

TEST REPORT

Product Name : Wireless Earphone
Brand Mark : N/A
Model NO.: : BS9
FCC ID : 2AUVC-BS9
Report Number : BLA-EMC-202012-A11103
Date of Sample Receipt : 2020/12/31
Date of Test : 2021/1/4 to 2021/1/16
Date of Issue : 2021/3/8
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB 447498
Test Result : Pass

Model No:

BS1, BS2, BS3, BS4, BS5, BS6, BS7, BS8, BS9, BS10, BS11, BS12, BS13, BS14, BS15, BS16, BS17, BS18, BS19, BS20, TS1, TS2, TS3, TS4, TS5, TS6, TS7, TS8, TS9, TS10, TS11, TS12, TS13, TS14, TS15, TS16, TS17, TS18, TS19, TS20, GS1, GS2, GS3, GS4, GS5, GS6, GS7, GS8, GS9, GS10, GS11, GS12, GS13, GS14, GS15, GS16, GS17, GS18, GS19, GS20

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REPORT REVISE RECORD

Version No.	Date	Description
00	2021/3/8	Original

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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

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:

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

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before 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 (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	5.15	± 1	6.15	4.12	1.28	3
2441MHz	5.51	± 1	6.51	4.48	1.40	3
2480MHz	5.91	± 1	6.91	4.91	1.55	3
Conclusion: the calculated value ≤ 3.0 , SAR is exempted.						

----END OF REPORT----

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