

Apparatus: i-Q350L (model: i-Q350L)
FCC ID: OO4-ILR-IQ350LS

RF Exposure Considerations for FCC ID: OO4-ILR-IQ350LS

The calculation of the MPE is as following:

Prediction of MPE limit at a prediction distance:

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

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 (For each transmitter, both cannot transmit simultaneously)

<i>Frequency (MHz)</i>	<i>Maximum E.I.R.P. (mW)</i>	<i>R (cm)</i>	<i>Power Density S (mW/cm²)</i>	<i>MPE limit (mW/cm²)</i>	<i>Verdict</i>
903.0	1.35	20	0.269×10^{-3}	0.6	<i>Below MPE limit for uncontrolled exposure</i>
915.0	1.35	20	0.269×10^{-3}	0.6	<i>Below MPE limit for uncontrolled exposure</i>
927.0	1.35	20	0.269×10^{-3}	0.6	<i>Below MPE limit for uncontrolled exposure</i>

<i>Frequency (MHz)</i>	<i>Maximum E.I.R.P. (mW)</i>	<i>R (cm)</i>	<i>Power Density S (mW/cm²)</i>	<i>MPE limit (mW/cm²)</i>	<i>Verdict</i>
2441.75	109.6	20	0.022	1.0	<i>Below MPE limit for uncontrolled exposure</i>

COORDONNEES

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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)

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FCC Registration Number: 0020356952 (FRN) / Test Firm Registration Number: 171131

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