## 

## 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.