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Załącznik nr 21

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

Dane ogólne

| | | | | | |
|------------|-------|-----|--------------------------|------|-------|
| h_{anem} | z_0 | Z | D_1 | R | D_a |
| m | | | $\mu\text{g}/\text{m}^3$ | | |
| 14,0 | 0,035 | 0,0 | 200 | 16,0 | 40,0 |

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 | | | kJ/s | | | |
| 1 | 2,698 | 108 | 50 | 11,2 | emitory zadaszone | | | 6000 |
| 2 | 2,698 | 108 | 42 | 11,2 | | | | 6000 |
| 3 | 2,698 | 109 | 31 | 11,2 | | | | 6000 |
| 4 | 2,698 | 110 | 22 | 11,2 | | | | 6000 |
| 5 | 3,509 | 123 | 55 | 11,2 | | | | 6000 |
| 6 | 3,509 | 125 | 35 | 11,2 | | | | 6000 |
| 7 | 3,509 | 125 | 23 | 11,2 | | | | 6000 |
| 16 | 2,304 | 24 | 58 | 8,9 | | | | 6000 |
| 17 | 2,304 | 3 | 57 | 8,9 | | | | 6000 |
| 18 | 2,304 | 16 | 36 | 8,9 | | | | 6000 |
| 19 | 2,304 | 17 | 25 | 8,9 | | | | 6000 |
| 20 | 2,304 | 7 | 2 | 8,9 | | | | 6000 |
| 21 | 2,304 | 28 | 4 | 8,9 | | | | 6000 |
| 22 | 4,166 | 14 | 57 | 8,9 | | | | 6000 |
| 23 | 4,166 | 5 | 35 | 8,9 | | | | 6000 |
| 24 | 4,166 | 26 | 37 | 8,9 | | | | 6000 |
| 25 | 4,166 | 5 | 24 | 8,9 | | | | 6000 |
| 26 | 4,166 | 27 | 26 | 8,9 | | | | 6000 |
| 27 | 4,166 | 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 atmosfery | Prędkość wiatru | $\sum s_{xy}$ | percentyl 99,8 | S_a |
|----------|------|-------------------|--------------------|--------------------------|-------------------|-------|
| X | Y | | | | | |
| m | | | m/s | $\mu\text{g}/\text{m}^3$ | | |
| -90 | -100 | 6 | 1 | 46,104 | 28,133 | 0,517 |
| -90 | -94 | 6 | 1 | 45,808 | 29,023 | 0,541 |
| -90 | -88 | 6 | 1 | 45,043 | 29,561 | 0,566 |
| -90 | -82 | 6 | 1 | 44,375 | 30,501 | 0,595 |
| -90 | -76 | 6 | 1 | 43,858 | 31,435 | 0,627 |
| -90 | -70 | 5 | 1 | 43,173 | 32,451 | 0,663 |
| -90 | -64 | 5 | 1 | 43,253 | 33,377 | 0,702 |
| -90 | -58 | 5 | 1 | 43,280 | 34,179 | 0,746 |
| -90 | -52 | 5 | 1 | 43,302 | 35,009 | 0,793 |
| -90 | -46 | 5 | 1 | 43,496 | 36,147 | 0,843 |
| -90 | -40 | 5 | 1 | 43,897 | 37,315 | 0,896 |
| -90 | -34 | 5 | 1 | 44,874 | 38,476 | 0,951 |
| -90 | -28 | 5 | 1 | 46,154 | 39,367 | 1,005 |
| -90 | -22 | 5 | 1 | 47,550 | 40,308 | 1,057 |
| -90 | -16 | 5 | 1 | 49,056 | 41,378 | 1,105 |
| -90 | -10 | 5 | 1 | 50,621 | 42,692 | 1,144 |
| -90 | -4 | 5 | 1 | 52,219 | 43,787 | 1,175 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -90 | 2 | 5 | 1 | 53,893 | 44,517 | 1,197 |
| -90 | 8 | 5 | 1 | 55,353 | 45,512 | 1,208 |
| -90 | 14 | 5 | 1 | 56,376 | 46,068 | 1,209 |
| -90 | 20 | 5 | 1 | 56,772 | 46,345 | 1,200 |
| -90 | 26 | 5 | 1 | 56,941 | 46,481 | 1,182 |
| -90 | 32 | 5 | 1 | 56,699 | 45,963 | 1,158 |
| -90 | 38 | 5 | 1 | 55,762 | 45,694 | 1,130 |
| -90 | 44 | 5 | 1 | 54,300 | 44,452 | 1,102 |
| -90 | 50 | 5 | 1 | 52,664 | 43,948 | 1,074 |
| -90 | 56 | 5 | 1 | 51,039 | 42,381 | 1,047 |
| -90 | 62 | 5 | 1 | 49,337 | 40,846 | 1,022 |
| -90 | 68 | 5 | 1 | 47,705 | 39,705 | 0,999 |
| -90 | 74 | 5 | 1 | 46,185 | 39,338 | 0,980 |
| -90 | 80 | 5 | 1 | 44,739 | 38,295 | 0,963 |
| -90 | 86 | 5 | 1 | 43,497 | 38,089 | 0,947 |
| -90 | 92 | 5 | 1 | 43,390 | 37,528 | 0,932 |
| -90 | 98 | 5 | 1 | 43,621 | 37,546 | 0,916 |
| -90 | 104 | 5 | 1 | 43,879 | 38,095 | 0,899 |
| -90 | 110 | 5 | 1 | 44,157 | 38,868 | 0,882 |
| -90 | 116 | 5 | 1 | 44,442 | 39,826 | 0,865 |
| -90 | 122 | 5 | 1 | 44,712 | 40,936 | 0,846 |
| -90 | 128 | 5 | 1 | 44,936 | 41,963 | 0,827 |
| -90 | 134 | 6 | 1 | 45,407 | 41,849 | 0,808 |
| -90 | 140 | 6 | 1 | 46,449 | 41,181 | 0,789 |
| -90 | 146 | 6 | 1 | 47,258 | 42,563 | 0,770 |
| -90 | 152 | 6 | 1 | 47,700 | 42,671 | 0,751 |
| -90 | 158 | 6 | 1 | 48,745 | 42,496 | 0,733 |
| -90 | 164 | 6 | 1 | 49,285 | 41,663 | 0,716 |
| -90 | 170 | 6 | 1 | 49,571 | 41,564 | 0,699 |
| -87 | -97 | 6 | 1 | 46,144 | 28,889 | 0,535 |
| -87 | -91 | 6 | 1 | 45,657 | 29,775 | 0,560 |
| -87 | -85 | 6 | 1 | 44,766 | 30,332 | 0,587 |
| -87 | -79 | 6 | 1 | 44,177 | 31,296 | 0,617 |
| -87 | -73 | 6 | 1 | 43,547 | 32,225 | 0,651 |
| -87 | -67 | 5 | 1 | 43,455 | 33,097 | 0,688 |
| -87 | -61 | 5 | 1 | 43,460 | 34,040 | 0,731 |
| -87 | -55 | 5 | 1 | 43,418 | 34,820 | 0,777 |
| -87 | -49 | 5 | 1 | 43,371 | 35,943 | 0,826 |
| -87 | -43 | 5 | 1 | 43,550 | 36,719 | 0,879 |
| -87 | -37 | 5 | 1 | 43,909 | 38,173 | 0,934 |
| -87 | -31 | 5 | 1 | 44,938 | 38,688 | 0,991 |
| -87 | -25 | 5 | 1 | 46,294 | 40,205 | 1,047 |
| -87 | -19 | 5 | 1 | 47,760 | 41,103 | 1,100 |
| -87 | -13 | 5 | 1 | 49,375 | 41,902 | 1,146 |
| -87 | -7 | 5 | 1 | 51,120 | 43,082 | 1,184 |
| -87 | -1 | 5 | 1 | 52,879 | 44,449 | 1,213 |
| -87 | 5 | 5 | 1 | 54,444 | 45,609 | 1,231 |
| -87 | 11 | 5 | 1 | 55,555 | 46,251 | 1,240 |
| -87 | 17 | 5 | 1 | 56,571 | 46,667 | 1,237 |
| -87 | 23 | 5 | 1 | 57,118 | 47,219 | 1,224 |
| -87 | 29 | 5 | 1 | 56,839 | 46,876 | 1,202 |
| -87 | 35 | 5 | 1 | 55,953 | 45,930 | 1,175 |
| -87 | 41 | 5 | 1 | 54,983 | 45,955 | 1,146 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -87 | 47 | 5 | 1 | 53,428 | 45,174 | 1,117 |
| -87 | 53 | 5 | 1 | 51,578 | 43,251 | 1,088 |
| -87 | 59 | 5 | 1 | 49,710 | 41,794 | 1,061 |
| -87 | 65 | 5 | 1 | 47,991 | 41,340 | 1,036 |
| -87 | 71 | 5 | 1 | 46,441 | 39,835 | 1,015 |
| -87 | 77 | 5 | 1 | 44,970 | 39,224 | 0,996 |
| -87 | 83 | 5 | 1 | 43,452 | 38,312 | 0,979 |
| -87 | 89 | 5 | 1 | 43,247 | 37,937 | 0,962 |
| -87 | 95 | 5 | 1 | 43,533 | 37,500 | 0,946 |
| -87 | 101 | 5 | 1 | 43,882 | 37,757 | 0,929 |
| -87 | 107 | 5 | 1 | 44,242 | 38,510 | 0,911 |
| -87 | 113 | 5 | 1 | 44,602 | 39,462 | 0,893 |
| -87 | 119 | 5 | 1 | 44,941 | 40,574 | 0,874 |
| -87 | 125 | 5 | 1 | 45,231 | 41,660 | 0,854 |
| -87 | 131 | 5 | 1 | 45,435 | 41,754 | 0,834 |
| -87 | 137 | 6 | 1 | 46,103 | 41,337 | 0,813 |
| -87 | 143 | 6 | 1 | 47,035 | 42,524 | 0,794 |
| -87 | 149 | 6 | 1 | 47,618 | 43,074 | 0,774 |
| -87 | 155 | 6 | 1 | 48,600 | 43,161 | 0,755 |
| -87 | 161 | 6 | 1 | 49,332 | 42,625 | 0,737 |
| -87 | 167 | 6 | 1 | 49,449 | 41,876 | 0,719 |
| -84 | -100 | 6 | 1 | 46,497 | 28,723 | 0,530 |
| -84 | -94 | 6 | 1 | 46,106 | 29,665 | 0,554 |
| -84 | -88 | 6 | 1 | 45,435 | 30,187 | 0,580 |
| -84 | -82 | 6 | 1 | 44,425 | 31,158 | 0,608 |
| -84 | -76 | 6 | 1 | 43,916 | 32,112 | 0,640 |
| -84 | -70 | 5 | 1 | 43,685 | 32,630 | 0,676 |
| -84 | -64 | 5 | 1 | 43,698 | 33,589 | 0,716 |
| -84 | -58 | 5 | 1 | 43,625 | 34,622 | 0,761 |
| -84 | -52 | 5 | 1 | 43,510 | 35,702 | 0,809 |
| -84 | -46 | 5 | 1 | 43,389 | 36,564 | 0,861 |
| -84 | -40 | 5 | 1 | 43,550 | 37,479 | 0,916 |
| -84 | -34 | 5 | 1 | 43,892 | 38,539 | 0,974 |
| -84 | -28 | 5 | 1 | 45,015 | 39,139 | 1,033 |
| -84 | -22 | 5 | 1 | 46,418 | 40,833 | 1,090 |
| -84 | -16 | 5 | 1 | 47,992 | 41,933 | 1,143 |
| -84 | -10 | 5 | 1 | 49,735 | 42,303 | 1,189 |
| -84 | -4 | 5 | 1 | 51,541 | 43,513 | 1,225 |
| -84 | 2 | 5 | 1 | 53,190 | 44,871 | 1,251 |
| -84 | 8 | 5 | 1 | 54,777 | 46,469 | 1,266 |
| -84 | 14 | 5 | 1 | 56,157 | 46,825 | 1,271 |
| -84 | 20 | 5 | 1 | 56,776 | 47,438 | 1,264 |
| -84 | 26 | 5 | 1 | 56,789 | 47,728 | 1,246 |
| -84 | 32 | 5 | 1 | 56,561 | 47,055 | 1,220 |
| -84 | 38 | 5 | 1 | 55,438 | 46,541 | 1,191 |
| -84 | 44 | 5 | 1 | 53,724 | 45,486 | 1,161 |
| -84 | 50 | 5 | 1 | 52,096 | 43,738 | 1,132 |
| -84 | 56 | 5 | 1 | 50,180 | 42,824 | 1,103 |
| -84 | 62 | 5 | 1 | 48,287 | 41,574 | 1,076 |
| -84 | 68 | 5 | 1 | 46,590 | 41,259 | 1,052 |
| -84 | 74 | 5 | 1 | 45,086 | 40,015 | 1,031 |
| -84 | 80 | 5 | 1 | 43,656 | 39,177 | 1,012 |
| -84 | 86 | 5 | 1 | 43,111 | 38,172 | 0,995 |

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Załącznik nr 21

Obliczenia pełne dla zespołu emitorów
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| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -84 | 92 | 5 | 1 | 43,351 | 38,047 | 0,977 |
| -84 | 98 | 5 | 1 | 43,797 | 37,524 | 0,959 |
| -84 | 104 | 5 | 1 | 44,245 | 38,067 | 0,941 |
| -84 | 110 | 5 | 1 | 44,688 | 39,007 | 0,922 |
| -84 | 116 | 5 | 1 | 45,106 | 40,121 | 0,902 |
| -84 | 122 | 5 | 1 | 45,472 | 41,299 | 0,881 |
| -84 | 128 | 5 | 1 | 45,754 | 41,601 | 0,860 |
| -84 | 134 | 5 | 1 | 45,901 | 41,433 | 0,839 |
| -84 | 140 | 6 | 1 | 46,743 | 42,210 | 0,819 |
| -84 | 146 | 6 | 1 | 47,500 | 43,449 | 0,798 |
| -84 | 152 | 6 | 1 | 48,383 | 43,758 | 0,779 |
| -84 | 158 | 6 | 1 | 49,299 | 42,698 | 0,760 |
| -84 | 164 | 6 | 1 | 49,600 | 42,154 | 0,741 |
| -84 | 170 | 6 | 1 | 50,404 | 43,057 | 0,723 |
| -81 | -97 | 6 | 1 | 46,346 | 29,454 | 0,548 |
| -81 | -91 | 6 | 1 | 45,984 | 30,461 | 0,573 |
| -81 | -85 | 6 | 1 | 45,137 | 31,010 | 0,601 |
| -81 | -79 | 5 | 1 | 44,246 | 32,006 | 0,631 |
| -81 | -73 | 5 | 1 | 44,109 | 32,528 | 0,665 |
| -81 | -67 | 5 | 1 | 43,968 | 33,440 | 0,703 |
| -81 | -61 | 5 | 1 | 43,898 | 34,432 | 0,745 |
| -81 | -55 | 5 | 1 | 43,743 | 35,493 | 0,792 |
| -81 | -49 | 5 | 1 | 43,551 | 36,454 | 0,844 |
| -81 | -43 | 5 | 1 | 43,389 | 37,204 | 0,898 |
| -81 | -37 | 5 | 1 | 43,492 | 38,043 | 0,956 |
| -81 | -31 | 5 | 1 | 43,820 | 39,006 | 1,016 |
| -81 | -25 | 5 | 1 | 44,990 | 40,458 | 1,076 |
| -81 | -19 | 5 | 1 | 46,470 | 41,882 | 1,135 |
| -81 | -13 | 5 | 1 | 48,159 | 42,041 | 1,188 |
| -81 | -7 | 5 | 1 | 49,970 | 43,458 | 1,232 |
| -81 | -1 | 5 | 1 | 51,802 | 44,666 | 1,265 |
| -81 | 5 | 5 | 1 | 53,769 | 45,410 | 1,288 |
| -81 | 11 | 5 | 1 | 55,290 | 46,847 | 1,301 |
| -81 | 17 | 5 | 1 | 56,076 | 47,958 | 1,301 |
| -81 | 23 | 5 | 1 | 56,888 | 47,740 | 1,289 |
| -81 | 29 | 5 | 1 | 56,643 | 47,639 | 1,267 |
| -81 | 35 | 5 | 1 | 55,705 | 46,814 | 1,238 |
| -81 | 41 | 5 | 1 | 54,520 | 45,617 | 1,208 |
| -81 | 47 | 5 | 1 | 52,626 | 44,231 | 1,177 |
| -81 | 53 | 5 | 1 | 50,456 | 43,479 | 1,147 |
| -81 | 59 | 5 | 1 | 48,480 | 43,260 | 1,118 |
| -81 | 65 | 5 | 1 | 46,666 | 41,688 | 1,091 |
| -81 | 71 | 5 | 1 | 45,202 | 41,099 | 1,068 |
| -81 | 77 | 5 | 1 | 43,812 | 39,986 | 1,047 |
| -81 | 83 | 5 | 1 | 42,874 | 39,202 | 1,029 |
| -81 | 89 | 5 | 1 | 43,067 | 37,902 | 1,010 |
| -81 | 95 | 5 | 1 | 43,620 | 38,115 | 0,992 |
| -81 | 101 | 5 | 1 | 44,161 | 37,600 | 0,972 |
| -81 | 107 | 5 | 1 | 44,693 | 38,462 | 0,952 |
| -81 | 113 | 5 | 1 | 45,199 | 39,575 | 0,932 |
| -81 | 119 | 5 | 1 | 45,652 | 40,838 | 0,910 |
| -81 | 125 | 5 | 1 | 46,020 | 41,382 | 0,889 |
| -81 | 131 | 5 | 1 | 46,262 | 41,463 | 0,867 |

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| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -81 | 137 | 6 | 1 | 46,374 | 41,831 | 0,845 |
| -81 | 143 | 6 | 1 | 47,302 | 43,530 | 0,824 |
| -81 | 149 | 6 | 1 | 48,090 | 44,278 | 0,803 |
| -81 | 155 | 6 | 1 | 49,181 | 42,629 | 0,783 |
| -81 | 161 | 6 | 1 | 49,743 | 42,872 | 0,764 |
| -81 | 167 | 6 | 1 | 50,323 | 43,351 | 0,745 |
| -78 | -100 | 6 | 1 | 47,099 | 29,361 | 0,544 |
| -78 | -94 | 6 | 1 | 46,375 | 30,173 | 0,568 |
| -78 | -88 | 6 | 1 | 45,771 | 30,899 | 0,594 |
| -78 | -82 | 6 | 1 | 44,758 | 31,896 | 0,623 |
| -78 | -76 | 5 | 1 | 44,561 | 32,875 | 0,655 |
| -78 | -70 | 5 | 1 | 44,341 | 33,315 | 0,691 |
| -78 | -64 | 5 | 1 | 44,215 | 34,261 | 0,731 |
| -78 | -58 | 5 | 1 | 44,049 | 35,280 | 0,776 |
| -78 | -52 | 5 | 1 | 43,808 | 36,109 | 0,826 |
| -78 | -46 | 5 | 1 | 43,535 | 36,879 | 0,880 |
| -78 | -40 | 5 | 1 | 43,329 | 37,649 | 0,937 |
| -78 | -34 | 5 | 1 | 43,370 | 38,743 | 0,997 |
| -78 | -28 | 5 | 1 | 43,692 | 40,224 | 1,060 |
| -78 | -22 | 5 | 1 | 44,920 | 41,134 | 1,122 |
| -78 | -16 | 5 | 1 | 46,479 | 42,041 | 1,181 |
| -78 | -10 | 5 | 1 | 48,248 | 43,550 | 1,233 |
| -78 | -4 | 5 | 1 | 50,307 | 44,409 | 1,275 |
| -78 | 2 | 5 | 1 | 52,380 | 44,890 | 1,306 |
| -78 | 8 | 5 | 1 | 54,048 | 46,346 | 1,326 |
| -78 | 14 | 5 | 1 | 55,544 | 46,810 | 1,334 |
| -78 | 20 | 5 | 1 | 56,489 | 47,855 | 1,330 |
| -78 | 26 | 5 | 1 | 56,385 | 47,824 | 1,312 |
| -78 | 32 | 5 | 1 | 56,187 | 46,896 | 1,286 |
| -78 | 38 | 5 | 1 | 54,837 | 45,847 | 1,256 |
| -78 | 44 | 5 | 1 | 53,120 | 45,129 | 1,224 |
| -78 | 50 | 5 | 1 | 51,116 | 44,884 | 1,193 |
| -78 | 56 | 5 | 1 | 48,876 | 43,285 | 1,162 |
| -78 | 62 | 5 | 1 | 46,833 | 43,004 | 1,133 |
| -78 | 68 | 5 | 1 | 45,167 | 41,816 | 1,107 |
| -78 | 74 | 5 | 1 | 43,778 | 40,992 | 1,085 |
| -78 | 80 | 5 | 1 | 42,520 | 39,772 | 1,064 |
| -78 | 86 | 5 | 1 | 42,804 | 39,178 | 1,045 |
| -78 | 92 | 5 | 1 | 43,346 | 38,013 | 1,025 |
| -78 | 98 | 5 | 1 | 43,986 | 38,237 | 1,005 |
| -78 | 104 | 5 | 1 | 44,612 | 37,828 | 0,984 |
| -78 | 110 | 5 | 1 | 45,212 | 38,936 | 0,963 |
| -78 | 116 | 5 | 1 | 45,760 | 40,212 | 0,941 |
| -78 | 122 | 5 | 1 | 46,226 | 41,091 | 0,918 |
| -78 | 128 | 5 | 1 | 46,569 | 41,418 | 0,895 |
| -78 | 134 | 5 | 1 | 46,739 | 41,380 | 0,872 |
| -78 | 140 | 6 | 1 | 47,016 | 43,052 | 0,850 |
| -78 | 146 | 6 | 1 | 47,749 | 44,709 | 0,829 |
| -78 | 152 | 6 | 1 | 48,970 | 43,447 | 0,808 |
| -78 | 158 | 6 | 1 | 49,781 | 43,978 | 0,787 |
| -78 | 164 | 6 | 1 | 50,137 | 43,592 | 0,768 |
| -78 | 170 | 6 | 1 | 51,084 | 42,844 | 0,748 |
| -75 | -97 | 6 | 1 | 46,828 | 30,168 | 0,563 |

