

MPE Exposure Formula:

$$S = (P \times G) / (4 \times \pi \times d^2)$$

where:

S = power density

P = transmitter conducted power in (mW)

G = antenna numeric gain

d = distance to radiation center (m) or $(.02^2) = .020$ m

910.75 MHz

Enter Data in Linear Units					
Gain =	10.0	Numeric	EUT ant.:	10	dBi
Power =	1995	mW	EUT power:	33	dBm
Frequency =	910.75	MHz	MPE limit:	0.607	mW/cm ²
Cable Loss =	0	dB			
EIRP =	19952.62	mW		19952.62	mW
R (cm) =	51.1376902		S (20cm) =	3.969	

915.75 MHz

Enter Data in Linear Units					
Gain =	10.0	Numeric	EUT ant.:	10	dBi
Power =	1995	mW	EUT power:	33	dBm
Frequency =	915.75	MHz	MPE limit:	0.611	mW/cm ²
Cable Loss =	0	dB			
EIRP =	19952.62	mW		19952.62	mW
R (cm) =	50.9978931		S (20cm) =	3.969	

920.75 MHz

Enter Data in Linear Units					
Gain =	10.0	Numeric	EUT ant.:	10	dBi
Power =	1995	mW	EUT power:	33	dBm
Frequency =	920.75	MHz	MPE limit:	0.614	mW/cm ²
Cable Loss =	0	dB			
EIRP =	19952.62	mW		19952.62	mW
R (cm) =	50.8592362		S (20cm) =	3.969	