

FCC/RSS 102 RF Exposure Statement

1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

This is a portable device.

2. Measurement Result:

For FCC/IC this a a portable/mobile device and the max peak output power is 19.53 mW. Lower than the threshold $60/f$ GHz mW (24.87 mW), $d < 2.5$ cm general population category.

The SAR measurement is not necessary.

For RSS 102 the device is below the 20 mW threshold for routine SAR evaluation

The Model RFA-Z106 have the following antenna gain specifications:

- Model R00003 Integral antenna
- Gain values – 2.40 GHz 2.09 dbi
2.44 GHz 2.51 dbi
2.49 GHz 2.88 dbi

Freq MHz	Cond EUT Power (dBm)	Ant. Gain	Max TX Duty cycle % (over 200 ms period)	EIRP (dBm)	EIRP (mW)	Duty cycle corrected Source based EIRP (mw)
2405	20.930	2.090	9.500	23.020	200.447	19.042
2440	20.620	2.510	9.500	23.130	205.589	19.531
2480	9.920	2.880	9.500	12.800	19.055	1.810