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -75 | -91 | 6 | 1 | 46,295 | 31,203 | 0,588 |
| -75 | -85 | 6 | 1 | 45,460 | 31,771 | 0,616 |
| -75 | -79 | 5 | 1 | 45,011 | 32,804 | 0,647 |
| -75 | -73 | 5 | 1 | 44,822 | 33,222 | 0,681 |
| -75 | -67 | 5 | 1 | 44,555 | 34,118 | 0,718 |
| -75 | -61 | 5 | 1 | 44,408 | 35,089 | 0,761 |
| -75 | -55 | 5 | 1 | 44,143 | 36,128 | 0,809 |
| -75 | -49 | 5 | 1 | 43,815 | 36,524 | 0,862 |
| -75 | -43 | 5 | 1 | 43,457 | 37,572 | 0,918 |
| -75 | -37 | 5 | 1 | 43,206 | 38,373 | 0,978 |
| -75 | -31 | 5 | 1 | 43,174 | 39,873 | 1,041 |
| -75 | -25 | 5 | 1 | 43,499 | 40,878 | 1,106 |
| -75 | -19 | 5 | 1 | 44,799 | 42,212 | 1,170 |
| -75 | -13 | 5 | 1 | 46,504 | 43,408 | 1,229 |
| -75 | -7 | 5 | 1 | 48,539 | 44,116 | 1,279 |
| -75 | -1 | 5 | 1 | 50,683 | 45,139 | 1,318 |
| -75 | 5 | 5 | 1 | 52,503 | 46,576 | 1,346 |
| -75 | 11 | 5 | 1 | 54,537 | 46,693 | 1,363 |
| -75 | 17 | 5 | 1 | 55,656 | 47,732 | 1,367 |
| -75 | 23 | 5 | 1 | 56,355 | 47,901 | 1,357 |
| -75 | 29 | 5 | 1 | 56,186 | 46,908 | 1,334 |
| -75 | 35 | 5 | 1 | 55,180 | 46,241 | 1,305 |
| -75 | 41 | 5 | 1 | 53,721 | 46,472 | 1,273 |
| -75 | 47 | 5 | 1 | 51,416 | 44,858 | 1,241 |
| -75 | 53 | 5 | 1 | 49,237 | 44,852 | 1,209 |
| -75 | 59 | 5 | 1 | 46,976 | 43,575 | 1,177 |
| -75 | 65 | 5 | 1 | 45,059 | 42,765 | 1,149 |
| -75 | 71 | 5 | 1 | 43,791 | 41,716 | 1,124 |
| -75 | 77 | 5 | 1 | 42,532 | 40,942 | 1,102 |
| -75 | 83 | 5 | 1 | 42,462 | 39,726 | 1,081 |
| -75 | 89 | 5 | 1 | 42,968 | 38,743 | 1,061 |
| -75 | 95 | 5 | 1 | 43,715 | 38,154 | 1,039 |
| -75 | 101 | 5 | 1 | 44,438 | 38,400 | 1,018 |
| -75 | 107 | 5 | 1 | 45,137 | 38,203 | 0,996 |
| -75 | 113 | 5 | 1 | 45,789 | 39,490 | 0,973 |
| -75 | 119 | 5 | 1 | 46,361 | 40,721 | 0,949 |
| -75 | 125 | 5 | 1 | 46,816 | 41,289 | 0,925 |
| -75 | 131 | 5 | 1 | 47,106 | 41,384 | 0,901 |
| -75 | 137 | 5 | 1 | 47,168 | 42,503 | 0,878 |
| -75 | 143 | 6 | 1 | 47,588 | 44,310 | 0,855 |
| -75 | 149 | 6 | 1 | 48,660 | 44,167 | 0,833 |
| -75 | 155 | 6 | 1 | 49,707 | 43,422 | 0,812 |
| -75 | 161 | 6 | 1 | 50,127 | 43,773 | 0,791 |
| -75 | 167 | 6 | 1 | 51,066 | 43,973 | 0,771 |
| -72 | -100 | 6 | 1 | 47,645 | 30,051 | 0,558 |
| -72 | -94 | 6 | 1 | 46,668 | 30,911 | 0,583 |
| -72 | -88 | 6 | 1 | 46,097 | 31,639 | 0,610 |
| -72 | -82 | 5 | 1 | 45,434 | 32,723 | 0,640 |
| -72 | -76 | 5 | 1 | 45,319 | 33,257 | 0,672 |
| -72 | -70 | 5 | 1 | 45,021 | 34,007 | 0,708 |
| -72 | -64 | 5 | 1 | 44,803 | 34,928 | 0,748 |
| -72 | -58 | 5 | 1 | 44,538 | 35,919 | 0,793 |
| -72 | -52 | 5 | 1 | 44,172 | 36,387 | 0,844 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -72 | -46 | 5 | 1 | 43,755 | 37,328 | 0,899 |
| -72 | -40 | 5 | 1 | 43,307 | 37,856 | 0,959 |
| -72 | -34 | 5 | 1 | 43,012 | 39,192 | 1,022 |
| -72 | -28 | 5 | 1 | 42,891 | 40,681 | 1,087 |
| -72 | -22 | 5 | 1 | 43,232 | 41,581 | 1,154 |
| -72 | -16 | 5 | 1 | 44,647 | 43,055 | 1,219 |
| -72 | -10 | 5 | 1 | 46,579 | 43,796 | 1,277 |
| -72 | -4 | 5 | 1 | 48,744 | 45,137 | 1,325 |
| -72 | 2 | 5 | 1 | 50,877 | 46,312 | 1,361 |
| -72 | 8 | 5 | 1 | 53,113 | 46,716 | 1,386 |
| -72 | 14 | 5 | 1 | 54,452 | 48,287 | 1,399 |
| -72 | 20 | 5 | 1 | 55,828 | 47,898 | 1,397 |
| -72 | 26 | 5 | 1 | 55,752 | 48,869 | 1,381 |
| -72 | 32 | 5 | 1 | 55,513 | 47,632 | 1,355 |
| -72 | 38 | 5 | 1 | 53,902 | 46,458 | 1,323 |
| -72 | 44 | 5 | 1 | 52,111 | 46,450 | 1,290 |
| -72 | 50 | 5 | 1 | 49,658 | 45,284 | 1,258 |
| -72 | 56 | 5 | 1 | 47,089 | 44,466 | 1,224 |
| -72 | 62 | 4 | 1 | 45,153 | 43,597 | 1,193 |
| -72 | 68 | 4 | 1 | 43,858 | 42,451 | 1,165 |
| -72 | 74 | 4 | 1 | 42,673 | 41,411 | 1,141 |
| -72 | 80 | 5 | 1 | 41,995 | 40,681 | 1,119 |
| -72 | 86 | 5 | 1 | 42,503 | 39,853 | 1,097 |
| -72 | 92 | 5 | 1 | 43,343 | 38,877 | 1,075 |
| -72 | 98 | 5 | 1 | 44,166 | 37,771 | 1,053 |
| -72 | 104 | 5 | 1 | 44,967 | 38,428 | 1,030 |
| -72 | 110 | 5 | 1 | 45,728 | 38,669 | 1,006 |
| -72 | 116 | 5 | 1 | 46,415 | 40,123 | 0,982 |
| -72 | 122 | 5 | 1 | 46,989 | 41,067 | 0,957 |
| -72 | 128 | 5 | 1 | 47,408 | 41,448 | 0,932 |
| -72 | 134 | 5 | 1 | 47,614 | 41,877 | 0,907 |
| -72 | 140 | 5 | 1 | 47,531 | 43,672 | 0,884 |
| -72 | 146 | 6 | 1 | 48,245 | 44,772 | 0,861 |
| -72 | 152 | 6 | 1 | 49,512 | 43,351 | 0,838 |
| -72 | 158 | 6 | 1 | 50,250 | 44,489 | 0,817 |
| -72 | 164 | 6 | 1 | 50,909 | 45,305 | 0,795 |
| -72 | 170 | 6 | 1 | 51,677 | 44,344 | 0,775 |
| -69 | -97 | 6 | 1 | 47,380 | 30,914 | 0,578 |
| -69 | -91 | 6 | 1 | 46,632 | 31,657 | 0,604 |
| -69 | -85 | 5 | 1 | 45,804 | 32,620 | 0,633 |
| -69 | -79 | 5 | 1 | 45,809 | 33,693 | 0,664 |
| -69 | -73 | 5 | 1 | 45,557 | 33,930 | 0,698 |
| -69 | -67 | 5 | 1 | 45,219 | 34,845 | 0,736 |
| -69 | -61 | 5 | 1 | 44,981 | 35,742 | 0,779 |
| -69 | -55 | 5 | 1 | 44,596 | 36,524 | 0,827 |
| -69 | -49 | 5 | 1 | 44,129 | 37,021 | 0,880 |
| -69 | -43 | 5 | 1 | 43,621 | 37,523 | 0,939 |
| -69 | -37 | 5 | 1 | 43,078 | 38,182 | 1,002 |
| -69 | -31 | 5 | 1 | 42,737 | 39,741 | 1,067 |
| -69 | -25 | 5 | 1 | 42,497 | 41,188 | 1,135 |
| -69 | -19 | 4 | 1 | 43,227 | 42,693 | 1,203 |
| -69 | -13 | 4 | 1 | 44,568 | 43,456 | 1,269 |
| -69 | -7 | 5 | 1 | 46,625 | 44,906 | 1,326 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -69 | -1 | 5 | 1 | 48,897 | 45,971 | 1,371 |
| -69 | 5 | 5 | 1 | 51,319 | 46,840 | 1,404 |
| -69 | 11 | 5 | 1 | 53,192 | 48,161 | 1,425 |
| -69 | 17 | 5 | 1 | 54,845 | 48,304 | 1,433 |
| -69 | 23 | 5 | 1 | 55,434 | 49,217 | 1,425 |
| -69 | 29 | 5 | 1 | 55,395 | 48,058 | 1,404 |
| -69 | 35 | 5 | 1 | 54,307 | 47,395 | 1,374 |
| -69 | 41 | 5 | 1 | 52,521 | 47,064 | 1,341 |
| -69 | 47 | 5 | 1 | 50,088 | 45,722 | 1,307 |
| -69 | 53 | 5 | 1 | 47,503 | 45,171 | 1,273 |
| -69 | 59 | 4 | 1 | 45,854 | 43,616 | 1,240 |
| -69 | 65 | 4 | 1 | 44,620 | 42,640 | 1,209 |
| -69 | 71 | 4 | 1 | 43,346 | 41,535 | 1,182 |
| -69 | 77 | 4 | 1 | 42,194 | 40,923 | 1,158 |
| -69 | 83 | 5 | 1 | 42,034 | 40,343 | 1,136 |
| -69 | 89 | 5 | 1 | 42,861 | 39,353 | 1,113 |
| -69 | 95 | 5 | 1 | 43,789 | 38,761 | 1,089 |
| -69 | 101 | 5 | 1 | 44,693 | 37,999 | 1,066 |
| -69 | 107 | 5 | 1 | 45,567 | 38,723 | 1,041 |
| -69 | 113 | 5 | 1 | 46,376 | 39,228 | 1,016 |
| -69 | 119 | 5 | 1 | 47,079 | 40,741 | 0,990 |
| -69 | 125 | 5 | 1 | 47,634 | 41,403 | 0,964 |
| -69 | 131 | 5 | 1 | 47,990 | 41,547 | 0,938 |
| -69 | 137 | 5 | 1 | 48,078 | 42,952 | 0,913 |
| -69 | 143 | 5 | 1 | 48,165 | 44,887 | 0,889 |
| -69 | 149 | 6 | 1 | 49,189 | 44,279 | 0,866 |
| -69 | 155 | 6 | 1 | 50,227 | 44,347 | 0,843 |
| -69 | 161 | 6 | 1 | 50,605 | 46,502 | 0,821 |
| -69 | 167 | 6 | 1 | 51,735 | 43,664 | 0,799 |
| -66 | -100 | 6 | 1 | 48,176 | 30,797 | 0,574 |
| -66 | -94 | 6 | 1 | 47,023 | 31,677 | 0,599 |
| -66 | -88 | 6 | 1 | 46,445 | 32,482 | 0,627 |
| -66 | -82 | 5 | 1 | 46,269 | 33,638 | 0,657 |
| -66 | -76 | 5 | 1 | 46,103 | 33,885 | 0,690 |
| -66 | -70 | 5 | 1 | 45,713 | 34,879 | 0,726 |
| -66 | -64 | 5 | 1 | 45,458 | 35,845 | 0,766 |
| -66 | -58 | 5 | 1 | 45,076 | 36,550 | 0,811 |
| -66 | -52 | 5 | 1 | 44,572 | 37,332 | 0,862 |
| -66 | -46 | 5 | 1 | 44,004 | 36,858 | 0,919 |
| -66 | -40 | 5 | 1 | 43,403 | 37,170 | 0,981 |
| -66 | -34 | 5 | 1 | 42,755 | 38,884 | 1,046 |
| -66 | -28 | 5 | 1 | 42,366 | 40,549 | 1,114 |
| -66 | -22 | 4 | 1 | 42,674 | 41,613 | 1,185 |
| -66 | -16 | 4 | 1 | 43,958 | 42,811 | 1,255 |
| -66 | -10 | 4 | 1 | 45,244 | 44,161 | 1,320 |
| -66 | -4 | 4 | 1 | 46,658 | 45,552 | 1,374 |
| -66 | 2 | 5 | 1 | 49,198 | 46,674 | 1,416 |
| -66 | 8 | 5 | 1 | 51,466 | 47,904 | 1,445 |
| -66 | 14 | 5 | 1 | 53,443 | 48,612 | 1,462 |
| -66 | 20 | 5 | 1 | 54,692 | 49,219 | 1,465 |
| -66 | 26 | 5 | 1 | 54,855 | 49,670 | 1,451 |
| -66 | 32 | 5 | 1 | 54,462 | 48,590 | 1,424 |
| -66 | 38 | 5 | 1 | 52,635 | 47,021 | 1,392 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -66 | 44 | 5 | 1 | 50,624 | 46,591 | 1,358 |
| -66 | 50 | 4 | 1 | 47,928 | 45,333 | 1,324 |
| -66 | 56 | 4 | 1 | 46,642 | 44,021 | 1,289 |
| -66 | 62 | 4 | 1 | 45,219 | 43,415 | 1,255 |
| -66 | 68 | 4 | 1 | 43,979 | 42,493 | 1,225 |
| -66 | 74 | 4 | 1 | 42,790 | 41,470 | 1,199 |
| -66 | 80 | 4 | 1 | 41,818 | 40,629 | 1,175 |
| -66 | 86 | 5 | 1 | 42,258 | 40,248 | 1,152 |
| -66 | 92 | 5 | 1 | 43,301 | 39,662 | 1,128 |
| -66 | 98 | 5 | 1 | 44,308 | 38,621 | 1,103 |
| -66 | 104 | 5 | 1 | 45,295 | 38,483 | 1,078 |
| -66 | 110 | 5 | 1 | 46,231 | 39,105 | 1,051 |
| -66 | 116 | 5 | 1 | 47,071 | 39,877 | 1,024 |
| -66 | 122 | 5 | 1 | 47,771 | 41,233 | 0,997 |
| -66 | 128 | 5 | 1 | 48,283 | 41,710 | 0,971 |
| -66 | 134 | 5 | 1 | 48,547 | 42,146 | 0,945 |
| -66 | 140 | 5 | 1 | 48,504 | 44,083 | 0,919 |
| -66 | 146 | 5 | 1 | 48,748 | 45,060 | 0,895 |
| -66 | 152 | 6 | 1 | 50,046 | 43,514 | 0,871 |
| -66 | 158 | 6 | 1 | 50,751 | 46,027 | 0,847 |
| -66 | 164 | 6 | 1 | 51,611 | 45,275 | 0,824 |
| -66 | 170 | 6 | 1 | 52,236 | 45,575 | 0,802 |
| -63 | -97 | 6 | 1 | 47,914 | 31,686 | 0,595 |
| -63 | -91 | 6 | 1 | 47,026 | 32,295 | 0,622 |
| -63 | -85 | 5 | 1 | 46,675 | 33,555 | 0,651 |
| -63 | -79 | 5 | 1 | 46,641 | 34,230 | 0,683 |
| -63 | -73 | 5 | 1 | 46,305 | 34,896 | 0,718 |
| -63 | -67 | 5 | 1 | 45,957 | 35,945 | 0,756 |
| -63 | -61 | 5 | 1 | 45,603 | 36,850 | 0,798 |
| -63 | -55 | 5 | 1 | 45,077 | 37,334 | 0,846 |
| -63 | -49 | 5 | 1 | 44,454 | 36,969 | 0,900 |
| -63 | -43 | 5 | 1 | 43,786 | 37,248 | 0,960 |
| -63 | -37 | 5 | 1 | 43,092 | 38,176 | 1,025 |
| -63 | -31 | 5 | 1 | 42,325 | 39,865 | 1,093 |
| -63 | -25 | 4 | 1 | 42,132 | 40,652 | 1,164 |
| -63 | -19 | 4 | 1 | 43,275 | 42,223 | 1,236 |
| -63 | -13 | 4 | 1 | 44,542 | 43,395 | 1,307 |
| -63 | -7 | 4 | 1 | 45,942 | 44,411 | 1,370 |
| -63 | -1 | 4 | 1 | 47,382 | 46,130 | 1,422 |
| -63 | 5 | 5 | 1 | 49,306 | 47,525 | 1,460 |
| -63 | 11 | 5 | 1 | 51,642 | 48,573 | 1,485 |
| -63 | 17 | 5 | 1 | 53,452 | 49,124 | 1,498 |
| -63 | 23 | 5 | 1 | 54,028 | 50,244 | 1,493 |
| -63 | 29 | 5 | 1 | 54,177 | 48,952 | 1,473 |
| -63 | 35 | 5 | 1 | 53,001 | 48,301 | 1,443 |
| -63 | 41 | 5 | 1 | 50,853 | 46,762 | 1,409 |
| -63 | 47 | 4 | 1 | 48,778 | 45,117 | 1,375 |
| -63 | 53 | 4 | 1 | 47,259 | 45,170 | 1,339 |
| -63 | 59 | 4 | 1 | 45,870 | 43,710 | 1,303 |
| -63 | 65 | 4 | 1 | 44,463 | 42,998 | 1,270 |
| -63 | 71 | 4 | 1 | 43,256 | 42,305 | 1,242 |
| -63 | 77 | 4 | 1 | 42,253 | 41,350 | 1,217 |
| -63 | 83 | 4 | 1 | 41,637 | 41,023 | 1,192 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -63 | 89 | 5 | 1 | 42,694 | 40,354 | 1,167 |
| -63 | 95 | 5 | 1 | 43,803 | 39,244 | 1,142 |
| -63 | 101 | 5 | 1 | 44,901 | 39,245 | 1,116 |
| -63 | 107 | 5 | 1 | 45,967 | 39,036 | 1,089 |
| -63 | 113 | 5 | 1 | 46,950 | 39,487 | 1,061 |
| -63 | 119 | 5 | 1 | 47,803 | 40,611 | 1,033 |
| -63 | 125 | 5 | 1 | 48,479 | 41,725 | 1,005 |
| -63 | 131 | 5 | 1 | 48,923 | 41,965 | 0,977 |
| -63 | 137 | 5 | 1 | 49,062 | 43,183 | 0,951 |
| -63 | 143 | 5 | 1 | 49,149 | 45,270 | 0,925 |
| -63 | 149 | 6 | 1 | 49,701 | 44,648 | 0,900 |
| -63 | 155 | 6 | 1 | 50,772 | 45,017 | 0,875 |
| -63 | 161 | 6 | 1 | 51,294 | 46,720 | 0,851 |
| -63 | 167 | 6 | 1 | 52,371 | 44,367 | 0,827 |
| -60 | -100 | 6 | 1 | 48,722 | 31,594 | 0,591 |
| -60 | -94 | 6 | 1 | 47,474 | 32,461 | 0,617 |
| -60 | -88 | 5 | 1 | 47,001 | 33,320 | 0,645 |
| -60 | -82 | 5 | 1 | 47,150 | 34,637 | 0,676 |
| -60 | -76 | 5 | 1 | 46,906 | 34,882 | 0,710 |
| -60 | -70 | 5 | 1 | 46,465 | 36,030 | 0,747 |
| -60 | -64 | 5 | 1 | 46,167 | 37,016 | 0,787 |
| -60 | -58 | 5 | 1 | 45,639 | 37,141 | 0,832 |
| -60 | -52 | 5 | 1 | 44,969 | 37,280 | 0,883 |
| -60 | -46 | 5 | 1 | 44,229 | 37,460 | 0,940 |
| -60 | -40 | 5 | 1 | 43,464 | 37,372 | 1,004 |
| -60 | -34 | 5 | 1 | 42,672 | 39,084 | 1,071 |
| -60 | -28 | 5 | 1 | 41,786 | 40,702 | 1,142 |
| -60 | -22 | 4 | 1 | 42,590 | 41,499 | 1,215 |
| -60 | -16 | 4 | 1 | 43,766 | 43,036 | 1,288 |
| -60 | -10 | 4 | 1 | 45,079 | 43,784 | 1,359 |
| -60 | -4 | 4 | 1 | 46,543 | 45,189 | 1,420 |
| -60 | 2 | 4 | 1 | 48,063 | 46,048 | 1,468 |
| -60 | 8 | 4 | 1 | 49,545 | 47,983 | 1,502 |
| -60 | 14 | 5 | 1 | 51,728 | 48,912 | 1,523 |
| -60 | 20 | 5 | 1 | 52,970 | 50,238 | 1,529 |
| -60 | 26 | 5 | 1 | 53,457 | 49,667 | 1,518 |
| -60 | 32 | 5 | 1 | 52,936 | 49,244 | 1,493 |
| -60 | 38 | 5 | 1 | 51,056 | 47,178 | 1,460 |
| -60 | 44 | 4 | 1 | 49,476 | 46,352 | 1,426 |
| -60 | 50 | 4 | 1 | 47,961 | 44,917 | 1,390 |
| -60 | 56 | 4 | 1 | 46,364 | 44,712 | 1,353 |
| -60 | 62 | 4 | 1 | 44,942 | 43,355 | 1,317 |
| -60 | 68 | 4 | 1 | 43,625 | 42,369 | 1,286 |
| -60 | 74 | 4 | 1 | 42,572 | 41,729 | 1,259 |
| -60 | 80 | 4 | 1 | 41,975 | 41,136 | 1,233 |
| -60 | 86 | 5 | 1 | 41,956 | 40,734 | 1,208 |
| -60 | 92 | 5 | 1 | 43,169 | 40,029 | 1,182 |
| -60 | 98 | 5 | 1 | 44,373 | 39,987 | 1,155 |
| -60 | 104 | 5 | 1 | 45,568 | 39,057 | 1,127 |
| -60 | 110 | 5 | 1 | 46,701 | 39,507 | 1,099 |
| -60 | 116 | 5 | 1 | 47,715 | 39,855 | 1,070 |
| -60 | 122 | 5 | 1 | 48,560 | 41,421 | 1,040 |
| -60 | 128 | 5 | 1 | 49,189 | 42,199 | 1,012 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -60 | 134 | 5 | 1 | 49,537 | 42,181 | 0,984 |
| -60 | 140 | 5 | 1 | 49,515 | 44,281 | 0,957 |
| -60 | 146 | 5 | 1 | 49,739 | 45,593 | 0,930 |
| -60 | 152 | 6 | 1 | 50,590 | 43,964 | 0,904 |
| -60 | 158 | 6 | 1 | 51,309 | 46,658 | 0,879 |
| -60 | 164 | 6 | 1 | 52,270 | 45,484 | 0,854 |
| -60 | 170 | 6 | 1 | 52,802 | 46,550 | 0,829 |
| -57 | -97 | 6 | 1 | 48,451 | 32,472 | 0,613 |
| -57 | -91 | 6 | 1 | 47,493 | 33,215 | 0,640 |
| -57 | -85 | 5 | 1 | 47,605 | 34,568 | 0,670 |
| -57 | -79 | 5 | 1 | 47,500 | 34,826 | 0,703 |
| -57 | -73 | 5 | 1 | 47,050 | 36,088 | 0,739 |
| -57 | -67 | 5 | 1 | 46,757 | 37,169 | 0,777 |
| -57 | -61 | 5 | 1 | 46,251 | 36,967 | 0,820 |
| -57 | -55 | 5 | 1 | 45,549 | 37,646 | 0,868 |
| -57 | -49 | 5 | 1 | 44,736 | 37,673 | 0,922 |
| -57 | -43 | 5 | 1 | 43,882 | 36,773 | 0,982 |
| -57 | -37 | 5 | 1 | 43,024 | 38,210 | 1,049 |
| -57 | -31 | 5 | 1 | 42,128 | 39,854 | 1,119 |
| -57 | -25 | 4 | 1 | 42,016 | 41,054 | 1,192 |
| -57 | -19 | 4 | 1 | 42,941 | 42,250 | 1,267 |
| -57 | -13 | 4 | 1 | 44,107 | 43,217 | 1,341 |
| -57 | -7 | 4 | 1 | 45,535 | 44,616 | 1,411 |
| -57 | -1 | 4 | 1 | 47,058 | 45,303 | 1,468 |
| -57 | 5 | 4 | 1 | 48,710 | 46,826 | 1,512 |
| -57 | 11 | 4 | 1 | 50,246 | 48,373 | 1,542 |
| -57 | 17 | 5 | 1 | 51,363 | 49,361 | 1,558 |
| -57 | 23 | 5 | 1 | 52,304 | 50,001 | 1,556 |
| -57 | 29 | 5 | 1 | 52,417 | 49,482 | 1,538 |
| -57 | 35 | 4 | 1 | 51,405 | 48,836 | 1,509 |
| -57 | 41 | 4 | 1 | 50,086 | 47,003 | 1,476 |
| -57 | 47 | 4 | 1 | 48,566 | 45,839 | 1,441 |
| -57 | 53 | 4 | 1 | 46,872 | 44,416 | 1,404 |
| -57 | 59 | 4 | 1 | 45,261 | 44,002 | 1,366 |
| -57 | 65 | 4 | 1 | 43,895 | 42,944 | 1,332 |
| -57 | 71 | 4 | 1 | 42,742 | 42,261 | 1,302 |
| -57 | 77 | 4 | 1 | 42,144 | 41,376 | 1,276 |
| -57 | 83 | 4 | 1 | 42,024 | 41,006 | 1,249 |
| -57 | 89 | 5 | 1 | 42,397 | 40,667 | 1,223 |
| -57 | 95 | 5 | 1 | 43,701 | 40,644 | 1,196 |
| -57 | 101 | 5 | 1 | 45,021 | 39,872 | 1,168 |
| -57 | 107 | 5 | 1 | 46,305 | 38,844 | 1,138 |
| -57 | 113 | 5 | 1 | 47,487 | 39,850 | 1,108 |
| -57 | 119 | 5 | 1 | 48,510 | 40,241 | 1,078 |
| -57 | 125 | 5 | 1 | 49,329 | 42,237 | 1,048 |
| -57 | 131 | 5 | 1 | 49,888 | 42,631 | 1,019 |
| -57 | 137 | 5 | 1 | 50,110 | 43,175 | 0,990 |
| -57 | 143 | 5 | 1 | 50,095 | 45,444 | 0,962 |
| -57 | 149 | 5 | 1 | 50,251 | 45,291 | 0,935 |
| -57 | 155 | 6 | 1 | 51,353 | 45,429 | 0,908 |
| -57 | 161 | 6 | 1 | 51,921 | 47,171 | 0,882 |
| -57 | 167 | 6 | 1 | 53,001 | 46,946 | 0,856 |
| -54 | -100 | 6 | 1 | 49,300 | 32,438 | 0,608 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -54 | -94 | 6 | 1 | 48,013 | 33,244 | 0,636 |
| -54 | -88 | 5 | 1 | 47,982 | 34,088 | 0,665 |
| -54 | -82 | 5 | 1 | 48,066 | 35,038 | 0,697 |
| -54 | -76 | 5 | 1 | 47,709 | 36,107 | 0,731 |
| -54 | -70 | 5 | 1 | 47,357 | 37,285 | 0,769 |
| -54 | -64 | 5 | 1 | 46,905 | 37,346 | 0,810 |
| -54 | -58 | 5 | 1 | 46,190 | 37,999 | 0,855 |
| -54 | -52 | 5 | 1 | 45,313 | 37,837 | 0,905 |
| -54 | -46 | 5 | 1 | 44,360 | 37,136 | 0,963 |
| -54 | -40 | 5 | 1 | 43,400 | 37,710 | 1,027 |
| -54 | -34 | 5 | 1 | 42,451 | 38,922 | 1,096 |
| -54 | -28 | 4 | 1 | 41,732 | 40,445 | 1,169 |
| -54 | -22 | 4 | 1 | 42,260 | 41,295 | 1,244 |
| -54 | -16 | 4 | 1 | 43,165 | 42,740 | 1,320 |
| -54 | -10 | 4 | 1 | 44,392 | 43,638 | 1,394 |
| -54 | -4 | 4 | 1 | 45,838 | 44,591 | 1,460 |
| -54 | 2 | 4 | 1 | 47,575 | 46,214 | 1,514 |
| -54 | 8 | 4 | 1 | 49,281 | 47,160 | 1,553 |
| -54 | 14 | 4 | 1 | 50,699 | 47,644 | 1,578 |
| -54 | 20 | 4 | 1 | 51,790 | 48,752 | 1,587 |
| -54 | 26 | 4 | 1 | 52,215 | 49,436 | 1,578 |
| -54 | 32 | 4 | 1 | 51,848 | 49,451 | 1,555 |
| -54 | 38 | 4 | 1 | 50,739 | 46,790 | 1,523 |
| -54 | 44 | 4 | 1 | 49,078 | 46,378 | 1,489 |
| -54 | 50 | 4 | 1 | 47,308 | 45,167 | 1,453 |
| -54 | 56 | 4 | 1 | 45,536 | 43,754 | 1,415 |
| -54 | 62 | 4 | 1 | 43,997 | 43,086 | 1,378 |
| -54 | 68 | 4 | 1 | 42,769 | 42,237 | 1,346 |
| -54 | 74 | 4 | 1 | 42,140 | 41,581 | 1,318 |
| -54 | 80 | 4 | 1 | 42,162 | 41,155 | 1,292 |
| -54 | 86 | 4 | 1 | 42,287 | 41,113 | 1,265 |
| -54 | 92 | 5 | 1 | 42,872 | 41,210 | 1,237 |
| -54 | 98 | 5 | 1 | 44,371 | 40,589 | 1,209 |
| -54 | 104 | 5 | 1 | 45,822 | 39,866 | 1,179 |
| -54 | 110 | 5 | 1 | 47,124 | 39,561 | 1,149 |
| -54 | 116 | 5 | 1 | 48,307 | 40,674 | 1,117 |
| -54 | 122 | 5 | 1 | 49,321 | 41,062 | 1,086 |
| -54 | 128 | 5 | 1 | 50,094 | 42,892 | 1,056 |
| -54 | 134 | 5 | 1 | 50,560 | 42,990 | 1,026 |
| -54 | 140 | 5 | 1 | 50,621 | 44,237 | 0,996 |
| -54 | 146 | 5 | 1 | 50,698 | 46,376 | 0,967 |
| -54 | 152 | 6 | 1 | 51,137 | 44,715 | 0,939 |
| -54 | 158 | 6 | 1 | 51,932 | 47,050 | 0,911 |
| -54 | 164 | 6 | 1 | 52,899 | 48,019 | 0,883 |
| -54 | 170 | 6 | 1 | 53,398 | 47,277 | 0,856 |
| -51 | -97 | 6 | 1 | 48,993 | 33,525 | 0,631 |
| -51 | -91 | 5 | 1 | 48,263 | 34,271 | 0,660 |
| -51 | -85 | 5 | 1 | 48,581 | 35,645 | 0,691 |
| -51 | -79 | 5 | 1 | 48,362 | 36,074 | 0,725 |
| -51 | -73 | 5 | 1 | 47,952 | 37,321 | 0,761 |
| -51 | -67 | 5 | 1 | 47,586 | 38,097 | 0,801 |
| -51 | -61 | 5 | 1 | 46,886 | 38,326 | 0,844 |
| -51 | -55 | 5 | 1 | 45,962 | 38,329 | 0,892 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -51 | -49 | 5 | 1 | 44,945 | 37,680 | 0,945 |
| -51 | -43 | 5 | 1 | 43,951 | 37,590 | 1,006 |
| -51 | -37 | 5 | 1 | 42,825 | 38,604 | 1,073 |
| -51 | -31 | 5 | 1 | 41,727 | 39,462 | 1,146 |
| -51 | -25 | 4 | 1 | 41,969 | 40,809 | 1,220 |
| -51 | -19 | 4 | 1 | 42,365 | 41,652 | 1,296 |
| -51 | -13 | 4 | 1 | 43,218 | 42,845 | 1,372 |
| -51 | -7 | 4 | 1 | 44,519 | 43,895 | 1,445 |
| -51 | -1 | 4 | 1 | 46,152 | 45,033 | 1,507 |
| -51 | 5 | 4 | 1 | 47,933 | 45,942 | 1,555 |
| -51 | 11 | 4 | 1 | 49,695 | 47,208 | 1,589 |
| -51 | 17 | 4 | 1 | 51,169 | 48,464 | 1,608 |
| -51 | 23 | 4 | 1 | 51,999 | 49,278 | 1,610 |
| -51 | 29 | 4 | 1 | 52,011 | 49,500 | 1,594 |
| -51 | 35 | 4 | 1 | 51,185 | 47,123 | 1,567 |
| -51 | 41 | 4 | 1 | 49,653 | 46,060 | 1,535 |
| -51 | 47 | 4 | 1 | 47,688 | 45,326 | 1,500 |
| -51 | 53 | 4 | 1 | 45,726 | 44,279 | 1,463 |
| -51 | 59 | 4 | 1 | 43,998 | 42,998 | 1,425 |
| -51 | 65 | 4 | 1 | 42,631 | 42,216 | 1,390 |
| -51 | 71 | 4 | 1 | 41,968 | 41,597 | 1,361 |
| -51 | 77 | 4 | 1 | 42,126 | 41,169 | 1,334 |
| -51 | 83 | 4 | 1 | 42,439 | 40,898 | 1,307 |
| -51 | 89 | 4 | 1 | 42,814 | 41,664 | 1,280 |
| -51 | 95 | 5 | 1 | 43,632 | 41,169 | 1,252 |
| -51 | 101 | 5 | 1 | 45,260 | 40,832 | 1,222 |
| -51 | 107 | 5 | 1 | 46,778 | 40,718 | 1,190 |
| -51 | 113 | 5 | 1 | 48,095 | 40,246 | 1,158 |
| -51 | 119 | 5 | 1 | 49,144 | 41,600 | 1,126 |
| -51 | 125 | 5 | 1 | 50,131 | 41,935 | 1,094 |
| -51 | 131 | 5 | 1 | 50,841 | 43,515 | 1,063 |
| -51 | 137 | 5 | 1 | 51,187 | 43,241 | 1,031 |
| -51 | 143 | 5 | 1 | 51,048 | 45,373 | 1,001 |
| -51 | 149 | 5 | 1 | 51,229 | 46,206 | 0,971 |
| -51 | 155 | 6 | 1 | 51,959 | 48,683 | 0,941 |
| -51 | 161 | 6 | 1 | 52,481 | 47,867 | 0,912 |
| -51 | 167 | 6 | 1 | 53,633 | 47,835 | 0,883 |
| -48 | -100 | 6 | 1 | 49,909 | 33,317 | 0,626 |
| -48 | -94 | 5 | 1 | 48,854 | 34,017 | 0,655 |
| -48 | -88 | 5 | 1 | 49,019 | 35,529 | 0,686 |
| -48 | -82 | 5 | 1 | 48,989 | 35,979 | 0,719 |
| -48 | -76 | 5 | 1 | 48,522 | 37,353 | 0,754 |
| -48 | -70 | 5 | 1 | 48,282 | 38,119 | 0,793 |
| -48 | -64 | 5 | 1 | 47,627 | 38,614 | 0,835 |
| -48 | -58 | 5 | 1 | 46,679 | 38,076 | 0,880 |
| -48 | -52 | 5 | 1 | 45,703 | 38,035 | 0,930 |
| -48 | -46 | 5 | 1 | 44,661 | 36,816 | 0,987 |
| -48 | -40 | 5 | 1 | 43,484 | 38,085 | 1,051 |
| -48 | -34 | 5 | 1 | 42,201 | 39,338 | 1,121 |
| -48 | -28 | 4 | 1 | 41,990 | 39,777 | 1,196 |
| -48 | -22 | 4 | 1 | 42,059 | 40,903 | 1,272 |
| -48 | -16 | 4 | 1 | 42,323 | 41,692 | 1,348 |
| -48 | -10 | 4 | 1 | 43,115 | 42,730 | 1,423 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -48 | -4 | 4 | 1 | 44,504 | 43,679 | 1,492 |
| -48 | 2 | 4 | 1 | 46,313 | 45,010 | 1,549 |
| -48 | 8 | 4 | 1 | 48,291 | 46,525 | 1,592 |
| -48 | 14 | 4 | 1 | 50,090 | 47,931 | 1,620 |
| -48 | 20 | 4 | 1 | 51,353 | 48,933 | 1,631 |
| -48 | 26 | 4 | 1 | 51,814 | 49,323 | 1,625 |
| -48 | 32 | 4 | 1 | 51,358 | 48,007 | 1,604 |
| -48 | 38 | 4 | 1 | 50,044 | 45,701 | 1,575 |
| -48 | 44 | 4 | 1 | 48,104 | 44,843 | 1,543 |
| -48 | 50 | 4 | 1 | 45,904 | 43,906 | 1,508 |
| -48 | 56 | 4 | 1 | 43,875 | 42,985 | 1,470 |
| -48 | 62 | 4 | 1 | 42,329 | 42,047 | 1,434 |
| -48 | 68 | 4 | 1 | 41,629 | 41,258 | 1,403 |
| -48 | 74 | 4 | 1 | 41,910 | 41,028 | 1,375 |
| -48 | 80 | 4 | 1 | 42,409 | 41,014 | 1,349 |
| -48 | 86 | 4 | 1 | 42,976 | 40,888 | 1,322 |
| -48 | 92 | 4 | 1 | 43,368 | 41,566 | 1,295 |
| -48 | 98 | 5 | 1 | 44,493 | 41,715 | 1,265 |
| -48 | 104 | 5 | 1 | 46,224 | 41,817 | 1,234 |
| -48 | 110 | 5 | 1 | 47,792 | 41,111 | 1,201 |
| -48 | 116 | 5 | 1 | 49,097 | 40,941 | 1,168 |
| -48 | 122 | 5 | 1 | 50,051 | 41,899 | 1,134 |
| -48 | 128 | 5 | 1 | 50,927 | 42,853 | 1,101 |
| -48 | 134 | 5 | 1 | 51,555 | 44,072 | 1,069 |
| -48 | 140 | 5 | 1 | 51,752 | 43,897 | 1,036 |
| -48 | 146 | 5 | 1 | 51,582 | 47,383 | 1,005 |
| -48 | 152 | 5 | 1 | 51,663 | 49,293 | 0,973 |
| -48 | 158 | 6 | 1 | 52,602 | 48,154 | 0,942 |
| -48 | 164 | 6 | 1 | 53,489 | 48,777 | 0,912 |
| -48 | 170 | 6 | 1 | 54,030 | 47,750 | 0,882 |
| -45 | -97 | 6 | 1 | 49,529 | 34,431 | 0,650 |
| -45 | -91 | 5 | 1 | 49,350 | 35,346 | 0,680 |
| -45 | -85 | 5 | 1 | 49,568 | 36,542 | 0,713 |
| -45 | -79 | 5 | 1 | 49,183 | 37,407 | 0,748 |
| -45 | -73 | 5 | 1 | 48,972 | 38,132 | 0,786 |
| -45 | -67 | 5 | 1 | 48,396 | 38,850 | 0,826 |
| -45 | -61 | 5 | 1 | 47,452 | 38,167 | 0,870 |
| -45 | -55 | 5 | 1 | 46,516 | 38,606 | 0,918 |
| -45 | -49 | 5 | 1 | 45,423 | 37,595 | 0,971 |
| -45 | -43 | 5 | 1 | 44,159 | 38,120 | 1,031 |
| -45 | -37 | 5 | 1 | 42,808 | 38,425 | 1,098 |
| -45 | -31 | 4 | 1 | 42,226 | 39,500 | 1,171 |
| -45 | -25 | 4 | 1 | 42,118 | 39,810 | 1,247 |
| -45 | -19 | 4 | 1 | 41,988 | 40,691 | 1,322 |
| -45 | -13 | 4 | 1 | 42,126 | 41,408 | 1,398 |
| -45 | -7 | 4 | 1 | 42,865 | 42,427 | 1,470 |
| -45 | -1 | 4 | 1 | 44,424 | 43,641 | 1,534 |
| -45 | 5 | 4 | 1 | 46,420 | 45,062 | 1,585 |
| -45 | 11 | 4 | 1 | 48,478 | 46,529 | 1,622 |
| -45 | 17 | 4 | 1 | 50,180 | 47,800 | 1,643 |
| -45 | 23 | 4 | 1 | 51,150 | 48,593 | 1,645 |
| -45 | 29 | 4 | 1 | 51,164 | 48,695 | 1,632 |
| -45 | 35 | 4 | 1 | 50,185 | 45,593 | 1,608 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -45 | 41 | 4 | 1 | 48,371 | 44,777 | 1,578 |
| -45 | 47 | 4 | 1 | 46,070 | 43,630 | 1,547 |
| -45 | 53 | 4 | 1 | 43,752 | 42,420 | 1,512 |
| -45 | 59 | 4 | 1 | 41,855 | 41,484 | 1,475 |
| -45 | 65 | 4 | 1 | 41,110 | 40,640 | 1,442 |
| -45 | 71 | 4 | 1 | 41,509 | 40,488 | 1,415 |
| -45 | 77 | 4 | 1 | 42,180 | 40,900 | 1,390 |
| -45 | 83 | 4 | 1 | 42,917 | 40,806 | 1,364 |
| -45 | 89 | 4 | 1 | 43,616 | 41,725 | 1,338 |
| -45 | 95 | 4 | 1 | 44,137 | 42,480 | 1,309 |
| -45 | 101 | 5 | 1 | 45,434 | 42,413 | 1,278 |
| -45 | 107 | 5 | 1 | 47,254 | 41,755 | 1,245 |
| -45 | 113 | 5 | 1 | 48,842 | 40,947 | 1,211 |
| -45 | 119 | 5 | 1 | 50,106 | 42,019 | 1,176 |
| -45 | 125 | 5 | 1 | 50,961 | 42,111 | 1,142 |
| -45 | 131 | 5 | 1 | 51,694 | 43,812 | 1,108 |
| -45 | 137 | 5 | 1 | 52,221 | 44,523 | 1,074 |
| -45 | 143 | 5 | 1 | 52,232 | 48,193 | 1,040 |
| -45 | 149 | 5 | 1 | 52,134 | 47,876 | 1,007 |
| -45 | 155 | 6 | 1 | 52,553 | 49,976 | 0,974 |
| -45 | 161 | 6 | 1 | 52,996 | 48,796 | 0,942 |
| -45 | 167 | 6 | 1 | 54,257 | 48,840 | 0,910 |
| -42 | -100 | 6 | 1 | 50,532 | 34,211 | 0,645 |
| -42 | -94 | 5 | 1 | 49,714 | 35,083 | 0,675 |
| -42 | -88 | 5 | 1 | 50,072 | 36,569 | 0,707 |
| -42 | -82 | 5 | 1 | 49,867 | 37,379 | 0,741 |
| -42 | -76 | 5 | 1 | 49,637 | 38,133 | 0,779 |
| -42 | -70 | 5 | 1 | 49,177 | 38,833 | 0,819 |
| -42 | -64 | 5 | 1 | 48,268 | 38,871 | 0,862 |
| -42 | -58 | 5 | 1 | 47,383 | 38,494 | 0,908 |
| -42 | -52 | 5 | 1 | 46,253 | 38,335 | 0,958 |
| -42 | -46 | 5 | 1 | 44,888 | 37,985 | 1,014 |
| -42 | -40 | 5 | 1 | 43,409 | 38,943 | 1,076 |
| -42 | -34 | 4 | 1 | 42,687 | 39,317 | 1,146 |
| -42 | -28 | 4 | 1 | 42,392 | 39,391 | 1,221 |
| -42 | -22 | 4 | 1 | 42,061 | 39,949 | 1,297 |
| -42 | -16 | 4 | 1 | 41,792 | 40,154 | 1,371 |
| -42 | -10 | 4 | 1 | 41,754 | 40,832 | 1,443 |
| -42 | -4 | 4 | 1 | 42,450 | 42,007 | 1,511 |
| -42 | 2 | 4 | 1 | 44,196 | 43,256 | 1,568 |
| -42 | 8 | 4 | 1 | 46,301 | 44,409 | 1,613 |
| -42 | 14 | 4 | 1 | 48,392 | 45,839 | 1,643 |
| -42 | 20 | 4 | 1 | 49,903 | 47,114 | 1,654 |
| -42 | 26 | 4 | 1 | 50,478 | 47,781 | 1,648 |
| -42 | 32 | 4 | 1 | 49,966 | 45,029 | 1,630 |
| -42 | 38 | 4 | 1 | 48,424 | 44,558 | 1,605 |
| -42 | 44 | 4 | 1 | 46,129 | 43,553 | 1,577 |
| -42 | 50 | 4 | 1 | 43,570 | 42,235 | 1,546 |
| -42 | 56 | 4 | 1 | 41,312 | 40,923 | 1,512 |
| -42 | 62 | 4 | 1 | 40,387 | 40,013 | 1,479 |
| -42 | 68 | 4 | 1 | 40,907 | 39,710 | 1,451 |
| -42 | 74 | 4 | 1 | 41,738 | 40,234 | 1,427 |
| -42 | 80 | 4 | 1 | 42,634 | 40,868 | 1,404 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -42 | 86 | 4 | 1 | 43,632 | 41,587 | 1,380 |
| -42 | 92 | 4 | 1 | 44,411 | 42,250 | 1,353 |
| -42 | 98 | 4 | 1 | 44,842 | 42,779 | 1,323 |
| -42 | 104 | 5 | 1 | 46,449 | 42,260 | 1,290 |
| -42 | 110 | 5 | 1 | 48,322 | 41,571 | 1,255 |
| -42 | 116 | 5 | 1 | 49,898 | 41,103 | 1,220 |
| -42 | 122 | 5 | 1 | 51,096 | 43,158 | 1,184 |
| -42 | 128 | 5 | 1 | 51,829 | 42,247 | 1,148 |
| -42 | 134 | 5 | 1 | 52,422 | 45,310 | 1,112 |
| -42 | 140 | 5 | 1 | 52,824 | 47,494 | 1,077 |
| -42 | 146 | 5 | 1 | 52,605 | 48,559 | 1,042 |
| -42 | 152 | 5 | 1 | 52,596 | 49,231 | 1,007 |
| -42 | 158 | 6 | 1 | 53,280 | 49,488 | 0,973 |
| -42 | 164 | 6 | 1 | 54,013 | 49,352 | 0,940 |
| -42 | 170 | 6 | 1 | 54,687 | 47,955 | 0,907 |
| -39 | -97 | 5 | 1 | 50,251 | 34,727 | 0,669 |
| -39 | -91 | 5 | 1 | 50,471 | 36,443 | 0,701 |
| -39 | -85 | 5 | 1 | 50,507 | 37,363 | 0,735 |
| -39 | -79 | 5 | 1 | 50,251 | 38,781 | 0,772 |
| -39 | -73 | 5 | 1 | 49,951 | 39,110 | 0,811 |
| -39 | -67 | 5 | 1 | 49,107 | 39,433 | 0,854 |
| -39 | -61 | 5 | 1 | 48,290 | 40,058 | 0,899 |
| -39 | -55 | 5 | 1 | 47,153 | 38,886 | 0,947 |
| -39 | -49 | 5 | 1 | 45,699 | 39,336 | 1,000 |
| -39 | -43 | 5 | 1 | 44,130 | 38,169 | 1,058 |
| -39 | -37 | 4 | 1 | 43,205 | 38,983 | 1,123 |
| -39 | -31 | 4 | 1 | 42,869 | 39,505 | 1,194 |
| -39 | -25 | 4 | 1 | 42,406 | 39,591 | 1,270 |
| -39 | -19 | 4 | 1 | 41,868 | 39,248 | 1,344 |
| -39 | -13 | 4 | 1 | 41,419 | 39,316 | 1,415 |
| -39 | -7 | 4 | 1 | 41,158 | 40,034 | 1,483 |
| -39 | -1 | 4 | 1 | 41,875 | 41,479 | 1,543 |
| -39 | 5 | 4 | 1 | 43,852 | 42,886 | 1,593 |
| -39 | 11 | 4 | 1 | 46,109 | 44,267 | 1,630 |
| -39 | 17 | 4 | 1 | 47,975 | 45,062 | 1,651 |
| -39 | 23 | 4 | 1 | 49,170 | 46,184 | 1,652 |
| -39 | 29 | 4 | 1 | 49,244 | 46,633 | 1,639 |
| -39 | 35 | 4 | 1 | 48,145 | 43,832 | 1,619 |
| -39 | 41 | 4 | 1 | 46,029 | 43,126 | 1,595 |
| -39 | 47 | 4 | 1 | 43,328 | 41,813 | 1,570 |
| -39 | 53 | 3 | 1 | 40,761 | 40,430 | 1,540 |
| -39 | 59 | 3 | 1 | 40,004 | 39,228 | 1,509 |
| -39 | 65 | 4 | 1 | 40,056 | 39,345 | 1,482 |
| -39 | 71 | 4 | 1 | 41,062 | 39,308 | 1,460 |
| -39 | 77 | 4 | 1 | 42,192 | 40,560 | 1,440 |
| -39 | 83 | 4 | 1 | 43,372 | 41,093 | 1,419 |
| -39 | 89 | 4 | 1 | 44,415 | 41,868 | 1,395 |
| -39 | 95 | 4 | 1 | 45,178 | 42,903 | 1,367 |
| -39 | 101 | 4 | 1 | 45,623 | 43,160 | 1,336 |
| -39 | 107 | 5 | 1 | 47,515 | 43,079 | 1,301 |
| -39 | 113 | 5 | 1 | 49,391 | 42,486 | 1,265 |
| -39 | 119 | 5 | 1 | 50,929 | 42,758 | 1,228 |
| -39 | 125 | 5 | 1 | 52,043 | 43,439 | 1,191 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -39 | 131 | 5 | 1 | 52,634 | 45,651 | 1,153 |
| -39 | 137 | 5 | 1 | 53,100 | 45,958 | 1,116 |
| -39 | 143 | 5 | 1 | 53,345 | 48,680 | 1,079 |
| -39 | 149 | 5 | 1 | 52,888 | 48,698 | 1,042 |
| -39 | 155 | 6 | 1 | 53,077 | 50,631 | 1,006 |
| -39 | 161 | 6 | 1 | 53,765 | 48,730 | 0,970 |
| -39 | 167 | 6 | 1 | 54,844 | 49,939 | 0,936 |
| -36 | -100 | 6 | 1 | 51,132 | 34,658 | 0,663 |
| -36 | -94 | 5 | 1 | 50,729 | 36,167 | 0,695 |
| -36 | -88 | 5 | 1 | 51,077 | 37,318 | 0,728 |
| -36 | -82 | 5 | 1 | 50,788 | 38,545 | 0,765 |
| -36 | -76 | 5 | 1 | 50,696 | 40,025 | 0,804 |
| -36 | -70 | 5 | 1 | 49,950 | 40,733 | 0,846 |
| -36 | -64 | 5 | 1 | 49,218 | 40,416 | 0,890 |
| -36 | -58 | 5 | 1 | 48,110 | 39,634 | 0,938 |
| -36 | -52 | 5 | 1 | 46,596 | 38,802 | 0,988 |
| -36 | -46 | 5 | 1 | 45,105 | 39,468 | 1,043 |
| -36 | -40 | 4 | 1 | 43,818 | 39,311 | 1,103 |
| -36 | -34 | 4 | 1 | 43,449 | 39,312 | 1,170 |
| -36 | -28 | 4 | 1 | 42,859 | 38,986 | 1,243 |
| -36 | -22 | 4 | 1 | 42,165 | 38,924 | 1,317 |
| -36 | -16 | 4 | 1 | 41,502 | 38,934 | 1,387 |
| -36 | -10 | 4 | 1 | 40,765 | 39,322 | 1,453 |
| -36 | -4 | 4 | 1 | 40,243 | 39,838 | 1,512 |
| -36 | 2 | 4 | 1 | 41,085 | 40,720 | 1,563 |
| -36 | 8 | 4 | 1 | 43,298 | 41,918 | 1,605 |
| -36 | 14 | 4 | 1 | 45,600 | 43,700 | 1,633 |
| -36 | 20 | 4 | 1 | 47,164 | 44,185 | 1,642 |
| -36 | 26 | 4 | 1 | 47,875 | 44,922 | 1,635 |
| -36 | 32 | 4 | 1 | 47,369 | 43,468 | 1,618 |
| -36 | 38 | 4 | 1 | 45,654 | 42,688 | 1,599 |
| -36 | 44 | 4 | 1 | 43,003 | 41,312 | 1,579 |
| -36 | 50 | 3 | 1 | 40,478 | 40,011 | 1,557 |
| -36 | 56 | 3 | 1 | 39,600 | 38,080 | 1,531 |
| -36 | 62 | 3 | 1 | 39,171 | 38,686 | 1,506 |
| -36 | 68 | 4 | 1 | 40,114 | 39,090 | 1,486 |
| -36 | 74 | 4 | 1 | 41,472 | 39,450 | 1,470 |
| -36 | 80 | 4 | 1 | 42,792 | 40,780 | 1,454 |
| -36 | 86 | 4 | 1 | 44,186 | 42,248 | 1,434 |
| -36 | 92 | 4 | 1 | 45,366 | 42,715 | 1,410 |
| -36 | 98 | 4 | 1 | 46,131 | 44,222 | 1,381 |
| -36 | 104 | 5 | 1 | 46,790 | 44,393 | 1,348 |
| -36 | 110 | 5 | 1 | 48,824 | 43,938 | 1,311 |
| -36 | 116 | 5 | 1 | 50,423 | 43,286 | 1,273 |
| -36 | 122 | 5 | 1 | 51,909 | 43,577 | 1,235 |
| -36 | 128 | 5 | 1 | 52,928 | 44,297 | 1,195 |
| -36 | 134 | 5 | 1 | 53,355 | 46,584 | 1,156 |
| -36 | 140 | 5 | 1 | 53,718 | 46,995 | 1,117 |
| -36 | 146 | 5 | 1 | 53,764 | 49,813 | 1,078 |
| -36 | 152 | 5 | 1 | 53,383 | 48,855 | 1,039 |
| -36 | 158 | 6 | 1 | 53,905 | 50,925 | 1,002 |
| -36 | 164 | 6 | 1 | 54,425 | 49,703 | 0,965 |
| -36 | 170 | 6 | 1 | 55,340 | 48,944 | 0,930 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -33 | -97 | 5 | 1 | 51,062 | 35,794 | 0,688 |
| -33 | -91 | 5 | 1 | 51,548 | 37,238 | 0,722 |
| -33 | -85 | 5 | 1 | 51,311 | 38,494 | 0,758 |
| -33 | -79 | 5 | 1 | 51,390 | 39,996 | 0,796 |
| -33 | -73 | 5 | 1 | 50,779 | 40,815 | 0,838 |
| -33 | -67 | 5 | 1 | 50,143 | 40,846 | 0,882 |
| -33 | -61 | 5 | 1 | 49,101 | 40,223 | 0,929 |
| -33 | -55 | 5 | 1 | 47,611 | 40,719 | 0,978 |
| -33 | -49 | 5 | 1 | 46,151 | 39,894 | 1,031 |
| -33 | -43 | 4 | 1 | 44,537 | 40,548 | 1,087 |
| -33 | -37 | 4 | 1 | 44,192 | 39,699 | 1,149 |
| -33 | -31 | 4 | 1 | 43,545 | 39,644 | 1,216 |
| -33 | -25 | 4 | 1 | 42,723 | 39,248 | 1,288 |
| -33 | -19 | 4 | 1 | 41,820 | 38,803 | 1,359 |
| -33 | -13 | 4 | 1 | 40,826 | 38,798 | 1,423 |
| -33 | -7 | 4 | 1 | 39,732 | 38,952 | 1,479 |
| -33 | -1 | 3 | 1 | 39,731 | 38,846 | 1,528 |
| -33 | 5 | 3 | 1 | 40,480 | 40,009 | 1,569 |
| -33 | 11 | 4 | 1 | 42,504 | 41,381 | 1,601 |
| -33 | 17 | 4 | 1 | 44,663 | 42,608 | 1,618 |
| -33 | 23 | 4 | 1 | 45,770 | 42,679 | 1,615 |
| -33 | 29 | 4 | 1 | 45,938 | 43,212 | 1,601 |
| -33 | 35 | 4 | 1 | 44,823 | 42,004 | 1,585 |
| -33 | 41 | 4 | 1 | 42,498 | 40,736 | 1,570 |
| -33 | 47 | 3 | 1 | 39,854 | 39,278 | 1,555 |
| -33 | 53 | 3 | 1 | 38,882 | 37,177 | 1,538 |
| -33 | 59 | 3 | 1 | 38,463 | 37,123 | 1,518 |
| -33 | 65 | 4 | 1 | 38,814 | 38,410 | 1,503 |
| -33 | 71 | 4 | 1 | 40,436 | 39,030 | 1,492 |
| -33 | 77 | 4 | 1 | 42,061 | 40,112 | 1,482 |
| -33 | 83 | 4 | 1 | 43,691 | 41,279 | 1,469 |
| -33 | 89 | 4 | 1 | 45,198 | 42,134 | 1,450 |
| -33 | 95 | 4 | 1 | 46,326 | 43,073 | 1,425 |
| -33 | 101 | 4 | 1 | 46,931 | 44,477 | 1,394 |
| -33 | 107 | 5 | 1 | 48,093 | 44,186 | 1,358 |
| -33 | 113 | 5 | 1 | 50,113 | 45,067 | 1,320 |
| -33 | 119 | 5 | 1 | 51,605 | 43,946 | 1,280 |
| -33 | 125 | 5 | 1 | 52,820 | 44,424 | 1,239 |
| -33 | 131 | 5 | 1 | 53,737 | 45,404 | 1,198 |
| -33 | 137 | 5 | 1 | 53,977 | 47,411 | 1,157 |
| -33 | 143 | 5 | 1 | 54,261 | 48,179 | 1,115 |
| -33 | 149 | 5 | 1 | 54,053 | 50,113 | 1,075 |
| -33 | 155 | 5 | 1 | 53,769 | 50,308 | 1,035 |
| -33 | 161 | 6 | 1 | 54,502 | 50,199 | 0,996 |
| -33 | 167 | 6 | 1 | 55,349 | 50,608 | 0,959 |
| -30 | -100 | 6 | 1 | 51,652 | 35,312 | 0,681 |
| -30 | -94 | 5 | 1 | 51,881 | 37,112 | 0,714 |
| -30 | -88 | 5 | 1 | 51,942 | 38,209 | 0,750 |
| -30 | -82 | 5 | 1 | 52,008 | 39,919 | 0,788 |
| -30 | -76 | 5 | 1 | 51,576 | 40,797 | 0,829 |
| -30 | -70 | 5 | 1 | 51,038 | 41,567 | 0,873 |
| -30 | -64 | 5 | 1 | 50,100 | 41,519 | 0,920 |
| -30 | -58 | 5 | 1 | 48,737 | 42,164 | 0,969 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -30 | -52 | 5 | 1 | 47,271 | 40,849 | 1,020 |
| -30 | -46 | 5 | 1 | 45,341 | 41,733 | 1,074 |
| -30 | -40 | 4 | 1 | 44,904 | 41,131 | 1,132 |
| -30 | -34 | 4 | 1 | 44,230 | 39,512 | 1,194 |
| -30 | -28 | 4 | 1 | 43,333 | 39,093 | 1,261 |
| -30 | -22 | 4 | 1 | 42,264 | 39,009 | 1,330 |
| -30 | -16 | 4 | 1 | 41,152 | 38,660 | 1,393 |
| -30 | -10 | 4 | 1 | 39,752 | 38,446 | 1,446 |
| -30 | -4 | 3 | 1 | 38,753 | 37,922 | 1,490 |
| -30 | 2 | 3 | 1 | 39,016 | 37,981 | 1,526 |
| -30 | 8 | 3 | 1 | 39,624 | 38,964 | 1,557 |
| -30 | 14 | 4 | 1 | 41,398 | 40,296 | 1,578 |
| -30 | 20 | 4 | 1 | 43,182 | 40,994 | 1,581 |
| -30 | 26 | 4 | 1 | 43,767 | 41,175 | 1,569 |
| -30 | 32 | 4 | 1 | 43,352 | 40,840 | 1,553 |
| -30 | 38 | 4 | 1 | 41,630 | 39,787 | 1,541 |
| -30 | 44 | 3 | 1 | 38,847 | 38,260 | 1,533 |
| -30 | 50 | 3 | 1 | 37,798 | 36,137 | 1,526 |
| -30 | 56 | 3 | 1 | 37,436 | 36,087 | 1,516 |
| -30 | 62 | 3 | 1 | 37,753 | 36,988 | 1,506 |
| -30 | 68 | 4 | 1 | 39,110 | 38,364 | 1,502 |
| -30 | 74 | 4 | 1 | 40,971 | 39,250 | 1,500 |
| -30 | 80 | 4 | 1 | 42,776 | 40,798 | 1,496 |
| -30 | 86 | 4 | 1 | 44,634 | 42,549 | 1,485 |
| -30 | 92 | 4 | 1 | 46,220 | 43,770 | 1,465 |
| -30 | 98 | 4 | 1 | 47,290 | 44,812 | 1,438 |
| -30 | 104 | 4 | 1 | 47,753 | 45,030 | 1,405 |
| -30 | 110 | 5 | 1 | 49,365 | 46,079 | 1,367 |
| -30 | 116 | 5 | 1 | 51,340 | 45,605 | 1,327 |
| -30 | 122 | 5 | 1 | 52,726 | 44,443 | 1,285 |
| -30 | 128 | 5 | 1 | 53,652 | 44,990 | 1,242 |
| -30 | 134 | 5 | 1 | 54,459 | 46,541 | 1,198 |
| -30 | 140 | 5 | 1 | 54,478 | 48,085 | 1,154 |
| -30 | 146 | 5 | 1 | 54,714 | 49,426 | 1,111 |
| -30 | 152 | 5 | 1 | 54,182 | 50,127 | 1,069 |
| -30 | 158 | 6 | 1 | 54,394 | 51,800 | 1,028 |
| -30 | 164 | 6 | 1 | 54,779 | 50,117 | 0,989 |
| -30 | 170 | 6 | 1 | 55,944 | 50,117 | 0,951 |
| -27 | -97 | 5 | 1 | 52,034 | 36,832 | 0,706 |
| -27 | -91 | 5 | 1 | 52,484 | 37,865 | 0,741 |
| -27 | -85 | 5 | 1 | 52,521 | 39,788 | 0,779 |
| -27 | -79 | 5 | 1 | 52,324 | 40,668 | 0,820 |
| -27 | -73 | 5 | 1 | 51,877 | 41,473 | 0,864 |
| -27 | -67 | 5 | 1 | 51,080 | 42,032 | 0,910 |
| -27 | -61 | 5 | 1 | 49,870 | 42,470 | 0,959 |
| -27 | -55 | 5 | 1 | 48,444 | 42,795 | 1,010 |
| -27 | -49 | 5 | 1 | 46,444 | 42,842 | 1,063 |
| -27 | -43 | 4 | 1 | 45,724 | 42,870 | 1,118 |
| -27 | -37 | 4 | 1 | 45,176 | 41,112 | 1,176 |
| -27 | -31 | 4 | 1 | 44,204 | 40,825 | 1,237 |
| -27 | -25 | 4 | 1 | 42,979 | 39,270 | 1,301 |
| -27 | -19 | 4 | 1 | 41,663 | 38,776 | 1,363 |
| -27 | -13 | 4 | 1 | 40,120 | 38,368 | 1,415 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -27 | -7 | 4 | 1 | 38,210 | 37,593 | 1,454 |
| -27 | -1 | 3 | 1 | 37,866 | 36,242 | 1,483 |
| -27 | 5 | 3 | 1 | 37,782 | 36,567 | 1,505 |
| -27 | 11 | 3 | 1 | 38,203 | 37,491 | 1,524 |
| -27 | 17 | 4 | 1 | 39,879 | 38,568 | 1,531 |
| -27 | 23 | 4 | 1 | 41,087 | 39,158 | 1,522 |
| -27 | 29 | 4 | 1 | 41,159 | 39,014 | 1,504 |
| -27 | 35 | 4 | 1 | 40,193 | 38,218 | 1,491 |
| -27 | 41 | 4 | 1 | 37,881 | 36,944 | 1,488 |
| -27 | 47 | 3 | 1 | 36,269 | 34,647 | 1,491 |
| -27 | 53 | 3 | 1 | 35,911 | 34,505 | 1,493 |
| -27 | 59 | 3 | 1 | 36,637 | 35,379 | 1,493 |
| -27 | 65 | 3 | 1 | 37,530 | 37,034 | 1,497 |
| -27 | 71 | 4 | 1 | 39,584 | 38,497 | 1,505 |
| -27 | 77 | 4 | 1 | 41,696 | 39,705 | 1,511 |
| -27 | 83 | 4 | 1 | 43,830 | 41,162 | 1,511 |
| -27 | 89 | 4 | 1 | 45,835 | 42,681 | 1,500 |
| -27 | 95 | 4 | 1 | 47,371 | 45,531 | 1,480 |
| -27 | 101 | 4 | 1 | 48,259 | 46,093 | 1,450 |
| -27 | 107 | 4 | 1 | 48,499 | 46,386 | 1,415 |
| -27 | 113 | 5 | 1 | 50,556 | 45,853 | 1,374 |
| -27 | 119 | 5 | 1 | 52,473 | 45,357 | 1,331 |
| -27 | 125 | 5 | 1 | 53,745 | 44,767 | 1,286 |
| -27 | 131 | 5 | 1 | 54,404 | 45,491 | 1,241 |
| -27 | 137 | 5 | 1 | 55,084 | 47,713 | 1,195 |
| -27 | 143 | 5 | 1 | 54,839 | 48,557 | 1,149 |
| -27 | 149 | 5 | 1 | 55,053 | 50,725 | 1,105 |
| -27 | 155 | 5 | 1 | 54,361 | 49,786 | 1,062 |
| -27 | 161 | 6 | 1 | 55,126 | 51,720 | 1,020 |
| -27 | 167 | 6 | 1 | 55,716 | 50,748 | 0,980 |
| -24 | -100 | 6 | 1 | 52,284 | 36,330 | 0,697 |
| -24 | -94 | 5 | 1 | 52,900 | 37,724 | 0,732 |
| -24 | -88 | 5 | 1 | 52,897 | 39,475 | 0,770 |
| -24 | -82 | 5 | 1 | 53,003 | 40,617 | 0,811 |
| -24 | -76 | 5 | 1 | 52,634 | 42,234 | 0,854 |
| -24 | -70 | 5 | 1 | 52,017 | 42,892 | 0,900 |
| -24 | -64 | 5 | 1 | 50,974 | 42,256 | 0,949 |
| -24 | -58 | 5 | 1 | 49,633 | 42,503 | 1,000 |
| -24 | -52 | 5 | 1 | 47,758 | 43,839 | 1,053 |
| -24 | -46 | 4 | 1 | 46,535 | 43,113 | 1,107 |
| -24 | -40 | 4 | 1 | 46,076 | 42,661 | 1,162 |
| -24 | -34 | 4 | 1 | 45,079 | 41,442 | 1,218 |
| -24 | -28 | 4 | 1 | 43,780 | 40,130 | 1,276 |
| -24 | -22 | 4 | 1 | 42,300 | 39,064 | 1,334 |
| -24 | -16 | 4 | 1 | 40,635 | 38,428 | 1,384 |
| -24 | -10 | 4 | 1 | 38,665 | 37,540 | 1,420 |
| -24 | -4 | 3 | 1 | 37,279 | 35,673 | 1,441 |
| -24 | 2 | 3 | 1 | 36,385 | 34,712 | 1,453 |
| -24 | 8 | 3 | 1 | 35,862 | 34,971 | 1,462 |
| -24 | 14 | 3 | 1 | 36,178 | 35,731 | 1,467 |
| -24 | 20 | 4 | 1 | 37,869 | 36,338 | 1,460 |
| -24 | 26 | 4 | 1 | 38,446 | 36,642 | 1,442 |
| -24 | 32 | 4 | 1 | 38,086 | 36,063 | 1,425 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -24 | 38 | 4 | 1 | 36,584 | 35,032 | 1,421 |
| -24 | 44 | 3 | 1 | 34,305 | 33,193 | 1,430 |
| -24 | 50 | 3 | 1 | 33,695 | 32,562 | 1,445 |
| -24 | 56 | 3 | 1 | 34,902 | 33,736 | 1,459 |
| -24 | 62 | 3 | 1 | 36,391 | 34,833 | 1,474 |
| -24 | 68 | 4 | 1 | 37,764 | 37,249 | 1,494 |
| -24 | 74 | 4 | 1 | 40,200 | 38,869 | 1,512 |
| -24 | 80 | 4 | 1 | 42,594 | 40,562 | 1,525 |
| -24 | 86 | 4 | 1 | 44,963 | 42,966 | 1,527 |
| -24 | 92 | 4 | 1 | 46,988 | 44,600 | 1,516 |
| -24 | 98 | 4 | 1 | 48,362 | 45,564 | 1,493 |
| -24 | 104 | 4 | 1 | 48,979 | 47,270 | 1,460 |
| -24 | 110 | 5 | 1 | 49,911 | 47,533 | 1,422 |
| -24 | 116 | 5 | 1 | 51,881 | 46,441 | 1,378 |
| -24 | 122 | 5 | 1 | 53,494 | 44,976 | 1,332 |
| -24 | 128 | 5 | 1 | 54,648 | 45,716 | 1,285 |
| -24 | 134 | 5 | 1 | 55,076 | 46,392 | 1,237 |
| -24 | 140 | 5 | 1 | 55,601 | 48,923 | 1,189 |
| -24 | 146 | 5 | 1 | 55,304 | 48,772 | 1,142 |
| -24 | 152 | 5 | 1 | 55,245 | 51,664 | 1,096 |
| -24 | 158 | 5 | 1 | 54,674 | 51,193 | 1,052 |
| -24 | 164 | 6 | 1 | 55,550 | 50,708 | 1,010 |
| -24 | 170 | 6 | 1 | 56,444 | 51,311 | 0,969 |
| -21 | -97 | 5 | 1 | 53,143 | 37,532 | 0,722 |
| -21 | -91 | 5 | 1 | 53,163 | 39,054 | 0,760 |
| -21 | -85 | 5 | 1 | 53,588 | 40,443 | 0,800 |
| -21 | -79 | 5 | 1 | 53,281 | 42,203 | 0,843 |
| -21 | -73 | 5 | 1 | 52,894 | 43,033 | 0,889 |
| -21 | -67 | 5 | 1 | 52,019 | 43,318 | 0,938 |
| -21 | -61 | 5 | 1 | 50,801 | 42,966 | 0,989 |
| -21 | -55 | 5 | 1 | 49,111 | 44,690 | 1,043 |
| -21 | -49 | 4 | 1 | 47,194 | 44,651 | 1,097 |
| -21 | -43 | 4 | 1 | 46,910 | 44,140 | 1,150 |
| -21 | -37 | 4 | 1 | 46,162 | 43,301 | 1,203 |
| -21 | -31 | 4 | 1 | 44,820 | 41,483 | 1,256 |
| -21 | -25 | 4 | 1 | 43,096 | 39,931 | 1,307 |
| -21 | -19 | 4 | 1 | 41,252 | 39,024 | 1,355 |
| -21 | -13 | 4 | 1 | 39,244 | 37,736 | 1,389 |
| -21 | -7 | 3 | 1 | 37,179 | 35,926 | 1,405 |
| -21 | -1 | 3 | 1 | 35,823 | 33,129 | 1,405 |
| -21 | 5 | 3 | 1 | 34,007 | 32,520 | 1,400 |
| -21 | 11 | 3 | 1 | 33,284 | 32,391 | 1,396 |
| -21 | 17 | 4 | 1 | 34,214 | 33,321 | 1,388 |
| -21 | 23 | 4 | 1 | 35,422 | 33,787 | 1,370 |
| -21 | 29 | 4 | 1 | 35,488 | 33,629 | 1,349 |
| -21 | 35 | 4 | 1 | 34,738 | 32,704 | 1,339 |
| -21 | 41 | 4 | 1 | 32,679 | 31,504 | 1,348 |
| -21 | 47 | 3 | 1 | 31,095 | 29,871 | 1,372 |
| -21 | 53 | 3 | 1 | 32,146 | 30,999 | 1,401 |
| -21 | 59 | 3 | 1 | 34,621 | 32,789 | 1,431 |
| -21 | 65 | 3 | 1 | 36,431 | 35,257 | 1,463 |
| -21 | 71 | 4 | 1 | 38,361 | 37,566 | 1,496 |
| -21 | 77 | 4 | 1 | 40,986 | 39,497 | 1,524 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -21 | 83 | 4 | 1 | 43,719 | 42,095 | 1,541 |
| -21 | 89 | 4 | 1 | 46,290 | 44,554 | 1,543 |
| -21 | 95 | 4 | 1 | 48,264 | 46,332 | 1,529 |
| -21 | 101 | 4 | 1 | 49,436 | 47,357 | 1,504 |
| -21 | 107 | 4 | 1 | 49,808 | 47,754 | 1,468 |
| -21 | 113 | 5 | 1 | 51,257 | 47,705 | 1,426 |
| -21 | 119 | 5 | 1 | 53,134 | 47,040 | 1,379 |
| -21 | 125 | 5 | 1 | 54,399 | 45,130 | 1,330 |
| -21 | 131 | 5 | 1 | 55,429 | 46,258 | 1,280 |
| -21 | 137 | 5 | 1 | 55,669 | 47,119 | 1,229 |
| -21 | 143 | 5 | 1 | 55,994 | 50,167 | 1,180 |
| -21 | 149 | 5 | 1 | 55,693 | 49,830 | 1,131 |
| -21 | 155 | 5 | 1 | 55,252 | 51,496 | 1,085 |
| -21 | 161 | 6 | 1 | 55,549 | 52,808 | 1,040 |
| -21 | 167 | 6 | 1 | 55,878 | 50,589 | 0,998 |
| -18 | -100 | 6 | 1 | 53,221 | 37,270 | 0,712 |
| -18 | -94 | 5 | 1 | 53,670 | 38,514 | 0,749 |
| -18 | -88 | 5 | 1 | 54,049 | 40,223 | 0,788 |
| -18 | -82 | 5 | 1 | 53,790 | 41,906 | 0,831 |
| -18 | -76 | 5 | 1 | 53,693 | 42,869 | 0,877 |
| -18 | -70 | 5 | 1 | 52,976 | 43,824 | 0,925 |
| -18 | -64 | 5 | 1 | 51,918 | 43,331 | 0,977 |
| -18 | -58 | 5 | 1 | 50,442 | 44,475 | 1,031 |
| -18 | -52 | 5 | 1 | 48,445 | 44,489 | 1,085 |
| -18 | -46 | 4 | 1 | 47,840 | 45,506 | 1,140 |
| -18 | -40 | 4 | 1 | 47,214 | 45,260 | 1,192 |
| -18 | -34 | 4 | 1 | 45,863 | 43,323 | 1,241 |
| -18 | -28 | 4 | 1 | 44,164 | 41,647 | 1,287 |
| -18 | -22 | 4 | 1 | 42,133 | 39,584 | 1,328 |
| -18 | -16 | 4 | 1 | 39,944 | 38,190 | 1,360 |
| -18 | -10 | 3 | 1 | 37,334 | 36,217 | 1,374 |
| -18 | -4 | 3 | 1 | 35,825 | 33,398 | 1,367 |
| -18 | 2 | 3 | 1 | 33,341 | 31,330 | 1,346 |
| -18 | 8 | 3 | 1 | 30,646 | 29,927 | 1,326 |
| -18 | 14 | 3 | 1 | 30,444 | 30,217 | 1,310 |
| -18 | 20 | 4 | 1 | 32,170 | 30,660 | 1,292 |
| -18 | 26 | 4 | 1 | 32,767 | 30,913 | 1,270 |
| -18 | 32 | 4 | 1 | 32,456 | 30,466 | 1,252 |
| -18 | 38 | 4 | 1 | 31,239 | 29,572 | 1,253 |
| -18 | 44 | 4 | 1 | 28,737 | 28,259 | 1,278 |
| -18 | 50 | 3 | 1 | 28,298 | 27,983 | 1,319 |
| -18 | 56 | 3 | 1 | 31,776 | 30,182 | 1,365 |
| -18 | 62 | 3 | 1 | 34,755 | 32,610 | 1,414 |
| -18 | 68 | 3 | 1 | 36,730 | 35,824 | 1,461 |
| -18 | 74 | 4 | 1 | 39,136 | 38,261 | 1,505 |
| -18 | 80 | 4 | 1 | 42,113 | 40,770 | 1,538 |
| -18 | 86 | 4 | 1 | 45,097 | 43,482 | 1,557 |
| -18 | 92 | 4 | 1 | 47,629 | 45,426 | 1,558 |
| -18 | 98 | 4 | 1 | 49,339 | 48,162 | 1,542 |
| -18 | 104 | 4 | 1 | 50,175 | 48,898 | 1,512 |
| -18 | 110 | 4 | 1 | 50,329 | 48,394 | 1,472 |
| -18 | 116 | 5 | 1 | 52,469 | 47,282 | 1,426 |
| -18 | 122 | 5 | 1 | 54,246 | 46,949 | 1,376 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| -18 | 128 | 5 | 1 | 55,193 | 46,349 | 1,324 |
| -18 | 134 | 5 | 1 | 56,082 | 47,497 | 1,271 |
| -18 | 140 | 5 | 1 | 56,181 | 47,795 | 1,219 |
| -18 | 146 | 5 | 1 | 56,241 | 50,574 | 1,168 |
| -18 | 152 | 5 | 1 | 55,961 | 51,255 | 1,119 |
| -18 | 158 | 5 | 1 | 55,026 | 50,897 | 1,072 |
| -18 | 164 | 6 | 1 | 56,150 | 52,239 | 1,027 |
| -18 | 170 | 6 | 1 | 56,777 | 51,559 | 0,985 |
| -15 | -97 | 5 | 1 | 54,021 | 37,928 | 0,736 |
| -15 | -91 | 5 | 1 | 54,345 | 39,950 | 0,776 |
| -15 | -85 | 5 | 1 | 54,251 | 41,487 | 0,818 |
| -15 | -79 | 5 | 1 | 54,394 | 42,557 | 0,863 |
| -15 | -73 | 5 | 1 | 53,819 | 43,676 | 0,912 |
| -15 | -67 | 5 | 1 | 52,962 | 44,022 | 0,963 |
| -15 | -61 | 5 | 1 | 51,711 | 44,101 | 1,017 |
| -15 | -55 | 5 | 1 | 49,793 | 45,368 | 1,073 |
| -15 | -49 | 4 | 1 | 48,567 | 46,137 | 1,128 |
| -15 | -43 | 4 | 1 | 48,108 | 45,344 | 1,181 |
| -15 | -37 | 4 | 1 | 47,140 | 45,115 | 1,230 |
| -15 | -31 | 4 | 1 | 45,355 | 43,586 | 1,272 |
| -15 | -25 | 4 | 1 | 43,144 | 41,243 | 1,307 |
| -15 | -19 | 4 | 1 | 40,787 | 38,993 | 1,334 |
| -15 | -13 | 4 | 1 | 38,109 | 36,912 | 1,347 |
| -15 | -7 | 3 | 1 | 36,091 | 34,055 | 1,336 |
| -15 | -1 | 3 | 1 | 33,469 | 30,424 | 1,305 |
| -15 | 5 | 3 | 1 | 29,636 | 28,340 | 1,267 |
| -15 | 11 | 3 | 1 | 27,355 | 26,801 | 1,236 |
| -15 | 17 | 4 | 1 | 28,814 | 27,671 | 1,212 |
| -15 | 23 | 4 | 1 | 29,991 | 28,229 | 1,191 |
| -15 | 29 | 4 | 1 | 30,141 | 28,155 | 1,169 |
| -15 | 35 | 4 | 1 | 29,441 | 27,428 | 1,159 |
| -15 | 41 | 4 | 1 | 27,729 | 26,512 | 1,174 |
| -15 | 47 | 3 | 1 | 25,434 | 24,875 | 1,217 |
| -15 | 53 | 3 | 1 | 27,706 | 26,974 | 1,277 |
| -15 | 59 | 3 | 1 | 31,993 | 30,163 | 1,343 |
| -15 | 65 | 3 | 1 | 35,078 | 33,062 | 1,408 |
| -15 | 71 | 3 | 1 | 37,162 | 36,553 | 1,467 |
| -15 | 77 | 4 | 1 | 40,132 | 38,978 | 1,518 |
| -15 | 83 | 4 | 1 | 43,419 | 41,699 | 1,555 |
| -15 | 89 | 4 | 1 | 46,454 | 45,629 | 1,574 |
| -15 | 95 | 4 | 1 | 48,936 | 47,539 | 1,572 |
| -15 | 101 | 4 | 1 | 50,436 | 48,379 | 1,551 |
| -15 | 107 | 4 | 1 | 50,956 | 48,988 | 1,516 |
| -15 | 113 | 5 | 1 | 51,715 | 49,203 | 1,472 |
| -15 | 119 | 5 | 1 | 53,538 | 47,563 | 1,421 |
| -15 | 125 | 5 | 1 | 55,213 | 46,457 | 1,368 |
| -15 | 131 | 5 | 1 | 55,883 | 47,097 | 1,313 |
| -15 | 137 | 5 | 1 | 56,600 | 48,756 | 1,258 |
| -15 | 143 | 5 | 1 | 56,600 | 49,067 | 1,205 |
| -15 | 149 | 5 | 1 | 56,309 | 50,660 | 1,154 |
| -15 | 155 | 5 | 1 | 56,066 | 52,709 | 1,104 |
| -15 | 161 | 6 | 1 | 55,680 | 51,925 | 1,057 |
| -15 | 167 | 6 | 1 | 56,344 | 50,889 | 1,013 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| -12 | -100 | 5 | 1 | 54,155 | 37,683 | 0,723 |
| -12 | -94 | 5 | 1 | 54,427 | 39,576 | 0,762 |
| -12 | -88 | 5 | 1 | 54,800 | 40,939 | 0,803 |
| -12 | -82 | 5 | 1 | 54,974 | 42,695 | 0,848 |
| -12 | -76 | 5 | 1 | 54,523 | 43,399 | 0,896 |
| -12 | -70 | 5 | 1 | 53,920 | 43,677 | 0,947 |
| -12 | -64 | 5 | 1 | 52,889 | 43,640 | 1,001 |
| -12 | -58 | 5 | 1 | 51,085 | 46,017 | 1,058 |
| -12 | -52 | 5 | 1 | 49,172 | 45,886 | 1,114 |
| -12 | -46 | 4 | 1 | 49,099 | 46,569 | 1,169 |
| -12 | -40 | 4 | 1 | 48,287 | 46,091 | 1,219 |
| -12 | -34 | 4 | 1 | 46,664 | 44,384 | 1,261 |
| -12 | -28 | 4 | 1 | 44,417 | 42,830 | 1,293 |
| -12 | -22 | 4 | 1 | 41,778 | 39,907 | 1,314 |
| -12 | -16 | 4 | 1 | 39,028 | 37,862 | 1,323 |
| -12 | -10 | 3 | 1 | 36,552 | 35,359 | 1,313 |
| -12 | -4 | 3 | 1 | 34,047 | 31,094 | 1,278 |
| -12 | 2 | 3 | 1 | 29,983 | 27,942 | 1,225 |
| -12 | 8 | 2 | 1 | 25,001 | 24,648 | 1,174 |
| -12 | 14 | 4 | 1 | 25,519 | 24,868 | 1,137 |
| -12 | 20 | 4 | 1 | 27,190 | 25,726 | 1,112 |
| -12 | 26 | 4 | 1 | 27,786 | 25,984 | 1,091 |
| -12 | 32 | 4 | 1 | 27,563 | 25,616 | 1,073 |
| -12 | 38 | 4 | 1 | 26,473 | 24,537 | 1,073 |
| -12 | 44 | 4 | 1 | 24,409 | 23,454 | 1,107 |
| -12 | 50 | 2 | 1 | 22,934 | 22,694 | 1,171 |
| -12 | 56 | 3 | 1 | 28,091 | 26,769 | 1,251 |
| -12 | 62 | 3 | 1 | 32,583 | 30,285 | 1,336 |
| -12 | 68 | 3 | 1 | 35,607 | 34,071 | 1,413 |
| -12 | 74 | 4 | 1 | 37,822 | 37,517 | 1,479 |
| -12 | 80 | 4 | 1 | 41,348 | 40,441 | 1,535 |
| -12 | 86 | 4 | 1 | 44,883 | 43,934 | 1,574 |
| -12 | 92 | 4 | 1 | 48,025 | 46,311 | 1,591 |
| -12 | 98 | 4 | 1 | 50,151 | 48,620 | 1,583 |
| -12 | 104 | 4 | 1 | 51,148 | 49,927 | 1,556 |
| -12 | 110 | 4 | 1 | 51,450 | 49,275 | 1,516 |
| -12 | 116 | 5 | 1 | 53,021 | 48,757 | 1,466 |
| -12 | 122 | 5 | 1 | 54,619 | 47,851 | 1,412 |
| -12 | 128 | 5 | 1 | 56,035 | 46,619 | 1,356 |
| -12 | 134 | 5 | 1 | 56,478 | 46,700 | 1,299 |
| -12 | 140 | 5 | 1 | 56,972 | 49,489 | 1,243 |
| -12 | 146 | 5 | 1 | 56,907 | 50,407 | 1,189 |
| -12 | 152 | 5 | 1 | 56,191 | 50,362 | 1,137 |
| -12 | 158 | 5 | 1 | 55,954 | 52,639 | 1,087 |
| -12 | 164 | 6 | 1 | 56,492 | 53,231 | 1,041 |
| -12 | 170 | 6 | 1 | 56,880 | 51,204 | 0,997 |
| -9 | -97 | 5 | 1 | 54,553 | 38,885 | 0,747 |
| -9 | -91 | 5 | 1 | 55,210 | 40,253 | 0,788 |
| -9 | -85 | 5 | 1 | 55,401 | 42,356 | 0,832 |
| -9 | -79 | 5 | 1 | 55,060 | 43,091 | 0,879 |
| -9 | -73 | 5 | 1 | 54,777 | 44,505 | 0,930 |
| -9 | -67 | 5 | 1 | 53,951 | 44,374 | 0,984 |
| -9 | -61 | 5 | 1 | 52,386 | 45,829 | 1,040 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| -9 | -55 | 5 | 1 | 50,638 | 46,097 | 1,098 |
| -9 | -49 | 4 | 1 | 49,834 | 47,355 | 1,155 |
| -9 | -43 | 4 | 1 | 49,285 | 46,310 | 1,208 |
| -9 | -37 | 4 | 1 | 48,044 | 46,234 | 1,252 |
| -9 | -31 | 4 | 1 | 45,798 | 43,492 | 1,284 |
| -9 | -25 | 4 | 1 | 43,063 | 41,507 | 1,301 |
| -9 | -19 | 4 | 1 | 40,059 | 38,788 | 1,305 |
| -9 | -13 | 3 | 1 | 37,061 | 36,260 | 1,294 |
| -9 | -7 | 3 | 1 | 34,799 | 32,344 | 1,260 |
| -9 | -1 | 3 | 1 | 30,887 | 28,437 | 1,200 |
| -9 | 5 | 3 | 1 | 25,518 | 24,267 | 1,131 |
| -9 | 11 | 4 | 1 | 22,443 | 22,067 | 1,074 |
| -9 | 17 | 4 | 1 | 24,375 | 23,090 | 1,036 |
| -9 | 23 | 4 | 1 | 25,404 | 23,785 | 1,013 |
| -9 | 29 | 4 | 1 | 25,514 | 23,831 | 0,994 |
| -9 | 35 | 4 | 1 | 25,009 | 23,042 | 0,982 |
| -9 | 41 | 4 | 1 | 23,656 | 22,032 | 0,999 |
| -9 | 47 | 4 | 1 | 21,578 | 20,606 | 1,056 |
| -9 | 53 | 3 | 1 | 23,442 | 22,665 | 1,142 |
| -9 | 59 | 3 | 1 | 28,932 | 27,302 | 1,243 |
| -9 | 65 | 3 | 1 | 33,348 | 31,238 | 1,342 |
| -9 | 71 | 3 | 1 | 36,203 | 34,947 | 1,426 |
| -9 | 77 | 4 | 1 | 38,969 | 38,497 | 1,497 |
| -9 | 83 | 4 | 1 | 42,794 | 41,930 | 1,556 |
| -9 | 89 | 4 | 1 | 46,536 | 45,123 | 1,594 |
| -9 | 95 | 4 | 1 | 49,342 | 48,302 | 1,604 |
| -9 | 101 | 4 | 1 | 51,198 | 49,435 | 1,590 |
| -9 | 107 | 4 | 1 | 51,919 | 49,822 | 1,556 |
| -9 | 113 | 5 | 1 | 51,988 | 50,107 | 1,509 |
| -9 | 119 | 5 | 1 | 54,171 | 48,141 | 1,455 |
| -9 | 125 | 5 | 1 | 55,589 | 47,869 | 1,398 |
| -9 | 131 | 5 | 1 | 56,714 | 47,167 | 1,339 |
| -9 | 137 | 5 | 1 | 56,978 | 47,379 | 1,280 |
| -9 | 143 | 5 | 1 | 57,176 | 49,909 | 1,224 |
| -9 | 149 | 5 | 1 | 57,069 | 51,790 | 1,169 |
| -9 | 155 | 5 | 1 | 56,425 | 51,521 | 1,118 |
| -9 | 161 | 6 | 1 | 55,831 | 51,714 | 1,069 |
| -9 | 167 | 6 | 1 | 56,911 | 52,366 | 1,023 |
| -6 | -100 | 5 | 1 | 54,839 | 38,051 | 0,732 |
| -6 | -94 | 5 | 1 | 55,427 | 39,913 | 0,771 |
| -6 | -88 | 5 | 1 | 55,631 | 41,957 | 0,814 |
| -6 | -82 | 5 | 1 | 55,533 | 42,759 | 0,861 |
| -6 | -76 | 5 | 1 | 55,521 | 44,914 | 0,911 |
| -6 | -70 | 5 | 1 | 54,879 | 45,458 | 0,964 |
| -6 | -64 | 5 | 1 | 53,563 | 45,365 | 1,020 |
| -6 | -58 | 5 | 1 | 52,018 | 46,658 | 1,079 |
| -6 | -52 | 4 | 1 | 50,296 | 47,073 | 1,137 |
| -6 | -46 | 4 | 1 | 50,269 | 47,762 | 1,193 |
| -6 | -40 | 4 | 1 | 49,215 | 46,570 | 1,241 |
| -6 | -34 | 4 | 1 | 47,362 | 45,578 | 1,276 |
| -6 | -28 | 4 | 1 | 44,533 | 42,422 | 1,294 |
| -6 | -22 | 4 | 1 | 41,303 | 39,673 | 1,294 |
| -6 | -16 | 4 | 1 | 37,955 | 36,970 | 1,280 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| -6 | -10 | 3 | 1 | 35,577 | 33,827 | 1,249 |
| -6 | -4 | 3 | 1 | 32,056 | 29,318 | 1,189 |
| -6 | 2 | 3 | 1 | 26,761 | 25,276 | 1,107 |
| -6 | 8 | 3 | 1 | 20,944 | 20,320 | 1,030 |
| -6 | 14 | 4 | 1 | 21,668 | 20,358 | 0,972 |
| -6 | 20 | 4 | 1 | 23,030 | 21,502 | 0,936 |
| -6 | 26 | 4 | 1 | 23,436 | 21,844 | 0,915 |
| -6 | 32 | 4 | 1 | 23,258 | 21,826 | 0,900 |
| -6 | 38 | 4 | 1 | 22,581 | 20,369 | 0,901 |
| -6 | 44 | 4 | 1 | 21,112 | 19,210 | 0,944 |
| -6 | 50 | 4 | 1 | 19,494 | 18,944 | 1,026 |
| -6 | 56 | 3 | 1 | 24,517 | 23,299 | 1,135 |
| -6 | 62 | 3 | 1 | 30,056 | 28,456 | 1,254 |
| -6 | 68 | 3 | 1 | 34,232 | 31,976 | 1,360 |
| -6 | 74 | 3 | 1 | 36,933 | 36,090 | 1,445 |
| -6 | 80 | 4 | 1 | 40,310 | 39,669 | 1,519 |
| -6 | 86 | 4 | 1 | 44,518 | 43,252 | 1,579 |
| -6 | 92 | 4 | 1 | 48,066 | 47,067 | 1,611 |
| -6 | 98 | 4 | 1 | 50,709 | 48,660 | 1,613 |
| -6 | 104 | 4 | 1 | 51,972 | 50,510 | 1,590 |
| -6 | 110 | 4 | 1 | 52,334 | 50,146 | 1,548 |
| -6 | 116 | 5 | 1 | 53,354 | 49,856 | 1,496 |
| -6 | 122 | 5 | 1 | 55,162 | 48,170 | 1,438 |
| -6 | 128 | 5 | 1 | 56,376 | 47,428 | 1,378 |
| -6 | 134 | 5 | 1 | 57,248 | 47,852 | 1,318 |
| -6 | 140 | 5 | 1 | 57,378 | 48,682 | 1,259 |
| -6 | 146 | 5 | 1 | 57,180 | 49,998 | 1,202 |
| -6 | 152 | 5 | 1 | 57,041 | 52,236 | 1,148 |
| -6 | 158 | 5 | 1 | 56,466 | 53,162 | 1,097 |
| -6 | 164 | 6 | 1 | 56,495 | 52,538 | 1,048 |
| -6 | 170 | 6 | 1 | 56,791 | 51,500 | 1,003 |
| -3 | -97 | 5 | 1 | 55,382 | 39,523 | 0,754 |
| -3 | -91 | 5 | 1 | 55,611 | 41,352 | 0,796 |
| -3 | -85 | 5 | 1 | 56,067 | 42,826 | 0,841 |
| -3 | -79 | 5 | 1 | 56,128 | 44,335 | 0,890 |
| -3 | -73 | 5 | 1 | 55,652 | 45,543 | 0,942 |
| -3 | -67 | 5 | 1 | 54,575 | 44,859 | 0,998 |
| -3 | -61 | 5 | 1 | 53,291 | 46,924 | 1,056 |
| -3 | -55 | 5 | 1 | 51,355 | 46,866 | 1,116 |
| -3 | -49 | 4 | 1 | 50,952 | 48,252 | 1,174 |
| -3 | -43 | 4 | 1 | 50,366 | 47,633 | 1,226 |
| -3 | -37 | 4 | 1 | 48,764 | 46,356 | 1,267 |
| -3 | -31 | 4 | 1 | 46,218 | 44,623 | 1,289 |
| -3 | -25 | 4 | 1 | 42,858 | 41,132 | 1,289 |
| -3 | -19 | 4 | 1 | 39,208 | 38,454 | 1,272 |
| -3 | -13 | 3 | 1 | 36,337 | 35,092 | 1,241 |
| -3 | -7 | 3 | 1 | 33,311 | 30,589 | 1,187 |
| -3 | -1 | 3 | 1 | 28,368 | 26,404 | 1,103 |
| -3 | 5 | 3 | 1 | 22,392 | 21,249 | 1,009 |
| -3 | 11 | 4 | 1 | 19,593 | 18,654 | 0,928 |
| -3 | 17 | 4 | 1 | 20,802 | 19,246 | 0,870 |
| -3 | 23 | 4 | 1 | 21,517 | 19,903 | 0,838 |
| -3 | 29 | 4 | 1 | 21,512 | 20,126 | 0,821 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| -3 | 35 | 4 | 1 | 21,240 | 18,729 | 0,816 |
| -3 | 41 | 4 | 1 | 20,458 | 18,302 | 0,841 |
| -3 | 47 | 4 | 1 | 19,212 | 17,426 | 0,913 |
| -3 | 53 | 3 | 1 | 20,243 | 19,393 | 1,021 |
| -3 | 59 | 3 | 1 | 25,966 | 24,668 | 1,152 |
| -3 | 65 | 3 | 1 | 31,389 | 30,057 | 1,280 |
| -3 | 71 | 3 | 1 | 35,136 | 33,369 | 1,384 |
| -3 | 77 | 3 | 1 | 37,880 | 37,217 | 1,468 |
| -3 | 83 | 4 | 1 | 42,070 | 40,844 | 1,544 |
| -3 | 89 | 4 | 1 | 46,247 | 45,318 | 1,601 |
| -3 | 95 | 4 | 1 | 49,679 | 47,921 | 1,624 |
| -3 | 101 | 4 | 1 | 51,659 | 50,419 | 1,615 |
| -3 | 107 | 4 | 1 | 52,655 | 50,235 | 1,582 |
| -3 | 113 | 4 | 1 | 52,412 | 50,844 | 1,534 |
| -3 | 119 | 5 | 1 | 54,541 | 49,208 | 1,477 |
| -3 | 125 | 5 | 1 | 56,002 | 48,030 | 1,416 |
| -3 | 131 | 5 | 1 | 56,972 | 47,549 | 1,354 |
| -3 | 137 | 5 | 1 | 57,627 | 48,969 | 1,293 |
| -3 | 143 | 5 | 1 | 57,657 | 50,046 | 1,234 |
| -3 | 149 | 5 | 1 | 57,156 | 50,206 | 1,177 |
| -3 | 155 | 5 | 1 | 56,766 | 51,694 | 1,124 |
| -3 | 161 | 6 | 1 | 56,362 | 53,415 | 1,073 |
| -3 | 167 | 6 | 1 | 57,181 | 53,400 | 1,026 |
| 0 | -100 | 5 | 1 | 55,109 | 38,882 | 0,736 |
| 0 | -94 | 5 | 1 | 55,930 | 40,498 | 0,776 |
| 0 | -88 | 5 | 1 | 56,439 | 42,079 | 0,820 |
| 0 | -82 | 5 | 1 | 56,566 | 44,167 | 0,868 |
| 0 | -76 | 5 | 1 | 56,241 | 44,939 | 0,919 |
| 0 | -70 | 5 | 1 | 55,396 | 46,077 | 0,974 |
| 0 | -64 | 5 | 1 | 54,440 | 46,787 | 1,031 |
| 0 | -58 | 5 | 1 | 52,785 | 47,269 | 1,091 |
| 0 | -52 | 4 | 1 | 51,334 | 47,924 | 1,151 |
| 0 | -46 | 4 | 1 | 51,283 | 48,943 | 1,207 |
| 0 | -40 | 4 | 1 | 50,103 | 47,375 | 1,253 |
| 0 | -34 | 4 | 1 | 47,818 | 45,493 | 1,282 |
| 0 | -28 | 4 | 1 | 44,591 | 42,902 | 1,287 |
| 0 | -22 | 4 | 1 | 40,788 | 39,492 | 1,270 |
| 0 | -16 | 3 | 1 | 37,153 | 36,326 | 1,238 |
| 0 | -10 | 3 | 1 | 34,504 | 32,353 | 1,191 |
| 0 | -4 | 3 | 1 | 30,120 | 27,752 | 1,114 |
| 0 | 2 | 3 | 1 | 24,220 | 22,785 | 1,011 |
| 0 | 8 | 3 | 1 | 18,574 | 18,267 | 0,911 |
| 0 | 14 | 4 | 1 | 19,158 | 17,982 | 0,828 |
| 0 | 20 | 4 | 1 | 19,890 | 18,197 | 0,775 |
| 0 | 26 | 4 | 1 | 20,049 | 18,554 | 0,750 |
| 0 | 32 | 4 | 1 | 19,905 | 18,770 | 0,741 |
| 0 | 38 | 4 | 1 | 19,618 | 17,627 | 0,754 |
| 0 | 44 | 4 | 1 | 18,915 | 17,078 | 0,808 |
| 0 | 50 | 4 | 1 | 18,183 | 16,794 | 0,909 |
| 0 | 56 | 3 | 1 | 21,741 | 20,963 | 1,040 |
| 0 | 62 | 3 | 1 | 27,686 | 26,535 | 1,186 |
| 0 | 68 | 3 | 1 | 32,758 | 31,062 | 1,314 |
| 0 | 74 | 3 | 1 | 36,107 | 34,705 | 1,411 |

