

FCC RF EXPOSURE REPORT

FCC ID: EMOIBT80

Project No. : 1605C097
**Equipment : Color Changing Rechargeable Bluetooth
Speaker with Speakerphone**
**Model : iBT80, iBT80X, iBT80BC, iBT80XC (“X” =A - Z,
denote as color of cabinet)**
Applicant : SDI TECHNOLOGIES INC.
Address : 1299 Main Street, Rahway, NJ 07065, U.S.A

**According: : FCC Guidelines for Human Exposure IEEE
C95.1**

B T L I N C .

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Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	0

GENERAL CONCLUSION:

Maximum measured transmitter power:

OutputPower (dBm)	Output Power (mW)	Limit (mW)
4.02	2.5	10

According to FCC KDB447498 V06, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output peak power of this EUT is 2.5mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold