

FCC Test Report

FCC ID : H8NSAX1V1K
Equipment : WiFi 6 Router
Model Name : SAX1V1K
Applicant : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe Dist.,
New Taipei City, Taiwan
Manufacturer : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe Dist.,
New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 30, 2019, and testing was started from Aug. 30, 2019 and completed on May 26, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01



Summary of Test Result

| Report Clause | Ref. Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---------------|------------------|---|--------------------|--------|
| 1.1.2 | 15.203 | Antenna Requirement | PASS | - |
| 3.1 | 15.207 | AC Power-line Conducted Emissions | PASS | - |
| 3.2 | 15.247(a) | DTS Bandwidth | PASS | - |
| 3.3 | 15.247(b) | Maximum Conducted Output Power | PASS | - |
| 3.4 | 15.247(e) | Power Spectral Density | PASS | - |
| 3.5 | 15.247(d) | Emissions in Non-restricted Frequency Bands | PASS | - |
| 3.6 | 15.247(d) | Emissions in Restricted Frequency Bands | PASS | - |

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|-----------------------|----------------------------------|---------------------|----------------|
| 2400-2483.5 | b, g, n (HT20), VHT20, ax(HEW20) | 2412-2462 | 1-11 [11] |
| 2400-2483.5 | n (HT40), VHT40, ax(HEW40) | 2422-2452 | 3-9 [7] |

Non - Beamforming

| Band | Mode | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 2.4-2.4835GHz | 802.11b | 20 | 4TX |
| 2.4-2.4835GHz | 802.11g | 20 | 4TX |
| 2.4-2.4835GHz | VHT20 | 20 | 4TX |
| 2.4-2.4835GHz | 802.11ax HEW20 | 20 | 4TX |
| 2.4-2.4835GHz | VHT40 | 40 | 4TX |
| 2.4-2.4835GHz | 802.11ax HEW40 | 40 | 4TX |

Beamforming

| Band | Mode | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 2.4-2.4835GHz | VHT20-BF | 20 | 4TX |
| 2.4-2.4835GHz | VHT40-BF | 40 | 4TX |
| 2.4-2.4835GHz | 802.11ax HEW20-BF | 20 | 4TX |
| 2.4-2.4835GHz | 802.11ax HEW40-BF | 40 | 4TX |

Note:

- ◆ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ◆ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ◆ BWch is the nominal channel bandwidth.
- ◆ The resource unit of HEW 20, HEW 40 only support full loading.



1.1.2 Antenna Information

| Ant. | Brand | Model Name | Antenna Type | Connector |
|------|---------|------------|--------------|-----------|
| 1 | Airgain | N/A | PCB antenna | N/A |
| 2 | Airgain | N/A | PCB antenna | N/A |
| 3 | Airgain | N/A | PCB antenna | N/A |
| 4 | Airgain | N/A | PCB antenna | N/A |
| 5 | Airgain | N/A | PCB antenna | N/A |
| 6 | Airgain | N/A | PCB antenna | N/A |
| 7 | Airgain | N/A | PCB antenna | N/A |
| 8 | Airgain | N/A | PCB antenna | N/A |

| Ant. | Gain (dBi) | | | | |
|---------|------------|----------|----------|---------|-----|
| | Peak Gain | | | | |
| | 2.4G | 5G | | | |
| U-NII-1 | | U-NII-2A | U-NII-2C | U-NII-3 | |
| 1~4 | 4.4 | - | - | - | - |
| 5~8 | - | 4.7 | 5.2 | 5.7 | 5.7 |

| Ant. | Gain (dBi) | | | | |
|---------|-----------------|----------|----------|---------|-----|
| | Correlated Gain | | | | |
| | 2.4G | 5G | | | |
| U-NII-1 | | U-NII-2A | U-NII-2C | U-NII-3 | |
| 1~4 | 6.9 | - | - | - | - |
| 5~8 | - | 6.9 | 6.6 | 6.9 | 6.8 |

Note 1: The EUT has eight antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac/ax mode (4TX/4RX)

Ant. 1 ~4 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 5 ~8 could transmit/receive simultaneously.



1.1.3 EUT Information

| Operational Condition | | | | |
|-------------------------------------|---|---------------------|--------------------------|---------------------|
| EUT Power Type | From AC Adapter | | | |
| EUT Function | <input checked="" type="checkbox"/> | Point-to-multipoint | <input type="checkbox"/> | Point-to-point |
| Beamforming Function | <input checked="" type="checkbox"/> | With beamforming | <input type="checkbox"/> | Without beamforming |
| Type of EUT | | | | |
| <input checked="" type="checkbox"/> | Stand-alone | | | |
| <input type="checkbox"/> | Combined (EUT where the radio part is fully integrated within another device) | | | |
| | Combined Equipment - Brand Name / Model No.: | | ... | |
| <input type="checkbox"/> | Plug-in radio (EUT intended for a variety of host systems) | | | |
| | Host System - Brand Name / Model No.: | | ... | |
| <input type="checkbox"/> | Other: | | | |

1.1.4 Mode Test Duty Cycle

Non - Beamforming

| Mode | DC | DCF(dB) | T(s) | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|---------|---------------|
| 802.11b_Nss1,(1Mbps)_4TX | 0.623 | 2.06 | 666.25u | 3k |
| 802.11g_Nss1,(6Mbps)_4TX | 0.935 | 0.29 | 1.978m | 1k |
| VHT20_Nss1,(MCS0)_4TX | 0.934 | 0.3 | 5.43m | 300 |
| VHT40_Nss1,(MCS0)_4TX | 0.874 | 0.58 | 5.43m | 300 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 0.953 | 0.21 | 5.447m | 300 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 0.926 | 0.33 | 5.447m | 300 |

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

| Mode | DC | DCF(dB) | T(s) | VBW(Hz) ≥ 1/T |
|-----------------------------------|-------|---------|--------|---------------|
| VHT20-BF_Nss1,(MCS0)_4TX | 0.87 | 0.6 | 1.949m | 1k |
| VHT40-BF_Nss1,(MCS0)_4TX | 0.939 | 0.27 | 1.949m | 1k |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 0.832 | 0.8 | 1.502m | 1k |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 0.806 | 0.94 | 1.502m | 1k |

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.



1.2 Testing Applied Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- ◆ KDB 558074 D01 v05r02
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 414788 D01 v01r01

1.3 Testing Location Information

| Testing Location | | |
|--|----------|---|
| <input checked="" type="checkbox"/> | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973 |
| Test site Designation No. TW1190 with FCC. | | |
| <input type="checkbox"/> | JHUBEI | ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.) TEL : 886-3-656-9065 FAX : 886-3-656-9085 |
| Test site Designation No. TW0006 with FCC. | | |
| <input checked="" type="checkbox"/> | Wen Shan | ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL : 886-3-318-0787 FAX : 886-3-318-0287 |
| Test site Designation No. TW1097 with FCC. | | |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date |
|----------------|---------------|---------------|-------------------------|--|
| AC Conduction | CO04-HY | Edward Wang | 22.3~24.5°C / 62~68% | 06/May/2020 |
| RF Conducted | TH01-HY | Barry Hsiao | 22.5~25.8°C / 51~67% | 19/Sep/2019~ 26/May/2020 |
| Radiated | 03CH09-HY | Lego Lin | 20.3~23.1°C / 55~61% | 30/Aug/2019~ 27/Sep/2019 28/Apr/2020~ 21/May/2020 |



1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

| Test Items | Uncertainty | Remark |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz) | 0.9 dB | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz) | 2.4 dB | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 3.7 dB | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz) | 3.6 dB | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz) | 3.5 dB | Confidence levels of 95% |
| Conducted Emission | 1.0 dB | Confidence levels of 95% |
| Temperature | 0.41 °C | Confidence levels of 95% |
| Humidity | 3.4 % | Confidence levels of 95% |



2 Test Configuration of EUT

2.1 Test Condition

| RF Conducted | Abbreviation | Remark |
|--------------|--------------|--------|
| TnomVnom | Tnom | 20°C |
| - | Vnom | 120V |

2.2 Test Channel Mode

| Test Software | QSPR |
|---------------|------|
| | |

Non-Beamforming

| Mode | Power Setting |
|--------------------------------|---------------|
| 802.11b_Nss1,(1Mbps)_4TX | - |
| 2412MHz | 22.5 |
| 2417MHz | 23.5 |
| 2437MHz | 23.5 |
| 2457MHz | 21 |
| 2462MHz | 20.5 |
| 802.11g_Nss1,(6Mbps)_4TX | - |
| 2412MHz | 23.5 |
| 2417MHz | 23.5 |
| 2437MHz | 23.5 |
| 2457MHz | 23.5 |
| 2462MHz | 23.5 |
| VHT20_Nss1,(MCS0)_4TX | - |
| 2412MHz | 23.5 |
| 2417MHz | 23.5 |
| 2437MHz | 23.5 |
| 2457MHz | 23.5 |
| 2462MHz | 23.5 |
| VHT40_Nss1,(MCS0)_4TX | - |
| 2422MHz | 23 |
| 2427MHz | 23.5 |
| 2437MHz | 23.5 |
| 2452MHz | 23 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - |
| 2412MHz | 23.5 |



| Mode | Power Setting |
|--------------------------------|---------------|
| 2417MHz | 23.5 |
| 2437MHz | 23.5 |
| 2457MHz | 23.5 |
| 2462MHz | 23.5 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - |
| 2422MHz | 23 |
| 2427MHz | 23 |
| 2437MHz | 23 |
| 2447MHz | 23 |
| 2452MHz | 23 |


Beamforming

| Mode | Power Setting |
|-----------------------------------|---------------|
| VHT20-BF_Nss1,(MCS0)_4TX | - |
| 2412MHz | 27.5 |
| 2437MHz | 28.5 |
| 2462MHz | 28.5 |
| VHT40-BF_Nss1,(MCS0)_4TX | - |
| 2422MHz | 27.5 |
| 2437MHz | 27.5 |
| 2452MHz | 28.5 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - |
| 2412MHz | 27.5 |
| 2437MHz | 28.5 |
| 2462MHz | 28.5 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - |
| 2422MHz | 27.5 |
| 2437MHz | 27.5 |
| 2452MHz | 28.5 |

2.3 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests | |
|---|--|
| Tests Item | AC power-line conducted emissions |
| Condition | AC power-line conducted measurement for line and neutral |
| Operating Mode | CTX |
| 1 | AC Adapter mode |

| The Worst Case Mode for Following Conformance Tests | |
|---|--|
| Tests Item | DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands |
| Test Condition | Conducted measurement at transmit chains |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| Tests Item | Emissions in Restricted Frequency Bands |
| Test Condition | Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| Operating Mode < 1GHz | CTX |
| 1 | AC Adapter mode |
| Operating Mode > 1GHz | CTX |
| Orthogonal Planes of EUT | Y Plane |
| |  |

| The Worst Case Mode for Following Conformance Tests | |
|---|------------------------------------|
| Tests Item | Simultaneous Transmission Analysis |
| Operating Mode | CTX |
| 1 | WLAN 2.4GHz + WLAN 5GHz |
| Refer to Sporton Test Report No.: FA9N1813-01 for Co-location RF Exposure Evaluation. | |



2.4 Accessories

| Accessories | | | | |
|--------------|--------------|--|------------|------------------|
| AC Adapter 1 | Brand Name | FLYPOWER | Model Name | PS36L120K3000UD |
| | Power Rating | I/P: 100 - 120Vac, 1.0 A, O/P: 12.0 Vdc, 3.0 A | | |
| | Power Cord | 1.5 meter, Non-Shielded cable, w/o ferrite core | | |
| AC Adapter 2 | Brand Name | Sunny | Model Name | SYS1620L-3612-W2 |
| | Power Rating | I/P: 90 - 135Vac, 47-63Hz, 1.5 A, O/P: 12.0 Vdc, 3.0 A | | |
| | Power Cord | 1.5 meter, Non-Shielded cable, w/o ferrite core | | |
| RJ45 Cable | Cable | 1.75 meter, non-shielded cable, w/o ferrite core | | |

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

| Support Equipment – Conducted | | | | | |
|-------------------------------|-----------------------|------------|--------------|--------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID | Remark |
| 1 | Notebook | DELL | E5410 | - | - |
| 2 | Adapter for NB | DELL | HA65NM130 | - | - |
| 3 | Notebook for BF | DELL | E5410 | - | - |
| 4 | Adapter for NB for BF | DELL | HA65NM130 | - | - |
| 5 | Client | Askey | RT5010W-D187 | - | - |

Note: Support equipment No.5 was provided by customer.

| Support Equipment – AC Conduction | | | | | |
|-----------------------------------|---------------------------|------------|--------------|--------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID | Remark |
| 1 | Notebook | Dell | PP13S | - | - |
| 2 | Adapter for NB | Dell | AA90PM111 | - | - |
| 3 | RJ-45 cable | Power sync | CAT-6E-10 | | |
| 4 | Notebook (Remote) | Dell | PP13S | - | - |
| 5 | Adapter for NB (Remote) | Dell | AA90PM111 | - | - |
| 6 | Client (Remote) | Askey | RT5010W-D187 | - | - |
| 7 | RJ-45 cable (Remote) | Power sync | CAT-6E--01 | - | - |
| 8 | AC Power Cablex3 (Remote) | Power sync | PW-GPC180-3 | - | - |

Note: Support equipment No.6 was provided by customer.

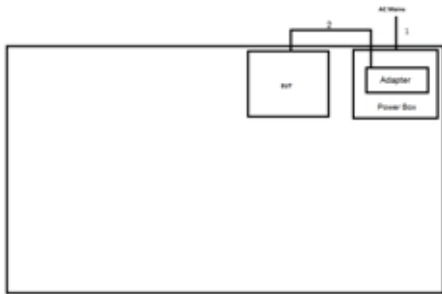


| Support Equipment – Radiated | | | | | |
|------------------------------|---------------------------|------------|--------------|--------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID | Remark |
| 1 | Notebook | Dell | PP13S | - | - |
| 2 | Adapter for NB | Dell | AA90PM111 | - | - |
| 3 | RJ-45 cable | Power sync | CAT-6E-10 | | |
| 4 | Notebook (Remote) | Dell | PP13S | - | - |
| 5 | Adapter for NB (Remote) | Dell | AA90PM111 | - | - |
| 6 | Client (Remote) | Askey | RT5010W-D187 | - | - |
| 7 | RJ-45 cable (Remote) | Power sync | CAT-6E--01 | - | - |
| 8 | AC Power Cablex3 (Remote) | Power sync | PW-GPC180-3 | - | - |

Note: Support equipment No.6 was provided by customer.

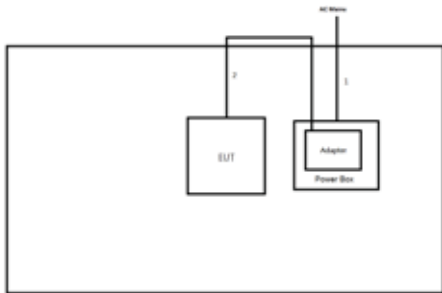
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



| Item | Connection | Shielded | Length(m) |
|------|----------------|----------|-----------|
| 1 | AC Power cable | No | 1.8 |
| 2 | DC Power cable | No | 1.5 |

Test Setup Diagram - Radiated Test



| Item | Connection | Shielded | Length(m) |
|------|----------------|----------|-----------|
| 1 | AC Power cable | No | 1.8 |
| 2 | DC Power cable | No | 1.5 |



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

| AC Power-line Conducted Emissions Limit | | |
|---|------------|-----------|
| Frequency Emission (MHz) | Quasi-Peak | Average |
| 0.15-0.5 | 66 - 56 * | 56 - 46 * |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

Note 1: * Decreases with the logarithm of the frequency.

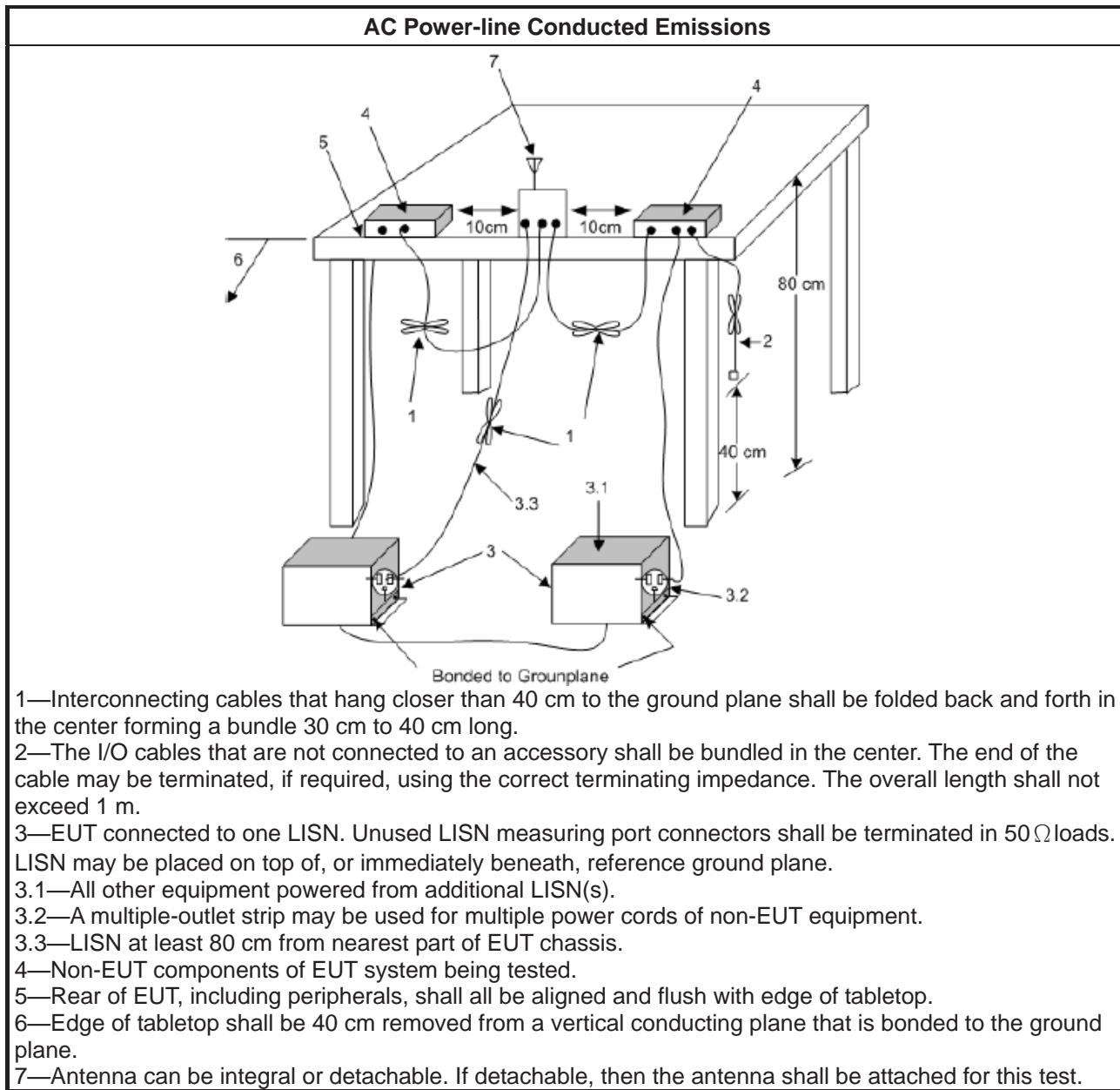
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

| Test Method |
|--|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions. |

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

| 6dB Bandwidth Limit | |
|---|--|
| Systems using digital modulation techniques: | |
| <ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz. | |

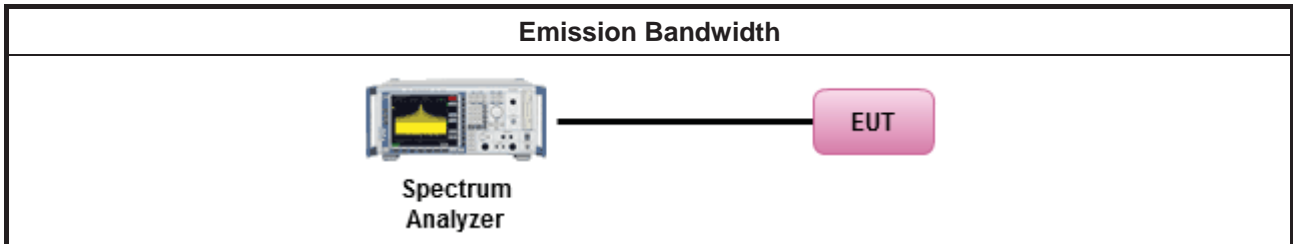
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

| Test Method | |
|--|--|
| <ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: | |
| <input checked="" type="checkbox"/> | Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement. |
| <input type="checkbox"/> | Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing. |
| <input type="checkbox"/> | Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing. |

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit | |
|---|--|
| | <ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W) |
| | <ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm |
| | <ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm |
| | <ul style="list-style-type: none"> ▪ Smart antenna system (SAS): |
| | <ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm |
| | <ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm |
| | <ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm |
| e.i.r.p. Power Limit: | |
| | <ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band |
| | <ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W) |
| | <ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm |
| | <ul style="list-style-type: none"> ▪ Smart antenna system (SAS) |
| | <ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm |
| | <ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm |
| | <ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm |
| P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi. | |

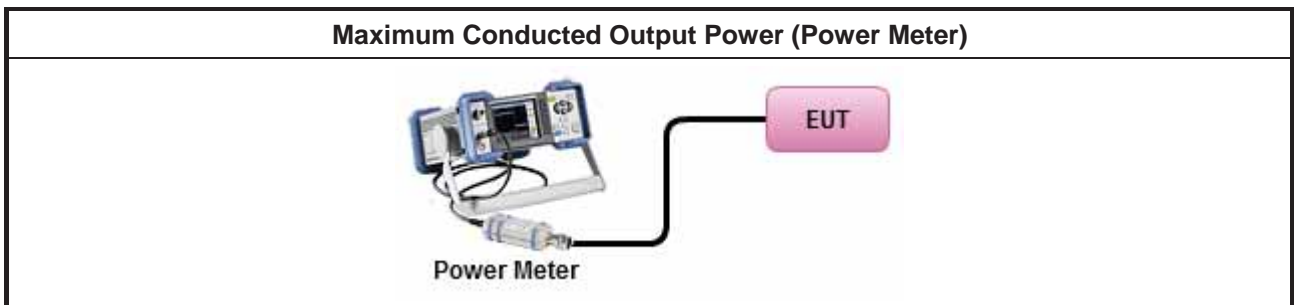
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

| Test Method | |
|--|---|
| <ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power | |
| <input type="checkbox"/> | Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method. |
| <input type="checkbox"/> | Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method. |
| <input type="checkbox"/> | Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter. |
| <ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power | |
| <input type="checkbox"/> | Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer. |
| <input checked="" type="checkbox"/> | Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter. |
| <ul style="list-style-type: none"> ▪ For conducted measurement. | |
| <ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. | |
| <ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ | |

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

| Power Spectral Density Limit |
|---|
| <ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz |

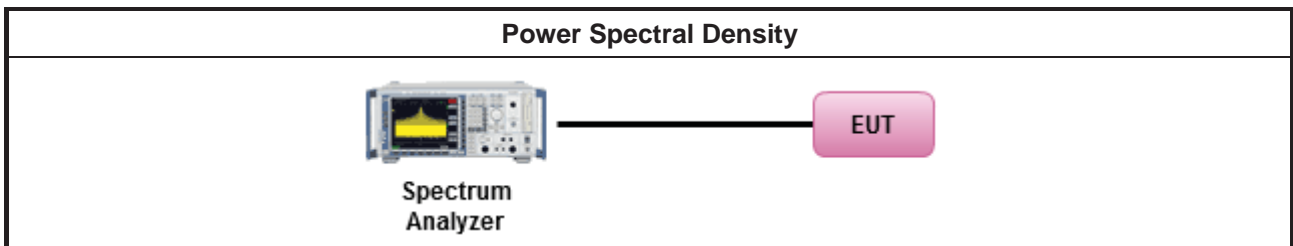
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

| Test Method |
|---|
| <ul style="list-style-type: none"> Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option). |
| <input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD. |
| <ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. |

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

| Un-restricted Band Emissions Limit | |
|------------------------------------|------------|
| RF output power procedure | Limit (dB) |
| Peak output power procedure | 20 |
| Average output power procedure | 30 |

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.

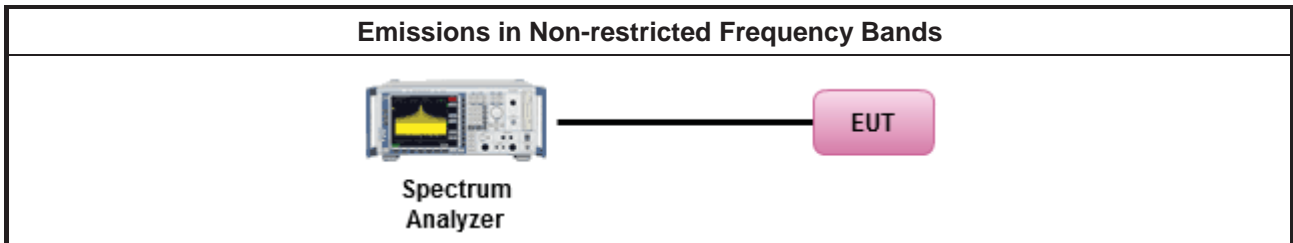
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

| Test Method |
|--|
| <ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands. |

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

| Restricted Band Emissions Limit | | | |
|---------------------------------|-----------------------|-------------------------|----------------------|
| Frequency Range (MHz) | Field Strength (uV/m) | Field Strength (dBuV/m) | Measure Distance (m) |
| 0.009~0.490 | 2400/F(kHz) | 48.5 - 13.8 | 300 |
| 0.490~1.705 | 24000/F(kHz) | 33.8 - 23 | 30 |
| 1.705~30.0 | 30 | 29 | 30 |
| 30~88 | 100 | 40 | 3 |
| 88~216 | 150 | 43.5 | 3 |
| 216~960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

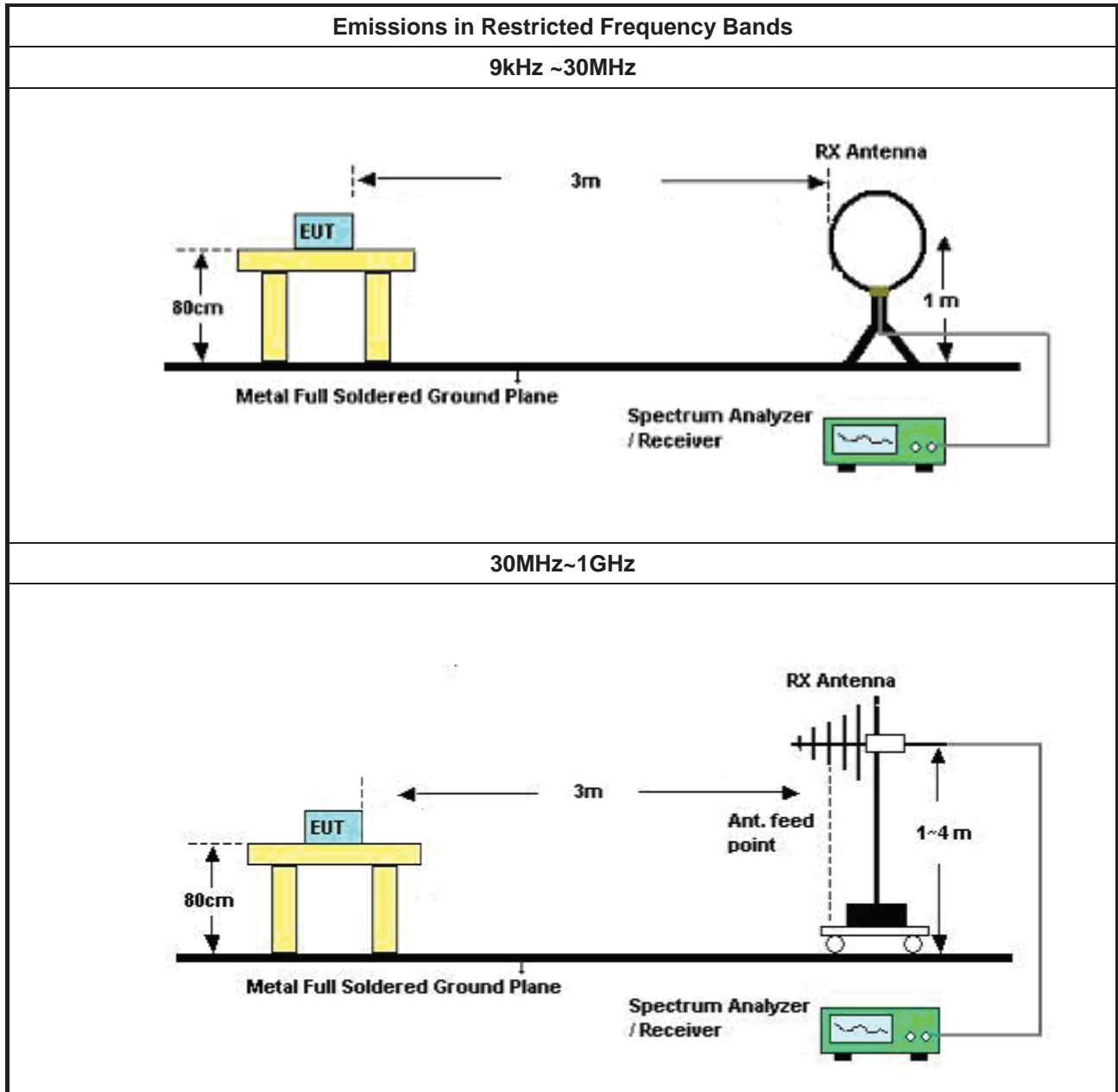
Refer a test equipment and calibration data table in this test report.

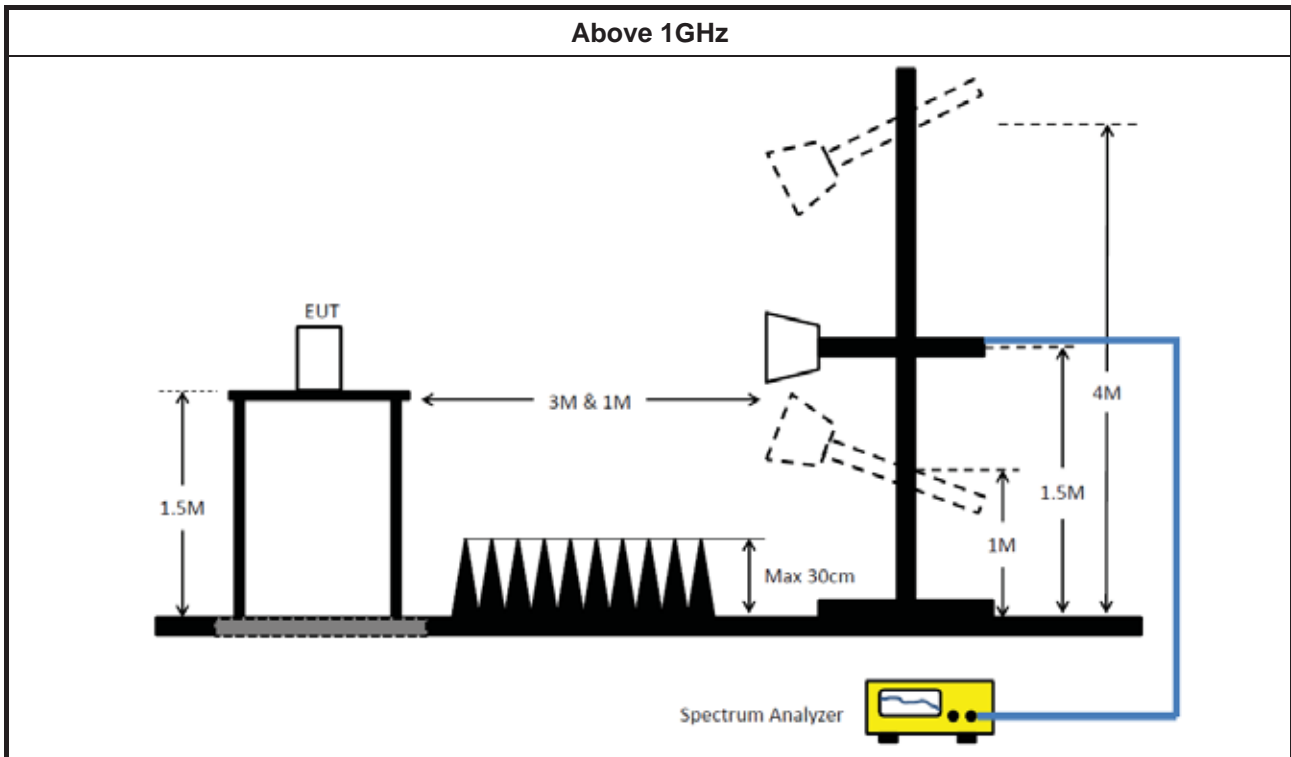


3.6.3 Test Procedures

| Test Method | |
|-------------|--|
| | <ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. |
| | <ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. |
| | <ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: |
| | <ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands. |
| | <ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below: |
| | <ul style="list-style-type: none"> Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below. |
| | <ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements. |
| | <ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels. |
| | <ul style="list-style-type: none"> Use the following spectrum analyzer settings: |
| | <ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold. |
| | <ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4. |
| | <ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. |
| | <ul style="list-style-type: none"> Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field. |
| | <ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result. |

3.6.4 Test Setup





3.6.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|--------------------------------------|--------------|-------------|------------|---------------------|------------------|----------------------|
| EMC Receiver | R&S | ESR3 | 102051 | 9kHz ~ 3.6GHz | 28/May/2019 | 27/May/2020 |
| LISN | R&S | ENV216 | 101295 | 9kHz ~ 30MHz | 04/Nov/2019 | 03/Nov/2020 |
| RF Cable-CON | MTJ | RG142 | CB002-CO | 9kHz ~ 200MHz | 12/Sep/2019 | 11/Sep/2020 |
| AC POWER | APC | AFC-11005G | F310050055 | 47Hz~63Hz 5~300V | NCR | NCR |
| Impuls Begrenzer Pulse Limiter | SCHWARZBECK | VTSD 9561-F | 9561-F041 | 9 kHz ~ 30 MHz | 24/Sep/2019 | 23/Sep/2020 |

NCR: Non-Calibration Require

Instrument for Conducted Test

| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|--------------------------------|--------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer | R&S | FSV40 | 101500 | 10Hz~40GHz | 15/Aug/2019 | 14/Aug/2020 |
| SMB100A Signal Generator | R&S | SMB100A03 | 181147 | 100kHz~40GHz | 12/Nov/2018 | 11/Nov/2020 |
| Power Sensor | Anritsu | MA2411B | 0917017 | 300MHz~40GHz | 17/Feb/2020 | 16/Feb/2021 |
| Power Meter | Anritsu | ML2495A | 0949003 | 300MHz~40GHz | 17/Feb/2020 | 16/Feb/2021 |
| Power Sensor | Anritsu | MA2411B | 0917017 | 300MHz~40GHz | 19/Feb/2019 | 18/Feb/2020 |
| Power Meter | Anritsu | ML2495A | 0949003 | 300MHz~40GHz | 19/Feb/2019 | 18/Feb/2020 |



Instrument for Radiated Test

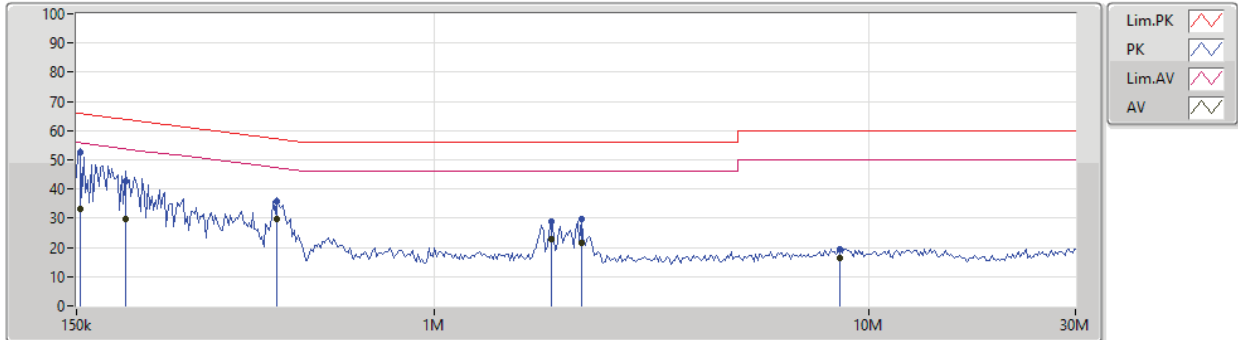
| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|----------------------------------|--------------|-----------------------|----------------------|----------------|------------------|----------------------|
| 3m Semi Anechoic Chamber | TDK | SAC-3M | 03CH09-HY | 30MHz ~ 1GHz | 27/Mar/2020 | 26/Mar/2021 |
| 3m Semi Anechoic Chamber | TDK | SAC-3M | 03CH09-HY | 30MHz ~ 1GHz | 20/Mar/2019 | 19/Mar/2020 |
| 3m Semi Anechoic Chamber | TDK | SAC-3M | 03CH09-HY | 1GHz ~ 18GHz | 19/Mar/2020 | 18/Mar/2021 |
| 3m Semi Anechoic Chamber | TDK | SAC-3M | 03CH09-HY | 1GHz ~ 18GHz | 20/Mar/2019 | 19/Mar/2020 |
| Microwave Preamplifier | Agilent | 8449B | 3008A02373 | 1GHz ~ 26.5GHz | 23/Oct/2019 | 22/Oct/2020 |
| Microwave Preamplifier | Agilent | 8449B | 3008A02096 | 1GHz ~ 26.5GHz | 03/Sep/2020 | 02/Sep/2021 |
| Amplifier | EMC | EMC9135 | 980232 | 9kHz~1GHz | 22/Apr/2019 | 21/Apr/2020 |
| Amplifier | EMC | EMC9135 | 980232 | 9kHz~1GHz | 14/Apr/2020 | 13/Apr/2021 |
| EMI Test Receiver | R&S | ESR3 | 102051 | 9kHz ~ 3.6GHz | 27/May/2020 | 26/May/2021 |
| EXA Signal Analyzer | KEYSIGHT | N9010A | MY54200885 | 10Hz ~ 44GHz | 07/Aug/2019 | 06/Aug/2020 |
| Bilog Antenna & 5dB Attenuator | TESEQ & MTJ | CBL6111D & MTJ6102-05 | 35418 / 3 | 30MHz~1GHz | 04/Oct/2018 | 03/Oct/2019 |
| Bilog Antenna & 5dB Attenuator | TESEQ & MTJ | CBL6111D & MTJ6102-05 | 35418 / 3 | 30MHz~1GHz | 11/Oct/2019 | 10/Oct/2020 |
| Double Ridged Guide Horn Antenna | SCHWARZBECK | BBHA 9120 D | BBHA9120 D 1534 | 1GHz~18GHz | 22/May/2019 | 21/May/2020 |
| Preamplifier | MITEQ | TTA1840-35-HG | 1864481 | 18GHz ~ 40GHz | 04/Aug/2020 | 03/Aug/2021 |
| Loop Antenna | TESEQ | HLA 6120 | 31244 | 9kHz-30MHz | 15/Mar/2019 | 14/Mar/2020 |
| Loop Antenna | TESEQ | HLA 6120 | 31244 | 9kHz-30MHz | 16/Mar/2020 | 15/Mar/2021 |
| RF Cable-R03m | Jye Bao | RG142 | CB031+324530/4 | 30MHz~1GHz | 13/Mar/2019 | 12/Mar/2020 |
| RF Cable-R03m | Jye Bao | RG142 | CB031+324530/4 | 30MHz~1GHz | 12/Feb/2020 | 11/Feb/2021 |
| RF Cable-R03m | HUBER+SUHNER | SUCOFLEX104 | SN 556626/4 + 556627 | 1GHz ~ 40GHz | 13/Mar/2019 | 12/Mar/2020 |
| RF Cable-R03m | HUBER+SUHNER | SUCOFLEX104 | SN 556626/4 + 556627 | 1GHz ~ 40GHz | 12/Feb/2020 | 11/Feb/2021 |



AC Power-line Conducted Emissions Result

| | | | |
|--------------------|-----------------------------|-------------|---------|
| Operating Mode | 1 | Power Phase | Neutral |
| Operating Function | Adapter mode ; WIFI 2.4G TX | | |

06/05/2020



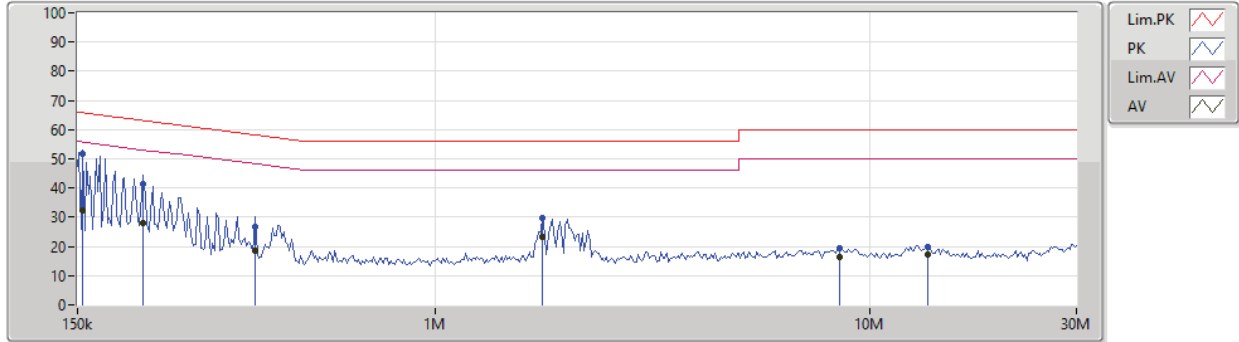
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP | 153.015k | 52.44 | 65.83 | -13.39 | 19.63 | Neutral | "Worst" | 32.81 | 9.65 | 0.11 | 9.87 |
| AV | 153.015k | 33.28 | 55.83 | -22.55 | 19.63 | Neutral | - | 13.65 | 9.65 | 0.11 | 9.87 |
| QP | 194.288k | 42.70 | 63.86 | -21.16 | 19.62 | Neutral | - | 23.08 | 9.64 | 0.11 | 9.87 |
| AV | 194.288k | 29.61 | 53.86 | -24.25 | 19.62 | Neutral | - | 9.99 | 9.64 | 0.11 | 9.87 |
| QP | 434.989k | 35.68 | 57.17 | -21.49 | 19.63 | Neutral | - | 16.05 | 9.63 | 0.13 | 9.87 |
| AV | 434.989k | 29.88 | 47.17 | -17.29 | 19.63 | Neutral | - | 10.25 | 9.63 | 0.13 | 9.87 |
| QP | 1.86M | 28.94 | 56.00 | -27.06 | 19.66 | Neutral | - | 9.28 | 9.65 | 0.14 | 9.87 |
| AV | 1.86M | 22.70 | 46.00 | -23.30 | 19.66 | Neutral | - | 3.04 | 9.65 | 0.14 | 9.87 |
| QP | 2.18M | 29.62 | 56.00 | -26.38 | 19.67 | Neutral | - | 9.95 | 9.65 | 0.15 | 9.87 |
| AV | 2.18M | 21.34 | 46.00 | -24.66 | 19.67 | Neutral | - | 1.67 | 9.65 | 0.15 | 9.87 |
| QP | 8.608M | 19.52 | 60.00 | -40.48 | 19.82 | Neutral | - | -0.30 | 9.69 | 0.25 | 9.88 |
| AV | 8.608M | 16.49 | 50.00 | -33.51 | 19.82 | Neutral | - | -3.33 | 9.69 | 0.25 | 9.88 |



AC Power-line Conducted Emissions Result

| | | | |
|--------------------|-----------------------------|-------------|------|
| Operating Mode | 1 | Power Phase | Line |
| Operating Function | Adapter mode ; WIFI 2.4G TX | | |

06/05/2020



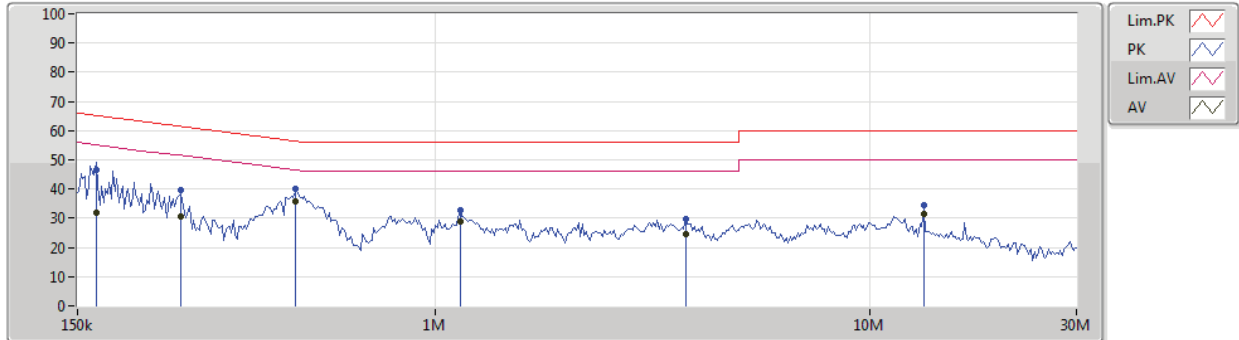
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP | 154.545k | 51.90 | 65.75 | -13.85 | 19.64 | Line | "Worst" | 32.26 | 9.66 | 0.11 | 9.87 |
| AV | 154.545k | 32.21 | 55.75 | -23.54 | 19.64 | Line | - | 12.57 | 9.66 | 0.11 | 9.87 |
| QP | 212.49k | 41.28 | 63.11 | -21.83 | 19.63 | Line | - | 21.65 | 9.65 | 0.11 | 9.87 |
| AV | 212.49k | 27.90 | 53.11 | -25.21 | 19.63 | Line | - | 8.27 | 9.65 | 0.11 | 9.87 |
| QP | 386.031k | 26.65 | 58.14 | -31.49 | 19.64 | Line | - | 7.01 | 9.64 | 0.13 | 9.87 |
| AV | 386.031k | 18.42 | 48.14 | -29.72 | 19.64 | Line | - | -1.22 | 9.64 | 0.13 | 9.87 |
| QP | 1.769M | 29.60 | 56.00 | -26.40 | 19.66 | Line | - | 9.94 | 9.65 | 0.14 | 9.87 |
| AV | 1.769M | 23.18 | 46.00 | -22.82 | 19.66 | Line | - | 3.52 | 9.65 | 0.14 | 9.87 |
| QP | 8.523M | 19.27 | 60.00 | -40.73 | 19.81 | Line | - | -0.54 | 9.68 | 0.25 | 9.88 |
| AV | 8.523M | 16.37 | 50.00 | -33.63 | 19.81 | Line | - | -3.44 | 9.68 | 0.25 | 9.88 |
| QP | 13.604M | 19.94 | 60.00 | -40.06 | 19.85 | Line | - | 0.09 | 9.67 | 0.30 | 9.88 |
| AV | 13.604M | 17.04 | 50.00 | -32.96 | 19.85 | Line | - | -2.81 | 9.67 | 0.30 | 9.88 |



AC Power-line Conducted Emissions Result

| | | | |
|--------------------|----------------------------------|-------------|---------|
| Operating Mode | 1 | Power Phase | Neutral |
| Operating Function | AC Adapter mode ;WIFI 2.4G-BF TX | | |

06/05/2020



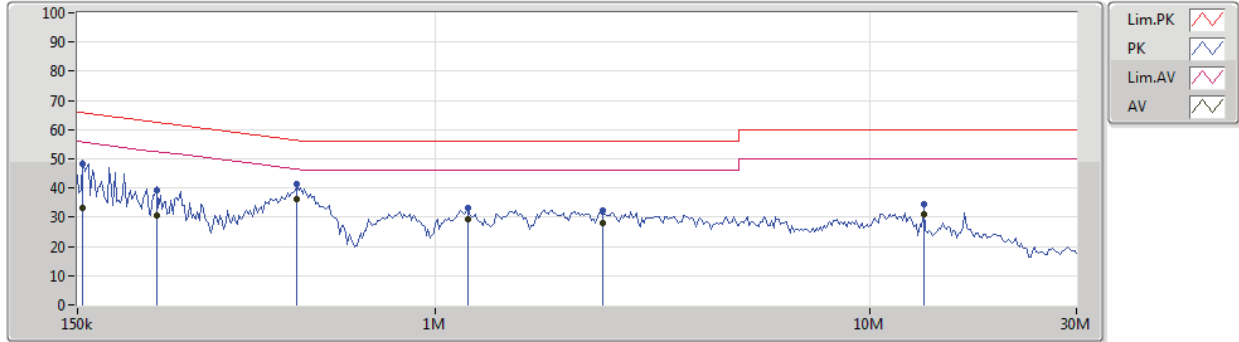
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP | 165.693k | 46.54 | 65.18 | -18.64 | 19.63 | Neutral | - | 26.91 | 9.65 | 0.11 | 9.87 |
| AV | 165.693k | 32.09 | 55.18 | -23.09 | 19.63 | Neutral | - | 12.46 | 9.65 | 0.11 | 9.87 |
| QP | 259.279k | 39.72 | 61.45 | -21.73 | 19.63 | Neutral | - | 20.09 | 9.64 | 0.12 | 9.87 |
| AV | 259.279k | 30.60 | 51.45 | -20.85 | 19.63 | Neutral | - | 10.97 | 9.64 | 0.12 | 9.87 |
| QP | 475.741k | 40.05 | 56.42 | -16.37 | 19.63 | Neutral | - | 20.42 | 9.63 | 0.13 | 9.87 |
| AV | 475.741k | 35.60 | 46.42 | -10.82 | 19.63 | Neutral | "Worst" | 15.97 | 9.63 | 0.13 | 9.87 |
| QP | 1.142M | 32.61 | 56.00 | -23.39 | 19.63 | Neutral | - | 12.98 | 9.63 | 0.12 | 9.88 |
| AV | 1.142M | 28.91 | 46.00 | -17.09 | 19.63 | Neutral | - | 9.28 | 9.63 | 0.12 | 9.88 |
| QP | 3.769M | 29.94 | 56.00 | -26.06 | 19.72 | Neutral | - | 10.22 | 9.66 | 0.18 | 9.88 |
| AV | 3.769M | 24.78 | 46.00 | -21.22 | 19.72 | Neutral | - | 5.06 | 9.66 | 0.18 | 9.88 |
| QP | 13.336M | 34.60 | 60.00 | -25.40 | 19.89 | Neutral | - | 14.71 | 9.71 | 0.30 | 9.88 |
| AV | 13.336M | 31.45 | 50.00 | -18.55 | 19.89 | Neutral | - | 11.56 | 9.71 | 0.30 | 9.88 |



AC Power-line Conducted Emissions Result

| | | | |
|--------------------|----------------------------------|-------------|------|
| Operating Mode | 1 | Power Phase | Line |
| Operating Function | AC Adapter mode ;WIFI 2.4G-BF TX | | |

06/05/2020



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP | 154.545k | 48.19 | 65.75 | -17.56 | 19.64 | Line | - | 28.55 | 9.66 | 0.11 | 9.87 |
| AV | 154.545k | 33.31 | 55.75 | -22.44 | 19.64 | Line | - | 13.67 | 9.66 | 0.11 | 9.87 |
| QP | 227.818k | 39.14 | 62.52 | -23.38 | 19.64 | Line | - | 19.50 | 9.65 | 0.12 | 9.87 |
| AV | 227.818k | 30.73 | 52.52 | -21.79 | 19.64 | Line | - | 11.09 | 9.65 | 0.12 | 9.87 |
| QP | 480.498k | 41.24 | 56.33 | -15.09 | 19.64 | Line | - | 21.60 | 9.64 | 0.13 | 9.87 |
| AV | 480.498k | 36.39 | 46.33 | -9.94 | 19.64 | Line | "Worst" | 16.75 | 9.64 | 0.13 | 9.87 |
| QP | 1.188M | 33.03 | 56.00 | -22.97 | 19.64 | Line | - | 13.39 | 9.64 | 0.12 | 9.88 |
| AV | 1.188M | 29.41 | 46.00 | -16.59 | 19.64 | Line | - | 9.77 | 9.64 | 0.12 | 9.88 |
| QP | 2.433M | 32.14 | 56.00 | -23.86 | 19.68 | Line | - | 12.46 | 9.65 | 0.16 | 9.87 |
| AV | 2.433M | 27.83 | 46.00 | -18.17 | 19.68 | Line | - | 8.15 | 9.65 | 0.16 | 9.87 |
| QP | 13.336M | 34.54 | 60.00 | -25.46 | 19.85 | Line | - | 14.69 | 9.67 | 0.30 | 9.88 |
| AV | 13.336M | 31.21 | 50.00 | -18.79 | 19.85 | Line | - | 11.36 | 9.67 | 0.30 | 9.88 |



Summary

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 2.4-2.4835GHz | - | - | - | - | - |
| 802.11b_Nss1,(1Mbps)_4TX | 8.05M | 13.093M | 13M1G1D | 7.1M | 12.754M |
| 802.11g_Nss1,(6Mbps)_4TX | 16.3M | 16.442M | 16M4D1D | 15.9M | 16.392M |
| VHT20_Nss1,(MCS0)_4TX | 17.55M | 17.666M | 17M7D1D | 16.875M | 17.566M |
| VHT40_Nss1,(MCS0)_4TX | 36.3M | 36.182M | 36M2D1D | 34M | 35.982M |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 18.95M | 18.966M | 19MOD1D | 18.175M | 18.891M |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 38.1M | 37.881M | 37M9D1D | 36.8M | 37.681M |

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

| Mode | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11b_Nss1,(1Mbps)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 8.025M | 12.794M | 8.025M | 12.754M | 8.025M | 12.754M | 8M | 12.754M |
| 2437MHz | Pass | 500k | 8.025M | 12.844M | 8M | 12.819M | 7.575M | 12.869M | 7.55M | 12.869M |
| 2462MHz | Pass | 500k | 7.525M | 13.013M | 7.525M | 13.013M | 7.1M | 13.053M | 8.05M | 13.093M |
| 802.11g_Nss1,(6Mbps)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 16.05M | 16.417M | 16.05M | 16.392M | 16.3M | 16.392M | 16.3M | 16.417M |
| 2437MHz | Pass | 500k | 15.9M | 16.392M | 16.3M | 16.392M | 16.275M | 16.417M | 16.3M | 16.392M |
| 2462MHz | Pass | 500k | 16.025M | 16.392M | 16.05M | 16.442M | 16.3M | 16.442M | 16.3M | 16.417M |
| VHT20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 16.875M | 17.591M | 17.525M | 17.616M | 16.875M | 17.591M | 17.525M | 17.591M |
| 2437MHz | Pass | 500k | 17.125M | 17.616M | 17.3M | 17.591M | 17.5M | 17.566M | 17.525M | 17.616M |
| 2462MHz | Pass | 500k | 17.25M | 17.591M | 17.55M | 17.666M | 16.875M | 17.616M | 17.525M | 17.666M |
| VHT40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 500k | 35.7M | 36.082M | 35.95M | 36.132M | 35.55M | 36.132M | 36.3M | 36.132M |
| 2437MHz | Pass | 500k | 34M | 36.082M | 35M | 36.082M | 36.3M | 36.182M | 35.05M | 36.082M |
| 2452MHz | Pass | 500k | 35.65M | 36.182M | 35.65M | 36.082M | 35.9M | 36.132M | 35.7M | 35.982M |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 18.725M | 18.941M | 18.775M | 18.966M | 18.175M | 18.891M | 18.55M | 18.941M |
| 2437MHz | Pass | 500k | 18.775M | 18.916M | 18.625M | 18.941M | 18.375M | 18.916M | 18.625M | 18.916M |
| 2462MHz | Pass | 500k | 18.425M | 18.941M | 18.95M | 18.941M | 18.6M | 18.941M | 18.775M | 18.966M |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 500k | 37.9M | 37.731M | 38.1M | 37.781M | 37.8M | 37.781M | 37.55M | 37.881M |
| 2437MHz | Pass | 500k | 37.65M | 37.681M | 38M | 37.681M | 37.15M | 37.731M | 36.8M | 37.731M |
| 2452MHz | Pass | 500k | 36.9M | 37.681M | 37.35M | 37.681M | 37.5M | 37.781M | 37.5M | 37.731M |

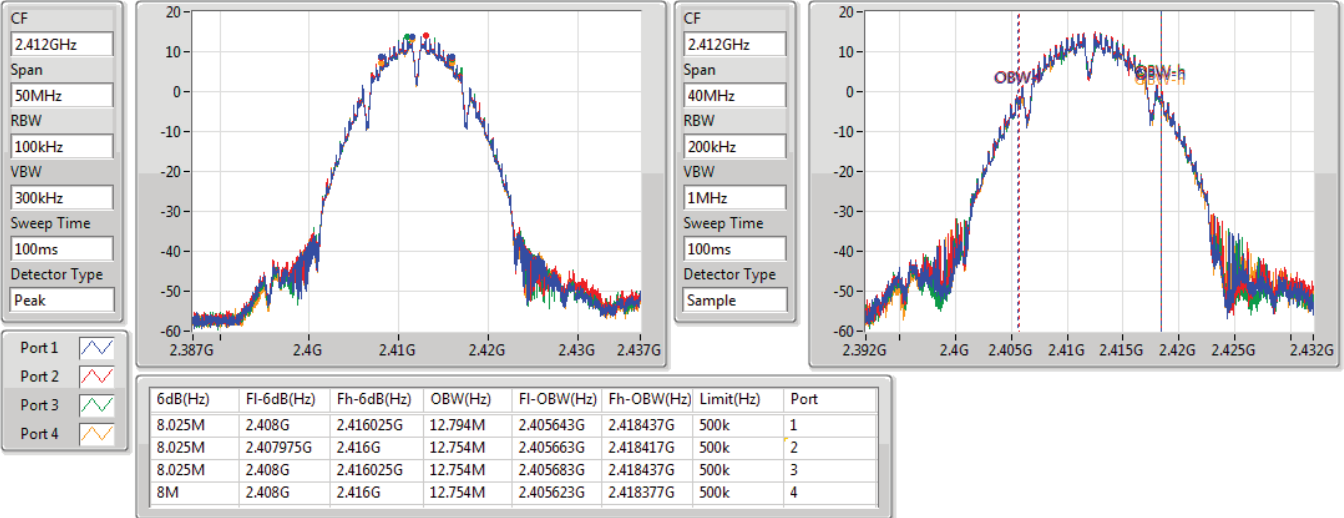
Port X-N dB = Port X 6dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

12/05/2020

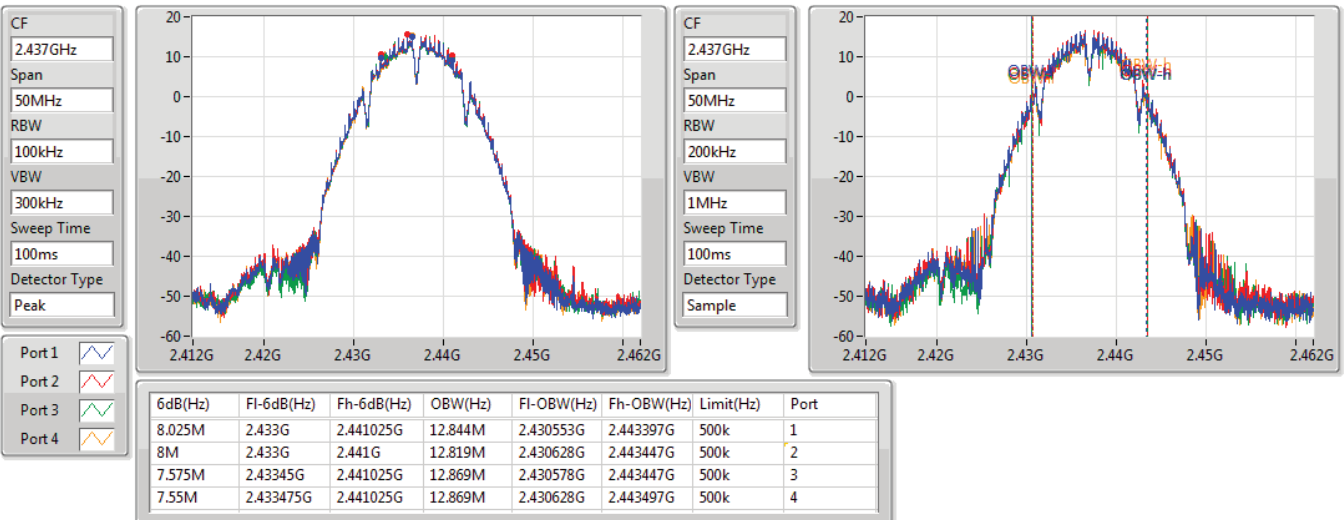


802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

08/05/2020



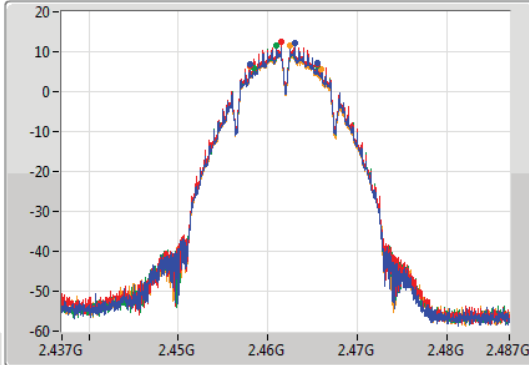
802.11b_Nss1,(1Mbps)_4TX

EBW

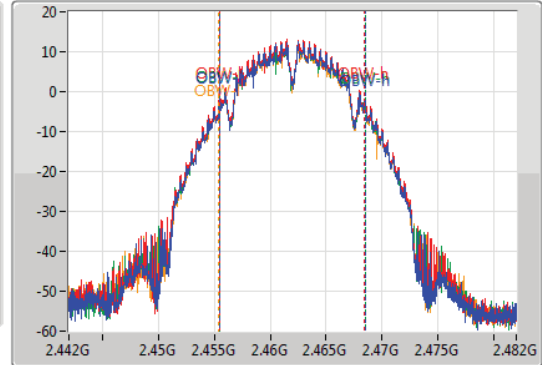
2462MHz

12/05/2020

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 7.525M | 2.458G | 2.465525G | 13.013M | 2.455463G | 2.468477G | 500k | 1 |
| 7.525M | 2.458G | 2.465525G | 13.013M | 2.455443G | 2.468457G | 500k | 2 |
| 7.1M | 2.45845G | 2.46555G | 13.053M | 2.455443G | 2.468497G | 500k | 3 |
| 8.05M | 2.457975G | 2.466025G | 13.093M | 2.455383G | 2.468477G | 500k | 4 |

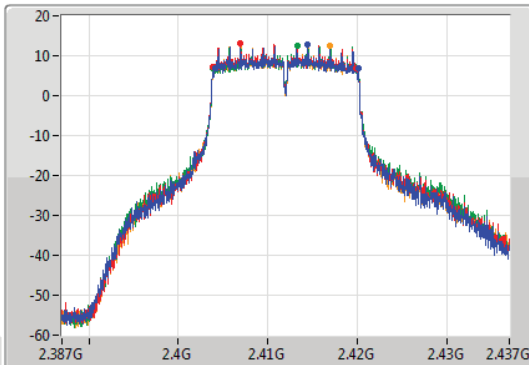
802.11g_Nss1,(6Mbps)_4TX

EBW

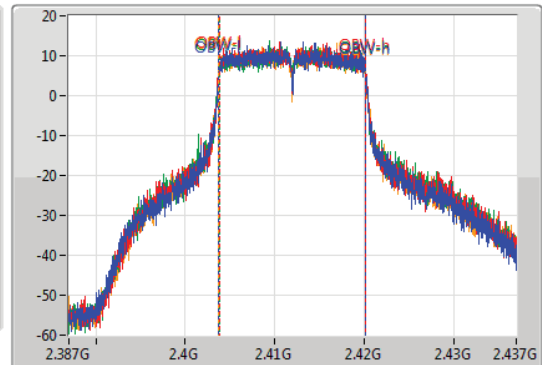
2412MHz

08/05/2020

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.05M | 2.404075G | 2.420125G | 16.417M | 2.403779G | 2.420196G | 500k | 1 |
| 16.05M | 2.40385G | 2.4199G | 16.392M | 2.403804G | 2.420196G | 500k | 2 |
| 16.3M | 2.40385G | 2.42015G | 16.392M | 2.403804G | 2.420196G | 500k | 3 |
| 16.3M | 2.40385G | 2.42015G | 16.417M | 2.403779G | 2.420196G | 500k | 4 |

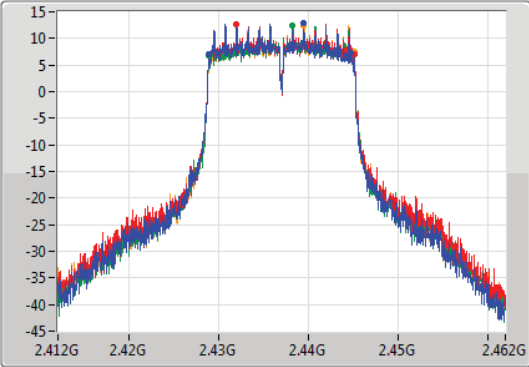
802.11g_Nss1,(6Mbps)_4TX

EBW

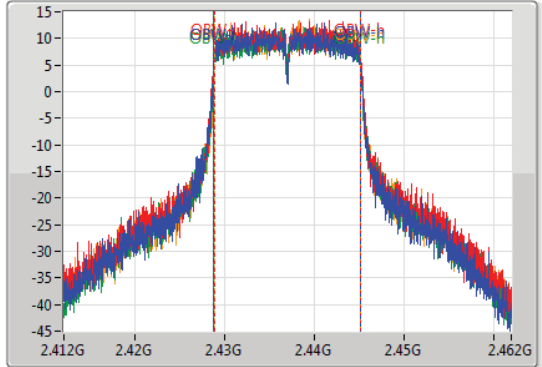
2437MHz

08/05/2020

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 15.9M | 2.42885G | 2.44475G | 16.392M | 2.428779G | 2.445171G | 500k | 1 |
| 16.3M | 2.42885G | 2.44515G | 16.392M | 2.428804G | 2.445196G | 500k | 2 |
| 16.275M | 2.428875G | 2.44515G | 16.417M | 2.428779G | 2.445196G | 500k | 3 |
| 16.3M | 2.42885G | 2.44515G | 16.392M | 2.428804G | 2.445196G | 500k | 4 |

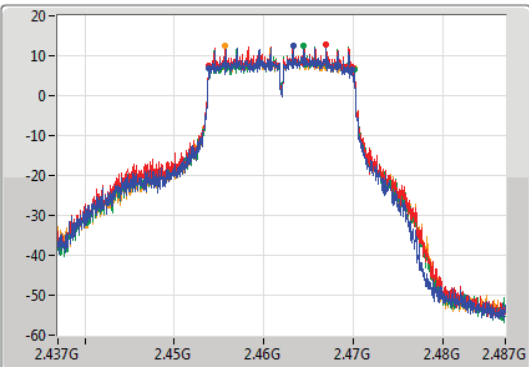
802.11g_Nss1,(6Mbps)_4TX

EBW

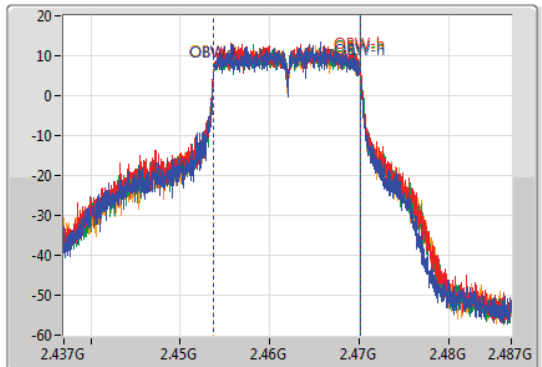
2462MHz

08/05/2020

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.025M | 2.45385G | 2.469875G | 16.392M | 2.453754G | 2.470146G | 500k | 1 |
| 16.05M | 2.45385G | 2.4699G | 16.442M | 2.453729G | 2.470171G | 500k | 2 |
| 16.3M | 2.45385G | 2.47015G | 16.442M | 2.453754G | 2.470196G | 500k | 3 |
| 16.3M | 2.45385G | 2.47015G | 16.417M | 2.453754G | 2.470171G | 500k | 4 |



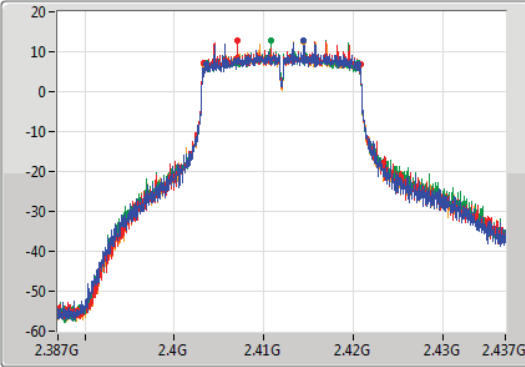
VHT20_Nss1,(MCS0)_4TX

EBW

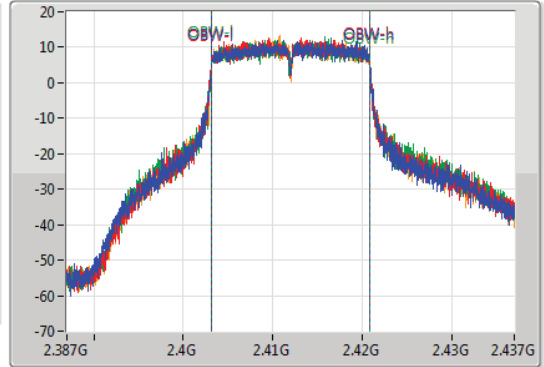
2412MHz

08/05/2020

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.875M | 2.403625G | 2.4205G | 17.591M | 2.403204G | 2.420796G | 500k | 1 |
| 17.525M | 2.40325G | 2.420775G | 17.616M | 2.403179G | 2.420796G | 500k | 2 |
| 16.875M | 2.403625G | 2.4205G | 17.591M | 2.403204G | 2.420796G | 500k | 3 |
| 17.525M | 2.40325G | 2.420775G | 17.591M | 2.403204G | 2.420796G | 500k | 4 |

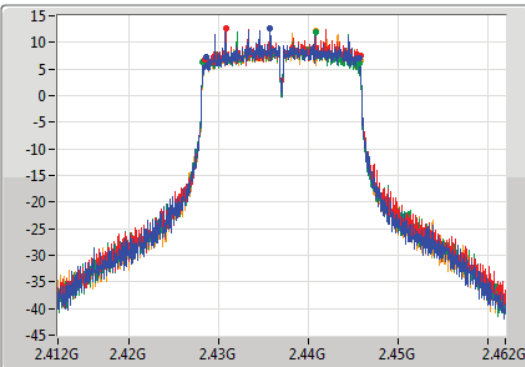
VHT20_Nss1,(MCS0)_4TX

EBW

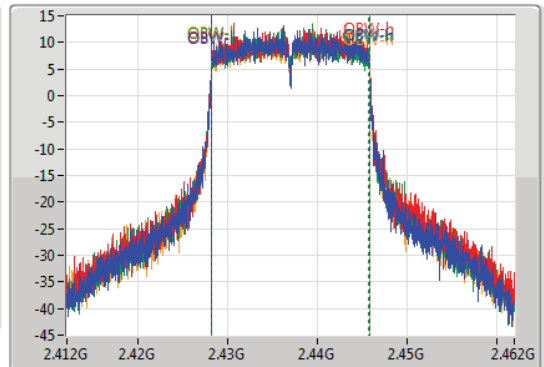
2437MHz

08/05/2020

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.125M | 2.428625G | 2.44575G | 17.616M | 2.428179G | 2.445796G | 500k | 1 |
| 17.3M | 2.428475G | 2.445775G | 17.591M | 2.428204G | 2.445796G | 500k | 2 |
| 17.5M | 2.428225G | 2.445725G | 17.566M | 2.428204G | 2.445771G | 500k | 3 |
| 17.525M | 2.42825G | 2.445775G | 17.616M | 2.428204G | 2.445821G | 500k | 4 |

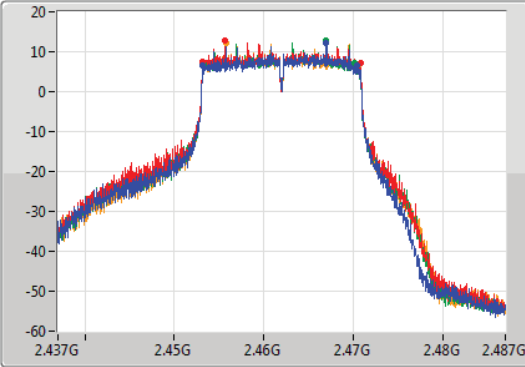
VHT20_Nss1,(MCS0)_4TX

EBW

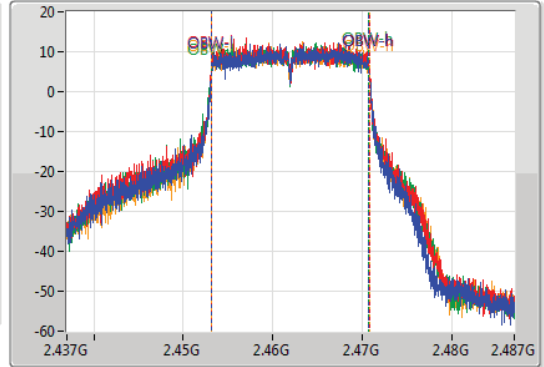
2462MHz

08/05/2020

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.25M | 2.453225G | 2.470475G | 17.591M | 2.453154G | 2.470746G | 500k | 1 |
| 17.55M | 2.453225G | 2.470775G | 17.666M | 2.453129G | 2.470796G | 500k | 2 |
| 16.875M | 2.45325G | 2.470125G | 17.616M | 2.453129G | 2.470746G | 500k | 3 |
| 17.525M | 2.453225G | 2.47075G | 17.666M | 2.453129G | 2.470796G | 500k | 4 |

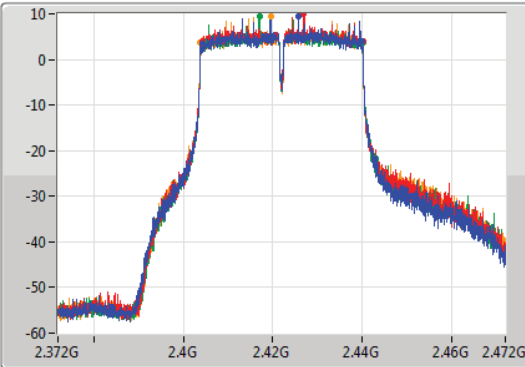
VHT40_Nss1,(MCS0)_4TX

EBW

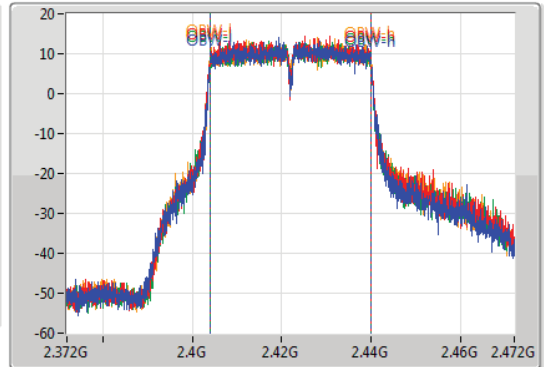
2422MHz

08/05/2020

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.422GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.7M | 2.4042G | 2.4399G | 36.082M | 2.403959G | 2.440041G | 500k | 1 |
| 35.95M | 2.4042G | 2.44015G | 36.132M | 2.403909G | 2.440041G | 500k | 2 |
| 35.55M | 2.4046G | 2.44015G | 36.132M | 2.403909G | 2.440041G | 500k | 3 |
| 36.3M | 2.40385G | 2.44015G | 36.132M | 2.403909G | 2.440041G | 500k | 4 |

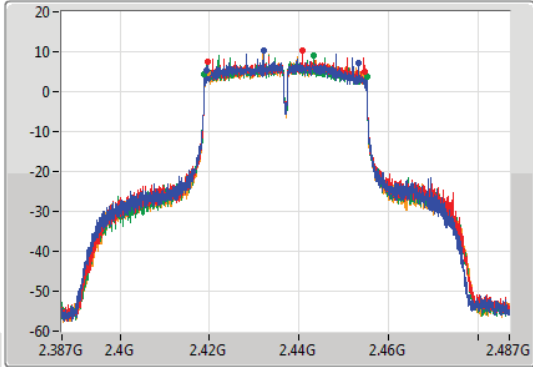
VHT40_Nss1,(MCS0)_4TX

EBW

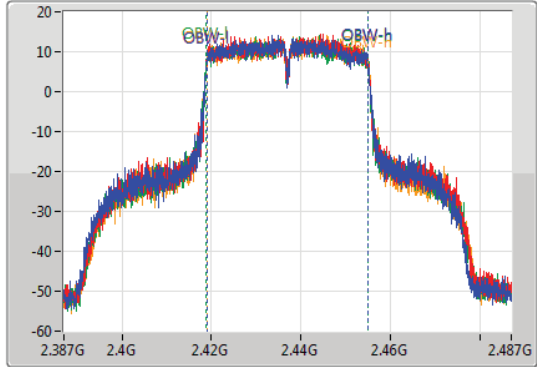
2437MHz

08/05/2020

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 34M | 2.41925G | 2.45325G | 36.082M | 2.418909G | 2.454991G | 500k | 1 |
| 35M | 2.41955G | 2.45455G | 36.082M | 2.418959G | 2.455041G | 500k | 2 |
| 36.3M | 2.41885G | 2.45515G | 36.182M | 2.418859G | 2.455041G | 500k | 3 |
| 35.05M | 2.4195G | 2.45455G | 36.082M | 2.418909G | 2.454991G | 500k | 4 |

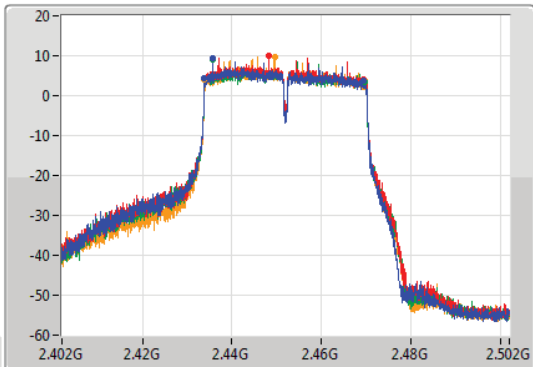
VHT40_Nss1,(MCS0)_4TX

EBW

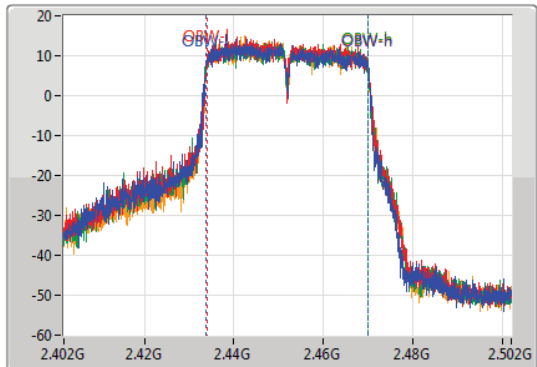
2452MHz

08/05/2020

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.65M | 2.43385G | 2.4695G | 36.182M | 2.433809G | 2.469991G | 500k | 1 |
| 35.65M | 2.43385G | 2.4695G | 36.082M | 2.433909G | 2.469991G | 500k | 2 |
| 35.9M | 2.43385G | 2.46975G | 36.132M | 2.433809G | 2.469941G | 500k | 3 |
| 35.7M | 2.43385G | 2.46955G | 35.982M | 2.433959G | 2.469941G | 500k | 4 |