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Załącznik nr 21

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

| | | | | | | |
|---|-----|---|---|--------|--------|-------|
| 0 | 80 | 4 | 1 | 39,357 | 38,988 | 1,495 |
| 0 | 86 | 4 | 1 | 43,923 | 43,198 | 1,571 |
| 0 | 92 | 4 | 1 | 48,114 | 46,539 | 1,618 |
| 0 | 98 | 4 | 1 | 50,952 | 49,617 | 1,628 |
| 0 | 104 | 4 | 1 | 52,577 | 50,582 | 1,608 |
| 0 | 110 | 4 | 1 | 52,951 | 50,950 | 1,566 |
| 0 | 116 | 5 | 1 | 53,519 | 50,584 | 1,512 |
| 0 | 122 | 5 | 1 | 55,542 | 48,471 | 1,451 |
| 0 | 128 | 5 | 1 | 56,700 | 47,612 | 1,388 |
| 0 | 134 | 5 | 1 | 57,366 | 47,942 | 1,326 |
| 0 | 140 | 5 | 1 | 57,834 | 49,493 | 1,264 |
| 0 | 146 | 5 | 1 | 57,781 | 51,443 | 1,206 |
| 0 | 152 | 5 | 1 | 57,297 | 51,803 | 1,150 |
| 0 | 158 | 5 | 1 | 56,464 | 51,631 | 1,098 |
| 0 | 164 | 6 | 1 | 56,437 | 52,082 | 1,048 |
| 0 | 170 | 6 | 1 | 57,331 | 51,997 | 1,002 |
| 3 | -97 | 5 | 1 | 56,080 | 39,521 | 0,757 |
| 3 | -91 | 5 | 1 | 56,589 | 41,583 | 0,799 |
| 3 | -85 | 5 | 1 | 56,788 | 43,662 | 0,845 |
| 3 | -79 | 5 | 1 | 56,613 | 44,207 | 0,894 |
| 3 | -73 | 5 | 1 | 56,167 | 45,563 | 0,948 |
| 3 | -67 | 5 | 1 | 55,452 | 46,274 | 1,004 |
| 3 | -61 | 5 | 1 | 54,074 | 47,337 | 1,064 |
| 3 | -55 | 5 | 1 | 51,968 | 47,630 | 1,124 |
| 3 | -49 | 4 | 1 | 51,868 | 48,796 | 1,183 |
| 3 | -43 | 4 | 1 | 51,264 | 48,971 | 1,234 |
| 3 | -37 | 4 | 1 | 49,435 | 46,932 | 1,271 |
| 3 | -31 | 4 | 1 | 46,388 | 43,996 | 1,284 |
| 3 | -25 | 4 | 1 | 42,512 | 40,900 | 1,271 |
| 3 | -19 | 4 | 1 | 38,400 | 37,709 | 1,238 |
| 3 | -13 | 3 | 1 | 35,611 | 34,021 | 1,197 |
| 3 | -7 | 3 | 1 | 31,959 | 29,136 | 1,132 |
| 3 | -1 | 3 | 1 | 26,393 | 24,612 | 1,033 |
| 3 | 5 | 3 | 1 | 20,380 | 19,141 | 0,919 |
| 3 | 11 | 4 | 1 | 18,151 | 16,831 | 0,815 |
| 3 | 17 | 4 | 1 | 18,714 | 17,387 | 0,736 |
| 3 | 23 | 4 | 1 | 18,958 | 17,329 | 0,692 |
| 3 | 29 | 4 | 1 | 18,874 | 17,654 | 0,678 |
| 3 | 35 | 4 | 1 | 18,770 | 16,841 | 0,683 |
| 3 | 41 | 4 | 1 | 18,530 | 16,709 | 0,721 |
| 3 | 47 | 4 | 1 | 18,134 | 15,991 | 0,805 |
| 3 | 53 | 3 | 1 | 18,172 | 17,757 | 0,928 |
| 3 | 59 | 3 | 1 | 23,662 | 22,738 | 1,080 |
| 3 | 65 | 3 | 1 | 29,587 | 28,101 | 1,232 |
| 3 | 71 | 3 | 1 | 34,106 | 32,187 | 1,350 |
| 3 | 77 | 3 | 1 | 37,244 | 36,492 | 1,438 |
| 3 | 83 | 4 | 1 | 41,342 | 40,574 | 1,524 |
| 3 | 89 | 4 | 1 | 46,060 | 44,544 | 1,594 |
| 3 | 95 | 4 | 1 | 49,707 | 48,466 | 1,628 |
| 3 | 101 | 4 | 1 | 52,081 | 50,333 | 1,624 |
| 3 | 107 | 4 | 1 | 53,114 | 50,909 | 1,592 |
| 3 | 113 | 4 | 1 | 52,911 | 51,456 | 1,543 |
| 3 | 119 | 5 | 1 | 54,694 | 49,906 | 1,484 |

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Załącznik nr 21

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

| | | | | | | |
|---|------|---|---|--------|--------|-------|
| 3 | 125 | 5 | 1 | 56,361 | 48,012 | 1,421 |
| 3 | 131 | 5 | 1 | 57,263 | 47,897 | 1,357 |
| 3 | 137 | 5 | 1 | 57,539 | 47,391 | 1,294 |
| 3 | 143 | 5 | 1 | 57,833 | 49,672 | 1,233 |
| 3 | 149 | 5 | 1 | 57,700 | 51,680 | 1,176 |
| 3 | 155 | 5 | 1 | 57,220 | 53,378 | 1,121 |
| 3 | 161 | 5 | 1 | 56,461 | 53,507 | 1,070 |
| 3 | 167 | 6 | 1 | 57,090 | 52,516 | 1,022 |
| 6 | -100 | 5 | 1 | 55,899 | 39,111 | 0,736 |
| 6 | -94 | 5 | 1 | 56,440 | 41,079 | 0,777 |
| 6 | -88 | 5 | 1 | 56,732 | 43,076 | 0,821 |
| 6 | -82 | 5 | 1 | 56,879 | 43,774 | 0,869 |
| 6 | -76 | 5 | 1 | 56,842 | 45,957 | 0,920 |
| 6 | -70 | 5 | 1 | 56,312 | 45,969 | 0,975 |
| 6 | -64 | 5 | 1 | 55,197 | 47,074 | 1,034 |
| 6 | -58 | 5 | 1 | 53,410 | 47,808 | 1,094 |
| 6 | -52 | 4 | 1 | 52,136 | 48,424 | 1,154 |
| 6 | -46 | 4 | 1 | 52,072 | 49,180 | 1,209 |
| 6 | -40 | 4 | 1 | 50,854 | 48,736 | 1,253 |
| 6 | -34 | 4 | 1 | 48,319 | 46,221 | 1,277 |
| 6 | -28 | 4 | 1 | 44,598 | 42,736 | 1,273 |
| 6 | -22 | 4 | 1 | 40,272 | 39,307 | 1,243 |
| 6 | -16 | 3 | 1 | 36,690 | 35,563 | 1,202 |
| 6 | -10 | 3 | 1 | 33,653 | 31,106 | 1,151 |
| 6 | -4 | 3 | 1 | 28,723 | 26,727 | 1,065 |
| 6 | 2 | 3 | 1 | 22,614 | 21,045 | 0,948 |
| 6 | 8 | 4 | 1 | 17,862 | 17,120 | 0,829 |
| 6 | 14 | 4 | 1 | 18,061 | 16,939 | 0,728 |
| 6 | 20 | 4 | 1 | 18,275 | 16,822 | 0,660 |
| 6 | 26 | 4 | 1 | 18,264 | 16,879 | 0,632 |
| 6 | 32 | 4 | 1 | 18,188 | 17,015 | 0,631 |
| 6 | 38 | 4 | 1 | 18,127 | 16,488 | 0,655 |
| 6 | 44 | 4 | 1 | 18,053 | 15,815 | 0,718 |
| 6 | 50 | 4 | 1 | 17,894 | 16,220 | 0,827 |
| 6 | 56 | 3 | 1 | 19,951 | 19,143 | 0,971 |
| 6 | 62 | 3 | 1 | 25,903 | 25,007 | 1,136 |
| 6 | 68 | 3 | 1 | 31,536 | 29,962 | 1,281 |
| 6 | 74 | 3 | 1 | 35,424 | 33,701 | 1,383 |
| 6 | 80 | 4 | 1 | 38,625 | 38,269 | 1,469 |
| 6 | 86 | 4 | 1 | 43,620 | 42,358 | 1,554 |
| 6 | 92 | 4 | 1 | 47,943 | 46,945 | 1,612 |
| 6 | 98 | 4 | 1 | 51,145 | 49,479 | 1,629 |
| 6 | 104 | 4 | 1 | 52,882 | 50,689 | 1,610 |
| 6 | 110 | 4 | 1 | 53,265 | 51,615 | 1,569 |
| 6 | 116 | 5 | 1 | 53,542 | 50,952 | 1,513 |
| 6 | 122 | 5 | 1 | 55,652 | 49,159 | 1,451 |
| 6 | 128 | 5 | 1 | 57,001 | 47,368 | 1,387 |
| 6 | 134 | 5 | 1 | 57,688 | 48,390 | 1,322 |
| 6 | 140 | 5 | 1 | 57,821 | 48,819 | 1,260 |
| 6 | 146 | 5 | 1 | 57,578 | 49,513 | 1,200 |
| 6 | 152 | 5 | 1 | 57,350 | 51,114 | 1,144 |
| 6 | 158 | 5 | 1 | 56,842 | 52,531 | 1,091 |
| 6 | 164 | 6 | 1 | 56,848 | 53,697 | 1,041 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 6 | 170 | 6 | 1 | 57,560 | 53,139 | 0,995 |
| 9 | -97 | 5 | 1 | 56,230 | 40,264 | 0,755 |
| 9 | -91 | 5 | 1 | 56,891 | 41,782 | 0,797 |
| 9 | -85 | 5 | 1 | 57,288 | 43,321 | 0,843 |
| 9 | -79 | 5 | 1 | 57,350 | 45,434 | 0,892 |
| 9 | -73 | 5 | 1 | 56,995 | 46,828 | 0,946 |
| 9 | -67 | 5 | 1 | 56,130 | 46,493 | 1,002 |
| 9 | -61 | 5 | 1 | 54,662 | 47,617 | 1,061 |
| 9 | -55 | 5 | 1 | 52,500 | 48,319 | 1,122 |
| 9 | -49 | 4 | 1 | 52,527 | 48,970 | 1,180 |
| 9 | -43 | 4 | 1 | 51,910 | 49,042 | 1,230 |
| 9 | -37 | 4 | 1 | 50,011 | 47,790 | 1,263 |
| 9 | -31 | 4 | 1 | 46,744 | 45,044 | 1,271 |
| 9 | -25 | 4 | 1 | 42,442 | 41,087 | 1,249 |
| 9 | -19 | 3 | 1 | 37,891 | 37,328 | 1,209 |
| 9 | -13 | 3 | 1 | 35,098 | 33,127 | 1,166 |
| 9 | -7 | 3 | 1 | 31,044 | 28,622 | 1,100 |
| 9 | -1 | 3 | 1 | 25,213 | 23,504 | 0,992 |
| 9 | 5 | 3 | 1 | 19,324 | 17,983 | 0,865 |
| 9 | 11 | 4 | 1 | 17,880 | 16,525 | 0,749 |
| 9 | 17 | 4 | 1 | 17,970 | 16,761 | 0,659 |
| 9 | 23 | 4 | 1 | 17,964 | 16,493 | 0,609 |
| 9 | 29 | 4 | 1 | 17,969 | 16,889 | 0,599 |
| 9 | 35 | 4 | 1 | 17,944 | 16,218 | 0,613 |
| 9 | 41 | 4 | 1 | 17,964 | 16,053 | 0,656 |
| 9 | 47 | 4 | 1 | 17,975 | 15,920 | 0,743 |
| 9 | 53 | 4 | 1 | 17,957 | 16,939 | 0,872 |
| 9 | 59 | 3 | 1 | 22,210 | 21,308 | 1,035 |
| 9 | 65 | 3 | 1 | 28,343 | 27,195 | 1,202 |
| 9 | 71 | 3 | 1 | 33,364 | 31,531 | 1,328 |
| 9 | 77 | 3 | 1 | 36,803 | 35,683 | 1,417 |
| 9 | 83 | 4 | 1 | 40,935 | 40,146 | 1,505 |
| 9 | 89 | 4 | 1 | 45,795 | 44,839 | 1,583 |
| 9 | 95 | 4 | 1 | 49,750 | 48,029 | 1,622 |
| 9 | 101 | 4 | 1 | 52,225 | 50,242 | 1,621 |
| 9 | 107 | 4 | 1 | 53,248 | 51,614 | 1,590 |
| 9 | 113 | 4 | 1 | 53,194 | 51,593 | 1,539 |
| 9 | 119 | 5 | 1 | 54,654 | 50,254 | 1,479 |
| 9 | 125 | 5 | 1 | 56,393 | 48,400 | 1,415 |
| 9 | 131 | 5 | 1 | 57,459 | 48,039 | 1,350 |
| 9 | 137 | 5 | 1 | 57,957 | 48,966 | 1,286 |
| 9 | 143 | 5 | 1 | 57,989 | 50,295 | 1,224 |
| 9 | 149 | 5 | 1 | 57,648 | 51,165 | 1,166 |
| 9 | 155 | 5 | 1 | 57,017 | 51,633 | 1,111 |
| 9 | 161 | 5 | 1 | 56,162 | 51,753 | 1,060 |
| 9 | 167 | 6 | 1 | 56,633 | 51,580 | 1,012 |
| 12 | -100 | 5 | 1 | 56,315 | 39,089 | 0,733 |
| 12 | -94 | 5 | 1 | 56,995 | 40,902 | 0,773 |
| 12 | -88 | 5 | 1 | 57,457 | 42,827 | 0,817 |
| 12 | -82 | 5 | 1 | 57,638 | 44,871 | 0,864 |
| 12 | -76 | 5 | 1 | 57,464 | 46,452 | 0,915 |
| 12 | -70 | 5 | 1 | 56,847 | 46,856 | 0,970 |
| 12 | -64 | 5 | 1 | 55,693 | 47,069 | 1,027 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 12 | -58 | 5 | 1 | 53,901 | 48,213 | 1,087 |
| 12 | -52 | 4 | 1 | 52,734 | 48,858 | 1,146 |
| 12 | -46 | 4 | 1 | 52,578 | 49,025 | 1,201 |
| 12 | -40 | 4 | 1 | 51,337 | 48,357 | 1,243 |
| 12 | -34 | 4 | 1 | 48,713 | 46,287 | 1,264 |
| 12 | -28 | 4 | 1 | 44,768 | 42,815 | 1,254 |
| 12 | -22 | 4 | 1 | 40,083 | 39,276 | 1,218 |
| 12 | -16 | 3 | 1 | 36,434 | 34,974 | 1,177 |
| 12 | -10 | 3 | 1 | 33,169 | 30,506 | 1,129 |
| 12 | -4 | 3 | 1 | 28,011 | 26,036 | 1,042 |
| 12 | 2 | 3 | 1 | 21,886 | 20,393 | 0,918 |
| 12 | 8 | 4 | 1 | 17,910 | 16,627 | 0,792 |
| 12 | 14 | 4 | 1 | 17,946 | 16,879 | 0,685 |
| 12 | 20 | 4 | 1 | 17,895 | 16,444 | 0,613 |
| 12 | 26 | 4 | 1 | 17,926 | 16,752 | 0,587 |
| 12 | 32 | 4 | 1 | 17,931 | 16,760 | 0,593 |
| 12 | 38 | 4 | 1 | 17,900 | 16,363 | 0,620 |
| 12 | 44 | 4 | 1 | 17,991 | 15,895 | 0,682 |
| 12 | 50 | 4 | 1 | 18,026 | 16,158 | 0,791 |
| 12 | 56 | 3 | 1 | 19,016 | 18,185 | 0,939 |
| 12 | 62 | 3 | 1 | 24,879 | 23,543 | 1,113 |
| 12 | 68 | 3 | 1 | 30,804 | 28,772 | 1,267 |
| 12 | 74 | 3 | 1 | 35,004 | 33,098 | 1,371 |
| 12 | 80 | 3 | 1 | 38,345 | 37,739 | 1,456 |
| 12 | 86 | 4 | 1 | 43,367 | 42,184 | 1,544 |
| 12 | 92 | 4 | 1 | 47,901 | 46,205 | 1,605 |
| 12 | 98 | 4 | 1 | 51,112 | 49,503 | 1,623 |
| 12 | 104 | 4 | 1 | 52,828 | 51,403 | 1,605 |
| 12 | 110 | 4 | 1 | 53,329 | 51,807 | 1,562 |
| 12 | 116 | 5 | 1 | 53,421 | 50,975 | 1,505 |
| 12 | 122 | 5 | 1 | 55,516 | 49,512 | 1,442 |
| 12 | 128 | 5 | 1 | 56,913 | 47,664 | 1,376 |
| 12 | 134 | 5 | 1 | 57,717 | 48,510 | 1,311 |
| 12 | 140 | 5 | 1 | 58,031 | 46,612 | 1,248 |
| 12 | 146 | 5 | 1 | 57,950 | 46,718 | 1,188 |
| 12 | 152 | 5 | 1 | 57,557 | 47,304 | 1,131 |
| 12 | 158 | 5 | 1 | 56,923 | 48,136 | 1,078 |
| 12 | 164 | 6 | 1 | 56,808 | 48,741 | 1,028 |
| 12 | 170 | 6 | 1 | 57,436 | 49,150 | 0,982 |
| 15 | -97 | 5 | 1 | 56,719 | 40,321 | 0,750 |
| 15 | -91 | 5 | 1 | 57,296 | 42,263 | 0,792 |
| 15 | -85 | 5 | 1 | 57,634 | 44,248 | 0,837 |
| 15 | -79 | 5 | 1 | 57,665 | 45,286 | 0,885 |
| 15 | -73 | 5 | 1 | 57,308 | 46,342 | 0,938 |
| 15 | -67 | 5 | 1 | 56,471 | 46,180 | 0,993 |
| 15 | -61 | 5 | 1 | 55,051 | 47,712 | 1,051 |
| 15 | -55 | 5 | 1 | 52,947 | 48,854 | 1,110 |
| 15 | -49 | 4 | 1 | 53,021 | 49,385 | 1,167 |
| 15 | -43 | 4 | 1 | 52,349 | 48,556 | 1,216 |
| 15 | -37 | 4 | 1 | 50,405 | 47,112 | 1,248 |
| 15 | -31 | 4 | 1 | 47,065 | 44,270 | 1,254 |
| 15 | -25 | 4 | 1 | 42,612 | 41,157 | 1,229 |
| 15 | -19 | 3 | 1 | 37,873 | 37,265 | 1,188 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 15 | -13 | 3 | 1 | 34,939 | 33,007 | 1,150 |
| 15 | -7 | 3 | 1 | 30,750 | 28,283 | 1,089 |
| 15 | -1 | 3 | 1 | 24,871 | 23,105 | 0,982 |
| 15 | 5 | 3 | 1 | 19,045 | 17,978 | 0,851 |
| 15 | 11 | 4 | 1 | 17,990 | 16,979 | 0,733 |
| 15 | 17 | 4 | 1 | 17,923 | 16,572 | 0,641 |
| 15 | 23 | 4 | 1 | 17,915 | 16,703 | 0,592 |
| 15 | 29 | 4 | 1 | 17,929 | 16,930 | 0,587 |
| 15 | 35 | 4 | 1 | 17,917 | 16,299 | 0,603 |
| 15 | 41 | 4 | 1 | 17,945 | 16,271 | 0,646 |
| 15 | 47 | 4 | 1 | 18,032 | 15,857 | 0,731 |
| 15 | 53 | 4 | 1 | 18,077 | 16,460 | 0,860 |
| 15 | 59 | 3 | 1 | 21,585 | 20,571 | 1,025 |
| 15 | 65 | 3 | 1 | 27,792 | 26,163 | 1,196 |
| 15 | 71 | 3 | 1 | 33,071 | 30,546 | 1,325 |
| 15 | 77 | 3 | 1 | 36,614 | 35,433 | 1,414 |
| 15 | 83 | 4 | 1 | 40,732 | 39,991 | 1,502 |
| 15 | 89 | 4 | 1 | 45,639 | 44,504 | 1,579 |
| 15 | 95 | 4 | 1 | 49,526 | 48,412 | 1,617 |
| 15 | 101 | 4 | 1 | 52,014 | 50,762 | 1,614 |
| 15 | 107 | 4 | 1 | 53,178 | 51,565 | 1,581 |
| 15 | 113 | 4 | 1 | 53,214 | 51,300 | 1,529 |
| 15 | 119 | 5 | 1 | 54,421 | 50,281 | 1,468 |
| 15 | 125 | 5 | 1 | 56,124 | 48,771 | 1,402 |
| 15 | 131 | 5 | 1 | 57,195 | 47,617 | 1,336 |
| 15 | 137 | 5 | 1 | 57,739 | 47,535 | 1,271 |
| 15 | 143 | 5 | 1 | 57,855 | 47,879 | 1,210 |
| 15 | 149 | 5 | 1 | 57,630 | 48,712 | 1,151 |
| 15 | 155 | 5 | 1 | 57,137 | 49,233 | 1,097 |
| 15 | 161 | 5 | 1 | 56,440 | 49,488 | 1,045 |
| 15 | 167 | 6 | 1 | 56,965 | 49,520 | 0,998 |
| 18 | -100 | 5 | 1 | 56,193 | 39,587 | 0,727 |
| 18 | -94 | 5 | 1 | 56,866 | 41,508 | 0,767 |
| 18 | -88 | 5 | 1 | 57,332 | 42,814 | 0,810 |
| 18 | -82 | 5 | 1 | 57,530 | 43,935 | 0,856 |
| 18 | -76 | 5 | 1 | 57,458 | 45,928 | 0,906 |
| 18 | -70 | 5 | 1 | 56,954 | 47,365 | 0,959 |
| 18 | -64 | 5 | 1 | 55,916 | 46,229 | 1,015 |
| 18 | -58 | 5 | 1 | 54,237 | 47,556 | 1,073 |
| 18 | -52 | 4 | 1 | 53,124 | 48,390 | 1,131 |
| 18 | -46 | 4 | 1 | 53,036 | 48,480 | 1,184 |
| 18 | -40 | 4 | 1 | 51,801 | 47,537 | 1,226 |
| 18 | -34 | 4 | 1 | 49,180 | 45,316 | 1,247 |
| 18 | -28 | 4 | 1 | 45,205 | 42,894 | 1,237 |
| 18 | -22 | 4 | 1 | 40,408 | 39,273 | 1,202 |
| 18 | -16 | 3 | 1 | 36,464 | 35,242 | 1,164 |
| 18 | -10 | 3 | 1 | 33,164 | 30,534 | 1,124 |
| 18 | -4 | 3 | 1 | 28,048 | 25,799 | 1,044 |
| 18 | 2 | 3 | 1 | 21,971 | 20,471 | 0,922 |
| 18 | 8 | 4 | 1 | 18,029 | 17,023 | 0,795 |
| 18 | 14 | 4 | 1 | 17,938 | 16,632 | 0,690 |
| 18 | 20 | 4 | 1 | 17,897 | 16,692 | 0,619 |
| 18 | 26 | 4 | 1 | 17,894 | 16,942 | 0,594 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 18 | 32 | 4 | 1 | 17,883 | 16,767 | 0,602 |
| 18 | 38 | 4 | 1 | 17,872 | 16,467 | 0,631 |
| 18 | 44 | 4 | 1 | 17,950 | 16,224 | 0,694 |
| 18 | 50 | 4 | 1 | 18,048 | 15,967 | 0,802 |
| 18 | 56 | 3 | 1 | 18,810 | 18,012 | 0,950 |
| 18 | 62 | 3 | 1 | 24,654 | 22,922 | 1,122 |
| 18 | 68 | 3 | 1 | 30,670 | 28,150 | 1,275 |
| 18 | 74 | 3 | 1 | 34,984 | 32,967 | 1,381 |
| 18 | 80 | 3 | 1 | 38,283 | 37,626 | 1,466 |
| 18 | 86 | 4 | 1 | 43,136 | 42,316 | 1,549 |
| 18 | 92 | 4 | 1 | 47,652 | 46,427 | 1,605 |
| 18 | 98 | 4 | 1 | 50,894 | 49,314 | 1,619 |
| 18 | 104 | 4 | 1 | 52,690 | 50,841 | 1,597 |
| 18 | 110 | 4 | 1 | 53,222 | 51,201 | 1,551 |
| 18 | 116 | 5 | 1 | 53,136 | 50,686 | 1,492 |
| 18 | 122 | 5 | 1 | 55,142 | 49,564 | 1,427 |
| 18 | 128 | 5 | 1 | 56,463 | 48,053 | 1,361 |
| 18 | 134 | 5 | 1 | 57,206 | 48,103 | 1,295 |
| 18 | 140 | 5 | 1 | 57,472 | 46,392 | 1,232 |
| 18 | 146 | 5 | 1 | 57,357 | 44,397 | 1,172 |
| 18 | 152 | 5 | 1 | 56,984 | 43,506 | 1,116 |
| 18 | 158 | 5 | 1 | 56,387 | 43,667 | 1,063 |
| 18 | 164 | 6 | 1 | 56,292 | 43,642 | 1,014 |
| 18 | 170 | 6 | 1 | 56,942 | 43,465 | 0,968 |
| 21 | -97 | 5 | 1 | 56,931 | 39,792 | 0,743 |
| 21 | -91 | 5 | 1 | 57,506 | 41,617 | 0,783 |
| 21 | -85 | 5 | 1 | 57,834 | 43,470 | 0,827 |
| 21 | -79 | 5 | 1 | 57,849 | 45,313 | 0,875 |
| 21 | -73 | 5 | 1 | 57,472 | 46,575 | 0,926 |
| 21 | -67 | 5 | 1 | 56,614 | 45,774 | 0,980 |
| 21 | -61 | 5 | 1 | 55,214 | 47,069 | 1,036 |
| 21 | -55 | 5 | 1 | 53,262 | 47,961 | 1,094 |
| 21 | -49 | 4 | 1 | 53,303 | 48,241 | 1,150 |
| 21 | -43 | 4 | 1 | 52,716 | 47,659 | 1,198 |
| 21 | -37 | 4 | 1 | 50,837 | 46,411 | 1,231 |
| 21 | -31 | 4 | 1 | 47,527 | 44,191 | 1,239 |
| 21 | -25 | 4 | 1 | 43,041 | 41,065 | 1,218 |
| 21 | -19 | 4 | 1 | 38,141 | 37,566 | 1,181 |
| 21 | -13 | 3 | 1 | 35,157 | 33,345 | 1,147 |
| 21 | -7 | 3 | 1 | 31,125 | 28,574 | 1,095 |
| 21 | -1 | 3 | 1 | 25,342 | 23,421 | 0,997 |
| 21 | 5 | 3 | 1 | 19,497 | 18,202 | 0,872 |
| 21 | 11 | 4 | 1 | 17,930 | 16,624 | 0,757 |
| 21 | 17 | 4 | 1 | 17,865 | 16,712 | 0,667 |
| 21 | 23 | 4 | 1 | 17,828 | 16,894 | 0,621 |
| 21 | 29 | 4 | 1 | 17,799 | 16,809 | 0,616 |
| 21 | 35 | 4 | 1 | 17,790 | 16,298 | 0,637 |
| 21 | 41 | 4 | 1 | 17,800 | 16,435 | 0,684 |
| 21 | 47 | 4 | 1 | 17,917 | 16,220 | 0,770 |
| 21 | 53 | 4 | 1 | 18,043 | 16,570 | 0,899 |
| 21 | 59 | 3 | 1 | 21,750 | 20,056 | 1,059 |
| 21 | 65 | 3 | 1 | 27,987 | 25,755 | 1,223 |
| 21 | 71 | 3 | 1 | 33,249 | 30,693 | 1,350 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 21 | 77 | 3 | 1 | 36,705 | 35,622 | 1,440 |
| 21 | 83 | 4 | 1 | 40,707 | 39,610 | 1,523 |
| 21 | 89 | 4 | 1 | 45,493 | 43,918 | 1,590 |
| 21 | 95 | 4 | 1 | 49,345 | 47,448 | 1,619 |
| 21 | 101 | 4 | 1 | 51,811 | 49,622 | 1,610 |
| 21 | 107 | 4 | 1 | 52,920 | 50,652 | 1,572 |
| 21 | 113 | 4 | 1 | 52,922 | 50,701 | 1,517 |
| 21 | 119 | 5 | 1 | 54,070 | 50,027 | 1,453 |
| 21 | 125 | 5 | 1 | 55,755 | 48,853 | 1,386 |
| 21 | 131 | 5 | 1 | 56,836 | 47,549 | 1,320 |
| 21 | 137 | 5 | 1 | 57,408 | 47,113 | 1,255 |
| 21 | 143 | 5 | 1 | 57,562 | 45,285 | 1,193 |
| 21 | 149 | 5 | 1 | 57,378 | 45,532 | 1,135 |
| 21 | 155 | 5 | 1 | 56,924 | 46,261 | 1,081 |
| 21 | 161 | 5 | 1 | 56,261 | 46,787 | 1,030 |
| 21 | 167 | 6 | 1 | 56,875 | 47,137 | 0,983 |
| 24 | -100 | 5 | 1 | 56,485 | 39,332 | 0,719 |
| 24 | -94 | 5 | 1 | 57,250 | 40,689 | 0,758 |
| 24 | -88 | 5 | 1 | 57,783 | 42,800 | 0,800 |
| 24 | -82 | 5 | 1 | 58,020 | 44,745 | 0,845 |
| 24 | -76 | 5 | 1 | 57,886 | 45,008 | 0,894 |
| 24 | -70 | 5 | 1 | 57,295 | 46,421 | 0,946 |
| 24 | -64 | 5 | 1 | 56,155 | 46,318 | 1,000 |
| 24 | -58 | 5 | 1 | 54,376 | 47,546 | 1,057 |
| 24 | -52 | 4 | 1 | 53,196 | 47,934 | 1,113 |
| 24 | -46 | 4 | 1 | 53,177 | 47,594 | 1,166 |
| 24 | -40 | 4 | 1 | 51,995 | 46,296 | 1,209 |
| 24 | -34 | 4 | 1 | 49,420 | 44,850 | 1,233 |
| 24 | -28 | 4 | 1 | 45,582 | 42,900 | 1,229 |
| 24 | -22 | 4 | 1 | 40,913 | 39,645 | 1,201 |
| 24 | -16 | 3 | 1 | 36,781 | 35,591 | 1,168 |
| 24 | -10 | 3 | 1 | 33,708 | 31,309 | 1,133 |
| 24 | -4 | 3 | 1 | 28,889 | 26,619 | 1,064 |
| 24 | 2 | 3 | 1 | 22,852 | 21,290 | 0,956 |
| 24 | 8 | 4 | 1 | 17,899 | 17,444 | 0,839 |
| 24 | 14 | 4 | 1 | 17,821 | 16,761 | 0,740 |
| 24 | 20 | 4 | 1 | 17,737 | 16,867 | 0,673 |
| 24 | 26 | 4 | 1 | 17,673 | 16,755 | 0,652 |
| 24 | 32 | 4 | 1 | 17,646 | 16,615 | 0,666 |
| 24 | 38 | 4 | 1 | 17,660 | 16,298 | 0,703 |
| 24 | 44 | 4 | 1 | 17,708 | 16,393 | 0,770 |
| 24 | 50 | 4 | 1 | 17,851 | 16,258 | 0,877 |
| 24 | 56 | 3 | 1 | 19,293 | 17,971 | 1,019 |
| 24 | 62 | 3 | 1 | 25,253 | 23,365 | 1,180 |
| 24 | 68 | 3 | 1 | 31,215 | 28,497 | 1,323 |
| 24 | 74 | 3 | 1 | 35,345 | 33,512 | 1,425 |
| 24 | 80 | 4 | 1 | 38,448 | 38,071 | 1,506 |
| 24 | 86 | 4 | 1 | 43,160 | 42,182 | 1,577 |
| 24 | 92 | 4 | 1 | 47,411 | 46,225 | 1,619 |
| 24 | 98 | 4 | 1 | 50,514 | 48,934 | 1,621 |
| 24 | 104 | 4 | 1 | 52,257 | 50,140 | 1,592 |
| 24 | 110 | 4 | 1 | 52,777 | 50,302 | 1,541 |
| 24 | 116 | 5 | 1 | 52,780 | 50,136 | 1,479 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 24 | 122 | 5 | 1 | 54,837 | 49,357 | 1,413 |
| 24 | 128 | 5 | 1 | 56,243 | 48,085 | 1,345 |
| 24 | 134 | 5 | 1 | 57,082 | 47,563 | 1,279 |
| 24 | 140 | 5 | 1 | 57,441 | 45,727 | 1,216 |
| 24 | 146 | 5 | 1 | 57,404 | 44,253 | 1,156 |
| 24 | 152 | 5 | 1 | 57,045 | 42,897 | 1,101 |
| 24 | 158 | 5 | 1 | 56,429 | 41,084 | 1,048 |
| 24 | 164 | 6 | 1 | 56,069 | 40,574 | 1,000 |
| 24 | 170 | 6 | 1 | 56,623 | 40,850 | 0,955 |
| 27 | -97 | 5 | 1 | 56,520 | 40,467 | 0,734 |
| 27 | -91 | 5 | 1 | 57,253 | 42,276 | 0,774 |
| 27 | -85 | 5 | 1 | 57,788 | 43,357 | 0,817 |
| 27 | -79 | 5 | 1 | 57,964 | 44,303 | 0,863 |
| 27 | -73 | 5 | 1 | 57,695 | 45,607 | 0,913 |
| 27 | -67 | 5 | 1 | 56,891 | 45,694 | 0,965 |
| 27 | -61 | 5 | 1 | 55,460 | 47,113 | 1,021 |
| 27 | -55 | 5 | 1 | 53,385 | 47,629 | 1,077 |
| 27 | -49 | 4 | 1 | 53,235 | 47,447 | 1,132 |
| 27 | -43 | 4 | 1 | 52,679 | 46,433 | 1,181 |
| 27 | -37 | 4 | 1 | 50,855 | 45,021 | 1,218 |
| 27 | -31 | 4 | 1 | 47,853 | 44,243 | 1,233 |
| 27 | -25 | 4 | 1 | 43,599 | 41,744 | 1,221 |
| 27 | -19 | 4 | 1 | 38,895 | 38,066 | 1,192 |
| 27 | -13 | 3 | 1 | 35,706 | 34,107 | 1,163 |
| 27 | -7 | 3 | 1 | 32,080 | 29,371 | 1,120 |
| 27 | -1 | 3 | 1 | 26,640 | 24,461 | 1,038 |
| 27 | 5 | 3 | 1 | 20,711 | 19,231 | 0,933 |
| 27 | 11 | 4 | 1 | 17,764 | 16,836 | 0,833 |
| 27 | 17 | 4 | 1 | 17,622 | 16,792 | 0,754 |
| 27 | 23 | 4 | 1 | 17,511 | 16,615 | 0,717 |
| 27 | 29 | 4 | 1 | 17,449 | 16,500 | 0,724 |
| 27 | 35 | 4 | 1 | 17,445 | 16,314 | 0,755 |
| 27 | 41 | 4 | 1 | 17,498 | 16,335 | 0,807 |
| 27 | 47 | 4 | 1 | 17,598 | 16,337 | 0,889 |
| 27 | 53 | 4 | 1 | 17,751 | 17,176 | 1,010 |
| 27 | 59 | 3 | 1 | 22,713 | 21,129 | 1,156 |
| 27 | 65 | 3 | 1 | 28,955 | 26,577 | 1,304 |
| 27 | 71 | 3 | 1 | 33,904 | 31,586 | 1,419 |
| 27 | 77 | 3 | 1 | 37,043 | 35,968 | 1,502 |
| 27 | 83 | 4 | 1 | 40,957 | 40,138 | 1,573 |
| 27 | 89 | 4 | 1 | 45,337 | 44,301 | 1,621 |
| 27 | 95 | 4 | 1 | 48,860 | 47,807 | 1,634 |
| 27 | 101 | 4 | 1 | 51,196 | 49,811 | 1,612 |
| 27 | 107 | 4 | 1 | 52,303 | 50,214 | 1,567 |
| 27 | 113 | 4 | 1 | 52,323 | 49,868 | 1,507 |
| 27 | 119 | 5 | 1 | 53,674 | 49,544 | 1,441 |
| 27 | 125 | 5 | 1 | 55,407 | 48,598 | 1,373 |
| 27 | 131 | 5 | 1 | 56,512 | 47,219 | 1,305 |
| 27 | 137 | 5 | 1 | 57,066 | 46,290 | 1,241 |
| 27 | 143 | 5 | 1 | 57,153 | 45,018 | 1,179 |
| 27 | 149 | 5 | 1 | 56,852 | 43,070 | 1,122 |
| 27 | 155 | 5 | 1 | 56,238 | 42,817 | 1,068 |
| 27 | 161 | 5 | 1 | 55,558 | 41,890 | 1,018 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 27 | 167 | 6 | 1 | 56,370 | 40,691 | 0,971 |
| 30 | -100 | 5 | 1 | 56,479 | 38,714 | 0,712 |
| 30 | -94 | 5 | 1 | 57,103 | 40,375 | 0,750 |
| 30 | -88 | 5 | 1 | 57,448 | 41,816 | 0,791 |
| 30 | -82 | 5 | 1 | 57,596 | 43,329 | 0,835 |
| 30 | -76 | 5 | 1 | 57,723 | 44,729 | 0,882 |
| 30 | -70 | 5 | 1 | 57,316 | 46,248 | 0,932 |
| 30 | -64 | 5 | 1 | 56,283 | 45,478 | 0,986 |
| 30 | -58 | 5 | 1 | 54,539 | 47,359 | 1,041 |
| 30 | -52 | 4 | 1 | 52,935 | 47,290 | 1,097 |
| 30 | -46 | 4 | 1 | 52,938 | 46,595 | 1,151 |
| 30 | -40 | 4 | 1 | 51,831 | 45,608 | 1,197 |
| 30 | -34 | 4 | 1 | 49,633 | 45,216 | 1,227 |
| 30 | -28 | 4 | 1 | 46,017 | 43,118 | 1,235 |
| 30 | -22 | 4 | 1 | 41,555 | 40,072 | 1,219 |
| 30 | -16 | 3 | 1 | 37,335 | 36,331 | 1,193 |
| 30 | -10 | 3 | 1 | 34,631 | 32,602 | 1,165 |
| 30 | -4 | 3 | 1 | 30,360 | 28,055 | 1,112 |
| 30 | 2 | 3 | 1 | 24,561 | 22,887 | 1,028 |
| 30 | 8 | 3 | 1 | 18,959 | 17,693 | 0,937 |
| 30 | 14 | 4 | 1 | 17,485 | 16,580 | 0,856 |
| 30 | 20 | 4 | 1 | 17,315 | 16,461 | 0,806 |
| 30 | 26 | 4 | 1 | 17,205 | 16,503 | 0,805 |
| 30 | 32 | 4 | 1 | 17,166 | 16,534 | 0,836 |
| 30 | 38 | 4 | 1 | 17,200 | 16,291 | 0,879 |
| 30 | 44 | 4 | 1 | 17,304 | 16,333 | 0,940 |
| 30 | 50 | 4 | 1 | 17,466 | 16,403 | 1,033 |
| 30 | 56 | 3 | 1 | 20,553 | 19,234 | 1,158 |
| 30 | 62 | 3 | 1 | 26,653 | 24,759 | 1,299 |
| 30 | 68 | 3 | 1 | 32,286 | 29,548 | 1,423 |
| 30 | 74 | 3 | 1 | 35,958 | 34,550 | 1,513 |
| 30 | 80 | 4 | 1 | 39,097 | 38,519 | 1,581 |
| 30 | 86 | 4 | 1 | 43,338 | 41,996 | 1,632 |
| 30 | 92 | 4 | 1 | 47,162 | 45,569 | 1,651 |
| 30 | 98 | 4 | 1 | 49,924 | 48,513 | 1,636 |
| 30 | 104 | 4 | 1 | 51,461 | 50,104 | 1,595 |
| 30 | 110 | 4 | 1 | 52,019 | 49,772 | 1,538 |
| 30 | 116 | 5 | 1 | 52,291 | 49,394 | 1,472 |
| 30 | 122 | 5 | 1 | 54,355 | 48,937 | 1,403 |
| 30 | 128 | 5 | 1 | 55,737 | 46,992 | 1,334 |
| 30 | 134 | 5 | 1 | 56,492 | 46,802 | 1,268 |
| 30 | 140 | 5 | 1 | 56,699 | 45,672 | 1,205 |
| 30 | 146 | 5 | 1 | 56,525 | 43,708 | 1,145 |
| 30 | 152 | 5 | 1 | 56,400 | 41,784 | 1,090 |
| 30 | 158 | 5 | 1 | 55,976 | 40,246 | 1,038 |
| 30 | 164 | 6 | 1 | 55,929 | 40,240 | 0,990 |
| 30 | 170 | 6 | 1 | 56,560 | 39,188 | 0,945 |
| 33 | -97 | 5 | 1 | 56,691 | 39,813 | 0,727 |
| 33 | -91 | 5 | 1 | 57,354 | 41,407 | 0,766 |
| 33 | -85 | 5 | 1 | 57,666 | 42,943 | 0,808 |
| 33 | -79 | 5 | 1 | 57,554 | 44,365 | 0,853 |
| 33 | -73 | 5 | 1 | 57,338 | 45,603 | 0,901 |
| 33 | -67 | 5 | 1 | 56,772 | 46,403 | 0,953 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 33 | -61 | 5 | 1 | 55,479 | 46,314 | 1,007 |
| 33 | -55 | 5 | 1 | 53,393 | 47,160 | 1,063 |
| 33 | -49 | 4 | 1 | 52,819 | 47,499 | 1,119 |
| 33 | -43 | 4 | 1 | 52,273 | 45,581 | 1,171 |
| 33 | -37 | 4 | 1 | 50,874 | 46,179 | 1,213 |
| 33 | -31 | 4 | 1 | 48,008 | 44,123 | 1,239 |
| 33 | -25 | 4 | 1 | 44,165 | 42,012 | 1,241 |
| 33 | -19 | 4 | 1 | 39,930 | 38,742 | 1,225 |
| 33 | -13 | 3 | 1 | 36,469 | 35,248 | 1,203 |
| 33 | -7 | 3 | 1 | 33,474 | 30,977 | 1,172 |
| 33 | -1 | 3 | 1 | 28,653 | 26,295 | 1,116 |
| 33 | 5 | 3 | 1 | 22,785 | 21,153 | 1,042 |
| 33 | 11 | 3 | 1 | 17,630 | 17,278 | 0,969 |
| 33 | 17 | 4 | 1 | 17,085 | 16,641 | 0,914 |
| 33 | 23 | 4 | 1 | 16,917 | 16,509 | 0,902 |
| 33 | 29 | 4 | 1 | 16,829 | 16,463 | 0,933 |
| 33 | 35 | 4 | 1 | 16,828 | 16,471 | 0,977 |
| 33 | 41 | 4 | 1 | 16,912 | 16,321 | 1,026 |
| 33 | 47 | 4 | 1 | 17,077 | 16,422 | 1,093 |
| 33 | 53 | 3 | 1 | 18,811 | 17,748 | 1,191 |
| 33 | 59 | 3 | 1 | 24,558 | 23,033 | 1,315 |
| 33 | 65 | 3 | 1 | 30,542 | 28,062 | 1,442 |
| 33 | 71 | 3 | 1 | 34,867 | 32,748 | 1,540 |
| 33 | 77 | 3 | 1 | 37,584 | 36,897 | 1,607 |
| 33 | 83 | 4 | 1 | 41,399 | 40,670 | 1,654 |
| 33 | 89 | 4 | 1 | 45,261 | 44,216 | 1,676 |
| 33 | 95 | 4 | 1 | 48,448 | 46,788 | 1,666 |
| 33 | 101 | 4 | 1 | 50,471 | 48,913 | 1,629 |
| 33 | 107 | 4 | 1 | 51,381 | 49,856 | 1,573 |
| 33 | 113 | 4 | 1 | 51,450 | 48,890 | 1,507 |
| 33 | 119 | 5 | 1 | 53,106 | 48,893 | 1,437 |
| 33 | 125 | 5 | 1 | 54,781 | 47,474 | 1,366 |
| 33 | 131 | 5 | 1 | 55,757 | 46,699 | 1,298 |
| 33 | 137 | 5 | 1 | 56,096 | 45,873 | 1,233 |
| 33 | 143 | 5 | 1 | 56,456 | 44,282 | 1,171 |
| 33 | 149 | 5 | 1 | 56,427 | 42,559 | 1,114 |
| 33 | 155 | 5 | 1 | 56,028 | 42,201 | 1,061 |
| 33 | 161 | 5 | 1 | 55,320 | 40,594 | 1,011 |
| 33 | 167 | 6 | 1 | 55,492 | 41,818 | 0,964 |
| 36 | -100 | 6 | 1 | 56,167 | 39,074 | 0,705 |
| 36 | -94 | 5 | 1 | 56,621 | 40,813 | 0,743 |
| 36 | -88 | 5 | 1 | 57,350 | 42,090 | 0,783 |
| 36 | -82 | 5 | 1 | 57,644 | 43,902 | 0,826 |
| 36 | -76 | 5 | 1 | 57,419 | 44,959 | 0,872 |
| 36 | -70 | 5 | 1 | 56,833 | 45,839 | 0,922 |
| 36 | -64 | 5 | 1 | 56,071 | 45,178 | 0,975 |
| 36 | -58 | 5 | 1 | 54,480 | 47,061 | 1,030 |
| 36 | -52 | 4 | 1 | 52,355 | 46,563 | 1,087 |
| 36 | -46 | 4 | 1 | 52,353 | 46,519 | 1,142 |
| 36 | -40 | 4 | 1 | 51,582 | 46,421 | 1,193 |
| 36 | -34 | 4 | 1 | 49,496 | 44,300 | 1,232 |
| 36 | -28 | 4 | 1 | 46,387 | 43,146 | 1,254 |
| 36 | -22 | 4 | 1 | 42,478 | 40,660 | 1,255 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 36 | -16 | 4 | 1 | 38,486 | 37,639 | 1,241 |
| 36 | -10 | 3 | 1 | 35,705 | 34,224 | 1,223 |
| 36 | -4 | 3 | 1 | 32,256 | 29,660 | 1,190 |
| 36 | 2 | 3 | 1 | 27,079 | 25,130 | 1,140 |
| 36 | 8 | 3 | 1 | 21,363 | 20,035 | 1,083 |
| 36 | 14 | 4 | 1 | 16,868 | 16,617 | 1,033 |
| 36 | 20 | 3 | 1 | 16,847 | 16,431 | 1,011 |
| 36 | 26 | 3 | 1 | 16,857 | 16,409 | 1,036 |
| 36 | 32 | 3 | 1 | 16,860 | 16,303 | 1,085 |
| 36 | 38 | 3 | 1 | 16,866 | 16,269 | 1,136 |
| 36 | 44 | 3 | 1 | 16,899 | 16,160 | 1,188 |
| 36 | 50 | 3 | 1 | 17,437 | 16,809 | 1,260 |
| 36 | 56 | 3 | 1 | 22,730 | 21,639 | 1,360 |
| 36 | 62 | 3 | 1 | 28,789 | 26,754 | 1,480 |
| 36 | 68 | 3 | 1 | 33,674 | 31,179 | 1,582 |
| 36 | 74 | 3 | 1 | 36,664 | 35,438 | 1,650 |
| 36 | 80 | 4 | 1 | 39,829 | 38,827 | 1,691 |
| 36 | 86 | 4 | 1 | 43,461 | 42,385 | 1,711 |
| 36 | 92 | 4 | 1 | 46,700 | 45,837 | 1,702 |
| 36 | 98 | 4 | 1 | 49,233 | 47,534 | 1,667 |
| 36 | 104 | 4 | 1 | 50,559 | 49,090 | 1,612 |
| 36 | 110 | 4 | 1 | 51,006 | 49,113 | 1,546 |
| 36 | 116 | 5 | 1 | 51,679 | 48,539 | 1,475 |
| 36 | 122 | 5 | 1 | 53,658 | 47,903 | 1,402 |
| 36 | 128 | 5 | 1 | 54,883 | 45,584 | 1,331 |
| 36 | 134 | 5 | 1 | 55,557 | 46,401 | 1,264 |
| 36 | 140 | 5 | 1 | 56,138 | 44,734 | 1,200 |
| 36 | 146 | 5 | 1 | 56,198 | 43,631 | 1,141 |
| 36 | 152 | 5 | 1 | 55,804 | 41,391 | 1,085 |
| 36 | 158 | 5 | 1 | 55,028 | 41,981 | 1,034 |
| 36 | 164 | 6 | 1 | 55,361 | 40,169 | 0,986 |
| 36 | 170 | 6 | 1 | 56,159 | 38,054 | 0,941 |
| 39 | -97 | 5 | 1 | 56,375 | 39,244 | 0,721 |
| 39 | -91 | 5 | 1 | 56,738 | 41,525 | 0,759 |
| 39 | -85 | 5 | 1 | 57,157 | 42,535 | 0,801 |
| 39 | -79 | 5 | 1 | 57,431 | 44,333 | 0,845 |
| 39 | -73 | 5 | 1 | 57,079 | 45,499 | 0,893 |
| 39 | -67 | 5 | 1 | 56,213 | 45,522 | 0,944 |
| 39 | -61 | 5 | 1 | 55,209 | 45,129 | 0,998 |
| 39 | -55 | 5 | 1 | 53,287 | 46,639 | 1,055 |
| 39 | -49 | 4 | 1 | 52,098 | 47,189 | 1,113 |
| 39 | -43 | 4 | 1 | 51,782 | 45,903 | 1,168 |
| 39 | -37 | 4 | 1 | 50,472 | 44,697 | 1,218 |
| 39 | -31 | 4 | 1 | 48,095 | 43,995 | 1,255 |
| 39 | -25 | 4 | 1 | 44,713 | 42,190 | 1,275 |
| 39 | -19 | 4 | 1 | 41,019 | 39,490 | 1,277 |
| 39 | -13 | 4 | 1 | 37,322 | 36,617 | 1,268 |
| 39 | -7 | 3 | 1 | 34,944 | 32,854 | 1,253 |
| 39 | -1 | 3 | 1 | 31,127 | 28,506 | 1,226 |
| 39 | 5 | 3 | 1 | 25,770 | 24,037 | 1,191 |
| 39 | 11 | 3 | 1 | 20,327 | 19,299 | 1,156 |
| 39 | 17 | 3 | 1 | 16,958 | 16,305 | 1,132 |
| 39 | 23 | 3 | 1 | 16,945 | 16,028 | 1,144 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 39 | 29 | 3 | 1 | 16,928 | 15,890 | 1,194 |
| 39 | 35 | 3 | 1 | 16,914 | 15,758 | 1,252 |
| 39 | 41 | 3 | 1 | 16,950 | 15,905 | 1,304 |
| 39 | 47 | 3 | 1 | 17,002 | 16,190 | 1,360 |
| 39 | 53 | 3 | 1 | 21,320 | 20,673 | 1,436 |
| 39 | 59 | 3 | 1 | 27,240 | 25,671 | 1,539 |
| 39 | 65 | 3 | 1 | 32,477 | 29,613 | 1,640 |
| 39 | 71 | 3 | 1 | 35,856 | 34,361 | 1,709 |
| 39 | 77 | 4 | 1 | 38,398 | 37,852 | 1,745 |
| 39 | 83 | 4 | 1 | 41,862 | 40,876 | 1,758 |
| 39 | 89 | 4 | 1 | 45,106 | 43,703 | 1,747 |
| 39 | 95 | 4 | 1 | 47,689 | 46,795 | 1,712 |
| 39 | 101 | 4 | 1 | 49,574 | 47,640 | 1,657 |
| 39 | 107 | 4 | 1 | 50,244 | 49,093 | 1,590 |
| 39 | 113 | 4 | 1 | 50,356 | 47,908 | 1,517 |
| 39 | 119 | 5 | 1 | 52,380 | 48,131 | 1,442 |
| 39 | 125 | 5 | 1 | 53,878 | 46,041 | 1,369 |
| 39 | 131 | 5 | 1 | 54,851 | 45,872 | 1,298 |
| 39 | 137 | 5 | 1 | 55,620 | 45,142 | 1,232 |
| 39 | 143 | 5 | 1 | 55,776 | 43,748 | 1,170 |
| 39 | 149 | 5 | 1 | 55,384 | 41,910 | 1,112 |
| 39 | 155 | 5 | 1 | 55,232 | 40,075 | 1,059 |
| 39 | 161 | 5 | 1 | 54,795 | 40,169 | 1,009 |
| 39 | 167 | 6 | 1 | 55,375 | 39,130 | 0,962 |
| 42 | -100 | 6 | 1 | 55,785 | 38,445 | 0,700 |
| 42 | -94 | 5 | 1 | 56,494 | 39,849 | 0,737 |
| 42 | -88 | 5 | 1 | 56,891 | 41,126 | 0,777 |
| 42 | -82 | 5 | 1 | 56,826 | 42,846 | 0,820 |
| 42 | -76 | 5 | 1 | 57,063 | 43,225 | 0,866 |
| 42 | -70 | 5 | 1 | 56,555 | 46,031 | 0,915 |
| 42 | -64 | 5 | 1 | 55,476 | 44,991 | 0,968 |
| 42 | -58 | 5 | 1 | 54,183 | 45,975 | 1,024 |
| 42 | -52 | 5 | 1 | 51,909 | 45,855 | 1,082 |
| 42 | -46 | 4 | 1 | 51,497 | 46,484 | 1,141 |
| 42 | -40 | 4 | 1 | 50,954 | 45,467 | 1,197 |
| 42 | -34 | 4 | 1 | 49,238 | 44,603 | 1,246 |
| 42 | -28 | 4 | 1 | 46,528 | 42,919 | 1,282 |
| 42 | -22 | 4 | 1 | 43,253 | 40,915 | 1,302 |
| 42 | -16 | 4 | 1 | 39,758 | 38,374 | 1,307 |
| 42 | -10 | 3 | 1 | 36,733 | 35,568 | 1,306 |
| 42 | -4 | 3 | 1 | 34,238 | 32,016 | 1,299 |
| 42 | 2 | 3 | 1 | 30,113 | 27,669 | 1,287 |
| 42 | 8 | 3 | 1 | 24,825 | 23,483 | 1,273 |
| 42 | 14 | 3 | 1 | 19,701 | 19,026 | 1,259 |
| 42 | 20 | 3 | 1 | 16,971 | 15,703 | 1,261 |
| 42 | 26 | 3 | 1 | 16,927 | 15,823 | 1,300 |
| 42 | 32 | 3 | 1 | 16,892 | 15,271 | 1,363 |
| 42 | 38 | 3 | 1 | 16,896 | 15,309 | 1,424 |
| 42 | 44 | 3 | 1 | 16,962 | 15,810 | 1,479 |
| 42 | 50 | 3 | 1 | 20,357 | 20,098 | 1,538 |
| 42 | 56 | 3 | 1 | 26,006 | 24,867 | 1,619 |
| 42 | 62 | 3 | 1 | 31,313 | 28,916 | 1,712 |
| 42 | 68 | 3 | 1 | 35,108 | 32,931 | 1,782 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 42 | 74 | 3 | 1 | 37,378 | 36,629 | 1,816 |
| 42 | 80 | 4 | 1 | 40,504 | 39,403 | 1,820 |
| 42 | 86 | 4 | 1 | 43,508 | 42,657 | 1,802 |
| 42 | 92 | 4 | 1 | 46,283 | 44,767 | 1,763 |
| 42 | 98 | 4 | 1 | 48,275 | 47,201 | 1,706 |
| 42 | 104 | 4 | 1 | 49,507 | 47,747 | 1,638 |
| 42 | 110 | 4 | 1 | 49,818 | 48,100 | 1,563 |
| 42 | 116 | 5 | 1 | 50,961 | 47,636 | 1,485 |
| 42 | 122 | 5 | 1 | 52,749 | 46,442 | 1,409 |
| 42 | 128 | 5 | 1 | 53,959 | 45,235 | 1,336 |
| 42 | 134 | 5 | 1 | 54,936 | 45,481 | 1,267 |
| 42 | 140 | 5 | 1 | 55,207 | 44,185 | 1,202 |
| 42 | 146 | 5 | 1 | 55,194 | 42,343 | 1,142 |
| 42 | 152 | 5 | 1 | 55,175 | 41,241 | 1,086 |
| 42 | 158 | 5 | 1 | 54,690 | 40,328 | 1,034 |
| 42 | 164 | 6 | 1 | 54,440 | 42,034 | 0,985 |
| 42 | 170 | 6 | 1 | 55,476 | 39,899 | 0,940 |
| 45 | -97 | 5 | 1 | 55,563 | 39,261 | 0,717 |
| 45 | -91 | 5 | 1 | 56,384 | 40,690 | 0,755 |
| 45 | -85 | 5 | 1 | 56,821 | 41,933 | 0,796 |
| 45 | -79 | 5 | 1 | 56,615 | 43,298 | 0,841 |
| 45 | -73 | 5 | 1 | 56,562 | 43,704 | 0,888 |
| 45 | -67 | 5 | 1 | 55,862 | 45,536 | 0,940 |
| 45 | -61 | 5 | 1 | 54,610 | 43,593 | 0,995 |
| 45 | -55 | 5 | 1 | 52,991 | 46,132 | 1,053 |
| 45 | -49 | 4 | 1 | 51,129 | 46,386 | 1,112 |
| 45 | -43 | 4 | 1 | 50,955 | 45,645 | 1,172 |
| 45 | -37 | 4 | 1 | 49,805 | 44,371 | 1,228 |
| 45 | -31 | 4 | 1 | 47,869 | 42,994 | 1,276 |
| 45 | -25 | 4 | 1 | 45,097 | 41,795 | 1,312 |
| 45 | -19 | 4 | 1 | 41,882 | 39,987 | 1,335 |
| 45 | -13 | 4 | 1 | 38,820 | 37,593 | 1,348 |
| 45 | -7 | 3 | 1 | 36,239 | 34,773 | 1,355 |
| 45 | -1 | 3 | 1 | 33,589 | 30,779 | 1,364 |
| 45 | 5 | 3 | 1 | 29,391 | 27,283 | 1,374 |
| 45 | 11 | 3 | 1 | 24,336 | 23,239 | 1,380 |
| 45 | 17 | 3 | 1 | 19,522 | 19,208 | 1,384 |
| 45 | 23 | 3 | 1 | 16,847 | 16,028 | 1,410 |
| 45 | 29 | 3 | 1 | 16,783 | 15,724 | 1,467 |
| 45 | 35 | 3 | 1 | 16,737 | 15,334 | 1,537 |
| 45 | 41 | 3 | 1 | 16,798 | 16,427 | 1,603 |
| 45 | 47 | 2 | 1 | 20,151 | 19,907 | 1,659 |
| 45 | 53 | 3 | 1 | 25,265 | 24,419 | 1,720 |
| 45 | 59 | 3 | 1 | 30,399 | 28,358 | 1,797 |
| 45 | 65 | 3 | 1 | 34,355 | 31,513 | 1,865 |
| 45 | 71 | 3 | 1 | 36,783 | 35,876 | 1,898 |
| 45 | 77 | 4 | 1 | 39,324 | 38,560 | 1,895 |
| 45 | 83 | 4 | 1 | 42,200 | 40,950 | 1,867 |
| 45 | 89 | 4 | 1 | 44,778 | 43,901 | 1,821 |
| 45 | 95 | 4 | 1 | 47,006 | 45,610 | 1,761 |
| 45 | 101 | 4 | 1 | 48,479 | 46,975 | 1,690 |
| 45 | 107 | 4 | 1 | 49,047 | 47,841 | 1,612 |
| 45 | 113 | 5 | 1 | 49,426 | 46,867 | 1,532 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 45 | 119 | 5 | 1 | 51,500 | 46,744 | 1,453 |
| 45 | 125 | 5 | 1 | 52,904 | 45,192 | 1,377 |
| 45 | 131 | 5 | 1 | 54,111 | 45,548 | 1,305 |
| 45 | 137 | 5 | 1 | 54,525 | 44,523 | 1,237 |
| 45 | 143 | 5 | 1 | 54,876 | 42,734 | 1,174 |
| 45 | 149 | 5 | 1 | 54,894 | 42,440 | 1,115 |
| 45 | 155 | 5 | 1 | 54,352 | 41,861 | 1,061 |
| 45 | 161 | 6 | 1 | 54,035 | 39,970 | 1,010 |
| 45 | 167 | 6 | 1 | 54,944 | 38,541 | 0,963 |
| 48 | -100 | 6 | 1 | 55,840 | 37,638 | 0,697 |
| 48 | -94 | 5 | 1 | 55,823 | 39,750 | 0,734 |
| 48 | -88 | 5 | 1 | 56,105 | 41,395 | 0,774 |
| 48 | -82 | 5 | 1 | 56,571 | 42,590 | 0,817 |
| 48 | -76 | 5 | 1 | 56,276 | 43,436 | 0,863 |
| 48 | -70 | 5 | 1 | 55,939 | 44,186 | 0,913 |
| 48 | -64 | 5 | 1 | 55,007 | 44,358 | 0,966 |
| 48 | -58 | 5 | 1 | 53,608 | 44,365 | 1,023 |
| 48 | -52 | 5 | 1 | 51,643 | 45,241 | 1,083 |
| 48 | -46 | 4 | 1 | 50,469 | 46,535 | 1,144 |
| 48 | -40 | 4 | 1 | 50,048 | 44,447 | 1,204 |
| 48 | -34 | 4 | 1 | 48,705 | 44,861 | 1,261 |
| 48 | -28 | 4 | 1 | 46,477 | 43,193 | 1,309 |
| 48 | -22 | 4 | 1 | 43,690 | 41,414 | 1,347 |
| 48 | -16 | 4 | 1 | 40,909 | 39,147 | 1,376 |
| 48 | -10 | 4 | 1 | 37,998 | 37,076 | 1,397 |
| 48 | -4 | 3 | 1 | 35,873 | 34,105 | 1,420 |
| 48 | 2 | 3 | 1 | 33,098 | 30,119 | 1,450 |
| 48 | 8 | 3 | 1 | 29,019 | 27,193 | 1,482 |
| 48 | 14 | 3 | 1 | 24,384 | 23,546 | 1,503 |
| 48 | 20 | 2 | 1 | 20,310 | 20,023 | 1,525 |
| 48 | 26 | 3 | 1 | 17,818 | 17,467 | 1,571 |
| 48 | 32 | 3 | 1 | 17,362 | 16,877 | 1,643 |
| 48 | 38 | 3 | 1 | 18,336 | 18,050 | 1,721 |
| 48 | 44 | 3 | 1 | 20,894 | 20,701 | 1,787 |
| 48 | 50 | 3 | 1 | 25,133 | 24,433 | 1,838 |
| 48 | 56 | 3 | 1 | 29,794 | 28,043 | 1,894 |
| 48 | 62 | 3 | 1 | 33,712 | 31,121 | 1,953 |
| 48 | 68 | 3 | 1 | 36,273 | 34,670 | 1,987 |
| 48 | 74 | 4 | 1 | 38,322 | 37,829 | 1,982 |
| 48 | 80 | 4 | 1 | 41,030 | 40,288 | 1,945 |
| 48 | 86 | 4 | 1 | 43,509 | 42,279 | 1,888 |
| 48 | 92 | 4 | 1 | 45,673 | 44,575 | 1,821 |
| 48 | 98 | 4 | 1 | 47,275 | 46,236 | 1,745 |
| 48 | 104 | 4 | 1 | 48,298 | 46,504 | 1,665 |
| 48 | 110 | 4 | 1 | 48,525 | 46,777 | 1,582 |
| 48 | 116 | 5 | 1 | 50,149 | 46,728 | 1,500 |
| 48 | 122 | 5 | 1 | 51,711 | 44,925 | 1,421 |
| 48 | 128 | 5 | 1 | 53,163 | 44,434 | 1,345 |
| 48 | 134 | 5 | 1 | 53,751 | 44,234 | 1,274 |
| 48 | 140 | 5 | 1 | 54,377 | 43,112 | 1,208 |
| 48 | 146 | 5 | 1 | 54,444 | 41,695 | 1,147 |
| 48 | 152 | 5 | 1 | 54,043 | 40,554 | 1,090 |
| 48 | 158 | 5 | 1 | 53,925 | 39,577 | 1,037 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 48 | 164 | 6 | 1 | 53,986 | 39,465 | 0,988 |
| 48 | 170 | 6 | 1 | 54,584 | 41,392 | 0,942 |
| 51 | -97 | 5 | 1 | 55,198 | 38,323 | 0,714 |
| 51 | -91 | 5 | 1 | 55,835 | 39,437 | 0,753 |
| 51 | -85 | 5 | 1 | 55,803 | 41,336 | 0,794 |
| 51 | -79 | 5 | 1 | 56,177 | 43,100 | 0,839 |
| 51 | -73 | 5 | 1 | 55,765 | 43,782 | 0,887 |
| 51 | -67 | 5 | 1 | 55,198 | 44,268 | 0,939 |
| 51 | -61 | 5 | 1 | 53,996 | 43,518 | 0,995 |
| 51 | -55 | 5 | 1 | 52,468 | 45,110 | 1,054 |
| 51 | -49 | 5 | 1 | 50,161 | 45,096 | 1,115 |
| 51 | -43 | 4 | 1 | 49,876 | 45,162 | 1,177 |
| 51 | -37 | 4 | 1 | 49,006 | 45,328 | 1,238 |
| 51 | -31 | 4 | 1 | 47,327 | 44,567 | 1,295 |
| 51 | -25 | 4 | 1 | 45,141 | 42,633 | 1,345 |
| 51 | -19 | 4 | 1 | 42,631 | 40,154 | 1,387 |
| 51 | -13 | 4 | 1 | 40,095 | 38,546 | 1,423 |
| 51 | -7 | 4 | 1 | 37,237 | 36,619 | 1,457 |
| 51 | -1 | 3 | 1 | 35,527 | 33,422 | 1,499 |
| 51 | 5 | 3 | 1 | 32,798 | 29,987 | 1,554 |
| 51 | 11 | 3 | 1 | 29,091 | 27,409 | 1,602 |
| 51 | 17 | 3 | 1 | 25,124 | 24,369 | 1,636 |
| 51 | 23 | 3 | 1 | 22,003 | 21,563 | 1,676 |
| 51 | 29 | 3 | 1 | 20,610 | 19,909 | 1,743 |
| 51 | 35 | 3 | 1 | 20,822 | 20,477 | 1,827 |
| 51 | 41 | 3 | 1 | 22,510 | 22,140 | 1,907 |
| 51 | 47 | 3 | 1 | 25,699 | 25,116 | 1,962 |
| 51 | 53 | 3 | 1 | 29,643 | 28,028 | 2,002 |
| 51 | 59 | 3 | 1 | 33,231 | 30,566 | 2,045 |
| 51 | 65 | 3 | 1 | 35,792 | 33,840 | 2,075 |
| 51 | 71 | 4 | 1 | 37,450 | 37,090 | 2,071 |
| 51 | 77 | 4 | 1 | 40,131 | 39,416 | 2,030 |
| 51 | 83 | 4 | 1 | 42,359 | 41,640 | 1,965 |
| 51 | 89 | 4 | 1 | 44,422 | 43,399 | 1,887 |
| 51 | 95 | 4 | 1 | 46,176 | 44,651 | 1,805 |
| 51 | 101 | 4 | 1 | 47,310 | 45,978 | 1,720 |
| 51 | 107 | 4 | 1 | 47,717 | 46,676 | 1,634 |
| 51 | 113 | 5 | 1 | 48,725 | 45,938 | 1,549 |
| 51 | 119 | 5 | 1 | 50,458 | 44,971 | 1,467 |
| 51 | 125 | 5 | 1 | 52,108 | 44,666 | 1,388 |
| 51 | 131 | 5 | 1 | 52,897 | 44,345 | 1,314 |
| 51 | 137 | 5 | 1 | 53,732 | 43,372 | 1,245 |
| 51 | 143 | 5 | 1 | 53,869 | 41,943 | 1,181 |
| 51 | 149 | 5 | 1 | 53,873 | 40,201 | 1,121 |
| 51 | 155 | 5 | 1 | 53,718 | 40,952 | 1,066 |
| 51 | 161 | 6 | 1 | 53,081 | 41,744 | 1,014 |
| 51 | 167 | 6 | 1 | 54,260 | 38,909 | 0,966 |
| 54 | -100 | 6 | 1 | 55,518 | 37,319 | 0,695 |
| 54 | -94 | 5 | 1 | 54,900 | 38,988 | 0,732 |
| 54 | -88 | 5 | 1 | 55,650 | 40,098 | 0,773 |
| 54 | -82 | 5 | 1 | 55,616 | 41,137 | 0,816 |
| 54 | -76 | 5 | 1 | 55,661 | 42,403 | 0,863 |
| 54 | -70 | 5 | 1 | 55,098 | 43,948 | 0,913 |

