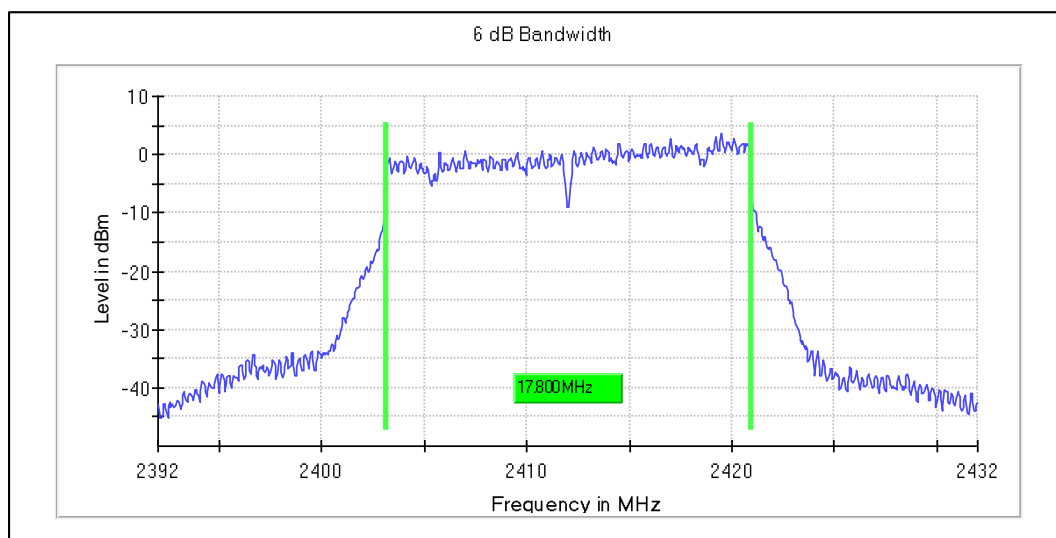


Modulation: 802.11ac_VHT20

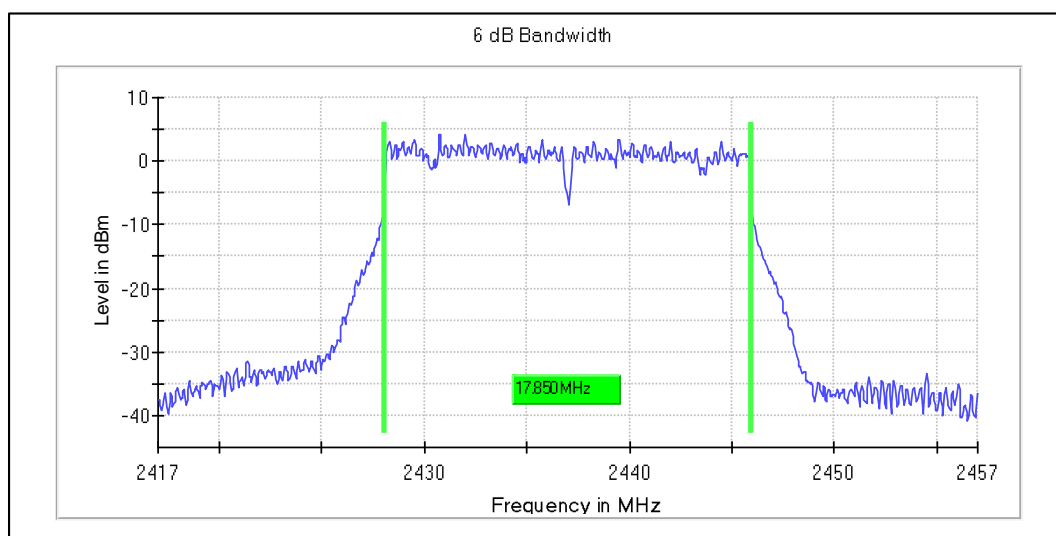
| Data rate (Mbps) | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | 99% OBW (MHz) | Minimum Limit (MHz) |
|------------------|-------------------------|----------------------|---------------|---------------------|
| MCS0 | 2412 | 16.40 | 18.20 | 0.5 |
| | 2437 | 17.65 | 19.70 | 0.5 |
| | 2462 | 16.45 | 18.00 | 0.5 |
| MCS8 | 2412 | 17.80 | 17.90 | 0.5 |
| | 2437 | 17.85 | 17.90 | 0.5 |
| | 2462 | 17.80 | 17.90 | 0.5 |

Graphs for 6 dB bandwidth measurement



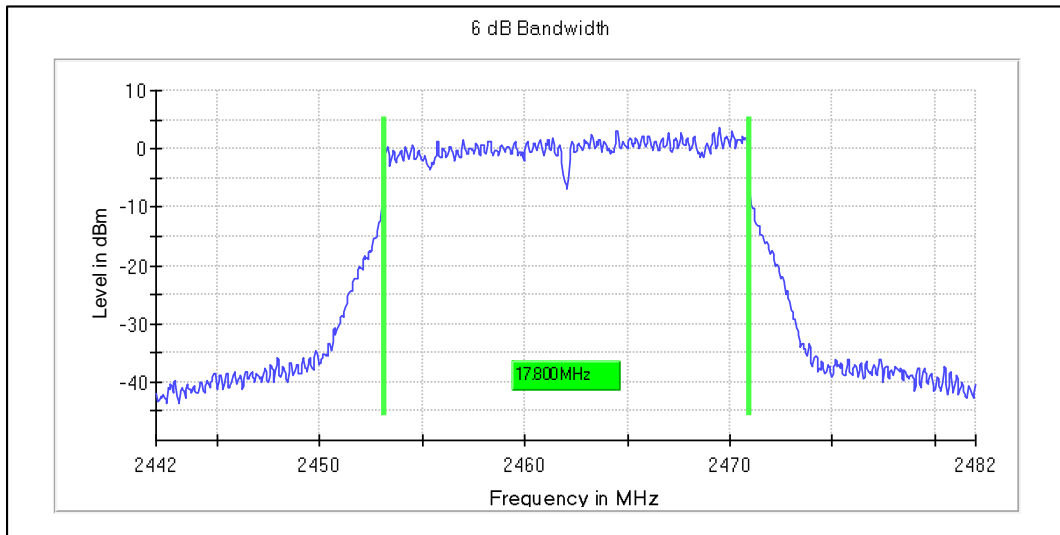
Data Rate: MCS8

Channel Frequency: 2412MHz



Data Rate: MCS8

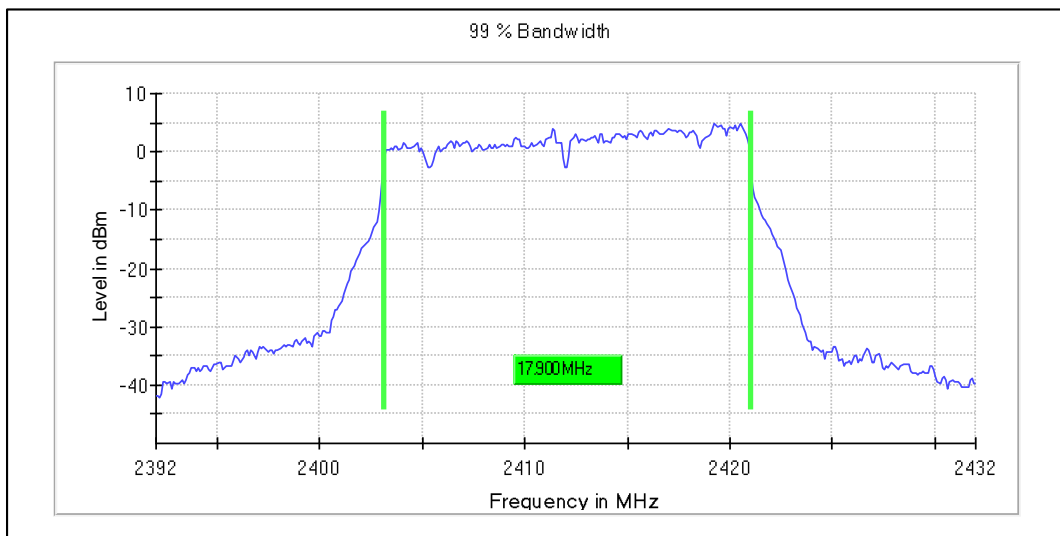
Channel Frequency: 2437MHz



Data Rate: MCS8

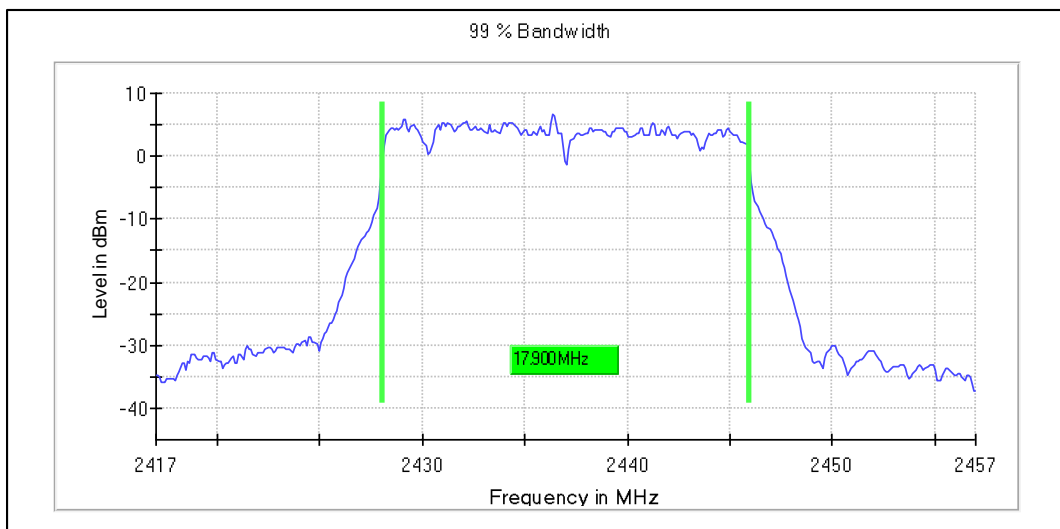
Channel Frequency: 2462MHz

Graphs for OCW 99 % bandwidth measurement



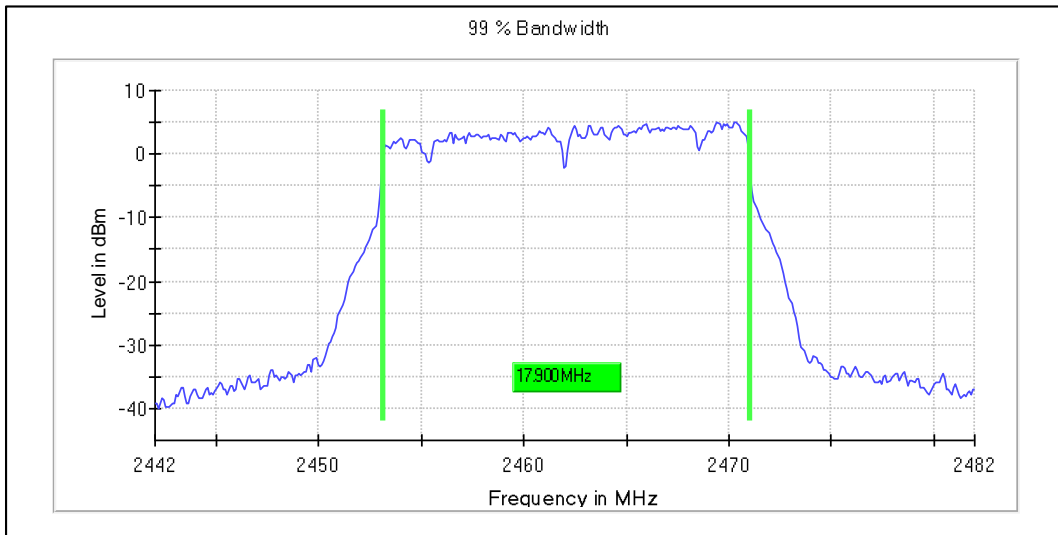
Data Rate: MCS8

Channel Frequency: 2412MHz



Data Rate: MCS8

Channel Frequency: 2437MHz



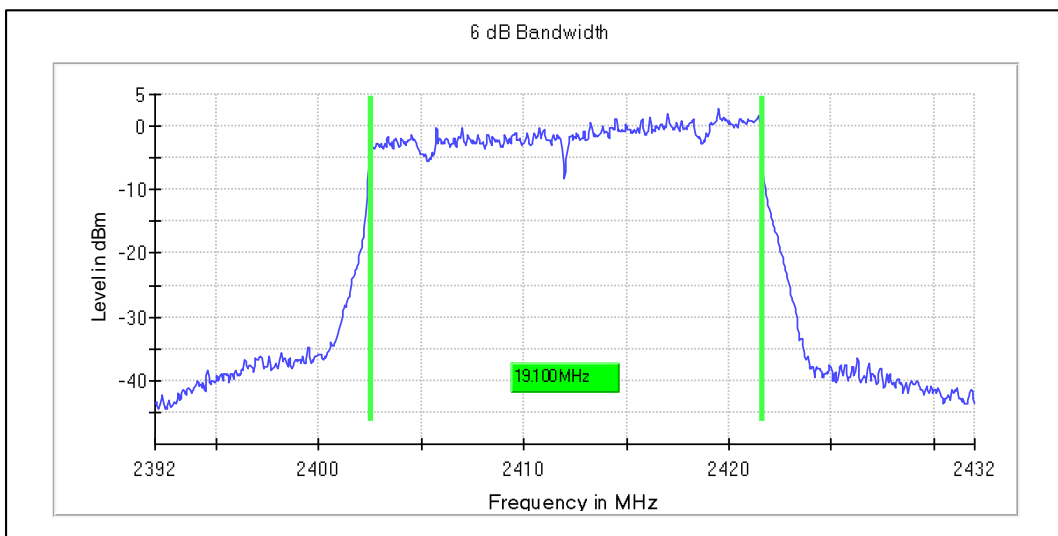
Data Rate: MCS8

Channel Frequency: 2462MHz

Modulation: 802.11ax_HE20

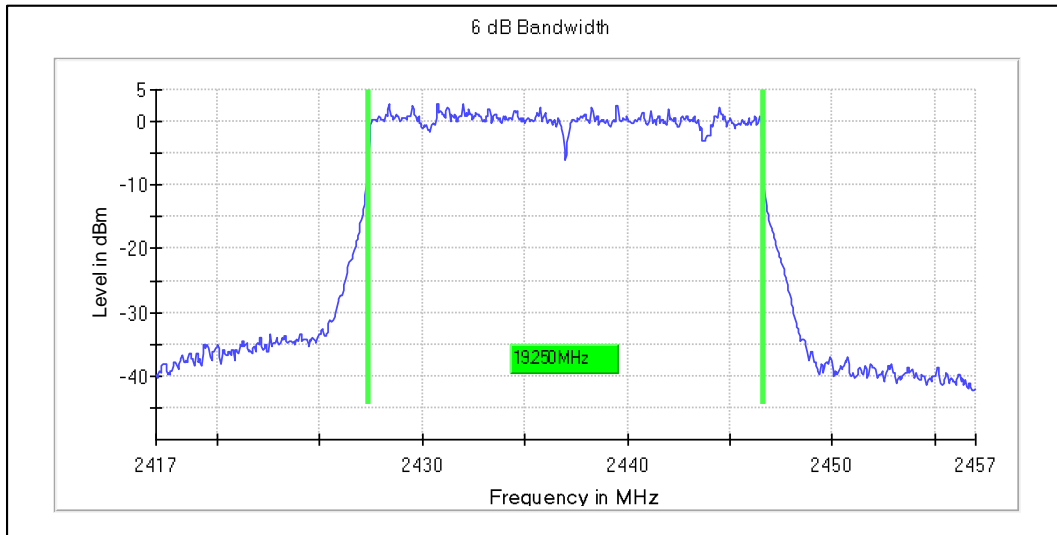
| Data rate (Mbps) | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | 99% OBW (MHz) | Minimum Limit (MHz) |
|------------------|-------------------------|----------------------|---------------|---------------------|
| MCS0 | 2412 | 17.15 | 19.10 | 0.5 |
| | 2437 | 18.90 | 19.50 | 0.5 |
| | 2462 | 18.00 | 19.00 | 0.5 |
| MCS11 | 2412 | 19.10 | 19.20 | 0.5 |
| | 2437 | 19.25 | 19.10 | 0.5 |
| | 2462 | 19.15 | 19.00 | 0.5 |

Graphs for 6 dB bandwidth measurement



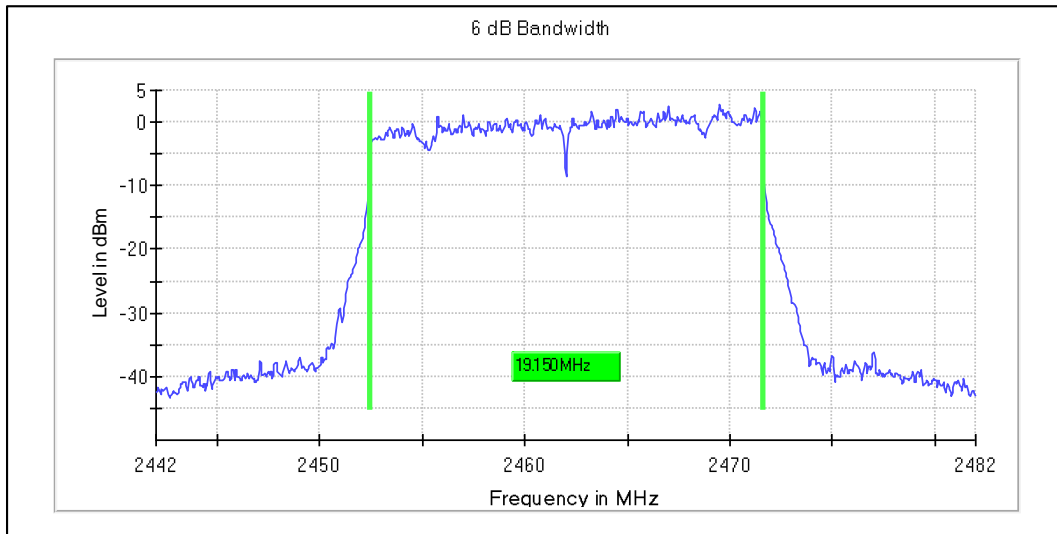
Data Rate: MCS11

Channel Frequency: 2412MHz



Data Rate: MCS11

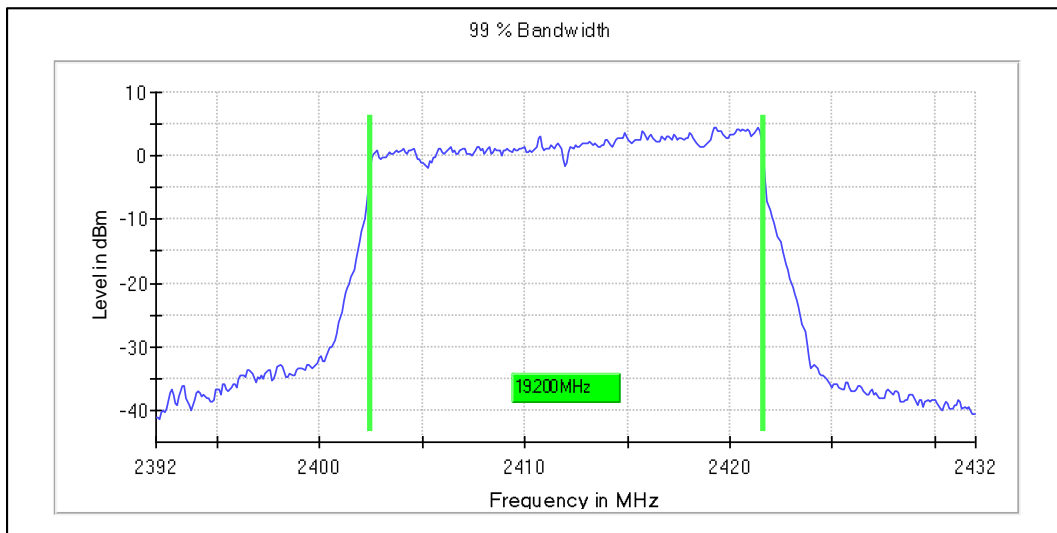
Channel Frequency: 2437MHz



Data Rate: MCS11

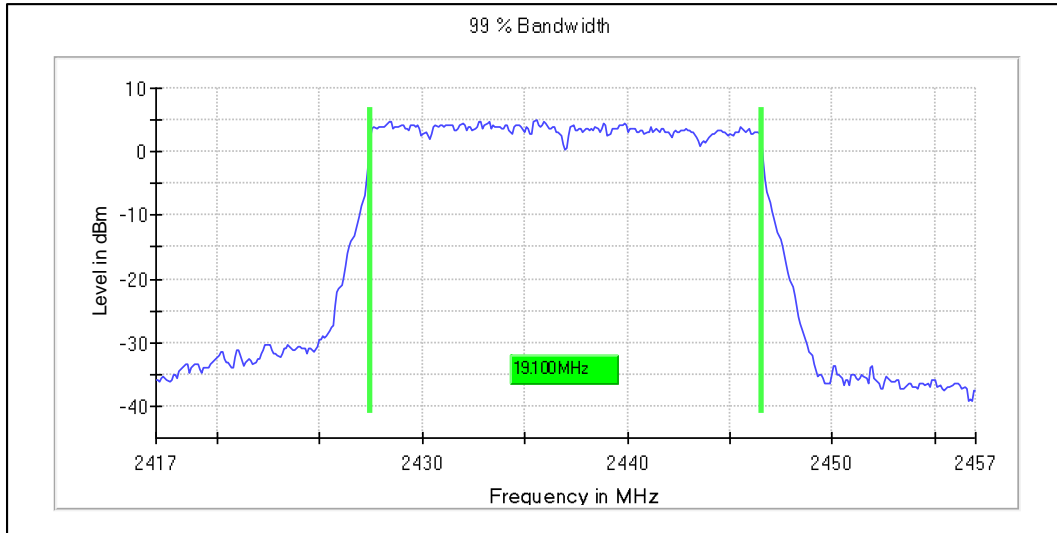
Channel Frequency: 2462MHz

Graphs for OCW 99 % bandwidth measurement



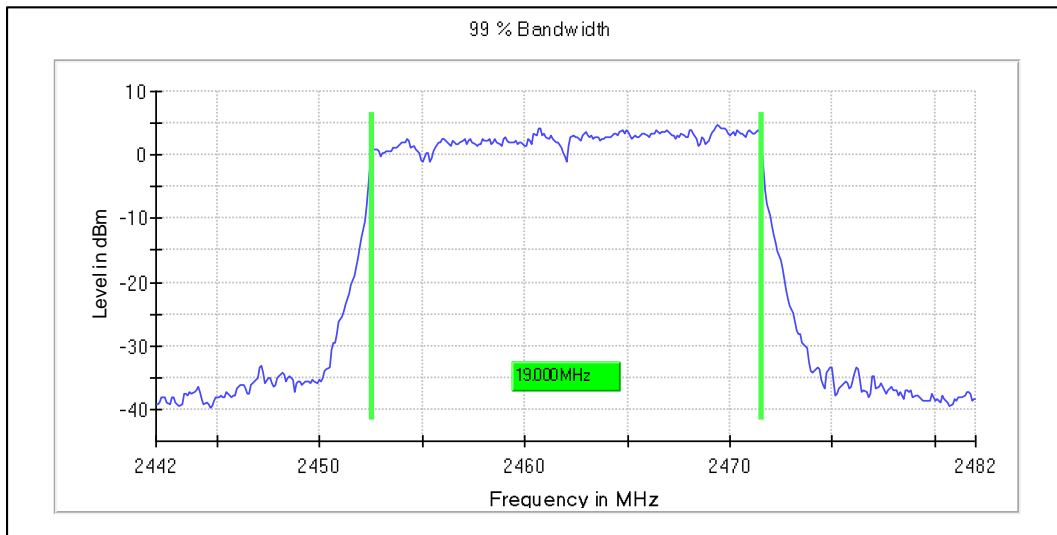
Data Rate: MCS11

Channel Frequency: 2412MHz



Data Rate: MCS11

Channel Frequency: 2437MHz



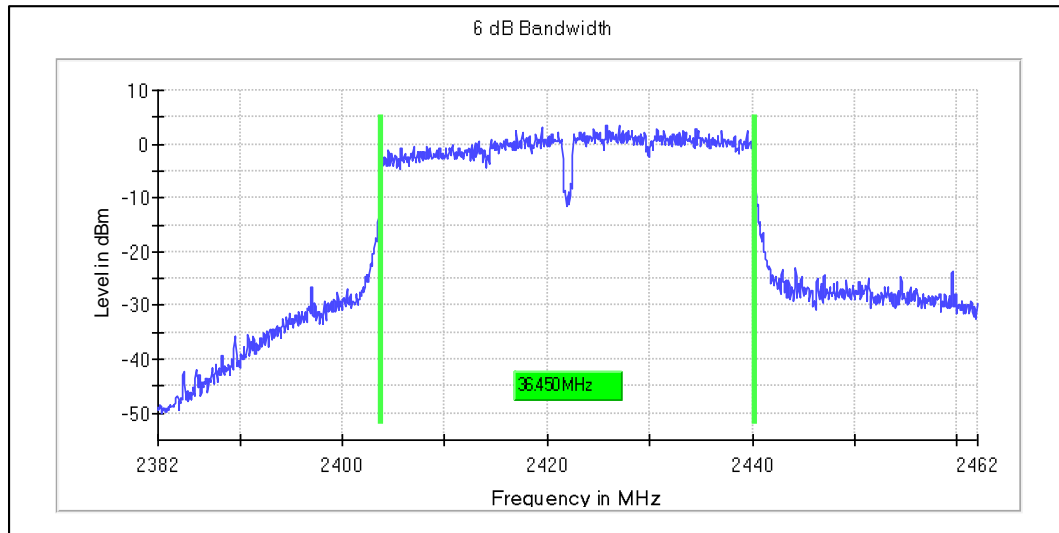
Data Rate: MCS11

Channel Frequency: 2462MHz

Modulation: 802.11n_HT40MHz

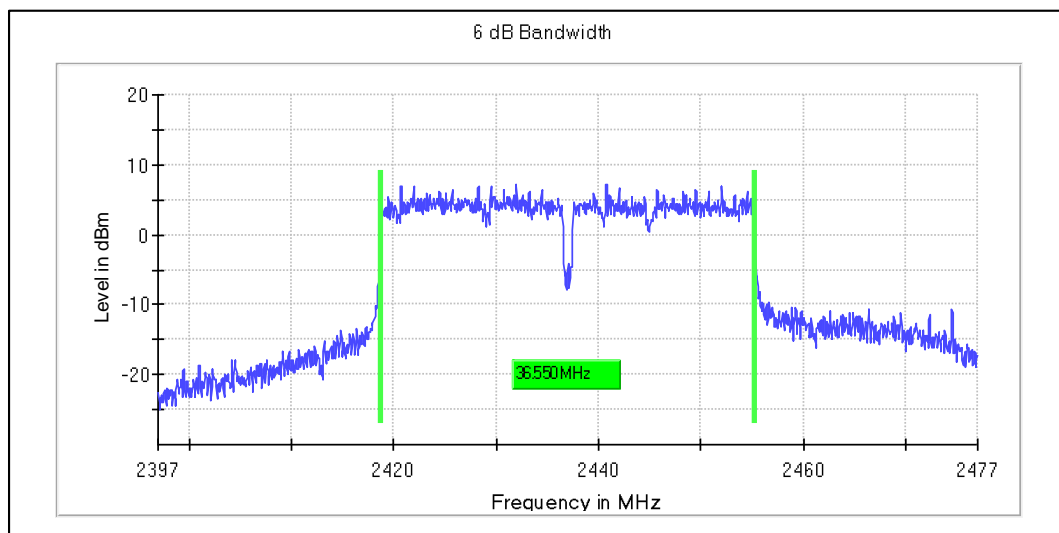
| Data rate (Mbps) | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | 99% OBW (MHz) | Minimum Limit (MHz) |
|------------------|-------------------------|----------------------|---------------|---------------------|
| MCS0 | 2422 | 35.80 | 36.50 | 0.5 |
| | 2437 | 36.45 | 36.50 | 0.5 |
| | 2452 | 36.42 | 36.99 | 0.5 |
| MCS7 | 2422 | 36.45 | 36.50 | 0.5 |
| | 2437 | 36.55 | 37.14 | 0.5 |
| | 2452 | 36.60 | 36.60 | 0.5 |