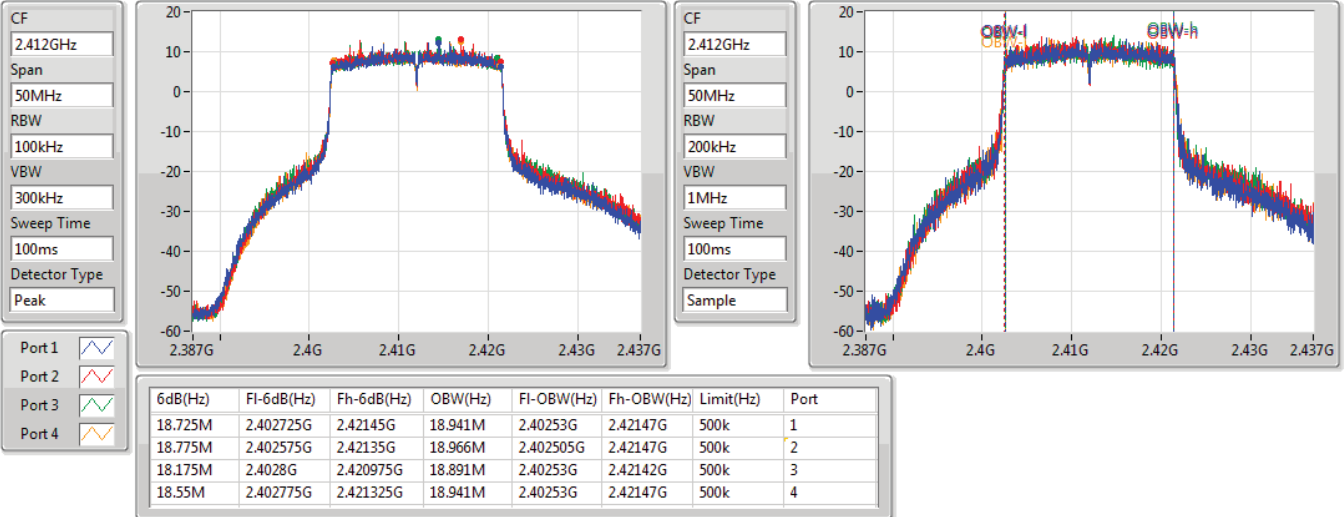


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2412MHz

08/05/2020

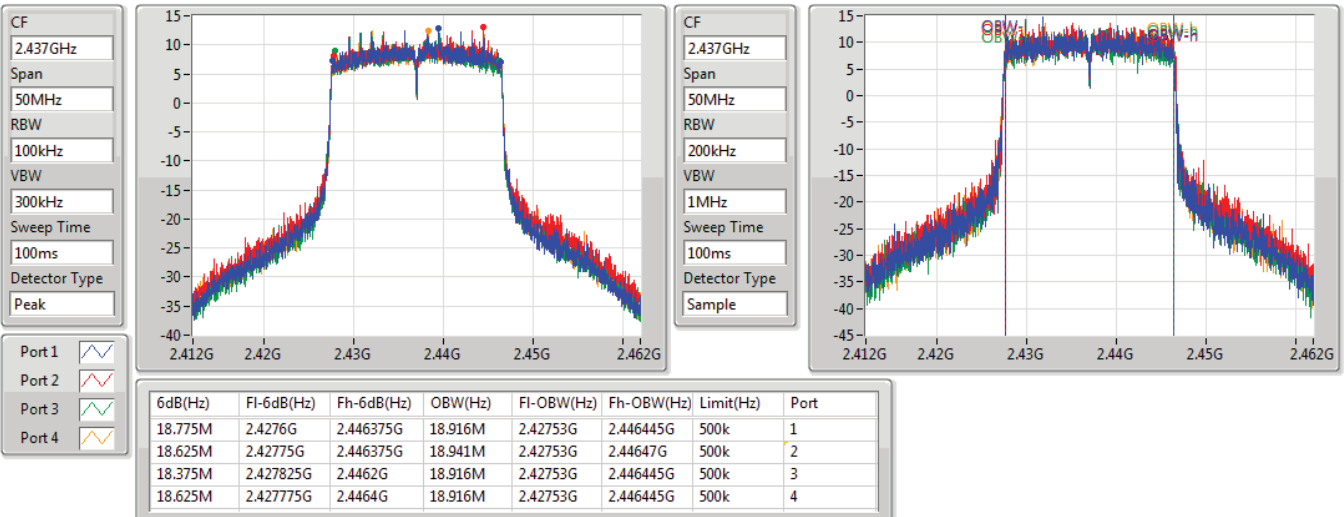


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2437MHz

08/05/2020

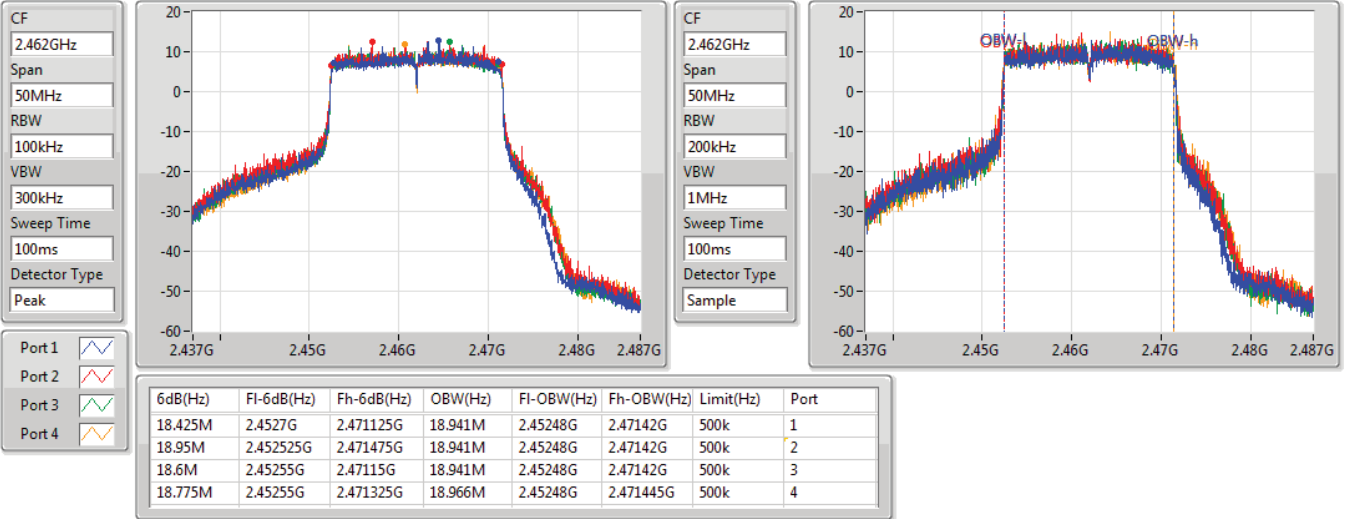


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2462MHz

08/05/2020

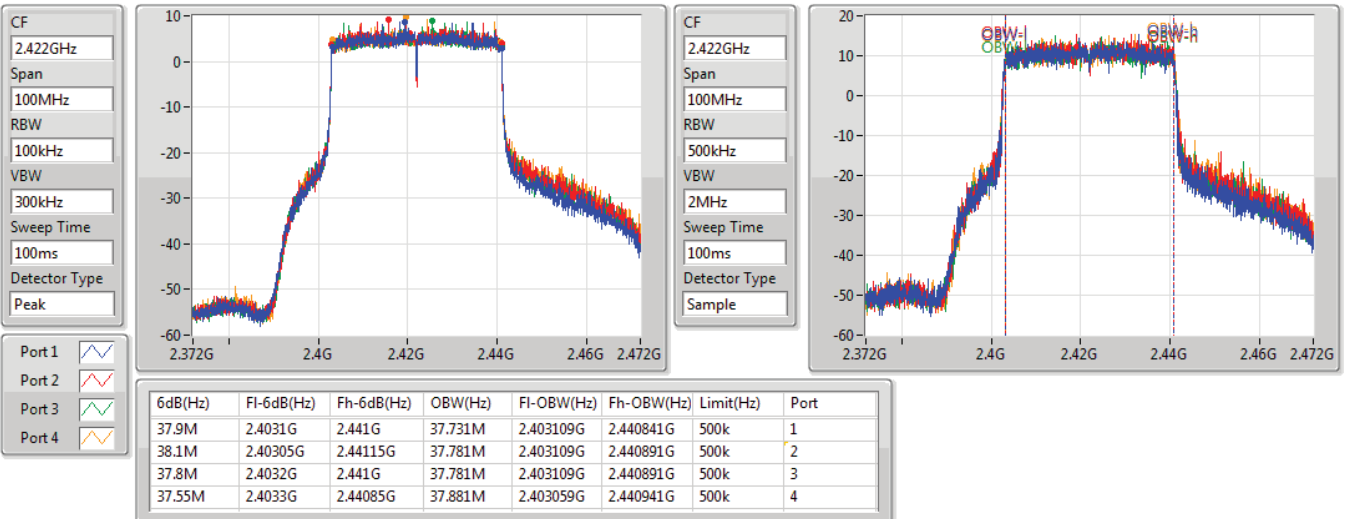


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

08/05/2020



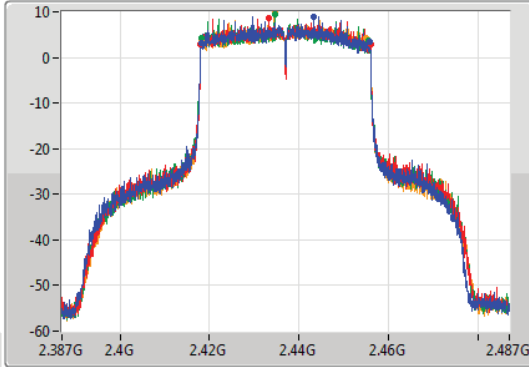
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

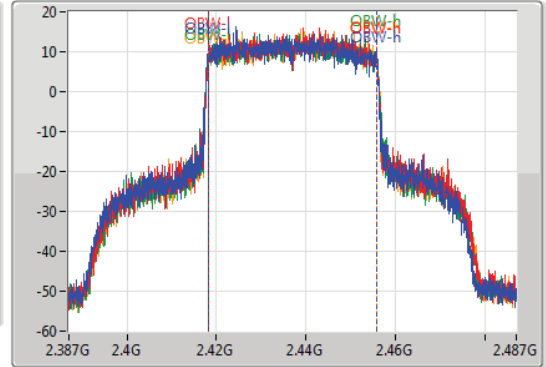
2437MHz

08/05/2020

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 37.65M | 2.41815G | 2.4558G | 37.681M | 2.418059G | 2.455741G | 500k | 1 |
| 38M | 2.418G | 2.456G | 37.681M | 2.418109G | 2.455791G | 500k | 2 |
| 37.15M | 2.4183G | 2.45545G | 37.731M | 2.418059G | 2.455791G | 500k | 3 |
| 36.8M | 2.4182G | 2.455G | 37.731M | 2.418109G | 2.455841G | 500k | 4 |

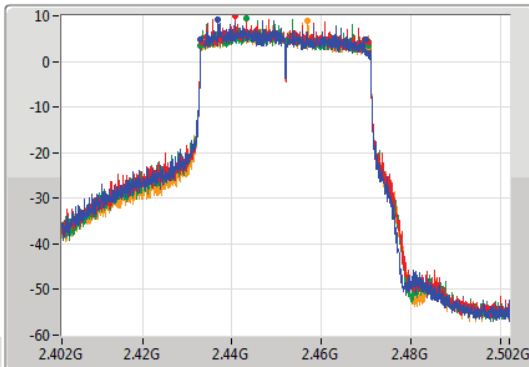
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

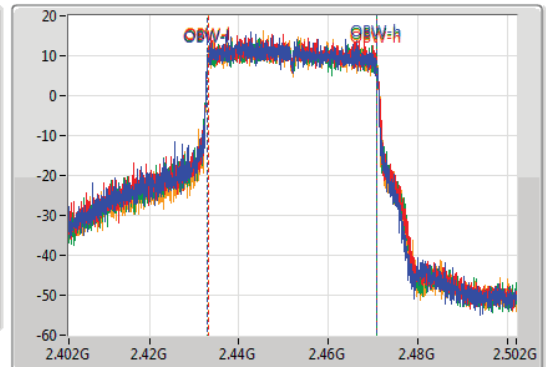
2452MHz

08/05/2020

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 36.9M | 2.433G | 2.4699G | 37.681M | 2.433009G | 2.470691G | 500k | 1 |
| 37.35M | 2.4331G | 2.47045G | 37.681M | 2.433059G | 2.470741G | 500k | 2 |
| 37.5M | 2.43305G | 2.47055G | 37.781M | 2.433009G | 2.470791G | 500k | 3 |
| 37.5M | 2.4331G | 2.4706G | 37.731M | 2.433059G | 2.470791G | 500k | 4 |



Summary

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|-----------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 2.4-2.4835GHz | - | - | - | - | - |
| VHT20-BF_Nss1,(MCS0)_4TX | 17.55M | 17.651M | 17M7D1D | 16.425M | 17.531M |
| VHT40-BF_Nss1,(MCS0)_4TX | 36.15M | 36.142M | 36M1D1D | 32.55M | 36.022M |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 18.925M | 18.951M | 19M0D1D | 18.225M | 18.871M |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 37.85M | 37.781M | 37M8D1D | 31.3M | 37.621M |

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

| Mode | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|-----------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| VHT20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 17.15M | 17.571M | 16.9M | 17.571M | 16.675M | 17.531M | 17.175M | 17.571M |
| 2437MHz | Pass | 500k | 17.5M | 17.631M | 17.375M | 17.611M | 17.225M | 17.571M | 17.1M | 17.591M |
| 2462MHz | Pass | 500k | 17.1M | 17.631M | 17.4M | 17.651M | 16.425M | 17.611M | 17.55M | 17.631M |
| VHT40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 500k | 32.55M | 36.102M | 35.4M | 36.062M | 32.8M | 36.102M | 35.65M | 36.142M |
| 2437MHz | Pass | 500k | 35.75M | 36.062M | 36.15M | 36.102M | 35.85M | 36.102M | 35.7M | 36.142M |
| 2452MHz | Pass | 500k | 34.2M | 36.022M | 35.7M | 36.022M | 35.35M | 36.022M | 35.35M | 36.102M |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 500k | 18.45M | 18.891M | 18.525M | 18.911M | 18.575M | 18.871M | 18.75M | 18.891M |
| 2437MHz | Pass | 500k | 18.8M | 18.891M | 18.225M | 18.911M | 18.575M | 18.871M | 18.85M | 18.891M |
| 2462MHz | Pass | 500k | 18.6M | 18.951M | 18.85M | 18.911M | 18.925M | 18.911M | 18.75M | 18.931M |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 500k | 37.35M | 37.741M | 37.85M | 37.781M | 31.3M | 37.621M | 37.65M | 37.701M |
| 2437MHz | Pass | 500k | 35.1M | 37.701M | 37.65M | 37.701M | 36.3M | 37.701M | 37.55M | 37.661M |
| 2452MHz | Pass | 500k | 36.5M | 37.621M | 35.05M | 37.781M | 37.7M | 37.701M | 36.05M | 37.661M |

Port X-N dB = Port X 6dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

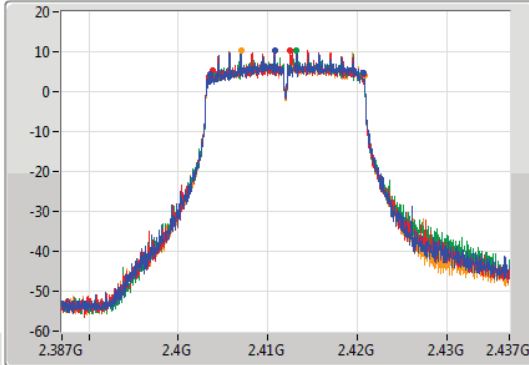
VHT20-BF_Nss1,(MCS0)_4TX

EBW

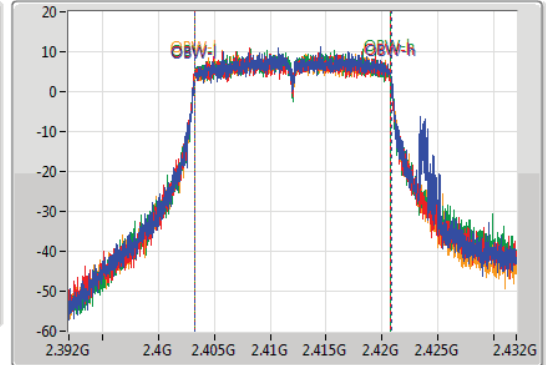
2412MHz

14/05/2020

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.15M | 2.4036G | 2.42075G | 17.571M | 2.403244G | 2.420816G | 500k | 1 |
| 16.9M | 2.40385G | 2.42075G | 17.571M | 2.403204G | 2.420776G | 500k | 2 |
| 16.675M | 2.40385G | 2.420525G | 17.531M | 2.403224G | 2.420756G | 500k | 3 |
| 17.175M | 2.4036G | 2.420775G | 17.571M | 2.403224G | 2.420796G | 500k | 4 |

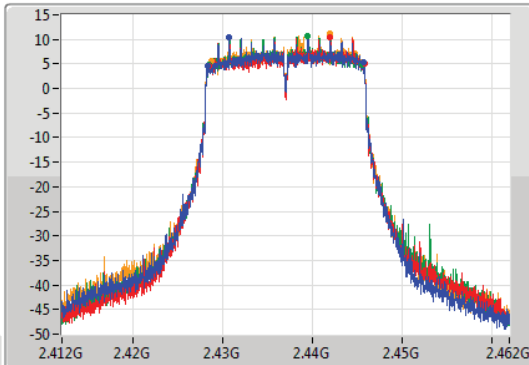
VHT20-BF_Nss1,(MCS0)_4TX

EBW

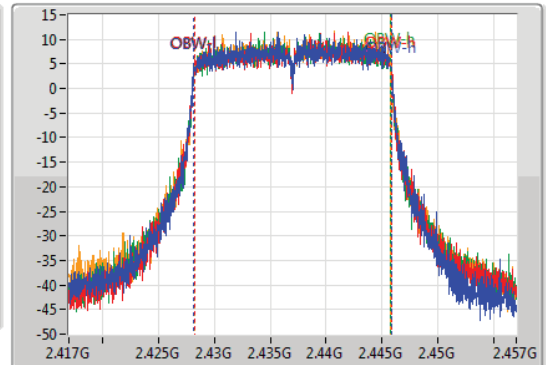
2437MHz

14/05/2020

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.5M | 2.42825G | 2.44575G | 17.631M | 2.428184G | 2.445816G | 500k | 1 |
| 17.375M | 2.4284G | 2.445775G | 17.611M | 2.428204G | 2.445816G | 500k | 2 |
| 17.225M | 2.4284G | 2.445625G | 17.571M | 2.428204G | 2.445776G | 500k | 3 |
| 17.1M | 2.42865G | 2.44575G | 17.591M | 2.428204G | 2.445796G | 500k | 4 |

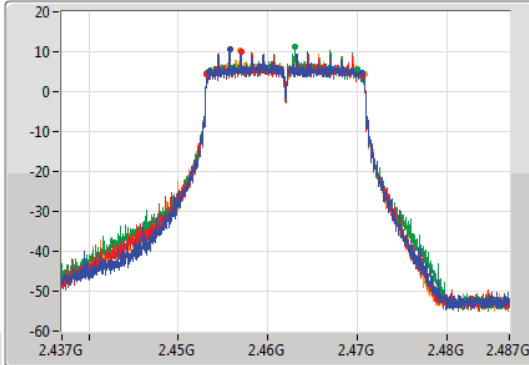
VHT20-BF_Nss1,(MCS0)_4TX

EBW

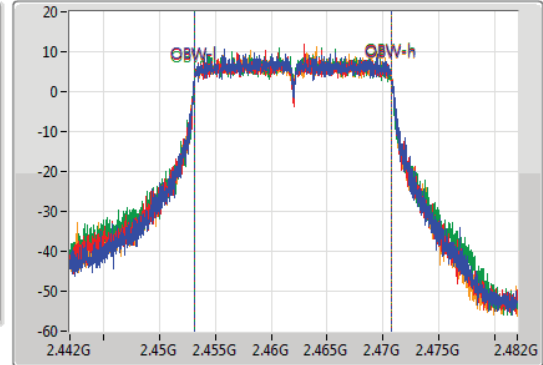
2462MHz

14/05/2020

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.1M | 2.4535G | 2.4706G | 17.631M | 2.453164G | 2.470796G | 500k | 1 |
| 17.4M | 2.453225G | 2.470625G | 17.651M | 2.453144G | 2.470796G | 500k | 2 |
| 16.425M | 2.453625G | 2.47005G | 17.611M | 2.453144G | 2.470756G | 500k | 3 |
| 17.55M | 2.453225G | 2.470775G | 17.631M | 2.453164G | 2.470796G | 500k | 4 |

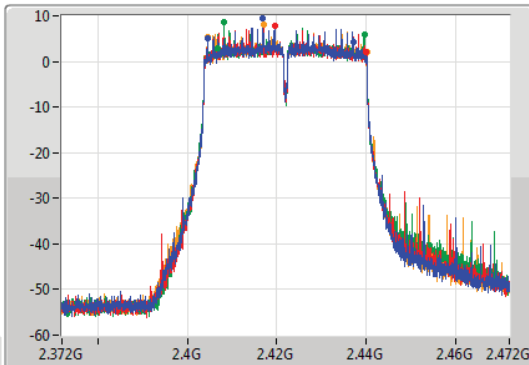
VHT40-BF_Nss1,(MCS0)_4TX

EBW

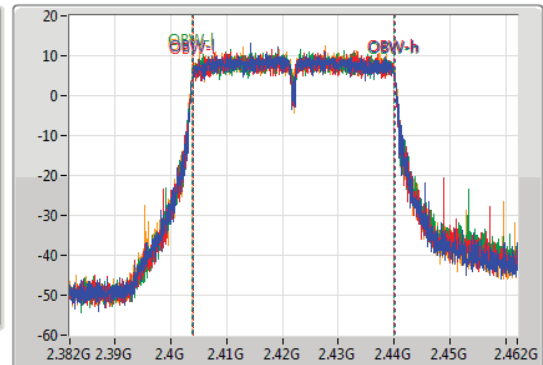
2422MHz

14/05/2020

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.422GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



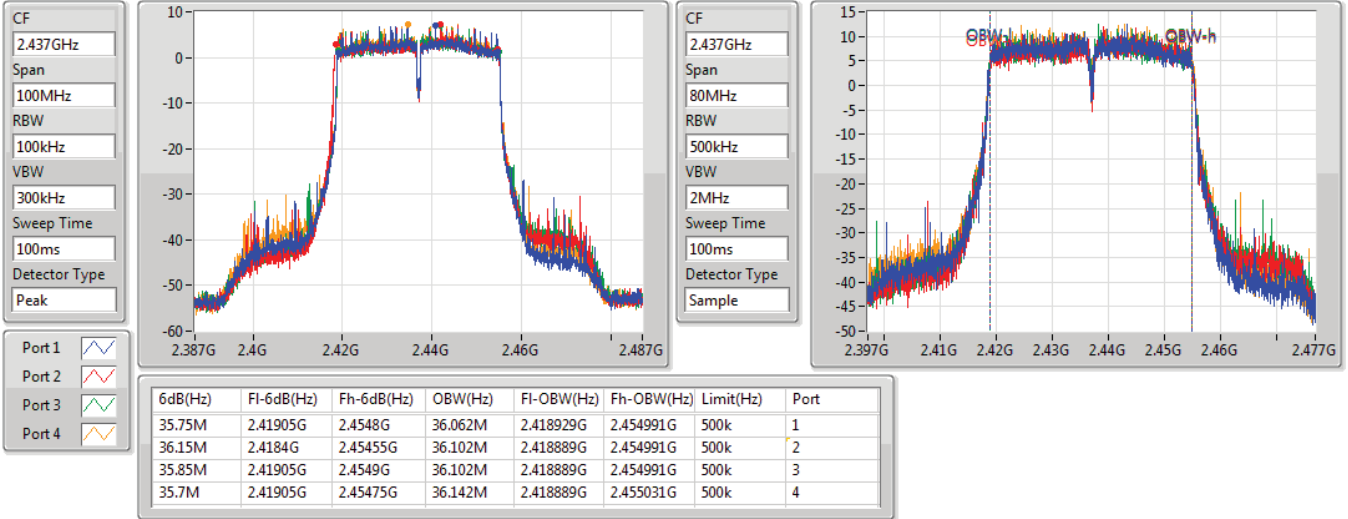
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 32.55M | 2.4045G | 2.43705G | 36.102M | 2.403969G | 2.440071G | 500k | 1 |
| 35.4M | 2.4045G | 2.4399G | 36.062M | 2.403969G | 2.440031G | 500k | 2 |
| 32.8M | 2.40675G | 2.43955G | 36.102M | 2.403929G | 2.440031G | 500k | 3 |
| 35.65M | 2.4045G | 2.44015G | 36.142M | 2.403929G | 2.440071G | 500k | 4 |

VHT40-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

14/05/2020

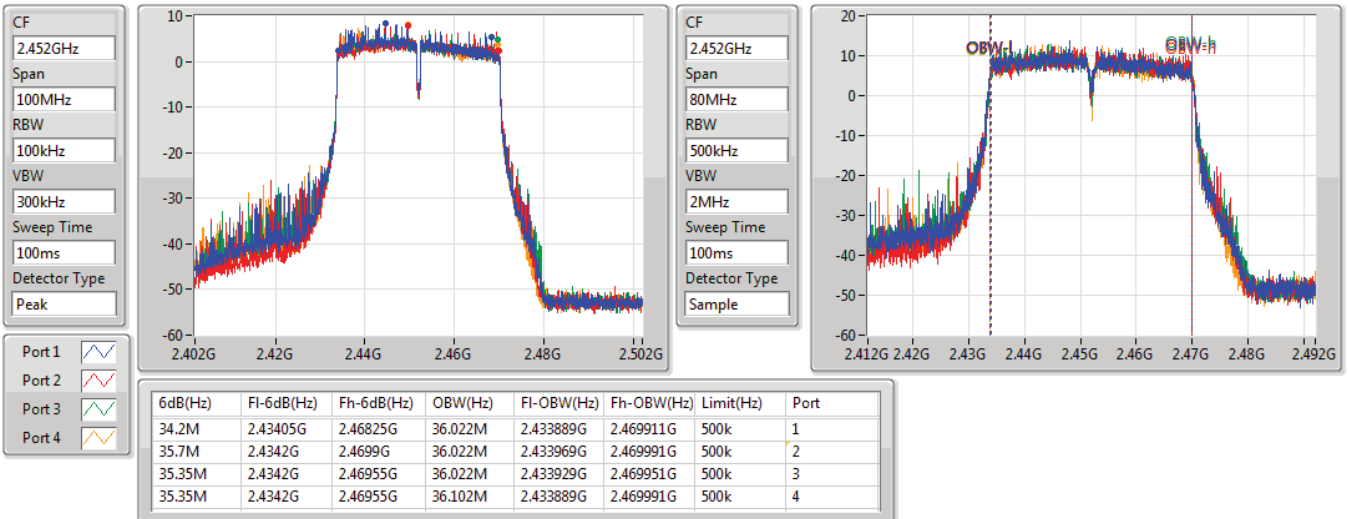


VHT40-BF_Nss1,(MCS0)_4TX

EBW

2452MHz

14/05/2020



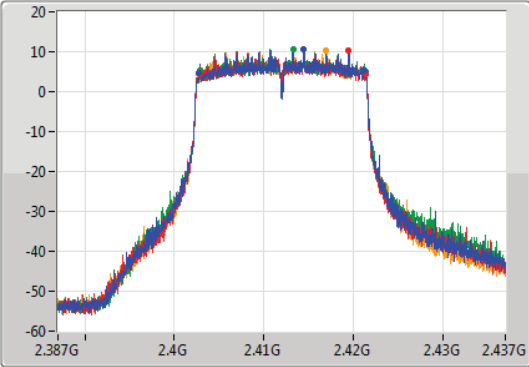
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

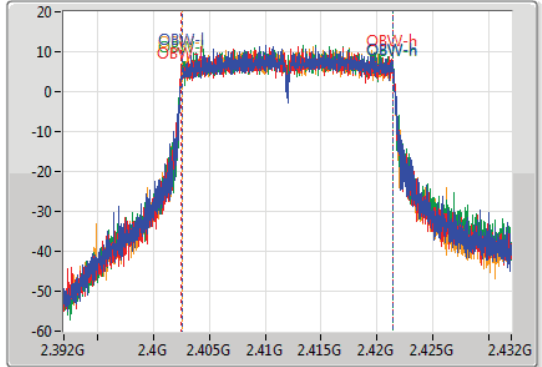
2412MHz

14/05/2020

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.45M | 2.4028G | 2.42125G | 18.891M | 2.402565G | 2.421455G | 500k | 1 |
| 18.525M | 2.40285G | 2.421375G | 18.911M | 2.402525G | 2.421435G | 500k | 2 |
| 18.575M | 2.402825G | 2.4214G | 18.871M | 2.402565G | 2.421435G | 500k | 3 |
| 18.75M | 2.402675G | 2.421425G | 18.891M | 2.402545G | 2.421435G | 500k | 4 |

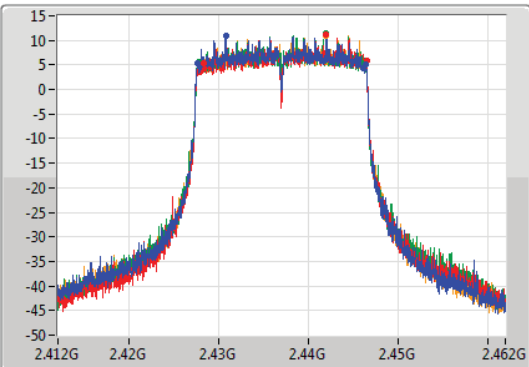
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

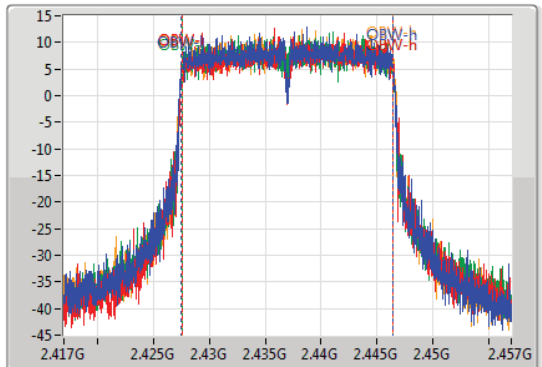
2437MHz

14/05/2020

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.8M | 2.42765G | 2.44645G | 18.891M | 2.427525G | 2.446415G | 500k | 1 |
| 18.225M | 2.42825G | 2.446475G | 18.911M | 2.427545G | 2.446455G | 500k | 2 |
| 18.575M | 2.427675G | 2.44625G | 18.871M | 2.427565G | 2.446435G | 500k | 3 |
| 18.85M | 2.427575G | 2.446425G | 18.891M | 2.427545G | 2.446435G | 500k | 4 |

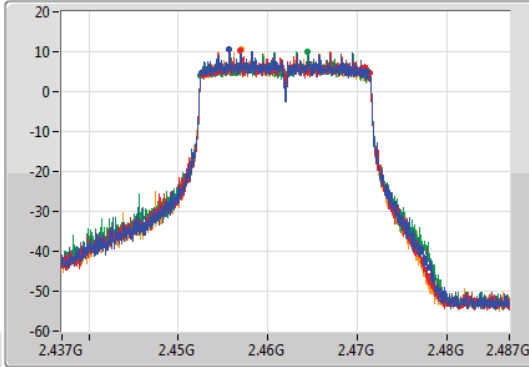
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

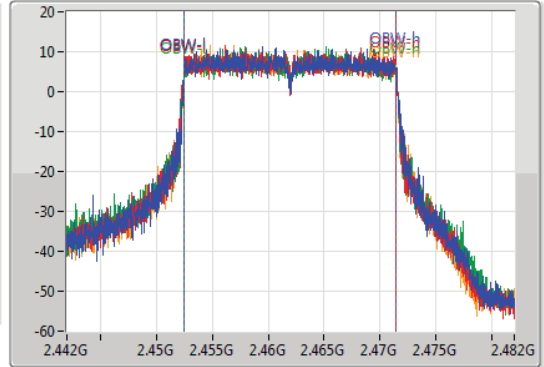
2462MHz

14/05/2020

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.6M | 2.452575G | 2.471175G | 18.951M | 2.452505G | 2.471455G | 500k | 1 |
| 18.85M | 2.45255G | 2.4714G | 18.911M | 2.452505G | 2.471415G | 500k | 2 |
| 18.925M | 2.4525G | 2.471425G | 18.911M | 2.452525G | 2.471435G | 500k | 3 |
| 18.75M | 2.45255G | 2.4713G | 18.931M | 2.452505G | 2.471435G | 500k | 4 |

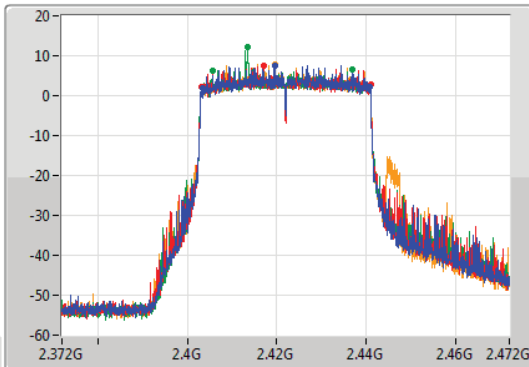
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

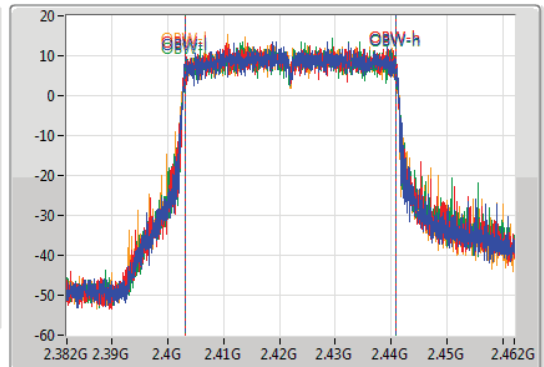
2422MHz

14/05/2020

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.422GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 37.35M | 2.40355G | 2.4409G | 37.741M | 2.403129G | 2.440871G | 500k | 1 |
| 37.85M | 2.40315G | 2.441G | 37.781M | 2.403129G | 2.440911G | 500k | 2 |
| 31.3M | 2.4057G | 2.437G | 37.621M | 2.403209G | 2.440831G | 500k | 3 |
| 37.65M | 2.4032G | 2.44085G | 37.701M | 2.403169G | 2.440871G | 500k | 4 |

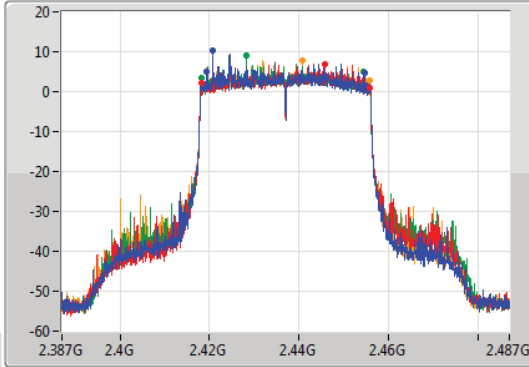
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

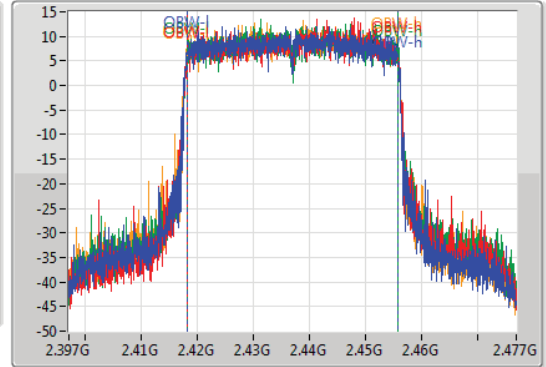
2437MHz

14/05/2020

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.1M | 2.41945G | 2.45455G | 37.701M | 2.418089G | 2.455791G | 500k | 1 |
| 37.65M | 2.41815G | 2.4558G | 37.701M | 2.418129G | 2.455831G | 500k | 2 |
| 36.3M | 2.4182G | 2.4545G | 37.701M | 2.418129G | 2.455831G | 500k | 3 |
| 37.55M | 2.4182G | 2.45575G | 37.661M | 2.418129G | 2.455791G | 500k | 4 |

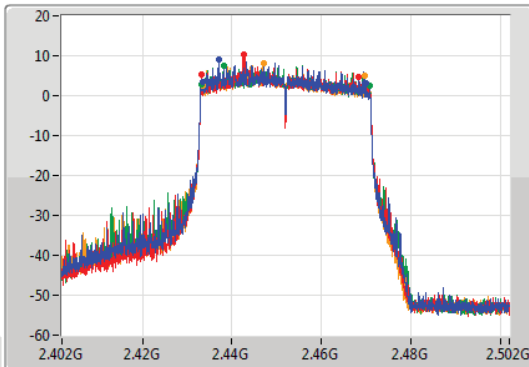
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

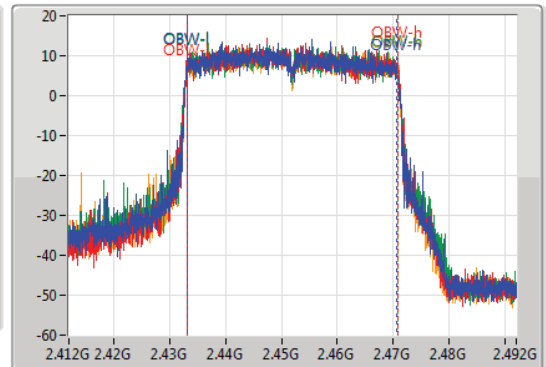
2452MHz

14/05/2020

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 36.5M | 2.43345G | 2.46995G | 37.621M | 2.433089G | 2.470711G | 500k | 1 |
| 35.05M | 2.4332G | 2.46825G | 37.781M | 2.433089G | 2.470871G | 500k | 2 |
| 37.7M | 2.43315G | 2.47085G | 37.701M | 2.433089G | 2.470791G | 500k | 3 |
| 36.05M | 2.4335G | 2.46955G | 37.661M | 2.433169G | 2.470831G | 500k | 4 |



Summary

| Mode | Total Power (dBm) | Total Power (W) |
|--------------------------------|----------------------|--------------------|
| 2.4-2.4835GHz | - | - |
| 802.11b_Nss1,(1Mbps)_4TX | 29.96 | 0.99083 |
| 802.11g_Nss1,(6Mbps)_4TX | 29.82 | 0.95940 |
| VHT20_Nss1,(MCS0)_4TX | 29.72 | 0.93756 |
| VHT40_Nss1,(MCS0)_4TX | 29.95 | 0.98855 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 29.95 | 0.98855 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 29.69 | 0.93111 |



Result

| Mode | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Port 3 (dBm) | Port 4 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| 802.11b_Nss1,(1Mbps)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz_TnomVnom | Pass | 4.40 | 22.67 | 23.18 | 23.05 | 22.74 | 28.94 | 30.00 |
| 2417MHz_TnomVnom | Pass | 4.40 | 23.81 | 24.23 | 23.97 | 23.75 | 29.96 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.95 | 24.24 | 23.89 | 23.64 | 29.96 | 30.00 |
| 2457MHz_TnomVnom | Pass | 4.40 | 21.18 | 21.91 | 21.31 | 21.08 | 27.40 | 30.00 |
| 2462MHz_TnomVnom | Pass | 4.40 | 20.59 | 21.29 | 20.78 | 20.35 | 26.79 | 30.00 |
| 802.11g_Nss1,(6Mbps)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz_TnomVnom | Pass | 4.40 | 23.64 | 24.03 | 23.78 | 23.75 | 29.82 | 30.00 |
| 2417MHz_TnomVnom | Pass | 4.40 | 23.67 | 24.06 | 23.72 | 23.63 | 29.79 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.73 | 24.07 | 23.57 | 23.68 | 29.79 | 30.00 |
| 2457MHz_TnomVnom | Pass | 4.40 | 23.33 | 23.92 | 23.46 | 23.60 | 29.60 | 30.00 |
| 2462MHz_TnomVnom | Pass | 4.40 | 23.33 | 23.98 | 23.56 | 23.08 | 29.52 | 30.00 |
| VHT20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz_TnomVnom | Pass | 4.40 | 23.49 | 23.80 | 23.67 | 23.59 | 29.66 | 30.00 |
| 2417MHz_TnomVnom | Pass | 4.40 | 23.62 | 23.92 | 23.66 | 23.59 | 29.72 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.59 | 23.85 | 23.42 | 23.50 | 29.61 | 30.00 |
| 2457MHz_TnomVnom | Pass | 4.40 | 23.27 | 23.80 | 23.41 | 23.46 | 29.51 | 30.00 |
| 2462MHz_TnomVnom | Pass | 4.40 | 23.30 | 23.82 | 23.42 | 23.50 | 29.53 | 30.00 |
| VHT40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz_TnomVnom | Pass | 4.40 | 23.38 | 23.72 | 23.33 | 23.43 | 29.49 | 30.00 |
| 2427MHz_TnomVnom | Pass | 4.40 | 23.90 | 23.60 | 23.82 | 24.02 | 29.86 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.97 | 24.14 | 23.80 | 23.78 | 29.95 | 30.00 |
| 2452MHz_TnomVnom | Pass | 4.40 | 23.50 | 23.77 | 23.43 | 23.31 | 29.53 | 30.00 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz_TnomVnom | Pass | 4.40 | 23.77 | 24.19 | 23.88 | 23.75 | 29.92 | 30.00 |
| 2417MHz_TnomVnom | Pass | 4.40 | 23.86 | 24.20 | 23.83 | 23.81 | 29.95 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.75 | 24.21 | 23.66 | 23.66 | 29.85 | 30.00 |
| 2457MHz_TnomVnom | Pass | 4.40 | 23.48 | 24.03 | 23.60 | 23.69 | 29.73 | 30.00 |
| 2462MHz_TnomVnom | Pass | 4.40 | 23.46 | 23.96 | 23.56 | 23.66 | 29.68 | 30.00 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz_TnomVnom | Pass | 4.40 | 23.54 | 23.90 | 23.48 | 23.62 | 29.66 | 30.00 |
| 2427MHz_TnomVnom | Pass | 4.40 | 23.56 | 23.96 | 23.53 | 23.63 | 29.69 | 30.00 |
| 2437MHz_TnomVnom | Pass | 4.40 | 23.54 | 23.70 | 23.47 | 23.49 | 29.57 | 30.00 |
| 2447MHz_TnomVnom | Pass | 4.40 | 23.45 | 23.83 | 23.44 | 23.41 | 29.56 | 30.00 |
| 2452MHz_TnomVnom | Pass | 4.40 | 23.54 | 23.89 | 23.46 | 23.54 | 29.63 | 30.00 |

DG = Directional Gain; Port X = Port X output power



Summary

| Mode | Total Power (dBm) | Total Power (W) |
|-----------------------------------|-------------------|-----------------|
| 2.4-2.4835GHz | - | - |
| VHT20-BF_Nss1,(MCS0)_4TX | 28.42 | 0.69502 |
| VHT40-BF_Nss1,(MCS0)_4TX | 28.06 | 0.63973 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 28.46 | 0.70146 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 28.26 | 0.66988 |



Result

| Mode | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Port 3 (dBm) | Port 4 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|
| VHT20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | 21.70 | 21.63 | 21.85 | 21.79 | 27.76 | 29.10 |
| 2437MHz | Pass | 6.90 | 22.42 | 22.14 | 22.45 | 22.56 | 28.42 | 29.10 |
| 2462MHz | Pass | 6.90 | 21.34 | 21.40 | 21.58 | 21.39 | 27.45 | 29.10 |
| VHT40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | 21.78 | 21.62 | 21.69 | 21.87 | 27.76 | 29.10 |
| 2437MHz | Pass | 6.90 | 21.41 | 21.33 | 21.57 | 21.86 | 27.57 | 29.10 |
| 2452MHz | Pass | 6.90 | 21.89 | 21.79 | 22.33 | 22.14 | 28.06 | 29.10 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | 21.95 | 21.45 | 21.90 | 21.83 | 27.81 | 29.10 |
| 2437MHz | Pass | 6.90 | 22.35 | 22.30 | 22.40 | 22.68 | 28.46 | 29.10 |
| 2462MHz | Pass | 6.90 | 22.17 | 21.70 | 21.59 | 21.78 | 27.84 | 29.10 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | 22.46 | 22.07 | 21.96 | 22.09 | 28.17 | 29.10 |
| 2437MHz | Pass | 6.90 | 21.50 | 21.52 | 22.05 | 21.88 | 27.76 | 29.10 |
| 2452MHz | Pass | 6.90 | 22.44 | 22.46 | 21.72 | 22.30 | 28.26 | 29.10 |

DG = Directional Gain; Port X = Port X output power



Summary

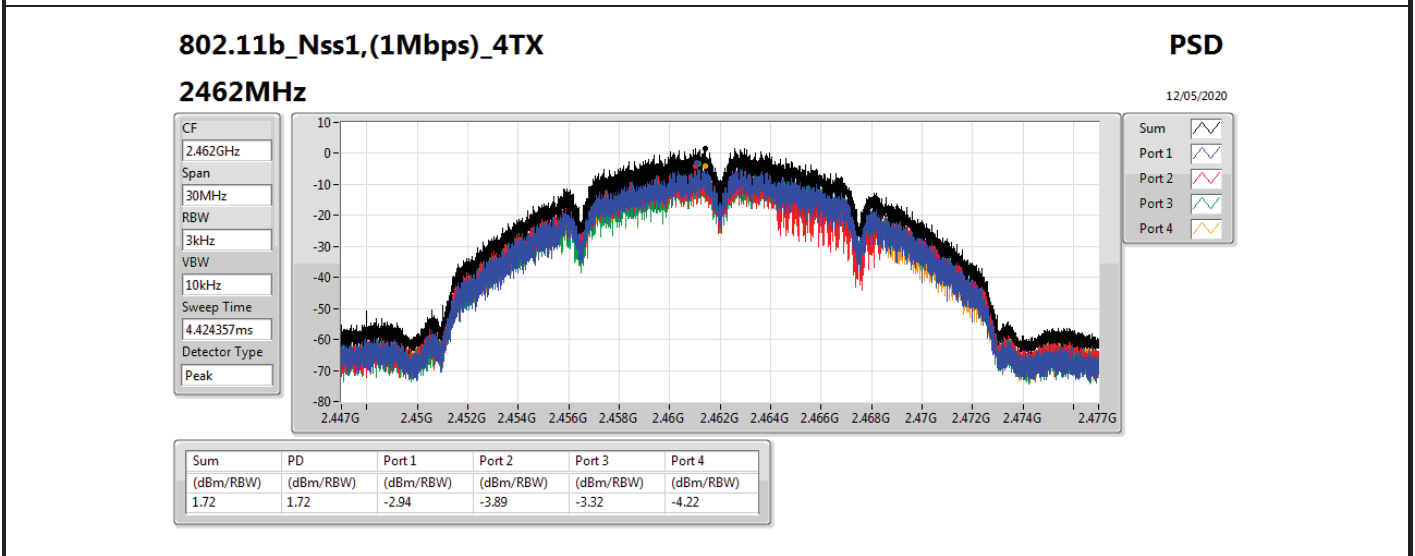
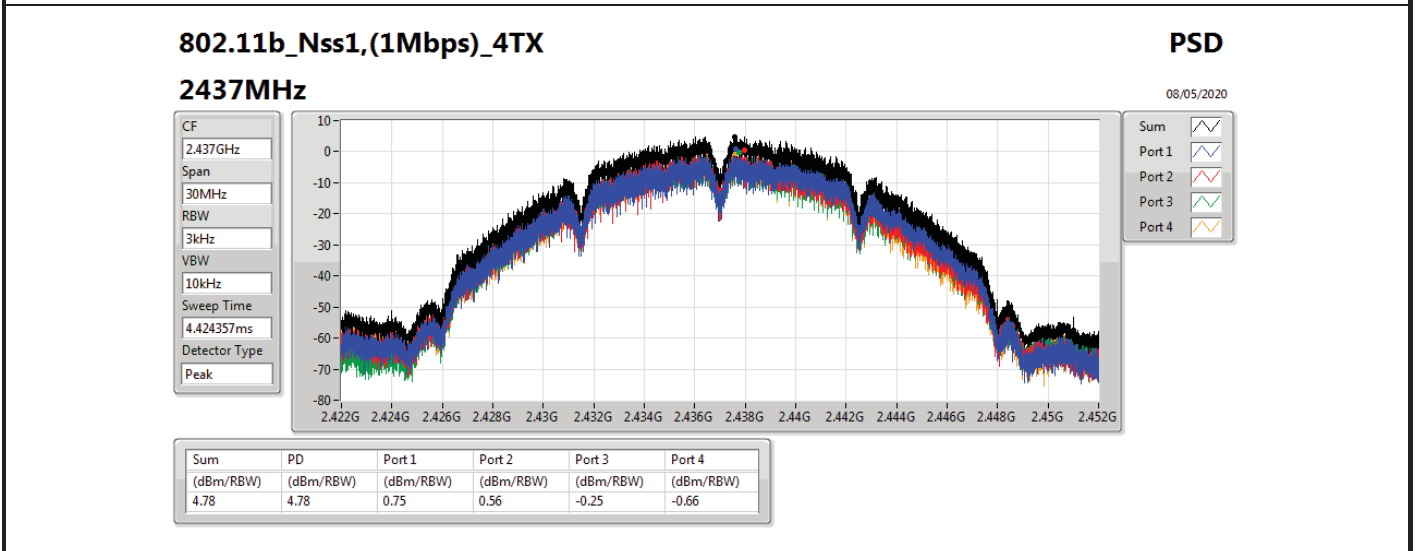
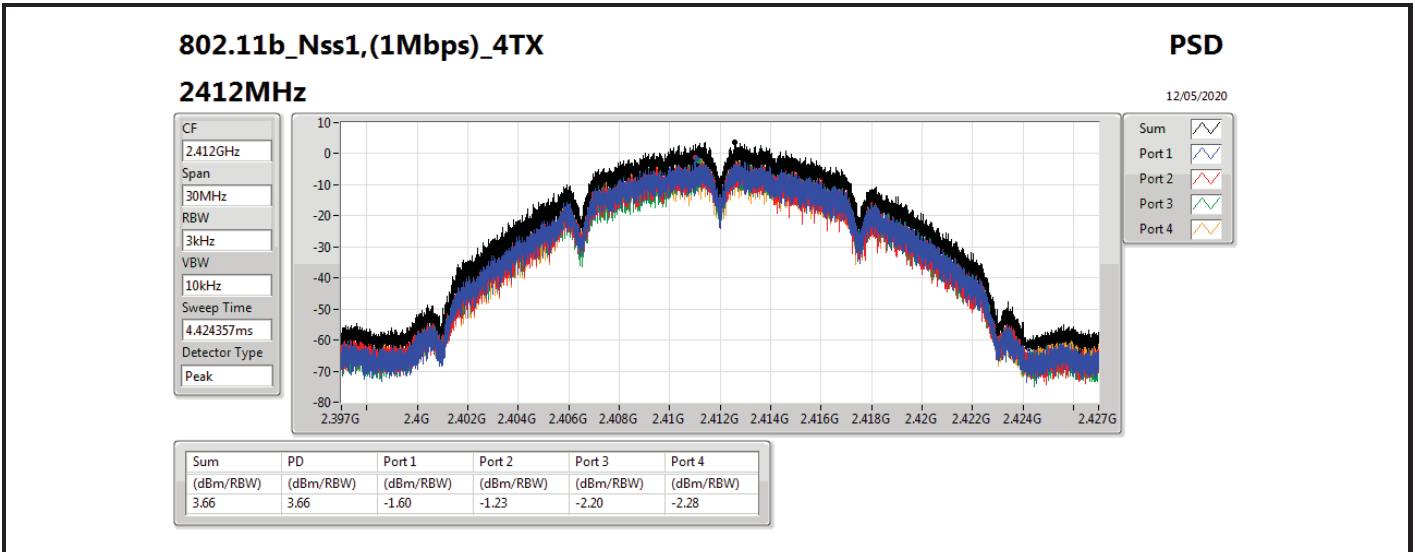
| Mode | PD (dBm/RBW) |
|--------------------------------|-----------------|
| 2.4-2.4835GHz | - |
| 802.11b_Nss1,(1Mbps)_4TX | 4.78 |
| 802.11g_Nss1,(6Mbps)_4TX | 1.00 |
| VHT20_Nss1,(MCS0)_4TX | 2.28 |
| VHT40_Nss1,(MCS0)_4TX | 0.32 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 1.82 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -1.32 |

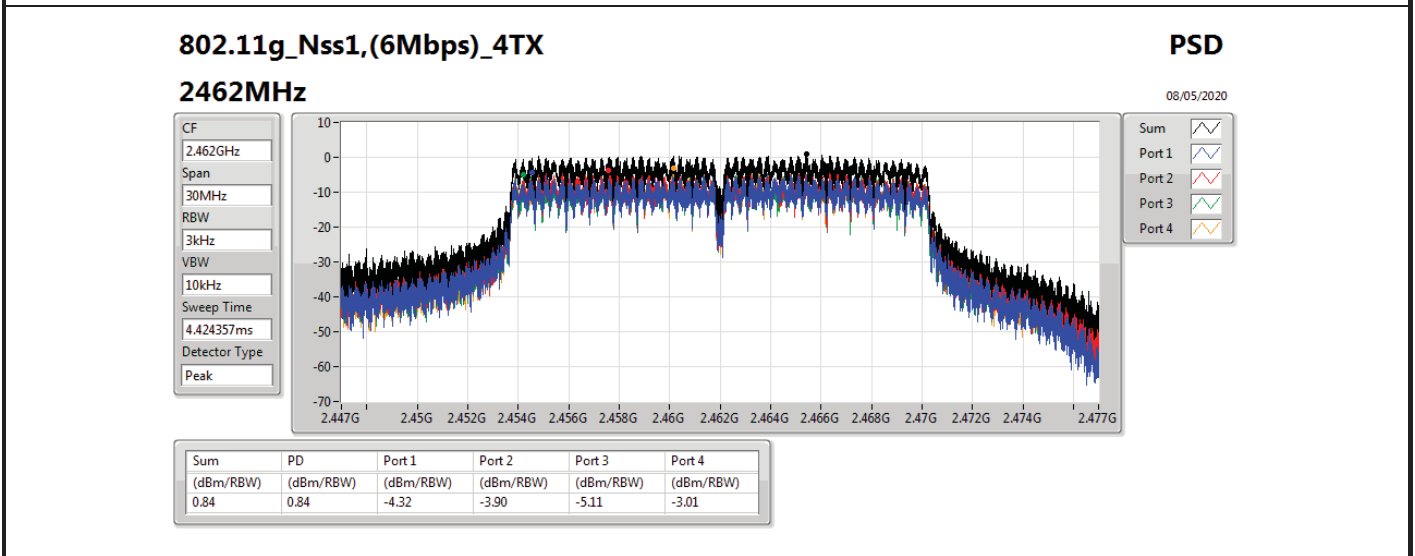
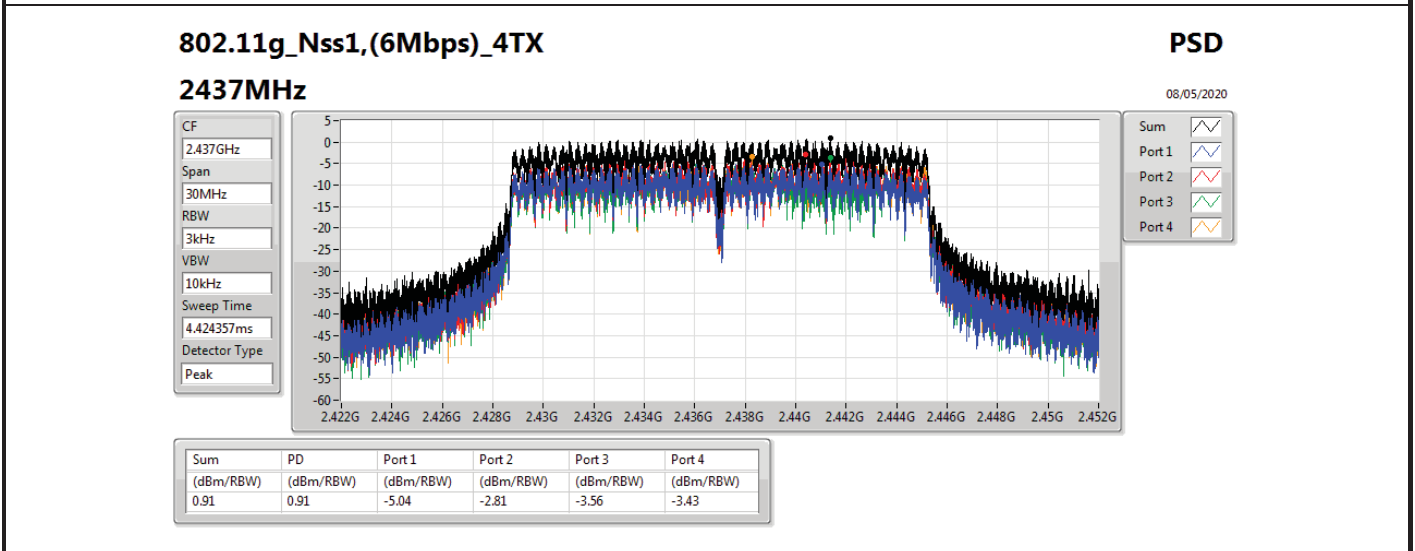
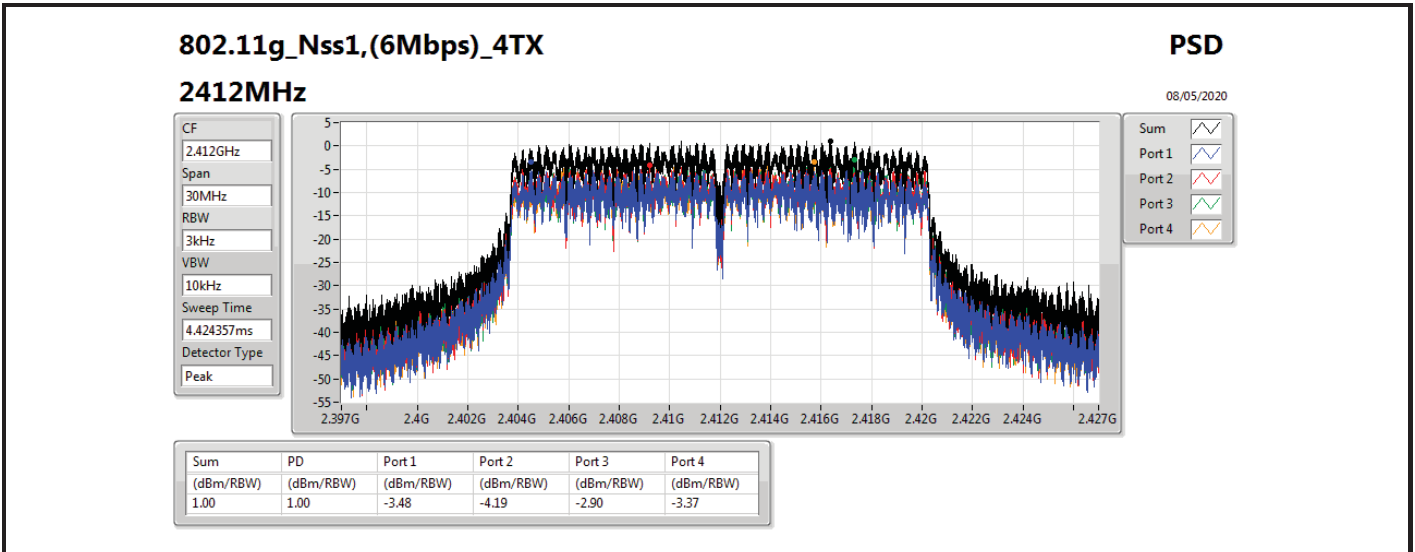


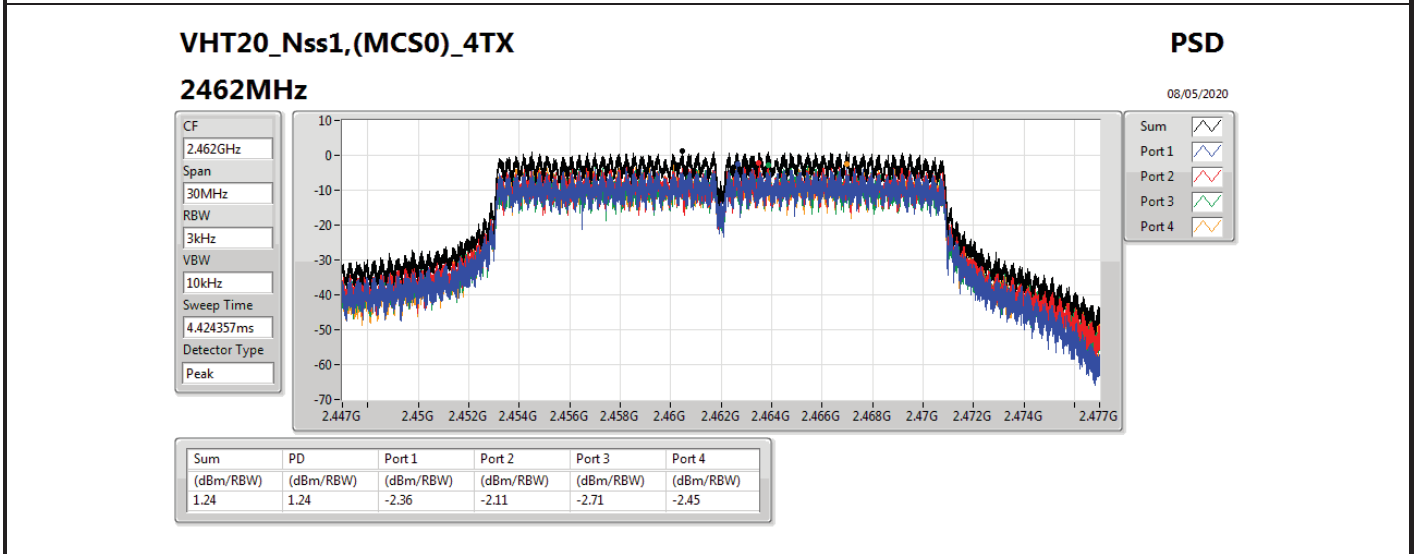
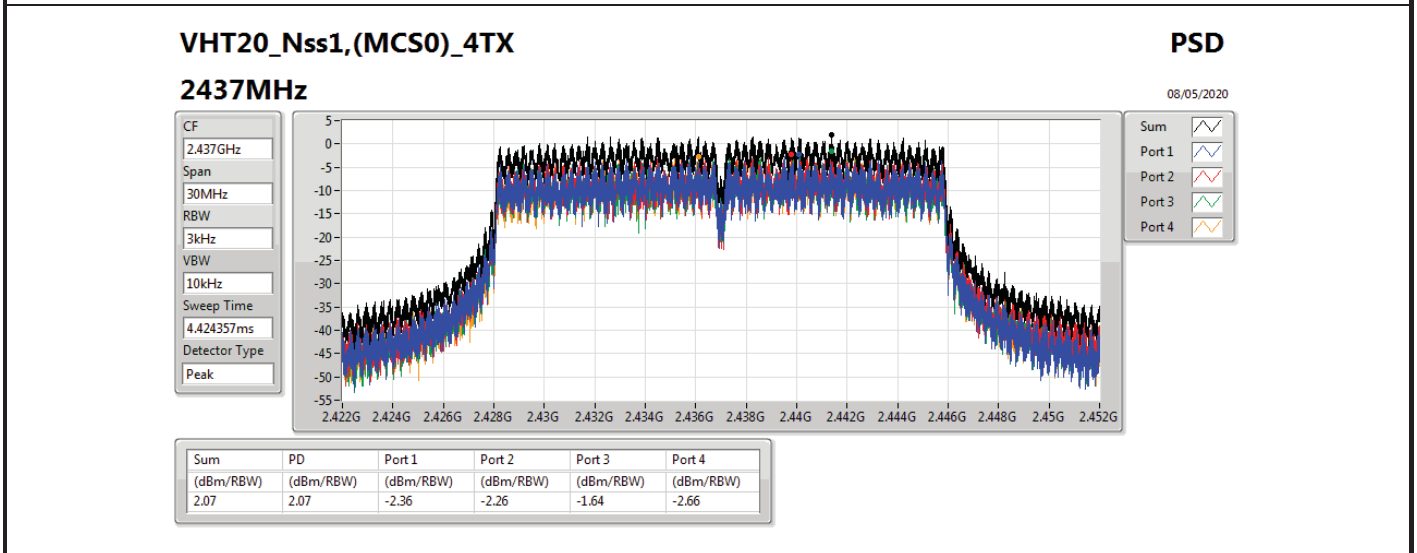
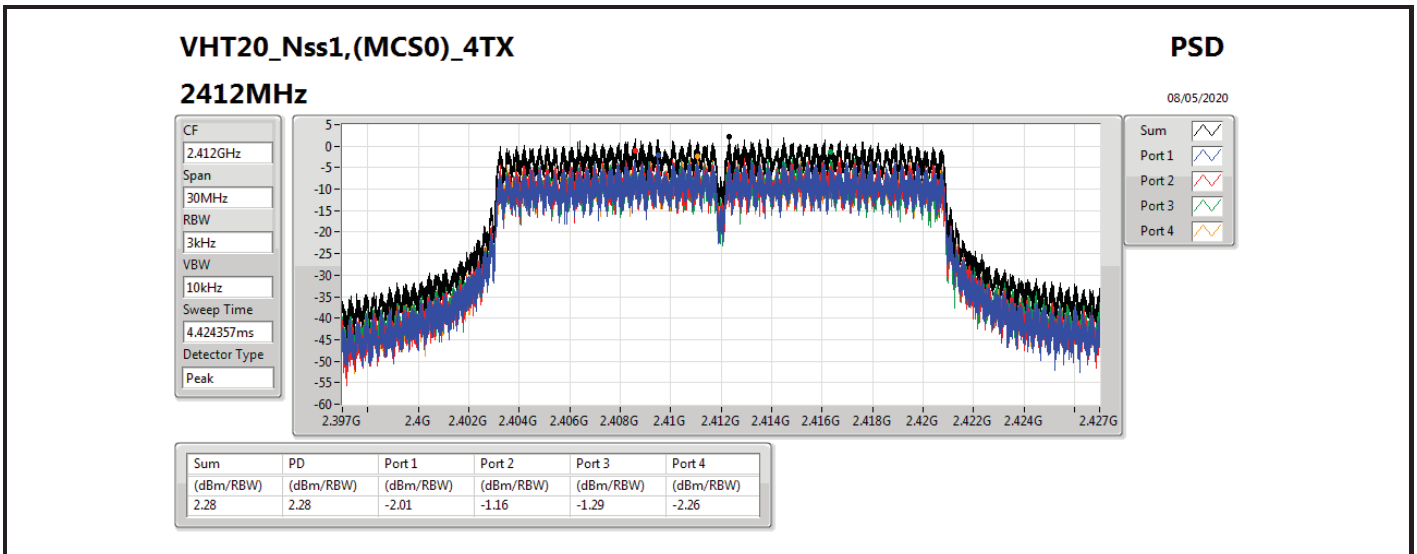
Result

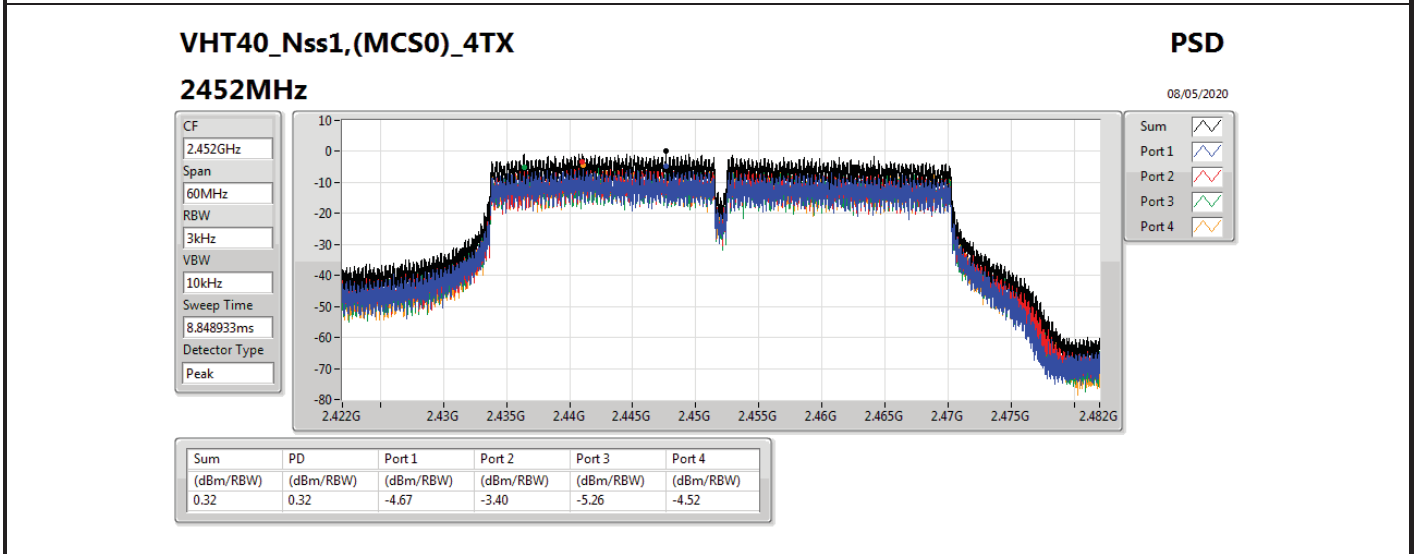
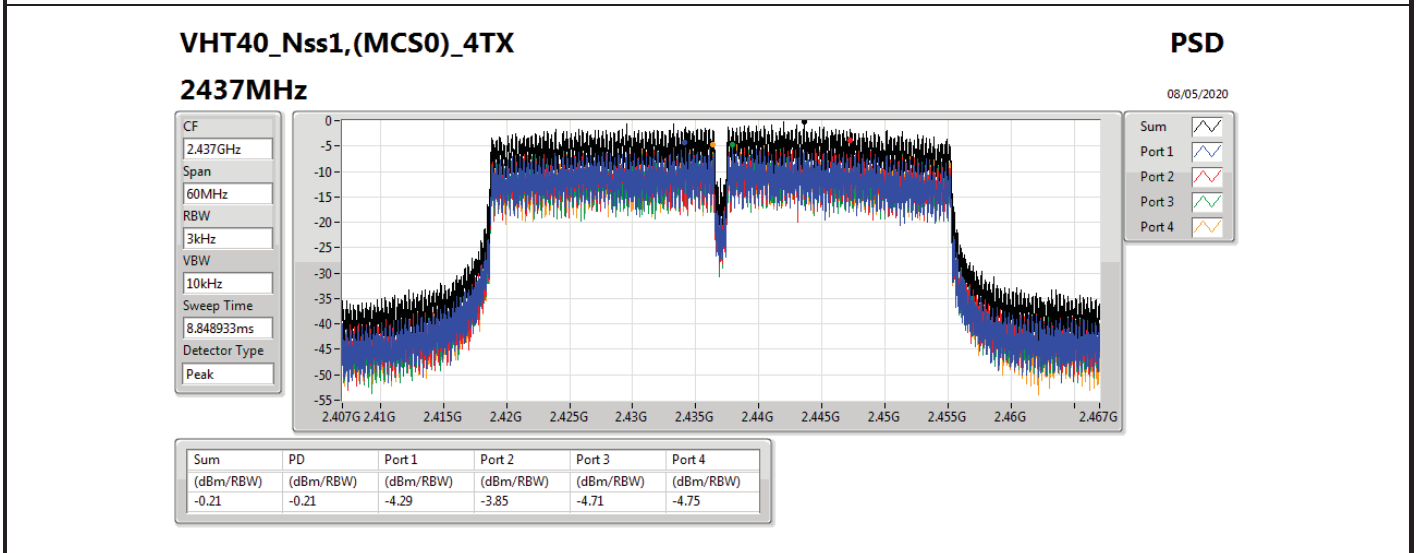
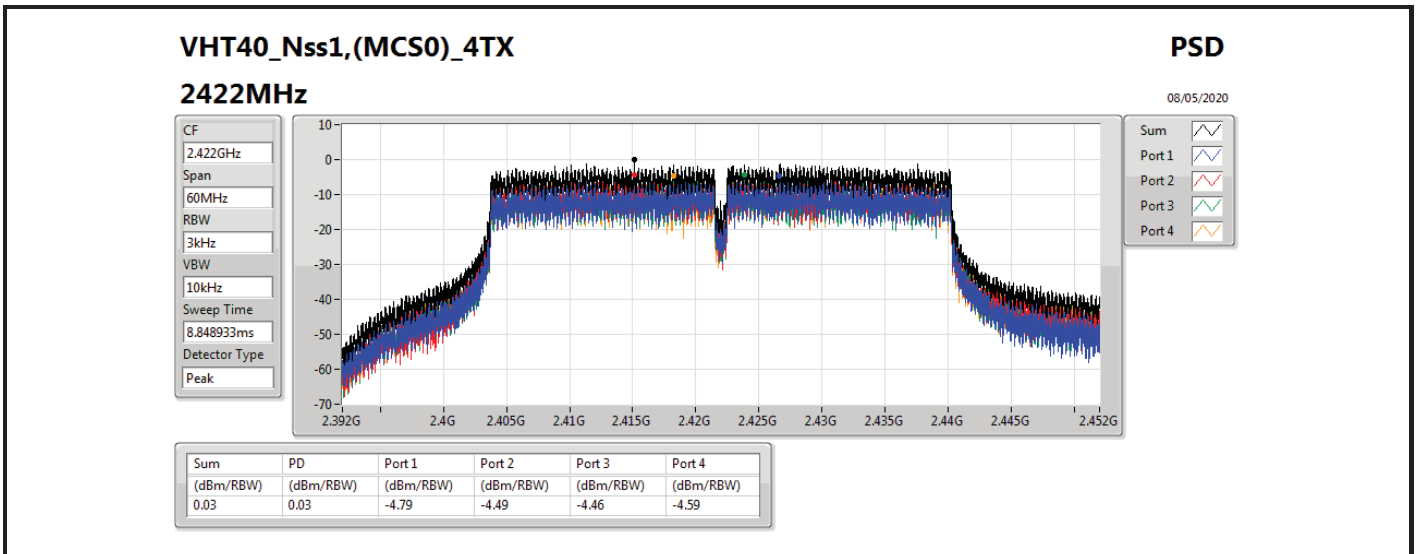
| Mode | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | Port 3 (dBm/RBW) | Port 4 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_Nss1,(1Mbps)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -1.60 | -1.23 | -2.20 | -2.28 | 3.66 | 7.10 |
| 2437MHz | Pass | 6.90 | 0.75 | 0.56 | -0.25 | -0.66 | 4.78 | 7.10 |
| 2462MHz | Pass | 6.90 | -2.94 | -3.89 | -3.32 | -4.22 | 1.72 | 7.10 |
| 802.11g_Nss1,(6Mbps)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -3.48 | -4.19 | -2.90 | -3.37 | 1.00 | 7.10 |
| 2437MHz | Pass | 6.90 | -5.04 | -2.81 | -3.56 | -3.43 | 0.91 | 7.10 |
| 2462MHz | Pass | 6.90 | -4.32 | -3.90 | -5.11 | -3.01 | 0.84 | 7.10 |
| VHT20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -2.01 | -1.16 | -1.29 | -2.26 | 2.28 | 7.10 |
| 2437MHz | Pass | 6.90 | -2.36 | -2.26 | -1.64 | -2.66 | 2.07 | 7.10 |
| 2462MHz | Pass | 6.90 | -2.36 | -2.11 | -2.71 | -2.45 | 1.24 | 7.10 |
| VHT40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | -4.79 | -4.49 | -4.46 | -4.59 | 0.03 | 7.10 |
| 2437MHz | Pass | 6.90 | -4.29 | -3.85 | -4.71 | -4.75 | -0.21 | 7.10 |
| 2452MHz | Pass | 6.90 | -4.67 | -3.40 | -5.26 | -4.52 | 0.32 | 7.10 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -3.05 | -2.44 | -2.34 | -2.94 | 1.82 | 7.10 |
| 2437MHz | Pass | 6.90 | -2.91 | -2.19 | -2.13 | -2.23 | 1.06 | 7.10 |
| 2462MHz | Pass | 6.90 | -2.48 | -2.67 | -3.05 | -2.72 | 0.99 | 7.10 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | -6.02 | -4.65 | -6.64 | -4.18 | -1.42 | 7.10 |
| 2437MHz | Pass | 6.90 | -5.12 | -5.07 | -4.39 | -5.41 | -1.32 | 7.10 |
| 2452MHz | Pass | 6.90 | -5.27 | -5.15 | -5.37 | -5.95 | -1.71 | 7.10 |

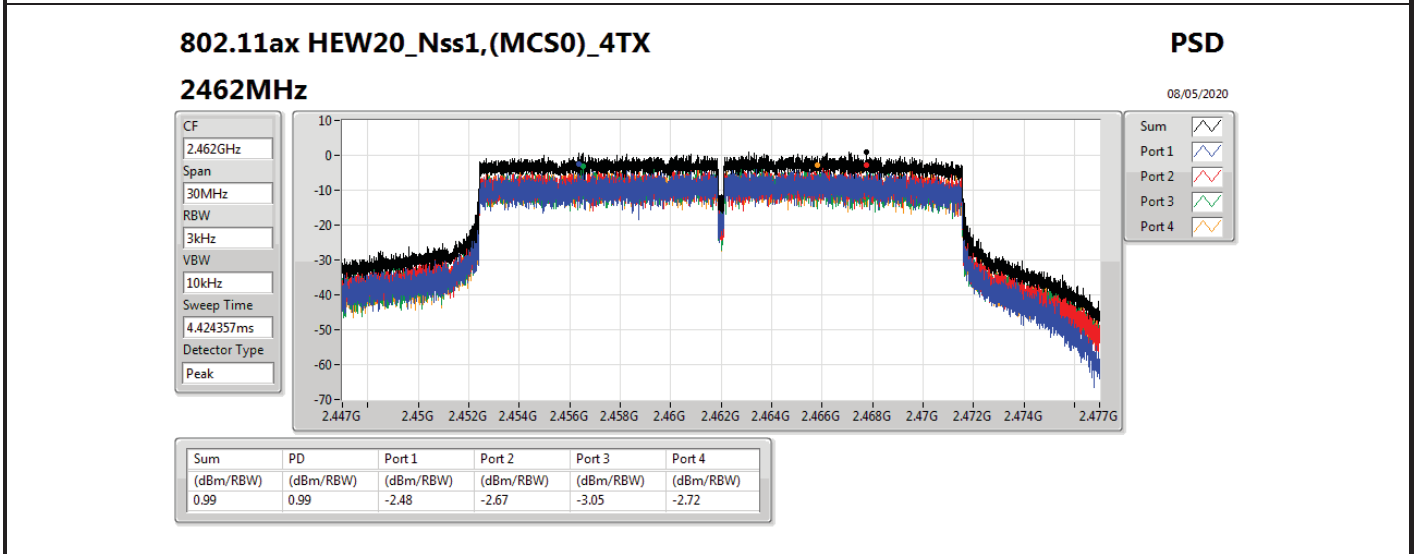
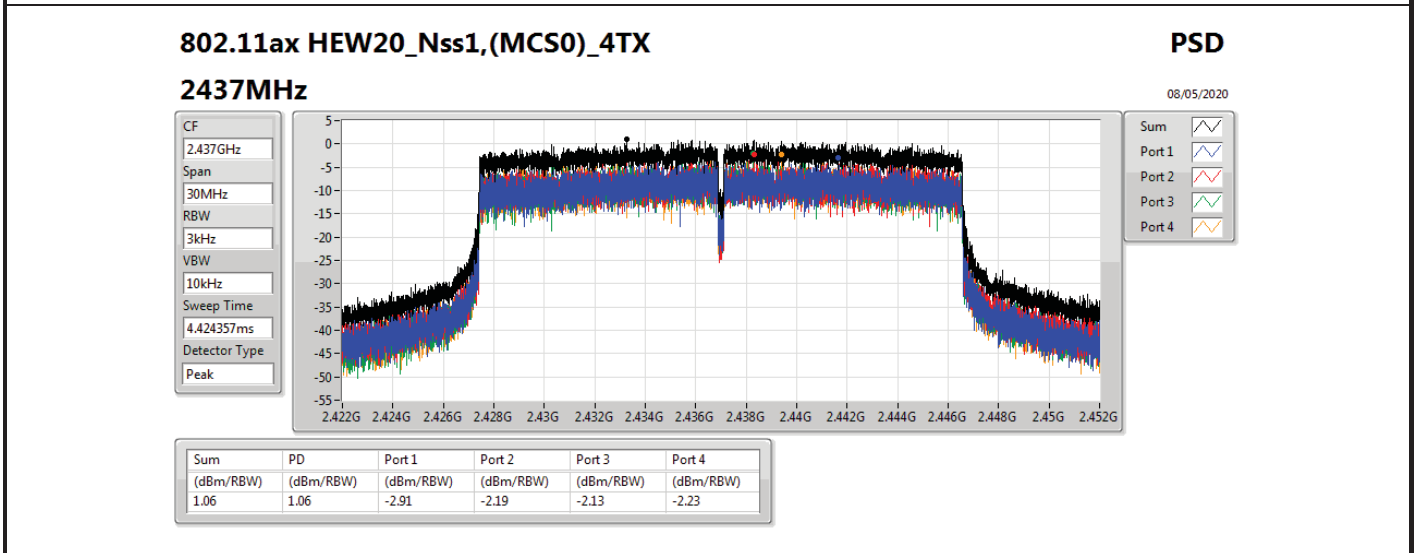
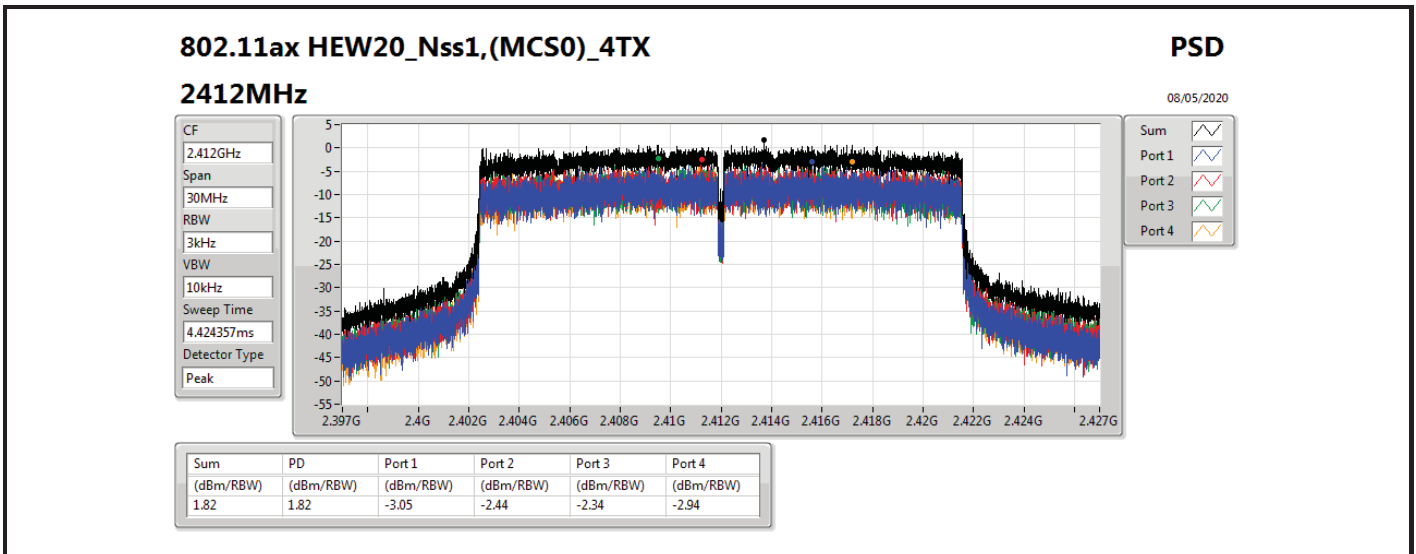
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

