

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to isotropic

R = distance to the center of radiation of the antenna

output power	<u>11.47</u>	(dBm)	<u>28.07</u>	(dBm)
output power	<u>14</u>	(mW)	<u>641</u>	(mW)
antenna gain	<u>5</u>	(dBi)	<u>7</u>	(dBi)
antenna gain	<u>3.162</u>	(numeric)	<u>5.012</u>	(numeric)
distance	<u>20</u>	(cm)	<u>20</u>	(cm)
duty cycle	<u>100</u>	(%)	<u>100</u>	(%)
frequency	<u>909.8</u>	(MHz)	<u>1900</u>	(MHz)
MPE limit	<u>0.607</u>	(mW/cm ²)	<u>1.000</u>	(mW/cm ²)
power density	<u>0.0088</u>	(mW/cm ²)	<u>0.6393</u>	(mW/cm ²)
margin	<u>18.3712</u>	(dB)	<u>1.9427</u>	(dB)
	0.00883	+	0.639	
	0.648	<1		