

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

Dane ogólne

| | | | | | |
|------------|-------|-----|--------------------------|-----|-------|
| h_{anem} | z_o | Z | D_1 | R | D_a |
| m | | | $\mu\text{g}/\text{m}^3$ | | |
| 14,0 | 0,035 | 0,0 | 400 | 5,0 | 50,0 |

Róża wiatrów:

Koło roczna

Dane emitorów

| Emitor | E_{max} | Położenie | | Wysokość | Srednica | Emisja ciepła | Prędkość wylotu | Czas emisji |
|--------|-----------|-----------|-------|----------|-------------------|------------------|--------------------|----------------|
| | max. | X_e | Y_e | h | d | | | |
| | mg/s | m | | | | | | |
| 8 | 0,026 | 70 | 54 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 9 | 0,026 | 70 | 46 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 10 | 0,026 | 71 | 44 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 11 | 0,026 | 71 | 36 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 12 | 0,026 | 71 | 34 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 13 | 0,026 | 72 | 26 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 14 | 0,026 | 72 | 32 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 15 | 0,026 | 72 | 17 | 11,2 | 0,305 | 0,76 | 0,95 | 6000 |
| 16 | 10,230 | 24 | 58 | 8,9 | emitory zadaszone | | | 6000 |
| 17 | 10,230 | 3 | 57 | 8,9 | | | | 6000 |
| 18 | 10,230 | 16 | 36 | 8,9 | | | | 6000 |
| 19 | 10,230 | 17 | 25 | 8,9 | | | | 6000 |
| 20 | 10,230 | 7 | 2 | 8,9 | | | | 6000 |
| 21 | 10,230 | 28 | 4 | 8,9 | | | | 6000 |
| 22 | 16,372 | 14 | 57 | 8,9 | | | | 6000 |
| 23 | 16,372 | 5 | 35 | 8,9 | | | | 6000 |
| 24 | 16,372 | 26 | 37 | 8,9 | | | | 6000 |
| 25 | 16,372 | 5 | 24 | 8,9 | | | | 6000 |
| 26 | 16,372 | 27 | 26 | 8,9 | | | | 6000 |
| 27 | 16,372 | 18 | 3 | 8,9 | | | | 6000 |

Parametry siatki

| | | | | |
|--------|--------|--------|--------|------|
| X min. | Y min. | X max. | Y max. | skok |
| m | | | | |
| -90 | -100 | 240 | 170 | 3 |

Wynik obliczeń

| Receptor | | Stan atmosfer | Prędkość wiatru | $\sum s_{xy}$ | percentyl 99,8 | S_a |
|----------|------|------------------|--------------------|--------------------------|-------------------|-------|
| X | Y | | | | | |
| m | | y | m/s | $\mu\text{g}/\text{m}^3$ | | |
| -90 | -100 | 6 | 1 | 92,739 | 54,585 | 0,792 |
| -90 | -94 | 6 | 1 | 92,124 | 55,832 | 0,825 |
| -90 | -88 | 6 | 1 | 90,545 | 56,776 | 0,862 |
| -90 | -82 | 6 | 1 | 89,116 | 58,831 | 0,903 |
| -90 | -76 | 6 | 1 | 88,023 | 60,076 | 0,952 |
| -90 | -70 | 6 | 1 | 86,513 | 61,126 | 1,009 |
| -90 | -64 | 5 | 1 | 86,056 | 62,282 | 1,075 |
| -90 | -58 | 5 | 1 | 85,715 | 63,302 | 1,150 |
| -90 | -52 | 5 | 1 | 85,270 | 64,272 | 1,234 |
| -90 | -46 | 5 | 1 | 84,782 | 65,231 | 1,325 |
| -90 | -40 | 5 | 1 | 84,286 | 66,130 | 1,423 |
| -90 | -34 | 5 | 1 | 83,772 | 66,964 | 1,525 |
| -90 | -28 | 5 | 1 | 83,184 | 67,709 | 1,628 |
| -90 | -22 | 5 | 1 | 82,407 | 69,926 | 1,728 |
| -90 | -16 | 5 | 1 | 82,107 | 68,784 | 1,819 |
| -90 | -10 | 5 | 1 | 81,642 | 69,072 | 1,897 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitatorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -90 | -4 | 5 | 1 | 81,108 | 69,073 | 1,958 |
| -90 | 2 | 5 | 1 | 80,813 | 69,635 | 2,001 |
| -90 | 8 | 5 | 1 | 80,509 | 69,367 | 2,027 |
| -90 | 14 | 5 | 1 | 80,024 | 70,136 | 2,034 |
| -90 | 20 | 5 | 1 | 80,123 | 69,653 | 2,022 |
| -90 | 26 | 5 | 1 | 79,934 | 69,563 | 1,994 |
| -90 | 32 | 5 | 1 | 79,718 | 69,417 | 1,953 |
| -90 | 38 | 5 | 1 | 80,061 | 68,202 | 1,907 |
| -90 | 44 | 5 | 1 | 80,176 | 69,301 | 1,859 |
| -90 | 50 | 5 | 1 | 80,294 | 69,433 | 1,811 |
| -90 | 56 | 5 | 1 | 80,943 | 69,225 | 1,764 |
| -90 | 62 | 5 | 1 | 81,217 | 69,765 | 1,719 |
| -90 | 68 | 5 | 1 | 82,110 | 70,268 | 1,680 |
| -90 | 74 | 5 | 1 | 82,565 | 69,703 | 1,646 |
| -90 | 80 | 5 | 1 | 83,674 | 69,867 | 1,616 |
| -90 | 86 | 5 | 1 | 84,627 | 69,772 | 1,588 |
| -90 | 92 | 5 | 1 | 85,504 | 73,746 | 1,561 |
| -90 | 98 | 5 | 1 | 86,372 | 74,672 | 1,533 |
| -90 | 104 | 5 | 1 | 87,244 | 76,061 | 1,503 |
| -90 | 110 | 5 | 1 | 88,105 | 77,843 | 1,472 |
| -90 | 116 | 5 | 1 | 88,924 | 79,942 | 1,440 |
| -90 | 122 | 5 | 1 | 89,662 | 82,306 | 1,405 |
| -90 | 128 | 5 | 1 | 90,262 | 84,363 | 1,369 |
| -90 | 134 | 6 | 1 | 91,495 | 84,150 | 1,332 |
| -90 | 140 | 6 | 1 | 93,634 | 82,815 | 1,295 |
| -90 | 146 | 6 | 1 | 95,286 | 85,724 | 1,258 |
| -90 | 152 | 6 | 1 | 96,235 | 85,704 | 1,221 |
| -90 | 158 | 6 | 1 | 98,362 | 85,555 | 1,187 |
| -90 | 164 | 6 | 1 | 99,452 | 83,980 | 1,153 |
| -90 | 170 | 6 | 1 | 100,058 | 83,618 | 1,121 |
| -87 | -97 | 6 | 1 | 92,830 | 56,135 | 0,821 |
| -87 | -91 | 6 | 1 | 91,828 | 57,327 | 0,855 |
| -87 | -85 | 6 | 1 | 89,995 | 58,367 | 0,894 |
| -87 | -79 | 6 | 1 | 88,718 | 60,297 | 0,939 |
| -87 | -73 | 6 | 1 | 87,396 | 61,328 | 0,991 |
| -87 | -67 | 5 | 1 | 86,803 | 62,783 | 1,052 |
| -87 | -61 | 5 | 1 | 86,534 | 64,014 | 1,123 |
| -87 | -55 | 5 | 1 | 86,093 | 64,220 | 1,203 |
| -87 | -49 | 5 | 1 | 85,562 | 65,887 | 1,292 |
| -87 | -43 | 5 | 1 | 84,991 | 65,833 | 1,388 |
| -87 | -37 | 5 | 1 | 84,392 | 67,698 | 1,490 |
| -87 | -31 | 5 | 1 | 83,728 | 68,562 | 1,596 |
| -87 | -25 | 5 | 1 | 82,895 | 69,194 | 1,703 |
| -87 | -19 | 5 | 1 | 82,463 | 69,658 | 1,805 |
| -87 | -13 | 5 | 1 | 81,951 | 69,896 | 1,895 |
| -87 | -7 | 5 | 1 | 81,275 | 69,832 | 1,970 |
| -87 | -1 | 5 | 1 | 80,940 | 70,399 | 2,026 |
| -87 | 5 | 5 | 1 | 80,540 | 70,314 | 2,065 |
| -87 | 11 | 5 | 1 | 79,942 | 69,778 | 2,085 |
| -87 | 17 | 5 | 1 | 79,984 | 69,688 | 2,085 |
| -87 | 23 | 5 | 1 | 79,816 | 69,457 | 2,066 |
| -87 | 29 | 5 | 1 | 79,495 | 68,760 | 2,030 |
| -87 | 35 | 5 | 1 | 79,632 | 69,016 | 1,985 |
| -87 | 41 | 5 | 1 | 79,904 | 69,222 | 1,936 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -87 | 47 | 5 | 1 | 80,048 | 69,004 | 1,887 |
| -87 | 53 | 5 | 1 | 80,287 | 69,529 | 1,838 |
| -87 | 59 | 5 | 1 | 81,029 | 69,958 | 1,790 |
| -87 | 65 | 5 | 1 | 81,463 | 70,339 | 1,746 |
| -87 | 71 | 5 | 1 | 82,433 | 69,997 | 1,708 |
| -87 | 77 | 5 | 1 | 83,013 | 70,724 | 1,675 |
| -87 | 83 | 5 | 1 | 84,272 | 70,883 | 1,645 |
| -87 | 89 | 5 | 1 | 85,350 | 71,548 | 1,616 |
| -87 | 95 | 5 | 1 | 86,368 | 74,179 | 1,586 |
| -87 | 101 | 5 | 1 | 87,372 | 75,448 | 1,555 |
| -87 | 107 | 5 | 1 | 88,360 | 77,159 | 1,523 |
| -87 | 113 | 5 | 1 | 89,303 | 79,230 | 1,489 |
| -87 | 119 | 5 | 1 | 90,161 | 81,587 | 1,454 |
| -87 | 125 | 5 | 1 | 90,882 | 83,748 | 1,417 |
| -87 | 131 | 5 | 1 | 91,394 | 83,956 | 1,378 |
| -87 | 137 | 6 | 1 | 92,948 | 83,125 | 1,339 |
| -87 | 143 | 6 | 1 | 94,854 | 85,694 | 1,300 |
| -87 | 149 | 6 | 1 | 96,037 | 86,551 | 1,262 |
| -87 | 155 | 6 | 1 | 98,086 | 86,901 | 1,226 |
| -87 | 161 | 6 | 1 | 99,567 | 85,924 | 1,191 |
| -87 | 167 | 6 | 1 | 99,824 | 84,267 | 1,157 |
| -84 | -100 | 6 | 1 | 93,640 | 55,273 | 0,818 |
| -84 | -94 | 6 | 1 | 92,767 | 57,730 | 0,851 |
| -84 | -88 | 6 | 1 | 91,391 | 58,933 | 0,888 |
| -84 | -82 | 6 | 1 | 89,316 | 60,004 | 0,929 |
| -84 | -76 | 6 | 1 | 88,195 | 61,667 | 0,977 |
| -84 | -70 | 5 | 1 | 87,474 | 63,049 | 1,032 |
| -84 | -64 | 5 | 1 | 87,325 | 64,470 | 1,098 |
| -84 | -58 | 5 | 1 | 86,922 | 65,710 | 1,173 |
| -84 | -52 | 5 | 1 | 86,369 | 65,056 | 1,259 |
| -84 | -46 | 5 | 1 | 85,738 | 66,128 | 1,353 |
| -84 | -40 | 5 | 1 | 85,062 | 67,197 | 1,454 |
| -84 | -34 | 5 | 1 | 84,325 | 68,724 | 1,561 |
| -84 | -28 | 5 | 1 | 83,445 | 69,516 | 1,672 |
| -84 | -22 | 5 | 1 | 82,828 | 70,447 | 1,782 |
| -84 | -16 | 5 | 1 | 82,289 | 70,800 | 1,884 |
| -84 | -10 | 5 | 1 | 81,407 | 70,574 | 1,972 |
| -84 | -4 | 5 | 1 | 81,084 | 70,332 | 2,043 |
| -84 | 2 | 5 | 1 | 80,528 | 70,009 | 2,096 |
| -84 | 8 | 5 | 1 | 79,899 | 70,550 | 2,129 |
| -84 | 14 | 5 | 1 | 79,825 | 70,288 | 2,143 |
| -84 | 20 | 5 | 1 | 79,607 | 70,076 | 2,135 |
| -84 | 26 | 5 | 1 | 79,308 | 70,792 | 2,108 |
| -84 | 32 | 5 | 1 | 79,085 | 69,056 | 2,066 |
| -84 | 38 | 5 | 1 | 79,395 | 69,852 | 2,017 |
| -84 | 44 | 5 | 1 | 79,676 | 69,859 | 1,966 |
| -84 | 50 | 5 | 1 | 79,917 | 68,888 | 1,915 |
| -84 | 56 | 5 | 1 | 80,208 | 69,942 | 1,865 |
| -84 | 62 | 5 | 1 | 81,108 | 69,407 | 1,817 |
| -84 | 68 | 5 | 1 | 81,761 | 69,810 | 1,775 |
| -84 | 74 | 5 | 1 | 82,783 | 70,940 | 1,738 |
| -84 | 80 | 5 | 1 | 83,598 | 71,794 | 1,705 |
| -84 | 86 | 5 | 1 | 84,945 | 71,933 | 1,674 |
| -84 | 92 | 5 | 1 | 86,148 | 72,186 | 1,643 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -84 | 98 | 5 | 1 | 87,304 | 74,669 | 1,610 |
| -84 | 104 | 5 | 1 | 88,436 | 76,293 | 1,577 |
| -84 | 110 | 5 | 1 | 89,523 | 78,327 | 1,542 |
| -84 | 116 | 5 | 1 | 90,524 | 80,683 | 1,505 |
| -84 | 122 | 5 | 1 | 91,389 | 83,017 | 1,466 |
| -84 | 128 | 5 | 1 | 92,051 | 83,643 | 1,426 |
| -84 | 134 | 5 | 1 | 92,419 | 83,316 | 1,385 |
| -84 | 140 | 6 | 1 | 94,280 | 85,064 | 1,345 |
| -84 | 146 | 6 | 1 | 95,820 | 87,341 | 1,305 |
| -84 | 152 | 6 | 1 | 97,666 | 88,116 | 1,267 |
| -84 | 158 | 6 | 1 | 99,523 | 86,076 | 1,230 |
| -84 | 164 | 6 | 1 | 100,118 | 84,844 | 1,195 |
| -84 | 170 | 6 | 1 | 101,776 | 86,764 | 1,161 |
| -81 | -97 | 6 | 1 | 93,276 | 57,106 | 0,847 |
| -81 | -91 | 6 | 1 | 92,535 | 59,367 | 0,883 |
| -81 | -85 | 6 | 1 | 90,803 | 60,581 | 0,922 |
| -81 | -79 | 6 | 1 | 88,876 | 61,683 | 0,966 |
| -81 | -73 | 5 | 1 | 88,227 | 63,167 | 1,017 |
| -81 | -67 | 5 | 1 | 88,079 | 64,807 | 1,076 |
| -81 | -61 | 5 | 1 | 87,756 | 66,181 | 1,147 |
| -81 | -55 | 5 | 1 | 87,210 | 65,879 | 1,227 |
| -81 | -49 | 5 | 1 | 86,534 | 66,959 | 1,318 |
| -81 | -43 | 5 | 1 | 85,788 | 68,033 | 1,417 |
| -81 | -37 | 5 | 1 | 84,980 | 69,063 | 1,524 |
| -81 | -31 | 5 | 1 | 84,055 | 69,210 | 1,636 |
| -81 | -25 | 5 | 1 | 83,204 | 70,410 | 1,751 |
| -81 | -19 | 5 | 1 | 82,647 | 70,651 | 1,863 |
| -81 | -13 | 5 | 1 | 81,592 | 70,892 | 1,965 |
| -81 | -7 | 5 | 1 | 81,231 | 70,725 | 2,051 |
| -81 | -1 | 5 | 1 | 80,461 | 70,457 | 2,117 |
| -81 | 5 | 5 | 1 | 79,893 | 71,541 | 2,165 |
| -81 | 11 | 5 | 1 | 79,652 | 71,103 | 2,193 |
| -81 | 17 | 5 | 1 | 79,330 | 70,938 | 2,199 |
| -81 | 23 | 5 | 1 | 78,992 | 71,548 | 2,183 |
| -81 | 29 | 5 | 1 | 78,682 | 69,772 | 2,147 |
| -81 | 35 | 5 | 1 | 78,740 | 70,263 | 2,100 |
| -81 | 41 | 5 | 1 | 79,037 | 70,897 | 2,048 |
| -81 | 47 | 5 | 1 | 79,391 | 70,877 | 1,996 |
| -81 | 53 | 5 | 1 | 79,786 | 70,004 | 1,944 |
| -81 | 59 | 5 | 1 | 80,167 | 70,838 | 1,893 |
| -81 | 65 | 5 | 1 | 81,174 | 70,454 | 1,845 |
| -81 | 71 | 5 | 1 | 82,104 | 70,587 | 1,804 |
| -81 | 77 | 5 | 1 | 83,163 | 70,949 | 1,768 |
| -81 | 83 | 5 | 1 | 84,263 | 71,859 | 1,735 |
| -81 | 89 | 5 | 1 | 85,702 | 73,018 | 1,702 |
| -81 | 95 | 5 | 1 | 87,033 | 72,968 | 1,668 |
| -81 | 101 | 5 | 1 | 88,324 | 75,252 | 1,633 |
| -81 | 107 | 5 | 1 | 89,571 | 77,236 | 1,597 |
| -81 | 113 | 5 | 1 | 90,737 | 79,589 | 1,558 |
| -81 | 119 | 5 | 1 | 91,768 | 82,158 | 1,518 |
| -81 | 125 | 5 | 1 | 92,601 | 83,201 | 1,477 |
| -81 | 131 | 5 | 1 | 93,155 | 83,375 | 1,434 |
| -81 | 137 | 6 | 1 | 93,555 | 84,302 | 1,392 |
| -81 | 143 | 6 | 1 | 95,442 | 87,777 | 1,350 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -81 | 149 | 6 | 1 | 97,091 | 89,179 | 1,310 |
| -81 | 155 | 6 | 1 | 99,305 | 85,832 | 1,272 |
| -81 | 161 | 6 | 1 | 100,432 | 86,441 | 1,235 |
| -81 | 167 | 6 | 1 | 101,628 | 87,368 | 1,199 |
| -78 | -100 | 6 | 1 | 94,904 | 57,270 | 0,845 |
| -78 | -94 | 6 | 1 | 93,353 | 59,658 | 0,879 |
| -78 | -88 | 6 | 1 | 92,123 | 61,041 | 0,916 |
| -78 | -82 | 6 | 1 | 90,051 | 62,270 | 0,958 |
| -78 | -76 | 5 | 1 | 89,366 | 63,401 | 1,005 |
| -78 | -70 | 5 | 1 | 88,783 | 64,490 | 1,059 |
| -78 | -64 | 5 | 1 | 88,589 | 66,202 | 1,124 |
| -78 | -58 | 5 | 1 | 88,084 | 66,659 | 1,199 |
| -78 | -52 | 5 | 1 | 87,386 | 67,753 | 1,285 |
| -78 | -46 | 5 | 1 | 86,578 | 68,836 | 1,381 |
| -78 | -40 | 5 | 1 | 85,698 | 69,144 | 1,486 |
| -78 | -34 | 5 | 1 | 84,724 | 68,868 | 1,597 |
| -78 | -28 | 5 | 1 | 83,593 | 69,815 | 1,715 |
| -78 | -22 | 5 | 1 | 83,013 | 71,021 | 1,834 |
| -78 | -16 | 5 | 1 | 82,024 | 70,896 | 1,947 |
| -78 | -10 | 5 | 1 | 81,353 | 71,380 | 2,048 |
| -78 | -4 | 5 | 1 | 80,313 | 71,589 | 2,130 |
| -78 | 2 | 5 | 1 | 79,898 | 72,211 | 2,191 |
| -78 | 8 | 5 | 1 | 79,452 | 71,758 | 2,234 |
| -78 | 14 | 5 | 1 | 78,984 | 71,904 | 2,255 |
| -78 | 20 | 5 | 1 | 78,562 | 72,391 | 2,253 |
| -78 | 26 | 5 | 1 | 78,225 | 72,750 | 2,227 |
| -78 | 32 | 5 | 1 | 78,016 | 70,759 | 2,184 |
| -78 | 38 | 5 | 1 | 78,229 | 70,633 | 2,133 |
| -78 | 44 | 5 | 1 | 78,569 | 71,690 | 2,080 |
| -78 | 50 | 5 | 1 | 79,044 | 72,007 | 2,026 |
| -78 | 56 | 5 | 1 | 79,635 | 71,246 | 1,972 |
| -78 | 62 | 5 | 1 | 80,282 | 71,611 | 1,920 |
| -78 | 68 | 5 | 1 | 81,213 | 71,747 | 1,874 |
| -78 | 74 | 5 | 1 | 82,478 | 71,427 | 1,834 |
| -78 | 80 | 5 | 1 | 83,574 | 71,020 | 1,799 |
| -78 | 86 | 5 | 1 | 85,012 | 71,774 | 1,764 |
| -78 | 92 | 5 | 1 | 86,552 | 73,952 | 1,729 |
| -78 | 98 | 5 | 1 | 88,016 | 73,883 | 1,692 |
| -78 | 104 | 5 | 1 | 89,436 | 75,962 | 1,654 |
| -78 | 110 | 5 | 1 | 90,783 | 78,304 | 1,615 |
| -78 | 116 | 5 | 1 | 92,001 | 80,964 | 1,573 |
| -78 | 122 | 5 | 1 | 93,027 | 82,614 | 1,530 |
| -78 | 128 | 5 | 1 | 93,786 | 83,286 | 1,486 |
| -78 | 134 | 5 | 1 | 94,175 | 83,396 | 1,441 |
| -78 | 140 | 6 | 1 | 94,890 | 86,813 | 1,398 |
| -78 | 146 | 6 | 1 | 96,368 | 90,061 | 1,356 |
| -78 | 152 | 6 | 1 | 98,902 | 87,495 | 1,316 |
| -78 | 158 | 6 | 1 | 100,537 | 88,679 | 1,277 |
| -78 | 164 | 6 | 1 | 101,266 | 87,864 | 1,239 |
| -78 | 170 | 6 | 1 | 103,183 | 86,383 | 1,204 |
| -75 | -97 | 6 | 1 | 94,379 | 58,770 | 0,876 |
| -75 | -91 | 6 | 1 | 93,214 | 61,383 | 0,912 |
| -75 | -85 | 6 | 1 | 91,515 | 62,759 | 0,952 |
| -75 | -79 | 5 | 1 | 90,426 | 63,995 | 0,996 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -75 | -73 | 5 | 1 | 89,914 | 65,154 | 1,046 |
| -75 | -67 | 5 | 1 | 89,409 | 66,280 | 1,105 |
| -75 | -61 | 5 | 1 | 88,988 | 67,396 | 1,174 |
| -75 | -55 | 5 | 1 | 88,294 | 68,510 | 1,254 |
| -75 | -49 | 5 | 1 | 87,438 | 69,608 | 1,346 |
| -75 | -43 | 5 | 1 | 86,487 | 69,319 | 1,448 |
| -75 | -37 | 5 | 1 | 85,453 | 69,245 | 1,558 |
| -75 | -31 | 5 | 1 | 84,266 | 70,053 | 1,675 |
| -75 | -25 | 5 | 1 | 83,377 | 70,328 | 1,798 |
| -75 | -19 | 5 | 1 | 82,457 | 70,454 | 1,920 |
| -75 | -13 | 5 | 1 | 81,418 | 71,945 | 2,034 |
| -75 | -7 | 5 | 1 | 80,487 | 72,782 | 2,132 |
| -75 | -1 | 5 | 1 | 79,870 | 72,734 | 2,209 |
| -75 | 5 | 5 | 1 | 79,185 | 72,381 | 2,265 |
| -75 | 11 | 5 | 1 | 78,544 | 72,968 | 2,302 |
| -75 | 17 | 5 | 1 | 78,010 | 73,322 | 2,316 |
| -75 | 23 | 5 | 1 | 77,614 | 73,542 | 2,304 |
| -75 | 29 | 5 | 1 | 77,373 | 71,425 | 2,269 |
| -75 | 35 | 5 | 1 | 77,331 | 71,616 | 2,220 |
| -75 | 41 | 5 | 1 | 77,556 | 71,210 | 2,166 |
| -75 | 47 | 5 | 1 | 77,977 | 70,883 | 2,112 |
| -75 | 53 | 5 | 1 | 78,607 | 72,117 | 2,056 |
| -75 | 59 | 5 | 1 | 79,432 | 72,597 | 2,000 |
| -75 | 65 | 5 | 1 | 80,384 | 72,264 | 1,949 |
| -75 | 71 | 5 | 1 | 81,307 | 73,130 | 1,905 |
| -75 | 77 | 5 | 1 | 82,871 | 72,186 | 1,866 |
| -75 | 83 | 5 | 1 | 84,052 | 72,369 | 1,829 |
| -75 | 89 | 5 | 1 | 85,849 | 72,709 | 1,792 |
| -75 | 95 | 5 | 1 | 87,505 | 74,661 | 1,754 |
| -75 | 101 | 5 | 1 | 89,108 | 74,893 | 1,714 |
| -75 | 107 | 5 | 1 | 90,647 | 76,826 | 1,673 |
| -75 | 113 | 5 | 1 | 92,070 | 79,512 | 1,630 |
| -75 | 119 | 5 | 1 | 93,310 | 81,871 | 1,586 |
| -75 | 125 | 5 | 1 | 94,292 | 83,030 | 1,540 |
| -75 | 131 | 5 | 1 | 94,925 | 83,226 | 1,494 |
| -75 | 137 | 5 | 1 | 95,083 | 85,703 | 1,448 |
| -75 | 143 | 6 | 1 | 96,074 | 89,394 | 1,404 |
| -75 | 149 | 6 | 1 | 98,299 | 88,967 | 1,362 |
| -75 | 155 | 6 | 1 | 100,415 | 87,551 | 1,321 |
| -75 | 161 | 6 | 1 | 101,242 | 88,239 | 1,282 |
| -75 | 167 | 6 | 1 | 103,167 | 88,625 | 1,244 |
| -72 | -100 | 6 | 1 | 96,057 | 59,232 | 0,873 |
| -72 | -94 | 6 | 1 | 93,992 | 60,666 | 0,909 |
| -72 | -88 | 6 | 1 | 92,839 | 62,926 | 0,948 |
| -72 | -82 | 5 | 1 | 91,381 | 64,505 | 0,990 |
| -72 | -76 | 5 | 1 | 91,062 | 65,752 | 1,037 |
| -72 | -70 | 5 | 1 | 90,336 | 66,934 | 1,091 |
| -72 | -64 | 5 | 1 | 89,913 | 68,089 | 1,153 |
| -72 | -58 | 5 | 1 | 89,259 | 69,228 | 1,227 |
| -72 | -52 | 5 | 1 | 88,373 | 70,347 | 1,313 |
| -72 | -46 | 5 | 1 | 87,352 | 70,111 | 1,412 |
| -72 | -40 | 5 | 1 | 86,247 | 69,905 | 1,519 |
| -72 | -34 | 5 | 1 | 85,030 | 70,957 | 1,635 |
| -72 | -28 | 5 | 1 | 83,735 | 70,820 | 1,757 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -72 | -22 | 5 | 1 | 82,865 | 70,936 | 1,884 |
| -72 | -16 | 5 | 1 | 81,441 | 72,420 | 2,009 |
| -72 | -10 | 5 | 1 | 80,699 | 73,785 | 2,122 |
| -72 | -4 | 5 | 1 | 79,745 | 73,114 | 2,215 |
| -72 | 2 | 5 | 1 | 78,792 | 73,644 | 2,287 |
| -72 | 8 | 5 | 1 | 77,958 | 74,109 | 2,339 |
| -72 | 14 | 5 | 1 | 77,298 | 74,273 | 2,369 |
| -72 | 20 | 5 | 1 | 76,832 | 73,874 | 2,373 |
| -72 | 26 | 5 | 1 | 76,558 | 73,545 | 2,350 |
| -72 | 32 | 5 | 1 | 76,470 | 72,206 | 2,308 |
| -72 | 38 | 5 | 1 | 76,564 | 72,179 | 2,255 |
| -72 | 44 | 5 | 1 | 76,840 | 72,384 | 2,199 |
| -72 | 50 | 5 | 1 | 77,303 | 72,256 | 2,143 |
| -72 | 56 | 5 | 1 | 78,035 | 71,784 | 2,085 |
| -72 | 62 | 5 | 1 | 79,128 | 72,861 | 2,029 |
| -72 | 68 | 5 | 1 | 80,432 | 73,031 | 1,979 |
| -72 | 74 | 5 | 1 | 81,765 | 74,187 | 1,936 |
| -72 | 80 | 5 | 1 | 83,277 | 72,865 | 1,897 |
| -72 | 86 | 5 | 1 | 84,906 | 73,797 | 1,858 |
| -72 | 92 | 5 | 1 | 86,782 | 73,333 | 1,818 |
| -72 | 98 | 5 | 1 | 88,574 | 75,388 | 1,777 |
| -72 | 104 | 5 | 1 | 90,314 | 76,010 | 1,735 |
| -72 | 110 | 5 | 1 | 91,956 | 77,860 | 1,691 |
| -72 | 116 | 5 | 1 | 93,427 | 80,870 | 1,644 |
| -72 | 122 | 5 | 1 | 94,652 | 82,589 | 1,597 |
| -72 | 128 | 5 | 1 | 95,545 | 83,366 | 1,548 |
| -72 | 134 | 5 | 1 | 95,995 | 84,436 | 1,501 |
| -72 | 140 | 5 | 1 | 95,849 | 88,102 | 1,455 |
| -72 | 146 | 6 | 1 | 97,485 | 90,216 | 1,410 |
| -72 | 152 | 6 | 1 | 100,050 | 87,314 | 1,367 |
| -72 | 158 | 6 | 1 | 101,526 | 89,731 | 1,326 |
| -72 | 164 | 6 | 1 | 102,866 | 91,341 | 1,286 |
| -72 | 170 | 6 | 1 | 104,411 | 89,426 | 1,248 |
| -69 | -97 | 6 | 1 | 95,551 | 60,782 | 0,906 |
| -69 | -91 | 6 | 1 | 93,952 | 62,764 | 0,944 |
| -69 | -85 | 6 | 1 | 92,215 | 64,921 | 0,985 |
| -69 | -79 | 5 | 1 | 92,150 | 66,276 | 1,030 |
| -69 | -73 | 5 | 1 | 91,557 | 67,427 | 1,080 |
| -69 | -67 | 5 | 1 | 90,847 | 68,733 | 1,137 |
| -69 | -61 | 5 | 1 | 90,276 | 69,905 | 1,205 |
| -69 | -55 | 5 | 1 | 89,385 | 71,051 | 1,284 |
| -69 | -49 | 5 | 1 | 88,302 | 70,902 | 1,376 |
| -69 | -43 | 5 | 1 | 87,113 | 71,087 | 1,481 |
| -69 | -37 | 5 | 1 | 85,839 | 71,773 | 1,594 |
| -69 | -31 | 5 | 1 | 84,399 | 69,807 | 1,716 |
| -69 | -25 | 5 | 1 | 83,226 | 71,344 | 1,843 |
| -69 | -19 | 5 | 1 | 81,976 | 72,809 | 1,974 |
| -69 | -13 | 5 | 1 | 80,793 | 74,185 | 2,100 |
| -69 | -7 | 5 | 1 | 79,451 | 74,220 | 2,210 |
| -69 | -1 | 5 | 1 | 78,396 | 74,947 | 2,299 |
| -69 | 5 | 5 | 1 | 77,600 | 74,653 | 2,365 |
| -69 | 11 | 5 | 1 | 76,883 | 74,496 | 2,411 |
| -69 | 17 | 4 | 1 | 76,280 | 73,759 | 2,433 |
| -69 | 23 | 4 | 1 | 76,229 | 73,077 | 2,426 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -69 | 29 | 4 | 1 | 76,188 | 72,742 | 2,393 |
| -69 | 35 | 4 | 1 | 76,329 | 72,518 | 2,344 |
| -69 | 41 | 4 | 1 | 76,503 | 72,429 | 2,288 |
| -69 | 47 | 4 | 1 | 76,706 | 72,563 | 2,232 |
| -69 | 53 | 5 | 1 | 76,930 | 72,980 | 2,173 |
| -69 | 59 | 5 | 1 | 77,844 | 73,418 | 2,113 |
| -69 | 65 | 5 | 1 | 78,961 | 73,395 | 2,057 |
| -69 | 71 | 5 | 1 | 80,389 | 74,664 | 2,010 |
| -69 | 77 | 5 | 1 | 82,197 | 74,801 | 1,967 |
| -69 | 83 | 5 | 1 | 83,700 | 74,392 | 1,927 |
| -69 | 89 | 5 | 1 | 85,834 | 75,297 | 1,885 |
| -69 | 95 | 5 | 1 | 87,826 | 74,038 | 1,843 |
| -69 | 101 | 5 | 1 | 89,768 | 75,979 | 1,799 |
| -69 | 107 | 5 | 1 | 91,637 | 77,061 | 1,754 |
| -69 | 113 | 5 | 1 | 93,357 | 79,072 | 1,706 |
| -69 | 119 | 5 | 1 | 94,844 | 81,944 | 1,656 |
| -69 | 125 | 5 | 1 | 96,014 | 83,287 | 1,606 |
| -69 | 131 | 5 | 1 | 96,766 | 83,575 | 1,557 |
| -69 | 137 | 5 | 1 | 96,966 | 86,643 | 1,508 |
| -69 | 143 | 5 | 1 | 97,172 | 90,595 | 1,461 |
| -69 | 149 | 6 | 1 | 99,426 | 89,215 | 1,416 |
| -69 | 155 | 6 | 1 | 101,513 | 89,432 | 1,373 |
| -69 | 161 | 6 | 1 | 102,265 | 93,795 | 1,331 |
| -69 | 167 | 6 | 1 | 104,552 | 88,010 | 1,291 |
| -66 | -100 | 6 | 1 | 97,185 | 61,145 | 0,904 |
| -66 | -94 | 6 | 1 | 94,764 | 62,438 | 0,941 |
| -66 | -88 | 6 | 1 | 93,612 | 64,905 | 0,981 |
| -66 | -82 | 5 | 1 | 93,148 | 66,721 | 1,025 |
| -66 | -76 | 5 | 1 | 92,758 | 67,524 | 1,072 |
| -66 | -70 | 5 | 1 | 91,889 | 69,325 | 1,126 |
| -66 | -64 | 5 | 1 | 91,334 | 70,537 | 1,187 |
| -66 | -58 | 5 | 1 | 90,474 | 71,714 | 1,259 |
| -66 | -52 | 5 | 1 | 89,343 | 71,680 | 1,345 |
| -66 | -46 | 5 | 1 | 88,064 | 72,493 | 1,443 |
| -66 | -40 | 5 | 1 | 86,703 | 72,046 | 1,554 |
| -66 | -34 | 5 | 1 | 85,241 | 70,166 | 1,673 |
| -66 | -28 | 5 | 1 | 83,533 | 69,168 | 1,800 |
| -66 | -22 | 5 | 1 | 82,412 | 72,354 | 1,933 |
| -66 | -16 | 5 | 1 | 80,713 | 74,447 | 2,066 |
| -66 | -10 | 5 | 1 | 79,548 | 75,644 | 2,192 |
| -66 | -4 | 5 | 1 | 78,392 | 75,122 | 2,298 |
| -66 | 2 | 5 | 1 | 77,320 | 74,687 | 2,381 |
| -66 | 8 | 4 | 1 | 76,997 | 74,627 | 2,441 |
| -66 | 14 | 4 | 1 | 76,894 | 74,421 | 2,480 |
| -66 | 20 | 4 | 1 | 76,792 | 74,017 | 2,492 |
| -66 | 26 | 4 | 1 | 76,688 | 73,503 | 2,474 |
| -66 | 32 | 4 | 1 | 76,712 | 72,977 | 2,432 |
| -66 | 38 | 4 | 1 | 76,905 | 72,551 | 2,378 |
| -66 | 44 | 4 | 1 | 77,129 | 72,342 | 2,321 |
| -66 | 50 | 4 | 1 | 77,405 | 72,447 | 2,262 |
| -66 | 56 | 4 | 1 | 77,741 | 72,929 | 2,200 |
| -66 | 62 | 4 | 1 | 78,100 | 73,796 | 2,140 |
| -66 | 68 | 5 | 1 | 79,064 | 74,874 | 2,087 |
| -66 | 74 | 5 | 1 | 80,705 | 76,353 | 2,041 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -66 | 80 | 5 | 1 | 82,590 | 75,335 | 1,998 |
| -66 | 86 | 5 | 1 | 84,640 | 76,074 | 1,955 |
| -66 | 92 | 5 | 1 | 86,850 | 76,037 | 1,911 |
| -66 | 98 | 5 | 1 | 88,995 | 74,640 | 1,866 |
| -66 | 104 | 5 | 1 | 91,094 | 76,770 | 1,819 |
| -66 | 110 | 5 | 1 | 93,073 | 78,083 | 1,770 |
| -66 | 116 | 5 | 1 | 94,839 | 80,458 | 1,719 |
| -66 | 122 | 5 | 1 | 96,303 | 82,964 | 1,667 |
| -66 | 128 | 5 | 1 | 97,373 | 83,924 | 1,615 |
| -66 | 134 | 5 | 1 | 97,928 | 85,007 | 1,565 |
| -66 | 140 | 5 | 1 | 97,869 | 88,961 | 1,515 |
| -66 | 146 | 6 | 1 | 98,528 | 90,830 | 1,468 |
| -66 | 152 | 6 | 1 | 101,183 | 87,662 | 1,422 |
| -66 | 158 | 6 | 1 | 102,578 | 92,862 | 1,378 |
| -66 | 164 | 6 | 1 | 104,320 | 91,297 | 1,335 |
| -66 | 170 | 6 | 1 | 105,570 | 91,922 | 1,294 |
| -63 | -97 | 6 | 1 | 96,693 | 62,737 | 0,939 |
| -63 | -91 | 6 | 1 | 94,814 | 64,640 | 0,978 |
| -63 | -85 | 5 | 1 | 94,018 | 67,076 | 1,021 |
| -63 | -79 | 5 | 1 | 93,914 | 68,530 | 1,067 |
| -63 | -73 | 5 | 1 | 93,181 | 69,799 | 1,117 |
| -63 | -67 | 5 | 1 | 92,417 | 71,120 | 1,174 |
| -63 | -61 | 5 | 1 | 91,633 | 72,332 | 1,240 |
| -63 | -55 | 5 | 1 | 90,481 | 72,432 | 1,318 |
| -63 | -49 | 5 | 1 | 89,112 | 73,550 | 1,409 |
| -63 | -43 | 5 | 1 | 87,637 | 71,953 | 1,515 |
| -63 | -37 | 5 | 1 | 86,100 | 70,819 | 1,631 |
| -63 | -31 | 5 | 1 | 84,422 | 69,361 | 1,756 |
| -63 | -25 | 5 | 1 | 82,724 | 69,876 | 1,888 |
| -63 | -19 | 5 | 1 | 81,217 | 72,884 | 2,025 |
| -63 | -13 | 5 | 1 | 79,667 | 74,720 | 2,161 |
| -63 | -7 | 5 | 1 | 78,112 | 75,698 | 2,284 |
| -63 | -1 | 4 | 1 | 77,695 | 74,487 | 2,384 |
| -63 | 5 | 4 | 1 | 77,498 | 74,175 | 2,460 |
| -63 | 11 | 4 | 1 | 77,345 | 74,230 | 2,515 |
| -63 | 17 | 4 | 1 | 77,221 | 74,567 | 2,545 |
| -63 | 23 | 4 | 1 | 77,091 | 74,383 | 2,545 |
| -63 | 29 | 4 | 1 | 76,935 | 73,567 | 2,516 |
| -63 | 35 | 4 | 1 | 77,123 | 72,785 | 2,467 |
| -63 | 41 | 4 | 1 | 77,336 | 72,539 | 2,411 |
| -63 | 47 | 4 | 1 | 77,588 | 73,439 | 2,353 |
| -63 | 53 | 4 | 1 | 77,938 | 74,035 | 2,291 |
| -63 | 59 | 4 | 1 | 78,415 | 74,223 | 2,227 |
| -63 | 65 | 4 | 1 | 78,983 | 73,864 | 2,168 |
| -63 | 71 | 4 | 1 | 79,506 | 76,326 | 2,117 |
| -63 | 77 | 5 | 1 | 81,144 | 76,861 | 2,072 |
| -63 | 83 | 5 | 1 | 83,171 | 76,681 | 2,028 |
| -63 | 89 | 5 | 1 | 85,632 | 77,793 | 1,982 |
| -63 | 95 | 5 | 1 | 87,978 | 76,624 | 1,936 |
| -63 | 101 | 5 | 1 | 90,302 | 75,245 | 1,888 |
| -63 | 107 | 5 | 1 | 92,548 | 77,794 | 1,837 |
| -63 | 113 | 5 | 1 | 94,608 | 79,057 | 1,785 |
| -63 | 119 | 5 | 1 | 96,384 | 82,007 | 1,731 |
| -63 | 125 | 5 | 1 | 97,784 | 83,984 | 1,677 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -63 | 131 | 5 | 1 | 98,704 | 84,455 | 1,624 |
| -63 | 137 | 5 | 1 | 98,997 | 87,127 | 1,572 |
| -63 | 143 | 5 | 1 | 99,198 | 91,392 | 1,522 |
| -63 | 149 | 6 | 1 | 100,515 | 89,992 | 1,474 |
| -63 | 155 | 6 | 1 | 102,661 | 90,792 | 1,427 |
| -63 | 161 | 6 | 1 | 103,693 | 94,260 | 1,382 |
| -63 | 167 | 6 | 1 | 105,869 | 89,449 | 1,339 |
| -60 | -100 | 6 | 1 | 98,349 | 63,014 | 0,936 |
| -60 | -94 | 6 | 1 | 95,839 | 64,332 | 0,975 |
| -60 | -88 | 5 | 1 | 94,714 | 66,911 | 1,017 |
| -60 | -82 | 5 | 1 | 94,992 | 68,916 | 1,062 |
| -60 | -76 | 5 | 1 | 94,468 | 69,926 | 1,111 |
| -60 | -70 | 5 | 1 | 93,504 | 71,649 | 1,165 |
| -60 | -64 | 5 | 1 | 92,851 | 72,900 | 1,226 |
| -60 | -58 | 5 | 1 | 91,713 | 73,143 | 1,296 |
| -60 | -52 | 5 | 1 | 90,269 | 74,478 | 1,380 |
| -60 | -46 | 5 | 1 | 88,665 | 72,712 | 1,478 |
| -60 | -40 | 5 | 1 | 87,000 | 72,208 | 1,590 |
| -60 | -34 | 5 | 1 | 85,280 | 69,786 | 1,713 |
| -60 | -28 | 5 | 1 | 83,344 | 69,690 | 1,843 |
| -60 | -22 | 5 | 1 | 81,603 | 71,418 | 1,980 |
| -60 | -16 | 5 | 1 | 79,543 | 73,207 | 2,120 |
| -60 | -10 | 4 | 1 | 78,559 | 74,827 | 2,255 |
| -60 | -4 | 4 | 1 | 78,449 | 75,318 | 2,374 |
| -60 | 2 | 4 | 1 | 78,189 | 75,308 | 2,467 |
| -60 | 8 | 4 | 1 | 77,854 | 74,808 | 2,537 |
| -60 | 14 | 4 | 1 | 77,440 | 73,916 | 2,584 |
| -60 | 20 | 4 | 1 | 77,320 | 74,573 | 2,604 |
| -60 | 26 | 4 | 1 | 77,159 | 74,274 | 2,591 |
| -60 | 32 | 4 | 1 | 77,133 | 73,149 | 2,552 |
| -60 | 38 | 4 | 1 | 77,345 | 72,657 | 2,499 |
| -60 | 44 | 4 | 1 | 77,535 | 74,011 | 2,442 |
| -60 | 50 | 4 | 1 | 78,061 | 74,105 | 2,381 |
| -60 | 56 | 4 | 1 | 78,627 | 74,376 | 2,316 |
| -60 | 62 | 4 | 1 | 79,216 | 75,166 | 2,252 |
| -60 | 68 | 4 | 1 | 79,763 | 75,988 | 2,196 |
| -60 | 74 | 4 | 1 | 80,589 | 78,013 | 2,148 |
| -60 | 80 | 5 | 1 | 81,467 | 77,235 | 2,102 |
| -60 | 86 | 5 | 1 | 84,151 | 78,613 | 2,055 |
| -60 | 92 | 5 | 1 | 86,701 | 78,374 | 2,008 |
| -60 | 98 | 5 | 1 | 89,242 | 77,074 | 1,959 |
| -60 | 104 | 5 | 1 | 91,752 | 76,583 | 1,907 |
| -60 | 110 | 5 | 1 | 94,118 | 79,069 | 1,853 |
| -60 | 116 | 5 | 1 | 96,222 | 79,963 | 1,798 |
| -60 | 122 | 5 | 1 | 97,968 | 83,699 | 1,742 |
| -60 | 128 | 5 | 1 | 99,262 | 84,967 | 1,686 |
| -60 | 134 | 5 | 1 | 99,978 | 85,084 | 1,632 |
| -60 | 140 | 5 | 1 | 99,937 | 89,373 | 1,579 |
| -60 | 146 | 5 | 1 | 100,409 | 91,955 | 1,529 |
| -60 | 152 | 6 | 1 | 102,330 | 88,604 | 1,479 |
| -60 | 158 | 6 | 1 | 103,747 | 94,145 | 1,432 |
| -60 | 164 | 6 | 1 | 105,684 | 91,743 | 1,385 |
| -60 | 170 | 6 | 1 | 106,737 | 93,898 | 1,340 |
| -57 | -97 | 6 | 1 | 97,843 | 64,631 | 0,972 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -57 | -91 | 6 | 1 | 95,832 | 65,830 | 1,014 |
| -57 | -85 | 5 | 1 | 95,953 | 69,215 | 1,059 |
| -57 | -79 | 5 | 1 | 95,721 | 69,933 | 1,107 |
| -57 | -73 | 5 | 1 | 94,778 | 72,119 | 1,158 |
| -57 | -67 | 5 | 1 | 94,109 | 73,412 | 1,216 |
| -57 | -61 | 5 | 1 | 93,034 | 73,804 | 1,281 |
| -57 | -55 | 5 | 1 | 91,541 | 75,373 | 1,356 |
| -57 | -49 | 5 | 1 | 89,806 | 73,653 | 1,446 |
| -57 | -43 | 5 | 1 | 87,974 | 72,876 | 1,550 |
| -57 | -37 | 5 | 1 | 86,126 | 70,089 | 1,669 |
| -57 | -31 | 5 | 1 | 84,210 | 69,518 | 1,797 |
| -57 | -25 | 5 | 1 | 81,960 | 71,202 | 1,932 |
| -57 | -19 | 5 | 1 | 80,092 | 72,772 | 2,073 |
| -57 | -13 | 4 | 1 | 79,481 | 74,391 | 2,215 |
| -57 | -7 | 4 | 1 | 79,129 | 76,112 | 2,348 |
| -57 | -1 | 4 | 1 | 78,708 | 75,490 | 2,460 |
| -57 | 5 | 4 | 1 | 78,302 | 75,304 | 2,547 |
| -57 | 11 | 4 | 1 | 77,885 | 75,453 | 2,609 |
| -57 | 17 | 4 | 1 | 77,373 | 74,076 | 2,647 |
| -57 | 23 | 4 | 1 | 77,176 | 74,585 | 2,654 |
| -57 | 29 | 4 | 1 | 76,940 | 73,634 | 2,630 |
| -57 | 35 | 4 | 1 | 77,139 | 72,184 | 2,584 |
| -57 | 41 | 4 | 1 | 77,291 | 73,920 | 2,529 |
| -57 | 47 | 4 | 1 | 77,906 | 73,271 | 2,470 |
| -57 | 53 | 4 | 1 | 78,499 | 74,120 | 2,405 |
| -57 | 59 | 4 | 1 | 79,184 | 75,008 | 2,338 |
| -57 | 65 | 4 | 1 | 80,002 | 75,269 | 2,277 |
| -57 | 71 | 4 | 1 | 80,866 | 76,898 | 2,225 |
| -57 | 77 | 4 | 1 | 81,615 | 78,279 | 2,177 |
| -57 | 83 | 4 | 1 | 82,535 | 79,213 | 2,130 |
| -57 | 89 | 5 | 1 | 85,147 | 79,822 | 2,082 |
| -57 | 95 | 5 | 1 | 87,888 | 78,811 | 2,032 |
| -57 | 101 | 5 | 1 | 90,656 | 78,372 | 1,980 |
| -57 | 107 | 5 | 1 | 93,334 | 78,130 | 1,925 |
| -57 | 113 | 5 | 1 | 95,781 | 80,594 | 1,868 |
| -57 | 119 | 5 | 1 | 97,888 | 81,325 | 1,810 |
| -57 | 125 | 5 | 1 | 99,566 | 85,093 | 1,752 |
| -57 | 131 | 5 | 1 | 100,708 | 85,863 | 1,695 |
| -57 | 137 | 5 | 1 | 101,161 | 87,109 | 1,640 |
| -57 | 143 | 5 | 1 | 101,140 | 91,751 | 1,586 |
| -57 | 149 | 6 | 1 | 101,562 | 91,339 | 1,534 |
| -57 | 155 | 6 | 1 | 103,878 | 91,619 | 1,483 |
| -57 | 161 | 6 | 1 | 104,986 | 95,204 | 1,434 |
| -57 | 167 | 6 | 1 | 107,166 | 94,768 | 1,387 |
| -54 | -100 | 6 | 1 | 99,579 | 65,131 | 0,969 |
| -54 | -94 | 6 | 1 | 96,900 | 66,351 | 1,011 |
| -54 | -88 | 5 | 1 | 96,745 | 68,443 | 1,055 |
| -54 | -82 | 5 | 1 | 96,905 | 70,523 | 1,103 |
| -54 | -76 | 5 | 1 | 96,166 | 72,524 | 1,153 |
| -54 | -70 | 5 | 1 | 95,381 | 73,863 | 1,209 |
| -54 | -64 | 5 | 1 | 94,427 | 75,128 | 1,270 |
| -54 | -58 | 5 | 1 | 92,927 | 76,215 | 1,339 |
| -54 | -52 | 5 | 1 | 91,079 | 73,930 | 1,420 |
| -54 | -46 | 5 | 1 | 89,059 | 73,361 | 1,515 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -54 | -40 | 5 | 1 | 87,010 | 71,168 | 1,627 |
| -54 | -34 | 5 | 1 | 84,985 | 70,581 | 1,752 |
| -54 | -28 | 5 | 1 | 82,850 | 70,899 | 1,885 |
| -54 | -22 | 4 | 1 | 80,622 | 72,364 | 2,024 |
| -54 | -16 | 4 | 1 | 80,203 | 73,810 | 2,168 |
| -54 | -10 | 4 | 1 | 79,865 | 75,438 | 2,309 |
| -54 | -4 | 4 | 1 | 79,387 | 76,596 | 2,438 |
| -54 | 2 | 4 | 1 | 78,778 | 75,907 | 2,542 |
| -54 | 8 | 4 | 1 | 78,031 | 74,610 | 2,620 |
| -54 | 14 | 4 | 1 | 77,523 | 74,838 | 2,675 |
| -54 | 20 | 4 | 1 | 76,914 | 73,569 | 2,701 |
| -54 | 26 | 4 | 1 | 76,731 | 74,184 | 2,694 |
| -54 | 32 | 4 | 1 | 76,651 | 72,382 | 2,660 |
| -54 | 38 | 4 | 1 | 76,801 | 73,240 | 2,610 |
| -54 | 44 | 4 | 1 | 77,395 | 72,617 | 2,554 |
| -54 | 50 | 4 | 1 | 77,964 | 74,641 | 2,492 |
| -54 | 56 | 4 | 1 | 78,928 | 74,766 | 2,425 |
| -54 | 62 | 4 | 1 | 79,873 | 75,536 | 2,360 |
| -54 | 68 | 4 | 1 | 80,823 | 76,967 | 2,303 |
| -54 | 74 | 4 | 1 | 81,851 | 77,255 | 2,253 |
| -54 | 80 | 4 | 1 | 82,947 | 79,593 | 2,205 |
| -54 | 86 | 4 | 1 | 83,924 | 80,895 | 2,157 |
| -54 | 92 | 5 | 1 | 86,220 | 80,252 | 2,107 |
| -54 | 98 | 5 | 1 | 89,300 | 80,050 | 2,055 |
| -54 | 104 | 5 | 1 | 92,317 | 80,190 | 1,999 |
| -54 | 110 | 5 | 1 | 95,020 | 79,641 | 1,941 |
| -54 | 116 | 5 | 1 | 97,502 | 82,058 | 1,881 |
| -54 | 122 | 5 | 1 | 99,574 | 83,019 | 1,821 |
| -54 | 128 | 5 | 1 | 101,147 | 86,454 | 1,761 |
| -54 | 134 | 5 | 1 | 102,092 | 86,610 | 1,703 |
| -54 | 140 | 5 | 1 | 102,213 | 89,272 | 1,647 |
| -54 | 146 | 5 | 1 | 102,373 | 93,598 | 1,591 |
| -54 | 152 | 6 | 1 | 103,476 | 90,166 | 1,538 |
| -54 | 158 | 6 | 1 | 105,042 | 94,930 | 1,486 |
| -54 | 164 | 6 | 1 | 106,976 | 96,938 | 1,435 |
| -54 | 170 | 6 | 1 | 107,961 | 95,366 | 1,386 |
| -51 | -97 | 6 | 1 | 99,006 | 67,325 | 1,007 |
| -51 | -91 | 5 | 1 | 97,368 | 68,923 | 1,052 |
| -51 | -85 | 5 | 1 | 97,978 | 71,306 | 1,099 |
| -51 | -79 | 5 | 1 | 97,529 | 72,550 | 1,149 |
| -51 | -73 | 5 | 1 | 96,635 | 74,249 | 1,203 |
| -51 | -67 | 5 | 1 | 95,870 | 75,543 | 1,262 |
| -51 | -61 | 5 | 1 | 94,415 | 76,769 | 1,326 |
| -51 | -55 | 5 | 1 | 92,488 | 74,964 | 1,400 |
| -51 | -49 | 5 | 1 | 90,307 | 74,730 | 1,487 |
| -51 | -43 | 5 | 1 | 88,228 | 72,228 | 1,589 |
| -51 | -37 | 5 | 1 | 85,882 | 72,597 | 1,707 |
| -51 | -31 | 5 | 1 | 83,542 | 72,248 | 1,838 |
| -51 | -25 | 4 | 1 | 81,606 | 71,890 | 1,975 |
| -51 | -19 | 4 | 1 | 81,177 | 73,139 | 2,117 |
| -51 | -13 | 4 | 1 | 80,603 | 74,543 | 2,261 |
| -51 | -7 | 4 | 1 | 79,873 | 76,014 | 2,400 |
| -51 | -1 | 4 | 1 | 79,098 | 75,554 | 2,520 |
| -51 | 5 | 4 | 1 | 78,363 | 75,411 | 2,616 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| -51 | 11 | 4 | 1 | 77,493 | 74,575 | 2,686 |
| -51 | 17 | 4 | 1 | 76,761 | 74,060 | 2,730 |
| -51 | 23 | 4 | 1 | 76,132 | 72,863 | 2,742 |
| -51 | 29 | 4 | 1 | 75,881 | 72,659 | 2,724 |
| -51 | 35 | 4 | 1 | 76,045 | 71,789 | 2,682 |
| -51 | 41 | 4 | 1 | 76,515 | 71,686 | 2,630 |
| -51 | 47 | 4 | 1 | 77,212 | 73,414 | 2,573 |
| -51 | 53 | 4 | 1 | 78,247 | 73,902 | 2,509 |
| -51 | 59 | 4 | 1 | 79,255 | 75,675 | 2,442 |
| -51 | 65 | 4 | 1 | 80,424 | 76,711 | 2,380 |
| -51 | 71 | 4 | 1 | 81,761 | 76,900 | 2,328 |
| -51 | 77 | 4 | 1 | 83,039 | 78,902 | 2,280 |
| -51 | 83 | 4 | 1 | 84,337 | 81,107 | 2,232 |
| -51 | 89 | 4 | 1 | 85,287 | 81,310 | 2,183 |
| -51 | 95 | 5 | 1 | 87,820 | 81,571 | 2,131 |
| -51 | 101 | 5 | 1 | 91,200 | 82,137 | 2,076 |
| -51 | 107 | 5 | 1 | 94,343 | 81,922 | 2,017 |
| -51 | 113 | 5 | 1 | 97,055 | 81,078 | 1,955 |
| -51 | 119 | 5 | 1 | 99,243 | 83,771 | 1,893 |
| -51 | 125 | 5 | 1 | 101,248 | 84,801 | 1,831 |
| -51 | 131 | 5 | 1 | 102,683 | 87,745 | 1,770 |
| -51 | 137 | 5 | 1 | 103,379 | 87,135 | 1,710 |
| -51 | 143 | 5 | 1 | 103,091 | 91,586 | 1,652 |
| -51 | 149 | 5 | 1 | 103,456 | 93,248 | 1,595 |
| -51 | 155 | 6 | 1 | 105,137 | 98,290 | 1,540 |
| -51 | 161 | 6 | 1 | 106,130 | 96,648 | 1,486 |
| -51 | 167 | 6 | 1 | 108,460 | 96,580 | 1,434 |
| -48 | -100 | 6 | 1 | 100,872 | 67,006 | 1,003 |
| -48 | -94 | 5 | 1 | 98,583 | 68,482 | 1,048 |
| -48 | -88 | 5 | 1 | 98,889 | 71,449 | 1,095 |
| -48 | -82 | 5 | 1 | 98,830 | 72,428 | 1,145 |
| -48 | -76 | 5 | 1 | 97,829 | 74,567 | 1,199 |
| -48 | -70 | 5 | 1 | 97,332 | 75,887 | 1,256 |
| -48 | -64 | 5 | 1 | 95,982 | 77,129 | 1,318 |
| -48 | -58 | 5 | 1 | 94,024 | 75,941 | 1,387 |
| -48 | -52 | 5 | 1 | 91,923 | 75,417 | 1,465 |
| -48 | -46 | 5 | 1 | 89,749 | 73,284 | 1,557 |
| -48 | -40 | 5 | 1 | 87,296 | 73,272 | 1,666 |
| -48 | -34 | 5 | 1 | 84,634 | 74,484 | 1,790 |
| -48 | -28 | 4 | 1 | 82,559 | 73,797 | 1,925 |
| -48 | -22 | 4 | 1 | 82,099 | 72,425 | 2,065 |
| -48 | -16 | 4 | 1 | 81,461 | 73,516 | 2,208 |
| -48 | -10 | 4 | 1 | 80,679 | 74,998 | 2,351 |
| -48 | -4 | 4 | 1 | 79,728 | 74,867 | 2,483 |
| -48 | 2 | 4 | 1 | 78,663 | 76,190 | 2,594 |
| -48 | 8 | 4 | 1 | 77,349 | 73,900 | 2,680 |
| -48 | 14 | 4 | 1 | 76,391 | 73,664 | 2,741 |
| -48 | 20 | 4 | 1 | 75,543 | 73,142 | 2,771 |
| -48 | 26 | 4 | 1 | 75,004 | 72,413 | 2,769 |
| -48 | 32 | 4 | 1 | 74,875 | 70,924 | 2,741 |
| -48 | 38 | 4 | 1 | 75,191 | 71,038 | 2,696 |
| -48 | 44 | 4 | 1 | 75,921 | 72,110 | 2,644 |
| -48 | 50 | 4 | 1 | 77,014 | 73,584 | 2,586 |
| -48 | 56 | 4 | 1 | 78,450 | 73,917 | 2,520 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| -48 | 62 | 4 | 1 | 79,854 | 75,247 | 2,456 |
| -48 | 68 | 4 | 1 | 81,319 | 76,397 | 2,401 |
| -48 | 74 | 4 | 1 | 82,790 | 78,836 | 2,353 |
| -48 | 80 | 4 | 1 | 84,369 | 78,906 | 2,306 |
| -48 | 86 | 4 | 1 | 85,696 | 81,890 | 2,259 |
| -48 | 92 | 4 | 1 | 86,963 | 82,882 | 2,208 |
| -48 | 98 | 5 | 1 | 89,675 | 83,914 | 2,154 |
| -48 | 104 | 5 | 1 | 93,255 | 83,411 | 2,095 |
| -48 | 110 | 5 | 1 | 96,479 | 82,044 | 2,032 |
| -48 | 116 | 5 | 1 | 99,147 | 82,705 | 1,968 |
| -48 | 122 | 5 | 1 | 101,087 | 84,415 | 1,904 |
| -48 | 128 | 5 | 1 | 102,881 | 86,658 | 1,840 |
| -48 | 134 | 5 | 1 | 104,144 | 88,898 | 1,777 |
| -48 | 140 | 5 | 1 | 104,534 | 88,542 | 1,716 |
| -48 | 146 | 5 | 1 | 104,176 | 95,712 | 1,655 |
| -48 | 152 | 6 | 1 | 104,551 | 99,609 | 1,597 |
| -48 | 158 | 6 | 1 | 106,426 | 97,226 | 1,540 |
| -48 | 164 | 6 | 1 | 108,177 | 98,473 | 1,484 |
| -48 | 170 | 6 | 1 | 109,252 | 96,316 | 1,430 |
| -45 | -97 | 6 | 1 | 100,147 | 69,256 | 1,043 |
| -45 | -91 | 5 | 1 | 99,578 | 71,170 | 1,091 |
| -45 | -85 | 5 | 1 | 100,025 | 73,291 | 1,141 |
| -45 | -79 | 5 | 1 | 99,249 | 75,318 | 1,194 |
| -45 | -73 | 5 | 1 | 98,775 | 76,158 | 1,251 |
| -45 | -67 | 5 | 1 | 97,599 | 77,403 | 1,311 |
| -45 | -61 | 5 | 1 | 95,666 | 76,811 | 1,377 |
| -45 | -55 | 5 | 1 | 93,654 | 76,239 | 1,450 |
| -45 | -49 | 5 | 1 | 91,386 | 74,771 | 1,534 |
| -45 | -43 | 5 | 1 | 88,757 | 72,819 | 1,631 |
| -45 | -37 | 5 | 1 | 85,948 | 74,129 | 1,746 |
| -45 | -31 | 4 | 1 | 83,881 | 75,031 | 1,876 |
| -45 | -25 | 4 | 1 | 83,134 | 75,175 | 2,014 |
| -45 | -19 | 4 | 1 | 82,290 | 73,065 | 2,154 |
| -45 | -13 | 4 | 1 | 81,411 | 73,511 | 2,295 |
| -45 | -7 | 4 | 1 | 80,318 | 74,451 | 2,432 |
| -45 | -1 | 4 | 1 | 78,960 | 74,359 | 2,556 |
| -45 | 5 | 4 | 1 | 77,417 | 74,220 | 2,656 |
| -45 | 11 | 4 | 1 | 75,914 | 72,864 | 2,732 |
| -45 | 17 | 4 | 1 | 74,668 | 71,823 | 2,779 |
| -45 | 23 | 4 | 1 | 73,751 | 71,100 | 2,794 |
| -45 | 29 | 4 | 1 | 73,299 | 70,910 | 2,780 |
| -45 | 35 | 4 | 1 | 73,385 | 70,588 | 2,746 |
| -45 | 41 | 4 | 1 | 74,040 | 70,926 | 2,701 |
| -45 | 47 | 4 | 1 | 75,253 | 72,078 | 2,649 |
| -45 | 53 | 4 | 1 | 76,911 | 73,156 | 2,590 |
| -45 | 59 | 4 | 1 | 78,675 | 74,647 | 2,526 |
| -45 | 65 | 4 | 1 | 80,453 | 75,992 | 2,469 |
| -45 | 71 | 4 | 1 | 82,169 | 78,285 | 2,421 |
| -45 | 77 | 4 | 1 | 83,990 | 79,029 | 2,377 |
| -45 | 83 | 4 | 1 | 85,752 | 81,762 | 2,332 |
| -45 | 89 | 4 | 1 | 87,491 | 83,659 | 2,285 |
| -45 | 95 | 4 | 1 | 88,670 | 85,249 | 2,232 |
| -45 | 101 | 5 | 1 | 91,695 | 84,622 | 2,175 |
| -45 | 107 | 5 | 1 | 95,433 | 83,426 | 2,112 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -45 | 113 | 5 | 1 | 98,675 | 81,918 | 2,047 |
| -45 | 119 | 5 | 1 | 101,239 | 84,976 | 1,980 |
| -45 | 125 | 5 | 1 | 102,964 | 84,898 | 1,913 |
| -45 | 131 | 5 | 1 | 104,446 | 88,589 | 1,847 |
| -45 | 137 | 5 | 1 | 105,502 | 89,831 | 1,782 |
| -45 | 143 | 5 | 1 | 105,513 | 97,448 | 1,719 |
| -45 | 149 | 5 | 1 | 105,296 | 96,685 | 1,656 |
| -45 | 155 | 6 | 1 | 106,357 | 100,926 | 1,595 |
| -45 | 161 | 6 | 1 | 107,202 | 98,568 | 1,536 |
| -45 | 167 | 6 | 1 | 109,726 | 98,624 | 1,479 |
| -42 | -100 | 6 | 1 | 102,188 | 68,887 | 1,036 |
| -42 | -94 | 5 | 1 | 100,353 | 70,693 | 1,085 |
| -42 | -88 | 5 | 1 | 101,065 | 73,559 | 1,136 |
| -42 | -82 | 5 | 1 | 100,658 | 75,189 | 1,190 |
| -42 | -76 | 5 | 1 | 100,157 | 76,358 | 1,246 |
| -42 | -70 | 5 | 1 | 99,229 | 77,594 | 1,306 |
| -42 | -64 | 5 | 1 | 97,380 | 78,574 | 1,370 |
| -42 | -58 | 5 | 1 | 95,490 | 77,834 | 1,440 |
| -42 | -52 | 5 | 1 | 93,163 | 76,304 | 1,517 |
| -42 | -46 | 5 | 1 | 90,340 | 72,659 | 1,605 |
| -42 | -40 | 5 | 1 | 87,271 | 73,580 | 1,708 |
| -42 | -34 | 4 | 1 | 85,172 | 74,569 | 1,829 |
| -42 | -28 | 4 | 1 | 84,378 | 75,066 | 1,962 |
| -42 | -22 | 4 | 1 | 83,368 | 75,234 | 2,101 |
| -42 | -16 | 4 | 1 | 82,125 | 73,576 | 2,238 |
| -42 | -10 | 4 | 1 | 80,921 | 73,170 | 2,374 |
| -42 | -4 | 4 | 1 | 79,333 | 72,873 | 2,502 |
| -42 | 2 | 4 | 1 | 77,494 | 74,450 | 2,613 |
| -42 | 8 | 4 | 1 | 75,478 | 72,408 | 2,702 |
| -42 | 14 | 4 | 1 | 73,689 | 71,566 | 2,765 |
| -42 | 20 | 4 | 1 | 72,214 | 71,006 | 2,796 |
| -42 | 26 | 4 | 1 | 71,427 | 70,240 | 2,796 |
| -42 | 32 | 4 | 1 | 71,273 | 69,671 | 2,774 |
| -42 | 38 | 4 | 1 | 71,768 | 69,940 | 2,738 |
| -42 | 44 | 4 | 1 | 72,909 | 71,090 | 2,695 |
| -42 | 50 | 4 | 1 | 74,653 | 71,896 | 2,645 |
| -42 | 56 | 4 | 1 | 76,839 | 73,065 | 2,587 |
| -42 | 62 | 4 | 1 | 79,005 | 75,290 | 2,529 |
| -42 | 68 | 4 | 1 | 81,113 | 77,312 | 2,482 |
| -42 | 74 | 4 | 1 | 83,175 | 78,788 | 2,441 |
| -42 | 80 | 4 | 1 | 85,385 | 81,256 | 2,401 |
| -42 | 86 | 4 | 1 | 87,545 | 81,986 | 2,358 |
| -42 | 92 | 4 | 1 | 89,249 | 85,204 | 2,310 |
| -42 | 98 | 4 | 1 | 90,223 | 85,457 | 2,255 |
| -42 | 104 | 5 | 1 | 93,852 | 84,523 | 2,194 |
| -42 | 110 | 5 | 1 | 97,671 | 83,807 | 2,128 |
| -42 | 116 | 5 | 1 | 100,863 | 83,246 | 2,059 |
| -42 | 122 | 5 | 1 | 103,276 | 87,097 | 1,990 |
| -42 | 128 | 5 | 1 | 104,742 | 85,213 | 1,921 |
| -42 | 134 | 5 | 1 | 105,922 | 91,536 | 1,852 |
| -42 | 140 | 5 | 1 | 106,725 | 96,075 | 1,785 |
| -42 | 146 | 5 | 1 | 106,270 | 98,176 | 1,719 |
| -42 | 152 | 5 | 1 | 106,233 | 99,445 | 1,654 |
| -42 | 158 | 6 | 1 | 107,810 | 99,941 | 1,591 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -42 | 164 | 6 | 1 | 109,228 | 99,634 | 1,530 |
| -42 | 170 | 6 | 1 | 110,582 | 96,720 | 1,471 |
| -39 | -97 | 5 | 1 | 101,449 | 70,015 | 1,078 |
| -39 | -91 | 5 | 1 | 101,887 | 73,346 | 1,130 |
| -39 | -85 | 5 | 1 | 101,971 | 75,080 | 1,184 |
| -39 | -79 | 5 | 1 | 101,430 | 78,155 | 1,241 |
| -39 | -73 | 5 | 1 | 100,833 | 78,827 | 1,301 |
| -39 | -67 | 5 | 1 | 99,128 | 78,828 | 1,365 |
| -39 | -61 | 5 | 1 | 97,401 | 79,901 | 1,432 |
| -39 | -55 | 5 | 1 | 95,077 | 78,412 | 1,505 |
| -39 | -49 | 5 | 1 | 92,090 | 77,012 | 1,586 |
| -39 | -43 | 5 | 1 | 88,757 | 75,904 | 1,679 |
| -39 | -37 | 4 | 1 | 86,437 | 76,360 | 1,787 |
| -39 | -31 | 4 | 1 | 85,575 | 75,962 | 1,912 |
| -39 | -25 | 4 | 1 | 84,448 | 74,677 | 2,046 |
| -39 | -19 | 4 | 1 | 83,194 | 74,321 | 2,182 |
| -39 | -13 | 4 | 1 | 81,561 | 73,639 | 2,314 |
| -39 | -7 | 4 | 1 | 79,827 | 72,942 | 2,439 |
| -39 | -1 | 4 | 1 | 77,664 | 72,928 | 2,554 |
| -39 | 5 | 4 | 1 | 75,183 | 72,425 | 2,651 |
| -39 | 11 | 4 | 1 | 72,747 | 71,336 | 2,727 |
| -39 | 17 | 3 | 1 | 70,815 | 70,021 | 2,774 |
| -39 | 23 | 3 | 1 | 70,013 | 68,876 | 2,787 |
| -39 | 29 | 3 | 1 | 69,666 | 68,271 | 2,776 |
| -39 | 35 | 3 | 1 | 69,929 | 67,747 | 2,750 |
| -39 | 41 | 3 | 1 | 70,630 | 69,201 | 2,716 |
| -39 | 47 | 4 | 1 | 71,646 | 70,498 | 2,677 |
| -39 | 53 | 4 | 1 | 74,110 | 72,200 | 2,630 |
| -39 | 59 | 4 | 1 | 76,887 | 73,442 | 2,577 |
| -39 | 65 | 4 | 1 | 79,489 | 75,969 | 2,532 |
| -39 | 71 | 4 | 1 | 81,891 | 78,079 | 2,496 |
| -39 | 77 | 4 | 1 | 84,514 | 79,909 | 2,462 |
| -39 | 83 | 4 | 1 | 87,038 | 81,613 | 2,426 |
| -39 | 89 | 4 | 1 | 89,282 | 84,186 | 2,385 |
| -39 | 95 | 4 | 1 | 90,989 | 86,036 | 2,334 |
| -39 | 101 | 4 | 1 | 91,962 | 86,968 | 2,276 |
| -39 | 107 | 5 | 1 | 96,066 | 86,860 | 2,210 |
| -39 | 113 | 5 | 1 | 99,884 | 85,699 | 2,141 |
| -39 | 119 | 5 | 1 | 102,978 | 86,113 | 2,070 |
| -39 | 125 | 5 | 1 | 105,209 | 87,665 | 1,998 |
| -39 | 131 | 5 | 1 | 106,380 | 92,358 | 1,926 |
| -39 | 137 | 5 | 1 | 107,291 | 92,864 | 1,854 |
| -39 | 143 | 5 | 1 | 107,778 | 98,465 | 1,784 |
| -39 | 149 | 5 | 1 | 106,820 | 98,437 | 1,715 |
| -39 | 155 | 6 | 1 | 107,410 | 102,295 | 1,648 |
| -39 | 161 | 6 | 1 | 108,766 | 98,393 | 1,583 |
| -39 | 167 | 6 | 1 | 110,904 | 100,856 | 1,520 |
| -36 | -100 | 6 | 1 | 103,442 | 69,704 | 1,069 |
| -36 | -94 | 5 | 1 | 102,419 | 72,925 | 1,122 |
| -36 | -88 | 5 | 1 | 103,137 | 75,088 | 1,177 |
| -36 | -82 | 5 | 1 | 102,540 | 77,573 | 1,235 |
| -36 | -76 | 5 | 1 | 102,369 | 80,574 | 1,295 |
| -36 | -70 | 5 | 1 | 100,871 | 82,114 | 1,359 |
| -36 | -64 | 5 | 1 | 99,343 | 81,767 | 1,426 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitatorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|---------|-------|
| -36 | -58 | 5 | 1 | 97,096 | 79,835 | 1,497 |
| -36 | -52 | 5 | 1 | 94,010 | 76,350 | 1,574 |
| -36 | -46 | 5 | 1 | 90,842 | 78,153 | 1,658 |
| -36 | -40 | 4 | 1 | 88,022 | 78,101 | 1,755 |
| -36 | -34 | 4 | 1 | 87,147 | 78,244 | 1,867 |
| -36 | -28 | 4 | 1 | 85,808 | 77,740 | 1,993 |
| -36 | -22 | 4 | 1 | 84,198 | 76,134 | 2,126 |
| -36 | -16 | 4 | 1 | 82,524 | 74,136 | 2,254 |
| -36 | -10 | 4 | 1 | 80,459 | 73,417 | 2,374 |
| -36 | -4 | 4 | 1 | 77,981 | 73,013 | 2,485 |
| -36 | 2 | 4 | 1 | 75,087 | 72,699 | 2,583 |
| -36 | 8 | 4 | 1 | 71,931 | 71,237 | 2,665 |
| -36 | 14 | 3 | 1 | 70,482 | 68,964 | 2,725 |
| -36 | 20 | 3 | 1 | 69,025 | 66,880 | 2,752 |
| -36 | 26 | 3 | 1 | 68,125 | 65,613 | 2,748 |
| -36 | 32 | 3 | 1 | 68,020 | 65,222 | 2,730 |
| -36 | 38 | 3 | 1 | 68,795 | 65,826 | 2,706 |
| -36 | 44 | 3 | 1 | 70,125 | 67,213 | 2,680 |
| -36 | 50 | 3 | 1 | 71,637 | 69,718 | 2,648 |
| -36 | 56 | 4 | 1 | 73,857 | 72,360 | 2,606 |
| -36 | 62 | 4 | 1 | 77,112 | 74,084 | 2,565 |
| -36 | 68 | 4 | 1 | 80,152 | 76,753 | 2,535 |
| -36 | 74 | 4 | 1 | 83,086 | 78,128 | 2,511 |
| -36 | 80 | 4 | 1 | 85,896 | 81,878 | 2,485 |
| -36 | 86 | 4 | 1 | 88,886 | 84,442 | 2,453 |
| -36 | 92 | 4 | 1 | 91,383 | 85,494 | 2,410 |
| -36 | 98 | 4 | 1 | 93,004 | 89,119 | 2,357 |
| -36 | 104 | 5 | 1 | 94,618 | 89,340 | 2,294 |
| -36 | 110 | 5 | 1 | 98,745 | 88,466 | 2,225 |
| -36 | 116 | 5 | 1 | 101,989 | 87,351 | 2,152 |
| -36 | 122 | 5 | 1 | 104,968 | 88,408 | 2,077 |
| -36 | 128 | 5 | 1 | 107,002 | 89,763 | 2,002 |
| -36 | 134 | 5 | 1 | 107,841 | 94,263 | 1,926 |
| -36 | 140 | 5 | 1 | 108,534 | 94,976 | 1,852 |
| -36 | 146 | 5 | 1 | 108,620 | 100,790 | 1,779 |
| -36 | 152 | 5 | 1 | 107,818 | 98,623 | 1,708 |
| -36 | 158 | 6 | 1 | 109,064 | 102,860 | 1,638 |
| -36 | 164 | 6 | 1 | 110,037 | 100,337 | 1,571 |
| -36 | 170 | 6 | 1 | 111,892 | 98,844 | 1,507 |
| -33 | -97 | 5 | 1 | 103,106 | 72,203 | 1,112 |
| -33 | -91 | 5 | 1 | 104,097 | 75,000 | 1,168 |
| -33 | -85 | 5 | 1 | 103,627 | 77,646 | 1,226 |
| -33 | -79 | 5 | 1 | 103,793 | 80,583 | 1,288 |
| -33 | -73 | 5 | 1 | 102,573 | 82,317 | 1,353 |
| -33 | -67 | 5 | 1 | 101,264 | 82,363 | 1,420 |
| -33 | -61 | 5 | 1 | 99,169 | 80,927 | 1,491 |
| -33 | -55 | 5 | 1 | 96,058 | 81,304 | 1,565 |
| -33 | -49 | 5 | 1 | 93,076 | 80,297 | 1,644 |
| -33 | -43 | 4 | 1 | 89,602 | 81,551 | 1,732 |
| -33 | -37 | 4 | 1 | 88,797 | 77,679 | 1,831 |
| -33 | -31 | 4 | 1 | 87,355 | 77,278 | 1,945 |
| -33 | -25 | 4 | 1 | 85,550 | 76,171 | 2,069 |
| -33 | -19 | 4 | 1 | 83,599 | 75,129 | 2,195 |
| -33 | -13 | 4 | 1 | 81,242 | 74,520 | 2,309 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -33 | -7 | 4 | 1 | 78,535 | 73,612 | 2,412 |
| -33 | -1 | 4 | 1 | 75,208 | 72,346 | 2,503 |
| -33 | 5 | 3 | 1 | 72,006 | 70,625 | 2,582 |
| -33 | 11 | 3 | 1 | 70,073 | 67,464 | 2,647 |
| -33 | 17 | 3 | 1 | 67,966 | 65,604 | 2,687 |
| -33 | 23 | 3 | 1 | 66,181 | 64,057 | 2,693 |
| -33 | 29 | 3 | 1 | 65,373 | 62,247 | 2,679 |
| -33 | 35 | 3 | 1 | 65,800 | 61,501 | 2,661 |
| -33 | 41 | 3 | 1 | 67,385 | 62,803 | 2,645 |
| -33 | 47 | 3 | 1 | 69,578 | 65,596 | 2,630 |
| -33 | 53 | 3 | 1 | 71,656 | 69,173 | 2,606 |
| -33 | 59 | 4 | 1 | 73,842 | 72,598 | 2,576 |
| -33 | 65 | 4 | 1 | 77,661 | 74,741 | 2,554 |
| -33 | 71 | 4 | 1 | 81,037 | 77,231 | 2,541 |
| -33 | 77 | 4 | 1 | 84,472 | 80,067 | 2,529 |
| -33 | 83 | 4 | 1 | 87,894 | 82,562 | 2,510 |
| -33 | 89 | 4 | 1 | 91,056 | 84,663 | 2,479 |
| -33 | 95 | 4 | 1 | 93,416 | 86,926 | 2,434 |
| -33 | 101 | 4 | 1 | 94,685 | 89,530 | 2,376 |
| -33 | 107 | 5 | 1 | 97,337 | 88,979 | 2,310 |
| -33 | 113 | 5 | 1 | 101,403 | 90,962 | 2,236 |
| -33 | 119 | 5 | 1 | 104,386 | 88,709 | 2,160 |
| -33 | 125 | 5 | 1 | 106,799 | 90,217 | 2,081 |
| -33 | 131 | 5 | 1 | 108,629 | 91,950 | 2,002 |
| -33 | 137 | 5 | 1 | 109,090 | 95,934 | 1,923 |
| -33 | 143 | 5 | 1 | 109,624 | 97,355 | 1,845 |
| -33 | 149 | 5 | 1 | 109,200 | 101,366 | 1,770 |
| -33 | 155 | 5 | 1 | 108,597 | 101,579 | 1,696 |
| -33 | 161 | 6 | 1 | 110,245 | 101,391 | 1,625 |
| -33 | 167 | 6 | 1 | 111,901 | 102,171 | 1,557 |
| -30 | -100 | 6 | 1 | 104,508 | 71,250 | 1,100 |
| -30 | -94 | 5 | 1 | 104,776 | 74,801 | 1,157 |
| -30 | -88 | 5 | 1 | 104,910 | 77,093 | 1,216 |
| -30 | -82 | 5 | 1 | 105,055 | 80,476 | 1,279 |
| -30 | -76 | 5 | 1 | 104,200 | 82,289 | 1,344 |
| -30 | -70 | 5 | 1 | 103,110 | 83,705 | 1,413 |
| -30 | -64 | 5 | 1 | 101,236 | 84,245 | 1,484 |
| -30 | -58 | 5 | 1 | 98,418 | 85,002 | 1,558 |
| -30 | -52 | 5 | 1 | 95,452 | 82,286 | 1,635 |
| -30 | -46 | 5 | 1 | 91,523 | 84,015 | 1,717 |
| -30 | -40 | 4 | 1 | 90,368 | 81,838 | 1,805 |
| -30 | -34 | 4 | 1 | 88,920 | 79,357 | 1,905 |
| -30 | -28 | 4 | 1 | 86,994 | 78,441 | 2,017 |
| -30 | -22 | 4 | 1 | 84,721 | 76,481 | 2,136 |
| -30 | -16 | 4 | 1 | 82,291 | 75,738 | 2,247 |
| -30 | -10 | 4 | 1 | 79,369 | 74,226 | 2,341 |
| -30 | -4 | 4 | 1 | 75,544 | 72,466 | 2,420 |
| -30 | 2 | 3 | 1 | 72,312 | 69,708 | 2,487 |
| -30 | 8 | 3 | 1 | 69,901 | 66,102 | 2,546 |
| -30 | 14 | 3 | 1 | 66,831 | 63,848 | 2,592 |
| -30 | 20 | 3 | 1 | 63,962 | 61,418 | 2,608 |
| -30 | 26 | 3 | 1 | 62,131 | 59,975 | 2,595 |
| -30 | 32 | 3 | 1 | 61,843 | 58,610 | 2,578 |
| -30 | 38 | 3 | 1 | 63,333 | 59,604 | 2,569 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|---------|-------|
| -30 | 44 | 3 | 1 | 66,017 | 61,342 | 2,568 |
| -30 | 50 | 3 | 1 | 69,058 | 64,007 | 2,566 |
| -30 | 56 | 3 | 1 | 71,695 | 68,974 | 2,556 |
| -30 | 62 | 4 | 1 | 74,107 | 73,107 | 2,546 |
| -30 | 68 | 4 | 1 | 78,481 | 75,534 | 2,547 |
| -30 | 74 | 4 | 1 | 82,294 | 77,703 | 2,552 |
| -30 | 80 | 4 | 1 | 86,041 | 81,964 | 2,551 |
| -30 | 86 | 4 | 1 | 89,916 | 85,606 | 2,536 |
| -30 | 92 | 4 | 1 | 93,215 | 88,081 | 2,504 |
| -30 | 98 | 4 | 1 | 95,435 | 90,366 | 2,455 |
| -30 | 104 | 4 | 1 | 96,397 | 90,855 | 2,393 |
| -30 | 110 | 5 | 1 | 99,947 | 92,954 | 2,322 |
| -30 | 116 | 5 | 1 | 103,898 | 92,012 | 2,244 |
| -30 | 122 | 5 | 1 | 106,656 | 89,732 | 2,163 |
| -30 | 128 | 5 | 1 | 108,459 | 90,832 | 2,080 |
| -30 | 134 | 5 | 1 | 110,072 | 94,194 | 1,997 |
| -30 | 140 | 5 | 1 | 110,093 | 97,283 | 1,915 |
| -30 | 146 | 5 | 1 | 110,530 | 99,867 | 1,834 |
| -30 | 152 | 5 | 1 | 109,454 | 101,358 | 1,756 |
| -30 | 158 | 6 | 1 | 110,019 | 104,614 | 1,681 |
| -30 | 164 | 6 | 1 | 110,776 | 101,114 | 1,608 |
| -30 | 170 | 6 | 1 | 113,090 | 101,218 | 1,539 |
| -27 | -97 | 5 | 1 | 105,087 | 74,324 | 1,144 |
| -27 | -91 | 5 | 1 | 106,008 | 76,322 | 1,204 |
| -27 | -85 | 5 | 1 | 106,099 | 80,251 | 1,267 |
| -27 | -79 | 5 | 1 | 105,719 | 82,068 | 1,334 |
| -27 | -73 | 5 | 1 | 104,828 | 83,575 | 1,403 |
| -27 | -67 | 5 | 1 | 103,246 | 84,648 | 1,476 |
| -27 | -61 | 5 | 1 | 100,774 | 85,469 | 1,550 |
| -27 | -55 | 5 | 1 | 97,912 | 86,051 | 1,627 |
| -27 | -49 | 5 | 1 | 93,870 | 86,301 | 1,706 |
| -27 | -43 | 4 | 1 | 92,149 | 86,026 | 1,789 |
| -27 | -37 | 4 | 1 | 90,965 | 82,657 | 1,877 |
| -27 | -31 | 4 | 1 | 88,894 | 81,993 | 1,975 |
| -27 | -25 | 4 | 1 | 86,296 | 77,588 | 2,081 |
| -27 | -19 | 4 | 1 | 83,531 | 76,785 | 2,186 |
| -27 | -13 | 4 | 1 | 80,369 | 74,938 | 2,275 |
| -27 | -7 | 4 | 1 | 76,421 | 73,132 | 2,341 |
| -27 | -1 | 3 | 1 | 72,705 | 69,776 | 2,390 |
| -27 | 5 | 3 | 1 | 69,821 | 64,996 | 2,431 |
| -27 | 11 | 3 | 1 | 65,948 | 62,474 | 2,469 |
| -27 | 17 | 3 | 1 | 61,797 | 59,152 | 2,491 |
| -27 | 23 | 3 | 1 | 58,591 | 56,699 | 2,483 |
| -27 | 29 | 3 | 1 | 57,157 | 54,487 | 2,462 |
| -27 | 35 | 3 | 1 | 57,915 | 55,017 | 2,451 |
| -27 | 41 | 3 | 1 | 60,704 | 57,189 | 2,460 |
| -27 | 47 | 3 | 1 | 64,743 | 60,344 | 2,479 |
| -27 | 53 | 3 | 1 | 68,771 | 63,712 | 2,494 |
| -27 | 59 | 3 | 1 | 72,000 | 69,153 | 2,505 |
| -27 | 65 | 4 | 1 | 74,915 | 73,221 | 2,522 |
| -27 | 71 | 4 | 1 | 79,535 | 76,481 | 2,548 |
| -27 | 77 | 4 | 1 | 83,879 | 79,083 | 2,569 |
| -27 | 83 | 4 | 1 | 88,308 | 82,772 | 2,576 |
| -27 | 89 | 4 | 1 | 92,458 | 85,891 | 2,562 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -27 | 95 | 4 | 1 | 95,616 | 91,812 | 2,527 |
| -27 | 101 | 4 | 1 | 97,432 | 92,960 | 2,474 |
| -27 | 107 | 5 | 1 | 98,128 | 93,644 | 2,406 |
| -27 | 113 | 5 | 1 | 102,342 | 92,503 | 2,329 |
| -27 | 119 | 5 | 1 | 106,169 | 91,520 | 2,247 |
| -27 | 125 | 5 | 1 | 108,697 | 90,395 | 2,161 |
| -27 | 131 | 5 | 1 | 109,949 | 92,040 | 2,073 |
| -27 | 137 | 5 | 1 | 111,315 | 96,513 | 1,987 |
| -27 | 143 | 5 | 1 | 110,808 | 98,213 | 1,901 |
| -27 | 149 | 5 | 1 | 111,205 | 102,487 | 1,818 |
| -27 | 155 | 5 | 1 | 109,776 | 100,634 | 1,738 |
| -27 | 161 | 6 | 1 | 111,474 | 104,465 | 1,662 |
| -27 | 167 | 6 | 1 | 112,603 | 102,445 | 1,589 |
| -24 | -100 | 6 | 1 | 105,790 | 73,326 | 1,128 |
| -24 | -94 | 5 | 1 | 106,849 | 76,078 | 1,189 |
| -24 | -88 | 5 | 1 | 106,860 | 79,674 | 1,253 |
| -24 | -82 | 5 | 1 | 107,091 | 81,927 | 1,320 |
| -24 | -76 | 5 | 1 | 106,368 | 85,077 | 1,391 |
| -24 | -70 | 5 | 1 | 105,153 | 86,555 | 1,465 |
| -24 | -64 | 5 | 1 | 103,049 | 85,773 | 1,541 |
| -24 | -58 | 5 | 1 | 100,375 | 85,548 | 1,619 |
| -24 | -52 | 5 | 1 | 96,508 | 88,401 | 1,698 |
| -24 | -46 | 4 | 1 | 93,863 | 86,743 | 1,778 |
| -24 | -40 | 4 | 1 | 92,889 | 85,875 | 1,860 |
| -24 | -34 | 4 | 1 | 90,798 | 83,067 | 1,944 |
| -24 | -28 | 4 | 1 | 88,039 | 80,288 | 2,035 |
| -24 | -22 | 4 | 1 | 84,944 | 77,589 | 2,128 |
| -24 | -16 | 4 | 1 | 81,519 | 76,086 | 2,211 |
| -24 | -10 | 4 | 1 | 77,514 | 73,834 | 2,268 |
| -24 | -4 | 3 | 1 | 73,147 | 70,380 | 2,299 |
| -24 | 2 | 3 | 1 | 70,100 | 64,831 | 2,315 |
| -24 | 8 | 3 | 1 | 65,451 | 60,550 | 2,332 |
| -24 | 14 | 3 | 1 | 59,948 | 57,311 | 2,347 |
| -24 | 20 | 3 | 1 | 55,114 | 53,428 | 2,343 |
| -24 | 26 | 3 | 1 | 52,124 | 50,365 | 2,318 |
| -24 | 32 | 3 | 1 | 51,617 | 49,471 | 2,300 |
| -24 | 38 | 3 | 1 | 53,841 | 51,284 | 2,307 |
| -24 | 44 | 3 | 1 | 58,319 | 55,138 | 2,340 |
| -24 | 50 | 3 | 1 | 63,805 | 59,467 | 2,383 |
| -24 | 56 | 3 | 1 | 68,778 | 64,217 | 2,421 |
| -24 | 62 | 3 | 1 | 72,352 | 69,653 | 2,461 |
| -24 | 68 | 4 | 1 | 75,940 | 74,078 | 2,509 |
| -24 | 74 | 4 | 1 | 80,859 | 77,635 | 2,556 |
| -24 | 80 | 4 | 1 | 85,789 | 81,693 | 2,591 |
| -24 | 86 | 4 | 1 | 90,686 | 86,522 | 2,602 |
| -24 | 92 | 4 | 1 | 94,849 | 89,927 | 2,587 |
| -24 | 98 | 4 | 1 | 97,656 | 91,943 | 2,547 |
| -24 | 104 | 4 | 1 | 98,910 | 95,808 | 2,488 |
| -24 | 110 | 5 | 1 | 101,090 | 95,987 | 2,414 |
| -24 | 116 | 5 | 1 | 105,012 | 93,781 | 2,331 |
| -24 | 122 | 5 | 1 | 108,191 | 90,754 | 2,243 |
| -24 | 128 | 5 | 1 | 110,491 | 92,644 | 2,152 |
| -24 | 134 | 5 | 1 | 111,277 | 93,860 | 2,061 |
| -24 | 140 | 5 | 1 | 112,339 | 98,916 | 1,971 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -24 | 146 | 5 | 1 | 111,691 | 98,615 | 1,883 |
| -24 | 152 | 5 | 1 | 111,585 | 104,491 | 1,798 |
| -24 | 158 | 6 | 1 | 110,495 | 103,323 | 1,717 |
| -24 | 164 | 6 | 1 | 112,303 | 102,415 | 1,640 |
| -24 | 170 | 6 | 1 | 114,065 | 103,628 | 1,566 |
| -21 | -97 | 5 | 1 | 107,339 | 75,722 | 1,171 |
| -21 | -91 | 5 | 1 | 107,377 | 78,835 | 1,236 |
| -21 | -85 | 5 | 1 | 108,271 | 81,602 | 1,304 |
| -21 | -79 | 5 | 1 | 107,678 | 85,193 | 1,376 |
| -21 | -73 | 5 | 1 | 106,923 | 86,866 | 1,451 |
| -21 | -67 | 5 | 1 | 105,182 | 87,431 | 1,529 |
| -21 | -61 | 5 | 1 | 102,764 | 86,698 | 1,609 |
| -21 | -55 | 5 | 1 | 99,327 | 90,169 | 1,690 |
| -21 | -49 | 5 | 1 | 95,251 | 89,992 | 1,770 |
| -21 | -43 | 4 | 1 | 94,636 | 88,956 | 1,849 |
| -21 | -37 | 4 | 1 | 93,075 | 87,172 | 1,925 |
| -21 | -31 | 4 | 1 | 90,282 | 83,378 | 2,002 |
| -21 | -25 | 4 | 1 | 86,692 | 80,180 | 2,079 |
| -21 | -19 | 4 | 1 | 82,874 | 77,509 | 2,152 |
| -21 | -13 | 4 | 1 | 78,785 | 74,521 | 2,202 |
| -21 | -7 | 3 | 1 | 73,838 | 71,005 | 2,220 |
| -21 | -1 | 3 | 1 | 70,625 | 65,601 | 2,211 |
| -21 | 5 | 3 | 1 | 65,440 | 58,822 | 2,195 |
| -21 | 11 | 3 | 1 | 58,728 | 55,493 | 2,188 |
| -21 | 17 | 3 | 1 | 52,111 | 50,324 | 2,180 |
| -21 | 23 | 3 | 1 | 47,344 | 45,963 | 2,156 |
| -21 | 29 | 3 | 1 | 45,306 | 43,309 | 2,127 |
| -21 | 35 | 3 | 1 | 46,202 | 44,445 | 2,123 |
| -21 | 41 | 3 | 1 | 50,144 | 48,417 | 2,156 |
| -21 | 47 | 3 | 1 | 56,520 | 53,897 | 2,219 |
| -21 | 53 | 3 | 1 | 63,388 | 59,865 | 2,289 |
| -21 | 59 | 3 | 1 | 69,020 | 65,036 | 2,360 |
| -21 | 65 | 3 | 1 | 72,918 | 70,869 | 2,434 |
| -21 | 71 | 4 | 1 | 77,225 | 75,499 | 2,509 |
| -21 | 77 | 4 | 1 | 82,587 | 79,432 | 2,573 |
| -21 | 83 | 4 | 1 | 88,201 | 84,910 | 2,616 |
| -21 | 89 | 4 | 1 | 93,460 | 89,894 | 2,629 |
| -21 | 95 | 4 | 1 | 97,470 | 93,479 | 2,609 |
| -21 | 101 | 4 | 1 | 99,836 | 95,627 | 2,563 |
| -21 | 107 | 4 | 1 | 100,582 | 96,351 | 2,496 |
| -21 | 113 | 5 | 1 | 103,777 | 96,267 | 2,416 |
| -21 | 119 | 5 | 1 | 107,510 | 94,995 | 2,326 |
| -21 | 125 | 5 | 1 | 109,967 | 91,579 | 2,233 |
| -21 | 131 | 5 | 1 | 112,031 | 93,631 | 2,137 |
| -21 | 137 | 5 | 1 | 112,448 | 95,309 | 2,042 |
| -21 | 143 | 5 | 1 | 113,114 | 101,397 | 1,949 |
| -21 | 149 | 5 | 1 | 112,468 | 100,575 | 1,860 |
| -21 | 155 | 5 | 1 | 111,592 | 104,108 | 1,774 |
| -21 | 161 | 6 | 1 | 112,276 | 106,608 | 1,692 |
| -21 | 167 | 6 | 1 | 112,884 | 102,116 | 1,615 |
| -18 | -100 | 6 | 1 | 107,697 | 75,225 | 1,152 |
| -18 | -94 | 5 | 1 | 108,400 | 77,753 | 1,216 |
| -18 | -88 | 5 | 1 | 109,196 | 81,177 | 1,284 |
| -18 | -82 | 5 | 1 | 108,701 | 84,601 | 1,357 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|---------|-------|
| -18 | -76 | 5 | 1 | 108,526 | 86,546 | 1,433 |
| -18 | -70 | 5 | 1 | 107,118 | 88,609 | 1,513 |
| -18 | -64 | 5 | 1 | 105,021 | 87,462 | 1,595 |
| -18 | -58 | 5 | 1 | 102,062 | 89,695 | 1,678 |
| -18 | -52 | 5 | 1 | 98,078 | 89,763 | 1,761 |
| -18 | -46 | 4 | 1 | 96,570 | 91,794 | 1,840 |
| -18 | -40 | 4 | 1 | 95,284 | 91,286 | 1,914 |
| -18 | -34 | 4 | 1 | 92,508 | 87,212 | 1,983 |
| -18 | -28 | 4 | 1 | 88,949 | 83,884 | 2,045 |
| -18 | -22 | 4 | 1 | 84,751 | 79,187 | 2,102 |
| -18 | -16 | 4 | 1 | 80,278 | 76,470 | 2,143 |
| -18 | -10 | 4 | 1 | 74,878 | 72,199 | 2,153 |
| -18 | -4 | 3 | 1 | 71,358 | 66,262 | 2,125 |
| -18 | 2 | 3 | 1 | 65,971 | 58,896 | 2,077 |
| -18 | 8 | 3 | 1 | 58,337 | 53,517 | 2,034 |
| -18 | 14 | 3 | 1 | 50,018 | 48,266 | 2,006 |
| -18 | 20 | 3 | 1 | 43,287 | 42,428 | 1,980 |
| -18 | 26 | 3 | 1 | 39,625 | 38,081 | 1,948 |
| -18 | 32 | 3 | 1 | 38,990 | 37,338 | 1,928 |
| -18 | 38 | 3 | 1 | 41,371 | 40,183 | 1,946 |
| -18 | 44 | 3 | 1 | 47,348 | 46,261 | 2,011 |
| -18 | 50 | 3 | 1 | 55,553 | 53,411 | 2,107 |
| -18 | 56 | 3 | 1 | 63,569 | 60,044 | 2,213 |
| -18 | 62 | 3 | 1 | 69,696 | 64,888 | 2,319 |
| -18 | 68 | 3 | 1 | 73,692 | 72,018 | 2,424 |
| -18 | 74 | 4 | 1 | 78,867 | 76,916 | 2,520 |
| -18 | 80 | 4 | 1 | 84,951 | 82,278 | 2,597 |
| -18 | 86 | 4 | 1 | 91,054 | 87,664 | 2,644 |
| -18 | 92 | 4 | 1 | 96,202 | 91,676 | 2,653 |
| -18 | 98 | 4 | 1 | 99,657 | 97,198 | 2,627 |
| -18 | 104 | 4 | 1 | 101,308 | 98,764 | 2,573 |
| -18 | 110 | 5 | 1 | 101,798 | 97,741 | 2,498 |
| -18 | 116 | 5 | 1 | 106,155 | 95,398 | 2,410 |
| -18 | 122 | 5 | 1 | 109,703 | 94,750 | 2,314 |
| -18 | 128 | 5 | 1 | 111,519 | 93,556 | 2,215 |
| -18 | 134 | 5 | 1 | 113,315 | 96,059 | 2,115 |
| -18 | 140 | 5 | 1 | 113,459 | 96,477 | 2,017 |
| -18 | 146 | 5 | 1 | 113,594 | 102,285 | 1,923 |
| -18 | 152 | 5 | 1 | 113,003 | 103,464 | 1,832 |
| -18 | 158 | 5 | 1 | 111,126 | 102,859 | 1,746 |
| -18 | 164 | 6 | 1 | 113,470 | 105,500 | 1,664 |
| -18 | 170 | 6 | 1 | 114,697 | 104,082 | 1,588 |
| -15 | -97 | 5 | 1 | 109,108 | 76,542 | 1,194 |
| -15 | -91 | 5 | 1 | 109,788 | 80,641 | 1,262 |
| -15 | -85 | 5 | 1 | 109,591 | 83,761 | 1,335 |
| -15 | -79 | 5 | 1 | 109,927 | 85,923 | 1,412 |
| -15 | -73 | 5 | 1 | 108,811 | 88,149 | 1,493 |
| -15 | -67 | 5 | 1 | 107,112 | 88,824 | 1,577 |
| -15 | -61 | 5 | 1 | 104,638 | 88,952 | 1,663 |
| -15 | -55 | 5 | 1 | 100,817 | 91,578 | 1,748 |
| -15 | -49 | 4 | 1 | 98,063 | 93,085 | 1,830 |
| -15 | -43 | 4 | 1 | 97,123 | 91,460 | 1,906 |
| -15 | -37 | 4 | 1 | 95,145 | 90,952 | 1,972 |
| -15 | -31 | 4 | 1 | 91,489 | 87,924 | 2,025 |

