



FCC RF Test Report

APPLICANT : Quectel Wireless Solutions Co., Ltd.
EQUIPMENT : WiFi & Bluetooth Module
BRAND NAME : Quectel
MODEL NAME : FCS950U
FCC ID : XMR2023FCS950U
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System
TEST DATE(S) : Dec. 21, 2022 ~ Jan. 10, 2023

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



Sporton International Inc. (Kunshan)

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION | ISSUED DATE |
|------------|---------|-------------------------|---------------|
| FR2D0802C | Rev. 01 | Initial issue of report | Jan. 16, 2023 |
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SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result | Remark |
|----------------|--------------------|--|-----------------------|-------------|------------------------------------|
| 3.1 | 15.247(a)(2) | 6dB Bandwidth | ≥ 0.5MHz | Pass | - |
| 3.1 | - | 99% Bandwidth | - | Report Only | - |
| 3.2 | 15.247(b) | Power Output Measurement | ≤ 30dBm | Pass | - |
| 3.3 | 15.247(e) | Power Spectral Density | ≤ 8dBm/3kHz | Pass | - |
| 3.4 | 15.247(d) | Conducted Band Edges | ≤ 20dBc | Pass | - |
| | | Conducted Spurious Emission | | Pass | - |
| 3.5 | 15.247(d) | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d) | Pass | Under limit 1.27 dB at 4874.00 MHz |
| 3.6 | 15.207 | AC Conducted Emission | 15.207(a) | Pass | Under limit 10.08 dB at 0.541 MHz |
| 3.7 | 15.203 & 15.247(b) | Antenna Requirement | 15.203 & 15.247(b) | Pass | - |

| |
|--|
| Declaration of Conformity: |
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits. |
| Comments and Explanations: |
| The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. |



1 General Description

1.1 Applicant

Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China

1.2 Manufacturer

Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China

1.3 Product Feature of Equipment Under Test

| Product Feature | |
|-----------------|---|
| Equipment | WiFi & Bluetooth Module |
| Brand Name | Quectel |
| Model Name | FCS950U |
| FCC ID | XMR2023FCS950U |
| SN Code | Conducted: E1822K424000035 Conduction: E1822K424000070 Radiation: E1822K424000082 |
| HW Version | R1.0 |
| 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 Channel Frequency Range | 2412 MHz ~ 2462 MHz |
| Maximum (Peak) Output Power to antenna | 802.11b : 20.35 dBm (0.1084 W) 802.11g : 23.72 dBm (0.2355 W) 802.11n HT20 : 23.50 dBm (0.2239 W) 802.11n HT40 : 21.35 dBm (0.1365 W) |
| 99% Occupied Bandwidth | 802.11b : 11.89 MHz 802.11g : 17.38 MHz 802.11n HT20 : 18.13 MHz 802.11n HT40 : 36.26 MHz |
| Antenna Type / Gain | Dipole Antenna Type with gain 0.73 dBi |
| Type of Modulation | 802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) |



1.5 Modification of EUT

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

1.6 Testing Location

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

| | | | |
|---------------------------|--|----------------------------|---------------------------------------|
| Test Firm | Sporton 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 FAX : +86-512-57900958 | | |
| Test Site No. | Sporton Site No. | FCC Designation No. | FCC Test Firm Registration No. |
| | CO01-KS 03CH06-KS TH01-KS | CN1257 | 314309 |

1.7 Test Software

| Item | Site | Manufacturer | Name | Version |
|------|-----------|--------------|------|---------------|
| 1. | 03CH06-KS | AUDIX | E3 | 6.2009-8-24al |
| 2. | 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:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

- 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 (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|-----------------|---------|-------------|---------|-------------|
| 2400-2483.5 MHz | 1 | 2412 | 7 | 2442 |
| | 2 | 2417 | 8 | 2447 |
| | 3 | 2422 | 9 | 2452 |
| | 4 | 2427 | 10 | 2457 |
| | 5 | 2432 | 11 | 2462 |
| | 6 | 2437 | | |

2.2 Test Mode

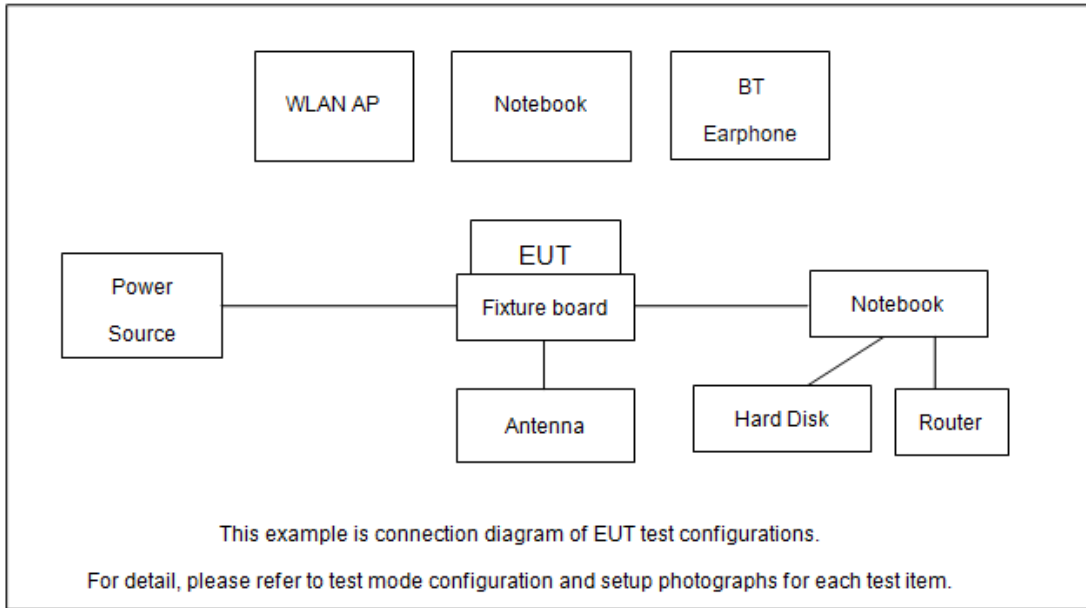
Final test modes are considering the modulation and worse data rates as below table.

| Modulation | Data Rate |
|--------------|-----------|
| 802.11b | 1 Mbps |
| 802.11g | 6 Mbps |
| 802.11n HT20 | MCS0 |
| 802.11n HT40 | MCS0 |

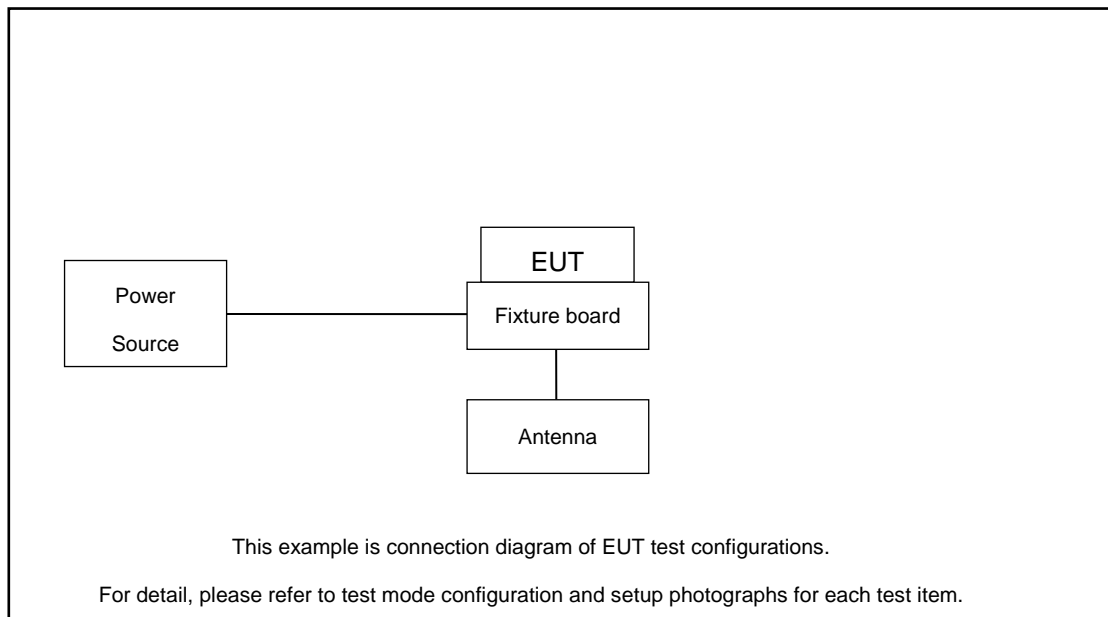
| Test Cases | |
|--|---|
| AC Conducted Emission | Mode 1 :Bluetooth Link + WLAN Link(2.4G) + Powered by Fixture board |
| Remark: For Radiated Test Cases, The tests were performed with Fixture board. | |

2.3 Connection Diagram of Test System

For AC Conducted Emission:



For Radiated Emission:



2.4 Support Unit used in test configuration and system

| Item | Equipment | Trade Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|---------------|------------|------------|---------------|----------------|--|
| 1. | Notebook | Lenovo | G480 | QDS-BRCM1050I | N/A | shielded cable DC O/P 1.8m Unshielded AC I/P cable 1.8m |
| 2. | WLAN AP | D-link | DIR-655 | KA21R655B1 | N/A | Unshielded,1.8m |
| 3. | Hard Disk | Lenovo | F310 | DoC | Shielded, 1.2m | N/A |
| 4. | Fixture board | Quectel | N/A | N/A | N/A | N/A |

2.5 EUT Operation Test Setup

For WLAN RF test items, an 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.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 5.8 dB.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 5.8 \text{ (dB)} \end{aligned}$$

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

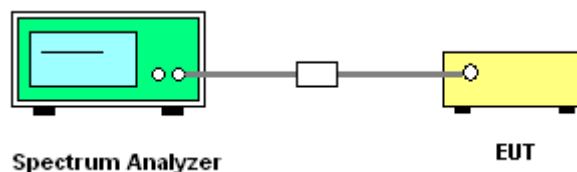
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8
2. The RF output of EUT was connected to the spectrum analyzer 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. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) = 1%~5% of OBW and set the Video bandwidth (VBW) = 3MHz.
6. Measure and record the results in the test report.

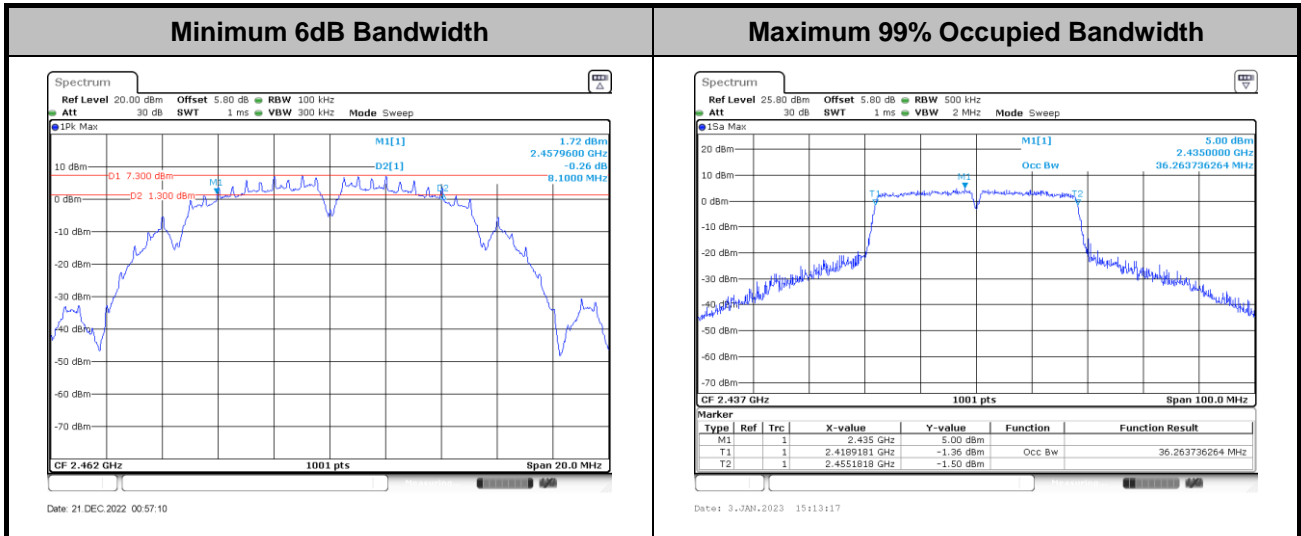
3.1.4 Test Setup





3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.



Note : The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Output Power Measurement

3.2.1 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 with 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.

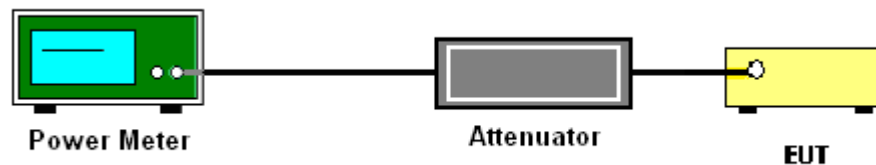
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 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.

3.2.4 Test Setup



3.2.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.2.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

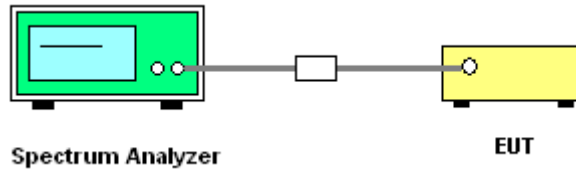
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

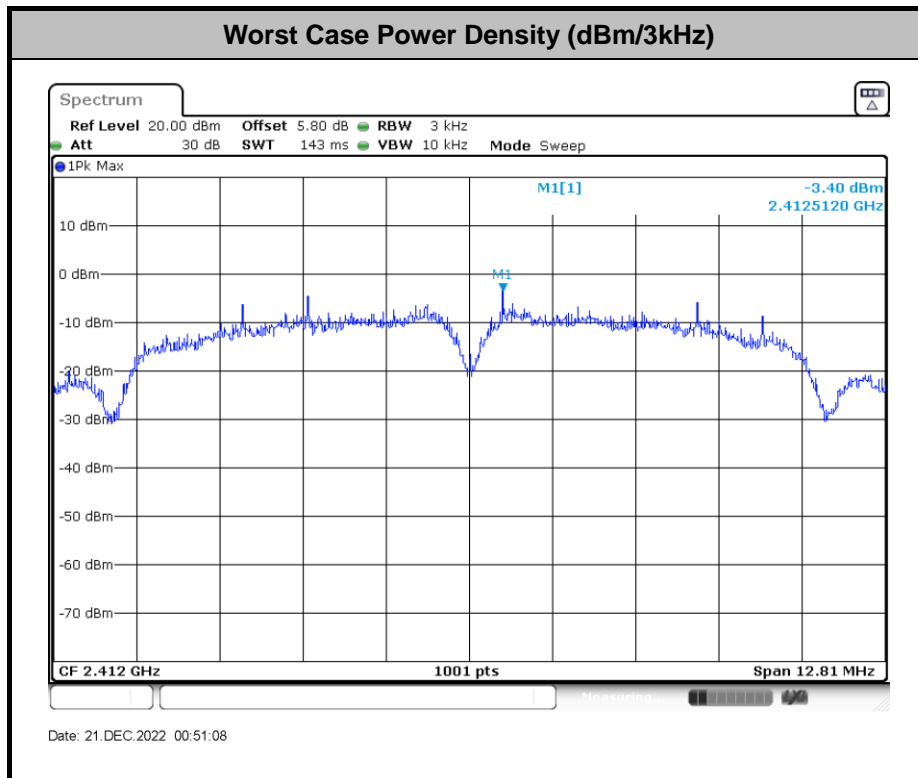
1. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

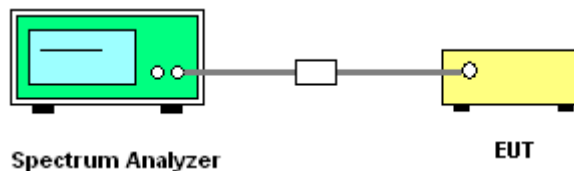
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.13
2. The RF output of EUT was connected to the spectrum analyzer 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. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup

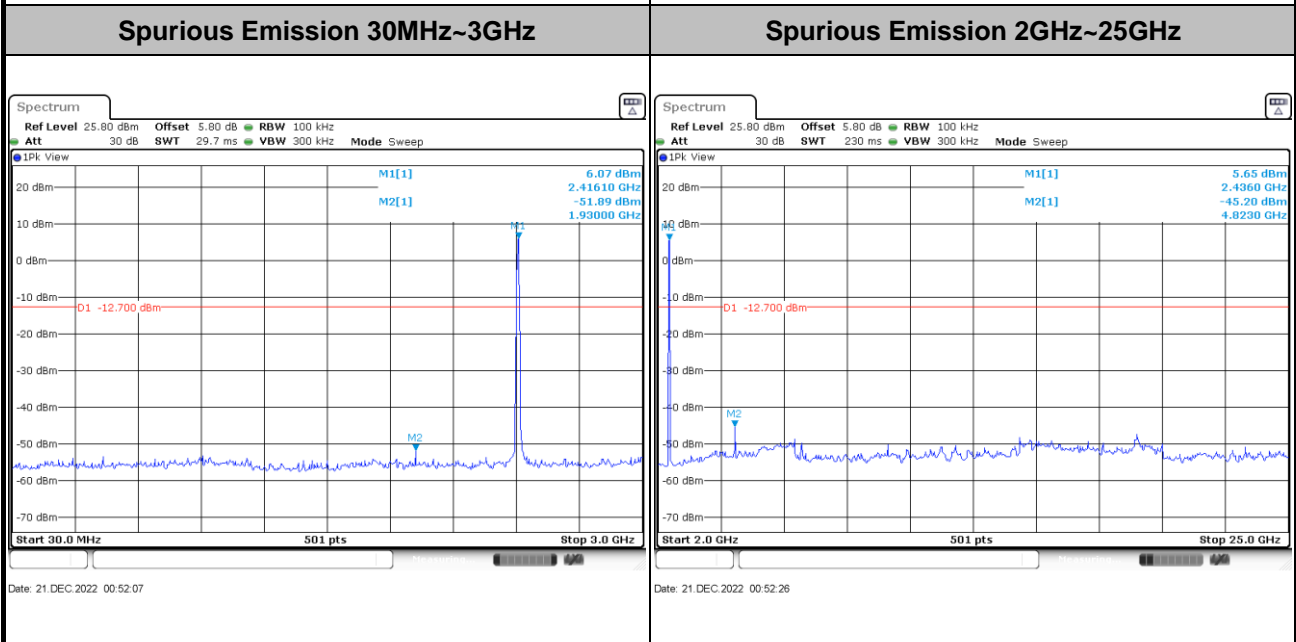
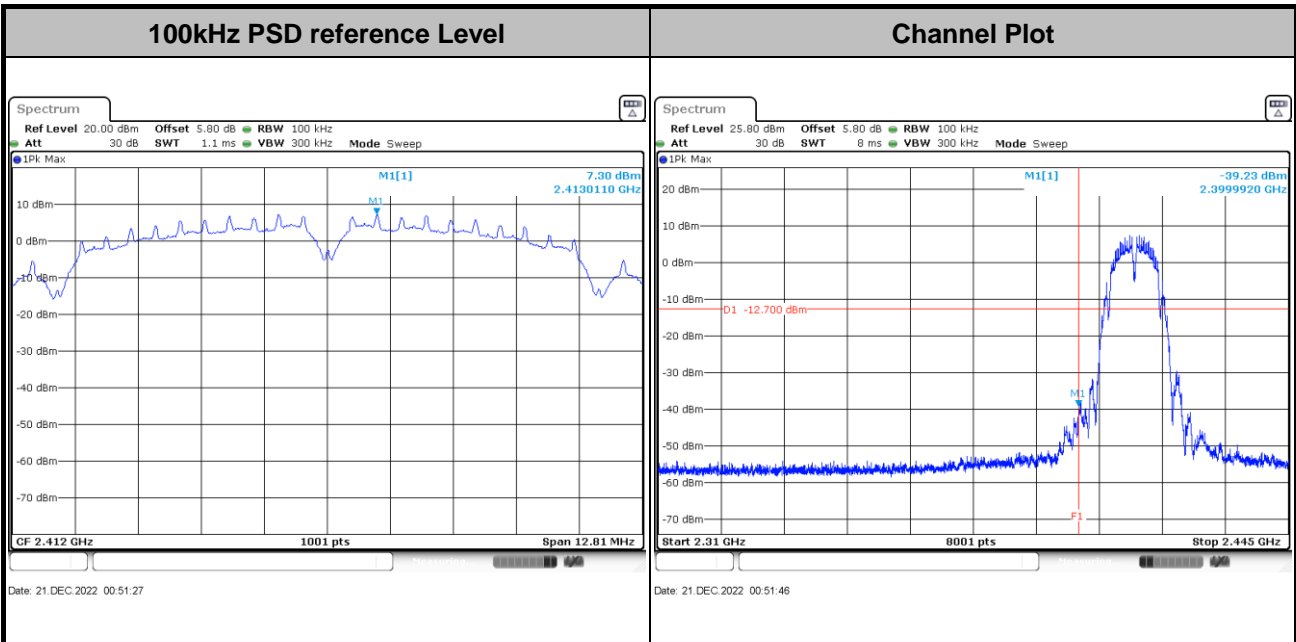




3.4.5 Test Result of Conducted Band Edges and Spurious Emission

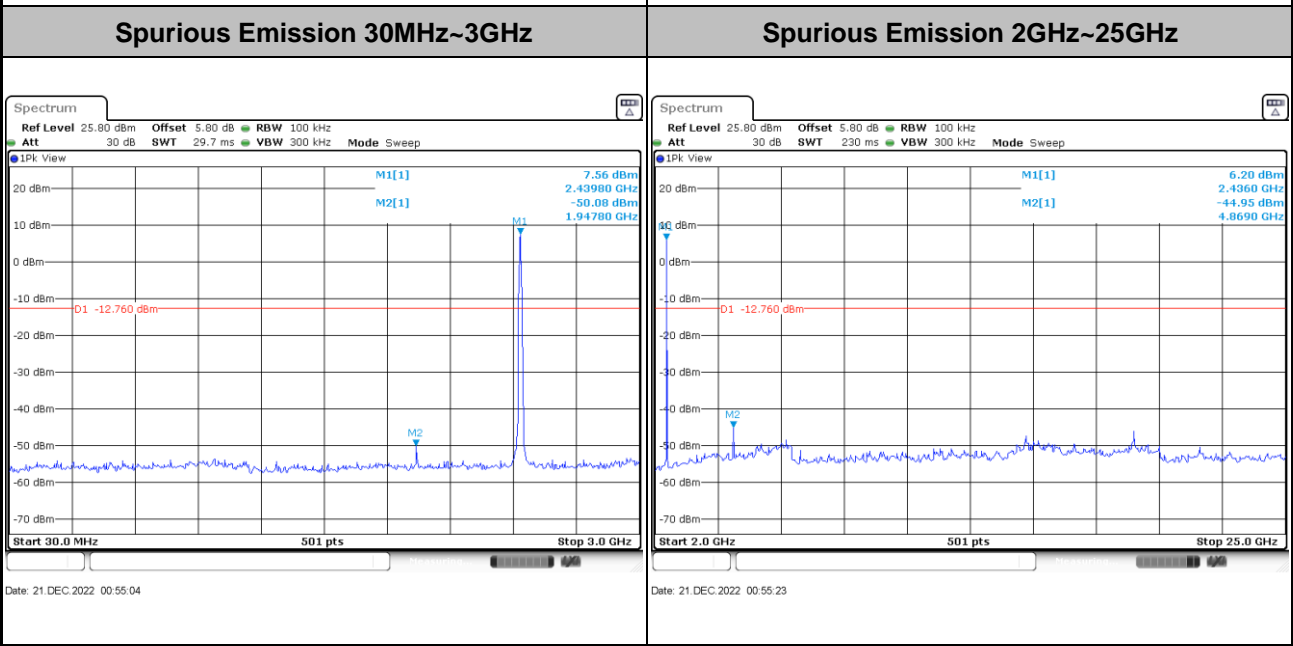
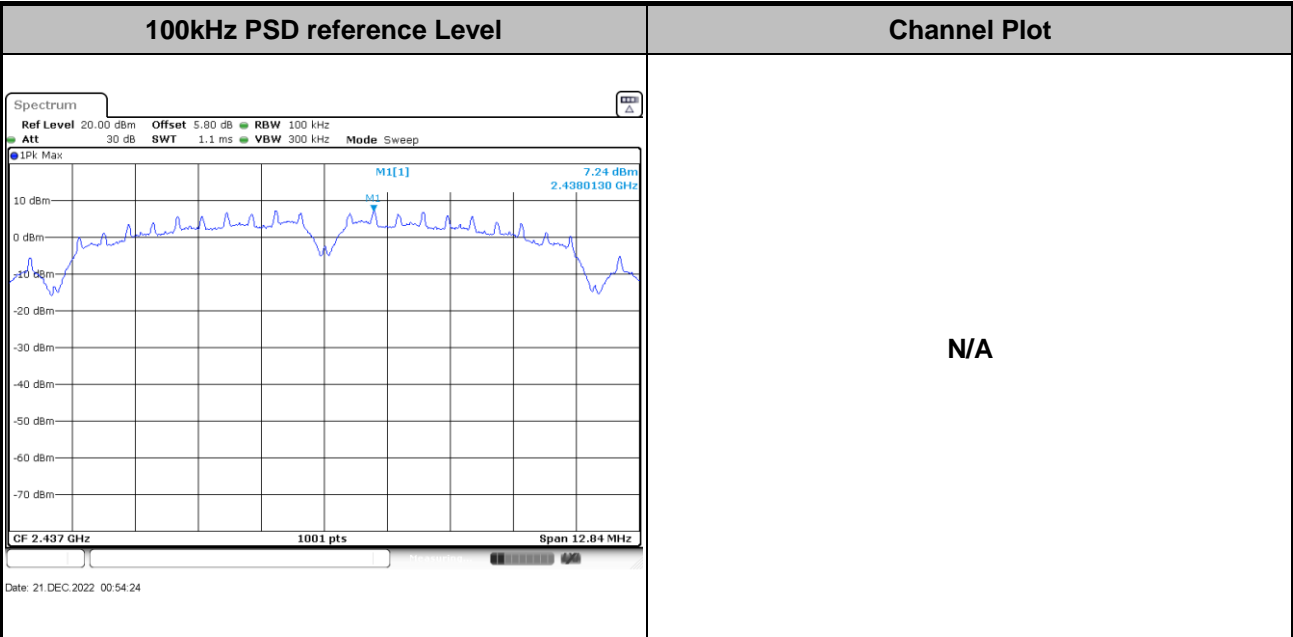
| | | |
|-----------------------------|---------------------|---------|
| Test Engineer : Jacob Zhang | Temperature : | 21~25°C |
| | Relative Humidity : | 51~54% |

| | | | |
|-------------|---------|----------------|----|
| Test Mode : | 802.11b | Test Channel : | 01 |
|-------------|---------|----------------|----|