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 54 | -64 | 5 | 1 | 54,340 | 43,765 | 0,967 |
| 54 | -58 | 5 | 1 | 52,840 | 42,815 | 1,025 |
| 54 | -52 | 5 | 1 | 51,201 | 44,752 | 1,086 |
| 54 | -46 | 4 | 1 | 49,270 | 45,723 | 1,148 |
| 54 | -40 | 4 | 1 | 48,967 | 45,378 | 1,211 |
| 54 | -34 | 4 | 1 | 47,913 | 44,498 | 1,272 |
| 54 | -28 | 4 | 1 | 46,169 | 42,955 | 1,329 |
| 54 | -22 | 4 | 1 | 43,980 | 40,853 | 1,382 |
| 54 | -16 | 4 | 1 | 41,711 | 39,323 | 1,430 |
| 54 | -10 | 4 | 1 | 39,427 | 38,026 | 1,475 |
| 54 | -4 | 3 | 1 | 36,929 | 35,933 | 1,526 |
| 54 | 2 | 3 | 1 | 35,299 | 32,856 | 1,593 |
| 54 | 8 | 3 | 1 | 32,746 | 30,041 | 1,667 |
| 54 | 14 | 3 | 1 | 29,585 | 27,941 | 1,724 |
| 54 | 20 | 3 | 1 | 26,486 | 25,579 | 1,770 |
| 54 | 26 | 3 | 1 | 24,414 | 23,665 | 1,831 |
| 54 | 32 | 3 | 1 | 23,817 | 23,196 | 1,916 |
| 54 | 38 | 3 | 1 | 24,668 | 24,239 | 2,006 |
| 54 | 44 | 3 | 1 | 26,833 | 26,324 | 2,074 |
| 54 | 50 | 3 | 1 | 29,924 | 28,943 | 2,110 |
| 54 | 56 | 3 | 1 | 32,995 | 30,461 | 2,136 |
| 54 | 62 | 3 | 1 | 35,441 | 33,128 | 2,159 |
| 54 | 68 | 3 | 1 | 37,013 | 36,349 | 2,156 |
| 54 | 74 | 4 | 1 | 39,349 | 38,667 | 2,116 |
| 54 | 80 | 4 | 1 | 41,513 | 40,454 | 2,047 |
| 54 | 86 | 4 | 1 | 43,368 | 42,346 | 1,960 |
| 54 | 92 | 4 | 1 | 44,980 | 44,146 | 1,869 |
| 54 | 98 | 4 | 1 | 46,248 | 45,181 | 1,778 |
| 54 | 104 | 4 | 1 | 47,010 | 45,426 | 1,689 |
| 54 | 110 | 5 | 1 | 47,275 | 45,180 | 1,601 |
| 54 | 116 | 5 | 1 | 49,233 | 45,134 | 1,515 |
| 54 | 122 | 5 | 1 | 50,964 | 44,413 | 1,434 |
| 54 | 128 | 5 | 1 | 51,972 | 43,916 | 1,356 |
| 54 | 134 | 5 | 1 | 52,970 | 43,370 | 1,284 |
| 54 | 140 | 5 | 1 | 53,202 | 42,175 | 1,217 |
| 54 | 146 | 5 | 1 | 53,514 | 40,577 | 1,154 |
| 54 | 152 | 5 | 1 | 53,327 | 40,381 | 1,096 |
| 54 | 158 | 5 | 1 | 52,850 | 39,867 | 1,042 |
| 54 | 164 | 6 | 1 | 53,506 | 38,743 | 0,992 |
| 54 | 170 | 6 | 1 | 53,890 | 39,881 | 0,945 |
| 57 | -97 | 6 | 1 | 54,773 | 37,547 | 0,713 |
| 57 | -91 | 5 | 1 | 54,840 | 39,533 | 0,752 |
| 57 | -85 | 5 | 1 | 55,312 | 40,626 | 0,794 |
| 57 | -79 | 5 | 1 | 55,256 | 41,379 | 0,839 |
| 57 | -73 | 5 | 1 | 55,040 | 41,910 | 0,888 |
| 57 | -67 | 5 | 1 | 54,292 | 43,931 | 0,941 |
| 57 | -61 | 5 | 1 | 53,368 | 43,410 | 0,997 |
| 57 | -55 | 5 | 1 | 51,661 | 43,044 | 1,056 |
| 57 | -49 | 5 | 1 | 49,832 | 43,596 | 1,118 |
| 57 | -43 | 4 | 1 | 48,608 | 44,408 | 1,181 |
| 57 | -37 | 4 | 1 | 47,969 | 44,446 | 1,244 |
| 57 | -31 | 4 | 1 | 46,692 | 43,757 | 1,306 |
| 57 | -25 | 4 | 1 | 44,898 | 42,482 | 1,365 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 57 | -19 | 4 | 1 | 42,948 | 40,788 | 1,421 |
| 57 | -13 | 4 | 1 | 40,965 | 38,655 | 1,475 |
| 57 | -7 | 4 | 1 | 38,863 | 37,420 | 1,533 |
| 57 | -1 | 3 | 1 | 36,721 | 35,772 | 1,605 |
| 57 | 5 | 3 | 1 | 35,159 | 32,546 | 1,694 |
| 57 | 11 | 3 | 1 | 32,950 | 30,350 | 1,777 |
| 57 | 17 | 3 | 1 | 30,436 | 28,757 | 1,839 |
| 57 | 23 | 3 | 1 | 28,246 | 27,020 | 1,901 |
| 57 | 29 | 3 | 1 | 27,050 | 25,926 | 1,982 |
| 57 | 35 | 3 | 1 | 27,113 | 26,652 | 2,077 |
| 57 | 41 | 3 | 1 | 28,389 | 27,889 | 2,160 |
| 57 | 47 | 3 | 1 | 30,580 | 30,059 | 2,205 |
| 57 | 53 | 3 | 1 | 33,045 | 31,486 | 2,223 |
| 57 | 59 | 3 | 1 | 35,171 | 32,856 | 2,234 |
| 57 | 65 | 3 | 1 | 36,680 | 35,962 | 2,231 |
| 57 | 71 | 4 | 1 | 38,668 | 38,067 | 2,195 |
| 57 | 77 | 4 | 1 | 40,775 | 39,570 | 2,128 |
| 57 | 83 | 4 | 1 | 42,461 | 41,406 | 2,037 |
| 57 | 89 | 4 | 1 | 44,001 | 42,752 | 1,938 |
| 57 | 95 | 4 | 1 | 45,288 | 43,849 | 1,840 |
| 57 | 101 | 4 | 1 | 46,133 | 44,722 | 1,745 |
| 57 | 107 | 4 | 1 | 46,434 | 45,128 | 1,653 |
| 57 | 113 | 5 | 1 | 47,977 | 45,068 | 1,565 |
| 57 | 119 | 5 | 1 | 49,758 | 43,915 | 1,480 |
| 57 | 125 | 5 | 1 | 50,985 | 42,553 | 1,400 |
| 57 | 131 | 5 | 1 | 52,111 | 43,446 | 1,325 |
| 57 | 137 | 5 | 1 | 52,463 | 42,323 | 1,255 |
| 57 | 143 | 5 | 1 | 53,007 | 41,318 | 1,189 |
| 57 | 149 | 5 | 1 | 52,803 | 40,978 | 1,128 |
| 57 | 155 | 5 | 1 | 52,748 | 38,685 | 1,071 |
| 57 | 161 | 6 | 1 | 52,457 | 39,432 | 1,019 |
| 57 | 167 | 6 | 1 | 53,413 | 40,170 | 0,970 |
| 60 | -100 | 6 | 1 | 54,917 | 36,772 | 0,695 |
| 60 | -94 | 5 | 1 | 54,400 | 37,865 | 0,732 |
| 60 | -88 | 5 | 1 | 54,731 | 39,287 | 0,773 |
| 60 | -82 | 5 | 1 | 54,855 | 40,898 | 0,817 |
| 60 | -76 | 5 | 1 | 54,751 | 41,596 | 0,864 |
| 60 | -70 | 5 | 1 | 54,323 | 42,196 | 0,915 |
| 60 | -64 | 5 | 1 | 53,361 | 43,735 | 0,970 |
| 60 | -58 | 5 | 1 | 52,291 | 42,850 | 1,028 |
| 60 | -52 | 5 | 1 | 50,525 | 43,625 | 1,088 |
| 60 | -46 | 5 | 1 | 48,402 | 43,931 | 1,150 |
| 60 | -40 | 4 | 1 | 47,775 | 43,974 | 1,214 |
| 60 | -34 | 4 | 1 | 46,970 | 43,583 | 1,277 |
| 60 | -28 | 4 | 1 | 45,633 | 42,632 | 1,339 |
| 60 | -22 | 4 | 1 | 43,966 | 41,208 | 1,400 |
| 60 | -16 | 4 | 1 | 42,229 | 39,711 | 1,460 |
| 60 | -10 | 4 | 1 | 40,391 | 38,324 | 1,522 |
| 60 | -4 | 4 | 1 | 38,374 | 36,958 | 1,595 |
| 60 | 2 | 3 | 1 | 36,524 | 35,469 | 1,688 |
| 60 | 8 | 3 | 1 | 35,190 | 32,687 | 1,790 |
| 60 | 14 | 3 | 1 | 33,384 | 30,864 | 1,873 |
| 60 | 20 | 3 | 1 | 31,515 | 29,631 | 1,943 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 60 | 26 | 3 | 1 | 30,102 | 28,611 | 2,023 |
| 60 | 32 | 3 | 1 | 29,582 | 28,959 | 2,117 |
| 60 | 38 | 3 | 1 | 30,117 | 29,564 | 2,210 |
| 60 | 44 | 3 | 1 | 31,510 | 30,977 | 2,273 |
| 60 | 50 | 3 | 1 | 33,337 | 32,377 | 2,296 |
| 60 | 56 | 3 | 1 | 35,097 | 33,641 | 2,299 |
| 60 | 62 | 3 | 1 | 36,379 | 35,662 | 2,293 |
| 60 | 68 | 4 | 1 | 38,189 | 37,345 | 2,262 |
| 60 | 74 | 4 | 1 | 40,158 | 39,071 | 2,200 |
| 60 | 80 | 4 | 1 | 41,678 | 41,008 | 2,112 |
| 60 | 86 | 4 | 1 | 43,079 | 42,260 | 2,009 |
| 60 | 92 | 4 | 1 | 44,267 | 43,462 | 1,904 |
| 60 | 98 | 4 | 1 | 45,143 | 44,287 | 1,803 |
| 60 | 104 | 4 | 1 | 45,662 | 44,504 | 1,706 |
| 60 | 110 | 5 | 1 | 46,732 | 44,229 | 1,615 |
| 60 | 116 | 5 | 1 | 48,523 | 44,449 | 1,528 |
| 60 | 122 | 5 | 1 | 49,951 | 42,709 | 1,446 |
| 60 | 128 | 5 | 1 | 51,178 | 43,254 | 1,368 |
| 60 | 134 | 5 | 1 | 51,669 | 42,246 | 1,294 |
| 60 | 140 | 5 | 1 | 52,388 | 41,606 | 1,226 |
| 60 | 146 | 5 | 1 | 52,226 | 39,758 | 1,162 |
| 60 | 152 | 5 | 1 | 52,450 | 40,076 | 1,102 |
| 60 | 158 | 5 | 1 | 51,916 | 41,222 | 1,047 |
| 60 | 164 | 6 | 1 | 52,829 | 38,055 | 0,996 |
| 60 | 170 | 6 | 1 | 53,416 | 38,193 | 0,948 |
| 63 | -97 | 6 | 1 | 54,336 | 37,008 | 0,713 |
| 63 | -91 | 5 | 1 | 54,034 | 38,375 | 0,753 |
| 63 | -85 | 5 | 1 | 54,451 | 39,111 | 0,795 |
| 63 | -79 | 5 | 1 | 54,304 | 41,263 | 0,841 |
| 63 | -73 | 5 | 1 | 54,121 | 41,779 | 0,890 |
| 63 | -67 | 5 | 1 | 53,518 | 42,440 | 0,943 |
| 63 | -61 | 5 | 1 | 52,324 | 43,037 | 0,999 |
| 63 | -55 | 5 | 1 | 51,128 | 42,103 | 1,058 |
| 63 | -49 | 5 | 1 | 49,320 | 43,297 | 1,119 |
| 63 | -43 | 4 | 1 | 47,168 | 43,868 | 1,182 |
| 63 | -37 | 4 | 1 | 46,753 | 43,811 | 1,245 |
| 63 | -31 | 4 | 1 | 45,836 | 43,177 | 1,308 |
| 63 | -25 | 4 | 1 | 44,522 | 42,076 | 1,371 |
| 63 | -19 | 4 | 1 | 43,051 | 40,604 | 1,434 |
| 63 | -13 | 4 | 1 | 41,607 | 38,734 | 1,498 |
| 63 | -7 | 4 | 1 | 39,940 | 37,949 | 1,570 |
| 63 | -1 | 4 | 1 | 38,043 | 36,793 | 1,660 |
| 63 | 5 | 3 | 1 | 36,402 | 35,297 | 1,768 |
| 63 | 11 | 3 | 1 | 35,253 | 33,194 | 1,870 |
| 63 | 17 | 3 | 1 | 33,922 | 31,705 | 1,953 |
| 63 | 23 | 3 | 1 | 32,649 | 30,603 | 2,034 |
| 63 | 29 | 3 | 1 | 31,875 | 30,266 | 2,127 |
| 63 | 35 | 3 | 1 | 31,839 | 31,252 | 2,225 |
| 63 | 41 | 3 | 1 | 32,573 | 32,091 | 2,304 |
| 63 | 47 | 3 | 1 | 33,795 | 33,274 | 2,343 |
| 63 | 53 | 3 | 1 | 35,103 | 34,090 | 2,348 |
| 63 | 59 | 3 | 1 | 36,224 | 35,539 | 2,340 |
| 63 | 65 | 4 | 1 | 37,834 | 36,978 | 2,314 |

