

P = power  
 G = antenna gain  
 R = distance to antenna

INTERNAL  
 MODEM  
 FCC ID:  
 O9EQ2438F-M

Power Density	GP/4πR <sup>2</sup> CELL		PCS		INTERNAL MODEM
P	<b>21.00</b>	(dBm)	<b>22.00</b>	(dBm)	<b>26.00</b> (dBm)
P	<b>126</b>	(mW)	<b>158</b>	(mW)	<b>398</b> (mW)
G	<b>14</b>	(dBi)	<b>14</b>	(dBi)	<b>14</b> (dBi)
G	<b>25.119</b>	(numeric)	<b>25.119</b>	(numeric)	<b>25.119</b> (numeric)
R	<b>100</b>	(cm)	<b>100</b>	(cm)	<b>100</b> (cm)
Duty Cycle:	<b>100</b>	(%)	<b>100</b>	(%)	<b>100</b> (%)
Frequency:	<b>824</b>	(MHz)	<b>1850</b>	(MHz)	<b>1850</b> (MHz)
MPE limit	<b>0.549</b>	(mW/cm <sup>2</sup> )	<b>1.000</b>	(mW/cm <sup>2</sup> )	<b>1.000</b> (mW/cm <sup>2</sup> )
Power Density:	<b>0.0252</b>	(mW/cm <sup>2</sup> )	<b>0.0317</b>	(mW/cm <sup>2</sup> )	<b>0.0796</b> (mW/cm <sup>2</sup> )
Margin	<b>13.4</b>	(dB)	<b>15.0</b>	(dB)	<b>11.0</b> (dB)

Combined Power  
 Density PD1/L1+PD2/L2+PD3/L3 = 0.1571 <1