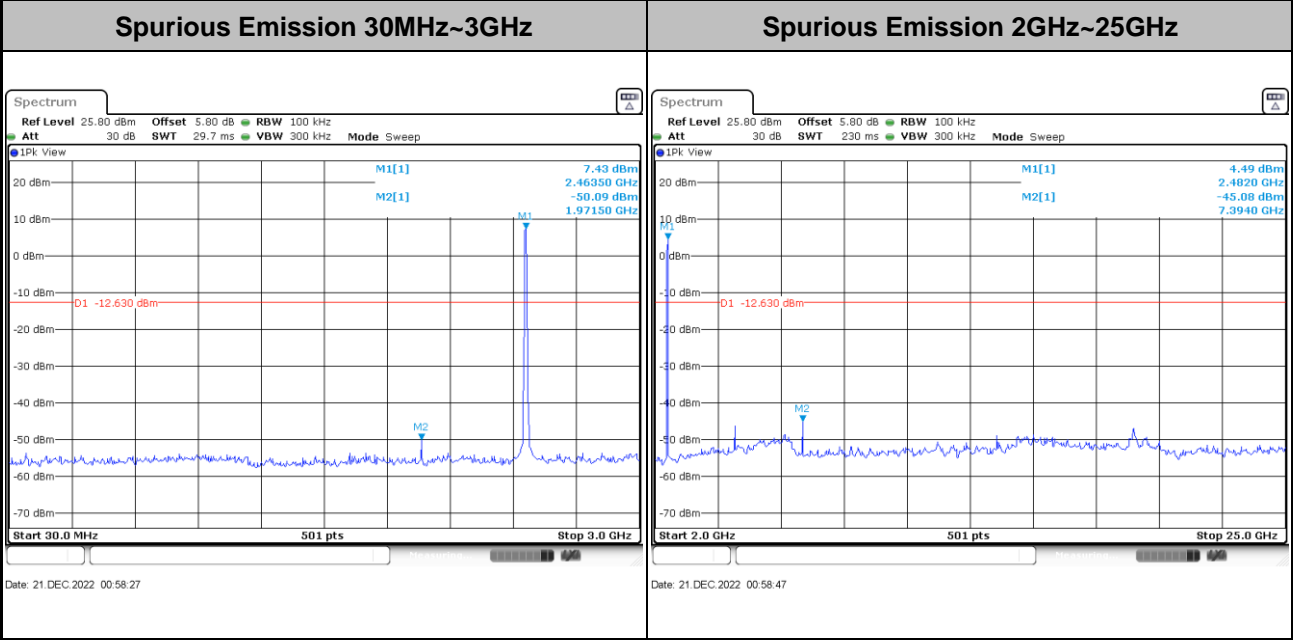
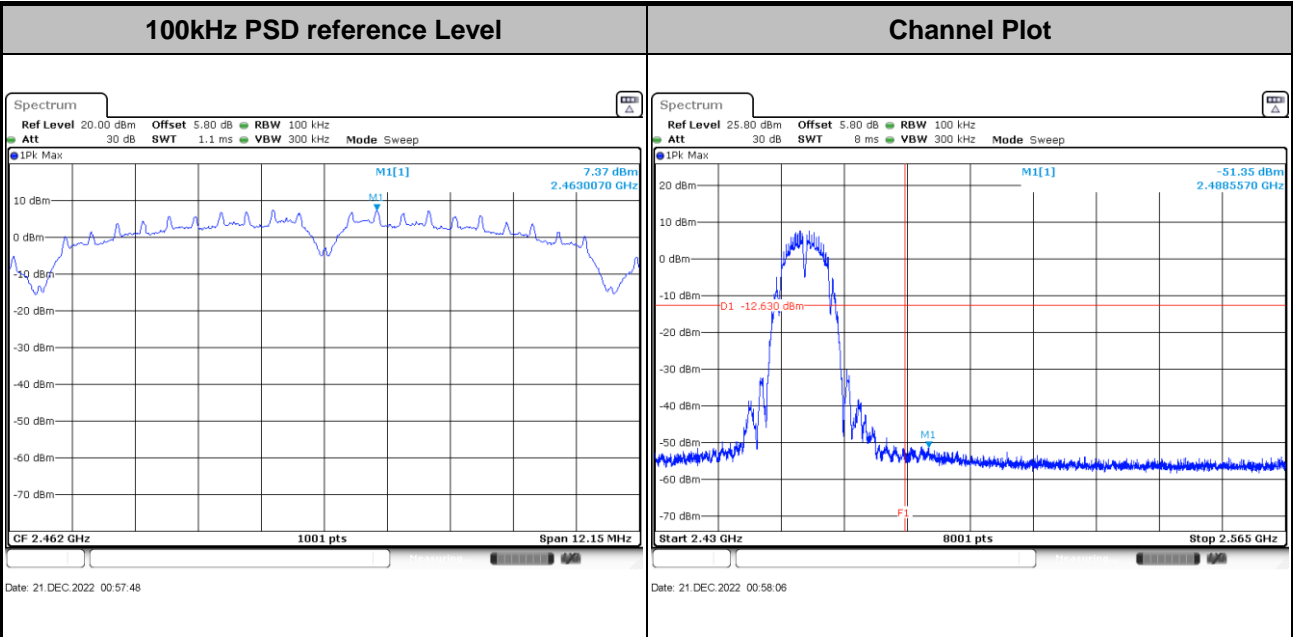


| | | | |
|-------------|---------|----------------|----|
| Test Mode : | 802.11b | Test Channel : | 06 |
|-------------|---------|----------------|----|



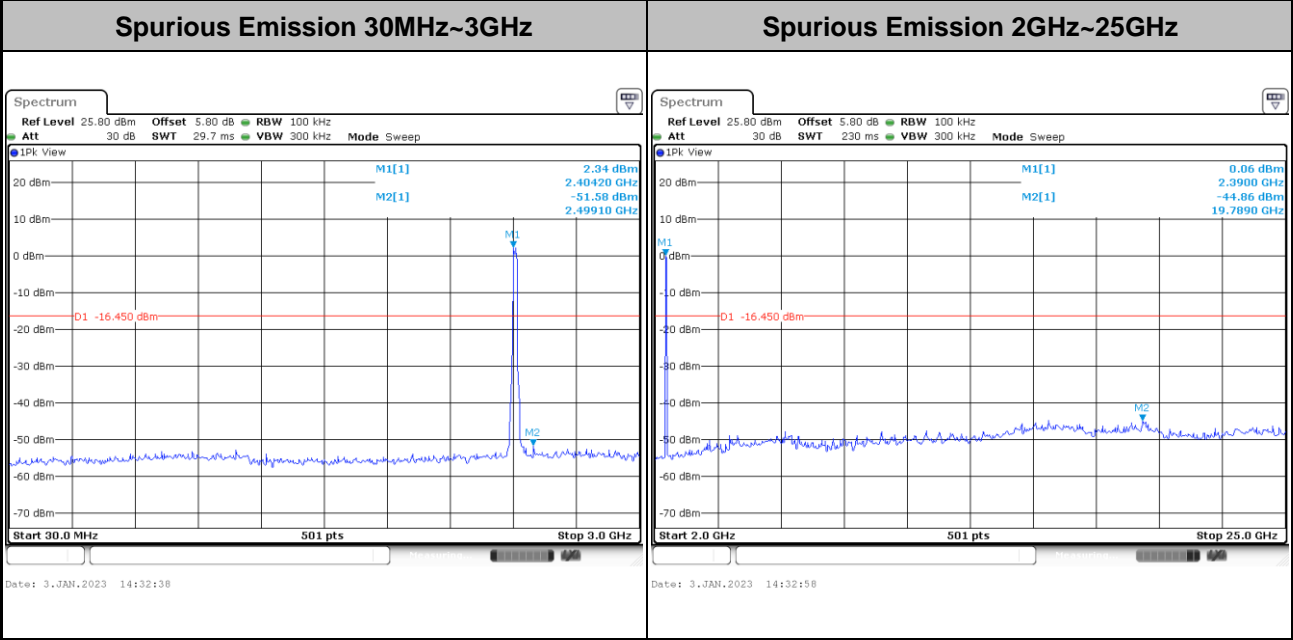
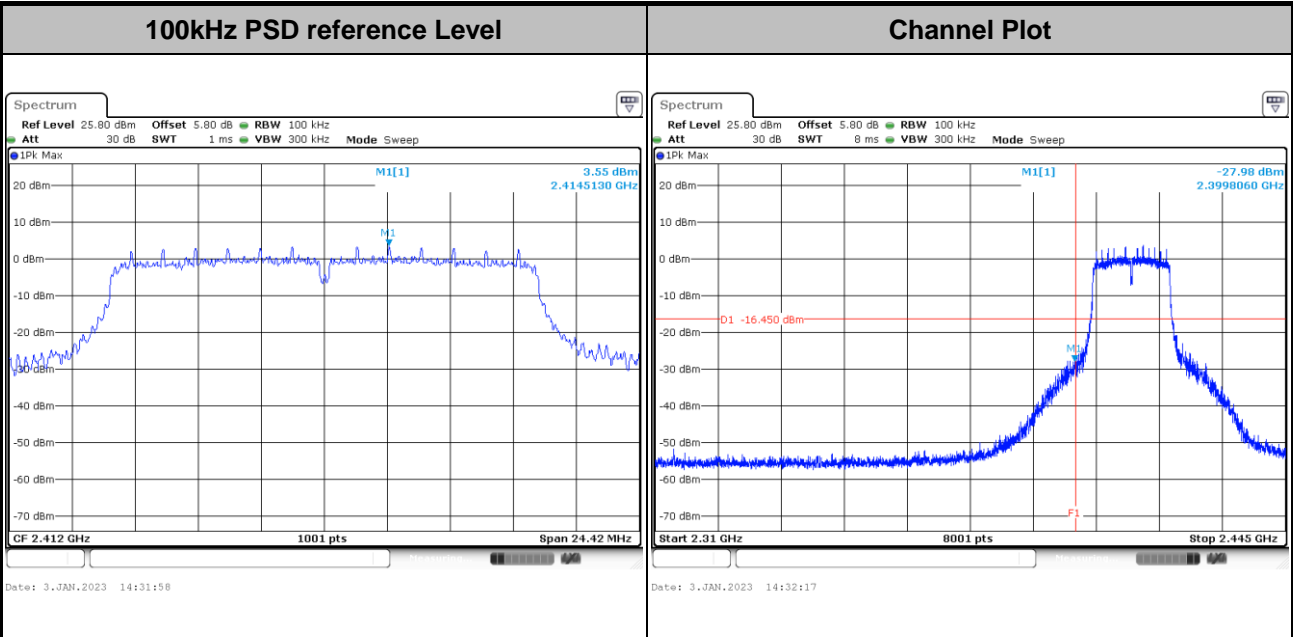


Test Mode : 802.11b Test Channel : 11



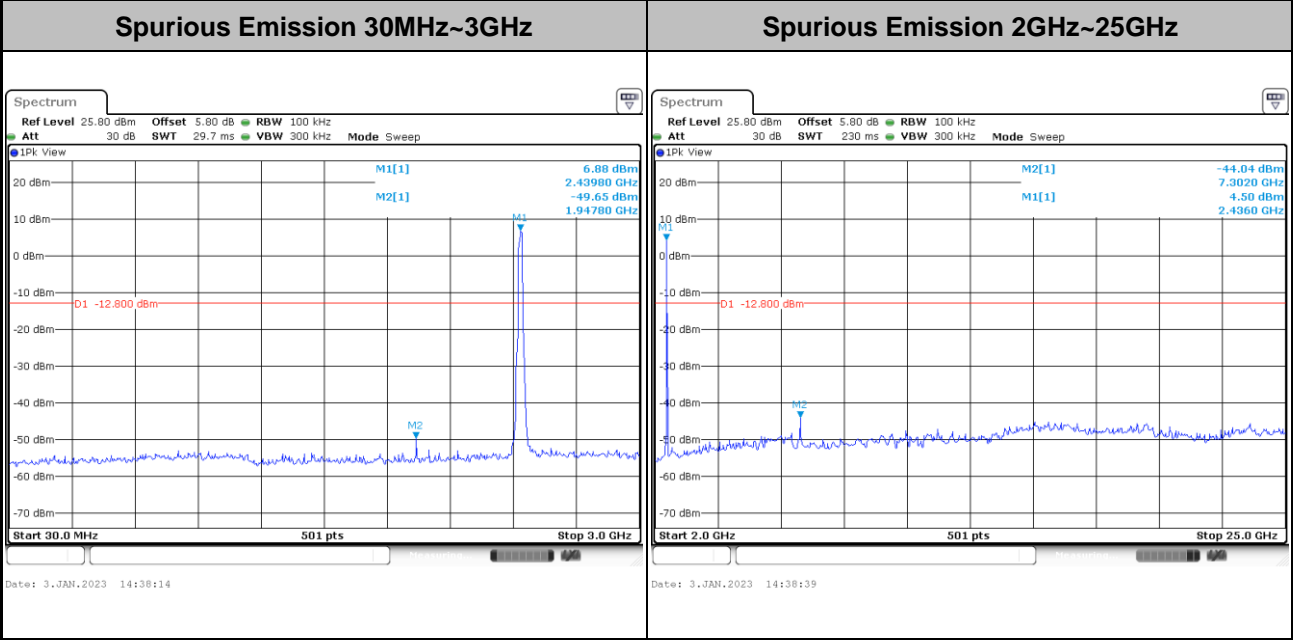
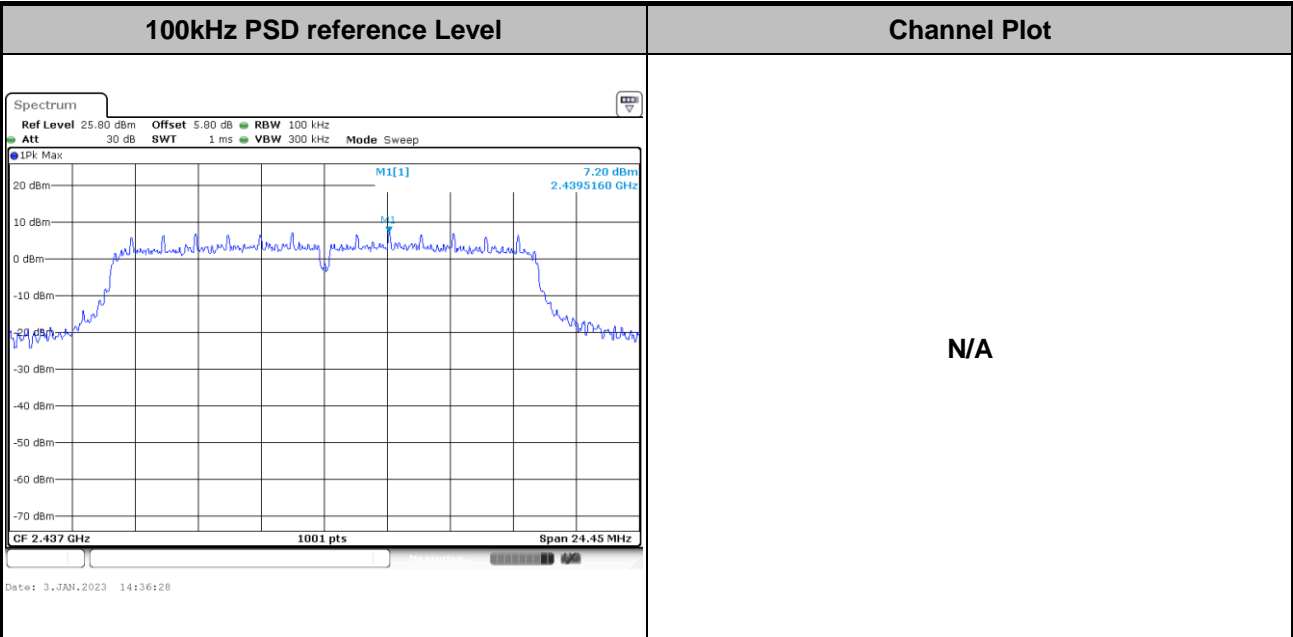


Test Mode : 802.11g Test Channel : 01



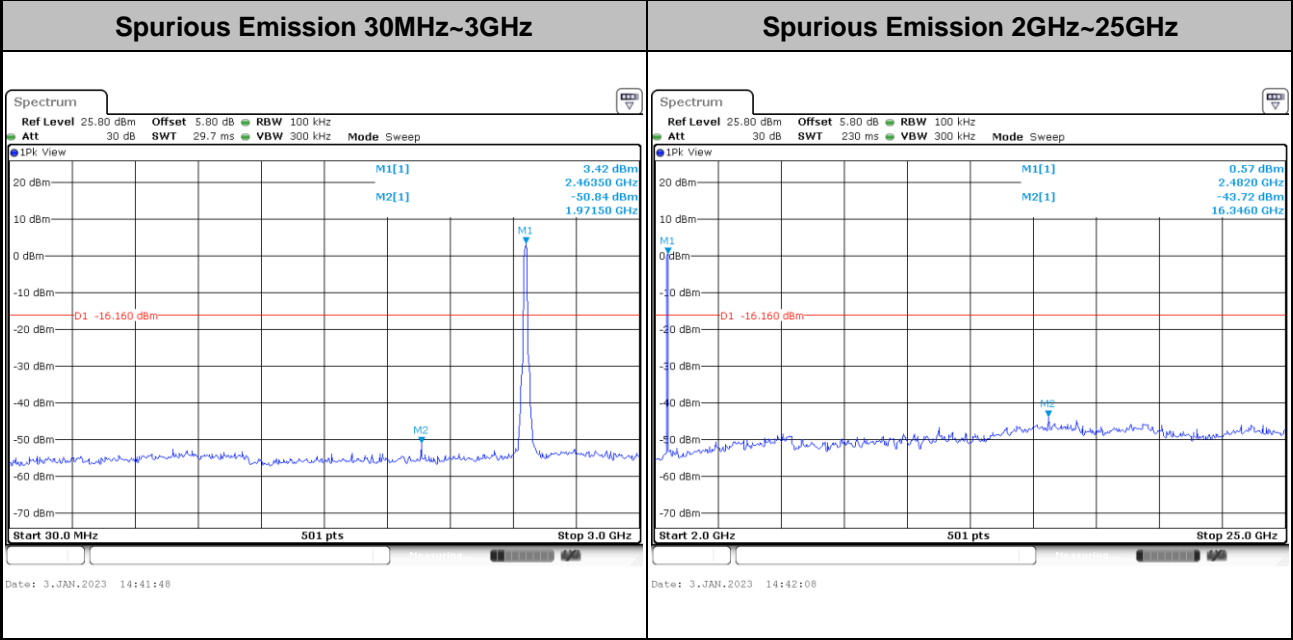
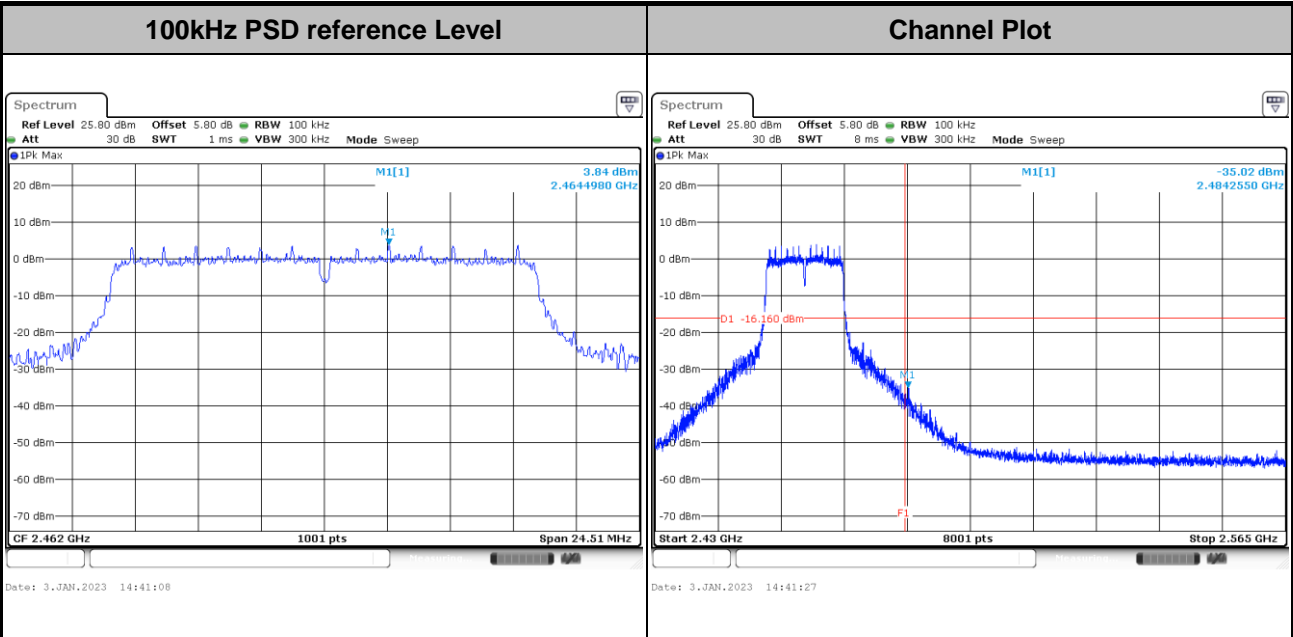


| | | | |
|-------------|---------|----------------|----|
| Test Mode : | 802.11g | Test Channel : | 06 |
|-------------|---------|----------------|----|



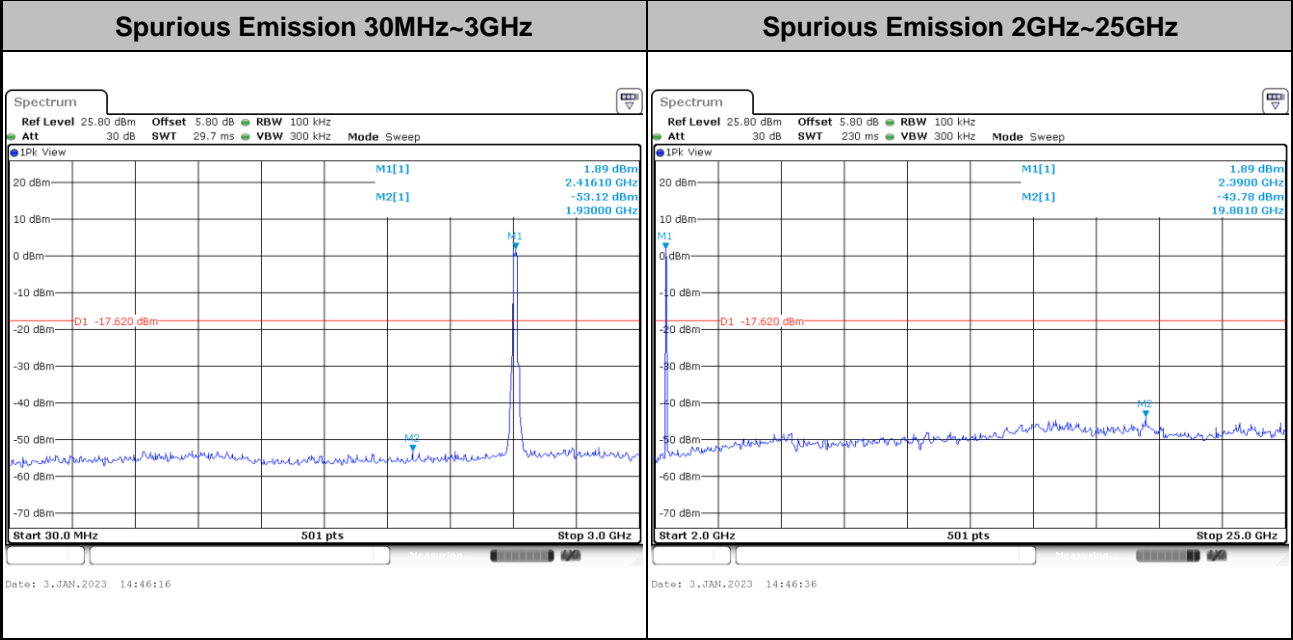
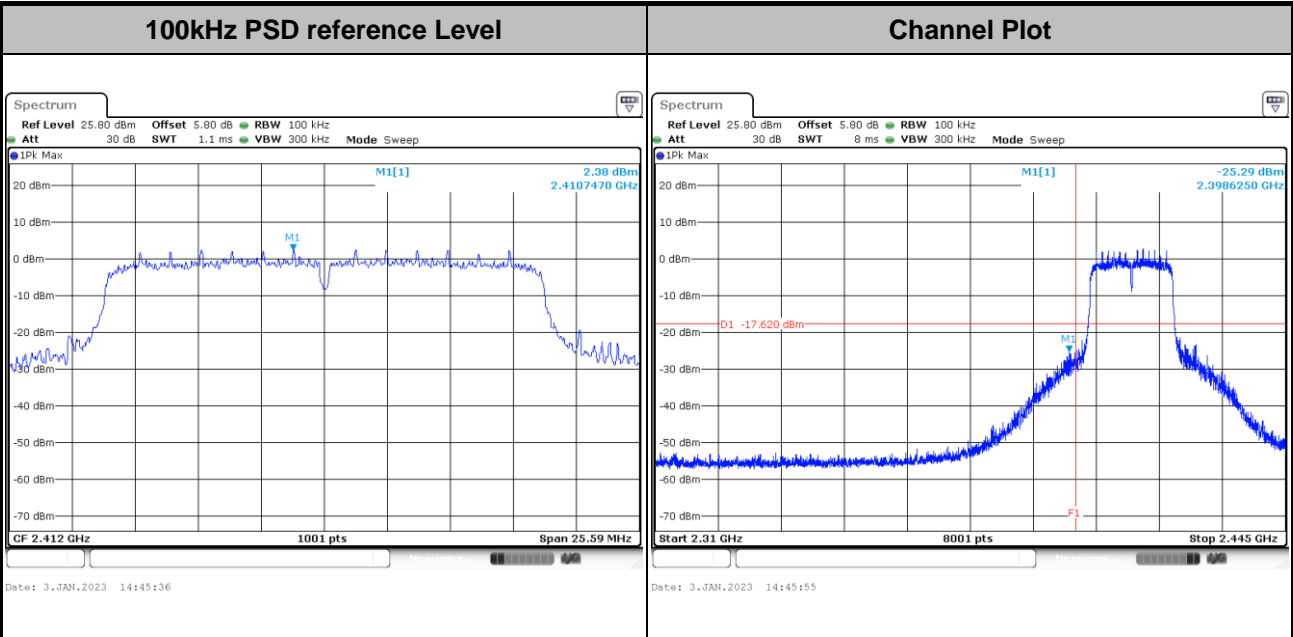