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Obliczenia pełne dla zespołu emitatorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|---------|-------|
| -15 | -25 | 4 | 1 | 86,884 | 82,898 | 2,067 |
| -15 | -19 | 4 | 1 | 82,054 | 78,196 | 2,094 |
| -15 | -13 | 4 | 1 | 76,646 | 74,126 | 2,097 |
| -15 | -7 | 3 | 1 | 72,300 | 68,578 | 2,059 |
| -15 | -1 | 3 | 1 | 66,979 | 60,245 | 1,986 |
| -15 | 5 | 3 | 1 | 58,830 | 53,829 | 1,904 |
| -15 | 11 | 3 | 1 | 49,195 | 46,683 | 1,841 |
| -15 | 17 | 2 | 1 | 40,427 | 39,945 | 1,800 |
| -15 | 23 | 3 | 1 | 35,031 | 34,398 | 1,768 |
| -15 | 29 | 3 | 1 | 32,988 | 31,551 | 1,739 |
| -15 | 35 | 3 | 1 | 33,693 | 32,524 | 1,735 |
| -15 | 41 | 2 | 1 | 38,190 | 37,391 | 1,783 |
| -15 | 47 | 3 | 1 | 45,994 | 45,047 | 1,885 |
| -15 | 53 | 3 | 1 | 55,672 | 52,913 | 2,019 |
| -15 | 59 | 3 | 1 | 64,305 | 60,712 | 2,163 |
| -15 | 65 | 3 | 1 | 70,509 | 66,543 | 2,303 |
| -15 | 71 | 3 | 1 | 74,659 | 73,771 | 2,430 |
| -15 | 77 | 4 | 1 | 80,955 | 78,643 | 2,540 |
| -15 | 83 | 4 | 1 | 87,661 | 84,021 | 2,626 |
| -15 | 89 | 4 | 1 | 93,838 | 92,126 | 2,672 |
| -15 | 95 | 4 | 1 | 98,835 | 96,017 | 2,675 |
| -15 | 101 | 4 | 1 | 101,846 | 97,717 | 2,640 |
| -15 | 107 | 4 | 1 | 102,887 | 98,818 | 2,575 |
| -15 | 113 | 5 | 1 | 104,673 | 99,273 | 2,491 |
| -15 | 119 | 5 | 1 | 108,233 | 96,051 | 2,395 |
| -15 | 125 | 5 | 1 | 111,597 | 93,752 | 2,293 |
| -15 | 131 | 5 | 1 | 112,869 | 95,080 | 2,189 |
| -15 | 137 | 5 | 1 | 114,330 | 98,544 | 2,087 |
| -15 | 143 | 5 | 1 | 114,289 | 99,038 | 1,987 |
| -15 | 149 | 5 | 1 | 113,719 | 102,411 | 1,892 |
| -15 | 155 | 5 | 1 | 113,209 | 106,413 | 1,801 |
| -15 | 161 | 6 | 1 | 112,480 | 104,780 | 1,715 |
| -15 | 167 | 6 | 1 | 113,839 | 102,769 | 1,634 |
| -12 | -100 | 5 | 1 | 109,376 | 76,063 | 1,169 |
| -12 | -94 | 5 | 1 | 109,945 | 79,907 | 1,237 |
| -12 | -88 | 5 | 1 | 110,692 | 82,659 | 1,309 |
| -12 | -82 | 5 | 1 | 111,083 | 86,191 | 1,386 |
| -12 | -76 | 5 | 1 | 110,215 | 87,598 | 1,468 |
| -12 | -70 | 5 | 1 | 109,016 | 88,209 | 1,554 |
| -12 | -64 | 5 | 1 | 107,000 | 88,032 | 1,642 |
| -12 | -58 | 5 | 1 | 103,400 | 92,913 | 1,730 |
| -12 | -52 | 5 | 1 | 99,598 | 92,566 | 1,817 |
| -12 | -46 | 4 | 1 | 99,151 | 94,003 | 1,897 |
| -12 | -40 | 4 | 1 | 97,509 | 93,008 | 1,965 |
| -12 | -34 | 4 | 1 | 94,192 | 89,462 | 2,016 |
| -12 | -28 | 4 | 1 | 89,601 | 86,429 | 2,048 |
| -12 | -22 | 4 | 1 | 84,132 | 80,190 | 2,060 |
| -12 | -16 | 4 | 1 | 78,553 | 75,995 | 2,051 |
| -12 | -10 | 3 | 1 | 73,342 | 71,125 | 2,010 |
| -12 | -4 | 3 | 1 | 68,325 | 62,062 | 1,924 |
| -12 | 2 | 3 | 1 | 60,167 | 54,695 | 1,810 |
| -12 | 8 | 3 | 1 | 49,751 | 46,984 | 1,704 |
| -12 | 14 | 2 | 1 | 39,577 | 38,671 | 1,631 |
| -12 | 20 | 2 | 1 | 32,121 | 31,485 | 1,588 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|---------|-------|
| -12 | 26 | 3 | 1 | 28,188 | 27,296 | 1,559 |
| -12 | 32 | 3 | 1 | 27,511 | 26,365 | 1,540 |
| -12 | 38 | 2 | 1 | 30,098 | 29,496 | 1,558 |
| -12 | 44 | 2 | 1 | 36,701 | 36,366 | 1,644 |
| -12 | 50 | 3 | 1 | 46,181 | 44,862 | 1,788 |
| -12 | 56 | 3 | 1 | 56,680 | 53,419 | 1,963 |
| -12 | 62 | 3 | 1 | 65,631 | 60,949 | 2,143 |
| -12 | 68 | 3 | 1 | 71,631 | 68,582 | 2,307 |
| -12 | 74 | 4 | 1 | 76,321 | 75,615 | 2,448 |
| -12 | 80 | 4 | 1 | 83,478 | 81,714 | 2,569 |
| -12 | 86 | 4 | 1 | 90,682 | 88,681 | 2,658 |
| -12 | 92 | 4 | 1 | 97,010 | 93,524 | 2,699 |
| -12 | 98 | 4 | 1 | 101,281 | 98,064 | 2,691 |
| -12 | 104 | 4 | 1 | 103,241 | 100,835 | 2,643 |
| -12 | 110 | 4 | 1 | 103,849 | 99,510 | 2,567 |
| -12 | 116 | 5 | 1 | 107,224 | 98,356 | 2,473 |
| -12 | 122 | 5 | 1 | 110,413 | 96,622 | 2,370 |
| -12 | 128 | 5 | 1 | 113,202 | 94,430 | 2,263 |
| -12 | 134 | 5 | 1 | 114,036 | 94,277 | 2,156 |
| -12 | 140 | 5 | 1 | 115,055 | 100,080 | 2,052 |
| -12 | 146 | 5 | 1 | 114,897 | 101,745 | 1,951 |
| -12 | 152 | 5 | 1 | 113,435 | 101,766 | 1,856 |
| -12 | 158 | 5 | 1 | 112,978 | 106,358 | 1,765 |
| -12 | 164 | 6 | 1 | 114,110 | 107,451 | 1,680 |
| -12 | 170 | 6 | 1 | 114,866 | 103,362 | 1,600 |
| -9 | -97 | 5 | 1 | 110,160 | 78,516 | 1,209 |
| -9 | -91 | 5 | 1 | 111,513 | 81,277 | 1,281 |
| -9 | -85 | 5 | 1 | 111,929 | 85,512 | 1,357 |
| -9 | -79 | 5 | 1 | 111,277 | 86,983 | 1,439 |
| -9 | -73 | 5 | 1 | 110,715 | 89,985 | 1,525 |
| -9 | -67 | 5 | 1 | 109,113 | 90,126 | 1,615 |
| -9 | -61 | 5 | 1 | 106,005 | 92,473 | 1,706 |
| -9 | -55 | 5 | 1 | 102,538 | 93,081 | 1,797 |
| -9 | -49 | 4 | 1 | 100,632 | 95,544 | 1,882 |
| -9 | -43 | 4 | 1 | 99,540 | 93,485 | 1,956 |
| -9 | -37 | 4 | 1 | 97,033 | 93,314 | 2,011 |
| -9 | -31 | 4 | 1 | 92,450 | 87,659 | 2,041 |
| -9 | -25 | 4 | 1 | 86,879 | 83,784 | 2,043 |
| -9 | -19 | 4 | 1 | 80,692 | 77,929 | 2,020 |
| -9 | -13 | 3 | 1 | 74,440 | 72,810 | 1,973 |
| -9 | -7 | 3 | 1 | 69,964 | 65,308 | 1,886 |
| -9 | -1 | 3 | 1 | 62,190 | 56,764 | 1,752 |
| -9 | 5 | 3 | 1 | 51,465 | 48,137 | 1,606 |
| -9 | 11 | 3 | 1 | 40,383 | 38,968 | 1,490 |
| -9 | 17 | 2 | 1 | 31,259 | 30,564 | 1,417 |
| -9 | 23 | 3 | 1 | 24,853 | 24,259 | 1,379 |
| -9 | 29 | 3 | 1 | 22,223 | 21,327 | 1,356 |
| -9 | 35 | 3 | 1 | 24,719 | 23,392 | 1,351 |
| -9 | 41 | 3 | 1 | 29,753 | 28,858 | 1,405 |
| -9 | 47 | 3 | 1 | 37,368 | 36,376 | 1,539 |
| -9 | 53 | 3 | 1 | 47,495 | 45,373 | 1,726 |
| -9 | 59 | 3 | 1 | 58,445 | 54,959 | 1,941 |
| -9 | 65 | 3 | 1 | 67,214 | 62,860 | 2,150 |
| -9 | 71 | 3 | 1 | 72,868 | 70,500 | 2,327 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| -9 | 77 | 4 | 1 | 78,692 | 77,450 | 2,477 |
| -9 | 83 | 4 | 1 | 86,480 | 84,613 | 2,605 |
| -9 | 89 | 4 | 1 | 94,012 | 91,048 | 2,691 |
| -9 | 95 | 4 | 1 | 99,648 | 97,426 | 2,720 |
| -9 | 101 | 4 | 1 | 103,330 | 99,836 | 2,697 |
| -9 | 107 | 4 | 1 | 104,788 | 100,452 | 2,635 |
| -9 | 113 | 5 | 1 | 105,151 | 101,168 | 2,548 |
| -9 | 119 | 5 | 1 | 109,457 | 97,107 | 2,445 |
| -9 | 125 | 5 | 1 | 112,310 | 96,646 | 2,336 |
| -9 | 131 | 5 | 1 | 114,528 | 95,429 | 2,225 |
| -9 | 137 | 5 | 1 | 115,024 | 95,608 | 2,116 |
| -9 | 143 | 5 | 1 | 115,446 | 100,874 | 2,011 |
| -9 | 149 | 5 | 1 | 115,216 | 104,545 | 1,911 |
| -9 | 155 | 5 | 1 | 113,907 | 103,964 | 1,816 |
| -9 | 161 | 6 | 1 | 112,779 | 104,456 | 1,726 |
| -9 | 167 | 6 | 1 | 114,940 | 105,737 | 1,642 |
| -6 | -100 | 5 | 1 | 110,738 | 76,833 | 1,179 |
| -6 | -94 | 5 | 1 | 111,943 | 80,582 | 1,249 |
| -6 | -88 | 5 | 1 | 112,380 | 84,712 | 1,325 |
| -6 | -82 | 5 | 1 | 112,163 | 86,320 | 1,406 |
| -6 | -76 | 5 | 1 | 112,186 | 90,689 | 1,492 |
| -6 | -70 | 5 | 1 | 110,947 | 91,751 | 1,582 |
| -6 | -64 | 5 | 1 | 108,347 | 91,535 | 1,676 |
| -6 | -58 | 5 | 1 | 105,270 | 94,223 | 1,770 |
| -6 | -52 | 4 | 1 | 101,544 | 94,950 | 1,860 |
| -6 | -46 | 4 | 1 | 101,517 | 96,457 | 1,941 |
| -6 | -40 | 4 | 1 | 99,391 | 93,932 | 2,004 |
| -6 | -34 | 4 | 1 | 95,667 | 91,986 | 2,040 |
| -6 | -28 | 4 | 1 | 89,905 | 85,478 | 2,040 |
| -6 | -22 | 4 | 1 | 83,351 | 80,118 | 2,006 |
| -6 | -16 | 4 | 1 | 76,513 | 74,668 | 1,949 |
| -6 | -10 | 3 | 1 | 71,570 | 68,157 | 1,863 |
| -6 | -4 | 3 | 1 | 64,602 | 58,867 | 1,725 |
| -6 | 2 | 3 | 1 | 54,074 | 50,555 | 1,550 |
| -6 | 8 | 3 | 1 | 42,461 | 40,527 | 1,389 |
| -6 | 14 | 3 | 1 | 32,682 | 31,385 | 1,271 |
| -6 | 20 | 3 | 1 | 25,513 | 24,059 | 1,203 |
| -6 | 26 | 3 | 1 | 20,755 | 19,041 | 1,173 |
| -6 | 32 | 3 | 1 | 21,007 | 19,408 | 1,160 |
| -6 | 38 | 3 | 1 | 24,886 | 23,502 | 1,184 |
| -6 | 44 | 3 | 1 | 30,606 | 29,139 | 1,290 |
| -6 | 50 | 3 | 1 | 38,877 | 37,263 | 1,474 |
| -6 | 56 | 3 | 1 | 49,698 | 47,127 | 1,707 |
| -6 | 62 | 3 | 1 | 60,728 | 57,462 | 1,957 |
| -6 | 68 | 3 | 1 | 69,022 | 64,685 | 2,178 |
| -6 | 74 | 3 | 1 | 74,360 | 72,774 | 2,358 |
| -6 | 80 | 4 | 1 | 81,497 | 80,040 | 2,515 |
| -6 | 86 | 4 | 1 | 89,947 | 87,303 | 2,645 |
| -6 | 92 | 4 | 1 | 97,027 | 95,054 | 2,720 |
| -6 | 98 | 4 | 1 | 102,333 | 98,255 | 2,731 |
| -6 | 104 | 4 | 1 | 104,880 | 101,818 | 2,691 |
| -6 | 110 | 4 | 1 | 105,584 | 101,233 | 2,614 |
| -6 | 116 | 5 | 1 | 107,814 | 100,549 | 2,515 |
| -6 | 122 | 5 | 1 | 111,387 | 97,246 | 2,406 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| -6 | 128 | 5 | 1 | 113,846 | 95,707 | 2,293 |
| -6 | 134 | 5 | 1 | 115,573 | 96,636 | 2,180 |
| -6 | 140 | 5 | 1 | 115,817 | 98,240 | 2,070 |
| -6 | 146 | 5 | 1 | 115,439 | 101,004 | 1,965 |
| -6 | 152 | 5 | 1 | 115,154 | 105,514 | 1,865 |
| -6 | 158 | 5 | 1 | 113,990 | 107,300 | 1,771 |
| -6 | 164 | 6 | 1 | 114,073 | 106,049 | 1,683 |
| -6 | 170 | 6 | 1 | 114,683 | 103,933 | 1,601 |
| -3 | -97 | 5 | 1 | 111,847 | 79,800 | 1,215 |
| -3 | -91 | 5 | 1 | 112,327 | 83,498 | 1,290 |
| -3 | -85 | 5 | 1 | 113,227 | 86,182 | 1,369 |
| -3 | -79 | 5 | 1 | 113,386 | 89,520 | 1,454 |
| -3 | -73 | 5 | 1 | 112,468 | 91,961 | 1,545 |
| -3 | -67 | 5 | 1 | 110,347 | 90,955 | 1,639 |
| -3 | -61 | 5 | 1 | 107,770 | 94,759 | 1,735 |
| -3 | -55 | 5 | 1 | 103,951 | 94,647 | 1,830 |
| -3 | -49 | 4 | 1 | 102,866 | 97,314 | 1,918 |
| -3 | -43 | 4 | 1 | 101,714 | 96,199 | 1,990 |
| -3 | -37 | 4 | 1 | 98,484 | 93,489 | 2,036 |
| -3 | -31 | 4 | 1 | 93,366 | 90,056 | 2,044 |
| -3 | -25 | 4 | 1 | 86,540 | 82,873 | 2,008 |
| -3 | -19 | 4 | 1 | 79,084 | 77,355 | 1,940 |
| -3 | -13 | 3 | 1 | 73,123 | 70,941 | 1,851 |
| -3 | -7 | 3 | 1 | 67,151 | 61,840 | 1,720 |
| -3 | -1 | 3 | 1 | 57,337 | 53,280 | 1,535 |
| -3 | 5 | 3 | 1 | 45,409 | 42,895 | 1,335 |
| -3 | 11 | 3 | 1 | 34,874 | 33,147 | 1,169 |
| -3 | 17 | 3 | 1 | 26,785 | 25,214 | 1,053 |
| -3 | 23 | 3 | 1 | 21,460 | 19,897 | 0,998 |
| -3 | 29 | 3 | 1 | 16,855 | 15,975 | 0,979 |
| -3 | 35 | 3 | 1 | 21,210 | 19,885 | 0,988 |
| -3 | 41 | 3 | 1 | 25,568 | 23,976 | 1,060 |
| -3 | 47 | 3 | 1 | 32,098 | 30,386 | 1,225 |
| -3 | 53 | 3 | 1 | 41,157 | 39,428 | 1,459 |
| -3 | 59 | 3 | 1 | 52,626 | 49,976 | 1,733 |
| -3 | 65 | 3 | 1 | 63,437 | 60,747 | 2,002 |
| -3 | 71 | 3 | 1 | 70,854 | 67,544 | 2,220 |
| -3 | 77 | 3 | 1 | 76,271 | 75,111 | 2,397 |
| -3 | 83 | 4 | 1 | 85,028 | 82,485 | 2,560 |
| -3 | 89 | 4 | 1 | 93,360 | 91,504 | 2,683 |
| -3 | 95 | 4 | 1 | 100,237 | 96,551 | 2,738 |
| -3 | 101 | 4 | 1 | 104,172 | 101,755 | 2,727 |
| -3 | 107 | 4 | 1 | 106,207 | 101,237 | 2,668 |
| -3 | 113 | 4 | 1 | 105,715 | 102,609 | 2,578 |
| -3 | 119 | 5 | 1 | 110,132 | 99,247 | 2,471 |
| -3 | 125 | 5 | 1 | 113,033 | 96,951 | 2,356 |
| -3 | 131 | 5 | 1 | 115,011 | 96,064 | 2,240 |
| -3 | 137 | 5 | 1 | 116,319 | 98,936 | 2,126 |
| -3 | 143 | 5 | 1 | 116,373 | 101,004 | 2,017 |
| -3 | 149 | 5 | 1 | 115,361 | 101,308 | 1,913 |
| -3 | 155 | 5 | 1 | 114,593 | 104,383 | 1,815 |
| -3 | 161 | 6 | 1 | 113,807 | 107,854 | 1,723 |
| -3 | 167 | 6 | 1 | 115,454 | 107,796 | 1,637 |
| 0 | -100 | 5 | 1 | 111,260 | 78,514 | 1,180 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|---|-----|---|---|---------|---------|-------|
| 0 | -94 | 5 | 1 | 112,926 | 81,775 | 1,252 |
| 0 | -88 | 5 | 1 | 113,969 | 84,967 | 1,330 |
| 0 | -82 | 5 | 1 | 114,249 | 89,167 | 1,413 |
| 0 | -76 | 5 | 1 | 113,625 | 90,740 | 1,502 |
| 0 | -70 | 5 | 1 | 111,959 | 93,038 | 1,596 |
| 0 | -64 | 5 | 1 | 110,024 | 94,400 | 1,694 |
| 0 | -58 | 5 | 1 | 106,761 | 95,456 | 1,792 |
| 0 | -52 | 4 | 1 | 103,604 | 96,630 | 1,885 |
| 0 | -46 | 4 | 1 | 103,522 | 98,684 | 1,967 |
| 0 | -40 | 4 | 1 | 101,174 | 95,675 | 2,025 |
| 0 | -34 | 4 | 1 | 96,568 | 91,727 | 2,046 |
| 0 | -28 | 4 | 1 | 90,091 | 86,605 | 2,018 |
| 0 | -22 | 4 | 1 | 82,396 | 79,739 | 1,946 |
| 0 | -16 | 3 | 1 | 74,779 | 73,116 | 1,849 |
| 0 | -10 | 3 | 1 | 69,562 | 65,457 | 1,729 |
| 0 | -4 | 3 | 1 | 60,877 | 55,882 | 1,552 |
| 0 | 2 | 3 | 1 | 49,097 | 46,063 | 1,331 |
| 0 | 8 | 3 | 1 | 37,772 | 35,664 | 1,121 |
| 0 | 14 | 3 | 1 | 28,814 | 26,984 | 0,953 |
| 0 | 20 | 3 | 1 | 22,590 | 21,065 | 0,852 |
| 0 | 26 | 3 | 1 | 17,413 | 16,239 | 0,814 |
| 0 | 32 | 3 | 1 | 17,197 | 16,110 | 0,814 |
| 0 | 38 | 3 | 1 | 21,876 | 20,415 | 0,862 |
| 0 | 44 | 3 | 1 | 26,827 | 25,233 | 0,992 |
| 0 | 50 | 3 | 1 | 34,211 | 32,786 | 1,212 |
| 0 | 56 | 3 | 1 | 44,207 | 42,625 | 1,490 |
| 0 | 62 | 3 | 1 | 56,111 | 53,770 | 1,795 |
| 0 | 68 | 3 | 1 | 66,199 | 62,757 | 2,063 |
| 0 | 74 | 3 | 1 | 72,797 | 70,356 | 2,266 |
| 0 | 80 | 4 | 1 | 79,611 | 78,643 | 2,444 |
| 0 | 86 | 4 | 1 | 88,698 | 87,217 | 2,606 |
| 0 | 92 | 4 | 1 | 97,065 | 93,761 | 2,711 |
| 0 | 98 | 4 | 1 | 102,721 | 100,099 | 2,740 |
| 0 | 104 | 4 | 1 | 106,017 | 101,910 | 2,706 |
| 0 | 110 | 4 | 1 | 106,774 | 102,794 | 2,630 |
| 0 | 116 | 5 | 1 | 108,055 | 102,003 | 2,528 |
| 0 | 122 | 5 | 1 | 112,100 | 97,774 | 2,415 |
| 0 | 128 | 5 | 1 | 114,416 | 96,099 | 2,297 |
| 0 | 134 | 5 | 1 | 115,782 | 96,766 | 2,180 |
| 0 | 140 | 5 | 1 | 116,723 | 99,942 | 2,067 |
| 0 | 146 | 5 | 1 | 116,621 | 103,840 | 1,959 |
| 0 | 152 | 5 | 1 | 115,649 | 104,558 | 1,856 |
| 0 | 158 | 5 | 1 | 113,974 | 104,209 | 1,761 |
| 0 | 164 | 6 | 1 | 113,943 | 105,134 | 1,671 |
| 0 | 170 | 6 | 1 | 115,747 | 104,971 | 1,587 |
| 3 | -97 | 5 | 1 | 113,230 | 79,799 | 1,213 |
| 3 | -91 | 5 | 1 | 114,265 | 83,959 | 1,288 |
| 3 | -85 | 5 | 1 | 114,680 | 88,150 | 1,369 |
| 3 | -79 | 5 | 1 | 114,346 | 89,238 | 1,456 |
| 3 | -73 | 5 | 1 | 113,412 | 92,153 | 1,549 |
| 3 | -67 | 5 | 1 | 112,012 | 93,368 | 1,646 |
| 3 | -61 | 5 | 1 | 109,286 | 95,582 | 1,745 |
| 3 | -55 | 5 | 1 | 105,105 | 96,178 | 1,843 |
| 3 | -49 | 4 | 1 | 104,659 | 98,359 | 1,932 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|---|------|---|---|---------|---------|-------|
| 3 | -43 | 4 | 1 | 103,462 | 98,889 | 2,003 |
| 3 | -37 | 4 | 1 | 99,808 | 94,768 | 2,040 |
| 3 | -31 | 4 | 1 | 93,695 | 88,708 | 2,029 |
| 3 | -25 | 4 | 1 | 85,911 | 82,327 | 1,963 |
| 3 | -19 | 4 | 1 | 77,646 | 76,044 | 1,860 |
| 3 | -13 | 3 | 1 | 71,782 | 68,719 | 1,744 |
| 3 | -7 | 3 | 1 | 64,558 | 58,707 | 1,588 |
| 3 | -1 | 3 | 1 | 53,486 | 49,741 | 1,369 |
| 3 | 5 | 3 | 1 | 41,419 | 38,856 | 1,126 |
| 3 | 11 | 3 | 1 | 31,548 | 29,483 | 0,914 |
| 3 | 17 | 3 | 1 | 24,230 | 22,482 | 0,758 |
| 3 | 23 | 3 | 1 | 18,898 | 17,719 | 0,680 |
| 3 | 29 | 3 | 1 | 12,884 | 12,328 | 0,667 |
| 3 | 35 | 3 | 1 | 18,113 | 17,117 | 0,697 |
| 3 | 41 | 3 | 1 | 22,941 | 21,648 | 0,793 |
| 3 | 47 | 3 | 1 | 28,694 | 27,355 | 0,981 |
| 3 | 53 | 3 | 1 | 37,023 | 35,754 | 1,246 |
| 3 | 59 | 3 | 1 | 48,078 | 46,075 | 1,564 |
| 3 | 65 | 3 | 1 | 59,916 | 56,751 | 1,880 |
| 3 | 71 | 3 | 1 | 68,897 | 64,985 | 2,127 |
| 3 | 77 | 3 | 1 | 75,051 | 73,571 | 2,314 |
| 3 | 83 | 4 | 1 | 83,544 | 81,962 | 2,496 |
| 3 | 89 | 4 | 1 | 92,925 | 89,764 | 2,647 |
| 3 | 95 | 4 | 1 | 100,187 | 97,735 | 2,724 |
| 3 | 101 | 4 | 1 | 104,981 | 101,387 | 2,724 |
| 3 | 107 | 4 | 1 | 107,071 | 102,667 | 2,668 |
| 3 | 113 | 4 | 1 | 106,687 | 103,788 | 2,577 |
| 3 | 119 | 5 | 1 | 110,375 | 100,653 | 2,467 |
| 3 | 125 | 5 | 1 | 113,725 | 96,888 | 2,349 |
| 3 | 131 | 5 | 1 | 115,544 | 96,657 | 2,230 |
| 3 | 137 | 5 | 1 | 116,115 | 95,646 | 2,113 |
| 3 | 143 | 5 | 1 | 116,714 | 100,260 | 2,002 |
| 3 | 149 | 5 | 1 | 116,456 | 104,312 | 1,896 |
| 3 | 155 | 5 | 1 | 115,494 | 107,743 | 1,796 |
| 3 | 161 | 6 | 1 | 113,972 | 108,020 | 1,703 |
| 3 | 167 | 6 | 1 | 115,261 | 106,019 | 1,616 |
| 6 | -100 | 5 | 1 | 112,863 | 78,974 | 1,172 |
| 6 | -94 | 5 | 1 | 113,958 | 82,945 | 1,245 |
| 6 | -88 | 5 | 1 | 114,555 | 86,974 | 1,323 |
| 6 | -82 | 5 | 1 | 114,816 | 88,367 | 1,407 |
| 6 | -76 | 5 | 1 | 114,753 | 92,761 | 1,498 |
| 6 | -70 | 5 | 1 | 113,706 | 92,811 | 1,593 |
| 6 | -64 | 5 | 1 | 111,489 | 95,041 | 1,692 |
| 6 | -58 | 5 | 1 | 107,932 | 96,522 | 1,792 |
| 6 | -52 | 4 | 1 | 105,172 | 97,603 | 1,887 |
| 6 | -46 | 4 | 1 | 105,040 | 99,096 | 1,968 |
| 6 | -40 | 4 | 1 | 102,601 | 98,193 | 2,022 |
| 6 | -34 | 4 | 1 | 97,528 | 93,307 | 2,032 |
| 6 | -28 | 4 | 1 | 90,078 | 86,246 | 1,983 |
| 6 | -22 | 4 | 1 | 81,402 | 79,127 | 1,882 |
| 6 | -16 | 3 | 1 | 73,934 | 71,829 | 1,764 |
| 6 | -10 | 3 | 1 | 67,952 | 63,026 | 1,629 |
| 6 | -4 | 3 | 1 | 58,176 | 54,071 | 1,431 |
| 6 | 2 | 3 | 1 | 45,941 | 42,628 | 1,177 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|---|-----|---|---|---------|---------|-------|
| 6 | 8 | 3 | 1 | 35,057 | 32,439 | 0,930 |
| 6 | 14 | 3 | 1 | 26,585 | 24,477 | 0,727 |
| 6 | 20 | 3 | 1 | 20,713 | 19,358 | 0,597 |
| 6 | 26 | 3 | 1 | 14,734 | 13,963 | 0,553 |
| 6 | 32 | 3 | 1 | 13,654 | 13,013 | 0,570 |
| 6 | 38 | 3 | 1 | 19,541 | 18,628 | 0,639 |
| 6 | 44 | 3 | 1 | 24,502 | 23,288 | 0,785 |
| 6 | 50 | 3 | 1 | 31,304 | 30,073 | 1,022 |
| 6 | 56 | 3 | 1 | 40,638 | 38,981 | 1,327 |
| 6 | 62 | 3 | 1 | 52,605 | 50,685 | 1,672 |
| 6 | 68 | 3 | 1 | 63,828 | 60,489 | 1,973 |
| 6 | 74 | 3 | 1 | 71,508 | 68,361 | 2,186 |
| 6 | 80 | 4 | 1 | 78,164 | 77,388 | 2,369 |
| 6 | 86 | 4 | 1 | 88,050 | 85,459 | 2,551 |
| 6 | 92 | 4 | 1 | 96,633 | 94,636 | 2,677 |
| 6 | 98 | 4 | 1 | 103,061 | 99,659 | 2,719 |
| 6 | 104 | 4 | 1 | 106,571 | 102,173 | 2,691 |
| 6 | 110 | 4 | 1 | 107,374 | 104,065 | 2,615 |
| 6 | 116 | 5 | 1 | 108,035 | 102,747 | 2,513 |
| 6 | 122 | 5 | 1 | 112,283 | 99,169 | 2,397 |
| 6 | 128 | 5 | 1 | 115,007 | 95,583 | 2,277 |
| 6 | 134 | 5 | 1 | 116,403 | 97,661 | 2,157 |
| 6 | 140 | 5 | 1 | 116,682 | 98,560 | 2,042 |
| 6 | 146 | 5 | 1 | 116,196 | 99,960 | 1,933 |
| 6 | 152 | 5 | 1 | 115,746 | 103,138 | 1,830 |
| 6 | 158 | 5 | 1 | 114,732 | 106,005 | 1,733 |
| 6 | 164 | 6 | 1 | 114,760 | 108,365 | 1,643 |
| 6 | 170 | 6 | 1 | 116,204 | 107,265 | 1,559 |
| 9 | -97 | 5 | 1 | 113,506 | 81,302 | 1,201 |
| 9 | -91 | 5 | 1 | 114,838 | 84,357 | 1,276 |
| 9 | -85 | 5 | 1 | 115,639 | 87,458 | 1,357 |
| 9 | -79 | 5 | 1 | 115,767 | 91,711 | 1,444 |
| 9 | -73 | 5 | 1 | 115,057 | 94,560 | 1,537 |
| 9 | -67 | 5 | 1 | 113,329 | 93,859 | 1,635 |
| 9 | -61 | 5 | 1 | 110,392 | 96,121 | 1,735 |
| 9 | -55 | 5 | 1 | 106,069 | 97,533 | 1,833 |
| 9 | -49 | 4 | 1 | 105,926 | 98,674 | 1,923 |
| 9 | -43 | 4 | 1 | 104,672 | 98,782 | 1,991 |
| 9 | -37 | 4 | 1 | 100,860 | 96,251 | 2,022 |
| 9 | -31 | 4 | 1 | 94,327 | 90,770 | 1,998 |
| 9 | -25 | 4 | 1 | 85,748 | 82,938 | 1,911 |
| 9 | -19 | 4 | 1 | 76,653 | 75,175 | 1,790 |
| 9 | -13 | 3 | 1 | 70,827 | 67,074 | 1,667 |
| 9 | -7 | 3 | 1 | 62,829 | 57,847 | 1,503 |
| 9 | -1 | 3 | 1 | 51,186 | 47,562 | 1,263 |
| 9 | 5 | 3 | 1 | 39,331 | 36,520 | 0,993 |
| 9 | 11 | 3 | 1 | 29,820 | 27,639 | 0,755 |
| 9 | 17 | 3 | 1 | 22,873 | 21,180 | 0,576 |
| 9 | 23 | 3 | 1 | 17,166 | 16,361 | 0,487 |
| 9 | 29 | 3 | 1 | 10,176 | 9,618 | 0,483 |
| 9 | 35 | 3 | 1 | 15,542 | 14,991 | 0,531 |
| 9 | 41 | 3 | 1 | 21,253 | 20,226 | 0,639 |
| 9 | 47 | 3 | 1 | 26,723 | 25,439 | 0,832 |
| 9 | 53 | 3 | 1 | 34,609 | 33,220 | 1,109 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| 9 | 59 | 3 | 1 | 45,200 | 43,251 | 1,450 |
| 9 | 65 | 3 | 1 | 57,506 | 55,125 | 1,797 |
| 9 | 71 | 3 | 1 | 67,467 | 63,619 | 2,060 |
| 9 | 77 | 3 | 1 | 74,217 | 72,311 | 2,247 |
| 9 | 83 | 4 | 1 | 82,736 | 80,965 | 2,436 |
| 9 | 89 | 4 | 1 | 92,348 | 90,395 | 2,602 |
| 9 | 95 | 4 | 1 | 100,242 | 96,756 | 2,691 |
| 9 | 101 | 4 | 1 | 105,223 | 101,217 | 2,697 |
| 9 | 107 | 4 | 1 | 107,317 | 104,015 | 2,643 |
| 9 | 113 | 4 | 1 | 107,243 | 104,030 | 2,551 |
| 9 | 119 | 5 | 1 | 110,258 | 101,369 | 2,440 |
| 9 | 125 | 5 | 1 | 113,771 | 97,659 | 2,320 |
| 9 | 131 | 5 | 1 | 115,932 | 97,013 | 2,199 |
| 9 | 137 | 5 | 1 | 116,949 | 98,890 | 2,081 |
| 9 | 143 | 5 | 1 | 117,027 | 101,567 | 1,968 |
| 9 | 149 | 5 | 1 | 116,352 | 103,324 | 1,862 |
| 9 | 155 | 5 | 1 | 115,088 | 104,268 | 1,762 |
| 9 | 161 | 5 | 1 | 113,371 | 104,512 | 1,669 |
| 9 | 167 | 6 | 1 | 114,314 | 104,164 | 1,582 |
| 12 | -100 | 5 | 1 | 113,683 | 78,930 | 1,156 |
| 12 | -94 | 5 | 1 | 115,051 | 82,587 | 1,228 |
| 12 | -88 | 5 | 1 | 115,979 | 86,466 | 1,306 |
| 12 | -82 | 5 | 1 | 116,341 | 90,581 | 1,389 |
| 12 | -76 | 5 | 1 | 115,987 | 93,770 | 1,479 |
| 12 | -70 | 5 | 1 | 114,746 | 94,550 | 1,574 |
| 12 | -64 | 5 | 1 | 112,425 | 95,005 | 1,673 |
| 12 | -58 | 5 | 1 | 108,827 | 97,301 | 1,773 |
| 12 | -52 | 4 | 1 | 106,360 | 98,586 | 1,867 |
| 12 | -46 | 4 | 1 | 105,990 | 98,759 | 1,948 |
| 12 | -40 | 4 | 1 | 103,474 | 97,374 | 1,999 |
| 12 | -34 | 4 | 1 | 98,207 | 93,204 | 2,001 |
| 12 | -28 | 4 | 1 | 90,342 | 86,290 | 1,940 |
| 12 | -22 | 4 | 1 | 81,056 | 79,065 | 1,825 |
| 12 | -16 | 3 | 1 | 73,482 | 70,932 | 1,701 |
| 12 | -10 | 3 | 1 | 67,068 | 61,832 | 1,569 |
| 12 | -4 | 3 | 1 | 56,810 | 52,628 | 1,365 |
| 12 | 2 | 3 | 1 | 44,517 | 41,363 | 1,096 |
| 12 | 8 | 3 | 1 | 33,880 | 31,589 | 0,830 |
| 12 | 14 | 3 | 1 | 25,651 | 23,713 | 0,614 |
| 12 | 20 | 3 | 1 | 19,796 | 18,662 | 0,475 |
| 12 | 26 | 3 | 1 | 13,154 | 12,631 | 0,436 |
| 12 | 32 | 3 | 1 | 10,945 | 10,618 | 0,466 |
| 12 | 38 | 3 | 1 | 17,919 | 17,217 | 0,541 |
| 12 | 44 | 3 | 1 | 23,256 | 21,987 | 0,688 |
| 12 | 50 | 3 | 1 | 29,743 | 28,544 | 0,927 |
| 12 | 56 | 3 | 1 | 38,765 | 37,033 | 1,239 |
| 12 | 62 | 3 | 1 | 50,581 | 47,773 | 1,602 |
| 12 | 68 | 3 | 1 | 62,416 | 58,124 | 1,921 |
| 12 | 74 | 3 | 1 | 70,711 | 67,246 | 2,137 |
| 12 | 80 | 4 | 1 | 77,339 | 76,312 | 2,319 |
| 12 | 86 | 4 | 1 | 87,543 | 85,129 | 2,507 |
| 12 | 92 | 4 | 1 | 96,549 | 93,060 | 2,640 |
| 12 | 98 | 4 | 1 | 102,984 | 99,689 | 2,686 |
| 12 | 104 | 4 | 1 | 106,461 | 103,547 | 2,659 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|---------|-------|
| 12 | 110 | 4 | 1 | 107,490 | 104,460 | 2,582 |
| 12 | 116 | 5 | 1 | 107,773 | 102,819 | 2,478 |
| 12 | 122 | 5 | 1 | 111,998 | 99,899 | 2,360 |
| 12 | 128 | 5 | 1 | 114,824 | 96,193 | 2,238 |
| 12 | 134 | 5 | 1 | 116,457 | 97,982 | 2,118 |
| 12 | 140 | 5 | 1 | 117,103 | 94,084 | 2,002 |
| 12 | 146 | 5 | 1 | 116,953 | 94,363 | 1,893 |
| 12 | 152 | 5 | 1 | 116,172 | 95,370 | 1,790 |
| 12 | 158 | 5 | 1 | 114,900 | 97,063 | 1,693 |
| 12 | 164 | 6 | 1 | 114,702 | 98,298 | 1,604 |
| 12 | 170 | 6 | 1 | 115,972 | 99,135 | 1,521 |
| 15 | -97 | 5 | 1 | 114,495 | 81,417 | 1,181 |
| 15 | -91 | 5 | 1 | 115,653 | 85,331 | 1,255 |
| 15 | -85 | 5 | 1 | 116,328 | 89,329 | 1,334 |
| 15 | -79 | 5 | 1 | 116,383 | 91,418 | 1,420 |
| 15 | -73 | 5 | 1 | 115,657 | 93,526 | 1,512 |
| 15 | -67 | 5 | 1 | 113,964 | 93,205 | 1,609 |
| 15 | -61 | 5 | 1 | 111,103 | 96,278 | 1,708 |
| 15 | -55 | 5 | 1 | 106,871 | 98,559 | 1,805 |
| 15 | -49 | 4 | 1 | 106,898 | 99,602 | 1,894 |
| 15 | -43 | 4 | 1 | 105,514 | 97,799 | 1,961 |
| 15 | -37 | 4 | 1 | 101,589 | 94,858 | 1,990 |
| 15 | -31 | 4 | 1 | 94,900 | 89,153 | 1,960 |
| 15 | -25 | 4 | 1 | 86,052 | 82,811 | 1,866 |
| 15 | -19 | 4 | 1 | 76,545 | 75,075 | 1,739 |
| 15 | -13 | 3 | 1 | 70,569 | 66,774 | 1,621 |
| 15 | -7 | 3 | 1 | 62,285 | 57,099 | 1,464 |
| 15 | -1 | 3 | 1 | 50,536 | 46,800 | 1,223 |
| 15 | 5 | 3 | 1 | 38,787 | 36,168 | 0,942 |
| 15 | 11 | 3 | 1 | 29,382 | 27,155 | 0,697 |
| 15 | 17 | 3 | 1 | 22,500 | 20,909 | 0,514 |
| 15 | 23 | 3 | 1 | 16,627 | 15,868 | 0,426 |
| 15 | 29 | 3 | 1 | 9,052 | 8,784 | 0,431 |
| 15 | 35 | 3 | 1 | 14,047 | 13,627 | 0,485 |
| 15 | 41 | 3 | 1 | 20,399 | 19,333 | 0,592 |
| 15 | 47 | 3 | 1 | 25,864 | 24,011 | 0,785 |
| 15 | 53 | 3 | 1 | 33,577 | 31,690 | 1,061 |
| 15 | 59 | 3 | 1 | 43,956 | 41,813 | 1,407 |
| 15 | 65 | 3 | 1 | 56,417 | 52,984 | 1,762 |
| 15 | 71 | 3 | 1 | 66,910 | 61,732 | 2,031 |
| 15 | 77 | 3 | 1 | 73,861 | 71,846 | 2,219 |
| 15 | 83 | 4 | 1 | 82,356 | 80,478 | 2,406 |
| 15 | 89 | 4 | 1 | 92,076 | 89,688 | 2,571 |
| 15 | 95 | 4 | 1 | 99,832 | 97,491 | 2,658 |
| 15 | 101 | 4 | 1 | 104,798 | 102,347 | 2,662 |
| 15 | 107 | 4 | 1 | 107,173 | 103,987 | 2,605 |
| 15 | 113 | 4 | 1 | 107,283 | 103,481 | 2,511 |
| 15 | 119 | 5 | 1 | 109,800 | 101,451 | 2,397 |
| 15 | 125 | 5 | 1 | 113,234 | 98,426 | 2,276 |
| 15 | 131 | 5 | 1 | 115,400 | 96,191 | 2,154 |
| 15 | 137 | 5 | 1 | 116,506 | 95,938 | 2,036 |
| 15 | 143 | 5 | 1 | 116,750 | 96,745 | 1,923 |
| 15 | 149 | 5 | 1 | 116,306 | 98,421 | 1,817 |
| 15 | 155 | 5 | 1 | 115,322 | 99,467 | 1,717 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| 15 | 161 | 5 | 1 | 113,923 | 99,978 | 1,625 |
| 15 | 167 | 6 | 1 | 115,004 | 100,038 | 1,539 |
| 18 | -100 | 5 | 1 | 113,425 | 79,935 | 1,134 |
| 18 | -94 | 5 | 1 | 114,776 | 83,808 | 1,204 |
| 18 | -88 | 5 | 1 | 115,706 | 86,401 | 1,280 |
| 18 | -82 | 5 | 1 | 116,096 | 88,693 | 1,362 |
| 18 | -76 | 5 | 1 | 115,948 | 92,702 | 1,450 |
| 18 | -70 | 5 | 1 | 114,923 | 95,663 | 1,543 |
| 18 | -64 | 5 | 1 | 112,822 | 93,270 | 1,640 |
| 18 | -58 | 5 | 1 | 109,435 | 95,915 | 1,738 |
| 18 | -52 | 4 | 1 | 107,107 | 97,558 | 1,832 |
| 18 | -46 | 4 | 1 | 106,891 | 97,695 | 1,911 |
| 18 | -40 | 4 | 1 | 104,375 | 95,755 | 1,962 |
| 18 | -34 | 4 | 1 | 99,106 | 91,266 | 1,965 |
| 18 | -28 | 4 | 1 | 91,186 | 86,298 | 1,903 |
| 18 | -22 | 4 | 1 | 81,703 | 79,192 | 1,787 |
| 18 | -16 | 3 | 1 | 73,567 | 71,459 | 1,666 |
| 18 | -10 | 3 | 1 | 67,086 | 62,100 | 1,545 |
| 18 | -4 | 3 | 1 | 56,909 | 52,178 | 1,352 |
| 18 | 2 | 3 | 1 | 44,705 | 41,556 | 1,083 |
| 18 | 8 | 3 | 1 | 34,063 | 31,533 | 0,814 |
| 18 | 14 | 3 | 1 | 25,810 | 23,590 | 0,598 |
| 18 | 20 | 3 | 1 | 19,948 | 18,855 | 0,460 |
| 18 | 26 | 3 | 1 | 13,338 | 12,880 | 0,425 |
| 18 | 32 | 3 | 1 | 10,070 | 9,783 | 0,460 |
| 18 | 38 | 3 | 1 | 17,410 | 16,617 | 0,539 |
| 18 | 44 | 3 | 1 | 22,936 | 21,219 | 0,688 |
| 18 | 50 | 3 | 1 | 29,346 | 26,933 | 0,926 |
| 18 | 56 | 3 | 1 | 38,342 | 35,346 | 1,239 |
| 18 | 62 | 3 | 1 | 50,130 | 46,460 | 1,597 |
| 18 | 68 | 3 | 1 | 62,144 | 56,873 | 1,913 |
| 18 | 74 | 3 | 1 | 70,667 | 66,980 | 2,135 |
| 18 | 80 | 4 | 1 | 77,167 | 76,134 | 2,317 |
| 18 | 86 | 4 | 1 | 87,119 | 85,470 | 2,495 |
| 18 | 92 | 4 | 1 | 96,094 | 93,688 | 2,618 |
| 18 | 98 | 4 | 1 | 102,579 | 99,483 | 2,655 |
| 18 | 104 | 4 | 1 | 106,199 | 102,562 | 2,621 |
| 18 | 110 | 4 | 1 | 107,296 | 103,302 | 2,540 |
| 18 | 116 | 5 | 1 | 107,303 | 102,277 | 2,432 |
| 18 | 122 | 5 | 1 | 111,269 | 100,030 | 2,312 |
| 18 | 128 | 5 | 1 | 113,927 | 96,993 | 2,189 |
| 18 | 134 | 5 | 1 | 115,425 | 97,089 | 2,069 |
| 18 | 140 | 5 | 1 | 115,969 | 93,637 | 1,953 |
| 18 | 146 | 5 | 1 | 115,790 | 89,622 | 1,844 |
| 18 | 152 | 5 | 1 | 115,044 | 87,901 | 1,742 |
| 18 | 158 | 5 | 1 | 113,841 | 88,221 | 1,647 |
| 18 | 164 | 6 | 1 | 113,706 | 88,166 | 1,559 |
| 18 | 170 | 6 | 1 | 115,011 | 87,804 | 1,477 |
| 21 | -97 | 5 | 1 | 114,911 | 80,351 | 1,156 |
| 21 | -91 | 5 | 1 | 116,062 | 84,028 | 1,228 |
| 21 | -85 | 5 | 1 | 116,714 | 87,760 | 1,305 |
| 21 | -79 | 5 | 1 | 116,734 | 91,468 | 1,389 |
| 21 | -73 | 5 | 1 | 115,963 | 93,994 | 1,478 |
| 21 | -67 | 5 | 1 | 114,222 | 92,374 | 1,572 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| 21 | -61 | 5 | 1 | 111,386 | 94,964 | 1,669 |
| 21 | -55 | 5 | 1 | 107,456 | 96,733 | 1,765 |
| 21 | -49 | 4 | 1 | 107,441 | 97,266 | 1,853 |
| 21 | -43 | 4 | 1 | 106,224 | 96,061 | 1,921 |
| 21 | -37 | 4 | 1 | 102,430 | 93,444 | 1,952 |
| 21 | -31 | 4 | 1 | 95,813 | 88,975 | 1,928 |
| 21 | -25 | 4 | 1 | 86,910 | 82,861 | 1,840 |
| 21 | -19 | 4 | 1 | 77,235 | 76,013 | 1,718 |
| 21 | -13 | 3 | 1 | 71,016 | 67,580 | 1,608 |
| 21 | -7 | 3 | 1 | 63,045 | 57,698 | 1,464 |
| 21 | -1 | 3 | 1 | 51,489 | 47,460 | 1,236 |
| 21 | 5 | 3 | 1 | 39,704 | 36,976 | 0,963 |
| 21 | 11 | 3 | 1 | 30,173 | 27,683 | 0,721 |
| 21 | 17 | 3 | 1 | 23,165 | 21,374 | 0,542 |
| 21 | 23 | 3 | 1 | 17,516 | 16,642 | 0,458 |
| 21 | 29 | 3 | 1 | 10,518 | 10,119 | 0,467 |
| 21 | 35 | 3 | 1 | 14,257 | 13,732 | 0,528 |
| 21 | 41 | 3 | 1 | 20,521 | 19,221 | 0,645 |
| 21 | 47 | 3 | 1 | 25,980 | 23,631 | 0,839 |
| 21 | 53 | 3 | 1 | 33,791 | 30,925 | 1,118 |
| 21 | 59 | 3 | 1 | 44,271 | 40,714 | 1,453 |
| 21 | 65 | 3 | 1 | 56,776 | 52,109 | 1,794 |
| 21 | 71 | 3 | 1 | 67,234 | 62,357 | 2,060 |
| 21 | 77 | 3 | 1 | 74,026 | 71,810 | 2,249 |
| 21 | 83 | 4 | 1 | 82,340 | 80,043 | 2,426 |
| 21 | 89 | 4 | 1 | 91,857 | 88,692 | 2,572 |
| 21 | 95 | 4 | 1 | 99,537 | 95,664 | 2,641 |
| 21 | 101 | 4 | 1 | 104,474 | 100,157 | 2,632 |
| 21 | 107 | 4 | 1 | 106,707 | 102,230 | 2,565 |
| 21 | 113 | 4 | 1 | 106,726 | 102,330 | 2,465 |
| 21 | 119 | 5 | 1 | 109,243 | 100,973 | 2,348 |
| 21 | 125 | 5 | 1 | 112,611 | 98,613 | 2,225 |
| 21 | 131 | 5 | 1 | 114,771 | 95,930 | 2,103 |
| 21 | 137 | 5 | 1 | 115,911 | 95,084 | 1,985 |
| 21 | 143 | 5 | 1 | 116,213 | 91,417 | 1,873 |
| 21 | 149 | 5 | 1 | 115,836 | 92,023 | 1,768 |
| 21 | 155 | 5 | 1 | 114,920 | 93,489 | 1,670 |
| 21 | 161 | 5 | 1 | 113,581 | 94,544 | 1,579 |
| 21 | 167 | 6 | 1 | 114,871 | 95,244 | 1,495 |
| 24 | -100 | 5 | 1 | 114,013 | 79,423 | 1,109 |
| 24 | -94 | 5 | 1 | 115,548 | 82,151 | 1,177 |
| 24 | -88 | 5 | 1 | 116,615 | 86,404 | 1,250 |
| 24 | -82 | 5 | 1 | 117,084 | 90,328 | 1,330 |
| 24 | -76 | 5 | 1 | 116,804 | 90,836 | 1,415 |
| 24 | -70 | 5 | 1 | 115,605 | 93,753 | 1,506 |
| 24 | -64 | 5 | 1 | 113,306 | 93,435 | 1,600 |
| 24 | -58 | 5 | 1 | 109,726 | 95,932 | 1,696 |
| 24 | -52 | 4 | 1 | 107,247 | 96,695 | 1,789 |
| 24 | -46 | 4 | 1 | 107,178 | 95,990 | 1,869 |
| 24 | -40 | 4 | 1 | 104,783 | 93,358 | 1,924 |
| 24 | -34 | 4 | 1 | 99,622 | 90,292 | 1,935 |
| 24 | -28 | 4 | 1 | 91,955 | 86,377 | 1,885 |
| 24 | -22 | 4 | 1 | 82,725 | 79,829 | 1,782 |
| 24 | -16 | 3 | 1 | 74,189 | 71,752 | 1,668 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|---------|-------|
| 24 | -10 | 3 | 1 | 68,161 | 63,479 | 1,556 |
| 24 | -4 | 3 | 1 | 58,577 | 53,781 | 1,380 |
| 24 | 2 | 3 | 1 | 46,473 | 43,225 | 1,134 |
| 24 | 8 | 3 | 1 | 35,595 | 32,625 | 0,881 |
| 24 | 14 | 3 | 1 | 27,134 | 25,041 | 0,675 |
| 24 | 20 | 3 | 1 | 21,160 | 19,750 | 0,546 |
| 24 | 26 | 3 | 1 | 15,312 | 14,633 | 0,518 |
| 24 | 32 | 3 | 1 | 11,489 | 10,928 | 0,566 |
| 24 | 38 | 3 | 1 | 18,200 | 17,178 | 0,661 |
| 24 | 44 | 3 | 1 | 23,509 | 21,622 | 0,817 |
| 24 | 50 | 3 | 1 | 30,065 | 27,476 | 1,053 |
| 24 | 56 | 3 | 1 | 39,298 | 36,188 | 1,356 |
| 24 | 62 | 3 | 1 | 51,287 | 47,306 | 1,692 |
| 24 | 68 | 3 | 1 | 63,182 | 57,514 | 1,991 |
| 24 | 74 | 3 | 1 | 71,343 | 68,020 | 2,205 |
| 24 | 80 | 4 | 1 | 77,826 | 76,843 | 2,377 |
| 24 | 86 | 4 | 1 | 87,249 | 85,178 | 2,530 |
| 24 | 92 | 4 | 1 | 95,740 | 93,183 | 2,624 |
| 24 | 98 | 4 | 1 | 101,935 | 98,570 | 2,639 |
| 24 | 104 | 4 | 1 | 105,416 | 100,990 | 2,590 |
| 24 | 110 | 4 | 1 | 106,454 | 101,555 | 2,499 |
| 24 | 116 | 5 | 1 | 106,715 | 101,212 | 2,386 |
| 24 | 122 | 5 | 1 | 110,814 | 99,638 | 2,263 |
| 24 | 128 | 5 | 1 | 113,610 | 96,998 | 2,139 |
| 24 | 134 | 5 | 1 | 115,273 | 96,256 | 2,019 |
| 24 | 140 | 5 | 1 | 115,978 | 92,290 | 1,904 |
| 24 | 146 | 5 | 1 | 115,889 | 89,336 | 1,796 |
| 24 | 152 | 5 | 1 | 115,156 | 86,465 | 1,695 |
| 24 | 158 | 5 | 1 | 113,911 | 82,837 | 1,601 |
| 24 | 164 | 6 | 1 | 113,233 | 81,963 | 1,515 |
| 24 | 170 | 6 | 1 | 114,332 | 82,519 | 1,434 |
| 27 | -97 | 5 | 1 | 114,090 | 81,710 | 1,128 |
| 27 | -91 | 5 | 1 | 115,543 | 85,358 | 1,198 |
| 27 | -85 | 5 | 1 | 116,616 | 87,522 | 1,273 |
| 27 | -79 | 5 | 1 | 116,964 | 89,298 | 1,354 |
| 27 | -73 | 5 | 1 | 116,419 | 92,031 | 1,441 |
| 27 | -67 | 5 | 1 | 114,801 | 92,240 | 1,533 |
| 27 | -61 | 5 | 1 | 111,931 | 95,008 | 1,628 |
| 27 | -55 | 5 | 1 | 107,717 | 96,115 | 1,722 |
| 27 | -49 | 4 | 1 | 107,325 | 95,741 | 1,811 |
| 27 | -43 | 4 | 1 | 106,196 | 93,693 | 1,883 |
| 27 | -37 | 4 | 1 | 102,489 | 90,688 | 1,923 |
| 27 | -31 | 4 | 1 | 96,515 | 89,070 | 1,914 |
| 27 | -25 | 4 | 1 | 88,077 | 84,012 | 1,845 |
| 27 | -19 | 4 | 1 | 78,729 | 76,954 | 1,739 |
| 27 | -13 | 3 | 1 | 72,076 | 68,796 | 1,635 |
| 27 | -7 | 3 | 1 | 64,920 | 59,672 | 1,507 |
| 27 | -1 | 3 | 1 | 54,053 | 49,469 | 1,307 |
| 27 | 5 | 3 | 1 | 42,140 | 39,014 | 1,069 |
| 27 | 11 | 3 | 1 | 32,313 | 30,032 | 0,855 |
| 27 | 17 | 3 | 1 | 24,850 | 22,806 | 0,694 |
| 27 | 23 | 3 | 1 | 19,547 | 18,368 | 0,629 |
| 27 | 29 | 3 | 1 | 13,678 | 12,847 | 0,659 |
| 27 | 35 | 3 | 1 | 16,038 | 15,182 | 0,742 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|---------|-------|
| 27 | 41 | 3 | 1 | 21,636 | 20,125 | 0,868 |
| 27 | 47 | 3 | 1 | 27,156 | 24,873 | 1,057 |
| 27 | 53 | 3 | 1 | 35,287 | 32,570 | 1,319 |
| 27 | 59 | 3 | 1 | 46,183 | 42,823 | 1,629 |
| 27 | 65 | 3 | 1 | 58,656 | 53,653 | 1,940 |
| 27 | 71 | 3 | 1 | 68,479 | 63,948 | 2,181 |
| 27 | 77 | 3 | 1 | 74,654 | 72,897 | 2,356 |
| 27 | 83 | 4 | 1 | 82,854 | 81,088 | 2,506 |
| 27 | 89 | 4 | 1 | 91,606 | 89,519 | 2,614 |
| 27 | 95 | 4 | 1 | 98,622 | 96,586 | 2,649 |
| 27 | 101 | 4 | 1 | 103,343 | 100,378 | 2,616 |
| 27 | 107 | 4 | 1 | 105,541 | 101,175 | 2,535 |
| 27 | 113 | 4 | 1 | 105,565 | 100,697 | 2,426 |
| 27 | 119 | 5 | 1 | 108,537 | 100,031 | 2,304 |
| 27 | 125 | 5 | 1 | 111,973 | 98,023 | 2,179 |
| 27 | 131 | 5 | 1 | 114,153 | 95,625 | 2,056 |
| 27 | 137 | 5 | 1 | 115,235 | 93,419 | 1,938 |
| 27 | 143 | 5 | 1 | 115,385 | 90,875 | 1,827 |
| 27 | 149 | 5 | 1 | 114,763 | 86,950 | 1,723 |
| 27 | 155 | 5 | 1 | 113,514 | 86,147 | 1,626 |
| 27 | 161 | 5 | 1 | 112,187 | 84,303 | 1,537 |
| 27 | 167 | 6 | 1 | 113,913 | 81,916 | 1,454 |
| 30 | -100 | 5 | 1 | 114,006 | 78,063 | 1,082 |
| 30 | -94 | 5 | 1 | 115,264 | 81,376 | 1,148 |
| 30 | -88 | 5 | 1 | 115,960 | 84,433 | 1,219 |
| 30 | -82 | 5 | 1 | 116,221 | 87,483 | 1,296 |
| 30 | -76 | 5 | 1 | 116,477 | 90,301 | 1,379 |
| 30 | -70 | 5 | 1 | 115,666 | 93,308 | 1,467 |
| 30 | -64 | 5 | 1 | 113,603 | 91,721 | 1,560 |
| 30 | -58 | 5 | 1 | 110,122 | 95,597 | 1,655 |
| 30 | -52 | 4 | 1 | 106,748 | 95,459 | 1,748 |
| 30 | -46 | 4 | 1 | 106,752 | 94,188 | 1,832 |
| 30 | -40 | 4 | 1 | 104,482 | 91,742 | 1,895 |
| 30 | -34 | 4 | 1 | 100,117 | 90,950 | 1,922 |
| 30 | -28 | 4 | 1 | 92,933 | 86,833 | 1,895 |
| 30 | -22 | 4 | 1 | 84,040 | 80,713 | 1,817 |
| 30 | -16 | 4 | 1 | 75,365 | 73,404 | 1,717 |
| 30 | -10 | 3 | 1 | 69,942 | 66,180 | 1,616 |
| 30 | -4 | 3 | 1 | 61,473 | 56,732 | 1,469 |
| 30 | 2 | 3 | 1 | 49,876 | 46,421 | 1,268 |
| 30 | 8 | 3 | 1 | 38,582 | 35,809 | 1,063 |
| 30 | 14 | 3 | 1 | 29,717 | 27,288 | 0,892 |
| 30 | 20 | 3 | 1 | 23,284 | 21,514 | 0,793 |
| 30 | 26 | 3 | 1 | 18,314 | 17,029 | 0,802 |
| 30 | 32 | 3 | 1 | 14,340 | 13,371 | 0,882 |
| 30 | 38 | 3 | 1 | 20,069 | 18,734 | 0,991 |
| 30 | 44 | 3 | 1 | 25,031 | 22,993 | 1,138 |
| 30 | 50 | 3 | 1 | 32,073 | 29,658 | 1,348 |
| 30 | 56 | 3 | 1 | 41,817 | 39,018 | 1,618 |
| 30 | 62 | 3 | 1 | 54,035 | 50,048 | 1,918 |
| 30 | 68 | 3 | 1 | 65,243 | 59,855 | 2,180 |
| 30 | 74 | 3 | 1 | 72,487 | 69,995 | 2,368 |
| 30 | 80 | 4 | 1 | 79,069 | 77,568 | 2,511 |
| 30 | 86 | 4 | 1 | 87,622 | 84,830 | 2,620 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|---------|-------|
| 30 | 92 | 4 | 1 | 95,288 | 92,074 | 2,668 |
| 30 | 98 | 4 | 1 | 100,785 | 98,021 | 2,649 |
| 30 | 104 | 4 | 1 | 103,896 | 100,998 | 2,577 |
| 30 | 110 | 4 | 1 | 104,984 | 100,314 | 2,472 |
| 30 | 116 | 5 | 1 | 105,825 | 99,748 | 2,351 |
| 30 | 122 | 5 | 1 | 109,914 | 98,809 | 2,224 |
| 30 | 128 | 5 | 1 | 112,632 | 94,795 | 2,098 |
| 30 | 134 | 5 | 1 | 114,101 | 94,446 | 1,977 |
| 30 | 140 | 5 | 1 | 114,476 | 92,191 | 1,862 |
| 30 | 146 | 5 | 1 | 114,175 | 88,231 | 1,755 |
| 30 | 152 | 5 | 1 | 113,900 | 84,362 | 1,655 |
| 30 | 158 | 5 | 1 | 113,028 | 81,292 | 1,563 |
| 30 | 164 | 6 | 1 | 113,025 | 81,278 | 1,478 |
| 30 | 170 | 6 | 1 | 114,264 | 79,040 | 1,399 |
| 33 | -97 | 5 | 1 | 114,429 | 80,394 | 1,101 |
| 33 | -91 | 5 | 1 | 115,767 | 83,608 | 1,169 |
| 33 | -85 | 5 | 1 | 116,402 | 86,704 | 1,242 |
| 33 | -79 | 5 | 1 | 116,187 | 89,573 | 1,321 |
| 33 | -73 | 5 | 1 | 115,707 | 92,068 | 1,405 |
| 33 | -67 | 5 | 1 | 114,593 | 93,864 | 1,495 |
| 33 | -61 | 5 | 1 | 112,031 | 93,383 | 1,589 |
| 33 | -55 | 5 | 1 | 107,887 | 95,220 | 1,684 |
| 33 | -49 | 4 | 1 | 106,541 | 95,663 | 1,776 |
| 33 | -43 | 4 | 1 | 105,415 | 91,711 | 1,855 |
| 33 | -37 | 4 | 1 | 102,640 | 92,929 | 1,910 |
| 33 | -31 | 4 | 1 | 96,954 | 88,876 | 1,924 |
| 33 | -25 | 4 | 1 | 89,269 | 84,580 | 1,886 |
| 33 | -19 | 4 | 1 | 80,792 | 78,154 | 1,807 |
| 33 | -13 | 3 | 1 | 73,532 | 71,266 | 1,717 |
| 33 | -7 | 3 | 1 | 67,623 | 62,864 | 1,611 |
| 33 | -1 | 3 | 1 | 58,026 | 53,090 | 1,460 |
| 33 | 5 | 3 | 1 | 46,274 | 42,862 | 1,282 |
| 33 | 11 | 3 | 1 | 35,895 | 33,261 | 1,118 |
| 33 | 17 | 3 | 1 | 27,837 | 25,667 | 1,001 |
| 33 | 23 | 3 | 1 | 22,294 | 20,572 | 0,982 |
| 33 | 29 | 3 | 1 | 17,595 | 16,328 | 1,056 |
| 33 | 35 | 3 | 1 | 18,807 | 17,412 | 1,166 |
| 33 | 41 | 3 | 1 | 23,579 | 21,810 | 1,289 |
| 33 | 47 | 3 | 1 | 29,517 | 27,430 | 1,450 |
| 33 | 53 | 3 | 1 | 38,289 | 35,996 | 1,670 |
| 33 | 59 | 3 | 1 | 49,818 | 46,565 | 1,939 |
| 33 | 65 | 3 | 1 | 61,738 | 56,564 | 2,207 |
| 33 | 71 | 3 | 1 | 70,300 | 66,307 | 2,411 |
| 33 | 77 | 3 | 1 | 75,668 | 74,669 | 2,550 |
| 33 | 83 | 4 | 1 | 83,655 | 82,228 | 2,651 |
| 33 | 89 | 4 | 1 | 91,480 | 89,287 | 2,704 |
| 33 | 95 | 4 | 1 | 97,878 | 94,360 | 2,693 |
| 33 | 101 | 4 | 1 | 101,895 | 98,825 | 2,628 |
| 33 | 107 | 4 | 1 | 103,741 | 100,519 | 2,527 |
| 33 | 113 | 4 | 1 | 103,844 | 98,747 | 2,405 |
| 33 | 119 | 5 | 1 | 107,464 | 98,735 | 2,276 |
| 33 | 125 | 5 | 1 | 110,758 | 95,761 | 2,146 |
| 33 | 131 | 5 | 1 | 112,652 | 94,687 | 2,021 |
| 33 | 137 | 5 | 1 | 113,275 | 92,610 | 1,903 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 33 | 143 | 5 | 1 | 114,050 | 89,398 | 1,792 |
| 33 | 149 | 5 | 1 | 113,959 | 85,922 | 1,688 |
| 33 | 155 | 5 | 1 | 113,129 | 85,043 | 1,593 |
| 33 | 161 | 5 | 1 | 111,684 | 81,985 | 1,504 |
| 33 | 167 | 6 | 1 | 112,194 | 84,469 | 1,423 |
| 36 | -100 | 6 | 1 | 113,448 | 78,897 | 1,057 |
| 36 | -94 | 5 | 1 | 114,279 | 82,410 | 1,121 |
| 36 | -88 | 5 | 1 | 115,757 | 84,969 | 1,190 |
| 36 | -82 | 5 | 1 | 116,363 | 88,640 | 1,265 |
| 36 | -76 | 5 | 1 | 115,933 | 90,730 | 1,346 |
| 36 | -70 | 5 | 1 | 114,706 | 92,726 | 1,433 |
| 36 | -64 | 5 | 1 | 113,222 | 91,465 | 1,525 |
| 36 | -58 | 5 | 1 | 110,089 | 95,031 | 1,621 |
| 36 | -52 | 4 | 1 | 105,622 | 94,042 | 1,716 |
| 36 | -46 | 4 | 1 | 105,648 | 94,114 | 1,807 |
| 36 | -40 | 4 | 1 | 104,084 | 93,411 | 1,882 |
| 36 | -34 | 4 | 1 | 99,963 | 89,283 | 1,930 |
| 36 | -28 | 4 | 1 | 93,740 | 86,940 | 1,934 |
| 36 | -22 | 4 | 1 | 85,902 | 81,897 | 1,891 |
| 36 | -16 | 4 | 1 | 77,874 | 75,798 | 1,818 |
| 36 | -10 | 3 | 1 | 71,994 | 68,991 | 1,736 |
| 36 | -4 | 3 | 1 | 65,158 | 60,043 | 1,630 |
| 36 | 2 | 3 | 1 | 54,854 | 50,757 | 1,494 |
| 36 | 8 | 3 | 1 | 43,400 | 40,605 | 1,354 |
| 36 | 14 | 3 | 1 | 33,865 | 31,675 | 1,240 |
| 36 | 20 | 3 | 1 | 26,612 | 24,689 | 1,192 |
| 36 | 26 | 3 | 1 | 21,791 | 20,147 | 1,248 |
| 36 | 32 | 3 | 1 | 17,995 | 17,264 | 1,364 |
| 36 | 38 | 3 | 1 | 22,622 | 20,950 | 1,489 |
| 36 | 44 | 3 | 1 | 27,667 | 25,935 | 1,621 |
| 36 | 50 | 3 | 1 | 35,510 | 33,769 | 1,792 |
| 36 | 56 | 3 | 1 | 46,125 | 43,741 | 2,016 |
| 36 | 62 | 3 | 1 | 58,207 | 53,938 | 2,272 |
| 36 | 68 | 3 | 1 | 67,898 | 63,062 | 2,487 |
| 36 | 74 | 3 | 1 | 73,802 | 71,391 | 2,627 |
| 36 | 80 | 4 | 1 | 80,446 | 78,137 | 2,715 |
| 36 | 86 | 4 | 1 | 87,822 | 85,535 | 2,761 |
| 36 | 92 | 4 | 1 | 94,363 | 92,539 | 2,752 |
| 36 | 98 | 4 | 1 | 99,449 | 95,865 | 2,691 |
| 36 | 104 | 4 | 1 | 102,068 | 99,172 | 2,591 |
| 36 | 110 | 4 | 1 | 102,979 | 99,031 | 2,468 |
| 36 | 116 | 5 | 1 | 104,646 | 98,030 | 2,336 |
| 36 | 122 | 5 | 1 | 108,554 | 96,627 | 2,202 |
| 36 | 128 | 5 | 1 | 110,931 | 91,957 | 2,072 |
| 36 | 134 | 5 | 1 | 112,307 | 93,677 | 1,949 |
| 36 | 140 | 5 | 1 | 113,426 | 90,293 | 1,833 |
| 36 | 146 | 5 | 1 | 113,503 | 87,864 | 1,726 |
| 36 | 152 | 5 | 1 | 112,675 | 83,561 | 1,627 |
| 36 | 158 | 5 | 1 | 111,085 | 84,406 | 1,535 |
| 36 | 164 | 6 | 1 | 111,947 | 80,774 | 1,450 |
| 36 | 170 | 6 | 1 | 113,514 | 76,547 | 1,372 |
| 39 | -97 | 5 | 1 | 113,815 | 79,017 | 1,077 |
| 39 | -91 | 5 | 1 | 114,560 | 83,584 | 1,142 |
| 39 | -85 | 5 | 1 | 115,367 | 85,861 | 1,214 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 39 | -79 | 5 | 1 | 115,945 | 89,254 | 1,291 |
| 39 | -73 | 5 | 1 | 115,275 | 91,811 | 1,375 |
| 39 | -67 | 5 | 1 | 113,493 | 91,825 | 1,464 |
| 39 | -61 | 5 | 1 | 111,550 | 90,991 | 1,558 |
| 39 | -55 | 5 | 1 | 107,771 | 94,202 | 1,656 |
| 39 | -49 | 4 | 1 | 105,144 | 95,057 | 1,753 |
| 39 | -43 | 4 | 1 | 104,496 | 92,393 | 1,843 |
| 39 | -37 | 4 | 1 | 101,934 | 90,307 | 1,915 |
| 39 | -31 | 4 | 1 | 97,175 | 88,581 | 1,956 |
| 39 | -25 | 4 | 1 | 90,404 | 85,009 | 1,956 |
| 39 | -19 | 4 | 1 | 82,946 | 79,668 | 1,915 |
| 39 | -13 | 4 | 1 | 75,388 | 74,127 | 1,852 |
| 39 | -7 | 3 | 1 | 70,448 | 66,280 | 1,779 |
| 39 | -1 | 3 | 1 | 62,880 | 57,432 | 1,687 |
| 39 | 5 | 3 | 1 | 52,188 | 48,523 | 1,586 |
| 39 | 11 | 3 | 1 | 41,293 | 39,060 | 1,493 |
| 39 | 17 | 3 | 1 | 32,500 | 30,764 | 1,435 |
| 39 | 23 | 3 | 1 | 26,009 | 24,411 | 1,458 |
| 39 | 29 | 3 | 1 | 21,789 | 20,103 | 1,570 |
| 39 | 35 | 3 | 1 | 22,108 | 20,475 | 1,709 |
| 39 | 41 | 3 | 1 | 26,504 | 25,150 | 1,839 |
| 39 | 47 | 3 | 1 | 33,458 | 32,428 | 1,978 |
| 39 | 53 | 3 | 1 | 43,270 | 41,778 | 2,155 |
| 39 | 59 | 3 | 1 | 55,076 | 51,774 | 2,380 |
| 39 | 65 | 3 | 1 | 65,477 | 59,577 | 2,594 |
| 39 | 71 | 3 | 1 | 72,159 | 69,438 | 2,738 |
| 39 | 77 | 4 | 1 | 77,512 | 76,117 | 2,815 |
| 39 | 83 | 4 | 1 | 84,499 | 82,548 | 2,845 |
| 39 | 89 | 4 | 1 | 91,110 | 88,185 | 2,829 |
| 39 | 95 | 4 | 1 | 96,336 | 94,513 | 2,766 |
| 39 | 101 | 4 | 1 | 100,114 | 96,073 | 2,665 |
| 39 | 107 | 4 | 1 | 101,465 | 99,065 | 2,540 |
| 39 | 113 | 4 | 1 | 101,655 | 96,670 | 2,404 |
| 39 | 119 | 5 | 1 | 106,030 | 97,194 | 2,265 |
| 39 | 125 | 5 | 1 | 108,955 | 92,877 | 2,130 |
| 39 | 131 | 5 | 1 | 110,913 | 92,565 | 2,001 |
| 39 | 137 | 5 | 1 | 112,402 | 91,114 | 1,881 |
| 39 | 143 | 5 | 1 | 112,660 | 88,314 | 1,769 |
| 39 | 149 | 5 | 1 | 111,825 | 84,605 | 1,665 |
| 39 | 155 | 5 | 1 | 111,556 | 80,909 | 1,570 |
| 39 | 161 | 5 | 1 | 110,650 | 81,124 | 1,482 |
| 39 | 167 | 6 | 1 | 111,927 | 78,992 | 1,400 |
| 42 | -100 | 6 | 1 | 112,651 | 77,634 | 1,035 |
| 42 | -94 | 5 | 1 | 114,053 | 80,469 | 1,098 |
| 42 | -88 | 5 | 1 | 114,877 | 83,046 | 1,165 |
| 42 | -82 | 5 | 1 | 114,703 | 86,594 | 1,239 |
| 42 | -76 | 5 | 1 | 115,223 | 87,229 | 1,319 |
| 42 | -70 | 5 | 1 | 114,260 | 92,878 | 1,406 |
| 42 | -64 | 5 | 1 | 112,060 | 91,146 | 1,498 |
| 42 | -58 | 5 | 1 | 109,563 | 92,688 | 1,596 |
| 42 | -52 | 5 | 1 | 105,079 | 92,637 | 1,696 |
| 42 | -46 | 4 | 1 | 103,977 | 94,061 | 1,794 |
| 42 | -40 | 4 | 1 | 102,900 | 91,869 | 1,883 |
| 42 | -34 | 4 | 1 | 99,465 | 89,799 | 1,953 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 42 | -28 | 4 | 1 | 94,059 | 86,516 | 1,991 |
| 42 | -22 | 4 | 1 | 87,439 | 82,399 | 1,990 |
| 42 | -16 | 4 | 1 | 80,311 | 77,237 | 1,957 |
| 42 | -10 | 3 | 1 | 73,948 | 71,962 | 1,910 |
| 42 | -4 | 3 | 1 | 69,010 | 64,675 | 1,854 |
| 42 | 2 | 3 | 1 | 60,807 | 55,778 | 1,797 |
| 42 | 8 | 3 | 1 | 50,260 | 47,378 | 1,742 |
| 42 | 14 | 3 | 1 | 40,004 | 38,486 | 1,695 |
| 42 | 20 | 3 | 1 | 31,820 | 30,856 | 1,694 |
| 42 | 26 | 3 | 1 | 25,985 | 24,888 | 1,780 |
| 42 | 32 | 3 | 1 | 23,571 | 23,099 | 1,924 |
| 42 | 38 | 3 | 1 | 25,959 | 25,430 | 2,071 |
| 42 | 44 | 2 | 1 | 32,106 | 31,831 | 2,206 |
| 42 | 50 | 3 | 1 | 41,277 | 40,630 | 2,350 |
| 42 | 56 | 3 | 1 | 52,559 | 50,136 | 2,532 |
| 42 | 62 | 3 | 1 | 63,116 | 58,165 | 2,731 |
| 42 | 68 | 3 | 1 | 70,627 | 66,517 | 2,878 |
| 42 | 74 | 3 | 1 | 75,129 | 73,928 | 2,949 |
| 42 | 80 | 4 | 1 | 81,691 | 79,333 | 2,960 |
| 42 | 86 | 4 | 1 | 87,789 | 86,093 | 2,928 |
| 42 | 92 | 4 | 1 | 93,456 | 90,324 | 2,856 |
| 42 | 98 | 4 | 1 | 97,491 | 95,239 | 2,751 |
| 42 | 104 | 4 | 1 | 99,956 | 96,423 | 2,622 |
| 42 | 110 | 4 | 1 | 100,584 | 97,019 | 2,480 |
| 42 | 116 | 5 | 1 | 103,203 | 96,194 | 2,336 |
| 42 | 122 | 5 | 1 | 106,725 | 93,689 | 2,195 |
| 42 | 128 | 5 | 1 | 109,143 | 91,335 | 2,060 |
| 42 | 134 | 5 | 1 | 111,047 | 91,796 | 1,933 |
| 42 | 140 | 5 | 1 | 111,525 | 89,192 | 1,816 |
| 42 | 146 | 5 | 1 | 111,521 | 85,475 | 1,708 |
| 42 | 152 | 5 | 1 | 111,443 | 83,282 | 1,608 |
| 42 | 158 | 5 | 1 | 110,432 | 81,264 | 1,516 |
| 42 | 164 | 6 | 1 | 110,131 | 84,869 | 1,432 |
| 42 | 170 | 6 | 1 | 112,179 | 80,243 | 1,354 |
| 45 | -97 | 5 | 1 | 112,205 | 79,279 | 1,056 |
| 45 | -91 | 5 | 1 | 113,831 | 82,163 | 1,120 |
| 45 | -85 | 5 | 1 | 114,744 | 84,674 | 1,190 |
| 45 | -79 | 5 | 1 | 114,373 | 87,517 | 1,267 |
| 45 | -73 | 5 | 1 | 114,243 | 88,189 | 1,350 |
| 45 | -67 | 5 | 1 | 112,912 | 92,167 | 1,440 |
| 45 | -61 | 5 | 1 | 110,387 | 88,456 | 1,536 |
| 45 | -55 | 5 | 1 | 107,245 | 93,191 | 1,637 |
| 45 | -49 | 4 | 1 | 103,230 | 93,473 | 1,740 |
| 45 | -43 | 4 | 1 | 102,887 | 91,932 | 1,840 |
| 45 | -37 | 4 | 1 | 100,587 | 89,330 | 1,929 |
| 45 | -31 | 4 | 1 | 96,750 | 86,771 | 1,997 |
| 45 | -25 | 4 | 1 | 91,151 | 84,225 | 2,034 |
| 45 | -19 | 4 | 1 | 84,614 | 80,548 | 2,039 |
| 45 | -13 | 4 | 1 | 78,312 | 75,625 | 2,021 |
| 45 | -7 | 3 | 1 | 72,922 | 70,262 | 1,994 |
| 45 | -1 | 3 | 1 | 67,666 | 62,108 | 1,972 |
| 45 | 5 | 3 | 1 | 59,313 | 54,964 | 1,963 |
| 45 | 11 | 3 | 1 | 49,215 | 46,942 | 1,951 |
| 45 | 17 | 3 | 1 | 39,585 | 38,906 | 1,949 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 45 | 23 | 2 | 1 | 32,444 | 31,685 | 2,003 |
| 45 | 29 | 3 | 1 | 28,827 | 28,041 | 2,133 |
| 45 | 35 | 3 | 1 | 29,422 | 28,773 | 2,296 |
| 45 | 41 | 2 | 1 | 33,072 | 32,806 | 2,451 |
| 45 | 47 | 2 | 1 | 40,647 | 40,193 | 2,587 |
| 45 | 53 | 3 | 1 | 50,979 | 49,166 | 2,729 |
| 45 | 59 | 3 | 1 | 61,232 | 57,017 | 2,897 |
| 45 | 65 | 3 | 1 | 69,087 | 63,619 | 3,040 |
| 45 | 71 | 3 | 1 | 73,889 | 72,292 | 3,111 |
| 45 | 77 | 4 | 1 | 79,242 | 77,605 | 3,107 |
| 45 | 83 | 4 | 1 | 85,070 | 82,438 | 3,053 |
| 45 | 89 | 4 | 1 | 90,331 | 88,564 | 2,964 |
| 45 | 95 | 4 | 1 | 94,885 | 92,020 | 2,848 |
| 45 | 101 | 4 | 1 | 97,874 | 94,759 | 2,712 |
| 45 | 107 | 4 | 1 | 99,000 | 96,594 | 2,565 |
| 45 | 113 | 5 | 1 | 100,106 | 94,628 | 2,414 |
| 45 | 119 | 5 | 1 | 104,242 | 94,304 | 2,266 |
| 45 | 125 | 5 | 1 | 107,036 | 91,243 | 2,125 |
| 45 | 131 | 5 | 1 | 109,408 | 92,320 | 1,992 |
| 45 | 137 | 5 | 1 | 110,165 | 89,872 | 1,868 |
| 45 | 143 | 5 | 1 | 110,888 | 86,269 | 1,755 |
| 45 | 149 | 5 | 1 | 110,877 | 85,473 | 1,650 |
| 45 | 155 | 5 | 1 | 109,745 | 84,488 | 1,554 |
| 45 | 161 | 6 | 1 | 109,338 | 80,308 | 1,466 |
| 45 | 167 | 6 | 1 | 111,112 | 77,821 | 1,385 |
| 48 | -100 | 6 | 1 | 112,837 | 75,995 | 1,016 |
| 48 | -94 | 5 | 1 | 112,734 | 80,256 | 1,078 |
| 48 | -88 | 5 | 1 | 113,270 | 83,585 | 1,145 |
| 48 | -82 | 5 | 1 | 114,255 | 86,000 | 1,218 |
| 48 | -76 | 5 | 1 | 113,717 | 87,714 | 1,298 |
| 48 | -70 | 5 | 1 | 113,026 | 89,157 | 1,385 |
| 48 | -64 | 5 | 1 | 111,241 | 89,653 | 1,478 |
| 48 | -58 | 5 | 1 | 108,446 | 89,454 | 1,578 |
| 48 | -52 | 5 | 1 | 104,595 | 91,397 | 1,683 |
| 48 | -46 | 4 | 1 | 101,888 | 94,136 | 1,788 |
| 48 | -40 | 4 | 1 | 101,104 | 90,124 | 1,889 |
| 48 | -34 | 4 | 1 | 98,413 | 90,417 | 1,978 |
| 48 | -28 | 4 | 1 | 93,917 | 87,143 | 2,047 |
| 48 | -22 | 4 | 1 | 88,210 | 83,447 | 2,088 |
| 48 | -16 | 4 | 1 | 82,510 | 78,781 | 2,104 |
| 48 | -10 | 4 | 1 | 76,593 | 74,532 | 2,106 |
| 48 | -4 | 3 | 1 | 72,143 | 68,871 | 2,111 |
| 48 | 2 | 3 | 1 | 66,627 | 60,518 | 2,137 |
| 48 | 8 | 3 | 1 | 58,485 | 54,747 | 2,175 |
| 48 | 14 | 3 | 1 | 49,204 | 47,624 | 2,202 |
| 48 | 20 | 2 | 1 | 40,922 | 40,316 | 2,244 |
| 48 | 26 | 3 | 1 | 35,596 | 35,099 | 2,348 |
| 48 | 32 | 3 | 1 | 34,579 | 33,630 | 2,510 |
| 48 | 38 | 3 | 1 | 36,582 | 35,966 | 2,690 |
| 48 | 44 | 3 | 1 | 41,918 | 41,634 | 2,844 |
| 48 | 50 | 3 | 1 | 50,581 | 49,181 | 2,966 |
| 48 | 56 | 3 | 1 | 59,951 | 56,346 | 3,092 |
| 48 | 62 | 3 | 1 | 67,737 | 62,387 | 3,218 |
| 48 | 68 | 3 | 1 | 72,825 | 69,852 | 3,289 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 48 | 74 | 4 | 1 | 77,156 | 76,067 | 3,279 |
| 48 | 80 | 4 | 1 | 82,622 | 81,055 | 3,204 |
| 48 | 86 | 4 | 1 | 87,684 | 85,116 | 3,092 |
| 48 | 92 | 4 | 1 | 92,120 | 89,891 | 2,959 |
| 48 | 98 | 4 | 1 | 95,399 | 93,276 | 2,812 |
| 48 | 104 | 4 | 1 | 97,482 | 93,848 | 2,656 |
| 48 | 110 | 4 | 1 | 97,947 | 94,359 | 2,499 |
| 48 | 116 | 5 | 1 | 101,524 | 94,331 | 2,344 |
| 48 | 122 | 5 | 1 | 104,632 | 90,692 | 2,195 |
| 48 | 128 | 5 | 1 | 107,514 | 89,659 | 2,055 |
| 48 | 134 | 5 | 1 | 108,619 | 89,294 | 1,926 |
| 48 | 140 | 5 | 1 | 109,890 | 87,026 | 1,806 |
| 48 | 146 | 5 | 1 | 109,972 | 84,024 | 1,696 |
| 48 | 152 | 5 | 1 | 109,176 | 81,441 | 1,595 |
| 48 | 158 | 5 | 1 | 108,906 | 79,899 | 1,503 |
| 48 | 164 | 6 | 1 | 109,175 | 79,617 | 1,419 |
| 48 | 170 | 6 | 1 | 110,401 | 83,249 | 1,341 |
| 51 | -97 | 5 | 1 | 111,445 | 77,387 | 1,038 |
| 51 | -91 | 5 | 1 | 112,762 | 79,638 | 1,102 |
| 51 | -85 | 5 | 1 | 112,739 | 83,071 | 1,172 |
| 51 | -79 | 5 | 1 | 113,478 | 87,028 | 1,248 |
| 51 | -73 | 5 | 1 | 112,717 | 88,415 | 1,332 |
| 51 | -67 | 5 | 1 | 111,579 | 89,583 | 1,422 |
| 51 | -61 | 5 | 1 | 109,253 | 88,211 | 1,520 |
| 51 | -55 | 5 | 1 | 106,220 | 90,966 | 1,624 |
| 51 | -49 | 5 | 1 | 101,631 | 90,906 | 1,732 |
| 51 | -43 | 4 | 1 | 100,727 | 91,231 | 1,839 |
| 51 | -37 | 4 | 1 | 98,987 | 91,537 | 1,941 |
| 51 | -31 | 4 | 1 | 95,607 | 89,949 | 2,031 |
| 51 | -25 | 4 | 1 | 91,148 | 86,029 | 2,102 |
| 51 | -19 | 4 | 1 | 85,990 | 80,834 | 2,152 |
| 51 | -13 | 4 | 1 | 80,791 | 77,495 | 2,185 |
| 51 | -7 | 4 | 1 | 75,004 | 73,797 | 2,214 |
| 51 | -1 | 3 | 1 | 71,399 | 67,192 | 2,264 |
| 51 | 5 | 3 | 1 | 65,950 | 60,209 | 2,344 |
| 51 | 11 | 3 | 1 | 58,535 | 55,130 | 2,421 |
| 51 | 17 | 3 | 1 | 50,543 | 48,987 | 2,482 |
| 51 | 23 | 3 | 1 | 44,108 | 43,420 | 2,569 |
| 51 | 29 | 3 | 1 | 41,169 | 39,929 | 2,719 |
| 51 | 35 | 3 | 1 | 41,567 | 40,923 | 2,910 |
| 51 | 41 | 3 | 1 | 45,057 | 44,420 | 3,091 |
| 51 | 47 | 3 | 1 | 51,562 | 50,559 | 3,219 |
| 51 | 53 | 3 | 1 | 59,514 | 56,266 | 3,313 |
| 51 | 59 | 3 | 1 | 66,694 | 61,192 | 3,407 |
| 51 | 65 | 3 | 1 | 71,820 | 68,116 | 3,471 |
| 51 | 71 | 4 | 1 | 75,336 | 74,594 | 3,461 |
| 51 | 77 | 4 | 1 | 80,715 | 79,276 | 3,376 |
| 51 | 83 | 4 | 1 | 85,247 | 83,823 | 3,242 |
| 51 | 89 | 4 | 1 | 89,511 | 87,380 | 3,086 |
| 51 | 95 | 4 | 1 | 93,118 | 90,020 | 2,922 |
| 51 | 101 | 4 | 1 | 95,449 | 92,729 | 2,755 |
| 51 | 107 | 4 | 1 | 96,294 | 94,184 | 2,589 |
| 51 | 113 | 5 | 1 | 98,622 | 92,709 | 2,427 |
| 51 | 119 | 5 | 1 | 102,082 | 90,726 | 2,271 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 51 | 125 | 5 | 1 | 105,391 | 90,126 | 2,124 |
| 51 | 131 | 5 | 1 | 106,910 | 89,509 | 1,988 |
| 51 | 137 | 5 | 1 | 108,596 | 87,545 | 1,862 |
| 51 | 143 | 5 | 1 | 108,814 | 84,661 | 1,746 |
| 51 | 149 | 5 | 1 | 108,834 | 81,150 | 1,640 |
| 51 | 155 | 5 | 1 | 108,483 | 82,506 | 1,543 |
| 51 | 161 | 6 | 1 | 107,424 | 83,913 | 1,455 |
| 51 | 167 | 6 | 1 | 109,762 | 78,192 | 1,374 |
| 54 | -100 | 6 | 1 | 112,257 | 75,351 | 1,000 |
| 54 | -94 | 5 | 1 | 110,840 | 78,727 | 1,061 |
| 54 | -88 | 5 | 1 | 112,396 | 80,969 | 1,128 |
| 54 | -82 | 5 | 1 | 112,378 | 83,039 | 1,201 |
| 54 | -76 | 5 | 1 | 112,462 | 85,303 | 1,281 |
| 54 | -70 | 5 | 1 | 111,406 | 88,750 | 1,369 |
| 54 | -64 | 5 | 1 | 109,898 | 88,391 | 1,463 |
| 54 | -58 | 5 | 1 | 106,959 | 86,474 | 1,565 |
| 54 | -52 | 5 | 1 | 103,708 | 90,390 | 1,672 |
| 54 | -46 | 4 | 1 | 99,510 | 92,203 | 1,782 |
| 54 | -40 | 4 | 1 | 98,906 | 91,502 | 1,892 |
| 54 | -34 | 4 | 1 | 96,776 | 89,735 | 1,995 |
| 54 | -28 | 4 | 1 | 93,221 | 86,634 | 2,087 |
| 54 | -22 | 4 | 1 | 88,723 | 82,372 | 2,165 |
| 54 | -16 | 4 | 1 | 84,042 | 79,103 | 2,227 |
| 54 | -10 | 4 | 1 | 79,371 | 76,381 | 2,282 |
| 54 | -4 | 3 | 1 | 74,133 | 72,104 | 2,349 |
| 54 | 2 | 3 | 1 | 70,871 | 66,185 | 2,453 |
| 54 | 8 | 3 | 1 | 65,755 | 60,241 | 2,579 |
| 54 | 14 | 3 | 1 | 59,421 | 56,089 | 2,683 |
| 54 | 20 | 3 | 1 | 53,112 | 51,445 | 2,777 |
| 54 | 26 | 3 | 1 | 48,848 | 47,484 | 2,912 |
| 54 | 32 | 3 | 1 | 47,565 | 46,387 | 3,101 |
| 54 | 38 | 3 | 1 | 49,282 | 48,400 | 3,303 |
| 54 | 44 | 3 | 1 | 53,718 | 52,824 | 3,456 |
| 54 | 50 | 3 | 1 | 59,977 | 57,879 | 3,543 |
| 54 | 56 | 3 | 1 | 66,162 | 61,058 | 3,603 |
| 54 | 62 | 3 | 1 | 71,041 | 66,563 | 3,650 |
| 54 | 68 | 3 | 1 | 74,193 | 73,083 | 3,641 |
| 54 | 74 | 4 | 1 | 79,079 | 77,665 | 3,555 |
| 54 | 80 | 4 | 1 | 83,458 | 81,316 | 3,408 |
| 54 | 86 | 4 | 1 | 87,271 | 85,227 | 3,230 |
| 54 | 92 | 4 | 1 | 90,608 | 88,946 | 3,044 |
| 54 | 98 | 4 | 1 | 93,248 | 91,056 | 2,862 |
| 54 | 104 | 4 | 1 | 94,825 | 91,599 | 2,685 |
| 54 | 110 | 5 | 1 | 95,626 | 91,127 | 2,514 |
| 54 | 116 | 5 | 1 | 99,598 | 91,051 | 2,351 |
| 54 | 122 | 5 | 1 | 103,071 | 89,626 | 2,197 |
| 54 | 128 | 5 | 1 | 105,050 | 89,134 | 2,054 |
| 54 | 134 | 5 | 1 | 107,058 | 87,527 | 1,922 |
| 54 | 140 | 5 | 1 | 107,467 | 85,122 | 1,800 |
| 54 | 146 | 5 | 1 | 108,107 | 81,903 | 1,688 |
| 54 | 152 | 5 | 1 | 107,688 | 81,402 | 1,587 |
| 54 | 158 | 5 | 1 | 106,740 | 80,076 | 1,494 |
| 54 | 164 | 6 | 1 | 108,243 | 78,203 | 1,409 |
| 54 | 170 | 6 | 1 | 108,938 | 80,449 | 1,331 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 57 | -97 | 6 | 1 | 110,770 | 75,810 | 1,023 |
| 57 | -91 | 5 | 1 | 110,783 | 79,824 | 1,087 |
| 57 | -85 | 5 | 1 | 111,723 | 82,033 | 1,157 |
| 57 | -79 | 5 | 1 | 111,669 | 83,525 | 1,233 |
| 57 | -73 | 5 | 1 | 111,235 | 84,584 | 1,317 |
| 57 | -67 | 5 | 1 | 109,808 | 88,716 | 1,408 |
| 57 | -61 | 5 | 1 | 107,978 | 87,668 | 1,507 |
| 57 | -55 | 5 | 1 | 104,574 | 86,814 | 1,612 |
| 57 | -49 | 5 | 1 | 100,945 | 88,031 | 1,722 |
| 57 | -43 | 4 | 1 | 98,152 | 89,653 | 1,834 |
| 57 | -37 | 4 | 1 | 96,863 | 89,692 | 1,944 |
| 57 | -31 | 4 | 1 | 94,264 | 88,231 | 2,049 |
| 57 | -25 | 4 | 1 | 90,581 | 85,556 | 2,146 |
| 57 | -19 | 4 | 1 | 86,503 | 82,037 | 2,232 |
| 57 | -13 | 4 | 1 | 82,446 | 77,680 | 2,311 |
| 57 | -7 | 4 | 1 | 78,165 | 75,214 | 2,394 |
| 57 | -1 | 3 | 1 | 73,660 | 71,955 | 2,509 |
| 57 | 5 | 3 | 1 | 70,537 | 65,503 | 2,666 |
| 57 | 11 | 3 | 1 | 66,103 | 60,872 | 2,819 |
| 57 | 17 | 3 | 1 | 61,012 | 57,653 | 2,943 |
| 57 | 23 | 3 | 1 | 56,518 | 54,214 | 3,075 |
| 57 | 29 | 3 | 1 | 54,038 | 51,940 | 3,255 |
| 57 | 35 | 3 | 1 | 54,131 | 53,227 | 3,464 |
| 57 | 41 | 3 | 1 | 56,719 | 55,679 | 3,648 |
| 57 | 47 | 3 | 1 | 61,190 | 60,258 | 3,753 |
| 57 | 53 | 3 | 1 | 66,184 | 63,228 | 3,796 |
| 57 | 59 | 3 | 1 | 70,457 | 65,860 | 3,820 |
| 57 | 65 | 3 | 1 | 73,477 | 72,219 | 3,807 |
| 57 | 71 | 4 | 1 | 77,611 | 76,468 | 3,726 |
| 57 | 77 | 4 | 1 | 81,888 | 79,485 | 3,578 |
| 57 | 83 | 4 | 1 | 85,347 | 83,204 | 3,387 |
| 57 | 89 | 4 | 1 | 88,546 | 85,984 | 3,180 |
| 57 | 95 | 4 | 1 | 91,230 | 88,341 | 2,978 |
| 57 | 101 | 4 | 1 | 92,997 | 90,156 | 2,787 |
| 57 | 107 | 4 | 1 | 93,645 | 91,009 | 2,606 |
| 57 | 113 | 5 | 1 | 97,016 | 90,902 | 2,435 |
| 57 | 119 | 5 | 1 | 100,602 | 88,594 | 2,274 |
| 57 | 125 | 5 | 1 | 103,053 | 86,279 | 2,124 |
| 57 | 131 | 5 | 1 | 105,318 | 87,672 | 1,985 |
| 57 | 137 | 5 | 1 | 105,973 | 85,412 | 1,857 |
| 57 | 143 | 5 | 1 | 107,079 | 83,354 | 1,740 |
| 57 | 149 | 5 | 1 | 106,623 | 82,342 | 1,633 |
| 57 | 155 | 5 | 1 | 106,527 | 78,057 | 1,535 |
| 57 | 161 | 6 | 1 | 106,117 | 79,489 | 1,446 |
| 57 | 167 | 6 | 1 | 108,054 | 80,746 | 1,365 |
| 60 | -100 | 6 | 1 | 111,093 | 74,251 | 0,987 |
| 60 | -94 | 5 | 1 | 109,859 | 76,458 | 1,048 |
| 60 | -88 | 5 | 1 | 110,572 | 78,885 | 1,115 |
| 60 | -82 | 5 | 1 | 110,810 | 82,528 | 1,188 |
| 60 | -76 | 5 | 1 | 110,667 | 83,967 | 1,268 |
| 60 | -70 | 5 | 1 | 109,815 | 85,161 | 1,355 |
| 60 | -64 | 5 | 1 | 107,949 | 88,315 | 1,450 |
| 60 | -58 | 5 | 1 | 105,829 | 86,524 | 1,552 |
| 60 | -52 | 5 | 1 | 102,305 | 88,002 | 1,659 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 60 | -46 | 5 | 1 | 98,001 | 88,607 | 1,771 |
| 60 | -40 | 4 | 1 | 96,457 | 88,691 | 1,884 |
| 60 | -34 | 4 | 1 | 94,808 | 87,898 | 1,996 |
| 60 | -28 | 4 | 1 | 92,048 | 85,966 | 2,105 |
| 60 | -22 | 4 | 1 | 88,583 | 83,039 | 2,208 |
| 60 | -16 | 4 | 1 | 84,965 | 79,922 | 2,305 |
| 60 | -10 | 4 | 1 | 81,187 | 76,993 | 2,403 |
| 60 | -4 | 4 | 1 | 77,114 | 74,101 | 2,523 |
| 60 | 2 | 3 | 1 | 73,214 | 71,189 | 2,689 |
| 60 | 8 | 3 | 1 | 70,509 | 65,463 | 2,880 |
| 60 | 14 | 3 | 1 | 66,867 | 62,026 | 3,045 |
| 60 | 20 | 3 | 1 | 63,059 | 59,405 | 3,191 |
| 60 | 26 | 3 | 1 | 60,131 | 57,291 | 3,364 |
| 60 | 32 | 3 | 1 | 59,051 | 57,818 | 3,573 |
| 60 | 38 | 3 | 1 | 60,112 | 59,006 | 3,777 |
| 60 | 44 | 3 | 1 | 62,957 | 61,992 | 3,916 |
| 60 | 50 | 3 | 1 | 66,673 | 64,652 | 3,969 |
| 60 | 56 | 3 | 1 | 70,223 | 67,467 | 3,977 |
| 60 | 62 | 3 | 1 | 72,831 | 71,407 | 3,956 |
| 60 | 68 | 4 | 1 | 76,568 | 74,977 | 3,881 |
| 60 | 74 | 4 | 1 | 80,563 | 78,444 | 3,740 |
| 60 | 80 | 4 | 1 | 83,681 | 82,313 | 3,547 |
| 60 | 86 | 4 | 1 | 86,582 | 84,951 | 3,326 |
| 60 | 92 | 4 | 1 | 89,072 | 87,482 | 3,105 |
| 60 | 98 | 4 | 1 | 90,941 | 89,171 | 2,896 |
| 60 | 104 | 4 | 1 | 92,043 | 89,672 | 2,702 |
| 60 | 110 | 5 | 1 | 94,425 | 89,198 | 2,522 |
| 60 | 116 | 5 | 1 | 98,049 | 89,588 | 2,354 |
| 60 | 122 | 5 | 1 | 100,944 | 86,162 | 2,197 |
| 60 | 128 | 5 | 1 | 103,416 | 87,644 | 2,052 |
| 60 | 134 | 5 | 1 | 104,392 | 85,344 | 1,918 |
| 60 | 140 | 5 | 1 | 105,820 | 83,776 | 1,795 |
| 60 | 146 | 5 | 1 | 105,488 | 79,948 | 1,683 |
| 60 | 152 | 5 | 1 | 105,915 | 80,853 | 1,580 |
| 60 | 158 | 5 | 1 | 104,807 | 82,936 | 1,486 |
| 60 | 164 | 6 | 1 | 106,883 | 76,441 | 1,401 |
| 60 | 170 | 6 | 1 | 107,999 | 76,996 | 1,323 |
| 63 | -97 | 6 | 1 | 109,942 | 74,721 | 1,011 |
| 63 | -91 | 5 | 1 | 109,119 | 77,485 | 1,075 |
| 63 | -85 | 5 | 1 | 110,012 | 78,971 | 1,144 |
| 63 | -79 | 5 | 1 | 109,708 | 83,131 | 1,221 |
| 63 | -73 | 5 | 1 | 109,412 | 84,330 | 1,304 |
| 63 | -67 | 5 | 1 | 108,212 | 85,653 | 1,395 |
| 63 | -61 | 5 | 1 | 105,858 | 87,143 | 1,493 |
| 63 | -55 | 5 | 1 | 103,479 | 84,995 | 1,597 |
| 63 | -49 | 5 | 1 | 99,856 | 87,391 | 1,706 |
| 63 | -43 | 5 | 1 | 95,279 | 88,515 | 1,819 |
| 63 | -37 | 4 | 1 | 94,356 | 88,350 | 1,933 |
| 63 | -31 | 4 | 1 | 92,463 | 86,992 | 2,047 |
| 63 | -25 | 4 | 1 | 89,728 | 84,672 | 2,160 |
| 63 | -19 | 4 | 1 | 86,643 | 81,614 | 2,270 |
| 63 | -13 | 4 | 1 | 83,623 | 77,841 | 2,380 |
| 63 | -7 | 4 | 1 | 80,206 | 76,221 | 2,504 |
| 63 | -1 | 4 | 1 | 76,351 | 73,710 | 2,667 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 63 | 5 | 3 | 1 | 72,889 | 70,874 | 2,873 |
| 63 | 11 | 3 | 1 | 70,571 | 66,468 | 3,077 |
| 63 | 17 | 3 | 1 | 67,841 | 63,318 | 3,250 |
| 63 | 23 | 3 | 1 | 65,223 | 61,125 | 3,425 |
| 63 | 29 | 3 | 1 | 63,623 | 60,431 | 3,629 |
| 63 | 35 | 3 | 1 | 63,524 | 62,395 | 3,843 |
| 63 | 41 | 3 | 1 | 65,011 | 64,028 | 4,016 |
| 63 | 47 | 3 | 1 | 67,502 | 66,438 | 4,100 |
| 63 | 53 | 3 | 1 | 70,151 | 68,283 | 4,110 |
| 63 | 59 | 3 | 1 | 72,445 | 71,082 | 4,084 |
| 63 | 65 | 4 | 1 | 75,775 | 74,002 | 4,015 |
| 63 | 71 | 4 | 1 | 79,481 | 77,397 | 3,884 |
| 63 | 77 | 4 | 1 | 82,469 | 80,579 | 3,697 |
| 63 | 83 | 4 | 1 | 85,059 | 82,541 | 3,475 |
| 63 | 89 | 4 | 1 | 87,358 | 84,855 | 3,239 |
| 63 | 95 | 4 | 1 | 89,272 | 86,437 | 3,013 |
| 63 | 101 | 4 | 1 | 90,517 | 87,175 | 2,803 |
| 63 | 107 | 5 | 1 | 91,916 | 89,905 | 2,612 |
| 63 | 113 | 5 | 1 | 95,489 | 89,102 | 2,435 |
| 63 | 119 | 5 | 1 | 98,766 | 87,341 | 2,272 |
| 63 | 125 | 5 | 1 | 101,394 | 85,233 | 2,121 |
| 63 | 131 | 5 | 1 | 102,736 | 84,524 | 1,982 |
| 63 | 137 | 5 | 1 | 104,382 | 82,959 | 1,854 |
| 63 | 143 | 5 | 1 | 104,609 | 80,201 | 1,736 |
| 63 | 149 | 5 | 1 | 105,002 | 81,653 | 1,628 |
| 63 | 155 | 5 | 1 | 104,138 | 79,682 | 1,529 |
| 63 | 161 | 6 | 1 | 105,082 | 78,042 | 1,440 |
| 63 | 167 | 6 | 1 | 106,166 | 82,159 | 1,358 |
| 66 | -100 | 6 | 1 | 109,553 | 72,331 | 0,976 |
| 66 | -94 | 6 | 1 | 108,268 | 75,014 | 1,037 |
| 66 | -88 | 5 | 1 | 108,141 | 78,283 | 1,103 |
| 66 | -82 | 5 | 1 | 109,173 | 79,681 | 1,176 |
| 66 | -76 | 5 | 1 | 108,450 | 83,021 | 1,255 |
| 66 | -70 | 5 | 1 | 107,938 | 84,609 | 1,342 |
| 66 | -64 | 5 | 1 | 106,441 | 86,022 | 1,435 |
| 66 | -58 | 5 | 1 | 103,781 | 86,463 | 1,535 |
| 66 | -52 | 5 | 1 | 100,981 | 83,134 | 1,641 |
| 66 | -46 | 5 | 1 | 97,309 | 84,899 | 1,751 |
| 66 | -40 | 4 | 1 | 93,769 | 85,465 | 1,864 |
| 66 | -34 | 4 | 1 | 92,601 | 85,045 | 1,980 |
| 66 | -28 | 4 | 1 | 90,564 | 84,204 | 2,098 |
| 66 | -22 | 4 | 1 | 87,978 | 82,503 | 2,215 |
| 66 | -16 | 4 | 1 | 85,235 | 80,587 | 2,333 |
| 66 | -10 | 4 | 1 | 82,485 | 77,510 | 2,459 |
| 66 | -4 | 4 | 1 | 79,443 | 75,451 | 2,615 |
| 66 | 2 | 4 | 1 | 75,956 | 73,761 | 2,818 |
| 66 | 8 | 3 | 1 | 72,691 | 71,292 | 3,044 |
| 66 | 14 | 3 | 1 | 70,885 | 67,797 | 3,248 |
| 66 | 20 | 3 | 1 | 68,875 | 64,824 | 3,434 |
| 66 | 26 | 3 | 1 | 67,283 | 63,135 | 3,637 |
| 66 | 32 | 3 | 1 | 66,573 | 65,021 | 3,855 |
| 66 | 38 | 3 | 1 | 67,026 | 65,695 | 4,050 |
| 66 | 44 | 3 | 1 | 68,467 | 67,076 | 4,174 |
| 66 | 50 | 3 | 1 | 70,398 | 69,191 | 4,209 |

