Prediction of MPE Limit
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Equation used

$$S = \frac{PG}{4 \pi R^2}$$

$$R = \sqrt{\frac{PG}{4\,\mathrm{Pi}\,S}}$$

S= power density
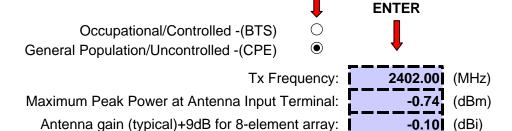**P=** power input to the antenna
G= power gain of the antenna in the direction of interest relative to an isotropic radiator
R= distance to the center of radiation of the antenna

Choose

ENTER

Occupational/Controlled -(BTS) ○
General Population/Uncontrolled -(CPE) ◉

Tx Frequency:	2402.00	(MHz)
Maximum Peak Power at Antenna Input Terminal:	-0.74	(dBm)
Antenna gain (typical)+9dB for 8-element array:	-0.10	(dBi)

S=	1.00	(mW/cm^2)
P=	0.84	(mW)
G=	0.98	(numeric)

R =   0.26   (cm)

The antenna(s) used for this transmitter is an integral non-changeable part of the Keyboard. The calculated values of MPE for this device shows that MPE is safe to within 0.1 inches of the antenna.