Test Mode : 802.11g Test Channel : 11



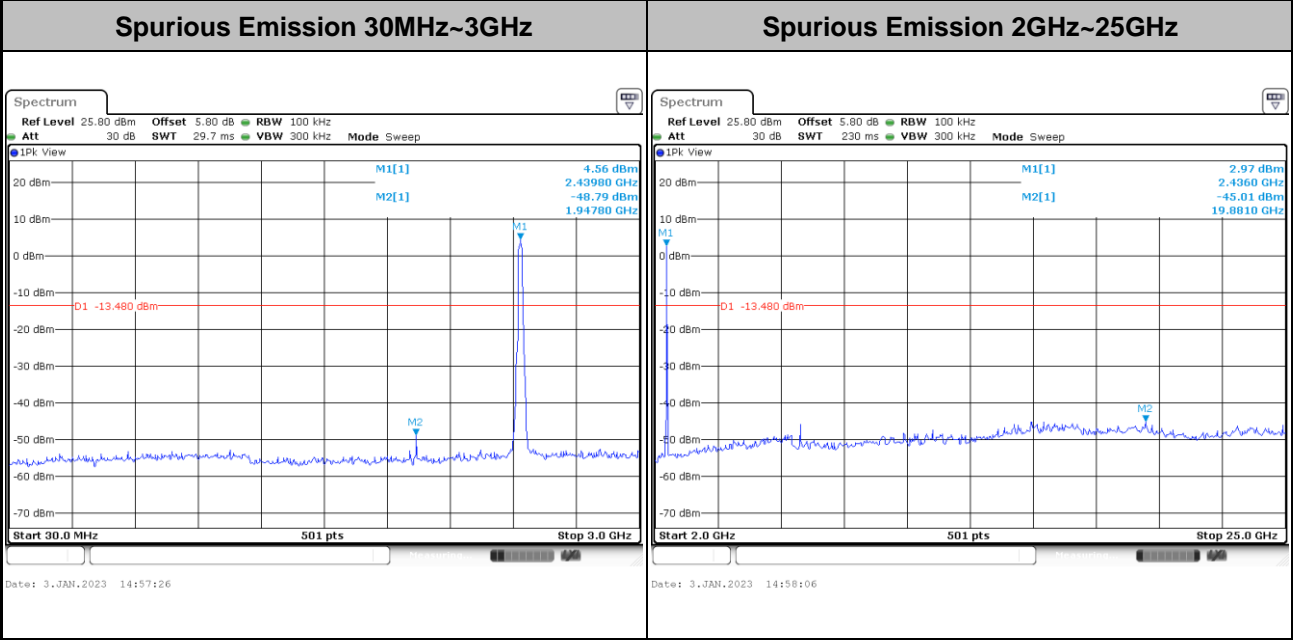
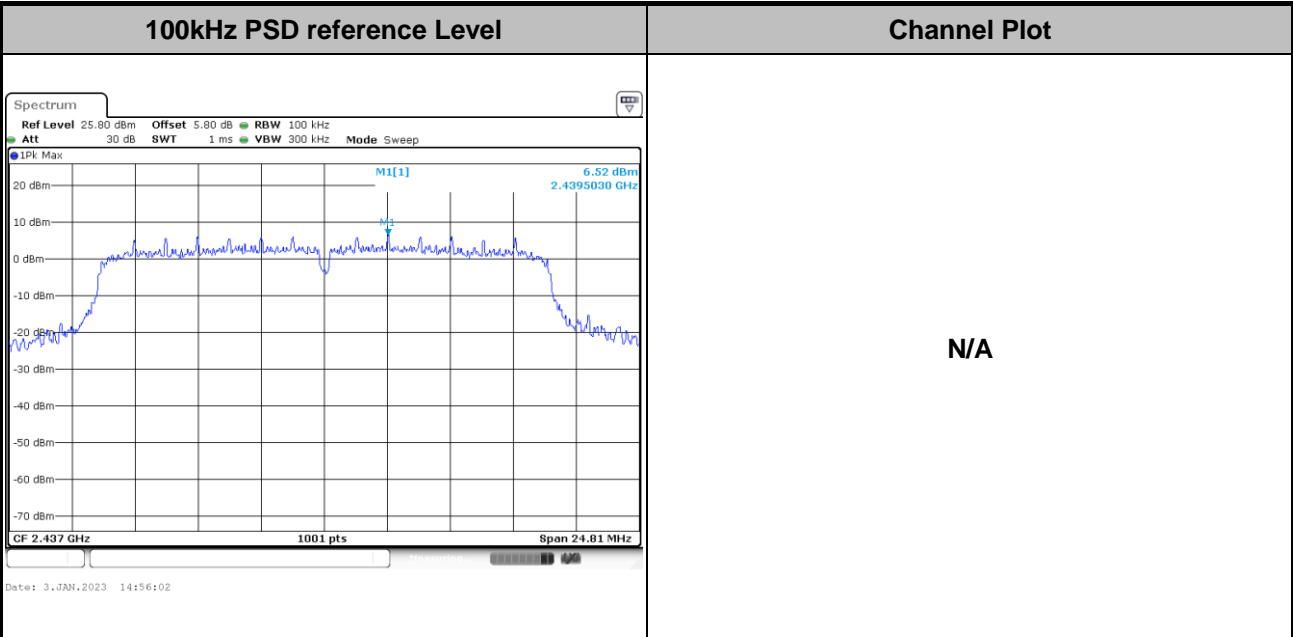


Test Mode : 802.11n HT20 Test Channel : 01



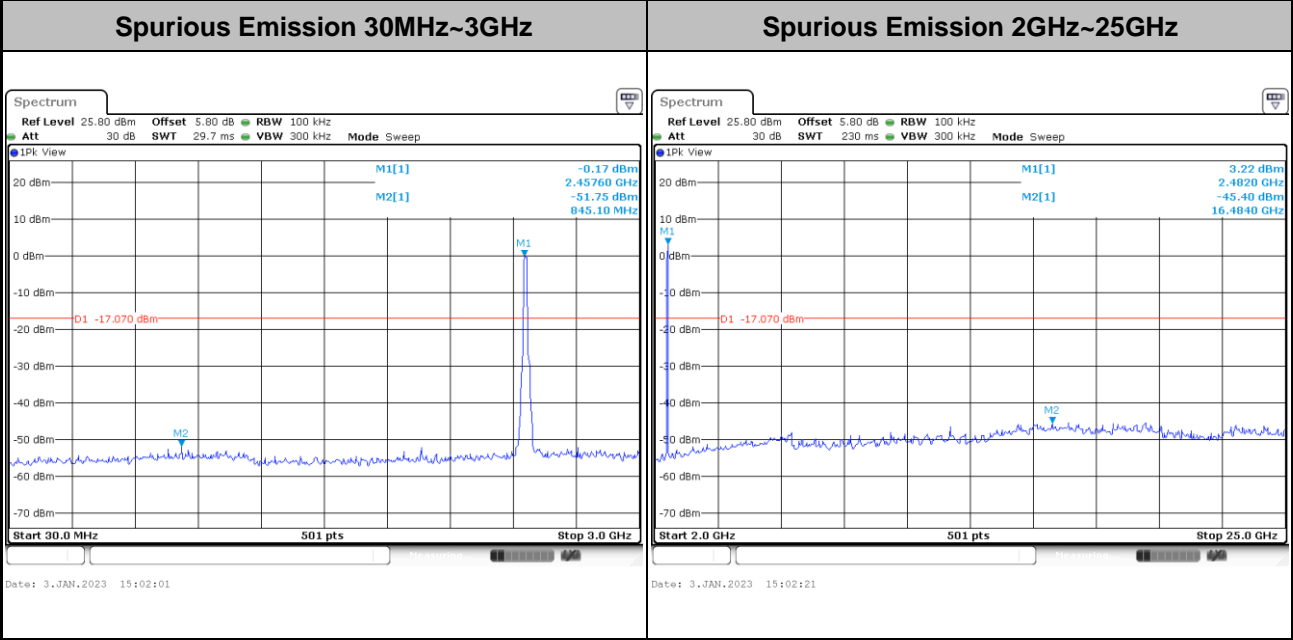
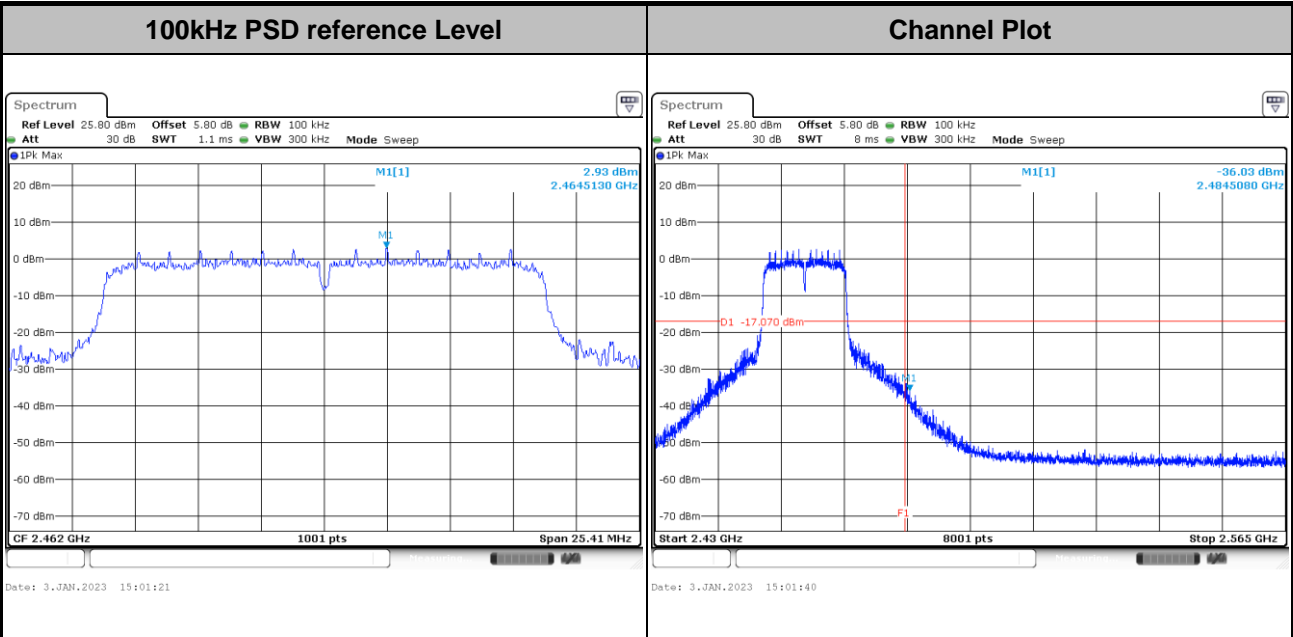


| | | | |
|-------------|--------------|----------------|----|
| Test Mode : | 802.11n HT20 | Test Channel : | 06 |
|-------------|--------------|----------------|----|



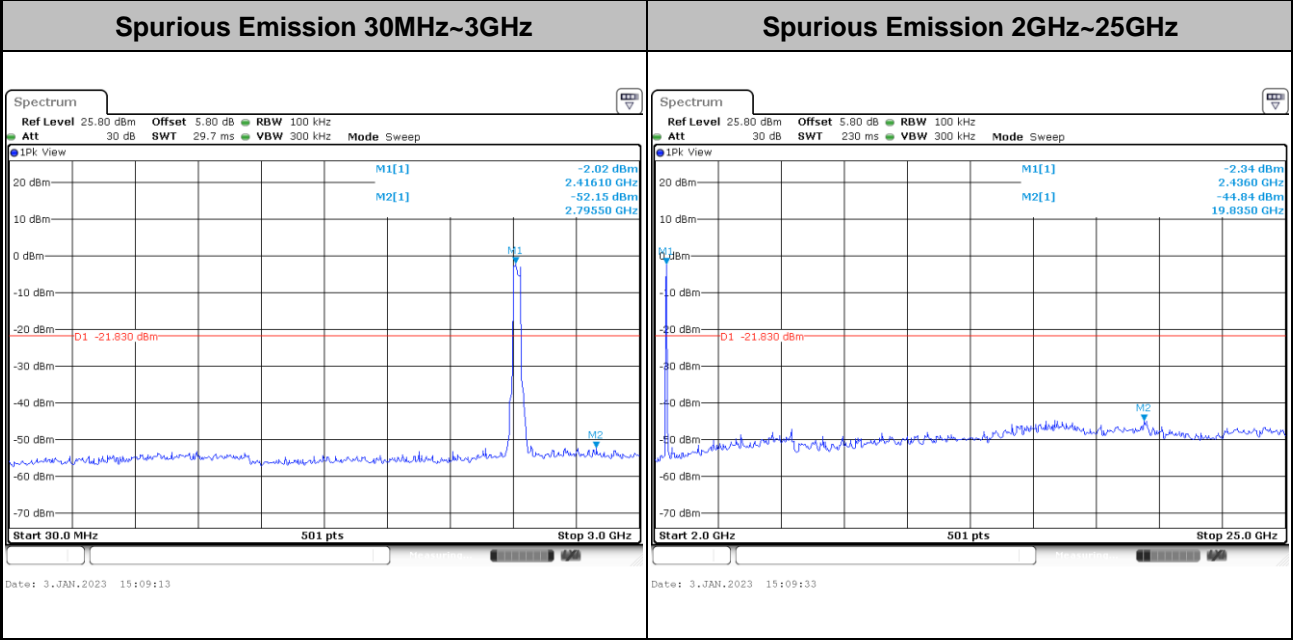
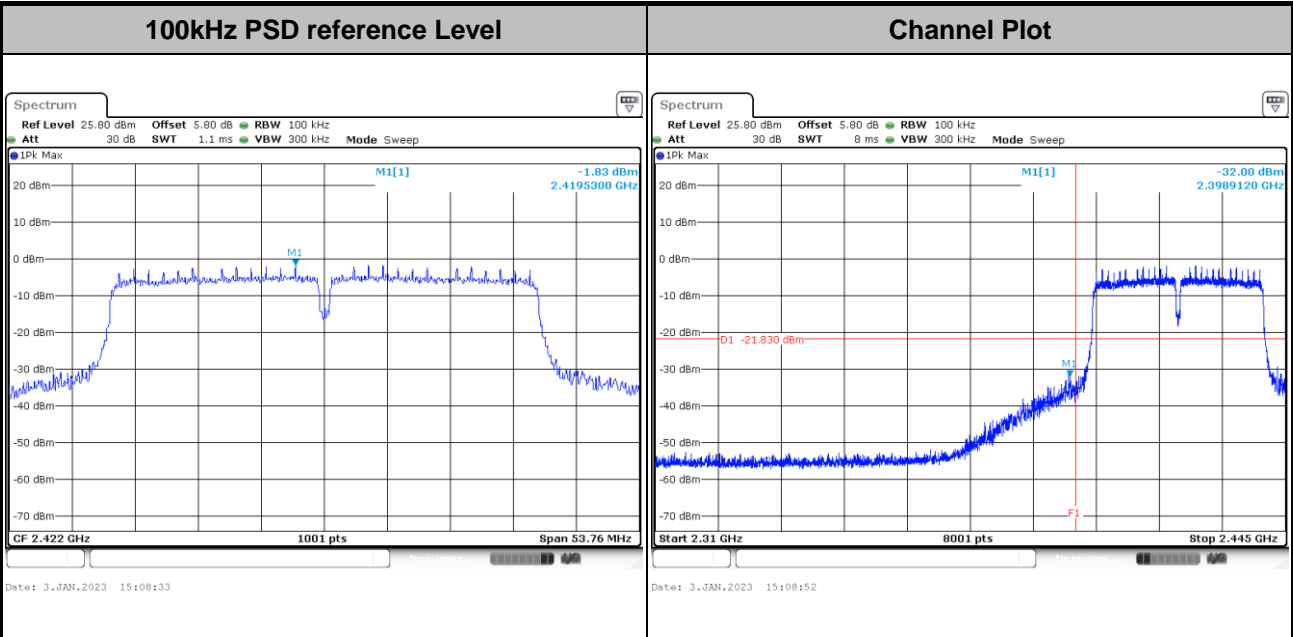


Test Mode : 802.11n HT20 Test Channel : 11



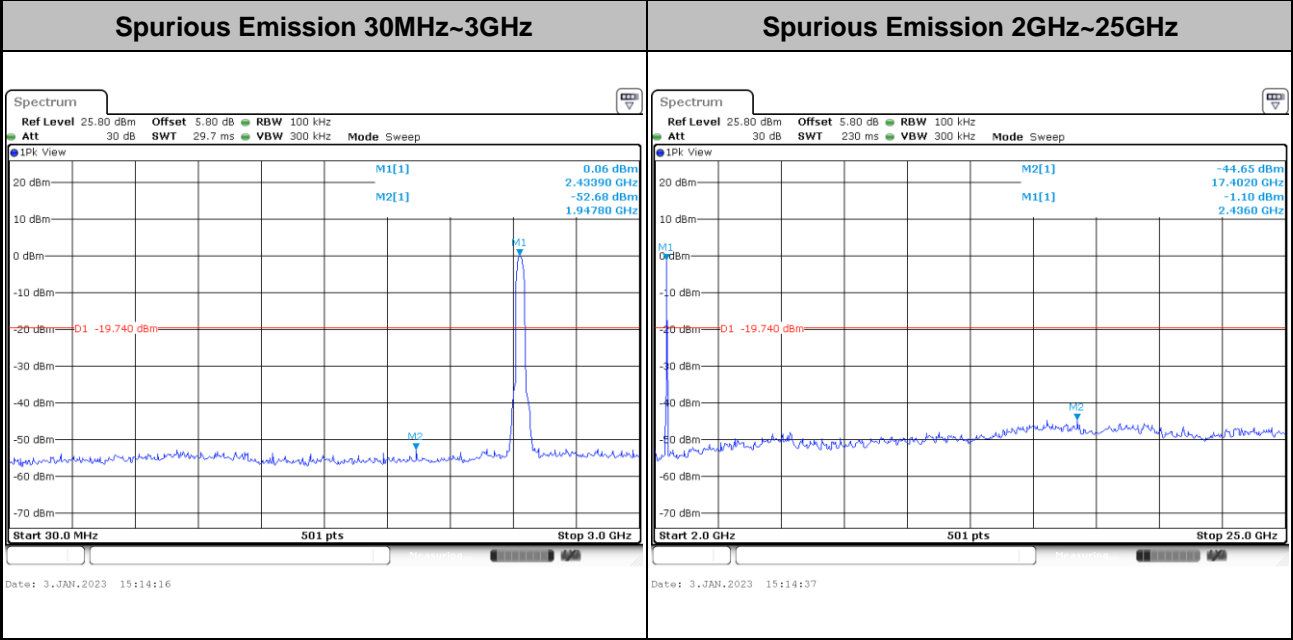
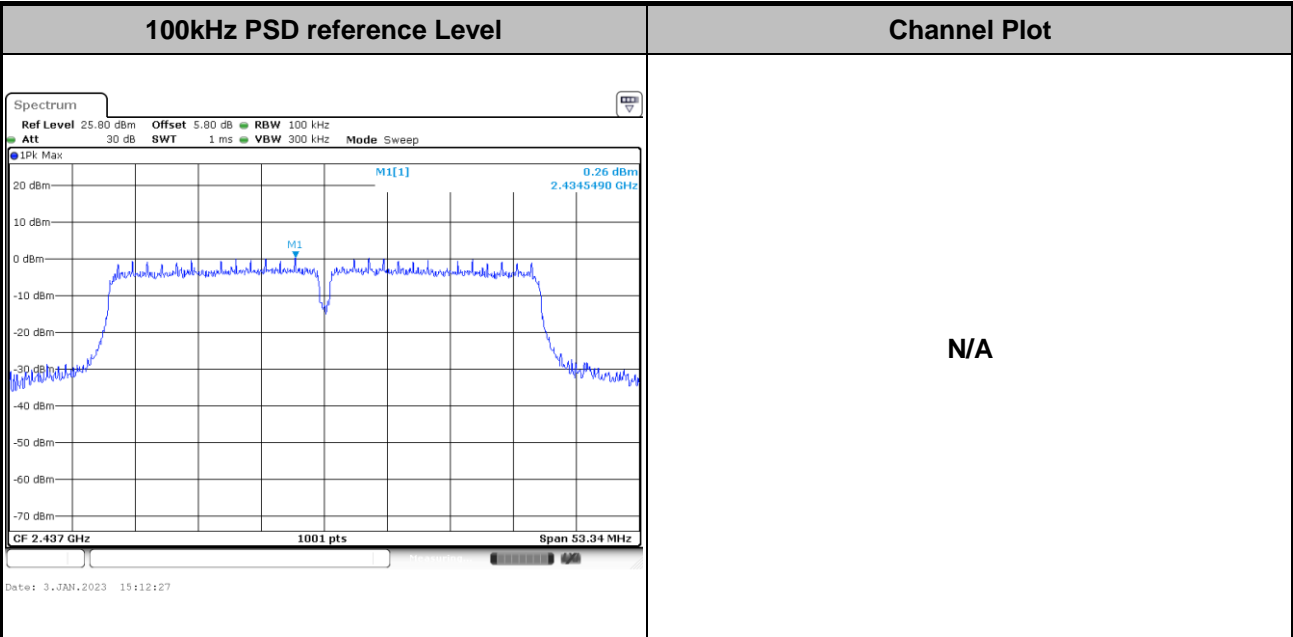


Test Mode : 802.11n HT40 Test Channel : 03



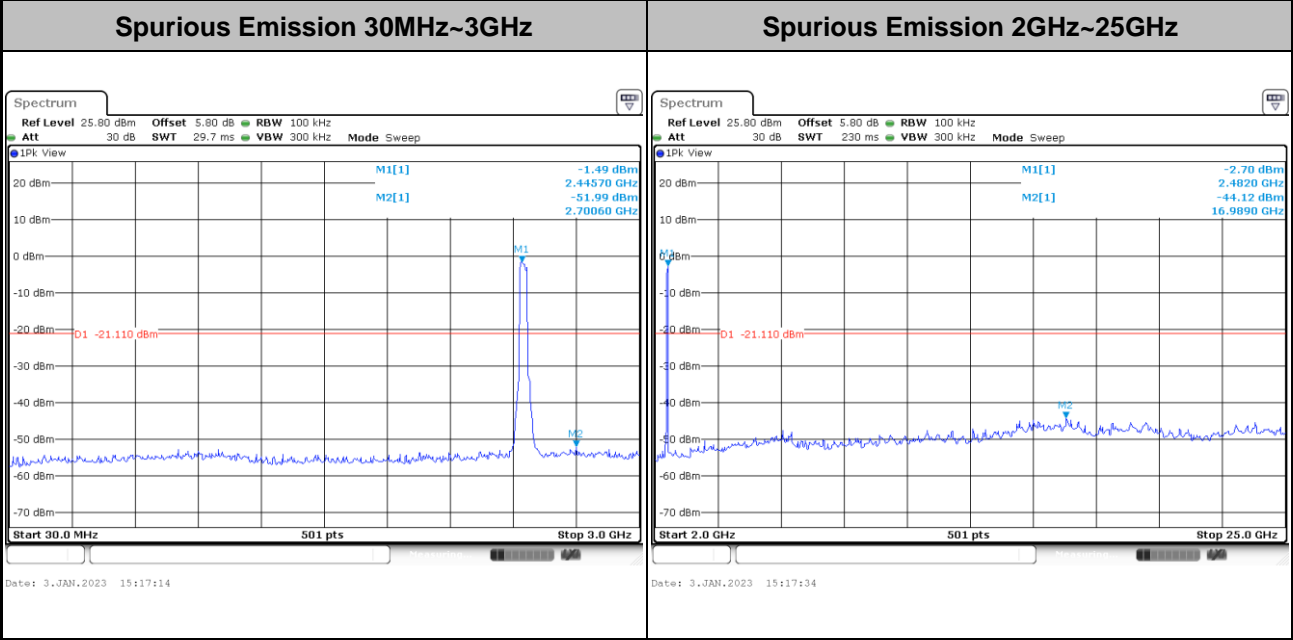
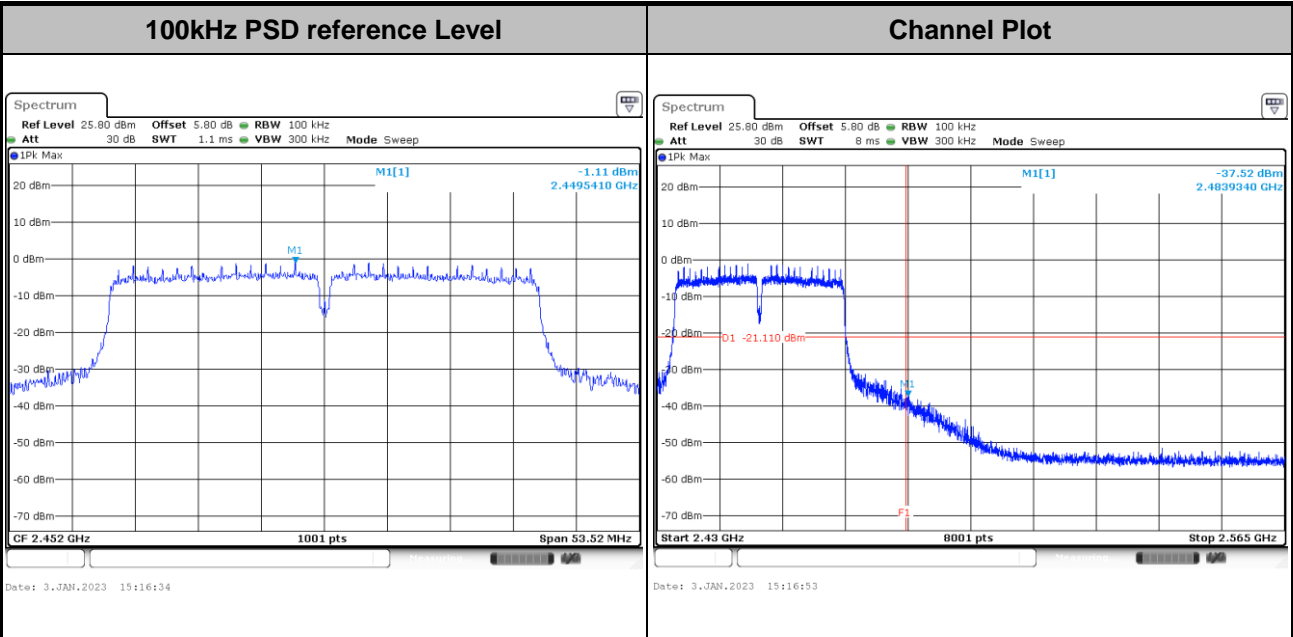


| | | | |
|-------------|--------------|----------------|----|
| Test Mode : | 802.11n HT40 | Test Channel : | 06 |
|-------------|--------------|----------------|----|





Test Mode : 802.11n HT40 Test Channel : 09





3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

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 |

3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

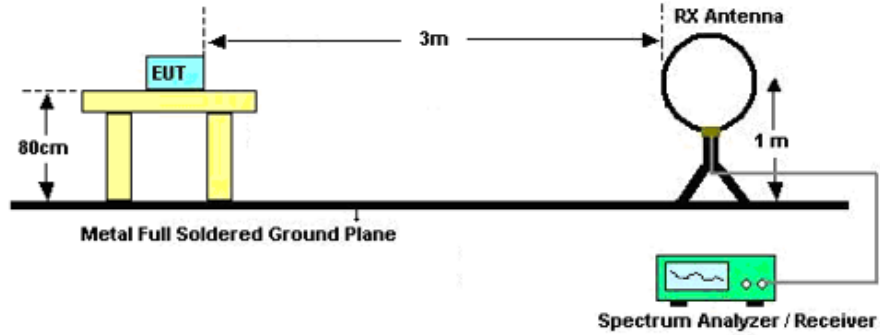


3.5.3 Test Procedures

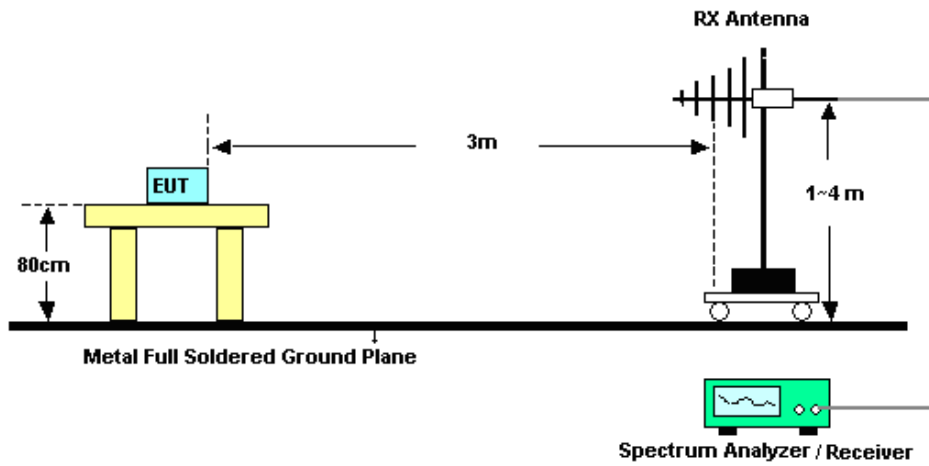
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better 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.

