



FCC RF Test Report

APPLICANT : Repairify, Inc.
EQUIPMENT : Diagnostic Tool
BRAND NAME : asTech®
MODEL NAME : AIO-5700-4G
FCC ID : 2A8NIAAI14G
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System
TEST DATE(S) : Mar. 25, 2024 ~ Apr. 28, 2024

This product installed a RF module (Brand Name: Quectel, Model Name: SC668S-NA, FCC ID: XMR2022SC668SNA) during the test, only Conducted Power, AC Conducted Emission and RSE test items are tested in this report, all the other test results are leveraged from module RF report.

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia



Approved by: Jason Jia

Sportun International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China



TABLE OF CONTENTS

| | |
|---|-----------|
| REVISION HISTORY..... | 3 |
| SUMMARY OF TEST RESULT | 4 |
| 1 GENERAL DESCRIPTION..... | 5 |
| 1.1 Applicant | 5 |
| 1.2 Manufacturer..... | 5 |
| 1.3 Product Feature of Equipment Under Test..... | 5 |
| 1.4 Product Specification of Equipment Under Test..... | 5 |
| 1.5 Modification of EUT | 5 |
| 1.6 Testing Location | 6 |
| 1.7 Test Software..... | 6 |
| 1.8 Applicable Standards..... | 6 |
| 2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST..... | 7 |
| 2.1 Carrier Frequency Channel | 7 |
| 2.2 Test Mode..... | 8 |
| 2.3 Connection Diagram of Test System..... | 9 |
| 2.4 Support Unit used in test configuration and system..... | 9 |
| 2.5 EUT Operation Test Setup | 9 |
| 3 TEST RESULT | 10 |
| 3.1 Output Power Measurement..... | 10 |
| 3.2 Radiated Band Edges and Spurious Emission Measurement | 12 |
| 3.3 AC Conducted Emission Measurement..... | 16 |
| 3.4 Antenna Requirements..... | 18 |
| 4 LIST OF MEASURING EQUIPMENT..... | 19 |
| 5 MEASUREMENT UNCERTAINTY | 20 |
| APPENDIX A. AC CONDUCTED EMISSION TEST RESULT | |
| APPENDIX B. RADIATED SPURIOUS EMISSION | |
| APPENDIX C. DUTY CYCLE PLOTS | |
| APPENDIX D. SETUP PHOTOGRAPHS | |



REVISION HISTORY



SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result | Remark |
|----------------|--------------------|--|-----------------------|-------------|------------------------------------|
| - | 15.247(a)(2) | 6dB Bandwidth | ≥ 0.5MHz | Pass | 1 |
| - | - | 99% Bandwidth | - | Report only | 1 |
| 3.1 | 15.247(b)(3) | Peak Output Power | ≤ 30dBm | Pass | - |
| - | 15.247(e) | Power Spectral Density | ≤ 8dBm/3kHz | Pass | 1 |
| - | 15.247(d) | Conducted Band Edges and Spurious Emission | ≤ 20dBc | Pass | 1 |
| 3.2 | 15.247(d) | Radiated Band Edges and Spurious Emission | 15.209(a) & 15.247(d) | Pass | Under limit 8.66 dB at 2498.98 MHz |
| 3.3 | 15.207 | AC Conducted Emission | 15.207(a) | Pass | Under limit 12.02 dB at 0.341 MHz |
| 3.4 | 15.203 & 15.247(b) | Antenna Requirement | 15.203 & 15.247(b) | Pass | - |

Remark: The conducted test results were leveraged from module RF report which can refer to Report No. 311713A.

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

Repairify, Inc.

5700 Tennyson PKWY, STE 600, Plano, TX 75024

1.2 Manufacturer

Launch Tech Co., Ltd.

Launch Industrial Park, North of Wuhe Avenue, Banxuegang, Longgang, Shenzhen 518031

1.3 Product Feature of Equipment Under Test

| Product Feature | |
|-----------------|---|
| Equipment | Diagnostic Tool |
| Brand Name | asTech® |
| Model Name | AIO-5700-4G |
| FCC ID | 2A8NIAAI14G |
| IMEI Code | Conducted: 865696060076162/866914028793748 Conduction: 865696060076162/866914028793748 Radiation: 865696060076063/866914028793730 |
| HW Version | V1.2 |
| SW Version | SC668SNANAR02A05_BP01.001V02_QDM550 |
| EUT Stage | Identical Prototype |

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification | |
|---|--|
| Tx/Rx Frequency Range | 2402 MHz ~ 2480 MHz |
| Number of Channels | 40 |
| Carrier Frequency of Each Channel | 40 Channel(37 hopping + 3 advertising channel) |
| Maximum Output Power to Antenna | BLE 1Mbps: -1.11 dBm (0.0008 W) BLE 2Mbps: -0.92 dBm (0.0008 W) |
| Antenna Type / Gain | IFA Antenna with gain 1.71 dBi |
| Type of Modulation | Bluetooth LE : GFSK |

1.5 Modification of EUT

No modifications are made to the EUT during all test items.



1.6 Testing Location

Sportun International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

| | | | |
|---------------------------|--|----------------------------|---------------------------------------|
| Test Firm | Sportun International Inc. (Kunshan) | | |
| Test Site Location | No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 | | |
| Test Site No. | Sportun Site No. | FCC Designation No. | FCC Test Firm Registration No. |
| | CO01-KS 03CH08-KS TH01-KS | CN1257 | 314309 |

1.7 Test Software

| Item | Site | Manufacturer | Name | Version |
|------|-----------|--------------|--------------------------------------|-------------|
| 1. | TH01-KS | Tonscend | JS1120-3 test system China_210602 | 3.3.10 |
| 2. | 03CH08-KS | AUDIX | E3 | 210616 |
| 3. | CO01-KS | AUDIX | E3 | 6.2009-8-24 |

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|-----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 0 | 2402 | 21 | 2444 |
| | 1 | 2404 | 22 | 2446 |
| | 2 | 2406 | 23 | 2448 |
| | 3 | 2408 | 24 | 2450 |
| | 4 | 2410 | 25 | 2452 |
| | 5 | 2412 | 26 | 2454 |
| | 6 | 2414 | 27 | 2456 |
| | 7 | 2416 | 28 | 2458 |
| | 8 | 2418 | 29 | 2460 |
| | 9 | 2420 | 30 | 2462 |
| | 10 | 2422 | 31 | 2464 |
| | 11 | 2424 | 32 | 2466 |
| | 12 | 2426 | 33 | 2468 |
| | 13 | 2428 | 34 | 2470 |
| | 14 | 2430 | 35 | 2472 |
| | 15 | 2432 | 36 | 2474 |
| | 16 | 2434 | 37 | 2476 |
| | 17 | 2436 | 38 | 2478 |
| | 18 | 2438 | 39 | 2480 |
| | 19 | 2440 | - | - |
| | 20 | 2442 | - | - |



2.2 Test Mode

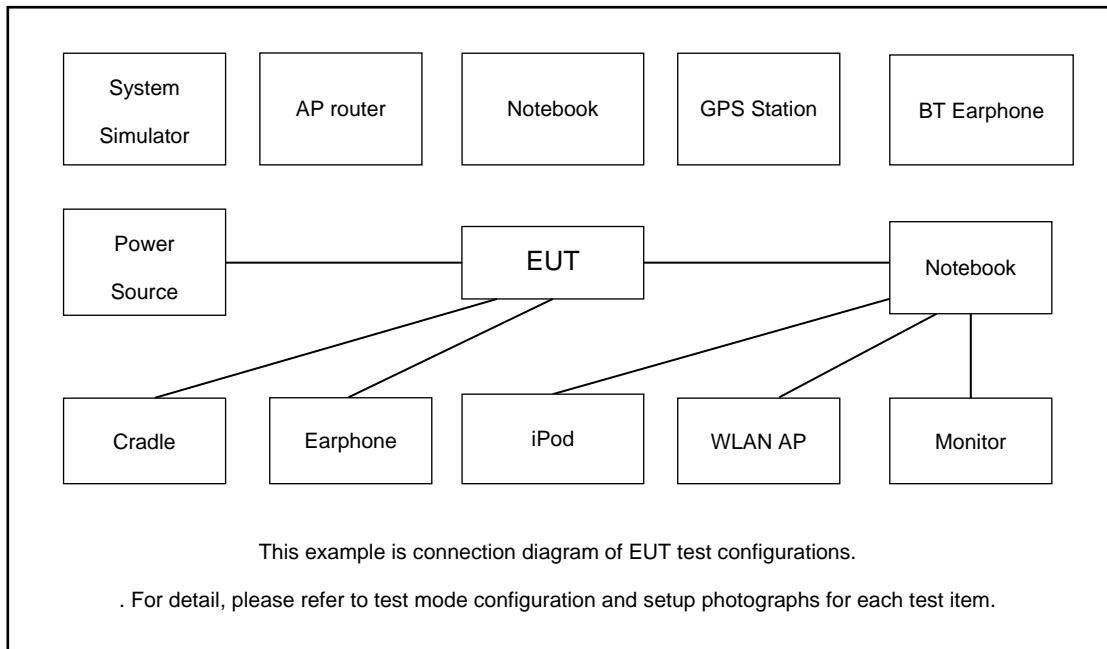
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

| Summary table of Test Cases | |
|-----------------------------|--|
| Test Item | Data Rate / Modulation |
| | Bluetooth – LE / GFSK |
| Conducted TCs | Mode 1: Bluetooth Tx CH00_2402 MHz_BLE 1Mbps Mode 2: Bluetooth Tx CH19_2440 MHz_BLE 1Mbps Mode 3: Bluetooth Tx CH39_2480 MHz_BLE 1Mbps Mode 4: Bluetooth Tx CH00_2402 MHz_BLE 2Mbps Mode 5: Bluetooth Tx CH19_2440 MHz_BLE 2Mbps Mode 6: Bluetooth Tx CH39_2480 MHz_BLE 2Mbps |
| Radiated TCs | Mode 1: Bluetooth Tx CH00_2402 MHz_BLE 1Mbps Mode 2: Bluetooth Tx CH19_2440 MHz_BLE 1Mbps Mode 3: Bluetooth Tx CH39_2480 MHz_BLE 1Mbps Mode 4: Bluetooth Tx CH00_2402 MHz_BLE 2Mbps Mode 5: Bluetooth Tx CH19_2440 MHz_BLE 2Mbps Mode 6: Bluetooth Tx CH39_2480 MHz_BLE 2Mbps |
| AC Conducted Emission | Mode 1: Band 26 RX(Middle)+ BT Link+ WLAN Link(2.4G)+ USB cable TYPE-C(from Adapter) |

| Simultaneous transmission |
|---|
| Bluetooth LE(2 Mbps) CH39(2480MHz)+ LTE Band 13 BW=5M |

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

| Item | Equipment | Trade Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|--------------------|------------|---------------|---------------|------------|--|
| 1. | System Simulator | Anritus | MT8821C | N/A | N/A | Unshielded, 1.8m |
| 2. | Notebook | Lenovo | G480 | QDS-BRCM1050I | N/A | AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m |
| 3. | WLAN AP | D-link | DIR-655 | KA21R655B1 | N/A | Unshielded, 1.8m |
| 4. | Bluetooth Earphone | Lenovo | thinkplus-BH3 | N/A | N/A | N/A |
| 5. | SD Card | Kingston | 8GB | N/A | N/A | N/A |

2.5 EUT Operation Test Setup

For BLE function, the engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

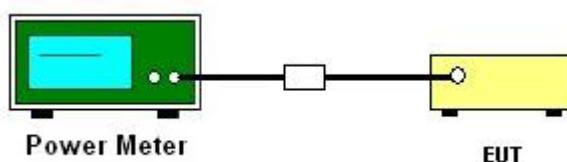
3.1.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.1.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.1.4 Test Setup





3.1.5 Test Result of Peak Output Power

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|------|-----------|-----|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| BLE | 1Mbps | 1 | 0 | 2402 | -2.49 | 30.00 | 1.71 | -0.78 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | -1.98 | 30.00 | 1.71 | -0.27 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | -1.11 | 30.00 | 1.71 | 0.60 | 36.00 | Pass |

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|------|-----------|-----|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| BLE | 2Mbps | 1 | 0 | 2402 | -2.16 | 30.00 | 1.71 | -0.45 | 36.00 | Pass |
| BLE | 2Mbps | 1 | 19 | 2440 | -1.66 | 30.00 | 1.71 | 0.05 | 36.00 | Pass |
| BLE | 2Mbps | 1 | 39 | 2480 | -0.92 | 30.00 | 1.71 | 0.79 | 36.00 | Pass |

3.1.6 Test Result of Average Output Power (Reporting Only)

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
|------|-----------|-----|-----|-------------|------------------|-------------------------------|
| BLE | 1Mbps | 1 | 0 | 2402 | 2.04 | -2.64 |
| BLE | 1Mbps | 1 | 19 | 2440 | 2.04 | -2.25 |
| BLE | 1Mbps | 1 | 39 | 2480 | 2.04 | -1.31 |

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
|------|-----------|-----|-----|-------------|------------------|-------------------------------|
| BLE | 2Mbps | 1 | 0 | 2402 | 4.83 | -2.76 |
| BLE | 2Mbps | 1 | 19 | 2440 | 4.83 | -2.22 |
| BLE | 2Mbps | 1 | 39 | 2480 | 4.83 | -1.55 |

Note: Power setting is default.



3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|--------------------|--------------------------------------|----------------------------------|
| 0.009 – 0.490 | 2400/F(kHz) | 300 |
| 0.490 – 1.705 | 24000/F(kHz) | 30 |
| 1.705 – 30.0 | 30 | 30 |
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

3.2.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.



3.2.3 Test Procedures

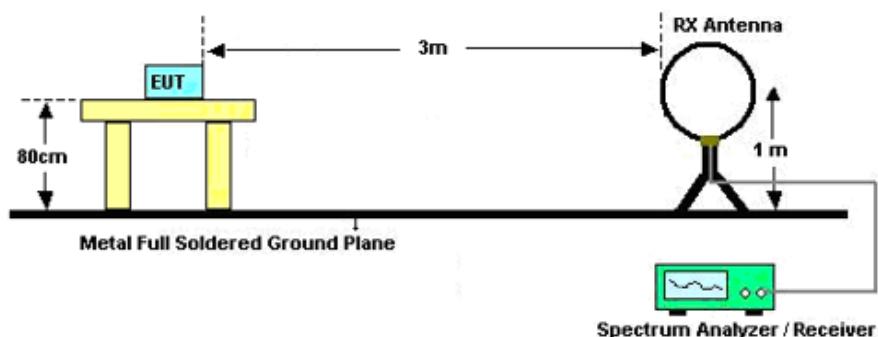
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW \geq RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.

