



TEST REPORT

Product Name: Bluetooth speaker
Trademark: N/A
Model Number: DSBT046A
Prepared For:
Address:
Manufacturer:
Address:
Prepared By: Shenzhen BCTC Testing Co., Ltd.
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Sample Received Date: Aug. 20, 2019
Sample tested Date: Aug. 20, 2019 to Sep. 02, 2019
Issue Date: Sep. 02, 2019
Report No.: BCTC-FY190805379-1E
Test Standards: EN 62479:2010
Test Results: PASS
Remark: This is RED Health test report.

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Approved by:



Zero Zhou/Manager

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(Note: N/A means not applicable)



1. VERSION

Report No.	Issue Date	Description	Approved
BCTC-FY190805379-1E	Sep. 02, 2019	Original	Valid



2. PRODUCT INFORMATION AND TEST SETUP

2.1 Product Information

Model(s): DSBT046A

Model Description: N/A

Hardware Version: N/A

Software Version: N/A

Operation Frequency: Bluetooth: 2402-2480MHz

Max. RF output power: Bluetooth:-0.82dBm

Type of Modulation: Bluetooth: GFSK, Pi/4 DQPSK

Antenna installation: Bluetooth: PCB antenna

Antenna Gain: Bluetooth: 0dBi

Ratings: DC3.7V from Battery
DC5V from adapter



3. HEALTH REQUIREMENTS

3.1 Limits

According to Council Recommendation: the criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation.

Reference levels for electric, magnetic and electromagnetic fields (10MHz to 300GHz)

Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max}.

Annex A contains example values for P_{max} derived from existing exposure limits listed in the bibliography, such as the ICNIRP guidelines [1], IEEE Std C95.1-1999 [2], and IEEE Std C95.1-2005 [3].

For wireless devices operated close to a person's body with available antenna powers and/or average total radiated powers higher than the P_{max} values given in Annex A, the alternative P_{max} values (called P_{max'}), described in Annex B can also be used.

For low power equipment using pulsed signals, other limits may apply in addition to those considered in Annex A and Annex B. Both ICNIRP guidelines [1] and IEEE standards [2], [3] have specific restrictions on exposures to pulsed fields, and the requirements of those standards with respect to exposure to pulses shall be met. Annex C discusses this topic further.

Exposure tier	Region of body	Exclusion level P _{max}
General public	Head and trunk	20mW(13dBm)
General public	Limbs	40mW(16dBm)



3.2 Exposure Evaluation

Mode	The worst e.i.r.p. (dBm)	Pmax(dBm)	Result
Bluetooth Classic	-0.82	13	PASS
Remark: 1, refer to RF test report for e.i.r.p. 2, After performed the test at low/middle/high channel, the record is the worst.			