3.5.4 Test Setup

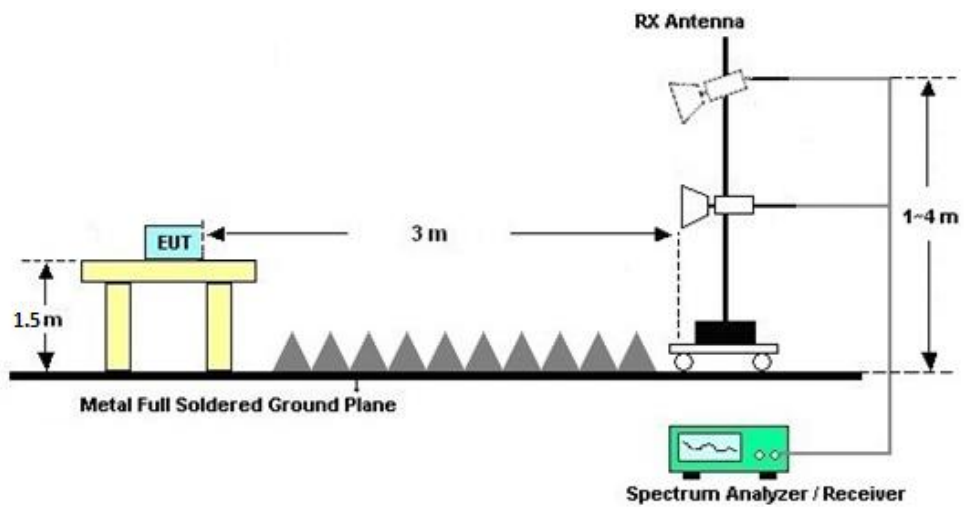
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

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.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.5.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.



3.6 AC Conducted Emission Measurement

3.6.1 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 (dBµV) | |
|-----------------------------|------------------------|-----------|
| | 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.

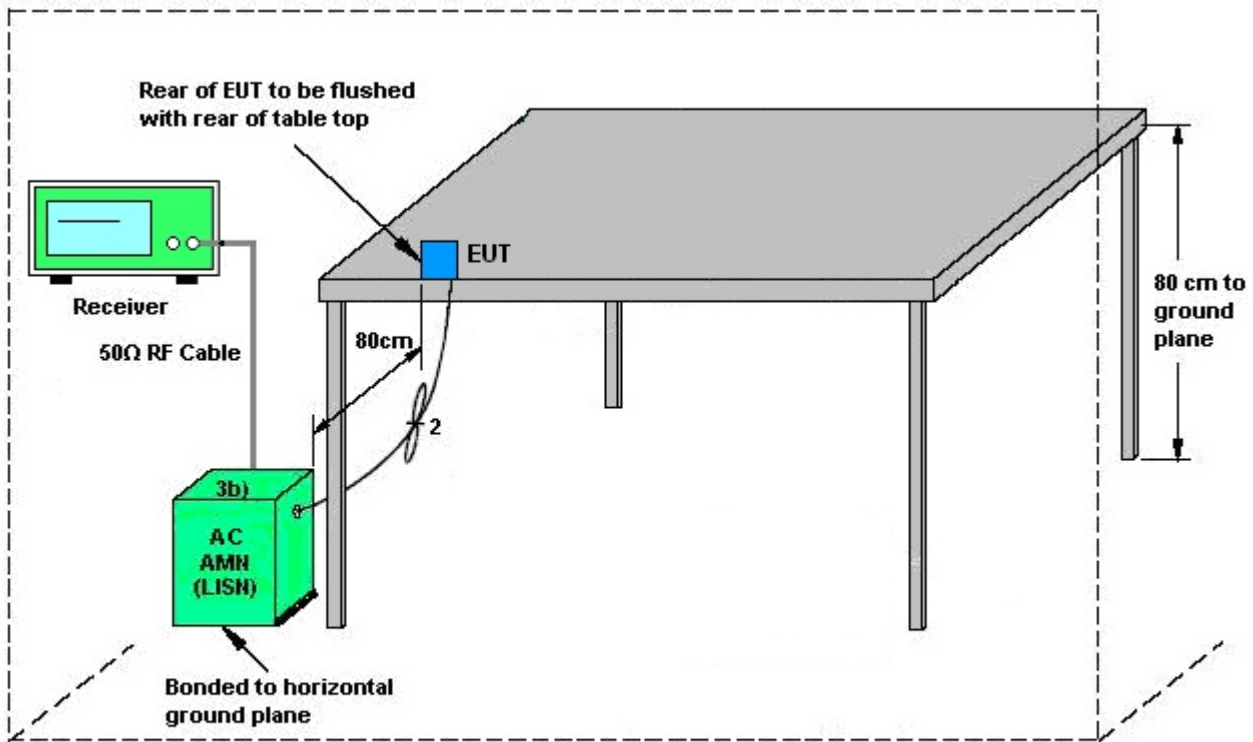
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it 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.

3.6.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 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. 12, 2022 | Dec. 21, 2022~Jan. 03, 2023 | Oct. 11, 2023 | Conducted (TH01-KS) |
| Pulse Power Sensor | Anritsu | MA2411B | 0917070 | 300MHz~40GHz | Jan. 05, 2022 | Dec. 21, 2022~Jan. 03, 2023 | Jan. 04, 2023 | Conducted (TH01-KS) |
| Power Meter | Anritsu | ML2495A | 1005002 | 50MHz Bandwidth | Jan. 05, 2022 | Dec. 21, 2022~Jan. 03, 2023 | Jan. 04, 2023 | Conducted (TH01-KS) |
| EMI Test Receiver | Keysight | N9038A | MY56400004 | 3Hz~8.5GHz;Max 30dBm | Oct. 13, 2022 | Jan. 10, 2023 | Oct. 12, 2023 | Radiation (03CH06-KS) |
| EXA Spectrum Analyzer | Keysight | N9010B | MY60242126 | 10Hz-44GHz | Oct. 13, 2022 | Jan. 10, 2023 | Oct. 12, 2023 | Radiation (03CH06-KS) |
| Loop Antenna | R&S | HFH2-Z2 | 100321 | 9kHz~30MHz | Oct. 16, 2022 | Jan. 10, 2023 | Oct. 15, 2023 | Radiation (03CH06-KS) |
| Bilog Antenna | TeseQ | CBL6111D | 49921 | 30MHz-1GHz | May 24, 2022 | Jan. 10, 2023 | May 23, 2023 | Radiation (03CH06-KS) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117 | 00218652 | 1GHz~18GHz | Apr. 18, 2022 | Jan. 10, 2023 | Apr. 17, 2023 | Radiation (03CH06-KS) |
| SHF-EHF Horn | Com-power | AH-840 | 101093 | 18GHz~40GHz | Jan. 04, 2023 | Jan. 10, 2023 | Jan. 03, 2024 | Radiation (03CH06-KS) |
| Amplifier | SONOMA | 310N | 380827 | 9KHz ~1GHZ | Jul. 11, 2022 | Jan. 10, 2023 | Jul. 10, 2023 | Radiation (03CH06-KS) |
| Amplifier | MITEQ | EM18G40GGA | 060728 | 18~40GHz | Jan. 04, 2023 | Jan. 10, 2023 | Jan. 03, 2024 | Radiation (03CH06-KS) |
| high gain Amplifier | MITEQ | AMF-7D-00101800-30-10P | 2082395 | 1Ghz-18Ghz | Jan. 04, 2023 | Jan. 10, 2023 | Jan. 03, 2024 | Radiation (03CH06-KS) |
| Amplifier | Keysight | 83017A | MY53270319 | 500MHz~26.5GHz | Oct. 12, 2022 | Jan. 10, 2023 | Oct. 12, 2023 | Radiation (03CH06-KS) |
| AC Power Source | Chroma | 61601 | F104090004 | N/A | NCR | Jan. 10, 2023 | NCR | Radiation (03CH06-KS) |
| Turn Table | ChamPro | EM 1000-T | 060762-T | 0~360 degree | NCR | Jan. 10, 2023 | NCR | Radiation (03CH06-KS) |
| Antenna Mast | ChamPro | EM 1000-A | 060762-A | 1 m~4 m | NCR | Jan. 10, 2023 | NCR | Radiation (03CH06-KS) |
| EMI Receiver | R&S | ESCI7 | 100768 | 9kHz~7GHz; | May 24, 2022 | Dec. 24, 2022 | May 23, 2023 | Conduction (CO01-KS) |
| AC LISN (for auxiliary equipment) | MessTec | AN3016 | 060103 | 9kHz~30MHz | Oct. 13, 2022 | Dec. 24, 2022 | Oct. 12, 2023 | Conduction (CO01-KS) |
| AC LISN | MessTec | AN3016 | 060105 | 9kHz~30MHz | May 24, 2022 | Dec. 24, 2022 | May 23, 2023 | Conduction (CO01-KS) |
| AC Power Source | Chroma | 61602 | ABP000000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 12, 2022 | Dec. 24, 2022 | Oct. 11, 2023 | Conduction (CO01-KS) |

NCR: No Calibration Required



5 Uncertainty of Evaluation

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

| Test Item | Uncertainty |
|----------------------------------|-------------|
| Conducted Power | ±0.46 dB |
| Conducted Emissions | ±0.48 dB |
| Occupied Channel Bandwidth | ±0.1 % |
| Conducted Power Spectral Density | ±0.40 dB |

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

| | |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.78dB |
|---|--------|

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

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

| | |
|---|-------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.0dB |
|---|-------|

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



Appendix A. Conducted Test Results

Report Number : FR2D0802C

A1 - DTS Part

| | | | | |
|----------------|----------------------|--------------------|-------|----|
| Test Engineer: | Jacob Zhang | Temperature: | 21~25 | °C |
| Test Date: | 2022/12/21~2023/1/03 | Relative Humidity: | 51~54 | % |

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

| 2.4GHz Band | | | | | | | | |
|-------------|-----------|-----------------|-----|-------------|-----------------------|--------------|--------------------|-----------|
| Mod. | Data Rate | N _{TX} | CH. | Freq. (MHz) | 99% Occupied BW (MHz) | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
| 11b | 1Mbps | 1 | 1 | 2412 | 11.84 | 8.54 | 0.50 | Pass |
| 11b | 1Mbps | 1 | 6 | 2437 | 11.89 | 8.56 | 0.50 | Pass |
| 11b | 1Mbps | 1 | 11 | 2462 | 11.84 | 8.10 | 0.50 | Pass |
| 11g | 6Mbps | 1 | 1 | 2412 | 17.08 | 16.28 | 0.50 | Pass |
| 11g | 6Mbps | 1 | 6 | 2437 | 17.38 | 16.30 | 0.50 | Pass |
| 11g | 6Mbps | 1 | 11 | 2462 | 17.23 | 16.34 | 0.50 | Pass |
| HT20 | MCS0 | 1 | 1 | 2412 | 18.03 | 17.06 | 0.50 | Pass |
| HT20 | MCS0 | 1 | 6 | 2437 | 18.13 | 16.54 | 0.50 | Pass |
| HT20 | MCS0 | 1 | 11 | 2462 | 18.13 | 16.94 | 0.50 | Pass |
| HT40 | MCS0 | 1 | 3 | 2422 | 36.16 | 35.84 | 0.50 | Pass |
| HT40 | MCS0 | 1 | 6 | 2437 | 36.26 | 35.56 | 0.50 | Pass |
| HT40 | MCS0 | 1 | 9 | 2452 | 36.16 | 35.68 | 0.50 | Pass |

TEST RESULTS DATA
Peak Power Table

| 2.4GHz Band | | | | | | | | | | |
|-------------|-----------|-----|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| 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 |
| 11b | 1Mbps | 1 | 1 | 2412 | 20.35 | 30.00 | 0.73 | 21.08 | 36.00 | Pass |
| 11b | 1Mbps | 1 | 6 | 2437 | 19.67 | 30.00 | 0.73 | 20.40 | 36.00 | Pass |
| 11b | 1Mbps | 1 | 11 | 2462 | 20.22 | 30.00 | 0.73 | 20.95 | 36.00 | Pass |
| 11g | 6Mbps | 1 | 1 | 2412 | 21.41 | 30.00 | 0.73 | 22.14 | 36.00 | Pass |
| 11g | 6Mbps | 1 | 6 | 2437 | 23.72 | 30.00 | 0.73 | 24.45 | 36.00 | Pass |
| 11g | 6Mbps | 1 | 11 | 2462 | 22.31 | 30.00 | 0.73 | 23.04 | 36.00 | Pass |
| HT20 | MCS0 | 1 | 1 | 2412 | 21.21 | 30.00 | 0.73 | 21.94 | 36.00 | Pass |
| HT20 | MCS0 | 1 | 6 | 2437 | 23.50 | 30.00 | 0.73 | 24.23 | 36.00 | Pass |
| HT20 | MCS0 | 1 | 11 | 2462 | 21.17 | 30.00 | 0.73 | 21.90 | 36.00 | Pass |
| HT40 | MCS0 | 1 | 3 | 2422 | 19.33 | 30.00 | 0.73 | 20.06 | 36.00 | Pass |
| HT40 | MCS0 | 1 | 6 | 2437 | 21.35 | 30.00 | 0.73 | 22.08 | 36.00 | Pass |
| HT40 | MCS0 | 1 | 9 | 2452 | 20.16 | 30.00 | 0.73 | 20.89 | 36.00 | Pass |

TEST RESULTS DATA
Average Power Table
(Reporting Only)

| 2.4GHz Band | | | | | | |
|-------------|-----------|-----------------|-----|-------------|------------------|-------------------------------|
| Mod. | Data Rate | N _{TX} | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
| 11b | 1Mbps | 1 | 1 | 2412 | 0.08 | 16.93 |
| 11b | 1Mbps | 1 | 6 | 2437 | 0.08 | 16.24 |
| 11b | 1Mbps | 1 | 11 | 2462 | 0.08 | 16.98 |
| 11g | 6Mbps | 1 | 1 | 2412 | 0.46 | 14.19 |
| 11g | 6Mbps | 1 | 6 | 2437 | 0.46 | 16.94 |
| 11g | 6Mbps | 1 | 11 | 2462 | 0.46 | 14.91 |
| HT20 | MCS0 | 1 | 1 | 2412 | 0.51 | 14.27 |
| HT20 | MCS0 | 1 | 6 | 2437 | 0.51 | 16.78 |
| HT20 | MCS0 | 1 | 11 | 2462 | 0.51 | 14.17 |
| HT40 | MCS0 | 1 | 3 | 2422 | 0.93 | 12.52 |
| HT40 | MCS0 | 1 | 6 | 2437 | 0.93 | 14.48 |
| HT40 | MCS0 | 1 | 9 | 2452 | 0.93 | 13.26 |

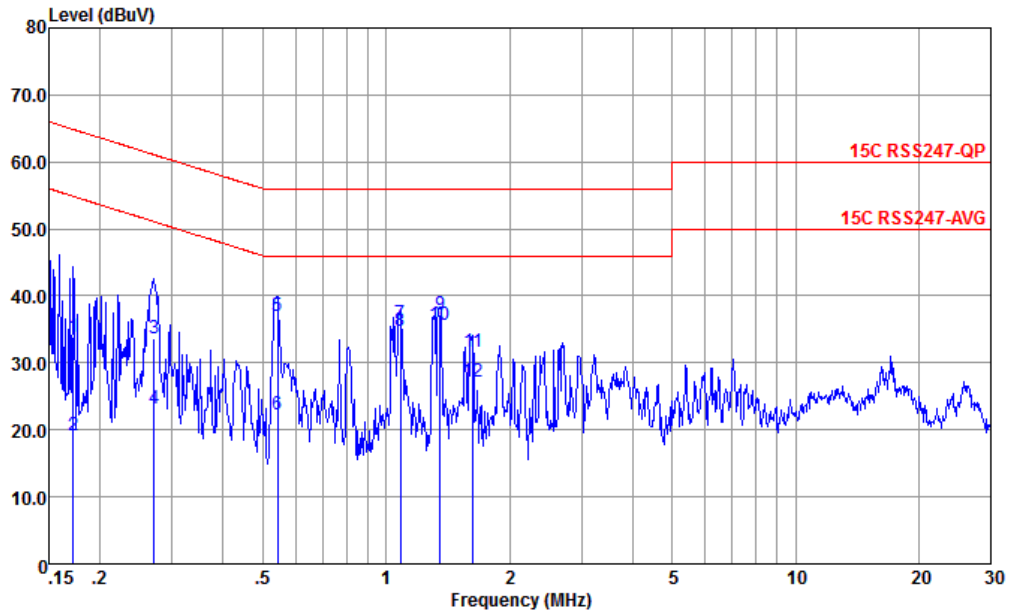
TEST RESULTS DATA
Peak Power Density

| 2.4GHz Band | | | | | | | | |
|-------------|-----------|-----------------|-----|-------------|----------------------|----------|----------------------------|-----------|
| Mod. | Data Rate | N _{TX} | CH. | Freq. (MHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
| 11b | 1Mbps | 1 | 1 | 2412 | -3.40 | 0.73 | 8.00 | Pass |
| 11b | 1Mbps | 1 | 6 | 2437 | -3.43 | 0.73 | 8.00 | Pass |
| 11b | 1Mbps | 1 | 11 | 2462 | -4.46 | 0.73 | 8.00 | Pass |
| 11g | 6Mbps | 1 | 1 | 2412 | -11.10 | 0.73 | 8.00 | Pass |
| 11g | 6Mbps | 1 | 6 | 2437 | -7.49 | 0.73 | 8.00 | Pass |
| 11g | 6Mbps | 1 | 11 | 2462 | -11.06 | 0.73 | 8.00 | Pass |
| HT20 | MCS0 | 1 | 1 | 2412 | -10.96 | 0.73 | 8.00 | Pass |
| HT20 | MCS0 | 1 | 6 | 2437 | -7.22 | 0.73 | 8.00 | Pass |
| HT20 | MCS0 | 1 | 11 | 2462 | -11.15 | 0.73 | 8.00 | Pass |
| HT40 | MCS0 | 1 | 3 | 2422 | -16.12 | 0.73 | 8.00 | Pass |
| HT40 | MCS0 | 1 | 6 | 2437 | -13.98 | 0.73 | 8.00 | Pass |
| HT40 | MCS0 | 1 | 9 | 2452 | -14.97 | 0.73 | 8.00 | Pass |



Appendix B. 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. | | |

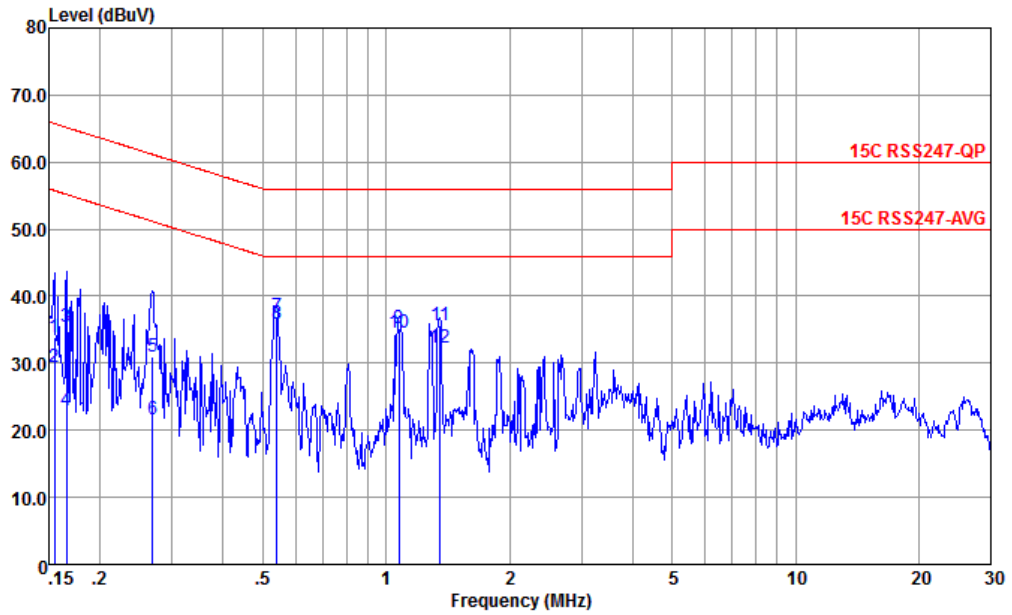


Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060105-LINE LINE

| | Freq | Level | Over | Limit | Read | LISN | Cable | Remark |
|------|-------|-------|--------|-------|-------|--------|-------|---------|
| | MHz | dBuV | Limit | Line | Level | Factor | Loss | |
| | | | dB | dBuV | dBuV | dB | dB | |
| 1 | 0.172 | 33.77 | -31.09 | 64.86 | 23.29 | 0.05 | 10.43 | QP |
| 2 | 0.172 | 19.27 | -35.59 | 54.86 | 8.79 | 0.05 | 10.43 | Average |
| 3 | 0.272 | 33.62 | -27.45 | 61.07 | 23.20 | 0.05 | 10.37 | QP |
| 4 | 0.272 | 23.22 | -27.85 | 51.07 | 12.80 | 0.05 | 10.37 | Average |
| 5 | 0.544 | 36.95 | -19.05 | 56.00 | 26.80 | -0.05 | 10.20 | QP |
| 6 | 0.544 | 22.35 | -23.65 | 46.00 | 12.20 | -0.05 | 10.20 | Average |
| 7 | 1.082 | 35.80 | -20.20 | 56.00 | 25.80 | -0.10 | 10.10 | QP |
| 8 | 1.082 | 34.70 | -11.30 | 46.00 | 24.70 | -0.10 | 10.10 | Average |
| 9 | 1.352 | 37.18 | -18.82 | 56.00 | 27.20 | -0.11 | 10.09 | QP |
| 10 * | 1.352 | 35.58 | -10.42 | 46.00 | 25.60 | -0.11 | 10.09 | Average |
| 11 | 1.628 | 31.56 | -24.44 | 56.00 | 21.60 | -0.11 | 10.07 | QP |
| 12 | 1.628 | 27.16 | -18.84 | 46.00 | 17.20 | -0.11 | 10.07 | Average |



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



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

| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|-----|-------|-------|------------|------------|------------|-------------|------------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | 0.155 | 33.96 | -31.78 | 65.74 | 23.50 | 0.03 | 10.43 | QP |
| 2 | 0.155 | 29.36 | -26.38 | 55.74 | 18.90 | 0.03 | 10.43 | Average |
| 3 | 0.166 | 35.36 | -29.80 | 65.16 | 24.89 | 0.04 | 10.43 | QP |
| 4 | 0.166 | 23.06 | -32.10 | 55.16 | 12.59 | 0.04 | 10.43 | Average |
| 5 | 0.269 | 30.94 | -30.22 | 61.16 | 20.59 | -0.02 | 10.37 | QP |
| 6 | 0.269 | 21.54 | -29.62 | 51.16 | 11.19 | -0.02 | 10.37 | Average |
| 7 | 0.541 | 37.02 | -18.98 | 56.00 | 26.90 | -0.08 | 10.20 | QP |
| 8 * | 0.541 | 35.92 | -10.08 | 46.00 | 25.80 | -0.08 | 10.20 | Average |
| 9 | 1.077 | 35.19 | -20.81 | 56.00 | 25.20 | -0.11 | 10.10 | QP |
| 10 | 1.077 | 34.49 | -11.51 | 46.00 | 24.50 | -0.11 | 10.10 | Average |
| 11 | 1.352 | 35.57 | -20.43 | 56.00 | 25.59 | -0.11 | 10.09 | QP |
| 12 | 1.352 | 32.27 | -13.73 | 46.00 | 22.29 | -0.11 | 10.09 | Average |

