



MEASUREMENT REPORT

FCC PART 15.247 Bluetooth-LE

Report No.: S202401182723E02

Issue Date: 03-12-2024

Applicant: ADDASOUND DENMARK A/S

Address: Skalhuse 5, DK-9240 Nibe, Denmark

FCC ID: 2AHSPINSPIRE18

Product: Wireless Headset

Model No.: Inspire18

FCC Classification: Digital Transmission System (DTS)

FCC Rule Part(s): Part 15 Subpart C (15.247)

Test Procedure(s): ANSI C63.10-2013, KDB 558074 D01v05r02

Result: Pass

Item Receipt Date: Feb 18, 2024

Test Date: Mar 02, 2024

Compiled By

(Guangze Ding) Senior Test Engineer

Gluang Ze

Approved By

(Line Chen)

Engineer Manager

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. Test results reported herein relate only to the item(s) tested.

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The test report must not be used by the client to claim product certifications, approval, or endorsement by NVLAP, NIST or any agency of U.S. Government.

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Revision History

| Report No. | Version | Description | Issue Date |
|------------------|---------|-------------|------------|
| S202401182723E02 | Rev. 01 | / | 03-12-2024 |



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§2.1033 General Information

| Applicant: | ADDASOUND DENMARK A/S | | | | | |
|-------------------------|---|--|--|--|--|--|
| Applicant Address: | Skalhuse 5, DK-9240 Nibe, Denmark | | | | | |
| Manufacturer: | ADDASOUND DENMARK A/S | | | | | |
| Manufacturer Address: | Skalhuse 5, DK-9240 Nibe, Denmark | | | | | |
| Test Site: | Fangguang Inspection & Testing Co., Ltd. | | | | | |
| LAB ID: | CN5037 | | | | | |
| Test Site Address: | G9 Building, China Sensor Network International Innovation Park | | | | | |
| rest site Address. | No.200, Linghu Avenue Wuxi, Jiangsu 214000 China | | | | | |
| FCC Rule Part(s): | Part 15 Subpart C (15.247) | | | | | |
| FCC ID: | 2AHSPINSPIRE18 | | | | | |
| Test Device Serial No.: | S/N.: / | | | | | |
| rest Device Serial No.: | ☐ Production ⊠ Pre-Production ☐ Engineering | | | | | |
| FCC Classification: | Digital Transmission System (DTS) | | | | | |

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1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

1.2. Fangguang Test Location

These measurement tests were performed at the Fangguang Inspection and testing Co.,LTD located at 200 Linghu Avenue, Xinwu District, Wuxi City. The detailed description of the measurement facility was found to be in compliance with the requirements of ANSI C63.4-2014.



2. PRODUCT INFORMATION

2.1. Equipment Description

| Product Name: | Wireless Headset |
|----------------------|--------------------|
| Model Name: | Inspire18 |
| Trade Mark: | ADDASOUND/艾德声/ADDA |
| Input Voltage Range: | Battery: 3.7V |
| Bluetooth Version: | 5.1 |

2.2. Product Specification Subjective to this Report

| Bluetooth Frequency | 2402~2480MHz |
|---------------------|--------------|
| Channel Number: | 40 |
| Type of modulation | GFSK |
| Data Rate | 1Mbps |
| Antenna Type: | PCB Antenna |
| Antenna Gain: | 0 dBi |



2.3. Operation Frequency / Channel List

| Channel | Frequency | Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|
| 00 | 2402 MHz | 01 | 2404 MHz | 02 | 2406 MHz |
| 03 | 2408 MHz | 04 | 2410 MHz | 05 | 2412 MHz |
| 06 | 2414 MHz | 07 | 2416 MHz | 08 | 2418 MHz |
| 09 | 2420 MHz | 10 | 2422 MHz | 11 | 2424 MHz |
| 12 | 2426 MHz | 13 | 2428 MHz | 14 | 2430 MHz |
| 15 | 2432 MHz | 16 | 2434 MHz | 17 | 2436 MHz |
| 18 | 2438 MHz | 19 | 2440 MHz | 20 | 2442 MHz |
| 21 | 2444 MHz | 22 | 2446 MHz | 23 | 2448 MHz |
| 24 | 2450 MHz | 25 | 2452 MHz | 26 | 2454 MHz |
| 27 | 2456 MHz | 28 | 2458 MHz | 29 | 2460 MHz |
| 30 | 2462 MHz | 31 | 2464 MHz | 32 | 2466 MHz |
| 33 | 2468 MHz | 34 | 2470 MHz | 35 | 2472 MHz |
| 36 | 2474 MHz | 37 | 2476 MHz | 38 | 2478 MHz |
| 39 | 2480 MHz | | | | |

2.4. Device Capabilities

This device contains the following capabilities:Bluetooth (5.1)

Note: The maximum achievable duty cycle was determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW =8MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles of BLE_1M are 100%.

2.5. Description of Test Software

The test utility software used during testing was "BlueTest3", and the emission setting value is the software default value.

2.6. Test Mode

| Test Mode | Mode 1: Transmit by BLE_1M |
|-----------|----------------------------|
|-----------|----------------------------|



2.7. Test Configuration

The EUT was tested per the guidance of KDB 558074 D01 v05r02. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

2.8. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.9. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

2.10. Calculation with all conversion and correction factors used

For AC Line Conducted Emissions Test:

Measure Level ($dB\mu V$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

For Radiated Emissions Below 1GHz Test:

Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

For Radiated Emissions Above 1GHz Test:

Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre Amplifier Gain (dB).



3. DESCRIPTION OF TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance provided in KDB 558074 D01 v05r02 were used in the measurement of the EUT.

Deviation from measurement procedure......None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, $50\Omega/50$ uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or data exchange speed, or support equipment whichever determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2013.



3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. The turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-25GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions. According to 3dB Beam-Width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

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4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

Use a unique coupling to the intentional radiator.

