

# RF Exposure Report FCC ID: 2ALCFXO-9267

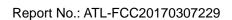
## 1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

Equipment	Bluetooth Speaker			
Model Name	XO-9267			
Additional Model	N/A			
Number(s)				
Model Difference	N/A			
Frequency Range	Bluetooth 4.1(BLE): 2402~2480 MHz			
Number of Channel:	40 Channels			
Modulation Type	GFSK			
RF Output Power	3.556 dBm			
Antenna Type	PCB Antenna (Gain: 0 dBi)			
Power Source	wer Source DC Voltage supplied from Host System by USB cable. DC power by Li-ion Battery.			
Power Rating	DC 5.0V by USB cable. DC 3.7V by 400mAh Li-ion Battery.			
Remark	More details EUT technical specifications, please refer to the User's Manual.			

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#### 2. RF EXPOSURE INFORMATION

### **SAR Test Exclusion Calculations**

- 2.1 FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.
  - (1) Clause 4.3: General SAR test reduction and exclusion guidance Sub clause 4.31: Standalone SAR test exclusion considerations
    - 1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance≤5 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]\*[ $\sqrt{f_{(GHz)}}$ ]  $\leq$ 3.0 for 1-g SAR

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]\*[ $\sqrt{f_{(GHz)}}$ ]  $\leq$ 7.5.0 for 10-g SAR

# 2.2 Calculation:

BLE Mode								
GFSK(1Mbps)								
Frequency (MHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	MAX Power of Turn-up Tolerance (dbm)	MAX Power of Turn-up Tolerance (mW)	Calculation Value	Threshold Value		
2402	3.015	3±1	4	2.512	0.779	3.0		
2442	3.556	3±1	4	2.512	0.785	3.0		
2480	3.431	3±1	4	2.512	0.791	3.0		

So standalone SAR measurements are not required.

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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