

RF Exposure Considerations for FCC ID: 2A9GC03664411000133

The calculation of the MPE is as following:

Prediction of MPE limit at a prediction distance:

$$S = \frac{P.G}{4.\pi.R^2} = \frac{E.I.R.P}{4.\pi.R^2}$$

S: Power density (mW/cm²)

P: Peak output power at antenna terminal (mW)

G: Numerical Antenna gain

R: Distance of radiation to antenna (cm)

MPE calculation

Frequency (MHz)	Maximum E.I.R.P. (mW)	R (cm)	Power Density S (mW/cm ²)	MPE limit (mW/cm ²)	% of limit	Limit (%)	Verdict
2402-2480	1.12	20	0.00022	1.0	0.022	100%	Below MPE limit for uncontrolled exposure
Simultaneous transmissions				SUM =	N/A (1)	100%	

(1): No simultaneous RF transmission

Conclusion: Therefore, the device complies with FCC's RF radiation exposure limits for general population for a mobile device.

Certified By

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FCC Registration Number: 0020356952 (FRN)

Applicant for this device:

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