

MPE

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

S = power density

P = power input to the antenna

G = antenna gain

R = distance

Conducted output power:	10.0	(dBm)
Tune up tolerance	1	(dB)
Number of carriers	1	(N)
	13	(mW)
	0.013	(W)
Antenna gain:	1.282	(dBi)
Maximum antenna gain:	1.34	(numeric)
EIRP	0.017	(W)
ERP	0.010	(W)
Distance:	20	(cm)
Duty Cycle:	100	(%)
Frequency:	918.1	(MHz)
MPE Limit:	0.612	(mW/cm^2)
Power density:	0.00336	(mW/cm^2)
	0.0336	(W/m^2)
Margin	22.6	(dB)