

Exposure Formula:

$$S = (P \times G) / (4 \times \pi \times d^2)$$

where:

S = power density

P = transmitter conducted power in (mW)

G = antenna numeric gain

d = distance to radiation center (m) or $(.02^2) = .020$ m

2402 MHz					
Enter Data in Linear Units					
Gain =	1.6	Numeric	EUT ant.:	2	dBi
Power =	2	mW	EUT power:	2.5	dBm
Frequency =	2412	MHz	MPE limit:	1	mW/cm ²
Cable Loss =	0	dB			
EIRP =	2.82	mW		2.82	mW
R (cm) =	0.4735819		S (20cm) =	0.001	

Note: Module can be used in portable or mobile final products as the conducted and EIRP power is below 24mW for FCC Exclusion list and 20mW for Industry Canada (RSS-102, issue 2)