

TABLE 10: MOBILE ANTENNA DISTANCE MATRIX

Frequency Band in MHz	Center Frequency in MHz	Recommended Antenna Spacing (inches)	Wavelength (inches)	Near-Field Exclusion Zone* (inches)	¼ Wave Length (inches)
130-140	135	65.4	87.3	10.9	21.8
140-150	145	61.2	81.4	10.2	20.4
150-160	155	57.0	76.2	9.5	19.0
160-174	167	53.1	70.7	8.9	17.7
400-430	415	21.3	28.5	3.5	7.1
430-450	440	20.1	26.8	3.4	6.7
450-470	460	19.2	25.7	3.2	6.4
470-490	480	18.6	24.6	3.1	6.2
490-512	501	17.7	23.6	2.9	5.9
764-776	770	19.2	14.8	1.8	3.7
806-821	814	10.8	14.5	1.8	3.6

*NFEZ = Minimum Near-Field Exclusion Zone

**Round antenna spacing to the nearest 1/8"