



LCIE SUD EST
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FCCID: 2BBDC-SQUID-PRO-01

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4 \pi R^2}$$

where: S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Prediction Frequency MHz	Conducted Output Power dBm	Max Antenna Gain dBi	Distance cm	Power Density mW/cm2	Limit mW/cm2
902.3	6.15	3	20	0.0016	0.60
908.7	5.88	3	20	0.0015	0.61
914.9	5.64	3	20	0.0015	0.61
903	6.14	3	20	0.0016	0.60
909.4	5.56	3	20	0.0014	0.61
914.2	5.56	3	20	0.0014	0.61

Conclusion: Therefore our device complies with FCC's RF radiation exposure limits for general population without SAR evaluation with at least 20cm separation from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.