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5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|--------------------|--------------|----------|-----------------|----------------|----------------|
| EMI Test Receiver | R&S ES | ESR3 | FWXGJC-2016-181 | 1 year | 2025/03/07 |
| | | | | | 2024/03/14 |
| Two-Line V-Network | R&S | ENV 216 | FWXGJC-2016-182 | 1 year | 2024/05/14 |
| Thermohygrometer | Mittel | HTC-1 | FWXDA-2016-387 | 1 year | 2024/11/03 |

Radiated Emission

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|-------------------------|--------------|------------|---------------------|----------------|----------------|
| Loop Antenna | Schwarzbeck | FMZB 1519B | FWXGJC-2018-015 | 3 year | 2024/08/13 |
| Di Lan Antanna | D O C | | EWYC IC 2016 267 06 | | 2025/03/02 |
| Bi-Log Antenna | R&S | HL562E | FWXGJC-2016-267-06 | 1 year | 2024/03/10 |
| Due adhand Hann Antonna | D O C | 115007 | EWYC IC 2016 267 07 | 1 year | 2025/03/01 |
| Broadband Horn Antenna | R&S | HF907 | FWXGJC-2016-267-07 | | 2024/03/02 |
| Broadband Horn Antenna | Schwarzbeck | BBHA9170 | FWXGJC-2018-016 | 3 year | 2024/06/04 |
| EMI Receiver | R&S | ESR26 | FWXGJC-2016-267-01 | 1 year | 2024/11/05 |
| Pre-Amplifier | R&S | SCU-18D | FWXGJC-2016-267-05 | 1 year | 2024/11/05 |
| Dua Amanifian | R&S | EMC184055 | FWXGJC-2018-018 | 3 year | 0005/04/40 |
| Pre-Amplifier | | SE | | | 2025/04/13 |
| Thermohygrometer | Mittel | HTC-1 | FWXDA-2016-386 | 1 year | 2024/11/03 |
| Anechoic Chamber | Aimuke | EMCCT-3 | FWXGJC-2016-270 | 3 year | 2025/06/07 |

Conducted Test Equipment

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|---------------------|--------------|----------|-----------------|----------------|----------------|
| EXA Signal Analyzer | Keysight | N9010B | FWXGJC-2018-010 | 1 year | 2025/03/02 |
| | | | | | 2024/03/13 |
| RF Control Unit | Toncend | JS0806-2 | FWXGJC-2018-013 | 1 year | 2024/05/14 |
| Thermohygrometer | Mittel | HTC-1 | FWXDA-2016-385 | 1 year | 2025/02/25 |

| Test Software | Manufacturer | Version | Asset No. | Function |
|-------------------|--------------|----------|----------------|---------------|
| EMI Test Software | Tonscend | V2.5.2.4 | FWXWA-2018-004 | Emission Test |
| RF Test Software | Tonscend | 3.3.10 | / | / |

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6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

2.05dB

Radiated Emission Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

30MHz-1GHz: 3.06dB 1GHz-12.75GHz: 4.13dB

Spurious Emissions, Conducted

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

30MHz-1GHz: 1.00 dB 1GHz-26.5GHz: 1.30 dB

Output Power

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

0.60dB

Power Spectrum Density

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

0.80dB

Occupied Bandwidth

Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):

0.20MHz

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7. TEST RESULT

7.1. Summary

| FCC Part Section(s) | Test Description | Test Limit | Test Condition | Test Result | Reference |
|------------------------|--|---------------------|-------------------|----------------|-----------|
| 15.247(a)(2) | 6dB Bandwidth | ≥ 500kHz | | Pass | Section |
| 13.247 (a)(2) | Oub Bandwidth | 2 300KI 12 | | | 7.2 |
| 15.247(b)(3) | Output Power | ≤ 30dBm | | Pass | Section |
| 15.247 (b)(3) | Output Fower | 2 30dbiii | | F 455 | 7.3 |
| 15 247(a) | Power Spectral | 4.0.10(01.1.1 | | D | Section |
| 15.247(e) | Density | ≤ 8dBm/3kHz | | Pass | 7.4 |
| 15 047/4\ | Pand Edga | ≥ 20dBc | | Pass | Section |
| 15.247(d) | Band Edge | ≥ 200BC | Conducted | Pass | 7.5 |
| 45 047/4) | Out-of-Band | > 00 ID | | Pass | Section |
| 15.247(d) | Emissions | ≥ 20dBc | | | 7.5 |
| | Restricted Bands | Emissions in | | Pass | Section |
| | | restricted bands | | | |
| 15.205 | | must meet the | | | |
| | | radiated limits | | | 1.7 |
| | | detailed in 15.205 | | | |
| | General Field | Radiated Emission | | | |
| | | must meet the | | Pass | Section |
| 15.209 | Strength Limits (Radiated Emission Limits) | radiated limits | Radiated | | 7.6 |
| | | detailed in 15.209 | | | 7.0 |
| | Lillins) | (RSS GEN [8.9]) | | | |
| 15.207 | AC Conducted Emissions | < FCC 15.207 limits | Line | Pass | Section |
| 10.207 | 150kHz - 30MHz | (RSS GEN [8.8]) | Conducted | F d S S | 7.8 |

Notes:

- All modes of operation and data rates were investigated. For radiated emission test, every axis
 (X, Y, Z) was also verified. The test results shown in the following sections represent the worst
 case emissions.
- 2) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.



7.2. 6dB Bandwidth Measurement

7.2.1. Test Limit

The minimum permissible 6dB bandwidth is 500 kHz.

7.2.2. Test Procedure used

ANSI C63.10-2013 Section 11.8.2 Option 1

KDB 558074 D01 v05r02 - Section 8.2

7.2.3. Test Setting

- 1. Set RBW = 100 kHz
- 2. VBW ≥ 3 × RBW
- 3. Detector = peak
- 4. Trace mode = max hold
- 5. Sweep = auto couple
- 6. Allow the trace was allowed to stabilize
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.2.4. Test Setup



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7.2.5. Test Result

| Test Mode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | 99% BW[MHz] | Verdict |
|-----------|---------|---------|-----------------|----------|----------|------------|----------------|---------|
| BLE_1M | Ant1 | 2402 | 0.648 | 2401.664 | 2402.312 | ≥0.5 | 1.0085 | PASS |
| | | 2440 | 0.644 | 2439.664 | 2440.308 | ≥0.5 | 1.0099 | PASS |
| | | 2480 | 0.644 | 2479.664 | 2480.308 | ≥0.5 | 1.0083 | PASS |

Test Graphs of 6dB Bandwidth







Test Graphs of Occupied Channel Bandwidth







Total Power

% of OBW Power x dB

15.3 dBm

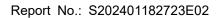
99.00 % -26.00 dB

Occupied Bandwidth
1.0062 MHz

Mar 02, 2024 (m)

-11.979 kHz 1.272 MHz

Transmit Freq Error x dB Bandwidth







7.3. Output Power Measurement

7.3.1. Test Limit

The maximum permissible conducted output power is 1 Watt (30dBm). And for antenna gain greater than 6dBi the limit shall reduce by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

7.3.2. Test Procedure Used

ANSI C63.10-2013 - Section 11.9.1.1

KDB 558074 D01 v05r02 - Section 8.3.1.2

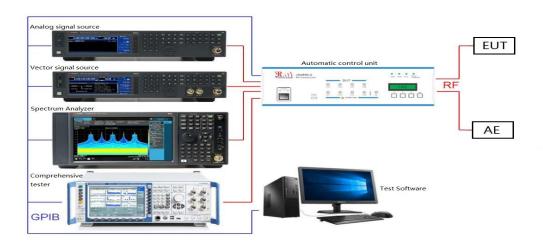
7.3.3. Test Setting

- 1.Set the RBW ≥ DTS bandwidth.
- 2.Set the VBW ≥ $[3 \times RBW]$.
- 3.Set the span ≥[3 × RBW].
- 4.Detector = peak.
- 5.Sweep time = auto couple.
- 6.Trace mode = max hold.
- 7. Allow trace to fully stabilize.
- 8. Use peak marker function to determine the peak amplitude level.

