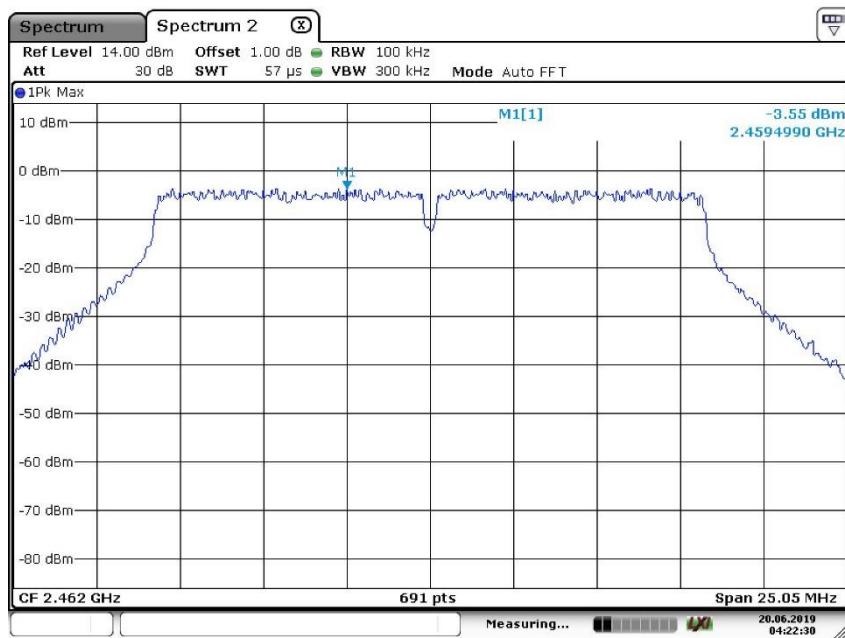
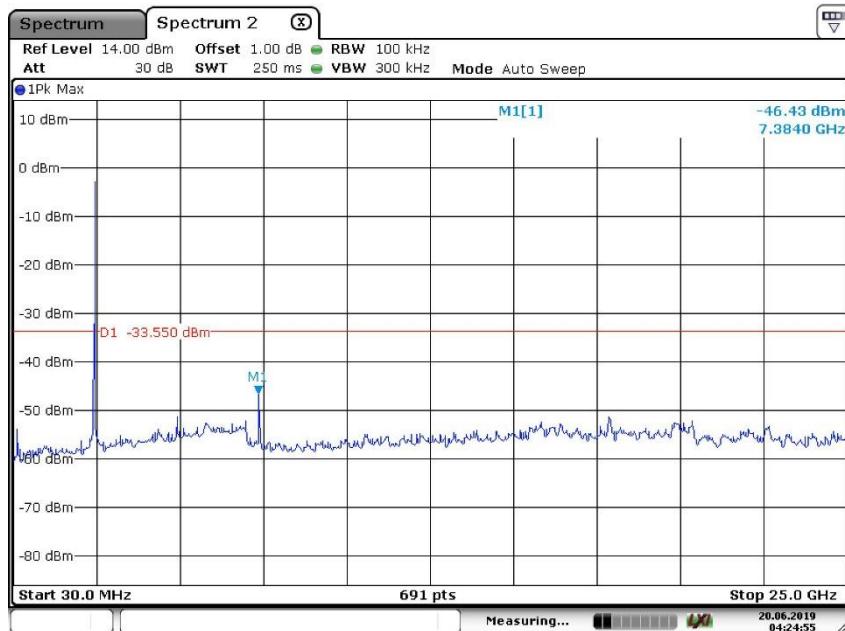