For average measurement:

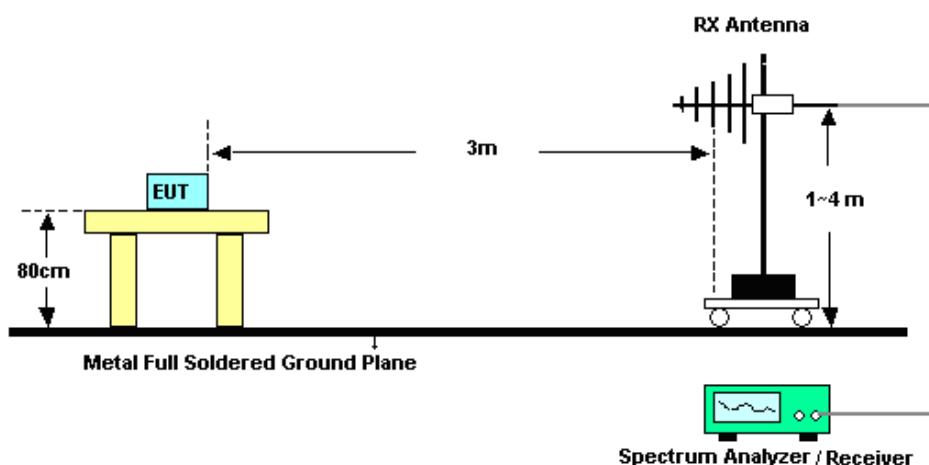
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.2.4 Test Setup

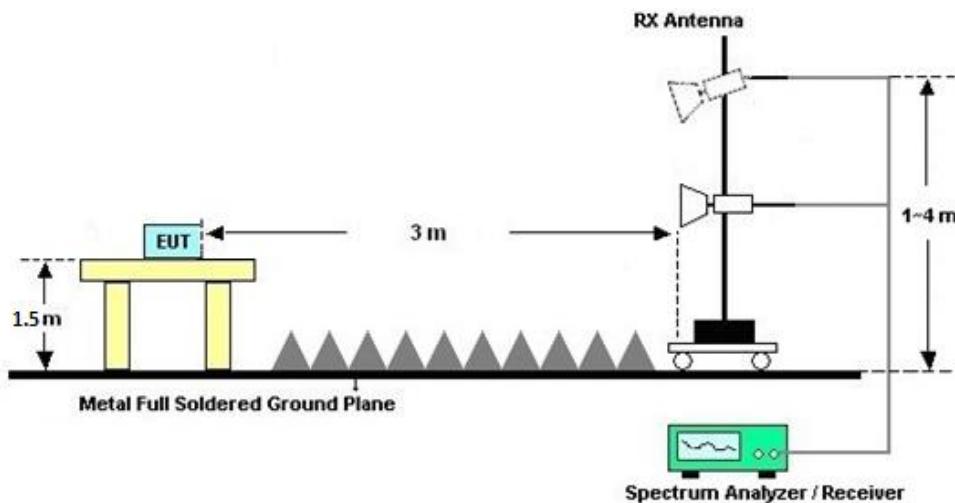
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.2.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.2.7 Duty Cycle

Please refer to Appendix C.

3.2.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix B.



3.3 AC Conducted Emission Measurement

3.3.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dB μ V) | |
|-----------------------------|------------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

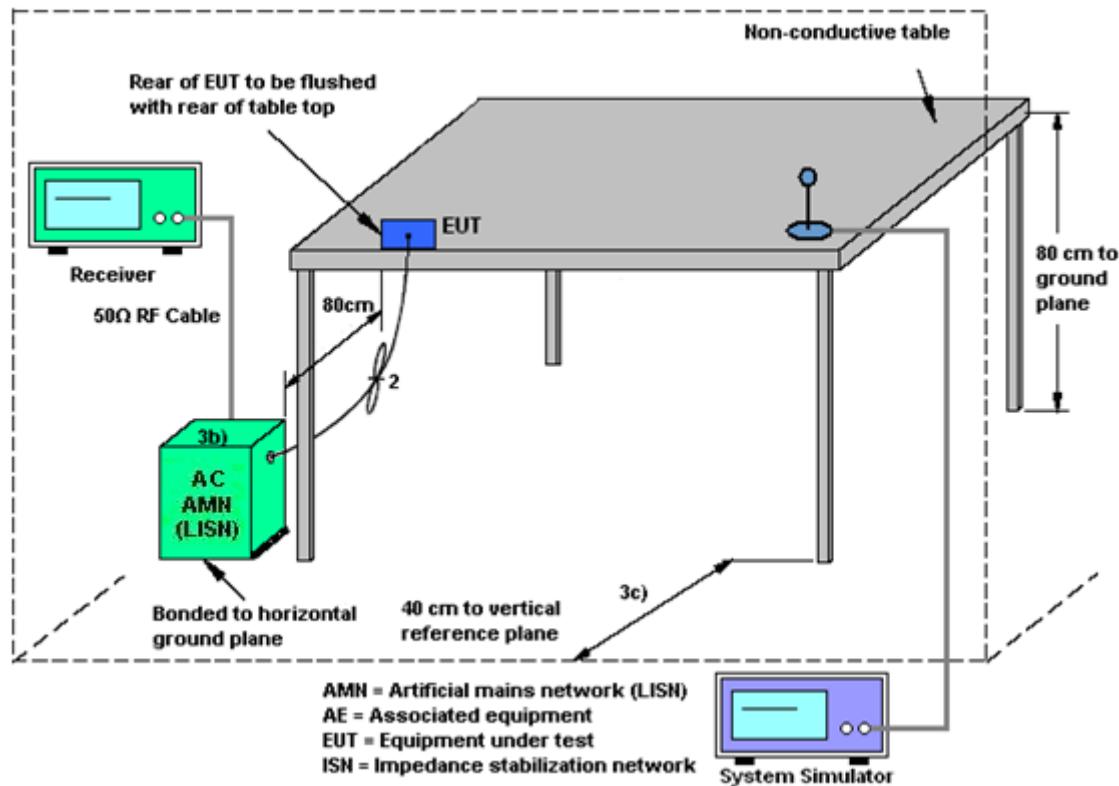
3.3.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.3.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.3.4 Test Setup



3.3.5 Test Result of AC Conducted Emission

Please refer to Appendix A.



3.4 Antenna Requirements

3.4.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. 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 rule.

3.4.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.4.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-----------------------------------|--------------|-------------|---------------|-------------------------|------------------|---------------|---------------|-----------------------|
| Spectrum Analyzer | R&S | FSV40 | 101040 | 10Hz~40GHz | Oct. 11, 2023 | Apr. 28, 2024 | Oct. 10, 2024 | Conducted (TH01-KS) |
| Pulse Power Senor | Anritsu | MA2411B | 0917070 | 300MHz~40GHz | Jan. 02, 2024 | Apr. 28, 2024 | Jan. 01, 2025 | Conducted (TH01-KS) |
| Power Meter | Anritsu | ML2495A | 1005002 | 50MHz Bandwidth | Jan. 02, 2024 | Apr. 28, 2024 | Jan. 01, 2025 | Conducted (TH01-KS) |
| EMI Test Receiver | Keysight | N9038A | MY564000 23 | 3Hz~8.5GHz; Max 30dBm | Jan. 04, 2024 | Apr. 12, 2024 | Jan. 03, 2025 | Radiation (03CH08-KS) |
| Spectrum Analyzer | R&S | FSV40 | 101932 | 10kHz~40GHz; Max 30dBm | Oct. 10, 2023 | Apr. 12, 2024 | Oct. 09, 2024 | Radiation (03CH08-KS) |
| Loop Antenna | R&S | HFH2-Z2E | 101125 | 9kHz~30MHz | Oct. 10, 2023 | Apr. 12, 2024 | Oct. 09, 2024 | Radiation (03CH08-KS) |
| Bilog Antenna | TESEQ& VGT | CBL 61110 | 59915 | 30MHz-1GHz | Aug. 12, 2023 | Apr. 12, 2024 | Aug. 11, 2024 | Radiation (03CH08-KS) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117 | 75959 | 1GHz~18GHz | Mar. 01, 2024 | Apr. 12, 2024 | Feb. 28, 2025 | Radiation (03CH08-KS) |
| high gain Amplifier | EM | EM01G18GA | 060845 | 1Ghz-18Ghz | Jan. 05, 2024 | Apr. 12, 2024 | Jan. 04, 2025 | Radiation (03CH08-KS) |
| SHF-EHF Horn | Com-power | AH-840 | 101070 | 18GHz~40GHz | Jan. 05, 2024 | Apr. 12, 2024 | Jan. 04, 2025 | Radiation (03CH08-KS) |
| Amplifier | SONOMA | 310N | 413741 | 9KHz-1GHz | Jan. 05, 2024 | Apr. 12, 2024 | Jan. 04, 2025 | Radiation (03CH08-KS) |
| Amplifier | EM | EM01G18GA | 060834 | 1Ghz-18Ghz | Oct. 10, 2023 | Apr. 12, 2024 | Oct. 09, 2024 | Radiation (03CH08-KS) |
| Amplifier | MITEQ | EM18G40GG A | 060728 | 18~40GHz | Jan. 04, 2024 | Apr. 12, 2024 | Jan. 03, 2025 | Radiation (03CH08-KS) |
| AC Power Source | Chroma | 61601 | 616010002 473 | N/A | NCR | Apr. 12, 2024 | NCR | Radiation (03CH08-KS) |
| Turn Table | EM | EM 1000-T | N/A | 0~360 degree | NCR | Apr. 12, 2024 | NCR | Radiation (03CH08-KS) |
| Antenna Mast | EM | EM 1000-A | N/A | 1 m~4 m | NCR | Apr. 12, 2024 | NCR | Radiation (03CH08-KS) |
| EMI Receiver | R&S | ESCI7 | 100768 | 9kHz~7GHz; | May 16, 2023 | Mar. 25, 2024 | May 15, 2024 | Conduction (CO01-KS) |
| AC LISN (for auxiliary equipment) | MessTec | AN3016 | 060103 | 9kHz~30MHz | Oct. 11, 2023 | Mar. 25, 2024 | Oct. 10, 2024 | Conduction (CO01-KS) |
| AC LISN | MessTec | AN3016 | 060105 | 9kHz~30MHz | May 16, 2023 | Mar. 25, 2024 | May 15, 2024 | Conduction (CO01-KS) |
| AC Power Source | Chroma | 61602 | ABP00000 0811 | AC 0V~300V, 45Hz~1000Hz | Oct. 11, 2023 | Mar. 25, 2024 | Oct. 10, 2024 | Conduction (CO01-KS) |

NCR: No Calibration Required



5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

| | |
|-----------------|----------|
| Conducted Power | ±0.46 dB |
|-----------------|----------|

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

| | |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{C(y)}$) | 2.84 dB |
|---|---------|

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

| | |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{C(y)}$) | 3.32 dB |
|---|---------|

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{C(y)}$) | 6.28 dB |
|---|---------|

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

| | |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{C(y)}$) | 4.90 dB |
|---|---------|

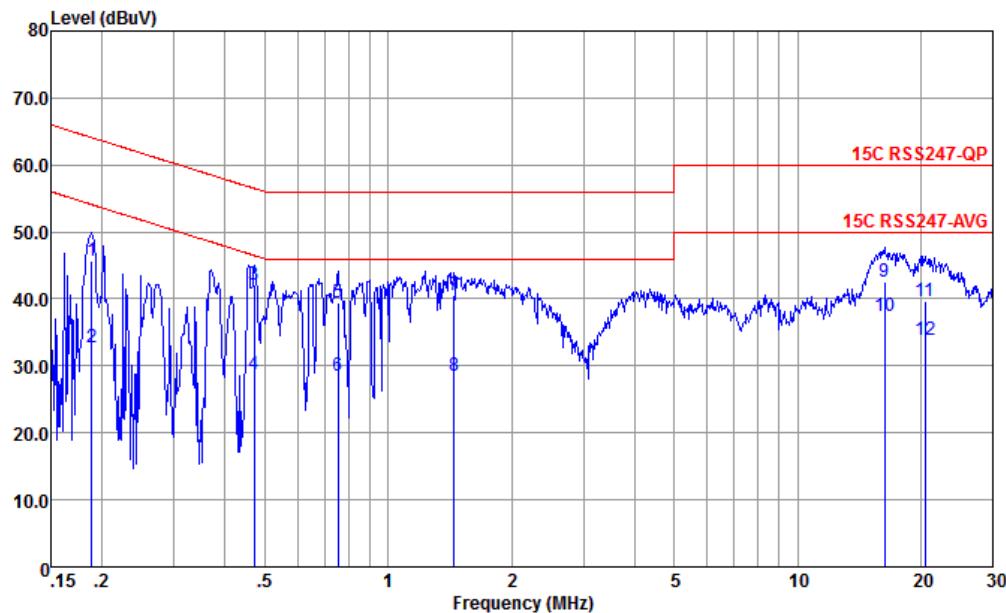
Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

| | |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{C(y)}$) | 5.26 dB |
|---|---------|

----- THE END -----

Appendix A. AC Conducted Emission Test Results

| | | | |
|------------------------|---|----------------------------|-------------|
| Test Engineer : | Amos Zhang | Temperature : | 25.3~26.2°C |
| | | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |

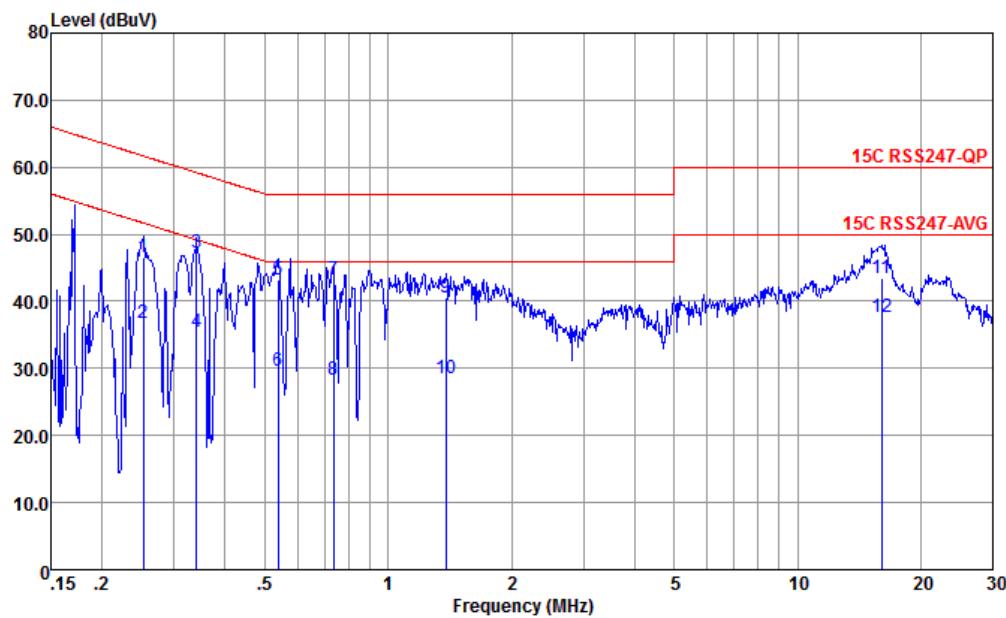


Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-L 2023 LINE

| | Freq | Level | Over Limit | Limit | Read Line | LISN Level | Cable Factor | Loss | Remark |
|------|--------|-------|------------|-------|-----------|------------|--------------|---------|--------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | dB | |
| 1 | 0.188 | 45.65 | -18.46 | 64.11 | 35.21 | 0.03 | 10.41 | QP | |
| 2 | 0.188 | 32.75 | -21.36 | 54.11 | 22.31 | 0.03 | 10.41 | Average | |
| 3 | 0.471 | 42.01 | -14.48 | 56.49 | 31.79 | -0.02 | 10.24 | QP | |
| 4 | 0.471 | 28.81 | -17.68 | 46.49 | 18.59 | -0.02 | 10.24 | Average | |
| 5 | 0.755 | 39.55 | -16.45 | 56.00 | 29.51 | -0.08 | 10.12 | QP | |
| 6 | 0.755 | 28.55 | -17.45 | 46.00 | 18.51 | -0.08 | 10.12 | Average | |
| 7 | 1.449 | 40.46 | -15.54 | 56.00 | 30.50 | -0.12 | 10.08 | QP | |
| 8 | 1.449 | 28.46 | -17.54 | 46.00 | 18.50 | -0.12 | 10.08 | Average | |
| 9 | 16.312 | 42.56 | -17.44 | 60.00 | 31.50 | -0.19 | 11.25 | QP | |
| 10 * | 16.312 | 37.36 | -12.64 | 50.00 | 26.30 | -0.19 | 11.25 | Average | |
| 11 | 20.486 | 39.60 | -20.40 | 60.00 | 28.60 | -0.36 | 11.36 | QP | |
| 12 | 20.486 | 33.90 | -16.10 | 50.00 | 22.90 | -0.36 | 11.36 | Average | |



| | | | |
|------------------------|---|----------------------------|-------------|
| Test Engineer : | Amos Zhang | Temperature : | 25.3~26.2°C |
| Test Voltage : | 120Vac / 60Hz | Relative Humidity : | 38~40% |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-N 2023 NEUTRAL

| Freq | Level | Over Limit | Limit | Read | | LISN | Cable | Remark |
|------|--------|------------|--------|-------|-------|-------|-------|---------|
| | | | | Line | Level | | | |
| MHz | dBuV | dB | dBuV | dBuV | dB | dB | dB | |
| 1 | 0.252 | 46.56 | -15.13 | 61.69 | 36.19 | 0.00 | 10.37 | QP |
| 2 | 0.252 | 36.66 | -15.03 | 51.69 | 26.29 | 0.00 | 10.37 | Average |
| 3 * | 0.341 | 47.16 | -12.02 | 59.18 | 36.90 | -0.05 | 10.31 | QP |
| 4 | 0.341 | 35.46 | -13.72 | 49.18 | 25.20 | -0.05 | 10.31 | Average |
| 5 | 0.538 | 43.33 | -12.67 | 56.00 | 33.20 | -0.07 | 10.20 | QP |
| 6 | 0.538 | 29.73 | -16.27 | 46.00 | 19.60 | -0.07 | 10.20 | Average |
| 7 | 0.735 | 43.26 | -12.74 | 56.00 | 33.20 | -0.07 | 10.13 | QP |
| 8 | 0.735 | 28.26 | -17.74 | 46.00 | 18.20 | -0.07 | 10.13 | Average |
| 9 | 1.381 | 40.57 | -15.43 | 56.00 | 30.60 | -0.11 | 10.08 | QP |
| 10 | 1.381 | 28.57 | -17.43 | 46.00 | 18.60 | -0.11 | 10.08 | Average |
| 11 | 16.055 | 43.40 | -16.60 | 60.00 | 32.30 | -0.14 | 11.24 | QP |
| 12 | 16.055 | 37.70 | -12.30 | 50.00 | 26.60 | -0.14 | 11.24 | Average |

