RF exposure

The ERP of the EUT is 28 mW Peak. This is the power including the antenna gain.

The following information provides the minimum separation distance for the EUT, as calculated from **FCC OET 65 Appendix B, Table 1B** "Guidelines for General Population/Uncontrolled Exposure"

This calculation is based on the highest EIRP possible from the EUT considering maximum power and antenna gain. The formulas were used:

GP limit is = 1 mW/cm^2 for 2400 MHz
ERP = 28 mW = 14.5 dBm
S= E^2/3770 mW/cm^2
E or V/m = (ERP*30)^0.5/d, (d in meters)
d = ((ERP*30)/3770*S))^0.5

Freq.	S GP limit	Maximum RF power	ERP	E	MSD d
MHz	mW/cm^2	dBm	watts	V/m	meters
2441	1	14.5	0.028	61.4	0.015

GP is the limit for general Population/Uncontrolled Exposure
MSD is the minimum Seperation Distance

NOTE: For mobile or fixed location transmitters, minimum separation distance is 20 cm, even if calculations indicate MPE distance is less