High Channel

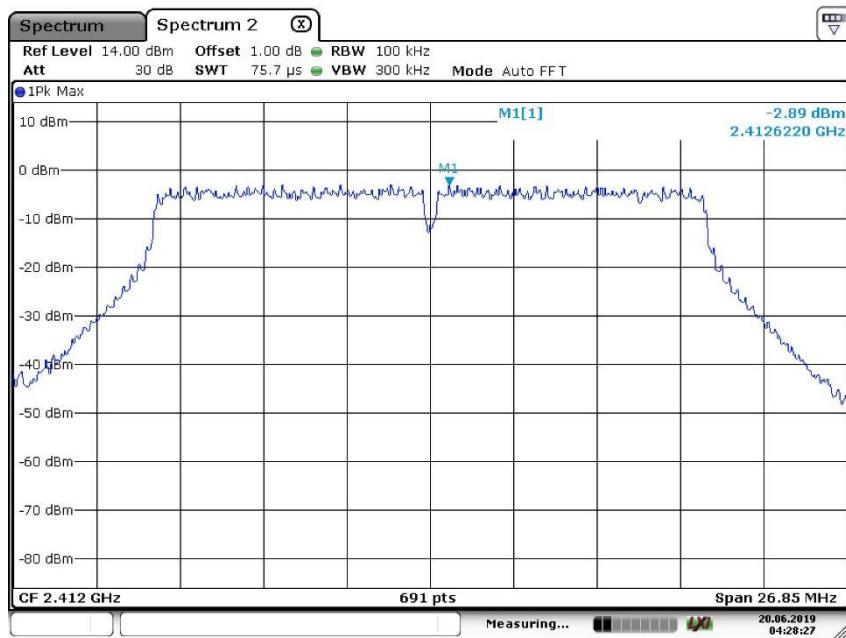


Date: 20.JUN.2019 04:22:30

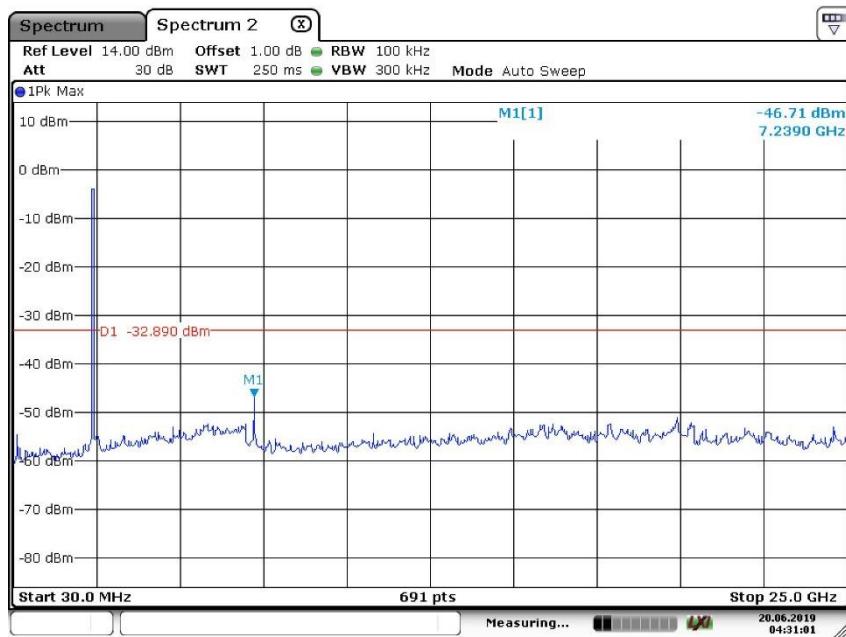


Date: 20.JUN.2019 04:24:54

Wi-Fi 802.11 n(HT20) mode, MCS0
Low Channel

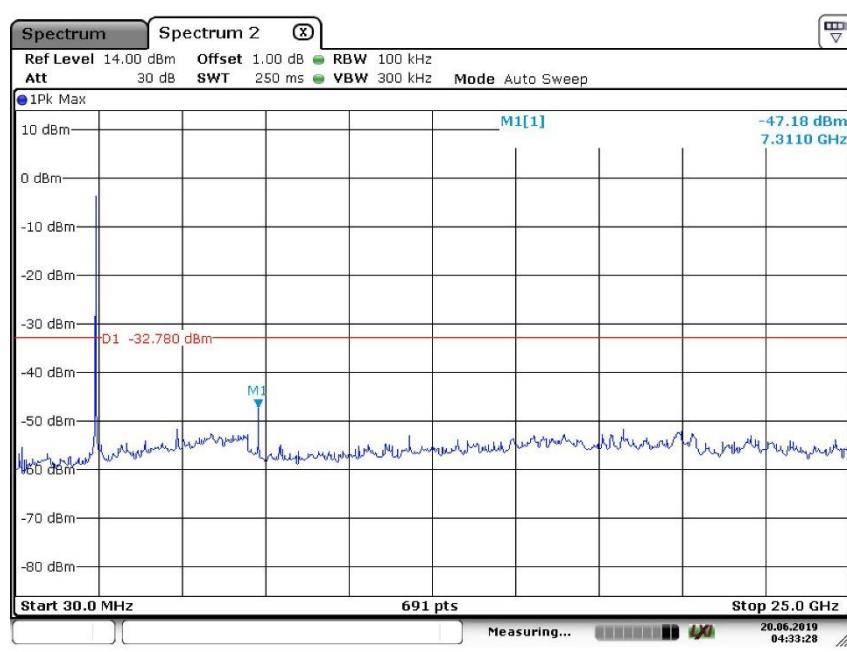
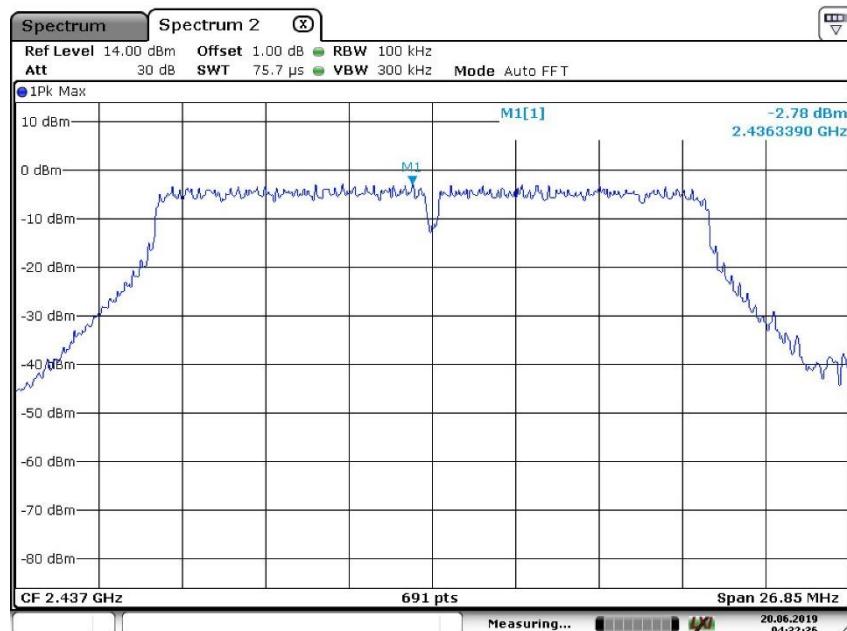