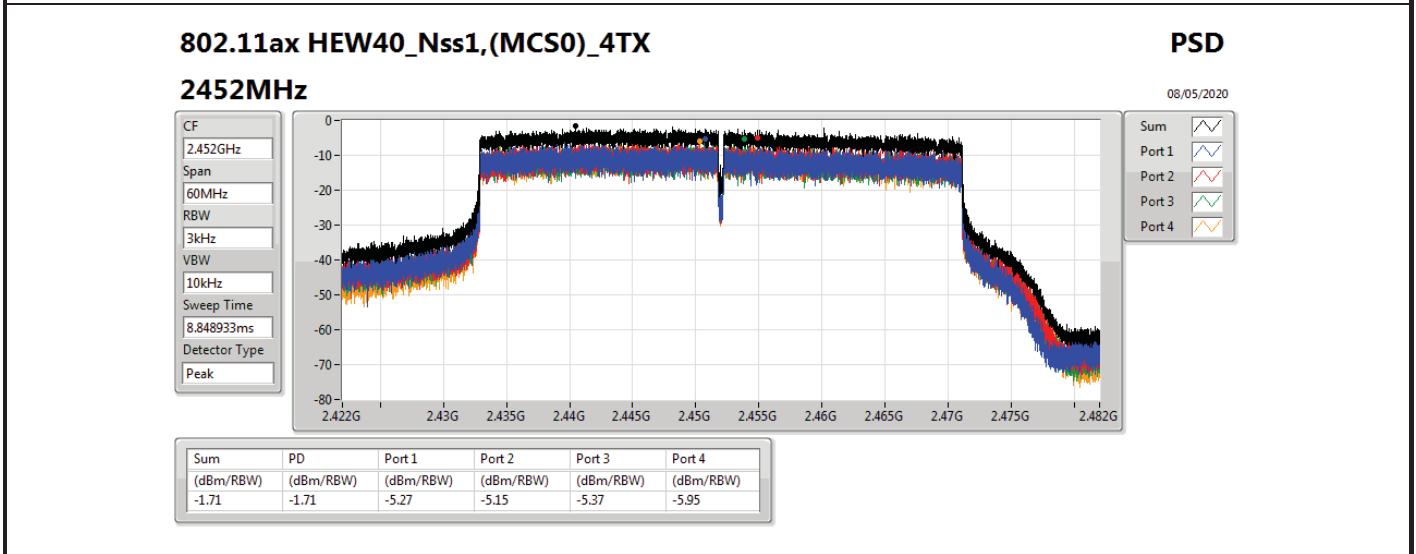
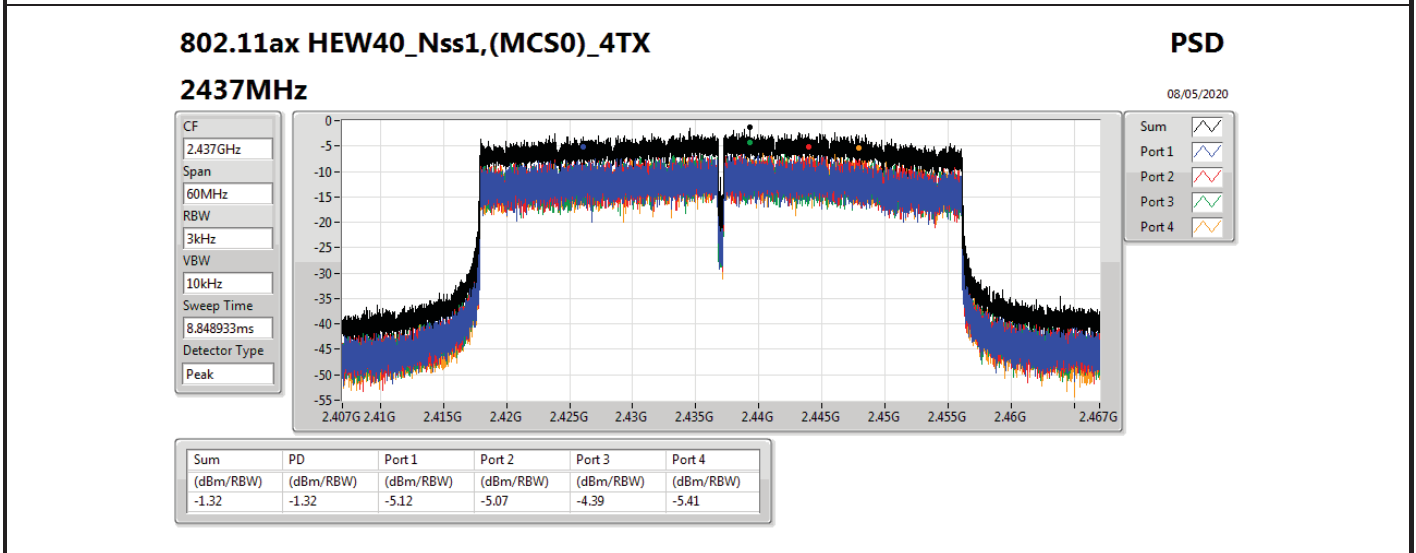
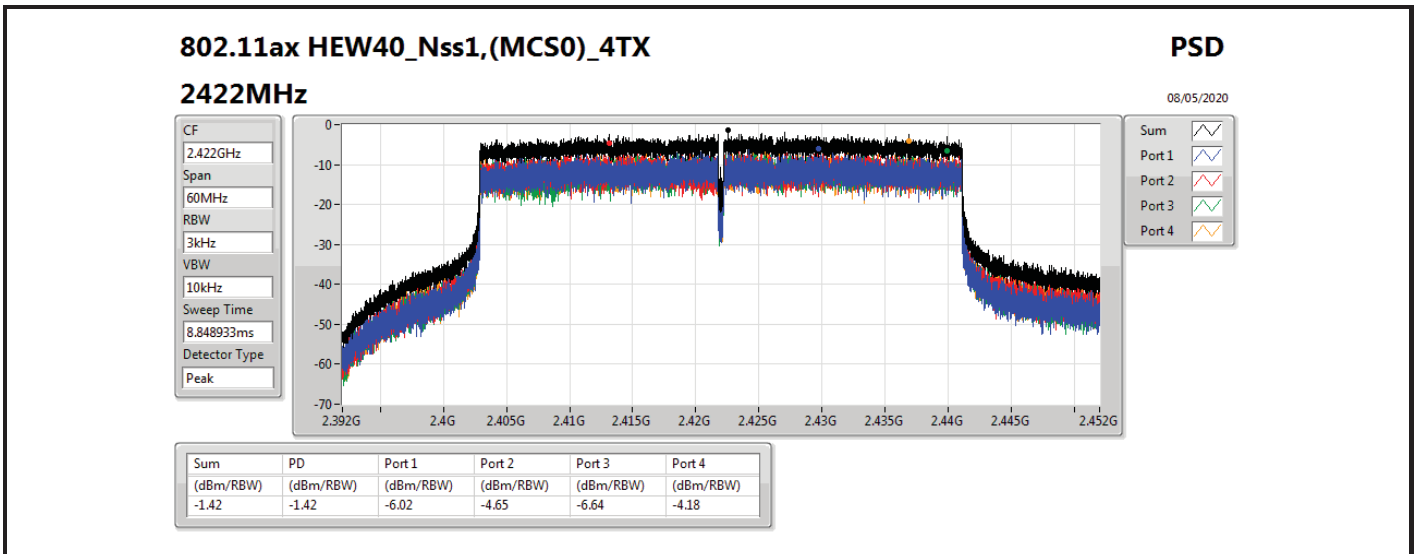














Summary

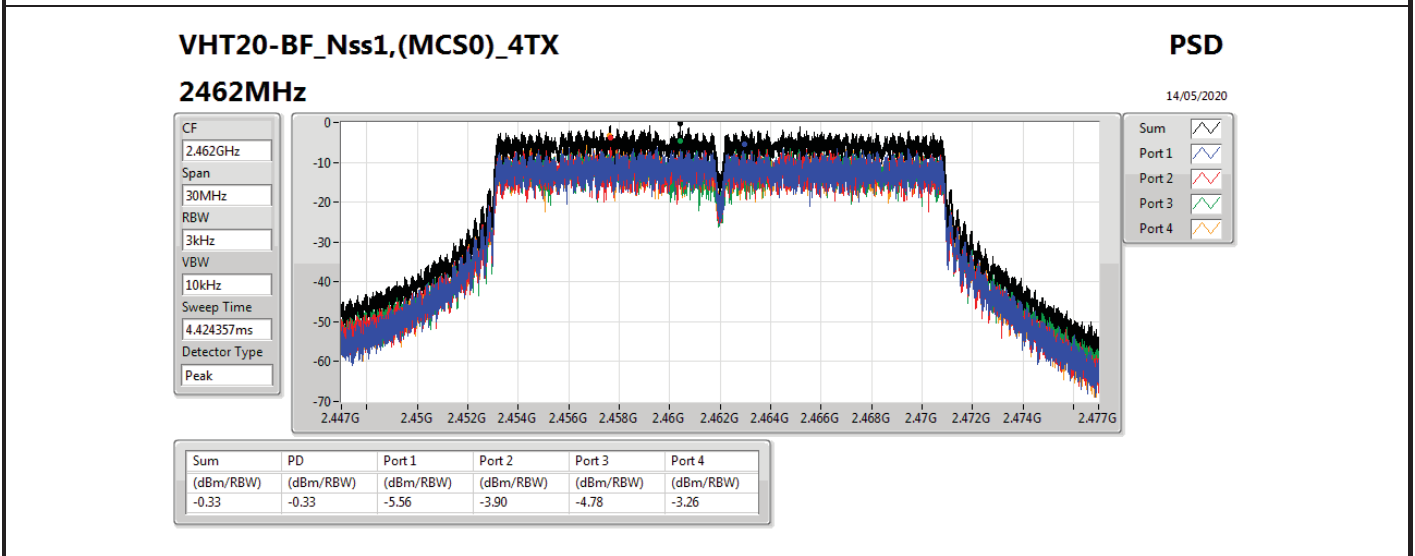
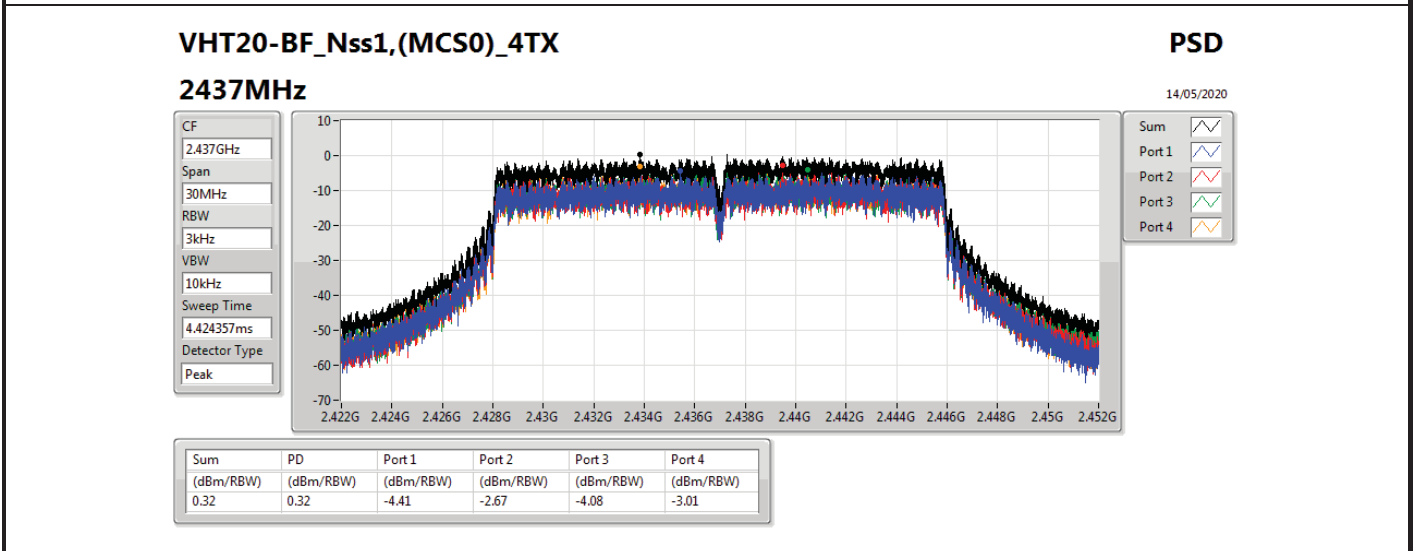
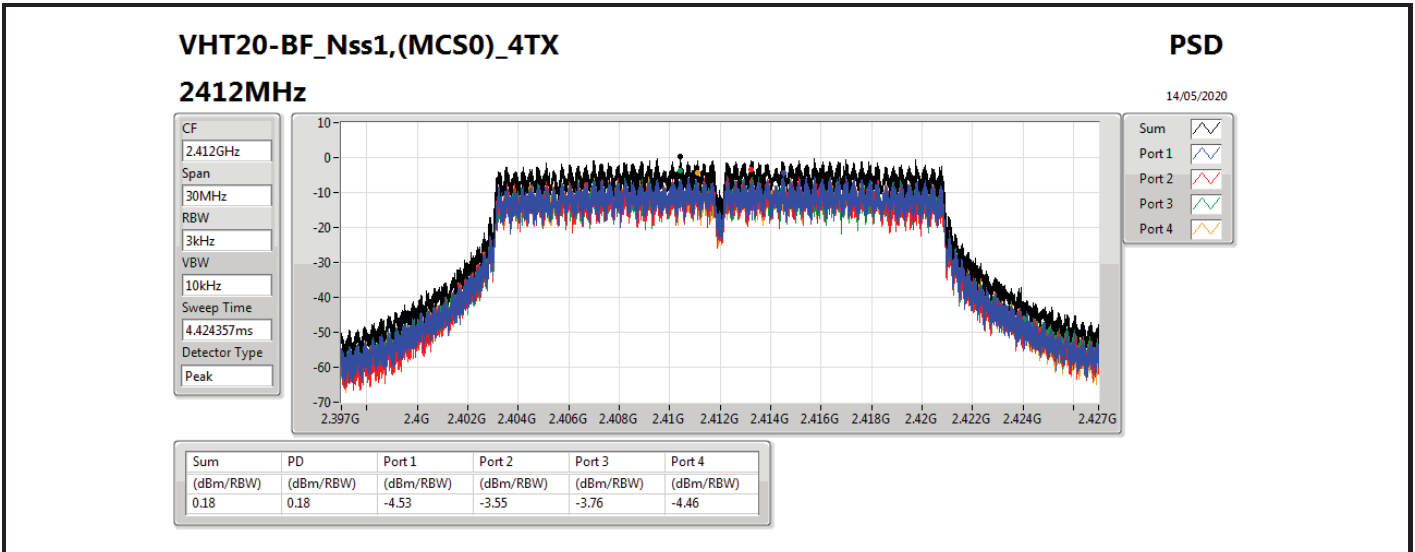
| Mode | PD (dBm/RBW) |
|-----------------------------------|-----------------|
| 2.4-2.4835GHz | - |
| VHT20-BF_Nss1,(MCS0)_4TX | 0.32 |
| VHT40-BF_Nss1,(MCS0)_4TX | -2.43 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 0.54 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -2.81 |

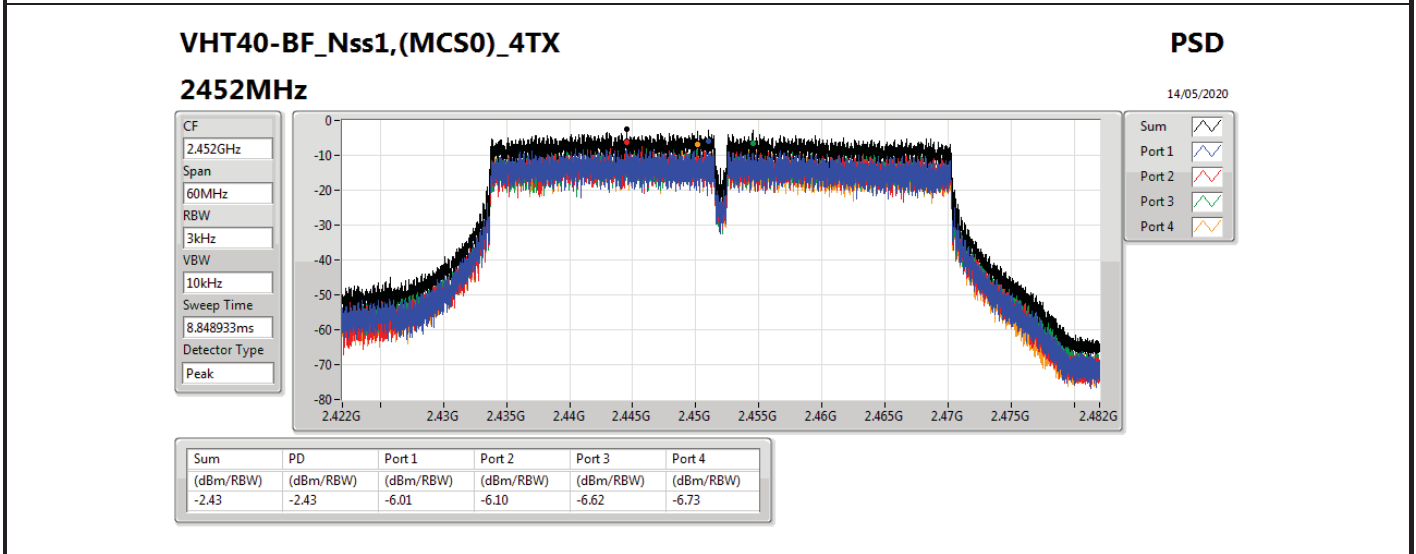
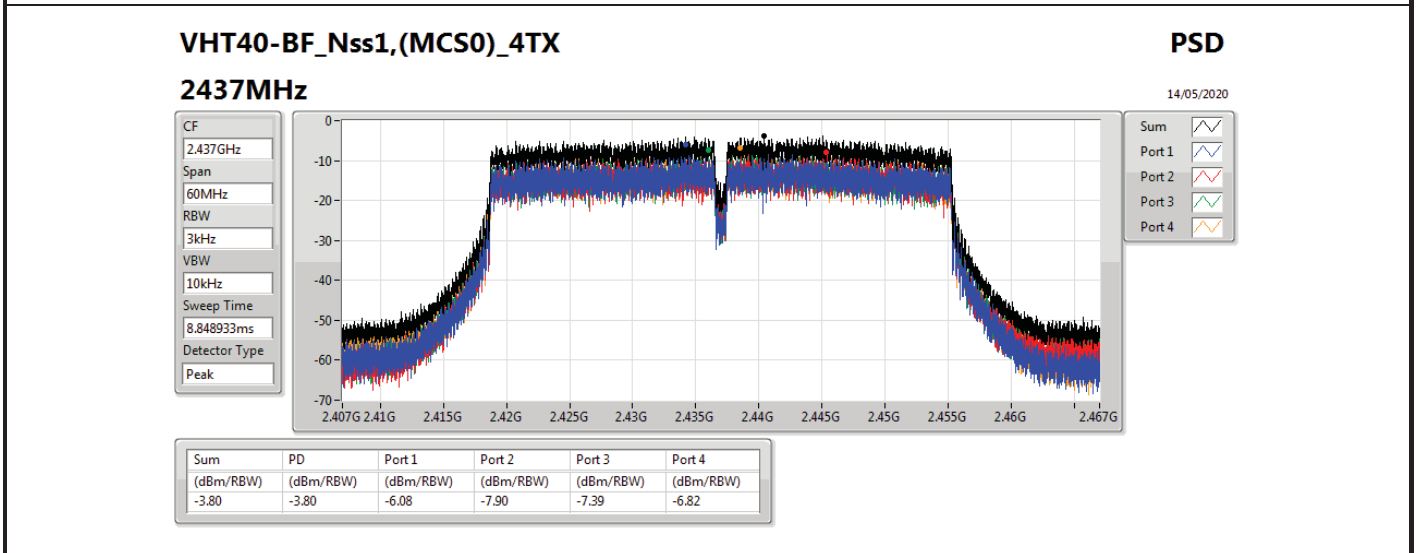
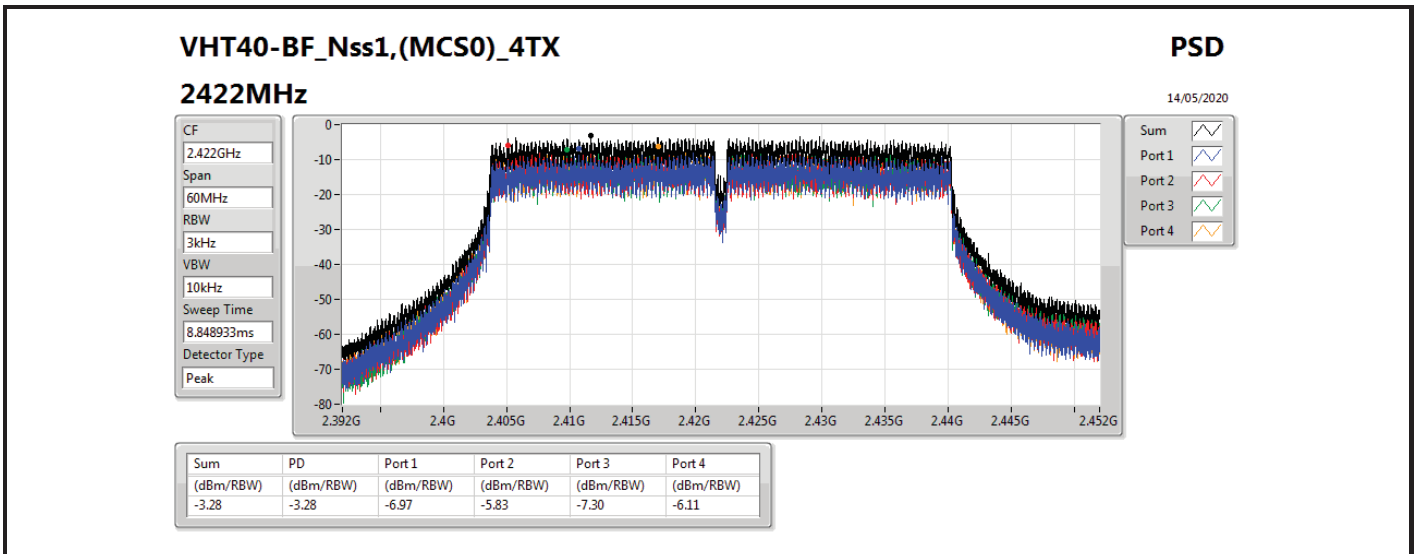


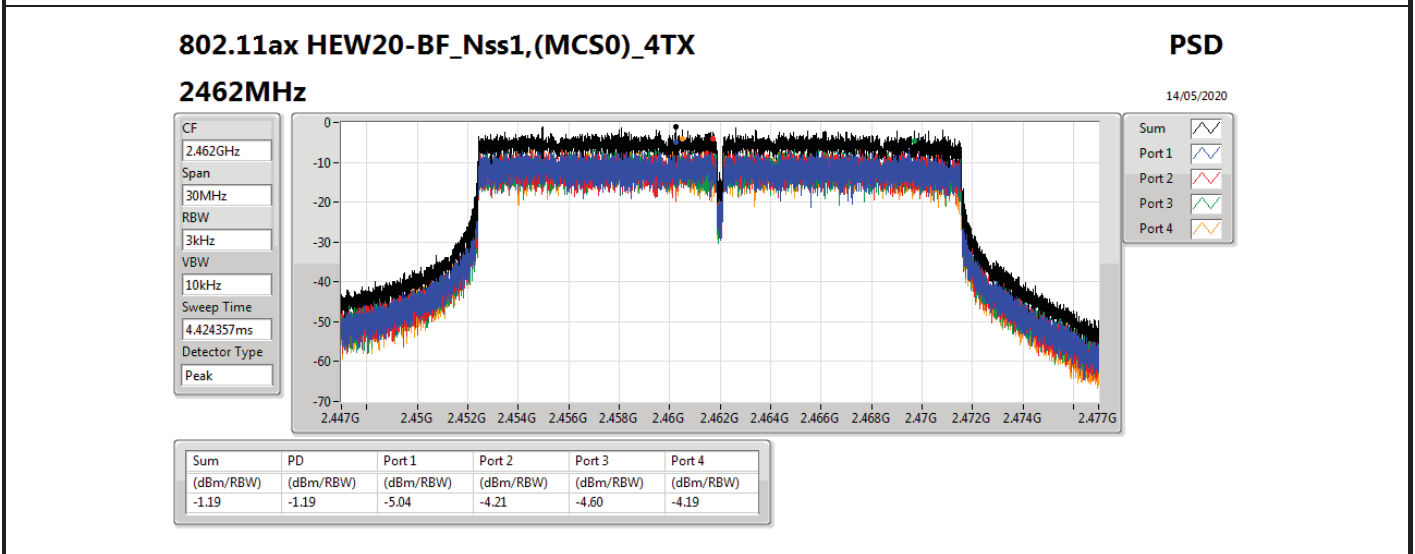
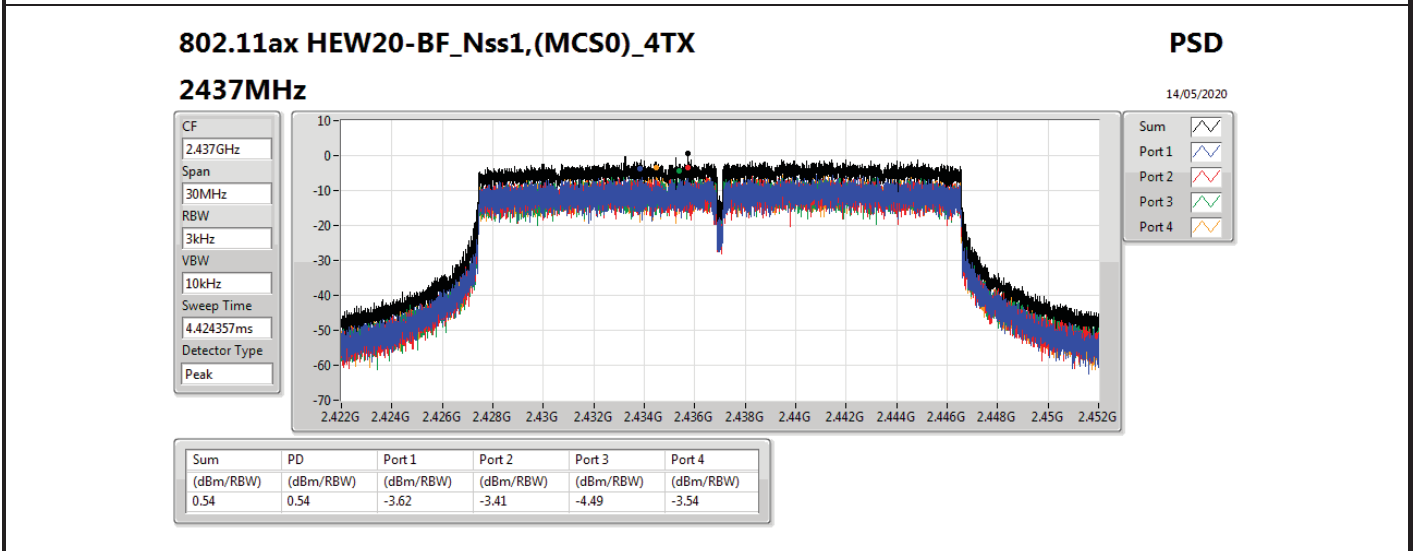
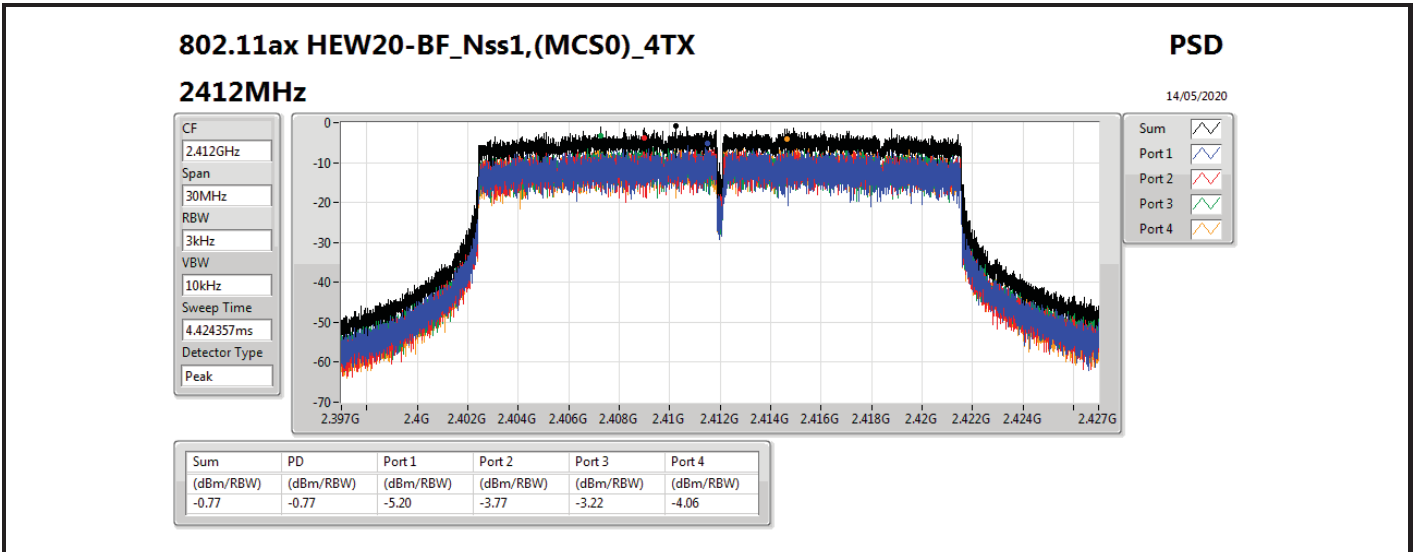
Result

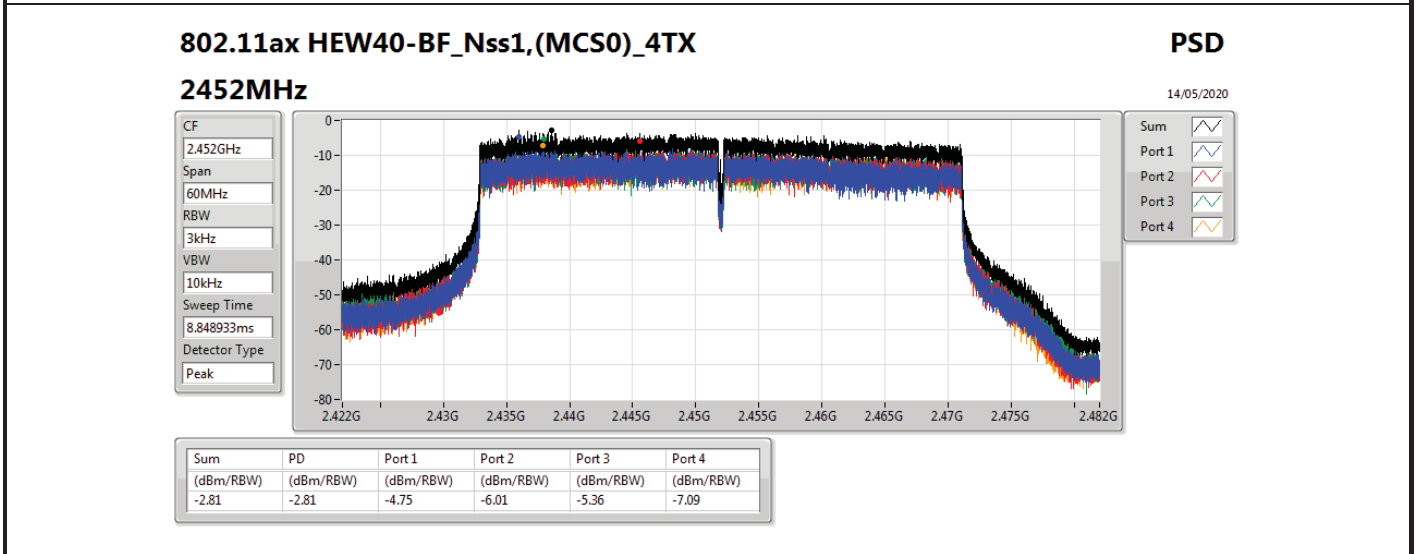
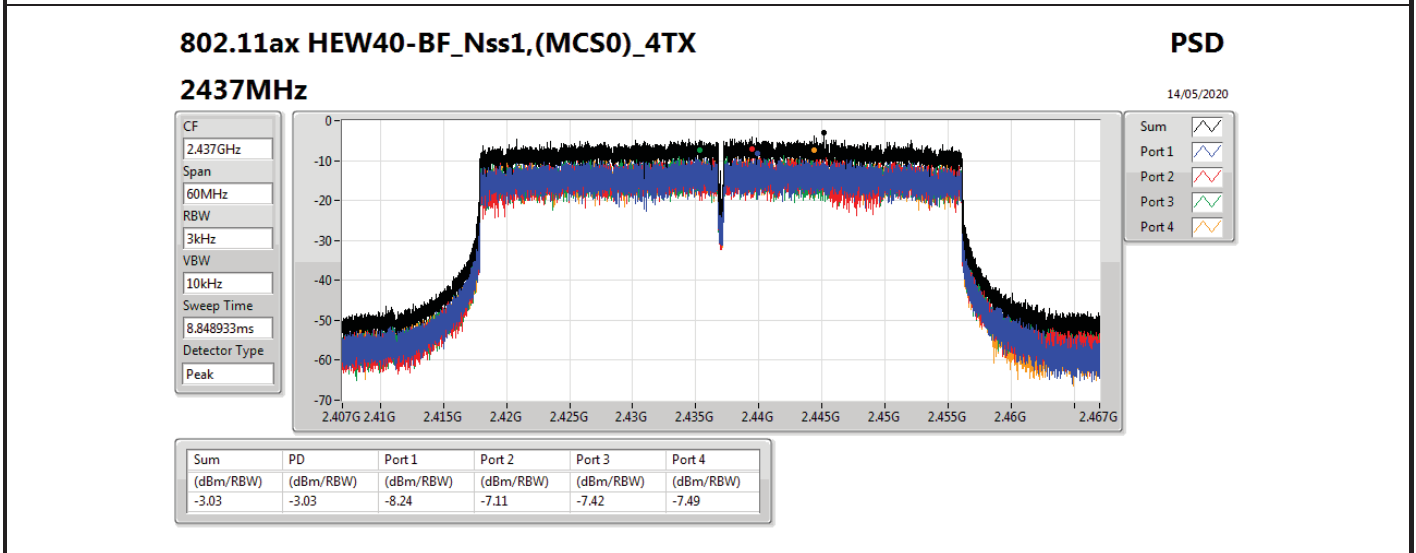
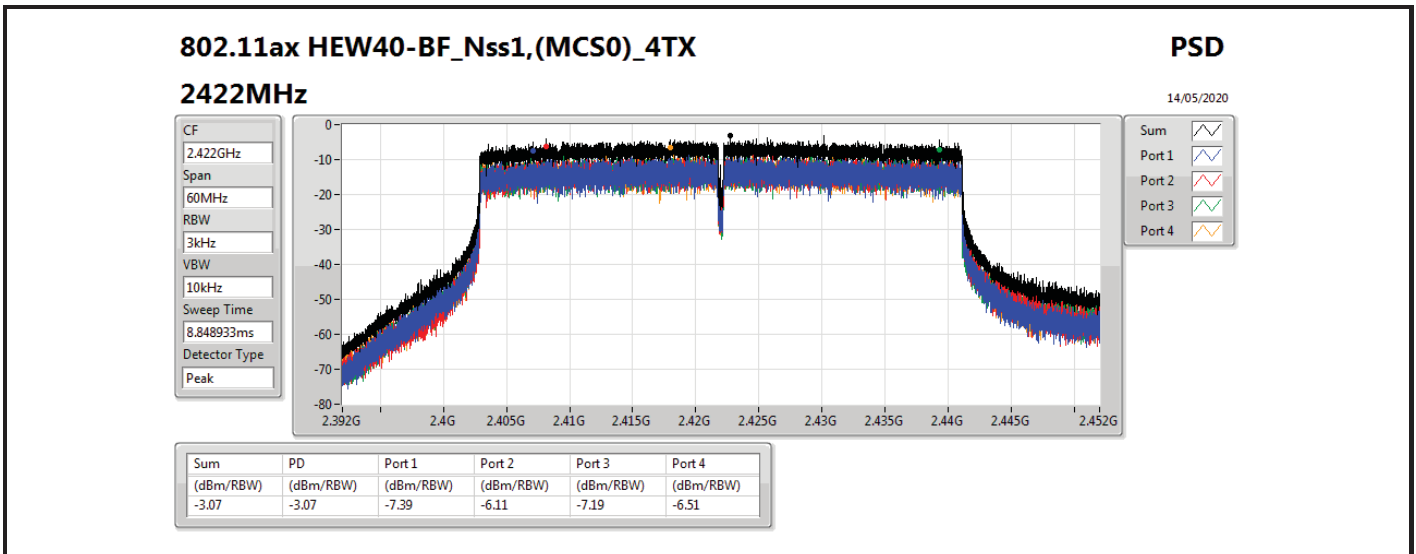
| Mode | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | Port 3 (dBm/RBW) | Port 4 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| VHT20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -4.53 | -3.55 | -3.76 | -4.46 | 0.18 | 7.10 |
| 2437MHz | Pass | 6.90 | -4.41 | -2.67 | -4.08 | -3.01 | 0.32 | 7.10 |
| 2462MHz | Pass | 6.90 | -5.56 | -3.90 | -4.78 | -3.26 | -0.33 | 7.10 |
| VHT40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | -6.97 | -5.83 | -7.30 | -6.11 | -3.28 | 7.10 |
| 2437MHz | Pass | 6.90 | -6.08 | -7.90 | -7.39 | -6.82 | -3.80 | 7.10 |
| 2452MHz | Pass | 6.90 | -6.01 | -6.10 | -6.62 | -6.73 | -2.43 | 7.10 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 6.90 | -5.20 | -3.77 | -3.22 | -4.06 | -0.77 | 7.10 |
| 2437MHz | Pass | 6.90 | -3.62 | -3.41 | -4.49 | -3.54 | 0.54 | 7.10 |
| 2462MHz | Pass | 6.90 | -5.04 | -4.21 | -4.60 | -4.19 | -1.19 | 7.10 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 6.90 | -7.39 | -6.11 | -7.19 | -6.51 | -3.07 | 7.10 |
| 2437MHz | Pass | 6.90 | -8.24 | -7.11 | -7.42 | -7.49 | -3.03 | 7.10 |
| 2452MHz | Pass | 6.90 | -4.75 | -6.01 | -5.36 | -7.09 | -2.81 | 7.10 |

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











Summary

| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11b_Nss1,(1Mbps)_4TX | Pass | 2.43799G | 16.67 | -13.33 | 2.12962G | -53.87 | 2.4G | -37.11 | 2.4G | -35.57 | 2.51434G | -52.49 | 24.01665G | -42.20 | 3 |
| 802.11g_Nss1,(6Mbps)_4TX | Pass | 2.40697G | 13.26 | -16.74 | 2.10865G | -54.11 | 2.39988G | -19.65 | 2.4G | -21.49 | 2.4854G | -50.34 | 16.3915G | -41.62 | 3 |
| VHT20_Nss1,(MCS0)_4TX | Pass | 2.40697G | 13.02 | -16.98 | 2.12962G | -54.20 | 2.39952G | -17.12 | 2.4G | -19.71 | 2.48598G | -50.93 | 23.25245G | -42.12 | 4 |
| VHT40_Nss1,(MCS0)_4TX | Pass | 2.442G | 11.00 | -19.00 | 2.30712G | -53.36 | 2.39884G | -23.42 | 2.4G | -25.69 | 2.52642G | -51.84 | 24.84575G | -41.86 | 4 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass | 2.41449G | 13.62 | -16.38 | 2.14972G | -53.34 | 2.39984G | -16.46 | 2.4G | -19.14 | 2.50928G | -51.89 | 24.88762G | -40.61 | 3 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass | 2.42572G | 10.21 | -19.79 | 2.30912G | -52.50 | 2.39952G | -21.12 | 2.4G | -23.94 | 2.5131G | -51.79 | 23.13497G | -41.53 | 4 |



Result

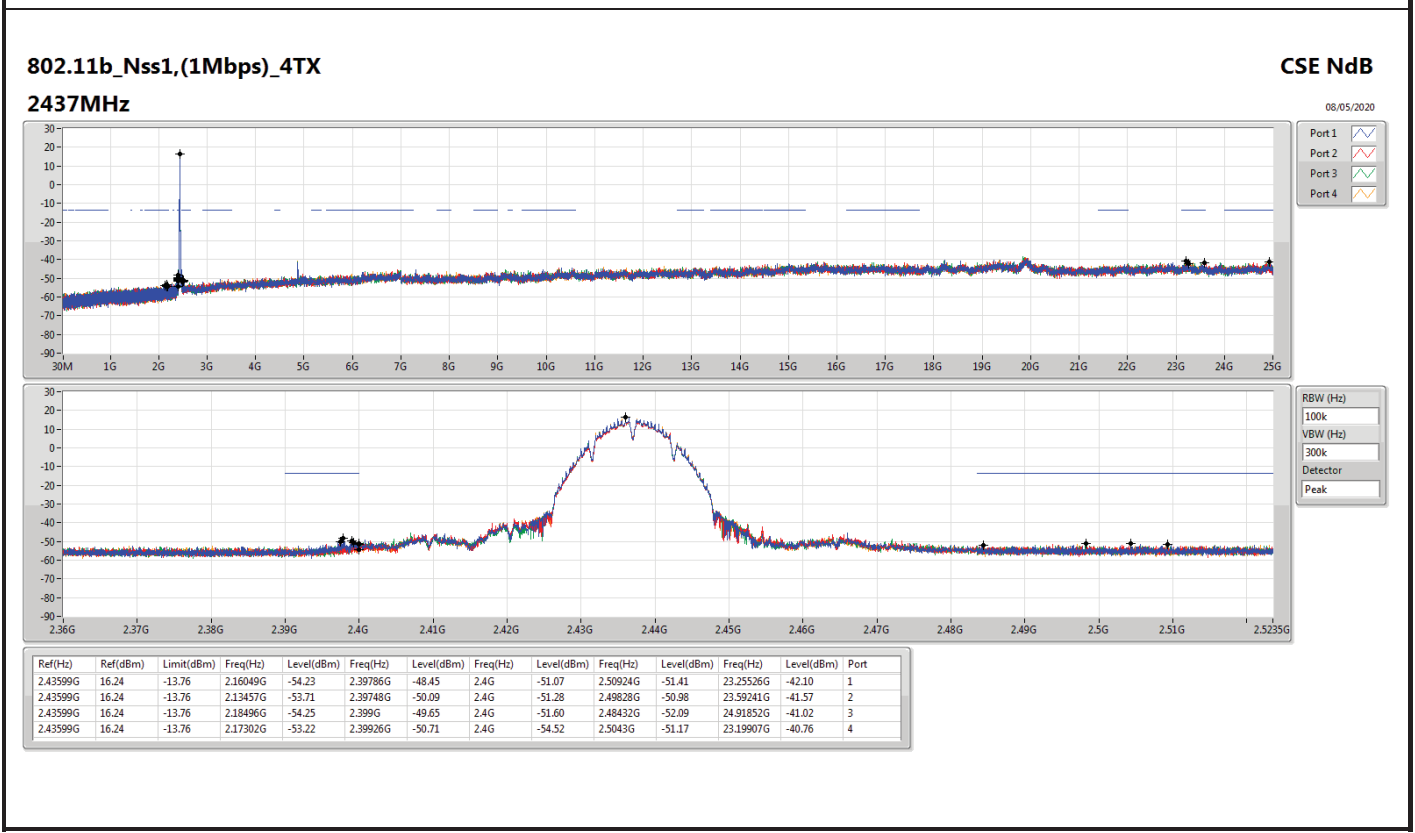
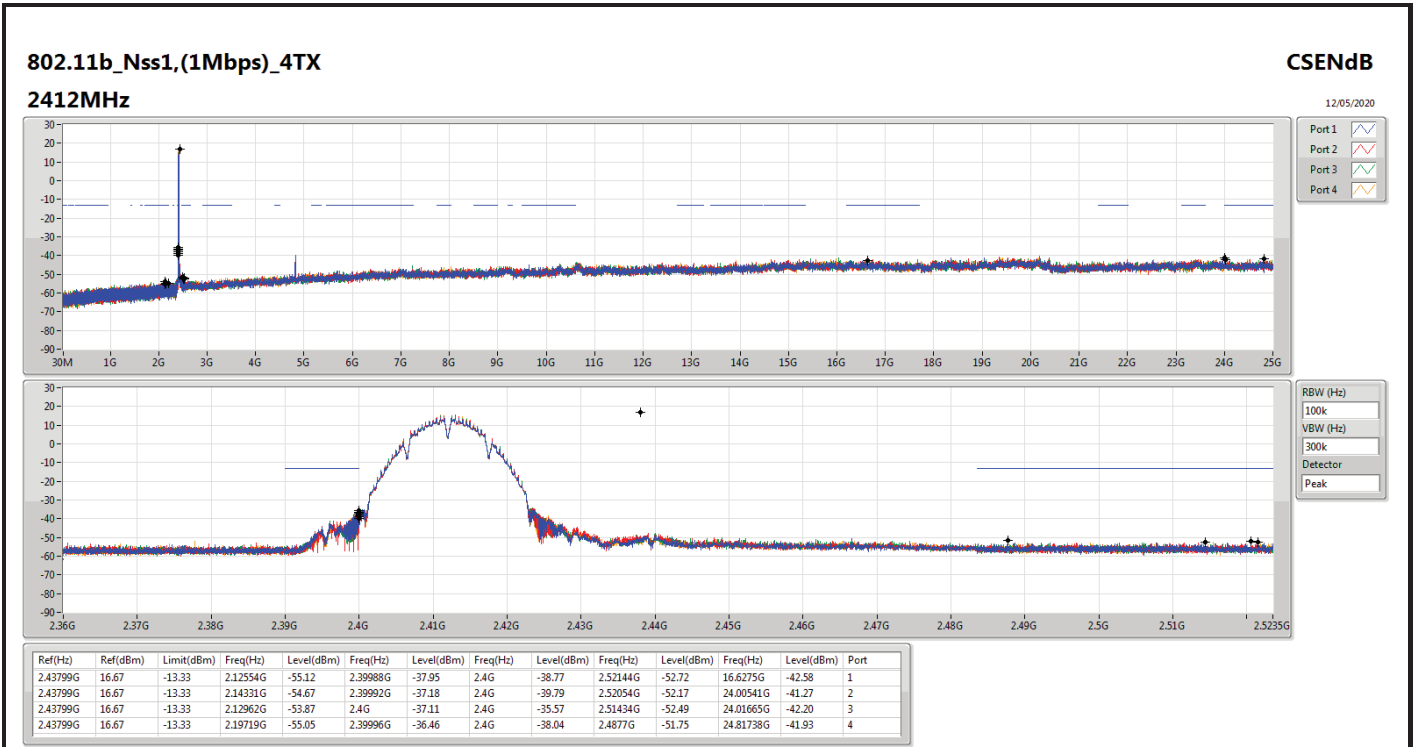
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.12554G | -55.12 | 2.39988G | -37.95 | 2.4G | -38.77 | 2.52144G | -52.72 | 16.6275G | -42.58 | 1 |
| 2412MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.14331G | -54.67 | 2.39992G | -37.18 | 2.4G | -39.79 | 2.52054G | -52.17 | 24.00541G | -41.27 | 2 |
| 2412MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.12962G | -53.87 | 2.4G | -37.11 | 2.4G | -35.57 | 2.51434G | -52.49 | 24.01665G | -42.20 | 3 |
| 2412MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.19719G | -55.05 | 2.39996G | -36.46 | 2.4G | -38.04 | 2.4877G | -51.75 | 24.81738G | -41.93 | 4 |
| 2437MHz | Pass | 2.43599G | 16.24 | -13.76 | 2.16049G | -54.23 | 2.39786G | -48.45 | 2.4G | -51.07 | 2.50924G | -51.41 | 23.25526G | -42.10 | 1 |
| 2437MHz | Pass | 2.43599G | 16.24 | -13.76 | 2.13457G | -53.71 | 2.39748G | -50.09 | 2.4G | -51.28 | 2.49828G | -50.98 | 23.59241G | -41.57 | 2 |
| 2437MHz | Pass | 2.43599G | 16.24 | -13.76 | 2.18496G | -54.25 | 2.399G | -49.65 | 2.4G | -51.60 | 2.48432G | -52.09 | 24.91852G | -41.02 | 3 |
| 2437MHz | Pass | 2.43599G | 16.24 | -13.76 | 2.17302G | -53.22 | 2.39926G | -50.71 | 2.4G | -54.52 | 2.5043G | -51.17 | 23.19907G | -40.76 | 4 |
| 2462MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.15234G | -55.05 | 2.39998G | -50.71 | 2.4G | -51.93 | 2.49478G | -52.54 | 24.89043G | -41.42 | 1 |
| 2462MHz | Pass | 2.43799G | 16.67 | -13.33 | 1.84187G | -54.42 | 2.39998G | -52.25 | 2.4G | -53.44 | 2.51926G | -52.61 | 23.2946G | -41.88 | 2 |
| 2462MHz | Pass | 2.43799G | 16.67 | -13.33 | 2.09205G | -54.56 | 2.39878G | -52.46 | 2.4G | -53.74 | 2.4957G | -52.58 | 24.76962G | -41.33 | 3 |
| 2462MHz | Pass | 2.43799G | 16.67 | -13.33 | 1.97846G | -54.75 | 2.39774G | -53.24 | 2.4835G | -55.38 | 2.51244G | -52.50 | 15.33791G | -41.58 | 4 |
| 802.11g_Nss1,(6Mbps)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.11244G | -53.16 | 2.39914G | -21.12 | 2.4G | -21.62 | 2.51208G | -51.48 | 24.89324G | -41.38 | 1 |
| 2412MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.14069G | -52.28 | 2.39928G | -21.47 | 2.4G | -21.55 | 2.50198G | -51.47 | 16.90284G | -41.29 | 2 |
| 2412MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.10865G | -54.11 | 2.39988G | -19.65 | 2.4G | -21.49 | 2.4854G | -50.34 | 16.3915G | -41.62 | 3 |
| 2412MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.1136G | -54.40 | 2.39916G | -20.39 | 2.4G | -21.10 | 2.50144G | -51.40 | 24.89043G | -40.79 | 4 |
| 2437MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.30932G | -53.63 | 2.39792G | -47.72 | 2.4G | -49.36 | 2.5037G | -51.75 | 23.57836G | -41.65 | 1 |
| 2437MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.13894G | -53.30 | 2.3999G | -47.88 | 2.4G | -49.01 | 2.49174G | -50.38 | 21.48805G | -41.56 | 2 |
| 2437MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.1072G | -54.36 | 2.39994G | -47.89 | 2.4G | -48.81 | 2.51002G | -51.25 | 24.55609G | -42.13 | 3 |
| 2437MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.13545G | -53.36 | 2.39978G | -48.02 | 2.4G | -49.64 | 2.4986G | -51.75 | 24.95505G | -41.38 | 4 |
| 2462MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.11419G | -54.22 | 2.39998G | -49.25 | 2.4G | -49.71 | 2.48356G | -50.97 | 16.69212G | -41.76 | 1 |
| 2462MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.15554G | -54.04 | 2.39814G | -50.64 | 2.4G | -51.59 | 2.4841G | -50.30 | 21.99939G | -41.11 | 2 |
| 2462MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.13457G | -53.07 | 2.39922G | -49.15 | 2.4G | -51.46 | 2.48388G | -49.52 | 24.89043G | -41.52 | 3 |
| 2462MHz | Pass | 2.40697G | 13.26 | -16.74 | 2.12438G | -53.76 | 2.39968G | -50.07 | 2.4G | -50.90 | 2.48448G | -46.57 | 24.86233G | -41.34 | 4 |
| VHT20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.19137G | -53.29 | 2.39988G | -19.47 | 2.4G | -23.03 | 2.4984G | -51.70 | 16.6837G | -41.17 | 1 |
| 2412MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.13865G | -53.47 | 2.39952G | -19.39 | 2.4G | -23.96 | 2.49304G | -51.77 | 21.9151G | -41.37 | 2 |
| 2412MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.08186G | -52.96 | 2.39992G | -17.74 | 2.4G | -21.80 | 2.4866G | -51.32 | 23.5025G | -41.47 | 3 |
| 2412MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.12962G | -54.20 | 2.39952G | -17.12 | 2.4G | -19.71 | 2.48598G | -50.93 | 23.25245G | -42.12 | 4 |
| 2437MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.19486G | -53.47 | 2.39984G | -47.23 | 2.4G | -48.35 | 2.49896G | -51.71 | 24.89605G | -40.93 | 1 |
| 2437MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.11477G | -53.27 | 2.39986G | -47.35 | 2.4G | -48.33 | 2.49962G | -51.77 | 23.53341G | -41.14 | 2 |
| 2437MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.1136G | -53.91 | 2.39918G | -47.73 | 2.4G | -48.36 | 2.48712G | -51.28 | 17.08265G | -41.41 | 3 |
| 2437MHz | Pass | 2.40697G | 13.02 | -16.98 | 1.99186G | -53.74 | 2.3995G | -46.35 | 2.4G | -49.52 | 2.50112G | -51.59 | 24.88481G | -42.05 | 4 |
| 2462MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.13952G | -53.25 | 2.39926G | -49.02 | 2.4G | -48.97 | 2.5061G | -51.03 | 23.24121G | -41.16 | 1 |
| 2462MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.06176G | -53.65 | 2.3972G | -50.34 | 2.4835G | -51.14 | 2.48416G | -49.84 | 24.9129G | -40.86 | 2 |
| 2462MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.09292G | -53.49 | 2.39756G | -49.53 | 2.4G | -48.53 | 2.48354G | -49.02 | 23.29741G | -41.82 | 3 |
| 2462MHz | Pass | 2.40697G | 13.02 | -16.98 | 2.08302G | -53.98 | 2.39938G | -50.08 | 2.4G | -50.65 | 2.4851G | -48.94 | 23.22998G | -41.54 | 4 |
| VHT40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 2.442G | 11.00 | -19.00 | 2.10245G | -53.18 | 2.39916G | -25.37 | 2.4G | -26.18 | 2.48834G | -51.10 | 15.06624G | -41.00 | 1 |
| 2422MHz | Pass | 2.442G | 11.00 | -19.00 | 1.8454G | -53.47 | 2.39956G | -24.99 | 2.4G | -26.12 | 2.5195G | -51.81 | 24.91025G | -41.00 | 2 |
| 2422MHz | Pass | 2.442G | 11.00 | -19.00 | 2.14911G | -53.78 | 2.39932G | -25.18 | 2.4G | -26.63 | 2.4855G | -51.58 | 15.21208G | -41.78 | 3 |
| 2422MHz | Pass | 2.442G | 11.00 | -19.00 | 2.30712G | -53.36 | 2.39884G | -23.42 | 2.4G | -25.69 | 2.52642G | -51.84 | 24.84575G | -41.86 | 4 |
| 2437MHz | Pass | 2.442G | 11.00 | -19.00 | 2.13251G | -53.51 | 2.39948G | -26.93 | 2.4G | -31.05 | 2.5193G | -50.83 | 16.90884G | -40.42 | 1 |
| 2437MHz | Pass | 2.442G | 11.00 | -19.00 | 1.93213G | -53.74 | 2.39992G | -27.80 | 2.4G | -29.16 | 2.48994G | -51.72 | 17.59596G | -40.91 | 2 |
| 2437MHz | Pass | 2.442G | 11.00 | -19.00 | 2.30054G | -53.99 | 2.39952G | -25.49 | 2.4G | -29.72 | 2.49698G | -51.87 | 24.58212G | -41.91 | 3 |
| 2437MHz | Pass | 2.442G | 11.00 | -19.00 | 2.14911G | -53.37 | 2.39932G | -27.94 | 2.4G | -32.04 | 2.50738G | -51.24 | 24.8766G | -41.47 | 4 |

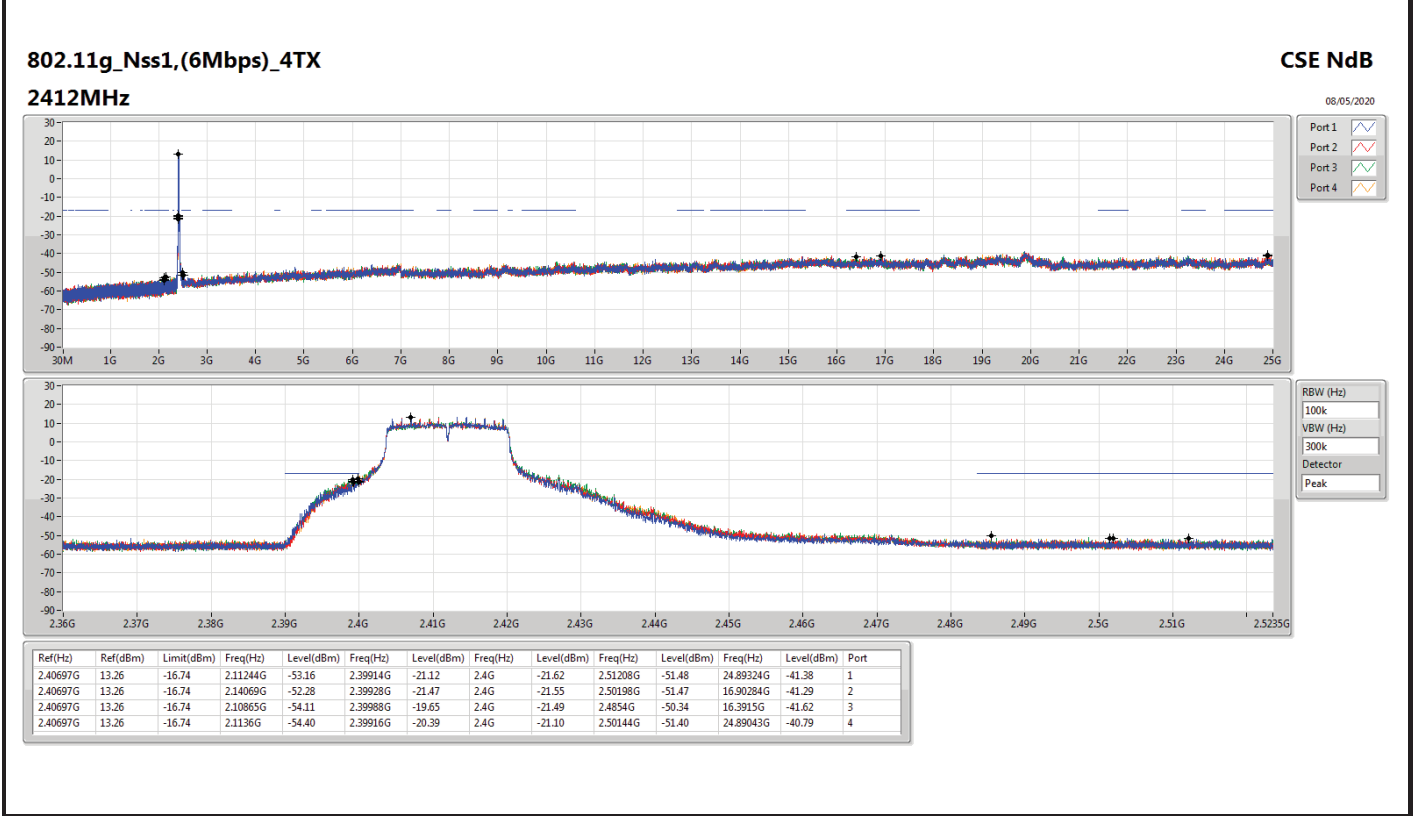
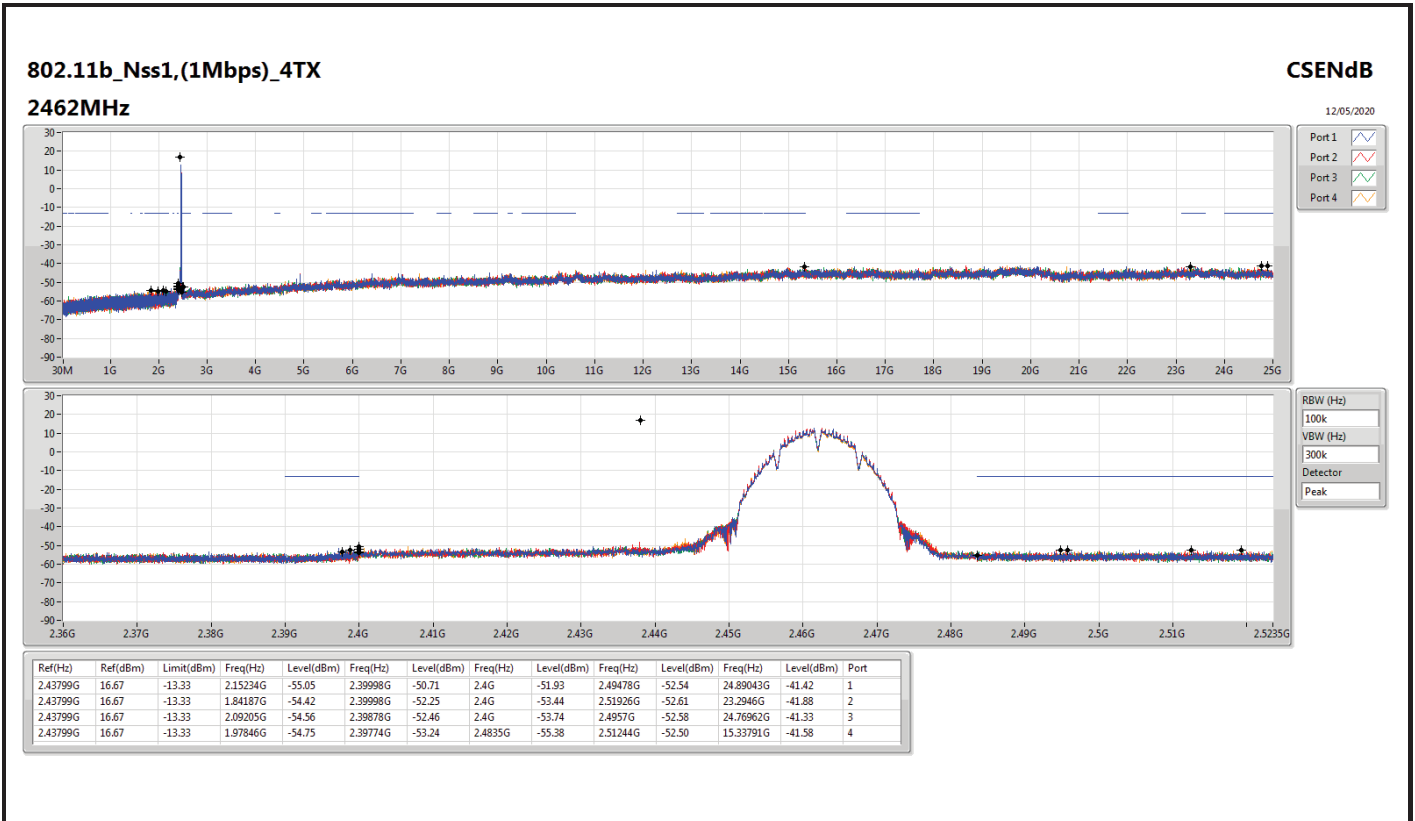


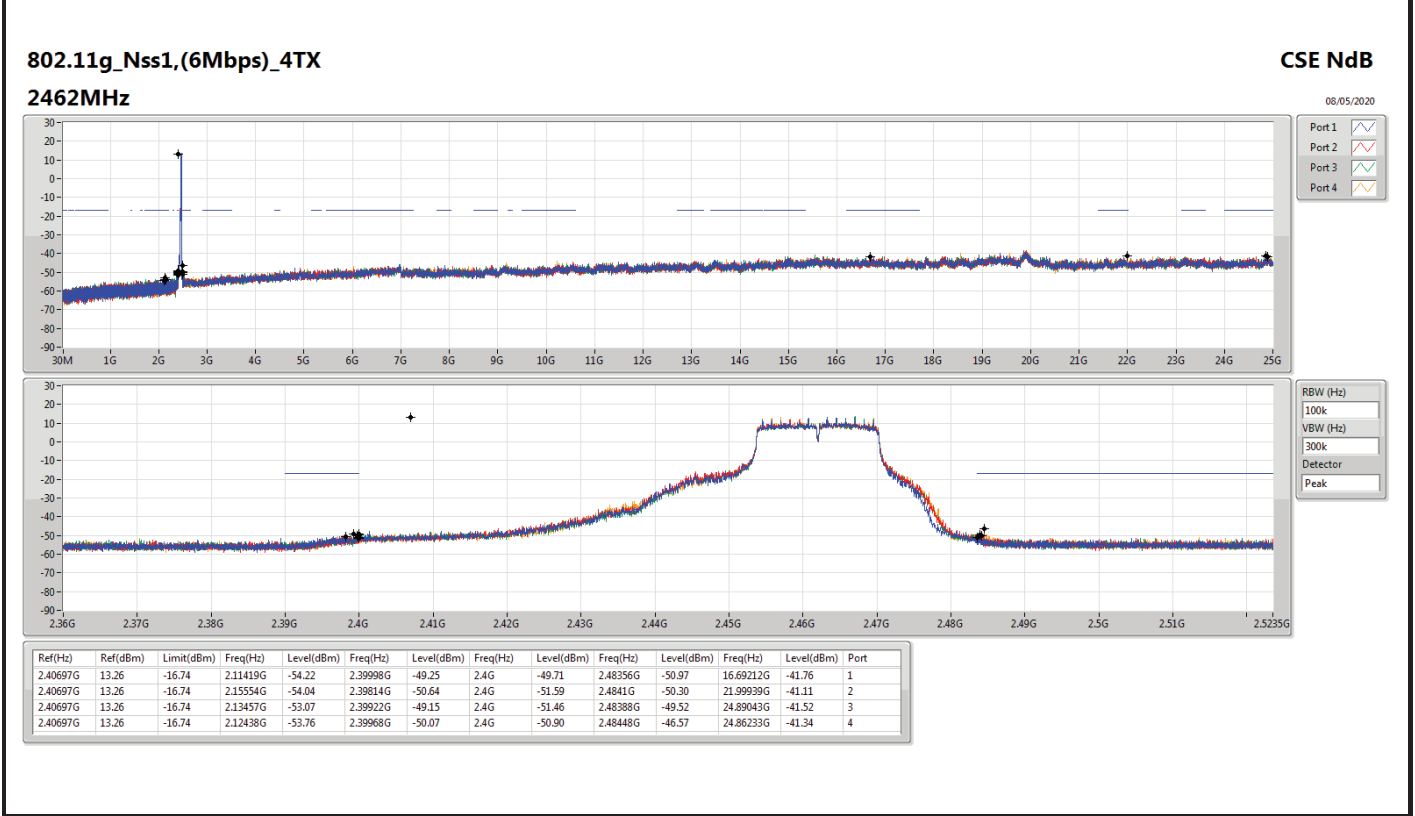
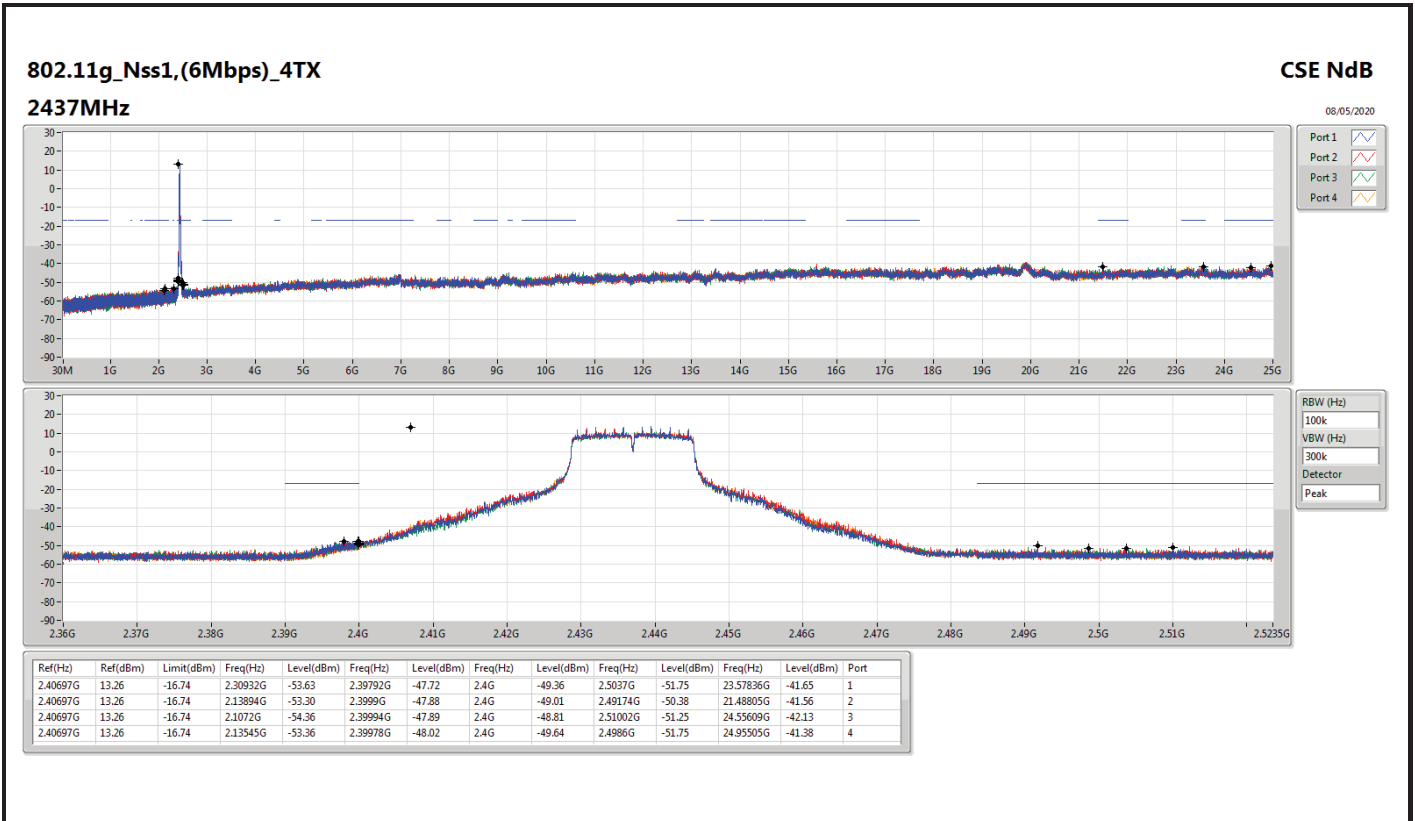
CSE(Non-restricted Band) Non-Beamforming

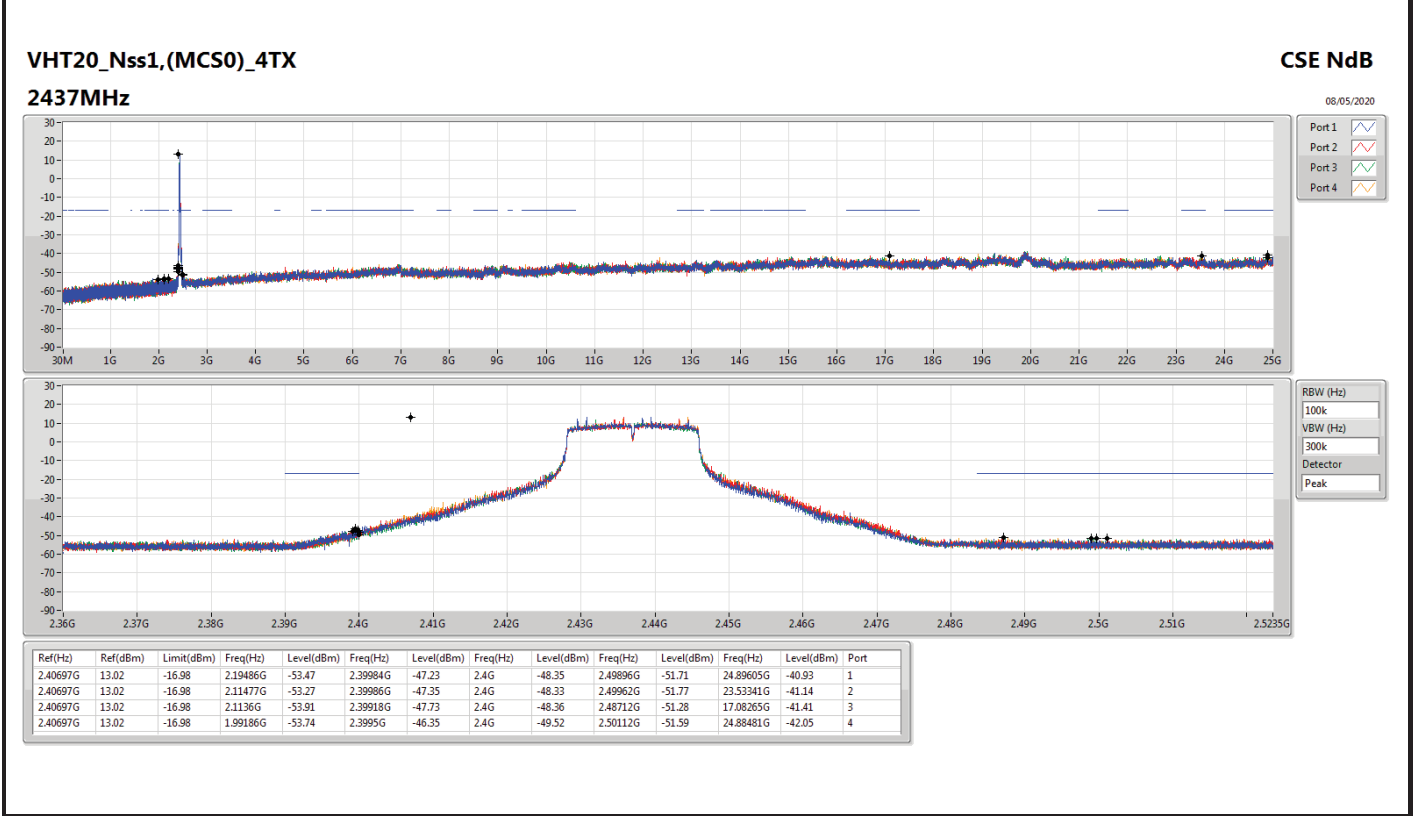
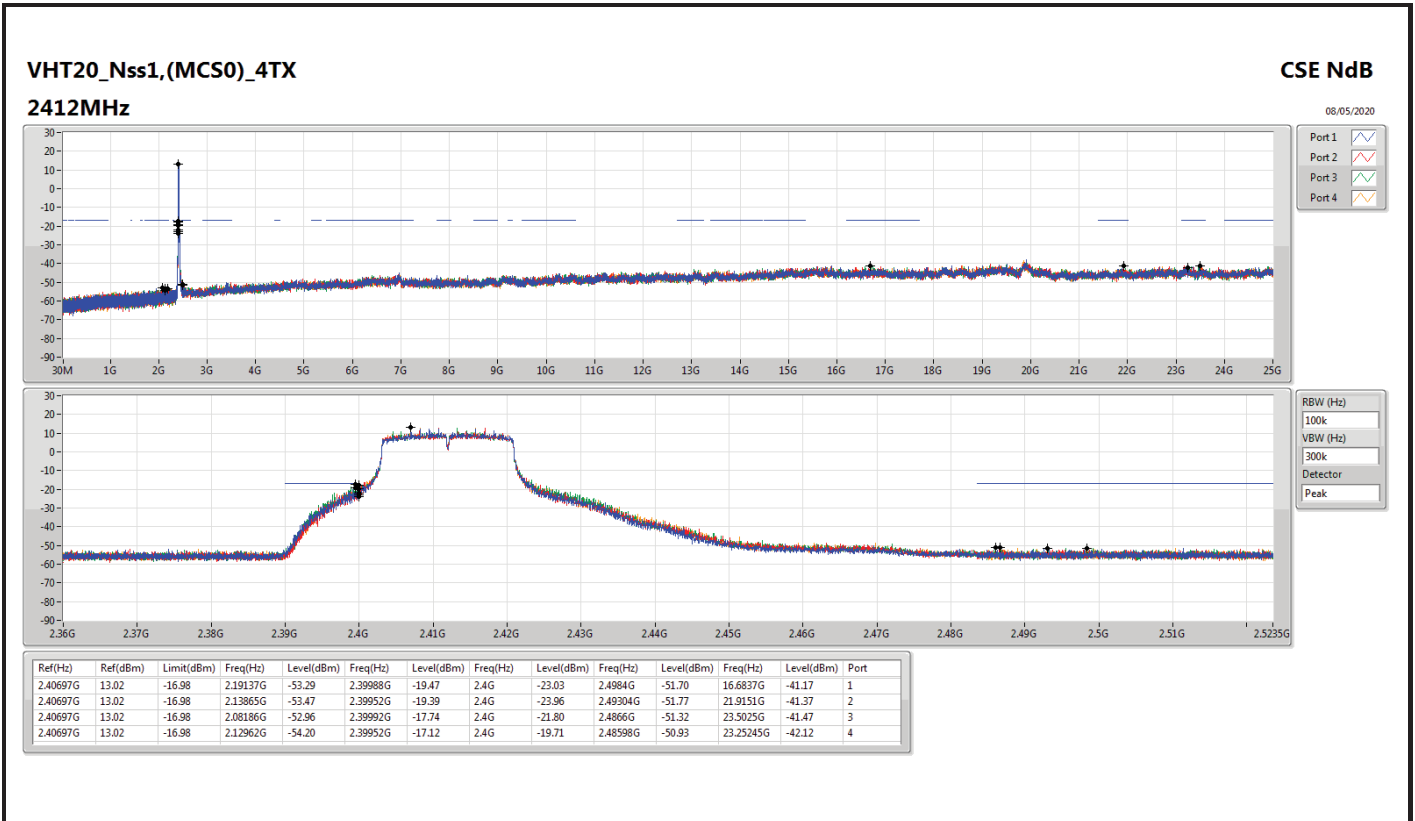
Appendix E.1

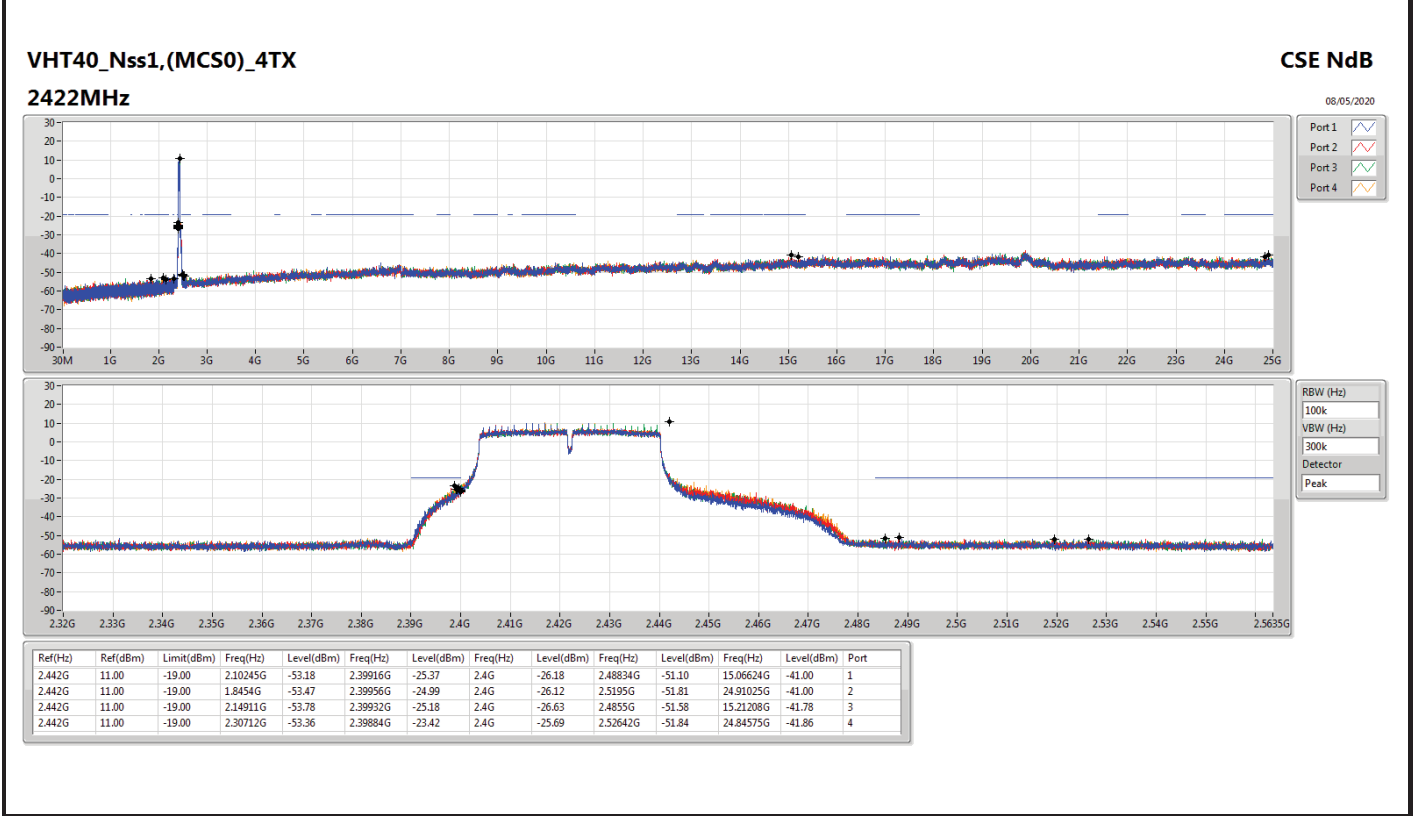
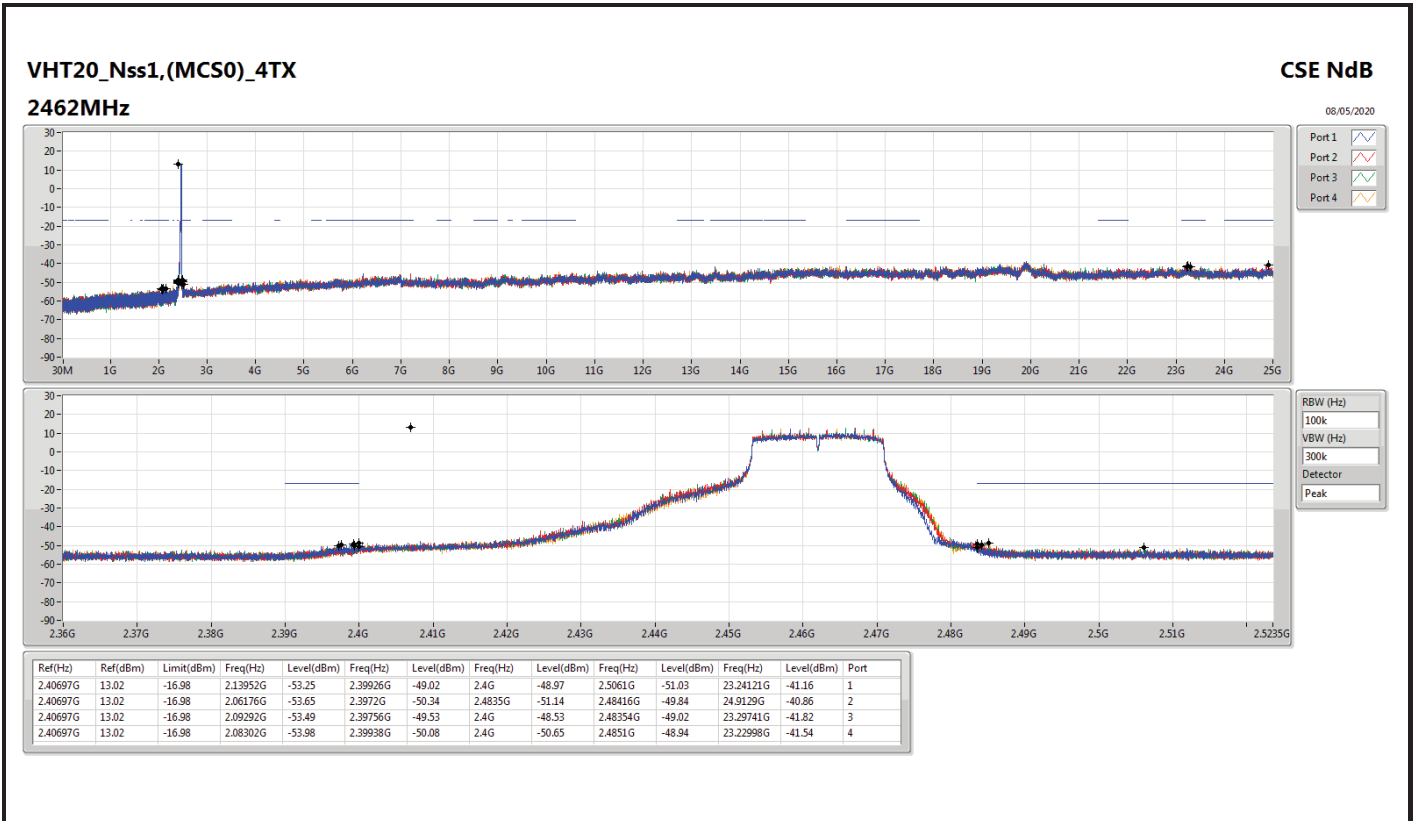
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 2452MHz | Pass | 2.442G | 11.00 | -19.00 | 1.96133G | -53.56 | 2.39956G | -34.73 | 2.4G | -41.19 | 2.48514G | -48.56 | 24.89623G | -41.14 | 1 |
| 2452MHz | Pass | 2.442G | 11.00 | -19.00 | 1.90723G | -53.18 | 2.39888G | -37.95 | 2.4G | -40.48 | 2.4839G | -46.01 | 24.94952G | -41.26 | 2 |
| 2452MHz | Pass | 2.442G | 11.00 | -19.00 | 1.83939G | -53.85 | 2.39916G | -37.39 | 2.4G | -42.19 | 2.4845G | -47.27 | 25G | -41.76 | 3 |
| 2452MHz | Pass | 2.442G | 11.00 | -19.00 | 2.06581G | -53.13 | 2.39992G | -38.39 | 2.4G | -42.47 | 2.48506G | -49.19 | 24.50359G | -41.30 | 4 |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.16224G | -52.81 | 2.39938G | -18.79 | 2.4G | -20.99 | 2.48856G | -51.12 | 24.85671G | -41.70 | 1 |
| 2412MHz | Pass | 2.41449G | 13.62 | -16.38 | 1.95749G | -53.93 | 2.39924G | -17.83 | 2.4G | -20.18 | 2.50894G | -51.70 | 24.90447G | -40.27 | 2 |
| 2412MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.14972G | -53.34 | 2.39984G | -16.46 | 2.4G | -19.14 | 2.50928G | -51.89 | 24.88762G | -40.61 | 3 |
| 2412MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.12729G | -54.02 | 2.39988G | -18.42 | 2.4G | -19.18 | 2.51576G | -51.50 | 21.99658G | -41.42 | 4 |
| 2437MHz | Pass | 2.41449G | 13.62 | -16.38 | 1.98982G | -54.06 | 2.39996G | -44.65 | 2.4G | -46.85 | 2.48652G | -51.34 | 15.04291G | -41.14 | 1 |
| 2437MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.3067G | -52.93 | 2.39994G | -43.42 | 2.4G | -46.14 | 2.51054G | -52.06 | 16.55165G | -40.93 | 2 |
| 2437MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.08739G | -54.20 | 2.39962G | -45.67 | 2.4G | -45.95 | 2.50974G | -51.98 | 24.80052G | -39.62 | 3 |
| 2437MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.10749G | -53.52 | 2.39886G | -45.24 | 2.4G | -47.12 | 2.48706G | -51.18 | 23.22155G | -41.62 | 4 |
| 2462MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.11011G | -54.16 | 2.4G | -49.54 | 2.4G | -50.12 | 2.48454G | -48.63 | 14.87434G | -41.56 | 1 |
| 2462MHz | Pass | 2.41449G | 13.62 | -16.38 | 1.87507G | -53.88 | 2.39866G | -49.72 | 2.4835G | -49.56 | 2.48376G | -47.09 | 23.52217G | -41.24 | 2 |
| 2462MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.014G | -53.76 | 2.39664G | -50.17 | 2.4G | -49.49 | 2.4842G | -48.50 | 15.24801G | -41.65 | 3 |
| 2462MHz | Pass | 2.41449G | 13.62 | -16.38 | 2.30932G | -53.51 | 2.39778G | -49.32 | 2.4835G | -49.31 | 2.48468G | -46.93 | 24.85952G | -41.48 | 4 |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.13251G | -54.28 | 2.39908G | -23.71 | 2.4G | -23.31 | 2.5239G | -51.77 | 24.99159G | -41.20 | 1 |
| 2422MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.30912G | -53.75 | 2.39984G | -22.83 | 2.4G | -25.28 | 2.4995G | -52.01 | 21.929G | -41.09 | 2 |
| 2422MHz | Pass | 2.42572G | 10.21 | -19.79 | 1.88061G | -52.59 | 2.39884G | -21.79 | 2.4G | -24.30 | 2.48542G | -51.39 | 24.85697G | -41.85 | 3 |
| 2422MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.30912G | -52.50 | 2.39952G | -21.12 | 2.4G | -23.94 | 2.5131G | -51.79 | 23.13497G | -41.53 | 4 |
| 2437MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.12478G | -53.11 | 2.3992G | -27.90 | 2.4G | -27.69 | 2.5005G | -51.29 | 24.89343G | -40.55 | 1 |
| 2437MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.30741G | -53.56 | 2.3982G | -28.17 | 2.4G | -31.19 | 2.48454G | -51.94 | 23.24434G | -40.24 | 2 |
| 2437MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.03232G | -53.80 | 2.39952G | -27.79 | 2.4G | -30.18 | 2.48558G | -51.54 | 24.88501G | -41.27 | 3 |
| 2437MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.11905G | -53.78 | 2.39844G | -28.24 | 2.4G | -31.33 | 2.4849G | -51.71 | 15.04661G | -40.49 | 4 |
| 2452MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.15111G | -53.37 | 2.39992G | -35.74 | 2.4G | -36.45 | 2.4847G | -47.72 | 24.89623G | -41.07 | 1 |
| 2452MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.12793G | -54.12 | 2.39956G | -34.93 | 2.4G | -37.35 | 2.4857G | -47.27 | 23.22191G | -41.96 | 2 |
| 2452MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.30426G | -53.26 | 2.39952G | -33.61 | 2.4G | -38.85 | 2.48434G | -46.87 | 23.16582G | -41.37 | 3 |
| 2452MHz | Pass | 2.42572G | 10.21 | -19.79 | 2.13422G | -53.46 | 2.399G | -36.55 | 2.4G | -36.99 | 2.48458G | -46.95 | 23.17423G | -41.32 | 4 |

