

RF Exposure Evaluation

FCC ID: N59-X3M

1. Client Information

Applicant : SHENZHEN LITCHI COMMUNICATIONS TECHNOLOGY CO., LTD.
Address : No.4-23A19 Hongfa Centre Building, Baoan, Shenzhen, China
Manufacturer : SHENZHEN QINGYING TECHONOLGY CO., LTD.
Address : Building B, Yanchuan, Songgan, Baoan, Shenzhen, China

2. General Description of EUT

EUT Name	:	Bluetooth speaker
Models No.	:	X3M, X3
Model Difference	:	The different models are identical in schematic, structure and critical component, the only different is the appearance.
Product Description	Operation Frequency:	2402MHz~2480MHz
	Number of Channel:	79Channels see note (2)
	Out Power	2.636 mW (max) conducted power (4.21 dBm)
	Antenna Gain:	0 dBi
	Modulation Type:	GFSK 1Mbps
Power Supply	:	USB charging from PC. DC voltage from Li-ion battery.
Power Rating	:	DC 5V from PC USB Port. DC 3.7V from Li-ion battery.
Connecting I/O Port(S)	:	Please refer to the User's Manual

Note

For a more detailed features description, please refer to the RF Test Report.

TB-RF-075-1.0

MPE Calculations

1. No Evaluation required if power is below
(60/f(GHz) mW) where f is the transmit frequency of the EUT.
2. Calculation:
 $EIRP = P + G$
Where P=Conducted Output Power (dBm)
G=Power Gain of the Antenna (dBi)

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Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
Bluetooth	4.21	0	4.21	2.636

3. Conclusion:
No SAR Evaluation required since Transmitter EIRP is below FCC threshold.