Date: 20.JUN.2019 04:28:26

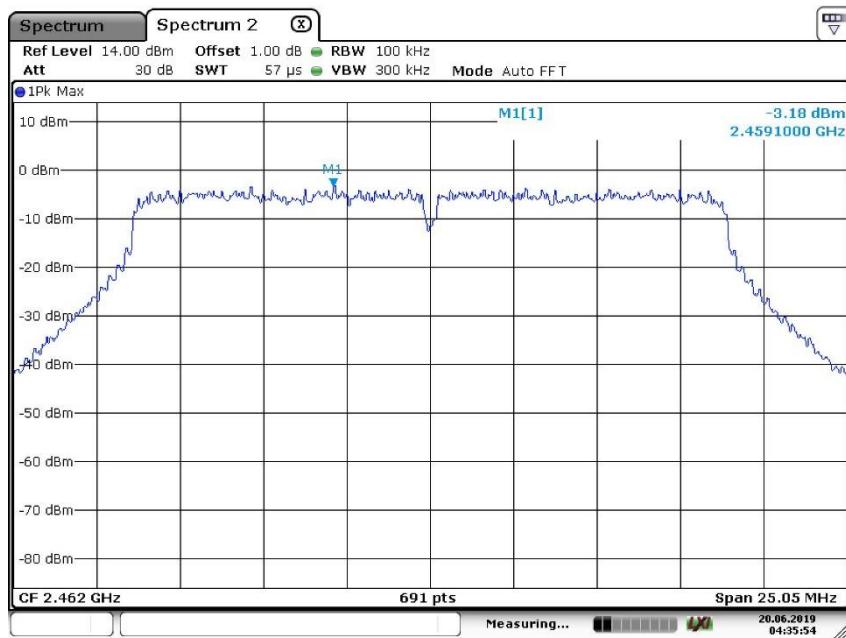


Date: 20.JUN.2019 04:31:01

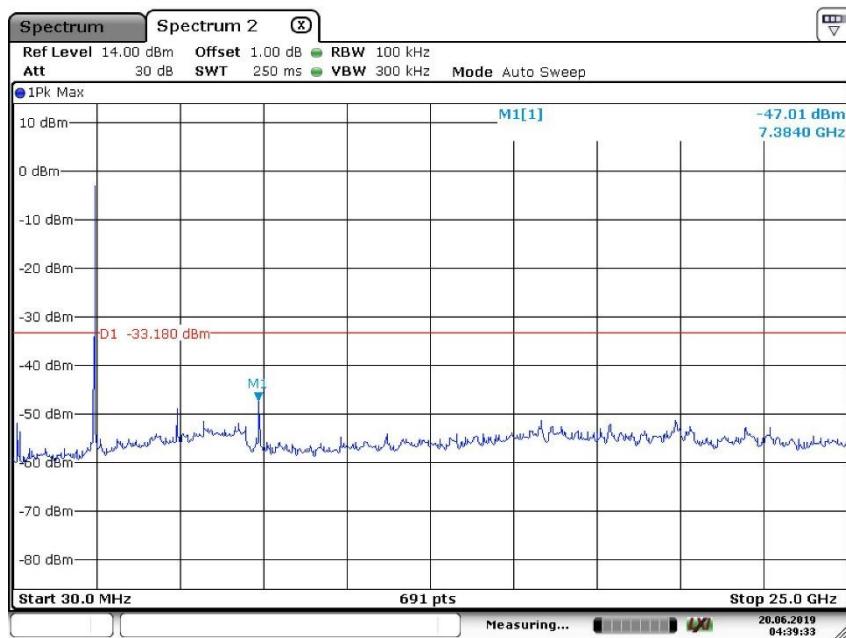
Middle Channel



High Channel

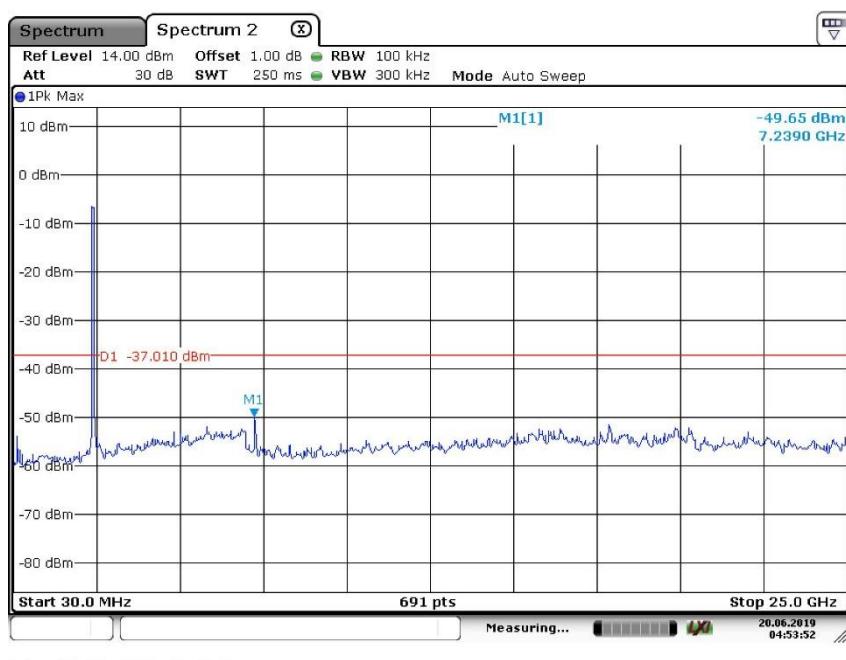
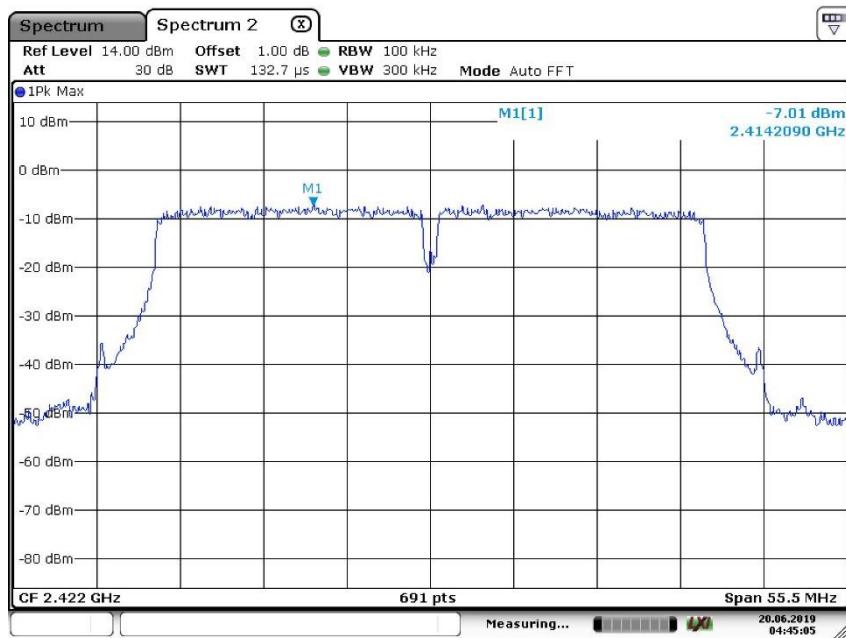