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission Test Data

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

Radiated Spurious Emission Test Modes

| Mode | Band (MHz) | Modulation | Channel | Frequency | Data Rate | Remark |
|---------|-------------|--------------|---------|-----------|-----------|--------|
| Mode 1 | 2400-2483.5 | 802.11b | 01 | 2412 | 1Mbps | - |
| Mode 2 | 2400-2483.5 | 802.11b | 06 | 2437 | 1Mbps | - |
| Mode 3 | 2400-2483.5 | 802.11b | 11 | 2462 | 1Mbps | - |
| Mode 4 | 2400-2483.5 | 802.11g | 01 | 2412 | 6Mbps | - |
| Mode 5 | 2400-2483.5 | 802.11g | 06 | 2437 | 6Mbps | - |
| Mode 6 | 2400-2483.5 | 802.11g | 11 | 2462 | 6Mbps | - |
| Mode 7 | 2400-2483.5 | 802.11n HT20 | 01 | 2412 | MCS0 | - |
| Mode 8 | 2400-2483.5 | 802.11n HT20 | 06 | 2437 | MCS0 | - |
| Mode 9 | 2400-2483.5 | 802.11n HT20 | 11 | 2462 | MCS0 | - |
| Mode 10 | 2400-2483.5 | 802.11n HT40 | 03 | 2422 | MCS0 | - |
| Mode 11 | 2400-2483.5 | 802.11n HT40 | 06 | 2437 | MCS0 | - |
| Mode 12 | 2400-2483.5 | 802.11n HT40 | 09 | 2452 | MCS0 | - |
| Mode 13 | 2400-2483.5 | 802.11b | 06 | 2437 | 1Mbps | LF |



Summary of each worse mode

| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark |
|------|--------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1 | 802.11b | 01 | 2386.18 | 46.57 | 54.00 | -7.43 | H | AVERAGE | Pass | Band Edge |
| | 802.11b | 01 | 4824.00 | 52.15 | 54.00 | -1.85 | V | AVERAGE | Pass | Harmonic |
| 2 | 802.11b | 06 | - | - | - | - | - | - | - | Band Edge |
| | 802.11b | 06 | 4874.00 | 52.73 | 54.00 | -1.27 | H | Average | Pass | Harmonic |
| 3 | 802.11b | 11 | 2489.74 | 45.50 | 54.00 | -8.50 | H | AVERAGE | Pass | Band Edge |
| | 802.11b | 11 | 7386.00 | 51.82 | 54.00 | -2.18 | V | AVERAGE | Pass | Harmonic |
| 4 | 802.11g | 01 | 2389.95 | 50.97 | 54.00 | -3.03 | H | AVERAGE | Pass | Band Edge |
| | 802.11g | 01 | 4824.00 | 45.35 | 74.00 | -28.65 | H | PEAK | Pass | Harmonic |
| 5 | 802.11g | 06 | - | - | - | - | - | - | - | Band Edge |
| | 802.11g | 06 | 7311.00 | 47.00 | 54.00 | -7.00 | V | AVERAGE | Pass | Harmonic |
| 6 | 802.11g | 11 | 2483.55 | 50.39 | 54.00 | -3.61 | H | AVERAGE | Pass | Band Edge |
| | 802.11g | 11 | 4924.00 | 45.77 | 74.00 | -28.23 | H | PEAK | Pass | Harmonic |
| 7 | 802.11n HT20 | 01 | 2389.82 | 50.74 | 54.00 | -3.26 | H | AVERAGE | Pass | Band Edge |
| | 802.11n HT20 | 01 | 4824.00 | 41.40 | 74.00 | -32.60 | H | PEAK | Pass | Harmonic |
| 8 | 802.11n HT20 | 06 | - | - | - | - | - | - | - | Band Edge |
| | 802.11n HT20 | 06 | 7311.00 | 45.83 | 54.00 | -8.17 | V | AVERAGE | Pass | Harmonic |
| 9 | 802.11n HT20 | 11 | 2483.66 | 50.92 | 54.00 | -3.08 | H | AVERAGE | Pass | Band Edge |
| | 802.11n HT20 | 11 | 4924.00 | 44.70 | 74.00 | -29.30 | H | PEAK | Pass | Harmonic |
| 10 | 802.11n HT40 | 03 | 2389.30 | 50.20 | 54.00 | -3.80 | H | AVERAGE | Pass | Band Edge |
| | 802.11n HT40 | 03 | 4844.00 | 42.43 | 74.00 | -31.57 | H | PEAK | Pass | Harmonic |
| 11 | 802.11n HT40 | 06 | 2389.88 | 50.66 | 54.00 | -3.34 | H | AVERAGE | Pass | Band Edge |
| | 802.11n HT40 | 06 | 4874.00 | 38.42 | 54.00 | -15.58 | H | AVERAGE | Pass | Harmonic |
| 12 | 802.11n HT40 | 09 | 2483.63 | 50.76 | 54.00 | -3.24 | H | AVERAGE | Pass | Band Edge |
| | 802.11n HT40 | 09 | 4904.00 | 43.00 | 74.00 | -31.00 | H | PEAK | Pass | Harmonic |
| 13 | 802.11b | 06 | 62.98 | 33.43 | 40 | -6.57 | V | PEAK | Pass | LF |



| | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|-------------|--------------|-------------|-------------|--------|-------|--------|--------|------|-----------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----------|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|------|-----|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.04 | 62.70 | 74.00 | -11.30 | 53.75 | 32.37 | 7.10 | 36.52 | 6.00 | 132 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 112.05 | ----- | ----- | 103.14 | 32.39 | 7.14 | 36.62 | 6.00 | 132 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2386.18 | 46.57 | 54.00 | -7.43 | 37.64 | 32.36 | 7.10 | 36.53 | 6.00 | 132 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 107.50 | ----- | ----- | 98.67 | 32.39 | 7.14 | 36.62 | 6.00 | 132 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|-------|--|-------------|-------|--------|--------|--------|--------|-------|------|------|-------|---------|------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|------|-------|-------|------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2400.48</td> <td>54.73</td> <td>74.00</td> <td>-19.27</td> <td>45.76</td> <td>32.40</td> <td>7.12</td> <td>36.55</td> <td>6.00</td> <td>300</td> <td>267</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2400.48 | 54.73 | 74.00 | -19.27 | 45.76 | 32.40 | 7.12 | 36.55 | 6.00 | 300 | 267 | 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2412.00</td> <td>100.52</td> <td>-----</td> <td>-----</td> <td>91.61</td> <td>32.39</td> <td>7.14</td> <td>36.62</td> <td>6.00</td> <td>300</td> <td>267</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2412.00 | 100.52 | ----- | ----- | 91.61 | 32.39 | 7.14 | 36.62 | 6.00 | 300 | 267 | PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2400.48 | 54.73 | 74.00 | -19.27 | 45.76 | 32.40 | 7.12 | 36.55 | 6.00 | 300 | 267 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 100.52 | ----- | ----- | 91.61 | 32.39 | 7.14 | 36.62 | 6.00 | 300 | 267 | 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>38.11</td> <td>54.00</td> <td>-15.89</td> <td>29.14</td> <td>32.38</td> <td>7.11</td> <td>36.52</td> <td>6.00</td> <td>300</td> <td>267</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2389.95 | 38.11 | 54.00 | -15.89 | 29.14 | 32.38 | 7.11 | 36.52 | 6.00 | 300 | 267 | AVERAGE | <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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2412.00</td> <td>96.03</td> <td>-----</td> <td>-----</td> <td>87.12</td> <td>32.39</td> <td>7.14</td> <td>36.62</td> <td>6.00</td> <td>300</td> <td>267</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2412.00 | 96.03 | ----- | ----- | 87.12 | 32.39 | 7.14 | 36.62 | 6.00 | 300 | 267 | AVERAGE |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.95 | 38.11 | 54.00 | -15.89 | 29.14 | 32.38 | 7.11 | 36.52 | 6.00 | 300 | 267 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 96.03 | ----- | ----- | 87.12 | 32.39 | 7.14 | 36.62 | 6.00 | 300 | 267 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

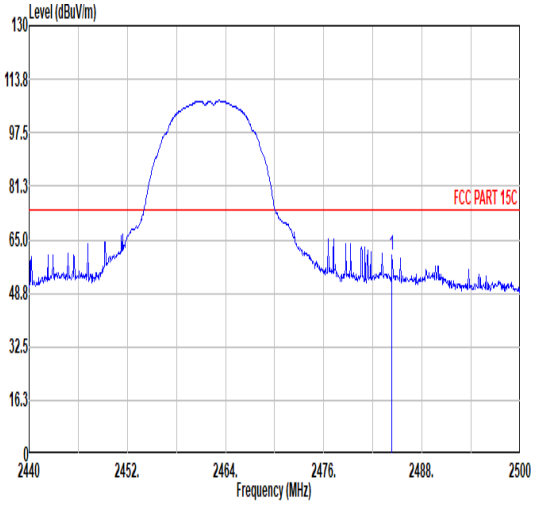
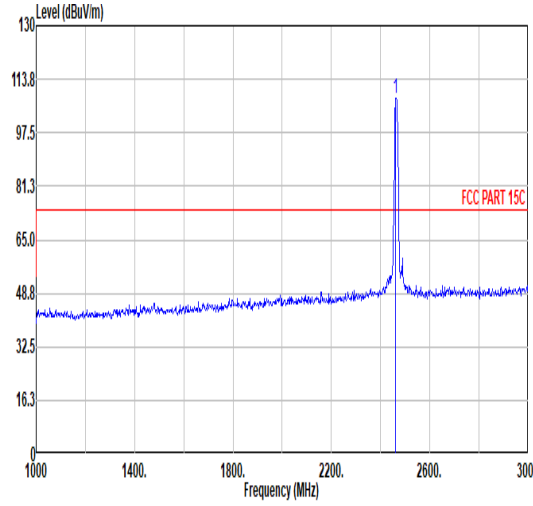
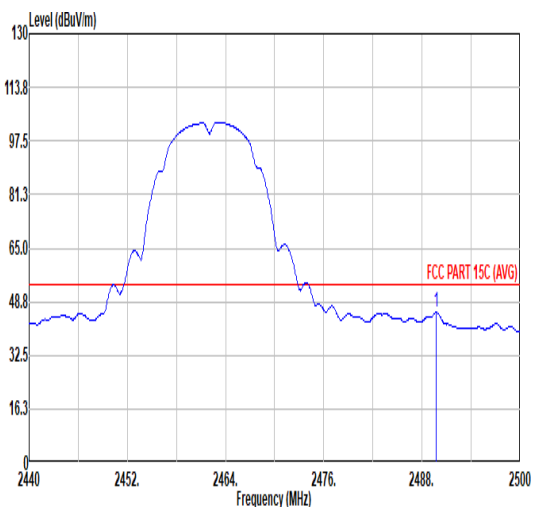
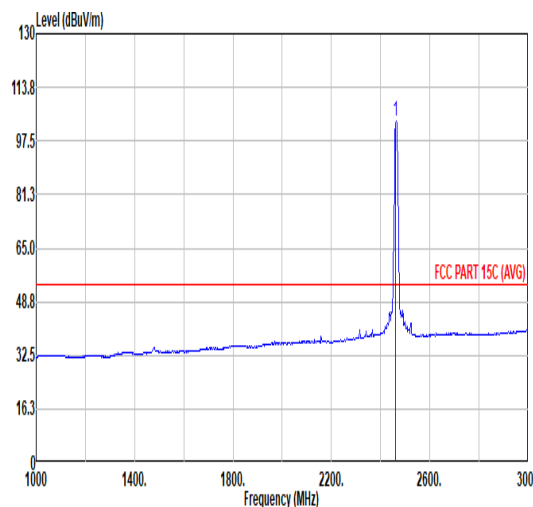


| Mode | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|-------------|--------|--------|-------------|--------|--------|-------|--------|------|-----|---------|-------|-------------|-------|--------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|-------|--------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg | <table border="1"> <thead> <tr> <th></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></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>Remark</th> </tr> <tr> <th></th> <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>1</td> <td>4824.00</td> <td>54.45</td> <td>74.00</td> <td>-19.55</td> <td>72.53</td> <td>34.26</td> <td>9.47</td> <td>61.81</td> <td>0.00</td> <td>216</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4824.00</td> <td>51.99</td> <td>54.00</td> <td>-2.01</td> <td>70.07</td> <td>34.26</td> <td>9.47</td> <td>61.81</td> <td>0.00</td> <td>216</td> <td>360</td> <td>AVERAGE</td> </tr> </tbody> </table> | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | | Remark | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 54.45 | 74.00 | -19.55 | 72.53 | 34.26 | 9.47 | 61.81 | 0.00 | 216 | 360 | PEAK | 2 | 4824.00 | 51.99 | 54.00 | -2.01 | 70.07 | 34.26 | 9.47 | 61.81 | 0.00 | 216 | 360 | AVERAGE | <table border="1"> <thead> <tr> <th></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></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>Remark</th> </tr> <tr> <th></th> <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>1</td> <td>4824.00</td> <td>54.56</td> <td>74.00</td> <td>-19.44</td> <td>72.64</td> <td>34.26</td> <td>9.47</td> <td>61.81</td> <td>0.00</td> <td>364</td> <td>307</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4824.00</td> <td>52.15</td> <td>54.00</td> <td>-1.85</td> <td>70.23</td> <td>34.26</td> <td>9.47</td> <td>61.81</td> <td>0.00</td> <td>364</td> <td>307</td> <td>AVERAGE</td> </tr> </tbody> </table> | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | | Remark | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 54.56 | 74.00 | -19.44 | 72.64 | 34.26 | 9.47 | 61.81 | 0.00 | 364 | 307 | PEAK | 2 | 4824.00 | 52.15 | 54.00 | -1.85 | 70.23 | 34.26 | 9.47 | 61.81 | 0.00 | 364 | 307 | AVERAGE |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4824.00 | 54.45 | 74.00 | -19.55 | 72.53 | 34.26 | 9.47 | 61.81 | 0.00 | 216 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4824.00 | 51.99 | 54.00 | -2.01 | 70.07 | 34.26 | 9.47 | 61.81 | 0.00 | 216 | 360 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4824.00 | 54.56 | 74.00 | -19.44 | 72.64 | 34.26 | 9.47 | 61.81 | 0.00 | 364 | 307 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4824.00 | 52.15 | 54.00 | -1.85 | 70.23 | 34.26 | 9.47 | 61.81 | 0.00 | 364 | 307 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|----------|-------|--------|--------|--------|-------|--------|--------|--------|-----|---------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|-------|------|-----|-------|--------|-----|------|------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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>1</td> <td>4874.00</td> <td>54.80</td> <td>74.00</td> <td>-19.20</td> <td>72.91</td> <td>34.14</td> <td>9.52</td> <td>61.77</td> <td>0.00</td> <td>292</td> <td>176</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>52.73</td> <td>54.00</td> <td>-1.27</td> <td>70.84</td> <td>34.14</td> <td>9.52</td> <td>61.77</td> <td>0.00</td> <td>292</td> <td>176</td> <td>Average</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>46.58</td> <td>74.00</td> <td>-27.42</td> <td>61.25</td> <td>35.70</td> <td>11.69</td> <td>62.06</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4874.00 | 54.80 | 74.00 | -19.20 | 72.91 | 34.14 | 9.52 | 61.77 | 0.00 | 292 | 176 | PEAK | 2 | 4874.00 | 52.73 | 54.00 | -1.27 | 70.84 | 34.14 | 9.52 | 61.77 | 0.00 | 292 | 176 | Average | 3 | 7311.00 | 46.58 | 74.00 | -27.42 | 61.25 | 35.70 | 11.69 | 62.06 | 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>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>1</td> <td>4874.00</td> <td>54.10</td> <td>74.00</td> <td>-19.90</td> <td>72.21</td> <td>34.14</td> <td>9.52</td> <td>61.77</td> <td>0.00</td> <td>321</td> <td>308</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>52.35</td> <td>54.00</td> <td>-1.65</td> <td>70.46</td> <td>34.14</td> <td>9.52</td> <td>61.77</td> <td>0.00</td> <td>321</td> <td>308</td> <td>Average</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>54.89</td> <td>74.00</td> <td>-19.11</td> <td>69.56</td> <td>35.70</td> <td>11.69</td> <td>62.06</td> <td>0.00</td> <td>300</td> <td>285</td> <td>Peak</td> </tr> <tr> <td>4</td> <td>7311.00</td> <td>50.34</td> <td>54.00</td> <td>-3.66</td> <td>65.01</td> <td>35.70</td> <td>11.69</td> <td>62.06</td> <td>0.00</td> <td>300</td> <td>285</td> <td>Average</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4874.00 | 54.10 | 74.00 | -19.90 | 72.21 | 34.14 | 9.52 | 61.77 | 0.00 | 321 | 308 | PEAK | 2 | 4874.00 | 52.35 | 54.00 | -1.65 | 70.46 | 34.14 | 9.52 | 61.77 | 0.00 | 321 | 308 | Average | 3 | 7311.00 | 54.89 | 74.00 | -19.11 | 69.56 | 35.70 | 11.69 | 62.06 | 0.00 | 300 | 285 | Peak | 4 | 7311.00 | 50.34 | 54.00 | -3.66 | 65.01 | 35.70 | 11.69 | 62.06 | 0.00 | 300 | 285 | Average |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 54.80 | 74.00 | -19.20 | 72.91 | 34.14 | 9.52 | 61.77 | 0.00 | 292 | 176 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 52.73 | 54.00 | -1.27 | 70.84 | 34.14 | 9.52 | 61.77 | 0.00 | 292 | 176 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 46.58 | 74.00 | -27.42 | 61.25 | 35.70 | 11.69 | 62.06 | 0.00 | --- | --- | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 54.10 | 74.00 | -19.90 | 72.21 | 34.14 | 9.52 | 61.77 | 0.00 | 321 | 308 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 52.35 | 54.00 | -1.65 | 70.46 | 34.14 | 9.52 | 61.77 | 0.00 | 321 | 308 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 54.89 | 74.00 | -19.11 | 69.56 | 35.70 | 11.69 | 62.06 | 0.00 | 300 | 285 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 50.34 | 54.00 | -3.66 | 65.01 | 35.70 | 11.69 | 62.06 | 0.00 | 300 | 285 | Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----------|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The plot shows a broad signal between 2440 and 2500 MHz. A red horizontal line indicates the FCC PART 15C limit at approximately 74 dBuV/m. A blue peak is visible at 2462 MHz.</p> <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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2484.34</td> <td>60.12</td> <td>74.00</td> <td>-13.88</td> <td>51.58</td> <td>32.34</td> <td>7.26</td> <td>37.06</td> <td>6.00</td> <td>248</td> <td>0 PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | 1 | 2484.34 | 60.12 | 74.00 | -13.88 | 51.58 | 32.34 | 7.26 | 37.06 | 6.00 | 248 | 0 PEAK |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental polarization. The plot shows a sharp peak at 2462 MHz. A red horizontal line indicates the FCC PART 15C limit at approximately 74 dBuV/m.</p> <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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2462.00</td> <td>107.74</td> <td>-----</td> <td>-----</td> <td>99.10</td> <td>32.35</td> <td>7.22</td> <td>36.93</td> <td>6.00</td> <td>248</td> <td>0 PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | 1 | 2462.00 | 107.74 | ----- | ----- | 99.10 | 32.35 | 7.22 | 36.93 | 6.00 | 248 | 0 PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.34 | 60.12 | 74.00 | -13.88 | 51.58 | 32.34 | 7.26 | 37.06 | 6.00 | 248 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 107.74 | ----- | ----- | 99.10 | 32.35 | 7.22 | 36.93 | 6.00 | 248 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2489.74 | 45.50 | 54.00 | -8.50 | 36.98 | 32.34 | 7.27 | 37.09 | 6.00 | 248 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 103.30 | ----- | ----- | 94.66 | 32.35 | 7.22 | 36.93 | 6.00 | 248 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|-------|---|-------------|--------------|-------------|--------|--------|------|--------|--------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|----|---------|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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> </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>1</td> <td>2490.40</td> <td>49.12</td> <td>74.00</td> <td>-24.88</td> <td>40.60</td> <td>32.34</td> <td>7.27</td> <td>37.09</td> <td>6.00</td> <td>299</td> <td>81</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2490.40 | 49.12 | 74.00 | -24.88 | 40.60 | 32.34 | 7.27 | 37.09 | 6.00 | 299 | 81 | 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>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> </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>1</td> <td>2462.00</td> <td>95.93</td> <td>-----</td> <td>-----</td> <td>87.27</td> <td>32.36</td> <td>7.22</td> <td>36.92</td> <td>6.00</td> <td>299</td> <td>81</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 95.93 | ----- | ----- | 87.27 | 32.36 | 7.22 | 36.92 | 6.00 | 299 | 81 | PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2490.40 | 49.12 | 74.00 | -24.88 | 40.60 | 32.34 | 7.27 | 37.09 | 6.00 | 299 | 81 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 95.93 | ----- | ----- | 87.27 | 32.36 | 7.22 | 36.92 | 6.00 | 299 | 81 | 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>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> </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>1</td> <td>2483.50</td> <td>37.69</td> <td>54.00</td> <td>-16.31</td> <td>29.14</td> <td>32.34</td> <td>7.26</td> <td>37.05</td> <td>6.00</td> <td>299</td> <td>81</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.50 | 37.69 | 54.00 | -16.31 | 29.14 | 32.34 | 7.26 | 37.05 | 6.00 | 299 | 81 | AVERAGE | <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>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> </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>1</td> <td>2462.00</td> <td>91.51</td> <td>-----</td> <td>-----</td> <td>82.85</td> <td>32.36</td> <td>7.22</td> <td>36.92</td> <td>6.00</td> <td>299</td> <td>81</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 91.51 | ----- | ----- | 82.85 | 32.36 | 7.22 | 36.92 | 6.00 | 299 | 81 | AVERAGE |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.50 | 37.69 | 54.00 | -16.31 | 29.14 | 32.34 | 7.26 | 37.05 | 6.00 | 299 | 81 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 91.51 | ----- | ----- | 82.85 | 32.36 | 7.22 | 36.92 | 6.00 | 299 | 81 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|----------|--------|--------|--------|--------|--------|--------|------|--------|------|---------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4924.00</td> <td>53.84</td> <td>74.00</td> <td>-20.16</td> <td>71.91</td> <td>34.10</td> <td>9.57</td> <td>61.74</td> <td>0.00</td> <td>113</td> <td>180</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4924.00</td> <td>51.54</td> <td>54.00</td> <td>-2.46</td> <td>69.61</td> <td>34.10</td> <td>9.57</td> <td>61.74</td> <td>0.00</td> <td>113</td> <td>180</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7386.00</td> <td>46.21</td> <td>74.00</td> <td>-27.79</td> <td>60.85</td> <td>35.70</td> <td>11.72</td> <td>62.06</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | 1 | 4924.00 | 53.84 | 74.00 | -20.16 | 71.91 | 34.10 | 9.57 | 61.74 | 0.00 | 113 | 180 | PEAK | 2 | 4924.00 | 51.54 | 54.00 | -2.46 | 69.61 | 34.10 | 9.57 | 61.74 | 0.00 | 113 | 180 | AVERAGE | 3 | 7386.00 | 46.21 | 74.00 | -27.79 | 60.85 | 35.70 | 11.72 | 62.06 | 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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4924.00</td> <td>53.42</td> <td>74.00</td> <td>-20.58</td> <td>71.49</td> <td>34.10</td> <td>9.57</td> <td>61.74</td> <td>0.00</td> <td>340</td> <td>307</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4924.00</td> <td>51.04</td> <td>54.00</td> <td>-2.96</td> <td>69.11</td> <td>34.10</td> <td>9.57</td> <td>61.74</td> <td>0.00</td> <td>340</td> <td>307</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7386.00</td> <td>55.71</td> <td>74.00</td> <td>-18.29</td> <td>70.35</td> <td>35.70</td> <td>11.72</td> <td>62.06</td> <td>0.00</td> <td>274</td> <td>288</td> <td>PEAK</td> </tr> <tr> <td>4</td> <td>7386.00</td> <td>51.82</td> <td>54.00</td> <td>-2.18</td> <td>66.46</td> <td>35.70</td> <td>11.72</td> <td>62.06</td> <td>0.00</td> <td>274</td> <td>288</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | 1 | 4924.00 | 53.42 | 74.00 | -20.58 | 71.49 | 34.10 | 9.57 | 61.74 | 0.00 | 340 | 307 | PEAK | 2 | 4924.00 | 51.04 | 54.00 | -2.96 | 69.11 | 34.10 | 9.57 | 61.74 | 0.00 | 340 | 307 | AVERAGE | 3 | 7386.00 | 55.71 | 74.00 | -18.29 | 70.35 | 35.70 | 11.72 | 62.06 | 0.00 | 274 | 288 | PEAK | 4 | 7386.00 | 51.82 | 54.00 | -2.18 | 66.46 | 35.70 | 11.72 | 62.06 | 0.00 | 274 | 288 | AVERAGE |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 53.84 | 74.00 | -20.16 | 71.91 | 34.10 | 9.57 | 61.74 | 0.00 | 113 | 180 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4924.00 | 51.54 | 54.00 | -2.46 | 69.61 | 34.10 | 9.57 | 61.74 | 0.00 | 113 | 180 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7386.00 | 46.21 | 74.00 | -27.79 | 60.85 | 35.70 | 11.72 | 62.06 | 0.00 | --- | --- | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 53.42 | 74.00 | -20.58 | 71.49 | 34.10 | 9.57 | 61.74 | 0.00 | 340 | 307 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4924.00 | 51.04 | 54.00 | -2.96 | 69.11 | 34.10 | 9.57 | 61.74 | 0.00 | 340 | 307 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7386.00 | 55.71 | 74.00 | -18.29 | 70.35 | 35.70 | 11.72 | 62.06 | 0.00 | 274 | 288 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7386.00 | 51.82 | 54.00 | -2.18 | 66.46 | 35.70 | 11.72 | 62.06 | 0.00 | 274 | 288 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



4

Mode

Band Edge

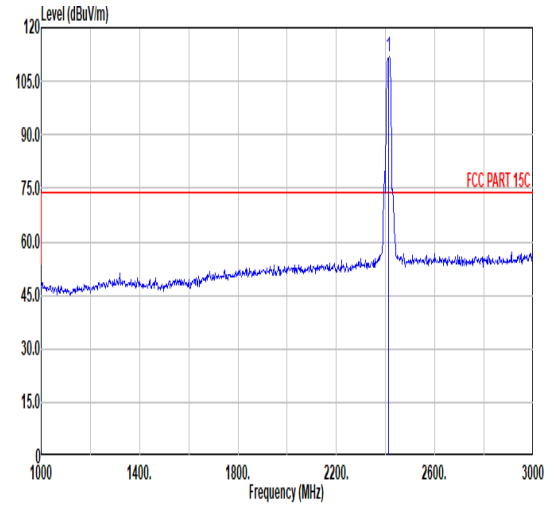
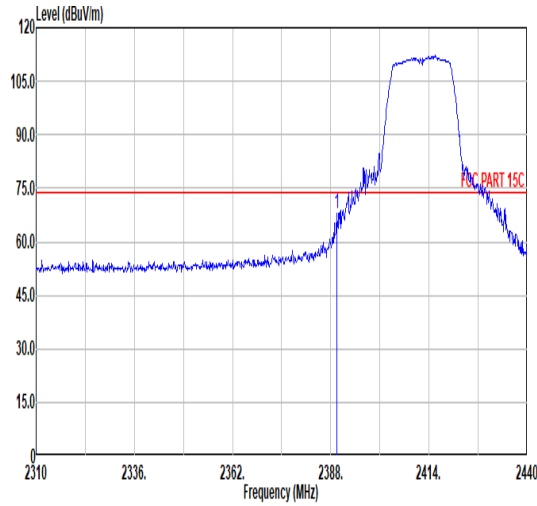
2400-2483.5_802.11g_CH01_2412MHz

Pol.

