

TEST REPORT

Product Name : TWS Bluetooth earphones

Brand Mark : N/A

Model No. : In2029A

FCC ID : RDR-IN2029A

Report Number : BLA-EMC-202011-A10203

Date of Sample Receipt : 2020/11/30

Date of Test : 2020/12/1 to 2020/12/14

Date of Issue : 2020/12/14

47 CFR Part 1.1307, Part 2.1093, KDB Test Standard

447498

Test Result : Pass

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Compiled by: Review by:

Approved by: Date: 2020/12/14





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REPORT REVISE RECORD

| Version No. Date | | Description | |
|------------------|------------|-------------|--|
| 00 | 2020/12/14 | Original | |

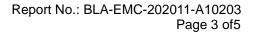




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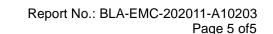


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1 TEST SUMMARY

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





1.1 LIMITS

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:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ 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 calculation 17 |
| ☐ 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 |

1.2 EUT RF EXPOSURE EVALUATION

| Operational Mode: EDR (GFSK worst case) | | | | | | |
|---------------------------------------------------------|-----------|-----------|---------|---------|------------|-----------|
| | Maximum | | | | | |
| | Peak | Tune up | Maximum | Maximum | | |
| Channel | Conducted | tolerance | tune-up | tune-up | Calculated | Exclusion |
| Chamei | Output | (dB) | Power | Power | value | threshold |
| | Power | | (dBm) | (mW) | | |
| | (dBm) | | | | | |
| 2402MHz | -1.93 | ±1 | -0.93 | 0.81 | 0.25 | 3 |
| 2441MHz | -1.58 | ±1 | -0.58 | 0.87 | 0.27 | 3 |
| 2480MHz | -1.75 | ±1 | -0.75 | 0.84 | 0.27 | 3 |
| Conclusion: the calculated value ≤3.0, SAR is exempted. | | | | | | |

----END OF REPORT----

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