Refer user manual this device is a 1.0 Bluetooth Speaker and this device was designed used in portable devices the minimum distance between human's body is 5mm. Based on the 47CFR 2.1093, this device belongs to portable device. The definition of the category as following:

Portable Derives:

CFR Title 47 § 2.1093(b)

(b) For purposes of this section, a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

According to KDB447498 D01 General Exposure Guidance v06, section 4.3.1

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition, listed below, is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions. The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

$$[\frac{(\text{max.power of channel,including tune-up tolerance,mW})}{(\text{min.test separation distance,mm})}] \cdot [\sqrt{f_{(GHz)}}] \leq 3.0 \text{ for 1-g SAR and} \leq 7.5 \text{ for 10-g}$$

extremity SAR

Where

- f (GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

FCC exclusion condition=
$$\left[\frac{(0.31,mW)}{(5,mm)}\right] \cdot \left[\sqrt{2.402_{(GHz)}}\right] = 0.096 < 3.0$$

RF Exposure Evaluation Result: Pass

Note: More power list, Please refer to the RF report.

Refer user manual this device is a 1.0 Bluetooth Speaker and this device was designed used in portable devices the minimum distance between human's body is **5mm.** Based on the 47CFR 2.1093, this device belongs to portable device. The definition of the category as following:

Exemption Limits for Routine Evaluation - SAR Evaluation

SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table 1.

Table 1: SAR evaluation – Exemption limits for routine evaluation based on frequency and separation distance 4,5

Frequency (MHz)	Exemption Limits (mW)						
	At separation distance of ≤5 mm	At separation distance of 10 mm	At separation distance of 15 mm	At separation distance of 20 mm	At separation distance of 25 mm		
≤300	71 mW	101 mW	132 mW	162 mW	193 mW		
450	52 mW	70 mW	88 mW	106 mW	123 mW		
835	17 mW	30 mW	42 mW	55 mW	67 mW		
1900	7 mW	10 mW	18 mW	34 mW	60 mW		
2450	4 mW	7 mW	15 mW	30 mW	52 mW		
3500	2 mW	6 mW	16 mW	32 mW	55 mW		
5800	1 mW	6 mW	15 mW	27 mW	41 mW		

Frequency	Exemption Limits (mW)						
(MHz)	At separation distance of						
	30 mm	35 mm	40 mm	45 mm	≥50 mm		
≤300	223 mW	254 mW	284 mW	315 mW	345 mW		
450	141 mW	159 mW	177 mW	195 mW	213 mW		
835	80 mW	92 mW	105 mW	117 mW	130 mW		
1900	99 mW	153 mW	225 mW	316 mW	431 mW		
2450	83 mW	123 mW	173 mW	235 mW	309 mW		
3500	86 mW	124 mW	170 mW	225 mW	290 mW		
5800	56 mW	71 mW	85 mW	97 mW	106 mW		

Conclusion:

The max. output power is -5.15 dBm (0.31mW) which is below the exempt condition, 4mW. SAR test is not requited.