Horizontal

Fundamental

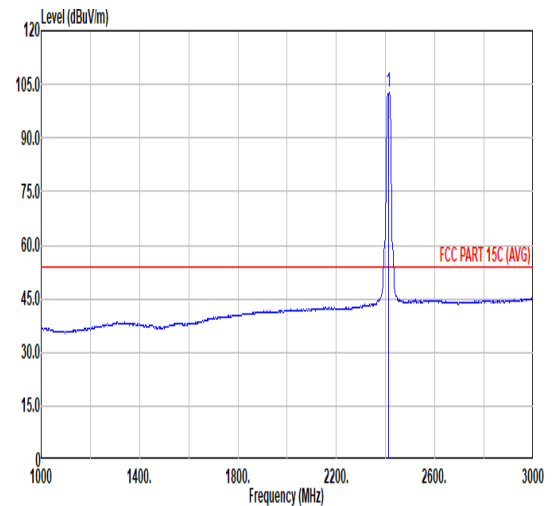
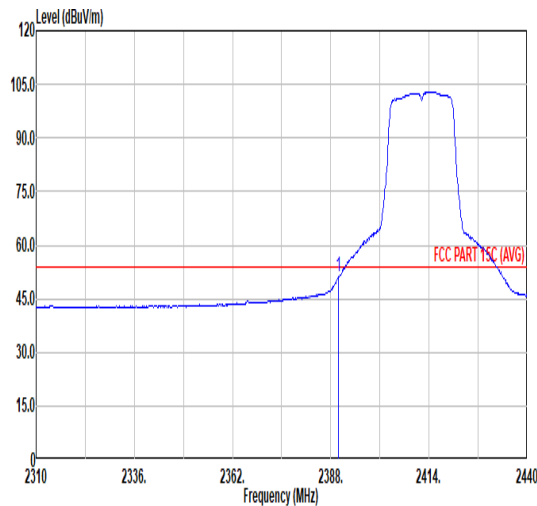
Peak



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|-------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2389.69 | 67.97 | 74.00 | -6.03 | 55.95 | 32.28 | 6.60 | 32.86 | 6.00 | 305 | 350 | PEAK |

| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2412.00 | 112.04 | ----- | ----- | 99.90 | 32.30 | 6.64 | 32.80 | 6.00 | 305 | 350 | PEAK |

Avg



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|-------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2389.95 | 50.97 | 54.00 | -3.03 | 38.95 | 32.28 | 6.60 | 32.86 | 6.00 | 305 | 350 | AVERAGE |

| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2412.00 | 102.64 | ----- | ----- | 90.51 | 32.30 | 6.64 | 32.81 | 6.00 | 305 | 350 | AVERAGE |



4

Mode

Band Edge

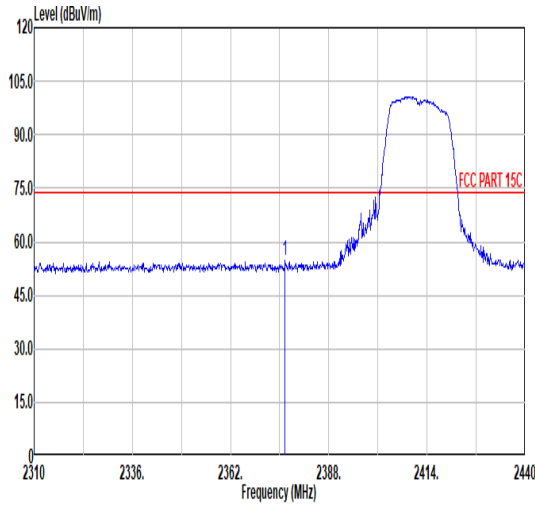
2400-2483.5_802.11g_CH01_2412MHz

Pol.

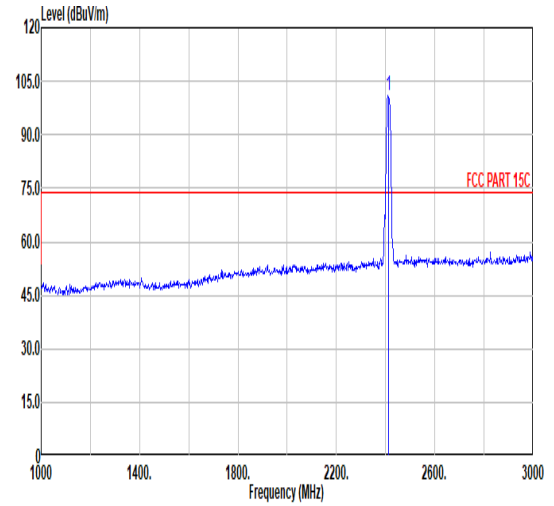
Vertical

Fundamental

Peak

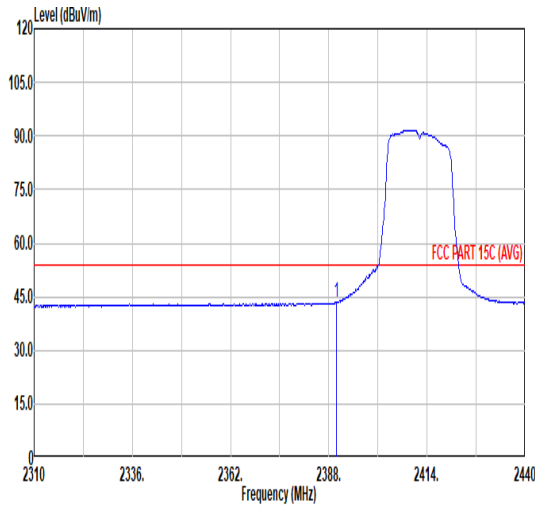


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 75.0 | 105.0 | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | |
| 1 | 2376.43 | 54.58 | 74.00 | -19.42 | 42.65 | 32.23 | 6.58 | 32.88 | 6.00 | 136 | 74 | PEAK |

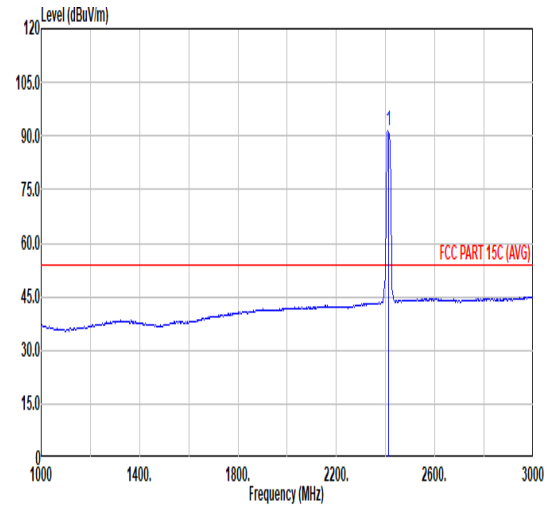


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 75.0 | 105.0 | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | |
| 1 | 2412.00 | 100.82 | ----- | ----- | 88.71 | 32.30 | 6.63 | 32.82 | 6.00 | 136 | 74 | PEAK |

Avg



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 54.58 | 90.0 | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | |
| 1 | 2389.95 | 43.46 | 54.00 | -10.54 | 31.44 | 32.28 | 6.60 | 32.86 | 6.00 | 136 | 74 | AVERAGE |

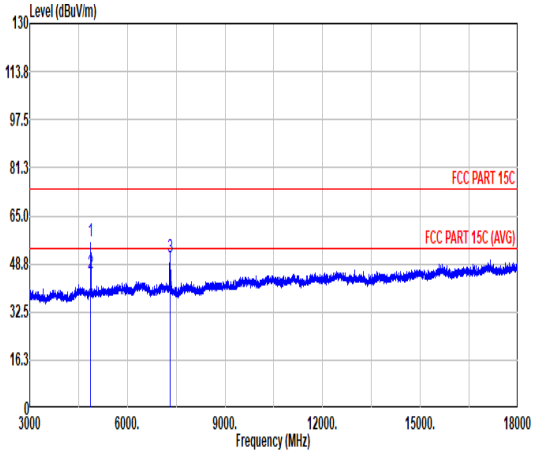
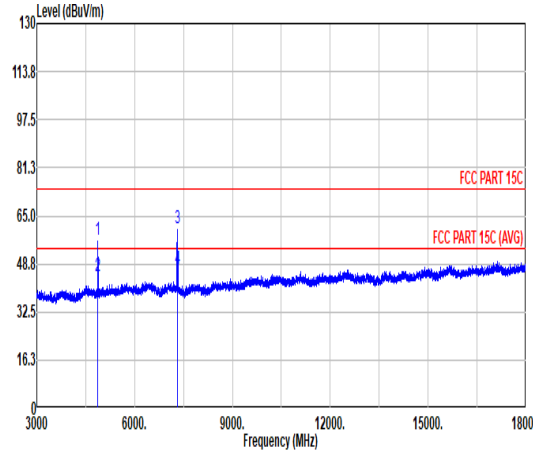


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 54.58 | 90.0 | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | |
| 1 | 2412.00 | 91.49 | ----- | ----- | 79.38 | 32.30 | 6.63 | 32.82 | 6.00 | 136 | 74 | AVERAGE |



| Mode | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|-------------|--------------|-------------|--------|--------|-------|--------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|-------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|-------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11g_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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> </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>1</td> <td>48.24</td> <td>45.35</td> <td>74.00</td> <td>-28.65</td> <td>66.38</td> <td>34.00</td> <td>10.23</td> <td>65.26</td> <td>0.00</td> <td>100</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 48.24 | 45.35 | 74.00 | -28.65 | 66.38 | 34.00 | 10.23 | 65.26 | 0.00 | 100 | 0 | 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>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> </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>1</td> <td>48.24</td> <td>39.57</td> <td>74.00</td> <td>-34.43</td> <td>60.60</td> <td>34.00</td> <td>10.23</td> <td>65.26</td> <td>0.00</td> <td>300</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 48.24 | 39.57 | 74.00 | -34.43 | 60.60 | 34.00 | 10.23 | 65.26 | 0.00 | 300 | 0 | PEAK |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 48.24 | 45.35 | 74.00 | -28.65 | 66.38 | 34.00 | 10.23 | 65.26 | 0.00 | 100 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 48.24 | 39.57 | 74.00 | -34.43 | 60.60 | 34.00 | 10.23 | 65.26 | 0.00 | 300 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|--------|--------|--------|-------|--------|--------|--------|------|-----|---------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11g_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. Two peaks are marked at 4874.00 MHz and 7311.00 MHz.</p> |  <p>Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. Two peaks are marked at 4874.00 MHz and 7311.00 MHz.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | <table border="1"> <thead> <tr> <th></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></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4874.00</td> <td>56.59</td> <td>74.00</td> <td>-17.41</td> <td>77.58</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>162</td> <td>358</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>45.67</td> <td>54.00</td> <td>-8.33</td> <td>66.66</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>162</td> <td>358</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>50.78</td> <td>74.00</td> <td>-23.22</td> <td>68.99</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>101</td> <td>317</td> <td>PEAK</td> </tr> <tr> <td>4</td> <td>7311.00</td> <td>36.87</td> <td>54.00</td> <td>-17.13</td> <td>55.08</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>101</td> <td>317</td> <td>AVERAGE</td> </tr> </tbody> </table> | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4874.00 | 56.59 | 74.00 | -17.41 | 77.58 | 34.00 | 10.29 | 65.28 | 0.00 | 162 | 358 | PEAK | 2 | 4874.00 | 45.67 | 54.00 | -8.33 | 66.66 | 34.00 | 10.29 | 65.28 | 0.00 | 162 | 358 | AVERAGE | 3 | 7311.00 | 50.78 | 74.00 | -23.22 | 68.99 | 35.76 | 12.72 | 66.69 | 0.00 | 101 | 317 | PEAK | 4 | 7311.00 | 36.87 | 54.00 | -17.13 | 55.08 | 35.76 | 12.72 | 66.69 | 0.00 | 101 | 317 | AVERAGE | <table border="1"> <thead> <tr> <th></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></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4874.00</td> <td>56.77</td> <td>74.00</td> <td>-17.23</td> <td>77.76</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>246</td> <td>100</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>44.45</td> <td>54.00</td> <td>-9.55</td> <td>65.44</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>246</td> <td>100</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>61.00</td> <td>74.00</td> <td>-13.00</td> <td>79.21</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>258</td> <td>103</td> <td>PEAK</td> </tr> <tr> <td>4</td> <td>7311.00</td> <td>47.00</td> <td>54.00</td> <td>-7.00</td> <td>65.21</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>258</td> <td>103</td> <td>AVERAGE</td> </tr> </tbody> </table> | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4874.00 | 56.77 | 74.00 | -17.23 | 77.76 | 34.00 | 10.29 | 65.28 | 0.00 | 246 | 100 | PEAK | 2 | 4874.00 | 44.45 | 54.00 | -9.55 | 65.44 | 34.00 | 10.29 | 65.28 | 0.00 | 246 | 100 | AVERAGE | 3 | 7311.00 | 61.00 | 74.00 | -13.00 | 79.21 | 35.76 | 12.72 | 66.69 | 0.00 | 258 | 103 | PEAK | 4 | 7311.00 | 47.00 | 54.00 | -7.00 | 65.21 | 35.76 | 12.72 | 66.69 | 0.00 | 258 | 103 | AVERAGE |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.59 | 74.00 | -17.41 | 77.58 | 34.00 | 10.29 | 65.28 | 0.00 | 162 | 358 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 45.67 | 54.00 | -8.33 | 66.66 | 34.00 | 10.29 | 65.28 | 0.00 | 162 | 358 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 50.78 | 74.00 | -23.22 | 68.99 | 35.76 | 12.72 | 66.69 | 0.00 | 101 | 317 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 36.87 | 54.00 | -17.13 | 55.08 | 35.76 | 12.72 | 66.69 | 0.00 | 101 | 317 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.77 | 74.00 | -17.23 | 77.76 | 34.00 | 10.29 | 65.28 | 0.00 | 246 | 100 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 44.45 | 54.00 | -9.55 | 65.44 | 34.00 | 10.29 | 65.28 | 0.00 | 246 | 100 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 61.00 | 74.00 | -13.00 | 79.21 | 35.76 | 12.72 | 66.69 | 0.00 | 258 | 103 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 47.00 | 54.00 | -7.00 | 65.21 | 35.76 | 12.72 | 66.69 | 0.00 | 258 | 103 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|-------|--|----------------------------------|--------|--------|--------|-------------|--------|--------|--------|--------|-----|---------|------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----|
| Mode | | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2400-2483.5_802.11g_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2484.46</td> <td>68.71</td> <td>74.00</td> <td>-5.29</td> <td>56.15</td> <td>32.45</td> <td>6.73</td> <td>32.62</td> <td>6.00</td> <td>110</td> <td>178</td> <td>PEAK</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2484.46 | 68.71 | 74.00 | -5.29 | 56.15 | 32.45 | 6.73 | 32.62 | 6.00 | 110 | 178 | 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>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2462.00</td> <td>112.11</td> <td>-----</td> <td>-----</td> <td>99.71</td> <td>32.37</td> <td>6.71</td> <td>32.68</td> <td>6.00</td> <td>110</td> <td>178</td> <td>PEAK</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2462.00 | 112.11 | ----- | ----- | 99.71 | 32.37 | 6.71 | 32.68 | 6.00 | 110 | 178 |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.46 | 68.71 | 74.00 | -5.29 | 56.15 | 32.45 | 6.73 | 32.62 | 6.00 | 110 | 178 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 112.11 | ----- | ----- | 99.71 | 32.37 | 6.71 | 32.68 | 6.00 | 110 | 178 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.55 | 50.39 | 54.00 | -3.61 | 37.84 | 32.45 | 6.73 | 32.63 | 6.00 | 110 | 178 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 102.64 | ----- | ----- | 90.24 | 32.37 | 6.71 | 32.68 | 6.00 | 110 | 178 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|--|--------|--------|--------|-------|-------------|--------|------|-------|------------|-----|------|------|--------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2400-2483.5_802.11g_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.23 | 59.36 | 74.00 | -14.64 | 46.80 | 32.45 | 6.73 | 32.62 | 6.00 | 358 | 87 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 102.51 | ----- | ----- | 90.09 | 32.38 | 6.71 | 32.67 | 6.00 | 358 | 87 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.70 | 44.51 | 54.00 | -9.49 | 31.96 | 32.45 | 6.73 | 32.63 | 6.00 | 358 | 87 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 93.10 | ----- | ----- | 80.68 | 32.38 | 6.71 | 32.67 | 6.00 | 358 | 87 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|-------------|--------------|-------------|--------|--------|-------|--------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11g_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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> </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>1</td> <td>4924.00</td> <td>45.77</td> <td>74.00</td> <td>-28.23</td> <td>66.72</td> <td>34.00</td> <td>10.35</td> <td>65.30</td> <td>0.00</td> <td>100</td> <td>0</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7386.00</td> <td>40.40</td> <td>74.00</td> <td>-33.60</td> <td>58.83</td> <td>35.78</td> <td>12.73</td> <td>66.94</td> <td>0.00</td> <td>100</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4924.00 | 45.77 | 74.00 | -28.23 | 66.72 | 34.00 | 10.35 | 65.30 | 0.00 | 100 | 0 | PEAK | 2 | 7386.00 | 40.40 | 74.00 | -33.60 | 58.83 | 35.78 | 12.73 | 66.94 | 0.00 | 100 | 0 | 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>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> </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>1</td> <td>4924.00</td> <td>40.95</td> <td>74.00</td> <td>-33.05</td> <td>61.90</td> <td>34.00</td> <td>10.35</td> <td>65.30</td> <td>0.00</td> <td>300</td> <td>0</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7386.00</td> <td>40.39</td> <td>74.00</td> <td>-33.61</td> <td>58.82</td> <td>35.78</td> <td>12.73</td> <td>66.94</td> <td>0.00</td> <td>300</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4924.00 | 40.95 | 74.00 | -33.05 | 61.90 | 34.00 | 10.35 | 65.30 | 0.00 | 300 | 0 | PEAK | 2 | 7386.00 | 40.39 | 74.00 | -33.61 | 58.82 | 35.78 | 12.73 | 66.94 | 0.00 | 300 | 0 | PEAK |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 45.77 | 74.00 | -28.23 | 66.72 | 34.00 | 10.35 | 65.30 | 0.00 | 100 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7386.00 | 40.40 | 74.00 | -33.60 | 58.83 | 35.78 | 12.73 | 66.94 | 0.00 | 100 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 40.95 | 74.00 | -33.05 | 61.90 | 34.00 | 10.35 | 65.30 | 0.00 | 300 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7386.00 | 40.39 | 74.00 | -33.61 | 58.82 | 35.78 | 12.73 | 66.94 | 0.00 | 300 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



7

Mode

Band Edge

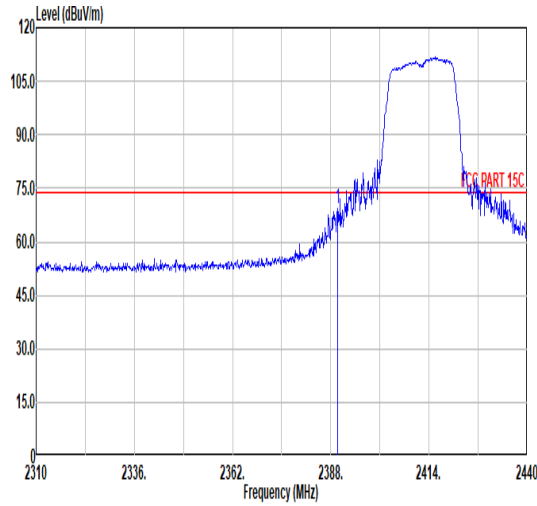
2400-2483.5_802.11n_HT20_CH01_2412MHz

Pol.

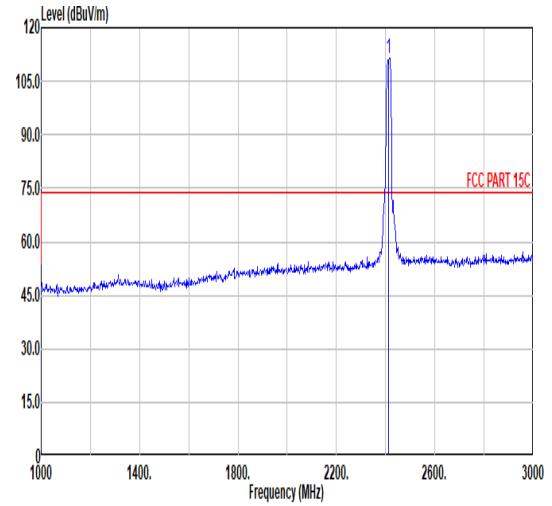
Horizontal

Fundamental

Peak

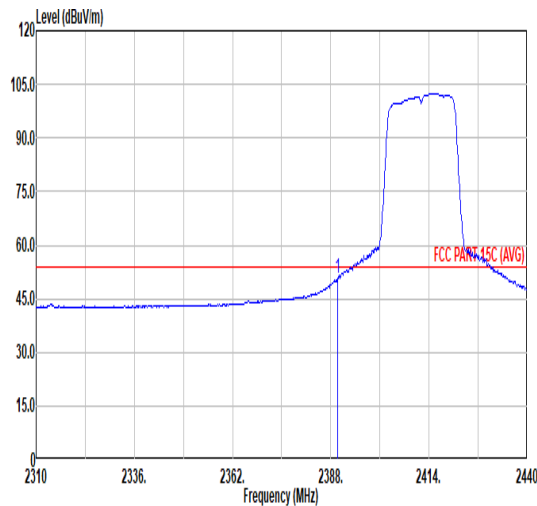


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | |
|-------|-------|-------|-------|--------|------|------|------|--------|------|
| | | | | | | | | | Freq |
| 74.00 | 69.24 | | | | | | | | |
| -4.76 | 57.22 | 32.28 | 6.60 | 32.86 | 6.00 | 303 | 354 | PEAK | |

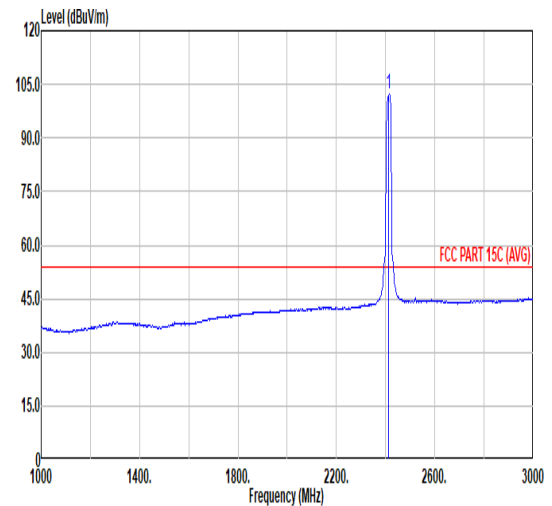


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | |
|-------|--------|-------|-------|--------|------|------|------|--------|------|
| | | | | | | | | | Freq |
| 74.00 | 111.57 | | | | | | | | |
| -4.76 | 99.44 | 32.30 | 6.64 | 32.81 | 6.00 | 303 | 354 | PEAK | |

Avg



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | |
|-------|-------|-------|-------|--------|------|------|------|---------|------|
| | | | | | | | | | Freq |
| 54.00 | 50.74 | | | | | | | | |
| -3.26 | 38.72 | 32.28 | 6.60 | 32.86 | 6.00 | 303 | 354 | AVERAGE | |



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | |
|-------|--------|-------|-------|--------|------|------|------|---------|------|
| | | | | | | | | | Freq |
| 54.00 | 102.35 | | | | | | | | |
| -3.26 | 90.22 | 32.30 | 6.64 | 32.81 | 6.00 | 303 | 354 | AVERAGE | |

