

# MR-90 ENG Systems

# Non-Interference Frequency List

Frequency Code: **ACTB-632B / ACTC-632B**

Frequency Range: **620~644 MHz**

**VERSION: 3**

**GROUP 6A**

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	621.525	621.275	621.525	621.775	622.025	621.525	621.725	624.400	624.525	624.000
	39	39	39	39	39	39	39	39	39	39
2	622.050	622.075	622.325	622.575	622.825	622.050	622.250	626.000	626.125	632.000
	39	39	39	39	39	39	39	39	39	40 / 41
3	623.025	628.400	628.650	628.900	629.150	623.025	623.225	627.175	627.300	640.000
	39	40	40	40	40	39	39	40	40	42
4	623.450	633.225	633.475	633.725	633.975	623.450	623.650	628.950	629.075	
	39	41	41	41	41	39	39	40	40	
5	626.150	636.800	637.050	637.300	637.550	626.150	626.350	629.425	629.550	
	40	41	41	41	41	40	40	40	40	
6	626.675	639.125	639.375	639.625	639.875	626.675	626.875	630.500	630.625	
	40	42	42	42	42	40	40	40	40	
7	627.725	640.900	641.150	641.400	641.650	627.725	627.925	631.225	631.350	
	40	42	42	42	42	40	40	40	40	
8	628.175	642.125	642.375	642.625	642.875	628.175	628.375	632.275	632.400	
	40	42	42	42	42	40	40	41	41	
9	635.675					635.675	635.875	632.550	632.675	
	41					41	41	41	41	
10	636.100					636.100	636.300	635.950	636.075	
	41					41	41	41	41	
11	637.275					637.275	637.475	636.925	637.050	
	41					41	41	41	41	
12	637.825					637.825	638.025	637.175	637.300	
	41					41	42	41	41	
13	640.400					640.400	640.600	637.625	637.750	
	42					42	42	41	41	
14	640.925					640.925	641.125	638.900	639.025	
	42					42	42	42	42	
15	642.050					642.050	642.250	640.375	640.500	
	42					42	42	42	42	
16	642.475					642.475	642.675	641.100	641.225	
	42					42	42	42	42	
SPACE 0.2MHz		SPACE 0.25MHz				SPACE 0.2MHz		SPACE 0.125MHz		Test

**\*\*\*\* Remarks:**

- Test Frequencies: (Low): 91→(624.000MHz), (Center): 92→(632.000MHz), (High): 93→(640.000MHz)
- 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.