Note:

1. Level(dB μ V) = Read Level(dB μ V) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dB μ V) - Limit Line(dB μ V)



Appendix B. Radiated Spurious Emission Test Data

| | | | | |
|-----------------|--------|---------------------|--|---------|
| Test Engineer : | Koi Ji | Relative Humidity : | | 41~42% |
| | | Temperature : | | 22~23°C |

Radiated Spurious Emission Test Modes

| Mode | Band (MHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|--------|-------------|---------|--------------|---------|-----------|-----------|----|--------|
| Mode 1 | 2400-2483.5 | 3 | Bluetooth-LE | 00 | 2402 | 1Mbps | - | - |
| Mode 2 | 2400-2483.5 | 3 | Bluetooth-LE | 19 | 2440 | 1Mbps | - | - |
| Mode 3 | 2400-2483.5 | 3 | Bluetooth-LE | 39 | 2480 | 1Mbps | - | - |
| Mode 4 | 2400-2483.5 | 3 | Bluetooth-LE | 00 | 2402 | 2Mbps | - | - |
| Mode 5 | 2400-2483.5 | 3 | Bluetooth-LE | 19 | 2440 | 2Mbps | - | - |
| Mode 6 | 2400-2483.5 | 3 | Bluetooth-LE | 39 | 2480 | 2Mbps | - | - |

Co-location

| Mode | Band (MHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|--------|-------------|---------|--------------|---------|-----------|-----------|----|--------|
| Mode 7 | 2400-2483.5 | 3 | Bluetooth-LE | 39 | 2480 | 2Mbps | - | - |

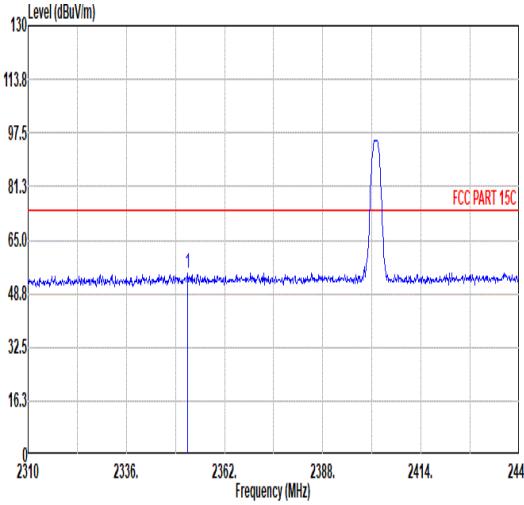
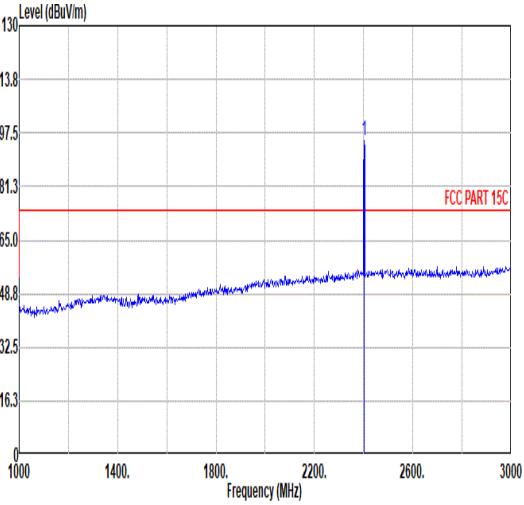
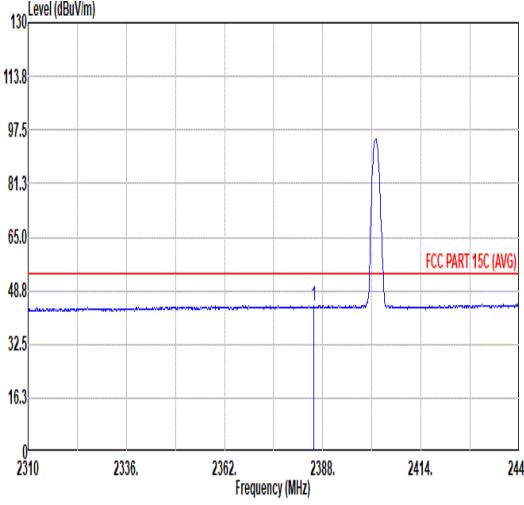
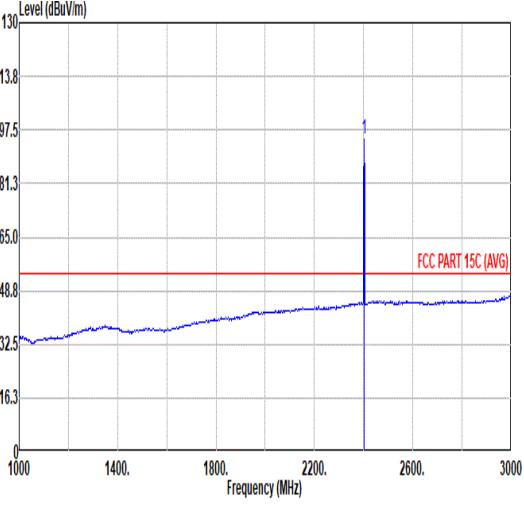
Summary of each worse mode

| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark |
|------|--------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1 | Bluetooth-LE | 00 | 2378.25 | 44.30 | 54.00 | -9.70 | V | AVERAGE | Pass | Band Edge |
| 1 | Bluetooth-LE | 00 | 4804.00 | 39.68 | 74.00 | -34.32 | H | PEAK | Pass | Harmonic |
| 2 | Bluetooth-LE | 19 | - | - | - | - | - | - | - | Band Edge |
| 2 | Bluetooth-LE | 19 | 7320.00 | 42.88 | 74.00 | -31.12 | H | PEAK | Pass | Harmonic |
| 3 | Bluetooth-LE | 39 | 2490.76 | 44.46 | 54.00 | -9.54 | H | AVERAGE | Pass | Band Edge |
| 3 | Bluetooth-LE | 39 | 7440.00 | 43.74 | 74.00 | -30.26 | V | PEAK | Pass | Harmonic |
| 4 | Bluetooth-LE | 00 | 2381.76 | 44.98 | 54.00 | -9.02 | V | AVERAGE | Pass | Band Edge |
| 4 | Bluetooth-LE | 00 | 4804.00 | 40.22 | 74.00 | -33.78 | H | PEAK | Pass | Harmonic |
| 5 | Bluetooth-LE | 19 | - | - | - | - | - | - | - | Band Edge |
| 5 | Bluetooth-LE | 19 | 7320.00 | 42.48 | 74.00 | -31.52 | V | PEAK | Pass | Harmonic |
| 6 | Bluetooth-LE | 39 | 2494.78 | 45.18 | 54.00 | -8.82 | V | AVERAGE | Pass | Band Edge |
| 6 | Bluetooth-LE | 39 | 7440.00 | 42.65 | 74.00 | -31.35 | H | PEAK | Pass | Harmonic |

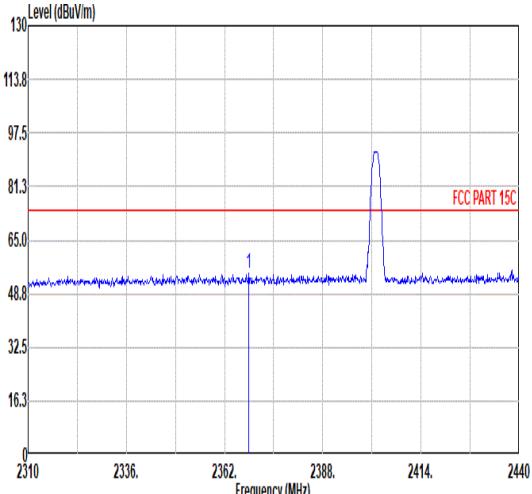
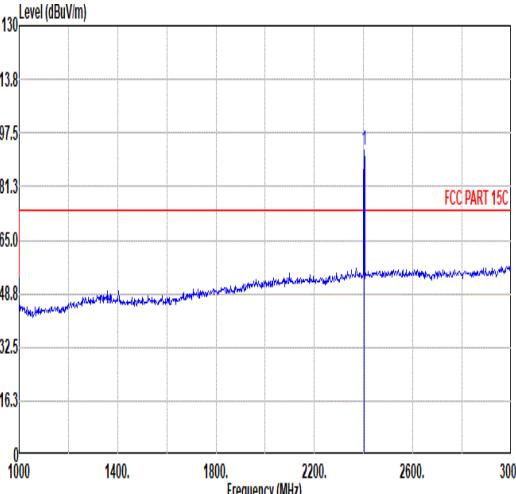
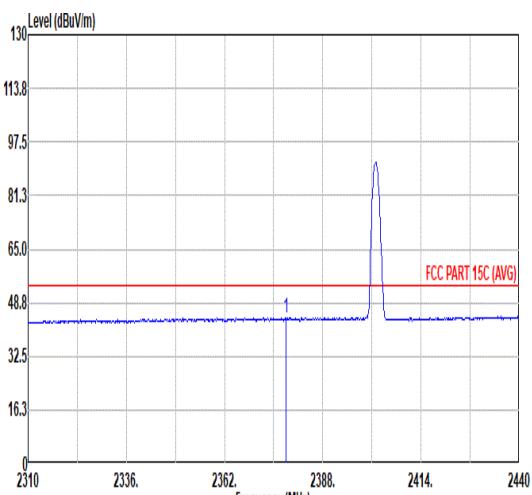
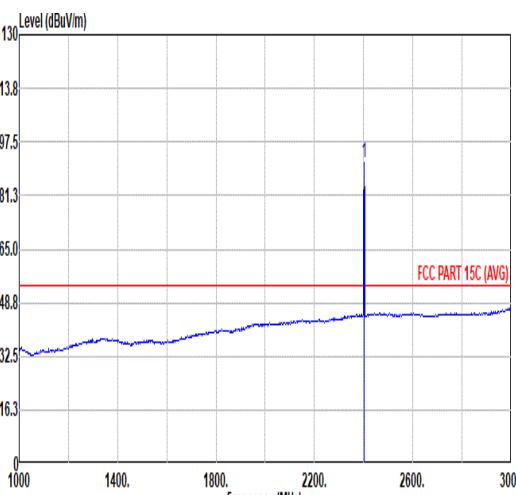
Co-location

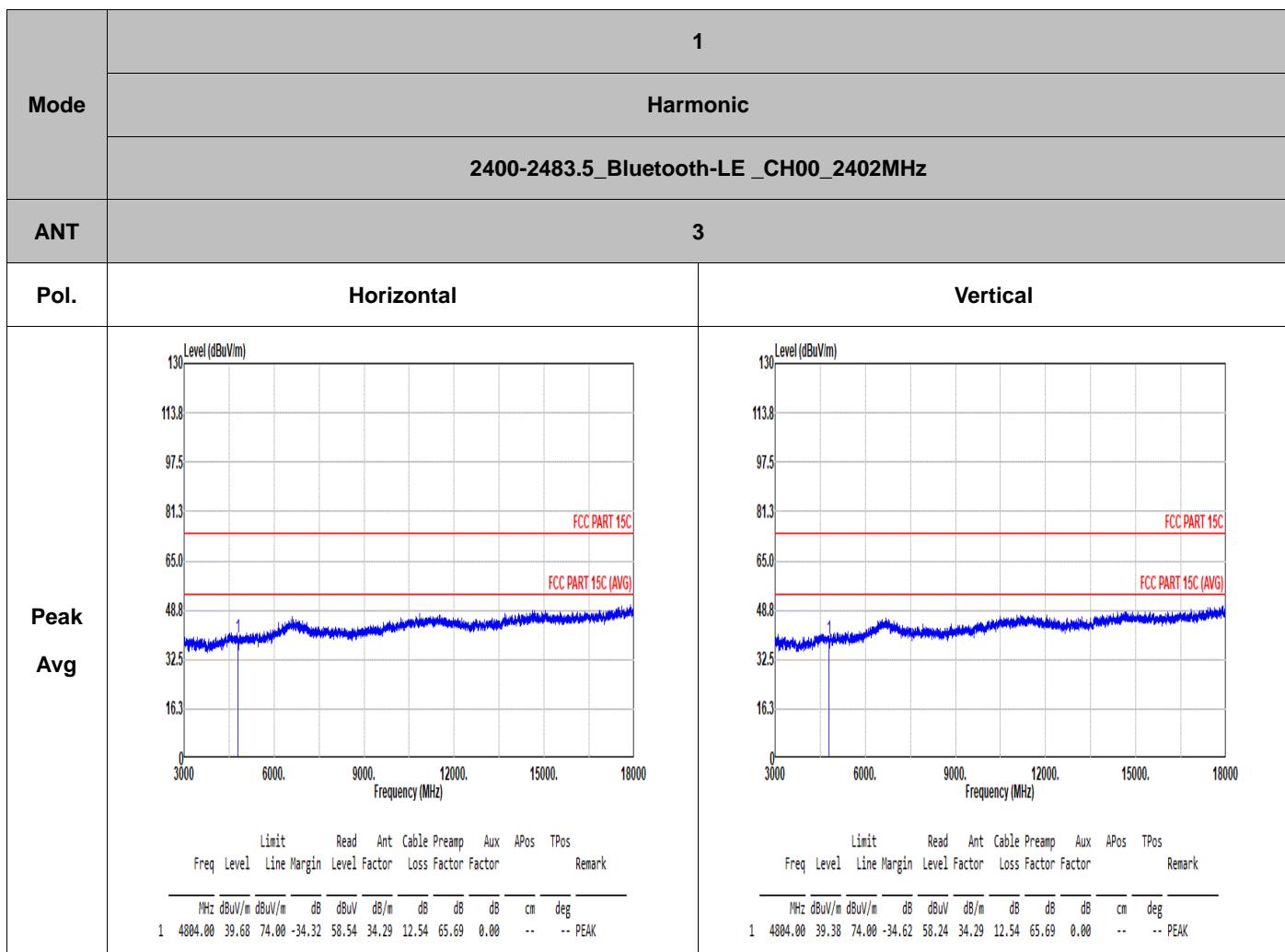
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark |
|------|--------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 7 | Bluetooth-LE | 39 | 2498.98 | 45.34 | 54.00 | -8.66 | H | AVERAGE | Pass | Band Edge |
| | Bluetooth-LE | 39 | 7440.00 | 43.22 | 74.00 | -30.78 | H | PEAK | Pass | Harmonic |