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7.3.4. Test Setup



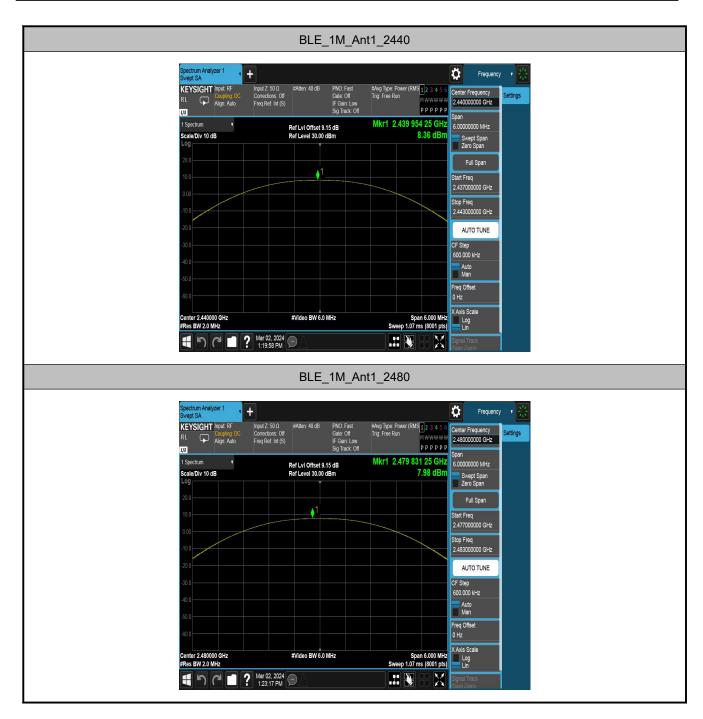
7.3.5. Test Result

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| | | 2402 | 9.52 | ≤30 | PASS |
| BLE_1M | Ant1 | 2440 | 8.36 | ≤30 | PASS |
| | | 2480 | 7.98 | ≤30 | PASS |

Test Graphs









7.4. Power Spectral Density Measurement

7.4.1. Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band. And for antenna gain greater than 6dBi the limit shall reduce by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

7.4.2. Test Procedure Used

KDB 558074 D01 v05r02 - Section 8.4

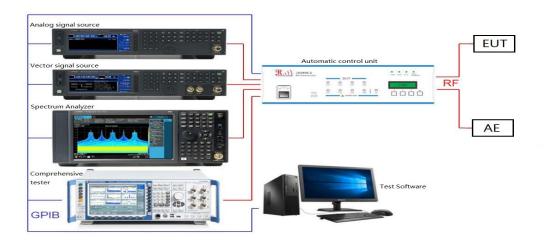
ANSI C63.10 - Section 11.10.2

7.4.3. Test Setting

- 1. Set analyzer center frequency to DTS channel center frequency.
- 2. Set the span to 1.5 times the DTS bandwidth.
- 3. Set the RBW to 3 kHz \leq RBW \leq 100 kHz.
- 4. Set the VBW ≥ [3 × RBW].
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.



7.4.4. Test Setup

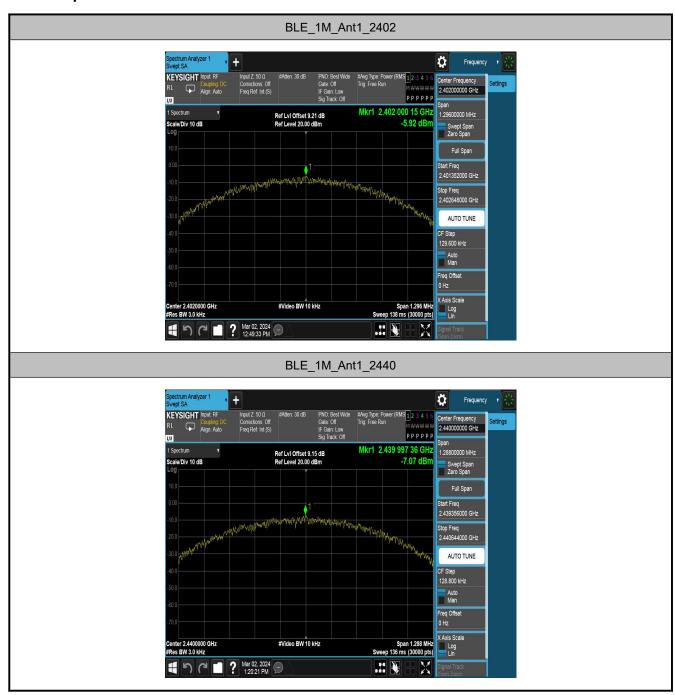




7.4.5. Test Result

| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| | | 2402 | -5.92 | ≤8.00 | PASS |
| BLE_1M | Ant1 | 2440 | -7.07 | ≤8.00 | PASS |
| | | 2480 | -7.56 | ≤8.00 | PASS |

Test Graphs









7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

KDB 558074 D01 v05r02 - Section 8.5 & Section 8.6

ANSI C63.10 - Section 11.11&11.12

7.5.3. Test Settitng

- (a) Set the center frequency and span to encompass frequency range to be measured
- (b) RBW = 100kHz
- (c) VBW = 300kHz
- (d) Detector = Peak
- (e) Trace mode = max hold
- (f) Sweep time = auto couple
- (g) The trace was allowed to stabilize

7.5.4. Test Setup





7.5.5. Test Result

| Test Mode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|-------------|--------------|--------------------|-------------------|-------------|------------|---------|
| | | | Reference | 9.03 | 9.03 | | PASS |
| | | 2402 | 30~1000 | 9.03 | -46.02 | ≤-10.97 | PASS |
| | | | 1000~26500 | 9.03 | -42.84 | ≤-10.97 | PASS |
| | BLE_1M Ant1 | 2440 2480 | Reference | 7.97 | 7.97 | | PASS |
| BLE_1M | | | 30~1000 | 7.97 | -45.34 | ≤-12.03 | PASS |
| | | | 1000~26500 | 7.97 | -44.39 | ≤-12.03 | PASS |
| | | | Reference | 7.63 | 7.63 | | PASS |
| | | | 30~1000 | 7.63 | -44.9 | ≤-12.37 | PASS |
| | | | 1000~26500 | 7.63 | -46.05 | ≤-12.37 | PASS |