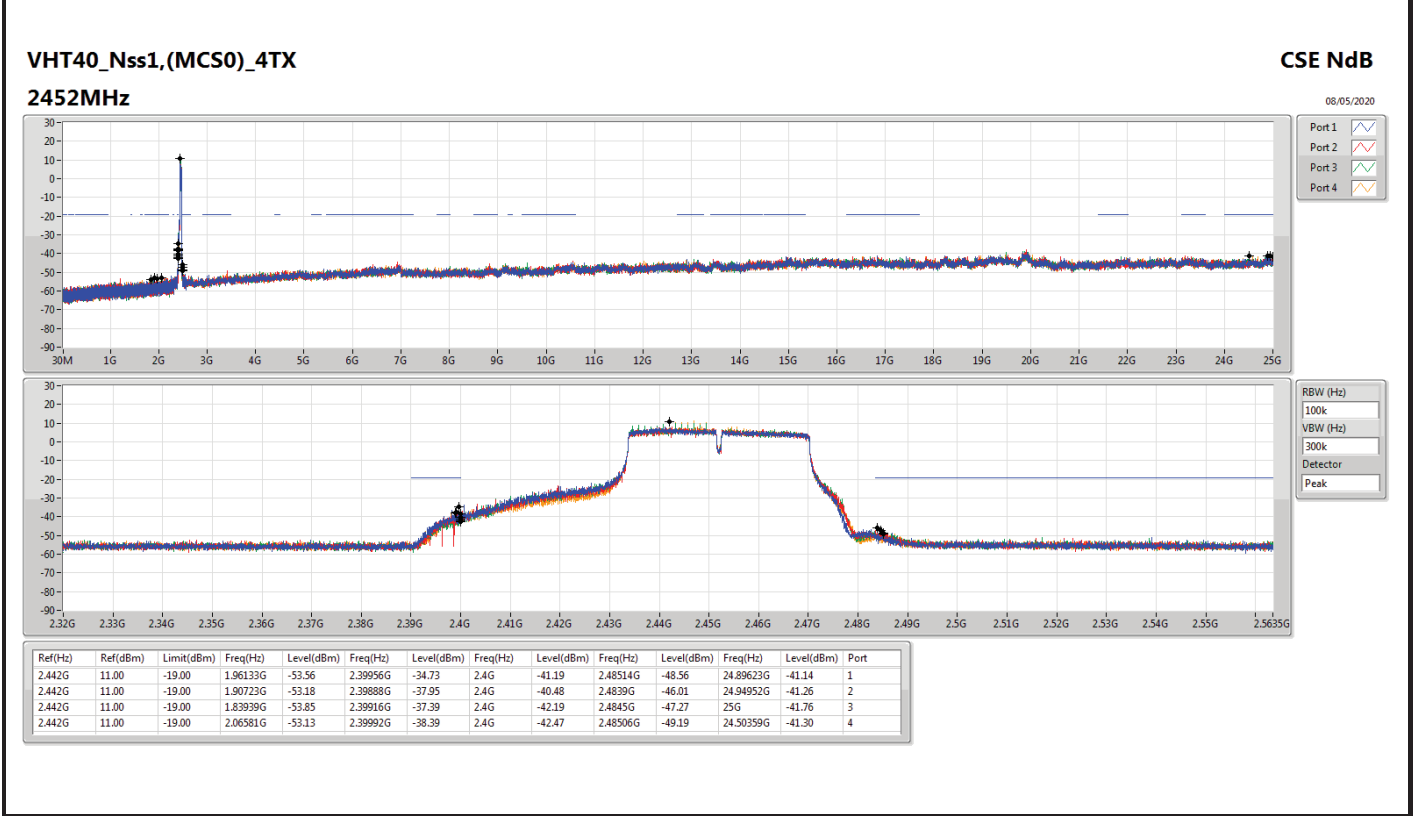
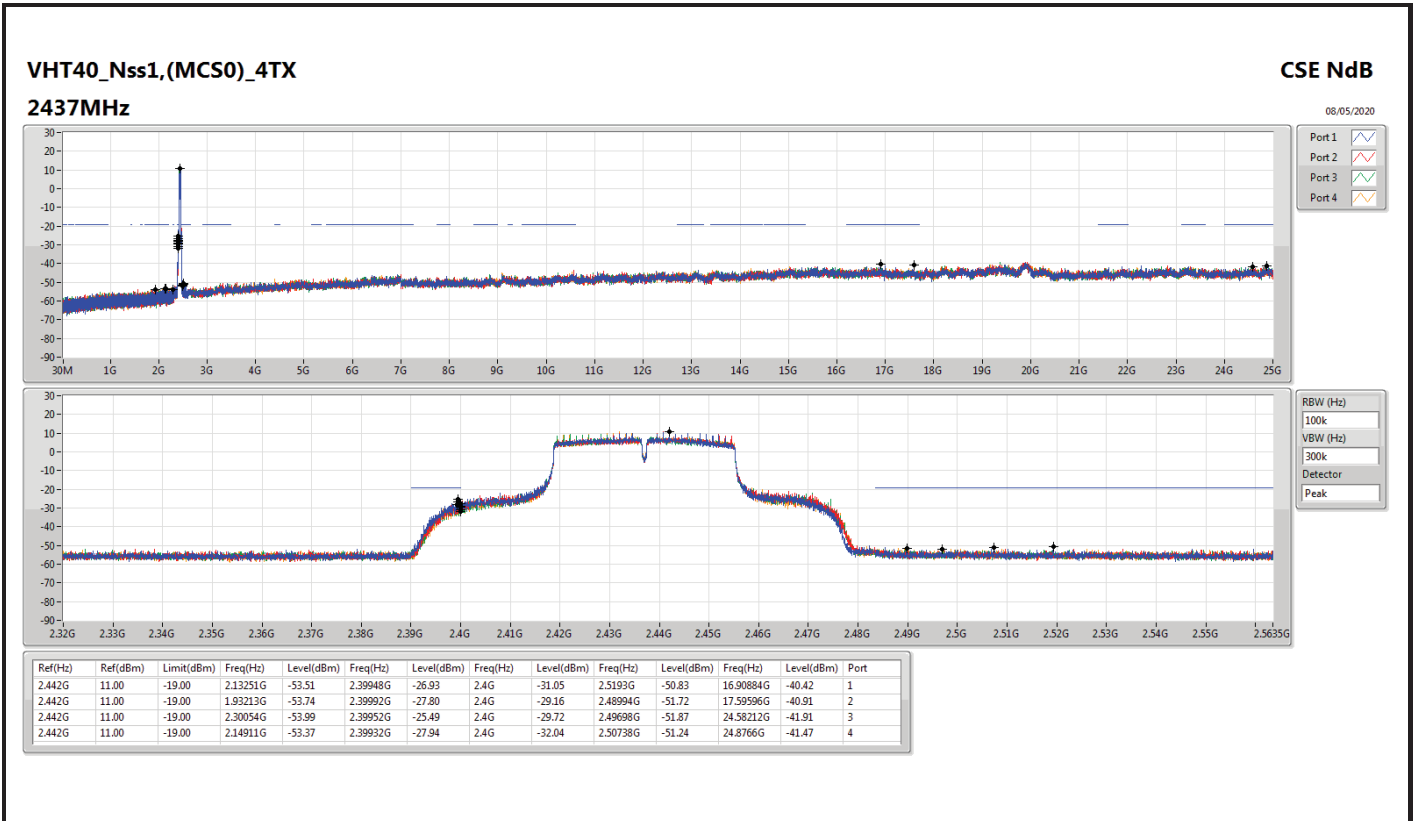


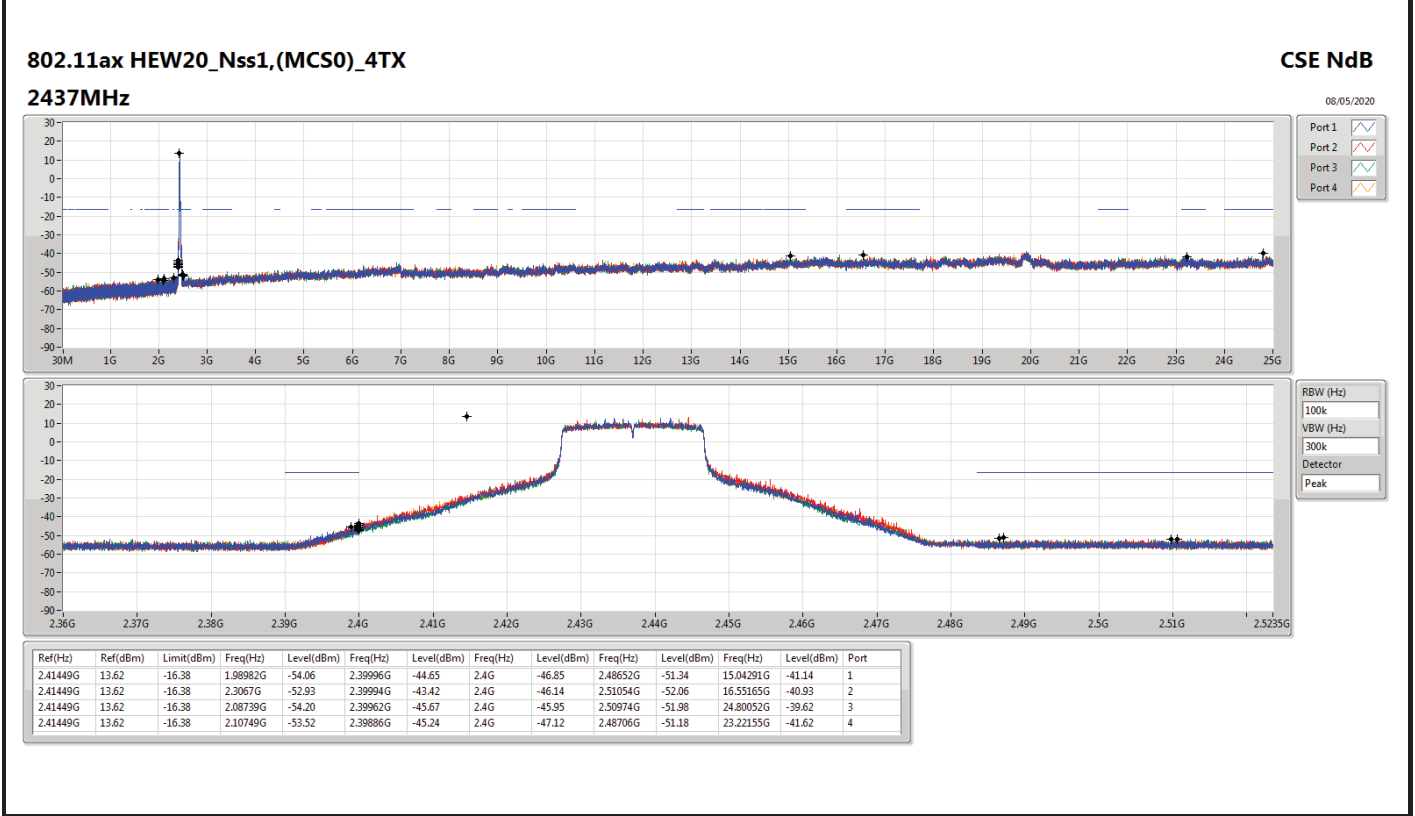
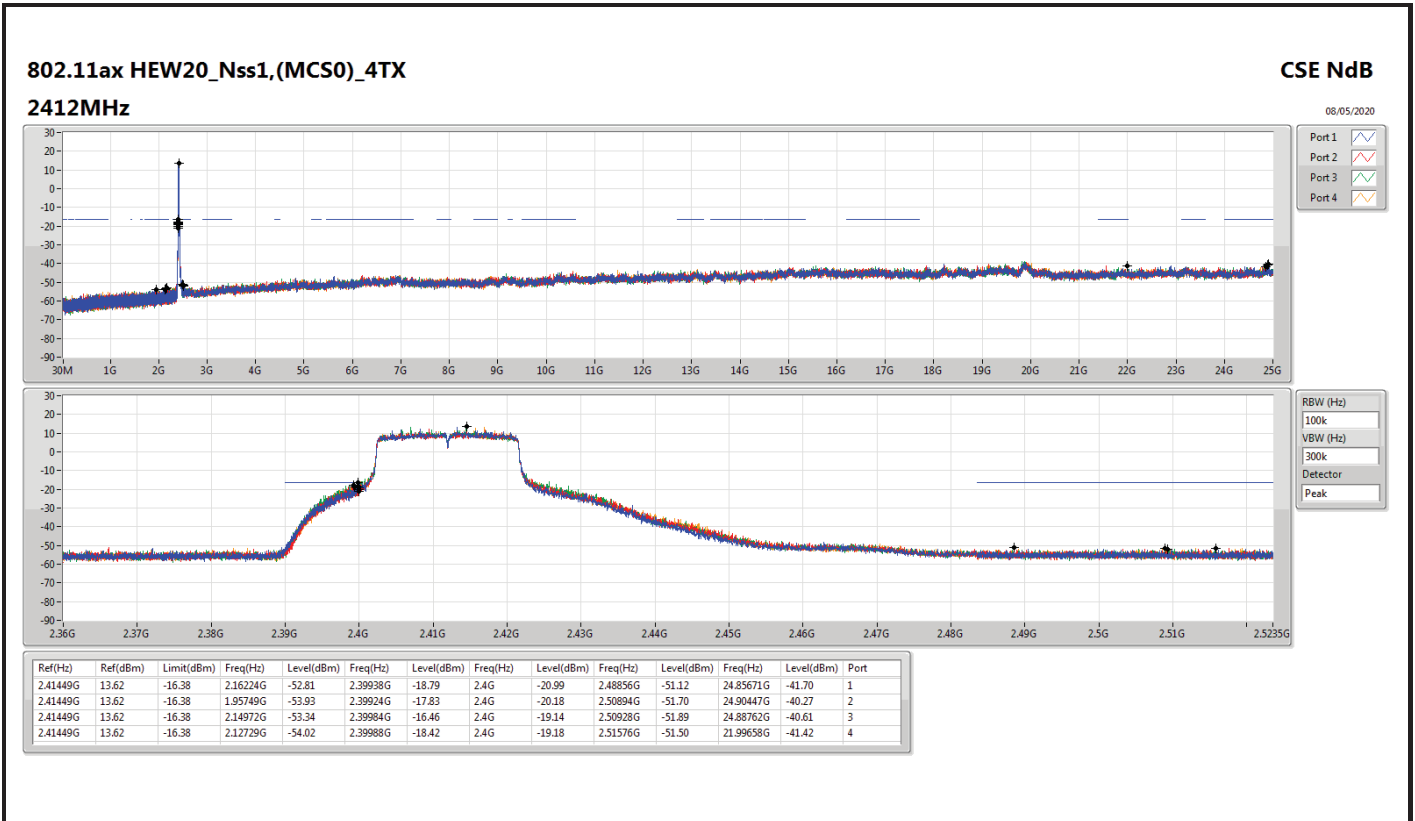


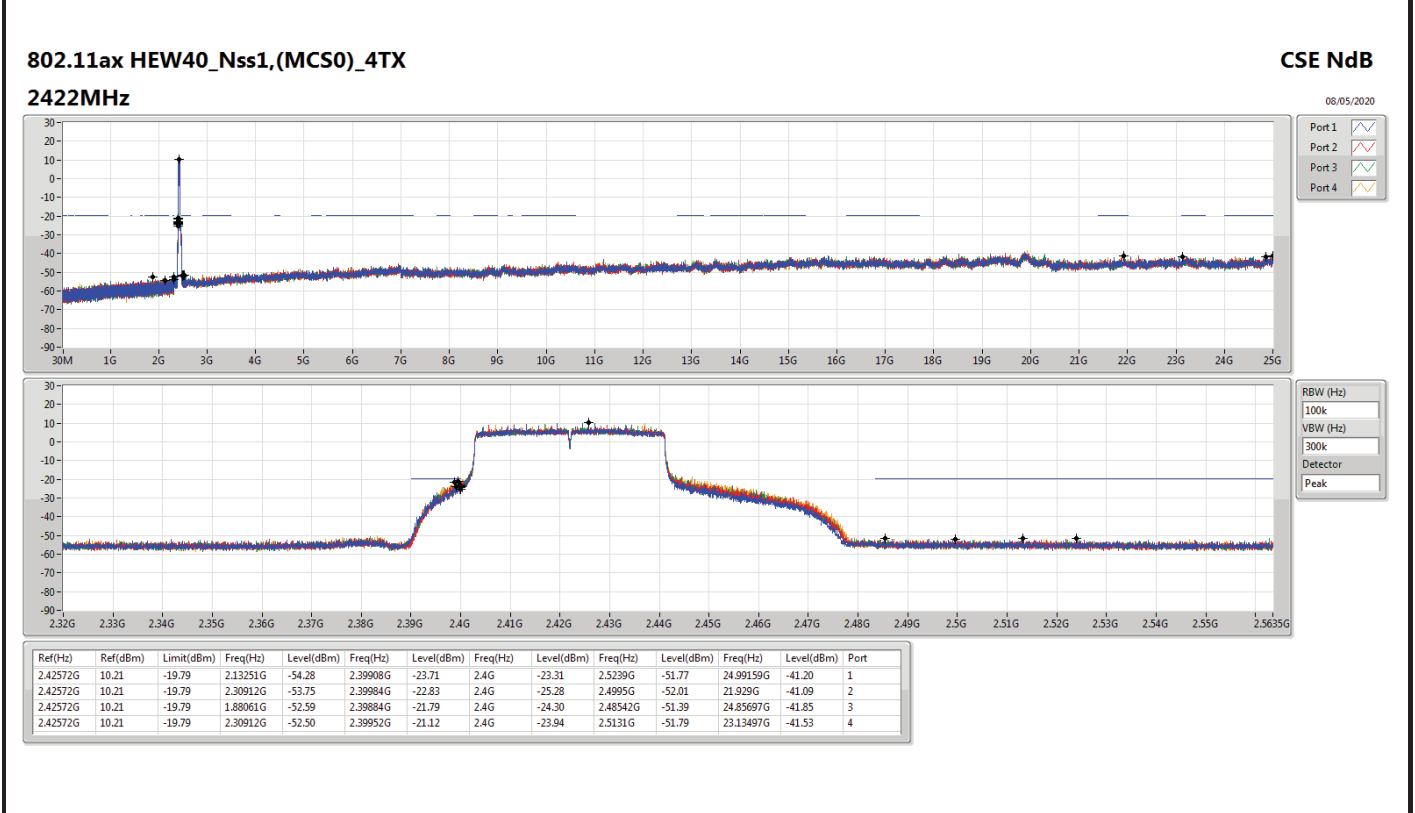
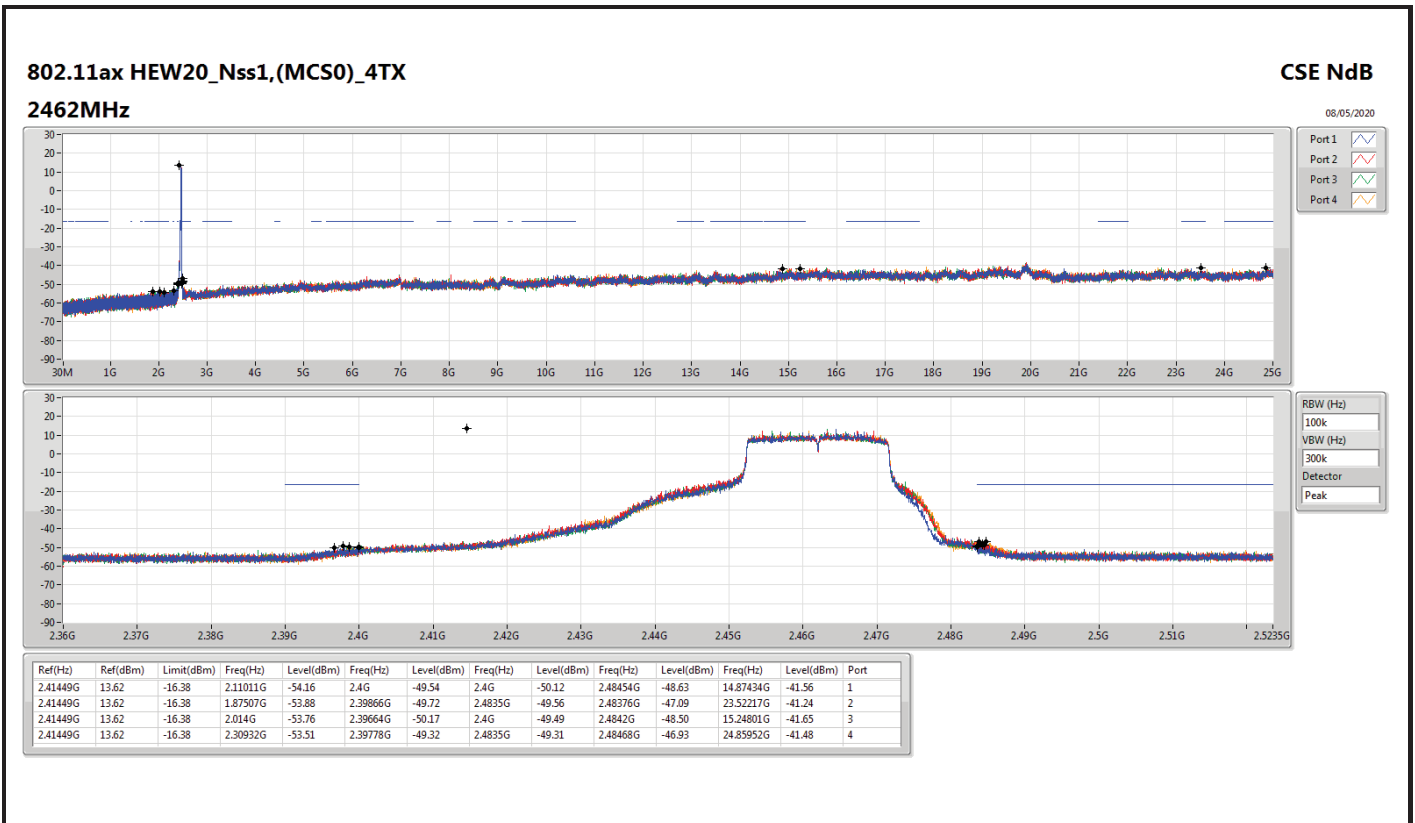


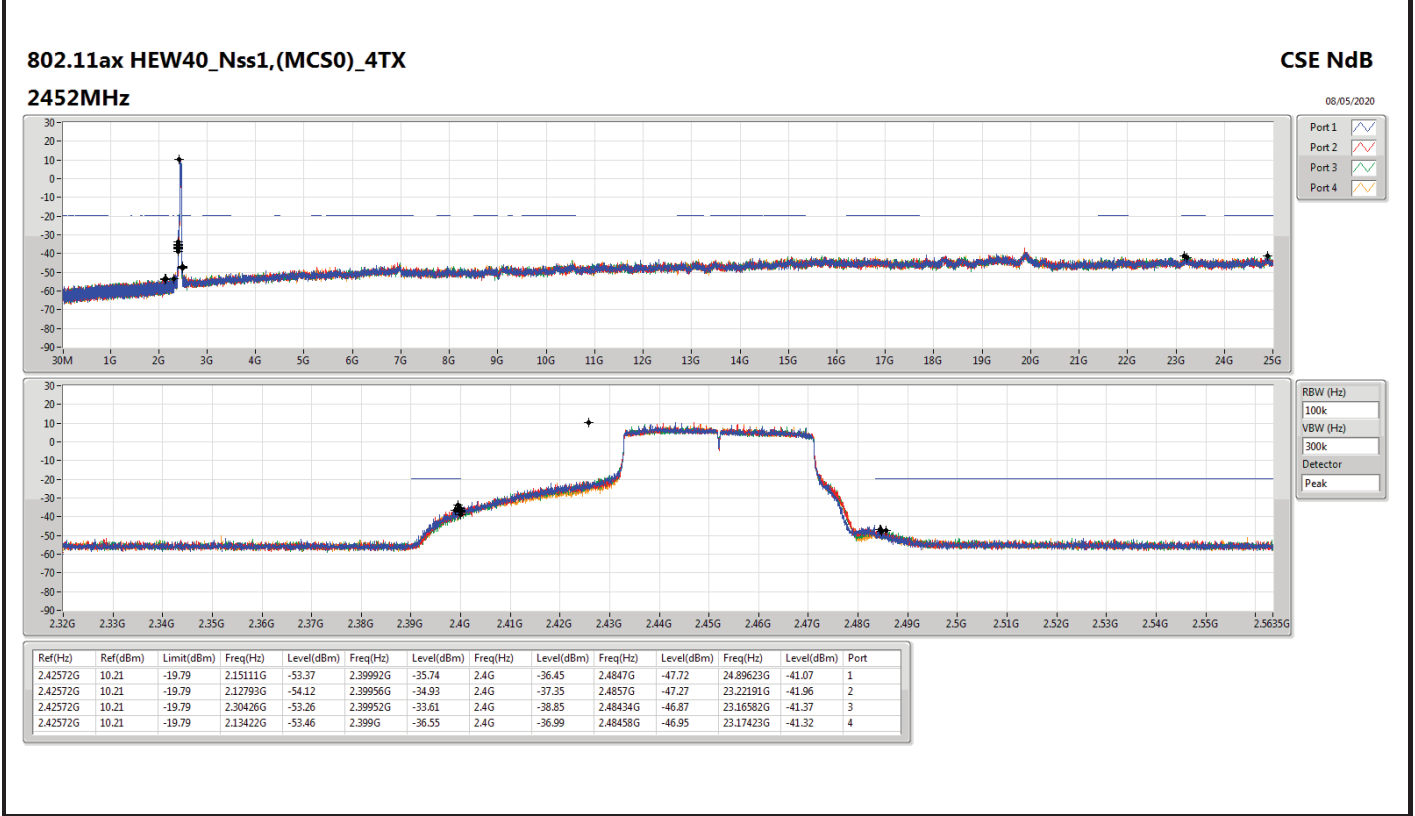
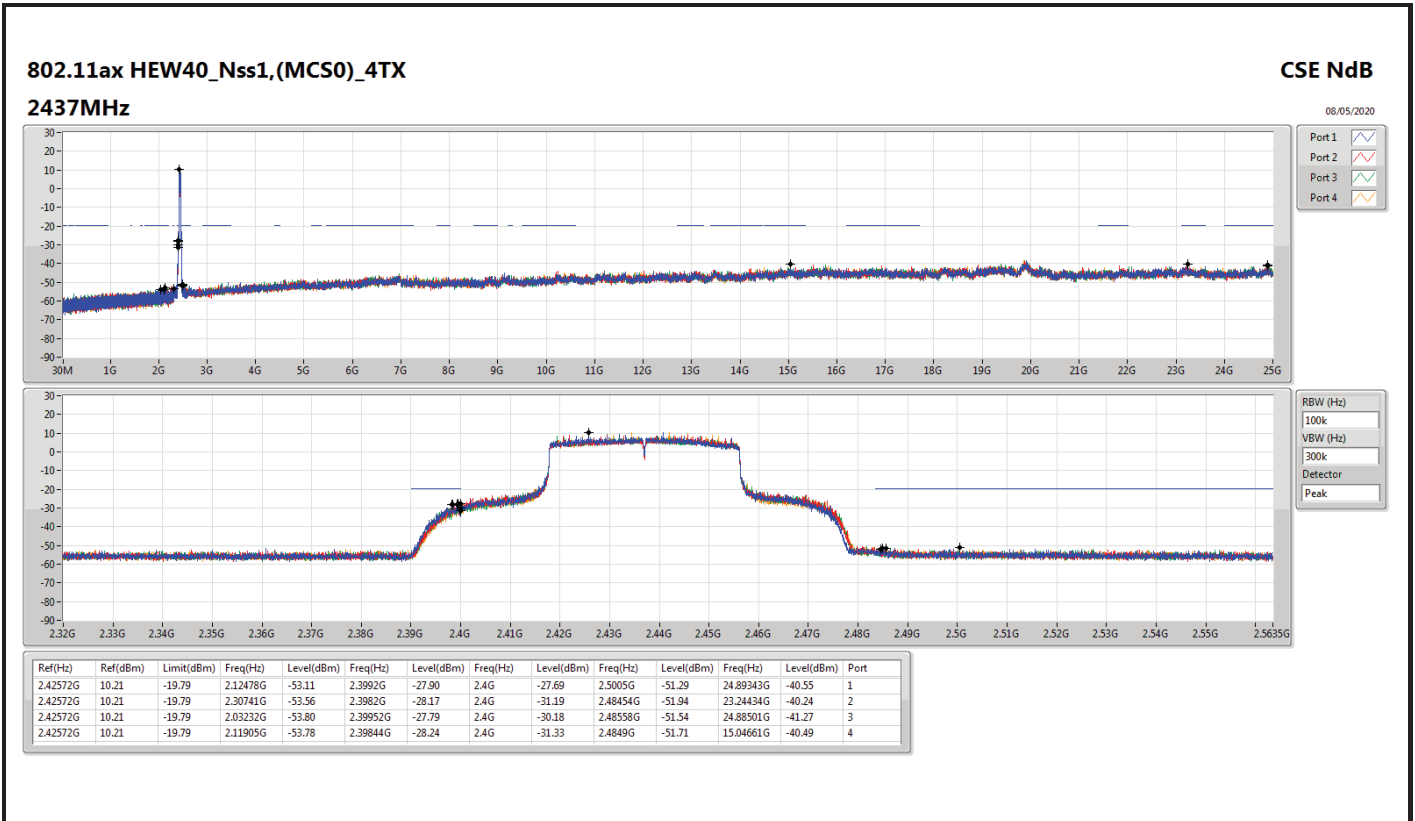














Summary

| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| VHT20-BF_Nss1,(MCS0)_4TX | Pass | 2.442G | 11.23 | -18.77 | 2.06817G | -50.92 | 2.39998G | -27.90 | 2.4G | -30.28 | 2.5201G | -50.29 | 14.95862G | -38.45 | 4 |
| VHT40-BF_Nss1,(MCS0)_4TX | Pass | 2.43699G | 11.09 | -18.91 | 2.14052G | -51.49 | 2.39988G | -33.21 | 2.4G | -30.85 | 2.54882G | -49.36 | 16.86677G | -37.62 | 4 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | Pass | 2.442G | 11.76 | -18.24 | 2.16166G | -51.82 | 2.4G | -26.81 | 2.4G | -30.68 | 2.51632G | -49.84 | 15.02043G | -37.62 | 1 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass | 2.44701G | 8.99 | -21.01 | 2.00999G | -51.85 | 2.3982G | -25.81 | 2.4G | -31.03 | 2.49166G | -49.53 | 23.44066G | -38.22 | 2 |

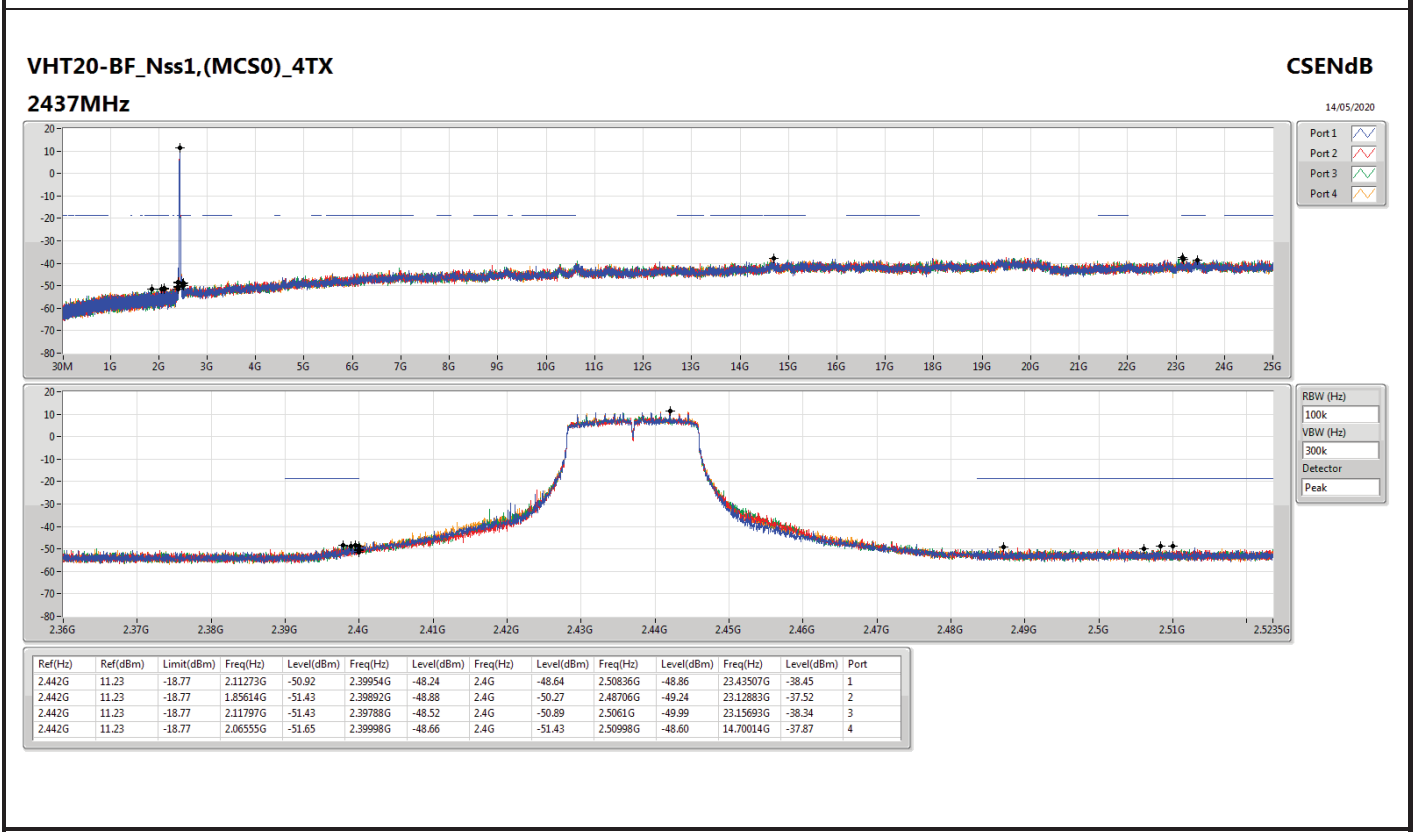
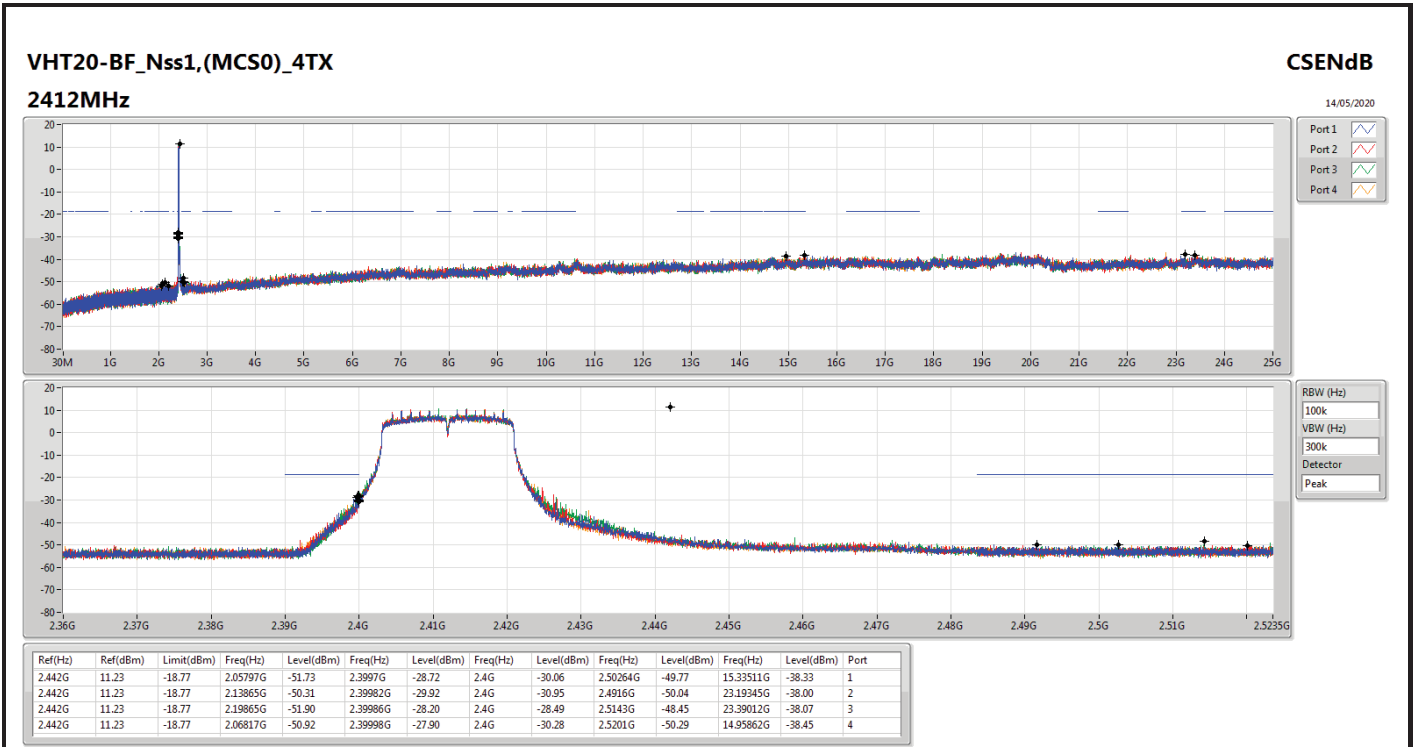


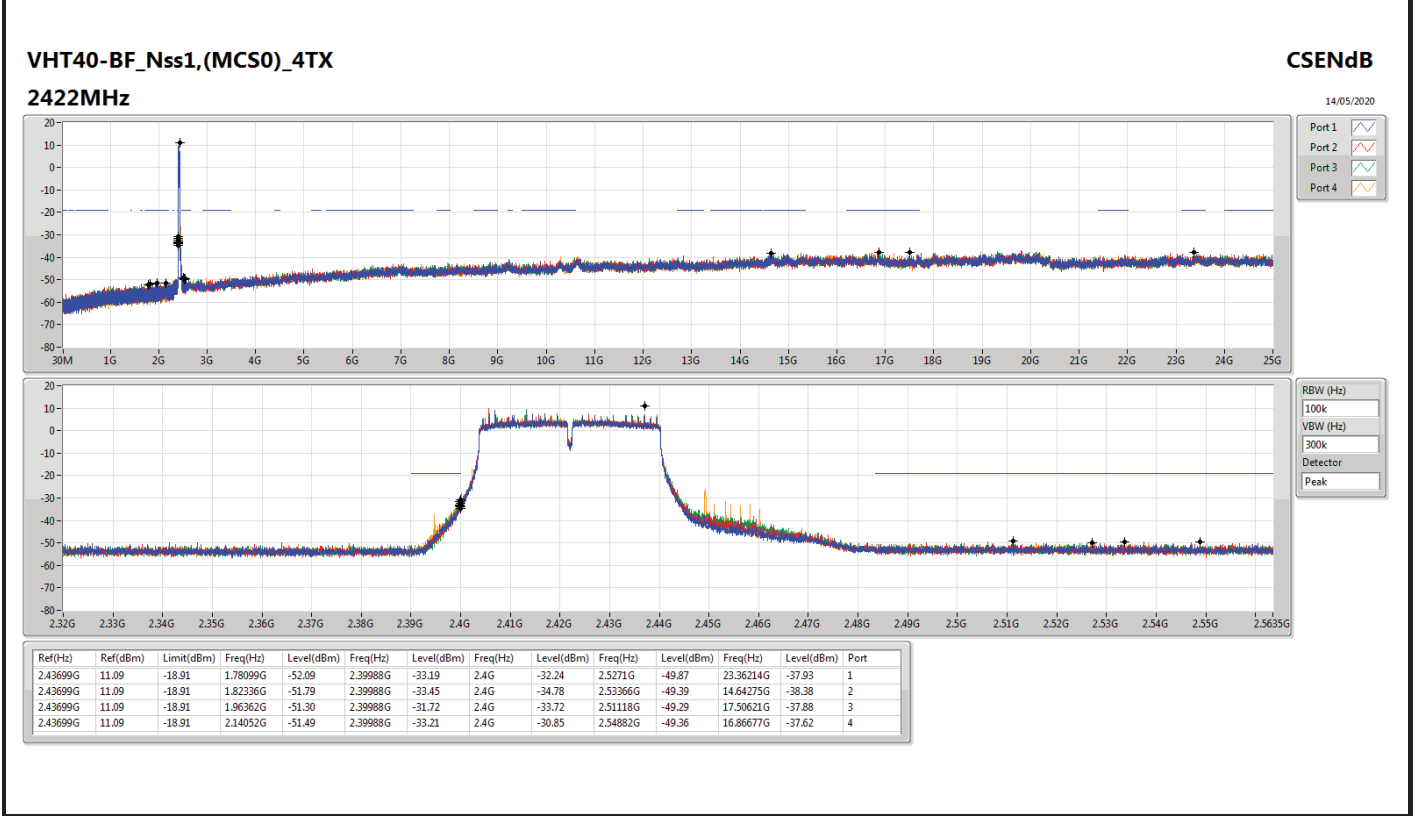
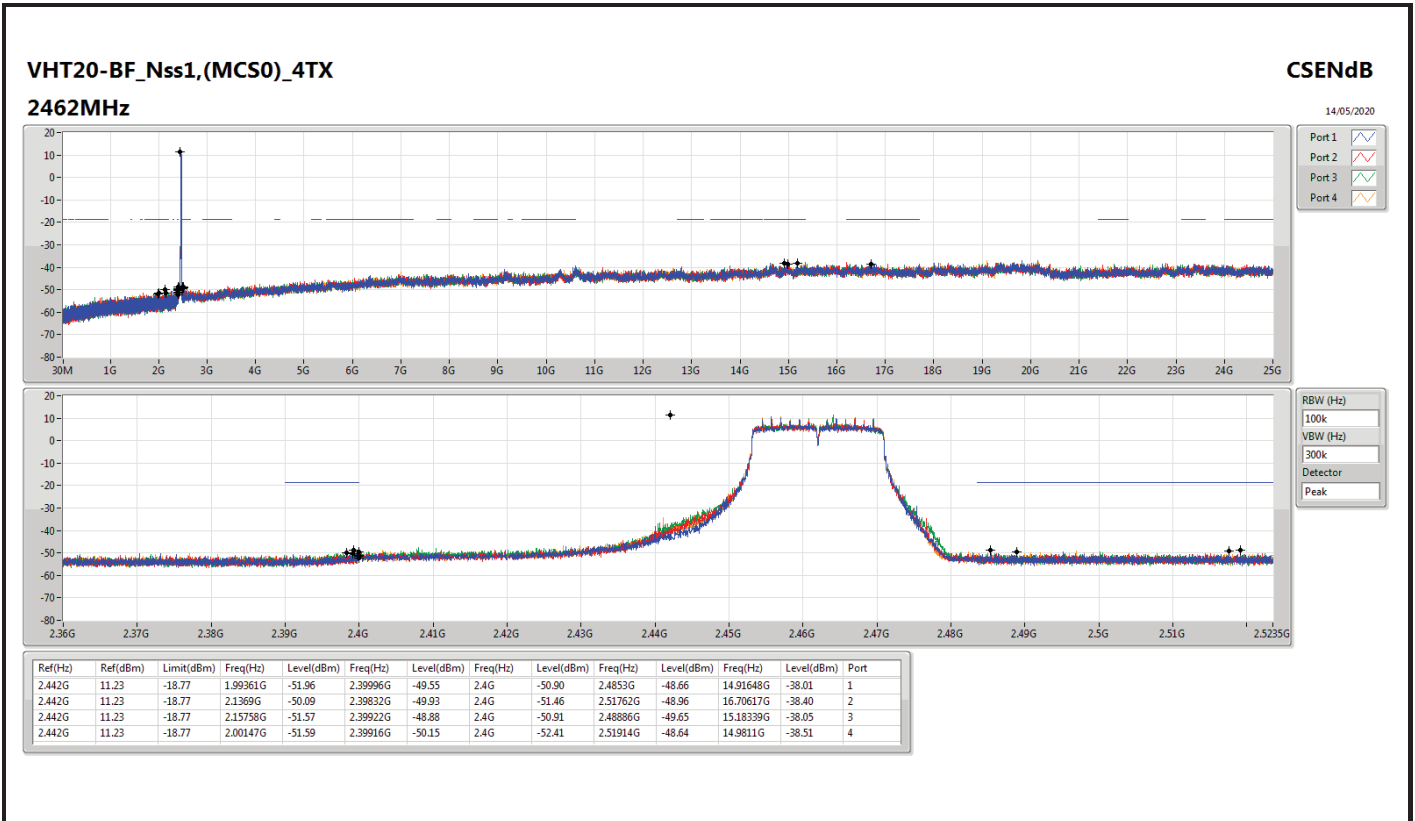
Result

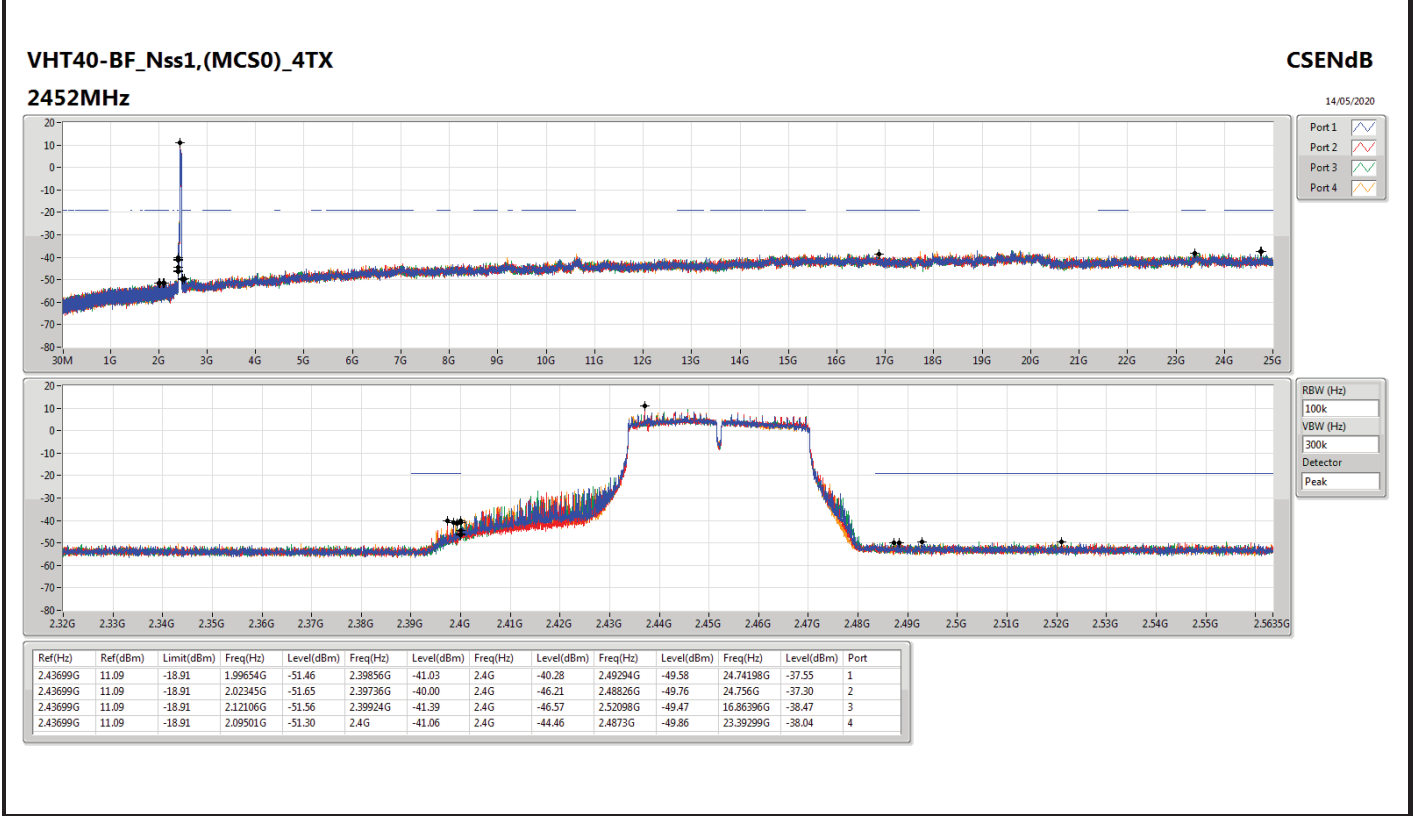
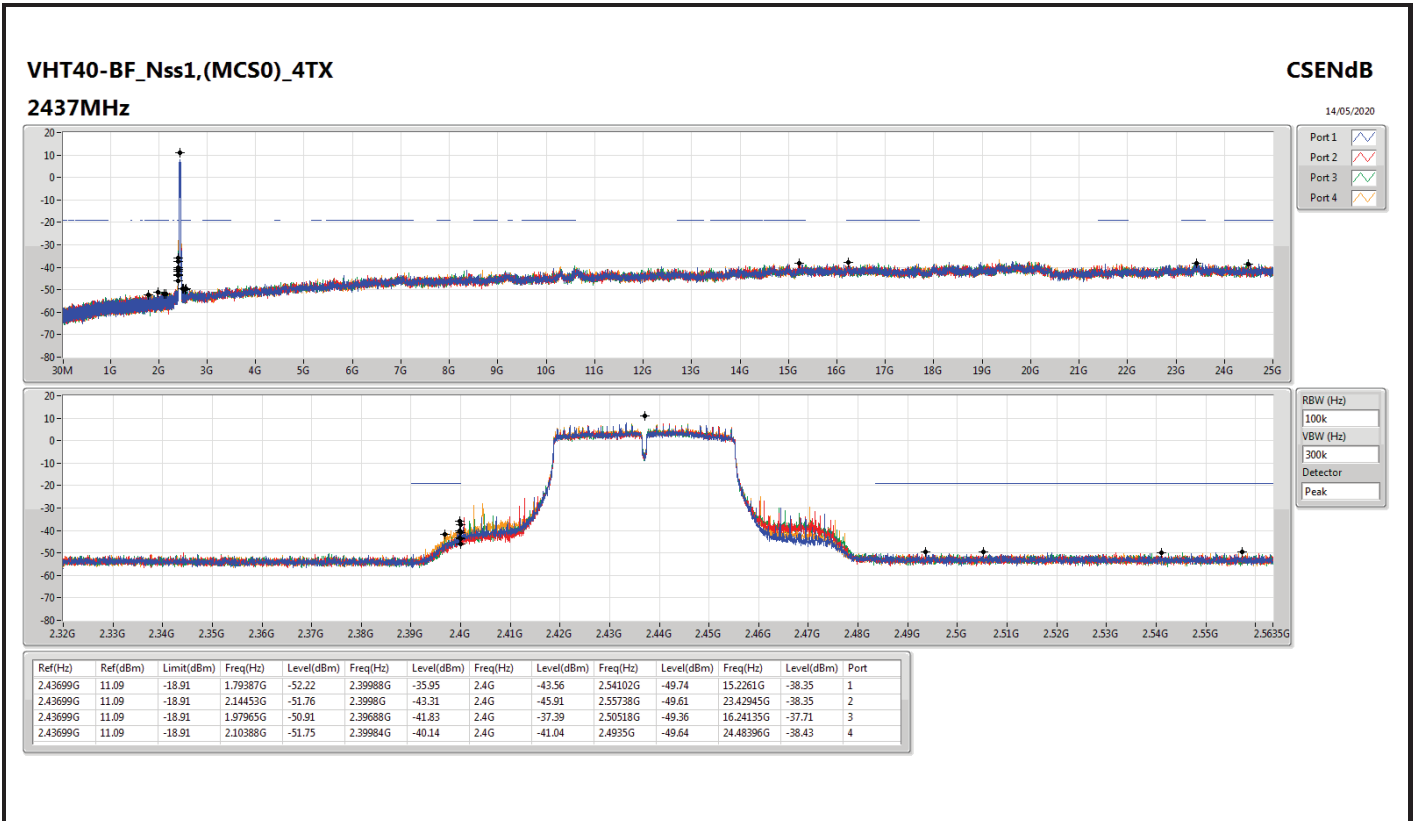
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|-----------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| VHT20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.442G | 11.23 | -18.77 | 2.05797G | -51.73 | 2.3997G | -28.72 | 2.4G | -30.06 | 2.50264G | -49.77 | 15.33511G | -38.33 | 1 |
| 2412MHz | Pass | 2.442G | 11.23 | -18.77 | 2.13865G | -50.31 | 2.39982G | -29.92 | 2.4G | -30.95 | 2.4916G | -50.04 | 23.19345G | -38.00 | 2 |
| 2412MHz | Pass | 2.442G | 11.23 | -18.77 | 2.19865G | -51.90 | 2.39986G | -28.20 | 2.4G | -28.49 | 2.5143G | -48.45 | 23.39012G | -38.07 | 3 |
| 2412MHz | Pass | 2.442G | 11.23 | -18.77 | 2.06817G | -50.92 | 2.39998G | -27.90 | 2.4G | -30.28 | 2.5201G | -50.29 | 14.95862G | -38.45 | 4 |
| 2437MHz | Pass | 2.442G | 11.23 | -18.77 | 2.11273G | -50.92 | 2.39954G | -48.24 | 2.4G | -48.64 | 2.50836G | -48.86 | 23.43507G | -38.45 | 1 |
| 2437MHz | Pass | 2.442G | 11.23 | -18.77 | 1.85614G | -51.43 | 2.39892G | -48.88 | 2.4G | -50.27 | 2.48706G | -49.24 | 23.12883G | -37.52 | 2 |
| 2437MHz | Pass | 2.442G | 11.23 | -18.77 | 2.11797G | -51.43 | 2.39788G | -48.52 | 2.4G | -50.89 | 2.5061G | -49.99 | 23.15693G | -38.34 | 3 |
| 2437MHz | Pass | 2.442G | 11.23 | -18.77 | 2.06555G | -51.65 | 2.39998G | -48.66 | 2.4G | -51.43 | 2.50998G | -48.60 | 14.70014G | -37.87 | 4 |
| 2462MHz | Pass | 2.442G | 11.23 | -18.77 | 1.99361G | -51.96 | 2.39996G | -49.55 | 2.4G | -50.90 | 2.4853G | -48.66 | 14.91648G | -38.01 | 1 |
| 2462MHz | Pass | 2.442G | 11.23 | -18.77 | 2.1369G | -50.09 | 2.39832G | -49.93 | 2.4G | -51.46 | 2.51762G | -48.96 | 16.70617G | -38.40 | 2 |
| 2462MHz | Pass | 2.442G | 11.23 | -18.77 | 2.15758G | -51.57 | 2.39922G | -48.88 | 2.4G | -50.91 | 2.48886G | -49.65 | 15.18339G | -38.05 | 3 |
| 2462MHz | Pass | 2.442G | 11.23 | -18.77 | 2.00147G | -51.59 | 2.39916G | -50.15 | 2.4G | -52.41 | 2.51914G | -48.64 | 14.9811G | -38.51 | 4 |
| VHT40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.78099G | -52.09 | 2.39988G | -33.19 | 2.4G | -32.24 | 2.5271G | -49.87 | 23.36214G | -37.93 | 1 |
| 2422MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.82336G | -51.79 | 2.39988G | -33.45 | 2.4G | -34.78 | 2.53366G | -49.39 | 14.64275G | -38.38 | 2 |
| 2422MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.96362G | -51.30 | 2.39988G | -31.72 | 2.4G | -33.72 | 2.51118G | -49.29 | 17.50621G | -37.88 | 3 |
| 2422MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.14052G | -51.49 | 2.39988G | -33.21 | 2.4G | -30.85 | 2.54882G | -49.36 | 16.86677G | -37.62 | 4 |
| 2437MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.79387G | -52.22 | 2.39988G | -35.95 | 2.4G | -43.56 | 2.54102G | -49.74 | 15.2261G | -38.35 | 1 |
| 2437MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.14453G | -51.76 | 2.3998G | -43.31 | 2.4G | -45.91 | 2.55738G | -49.61 | 23.42945G | -38.35 | 2 |
| 2437MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.97965G | -50.91 | 2.39688G | -41.83 | 2.4G | -37.39 | 2.50518G | -49.36 | 16.24135G | -37.71 | 3 |
| 2437MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.10388G | -51.75 | 2.39984G | -40.14 | 2.4G | -41.04 | 2.4935G | -49.64 | 24.48396G | -38.43 | 4 |
| 2452MHz | Pass | 2.43699G | 11.09 | -18.91 | 1.99654G | -51.46 | 2.39856G | -41.03 | 2.4G | -40.28 | 2.49294G | -49.58 | 24.74198G | -37.55 | 1 |
| 2452MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.02345G | -51.65 | 2.39736G | -40.00 | 2.4G | -46.21 | 2.48826G | -49.76 | 24.756G | -37.30 | 2 |
| 2452MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.12106G | -51.56 | 2.39924G | -41.39 | 2.4G | -46.57 | 2.52098G | -49.47 | 16.86396G | -38.47 | 3 |
| 2452MHz | Pass | 2.43699G | 11.09 | -18.91 | 2.09501G | -51.30 | 2.4G | -41.06 | 2.4G | -44.46 | 2.4873G | -49.86 | 23.39299G | -38.04 | 4 |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | 2.442G | 11.76 | -18.24 | 2.16166G | -51.82 | 2.4G | -26.81 | 2.4G | -30.68 | 2.51632G | -49.84 | 15.02043G | -37.62 | 1 |
| 2412MHz | Pass | 2.442G | 11.76 | -18.24 | 2.10487G | -51.59 | 2.39912G | -28.11 | 2.4G | -29.51 | 2.50926G | -49.08 | 16.57131G | -37.67 | 2 |
| 2412MHz | Pass | 2.442G | 11.76 | -18.24 | 2.10457G | -51.19 | 2.39974G | -28.27 | 2.4G | -27.35 | 2.52084G | -49.36 | 14.96424G | -37.72 | 3 |
| 2412MHz | Pass | 2.442G | 11.76 | -18.24 | 2.1104G | -52.24 | 2.39942G | -27.27 | 2.4G | -30.60 | 2.49318G | -49.20 | 23.54184G | -38.35 | 4 |
| 2437MHz | Pass | 2.442G | 11.76 | -18.24 | 1.99303G | -50.73 | 2.39938G | -46.86 | 2.4G | -48.90 | 2.4846G | -49.69 | 24.02227G | -38.45 | 1 |
| 2437MHz | Pass | 2.442G | 11.76 | -18.24 | 2.13603G | -51.37 | 2.3987G | -48.53 | 2.4G | -49.41 | 2.51258G | -49.50 | 17.69795G | -38.65 | 2 |
| 2437MHz | Pass | 2.442G | 11.76 | -18.24 | 2.17564G | -50.39 | 2.39986G | -47.42 | 2.4G | -48.63 | 2.50424G | -48.29 | 23.42384G | -37.62 | 3 |
| 2437MHz | Pass | 2.442G | 11.76 | -18.24 | 2.17535G | -51.59 | 2.39938G | -47.53 | 2.4G | -49.99 | 2.49368G | -50.01 | 16.80451G | -38.30 | 4 |
| 2462MHz | Pass | 2.442G | 11.76 | -18.24 | 2.08244G | -50.87 | 2.39824G | -50.12 | 2.4G | -50.17 | 2.52158G | -49.69 | 24.49709G | -38.40 | 1 |
| 2462MHz | Pass | 2.442G | 11.76 | -18.24 | 2.30816G | -51.36 | 2.39434G | -50.25 | 2.4G | -50.35 | 2.51526G | -49.70 | 23.39293G | -37.75 | 2 |
| 2462MHz | Pass | 2.442G | 11.76 | -18.24 | 1.78187G | -51.10 | 2.39998G | -49.27 | 2.4G | -50.63 | 2.49182G | -49.15 | 16.8017G | -38.34 | 3 |
| 2462MHz | Pass | 2.442G | 11.76 | -18.24 | 2.14535G | -50.12 | 2.39916G | -50.44 | 2.4835G | -51.36 | 2.48624G | -48.80 | 23.49126G | -38.03 | 4 |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.30197G | -51.67 | 2.3994G | -29.26 | 2.4G | -31.02 | 2.52718G | -49.61 | 23.42103G | -37.98 | 1 |
| 2422MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.00999G | -51.85 | 2.3982G | -25.81 | 2.4G | -31.03 | 2.49166G | -49.53 | 23.44066G | -38.22 | 2 |
| 2422MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.1494G | -51.29 | 2.39992G | -29.95 | 2.4G | -31.67 | 2.55806G | -49.36 | 23.39579G | -37.40 | 3 |
| 2422MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.1222G | -50.46 | 2.39804G | -26.46 | 2.4G | -31.93 | 2.53642G | -49.25 | 15.2878G | -38.31 | 4 |
| 2437MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.17516G | -52.21 | 2.39952G | -32.33 | 2.4G | -42.10 | 2.54678G | -50.05 | 24.24277G | -38.84 | 1 |
| 2437MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.11705G | -51.11 | 2.39956G | -31.60 | 2.4G | -42.97 | 2.48454G | -49.74 | 23.49675G | -38.23 | 2 |
| 2437MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.12392G | -50.60 | 2.3992G | -31.86 | 2.4G | -39.62 | 2.52918G | -49.71 | 23.38457G | -37.08 | 3 |
| 2437MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.17058G | -51.64 | 2.39956G | -28.26 | 2.4G | -40.98 | 2.48598G | -49.54 | 24.86258G | -37.60 | 4 |

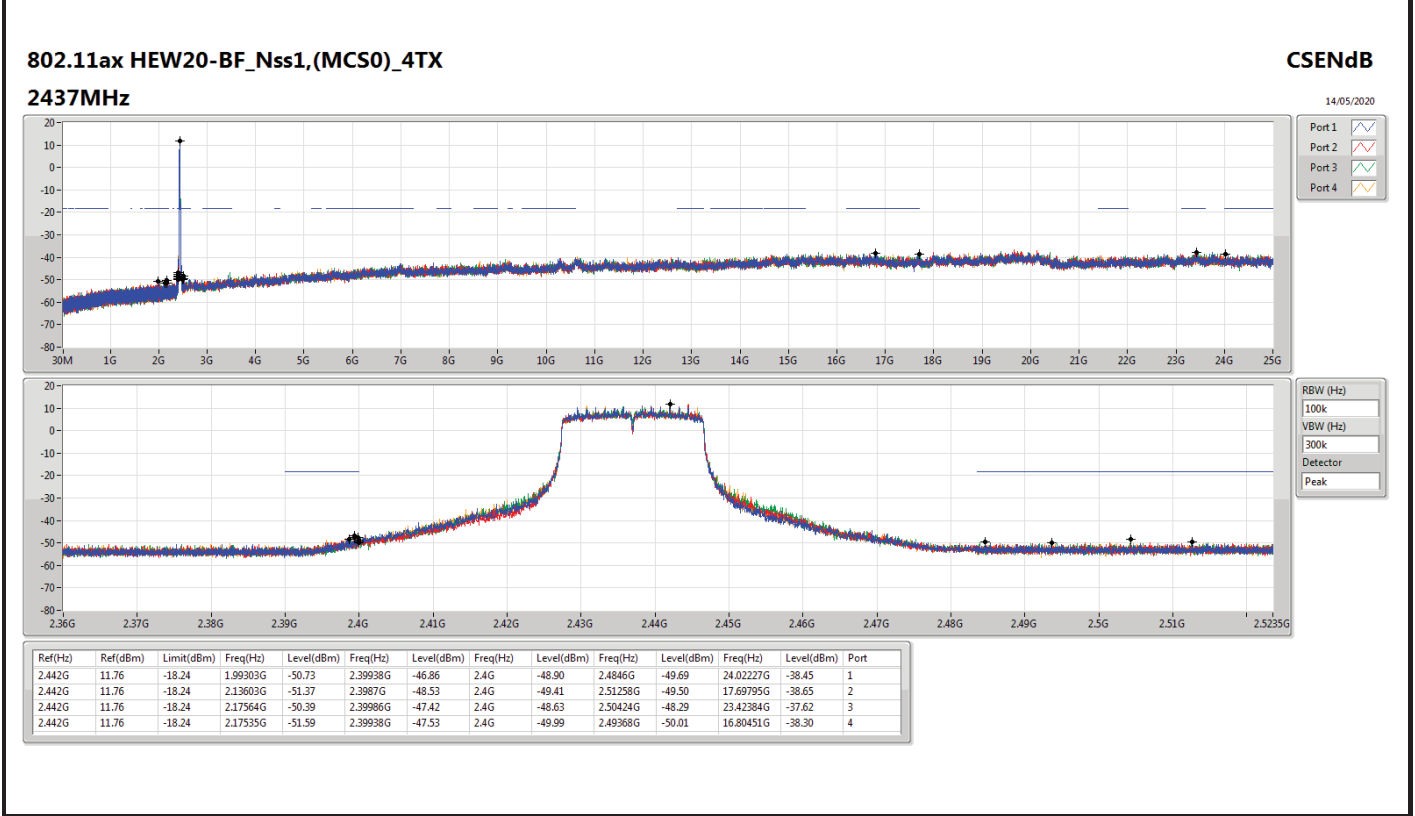
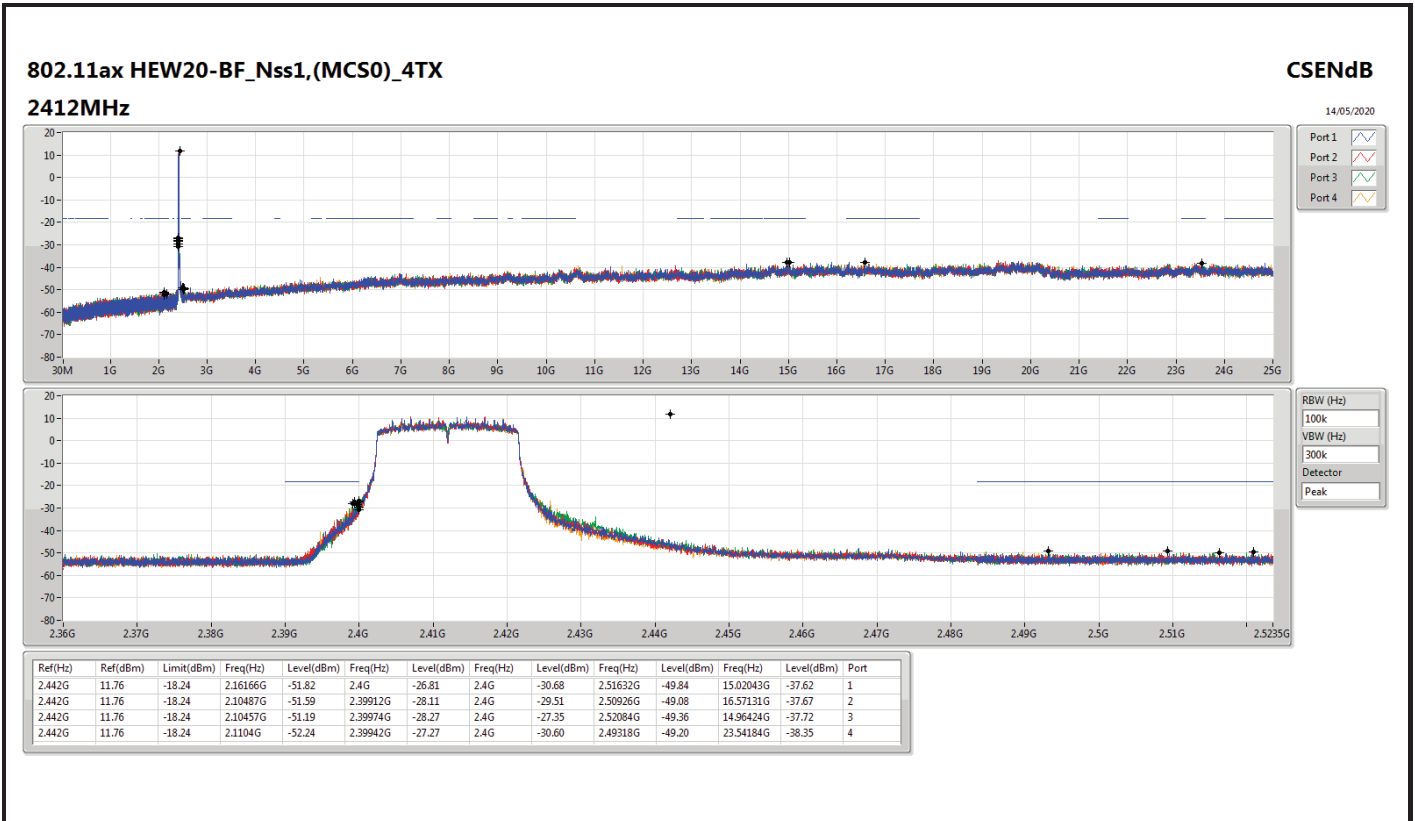


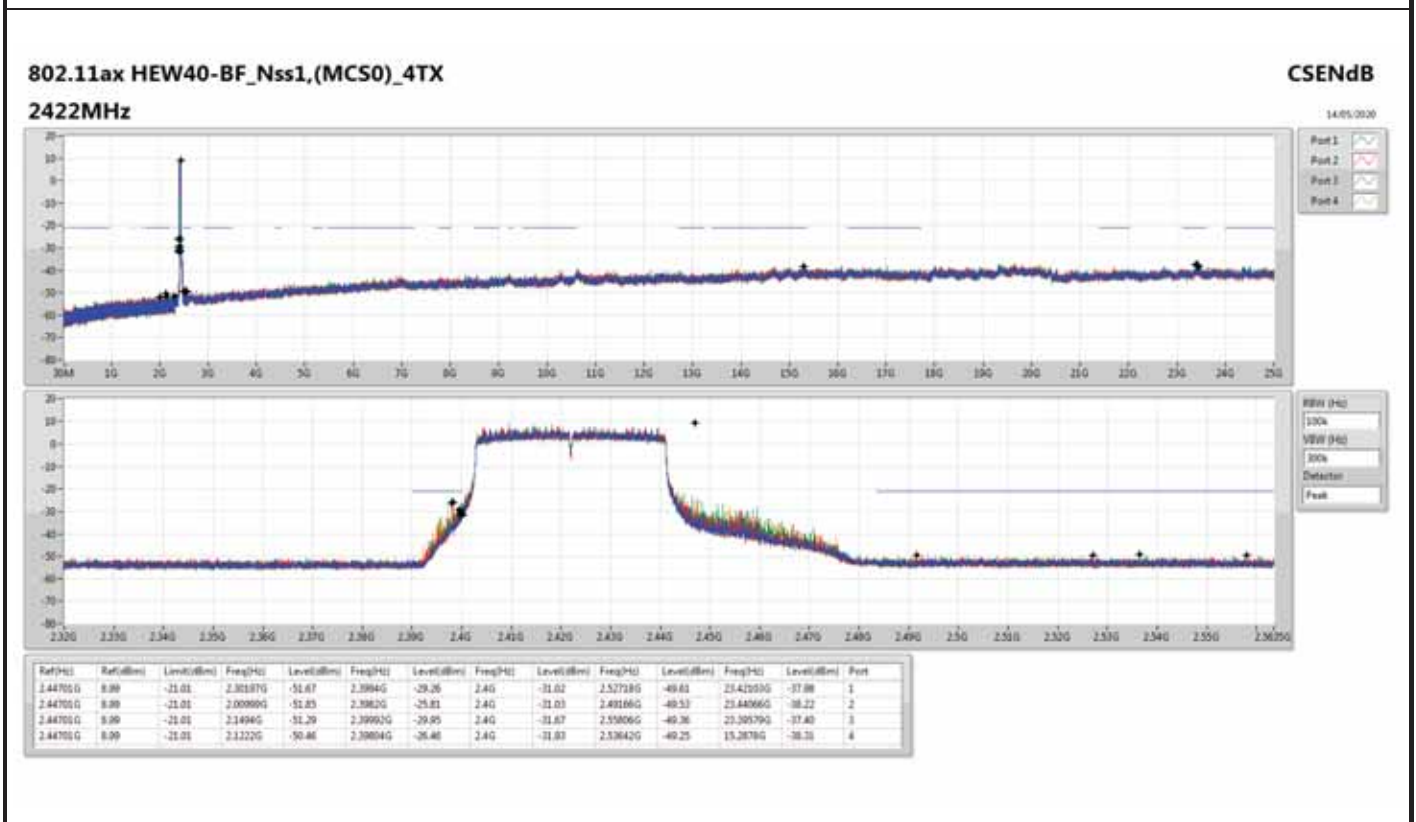
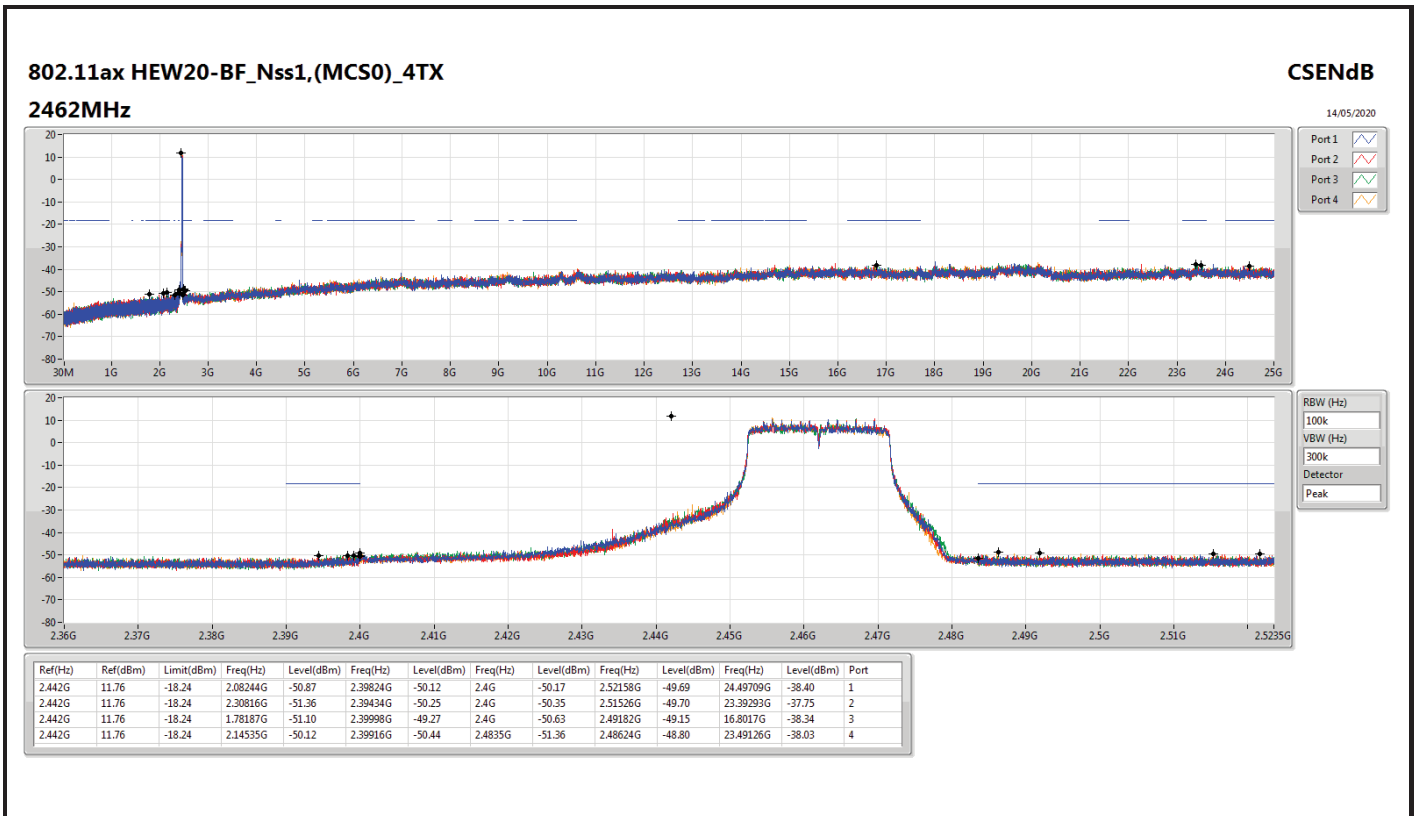
| Mode | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2452MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.11619G | -51.70 | 2.39924G | -42.36 | 2.4G | -44.83 | 2.48542G | -48.78 | 15.31585G | -37.95 | 1 |
| 2452MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.15226G | -51.37 | 2.39872G | -40.67 | 2.4G | -44.45 | 2.48854G | -49.19 | 15.29341G | -37.71 | 2 |
| 2452MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.10445G | -51.30 | 2.39948G | -39.45 | 2.4G | -45.25 | 2.48482G | -48.17 | 24.09693G | -38.18 | 3 |
| 2452MHz | Pass | 2.44701G | 8.99 | -21.01 | 2.14796G | -51.55 | 2.39976G | -42.45 | 2.4G | -45.25 | 2.51022G | -49.43 | 23.42664G | -37.32 | 4 |