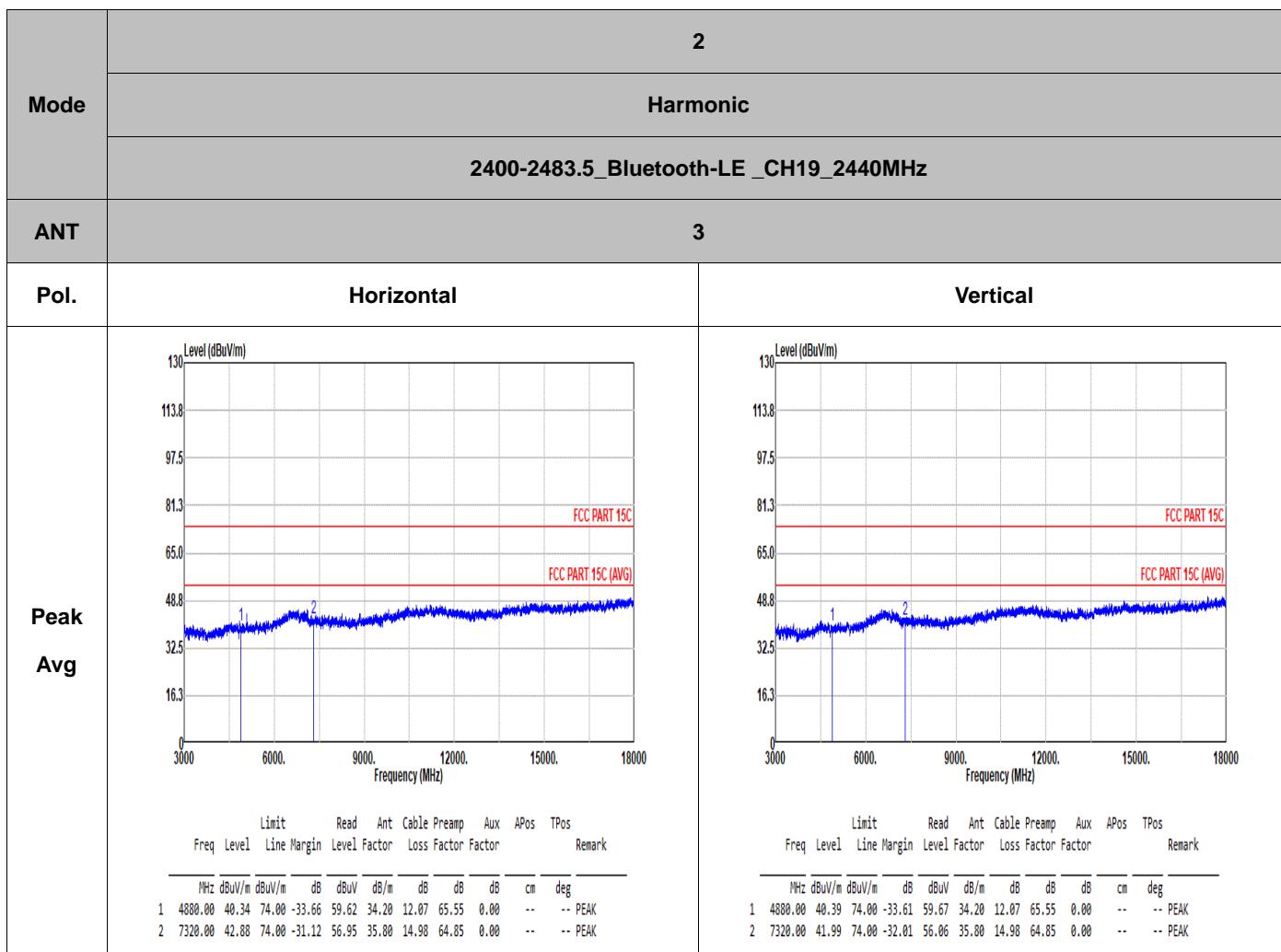


| Mode | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--------------|------------|---------------|------------|------|-------|----------------|--|--|------|-------|-------------|--------------|------------|---------------|------------|------|------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|--|--|--|--|--|--|--|--|--|----------------|--|---|--|--|--|--|--|--|--|--|--|------|-------|-------------|--------------|------------|---------------|------------|------|------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|--|--|--|--|--|--|--|--|--|----------------|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH00_2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <table border="1"><thead><tr><th colspan="10">Limit Read Ant Cable Preamp Aux APos TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr></thead><tbody><tr><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2352.12</td><td>54.92</td><td>74.00</td><td>-19.08</td><td>38.87</td><td>32.30</td><td>8.69</td><td>30.94</td><td>6.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>123 28 PEAK</td></tr></tbody></table> | Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2352.12 | 54.92 | 74.00 | -19.08 | 38.87 | 32.30 | 8.69 | 30.94 | 6.00 | | | | | | | | | | 123 28 PEAK |  <table border="1"><thead><tr><th colspan="10">Limit Read Ant Cable Preamp Aux APos TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr></thead><tbody><tr><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2402.00</td><td>95.41</td><td>-----</td><td>-----</td><td>79.14</td><td>32.40</td><td>8.80</td><td>30.93</td><td>6.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>123 28 PEAK</td></tr></tbody></table> | Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 95.41 | ----- | ----- | 79.14 | 32.40 | 8.80 | 30.93 | 6.00 | | | | | | | | | | 123 28 PEAK |
| Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2352.12 | 54.92 | 74.00 | -19.08 | 38.87 | 32.30 | 8.69 | 30.94 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 123 28 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 95.41 | ----- | ----- | 79.14 | 32.40 | 8.80 | 30.93 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 123 28 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <table border="1"><thead><tr><th colspan="10">Limit Read Ant Cable Preamp Aux APos TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr></thead><tbody><tr><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2385.66</td><td>44.20</td><td>54.00</td><td>-9.80</td><td>27.99</td><td>32.37</td><td>8.77</td><td>30.93</td><td>6.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>123 28 AVERAGE</td></tr></tbody></table> | Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2385.66 | 44.20 | 54.00 | -9.80 | 27.99 | 32.37 | 8.77 | 30.93 | 6.00 | | | | | | | | | | 123 28 AVERAGE |  <table border="1"><thead><tr><th colspan="10">Limit Read Ant Cable Preamp Aux APos TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr></thead><tbody><tr><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2402.00</td><td>94.68</td><td>-----</td><td>-----</td><td>78.41</td><td>32.40</td><td>8.80</td><td>30.93</td><td>6.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>123 28 AVERAGE</td></tr></tbody></table> | Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 94.68 | ----- | ----- | 78.41 | 32.40 | 8.80 | 30.93 | 6.00 | | | | | | | | | | 123 28 AVERAGE |
| Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2385.66 | 44.20 | 54.00 | -9.80 | 27.99 | 32.37 | 8.77 | 30.93 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 123 28 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit Read Ant Cable Preamp Aux APos TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Cable Loss | Preamp Factor | Aux Factor | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 94.68 | ----- | ----- | 78.41 | 32.40 | 8.80 | 30.93 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 123 28 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

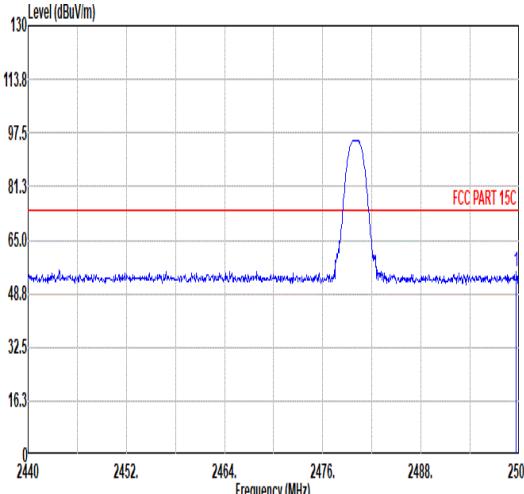
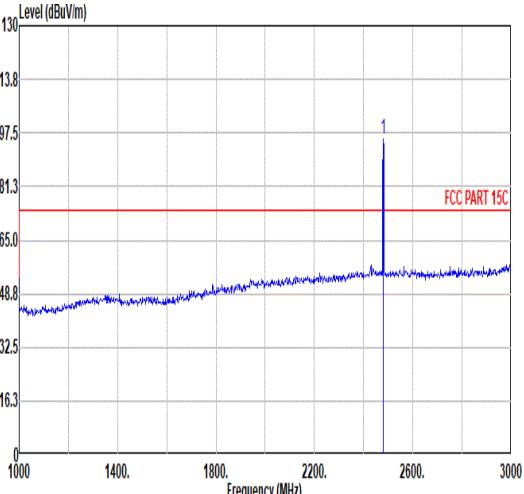
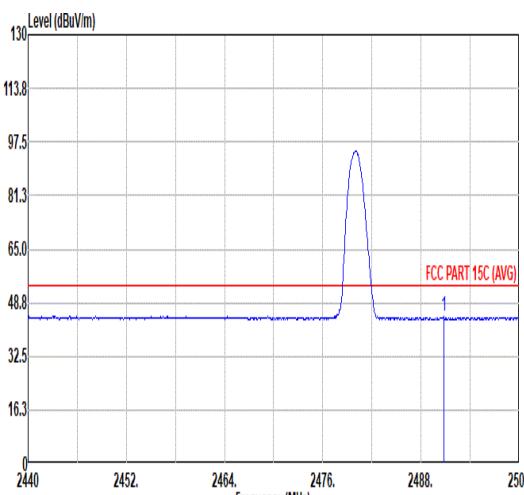
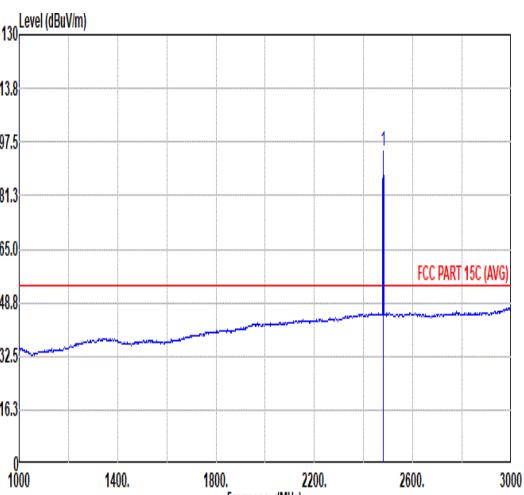


| Mode | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|--------------|-------------|--------|---|------|-------|--------|-------|-------------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-------------|---|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH00_2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2368.37</td> <td>54.84</td> <td>74.00</td> <td>-19.16</td> <td>38.72</td> <td>32.34</td> <td>8.72</td> <td>30.94</td> <td>6.00</td> <td>101</td> <td>236 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2368.37 | 54.84 | 74.00 | -19.16 | 38.72 | 32.34 | 8.72 | 30.94 | 6.00 | 101 | 236 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>92.17</td> <td>-----</td> <td>-----</td> <td>75.90</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00</td> <td>101</td> <td>236 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2402.00 | 92.17 | ----- | ----- | 75.90 | 32.40 | 8.80 | 30.93 | 6.00 | 101 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2368.37 | 54.84 | 74.00 | -19.16 | 38.72 | 32.34 | 8.72 | 30.94 | 6.00 | 101 | 236 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 92.17 | ----- | ----- | 75.90 | 32.40 | 8.80 | 30.93 | 6.00 | 101 | 236 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2378.25</td> <td>44.30</td> <td>54.00</td> <td>-9.70</td> <td>28.12</td> <td>32.36</td> <td>8.75</td> <td>30.93</td> <td>6.00</td> <td>101</td> <td>236 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2378.25 | 44.30 | 54.00 | -9.70 | 28.12 | 32.36 | 8.75 | 30.93 | 6.00 | 101 | 236 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>91.30</td> <td>-----</td> <td>-----</td> <td>75.03</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00</td> <td>101</td> <td>236 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2402.00 | 91.30 | ----- | ----- | 75.03 | 32.40 | 8.80 | 30.93 | 6.00 | 101 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2378.25 | 44.30 | 54.00 | -9.70 | 28.12 | 32.36 | 8.75 | 30.93 | 6.00 | 101 | 236 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 91.30 | ----- | ----- | 75.03 | 32.40 | 8.80 | 30.93 | 6.00 | 101 | 236 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

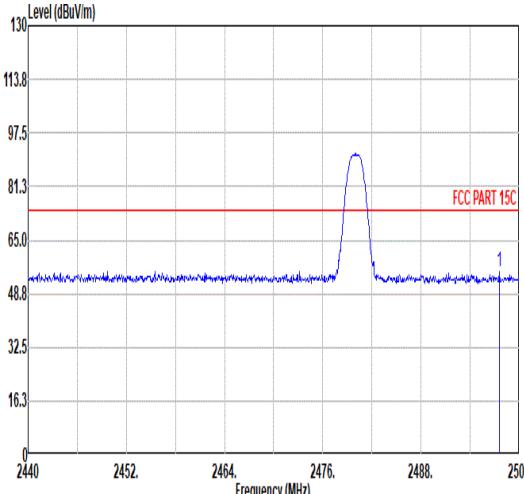
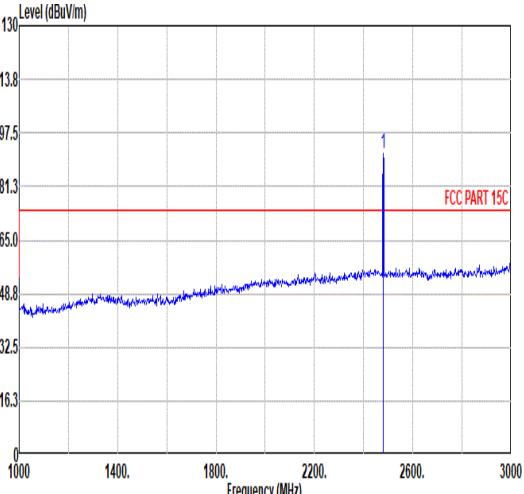
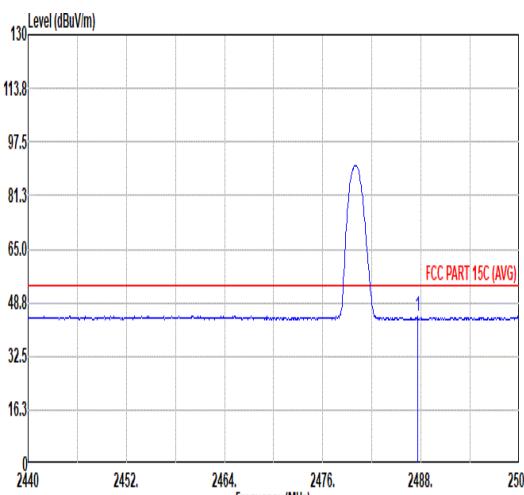
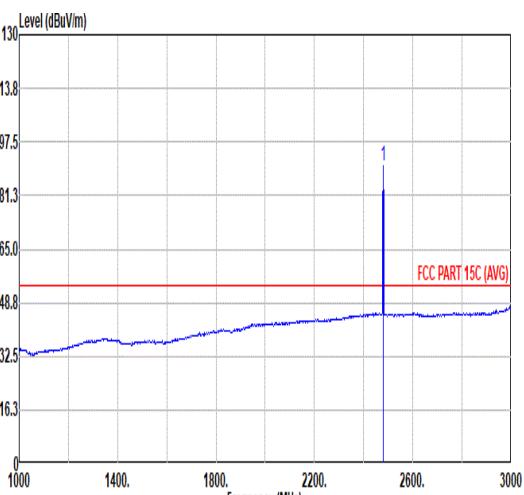