Graphs for 6 dB bandwidth measurement



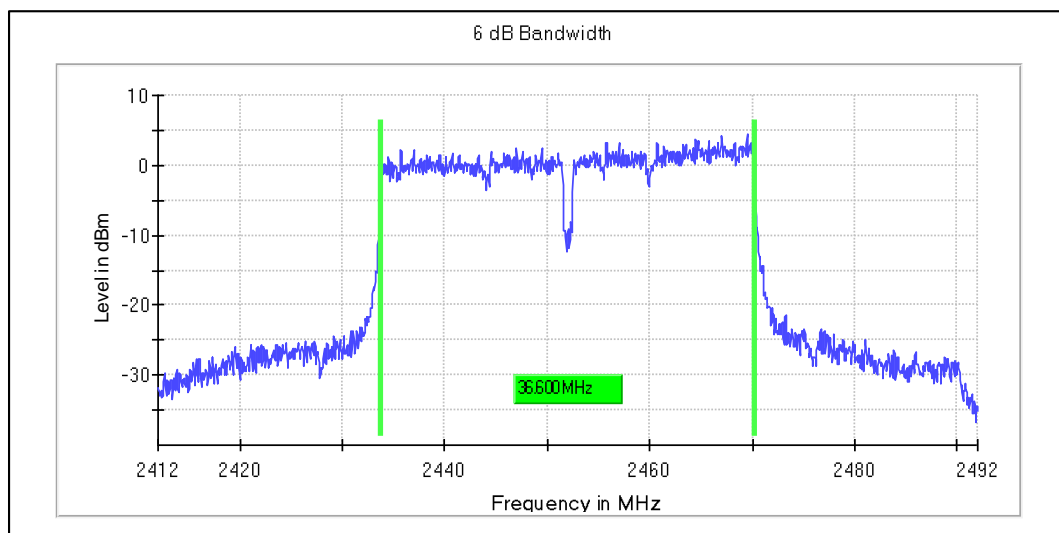
Data Rate: MCS7

Channel Frequency: 2422MHz



Data Rate: MCS7

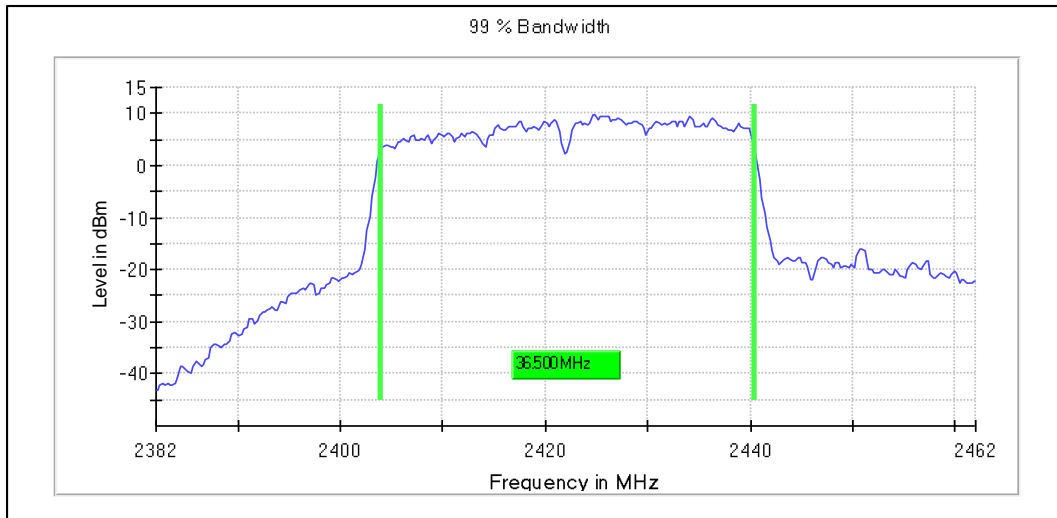
Channel Frequency: 2437MHz



Data Rate: MCS7

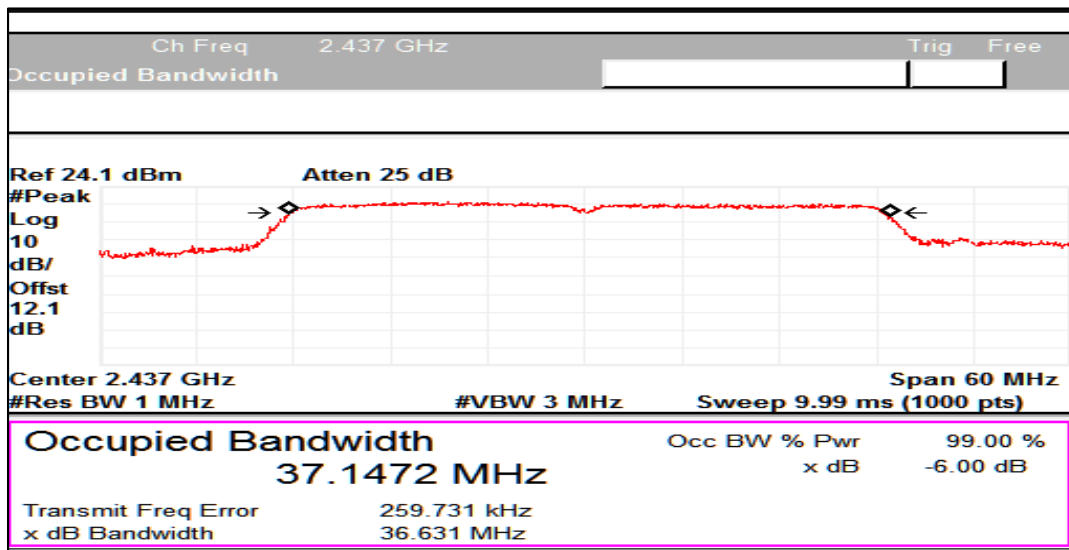
Channel Frequency: 2452MHz

Graphs for OCW 99 % bandwidth measurement



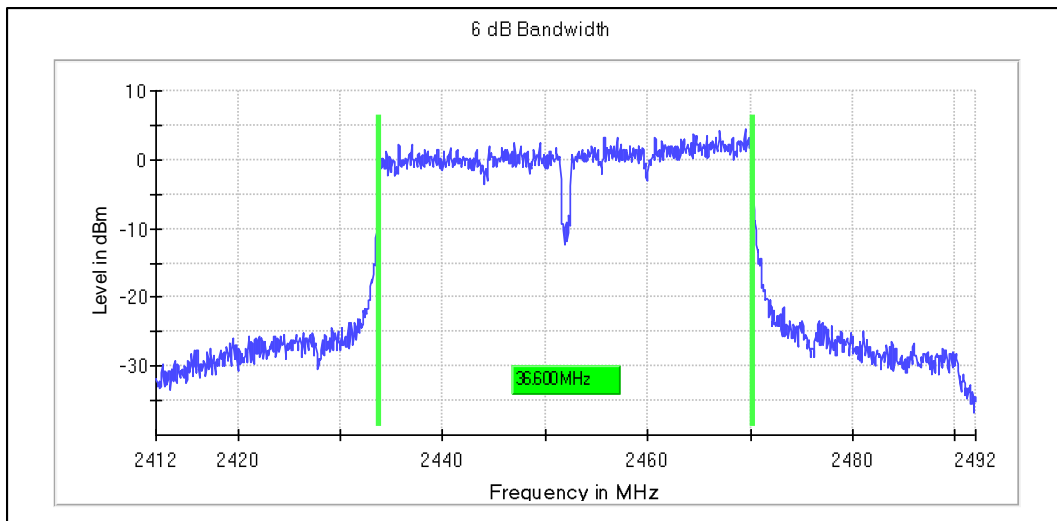
Data Rate: MCS7

Channel Frequency: 2422MHz



Data Rate: MCS7

Channel Frequency: 2437MHz



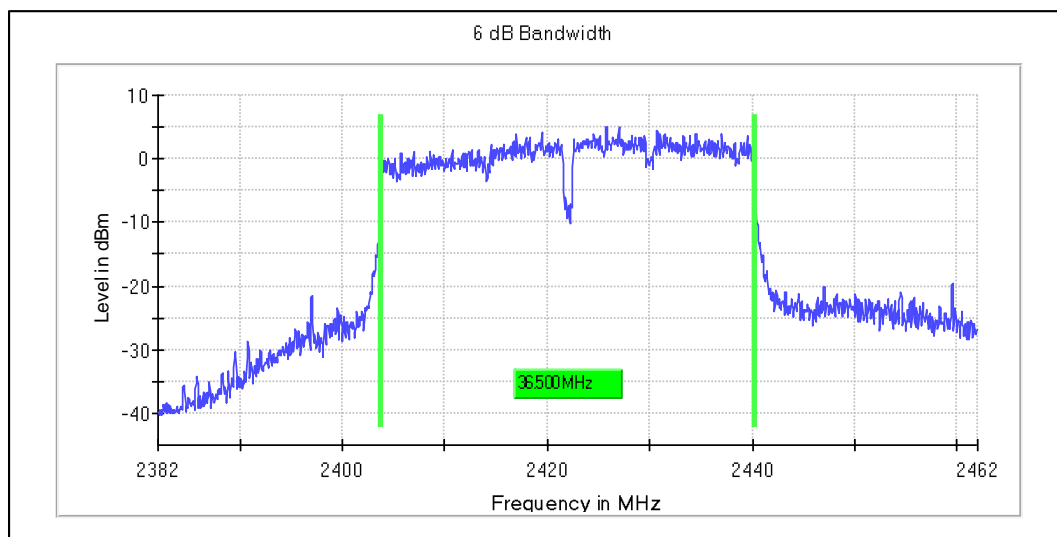
Data Rate: MCS7

Channel Frequency: 2452MHz

Modulation: 802.11ac_VHT40

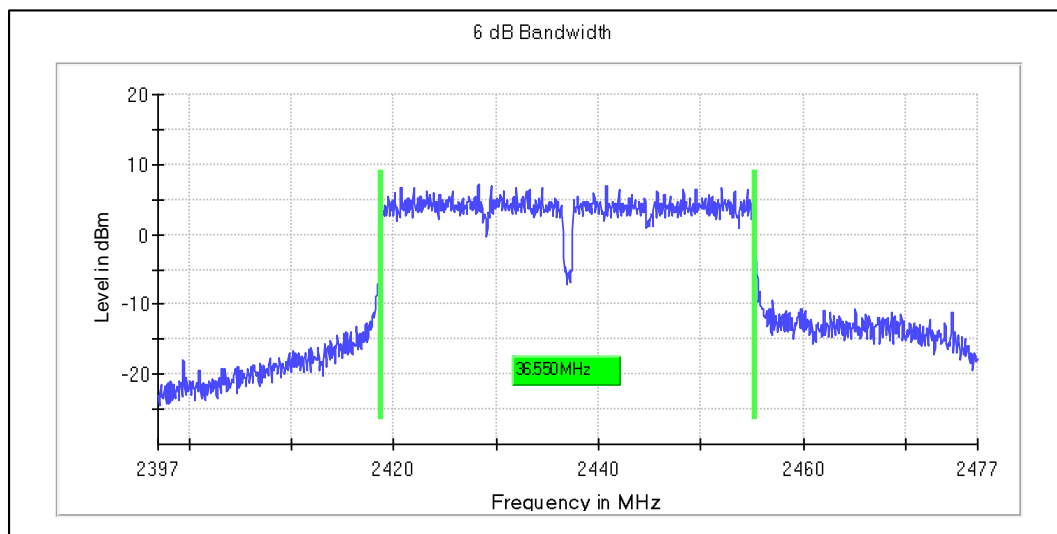
| Data rate (Mbps) | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | 99% OBW (MHz) | Minimum Limit (MHz) |
|------------------|-------------------------|----------------------|---------------|---------------------|
| MCS0 | 2422 | 35.80 | 36.50 | 0.5 |
| | 2437 | 36.45 | 36.75 | 0.5 |
| | 2452 | 36.87 | 36.52 | 0.5 |
| MCS8 | 2422 | 36.50 | 36.75 | 0.5 |
| | 2437 | 36.55 | 37.36 | 0.5 |
| | 2452 | 36.55 | 37.19 | 0.5 |

Graphs for 6 dB bandwidth measurement



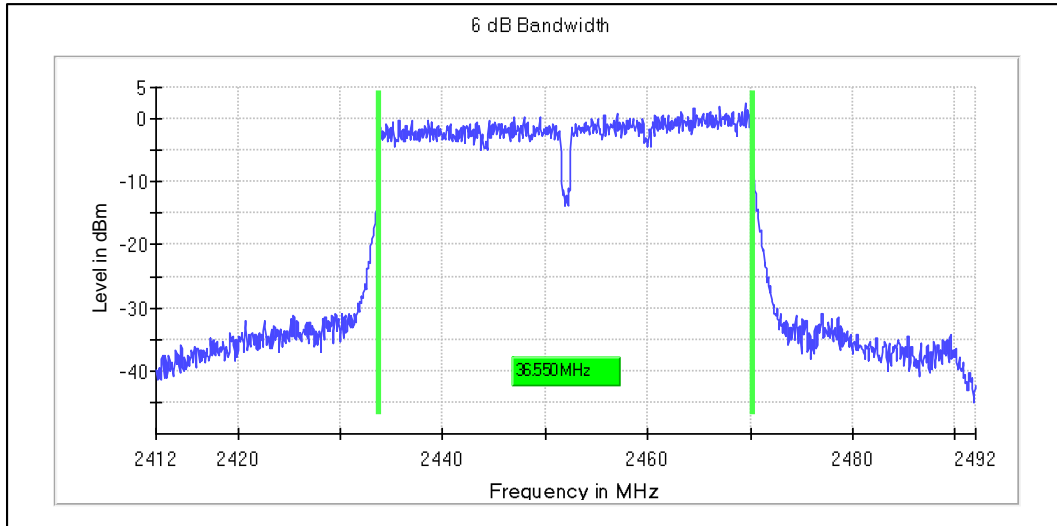
Data Rate: MCS8

Channel Frequency: 2422MHz



Data Rate: MCS8

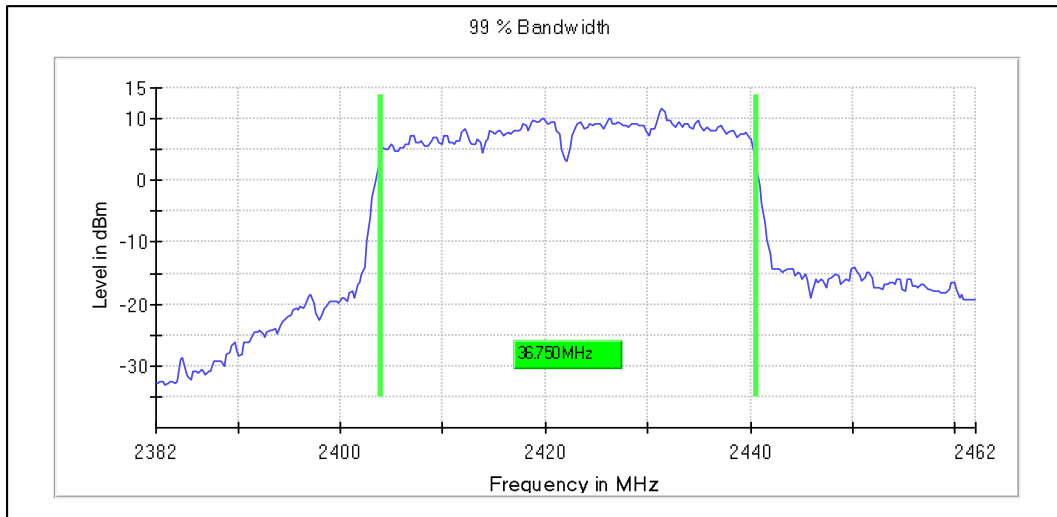
Channel Frequency: 2437MHz



Data Rate: MCS8

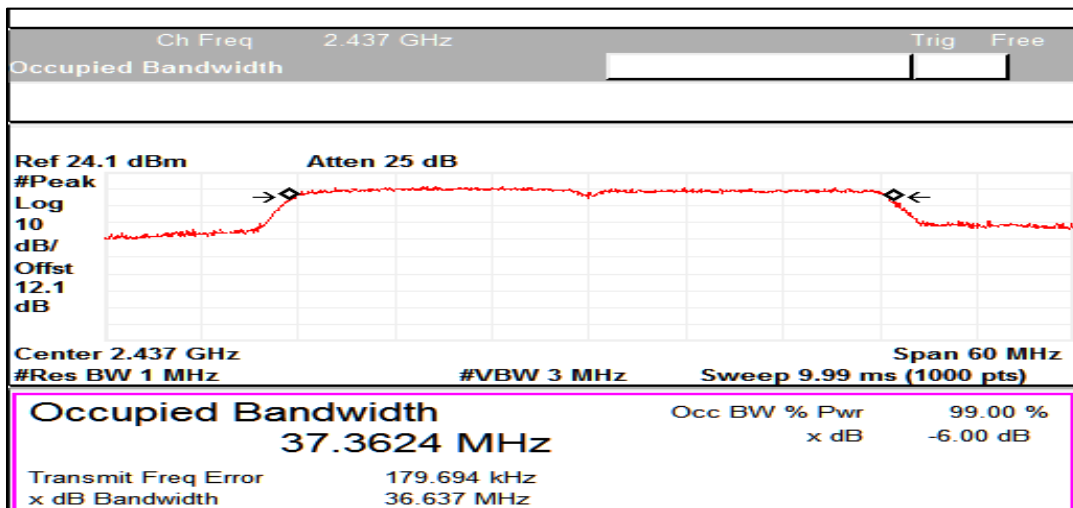
Channel Frequency: 2452MHz

Graphs for OCW 99 % bandwidth measurement



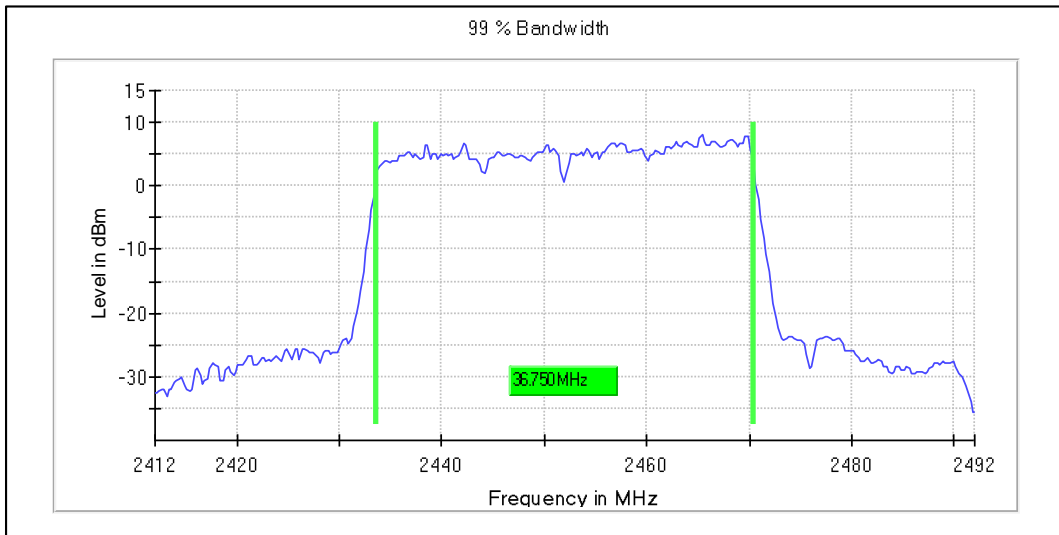
Data Rate: MCS8

Channel Frequency: 2422MHz



Data Rate: MCS8

Channel Frequency: 2437MHz



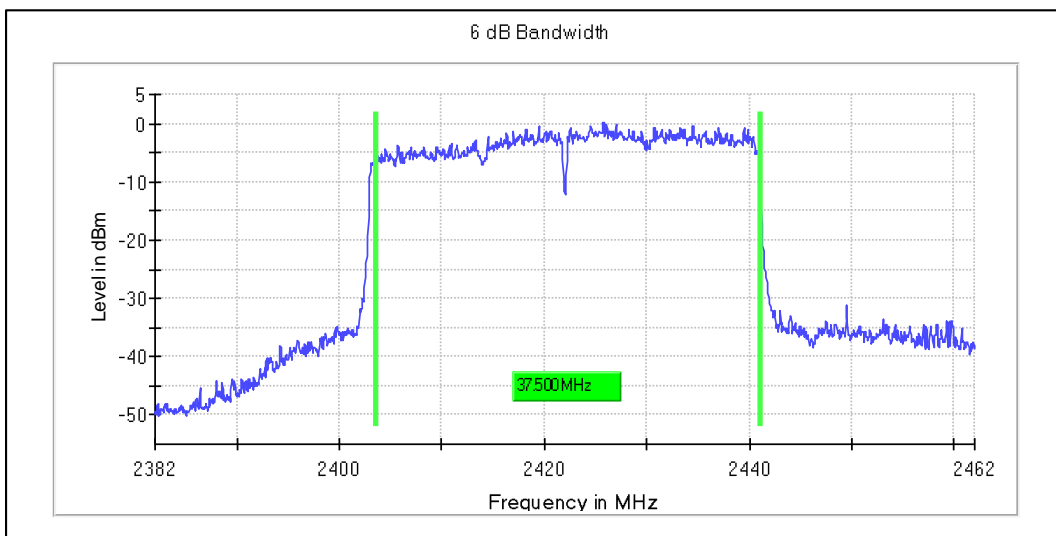
Data Rate: MCS8

Channel Frequency: 2452MHz

Modulation: 802.11ax_HE40

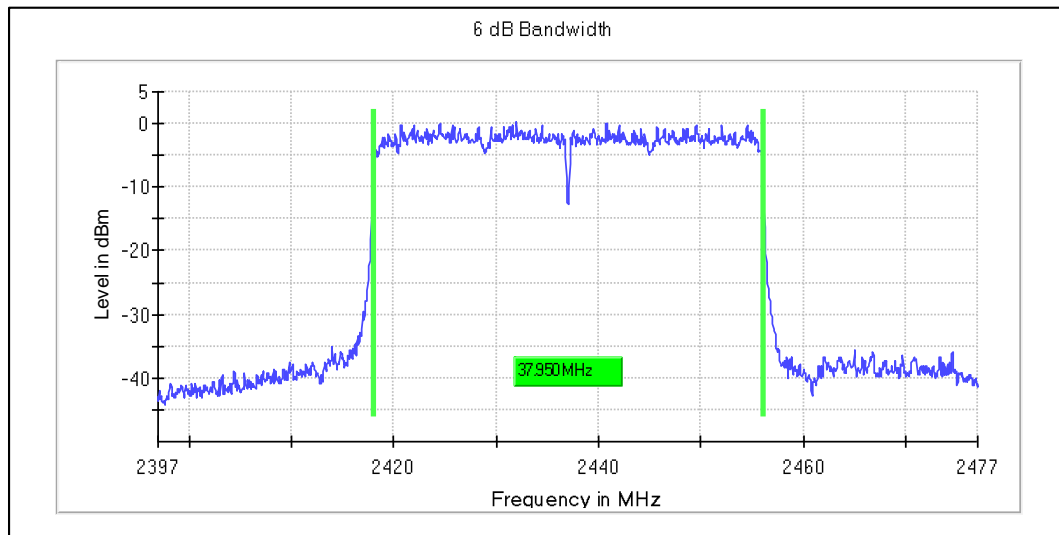
| Data rate (Mbps) | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) | 99% OBW (MHz) | Minimum Limit (MHz) |
|------------------|-------------------------|----------------------|---------------|---------------------|
| MCS0 | 2422 | 37.65 | 36.75 | 0.5 |
| | 2437 | 37.90 | 37.50 | 0.5 |
| | 2452 | 37.85 | 37.98 | 0.5 |
| MCS11 | 2422 | 37.50 | 37.75 | 0.5 |
| | 2437 | 37.95 | 37.75 | 0.5 |
| | 2452 | 37.90 | 37.98 | 0.5 |

Graphs for 6 dB bandwidth measurement



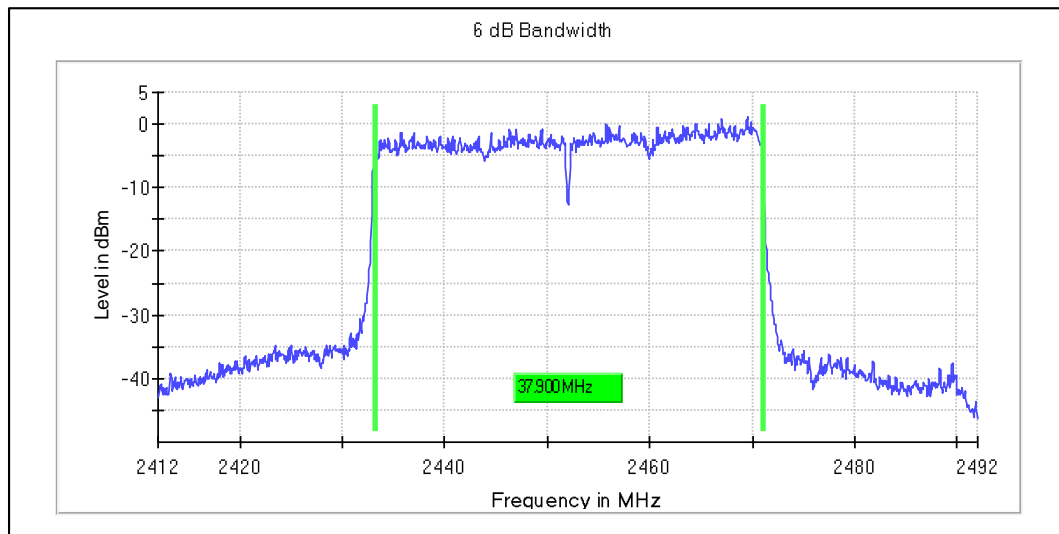
Data Rate: MCS11

Channel Frequency: 2422MHz



Data Rate: MCS11

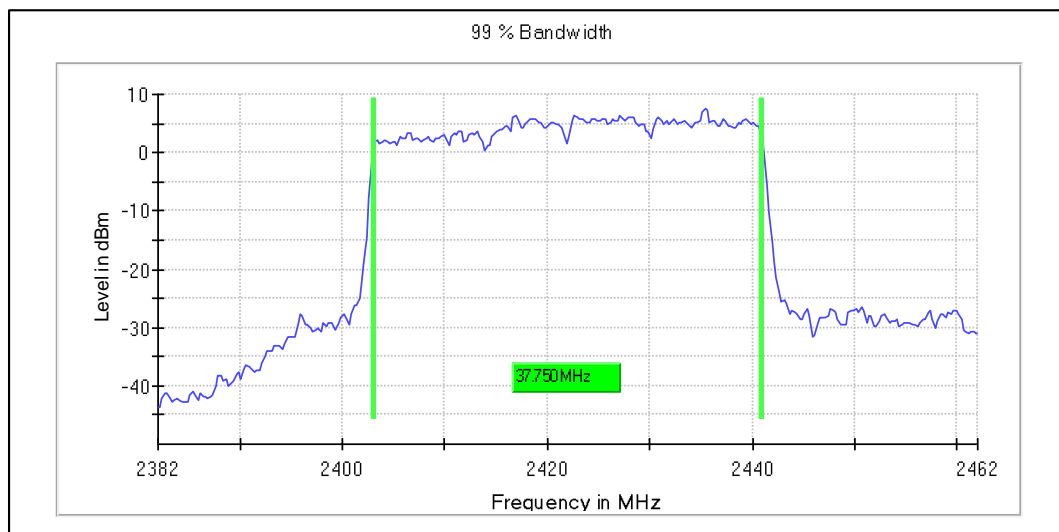
Channel Frequency: 2437MHz



Data Rate: MCS11

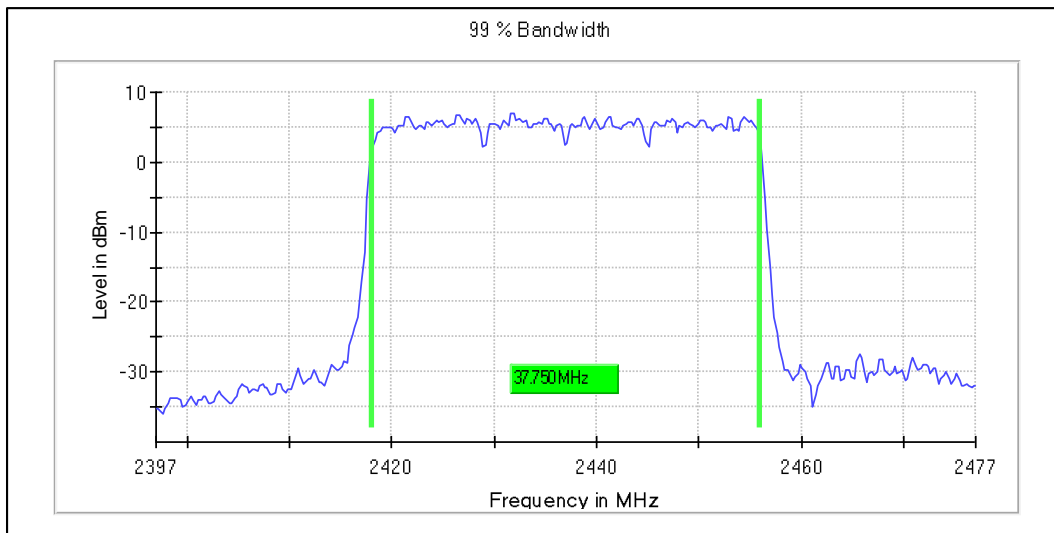
Channel Frequency: 2452MHz

Graphs for OCW 99 % bandwidth measurement



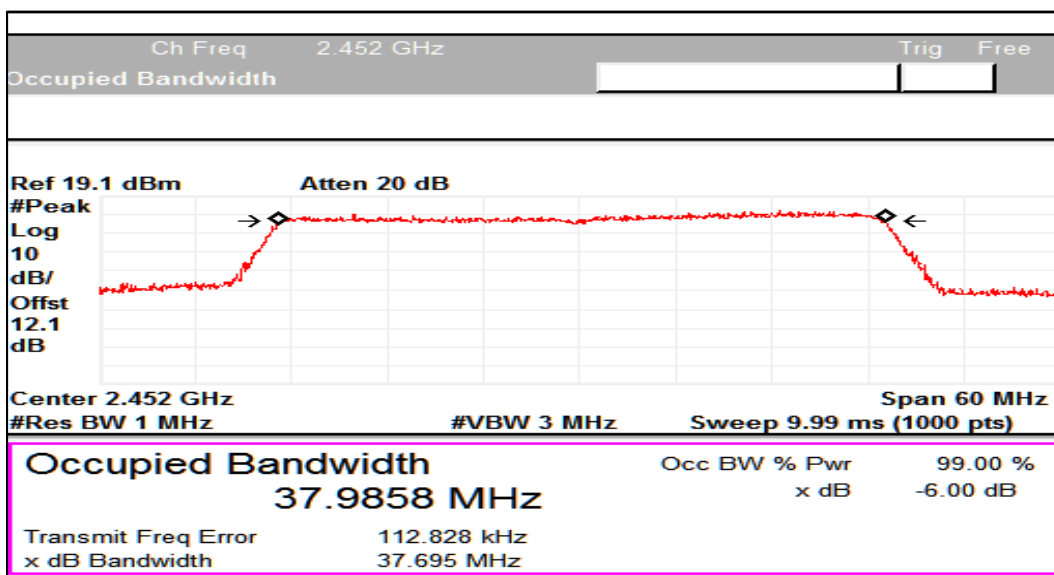
Data Rate: MCS11

Channel Frequency: 2422MHz



Data Rate: MCS11

Channel Frequency: 2437MHz



Data Rate: MCS11

Channel Frequency: 2452MHz

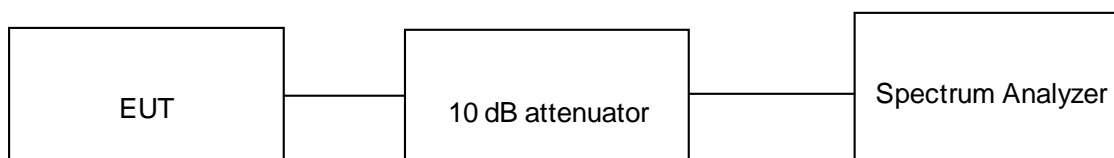
7.4 Emissions in non-restricted frequency bands and Conducted Spurious Emission

Result

Pass

| | |
|-----------------------|---|
| Test Specification | FCC part 15 Subpart C 15.247 (d) / RSS 247 Issue 2, Section 5.5 |
| Test Method | Subclause 11.11 of ANSI C63.10 |
| Measurement Bandwidth | 100 kHz |
| Detector | Peak |
| Port of testing | Antenna port |
| Requirement | <p>In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits</p> <p>If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB</p> |

Test Method:



Test Condition

Normal Test Condition:

Temperature (Norm) = +25 °C Voltage = 3.3 V DC through AC to Dc adaptor Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made as per section 8.5 in KDB 558074 D01 15.247 Measurement Guidance v05r02.