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 63 | 71 | 4 | 1 | 39,661 | 38,571 | 2,260 |
| 63 | 77 | 4 | 1 | 41,116 | 40,198 | 2,179 |
| 63 | 83 | 4 | 1 | 42,368 | 41,108 | 2,078 |
| 63 | 89 | 4 | 1 | 43,459 | 42,227 | 1,970 |
| 63 | 95 | 4 | 1 | 44,359 | 42,972 | 1,862 |
| 63 | 101 | 4 | 1 | 44,938 | 43,302 | 1,761 |
| 63 | 107 | 5 | 1 | 45,540 | 44,616 | 1,666 |
| 63 | 113 | 5 | 1 | 47,295 | 44,199 | 1,576 |
| 63 | 119 | 5 | 1 | 48,893 | 43,313 | 1,492 |
| 63 | 125 | 5 | 1 | 50,193 | 42,249 | 1,411 |
| 63 | 131 | 5 | 1 | 50,862 | 41,897 | 1,335 |
| 63 | 137 | 5 | 1 | 51,683 | 41,115 | 1,264 |
| 63 | 143 | 5 | 1 | 51,797 | 39,744 | 1,197 |
| 63 | 149 | 5 | 1 | 52,003 | 40,532 | 1,135 |
| 63 | 155 | 5 | 1 | 51,573 | 39,667 | 1,077 |
| 63 | 161 | 6 | 1 | 51,941 | 38,680 | 1,023 |
| 63 | 167 | 6 | 1 | 52,489 | 40,748 | 0,973 |
| 66 | -100 | 6 | 1 | 54,143 | 35,822 | 0,695 |
| 66 | -94 | 5 | 1 | 53,597 | 37,155 | 0,733 |
| 66 | -88 | 5 | 1 | 53,549 | 38,773 | 0,774 |
| 66 | -82 | 5 | 1 | 54,032 | 39,465 | 0,818 |
| 66 | -76 | 5 | 1 | 53,675 | 41,127 | 0,866 |
| 66 | -70 | 5 | 1 | 53,387 | 41,918 | 0,917 |
| 66 | -64 | 5 | 1 | 52,634 | 42,622 | 0,972 |
| 66 | -58 | 5 | 1 | 51,305 | 42,754 | 1,029 |
| 66 | -52 | 5 | 1 | 49,908 | 41,198 | 1,088 |
| 66 | -46 | 5 | 1 | 48,089 | 42,085 | 1,149 |
| 66 | -40 | 4 | 1 | 46,467 | 42,389 | 1,212 |
| 66 | -34 | 4 | 1 | 45,910 | 42,171 | 1,274 |
| 66 | -28 | 4 | 1 | 44,939 | 41,773 | 1,338 |
| 66 | -22 | 4 | 1 | 43,712 | 40,970 | 1,401 |
| 66 | -16 | 4 | 1 | 42,409 | 40,083 | 1,465 |
| 66 | -10 | 4 | 1 | 41,086 | 38,600 | 1,535 |
| 66 | -4 | 4 | 1 | 39,606 | 37,576 | 1,618 |
| 66 | 2 | 4 | 1 | 37,889 | 36,848 | 1,722 |
| 66 | 8 | 3 | 1 | 36,327 | 35,640 | 1,834 |
| 66 | 14 | 3 | 1 | 35,450 | 33,910 | 1,932 |
| 66 | 20 | 3 | 1 | 34,464 | 32,493 | 2,017 |
| 66 | 26 | 3 | 1 | 33,702 | 31,698 | 2,109 |
| 66 | 32 | 3 | 1 | 33,369 | 32,578 | 2,208 |
| 66 | 38 | 3 | 1 | 33,595 | 32,892 | 2,298 |
| 66 | 44 | 3 | 1 | 34,309 | 33,616 | 2,357 |
| 66 | 50 | 3 | 1 | 35,243 | 34,589 | 2,375 |
| 66 | 56 | 3 | 1 | 36,088 | 35,804 | 2,370 |
| 66 | 62 | 4 | 1 | 37,605 | 37,043 | 2,349 |
| 66 | 68 | 4 | 1 | 39,279 | 38,201 | 2,303 |
| 66 | 74 | 4 | 1 | 40,625 | 39,556 | 2,232 |
| 66 | 80 | 4 | 1 | 41,680 | 40,939 | 2,138 |
| 66 | 86 | 4 | 1 | 42,684 | 41,838 | 2,032 |
| 66 | 92 | 4 | 1 | 43,528 | 42,531 | 1,922 |
| 66 | 98 | 4 | 1 | 44,127 | 43,012 | 1,816 |
| 66 | 104 | 5 | 1 | 44,419 | 43,514 | 1,717 |
| 66 | 110 | 5 | 1 | 46,106 | 43,420 | 1,625 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 66 | 116 | 5 | 1 | 47,839 | 42,738 | 1,537 |
| 66 | 122 | 5 | 1 | 49,181 | 42,226 | 1,455 |
| 66 | 128 | 5 | 1 | 49,988 | 41,747 | 1,377 |
| 66 | 134 | 5 | 1 | 50,915 | 41,115 | 1,303 |
| 66 | 140 | 5 | 1 | 51,247 | 39,809 | 1,234 |
| 66 | 146 | 5 | 1 | 51,448 | 39,862 | 1,169 |
| 66 | 152 | 5 | 1 | 51,358 | 38,274 | 1,109 |
| 66 | 158 | 5 | 1 | 51,138 | 39,256 | 1,052 |
| 66 | 164 | 6 | 1 | 52,048 | 39,003 | 1,000 |
| 66 | 170 | 6 | 1 | 52,817 | 37,207 | 0,951 |
| 69 | -97 | 6 | 1 | 53,703 | 36,270 | 0,714 |
| 69 | -91 | 5 | 1 | 53,289 | 37,244 | 0,754 |
| 69 | -85 | 5 | 1 | 53,293 | 39,065 | 0,797 |
| 69 | -79 | 5 | 1 | 53,502 | 39,699 | 0,843 |
| 69 | -73 | 5 | 1 | 52,983 | 41,192 | 0,892 |
| 69 | -67 | 5 | 1 | 52,566 | 41,586 | 0,945 |
| 69 | -61 | 5 | 1 | 51,686 | 42,016 | 1,000 |
| 69 | -55 | 5 | 1 | 50,300 | 41,567 | 1,058 |
| 69 | -49 | 5 | 1 | 48,670 | 41,540 | 1,117 |
| 69 | -43 | 5 | 1 | 46,880 | 42,074 | 1,178 |
| 69 | -37 | 4 | 1 | 45,611 | 42,360 | 1,239 |
| 69 | -31 | 4 | 1 | 44,957 | 42,268 | 1,302 |
| 69 | -25 | 4 | 1 | 43,992 | 41,779 | 1,364 |
| 69 | -19 | 4 | 1 | 42,878 | 40,565 | 1,427 |
| 69 | -13 | 4 | 1 | 41,853 | 39,041 | 1,493 |
| 69 | -7 | 4 | 1 | 40,654 | 38,486 | 1,569 |
| 69 | -1 | 4 | 1 | 39,366 | 37,256 | 1,663 |
| 69 | 5 | 4 | 1 | 37,837 | 36,554 | 1,775 |
| 69 | 11 | 3 | 1 | 36,236 | 35,804 | 1,882 |
| 69 | 17 | 3 | 1 | 35,604 | 34,699 | 1,974 |
| 69 | 23 | 3 | 1 | 34,985 | 33,804 | 2,065 |
| 69 | 29 | 3 | 1 | 34,563 | 33,469 | 2,164 |
| 69 | 35 | 3 | 1 | 34,528 | 33,908 | 2,260 |
| 69 | 41 | 3 | 1 | 34,858 | 34,352 | 2,336 |
| 69 | 47 | 3 | 1 | 35,387 | 35,012 | 2,373 |
| 69 | 53 | 4 | 1 | 36,224 | 35,976 | 2,378 |
| 69 | 59 | 4 | 1 | 37,625 | 37,194 | 2,364 |
| 69 | 65 | 4 | 1 | 39,011 | 38,038 | 2,330 |
| 69 | 71 | 4 | 1 | 40,216 | 39,048 | 2,269 |
| 69 | 77 | 4 | 1 | 41,198 | 40,309 | 2,186 |
| 69 | 83 | 4 | 1 | 42,070 | 40,891 | 2,087 |
| 69 | 89 | 4 | 1 | 42,783 | 41,807 | 1,979 |
| 69 | 95 | 4 | 1 | 43,341 | 42,402 | 1,871 |
| 69 | 101 | 4 | 1 | 43,661 | 42,666 | 1,768 |
| 69 | 107 | 5 | 1 | 45,161 | 42,881 | 1,673 |
| 69 | 113 | 5 | 1 | 46,817 | 42,597 | 1,583 |
| 69 | 119 | 5 | 1 | 48,168 | 42,123 | 1,499 |
| 69 | 125 | 5 | 1 | 49,090 | 41,496 | 1,419 |
| 69 | 131 | 5 | 1 | 50,106 | 41,033 | 1,343 |
| 69 | 137 | 5 | 1 | 50,608 | 41,504 | 1,272 |
| 69 | 143 | 5 | 1 | 50,816 | 39,926 | 1,204 |
| 69 | 149 | 5 | 1 | 50,987 | 38,831 | 1,141 |
| 69 | 155 | 5 | 1 | 50,649 | 40,638 | 1,083 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 69 | 161 | 6 | 1 | 51,297 | 37,173 | 1,028 |
| 69 | 167 | 6 | 1 | 51,761 | 39,347 | 0,977 |
| 72 | -100 | 6 | 1 | 53,490 | 34,827 | 0,695 |
| 72 | -94 | 6 | 1 | 52,991 | 36,419 | 0,734 |
| 72 | -88 | 5 | 1 | 52,847 | 37,496 | 0,775 |
| 72 | -82 | 5 | 1 | 52,924 | 38,816 | 0,820 |
| 72 | -76 | 5 | 1 | 52,885 | 39,821 | 0,867 |
| 72 | -70 | 5 | 1 | 52,238 | 40,863 | 0,918 |
| 72 | -64 | 5 | 1 | 51,676 | 41,456 | 0,972 |
| 72 | -58 | 5 | 1 | 50,691 | 40,968 | 1,028 |
| 72 | -52 | 5 | 1 | 49,268 | 41,172 | 1,085 |
| 72 | -46 | 5 | 1 | 47,517 | 41,791 | 1,144 |
| 72 | -40 | 5 | 1 | 45,726 | 42,201 | 1,204 |
| 72 | -34 | 4 | 1 | 44,686 | 41,931 | 1,265 |
| 72 | -28 | 4 | 1 | 44,067 | 41,259 | 1,326 |
| 72 | -22 | 4 | 1 | 43,236 | 40,232 | 1,387 |
| 72 | -16 | 4 | 1 | 42,322 | 39,819 | 1,449 |
| 72 | -10 | 4 | 1 | 41,337 | 38,992 | 1,517 |
| 72 | -4 | 4 | 1 | 40,311 | 38,379 | 1,600 |
| 72 | 2 | 4 | 1 | 39,211 | 37,036 | 1,702 |
| 72 | 8 | 4 | 1 | 37,893 | 36,411 | 1,812 |
| 72 | 14 | 4 | 1 | 36,677 | 36,126 | 1,911 |
| 72 | 20 | 4 | 1 | 35,756 | 35,408 | 2,001 |
| 72 | 26 | 3 | 1 | 35,383 | 34,767 | 2,097 |
| 72 | 32 | 3 | 1 | 35,200 | 34,912 | 2,197 |
| 72 | 38 | 3 | 1 | 35,290 | 35,127 | 2,284 |
| 72 | 44 | 4 | 1 | 35,827 | 35,565 | 2,341 |
| 72 | 50 | 4 | 1 | 36,687 | 36,277 | 2,362 |
| 72 | 56 | 4 | 1 | 37,749 | 37,379 | 2,359 |
| 72 | 62 | 4 | 1 | 38,851 | 38,456 | 2,337 |
| 72 | 68 | 4 | 1 | 39,888 | 38,798 | 2,290 |
| 72 | 74 | 4 | 1 | 40,774 | 39,601 | 2,219 |
| 72 | 80 | 4 | 1 | 41,465 | 40,773 | 2,130 |
| 72 | 86 | 4 | 1 | 42,169 | 41,064 | 2,029 |
| 72 | 92 | 4 | 1 | 42,701 | 41,306 | 1,923 |
| 72 | 98 | 4 | 1 | 43,041 | 41,891 | 1,819 |
| 72 | 104 | 5 | 1 | 44,295 | 42,577 | 1,720 |
| 72 | 110 | 5 | 1 | 45,851 | 42,358 | 1,628 |
| 72 | 116 | 5 | 1 | 47,178 | 41,937 | 1,542 |
| 72 | 122 | 5 | 1 | 48,215 | 41,154 | 1,460 |
| 72 | 128 | 5 | 1 | 49,275 | 40,871 | 1,383 |
| 72 | 134 | 5 | 1 | 49,905 | 40,488 | 1,309 |
| 72 | 140 | 5 | 1 | 50,133 | 40,292 | 1,240 |
| 72 | 146 | 5 | 1 | 50,499 | 40,605 | 1,175 |
| 72 | 152 | 5 | 1 | 50,169 | 39,237 | 1,114 |
| 72 | 158 | 6 | 1 | 50,336 | 38,516 | 1,057 |
| 72 | 164 | 6 | 1 | 51,239 | 39,570 | 1,004 |
| 72 | 170 | 6 | 1 | 52,152 | 36,021 | 0,954 |
| 75 | -97 | 6 | 1 | 52,976 | 35,245 | 0,714 |
| 75 | -91 | 5 | 1 | 52,349 | 36,472 | 0,754 |
| 75 | -85 | 5 | 1 | 52,305 | 37,757 | 0,797 |
| 75 | -79 | 5 | 1 | 52,438 | 38,064 | 0,843 |
| 75 | -73 | 5 | 1 | 52,197 | 39,838 | 0,892 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 75 | -67 | 5 | 1 | 51,449 | 41,171 | 0,944 |
| 75 | -61 | 5 | 1 | 50,741 | 40,954 | 0,998 |
| 75 | -55 | 5 | 1 | 49,676 | 40,643 | 1,054 |
| 75 | -49 | 5 | 1 | 48,242 | 40,466 | 1,111 |
| 75 | -43 | 5 | 1 | 46,551 | 40,901 | 1,169 |
| 75 | -37 | 5 | 1 | 44,728 | 40,897 | 1,228 |
| 75 | -31 | 4 | 1 | 43,946 | 40,486 | 1,287 |
| 75 | -25 | 4 | 1 | 43,318 | 40,490 | 1,346 |
| 75 | -19 | 4 | 1 | 42,539 | 40,304 | 1,405 |
| 75 | -13 | 4 | 1 | 41,750 | 39,196 | 1,466 |
| 75 | -7 | 4 | 1 | 40,948 | 38,924 | 1,538 |
| 75 | -1 | 4 | 1 | 40,071 | 38,123 | 1,626 |
| 75 | 5 | 4 | 1 | 39,126 | 36,952 | 1,730 |
| 75 | 11 | 4 | 1 | 38,071 | 36,440 | 1,832 |
| 75 | 17 | 4 | 1 | 37,185 | 35,993 | 1,923 |
| 75 | 23 | 4 | 1 | 36,575 | 35,749 | 2,015 |
| 75 | 29 | 4 | 1 | 36,273 | 35,237 | 2,114 |
| 75 | 35 | 4 | 1 | 36,281 | 35,925 | 2,209 |
| 75 | 41 | 4 | 1 | 36,586 | 36,159 | 2,282 |
| 75 | 47 | 4 | 1 | 37,157 | 36,715 | 2,322 |
| 75 | 53 | 4 | 1 | 37,932 | 37,561 | 2,333 |
| 75 | 59 | 4 | 1 | 38,784 | 38,385 | 2,324 |
| 75 | 65 | 4 | 1 | 39,630 | 39,222 | 2,292 |
| 75 | 71 | 4 | 1 | 40,381 | 39,415 | 2,236 |
| 75 | 77 | 4 | 1 | 41,047 | 39,909 | 2,159 |
| 75 | 83 | 4 | 1 | 41,548 | 40,727 | 2,068 |
| 75 | 89 | 4 | 1 | 42,026 | 41,150 | 1,969 |
| 75 | 95 | 4 | 1 | 42,379 | 41,216 | 1,866 |
| 75 | 101 | 5 | 1 | 43,492 | 42,017 | 1,767 |
| 75 | 107 | 5 | 1 | 44,950 | 41,895 | 1,672 |
| 75 | 113 | 5 | 1 | 46,229 | 41,468 | 1,584 |
| 75 | 119 | 5 | 1 | 47,363 | 40,732 | 1,500 |
| 75 | 125 | 5 | 1 | 48,440 | 40,529 | 1,422 |
| 75 | 131 | 5 | 1 | 49,164 | 39,649 | 1,347 |
| 75 | 137 | 5 | 1 | 49,418 | 40,242 | 1,276 |
| 75 | 143 | 5 | 1 | 49,928 | 40,697 | 1,209 |
| 75 | 149 | 5 | 1 | 49,872 | 41,697 | 1,146 |
| 75 | 155 | 5 | 1 | 49,793 | 39,823 | 1,087 |
| 75 | 161 | 6 | 1 | 50,604 | 37,761 | 1,032 |
| 75 | 167 | 6 | 1 | 51,189 | 38,253 | 0,980 |
| 78 | -100 | 6 | 1 | 53,052 | 33,826 | 0,695 |
| 78 | -94 | 6 | 1 | 52,373 | 35,557 | 0,734 |
| 78 | -88 | 5 | 1 | 51,948 | 36,468 | 0,775 |
| 78 | -82 | 5 | 1 | 51,688 | 37,922 | 0,820 |
| 78 | -76 | 5 | 1 | 51,859 | 38,166 | 0,867 |
| 78 | -70 | 5 | 1 | 51,457 | 39,757 | 0,917 |
| 78 | -64 | 5 | 1 | 50,629 | 41,062 | 0,969 |
| 78 | -58 | 5 | 1 | 49,784 | 40,484 | 1,023 |
| 78 | -52 | 5 | 1 | 48,667 | 40,603 | 1,078 |
| 78 | -46 | 5 | 1 | 47,252 | 39,509 | 1,135 |
| 78 | -40 | 5 | 1 | 45,654 | 39,742 | 1,192 |
| 78 | -34 | 5 | 1 | 43,984 | 40,219 | 1,249 |
| 78 | -28 | 4 | 1 | 43,162 | 40,486 | 1,306 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 78 | -22 | 4 | 1 | 42,541 | 40,374 | 1,362 |
| 78 | -16 | 4 | 1 | 41,946 | 39,176 | 1,417 |
| 78 | -10 | 4 | 1 | 41,291 | 39,155 | 1,479 |
| 78 | -4 | 4 | 1 | 40,639 | 38,216 | 1,554 |
| 78 | 2 | 4 | 1 | 39,883 | 37,712 | 1,645 |
| 78 | 8 | 4 | 1 | 39,083 | 37,024 | 1,744 |
| 78 | 14 | 4 | 1 | 38,281 | 36,492 | 1,836 |
| 78 | 20 | 4 | 1 | 37,670 | 35,813 | 1,924 |
| 78 | 26 | 4 | 1 | 37,261 | 35,694 | 2,019 |
| 78 | 32 | 4 | 1 | 37,107 | 36,450 | 2,117 |
| 78 | 38 | 4 | 1 | 37,219 | 36,636 | 2,202 |
| 78 | 44 | 4 | 1 | 37,578 | 37,030 | 2,260 |
| 78 | 50 | 4 | 1 | 38,134 | 37,691 | 2,287 |
| 78 | 56 | 4 | 1 | 38,783 | 38,429 | 2,291 |
| 78 | 62 | 4 | 1 | 39,419 | 38,925 | 2,276 |
| 78 | 68 | 4 | 1 | 40,010 | 39,428 | 2,236 |
| 78 | 74 | 4 | 1 | 40,595 | 39,713 | 2,173 |
| 78 | 80 | 4 | 1 | 41,094 | 39,998 | 2,094 |
| 78 | 86 | 4 | 1 | 41,462 | 40,428 | 2,004 |
| 78 | 92 | 4 | 1 | 41,686 | 40,934 | 1,908 |
| 78 | 98 | 5 | 1 | 42,713 | 41,174 | 1,810 |
| 78 | 104 | 5 | 1 | 44,103 | 41,148 | 1,715 |
| 78 | 110 | 5 | 1 | 45,331 | 40,841 | 1,625 |
| 78 | 116 | 5 | 1 | 46,551 | 40,245 | 1,540 |
| 78 | 122 | 5 | 1 | 47,621 | 40,242 | 1,460 |
| 78 | 128 | 5 | 1 | 48,406 | 39,486 | 1,384 |
| 78 | 134 | 5 | 1 | 48,790 | 40,023 | 1,312 |
| 78 | 140 | 5 | 1 | 49,299 | 39,653 | 1,243 |
| 78 | 146 | 5 | 1 | 49,456 | 42,285 | 1,178 |
| 78 | 152 | 5 | 1 | 49,250 | 40,234 | 1,117 |
| 78 | 158 | 6 | 1 | 49,755 | 38,725 | 1,060 |
| 78 | 164 | 6 | 1 | 50,461 | 39,788 | 1,007 |
| 78 | 170 | 6 | 1 | 51,466 | 35,726 | 0,957 |
| 81 | -97 | 6 | 1 | 52,239 | 34,214 | 0,713 |
| 81 | -91 | 6 | 1 | 51,564 | 35,577 | 0,753 |
| 81 | -85 | 5 | 1 | 51,436 | 36,445 | 0,796 |
| 81 | -79 | 5 | 1 | 51,259 | 38,000 | 0,842 |
| 81 | -73 | 5 | 1 | 51,211 | 38,173 | 0,890 |
| 81 | -67 | 5 | 1 | 50,681 | 39,588 | 0,940 |
| 81 | -61 | 5 | 1 | 49,793 | 40,431 | 0,992 |
| 81 | -55 | 5 | 1 | 48,829 | 39,958 | 1,046 |
| 81 | -49 | 5 | 1 | 47,691 | 39,693 | 1,101 |
| 81 | -43 | 5 | 1 | 46,323 | 39,073 | 1,156 |
| 81 | -37 | 5 | 1 | 44,831 | 39,751 | 1,212 |
| 81 | -31 | 5 | 1 | 43,287 | 40,207 | 1,267 |
| 81 | -25 | 4 | 1 | 42,376 | 39,956 | 1,320 |
| 81 | -19 | 4 | 1 | 41,954 | 38,986 | 1,372 |
| 81 | -13 | 4 | 1 | 41,417 | 39,214 | 1,425 |
| 81 | -7 | 4 | 1 | 40,899 | 38,167 | 1,487 |
| 81 | -1 | 4 | 1 | 40,326 | 37,699 | 1,564 |
| 81 | 5 | 4 | 1 | 39,723 | 37,229 | 1,653 |
| 81 | 11 | 4 | 1 | 39,038 | 37,251 | 1,744 |
| 81 | 17 | 4 | 1 | 38,524 | 36,335 | 1,829 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 81 | 23 | 4 | 1 | 38,119 | 35,636 | 1,918 |
| 81 | 29 | 4 | 1 | 37,888 | 36,642 | 2,015 |
| 81 | 35 | 4 | 1 | 37,855 | 37,458 | 2,107 |
| 81 | 41 | 4 | 1 | 38,001 | 37,513 | 2,180 |
| 81 | 47 | 4 | 1 | 38,294 | 37,711 | 2,224 |
| 81 | 53 | 4 | 1 | 38,802 | 38,444 | 2,242 |
| 81 | 59 | 4 | 1 | 39,242 | 38,664 | 2,241 |
| 81 | 65 | 4 | 1 | 39,785 | 39,318 | 2,219 |
| 81 | 71 | 4 | 1 | 40,226 | 39,398 | 2,172 |
| 81 | 77 | 4 | 1 | 40,596 | 39,770 | 2,106 |
| 81 | 83 | 4 | 1 | 40,957 | 39,886 | 2,028 |
| 81 | 89 | 4 | 1 | 41,195 | 40,284 | 1,941 |
| 81 | 95 | 5 | 1 | 42,148 | 40,643 | 1,849 |
| 81 | 101 | 5 | 1 | 43,395 | 40,411 | 1,755 |
| 81 | 107 | 5 | 1 | 44,623 | 40,173 | 1,664 |
| 81 | 113 | 5 | 1 | 45,794 | 39,705 | 1,578 |
| 81 | 119 | 5 | 1 | 46,833 | 39,970 | 1,497 |
| 81 | 125 | 5 | 1 | 47,650 | 39,272 | 1,420 |
| 81 | 131 | 5 | 1 | 48,140 | 39,677 | 1,346 |
| 81 | 137 | 5 | 1 | 48,636 | 38,795 | 1,277 |
| 81 | 143 | 5 | 1 | 48,952 | 41,120 | 1,211 |
| 81 | 149 | 5 | 1 | 48,748 | 41,015 | 1,148 |
| 81 | 155 | 5 | 1 | 48,863 | 41,432 | 1,089 |
| 81 | 161 | 6 | 1 | 49,921 | 39,676 | 1,034 |
| 81 | 167 | 6 | 1 | 50,568 | 37,477 | 0,982 |
| 84 | -100 | 6 | 1 | 52,512 | 32,897 | 0,694 |
| 84 | -94 | 6 | 1 | 51,726 | 34,497 | 0,732 |
| 84 | -88 | 5 | 1 | 50,949 | 35,532 | 0,773 |
| 84 | -82 | 5 | 1 | 50,843 | 36,591 | 0,817 |
| 84 | -76 | 5 | 1 | 50,740 | 37,998 | 0,863 |
| 84 | -70 | 5 | 1 | 50,513 | 38,092 | 0,912 |
| 84 | -64 | 5 | 1 | 49,884 | 39,340 | 0,962 |
| 84 | -58 | 5 | 1 | 48,956 | 39,586 | 1,014 |
| 84 | -52 | 5 | 1 | 47,899 | 39,845 | 1,068 |
| 84 | -46 | 5 | 1 | 46,766 | 38,850 | 1,121 |
| 84 | -40 | 5 | 1 | 45,462 | 39,105 | 1,175 |
| 84 | -34 | 5 | 1 | 44,064 | 39,705 | 1,229 |
| 84 | -28 | 5 | 1 | 42,585 | 39,423 | 1,280 |
| 84 | -22 | 4 | 1 | 41,793 | 38,731 | 1,329 |
| 84 | -16 | 4 | 1 | 41,373 | 39,083 | 1,376 |
| 84 | -10 | 4 | 1 | 40,943 | 38,249 | 1,428 |
| 84 | -4 | 4 | 1 | 40,444 | 38,362 | 1,490 |
| 84 | 2 | 4 | 1 | 39,980 | 38,000 | 1,567 |
| 84 | 8 | 4 | 1 | 39,550 | 37,228 | 1,651 |
| 84 | 14 | 4 | 1 | 39,076 | 36,900 | 1,734 |
| 84 | 20 | 4 | 1 | 38,695 | 36,360 | 1,817 |
| 84 | 26 | 4 | 1 | 38,383 | 36,483 | 1,909 |
| 84 | 32 | 4 | 1 | 38,268 | 37,508 | 2,004 |
| 84 | 38 | 4 | 1 | 38,348 | 37,968 | 2,087 |
| 84 | 44 | 4 | 1 | 38,523 | 38,098 | 2,146 |
| 84 | 50 | 4 | 1 | 38,781 | 38,244 | 2,179 |
| 84 | 56 | 4 | 1 | 39,176 | 38,764 | 2,191 |
| 84 | 62 | 4 | 1 | 39,562 | 39,220 | 2,184 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 84 | 68 | 4 | 1 | 39,917 | 39,562 | 2,155 |
| 84 | 74 | 4 | 1 | 40,223 | 39,185 | 2,105 |
| 84 | 80 | 4 | 1 | 40,423 | 39,645 | 2,039 |
| 84 | 86 | 4 | 1 | 40,666 | 39,589 | 1,963 |
| 84 | 92 | 5 | 1 | 41,696 | 40,346 | 1,879 |
| 84 | 98 | 5 | 1 | 42,888 | 40,129 | 1,791 |
| 84 | 104 | 5 | 1 | 44,016 | 39,782 | 1,701 |
| 84 | 110 | 5 | 1 | 45,099 | 39,316 | 1,615 |
| 84 | 116 | 5 | 1 | 46,090 | 39,272 | 1,532 |
| 84 | 122 | 5 | 1 | 46,912 | 39,013 | 1,454 |
| 84 | 128 | 5 | 1 | 47,476 | 39,233 | 1,380 |
| 84 | 134 | 5 | 1 | 47,956 | 38,767 | 1,309 |
| 84 | 140 | 5 | 1 | 48,387 | 40,044 | 1,242 |
| 84 | 146 | 5 | 1 | 48,401 | 41,505 | 1,178 |
| 84 | 152 | 5 | 1 | 48,363 | 40,006 | 1,118 |
| 84 | 158 | 6 | 1 | 49,164 | 42,201 | 1,061 |
| 84 | 164 | 6 | 1 | 49,753 | 39,690 | 1,008 |
| 84 | 170 | 6 | 1 | 50,787 | 36,533 | 0,958 |
| 87 | -97 | 6 | 1 | 51,549 | 33,205 | 0,711 |
| 87 | -91 | 6 | 1 | 50,998 | 34,604 | 0,751 |
| 87 | -85 | 5 | 1 | 50,470 | 35,433 | 0,793 |
| 87 | -79 | 5 | 1 | 50,189 | 36,654 | 0,838 |
| 87 | -73 | 5 | 1 | 50,153 | 37,252 | 0,884 |
| 87 | -67 | 5 | 1 | 49,785 | 37,936 | 0,933 |
| 87 | -61 | 5 | 1 | 49,083 | 39,024 | 0,983 |
| 87 | -55 | 5 | 1 | 48,136 | 38,985 | 1,035 |
| 87 | -49 | 5 | 1 | 47,015 | 39,655 | 1,087 |
| 87 | -43 | 5 | 1 | 45,902 | 38,327 | 1,139 |
| 87 | -37 | 5 | 1 | 44,661 | 39,028 | 1,191 |
| 87 | -31 | 5 | 1 | 43,327 | 38,800 | 1,241 |
| 87 | -25 | 5 | 1 | 42,137 | 38,266 | 1,288 |
| 87 | -19 | 4 | 1 | 41,183 | 38,752 | 1,332 |
| 87 | -13 | 4 | 1 | 40,821 | 38,340 | 1,376 |
| 87 | -7 | 4 | 1 | 40,498 | 38,319 | 1,426 |
| 87 | -1 | 4 | 1 | 40,159 | 37,718 | 1,488 |
| 87 | 5 | 4 | 1 | 39,780 | 37,431 | 1,562 |
| 87 | 11 | 4 | 1 | 39,356 | 37,448 | 1,640 |
| 87 | 17 | 4 | 1 | 39,057 | 36,694 | 1,719 |
| 87 | 23 | 4 | 1 | 38,741 | 36,821 | 1,803 |
| 87 | 29 | 4 | 1 | 38,629 | 37,406 | 1,896 |
| 87 | 35 | 4 | 1 | 38,550 | 38,037 | 1,986 |
| 87 | 41 | 4 | 1 | 38,638 | 38,174 | 2,058 |
| 87 | 47 | 4 | 1 | 38,815 | 38,378 | 2,104 |
| 87 | 53 | 4 | 1 | 39,058 | 38,638 | 2,128 |
| 87 | 59 | 4 | 1 | 39,280 | 38,714 | 2,136 |
| 87 | 65 | 4 | 1 | 39,529 | 38,927 | 2,124 |
| 87 | 71 | 4 | 1 | 39,805 | 39,282 | 2,090 |
| 87 | 77 | 4 | 1 | 40,040 | 38,812 | 2,037 |
| 87 | 83 | 5 | 1 | 40,177 | 39,468 | 1,973 |
| 87 | 89 | 5 | 1 | 41,179 | 39,749 | 1,900 |
| 87 | 95 | 5 | 1 | 42,390 | 39,811 | 1,819 |
| 87 | 101 | 5 | 1 | 43,460 | 39,488 | 1,734 |
| 87 | 107 | 5 | 1 | 44,465 | 39,051 | 1,649 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 87 | 113 | 5 | 1 | 45,399 | 38,543 | 1,566 |
| 87 | 119 | 5 | 1 | 46,207 | 38,714 | 1,487 |
| 87 | 125 | 5 | 1 | 46,813 | 38,460 | 1,412 |
| 87 | 131 | 5 | 1 | 47,276 | 38,605 | 1,341 |
| 87 | 137 | 5 | 1 | 47,785 | 39,052 | 1,273 |
| 87 | 143 | 5 | 1 | 47,964 | 41,274 | 1,208 |
| 87 | 149 | 5 | 1 | 47,777 | 40,020 | 1,147 |
| 87 | 155 | 6 | 1 | 48,263 | 41,368 | 1,089 |
| 87 | 161 | 6 | 1 | 49,283 | 40,109 | 1,034 |
| 87 | 167 | 6 | 1 | 49,925 | 41,089 | 0,983 |
| 90 | -100 | 6 | 1 | 51,910 | 32,017 | 0,691 |
| 90 | -94 | 6 | 1 | 51,102 | 33,458 | 0,729 |
| 90 | -88 | 6 | 1 | 50,119 | 34,519 | 0,769 |
| 90 | -82 | 5 | 1 | 49,902 | 35,313 | 0,812 |
| 90 | -76 | 5 | 1 | 49,627 | 36,641 | 0,857 |
| 90 | -70 | 5 | 1 | 49,518 | 36,685 | 0,904 |
| 90 | -64 | 5 | 1 | 49,042 | 37,713 | 0,952 |
| 90 | -58 | 5 | 1 | 48,294 | 38,652 | 1,002 |
| 90 | -52 | 5 | 1 | 47,350 | 38,764 | 1,053 |
| 90 | -46 | 5 | 1 | 46,278 | 38,914 | 1,104 |
| 90 | -40 | 5 | 1 | 45,148 | 38,187 | 1,155 |
| 90 | -34 | 5 | 1 | 44,021 | 38,106 | 1,204 |
| 90 | -28 | 5 | 1 | 42,916 | 37,737 | 1,249 |
| 90 | -22 | 5 | 1 | 41,742 | 38,220 | 1,291 |
| 90 | -16 | 4 | 1 | 40,558 | 38,278 | 1,330 |
| 90 | -10 | 4 | 1 | 40,374 | 37,816 | 1,370 |
| 90 | -4 | 4 | 1 | 40,078 | 38,053 | 1,419 |
| 90 | 2 | 4 | 1 | 39,769 | 37,544 | 1,481 |
| 90 | 8 | 4 | 1 | 39,494 | 37,216 | 1,551 |
| 90 | 14 | 4 | 1 | 39,237 | 36,603 | 1,624 |
| 90 | 20 | 4 | 1 | 38,956 | 36,928 | 1,702 |
| 90 | 26 | 4 | 1 | 38,803 | 36,509 | 1,789 |
| 90 | 32 | 4 | 1 | 38,687 | 37,871 | 1,880 |
| 90 | 38 | 4 | 1 | 38,709 | 38,298 | 1,961 |
| 90 | 44 | 4 | 1 | 38,774 | 38,297 | 2,020 |
| 90 | 50 | 4 | 1 | 38,904 | 38,383 | 2,056 |
| 90 | 56 | 4 | 1 | 39,118 | 38,739 | 2,076 |
| 90 | 62 | 4 | 1 | 39,309 | 38,975 | 2,079 |
| 90 | 68 | 4 | 1 | 39,476 | 39,070 | 2,062 |
| 90 | 74 | 4 | 1 | 39,566 | 38,958 | 2,024 |
| 90 | 80 | 5 | 1 | 39,881 | 38,845 | 1,972 |
| 90 | 86 | 5 | 1 | 40,972 | 38,994 | 1,910 |
| 90 | 92 | 5 | 1 | 41,869 | 39,212 | 1,839 |
| 90 | 98 | 5 | 1 | 42,932 | 39,160 | 1,762 |
| 90 | 104 | 5 | 1 | 43,883 | 38,749 | 1,680 |
| 90 | 110 | 5 | 1 | 44,761 | 38,245 | 1,598 |
| 90 | 116 | 5 | 1 | 45,542 | 38,373 | 1,519 |
| 90 | 122 | 5 | 1 | 46,168 | 37,783 | 1,443 |
| 90 | 128 | 5 | 1 | 46,607 | 38,340 | 1,371 |
| 90 | 134 | 5 | 1 | 47,164 | 38,134 | 1,302 |
| 90 | 140 | 5 | 1 | 47,463 | 40,181 | 1,237 |
| 90 | 146 | 5 | 1 | 47,387 | 40,645 | 1,175 |
| 90 | 152 | 5 | 1 | 47,443 | 39,923 | 1,116 |

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Załącznik nr 21

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

| | | | | | | |
|----|------|---|---|--------|--------|-------|
| 90 | 158 | 6 | 1 | 48,595 | 42,414 | 1,060 |
| 90 | 164 | 6 | 1 | 49,133 | 39,302 | 1,007 |
| 90 | 170 | 6 | 1 | 50,127 | 40,424 | 0,958 |
| 93 | -97 | 6 | 1 | 50,939 | 32,235 | 0,707 |
| 93 | -91 | 6 | 1 | 50,436 | 33,584 | 0,746 |
| 93 | -85 | 5 | 1 | 49,469 | 34,807 | 0,787 |
| 93 | -79 | 5 | 1 | 49,270 | 35,368 | 0,830 |
| 93 | -73 | 5 | 1 | 49,108 | 36,562 | 0,875 |
| 93 | -67 | 5 | 1 | 48,855 | 36,456 | 0,922 |
| 93 | -61 | 5 | 1 | 48,302 | 37,435 | 0,970 |
| 93 | -55 | 5 | 1 | 47,530 | 38,235 | 1,019 |
| 93 | -49 | 5 | 1 | 46,610 | 38,486 | 1,068 |
| 93 | -43 | 5 | 1 | 45,604 | 38,155 | 1,118 |
| 93 | -37 | 5 | 1 | 44,574 | 37,359 | 1,167 |
| 93 | -31 | 5 | 1 | 43,551 | 37,166 | 1,212 |
| 93 | -25 | 5 | 1 | 42,498 | 37,502 | 1,252 |
| 93 | -19 | 5 | 1 | 41,269 | 38,097 | 1,288 |
| 93 | -13 | 5 | 1 | 40,313 | 37,856 | 1,322 |
| 93 | -7 | 4 | 1 | 39,843 | 37,933 | 1,360 |
| 93 | -1 | 4 | 1 | 39,684 | 38,083 | 1,408 |
| 93 | 5 | 4 | 1 | 39,469 | 37,523 | 1,469 |
| 93 | 11 | 4 | 1 | 39,239 | 36,946 | 1,535 |
| 93 | 17 | 4 | 1 | 38,990 | 37,067 | 1,606 |
| 93 | 23 | 4 | 1 | 38,847 | 36,655 | 1,686 |
| 93 | 29 | 4 | 1 | 38,751 | 37,416 | 1,774 |
| 93 | 35 | 4 | 1 | 38,632 | 38,030 | 1,861 |
| 93 | 41 | 4 | 1 | 38,718 | 38,340 | 1,930 |
| 93 | 47 | 4 | 1 | 38,780 | 38,355 | 1,978 |
| 93 | 53 | 4 | 1 | 38,845 | 38,294 | 2,007 |
| 93 | 59 | 4 | 1 | 38,941 | 38,340 | 2,023 |
| 93 | 65 | 4 | 1 | 39,073 | 38,508 | 2,021 |
| 93 | 71 | 4 | 1 | 39,208 | 38,774 | 1,999 |
| 93 | 77 | 5 | 1 | 39,890 | 38,786 | 1,960 |
| 93 | 83 | 5 | 1 | 40,724 | 38,746 | 1,909 |
| 93 | 89 | 5 | 1 | 41,594 | 38,520 | 1,849 |
| 93 | 95 | 5 | 1 | 42,412 | 38,597 | 1,781 |
| 93 | 101 | 5 | 1 | 43,341 | 38,418 | 1,706 |
| 93 | 107 | 5 | 1 | 44,174 | 37,938 | 1,628 |
| 93 | 113 | 5 | 1 | 44,922 | 37,978 | 1,549 |
| 93 | 119 | 5 | 1 | 45,549 | 37,434 | 1,473 |
| 93 | 125 | 5 | 1 | 45,994 | 37,999 | 1,400 |
| 93 | 131 | 5 | 1 | 46,539 | 37,756 | 1,331 |
| 93 | 137 | 5 | 1 | 46,922 | 39,163 | 1,265 |
| 93 | 143 | 5 | 1 | 47,010 | 41,036 | 1,202 |
| 93 | 149 | 5 | 1 | 46,883 | 39,325 | 1,142 |
| 93 | 155 | 6 | 1 | 47,760 | 41,050 | 1,085 |
| 93 | 161 | 6 | 1 | 48,704 | 40,760 | 1,031 |
| 93 | 167 | 6 | 1 | 49,272 | 40,606 | 0,981 |
| 96 | -100 | 6 | 1 | 51,266 | 31,080 | 0,686 |
| 96 | -94 | 6 | 1 | 50,531 | 32,457 | 0,723 |
| 96 | -88 | 6 | 1 | 49,610 | 33,690 | 0,762 |
| 96 | -82 | 5 | 1 | 48,923 | 34,195 | 0,803 |
| 96 | -76 | 5 | 1 | 48,592 | 35,352 | 0,847 |

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Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 96 | -70 | 5 | 1 | 48,542 | 36,423 | 0,891 |
| 96 | -64 | 5 | 1 | 48,180 | 36,335 | 0,938 |
| 96 | -58 | 5 | 1 | 47,577 | 37,112 | 0,985 |
| 96 | -52 | 5 | 1 | 46,805 | 37,785 | 1,034 |
| 96 | -46 | 5 | 1 | 45,925 | 38,160 | 1,082 |
| 96 | -40 | 5 | 1 | 44,996 | 37,613 | 1,130 |
| 96 | -34 | 5 | 1 | 44,058 | 36,705 | 1,175 |
| 96 | -28 | 5 | 1 | 43,106 | 36,620 | 1,215 |
| 96 | -22 | 5 | 1 | 42,048 | 37,355 | 1,250 |
| 96 | -16 | 5 | 1 | 41,139 | 37,980 | 1,280 |
| 96 | -10 | 5 | 1 | 40,103 | 37,928 | 1,310 |
| 96 | -4 | 4 | 1 | 39,439 | 37,965 | 1,347 |
| 96 | 2 | 4 | 1 | 39,233 | 37,536 | 1,395 |
| 96 | 8 | 4 | 1 | 39,046 | 37,288 | 1,454 |
| 96 | 14 | 4 | 1 | 38,901 | 37,224 | 1,518 |
| 96 | 20 | 4 | 1 | 38,790 | 37,207 | 1,590 |
| 96 | 26 | 4 | 1 | 38,692 | 37,015 | 1,672 |
| 96 | 32 | 4 | 1 | 38,590 | 37,744 | 1,759 |
| 96 | 38 | 4 | 1 | 38,540 | 37,983 | 1,837 |
| 96 | 44 | 4 | 1 | 38,600 | 38,192 | 1,895 |
| 96 | 50 | 4 | 1 | 38,657 | 38,342 | 1,934 |
| 96 | 56 | 4 | 1 | 38,718 | 38,360 | 1,959 |
| 96 | 62 | 4 | 1 | 38,783 | 38,456 | 1,971 |
| 96 | 68 | 5 | 1 | 39,190 | 38,378 | 1,964 |
| 96 | 74 | 5 | 1 | 39,815 | 38,150 | 1,938 |
| 96 | 80 | 5 | 1 | 40,481 | 38,479 | 1,898 |
| 96 | 86 | 5 | 1 | 41,363 | 38,079 | 1,850 |
| 96 | 92 | 5 | 1 | 42,069 | 37,969 | 1,792 |
| 96 | 98 | 5 | 1 | 42,826 | 37,920 | 1,726 |
| 96 | 104 | 5 | 1 | 43,632 | 37,606 | 1,653 |
| 96 | 110 | 5 | 1 | 44,348 | 37,641 | 1,577 |
| 96 | 116 | 5 | 1 | 44,965 | 37,103 | 1,501 |
| 96 | 122 | 5 | 1 | 45,439 | 37,606 | 1,428 |
| 96 | 128 | 5 | 1 | 45,923 | 37,657 | 1,358 |
| 96 | 134 | 5 | 1 | 46,357 | 38,214 | 1,291 |
| 96 | 140 | 5 | 1 | 46,565 | 40,104 | 1,227 |
| 96 | 146 | 5 | 1 | 46,441 | 40,063 | 1,167 |
| 96 | 152 | 6 | 1 | 46,832 | 39,578 | 1,109 |
| 96 | 158 | 6 | 1 | 48,060 | 42,022 | 1,055 |
| 96 | 164 | 6 | 1 | 48,599 | 38,939 | 1,003 |
| 96 | 170 | 6 | 1 | 49,481 | 40,507 | 0,955 |
| 99 | -97 | 6 | 1 | 50,416 | 31,692 | 0,701 |
| 99 | -91 | 6 | 1 | 49,898 | 32,585 | 0,738 |
| 99 | -85 | 6 | 1 | 48,678 | 33,686 | 0,777 |
| 99 | -79 | 5 | 1 | 48,307 | 34,163 | 0,819 |
| 99 | -73 | 5 | 1 | 48,123 | 35,273 | 0,862 |
| 99 | -67 | 5 | 1 | 47,947 | 35,961 | 0,906 |
| 99 | -61 | 5 | 1 | 47,507 | 36,360 | 0,952 |
| 99 | -55 | 5 | 1 | 46,879 | 36,755 | 0,999 |
| 99 | -49 | 5 | 1 | 46,125 | 37,314 | 1,046 |
| 99 | -43 | 5 | 1 | 45,300 | 37,667 | 1,093 |
| 99 | -37 | 5 | 1 | 44,449 | 37,400 | 1,138 |
| 99 | -31 | 5 | 1 | 43,587 | 36,218 | 1,179 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 99 | -25 | 5 | 1 | 42,667 | 36,435 | 1,213 |
| 99 | -19 | 5 | 1 | 41,739 | 37,160 | 1,242 |
| 99 | -13 | 5 | 1 | 40,922 | 37,792 | 1,267 |
| 99 | -7 | 5 | 1 | 40,137 | 37,123 | 1,295 |
| 99 | -1 | 5 | 1 | 39,398 | 37,466 | 1,331 |
| 99 | 5 | 4 | 1 | 38,885 | 37,570 | 1,380 |
| 99 | 11 | 4 | 1 | 38,755 | 37,373 | 1,437 |
| 99 | 17 | 4 | 1 | 38,639 | 37,310 | 1,502 |
| 99 | 23 | 4 | 1 | 38,536 | 37,268 | 1,577 |
| 99 | 29 | 4 | 1 | 38,443 | 37,473 | 1,661 |
| 99 | 35 | 4 | 1 | 38,358 | 37,618 | 1,743 |
| 99 | 41 | 4 | 1 | 38,329 | 37,758 | 1,810 |
| 99 | 47 | 4 | 1 | 38,364 | 37,864 | 1,858 |
| 99 | 53 | 4 | 1 | 38,391 | 37,914 | 1,890 |
| 99 | 59 | 5 | 1 | 38,768 | 37,877 | 1,912 |
| 99 | 65 | 5 | 1 | 39,195 | 37,744 | 1,919 |
| 99 | 71 | 5 | 1 | 39,767 | 37,978 | 1,908 |
| 99 | 77 | 5 | 1 | 40,481 | 37,840 | 1,880 |
| 99 | 83 | 5 | 1 | 41,084 | 37,806 | 1,841 |
| 99 | 89 | 5 | 1 | 41,833 | 37,339 | 1,794 |
| 99 | 95 | 5 | 1 | 42,419 | 37,356 | 1,737 |
| 99 | 101 | 5 | 1 | 43,128 | 37,194 | 1,672 |
| 99 | 107 | 5 | 1 | 43,819 | 37,245 | 1,601 |
| 99 | 113 | 5 | 1 | 44,420 | 36,751 | 1,527 |
| 99 | 119 | 5 | 1 | 44,906 | 37,179 | 1,454 |
| 99 | 125 | 5 | 1 | 45,324 | 37,479 | 1,383 |
| 99 | 131 | 5 | 1 | 45,783 | 37,328 | 1,316 |
| 99 | 137 | 5 | 1 | 46,075 | 39,061 | 1,252 |
| 99 | 143 | 5 | 1 | 46,110 | 40,570 | 1,191 |
| 99 | 149 | 6 | 1 | 46,361 | 38,931 | 1,133 |
| 99 | 155 | 6 | 1 | 47,264 | 40,500 | 1,077 |
| 99 | 161 | 6 | 1 | 48,183 | 40,604 | 1,025 |
| 99 | 167 | 6 | 1 | 48,602 | 39,722 | 0,976 |
| 102 | -100 | 6 | 1 | 50,579 | 30,748 | 0,679 |
| 102 | -94 | 6 | 1 | 50,012 | 31,622 | 0,714 |
| 102 | -88 | 6 | 1 | 49,100 | 32,628 | 0,752 |
| 102 | -82 | 5 | 1 | 47,931 | 33,613 | 0,791 |
| 102 | -76 | 5 | 1 | 47,641 | 34,144 | 0,833 |
| 102 | -70 | 5 | 1 | 47,619 | 35,139 | 0,875 |
| 102 | -64 | 5 | 1 | 47,337 | 35,843 | 0,919 |
| 102 | -58 | 5 | 1 | 46,848 | 36,319 | 0,965 |
| 102 | -52 | 5 | 1 | 46,215 | 36,372 | 1,011 |
| 102 | -46 | 5 | 1 | 45,495 | 36,829 | 1,057 |
| 102 | -40 | 5 | 1 | 44,733 | 37,093 | 1,101 |
| 102 | -34 | 5 | 1 | 43,955 | 37,159 | 1,143 |
| 102 | -28 | 5 | 1 | 43,146 | 36,080 | 1,178 |
| 102 | -22 | 5 | 1 | 42,225 | 36,662 | 1,207 |
| 102 | -16 | 5 | 1 | 41,566 | 36,922 | 1,230 |
| 102 | -10 | 5 | 1 | 40,694 | 37,045 | 1,251 |
| 102 | -4 | 5 | 1 | 40,062 | 37,000 | 1,277 |
| 102 | 2 | 5 | 1 | 39,501 | 36,599 | 1,315 |
| 102 | 8 | 5 | 1 | 39,026 | 36,860 | 1,365 |
| 102 | 14 | 5 | 1 | 38,662 | 36,926 | 1,423 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 102 | 20 | 5 | 1 | 38,405 | 36,864 | 1,490 |
| 102 | 26 | 5 | 1 | 38,249 | 36,725 | 1,568 |
| 102 | 32 | 5 | 1 | 38,186 | 37,273 | 1,650 |
| 102 | 38 | 5 | 1 | 38,220 | 37,523 | 1,724 |
| 102 | 44 | 5 | 1 | 38,355 | 37,443 | 1,781 |
| 102 | 50 | 5 | 1 | 38,599 | 37,423 | 1,821 |
| 102 | 56 | 5 | 1 | 38,951 | 37,473 | 1,848 |
| 102 | 62 | 5 | 1 | 39,398 | 37,589 | 1,866 |
| 102 | 68 | 5 | 1 | 39,905 | 37,629 | 1,869 |
| 102 | 74 | 5 | 1 | 40,399 | 37,197 | 1,854 |
| 102 | 80 | 5 | 1 | 40,874 | 37,487 | 1,825 |
| 102 | 86 | 5 | 1 | 41,584 | 37,018 | 1,787 |
| 102 | 92 | 5 | 1 | 42,164 | 36,794 | 1,741 |
| 102 | 98 | 5 | 1 | 42,661 | 36,692 | 1,685 |
| 102 | 104 | 5 | 1 | 43,331 | 36,838 | 1,620 |
| 102 | 110 | 5 | 1 | 43,913 | 36,383 | 1,550 |
| 102 | 116 | 5 | 1 | 44,400 | 36,734 | 1,478 |
| 102 | 122 | 5 | 1 | 44,758 | 37,244 | 1,407 |
| 102 | 128 | 5 | 1 | 45,211 | 37,233 | 1,339 |
| 102 | 134 | 5 | 1 | 45,556 | 38,078 | 1,275 |
| 102 | 140 | 5 | 1 | 45,708 | 39,828 | 1,213 |
| 102 | 146 | 6 | 1 | 45,813 | 39,758 | 1,154 |
| 102 | 152 | 6 | 1 | 46,426 | 38,988 | 1,099 |
| 102 | 158 | 6 | 1 | 47,552 | 41,341 | 1,046 |
| 102 | 164 | 6 | 1 | 48,137 | 39,050 | 0,996 |
| 102 | 170 | 6 | 1 | 48,830 | 40,712 | 0,948 |
| 105 | -97 | 6 | 1 | 49,965 | 30,714 | 0,691 |
| 105 | -91 | 6 | 1 | 49,381 | 31,590 | 0,727 |
| 105 | -85 | 6 | 1 | 48,189 | 32,594 | 0,765 |
| 105 | -79 | 5 | 1 | 47,318 | 33,041 | 0,804 |
| 105 | -73 | 5 | 1 | 47,211 | 34,066 | 0,845 |
| 105 | -67 | 5 | 1 | 47,082 | 34,996 | 0,887 |
| 105 | -61 | 5 | 1 | 46,725 | 35,666 | 0,931 |
| 105 | -55 | 5 | 1 | 46,210 | 36,229 | 0,975 |
| 105 | -49 | 5 | 1 | 45,592 | 35,972 | 1,020 |
| 105 | -43 | 5 | 1 | 44,918 | 36,417 | 1,065 |
| 105 | -37 | 5 | 1 | 44,220 | 36,563 | 1,106 |
| 105 | -31 | 5 | 1 | 43,504 | 36,524 | 1,143 |
| 105 | -25 | 5 | 1 | 42,727 | 36,321 | 1,173 |
| 105 | -19 | 5 | 1 | 41,986 | 35,920 | 1,195 |
| 105 | -13 | 5 | 1 | 41,353 | 36,642 | 1,213 |
| 105 | -7 | 5 | 1 | 40,710 | 36,238 | 1,231 |
| 105 | -1 | 5 | 1 | 40,053 | 36,803 | 1,259 |
| 105 | 5 | 5 | 1 | 39,522 | 36,391 | 1,300 |
| 105 | 11 | 5 | 1 | 39,181 | 36,097 | 1,351 |
| 105 | 17 | 5 | 1 | 38,924 | 36,243 | 1,411 |
| 105 | 23 | 5 | 1 | 38,759 | 36,273 | 1,482 |
| 105 | 29 | 5 | 1 | 38,685 | 36,959 | 1,561 |
| 105 | 35 | 5 | 1 | 38,702 | 37,283 | 1,638 |
| 105 | 41 | 5 | 1 | 38,809 | 37,242 | 1,704 |
| 105 | 47 | 5 | 1 | 39,003 | 37,238 | 1,750 |
| 105 | 53 | 5 | 1 | 39,274 | 37,277 | 1,783 |
| 105 | 59 | 5 | 1 | 39,604 | 37,323 | 1,807 |

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 105 | 65 | 5 | 1 | 39,953 | 37,037 | 1,822 |
| 105 | 71 | 5 | 1 | 40,258 | 36,949 | 1,820 |
| 105 | 77 | 5 | 1 | 40,844 | 36,909 | 1,802 |
| 105 | 83 | 5 | 1 | 41,321 | 36,701 | 1,774 |
| 105 | 89 | 5 | 1 | 41,919 | 36,239 | 1,737 |
| 105 | 95 | 5 | 1 | 42,377 | 36,506 | 1,691 |
| 105 | 101 | 5 | 1 | 42,881 | 36,360 | 1,634 |
| 105 | 107 | 5 | 1 | 43,446 | 36,003 | 1,570 |
| 105 | 113 | 5 | 1 | 43,926 | 36,288 | 1,500 |
| 105 | 119 | 5 | 1 | 44,302 | 36,976 | 1,430 |
| 105 | 125 | 5 | 1 | 44,649 | 37,210 | 1,362 |
| 105 | 131 | 5 | 1 | 45,020 | 37,148 | 1,296 |
| 105 | 137 | 5 | 1 | 45,253 | 38,749 | 1,234 |
| 105 | 143 | 5 | 1 | 45,267 | 40,361 | 1,175 |
| 105 | 149 | 6 | 1 | 46,032 | 38,826 | 1,119 |
| 105 | 155 | 6 | 1 | 46,766 | 39,721 | 1,066 |
| 105 | 161 | 6 | 1 | 47,701 | 40,699 | 1,015 |
| 105 | 167 | 6 | 1 | 47,931 | 38,589 | 0,967 |
| 108 | -100 | 6 | 1 | 49,828 | 29,820 | 0,669 |
| 108 | -94 | 6 | 1 | 49,528 | 30,593 | 0,703 |
| 108 | -88 | 6 | 1 | 48,579 | 31,597 | 0,739 |
| 108 | -82 | 6 | 1 | 47,493 | 32,490 | 0,776 |
| 108 | -76 | 5 | 1 | 46,735 | 33,017 | 0,815 |
| 108 | -70 | 5 | 1 | 46,753 | 34,009 | 0,856 |
| 108 | -64 | 5 | 1 | 46,523 | 34,730 | 0,898 |
| 108 | -58 | 5 | 1 | 46,120 | 35,304 | 0,941 |
| 108 | -52 | 5 | 1 | 45,600 | 35,880 | 0,984 |
| 108 | -46 | 5 | 1 | 45,012 | 35,563 | 1,028 |
| 108 | -40 | 5 | 1 | 44,391 | 35,987 | 1,070 |
| 108 | -34 | 5 | 1 | 43,756 | 36,378 | 1,107 |
| 108 | -28 | 5 | 1 | 43,090 | 35,910 | 1,139 |
| 108 | -22 | 5 | 1 | 42,326 | 35,651 | 1,163 |
| 108 | -16 | 5 | 1 | 41,802 | 35,598 | 1,179 |
| 108 | -10 | 5 | 1 | 41,114 | 36,243 | 1,193 |
| 108 | -4 | 5 | 1 | 40,669 | 35,705 | 1,212 |
| 108 | 2 | 5 | 1 | 40,180 | 36,138 | 1,244 |
| 108 | 8 | 5 | 1 | 39,739 | 36,159 | 1,287 |
| 108 | 14 | 5 | 1 | 39,384 | 35,849 | 1,340 |
| 108 | 20 | 5 | 1 | 39,155 | 35,622 | 1,402 |
| 108 | 26 | 5 | 1 | 39,085 | 35,746 | 1,475 |
| 108 | 32 | 5 | 1 | 39,092 | 36,560 | 1,553 |
| 108 | 38 | 5 | 1 | 39,171 | 36,937 | 1,624 |
| 108 | 44 | 5 | 1 | 39,317 | 36,957 | 1,679 |
| 108 | 50 | 5 | 1 | 39,514 | 36,997 | 1,717 |
| 108 | 56 | 5 | 1 | 39,736 | 36,788 | 1,746 |
| 108 | 62 | 5 | 1 | 39,946 | 36,449 | 1,768 |
| 108 | 68 | 5 | 1 | 40,284 | 36,652 | 1,779 |
| 108 | 74 | 5 | 1 | 40,775 | 36,337 | 1,774 |
| 108 | 80 | 5 | 1 | 41,050 | 36,508 | 1,754 |
| 108 | 86 | 5 | 1 | 41,679 | 35,939 | 1,726 |
| 108 | 92 | 5 | 1 | 42,116 | 36,114 | 1,689 |
| 108 | 98 | 5 | 1 | 42,487 | 35,877 | 1,642 |
| 108 | 104 | 5 | 1 | 43,018 | 35,614 | 1,585 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 108 | 110 | 5 | 1 | 43,484 | 35,855 | 1,520 |
| 108 | 116 | 5 | 1 | 43,865 | 36,692 | 1,452 |
| 108 | 122 | 5 | 1 | 44,134 | 37,131 | 1,383 |
| 108 | 128 | 5 | 1 | 44,478 | 37,086 | 1,317 |
| 108 | 134 | 5 | 1 | 44,762 | 37,719 | 1,254 |
| 108 | 140 | 5 | 1 | 44,886 | 39,348 | 1,195 |
| 108 | 146 | 6 | 1 | 45,525 | 39,721 | 1,138 |
| 108 | 152 | 6 | 1 | 46,130 | 38,151 | 1,084 |
| 108 | 158 | 6 | 1 | 47,049 | 40,390 | 1,033 |
| 108 | 164 | 6 | 1 | 47,717 | 39,406 | 0,984 |
| 108 | 170 | 6 | 1 | 48,141 | 39,394 | 0,938 |
| 111 | -97 | 6 | 1 | 49,550 | 29,728 | 0,680 |
| 111 | -91 | 6 | 1 | 48,860 | 30,626 | 0,714 |
| 111 | -85 | 6 | 1 | 47,657 | 31,526 | 0,749 |
| 111 | -79 | 6 | 1 | 46,996 | 31,996 | 0,786 |
| 111 | -73 | 5 | 1 | 46,363 | 33,041 | 0,825 |
| 111 | -67 | 5 | 1 | 46,254 | 33,752 | 0,865 |
| 111 | -61 | 5 | 1 | 45,955 | 34,329 | 0,907 |
| 111 | -55 | 5 | 1 | 45,528 | 34,914 | 0,949 |
| 111 | -49 | 5 | 1 | 45,021 | 35,456 | 0,992 |
| 111 | -43 | 5 | 1 | 44,474 | 35,151 | 1,033 |
| 111 | -37 | 5 | 1 | 43,911 | 35,534 | 1,072 |
| 111 | -31 | 5 | 1 | 43,334 | 35,830 | 1,105 |
| 111 | -25 | 5 | 1 | 42,708 | 35,341 | 1,131 |
| 111 | -19 | 5 | 1 | 42,032 | 35,830 | 1,149 |
| 111 | -13 | 5 | 1 | 41,609 | 35,234 | 1,161 |
| 111 | -7 | 5 | 1 | 40,979 | 35,566 | 1,173 |
| 111 | -1 | 5 | 1 | 40,596 | 35,388 | 1,195 |
| 111 | 5 | 5 | 1 | 40,254 | 35,458 | 1,230 |
| 111 | 11 | 5 | 1 | 39,922 | 35,836 | 1,276 |
| 111 | 17 | 5 | 1 | 39,636 | 35,512 | 1,330 |
| 111 | 23 | 5 | 1 | 39,408 | 35,223 | 1,395 |
| 111 | 29 | 5 | 1 | 39,396 | 36,230 | 1,468 |
| 111 | 35 | 5 | 1 | 39,463 | 36,538 | 1,543 |
| 111 | 41 | 5 | 1 | 39,570 | 36,595 | 1,606 |
| 111 | 47 | 5 | 1 | 39,701 | 36,524 | 1,651 |
| 111 | 53 | 5 | 1 | 39,830 | 36,268 | 1,683 |
| 111 | 59 | 5 | 1 | 39,917 | 36,135 | 1,710 |
| 111 | 65 | 5 | 1 | 40,349 | 36,309 | 1,730 |
| 111 | 71 | 5 | 1 | 40,681 | 35,779 | 1,738 |
| 111 | 77 | 5 | 1 | 40,976 | 35,994 | 1,730 |
| 111 | 83 | 5 | 1 | 41,447 | 36,002 | 1,710 |
| 111 | 89 | 5 | 1 | 41,873 | 35,710 | 1,682 |
| 111 | 95 | 5 | 1 | 42,197 | 35,503 | 1,644 |
| 111 | 101 | 5 | 1 | 42,625 | 35,322 | 1,595 |
| 111 | 107 | 5 | 1 | 43,075 | 35,448 | 1,536 |
| 111 | 113 | 5 | 1 | 43,451 | 36,410 | 1,471 |
| 111 | 119 | 5 | 1 | 43,740 | 37,018 | 1,404 |
| 111 | 125 | 5 | 1 | 43,936 | 37,207 | 1,338 |
| 111 | 131 | 5 | 1 | 44,245 | 36,883 | 1,274 |
| 111 | 137 | 5 | 1 | 44,445 | 38,216 | 1,214 |
| 111 | 143 | 6 | 1 | 44,943 | 39,878 | 1,156 |
| 111 | 149 | 6 | 1 | 45,752 | 38,989 | 1,102 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 111 | 155 | 6 | 1 | 46,237 | 38,704 | 1,050 |
| 111 | 161 | 6 | 1 | 47,224 | 40,997 | 1,001 |
| 111 | 167 | 6 | 1 | 47,609 | 38,027 | 0,955 |
| 114 | -100 | 6 | 1 | 49,456 | 28,882 | 0,657 |
| 114 | -94 | 6 | 1 | 49,039 | 29,683 | 0,689 |
| 114 | -88 | 6 | 1 | 48,019 | 30,589 | 0,723 |
| 114 | -82 | 6 | 1 | 47,236 | 31,383 | 0,759 |
| 114 | -76 | 6 | 1 | 46,403 | 32,095 | 0,795 |
| 114 | -70 | 5 | 1 | 45,926 | 32,793 | 0,834 |
| 114 | -64 | 5 | 1 | 45,725 | 33,528 | 0,873 |
| 114 | -58 | 5 | 1 | 45,383 | 33,948 | 0,914 |
| 114 | -52 | 5 | 1 | 44,953 | 34,499 | 0,956 |
| 114 | -46 | 5 | 1 | 44,475 | 35,012 | 0,997 |
| 114 | -40 | 5 | 1 | 43,976 | 34,740 | 1,036 |
| 114 | -34 | 5 | 1 | 43,472 | 35,061 | 1,071 |
| 114 | -28 | 5 | 1 | 42,950 | 35,339 | 1,099 |
| 114 | -22 | 5 | 1 | 42,356 | 35,771 | 1,119 |
| 114 | -16 | 5 | 1 | 41,839 | 35,634 | 1,132 |
| 114 | -10 | 5 | 1 | 41,415 | 35,296 | 1,140 |
| 114 | -4 | 5 | 1 | 40,944 | 34,932 | 1,154 |
| 114 | 2 | 5 | 1 | 40,514 | 35,005 | 1,180 |
| 114 | 8 | 5 | 1 | 40,297 | 34,834 | 1,218 |
| 114 | 14 | 5 | 1 | 40,056 | 35,336 | 1,265 |
| 114 | 20 | 5 | 1 | 39,821 | 35,068 | 1,322 |
| 114 | 26 | 5 | 1 | 39,610 | 34,714 | 1,388 |
| 114 | 32 | 5 | 1 | 39,687 | 35,679 | 1,461 |
| 114 | 38 | 5 | 1 | 39,776 | 36,158 | 1,530 |
| 114 | 44 | 5 | 1 | 39,860 | 36,069 | 1,583 |
| 114 | 50 | 5 | 1 | 39,910 | 35,773 | 1,621 |
| 114 | 56 | 5 | 1 | 40,031 | 35,769 | 1,651 |
| 114 | 62 | 5 | 1 | 40,377 | 35,804 | 1,677 |
| 114 | 68 | 5 | 1 | 40,578 | 35,855 | 1,695 |
| 114 | 74 | 5 | 1 | 40,907 | 35,596 | 1,700 |
| 114 | 80 | 5 | 1 | 41,227 | 35,660 | 1,690 |
| 114 | 86 | 5 | 1 | 41,647 | 35,797 | 1,670 |
| 114 | 92 | 5 | 1 | 41,931 | 35,160 | 1,641 |
| 114 | 98 | 5 | 1 | 42,268 | 35,036 | 1,600 |
| 114 | 104 | 5 | 1 | 42,699 | 35,082 | 1,549 |
| 114 | 110 | 5 | 1 | 43,062 | 36,147 | 1,489 |
| 114 | 116 | 5 | 1 | 43,356 | 36,893 | 1,424 |
| 114 | 122 | 5 | 1 | 43,559 | 37,274 | 1,358 |
| 114 | 128 | 5 | 1 | 43,710 | 37,214 | 1,294 |
| 114 | 134 | 5 | 1 | 43,958 | 37,120 | 1,232 |
| 114 | 140 | 6 | 1 | 44,309 | 38,645 | 1,174 |
| 114 | 146 | 6 | 1 | 45,254 | 39,927 | 1,119 |
| 114 | 152 | 6 | 1 | 45,886 | 38,178 | 1,067 |
| 114 | 158 | 6 | 1 | 46,514 | 39,204 | 1,017 |
| 114 | 164 | 6 | 1 | 47,298 | 39,971 | 0,970 |
| 114 | 170 | 6 | 1 | 47,385 | 37,823 | 0,926 |
| 117 | -97 | 6 | 1 | 49,121 | 28,767 | 0,666 |
| 117 | -91 | 6 | 1 | 48,295 | 29,680 | 0,698 |
| 117 | -85 | 6 | 1 | 47,388 | 30,472 | 0,732 |
| 117 | -79 | 6 | 1 | 46,734 | 31,174 | 0,767 |