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 66 | 56 | 3 | 1 | 72,137 | 71,454 | 4,187 |
| 66 | 62 | 4 | 1 | 75,238 | 73,975 | 4,124 |
| 66 | 68 | 4 | 1 | 78,634 | 76,442 | 4,006 |
| 66 | 74 | 4 | 1 | 81,400 | 79,190 | 3,831 |
| 66 | 80 | 4 | 1 | 83,583 | 82,139 | 3,615 |
| 66 | 86 | 4 | 1 | 85,703 | 84,022 | 3,376 |
| 66 | 92 | 4 | 1 | 87,502 | 85,539 | 3,136 |
| 66 | 98 | 4 | 1 | 88,802 | 86,604 | 2,911 |
| 66 | 104 | 5 | 1 | 89,545 | 87,630 | 2,705 |
| 66 | 110 | 5 | 1 | 93,044 | 87,480 | 2,519 |
| 66 | 116 | 5 | 1 | 96,575 | 86,186 | 2,349 |
| 66 | 122 | 5 | 1 | 99,301 | 85,171 | 2,192 |
| 66 | 128 | 5 | 1 | 100,933 | 84,200 | 2,047 |
| 66 | 134 | 5 | 1 | 102,810 | 82,944 | 1,914 |
| 66 | 140 | 5 | 1 | 103,480 | 80,323 | 1,791 |
| 66 | 146 | 5 | 1 | 103,867 | 80,296 | 1,678 |
| 66 | 152 | 5 | 1 | 103,691 | 76,847 | 1,575 |
| 66 | 158 | 5 | 1 | 103,227 | 79,074 | 1,481 |
| 66 | 164 | 6 | 1 | 105,282 | 78,378 | 1,395 |
| 66 | 170 | 6 | 1 | 106,788 | 75,074 | 1,316 |
| 69 | -97 | 6 | 1 | 108,687 | 73,231 | 1,001 |
| 69 | -91 | 5 | 1 | 107,631 | 75,191 | 1,064 |
| 69 | -85 | 5 | 1 | 107,679 | 78,869 | 1,133 |
| 69 | -79 | 5 | 1 | 108,107 | 80,148 | 1,209 |
| 69 | -73 | 5 | 1 | 107,061 | 83,024 | 1,291 |
| 69 | -67 | 5 | 1 | 106,279 | 83,949 | 1,380 |
| 69 | -61 | 5 | 1 | 104,523 | 84,806 | 1,475 |
| 69 | -55 | 5 | 1 | 101,743 | 84,332 | 1,576 |
| 69 | -49 | 5 | 1 | 98,412 | 83,812 | 1,683 |
| 69 | -43 | 5 | 1 | 94,766 | 84,880 | 1,793 |
| 69 | -37 | 4 | 1 | 91,989 | 85,438 | 1,908 |
| 69 | -31 | 4 | 1 | 90,598 | 85,217 | 2,026 |
| 69 | -25 | 4 | 1 | 88,550 | 84,157 | 2,146 |
| 69 | -19 | 4 | 1 | 86,209 | 81,499 | 2,268 |
| 69 | -13 | 4 | 1 | 84,030 | 78,390 | 2,395 |
| 69 | -7 | 4 | 1 | 81,529 | 77,254 | 2,543 |
| 69 | -1 | 4 | 1 | 78,876 | 74,783 | 2,733 |
| 69 | 5 | 4 | 1 | 75,767 | 73,327 | 2,963 |
| 69 | 11 | 3 | 1 | 72,468 | 71,561 | 3,191 |
| 69 | 17 | 3 | 1 | 71,152 | 69,299 | 3,396 |
| 69 | 23 | 3 | 1 | 69,842 | 67,326 | 3,599 |
| 69 | 29 | 3 | 1 | 68,973 | 66,619 | 3,818 |
| 69 | 35 | 3 | 1 | 68,874 | 67,686 | 4,028 |
| 69 | 41 | 3 | 1 | 69,548 | 68,545 | 4,187 |
| 69 | 47 | 3 | 1 | 70,638 | 69,739 | 4,260 |
| 69 | 53 | 4 | 1 | 72,227 | 71,866 | 4,257 |
| 69 | 59 | 4 | 1 | 75,125 | 74,204 | 4,206 |
| 69 | 65 | 4 | 1 | 78,017 | 75,961 | 4,105 |
| 69 | 71 | 4 | 1 | 80,497 | 78,198 | 3,945 |
| 69 | 77 | 4 | 1 | 82,553 | 80,729 | 3,740 |
| 69 | 83 | 4 | 1 | 84,383 | 82,050 | 3,506 |
| 69 | 89 | 4 | 1 | 85,926 | 83,955 | 3,261 |
| 69 | 95 | 4 | 1 | 87,156 | 85,232 | 3,023 |
| 69 | 101 | 4 | 1 | 87,886 | 85,840 | 2,804 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 69 | 107 | 5 | 1 | 91,040 | 86,403 | 2,606 |
| 69 | 113 | 5 | 1 | 94,434 | 85,870 | 2,427 |
| 69 | 119 | 5 | 1 | 97,192 | 84,939 | 2,263 |
| 69 | 125 | 5 | 1 | 99,081 | 83,667 | 2,113 |
| 69 | 131 | 5 | 1 | 101,145 | 82,758 | 1,975 |
| 69 | 137 | 5 | 1 | 102,163 | 83,678 | 1,848 |
| 69 | 143 | 5 | 1 | 102,572 | 80,277 | 1,731 |
| 69 | 149 | 5 | 1 | 102,925 | 78,289 | 1,623 |
| 69 | 155 | 5 | 1 | 102,225 | 81,697 | 1,525 |
| 69 | 161 | 6 | 1 | 103,759 | 74,664 | 1,435 |
| 69 | 167 | 6 | 1 | 104,630 | 79,287 | 1,352 |
| 72 | -100 | 6 | 1 | 108,173 | 70,318 | 0,966 |
| 72 | -94 | 6 | 1 | 107,265 | 73,525 | 1,027 |
| 72 | -88 | 5 | 1 | 106,735 | 75,700 | 1,092 |
| 72 | -82 | 5 | 1 | 106,933 | 77,925 | 1,164 |
| 72 | -76 | 5 | 1 | 106,860 | 80,386 | 1,242 |
| 72 | -70 | 5 | 1 | 105,558 | 82,315 | 1,327 |
| 72 | -64 | 5 | 1 | 104,470 | 83,554 | 1,417 |
| 72 | -58 | 5 | 1 | 102,494 | 82,605 | 1,513 |
| 72 | -52 | 5 | 1 | 99,623 | 83,079 | 1,615 |
| 72 | -46 | 5 | 1 | 96,069 | 84,317 | 1,722 |
| 72 | -40 | 5 | 1 | 92,313 | 85,047 | 1,833 |
| 72 | -34 | 4 | 1 | 90,074 | 84,433 | 1,949 |
| 72 | -28 | 4 | 1 | 88,740 | 82,994 | 2,068 |
| 72 | -22 | 4 | 1 | 86,951 | 80,858 | 2,191 |
| 72 | -16 | 4 | 1 | 84,988 | 80,005 | 2,318 |
| 72 | -10 | 4 | 1 | 82,905 | 78,261 | 2,460 |
| 72 | -4 | 4 | 1 | 80,792 | 77,006 | 2,633 |
| 72 | 2 | 4 | 1 | 78,479 | 74,307 | 2,851 |
| 72 | 8 | 4 | 1 | 75,797 | 72,986 | 3,091 |
| 72 | 14 | 4 | 1 | 73,201 | 72,139 | 3,314 |
| 72 | 20 | 3 | 1 | 71,332 | 70,536 | 3,523 |
| 72 | 26 | 3 | 1 | 70,616 | 69,388 | 3,742 |
| 72 | 32 | 3 | 1 | 70,232 | 69,564 | 3,961 |
| 72 | 38 | 3 | 1 | 70,407 | 70,100 | 4,146 |
| 72 | 44 | 4 | 1 | 71,323 | 70,894 | 4,259 |
| 72 | 50 | 4 | 1 | 73,096 | 72,241 | 4,288 |
| 72 | 56 | 4 | 1 | 75,302 | 74,512 | 4,256 |
| 72 | 62 | 4 | 1 | 77,619 | 76,909 | 4,176 |
| 72 | 68 | 4 | 1 | 79,759 | 77,719 | 4,037 |
| 72 | 74 | 4 | 1 | 81,621 | 79,228 | 3,847 |
| 72 | 80 | 4 | 1 | 83,102 | 81,699 | 3,622 |
| 72 | 86 | 4 | 1 | 84,605 | 82,421 | 3,380 |
| 72 | 92 | 4 | 1 | 85,780 | 83,038 | 3,137 |
| 72 | 98 | 4 | 1 | 86,562 | 84,260 | 2,905 |
| 72 | 104 | 5 | 1 | 89,191 | 85,735 | 2,695 |
| 72 | 110 | 5 | 1 | 92,395 | 85,346 | 2,506 |
| 72 | 116 | 5 | 1 | 95,119 | 84,533 | 2,335 |
| 72 | 122 | 5 | 1 | 97,263 | 82,945 | 2,180 |
| 72 | 128 | 5 | 1 | 99,426 | 82,411 | 2,037 |
| 72 | 134 | 5 | 1 | 100,711 | 81,611 | 1,905 |
| 72 | 140 | 5 | 1 | 101,168 | 81,094 | 1,784 |
| 72 | 146 | 5 | 1 | 101,920 | 81,816 | 1,673 |
| 72 | 152 | 5 | 1 | 101,258 | 78,845 | 1,570 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 72 | 158 | 6 | 1 | 101,799 | 77,674 | 1,476 |
| 72 | 164 | 6 | 1 | 103,607 | 79,551 | 1,390 |
| 72 | 170 | 6 | 1 | 105,425 | 72,662 | 1,311 |
| 75 | -97 | 6 | 1 | 107,214 | 71,158 | 0,991 |
| 75 | -91 | 5 | 1 | 105,732 | 73,629 | 1,054 |
| 75 | -85 | 5 | 1 | 105,635 | 76,220 | 1,122 |
| 75 | -79 | 5 | 1 | 105,946 | 76,835 | 1,196 |
| 75 | -73 | 5 | 1 | 105,467 | 80,410 | 1,276 |
| 75 | -67 | 5 | 1 | 103,961 | 83,096 | 1,361 |
| 75 | -61 | 5 | 1 | 102,553 | 82,639 | 1,453 |
| 75 | -55 | 5 | 1 | 100,401 | 82,016 | 1,549 |
| 75 | -49 | 5 | 1 | 97,486 | 81,589 | 1,651 |
| 75 | -43 | 5 | 1 | 94,029 | 82,421 | 1,758 |
| 75 | -37 | 5 | 1 | 90,276 | 82,354 | 1,870 |
| 75 | -31 | 4 | 1 | 88,505 | 81,552 | 1,987 |
| 75 | -25 | 4 | 1 | 87,136 | 81,536 | 2,108 |
| 75 | -19 | 4 | 1 | 85,451 | 81,032 | 2,233 |
| 75 | -13 | 4 | 1 | 83,757 | 78,673 | 2,368 |
| 75 | -7 | 4 | 1 | 82,066 | 77,969 | 2,527 |
| 75 | -1 | 4 | 1 | 80,236 | 76,237 | 2,727 |
| 75 | 5 | 4 | 1 | 78,225 | 74,094 | 2,961 |
| 75 | 11 | 4 | 1 | 76,032 | 72,669 | 3,197 |
| 75 | 17 | 4 | 1 | 74,137 | 71,925 | 3,415 |
| 75 | 23 | 4 | 1 | 72,848 | 71,389 | 3,632 |
| 75 | 29 | 4 | 1 | 72,200 | 70,304 | 3,857 |
| 75 | 35 | 4 | 1 | 72,197 | 71,505 | 4,060 |
| 75 | 41 | 4 | 1 | 72,814 | 71,960 | 4,208 |
| 75 | 47 | 4 | 1 | 73,991 | 73,090 | 4,276 |
| 75 | 53 | 4 | 1 | 75,610 | 74,828 | 4,272 |
| 75 | 59 | 4 | 1 | 77,414 | 76,696 | 4,215 |
| 75 | 65 | 4 | 1 | 79,168 | 78,308 | 4,104 |
| 75 | 71 | 4 | 1 | 80,755 | 78,940 | 3,935 |
| 75 | 77 | 4 | 1 | 82,186 | 79,896 | 3,723 |
| 75 | 83 | 4 | 1 | 83,284 | 81,670 | 3,489 |
| 75 | 89 | 4 | 1 | 84,343 | 82,632 | 3,247 |
| 75 | 95 | 4 | 1 | 85,151 | 82,882 | 3,009 |
| 75 | 101 | 5 | 1 | 87,476 | 84,490 | 2,788 |
| 75 | 107 | 5 | 1 | 90,484 | 84,310 | 2,587 |
| 75 | 113 | 5 | 1 | 93,125 | 83,501 | 2,408 |
| 75 | 119 | 5 | 1 | 95,480 | 82,060 | 2,246 |
| 75 | 125 | 5 | 1 | 97,690 | 81,654 | 2,099 |
| 75 | 131 | 5 | 1 | 99,173 | 79,955 | 1,963 |
| 75 | 137 | 5 | 1 | 99,695 | 80,982 | 1,838 |
| 75 | 143 | 5 | 1 | 100,741 | 81,900 | 1,723 |
| 75 | 149 | 5 | 1 | 100,638 | 84,038 | 1,617 |
| 75 | 155 | 5 | 1 | 100,474 | 80,298 | 1,520 |
| 75 | 161 | 6 | 1 | 102,316 | 75,881 | 1,430 |
| 75 | 167 | 6 | 1 | 103,452 | 77,051 | 1,348 |
| 78 | -100 | 6 | 1 | 107,306 | 68,291 | 0,958 |
| 78 | -94 | 6 | 1 | 106,008 | 71,781 | 1,017 |
| 78 | -88 | 5 | 1 | 104,915 | 73,618 | 1,082 |
| 78 | -82 | 5 | 1 | 104,411 | 76,546 | 1,152 |
| 78 | -76 | 5 | 1 | 104,768 | 77,031 | 1,227 |
| 78 | -70 | 5 | 1 | 103,961 | 80,234 | 1,308 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 78 | -64 | 5 | 1 | 102,290 | 82,868 | 1,394 |
| 78 | -58 | 5 | 1 | 100,576 | 81,665 | 1,486 |
| 78 | -52 | 5 | 1 | 98,302 | 82,048 | 1,583 |
| 78 | -46 | 5 | 1 | 95,405 | 79,614 | 1,684 |
| 78 | -40 | 5 | 1 | 92,111 | 80,033 | 1,791 |
| 78 | -34 | 5 | 1 | 88,651 | 81,090 | 1,904 |
| 78 | -28 | 4 | 1 | 86,842 | 81,556 | 2,021 |
| 78 | -22 | 4 | 1 | 85,482 | 81,105 | 2,144 |
| 78 | -16 | 4 | 1 | 84,184 | 78,643 | 2,273 |
| 78 | -10 | 4 | 1 | 82,769 | 78,498 | 2,420 |
| 78 | -4 | 4 | 1 | 81,371 | 76,483 | 2,599 |
| 78 | 2 | 4 | 1 | 79,783 | 75,353 | 2,817 |
| 78 | 8 | 4 | 1 | 78,063 | 74,183 | 3,054 |
| 78 | 14 | 4 | 1 | 76,415 | 72,737 | 3,282 |
| 78 | 20 | 4 | 1 | 75,100 | 71,551 | 3,499 |
| 78 | 26 | 4 | 1 | 74,212 | 71,255 | 3,723 |
| 78 | 32 | 4 | 1 | 73,863 | 72,560 | 3,940 |
| 78 | 38 | 4 | 1 | 74,072 | 72,933 | 4,115 |
| 78 | 44 | 4 | 1 | 74,806 | 73,713 | 4,222 |
| 78 | 50 | 4 | 1 | 75,967 | 75,061 | 4,252 |
| 78 | 56 | 4 | 1 | 77,350 | 76,717 | 4,222 |
| 78 | 62 | 4 | 1 | 78,680 | 77,660 | 4,141 |
| 78 | 68 | 4 | 1 | 79,958 | 78,755 | 4,000 |
| 78 | 74 | 4 | 1 | 81,207 | 79,535 | 3,807 |
| 78 | 80 | 4 | 1 | 82,309 | 80,131 | 3,585 |
| 78 | 86 | 4 | 1 | 83,145 | 81,089 | 3,349 |
| 78 | 92 | 4 | 1 | 83,704 | 82,174 | 3,110 |
| 78 | 98 | 5 | 1 | 85,827 | 82,733 | 2,882 |
| 78 | 104 | 5 | 1 | 88,692 | 82,750 | 2,671 |
| 78 | 110 | 5 | 1 | 91,232 | 82,191 | 2,482 |
| 78 | 116 | 5 | 1 | 93,769 | 81,038 | 2,313 |
| 78 | 122 | 5 | 1 | 95,976 | 81,107 | 2,160 |
| 78 | 128 | 5 | 1 | 97,593 | 79,603 | 2,020 |
| 78 | 134 | 5 | 1 | 98,390 | 80,530 | 1,892 |
| 78 | 140 | 5 | 1 | 99,441 | 79,777 | 1,774 |
| 78 | 146 | 5 | 1 | 99,771 | 85,169 | 1,665 |
| 78 | 152 | 5 | 1 | 99,355 | 81,001 | 1,564 |
| 78 | 158 | 6 | 1 | 100,577 | 78,068 | 1,471 |
| 78 | 164 | 6 | 1 | 101,985 | 80,017 | 1,386 |
| 78 | 170 | 6 | 1 | 104,005 | 71,823 | 1,307 |
| 81 | -97 | 6 | 1 | 105,699 | 69,070 | 0,982 |
| 81 | -91 | 6 | 1 | 104,377 | 71,818 | 1,043 |
| 81 | -85 | 5 | 1 | 103,873 | 73,562 | 1,109 |
| 81 | -79 | 5 | 1 | 103,537 | 76,694 | 1,181 |
| 81 | -73 | 5 | 1 | 103,443 | 77,031 | 1,257 |
| 81 | -67 | 5 | 1 | 102,373 | 79,876 | 1,339 |
| 81 | -61 | 5 | 1 | 100,574 | 81,782 | 1,425 |
| 81 | -55 | 5 | 1 | 98,590 | 80,627 | 1,516 |
| 81 | -49 | 5 | 1 | 96,254 | 80,108 | 1,613 |
| 81 | -43 | 5 | 1 | 93,433 | 78,825 | 1,714 |
| 81 | -37 | 5 | 1 | 90,339 | 80,159 | 1,822 |
| 81 | -31 | 5 | 1 | 87,132 | 81,018 | 1,935 |
| 81 | -25 | 4 | 1 | 85,204 | 80,287 | 2,053 |
| 81 | -19 | 4 | 1 | 84,238 | 78,336 | 2,176 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 81 | -13 | 4 | 1 | 83,051 | 78,688 | 2,313 |
| 81 | -7 | 4 | 1 | 81,911 | 76,466 | 2,474 |
| 81 | -1 | 4 | 1 | 80,670 | 75,596 | 2,671 |
| 81 | 5 | 4 | 1 | 79,390 | 74,349 | 2,899 |
| 81 | 11 | 4 | 1 | 77,921 | 74,468 | 3,130 |
| 81 | 17 | 4 | 1 | 76,834 | 72,419 | 3,350 |
| 81 | 23 | 4 | 1 | 75,943 | 71,122 | 3,570 |
| 81 | 29 | 4 | 1 | 75,432 | 72,972 | 3,792 |
| 81 | 35 | 4 | 1 | 75,348 | 74,575 | 3,988 |
| 81 | 41 | 4 | 1 | 75,655 | 74,728 | 4,129 |
| 81 | 47 | 4 | 1 | 76,258 | 75,098 | 4,196 |
| 81 | 53 | 4 | 1 | 77,340 | 76,599 | 4,197 |
| 81 | 59 | 4 | 1 | 78,322 | 77,246 | 4,145 |
| 81 | 65 | 4 | 1 | 79,472 | 78,606 | 4,038 |
| 81 | 71 | 4 | 1 | 80,435 | 78,750 | 3,872 |
| 81 | 77 | 4 | 1 | 81,244 | 79,660 | 3,666 |
| 81 | 83 | 4 | 1 | 82,068 | 79,963 | 3,439 |
| 81 | 89 | 4 | 1 | 82,644 | 80,816 | 3,205 |
| 81 | 95 | 5 | 1 | 84,583 | 81,677 | 2,974 |
| 81 | 101 | 5 | 1 | 87,173 | 81,299 | 2,757 |
| 81 | 107 | 5 | 1 | 89,729 | 80,799 | 2,558 |
| 81 | 113 | 5 | 1 | 92,164 | 79,910 | 2,380 |
| 81 | 119 | 5 | 1 | 94,319 | 80,528 | 2,221 |
| 81 | 125 | 5 | 1 | 96,011 | 79,147 | 2,077 |
| 81 | 131 | 5 | 1 | 97,034 | 79,822 | 1,945 |
| 81 | 137 | 5 | 1 | 98,066 | 78,020 | 1,824 |
| 81 | 143 | 5 | 1 | 98,723 | 82,786 | 1,712 |
| 81 | 149 | 5 | 1 | 98,324 | 82,576 | 1,609 |
| 81 | 155 | 5 | 1 | 98,567 | 83,374 | 1,513 |
| 81 | 161 | 6 | 1 | 100,880 | 79,995 | 1,425 |
| 81 | 167 | 6 | 1 | 102,161 | 75,468 | 1,343 |
| 84 | -100 | 6 | 1 | 106,209 | 66,413 | 0,949 |
| 84 | -94 | 6 | 1 | 104,670 | 69,634 | 1,007 |
| 84 | -88 | 5 | 1 | 102,883 | 71,723 | 1,069 |
| 84 | -82 | 5 | 1 | 102,661 | 73,848 | 1,137 |
| 84 | -76 | 5 | 1 | 102,471 | 76,413 | 1,209 |
| 84 | -70 | 5 | 1 | 102,010 | 76,854 | 1,286 |
| 84 | -64 | 5 | 1 | 100,734 | 79,356 | 1,367 |
| 84 | -58 | 5 | 1 | 98,843 | 80,054 | 1,453 |
| 84 | -52 | 5 | 1 | 96,643 | 80,384 | 1,544 |
| 84 | -46 | 5 | 1 | 94,302 | 78,351 | 1,640 |
| 84 | -40 | 5 | 1 | 91,596 | 78,867 | 1,741 |
| 84 | -34 | 5 | 1 | 88,690 | 80,027 | 1,849 |
| 84 | -28 | 5 | 1 | 85,625 | 79,238 | 1,962 |
| 84 | -22 | 4 | 1 | 83,951 | 77,934 | 2,080 |
| 84 | -16 | 4 | 1 | 82,998 | 78,498 | 2,208 |
| 84 | -10 | 4 | 1 | 82,033 | 76,728 | 2,354 |
| 84 | -4 | 4 | 1 | 80,939 | 76,907 | 2,530 |
| 84 | 2 | 4 | 1 | 79,931 | 76,143 | 2,740 |
| 84 | 8 | 4 | 1 | 78,977 | 74,574 | 2,967 |
| 84 | 14 | 4 | 1 | 77,975 | 73,595 | 3,189 |
| 84 | 20 | 4 | 1 | 77,123 | 72,716 | 3,405 |
| 84 | 26 | 4 | 1 | 76,443 | 72,854 | 3,625 |
| 84 | 32 | 4 | 1 | 76,199 | 74,703 | 3,835 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 84 | 38 | 4 | 1 | 76,347 | 75,608 | 4,004 |
| 84 | 44 | 4 | 1 | 76,722 | 75,923 | 4,108 |
| 84 | 50 | 4 | 1 | 77,266 | 76,195 | 4,142 |
| 84 | 56 | 4 | 1 | 78,135 | 77,378 | 4,120 |
| 84 | 62 | 4 | 1 | 78,968 | 78,260 | 4,046 |
| 84 | 68 | 4 | 1 | 79,755 | 79,029 | 3,914 |
| 84 | 74 | 4 | 1 | 80,456 | 78,390 | 3,730 |
| 84 | 80 | 4 | 1 | 80,942 | 79,426 | 3,516 |
| 84 | 86 | 4 | 1 | 81,520 | 79,423 | 3,290 |
| 84 | 92 | 5 | 1 | 83,606 | 81,007 | 3,062 |
| 84 | 98 | 5 | 1 | 86,070 | 80,669 | 2,841 |
| 84 | 104 | 5 | 1 | 88,422 | 80,050 | 2,636 |
| 84 | 110 | 5 | 1 | 90,682 | 79,170 | 2,449 |
| 84 | 116 | 5 | 1 | 92,748 | 79,117 | 2,283 |
| 84 | 122 | 5 | 1 | 94,462 | 78,597 | 2,133 |
| 84 | 128 | 5 | 1 | 95,641 | 78,926 | 1,998 |
| 84 | 134 | 5 | 1 | 96,653 | 77,961 | 1,873 |
| 84 | 140 | 5 | 1 | 97,549 | 80,589 | 1,759 |
| 84 | 146 | 5 | 1 | 97,595 | 83,565 | 1,653 |
| 84 | 152 | 5 | 1 | 97,532 | 80,471 | 1,555 |
| 84 | 158 | 6 | 1 | 99,322 | 85,087 | 1,464 |
| 84 | 164 | 6 | 1 | 100,499 | 79,840 | 1,380 |
| 84 | 170 | 6 | 1 | 102,591 | 73,681 | 1,303 |
| 87 | -97 | 6 | 1 | 104,269 | 67,025 | 0,972 |
| 87 | -91 | 6 | 1 | 103,197 | 69,848 | 1,031 |
| 87 | -85 | 5 | 1 | 101,900 | 71,519 | 1,095 |
| 87 | -79 | 5 | 1 | 101,325 | 73,964 | 1,163 |
| 87 | -73 | 5 | 1 | 101,261 | 74,839 | 1,235 |
| 87 | -67 | 5 | 1 | 100,508 | 76,520 | 1,312 |
| 87 | -61 | 5 | 1 | 99,076 | 78,696 | 1,393 |
| 87 | -55 | 5 | 1 | 97,136 | 78,650 | 1,478 |
| 87 | -49 | 5 | 1 | 94,828 | 79,981 | 1,568 |
| 87 | -43 | 5 | 1 | 92,471 | 77,306 | 1,664 |
| 87 | -37 | 5 | 1 | 89,888 | 78,589 | 1,766 |
| 87 | -31 | 5 | 1 | 87,140 | 78,005 | 1,874 |
| 87 | -25 | 5 | 1 | 84,650 | 77,045 | 1,986 |
| 87 | -19 | 4 | 1 | 82,654 | 77,898 | 2,106 |
| 87 | -13 | 4 | 1 | 81,833 | 76,917 | 2,240 |
| 87 | -7 | 4 | 1 | 81,093 | 76,779 | 2,397 |
| 87 | -1 | 4 | 1 | 80,328 | 75,470 | 2,586 |
| 87 | 5 | 4 | 1 | 79,492 | 74,793 | 2,800 |
| 87 | 11 | 4 | 1 | 78,584 | 74,738 | 3,021 |
| 87 | 17 | 4 | 1 | 77,886 | 73,420 | 3,235 |
| 87 | 23 | 4 | 1 | 77,222 | 73,408 | 3,449 |
| 87 | 29 | 4 | 1 | 76,941 | 74,623 | 3,663 |
| 87 | 35 | 4 | 1 | 76,768 | 75,773 | 3,852 |
| 87 | 41 | 4 | 1 | 76,949 | 76,045 | 3,989 |
| 87 | 47 | 4 | 1 | 77,342 | 76,522 | 4,058 |
| 87 | 53 | 4 | 1 | 77,863 | 77,020 | 4,066 |
| 87 | 59 | 4 | 1 | 78,362 | 77,232 | 4,024 |
| 87 | 65 | 4 | 1 | 78,965 | 77,768 | 3,928 |
| 87 | 71 | 4 | 1 | 79,568 | 78,528 | 3,775 |
| 87 | 77 | 4 | 1 | 80,127 | 77,715 | 3,580 |
| 87 | 83 | 5 | 1 | 80,376 | 79,107 | 3,364 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 87 | 89 | 5 | 1 | 82,516 | 79,719 | 3,142 |
| 87 | 95 | 5 | 1 | 85,001 | 79,967 | 2,923 |
| 87 | 101 | 5 | 1 | 87,224 | 79,403 | 2,713 |
| 87 | 107 | 5 | 1 | 89,326 | 78,592 | 2,519 |
| 87 | 113 | 5 | 1 | 91,280 | 77,582 | 2,345 |
| 87 | 119 | 5 | 1 | 92,974 | 77,964 | 2,189 |
| 87 | 125 | 5 | 1 | 94,249 | 77,392 | 2,049 |
| 87 | 131 | 5 | 1 | 95,233 | 77,631 | 1,922 |
| 87 | 137 | 5 | 1 | 96,294 | 78,561 | 1,805 |
| 87 | 143 | 5 | 1 | 96,680 | 83,098 | 1,697 |
| 87 | 149 | 5 | 1 | 96,324 | 80,544 | 1,597 |
| 87 | 155 | 6 | 1 | 97,463 | 83,257 | 1,504 |
| 87 | 161 | 6 | 1 | 99,529 | 80,859 | 1,418 |
| 87 | 167 | 6 | 1 | 100,817 | 82,856 | 1,338 |
| 90 | -100 | 6 | 1 | 104,971 | 64,633 | 0,939 |
| 90 | -94 | 6 | 1 | 103,369 | 67,530 | 0,995 |
| 90 | -88 | 6 | 1 | 101,408 | 69,671 | 1,055 |
| 90 | -82 | 5 | 1 | 100,737 | 71,256 | 1,119 |
| 90 | -76 | 5 | 1 | 100,177 | 73,927 | 1,187 |
| 90 | -70 | 5 | 1 | 99,949 | 74,029 | 1,259 |
| 90 | -64 | 5 | 1 | 98,971 | 76,051 | 1,335 |
| 90 | -58 | 5 | 1 | 97,433 | 77,921 | 1,415 |
| 90 | -52 | 5 | 1 | 95,486 | 78,184 | 1,500 |
| 90 | -46 | 5 | 1 | 93,263 | 78,342 | 1,590 |
| 90 | -40 | 5 | 1 | 90,905 | 76,847 | 1,687 |
| 90 | -34 | 5 | 1 | 88,542 | 76,630 | 1,788 |
| 90 | -28 | 5 | 1 | 86,221 | 75,831 | 1,895 |
| 90 | -22 | 5 | 1 | 83,783 | 76,888 | 2,008 |
| 90 | -16 | 4 | 1 | 81,353 | 76,808 | 2,131 |
| 90 | -10 | 4 | 1 | 80,882 | 75,862 | 2,273 |
| 90 | -4 | 4 | 1 | 80,196 | 76,072 | 2,441 |
| 90 | 2 | 4 | 1 | 79,492 | 75,223 | 2,638 |
| 90 | 8 | 4 | 1 | 78,866 | 74,531 | 2,851 |
| 90 | 14 | 4 | 1 | 78,294 | 73,284 | 3,062 |
| 90 | 20 | 4 | 1 | 77,689 | 73,668 | 3,270 |
| 90 | 26 | 4 | 1 | 77,320 | 72,967 | 3,481 |
| 90 | 32 | 4 | 1 | 77,075 | 75,476 | 3,682 |
| 90 | 38 | 4 | 1 | 77,109 | 76,318 | 3,845 |
| 90 | 44 | 4 | 1 | 77,253 | 76,322 | 3,949 |
| 90 | 50 | 4 | 1 | 77,562 | 76,582 | 3,988 |
| 90 | 56 | 4 | 1 | 78,035 | 77,332 | 3,976 |
| 90 | 62 | 4 | 1 | 78,478 | 77,859 | 3,913 |
| 90 | 68 | 4 | 1 | 78,885 | 78,119 | 3,796 |
| 90 | 74 | 4 | 1 | 79,147 | 77,973 | 3,628 |
| 90 | 80 | 5 | 1 | 79,748 | 77,802 | 3,427 |
| 90 | 86 | 5 | 1 | 81,969 | 78,171 | 3,214 |
| 90 | 92 | 5 | 1 | 83,902 | 78,670 | 2,998 |
| 90 | 98 | 5 | 1 | 86,095 | 78,690 | 2,788 |
| 90 | 104 | 5 | 1 | 88,081 | 77,938 | 2,590 |
| 90 | 110 | 5 | 1 | 89,924 | 76,981 | 2,409 |
| 90 | 116 | 5 | 1 | 91,566 | 77,154 | 2,246 |
| 90 | 122 | 5 | 1 | 92,888 | 76,006 | 2,100 |
| 90 | 128 | 5 | 1 | 93,834 | 77,095 | 1,969 |
| 90 | 134 | 5 | 1 | 94,997 | 76,686 | 1,849 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|------|---|---|---------|--------|-------|
| 90 | 140 | 5 | 1 | 95,633 | 80,859 | 1,739 |
| 90 | 146 | 5 | 1 | 95,503 | 81,803 | 1,637 |
| 90 | 152 | 5 | 1 | 95,640 | 80,319 | 1,543 |
| 90 | 158 | 6 | 1 | 98,108 | 85,435 | 1,455 |
| 90 | 164 | 6 | 1 | 99,189 | 79,073 | 1,373 |
| 90 | 170 | 6 | 1 | 101,208 | 81,511 | 1,297 |
| 93 | -97 | 6 | 1 | 102,996 | 65,061 | 0,960 |
| 93 | -91 | 6 | 1 | 102,013 | 67,784 | 1,017 |
| 93 | -85 | 5 | 1 | 99,851 | 70,239 | 1,078 |
| 93 | -79 | 5 | 1 | 99,440 | 71,356 | 1,142 |
| 93 | -73 | 5 | 1 | 99,102 | 73,754 | 1,209 |
| 93 | -67 | 5 | 1 | 98,574 | 73,557 | 1,281 |
| 93 | -61 | 5 | 1 | 97,431 | 75,468 | 1,356 |
| 93 | -55 | 5 | 1 | 95,835 | 77,053 | 1,435 |
| 93 | -49 | 5 | 1 | 93,923 | 77,601 | 1,520 |
| 93 | -43 | 5 | 1 | 91,823 | 76,765 | 1,610 |
| 93 | -37 | 5 | 1 | 89,659 | 75,145 | 1,706 |
| 93 | -31 | 5 | 1 | 87,506 | 74,706 | 1,808 |
| 93 | -25 | 5 | 1 | 85,304 | 75,493 | 1,914 |
| 93 | -19 | 5 | 1 | 82,765 | 76,462 | 2,029 |
| 93 | -13 | 5 | 1 | 80,754 | 75,995 | 2,157 |
| 93 | -7 | 4 | 1 | 79,781 | 76,029 | 2,307 |
| 93 | -1 | 4 | 1 | 79,379 | 76,283 | 2,484 |
| 93 | 5 | 4 | 1 | 78,874 | 74,854 | 2,683 |
| 93 | 11 | 4 | 1 | 78,349 | 73,814 | 2,889 |
| 93 | 17 | 4 | 1 | 77,803 | 73,991 | 3,093 |
| 93 | 23 | 4 | 1 | 77,446 | 73,293 | 3,297 |
| 93 | 29 | 4 | 1 | 77,231 | 74,696 | 3,500 |
| 93 | 35 | 4 | 1 | 76,980 | 75,816 | 3,681 |
| 93 | 41 | 4 | 1 | 77,156 | 76,435 | 3,815 |
| 93 | 47 | 4 | 1 | 77,302 | 76,470 | 3,888 |
| 93 | 53 | 4 | 1 | 77,471 | 76,389 | 3,904 |
| 93 | 59 | 4 | 1 | 77,732 | 76,534 | 3,873 |
| 93 | 65 | 4 | 1 | 78,045 | 76,932 | 3,791 |
| 93 | 71 | 4 | 1 | 78,389 | 77,533 | 3,655 |
| 93 | 77 | 5 | 1 | 79,632 | 77,649 | 3,477 |
| 93 | 83 | 5 | 1 | 81,429 | 77,656 | 3,275 |
| 93 | 89 | 5 | 1 | 83,221 | 77,248 | 3,066 |
| 93 | 95 | 5 | 1 | 84,995 | 77,465 | 2,859 |
| 93 | 101 | 5 | 1 | 86,926 | 77,226 | 2,660 |
| 93 | 107 | 5 | 1 | 88,674 | 76,325 | 2,473 |
| 93 | 113 | 5 | 1 | 90,252 | 76,266 | 2,304 |
| 93 | 119 | 5 | 1 | 91,581 | 75,362 | 2,151 |
| 93 | 125 | 5 | 1 | 92,533 | 76,407 | 2,015 |
| 93 | 131 | 5 | 1 | 93,690 | 75,916 | 1,892 |
| 93 | 137 | 5 | 1 | 94,500 | 78,775 | 1,780 |
| 93 | 143 | 5 | 1 | 94,707 | 82,589 | 1,677 |
| 93 | 149 | 5 | 1 | 94,484 | 79,132 | 1,581 |
| 93 | 155 | 6 | 1 | 96,377 | 82,618 | 1,491 |
| 93 | 161 | 6 | 1 | 98,299 | 82,080 | 1,408 |
| 93 | 167 | 6 | 1 | 99,445 | 81,730 | 1,330 |
| 96 | -100 | 6 | 1 | 103,636 | 62,737 | 0,928 |
| 96 | -94 | 6 | 1 | 102,167 | 65,502 | 0,981 |
| 96 | -88 | 6 | 1 | 100,325 | 67,984 | 1,038 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|----|-----|---|---|---------|--------|-------|
| 96 | -82 | 5 | 1 | 98,728 | 68,986 | 1,098 |
| 96 | -76 | 5 | 1 | 98,047 | 71,312 | 1,162 |
| 96 | -70 | 5 | 1 | 97,926 | 73,459 | 1,229 |
| 96 | -64 | 5 | 1 | 97,170 | 73,032 | 1,300 |
| 96 | -58 | 5 | 1 | 95,916 | 74,794 | 1,374 |
| 96 | -52 | 5 | 1 | 94,308 | 76,118 | 1,454 |
| 96 | -46 | 5 | 1 | 92,469 | 76,916 | 1,538 |
| 96 | -40 | 5 | 1 | 90,516 | 75,764 | 1,629 |
| 96 | -34 | 5 | 1 | 88,537 | 73,847 | 1,724 |
| 96 | -28 | 5 | 1 | 86,535 | 73,760 | 1,824 |
| 96 | -22 | 5 | 1 | 84,340 | 75,141 | 1,931 |
| 96 | -16 | 5 | 1 | 82,403 | 76,275 | 2,049 |
| 96 | -10 | 5 | 1 | 80,205 | 76,040 | 2,184 |
| 96 | -4 | 4 | 1 | 78,928 | 76,038 | 2,341 |
| 96 | 2 | 4 | 1 | 78,436 | 75,105 | 2,523 |
| 96 | 8 | 4 | 1 | 78,010 | 74,538 | 2,720 |
| 96 | 14 | 4 | 1 | 77,643 | 74,348 | 2,918 |
| 96 | 20 | 4 | 1 | 77,376 | 74,001 | 3,115 |
| 96 | 26 | 4 | 1 | 77,149 | 73,586 | 3,314 |
| 96 | 32 | 4 | 1 | 76,930 | 75,281 | 3,504 |
| 96 | 38 | 4 | 1 | 76,825 | 75,754 | 3,662 |
| 96 | 44 | 4 | 1 | 76,959 | 76,182 | 3,766 |
| 96 | 50 | 4 | 1 | 77,101 | 76,481 | 3,812 |
| 96 | 56 | 4 | 1 | 77,268 | 76,558 | 3,809 |
| 96 | 62 | 4 | 1 | 77,453 | 76,804 | 3,759 |
| 96 | 68 | 5 | 1 | 78,101 | 76,748 | 3,659 |
| 96 | 74 | 5 | 1 | 79,456 | 76,355 | 3,509 |
| 96 | 80 | 5 | 1 | 80,818 | 77,064 | 3,326 |
| 96 | 86 | 5 | 1 | 82,710 | 76,375 | 3,126 |
| 96 | 92 | 5 | 1 | 84,187 | 76,172 | 2,924 |
| 96 | 98 | 5 | 1 | 85,835 | 76,133 | 2,726 |
| 96 | 104 | 5 | 1 | 87,522 | 75,618 | 2,537 |
| 96 | 110 | 5 | 1 | 89,034 | 75,613 | 2,362 |
| 96 | 116 | 5 | 1 | 90,345 | 74,666 | 2,204 |
| 96 | 122 | 5 | 1 | 91,361 | 75,611 | 2,062 |
| 96 | 128 | 5 | 1 | 92,397 | 75,718 | 1,935 |
| 96 | 134 | 5 | 1 | 93,317 | 76,834 | 1,820 |
| 96 | 140 | 5 | 1 | 93,774 | 80,683 | 1,715 |
| 96 | 146 | 5 | 1 | 93,553 | 80,616 | 1,617 |
| 96 | 152 | 6 | 1 | 94,451 | 79,629 | 1,527 |
| 96 | 158 | 6 | 1 | 96,960 | 84,626 | 1,442 |
| 96 | 164 | 6 | 1 | 98,056 | 78,400 | 1,363 |
| 96 | 170 | 6 | 1 | 99,851 | 81,680 | 1,290 |
| 99 | -97 | 6 | 1 | 101,896 | 63,961 | 0,947 |
| 99 | -91 | 6 | 1 | 100,873 | 65,753 | 1,001 |
| 99 | -85 | 6 | 1 | 98,411 | 67,968 | 1,058 |
| 99 | -79 | 5 | 1 | 97,461 | 68,912 | 1,117 |
| 99 | -73 | 5 | 1 | 97,065 | 71,140 | 1,180 |
| 99 | -67 | 5 | 1 | 96,687 | 72,295 | 1,246 |
| 99 | -61 | 5 | 1 | 95,765 | 73,049 | 1,316 |
| 99 | -55 | 5 | 1 | 94,451 | 74,048 | 1,391 |
| 99 | -49 | 5 | 1 | 92,871 | 75,139 | 1,470 |
| 99 | -43 | 5 | 1 | 91,134 | 75,807 | 1,555 |
| 99 | -37 | 5 | 1 | 89,335 | 75,238 | 1,645 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| 99 | -31 | 5 | 1 | 87,513 | 72,811 | 1,739 |
| 99 | -25 | 5 | 1 | 85,589 | 73,342 | 1,840 |
| 99 | -19 | 5 | 1 | 83,611 | 74,695 | 1,948 |
| 99 | -13 | 5 | 1 | 81,920 | 75,842 | 2,070 |
| 99 | -7 | 5 | 1 | 80,230 | 74,445 | 2,211 |
| 99 | -1 | 5 | 1 | 78,641 | 75,047 | 2,374 |
| 99 | 5 | 4 | 1 | 77,724 | 75,139 | 2,558 |
| 99 | 11 | 4 | 1 | 77,404 | 74,686 | 2,749 |
| 99 | 17 | 4 | 1 | 77,120 | 74,512 | 2,939 |
| 99 | 23 | 4 | 1 | 76,879 | 74,474 | 3,130 |
| 99 | 29 | 4 | 1 | 76,671 | 74,777 | 3,321 |
| 99 | 35 | 4 | 1 | 76,492 | 75,059 | 3,493 |
| 99 | 41 | 4 | 1 | 76,440 | 75,343 | 3,625 |
| 99 | 47 | 4 | 1 | 76,530 | 75,577 | 3,702 |
| 99 | 53 | 4 | 1 | 76,621 | 75,713 | 3,726 |
| 99 | 59 | 5 | 1 | 77,167 | 75,690 | 3,705 |
| 99 | 65 | 5 | 1 | 78,097 | 75,456 | 3,638 |
| 99 | 71 | 5 | 1 | 79,250 | 75,976 | 3,521 |
| 99 | 77 | 5 | 1 | 80,782 | 75,770 | 3,362 |
| 99 | 83 | 5 | 1 | 82,115 | 75,784 | 3,177 |
| 99 | 89 | 5 | 1 | 83,663 | 74,886 | 2,982 |
| 99 | 95 | 5 | 1 | 84,909 | 74,971 | 2,788 |
| 99 | 101 | 5 | 1 | 86,452 | 74,701 | 2,599 |
| 99 | 107 | 5 | 1 | 87,910 | 74,873 | 2,422 |
| 99 | 113 | 5 | 1 | 89,187 | 73,929 | 2,258 |
| 99 | 119 | 5 | 1 | 90,232 | 74,748 | 2,110 |
| 99 | 125 | 5 | 1 | 91,139 | 75,358 | 1,978 |
| 99 | 131 | 5 | 1 | 92,115 | 75,023 | 1,859 |
| 99 | 137 | 5 | 1 | 92,746 | 78,549 | 1,751 |
| 99 | 143 | 5 | 1 | 92,851 | 81,634 | 1,652 |
| 99 | 149 | 6 | 1 | 93,452 | 78,335 | 1,560 |
| 99 | 155 | 6 | 1 | 95,307 | 81,504 | 1,475 |
| 99 | 161 | 6 | 1 | 97,185 | 81,755 | 1,395 |
| 99 | 167 | 6 | 1 | 98,035 | 79,952 | 1,321 |
| 102 | -100 | 6 | 1 | 102,206 | 62,056 | 0,915 |
| 102 | -94 | 6 | 1 | 101,071 | 63,815 | 0,965 |
| 102 | -88 | 6 | 1 | 99,235 | 65,832 | 1,019 |
| 102 | -82 | 5 | 1 | 96,692 | 67,812 | 1,075 |
| 102 | -76 | 5 | 1 | 96,090 | 68,864 | 1,134 |
| 102 | -70 | 5 | 1 | 96,014 | 70,855 | 1,196 |
| 102 | -64 | 5 | 1 | 95,414 | 72,023 | 1,262 |
| 102 | -58 | 5 | 1 | 94,384 | 72,970 | 1,331 |
| 102 | -52 | 5 | 1 | 93,054 | 73,252 | 1,405 |
| 102 | -46 | 5 | 1 | 91,535 | 74,202 | 1,485 |
| 102 | -40 | 5 | 1 | 89,920 | 74,620 | 1,569 |
| 102 | -34 | 5 | 1 | 88,268 | 74,701 | 1,659 |
| 102 | -28 | 5 | 1 | 86,562 | 72,430 | 1,753 |
| 102 | -22 | 5 | 1 | 84,649 | 73,606 | 1,854 |
| 102 | -16 | 5 | 1 | 83,208 | 74,168 | 1,965 |
| 102 | -10 | 5 | 1 | 81,342 | 74,274 | 2,091 |
| 102 | -4 | 5 | 1 | 80,049 | 74,155 | 2,237 |
| 102 | 2 | 5 | 1 | 78,820 | 73,321 | 2,404 |
| 102 | 8 | 5 | 1 | 77,781 | 73,789 | 2,585 |
| 102 | 14 | 5 | 1 | 76,980 | 73,877 | 2,769 |

