

Minimum Separation Distance for Mobile or Fixed Devices General Population/Uncontrolled Exposure

Insert values into highlights boxes to determine Minimum Separation Distance

Frequency	462	MHz		equals	Max Power	17000	mW
Max Power	17	Watts		equals	Duty Factor	1	numeric
Duty Factor	100	%		equals	Gain Numeric	1.64059	numeric
Ant Gain	2.15	dBi			Gain - Coax Loss	1.64059	numeric
Cable Loss	0	dB					
Power Density	0.3	mW/cm ²					

Enter Power Density from the chart to the right

Freq Range (MHz)	Power Density mW/cm ²	Enter this value mW/cm ²
0.3-1.34	100	100
1.34-30	180/f ²	0.2
30-300	0.2	0.2
300-1,500	f/1500	0.3
1,500-100,000	1	1

f= frequency in MHz

Minimum Separation Distance	33.54427 in	86.01096 cm	0.86011 m
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