Test results:

Note:

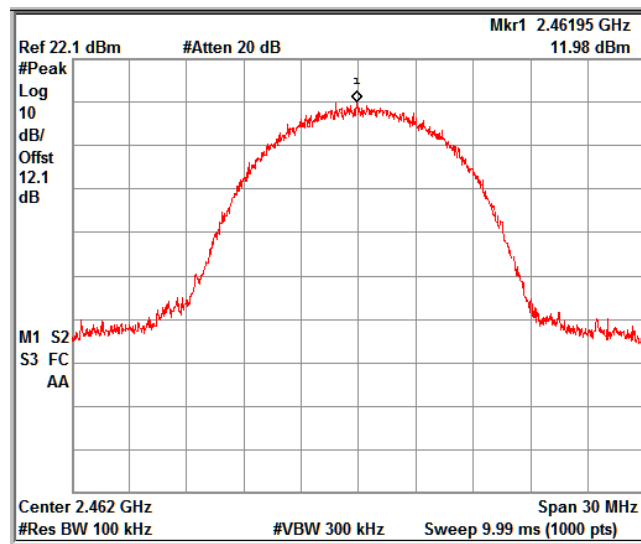
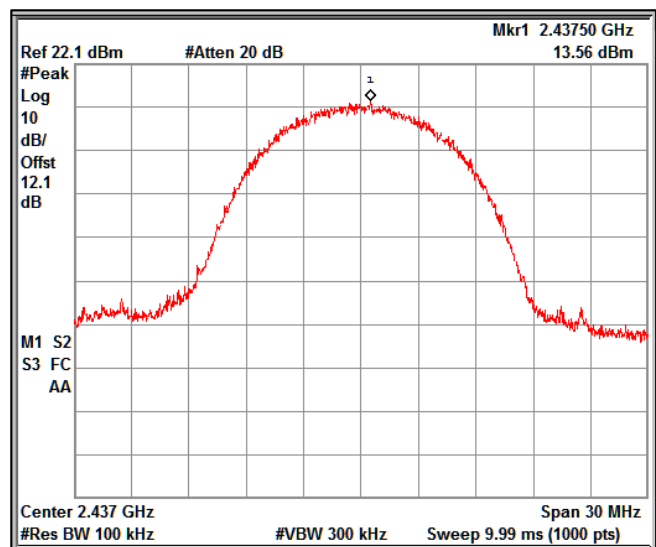
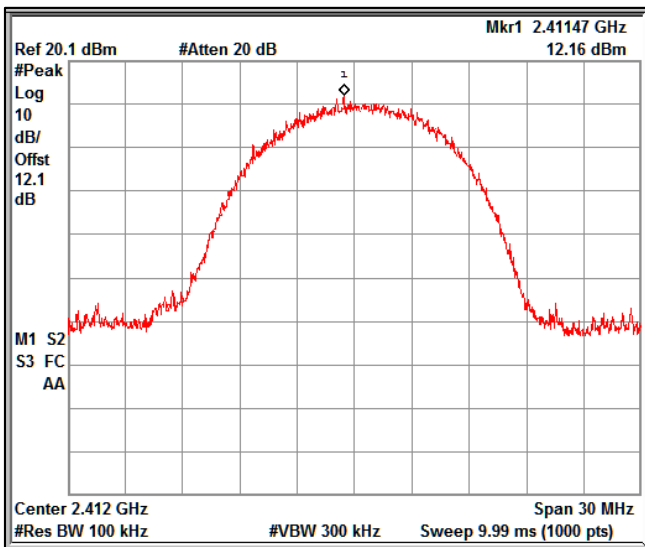
1. All the losses are included during measurement and final values are mentioned in the test report.
2. Final Value (dBm) = Measured Value (dBm) + Attenuator factor (10dB) + Cable loss (0.5dB)
3. This product do not support additional beamforming gain / directional gain, it uses signal antenna and hence directional gain of the single antenna is 4.23 dBi

7.4.1 Out-Of-Band Emissions

Reference Plots for Conducted Spurious Emission

Modulation: 802.11b

Data Rate 11Mbps

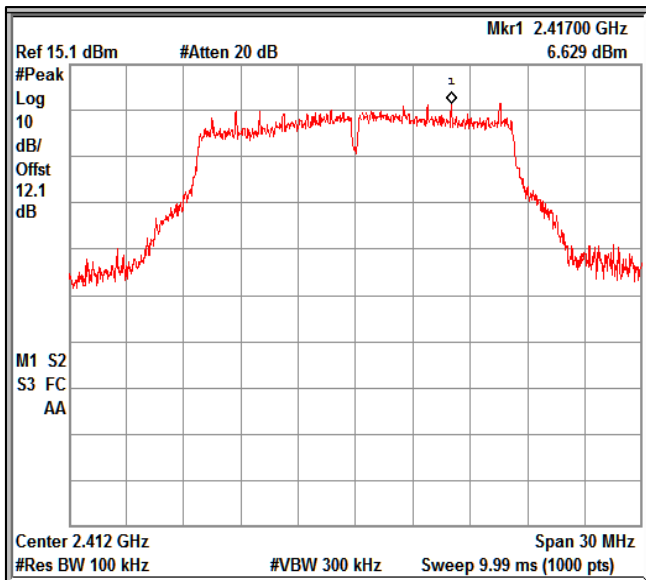


Prüfbericht - Nr.:
Test Report No.:

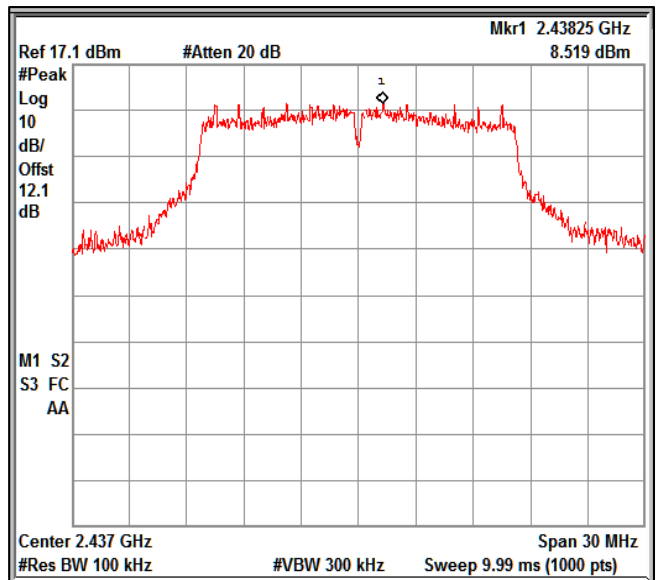
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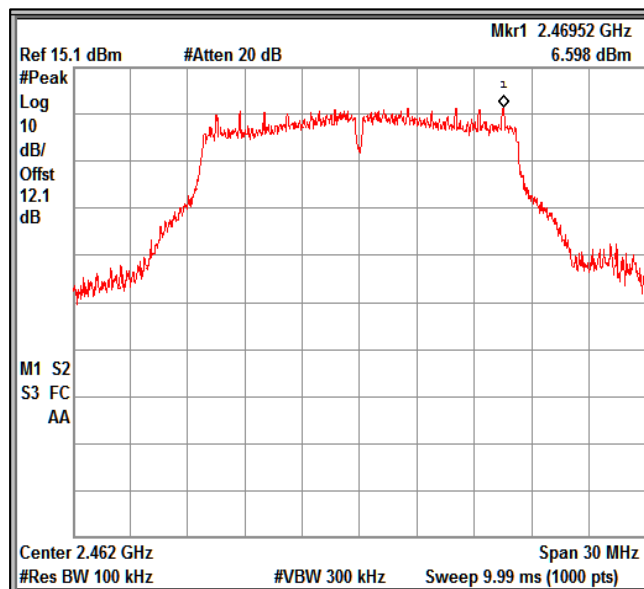
Modulation: 802.11g
Data Rate : 6Mbps



Reference Plot Channel Frequency 2412MHz



Reference Plot Channel Frequency 2437MHz



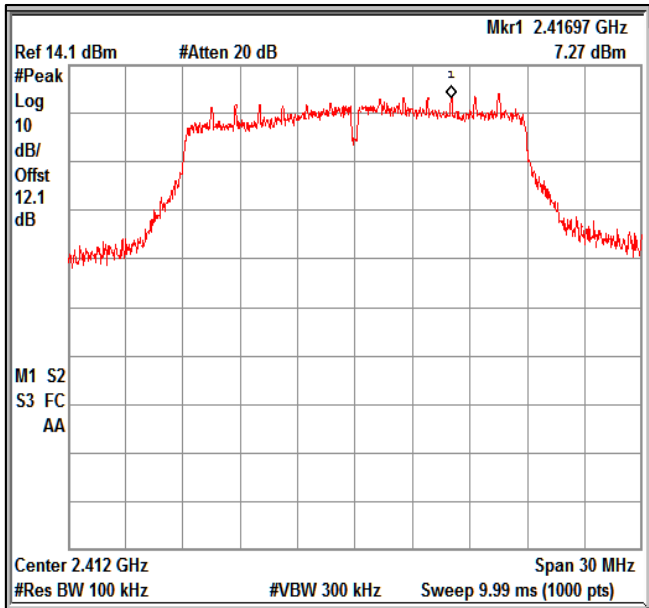
Reference Plot Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

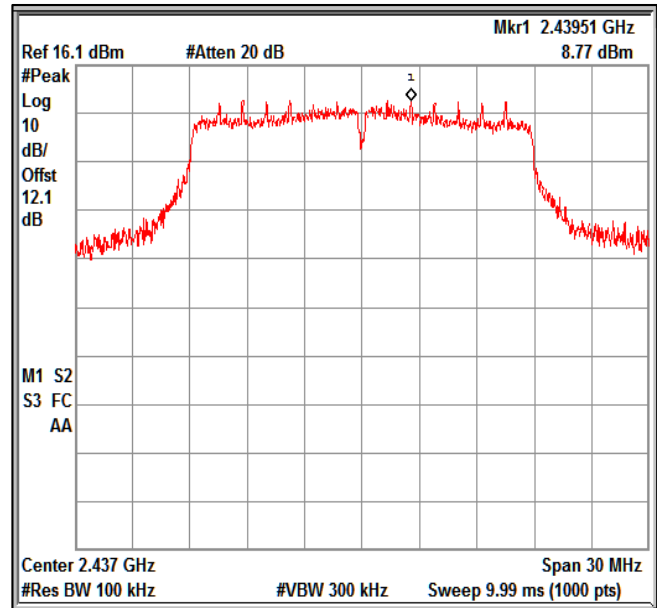
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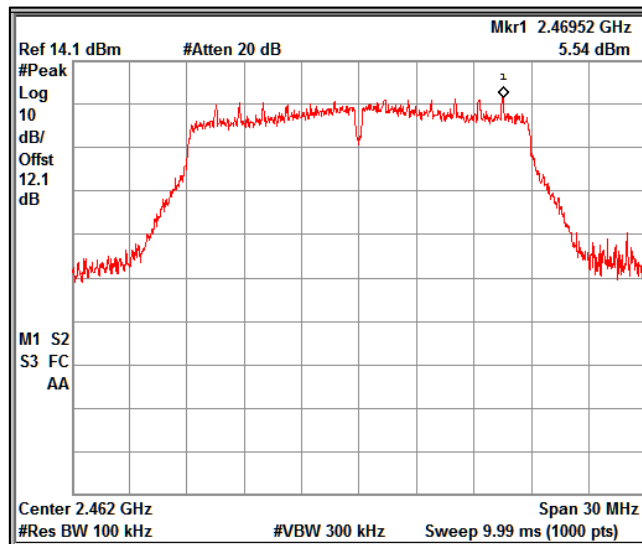
Modulation: 802.11n-HT_20
Data Rate : MCS0



Reference Plot Channel Frequency 2412MHz

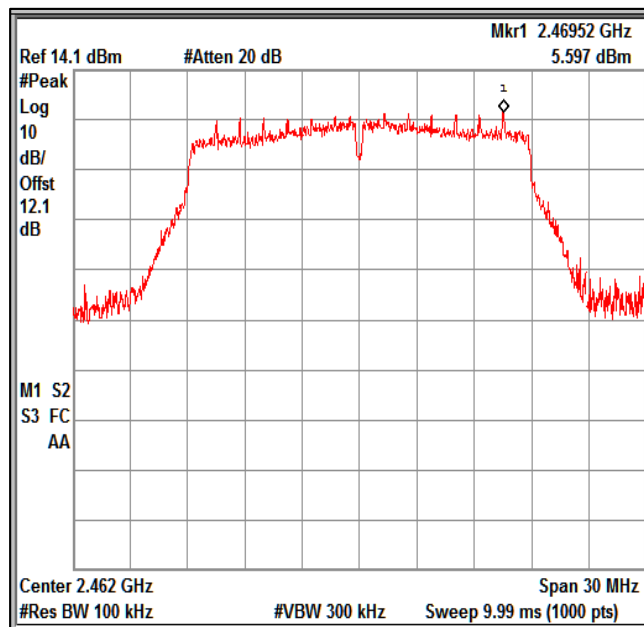
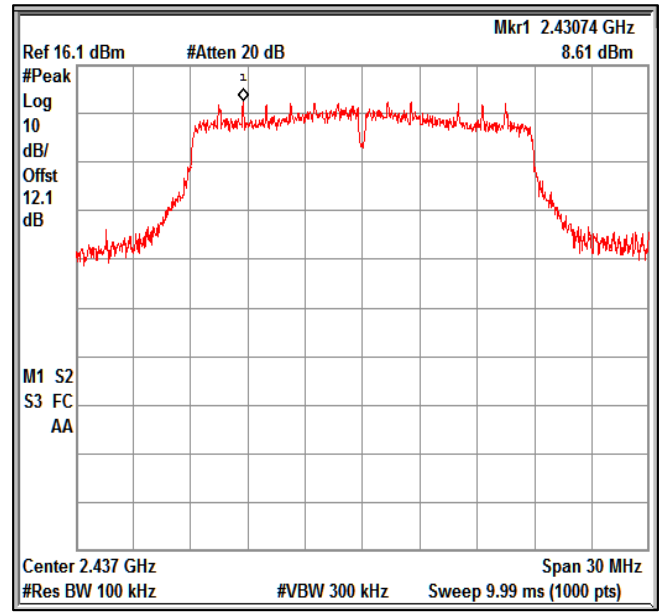
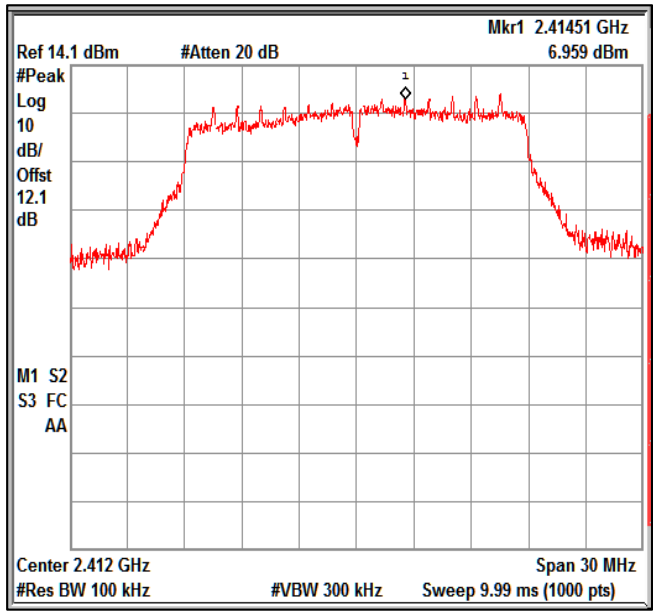


Reference Plot Channel Frequency 2 437MHz



Reference Plot Channel Frequency 2462MHz

Modulation: 802.11ac-VHT_20
Data Rate : MCS0

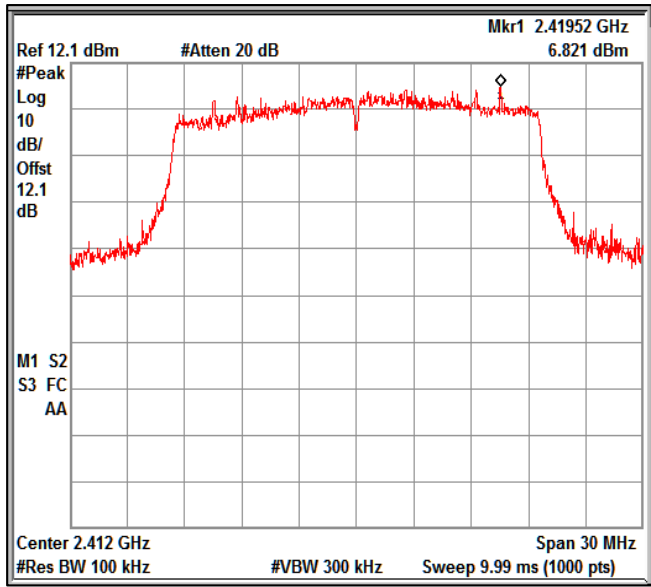


Prüfbericht - Nr.:
Test Report No.:

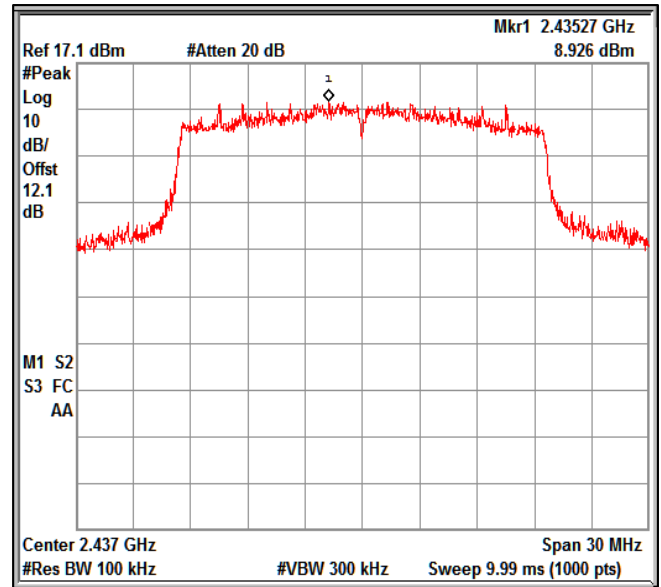
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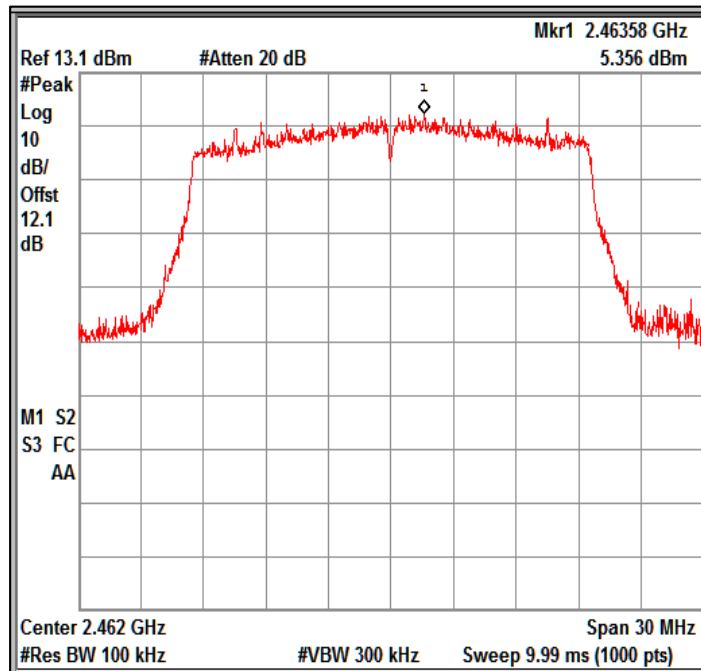
Modulation: 802.11ax-HE_20
Data Rate : MCS0



Reference Plot Channel Frequency 2412MHz



Reference Plot Channel Frequency 2 437MHz



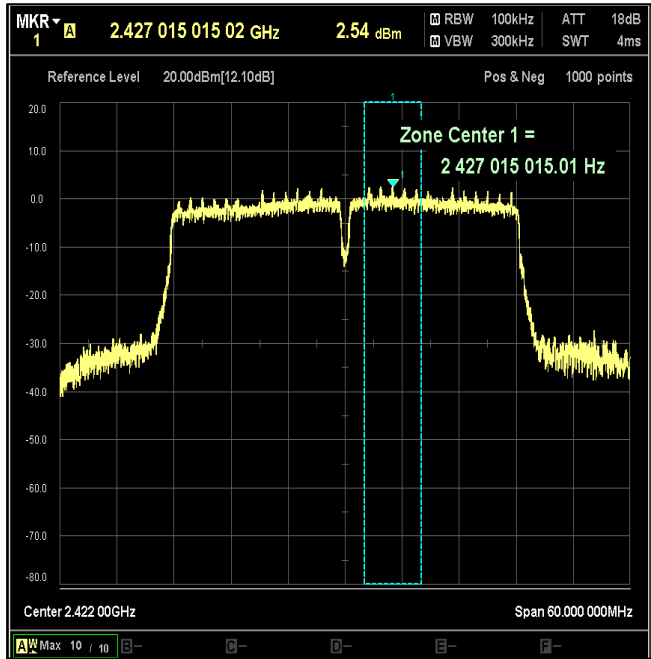
Reference Plot Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

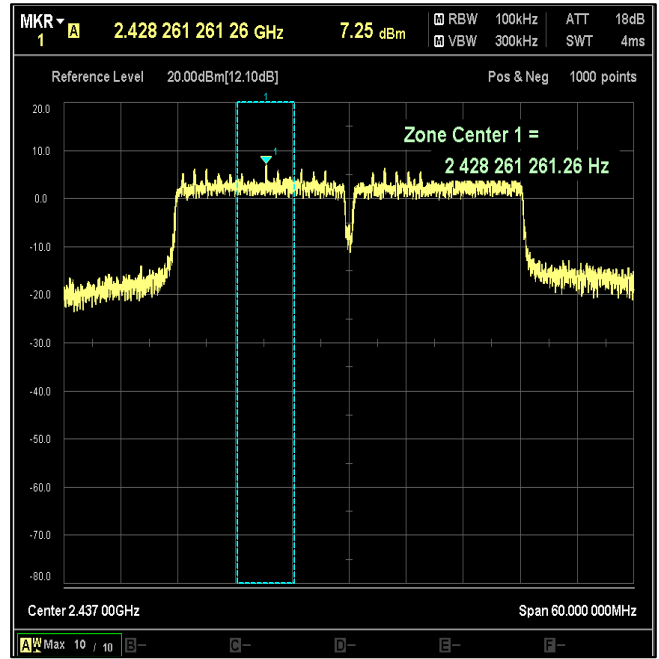
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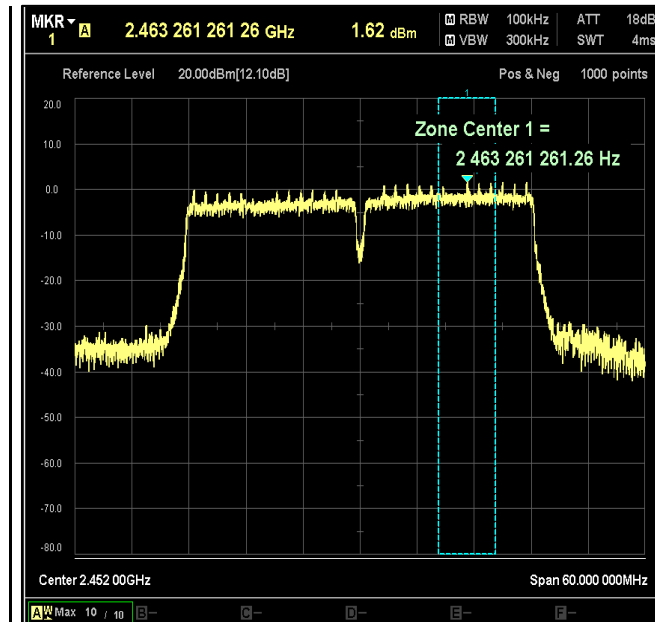
Modulation: 802.11n-HT40
Data Rate : MCS0



Reference Plot Channel Frequency 2422MHz



Reference Plot Channel Frequency 2437MHz



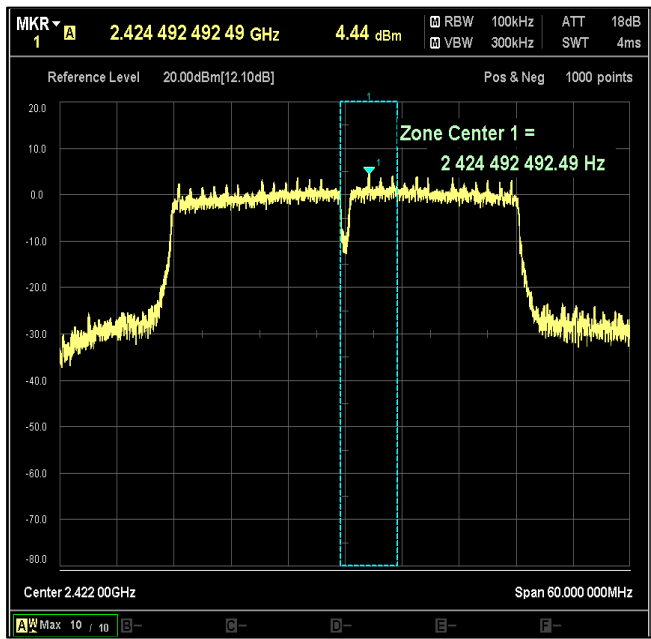
Reference Plot Channel Frequency 2452MHz

Prüfbericht - Nr.:
Test Report No.:

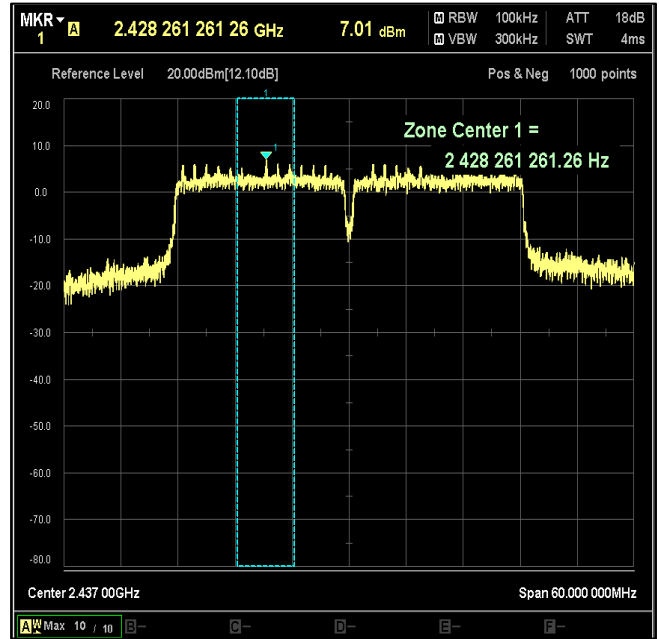
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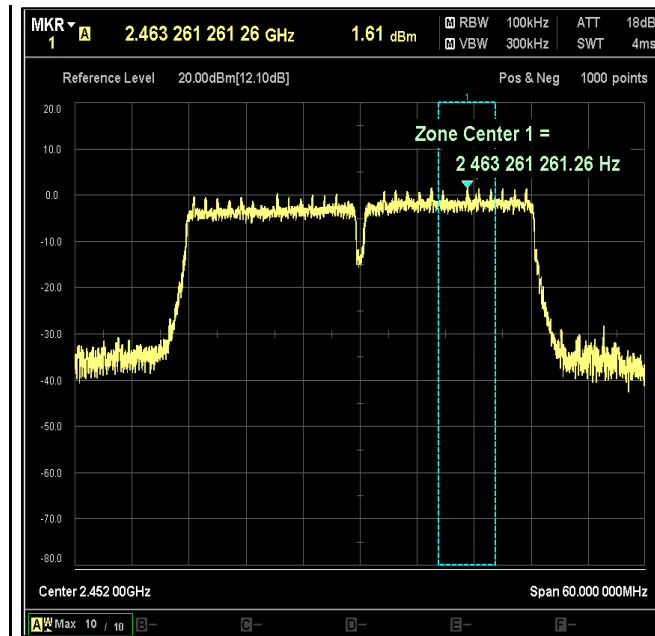
Modulation: 802.11ac-VHT40
Data Rate : MCS0