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| 102 | 20 | 4 | 1 | 76,438 | 73,717 | 2,953 |
| 102 | 26 | 4 | 1 | 76,244 | 73,414 | 3,138 |
| 102 | 32 | 4 | 1 | 76,080 | 74,404 | 3,317 |
| 102 | 38 | 5 | 1 | 75,965 | 74,900 | 3,468 |
| 102 | 44 | 5 | 1 | 76,235 | 74,750 | 3,574 |
| 102 | 50 | 5 | 1 | 76,736 | 74,729 | 3,626 |
| 102 | 56 | 5 | 1 | 77,471 | 74,860 | 3,632 |
| 102 | 62 | 5 | 1 | 78,417 | 75,131 | 3,595 |
| 102 | 68 | 5 | 1 | 79,503 | 75,271 | 3,511 |
| 102 | 74 | 5 | 1 | 80,592 | 74,487 | 3,380 |
| 102 | 80 | 5 | 1 | 81,578 | 75,093 | 3,216 |
| 102 | 86 | 5 | 1 | 83,120 | 74,259 | 3,032 |
| 102 | 92 | 5 | 1 | 84,342 | 73,822 | 2,844 |
| 102 | 98 | 5 | 1 | 85,454 | 73,666 | 2,658 |
| 102 | 104 | 5 | 1 | 86,874 | 74,024 | 2,479 |
| 102 | 110 | 5 | 1 | 88,113 | 73,161 | 2,312 |
| 102 | 116 | 5 | 1 | 89,160 | 73,850 | 2,159 |
| 102 | 122 | 5 | 1 | 89,942 | 74,884 | 2,021 |
| 102 | 128 | 5 | 1 | 90,915 | 74,871 | 1,898 |
| 102 | 134 | 5 | 1 | 91,657 | 76,541 | 1,787 |
| 102 | 140 | 5 | 1 | 92,003 | 80,102 | 1,686 |
| 102 | 146 | 6 | 1 | 92,296 | 79,997 | 1,593 |
| 102 | 152 | 6 | 1 | 93,559 | 78,442 | 1,506 |
| 102 | 158 | 6 | 1 | 95,869 | 83,214 | 1,426 |
| 102 | 164 | 6 | 1 | 97,069 | 78,621 | 1,350 |
| 102 | 170 | 6 | 1 | 98,483 | 81,965 | 1,280 |
| 105 | -97 | 6 | 1 | 100,942 | 61,983 | 0,932 |
| 105 | -91 | 6 | 1 | 99,774 | 63,739 | 0,982 |
| 105 | -85 | 6 | 1 | 97,357 | 65,756 | 1,035 |
| 105 | -79 | 6 | 1 | 95,463 | 66,640 | 1,090 |
| 105 | -73 | 5 | 1 | 95,181 | 68,692 | 1,149 |
| 105 | -67 | 5 | 1 | 94,891 | 70,568 | 1,210 |
| 105 | -61 | 5 | 1 | 94,133 | 71,902 | 1,275 |
| 105 | -55 | 5 | 1 | 93,045 | 72,795 | 1,344 |
| 105 | -49 | 5 | 1 | 91,738 | 72,423 | 1,419 |
| 105 | -43 | 5 | 1 | 90,306 | 73,363 | 1,498 |
| 105 | -37 | 5 | 1 | 88,818 | 73,451 | 1,583 |
| 105 | -31 | 5 | 1 | 87,296 | 73,397 | 1,671 |
| 105 | -25 | 5 | 1 | 85,664 | 72,945 | 1,765 |
| 105 | -19 | 5 | 1 | 84,061 | 72,222 | 1,868 |
| 105 | -13 | 5 | 1 | 82,738 | 73,564 | 1,982 |
| 105 | -7 | 5 | 1 | 81,332 | 72,656 | 2,112 |
| 105 | -1 | 5 | 1 | 79,910 | 73,729 | 2,262 |
| 105 | 5 | 5 | 1 | 78,841 | 72,860 | 2,430 |
| 105 | 11 | 5 | 1 | 78,072 | 72,280 | 2,606 |
| 105 | 17 | 5 | 1 | 77,490 | 72,531 | 2,783 |
| 105 | 23 | 5 | 1 | 77,109 | 72,557 | 2,961 |
| 105 | 29 | 5 | 1 | 76,926 | 73,813 | 3,139 |
| 105 | 35 | 5 | 1 | 76,940 | 74,450 | 3,302 |
| 105 | 41 | 5 | 1 | 77,146 | 74,369 | 3,430 |
| 105 | 47 | 5 | 1 | 77,542 | 74,369 | 3,511 |
| 105 | 53 | 5 | 1 | 78,111 | 74,469 | 3,543 |
| 105 | 59 | 5 | 1 | 78,816 | 74,606 | 3,532 |
| 105 | 65 | 5 | 1 | 79,585 | 74,093 | 3,479 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|---------|--------|-------|
| 105 | 71 | 5 | 1 | 80,290 | 73,967 | 3,379 |
| 105 | 77 | 5 | 1 | 81,486 | 73,928 | 3,240 |
| 105 | 83 | 5 | 1 | 82,558 | 73,592 | 3,073 |
| 105 | 89 | 5 | 1 | 83,803 | 72,694 | 2,893 |
| 105 | 95 | 5 | 1 | 84,791 | 73,227 | 2,712 |
| 105 | 101 | 5 | 1 | 85,920 | 72,953 | 2,535 |
| 105 | 107 | 5 | 1 | 87,121 | 72,370 | 2,366 |
| 105 | 113 | 5 | 1 | 88,152 | 72,947 | 2,209 |
| 105 | 119 | 5 | 1 | 88,973 | 74,339 | 2,066 |
| 105 | 125 | 5 | 1 | 89,736 | 74,821 | 1,937 |
| 105 | 131 | 5 | 1 | 90,535 | 74,647 | 1,822 |
| 105 | 137 | 5 | 1 | 91,049 | 77,902 | 1,718 |
| 105 | 143 | 5 | 1 | 91,114 | 81,201 | 1,624 |
| 105 | 149 | 6 | 1 | 92,720 | 78,124 | 1,536 |
| 105 | 155 | 6 | 1 | 94,232 | 79,931 | 1,455 |
| 105 | 161 | 6 | 1 | 96,152 | 81,939 | 1,379 |
| 105 | 167 | 6 | 1 | 96,632 | 77,679 | 1,308 |
| 108 | -100 | 6 | 1 | 100,641 | 60,178 | 0,900 |
| 108 | -94 | 6 | 1 | 100,043 | 61,734 | 0,947 |
| 108 | -88 | 6 | 1 | 98,122 | 63,746 | 0,997 |
| 108 | -82 | 6 | 1 | 95,870 | 65,538 | 1,049 |
| 108 | -76 | 5 | 1 | 94,214 | 66,580 | 1,104 |
| 108 | -70 | 5 | 1 | 94,223 | 68,580 | 1,161 |
| 108 | -64 | 5 | 1 | 93,724 | 70,001 | 1,222 |
| 108 | -58 | 5 | 1 | 92,864 | 71,156 | 1,287 |
| 108 | -52 | 5 | 1 | 91,761 | 72,291 | 1,357 |
| 108 | -46 | 5 | 1 | 90,508 | 71,575 | 1,431 |
| 108 | -40 | 5 | 1 | 89,180 | 72,471 | 1,511 |
| 108 | -34 | 5 | 1 | 87,820 | 73,095 | 1,594 |
| 108 | -28 | 5 | 1 | 86,406 | 72,142 | 1,682 |
| 108 | -22 | 5 | 1 | 84,812 | 71,583 | 1,777 |
| 108 | -16 | 5 | 1 | 83,641 | 71,539 | 1,882 |
| 108 | -10 | 5 | 1 | 82,224 | 72,676 | 1,999 |
| 108 | -4 | 5 | 1 | 81,217 | 71,622 | 2,133 |
| 108 | 2 | 5 | 1 | 80,136 | 72,399 | 2,286 |
| 108 | 8 | 5 | 1 | 79,170 | 72,385 | 2,451 |
| 108 | 14 | 5 | 1 | 78,397 | 71,738 | 2,621 |
| 108 | 20 | 5 | 1 | 77,941 | 71,310 | 2,791 |
| 108 | 26 | 5 | 1 | 77,754 | 71,525 | 2,963 |
| 108 | 32 | 5 | 1 | 77,736 | 73,048 | 3,131 |
| 108 | 38 | 5 | 1 | 77,881 | 73,787 | 3,275 |
| 108 | 44 | 5 | 1 | 78,174 | 73,828 | 3,381 |
| 108 | 50 | 5 | 1 | 78,587 | 73,920 | 3,439 |
| 108 | 56 | 5 | 1 | 79,075 | 73,553 | 3,454 |
| 108 | 62 | 5 | 1 | 79,561 | 72,930 | 3,428 |
| 108 | 68 | 5 | 1 | 80,252 | 73,358 | 3,358 |
| 108 | 74 | 5 | 1 | 81,322 | 72,782 | 3,247 |
| 108 | 80 | 5 | 1 | 81,990 | 73,155 | 3,101 |
| 108 | 86 | 5 | 1 | 83,284 | 71,854 | 2,935 |
| 108 | 92 | 5 | 1 | 84,219 | 72,490 | 2,760 |
| 108 | 98 | 5 | 1 | 85,044 | 71,949 | 2,586 |
| 108 | 104 | 5 | 1 | 86,211 | 71,565 | 2,418 |
| 108 | 110 | 5 | 1 | 87,213 | 72,067 | 2,259 |
| 108 | 116 | 5 | 1 | 88,045 | 73,760 | 2,112 |