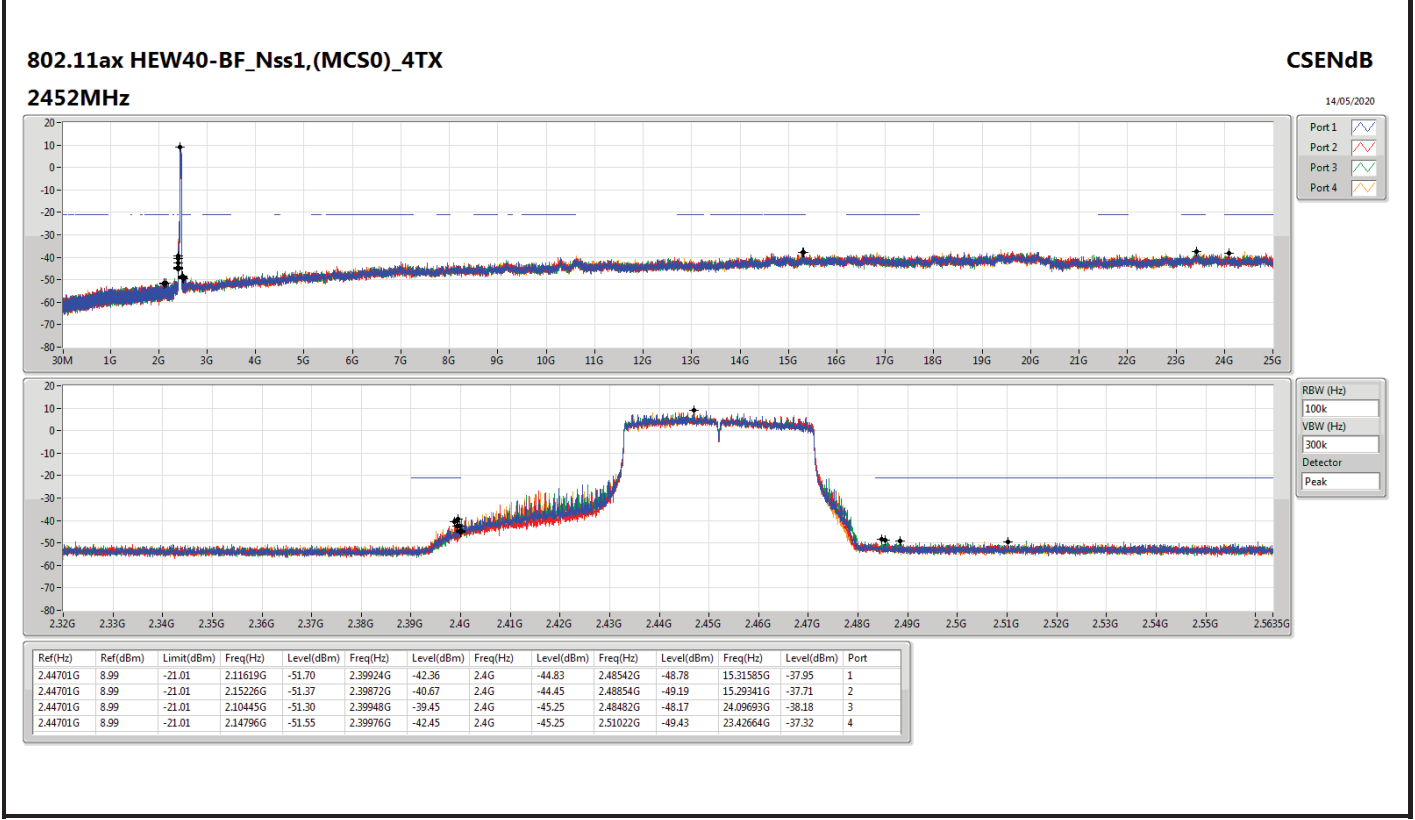
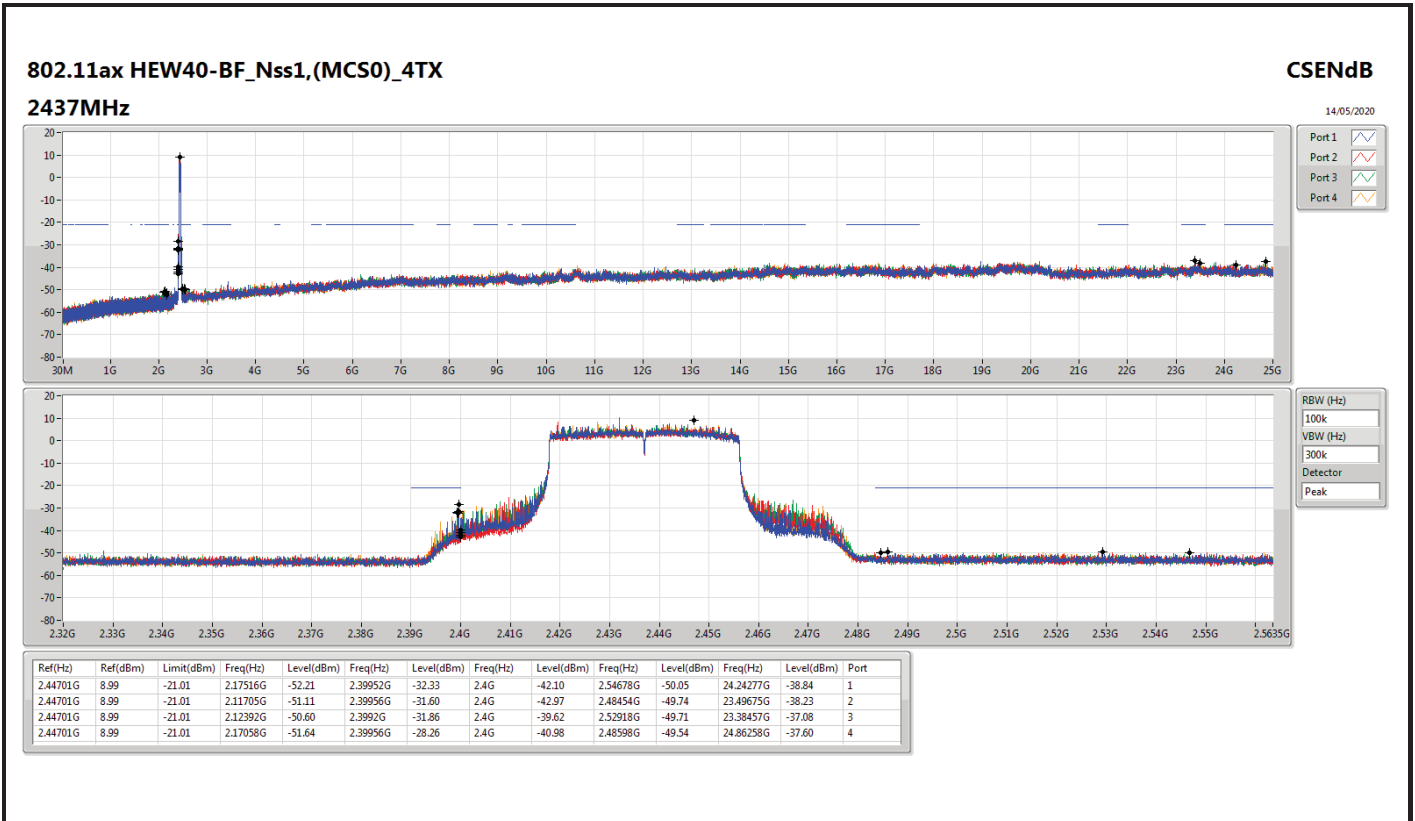














Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass | QP | 266.68M | 42.72 | 46.00 | -3.28 | 3 | Horizontal | 168 | 1.00 | - |



Result

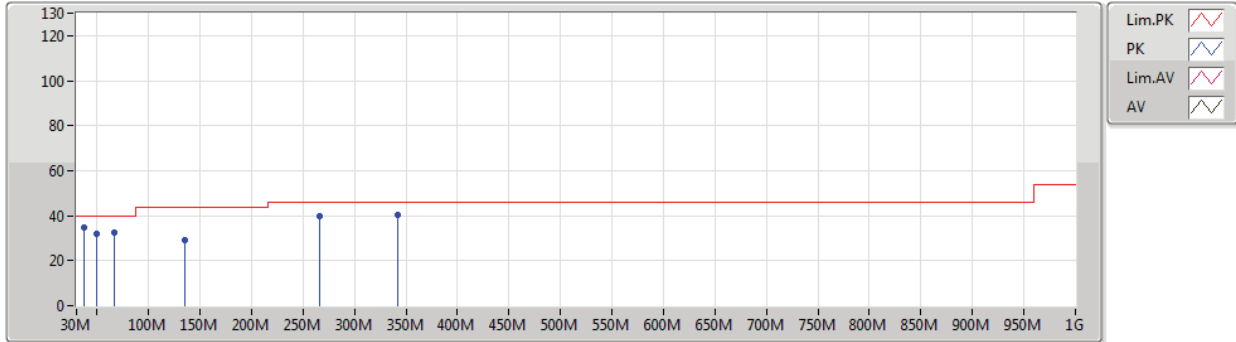
| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2437MHz | Pass | PK | 37.76M | 34.71 | 40.00 | -5.29 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 49.4M | 31.73 | 40.00 | -8.27 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 66.86M | 32.56 | 40.00 | -7.44 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 134.76M | 28.91 | 43.50 | -14.59 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 266.68M | 39.78 | 46.00 | -6.22 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 342.34M | 40.27 | 46.00 | -5.73 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 30M | 28.65 | 40.00 | -11.35 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 59.1M | 29.82 | 40.00 | -10.18 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 95.96M | 25.81 | 43.50 | -17.69 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 307.42M | 38.29 | 46.00 | -7.71 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 342.34M | 39.04 | 46.00 | -6.96 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | QP | 266.68M | 42.72 | 46.00 | -3.28 | 3 | Horizontal | 168 | 1.00 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

20/05/2020

2437MHz_Adapter



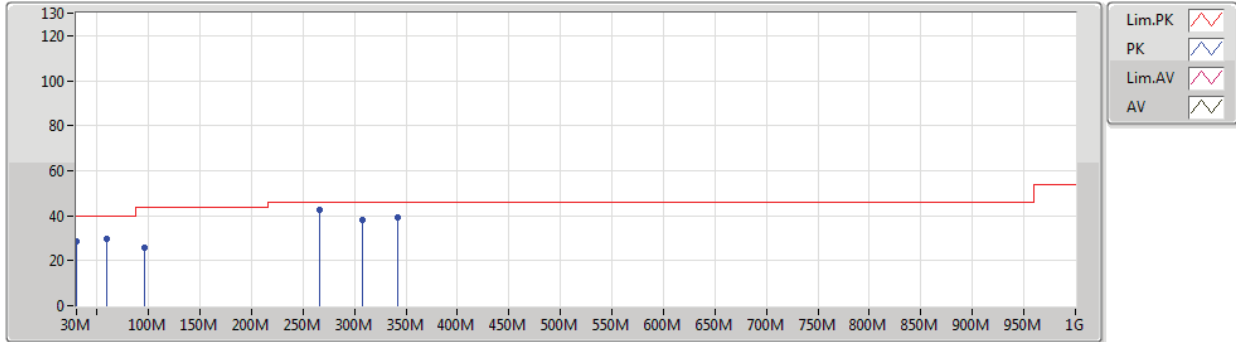
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK | 37.76M | 34.71 | 40.00 | -5.29 | -17.01 | 3 | Vertical | 360 | 1.00 | - | 51.72 | 19.80 | 0.46 | 37.27 |
| PK | 49.4M | 31.73 | 40.00 | -8.27 | -22.87 | 3 | Vertical | 360 | 1.00 | - | 54.60 | 13.72 | 0.50 | 37.09 |
| PK | 66.86M | 32.56 | 40.00 | -7.44 | -25.32 | 3 | Vertical | 360 | 1.00 | - | 57.88 | 11.11 | 0.60 | 37.03 |
| PK | 134.76M | 28.91 | 43.50 | -14.59 | -19.01 | 3 | Vertical | 360 | 1.00 | - | 47.92 | 16.63 | 0.87 | 36.51 |
| PK | 266.68M | 39.78 | 46.00 | -6.22 | -16.51 | 3 | Vertical | 360 | 1.00 | - | 56.29 | 18.60 | 1.33 | 36.44 |
| PK | 342.34M | 40.27 | 46.00 | -5.73 | -15.87 | 3 | Vertical | 360 | 1.00 | - | 56.14 | 19.18 | 1.48 | 36.53 |



802.11ax HEW40_Nss1,(MCS0)_4TX

20/05/2020

2437MHz_Adapter



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK | 30M | 28.65 | 40.00 | -11.35 | -12.94 | 3 | Horizontal | 0 | 1.00 | - | 41.59 | 23.77 | 0.40 | 37.11 |
| PK | 59.1M | 29.82 | 40.00 | -10.18 | -25.79 | 3 | Horizontal | 0 | 1.00 | - | 55.61 | 10.69 | 0.60 | 37.08 |
| PK | 95.96M | 25.81 | 43.50 | -17.69 | -21.57 | 3 | Horizontal | 0 | 1.00 | - | 47.38 | 14.51 | 0.72 | 36.80 |
| PK | 307.42M | 38.29 | 46.00 | -7.71 | -16.73 | 3 | Horizontal | 0 | 1.00 | - | 55.02 | 18.31 | 1.41 | 36.45 |
| PK | 342.34M | 39.04 | 46.00 | -6.96 | -15.87 | 3 | Horizontal | 0 | 1.00 | - | 54.91 | 19.18 | 1.48 | 36.53 |
| QP | 266.68M | 42.72 | 46.00 | -3.28 | -16.51 | 3 | Horizontal | 168 | 1.00 | - | 59.23 | 18.60 | 1.33 | 36.44 |

Remark :

Page No. : F4 of F4

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11b_Nss1,(1Mbps)_4TX | Pass | AV | 4.924G | 53.90 | 54.00 | -0.10 | 3 | Horizontal | 281 | 1.57 | - |
| 802.11g_Nss1,(6Mbps)_4TX | Pass | AV | 2.39G | 53.72 | 54.00 | -0.28 | 3 | Vertical | 26 | 1.50 | - |
| VHT20_Nss1,(MCS0)_4TX | Pass | AV | 2.39G | 53.90 | 54.00 | -0.10 | 3 | Horizontal | 184 | 1.50 | - |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass | AV | 2.39G | 53.88 | 54.00 | -0.12 | 3 | Vertical | 50 | 1.00 | - |
| VHT40_Nss1,(MCS0)_4TX | Pass | AV | 2.3898G | 53.98 | 54.00 | -0.02 | 3 | Horizontal | 171 | 1.50 | - |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass | AV | 2.3898G | 53.85 | 54.00 | -0.15 | 3 | Horizontal | 151 | 1.50 | - |



Result

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11b_Nss1,(1Mbps)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.39G | 46.81 | 54.00 | -7.19 | 3 | Vertical | 103 | 1.76 | - |
| 2412MHz | Pass | AV | 2.413G | 114.89 | Inf | -Inf | 3 | Vertical | 103 | 1.76 | - |
| 2412MHz | Pass | PK | 2.3842G | 58.51 | 74.00 | -15.49 | 3 | Vertical | 103 | 1.76 | - |
| 2412MHz | Pass | PK | 2.4126G | 117.89 | Inf | -Inf | 3 | Vertical | 103 | 1.76 | - |
| 2412MHz | Pass | AV | 2.366G | 46.31 | 54.00 | -7.69 | 3 | Horizontal | 332 | 1.66 | - |
| 2412MHz | Pass | AV | 2.413G | 114.04 | Inf | -Inf | 3 | Horizontal | 332 | 1.66 | - |
| 2412MHz | Pass | PK | 2.3698G | 57.87 | 74.00 | -16.13 | 3 | Horizontal | 332 | 1.66 | - |
| 2412MHz | Pass | PK | 2.4128G | 116.11 | Inf | -Inf | 3 | Horizontal | 332 | 1.66 | - |
| 2412MHz | Pass | AV | 4.82402G | 53.03 | 54.00 | -0.97 | 3 | Vertical | 9 | 1.91 | - |
| 2412MHz | Pass | PK | 4.82396G | 56.05 | 74.00 | -17.95 | 3 | Vertical | 9 | 1.91 | - |
| 2412MHz | Pass | AV | 4.82404G | 53.45 | 54.00 | -0.55 | 3 | Horizontal | 237 | 1.81 | - |
| 2412MHz | Pass | PK | 4.82394G | 56.15 | 74.00 | -17.85 | 3 | Horizontal | 237 | 1.81 | - |
| 2417MHz | Pass | AV | 2.3782G | 46.74 | 54.00 | -7.26 | 3 | Vertical | 96 | 1.97 | - |
| 2417MHz | Pass | AV | 2.4162G | 115.06 | Inf | -Inf | 3 | Vertical | 96 | 1.97 | - |
| 2417MHz | Pass | PK | 2.3804G | 58.30 | 74.00 | -15.70 | 3 | Vertical | 96 | 1.97 | - |
| 2417MHz | Pass | PK | 2.4174G | 118.26 | Inf | -Inf | 3 | Vertical | 96 | 1.97 | - |
| 2417MHz | Pass | AV | 2.3714G | 46.43 | 54.00 | -7.57 | 3 | Horizontal | 328 | 1.06 | - |
| 2417MHz | Pass | AV | 2.4158G | 114.50 | Inf | -Inf | 3 | Horizontal | 328 | 1.06 | - |
| 2417MHz | Pass | PK | 2.367G | 58.41 | 74.00 | -15.59 | 3 | Horizontal | 328 | 1.06 | - |
| 2417MHz | Pass | PK | 2.4174G | 116.91 | Inf | -Inf | 3 | Horizontal | 328 | 1.06 | - |
| 2417MHz | Pass | AV | 4.83401G | 53.39 | 54.00 | -0.61 | 3 | Vertical | 8 | 1.70 | - |
| 2417MHz | Pass | PK | 4.8339G | 56.23 | 74.00 | -17.77 | 3 | Vertical | 8 | 1.70 | - |
| 2417MHz | Pass | AV | 4.83402G | 51.78 | 54.00 | -2.22 | 3 | Horizontal | 234 | 2.03 | - |
| 2417MHz | Pass | PK | 4.83406G | 55.15 | 74.00 | -18.85 | 3 | Horizontal | 234 | 2.03 | - |
| 2437MHz | Pass | AV | 2.3594G | 46.61 | 54.00 | -7.39 | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | AV | 2.4362G | 115.08 | Inf | -Inf | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | AV | 2.4878G | 46.61 | 54.00 | -7.39 | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | PK | 2.337G | 58.48 | 74.00 | -15.52 | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | PK | 2.4374G | 118.41 | Inf | -Inf | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | PK | 2.4886G | 58.30 | 74.00 | -15.70 | 3 | Vertical | 95 | 2.25 | - |
| 2437MHz | Pass | AV | 2.3702G | 46.36 | 54.00 | -7.64 | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | AV | 2.4362G | 113.97 | Inf | -Inf | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | AV | 2.4998G | 46.71 | 54.00 | -7.29 | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | PK | 2.3798G | 58.41 | 74.00 | -15.59 | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | PK | 2.4378G | 116.36 | Inf | -Inf | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | PK | 2.4966G | 58.23 | 74.00 | -15.77 | 3 | Horizontal | 322 | 1.67 | - |
| 2437MHz | Pass | AV | 4.87402G | 53.36 | 54.00 | -0.64 | 3 | Vertical | 12 | 1.50 | - |
| 2437MHz | Pass | PK | 4.87391G | 56.45 | 74.00 | -17.55 | 3 | Vertical | 12 | 1.50 | - |
| 2437MHz | Pass | AV | 4.87406G | 51.81 | 54.00 | -2.19 | 3 | Horizontal | 264 | 1.60 | - |
| 2437MHz | Pass | PK | 4.87397G | 56.41 | 74.00 | -17.59 | 3 | Horizontal | 264 | 1.60 | - |
| 2457MHz | Pass | AV | 2.4562G | 114.30 | Inf | -Inf | 3 | Vertical | 107 | 1.90 | - |
| 2457MHz | Pass | AV | 2.4842G | 46.74 | 54.00 | -7.26 | 3 | Vertical | 107 | 1.90 | - |
| 2457MHz | Pass | PK | 2.4564G | 116.62 | Inf | -Inf | 3 | Vertical | 107 | 1.90 | - |
| 2457MHz | Pass | PK | 2.4968G | 58.76 | 74.00 | -15.24 | 3 | Vertical | 107 | 1.90 | - |
| 2457MHz | Pass | AV | 2.4562G | 111.05 | Inf | -Inf | 3 | Horizontal | 322 | 1.50 | - |
| 2457MHz | Pass | AV | 2.4966G | 46.62 | 54.00 | -7.38 | 3 | Horizontal | 322 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4562G | 112.96 | Inf | -Inf | 3 | Horizontal | 322 | 1.50 | - |

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2457MHz | Pass | PK | 2.4938G | 58.29 | 74.00 | -15.71 | 3 | Horizontal | 322 | 1.50 | - |
| 2457MHz | Pass | AV | 4.91404G | 52.33 | 54.00 | -1.67 | 3 | Vertical | 13 | 1.49 | - |
| 2457MHz | Pass | PK | 4.91403G | 55.38 | 74.00 | -18.62 | 3 | Vertical | 13 | 1.49 | - |
| 2457MHz | Pass | AV | 4.91401G | 53.63 | 54.00 | -0.37 | 3 | Horizontal | 287 | 1.43 | - |
| 2457MHz | Pass | PK | 4.91395G | 56.41 | 74.00 | -17.59 | 3 | Horizontal | 287 | 1.43 | - |
| 2462MHz | Pass | AV | 2.4612G | 114.74 | Inf | -Inf | 3 | Vertical | 86 | 2.39 | - |
| 2462MHz | Pass | AV | 2.4878G | 46.67 | 54.00 | -7.33 | 3 | Vertical | 86 | 2.39 | - |
| 2462MHz | Pass | PK | 2.4624G | 117.53 | Inf | -Inf | 3 | Vertical | 86 | 2.39 | - |
| 2462MHz | Pass | PK | 2.4844G | 57.97 | 74.00 | -16.03 | 3 | Vertical | 86 | 2.39 | - |
| 2462MHz | Pass | AV | 2.463G | 112.43 | Inf | -Inf | 3 | Horizontal | 321 | 1.83 | - |
| 2462MHz | Pass | AV | 2.4936G | 46.66 | 54.00 | -7.34 | 3 | Horizontal | 321 | 1.83 | - |
| 2462MHz | Pass | PK | 2.4628G | 114.12 | Inf | -Inf | 3 | Horizontal | 321 | 1.83 | - |
| 2462MHz | Pass | PK | 2.495G | 58.78 | 74.00 | -15.22 | 3 | Horizontal | 321 | 1.83 | - |
| 2462MHz | Pass | AV | 4.92404G | 53.52 | 54.00 | -0.48 | 3 | Vertical | 6 | 1.50 | - |
| 2462MHz | Pass | PK | 4.92391G | 56.23 | 74.00 | -17.77 | 3 | Vertical | 6 | 1.50 | - |
| 2462MHz | Pass | AV | 4.924G | 53.90 | 54.00 | -0.10 | 3 | Horizontal | 281 | 1.57 | - |
| 2462MHz | Pass | PK | 4.92396G | 56.50 | 74.00 | -17.50 | 3 | Horizontal | 281 | 1.57 | - |
| 802.11g_Nss1,(6Mbps)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.39G | 51.89 | 54.00 | -2.11 | 3 | Vertical | 33 | 2.03 | - |
| 2412MHz | Pass | AV | 2.4186G | 114.03 | Inf | -Inf | 3 | Vertical | 33 | 2.03 | - |
| 2412MHz | Pass | PK | 2.3898G | 61.16 | 74.00 | -12.84 | 3 | Vertical | 33 | 2.03 | - |
| 2412MHz | Pass | PK | 2.417G | 120.84 | Inf | -Inf | 3 | Vertical | 33 | 2.03 | - |
| 2412MHz | Pass | AV | 2.39G | 53.60 | 54.00 | -0.40 | 3 | Horizontal | 354 | 1.02 | - |
| 2412MHz | Pass | AV | 2.4144G | 111.43 | Inf | -Inf | 3 | Horizontal | 354 | 1.02 | - |
| 2412MHz | Pass | PK | 2.39G | 61.83 | 74.00 | -12.17 | 3 | Horizontal | 354 | 1.02 | - |
| 2412MHz | Pass | PK | 2.4146G | 119.15 | Inf | -Inf | 3 | Horizontal | 354 | 1.02 | - |
| 2412MHz | Pass | AV | 4.82272G | 41.53 | 54.00 | -12.47 | 3 | Vertical | 128 | 1.50 | - |
| 2412MHz | Pass | PK | 4.82092G | 52.14 | 74.00 | -21.86 | 3 | Vertical | 128 | 1.50 | - |
| 2412MHz | Pass | AV | 4.8237G | 43.09 | 54.00 | -10.91 | 3 | Horizontal | 277 | 1.87 | - |
| 2412MHz | Pass | PK | 4.82369G | 53.81 | 74.00 | -20.19 | 3 | Horizontal | 277 | 1.87 | - |
| 2417MHz | Pass | AV | 2.39G | 53.72 | 54.00 | -0.28 | 3 | Vertical | 26 | 1.50 | - |
| 2417MHz | Pass | AV | 2.4242G | 113.14 | Inf | -Inf | 3 | Vertical | 26 | 1.50 | - |
| 2417MHz | Pass | PK | 2.39G | 68.59 | 74.00 | -5.41 | 3 | Vertical | 26 | 1.50 | - |
| 2417MHz | Pass | PK | 2.4244G | 122.49 | Inf | -Inf | 3 | Vertical | 26 | 1.50 | - |
| 2417MHz | Pass | AV | 2.39G | 53.00 | 54.00 | -1.00 | 3 | Horizontal | 203 | 1.50 | - |
| 2417MHz | Pass | AV | 2.423G | 108.00 | Inf | -Inf | 3 | Horizontal | 203 | 1.50 | - |
| 2417MHz | Pass | PK | 2.39G | 68.23 | 74.00 | -5.77 | 3 | Horizontal | 203 | 1.50 | - |
| 2417MHz | Pass | PK | 2.422G | 117.22 | Inf | -Inf | 3 | Horizontal | 203 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3898G | 50.45 | 54.00 | -3.55 | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | AV | 2.4438G | 116.59 | Inf | -Inf | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | AV | 2.4858G | 49.86 | 54.00 | -4.14 | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | PK | 2.3386G | 60.92 | 74.00 | -13.08 | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | PK | 2.443G | 124.11 | Inf | -Inf | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | PK | 2.4982G | 59.80 | 74.00 | -14.20 | 3 | Vertical | 74 | 2.25 | - |
| 2437MHz | Pass | AV | 2.3898G | 49.91 | 54.00 | -4.09 | 3 | Horizontal | 141 | 2.14 | - |
| 2437MHz | Pass | AV | 2.4394G | 111.92 | Inf | -Inf | 3 | Horizontal | 141 | 2.14 | - |
| 2437MHz | Pass | AV | 2.4926G | 50.06 | 54.00 | -3.94 | 3 | Horizontal | 141 | 2.14 | - |
| 2437MHz | Pass | PK | 2.3618G | 60.32 | 74.00 | -13.68 | 3 | Horizontal | 141 | 2.14 | - |
| 2437MHz | Pass | PK | 2.4398G | 119.42 | Inf | -Inf | 3 | Horizontal | 141 | 2.14 | - |

Remark :

Page No. : F3 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2437MHz | Pass | PK | 2.4974G | 59.81 | 74.00 | -14.19 | 3 | Horizontal | 141 | 2.14 | - |
| 2437MHz | Pass | AV | 4.87778G | 42.84 | 54.00 | -11.16 | 3 | Vertical | 160 | 1.21 | - |
| 2437MHz | Pass | PK | 4.8786G | 54.19 | 74.00 | -19.81 | 3 | Vertical | 160 | 1.21 | - |
| 2437MHz | Pass | AV | 4.87604G | 40.64 | 54.00 | -13.36 | 3 | Horizontal | 287 | 1.42 | - |
| 2437MHz | Pass | PK | 4.87398G | 51.54 | 74.00 | -22.46 | 3 | Horizontal | 287 | 1.42 | - |
| 2457MHz | Pass | AV | 2.4552G | 114.15 | Inf | -Inf | 3 | Vertical | 29 | 2.98 | - |
| 2457MHz | Pass | AV | 2.4835G | 49.21 | 54.00 | -4.79 | 3 | Vertical | 29 | 2.98 | - |
| 2457MHz | Pass | PK | 2.4554G | 123.74 | Inf | -Inf | 3 | Vertical | 29 | 2.98 | - |
| 2457MHz | Pass | PK | 2.4835G | 63.22 | 74.00 | -10.78 | 3 | Vertical | 29 | 2.98 | - |
| 2457MHz | Pass | AV | 2.4536G | 107.77 | Inf | -Inf | 3 | Horizontal | 172 | 1.50 | - |
| 2457MHz | Pass | AV | 2.484G | 48.07 | 54.00 | -5.93 | 3 | Horizontal | 172 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4536G | 117.37 | Inf | -Inf | 3 | Horizontal | 172 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4862G | 59.65 | 74.00 | -14.35 | 3 | Horizontal | 172 | 1.50 | - |
| 2462MHz | Pass | AV | 2.4608G | 113.88 | Inf | -Inf | 3 | Vertical | 34 | 2.80 | - |
| 2462MHz | Pass | AV | 2.4835G | 53.64 | 54.00 | -0.36 | 3 | Vertical | 34 | 2.73 | - |
| 2462MHz | Pass | PK | 2.461G | 121.11 | Inf | -Inf | 3 | Vertical | 34 | 2.78 | - |
| 2462MHz | Pass | PK | 2.4835G | 66.01 | 74.00 | -7.99 | 3 | Vertical | 34 | 2.57 | - |
| 2462MHz | Pass | AV | 2.4574G | 111.91 | Inf | -Inf | 3 | Horizontal | 347 | 2.09 | - |
| 2462MHz | Pass | AV | 2.4835G | 53.72 | 54.00 | -0.28 | 3 | Horizontal | 347 | 2.09 | - |
| 2462MHz | Pass | PK | 2.4566G | 119.13 | Inf | -Inf | 3 | Horizontal | 347 | 2.09 | - |
| 2462MHz | Pass | PK | 2.4835G | 63.79 | 74.00 | -10.21 | 3 | Horizontal | 347 | 2.09 | - |
| 2462MHz | Pass | AV | 4.9269G | 46.57 | 54.00 | -7.43 | 3 | Vertical | 151 | 1.50 | - |
| 2462MHz | Pass | PK | 4.9287G | 57.17 | 74.00 | -16.83 | 3 | Vertical | 151 | 1.50 | - |
| 2462MHz | Pass | AV | 4.9243G | 44.93 | 54.00 | -9.07 | 3 | Horizontal | 326 | 1.50 | - |
| 2462MHz | Pass | PK | 4.9244G | 54.64 | 74.00 | -19.36 | 3 | Horizontal | 326 | 1.50 | - |
| VHT20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.39G | 53.57 | 54.00 | -0.43 | 3 | Vertical | 38 | 1.50 | - |
| 2412MHz | Pass | AV | 2.4126G | 111.00 | Inf | -Inf | 3 | Vertical | 38 | 1.50 | - |
| 2412MHz | Pass | PK | 2.39G | 66.74 | 74.00 | -7.26 | 3 | Vertical | 38 | 1.50 | - |
| 2412MHz | Pass | PK | 2.4126G | 120.38 | Inf | -Inf | 3 | Vertical | 38 | 1.50 | - |
| 2412MHz | Pass | AV | 2.39G | 53.34 | 54.00 | -0.66 | 3 | Horizontal | 174 | 1.50 | - |
| 2412MHz | Pass | AV | 2.4138G | 106.44 | Inf | -Inf | 3 | Horizontal | 174 | 1.50 | - |
| 2412MHz | Pass | PK | 2.3898G | 66.67 | 74.00 | -7.33 | 3 | Horizontal | 174 | 1.50 | - |
| 2412MHz | Pass | PK | 2.4062G | 117.04 | Inf | -Inf | 3 | Horizontal | 174 | 1.50 | - |
| 2412MHz | Pass | AV | 4.82285G | 38.62 | 54.00 | -15.38 | 3 | Vertical | 131 | 2.82 | - |
| 2412MHz | Pass | PK | 4.82199G | 51.03 | 74.00 | -22.97 | 3 | Vertical | 131 | 2.71 | - |
| 2412MHz | Pass | AV | 4.81856G | 38.71 | 54.00 | -15.29 | 3 | Horizontal | 267 | 1.50 | - |
| 2412MHz | Pass | PK | 4.8268G | 51.56 | 74.00 | -22.44 | 3 | Horizontal | 267 | 1.50 | - |
| 2417MHz | Pass | AV | 2.39G | 52.63 | 54.00 | -1.37 | 3 | Vertical | 36 | 1.50 | - |
| 2417MHz | Pass | AV | 2.4182G | 113.03 | Inf | -Inf | 3 | Vertical | 36 | 1.50 | - |
| 2417MHz | Pass | PK | 2.39G | 64.86 | 74.00 | -9.14 | 3 | Vertical | 36 | 1.50 | - |
| 2417MHz | Pass | PK | 2.4188G | 122.66 | Inf | -Inf | 3 | Vertical | 36 | 1.50 | - |
| 2417MHz | Pass | AV | 2.39G | 53.90 | 54.00 | -0.10 | 3 | Horizontal | 184 | 1.50 | - |
| 2417MHz | Pass | AV | 2.411G | 107.77 | Inf | -Inf | 3 | Horizontal | 184 | 1.50 | - |
| 2417MHz | Pass | PK | 2.39G | 68.93 | 74.00 | -5.07 | 3 | Horizontal | 184 | 1.50 | - |
| 2417MHz | Pass | PK | 2.4108G | 117.82 | Inf | -Inf | 3 | Horizontal | 184 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3458G | 47.04 | 54.00 | -6.96 | 3 | Vertical | 34 | 1.65 | - |
| 2437MHz | Pass | AV | 2.4382G | 112.92 | Inf | -Inf | 3 | Vertical | 34 | 1.65 | - |
| 2437MHz | Pass | AV | 2.4846G | 47.02 | 54.00 | -6.98 | 3 | Vertical | 34 | 1.65 | - |

Remark :

Page No. : F4 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2437MHz | Pass | PK | 2.3878G | 60.83 | 74.00 | -13.17 | 3 | Vertical | 34 | 1.65 | - |
| 2437MHz | Pass | PK | 2.4378G | 123.22 | Inf | -Inf | 3 | Vertical | 34 | 1.65 | - |
| 2437MHz | Pass | PK | 2.4878G | 60.02 | 74.00 | -13.98 | 3 | Vertical | 34 | 1.65 | - |
| 2437MHz | Pass | AV | 2.3898G | 48.13 | 54.00 | -5.87 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4394G | 108.40 | Inf | -Inf | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4858G | 47.07 | 54.00 | -6.93 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3454G | 60.39 | 74.00 | -13.61 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4394G | 118.32 | Inf | -Inf | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4882G | 59.71 | 74.00 | -14.29 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 4.868G | 39.47 | 54.00 | -14.53 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | PK | 4.8848G | 52.95 | 74.00 | -21.05 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | AV | 4.88126G | 38.73 | 54.00 | -15.27 | 3 | Horizontal | 345 | 2.47 | - |
| 2437MHz | Pass | PK | 4.88204G | 52.03 | 74.00 | -21.97 | 3 | Horizontal | 345 | 2.47 | - |
| 2457MHz | Pass | AV | 2.4582G | 112.52 | Inf | -Inf | 3 | Vertical | 35 | 1.51 | - |
| 2457MHz | Pass | AV | 2.4835G | 49.71 | 54.00 | -4.29 | 3 | Vertical | 35 | 1.51 | - |
| 2457MHz | Pass | PK | 2.4576G | 122.43 | Inf | -Inf | 3 | Vertical | 35 | 1.51 | - |
| 2457MHz | Pass | PK | 2.4838G | 62.65 | 74.00 | -11.35 | 3 | Vertical | 35 | 1.51 | - |
| 2457MHz | Pass | AV | 2.4506G | 107.86 | Inf | -Inf | 3 | Horizontal | 188 | 1.50 | - |
| 2457MHz | Pass | AV | 2.4836G | 47.82 | 54.00 | -6.18 | 3 | Horizontal | 188 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4512G | 118.73 | Inf | -Inf | 3 | Horizontal | 188 | 1.50 | - |
| 2457MHz | Pass | PK | 2.484G | 60.49 | 74.00 | -13.51 | 3 | Horizontal | 188 | 1.50 | - |
| 2462MHz | Pass | AV | 2.4604G | 112.54 | Inf | -Inf | 3 | Vertical | 32 | 2.98 | - |
| 2462MHz | Pass | AV | 2.4835G | 53.80 | 54.00 | -0.20 | 3 | Vertical | 32 | 2.98 | - |
| 2462MHz | Pass | PK | 2.4612G | 122.32 | Inf | -Inf | 3 | Vertical | 32 | 2.98 | - |
| 2462MHz | Pass | PK | 2.4835G | 65.37 | 74.00 | -8.63 | 3 | Vertical | 32 | 2.98 | - |
| 2462MHz | Pass | AV | 2.4558G | 107.75 | Inf | -Inf | 3 | Horizontal | 201 | 1.50 | - |
| 2462MHz | Pass | AV | 2.485G | 48.88 | 54.00 | -5.12 | 3 | Horizontal | 201 | 1.50 | - |
| 2462MHz | Pass | PK | 2.4564G | 118.08 | Inf | -Inf | 3 | Horizontal | 201 | 1.50 | - |
| 2462MHz | Pass | PK | 2.4846G | 62.97 | 74.00 | -11.03 | 3 | Horizontal | 201 | 1.50 | - |
| 2462MHz | Pass | AV | 4.93678G | 44.94 | 54.00 | -9.06 | 3 | Vertical | 132 | 1.50 | - |
| 2462MHz | Pass | PK | 4.93666G | 60.16 | 74.00 | -13.84 | 3 | Vertical | 132 | 1.50 | - |
| 2462MHz | Pass | AV | 4.93168G | 42.99 | 54.00 | -11.01 | 3 | Horizontal | 297 | 1.50 | - |
| 2462MHz | Pass | PK | 4.93252G | 56.53 | 74.00 | -17.47 | 3 | Horizontal | 297 | 1.50 | - |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.39G | 53.68 | 54.00 | -0.32 | 3 | Vertical | 45 | 2.11 | - |
| 2412MHz | Pass | AV | 2.4112G | 111.80 | Inf | -Inf | 3 | Vertical | 45 | 2.11 | - |
| 2412MHz | Pass | PK | 2.39G | 66.86 | 74.00 | -7.14 | 3 | Vertical | 45 | 2.11 | - |
| 2412MHz | Pass | PK | 2.4112G | 123.58 | Inf | -Inf | 3 | Vertical | 45 | 2.11 | - |
| 2412MHz | Pass | AV | 2.39G | 50.74 | 54.00 | -3.26 | 3 | Horizontal | 169 | 1.32 | - |
| 2412MHz | Pass | AV | 2.4056G | 107.31 | Inf | -Inf | 3 | Horizontal | 169 | 1.32 | - |
| 2412MHz | Pass | PK | 2.39G | 63.81 | 74.00 | -10.19 | 3 | Horizontal | 169 | 1.32 | - |
| 2412MHz | Pass | PK | 2.4058G | 119.79 | Inf | -Inf | 3 | Horizontal | 169 | 1.32 | - |
| 2412MHz | Pass | AV | 4.82364G | 38.57 | 54.00 | -15.43 | 3 | Vertical | 127 | 2.91 | - |
| 2412MHz | Pass | PK | 4.82342G | 51.31 | 74.00 | -22.69 | 3 | Vertical | 127 | 2.91 | - |
| 2412MHz | Pass | AV | 4.81828G | 40.65 | 54.00 | -13.35 | 3 | Horizontal | 265 | 1.48 | - |
| 2412MHz | Pass | PK | 4.81812G | 56.47 | 74.00 | -17.53 | 3 | Horizontal | 265 | 1.48 | - |
| 2417MHz | Pass | AV | 2.39G | 53.88 | 54.00 | -0.12 | 3 | Vertical | 50 | 1.00 | - |
| 2417MHz | Pass | AV | 2.4186G | 112.82 | Inf | -Inf | 3 | Vertical | 50 | 1.00 | - |
| 2417MHz | Pass | PK | 2.39G | 69.06 | 74.00 | -4.94 | 3 | Vertical | 50 | 1.00 | - |

Remark :

Page No. : F5 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2417MHz | Pass | PK | 2.418G | 124.34 | Inf | -Inf | 3 | Vertical | 50 | 1.00 | - |
| 2417MHz | Pass | AV | 2.39G | 53.62 | 54.00 | -0.38 | 3 | Horizontal | 183 | 1.50 | - |
| 2417MHz | Pass | AV | 2.4106G | 107.89 | Inf | -Inf | 3 | Horizontal | 183 | 1.50 | - |
| 2417MHz | Pass | PK | 2.39G | 68.03 | 74.00 | -5.97 | 3 | Horizontal | 183 | 1.50 | - |
| 2417MHz | Pass | PK | 2.4106G | 120.15 | Inf | -Inf | 3 | Horizontal | 183 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3898G | 47.08 | 54.00 | -6.92 | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | AV | 2.4382G | 113.37 | Inf | -Inf | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | AV | 2.4854G | 47.15 | 54.00 | -6.85 | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | PK | 2.3886G | 60.06 | 74.00 | -13.94 | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | PK | 2.4378G | 126.00 | Inf | -Inf | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | PK | 2.491G | 59.88 | 74.00 | -14.12 | 3 | Vertical | 46 | 1.36 | - |
| 2437MHz | Pass | AV | 2.3898G | 49.11 | 54.00 | -4.89 | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4402G | 110.00 | Inf | -Inf | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | AV | 2.485G | 46.99 | 54.00 | -7.01 | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3898G | 61.76 | 74.00 | -12.24 | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | PK | 2.439G | 121.71 | Inf | -Inf | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4866G | 59.73 | 74.00 | -14.27 | 3 | Horizontal | 170 | 1.50 | - |
| 2437MHz | Pass | PK | 4.88576G | 55.23 | 74.00 | -18.77 | 3 | Vertical | 148 | 1.50 | - |
| 2437MHz | Pass | AV | 4.88348G | 39.91 | 54.00 | -14.09 | 3 | Vertical | 148 | 1.50 | - |
| 2437MHz | Pass | AV | 4.87712G | 39.18 | 54.00 | -14.82 | 3 | Horizontal | 326 | 1.50 | - |
| 2437MHz | Pass | PK | 4.8758G | 52.18 | 74.00 | -21.82 | 3 | Horizontal | 326 | 1.50 | - |
| 2457MHz | Pass | AV | 2.458G | 112.28 | Inf | -Inf | 3 | Vertical | 38 | 1.50 | - |
| 2457MHz | Pass | AV | 2.4835G | 52.28 | 54.00 | -1.72 | 3 | Vertical | 38 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4578G | 123.34 | Inf | -Inf | 3 | Vertical | 38 | 1.50 | - |
| 2457MHz | Pass | PK | 2.4835G | 67.22 | 74.00 | -6.78 | 3 | Vertical | 38 | 1.50 | - |
| 2457MHz | Pass | AV | 2.4508G | 109.40 | Inf | -Inf | 3 | Horizontal | 185 | 1.66 | - |
| 2457MHz | Pass | AV | 2.4835G | 49.50 | 54.00 | -4.50 | 3 | Horizontal | 185 | 1.66 | - |
| 2457MHz | Pass | PK | 2.45G | 121.69 | Inf | -Inf | 3 | Horizontal | 185 | 1.66 | - |
| 2457MHz | Pass | PK | 2.4835G | 63.41 | 74.00 | -10.59 | 3 | Horizontal | 185 | 1.66 | - |
| 2462MHz | Pass | AV | 2.4546G | 114.73 | Inf | -Inf | 3 | Vertical | 76 | 2.05 | - |
| 2462MHz | Pass | AV | 2.4835G | 53.19 | 54.00 | -0.81 | 3 | Vertical | 76 | 2.05 | - |
| 2462MHz | Pass | PK | 2.4552G | 125.67 | Inf | -Inf | 3 | Vertical | 76 | 2.05 | - |
| 2462MHz | Pass | PK | 2.4835G | 66.43 | 74.00 | -7.57 | 3 | Vertical | 76 | 2.05 | - |
| 2462MHz | Pass | AV | 2.4544G | 110.08 | Inf | -Inf | 3 | Horizontal | 99 | 2.22 | - |
| 2462MHz | Pass | AV | 2.4838G | 52.51 | 54.00 | -1.49 | 3 | Horizontal | 99 | 2.22 | - |
| 2462MHz | Pass | PK | 2.4552G | 121.99 | Inf | -Inf | 3 | Horizontal | 99 | 2.22 | - |
| 2462MHz | Pass | PK | 2.4835G | 66.95 | 74.00 | -7.05 | 3 | Horizontal | 99 | 2.22 | - |
| 2462MHz | Pass | AV | 4.93708G | 44.91 | 54.00 | -9.09 | 3 | Vertical | 122 | 1.86 | - |
| 2462MHz | Pass | PK | 4.93882G | 60.64 | 74.00 | -13.36 | 3 | Vertical | 122 | 1.86 | - |
| 2462MHz | Pass | AV | 4.9206G | 42.46 | 54.00 | -11.54 | 3 | Horizontal | 274 | 1.50 | - |
| 2462MHz | Pass | PK | 4.9403G | 57.37 | 74.00 | -16.63 | 3 | Horizontal | 274 | 1.50 | - |
| VHT40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | AV | 2.39G | 53.91 | 54.00 | -0.09 | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | AV | 2.4332G | 109.07 | Inf | -Inf | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | AV | 2.496G | 47.12 | 54.00 | -6.88 | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | PK | 2.3896G | 66.12 | 74.00 | -7.88 | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | PK | 2.4324G | 118.56 | Inf | -Inf | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | PK | 2.4856G | 60.51 | 74.00 | -13.49 | 3 | Vertical | 61 | 3.00 | - |
| 2422MHz | Pass | AV | 2.39G | 48.18 | 54.00 | -5.82 | 3 | Horizontal | 183 | 1.50 | - |

Remark :

Page No. : F6 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 2422MHz | Pass | AV | 2.4156G | 101.54 | Inf | -Inf | 3 | Horizontal | 183 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4944G | 47.09 | 54.00 | -6.91 | 3 | Horizontal | 183 | 1.50 | - |
| 2422MHz | Pass | PK | 2.3524G | 59.67 | 74.00 | -14.33 | 3 | Horizontal | 183 | 1.50 | - |
| 2422MHz | Pass | PK | 2.4152G | 111.83 | Inf | -Inf | 3 | Horizontal | 183 | 1.50 | - |
| 2422MHz | Pass | PK | 2.4848G | 59.47 | 74.00 | -14.53 | 3 | Horizontal | 183 | 1.50 | - |
| 2422MHz | Pass | AV | 4.839G | 35.84 | 54.00 | -18.16 | 3 | Vertical | 209 | 1.29 | - |
| 2422MHz | Pass | PK | 4.8488G | 48.61 | 74.00 | -25.39 | 3 | Vertical | 209 | 1.29 | - |
| 2422MHz | Pass | AV | 4.83966G | 35.71 | 54.00 | -18.29 | 3 | Horizontal | 260 | 1.50 | - |
| 2422MHz | Pass | PK | 4.8406G | 48.27 | 74.00 | -25.73 | 3 | Horizontal | 260 | 1.50 | - |
| 2427MHz | Pass | AV | 2.3898G | 53.39 | 54.00 | -0.61 | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | AV | 2.4282G | 109.54 | Inf | -Inf | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | AV | 2.4914G | 47.18 | 54.00 | -6.82 | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | PK | 2.3898G | 65.02 | 74.00 | -8.98 | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | PK | 2.429G | 119.00 | Inf | -Inf | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | PK | 2.495G | 59.67 | 74.00 | -14.33 | 3 | Vertical | 98 | 1.00 | - |
| 2427MHz | Pass | AV | 2.3898G | 49.40 | 54.00 | -4.60 | 3 | Horizontal | 169 | 1.50 | - |
| 2427MHz | Pass | AV | 2.441G | 102.01 | Inf | -Inf | 3 | Horizontal | 169 | 1.50 | - |
| 2427MHz | Pass | AV | 2.4942G | 46.95 | 54.00 | -7.05 | 3 | Horizontal | 169 | 1.50 | - |
| 2427MHz | Pass | PK | 2.3602G | 60.99 | 74.00 | -13.01 | 3 | Horizontal | 169 | 1.50 | - |
| 2427MHz | Pass | PK | 2.4398G | 112.41 | Inf | -Inf | 3 | Horizontal | 169 | 1.50 | - |
| 2427MHz | Pass | PK | 2.4946G | 60.20 | 74.00 | -13.80 | 3 | Horizontal | 169 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3898G | 50.58 | 54.00 | -3.42 | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4382G | 108.54 | Inf | -Inf | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4835G | 49.63 | 54.00 | -4.37 | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3898G | 62.05 | 74.00 | -11.95 | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4382G | 117.56 | Inf | -Inf | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4838G | 61.53 | 74.00 | -12.47 | 3 | Vertical | 28 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3898G | 53.98 | 54.00 | -0.02 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4394G | 105.29 | Inf | -Inf | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4835G | 48.89 | 54.00 | -5.11 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3898G | 66.16 | 74.00 | -7.84 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.439G | 114.97 | Inf | -Inf | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4835G | 62.21 | 74.00 | -11.79 | 3 | Horizontal | 171 | 1.50 | - |
| 2437MHz | Pass | AV | 4.88516G | 37.94 | 54.00 | -16.06 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | PK | 4.88612G | 50.67 | 74.00 | -23.33 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | AV | 4.88072G | 36.17 | 54.00 | -17.83 | 3 | Horizontal | 282 | 1.50 | - |
| 2437MHz | Pass | PK | 4.88144G | 48.75 | 74.00 | -25.25 | 3 | Horizontal | 282 | 1.50 | - |
| 2452MHz | Pass | AV | 2.39G | 48.17 | 54.00 | -5.83 | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4532G | 107.73 | Inf | -Inf | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4852G | 51.78 | 54.00 | -2.22 | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | PK | 2.3616G | 60.22 | 74.00 | -13.78 | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | PK | 2.4532G | 116.76 | Inf | -Inf | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | PK | 2.4852G | 66.25 | 74.00 | -7.75 | 3 | Vertical | 30 | 1.50 | - |
| 2452MHz | Pass | AV | 2.39G | 47.11 | 54.00 | -6.89 | 3 | Horizontal | 204 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4456G | 104.71 | Inf | -Inf | 3 | Horizontal | 204 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4844G | 53.47 | 54.00 | -0.53 | 3 | Horizontal | 204 | 1.50 | - |
| 2452MHz | Pass | PK | 2.3824G | 59.55 | 74.00 | -14.45 | 3 | Horizontal | 204 | 1.50 | - |
| 2452MHz | Pass | PK | 2.4448G | 115.18 | Inf | -Inf | 3 | Horizontal | 204 | 1.50 | - |
| 2452MHz | Pass | PK | 2.4844G | 66.42 | 74.00 | -7.58 | 3 | Horizontal | 204 | 1.50 | - |

Remark :

Page No. : F7 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2452MHz | Pass | AV | 4.917G | 39.69 | 54.00 | -14.31 | 3 | Vertical | 134 | 1.55 | - |
| 2452MHz | Pass | PK | 4.9171G | 51.90 | 74.00 | -22.10 | 3 | Vertical | 134 | 1.55 | - |
| 2452MHz | Pass | AV | 4.9192G | 37.75 | 54.00 | -16.25 | 3 | Horizontal | 272 | 1.50 | - |
| 2452MHz | Pass | PK | 4.9211G | 50.91 | 74.00 | -23.09 | 3 | Horizontal | 272 | 1.50 | - |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | AV | 2.39G | 53.77 | 54.00 | -0.23 | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4232G | 108.25 | Inf | -Inf | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4835G | 47.16 | 54.00 | -6.84 | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | PK | 2.39G | 66.23 | 74.00 | -7.77 | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | PK | 2.424G | 119.72 | Inf | -Inf | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | PK | 2.4888G | 59.98 | 74.00 | -14.02 | 3 | Vertical | 26 | 1.50 | - |
| 2422MHz | Pass | AV | 2.39G | 53.66 | 54.00 | -0.34 | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4252G | 105.79 | Inf | -Inf | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4852G | 47.22 | 54.00 | -6.78 | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | PK | 2.39G | 64.81 | 74.00 | -9.19 | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | PK | 2.424G | 117.85 | Inf | -Inf | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | PK | 2.496G | 60.11 | 74.00 | -13.89 | 3 | Horizontal | 150 | 1.50 | - |
| 2422MHz | Pass | AV | 4.8362G | 37.41 | 54.00 | -16.59 | 3 | Vertical | 99 | 1.50 | - |
| 2422MHz | Pass | PK | 4.8354G | 49.24 | 74.00 | -24.76 | 3 | Vertical | 99 | 1.50 | - |
| 2422MHz | Pass | AV | 4.8387G | 38.38 | 54.00 | -15.62 | 3 | Horizontal | 262 | 1.49 | - |
| 2422MHz | Pass | PK | 4.8372G | 50.49 | 74.00 | -23.51 | 3 | Horizontal | 262 | 1.49 | - |
| 2427MHz | Pass | AV | 2.3898G | 53.80 | 54.00 | -0.20 | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | AV | 2.4282G | 107.85 | Inf | -Inf | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | AV | 2.4974G | 47.03 | 54.00 | -6.97 | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | PK | 2.3898G | 68.30 | 74.00 | -5.70 | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | PK | 2.429G | 121.15 | Inf | -Inf | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | PK | 2.4942G | 59.93 | 74.00 | -14.07 | 3 | Vertical | 92 | 1.50 | - |
| 2427MHz | Pass | AV | 2.3898G | 53.44 | 54.00 | -0.56 | 3 | Horizontal | 168 | 1.50 | - |
| 2427MHz | Pass | AV | 2.4406G | 103.14 | Inf | -Inf | 3 | Horizontal | 168 | 1.50 | - |
| 2427MHz | Pass | AV | 2.487G | 46.97 | 54.00 | -7.03 | 3 | Horizontal | 168 | 1.50 | - |
| 2427MHz | Pass | PK | 2.3898G | 65.48 | 74.00 | -8.52 | 3 | Horizontal | 168 | 1.50 | - |
| 2427MHz | Pass | PK | 2.4198G | 115.25 | Inf | -Inf | 3 | Horizontal | 168 | 1.50 | - |
| 2427MHz | Pass | PK | 2.487G | 59.61 | 74.00 | -14.39 | 3 | Horizontal | 168 | 1.50 | - |
| 2437MHz | Pass | AV | 2.39G | 53.77 | 54.00 | -0.23 | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | AV | 2.4362G | 110.89 | Inf | -Inf | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | AV | 2.4835G | 48.56 | 54.00 | -5.44 | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | PK | 2.3898G | 64.21 | 74.00 | -9.79 | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | PK | 2.4358G | 123.04 | Inf | -Inf | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | PK | 2.495G | 60.18 | 74.00 | -13.82 | 3 | Vertical | 43 | 2.08 | - |
| 2437MHz | Pass | AV | 2.3898G | 53.85 | 54.00 | -0.15 | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4406G | 107.37 | Inf | -Inf | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4835G | 48.22 | 54.00 | -5.78 | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3898G | 66.28 | 74.00 | -7.72 | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4398G | 119.79 | Inf | -Inf | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4835G | 60.96 | 74.00 | -13.04 | 3 | Horizontal | 151 | 1.50 | - |
| 2437MHz | Pass | AV | 4.8824G | 37.71 | 54.00 | -16.29 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | PK | 4.8853G | 51.16 | 74.00 | -22.84 | 3 | Vertical | 145 | 1.50 | - |
| 2437MHz | Pass | AV | 4.8918G | 36.85 | 54.00 | -17.15 | 3 | Horizontal | 274 | 1.50 | - |
| 2437MHz | Pass | PK | 4.8917G | 50.60 | 74.00 | -23.40 | 3 | Horizontal | 274 | 1.50 | - |

Remark :

Page No. : F8 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9N1813-01



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2447MHz | Pass | AV | 2.3898G | 47.38 | 54.00 | -6.62 | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | AV | 2.4378G | 109.54 | Inf | -Inf | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | AV | 2.485G | 47.66 | 54.00 | -6.34 | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | PK | 2.3898G | 59.95 | 74.00 | -14.05 | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | PK | 2.439G | 121.15 | Inf | -Inf | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | PK | 2.4906G | 59.91 | 74.00 | -14.09 | 3 | Vertical | 80 | 2.99 | - |
| 2447MHz | Pass | AV | 2.3578G | 46.94 | 54.00 | -7.06 | 3 | Horizontal | 191 | 1.45 | - |
| 2447MHz | Pass | AV | 2.4406G | 104.27 | Inf | -Inf | 3 | Horizontal | 191 | 1.45 | - |
| 2447MHz | Pass | AV | 2.4835G | 49.63 | 54.00 | -4.37 | 3 | Horizontal | 191 | 1.45 | - |
| 2447MHz | Pass | PK | 2.3846G | 60.28 | 74.00 | -13.72 | 3 | Horizontal | 191 | 1.45 | - |
| 2447MHz | Pass | PK | 2.4402G | 116.12 | Inf | -Inf | 3 | Horizontal | 191 | 1.45 | - |
| 2447MHz | Pass | PK | 2.4842G | 60.79 | 74.00 | -13.21 | 3 | Horizontal | 191 | 1.45 | - |
| 2452MHz | Pass | AV | 2.39G | 48.21 | 54.00 | -5.79 | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | AV | 2.4512G | 110.28 | Inf | -Inf | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | AV | 2.484G | 53.70 | 54.00 | -0.30 | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | PK | 2.3624G | 59.60 | 74.00 | -14.40 | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | PK | 2.4504G | 121.33 | Inf | -Inf | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | PK | 2.484G | 67.91 | 74.00 | -6.09 | 3 | Vertical | 43 | 1.86 | - |
| 2452MHz | Pass | AV | 2.39G | 47.07 | 54.00 | -6.93 | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | AV | 2.4556G | 105.63 | Inf | -Inf | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | AV | 2.484G | 48.43 | 54.00 | -5.57 | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | PK | 2.3812G | 59.78 | 74.00 | -14.22 | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | PK | 2.4556G | 117.90 | Inf | -Inf | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | PK | 2.4848G | 61.11 | 74.00 | -12.89 | 3 | Horizontal | 146 | 1.37 | - |
| 2452MHz | Pass | AV | 4.9171G | 39.52 | 54.00 | -14.48 | 3 | Vertical | 129 | 1.63 | - |
| 2452MHz | Pass | PK | 4.9174G | 51.74 | 74.00 | -22.26 | 3 | Vertical | 129 | 1.63 | - |
| 2452MHz | Pass | AV | 4.9188G | 38.20 | 54.00 | -15.80 | 3 | Horizontal | 272 | 1.50 | - |
| 2452MHz | Pass | PK | 4.8995G | 50.86 | 74.00 | -23.14 | 3 | Horizontal | 272 | 1.50 | - |

Remark :

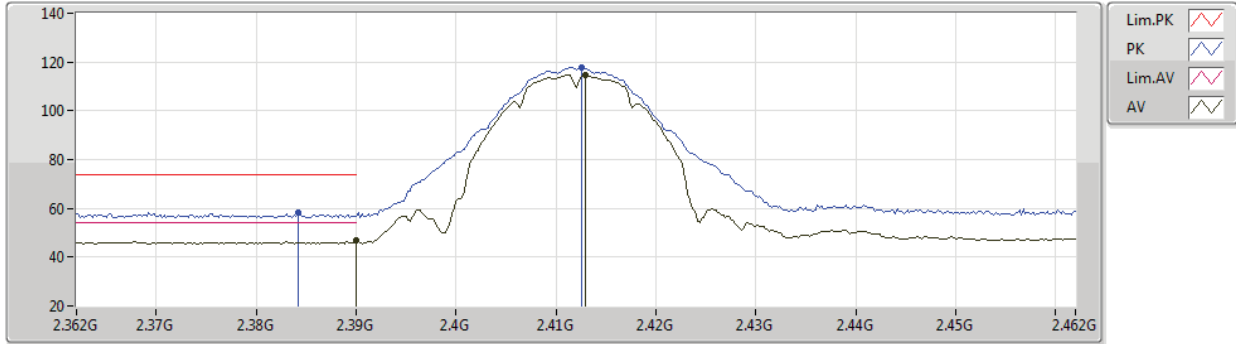
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11b_Nss1,(1Mbps)_4TX

11/05/2020

2412MHz_TX



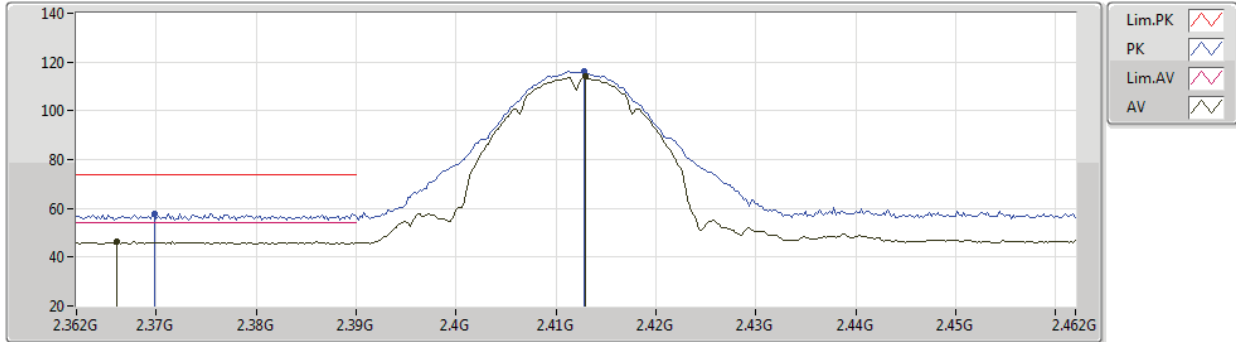
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 46.81 | 54.00 | -7.19 | 32.72 | 3 | Vertical | 103 | 1.76 | - | 14.09 | 27.64 | 5.08 | - |
| AV | 2.413G | 114.89 | Inf | -Inf | 32.71 | 3 | Vertical | 103 | 1.76 | - | 82.18 | 27.59 | 5.12 | - |
| PK | 2.3842G | 58.51 | 74.00 | -15.49 | 32.73 | 3 | Vertical | 103 | 1.76 | - | 25.78 | 27.66 | 5.07 | - |
| PK | 2.4126G | 117.89 | Inf | -Inf | 32.71 | 3 | Vertical | 103 | 1.76 | - | 85.18 | 27.59 | 5.12 | - |



802.11b_Nss1,(1Mbps)_4TX

11/05/2020

2412MHz_TX



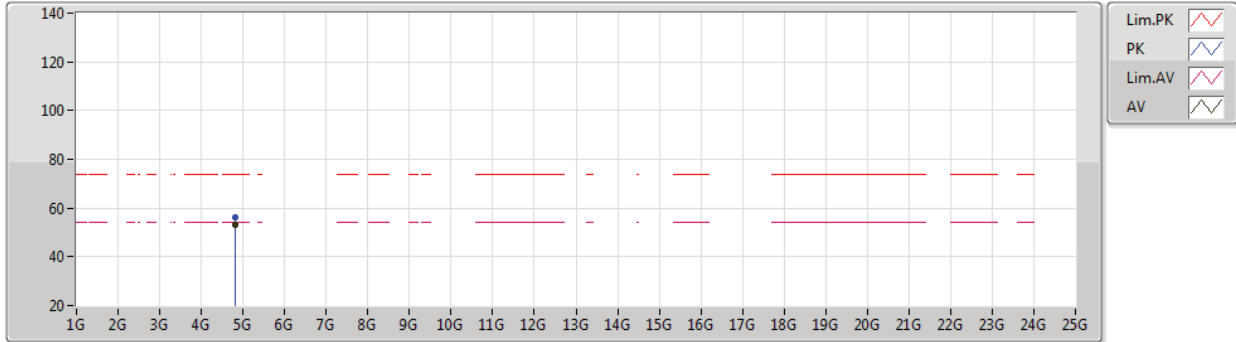
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.366G | 46.31 | 54.00 | -7.69 | 32.77 | 3 | Horizontal | 332 | 1.66 | - | 13.54 | 27.74 | 5.03 | - |
| AV | 2.413G | 114.04 | Inf | -Inf | 32.71 | 3 | Horizontal | 332 | 1.66 | - | 81.33 | 27.59 | 5.12 | - |
| PK | 2.3698G | 57.87 | 74.00 | -16.13 | 32.76 | 3 | Horizontal | 332 | 1.66 | - | 25.11 | 27.72 | 5.04 | - |
| PK | 2.4128G | 116.11 | Inf | -Inf | 32.71 | 3 | Horizontal | 332 | 1.66 | - | 83.40 | 27.59 | 5.12 | - |



802.11b_Nss1,(1Mbps)_4TX

11/05/2020

2412MHz_TX



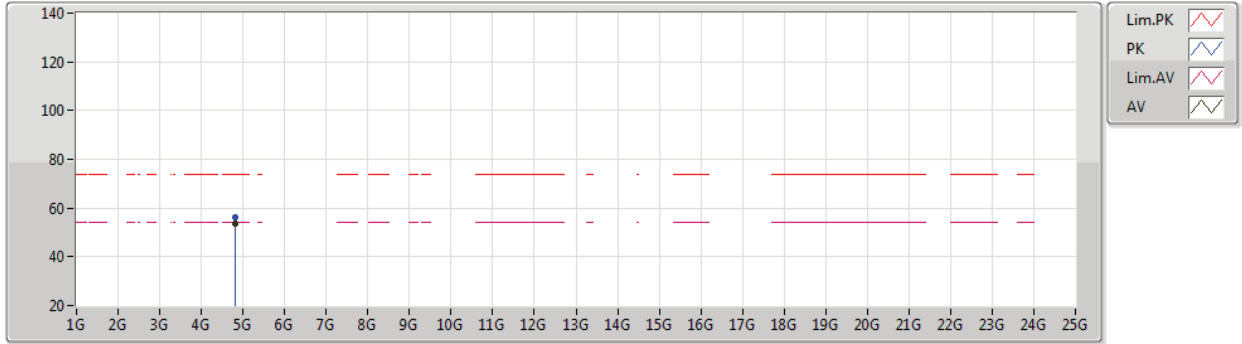
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.82402G | 53.03 | 54.00 | -0.97 | 4.37 | 3 | Vertical | 9 | 1.91 | - | 48.66 | 31.10 | 7.32 | 34.05 |
| PK | 4.82396G | 56.05 | 74.00 | -17.95 | 4.37 | 3 | Vertical | 9 | 1.91 | - | 51.68 | 31.10 | 7.32 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

11/05/2020

2412MHz_TX



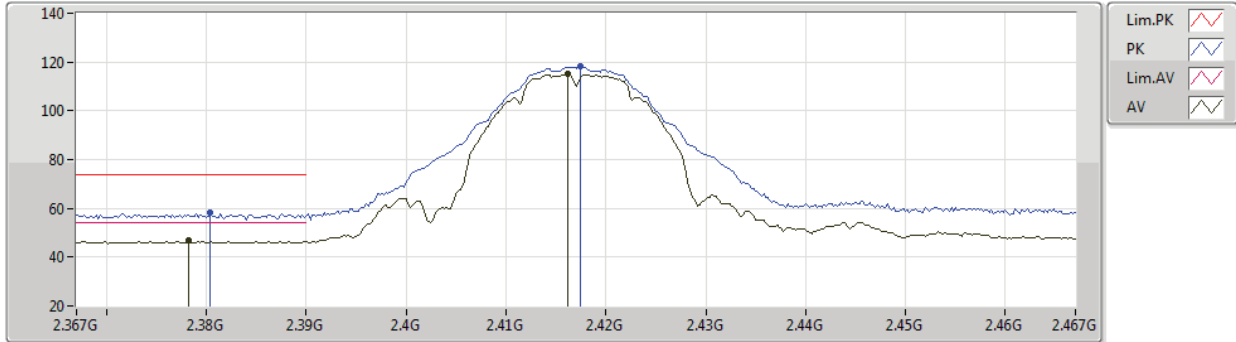
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.82404G | 53.45 | 54.00 | -0.55 | 4.37 | 3 | Horizontal | 237 | 1.81 | - | 49.08 | 31.10 | 7.32 | 34.05 |
| PK | 4.82394G | 56.15 | 74.00 | -17.85 | 4.37 | 3 | Horizontal | 237 | 1.81 | - | 51.78 | 31.10 | 7.32 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2417MHz_TX



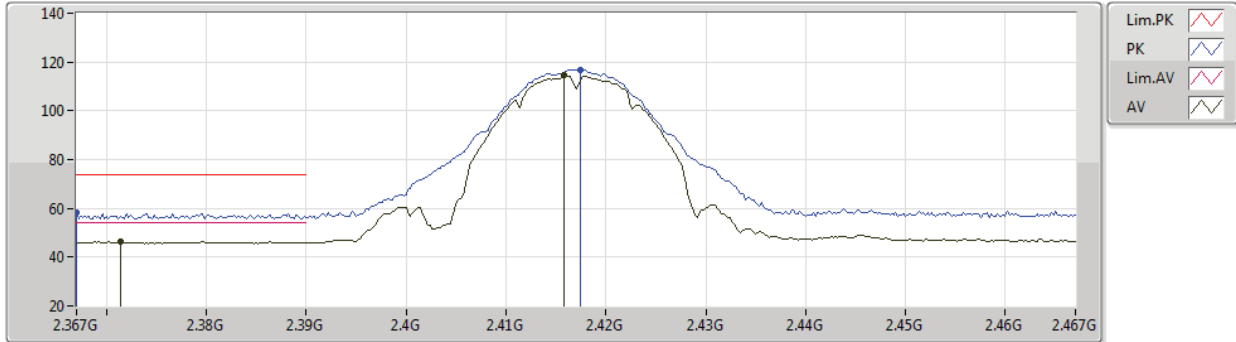
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3782G | 46.74 | 54.00 | -7.26 | 32.75 | 3 | Vertical | 96 | 1.97 | - | 13.99 | 27.69 | 5.06 | - |
| AV | 2.4162G | 115.06 | Inf | -Inf | 32.70 | 3 | Vertical | 96 | 1.97 | - | 82.36 | 27.58 | 5.12 | - |
| PK | 2.3804G | 58.30 | 74.00 | -15.70 | 32.74 | 3 | Vertical | 96 | 1.97 | - | 25.56 | 27.68 | 5.06 | - |
| PK | 2.4174G | 118.26 | Inf | -Inf | 32.71 | 3 | Vertical | 96 | 1.97 | - | 85.55 | 27.58 | 5.13 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2417MHz_TX



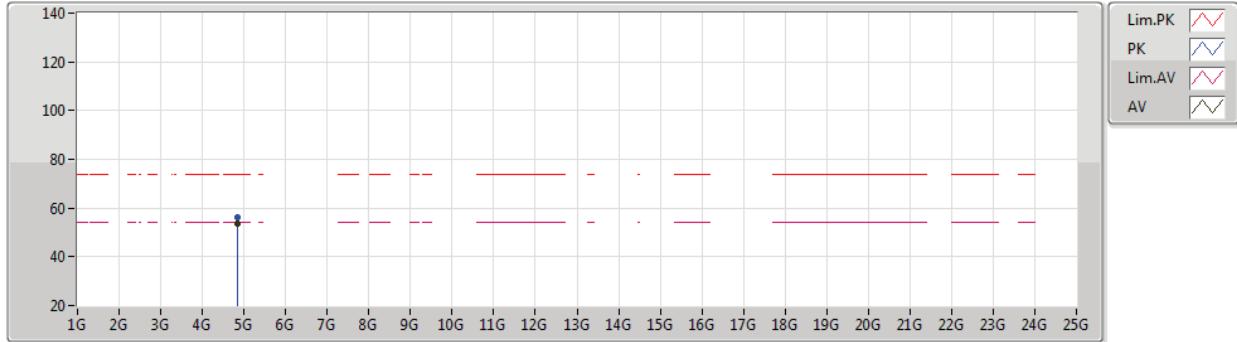
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3714G | 46.43 | 54.00 | -7.57 | 32.75 | 3 | Horizontal | 328 | 1.06 | - | 13.68 | 27.71 | 5.04 | - |
| AV | 2.4158G | 114.50 | Inf | -Inf | 32.70 | 3 | Horizontal | 328 | 1.06 | - | 81.80 | 27.58 | 5.12 | - |
| PK | 2.367G | 58.41 | 74.00 | -15.59 | 32.76 | 3 | Horizontal | 328 | 1.06 | - | 25.65 | 27.73 | 5.03 | - |
| PK | 2.4174G | 116.91 | Inf | -Inf | 32.71 | 3 | Horizontal | 328 | 1.06 | - | 84.20 | 27.58 | 5.13 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2417MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.83401G | 53.39 | 54.00 | -0.61 | 4.38 | 3 | Vertical | 8 | 1.70 | - | 49.01 | 31.10 | 7.33 | 34.05 |
| PK | 4.8339G | 56.23 | 74.00 | -17.77 | 4.38 | 3 | Vertical | 8 | 1.70 | - | 51.85 | 31.10 | 7.33 | 34.05 |

Remark :

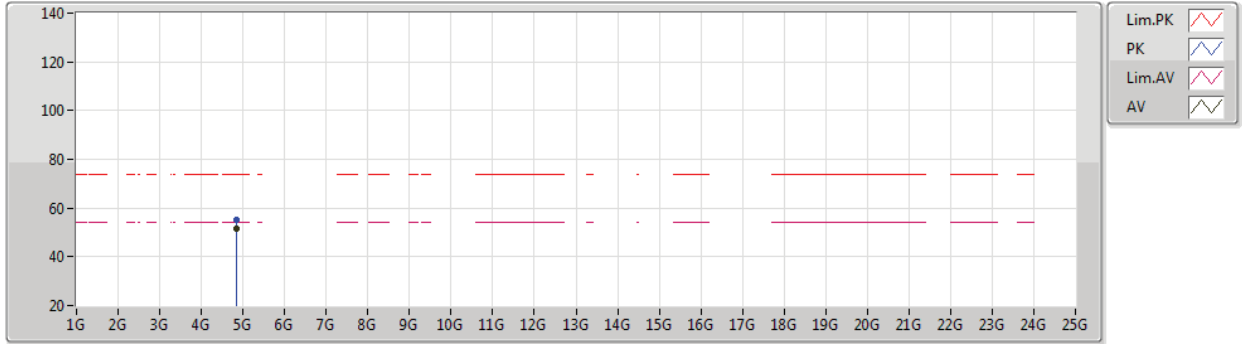
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2417MHz_TX



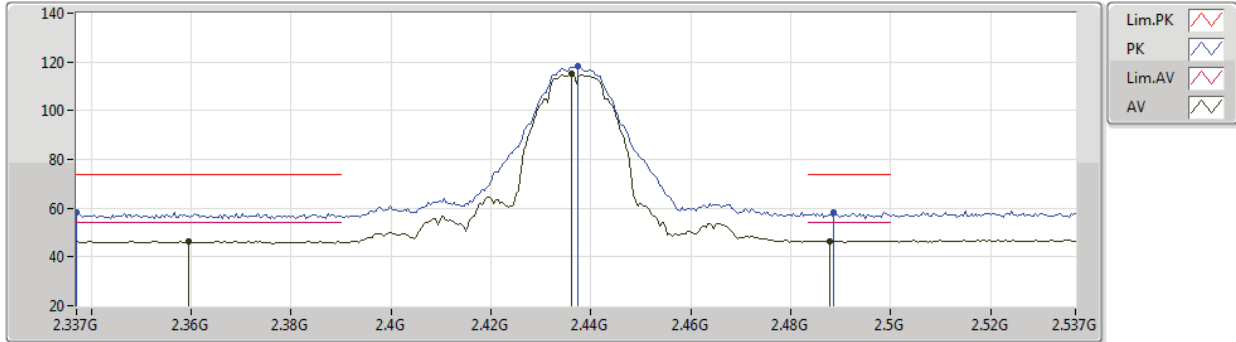
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.83402G | 51.78 | 54.00 | -2.22 | 4.38 | 3 | Horizontal | 234 | 2.03 | - | 47.40 | 31.10 | 7.33 | 34.05 |
| PK | 4.83406G | 55.15 | 74.00 | -18.85 | 4.38 | 3 | Horizontal | 234 | 2.03 | - | 50.77 | 31.10 | 7.33 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2437MHz_TX



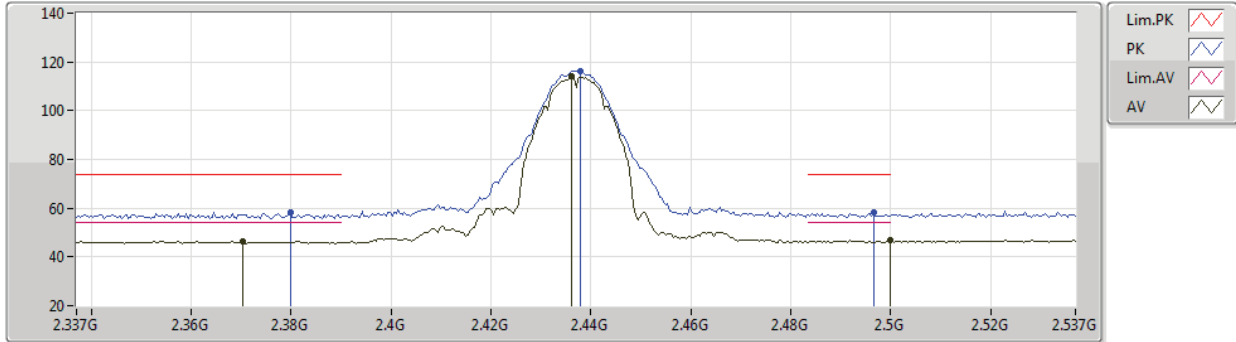
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3594G | 46.61 | 54.00 | -7.39 | 32.78 | 3 | Vertical | 95 | 2.25 | - | 13.83 | 27.76 | 5.02 | - |
| AV | 2.4362G | 115.08 | Inf | -Inf | 32.71 | 3 | Vertical | 95 | 2.25 | - | 82.37 | 27.56 | 5.15 | - |
| AV | 2.4878G | 46.61 | 54.00 | -7.39 | 32.74 | 3 | Vertical | 95 | 2.25 | - | 13.87 | 27.51 | 5.23 | - |
| PK | 2.337G | 58.48 | 74.00 | -15.52 | 32.82 | 3 | Vertical | 95 | 2.25 | - | 25.66 | 27.85 | 4.97 | - |
| PK | 2.4374G | 118.41 | Inf | -Inf | 32.72 | 3 | Vertical | 95 | 2.25 | - | 85.69 | 27.56 | 5.16 | - |
| PK | 2.4886G | 58.30 | 74.00 | -15.70 | 32.74 | 3 | Vertical | 95 | 2.25 | - | 25.56 | 27.51 | 5.23 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2437MHz_TX



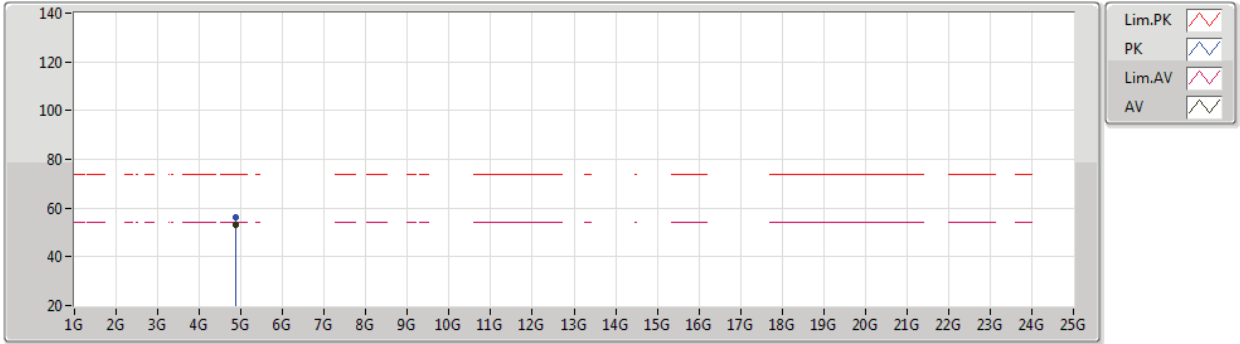
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3702G | 46.36 | 54.00 | -7.64 | 32.76 | 3 | Horizontal | 322 | 1.67 | - | 13.60 | 27.72 | 5.04 | - |
| AV | 2.4362G | 113.97 | Inf | -Inf | 32.71 | 3 | Horizontal | 322 | 1.67 | - | 81.26 | 27.56 | 5.15 | - |
| AV | 2.4998G | 46.71 | 54.00 | -7.29 | 32.75 | 3 | Horizontal | 322 | 1.67 | - | 13.96 | 27.50 | 5.25 | - |
| PK | 2.3798G | 58.41 | 74.00 | -15.59 | 32.74 | 3 | Horizontal | 322 | 1.67 | - | 25.67 | 27.68 | 5.06 | - |
| PK | 2.4378G | 116.36 | Inf | -Inf | 32.72 | 3 | Horizontal | 322 | 1.67 | - | 83.64 | 27.56 | 5.16 | - |
| PK | 2.4966G | 58.23 | 74.00 | -15.77 | 32.74 | 3 | Horizontal | 322 | 1.67 | - | 25.49 | 27.50 | 5.24 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2437MHz_TX



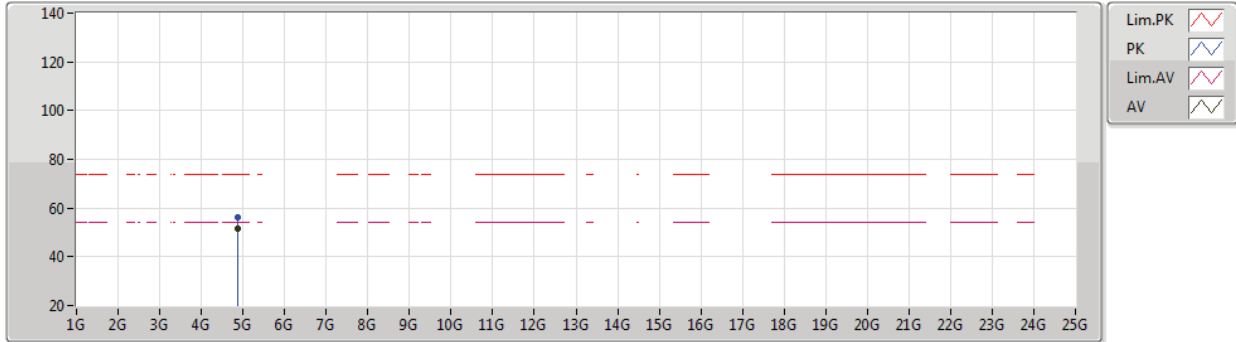
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87402G | 53.36 | 54.00 | -0.64 | 4.42 | 3 | Vertical | 12 | 1.50 | - | 48.94 | 31.10 | 7.37 | 34.05 |
| PK | 4.87391G | 56.45 | 74.00 | -17.55 | 4.42 | 3 | Vertical | 12 | 1.50 | - | 52.03 | 31.10 | 7.37 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2437MHz_TX