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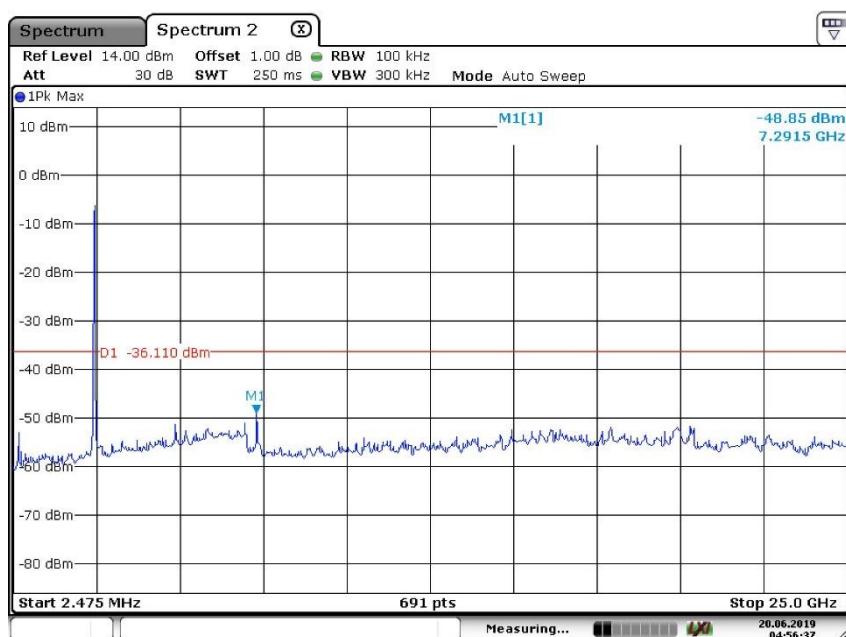
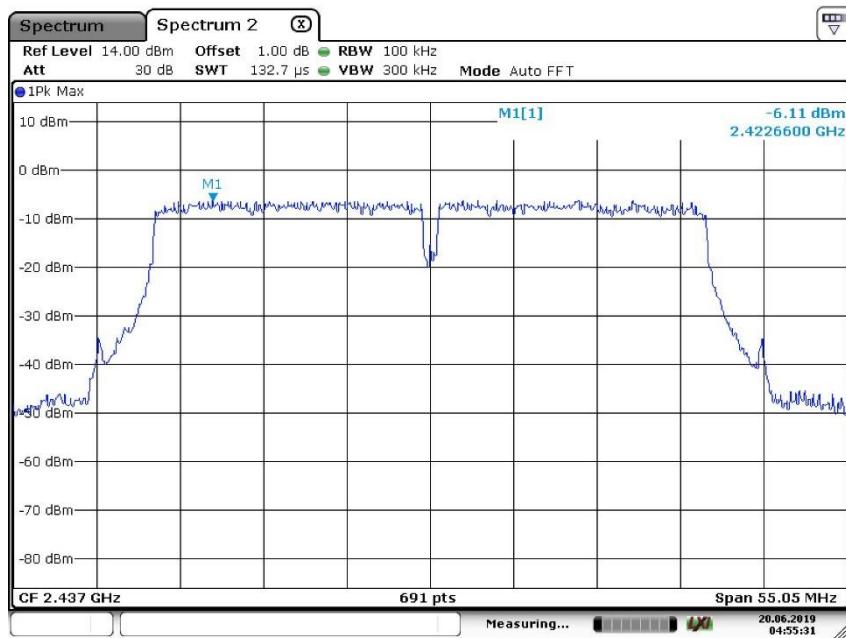


Date: 20.JUN.2019 04:39:33

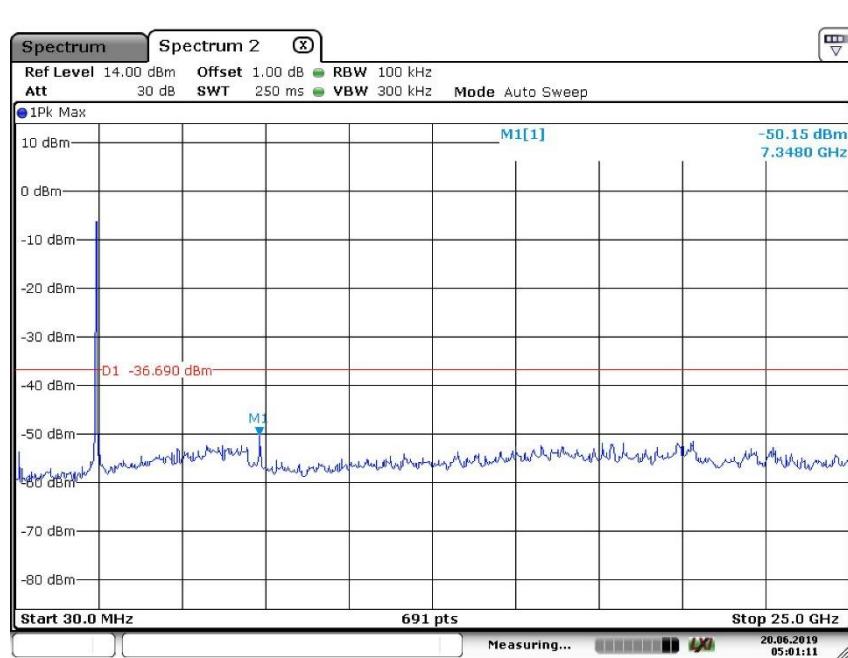
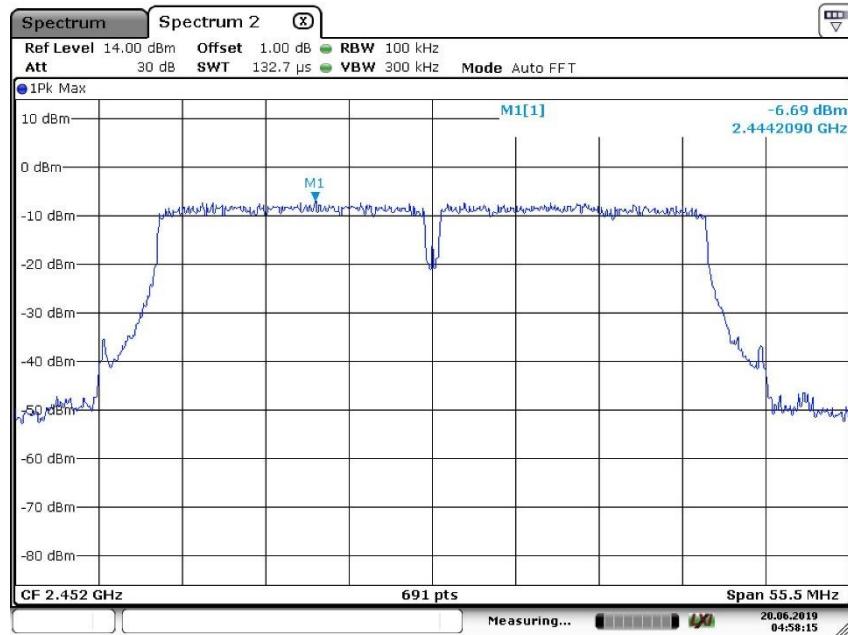
Wi-Fi 802.11 n(HT40) mode, MCS0
Low Channel