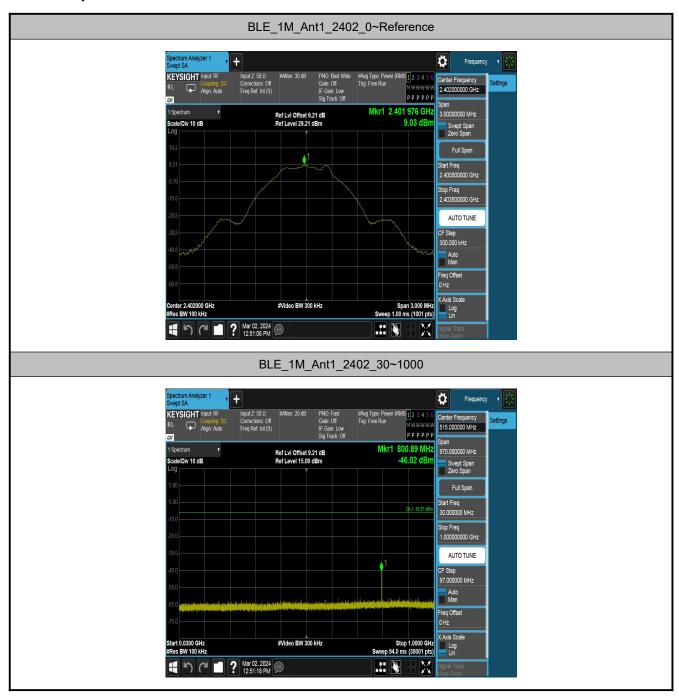


Test Graphs of Conducted Band Edge

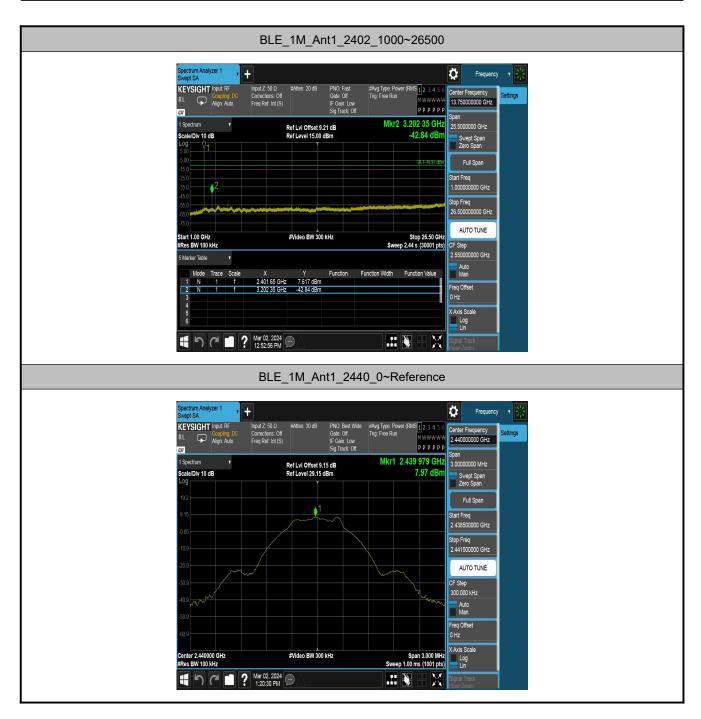




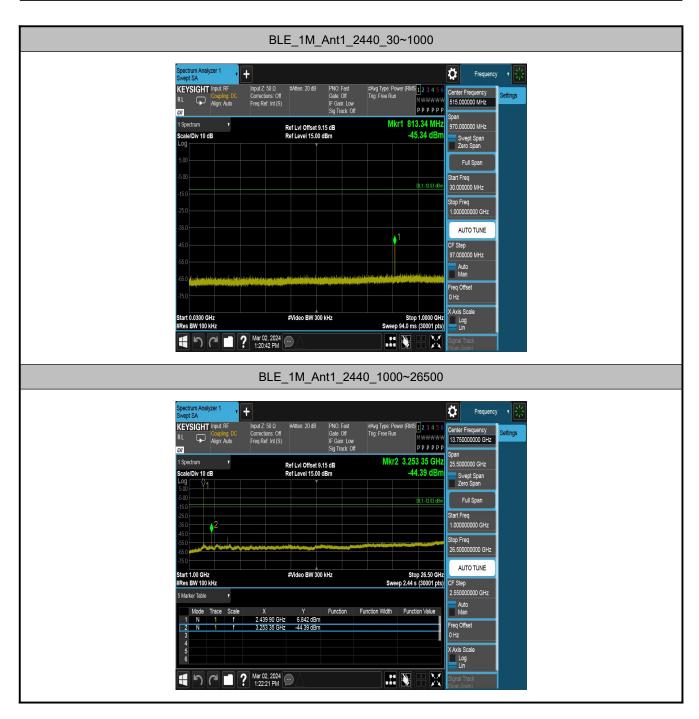
Test Graphs of Out-of-Band Emissions



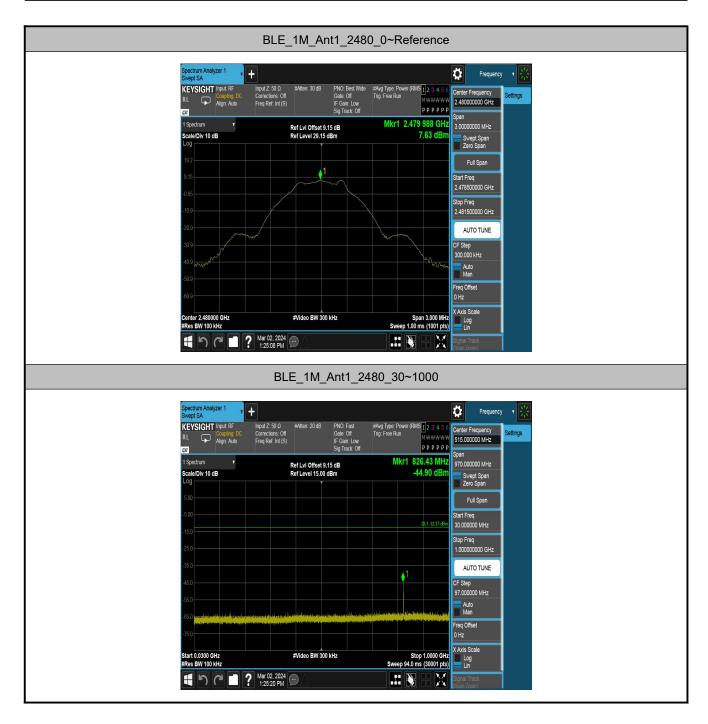




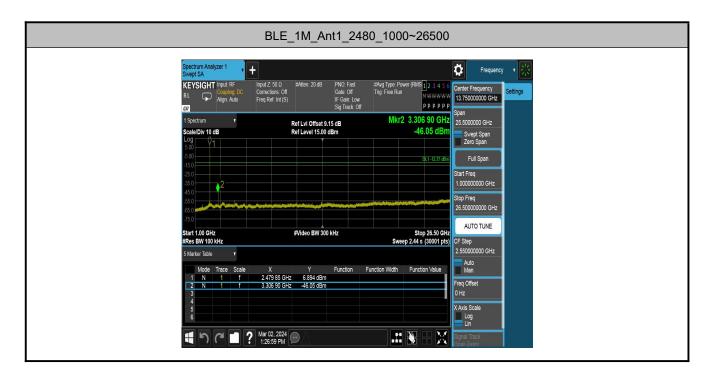














7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 | | | | | | |
|--|--------------------------|-------------------------------|--|--|--|--|
| Frequency [MHz] | Field Strength [uV/m] | Measured Distance [Meters] | | | | |
| 0.009 - 0.490 | 2400/F (kHz) | 300 | | | | |
| 0.490 – 1.705 | 24000/F (kHz) | 30 | | | | |
| 1.705 - 30 | 30 | 30 | | | | |
| 30 - 88 | 100 | 3 | | | | |
| 88 - 216 | 150 | 3 | | | | |
| 216 - 960 | 200 | 3 | | | | |
| Above 960 | 500 | 3 | | | | |