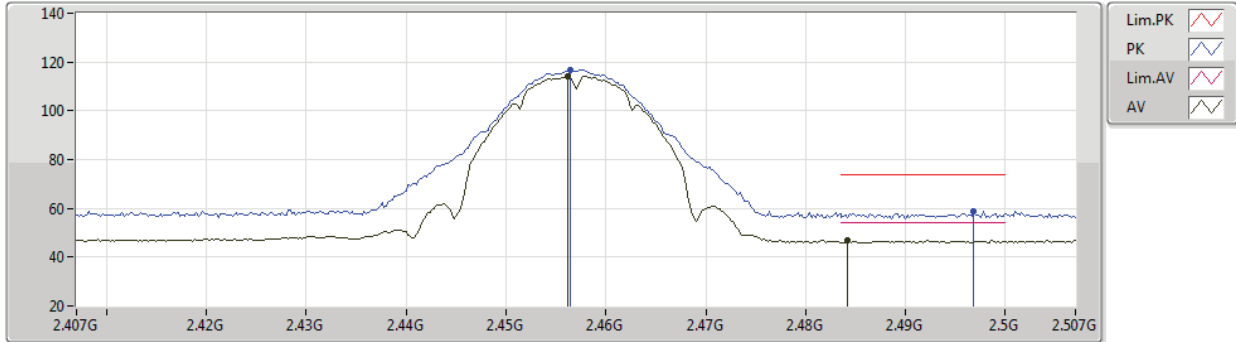
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87406G | 51.81 | 54.00 | -2.19 | 4.42 | 3 | Horizontal | 264 | 1.60 | - | 47.39 | 31.10 | 7.37 | 34.05 |
| PK | 4.87397G | 56.41 | 74.00 | -17.59 | 4.42 | 3 | Horizontal | 264 | 1.60 | - | 51.99 | 31.10 | 7.37 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2457MHz_TX



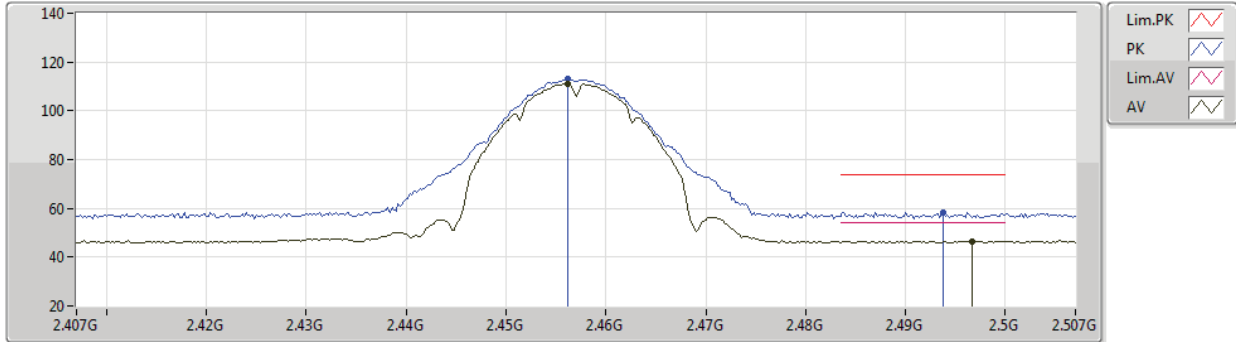
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4562G | 114.30 | Inf | -Inf | 32.72 | 3 | Vertical | 107 | 1.90 | - | 81.58 | 27.54 | 5.18 | - |
| AV | 2.4842G | 46.74 | 54.00 | -7.26 | 32.75 | 3 | Vertical | 107 | 1.90 | - | 13.99 | 27.52 | 5.23 | - |
| PK | 2.4564G | 116.62 | Inf | -Inf | 32.72 | 3 | Vertical | 107 | 1.90 | - | 83.90 | 27.54 | 5.18 | - |
| PK | 2.4968G | 58.76 | 74.00 | -15.24 | 32.75 | 3 | Vertical | 107 | 1.90 | - | 26.01 | 27.50 | 5.25 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2457MHz_TX



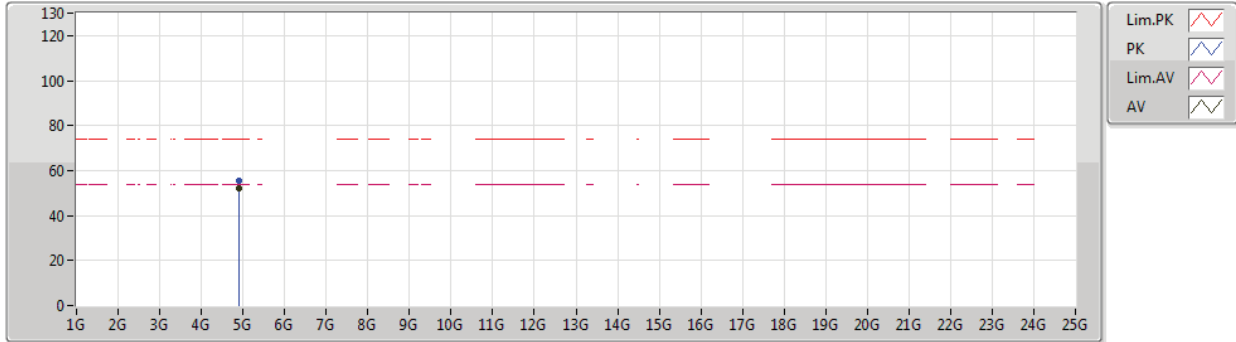
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4562G | 111.05 | Inf | -Inf | 32.72 | 3 | Horizontal | 322 | 1.50 | - | 78.33 | 27.54 | 5.18 | - |
| AV | 2.4966G | 46.62 | 54.00 | -7.38 | 32.74 | 3 | Horizontal | 322 | 1.50 | - | 13.88 | 27.50 | 5.24 | - |
| PK | 2.4562G | 112.96 | Inf | -Inf | 32.72 | 3 | Horizontal | 322 | 1.50 | - | 80.24 | 27.54 | 5.18 | - |
| PK | 2.4938G | 58.29 | 74.00 | -15.71 | 32.75 | 3 | Horizontal | 322 | 1.50 | - | 25.54 | 27.51 | 5.24 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2457MHz_TX



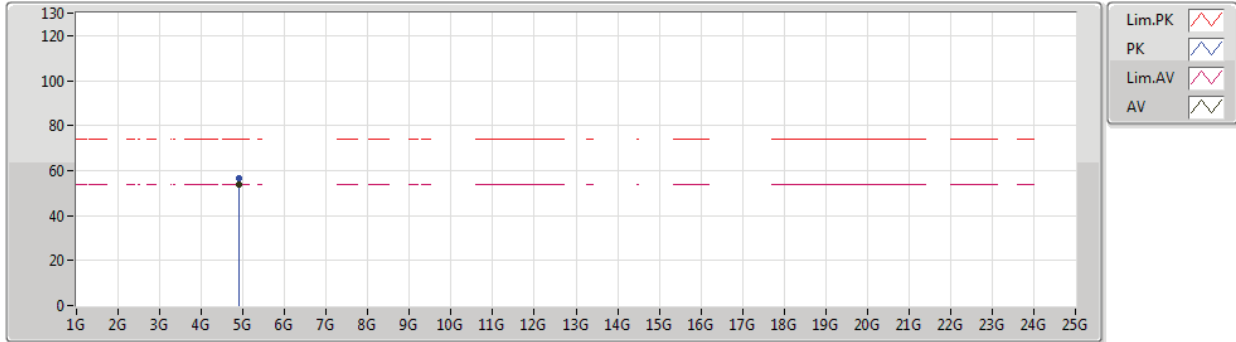
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.91404G | 52.33 | 54.00 | -1.67 | 4.52 | 3 | Vertical | 13 | 1.49 | - | 47.81 | 31.16 | 7.41 | 34.05 |
| PK | 4.91403G | 55.38 | 74.00 | -18.62 | 4.52 | 3 | Vertical | 13 | 1.49 | - | 50.86 | 31.16 | 7.41 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2457MHz_TX



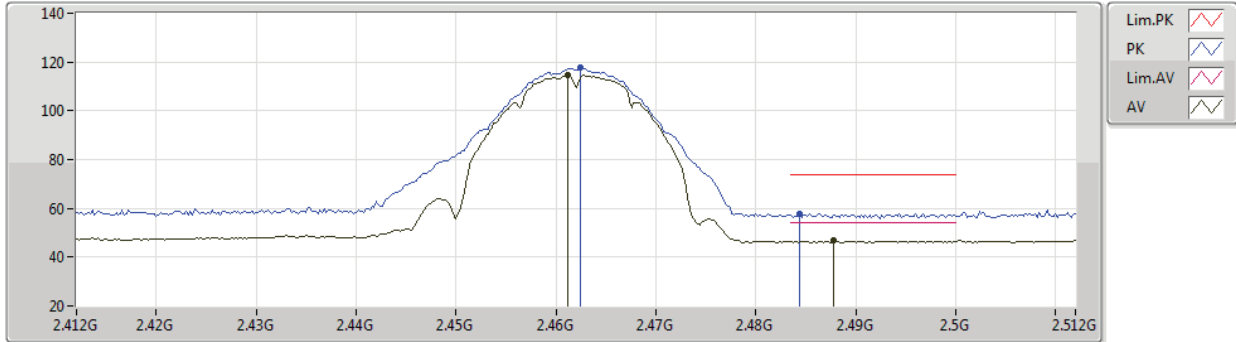
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.91401G | 53.63 | 54.00 | -0.37 | 4.52 | 3 | Horizontal | 287 | 1.43 | - | 49.11 | 31.16 | 7.41 | 34.05 |
| PK | 4.91395G | 56.41 | 74.00 | -17.59 | 4.52 | 3 | Horizontal | 287 | 1.43 | - | 51.89 | 31.16 | 7.41 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2462MHz_TX



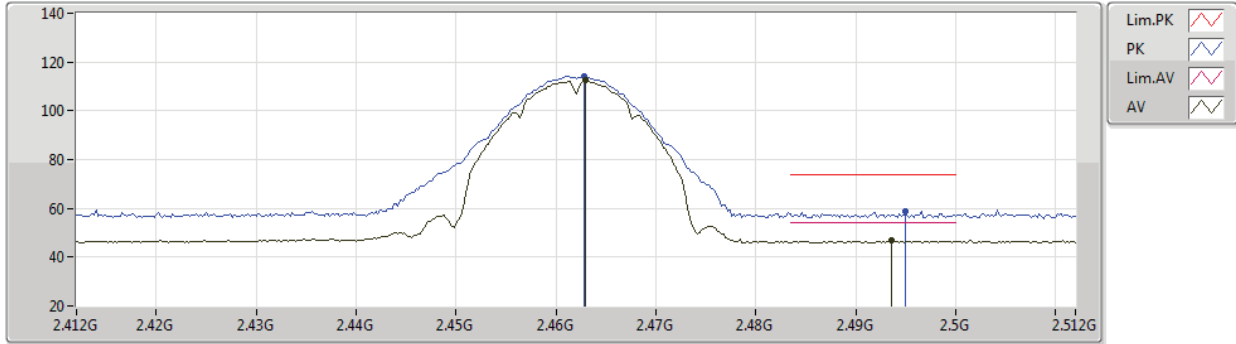
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4612G | 114.74 | Inf | -Inf | 32.73 | 3 | Vertical | 86 | 2.39 | - | 82.01 | 27.54 | 5.19 | - |
| AV | 2.4878G | 46.67 | 54.00 | -7.33 | 32.74 | 3 | Vertical | 86 | 2.39 | - | 13.93 | 27.51 | 5.23 | - |
| PK | 2.4624G | 117.53 | Inf | -Inf | 32.73 | 3 | Vertical | 86 | 2.39 | - | 84.80 | 27.54 | 5.19 | - |
| PK | 2.4844G | 57.97 | 74.00 | -16.03 | 32.75 | 3 | Vertical | 86 | 2.39 | - | 25.22 | 27.52 | 5.23 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2462MHz_TX



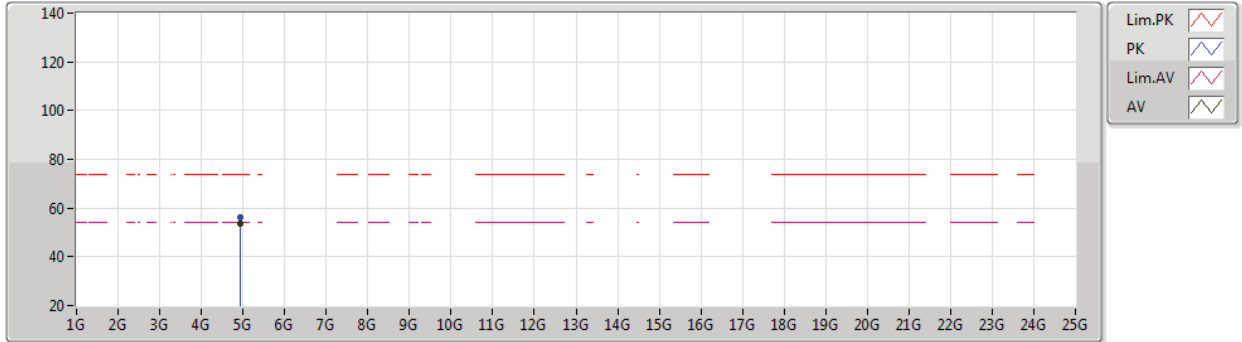
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.463G | 112.43 | Inf | -Inf | 32.73 | 3 | Horizontal | 321 | 1.83 | - | 79.70 | 27.54 | 5.19 | - |
| AV | 2.4936G | 46.66 | 54.00 | -7.34 | 32.75 | 3 | Horizontal | 321 | 1.83 | - | 13.91 | 27.51 | 5.24 | - |
| PK | 2.4628G | 114.12 | Inf | -Inf | 32.73 | 3 | Horizontal | 321 | 1.83 | - | 81.39 | 27.54 | 5.19 | - |
| PK | 2.495G | 58.78 | 74.00 | -15.22 | 32.74 | 3 | Horizontal | 321 | 1.83 | - | 26.04 | 27.50 | 5.24 | - |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2462MHz_TX



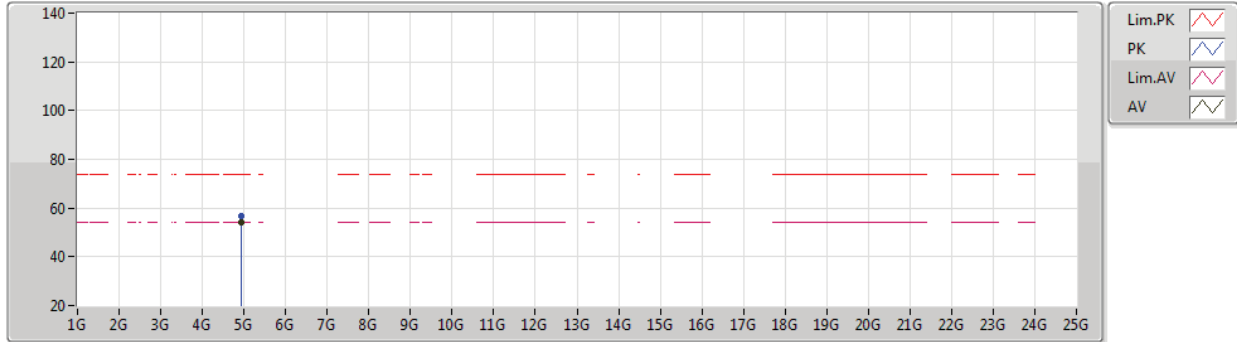
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.92404G | 53.52 | 54.00 | -0.48 | 4.57 | 3 | Vertical | 6 | 1.50 | - | 48.95 | 31.20 | 7.42 | 34.05 |
| PK | 4.92391G | 56.23 | 74.00 | -17.77 | 4.57 | 3 | Vertical | 6 | 1.50 | - | 51.66 | 31.20 | 7.42 | 34.05 |



802.11b_Nss1,(1Mbps)_4TX

12/05/2020

2462MHz_TX



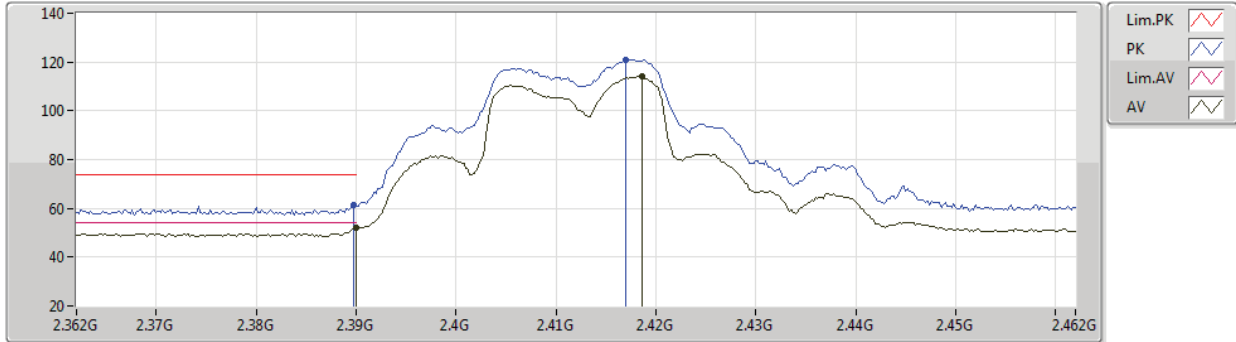
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.924G | 53.90 | 54.00 | -0.10 | 4.57 | 3 | Horizontal | 281 | 1.57 | - | 49.33 | 31.20 | 7.42 | 34.05 |
| PK | 4.92396G | 56.50 | 74.00 | -17.50 | 4.57 | 3 | Horizontal | 281 | 1.57 | - | 51.93 | 31.20 | 7.42 | 34.05 |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2412MHz_TX



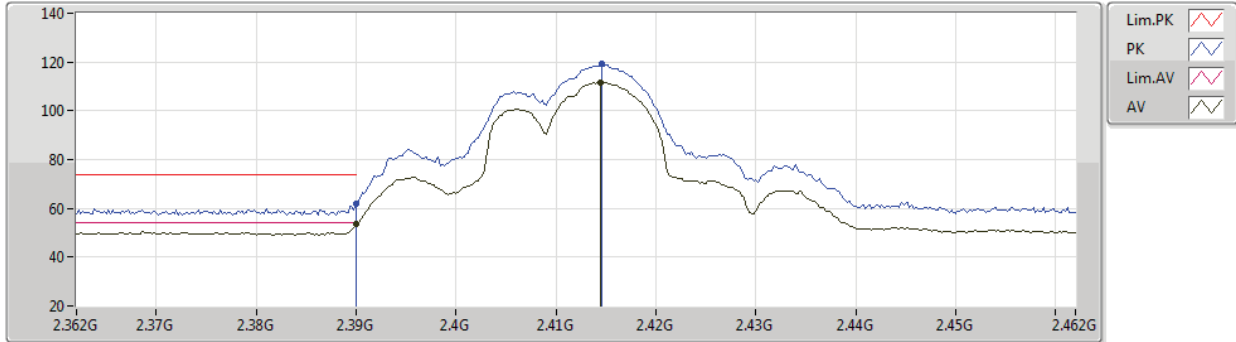
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 51.89 | 54.00 | -2.11 | 34.97 | 3 | Vertical | 33 | 2.03 | - | 16.92 | 27.64 | 7.33 | - |
| AV | 2.4186G | 114.03 | Inf | -Inf | 34.92 | 3 | Vertical | 33 | 2.03 | - | 79.11 | 27.58 | 7.34 | - |
| PK | 2.3898G | 61.16 | 74.00 | -12.84 | 34.97 | 3 | Vertical | 33 | 2.03 | - | 26.19 | 27.64 | 7.33 | - |
| PK | 2.417G | 120.84 | Inf | -Inf | 34.92 | 3 | Vertical | 33 | 2.03 | - | 85.92 | 27.58 | 7.34 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2412MHz_TX



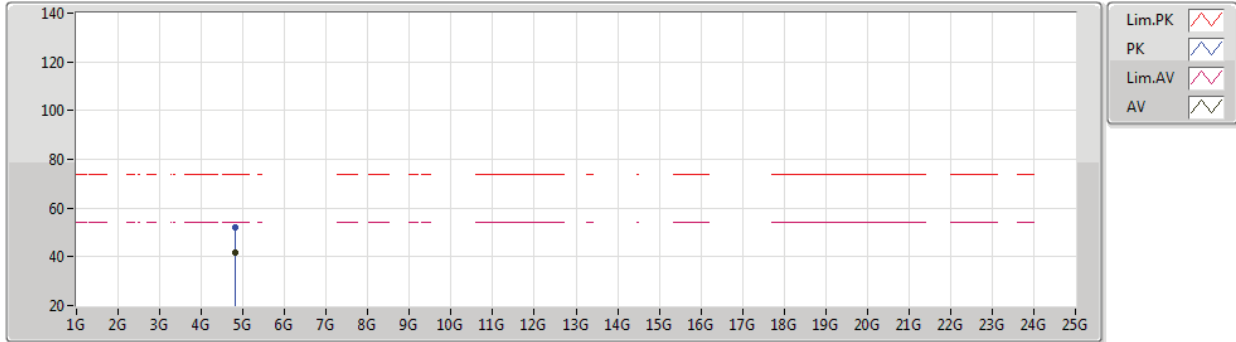
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.60 | 54.00 | -0.40 | 34.97 | 3 | Horizontal | 354 | 1.02 | - | 18.63 | 27.64 | 7.33 | - |
| AV | 2.4144G | 111.43 | Inf | -Inf | 34.93 | 3 | Horizontal | 354 | 1.02 | - | 76.50 | 27.59 | 7.34 | - |
| PK | 2.39G | 61.83 | 74.00 | -12.17 | 34.97 | 3 | Horizontal | 354 | 1.02 | - | 26.86 | 27.64 | 7.33 | - |
| PK | 2.4146G | 119.15 | Inf | -Inf | 34.93 | 3 | Horizontal | 354 | 1.02 | - | 84.22 | 27.59 | 7.34 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2412MHz_TX



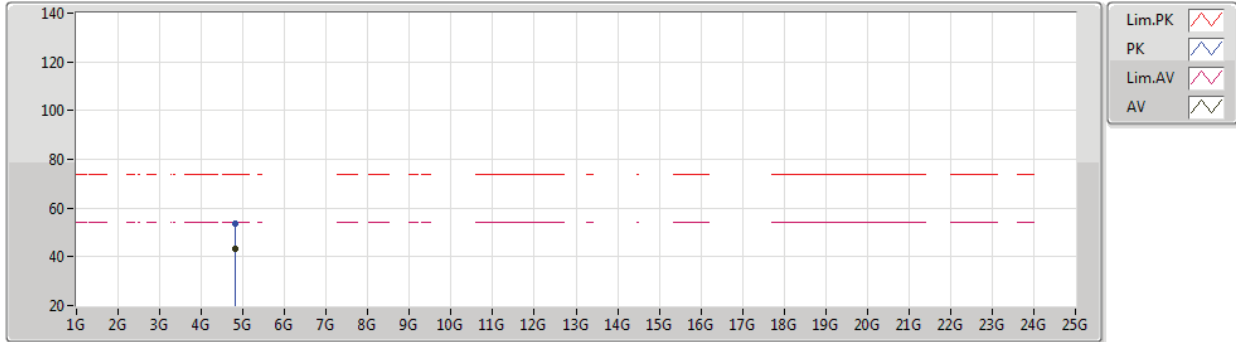
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.82272G | 41.53 | 54.00 | -12.47 | 6.99 | 3 | Vertical | 128 | 1.50 | - | 34.54 | 31.10 | 9.94 | 34.05 |
| PK | 4.82092G | 52.14 | 74.00 | -21.86 | 6.98 | 3 | Vertical | 128 | 1.50 | - | 45.16 | 31.10 | 9.93 | 34.05 |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2412MHz_TX



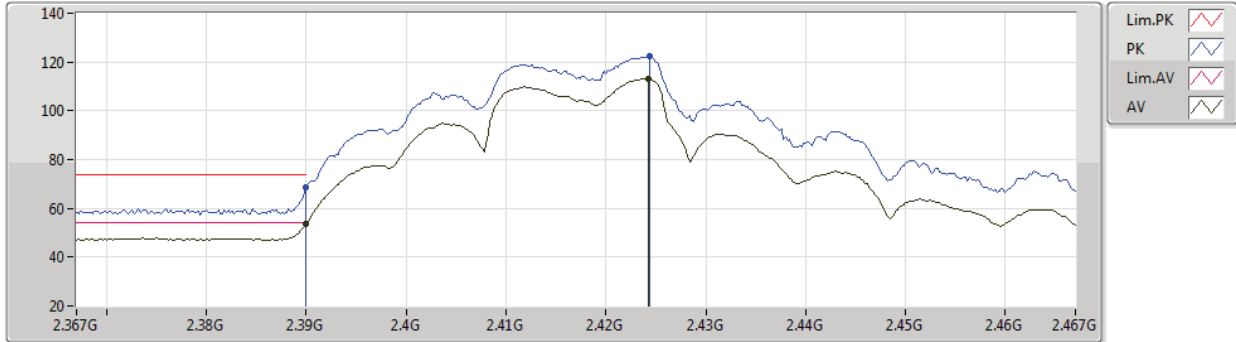
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8237G | 43.09 | 54.00 | -10.91 | 6.99 | 3 | Horizontal | 277 | 1.87 | - | 36.10 | 31.10 | 9.94 | 34.05 |
| PK | 4.82369G | 53.81 | 74.00 | -20.19 | 6.99 | 3 | Horizontal | 277 | 1.87 | - | 46.82 | 31.10 | 9.94 | 34.05 |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2417MHz_TX



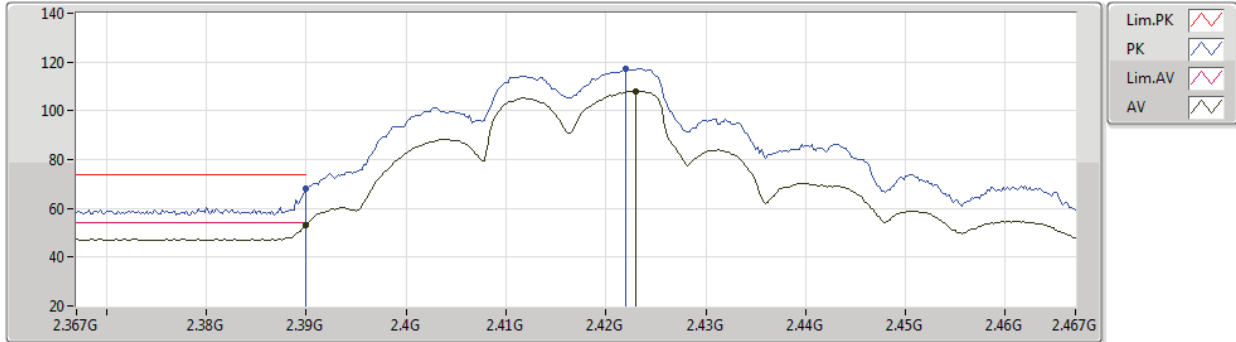
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.72 | 54.00 | -0.28 | 34.97 | 3 | Vertical | 26 | 1.50 | - | 18.75 | 27.64 | 7.33 | - |
| AV | 2.4242G | 113.14 | Inf | -Inf | 34.92 | 3 | Vertical | 26 | 1.50 | - | 78.22 | 27.58 | 7.34 | - |
| PK | 2.39G | 68.59 | 74.00 | -5.41 | 34.97 | 3 | Vertical | 26 | 1.50 | - | 33.62 | 27.64 | 7.33 | - |
| PK | 2.4244G | 122.49 | Inf | -Inf | 34.92 | 3 | Vertical | 26 | 1.50 | - | 87.57 | 27.58 | 7.34 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2417MHz_TX



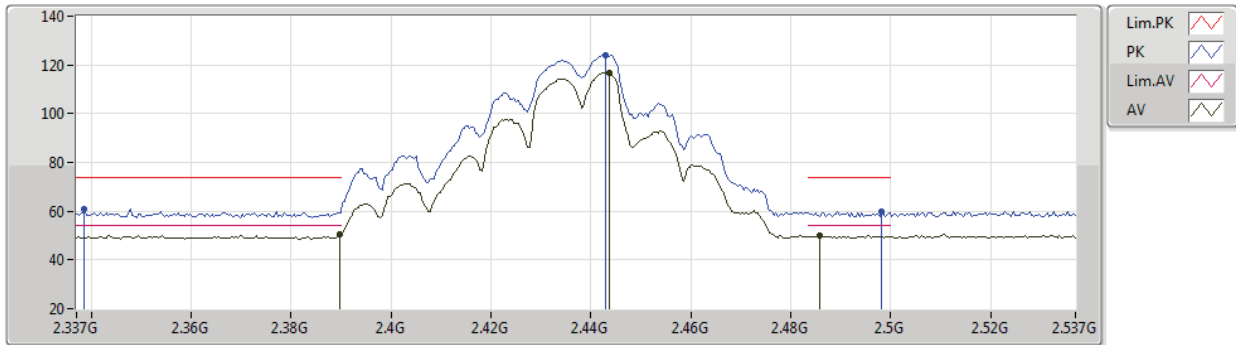
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.00 | 54.00 | -1.00 | 34.97 | 3 | Horizontal | 203 | 1.50 | - | 18.03 | 27.64 | 7.33 | - |
| AV | 2.423G | 108.00 | Inf | -Inf | 34.92 | 3 | Horizontal | 203 | 1.50 | - | 73.08 | 27.58 | 7.34 | - |
| PK | 2.39G | 68.23 | 74.00 | -5.77 | 34.97 | 3 | Horizontal | 203 | 1.50 | - | 33.26 | 27.64 | 7.33 | - |
| PK | 2.422G | 117.22 | Inf | -Inf | 34.92 | 3 | Horizontal | 203 | 1.50 | - | 82.30 | 27.58 | 7.34 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2437MHz_TX



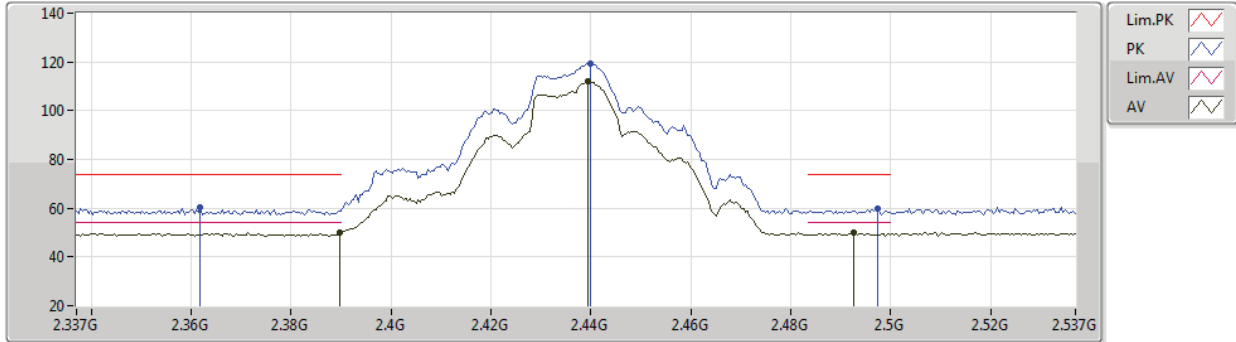
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 50.45 | 54.00 | -3.55 | 34.97 | 3 | Vertical | 74 | 2.25 | - | 15.48 | 27.64 | 7.33 | - |
| AV | 2.4438G | 116.59 | Inf | -Inf | 34.91 | 3 | Vertical | 74 | 2.25 | - | 81.68 | 27.56 | 7.35 | - |
| AV | 2.4858G | 49.86 | 54.00 | -4.14 | 34.88 | 3 | Vertical | 74 | 2.25 | - | 14.98 | 27.51 | 7.37 | - |
| PK | 2.3386G | 60.92 | 74.00 | -13.08 | 35.19 | 3 | Vertical | 74 | 2.25 | - | 25.73 | 27.85 | 7.34 | - |
| PK | 2.443G | 124.11 | Inf | -Inf | 34.91 | 3 | Vertical | 74 | 2.25 | - | 89.20 | 27.56 | 7.35 | - |
| PK | 2.4982G | 59.80 | 74.00 | -14.20 | 34.87 | 3 | Vertical | 74 | 2.25 | - | 24.93 | 27.50 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2437MHz_TX



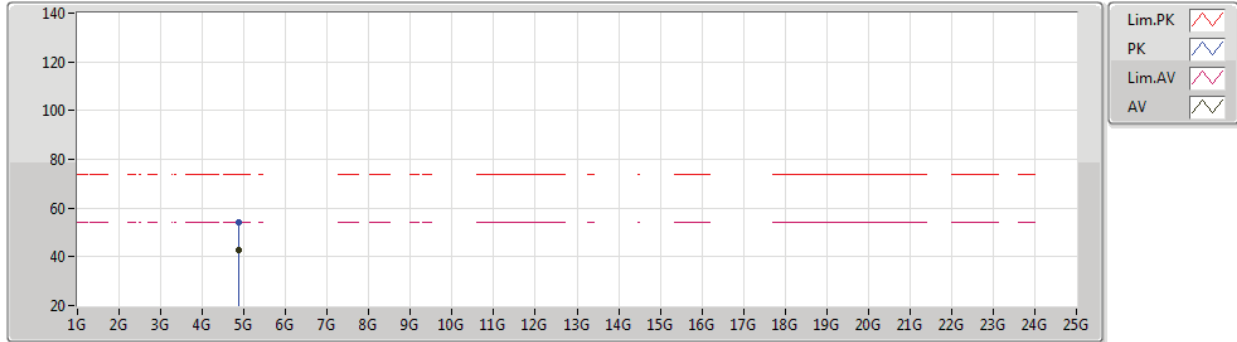
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 49.91 | 54.00 | -4.09 | 34.97 | 3 | Horizontal | 141 | 2.14 | - | 14.94 | 27.64 | 7.33 | - |
| AV | 2.4394G | 111.92 | Inf | -Inf | 34.91 | 3 | Horizontal | 141 | 2.14 | - | 77.01 | 27.56 | 7.35 | - |
| AV | 2.4926G | 50.06 | 54.00 | -3.94 | 34.88 | 3 | Horizontal | 141 | 2.14 | - | 15.18 | 27.51 | 7.37 | - |
| PK | 2.3618G | 60.32 | 74.00 | -13.68 | 35.09 | 3 | Horizontal | 141 | 2.14 | - | 25.23 | 27.75 | 7.34 | - |
| PK | 2.4398G | 119.42 | Inf | -Inf | 34.91 | 3 | Horizontal | 141 | 2.14 | - | 84.51 | 27.56 | 7.35 | - |
| PK | 2.4974G | 59.81 | 74.00 | -14.19 | 34.87 | 3 | Horizontal | 141 | 2.14 | - | 24.94 | 27.50 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2437MHz_TX



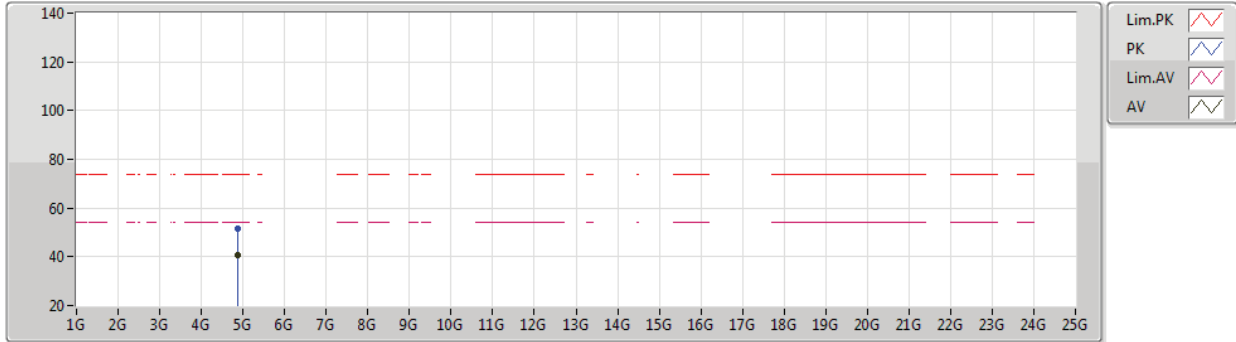
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87778G | 42.84 | 54.00 | -11.16 | 7.03 | 3 | Vertical | 160 | 1.21 | - | 35.81 | 31.10 | 9.98 | 34.05 |
| PK | 4.8786G | 54.19 | 74.00 | -19.81 | 7.03 | 3 | Vertical | 160 | 1.21 | - | 47.16 | 31.10 | 9.98 | 34.05 |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2437MHz_TX



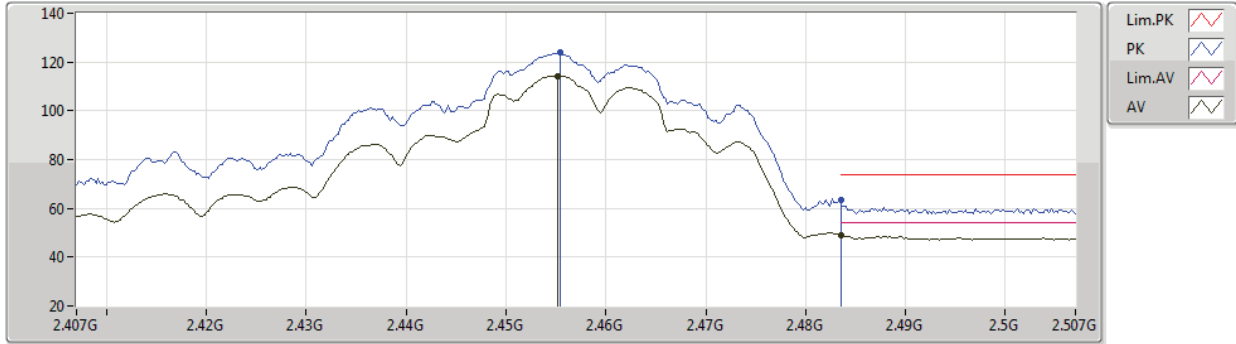
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87604G | 40.64 | 54.00 | -13.36 | 7.03 | 3 | Horizontal | 287 | 1.42 | - | 33.61 | 31.10 | 9.98 | 34.05 |
| PK | 4.87398G | 51.54 | 74.00 | -22.46 | 7.03 | 3 | Horizontal | 287 | 1.42 | - | 44.51 | 31.10 | 9.98 | 34.05 |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2457MHz_TX



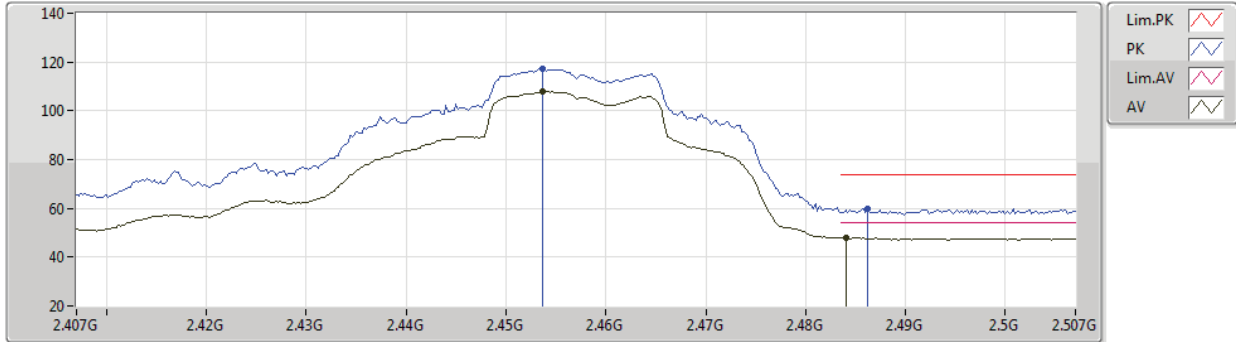
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4552G | 114.15 | Inf | -Inf | 34.90 | 3 | Vertical | 29 | 2.98 | - | 79.25 | 27.54 | 7.36 | - |
| AV | 2.4835G | 49.21 | 54.00 | -4.79 | 34.89 | 3 | Vertical | 29 | 2.98 | - | 14.32 | 27.52 | 7.37 | - |
| PK | 2.4554G | 123.74 | Inf | -Inf | 34.90 | 3 | Vertical | 29 | 2.98 | - | 88.84 | 27.54 | 7.36 | - |
| PK | 2.4835G | 63.22 | 74.00 | -10.78 | 34.89 | 3 | Vertical | 29 | 2.98 | - | 28.33 | 27.52 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2457MHz_TX



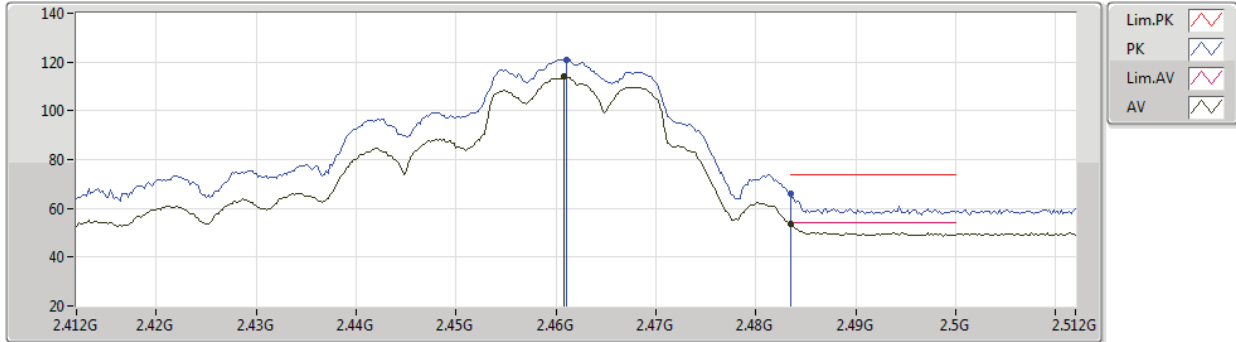
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4536G | 107.77 | Inf | -Inf | 34.90 | 3 | Horizontal | 172 | 1.50 | - | 72.87 | 27.55 | 7.35 | - |
| AV | 2.484G | 48.07 | 54.00 | -5.93 | 34.89 | 3 | Horizontal | 172 | 1.50 | - | 13.18 | 27.52 | 7.37 | - |
| PK | 2.4536G | 117.37 | Inf | -Inf | 34.90 | 3 | Horizontal | 172 | 1.50 | - | 82.47 | 27.55 | 7.35 | - |
| PK | 2.4862G | 59.65 | 74.00 | -14.35 | 34.88 | 3 | Horizontal | 172 | 1.50 | - | 24.77 | 27.51 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2462MHz_TX



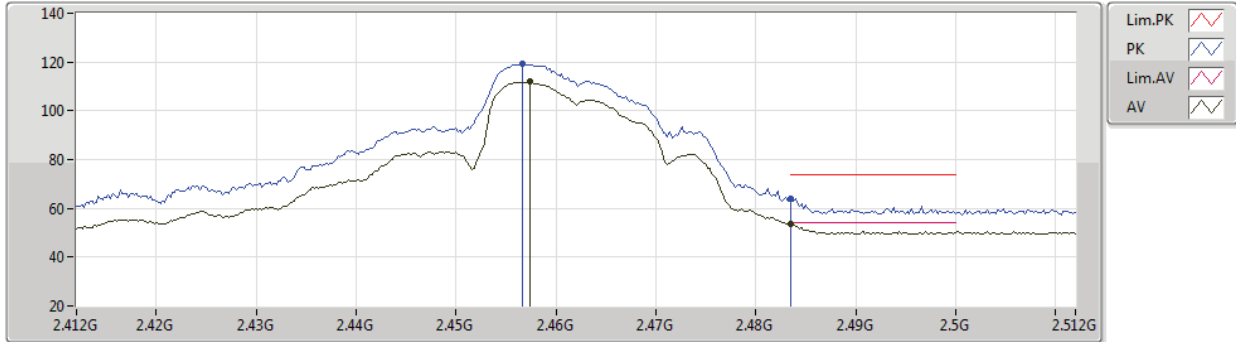
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4608G | 113.88 | Inf | -Inf | 34.90 | 3 | Vertical | 34 | 2.80 | - | 78.98 | 27.54 | 7.36 | - |
| AV | 2.4835G | 53.64 | 54.00 | -0.36 | 34.89 | 3 | Vertical | 34 | 2.73 | - | 18.75 | 27.52 | 7.37 | - |
| PK | 2.461G | 121.11 | Inf | -Inf | 34.90 | 3 | Vertical | 34 | 2.78 | - | 86.21 | 27.54 | 7.36 | - |
| PK | 2.4835G | 66.01 | 74.00 | -7.99 | 34.89 | 3 | Vertical | 34 | 2.57 | - | 31.12 | 27.52 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2462MHz_TX



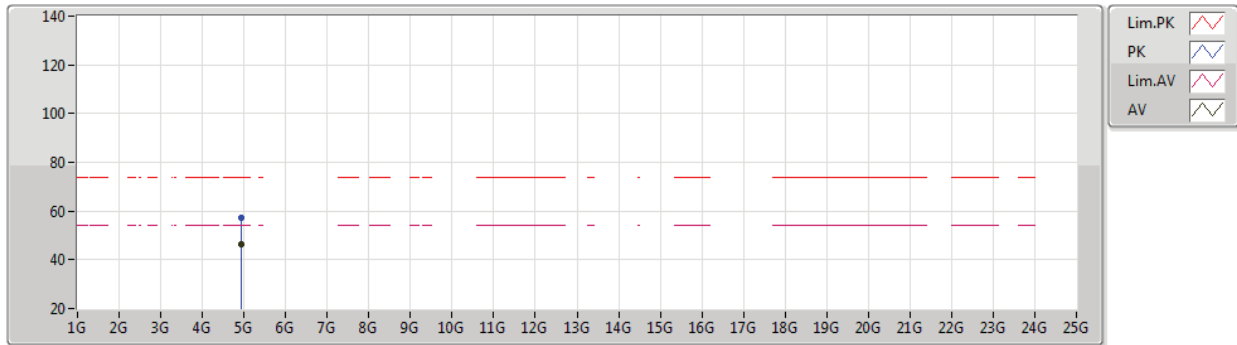
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4574G | 111.91 | Inf | -Inf | 34.90 | 3 | Horizontal | 347 | 2.09 | - | 77.01 | 27.54 | 7.36 | - |
| AV | 2.4835G | 53.72 | 54.00 | -0.28 | 34.89 | 3 | Horizontal | 347 | 2.09 | - | 18.83 | 27.52 | 7.37 | - |
| PK | 2.4566G | 119.13 | Inf | -Inf | 34.90 | 3 | Horizontal | 347 | 2.09 | - | 84.23 | 27.54 | 7.36 | - |
| PK | 2.4835G | 63.79 | 74.00 | -10.21 | 34.89 | 3 | Horizontal | 347 | 2.09 | - | 28.90 | 27.52 | 7.37 | - |



802.11g_Nss1,(6Mbps)_4TX

10/01/2020

2462MHz_TX



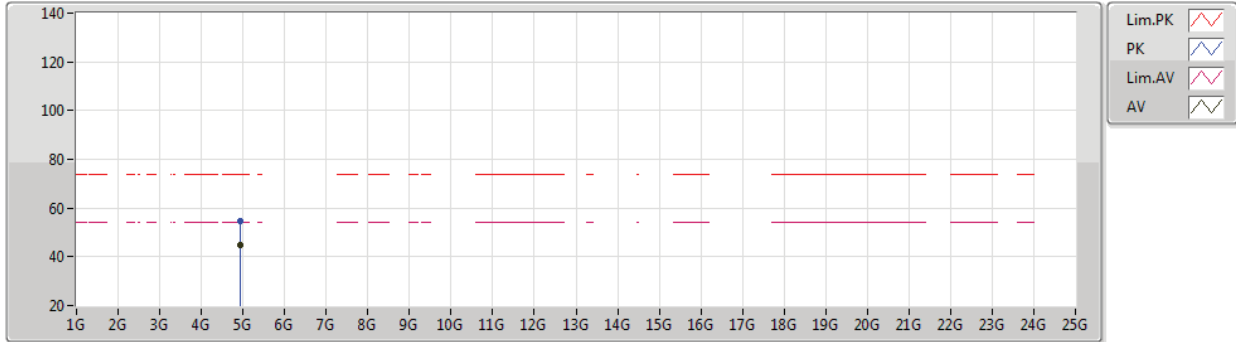
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9269G | 46.57 | 54.00 | -7.43 | 7.18 | 3 | Vertical | 151 | 1.50 | - | 39.39 | 31.21 | 10.02 | 34.05 |
| PK | 4.9287G | 57.17 | 74.00 | -16.83 | 7.18 | 3 | Vertical | 151 | 1.50 | - | 49.99 | 31.21 | 10.02 | 34.05 |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9243G | 44.93 | 54.00 | -9.07 | 7.17 | 3 | Horizontal | 326 | 1.50 | - | 37.76 | 31.20 | 10.02 | 34.05 |
| PK | 4.9244G | 54.64 | 74.00 | -19.36 | 7.17 | 3 | Horizontal | 326 | 1.50 | - | 47.47 | 31.20 | 10.02 | 34.05 |

Remark :

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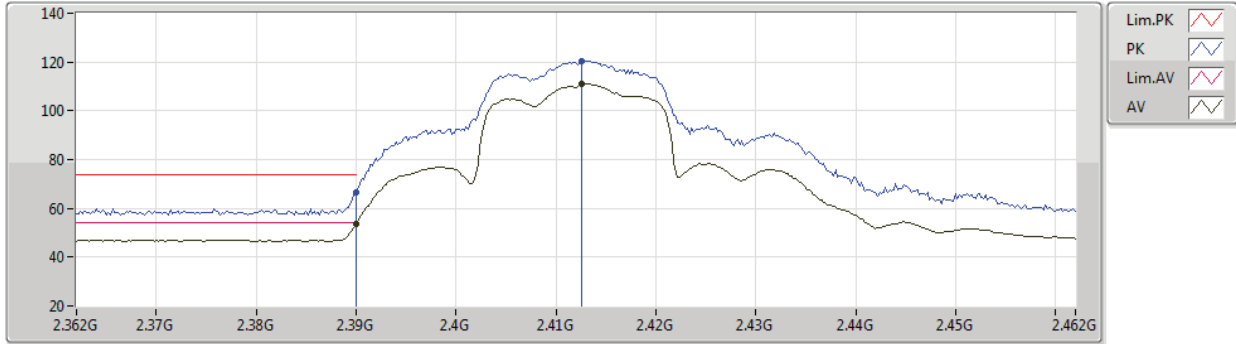
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



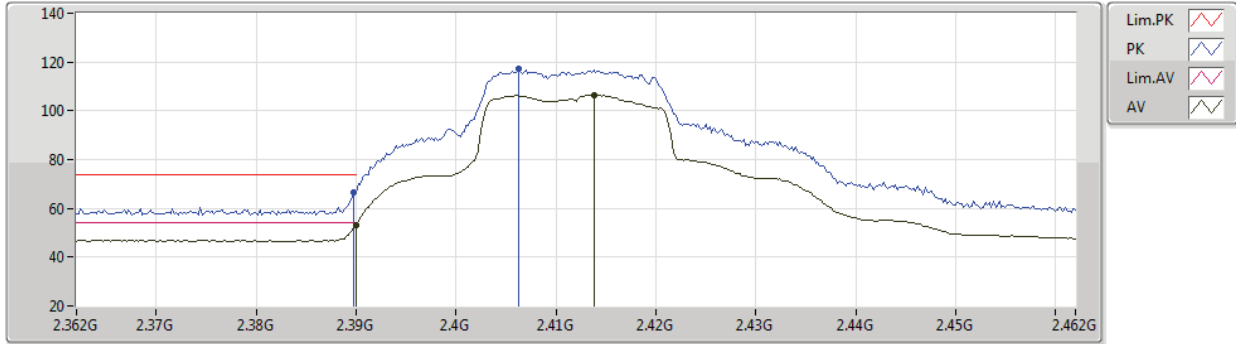
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.57 | 54.00 | -0.43 | 34.97 | 3 | Vertical | 38 | 1.50 | - | 18.60 | 27.64 | 7.33 | - |
| AV | 2.4126G | 111.00 | Inf | -Inf | 34.93 | 3 | Vertical | 38 | 1.50 | - | 76.07 | 27.59 | 7.34 | - |
| PK | 2.39G | 66.74 | 74.00 | -7.26 | 34.97 | 3 | Vertical | 38 | 1.50 | - | 31.77 | 27.64 | 7.33 | - |
| PK | 2.4126G | 120.38 | Inf | -Inf | 34.93 | 3 | Vertical | 38 | 1.50 | - | 85.45 | 27.59 | 7.34 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



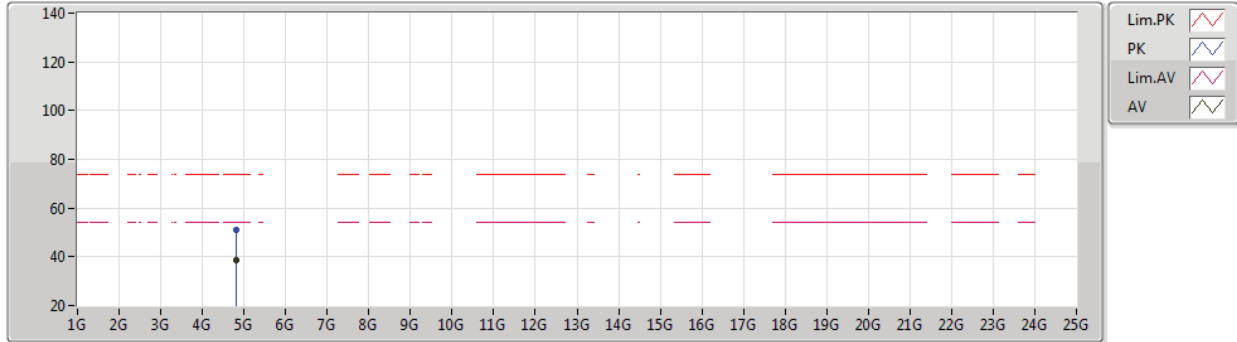
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.34 | 54.00 | -0.66 | 34.97 | 3 | Horizontal | 174 | 1.50 | - | 18.37 | 27.64 | 7.33 | - |
| AV | 2.4138G | 106.44 | Inf | -Inf | 34.93 | 3 | Horizontal | 174 | 1.50 | - | 71.51 | 27.59 | 7.34 | - |
| PK | 2.3898G | 66.67 | 74.00 | -7.33 | 34.97 | 3 | Horizontal | 174 | 1.50 | - | 31.70 | 27.64 | 7.33 | - |
| PK | 2.4062G | 117.04 | Inf | -Inf | 34.93 | 3 | Horizontal | 174 | 1.50 | - | 82.11 | 27.59 | 7.34 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



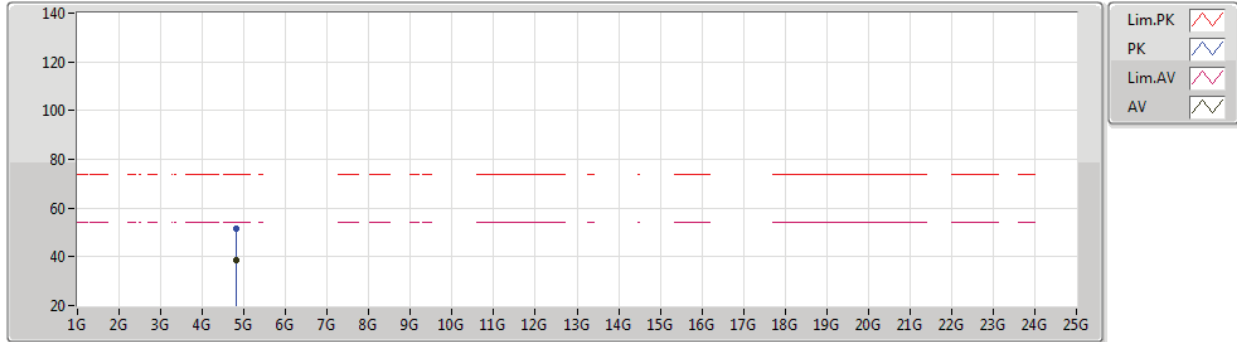
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.82285G | 38.62 | 54.00 | -15.38 | 6.99 | 3 | Vertical | 131 | 2.82 | - | 31.63 | 31.10 | 9.94 | 34.05 |
| PK | 4.82199G | 51.03 | 74.00 | -22.97 | 6.98 | 3 | Vertical | 131 | 2.71 | - | 44.05 | 31.10 | 9.93 | 34.05 |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.81856G | 38.71 | 54.00 | -15.29 | 6.98 | 3 | Horizontal | 267 | 1.50 | - | 31.73 | 31.10 | 9.93 | 34.05 |
| PK | 4.8268G | 51.56 | 74.00 | -22.44 | 6.99 | 3 | Horizontal | 267 | 1.50 | - | 44.57 | 31.10 | 9.94 | 34.05 |

Remark :

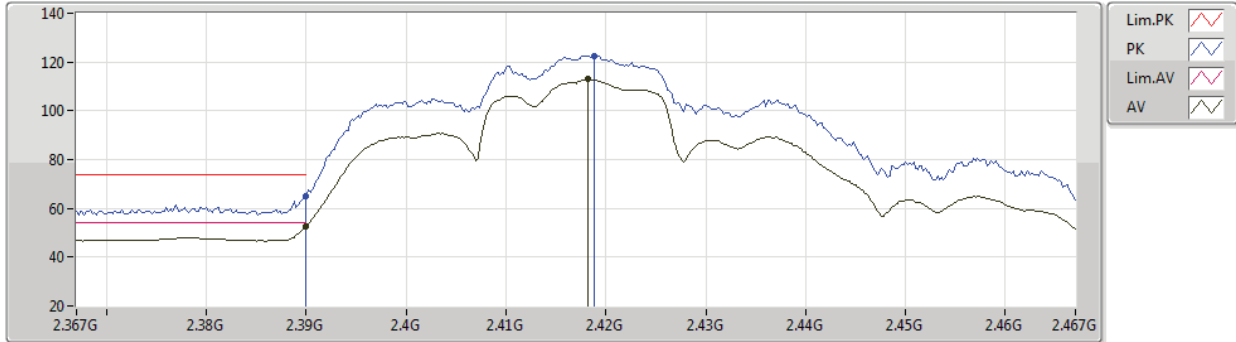
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2417MHz_TX



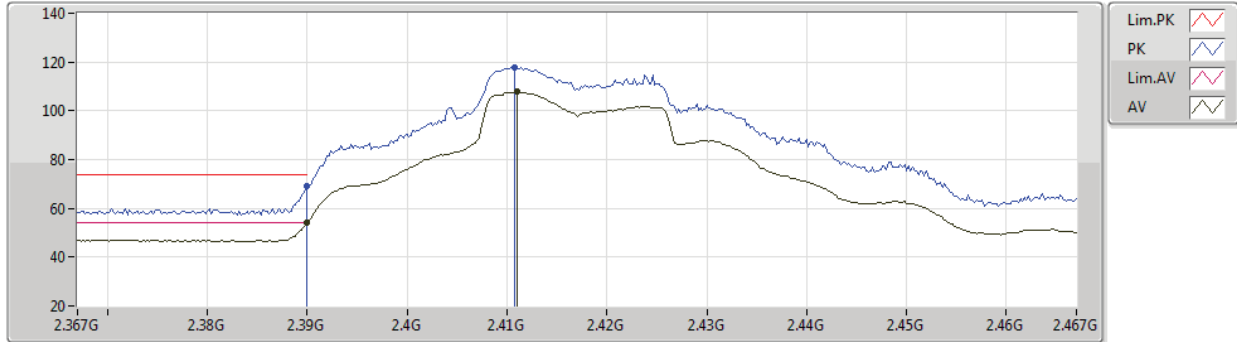
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 52.63 | 54.00 | -1.37 | 34.97 | 3 | Vertical | 36 | 1.50 | - | 17.66 | 27.64 | 7.33 | - |
| AV | 2.4182G | 113.03 | Inf | -Inf | 34.92 | 3 | Vertical | 36 | 1.50 | - | 78.11 | 27.58 | 7.34 | - |
| PK | 2.39G | 64.86 | 74.00 | -9.14 | 34.97 | 3 | Vertical | 36 | 1.50 | - | 29.89 | 27.64 | 7.33 | - |
| PK | 2.4182G | 122.66 | Inf | -Inf | 34.92 | 3 | Vertical | 36 | 1.50 | - | 87.74 | 27.58 | 7.34 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2417MHz_TX



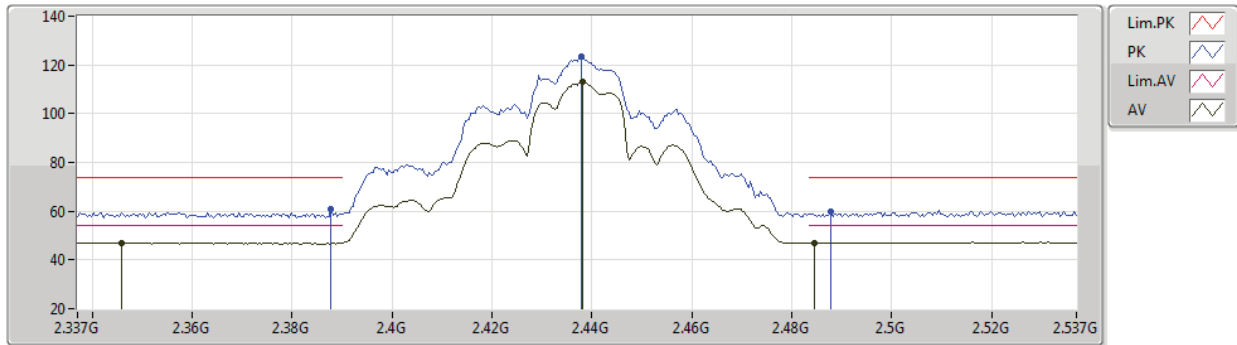
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.90 | 54.00 | -0.10 | 34.97 | 3 | Horizontal | 184 | 1.50 | - | 18.93 | 27.64 | 7.33 | - |
| AV | 2.411G | 107.77 | Inf | -Inf | 34.93 | 3 | Horizontal | 184 | 1.50 | - | 72.84 | 27.59 | 7.34 | - |
| PK | 2.39G | 68.93 | 74.00 | -5.07 | 34.97 | 3 | Horizontal | 184 | 1.50 | - | 33.96 | 27.64 | 7.33 | - |
| PK | 2.4108G | 117.82 | Inf | -Inf | 34.93 | 3 | Horizontal | 184 | 1.50 | - | 82.89 | 27.59 | 7.34 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



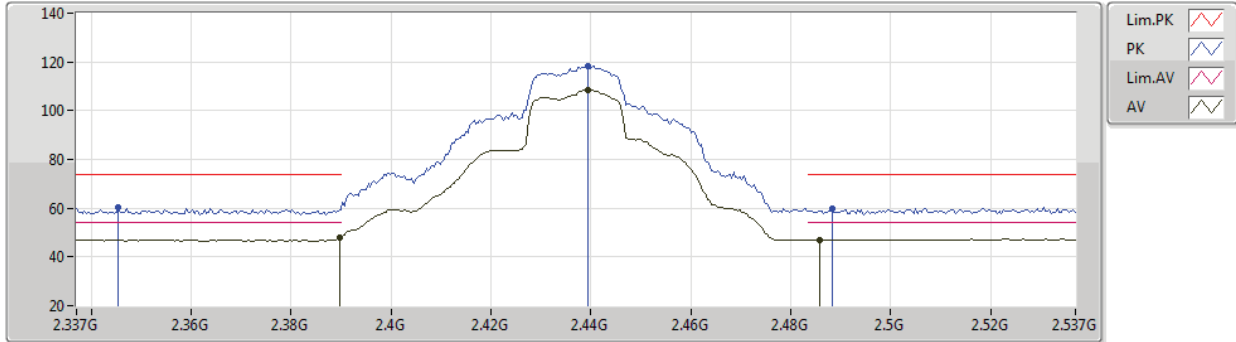
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3458G | 47.04 | 54.00 | -6.96 | 35.16 | 3 | Vertical | 34 | 1.65 | - | 11.88 | 27.82 | 7.34 | - |
| AV | 2.4382G | 112.92 | Inf | -Inf | 34.91 | 3 | Vertical | 34 | 1.65 | - | 78.01 | 27.56 | 7.35 | - |
| AV | 2.4846G | 47.02 | 54.00 | -6.98 | 34.89 | 3 | Vertical | 34 | 1.65 | - | 12.13 | 27.52 | 7.37 | - |
| PK | 2.3878G | 60.83 | 74.00 | -13.17 | 34.98 | 3 | Vertical | 34 | 1.65 | - | 25.85 | 27.65 | 7.33 | - |
| PK | 2.4378G | 123.22 | Inf | -Inf | 34.91 | 3 | Vertical | 34 | 1.65 | - | 88.31 | 27.56 | 7.35 | - |
| PK | 2.4878G | 60.02 | 74.00 | -13.98 | 34.88 | 3 | Vertical | 34 | 1.65 | - | 25.14 | 27.51 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



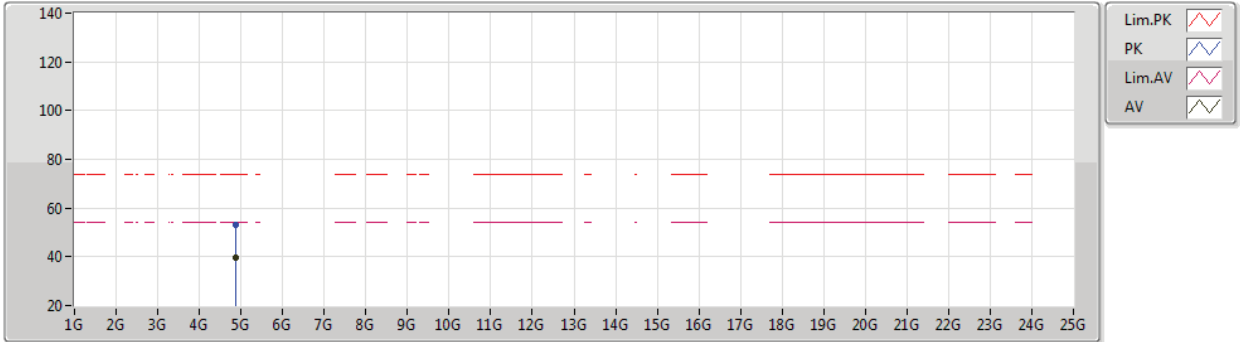
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 48.13 | 54.00 | -5.87 | 34.97 | 3 | Horizontal | 171 | 1.50 | - | 13.16 | 27.64 | 7.33 | - |
| AV | 2.4394G | 108.40 | Inf | -Inf | 34.91 | 3 | Horizontal | 171 | 1.50 | - | 73.49 | 27.56 | 7.35 | - |
| AV | 2.4858G | 47.07 | 54.00 | -6.93 | 34.88 | 3 | Horizontal | 171 | 1.50 | - | 12.19 | 27.51 | 7.37 | - |
| PK | 2.3454G | 60.39 | 74.00 | -13.61 | 35.16 | 3 | Horizontal | 171 | 1.50 | - | 25.23 | 27.82 | 7.34 | - |
| PK | 2.4394G | 118.32 | Inf | -Inf | 34.91 | 3 | Horizontal | 171 | 1.50 | - | 83.41 | 27.56 | 7.35 | - |
| PK | 2.4882G | 59.71 | 74.00 | -14.29 | 34.88 | 3 | Horizontal | 171 | 1.50 | - | 24.83 | 27.51 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

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2437MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.868G | 39.47 | 54.00 | -14.53 | 7.02 | 3 | Vertical | 145 | 1.50 | - | 32.45 | 31.10 | 9.97 | 34.05 |
| PK | 4.8848G | 52.95 | 74.00 | -21.05 | 7.04 | 3 | Vertical | 145 | 1.50 | - | 45.91 | 31.10 | 9.99 | 34.05 |

Remark :

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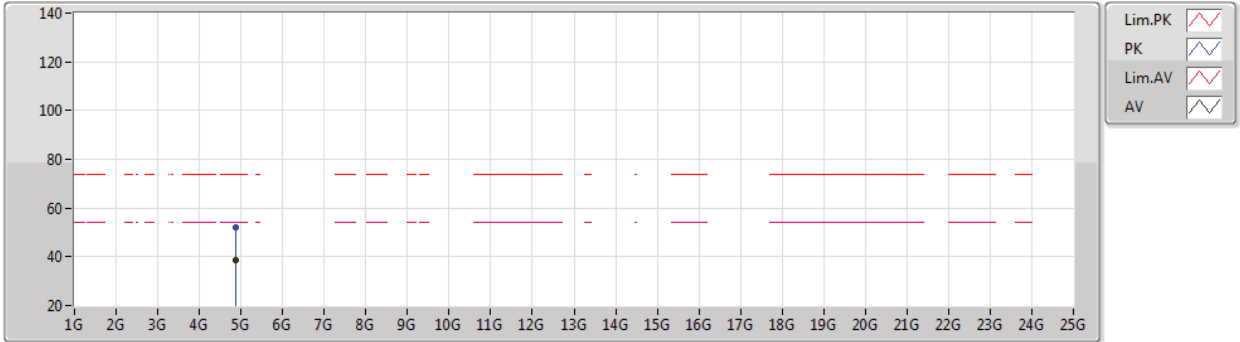
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



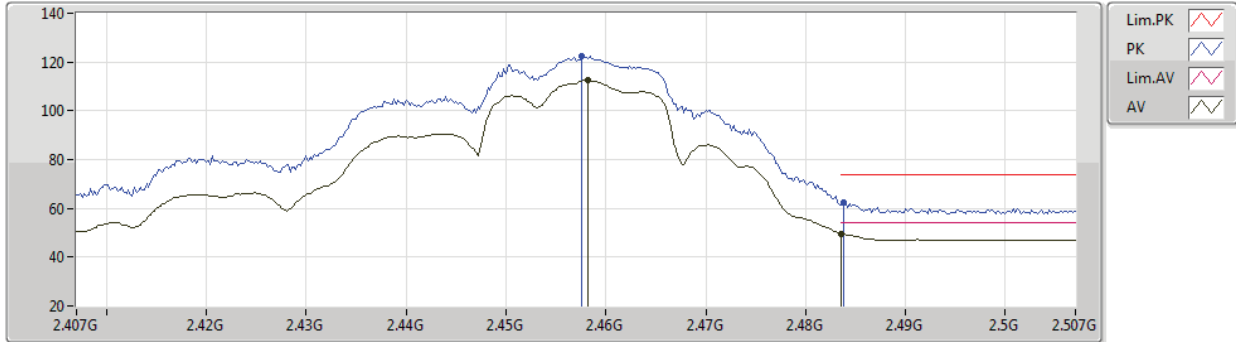
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.88126G | 38.73 | 54.00 | -15.27 | 7.03 | 3 | Horizontal | 345 | 2.47 | - | 31.70 | 31.10 | 9.98 | 34.05 |
| PK | 4.88204G | 52.03 | 74.00 | -21.97 | 7.03 | 3 | Horizontal | 345 | 2.47 | - | 45.00 | 31.10 | 9.98 | 34.05 |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2457MHz_TX



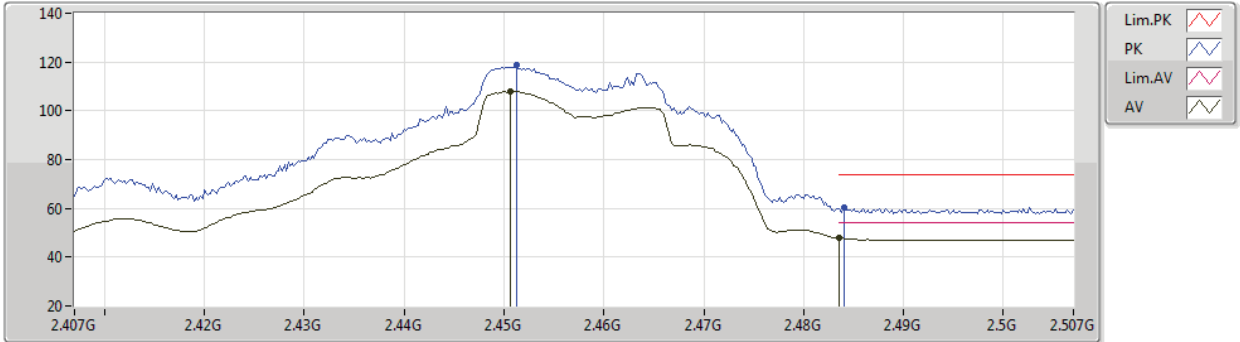
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4582G | 112.52 | Inf | -Inf | 34.90 | 3 | Vertical | 35 | 1.51 | - | 77.62 | 27.54 | 7.36 | - |
| AV | 2.4835G | 49.71 | 54.00 | -4.29 | 34.89 | 3 | Vertical | 35 | 1.51 | - | 14.82 | 27.52 | 7.37 | - |
| PK | 2.4576G | 122.43 | Inf | -Inf | 34.90 | 3 | Vertical | 35 | 1.51 | - | 87.53 | 27.54 | 7.36 | - |
| PK | 2.4838G | 62.65 | 74.00 | -11.35 | 34.89 | 3 | Vertical | 35 | 1.51 | - | 27.76 | 27.52 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2457MHz_TX



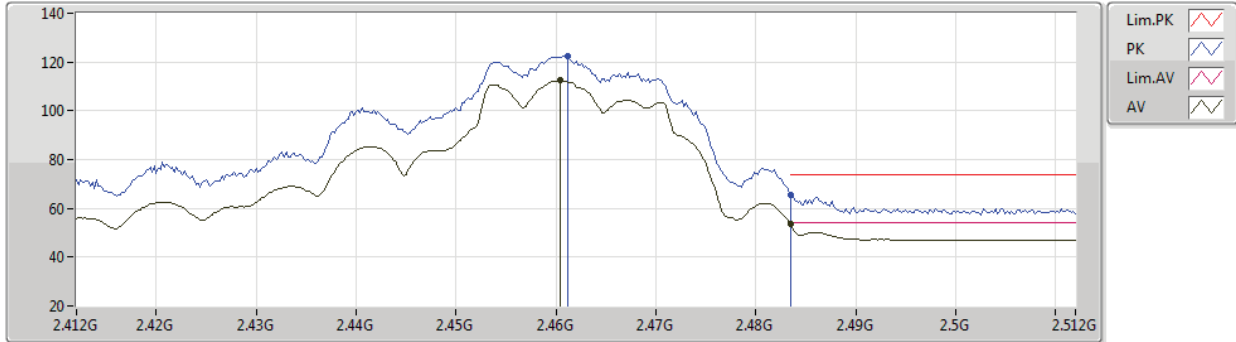
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4506G | 107.86 | Inf | -Inf | 34.90 | 3 | Horizontal | 188 | 1.50 | - | 72.96 | 27.55 | 7.35 | - |
| AV | 2.4836G | 47.82 | 54.00 | -6.18 | 34.89 | 3 | Horizontal | 188 | 1.50 | - | 12.93 | 27.52 | 7.37 | - |
| PK | 2.4512G | 118.73 | Inf | -Inf | 34.90 | 3 | Horizontal | 188 | 1.50 | - | 83.83 | 27.55 | 7.35 | - |
| PK | 2.484G | 60.49 | 74.00 | -13.51 | 34.89 | 3 | Horizontal | 188 | 1.50 | - | 25.60 | 27.52 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2462MHz_TX



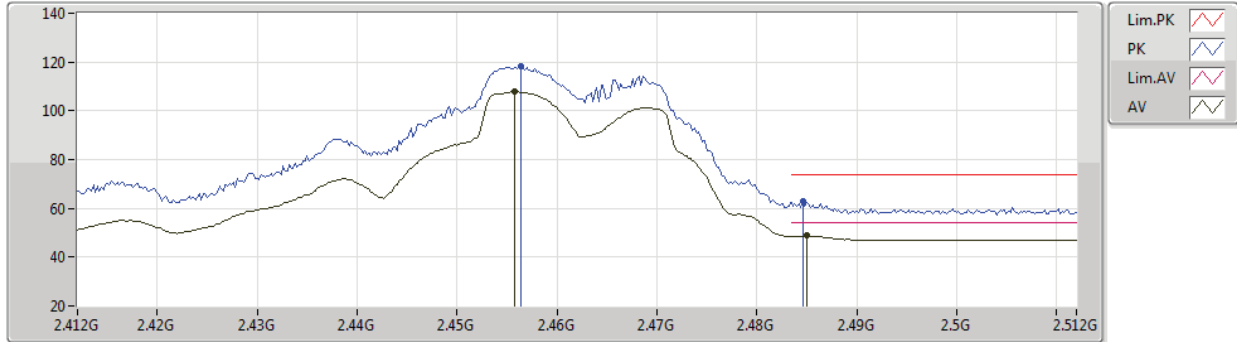
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4604G | 112.54 | Inf | -Inf | 34.90 | 3 | Vertical | 32 | 2.98 | - | 77.64 | 27.54 | 7.36 | - |
| AV | 2.4835G | 53.80 | 54.00 | -0.20 | 34.89 | 3 | Vertical | 32 | 2.98 | - | 18.91 | 27.52 | 7.37 | - |
| PK | 2.4612G | 122.32 | Inf | -Inf | 34.90 | 3 | Vertical | 32 | 2.98 | - | 87.42 | 27.54 | 7.36 | - |
| PK | 2.4835G | 65.37 | 74.00 | -8.63 | 34.89 | 3 | Vertical | 32 | 2.98 | - | 30.48 | 27.52 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2462MHz_TX



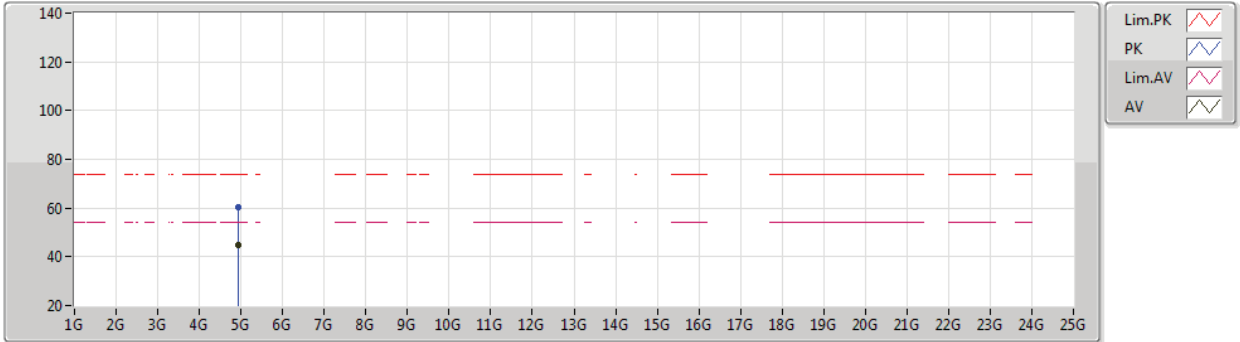
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4558G | 107.75 | Inf | -Inf | 34.90 | 3 | Horizontal | 201 | 1.50 | - | 72.85 | 27.54 | 7.36 | - |
| AV | 2.485G | 48.88 | 54.00 | -5.12 | 34.89 | 3 | Horizontal | 201 | 1.50 | - | 13.99 | 27.52 | 7.37 | - |
| PK | 2.4564G | 118.08 | Inf | -Inf | 34.90 | 3 | Horizontal | 201 | 1.50 | - | 83.18 | 27.54 | 7.36 | - |
| PK | 2.4846G | 62.97 | 74.00 | -11.03 | 34.89 | 3 | Horizontal | 201 | 1.50 | - | 28.08 | 27.52 | 7.37 | - |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2462MHz_TX



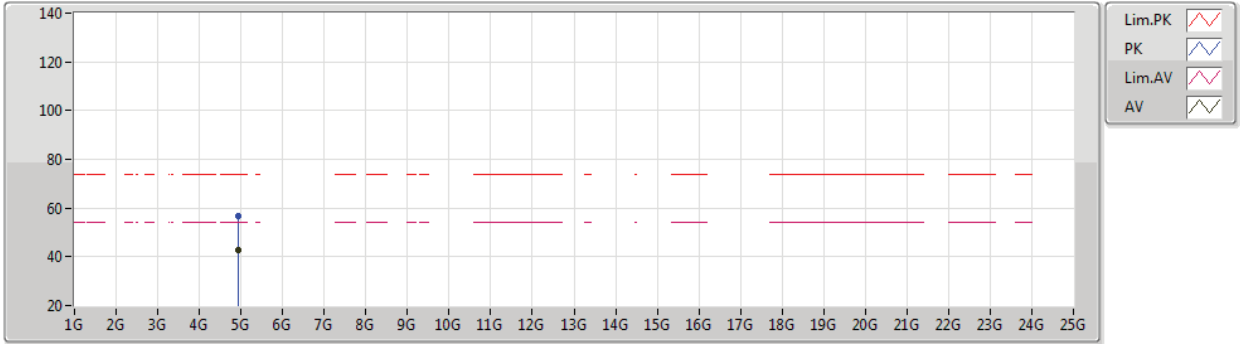
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.93678G | 44.94 | 54.00 | -9.06 | 7.23 | 3 | Vertical | 132 | 1.50 | - | 37.71 | 31.25 | 10.03 | 34.05 |
| PK | 4.93666G | 60.16 | 74.00 | -13.84 | 7.23 | 3 | Vertical | 132 | 1.50 | - | 52.93 | 31.25 | 10.03 | 34.05 |



VHT20_Nss1,(MCS0)_4TX

10/01/2020

2462MHz_TX



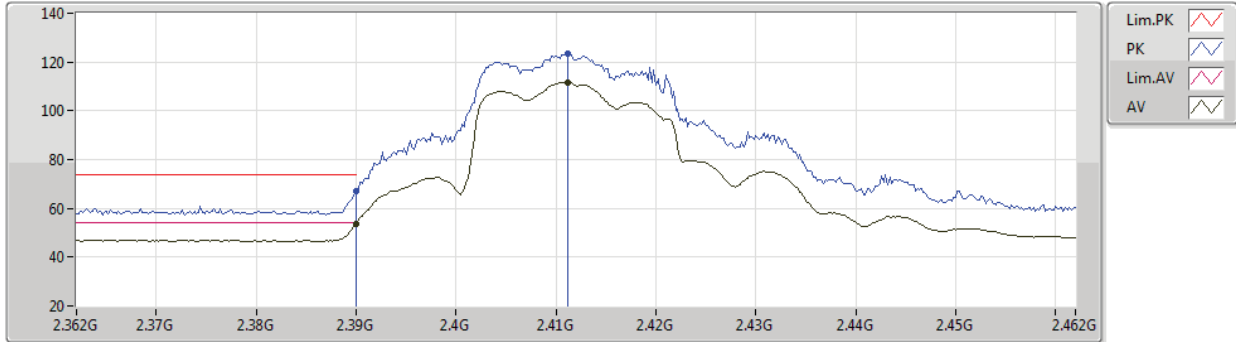
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.93168G | 42.99 | 54.00 | -11.01 | 7.20 | 3 | Horizontal | 297 | 1.50 | - | 35.79 | 31.23 | 10.02 | 34.05 |
| PK | 4.93252G | 56.53 | 74.00 | -17.47 | 7.20 | 3 | Horizontal | 297 | 1.50 | - | 49.33 | 31.23 | 10.02 | 34.05 |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