Middle Channel

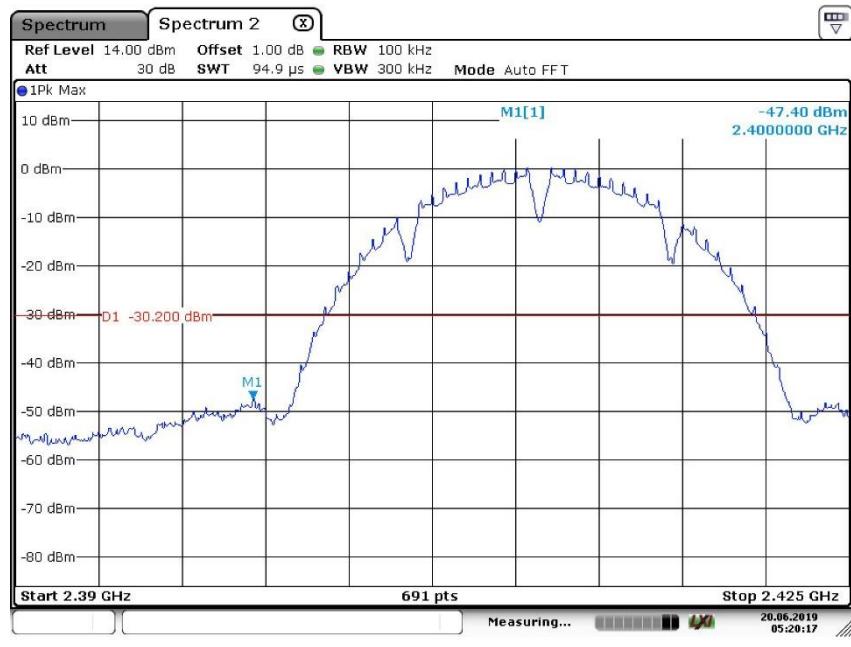


High Channel



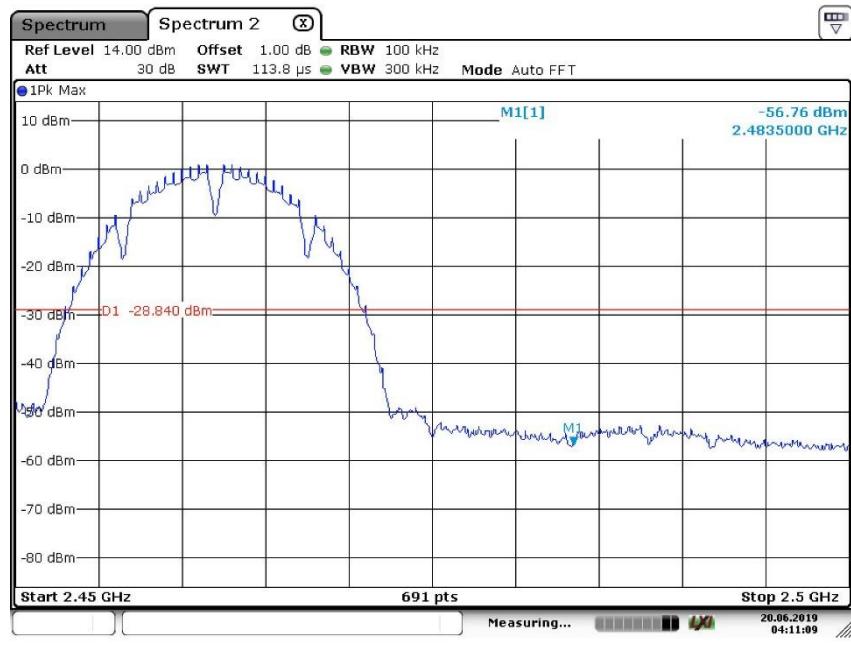
Wi-Fi 802.11 b mode, Band Edge

Low Channel



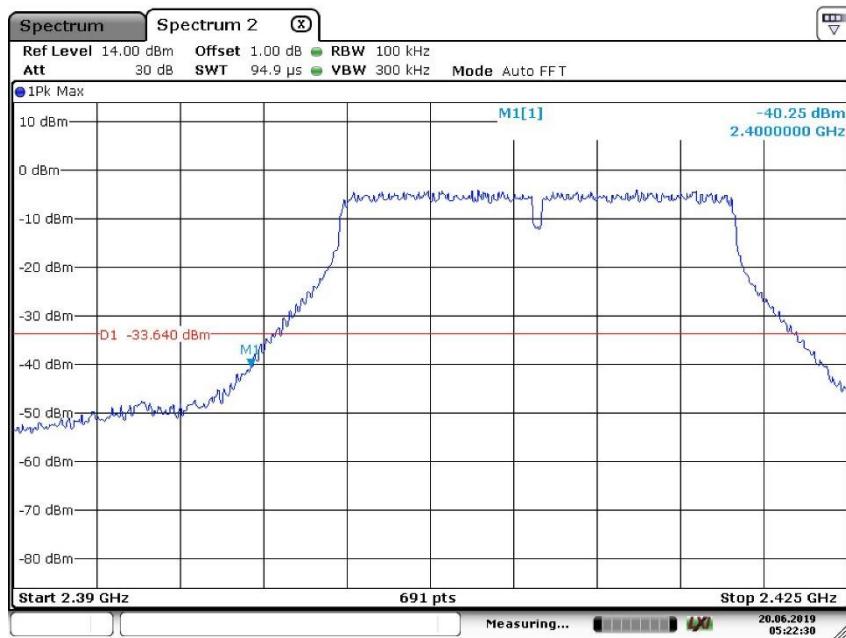
Date: 20.JUN.2019 05:20:17

High Channel



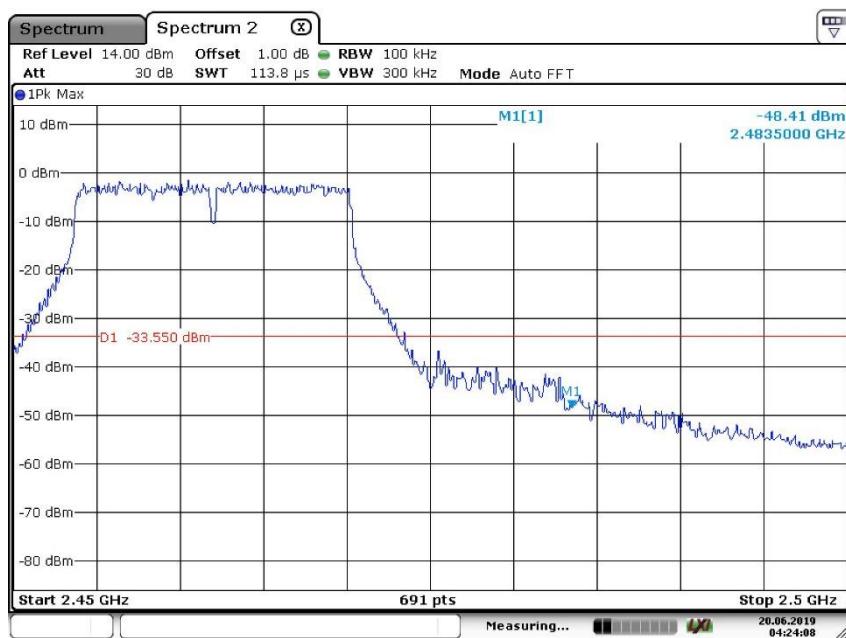
Date: 20.JUN.2019 04:11:09

