



Registration number: W6M21202-12247-C-1
FCC ID: YX6BU4086

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

Bluetooth 2.0+EDR

EIRP = max. conducted output power + antenna gain

EIRP = 5.78 dBm + 0.73 dBi = 6.51 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Bluetooth 4.0

EIRP = max. conducted output power + antenna gain

EIRP = 3.21 dBm + 0.73 dBi = 3.94 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

3.3 RF Exposure Compliance Requirements

Conclusion: No Evaluation Required if power is below this threshold:

F(GHz)		mW
Low	2.402	24.58
High	2.480	

Maximum measured transmitter power:

Result	Bluetooth 2.0+EDR	Bluetooth 4.0
Conducted Power	3.784 mW	2.094 mW
EIRP Power	4.477 mW	2.477 mW

- The antenna is PCB antenna, antenna gain is 0.73 dBi.

Threshold for no SAR evaluation is 24.58mW.

Conclusion: No SAR evaluation required since Transmitter output power is below FCC threshold.