Reference Plot Channel Frequency 2422MHz



Reference Plot Channel Frequency 2437MHz



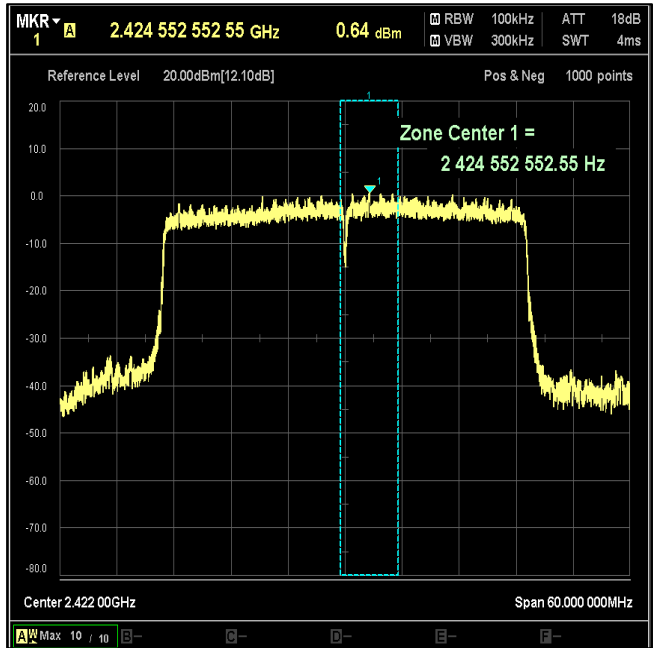
Reference Plot Channel Frequency 2452MHz

Prüfbericht - Nr.:
Test Report No.:

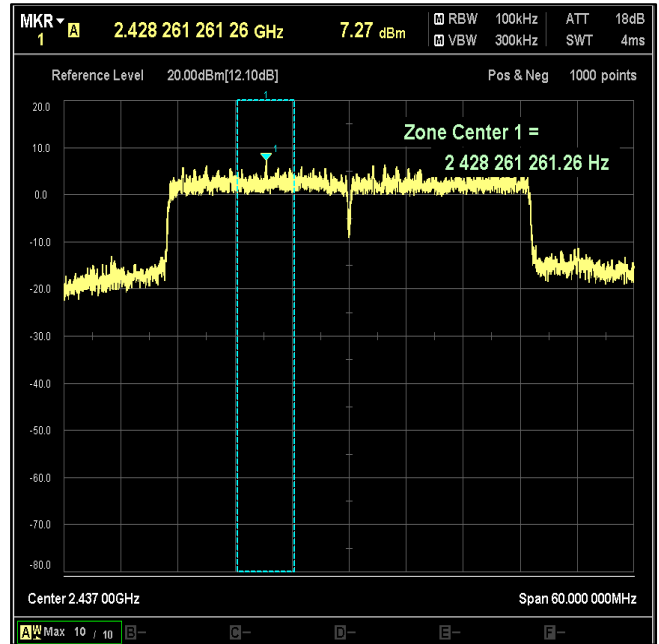
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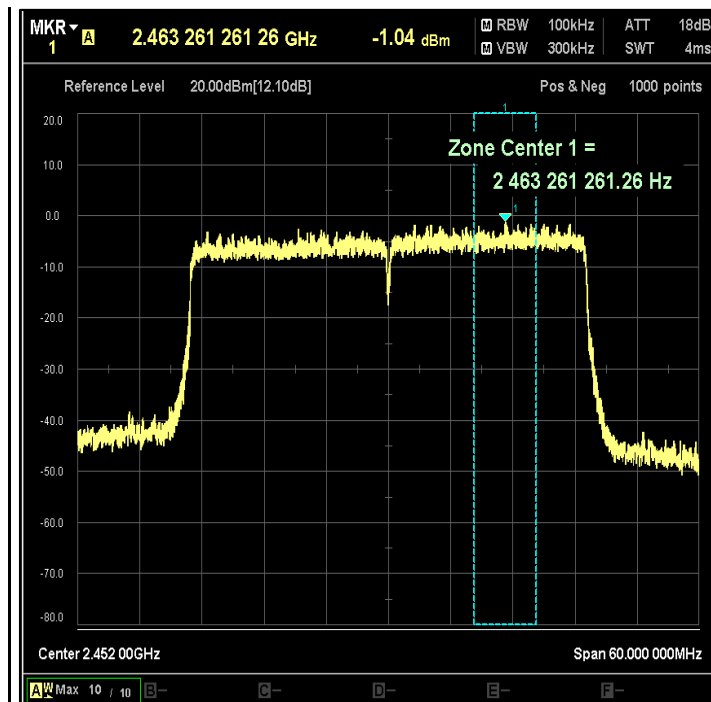
Modulation: 802.11ax-HE40
Data Rate : MCS0



Reference Plot Channel Frequency 2422MHz



Reference Plot Channel Frequency 2437MHz



Reference Plot Channel Frequency 2452MHz

Prüfbericht - Nr.:
Test Report No.:

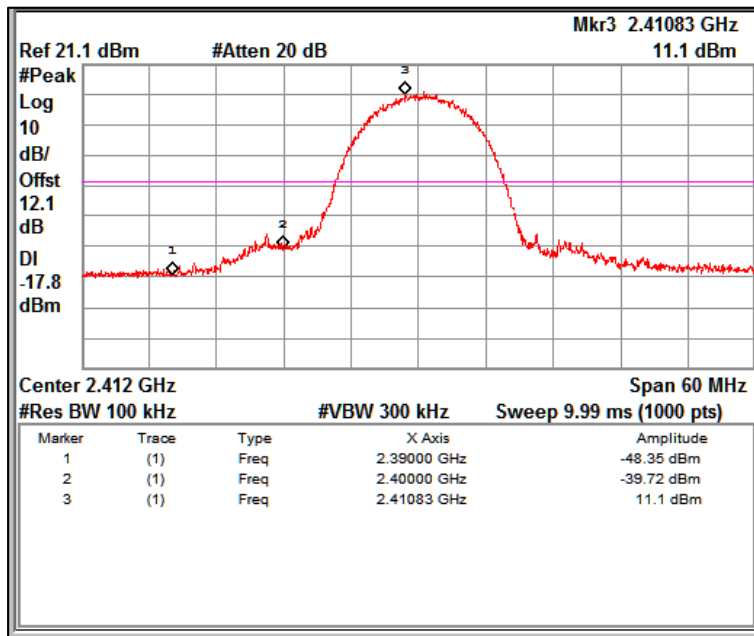
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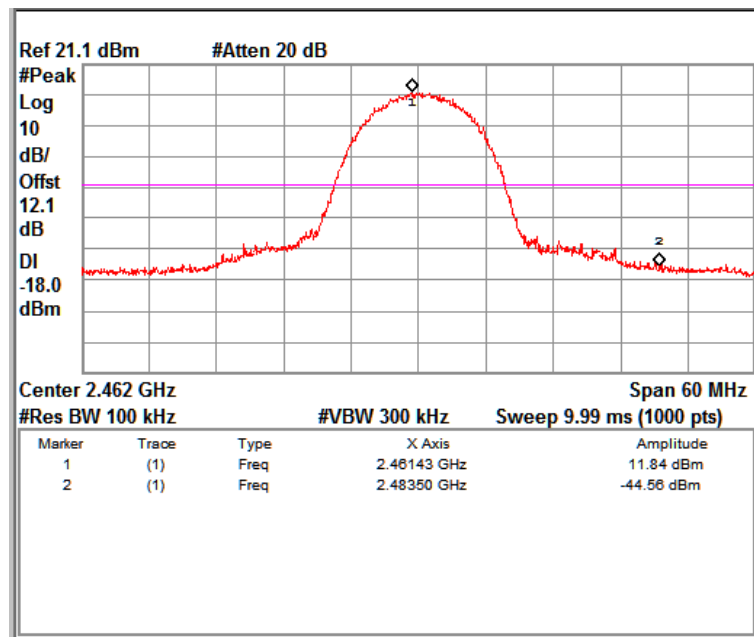
Modulation: 802.11b

Data Rate 11Mbps

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2412.00 | 2400.00 | -39.72 | 12.16 | -51.88 | -30 |
| 2462.00 | 2483.50 | -44.56 | 11.98 | -56.54 | -30 |



Channel Frequency 2412MHz



Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

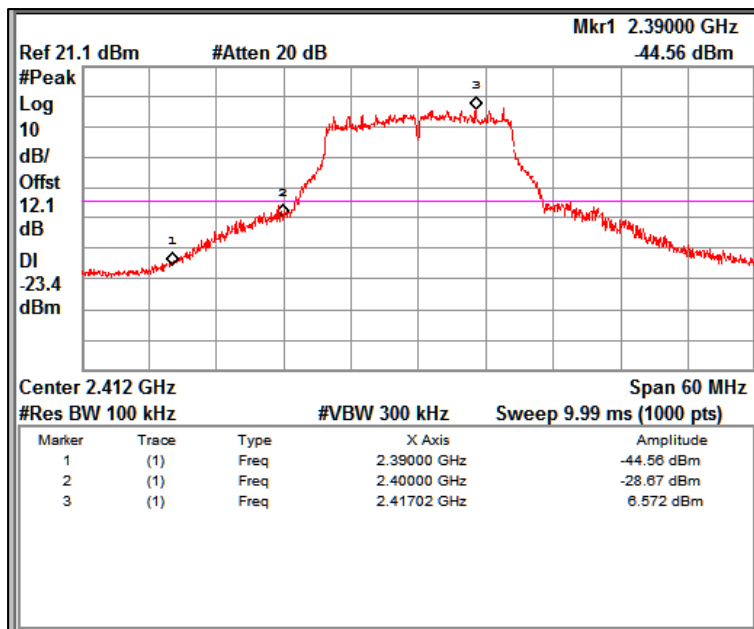
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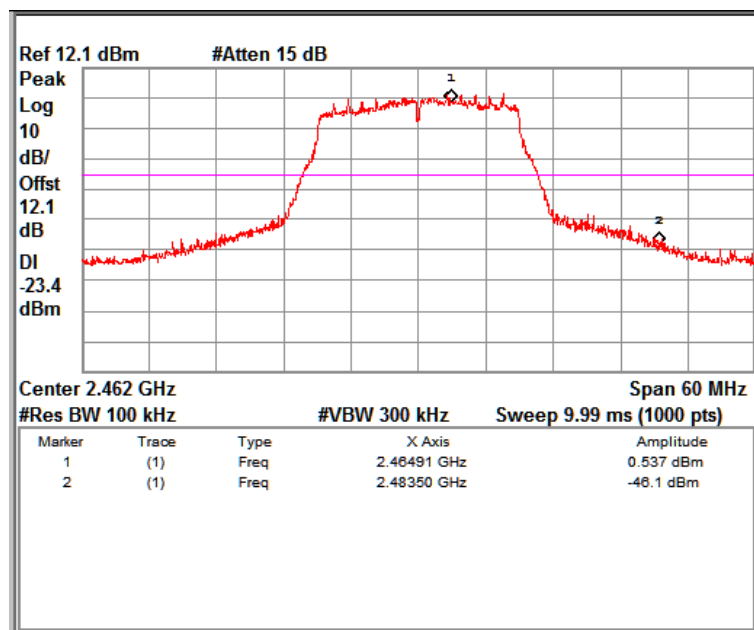
Modulation: 802.11g

Data Rate 6Mbps

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2412.00 | 2400.00 | -28.67 | 6.62 | -35.29 | -30 |
| 2462.00 | 2483.50 | -46.10 | 6.59 | -52.69 | -30 |



Channel Frequency 2412MHz



Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

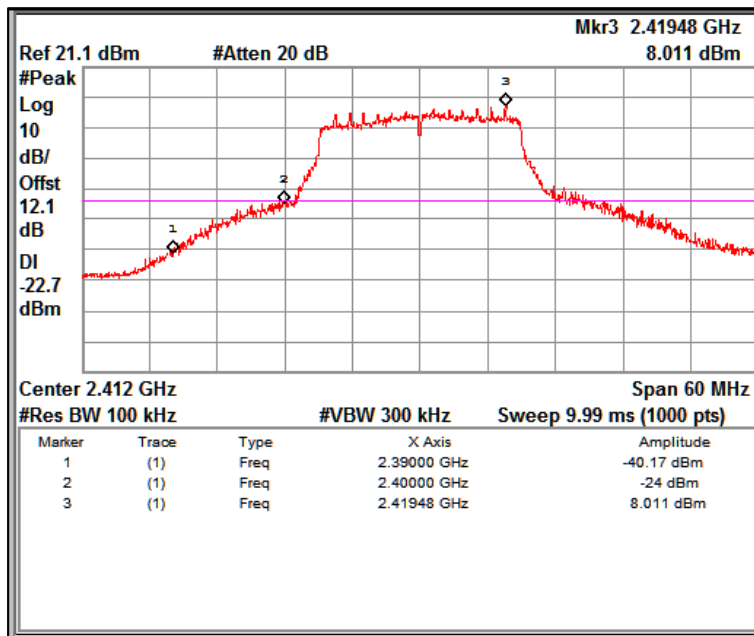
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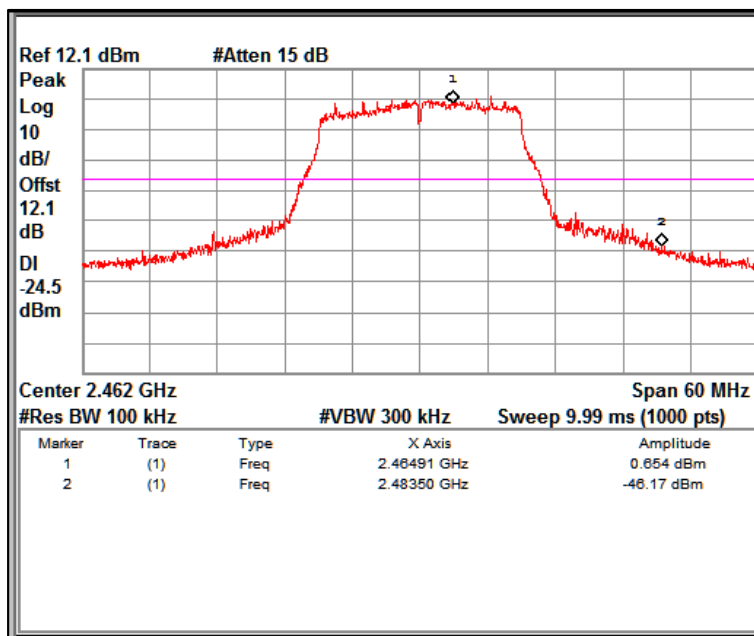
Modulation: 802.11n_HT20

Data Rate MCS0

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2412.00 | 2400.00 | -24.00 | 7.27 | -31.27 | -30 |
| 2462.00 | 2483.50 | -46.17 | 5.54 | -51.71 | -30 |



Channel Frequency 2412MHz



Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

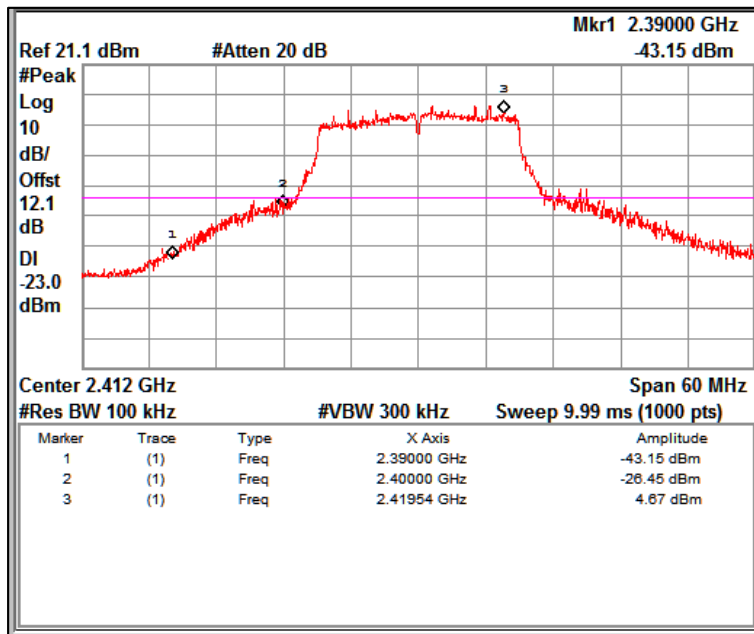
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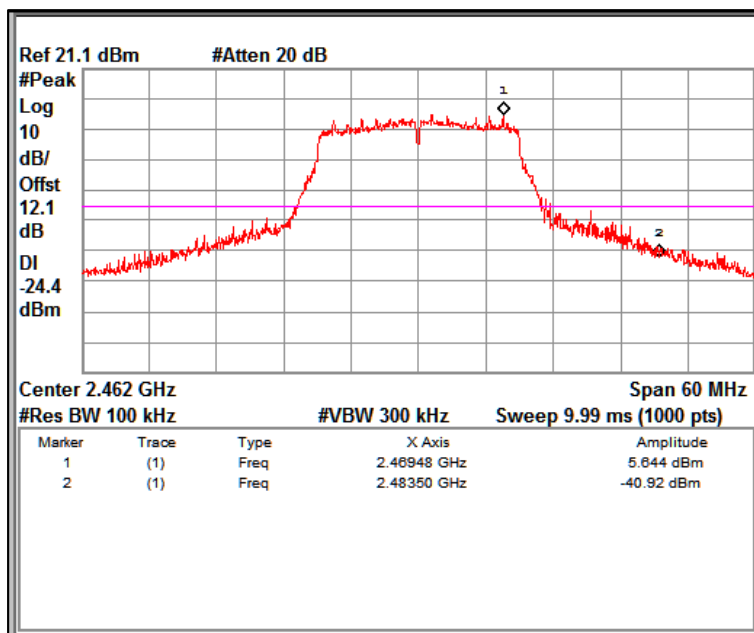
Modulation: 802.11ac-VHT_20

Data Rate : MCS0

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2412.00 | 2400.00 | -26.45 | 6.95 | -33.40 | -30 |
| 2462.00 | 2483.50 | -40.29 | 5.59 | -45.88 | -30 |



Channel Frequency 2412MHz



Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

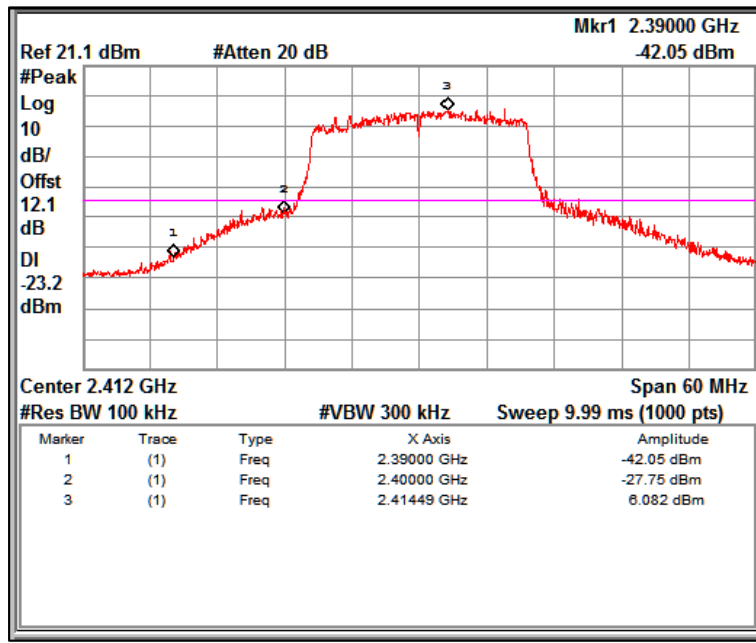
IN2391GP 001

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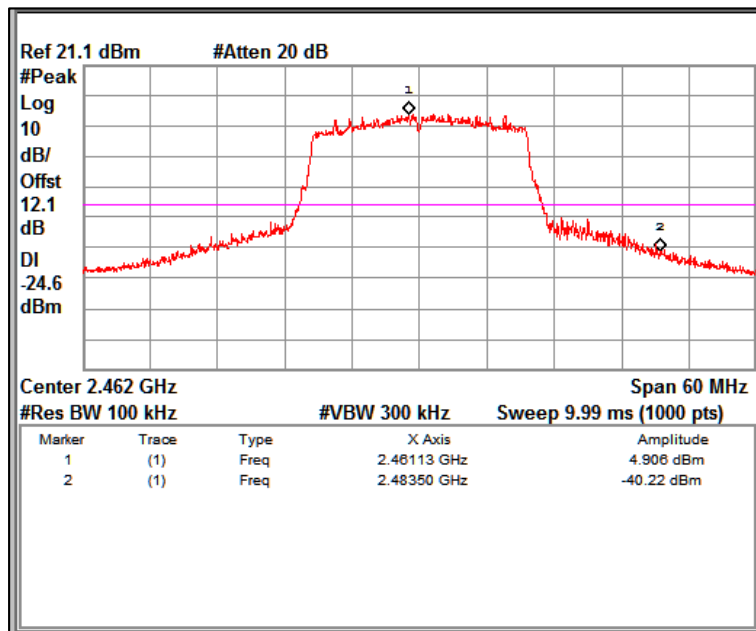
Modulation: 802.11ax-HE_20

Data Rate : MCS0

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2412.00 | 2400.00 | -27.75 | 6.82 | -34.57 | -30 |
| 2462.00 | 2483.50 | -40.22 | 5.35 | -45.57 | -30 |



Channel Frequency 2412MHz



Channel Frequency 2462MHz

Prüfbericht - Nr.:
Test Report No.:

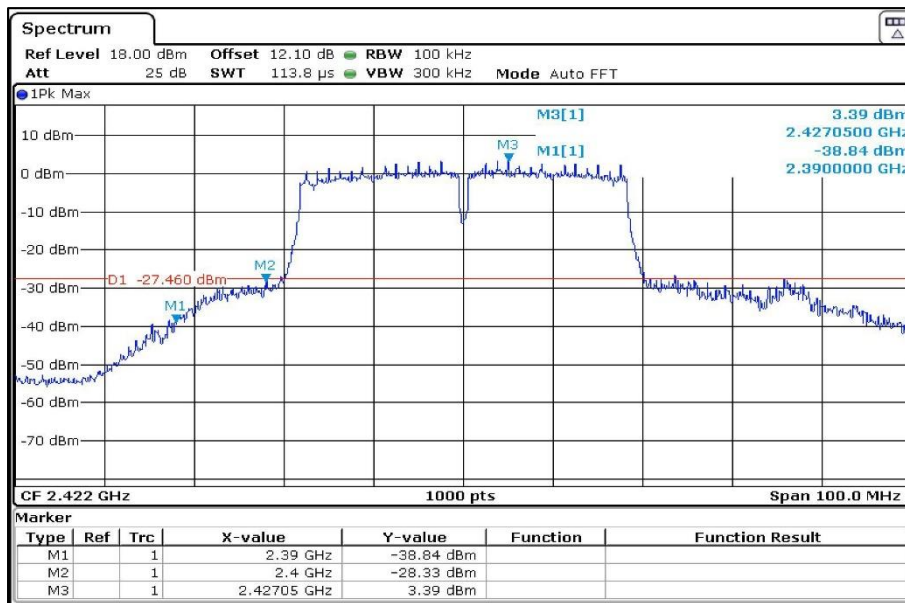
IN2391GP 001

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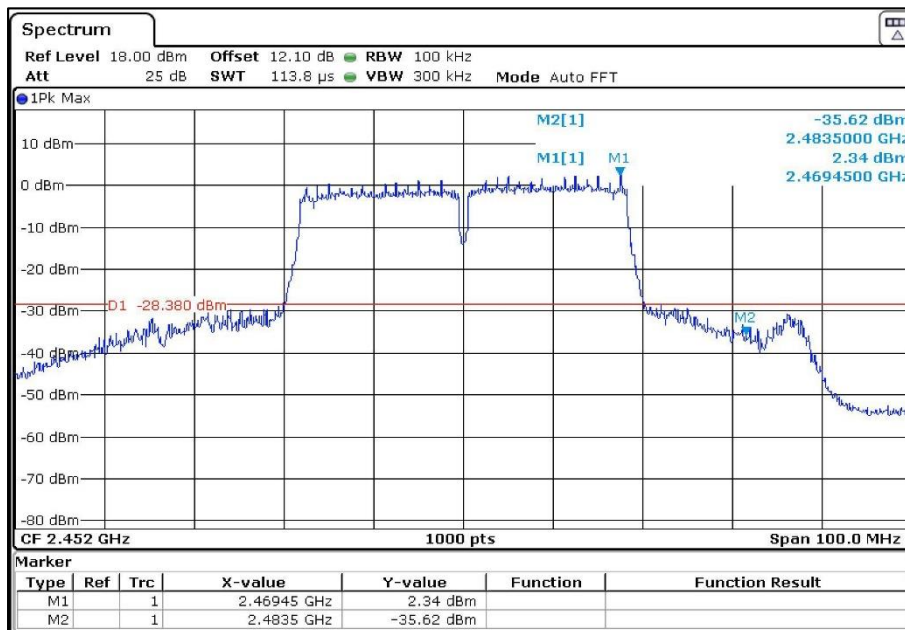
Modulation: 802.11n_HT40

Data Rate MCS0

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2422.00 | 2400.00 | -28.33 | 2.54 | -30.87 | -30 |
| 2452.00 | 2483.50 | -35.62 | 1.62 | -37.24 | -30 |



Channel Frequency 2422MHz

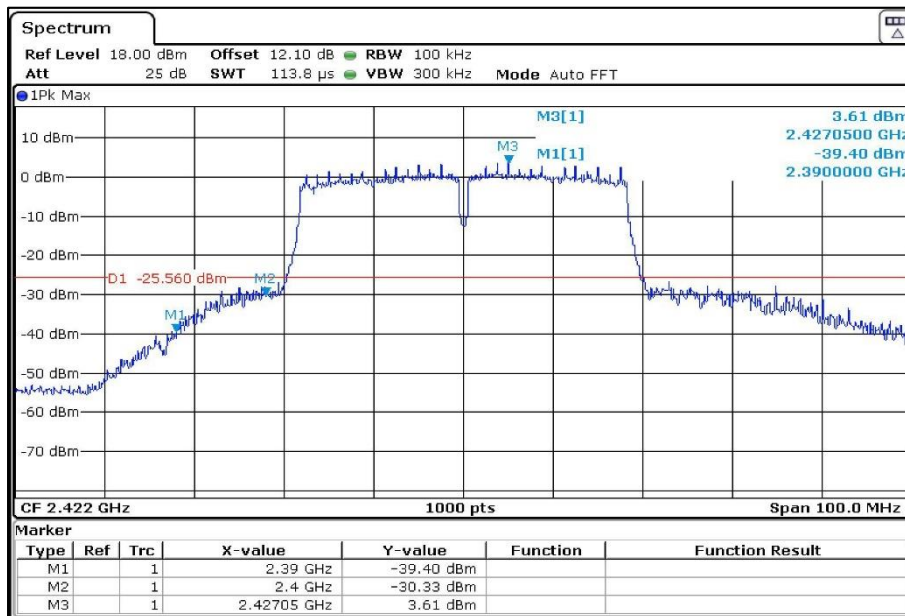


Channel Frequency 2452MHz

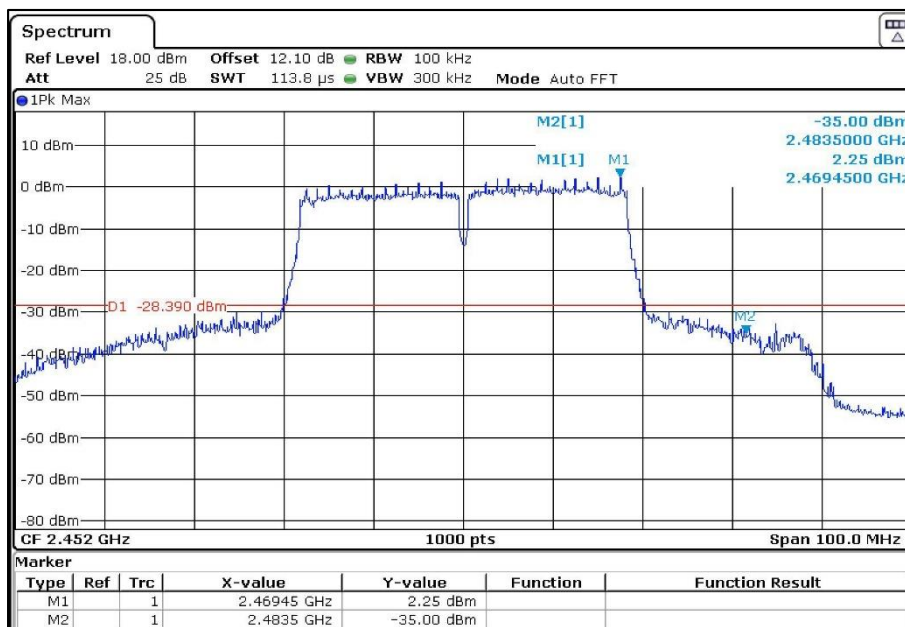
Modulation: 802.11ac_VHT40

Data Rate : MCS0

| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2422.00 | 2400.00 | -30.33 | 4.44 | -34.77 | -30 |
| 2452.00 | 2483.50 | -35.00 | 1.61 | -36.61 | -30 |



Channel Frequency 2422MHz



Channel Frequency 2452MHz

Prüfbericht - Nr.:
Test Report No.:

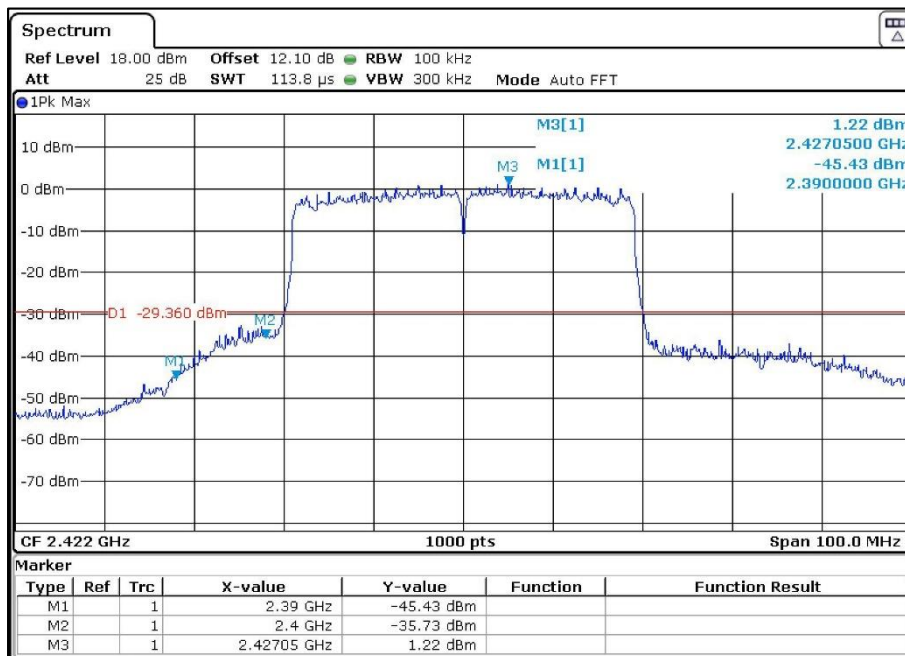
IN2391GP 001

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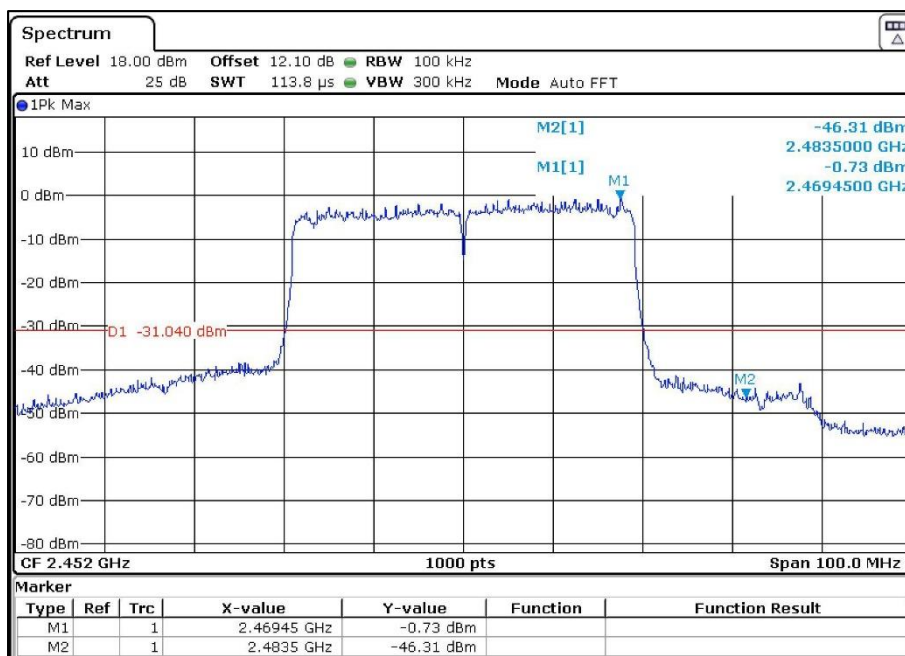
Modulation: 802.11ax_HE40

Data Rate : MCS0

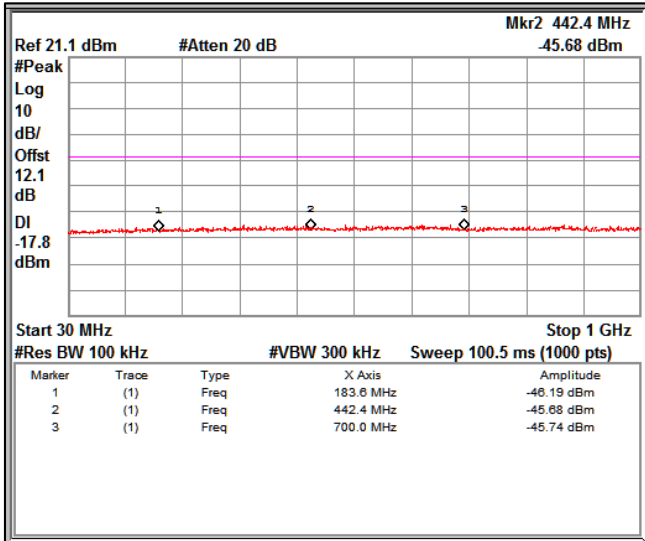
| Channel Frequency (MHz) | Band edge frequency (MHz) | Value at band edge (A) (dBm) | Reference value (B) (dBm) | A-B (dBc) | Minimum Limit (dBc) |
|-------------------------|---------------------------|------------------------------|---------------------------|-----------|---------------------|
| 2422.00 | 2400.00 | -35.73 | 0.64 | -36.37 | -30 |
| 2452.00 | 2483.50 | -46.31 | -0.04 | -46.27 | -30 |



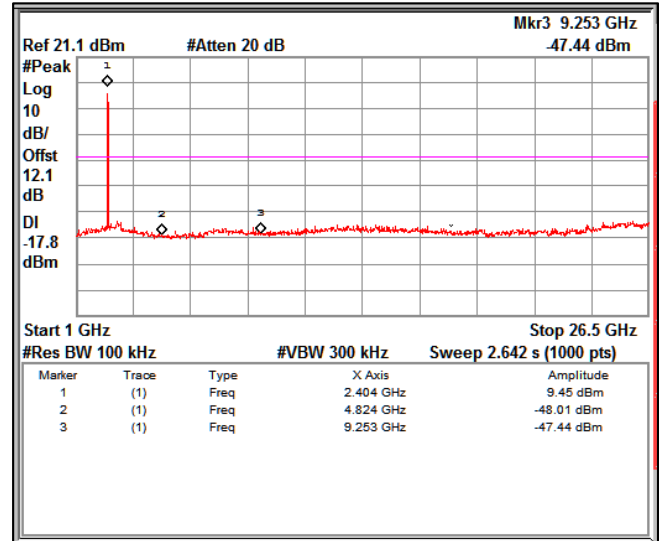
Channel Frequency 2422MHz



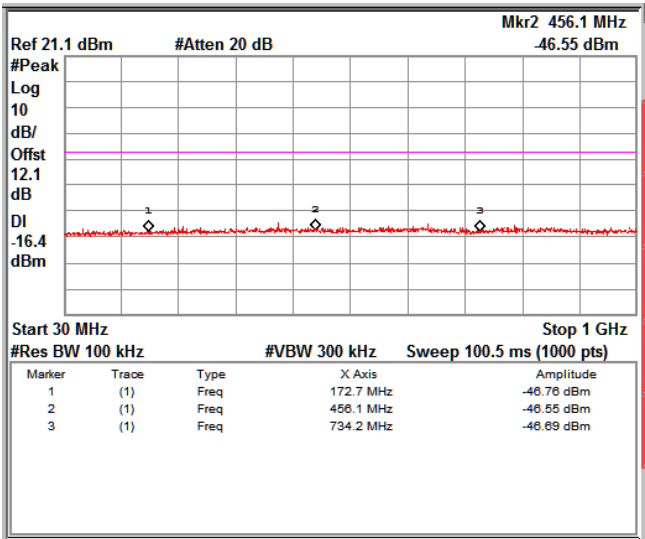
Channel Frequency 2452MHz

Modulation: 802.11b
Data Rate 11Mbps


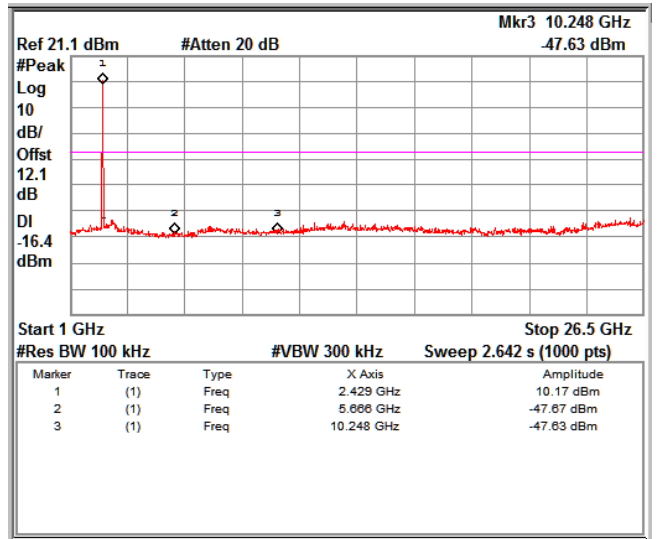
Channel Frequency 2412MHz Frequency Range 30MHz -1GHz



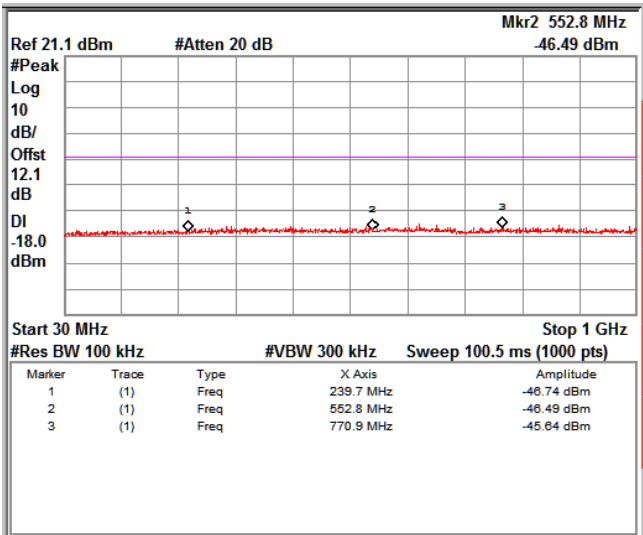
Channel Frequency 2412MHz Frequency Range 1GHz -26.5GHz



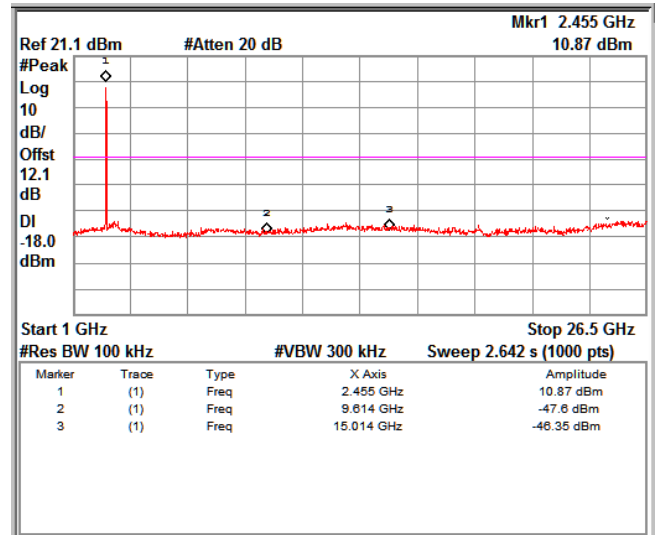
Channel Frequency 2437MHz Frequency Range 30MHz -1GHz



Channel Frequency 2437MHz Frequency Range 1GHz -26.5GHz

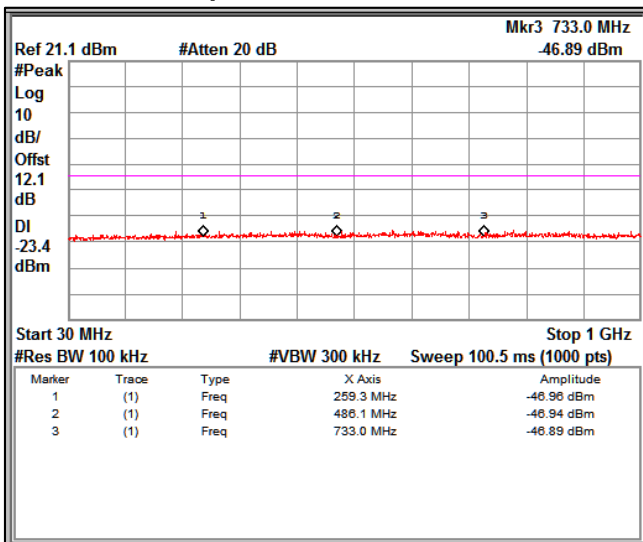


Channel Frequency 2462MHz Frequency Range 30MHz –1GHz

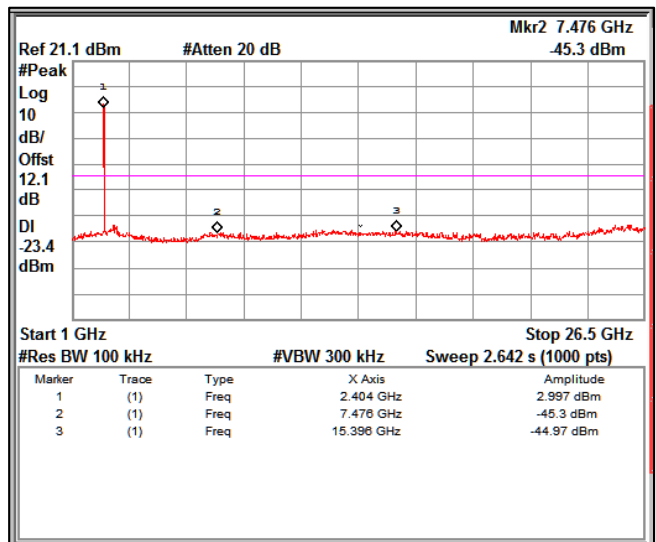


Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

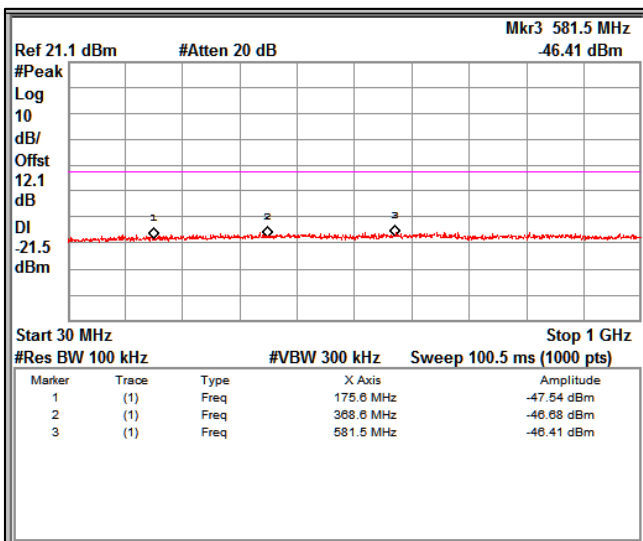
Modulation: 802.11g
Data Rate : 6Mbps



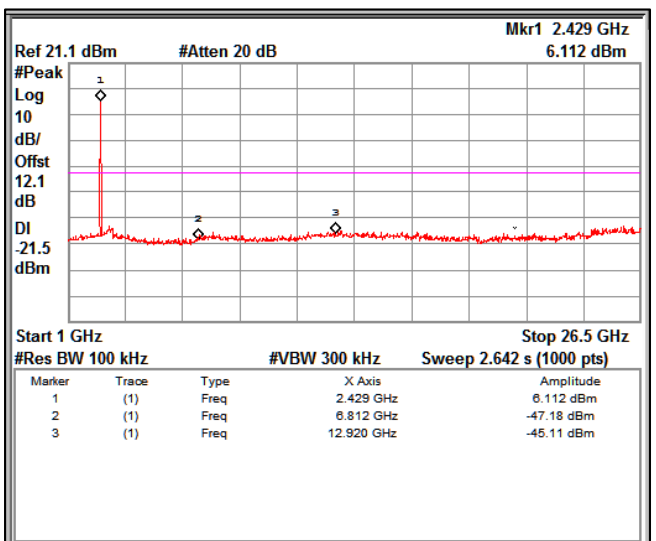
Channel Frequency 2412MHz Frequency Range 30MHz –1GHz



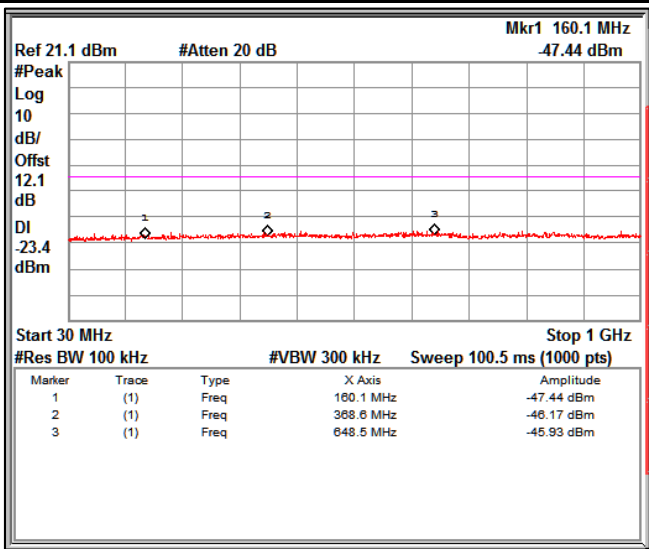
Channel Frequency 2412MHz Frequency Range 1GHz –26.5GHz



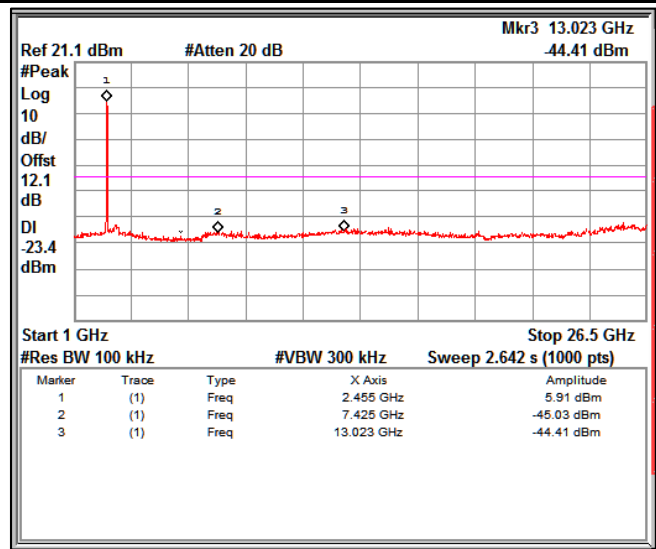
Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz



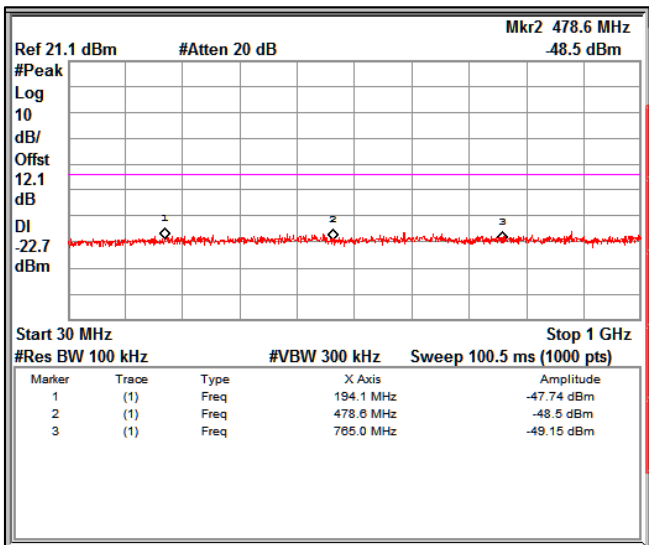
Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz



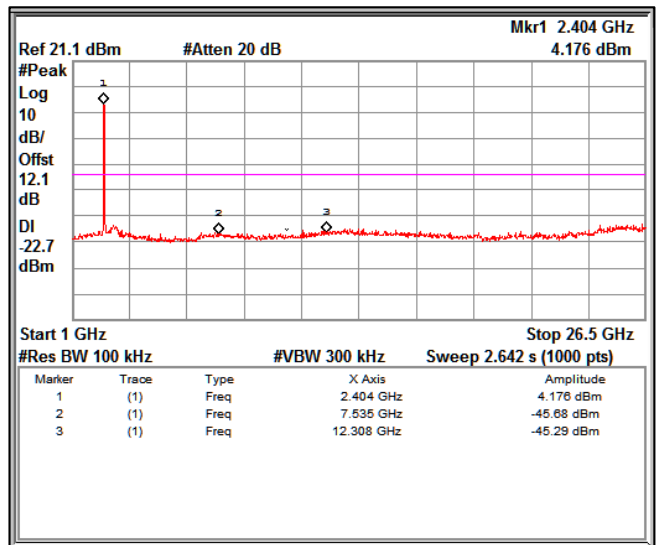
Channel Frequency 2462MHz Frequency Range 30MHz -1GHz



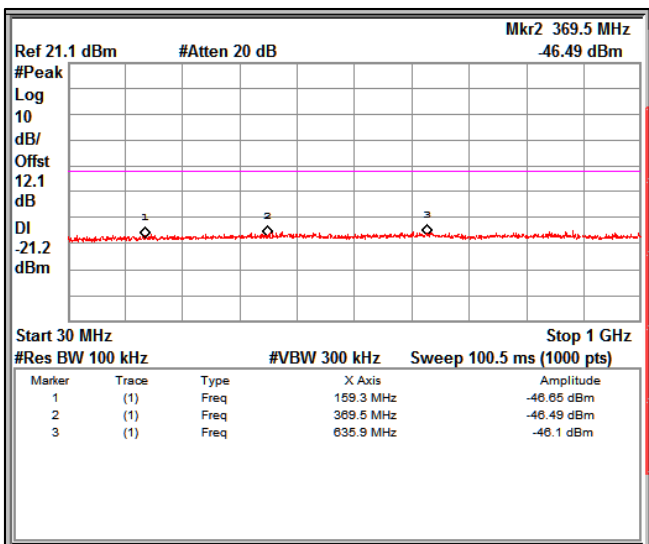
Channel Frequency 2462MHz Frequency Range 1GHz -26.5GHz

Modulation: 802.11n-HT_20
Data Rate : MCS0


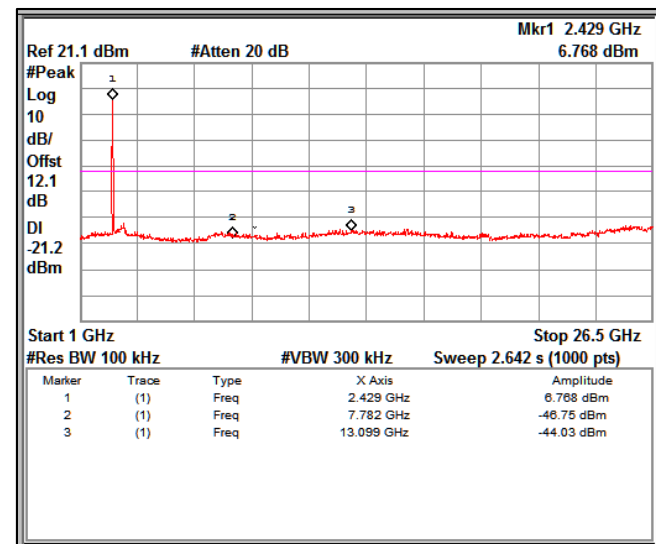
Channel Frequency 2412MHz Frequency Range 30MHz -1GHz



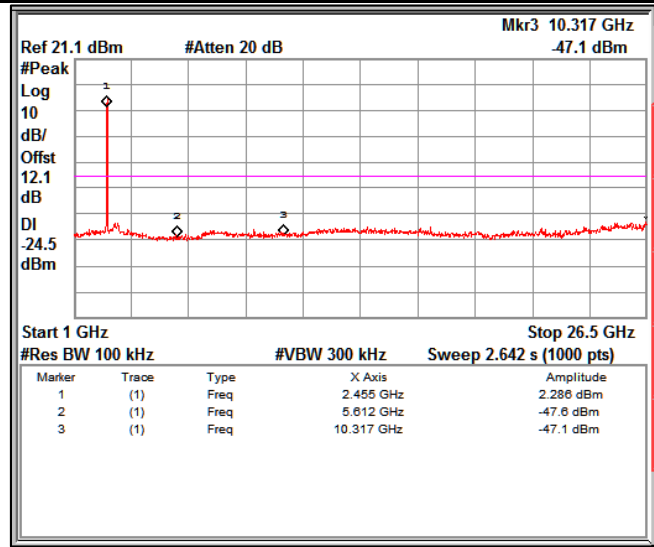
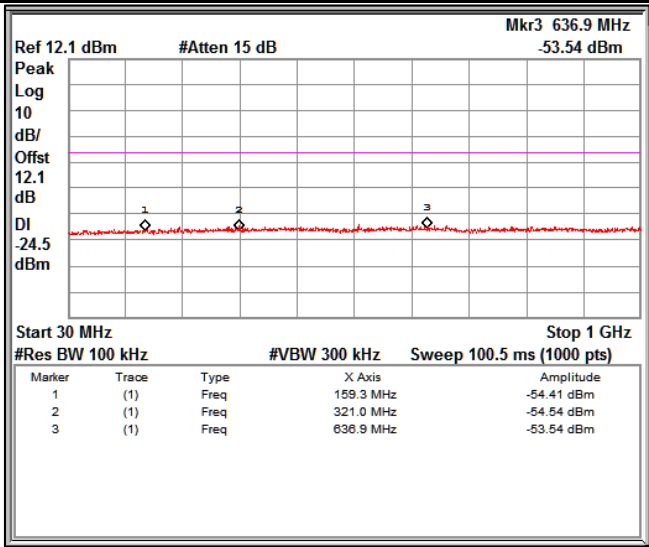
Channel Frequency 2412MHz Frequency Range 1GHz -26.5GHz



Channel Frequency 2437MHz Frequency Range 30MHz -1GHz

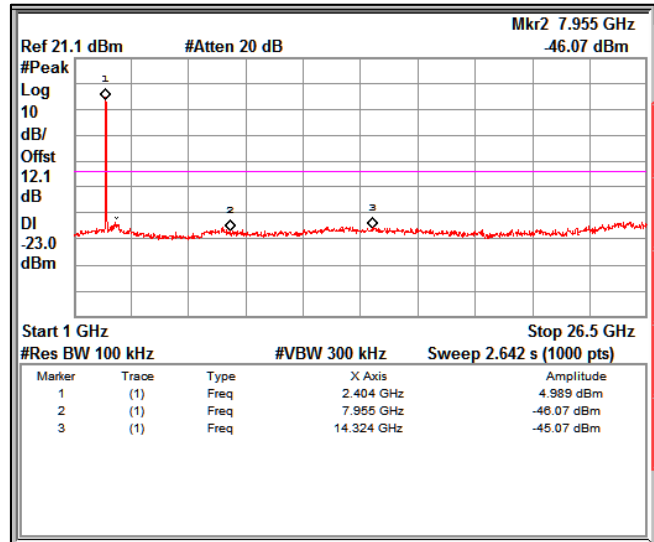
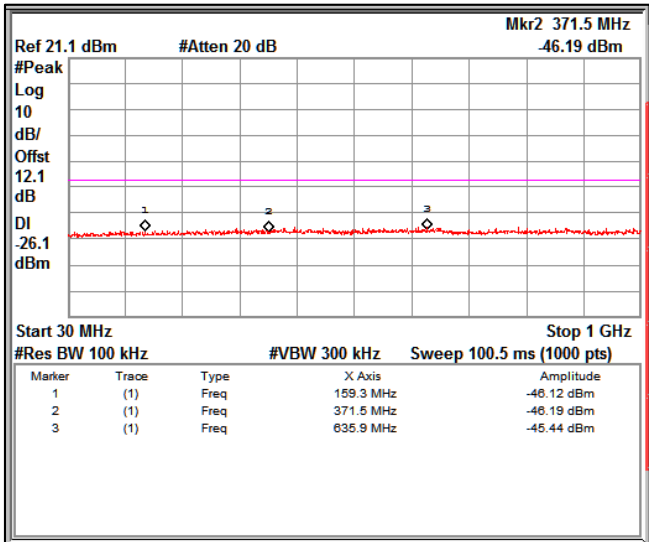


Channel Frequency 2437MHz Frequency Range 1GHz -26.5GHz



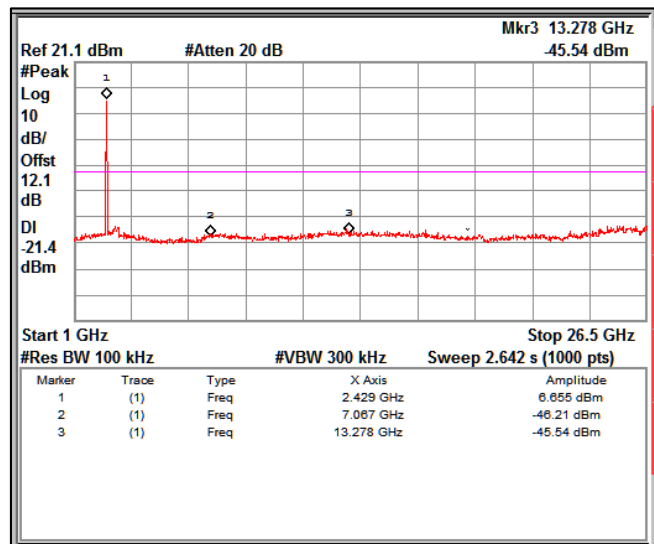
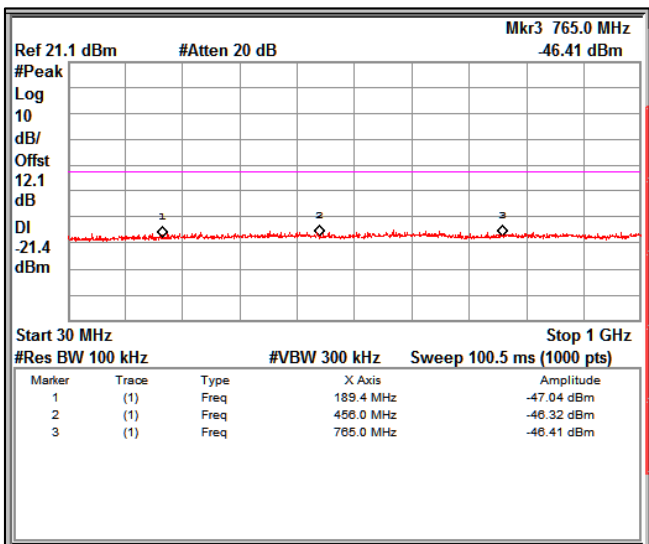
Channel Frequency 2462MHz Frequency Range 30MHz-1GHz