Wi-Fi 802.11 g mode, Band Edge
Low Channel



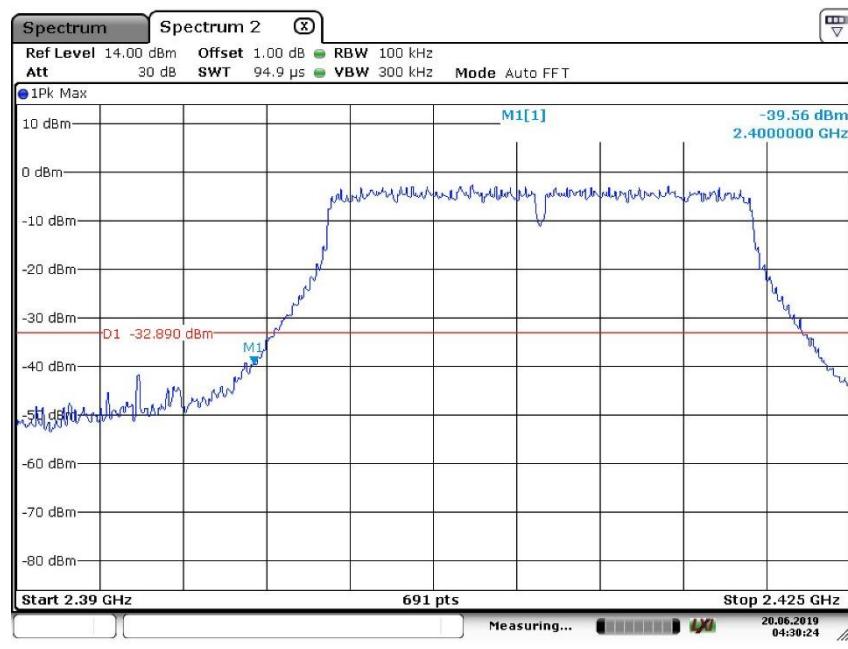
Date: 20.JUN.2019 05:22:30

High Channel

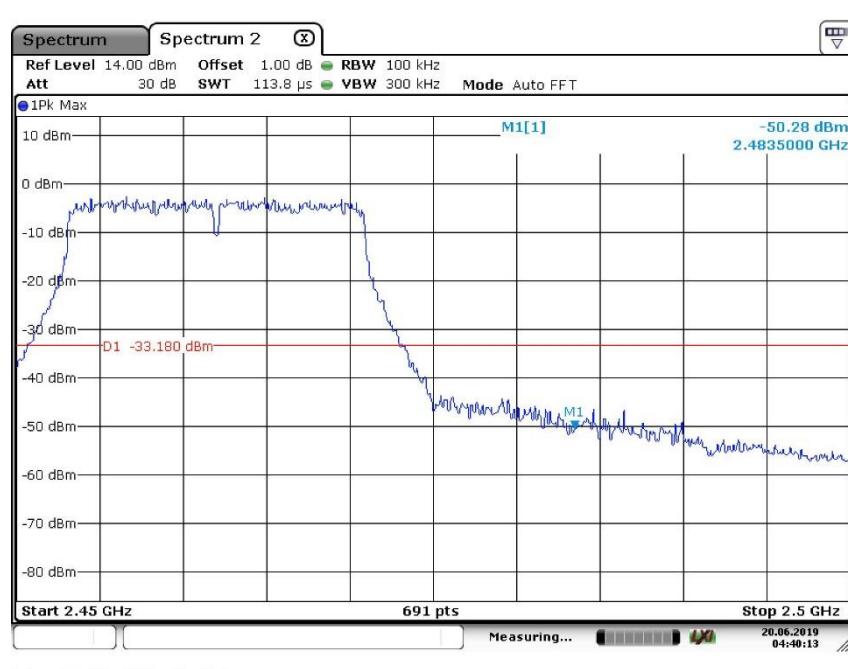


Date: 20.JUN.2019 04:24:08

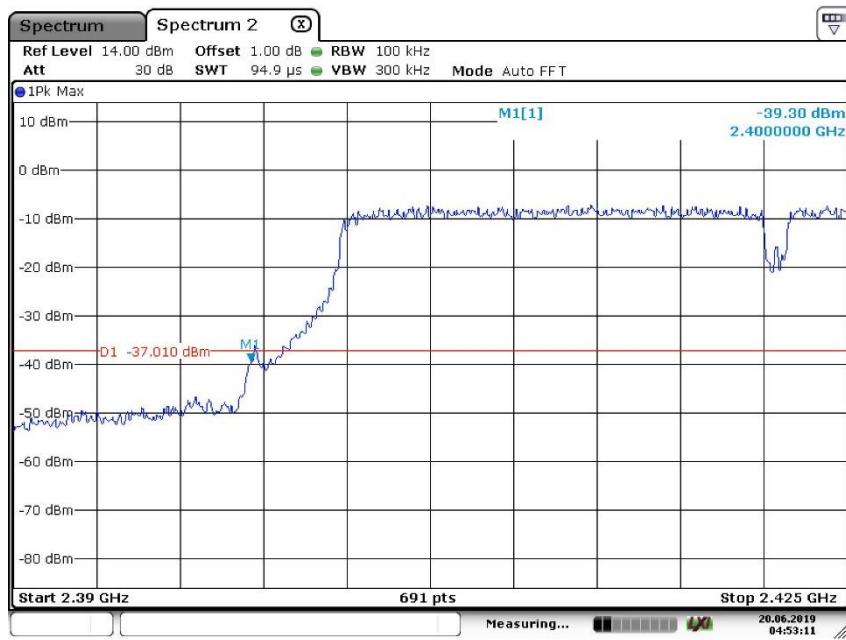
Wi-Fi 802.11 n(HT20) mode, Band Edge
Low Channel



