##

## Frekvenser for GSM-R

GSM-R benytter følgende frekvensbånd:

Opp-link: 876 - 880 MHz

Ned-link: 921 - 925 MHz.

|  |  |  |
| --- | --- | --- |
| **Kanal nummer**  | **Senderfrekvens basestasjon**  | **Mottakerfrekvens basestasjon**  |
| 955  | 921.2 MHz  | 876.2 MHz  |
| 956  | 921.4 MHz  | 876.4 MHz  |
| 957  | 921.6 MHz  | 876.6 MHz  |
| 958  | 921.8 MHz  | 876.8 MHz  |
| 959  | 922.0 MHz  | 877.0 MHz  |
| 960  | 922.2 MHz  | 877.2 MHz  |
| 961  | 922.4 MHz  | 877.4 MHz  |
| 962  | 922.6 MHz  | 877.6 MHz  |
| 963  | 922.8 MHz  | 877.8 MHz  |
| 964  | 923.0 MHz  | 878.0 MHz  |
| 965  | 923.2 MHz  | 878.2 MHz  |
| 966  | 923.3 MHz  | 878.4 MHz  |
| 967  | 923.6 MHz  | 878.6 MHz  |
| 968  | 923.8 MHz  | 878.8 MHz  |
| 969  | 924.0 MHz  | 879.0 MHz  |
| 970  | 924.2 MHz  | 879.2 MHz  |
| 971  | 924.4 MHz  | 879.4 MHz  |
| 972  | 924.6 MHz  | 879.6 MHz  |
| 973  | 924.8 MHz  | 879.8 MHz  |

Post- og teletilsynets frekvenstillatelse har nummer 1000760 og utløper 1.juli 2015.

**Jernbaneverkets vedtatte frekvensplan for GSM-R**

**- Frekvensplan med 8 frekvensgrupper:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **A1**  | **A2**  | **A3**  | **A4**  | **A5**  | **A6**  | **A7**  | **A8**  |
| BCCH  | 956  | 965  | 958  | 967  | 960  | 969  | 962  | 972  |
| TCH1  | 964  | 957  | 966  | 959  | 968  | 961  | 970  | 963  |

Ledige kanaler: 955, 971 og 973.

**- Frekvensplan med 9 frekvensgrupper:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **A1**  | **B1**  | **C1**  | **D1**  | **B2**  | **C2**  | **D2**  | **A2**  | **A3**  |
| BCCH  | 955  | 957  | 959  | 961  | 963  | 965  | 967  | 969  | 971  |
| TCH1  | 964  | 966  | 968  | 970  | 972  | 956  | 958  | 960  | 962  |

Ledig kanal: 973.