Channel Frequency 2462MHz Frequency Range 1GHz-26.5GHz

Modulation: 802.11ac-VHT_20
Data Rate : MCS0


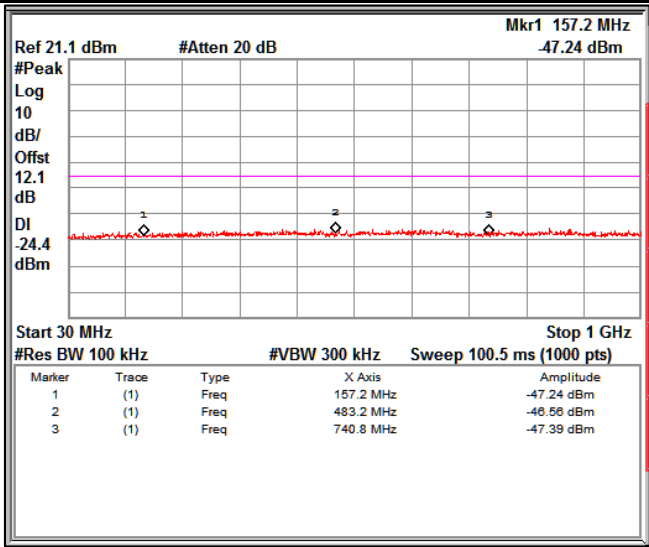
Channel Frequency 2412MHz Frequency Range 30MHz-1GHz

Channel Frequency 2412MHz Frequency Range 1GHz-26.5GHz

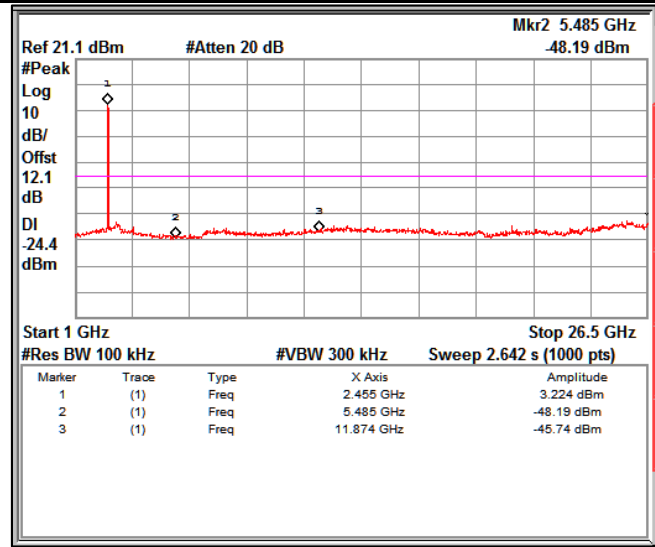


Channel Frequency 2437MHz Frequency Range 30MHz-1GHz

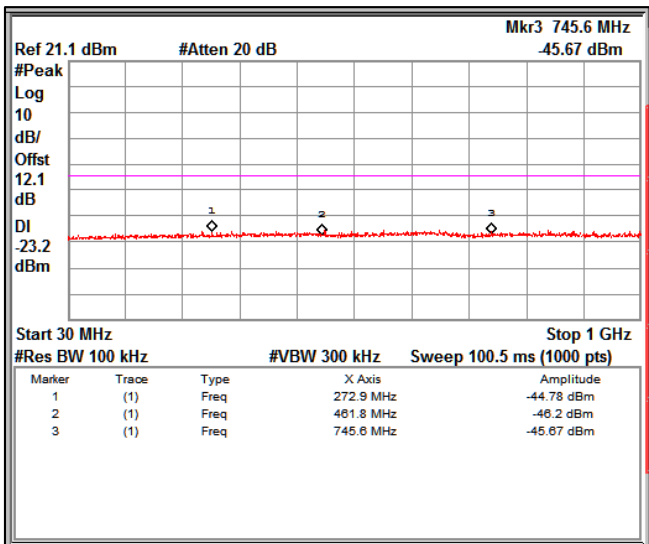
Channel Frequency 2437MHz Frequency Range 1GHz-26.5GHz



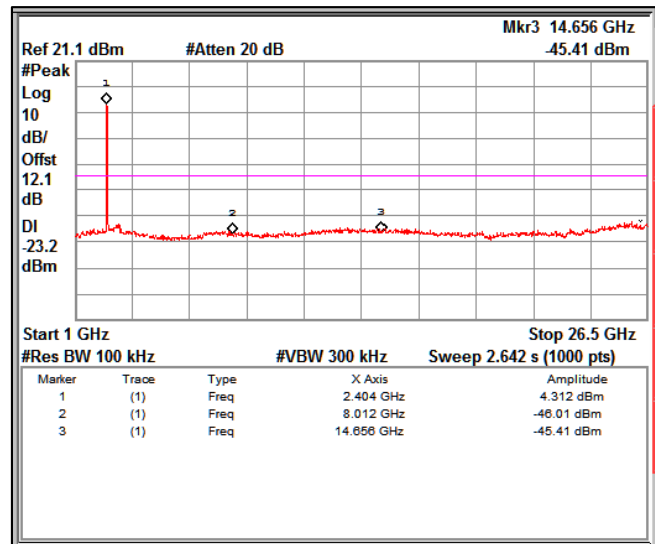
Channel Frequency 2462MHz Frequency Range 30MHz –1GHz



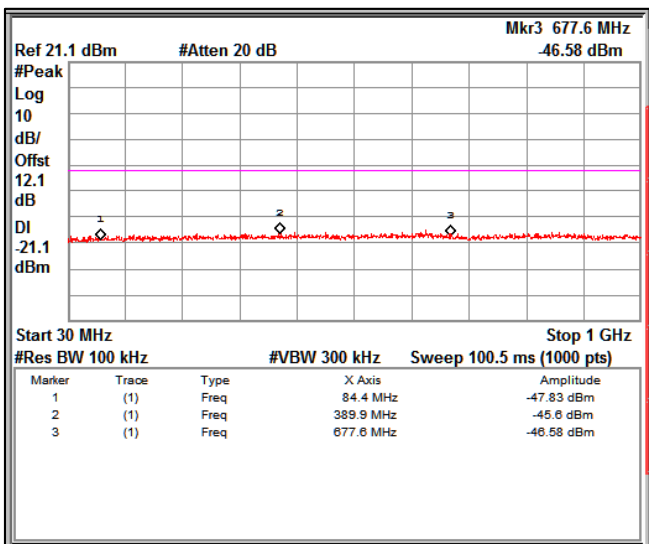
Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

Modulation: 802.11ax-HE_20
Data Rate : MCS0


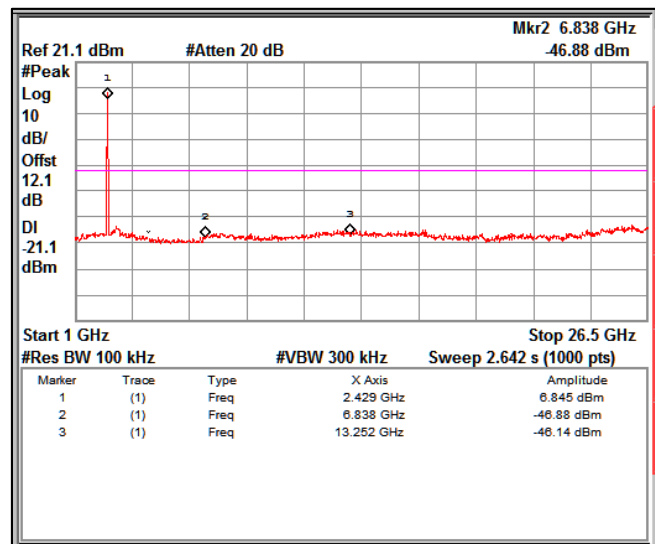
Channel Frequency 2412MHz Frequency Range 30MHz –1GHz



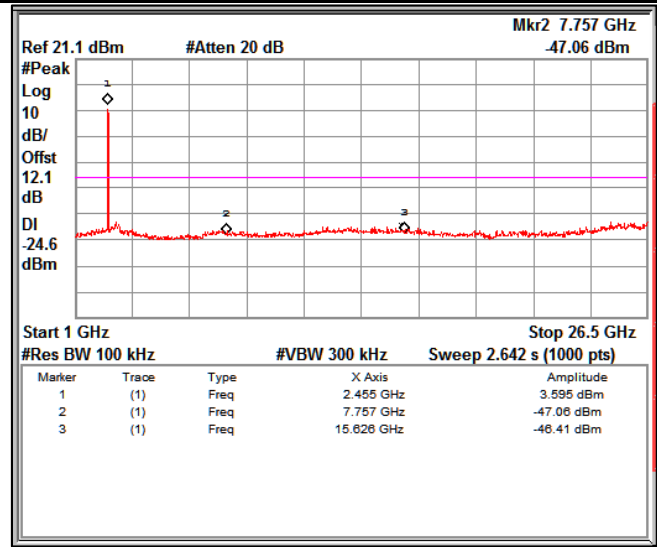
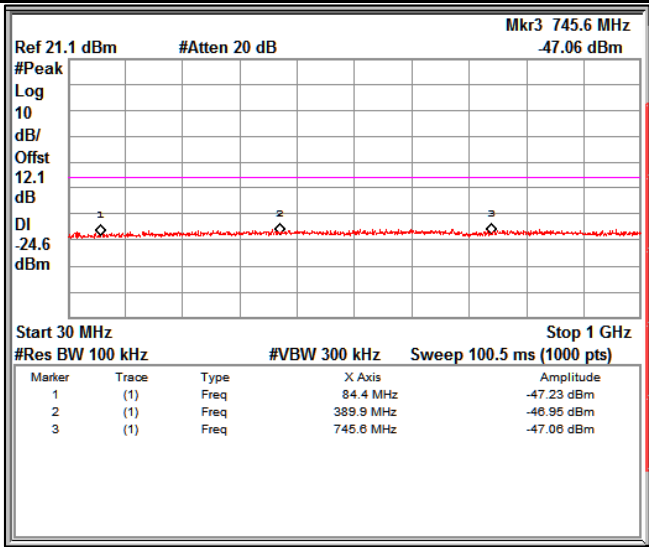
Channel Frequency 2412MHz Frequency Range 1GHz –26.5GHz



Channel Frequency 2437MHz Frequency Range 30MHz –1GHz



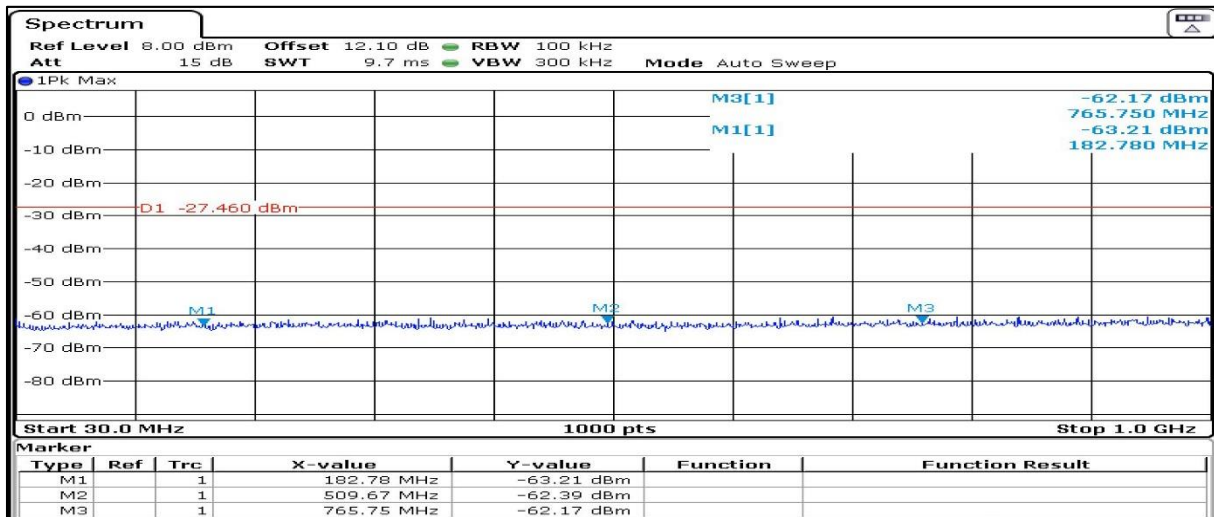
Channel Frequency 2437MHz Frequency Range 1GHz –26.5GHz



Channel Frequency 2462MHz Frequency Range 30MHz –1GHz

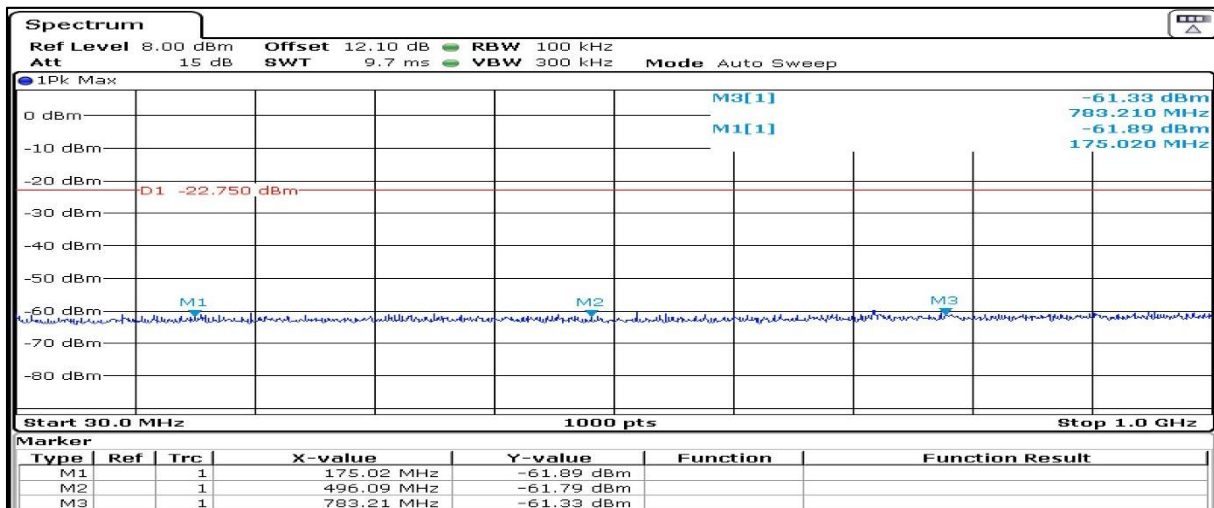
Channel Frequency 2462MHz Frequency Range 1GHz –26.5GHz

Modulation: 802.11n-HT_40
Data Rate : MCS0



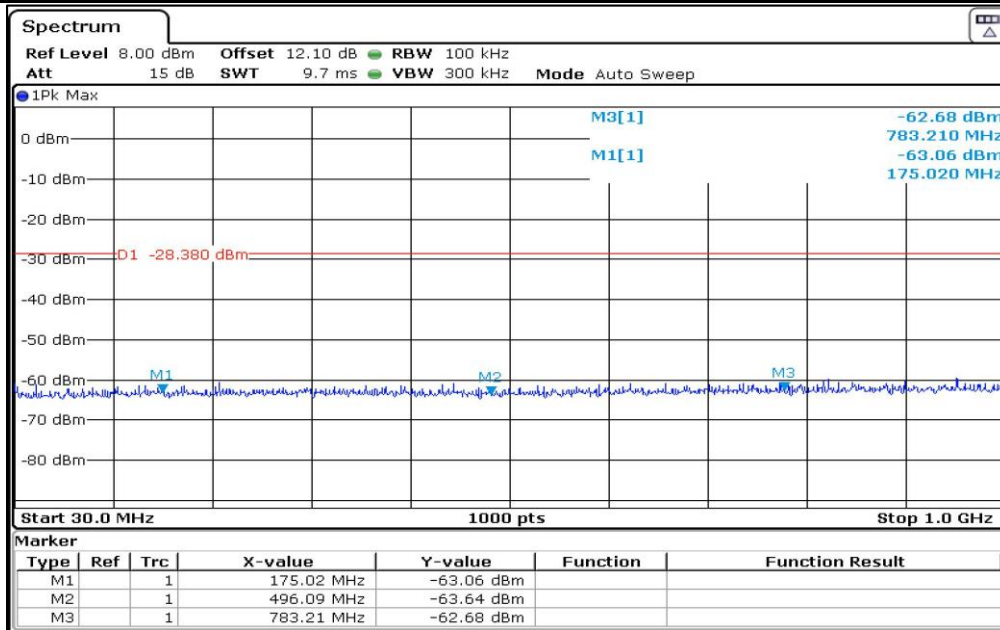
Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



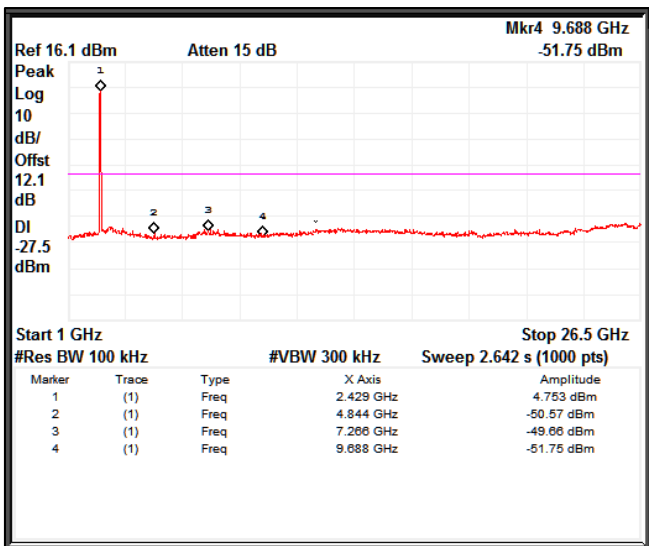
Channel frequency 2437MHz

Frequency Range 30MHz –1GHz



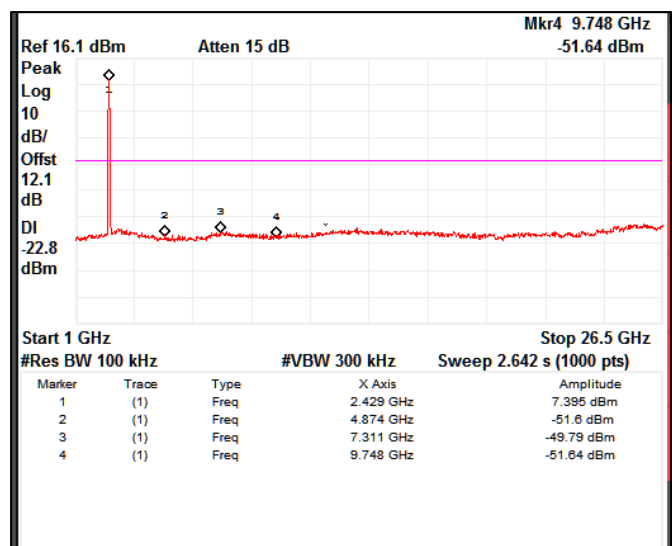
Channel frequency 2452MHz

Frequency Range 30MHz – 1GHz



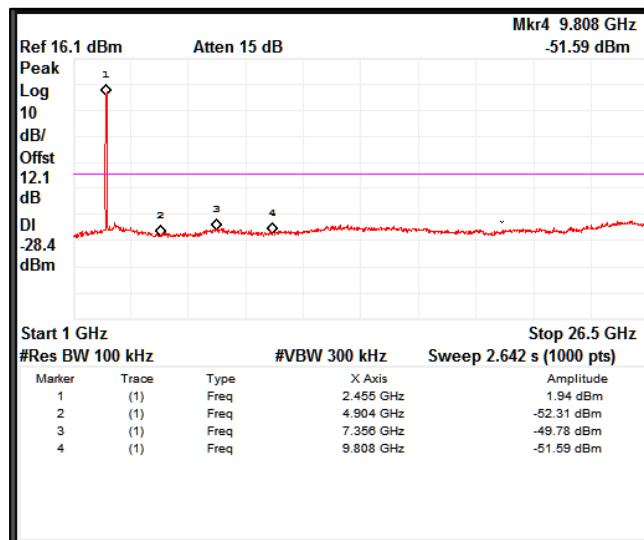
Channel frequency 2422MHz

Frequency Range 1GHz – 26.5GHz



Channel frequency 2437MHz

Frequency Range 1GHz – 26.5GHz



Channel frequency 2452MHz

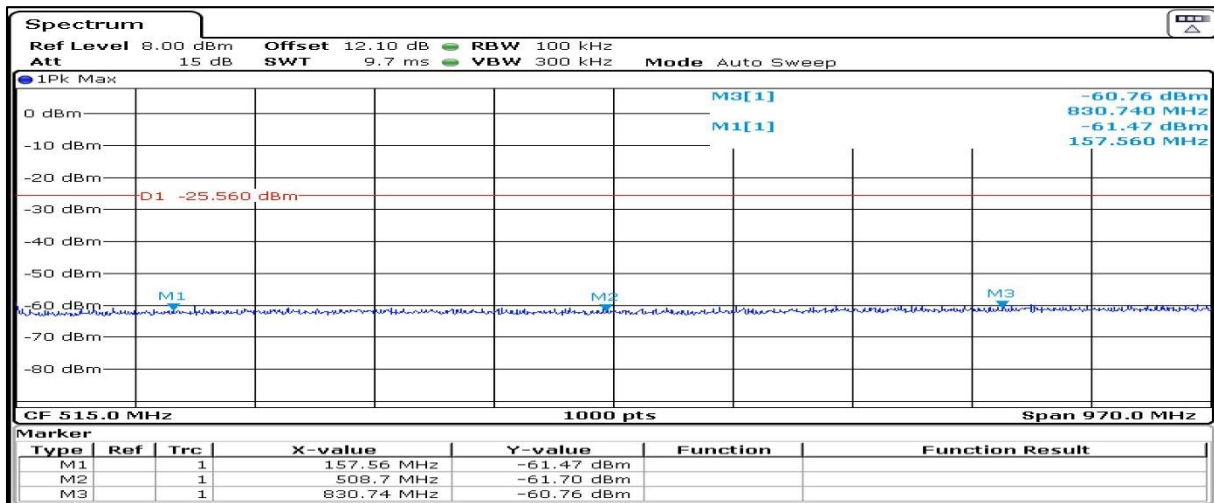
Frequency Range 1GHz – 26.5GHz

Prüfbericht - Nr.:
Test Report No.:

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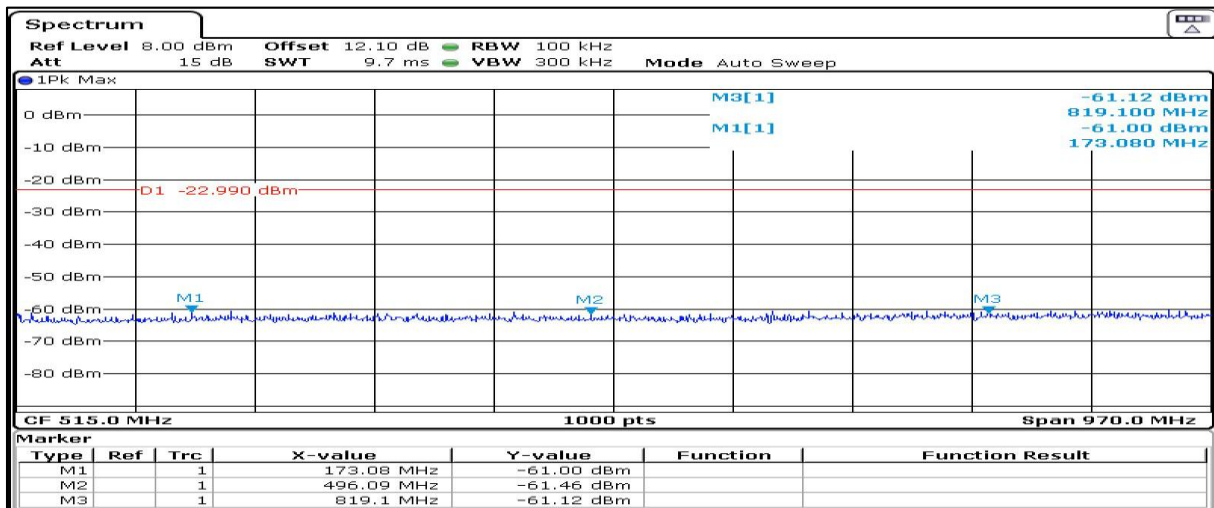
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Modulation: 802.11ac-VHT_40
Data Rate : MCS0



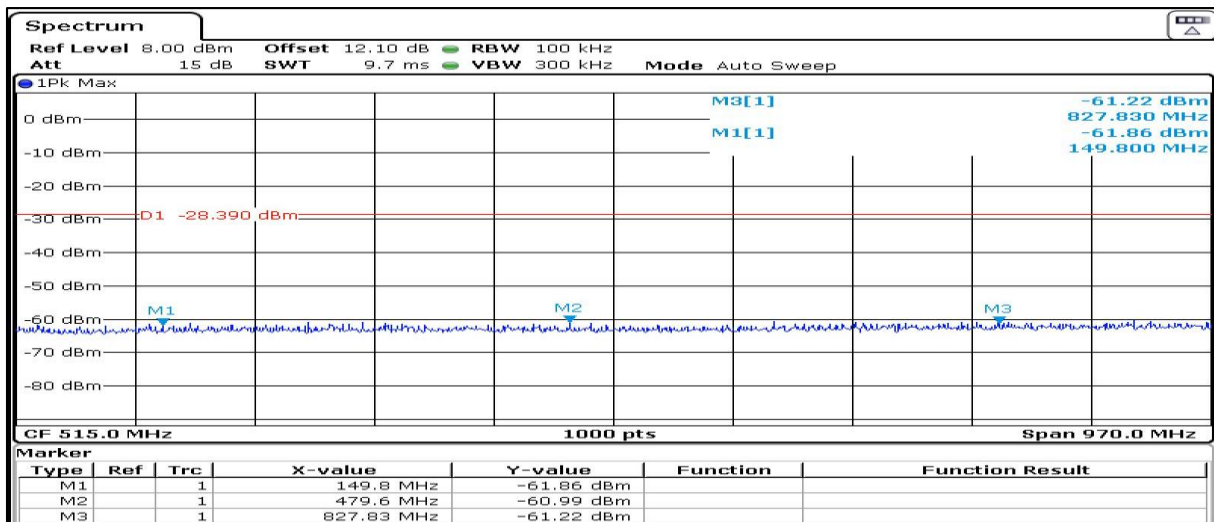
Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



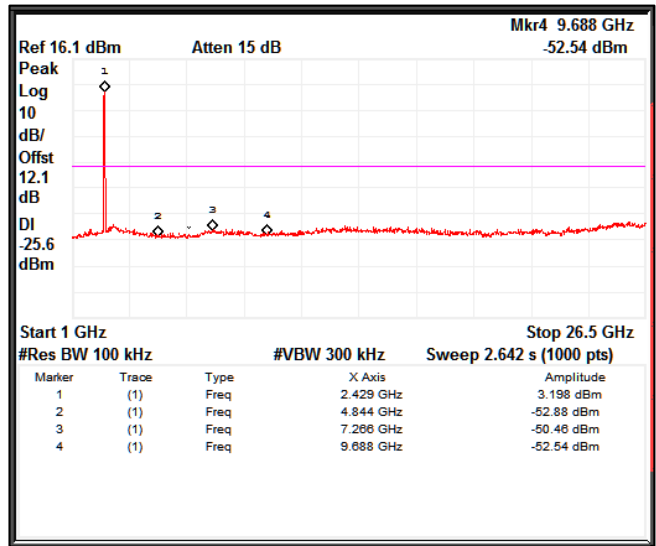
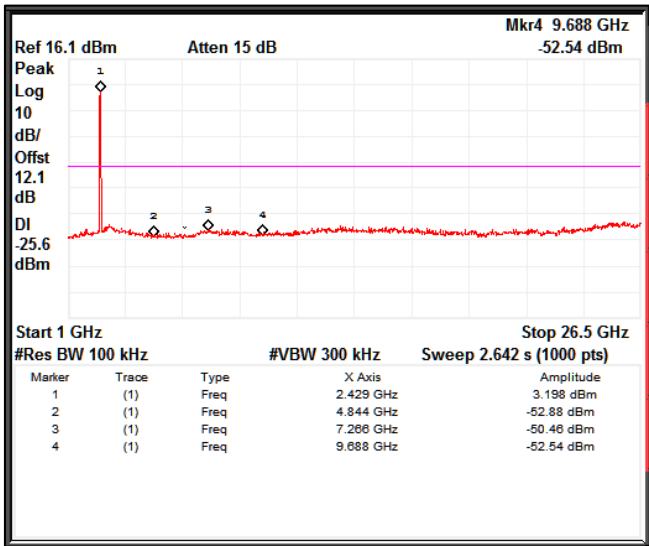
Channel frequency 2437MHz

