RF exposure

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 following formulas were used:

The peak output power of the EUT is 286 mW (24.6 dBm) and the gain of the antenna is 2 dBi. The EUT is not handheld.

Freq. MHz	S GP limit mW/cm^2	Maximum RF power dBm	Antenna Gain dBi	EIRP dBm	EIRP watts	MSD d meters
2450	1	24.6	2	26.6	0.457	0.060

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

Note on above table.
(S) GP limit is from OET 65 table 1B
EIRP = Power in dBm + Antenna Gain in dBi
MSD (Minimum Separation Distance) = ((EIRP*30)/3770*S))^0.5

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