

MR-90 ENG Systems

Non-Interference Frequency List

Frequency Code: **ACTB-656B / ACTC-656B**

Frequency Range: **644~668 MHz**

VERSION: 3

GROUP 6B

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	645.525	645.275	645.525	645.775	646.025	645.525	645.725	648.400	648.525	648.000
	43	43	43	43	43	43	43	43	43	43
2	646.050	646.075	646.325	646.575	646.825	646.050	646.250	650.000	650.125	656.000
	43	43	43	43	43	43	43	43	43	44/45
3	647.025	652.400	652.650	652.900	653.150	647.025	647.225	651.175	651.300	664.000
	43	44	44	44	44	43	43	44	44	46
4	647.450	657.225	657.475	657.725	657.975	647.450	647.650	652.950	653.075	
	43	45	45	45	45	43	43	44	44	
5	650.150	660.800	661.050	661.300	661.550	650.150	650.350	653.425	653.550	
	44	45	45	45	45	44	44	44	44	
6	650.675	663.125	663.375	663.625	663.875	650.675	650.875	654.500	654.625	
	44	46	46	46	46	44	44	44	44	
7	651.725	664.900	665.150	665.400	665.650	651.725	651.925	655.225	655.350	
	44	46	46	46	46	44	44	44	44	
8	652.175	666.125	666.375	666.625	666.875	652.175	652.375	656.275	656.400	
	44	46	46	46	46	44	44	45	45	
9	659.675					659.675	659.875	656.550	656.675	
	45					45	45	45	45	
10	660.100					660.100	660.300	659.950	660.075	
	45					45	45	45	45	
11	661.275					661.275	661.475	660.925	661.050	
	45					45	45	45	45	
12	661.825					661.825	662.025	661.175	661.300	
	45					45	46	45	45	
13	664.400					664.400	664.600	661.625	661.750	
	46					46	46	45	45	
14	664.925					664.925	665.125	662.900	663.025	
	46					46	46	46	46	
15	666.050					666.050	666.250	664.375	664.500	
	46					46	46	46	46	
16	666.475					666.475	666.675	665.100	665.225	
	46					46	46	46	46	
SPACE 0.2MHz		SPACE 0.25MHz			SPACE 0.2MHz			SPACE 0.125MHz		Test

****** Remarks:**

- Test Frequencies: (Low): 91→(648.000MHz), (Center): 92→(656.000MHz), (High): 93→(664.000MHz)
- 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.