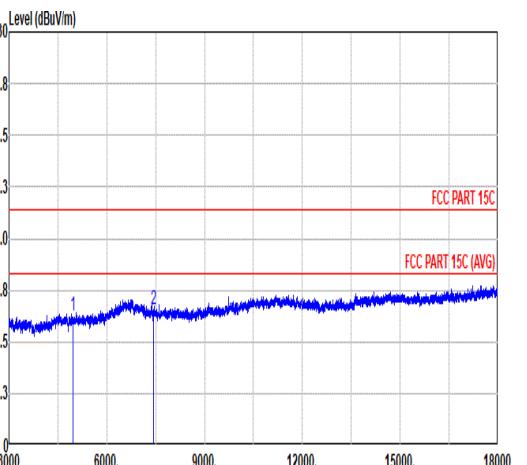
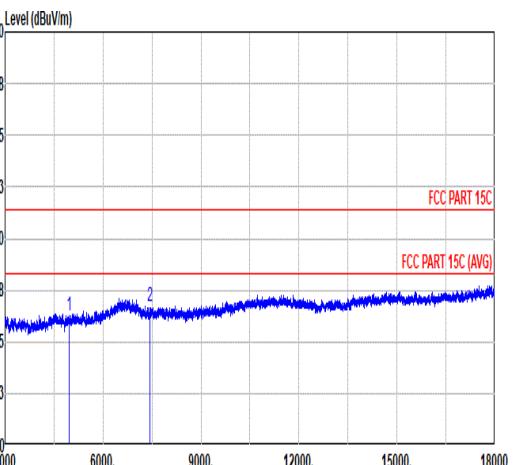


| Mode | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------------|-------------|--------|-------|---|-------|--------|-----|------------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2499.64</td> <td>55.49</td> <td>74.00</td> <td>-18.51</td> <td>39.20</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00</td> <td>107</td> <td>22 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2499.64 | 55.49 | 74.00 | -18.51 | 39.20 | 32.40 | 8.87 | 30.98 | 6.00 | 107 | 22 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>95.54</td> <td>-----</td> <td>-----</td> <td>79.23</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>107</td> <td>22 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 95.54 | ----- | ----- | 79.23 | 32.40 | 8.88 | 30.97 | 6.00 | 107 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2499.64 | 55.49 | 74.00 | -18.51 | 39.20 | 32.40 | 8.87 | 30.98 | 6.00 | 107 | 22 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 95.54 | ----- | ----- | 79.23 | 32.40 | 8.88 | 30.97 | 6.00 | 107 | 22 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2498.76</td> <td>44.46</td> <td>54.00</td> <td>-9.54</td> <td>28.15</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>107</td> <td>22 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2498.76 | 44.46 | 54.00 | -9.54 | 28.15 | 32.40 | 8.88 | 30.97 | 6.00 | 107 | 22 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>94.59</td> <td>-----</td> <td>-----</td> <td>78.28</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>107</td> <td>22 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 94.59 | ----- | ----- | 78.28 | 32.40 | 8.88 | 30.97 | 6.00 | 107 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2498.76 | 44.46 | 54.00 | -9.54 | 28.15 | 32.40 | 8.88 | 30.97 | 6.00 | 107 | 22 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 94.59 | ----- | ----- | 78.28 | 32.40 | 8.88 | 30.97 | 6.00 | 107 | 22 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

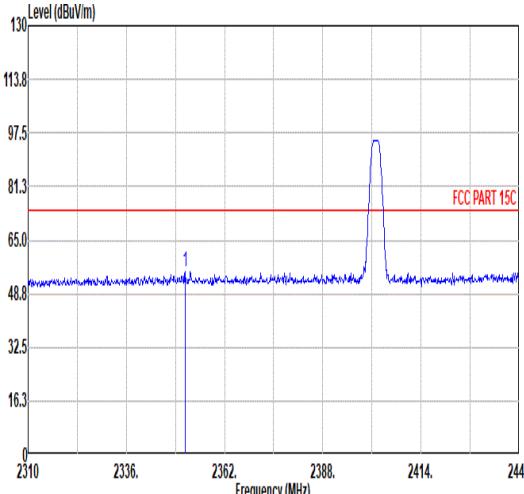
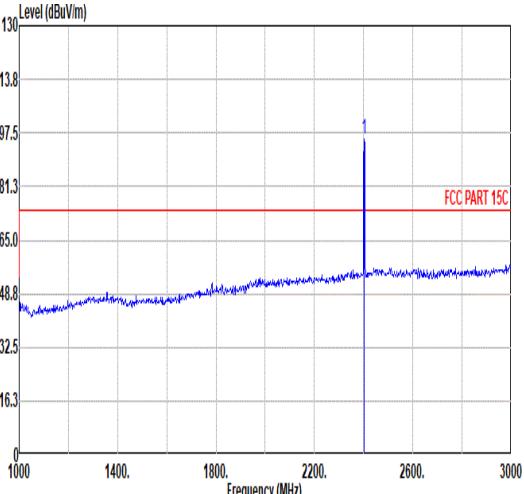
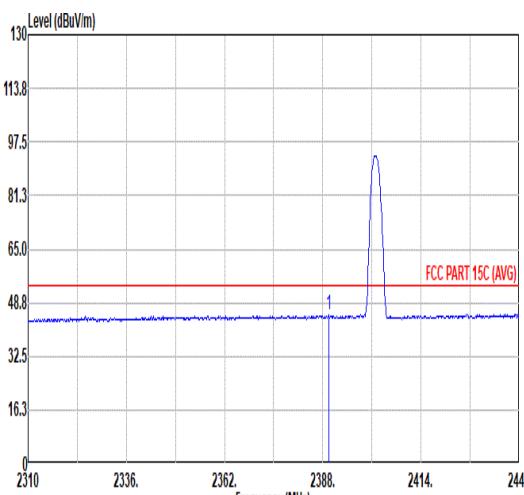
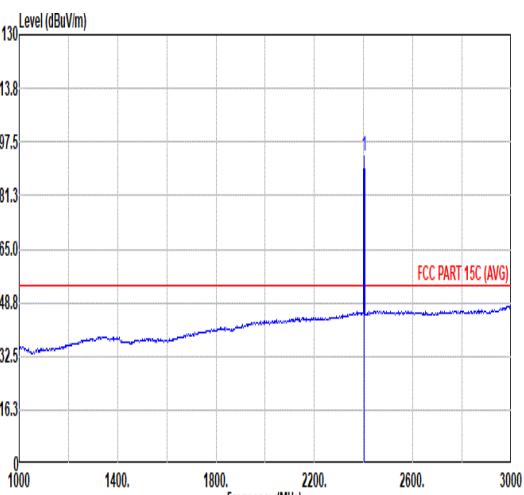


| Mode | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|--------------|-------------|--------|---|------|-------|----------------------|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|----------------------|---|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2497.54</td> <td>55.45</td> <td>74.00</td> <td>-18.55</td> <td>39.15</td> <td>32.40</td> <td>8.87</td> <td>30.97</td> <td>6.00 100 238 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2497.54 | 55.45 | 74.00 | -18.55 | 39.15 | 32.40 | 8.87 | 30.97 | 6.00 100 238 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>91.28</td> <td>-----</td> <td>-----</td> <td>74.97</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00 100 238 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2480.00 | 91.28 | ----- | ----- | 74.97 | 32.40 | 8.88 | 30.97 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2497.54 | 55.45 | 74.00 | -18.55 | 39.15 | 32.40 | 8.87 | 30.97 | 6.00 100 238 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 91.28 | ----- | ----- | 74.97 | 32.40 | 8.88 | 30.97 | 6.00 100 238 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2487.58</td> <td>44.44</td> <td>54.00</td> <td>-9.56</td> <td>28.13</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00 100 238 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2487.58 | 44.44 | 54.00 | -9.56 | 28.13 | 32.40 | 8.88 | 30.97 | 6.00 100 238 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>90.23</td> <td>-----</td> <td>-----</td> <td>73.92</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00 100 238 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2480.00 | 90.23 | ----- | ----- | 73.92 | 32.40 | 8.88 | 30.97 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2487.58 | 44.44 | 54.00 | -9.56 | 28.13 | 32.40 | 8.88 | 30.97 | 6.00 100 238 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 90.23 | ----- | ----- | 73.92 | 32.40 | 8.88 | 30.97 | 6.00 100 238 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



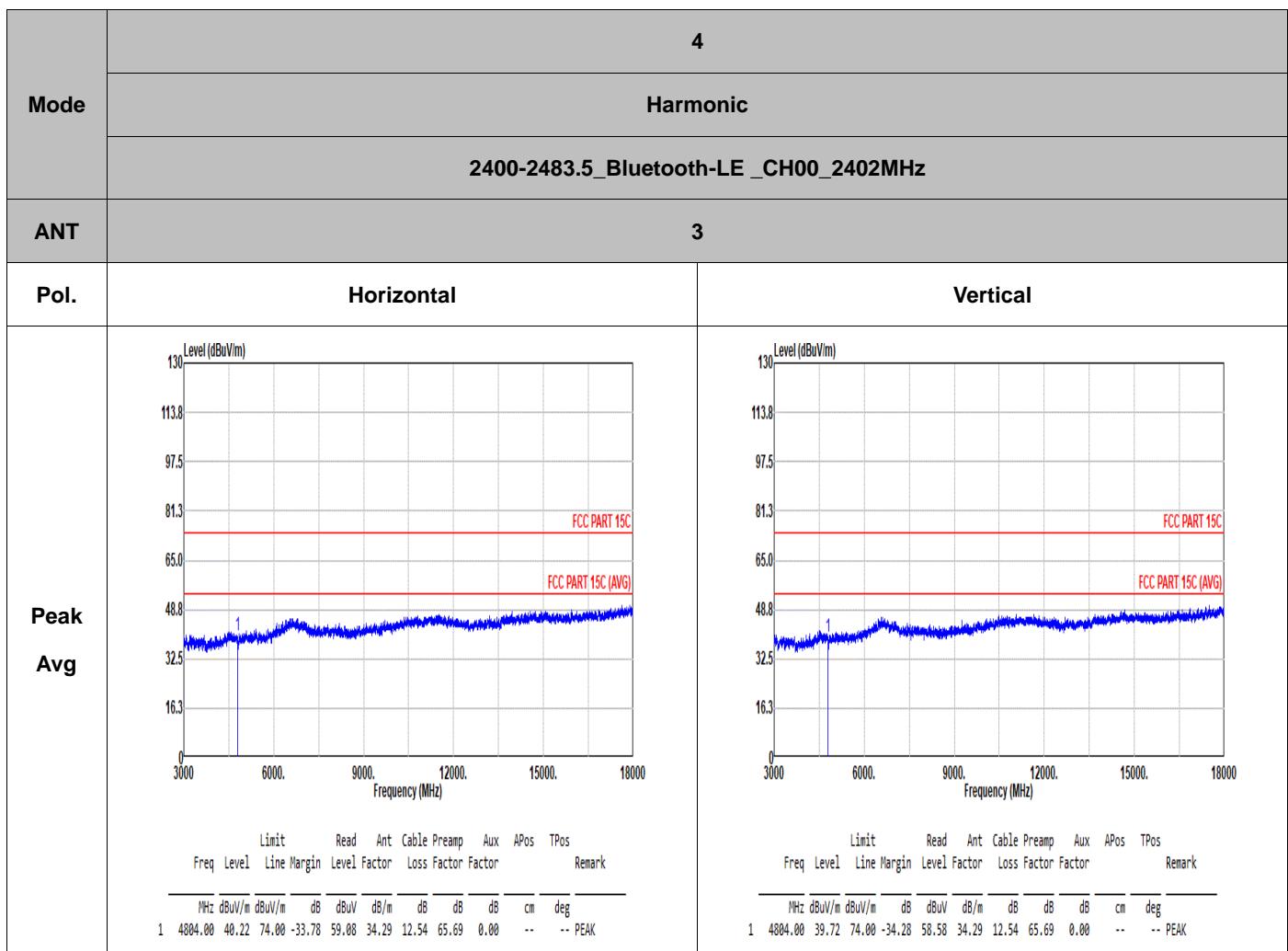
| Mode | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|-------|--------|--------|--------|---|--------|--------|-------|---------|-----|------|------|--------|------|-------|-------------|-------|--------|------|--------|--------|--|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|-------|--------|------|--------|--------|--|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE_CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horizontal | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APOS</th> <th>TRos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>40.55</td> <td>74.00</td> <td>-33.45</td> <td>59.64</td> <td>34.24</td> <td>12.07</td> <td>65.40</td> <td>0.00</td> <td>---</td> <td>-- PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>42.88</td> <td>74.00</td> <td>-31.12</td> <td>57.06</td> <td>35.80</td> <td>15.21</td> <td>65.19</td> <td>0.00</td> <td>---</td> <td>-- PEAK</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | 1 | 4960.00 | 40.55 | 74.00 | -33.45 | 59.64 | 34.24 | 12.07 | 65.40 | 0.00 | --- | -- PEAK | 2 | 7440.00 | 42.88 | 74.00 | -31.12 | 57.06 | 35.80 | 15.21 | 65.19 | 0.00 | --- | -- PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APOS</th> <th>TRos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>40.94</td> <td>74.00</td> <td>-33.06</td> <td>60.03</td> <td>34.24</td> <td>12.07</td> <td>65.40</td> <td>0.00</td> <td>---</td> <td>-- PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>43.74</td> <td>74.00</td> <td>-30.26</td> <td>57.92</td> <td>35.80</td> <td>15.21</td> <td>65.19</td> <td>0.00</td> <td>---</td> <td>-- PEAK</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | 1 | 4960.00 | 40.94 | 74.00 | -33.06 | 60.03 | 34.24 | 12.07 | 65.40 | 0.00 | --- | -- PEAK | 2 | 7440.00 | 43.74 | 74.00 | -30.26 | 57.92 | 35.80 | 15.21 | 65.19 | 0.00 | --- | -- PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4960.00 | 40.55 | 74.00 | -33.45 | 59.64 | 34.24 | 12.07 | 65.40 | 0.00 | --- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7440.00 | 42.88 | 74.00 | -31.12 | 57.06 | 35.80 | 15.21 | 65.19 | 0.00 | --- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4960.00 | 40.94 | 74.00 | -33.06 | 60.03 | 34.24 | 12.07 | 65.40 | 0.00 | --- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7440.00 | 43.74 | 74.00 | -30.26 | 57.92 | 35.80 | 15.21 | 65.19 | 0.00 | --- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



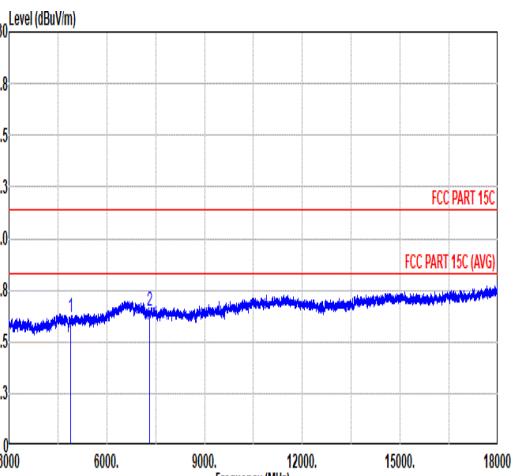
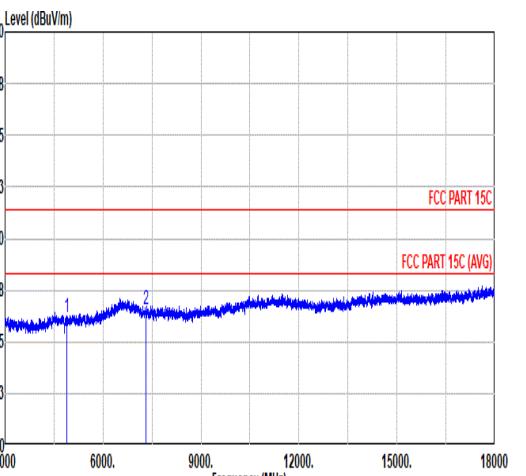
| Mode | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------------|-------------|--------|-------|---|-------|---------------------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|---------------------|--|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH00_2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2351.60</td> <td>55.57</td> <td>74.00</td> <td>-18.43</td> <td>39.53</td> <td>32.30</td> <td>8.68</td> <td>30.94</td> <td>6.00 122 24 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2351.60 | 55.57 | 74.00 | -18.43 | 39.53 | 32.30 | 8.68 | 30.94 | 6.00 122 24 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>95.58</td> <td>-----</td> <td>-----</td> <td>79.31</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00 122 24 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2402.00 | 95.58 | ----- | ----- | 79.31 | 32.40 | 8.80 | 30.93 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2351.60 | 55.57 | 74.00 | -18.43 | 39.53 | 32.30 | 8.68 | 30.94 | 6.00 122 24 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 95.58 | ----- | ----- | 79.31 | 32.40 | 8.80 | 30.93 | 6.00 122 24 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.56</td> <td>44.98</td> <td>54.00</td> <td>-9.02</td> <td>28.76</td> <td>32.38</td> <td>8.77</td> <td>30.93</td> <td>6.00 122 24 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2389.56 | 44.98 | 54.00 | -9.02 | 28.76 | 32.38 | 8.77 | 30.93 | 6.00 122 24 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>93.17</td> <td>-----</td> <td>-----</td> <td>76.90</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00 122 24 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2402.00 | 93.17 | ----- | ----- | 76.90 | 32.40 | 8.80 | 30.93 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.56 | 44.98 | 54.00 | -9.02 | 28.76 | 32.38 | 8.77 | 30.93 | 6.00 122 24 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 93.17 | ----- | ----- | 76.90 | 32.40 | 8.80 | 30.93 | 6.00 122 24 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