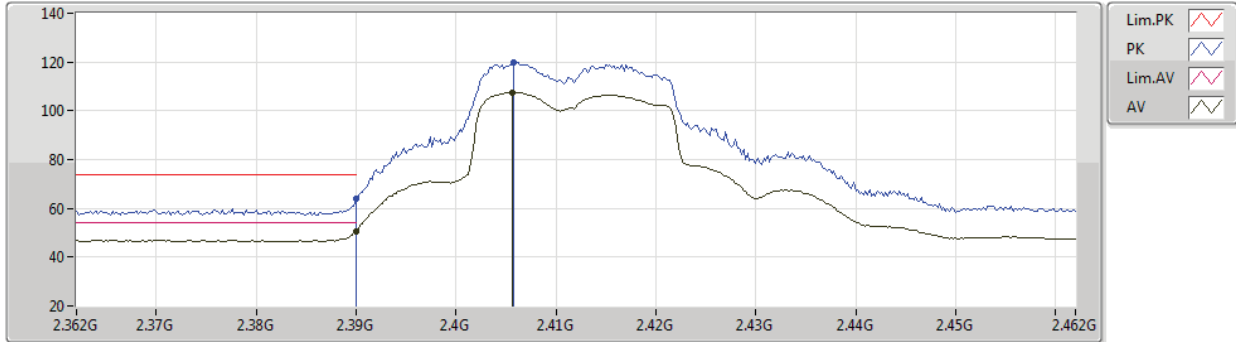
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.68 | 54.00 | -0.32 | 34.97 | 3 | Vertical | 45 | 2.11 | - | 18.71 | 27.64 | 7.33 | - |
| AV | 2.4112G | 111.80 | Inf | -Inf | 34.93 | 3 | Vertical | 45 | 2.11 | - | 76.87 | 27.59 | 7.34 | - |
| PK | 2.39G | 66.86 | 74.00 | -7.14 | 34.97 | 3 | Vertical | 45 | 2.11 | - | 31.89 | 27.64 | 7.33 | - |
| PK | 2.4112G | 123.58 | Inf | -Inf | 34.93 | 3 | Vertical | 45 | 2.11 | - | 88.65 | 27.59 | 7.34 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



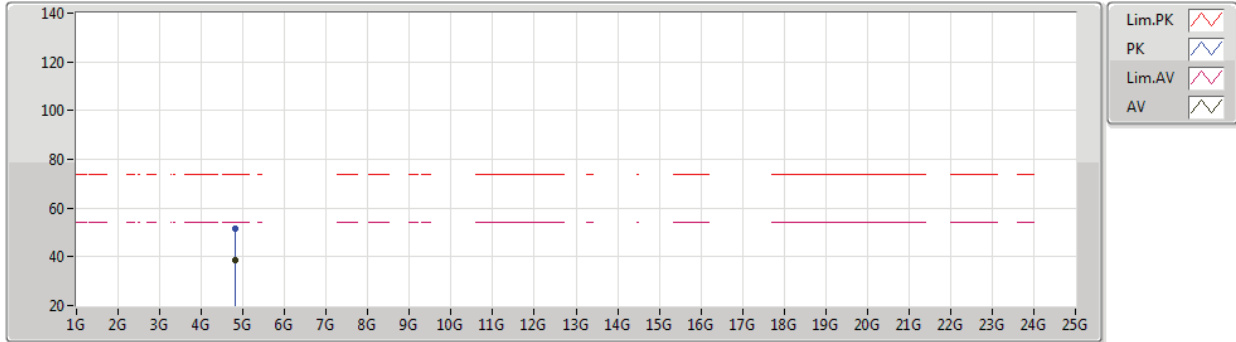
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 50.74 | 54.00 | -3.26 | 34.97 | 3 | Horizontal | 169 | 1.32 | - | 15.77 | 27.64 | 7.33 | - |
| AV | 2.4056G | 107.31 | Inf | -Inf | 34.93 | 3 | Horizontal | 169 | 1.32 | - | 72.38 | 27.59 | 7.34 | - |
| PK | 2.39G | 63.81 | 74.00 | -10.19 | 34.97 | 3 | Horizontal | 169 | 1.32 | - | 28.84 | 27.64 | 7.33 | - |
| PK | 2.4058G | 119.79 | Inf | -Inf | 34.93 | 3 | Horizontal | 169 | 1.32 | - | 84.86 | 27.59 | 7.34 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX



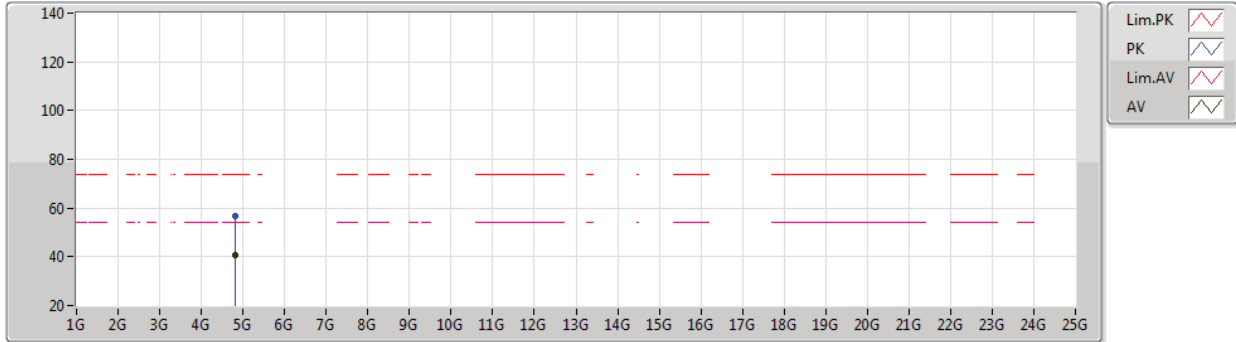
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.82364G | 38.57 | 54.00 | -15.43 | 6.99 | 3 | Vertical | 127 | 2.91 | - | 31.58 | 31.10 | 9.94 | 34.05 |
| PK | 4.82342G | 51.31 | 74.00 | -22.69 | 6.99 | 3 | Vertical | 127 | 2.91 | - | 44.32 | 31.10 | 9.94 | 34.05 |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2412MHz_TX

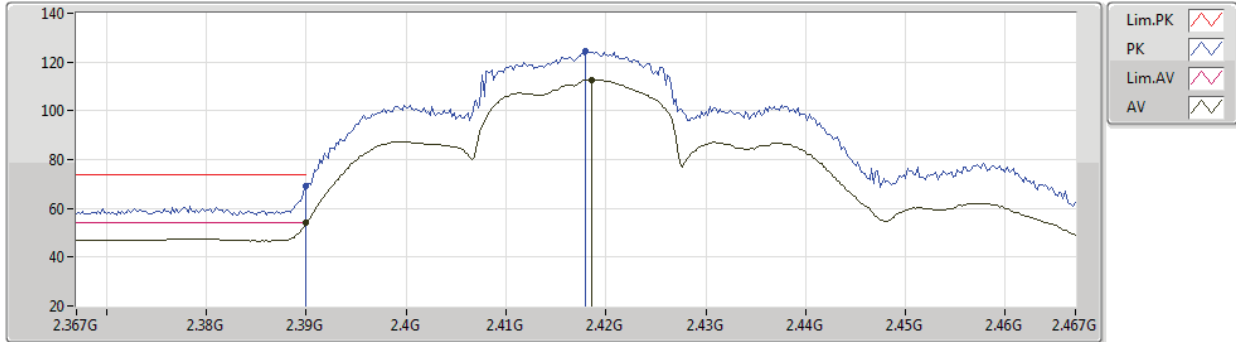


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.81828G | 40.65 | 54.00 | -13.35 | 6.98 | 3 | Horizontal | 265 | 1.48 | - | 33.67 | 31.10 | 9.93 | 34.05 |
| PK | 4.81812G | 56.47 | 74.00 | -17.53 | 6.98 | 3 | Horizontal | 265 | 1.48 | - | 49.49 | 31.10 | 9.93 | 34.05 |



802.11ax HEW20_Nss1,(MCS0)_4TX
2417MHz_TX

10/01/2020



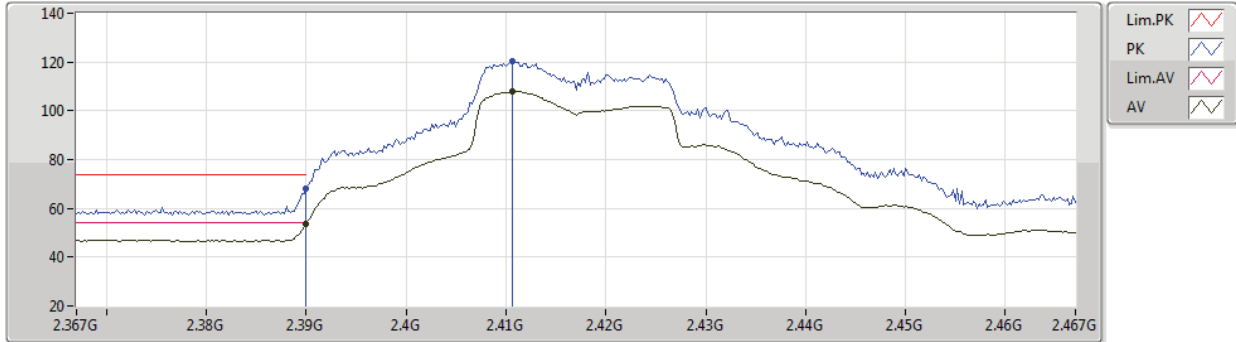
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.88 | 54.00 | -0.12 | 34.97 | 3 | Vertical | 50 | 1.00 | - | 18.91 | 27.64 | 7.33 | - |
| AV | 2.4186G | 112.82 | Inf | -Inf | 34.92 | 3 | Vertical | 50 | 1.00 | - | 77.90 | 27.58 | 7.34 | - |
| PK | 2.39G | 69.06 | 74.00 | -4.94 | 34.97 | 3 | Vertical | 50 | 1.00 | - | 34.09 | 27.64 | 7.33 | - |
| PK | 2.418G | 124.34 | Inf | -Inf | 34.92 | 3 | Vertical | 50 | 1.00 | - | 89.42 | 27.58 | 7.34 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2417MHz_TX



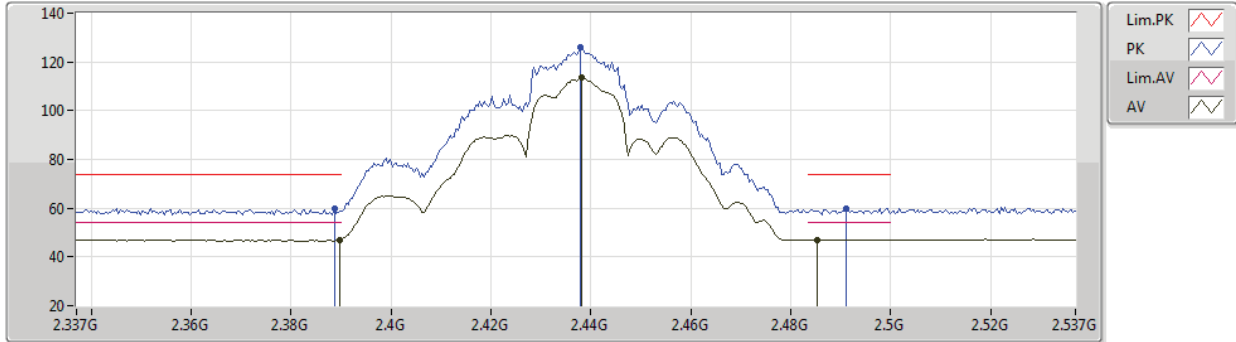
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.62 | 54.00 | -0.38 | 34.97 | 3 | Horizontal | 183 | 1.50 | - | 18.65 | 27.64 | 7.33 | - |
| AV | 2.4106G | 107.89 | Inf | -Inf | 34.93 | 3 | Horizontal | 183 | 1.50 | - | 72.96 | 27.59 | 7.34 | - |
| PK | 2.39G | 68.03 | 74.00 | -5.97 | 34.97 | 3 | Horizontal | 183 | 1.50 | - | 33.06 | 27.64 | 7.33 | - |
| PK | 2.4106G | 120.15 | Inf | -Inf | 34.93 | 3 | Horizontal | 183 | 1.50 | - | 85.22 | 27.59 | 7.34 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



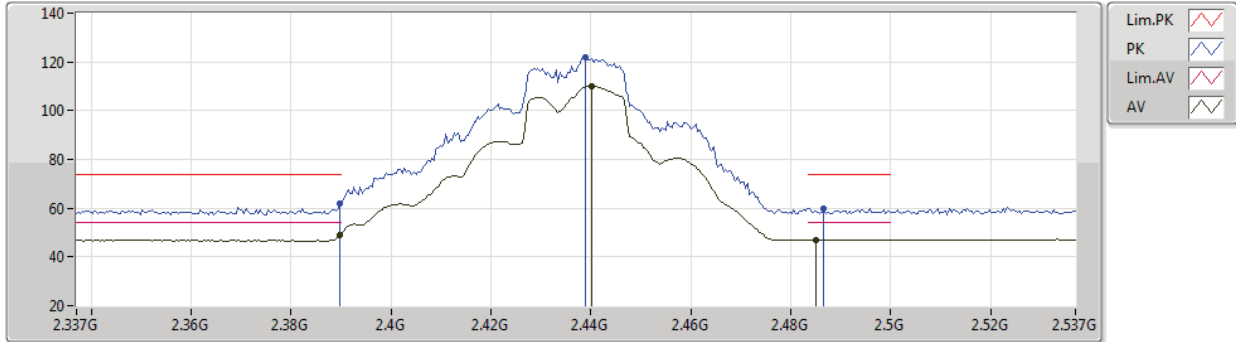
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 47.08 | 54.00 | -6.92 | 34.97 | 3 | Vertical | 46 | 1.36 | - | 12.11 | 27.64 | 7.33 | - |
| AV | 2.4382G | 113.37 | Inf | -Inf | 34.91 | 3 | Vertical | 46 | 1.36 | - | 78.46 | 27.56 | 7.35 | - |
| AV | 2.4854G | 47.15 | 54.00 | -6.85 | 34.88 | 3 | Vertical | 46 | 1.36 | - | 12.27 | 27.51 | 7.37 | - |
| PK | 2.3886G | 60.06 | 74.00 | -13.94 | 34.98 | 3 | Vertical | 46 | 1.36 | - | 25.08 | 27.65 | 7.33 | - |
| PK | 2.4378G | 126.00 | Inf | -Inf | 34.91 | 3 | Vertical | 46 | 1.36 | - | 91.09 | 27.56 | 7.35 | - |
| PK | 2.491G | 59.88 | 74.00 | -14.12 | 34.88 | 3 | Vertical | 46 | 1.36 | - | 25.00 | 27.51 | 7.37 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

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2437MHz_TX



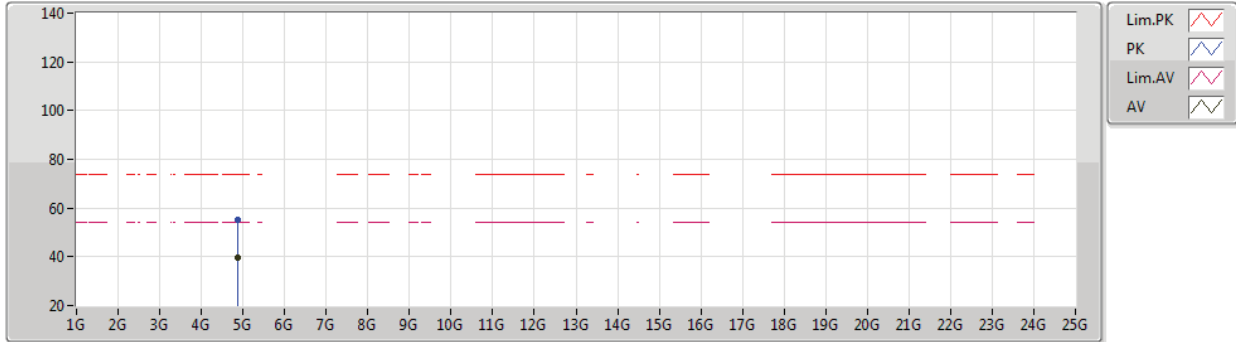
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 49.11 | 54.00 | -4.89 | 34.97 | 3 | Horizontal | 170 | 1.50 | - | 14.14 | 27.64 | 7.33 | - |
| AV | 2.4402G | 110.00 | Inf | -Inf | 34.91 | 3 | Horizontal | 170 | 1.50 | - | 75.09 | 27.56 | 7.35 | - |
| AV | 2.485G | 46.99 | 54.00 | -7.01 | 34.89 | 3 | Horizontal | 170 | 1.50 | - | 12.10 | 27.52 | 7.37 | - |
| PK | 2.3898G | 61.76 | 74.00 | -12.24 | 34.97 | 3 | Horizontal | 170 | 1.50 | - | 26.79 | 27.64 | 7.33 | - |
| PK | 2.439G | 121.71 | Inf | -Inf | 34.91 | 3 | Horizontal | 170 | 1.50 | - | 86.80 | 27.56 | 7.35 | - |
| PK | 2.4866G | 59.73 | 74.00 | -14.27 | 34.88 | 3 | Horizontal | 170 | 1.50 | - | 24.85 | 27.51 | 7.37 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

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2437MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK | 4.88576G | 55.23 | 74.00 | -18.77 | 7.04 | 3 | Vertical | 148 | 1.50 | - | 48.19 | 31.10 | 9.99 | 34.05 |
| AV | 4.88348G | 39.91 | 54.00 | -14.09 | 7.03 | 3 | Vertical | 148 | 1.50 | - | 32.88 | 31.10 | 9.98 | 34.05 |

Remark :

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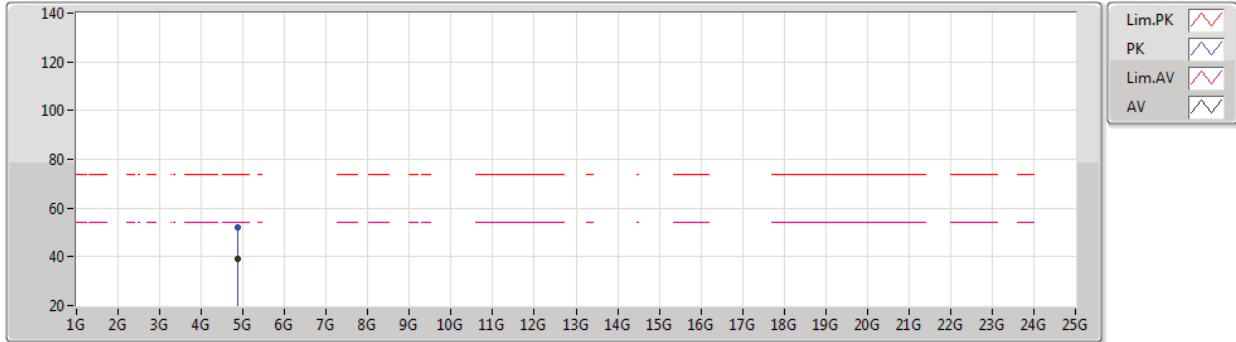
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11ax HEW20_Nss1,(MCS0)_4TX

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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87712G | 39.18 | 54.00 | -14.82 | 7.03 | 3 | Horizontal | 326 | 1.50 | - | 32.15 | 31.10 | 9.98 | 34.05 |
| PK | 4.8758G | 52.18 | 74.00 | -21.82 | 7.03 | 3 | Horizontal | 326 | 1.50 | - | 45.15 | 31.10 | 9.98 | 34.05 |

Remark :

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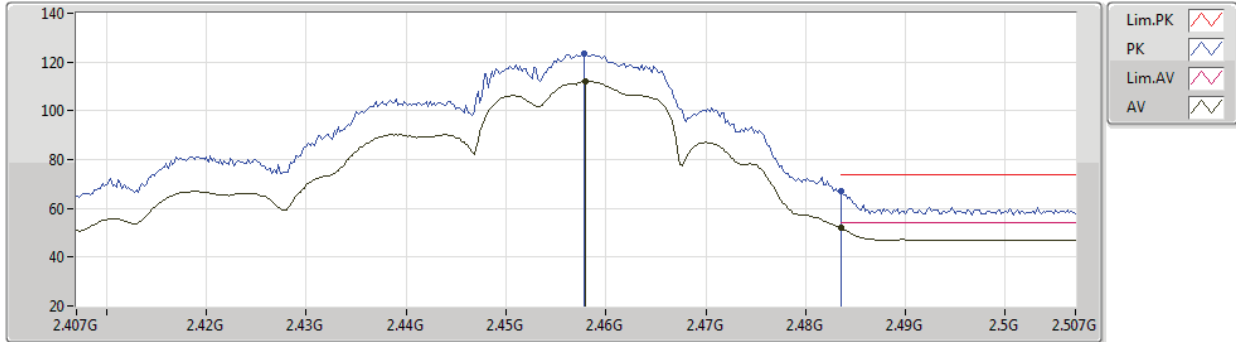
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11ax HEW20_Nss1,(MCS0)_4TX

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2457MHz_TX



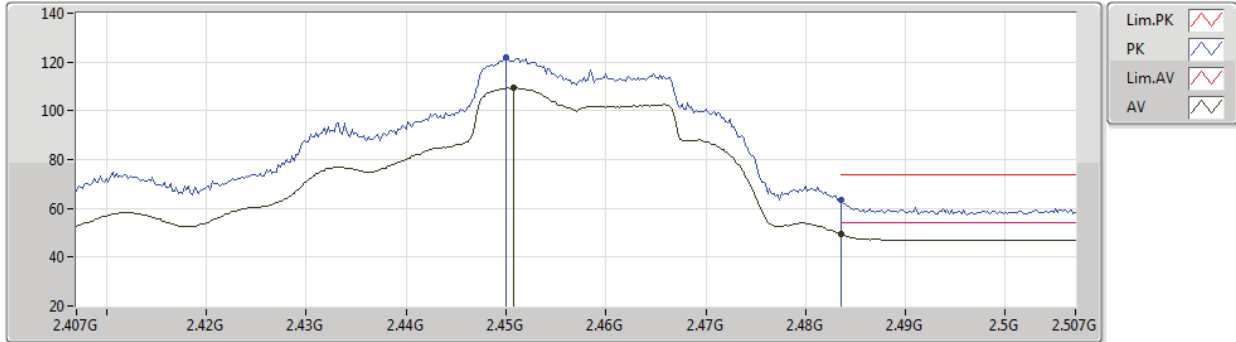
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.458G | 112.28 | Inf | -Inf | 34.90 | 3 | Vertical | 38 | 1.50 | - | 77.38 | 27.54 | 7.36 | - |
| AV | 2.4835G | 52.28 | 54.00 | -1.72 | 34.89 | 3 | Vertical | 38 | 1.50 | - | 17.39 | 27.52 | 7.37 | - |
| PK | 2.4578G | 123.34 | Inf | -Inf | 34.90 | 3 | Vertical | 38 | 1.50 | - | 88.44 | 27.54 | 7.36 | - |
| PK | 2.4835G | 67.22 | 74.00 | -6.78 | 34.89 | 3 | Vertical | 38 | 1.50 | - | 32.33 | 27.52 | 7.37 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

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2457MHz_TX



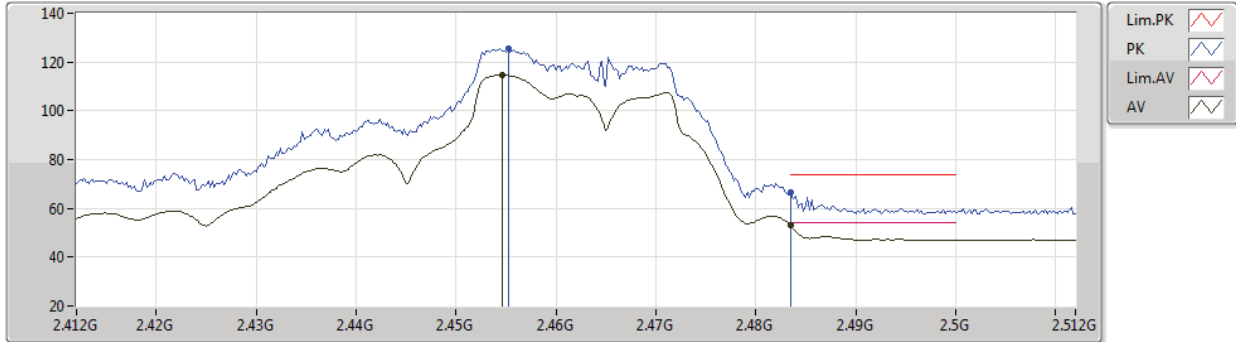
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4508G | 109.40 | Inf | -Inf | 34.90 | 3 | Horizontal | 185 | 1.66 | - | 74.50 | 27.55 | 7.35 | - |
| AV | 2.4835G | 49.50 | 54.00 | -4.50 | 34.89 | 3 | Horizontal | 185 | 1.66 | - | 14.61 | 27.52 | 7.37 | - |
| PK | 2.45G | 121.69 | Inf | -Inf | 34.90 | 3 | Horizontal | 185 | 1.66 | - | 86.79 | 27.55 | 7.35 | - |
| PK | 2.4835G | 63.41 | 74.00 | -10.59 | 34.89 | 3 | Horizontal | 185 | 1.66 | - | 28.52 | 27.52 | 7.37 | - |



802.11ax HEW20_Nss1,(MCS0)_4TX

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2462MHz_TX



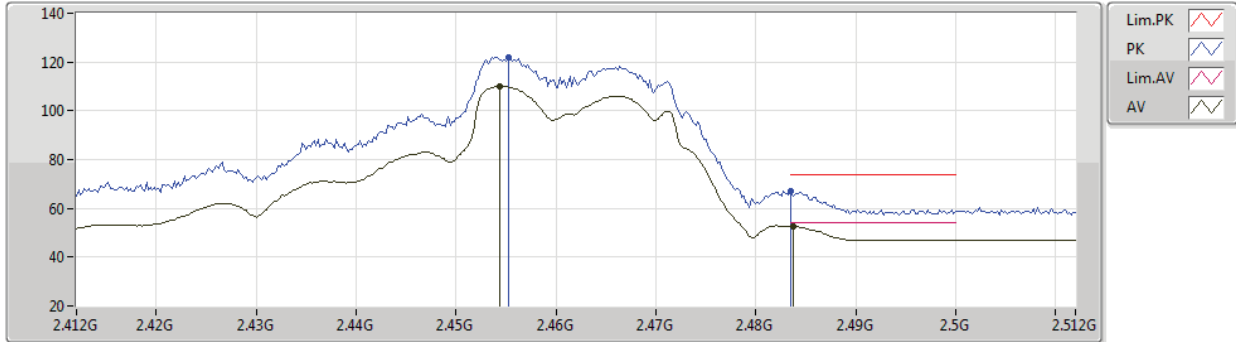
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4546G | 114.73 | Inf | -Inf | 34.90 | 3 | Vertical | 76 | 2.05 | - | 79.83 | 27.55 | 7.35 | - |
| AV | 2.4835G | 53.19 | 54.00 | -0.81 | 34.89 | 3 | Vertical | 76 | 2.05 | - | 18.30 | 27.52 | 7.37 | - |
| PK | 2.4552G | 125.67 | Inf | -Inf | 34.90 | 3 | Vertical | 76 | 2.05 | - | 90.77 | 27.54 | 7.36 | - |
| PK | 2.4835G | 66.43 | 74.00 | -7.57 | 34.89 | 3 | Vertical | 76 | 2.05 | - | 31.54 | 27.52 | 7.37 | - |



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2462MHz_TX



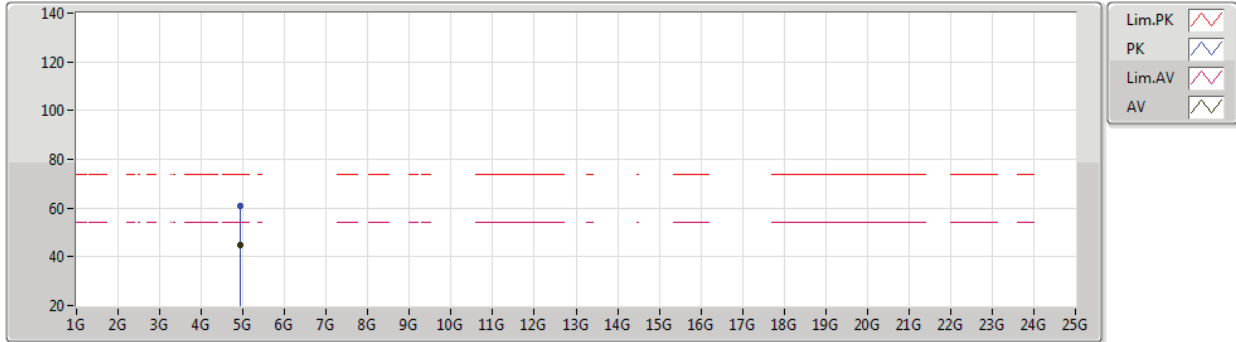
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4544G | 110.08 | Inf | -Inf | 34.90 | 3 | Horizontal | 99 | 2.22 | - | 75.18 | 27.55 | 7.35 | - |
| AV | 2.4838G | 52.51 | 54.00 | -1.49 | 34.89 | 3 | Horizontal | 99 | 2.22 | - | 17.62 | 27.52 | 7.37 | - |
| PK | 2.4552G | 121.99 | Inf | -Inf | 34.90 | 3 | Horizontal | 99 | 2.22 | - | 87.09 | 27.54 | 7.36 | - |
| PK | 2.4835G | 66.95 | 74.00 | -7.05 | 34.89 | 3 | Horizontal | 99 | 2.22 | - | 32.06 | 27.52 | 7.37 | - |



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2462MHz_TX



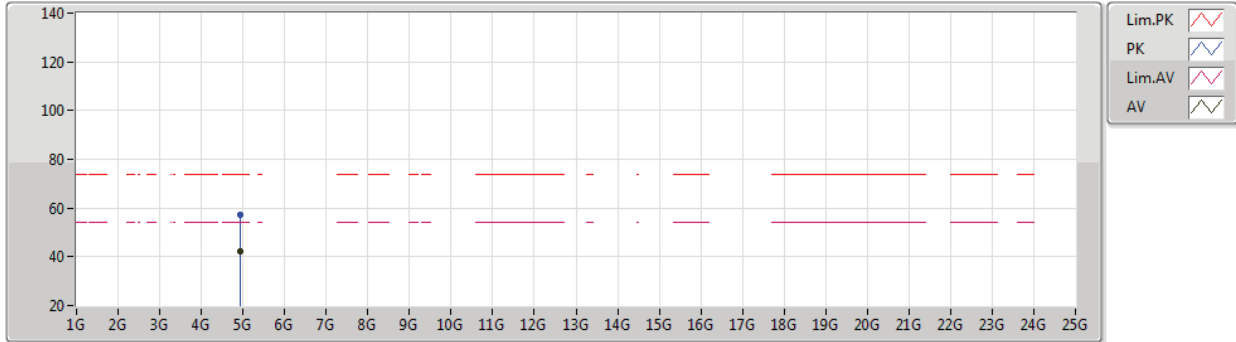
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.93708G | 44.91 | 54.00 | -9.09 | 7.23 | 3 | Vertical | 122 | 1.86 | - | 37.68 | 31.25 | 10.03 | 34.05 |
| PK | 4.93882G | 60.64 | 74.00 | -13.36 | 7.24 | 3 | Vertical | 122 | 1.86 | - | 53.40 | 31.26 | 10.03 | 34.05 |



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2462MHz_TX



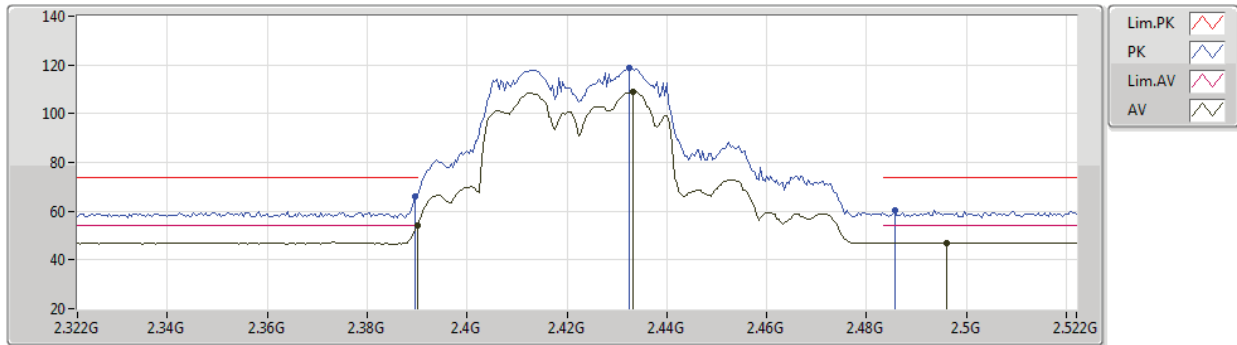
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9206G | 42.46 | 54.00 | -11.54 | 7.14 | 3 | Horizontal | 274 | 1.50 | - | 35.32 | 31.18 | 10.01 | 34.05 |
| PK | 4.9403G | 57.37 | 74.00 | -16.63 | 7.24 | 3 | Horizontal | 274 | 1.50 | - | 50.13 | 31.26 | 10.03 | 34.05 |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



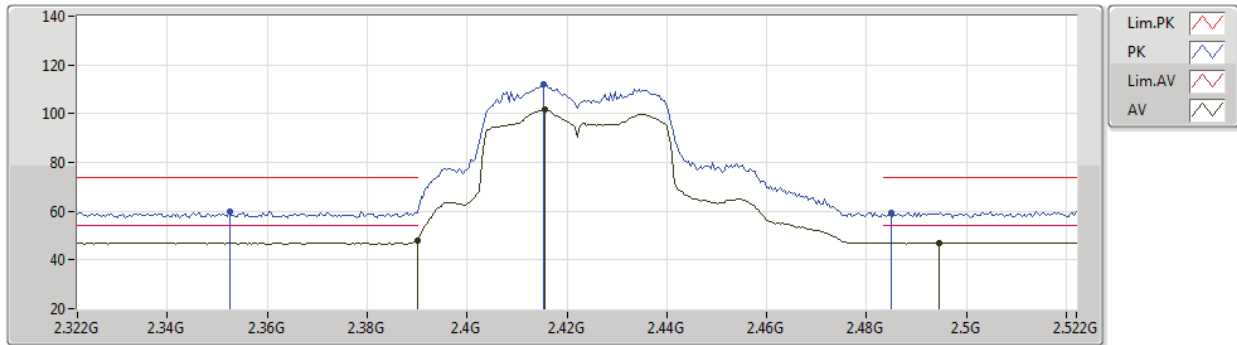
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.91 | 54.00 | -0.09 | 34.97 | 3 | Vertical | 61 | 3.00 | - | 18.94 | 27.64 | 7.33 | - |
| AV | 2.4332G | 109.07 | Inf | -Inf | 34.92 | 3 | Vertical | 61 | 3.00 | - | 74.15 | 27.57 | 7.35 | - |
| AV | 2.496G | 47.12 | 54.00 | -6.88 | 34.87 | 3 | Vertical | 61 | 3.00 | - | 12.25 | 27.50 | 7.37 | - |
| PK | 2.3896G | 66.12 | 74.00 | -7.88 | 34.97 | 3 | Vertical | 61 | 3.00 | - | 31.15 | 27.64 | 7.33 | - |
| PK | 2.4324G | 118.56 | Inf | -Inf | 34.92 | 3 | Vertical | 61 | 3.00 | - | 83.64 | 27.57 | 7.35 | - |
| PK | 2.4856G | 60.51 | 74.00 | -13.49 | 34.88 | 3 | Vertical | 61 | 3.00 | - | 25.63 | 27.51 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



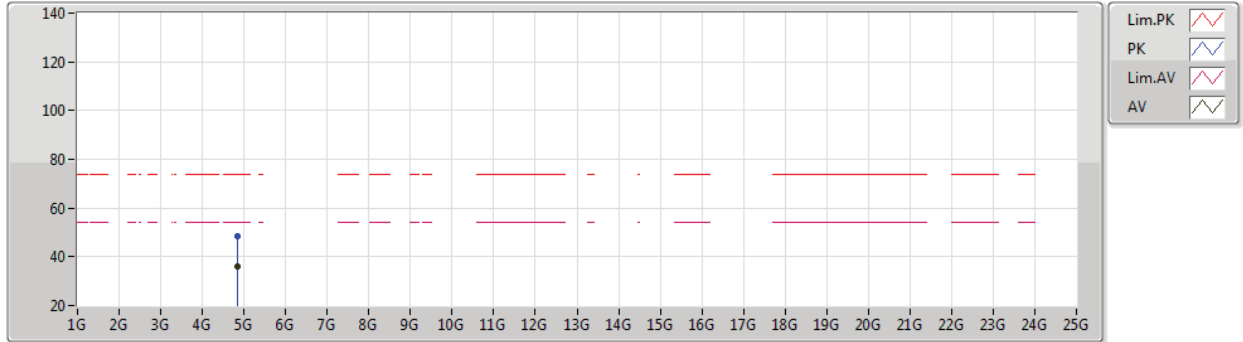
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 48.18 | 54.00 | -5.82 | 34.97 | 3 | Horizontal | 183 | 1.50 | - | 13.21 | 27.64 | 7.33 | - |
| AV | 2.4156G | 101.54 | Inf | -Inf | 34.92 | 3 | Horizontal | 183 | 1.50 | - | 66.62 | 27.58 | 7.34 | - |
| AV | 2.4944G | 47.09 | 54.00 | -6.91 | 34.88 | 3 | Horizontal | 183 | 1.50 | - | 12.21 | 27.51 | 7.37 | - |
| PK | 2.3524G | 59.67 | 74.00 | -14.33 | 35.13 | 3 | Horizontal | 183 | 1.50 | - | 24.54 | 27.79 | 7.34 | - |
| PK | 2.4152G | 111.83 | Inf | -Inf | 34.92 | 3 | Horizontal | 183 | 1.50 | - | 76.91 | 27.58 | 7.34 | - |
| PK | 2.4848G | 59.47 | 74.00 | -14.53 | 34.89 | 3 | Horizontal | 183 | 1.50 | - | 24.58 | 27.52 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.839G | 35.84 | 54.00 | -18.16 | 7.00 | 3 | Vertical | 209 | 1.29 | - | 28.84 | 31.10 | 9.95 | 34.05 |
| PK | 4.8488G | 48.61 | 74.00 | -25.39 | 7.01 | 3 | Vertical | 209 | 1.29 | - | 41.60 | 31.10 | 9.96 | 34.05 |

Remark :

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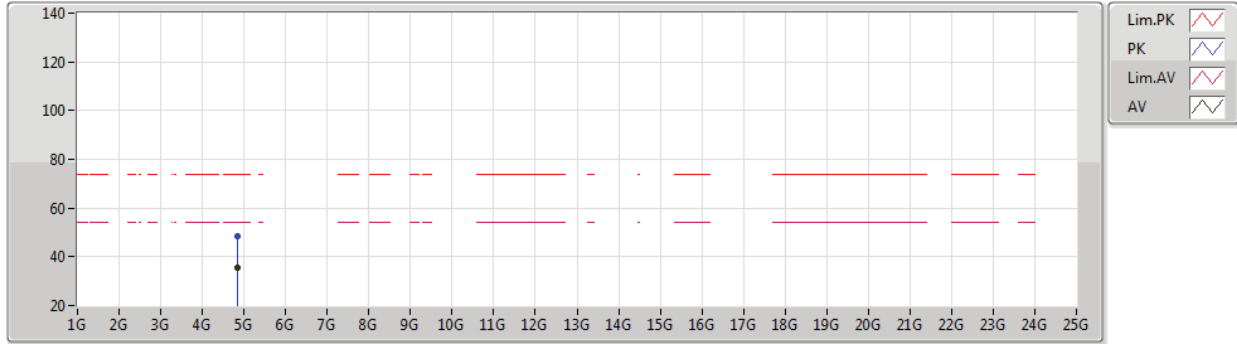
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.83966G | 35.71 | 54.00 | -18.29 | 7.00 | 3 | Horizontal | 260 | 1.50 | - | 28.71 | 31.10 | 9.95 | 34.05 |
| PK | 4.8406G | 48.27 | 74.00 | -25.73 | 7.00 | 3 | Horizontal | 260 | 1.50 | - | 41.27 | 31.10 | 9.95 | 34.05 |

Remark :

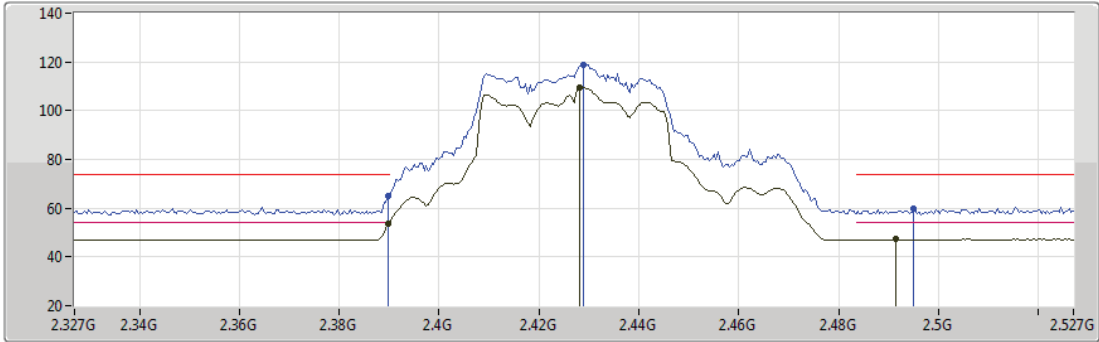
Page No. : F81 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



VHT40_Nss1,(MCS0)_4TX
2427MHz_TX

10/01/2020

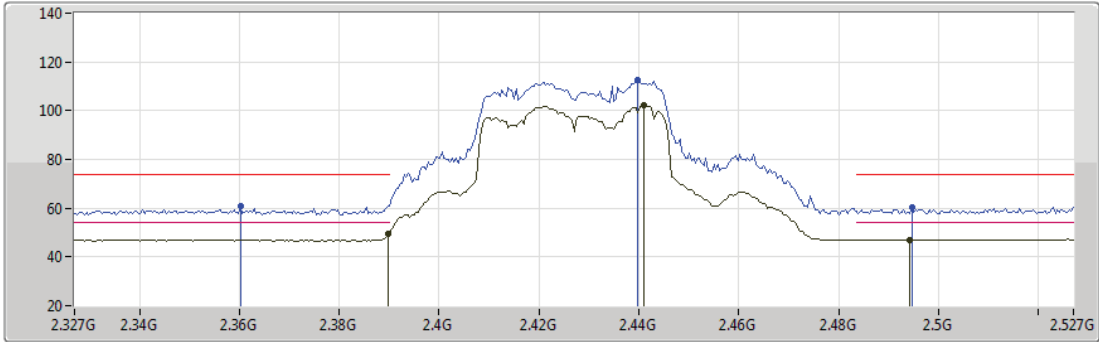


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 53.39 | 54.00 | -0.61 | 34.97 | 3 | Vertical | 98 | 1.00 | - | 18.42 | 27.64 | 7.33 | - |
| AV | 2.4282G | 109.54 | Inf | -Inf | 34.91 | 3 | Vertical | 98 | 1.00 | - | 74.63 | 27.57 | 7.34 | - |
| AV | 2.4914G | 47.18 | 54.00 | -6.82 | 34.88 | 3 | Vertical | 98 | 1.00 | - | 12.30 | 27.51 | 7.37 | - |
| PK | 2.3898G | 65.02 | 74.00 | -8.98 | 34.97 | 3 | Vertical | 98 | 1.00 | - | 30.05 | 27.64 | 7.33 | - |
| PK | 2.429G | 119.00 | Inf | -Inf | 34.91 | 3 | Vertical | 98 | 1.00 | - | 84.09 | 27.57 | 7.34 | - |
| PK | 2.495G | 59.67 | 74.00 | -14.33 | 34.87 | 3 | Vertical | 98 | 1.00 | - | 24.80 | 27.50 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX
2427MHz_TX

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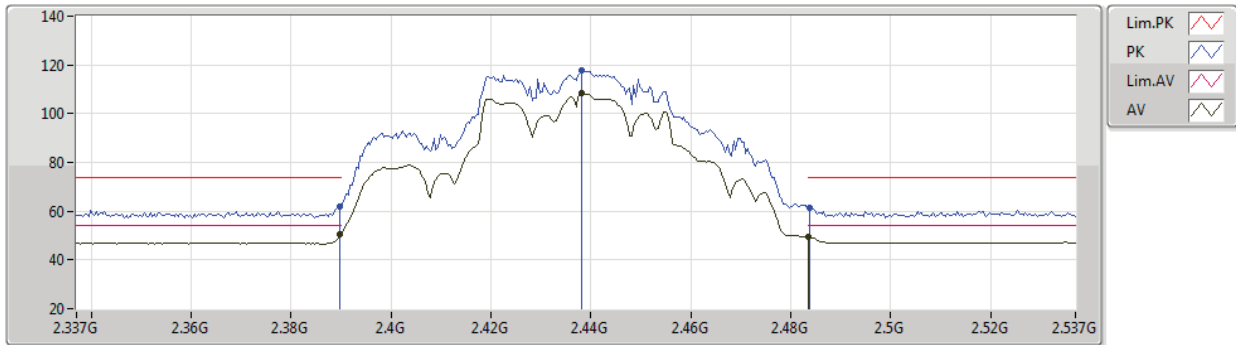
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 49.40 | 54.00 | -4.60 | 34.97 | 3 | Horizontal | 169 | 1.50 | - | 14.43 | 27.64 | 7.33 | - |
| AV | 2.441G | 102.01 | Inf | -Inf | 34.91 | 3 | Horizontal | 169 | 1.50 | - | 67.10 | 27.56 | 7.35 | - |
| AV | 2.4942G | 46.95 | 54.00 | -7.05 | 34.88 | 3 | Horizontal | 169 | 1.50 | - | 12.07 | 27.51 | 7.37 | - |
| PK | 2.3602G | 60.99 | 74.00 | -13.01 | 35.10 | 3 | Horizontal | 169 | 1.50 | - | 25.89 | 27.76 | 7.34 | - |
| PK | 2.4398G | 112.41 | Inf | -Inf | 34.91 | 3 | Horizontal | 169 | 1.50 | - | 77.50 | 27.56 | 7.35 | - |
| PK | 2.4946G | 60.20 | 74.00 | -13.80 | 34.88 | 3 | Horizontal | 169 | 1.50 | - | 25.32 | 27.51 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



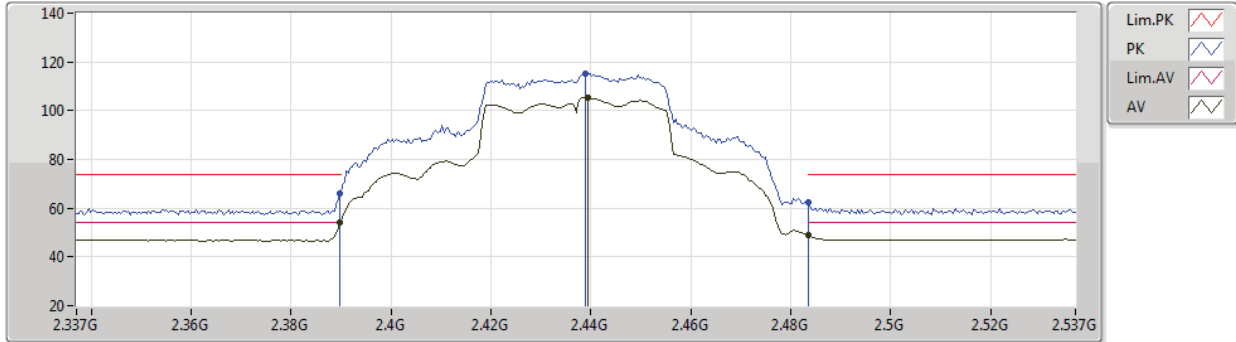
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 50.58 | 54.00 | -3.42 | 34.97 | 3 | Vertical | 28 | 1.50 | - | 15.61 | 27.64 | 7.33 | - |
| AV | 2.4382G | 108.54 | Inf | -Inf | 34.91 | 3 | Vertical | 28 | 1.50 | - | 73.63 | 27.56 | 7.35 | - |
| AV | 2.4835G | 49.63 | 54.00 | -4.37 | 34.89 | 3 | Vertical | 28 | 1.50 | - | 14.74 | 27.52 | 7.37 | - |
| PK | 2.3898G | 62.05 | 74.00 | -11.95 | 34.97 | 3 | Vertical | 28 | 1.50 | - | 27.08 | 27.64 | 7.33 | - |
| PK | 2.4382G | 117.56 | Inf | -Inf | 34.91 | 3 | Vertical | 28 | 1.50 | - | 82.65 | 27.56 | 7.35 | - |
| PK | 2.4838G | 61.53 | 74.00 | -12.47 | 34.89 | 3 | Vertical | 28 | 1.50 | - | 26.64 | 27.52 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



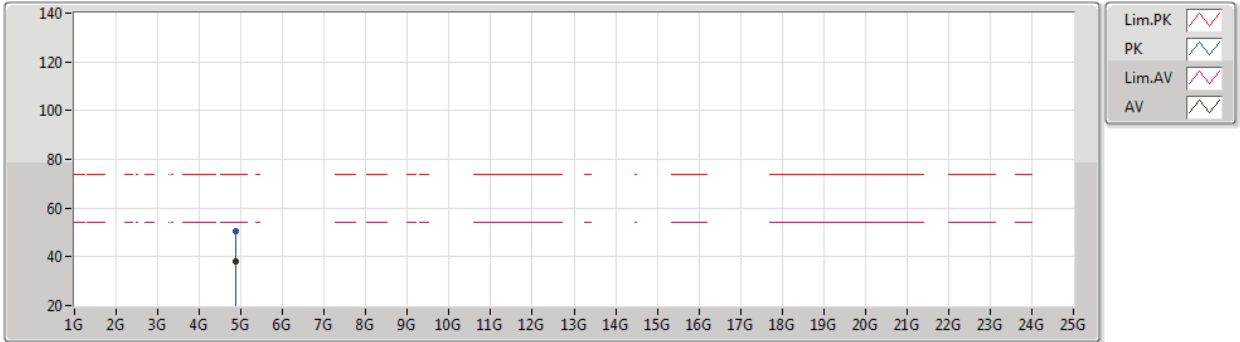
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 53.98 | 54.00 | -0.02 | 34.97 | 3 | Horizontal | 171 | 1.50 | - | 19.01 | 27.64 | 7.33 | - |
| AV | 2.4394G | 105.29 | Inf | -Inf | 34.91 | 3 | Horizontal | 171 | 1.50 | - | 70.38 | 27.56 | 7.35 | - |
| AV | 2.4835G | 48.89 | 54.00 | -5.11 | 34.89 | 3 | Horizontal | 171 | 1.50 | - | 14.00 | 27.52 | 7.37 | - |
| PK | 2.3898G | 66.16 | 74.00 | -7.84 | 34.97 | 3 | Horizontal | 171 | 1.50 | - | 31.19 | 27.64 | 7.33 | - |
| PK | 2.439G | 114.97 | Inf | -Inf | 34.91 | 3 | Horizontal | 171 | 1.50 | - | 80.06 | 27.56 | 7.35 | - |
| PK | 2.4835G | 62.21 | 74.00 | -11.79 | 34.89 | 3 | Horizontal | 171 | 1.50 | - | 27.32 | 27.52 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



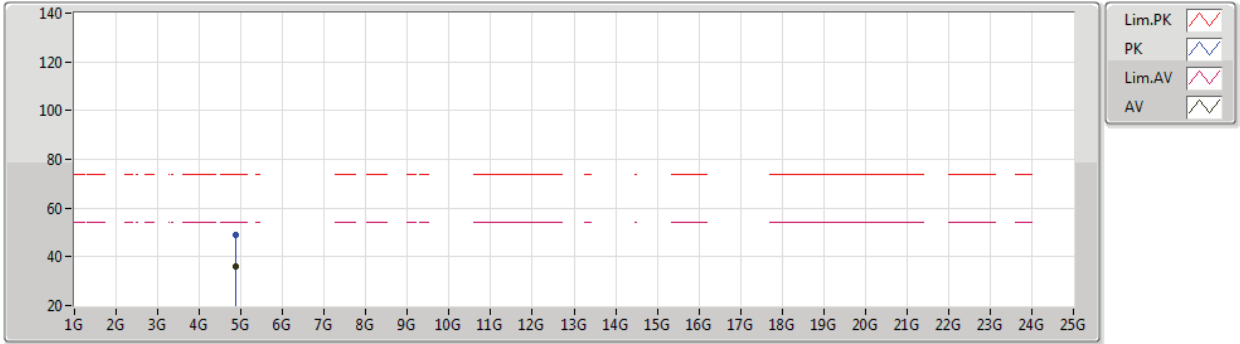
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.88516G | 37.94 | 54.00 | -16.06 | 7.04 | 3 | Vertical | 145 | 1.50 | - | 30.90 | 31.10 | 9.99 | 34.05 |
| PK | 4.88612G | 50.67 | 74.00 | -23.33 | 7.04 | 3 | Vertical | 145 | 1.50 | - | 43.63 | 31.10 | 9.99 | 34.05 |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



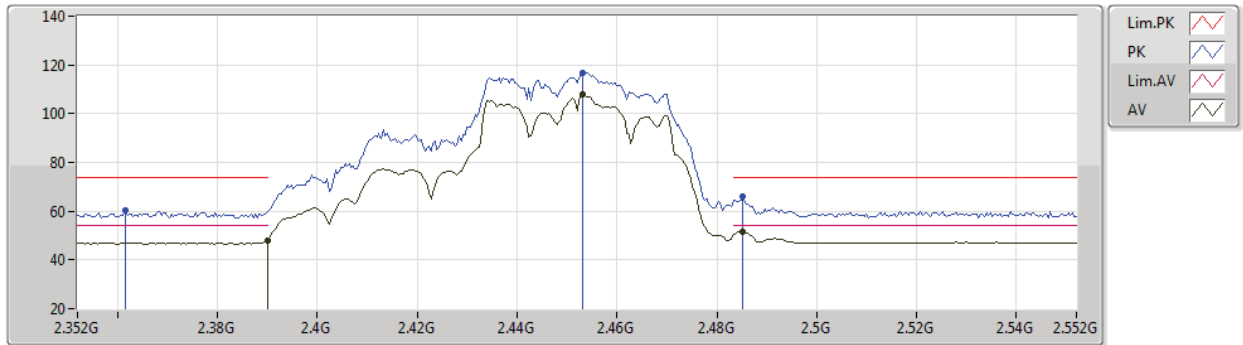
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.88072G | 36.17 | 54.00 | -17.83 | 7.03 | 3 | Horizontal | 282 | 1.50 | - | 29.14 | 31.10 | 9.98 | 34.05 |
| PK | 4.88144G | 48.75 | 74.00 | -25.25 | 7.03 | 3 | Horizontal | 282 | 1.50 | - | 41.72 | 31.10 | 9.98 | 34.05 |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



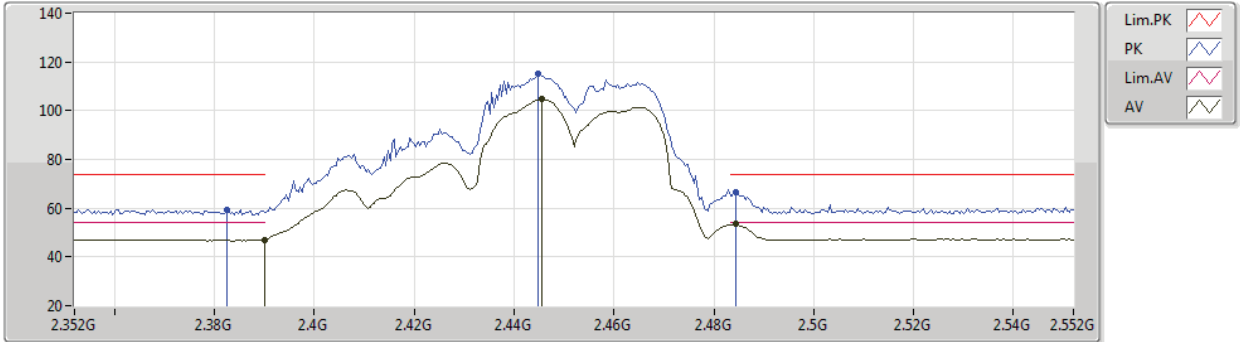
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 48.17 | 54.00 | -5.83 | 34.97 | 3 | Vertical | 30 | 1.50 | - | 13.20 | 27.64 | 7.33 | - |
| AV | 2.4532G | 107.73 | Inf | -Inf | 34.90 | 3 | Vertical | 30 | 1.50 | - | 72.83 | 27.55 | 7.35 | - |
| AV | 2.4852G | 51.78 | 54.00 | -2.22 | 34.88 | 3 | Vertical | 30 | 1.50 | - | 16.90 | 27.51 | 7.37 | - |
| PK | 2.3616G | 60.22 | 74.00 | -13.78 | 35.09 | 3 | Vertical | 30 | 1.50 | - | 25.13 | 27.75 | 7.34 | - |
| PK | 2.4532G | 116.76 | Inf | -Inf | 34.90 | 3 | Vertical | 30 | 1.50 | - | 81.86 | 27.55 | 7.35 | - |
| PK | 2.4852G | 66.25 | 74.00 | -7.75 | 34.88 | 3 | Vertical | 30 | 1.50 | - | 31.37 | 27.51 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX

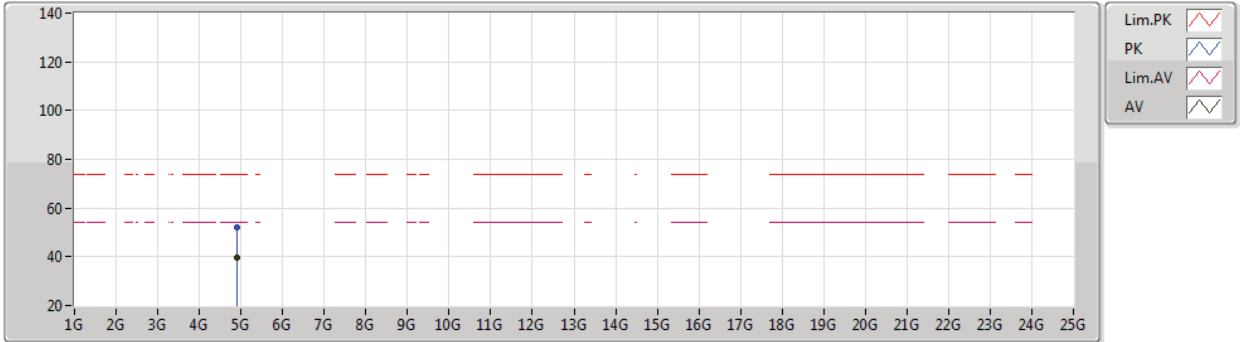


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 47.11 | 54.00 | -6.89 | 34.97 | 3 | Horizontal | 204 | 1.50 | - | 12.14 | 27.64 | 7.33 | - |
| AV | 2.4456G | 104.71 | Inf | -Inf | 34.90 | 3 | Horizontal | 204 | 1.50 | - | 69.81 | 27.55 | 7.35 | - |
| AV | 2.4844G | 53.47 | 54.00 | -0.53 | 34.89 | 3 | Horizontal | 204 | 1.50 | - | 18.58 | 27.52 | 7.37 | - |
| PK | 2.3824G | 59.55 | 74.00 | -14.45 | 35.00 | 3 | Horizontal | 204 | 1.50 | - | 24.55 | 27.67 | 7.33 | - |
| PK | 2.4448G | 115.18 | Inf | -Inf | 34.91 | 3 | Horizontal | 204 | 1.50 | - | 80.27 | 27.56 | 7.35 | - |
| PK | 2.4844G | 66.42 | 74.00 | -7.58 | 34.89 | 3 | Horizontal | 204 | 1.50 | - | 31.53 | 27.52 | 7.37 | - |



VHT40_Nss1,(MCS0)_4TX
2452MHz_TX

10/01/2020



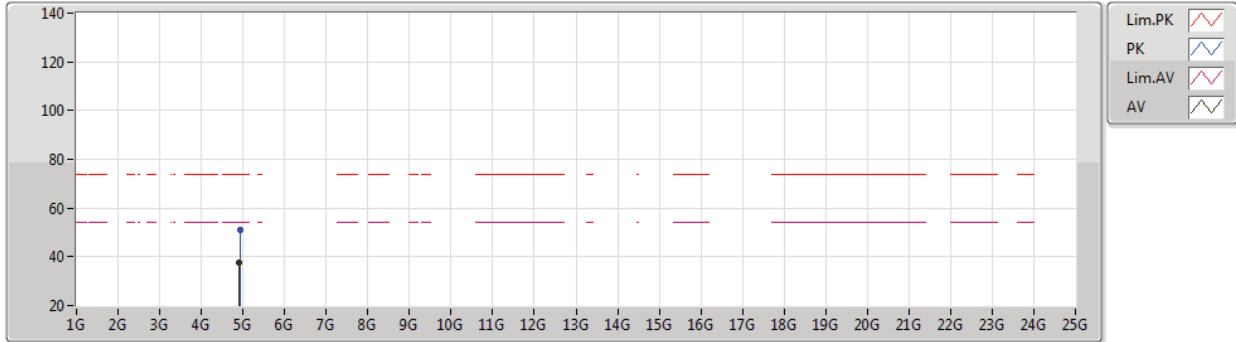
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.917G | 39.69 | 54.00 | -14.31 | 7.13 | 3 | Vertical | 134 | 1.55 | - | 32.56 | 31.17 | 10.01 | 34.05 |
| PK | 4.9171G | 51.90 | 74.00 | -22.10 | 7.13 | 3 | Vertical | 134 | 1.55 | - | 44.77 | 31.17 | 10.01 | 34.05 |



VHT40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



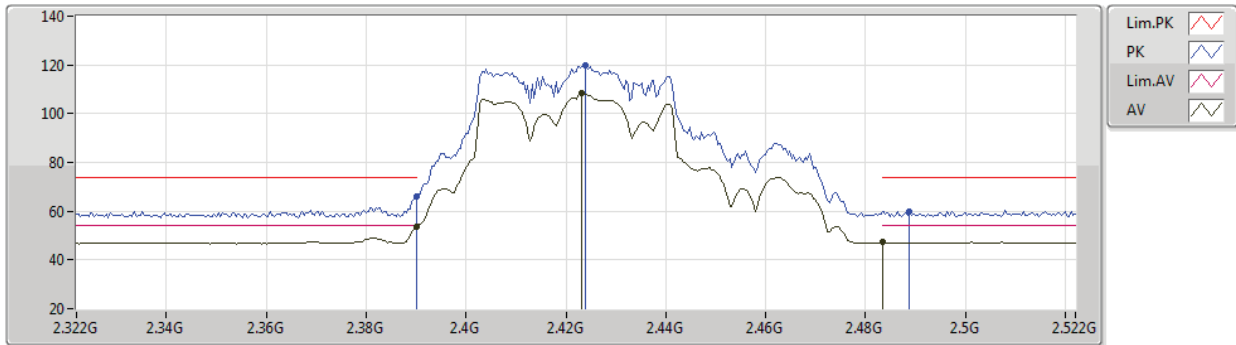
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9192G | 37.75 | 54.00 | -16.25 | 7.14 | 3 | Horizontal | 272 | 1.50 | - | 30.61 | 31.18 | 10.01 | 34.05 |
| PK | 4.9211G | 50.91 | 74.00 | -23.09 | 7.14 | 3 | Horizontal | 272 | 1.50 | - | 43.77 | 31.18 | 10.01 | 34.05 |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



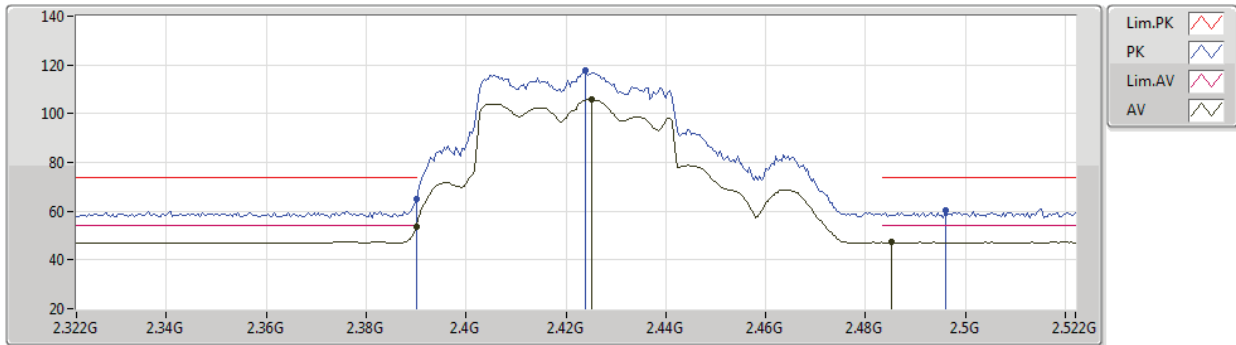
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.77 | 54.00 | -0.23 | 34.97 | 3 | Vertical | 26 | 1.50 | - | 18.80 | 27.64 | 7.33 | - |
| AV | 2.4232G | 108.25 | Inf | -Inf | 34.92 | 3 | Vertical | 26 | 1.50 | - | 73.33 | 27.58 | 7.34 | - |
| AV | 2.4835G | 47.16 | 54.00 | -6.84 | 34.89 | 3 | Vertical | 26 | 1.50 | - | 12.27 | 27.52 | 7.37 | - |
| PK | 2.39G | 66.23 | 74.00 | -7.77 | 34.97 | 3 | Vertical | 26 | 1.50 | - | 31.26 | 27.64 | 7.33 | - |
| PK | 2.424G | 119.72 | Inf | -Inf | 34.92 | 3 | Vertical | 26 | 1.50 | - | 84.80 | 27.58 | 7.34 | - |
| PK | 2.4888G | 59.98 | 74.00 | -14.02 | 34.88 | 3 | Vertical | 26 | 1.50 | - | 25.10 | 27.51 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



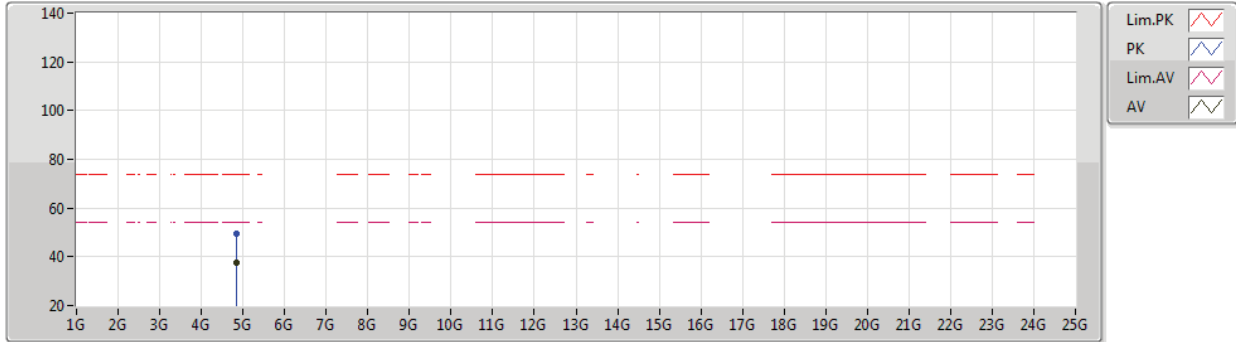
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.66 | 54.00 | -0.34 | 34.97 | 3 | Horizontal | 150 | 1.50 | - | 18.69 | 27.64 | 7.33 | - |
| AV | 2.4252G | 105.79 | Inf | -Inf | 34.91 | 3 | Horizontal | 150 | 1.50 | - | 70.88 | 27.57 | 7.34 | - |
| AV | 2.4852G | 47.22 | 54.00 | -6.78 | 34.88 | 3 | Horizontal | 150 | 1.50 | - | 12.34 | 27.51 | 7.37 | - |
| PK | 2.39G | 64.81 | 74.00 | -9.19 | 34.97 | 3 | Horizontal | 150 | 1.50 | - | 29.84 | 27.64 | 7.33 | - |
| PK | 2.424G | 117.85 | Inf | -Inf | 34.92 | 3 | Horizontal | 150 | 1.50 | - | 82.93 | 27.58 | 7.34 | - |
| PK | 2.496G | 60.11 | 74.00 | -13.89 | 34.87 | 3 | Horizontal | 150 | 1.50 | - | 25.24 | 27.50 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8362G | 37.41 | 54.00 | -16.59 | 7.00 | 3 | Vertical | 99 | 1.50 | - | 30.41 | 31.10 | 9.95 | 34.05 |
| PK | 4.8354G | 49.24 | 74.00 | -24.76 | 7.00 | 3 | Vertical | 99 | 1.50 | - | 42.24 | 31.10 | 9.95 | 34.05 |

Remark :

Page No. : F94 of F107

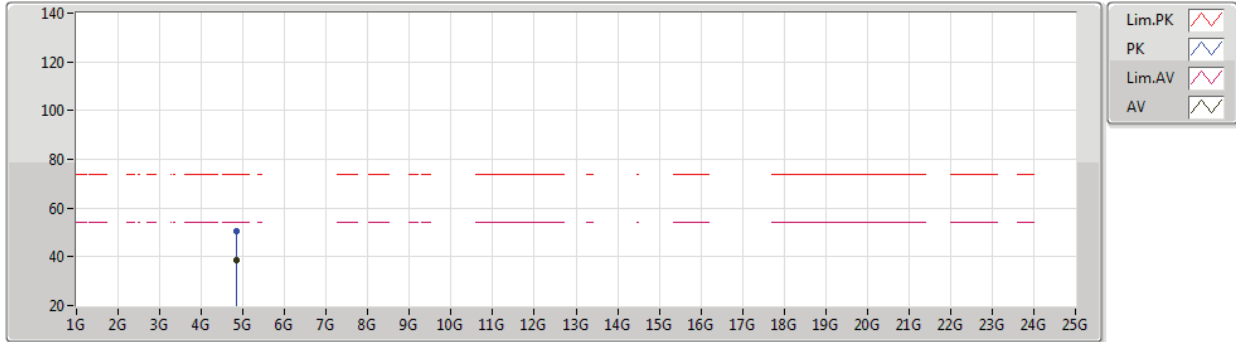
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2422MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8387G | 38.38 | 54.00 | -15.62 | 7.00 | 3 | Horizontal | 262 | 1.49 | - | 31.38 | 31.10 | 9.95 | 34.05 |
| PK | 4.8372G | 50.49 | 74.00 | -23.51 | 7.00 | 3 | Horizontal | 262 | 1.49 | - | 43.49 | 31.10 | 9.95 | 34.05 |

Remark :

Page No. : F95 of F107

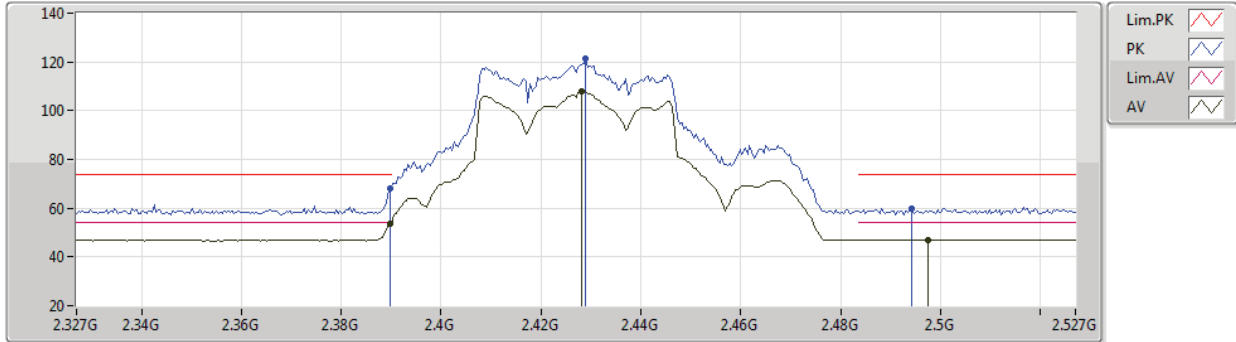
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2427MHz_TX



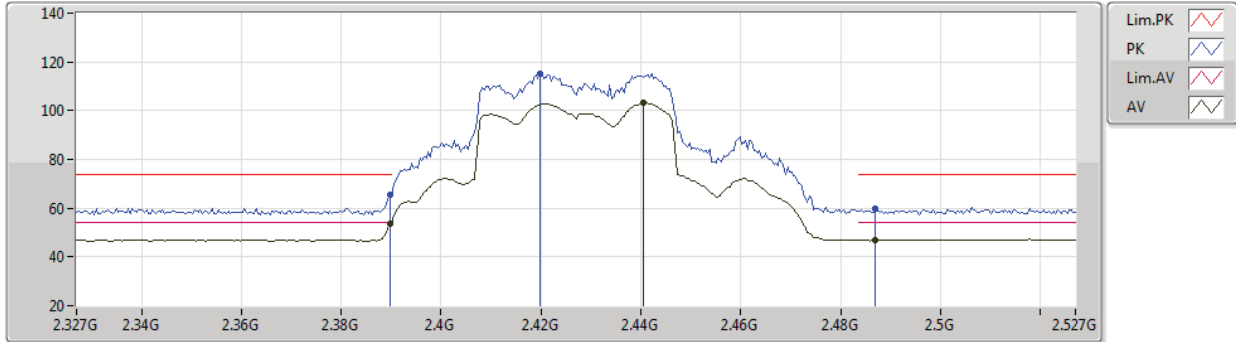
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 53.80 | 54.00 | -0.20 | 34.97 | 3 | Vertical | 92 | 1.50 | - | 18.83 | 27.64 | 7.33 | - |
| AV | 2.4282G | 107.85 | Inf | -Inf | 34.91 | 3 | Vertical | 92 | 1.50 | - | 72.94 | 27.57 | 7.34 | - |
| AV | 2.4974G | 47.03 | 54.00 | -6.97 | 34.87 | 3 | Vertical | 92 | 1.50 | - | 12.16 | 27.50 | 7.37 | - |
| PK | 2.3898G | 68.30 | 74.00 | -5.70 | 34.97 | 3 | Vertical | 92 | 1.50 | - | 33.33 | 27.64 | 7.33 | - |
| PK | 2.429G | 121.15 | Inf | -Inf | 34.91 | 3 | Vertical | 92 | 1.50 | - | 86.24 | 27.57 | 7.34 | - |
| PK | 2.4942G | 59.93 | 74.00 | -14.07 | 34.88 | 3 | Vertical | 92 | 1.50 | - | 25.05 | 27.51 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2427MHz_TX



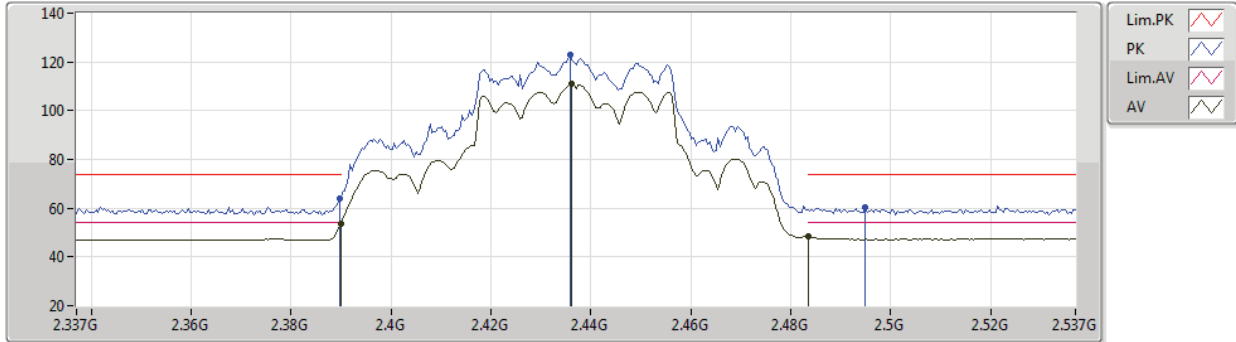
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 53.44 | 54.00 | -0.56 | 34.97 | 3 | Horizontal | 168 | 1.50 | - | 18.47 | 27.64 | 7.33 | - |
| AV | 2.4406G | 103.14 | Inf | -Inf | 34.91 | 3 | Horizontal | 168 | 1.50 | - | 68.23 | 27.56 | 7.35 | - |
| AV | 2.487G | 46.97 | 54.00 | -7.03 | 34.88 | 3 | Horizontal | 168 | 1.50 | - | 12.09 | 27.51 | 7.37 | - |
| PK | 2.3898G | 65.48 | 74.00 | -8.52 | 34.97 | 3 | Horizontal | 168 | 1.50 | - | 30.51 | 27.64 | 7.33 | - |
| PK | 2.4198G | 115.25 | Inf | -Inf | 34.92 | 3 | Horizontal | 168 | 1.50 | - | 80.33 | 27.58 | 7.34 | - |
| PK | 2.487G | 59.61 | 74.00 | -14.39 | 34.88 | 3 | Horizontal | 168 | 1.50 | - | 24.73 | 27.51 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



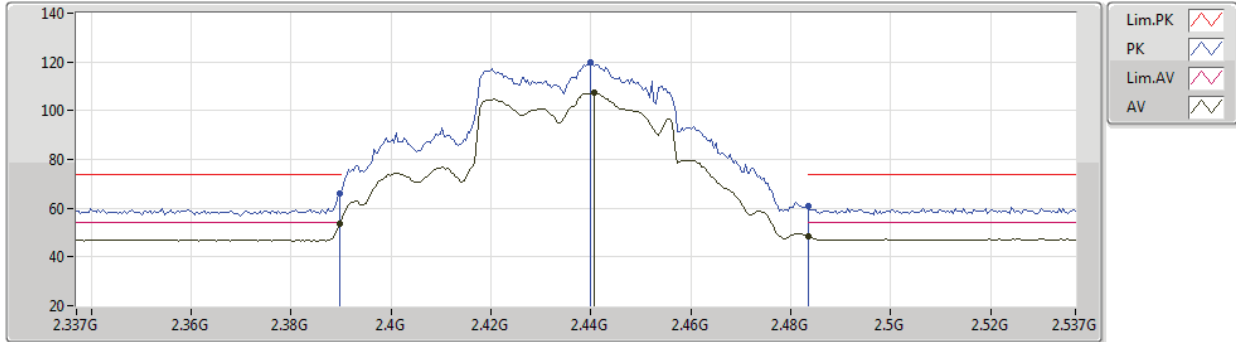
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 53.77 | 54.00 | -0.23 | 34.97 | 3 | Vertical | 43 | 2.08 | - | 18.80 | 27.64 | 7.33 | - |
| AV | 2.4362G | 110.89 | Inf | -Inf | 34.91 | 3 | Vertical | 43 | 2.08 | - | 75.98 | 27.56 | 7.35 | - |
| AV | 2.4835G | 48.56 | 54.00 | -5.44 | 34.89 | 3 | Vertical | 43 | 2.08 | - | 13.67 | 27.52 | 7.37 | - |
| PK | 2.3898G | 64.21 | 74.00 | -9.79 | 34.97 | 3 | Vertical | 43 | 2.08 | - | 29.24 | 27.64 | 7.33 | - |
| PK | 2.4358G | 123.04 | Inf | -Inf | 34.91 | 3 | Vertical | 43 | 2.08 | - | 88.13 | 27.56 | 7.35 | - |
| PK | 2.495G | 60.18 | 74.00 | -13.82 | 34.87 | 3 | Vertical | 43 | 2.08 | - | 25.31 | 27.50 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



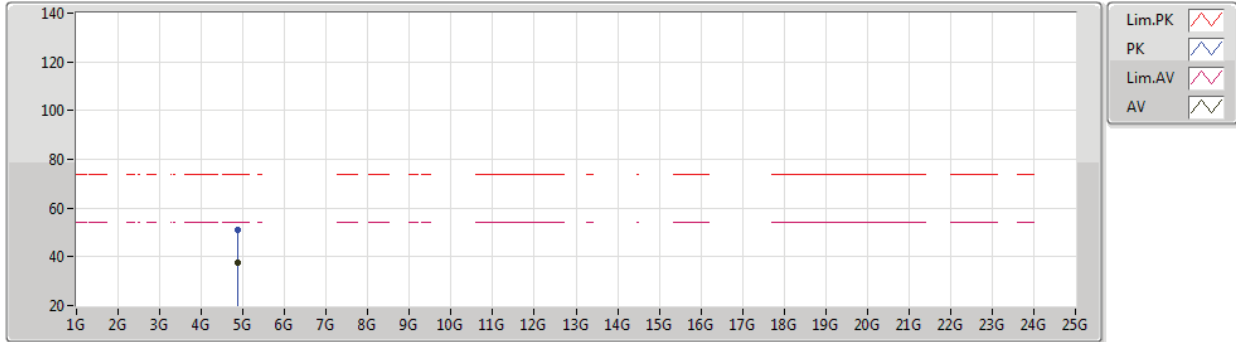
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 53.85 | 54.00 | -0.15 | 34.97 | 3 | Horizontal | 151 | 1.50 | - | 18.88 | 27.64 | 7.33 | - |
| AV | 2.4406G | 107.37 | Inf | -Inf | 34.91 | 3 | Horizontal | 151 | 1.50 | - | 72.46 | 27.56 | 7.35 | - |
| AV | 2.4835G | 48.22 | 54.00 | -5.78 | 34.89 | 3 | Horizontal | 151 | 1.50 | - | 13.33 | 27.52 | 7.37 | - |
| PK | 2.3898G | 66.28 | 74.00 | -7.72 | 34.97 | 3 | Horizontal | 151 | 1.50 | - | 31.31 | 27.64 | 7.33 | - |
| PK | 2.4398G | 119.79 | Inf | -Inf | 34.91 | 3 | Horizontal | 151 | 1.50 | - | 84.88 | 27.56 | 7.35 | - |
| PK | 2.4835G | 60.96 | 74.00 | -13.04 | 34.89 | 3 | Horizontal | 151 | 1.50 | - | 26.07 | 27.52 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



