

RF Exposure Considerations for FCC ID: YCP-MB229301

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

<i>Frequency (MHz)</i>	<i>Maximum EIRP including tune- up tolerance (mW) (1)</i>	<i>R (cm)</i>	<i>Power Density S (mW/cm²)</i>	<i>MPE limit (mW/cm²)</i>	<i>% of limit</i>	<i>Limit (%)</i>	<i>Verdict</i>
2402-2480	4.95	20	0.00098	1	0.10	100%	<i>Below MPE limit for uncontrolled exposure</i>
<i>Simultaneous transmissions</i>				<i>SUM =</i>	<i>N/A (2)</i>	<i>100%</i>	

(1): Power value is taken from EIRP (Max rated conducted power + antenna gain)

(2): 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

Laurent CHAPUS (Agent for this device)

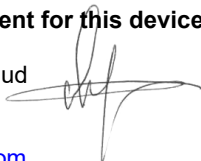
SGS France - SMEE

385, Rue René Rambaud

ZA Le Parvis 2

38500 Voiron - France

laurent.chapus@sgs.com



Applicant for this device:

STMicroelectronics (Rousset) SAS

190 Avenue Celestin Coq

13106 ROUSSET – France

FRN: 0019756717