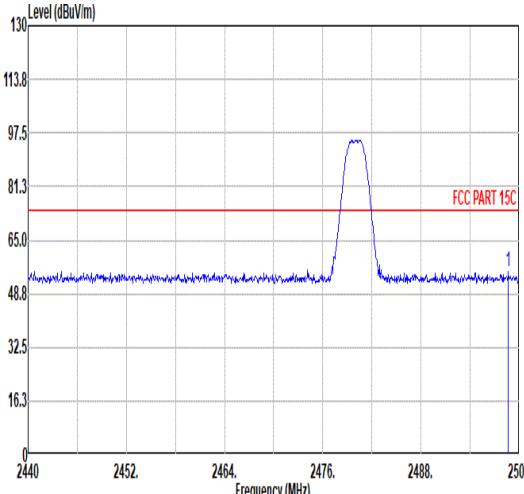
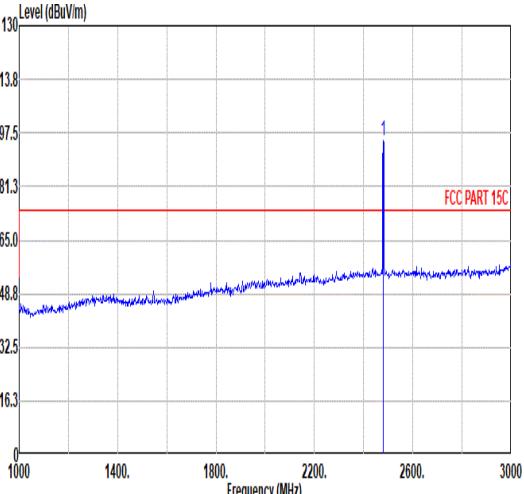
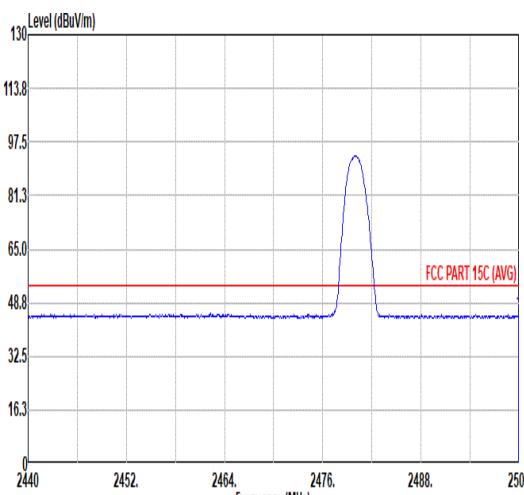
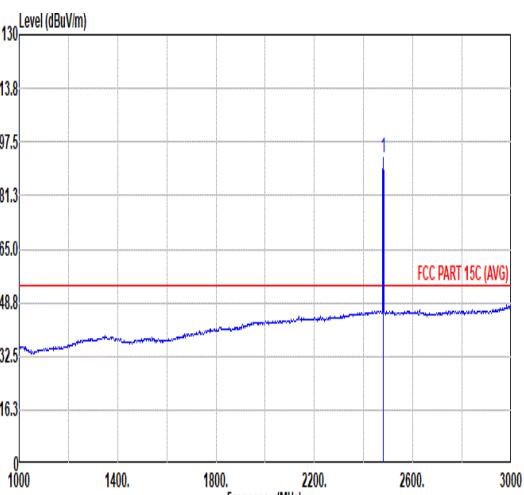
| Mode | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|--------------|-------------|--------|-------|-------------|-------|--------|-----|-------------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH00_2402MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2371.10</td> <td>55.28</td> <td>74.00</td> <td>-18.72</td> <td>39.15</td> <td>32.34</td> <td>8.73</td> <td>30.94</td> <td>6.00</td> <td>100</td> <td>236 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2371.10 | 55.28 | 74.00 | -18.72 | 39.15 | 32.34 | 8.73 | 30.94 | 6.00 | 100 | 236 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>92.10</td> <td>-----</td> <td>-----</td> <td>75.83</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00</td> <td>100</td> <td>236 PEAK</td> </tr> </tbody> </table> | | | | | | | | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2402.00 | 92.10 | ----- | ----- | 75.83 | 32.40 | 8.80 | 30.93 | 6.00 | 100 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2371.10 | 55.28 | 74.00 | -18.72 | 39.15 | 32.34 | 8.73 | 30.94 | 6.00 | 100 | 236 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 92.10 | ----- | ----- | 75.83 | 32.40 | 8.80 | 30.93 | 6.00 | 100 | 236 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2381.76</td> <td>44.98</td> <td>54.00</td> <td>-9.02</td> <td>28.79</td> <td>32.36</td> <td>8.76</td> <td>30.93</td> <td>6.00</td> <td>100</td> <td>236 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2381.76 | 44.98 | 54.00 | -9.02 | 28.79 | 32.36 | 8.76 | 30.93 | 6.00 | 100 | 236 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>89.70</td> <td>-----</td> <td>-----</td> <td>73.43</td> <td>32.40</td> <td>8.80</td> <td>30.93</td> <td>6.00</td> <td>100</td> <td>236 AVERAGE</td> </tr> </tbody> </table> | | | | | | | | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2402.00 | 89.70 | ----- | ----- | 73.43 | 32.40 | 8.80 | 30.93 | 6.00 | 100 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2381.76 | 44.98 | 54.00 | -9.02 | 28.79 | 32.36 | 8.76 | 30.93 | 6.00 | 100 | 236 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2402.00 | 89.70 | ----- | ----- | 73.43 | 32.40 | 8.80 | 30.93 | 6.00 | 100 | 236 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



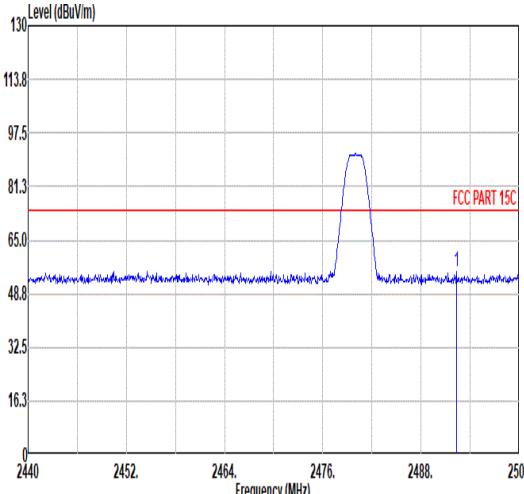
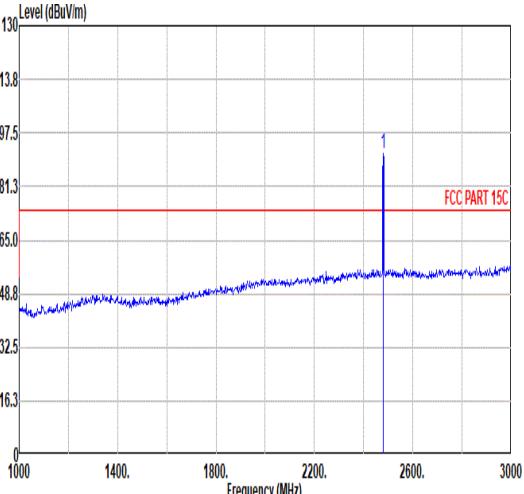
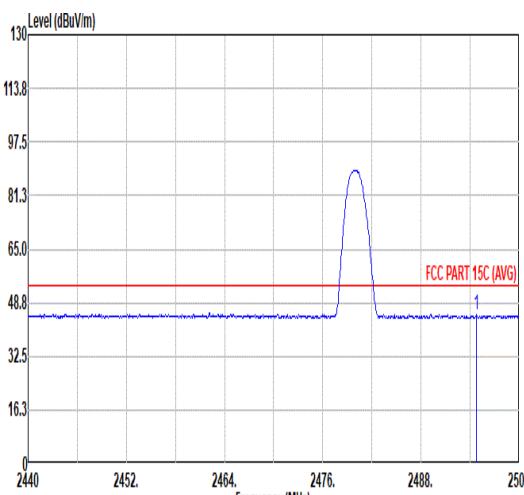
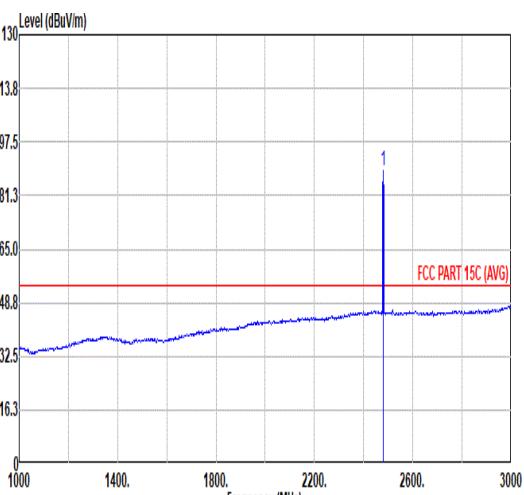


| Mode | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|---------------------|-------|-------------------|-------|--------|---|--------|------|-------|---------|-----|------|------|--------|------|-------|-------------|-------|--------|------|--------|--------|--|-----|---------------------|---------------------|----|-------------------|------|----|----|----|-----|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|-------|--------|------|--------|--------|--|-----|---------------------|---------------------|----|-------------------|------|----|----|----|-----|
| 2400-2483.5_Bluetooth-LE_CH19_2440MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APOS</th> <th>TRos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>MHz</td> <td>dB^uV/m</td> <td>dB^uV/m</td> <td>dB</td> <td>dB^uV</td> <td>dB/m</td> <td>dB</td> <td>dB</td> <td>cm</td> <td>deg</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | MHz | dB ^u V/m | dB ^u V/m | dB | dB ^u V | dB/m | dB | dB | cm | deg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APOS</th> <th>TRos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th></th> </tr> </thead> <tbody> <tr> <td>MHz</td> <td>dB^uV/m</td> <td>dB^uV/m</td> <td>dB</td> <td>dB^uV</td> <td>dB/m</td> <td>dB</td> <td>dB</td> <td>cm</td> <td>deg</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | MHz | dB ^u V/m | dB ^u V/m | dB | dB ^u V | dB/m | dB | dB | cm | deg |
| Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dB ^u V/m | dB ^u V/m | dB | dB ^u V | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APOS | TRos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dB ^u V/m | dB ^u V/m | dB | dB ^u V | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4880.00 | 40.16 | 74.00 | -33.84 | 59.44 | 34.20 | 12.07 | 65.55 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7320.00 | 42.25 | 74.00 | -31.75 | 56.32 | 35.80 | 14.98 | 64.85 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

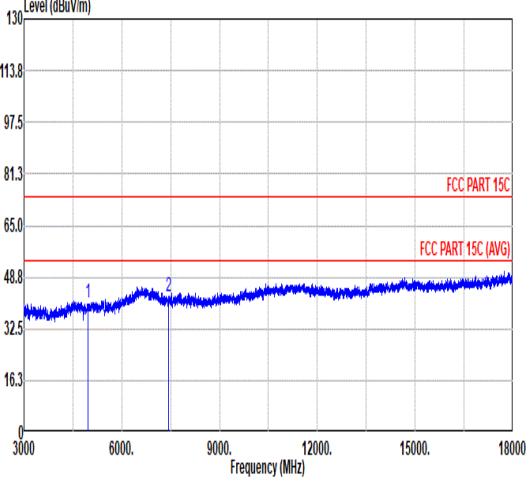
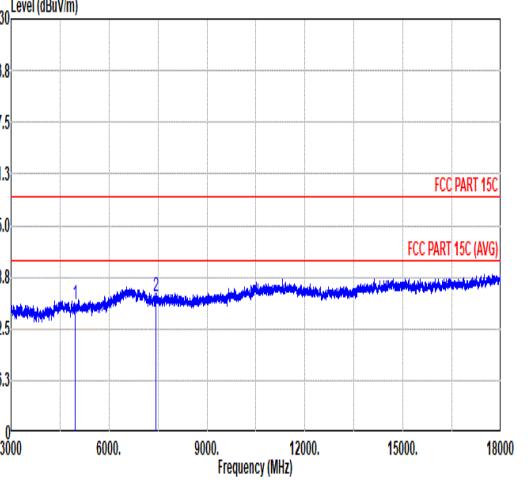
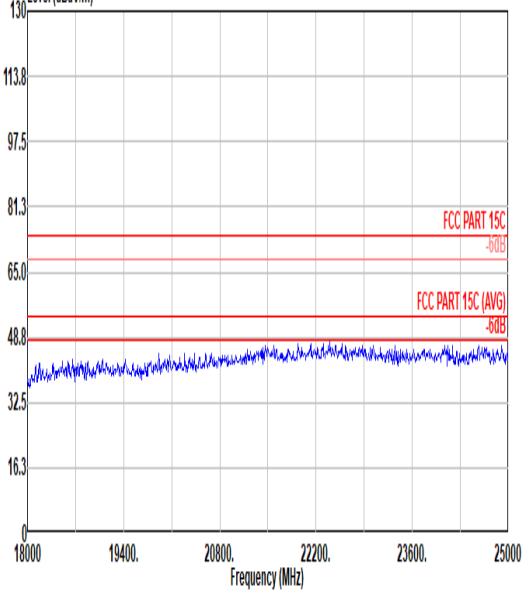
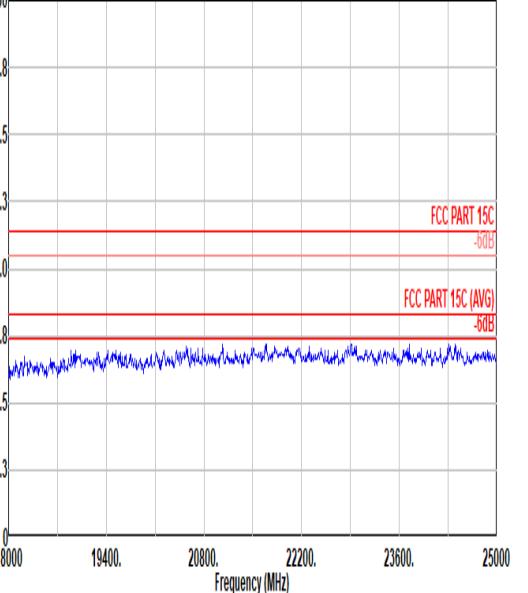


