



RF Exposure Report

According to
FCC Part2.1093 & KDB 447498

Applicant : JS Products,Inc.
Address : 6445 Montessouri Street Las Vegas, NV 89113
Manufacturer : Ningbo Aston Optoelectronic Technology Co.,Ltd
Address : Zhouhan Village Industry Zone,Yinzhou District,Ningbo,315195,P.R.of China
Equipment : Bluetooth® Speaker Charger
Model No. : TL60096
FCC ID : 2AN8HTL60096
IC : 23363-TL60096
Test Period : Nov.23,2017~ Nov.25, 2017

■ The test result refers exclusively to the test presented test model / sample.,

■ Without written approval of **Cerpass Technology Corporation Test Laboratory**.. the test report shall not be reproduced except in full.

■ The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Rules and Regulations Part 15. The test report has been issued separately.

■ The test report must not be used by the clients to claim product certification approval by any agency of the Government.

■

Approved by:

Laboratory Accreditation:

Mark Liao / Assistant Manager



Cerpass Technology Corporation Test Laboratory

TAF LAB Code:

1439



Radio Frequency Exposure

LIMIT

For 2.4G Band: According to §15.247(i), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter.

**EUT Specification**

EUT	Bluetooth® Speaker Charger		
Frequency band (Operating)	☒ BT: 2.402GHz ~ 2.480GHz ☐ WLAN: 5.150GHz ~ 5.250GHz ☐ WLAN: 5.745GHz ~ 5.825GHz		
Device category	☒ Portable (<20cm separation) ☐ Mobile (>20cm separation)		
Exposure classification	☐ Occupational/Controlled exposure (S = 5mW/cm ²) ☒ General Population/Uncontrolled exposure (S=1mW/cm ²)		
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☒ Tx/Rx diversity		
Max. output power for 2.4G Band	Mode	Power (dBm)	Power (mW)
	DH5	0.432	1.1046
	2DH5	3.816	2.4077
	3DH5	3.813	2.4060
	BLE	0.576	1.1418
Antenna gain (Max)	0.5dBi for 2.4G Band		
Evaluation applied	☒ MPE Evaluation* ☐ SAR Evaluation ☐ N/A		

Remark:

1. The maximum output power is 2.4077dBm (0.0024W) at 2480MHz (with numeric 1.122antenna gain.) for 2.4G band
2. DTS device is not subject to routine RF evaluation; MPE estimate is used to justify the compliance.
3. For mobile or fixed location transmitters, no SAR consideration applied. The maximum power density is 1.0 mW/cm² even if the calculation indicates that the power density would be larger.

*Note: Simultaneous transmission is not applicable for this EUT.

**SAR exclusion**

Per FCC KDB 447498 D01v06 section 4.3:

- 1) For 100 MHz to 6 GHz and *test separation distances* ≤ 50 mm, the 1-g and 10-g SAR *test exclusion thresholds* are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}]$$

≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- $f_{(\text{GHz})}$ 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

5mm Test Separation

Test Mode	Frq. (MHz)	Test separation distance (mm)	Max. Tune-up Power(dBm)	Max. Tune-up Power(mW)	Test threshold	SAR Test (Y/N)
Bluetooth	2480	5	3.816	2	0.76	N