

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
 Max Power 17 Watts
 Duty Factor 100 %
 Ant Gain 2.15 dBi
 Cable Loss 0 dB
 Power Density 0.3 mW/cm²

equals
 equals
 equals

Max Power 17000 mW
 Duty Factor 1 numeric
 Gain Numeric 1.64059 numeric
 Gain - Coax Loss 1.64059 numeric

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