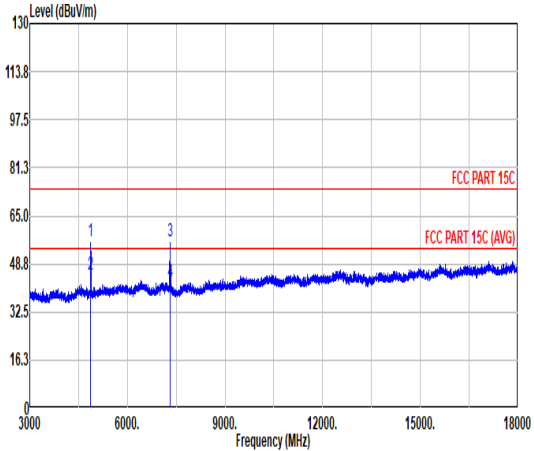
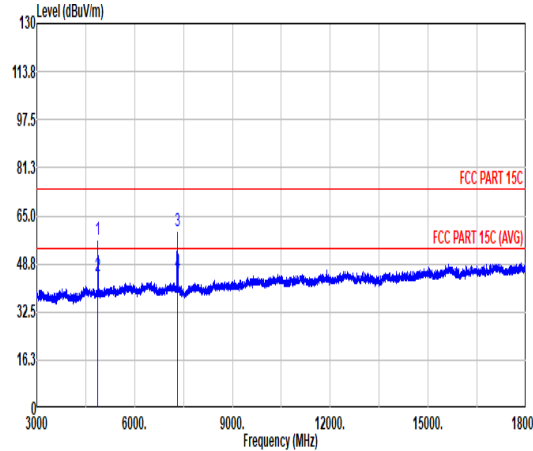
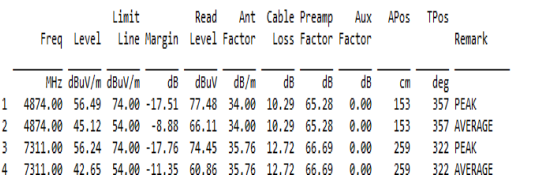
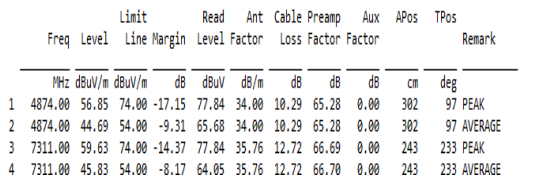


| | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|-------------|--------------|-------------|-------------|-------------|-------|-------|------|-------|------------|-----|------|------|--|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT20_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th></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"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>62.02</td> <td>74.00</td> <td>-11.98</td> <td>50.00</td> <td>32.28</td> <td>6.60</td> <td>32.86</td> <td>6.00</td> <td>100</td> <td>76 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | 1 | 2389.95 | 62.02 | 74.00 | -11.98 | 50.00 | 32.28 | 6.60 | 32.86 | 6.00 | 100 | 76 PEAK | <table border="1"> <thead> <tr> <th></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"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2412.00</td> <td>98.70</td> <td>-----</td> <td>-----</td> <td>86.54</td> <td>32.30</td> <td>6.65</td> <td>32.79</td> <td>6.00</td> <td>100</td> <td>76 PEAK</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | 1 | 2412.00 | 98.70 | ----- | ----- | 86.54 | 32.30 | 6.65 | 32.79 | 6.00 | 100 |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.95 | 62.02 | 74.00 | -11.98 | 50.00 | 32.28 | 6.60 | 32.86 | 6.00 | 100 | 76 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 98.70 | ----- | ----- | 86.54 | 32.30 | 6.65 | 32.79 | 6.00 | 100 | 76 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th></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"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.82</td> <td>45.83</td> <td>54.00</td> <td>-8.17</td> <td>33.81</td> <td>32.28</td> <td>6.60</td> <td>32.86</td> <td>6.00</td> <td>100</td> <td>76 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | 1 | 2389.82 | 45.83 | 54.00 | -8.17 | 33.81 | 32.28 | 6.60 | 32.86 | 6.00 | 100 | 76 AVERAGE | <table border="1"> <thead> <tr> <th></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"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2412.00</td> <td>89.29</td> <td>-----</td> <td>-----</td> <td>77.13</td> <td>32.30</td> <td>6.65</td> <td>32.79</td> <td>6.00</td> <td>100</td> <td>76 AVERAGE</td> </tr> </tbody> </table> | | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | 1 | 2412.00 | 89.29 | ----- | ----- | 77.13 | 32.30 | 6.65 | 32.79 | 6.00 | 100 |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.82 | 45.83 | 54.00 | -8.17 | 33.81 | 32.28 | 6.60 | 32.86 | 6.00 | 100 | 76 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2412.00 | 89.29 | ----- | ----- | 77.13 | 32.30 | 6.65 | 32.79 | 6.00 | 100 | 76 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|-------------|--------------|-------------|--------|--------|-------|--------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---|------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT20_CH01_2412MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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> </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>1</td> <td>4824.00</td> <td>41.40</td> <td>74.00</td> <td>-32.60</td> <td>62.43</td> <td>34.00</td> <td>10.23</td> <td>65.26</td> <td>0.00</td> <td>100</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 41.40 | 74.00 | -32.60 | 62.43 | 34.00 | 10.23 | 65.26 | 0.00 | 100 | 0 | 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>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> </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>1</td> <td>4824.00</td> <td>39.52</td> <td>74.00</td> <td>-34.48</td> <td>60.55</td> <td>34.00</td> <td>10.23</td> <td>65.26</td> <td>0.00</td> <td>300</td> <td>0</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 39.52 | 74.00 | -34.48 | 60.55 | 34.00 | 10.23 | 65.26 | 0.00 | 300 | 0 | PEAK |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4824.00 | 41.40 | 74.00 | -32.60 | 62.43 | 34.00 | 10.23 | 65.26 | 0.00 | 100 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4824.00 | 39.52 | 74.00 | -34.48 | 60.55 | 34.00 | 10.23 | 65.26 | 0.00 | 300 | 0 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|-------|--------|-------------|--------|-------|--------|------|--------|-----|---------|-------|-------------|-------|--------|-------------|--------|--|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|--|-------|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|-------|--------|-------------|--------|--|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT20_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak |  <p>Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. Two peaks are marked at 4874.00 MHz and 7311.00 MHz. Limits for FCC PART 15C and FCC PART 15C (AVG) are shown.</p> <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>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4874.00</td> <td>56.49</td> <td>74.00</td> <td>-17.51</td> <td>77.48</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>153</td> <td>357</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>45.12</td> <td>54.00</td> <td>-8.88</td> <td>66.11</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>153</td> <td>357</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>56.24</td> <td>74.00</td> <td>-17.76</td> <td>74.45</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>259</td> <td>322</td> <td>PEAK</td> </tr> <tr> <td>4</td> <td>7311.00</td> <td>42.65</td> <td>54.00</td> <td>-11.35</td> <td>60.86</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>259</td> <td>322</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | 1 | 4874.00 | 56.49 | 74.00 | -17.51 | 77.48 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | PEAK | 2 | 4874.00 | 45.12 | 54.00 | -8.88 | 66.11 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | AVERAGE | 3 | 7311.00 | 56.24 | 74.00 | -17.76 | 74.45 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | PEAK | 4 | 7311.00 | 42.65 | 54.00 | -11.35 | 60.86 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | AVERAGE |  <p>Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. Two peaks are marked at 4874.00 MHz and 7311.00 MHz. Limits for FCC PART 15C and FCC PART 15C (AVG) are shown.</p> <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>TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4874.00</td> <td>56.85</td> <td>74.00</td> <td>-17.15</td> <td>77.84</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>302</td> <td>97</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>44.69</td> <td>54.00</td> <td>-9.31</td> <td>65.68</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>302</td> <td>97</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>59.63</td> <td>74.00</td> <td>-14.37</td> <td>77.84</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>243</td> <td>233</td> <td>PEAK</td> </tr> <tr> <td>4</td> <td>7311.00</td> <td>45.83</td> <td>54.00</td> <td>-8.17</td> <td>64.05</td> <td>35.76</td> <td>12.72</td> <td>66.70</td> <td>0.00</td> <td>243</td> <td>233</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | 1 | 4874.00 | 56.85 | 74.00 | -17.15 | 77.84 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | PEAK | 2 | 4874.00 | 44.69 | 54.00 | -9.31 | 65.68 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | AVERAGE | 3 | 7311.00 | 59.63 | 74.00 | -14.37 | 77.84 | 35.76 | 12.72 | 66.69 | 0.00 | 243 | 233 | PEAK | 4 | 7311.00 | 45.83 | 54.00 | -8.17 | 64.05 | 35.76 | 12.72 | 66.70 | 0.00 | 243 | 233 | AVERAGE |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.49 | 74.00 | -17.51 | 77.48 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 45.12 | 54.00 | -8.88 | 66.11 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 56.24 | 74.00 | -17.76 | 74.45 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 42.65 | 54.00 | -11.35 | 60.86 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.85 | 74.00 | -17.15 | 77.84 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 44.69 | 54.00 | -9.31 | 65.68 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 59.63 | 74.00 | -14.37 | 77.84 | 35.76 | 12.72 | 66.69 | 0.00 | 243 | 233 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 45.83 | 54.00 | -8.17 | 64.05 | 35.76 | 12.72 | 66.70 | 0.00 | 243 | 233 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.49 | 74.00 | -17.51 | 77.48 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 45.12 | 54.00 | -8.88 | 66.11 | 34.00 | 10.29 | 65.28 | 0.00 | 153 | 357 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 56.24 | 74.00 | -17.76 | 74.45 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 42.65 | 54.00 | -11.35 | 60.86 | 35.76 | 12.72 | 66.69 | 0.00 | 259 | 322 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 56.85 | 74.00 | -17.15 | 77.84 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 44.69 | 54.00 | -9.31 | 65.68 | 34.00 | 10.29 | 65.28 | 0.00 | 302 | 97 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 59.63 | 74.00 | -14.37 | 77.84 | 35.76 | 12.72 | 66.69 | 0.00 | 243 | 233 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7311.00 | 45.83 | 54.00 | -8.17 | 64.05 | 35.76 | 12.72 | 66.70 | 0.00 | 243 | 233 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|------|---|-------------|--------------|-------------|-------------|-------------|-------|-------|--------|-------|-------------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT20_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.23 | 68.20 | 74.00 | -5.80 | 55.64 | 32.45 | 6.73 | 32.62 | 6.00 | 100 | 179 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 110.38 | ----- | ----- | 97.98 | 32.37 | 6.71 | 32.68 | 6.00 | 100 | 179 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.66 | 58.92 | 54.00 | -3.00 | 38.37 | 32.45 | 6.73 | 32.63 | 6.00 | 100 | 179 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor | | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 100.94 | ----- | ----- | 88.58 | 32.35 | 6.70 | 32.69 | 6.00 | 100 | 179 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|-------|---|---------------------------------------|--------|--------|--------|-------------|--------|--------|-------|--------|------------|------|------|--------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|----|-----|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|---|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|----|-----|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | | Band Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2400-2483.5_802.11n_HT20_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.81 | 56.34 | 74.00 | -17.66 | 43.78 | 32.45 | 6.73 | 32.62 | 6.00 | 358 | 87 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 101.51 | ----- | ----- | 89.09 | 32.38 | 6.71 | 32.67 | 6.00 | 358 | 87 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.51 | 44.34 | 54.00 | -9.66 | 31.79 | 32.45 | 6.73 | 32.63 | 6.00 | 358 | 87 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2462.00 | 92.09 | ----- | ----- | 79.67 | 32.38 | 6.71 | 32.67 | 6.00 | 358 | 87 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|----------|-------------|--------|--------|-------------|--------|-------|--------|-------------|--------|--------|-------------|-------------|-------|--------|-------------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|--|-----|-------|--------|-----|------|------|--------|------|-------|-------------|-------|--------|-------------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT20_CH11_2462MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th colspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> </tr> <tr> <th></th> <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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4924.00</td> <td>44.70</td> <td>74.00</td> <td>-29.30</td> <td>65.65</td> <td>34.00</td> <td>10.35</td> <td>65.30</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7386.00</td> <td>40.26</td> <td>74.00</td> <td>-33.74</td> <td>58.69</td> <td>35.78</td> <td>12.73</td> <td>66.94</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4924.00 | 44.70 | 74.00 | -29.30 | 65.65 | 34.00 | 10.35 | 65.30 | 0.00 | 100 | 360 | PEAK | 2 | 7386.00 | 40.26 | 74.00 | -33.74 | 58.69 | 35.78 | 12.73 | 66.94 | 0.00 | 100 | 360 | PEAK | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th colspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> </tr> <tr> <th></th> <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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4924.00</td> <td>40.68</td> <td>74.00</td> <td>-33.32</td> <td>61.63</td> <td>34.00</td> <td>10.35</td> <td>65.30</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7386.00</td> <td>40.45</td> <td>74.00</td> <td>-33.55</td> <td>58.88</td> <td>35.78</td> <td>12.73</td> <td>66.94</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4924.00 | 40.68 | 74.00 | -33.32 | 61.63 | 34.00 | 10.35 | 65.30 | 0.00 | 300 | 360 | PEAK | 2 | 7386.00 | 40.45 | 74.00 | -33.55 | 58.88 | 35.78 | 12.73 | 66.94 | 0.00 | 300 | 360 | PEAK |
| | Limit | | Read | | | | | | | | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | | Level | Line Margin | Level | Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 44.70 | 74.00 | -29.30 | 65.65 | 34.00 | 10.35 | 65.30 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7386.00 | 40.26 | 74.00 | -33.74 | 58.69 | 35.78 | 12.73 | 66.94 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Freq | Level | | | | | | | | Line Margin | Level | Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4924.00 | 40.68 | 74.00 | -33.32 | 61.63 | 34.00 | 10.35 | 65.30 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7386.00 | 40.45 | 74.00 | -33.55 | 58.88 | 35.78 | 12.73 | 66.94 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|--------|-------------|--------|--------|-------|--------|--------|------|------|-------------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-------------|---|--|-------|------|-----|-------|--------|-----|------|------|--------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | Band Edge - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH03_2422MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2386.16 | 66.09 | 74.00 | -7.91 | 54.09 | 32.27 | 6.60 | 32.87 | 6.00 | 350 | 354 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2422.00 | 106.68 | ----- | ----- | 94.51 | 32.30 | 6.65 | 32.78 | 6.00 | 350 | 354 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2389.30 | 50.20 | 54.00 | -3.80 | 38.18 | 32.28 | 6.60 | 32.86 | 6.00 | 350 | 354 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2422.00 | 97.59 | ----- | ----- | 85.42 | 32.30 | 6.65 | 32.78 | 6.00 | 350 | 354 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|--------|--------|--------|--------|--------|-------|------|------|-------|---------|--------|------|--------|--------|--------|-----|--------|--------|----|----|----|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|-------|--|
| Mode | Band Edge - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH03_2422MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2499.53</td> <td>55.70</td> <td>74.00</td> <td>-18.30</td> <td>43.03</td> <td>32.50</td> <td>6.75</td> <td>32.58</td> <td>6.00</td> <td>350</td> <td>354</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dB | dB | dB | cm | 1 | 2499.53 | 55.70 | 74.00 | -18.30 | 43.03 | 32.50 | 6.75 | 32.58 | 6.00 | 350 | 354 | PEAK | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2499.53 | 55.70 | 74.00 | -18.30 | 43.03 | 32.50 | 6.75 | 32.58 | 6.00 | 350 | 354 | 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2492.51</td> <td>44.47</td> <td>54.00</td> <td>-9.53</td> <td>31.83</td> <td>32.49</td> <td>6.75</td> <td>32.60</td> <td>6.00</td> <td>350</td> <td>354</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dB | dB | dB | cm | 1 | 2492.51 | 44.47 | 54.00 | -9.53 | 31.83 | 32.49 | 6.75 | 32.60 | 6.00 | 350 | 354 | AVERAGE | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dB | dB | dB | cm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2492.51 | 44.47 | 54.00 | -9.53 | 31.83 | 32.49 | 6.75 | 32.60 | 6.00 | 350 | 354 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|------|-------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|---|-------|------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|-------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| Mode | Band Edge - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH03_2422MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2375.86</td> <td>55.77</td> <td>74.00</td> <td>-18.23</td> <td>43.04</td> <td>32.23</td> <td>6.58</td> <td>32.08</td> <td>6.00</td> <td>313</td> <td>268</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2375.86 | 55.77 | 74.00 | -18.23 | 43.04 | 32.23 | 6.58 | 32.08 | 6.00 | 313 | 268 | PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2422.00</td> <td>98.58</td> <td>74.00</td> <td>24.58</td> <td>06.38</td> <td>32.30</td> <td>6.66</td> <td>32.76</td> <td>6.00</td> <td>313</td> <td>268</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2422.00 | 98.58 | 74.00 | 24.58 | 06.38 | 32.30 | 6.66 | 32.76 | 6.00 | 313 | 268 | PEAK |
| | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2375.86 | 55.77 | 74.00 | -18.23 | 43.04 | 32.23 | 6.58 | 32.08 | 6.00 | 313 | 268 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2422.00 | 98.58 | 74.00 | 24.58 | 06.38 | 32.30 | 6.66 | 32.76 | 6.00 | 313 | 268 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2387.73</td> <td>44.61</td> <td>54.00</td> <td>-9.39</td> <td>32.59</td> <td>32.28</td> <td>6.60</td> <td>32.06</td> <td>6.00</td> <td>313</td> <td>268</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2387.73 | 44.61 | 54.00 | -9.39 | 32.59 | 32.28 | 6.60 | 32.06 | 6.00 | 313 | 268 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Limit</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2422.00</td> <td>89.25</td> <td>54.00</td> <td>35.25</td> <td>77.05</td> <td>32.30</td> <td>6.66</td> <td>32.76</td> <td>6.00</td> <td>313</td> <td>268</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2422.00 | 89.25 | 54.00 | 35.25 | 77.05 | 32.30 | 6.66 | 32.76 | 6.00 | 313 | 268 | AVERAGE |
| Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2387.73 | 44.61 | 54.00 | -9.39 | 32.59 | 32.28 | 6.60 | 32.06 | 6.00 | 313 | 268 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Limit | Level | Factor | Loss | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2422.00 | 89.25 | 54.00 | 35.25 | 77.05 | 32.30 | 6.66 | 32.76 | 6.00 | 313 | 268 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|-------------|-------|--------|--------|--------|--------|-------|--------|-----|------|---------|--------|------|-------|------|-------|--------|------|--------|--------|----|-----|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|
| Mode | Band Edge - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH03_2422MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | Blank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</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>1</td> <td>2484.01</td> <td>56.39</td> <td>74.00</td> <td>-17.61</td> <td>43.83</td> <td>32.45</td> <td>6.73</td> <td>32.62</td> <td>6.00</td> <td>313</td> <td>268</td> <td>PEAK</td> </tr> </tbody> </table> | | | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Level | Factor | Loss | Factor | Factor | cm | deg | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2484.01 | 56.39 | 74.00 | -17.61 | 43.83 | 32.45 | 6.73 | 32.62 | 6.00 | 313 |
| Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.01 | 56.39 | 74.00 | -17.61 | 43.83 | 32.45 | 6.73 | 32.62 | 6.00 | 313 | 268 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | | | Blank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Limit</th> <th>Over</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</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</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>1</td> <td>2489.00</td> <td>45.12</td> <td>54.00</td> <td>-8.88</td> <td>32.52</td> <td>32.47</td> <td>6.74</td> <td>32.61</td> <td>6.00</td> <td>313</td> <td>268</td> <td>AVERAGE</td> </tr> </tbody> </table> | | | Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Level | Factor | Loss | Factor | Factor | cm | deg | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2489.00 | 45.12 | 54.00 | -8.88 | 32.52 | 32.47 | 6.74 | 32.61 | 6.00 | 313 |
| Limit | Over | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Level | Factor | Loss | Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2489.00 | 45.12 | 54.00 | -8.88 | 32.52 | 32.47 | 6.74 | 32.61 | 6.00 | 313 | 268 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|----------|-------|-------------|--------------|-------------|--------|--------|--------|--------|-------------|--------------|-------------|--------------|-------------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH03_2422MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th rowspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="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>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4844.00</td> <td>42.43</td> <td>74.00</td> <td>-31.57</td> <td>63.44</td> <td>34.00</td> <td>10.25</td> <td>65.26</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7266.00</td> <td>41.72</td> <td>74.00</td> <td>-32.28</td> <td>59.79</td> <td>35.75</td> <td>12.72</td> <td>66.54</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4844.00 | 42.43 | 74.00 | -31.57 | 63.44 | 34.00 | 10.25 | 65.26 | 0.00 | 100 | 360 | PEAK | 2 | 7266.00 | 41.72 | 74.00 | -32.28 | 59.79 | 35.75 | 12.72 | 66.54 | 0.00 | 100 | 360 | PEAK | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th rowspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="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>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4844.00</td> <td>40.57</td> <td>74.00</td> <td>-33.43</td> <td>61.58</td> <td>34.00</td> <td>10.25</td> <td>65.26</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7266.00</td> <td>41.71</td> <td>74.00</td> <td>-32.29</td> <td>59.78</td> <td>35.75</td> <td>12.72</td> <td>66.54</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4844.00 | 40.57 | 74.00 | -33.43 | 61.58 | 34.00 | 10.25 | 65.26 | 0.00 | 300 | 360 | PEAK | 2 | 7266.00 | 41.71 | 74.00 | -32.29 | 59.78 | 35.75 | 12.72 | 66.54 | 0.00 | 300 | 360 |
| Limit | Read | | | | | | | | | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4844.00 | 42.43 | 74.00 | -31.57 | 63.44 | 34.00 | 10.25 | 65.26 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7266.00 | 41.72 | 74.00 | -32.28 | 59.79 | 35.75 | 12.72 | 66.54 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4844.00 | 40.57 | 74.00 | -33.43 | 61.58 | 34.00 | 10.25 | 65.26 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7266.00 | 41.71 | 74.00 | -32.29 | 59.78 | 35.75 | 12.72 | 66.54 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



11

Mode

Band Edge - L

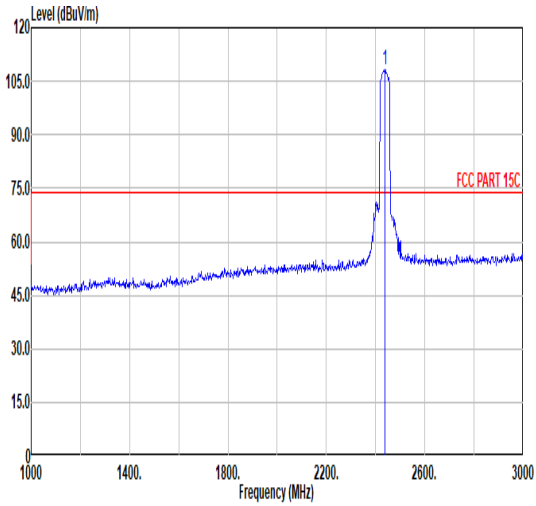
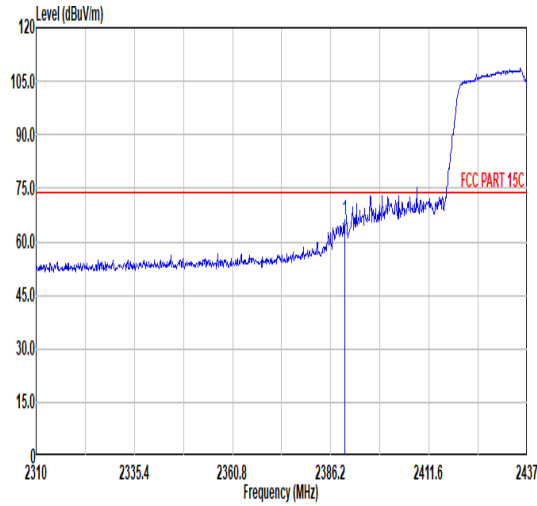
2400-2483.5_802.11n_HT40_CH06_2437MHz

Pol.

Horizontal

Fundamental

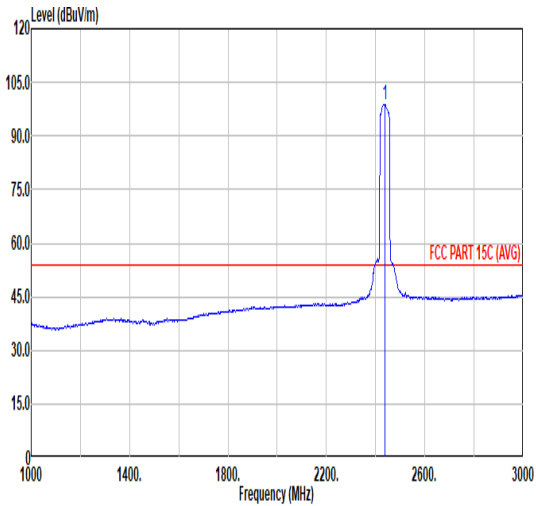
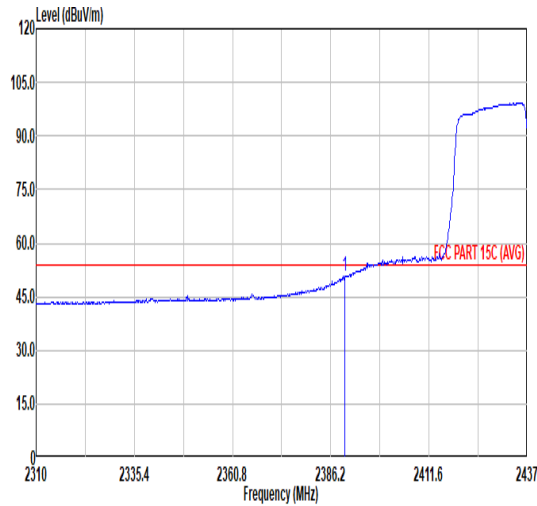
Peak



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|-------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2389.76 | 65.91 | 74.00 | -8.09 | 53.89 | 32.28 | 6.60 | 32.86 | 6.00 | 138 | 178 | PEAK |

| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|--------|-------|--------|-------|-------|------|--------|------|-------|-------------|-------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2437.00 | 108.27 | ----- | ----- | 96.07 | 32.30 | 6.66 | 32.76 | 6.00 | 138 | 178 | PEAK |

Avg



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|-------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2389.88 | 50.66 | 54.00 | -3.34 | 38.64 | 32.28 | 6.60 | 32.86 | 6.00 | 138 | 178 | AVERAGE |

| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | |
|-------|---------|-------|-------|--------|-------|-------|------|--------|------|-------|-------------|---------|
| | | | | | | | | | Freq | Level | Line Margin | Level |
| 1 | 2437.00 | 98.88 | ----- | ----- | 86.68 | 32.30 | 6.66 | 32.76 | 6.00 | 138 | 178 | AVERAGE |



| | | 11 | | | | | | | |
|------|---------------------------------------|----|--|--|-------------|--|--|--|--|
| Mode | Band Edge - R | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH06_2437MHz | | | | | | | | |
| Pol. | Horizontal | | | | Fundamental | | | | |
| Peak | | | | | Blank | | | | |
| Avg | | | | | Blank | | | | |



11

Mode

Band Edge - L

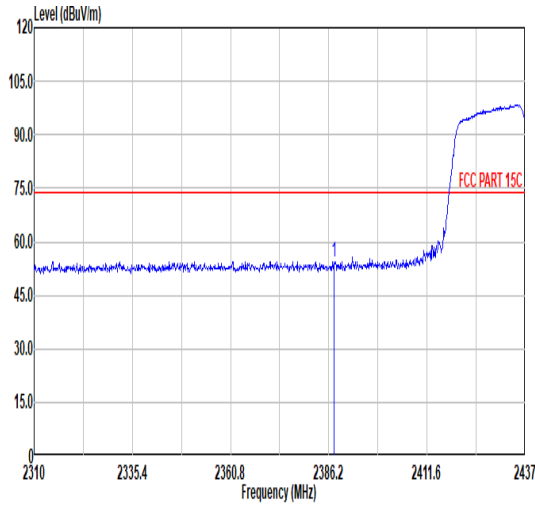
2400-2483.5_802.11n_HT40_CH06_2437MHz

Pol.