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|---------|--------|-------|
| 108 | 122 | 5 | 1 | 88,648 | 74,656 | 1,978 |
| 108 | 128 | 5 | 1 | 89,399 | 74,581 | 1,858 |
| 108 | 134 | 5 | 1 | 90,019 | 75,807 | 1,751 |
| 108 | 140 | 5 | 1 | 90,311 | 79,115 | 1,654 |
| 108 | 146 | 6 | 1 | 91,647 | 79,917 | 1,565 |
| 108 | 152 | 6 | 1 | 92,903 | 76,764 | 1,483 |
| 108 | 158 | 6 | 1 | 94,791 | 81,288 | 1,406 |
| 108 | 164 | 6 | 1 | 96,169 | 79,336 | 1,334 |
| 108 | 170 | 6 | 1 | 97,039 | 79,312 | 1,267 |
| 111 | -97 | 6 | 1 | 100,061 | 59,989 | 0,914 |
| 111 | -91 | 6 | 1 | 98,667 | 61,788 | 0,961 |
| 111 | -85 | 6 | 1 | 96,217 | 63,596 | 1,010 |
| 111 | -79 | 6 | 1 | 94,837 | 64,524 | 1,061 |
| 111 | -73 | 5 | 1 | 93,432 | 66,630 | 1,115 |
| 111 | -67 | 5 | 1 | 93,179 | 68,033 | 1,172 |
| 111 | -61 | 5 | 1 | 92,534 | 69,197 | 1,233 |
| 111 | -55 | 5 | 1 | 91,622 | 70,354 | 1,298 |
| 111 | -49 | 5 | 1 | 90,540 | 71,416 | 1,368 |
| 111 | -43 | 5 | 1 | 89,365 | 70,723 | 1,443 |
| 111 | -37 | 5 | 1 | 88,153 | 71,534 | 1,521 |
| 111 | -31 | 5 | 1 | 86,914 | 71,982 | 1,604 |
| 111 | -25 | 5 | 1 | 85,588 | 71,086 | 1,693 |
| 111 | -19 | 5 | 1 | 84,119 | 71,631 | 1,789 |
| 111 | -13 | 5 | 1 | 83,211 | 70,779 | 1,895 |
| 111 | -7 | 5 | 1 | 81,838 | 71,319 | 2,015 |
| 111 | -1 | 5 | 1 | 81,042 | 70,967 | 2,152 |
| 111 | 5 | 5 | 1 | 80,259 | 71,048 | 2,306 |
| 111 | 11 | 5 | 1 | 79,517 | 71,736 | 2,467 |
| 111 | 17 | 5 | 1 | 78,889 | 71,072 | 2,630 |
| 111 | 23 | 5 | 1 | 78,395 | 70,490 | 2,795 |
| 111 | 29 | 5 | 1 | 78,372 | 72,422 | 2,960 |
| 111 | 35 | 5 | 1 | 78,480 | 73,026 | 3,114 |
| 111 | 41 | 5 | 1 | 78,689 | 73,132 | 3,238 |
| 111 | 47 | 5 | 1 | 78,966 | 73,006 | 3,321 |
| 111 | 53 | 5 | 1 | 79,259 | 72,532 | 3,361 |
| 111 | 59 | 5 | 1 | 79,496 | 72,298 | 3,360 |
| 111 | 65 | 5 | 1 | 80,366 | 72,669 | 3,318 |
| 111 | 71 | 5 | 1 | 81,114 | 71,669 | 3,235 |
| 111 | 77 | 5 | 1 | 81,739 | 72,127 | 3,114 |
| 111 | 83 | 5 | 1 | 82,787 | 72,178 | 2,966 |
| 111 | 89 | 5 | 1 | 83,692 | 71,660 | 2,802 |
| 111 | 95 | 5 | 1 | 84,410 | 71,055 | 2,633 |
| 111 | 101 | 5 | 1 | 85,378 | 71,040 | 2,467 |
| 111 | 107 | 5 | 1 | 86,344 | 71,239 | 2,308 |
| 111 | 113 | 5 | 1 | 87,165 | 73,182 | 2,159 |
| 111 | 119 | 5 | 1 | 87,809 | 74,419 | 2,021 |
| 111 | 125 | 5 | 1 | 88,265 | 74,818 | 1,896 |
| 111 | 131 | 5 | 1 | 88,939 | 74,185 | 1,784 |
| 111 | 137 | 5 | 1 | 89,388 | 76,818 | 1,684 |
| 111 | 143 | 6 | 1 | 90,413 | 80,190 | 1,592 |
| 111 | 149 | 6 | 1 | 92,094 | 78,451 | 1,509 |
| 111 | 155 | 6 | 1 | 93,102 | 77,886 | 1,432 |
| 111 | 161 | 6 | 1 | 95,133 | 82,519 | 1,359 |
| 111 | 167 | 6 | 1 | 95,936 | 76,564 | 1,291 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 114 | -100 | 6 | 1 | 99,847 | 58,282 | 0,883 |
| 114 | -94 | 6 | 1 | 99,005 | 59,886 | 0,927 |
| 114 | -88 | 6 | 1 | 96,929 | 61,707 | 0,973 |
| 114 | -82 | 6 | 1 | 95,300 | 63,300 | 1,021 |
| 114 | -76 | 6 | 1 | 93,599 | 64,726 | 1,072 |
| 114 | -70 | 5 | 1 | 92,518 | 66,105 | 1,126 |
| 114 | -64 | 5 | 1 | 92,074 | 67,569 | 1,182 |
| 114 | -58 | 5 | 1 | 91,339 | 68,415 | 1,243 |
| 114 | -52 | 5 | 1 | 90,415 | 69,502 | 1,309 |
| 114 | -46 | 5 | 1 | 89,385 | 70,502 | 1,379 |
| 114 | -40 | 5 | 1 | 88,307 | 69,875 | 1,453 |
| 114 | -34 | 5 | 1 | 87,215 | 70,558 | 1,531 |
| 114 | -28 | 5 | 1 | 86,090 | 70,984 | 1,614 |
| 114 | -22 | 5 | 1 | 84,837 | 71,739 | 1,703 |
| 114 | -16 | 5 | 1 | 83,686 | 71,313 | 1,800 |
| 114 | -10 | 5 | 1 | 82,788 | 70,482 | 1,908 |
| 114 | -4 | 5 | 1 | 81,735 | 70,052 | 2,031 |
| 114 | 2 | 5 | 1 | 80,854 | 70,188 | 2,170 |
| 114 | 8 | 5 | 1 | 80,327 | 69,812 | 2,321 |
| 114 | 14 | 5 | 1 | 79,772 | 70,767 | 2,477 |
| 114 | 20 | 5 | 1 | 79,253 | 70,203 | 2,634 |
| 114 | 26 | 5 | 1 | 78,837 | 69,501 | 2,794 |
| 114 | 32 | 5 | 1 | 78,955 | 71,358 | 2,950 |
| 114 | 38 | 5 | 1 | 79,117 | 72,294 | 3,088 |
| 114 | 44 | 5 | 1 | 79,290 | 72,122 | 3,192 |
| 114 | 50 | 5 | 1 | 79,421 | 71,566 | 3,255 |
| 114 | 56 | 5 | 1 | 79,674 | 71,576 | 3,277 |
| 114 | 62 | 5 | 1 | 80,412 | 71,670 | 3,262 |
| 114 | 68 | 5 | 1 | 80,895 | 71,626 | 3,206 |
| 114 | 74 | 5 | 1 | 81,578 | 71,332 | 3,111 |
| 114 | 80 | 5 | 1 | 82,320 | 71,488 | 2,984 |
| 114 | 86 | 5 | 1 | 83,203 | 71,296 | 2,835 |
| 114 | 92 | 5 | 1 | 83,835 | 70,570 | 2,675 |
| 114 | 98 | 5 | 1 | 84,622 | 70,448 | 2,513 |
| 114 | 104 | 5 | 1 | 85,545 | 70,489 | 2,355 |
| 114 | 110 | 5 | 1 | 86,337 | 72,636 | 2,205 |
| 114 | 116 | 5 | 1 | 86,991 | 74,151 | 2,064 |
| 114 | 122 | 5 | 1 | 87,459 | 74,938 | 1,935 |
| 114 | 128 | 5 | 1 | 87,825 | 74,840 | 1,818 |
| 114 | 134 | 5 | 1 | 88,371 | 74,603 | 1,714 |
| 114 | 140 | 6 | 1 | 89,074 | 77,692 | 1,620 |
| 114 | 146 | 6 | 1 | 91,034 | 80,325 | 1,534 |
| 114 | 152 | 6 | 1 | 92,354 | 76,830 | 1,456 |
| 114 | 158 | 6 | 1 | 93,653 | 78,900 | 1,383 |
| 114 | 164 | 6 | 1 | 95,270 | 80,469 | 1,315 |
| 114 | 170 | 6 | 1 | 95,470 | 76,159 | 1,251 |
| 117 | -97 | 6 | 1 | 99,152 | 58,040 | 0,894 |
| 117 | -91 | 6 | 1 | 97,469 | 59,874 | 0,938 |
| 117 | -85 | 6 | 1 | 95,587 | 61,464 | 0,983 |
| 117 | -79 | 6 | 1 | 94,251 | 62,872 | 1,031 |
| 117 | -73 | 6 | 1 | 92,218 | 64,221 | 1,081 |
| 117 | -67 | 5 | 1 | 91,500 | 65,713 | 1,135 |
| 117 | -61 | 5 | 1 | 90,925 | 67,028 | 1,192 |
| 117 | -55 | 5 | 1 | 90,147 | 67,575 | 1,253 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 117 | -49 | 5 | 1 | 89,248 | 68,604 | 1,319 |
| 117 | -43 | 5 | 1 | 88,293 | 69,555 | 1,389 |
| 117 | -37 | 5 | 1 | 87,325 | 69,040 | 1,462 |
| 117 | -31 | 5 | 1 | 86,356 | 69,546 | 1,540 |
| 117 | -25 | 5 | 1 | 85,340 | 70,493 | 1,622 |
| 117 | -19 | 5 | 1 | 84,154 | 71,156 | 1,712 |
| 117 | -13 | 5 | 1 | 83,268 | 70,787 | 1,810 |
| 117 | -7 | 5 | 1 | 82,387 | 70,539 | 1,920 |
| 117 | -1 | 5 | 1 | 81,596 | 70,217 | 2,046 |
| 117 | 5 | 5 | 1 | 80,689 | 69,291 | 2,185 |
| 117 | 11 | 5 | 1 | 80,374 | 68,702 | 2,333 |
| 117 | 17 | 5 | 1 | 79,960 | 69,743 | 2,483 |
| 117 | 23 | 5 | 1 | 79,499 | 69,133 | 2,635 |
| 117 | 29 | 5 | 1 | 79,289 | 70,735 | 2,789 |
| 117 | 35 | 5 | 1 | 79,461 | 71,312 | 2,933 |
| 117 | 41 | 5 | 1 | 79,578 | 71,286 | 3,053 |
| 117 | 47 | 5 | 1 | 79,591 | 70,665 | 3,137 |
| 117 | 53 | 5 | 1 | 79,839 | 71,074 | 3,183 |
| 117 | 59 | 5 | 1 | 80,421 | 70,707 | 3,190 |
| 117 | 65 | 5 | 1 | 80,691 | 71,084 | 3,160 |
| 117 | 71 | 5 | 1 | 81,399 | 70,496 | 3,092 |
| 117 | 77 | 5 | 1 | 81,892 | 70,611 | 2,988 |
| 117 | 83 | 5 | 1 | 82,750 | 71,415 | 2,857 |
| 117 | 89 | 5 | 1 | 83,304 | 71,230 | 2,710 |
| 117 | 95 | 5 | 1 | 83,938 | 71,023 | 2,554 |
| 117 | 101 | 5 | 1 | 84,813 | 69,842 | 2,399 |
| 117 | 107 | 5 | 1 | 85,562 | 72,153 | 2,249 |
| 117 | 113 | 5 | 1 | 86,202 | 73,640 | 2,107 |
| 117 | 119 | 5 | 1 | 86,706 | 74,988 | 1,975 |
| 117 | 125 | 5 | 1 | 87,009 | 75,329 | 1,854 |
| 117 | 131 | 5 | 1 | 87,282 | 74,738 | 1,745 |
| 117 | 137 | 6 | 1 | 87,796 | 75,259 | 1,648 |
| 117 | 143 | 6 | 1 | 89,791 | 78,438 | 1,560 |
| 117 | 149 | 6 | 1 | 91,499 | 79,249 | 1,479 |
| 117 | 155 | 6 | 1 | 92,443 | 75,336 | 1,406 |
| 117 | 161 | 6 | 1 | 94,037 | 79,812 | 1,337 |
| 117 | 167 | 6 | 1 | 95,214 | 78,230 | 1,272 |
| 120 | -100 | 6 | 1 | 99,120 | 56,342 | 0,864 |
| 120 | -94 | 6 | 1 | 97,850 | 58,099 | 0,905 |
| 120 | -88 | 6 | 1 | 95,715 | 59,683 | 0,948 |
| 120 | -82 | 6 | 1 | 94,752 | 61,071 | 0,992 |
| 120 | -76 | 6 | 1 | 92,976 | 62,388 | 1,040 |
| 120 | -70 | 5 | 1 | 90,827 | 63,894 | 1,090 |
| 120 | -64 | 5 | 1 | 90,398 | 65,229 | 1,143 |
| 120 | -58 | 5 | 1 | 89,746 | 65,649 | 1,201 |
| 120 | -52 | 5 | 1 | 88,964 | 66,680 | 1,262 |
| 120 | -46 | 5 | 1 | 88,118 | 67,662 | 1,328 |
| 120 | -40 | 5 | 1 | 87,258 | 68,576 | 1,397 |
| 120 | -34 | 5 | 1 | 86,411 | 69,152 | 1,470 |
| 120 | -28 | 5 | 1 | 85,566 | 68,497 | 1,548 |
| 120 | -22 | 5 | 1 | 84,656 | 69,443 | 1,630 |
| 120 | -16 | 5 | 1 | 83,541 | 70,246 | 1,720 |
| 120 | -10 | 5 | 1 | 82,866 | 70,435 | 1,820 |
| 120 | -4 | 5 | 1 | 82,026 | 70,263 | 1,932 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 120 | 2 | 5 | 1 | 81,438 | 69,344 | 2,059 |
| 120 | 8 | 5 | 1 | 80,570 | 69,264 | 2,197 |
| 120 | 14 | 5 | 1 | 80,416 | 69,619 | 2,340 |
| 120 | 20 | 5 | 1 | 80,086 | 68,832 | 2,485 |
| 120 | 26 | 5 | 1 | 79,616 | 69,400 | 2,633 |
| 120 | 32 | 5 | 1 | 79,698 | 69,442 | 2,779 |
| 120 | 38 | 5 | 1 | 79,825 | 70,489 | 2,909 |
| 120 | 44 | 5 | 1 | 79,777 | 70,478 | 3,011 |
| 120 | 50 | 5 | 1 | 79,930 | 70,514 | 3,077 |
| 120 | 56 | 5 | 1 | 80,413 | 70,184 | 3,106 |
| 120 | 62 | 5 | 1 | 80,525 | 70,321 | 3,100 |
| 120 | 68 | 5 | 1 | 81,213 | 69,804 | 3,056 |
| 120 | 74 | 5 | 1 | 81,515 | 69,724 | 2,977 |
| 120 | 80 | 5 | 1 | 82,333 | 71,366 | 2,867 |
| 120 | 86 | 5 | 1 | 82,809 | 71,388 | 2,735 |
| 120 | 92 | 5 | 1 | 83,326 | 70,893 | 2,590 |
| 120 | 98 | 5 | 1 | 84,144 | 70,878 | 2,440 |
| 120 | 104 | 5 | 1 | 84,837 | 71,433 | 2,292 |
| 120 | 110 | 5 | 1 | 85,442 | 72,536 | 2,150 |
| 120 | 116 | 5 | 1 | 85,951 | 74,116 | 2,016 |
| 120 | 122 | 5 | 1 | 86,319 | 75,703 | 1,891 |
| 120 | 128 | 5 | 1 | 86,471 | 75,606 | 1,778 |
| 120 | 134 | 6 | 1 | 87,197 | 74,525 | 1,676 |
| 120 | 140 | 6 | 1 | 88,411 | 75,784 | 1,585 |
| 120 | 146 | 6 | 1 | 90,374 | 79,067 | 1,503 |
| 120 | 152 | 6 | 1 | 91,820 | 78,051 | 1,427 |
| 120 | 158 | 6 | 1 | 92,374 | 76,003 | 1,358 |
| 120 | 164 | 6 | 1 | 94,263 | 80,627 | 1,293 |
| 120 | 170 | 6 | 1 | 94,979 | 75,878 | 1,232 |
| 123 | -97 | 6 | 1 | 98,083 | 56,382 | 0,873 |
| 123 | -91 | 6 | 1 | 96,066 | 57,960 | 0,914 |
| 123 | -85 | 6 | 1 | 95,116 | 59,325 | 0,956 |
| 123 | -79 | 6 | 1 | 93,601 | 60,606 | 1,000 |
| 123 | -73 | 6 | 1 | 91,533 | 62,117 | 1,047 |
| 123 | -67 | 5 | 1 | 89,769 | 63,459 | 1,097 |
| 123 | -61 | 5 | 1 | 89,227 | 64,661 | 1,151 |
| 123 | -55 | 5 | 1 | 88,544 | 64,751 | 1,209 |
| 123 | -49 | 5 | 1 | 87,792 | 65,746 | 1,271 |
| 123 | -43 | 5 | 1 | 87,023 | 66,678 | 1,336 |
| 123 | -37 | 5 | 1 | 86,272 | 67,564 | 1,405 |
| 123 | -31 | 5 | 1 | 85,552 | 68,361 | 1,478 |
| 123 | -25 | 5 | 1 | 84,834 | 69,040 | 1,555 |
| 123 | -19 | 5 | 1 | 84,033 | 69,240 | 1,638 |
| 123 | -13 | 5 | 1 | 83,000 | 69,296 | 1,728 |
| 123 | -7 | 5 | 1 | 82,481 | 69,809 | 1,829 |
| 123 | -1 | 5 | 1 | 81,713 | 69,190 | 1,943 |
| 123 | 5 | 5 | 1 | 81,268 | 69,294 | 2,071 |
| 123 | 11 | 5 | 1 | 80,505 | 69,324 | 2,205 |
| 123 | 17 | 5 | 1 | 80,450 | 69,274 | 2,344 |
| 123 | 23 | 5 | 1 | 80,130 | 68,569 | 2,485 |
| 123 | 29 | 5 | 1 | 79,787 | 68,850 | 2,627 |
| 123 | 35 | 5 | 1 | 80,004 | 69,714 | 2,763 |
| 123 | 41 | 5 | 1 | 79,966 | 69,752 | 2,877 |
| 123 | 47 | 5 | 1 | 79,946 | 69,876 | 2,961 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 123 | 53 | 5 | 1 | 80,392 | 69,223 | 3,011 |
| 123 | 59 | 5 | 1 | 80,406 | 69,399 | 3,026 |
| 123 | 65 | 5 | 1 | 81,025 | 70,129 | 3,006 |
| 123 | 71 | 5 | 1 | 81,195 | 68,823 | 2,951 |
| 123 | 77 | 5 | 1 | 81,951 | 71,496 | 2,863 |
| 123 | 83 | 5 | 1 | 82,341 | 71,472 | 2,749 |
| 123 | 89 | 5 | 1 | 82,780 | 72,187 | 2,617 |
| 123 | 95 | 5 | 1 | 83,532 | 70,398 | 2,475 |
| 123 | 101 | 5 | 1 | 84,158 | 70,644 | 2,331 |
| 123 | 107 | 5 | 1 | 84,710 | 71,447 | 2,190 |
| 123 | 113 | 5 | 1 | 85,197 | 72,745 | 2,056 |
| 123 | 119 | 5 | 1 | 85,594 | 74,467 | 1,929 |
| 123 | 125 | 5 | 1 | 85,843 | 76,307 | 1,813 |
| 123 | 131 | 6 | 1 | 86,509 | 75,778 | 1,707 |
| 123 | 137 | 6 | 1 | 87,783 | 74,213 | 1,611 |
| 123 | 143 | 6 | 1 | 89,036 | 76,187 | 1,526 |
| 123 | 149 | 6 | 1 | 90,833 | 79,586 | 1,449 |
| 123 | 155 | 6 | 1 | 92,007 | 76,748 | 1,378 |
| 123 | 161 | 6 | 1 | 92,749 | 76,585 | 1,312 |
| 123 | 167 | 6 | 1 | 94,343 | 80,185 | 1,251 |
| 126 | -100 | 6 | 1 | 98,180 | 54,723 | 0,843 |
| 126 | -94 | 6 | 1 | 96,443 | 56,294 | 0,882 |
| 126 | -88 | 6 | 1 | 95,352 | 57,635 | 0,921 |
| 126 | -82 | 6 | 1 | 94,102 | 58,879 | 0,963 |
| 126 | -76 | 6 | 1 | 92,200 | 60,385 | 1,007 |
| 126 | -70 | 6 | 1 | 90,230 | 61,723 | 1,054 |
| 126 | -64 | 6 | 1 | 88,846 | 62,925 | 1,105 |
| 126 | -58 | 5 | 1 | 87,997 | 63,232 | 1,159 |
| 126 | -52 | 5 | 1 | 87,506 | 64,293 | 1,217 |
| 126 | -46 | 5 | 1 | 86,936 | 65,176 | 1,279 |
| 126 | -40 | 5 | 1 | 86,219 | 66,658 | 1,344 |
| 126 | -34 | 5 | 1 | 85,380 | 66,844 | 1,412 |
| 126 | -28 | 5 | 1 | 84,735 | 67,307 | 1,484 |
| 126 | -22 | 5 | 1 | 84,147 | 67,985 | 1,561 |
| 126 | -16 | 5 | 1 | 83,462 | 68,521 | 1,644 |
| 126 | -10 | 5 | 1 | 82,528 | 68,640 | 1,735 |
| 126 | -4 | 5 | 1 | 82,107 | 68,725 | 1,838 |
| 126 | 2 | 5 | 1 | 81,448 | 68,362 | 1,954 |
| 126 | 8 | 5 | 1 | 81,080 | 68,815 | 2,079 |
| 126 | 14 | 5 | 1 | 80,484 | 68,133 | 2,210 |
| 126 | 20 | 5 | 1 | 80,452 | 68,404 | 2,344 |
| 126 | 26 | 5 | 1 | 80,056 | 68,268 | 2,482 |
| 126 | 32 | 5 | 1 | 80,067 | 68,933 | 2,617 |
| 126 | 38 | 5 | 1 | 80,124 | 69,138 | 2,740 |
| 126 | 44 | 5 | 1 | 79,871 | 68,877 | 2,839 |
| 126 | 50 | 5 | 1 | 80,352 | 69,483 | 2,907 |
| 126 | 56 | 5 | 1 | 80,333 | 68,440 | 2,942 |
| 126 | 62 | 5 | 1 | 80,832 | 70,407 | 2,944 |
| 126 | 68 | 5 | 1 | 80,933 | 68,513 | 2,911 |
| 126 | 74 | 5 | 1 | 81,598 | 71,819 | 2,845 |
| 126 | 80 | 5 | 1 | 81,889 | 71,449 | 2,751 |
| 126 | 86 | 5 | 1 | 82,296 | 72,176 | 2,635 |
| 126 | 92 | 5 | 1 | 82,970 | 74,715 | 2,504 |
| 126 | 98 | 5 | 1 | 83,517 | 71,348 | 2,367 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 126 | 104 | 5 | 1 | 84,000 | 70,624 | 2,229 |
| 126 | 110 | 5 | 1 | 84,444 | 71,374 | 2,095 |
| 126 | 116 | 5 | 1 | 84,839 | 72,841 | 1,967 |
| 126 | 122 | 5 | 1 | 85,142 | 74,690 | 1,848 |
| 126 | 128 | 6 | 1 | 85,753 | 76,810 | 1,739 |
| 126 | 134 | 6 | 1 | 87,160 | 75,856 | 1,639 |
| 126 | 140 | 6 | 1 | 88,262 | 73,814 | 1,550 |
| 126 | 146 | 6 | 1 | 89,551 | 76,478 | 1,470 |
| 126 | 152 | 6 | 1 | 91,178 | 79,619 | 1,397 |
| 126 | 158 | 6 | 1 | 92,072 | 75,358 | 1,331 |
| 126 | 164 | 6 | 1 | 93,020 | 77,087 | 1,269 |
| 126 | 170 | 6 | 1 | 94,285 | 78,343 | 1,211 |
| 129 | -97 | 6 | 1 | 96,705 | 54,685 | 0,851 |
| 129 | -91 | 6 | 1 | 95,474 | 56,002 | 0,889 |
| 129 | -85 | 6 | 1 | 94,489 | 57,207 | 0,928 |
| 129 | -79 | 6 | 1 | 92,751 | 58,703 | 0,969 |
| 129 | -73 | 6 | 1 | 90,817 | 60,025 | 1,014 |
| 129 | -67 | 6 | 1 | 89,610 | 61,213 | 1,061 |
| 129 | -61 | 6 | 1 | 88,050 | 62,295 | 1,112 |
| 129 | -55 | 5 | 1 | 87,204 | 63,288 | 1,167 |
| 129 | -49 | 5 | 1 | 86,763 | 64,200 | 1,225 |
| 129 | -43 | 5 | 1 | 86,178 | 65,028 | 1,286 |
| 129 | -37 | 5 | 1 | 85,492 | 65,761 | 1,351 |
| 129 | -31 | 5 | 1 | 84,714 | 65,800 | 1,418 |
| 129 | -25 | 5 | 1 | 83,944 | 66,873 | 1,490 |
| 129 | -19 | 5 | 1 | 83,492 | 67,208 | 1,567 |
| 129 | -13 | 5 | 1 | 82,933 | 67,462 | 1,649 |
| 129 | -7 | 5 | 1 | 82,120 | 67,838 | 1,742 |
| 129 | -1 | 5 | 1 | 81,735 | 67,606 | 1,846 |
| 129 | 5 | 5 | 1 | 81,223 | 67,901 | 1,962 |
| 129 | 11 | 5 | 1 | 80,856 | 67,640 | 2,085 |
| 129 | 17 | 5 | 1 | 80,478 | 67,644 | 2,213 |
| 129 | 23 | 5 | 1 | 80,382 | 67,653 | 2,343 |
| 129 | 29 | 5 | 1 | 79,953 | 66,983 | 2,476 |
| 129 | 35 | 5 | 1 | 80,203 | 68,950 | 2,602 |
| 129 | 41 | 5 | 1 | 79,969 | 67,924 | 2,712 |
| 129 | 47 | 5 | 1 | 80,267 | 69,461 | 2,795 |
| 129 | 53 | 5 | 1 | 80,291 | 68,593 | 2,847 |
| 129 | 59 | 5 | 1 | 80,624 | 70,462 | 2,869 |
| 129 | 65 | 5 | 1 | 80,721 | 69,194 | 2,858 |
| 129 | 71 | 5 | 1 | 81,266 | 72,338 | 2,815 |
| 129 | 77 | 5 | 1 | 81,441 | 71,286 | 2,740 |
| 129 | 83 | 5 | 1 | 81,864 | 72,370 | 2,641 |
| 129 | 89 | 5 | 1 | 82,447 | 74,829 | 2,524 |
| 129 | 95 | 5 | 1 | 82,903 | 75,751 | 2,396 |
| 129 | 101 | 5 | 1 | 83,304 | 73,529 | 2,264 |
| 129 | 107 | 5 | 1 | 83,686 | 70,308 | 2,132 |
| 129 | 113 | 5 | 1 | 84,052 | 71,204 | 2,004 |
| 129 | 119 | 5 | 1 | 84,375 | 72,816 | 1,884 |
| 129 | 125 | 6 | 1 | 84,935 | 74,782 | 1,772 |
| 129 | 131 | 6 | 1 | 86,406 | 77,074 | 1,669 |
| 129 | 137 | 6 | 1 | 87,712 | 75,850 | 1,576 |
| 129 | 143 | 6 | 1 | 88,643 | 73,369 | 1,493 |
| 129 | 149 | 6 | 1 | 89,965 | 76,666 | 1,417 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 129 | 155 | 6 | 1 | 91,419 | 78,721 | 1,349 |
| 129 | 161 | 6 | 1 | 92,025 | 73,896 | 1,286 |
| 129 | 167 | 6 | 1 | 93,178 | 77,515 | 1,228 |
| 132 | -100 | 6 | 1 | 96,860 | 53,132 | 0,822 |
| 132 | -94 | 6 | 1 | 95,490 | 54,424 | 0,858 |
| 132 | -88 | 6 | 1 | 94,773 | 55,591 | 0,895 |
| 132 | -82 | 6 | 1 | 93,196 | 57,070 | 0,934 |
| 132 | -76 | 6 | 1 | 91,307 | 58,369 | 0,975 |
| 132 | -70 | 6 | 1 | 90,271 | 59,531 | 1,020 |
| 132 | -64 | 6 | 1 | 88,819 | 60,591 | 1,068 |
| 132 | -58 | 6 | 1 | 87,170 | 61,571 | 1,119 |
| 132 | -52 | 5 | 1 | 86,459 | 62,486 | 1,174 |
| 132 | -46 | 5 | 1 | 85,982 | 63,338 | 1,232 |
| 132 | -40 | 5 | 1 | 85,414 | 64,123 | 1,293 |
| 132 | -34 | 5 | 1 | 84,781 | 64,827 | 1,357 |
| 132 | -28 | 5 | 1 | 84,081 | 65,434 | 1,424 |
| 132 | -22 | 5 | 1 | 83,277 | 65,922 | 1,495 |
| 132 | -16 | 5 | 1 | 82,849 | 66,266 | 1,571 |
| 132 | -10 | 5 | 1 | 82,430 | 66,435 | 1,654 |
| 132 | -4 | 5 | 1 | 81,761 | 66,792 | 1,748 |
| 132 | 2 | 5 | 1 | 81,343 | 67,000 | 1,854 |
| 132 | 8 | 5 | 1 | 81,013 | 66,956 | 1,969 |
| 132 | 14 | 5 | 1 | 80,566 | 66,614 | 2,089 |
| 132 | 20 | 5 | 1 | 80,446 | 66,948 | 2,213 |
| 132 | 26 | 5 | 1 | 80,183 | 66,739 | 2,340 |
| 132 | 32 | 5 | 1 | 80,138 | 67,089 | 2,466 |
| 132 | 38 | 5 | 1 | 80,105 | 69,717 | 2,582 |
| 132 | 44 | 5 | 1 | 80,102 | 69,102 | 2,677 |
| 132 | 50 | 5 | 1 | 80,249 | 69,987 | 2,745 |
| 132 | 56 | 5 | 1 | 80,379 | 70,254 | 2,785 |
| 132 | 62 | 5 | 1 | 80,543 | 70,127 | 2,794 |
| 132 | 68 | 5 | 1 | 80,937 | 72,502 | 2,771 |
| 132 | 74 | 5 | 1 | 80,978 | 70,947 | 2,718 |
| 132 | 80 | 5 | 1 | 81,474 | 72,774 | 2,637 |
| 132 | 86 | 5 | 1 | 81,949 | 75,113 | 2,535 |
| 132 | 92 | 5 | 1 | 82,302 | 75,159 | 2,419 |
| 132 | 98 | 5 | 1 | 82,609 | 75,350 | 2,294 |
| 132 | 104 | 5 | 1 | 82,914 | 75,502 | 2,166 |
| 132 | 110 | 5 | 1 | 83,229 | 69,541 | 2,040 |
| 132 | 116 | 5 | 1 | 83,542 | 70,924 | 1,919 |
| 132 | 122 | 6 | 1 | 84,050 | 72,663 | 1,806 |
| 132 | 128 | 6 | 1 | 85,532 | 74,742 | 1,700 |
| 132 | 134 | 6 | 1 | 86,962 | 77,144 | 1,603 |
| 132 | 140 | 6 | 1 | 88,172 | 75,768 | 1,516 |
| 132 | 146 | 6 | 1 | 88,934 | 73,298 | 1,438 |
| 132 | 152 | 6 | 1 | 90,284 | 76,761 | 1,367 |
| 132 | 158 | 6 | 1 | 91,562 | 77,748 | 1,303 |
| 132 | 164 | 6 | 1 | 91,875 | 72,943 | 1,244 |
| 132 | 170 | 6 | 1 | 93,232 | 77,875 | 1,189 |
| 135 | -97 | 6 | 1 | 95,411 | 52,902 | 0,828 |
| 135 | -91 | 6 | 1 | 94,961 | 54,030 | 0,863 |
| 135 | -85 | 6 | 1 | 93,541 | 55,487 | 0,900 |
| 135 | -79 | 6 | 1 | 91,705 | 56,757 | 0,939 |
| 135 | -73 | 6 | 1 | 90,835 | 57,884 | 0,981 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 135 | -67 | 6 | 1 | 89,480 | 58,908 | 1,026 |
| 135 | -61 | 6 | 1 | 87,881 | 59,859 | 1,075 |
| 135 | -55 | 6 | 1 | 86,214 | 60,887 | 1,126 |
| 135 | -49 | 5 | 1 | 85,637 | 61,797 | 1,181 |
| 135 | -43 | 5 | 1 | 85,158 | 62,582 | 1,239 |
| 135 | -37 | 5 | 1 | 84,632 | 64,206 | 1,299 |
| 135 | -31 | 5 | 1 | 84,073 | 63,851 | 1,362 |
| 135 | -25 | 5 | 1 | 83,468 | 64,452 | 1,428 |
| 135 | -19 | 5 | 1 | 82,774 | 64,947 | 1,499 |
| 135 | -13 | 5 | 1 | 82,198 | 65,310 | 1,575 |
| 135 | -7 | 5 | 1 | 81,931 | 65,512 | 1,659 |
| 135 | -1 | 5 | 1 | 81,428 | 65,710 | 1,754 |
| 135 | 5 | 5 | 1 | 80,903 | 65,973 | 1,860 |
| 135 | 11 | 5 | 1 | 80,783 | 66,003 | 1,973 |
| 135 | 17 | 5 | 1 | 80,165 | 66,091 | 2,090 |
| 135 | 23 | 5 | 1 | 80,328 | 65,654 | 2,211 |
| 135 | 29 | 5 | 1 | 79,851 | 66,003 | 2,335 |
| 135 | 35 | 5 | 1 | 80,130 | 68,531 | 2,453 |
| 135 | 41 | 5 | 1 | 79,806 | 68,373 | 2,557 |
| 135 | 47 | 5 | 1 | 80,167 | 71,551 | 2,638 |
| 135 | 53 | 5 | 1 | 80,063 | 69,745 | 2,692 |
| 135 | 59 | 5 | 1 | 80,372 | 71,284 | 2,719 |
| 135 | 65 | 5 | 1 | 80,588 | 72,154 | 2,716 |
| 135 | 71 | 5 | 1 | 80,536 | 70,686 | 2,683 |
| 135 | 77 | 5 | 1 | 81,106 | 73,378 | 2,621 |
| 135 | 83 | 5 | 1 | 81,458 | 74,812 | 2,536 |
| 135 | 89 | 5 | 1 | 81,696 | 74,453 | 2,433 |
| 135 | 95 | 5 | 1 | 81,898 | 74,418 | 2,318 |
| 135 | 101 | 5 | 1 | 82,113 | 74,781 | 2,196 |
| 135 | 107 | 5 | 1 | 82,361 | 75,558 | 2,074 |
| 135 | 113 | 5 | 1 | 82,639 | 70,625 | 1,954 |
| 135 | 119 | 6 | 1 | 83,454 | 70,713 | 1,839 |
| 135 | 125 | 6 | 1 | 84,534 | 72,375 | 1,732 |
| 135 | 131 | 6 | 1 | 86,027 | 74,570 | 1,632 |
| 135 | 137 | 6 | 1 | 87,426 | 77,094 | 1,542 |
| 135 | 143 | 6 | 1 | 88,546 | 75,617 | 1,460 |
| 135 | 149 | 6 | 1 | 89,142 | 73,126 | 1,386 |
| 135 | 155 | 6 | 1 | 90,518 | 76,770 | 1,320 |
| 135 | 161 | 6 | 1 | 91,617 | 76,711 | 1,259 |
| 135 | 167 | 6 | 1 | 91,632 | 73,047 | 1,204 |
| 138 | -100 | 6 | 1 | 95,245 | 51,434 | 0,800 |
| 138 | -94 | 6 | 1 | 95,061 | 52,523 | 0,833 |
| 138 | -88 | 6 | 1 | 93,795 | 53,956 | 0,868 |
| 138 | -82 | 6 | 1 | 92,019 | 55,190 | 0,905 |
| 138 | -76 | 6 | 1 | 91,306 | 56,275 | 0,944 |
| 138 | -70 | 6 | 1 | 90,039 | 57,253 | 0,987 |
| 138 | -64 | 6 | 1 | 88,476 | 58,363 | 1,032 |
| 138 | -58 | 6 | 1 | 86,810 | 59,413 | 1,081 |
| 138 | -52 | 6 | 1 | 85,181 | 60,346 | 1,133 |
| 138 | -46 | 5 | 1 | 84,735 | 61,173 | 1,187 |
| 138 | -40 | 5 | 1 | 84,282 | 63,257 | 1,244 |
| 138 | -34 | 5 | 1 | 83,819 | 62,590 | 1,304 |
| 138 | -28 | 5 | 1 | 83,350 | 66,404 | 1,366 |
| 138 | -22 | 5 | 1 | 82,855 | 64,199 | 1,432 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 138 | -16 | 5 | 1 | 82,286 | 66,214 | 1,501 |
| 138 | -10 | 5 | 1 | 81,569 | 65,143 | 1,578 |
| 138 | -4 | 5 | 1 | 81,407 | 64,570 | 1,663 |
| 138 | 2 | 5 | 1 | 81,091 | 64,632 | 1,760 |
| 138 | 8 | 5 | 1 | 80,436 | 64,904 | 1,865 |
| 138 | 14 | 5 | 1 | 80,486 | 65,016 | 1,976 |
| 138 | 20 | 5 | 1 | 80,138 | 64,905 | 2,090 |
| 138 | 26 | 5 | 1 | 80,054 | 65,062 | 2,208 |
| 138 | 32 | 5 | 1 | 79,967 | 67,015 | 2,326 |
| 138 | 38 | 5 | 1 | 79,833 | 70,454 | 2,435 |
| 138 | 44 | 5 | 1 | 79,990 | 71,586 | 2,526 |
| 138 | 50 | 5 | 1 | 79,745 | 69,652 | 2,594 |
| 138 | 56 | 5 | 1 | 80,173 | 72,612 | 2,636 |
| 138 | 62 | 5 | 1 | 80,189 | 71,542 | 2,651 |
| 138 | 68 | 5 | 1 | 80,323 | 71,694 | 2,637 |
| 138 | 74 | 5 | 1 | 80,737 | 74,159 | 2,594 |
| 138 | 80 | 5 | 1 | 80,952 | 74,170 | 2,526 |
| 138 | 86 | 5 | 1 | 81,064 | 73,595 | 2,438 |
| 138 | 92 | 5 | 1 | 81,152 | 74,617 | 2,335 |
| 138 | 98 | 5 | 1 | 81,526 | 73,512 | 2,222 |
| 138 | 104 | 5 | 1 | 81,815 | 74,092 | 2,104 |
| 138 | 110 | 6 | 1 | 82,225 | 75,072 | 1,987 |
| 138 | 116 | 6 | 1 | 83,261 | 72,012 | 1,872 |
| 138 | 122 | 6 | 1 | 84,241 | 71,744 | 1,764 |
| 138 | 128 | 6 | 1 | 85,071 | 71,950 | 1,662 |
| 138 | 134 | 6 | 1 | 86,427 | 74,270 | 1,569 |
| 138 | 140 | 6 | 1 | 87,805 | 76,928 | 1,483 |
| 138 | 146 | 6 | 1 | 88,841 | 75,405 | 1,407 |
| 138 | 152 | 6 | 1 | 89,274 | 72,863 | 1,338 |
| 138 | 158 | 6 | 1 | 90,672 | 76,701 | 1,275 |
| 138 | 164 | 6 | 1 | 91,591 | 75,620 | 1,218 |
| 138 | 170 | 6 | 1 | 91,651 | 73,095 | 1,165 |
| 141 | -97 | 6 | 1 | 95,082 | 51,069 | 0,805 |
| 141 | -91 | 6 | 1 | 93,963 | 52,475 | 0,838 |
| 141 | -85 | 6 | 1 | 92,253 | 53,670 | 0,873 |
| 141 | -79 | 6 | 1 | 91,689 | 54,707 | 0,910 |
| 141 | -73 | 6 | 1 | 90,499 | 55,718 | 0,950 |
| 141 | -67 | 6 | 1 | 88,959 | 56,889 | 0,993 |
| 141 | -61 | 6 | 1 | 87,278 | 57,932 | 1,039 |
| 141 | -55 | 6 | 1 | 86,066 | 58,867 | 1,088 |
| 141 | -49 | 6 | 1 | 84,886 | 59,710 | 1,139 |
| 141 | -43 | 5 | 1 | 83,744 | 62,109 | 1,193 |
| 141 | -37 | 5 | 1 | 83,339 | 61,424 | 1,250 |
| 141 | -31 | 5 | 1 | 82,955 | 68,718 | 1,308 |
| 141 | -25 | 5 | 1 | 82,590 | 67,317 | 1,369 |
| 141 | -19 | 5 | 1 | 82,217 | 65,054 | 1,434 |
| 141 | -13 | 5 | 1 | 81,788 | 64,542 | 1,503 |
| 141 | -7 | 5 | 1 | 81,229 | 65,874 | 1,581 |
| 141 | -1 | 5 | 1 | 80,823 | 64,009 | 1,668 |
| 141 | 5 | 5 | 1 | 80,708 | 63,718 | 1,764 |
| 141 | 11 | 5 | 1 | 80,297 | 64,380 | 1,868 |
| 141 | 17 | 5 | 1 | 80,065 | 63,967 | 1,976 |
| 141 | 23 | 5 | 1 | 80,025 | 63,948 | 2,089 |
| 141 | 29 | 5 | 1 | 79,548 | 65,299 | 2,203 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 141 | 35 | 5 | 1 | 79,838 | 67,872 | 2,314 |
| 141 | 41 | 5 | 1 | 79,656 | 70,565 | 2,412 |
| 141 | 47 | 5 | 1 | 79,738 | 71,552 | 2,491 |
| 141 | 53 | 5 | 1 | 79,897 | 72,681 | 2,547 |
| 141 | 59 | 5 | 1 | 79,700 | 70,632 | 2,577 |
| 141 | 65 | 5 | 1 | 80,096 | 72,894 | 2,581 |
| 141 | 71 | 5 | 1 | 80,336 | 74,301 | 2,557 |
| 141 | 77 | 5 | 1 | 80,401 | 73,319 | 2,506 |
| 141 | 83 | 5 | 1 | 80,380 | 73,375 | 2,433 |
| 141 | 89 | 5 | 1 | 80,797 | 75,285 | 2,343 |
| 141 | 95 | 5 | 1 | 81,114 | 76,884 | 2,240 |
| 141 | 101 | 5 | 1 | 81,362 | 73,624 | 2,130 |
| 141 | 107 | 6 | 1 | 82,001 | 73,306 | 2,017 |
| 141 | 113 | 6 | 1 | 82,980 | 74,484 | 1,904 |
| 141 | 119 | 6 | 1 | 83,970 | 73,291 | 1,795 |
| 141 | 125 | 6 | 1 | 84,901 | 72,687 | 1,693 |
| 141 | 131 | 6 | 1 | 85,662 | 71,385 | 1,597 |
| 141 | 137 | 6 | 1 | 86,736 | 73,845 | 1,508 |
| 141 | 143 | 6 | 1 | 88,102 | 76,653 | 1,428 |
| 141 | 149 | 6 | 1 | 89,062 | 75,138 | 1,356 |
| 141 | 155 | 6 | 1 | 89,335 | 72,519 | 1,292 |
| 141 | 161 | 6 | 1 | 90,752 | 76,562 | 1,233 |
| 141 | 167 | 6 | 1 | 91,491 | 74,484 | 1,179 |
| 144 | -100 | 6 | 1 | 95,029 | 49,668 | 0,778 |
| 144 | -94 | 6 | 1 | 94,053 | 51,044 | 0,809 |
| 144 | -88 | 6 | 1 | 92,415 | 52,197 | 0,842 |
| 144 | -82 | 6 | 1 | 91,990 | 53,181 | 0,877 |
| 144 | -76 | 6 | 1 | 90,865 | 54,284 | 0,915 |
| 144 | -70 | 6 | 1 | 89,333 | 55,431 | 0,955 |
| 144 | -64 | 6 | 1 | 87,805 | 56,451 | 0,999 |
| 144 | -58 | 6 | 1 | 86,875 | 58,680 | 1,045 |
| 144 | -52 | 6 | 1 | 85,751 | 60,567 | 1,094 |
| 144 | -46 | 6 | 1 | 84,552 | 60,703 | 1,145 |
| 144 | -40 | 6 | 1 | 83,348 | 61,834 | 1,198 |
| 144 | -34 | 5 | 1 | 82,469 | 66,139 | 1,254 |
| 144 | -28 | 5 | 1 | 82,019 | 66,986 | 1,311 |
| 144 | -22 | 5 | 1 | 81,767 | 66,959 | 1,371 |
| 144 | -16 | 5 | 1 | 81,526 | 66,057 | 1,435 |
| 144 | -10 | 5 | 1 | 81,246 | 63,496 | 1,505 |
| 144 | -4 | 5 | 1 | 80,860 | 64,160 | 1,584 |
| 144 | 2 | 5 | 1 | 80,288 | 64,614 | 1,672 |
| 144 | 8 | 5 | 1 | 80,229 | 62,750 | 1,768 |
| 144 | 14 | 5 | 1 | 80,072 | 62,846 | 1,870 |
| 144 | 20 | 5 | 1 | 79,586 | 62,837 | 1,976 |
| 144 | 26 | 5 | 1 | 79,717 | 64,788 | 2,086 |
| 144 | 32 | 5 | 1 | 79,601 | 67,998 | 2,196 |
| 144 | 38 | 5 | 1 | 79,361 | 70,977 | 2,298 |
| 144 | 44 | 5 | 1 | 79,609 | 73,497 | 2,385 |
| 144 | 50 | 5 | 1 | 79,492 | 71,623 | 2,452 |
| 144 | 56 | 5 | 1 | 79,525 | 71,885 | 2,496 |
| 144 | 62 | 5 | 1 | 79,813 | 74,221 | 2,516 |
| 144 | 68 | 5 | 1 | 79,868 | 73,396 | 2,509 |
| 144 | 74 | 5 | 1 | 79,774 | 72,250 | 2,476 |
| 144 | 80 | 5 | 1 | 80,106 | 74,333 | 2,419 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 144 | 86 | 5 | 1 | 80,414 | 76,078 | 2,343 |
| 144 | 92 | 5 | 1 | 80,646 | 77,443 | 2,252 |
| 144 | 98 | 6 | 1 | 80,867 | 77,803 | 2,150 |
| 144 | 104 | 6 | 1 | 81,679 | 74,319 | 2,043 |
| 144 | 110 | 6 | 1 | 82,577 | 74,430 | 1,934 |
| 144 | 116 | 6 | 1 | 83,544 | 73,789 | 1,826 |
| 144 | 122 | 6 | 1 | 84,531 | 74,467 | 1,723 |
| 144 | 128 | 6 | 1 | 85,446 | 73,546 | 1,625 |
| 144 | 134 | 6 | 1 | 86,158 | 71,800 | 1,535 |
| 144 | 140 | 6 | 1 | 86,959 | 73,300 | 1,452 |
| 144 | 146 | 6 | 1 | 88,323 | 76,276 | 1,377 |
| 144 | 152 | 6 | 1 | 89,213 | 74,822 | 1,309 |
| 144 | 158 | 6 | 1 | 89,331 | 72,100 | 1,248 |
| 144 | 164 | 6 | 1 | 90,766 | 76,360 | 1,192 |
| 144 | 170 | 6 | 1 | 91,322 | 73,311 | 1,141 |
| 147 | -97 | 6 | 1 | 94,070 | 49,662 | 0,782 |
| 147 | -91 | 6 | 1 | 92,508 | 50,771 | 0,813 |
| 147 | -85 | 6 | 1 | 92,213 | 51,698 | 0,846 |
| 147 | -79 | 6 | 1 | 91,140 | 52,880 | 0,882 |
| 147 | -73 | 6 | 1 | 89,602 | 53,993 | 0,920 |
| 147 | -67 | 6 | 1 | 88,435 | 54,978 | 0,961 |
| 147 | -61 | 6 | 1 | 87,550 | 59,752 | 1,004 |
| 147 | -55 | 6 | 1 | 86,447 | 59,852 | 1,051 |
| 147 | -49 | 6 | 1 | 85,265 | 59,005 | 1,099 |
| 147 | -43 | 6 | 1 | 84,095 | 64,033 | 1,150 |
| 147 | -37 | 6 | 1 | 82,987 | 63,945 | 1,203 |
| 147 | -31 | 5 | 1 | 81,990 | 65,442 | 1,257 |
| 147 | -25 | 5 | 1 | 81,585 | 65,141 | 1,313 |
| 147 | -19 | 5 | 1 | 81,114 | 65,220 | 1,372 |
| 147 | -13 | 5 | 1 | 80,747 | 65,736 | 1,436 |
| 147 | -7 | 5 | 1 | 80,623 | 64,721 | 1,507 |
| 147 | -1 | 5 | 1 | 80,417 | 62,141 | 1,586 |
| 147 | 5 | 5 | 1 | 80,058 | 63,772 | 1,675 |
| 147 | 11 | 5 | 1 | 79,597 | 63,528 | 1,770 |
| 147 | 17 | 5 | 1 | 79,693 | 61,810 | 1,871 |
| 147 | 23 | 5 | 1 | 79,519 | 62,683 | 1,975 |
| 147 | 29 | 5 | 1 | 79,130 | 64,827 | 2,082 |
| 147 | 35 | 5 | 1 | 79,368 | 67,331 | 2,185 |
| 147 | 41 | 5 | 1 | 79,282 | 72,423 | 2,278 |
| 147 | 47 | 5 | 1 | 79,053 | 71,306 | 2,354 |
| 147 | 53 | 5 | 1 | 79,368 | 73,675 | 2,410 |
| 147 | 59 | 5 | 1 | 79,425 | 73,633 | 2,443 |
| 147 | 65 | 5 | 1 | 79,287 | 72,184 | 2,453 |
| 147 | 71 | 5 | 1 | 79,491 | 73,567 | 2,437 |
| 147 | 77 | 5 | 1 | 79,778 | 75,415 | 2,396 |
| 147 | 83 | 5 | 1 | 79,963 | 76,387 | 2,334 |
| 147 | 89 | 5 | 1 | 80,096 | 76,300 | 2,255 |
| 147 | 95 | 6 | 1 | 80,534 | 76,496 | 2,164 |
| 147 | 101 | 6 | 1 | 81,206 | 77,006 | 2,064 |
| 147 | 107 | 6 | 1 | 82,007 | 75,603 | 1,960 |
| 147 | 113 | 6 | 1 | 82,930 | 74,344 | 1,855 |
| 147 | 119 | 6 | 1 | 83,937 | 72,981 | 1,753 |
| 147 | 125 | 6 | 1 | 84,956 | 74,818 | 1,654 |
| 147 | 131 | 6 | 1 | 85,881 | 74,327 | 1,562 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 147 | 137 | 6 | 1 | 86,566 | 72,253 | 1,477 |
| 147 | 143 | 6 | 1 | 87,099 | 72,642 | 1,398 |
| 147 | 149 | 6 | 1 | 88,472 | 75,804 | 1,328 |
| 147 | 155 | 6 | 1 | 89,301 | 74,462 | 1,264 |
| 147 | 161 | 6 | 1 | 89,268 | 71,616 | 1,206 |
| 147 | 167 | 6 | 1 | 90,717 | 75,956 | 1,154 |
| 150 | -100 | 6 | 1 | 94,022 | 48,328 | 0,757 |
| 150 | -94 | 6 | 1 | 92,539 | 49,392 | 0,786 |
| 150 | -88 | 6 | 1 | 92,363 | 50,266 | 0,817 |
| 150 | -82 | 6 | 1 | 91,328 | 51,508 | 0,850 |
| 150 | -76 | 6 | 1 | 89,768 | 52,579 | 0,886 |
| 150 | -70 | 6 | 1 | 88,963 | 53,517 | 0,925 |
| 150 | -64 | 6 | 1 | 88,098 | 59,137 | 0,966 |
| 150 | -58 | 6 | 1 | 86,986 | 57,881 | 1,010 |
| 150 | -52 | 6 | 1 | 85,780 | 57,005 | 1,056 |
| 150 | -46 | 6 | 1 | 84,590 | 65,551 | 1,105 |
| 150 | -40 | 6 | 1 | 83,484 | 64,577 | 1,154 |
| 150 | -34 | 6 | 1 | 82,497 | 66,000 | 1,206 |
| 150 | -28 | 6 | 1 | 81,625 | 65,114 | 1,259 |
| 150 | -22 | 5 | 1 | 81,072 | 63,792 | 1,314 |
| 150 | -16 | 5 | 1 | 80,708 | 63,344 | 1,372 |
| 150 | -10 | 5 | 1 | 80,276 | 63,901 | 1,436 |
| 150 | -4 | 5 | 1 | 79,872 | 64,883 | 1,508 |
| 150 | 2 | 5 | 1 | 79,849 | 63,586 | 1,589 |
| 150 | 8 | 5 | 1 | 79,708 | 61,499 | 1,678 |
| 150 | 14 | 5 | 1 | 79,385 | 63,229 | 1,772 |
| 150 | 20 | 5 | 1 | 79,087 | 62,906 | 1,871 |
| 150 | 26 | 5 | 1 | 79,209 | 66,181 | 1,973 |
| 150 | 32 | 5 | 1 | 79,075 | 68,819 | 2,075 |
| 150 | 38 | 5 | 1 | 78,725 | 71,336 | 2,172 |
| 150 | 44 | 5 | 1 | 79,012 | 73,574 | 2,255 |
| 150 | 50 | 5 | 1 | 79,050 | 73,870 | 2,320 |
| 150 | 56 | 5 | 1 | 78,876 | 72,248 | 2,365 |
| 150 | 62 | 5 | 1 | 78,969 | 73,097 | 2,388 |
| 150 | 68 | 5 | 1 | 79,225 | 74,986 | 2,388 |
| 150 | 74 | 5 | 1 | 79,354 | 75,641 | 2,363 |
| 150 | 80 | 5 | 1 | 79,409 | 75,152 | 2,316 |
| 150 | 86 | 6 | 1 | 79,604 | 74,902 | 2,250 |
| 150 | 92 | 6 | 1 | 79,994 | 74,952 | 2,170 |
| 150 | 98 | 6 | 1 | 80,706 | 75,923 | 2,080 |
| 150 | 104 | 6 | 1 | 81,487 | 76,035 | 1,982 |
| 150 | 110 | 6 | 1 | 82,208 | 77,055 | 1,881 |
| 150 | 116 | 6 | 1 | 83,089 | 74,565 | 1,781 |
| 150 | 122 | 6 | 1 | 84,174 | 72,050 | 1,683 |
| 150 | 128 | 6 | 1 | 85,256 | 74,043 | 1,590 |
| 150 | 134 | 6 | 1 | 86,215 | 75,033 | 1,502 |
| 150 | 140 | 6 | 1 | 86,891 | 72,648 | 1,422 |
| 150 | 146 | 6 | 1 | 87,162 | 71,879 | 1,348 |
| 150 | 152 | 6 | 1 | 88,555 | 75,244 | 1,281 |
| 150 | 158 | 6 | 1 | 89,329 | 74,063 | 1,221 |
| 150 | 164 | 6 | 1 | 89,194 | 71,073 | 1,167 |
| 150 | 170 | 6 | 1 | 90,612 | 74,946 | 1,117 |
| 153 | -97 | 6 | 1 | 92,511 | 48,058 | 0,760 |
| 153 | -91 | 6 | 1 | 92,443 | 48,969 | 0,789 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 153 | -85 | 6 | 1 | 91,433 | 50,169 | 0,821 |
| 153 | -79 | 6 | 1 | 89,835 | 51,190 | 0,855 |
| 153 | -73 | 6 | 1 | 89,390 | 52,073 | 0,891 |
| 153 | -67 | 6 | 1 | 88,524 | 57,056 | 0,930 |
| 153 | -61 | 6 | 1 | 87,376 | 55,668 | 0,972 |
| 153 | -55 | 6 | 1 | 86,114 | 54,714 | 1,016 |
| 153 | -49 | 6 | 1 | 84,859 | 63,910 | 1,062 |
| 153 | -43 | 6 | 1 | 83,696 | 62,898 | 1,109 |
| 153 | -37 | 6 | 1 | 82,676 | 66,134 | 1,158 |
| 153 | -31 | 6 | 1 | 81,822 | 68,010 | 1,208 |
| 153 | -25 | 6 | 1 | 81,125 | 66,977 | 1,260 |
| 153 | -19 | 6 | 1 | 80,547 | 65,567 | 1,314 |
| 153 | -13 | 5 | 1 | 80,183 | 63,845 | 1,372 |
| 153 | -7 | 5 | 1 | 79,895 | 61,971 | 1,437 |
| 153 | -1 | 5 | 1 | 79,529 | 63,221 | 1,510 |
| 153 | 5 | 5 | 1 | 79,100 | 64,199 | 1,591 |
| 153 | 11 | 5 | 1 | 79,169 | 62,878 | 1,679 |
| 153 | 17 | 5 | 1 | 79,098 | 60,594 | 1,772 |
| 153 | 23 | 5 | 1 | 78,845 | 62,344 | 1,870 |
| 153 | 29 | 5 | 1 | 78,565 | 64,136 | 1,969 |
| 153 | 35 | 5 | 1 | 78,753 | 68,610 | 2,066 |
| 153 | 41 | 5 | 1 | 78,726 | 73,980 | 2,154 |
| 153 | 47 | 5 | 1 | 78,498 | 72,254 | 2,227 |
| 153 | 53 | 5 | 1 | 78,553 | 73,034 | 2,282 |
| 153 | 59 | 5 | 1 | 78,759 | 74,874 | 2,318 |
| 153 | 65 | 5 | 1 | 78,823 | 75,082 | 2,331 |
| 153 | 71 | 6 | 1 | 78,819 | 74,255 | 2,322 |
| 153 | 77 | 6 | 1 | 78,874 | 73,610 | 2,290 |
| 153 | 83 | 6 | 1 | 79,513 | 74,799 | 2,237 |
| 153 | 89 | 6 | 1 | 80,262 | 76,051 | 2,169 |
| 153 | 95 | 6 | 1 | 80,965 | 77,083 | 2,089 |
| 153 | 101 | 6 | 1 | 81,658 | 77,902 | 1,999 |
| 153 | 107 | 6 | 1 | 82,348 | 74,928 | 1,904 |
| 153 | 113 | 6 | 1 | 83,014 | 76,148 | 1,807 |
| 153 | 119 | 6 | 1 | 83,604 | 74,675 | 1,711 |
| 153 | 125 | 6 | 1 | 84,269 | 70,988 | 1,617 |
| 153 | 131 | 6 | 1 | 85,439 | 73,142 | 1,529 |
| 153 | 137 | 6 | 1 | 86,453 | 75,605 | 1,446 |
| 153 | 143 | 6 | 1 | 87,138 | 72,988 | 1,370 |
| 153 | 149 | 6 | 1 | 87,272 | 71,018 | 1,300 |
| 153 | 155 | 6 | 1 | 88,574 | 74,604 | 1,237 |
| 153 | 161 | 6 | 1 | 89,303 | 73,630 | 1,181 |
| 153 | 167 | 6 | 1 | 89,100 | 70,478 | 1,129 |
| 156 | -100 | 6 | 1 | 92,428 | 46,769 | 0,735 |
| 156 | -94 | 6 | 1 | 92,458 | 47,709 | 0,763 |
| 156 | -88 | 6 | 1 | 91,458 | 48,864 | 0,793 |
| 156 | -82 | 6 | 1 | 90,057 | 49,831 | 0,825 |
| 156 | -76 | 6 | 1 | 89,722 | 50,651 | 0,859 |
| 156 | -70 | 6 | 1 | 88,833 | 54,807 | 0,896 |
| 156 | -64 | 6 | 1 | 87,624 | 53,246 | 0,936 |
| 156 | -58 | 6 | 1 | 86,277 | 53,455 | 0,977 |
| 156 | -52 | 6 | 1 | 85,332 | 62,023 | 1,021 |
| 156 | -46 | 6 | 1 | 84,547 | 60,975 | 1,066 |
| 156 | -40 | 6 | 1 | 83,681 | 63,200 | 1,113 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 156 | -34 | 6 | 1 | 82,790 | 68,061 | 1,160 |
| 156 | -28 | 6 | 1 | 81,894 | 67,438 | 1,209 |
| 156 | -22 | 6 | 1 | 80,984 | 67,122 | 1,259 |
| 156 | -16 | 6 | 1 | 80,026 | 67,136 | 1,313 |
| 156 | -10 | 6 | 1 | 79,728 | 65,709 | 1,372 |
| 156 | -4 | 6 | 1 | 79,468 | 63,781 | 1,438 |
| 156 | 2 | 5 | 1 | 79,163 | 61,698 | 1,512 |
| 156 | 8 | 5 | 1 | 78,883 | 61,952 | 1,593 |
| 156 | 14 | 5 | 1 | 78,476 | 63,482 | 1,681 |
| 156 | 20 | 5 | 1 | 78,536 | 62,790 | 1,773 |
| 156 | 26 | 5 | 1 | 78,559 | 67,377 | 1,868 |
| 156 | 32 | 5 | 1 | 78,417 | 69,494 | 1,964 |
| 156 | 38 | 5 | 1 | 78,105 | 71,563 | 2,054 |
| 156 | 44 | 5 | 1 | 78,244 | 73,475 | 2,133 |
| 156 | 50 | 6 | 1 | 78,461 | 75,153 | 2,197 |
| 156 | 56 | 6 | 1 | 78,565 | 74,575 | 2,242 |
| 156 | 62 | 6 | 1 | 78,473 | 73,480 | 2,268 |
| 156 | 68 | 6 | 1 | 78,586 | 73,411 | 2,273 |
| 156 | 74 | 6 | 1 | 79,300 | 74,922 | 2,255 |
| 156 | 80 | 6 | 1 | 79,899 | 76,211 | 2,217 |
| 156 | 86 | 6 | 1 | 80,449 | 77,302 | 2,161 |
| 156 | 92 | 6 | 1 | 81,002 | 77,398 | 2,091 |
| 156 | 98 | 6 | 1 | 81,595 | 77,400 | 2,010 |
| 156 | 104 | 6 | 1 | 82,239 | 77,484 | 1,922 |
| 156 | 110 | 6 | 1 | 82,919 | 73,702 | 1,830 |
| 156 | 116 | 6 | 1 | 83,594 | 75,117 | 1,736 |
| 156 | 122 | 6 | 1 | 84,194 | 74,196 | 1,644 |
| 156 | 128 | 6 | 1 | 84,617 | 69,789 | 1,555 |
| 156 | 134 | 6 | 1 | 85,511 | 72,115 | 1,471 |
| 156 | 140 | 6 | 1 | 86,600 | 74,764 | 1,392 |
| 156 | 146 | 6 | 1 | 87,310 | 73,277 | 1,320 |
| 156 | 152 | 6 | 1 | 87,405 | 70,069 | 1,255 |
| 156 | 158 | 6 | 1 | 88,533 | 73,890 | 1,196 |
| 156 | 164 | 6 | 1 | 89,225 | 73,165 | 1,142 |
| 156 | 170 | 6 | 1 | 88,955 | 69,837 | 1,094 |
| 159 | -97 | 6 | 1 | 92,412 | 46,488 | 0,738 |
| 159 | -91 | 6 | 1 | 91,408 | 47,595 | 0,766 |
| 159 | -85 | 6 | 1 | 90,285 | 48,502 | 0,796 |
| 159 | -79 | 6 | 1 | 89,961 | 49,254 | 0,829 |
| 159 | -73 | 6 | 1 | 89,028 | 52,425 | 0,864 |
| 159 | -67 | 6 | 1 | 87,737 | 51,238 | 0,901 |
| 159 | -61 | 6 | 1 | 86,656 | 54,840 | 0,941 |
| 159 | -55 | 6 | 1 | 86,039 | 59,882 | 0,982 |
| 159 | -49 | 6 | 1 | 85,242 | 59,970 | 1,025 |
| 159 | -43 | 6 | 1 | 84,374 | 61,370 | 1,070 |
| 159 | -37 | 6 | 1 | 83,508 | 66,225 | 1,115 |
| 159 | -31 | 6 | 1 | 82,683 | 65,456 | 1,161 |
| 159 | -25 | 6 | 1 | 81,912 | 64,948 | 1,209 |
| 159 | -19 | 6 | 1 | 81,179 | 64,714 | 1,258 |
| 159 | -13 | 6 | 1 | 80,448 | 64,773 | 1,312 |
| 159 | -7 | 6 | 1 | 79,668 | 65,147 | 1,371 |
| 159 | -1 | 6 | 1 | 79,083 | 65,846 | 1,438 |
| 159 | 5 | 6 | 1 | 79,087 | 63,891 | 1,513 |
| 159 | 11 | 6 | 1 | 78,987 | 61,827 | 1,595 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 159 | 17 | 6 | 1 | 78,708 | 60,915 | 1,681 |
| 159 | 23 | 6 | 1 | 78,199 | 62,563 | 1,772 |
| 159 | 29 | 6 | 1 | 78,099 | 64,421 | 1,865 |
| 159 | 35 | 6 | 1 | 78,480 | 69,676 | 1,956 |
| 159 | 41 | 6 | 1 | 78,601 | 75,270 | 2,039 |
| 159 | 47 | 6 | 1 | 78,479 | 73,988 | 2,109 |
| 159 | 53 | 6 | 1 | 78,167 | 72,692 | 2,163 |
| 159 | 59 | 6 | 1 | 78,682 | 73,849 | 2,200 |
| 159 | 65 | 6 | 1 | 79,214 | 75,289 | 2,217 |
| 159 | 71 | 6 | 1 | 79,622 | 76,525 | 2,213 |
| 159 | 77 | 6 | 1 | 79,971 | 76,592 | 2,188 |
| 159 | 83 | 6 | 1 | 80,323 | 76,522 | 2,145 |
| 159 | 89 | 6 | 1 | 80,727 | 76,676 | 2,086 |
| 159 | 95 | 6 | 1 | 81,219 | 77,004 | 2,015 |
| 159 | 101 | 6 | 1 | 81,809 | 76,910 | 1,935 |
| 159 | 107 | 6 | 1 | 82,490 | 76,669 | 1,849 |
| 159 | 113 | 6 | 1 | 83,229 | 74,335 | 1,759 |
| 159 | 119 | 6 | 1 | 83,968 | 73,961 | 1,669 |
| 159 | 125 | 6 | 1 | 84,622 | 72,566 | 1,581 |
| 159 | 131 | 6 | 1 | 85,076 | 70,534 | 1,496 |
| 159 | 137 | 6 | 1 | 85,480 | 70,963 | 1,416 |
| 159 | 143 | 6 | 1 | 86,660 | 73,815 | 1,342 |
| 159 | 149 | 6 | 1 | 87,412 | 73,520 | 1,274 |
| 159 | 155 | 6 | 1 | 87,482 | 69,085 | 1,212 |
| 159 | 161 | 6 | 1 | 88,438 | 73,110 | 1,156 |
| 159 | 167 | 6 | 1 | 89,100 | 72,674 | 1,106 |
| 162 | -100 | 6 | 1 | 92,308 | 46,154 | 0,714 |
| 162 | -94 | 6 | 1 | 91,286 | 46,360 | 0,741 |
| 162 | -88 | 6 | 1 | 90,442 | 47,205 | 0,769 |
| 162 | -82 | 6 | 1 | 90,111 | 48,048 | 0,800 |
| 162 | -76 | 6 | 1 | 89,114 | 49,945 | 0,833 |
| 162 | -70 | 6 | 1 | 87,718 | 51,971 | 0,869 |
| 162 | -64 | 6 | 1 | 87,217 | 56,169 | 0,907 |
| 162 | -58 | 6 | 1 | 86,557 | 57,498 | 0,946 |
| 162 | -52 | 6 | 1 | 85,702 | 61,971 | 0,987 |
| 162 | -46 | 6 | 1 | 84,775 | 63,673 | 1,029 |
| 162 | -40 | 6 | 1 | 83,862 | 64,232 | 1,073 |
| 162 | -34 | 6 | 1 | 83,020 | 65,109 | 1,116 |
| 162 | -28 | 6 | 1 | 82,276 | 65,021 | 1,161 |
| 162 | -22 | 6 | 1 | 81,636 | 64,505 | 1,207 |
| 162 | -16 | 6 | 1 | 81,082 | 63,633 | 1,257 |
| 162 | -10 | 6 | 1 | 80,579 | 62,472 | 1,310 |
| 162 | -4 | 6 | 1 | 80,079 | 62,642 | 1,371 |
| 162 | 2 | 6 | 1 | 79,524 | 63,286 | 1,439 |
| 162 | 8 | 6 | 1 | 78,861 | 64,214 | 1,515 |
| 162 | 14 | 6 | 1 | 78,746 | 64,419 | 1,596 |
| 162 | 20 | 6 | 1 | 78,906 | 62,481 | 1,682 |
| 162 | 26 | 6 | 1 | 78,907 | 68,388 | 1,771 |
| 162 | 32 | 6 | 1 | 78,716 | 70,034 | 1,860 |
| 162 | 38 | 6 | 1 | 78,334 | 71,678 | 1,945 |
| 162 | 44 | 6 | 1 | 78,438 | 73,245 | 2,021 |
| 162 | 50 | 6 | 1 | 78,904 | 74,680 | 2,082 |
| 162 | 56 | 6 | 1 | 79,204 | 75,951 | 2,127 |
| 162 | 62 | 6 | 1 | 79,385 | 75,756 | 2,155 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 162 | 68 | 6 | 1 | 79,502 | 75,190 | 2,164 |
| 162 | 74 | 6 | 1 | 79,616 | 74,793 | 2,152 |
| 162 | 80 | 6 | 1 | 79,784 | 74,612 | 2,122 |
| 162 | 86 | 6 | 1 | 80,080 | 74,857 | 2,074 |
| 162 | 92 | 6 | 1 | 80,642 | 75,575 | 2,013 |
| 162 | 98 | 6 | 1 | 81,160 | 76,083 | 1,942 |
| 162 | 104 | 6 | 1 | 81,666 | 76,506 | 1,863 |
| 162 | 110 | 6 | 1 | 82,454 | 76,616 | 1,779 |
| 162 | 116 | 6 | 1 | 83,306 | 75,941 | 1,692 |
| 162 | 122 | 6 | 1 | 84,154 | 72,677 | 1,606 |
| 162 | 128 | 6 | 1 | 84,899 | 73,648 | 1,521 |
| 162 | 134 | 6 | 1 | 85,415 | 71,467 | 1,440 |
| 162 | 140 | 6 | 1 | 85,537 | 69,691 | 1,365 |
| 162 | 146 | 6 | 1 | 86,639 | 72,763 | 1,294 |
| 162 | 152 | 6 | 1 | 87,447 | 73,718 | 1,230 |
| 162 | 158 | 6 | 1 | 87,504 | 68,981 | 1,172 |
| 162 | 164 | 6 | 1 | 88,290 | 72,271 | 1,119 |
| 162 | 170 | 6 | 1 | 88,931 | 72,159 | 1,071 |
| 165 | -97 | 6 | 1 | 91,096 | 45,548 | 0,717 |
| 165 | -91 | 6 | 1 | 90,530 | 45,941 | 0,744 |
| 165 | -85 | 6 | 1 | 90,174 | 46,878 | 0,773 |
| 165 | -79 | 6 | 1 | 89,093 | 47,847 | 0,804 |
| 165 | -73 | 6 | 1 | 87,978 | 52,892 | 0,838 |
| 165 | -67 | 6 | 1 | 87,633 | 56,657 | 0,874 |
| 165 | -61 | 6 | 1 | 86,897 | 54,892 | 0,912 |
| 165 | -55 | 6 | 1 | 85,946 | 63,883 | 0,951 |
| 165 | -49 | 6 | 1 | 84,913 | 63,226 | 0,991 |
| 165 | -43 | 6 | 1 | 83,896 | 62,849 | 1,032 |
| 165 | -37 | 6 | 1 | 82,961 | 67,828 | 1,074 |
| 165 | -31 | 6 | 1 | 82,269 | 67,991 | 1,117 |
| 165 | -25 | 6 | 1 | 81,573 | 67,724 | 1,160 |
| 165 | -19 | 6 | 1 | 80,967 | 67,098 | 1,206 |
| 165 | -13 | 6 | 1 | 80,578 | 66,172 | 1,255 |
| 165 | -7 | 6 | 1 | 80,285 | 65,002 | 1,309 |
| 165 | -1 | 6 | 1 | 80,045 | 63,640 | 1,371 |
| 165 | 5 | 6 | 1 | 79,805 | 62,138 | 1,441 |
| 165 | 11 | 6 | 1 | 79,514 | 61,431 | 1,516 |
| 165 | 17 | 6 | 1 | 79,127 | 62,477 | 1,597 |
| 165 | 23 | 6 | 1 | 78,614 | 63,729 | 1,682 |
| 165 | 29 | 6 | 1 | 78,684 | 65,145 | 1,768 |
| 165 | 35 | 6 | 1 | 78,984 | 70,546 | 1,854 |
| 165 | 41 | 6 | 1 | 79,144 | 75,787 | 1,932 |
| 165 | 47 | 6 | 1 | 79,171 | 75,415 | 1,999 |
| 165 | 53 | 6 | 1 | 79,096 | 74,525 | 2,052 |
| 165 | 59 | 6 | 1 | 78,962 | 73,716 | 2,089 |
| 165 | 65 | 6 | 1 | 79,121 | 73,844 | 2,109 |
| 165 | 71 | 6 | 1 | 79,652 | 74,921 | 2,110 |
| 165 | 77 | 6 | 1 | 80,129 | 75,847 | 2,091 |
| 165 | 83 | 6 | 1 | 80,583 | 76,265 | 2,056 |
| 165 | 89 | 6 | 1 | 81,037 | 76,215 | 2,005 |
| 165 | 95 | 6 | 1 | 81,501 | 76,224 | 1,943 |
| 165 | 101 | 6 | 1 | 81,971 | 76,287 | 1,872 |
| 165 | 107 | 6 | 1 | 82,421 | 76,388 | 1,794 |
| 165 | 113 | 6 | 1 | 82,803 | 76,429 | 1,712 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 165 | 119 | 6 | 1 | 83,175 | 77,385 | 1,628 |
| 165 | 125 | 6 | 1 | 84,167 | 71,260 | 1,545 |
| 165 | 131 | 6 | 1 | 85,036 | 73,518 | 1,465 |
| 165 | 137 | 6 | 1 | 85,642 | 72,330 | 1,388 |
| 165 | 143 | 6 | 1 | 85,808 | 68,996 | 1,316 |
| 165 | 149 | 6 | 1 | 86,539 | 71,615 | 1,249 |
| 165 | 155 | 6 | 1 | 87,419 | 73,356 | 1,188 |
| 165 | 161 | 6 | 1 | 87,477 | 68,849 | 1,133 |
| 165 | 167 | 6 | 1 | 88,094 | 71,380 | 1,083 |
| 168 | -100 | 6 | 1 | 90,841 | 45,389 | 0,694 |
| 168 | -94 | 6 | 1 | 90,553 | 45,277 | 0,720 |
| 168 | -88 | 6 | 1 | 90,154 | 45,730 | 0,747 |
| 168 | -82 | 6 | 1 | 88,968 | 46,638 | 0,777 |
| 168 | -76 | 6 | 1 | 88,328 | 53,769 | 0,809 |
| 168 | -70 | 6 | 1 | 87,913 | 54,067 | 0,843 |
| 168 | -64 | 6 | 1 | 87,070 | 52,102 | 0,879 |
| 168 | -58 | 6 | 1 | 85,989 | 61,243 | 0,916 |
| 168 | -52 | 6 | 1 | 84,818 | 60,864 | 0,955 |
| 168 | -46 | 6 | 1 | 84,376 | 59,783 | 0,994 |
| 168 | -40 | 6 | 1 | 83,799 | 67,895 | 1,034 |
| 168 | -34 | 6 | 1 | 83,166 | 67,021 | 1,075 |
| 168 | -28 | 6 | 1 | 82,526 | 66,173 | 1,116 |
| 168 | -22 | 6 | 1 | 81,903 | 65,573 | 1,158 |
| 168 | -16 | 6 | 1 | 81,304 | 65,218 | 1,203 |
| 168 | -10 | 6 | 1 | 80,718 | 65,108 | 1,253 |
| 168 | -4 | 6 | 1 | 80,123 | 65,246 | 1,309 |
| 168 | 2 | 6 | 1 | 79,492 | 65,630 | 1,372 |
| 168 | 8 | 6 | 1 | 79,446 | 64,950 | 1,442 |
| 168 | 14 | 6 | 1 | 79,479 | 63,476 | 1,517 |
| 168 | 20 | 6 | 1 | 79,472 | 61,973 | 1,597 |
| 168 | 26 | 6 | 1 | 79,392 | 68,915 | 1,681 |
| 168 | 32 | 6 | 1 | 79,221 | 70,447 | 1,765 |
| 168 | 38 | 6 | 1 | 78,957 | 71,691 | 1,845 |
| 168 | 44 | 6 | 1 | 78,618 | 73,060 | 1,916 |
| 168 | 50 | 6 | 1 | 79,065 | 74,061 | 1,975 |
| 168 | 56 | 6 | 1 | 79,446 | 75,116 | 2,020 |
| 168 | 62 | 6 | 1 | 79,762 | 75,517 | 2,049 |
| 168 | 68 | 6 | 1 | 80,042 | 75,254 | 2,061 |
| 168 | 74 | 6 | 1 | 80,321 | 75,035 | 2,055 |
| 168 | 80 | 6 | 1 | 80,627 | 75,024 | 2,031 |
| 168 | 86 | 6 | 1 | 80,983 | 75,011 | 1,991 |
| 168 | 92 | 6 | 1 | 81,401 | 74,889 | 1,938 |
| 168 | 98 | 6 | 1 | 81,875 | 74,864 | 1,876 |
| 168 | 104 | 6 | 1 | 82,387 | 75,009 | 1,805 |
| 168 | 110 | 6 | 1 | 82,896 | 75,203 | 1,728 |
| 168 | 116 | 6 | 1 | 83,342 | 75,079 | 1,649 |
| 168 | 122 | 6 | 1 | 83,641 | 76,852 | 1,568 |
| 168 | 128 | 6 | 1 | 84,023 | 70,000 | 1,488 |
| 168 | 134 | 6 | 1 | 85,041 | 72,172 | 1,411 |
| 168 | 140 | 6 | 1 | 85,762 | 73,124 | 1,338 |
| 168 | 146 | 6 | 1 | 85,995 | 69,548 | 1,269 |
| 168 | 152 | 6 | 1 | 86,364 | 70,379 | 1,206 |
| 168 | 158 | 6 | 1 | 87,332 | 72,181 | 1,149 |
| 168 | 164 | 6 | 1 | 87,402 | 68,690 | 1,097 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 168 | 170 | 6 | 1 | 87,852 | 70,442 | 1,049 |
| 171 | -97 | 6 | 1 | 90,514 | 45,257 | 0,697 |
| 171 | -91 | 6 | 1 | 90,053 | 45,027 | 0,723 |
| 171 | -85 | 6 | 1 | 88,743 | 45,447 | 0,751 |
| 171 | -79 | 6 | 1 | 88,571 | 52,429 | 0,781 |
| 171 | -73 | 6 | 1 | 88,059 | 51,360 | 0,814 |
| 171 | -67 | 6 | 1 | 87,083 | 49,170 | 0,848 |
| 171 | -61 | 6 | 1 | 85,844 | 60,040 | 0,884 |
| 171 | -55 | 6 | 1 | 85,489 | 58,265 | 0,920 |
| 171 | -49 | 6 | 1 | 84,976 | 58,221 | 0,958 |
| 171 | -43 | 6 | 1 | 84,328 | 65,934 | 0,996 |
| 171 | -37 | 6 | 1 | 83,635 | 64,709 | 1,035 |
| 171 | -31 | 6 | 1 | 82,959 | 63,740 | 1,074 |
| 171 | -25 | 6 | 1 | 82,336 | 63,008 | 1,114 |
| 171 | -19 | 6 | 1 | 81,784 | 62,973 | 1,156 |
| 171 | -13 | 6 | 1 | 81,306 | 62,618 | 1,201 |
| 171 | -7 | 6 | 1 | 80,889 | 62,115 | 1,251 |
| 171 | -1 | 6 | 1 | 80,512 | 62,238 | 1,309 |
| 171 | 5 | 6 | 1 | 80,148 | 62,568 | 1,373 |
| 171 | 11 | 6 | 1 | 79,769 | 63,099 | 1,443 |
| 171 | 17 | 6 | 1 | 79,352 | 63,817 | 1,518 |
| 171 | 23 | 6 | 1 | 78,881 | 64,698 | 1,598 |
| 171 | 29 | 6 | 1 | 79,133 | 65,709 | 1,679 |
| 171 | 35 | 6 | 1 | 79,351 | 71,238 | 1,759 |
| 171 | 41 | 6 | 1 | 79,511 | 75,073 | 1,833 |
| 171 | 47 | 6 | 1 | 79,615 | 74,684 | 1,897 |
| 171 | 53 | 6 | 1 | 79,680 | 74,905 | 1,949 |
| 171 | 59 | 6 | 1 | 79,730 | 75,114 | 1,986 |
| 171 | 65 | 6 | 1 | 79,795 | 75,209 | 2,007 |
| 171 | 71 | 6 | 1 | 79,906 | 75,031 | 2,012 |
| 171 | 77 | 6 | 1 | 80,092 | 75,045 | 1,999 |
| 171 | 83 | 6 | 1 | 80,372 | 75,270 | 1,970 |
| 171 | 89 | 6 | 1 | 80,757 | 75,268 | 1,928 |
| 171 | 95 | 6 | 1 | 81,245 | 75,086 | 1,873 |
| 171 | 101 | 6 | 1 | 81,819 | 74,795 | 1,810 |
| 171 | 107 | 6 | 1 | 82,448 | 74,356 | 1,740 |
| 171 | 113 | 6 | 1 | 83,080 | 73,845 | 1,666 |
| 171 | 119 | 6 | 1 | 83,645 | 73,587 | 1,588 |
| 171 | 125 | 6 | 1 | 84,047 | 75,579 | 1,510 |
| 171 | 131 | 6 | 1 | 84,162 | 69,993 | 1,434 |
| 171 | 137 | 6 | 1 | 84,923 | 70,702 | 1,360 |
| 171 | 143 | 6 | 1 | 85,781 | 72,637 | 1,290 |
| 171 | 149 | 6 | 1 | 86,101 | 70,052 | 1,225 |
| 171 | 155 | 6 | 1 | 86,117 | 69,062 | 1,166 |
| 171 | 161 | 6 | 1 | 87,187 | 70,993 | 1,111 |
| 171 | 167 | 6 | 1 | 87,282 | 68,507 | 1,062 |
| 174 | -100 | 6 | 1 | 90,414 | 45,208 | 0,675 |
| 174 | -94 | 6 | 1 | 89,874 | 43,502 | 0,700 |
| 174 | -88 | 6 | 1 | 88,572 | 44,287 | 0,726 |
| 174 | -82 | 6 | 1 | 88,709 | 49,981 | 0,755 |
| 174 | -76 | 6 | 1 | 88,078 | 48,572 | 0,786 |
| 174 | -70 | 6 | 1 | 86,943 | 48,852 | 0,818 |
| 174 | -64 | 6 | 1 | 86,296 | 57,397 | 0,853 |
| 174 | -58 | 6 | 1 | 85,939 | 57,352 | 0,888 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 174 | -52 | 6 | 1 | 85,309 | 60,429 | 0,924 |
| 174 | -46 | 6 | 1 | 84,536 | 63,536 | 0,961 |
| 174 | -40 | 6 | 1 | 83,719 | 64,447 | 0,998 |
| 174 | -34 | 6 | 1 | 82,929 | 65,547 | 1,035 |
| 174 | -28 | 6 | 1 | 82,213 | 66,155 | 1,072 |
| 174 | -22 | 6 | 1 | 81,599 | 66,352 | 1,111 |
| 174 | -16 | 6 | 1 | 81,101 | 66,208 | 1,153 |
| 174 | -10 | 6 | 1 | 80,716 | 65,786 | 1,199 |
| 174 | -4 | 6 | 1 | 80,434 | 65,140 | 1,250 |
| 174 | 2 | 6 | 1 | 80,233 | 64,320 | 1,309 |
| 174 | 8 | 6 | 1 | 80,090 | 63,372 | 1,374 |
| 174 | 14 | 6 | 1 | 79,976 | 62,340 | 1,444 |
| 174 | 20 | 6 | 1 | 79,867 | 61,266 | 1,519 |
| 174 | 26 | 6 | 1 | 79,744 | 68,914 | 1,597 |
| 174 | 32 | 6 | 1 | 79,597 | 70,740 | 1,676 |
| 174 | 38 | 6 | 1 | 79,423 | 71,611 | 1,751 |
| 174 | 44 | 6 | 1 | 79,235 | 74,138 | 1,819 |
| 174 | 50 | 6 | 1 | 79,050 | 73,500 | 1,876 |
| 174 | 56 | 6 | 1 | 79,367 | 74,117 | 1,920 |
| 174 | 62 | 6 | 1 | 79,702 | 74,832 | 1,950 |
| 174 | 68 | 6 | 1 | 80,018 | 74,904 | 1,964 |
| 174 | 74 | 6 | 1 | 80,328 | 74,798 | 1,962 |
| 174 | 80 | 6 | 1 | 80,640 | 74,734 | 1,944 |
| 174 | 86 | 6 | 1 | 80,957 | 74,715 | 1,911 |
| 174 | 92 | 6 | 1 | 81,271 | 74,740 | 1,866 |
| 174 | 98 | 6 | 1 | 81,563 | 74,797 | 1,811 |
| 174 | 104 | 6 | 1 | 81,797 | 75,687 | 1,748 |
| 174 | 110 | 6 | 1 | 82,197 | 76,096 | 1,679 |
| 174 | 116 | 6 | 1 | 83,003 | 75,197 | 1,605 |
| 174 | 122 | 6 | 1 | 83,731 | 73,817 | 1,530 |
| 174 | 128 | 6 | 1 | 84,275 | 74,169 | 1,455 |
| 174 | 134 | 6 | 1 | 84,501 | 69,330 | 1,382 |
| 174 | 140 | 6 | 1 | 84,687 | 69,112 | 1,312 |
| 174 | 146 | 6 | 1 | 85,704 | 71,445 | 1,245 |
| 174 | 152 | 6 | 1 | 86,131 | 70,510 | 1,184 |
| 174 | 158 | 6 | 1 | 85,802 | 67,673 | 1,127 |
| 174 | 164 | 6 | 1 | 86,988 | 69,912 | 1,075 |
| 174 | 170 | 6 | 1 | 87,121 | 68,302 | 1,029 |
| 177 | -97 | 6 | 1 | 89,621 | 42,425 | 0,678 |
| 177 | -91 | 6 | 1 | 88,698 | 44,350 | 0,703 |
| 177 | -85 | 6 | 1 | 88,748 | 47,578 | 0,730 |
| 177 | -79 | 6 | 1 | 87,972 | 45,741 | 0,759 |
| 177 | -73 | 6 | 1 | 86,692 | 50,079 | 0,790 |
| 177 | -67 | 6 | 1 | 86,676 | 54,592 | 0,823 |
| 177 | -61 | 6 | 1 | 86,183 | 59,201 | 0,857 |
| 177 | -55 | 6 | 1 | 85,395 | 62,546 | 0,892 |
| 177 | -49 | 6 | 1 | 84,452 | 60,914 | 0,927 |
| 177 | -43 | 6 | 1 | 83,489 | 67,011 | 0,962 |
| 177 | -37 | 6 | 1 | 83,167 | 68,154 | 0,998 |
| 177 | -31 | 6 | 1 | 82,747 | 66,944 | 1,033 |
| 177 | -25 | 6 | 1 | 82,288 | 65,973 | 1,070 |
| 177 | -19 | 6 | 1 | 81,825 | 65,229 | 1,108 |
| 177 | -13 | 6 | 1 | 81,379 | 64,702 | 1,150 |
| 177 | -7 | 6 | 1 | 80,958 | 64,381 | 1,197 |