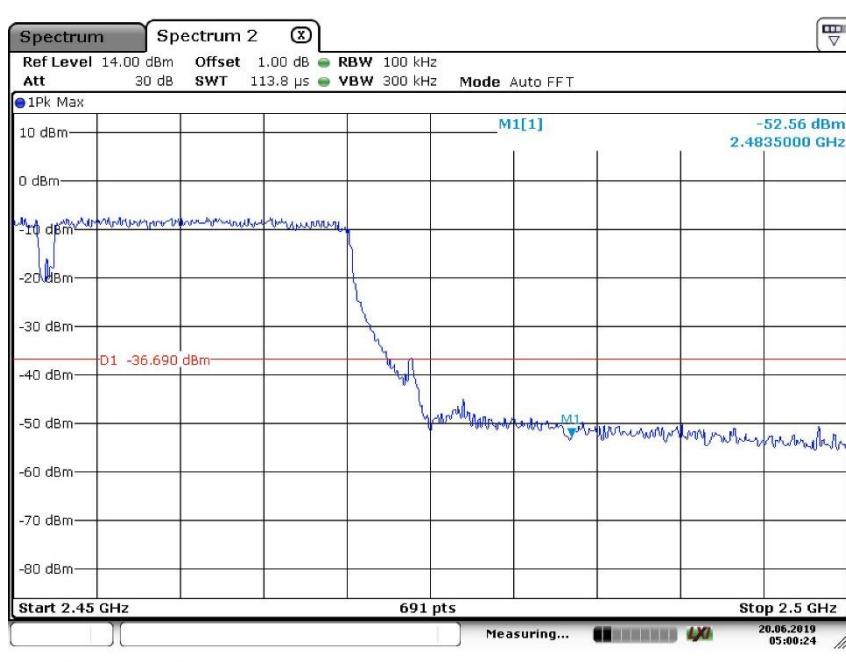
High Channel



Wi-Fi 802.11 n(HT40) mode, Band Edge
Low Channel



High Channel



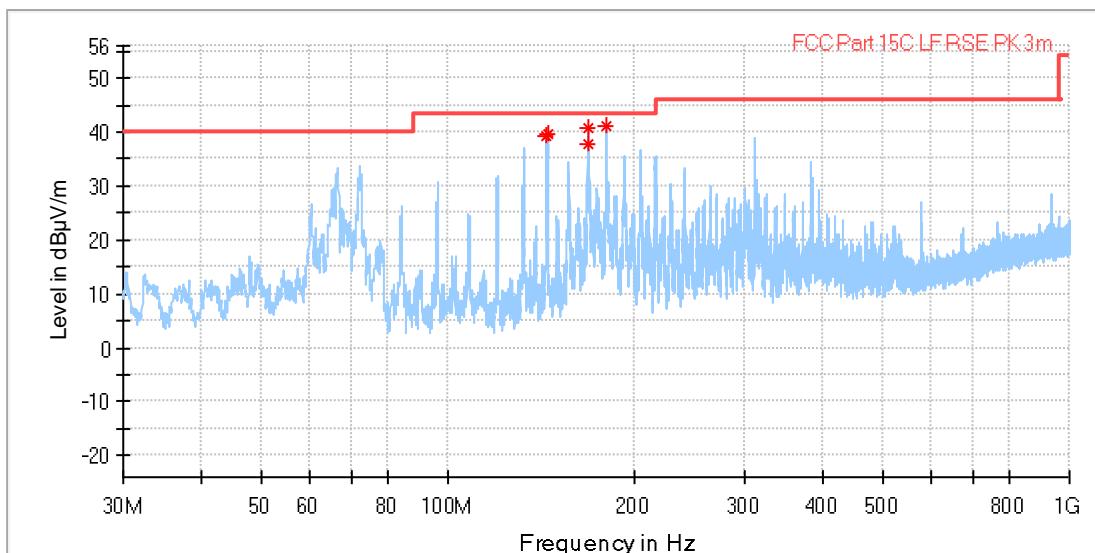
Appendix C: Test Results of Radiated Testing

| | |
|---|-----------|
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Note 1: Testing was carried out within frequency range 9 kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

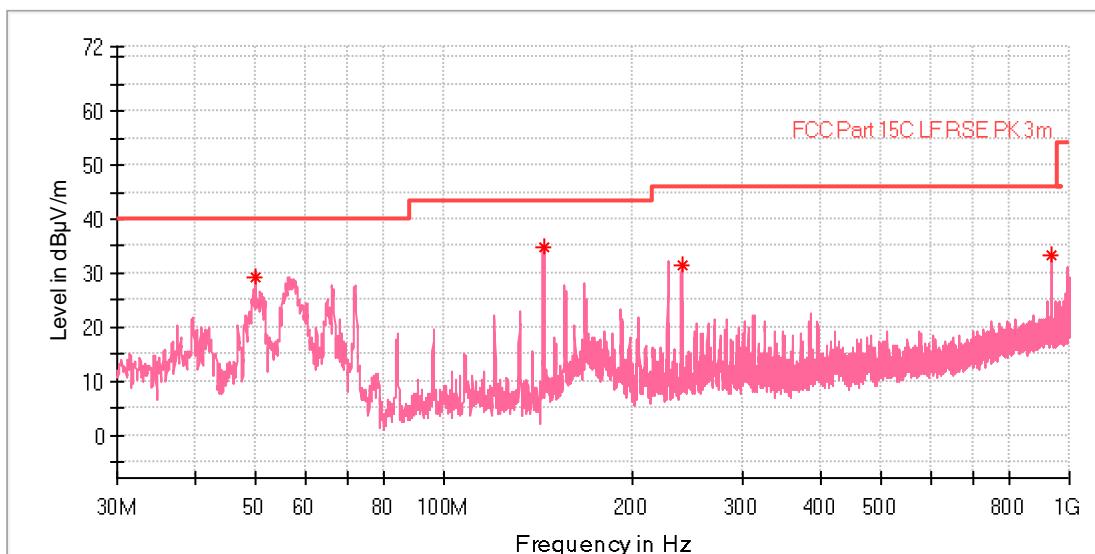
Appendix C.1: Test Results of Radiated Spurious Emissions

30MHz - 1GHz, 802.11b Low Channel



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 143.781000 | 39.40 | --- | 43.50 | 4.10 | 100.0 | H | 201.0 | -22.6 |
| 144.508500 | 39.52 | --- | 43.50 | 3.98 | 100.0 | H | 221.0 | -22.6 |
| 167.691500 | 40.58 | --- | 43.50 | 2.92 | 100.0 | H | 188.0 | -21.7 |
| 168.661500 | 37.89 | --- | 43.50 | 5.61 | 100.0 | H | 175.0 | -21.6 |
| 179.622500 | 41.15 | --- | 43.50 | 2.35 | 100.0 | H | 188.0 | -20.9 |



