

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>25.00</u>	(dBm)	<u>23.89</u>	(dBm)
output power	<u>316.23</u>	(mW)	<u>245</u>	(mW)
antenna gain	<u>2</u>	(dBi)	<u>5</u>	(dBi)
antenna gain	<u>1.585</u>	(numeric)	<u>3.162</u>	(numeric)
distance	<u>20</u>	(cm)	<u>20</u>	(cm)
duty cycle	<u>100</u>	(%)	<u>100</u>	(%)
frequency	<u>1850</u>	(MHz)	<u>2412</u>	(MHz)
MPE limit	<u>1.233</u>	(mW/cm^2)	<u>1.000</u>	(mW/cm^2)
power density	<u>0.0997080</u>	(mW/cm^2)	<u>0.1541</u>	(mW/cm^2)
margin	<u>10.9235</u>	(dB)	<u>8.1227</u>	(dB)
combined	0.23492	<1		