

MR-90 ENG Systems

Non-Interference Frequency List

Frequency Code: **ACTB-680B / ACTC-680B**

Frequency Range: **668~692 MHz**

VERSION: 3

GROUP 6C

| Group | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------|---------|---------------|---------|---------|---------|--------------|---------|----------------|---------|---------|
| Channel | TV CH | TV CH | TV CH | TV CH | TV CH | TV CH | TV CH | TV CH | TV CH | TV CH |
| 1 | 669.525 | 669.275 | 669.525 | 669.775 | 670.025 | 669.525 | 669.725 | 672.400 | 672.525 | 672.000 |
| | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| 2 | 670.050 | 670.075 | 670.325 | 670.575 | 670.825 | 670.050 | 670.250 | 674.000 | 674.125 | 680.000 |
| | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 48/49 |
| 3 | 671.025 | 676.400 | 676.650 | 676.900 | 677.150 | 671.025 | 671.225 | 675.175 | 673.300 | 688.000 |
| | 47 | 48 | 48 | 48 | 48 | 47 | 47 | 48 | 48 | 50 |
| 4 | 671.450 | 681.225 | 681.475 | 681.725 | 681.975 | 671.450 | 671.650 | 676.950 | 677.075 | |
| | 47 | 49 | 49 | 49 | 49 | 47 | 47 | 48 | 48 | |
| 5 | 674.150 | 684.800 | 685.050 | 685.300 | 685.550 | 674.150 | 674.350 | 677.425 | 677.550 | |
| | 48 | 49 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | |
| 6 | 674.675 | 687.125 | 687.375 | 687.625 | 687.875 | 674.675 | 674.875 | 678.500 | 678.625 | |
| | 48 | 50 | 50 | 50 | 50 | 48 | 48 | 48 | 48 | |
| 7 | 675.725 | 688.900 | 689.150 | 689.400 | 689.650 | 675.725 | 675.925 | 679.225 | 679.350 | |
| | 48 | 50 | 50 | 50 | 50 | 48 | 48 | 48 | 48 | |
| 8 | 676.175 | 690.125 | 690.375 | 690.625 | 690.875 | 676.175 | 676.375 | 680.275 | 680.400 | |
| | 48 | 50 | 50 | 50 | 50 | 48 | 48 | 49 | 49 | |
| 9 | 683.675 | | | | | 683.675 | 683.875 | 680.550 | 680.675 | |
| | 49 | | | | | 49 | 49 | 49 | 49 | |
| 10 | 684.100 | | | | | 684.100 | 684.300 | 683.950 | 684.075 | |
| | 49 | | | | | 49 | 49 | 49 | 49 | |
| 11 | 685.275 | | | | | 685.275 | 685.475 | 684.925 | 685.050 | |
| | 49 | | | | | 49 | 49 | 49 | 49 | |
| 12 | 685.825 | | | | | 685.825 | 686.025 | 685.175 | 685.300 | |
| | 49 | | | | | 49 | 50 | 49 | 49 | |
| 13 | 688.400 | | | | | 688.400 | 688.600 | 685.625 | 685.750 | |
| | 50 | | | | | 50 | 50 | 49 | 49 | |
| 14 | 688.925 | | | | | 688.925 | 689.125 | 686.900 | 687.025 | |
| | 50 | | | | | 50 | 50 | 50 | 50 | |
| 15 | 690.050 | | | | | 690.050 | 690.250 | 688.375 | 688.500 | |
| | 50 | | | | | 50 | 50 | 50 | 50 | |
| 16 | 690.475 | | | | | 690.475 | 690.675 | 689.100 | 689.225 | |
| | 50 | | | | | 50 | 50 | 50 | 50 | |
| SPACE 0.2MHz | | SPACE 0.25MHz | | | | SPACE 0.2MHz | | SPACE 0.125MHz | | Test |

****** Remarks:**

- Test Frequencies: (Low): 91→(672.000MHz), (Center): 92→(680.000MHz), (High): 93→(688.000MHz)
- Interference might occur among groups. To reach interference-free operation, please use frequencies in the same group (ex. Group 1 only, Group 2 only, etc.)
- If interference occurs while using same group, please use another group for ALL receivers.
- Group 9 is for testing purposes. Please do not use the 3 channels simultaneously.

8 channel non-interference operation:

Each group has 8 non-interference channels from Group 2 to Group 4. When microphones are at least **3 meters** away from receivers, non-interference operation can be achieved.

16 channel non-interference operation:

Each group has 16 non-interference channels from Group 5 to Group 8. When microphones are at least **5 meters** away from receivers, non-interference operation can be achieved.

32 channel non-interference operation:

Group 7 or **Group 8** of different bands (same color in **BLUE** or **RED**) can be combined as 32 non-interference channels. When microphones are at least **8 meters** away from receivers, non-interference operation can be achieved.