Frequency Range 30MHz –1GHz



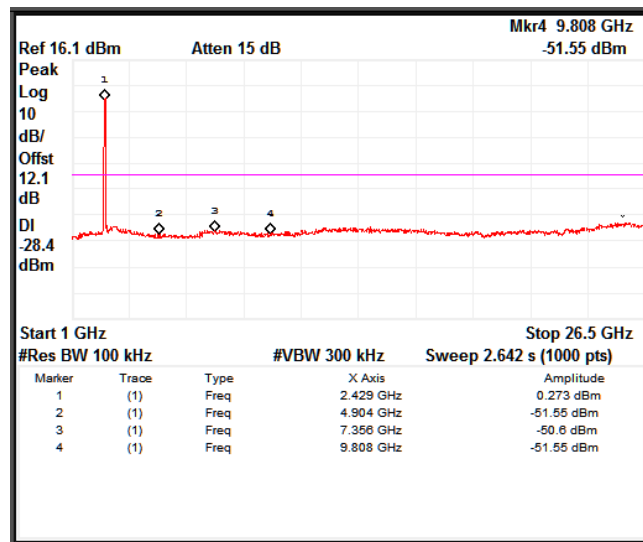
Channel frequency 2452MHz

Frequency Range 30MHz –1GHz



Channel frequency 2422MHz Frequency Range 1GHz –26.5GHz

Channel frequency 2437MHz Frequency Range 1GHz –26.5GHz



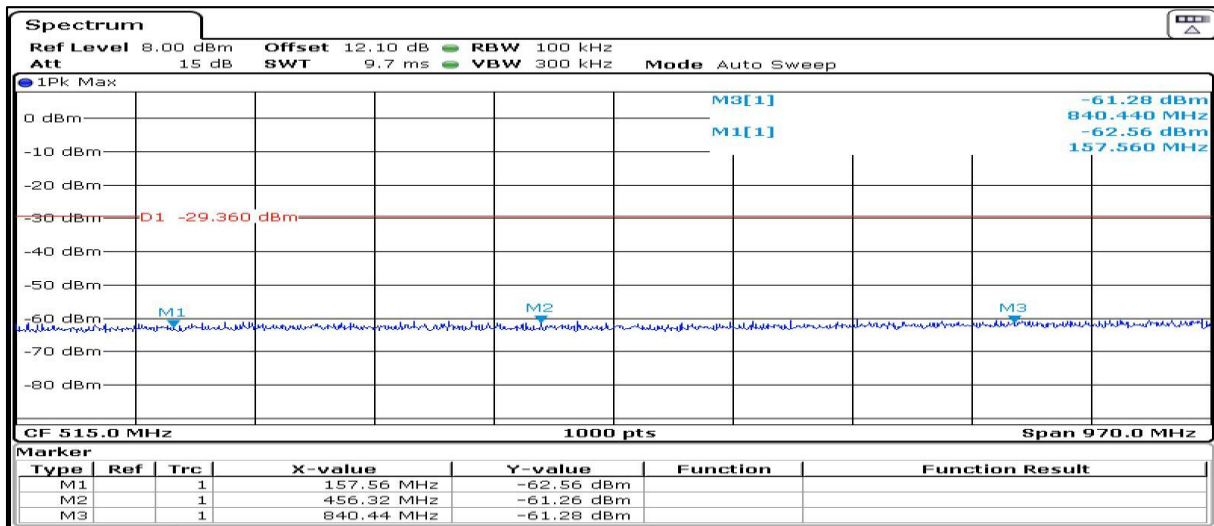
Channel frequency 2452MHz Frequency Range 1GHz –26.5GHz

Prüfbericht - Nr.:
Test Report No.:

IN2391GP 001

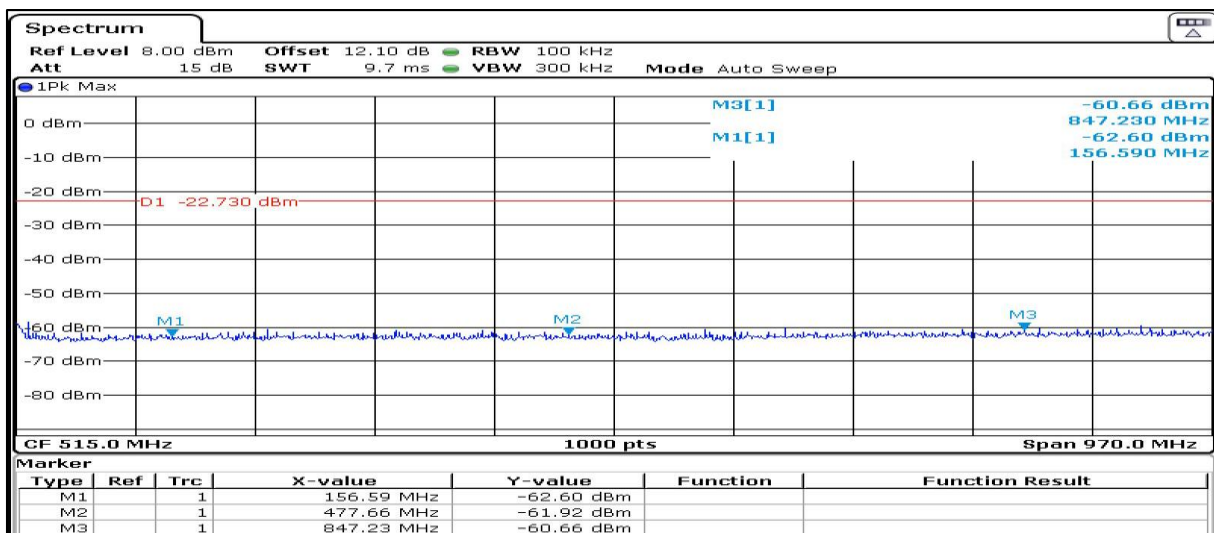
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Modulation: 802.11ax-HE_40
Data Rate : MCS0



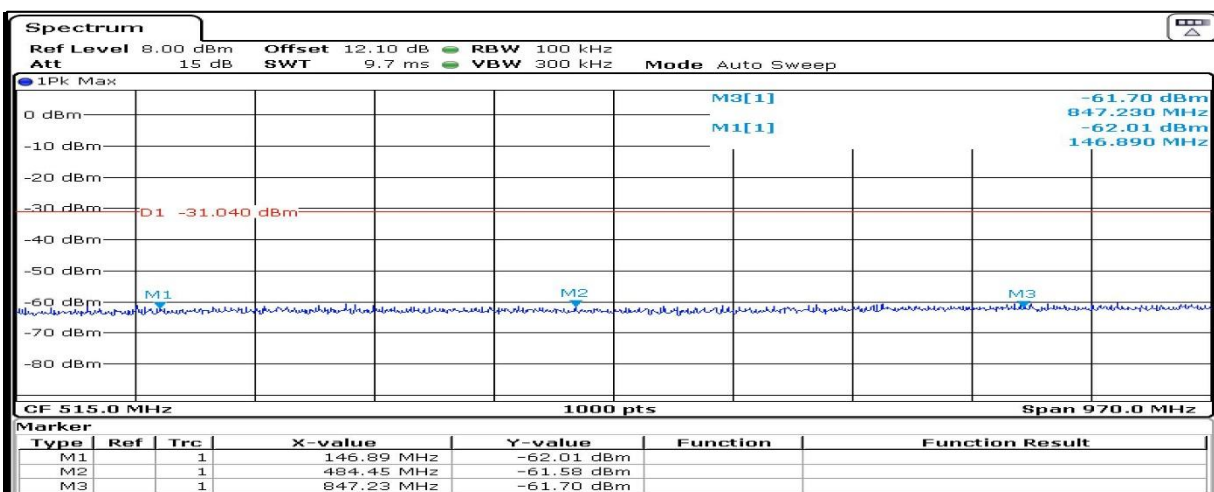
Channel frequency 2422MHz

Frequency Range 30MHz –1GHz



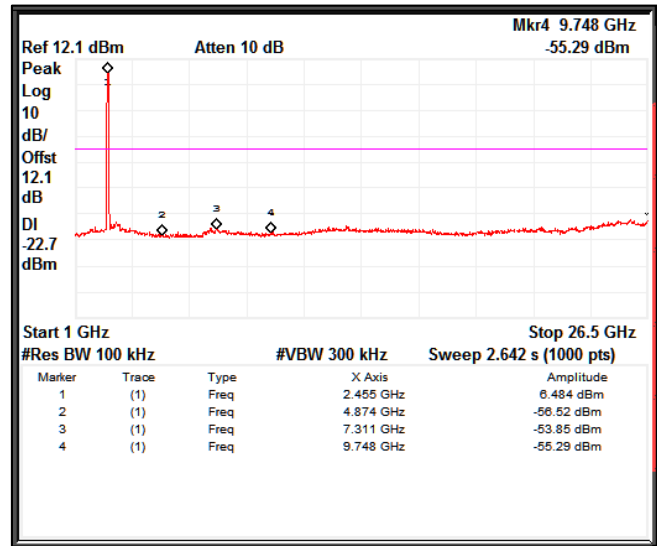
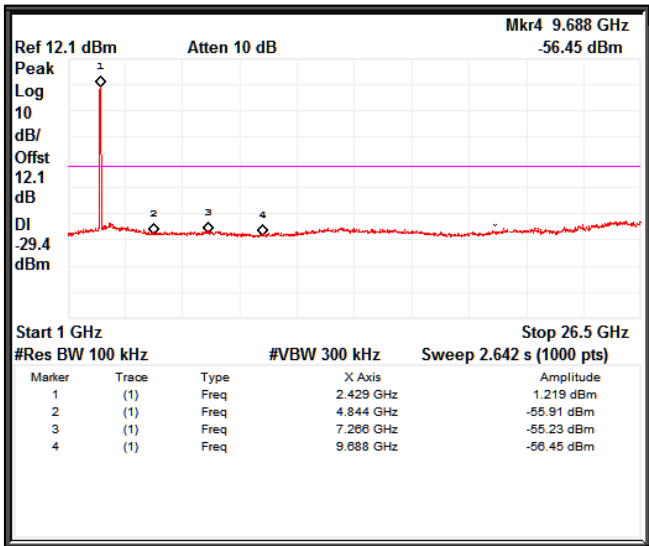
Channel frequency 2437MHz

Frequency Range 30MHz –1GHz



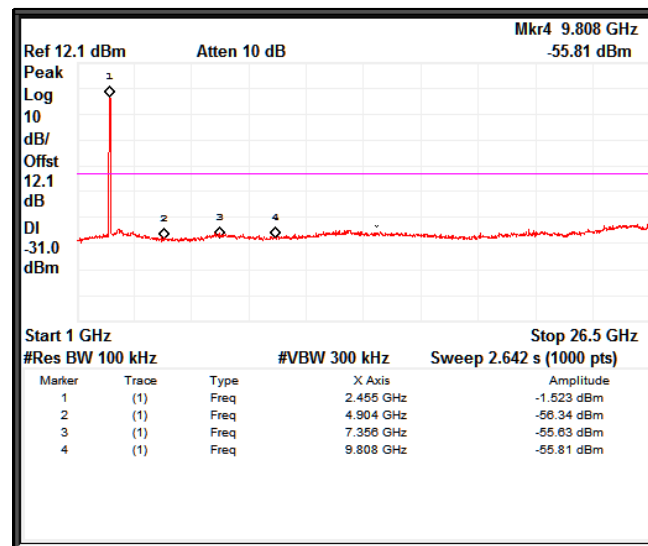
Channel frequency 2452MHz

Frequency Range 30MHz –1GHz



Channel frequency 2422MHz Frequency Range 1GHz –26.5GHz

Channel frequency 2437MHz Frequency Range 1GHz –26.5GHz



Channel frequency 2452MHz Frequency Range 1GHz –26.5GHz

7.5 Spurious Radiated Emissions & Restricted Bands of Operation

| Result | Pass |
|-----------------------|---|
| Test Specification | FCC part 15 Subpart C 15.247 (d) / (15.209 & 15.205) / IC RSS-GEN, Section 8.9 and 8.10 |
| Test Method | ANSI C63.10 |
| Measurement Location | Semi Anechoic Chamber 30MHz - 1 GHz Fully Anechoic Chamber 1 GHz - 40GHz |
| Measurement Bandwidth | 100 kHz for frequency range < 1GHz 1 MHz for Frequency range >1GHz |
| Detector | Refer remarks below |
| Measuring Distance | 3 m |
| Requirement | As per the limits mentioned in the below table |
| Test setup | Refer Clause 7 TEST METHODOLOGY |

Table 7: Transmitter limits for Radiated emission

| Frequency (MHz) | Field strength (µV/m) | Field strength (dBµV/m) | Distance of Measurement (m) |
|------------------------|------------------------------|--------------------------------|------------------------------------|
| 0.009 – 0.490 | 2400/F(kHz) | 48.50 – 13.80 | 300* |
| 0.490 – 1.705 | 24000/F(kHz) | 33.80 – 23.00 | 30* |
| 1.705 -30 | 30 | 29.54 | 30* |
| 30-88 | 100 | 40.0 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46.0 | 3 |
| Above 960 | 500 | 54.0 | 3 |

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBµV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Conditions:

Temperature (Norm) = + 25 °C Voltage = 3.3 V DC through AC to Dc adaptor Relative humidity = 62 %

Test results:

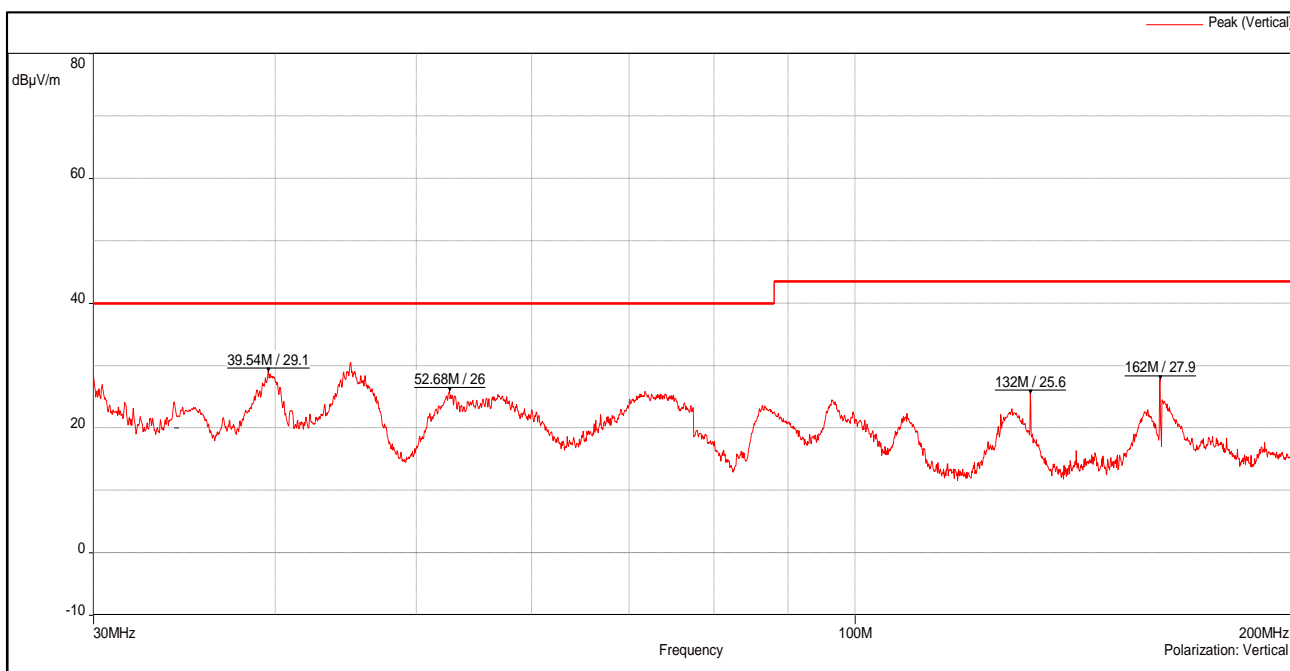
Note: All the losses are included during measurement and final values are mentioned in the test report. Refer Clause 7 TEST METHODOLOGY for more details

Test results for frequency range 9kHz – 30MHz

No emissions found in frequency range 9 kHz to 30 MHz, and measured levels are below 20dB from the limit line, hence not reported

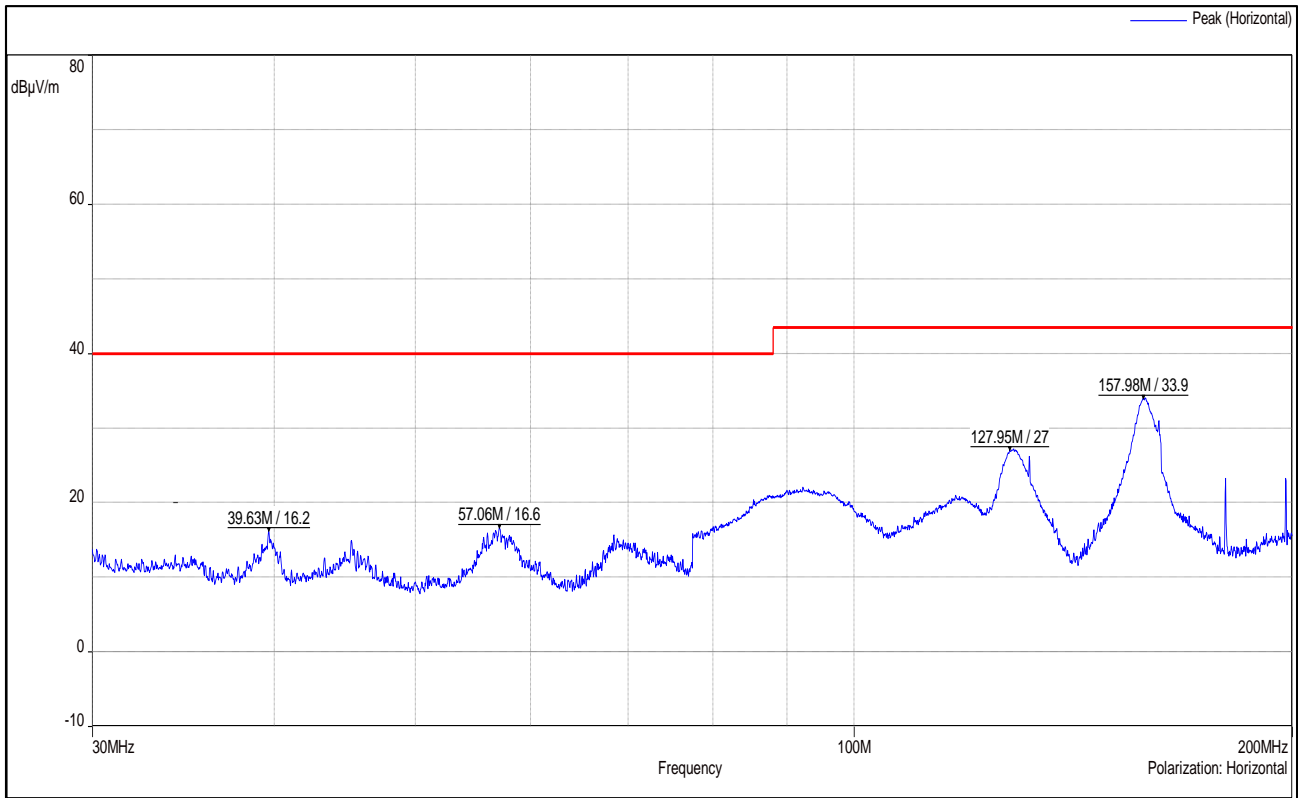
Test results for frequency range 30MHz – 1GHz

| Antenna Polarization | Measured Frequency (MHz) | Measured value (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|----------------------|--------------------------|-------------------------|----------------|-------------|
| Vertical | 39.54 | 29.10 | 40.00 | -10.90 |
| | 52.68 | 26.00 | 40.00 | -14.00 |
| | 132.00 | 25.60 | 43.50 | -17.90 |
| | 162.00 | 27.90 | 43.50 | -15.60 |
| | 238.64 | 9.99 | 46.00 | -36.01 |
| | 395.99 | 12.90 | 46.00 | -33.10 |
| | 653.45 | 14.90 | 46.00 | -31.10 |
| Horizontal | 39.63 | 16.20 | 40.00 | -23.80 |
| | 57.06 | 16.60 | 43.50 | -26.90 |
| | 127.95 | 27.00 | 43.50 | -16.50 |
| | 157.98 | 33.93 | 43.50 | -9.57 |
| | 263.99 | 3.93 | 46.00 | -42.07 |
| | 395.99 | 18.70 | 46.00 | -27.30 |
| | 659.84 | 14.20 | 46.00 | -31.80 |



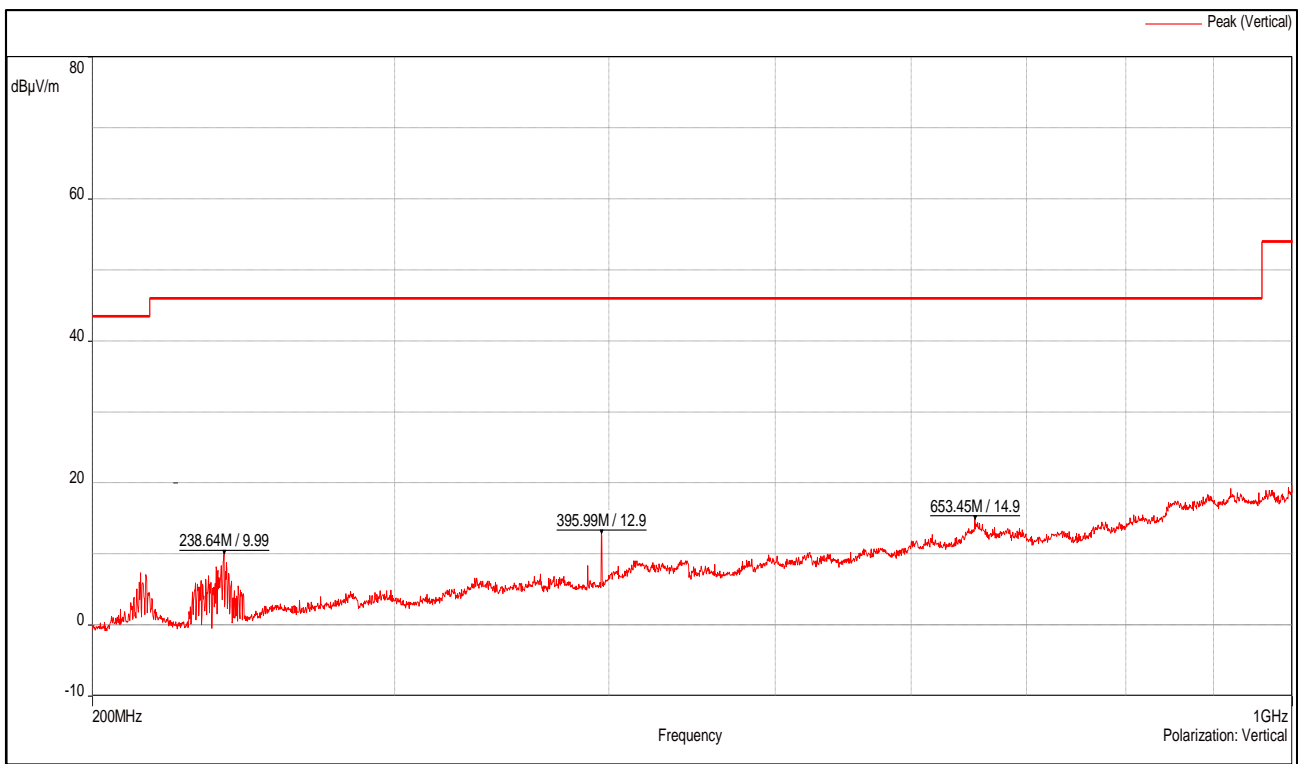
Channel Frequency 30MHz – 200MHz

Polarization Vertical



Channel Frequency 30MHz – 200MHz

Polarization Horizontal



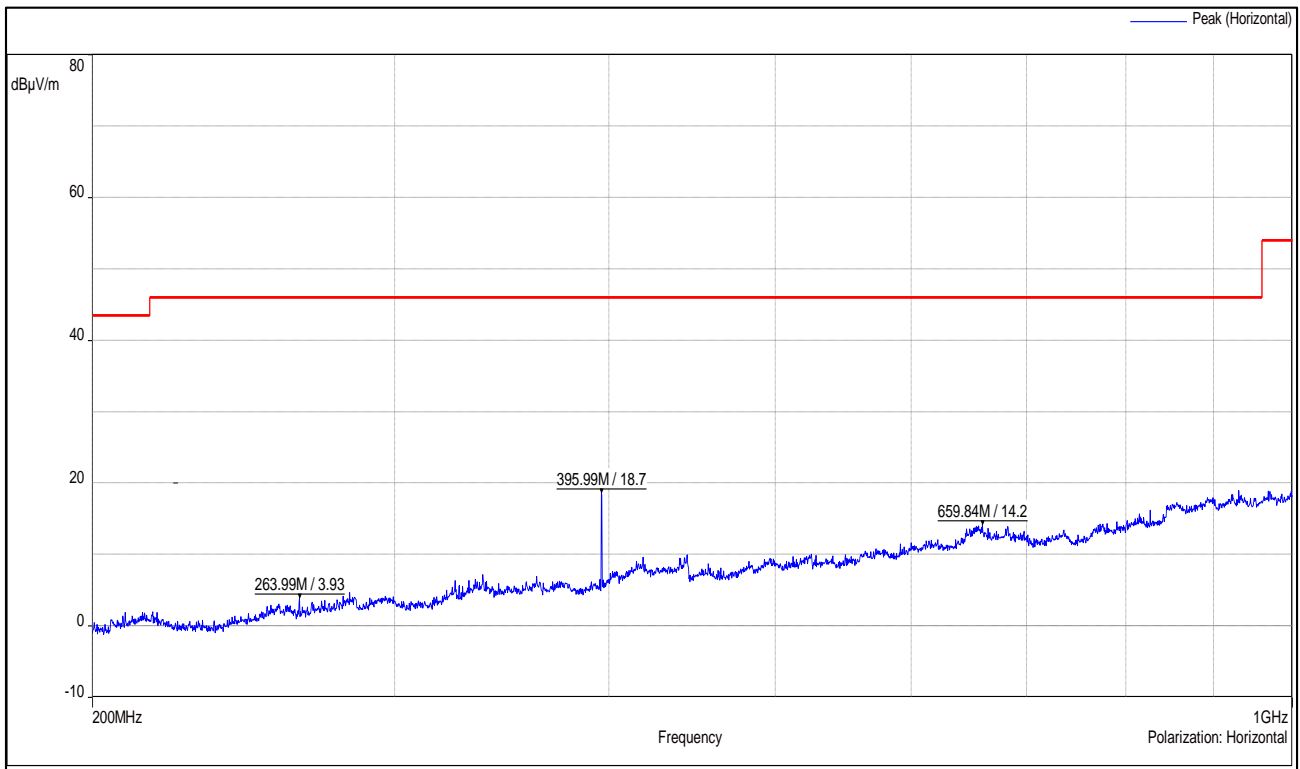
Channel Frequency 200MHz – 1GHz

Polarization Vertical

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Channel Frequency 200MHz – 1GHz

Polarization Horizontal

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Test results for the frequencies in the range 1 GHz to 26.5 GHz

Antenna Type: 1001932PT Flex/PCB MIMO Antenna Results

Modulation: 802.11b

Data Rate: 1Mbps

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|-------------|
| 2412 | Vertical | 2412(Pk) | 99.49 | - | - |
| | | 2412(Av) | 96.94 | - | - |
| | | 2390(Pk) | 45.67 | 74* | -28.33 |
| | | 2390(Av) | 36.20 | 54* | -17.80 |
| | | 4824(Pk) | 42.11 | 74 | -31.89 |
| | | 4824(Av) | 31.88 | 54 | -22.12 |
| | | 7236(Pk) | 48.84 | 74 | -25.16 |
| | | 7236(Av) | 39.63 | 54 | -14.37 |
| | Horizontal | 2412(Pk) | 108.82 | - | - |
| | | 2412(Av) | 106.13 | - | - |
| | | 2390(Pk) | 53.30 | 74* | -20.70 |
| | | 2390(Av) | 43.82 | 54* | -10.18 |
| | | 4824(Pk) | 44.44 | 74 | -29.56 |
| | | 4824(Av) | 33.89 | 54 | -20.11 |
| | | 7236(Pk) | 51.71 | 74 | -22.29 |
| | | 7236(Av) | 42.99 | 54 | -11.01 |
| 2437 | Vertical | 2437(Pk) | 103.65 | - | - |
| | | 2437(Av) | 101.14 | - | - |
| | | 4874(Pk) | 42.14 | 74 | -31.86 |
| | | 4874(Av) | 30.52 | 54 | -23.48 |
| | | 7311(Pk) | 48.41 | 74 | -25.59 |
| | | 7311(Av) | 38.24 | 54 | -15.76 |
| | Horizontal | 2437(Pk) | 111.84 | - | - |
| | | 2437(Av) | 109.40 | - | - |
| | | 4874(Pk) | 42.67 | 74 | -31.33 |
| | | 4874(Av) | 31.63 | 54 | -22.37 |
| | | 7311(Pk) | 46.79 | 74 | -27.21 |
| | | 7311(Av) | 35.37 | 54 | -18.63 |
| 2462 | Vertical | 2462(Pk) | 100.61 | - | - |
| | | 2462(Av) | 97.84 | - | - |
| | | 2483.5(Pk) | 47.11 | 74* | -26.89 |
| | | 2483.5(Av) | 38.76 | 54* | -15.24 |
| | | 4924(Pk) | 42.06 | 74 | -31.94 |
| | | 4924(Av) | 30.66 | 54 | -23.34 |
| | | 7386(Pk) | 49.83 | 74 | -24.17 |
| | | 7386(Av) | 39.81 | 54 | -14.19 |
| | Horizontal | 2462(Pk) | 102.63 | - | - |
| | | 2462(Av) | 100.01 | - | - |
| | | 2483.5(Pk) | 52.62 | 74* | -21.38 |
| | | 2483.5(Av) | 43.11 | 54* | -10.89 |
| | | 4924(Pk) | 45.43 | 74 | -28.57 |
| | | 4924(Av) | 37.42 | 54 | -16.58 |
| | | 7386(Pk) | 49.49 | 74 | -24.51 |
| | | 7386(Av) | 38.46 | 54 | -15.54 |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11b
Data Rate: 11Mbps