| Mode | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------------|-------------|--------|---|------|-------|--------|-------|------------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|--|--|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2498.68</td> <td>55.21</td> <td>74.00</td> <td>-18.79</td> <td>38.92</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00</td> <td>109</td> <td>22 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2498.68 | 55.21 | 74.00 | -18.79 | 38.92 | 32.40 | 8.87 | 30.98 | 6.00 | 109 | 22 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>95.26</td> <td>-----</td> <td>-----</td> <td>78.95</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>109</td> <td>22 PEAK</td> </tr> </tbody> </table> | | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 95.26 | ----- | ----- | 78.95 | 32.40 | 8.88 | 30.97 | 6.00 | 109 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2498.68 | 55.21 | 74.00 | -18.79 | 38.92 | 32.40 | 8.87 | 30.98 | 6.00 | 109 | 22 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 95.26 | ----- | ----- | 78.95 | 32.40 | 8.88 | 30.97 | 6.00 | 109 | 22 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2499.94</td> <td>45.02</td> <td>54.00</td> <td>-8.98</td> <td>28.73</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00</td> <td>109</td> <td>22 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2499.94 | 45.02 | 54.00 | -8.98 | 28.73 | 32.40 | 8.87 | 30.98 | 6.00 | 109 | 22 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>92.88</td> <td>-----</td> <td>-----</td> <td>76.57</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>109</td> <td>22 AVERAGE</td> </tr> </tbody> </table> | | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 92.88 | ----- | ----- | 76.57 | 32.40 | 8.88 | 30.97 | 6.00 | 109 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2499.94 | 45.02 | 54.00 | -8.98 | 28.73 | 32.40 | 8.87 | 30.98 | 6.00 | 109 | 22 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 92.88 | ----- | ----- | 76.57 | 32.40 | 8.88 | 30.97 | 6.00 | 109 | 22 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|--------------|-------------|--------|---|------|-------|--------|-------|-------------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-------------|---|--|--|--|--|--|-------|--|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|--------|--|--|--|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2492.32</td> <td>55.52</td> <td>74.00</td> <td>-18.48</td> <td>39.22</td> <td>32.40</td> <td>8.87</td> <td>30.97</td> <td>6.00</td> <td>100</td> <td>238 PEAK</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2492.32 | 55.52 | 74.00 | -18.48 | 39.22 | 32.40 | 8.87 | 30.97 | 6.00 | 100 | 238 PEAK | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>91.17</td> <td>-----</td> <td>-----</td> <td>74.86</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>100</td> <td>238 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 91.17 | ----- | ----- | 74.86 | 32.40 | 8.88 | 30.97 | 6.00 | 100 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2492.32 | 55.52 | 74.00 | -18.48 | 39.22 | 32.40 | 8.87 | 30.97 | 6.00 | 100 | 238 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 91.17 | ----- | ----- | 74.86 | 32.40 | 8.88 | 30.97 | 6.00 | 100 | 238 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2494.78</td> <td>45.18</td> <td>54.00</td> <td>-8.82</td> <td>28.88</td> <td>32.40</td> <td>8.87</td> <td>30.97</td> <td>6.00</td> <td>100</td> <td>238 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2494.78 | 45.18 | 54.00 | -8.82 | 28.88 | 32.40 | 8.87 | 30.97 | 6.00 | 100 | 238 AVERAGE | <table border="1"> <thead> <tr> <th colspan="2">Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>88.87</td> <td>-----</td> <td>-----</td> <td>72.56</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>100</td> <td>238 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | 1 | 2480.00 | 88.87 | ----- | ----- | 72.56 | 32.40 | 8.88 | 30.97 | 6.00 | 100 |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2494.78 | 45.18 | 54.00 | -8.82 | 28.88 | 32.40 | 8.87 | 30.97 | 6.00 | 100 | 238 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 88.87 | ----- | ----- | 72.56 | 32.40 | 8.88 | 30.97 | 6.00 | 100 | 238 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



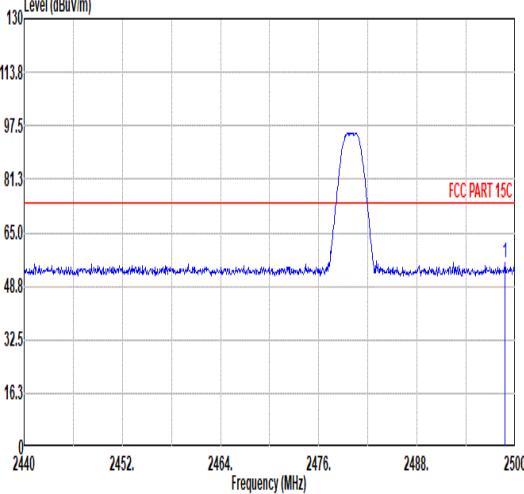
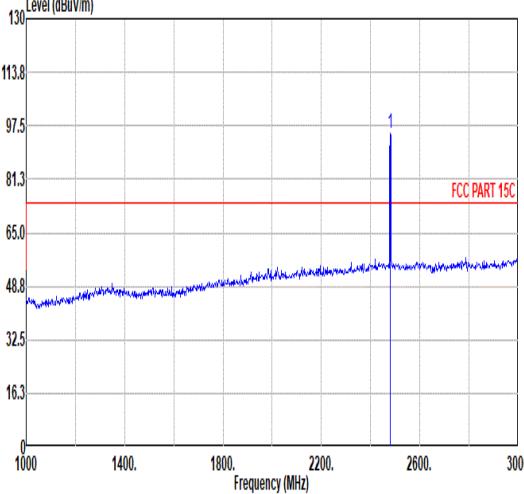
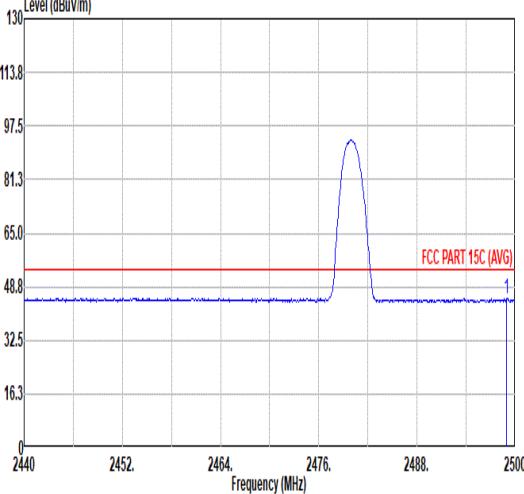
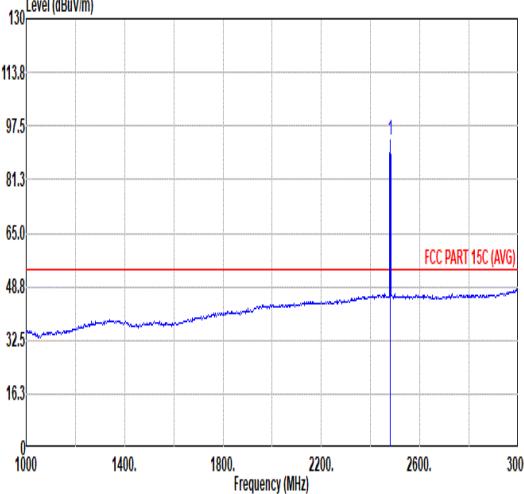
| Mode | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--------|-------|--------|--------|-------|--|-------|--------|-----|---------|--------|-----|------|------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|---------|---|--|--|--|--|--|------|-------|------|-----|-------|--------|-----|------|------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ANT | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th colspan="2">deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>40.65</td> <td>74.00</td> <td>-33.35</td> <td>59.74</td> <td>34.24</td> <td>12.07</td> <td>65.40</td> <td>0.00</td> <td>--</td> <td>-- PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>42.65</td> <td>74.00</td> <td>-31.35</td> <td>56.83</td> <td>35.80</td> <td>15.21</td> <td>65.19</td> <td>0.00</td> <td>--</td> <td>-- PEAK</td> </tr> </tbody> </table> | | | | | | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | 1 | 4960.00 | 40.65 | 74.00 | -33.35 | 59.74 | 34.24 | 12.07 | 65.40 | 0.00 | -- | -- PEAK | 2 | 7440.00 | 42.65 | 74.00 | -31.35 | 56.83 | 35.80 | 15.21 | 65.19 | 0.00 | -- | -- PEAK | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th colspan="2">deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>40.29</td> <td>74.00</td> <td>-33.71</td> <td>59.38</td> <td>34.24</td> <td>12.07</td> <td>65.40</td> <td>0.00</td> <td>--</td> <td>-- PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>42.50</td> <td>74.00</td> <td>-31.50</td> <td>56.68</td> <td>35.80</td> <td>15.21</td> <td>65.19</td> <td>0.00</td> <td>--</td> <td>-- PEAK</td> </tr> </tbody> </table> | | | | | | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | 1 | 4960.00 | 40.29 | 74.00 | -33.71 | 59.38 | 34.24 | 12.07 | 65.40 | 0.00 | -- | -- PEAK | 2 | 7440.00 | 42.50 | 74.00 | -31.50 | 56.68 | 35.80 | 15.21 | 65.19 | 0.00 | -- |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4960.00 | 40.65 | 74.00 | -33.35 | 59.74 | 34.24 | 12.07 | 65.40 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7440.00 | 42.65 | 74.00 | -31.35 | 56.83 | 35.80 | 15.21 | 65.19 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4960.00 | 40.29 | 74.00 | -33.71 | 59.38 | 34.24 | 12.07 | 65.40 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7440.00 | 42.50 | 74.00 | -31.50 | 56.68 | 35.80 | 15.21 | 65.19 | 0.00 | -- | -- PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Note: Only the worst case has assessed 18G ~25GHz to test.

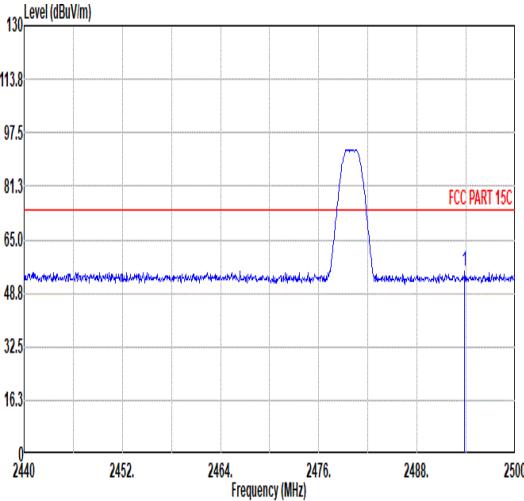
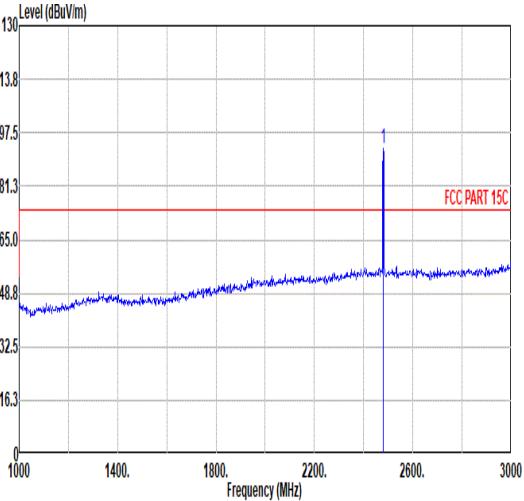
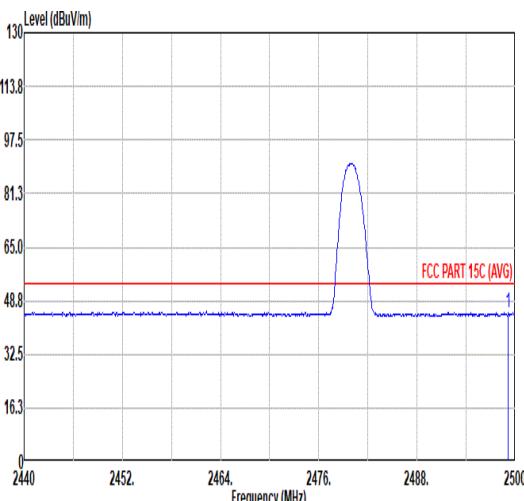
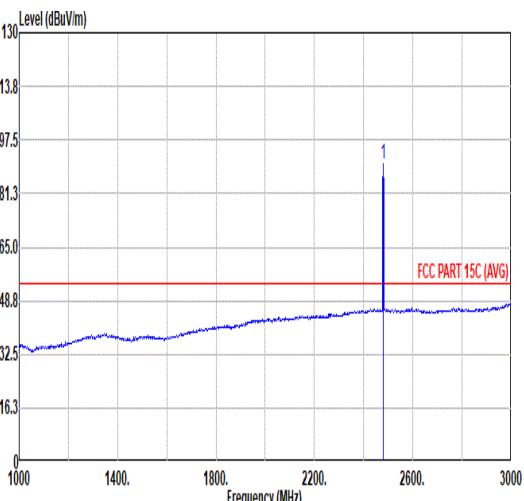


