

TEST REPORT

Product Name : Bluetooth Speaker
Brand Mark : N/A
Model No. : A1, TY-WSP100, TY-WSP101,
BLG-SUBMARINE
FCC ID : N7KA1V2
Report Number : BLA-EMC-202012-A4303
Date of Sample Receipt : 2020/12/10
Date of Test : 2020/12/10 to 2020/12/22
Date of Issue : 2020/12/25
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB
447498
Test Result : Pass

Prepared for:

KINGTA TECHNOLOGY CO., LTD

Floor 6, building C, floor 2, building 10, Futing industrial zone, Zhucun, Guanlan,
Longhua, Shenzhen, China.

Prepared by:

BlueAsia of Technical Services(Shenzhen) Co.,Ltd.

IOT Test Centre of BlueAsia

No. 448 Bulong Road, Bantian Street, Longgang District, Shenzhen,China

TEL: +86-755-23059481

Compiled by:

Jozu.

Review by:

Sweet. Liang

Approved by:

Jimen Li

Date: 2020/12/25



REPORT REVISE RECORD

Version No.	Date	Description
00	2020/12/25	Original

BlueAsia

TABLE OF CONTENTS

1	TEST SUMMARY	4
2	LIMITS	5
2.1	EUT RF EXPOSURE EVALUATION	5

BlueAsia

1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	Pass

BlueAsia

2 LIMITS

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

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 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 calculation¹⁷
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 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

2.1 EUT RF EXPOSURE EVALUATION

Operational Mode: EDR (8-DPSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power(dBm)	Maximum tune-up Power(mW)	Calculated value	Exclusion threshold
2402MHz	6.49	± 1	7.49	5.61	1.74	3
2441MHz	7.1	± 1	8.10	6.46	2.02	3
2480MHz	7.35	± 1	8.35	6.84	2.15	3
Conclusion: the calculated value ≤ 3.0 , SAR is exempted.						

----END OF REPORT----

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.