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 117 | -73 | 6 | 1 | 45,743 | 31,856 | 0,803 |
| 117 | -67 | 5 | 1 | 45,438 | 32,604 | 0,841 |
| 117 | -61 | 5 | 1 | 45,174 | 33,266 | 0,881 |
| 117 | -55 | 5 | 1 | 44,814 | 33,537 | 0,921 |
| 117 | -49 | 5 | 1 | 44,398 | 34,061 | 0,962 |
| 117 | -43 | 5 | 1 | 43,958 | 34,550 | 1,001 |
| 117 | -37 | 5 | 1 | 43,515 | 34,333 | 1,037 |
| 117 | -31 | 5 | 1 | 43,071 | 34,568 | 1,067 |
| 117 | -25 | 5 | 1 | 42,600 | 35,068 | 1,091 |
| 117 | -19 | 5 | 1 | 42,036 | 35,449 | 1,105 |
| 117 | -13 | 5 | 1 | 41,651 | 35,283 | 1,113 |
| 117 | -7 | 5 | 1 | 41,231 | 35,399 | 1,121 |
| 117 | -1 | 5 | 1 | 40,888 | 35,085 | 1,138 |
| 117 | 5 | 5 | 1 | 40,441 | 34,829 | 1,168 |
| 117 | 11 | 5 | 1 | 40,329 | 34,449 | 1,208 |
| 117 | 17 | 5 | 1 | 40,155 | 34,816 | 1,256 |
| 117 | 23 | 5 | 1 | 39,944 | 34,520 | 1,314 |
| 117 | 29 | 5 | 1 | 39,837 | 35,353 | 1,382 |
| 117 | 35 | 5 | 1 | 39,937 | 35,647 | 1,452 |
| 117 | 41 | 5 | 1 | 39,997 | 35,637 | 1,513 |
| 117 | 47 | 5 | 1 | 39,992 | 35,311 | 1,557 |
| 117 | 53 | 5 | 1 | 40,112 | 35,533 | 1,591 |
| 117 | 59 | 5 | 1 | 40,384 | 35,327 | 1,621 |
| 117 | 65 | 5 | 1 | 40,482 | 35,497 | 1,647 |
| 117 | 71 | 5 | 1 | 40,826 | 35,179 | 1,663 |
| 117 | 77 | 5 | 1 | 41,024 | 35,224 | 1,665 |
| 117 | 83 | 5 | 1 | 41,435 | 35,765 | 1,654 |
| 117 | 89 | 5 | 1 | 41,684 | 35,748 | 1,633 |
| 117 | 95 | 5 | 1 | 41,946 | 35,604 | 1,601 |
| 117 | 101 | 5 | 1 | 42,355 | 34,768 | 1,557 |
| 117 | 107 | 5 | 1 | 42,698 | 35,916 | 1,503 |
| 117 | 113 | 5 | 1 | 42,985 | 36,772 | 1,442 |
| 117 | 119 | 5 | 1 | 43,205 | 37,308 | 1,378 |
| 117 | 125 | 5 | 1 | 43,328 | 37,465 | 1,313 |
| 117 | 131 | 5 | 1 | 43,434 | 37,158 | 1,251 |
| 117 | 137 | 6 | 1 | 43,690 | 37,439 | 1,191 |
| 117 | 143 | 6 | 1 | 44,666 | 39,012 | 1,135 |
| 117 | 149 | 6 | 1 | 45,487 | 39,388 | 1,082 |
| 117 | 155 | 6 | 1 | 45,933 | 37,430 | 1,032 |
| 117 | 161 | 6 | 1 | 46,708 | 39,654 | 0,985 |
| 117 | 167 | 6 | 1 | 47,275 | 38,855 | 0,940 |
| 120 | -100 | 6 | 1 | 49,115 | 27,922 | 0,643 |
| 120 | -94 | 6 | 1 | 48,491 | 28,799 | 0,674 |
| 120 | -88 | 6 | 1 | 47,460 | 29,588 | 0,706 |
| 120 | -82 | 6 | 1 | 46,990 | 30,280 | 0,739 |
| 120 | -76 | 6 | 1 | 46,125 | 30,944 | 0,774 |
| 120 | -70 | 5 | 1 | 45,103 | 31,698 | 0,810 |
| 120 | -64 | 5 | 1 | 44,909 | 32,370 | 0,848 |
| 120 | -58 | 5 | 1 | 44,609 | 32,576 | 0,887 |
| 120 | -52 | 5 | 1 | 44,248 | 33,099 | 0,927 |
| 120 | -46 | 5 | 1 | 43,860 | 33,601 | 0,966 |
| 120 | -40 | 5 | 1 | 43,469 | 34,072 | 1,003 |
| 120 | -34 | 5 | 1 | 43,085 | 34,393 | 1,035 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 120 | -28 | 5 | 1 | 42,701 | 34,055 | 1,061 |
| 120 | -22 | 5 | 1 | 42,280 | 34,579 | 1,079 |
| 120 | -16 | 5 | 1 | 41,748 | 34,985 | 1,089 |
| 120 | -10 | 5 | 1 | 41,467 | 35,325 | 1,094 |
| 120 | -4 | 5 | 1 | 41,064 | 35,034 | 1,104 |
| 120 | 2 | 5 | 1 | 40,821 | 34,704 | 1,126 |
| 120 | 8 | 5 | 1 | 40,394 | 34,726 | 1,158 |
| 120 | 14 | 5 | 1 | 40,356 | 34,785 | 1,199 |
| 120 | 20 | 5 | 1 | 40,219 | 34,353 | 1,248 |
| 120 | 26 | 5 | 1 | 39,999 | 34,764 | 1,307 |
| 120 | 32 | 5 | 1 | 40,040 | 34,870 | 1,375 |
| 120 | 38 | 5 | 1 | 40,112 | 35,225 | 1,440 |
| 120 | 44 | 5 | 1 | 40,081 | 35,268 | 1,492 |
| 120 | 50 | 5 | 1 | 40,153 | 35,229 | 1,531 |
| 120 | 56 | 5 | 1 | 40,379 | 35,050 | 1,565 |
| 120 | 62 | 5 | 1 | 40,402 | 35,111 | 1,596 |
| 120 | 68 | 5 | 1 | 40,739 | 35,045 | 1,620 |
| 120 | 74 | 5 | 1 | 40,844 | 34,781 | 1,634 |
| 120 | 80 | 5 | 1 | 41,239 | 35,759 | 1,634 |
| 120 | 86 | 5 | 1 | 41,452 | 35,843 | 1,621 |
| 120 | 92 | 5 | 1 | 41,656 | 35,556 | 1,598 |
| 120 | 98 | 5 | 1 | 42,040 | 35,505 | 1,562 |
| 120 | 104 | 5 | 1 | 42,356 | 35,733 | 1,515 |
| 120 | 110 | 5 | 1 | 42,627 | 36,247 | 1,458 |
| 120 | 116 | 5 | 1 | 42,850 | 36,998 | 1,397 |
| 120 | 122 | 5 | 1 | 43,004 | 37,662 | 1,333 |
| 120 | 128 | 5 | 1 | 43,053 | 37,599 | 1,270 |
| 120 | 134 | 6 | 1 | 43,423 | 37,047 | 1,209 |
| 120 | 140 | 6 | 1 | 44,011 | 37,692 | 1,152 |
| 120 | 146 | 6 | 1 | 44,956 | 39,319 | 1,098 |
| 120 | 152 | 6 | 1 | 45,648 | 38,787 | 1,047 |
| 120 | 158 | 6 | 1 | 45,901 | 37,758 | 0,999 |
| 120 | 164 | 6 | 1 | 46,824 | 40,056 | 0,954 |
| 120 | 170 | 6 | 1 | 47,163 | 37,682 | 0,911 |
| 123 | -97 | 6 | 1 | 48,614 | 27,947 | 0,651 |
| 123 | -91 | 6 | 1 | 47,628 | 28,732 | 0,681 |
| 123 | -85 | 6 | 1 | 47,176 | 29,413 | 0,713 |
| 123 | -79 | 6 | 1 | 46,439 | 30,058 | 0,746 |
| 123 | -73 | 6 | 1 | 45,435 | 30,813 | 0,780 |
| 123 | -67 | 5 | 1 | 44,593 | 31,487 | 0,817 |
| 123 | -61 | 5 | 1 | 44,345 | 32,093 | 0,854 |
| 123 | -55 | 5 | 1 | 44,031 | 32,154 | 0,893 |
| 123 | -49 | 5 | 1 | 43,687 | 32,661 | 0,931 |
| 123 | -43 | 5 | 1 | 43,338 | 33,118 | 0,969 |
| 123 | -37 | 5 | 1 | 43,001 | 33,577 | 1,003 |
| 123 | -31 | 5 | 1 | 42,680 | 33,994 | 1,032 |
| 123 | -25 | 5 | 1 | 42,358 | 34,355 | 1,053 |
| 123 | -19 | 5 | 1 | 41,989 | 34,485 | 1,067 |
| 123 | -13 | 5 | 1 | 41,493 | 34,513 | 1,073 |
| 123 | -7 | 5 | 1 | 41,289 | 34,800 | 1,078 |
| 123 | -1 | 5 | 1 | 40,919 | 34,499 | 1,091 |
| 123 | 5 | 5 | 1 | 40,745 | 34,654 | 1,115 |
| 123 | 11 | 5 | 1 | 40,366 | 34,598 | 1,149 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 123 | 17 | 5 | 1 | 40,377 | 34,579 | 1,191 |
| 123 | 23 | 5 | 1 | 40,240 | 34,483 | 1,241 |
| 123 | 29 | 5 | 1 | 40,064 | 34,378 | 1,302 |
| 123 | 35 | 5 | 1 | 40,188 | 34,824 | 1,367 |
| 123 | 41 | 5 | 1 | 40,168 | 34,898 | 1,425 |
| 123 | 47 | 5 | 1 | 40,153 | 34,902 | 1,470 |
| 123 | 53 | 5 | 1 | 40,367 | 34,828 | 1,508 |
| 123 | 59 | 5 | 1 | 40,345 | 34,643 | 1,543 |
| 123 | 65 | 5 | 1 | 40,648 | 35,284 | 1,574 |
| 123 | 71 | 5 | 1 | 40,691 | 34,328 | 1,599 |
| 123 | 77 | 5 | 1 | 41,057 | 35,842 | 1,610 |
| 123 | 83 | 5 | 1 | 41,229 | 35,897 | 1,607 |
| 123 | 89 | 5 | 1 | 41,398 | 36,083 | 1,591 |
| 123 | 95 | 5 | 1 | 41,751 | 35,278 | 1,564 |
| 123 | 101 | 5 | 1 | 42,036 | 35,357 | 1,523 |
| 123 | 107 | 5 | 1 | 42,281 | 35,716 | 1,472 |
| 123 | 113 | 5 | 1 | 42,494 | 36,326 | 1,414 |
| 123 | 119 | 5 | 1 | 42,662 | 37,153 | 1,352 |
| 123 | 125 | 5 | 1 | 42,758 | 37,961 | 1,289 |
| 123 | 131 | 6 | 1 | 43,112 | 37,681 | 1,227 |
| 123 | 137 | 6 | 1 | 43,712 | 36,886 | 1,169 |
| 123 | 143 | 6 | 1 | 44,320 | 37,886 | 1,114 |
| 123 | 149 | 6 | 1 | 45,184 | 39,574 | 1,062 |
| 123 | 155 | 6 | 1 | 45,742 | 38,134 | 1,014 |
| 123 | 161 | 6 | 1 | 46,095 | 38,043 | 0,968 |
| 123 | 167 | 6 | 1 | 46,866 | 39,830 | 0,924 |
| 126 | -100 | 6 | 1 | 48,669 | 27,124 | 0,628 |
| 126 | -94 | 6 | 1 | 47,820 | 27,906 | 0,657 |
| 126 | -88 | 6 | 1 | 47,299 | 28,574 | 0,687 |
| 126 | -82 | 6 | 1 | 46,692 | 29,199 | 0,719 |
| 126 | -76 | 6 | 1 | 45,769 | 29,952 | 0,752 |
| 126 | -70 | 6 | 1 | 44,827 | 30,622 | 0,786 |
| 126 | -64 | 6 | 1 | 44,164 | 31,226 | 0,822 |
| 126 | -58 | 5 | 1 | 43,751 | 31,388 | 0,860 |
| 126 | -52 | 5 | 1 | 43,542 | 31,932 | 0,898 |
| 126 | -46 | 5 | 1 | 43,287 | 32,384 | 0,935 |
| 126 | -40 | 5 | 1 | 42,960 | 33,130 | 0,970 |
| 126 | -34 | 5 | 1 | 42,572 | 33,349 | 1,002 |
| 126 | -28 | 5 | 1 | 42,294 | 33,475 | 1,027 |
| 126 | -22 | 5 | 1 | 42,035 | 33,835 | 1,044 |
| 126 | -16 | 5 | 1 | 41,721 | 34,125 | 1,053 |
| 126 | -10 | 5 | 1 | 41,273 | 34,183 | 1,057 |
| 126 | -4 | 5 | 1 | 41,115 | 34,259 | 1,064 |
| 126 | 2 | 5 | 1 | 40,798 | 34,232 | 1,081 |
| 126 | 8 | 5 | 1 | 40,657 | 34,333 | 1,107 |
| 126 | 14 | 5 | 1 | 40,361 | 33,994 | 1,142 |
| 126 | 20 | 5 | 1 | 40,379 | 34,350 | 1,183 |
| 126 | 26 | 5 | 1 | 40,197 | 34,076 | 1,235 |
| 126 | 32 | 5 | 1 | 40,202 | 34,420 | 1,296 |
| 126 | 38 | 5 | 1 | 40,238 | 34,570 | 1,357 |
| 126 | 44 | 5 | 1 | 40,103 | 34,388 | 1,408 |
| 126 | 50 | 5 | 1 | 40,342 | 34,970 | 1,451 |
| 126 | 56 | 5 | 1 | 40,309 | 34,154 | 1,490 |