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 177 | -1 | 6 | 1 | 80,559 | 64,257 | 1,250 |
| 177 | 5 | 6 | 1 | 80,174 | 64,321 | 1,309 |
| 177 | 11 | 6 | 1 | 79,795 | 64,559 | 1,375 |
| 177 | 17 | 6 | 1 | 79,411 | 64,954 | 1,445 |
| 177 | 23 | 6 | 1 | 79,332 | 65,484 | 1,520 |
| 177 | 29 | 6 | 1 | 79,464 | 66,121 | 1,596 |
| 177 | 35 | 6 | 1 | 79,599 | 71,769 | 1,671 |
| 177 | 41 | 6 | 1 | 79,729 | 74,269 | 1,742 |
| 177 | 47 | 6 | 1 | 79,852 | 74,017 | 1,803 |
| 177 | 53 | 6 | 1 | 79,976 | 73,778 | 1,853 |
| 177 | 59 | 6 | 1 | 80,110 | 73,563 | 1,890 |
| 177 | 65 | 6 | 1 | 80,268 | 73,568 | 1,912 |
| 177 | 71 | 6 | 1 | 80,464 | 73,559 | 1,920 |
| 177 | 77 | 6 | 1 | 80,707 | 73,478 | 1,911 |
| 177 | 83 | 6 | 1 | 81,000 | 73,314 | 1,889 |
| 177 | 89 | 6 | 1 | 81,339 | 73,243 | 1,853 |
| 177 | 95 | 6 | 1 | 81,706 | 73,360 | 1,806 |
| 177 | 101 | 6 | 1 | 82,071 | 73,523 | 1,750 |
| 177 | 107 | 6 | 1 | 82,390 | 73,919 | 1,687 |
| 177 | 113 | 6 | 1 | 82,598 | 75,470 | 1,619 |
| 177 | 119 | 6 | 1 | 82,690 | 76,713 | 1,548 |
| 177 | 125 | 6 | 1 | 83,617 | 75,216 | 1,476 |
| 177 | 131 | 6 | 1 | 84,337 | 72,625 | 1,403 |
| 177 | 137 | 6 | 1 | 84,706 | 70,174 | 1,333 |
| 177 | 143 | 6 | 1 | 84,544 | 67,411 | 1,266 |
| 177 | 149 | 6 | 1 | 85,534 | 70,895 | 1,203 |
| 177 | 155 | 6 | 1 | 86,089 | 70,911 | 1,144 |
| 177 | 161 | 6 | 1 | 85,724 | 66,222 | 1,090 |
| 177 | 167 | 6 | 1 | 86,738 | 69,180 | 1,042 |
| 180 | -100 | 6 | 1 | 89,296 | 42,115 | 0,657 |
| 180 | -94 | 6 | 1 | 88,749 | 44,375 | 0,681 |
| 180 | -88 | 6 | 1 | 88,689 | 45,230 | 0,707 |
| 180 | -82 | 6 | 1 | 87,747 | 45,243 | 0,734 |
| 180 | -76 | 6 | 1 | 87,042 | 51,262 | 0,764 |
| 180 | -70 | 6 | 1 | 86,892 | 51,660 | 0,795 |
| 180 | -64 | 6 | 1 | 86,231 | 58,834 | 0,827 |
| 180 | -58 | 6 | 1 | 85,251 | 60,009 | 0,861 |
| 180 | -52 | 6 | 1 | 84,430 | 58,062 | 0,894 |
| 180 | -46 | 6 | 1 | 84,187 | 64,334 | 0,928 |
| 180 | -40 | 6 | 1 | 83,763 | 65,664 | 0,963 |
| 180 | -34 | 6 | 1 | 83,248 | 64,309 | 0,997 |
| 180 | -28 | 6 | 1 | 82,707 | 63,200 | 1,031 |
| 180 | -22 | 6 | 1 | 82,187 | 62,319 | 1,067 |
| 180 | -16 | 6 | 1 | 81,715 | 62,407 | 1,105 |
| 180 | -10 | 6 | 1 | 81,306 | 62,534 | 1,147 |
| 180 | -4 | 6 | 1 | 80,963 | 62,405 | 1,195 |
| 180 | 2 | 6 | 1 | 80,683 | 62,076 | 1,250 |
| 180 | 8 | 6 | 1 | 80,456 | 61,597 | 1,310 |
| 180 | 14 | 6 | 1 | 80,271 | 61,013 | 1,376 |
| 180 | 20 | 6 | 1 | 80,115 | 61,194 | 1,447 |
| 180 | 26 | 6 | 1 | 79,979 | 68,772 | 1,520 |
| 180 | 32 | 6 | 1 | 79,858 | 70,918 | 1,594 |
| 180 | 38 | 6 | 1 | 79,753 | 71,439 | 1,665 |
| 180 | 44 | 6 | 1 | 79,669 | 74,013 | 1,729 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 180 | 50 | 6 | 1 | 79,616 | 74,057 | 1,784 |
| 180 | 56 | 6 | 1 | 79,609 | 74,076 | 1,827 |
| 180 | 62 | 6 | 1 | 79,663 | 74,066 | 1,857 |
| 180 | 68 | 6 | 1 | 79,791 | 74,021 | 1,873 |
| 180 | 74 | 6 | 1 | 80,003 | 74,039 | 1,874 |
| 180 | 80 | 6 | 1 | 80,304 | 74,176 | 1,861 |
| 180 | 86 | 6 | 1 | 80,690 | 74,164 | 1,834 |
| 180 | 92 | 6 | 1 | 81,149 | 73,969 | 1,796 |
| 180 | 98 | 6 | 1 | 81,655 | 73,542 | 1,747 |
| 180 | 104 | 6 | 1 | 82,170 | 72,822 | 1,691 |
| 180 | 110 | 6 | 1 | 82,640 | 72,347 | 1,629 |
| 180 | 116 | 6 | 1 | 82,992 | 73,773 | 1,563 |
| 180 | 122 | 6 | 1 | 83,132 | 75,743 | 1,493 |
| 180 | 128 | 6 | 1 | 83,319 | 76,480 | 1,423 |
| 180 | 134 | 6 | 1 | 84,244 | 70,949 | 1,354 |
| 180 | 140 | 6 | 1 | 84,783 | 71,173 | 1,286 |
| 180 | 146 | 6 | 1 | 84,745 | 67,150 | 1,222 |
| 180 | 152 | 6 | 1 | 85,278 | 69,370 | 1,162 |
| 180 | 158 | 6 | 1 | 85,976 | 69,714 | 1,107 |
| 180 | 164 | 6 | 1 | 85,686 | 65,619 | 1,056 |
| 180 | 170 | 6 | 1 | 86,441 | 68,437 | 1,009 |
| 183 | -97 | 6 | 1 | 88,726 | 44,364 | 0,659 |
| 183 | -91 | 6 | 1 | 88,536 | 43,812 | 0,684 |
| 183 | -85 | 6 | 1 | 87,405 | 46,067 | 0,710 |
| 183 | -79 | 6 | 1 | 87,263 | 51,758 | 0,739 |
| 183 | -73 | 6 | 1 | 86,951 | 48,641 | 0,768 |
| 183 | -67 | 6 | 1 | 86,093 | 56,548 | 0,799 |
| 183 | -61 | 6 | 1 | 85,040 | 57,134 | 0,831 |
| 183 | -55 | 6 | 1 | 84,964 | 54,997 | 0,864 |
| 183 | -49 | 6 | 1 | 84,570 | 64,342 | 0,897 |
| 183 | -43 | 6 | 1 | 83,985 | 62,971 | 0,929 |
| 183 | -37 | 6 | 1 | 83,308 | 62,773 | 0,962 |
| 183 | -31 | 6 | 1 | 82,612 | 64,256 | 0,995 |
| 183 | -25 | 6 | 1 | 81,948 | 65,273 | 1,028 |
| 183 | -19 | 6 | 1 | 81,351 | 65,901 | 1,064 |
| 183 | -13 | 6 | 1 | 80,889 | 66,210 | 1,102 |
| 183 | -7 | 6 | 1 | 80,571 | 66,261 | 1,145 |
| 183 | -1 | 6 | 1 | 80,250 | 66,093 | 1,195 |
| 183 | 5 | 6 | 1 | 79,933 | 65,803 | 1,250 |
| 183 | 11 | 6 | 1 | 79,754 | 65,384 | 1,312 |
| 183 | 17 | 6 | 1 | 79,683 | 64,893 | 1,378 |
| 183 | 23 | 6 | 1 | 79,665 | 66,103 | 1,447 |
| 183 | 29 | 6 | 1 | 79,689 | 66,389 | 1,519 |
| 183 | 35 | 6 | 1 | 79,743 | 72,153 | 1,590 |
| 183 | 41 | 6 | 1 | 79,820 | 73,393 | 1,656 |
| 183 | 47 | 6 | 1 | 79,916 | 73,253 | 1,715 |
| 183 | 53 | 6 | 1 | 80,031 | 73,128 | 1,763 |
| 183 | 59 | 6 | 1 | 80,166 | 73,027 | 1,799 |
| 183 | 65 | 6 | 1 | 80,322 | 72,957 | 1,823 |
| 183 | 71 | 6 | 1 | 80,498 | 72,923 | 1,833 |
| 183 | 77 | 6 | 1 | 80,691 | 72,927 | 1,828 |
| 183 | 83 | 6 | 1 | 80,889 | 72,967 | 1,810 |
| 183 | 89 | 6 | 1 | 81,073 | 73,366 | 1,780 |
| 183 | 95 | 6 | 1 | 81,213 | 74,377 | 1,740 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 183 | 101 | 6 | 1 | 81,268 | 75,568 | 1,691 |
| 183 | 107 | 6 | 1 | 81,904 | 74,831 | 1,635 |
| 183 | 113 | 6 | 1 | 82,579 | 73,620 | 1,574 |
| 183 | 119 | 6 | 1 | 83,125 | 71,934 | 1,509 |
| 183 | 125 | 6 | 1 | 83,437 | 74,139 | 1,441 |
| 183 | 131 | 6 | 1 | 83,387 | 76,501 | 1,373 |
| 183 | 137 | 6 | 1 | 84,005 | 69,147 | 1,307 |
| 183 | 143 | 6 | 1 | 84,740 | 72,099 | 1,242 |
| 183 | 149 | 6 | 1 | 84,848 | 67,897 | 1,181 |
| 183 | 155 | 6 | 1 | 84,937 | 67,763 | 1,124 |
| 183 | 161 | 6 | 1 | 85,798 | 68,495 | 1,071 |
| 183 | 167 | 6 | 1 | 85,597 | 65,735 | 1,023 |
| 186 | -100 | 6 | 1 | 88,633 | 44,317 | 0,639 |
| 186 | -94 | 6 | 1 | 88,291 | 41,628 | 0,663 |
| 186 | -88 | 6 | 1 | 87,013 | 46,858 | 0,688 |
| 186 | -82 | 6 | 1 | 87,360 | 48,942 | 0,715 |
| 186 | -76 | 6 | 1 | 86,860 | 45,574 | 0,743 |
| 186 | -70 | 6 | 1 | 85,777 | 56,873 | 0,773 |
| 186 | -64 | 6 | 1 | 85,499 | 54,097 | 0,803 |
| 186 | -58 | 6 | 1 | 85,249 | 56,894 | 0,835 |
| 186 | -52 | 6 | 1 | 84,660 | 62,005 | 0,866 |
| 186 | -46 | 6 | 1 | 83,867 | 63,331 | 0,898 |
| 186 | -40 | 6 | 1 | 82,976 | 65,550 | 0,929 |
| 186 | -34 | 6 | 1 | 82,640 | 67,208 | 0,960 |
| 186 | -28 | 6 | 1 | 82,388 | 65,973 | 0,992 |
| 186 | -22 | 6 | 1 | 82,069 | 64,834 | 1,025 |
| 186 | -16 | 6 | 1 | 81,729 | 63,902 | 1,060 |
| 186 | -10 | 6 | 1 | 81,396 | 63,162 | 1,099 |
| 186 | -4 | 6 | 1 | 81,088 | 62,598 | 1,144 |
| 186 | 2 | 6 | 1 | 80,817 | 62,195 | 1,195 |
| 186 | 8 | 6 | 1 | 80,584 | 61,938 | 1,251 |
| 186 | 14 | 6 | 1 | 80,390 | 61,809 | 1,313 |
| 186 | 20 | 6 | 1 | 80,232 | 61,790 | 1,379 |
| 186 | 26 | 6 | 1 | 80,109 | 68,497 | 1,448 |
| 186 | 32 | 6 | 1 | 80,019 | 70,988 | 1,517 |
| 186 | 38 | 6 | 1 | 79,964 | 71,179 | 1,584 |
| 186 | 44 | 6 | 1 | 79,946 | 72,762 | 1,646 |
| 186 | 50 | 6 | 1 | 79,969 | 72,716 | 1,698 |
| 186 | 56 | 6 | 1 | 80,040 | 72,645 | 1,740 |
| 186 | 62 | 6 | 1 | 80,162 | 72,540 | 1,770 |
| 186 | 68 | 6 | 1 | 80,338 | 72,389 | 1,788 |
| 186 | 74 | 6 | 1 | 80,566 | 72,179 | 1,791 |
| 186 | 80 | 6 | 1 | 80,837 | 71,893 | 1,782 |
| 186 | 86 | 6 | 1 | 81,136 | 71,509 | 1,760 |
| 186 | 92 | 6 | 1 | 81,438 | 71,570 | 1,728 |
| 186 | 98 | 6 | 1 | 81,707 | 72,139 | 1,686 |
| 186 | 104 | 6 | 1 | 81,891 | 73,580 | 1,636 |
| 186 | 110 | 6 | 1 | 81,926 | 75,189 | 1,581 |
| 186 | 116 | 6 | 1 | 82,237 | 75,320 | 1,520 |
| 186 | 122 | 6 | 1 | 83,016 | 73,541 | 1,457 |
| 186 | 128 | 6 | 1 | 83,539 | 72,386 | 1,391 |
| 186 | 134 | 6 | 1 | 83,667 | 75,020 | 1,326 |
| 186 | 140 | 6 | 1 | 83,627 | 67,224 | 1,262 |
| 186 | 146 | 6 | 1 | 84,581 | 70,688 | 1,200 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 186 | 152 | 6 | 1 | 84,860 | 68,592 | 1,142 |
| 186 | 158 | 6 | 1 | 84,516 | 66,085 | 1,087 |
| 186 | 164 | 6 | 1 | 85,556 | 67,261 | 1,037 |
| 186 | 170 | 6 | 1 | 85,460 | 65,825 | 0,991 |
| 189 | -97 | 6 | 1 | 87,959 | 41,110 | 0,642 |
| 189 | -91 | 6 | 1 | 87,151 | 47,186 | 0,666 |
| 189 | -85 | 6 | 1 | 87,336 | 46,107 | 0,692 |
| 189 | -79 | 6 | 1 | 86,623 | 43,312 | 0,719 |
| 189 | -73 | 6 | 1 | 85,675 | 53,955 | 0,747 |
| 189 | -67 | 6 | 1 | 85,760 | 54,367 | 0,777 |
| 189 | -61 | 6 | 1 | 85,300 | 58,939 | 0,807 |
| 189 | -55 | 6 | 1 | 84,477 | 59,058 | 0,837 |
| 189 | -49 | 6 | 1 | 83,537 | 63,358 | 0,867 |
| 189 | -43 | 6 | 1 | 83,480 | 66,299 | 0,898 |
| 189 | -37 | 6 | 1 | 83,205 | 64,528 | 0,928 |
| 189 | -31 | 6 | 1 | 82,801 | 63,005 | 0,958 |
| 189 | -25 | 6 | 1 | 82,338 | 61,714 | 0,989 |
| 189 | -19 | 6 | 1 | 81,863 | 61,913 | 1,021 |
| 189 | -13 | 6 | 1 | 81,412 | 62,781 | 1,057 |
| 189 | -7 | 6 | 1 | 81,006 | 63,353 | 1,097 |
| 189 | -1 | 6 | 1 | 80,659 | 63,689 | 1,143 |
| 189 | 5 | 6 | 1 | 80,375 | 63,842 | 1,195 |
| 189 | 11 | 6 | 1 | 80,154 | 63,859 | 1,253 |
| 189 | 17 | 6 | 1 | 79,993 | 63,784 | 1,315 |
| 189 | 23 | 6 | 1 | 79,884 | 66,571 | 1,380 |
| 189 | 29 | 6 | 1 | 79,820 | 66,524 | 1,447 |
| 189 | 35 | 6 | 1 | 79,795 | 72,406 | 1,514 |
| 189 | 41 | 6 | 1 | 79,802 | 72,458 | 1,577 |
| 189 | 47 | 6 | 1 | 79,835 | 72,408 | 1,633 |
| 189 | 53 | 6 | 1 | 79,888 | 72,376 | 1,679 |
| 189 | 59 | 6 | 1 | 79,955 | 72,574 | 1,715 |
| 189 | 65 | 6 | 1 | 80,029 | 72,904 | 1,739 |
| 189 | 71 | 6 | 1 | 80,098 | 73,377 | 1,751 |
| 189 | 77 | 6 | 1 | 80,147 | 74,002 | 1,750 |
| 189 | 83 | 6 | 1 | 80,291 | 74,377 | 1,736 |
| 189 | 89 | 6 | 1 | 80,778 | 73,857 | 1,711 |
| 189 | 95 | 6 | 1 | 81,278 | 73,113 | 1,676 |
| 189 | 101 | 6 | 1 | 81,747 | 72,083 | 1,634 |
| 189 | 107 | 6 | 1 | 82,128 | 71,399 | 1,584 |
| 189 | 113 | 6 | 1 | 82,348 | 73,269 | 1,529 |
| 189 | 119 | 6 | 1 | 82,315 | 75,284 | 1,469 |
| 189 | 125 | 6 | 1 | 82,684 | 74,997 | 1,407 |
| 189 | 131 | 6 | 1 | 83,451 | 72,514 | 1,344 |
| 189 | 137 | 6 | 1 | 83,789 | 73,407 | 1,281 |
| 189 | 143 | 6 | 1 | 83,520 | 65,220 | 1,219 |
| 189 | 149 | 6 | 1 | 84,313 | 68,949 | 1,160 |
| 189 | 155 | 6 | 1 | 84,783 | 68,215 | 1,104 |
| 189 | 161 | 6 | 1 | 84,257 | 64,345 | 1,052 |
| 189 | 167 | 6 | 1 | 85,253 | 66,574 | 1,005 |
| 192 | -100 | 6 | 1 | 87,542 | 40,560 | 0,623 |
| 192 | -94 | 6 | 1 | 87,197 | 44,952 | 0,645 |
| 192 | -88 | 6 | 1 | 87,197 | 43,282 | 0,670 |
| 192 | -82 | 6 | 1 | 86,245 | 44,211 | 0,696 |
| 192 | -76 | 6 | 1 | 85,955 | 50,955 | 0,723 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 192 | -70 | 6 | 1 | 85,831 | 56,091 | 0,751 |
| 192 | -64 | 6 | 1 | 85,128 | 58,639 | 0,780 |
| 192 | -58 | 6 | 1 | 84,042 | 55,926 | 0,809 |
| 192 | -52 | 6 | 1 | 84,090 | 60,641 | 0,839 |
| 192 | -46 | 6 | 1 | 83,836 | 63,469 | 0,868 |
| 192 | -40 | 6 | 1 | 83,351 | 61,516 | 0,897 |
| 192 | -34 | 6 | 1 | 82,733 | 62,114 | 0,925 |
| 192 | -28 | 6 | 1 | 82,054 | 63,938 | 0,954 |
| 192 | -22 | 6 | 1 | 81,370 | 65,323 | 0,985 |
| 192 | -16 | 6 | 1 | 81,215 | 66,027 | 1,017 |
| 192 | -10 | 6 | 1 | 81,050 | 65,031 | 1,054 |
| 192 | -4 | 6 | 1 | 80,864 | 64,202 | 1,096 |
| 192 | 2 | 6 | 1 | 80,677 | 63,525 | 1,143 |
| 192 | 8 | 6 | 1 | 80,505 | 62,984 | 1,196 |
| 192 | 14 | 6 | 1 | 80,356 | 62,560 | 1,254 |
| 192 | 20 | 6 | 1 | 80,235 | 62,234 | 1,316 |
| 192 | 26 | 6 | 1 | 80,147 | 68,097 | 1,381 |
| 192 | 32 | 6 | 1 | 80,092 | 70,957 | 1,446 |
| 192 | 38 | 6 | 1 | 80,072 | 70,832 | 1,510 |
| 192 | 44 | 6 | 1 | 80,088 | 71,461 | 1,568 |
| 192 | 50 | 6 | 1 | 80,140 | 71,308 | 1,618 |
| 192 | 56 | 6 | 1 | 80,228 | 71,120 | 1,659 |
| 192 | 62 | 6 | 1 | 80,347 | 70,885 | 1,689 |
| 192 | 68 | 6 | 1 | 80,491 | 70,672 | 1,707 |
| 192 | 74 | 6 | 1 | 80,648 | 70,800 | 1,713 |
| 192 | 80 | 6 | 1 | 80,799 | 71,218 | 1,707 |
| 192 | 86 | 6 | 1 | 80,918 | 72,245 | 1,690 |
| 192 | 92 | 6 | 1 | 80,971 | 73,432 | 1,663 |
| 192 | 98 | 6 | 1 | 80,911 | 74,765 | 1,626 |
| 192 | 104 | 6 | 1 | 81,378 | 74,200 | 1,583 |
| 192 | 110 | 6 | 1 | 82,010 | 72,725 | 1,533 |
| 192 | 116 | 6 | 1 | 82,467 | 71,171 | 1,478 |
| 192 | 122 | 6 | 1 | 82,648 | 73,464 | 1,420 |
| 192 | 128 | 6 | 1 | 82,430 | 75,855 | 1,360 |
| 192 | 134 | 6 | 1 | 83,185 | 73,770 | 1,298 |
| 192 | 140 | 6 | 1 | 83,761 | 71,667 | 1,238 |
| 192 | 146 | 6 | 1 | 83,684 | 66,077 | 1,179 |
| 192 | 152 | 6 | 1 | 83,940 | 67,120 | 1,122 |
| 192 | 158 | 6 | 1 | 84,622 | 66,976 | 1,069 |
| 192 | 164 | 6 | 1 | 84,240 | 63,940 | 1,019 |
| 192 | 170 | 6 | 1 | 84,893 | 65,950 | 0,974 |
| 195 | -97 | 6 | 1 | 87,153 | 43,578 | 0,626 |
| 195 | -91 | 6 | 1 | 86,945 | 41,981 | 0,649 |
| 195 | -85 | 6 | 1 | 85,732 | 45,315 | 0,674 |
| 195 | -79 | 6 | 1 | 86,082 | 47,908 | 0,700 |
| 195 | -73 | 6 | 1 | 85,720 | 53,770 | 0,727 |
| 195 | -67 | 6 | 1 | 84,747 | 55,593 | 0,755 |
| 195 | -61 | 6 | 1 | 84,476 | 52,640 | 0,783 |
| 195 | -55 | 6 | 1 | 84,354 | 61,241 | 0,811 |
| 195 | -49 | 6 | 1 | 83,857 | 60,432 | 0,839 |
| 195 | -43 | 6 | 1 | 83,115 | 62,544 | 0,867 |
| 195 | -37 | 6 | 1 | 82,256 | 65,042 | 0,895 |
| 195 | -31 | 6 | 1 | 82,247 | 65,634 | 0,922 |
| 195 | -25 | 6 | 1 | 82,082 | 64,076 | 0,951 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 195 | -19 | 6 | 1 | 81,823 | 62,721 | 0,981 |
| 195 | -13 | 6 | 1 | 81,518 | 61,553 | 1,014 |
| 195 | -7 | 6 | 1 | 81,202 | 60,556 | 1,052 |
| 195 | -1 | 6 | 1 | 80,896 | 61,089 | 1,095 |
| 195 | 5 | 6 | 1 | 80,617 | 61,718 | 1,144 |
| 195 | 11 | 6 | 1 | 80,373 | 62,185 | 1,197 |
| 195 | 17 | 6 | 1 | 80,168 | 62,535 | 1,256 |
| 195 | 23 | 6 | 1 | 80,000 | 66,902 | 1,317 |
| 195 | 29 | 6 | 1 | 79,868 | 66,536 | 1,381 |
| 195 | 35 | 6 | 1 | 79,767 | 71,453 | 1,444 |
| 195 | 41 | 6 | 1 | 79,690 | 72,731 | 1,503 |
| 195 | 47 | 6 | 1 | 79,630 | 72,987 | 1,557 |
| 195 | 53 | 6 | 1 | 79,578 | 73,326 | 1,601 |
| 195 | 59 | 6 | 1 | 79,522 | 73,760 | 1,637 |
| 195 | 65 | 6 | 1 | 79,754 | 73,499 | 1,661 |
| 195 | 71 | 6 | 1 | 80,068 | 73,064 | 1,674 |
| 195 | 77 | 6 | 1 | 80,408 | 72,502 | 1,675 |
| 195 | 83 | 6 | 1 | 80,753 | 71,774 | 1,665 |
| 195 | 89 | 6 | 1 | 81,071 | 70,832 | 1,645 |
| 195 | 95 | 6 | 1 | 81,323 | 70,912 | 1,615 |
| 195 | 101 | 6 | 1 | 81,455 | 72,516 | 1,578 |
| 195 | 107 | 6 | 1 | 81,401 | 74,256 | 1,534 |
| 195 | 113 | 6 | 1 | 81,570 | 74,550 | 1,484 |
| 195 | 119 | 6 | 1 | 82,305 | 72,550 | 1,430 |
| 195 | 125 | 6 | 1 | 82,741 | 71,479 | 1,373 |
| 195 | 131 | 6 | 1 | 82,745 | 74,171 | 1,314 |
| 195 | 137 | 6 | 1 | 82,750 | 74,910 | 1,255 |
| 195 | 143 | 6 | 1 | 83,592 | 69,809 | 1,197 |
| 195 | 149 | 6 | 1 | 83,732 | 67,027 | 1,140 |
| 195 | 155 | 6 | 1 | 83,467 | 65,212 | 1,086 |
| 195 | 161 | 6 | 1 | 84,379 | 65,710 | 1,035 |
| 195 | 167 | 6 | 1 | 84,161 | 64,322 | 0,988 |
| 198 | -100 | 6 | 1 | 87,022 | 42,598 | 0,607 |
| 198 | -94 | 6 | 1 | 86,584 | 42,156 | 0,629 |
| 198 | -88 | 6 | 1 | 85,784 | 46,386 | 0,653 |
| 198 | -82 | 6 | 1 | 86,063 | 44,849 | 0,678 |
| 198 | -76 | 6 | 1 | 85,435 | 52,240 | 0,704 |
| 198 | -70 | 6 | 1 | 84,538 | 52,436 | 0,731 |
| 198 | -64 | 6 | 1 | 84,727 | 53,254 | 0,758 |
| 198 | -58 | 6 | 1 | 84,345 | 59,873 | 0,785 |
| 198 | -52 | 6 | 1 | 83,566 | 61,909 | 0,812 |
| 198 | -46 | 6 | 1 | 82,855 | 65,170 | 0,839 |
| 198 | -40 | 6 | 1 | 82,884 | 64,461 | 0,866 |
| 198 | -34 | 6 | 1 | 82,661 | 62,492 | 0,892 |
| 198 | -28 | 6 | 1 | 82,274 | 60,751 | 0,919 |
| 198 | -22 | 6 | 1 | 81,792 | 61,201 | 0,947 |
| 198 | -16 | 6 | 1 | 81,265 | 62,786 | 0,977 |
| 198 | -10 | 6 | 1 | 80,731 | 64,034 | 1,011 |
| 198 | -4 | 6 | 1 | 80,336 | 65,008 | 1,050 |
| 198 | 2 | 6 | 1 | 80,302 | 64,721 | 1,095 |
| 198 | 8 | 6 | 1 | 80,247 | 63,896 | 1,145 |
| 198 | 14 | 6 | 1 | 80,188 | 63,176 | 1,199 |
| 198 | 20 | 6 | 1 | 80,137 | 62,542 | 1,257 |
| 198 | 26 | 6 | 1 | 80,101 | 67,582 | 1,318 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 198 | 32 | 6 | 1 | 80,084 | 70,580 | 1,380 |
| 198 | 38 | 6 | 1 | 80,088 | 70,400 | 1,440 |
| 198 | 44 | 6 | 1 | 80,113 | 70,122 | 1,495 |
| 198 | 50 | 6 | 1 | 80,155 | 69,845 | 1,544 |
| 198 | 56 | 6 | 1 | 80,209 | 69,820 | 1,583 |
| 198 | 62 | 6 | 1 | 80,264 | 70,424 | 1,613 |
| 198 | 68 | 6 | 1 | 80,307 | 71,210 | 1,632 |
| 198 | 74 | 6 | 1 | 80,318 | 72,119 | 1,640 |
| 198 | 80 | 6 | 1 | 80,271 | 73,152 | 1,636 |
| 198 | 86 | 6 | 1 | 80,131 | 74,304 | 1,623 |
| 198 | 92 | 6 | 1 | 80,670 | 73,325 | 1,600 |
| 198 | 98 | 6 | 1 | 81,186 | 72,034 | 1,569 |
| 198 | 104 | 6 | 1 | 81,575 | 70,389 | 1,531 |
| 198 | 110 | 6 | 1 | 81,762 | 72,077 | 1,486 |
| 198 | 116 | 6 | 1 | 81,657 | 74,214 | 1,437 |
| 198 | 122 | 6 | 1 | 81,883 | 74,149 | 1,384 |
| 198 | 128 | 6 | 1 | 82,609 | 71,495 | 1,328 |
| 198 | 134 | 6 | 1 | 82,870 | 72,338 | 1,271 |
| 198 | 140 | 6 | 1 | 82,497 | 75,368 | 1,214 |
| 198 | 146 | 6 | 1 | 83,287 | 67,843 | 1,157 |
| 198 | 152 | 6 | 1 | 83,669 | 67,915 | 1,103 |
| 198 | 158 | 6 | 1 | 83,054 | 63,236 | 1,051 |
| 198 | 164 | 6 | 1 | 84,060 | 64,966 | 1,003 |
| 198 | 170 | 6 | 1 | 84,022 | 64,672 | 0,958 |
| 201 | -97 | 6 | 1 | 86,118 | 42,285 | 0,610 |
| 201 | -91 | 6 | 1 | 85,866 | 46,291 | 0,633 |
| 201 | -85 | 6 | 1 | 85,901 | 42,952 | 0,657 |
| 201 | -79 | 6 | 1 | 84,983 | 52,811 | 0,682 |
| 201 | -73 | 6 | 1 | 84,828 | 49,590 | 0,708 |
| 201 | -67 | 6 | 1 | 84,755 | 55,229 | 0,734 |
| 201 | -61 | 6 | 1 | 84,079 | 56,705 | 0,760 |
| 201 | -55 | 6 | 1 | 83,180 | 59,658 | 0,787 |
| 201 | -49 | 6 | 1 | 83,339 | 63,741 | 0,813 |
| 201 | -43 | 6 | 1 | 83,112 | 61,311 | 0,838 |
| 201 | -37 | 6 | 1 | 82,618 | 59,802 | 0,863 |
| 201 | -31 | 6 | 1 | 81,953 | 62,412 | 0,889 |
| 201 | -25 | 6 | 1 | 81,248 | 64,533 | 0,915 |
| 201 | -19 | 6 | 1 | 81,290 | 64,694 | 0,943 |
| 201 | -13 | 6 | 1 | 81,213 | 63,256 | 0,974 |
| 201 | -7 | 6 | 1 | 81,059 | 61,977 | 1,009 |
| 201 | -1 | 6 | 1 | 80,864 | 60,841 | 1,050 |
| 201 | 5 | 6 | 1 | 80,650 | 59,830 | 1,095 |
| 201 | 11 | 6 | 1 | 80,433 | 60,374 | 1,146 |
| 201 | 17 | 6 | 1 | 80,223 | 61,157 | 1,201 |
| 201 | 23 | 6 | 1 | 80,026 | 67,111 | 1,259 |
| 201 | 29 | 6 | 1 | 79,840 | 66,434 | 1,319 |
| 201 | 35 | 6 | 1 | 79,665 | 70,367 | 1,378 |
| 201 | 41 | 6 | 1 | 79,494 | 73,028 | 1,435 |
| 201 | 47 | 6 | 1 | 79,319 | 73,535 | 1,486 |
| 201 | 53 | 6 | 1 | 79,534 | 73,055 | 1,529 |
| 201 | 59 | 6 | 1 | 79,788 | 72,472 | 1,563 |
| 201 | 65 | 6 | 1 | 80,050 | 71,804 | 1,587 |
| 201 | 71 | 6 | 1 | 80,304 | 71,018 | 1,601 |
| 201 | 77 | 6 | 1 | 80,529 | 70,077 | 1,605 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 201 | 83 | 6 | 1 | 80,695 | 70,272 | 1,598 |
| 201 | 89 | 6 | 1 | 80,763 | 71,704 | 1,581 |
| 201 | 95 | 6 | 1 | 80,685 | 73,254 | 1,556 |
| 201 | 101 | 6 | 1 | 80,609 | 74,185 | 1,524 |
| 201 | 107 | 6 | 1 | 81,303 | 72,504 | 1,485 |
| 201 | 113 | 6 | 1 | 81,781 | 70,360 | 1,440 |
| 201 | 119 | 6 | 1 | 81,943 | 72,143 | 1,392 |
| 201 | 125 | 6 | 1 | 81,672 | 74,649 | 1,340 |
| 201 | 131 | 6 | 1 | 82,266 | 72,912 | 1,285 |
| 201 | 137 | 6 | 1 | 82,814 | 70,367 | 1,230 |
| 201 | 143 | 6 | 1 | 82,685 | 73,728 | 1,174 |
| 201 | 149 | 6 | 1 | 82,853 | 65,779 | 1,120 |
| 201 | 155 | 6 | 1 | 83,500 | 68,743 | 1,068 |
| 201 | 161 | 6 | 1 | 83,087 | 62,906 | 1,018 |
| 201 | 167 | 6 | 1 | 83,666 | 64,446 | 0,972 |
| 204 | -100 | 6 | 1 | 85,552 | 42,370 | 0,592 |
| 204 | -94 | 6 | 1 | 85,835 | 43,502 | 0,614 |
| 204 | -88 | 6 | 1 | 85,602 | 42,802 | 0,637 |
| 204 | -82 | 6 | 1 | 84,435 | 50,069 | 0,661 |
| 204 | -76 | 6 | 1 | 84,934 | 51,257 | 0,685 |
| 204 | -70 | 6 | 1 | 84,568 | 56,929 | 0,711 |
| 204 | -64 | 6 | 1 | 83,571 | 53,404 | 0,736 |
| 204 | -58 | 6 | 1 | 83,614 | 57,346 | 0,762 |
| 204 | -52 | 6 | 1 | 83,494 | 60,621 | 0,787 |
| 204 | -46 | 6 | 1 | 82,967 | 59,396 | 0,812 |
| 204 | -40 | 6 | 1 | 82,160 | 62,707 | 0,836 |
| 204 | -34 | 6 | 1 | 81,905 | 65,013 | 0,860 |
| 204 | -28 | 6 | 1 | 81,900 | 63,008 | 0,885 |
| 204 | -22 | 6 | 1 | 81,706 | 61,197 | 0,911 |
| 204 | -16 | 6 | 1 | 81,385 | 59,568 | 0,939 |
| 204 | -10 | 6 | 1 | 80,985 | 60,829 | 0,971 |
| 204 | -4 | 6 | 1 | 80,542 | 62,309 | 1,008 |
| 204 | 2 | 6 | 1 | 80,080 | 63,538 | 1,049 |
| 204 | 8 | 6 | 1 | 79,832 | 64,572 | 1,096 |
| 204 | 14 | 6 | 1 | 79,902 | 63,670 | 1,148 |
| 204 | 20 | 6 | 1 | 79,948 | 62,729 | 1,203 |
| 204 | 26 | 6 | 1 | 79,980 | 66,963 | 1,260 |
| 204 | 32 | 6 | 1 | 80,005 | 69,431 | 1,318 |
| 204 | 38 | 6 | 1 | 80,024 | 69,886 | 1,375 |
| 204 | 44 | 6 | 1 | 80,036 | 69,147 | 1,428 |
| 204 | 50 | 6 | 1 | 80,036 | 69,826 | 1,474 |
| 204 | 56 | 6 | 1 | 80,013 | 70,655 | 1,512 |
| 204 | 62 | 6 | 1 | 79,953 | 71,561 | 1,541 |
| 204 | 68 | 6 | 1 | 79,837 | 72,551 | 1,561 |
| 204 | 74 | 6 | 1 | 79,640 | 73,625 | 1,570 |
| 204 | 80 | 6 | 1 | 80,036 | 72,878 | 1,569 |
| 204 | 86 | 6 | 1 | 80,487 | 71,675 | 1,559 |
| 204 | 92 | 6 | 1 | 80,836 | 70,204 | 1,540 |
| 204 | 98 | 6 | 1 | 81,026 | 70,690 | 1,513 |
| 204 | 104 | 6 | 1 | 80,993 | 72,640 | 1,480 |
| 204 | 110 | 6 | 1 | 80,676 | 74,387 | 1,440 |
| 204 | 116 | 6 | 1 | 81,484 | 72,234 | 1,396 |
| 204 | 122 | 6 | 1 | 81,954 | 69,894 | 1,348 |
| 204 | 128 | 6 | 1 | 81,958 | 72,726 | 1,297 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 204 | 134 | 6 | 1 | 81,724 | 74,193 | 1,244 |
| 204 | 140 | 6 | 1 | 82,588 | 70,695 | 1,190 |
| 204 | 146 | 6 | 1 | 82,730 | 71,966 | 1,136 |
| 204 | 152 | 6 | 1 | 82,297 | 63,630 | 1,084 |
| 204 | 158 | 6 | 1 | 83,229 | 68,222 | 1,034 |
| 204 | 164 | 6 | 1 | 83,039 | 63,548 | 0,987 |
| 204 | 170 | 6 | 1 | 83,203 | 63,898 | 0,942 |
| 207 | -97 | 6 | 1 | 85,695 | 41,217 | 0,596 |
| 207 | -91 | 6 | 1 | 85,171 | 42,587 | 0,617 |
| 207 | -85 | 6 | 1 | 84,642 | 47,037 | 0,640 |
| 207 | -79 | 6 | 1 | 84,864 | 51,459 | 0,664 |
| 207 | -73 | 6 | 1 | 84,177 | 53,793 | 0,689 |
| 207 | -67 | 6 | 1 | 83,622 | 50,009 | 0,714 |
| 207 | -61 | 6 | 1 | 83,778 | 58,239 | 0,738 |
| 207 | -55 | 6 | 1 | 83,342 | 57,924 | 0,763 |
| 207 | -49 | 6 | 1 | 82,478 | 62,025 | 0,787 |
| 207 | -43 | 6 | 1 | 82,329 | 64,164 | 0,810 |
| 207 | -37 | 6 | 1 | 82,322 | 61,724 | 0,833 |
| 207 | -31 | 6 | 1 | 82,028 | 59,500 | 0,857 |
| 207 | -25 | 6 | 1 | 81,534 | 60,320 | 0,881 |
| 207 | -19 | 6 | 1 | 80,906 | 62,597 | 0,907 |
| 207 | -13 | 6 | 1 | 80,544 | 64,489 | 0,936 |
| 207 | -7 | 6 | 1 | 80,620 | 63,297 | 0,969 |
| 207 | -1 | 6 | 1 | 80,595 | 61,875 | 1,007 |
| 207 | 5 | 6 | 1 | 80,498 | 60,566 | 1,050 |
| 207 | 11 | 6 | 1 | 80,353 | 59,350 | 1,098 |
| 207 | 17 | 6 | 1 | 80,174 | 59,664 | 1,149 |
| 207 | 23 | 6 | 1 | 79,970 | 67,210 | 1,204 |
| 207 | 29 | 6 | 1 | 79,745 | 66,230 | 1,261 |
| 207 | 35 | 6 | 1 | 79,498 | 69,263 | 1,317 |
| 207 | 41 | 6 | 1 | 79,224 | 73,218 | 1,371 |
| 207 | 47 | 6 | 1 | 79,396 | 72,734 | 1,419 |
| 207 | 53 | 6 | 1 | 79,657 | 71,909 | 1,461 |
| 207 | 59 | 6 | 1 | 79,892 | 71,004 | 1,494 |
| 207 | 65 | 6 | 1 | 80,086 | 69,989 | 1,518 |
| 207 | 71 | 6 | 1 | 80,219 | 69,271 | 1,533 |
| 207 | 77 | 6 | 1 | 80,262 | 70,636 | 1,538 |
| 207 | 83 | 6 | 1 | 80,181 | 72,093 | 1,534 |
| 207 | 89 | 6 | 1 | 79,931 | 73,626 | 1,520 |
| 207 | 95 | 6 | 1 | 80,395 | 72,606 | 1,499 |
| 207 | 101 | 6 | 1 | 80,910 | 70,769 | 1,471 |
| 207 | 107 | 6 | 1 | 81,184 | 70,155 | 1,437 |
| 207 | 113 | 6 | 1 | 81,127 | 72,498 | 1,398 |
| 207 | 119 | 6 | 1 | 80,894 | 73,913 | 1,354 |
| 207 | 125 | 6 | 1 | 81,706 | 71,162 | 1,306 |
| 207 | 131 | 6 | 1 | 82,021 | 70,641 | 1,256 |
| 207 | 137 | 6 | 1 | 81,678 | 73,808 | 1,204 |
| 207 | 143 | 6 | 1 | 82,199 | 71,850 | 1,152 |
| 207 | 149 | 6 | 1 | 82,638 | 70,094 | 1,100 |
| 207 | 155 | 6 | 1 | 82,077 | 61,678 | 1,050 |
| 207 | 161 | 6 | 1 | 82,860 | 66,335 | 1,002 |
| 207 | 167 | 6 | 1 | 82,913 | 63,842 | 0,957 |
| 210 | -100 | 6 | 1 | 85,449 | 40,662 | 0,578 |
| 210 | -94 | 6 | 1 | 84,612 | 42,307 | 0,599 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 210 | -88 | 6 | 1 | 84,708 | 44,018 | 0,621 |
| 210 | -82 | 6 | 1 | 84,625 | 48,990 | 0,644 |
| 210 | -76 | 6 | 1 | 83,592 | 50,592 | 0,668 |
| 210 | -70 | 6 | 1 | 83,849 | 49,638 | 0,692 |
| 210 | -64 | 6 | 1 | 83,685 | 57,346 | 0,716 |
| 210 | -58 | 6 | 1 | 82,899 | 58,603 | 0,739 |
| 210 | -52 | 6 | 1 | 82,549 | 63,824 | 0,763 |
| 210 | -46 | 6 | 1 | 82,635 | 60,911 | 0,785 |
| 210 | -40 | 6 | 1 | 82,305 | 58,228 | 0,808 |
| 210 | -34 | 6 | 1 | 81,673 | 60,747 | 0,830 |
| 210 | -28 | 6 | 1 | 80,990 | 63,579 | 0,853 |
| 210 | -22 | 6 | 1 | 81,160 | 63,066 | 0,877 |
| 210 | -16 | 6 | 1 | 81,118 | 61,157 | 0,903 |
| 210 | -10 | 6 | 1 | 80,920 | 59,399 | 0,933 |
| 210 | -4 | 6 | 1 | 80,610 | 59,475 | 0,968 |
| 210 | 2 | 6 | 1 | 80,222 | 61,186 | 1,007 |
| 210 | 8 | 6 | 1 | 79,778 | 62,672 | 1,051 |
| 210 | 14 | 6 | 1 | 79,510 | 63,982 | 1,099 |
| 210 | 20 | 6 | 1 | 79,677 | 62,810 | 1,151 |
| 210 | 26 | 6 | 1 | 79,792 | 66,250 | 1,206 |
| 210 | 32 | 6 | 1 | 79,862 | 68,267 | 1,261 |
| 210 | 38 | 6 | 1 | 79,889 | 69,294 | 1,315 |
| 210 | 44 | 6 | 1 | 79,871 | 69,309 | 1,365 |
| 210 | 50 | 6 | 1 | 79,800 | 70,343 | 1,409 |
| 210 | 56 | 6 | 1 | 79,665 | 71,412 | 1,446 |
| 210 | 62 | 6 | 1 | 79,447 | 72,524 | 1,475 |
| 210 | 68 | 6 | 1 | 79,376 | 72,997 | 1,494 |
| 210 | 74 | 6 | 1 | 79,830 | 71,812 | 1,505 |
| 210 | 80 | 6 | 1 | 80,189 | 70,421 | 1,506 |
| 210 | 86 | 6 | 1 | 80,413 | 69,105 | 1,498 |
| 210 | 92 | 6 | 1 | 80,451 | 70,953 | 1,482 |
| 210 | 98 | 6 | 1 | 80,244 | 72,870 | 1,459 |
| 210 | 104 | 6 | 1 | 80,374 | 72,894 | 1,430 |
| 210 | 110 | 6 | 1 | 81,000 | 70,618 | 1,396 |
| 210 | 116 | 6 | 1 | 81,273 | 70,133 | 1,356 |
| 210 | 122 | 6 | 1 | 81,076 | 72,845 | 1,313 |
| 210 | 128 | 6 | 1 | 81,216 | 72,686 | 1,266 |
| 210 | 134 | 6 | 1 | 81,874 | 69,175 | 1,217 |
| 210 | 140 | 6 | 1 | 81,831 | 71,929 | 1,166 |
| 210 | 146 | 6 | 1 | 81,656 | 72,901 | 1,116 |
| 210 | 152 | 6 | 1 | 82,416 | 68,121 | 1,066 |
| 210 | 158 | 6 | 1 | 82,118 | 62,597 | 1,018 |
| 210 | 164 | 6 | 1 | 82,398 | 64,385 | 0,971 |
| 210 | 170 | 6 | 1 | 82,712 | 62,689 | 0,928 |
| 213 | -97 | 6 | 1 | 83,932 | 41,967 | 0,582 |
| 213 | -91 | 6 | 1 | 84,635 | 42,319 | 0,603 |
| 213 | -85 | 6 | 1 | 84,222 | 48,276 | 0,625 |
| 213 | -79 | 6 | 1 | 83,510 | 47,361 | 0,648 |
| 213 | -73 | 6 | 1 | 83,863 | 51,540 | 0,671 |
| 213 | -67 | 6 | 1 | 83,347 | 54,050 | 0,694 |
| 213 | -61 | 6 | 1 | 82,507 | 56,021 | 0,717 |
| 213 | -55 | 6 | 1 | 82,835 | 60,653 | 0,740 |
| 213 | -49 | 6 | 1 | 82,579 | 57,471 | 0,762 |
| 213 | -43 | 6 | 1 | 81,886 | 60,262 | 0,783 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 213 | -37 | 6 | 1 | 81,394 | 63,730 | 0,805 |
| 213 | -31 | 6 | 1 | 81,555 | 61,685 | 0,826 |
| 213 | -25 | 6 | 1 | 81,411 | 59,383 | 0,849 |
| 213 | -19 | 6 | 1 | 81,039 | 58,793 | 0,873 |
| 213 | -13 | 6 | 1 | 80,501 | 61,225 | 0,900 |
| 213 | -7 | 6 | 1 | 79,920 | 63,306 | 0,931 |
| 213 | -1 | 6 | 1 | 80,117 | 62,815 | 0,967 |
| 213 | 5 | 6 | 1 | 80,184 | 61,212 | 1,007 |
| 213 | 11 | 6 | 1 | 80,148 | 59,687 | 1,052 |
| 213 | 17 | 6 | 1 | 80,030 | 58,220 | 1,101 |
| 213 | 23 | 6 | 1 | 79,841 | 66,652 | 1,153 |
| 213 | 29 | 6 | 1 | 79,587 | 65,932 | 1,207 |
| 213 | 35 | 6 | 1 | 79,271 | 68,148 | 1,260 |
| 213 | 41 | 6 | 1 | 79,076 | 72,869 | 1,311 |
| 213 | 47 | 6 | 1 | 79,390 | 71,816 | 1,357 |
| 213 | 53 | 6 | 1 | 79,641 | 70,682 | 1,397 |
| 213 | 59 | 6 | 1 | 79,816 | 69,442 | 1,430 |
| 213 | 65 | 6 | 1 | 79,895 | 69,083 | 1,454 |
| 213 | 71 | 6 | 1 | 79,854 | 70,558 | 1,469 |
| 213 | 77 | 6 | 1 | 79,661 | 72,083 | 1,475 |
| 213 | 83 | 6 | 1 | 79,479 | 73,025 | 1,473 |
| 213 | 89 | 6 | 1 | 80,065 | 71,383 | 1,462 |
| 213 | 95 | 6 | 1 | 80,454 | 69,402 | 1,445 |
| 213 | 101 | 6 | 1 | 80,576 | 70,263 | 1,420 |
| 213 | 107 | 6 | 1 | 80,354 | 72,554 | 1,391 |
| 213 | 113 | 6 | 1 | 80,470 | 72,529 | 1,355 |
| 213 | 119 | 6 | 1 | 81,110 | 69,706 | 1,316 |
| 213 | 125 | 6 | 1 | 81,250 | 70,639 | 1,273 |
| 213 | 131 | 6 | 1 | 80,748 | 73,668 | 1,227 |
| 213 | 137 | 6 | 1 | 81,526 | 70,566 | 1,179 |
| 213 | 143 | 6 | 1 | 81,813 | 69,918 | 1,130 |
| 213 | 149 | 6 | 1 | 81,151 | 73,685 | 1,081 |
| 213 | 155 | 6 | 1 | 82,068 | 66,061 | 1,033 |
| 213 | 161 | 6 | 1 | 82,056 | 63,466 | 0,986 |
| 213 | 167 | 6 | 1 | 81,848 | 62,386 | 0,942 |
| 216 | -100 | 6 | 1 | 83,830 | 41,917 | 0,565 |
| 216 | -94 | 6 | 1 | 84,429 | 42,216 | 0,585 |
| 216 | -88 | 6 | 1 | 83,662 | 48,810 | 0,606 |
| 216 | -82 | 6 | 1 | 83,659 | 46,608 | 0,628 |
| 216 | -76 | 6 | 1 | 83,671 | 53,383 | 0,651 |
| 216 | -70 | 6 | 1 | 82,777 | 50,674 | 0,673 |
| 216 | -64 | 6 | 1 | 82,840 | 54,531 | 0,696 |
| 216 | -58 | 6 | 1 | 82,818 | 57,323 | 0,718 |
| 216 | -52 | 6 | 1 | 82,184 | 58,797 | 0,739 |
| 216 | -46 | 6 | 1 | 81,580 | 62,992 | 0,760 |
| 216 | -40 | 6 | 1 | 81,817 | 60,757 | 0,780 |
| 216 | -34 | 6 | 1 | 81,628 | 58,025 | 0,801 |
| 216 | -28 | 6 | 1 | 81,116 | 59,314 | 0,822 |
| 216 | -22 | 6 | 1 | 80,366 | 62,251 | 0,845 |
| 216 | -16 | 6 | 1 | 80,503 | 62,653 | 0,869 |
| 216 | -10 | 6 | 1 | 80,568 | 60,613 | 0,898 |
| 216 | -4 | 6 | 1 | 80,447 | 58,688 | 0,930 |
| 216 | 2 | 6 | 1 | 80,181 | 58,728 | 0,967 |
| 216 | 8 | 6 | 1 | 79,798 | 60,671 | 1,009 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 216 | 14 | 6 | 1 | 79,320 | 62,411 | 1,054 |
| 216 | 20 | 6 | 1 | 79,333 | 62,796 | 1,103 |
| 216 | 26 | 6 | 1 | 79,543 | 65,036 | 1,155 |
| 216 | 32 | 6 | 1 | 79,661 | 67,094 | 1,207 |
| 216 | 38 | 6 | 1 | 79,690 | 68,629 | 1,258 |
| 216 | 44 | 6 | 1 | 79,627 | 69,459 | 1,306 |
| 216 | 50 | 6 | 1 | 79,464 | 70,748 | 1,348 |
| 216 | 56 | 6 | 1 | 79,186 | 72,035 | 1,384 |
| 216 | 62 | 6 | 1 | 79,072 | 72,546 | 1,412 |
| 216 | 68 | 6 | 1 | 79,518 | 71,174 | 1,432 |
| 216 | 74 | 6 | 1 | 79,833 | 69,602 | 1,443 |
| 216 | 80 | 6 | 1 | 79,980 | 68,939 | 1,445 |
| 216 | 86 | 6 | 1 | 79,914 | 70,842 | 1,440 |
| 216 | 92 | 6 | 1 | 79,580 | 72,771 | 1,427 |
| 216 | 98 | 6 | 1 | 79,976 | 71,732 | 1,408 |
| 216 | 104 | 6 | 1 | 80,478 | 69,350 | 1,382 |
| 216 | 110 | 6 | 1 | 80,609 | 70,060 | 1,352 |
| 216 | 116 | 6 | 1 | 80,268 | 72,702 | 1,317 |
| 216 | 122 | 6 | 1 | 80,659 | 71,450 | 1,277 |
| 216 | 128 | 6 | 1 | 81,171 | 68,263 | 1,235 |
| 216 | 134 | 6 | 1 | 80,998 | 71,664 | 1,190 |
| 216 | 140 | 6 | 1 | 80,989 | 71,835 | 1,143 |
| 216 | 146 | 6 | 1 | 81,632 | 67,787 | 1,095 |
| 216 | 152 | 6 | 1 | 81,272 | 71,932 | 1,048 |
| 216 | 158 | 6 | 1 | 81,601 | 63,924 | 1,001 |
| 216 | 164 | 6 | 1 | 81,896 | 64,282 | 0,957 |
| 216 | 170 | 6 | 1 | 81,213 | 60,347 | 0,914 |
| 219 | -97 | 6 | 1 | 84,094 | 42,049 | 0,568 |
| 219 | -91 | 6 | 1 | 82,952 | 46,077 | 0,589 |
| 219 | -85 | 6 | 1 | 83,638 | 48,168 | 0,610 |
| 219 | -79 | 6 | 1 | 83,282 | 51,847 | 0,632 |
| 219 | -73 | 6 | 1 | 82,489 | 47,255 | 0,653 |
| 219 | -67 | 6 | 1 | 82,919 | 55,368 | 0,675 |
| 219 | -61 | 6 | 1 | 82,513 | 56,285 | 0,696 |
| 219 | -55 | 6 | 1 | 81,516 | 61,293 | 0,717 |
| 219 | -49 | 6 | 1 | 81,960 | 60,357 | 0,738 |
| 219 | -43 | 6 | 1 | 81,825 | 57,158 | 0,757 |
| 219 | -37 | 6 | 1 | 81,242 | 58,989 | 0,777 |
| 219 | -31 | 6 | 1 | 80,581 | 62,503 | 0,797 |
| 219 | -25 | 6 | 1 | 80,857 | 61,186 | 0,818 |
| 219 | -19 | 6 | 1 | 80,809 | 58,772 | 0,841 |
| 219 | -13 | 6 | 1 | 80,506 | 57,839 | 0,866 |
| 219 | -7 | 6 | 1 | 80,003 | 60,429 | 0,896 |
| 219 | -1 | 6 | 1 | 79,455 | 62,696 | 0,929 |
| 219 | 5 | 6 | 1 | 79,726 | 61,774 | 0,968 |
| 219 | 11 | 6 | 1 | 79,834 | 59,944 | 1,010 |
| 219 | 17 | 6 | 1 | 79,802 | 58,155 | 1,056 |
| 219 | 23 | 6 | 1 | 79,646 | 65,609 | 1,105 |
| 219 | 29 | 6 | 1 | 79,375 | 65,552 | 1,156 |
| 219 | 35 | 6 | 1 | 78,990 | 67,026 | 1,206 |
| 219 | 41 | 6 | 1 | 78,960 | 72,171 | 1,255 |
| 219 | 47 | 6 | 1 | 79,290 | 70,830 | 1,299 |
| 219 | 53 | 6 | 1 | 79,504 | 69,378 | 1,338 |
| 219 | 59 | 6 | 1 | 79,584 | 68,384 | 1,369 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 219 | 65 | 6 | 1 | 79,508 | 70,022 | 1,393 |
| 219 | 71 | 6 | 1 | 79,248 | 71,668 | 1,409 |
| 219 | 77 | 6 | 1 | 79,117 | 72,344 | 1,416 |
| 219 | 83 | 6 | 1 | 79,662 | 70,555 | 1,415 |
| 219 | 89 | 6 | 1 | 79,979 | 68,440 | 1,407 |
| 219 | 95 | 6 | 1 | 80,005 | 70,023 | 1,392 |
| 219 | 101 | 6 | 1 | 79,670 | 72,312 | 1,372 |
| 219 | 107 | 6 | 1 | 79,979 | 71,459 | 1,345 |
| 219 | 113 | 6 | 1 | 80,507 | 68,579 | 1,314 |
| 219 | 119 | 6 | 1 | 80,531 | 70,363 | 1,279 |
| 219 | 125 | 6 | 1 | 79,938 | 73,012 | 1,240 |
| 219 | 131 | 6 | 1 | 80,850 | 69,547 | 1,198 |
| 219 | 137 | 6 | 1 | 81,041 | 69,506 | 1,154 |
| 219 | 143 | 6 | 1 | 80,325 | 72,978 | 1,108 |
| 219 | 149 | 6 | 1 | 81,295 | 68,554 | 1,062 |
| 219 | 155 | 6 | 1 | 81,262 | 70,075 | 1,016 |
| 219 | 161 | 6 | 1 | 81,020 | 61,724 | 0,971 |
| 219 | 167 | 6 | 1 | 81,641 | 65,046 | 0,928 |
| 222 | -100 | 6 | 1 | 83,635 | 41,819 | 0,552 |
| 222 | -94 | 6 | 1 | 82,924 | 43,120 | 0,572 |
| 222 | -88 | 6 | 1 | 83,453 | 46,890 | 0,592 |
| 222 | -82 | 6 | 1 | 82,704 | 48,656 | 0,613 |
| 222 | -76 | 6 | 1 | 82,701 | 46,131 | 0,634 |
| 222 | -70 | 6 | 1 | 82,754 | 54,587 | 0,655 |
| 222 | -64 | 6 | 1 | 81,936 | 55,033 | 0,676 |
| 222 | -58 | 6 | 1 | 81,927 | 60,555 | 0,696 |
| 222 | -52 | 6 | 1 | 81,989 | 56,864 | 0,716 |
| 222 | -46 | 6 | 1 | 81,443 | 57,755 | 0,735 |
| 222 | -40 | 6 | 1 | 80,741 | 61,930 | 0,754 |
| 222 | -34 | 6 | 1 | 81,071 | 60,159 | 0,773 |
| 222 | -28 | 6 | 1 | 80,964 | 57,340 | 0,793 |
| 222 | -22 | 6 | 1 | 80,513 | 58,419 | 0,814 |
| 222 | -16 | 6 | 1 | 79,793 | 61,461 | 0,837 |
| 222 | -10 | 6 | 1 | 79,960 | 61,745 | 0,864 |
| 222 | -4 | 6 | 1 | 80,078 | 59,531 | 0,894 |
| 222 | 2 | 6 | 1 | 79,977 | 57,398 | 0,929 |
| 222 | 8 | 6 | 1 | 79,692 | 58,587 | 0,969 |
| 222 | 14 | 6 | 1 | 79,249 | 60,759 | 1,012 |
| 222 | 20 | 6 | 1 | 78,923 | 62,700 | 1,058 |
| 222 | 26 | 6 | 1 | 79,238 | 63,704 | 1,107 |
| 222 | 32 | 6 | 1 | 79,408 | 66,306 | 1,157 |
| 222 | 38 | 6 | 1 | 79,434 | 67,894 | 1,205 |
| 222 | 44 | 6 | 1 | 79,314 | 69,524 | 1,250 |
| 222 | 50 | 6 | 1 | 79,039 | 71,053 | 1,291 |
| 222 | 56 | 6 | 1 | 78,610 | 72,512 | 1,326 |
| 222 | 62 | 6 | 1 | 79,111 | 70,973 | 1,353 |
| 222 | 68 | 6 | 1 | 79,441 | 69,233 | 1,373 |
| 222 | 74 | 6 | 1 | 79,568 | 68,335 | 1,385 |
| 222 | 80 | 6 | 1 | 79,451 | 70,343 | 1,388 |
| 222 | 86 | 6 | 1 | 79,042 | 72,340 | 1,385 |
| 222 | 92 | 6 | 1 | 79,509 | 70,933 | 1,375 |
| 222 | 98 | 6 | 1 | 79,947 | 68,459 | 1,358 |
| 222 | 104 | 6 | 1 | 79,996 | 69,669 | 1,336 |
| 222 | 110 | 6 | 1 | 79,566 | 72,296 | 1,309 |