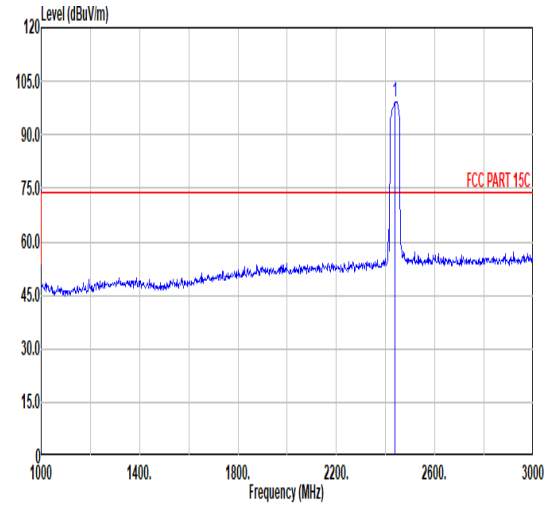
Vertical

Fundamental

Peak

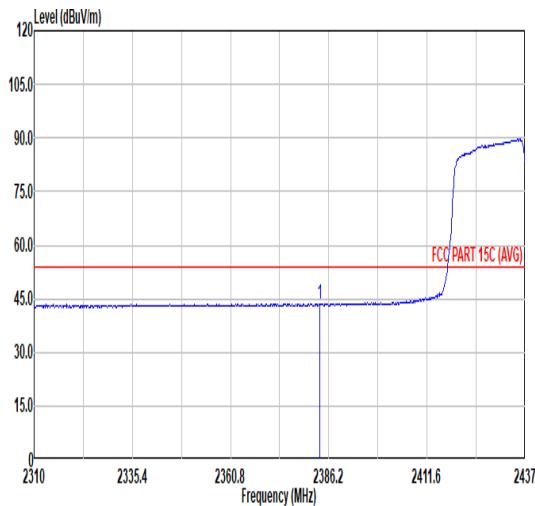


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | |
|-------|-------|-------|--------|--------|-------|------|-------|--------|------|-------|-------------|
| | | | | | | | | | Freq | Level | Line Margin |
| 75 | 54.44 | 74.00 | -19.56 | 42.43 | 32.27 | 6.60 | 32.86 | 6.00 | 288 | 69 | PEAK |

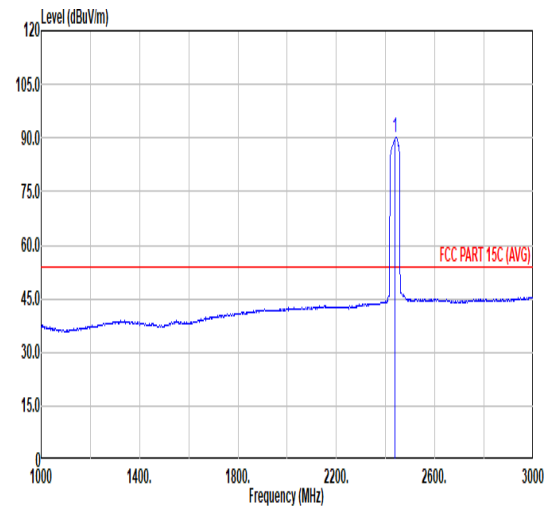


| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | |
|-------|-------|-------|-------|--------|-------|------|-------|--------|------|-------|-------------|
| | | | | | | | | | Freq | Level | Line Margin |
| 75 | 99.30 | ----- | ----- | 87.07 | 32.30 | 6.67 | 32.74 | 6.00 | 288 | 69 | PEAK |

Avg



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | |
|-------|-------|-------|--------|--------|-------|------|-------|--------|------|-------|-------------|
| | | | | | | | | | Freq | Level | Line Margin |
| 54 | 43.69 | 54.00 | -10.31 | 31.71 | 32.26 | 6.59 | 32.87 | 6.00 | 288 | 69 | AVERAGE |



| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | |
|-------|-------|-------|-------|--------|-------|------|-------|--------|------|-------|-------------|
| | | | | | | | | | Freq | Level | Line Margin |
| 54 | 90.29 | ----- | ----- | 78.04 | 32.30 | 6.68 | 32.73 | 6.00 | 288 | 69 | AVERAGE |



| | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------|--------|--------|--------|--------|-------|------|------|-------|---------|--------|-------|--------|------|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|-------|--|
| Mode | Band Edge - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.81</td> <td>57.43</td> <td>74.00</td> <td>-16.57</td> <td>44.87</td> <td>32.45</td> <td>6.73</td> <td>32.62</td> <td>6.00</td> <td>288</td> <td>69</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.81 | 57.43 | 74.00 | -16.57 | 44.87 | 32.45 | 6.73 | 32.62 | 6.00 | 288 | 69 | PEAK | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.81 | 57.43 | 74.00 | -16.57 | 44.87 | 32.45 | 6.73 | 32.62 | 6.00 | 288 | 69 | 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.94</td> <td>44.75</td> <td>54.00</td> <td>-9.25</td> <td>32.19</td> <td>32.45</td> <td>6.73</td> <td>32.62</td> <td>6.00</td> <td>288</td> <td>69</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.94 | 44.75 | 54.00 | -9.25 | 32.19 | 32.45 | 6.73 | 32.62 | 6.00 | 288 | 69 | AVERAGE | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.94 | 44.75 | 54.00 | -9.25 | 32.19 | 32.45 | 6.73 | 32.62 | 6.00 | 288 | 69 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|--------------|-------------|--------|--------|-------|--------|--------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>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> </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>1</td> <td>4874.00</td> <td>49.43</td> <td>74.00</td> <td>-24.57</td> <td>70.42</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4874.00</td> <td>38.42</td> <td>54.00</td> <td>-15.58</td> <td>59.41</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>100</td> <td>360</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7311.00</td> <td>41.42</td> <td>74.00</td> <td>-32.58</td> <td>59.63</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4874.00 | 49.43 | 74.00 | -24.57 | 70.42 | 34.00 | 10.29 | 65.28 | 0.00 | 100 | 360 | PEAK | 2 | 4874.00 | 38.42 | 54.00 | -15.58 | 59.41 | 34.00 | 10.29 | 65.28 | 0.00 | 100 | 360 | AVERAGE | 3 | 7311.00 | 41.42 | 74.00 | -32.58 | 59.63 | 35.76 | 12.72 | 66.69 | 0.00 | 100 | 360 | 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>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> </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>1</td> <td>4874.00</td> <td>41.29</td> <td>74.00</td> <td>-32.71</td> <td>62.28</td> <td>34.00</td> <td>10.29</td> <td>65.28</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7311.00</td> <td>41.01</td> <td>74.00</td> <td>-32.99</td> <td>59.22</td> <td>35.76</td> <td>12.72</td> <td>66.69</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4874.00 | 41.29 | 74.00 | -32.71 | 62.28 | 34.00 | 10.29 | 65.28 | 0.00 | 300 | 360 | PEAK | 2 | 7311.00 | 41.01 | 74.00 | -32.99 | 59.22 | 35.76 | 12.72 | 66.69 | 0.00 | 300 | 360 | PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 49.43 | 74.00 | -24.57 | 70.42 | 34.00 | 10.29 | 65.28 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4874.00 | 38.42 | 54.00 | -15.58 | 59.41 | 34.00 | 10.29 | 65.28 | 0.00 | 100 | 360 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7311.00 | 41.42 | 74.00 | -32.58 | 59.63 | 35.76 | 12.72 | 66.69 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4874.00 | 41.29 | 74.00 | -32.71 | 62.28 | 34.00 | 10.29 | 65.28 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7311.00 | 41.01 | 74.00 | -32.99 | 59.22 | 35.76 | 12.72 | 66.69 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|---|-------|--------|--------|--------|-------------|-------|------|-------|-----------|-----|------|------|------|-------|-------|------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----------|--|--|--|--|--|---|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|------|-------|-------|------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----------|
| Mode | | Band Edge - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2400-2483.5_802.11n_HT40_CH09_2452MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | | Horizontal | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>1</td> <td>2311.99</td> <td>55.34</td> <td>74.00</td> <td>-18.66</td> <td>43.87</td> <td>31.98</td> <td>6.48</td> <td>32.99</td> <td>6.00</td> <td>166</td> <td>0 PEAK</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2311.99 | 55.34 | 74.00 | -18.66 | 43.87 | 31.98 | 6.48 | 32.99 | 6.00 | 166 | 0 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Level</th> <th>Loss</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>1</td> <td>2452.00</td> <td>105.71</td> <td>-----</td> <td>-----</td> <td>93.37</td> <td>32.34</td> <td>6.70</td> <td>32.70</td> <td>6.00</td> <td>166</td> <td>0 PEAK</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2452.00 | 105.71 | ----- | ----- | 93.37 | 32.34 | 6.70 | 32.70 | 6.00 | 166 | 0 PEAK |
| | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2311.99 | 55.34 | 74.00 | -18.66 | 43.87 | 31.98 | 6.48 | 32.99 | 6.00 | 166 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2452.00 | 105.71 | ----- | ----- | 93.37 | 32.34 | 6.70 | 32.70 | 6.00 | 166 | 0 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2365.95 | 44.65 | 54.00 | -9.35 | 32.79 | 32.19 | 6.57 | 32.90 | 6.00 | 166 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Level | Loss | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2452.00 | 96.45 | ----- | ----- | 84.11 | 32.34 | 6.70 | 32.70 | 6.00 | 166 | 0 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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|-------|--|-------------|--------|--------|--------|--------|---------|------|------|------|-------|------|--------|-------|--------|------|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---------|-------|--|
| Mode | Band Edge - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH09_2452MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2489.34</td> <td>63.32</td> <td>74.00</td> <td>-10.68</td> <td>50.72</td> <td>32.47</td> <td>6.74</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>32.61</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6.00</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>166</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2489.34 | 63.32 | 74.00 | -10.68 | 50.72 | 32.47 | 6.74 | | | | | | | | 32.61 | | | | | | | | 6.00 | | | | | | | | 166 | | | | | | | | 0 | | | | | | | | PEAK | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2489.34 | 63.32 | 74.00 | -10.68 | 50.72 | 32.47 | 6.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 32.61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 166 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.63 | 50.76 | 54.00 | -3.24 | 38.21 | 32.45 | 6.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 32.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 166 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|-------------|--------|--------|--------|--------|------------|------|------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|
| Mode | Band Edge - L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH09_2452MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | | | | | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2380.15 | 54.78 | 74.00 | -19.22 | 42.82 | 32.25 | 6.59 | 32.88 | 6.00 | 354 | 82 PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2452.00 | 97.83 | ----- | ----- | 85.50 | 32.34 | 6.69 | 32.70 | 6.00 | 354 | 82 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>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2382.28</td> <td>43.76</td> <td>54.00</td> <td>-10.24</td> <td>31.79</td> <td>32.25</td> <td>6.59</td> <td>32.87</td> <td>6.00</td> <td>354</td> <td>82 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2382.28 | 43.76 | 54.00 | -10.24 | 31.79 | 32.25 | 6.59 | 32.87 | 6.00 | 354 | 82 AVERAGE | <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>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2452.00</td> <td>88.70</td> <td>-----</td> <td>-----</td> <td>76.34</td> <td>32.35</td> <td>6.70</td> <td>32.69</td> <td>6.00</td> <td>354</td> <td>82 AVERAGE</td> </tr> </tbody> </table> | | | | | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2452.00 | 88.70 | ----- | ----- | 76.34 | 32.35 | 6.70 | 32.69 | 6.00 | 354 |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2382.28 | 43.76 | 54.00 | -10.24 | 31.79 | 32.25 | 6.59 | 32.87 | 6.00 | 354 | 82 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2452.00 | 88.70 | ----- | ----- | 76.34 | 32.35 | 6.70 | 32.69 | 6.00 | 354 | 82 AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|-------------|--------|--------|--------|--------|--------|-------|------|------|-------|---------|--------|-------|--------|------|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|-------|--|
| Mode | Band Edge - R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n HT40_CH09_2452MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Vertical | Fundamental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2484.64</td> <td>56.32</td> <td>74.00</td> <td>-17.68</td> <td>43.75</td> <td>32.46</td> <td>6.73</td> <td>32.62</td> <td>6.00</td> <td>354</td> <td>82</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2484.64 | 56.32 | 74.00 | -17.68 | 43.75 | 32.46 | 6.73 | 32.62 | 6.00 | 354 | 82 | PEAK | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2484.64 | 56.32 | 74.00 | -17.68 | 43.75 | 32.46 | 6.73 | 32.62 | 6.00 | 354 | 82 | 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>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</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> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.68</td> <td>45.11</td> <td>54.00</td> <td>-8.89</td> <td>32.56</td> <td>32.45</td> <td>6.73</td> <td>32.63</td> <td>6.00</td> <td>354</td> <td>82</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.68 | 45.11 | 54.00 | -8.89 | 32.56 | 32.45 | 6.73 | 32.63 | 6.00 | 354 | 82 | AVERAGE | Blank | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2483.68 | 45.11 | 54.00 | -8.89 | 32.56 | 32.45 | 6.73 | 32.63 | 6.00 | 354 | 82 | AVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|----------|--------|-------------|-------|--------|-------------|--------|------|--------|-------------|-------|-------------|-------------|--------|-------------|--------|----|-----|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|-------|--------|-------------|--------|----|-----|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|
| | Harmonic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11n_HT40_CH09_2452MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Avg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th rowspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>4904.00</td> <td>43.00</td> <td>74.00</td> <td>-31.00</td> <td>63.96</td> <td>34.00</td> <td>10.33</td> <td>65.29</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>7356.00</td> <td>41.55</td> <td>74.00</td> <td>-32.45</td> <td>59.89</td> <td>35.77</td> <td>12.73</td> <td>66.84</td> <td>0.00</td> <td>100</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | cm | deg | 4904.00 | 43.00 | 74.00 | -31.00 | 63.96 | 34.00 | 10.33 | 65.29 | 0.00 | 100 | 360 | PEAK | 7356.00 | 41.55 | 74.00 | -32.45 | 59.89 | 35.77 | 12.73 | 66.84 | 0.00 | 100 | 360 | PEAK | <table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th rowspan="2">Read</th> <th rowspan="2">Ant</th> <th rowspan="2">Cable</th> <th rowspan="2">Preamp</th> <th rowspan="2">Aux</th> <th rowspan="2">APos</th> <th rowspan="2">TPos</th> <th rowspan="2">Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>4904.00</td> <td>41.40</td> <td>74.00</td> <td>-32.60</td> <td>62.36</td> <td>34.00</td> <td>10.33</td> <td>65.29</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> <tr> <td>7356.00</td> <td>41.34</td> <td>74.00</td> <td>-32.66</td> <td>59.68</td> <td>35.77</td> <td>12.73</td> <td>66.84</td> <td>0.00</td> <td>300</td> <td>360</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | cm | deg | 4904.00 | 41.40 | 74.00 | -32.60 | 62.36 | 34.00 | 10.33 | 65.29 | 0.00 | 300 | 360 | PEAK | 7356.00 | 41.34 | 74.00 | -32.66 | 59.68 | 35.77 | 12.73 | 66.84 | 0.00 | 300 | 360 |
| Limit | Read | | | | | | | | | | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4904.00 | 43.00 | 74.00 | -31.00 | 63.96 | 34.00 | 10.33 | 65.29 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7356.00 | 41.55 | 74.00 | -32.45 | 59.89 | 35.77 | 12.73 | 66.84 | 0.00 | 100 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4904.00 | 41.40 | 74.00 | -32.60 | 62.36 | 34.00 | 10.33 | 65.29 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7356.00 | 41.34 | 74.00 | -32.66 | 59.68 | 35.77 | 12.73 | 66.84 | 0.00 | 300 | 360 | PEAK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

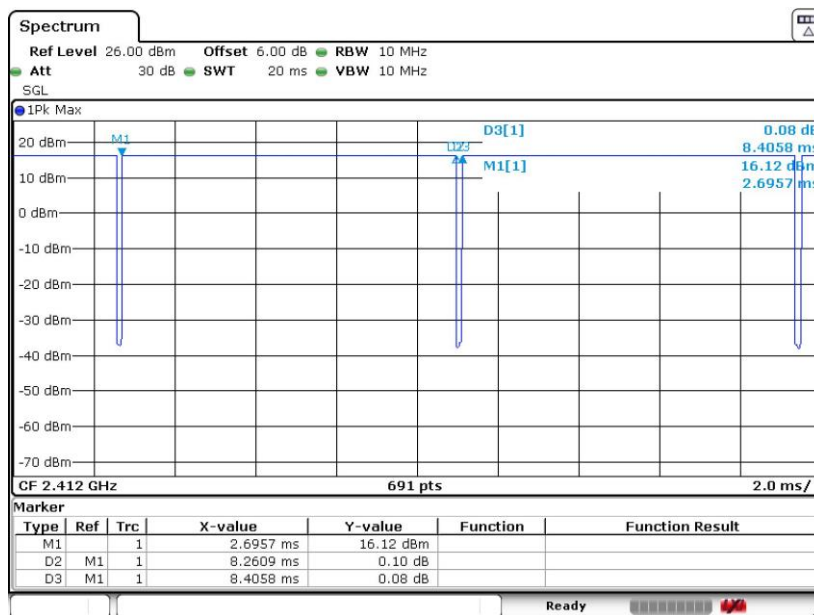


| Mode | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2400-2483.5_802.11b_CH06_2437MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pol. | Horizontal | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QP/ 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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>62.98</td> <td>32.74</td> <td>40.00</td> <td>-7.26</td> <td>52.70</td> <td>12.08</td> <td>0.87</td> <td>32.91</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>2</td> <td>317.12</td> <td>22.45</td> <td>46.00</td> <td>-23.55</td> <td>33.36</td> <td>19.54</td> <td>2.40</td> <td>32.85</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>3</td> <td>512.09</td> <td>23.53</td> <td>46.00</td> <td>-22.47</td> <td>29.29</td> <td>24.15</td> <td>3.05</td> <td>32.96</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>4</td> <td>634.31</td> <td>26.62</td> <td>46.00</td> <td>-19.38</td> <td>29.52</td> <td>26.67</td> <td>3.41</td> <td>32.98</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>5</td> <td>827.34</td> <td>30.16</td> <td>46.00</td> <td>-15.84</td> <td>29.86</td> <td>28.96</td> <td>3.88</td> <td>32.54</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>6</td> <td>943.74</td> <td>31.42</td> <td>46.00</td> <td>-14.58</td> <td>28.25</td> <td>30.71</td> <td>4.14</td> <td>31.68</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | dB | dB | dB | dB | dB | dB | dB | dB | dB | 1 | 62.98 | 32.74 | 40.00 | -7.26 | 52.70 | 12.08 | 0.87 | 32.91 | 0.00 | --- | --- | Peak | 2 | 317.12 | 22.45 | 46.00 | -23.55 | 33.36 | 19.54 | 2.40 | 32.85 | 0.00 | --- | --- | Peak | 3 | 512.09 | 23.53 | 46.00 | -22.47 | 29.29 | 24.15 | 3.05 | 32.96 | 0.00 | --- | --- | Peak | 4 | 634.31 | 26.62 | 46.00 | -19.38 | 29.52 | 26.67 | 3.41 | 32.98 | 0.00 | --- | --- | Peak | 5 | 827.34 | 30.16 | 46.00 | -15.84 | 29.86 | 28.96 | 3.88 | 32.54 | 0.00 | --- | --- | Peak | 6 | 943.74 | 31.42 | 46.00 | -14.58 | 28.25 | 30.71 | 4.14 | 31.68 | 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>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</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>dB</th> <th>cm</th> <th>deg</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>62.98</td> <td>33.43</td> <td>40.00</td> <td>-6.57</td> <td>53.39</td> <td>12.08</td> <td>0.87</td> <td>32.91</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>2</td> <td>159.01</td> <td>26.59</td> <td>43.50</td> <td>-16.91</td> <td>41.08</td> <td>16.66</td> <td>1.68</td> <td>32.83</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>3</td> <td>386.96</td> <td>25.00</td> <td>46.00</td> <td>-21.00</td> <td>33.86</td> <td>21.35</td> <td>2.65</td> <td>32.86</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>4</td> <td>551.86</td> <td>26.30</td> <td>46.00</td> <td>-19.70</td> <td>30.59</td> <td>25.65</td> <td>3.17</td> <td>33.11</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>5</td> <td>703.18</td> <td>27.51</td> <td>46.00</td> <td>-18.49</td> <td>30.05</td> <td>26.93</td> <td>3.59</td> <td>33.06</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> <tr> <td>6</td> <td>844.00</td> <td>30.13</td> <td>46.00</td> <td>-15.87</td> <td>29.18</td> <td>29.45</td> <td>3.92</td> <td>32.42</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | dB | dB | dB | dB | dB | dB | dB | dB | dB | 1 | 62.98 | 33.43 | 40.00 | -6.57 | 53.39 | 12.08 | 0.87 | 32.91 | 0.00 | --- | --- | Peak | 2 | 159.01 | 26.59 | 43.50 | -16.91 | 41.08 | 16.66 | 1.68 | 32.83 | 0.00 | --- | --- | Peak | 3 | 386.96 | 25.00 | 46.00 | -21.00 | 33.86 | 21.35 | 2.65 | 32.86 | 0.00 | --- | --- | Peak | 4 | 551.86 | 26.30 | 46.00 | -19.70 | 30.59 | 25.65 | 3.17 | 33.11 | 0.00 | --- | --- | Peak | 5 | 703.18 | 27.51 | 46.00 | -18.49 | 30.05 | 26.93 | 3.59 | 33.06 | 0.00 | --- | --- | Peak | 6 | 844.00 | 30.13 | 46.00 | -15.87 | 29.18 | 29.45 | 3.92 | 32.42 | 0.00 | --- | --- |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | dB | dB | dB | dB | dB | dB | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62.98 | 32.74 | 40.00 | -7.26 | 52.70 | 12.08 | 0.87 | 32.91 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 317.12 | 22.45 | 46.00 | -23.55 | 33.36 | 19.54 | 2.40 | 32.85 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 512.09 | 23.53 | 46.00 | -22.47 | 29.29 | 24.15 | 3.05 | 32.96 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 634.31 | 26.62 | 46.00 | -19.38 | 29.52 | 26.67 | 3.41 | 32.98 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 827.34 | 30.16 | 46.00 | -15.84 | 29.86 | 28.96 | 3.88 | 32.54 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 943.74 | 31.42 | 46.00 | -14.58 | 28.25 | 30.71 | 4.14 | 31.68 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | dB | dB | dB | dB | dB | dB | dB | dB | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62.98 | 33.43 | 40.00 | -6.57 | 53.39 | 12.08 | 0.87 | 32.91 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 159.01 | 26.59 | 43.50 | -16.91 | 41.08 | 16.66 | 1.68 | 32.83 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 386.96 | 25.00 | 46.00 | -21.00 | 33.86 | 21.35 | 2.65 | 32.86 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 551.86 | 26.30 | 46.00 | -19.70 | 30.59 | 25.65 | 3.17 | 33.11 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 703.18 | 27.51 | 46.00 | -18.49 | 30.05 | 26.93 | 3.59 | 33.06 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 844.00 | 30.13 | 46.00 | -15.87 | 29.18 | 29.45 | 3.92 | 32.42 | 0.00 | --- | --- | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix D. Duty Cycle Plots

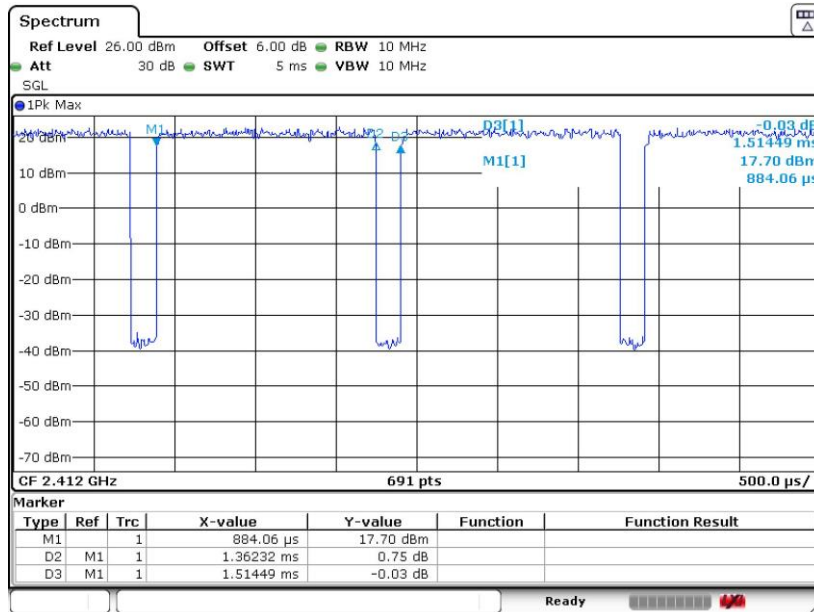
| Band | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|--------------|---------------|-------|----------|-------------|
| 802.11b | 98.28 | - | - | 10Hz |
| 802.11g | 89.95 | 1.362 | 0.734 | 0.75KHz |
| 802.11n HT20 | 88.89 | 1.275 | 0.784 | 0.82KHz |
| 802.11n HT40 | 80.73 | 0.638 | 1.568 | 1.6KHz |

802.11b

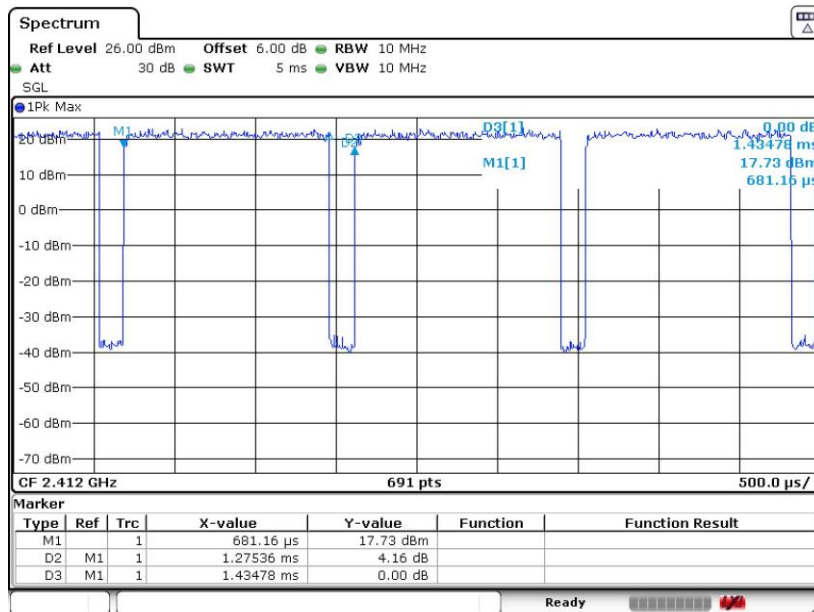




802.11g



802.11n HT20





802.11n HT40