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 126 | 62 | 5 | 1 | 40,553 | 35,424 | 1,527 |
| 126 | 68 | 5 | 1 | 40,566 | 34,353 | 1,559 |
| 126 | 74 | 5 | 1 | 40,888 | 36,022 | 1,582 |
| 126 | 80 | 5 | 1 | 41,013 | 35,894 | 1,589 |
| 126 | 86 | 5 | 1 | 41,169 | 36,099 | 1,582 |
| 126 | 92 | 5 | 1 | 41,485 | 37,365 | 1,562 |
| 126 | 98 | 5 | 1 | 41,732 | 35,560 | 1,529 |
| 126 | 104 | 5 | 1 | 41,944 | 35,173 | 1,484 |
| 126 | 110 | 5 | 1 | 42,136 | 35,648 | 1,430 |
| 126 | 116 | 5 | 1 | 42,303 | 36,349 | 1,370 |
| 126 | 122 | 5 | 1 | 42,427 | 37,244 | 1,308 |
| 126 | 128 | 6 | 1 | 42,768 | 38,209 | 1,246 |
| 126 | 134 | 6 | 1 | 43,433 | 37,716 | 1,186 |
| 126 | 140 | 6 | 1 | 43,948 | 36,681 | 1,130 |
| 126 | 146 | 6 | 1 | 44,574 | 38,024 | 1,077 |
| 126 | 152 | 6 | 1 | 45,356 | 39,573 | 1,028 |
| 126 | 158 | 6 | 1 | 45,775 | 37,436 | 0,981 |
| 126 | 164 | 6 | 1 | 46,230 | 38,290 | 0,937 |
| 126 | 170 | 6 | 1 | 46,840 | 38,910 | 0,896 |
| 129 | -97 | 6 | 1 | 47,954 | 27,107 | 0,635 |
| 129 | -91 | 6 | 1 | 47,364 | 27,763 | 0,663 |
| 129 | -85 | 6 | 1 | 46,888 | 28,368 | 0,693 |
| 129 | -79 | 6 | 1 | 46,045 | 29,115 | 0,725 |
| 129 | -73 | 6 | 1 | 45,118 | 29,777 | 0,758 |
| 129 | -67 | 6 | 1 | 44,542 | 30,373 | 0,792 |
| 129 | -61 | 6 | 1 | 43,795 | 30,918 | 0,828 |
| 129 | -55 | 5 | 1 | 43,384 | 31,420 | 0,865 |
| 129 | -49 | 5 | 1 | 43,192 | 31,885 | 0,902 |
| 129 | -43 | 5 | 1 | 42,930 | 32,309 | 0,938 |
| 129 | -37 | 5 | 1 | 42,618 | 32,689 | 0,971 |
| 129 | -31 | 5 | 1 | 42,259 | 32,834 | 1,000 |
| 129 | -25 | 5 | 1 | 41,918 | 33,277 | 1,021 |
| 129 | -19 | 5 | 1 | 41,725 | 33,461 | 1,035 |
| 129 | -13 | 5 | 1 | 41,472 | 33,599 | 1,041 |
| 129 | -7 | 5 | 1 | 41,082 | 33,774 | 1,045 |
| 129 | -1 | 5 | 1 | 40,939 | 33,698 | 1,055 |
| 129 | 5 | 5 | 1 | 40,694 | 33,862 | 1,074 |
| 129 | 11 | 5 | 1 | 40,549 | 33,738 | 1,101 |
| 129 | 17 | 5 | 1 | 40,363 | 33,947 | 1,136 |
| 129 | 23 | 5 | 1 | 40,342 | 33,758 | 1,177 |
| 129 | 29 | 5 | 1 | 40,123 | 33,691 | 1,230 |
| 129 | 35 | 5 | 1 | 40,264 | 34,433 | 1,289 |
| 129 | 41 | 5 | 1 | 40,143 | 34,076 | 1,345 |
| 129 | 47 | 5 | 1 | 40,292 | 34,948 | 1,393 |
| 129 | 53 | 5 | 1 | 40,287 | 34,464 | 1,437 |
| 129 | 59 | 5 | 1 | 40,448 | 35,448 | 1,479 |
| 129 | 65 | 5 | 1 | 40,465 | 34,712 | 1,518 |
| 129 | 71 | 5 | 1 | 40,727 | 36,300 | 1,550 |
| 129 | 77 | 5 | 1 | 40,795 | 35,815 | 1,568 |
| 129 | 83 | 5 | 1 | 40,964 | 36,219 | 1,570 |
| 129 | 89 | 5 | 1 | 41,236 | 37,447 | 1,559 |
| 129 | 95 | 5 | 1 | 41,439 | 37,985 | 1,533 |
| 129 | 101 | 5 | 1 | 41,612 | 36,663 | 1,495 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 129 | 107 | 5 | 1 | 41,774 | 34,954 | 1,445 |
| 129 | 113 | 5 | 1 | 41,927 | 35,532 | 1,388 |
| 129 | 119 | 5 | 1 | 42,061 | 36,311 | 1,328 |
| 129 | 125 | 6 | 1 | 42,392 | 37,271 | 1,266 |
| 129 | 131 | 6 | 1 | 43,089 | 38,397 | 1,205 |
| 129 | 137 | 6 | 1 | 43,704 | 37,708 | 1,147 |
| 129 | 143 | 6 | 1 | 44,135 | 36,467 | 1,093 |
| 129 | 149 | 6 | 1 | 44,778 | 38,112 | 1,042 |
| 129 | 155 | 6 | 1 | 45,474 | 39,120 | 0,995 |
| 129 | 161 | 6 | 1 | 45,752 | 36,703 | 0,950 |
| 129 | 167 | 6 | 1 | 46,310 | 38,501 | 0,908 |
| 132 | -100 | 6 | 1 | 48,036 | 26,337 | 0,613 |
| 132 | -94 | 6 | 1 | 47,376 | 26,980 | 0,640 |
| 132 | -88 | 6 | 1 | 47,032 | 27,565 | 0,669 |
| 132 | -82 | 6 | 1 | 46,267 | 28,302 | 0,699 |
| 132 | -76 | 6 | 1 | 45,361 | 28,952 | 0,730 |
| 132 | -70 | 6 | 1 | 44,868 | 29,534 | 0,763 |
| 132 | -64 | 6 | 1 | 44,174 | 30,067 | 0,798 |
| 132 | -58 | 6 | 1 | 43,386 | 30,562 | 0,834 |
| 132 | -52 | 5 | 1 | 43,031 | 31,026 | 0,871 |
| 132 | -46 | 5 | 1 | 42,821 | 31,461 | 0,907 |
| 132 | -40 | 5 | 1 | 42,568 | 31,864 | 0,941 |
| 132 | -34 | 5 | 1 | 42,282 | 32,229 | 0,972 |
| 132 | -28 | 5 | 1 | 41,961 | 32,547 | 0,997 |
| 132 | -22 | 5 | 1 | 41,584 | 32,806 | 1,015 |
| 132 | -16 | 5 | 1 | 41,419 | 32,993 | 1,026 |
| 132 | -10 | 5 | 1 | 41,234 | 33,092 | 1,030 |
| 132 | -4 | 5 | 1 | 40,915 | 33,282 | 1,036 |
| 132 | 2 | 5 | 1 | 40,750 | 33,400 | 1,048 |
| 132 | 8 | 5 | 1 | 40,596 | 33,389 | 1,069 |
| 132 | 14 | 5 | 1 | 40,404 | 33,292 | 1,097 |
| 132 | 20 | 5 | 1 | 40,350 | 33,402 | 1,131 |
| 132 | 26 | 5 | 1 | 40,236 | 33,299 | 1,174 |
| 132 | 32 | 5 | 1 | 40,214 | 33,483 | 1,227 |
| 132 | 38 | 5 | 1 | 40,203 | 35,065 | 1,283 |
| 132 | 44 | 5 | 1 | 40,199 | 34,751 | 1,336 |
| 132 | 50 | 5 | 1 | 40,266 | 35,177 | 1,385 |
| 132 | 56 | 5 | 1 | 40,324 | 35,335 | 1,432 |
| 132 | 62 | 5 | 1 | 40,381 | 35,197 | 1,477 |
| 132 | 68 | 5 | 1 | 40,566 | 36,455 | 1,517 |
| 132 | 74 | 5 | 1 | 40,566 | 35,644 | 1,545 |
| 132 | 80 | 5 | 1 | 40,778 | 36,445 | 1,557 |
| 132 | 86 | 5 | 1 | 40,998 | 37,614 | 1,553 |
| 132 | 92 | 5 | 1 | 41,151 | 37,700 | 1,536 |
| 132 | 98 | 5 | 1 | 41,278 | 37,757 | 1,504 |
| 132 | 104 | 5 | 1 | 41,402 | 37,660 | 1,459 |
| 132 | 110 | 5 | 1 | 41,531 | 34,696 | 1,406 |
| 132 | 116 | 5 | 1 | 41,660 | 35,361 | 1,347 |
| 132 | 122 | 6 | 1 | 41,981 | 36,210 | 1,286 |
| 132 | 128 | 6 | 1 | 42,684 | 37,232 | 1,225 |
| 132 | 134 | 6 | 1 | 43,361 | 38,418 | 1,165 |
| 132 | 140 | 6 | 1 | 43,930 | 37,663 | 1,110 |
| 132 | 146 | 6 | 1 | 44,277 | 36,423 | 1,057 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 132 | 152 | 6 | 1 | 44,935 | 38,153 | 1,009 |
| 132 | 158 | 6 | 1 | 45,545 | 38,631 | 0,963 |
| 132 | 164 | 6 | 1 | 45,677 | 36,214 | 0,921 |
| 132 | 170 | 6 | 1 | 46,338 | 38,677 | 0,880 |
| 135 | -97 | 6 | 1 | 47,340 | 26,224 | 0,619 |
| 135 | -91 | 6 | 1 | 47,128 | 26,790 | 0,646 |
| 135 | -85 | 6 | 1 | 46,440 | 27,516 | 0,674 |
| 135 | -79 | 6 | 1 | 45,558 | 28,150 | 0,704 |
| 135 | -73 | 6 | 1 | 45,147 | 28,714 | 0,736 |
| 135 | -67 | 6 | 1 | 44,500 | 29,228 | 0,769 |
| 135 | -61 | 6 | 1 | 43,736 | 29,707 | 0,804 |
| 135 | -55 | 6 | 1 | 42,941 | 30,232 | 0,840 |
| 135 | -49 | 5 | 1 | 42,639 | 30,695 | 0,876 |
| 135 | -43 | 5 | 1 | 42,429 | 31,096 | 0,911 |
| 135 | -37 | 5 | 1 | 42,196 | 31,949 | 0,944 |
| 135 | -31 | 5 | 1 | 41,946 | 31,746 | 0,972 |
| 135 | -25 | 5 | 1 | 41,672 | 32,060 | 0,995 |
| 135 | -19 | 5 | 1 | 41,348 | 32,322 | 1,010 |
| 135 | -13 | 5 | 1 | 41,105 | 32,518 | 1,018 |
| 135 | -7 | 5 | 1 | 40,995 | 32,632 | 1,023 |
| 135 | -1 | 5 | 1 | 40,759 | 32,741 | 1,030 |
| 135 | 5 | 5 | 1 | 40,534 | 32,892 | 1,045 |
| 135 | 11 | 5 | 1 | 40,488 | 32,931 | 1,067 |
| 135 | 17 | 5 | 1 | 40,203 | 32,980 | 1,095 |
| 135 | 23 | 5 | 1 | 40,294 | 32,781 | 1,130 |
| 135 | 29 | 5 | 1 | 40,052 | 32,970 | 1,174 |
| 135 | 35 | 5 | 1 | 40,207 | 34,192 | 1,228 |
| 135 | 41 | 5 | 1 | 40,039 | 34,360 | 1,283 |
| 135 | 47 | 5 | 1 | 40,227 | 35,976 | 1,336 |
| 135 | 53 | 5 | 1 | 40,168 | 35,065 | 1,387 |
| 135 | 59 | 5 | 1 | 40,309 | 35,797 | 1,438 |
| 135 | 65 | 5 | 1 | 40,398 | 36,275 | 1,484 |
| 135 | 71 | 5 | 1 | 40,332 | 35,416 | 1,521 |
| 135 | 77 | 5 | 1 | 40,603 | 36,771 | 1,541 |
| 135 | 83 | 5 | 1 | 40,761 | 37,564 | 1,546 |
| 135 | 89 | 5 | 1 | 40,857 | 37,352 | 1,536 |
| 135 | 95 | 5 | 1 | 40,932 | 37,299 | 1,511 |
| 135 | 101 | 5 | 1 | 41,013 | 37,445 | 1,473 |
| 135 | 107 | 5 | 1 | 41,109 | 37,799 | 1,423 |
| 135 | 113 | 5 | 1 | 41,221 | 35,110 | 1,367 |
| 135 | 119 | 6 | 1 | 41,673 | 35,141 | 1,306 |
| 135 | 125 | 6 | 1 | 42,214 | 36,042 | 1,245 |
| 135 | 131 | 6 | 1 | 42,924 | 37,128 | 1,185 |
| 135 | 137 | 6 | 1 | 43,587 | 38,379 | 1,128 |
| 135 | 143 | 6 | 1 | 44,112 | 37,583 | 1,074 |
| 135 | 149 | 6 | 1 | 44,378 | 36,329 | 1,024 |
| 135 | 155 | 6 | 1 | 45,049 | 38,152 | 0,977 |
| 135 | 161 | 6 | 1 | 45,571 | 38,109 | 0,933 |
| 135 | 167 | 6 | 1 | 45,555 | 36,263 | 0,893 |
| 138 | -100 | 6 | 1 | 47,261 | 25,497 | 0,598 |
| 138 | -94 | 6 | 1 | 47,180 | 26,043 | 0,624 |
| 138 | -88 | 6 | 1 | 46,568 | 26,755 | 0,651 |
| 138 | -82 | 6 | 1 | 45,713 | 27,371 | 0,680 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 138 | -76 | 6 | 1 | 45,379 | 27,913 | 0,710 |
| 138 | -70 | 6 | 1 | 44,775 | 28,403 | 0,742 |
| 138 | -64 | 6 | 1 | 44,027 | 28,966 | 0,776 |
| 138 | -58 | 6 | 1 | 43,232 | 29,495 | 0,810 |
| 138 | -52 | 6 | 1 | 42,457 | 29,967 | 0,846 |
| 138 | -46 | 5 | 1 | 42,206 | 30,388 | 0,881 |
| 138 | -40 | 5 | 1 | 42,008 | 31,432 | 0,915 |
| 138 | -34 | 5 | 1 | 41,806 | 31,127 | 0,947 |
| 138 | -28 | 5 | 1 | 41,601 | 32,984 | 0,973 |
| 138 | -22 | 5 | 1 | 41,381 | 31,872 | 0,993 |
| 138 | -16 | 5 | 1 | 41,119 | 32,879 | 1,006 |
| 138 | -10 | 5 | 1 | 40,776 | 32,330 | 1,013 |
| 138 | -4 | 5 | 1 | 40,742 | 32,169 | 1,018 |
| 138 | 2 | 5 | 1 | 40,599 | 32,230 | 1,028 |
| 138 | 8 | 5 | 1 | 40,282 | 32,396 | 1,044 |
| 138 | 14 | 5 | 1 | 40,351 | 32,515 | 1,067 |
| 138 | 20 | 5 | 1 | 40,186 | 32,495 | 1,097 |
| 138 | 26 | 5 | 1 | 40,165 | 32,597 | 1,134 |
| 138 | 32 | 5 | 1 | 40,123 | 33,664 | 1,182 |
| 138 | 38 | 5 | 1 | 40,059 | 35,418 | 1,236 |
| 138 | 44 | 5 | 1 | 40,147 | 35,997 | 1,292 |
| 138 | 50 | 5 | 1 | 40,020 | 34,981 | 1,347 |
| 138 | 56 | 5 | 1 | 40,237 | 36,485 | 1,402 |
| 138 | 62 | 5 | 1 | 40,220 | 35,959 | 1,454 |
| 138 | 68 | 5 | 1 | 40,247 | 35,947 | 1,497 |
| 138 | 74 | 5 | 1 | 40,428 | 37,187 | 1,525 |
| 138 | 80 | 5 | 1 | 40,514 | 37,243 | 1,538 |
| 138 | 86 | 5 | 1 | 40,547 | 36,922 | 1,535 |
| 138 | 92 | 5 | 1 | 40,566 | 37,288 | 1,517 |
| 138 | 98 | 5 | 1 | 40,718 | 36,809 | 1,485 |
| 138 | 104 | 5 | 1 | 40,840 | 37,066 | 1,440 |
| 138 | 110 | 6 | 1 | 41,124 | 37,525 | 1,386 |
| 138 | 116 | 6 | 1 | 41,609 | 35,808 | 1,327 |
| 138 | 122 | 6 | 1 | 42,063 | 35,658 | 1,266 |
| 138 | 128 | 6 | 1 | 42,442 | 35,807 | 1,206 |
| 138 | 134 | 6 | 1 | 43,116 | 36,961 | 1,147 |
| 138 | 140 | 6 | 1 | 43,771 | 38,284 | 1,091 |
| 138 | 146 | 6 | 1 | 44,255 | 37,473 | 1,039 |
| 138 | 152 | 6 | 1 | 44,440 | 36,191 | 0,991 |
| 138 | 158 | 6 | 1 | 45,123 | 38,112 | 0,947 |
| 138 | 164 | 6 | 1 | 45,557 | 37,561 | 0,905 |
| 138 | 170 | 6 | 1 | 45,570 | 36,283 | 0,866 |
| 141 | -97 | 6 | 1 | 47,192 | 25,323 | 0,603 |
| 141 | -91 | 6 | 1 | 46,652 | 26,020 | 0,629 |
| 141 | -85 | 6 | 1 | 45,828 | 26,616 | 0,656 |
| 141 | -79 | 6 | 1 | 45,568 | 27,133 | 0,685 |
| 141 | -73 | 6 | 1 | 45,000 | 27,644 | 0,716 |
| 141 | -67 | 6 | 1 | 44,263 | 28,231 | 0,748 |
| 141 | -61 | 6 | 1 | 43,458 | 28,755 | 0,782 |
| 141 | -55 | 6 | 1 | 42,873 | 29,227 | 0,817 |
| 141 | -49 | 6 | 1 | 42,316 | 29,654 | 0,852 |
| 141 | -43 | 5 | 1 | 41,725 | 30,820 | 0,887 |
| 141 | -37 | 5 | 1 | 41,551 | 30,496 | 0,920 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 141 | -31 | 5 | 1 | 41,389 | 34,157 | 0,950 |
| 141 | -25 | 5 | 1 | 41,235 | 33,451 | 0,974 |
| 141 | -19 | 5 | 1 | 41,075 | 32,310 | 0,992 |
| 141 | -13 | 5 | 1 | 40,882 | 32,027 | 1,003 |
| 141 | -7 | 5 | 1 | 40,619 | 32,709 | 1,010 |
| 141 | -1 | 5 | 1 | 40,455 | 31,858 | 1,017 |
| 141 | 5 | 5 | 1 | 40,419 | 31,855 | 1,029 |
| 141 | 11 | 5 | 1 | 40,241 | 32,140 | 1,047 |
| 141 | 17 | 5 | 1 | 40,169 | 32,170 | 1,072 |
| 141 | 23 | 5 | 1 | 40,162 | 32,234 | 1,105 |
| 141 | 29 | 5 | 1 | 39,935 | 32,539 | 1,147 |
| 141 | 35 | 5 | 1 | 40,082 | 33,882 | 1,198 |
| 141 | 41 | 5 | 1 | 39,994 | 35,460 | 1,254 |
| 141 | 47 | 5 | 1 | 40,056 | 35,959 | 1,312 |
| 141 | 53 | 5 | 1 | 40,147 | 36,551 | 1,371 |
| 141 | 59 | 5 | 1 | 40,024 | 35,491 | 1,426 |
| 141 | 65 | 5 | 1 | 40,186 | 36,583 | 1,475 |
| 141 | 71 | 5 | 1 | 40,251 | 37,331 | 1,510 |
| 141 | 77 | 5 | 1 | 40,246 | 36,809 | 1,529 |
| 141 | 83 | 5 | 1 | 40,209 | 36,703 | 1,533 |
| 141 | 89 | 5 | 1 | 40,385 | 37,653 | 1,522 |
| 141 | 95 | 5 | 1 | 40,524 | 38,442 | 1,496 |
| 141 | 101 | 5 | 1 | 40,627 | 36,647 | 1,456 |
| 141 | 107 | 6 | 1 | 41,041 | 36,635 | 1,406 |
| 141 | 113 | 6 | 1 | 41,498 | 37,198 | 1,349 |
| 141 | 119 | 6 | 1 | 41,959 | 36,452 | 1,288 |
| 141 | 125 | 6 | 1 | 42,389 | 36,130 | 1,227 |
| 141 | 131 | 6 | 1 | 42,733 | 35,503 | 1,168 |
| 141 | 137 | 6 | 1 | 43,263 | 36,732 | 1,110 |
| 141 | 143 | 6 | 1 | 43,913 | 38,135 | 1,057 |
| 141 | 149 | 6 | 1 | 44,361 | 37,335 | 1,007 |
| 141 | 155 | 6 | 1 | 44,467 | 36,012 | 0,960 |
| 141 | 161 | 6 | 1 | 45,161 | 38,038 | 0,918 |
| 141 | 167 | 6 | 1 | 45,505 | 36,989 | 0,878 |
| 144 | -100 | 6 | 1 | 47,168 | 24,630 | 0,584 |
| 144 | -94 | 6 | 1 | 46,698 | 25,311 | 0,608 |
| 144 | -88 | 6 | 1 | 45,908 | 25,884 | 0,634 |
| 144 | -82 | 6 | 1 | 45,715 | 26,374 | 0,662 |
| 144 | -76 | 6 | 1 | 45,179 | 26,931 | 0,691 |
| 144 | -70 | 6 | 1 | 44,444 | 27,505 | 0,722 |
| 144 | -64 | 6 | 1 | 43,706 | 28,016 | 0,755 |
| 144 | -58 | 6 | 1 | 43,273 | 29,091 | 0,789 |
| 144 | -52 | 6 | 1 | 42,745 | 30,032 | 0,824 |
| 144 | -46 | 6 | 1 | 42,180 | 30,083 | 0,859 |
| 144 | -40 | 6 | 1 | 41,611 | 30,658 | 0,893 |
| 144 | -34 | 5 | 1 | 41,125 | 32,802 | 0,925 |
| 144 | -28 | 5 | 1 | 40,932 | 33,411 | 0,953 |
| 144 | -22 | 5 | 1 | 40,834 | 33,439 | 0,976 |
| 144 | -16 | 5 | 1 | 40,739 | 32,829 | 0,992 |
| 144 | -10 | 5 | 1 | 40,621 | 31,533 | 1,002 |
| 144 | -4 | 5 | 1 | 40,447 | 31,850 | 1,010 |
| 144 | 2 | 5 | 1 | 40,181 | 32,142 | 1,019 |
| 144 | 8 | 5 | 1 | 40,207 | 31,558 | 1,034 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 144 | 14 | 5 | 1 | 40,187 | 31,786 | 1,055 |
| 144 | 20 | 5 | 1 | 39,975 | 31,905 | 1,083 |
| 144 | 26 | 5 | 1 | 40,067 | 32,501 | 1,121 |
| 144 | 32 | 5 | 1 | 40,010 | 34,152 | 1,168 |
| 144 | 38 | 5 | 1 | 39,889 | 35,672 | 1,223 |
| 144 | 44 | 5 | 1 | 40,043 | 36,959 | 1,282 |
| 144 | 50 | 5 | 1 | 40,015 | 36,010 | 1,343 |
| 144 | 56 | 5 | 1 | 40,042 | 36,111 | 1,402 |
| 144 | 62 | 5 | 1 | 40,142 | 37,294 | 1,455 |
| 144 | 68 | 5 | 1 | 40,076 | 36,869 | 1,496 |
| 144 | 74 | 5 | 1 | 39,954 | 36,246 | 1,521 |
| 144 | 80 | 5 | 1 | 40,082 | 37,215 | 1,531 |
| 144 | 86 | 5 | 1 | 40,207 | 38,082 | 1,526 |
| 144 | 92 | 5 | 1 | 40,301 | 38,802 | 1,506 |
| 144 | 98 | 6 | 1 | 40,526 | 38,989 | 1,472 |
| 144 | 104 | 6 | 1 | 40,905 | 37,002 | 1,425 |
| 144 | 110 | 6 | 1 | 41,324 | 37,069 | 1,371 |
| 144 | 116 | 6 | 1 | 41,775 | 36,817 | 1,311 |
| 144 | 122 | 6 | 1 | 42,234 | 37,044 | 1,250 |
| 144 | 128 | 6 | 1 | 42,656 | 36,561 | 1,189 |
| 144 | 134 | 6 | 1 | 42,977 | 35,667 | 1,131 |
| 144 | 140 | 6 | 1 | 43,366 | 36,445 | 1,075 |
| 144 | 146 | 6 | 1 | 44,018 | 37,935 | 1,023 |
| 144 | 152 | 6 | 1 | 44,432 | 37,173 | 0,975 |
| 144 | 158 | 6 | 1 | 44,462 | 35,797 | 0,931 |
| 144 | 164 | 6 | 1 | 45,165 | 37,933 | 0,890 |
| 144 | 170 | 6 | 1 | 45,419 | 36,400 | 0,852 |
| 147 | -97 | 6 | 1 | 46,707 | 24,628 | 0,588 |
| 147 | -91 | 6 | 1 | 45,953 | 25,177 | 0,613 |
| 147 | -85 | 6 | 1 | 45,824 | 25,638 | 0,640 |
| 147 | -79 | 6 | 1 | 45,313 | 26,234 | 0,668 |
| 147 | -73 | 6 | 1 | 44,573 | 26,789 | 0,698 |
| 147 | -67 | 6 | 1 | 44,016 | 27,282 | 0,729 |
| 147 | -61 | 6 | 1 | 43,605 | 29,627 | 0,763 |
| 147 | -55 | 6 | 1 | 43,087 | 29,633 | 0,797 |
| 147 | -49 | 6 | 1 | 42,531 | 29,207 | 0,832 |
| 147 | -43 | 6 | 1 | 41,981 | 31,764 | 0,867 |
| 147 | -37 | 6 | 1 | 41,461 | 31,718 | 0,900 |
| 147 | -31 | 6 | 1 | 40,973 | 32,583 | 0,931 |
| 147 | -25 | 5 | 1 | 40,720 | 32,467 | 0,957 |
| 147 | -19 | 5 | 1 | 40,504 | 32,548 | 0,978 |
| 147 | -13 | 5 | 1 | 40,356 | 32,851 | 0,993 |
| 147 | -7 | 5 | 1 | 40,318 | 32,171 | 1,003 |
| 147 | -1 | 5 | 1 | 40,244 | 30,814 | 1,013 |
| 147 | 5 | 5 | 1 | 40,115 | 31,668 | 1,025 |
| 147 | 11 | 5 | 1 | 39,954 | 31,783 | 1,042 |
| 147 | 17 | 5 | 1 | 40,096 | 31,731 | 1,067 |
| 147 | 23 | 5 | 1 | 40,046 | 31,894 | 1,102 |
| 147 | 29 | 5 | 1 | 39,863 | 32,438 | 1,146 |
| 147 | 35 | 5 | 1 | 39,981 | 33,764 | 1,199 |
| 147 | 41 | 5 | 1 | 39,952 | 36,414 | 1,258 |
| 147 | 47 | 5 | 1 | 39,881 | 35,836 | 1,320 |
| 147 | 53 | 5 | 1 | 40,089 | 37,057 | 1,382 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 147 | 59 | 5 | 1 | 40,093 | 37,040 | 1,439 |
| 147 | 65 | 5 | 1 | 39,904 | 36,255 | 1,485 |
| 147 | 71 | 5 | 1 | 39,927 | 36,893 | 1,515 |
| 147 | 77 | 5 | 1 | 39,967 | 37,796 | 1,530 |
| 147 | 83 | 5 | 1 | 40,003 | 38,333 | 1,529 |
| 147 | 89 | 6 | 1 | 40,113 | 38,262 | 1,515 |
| 147 | 95 | 6 | 1 | 40,377 | 38,332 | 1,486 |
| 147 | 101 | 6 | 1 | 40,688 | 38,559 | 1,444 |
| 147 | 107 | 6 | 1 | 41,061 | 37,689 | 1,392 |
| 147 | 113 | 6 | 1 | 41,492 | 37,004 | 1,334 |
| 147 | 119 | 6 | 1 | 41,964 | 36,380 | 1,274 |
| 147 | 125 | 6 | 1 | 42,440 | 37,288 | 1,212 |
| 147 | 131 | 6 | 1 | 42,868 | 36,952 | 1,152 |
| 147 | 137 | 6 | 1 | 43,176 | 35,893 | 1,095 |
| 147 | 143 | 6 | 1 | 43,429 | 36,102 | 1,041 |
| 147 | 149 | 6 | 1 | 44,087 | 37,689 | 0,991 |
| 147 | 155 | 6 | 1 | 44,472 | 36,989 | 0,945 |
| 147 | 161 | 6 | 1 | 44,427 | 35,550 | 0,903 |
| 147 | 167 | 6 | 1 | 45,138 | 37,728 | 0,864 |
| 150 | -100 | 6 | 1 | 46,683 | 23,969 | 0,570 |
| 150 | -94 | 6 | 1 | 45,967 | 24,494 | 0,593 |
| 150 | -88 | 6 | 1 | 45,897 | 24,938 | 0,618 |
| 150 | -82 | 6 | 1 | 45,403 | 25,554 | 0,645 |
| 150 | -76 | 6 | 1 | 44,651 | 26,086 | 0,674 |
| 150 | -70 | 6 | 1 | 44,274 | 26,555 | 0,705 |
| 150 | -64 | 6 | 1 | 43,873 | 29,269 | 0,737 |
| 150 | -58 | 6 | 1 | 43,350 | 28,631 | 0,771 |
| 150 | -52 | 6 | 1 | 42,782 | 28,185 | 0,805 |
| 150 | -46 | 6 | 1 | 42,222 | 32,551 | 0,840 |
| 150 | -40 | 6 | 1 | 41,704 | 32,077 | 0,874 |
| 150 | -34 | 6 | 1 | 41,244 | 32,756 | 0,907 |
| 150 | -28 | 6 | 1 | 40,838 | 32,310 | 0,936 |
| 150 | -22 | 5 | 1 | 40,476 | 31,642 | 0,961 |
| 150 | -16 | 5 | 1 | 40,314 | 31,578 | 0,981 |
| 150 | -10 | 5 | 1 | 40,119 | 31,897 | 0,995 |
| 150 | -4 | 5 | 1 | 39,955 | 32,436 | 1,007 |
| 150 | 2 | 5 | 1 | 39,999 | 31,643 | 1,019 |
| 150 | 8 | 5 | 1 | 40,035 | 31,030 | 1,034 |
| 150 | 14 | 5 | 1 | 40,014 | 31,470 | 1,056 |
| 150 | 20 | 5 | 1 | 39,934 | 31,761 | 1,087 |
| 150 | 26 | 5 | 1 | 40,034 | 33,226 | 1,128 |
| 150 | 32 | 5 | 1 | 39,963 | 34,588 | 1,179 |
| 150 | 38 | 5 | 1 | 39,789 | 35,873 | 1,238 |
| 150 | 44 | 5 | 1 | 39,981 | 37,016 | 1,301 |
| 150 | 50 | 5 | 1 | 40,076 | 37,200 | 1,365 |
| 150 | 56 | 5 | 1 | 40,000 | 36,359 | 1,425 |
| 150 | 62 | 5 | 1 | 40,024 | 36,769 | 1,476 |
| 150 | 68 | 5 | 1 | 39,976 | 37,685 | 1,512 |
| 150 | 74 | 5 | 1 | 39,856 | 37,980 | 1,531 |
| 150 | 80 | 6 | 1 | 39,812 | 37,703 | 1,534 |
| 150 | 86 | 6 | 1 | 39,946 | 37,550 | 1,523 |
| 150 | 92 | 6 | 1 | 40,119 | 37,547 | 1,498 |
| 150 | 98 | 6 | 1 | 40,410 | 37,906 | 1,461 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 150 | 104 | 6 | 1 | 40,776 | 38,038 | 1,413 |
| 150 | 110 | 6 | 1 | 41,108 | 38,525 | 1,357 |
| 150 | 116 | 6 | 1 | 41,560 | 37,117 | 1,298 |
| 150 | 122 | 6 | 1 | 42,073 | 35,882 | 1,236 |
| 150 | 128 | 6 | 1 | 42,582 | 36,875 | 1,175 |
| 150 | 134 | 6 | 1 | 43,029 | 37,305 | 1,116 |
| 150 | 140 | 6 | 1 | 43,333 | 36,089 | 1,061 |
| 150 | 146 | 6 | 1 | 43,452 | 35,708 | 1,009 |
| 150 | 152 | 6 | 1 | 44,122 | 37,399 | 0,961 |
| 150 | 158 | 6 | 1 | 44,482 | 36,786 | 0,917 |
| 150 | 164 | 6 | 1 | 44,395 | 35,274 | 0,876 |
| 150 | 170 | 6 | 1 | 45,083 | 37,223 | 0,838 |
| 153 | -97 | 6 | 1 | 45,952 | 23,834 | 0,574 |
| 153 | -91 | 6 | 1 | 45,935 | 24,299 | 0,598 |
| 153 | -85 | 6 | 1 | 45,452 | 24,891 | 0,624 |
| 153 | -79 | 6 | 1 | 44,680 | 25,398 | 0,652 |
| 153 | -73 | 6 | 1 | 44,483 | 25,837 | 0,681 |
| 153 | -67 | 6 | 1 | 44,079 | 28,219 | 0,712 |
| 153 | -61 | 6 | 1 | 43,538 | 27,512 | 0,745 |
| 153 | -55 | 6 | 1 | 42,941 | 27,164 | 0,779 |
| 153 | -49 | 6 | 1 | 42,348 | 31,698 | 0,814 |
| 153 | -43 | 6 | 1 | 41,801 | 31,196 | 0,849 |
| 153 | -37 | 6 | 1 | 41,325 | 32,808 | 0,882 |
| 153 | -31 | 6 | 1 | 40,930 | 33,778 | 0,914 |
| 153 | -25 | 6 | 1 | 40,611 | 33,261 | 0,942 |
| 153 | -19 | 6 | 1 | 40,348 | 32,552 | 0,965 |
| 153 | -13 | 6 | 1 | 40,108 | 31,685 | 0,984 |
| 153 | -7 | 5 | 1 | 39,956 | 30,861 | 0,999 |
| 153 | -1 | 5 | 1 | 39,840 | 31,377 | 1,013 |
| 153 | 5 | 5 | 1 | 39,732 | 32,096 | 1,028 |
| 153 | 11 | 5 | 1 | 39,925 | 31,396 | 1,048 |
| 153 | 17 | 5 | 1 | 40,079 | 31,748 | 1,076 |
| 153 | 23 | 5 | 1 | 40,030 | 32,062 | 1,114 |
| 153 | 29 | 5 | 1 | 39,896 | 32,394 | 1,164 |
| 153 | 35 | 5 | 1 | 39,991 | 34,455 | 1,223 |
| 153 | 41 | 5 | 1 | 40,001 | 37,258 | 1,287 |
| 153 | 47 | 5 | 1 | 39,966 | 36,399 | 1,352 |
| 153 | 53 | 5 | 1 | 40,071 | 36,795 | 1,415 |
| 153 | 59 | 5 | 1 | 40,180 | 37,751 | 1,469 |
| 153 | 65 | 5 | 1 | 40,045 | 37,779 | 1,510 |
| 153 | 71 | 5 | 1 | 39,760 | 37,283 | 1,534 |
| 153 | 77 | 6 | 1 | 39,616 | 36,913 | 1,541 |
| 153 | 83 | 6 | 1 | 39,885 | 37,431 | 1,532 |
| 153 | 89 | 6 | 1 | 40,237 | 38,031 | 1,511 |
| 153 | 95 | 6 | 1 | 40,568 | 38,527 | 1,477 |
| 153 | 101 | 6 | 1 | 40,891 | 38,914 | 1,433 |
| 153 | 107 | 6 | 1 | 41,209 | 37,444 | 1,380 |
| 153 | 113 | 6 | 1 | 41,512 | 38,037 | 1,322 |
| 153 | 119 | 6 | 1 | 41,775 | 37,176 | 1,261 |
| 153 | 125 | 6 | 1 | 42,109 | 35,321 | 1,199 |
| 153 | 131 | 6 | 1 | 42,664 | 36,400 | 1,139 |
| 153 | 137 | 6 | 1 | 43,140 | 37,623 | 1,082 |
| 153 | 143 | 6 | 1 | 43,450 | 36,257 | 1,028 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 153 | 149 | 6 | 1 | 43,484 | 35,266 | 0,978 |
| 153 | 155 | 6 | 1 | 44,126 | 37,071 | 0,932 |
| 153 | 161 | 6 | 1 | 44,464 | 36,565 | 0,889 |
| 153 | 167 | 6 | 1 | 44,345 | 34,973 | 0,850 |
| 156 | -100 | 6 | 1 | 45,910 | 23,198 | 0,556 |
| 156 | -94 | 6 | 1 | 45,941 | 23,680 | 0,579 |
| 156 | -88 | 6 | 1 | 45,462 | 24,247 | 0,604 |
| 156 | -82 | 6 | 1 | 44,786 | 24,725 | 0,630 |
| 156 | -76 | 6 | 1 | 44,643 | 25,132 | 0,659 |
| 156 | -70 | 6 | 1 | 44,227 | 27,088 | 0,689 |
| 156 | -64 | 6 | 1 | 43,654 | 26,293 | 0,720 |
| 156 | -58 | 6 | 1 | 43,013 | 26,514 | 0,754 |
| 156 | -52 | 6 | 1 | 42,550 | 30,727 | 0,788 |
| 156 | -46 | 6 | 1 | 42,189 | 30,200 | 0,823 |
| 156 | -40 | 6 | 1 | 41,787 | 31,322 | 0,857 |
| 156 | -34 | 6 | 1 | 41,371 | 33,886 | 0,890 |
| 156 | -28 | 6 | 1 | 40,949 | 33,599 | 0,920 |
| 156 | -22 | 6 | 1 | 40,517 | 33,470 | 0,947 |
| 156 | -16 | 6 | 1 | 40,092 | 33,510 | 0,970 |
| 156 | -10 | 6 | 1 | 39,979 | 32,660 | 0,988 |
| 156 | -4 | 6 | 1 | 39,871 | 31,720 | 1,005 |
| 156 | 2 | 5 | 1 | 39,769 | 30,733 | 1,022 |
| 156 | 8 | 5 | 1 | 39,861 | 30,904 | 1,042 |
| 156 | 14 | 5 | 1 | 39,926 | 31,769 | 1,068 |
| 156 | 20 | 5 | 1 | 40,066 | 32,109 | 1,103 |
| 156 | 26 | 5 | 1 | 40,140 | 33,907 | 1,151 |
| 156 | 32 | 5 | 1 | 40,067 | 35,006 | 1,210 |
| 156 | 38 | 5 | 1 | 39,917 | 36,066 | 1,276 |
| 156 | 44 | 5 | 1 | 40,035 | 37,037 | 1,343 |
| 156 | 50 | 5 | 1 | 40,200 | 37,934 | 1,407 |
| 156 | 56 | 5 | 1 | 40,252 | 37,660 | 1,465 |
| 156 | 62 | 5 | 1 | 40,081 | 37,031 | 1,510 |
| 156 | 68 | 5 | 1 | 39,923 | 37,012 | 1,538 |
| 156 | 74 | 6 | 1 | 39,886 | 37,662 | 1,549 |
| 156 | 80 | 6 | 1 | 40,117 | 38,215 | 1,543 |
| 156 | 86 | 6 | 1 | 40,357 | 38,709 | 1,523 |
| 156 | 92 | 6 | 1 | 40,609 | 38,662 | 1,492 |
| 156 | 98 | 6 | 1 | 40,883 | 38,633 | 1,451 |
| 156 | 104 | 6 | 1 | 41,179 | 38,654 | 1,401 |
| 156 | 110 | 6 | 1 | 41,492 | 36,790 | 1,345 |
| 156 | 116 | 6 | 1 | 41,800 | 37,486 | 1,285 |
| 156 | 122 | 6 | 1 | 42,068 | 36,927 | 1,224 |
| 156 | 128 | 6 | 1 | 42,245 | 34,693 | 1,163 |
| 156 | 134 | 6 | 1 | 42,691 | 35,863 | 1,104 |
| 156 | 140 | 6 | 1 | 43,206 | 37,195 | 1,048 |
| 156 | 146 | 6 | 1 | 43,531 | 36,401 | 0,996 |
| 156 | 152 | 6 | 1 | 43,546 | 34,782 | 0,948 |
| 156 | 158 | 6 | 1 | 44,100 | 36,706 | 0,904 |
| 156 | 164 | 6 | 1 | 44,421 | 36,330 | 0,863 |
| 156 | 170 | 6 | 1 | 44,268 | 34,649 | 0,826 |
| 159 | -97 | 6 | 1 | 45,916 | 23,081 | 0,561 |
| 159 | -91 | 6 | 1 | 45,434 | 23,622 | 0,585 |
| 159 | -85 | 6 | 1 | 44,896 | 24,068 | 0,610 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 159 | -79 | 6 | 1 | 44,758 | 24,454 | 0,637 |
| 159 | -73 | 6 | 1 | 44,319 | 25,893 | 0,666 |
| 159 | -67 | 6 | 1 | 43,702 | 25,445 | 0,697 |
| 159 | -61 | 6 | 1 | 43,177 | 27,142 | 0,729 |
| 159 | -55 | 6 | 1 | 42,900 | 29,634 | 0,763 |
| 159 | -49 | 6 | 1 | 42,534 | 29,705 | 0,797 |
| 159 | -43 | 6 | 1 | 42,132 | 30,404 | 0,832 |
| 159 | -37 | 6 | 1 | 41,730 | 32,918 | 0,865 |
| 159 | -31 | 6 | 1 | 41,347 | 32,549 | 0,897 |
| 159 | -25 | 6 | 1 | 40,987 | 32,316 | 0,926 |
| 159 | -19 | 6 | 1 | 40,644 | 32,225 | 0,952 |
| 159 | -13 | 6 | 1 | 40,298 | 32,285 | 0,974 |
| 159 | -7 | 6 | 1 | 39,928 | 32,506 | 0,994 |
| 159 | -1 | 6 | 1 | 39,698 | 32,875 | 1,014 |
| 159 | 5 | 6 | 1 | 39,759 | 31,973 | 1,035 |
| 159 | 11 | 5 | 1 | 39,960 | 31,406 | 1,060 |
| 159 | 17 | 5 | 1 | 40,203 | 32,274 | 1,094 |
| 159 | 23 | 5 | 1 | 40,187 | 32,791 | 1,140 |
| 159 | 29 | 5 | 1 | 40,108 | 32,954 | 1,198 |
| 159 | 35 | 5 | 1 | 40,194 | 35,111 | 1,265 |
| 159 | 41 | 5 | 1 | 40,215 | 38,032 | 1,334 |
| 159 | 47 | 5 | 1 | 40,221 | 37,417 | 1,401 |
| 159 | 53 | 5 | 1 | 40,195 | 36,766 | 1,461 |
| 159 | 59 | 5 | 1 | 40,343 | 37,388 | 1,510 |
| 159 | 65 | 5 | 1 | 40,281 | 38,122 | 1,543 |
| 159 | 71 | 6 | 1 | 40,160 | 38,635 | 1,558 |
| 159 | 77 | 6 | 1 | 40,210 | 38,454 | 1,555 |
| 159 | 83 | 6 | 1 | 40,321 | 38,369 | 1,537 |
| 159 | 89 | 6 | 1 | 40,490 | 38,420 | 1,507 |
| 159 | 95 | 6 | 1 | 40,711 | 38,539 | 1,468 |
| 159 | 101 | 6 | 1 | 40,982 | 38,421 | 1,421 |
| 159 | 107 | 6 | 1 | 41,298 | 38,256 | 1,367 |
| 159 | 113 | 6 | 1 | 41,641 | 37,008 | 1,309 |
| 159 | 119 | 6 | 1 | 41,981 | 36,872 | 1,248 |
| 159 | 125 | 6 | 1 | 42,277 | 36,098 | 1,187 |
| 159 | 131 | 6 | 1 | 42,471 | 35,025 | 1,127 |
| 159 | 137 | 6 | 1 | 42,664 | 35,266 | 1,070 |
| 159 | 143 | 6 | 1 | 43,229 | 36,704 | 1,016 |
| 159 | 149 | 6 | 1 | 43,576 | 36,520 | 0,966 |
| 159 | 155 | 6 | 1 | 43,580 | 34,281 | 0,919 |
| 159 | 161 | 6 | 1 | 44,047 | 36,309 | 0,877 |
| 159 | 167 | 6 | 1 | 44,355 | 36,081 | 0,838 |
| 162 | -100 | 6 | 1 | 45,862 | 22,931 | 0,544 |
| 162 | -94 | 6 | 1 | 45,371 | 23,015 | 0,567 |
| 162 | -88 | 6 | 1 | 44,970 | 23,427 | 0,591 |
| 162 | -82 | 6 | 1 | 44,828 | 23,871 | 0,617 |
| 162 | -76 | 6 | 1 | 44,355 | 24,652 | 0,644 |
| 162 | -70 | 6 | 1 | 43,684 | 25,713 | 0,674 |
| 162 | -64 | 6 | 1 | 43,453 | 27,809 | 0,706 |
| 162 | -58 | 6 | 1 | 43,154 | 28,425 | 0,738 |
| 162 | -52 | 6 | 1 | 42,759 | 30,712 | 0,772 |
| 162 | -46 | 6 | 1 | 42,327 | 31,566 | 0,806 |
| 162 | -40 | 6 | 1 | 41,902 | 31,875 | 0,840 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 162 | -34 | 6 | 1 | 41,511 | 32,292 | 0,873 |
| 162 | -28 | 6 | 1 | 41,167 | 32,253 | 0,904 |
| 162 | -22 | 6 | 1 | 40,873 | 32,003 | 0,932 |
| 162 | -16 | 6 | 1 | 40,620 | 31,586 | 0,957 |
| 162 | -10 | 6 | 1 | 40,392 | 31,052 | 0,980 |
| 162 | -4 | 6 | 1 | 40,174 | 31,196 | 1,002 |
| 162 | 2 | 6 | 1 | 39,964 | 31,556 | 1,025 |
| 162 | 8 | 5 | 1 | 39,778 | 32,081 | 1,051 |
| 162 | 14 | 5 | 1 | 40,005 | 32,466 | 1,084 |
| 162 | 20 | 5 | 1 | 40,373 | 33,019 | 1,127 |
| 162 | 26 | 5 | 1 | 40,453 | 34,577 | 1,184 |
| 162 | 32 | 5 | 1 | 40,393 | 35,437 | 1,252 |
| 162 | 38 | 5 | 1 | 40,279 | 36,289 | 1,324 |
| 162 | 44 | 5 | 1 | 40,265 | 37,076 | 1,394 |
| 162 | 50 | 5 | 1 | 40,423 | 37,844 | 1,457 |
| 162 | 56 | 5 | 1 | 40,574 | 38,563 | 1,509 |
| 162 | 62 | 5 | 1 | 40,537 | 38,395 | 1,546 |
| 162 | 68 | 6 | 1 | 40,255 | 37,927 | 1,566 |
| 162 | 74 | 6 | 1 | 40,124 | 37,568 | 1,567 |
| 162 | 80 | 6 | 1 | 40,089 | 37,399 | 1,551 |
| 162 | 86 | 6 | 1 | 40,178 | 37,509 | 1,522 |
| 162 | 92 | 6 | 1 | 40,410 | 37,789 | 1,485 |
| 162 | 98 | 6 | 1 | 40,636 | 37,995 | 1,439 |
| 162 | 104 | 6 | 1 | 40,897 | 38,255 | 1,388 |
| 162 | 110 | 6 | 1 | 41,268 | 38,232 | 1,332 |
| 162 | 116 | 6 | 1 | 41,669 | 37,824 | 1,272 |
| 162 | 122 | 6 | 1 | 42,066 | 36,196 | 1,212 |
| 162 | 128 | 6 | 1 | 42,410 | 36,616 | 1,151 |
| 162 | 134 | 6 | 1 | 42,636 | 35,497 | 1,093 |
| 162 | 140 | 6 | 1 | 42,662 | 34,611 | 1,037 |
| 162 | 146 | 6 | 1 | 43,210 | 36,162 | 0,985 |
| 162 | 152 | 6 | 1 | 43,587 | 36,618 | 0,936 |
| 162 | 158 | 6 | 1 | 43,587 | 34,228 | 0,892 |
| 162 | 164 | 6 | 1 | 43,968 | 35,883 | 0,851 |
| 162 | 170 | 6 | 1 | 44,267 | 35,821 | 0,814 |
| 165 | -97 | 6 | 1 | 45,273 | 22,590 | 0,549 |
| 165 | -91 | 6 | 1 | 45,011 | 22,805 | 0,572 |
| 165 | -85 | 6 | 1 | 44,855 | 23,299 | 0,597 |
| 165 | -79 | 6 | 1 | 44,338 | 23,773 | 0,624 |
| 165 | -73 | 6 | 1 | 43,800 | 26,174 | 0,652 |
| 165 | -67 | 6 | 1 | 43,656 | 28,007 | 0,683 |
| 165 | -61 | 6 | 1 | 43,318 | 27,111 | 0,715 |
| 165 | -55 | 6 | 1 | 42,873 | 31,674 | 0,748 |
| 165 | -49 | 6 | 1 | 42,388 | 31,336 | 0,781 |
| 165 | -43 | 6 | 1 | 41,909 | 31,158 | 0,815 |
| 165 | -37 | 6 | 1 | 41,471 | 33,670 | 0,848 |
| 165 | -31 | 6 | 1 | 41,112 | 33,762 | 0,880 |
| 165 | -25 | 6 | 1 | 40,789 | 33,641 | 0,909 |
| 165 | -19 | 6 | 1 | 40,554 | 33,349 | 0,936 |
| 165 | -13 | 6 | 1 | 40,385 | 32,932 | 0,962 |
| 165 | -7 | 6 | 1 | 40,270 | 32,440 | 0,986 |
| 165 | -1 | 6 | 1 | 40,206 | 31,907 | 1,011 |
| 165 | 5 | 6 | 1 | 40,201 | 31,316 | 1,039 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 165 | 11 | 6 | 1 | 40,235 | 32,182 | 1,072 |
| 165 | 17 | 5 | 1 | 40,517 | 33,226 | 1,113 |
| 165 | 23 | 5 | 1 | 40,566 | 33,600 | 1,168 |
| 165 | 29 | 5 | 1 | 40,556 | 34,238 | 1,234 |
| 165 | 35 | 5 | 1 | 40,638 | 35,771 | 1,308 |
| 165 | 41 | 5 | 1 | 40,639 | 38,570 | 1,382 |
| 165 | 47 | 5 | 1 | 40,616 | 38,354 | 1,449 |
| 165 | 53 | 5 | 1 | 40,649 | 37,936 | 1,505 |
| 165 | 59 | 5 | 1 | 40,619 | 37,491 | 1,547 |
| 165 | 65 | 5 | 1 | 40,625 | 37,685 | 1,571 |
| 165 | 71 | 6 | 1 | 40,438 | 38,140 | 1,577 |
| 165 | 77 | 6 | 1 | 40,441 | 38,372 | 1,565 |
| 165 | 83 | 6 | 1 | 40,510 | 38,485 | 1,538 |
| 165 | 89 | 6 | 1 | 40,655 | 38,237 | 1,501 |
| 165 | 95 | 6 | 1 | 40,842 | 38,127 | 1,457 |
| 165 | 101 | 6 | 1 | 41,045 | 38,100 | 1,407 |
| 165 | 107 | 6 | 1 | 41,241 | 38,116 | 1,353 |
| 165 | 113 | 6 | 1 | 41,402 | 38,166 | 1,295 |
| 165 | 119 | 6 | 1 | 41,590 | 38,559 | 1,235 |
| 165 | 125 | 6 | 1 | 42,062 | 35,455 | 1,175 |
| 165 | 131 | 6 | 1 | 42,470 | 36,592 | 1,116 |
| 165 | 137 | 6 | 1 | 42,743 | 35,932 | 1,059 |
| 165 | 143 | 6 | 1 | 42,793 | 34,239 | 1,005 |
| 165 | 149 | 6 | 1 | 43,152 | 35,574 | 0,955 |
| 165 | 155 | 6 | 1 | 43,568 | 36,466 | 0,908 |
| 165 | 161 | 6 | 1 | 43,568 | 34,160 | 0,866 |
| 165 | 167 | 6 | 1 | 43,865 | 35,432 | 0,827 |
| 168 | -100 | 6 | 1 | 45,144 | 22,450 | 0,533 |
| 168 | -94 | 6 | 1 | 45,019 | 22,510 | 0,555 |
| 168 | -88 | 6 | 1 | 44,840 | 22,739 | 0,578 |
| 168 | -82 | 6 | 1 | 44,270 | 23,179 | 0,604 |
| 168 | -76 | 6 | 1 | 43,970 | 26,614 | 0,632 |
| 168 | -70 | 6 | 1 | 43,790 | 26,706 | 0,661 |
| 168 | -64 | 6 | 1 | 43,397 | 25,709 | 0,692 |
| 168 | -58 | 6 | 1 | 42,886 | 30,376 | 0,724 |
| 168 | -52 | 6 | 1 | 42,326 | 30,128 | 0,757 |
| 168 | -46 | 6 | 1 | 42,112 | 29,612 | 0,790 |
| 168 | -40 | 6 | 1 | 41,854 | 33,723 | 0,823 |
| 168 | -34 | 6 | 1 | 41,566 | 33,322 | 0,855 |
| 168 | -28 | 6 | 1 | 41,272 | 32,909 | 0,885 |
| 168 | -22 | 6 | 1 | 40,986 | 32,622 | 0,914 |
| 168 | -16 | 6 | 1 | 40,713 | 32,462 | 0,941 |
| 168 | -10 | 6 | 1 | 40,457 | 32,428 | 0,967 |
| 168 | -4 | 6 | 1 | 40,228 | 32,523 | 0,994 |
| 168 | 2 | 6 | 1 | 40,050 | 32,756 | 1,023 |
| 168 | 8 | 6 | 1 | 40,146 | 32,980 | 1,056 |
| 168 | 14 | 6 | 1 | 40,402 | 33,324 | 1,096 |
| 168 | 20 | 5 | 1 | 40,877 | 34,270 | 1,148 |
| 168 | 26 | 5 | 1 | 41,003 | 35,060 | 1,213 |
| 168 | 32 | 5 | 1 | 40,970 | 35,914 | 1,287 |
| 168 | 38 | 5 | 1 | 40,862 | 36,572 | 1,364 |
| 168 | 44 | 5 | 1 | 40,702 | 37,248 | 1,435 |
| 168 | 50 | 5 | 1 | 40,784 | 37,766 | 1,496 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 168 | 56 | 5 | 1 | 40,966 | 38,390 | 1,543 |
| 168 | 62 | 5 | 1 | 41,053 | 38,981 | 1,573 |
| 168 | 68 | 6 | 1 | 40,878 | 39,268 | 1,584 |
| 168 | 74 | 6 | 1 | 40,738 | 38,941 | 1,577 |
| 168 | 80 | 6 | 1 | 40,647 | 38,802 | 1,553 |
| 168 | 86 | 6 | 1 | 40,687 | 38,510 | 1,518 |
| 168 | 92 | 6 | 1 | 40,826 | 38,013 | 1,474 |
| 168 | 98 | 6 | 1 | 41,024 | 37,617 | 1,425 |
| 168 | 104 | 6 | 1 | 41,250 | 37,440 | 1,373 |
| 168 | 110 | 6 | 1 | 41,477 | 37,508 | 1,317 |
| 168 | 116 | 6 | 1 | 41,671 | 37,454 | 1,258 |
| 168 | 122 | 6 | 1 | 41,789 | 38,340 | 1,199 |
| 168 | 128 | 6 | 1 | 41,978 | 34,896 | 1,139 |
| 168 | 134 | 6 | 1 | 42,464 | 35,894 | 1,082 |
| 168 | 140 | 6 | 1 | 42,797 | 36,334 | 1,027 |
| 168 | 146 | 6 | 1 | 42,882 | 34,518 | 0,975 |
| 168 | 152 | 6 | 1 | 43,056 | 34,944 | 0,926 |
| 168 | 158 | 6 | 1 | 43,518 | 35,876 | 0,881 |
| 168 | 164 | 6 | 1 | 43,527 | 34,080 | 0,840 |
| 168 | 170 | 6 | 1 | 43,740 | 34,958 | 0,803 |
| 171 | -97 | 6 | 1 | 44,997 | 22,498 | 0,538 |
| 171 | -91 | 6 | 1 | 44,785 | 22,393 | 0,561 |
| 171 | -85 | 6 | 1 | 44,151 | 22,597 | 0,585 |
| 171 | -79 | 6 | 1 | 44,086 | 25,941 | 0,612 |
| 171 | -73 | 6 | 1 | 43,856 | 25,350 | 0,640 |
| 171 | -67 | 6 | 1 | 43,395 | 24,241 | 0,669 |
| 171 | -61 | 6 | 1 | 42,802 | 29,708 | 0,701 |
| 171 | -55 | 6 | 1 | 42,636 | 28,807 | 0,733 |
| 171 | -49 | 6 | 1 | 42,410 | 28,817 | 0,765 |
| 171 | -43 | 6 | 1 | 42,117 | 32,729 | 0,798 |
| 171 | -37 | 6 | 1 | 41,799 | 32,116 | 0,830 |
| 171 | -31 | 6 | 1 | 41,488 | 31,634 | 0,861 |
| 171 | -25 | 6 | 1 | 41,203 | 31,274 | 0,890 |
| 171 | -19 | 6 | 1 | 40,954 | 31,330 | 0,918 |
| 171 | -13 | 6 | 1 | 40,748 | 31,273 | 0,946 |
| 171 | -7 | 6 | 1 | 40,595 | 31,152 | 0,974 |
| 171 | -1 | 6 | 1 | 40,519 | 30,979 | 1,004 |
| 171 | 5 | 6 | 1 | 40,542 | 31,716 | 1,037 |
| 171 | 11 | 6 | 1 | 40,635 | 33,228 | 1,076 |
| 171 | 17 | 5 | 1 | 41,022 | 34,361 | 1,125 |
| 171 | 23 | 5 | 1 | 41,167 | 34,906 | 1,187 |
| 171 | 29 | 5 | 1 | 41,238 | 35,682 | 1,260 |
| 171 | 35 | 5 | 1 | 41,311 | 36,458 | 1,338 |
| 171 | 41 | 5 | 1 | 41,268 | 38,868 | 1,414 |
| 171 | 47 | 5 | 1 | 41,174 | 39,239 | 1,480 |
| 171 | 53 | 5 | 1 | 41,196 | 39,016 | 1,533 |
| 171 | 59 | 5 | 1 | 41,261 | 38,786 | 1,570 |
| 171 | 65 | 5 | 1 | 41,049 | 38,435 | 1,587 |
| 171 | 71 | 6 | 1 | 40,777 | 38,020 | 1,585 |
| 171 | 77 | 6 | 1 | 40,542 | 37,762 | 1,566 |
| 171 | 83 | 6 | 1 | 40,461 | 37,740 | 1,533 |
| 171 | 89 | 6 | 1 | 40,541 | 37,907 | 1,491 |
| 171 | 95 | 6 | 1 | 40,729 | 38,066 | 1,443 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 171 | 101 | 6 | 1 | 40,983 | 37,676 | 1,391 |
| 171 | 107 | 6 | 1 | 41,272 | 37,308 | 1,336 |
| 171 | 113 | 6 | 1 | 41,563 | 36,899 | 1,279 |
| 171 | 119 | 6 | 1 | 41,818 | 36,670 | 1,221 |
| 171 | 125 | 6 | 1 | 41,989 | 37,672 | 1,162 |
| 171 | 131 | 6 | 1 | 42,014 | 34,907 | 1,104 |
| 171 | 137 | 6 | 1 | 42,394 | 35,136 | 1,048 |
| 171 | 143 | 6 | 1 | 42,799 | 36,130 | 0,995 |
| 171 | 149 | 6 | 1 | 42,930 | 34,773 | 0,945 |
| 171 | 155 | 6 | 1 | 42,924 | 34,274 | 0,899 |
| 171 | 161 | 6 | 1 | 43,439 | 35,280 | 0,856 |
| 171 | 167 | 6 | 1 | 43,463 | 33,988 | 0,816 |
| 174 | -100 | 6 | 1 | 44,944 | 22,472 | 0,522 |
| 174 | -94 | 6 | 1 | 44,692 | 21,657 | 0,544 |
| 174 | -88 | 6 | 1 | 44,059 | 22,029 | 0,567 |
| 174 | -82 | 6 | 1 | 44,150 | 24,722 | 0,592 |
| 174 | -76 | 6 | 1 | 43,859 | 23,957 | 0,619 |
| 174 | -70 | 6 | 1 | 43,316 | 24,142 | 0,648 |
| 174 | -64 | 6 | 1 | 43,006 | 28,373 | 0,678 |
| 174 | -58 | 6 | 1 | 42,858 | 28,388 | 0,709 |
| 174 | -52 | 6 | 1 | 42,572 | 29,931 | 0,741 |
| 174 | -46 | 6 | 1 | 42,215 | 31,493 | 0,773 |
| 174 | -40 | 6 | 1 | 41,834 | 31,964 | 0,805 |
| 174 | -34 | 6 | 1 | 41,465 | 32,535 | 0,836 |
| 174 | -28 | 6 | 1 | 41,132 | 32,874 | 0,865 |
| 174 | -22 | 6 | 1 | 40,851 | 33,034 | 0,894 |
| 174 | -16 | 6 | 1 | 40,631 | 33,071 | 0,922 |
| 174 | -10 | 6 | 1 | 40,482 | 33,042 | 0,951 |
| 174 | -4 | 6 | 1 | 40,426 | 32,984 | 0,982 |
| 174 | 2 | 6 | 1 | 40,496 | 32,882 | 1,015 |
| 174 | 8 | 6 | 1 | 40,712 | 32,941 | 1,053 |
| 174 | 14 | 6 | 1 | 40,999 | 34,453 | 1,099 |
| 174 | 20 | 5 | 1 | 41,552 | 35,357 | 1,157 |
| 174 | 26 | 5 | 1 | 41,760 | 36,049 | 1,228 |
| 174 | 32 | 5 | 1 | 41,758 | 36,454 | 1,306 |
| 174 | 38 | 5 | 1 | 41,631 | 36,932 | 1,385 |
| 174 | 44 | 5 | 1 | 41,404 | 38,146 | 1,457 |
| 174 | 50 | 5 | 1 | 41,300 | 37,861 | 1,516 |
| 174 | 56 | 5 | 1 | 41,430 | 38,212 | 1,559 |
| 174 | 62 | 5 | 1 | 41,577 | 38,736 | 1,584 |
| 174 | 68 | 5 | 1 | 41,385 | 39,153 | 1,589 |
| 174 | 74 | 6 | 1 | 41,199 | 39,264 | 1,575 |
| 174 | 80 | 6 | 1 | 40,970 | 39,108 | 1,547 |
| 174 | 86 | 6 | 1 | 40,843 | 38,346 | 1,507 |
| 174 | 92 | 6 | 1 | 40,836 | 37,767 | 1,460 |
| 174 | 98 | 6 | 1 | 40,890 | 37,578 | 1,408 |
| 174 | 104 | 6 | 1 | 40,951 | 37,810 | 1,354 |
| 174 | 110 | 6 | 1 | 41,131 | 37,980 | 1,299 |
| 174 | 116 | 6 | 1 | 41,513 | 37,477 | 1,242 |
| 174 | 122 | 6 | 1 | 41,853 | 36,743 | 1,184 |
| 174 | 128 | 6 | 1 | 42,098 | 36,937 | 1,127 |
| 174 | 134 | 6 | 1 | 42,180 | 34,472 | 1,070 |
| 174 | 140 | 6 | 1 | 42,265 | 34,320 | 1,016 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 174 | 146 | 6 | 1 | 42,752 | 35,571 | 0,965 |
| 174 | 152 | 6 | 1 | 42,940 | 35,005 | 0,917 |
| 174 | 158 | 6 | 1 | 42,759 | 33,571 | 0,872 |
| 174 | 164 | 6 | 1 | 43,334 | 34,767 | 0,831 |
| 174 | 170 | 6 | 1 | 43,378 | 33,886 | 0,793 |
| 177 | -97 | 6 | 1 | 44,562 | 21,136 | 0,527 |
| 177 | -91 | 6 | 1 | 44,118 | 22,059 | 0,550 |
| 177 | -85 | 6 | 1 | 44,165 | 23,526 | 0,574 |
| 177 | -79 | 6 | 1 | 43,799 | 22,544 | 0,600 |
| 177 | -73 | 6 | 1 | 43,172 | 24,759 | 0,628 |
| 177 | -67 | 6 | 1 | 43,192 | 26,963 | 0,657 |
| 177 | -61 | 6 | 1 | 42,974 | 29,319 | 0,687 |
| 177 | -55 | 6 | 1 | 42,607 | 31,000 | 0,718 |
| 177 | -49 | 6 | 1 | 42,163 | 30,151 | 0,749 |
| 177 | -43 | 6 | 1 | 41,692 | 33,268 | 0,780 |
| 177 | -37 | 6 | 1 | 41,544 | 33,881 | 0,810 |
| 177 | -31 | 6 | 1 | 41,363 | 33,277 | 0,840 |
| 177 | -25 | 6 | 1 | 41,164 | 32,795 | 0,869 |
| 177 | -19 | 6 | 1 | 40,971 | 32,428 | 0,897 |
| 177 | -13 | 6 | 1 | 40,808 | 32,173 | 0,926 |
| 177 | -7 | 6 | 1 | 40,707 | 32,028 | 0,957 |
| 177 | -1 | 6 | 1 | 40,710 | 32,000 | 0,990 |
| 177 | 5 | 6 | 1 | 40,845 | 32,649 | 1,028 |
| 177 | 11 | 6 | 1 | 41,051 | 34,310 | 1,072 |
| 177 | 17 | 5 | 1 | 41,680 | 35,499 | 1,126 |
| 177 | 23 | 5 | 1 | 41,941 | 36,173 | 1,192 |
| 177 | 29 | 5 | 1 | 42,092 | 36,983 | 1,268 |
| 177 | 35 | 5 | 1 | 42,155 | 37,180 | 1,349 |
| 177 | 41 | 5 | 1 | 42,054 | 39,243 | 1,425 |
| 177 | 47 | 5 | 1 | 41,881 | 39,467 | 1,491 |
| 177 | 53 | 5 | 1 | 41,837 | 39,733 | 1,541 |
| 177 | 59 | 5 | 1 | 41,916 | 39,979 | 1,574 |
| 177 | 65 | 5 | 1 | 41,805 | 39,796 | 1,587 |
| 177 | 71 | 6 | 1 | 41,594 | 39,443 | 1,580 |
| 177 | 77 | 6 | 1 | 41,287 | 39,141 | 1,557 |
| 177 | 83 | 6 | 1 | 41,050 | 39,063 | 1,521 |
| 177 | 89 | 6 | 1 | 40,977 | 38,481 | 1,475 |
| 177 | 95 | 6 | 1 | 41,027 | 37,633 | 1,425 |
| 177 | 101 | 6 | 1 | 41,134 | 36,903 | 1,372 |
| 177 | 107 | 6 | 1 | 41,245 | 36,882 | 1,317 |
| 177 | 113 | 6 | 1 | 41,310 | 37,659 | 1,261 |
| 177 | 119 | 6 | 1 | 41,342 | 38,251 | 1,204 |
| 177 | 125 | 6 | 1 | 41,786 | 37,457 | 1,148 |
| 177 | 131 | 6 | 1 | 42,122 | 36,136 | 1,092 |
| 177 | 137 | 6 | 1 | 42,278 | 34,862 | 1,037 |
| 177 | 143 | 6 | 1 | 42,165 | 33,451 | 0,985 |
| 177 | 149 | 6 | 1 | 42,660 | 35,215 | 0,936 |
| 177 | 155 | 6 | 1 | 42,913 | 35,216 | 0,889 |
| 177 | 161 | 6 | 1 | 42,702 | 32,837 | 0,847 |
| 177 | 167 | 6 | 1 | 43,204 | 34,408 | 0,807 |
| 180 | -100 | 6 | 1 | 44,396 | 20,812 | 0,512 |
| 180 | -94 | 6 | 1 | 44,140 | 22,070 | 0,533 |
| 180 | -88 | 6 | 1 | 44,130 | 22,359 | 0,557 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 180 | -82 | 6 | 1 | 43,680 | 22,355 | 0,581 |
| 180 | -76 | 6 | 1 | 43,343 | 25,355 | 0,608 |
| 180 | -70 | 6 | 1 | 43,294 | 25,494 | 0,636 |
| 180 | -64 | 6 | 1 | 42,990 | 29,154 | 0,665 |
| 180 | -58 | 6 | 1 | 42,525 | 29,691 | 0,695 |
| 180 | -52 | 6 | 1 | 42,117 | 28,702 | 0,725 |
| 180 | -46 | 6 | 1 | 42,026 | 31,932 | 0,755 |
| 180 | -40 | 6 | 1 | 41,843 | 32,590 | 0,785 |
| 180 | -34 | 6 | 1 | 41,614 | 31,908 | 0,815 |
| 180 | -28 | 6 | 1 | 41,373 | 31,350 | 0,843 |
| 180 | -22 | 6 | 1 | 41,146 | 31,010 | 0,872 |
| 180 | -16 | 6 | 1 | 40,957 | 31,442 | 0,901 |
| 180 | -10 | 6 | 1 | 40,834 | 31,810 | 0,931 |
| 180 | -4 | 6 | 1 | 40,819 | 32,132 | 0,964 |
| 180 | 2 | 6 | 1 | 40,958 | 32,357 | 1,001 |
| 180 | 8 | 6 | 1 | 41,262 | 33,961 | 1,042 |
| 180 | 14 | 5 | 1 | 41,633 | 35,483 | 1,092 |
| 180 | 20 | 5 | 1 | 42,343 | 36,310 | 1,154 |
| 180 | 26 | 5 | 1 | 42,647 | 37,198 | 1,227 |
| 180 | 32 | 5 | 1 | 42,678 | 37,208 | 1,307 |
| 180 | 38 | 5 | 1 | 42,522 | 37,546 | 1,386 |
| 180 | 44 | 5 | 1 | 42,248 | 39,045 | 1,457 |
| 180 | 50 | 5 | 1 | 42,045 | 38,897 | 1,515 |
| 180 | 56 | 5 | 1 | 42,012 | 38,849 | 1,556 |
| 180 | 62 | 5 | 1 | 42,084 | 38,725 | 1,578 |
| 180 | 68 | 5 | 1 | 41,966 | 38,834 | 1,579 |
| 180 | 74 | 6 | 1 | 41,552 | 38,944 | 1,563 |
| 180 | 80 | 6 | 1 | 41,187 | 38,687 | 1,531 |
| 180 | 86 | 6 | 1 | 40,817 | 38,208 | 1,489 |
| 180 | 92 | 6 | 1 | 40,820 | 38,095 | 1,440 |
| 180 | 98 | 6 | 1 | 40,970 | 37,637 | 1,388 |
| 180 | 104 | 6 | 1 | 41,168 | 36,960 | 1,334 |
| 180 | 110 | 6 | 1 | 41,363 | 36,318 | 1,279 |
| 180 | 116 | 6 | 1 | 41,504 | 36,771 | 1,223 |
| 180 | 122 | 6 | 1 | 41,541 | 37,765 | 1,168 |
| 180 | 128 | 6 | 1 | 41,624 | 38,101 | 1,112 |
| 180 | 134 | 6 | 1 | 42,067 | 35,271 | 1,058 |
| 180 | 140 | 6 | 1 | 42,312 | 35,372 | 1,005 |
| 180 | 146 | 6 | 1 | 42,262 | 33,334 | 0,955 |
| 180 | 152 | 6 | 1 | 42,523 | 34,438 | 0,907 |
| 180 | 158 | 6 | 1 | 42,851 | 34,655 | 0,863 |
| 180 | 164 | 6 | 1 | 42,679 | 32,548 | 0,822 |
| 180 | 170 | 6 | 1 | 43,049 | 34,046 | 0,784 |
| 183 | -97 | 6 | 1 | 44,125 | 22,062 | 0,518 |
| 183 | -91 | 6 | 1 | 44,048 | 21,600 | 0,540 |
| 183 | -85 | 6 | 1 | 43,502 | 22,772 | 0,564 |
| 183 | -79 | 6 | 1 | 43,449 | 25,556 | 0,589 |
| 183 | -73 | 6 | 1 | 43,318 | 23,984 | 0,616 |
| 183 | -67 | 6 | 1 | 42,912 | 28,231 | 0,644 |
| 183 | -61 | 6 | 1 | 42,391 | 28,238 | 0,673 |
| 183 | -55 | 6 | 1 | 42,383 | 27,154 | 0,702 |
| 183 | -49 | 6 | 1 | 42,215 | 32,105 | 0,731 |
| 183 | -43 | 6 | 1 | 41,950 | 31,205 | 0,761 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 183 | -37 | 6 | 1 | 41,638 | 31,208 | 0,789 |
| 183 | -31 | 6 | 1 | 41,315 | 32,022 | 0,818 |
| 183 | -25 | 6 | 1 | 41,011 | 32,648 | 0,846 |
| 183 | -19 | 6 | 1 | 40,749 | 33,148 | 0,875 |
| 183 | -13 | 6 | 1 | 40,646 | 33,374 | 0,905 |
| 183 | -7 | 6 | 1 | 40,685 | 33,111 | 0,937 |
| 183 | -1 | 6 | 1 | 40,851 | 32,975 | 0,972 |
| 183 | 5 | 6 | 1 | 41,156 | 33,555 | 1,012 |
| 183 | 11 | 5 | 1 | 41,630 | 34,812 | 1,059 |
| 183 | 17 | 5 | 1 | 42,430 | 36,413 | 1,115 |
| 183 | 23 | 5 | 1 | 42,805 | 37,139 | 1,183 |
| 183 | 29 | 5 | 1 | 43,025 | 37,979 | 1,260 |
| 183 | 35 | 5 | 1 | 43,085 | 38,103 | 1,341 |
| 183 | 41 | 5 | 1 | 42,934 | 39,691 | 1,416 |
| 183 | 47 | 5 | 1 | 42,689 | 39,764 | 1,481 |
| 183 | 53 | 5 | 1 | 42,554 | 39,852 | 1,530 |
| 183 | 59 | 5 | 1 | 42,573 | 40,084 | 1,561 |
| 183 | 65 | 5 | 1 | 42,497 | 40,401 | 1,572 |
| 183 | 71 | 6 | 1 | 42,271 | 40,561 | 1,563 |
| 183 | 77 | 6 | 1 | 41,924 | 40,369 | 1,538 |
| 183 | 83 | 6 | 1 | 41,502 | 39,831 | 1,500 |
| 183 | 89 | 6 | 1 | 41,178 | 38,626 | 1,454 |
| 183 | 95 | 6 | 1 | 40,975 | 37,438 | 1,403 |
| 183 | 101 | 6 | 1 | 40,837 | 37,760 | 1,350 |
| 183 | 107 | 6 | 1 | 41,014 | 37,580 | 1,295 |
| 183 | 113 | 6 | 1 | 41,320 | 36,849 | 1,241 |
| 183 | 119 | 6 | 1 | 41,564 | 35,918 | 1,186 |
| 183 | 125 | 6 | 1 | 41,690 | 36,930 | 1,131 |
| 183 | 131 | 6 | 1 | 41,633 | 38,124 | 1,077 |
| 183 | 137 | 6 | 1 | 41,937 | 34,346 | 1,025 |
| 183 | 143 | 6 | 1 | 42,283 | 35,845 | 0,974 |
| 183 | 149 | 6 | 1 | 42,310 | 33,718 | 0,926 |
| 183 | 155 | 6 | 1 | 42,344 | 33,623 | 0,880 |
| 183 | 161 | 6 | 1 | 42,756 | 34,045 | 0,838 |
| 183 | 167 | 6 | 1 | 42,631 | 32,613 | 0,799 |
| 186 | -100 | 6 | 1 | 44,075 | 22,037 | 0,503 |
| 186 | -94 | 6 | 1 | 43,921 | 20,695 | 0,524 |
| 186 | -88 | 6 | 1 | 43,296 | 23,174 | 0,547 |
| 186 | -82 | 6 | 1 | 43,492 | 24,149 | 0,571 |
| 186 | -76 | 6 | 1 | 43,265 | 22,455 | 0,597 |
| 186 | -70 | 6 | 1 | 42,745 | 28,115 | 0,623 |
| 186 | -64 | 6 | 1 | 42,618 | 26,711 | 0,651 |
| 186 | -58 | 6 | 1 | 42,521 | 28,193 | 0,680 |
| 186 | -52 | 6 | 1 | 42,253 | 30,705 | 0,708 |
| 186 | -46 | 6 | 1 | 41,881 | 31,453 | 0,737 |
| 186 | -40 | 6 | 1 | 41,459 | 32,605 | 0,765 |
| 186 | -34 | 6 | 1 | 41,298 | 33,457 | 0,792 |
| 186 | -28 | 6 | 1 | 41,212 | 32,772 | 0,820 |
| 186 | -22 | 6 | 1 | 41,108 | 32,198 | 0,848 |
| 186 | -16 | 6 | 1 | 41,024 | 31,731 | 0,878 |
| 186 | -10 | 6 | 1 | 41,008 | 31,367 | 0,909 |
| 186 | -4 | 6 | 1 | 41,114 | 31,398 | 0,943 |
| 186 | 2 | 6 | 1 | 41,391 | 33,098 | 0,981 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 186 | 8 | 6 | 1 | 41,823 | 34,789 | 1,024 |
| 186 | 14 | 5 | 1 | 42,376 | 36,282 | 1,076 |
| 186 | 20 | 5 | 1 | 43,183 | 37,003 | 1,139 |
| 186 | 26 | 5 | 1 | 43,576 | 38,005 | 1,212 |
| 186 | 32 | 5 | 1 | 43,640 | 38,015 | 1,291 |
| 186 | 38 | 5 | 1 | 43,465 | 38,424 | 1,369 |
| 186 | 44 | 5 | 1 | 43,155 | 39,952 | 1,439 |
| 186 | 50 | 5 | 1 | 42,897 | 39,906 | 1,496 |
| 186 | 56 | 5 | 1 | 42,803 | 39,999 | 1,536 |
| 186 | 62 | 5 | 1 | 42,719 | 40,043 | 1,557 |
| 186 | 68 | 6 | 1 | 42,495 | 39,861 | 1,557 |
| 186 | 74 | 6 | 1 | 42,222 | 39,528 | 1,540 |
| 186 | 80 | 6 | 1 | 41,803 | 39,281 | 1,508 |
| 186 | 86 | 6 | 1 | 41,449 | 39,261 | 1,466 |
| 186 | 92 | 6 | 1 | 41,246 | 38,551 | 1,417 |
| 186 | 98 | 6 | 1 | 41,160 | 37,500 | 1,365 |
| 186 | 104 | 6 | 1 | 41,120 | 36,713 | 1,311 |
| 186 | 110 | 6 | 1 | 41,051 | 37,520 | 1,257 |
| 186 | 116 | 6 | 1 | 41,132 | 37,704 | 1,203 |
| 186 | 122 | 6 | 1 | 41,499 | 36,733 | 1,149 |
| 186 | 128 | 6 | 1 | 41,736 | 36,022 | 1,096 |
| 186 | 134 | 6 | 1 | 41,771 | 37,357 | 1,044 |
| 186 | 140 | 6 | 1 | 41,736 | 33,363 | 0,993 |
| 186 | 146 | 6 | 1 | 42,196 | 35,120 | 0,944 |
| 186 | 152 | 6 | 1 | 42,312 | 34,076 | 0,898 |
| 186 | 158 | 6 | 1 | 42,124 | 32,773 | 0,854 |
| 186 | 164 | 6 | 1 | 42,629 | 33,484 | 0,814 |
| 186 | 170 | 6 | 1 | 42,559 | 32,665 | 0,776 |
| 189 | -97 | 6 | 1 | 43,750 | 20,433 | 0,508 |
| 189 | -91 | 6 | 1 | 43,361 | 23,343 | 0,530 |
| 189 | -85 | 6 | 1 | 43,475 | 22,735 | 0,554 |
| 189 | -79 | 6 | 1 | 43,139 | 21,569 | 0,578 |
| 189 | -73 | 6 | 1 | 42,675 | 26,650 | 0,604 |
| 189 | -67 | 6 | 1 | 42,744 | 26,934 | 0,631 |
| 189 | -61 | 6 | 1 | 42,540 | 29,225 | 0,658 |
| 189 | -55 | 6 | 1 | 42,152 | 29,209 | 0,686 |
| 189 | -49 | 6 | 1 | 41,682 | 31,453 | 0,713 |
| 189 | -43 | 6 | 1 | 41,685 | 32,906 | 0,740 |
| 189 | -37 | 6 | 1 | 41,580 | 32,009 | 0,768 |
| 189 | -31 | 6 | 1 | 41,413 | 31,236 | 0,795 |
| 189 | -25 | 6 | 1 | 41,224 | 30,702 | 0,822 |
| 189 | -19 | 6 | 1 | 41,051 | 31,616 | 0,851 |
| 189 | -13 | 6 | 1 | 40,933 | 32,461 | 0,881 |
| 189 | -7 | 6 | 1 | 40,922 | 33,256 | 0,913 |
| 189 | -1 | 6 | 1 | 41,077 | 33,889 | 0,950 |
| 189 | 5 | 6 | 1 | 41,499 | 34,300 | 0,991 |
| 189 | 11 | 5 | 1 | 42,313 | 35,500 | 1,038 |
| 189 | 17 | 5 | 1 | 43,209 | 37,048 | 1,095 |
| 189 | 23 | 5 | 1 | 43,679 | 37,747 | 1,163 |
| 189 | 29 | 5 | 1 | 43,954 | 38,618 | 1,239 |
| 189 | 35 | 5 | 1 | 44,021 | 38,733 | 1,318 |
| 189 | 41 | 5 | 1 | 43,837 | 40,202 | 1,392 |
| 189 | 47 | 5 | 1 | 43,538 | 40,129 | 1,455 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 189 | 53 | 5 | 1 | 43,311 | 40,034 | 1,504 |
| 189 | 59 | 5 | 1 | 43,226 | 40,071 | 1,534 |
| 189 | 65 | 5 | 1 | 43,115 | 40,250 | 1,545 |
| 189 | 71 | 6 | 1 | 42,789 | 40,373 | 1,536 |
| 189 | 77 | 6 | 1 | 42,448 | 40,192 | 1,511 |
| 189 | 83 | 6 | 1 | 41,885 | 39,636 | 1,474 |
| 189 | 89 | 6 | 1 | 41,289 | 38,827 | 1,429 |
| 189 | 95 | 6 | 1 | 41,054 | 37,916 | 1,378 |
| 189 | 101 | 6 | 1 | 41,120 | 37,331 | 1,325 |
| 189 | 107 | 6 | 1 | 41,208 | 36,481 | 1,272 |
| 189 | 113 | 6 | 1 | 41,249 | 36,518 | 1,218 |
| 189 | 119 | 6 | 1 | 41,180 | 37,537 | 1,166 |
| 189 | 125 | 6 | 1 | 41,320 | 37,471 | 1,113 |
| 189 | 131 | 6 | 1 | 41,684 | 36,174 | 1,062 |
| 189 | 137 | 6 | 1 | 41,828 | 36,525 | 1,011 |
| 189 | 143 | 6 | 1 | 41,663 | 32,768 | 0,962 |
| 189 | 149 | 6 | 1 | 42,054 | 34,234 | 0,915 |
| 189 | 155 | 6 | 1 | 42,268 | 33,931 | 0,871 |
| 189 | 161 | 6 | 1 | 41,978 | 31,894 | 0,829 |
| 189 | 167 | 6 | 1 | 42,472 | 33,197 | 0,790 |
| 192 | -100 | 6 | 1 | 43,538 | 20,149 | 0,494 |
| 192 | -94 | 6 | 1 | 43,380 | 22,232 | 0,515 |
| 192 | -88 | 6 | 1 | 43,400 | 21,329 | 0,537 |
| 192 | -82 | 6 | 1 | 42,942 | 21,892 | 0,560 |
| 192 | -76 | 6 | 1 | 42,811 | 25,149 | 0,585 |
| 192 | -70 | 6 | 1 | 42,774 | 27,804 | 0,611 |
| 192 | -64 | 6 | 1 | 42,446 | 29,002 | 0,637 |
| 192 | -58 | 6 | 1 | 41,922 | 27,628 | 0,664 |
| 192 | -52 | 6 | 1 | 41,959 | 30,486 | 0,690 |
| 192 | -46 | 6 | 1 | 41,861 | 31,456 | 0,717 |
| 192 | -40 | 6 | 1 | 41,647 | 30,463 | 0,743 |
| 192 | -34 | 6 | 1 | 41,366 | 31,172 | 0,770 |
| 192 | -28 | 6 | 1 | 41,060 | 32,263 | 0,796 |
| 192 | -22 | 6 | 1 | 40,813 | 33,217 | 0,824 |
| 192 | -16 | 6 | 1 | 40,910 | 32,829 | 0,853 |
| 192 | -10 | 6 | 1 | 41,076 | 32,343 | 0,884 |
| 192 | -4 | 6 | 1 | 41,371 | 31,972 | 0,919 |
| 192 | 2 | 6 | 1 | 41,831 | 33,755 | 0,957 |
| 192 | 8 | 6 | 1 | 42,402 | 35,341 | 1,001 |
| 192 | 14 | 5 | 1 | 43,131 | 36,795 | 1,053 |
| 192 | 20 | 5 | 1 | 44,008 | 37,517 | 1,115 |
| 192 | 26 | 5 | 1 | 44,471 | 38,455 | 1,187 |
| 192 | 32 | 5 | 1 | 44,570 | 38,513 | 1,264 |
| 192 | 38 | 5 | 1 | 44,394 | 38,951 | 1,339 |
| 192 | 44 | 5 | 1 | 44,067 | 40,866 | 1,408 |
| 192 | 50 | 5 | 1 | 43,762 | 40,894 | 1,464 |
| 192 | 56 | 5 | 1 | 43,588 | 41,083 | 1,503 |
| 192 | 62 | 5 | 1 | 43,451 | 41,258 | 1,524 |
| 192 | 68 | 6 | 1 | 43,267 | 41,214 | 1,525 |
| 192 | 74 | 6 | 1 | 43,055 | 40,942 | 1,509 |
| 192 | 80 | 6 | 1 | 42,582 | 40,629 | 1,478 |
| 192 | 86 | 6 | 1 | 42,030 | 40,263 | 1,437 |
| 192 | 92 | 6 | 1 | 41,538 | 38,961 | 1,390 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 192 | 98 | 6 | 1 | 41,132 | 37,570 | 1,339 |
| 192 | 104 | 6 | 1 | 40,877 | 37,933 | 1,286 |
| 192 | 110 | 6 | 1 | 41,117 | 36,915 | 1,233 |
| 192 | 116 | 6 | 1 | 41,292 | 35,748 | 1,181 |
| 192 | 122 | 6 | 1 | 41,339 | 36,592 | 1,129 |
| 192 | 128 | 6 | 1 | 41,190 | 37,804 | 1,078 |
| 192 | 134 | 6 | 1 | 41,540 | 36,814 | 1,028 |
| 192 | 140 | 6 | 1 | 41,808 | 35,632 | 0,980 |
| 192 | 146 | 6 | 1 | 41,743 | 32,909 | 0,932 |
| 192 | 152 | 6 | 1 | 41,859 | 33,304 | 0,887 |
| 192 | 158 | 6 | 1 | 42,182 | 33,310 | 0,845 |
| 192 | 164 | 6 | 1 | 41,967 | 31,769 | 0,805 |
| 192 | 170 | 6 | 1 | 42,286 | 32,902 | 0,768 |
| 195 | -97 | 6 | 1 | 43,355 | 21,677 | 0,500 |
| 195 | -91 | 6 | 1 | 43,268 | 20,881 | 0,521 |
| 195 | -85 | 6 | 1 | 42,678 | 22,456 | 0,543 |
| 195 | -79 | 6 | 1 | 42,871 | 23,627 | 0,567 |
| 195 | -73 | 6 | 1 | 42,712 | 26,632 | 0,592 |
| 195 | -67 | 6 | 1 | 42,244 | 27,469 | 0,617 |
| 195 | -61 | 6 | 1 | 42,121 | 25,977 | 0,643 |
| 195 | -55 | 6 | 1 | 42,087 | 30,946 | 0,668 |
| 195 | -49 | 6 | 1 | 41,864 | 29,909 | 0,694 |
| 195 | -43 | 6 | 1 | 41,517 | 31,255 | 0,720 |
| 195 | -37 | 6 | 1 | 41,111 | 32,604 | 0,745 |
| 195 | -31 | 6 | 1 | 41,161 | 32,584 | 0,771 |
| 195 | -25 | 6 | 1 | 41,153 | 31,794 | 0,798 |
| 195 | -19 | 6 | 1 | 41,138 | 31,108 | 0,826 |
| 195 | -13 | 6 | 1 | 41,169 | 31,502 | 0,856 |
| 195 | -7 | 6 | 1 | 41,308 | 32,640 | 0,888 |
| 195 | -1 | 6 | 1 | 41,615 | 33,598 | 0,924 |
| 195 | 5 | 6 | 1 | 42,107 | 34,678 | 0,965 |
| 195 | 11 | 5 | 1 | 42,998 | 35,943 | 1,013 |
| 195 | 17 | 5 | 1 | 43,957 | 37,388 | 1,069 |
| 195 | 23 | 5 | 1 | 44,497 | 38,008 | 1,135 |
| 195 | 29 | 5 | 1 | 44,811 | 38,908 | 1,209 |
| 195 | 35 | 5 | 1 | 44,895 | 39,495 | 1,285 |
| 195 | 41 | 5 | 1 | 44,702 | 40,755 | 1,356 |
| 195 | 47 | 5 | 1 | 44,369 | 40,545 | 1,418 |
| 195 | 53 | 5 | 1 | 44,062 | 40,277 | 1,466 |
| 195 | 59 | 5 | 1 | 43,859 | 40,099 | 1,496 |
| 195 | 65 | 5 | 1 | 43,661 | 40,075 | 1,508 |
| 195 | 71 | 5 | 1 | 43,261 | 40,079 | 1,501 |
| 195 | 77 | 6 | 1 | 42,822 | 39,876 | 1,478 |
| 195 | 83 | 6 | 1 | 42,263 | 39,344 | 1,443 |
| 195 | 89 | 6 | 1 | 41,840 | 39,405 | 1,399 |
| 195 | 95 | 6 | 1 | 41,523 | 38,518 | 1,351 |
| 195 | 101 | 6 | 1 | 41,285 | 37,531 | 1,299 |
| 195 | 107 | 6 | 1 | 41,057 | 37,069 | 1,247 |
| 195 | 113 | 6 | 1 | 40,863 | 37,777 | 1,195 |
| 195 | 119 | 6 | 1 | 41,191 | 36,610 | 1,144 |
| 195 | 125 | 6 | 1 | 41,376 | 35,565 | 1,094 |
| 195 | 131 | 6 | 1 | 41,344 | 36,933 | 1,044 |
| 195 | 137 | 6 | 1 | 41,311 | 37,393 | 0,996 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 195 | 143 | 6 | 1 | 41,716 | 34,682 | 0,949 |
| 195 | 149 | 6 | 1 | 41,763 | 33,402 | 0,904 |
| 195 | 155 | 6 | 1 | 41,613 | 32,338 | 0,861 |
| 195 | 161 | 6 | 1 | 42,055 | 32,775 | 0,820 |
| 195 | 167 | 6 | 1 | 41,924 | 31,976 | 0,782 |
| 198 | -100 | 6 | 1 | 43,285 | 21,005 | 0,485 |
| 198 | -94 | 6 | 1 | 43,082 | 20,967 | 0,506 |
| 198 | -88 | 6 | 1 | 42,695 | 23,004 | 0,527 |
| 198 | -82 | 6 | 1 | 42,856 | 22,103 | 0,550 |
| 198 | -76 | 6 | 1 | 42,561 | 26,457 | 0,573 |
| 198 | -70 | 6 | 1 | 42,121 | 25,886 | 0,597 |
| 198 | -64 | 6 | 1 | 42,243 | 26,499 | 0,622 |
| 198 | -58 | 6 | 1 | 42,076 | 29,627 | 0,647 |
| 198 | -52 | 6 | 1 | 41,708 | 30,869 | 0,672 |
| 198 | -46 | 6 | 1 | 41,367 | 32,555 | 0,697 |
| 198 | -40 | 6 | 1 | 41,420 | 31,969 | 0,721 |
| 198 | -34 | 6 | 1 | 41,352 | 30,968 | 0,746 |
| 198 | -28 | 6 | 1 | 41,215 | 30,464 | 0,772 |
| 198 | -22 | 6 | 1 | 41,055 | 31,831 | 0,799 |
| 198 | -16 | 6 | 1 | 40,920 | 33,114 | 0,828 |
| 198 | -10 | 6 | 1 | 41,105 | 33,265 | 0,859 |
| 198 | -4 | 6 | 1 | 41,634 | 32,798 | 0,893 |
| 198 | 2 | 6 | 1 | 42,292 | 34,154 | 0,930 |
| 198 | 8 | 6 | 1 | 42,993 | 35,613 | 0,974 |
| 198 | 14 | 5 | 1 | 43,852 | 37,020 | 1,025 |
| 198 | 20 | 5 | 1 | 44,768 | 37,680 | 1,086 |
| 198 | 26 | 5 | 1 | 45,279 | 38,612 | 1,155 |
| 198 | 32 | 5 | 1 | 45,415 | 39,043 | 1,228 |
| 198 | 38 | 5 | 1 | 45,257 | 39,140 | 1,301 |
| 198 | 44 | 5 | 1 | 44,933 | 41,782 | 1,367 |
| 198 | 50 | 5 | 1 | 44,594 | 41,862 | 1,422 |
| 198 | 56 | 5 | 1 | 44,340 | 42,019 | 1,461 |
| 198 | 62 | 5 | 1 | 44,122 | 41,930 | 1,483 |
| 198 | 68 | 6 | 1 | 43,882 | 41,922 | 1,486 |
| 198 | 74 | 6 | 1 | 43,715 | 41,788 | 1,472 |
| 198 | 80 | 6 | 1 | 43,234 | 41,340 | 1,443 |
| 198 | 86 | 6 | 1 | 42,544 | 40,539 | 1,405 |
| 198 | 92 | 6 | 1 | 41,785 | 39,293 | 1,360 |
| 198 | 98 | 6 | 1 | 41,276 | 38,251 | 1,311 |
| 198 | 104 | 6 | 1 | 41,236 | 37,106 | 1,260 |
| 198 | 110 | 6 | 1 | 41,174 | 36,219 | 1,208 |
| 198 | 116 | 6 | 1 | 41,014 | 37,004 | 1,158 |
| 198 | 122 | 6 | 1 | 40,959 | 37,386 | 1,108 |
| 198 | 128 | 6 | 1 | 41,297 | 35,962 | 1,059 |
| 198 | 134 | 6 | 1 | 41,401 | 35,989 | 1,011 |
| 198 | 140 | 6 | 1 | 41,184 | 37,527 | 0,965 |
| 198 | 146 | 6 | 1 | 41,555 | 33,680 | 0,920 |
| 198 | 152 | 6 | 1 | 41,728 | 33,863 | 0,876 |
| 198 | 158 | 6 | 1 | 41,394 | 31,339 | 0,835 |
| 198 | 164 | 6 | 1 | 41,890 | 32,551 | 0,796 |
| 198 | 170 | 6 | 1 | 41,851 | 32,168 | 0,760 |
| 201 | -97 | 6 | 1 | 42,844 | 21,031 | 0,491 |
| 201 | -91 | 6 | 1 | 42,732 | 22,836 | 0,511 |

