

RF Exposure Considerations for FCC ID: FCC ID: QVA-SORADIO

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	1.0	20	0.0002	1.0	0.02	-	Below MPE limit for uncontrolled exposure
906-924	28.2	20	0.0056	0.6	0.94	-	
<i>Simultaneous transmissions</i>				SUM =	0.96	100%	

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

Certified By

Laurent CHAPUS (Agent for this device)

SMEE

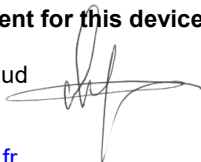
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