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 222 | 116 | 6 | 1 | 80,069 | 70,517 | 1,278 |
| 222 | 122 | 6 | 1 | 80,495 | 67,831 | 1,243 |
| 222 | 128 | 6 | 1 | 80,250 | 71,167 | 1,204 |
| 222 | 134 | 6 | 1 | 80,302 | 71,012 | 1,163 |
| 222 | 140 | 6 | 1 | 80,886 | 67,211 | 1,119 |
| 222 | 146 | 6 | 1 | 80,509 | 71,248 | 1,075 |
| 222 | 152 | 6 | 1 | 80,809 | 69,633 | 1,030 |
| 222 | 158 | 6 | 1 | 81,127 | 68,124 | 0,985 |
| 222 | 164 | 6 | 1 | 80,332 | 59,475 | 0,942 |
| 222 | 170 | 6 | 1 | 81,296 | 65,217 | 0,901 |
| 225 | -97 | 6 | 1 | 82,946 | 41,476 | 0,556 |
| 225 | -91 | 6 | 1 | 83,110 | 44,590 | 0,575 |
| 225 | -85 | 6 | 1 | 81,946 | 45,467 | 0,595 |
| 225 | -79 | 6 | 1 | 82,709 | 47,957 | 0,616 |
| 225 | -73 | 6 | 1 | 82,355 | 51,243 | 0,636 |
| 225 | -67 | 6 | 1 | 81,589 | 52,516 | 0,657 |
| 225 | -61 | 6 | 1 | 82,042 | 57,216 | 0,677 |
| 225 | -55 | 6 | 1 | 81,686 | 55,548 | 0,696 |
| 225 | -49 | 6 | 1 | 80,700 | 60,467 | 0,714 |
| 225 | -43 | 6 | 1 | 81,172 | 59,637 | 0,733 |
| 225 | -37 | 6 | 1 | 81,096 | 56,381 | 0,751 |
| 225 | -31 | 6 | 1 | 80,560 | 58,216 | 0,769 |
| 225 | -25 | 6 | 1 | 79,914 | 61,780 | 0,789 |
| 225 | -19 | 6 | 1 | 80,250 | 60,209 | 0,810 |
| 225 | -13 | 6 | 1 | 80,238 | 57,644 | 0,834 |
| 225 | -7 | 6 | 1 | 79,940 | 57,459 | 0,862 |
| 225 | -1 | 6 | 1 | 79,407 | 60,206 | 0,894 |
| 225 | 5 | 6 | 1 | 79,139 | 62,257 | 0,930 |
| 225 | 11 | 6 | 1 | 79,421 | 60,129 | 0,970 |
| 225 | 17 | 6 | 1 | 79,500 | 58,020 | 1,014 |
| 225 | 23 | 6 | 1 | 79,393 | 64,559 | 1,060 |
| 225 | 29 | 6 | 1 | 79,112 | 65,097 | 1,108 |
| 225 | 35 | 6 | 1 | 78,661 | 65,903 | 1,156 |
| 225 | 41 | 6 | 1 | 78,778 | 71,415 | 1,202 |
| 225 | 47 | 6 | 1 | 79,109 | 69,780 | 1,245 |
| 225 | 53 | 6 | 1 | 79,260 | 68,002 | 1,282 |
| 225 | 59 | 6 | 1 | 79,214 | 68,996 | 1,312 |
| 225 | 65 | 6 | 1 | 78,948 | 70,825 | 1,336 |
| 225 | 71 | 6 | 1 | 78,631 | 72,056 | 1,352 |
| 225 | 77 | 6 | 1 | 79,200 | 70,138 | 1,360 |
| 225 | 83 | 6 | 1 | 79,507 | 67,902 | 1,361 |
| 225 | 89 | 6 | 1 | 79,496 | 69,420 | 1,355 |
| 225 | 95 | 6 | 1 | 79,104 | 71,763 | 1,342 |
| 225 | 101 | 6 | 1 | 79,436 | 70,730 | 1,325 |
| 225 | 107 | 6 | 1 | 79,915 | 67,808 | 1,302 |
| 225 | 113 | 6 | 1 | 79,882 | 69,803 | 1,274 |
| 225 | 119 | 6 | 1 | 79,317 | 72,249 | 1,243 |
| 225 | 125 | 6 | 1 | 80,177 | 68,815 | 1,207 |
| 225 | 131 | 6 | 1 | 80,330 | 68,850 | 1,169 |
| 225 | 137 | 6 | 1 | 79,608 | 72,330 | 1,129 |
| 225 | 143 | 6 | 1 | 80,540 | 68,046 | 1,086 |
| 225 | 149 | 6 | 1 | 80,533 | 69,223 | 1,043 |
| 225 | 155 | 6 | 1 | 80,182 | 70,619 | 0,999 |
| 225 | 161 | 6 | 1 | 80,872 | 66,091 | 0,956 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 225 | 167 | 6 | 1 | 80,114 | 58,105 | 0,915 |
| 228 | -100 | 6 | 1 | 82,839 | 41,422 | 0,540 |
| 228 | -94 | 6 | 1 | 82,615 | 44,662 | 0,559 |
| 228 | -88 | 6 | 1 | 82,101 | 42,309 | 0,578 |
| 228 | -82 | 6 | 1 | 82,519 | 49,734 | 0,598 |
| 228 | -76 | 6 | 1 | 81,733 | 47,863 | 0,618 |
| 228 | -70 | 6 | 1 | 81,835 | 51,856 | 0,638 |
| 228 | -64 | 6 | 1 | 81,873 | 53,764 | 0,657 |
| 228 | -58 | 6 | 1 | 81,069 | 58,039 | 0,676 |
| 228 | -52 | 6 | 1 | 81,120 | 59,683 | 0,694 |
| 228 | -46 | 6 | 1 | 81,204 | 55,968 | 0,712 |
| 228 | -40 | 6 | 1 | 80,682 | 57,172 | 0,729 |
| 228 | -34 | 6 | 1 | 80,046 | 61,336 | 0,747 |
| 228 | -28 | 6 | 1 | 80,409 | 59,102 | 0,765 |
| 228 | -22 | 6 | 1 | 80,321 | 56,156 | 0,785 |
| 228 | -16 | 6 | 1 | 79,863 | 58,062 | 0,807 |
| 228 | -10 | 6 | 1 | 79,125 | 61,211 | 0,832 |
| 228 | -4 | 6 | 1 | 79,523 | 60,305 | 0,861 |
| 228 | 2 | 6 | 1 | 79,626 | 57,872 | 0,894 |
| 228 | 8 | 6 | 1 | 79,473 | 56,438 | 0,931 |
| 228 | 14 | 6 | 1 | 79,091 | 59,041 | 0,972 |
| 228 | 20 | 6 | 1 | 78,505 | 62,154 | 1,016 |
| 228 | 26 | 6 | 1 | 78,883 | 62,379 | 1,062 |
| 228 | 32 | 6 | 1 | 79,108 | 65,717 | 1,109 |
| 228 | 38 | 6 | 1 | 79,127 | 67,097 | 1,155 |
| 228 | 44 | 6 | 1 | 78,939 | 69,514 | 1,199 |
| 228 | 50 | 6 | 1 | 78,535 | 71,268 | 1,238 |
| 228 | 56 | 6 | 1 | 78,575 | 71,195 | 1,271 |
| 228 | 62 | 6 | 1 | 78,994 | 69,309 | 1,298 |
| 228 | 68 | 6 | 1 | 79,169 | 67,256 | 1,317 |
| 228 | 74 | 6 | 1 | 79,065 | 69,431 | 1,330 |
| 228 | 80 | 6 | 1 | 78,640 | 71,555 | 1,335 |
| 228 | 86 | 6 | 1 | 78,977 | 70,514 | 1,333 |
| 228 | 92 | 6 | 1 | 79,417 | 67,962 | 1,324 |
| 228 | 98 | 6 | 1 | 79,447 | 68,942 | 1,311 |
| 228 | 104 | 6 | 1 | 78,985 | 71,612 | 1,292 |
| 228 | 110 | 6 | 1 | 79,451 | 69,906 | 1,268 |
| 228 | 116 | 6 | 1 | 79,856 | 67,095 | 1,240 |
| 228 | 122 | 6 | 1 | 79,594 | 70,425 | 1,208 |
| 228 | 128 | 6 | 1 | 79,593 | 70,451 | 1,173 |
| 228 | 134 | 6 | 1 | 80,174 | 66,378 | 1,136 |
| 228 | 140 | 6 | 1 | 79,832 | 70,364 | 1,096 |
| 228 | 146 | 6 | 1 | 80,014 | 69,308 | 1,054 |
| 228 | 152 | 6 | 1 | 80,401 | 67,089 | 1,012 |
| 228 | 158 | 6 | 1 | 79,487 | 71,512 | 0,970 |
| 228 | 164 | 6 | 1 | 80,500 | 63,989 | 0,928 |
| 228 | 170 | 6 | 1 | 80,067 | 58,958 | 0,888 |
| 231 | -97 | 6 | 1 | 81,973 | 45,062 | 0,543 |
| 231 | -91 | 6 | 1 | 82,133 | 43,723 | 0,562 |
| 231 | -85 | 6 | 1 | 82,140 | 49,832 | 0,581 |
| 231 | -79 | 6 | 1 | 81,148 | 44,486 | 0,601 |
| 231 | -73 | 6 | 1 | 81,840 | 52,642 | 0,620 |
| 231 | -67 | 6 | 1 | 81,432 | 54,009 | 0,639 |
| 231 | -61 | 6 | 1 | 80,812 | 59,390 | 0,657 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów

wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 231 | -55 | 6 | 1 | 81,230 | 56,164 | 0,675 |
| 231 | -49 | 6 | 1 | 80,860 | 55,227 | 0,692 |
| 231 | -43 | 6 | 1 | 79,971 | 60,071 | 0,709 |
| 231 | -37 | 6 | 1 | 80,471 | 58,481 | 0,726 |
| 231 | -31 | 6 | 1 | 80,389 | 55,127 | 0,743 |
| 231 | -25 | 6 | 1 | 79,832 | 57,944 | 0,761 |
| 231 | -19 | 6 | 1 | 79,393 | 60,949 | 0,781 |
| 231 | -13 | 6 | 1 | 79,722 | 58,724 | 0,804 |
| 231 | -7 | 6 | 1 | 79,677 | 55,963 | 0,830 |
| 231 | -1 | 6 | 1 | 79,311 | 57,643 | 0,861 |
| 231 | 5 | 6 | 1 | 78,670 | 60,545 | 0,895 |
| 231 | 11 | 6 | 1 | 78,920 | 60,248 | 0,933 |
| 231 | 17 | 6 | 1 | 79,129 | 57,824 | 0,974 |
| 231 | 23 | 6 | 1 | 79,086 | 63,505 | 1,018 |
| 231 | 29 | 6 | 1 | 78,803 | 64,578 | 1,064 |
| 231 | 35 | 6 | 1 | 78,287 | 64,783 | 1,109 |
| 231 | 41 | 6 | 1 | 78,539 | 70,604 | 1,153 |
| 231 | 47 | 6 | 1 | 78,854 | 68,670 | 1,194 |
| 231 | 53 | 6 | 1 | 78,922 | 67,425 | 1,229 |
| 231 | 59 | 6 | 1 | 78,725 | 69,506 | 1,259 |
| 231 | 65 | 6 | 1 | 78,238 | 71,498 | 1,282 |
| 231 | 71 | 6 | 1 | 78,658 | 70,131 | 1,298 |
| 231 | 77 | 6 | 1 | 79,027 | 67,792 | 1,307 |
| 231 | 83 | 6 | 1 | 79,047 | 68,424 | 1,309 |
| 231 | 89 | 6 | 1 | 78,660 | 70,883 | 1,305 |
| 231 | 95 | 6 | 1 | 78,836 | 70,355 | 1,294 |
| 231 | 101 | 6 | 1 | 79,334 | 67,403 | 1,279 |
| 231 | 107 | 6 | 1 | 79,307 | 68,939 | 1,259 |
| 231 | 113 | 6 | 1 | 78,654 | 71,775 | 1,235 |
| 231 | 119 | 6 | 1 | 79,504 | 68,385 | 1,207 |
| 231 | 125 | 6 | 1 | 79,678 | 67,930 | 1,175 |
| 231 | 131 | 6 | 1 | 79,001 | 71,501 | 1,141 |
| 231 | 137 | 6 | 1 | 79,793 | 67,777 | 1,103 |
| 231 | 143 | 6 | 1 | 79,862 | 68,160 | 1,064 |
| 231 | 149 | 6 | 1 | 79,316 | 70,457 | 1,024 |
| 231 | 155 | 6 | 1 | 80,119 | 65,125 | 0,982 |
| 231 | 161 | 6 | 1 | 79,560 | 69,812 | 0,941 |
| 231 | 167 | 6 | 1 | 80,018 | 61,831 | 0,901 |
| 234 | -100 | 6 | 1 | 81,193 | 42,182 | 0,528 |
| 234 | -94 | 6 | 1 | 82,008 | 44,882 | 0,547 |
| 234 | -88 | 6 | 1 | 81,579 | 46,690 | 0,565 |
| 234 | -82 | 6 | 1 | 81,351 | 42,786 | 0,584 |
| 234 | -76 | 6 | 1 | 81,613 | 51,721 | 0,603 |
| 234 | -70 | 6 | 1 | 80,734 | 51,614 | 0,621 |
| 234 | -64 | 6 | 1 | 81,053 | 57,019 | 0,639 |
| 234 | -58 | 6 | 1 | 81,016 | 52,530 | 0,656 |
| 234 | -52 | 6 | 1 | 80,161 | 57,914 | 0,673 |
| 234 | -46 | 6 | 1 | 80,410 | 58,403 | 0,689 |
| 234 | -40 | 6 | 1 | 80,453 | 54,620 | 0,705 |
| 234 | -34 | 6 | 1 | 79,886 | 57,052 | 0,722 |
| 234 | -28 | 6 | 1 | 79,486 | 59,996 | 0,739 |
| 234 | -22 | 6 | 1 | 79,817 | 57,560 | 0,757 |
| 234 | -16 | 6 | 1 | 79,675 | 54,596 | 0,778 |
| 234 | -10 | 6 | 1 | 79,135 | 58,236 | 0,802 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 234 | -4 | 6 | 1 | 78,804 | 60,454 | 0,829 |
| 234 | 2 | 6 | 1 | 79,146 | 58,289 | 0,861 |
| 234 | 8 | 6 | 1 | 79,152 | 55,586 | 0,896 |
| 234 | 14 | 6 | 1 | 78,857 | 57,269 | 0,935 |
| 234 | 20 | 6 | 1 | 78,284 | 61,171 | 0,977 |
| 234 | 26 | 6 | 1 | 78,483 | 61,066 | 1,020 |
| 234 | 32 | 6 | 1 | 78,765 | 65,072 | 1,065 |
| 234 | 38 | 6 | 1 | 78,775 | 66,242 | 1,109 |
| 234 | 44 | 6 | 1 | 78,509 | 69,437 | 1,150 |
| 234 | 50 | 6 | 1 | 77,961 | 71,403 | 1,188 |
| 234 | 56 | 6 | 1 | 78,432 | 69,806 | 1,220 |
| 234 | 62 | 6 | 1 | 78,739 | 67,562 | 1,246 |
| 234 | 68 | 6 | 1 | 78,725 | 68,060 | 1,265 |
| 234 | 74 | 6 | 1 | 78,353 | 70,380 | 1,278 |
| 234 | 80 | 6 | 1 | 78,357 | 70,472 | 1,284 |
| 234 | 86 | 6 | 1 | 78,873 | 67,861 | 1,283 |
| 234 | 92 | 6 | 1 | 78,952 | 67,851 | 1,277 |
| 234 | 98 | 6 | 1 | 78,522 | 70,625 | 1,265 |
| 234 | 104 | 6 | 1 | 78,793 | 69,626 | 1,249 |
| 234 | 110 | 6 | 1 | 79,243 | 66,170 | 1,228 |
| 234 | 116 | 6 | 1 | 79,027 | 69,414 | 1,203 |
| 234 | 122 | 6 | 1 | 78,845 | 70,160 | 1,175 |
| 234 | 128 | 6 | 1 | 79,487 | 66,055 | 1,143 |
| 234 | 134 | 6 | 1 | 79,232 | 69,258 | 1,109 |
| 234 | 140 | 6 | 1 | 79,197 | 69,195 | 1,072 |
| 234 | 146 | 6 | 1 | 79,703 | 65,831 | 1,034 |
| 234 | 152 | 6 | 1 | 78,974 | 70,365 | 0,994 |
| 234 | 158 | 6 | 1 | 79,695 | 66,229 | 0,954 |
| 234 | 164 | 6 | 1 | 79,513 | 67,901 | 0,914 |
| 234 | 170 | 6 | 1 | 79,430 | 59,629 | 0,876 |
| 237 | -97 | 6 | 1 | 81,729 | 42,720 | 0,532 |
| 237 | -91 | 6 | 1 | 80,843 | 43,574 | 0,550 |
| 237 | -85 | 6 | 1 | 81,358 | 44,533 | 0,568 |
| 237 | -79 | 6 | 1 | 81,163 | 48,389 | 0,586 |
| 237 | -73 | 6 | 1 | 80,483 | 49,187 | 0,604 |
| 237 | -67 | 6 | 1 | 81,015 | 53,591 | 0,622 |
| 237 | -61 | 6 | 1 | 80,493 | 54,798 | 0,638 |
| 237 | -55 | 6 | 1 | 80,143 | 58,389 | 0,655 |
| 237 | -49 | 6 | 1 | 80,467 | 54,693 | 0,670 |
| 237 | -43 | 6 | 1 | 80,014 | 55,327 | 0,686 |
| 237 | -37 | 6 | 1 | 79,407 | 59,268 | 0,702 |
| 237 | -31 | 6 | 1 | 79,839 | 56,866 | 0,718 |
| 237 | -25 | 6 | 1 | 79,679 | 54,042 | 0,735 |
| 237 | -19 | 6 | 1 | 79,024 | 58,169 | 0,754 |
| 237 | -13 | 6 | 1 | 78,984 | 59,734 | 0,776 |
| 237 | -7 | 6 | 1 | 79,232 | 56,691 | 0,801 |
| 237 | -1 | 6 | 1 | 79,070 | 55,031 | 0,829 |
| 237 | 5 | 6 | 1 | 78,549 | 58,377 | 0,862 |
| 237 | 11 | 6 | 1 | 78,340 | 60,005 | 0,898 |
| 237 | 17 | 6 | 1 | 78,699 | 57,574 | 0,937 |
| 237 | 23 | 6 | 1 | 78,732 | 62,289 | 0,979 |
| 237 | 29 | 6 | 1 | 78,453 | 64,001 | 1,022 |
| 237 | 35 | 6 | 1 | 77,873 | 63,669 | 1,065 |
| 237 | 41 | 6 | 1 | 78,248 | 69,743 | 1,107 |

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 237 | 47 | 6 | 1 | 78,534 | 67,503 | 1,146 |
| 237 | 53 | 6 | 1 | 78,501 | 67,642 | 1,180 |
| 237 | 59 | 6 | 1 | 78,129 | 69,921 | 1,209 |
| 237 | 65 | 6 | 1 | 77,983 | 70,509 | 1,231 |
| 237 | 71 | 6 | 1 | 78,497 | 68,095 | 1,247 |
| 237 | 77 | 6 | 1 | 78,625 | 66,993 | 1,257 |
| 237 | 83 | 6 | 1 | 78,315 | 69,632 | 1,260 |
| 237 | 89 | 6 | 1 | 78,153 | 70,329 | 1,257 |
| 237 | 95 | 6 | 1 | 78,744 | 67,367 | 1,249 |
| 237 | 101 | 6 | 1 | 78,792 | 67,739 | 1,236 |
| 237 | 107 | 6 | 1 | 78,206 | 70,795 | 1,218 |
| 237 | 113 | 6 | 1 | 78,811 | 68,263 | 1,197 |
| 237 | 119 | 6 | 1 | 79,071 | 66,718 | 1,172 |
| 237 | 125 | 6 | 1 | 78,495 | 70,343 | 1,144 |
| 237 | 131 | 6 | 1 | 79,034 | 67,753 | 1,112 |
| 237 | 137 | 6 | 1 | 79,233 | 66,857 | 1,078 |
| 237 | 143 | 6 | 1 | 78,400 | 70,476 | 1,042 |
| 237 | 149 | 6 | 1 | 79,365 | 65,424 | 1,004 |
| 237 | 155 | 6 | 1 | 79,040 | 68,348 | 0,966 |
| 237 | 161 | 6 | 1 | 79,134 | 67,248 | 0,927 |
| 237 | 167 | 6 | 1 | 79,350 | 65,915 | 0,888 |
| 240 | -100 | 6 | 1 | 81,304 | 40,868 | 0,517 |
| 240 | -94 | 6 | 1 | 80,335 | 40,512 | 0,535 |
| 240 | -88 | 6 | 1 | 81,177 | 46,239 | 0,552 |
| 240 | -82 | 6 | 1 | 80,501 | 45,062 | 0,570 |
| 240 | -76 | 6 | 1 | 80,653 | 49,328 | 0,588 |
| 240 | -70 | 6 | 1 | 80,710 | 50,683 | 0,605 |
| 240 | -64 | 6 | 1 | 79,678 | 57,168 | 0,621 |
| 240 | -58 | 6 | 1 | 80,332 | 55,392 | 0,637 |
| 240 | -52 | 6 | 1 | 80,158 | 52,712 | 0,653 |
| 240 | -46 | 6 | 1 | 79,183 | 58,179 | 0,668 |
| 240 | -40 | 6 | 1 | 79,774 | 56,693 | 0,682 |
| 240 | -34 | 6 | 1 | 79,704 | 52,801 | 0,698 |
| 240 | -28 | 6 | 1 | 79,016 | 57,391 | 0,714 |
| 240 | -22 | 6 | 1 | 79,027 | 58,885 | 0,731 |
| 240 | -16 | 6 | 1 | 79,249 | 55,499 | 0,751 |
| 240 | -10 | 6 | 1 | 78,973 | 55,208 | 0,774 |
| 240 | -4 | 6 | 1 | 78,265 | 58,927 | 0,800 |
| 240 | 2 | 6 | 1 | 78,547 | 58,651 | 0,829 |
| 240 | 8 | 6 | 1 | 78,742 | 55,644 | 0,863 |
| 240 | 14 | 6 | 1 | 78,553 | 55,458 | 0,900 |
| 240 | 20 | 6 | 1 | 78,009 | 60,187 | 0,939 |
| 240 | 26 | 6 | 1 | 78,042 | 59,768 | 0,981 |
| 240 | 32 | 6 | 1 | 78,384 | 64,380 | 1,023 |
| 240 | 38 | 6 | 1 | 78,380 | 65,336 | 1,065 |
| 240 | 44 | 6 | 1 | 78,029 | 69,302 | 1,105 |
| 240 | 50 | 6 | 1 | 77,655 | 70,673 | 1,140 |
| 240 | 56 | 6 | 1 | 78,192 | 68,351 | 1,171 |
| 240 | 62 | 6 | 1 | 78,361 | 66,165 | 1,197 |
| 240 | 68 | 6 | 1 | 78,127 | 68,754 | 1,216 |
| 240 | 74 | 6 | 1 | 77,599 | 70,786 | 1,229 |
| 240 | 80 | 6 | 1 | 78,272 | 68,145 | 1,235 |
| 240 | 86 | 6 | 1 | 78,479 | 66,350 | 1,236 |
| 240 | 92 | 6 | 1 | 78,152 | 69,293 | 1,231 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitatorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

| | | | | | | |
|-----|-----|---|---|-----------------------------|---------|-------|
| 240 | 98 | 6 | 1 | 78,064 | 69,672 | 1,221 |
| 240 | 104 | 6 | 1 | 78,632 | 66,260 | 1,207 |
| 240 | 110 | 6 | 1 | 78,527 | 68,100 | 1,189 |
| 240 | 116 | 6 | 1 | 78,033 | 70,140 | 1,167 |
| 240 | 122 | 6 | 1 | 78,801 | 66,164 | 1,142 |
| 240 | 128 | 6 | 1 | 78,691 | 67,897 | 1,113 |
| 240 | 134 | 6 | 1 | 78,333 | 69,296 | 1,082 |
| 240 | 140 | 6 | 1 | 79,013 | 64,405 | 1,049 |
| 240 | 146 | 6 | 1 | 78,509 | 68,895 | 1,013 |
| 240 | 152 | 6 | 1 | 78,855 | 66,681 | 0,976 |
| 240 | 158 | 6 | 1 | 78,959 | 66,230 | 0,938 |
| 240 | 164 | 6 | 1 | 78,443 | 68,183 | 0,901 |
| 240 | 170 | 6 | 1 | 79,076 | 63,864 | 0,863 |
| | | | | Wielkości maksymalne | | |
| 12 | 140 | 5 | 1 | 117,103 | | |
| 6 | 164 | | | | 108,365 | |
| 72 | 50 | | | | | 4,288 |

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.

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Załącznik nr 20

Obliczenia pełne dla zespołu emitorów
wg załącznika nr 3 do rozporządzenia MŚ z 26.01.2010 r.