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 201 | -85 | 6 | 1 | 42,769 | 21,385 | 0,533 |
| 201 | -79 | 6 | 1 | 42,326 | 26,223 | 0,556 |
| 201 | -73 | 6 | 1 | 42,263 | 24,686 | 0,579 |
| 201 | -67 | 6 | 1 | 42,251 | 27,491 | 0,603 |
| 201 | -61 | 6 | 1 | 41,934 | 28,028 | 0,627 |
| 201 | -55 | 6 | 1 | 41,494 | 29,605 | 0,651 |
| 201 | -49 | 6 | 1 | 41,605 | 31,594 | 0,675 |
| 201 | -43 | 6 | 1 | 41,524 | 30,360 | 0,699 |
| 201 | -37 | 6 | 1 | 41,312 | 30,399 | 0,723 |
| 201 | -31 | 6 | 1 | 41,019 | 31,932 | 0,747 |
| 201 | -25 | 6 | 1 | 40,871 | 32,942 | 0,773 |
| 201 | -19 | 6 | 1 | 41,079 | 32,131 | 0,801 |
| 201 | -13 | 6 | 1 | 41,322 | 31,418 | 0,830 |
| 201 | -7 | 6 | 1 | 41,665 | 32,113 | 0,862 |
| 201 | -1 | 6 | 1 | 42,156 | 33,454 | 0,897 |
| 201 | 5 | 6 | 1 | 42,782 | 35,059 | 0,937 |
| 201 | 11 | 5 | 1 | 43,637 | 36,140 | 0,984 |
| 201 | 17 | 5 | 1 | 44,627 | 37,400 | 1,039 |
| 201 | 23 | 5 | 1 | 45,215 | 37,964 | 1,102 |
| 201 | 29 | 5 | 1 | 45,557 | 38,893 | 1,173 |
| 201 | 35 | 5 | 1 | 45,663 | 40,275 | 1,245 |
| 201 | 41 | 5 | 1 | 45,480 | 41,326 | 1,313 |
| 201 | 47 | 5 | 1 | 45,134 | 40,988 | 1,373 |
| 201 | 53 | 5 | 1 | 44,765 | 40,669 | 1,420 |
| 201 | 59 | 5 | 1 | 44,450 | 40,999 | 1,451 |
| 201 | 65 | 5 | 1 | 44,141 | 41,193 | 1,464 |
| 201 | 71 | 6 | 1 | 43,972 | 41,152 | 1,460 |
| 201 | 77 | 6 | 1 | 43,672 | 40,945 | 1,440 |
| 201 | 83 | 6 | 1 | 43,146 | 40,733 | 1,407 |
| 201 | 89 | 6 | 1 | 42,530 | 40,347 | 1,367 |
| 201 | 95 | 6 | 1 | 41,919 | 39,209 | 1,321 |
| 201 | 101 | 6 | 1 | 41,331 | 37,758 | 1,271 |
| 201 | 107 | 6 | 1 | 41,000 | 37,818 | 1,221 |
| 201 | 113 | 6 | 1 | 41,124 | 36,402 | 1,171 |
| 201 | 119 | 6 | 1 | 41,124 | 35,928 | 1,121 |
| 201 | 125 | 6 | 1 | 40,925 | 37,200 | 1,073 |
| 201 | 131 | 6 | 1 | 41,111 | 36,663 | 1,026 |
| 201 | 137 | 6 | 1 | 41,365 | 34,978 | 0,980 |
| 201 | 143 | 6 | 1 | 41,275 | 36,685 | 0,935 |
| 201 | 149 | 6 | 1 | 41,329 | 32,631 | 0,891 |
| 201 | 155 | 6 | 1 | 41,638 | 34,293 | 0,850 |
| 201 | 161 | 6 | 1 | 41,409 | 31,396 | 0,810 |
| 201 | 167 | 6 | 1 | 41,687 | 32,310 | 0,773 |
| 204 | -100 | 6 | 1 | 42,555 | 21,072 | 0,477 |
| 204 | -94 | 6 | 1 | 42,713 | 21,448 | 0,496 |
| 204 | -88 | 6 | 1 | 42,614 | 21,307 | 0,517 |
| 204 | -82 | 6 | 1 | 42,039 | 24,715 | 0,539 |
| 204 | -76 | 6 | 1 | 42,312 | 25,527 | 0,561 |
| 204 | -70 | 6 | 1 | 42,150 | 28,148 | 0,584 |
| 204 | -64 | 6 | 1 | 41,667 | 26,369 | 0,607 |
| 204 | -58 | 6 | 1 | 41,709 | 29,511 | 0,630 |
| 204 | -52 | 6 | 1 | 41,677 | 30,008 | 0,653 |
| 204 | -46 | 6 | 1 | 41,439 | 29,986 | 0,676 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 204 | -40 | 6 | 1 | 41,060 | 31,769 | 0,700 |
| 204 | -34 | 6 | 1 | 41,039 | 32,261 | 0,724 |
| 204 | -28 | 6 | 1 | 41,130 | 31,241 | 0,748 |
| 204 | -22 | 6 | 1 | 41,169 | 30,656 | 0,774 |
| 204 | -16 | 6 | 1 | 41,214 | 32,299 | 0,802 |
| 204 | -10 | 6 | 1 | 41,328 | 33,824 | 0,832 |
| 204 | -4 | 6 | 1 | 41,925 | 33,595 | 0,865 |
| 204 | 2 | 6 | 1 | 42,770 | 34,281 | 0,902 |
| 204 | 8 | 6 | 1 | 43,587 | 35,717 | 0,945 |
| 204 | 14 | 5 | 1 | 44,502 | 36,982 | 0,994 |
| 204 | 20 | 5 | 1 | 45,429 | 37,865 | 1,052 |
| 204 | 26 | 5 | 1 | 45,969 | 38,457 | 1,118 |
| 204 | 32 | 5 | 1 | 46,140 | 39,670 | 1,188 |
| 204 | 38 | 5 | 1 | 46,017 | 39,535 | 1,258 |
| 204 | 44 | 5 | 1 | 45,712 | 42,689 | 1,321 |
| 204 | 50 | 5 | 1 | 45,355 | 42,736 | 1,374 |
| 204 | 56 | 5 | 1 | 45,032 | 42,333 | 1,413 |
| 204 | 62 | 5 | 1 | 44,726 | 42,038 | 1,436 |
| 204 | 68 | 6 | 1 | 44,359 | 41,836 | 1,441 |
| 204 | 74 | 6 | 1 | 44,192 | 41,582 | 1,430 |
| 204 | 80 | 6 | 1 | 43,715 | 41,094 | 1,405 |
| 204 | 86 | 6 | 1 | 42,950 | 40,269 | 1,370 |
| 204 | 92 | 6 | 1 | 42,208 | 39,491 | 1,328 |
| 204 | 98 | 6 | 1 | 41,814 | 38,486 | 1,281 |
| 204 | 104 | 6 | 1 | 41,433 | 37,589 | 1,232 |
| 204 | 110 | 6 | 1 | 41,004 | 37,312 | 1,183 |
| 204 | 116 | 6 | 1 | 40,920 | 37,224 | 1,134 |
| 204 | 122 | 6 | 1 | 41,096 | 35,646 | 1,086 |
| 204 | 128 | 6 | 1 | 41,050 | 36,206 | 1,039 |
| 204 | 134 | 6 | 1 | 40,823 | 37,294 | 0,994 |
| 204 | 140 | 6 | 1 | 41,242 | 35,508 | 0,949 |
| 204 | 146 | 6 | 1 | 41,294 | 35,784 | 0,906 |
| 204 | 152 | 6 | 1 | 41,040 | 31,543 | 0,864 |
| 204 | 158 | 6 | 1 | 41,497 | 33,868 | 0,824 |
| 204 | 164 | 6 | 1 | 41,383 | 31,741 | 0,787 |
| 204 | 170 | 6 | 1 | 41,449 | 32,045 | 0,751 |
| 207 | -97 | 6 | 1 | 42,639 | 20,498 | 0,482 |
| 207 | -91 | 6 | 1 | 42,392 | 21,196 | 0,502 |
| 207 | -85 | 6 | 1 | 42,140 | 23,202 | 0,522 |
| 207 | -79 | 6 | 1 | 42,272 | 25,489 | 0,544 |
| 207 | -73 | 6 | 1 | 41,946 | 26,575 | 0,566 |
| 207 | -67 | 6 | 1 | 41,682 | 24,668 | 0,588 |
| 207 | -61 | 6 | 1 | 41,786 | 29,905 | 0,610 |
| 207 | -55 | 6 | 1 | 41,590 | 29,140 | 0,633 |
| 207 | -49 | 6 | 1 | 41,178 | 31,251 | 0,655 |
| 207 | -43 | 6 | 1 | 41,165 | 31,817 | 0,678 |
| 207 | -37 | 6 | 1 | 41,215 | 30,577 | 0,700 |
| 207 | -31 | 6 | 1 | 41,137 | 30,329 | 0,724 |
| 207 | -25 | 6 | 1 | 40,984 | 32,099 | 0,749 |
| 207 | -19 | 6 | 1 | 40,946 | 33,098 | 0,776 |
| 207 | -13 | 6 | 1 | 41,448 | 32,275 | 0,804 |
| 207 | -7 | 6 | 1 | 42,026 | 32,029 | 0,835 |
| 207 | -1 | 6 | 1 | 42,707 | 33,613 | 0,869 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 207 | 5 | 6 | 1 | 43,457 | 35,054 | 0,908 |
| 207 | 11 | 5 | 1 | 44,193 | 36,256 | 0,953 |
| 207 | 17 | 5 | 1 | 45,191 | 37,141 | 1,005 |
| 207 | 23 | 5 | 1 | 45,807 | 37,664 | 1,066 |
| 207 | 29 | 5 | 1 | 46,169 | 38,623 | 1,133 |
| 207 | 35 | 5 | 1 | 46,298 | 41,036 | 1,201 |
| 207 | 41 | 5 | 1 | 46,137 | 41,888 | 1,267 |
| 207 | 47 | 5 | 1 | 45,794 | 41,434 | 1,324 |
| 207 | 53 | 5 | 1 | 45,382 | 41,687 | 1,370 |
| 207 | 59 | 5 | 1 | 44,971 | 42,083 | 1,402 |
| 207 | 65 | 6 | 1 | 44,709 | 42,374 | 1,417 |
| 207 | 71 | 6 | 1 | 44,713 | 42,446 | 1,415 |
| 207 | 77 | 6 | 1 | 44,440 | 42,306 | 1,398 |
| 207 | 83 | 6 | 1 | 43,887 | 42,060 | 1,369 |
| 207 | 89 | 6 | 1 | 43,136 | 41,041 | 1,332 |
| 207 | 95 | 6 | 1 | 42,276 | 39,589 | 1,289 |
| 207 | 101 | 6 | 1 | 41,499 | 38,636 | 1,242 |
| 207 | 107 | 6 | 1 | 41,353 | 37,010 | 1,194 |
| 207 | 113 | 6 | 1 | 41,125 | 36,171 | 1,146 |
| 207 | 119 | 6 | 1 | 40,737 | 37,358 | 1,098 |
| 207 | 125 | 6 | 1 | 40,939 | 36,413 | 1,052 |
| 207 | 131 | 6 | 1 | 41,063 | 35,134 | 1,007 |
| 207 | 137 | 6 | 1 | 40,859 | 36,744 | 0,963 |
| 207 | 143 | 6 | 1 | 41,036 | 36,086 | 0,920 |
| 207 | 149 | 6 | 1 | 41,242 | 34,829 | 0,878 |
| 207 | 155 | 6 | 1 | 40,941 | 31,053 | 0,838 |
| 207 | 161 | 6 | 1 | 41,306 | 32,913 | 0,800 |
| 207 | 167 | 6 | 1 | 41,317 | 31,807 | 0,764 |
| 210 | -100 | 6 | 1 | 42,512 | 20,217 | 0,468 |
| 210 | -94 | 6 | 1 | 42,106 | 21,053 | 0,487 |
| 210 | -88 | 6 | 1 | 42,169 | 21,699 | 0,507 |
| 210 | -82 | 6 | 1 | 42,146 | 24,806 | 0,527 |
| 210 | -76 | 6 | 1 | 41,643 | 24,973 | 0,548 |
| 210 | -70 | 6 | 1 | 41,792 | 24,978 | 0,570 |
| 210 | -64 | 6 | 1 | 41,732 | 28,359 | 0,591 |
| 210 | -58 | 6 | 1 | 41,356 | 29,095 | 0,613 |
| 210 | -52 | 6 | 1 | 41,221 | 31,639 | 0,634 |
| 210 | -46 | 6 | 1 | 41,301 | 30,160 | 0,656 |
| 210 | -40 | 6 | 1 | 41,176 | 29,759 | 0,678 |
| 210 | -34 | 6 | 1 | 40,907 | 31,691 | 0,701 |
| 210 | -28 | 6 | 1 | 40,877 | 32,339 | 0,725 |
| 210 | -22 | 6 | 1 | 41,169 | 31,295 | 0,750 |
| 210 | -16 | 6 | 1 | 41,444 | 31,631 | 0,777 |
| 210 | -10 | 6 | 1 | 41,765 | 33,386 | 0,806 |
| 210 | -4 | 6 | 1 | 42,243 | 34,374 | 0,837 |
| 210 | 2 | 6 | 1 | 43,255 | 34,234 | 0,873 |
| 210 | 8 | 6 | 1 | 44,170 | 35,593 | 0,914 |
| 210 | 14 | 5 | 1 | 45,056 | 36,718 | 0,961 |
| 210 | 20 | 5 | 1 | 45,971 | 37,543 | 1,017 |
| 210 | 26 | 5 | 1 | 46,526 | 38,536 | 1,079 |
| 210 | 32 | 5 | 1 | 46,731 | 40,242 | 1,146 |
| 210 | 38 | 5 | 1 | 46,649 | 40,029 | 1,212 |
| 210 | 44 | 5 | 1 | 46,375 | 43,579 | 1,272 |

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 210 | 50 | 5 | 1 | 46,015 | 43,215 | 1,323 |
| 210 | 56 | 5 | 1 | 45,640 | 42,659 | 1,362 |
| 210 | 62 | 5 | 1 | 45,252 | 42,157 | 1,386 |
| 210 | 68 | 5 | 1 | 44,785 | 41,729 | 1,393 |
| 210 | 74 | 6 | 1 | 44,501 | 41,288 | 1,385 |
| 210 | 80 | 6 | 1 | 44,107 | 40,775 | 1,364 |
| 210 | 86 | 6 | 1 | 43,597 | 40,726 | 1,332 |
| 210 | 92 | 6 | 1 | 42,977 | 40,305 | 1,294 |
| 210 | 98 | 6 | 1 | 42,301 | 39,220 | 1,250 |
| 210 | 104 | 6 | 1 | 41,571 | 37,923 | 1,204 |
| 210 | 110 | 6 | 1 | 41,105 | 37,826 | 1,157 |
| 210 | 116 | 6 | 1 | 41,094 | 36,066 | 1,110 |
| 210 | 122 | 6 | 1 | 40,889 | 36,305 | 1,064 |
| 210 | 128 | 6 | 1 | 40,661 | 37,104 | 1,019 |
| 210 | 134 | 6 | 1 | 40,969 | 35,278 | 0,975 |
| 210 | 140 | 6 | 1 | 40,924 | 35,780 | 0,933 |
| 210 | 146 | 6 | 1 | 40,752 | 36,610 | 0,891 |
| 210 | 152 | 6 | 1 | 41,124 | 33,826 | 0,851 |
| 210 | 158 | 6 | 1 | 40,960 | 31,534 | 0,813 |
| 210 | 164 | 6 | 1 | 41,068 | 31,928 | 0,777 |
| 210 | 170 | 6 | 1 | 41,214 | 31,232 | 0,742 |
| 213 | -97 | 6 | 1 | 41,760 | 20,880 | 0,473 |
| 213 | -91 | 6 | 1 | 42,129 | 21,064 | 0,492 |
| 213 | -85 | 6 | 1 | 41,938 | 25,108 | 0,512 |
| 213 | -79 | 6 | 1 | 41,595 | 23,359 | 0,532 |
| 213 | -73 | 6 | 1 | 41,794 | 25,920 | 0,552 |
| 213 | -67 | 6 | 1 | 41,553 | 26,702 | 0,573 |
| 213 | -61 | 6 | 1 | 41,160 | 28,372 | 0,594 |
| 213 | -55 | 6 | 1 | 41,354 | 30,030 | 0,615 |
| 213 | -49 | 6 | 1 | 41,255 | 28,877 | 0,636 |
| 213 | -43 | 6 | 1 | 40,936 | 31,048 | 0,657 |
| 213 | -37 | 6 | 1 | 40,868 | 31,827 | 0,679 |
| 213 | -31 | 6 | 1 | 41,057 | 30,567 | 0,701 |
| 213 | -25 | 6 | 1 | 41,133 | 31,103 | 0,725 |
| 213 | -19 | 6 | 1 | 41,160 | 33,079 | 0,751 |
| 213 | -13 | 6 | 1 | 41,585 | 33,098 | 0,778 |
| 213 | -7 | 6 | 1 | 42,404 | 32,292 | 0,808 |
| 213 | -1 | 6 | 1 | 43,264 | 33,539 | 0,840 |
| 213 | 5 | 6 | 1 | 44,122 | 34,819 | 0,877 |
| 213 | 11 | 6 | 1 | 44,882 | 35,882 | 0,920 |
| 213 | 17 | 5 | 1 | 45,629 | 36,920 | 0,971 |
| 213 | 23 | 5 | 1 | 46,265 | 37,553 | 1,028 |
| 213 | 29 | 5 | 1 | 46,641 | 38,150 | 1,091 |
| 213 | 35 | 5 | 1 | 46,787 | 41,769 | 1,156 |
| 213 | 41 | 5 | 1 | 46,652 | 42,415 | 1,218 |
| 213 | 47 | 5 | 1 | 46,321 | 42,272 | 1,274 |
| 213 | 53 | 5 | 1 | 45,882 | 42,663 | 1,318 |
| 213 | 59 | 5 | 1 | 45,475 | 43,099 | 1,350 |
| 213 | 65 | 6 | 1 | 45,344 | 43,452 | 1,366 |
| 213 | 71 | 6 | 1 | 45,304 | 43,406 | 1,367 |
| 213 | 77 | 6 | 1 | 45,020 | 42,912 | 1,354 |
| 213 | 83 | 6 | 1 | 44,446 | 42,171 | 1,329 |
| 213 | 89 | 6 | 1 | 43,608 | 41,122 | 1,295 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 213 | 95 | 6 | 1 | 42,567 | 39,768 | 1,256 |
| 213 | 101 | 6 | 1 | 42,106 | 38,416 | 1,212 |
| 213 | 107 | 6 | 1 | 41,612 | 37,528 | 1,167 |
| 213 | 113 | 6 | 1 | 40,996 | 37,473 | 1,121 |
| 213 | 119 | 6 | 1 | 40,919 | 36,832 | 1,075 |
| 213 | 125 | 6 | 1 | 40,914 | 35,163 | 1,030 |
| 213 | 131 | 6 | 1 | 40,606 | 36,702 | 0,987 |
| 213 | 137 | 6 | 1 | 40,774 | 35,931 | 0,945 |
| 213 | 143 | 6 | 1 | 40,903 | 34,752 | 0,904 |
| 213 | 149 | 6 | 1 | 40,555 | 36,665 | 0,864 |
| 213 | 155 | 6 | 1 | 40,943 | 32,781 | 0,826 |
| 213 | 161 | 6 | 1 | 40,926 | 31,987 | 0,789 |
| 213 | 167 | 6 | 1 | 40,786 | 30,920 | 0,754 |
| 216 | -100 | 6 | 1 | 41,706 | 21,013 | 0,460 |
| 216 | -94 | 6 | 1 | 42,021 | 21,011 | 0,478 |
| 216 | -88 | 6 | 1 | 41,650 | 24,223 | 0,496 |
| 216 | -82 | 6 | 1 | 41,667 | 23,527 | 0,516 |
| 216 | -76 | 6 | 1 | 41,691 | 26,832 | 0,536 |
| 216 | -70 | 6 | 1 | 41,257 | 25,010 | 0,555 |
| 216 | -64 | 6 | 1 | 41,321 | 28,746 | 0,576 |
| 216 | -58 | 6 | 1 | 41,334 | 28,348 | 0,596 |
| 216 | -52 | 6 | 1 | 41,037 | 30,083 | 0,616 |
| 216 | -46 | 6 | 1 | 40,845 | 31,574 | 0,636 |
| 216 | -40 | 6 | 1 | 41,024 | 30,089 | 0,657 |
| 216 | -34 | 6 | 1 | 41,007 | 30,306 | 0,679 |
| 216 | -28 | 6 | 1 | 40,853 | 32,416 | 0,702 |
| 216 | -22 | 6 | 1 | 41,116 | 32,221 | 0,726 |
| 216 | -16 | 6 | 1 | 41,654 | 31,151 | 0,752 |
| 216 | -10 | 6 | 1 | 42,203 | 32,970 | 0,779 |
| 216 | -4 | 6 | 1 | 42,801 | 34,624 | 0,809 |
| 216 | 2 | 6 | 1 | 43,729 | 34,675 | 0,843 |
| 216 | 8 | 6 | 1 | 44,730 | 35,270 | 0,882 |
| 216 | 14 | 6 | 1 | 45,503 | 36,267 | 0,928 |
| 216 | 20 | 5 | 1 | 46,388 | 37,008 | 0,980 |
| 216 | 26 | 5 | 1 | 46,946 | 38,956 | 1,039 |
| 216 | 32 | 5 | 1 | 47,181 | 40,743 | 1,102 |
| 216 | 38 | 5 | 1 | 47,142 | 40,449 | 1,164 |
| 216 | 44 | 5 | 1 | 46,906 | 44,298 | 1,222 |
| 216 | 50 | 5 | 1 | 46,553 | 43,675 | 1,271 |
| 216 | 56 | 5 | 1 | 46,142 | 42,978 | 1,310 |
| 216 | 62 | 5 | 1 | 45,685 | 42,282 | 1,334 |
| 216 | 68 | 6 | 1 | 45,303 | 42,020 | 1,344 |
| 216 | 74 | 6 | 1 | 45,262 | 42,166 | 1,339 |
| 216 | 80 | 6 | 1 | 44,956 | 42,161 | 1,321 |
| 216 | 86 | 6 | 1 | 44,399 | 42,078 | 1,294 |
| 216 | 92 | 6 | 1 | 43,643 | 41,050 | 1,259 |
| 216 | 98 | 6 | 1 | 42,735 | 39,756 | 1,218 |
| 216 | 104 | 6 | 1 | 41,721 | 38,851 | 1,175 |
| 216 | 110 | 6 | 1 | 41,489 | 37,160 | 1,131 |
| 216 | 116 | 6 | 1 | 41,099 | 36,333 | 1,086 |
| 216 | 122 | 6 | 1 | 40,610 | 37,515 | 1,041 |
| 216 | 128 | 6 | 1 | 40,817 | 35,619 | 0,998 |
| 216 | 134 | 6 | 1 | 40,693 | 35,669 | 0,956 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 216 | 140 | 6 | 1 | 40,484 | 36,524 | 0,916 |
| 216 | 146 | 6 | 1 | 40,799 | 34,323 | 0,876 |
| 216 | 152 | 6 | 1 | 40,609 | 35,771 | 0,838 |
| 216 | 158 | 6 | 1 | 40,701 | 31,700 | 0,801 |
| 216 | 164 | 6 | 1 | 40,842 | 32,413 | 0,766 |
| 216 | 170 | 6 | 1 | 40,461 | 29,895 | 0,732 |
| 219 | -97 | 6 | 1 | 41,849 | 20,925 | 0,464 |
| 219 | -91 | 6 | 1 | 41,288 | 22,733 | 0,482 |
| 219 | -85 | 6 | 1 | 41,652 | 24,306 | 0,500 |
| 219 | -79 | 6 | 1 | 41,489 | 25,609 | 0,519 |
| 219 | -73 | 6 | 1 | 41,116 | 23,302 | 0,539 |
| 219 | -67 | 6 | 1 | 41,353 | 28,626 | 0,558 |
| 219 | -61 | 6 | 1 | 41,168 | 28,567 | 0,577 |
| 219 | -55 | 6 | 1 | 40,743 | 31,238 | 0,597 |
| 219 | -49 | 6 | 1 | 41,004 | 29,885 | 0,617 |
| 219 | -43 | 6 | 1 | 40,980 | 29,282 | 0,637 |
| 219 | -37 | 6 | 1 | 40,741 | 31,554 | 0,658 |
| 219 | -31 | 6 | 1 | 40,844 | 31,631 | 0,679 |
| 219 | -25 | 6 | 1 | 41,193 | 30,340 | 0,702 |
| 219 | -19 | 6 | 1 | 41,457 | 32,517 | 0,727 |
| 219 | -13 | 6 | 1 | 41,751 | 33,893 | 0,752 |
| 219 | -7 | 6 | 1 | 42,797 | 33,014 | 0,780 |
| 219 | -1 | 6 | 1 | 43,816 | 33,251 | 0,812 |
| 219 | 5 | 6 | 1 | 44,763 | 34,385 | 0,847 |
| 219 | 11 | 6 | 1 | 45,564 | 35,472 | 0,888 |
| 219 | 17 | 6 | 1 | 46,147 | 36,398 | 0,936 |
| 219 | 23 | 5 | 1 | 46,587 | 38,024 | 0,990 |
| 219 | 29 | 5 | 1 | 46,975 | 38,023 | 1,050 |
| 219 | 35 | 5 | 1 | 47,130 | 42,465 | 1,111 |
| 219 | 41 | 5 | 1 | 47,018 | 42,883 | 1,170 |
| 219 | 47 | 5 | 1 | 46,700 | 43,160 | 1,223 |
| 219 | 53 | 5 | 1 | 46,337 | 43,595 | 1,266 |
| 219 | 59 | 5 | 1 | 45,977 | 44,052 | 1,297 |
| 219 | 65 | 6 | 1 | 45,904 | 43,925 | 1,315 |
| 219 | 71 | 6 | 1 | 45,770 | 43,350 | 1,319 |
| 219 | 77 | 6 | 1 | 45,426 | 42,680 | 1,309 |
| 219 | 83 | 6 | 1 | 44,807 | 41,815 | 1,288 |
| 219 | 89 | 6 | 1 | 43,928 | 40,684 | 1,258 |
| 219 | 95 | 6 | 1 | 43,356 | 40,141 | 1,222 |
| 219 | 101 | 6 | 1 | 42,663 | 39,152 | 1,182 |
| 219 | 107 | 6 | 1 | 41,836 | 38,023 | 1,139 |
| 219 | 113 | 6 | 1 | 41,213 | 37,911 | 1,095 |
| 219 | 119 | 6 | 1 | 41,066 | 35,875 | 1,052 |
| 219 | 125 | 6 | 1 | 40,649 | 36,584 | 1,009 |
| 219 | 131 | 6 | 1 | 40,603 | 36,288 | 0,967 |
| 219 | 137 | 6 | 1 | 40,678 | 34,562 | 0,927 |
| 219 | 143 | 6 | 1 | 40,304 | 36,414 | 0,888 |
| 219 | 149 | 6 | 1 | 40,617 | 34,885 | 0,850 |
| 219 | 155 | 6 | 1 | 40,597 | 34,825 | 0,813 |
| 219 | 161 | 6 | 1 | 40,401 | 30,590 | 0,778 |
| 219 | 167 | 6 | 1 | 40,711 | 32,811 | 0,744 |
| 222 | -100 | 6 | 1 | 41,615 | 20,807 | 0,451 |
| 222 | -94 | 6 | 1 | 41,274 | 21,261 | 0,468 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 222 | -88 | 6 | 1 | 41,554 | 23,622 | 0,486 |
| 222 | -82 | 6 | 1 | 41,191 | 24,015 | 0,504 |
| 222 | -76 | 6 | 1 | 41,217 | 23,727 | 0,522 |
| 222 | -70 | 6 | 1 | 41,261 | 26,980 | 0,541 |
| 222 | -64 | 6 | 1 | 40,864 | 27,538 | 0,560 |
| 222 | -58 | 6 | 1 | 40,930 | 29,987 | 0,579 |
| 222 | -52 | 6 | 1 | 40,990 | 28,119 | 0,598 |
| 222 | -46 | 6 | 1 | 40,747 | 30,476 | 0,617 |
| 222 | -40 | 6 | 1 | 40,668 | 31,307 | 0,637 |
| 222 | -34 | 6 | 1 | 40,945 | 29,798 | 0,658 |
| 222 | -28 | 6 | 1 | 41,040 | 31,582 | 0,680 |
| 222 | -22 | 6 | 1 | 41,058 | 33,101 | 0,703 |
| 222 | -16 | 6 | 1 | 41,873 | 31,937 | 0,727 |
| 222 | -10 | 6 | 1 | 42,650 | 32,533 | 0,753 |
| 222 | -4 | 6 | 1 | 43,415 | 34,281 | 0,782 |
| 222 | 2 | 6 | 1 | 44,176 | 35,393 | 0,814 |
| 222 | 8 | 6 | 1 | 45,254 | 35,047 | 0,851 |
| 222 | 14 | 6 | 1 | 46,088 | 35,665 | 0,894 |
| 222 | 20 | 5 | 1 | 46,680 | 36,334 | 0,944 |
| 222 | 26 | 5 | 1 | 47,235 | 39,314 | 1,000 |
| 222 | 32 | 5 | 1 | 47,494 | 41,164 | 1,059 |
| 222 | 38 | 5 | 1 | 47,495 | 40,780 | 1,118 |
| 222 | 44 | 5 | 1 | 47,295 | 44,810 | 1,172 |
| 222 | 50 | 5 | 1 | 46,955 | 44,093 | 1,220 |
| 222 | 56 | 5 | 1 | 46,521 | 43,268 | 1,257 |
| 222 | 62 | 5 | 1 | 46,009 | 42,713 | 1,282 |
| 222 | 68 | 6 | 1 | 46,023 | 43,140 | 1,294 |
| 222 | 74 | 6 | 1 | 45,949 | 43,377 | 1,292 |
| 222 | 80 | 6 | 1 | 45,619 | 43,428 | 1,278 |
| 222 | 86 | 6 | 1 | 45,016 | 42,660 | 1,254 |
| 222 | 92 | 6 | 1 | 44,156 | 41,368 | 1,223 |
| 222 | 98 | 6 | 1 | 43,069 | 39,898 | 1,186 |
| 222 | 104 | 6 | 1 | 42,386 | 38,541 | 1,146 |
| 222 | 110 | 6 | 1 | 41,814 | 37,453 | 1,104 |
| 222 | 116 | 6 | 1 | 41,038 | 37,578 | 1,061 |
| 222 | 122 | 6 | 1 | 40,902 | 36,583 | 1,019 |
| 222 | 128 | 6 | 1 | 40,704 | 35,466 | 0,978 |
| 222 | 134 | 6 | 1 | 40,280 | 36,891 | 0,938 |
| 222 | 140 | 6 | 1 | 40,565 | 34,739 | 0,899 |
| 222 | 146 | 6 | 1 | 40,373 | 35,441 | 0,861 |
| 222 | 152 | 6 | 1 | 40,359 | 35,401 | 0,824 |
| 222 | 158 | 6 | 1 | 40,521 | 33,835 | 0,789 |
| 222 | 164 | 6 | 1 | 40,047 | 29,520 | 0,755 |
| 222 | 170 | 6 | 1 | 40,533 | 32,357 | 0,722 |
| 225 | -97 | 6 | 1 | 41,282 | 20,641 | 0,455 |
| 225 | -91 | 6 | 1 | 41,377 | 23,903 | 0,472 |
| 225 | -85 | 6 | 1 | 40,802 | 22,424 | 0,489 |
| 225 | -79 | 6 | 1 | 41,215 | 24,606 | 0,507 |
| 225 | -73 | 6 | 1 | 41,051 | 25,304 | 0,525 |
| 225 | -67 | 6 | 1 | 40,721 | 27,870 | 0,543 |
| 225 | -61 | 6 | 1 | 40,970 | 28,302 | 0,561 |
| 225 | -55 | 6 | 1 | 40,811 | 29,107 | 0,579 |
| 225 | -49 | 6 | 1 | 40,486 | 31,260 | 0,598 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 225 | -43 | 6 | 1 | 40,798 | 29,528 | 0,617 |
| 225 | -37 | 6 | 1 | 40,837 | 30,387 | 0,637 |
| 225 | -31 | 6 | 1 | 40,669 | 32,632 | 0,658 |
| 225 | -25 | 6 | 1 | 41,215 | 31,240 | 0,680 |
| 225 | -19 | 6 | 1 | 41,739 | 32,022 | 0,703 |
| 225 | -13 | 6 | 1 | 42,195 | 34,187 | 0,727 |
| 225 | -7 | 6 | 1 | 43,194 | 33,732 | 0,754 |
| 225 | -1 | 6 | 1 | 44,348 | 32,911 | 0,783 |
| 225 | 5 | 6 | 1 | 45,371 | 33,942 | 0,817 |
| 225 | 11 | 6 | 1 | 46,207 | 34,933 | 0,856 |
| 225 | 17 | 6 | 1 | 46,808 | 35,752 | 0,901 |
| 225 | 23 | 6 | 1 | 47,149 | 38,436 | 0,952 |
| 225 | 29 | 6 | 1 | 47,233 | 38,295 | 1,008 |
| 225 | 35 | 5 | 1 | 47,333 | 43,115 | 1,066 |
| 225 | 41 | 5 | 1 | 47,243 | 43,275 | 1,122 |
| 225 | 47 | 5 | 1 | 47,045 | 44,005 | 1,172 |
| 225 | 53 | 5 | 1 | 46,749 | 44,478 | 1,214 |
| 225 | 59 | 6 | 1 | 46,558 | 44,811 | 1,245 |
| 225 | 65 | 6 | 1 | 46,401 | 44,057 | 1,264 |
| 225 | 71 | 6 | 1 | 46,137 | 43,262 | 1,270 |
| 225 | 77 | 6 | 1 | 45,684 | 42,379 | 1,263 |
| 225 | 83 | 6 | 1 | 45,269 | 41,831 | 1,246 |
| 225 | 89 | 6 | 1 | 44,771 | 41,801 | 1,220 |
| 225 | 95 | 6 | 1 | 44,057 | 40,851 | 1,188 |
| 225 | 101 | 6 | 1 | 43,143 | 39,797 | 1,151 |
| 225 | 107 | 6 | 1 | 42,026 | 38,879 | 1,111 |
| 225 | 113 | 6 | 1 | 41,642 | 37,319 | 1,070 |
| 225 | 119 | 6 | 1 | 41,111 | 36,436 | 1,029 |
| 225 | 125 | 6 | 1 | 40,614 | 37,215 | 0,988 |
| 225 | 131 | 6 | 1 | 40,647 | 35,022 | 0,948 |
| 225 | 137 | 6 | 1 | 40,263 | 36,087 | 0,909 |
| 225 | 143 | 6 | 1 | 40,359 | 35,334 | 0,871 |
| 225 | 149 | 6 | 1 | 40,362 | 34,409 | 0,835 |
| 225 | 155 | 6 | 1 | 40,030 | 35,869 | 0,800 |
| 225 | 161 | 6 | 1 | 40,384 | 32,806 | 0,766 |
| 225 | 167 | 6 | 1 | 40,014 | 29,981 | 0,733 |
| 228 | -100 | 6 | 1 | 41,225 | 20,613 | 0,442 |
| 228 | -94 | 6 | 1 | 41,123 | 23,694 | 0,458 |
| 228 | -88 | 6 | 1 | 40,891 | 21,918 | 0,475 |
| 228 | -82 | 6 | 1 | 41,113 | 25,460 | 0,492 |
| 228 | -76 | 6 | 1 | 40,728 | 23,615 | 0,509 |
| 228 | -70 | 6 | 1 | 40,833 | 28,158 | 0,527 |
| 228 | -64 | 6 | 1 | 40,867 | 27,380 | 0,544 |
| 228 | -58 | 6 | 1 | 40,476 | 30,195 | 0,562 |
| 228 | -52 | 6 | 1 | 40,659 | 29,552 | 0,580 |
| 228 | -46 | 6 | 1 | 40,743 | 28,978 | 0,598 |
| 228 | -40 | 6 | 1 | 40,531 | 31,519 | 0,617 |
| 228 | -34 | 6 | 1 | 40,781 | 30,839 | 0,637 |
| 228 | -28 | 6 | 1 | 41,158 | 30,924 | 0,658 |
| 228 | -22 | 6 | 1 | 41,373 | 33,343 | 0,680 |
| 228 | -16 | 6 | 1 | 42,111 | 32,702 | 0,703 |
| 228 | -10 | 6 | 1 | 43,103 | 32,041 | 0,728 |
| 228 | -4 | 6 | 1 | 44,017 | 33,861 | 0,755 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 228 | 2 | 6 | 1 | 44,845 | 35,435 | 0,785 |
| 228 | 8 | 6 | 1 | 45,731 | 35,666 | 0,821 |
| 228 | 14 | 6 | 1 | 46,625 | 35,350 | 0,861 |
| 228 | 20 | 6 | 1 | 47,251 | 35,555 | 0,908 |
| 228 | 26 | 6 | 1 | 47,618 | 39,606 | 0,961 |
| 228 | 32 | 6 | 1 | 47,745 | 41,500 | 1,016 |
| 228 | 38 | 5 | 1 | 47,712 | 41,011 | 1,072 |
| 228 | 44 | 5 | 1 | 47,543 | 45,258 | 1,124 |
| 228 | 50 | 5 | 1 | 47,217 | 44,451 | 1,169 |
| 228 | 56 | 5 | 1 | 46,768 | 43,505 | 1,206 |
| 228 | 62 | 6 | 1 | 46,614 | 43,675 | 1,231 |
| 228 | 68 | 6 | 1 | 46,650 | 44,164 | 1,244 |
| 228 | 74 | 6 | 1 | 46,503 | 44,465 | 1,245 |
| 228 | 80 | 6 | 1 | 46,109 | 43,788 | 1,234 |
| 228 | 86 | 6 | 1 | 45,436 | 42,656 | 1,214 |
| 228 | 92 | 6 | 1 | 44,478 | 41,344 | 1,186 |
| 228 | 98 | 6 | 1 | 43,659 | 39,869 | 1,153 |
| 228 | 104 | 6 | 1 | 42,988 | 39,003 | 1,117 |
| 228 | 110 | 6 | 1 | 42,102 | 38,038 | 1,078 |
| 228 | 116 | 6 | 1 | 41,331 | 38,023 | 1,037 |
| 228 | 122 | 6 | 1 | 41,061 | 35,773 | 0,997 |
| 228 | 128 | 6 | 1 | 40,442 | 36,787 | 0,957 |
| 228 | 134 | 6 | 1 | 40,482 | 35,651 | 0,919 |
| 228 | 140 | 6 | 1 | 40,308 | 35,024 | 0,881 |
| 228 | 146 | 6 | 1 | 40,064 | 35,876 | 0,845 |
| 228 | 152 | 6 | 1 | 40,272 | 33,346 | 0,810 |
| 228 | 158 | 6 | 1 | 39,835 | 35,629 | 0,776 |
| 228 | 164 | 6 | 1 | 40,189 | 31,744 | 0,743 |
| 228 | 170 | 6 | 1 | 39,986 | 30,417 | 0,712 |
| 231 | -97 | 6 | 1 | 40,796 | 22,237 | 0,445 |
| 231 | -91 | 6 | 1 | 40,902 | 22,647 | 0,461 |
| 231 | -85 | 6 | 1 | 40,915 | 24,611 | 0,478 |
| 231 | -79 | 6 | 1 | 40,464 | 21,987 | 0,495 |
| 231 | -73 | 6 | 1 | 40,823 | 27,208 | 0,511 |
| 231 | -67 | 6 | 1 | 40,628 | 26,985 | 0,528 |
| 231 | -61 | 6 | 1 | 40,436 | 29,891 | 0,545 |
| 231 | -55 | 6 | 1 | 40,669 | 27,775 | 0,563 |
| 231 | -49 | 6 | 1 | 40,509 | 30,066 | 0,580 |
| 231 | -43 | 6 | 1 | 40,452 | 30,720 | 0,598 |
| 231 | -37 | 6 | 1 | 40,804 | 29,490 | 0,617 |
| 231 | -31 | 6 | 1 | 40,897 | 32,072 | 0,637 |
| 231 | -25 | 6 | 1 | 41,236 | 32,101 | 0,658 |
| 231 | -19 | 6 | 1 | 42,025 | 31,536 | 0,680 |
| 231 | -13 | 6 | 1 | 42,695 | 33,774 | 0,703 |
| 231 | -7 | 6 | 1 | 43,575 | 34,449 | 0,728 |
| 231 | -1 | 6 | 1 | 44,846 | 33,554 | 0,756 |
| 231 | 5 | 6 | 1 | 45,934 | 33,406 | 0,788 |
| 231 | 11 | 6 | 1 | 46,803 | 34,284 | 0,825 |
| 231 | 17 | 6 | 1 | 47,420 | 35,012 | 0,867 |
| 231 | 23 | 6 | 1 | 47,768 | 38,787 | 0,916 |
| 231 | 29 | 6 | 1 | 47,850 | 38,487 | 0,968 |
| 231 | 35 | 6 | 1 | 47,680 | 43,713 | 1,023 |
| 231 | 41 | 6 | 1 | 47,528 | 43,578 | 1,076 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 231 | 47 | 6 | 1 | 47,482 | 44,802 | 1,123 |
| 231 | 53 | 6 | 1 | 47,345 | 45,312 | 1,164 |
| 231 | 59 | 6 | 1 | 47,135 | 45,090 | 1,194 |
| 231 | 65 | 6 | 1 | 46,842 | 44,154 | 1,214 |
| 231 | 71 | 6 | 1 | 46,424 | 43,144 | 1,222 |
| 231 | 77 | 6 | 1 | 46,298 | 42,860 | 1,218 |
| 231 | 83 | 6 | 1 | 46,001 | 43,119 | 1,204 |
| 231 | 89 | 6 | 1 | 45,431 | 42,373 | 1,182 |
| 231 | 95 | 6 | 1 | 44,593 | 41,347 | 1,153 |
| 231 | 101 | 6 | 1 | 43,495 | 39,882 | 1,120 |
| 231 | 107 | 6 | 1 | 42,638 | 38,864 | 1,083 |
| 231 | 113 | 6 | 1 | 42,023 | 37,343 | 1,045 |
| 231 | 119 | 6 | 1 | 41,121 | 37,646 | 1,006 |
| 231 | 125 | 6 | 1 | 40,893 | 36,431 | 0,967 |
| 231 | 131 | 6 | 1 | 40,508 | 35,696 | 0,928 |
| 231 | 137 | 6 | 1 | 40,212 | 36,225 | 0,891 |
| 231 | 143 | 6 | 1 | 40,261 | 33,894 | 0,855 |
| 231 | 149 | 6 | 1 | 39,736 | 35,984 | 0,820 |
| 231 | 155 | 6 | 1 | 40,109 | 33,877 | 0,786 |
| 231 | 161 | 6 | 1 | 39,857 | 34,703 | 0,753 |
| 231 | 167 | 6 | 1 | 39,938 | 30,655 | 0,722 |
| 234 | -100 | 6 | 1 | 40,399 | 20,804 | 0,433 |
| 234 | -94 | 6 | 1 | 40,835 | 22,859 | 0,448 |
| 234 | -88 | 6 | 1 | 40,626 | 23,043 | 0,464 |
| 234 | -82 | 6 | 1 | 40,557 | 22,803 | 0,480 |
| 234 | -76 | 6 | 1 | 40,697 | 25,553 | 0,496 |
| 234 | -70 | 6 | 1 | 40,261 | 27,258 | 0,513 |
| 234 | -64 | 6 | 1 | 40,527 | 28,212 | 0,529 |
| 234 | -58 | 6 | 1 | 40,522 | 28,352 | 0,546 |
| 234 | -52 | 6 | 1 | 40,108 | 30,890 | 0,563 |
| 234 | -46 | 6 | 1 | 40,551 | 28,913 | 0,580 |
| 234 | -40 | 6 | 1 | 40,638 | 30,552 | 0,599 |
| 234 | -34 | 6 | 1 | 40,572 | 31,823 | 0,617 |
| 234 | -28 | 6 | 1 | 41,248 | 30,379 | 0,637 |
| 234 | -22 | 6 | 1 | 41,715 | 32,898 | 0,658 |
| 234 | -16 | 6 | 1 | 42,366 | 33,453 | 0,679 |
| 234 | -10 | 6 | 1 | 43,550 | 32,203 | 0,703 |
| 234 | -4 | 6 | 1 | 44,594 | 33,345 | 0,728 |
| 234 | 2 | 6 | 1 | 45,490 | 35,020 | 0,757 |
| 234 | 8 | 6 | 1 | 46,213 | 36,265 | 0,791 |
| 234 | 14 | 6 | 1 | 47,105 | 35,798 | 0,829 |
| 234 | 20 | 6 | 1 | 47,786 | 35,381 | 0,873 |
| 234 | 26 | 6 | 1 | 48,199 | 39,830 | 0,923 |
| 234 | 32 | 6 | 1 | 48,359 | 41,750 | 0,975 |
| 234 | 38 | 6 | 1 | 48,288 | 41,538 | 1,028 |
| 234 | 44 | 6 | 1 | 48,017 | 45,628 | 1,077 |
| 234 | 50 | 6 | 1 | 47,581 | 44,730 | 1,120 |
| 234 | 56 | 6 | 1 | 47,191 | 43,898 | 1,156 |
| 234 | 62 | 6 | 1 | 47,263 | 44,571 | 1,181 |
| 234 | 68 | 6 | 1 | 47,198 | 45,099 | 1,195 |
| 234 | 74 | 6 | 1 | 46,943 | 44,673 | 1,198 |
| 234 | 80 | 6 | 1 | 46,445 | 43,612 | 1,190 |
| 234 | 86 | 6 | 1 | 45,668 | 42,346 | 1,174 |

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Załącznik nr 21

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

| | | | | | | |
|-----|-----|---|---|--------|--------|-------|
| 234 | 92 | 6 | 1 | 45,011 | 41,342 | 1,150 |
| 234 | 98 | 6 | 1 | 44,378 | 40,539 | 1,120 |
| 234 | 104 | 6 | 1 | 43,489 | 39,611 | 1,087 |
| 234 | 110 | 6 | 1 | 42,329 | 38,874 | 1,051 |
| 234 | 116 | 6 | 1 | 41,803 | 37,450 | 1,013 |
| 234 | 122 | 6 | 1 | 41,158 | 36,498 | 0,975 |
| 234 | 128 | 6 | 1 | 40,612 | 37,018 | 0,937 |
| 234 | 134 | 6 | 1 | 40,473 | 34,593 | 0,900 |
| 234 | 140 | 6 | 1 | 39,844 | 36,406 | 0,864 |
| 234 | 146 | 6 | 1 | 40,125 | 34,350 | 0,830 |
| 234 | 152 | 6 | 1 | 39,800 | 35,011 | 0,796 |
| 234 | 158 | 6 | 1 | 39,875 | 34,367 | 0,763 |
| 234 | 164 | 6 | 1 | 39,817 | 33,735 | 0,732 |
| 234 | 170 | 6 | 1 | 39,633 | 29,547 | 0,702 |
| 237 | -97 | 6 | 1 | 40,690 | 23,101 | 0,436 |
| 237 | -91 | 6 | 1 | 40,250 | 21,491 | 0,451 |
| 237 | -85 | 6 | 1 | 40,552 | 23,604 | 0,466 |
| 237 | -79 | 6 | 1 | 40,459 | 23,887 | 0,482 |
| 237 | -73 | 6 | 1 | 40,208 | 27,497 | 0,498 |
| 237 | -67 | 6 | 1 | 40,481 | 26,489 | 0,514 |
| 237 | -61 | 6 | 1 | 40,225 | 29,356 | 0,530 |
| 237 | -55 | 6 | 1 | 40,287 | 29,173 | 0,546 |
| 237 | -49 | 6 | 1 | 40,478 | 28,831 | 0,563 |
| 237 | -43 | 6 | 1 | 40,290 | 31,569 | 0,580 |
| 237 | -37 | 6 | 1 | 40,692 | 29,983 | 0,599 |
| 237 | -31 | 6 | 1 | 41,069 | 31,511 | 0,617 |
| 237 | -25 | 6 | 1 | 41,278 | 32,926 | 0,637 |
| 237 | -19 | 6 | 1 | 42,323 | 31,413 | 0,657 |
| 237 | -13 | 6 | 1 | 43,194 | 33,283 | 0,679 |
| 237 | -7 | 6 | 1 | 43,922 | 35,166 | 0,703 |
| 237 | -1 | 6 | 1 | 45,293 | 34,196 | 0,729 |
| 237 | 5 | 6 | 1 | 46,442 | 33,306 | 0,759 |
| 237 | 11 | 6 | 1 | 47,344 | 33,550 | 0,794 |
| 237 | 17 | 6 | 1 | 47,976 | 34,637 | 0,834 |
| 237 | 23 | 6 | 1 | 48,329 | 39,080 | 0,880 |
| 237 | 29 | 6 | 1 | 48,405 | 38,601 | 0,930 |
| 237 | 35 | 6 | 1 | 48,214 | 44,257 | 0,981 |
| 237 | 41 | 6 | 1 | 48,183 | 43,785 | 1,031 |
| 237 | 47 | 6 | 1 | 48,142 | 45,547 | 1,076 |
| 237 | 53 | 6 | 1 | 47,963 | 46,093 | 1,115 |
| 237 | 59 | 6 | 1 | 47,660 | 45,307 | 1,145 |
| 237 | 65 | 6 | 1 | 47,228 | 44,201 | 1,165 |
| 237 | 71 | 6 | 1 | 47,023 | 43,501 | 1,174 |
| 237 | 77 | 6 | 1 | 46,929 | 43,988 | 1,173 |
| 237 | 83 | 6 | 1 | 46,561 | 43,605 | 1,163 |
| 237 | 89 | 6 | 1 | 45,899 | 42,616 | 1,144 |
| 237 | 95 | 6 | 1 | 44,937 | 41,281 | 1,119 |
| 237 | 101 | 6 | 1 | 43,883 | 40,261 | 1,089 |
| 237 | 107 | 6 | 1 | 43,263 | 38,776 | 1,055 |
| 237 | 113 | 6 | 1 | 42,351 | 37,910 | 1,020 |
| 237 | 119 | 6 | 1 | 41,455 | 38,123 | 0,983 |
| 237 | 125 | 6 | 1 | 41,084 | 35,704 | 0,946 |
| 237 | 131 | 6 | 1 | 40,284 | 36,936 | 0,909 |

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Załącznik nr 21

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

| | | | | | | |
|-----|------|---|---|--------|--------|-------|
| 237 | 137 | 6 | 1 | 40,338 | 35,178 | 0,873 |
| 237 | 143 | 6 | 1 | 39,916 | 35,390 | 0,839 |
| 237 | 149 | 6 | 1 | 39,903 | 34,879 | 0,805 |
| 237 | 155 | 6 | 1 | 39,791 | 33,982 | 0,773 |
| 237 | 161 | 6 | 1 | 39,573 | 34,816 | 0,741 |
| 237 | 167 | 6 | 1 | 39,720 | 32,729 | 0,711 |
| 240 | -100 | 6 | 1 | 40,471 | 23,142 | 0,424 |
| 240 | -94 | 6 | 1 | 40,029 | 20,766 | 0,438 |
| 240 | -88 | 6 | 1 | 40,452 | 24,387 | 0,453 |
| 240 | -82 | 6 | 1 | 40,114 | 22,227 | 0,468 |
| 240 | -76 | 6 | 1 | 40,273 | 27,389 | 0,484 |
| 240 | -70 | 6 | 1 | 40,303 | 26,660 | 0,499 |
| 240 | -64 | 6 | 1 | 39,902 | 29,750 | 0,515 |
| 240 | -58 | 6 | 1 | 40,313 | 27,396 | 0,530 |
| 240 | -52 | 6 | 1 | 40,240 | 29,809 | 0,546 |
| 240 | -46 | 6 | 1 | 40,229 | 30,084 | 0,563 |
| 240 | -40 | 6 | 1 | 40,639 | 29,821 | 0,580 |
| 240 | -34 | 6 | 1 | 40,708 | 32,550 | 0,598 |
| 240 | -28 | 6 | 1 | 41,337 | 31,024 | 0,617 |
| 240 | -22 | 6 | 1 | 42,057 | 32,432 | 0,636 |
| 240 | -16 | 6 | 1 | 42,621 | 34,195 | 0,657 |
| 240 | -10 | 6 | 1 | 43,975 | 32,878 | 0,679 |
| 240 | -4 | 6 | 1 | 45,132 | 32,724 | 0,703 |
| 240 | 2 | 6 | 1 | 46,088 | 34,502 | 0,730 |
| 240 | 8 | 6 | 1 | 46,824 | 36,107 | 0,762 |
| 240 | 14 | 6 | 1 | 47,521 | 36,211 | 0,798 |
| 240 | 20 | 6 | 1 | 48,260 | 35,598 | 0,840 |
| 240 | 26 | 6 | 1 | 48,720 | 39,986 | 0,886 |
| 240 | 32 | 6 | 1 | 48,911 | 41,918 | 0,936 |
| 240 | 38 | 6 | 1 | 48,853 | 42,041 | 0,985 |
| 240 | 44 | 6 | 1 | 48,566 | 45,910 | 1,032 |
| 240 | 50 | 6 | 1 | 48,080 | 44,916 | 1,074 |
| 240 | 56 | 6 | 1 | 47,859 | 44,696 | 1,108 |
| 240 | 62 | 6 | 1 | 47,852 | 45,403 | 1,133 |
| 240 | 68 | 6 | 1 | 47,675 | 45,441 | 1,148 |
| 240 | 74 | 6 | 1 | 47,287 | 44,512 | 1,152 |
| 240 | 80 | 6 | 1 | 46,651 | 43,282 | 1,148 |
| 240 | 86 | 6 | 1 | 46,182 | 42,562 | 1,134 |
| 240 | 92 | 6 | 1 | 45,704 | 41,889 | 1,114 |
| 240 | 98 | 6 | 1 | 44,927 | 41,064 | 1,088 |
| 240 | 104 | 6 | 1 | 43,843 | 39,743 | 1,057 |
| 240 | 110 | 6 | 1 | 42,852 | 39,112 | 1,024 |
| 240 | 116 | 6 | 1 | 42,222 | 37,187 | 0,989 |
| 240 | 122 | 6 | 1 | 41,225 | 37,687 | 0,953 |
| 240 | 128 | 6 | 1 | 40,903 | 36,328 | 0,918 |
| 240 | 134 | 6 | 1 | 40,347 | 35,870 | 0,882 |
| 240 | 140 | 6 | 1 | 40,107 | 35,714 | 0,848 |
| 240 | 146 | 6 | 1 | 39,916 | 34,307 | 0,814 |
| 240 | 152 | 6 | 1 | 39,600 | 35,363 | 0,782 |
| 240 | 158 | 6 | 1 | 39,710 | 32,906 | 0,750 |
| 240 | 164 | 6 | 1 | 39,207 | 35,225 | 0,720 |
| 240 | 170 | 6 | 1 | 39,568 | 31,694 | 0,691 |

Wielkości maksymalne

>> A L G O R <<

Załącznik nr 21

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

| | | | | | | |
|----|-----|---|---|--------|--------|-------|
| 12 | 140 | 5 | 1 | 58,031 | | |
| 6 | 164 | | | | 53,697 | |
| 69 | 53 | | | | | 2,378 |

>> A L G O R <<

Załącznik nr 21

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

>> A L G O R <<

Załącznik nr 21

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