

SECTION RF Exposure

1. SUMMARY OF TEST RESULTS

Requirements	FCC Rule	IC Rule	Compliance
RF Exposure evaluation	1.1310 2.1093	RSS-102 Issue5	Complied

2. MPE Evaluation of Mobile Device

2.1 Test Results - Complied

- SAR test exclusion thresholds

Mode	Frequency (MHz)	Conducted Output Power (dBm)	Conducted Output Power (mW)	Min. Test Separation Distance (mm)	SAR Test Exclusion Thresholds ≤ 7.5 for 10-g SAR
GFSK_2 Mbps	2 480	2.00	1.58	5.00	0.50

= [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [$\sqrt{f(\text{GHz})}$]

Bluetooth Low Energy = [(1.58)/(5)] · [$\sqrt{2.480}$] = 0.50

- Target power and Tolerance, Max tune up power

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dB)	Max Tune up Power (dBm)	Average Power (dBm)	Measured Average Power (dBm)
GFSK_1 Mbps	2 402	0.0	±2.0	2.0	0.16	-1.86
	2 440	0.0	±2.0	2.0	0.70	-1.32
	2 480	0.0	±2.0	2.0	1.28	-0.74
GFSK_2 Mbps	2 402	0.0	±2.0	2.0	0.16	-4.64
	2 440	0.0	±2.0	2.0	0.79	-4.01
	2 480	0.0	±2.0	2.0	1.35	-3.45

Note 1): Average Power(dBm) = Measured Average Power(dBm) + D.C.C.F(dB)

Note 2): Measured Average Power was tested by Power meter & sensor(VBW = 50 MHz)

2.2 RF Exposure Compliance Issue

Therefore, EUT is not required the SAR Evaluation.