7.6.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.6.4.3

7.6.3. Test Setting

Peak Field Strength Measurements

- Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = as specified in Table 1
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold

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7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

| Frequency | RBW | | |
|---------------|---------------|--|--|
| 9 ~ 150 kHz | 200 ~ 300 Hz | | |
| 0.15 ~ 30 MHz | 9 ~ 10 kHz | | |
| 30 ~ 1000 MHz | 100 ~ 120 kHz | | |
| > 1000 MHz | 1 MHz | | |

Average Field Strength Measurements

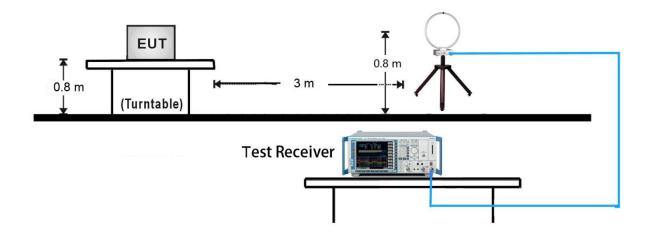
- Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = Power Average (RMS)
- 5. Number of sweep point = 2001 (Number of sweep points must be \geq 2 x span / RBW)
- 6. Sweep time = auto
- 7. Trace (RMS) averaging was performed over at least 100 traces.

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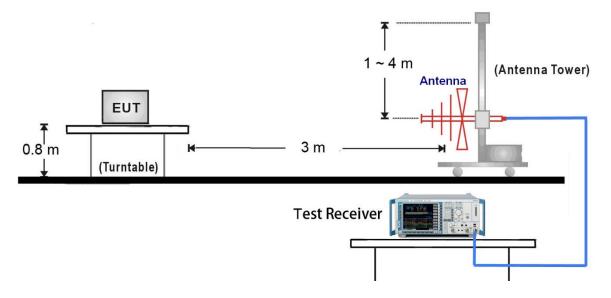


7.6.4. Test Setup

9kHz ~ 30MHz Test Setup:

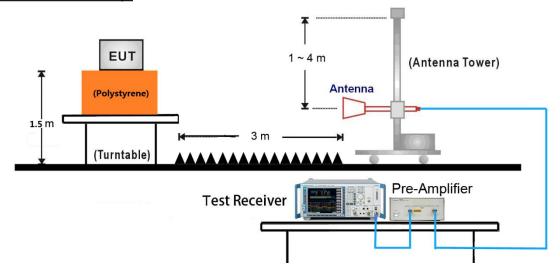


30MHz ~ 1GHz Test Setup:

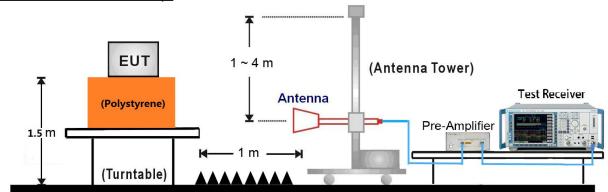




1GHz ~ 18GHz Test Setup:



18GHz ~26.5GHz Test Setup:





7.6.5. Test Result

| Test Mode: | BLE_1M | Test Date: | 2024-03-02 | | | |
|---------------|---|------------------------|---------------------------------|--|--|--|
| Test Channel: | 00 | Test Engineer: | Chuang Li | | | |
| Remark: | Average measurement was not performed if peak level lower than average limit. | | | | | |
| | Other frequency was 20dB below limit | line within 1-18GHz, t | here is not show in the report. | | | |

| Frequency (MHz) | Level (dBµV/m) | Factor (dB) | Limit (dBµV/m) | Margin (dB) | Detector | Polarization |
|--------------------|-------------------|----------------|-------------------|----------------|----------|--------------|
| 4305.0000 | 42.32 | 6.01 | 74.00 | 31.68 | Peak | Horizontal |
| 4525.0000 | 43.03 | 7.04 | 74.00 | 30.97 | Peak | Horizontal |
| 6300.0000 | 46.93 | 11.89 | 74.00 | 27.07 | Peak | Horizontal |
| 8185.0000 | 51.81 | 15.18 | 74.00 | 22.19 | Peak | Horizontal |
| 3840.0000 | 41.44 | 4.63 | 74.00 | 32.56 | Peak | Vertical |
| 4505.0000 | 42.99 | 6.99 | 74.00 | 31.01 | Peak | Vertical |
| 6300.0000 | 47.13 | 11.89 | 74.00 | 26.87 | Peak | Vertical |
| 7955.0000 | 51.81 | 15.62 | 74.00 | 22.19 | Peak | Vertical |

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| Test Mode: | BLE_1M | Test Date: | 2024-03-02 | | | |
|---------------|---|------------------------|---------------------------------|--|--|--|
| Test Channel: | 19 | Test Engineer: | Chuang Li | | | |
| Remark: | Average measurement was not performed if peak level lower than average limit. | | | | | |
| | Other frequency was 20dB below limit | line within 1-18GHz, t | here is not show in the report. | | | |

| Frequency (MHz) | Level (dBµV/m) | Factor (dB) | Limit (dBµV/m) | Margin (dB) | Detector | Polarization |
|--------------------|-------------------|----------------|-------------------|----------------|----------|--------------|
| 3645.0000 | 41.27 | 4.08 | 74.00 | 32.73 | Peak | Horizontal |
| 4800.0000 | 43.81 | 7.11 | 74.00 | 30.19 | Peak | Horizontal |
| 6375.0000 | 47.03 | 12.24 | 74.00 | 26.97 | Peak | Horizontal |
| 7085.0000 | 48.50 | 14.31 | 74.00 | 25.50 | Peak | Horizontal |
| 3685.0000 | 40.78 | 4.12 | 74.00 | 33.22 | Peak | Vertical |
| 4840.0000 | 43.17 | 7.09 | 74.00 | 30.83 | Peak | Vertical |
| 6360.0000 | 47.26 | 12.18 | 74.00 | 26.74 | Peak | Vertical |
| 7945.0000 | 50.53 | 15.59 | 74.00 | 23.47 | Peak | Vertical |