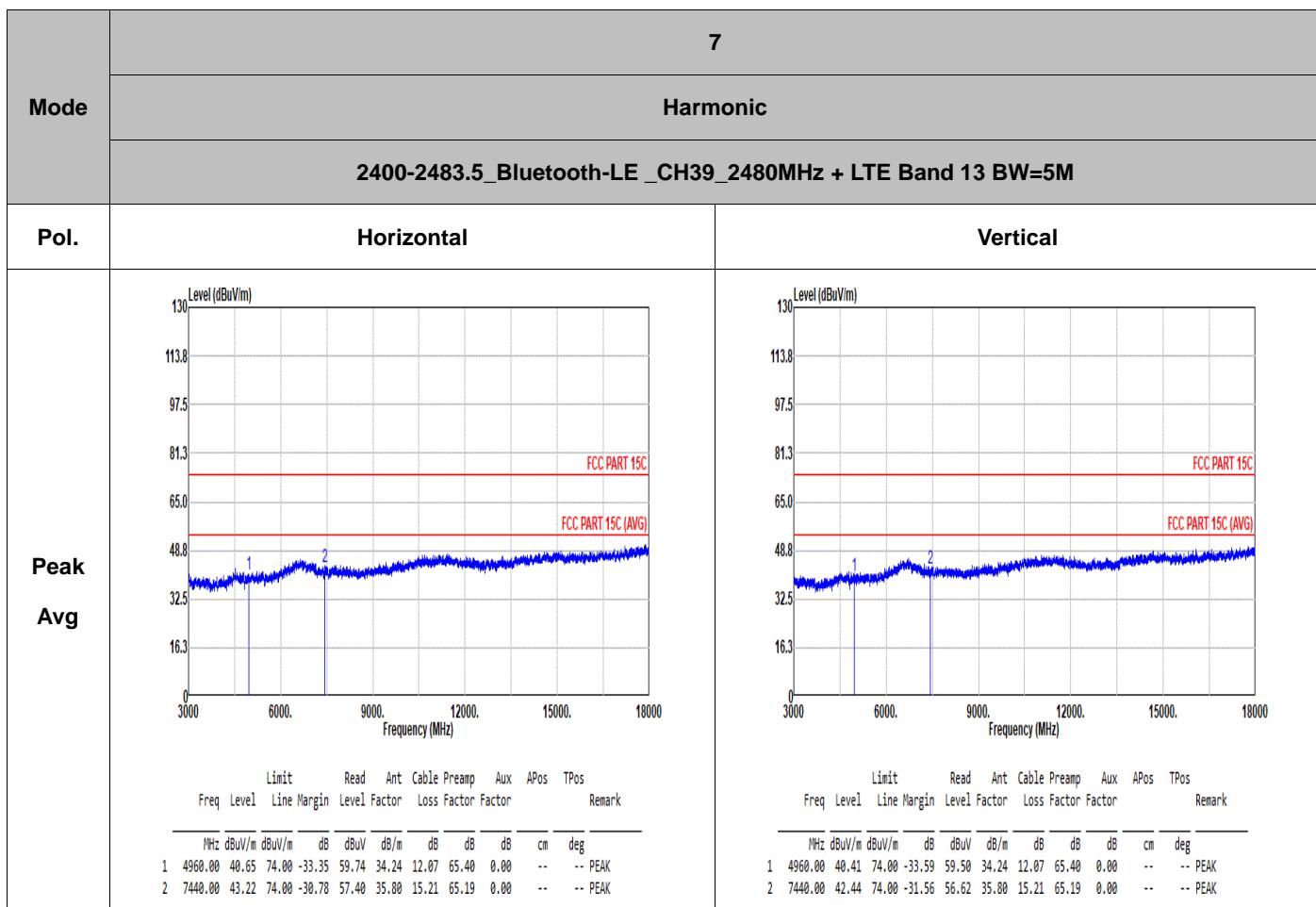
| Mode | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--------|-------|---------|--------|---------|----------|--------|--------|----------|--------|----------|------|-------|------|-------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|--|--|-------|------|------|---------|-------|--------|-------|-------|--------|----------|------|-------|------|-------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|--|--|-------|------|------|---------|-------|--------|-------|-------|--------|----------|------|-------|------|-------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|
| | LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANT | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table><thead><tr><th></th><th>Limit</th><th>Over</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>30.97</td><td>19.81</td><td>40.00</td><td>-28.19</td><td>26.59</td><td>24.91</td><td>0.51</td><td>32.20</td><td>---</td><td>---</td></tr><tr><td>2</td><td>159.01</td><td>24.41</td><td>43.50</td><td>-19.09</td><td>38.49</td><td>16.20</td><td>1.82</td><td>32.10</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>233.70</td><td>26.30</td><td>46.00</td><td>-19.70</td><td>39.79</td><td>16.46</td><td>2.22</td><td>32.17</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>272.50</td><td>22.28</td><td>46.00</td><td>-23.72</td><td>33.23</td><td>18.80</td><td>2.41</td><td>32.16</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>563.50</td><td>23.75</td><td>46.00</td><td>-22.25</td><td>26.29</td><td>26.31</td><td>3.45</td><td>32.30</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>850.62</td><td>28.13</td><td>46.00</td><td>-17.87</td><td>27.35</td><td>28.94</td><td>4.24</td><td>32.40</td><td>---</td><td>Peak</td></tr></tbody></table> | | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | 1 | 30.97 | 19.81 | 40.00 | -28.19 | 26.59 | 24.91 | 0.51 | 32.20 | --- | --- | 2 | 159.01 | 24.41 | 43.50 | -19.09 | 38.49 | 16.20 | 1.82 | 32.10 | --- | Peak | 3 | 233.70 | 26.30 | 46.00 | -19.70 | 39.79 | 16.46 | 2.22 | 32.17 | --- | Peak | 4 | 272.50 | 22.28 | 46.00 | -23.72 | 33.23 | 18.80 | 2.41 | 32.16 | --- | Peak | 5 | 563.50 | 23.75 | 46.00 | -22.25 | 26.29 | 26.31 | 3.45 | 32.30 | --- | Peak | 6 | 850.62 | 28.13 | 46.00 | -17.87 | 27.35 | 28.94 | 4.24 | 32.40 | --- | Peak | <table><thead><tr><th></th><th>Limit</th><th>Over</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>41.64</td><td>29.72</td><td>40.00</td><td>-10.28</td><td>42.65</td><td>18.54</td><td>0.65</td><td>32.12</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>159.01</td><td>27.93</td><td>43.50</td><td>-15.57</td><td>42.01</td><td>16.20</td><td>1.82</td><td>32.10</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>225.94</td><td>22.81</td><td>46.00</td><td>-23.19</td><td>36.98</td><td>15.79</td><td>2.19</td><td>32.15</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>322.94</td><td>20.84</td><td>46.00</td><td>-25.16</td><td>31.01</td><td>19.35</td><td>2.63</td><td>32.15</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>675.05</td><td>25.89</td><td>46.00</td><td>-20.11</td><td>27.96</td><td>26.33</td><td>3.80</td><td>32.20</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>870.99</td><td>28.39</td><td>46.00</td><td>-17.61</td><td>27.52</td><td>28.90</td><td>4.29</td><td>32.32</td><td>---</td><td>Peak</td></tr></tbody></table> | | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | 1 | 41.64 | 29.72 | 40.00 | -10.28 | 42.65 | 18.54 | 0.65 | 32.12 | --- | Peak | 2 | 159.01 | 27.93 | 43.50 | -15.57 | 42.01 | 16.20 | 1.82 | 32.10 | --- | Peak | 3 | 225.94 | 22.81 | 46.00 | -23.19 | 36.98 | 15.79 | 2.19 | 32.15 | --- | Peak | 4 | 322.94 | 20.84 | 46.00 | -25.16 | 31.01 | 19.35 | 2.63 | 32.15 | --- | Peak | 5 | 675.05 | 25.89 | 46.00 | -20.11 | 27.96 | 26.33 | 3.80 | 32.20 | --- | Peak | 6 | 870.99 | 28.39 | 46.00 | -17.61 | 27.52 | 28.90 | 4.29 | 32.32 | --- | Peak | <table><thead><tr><th></th><th>Limit</th><th>Over</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>41.64</td><td>29.72</td><td>40.00</td><td>-10.28</td><td>42.65</td><td>18.54</td><td>0.65</td><td>32.12</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>159.01</td><td>27.93</td><td>43.50</td><td>-15.57</td><td>42.01</td><td>16.20</td><td>1.82</td><td>32.10</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>225.94</td><td>22.81</td><td>46.00</td><td>-23.19</td><td>36.98</td><td>15.79</td><td>2.19</td><td>32.15</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>322.94</td><td>20.84</td><td>46.00</td><td>-25.16</td><td>31.01</td><td>19.35</td><td>2.63</td><td>32.15</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>675.05</td><td>25.89</td><td>46.00</td><td>-20.11</td><td>27.96</td><td>26.33</td><td>3.80</td><td>32.20</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>870.99</td><td>28.39</td><td>46.00</td><td>-17.61</td><td>27.52</td><td>28.90</td><td>4.29</td><td>32.32</td><td>---</td><td>Peak</td></tr></tbody></table> | | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | 1 | 41.64 | 29.72 | 40.00 | -10.28 | 42.65 | 18.54 | 0.65 | 32.12 | --- | Peak | 2 | 159.01 | 27.93 | 43.50 | -15.57 | 42.01 | 16.20 | 1.82 | 32.10 | --- | Peak | 3 | 225.94 | 22.81 | 46.00 | -23.19 | 36.98 | 15.79 | 2.19 | 32.15 | --- | Peak | 4 | 322.94 | 20.84 | 46.00 | -25.16 | 31.01 | 19.35 | 2.63 | 32.15 | --- | Peak | 5 | 675.05 | 25.89 | 46.00 | -20.11 | 27.96 | 26.33 | 3.80 | 32.20 | --- | Peak | 6 | 870.99 | 28.39 | 46.00 | -17.61 | 27.52 | 28.90 | 4.29 | 32.32 | --- |
| | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 30.97 | 19.81 | 40.00 | -28.19 | 26.59 | 24.91 | 0.51 | 32.20 | --- | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 159.01 | 24.41 | 43.50 | -19.09 | 38.49 | 16.20 | 1.82 | 32.10 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 233.70 | 26.30 | 46.00 | -19.70 | 39.79 | 16.46 | 2.22 | 32.17 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 272.50 | 22.28 | 46.00 | -23.72 | 33.23 | 18.80 | 2.41 | 32.16 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 563.50 | 23.75 | 46.00 | -22.25 | 26.29 | 26.31 | 3.45 | 32.30 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 850.62 | 28.13 | 46.00 | -17.87 | 27.35 | 28.94 | 4.24 | 32.40 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 41.64 | 29.72 | 40.00 | -10.28 | 42.65 | 18.54 | 0.65 | 32.12 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 159.01 | 27.93 | 43.50 | -15.57 | 42.01 | 16.20 | 1.82 | 32.10 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 225.94 | 22.81 | 46.00 | -23.19 | 36.98 | 15.79 | 2.19 | 32.15 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 322.94 | 20.84 | 46.00 | -25.16 | 31.01 | 19.35 | 2.63 | 32.15 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 675.05 | 25.89 | 46.00 | -20.11 | 27.96 | 26.33 | 3.80 | 32.20 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 870.99 | 28.39 | 46.00 | -17.61 | 27.52 | 28.90 | 4.29 | 32.32 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Over | Read | Antenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 41.64 | 29.72 | 40.00 | -10.28 | 42.65 | 18.54 | 0.65 | 32.12 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 159.01 | 27.93 | 43.50 | -15.57 | 42.01 | 16.20 | 1.82 | 32.10 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 225.94 | 22.81 | 46.00 | -23.19 | 36.98 | 15.79 | 2.19 | 32.15 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 322.94 | 20.84 | 46.00 | -25.16 | 31.01 | 19.35 | 2.63 | 32.15 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 675.05 | 25.89 | 46.00 | -20.11 | 27.96 | 26.33 | 3.80 | 32.20 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 870.99 | 28.39 | 46.00 | -17.61 | 27.52 | 28.90 | 4.29 | 32.32 | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|--------|-------|--|-------|----------------------|-----|-------|--------|------|------|-------|--------|------|-------|-------------|--------------|-------------|--------|-------------|--------------|-------------|--------|---|---------|-------|-------|-------|---------|-------|-------|--------|----------------------|---|------|-------|-------------------|--|--|------|-------|------|-----|-------|--------|------|------|-------|--------|------|-------|-------------|--------------|-------------|--------|-------------|--------------|-------------|--------|---|---------|-------|-------|-------|---------|-------|-------|-------|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz + LTE Band 13 BW=5M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2498.74</td> <td>55.87</td> <td>74.00</td> <td>-18.13</td> <td>39.58</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00 100 227 PEAK</td> </tr> </tbody> </table> | | | | | | Freq | Limit | | | | | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2498.74 | 55.87 | 74.00 | -18.13 | 39.58 | 32.40 | 8.87 | 30.98 | 6.00 100 227 PEAK | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>95.31</td> <td>-----</td> <td>-----</td> <td>79.00</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00 100 227 PEAK</td> </tr> </tbody> </table> | | | | | | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2480.00 | 95.31 | ----- | ----- |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2498.74 | 55.87 | 74.00 | -18.13 | 39.58 | 32.40 | 8.87 | 30.98 | 6.00 100 227 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 95.31 | ----- | ----- | 79.00 | 32.40 | 8.88 | 30.97 | 6.00 100 227 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2498.98</td> <td>45.34</td> <td>54.00</td> <td>-8.66</td> <td>29.05</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00 100 227 AVERAGE</td> </tr> </tbody> </table> | | | | | | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2498.98 | 45.34 | 54.00 | -8.66 | 29.05 | 32.40 | 8.87 | 30.98 | 6.00 100 227 AVERAGE | <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>93.08</td> <td>-----</td> <td>-----</td> <td>76.77</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00 100 227 AVERAGE</td> </tr> </tbody> </table> | | | | | | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | 1 | 2480.00 | 93.08 | ----- | ----- | 76.77 | 32.40 | 8.88 | 30.97 |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2498.98 | 45.34 | 54.00 | -8.66 | 29.05 | 32.40 | 8.87 | 30.98 | 6.00 100 227 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2480.00 | 93.08 | ----- | ----- | 76.77 | 32.40 | 8.88 | 30.97 | 6.00 100 227 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



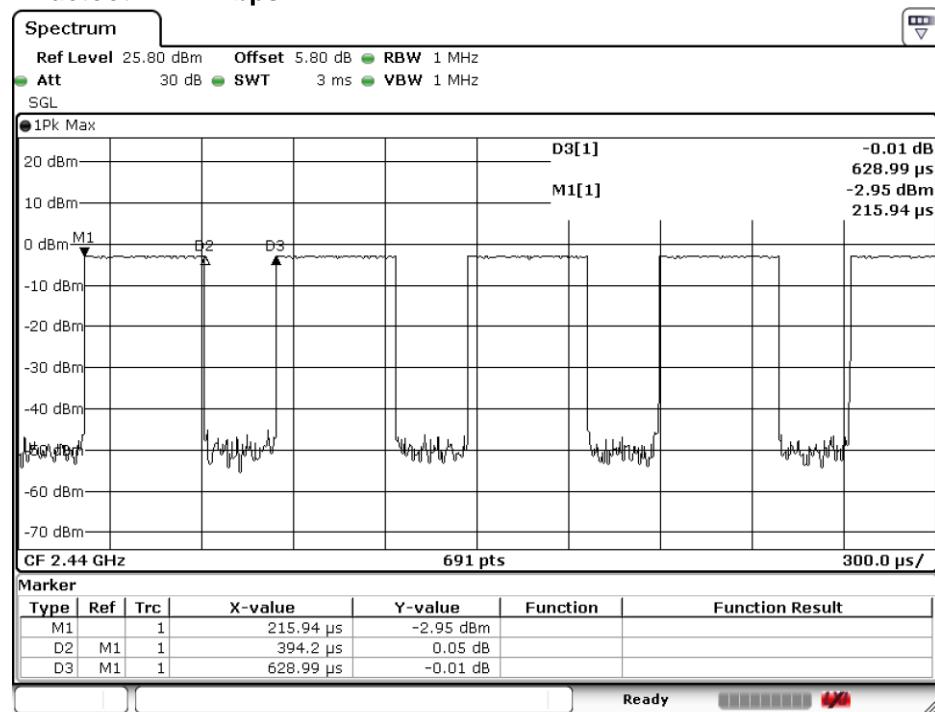
| Mode | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|-------------|--------|-------|--------|-------|--------|------|-----------------|------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---------|-------|-------|--------|-------|-------|------|-------|------|-----------------|--|------|-------|------|-----|-------|--------|-----|------|------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---------|-------|-------|-------|-------|-------|------|-------|------|-----------------|
| | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_Bluetooth-LE _CH39_2480MHz + LTE Band 13 BW=5M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>2493.82</td> <td>55.52</td> <td>74.00</td> <td>-18.48</td> <td>39.22</td> <td>32.40</td> <td>8.87</td> <td>30.97</td> <td>6.00</td> <td>282 264 PEAK</td> </tr> </tbody> </table> | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 2493.82 | 55.52 | 74.00 | -18.48 | 39.22 | 32.40 | 8.87 | 30.97 | 6.00 | 282 264 PEAK |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>2480.00</td> <td>92.57</td> <td>-----</td> <td>-----</td> <td>76.26</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>282 264 PEAK</td> </tr> </tbody> </table> | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 2480.00 | 92.57 | ----- | ----- | 76.26 | 32.40 | 8.88 | 30.97 | 6.00 | 282 264 PEAK |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2493.82 | 55.52 | 74.00 | -18.48 | 39.22 | 32.40 | 8.87 | 30.97 | 6.00 | 282 264 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2480.00 | 92.57 | ----- | ----- | 76.26 | 32.40 | 8.88 | 30.97 | 6.00 | 282 264 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>2499.16</td> <td>45.10</td> <td>54.00</td> <td>-8.90</td> <td>28.81</td> <td>32.40</td> <td>8.87</td> <td>30.98</td> <td>6.00</td> <td>282 264 AVERAGE</td> </tr> </tbody> </table> | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 2499.16 | 45.10 | 54.00 | -8.90 | 28.81 | 32.40 | 8.87 | 30.98 | 6.00 | 282 264 AVERAGE |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>2480.00</td> <td>90.34</td> <td>-----</td> <td>-----</td> <td>74.03</td> <td>32.40</td> <td>8.88</td> <td>30.97</td> <td>6.00</td> <td>282 264 AVERAGE</td> </tr> </tbody> </table> | Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 2480.00 | 90.34 | ----- | ----- | 74.03 | 32.40 | 8.88 | 30.97 | 6.00 | 282 264 AVERAGE |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2499.16 | 45.10 | 54.00 | -8.90 | 28.81 | 32.40 | 8.87 | 30.98 | 6.00 | 282 264 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2480.00 | 90.34 | ----- | ----- | 74.03 | 32.40 | 8.88 | 30.97 | 6.00 | 282 264 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Appendix C. Duty Cycle Plots

| Band | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|--------------------|---------------|-------|----------|-------------|
| Bluetooth LE 1Mbps | 62.67 | 0.394 | 2.537 | 2.7KHz |
| Bluetooth LE 2Mbps | 33.63 | 0.212 | 4.728 | 5.1KHz |

Bluetooth LE 1Mbps



Bluetooth LE 2Mbps