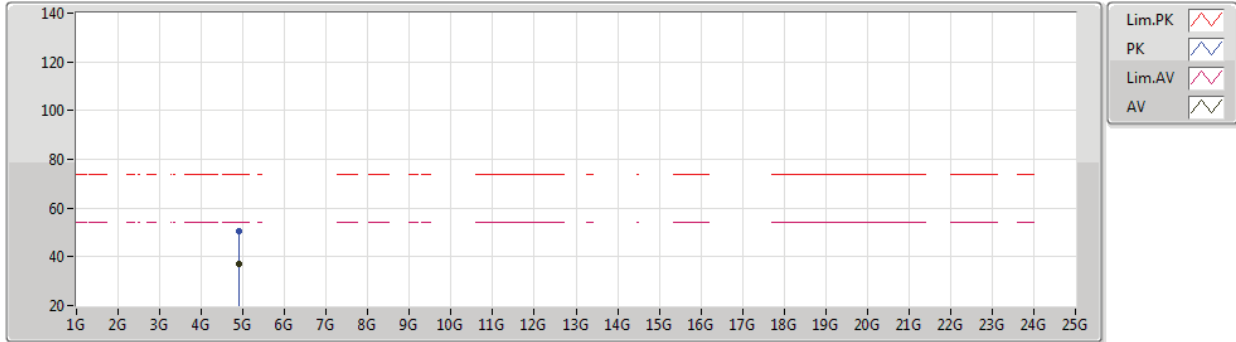
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8824G | 37.71 | 54.00 | -16.29 | 7.03 | 3 | Vertical | 145 | 1.50 | - | 30.68 | 31.10 | 9.98 | 34.05 |
| PK | 4.8853G | 51.16 | 74.00 | -22.84 | 7.04 | 3 | Vertical | 145 | 1.50 | - | 44.12 | 31.10 | 9.99 | 34.05 |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2437MHz_TX



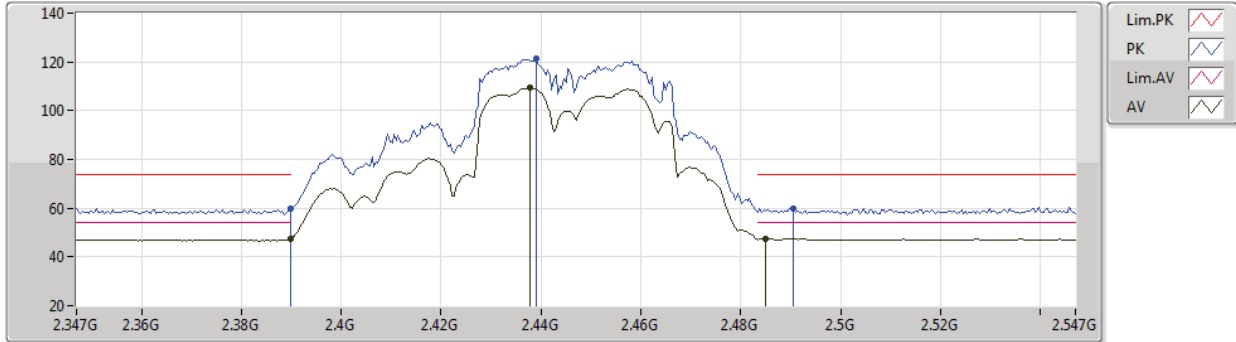
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8918G | 36.85 | 54.00 | -17.15 | 7.04 | 3 | Horizontal | 274 | 1.50 | - | 29.81 | 31.10 | 9.99 | 34.05 |
| PK | 4.8917G | 50.60 | 74.00 | -23.40 | 7.04 | 3 | Horizontal | 274 | 1.50 | - | 43.56 | 31.10 | 9.99 | 34.05 |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2447MHz_TX

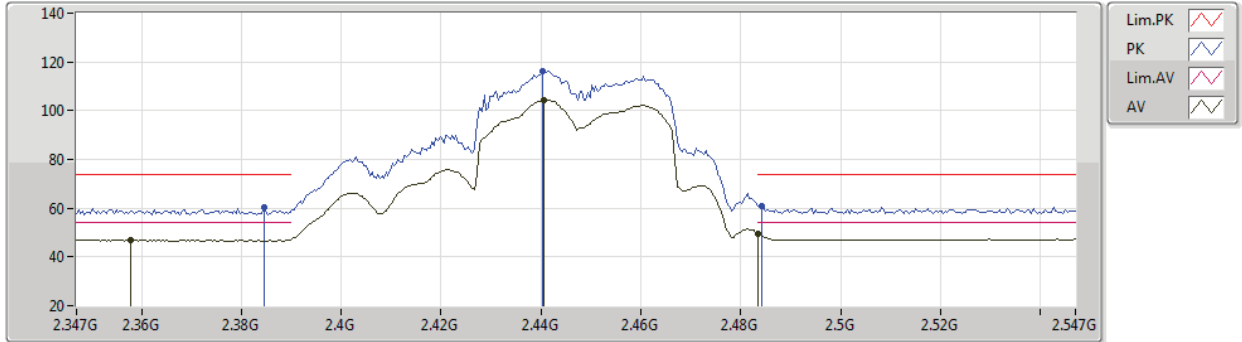


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3898G | 47.38 | 54.00 | -6.62 | 34.97 | 3 | Vertical | 80 | 2.99 | - | 12.41 | 27.64 | 7.33 | - |
| AV | 2.4378G | 109.54 | Inf | -Inf | 34.91 | 3 | Vertical | 80 | 2.99 | - | 74.63 | 27.56 | 7.35 | - |
| AV | 2.485G | 47.66 | 54.00 | -6.34 | 34.89 | 3 | Vertical | 80 | 2.99 | - | 12.77 | 27.52 | 7.37 | - |
| PK | 2.3898G | 59.95 | 74.00 | -14.05 | 34.97 | 3 | Vertical | 80 | 2.99 | - | 24.98 | 27.64 | 7.33 | - |
| PK | 2.439G | 121.15 | Inf | -Inf | 34.91 | 3 | Vertical | 80 | 2.99 | - | 86.24 | 27.56 | 7.35 | - |
| PK | 2.4906G | 59.91 | 74.00 | -14.09 | 34.88 | 3 | Vertical | 80 | 2.99 | - | 25.03 | 27.51 | 7.37 | - |



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2447MHz_TX

10/01/2020



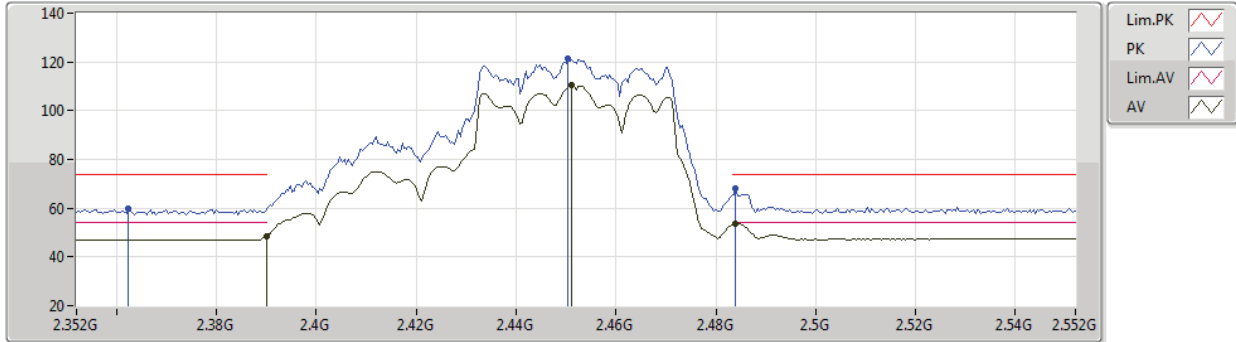
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3578G | 46.94 | 54.00 | -7.06 | 35.11 | 3 | Horizontal | 191 | 1.45 | - | 11.83 | 27.77 | 7.34 | - |
| AV | 2.4406G | 104.27 | Inf | -Inf | 34.91 | 3 | Horizontal | 191 | 1.45 | - | 69.36 | 27.56 | 7.35 | - |
| AV | 2.4835G | 49.63 | 54.00 | -4.37 | 34.89 | 3 | Horizontal | 191 | 1.45 | - | 14.74 | 27.52 | 7.37 | - |
| PK | 2.3846G | 60.28 | 74.00 | -13.72 | 34.99 | 3 | Horizontal | 191 | 1.45 | - | 25.29 | 27.66 | 7.33 | - |
| PK | 2.4402G | 116.12 | Inf | -Inf | 34.91 | 3 | Horizontal | 191 | 1.45 | - | 81.21 | 27.56 | 7.35 | - |
| PK | 2.4842G | 60.79 | 74.00 | -13.21 | 34.89 | 3 | Horizontal | 191 | 1.45 | - | 25.90 | 27.52 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



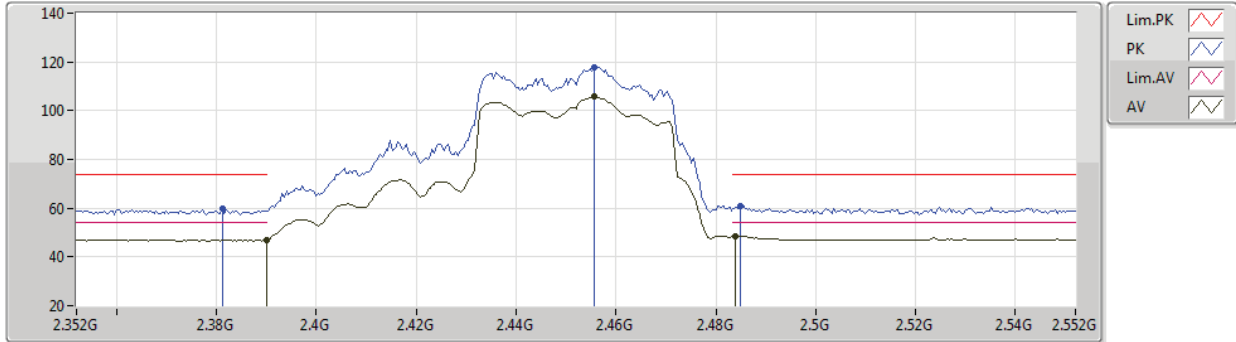
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 48.21 | 54.00 | -5.79 | 34.97 | 3 | Vertical | 43 | 1.86 | - | 13.24 | 27.64 | 7.33 | - |
| AV | 2.4512G | 110.28 | Inf | -Inf | 34.90 | 3 | Vertical | 43 | 1.86 | - | 75.38 | 27.55 | 7.35 | - |
| AV | 2.484G | 53.70 | 54.00 | -0.30 | 34.89 | 3 | Vertical | 43 | 1.86 | - | 18.81 | 27.52 | 7.37 | - |
| PK | 2.3624G | 59.60 | 74.00 | -14.40 | 35.09 | 3 | Vertical | 43 | 1.86 | - | 24.51 | 27.75 | 7.34 | - |
| PK | 2.4504G | 121.33 | Inf | -Inf | 34.90 | 3 | Vertical | 43 | 1.86 | - | 86.43 | 27.55 | 7.35 | - |
| PK | 2.484G | 67.91 | 74.00 | -6.09 | 34.89 | 3 | Vertical | 43 | 1.86 | - | 33.02 | 27.52 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



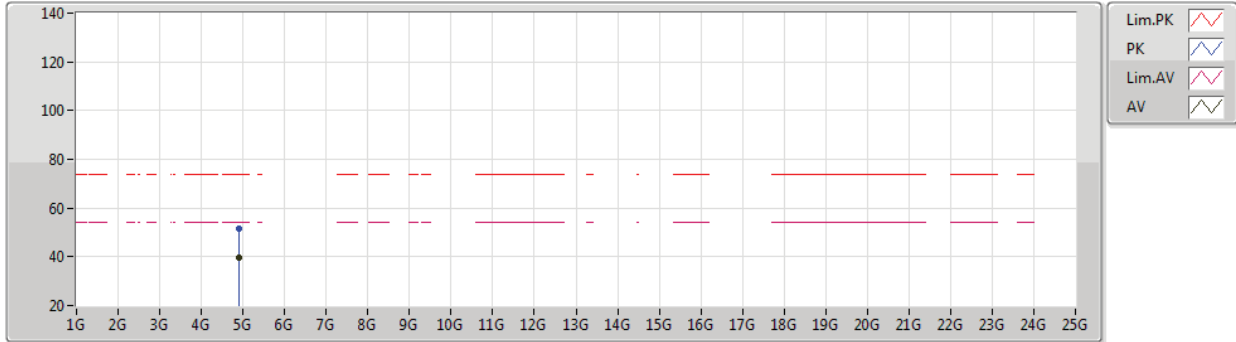
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 47.07 | 54.00 | -6.93 | 34.97 | 3 | Horizontal | 146 | 1.37 | - | 12.10 | 27.64 | 7.33 | - |
| AV | 2.4556G | 105.63 | Inf | -Inf | 34.90 | 3 | Horizontal | 146 | 1.37 | - | 70.73 | 27.54 | 7.36 | - |
| AV | 2.484G | 48.43 | 54.00 | -5.57 | 34.89 | 3 | Horizontal | 146 | 1.37 | - | 13.54 | 27.52 | 7.37 | - |
| PK | 2.3812G | 59.78 | 74.00 | -14.22 | 35.01 | 3 | Horizontal | 146 | 1.37 | - | 24.77 | 27.68 | 7.33 | - |
| PK | 2.4556G | 117.90 | Inf | -Inf | 34.90 | 3 | Horizontal | 146 | 1.37 | - | 83.00 | 27.54 | 7.36 | - |
| PK | 2.4848G | 61.11 | 74.00 | -12.89 | 34.89 | 3 | Horizontal | 146 | 1.37 | - | 26.22 | 27.52 | 7.37 | - |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



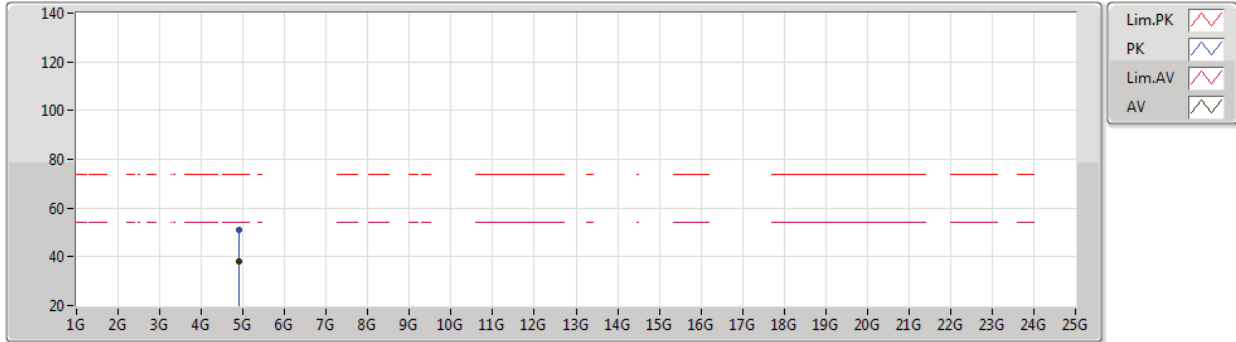
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9171G | 39.52 | 54.00 | -14.48 | 7.13 | 3 | Vertical | 129 | 1.63 | - | 32.39 | 31.17 | 10.01 | 34.05 |
| PK | 4.9174G | 51.74 | 74.00 | -22.26 | 7.13 | 3 | Vertical | 129 | 1.63 | - | 44.61 | 31.17 | 10.01 | 34.05 |



802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

2452MHz_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9188G | 38.20 | 54.00 | -15.80 | 7.14 | 3 | Horizontal | 272 | 1.50 | - | 31.06 | 31.18 | 10.01 | 34.05 |
| PK | 4.8995G | 50.86 | 74.00 | -23.14 | 7.05 | 3 | Horizontal | 272 | 1.50 | - | 43.81 | 31.10 | 10.00 | 34.05 |

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Remark :

Page No. : F107 of F107

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass | PK | 35.82M | 35.35 | 40.00 | -4.65 | 3 | Vertical | 360 | 1.00 | - |



Result

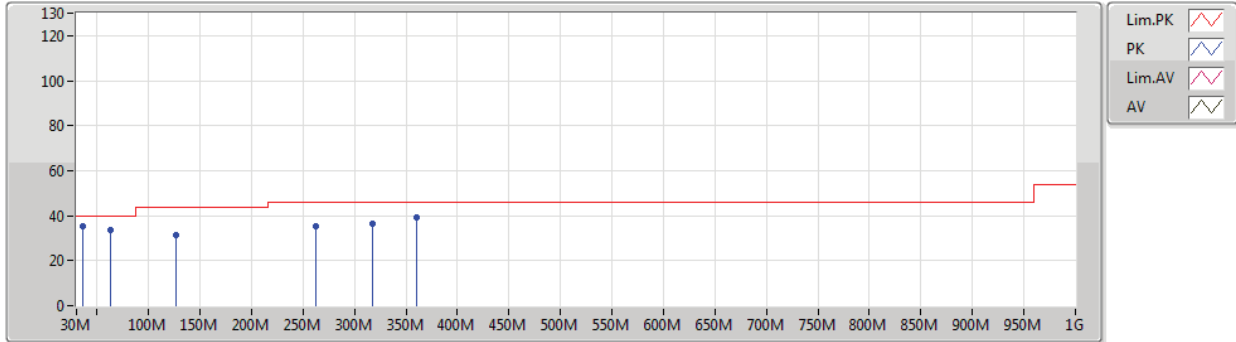
| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2437MHz | Pass | PK | 35.82M | 35.35 | 40.00 | -4.65 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 62.98M | 33.50 | 40.00 | -6.50 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 127M | 31.43 | 43.50 | -12.07 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 262.8M | 35.14 | 46.00 | -10.86 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 317.12M | 36.27 | 46.00 | -9.73 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 359.8M | 39.43 | 46.00 | -6.57 | 3 | Vertical | 360 | 1.00 | - |
| 2437MHz | Pass | PK | 80.44M | 30.76 | 40.00 | -9.24 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 101.78M | 30.83 | 43.50 | -12.67 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 181.32M | 29.85 | 43.50 | -13.65 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 264.74M | 36.05 | 46.00 | -9.95 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 282.2M | 36.46 | 46.00 | -9.54 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 321M | 34.46 | 46.00 | -11.54 | 3 | Horizontal | 0 | 1.00 | - |



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

20/05/2020

2437MHz_Adapter



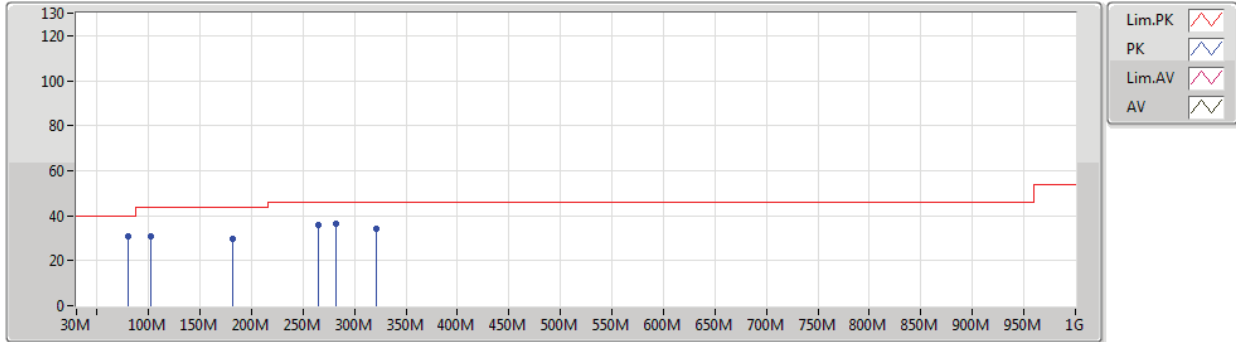
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK | 35.82M | 35.35 | 40.00 | -4.65 | -16.16 | 3 | Vertical | 360 | 1.00 | - | 51.51 | 20.67 | 0.42 | 37.25 |
| PK | 62.98M | 33.50 | 40.00 | -6.50 | -25.64 | 3 | Vertical | 360 | 1.00 | - | 59.14 | 10.82 | 0.60 | 37.06 |
| PK | 127M | 31.43 | 43.50 | -12.07 | -19.10 | 3 | Vertical | 360 | 1.00 | - | 50.53 | 16.67 | 0.83 | 36.60 |
| PK | 262.8M | 35.14 | 46.00 | -10.86 | -16.12 | 3 | Vertical | 360 | 1.00 | - | 51.26 | 18.98 | 1.33 | 36.43 |
| PK | 317.12M | 36.27 | 46.00 | -9.73 | -16.62 | 3 | Vertical | 360 | 1.00 | - | 52.89 | 18.45 | 1.43 | 36.50 |
| PK | 359.8M | 39.43 | 46.00 | -6.57 | -15.30 | 3 | Vertical | 360 | 1.00 | - | 54.73 | 19.73 | 1.54 | 36.57 |



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

20/05/2020

2437MHz_Adapter



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK | 80.44M | 30.76 | 40.00 | -9.24 | -23.60 | 3 | Horizontal | 0 | 1.00 | - | 54.36 | 12.52 | 0.70 | 36.82 |
| PK | 101.78M | 30.83 | 43.50 | -12.67 | -20.64 | 3 | Horizontal | 0 | 1.00 | - | 51.47 | 15.15 | 0.80 | 36.59 |
| PK | 181.32M | 29.85 | 43.50 | -13.65 | -21.24 | 3 | Horizontal | 0 | 1.00 | - | 51.09 | 14.06 | 1.10 | 36.40 |
| PK | 264.74M | 36.05 | 46.00 | -9.95 | -16.31 | 3 | Horizontal | 0 | 1.00 | - | 52.36 | 18.79 | 1.33 | 36.43 |
| PK | 282.2M | 36.46 | 46.00 | -9.54 | -17.18 | 3 | Horizontal | 0 | 1.00 | - | 53.64 | 17.92 | 1.36 | 36.46 |
| PK | 321M | 34.46 | 46.00 | -11.54 | -16.54 | 3 | Horizontal | 0 | 1.00 | - | 51.00 | 18.53 | 1.44 | 36.51 |

Remark :

Page No. : F4 of F4

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | Pass | AV | 2.4836G | 47.32 | 54.00 | -6.68 | 3 | Vertical | 53 | 2.97 | - |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass | AV | 2.4852G | 49.60 | 54.00 | -4.40 | 3 | Vertical | 78 | 1.50 | - |



Result

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.39G | 46.65 | 54.00 | -7.35 | 3 | Vertical | 76 | 2.99 | - |
| 2412MHz | Pass | AV | 2.4208G | 111.24 | Inf | -Inf | 3 | Vertical | 76 | 2.99 | - |
| 2412MHz | Pass | PK | 2.39G | 63.09 | 74.00 | -10.91 | 3 | Vertical | 76 | 2.99 | - |
| 2412MHz | Pass | PK | 2.4178G | 121.97 | Inf | -Inf | 3 | Vertical | 76 | 2.99 | - |
| 2412MHz | Pass | AV | 2.39G | 45.86 | 54.00 | -8.14 | 3 | Horizontal | 201 | 1.50 | - |
| 2412MHz | Pass | AV | 2.42G | 110.05 | Inf | -Inf | 3 | Horizontal | 201 | 1.50 | - |
| 2412MHz | Pass | PK | 2.3852G | 58.08 | 74.00 | -15.92 | 3 | Horizontal | 201 | 1.50 | - |
| 2412MHz | Pass | PK | 2.418G | 121.40 | Inf | -Inf | 3 | Horizontal | 201 | 1.50 | - |
| 2412MHz | Pass | AV | 4.81842G | 40.60 | 54.00 | -13.40 | 3 | Vertical | 58 | 2.11 | - |
| 2412MHz | Pass | PK | 4.81236G | 58.87 | 74.00 | -15.13 | 3 | Vertical | 58 | 2.11 | - |
| 2412MHz | Pass | AV | 4.8111G | 42.15 | 54.00 | -11.85 | 3 | Horizontal | 231 | 1.50 | - |
| 2412MHz | Pass | PK | 4.81266G | 55.04 | 74.00 | -18.96 | 3 | Horizontal | 231 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3522G | 45.48 | 54.00 | -8.52 | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4398G | 110.84 | Inf | -Inf | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | AV | 2.4966G | 45.87 | 54.00 | -8.13 | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | PK | 2.3546G | 57.99 | 74.00 | -16.01 | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4422G | 122.74 | Inf | -Inf | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | PK | 2.4966G | 58.25 | 74.00 | -15.75 | 3 | Vertical | 83 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3674G | 45.53 | 54.00 | -8.47 | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | AV | 2.4294G | 110.62 | Inf | -Inf | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | AV | 2.4954G | 45.84 | 54.00 | -8.16 | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | PK | 2.3794G | 58.10 | 74.00 | -15.90 | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | PK | 2.429G | 121.70 | Inf | -Inf | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | PK | 2.4906G | 58.82 | 74.00 | -15.18 | 3 | Horizontal | 198 | 1.49 | - |
| 2437MHz | Pass | AV | 4.87472G | 38.01 | 54.00 | -15.99 | 3 | Vertical | 15 | 1.35 | - |
| 2437MHz | Pass | PK | 4.88276G | 51.53 | 74.00 | -22.47 | 3 | Vertical | 15 | 1.35 | - |
| 2437MHz | Pass | AV | 4.87304G | 37.60 | 54.00 | -16.40 | 3 | Horizontal | 222 | 1.47 | - |
| 2437MHz | Pass | PK | 4.87586G | 51.03 | 74.00 | -22.97 | 3 | Horizontal | 222 | 1.47 | - |
| 2462MHz | Pass | AV | 2.4546G | 110.52 | Inf | -Inf | 3 | Vertical | 53 | 2.97 | - |
| 2462MHz | Pass | AV | 2.4836G | 47.32 | 54.00 | -6.68 | 3 | Vertical | 53 | 2.97 | - |
| 2462MHz | Pass | PK | 2.454G | 122.26 | Inf | -Inf | 3 | Vertical | 53 | 2.97 | - |
| 2462MHz | Pass | PK | 2.4835G | 59.28 | 74.00 | -14.72 | 3 | Vertical | 53 | 2.97 | - |
| 2462MHz | Pass | AV | 2.458G | 111.73 | Inf | -Inf | 3 | Horizontal | 203 | 1.36 | - |
| 2462MHz | Pass | AV | 2.4836G | 46.27 | 54.00 | -7.73 | 3 | Horizontal | 203 | 1.36 | - |
| 2462MHz | Pass | PK | 2.4588G | 122.78 | Inf | -Inf | 3 | Horizontal | 203 | 1.36 | - |
| 2462MHz | Pass | PK | 2.4838G | 57.95 | 74.00 | -16.05 | 3 | Horizontal | 203 | 1.36 | - |
| 2462MHz | Pass | AV | 4.93102G | 42.76 | 54.00 | -11.24 | 3 | Vertical | 53 | 2.28 | - |
| 2462MHz | Pass | PK | 4.92928G | 56.66 | 74.00 | -17.34 | 3 | Vertical | 53 | 2.28 | - |
| 2462MHz | Pass | AV | 4.92808G | 42.47 | 54.00 | -11.53 | 3 | Horizontal | 285 | 2.20 | - |
| 2462MHz | Pass | PK | 4.9291G | 56.06 | 74.00 | -17.94 | 3 | Horizontal | 285 | 2.20 | - |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | AV | 2.3824G | 46.01 | 54.00 | -7.99 | 3 | Vertical | 51 | 1.49 | - |
| 2422MHz | Pass | AV | 2.426G | 108.27 | Inf | -Inf | 3 | Vertical | 51 | 1.49 | - |
| 2422MHz | Pass | AV | 2.4964G | 45.40 | 54.00 | -8.60 | 3 | Vertical | 51 | 1.49 | - |
| 2422MHz | Pass | PK | 2.3844G | 60.81 | 74.00 | -13.19 | 3 | Vertical | 51 | 1.49 | - |
| 2422MHz | Pass | PK | 2.4052G | 120.77 | Inf | -Inf | 3 | Vertical | 51 | 1.49 | - |
| 2422MHz | Pass | PK | 2.498G | 57.96 | 74.00 | -16.04 | 3 | Vertical | 51 | 1.49 | - |

Remark :

Page No. : F2 of F27

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2422MHz | Pass | AV | 2.3852G | 45.04 | 54.00 | -8.96 | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4384G | 101.96 | Inf | -Inf | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | AV | 2.4876G | 45.46 | 54.00 | -8.54 | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | PK | 2.3732G | 58.43 | 74.00 | -15.57 | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | PK | 2.434G | 114.53 | Inf | -Inf | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | PK | 2.4872G | 58.10 | 74.00 | -15.90 | 3 | Horizontal | 94 | 1.50 | - |
| 2422MHz | Pass | AV | 4.828G | 35.69 | 54.00 | -18.31 | 3 | Vertical | 194 | 1.50 | - |
| 2422MHz | Pass | PK | 4.822G | 48.92 | 74.00 | -25.08 | 3 | Vertical | 194 | 1.50 | - |
| 2422MHz | Pass | AV | 4.8222G | 37.83 | 54.00 | -16.17 | 3 | Horizontal | 231 | 1.50 | - |
| 2422MHz | Pass | PK | 4.8202G | 52.32 | 74.00 | -21.68 | 3 | Horizontal | 231 | 1.50 | - |
| 2437MHz | Pass | AV | 2.3834G | 45.52 | 54.00 | -8.48 | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | AV | 2.4302G | 109.68 | Inf | -Inf | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | AV | 2.485G | 45.96 | 54.00 | -8.04 | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | PK | 2.379G | 58.04 | 74.00 | -15.96 | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | PK | 2.4294G | 121.88 | Inf | -Inf | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | PK | 2.4842G | 58.20 | 74.00 | -15.80 | 3 | Vertical | 62 | 2.28 | - |
| 2437MHz | Pass | AV | 2.3846G | 45.03 | 54.00 | -8.97 | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | AV | 2.4418G | 107.33 | Inf | -Inf | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | AV | 2.4835G | 45.92 | 54.00 | -8.08 | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | PK | 2.3834G | 58.02 | 74.00 | -15.98 | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | PK | 2.4406G | 120.53 | Inf | -Inf | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | PK | 2.4846G | 58.24 | 74.00 | -15.76 | 3 | Horizontal | 197 | 1.45 | - |
| 2437MHz | Pass | AV | 4.8701G | 37.15 | 54.00 | -16.85 | 3 | Vertical | 40 | 2.39 | - |
| 2437MHz | Pass | PK | 4.8794G | 51.63 | 74.00 | -22.37 | 3 | Vertical | 40 | 2.39 | - |
| 2437MHz | Pass | AV | 4.85948G | 35.25 | 54.00 | -18.75 | 3 | Horizontal | 276 | 2.19 | - |
| 2437MHz | Pass | PK | 4.88192G | 48.48 | 74.00 | -25.52 | 3 | Horizontal | 276 | 2.19 | - |
| 2452MHz | Pass | AV | 2.3568G | 45.10 | 54.00 | -8.90 | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4676G | 107.70 | Inf | -Inf | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | AV | 2.4852G | 49.60 | 54.00 | -4.40 | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | PK | 2.3672G | 57.92 | 74.00 | -16.08 | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | PK | 2.4592G | 120.41 | Inf | -Inf | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | PK | 2.484G | 62.65 | 74.00 | -11.35 | 3 | Vertical | 78 | 1.50 | - |
| 2452MHz | Pass | AV | 2.3552G | 45.04 | 54.00 | -8.96 | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | AV | 2.4396G | 106.82 | Inf | -Inf | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | AV | 2.4844G | 47.91 | 54.00 | -6.09 | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | PK | 2.3664G | 57.65 | 74.00 | -16.35 | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | PK | 2.4384G | 119.02 | Inf | -Inf | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | PK | 2.4848G | 63.45 | 74.00 | -10.55 | 3 | Horizontal | 227 | 2.82 | - |
| 2452MHz | Pass | AV | 4.9213G | 35.12 | 54.00 | -18.88 | 3 | Vertical | 24 | 1.33 | - |
| 2452MHz | Pass | PK | 4.8841G | 52.08 | 74.00 | -21.92 | 3 | Vertical | 24 | 1.33 | - |
| 2452MHz | Pass | AV | 4.9164G | 35.95 | 54.00 | -18.05 | 3 | Horizontal | 0 | 1.33 | - |
| 2452MHz | Pass | PK | 4.8867G | 51.67 | 74.00 | -22.33 | 3 | Horizontal | 0 | 1.33 | - |

Remark :

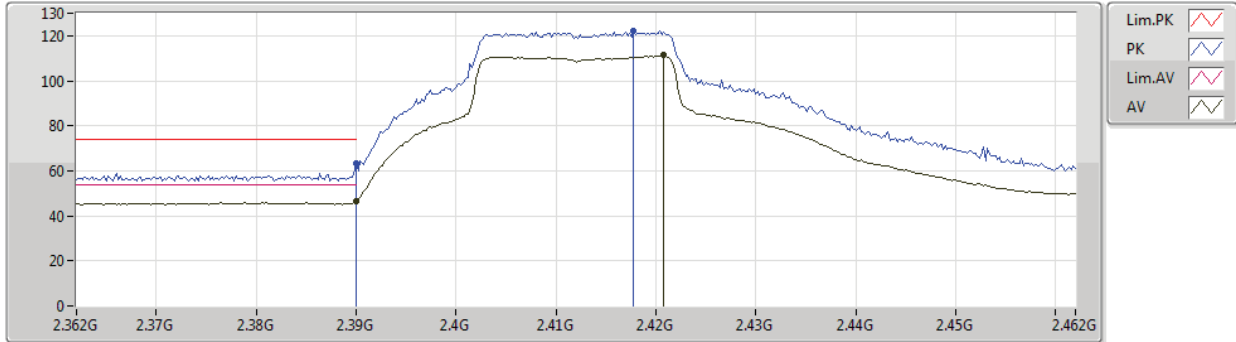
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/05/2020

2412MHz_TX



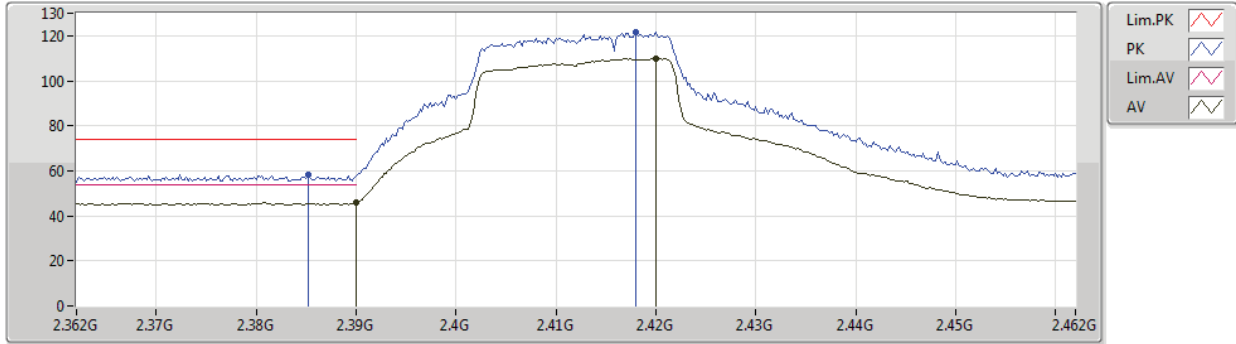
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 46.65 | 54.00 | -7.35 | 32.72 | 3 | Vertical | 76 | 2.99 | - | 13.93 | 27.64 | 5.08 | - |
| AV | 2.4208G | 111.24 | Inf | -Inf | 32.71 | 3 | Vertical | 76 | 2.99 | - | 78.53 | 27.58 | 5.13 | - |
| PK | 2.39G | 63.09 | 74.00 | -10.91 | 32.72 | 3 | Vertical | 76 | 2.99 | - | 30.37 | 27.64 | 5.08 | - |
| PK | 2.4178G | 121.97 | Inf | -Inf | 32.71 | 3 | Vertical | 76 | 2.99 | - | 89.26 | 27.58 | 5.13 | - |



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/05/2020

2412MHz_TX



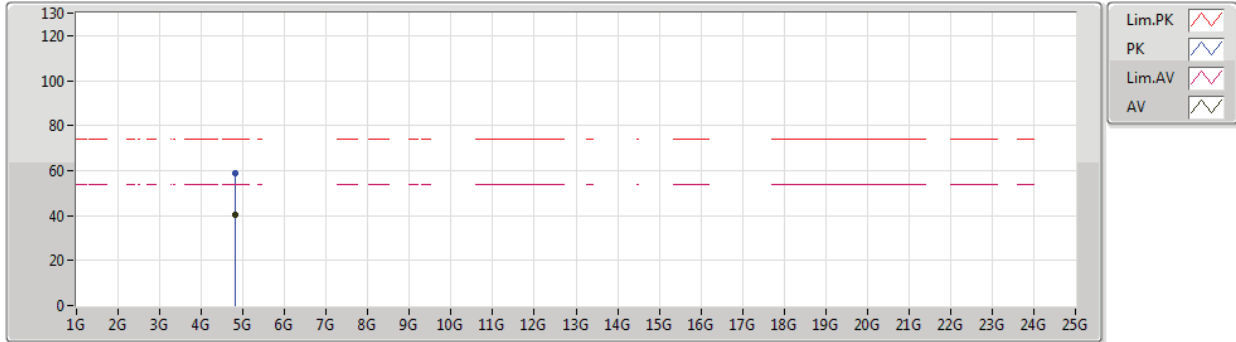
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.39G | 45.86 | 54.00 | -8.14 | 32.72 | 3 | Horizontal | 201 | 1.50 | - | 13.14 | 27.64 | 5.08 | - |
| AV | 2.42G | 110.05 | Inf | -Inf | 32.71 | 3 | Horizontal | 201 | 1.50 | - | 77.34 | 27.58 | 5.13 | - |
| PK | 2.3852G | 58.08 | 74.00 | -15.92 | 32.73 | 3 | Horizontal | 201 | 1.50 | - | 25.35 | 27.66 | 5.07 | - |
| PK | 2.418G | 121.40 | Inf | -Inf | 32.71 | 3 | Horizontal | 201 | 1.50 | - | 88.69 | 27.58 | 5.13 | - |



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

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2412MHz_TX



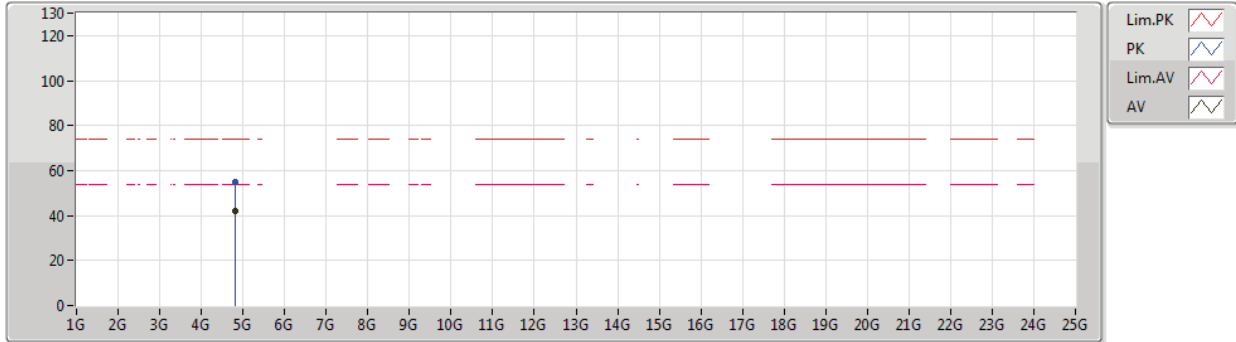
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.81842G | 40.60 | 54.00 | -13.40 | 4.37 | 3 | Vertical | 58 | 2.11 | - | 36.23 | 31.10 | 7.32 | 34.05 |
| PK | 4.81236G | 58.87 | 74.00 | -15.13 | 4.36 | 3 | Vertical | 58 | 2.11 | - | 54.51 | 31.10 | 7.31 | 34.05 |



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2412MHz_TX



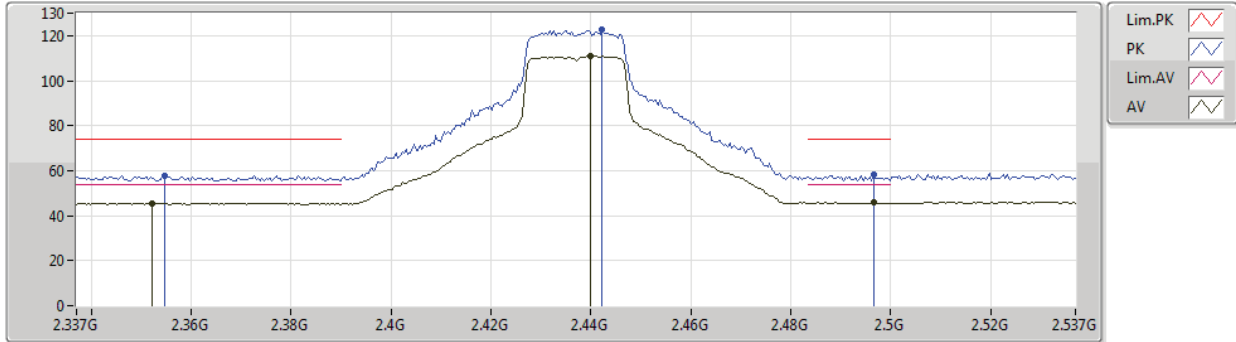
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8111G | 42.15 | 54.00 | -11.85 | 4.36 | 3 | Horizontal | 231 | 1.50 | - | 37.79 | 31.10 | 7.31 | 34.05 |
| PK | 4.81266G | 55.04 | 74.00 | -18.96 | 4.36 | 3 | Horizontal | 231 | 1.50 | - | 50.68 | 31.10 | 7.31 | 34.05 |



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

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2437MHz_TX

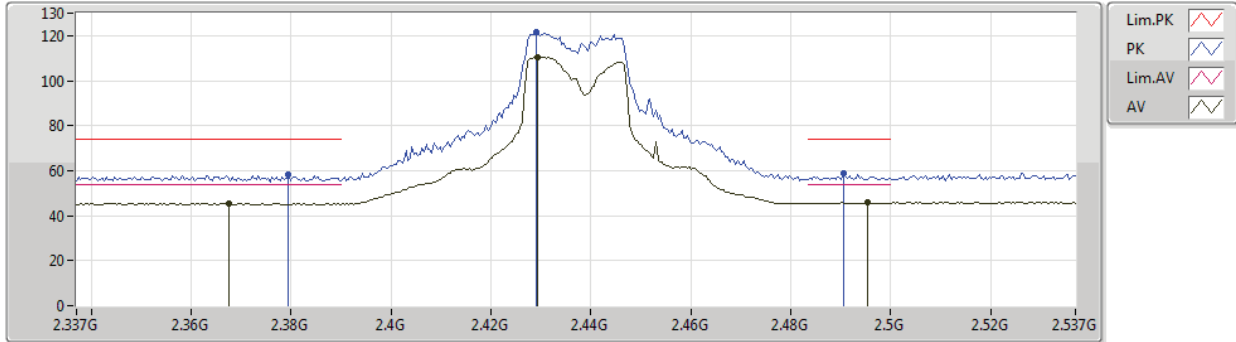


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3522G | 45.48 | 54.00 | -8.52 | 32.79 | 3 | Vertical | 83 | 1.50 | - | 12.69 | 27.79 | 5.00 | - |
| AV | 2.4398G | 110.84 | Inf | -Inf | 32.72 | 3 | Vertical | 83 | 1.50 | - | 78.12 | 27.56 | 5.16 | - |
| AV | 2.4966G | 45.87 | 54.00 | -8.13 | 32.74 | 3 | Vertical | 83 | 1.50 | - | 13.13 | 27.50 | 5.24 | - |
| PK | 2.3546G | 57.99 | 74.00 | -16.01 | 32.79 | 3 | Vertical | 83 | 1.50 | - | 25.20 | 27.78 | 5.01 | - |
| PK | 2.4422G | 122.74 | Inf | -Inf | 32.72 | 3 | Vertical | 83 | 1.50 | - | 90.02 | 27.56 | 5.16 | - |
| PK | 2.4966G | 58.25 | 74.00 | -15.75 | 32.74 | 3 | Vertical | 83 | 1.50 | - | 25.51 | 27.50 | 5.24 | - |



802.11ax HEW20-BF_Nss1,(MCS0)_4TX
2437MHz_TX

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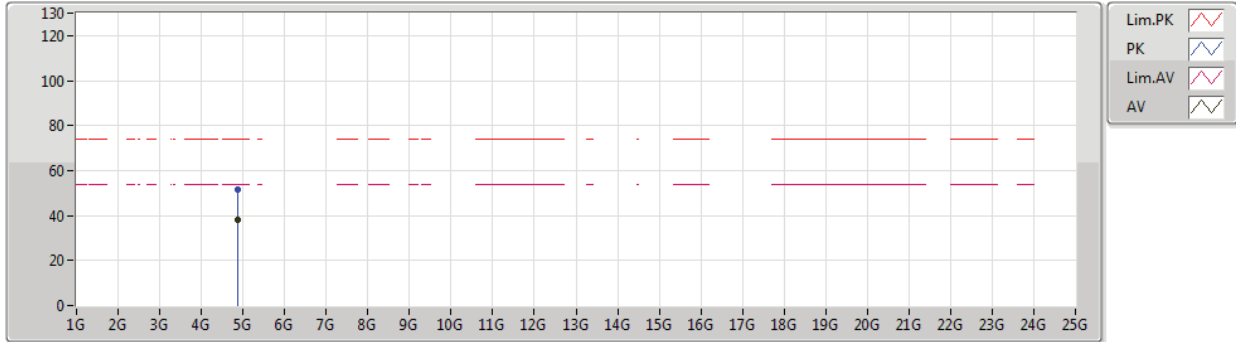
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3674G | 45.53 | 54.00 | -8.47 | 32.76 | 3 | Horizontal | 198 | 1.49 | - | 12.77 | 27.73 | 5.03 | - |
| AV | 2.4294G | 110.62 | Inf | -Inf | 32.71 | 3 | Horizontal | 198 | 1.49 | - | 77.91 | 27.57 | 5.14 | - |
| AV | 2.4954G | 45.84 | 54.00 | -8.16 | 32.74 | 3 | Horizontal | 198 | 1.49 | - | 13.10 | 27.50 | 5.24 | - |
| PK | 2.3794G | 58.10 | 74.00 | -15.90 | 32.74 | 3 | Horizontal | 198 | 1.49 | - | 25.36 | 27.68 | 5.06 | - |
| PK | 2.429G | 121.70 | Inf | -Inf | 32.71 | 3 | Horizontal | 198 | 1.49 | - | 88.99 | 27.57 | 5.14 | - |
| PK | 2.4906G | 58.82 | 74.00 | -15.18 | 32.75 | 3 | Horizontal | 198 | 1.49 | - | 26.07 | 27.51 | 5.24 | - |



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2437MHz_TX



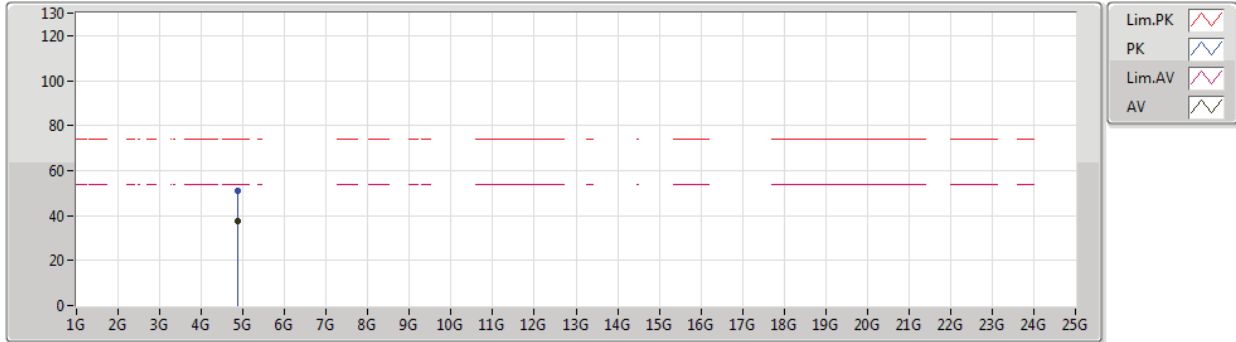
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV | 4.87472G | 38.01 | 54.00 | -15.99 | 4.42 | 3 | Vertical | 15 | 1.35 | - | 33.59 | 31.10 | 7.37 | 34.05 |
| PK | 4.88276G | 51.53 | 74.00 | -22.47 | 4.43 | 3 | Vertical | 15 | 1.35 | - | 47.10 | 31.10 | 7.38 | 34.05 |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.87304G | 37.60 | 54.00 | -16.40 | 4.42 | 3 | Horizontal | 222 | 1.47 | - | 33.18 | 31.10 | 7.37 | 34.05 |
| PK | 4.87586G | 51.03 | 74.00 | -22.97 | 4.43 | 3 | Horizontal | 222 | 1.47 | - | 46.60 | 31.10 | 7.38 | 34.05 |

Remark :

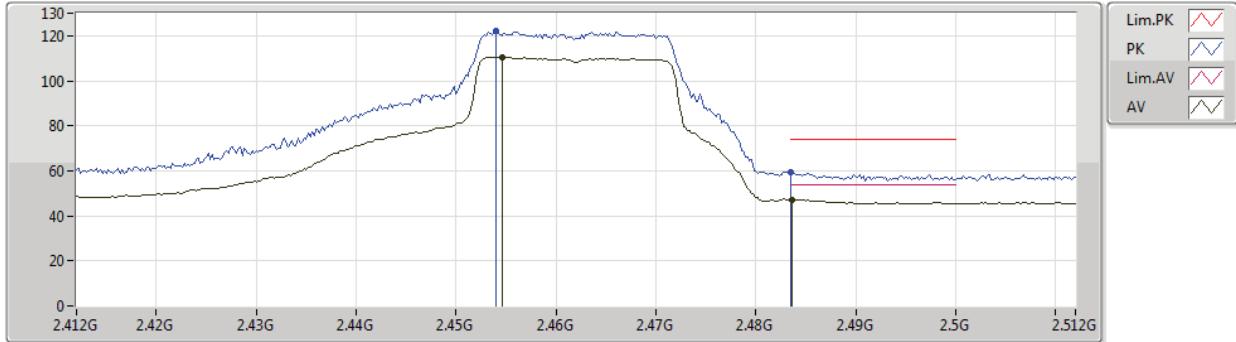
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



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12/05/2020

2462MHz_TX



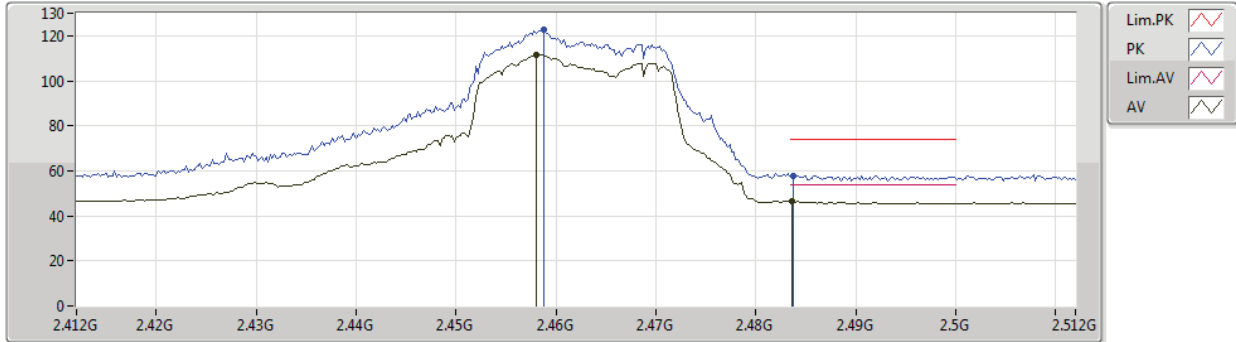
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.4546G | 110.52 | Inf | -Inf | 32.73 | 3 | Vertical | 53 | 2.97 | - | 77.79 | 27.55 | 5.18 | - |
| AV | 2.4836G | 47.32 | 54.00 | -6.68 | 32.75 | 3 | Vertical | 53 | 2.97 | - | 14.57 | 27.52 | 5.23 | - |
| PK | 2.454G | 122.26 | Inf | -Inf | 32.73 | 3 | Vertical | 53 | 2.97 | - | 89.53 | 27.55 | 5.18 | - |
| PK | 2.4835G | 59.28 | 74.00 | -14.72 | 32.75 | 3 | Vertical | 53 | 2.97 | - | 26.53 | 27.52 | 5.23 | - |



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2462MHz_TX



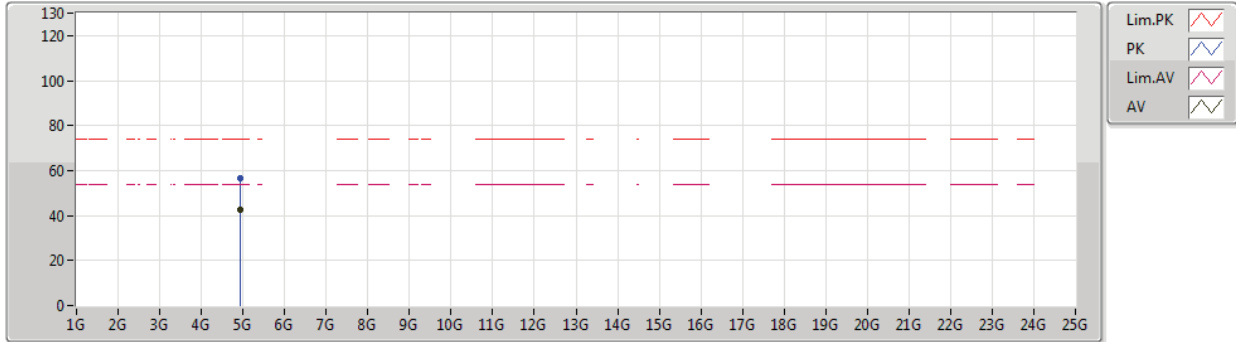
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.458G | 111.73 | Inf | -Inf | 32.73 | 3 | Horizontal | 203 | 1.36 | - | 79.00 | 27.54 | 5.19 | - |
| AV | 2.4836G | 46.27 | 54.00 | -7.73 | 32.75 | 3 | Horizontal | 203 | 1.36 | - | 13.52 | 27.52 | 5.23 | - |
| PK | 2.4588G | 122.78 | Inf | -Inf | 32.73 | 3 | Horizontal | 203 | 1.36 | - | 90.05 | 27.54 | 5.19 | - |
| PK | 2.4838G | 57.95 | 74.00 | -16.05 | 32.75 | 3 | Horizontal | 203 | 1.36 | - | 25.20 | 27.52 | 5.23 | - |



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2462MHz_TX



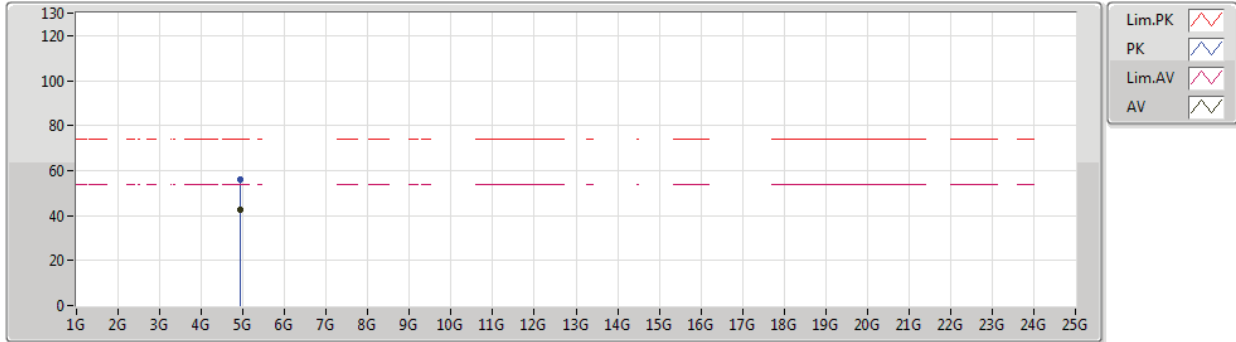
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.93102G | 42.76 | 54.00 | -11.24 | 4.60 | 3 | Vertical | 53 | 2.28 | - | 38.16 | 31.22 | 7.43 | 34.05 |
| PK | 4.92928G | 56.66 | 74.00 | -17.34 | 4.60 | 3 | Vertical | 53 | 2.28 | - | 52.06 | 31.22 | 7.43 | 34.05 |



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/05/2020

2462MHz_TX



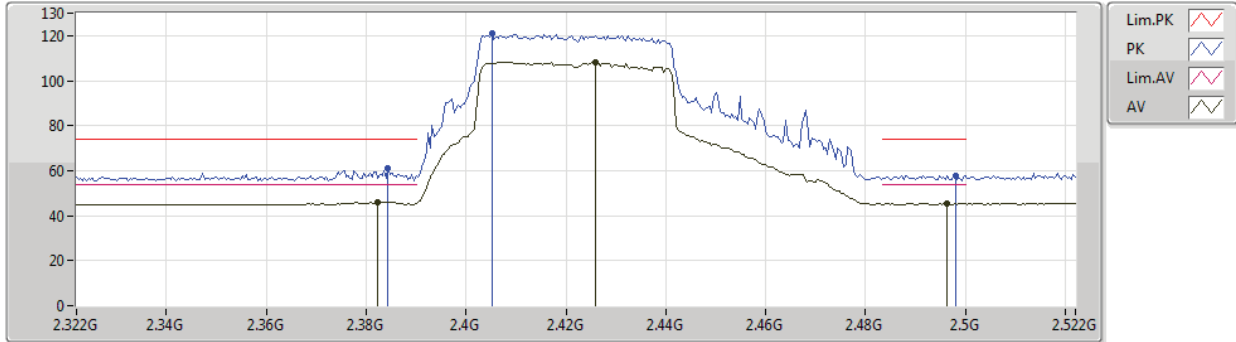
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.92808G | 42.47 | 54.00 | -11.53 | 4.59 | 3 | Horizontal | 285 | 2.20 | - | 37.88 | 31.21 | 7.43 | 34.05 |
| PK | 4.9291G | 56.06 | 74.00 | -17.94 | 4.60 | 3 | Horizontal | 285 | 2.20 | - | 51.46 | 31.22 | 7.43 | 34.05 |



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12/05/2020

2422MHz_TX



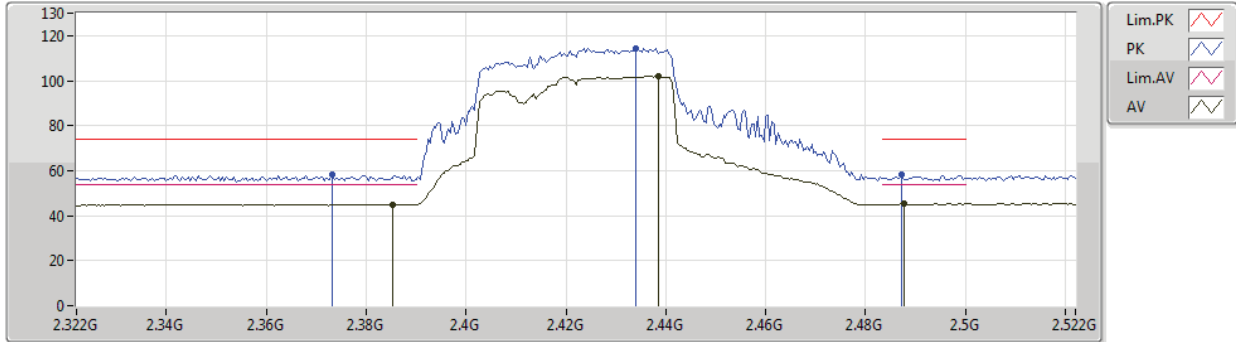
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3824G | 46.01 | 54.00 | -7.99 | 32.73 | 3 | Vertical | 51 | 1.49 | - | 13.28 | 27.67 | 5.06 | - |
| AV | 2.426G | 108.27 | Inf | -Inf | 32.71 | 3 | Vertical | 51 | 1.49 | - | 75.56 | 27.57 | 5.14 | - |
| AV | 2.4964G | 45.40 | 54.00 | -8.60 | 32.74 | 3 | Vertical | 51 | 1.49 | - | 12.66 | 27.50 | 5.24 | - |
| PK | 2.3844G | 60.81 | 74.00 | -13.19 | 32.73 | 3 | Vertical | 51 | 1.49 | - | 28.08 | 27.66 | 5.07 | - |
| PK | 2.4052G | 120.77 | Inf | -Inf | 32.70 | 3 | Vertical | 51 | 1.49 | - | 88.07 | 27.59 | 5.11 | - |
| PK | 2.498G | 57.96 | 74.00 | -16.04 | 32.75 | 3 | Vertical | 51 | 1.49 | - | 25.21 | 27.50 | 5.25 | - |



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2422MHz_TX



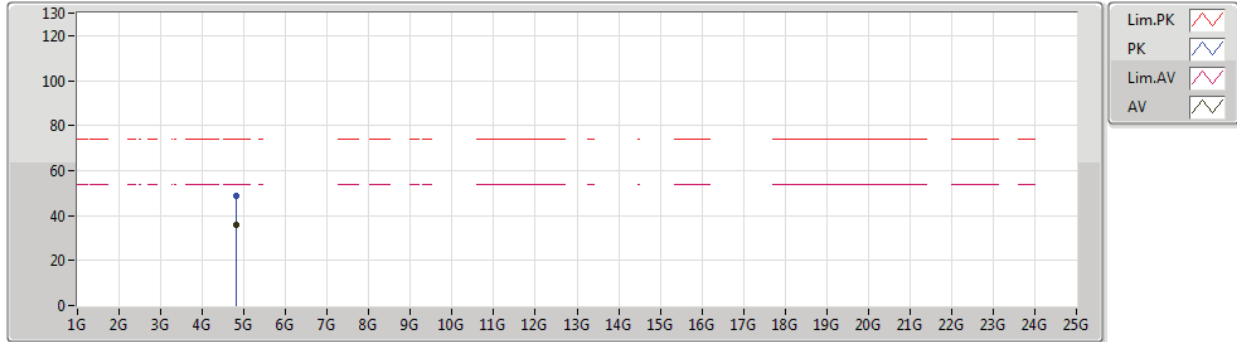
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3852G | 45.04 | 54.00 | -8.96 | 32.73 | 3 | Horizontal | 94 | 1.50 | - | 12.31 | 27.66 | 5.07 | - |
| AV | 2.4384G | 101.96 | Inf | -Inf | 32.72 | 3 | Horizontal | 94 | 1.50 | - | 69.24 | 27.56 | 5.16 | - |
| AV | 2.4876G | 45.46 | 54.00 | -8.54 | 32.74 | 3 | Horizontal | 94 | 1.50 | - | 12.72 | 27.51 | 5.23 | - |
| PK | 2.3732G | 58.43 | 74.00 | -15.57 | 32.76 | 3 | Horizontal | 94 | 1.50 | - | 25.67 | 27.71 | 5.05 | - |
| PK | 2.434G | 114.53 | Inf | -Inf | 32.72 | 3 | Horizontal | 94 | 1.50 | - | 81.81 | 27.57 | 5.15 | - |
| PK | 2.4872G | 58.10 | 74.00 | -15.90 | 32.74 | 3 | Horizontal | 94 | 1.50 | - | 25.36 | 27.51 | 5.23 | - |



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12/05/2020

2422MHz_TX



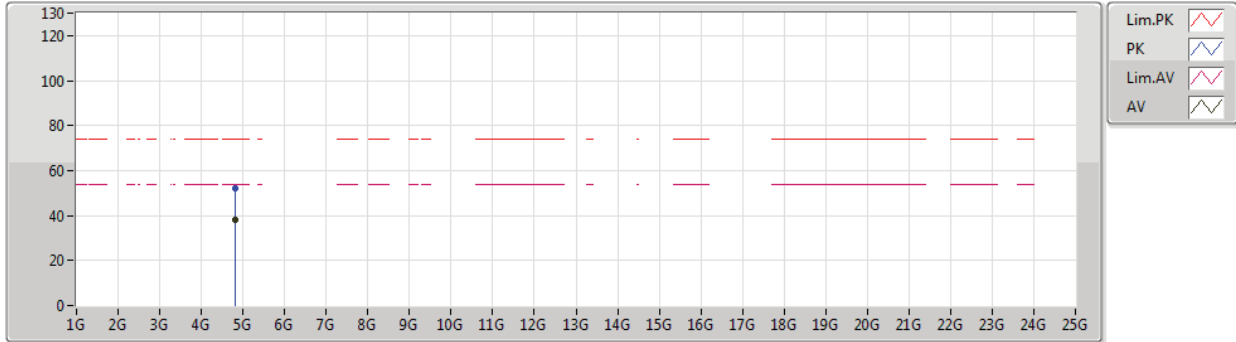
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.828G | 35.69 | 54.00 | -18.31 | 4.38 | 3 | Vertical | 194 | 1.50 | - | 31.31 | 31.10 | 7.33 | 34.05 |
| PK | 4.822G | 48.92 | 74.00 | -25.08 | 4.37 | 3 | Vertical | 194 | 1.50 | - | 44.55 | 31.10 | 7.32 | 34.05 |



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/05/2020

2422MHz_TX



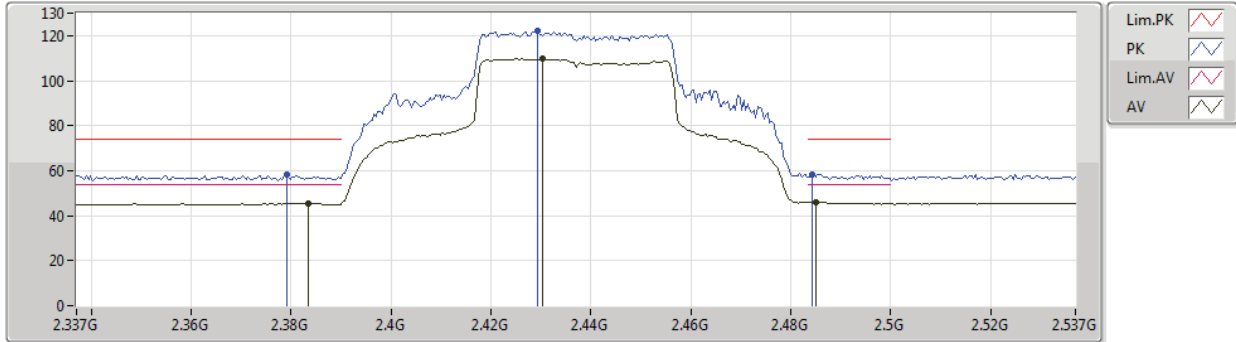
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8222G | 37.83 | 54.00 | -16.17 | 4.37 | 3 | Horizontal | 231 | 1.50 | - | 33.46 | 31.10 | 7.32 | 34.05 |
| PK | 4.8202G | 52.32 | 74.00 | -21.68 | 4.37 | 3 | Horizontal | 231 | 1.50 | - | 47.95 | 31.10 | 7.32 | 34.05 |



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

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2437MHz_TX

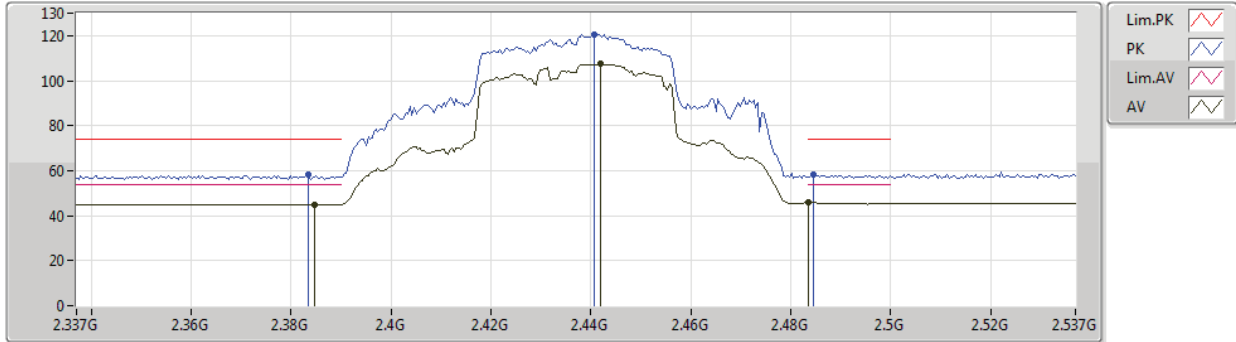


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3834G | 45.52 | 54.00 | -8.48 | 32.74 | 3 | Vertical | 62 | 2.28 | - | 12.78 | 27.67 | 5.07 | - |
| AV | 2.4302G | 109.68 | Inf | -Inf | 32.72 | 3 | Vertical | 62 | 2.28 | - | 76.96 | 27.57 | 5.15 | - |
| AV | 2.485G | 45.96 | 54.00 | -8.04 | 32.75 | 3 | Vertical | 62 | 2.28 | - | 13.21 | 27.52 | 5.23 | - |
| PK | 2.379G | 58.04 | 74.00 | -15.96 | 32.74 | 3 | Vertical | 62 | 2.28 | - | 25.30 | 27.68 | 5.06 | - |
| PK | 2.4294G | 121.88 | Inf | -Inf | 32.71 | 3 | Vertical | 62 | 2.28 | - | 89.17 | 27.57 | 5.14 | - |
| PK | 2.4842G | 58.20 | 74.00 | -15.80 | 32.75 | 3 | Vertical | 62 | 2.28 | - | 25.45 | 27.52 | 5.23 | - |



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
2437MHz_TX

12/05/2020



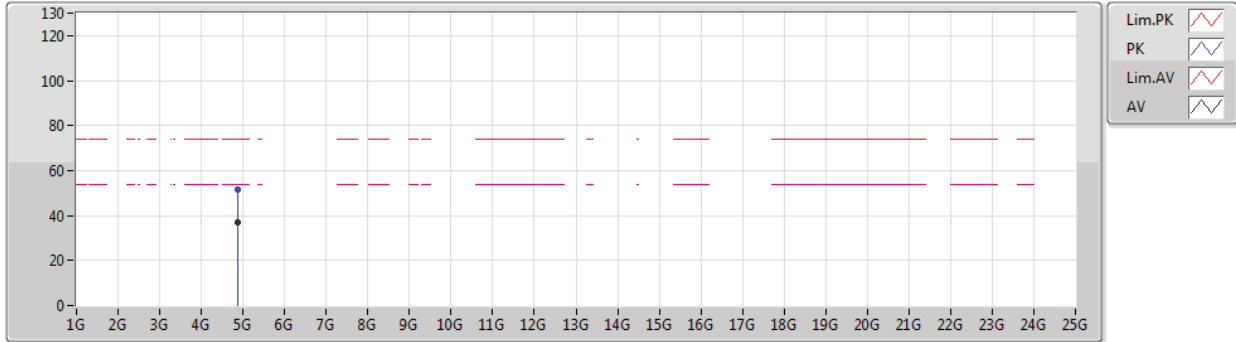
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3846G | 45.03 | 54.00 | -8.97 | 32.73 | 3 | Horizontal | 197 | 1.45 | - | 12.30 | 27.66 | 5.07 | - |
| AV | 2.4418G | 107.33 | Inf | -Inf | 32.72 | 3 | Horizontal | 197 | 1.45 | - | 74.61 | 27.56 | 5.16 | - |
| AV | 2.4835G | 45.92 | 54.00 | -8.08 | 32.75 | 3 | Horizontal | 197 | 1.45 | - | 13.17 | 27.52 | 5.23 | - |
| PK | 2.3834G | 58.02 | 74.00 | -15.98 | 32.74 | 3 | Horizontal | 197 | 1.45 | - | 25.28 | 27.67 | 5.07 | - |
| PK | 2.4406G | 120.53 | Inf | -Inf | 32.72 | 3 | Horizontal | 197 | 1.45 | - | 87.81 | 27.56 | 5.16 | - |
| PK | 2.4846G | 58.24 | 74.00 | -15.76 | 32.75 | 3 | Horizontal | 197 | 1.45 | - | 25.49 | 27.52 | 5.23 | - |



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2437MHz_TX



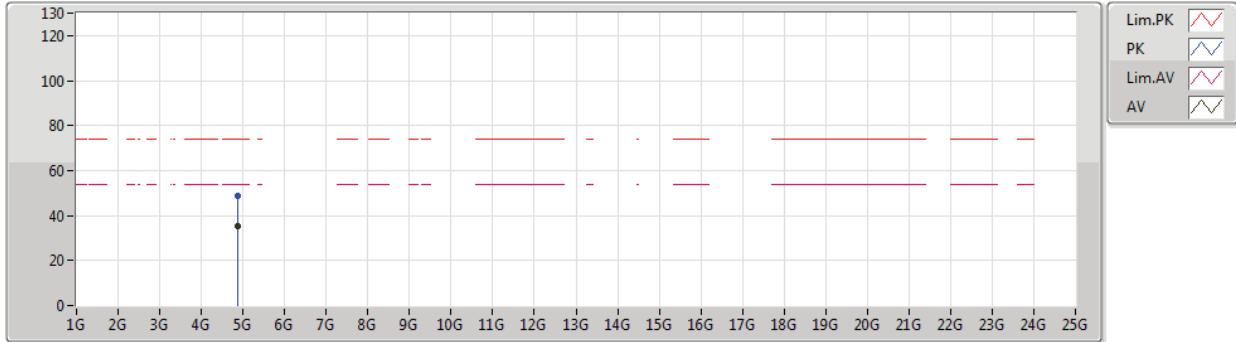
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.8701G | 37.15 | 54.00 | -16.85 | 4.42 | 3 | Vertical | 40 | 2.39 | - | 32.73 | 31.10 | 7.37 | 34.05 |
| PK | 4.8794G | 51.63 | 74.00 | -22.37 | 4.43 | 3 | Vertical | 40 | 2.39 | - | 47.20 | 31.10 | 7.38 | 34.05 |



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2437MHz_TX



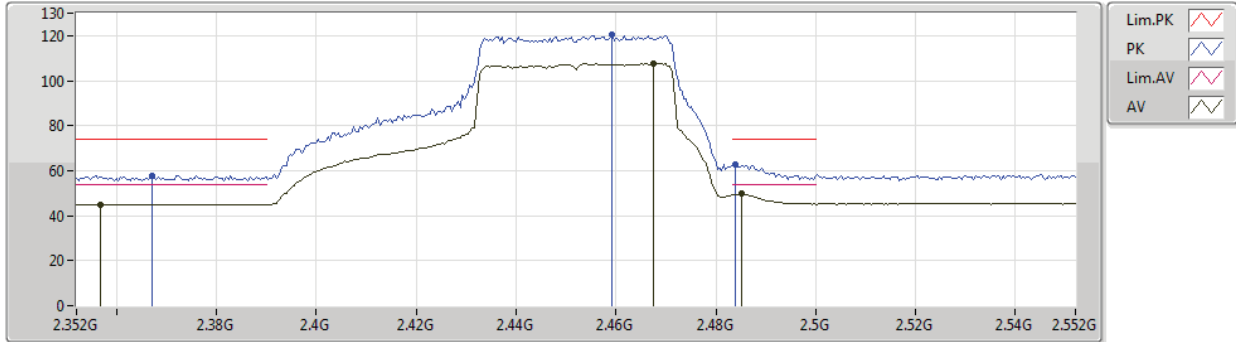
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.85948G | 35.25 | 54.00 | -18.75 | 4.41 | 3 | Horizontal | 276 | 2.19 | - | 30.84 | 31.10 | 7.36 | 34.05 |
| PK | 4.88192G | 48.48 | 74.00 | -25.52 | 4.43 | 3 | Horizontal | 276 | 2.19 | - | 44.05 | 31.10 | 7.38 | 34.05 |



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2452MHz_TX

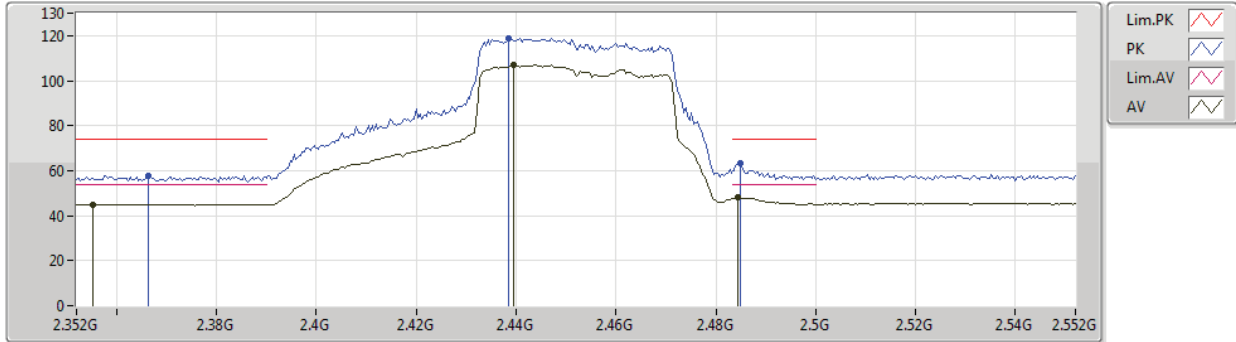


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3568G | 45.10 | 54.00 | -8.90 | 32.78 | 3 | Vertical | 78 | 1.50 | - | 12.32 | 27.77 | 5.01 | - |
| AV | 2.4676G | 107.70 | Inf | -Inf | 32.73 | 3 | Vertical | 78 | 1.50 | - | 74.97 | 27.53 | 5.20 | - |
| AV | 2.4852G | 49.60 | 54.00 | -4.40 | 32.74 | 3 | Vertical | 78 | 1.50 | - | 16.86 | 27.51 | 5.23 | - |
| PK | 2.3672G | 57.92 | 74.00 | -16.08 | 32.76 | 3 | Vertical | 78 | 1.50 | - | 25.16 | 27.73 | 5.03 | - |
| PK | 2.4592G | 120.41 | Inf | -Inf | 32.73 | 3 | Vertical | 78 | 1.50 | - | 87.68 | 27.54 | 5.19 | - |
| PK | 2.484G | 62.65 | 74.00 | -11.35 | 32.75 | 3 | Vertical | 78 | 1.50 | - | 29.90 | 27.52 | 5.23 | - |



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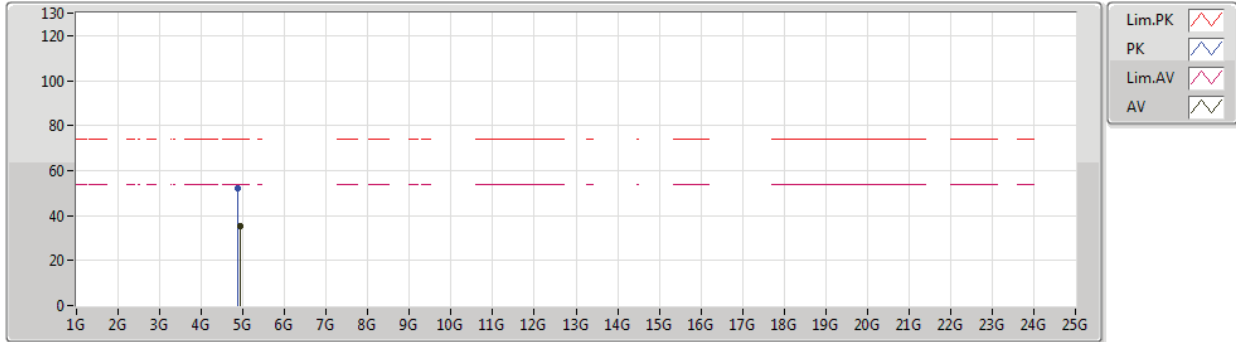
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 2.3552G | 45.04 | 54.00 | -8.96 | 32.79 | 3 | Horizontal | 227 | 2.82 | - | 12.25 | 27.78 | 5.01 | - |
| AV | 2.4396G | 106.82 | Inf | -Inf | 32.72 | 3 | Horizontal | 227 | 2.82 | - | 74.10 | 27.56 | 5.16 | - |
| AV | 2.4844G | 47.91 | 54.00 | -6.09 | 32.75 | 3 | Horizontal | 227 | 2.82 | - | 15.16 | 27.52 | 5.23 | - |
| PK | 2.3664G | 57.65 | 74.00 | -16.35 | 32.76 | 3 | Horizontal | 227 | 2.82 | - | 24.89 | 27.73 | 5.03 | - |
| PK | 2.4384G | 119.02 | Inf | -Inf | 32.72 | 3 | Horizontal | 227 | 2.82 | - | 86.30 | 27.56 | 5.16 | - |
| PK | 2.4848G | 63.45 | 74.00 | -10.55 | 32.75 | 3 | Horizontal | 227 | 2.82 | - | 30.70 | 27.52 | 5.23 | - |



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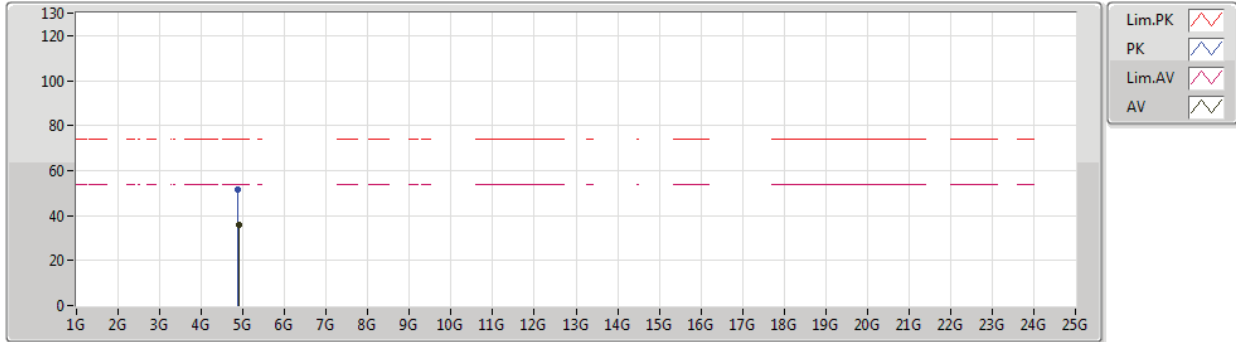
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9213G | 35.12 | 54.00 | -18.88 | 4.56 | 3 | Vertical | 24 | 1.33 | - | 30.56 | 31.19 | 7.42 | 34.05 |
| PK | 4.8841G | 52.08 | 74.00 | -21.92 | 4.43 | 3 | Vertical | 24 | 1.33 | - | 47.65 | 31.10 | 7.38 | 34.05 |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV | 4.9164G | 35.95 | 54.00 | -18.05 | 4.54 | 3 | Horizontal | 0 | 1.33 | - | 31.41 | 31.17 | 7.42 | 34.05 |
| PK | 4.8867G | 51.67 | 74.00 | -22.33 | 4.44 | 3 | Horizontal | 0 | 1.33 | - | 47.23 | 31.10 | 7.39 | 34.05 |