| Test Mode: | BLE_1M | Test Date: | 2024-03-02 | | | |
|---------------|---|------------------------|---------------------------------|--|--|--|
| Test Channel: | 39 | Test Engineer: | Chuang Li | | | |
| Remark: | Average measurement was not performed if peak level lower than average limit. | | | | | |
| | Other frequency was 20dB below limit | line within 1-18GHz, t | here is not show in the report. | | | |

| Frequency (MHz) | Level (dBµV/m) | Factor (dB) | Limit (dBµV/m) | Margin (dB) | Detector | Polarization |
|--------------------|-------------------|----------------|-------------------|----------------|----------|--------------|
| 3810.0000 | 41.44 | 4.50 | 74.00 | 32.56 | Peak | Horizontal |
| 4855.0000 | 42.83 | 7.11 | 74.00 | 31.17 | Peak | Horizontal |
| 6835.0000 | 47.89 | 13.74 | 74.00 | 26.11 | Peak | Horizontal |
| 7945.0000 | 50.74 | 15.59 | 74.00 | 23.26 | Peak | Horizontal |
| 3820.0000 | 41.59 | 4.55 | 74.00 | 32.41 | Peak | Vertical |
| 4795.0000 | 43.48 | 7.10 | 74.00 | 30.52 | Peak | Vertical |
| 6190.0000 | 47.81 | 11.32 | 74.00 | 26.19 | Peak | Vertical |
| 7930.0000 | 50.34 | 15.38 | 74.00 | 23.66 | Peak | Vertical |

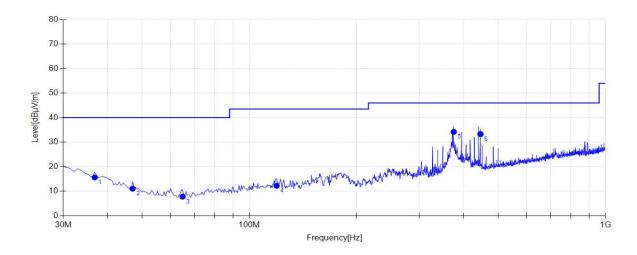


The worst case of Radiated Emission below 1GHz:

30MHz - 1GHz Test Data

| EUT: | Wireless Headset Polarity: | | Horizontal |
|--------------|-------------------------------|-----------|------------|
| Model: | Inspire18 | SN: | N/A |
| Mode: | Transmit at BLE_1M Channel 00 | Voltage: | DC 3.7V |
| Environment: | Temp: 22℃; Humi:52% | Engineer: | Chuang Li |

Test Graph



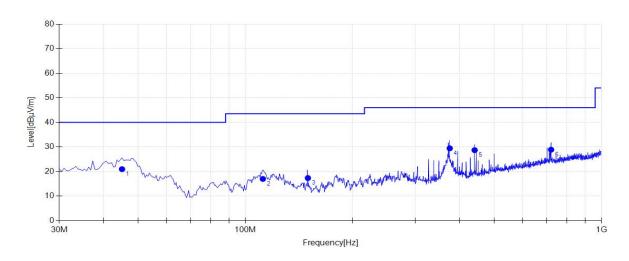
| Final Data List | | | | | | | | |
|-----------------|---------|--------|----------|----------|-----------|--------|-------|------------|
| NO. | Freq. | Factor | QP Value | QP Limit | QP Margin | Height | Angle | Dolority |
| NO. | [MHz] | [dB] | [dBµV/m] | [dBµV/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 36.7900 | 16.27 | 15.64 | 40.00 | 24.36 | 200 | 78 | Horizontal |
| 2 | 46.9750 | 11.07 | 11.07 | 40.00 | 28.93 | 200 | 105 | Horizontal |
| 3 | 64.9200 | 7.67 | 7.83 | 40.00 | 32.17 | 200 | 251 | Horizontal |
| 4 | 119.240 | 11.64 | 12.26 | 43.50 | 31.24 | 200 | 300 | Horizontal |
| 5 | 374.835 | 15.33 | 34.22 | 46.00 | 11.78 | 100 | 330 | Horizontal |
| 6 | 445.645 | 17.44 | 33.32 | 46.00 | 12.68 | 100 | 0 | Horizontal |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: $9kHz \sim 30MHz$, $18GHz \sim 26.5GHz$), therefore no data appear in the report.



| EUT: | Wireless Headset | Polarity: | Vertical |
|--------------|-------------------------------|-----------|-----------|
| Model: | Inspire18 | SN: | N/A |
| Mode: | Transmit at BLE_1M Channel 00 | Voltage: | DC 3.7V |
| Environment: | Temp: 22°C; Humi:52% | Engineer: | Chuang Li |

Test Graph



| Final I | Final Data List | | | | | | | |
|---------|-----------------|--------|----------|----------|-----------|--------|-------|----------|
| NO. | Freq. | Factor | QP Value | QP Limit | QP Margin | Height | Angle | Dolority |
| NO. | [MHz] | [dB] | [dBµV/m] | [dBµV/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 45.0350 | 12.06 | 20.98 | 40.00 | 19.02 | 100 | 217 | Vertical |
| 2 | 111.965 | 11.49 | 17.01 | 43.50 | 26.49 | 100 | 320 | Vertical |
| 3 | 149.795 | 10.84 | 17.37 | 43.50 | 26.13 | 200 | 0 | Vertical |
| 4 | 374.835 | 15.33 | 29.46 | 46.00 | 16.54 | 200 | 213 | Vertical |
| 5 | 440.310 | 17.24 | 28.72 | 46.00 | 17.28 | 200 | 213 | Vertical |
| 6 | 722.095 | 22.16 | 28.90 | 46.00 | 17.10 | 200 | 47 | Vertical |

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: $9kHz \sim 30MHz$, $18GHz \sim 26.5GHz$), therefore no data appear in the report.