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|---------------|
| 2412 | Vertical | 2412(Pk) | 103.67 | - | - |
| | | 2412(Av) | 94.41 | - | - |
| | | 2390(Pk) | 44.01 | 74* | -29.99 |
| | | 2390(Av) | 31.50 | 54* | -22.50 |
| | | 4824(Pk) | 41.61 | 74 | -32.39 |
| | | 4824(Av) | 29.53 | 54 | -24.47 |
| | | 7236(Pk) | 47.03 | 74 | -26.97 |
| | | 7236(Av) | 35.30 | 54 | -18.70 |
| | Horizontal | 2412(Pk) | 105.10 | - | - |
| | | 2412(Av) | 95.82 | - | - |
| | | 2390(Pk) | 49.79 | 74* | -24.21 |
| | | 2390(Av) | 35.66 | 54* | -18.34 |
| | | 4824(Pk) | 41.25 | 74 | -32.75 |
| | | 4824(Av) | 29.76 | 54 | -24.24 |
| | | 7236(Pk) | 47.12 | 74 | -26.88 |
| | | 7236(Av) | 35.42 | 54 | -18.58 |
| 2437 | Vertical | 2437(Pk) | 108.53 | - | - |
| | | 2437(Av) | 99.42 | - | - |
| | | 4874(Pk) | 41.76 | 74 | -32.24 |
| | | 4874(Av) | 29.60 | 54 | -24.40 |
| | | 7311(Pk) | 48.37 | 74 | -25.63 |
| | | 7311(Av) | 36.43 | 54 | -17.57 |
| | Horizontal | 2437(Pk) | 114.65 | - | - |
| | | 2437(Av) | 105.48 | - | - |
| | | 4874(Pk) | 41.49 | 74 | -32.51 |
| | | 4874(Av) | 29.60 | 54 | -24.40 |
| | | 7311(Pk) | 47.11 | 74 | -26.89 |
| | | 7311(Av) | 35.13 | 54 | -18.87 |
| 2462 | Vertical | 2462(Pk) | 105.46 | - | - |
| | | 2462(Av) | 96.25 | - | - |
| | | 2483.5(Pk) | 48.77 | 74* | -25.23 |
| | | 2483.5(Av) | 34.60 | 54* | -19.40 |
| | | 4924(Pk) | 41.74 | 74 | -32.26 |
| | | 4924(Av) | 29.58 | 54 | -24.42 |
| | | 7386(Pk) | 47.59 | 74 | -26.41 |
| | | 7386(Av) | 35.70 | 54 | -18.30 |
| | Horizontal | 2462(Pk) | 114.48 | - | - |
| | | 2462(Av) | 105.24 | - | - |
| | | 2483.5(Pk) | 57.63 | 74* | -16.37 |
| | | 2483.5(Av) | 42.84 | 54* | -11.16 |
| | | 4924(Pk) | 41.92 | 74 | -32.08 |
| | | 4924(Av) | 29.96 | 54 | -24.04 |
| | | 7386(Pk) | 46.38 | 74 | -27.62 |
| | | 7386(Av) | 34.99 | 54 | -19.01 |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g
Data Rate: 6Mbps

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|-------------|
| 2412 | Vertical | 2412(Pk) | 100.87 | - | - |
| | | 2412(Av) | 91.92 | - | - |
| | | 2390(Pk) | 64.17 | 74* | -9.83 |
| | | 2390(Av) | 43.08 | 54* | -10.92 |
| | | 4824(Pk) | 41.54 | 74 | -32.46 |
| | | 4824(Av) | 29.43 | 54 | -24.57 |
| | | 7236(Pk) | 46.35 | 74 | -27.65 |
| | 7236(Av) | 35.16 | 54 | -18.84 | |
| | Horizontal | 2412(Pk) | 107.22 | - | - |
| | | 2412(Av) | 97.41 | - | - |
| | | 2390(Pk) | 68.90 | 74* | -5.10 |
| | | 2390(Av) | 47.13 | 54* | -6.87 |
| | | 4824(Pk) | 41.92 | 74 | -32.08 |
| | | 4824(Av) | 29.62 | 54 | -24.38 |
| 7236(Pk) | | 47.12 | 74 | -26.88 | |
| 7236(Av) | 35.25 | 54 | -18.75 | | |
| 2437 | Vertical | 2437(Pk) | 106.01 | - | - |
| | | 2437(Av) | 96.53 | - | - |
| | | 4874(Pk) | 41.72 | 74 | -32.28 |
| | | 4874(Av) | 29.63 | 54 | -24.37 |
| | | 7311(Pk) | 47.21 | 74 | -26.79 |
| | 7311(Av) | 35.57 | 54 | -18.43 | |
| | Horizontal | 2437(Pk) | 111.67 | - | - |
| | | 2437(Av) | 102.18 | - | - |
| | | 4874(Pk) | 41.66 | 74 | -32.34 |
| | | 4874(Av) | 29.88 | 54 | -24.12 |
| 7311(Pk) | | 47.82 | 74 | -26.18 | |
| 7311(Av) | 35.25 | 54 | -18.75 | | |
| 2462 | Vertical | 2462(Pk) | 99.85 | - | - |
| | | 2462(Av) | 89.86 | - | - |
| | | 2483.5(Pk) | 56.96 | 74* | -17.04 |
| | | 2483.5(Av) | 38.44 | 54* | -15.56 |
| | | 4924(Pk) | 41.46 | 74 | -32.54 |
| | | 4924(Av) | 29.47 | 54 | -24.53 |
| | | 7386(Pk) | 47.51 | 74 | -26.49 |
| | | 7386(Av) | 35.42 | 54 | -18.58 |
| | Horizontal | 2462(Pk) | 107.50 | - | - |
| | | 2462(Av) | 98.12 | - | - |
| | | 2483.5(Pk) | 67.58 | 74* | -6.42 |
| | | 2483.5(Av) | 49.73 | 54* | -4.27 |
| | | 4924(Pk) | 42.10 | 74 | -31.90 |
| | | 4924(Av) | 29.88 | 54 | -24.12 |
| 7386(Pk) | 46.61 | 74 | -27.39 | | |
| 7386(Av) | 35.06 | 54 | -18.94 | | |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11g

Data Rate: 54Mbps

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|-------------|
| 2412 | Vertical | 2412(Pk) | 99.49 | - | - |
| | | 2412(Av) | 85.02 | - | - |
| | | 2390(Pk) | 55.7 | 74* | -18.30 |
| | | 2390(Av) | 36.26 | 54* | -17.74 |
| | | 4824(Pk) | 42.49 | 74 | -31.51 |
| | | 4824(Av) | 29.56 | 54 | -24.44 |
| | | 7236(Pk) | 47.46 | 74 | -26.54 |
| | 7236(Av) | 35.36 | 54 | -18.64 | |
| | Horizontal | 2412(Pk) | 106.38 | - | - |
| | | 2412(Av) | 91.79 | - | - |
| | | 2390(Pk) | 61.38 | 74* | -12.62 |
| | | 2390(Av) | 42.03 | 54* | -11.97 |
| | | 4824(Pk) | 43.73 | 74 | -30.27 |
| | | 4824(Av) | 29.54 | 54 | -24.46 |
| 7236(Pk) | | 48.42 | 74 | -25.58 | |
| 7236(Av) | 35.15 | 54 | -18.85 | | |
| 2437 | Vertical | 2437(Pk) | 102.92 | - | - |
| | | 2437(Av) | 88.53 | - | - |
| | | 4874(Pk) | 40.62 | 74 | -33.38 |
| | | 4874(Av) | 29.52 | 54 | -24.48 |
| | | 7311(Pk) | 46.40 | 74 | -27.60 |
| | 7311(Av) | 35.11 | 54 | -18.89 | |
| | Horizontal | 2437(Pk) | 109.58 | - | - |
| | | 2437(Av) | 95.06 | - | - |
| | | 4874(Pk) | 41.92 | 74 | -32.08 |
| | | 4874(Av) | 29.69 | 54 | -24.31 |
| 7311(Pk) | | 47.16 | 74 | -26.84 | |
| 7311(Av) | 35.07 | 54 | -18.93 | | |
| 2462 | Vertical | 2462(Pk) | 101.37 | - | - |
| | | 2462(Av) | 87.37 | - | - |
| | | 2483.5(Pk) | 60.25 | 74* | -13.75 |
| | | 2483.5(Av) | 38.39 | 54* | -15.61 |
| | | 4924(Pk) | 41.83 | 74 | -32.17 |
| | | 4924(Av) | 29.38 | 54 | -24.62 |
| | | 7386(Pk) | 48.23 | 74 | -25.77 |
| | 7386(Av) | 35.36 | 54 | -18.64 | |
| | Horizontal | 2462(Pk) | 109.99 | - | - |
| | | 2462(Av) | 95.70 | - | - |
| | | 2483.5(Pk) | 69.10 | 74* | -4.90 |
| | | 2483.5(Av) | 49.67 | 54* | -4.33 |
| | | 4924(Pk) | 42.31 | 74 | -31.69 |
| | | 4924(Av) | 29.76 | 54 | -24.24 |
| 7386(Pk) | | 45.93 | 74 | -28.07 | |
| 7386(Av) | 35.03 | 54 | -18.97 | | |

*- : Indicate restricted band of operation §15.205

Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20
Data Rate: MCS0

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|---------------|
| 2412 | Vertical | 2412(Pk) | 98.02 | - | - |
| | | 2412(Av) | 88.15 | - | - |
| | | 2390(Pk) | 60.41 | 74* | -13.59 |
| | | 2390(Av) | 39.61 | 54* | -14.39 |
| | | 4824(Pk) | 41.69 | 74 | -32.31 |
| | | 4824(Av) | 29.64 | 54 | -24.36 |
| | | 7236(Pk) | 47.34 | 74 | -26.66 |
| | 7236(Av) | 35.41 | 54 | -18.59 | |
| | Horizontal | 2412(Pk) | 108.20 | - | - |
| | | 2412(Av) | 97.34 | - | - |
| | | 2390(Pk) | 70.36 | 74* | -3.64 |
| | | 2390(Av) | 50.49 | 54* | -3.51 |
| | | 4824(Pk) | 41.18 | 74 | -32.82 |
| | | 4824(Av) | 29.63 | 54 | -24.37 |
| 7236(Pk) | | 47.28 | 74 | -26.72 | |
| 7236(Av) | 35.10 | 54 | -18.90 | | |
| 2437 | Vertical | 2437(Pk) | 105.18 | - | - |
| | | 2437(Av) | 95.60 | - | - |
| | | 4874(Pk) | 42.22 | 74 | -31.78 |
| | | 4874(Av) | 29.67 | 54 | -24.33 |
| | | 7311(Pk) | 48.43 | 74 | -25.57 |
| | | 7311(Av) | 36.75 | 54 | -17.25 |
| | Horizontal | 2437(Pk) | 115.51 | * | - |
| | | 2437(Av) | 104.91 | * | - |
| | | 4874(Pk) | 42.12 | 74 | -31.88 |
| | | 4874(Av) | 29.79 | 54 | -24.21 |
| | | 7311(Pk) | 47.32 | 74 | -26.68 |
| | | 7311(Av) | 35.19 | 54 | -18.81 |
| 2462 | Vertical | 2462(Pk) | 78.97 | - | - |
| | | 2462(Av) | 88.38 | - | - |
| | | 2483.5(Pk) | 57.74 | 74* | -16.26 |
| | | 2483.5(Av) | 38.37 | 54* | -15.63 |
| | | 4924(Pk) | 41.85 | 74 | -32.15 |
| | | 4924(Av) | 29.51 | 54 | -24.49 |
| | | 7386(Pk) | 46.95 | 74 | -27.05 |
| | 7386(Av) | 35.13 | 54 | -18.87 | |
| | Horizontal | 2462(Pk) | 108.30 | - | - |
| | | 2462(Av) | 97.85 | - | - |
| | | 2483.5(Pk) | 72.05 | 74* | -1.95 |
| | | 2483.5(Av) | 50.47 | 54* | -3.53 |
| | | 4924(Pk) | 41.32 | 74 | -32.68 |
| | | 4924(Av) | 29.68 | 54 | -24.32 |
| 7386(Pk) | | 46.15 | 74 | -27.85 | |
| 7386(Av) | 35.02 | 54 | -18.98 | | |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT20
Data Rate: MCS7

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------------|----------------------|-------------|
| 2412 | Vertical | 2412(Pk) | 98.41 | - | - |
| | | 2412(Av) | 82.78 | - | - |
| | | 2390(Pk) | 59.45 | 74* | -14.55 |
| | | 2390(Av) | 35.81 | 54* | -18.19 |
| | | 4824(Pk) | 41.11 | 74 | -32.89 |
| | | 4824(Av) | 29.41 | 54 | -24.59 |
| | | 7236(Pk) | 47.64 | 74 | -26.36 |
| | 7236(Av) | 35.27 | 54 | -18.73 | |
| | Horizontal | 2412(Pk) | 108.93 | - | - |
| | | 2412(Av) | 93.63 | - | - |
| | | 2390(Pk) | 70.87 | 74* | -3.13 |
| | | 2390(Av) | 46.86 | 54* | -7.14 |
| | | 4824(Pk) | 40.95 | 74 | -33.05 |
| | | 4824(Av) | 29.53 | 54 | -24.47 |
| 7236(Pk) | | 46.19 | 74 | -27.81 | |
| 7236(Av) | 35.13 | 54 | -18.87 | | |
| 2437 | Vertical | 2437(Pk) | 101.15 | - | - |
| | | 2437(Av) | 86.19 | - | - |
| | | 4874(Pk) | 41.79 | 74 | -32.21 |
| | | 4874(Av) | 29.58 | 54 | -24.42 |
| | | 7311(Pk) | 47.29 | 74 | -26.71 |
| | 7311(Av) | 35.15 | 54 | -18.85 | |
| | Horizontal | 2437(Pk) | 111.53 | * | - |
| | | 2437(Av) | 96.57 | * | - |
| | | 4874(Pk) | 41.79 | 74 | -32.21 |
| | | 4874(Av) | 29.68 | 54 | -24.32 |
| 7311(Pk) | | 48.15 | 74 | -25.85 | |
| 7311(Av) | 35.21 | 54 | -18.79 | | |
| 2462 | Vertical | 2462(Pk) | 0.04 | - | - |
| | | 2462(Av) | 84.38 | - | - |
| | | 2483.5(Pk) | 58.05 | 74* | -15.95 |
| | | 2483.5(Av) | 36.38 | 54* | -17.62 |
| | | 4924(Pk) | 41.46 | 74 | -32.54 |
| | | 4924(Av) | 29.49 | 54 | -24.51 |
| | | 7386(Pk) | 47.54 | 74 | -26.46 |
| | 7386(Av) | 34.97 | 54 | -19.03 | |
| | Horizontal | 2462(Pk) | 110.79 | - | - |
| | | 2462(Av) | 94.97 | - | - |
| | | 2483.5(Pk) | 72.47 | 74* | -1.53 |
| | | 2483.5(Av) | 48.28 | 54* | -5.72 |
| | | 4924(Pk) | 41.01 | 74 | -32.99 |
| | | 4924(Av) | 29.70 | 54 | -24.30 |
| 7386(Pk) | | 47.18 | 74 | -26.82 | |
| 7386(Av) | 35.05 | 54 | -18.95 | | |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20
Data Rate: MCS0

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|---------------|
| 2412 | Vertical | 2412(Pk) | 99.59 | - | - |
| | | 2412(Av) | 88.93 | - | - |
| | | 2390(Pk) | 61.34 | 74* | -12.66 |
| | | 2390(Av) | 42.47 | 54* | -11.53 |
| | | 4824(Pk) | 41.71 | 74 | -32.29 |
| | | 4824(Av) | 29.64 | 54 | -24.36 |
| | | 7236(Pk) | 48.30 | 74 | -25.70 |
| | 7236(Av) | 35.47 | 54 | -18.53 | |
| | Horizontal | 2412(Pk) | 109.46 | - | - |
| | | 2412(Av) | 98.84 | - | - |
| | | 2390(Pk) | 70.55 | 74* | -3.45 |
| | | 2390(Av) | 50.78 | 54* | -3.22 |
| | | 4824(Pk) | 42.13 | 74 | -31.87 |
| | | 4824(Av) | 30.27 | 54 | -23.73 |
| 7236(Pk) | | 47.47 | 74 | -26.53 | |
| 7236(Av) | 35.69 | 54 | -18.31 | | |
| 2437 | Vertical | 2437(Pk) | 105.94 | - | - |
| | | 2437(Av) | 95.79 | - | - |
| | | 4874(Pk) | 42.24 | 74 | -31.76 |
| | | 4874(Av) | 29.85 | 54 | -24.15 |
| | | 7311(Pk) | 48.93 | 74 | -25.07 |
| | 7311(Av) | 36.39 | 54 | -17.61 | |
| | Horizontal | 2437(Pk) | 115.38 | - | - |
| | | 2437(Av) | 104.87 | - | - |
| | | 4874(Pk) | 43.11 | 74 | -30.89 |
| | | 4874(Av) | 31.00 | 54 | -23.00 |
| 7311(Pk) | | 50.26 | 74 | -23.74 | |
| 7311(Av) | 36.40 | 54 | -17.60 | | |
| 2462 | Vertical | 2462(Pk) | 99.41 | - | - |
| | | 2462(Av) | 88.75 | - | - |
| | | 2483.5(Pk) | 57.52 | 74* | -16.48 |
| | | 2483.5(Av) | 36.08 | 54* | -17.92 |
| | | 4924(Pk) | 42.33 | 74 | -31.67 |
| | | 4924(Av) | 29.40 | 54 | -24.60 |
| | | 7386(Pk) | 47.04 | 74 | -26.96 |
| | 7386(Av) | 35.08 | 54 | -18.92 | |
| | Horizontal | 2462(Pk) | 108.67 | - | - |
| | | 2462(Av) | 98.34 | - | - |
| | | 2483.5(Pk) | 67.68 | 74* | -6.32 |
| | | 2483.5(Av) | 46.75 | 54* | -7.25 |
| | | 4924(Pk) | 42.01 | 74 | -31.99 |
| | | 4924(Av) | 30.28 | 54 | -23.72 |
| 7386(Pk) | | 46.91 | 74 | -27.09 | |
| 7386(Av) | 35.11 | 54 | -18.89 | | |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ac_VHT20
Data Rate: MCS8

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|-------------|
| 2412 | Vertical | 2412(Pk) | 97.54 | - | - |
| | | 2412(Av) | 81.11 | - | - |
| | | 2390(Pk) | 57.95 | 74* | -16.05 |
| | | 2390(Av) | 33.83 | 54* | -20.17 |
| | | 4824(Pk) | 41.81 | 74 | -32.19 |
| | | 4824(Av) | 29.79 | 54 | -24.21 |
| | | 7236(Pk) | 47.26 | 74 | -26.74 |
| | | 7236(Av) | 35.19 | 54 | -18.81 |
| | Horizontal | 2412(Pk) | 108.04 | - | - |
| | | 2412(Av) | 92.35 | - | - |
| | | 2390(Pk) | 69.10 | 74* | -4.90 |
| | | 2390(Av) | 43.97 | 54* | -10.03 |
| | | 4824(Pk) | 42.00 | 74 | -32.00 |
| | | 4824(Av) | 29.96 | 54 | -24.04 |
| | | 7236(Pk) | 47.85 | 74 | -26.15 |
| | | 7236(Av) | 35.23 | 54 | -18.77 |
| 2437 | Vertical | 2437(Pk) | 100.58 | - | - |
| | | 2437(Av) | 84.77 | - | - |
| | | 4874(Pk) | 42.44 | 74 | -31.56 |
| | | 4874(Av) | 29.77 | 54 | -24.23 |
| | | 7311(Pk) | 47.48 | 74 | -26.52 |
| | | 7311(Av) | 35.30 | 54 | -18.70 |
| | Horizontal | 2437(Pk) | 110.85 | * | - |
| | | 2437(Av) | 95.44 | * | - |
| | | 4874(Pk) | 42.99 | 74 | -31.01 |
| | | 4874(Av) | 30.06 | 54 | -23.94 |
| | | 7311(Pk) | 47.42 | 74 | -26.58 |
| | | 7311(Av) | 35.25 | 54 | -18.75 |
| 2462 | Vertical | 2462(Pk) | 101.15 | - | - |
| | | 2462(Av) | 84.60 | - | - |
| | | 2483.5(Pk) | 57.34 | 74* | -16.66 |
| | | 2483.5(Av) | 34.36 | 54* | -19.64 |
| | | 4924(Pk) | 41.55 | 74 | -32.45 |
| | | 4924(Av) | 29.47 | 54 | -24.53 |
| | | 7386(Pk) | 47.22 | 74 | -26.78 |
| | | 7386(Av) | 35.24 | 54 | -18.76 |
| | Horizontal | 2462(Pk) | 108.45 | - | - |
| | | 2462(Av) | 91.42 | - | - |
| | | 2483.5(Pk) | 64.68 | 74* | -9.32 |
| | | 2483.5(Av) | 42.08 | 54* | -11.92 |
| | | 4924(Pk) | 43.02 | 74 | -30.98 |
| | | 4924(Av) | 30.14 | 54 | -23.86 |
| | | 7386(Pk) | 47.25 | 74 | -26.75 |
| | | 7386(Av) | 35.31 | 54 | -18.69 |

* - : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20
Data Rate: MCS0

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|---------------|
| 2412 | Vertical | 2412(Pk) | 100.65 | - | - |
| | | 2412(Av) | 87.32 | - | - |
| | | 2390(Pk) | 59.12 | 74* | -14.88 |
| | | 2390(Av) | 38.28 | 54* | -15.72 |
| | | 4824(Pk) | 42.41 | 74 | -31.59 |
| | | 4824(Av) | 30.05 | 54 | -23.95 |
| | | 7236(Pk) | 47.77 | 74 | -26.23 |
| | 7236(Av) | 35.51 | 54 | -18.49 | |
| | Horizontal | 2412(Pk) | 111.06 | - | - |
| | | 2412(Av) | 97.42 | - | - |
| | | 2390(Pk) | 69.44 | 74* | -4.56 |
| | | 2390(Av) | 47.50 | 54* | -6.50 |
| | | 4824(Pk) | 42.32 | 74 | -31.68 |
| | | 4824(Av) | 30.40 | 54 | -23.60 |
| 7236(Pk) | | 47.13 | 74 | -26.87 | |
| 7236(Av) | 35.38 | 54 | -18.62 | | |
| 2437 | Vertical | 2437(Pk) | 108.59 | - | - |
| | | 2437(Av) | 95.85 | - | - |
| | | 4874(Pk) | 42.30 | 74 | -31.70 |
| | | 4874(Av) | 29.90 | 54 | -24.10 |
| | | 7311(Pk) | 47.85 | 74 | -26.15 |
| | 7311(Av) | 36.23 | 54 | -17.77 | |
| | Horizontal | 2437(Pk) | 114.92 | - | - |
| | | 2437(Av) | 101.91 | - | - |
| | | 4874(Pk) | 42.83 | 74 | -31.17 |
| | | 4874(Av) | 31.16 | 54 | -22.84 |
| 7311(Pk) | | 48.62 | 74 | -25.38 | |
| 7311(Av) | 37.31 | 54 | -16.69 | | |
| 2462 | Vertical | 2462(Pk) | 101.21 | - | - |
| | | 2462(Av) | 87.84 | - | - |
| | | 2483.5(Pk) | 58.09 | 74* | -15.91 |
| | | 2483.5(Av) | 37.21 | 54* | -16.79 |
| | | 4924(Pk) | 41.79 | 74 | -32.21 |
| | | 4924(Av) | 29.88 | 54 | -24.12 |
| | | 7386(Pk) | 48.03 | 74 | -25.97 |
| | 7386(Av) | 35.37 | 54 | -18.63 | |
| | Horizontal | 2462(Pk) | 111.58 | - | - |
| | | 2462(Av) | 98.03 | - | - |
| | | 2483.5(Pk) | 68.34 | 74* | -5.66 |
| | | 2483.5(Av) | 47.92 | 54* | -6.08 |
| | | 4924(Pk) | 42.66 | 74 | -31.34 |
| | | 4924(Av) | 30.50 | 54 | -23.50 |
| 7386(Pk) | | 47.13 | 74 | -26.87 | |
| 7386(Av) | 35.31 | 54 | -18.69 | | |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11ax_HE20
Data Rate: MCS11

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------------|----------------------|-------------|
| 2412 | Vertical | 2412(Pk) | 98.74 | - | - |
| | | 2412(Av) | 79.72 | - | - |
| | | 2390(Pk) | 58.51 | 74* | -15.49 |
| | | 2390(Av) | 33.44 | 54* | -20.56 |
| | | 4824(Pk) | 42.48 | 74 | -31.52 |
| | | 4824(Av) | 29.88 | 54 | -24.12 |
| | | 7236(Pk) | 47.28 | 74 | -26.72 |
| | | 7236(Av) | 35.40 | 54 | -18.60 |
| | Horizontal | 2412(Pk) | 108.49 | - | - |
| | | 2412(Av) | 90.16 | - | - |
| | | 2390(Pk) | 70.03 | 74* | -3.97 |
| | | 2390(Av) | 42.71 | 54* | -11.29 |
| | | 4824(Pk) | 42.74 | 74 | -31.26 |
| | | 4824(Av) | 30.10 | 54 | -23.90 |
| | | 7236(Pk) | 47.66 | 74 | -26.34 |
| | | 7236(Av) | 35.44 | 54 | -18.56 |
| 2437 | Vertical | 2437(Pk) | 100.98 | - | - |
| | | 2437(Av) | 82.98 | - | - |
| | | 4874(Pk) | 42.33 | 74 | -31.67 |
| | | 4874(Av) | 29.91 | 54 | -24.09 |
| | | 7311(Pk) | 47.36 | 74 | -26.64 |
| | | 7311(Av) | 35.46 | 54 | -18.54 |
| | Horizontal | 2437(Pk) | 111.18 | - | - |
| | | 2437(Av) | 93.61 | - | - |
| | | 4874(Pk) | 41.98 | 74 | -32.02 |
| | | 4874(Av) | 30.21 | 54 | -23.79 |
| | | 7311(Pk) | 47.76 | 74 | -26.24 |
| | | 7311(Av) | 35.68 | 54 | -18.32 |
| 2462 | Vertical | 2462(Pk) | 101.56 | - | - |
| | | 2462(Av) | 82.23 | - | - |
| | | 2483.5(Pk) | 58.07 | 74* | -15.93 |
| | | 2483.5(Av) | 33.06 | 54* | -20.94 |
| | | 4924(Pk) | 42.20 | 74 | -31.80 |
| | | 4924(Av) | 29.58 | 54 | -24.42 |
| | | 7386(Pk) | 47.31 | 74 | -26.69 |
| | | 7386(Av) | 35.34 | 54 | -18.66 |
| | Horizontal | 2462(Pk) | 110.82 | - | - |
| | | 2462(Av) | 92.39 | - | - |
| | | 2483.5(Pk) | 68.12 | 74* | -5.88 |
| | | 2483.5(Av) | 43.42 | 54* | -10.58 |
| | | 4924(Pk) | 42.43 | 74 | -31.57 |
| | | 4924(Av) | 30.22 | 54 | -23.78 |
| | | 7386(Pk) | 48.24 | 74 | -25.76 |
| | | 7386(Av) | 35.33 | 54 | -18.67 |

*- : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector

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Modulation: 802.11n_HT40
Data Rate: MCS0

| Channel Frequency (MHz) | Antenna Polarization | Measured Frequency (MHz) | Field Strength (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-------------------------|----------------------|--------------------------|-------------------------|----------------|---------------|
| 2422 | Vertical | 2422(Pk) | 98.29 | - | - |
| | | 2422(Av) | 87.44 | - | - |
| | | 2390(Pk) | 55.38 | 74* | -18.62 |
| | | 2390(Av) | 39.97 | 54* | -14.03 |
| | | 4844(Pk) | 40.71 | 74 | -33.29 |
| | | 4844(Av) | 29.39 | 54 | -24.61 |
| | | 7266(Pk) | 47.66 | 74 | -26.34 |
| | 7266(Av) | 35.22 | 54 | -18.78 | |
| | Horizontal | 2422(Pk) | 104.94 | - | - |
| | | 2422(Av) | 94.38 | - | - |
| | | 2390(Pk) | 64.44 | 74* | -9.56 |
| | | 2390(Av) | 48.29 | 54* | -5.71 |
| | | 4844(Pk) | 41.60 | 74 | -32.40 |
| | | 4844(Av) | 29.54 | 54 | -24.46 |
| 7266(Pk) | | 47.15 | 74 | -26.85 | |
| 7266(Av) | 35.12 | 54 | -18.88 | | |
| 2437 | Vertical | 2437(Pk) | 108.12 | - | - |
| | | 2437(Av) | 69.34 | - | - |
| | | 4874(Pk) | 41.92 | 74 | -32.08 |
| | | 4874(Av) | 29.34 | 54 | -24.66 |
| | | 7311(Pk) | 47.37 | 74 | -26.63 |
| | 7311(Av) | 35.76 | 54 | -18.24 | |
| | Horizontal | 2437(Pk) | 110.05 | - | - |
| | | 2437(Av) | 97.38 | - | - |
| | | 4874(Pk) | 48.28 | 74 | -25.72 |
| | | 4874(Av) | 33.70 | 54 | -20.30 |
| 7311(Pk) | | 47.24 | 74 | -26.76 | |
| 7311(Av) | 35.33 | 54 | -18.67 | | |
| 2452 | Vertical | 2452(Pk) | 97.51 | - | - |
| | | 2452(Av) | 86.71 | - | - |
| | | 2483.5(Pk) | 60.87 | 74* | -13.13 |
| | | 2483.5(Av) | 38.85 | 54* | -15.15 |
| | | 4904(Pk) | 40.82 | 74 | -33.18 |
| | | 4904(Av) | 29.24 | 54 | -24.76 |
| | | 7356(Pk) | 46.18 | 74 | -27.82 |
| | 7356(Av) | 34.93 | 54 | -19.07 | |
| | Horizontal | 2452(Pk) | 103.88 | - | - |
| | | 2452(Av) | 93.45 | - | - |
| | | 2483.5(Pk) | 67.81 | 74* | -6.19 |
| | | 2483.5(Av) | 47.03 | 54* | -6.97 |
| | | 4904(Pk) | 41.73 | 74 | -32.27 |
| | | 4904(Av) | 29.48 | 54 | -24.52 |
| 7356(Pk) | | 47.52 | 74 | -26.48 | |
| 7356(Av) | 34.85 | 54 | -19.15 | | |

* - : Indicate restricted band of operation §15.205
Pk: Peak Detector; Av: Average Detector