4. EUT PHOTOGRAPHS

EUT Photo 1



EUT Photo 2

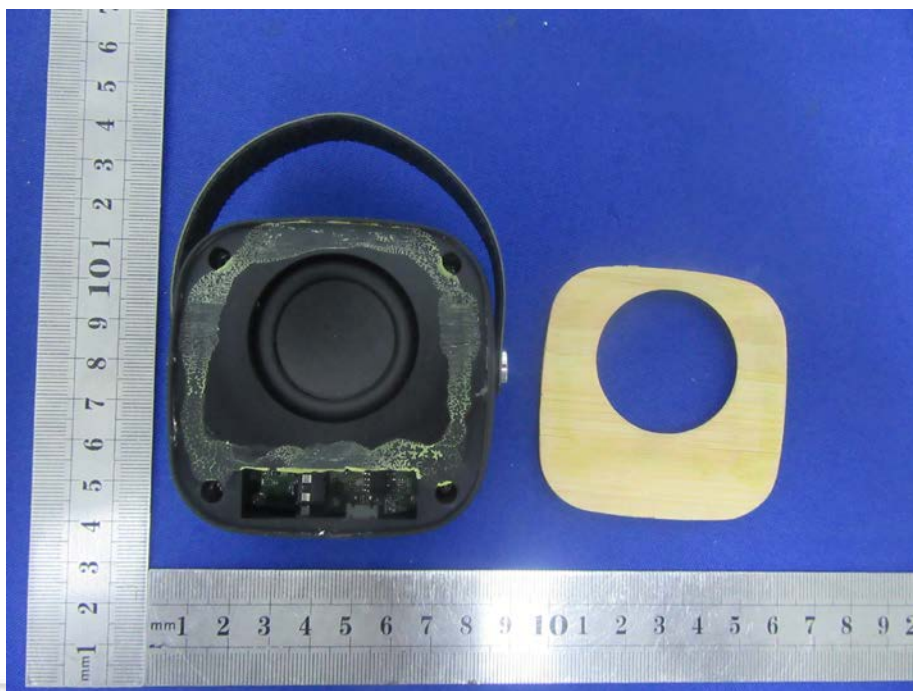




EUT Photo 3



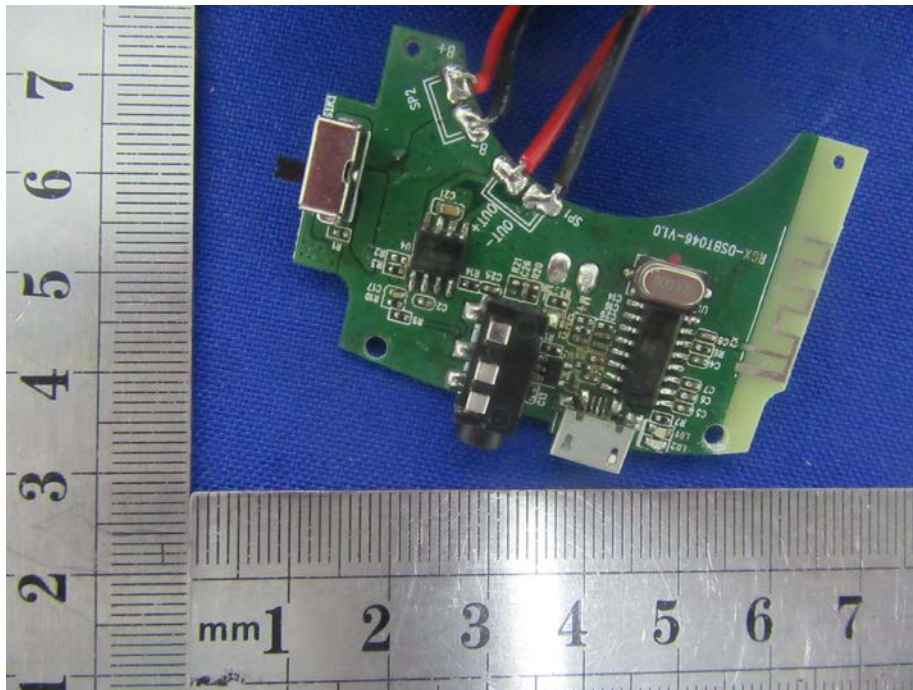
EUT Photo 4



EUT Photo 5

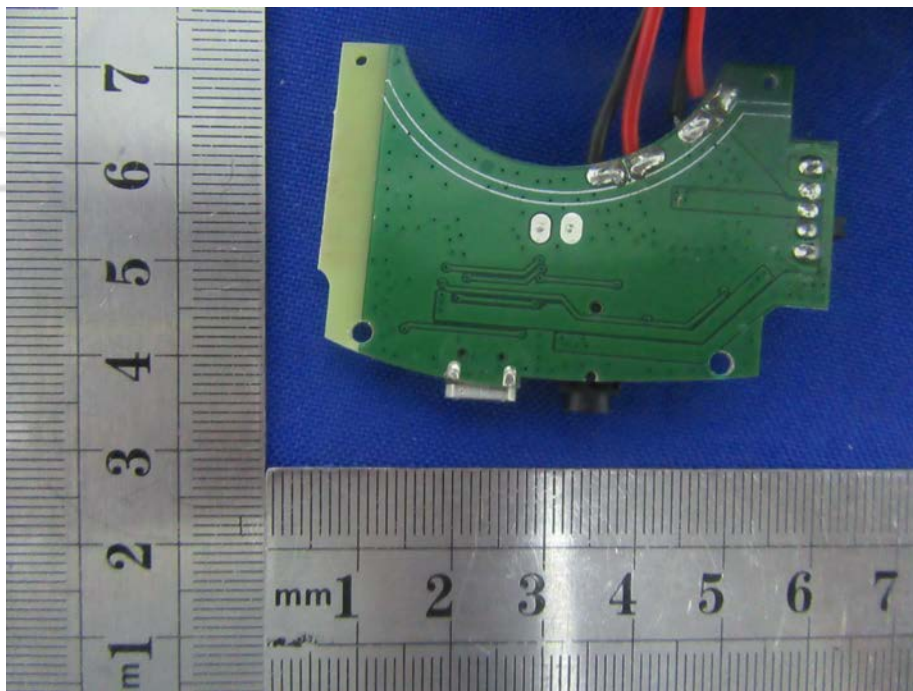


EUT Photo 6





EUT Photo 7



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