7.7. Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

| Frequency (MHz) | Frequency (MHz) | Frequency (MHz) | Frequency (GHz) |
|---------------------|---------------------|--------------------|--------------------|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| 1 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.25 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2690 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | (²) |
| 13.36 - 13.41 | | - | |

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All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

| FCC Part 15 Subpart C Paragraph 15.209 | | | | | | |
|--|----------------|-------------------|--|--|--|--|
| Frequency | Field Strength | Measured Distance | | | | |
| [MHz] | [uV/m] | [Meters] | | | | |
| 0.009 - 0.490 | 2400/F (kHz) | 300 | | | | |
| 0.490 - 1.705 | 24000/F (kHz) | 30 | | | | |
| 1.705 - 30 | 30 | 30 | | | | |
| 30 - 88 | 100 | 3 | | | | |
| 88 - 216 | 150 | 3 | | | | |
| 216 - 960 | 200 | 3 | | | | |
| Above 960 | 500 | 3 | | | | |



For RSS-Gen Section 8.10 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

| Frequency (MHz) | Frequency (MHz) | Frequency (GHz) |
|------------------------|--------------------|--------------------|
| 0.009 - 0.110 | 240 - 285 | 9.0 - 9.2 |
| 2.1735 - 2.1905 | 322 - 335.4 | 9.3 - 9.5 |
| 3.020 - 3.026 | 399.9 - 410 | 10.6 - 12.7 |
| 4.125 - 4.128 | 608 - 614 | 13.25 - 13.4 |
| 4.17725 - 4.17775 | 960 - 1427 | 14.47 - 14.5 |
| 4.20725 - 4.20775 | 1435 - 1626.5 | 15.35 - 16.2 |
| 5.677 - 5.683 | 1645.5 - 1646.5 | 17.7 - 21.4 |
| 6.215 - 6.218 | 1660 - 1710 | 22.01 - 23.12 |
| 6.26775 - 6.26825 | 1718.8 -1722.2 | 23.6 - 24.0 |
| 6.31175 - 6.31225 | 2200 - 2300 | 31.2 - 31.8 |
| 8.291 - 8.294 | 2310 -2390 | 36.43 - 36.5 |
| 8.362 - 8.366 | 2655 - 2900 | Above 38.6 |
| 8.37625 - 8.38675 | 3260 - 3267 | |
| 8.41425 - 8.41475 | 3332 -3339 | |
| 12.29 - 12.293 | 334.5 - 3358 | |
| 12.51975 - 12.52025 | 3500 - 4400 | |
| 12.57675 - 12.57725 | 4500 - 5150 | |
| 13.36 -13.41 | 5350 - 5460 | |
| 16.42 - 16.423 | 7250 - 7750 | |
| 16.69475 - 16.69525 | 8025 - 8500 | |
| 16.80425 - 16.80475 | | |
| 25.5 - 25.67 | | |
| 37.5 - 38.25 | | |
| 73 - 74.6 | | |
| 74.8 - 75.2 | | |
| 108 - 138 | | |
| 156.52475 - 156.525225 | | |
| 156.7 - 156.9 | | |

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All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

| RSS-Gen Section 8.9 | | | | | | |
|---------------------|----------------|-------------------|--|--|--|--|
| Frequency | Field Strength | Measured Distance | | | | |
| [MHz] | [uV/m] | [Meters] | | | | |
| 0.009 - 0.490 | 2400/F (kHz) | 300 | | | | |
| 0.490 - 1.705 | 24000/F (kHz) | 30 | | | | |
| 1.705 - 30 | 30 | 30 | | | | |
| 30 - 88 | 100 | 3 | | | | |
| 88 - 216 | 150 | 3 | | | | |
| 216 - 960 | 200 | 3 | | | | |
| Above 960 | 500 | 3 | | | | |

7.7.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3. Test Setting

Peak Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize



Average Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = Power Average (RMS)
- 5. Number of sweep point = 2001 (Number of sweep points must be ≥ 2 x span / RBW)
- 6. Sweep time = auto
- 7. Trace (RMS) averaging was performed over at least 100 traces.

7.7.4. Test Setup



Report No.: S202401182723E02



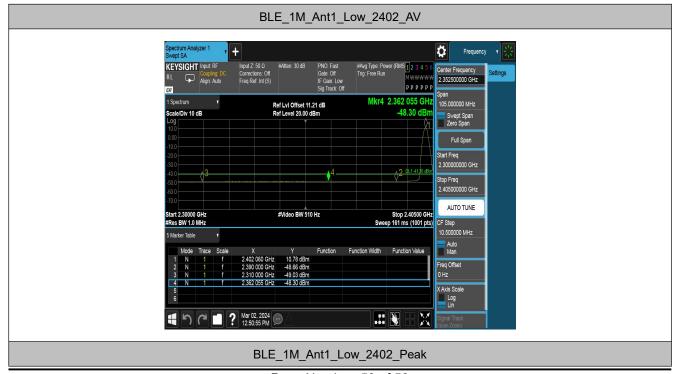
7.7.5. Test Result

| Test | Antonna | Channal | Datastan | Freq | Result | Limit | Result | Limit | \/avaliat |
|--------|---------|---------|----------|----------|--------|---------|----------|----------|-----------|
| Mode | Antenna | Channel | Detector | [MHz] | [dBm] | [dBm] | [dBuV/m] | [dBuV/m] | Verdict |
| | | | AV | 2310.000 | -49.03 | ≤-41.20 | 46.17 | ≤54 | PASS |
| | | | AV | 2362.055 | -48.3 | ≤-41.20 | 46.90 | ≤54 | PASS |
| | | 2402 | AV | 2390.000 | -48.66 | ≤-41.20 | 46.54 | ≤54 | PASS |
| | | 2402 | Peak | 2310.000 | -39.5 | ≤-21.20 | 55.70 | ≤74 | PASS |
| | | | Peak | 2340.845 | -36.85 | ≤-21.20 | 58.35 | ≤74 | PASS |
| | A n+1 | | Peak | 2390.000 | -39.11 | ≤-21.20 | 56.09 | ≤74 | PASS |
| BLE_1M | Ant1 | 2480 | AV | 2483.500 | -45.71 | ≤-41.20 | 49.49 | ≤54 | PASS |
| | | | AV | 2483.520 | -45.71 | ≤-41.20 | 49.49 | ≤54 | PASS |
| | | | AV | 2500.000 | -48.41 | ≤-41.20 | 46.79 | ≤54 | PASS |
| | | | Peak | 2483.500 | -38.33 | ≤-21.20 | 56.87 | ≤74 | PASS |
| | | | Peak | 2484.400 | -37.56 | ≤-21.20 | 57.64 | ≤74 | PASS |
| | | | Peak | 2500.000 | -39.12 | ≤-21.20 | 56.08 | ≤74 | PASS |

Note:

- 1. The Antenna Gain is compensated in the graph.
- 2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

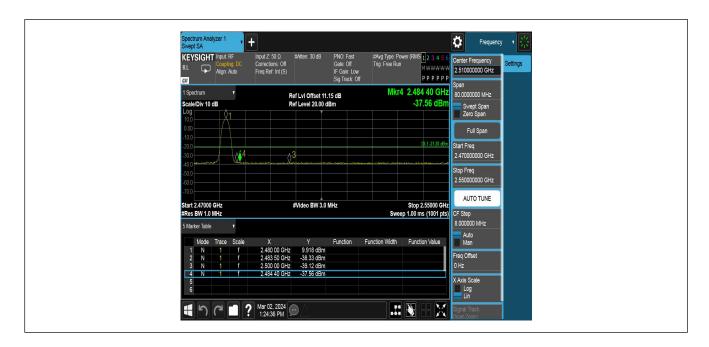


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7.8. AC Conducted Emissions Measurement

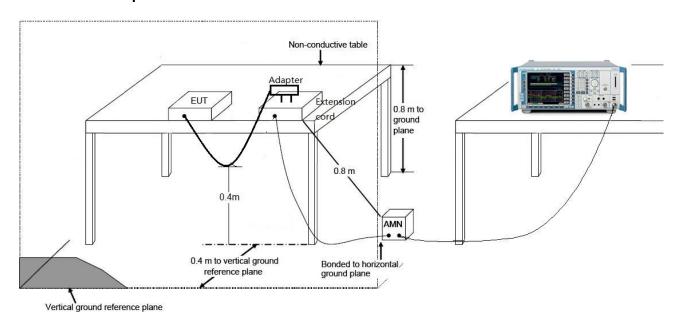
7.8.1. Test Limit

| FCC Part 15 Subpart C Paragraph 15.207 Limits | | | | | | | |
|---|---------|---------|--|--|--|--|--|
| Frequency QP AV (dBuV) (dBuV) | | | | | | | |
| 0.15 - 0.50 | 66 - 56 | 56 – 46 | | | | | |
| 0.50 - 5.0 | 56 | 46 | | | | | |
| 5.0 - 30 | 60 | 50 | | | | | |

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup

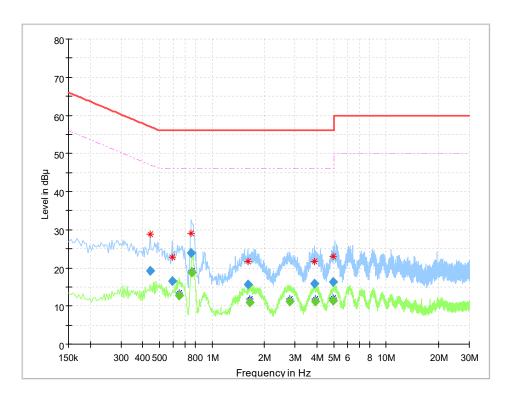




7.8.3. Test Result

The worst case of Conducted Emissions:

| EUT: Model: | Wireless Headset | Polarity: | LINE AC120V/60Hz | | | |
|----------------|-----------------------------------|--------------------|---------------------|--|--|--|
| Environment: | Inspire18 Temp: 22°C; Humi:52% | Voltage: Engineer: | Chuang Li | | | |
| Remark: | Transmit by LE at Channel 2402MHz | | | | | |



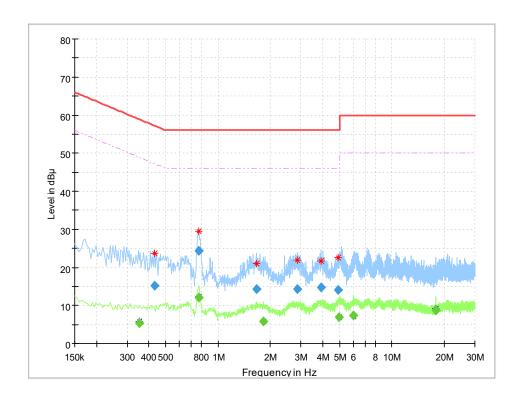
| Frequency | QuasiPeak | Average | Limit | Margin | Meas. | Bandwidth | | =::: | Corr. |
|-----------|-----------|---------|--------|--------|-------|-----------|------|--------|-------|
| (MHz) | (dBuV) | (dBuV) | (dBuV) | (dB) | Time | (kHz) | Line | Filter | (dB) |
| 0.442500 | 19.26 | | 57.02 | 37.76 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 0.591000 | 16.63 | | 56.00 | 39.37 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 0.649500 | | 12.63 | 46.00 | 33.37 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 0.762000 | 23.87 | | 56.00 | 32.13 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 0.766500 | | 18.86 | 46.00 | 27.14 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 1.603500 | 15.71 | | 56.00 | 40.29 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 1.648500 | | 11.03 | 46.00 | 34.97 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 2.782500 | | 11.25 | 46.00 | 34.75 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 3.867000 | 15.86 | | 56.00 | 40.14 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 3.903000 | | 11.16 | 46.00 | 34.84 | 100.0 | 9.000 | L1 | ON | 9.6 |
| 4.987500 | | 11.49 | 46.00 | 34.51 | 100.0 | 9.000 | L1 | ON | 9.7 |
| 4.987500 | 16.32 | | 56.00 | 39.68 | 100.0 | 9.000 | L1 | ON | 9.7 |

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| EUT: | Wireless Headset | Polarity: | NEUTRAL | | | |
|--------------|-----------------------------------|-----------|-------------|--|--|--|
| Model: | Inspire18 | Voltage: | AC120V/60Hz | | | |
| Environment: | Temp: 22℃; Humi:52% | Engineer: | Chuang Li | | | |
| Remark: | Transmit by LE at Channel 2402MHz | | | | | |



| Frequency | QuasiPeak | Average | Limit | Margin | Meas. | Bandwidth | Line | Filter | Corr. |
|-----------|-----------|---------|--------|--------|-------|-----------|------|--------|-------|
| (MHz) | (dBuV) | (dBuV) | (dBuV) | (dB) | Time | (kHz) | | | (dB) |
| 0.352500 | | 5.36 | 48.90 | 43.55 | 100.0 | 9.000 | N | ON | 9.6 |
| 0.433500 | 15.20 | | 57.19 | 41.98 | 100.0 | 9.000 | N | ON | 9.6 |
| 0.775500 | | 12.11 | 46.00 | 33.89 | 100.0 | 9.000 | N | ON | 9.6 |
| 0.775500 | 24.42 | - | 56.00 | 31.58 | 100.0 | 9.000 | N | ON | 9.6 |
| 1.657500 | 14.23 | | 56.00 | 41.77 | 100.0 | 9.000 | N | ON | 9.6 |
| 1.819500 | | 5.81 | 46.00 | 40.19 | 100.0 | 9.000 | N | ON | 9.6 |
| 2.859000 | 14.27 | | 56.00 | 41.73 | 100.0 | 9.000 | N | ON | 9.6 |
| 3.930000 | 14.65 | | 56.00 | 41.35 | 100.0 | 9.000 | N | ON | 9.6 |
| 4.915500 | 14.18 | | 56.00 | 41.82 | 100.0 | 9.000 | N | ON | 9.7 |
| 4.933500 | | 6.86 | 46.00 | 39.14 | 100.0 | 9.000 | N | ON | 9.7 |
| 6.036000 | | 7.32 | 50.00 | 42.68 | 100.0 | 9.000 | N | ON | 9.7 |
| 17.929500 | | 8.68 | 50.00 | 41.32 | 100.0 | 9.000 | N | ON | 9.8 |



8. CONCLUSION

| The data collected relate only the item(s) test | ted and shov | v that the W | ireless Head | set is in con | npliance |
|---|--------------|---------------------|--------------|---------------|----------|
| with Part 15C of the FCC Rules. | | | | | |
| | The End | | | | |