Critical_Freqs

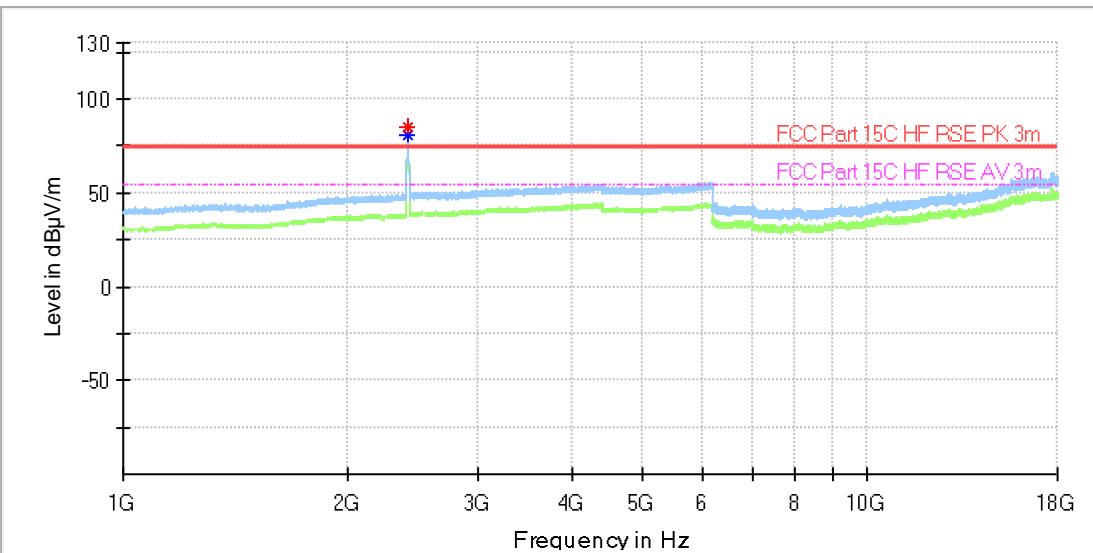
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 49.933500 | 29.35 | --- | 40.00 | 10.65 | 100.0 | V | 181.0 | -18.6 |
| 144.751000 | 34.66 | --- | 43.50 | 8.84 | 100.0 | V | 274.0 | -22.6 |
| 239.714000 | 31.48 | --- | 46.00 | 14.52 | 100.0 | V | 43.0 | -18.0 |
| 937.532000 | 33.28 | --- | 46.00 | 12.72 | 100.0 | V | 227.0 | -5.0 |

Wi-Fi 802.11 b mode, 11 Mbps

1GHz - 18GHz

Test Mode:

wifi 11b_ch1

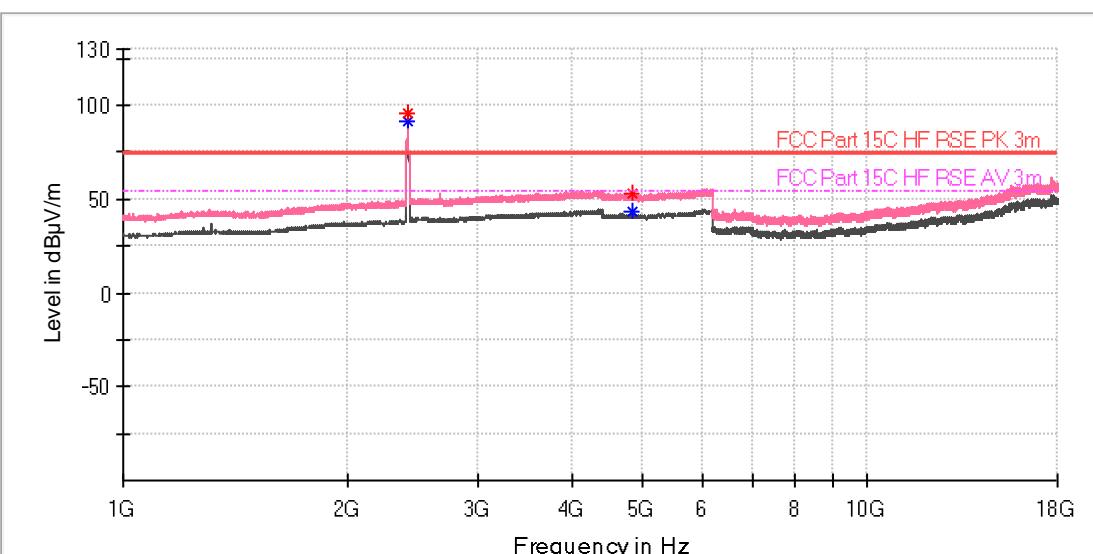


Critical_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|
| 2412.000000 | 85.04 | --- | 74.00 | -11.04 | 200.0 | 1000.000 | 100.0 | H |
| 2413.000000 | --- | 81.17 | 54.00 | -27.17 | 200.0 | 1000.000 | 100.0 | H |

Test Mode:

wifi 11b_ch1

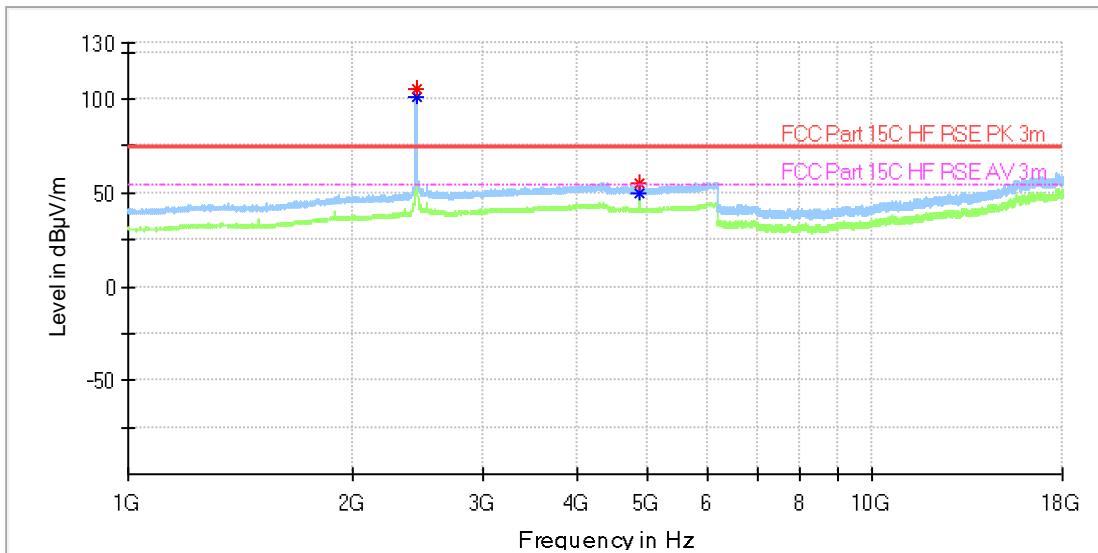


Critical_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|
| 2411.000000 | --- | 91.62 | 54.00 | -37.62 | 200.0 | 1000.000 | 100.0 | V |
| 2412.000000 | 95.32 | --- | 74.00 | -21.32 | 200.0 | 1000.000 | 100.0 | V |
| 4822.000000 | 52.84 | --- | 74.00 | 21.16 | 200.0 | 1000.000 | 100.0 | V |
| 4824.000000 | --- | 43.08 | 54.00 | 10.92 | 200.0 | 1000.000 | 100.0 | V |

Test Mode:

wifi 11b_ch6

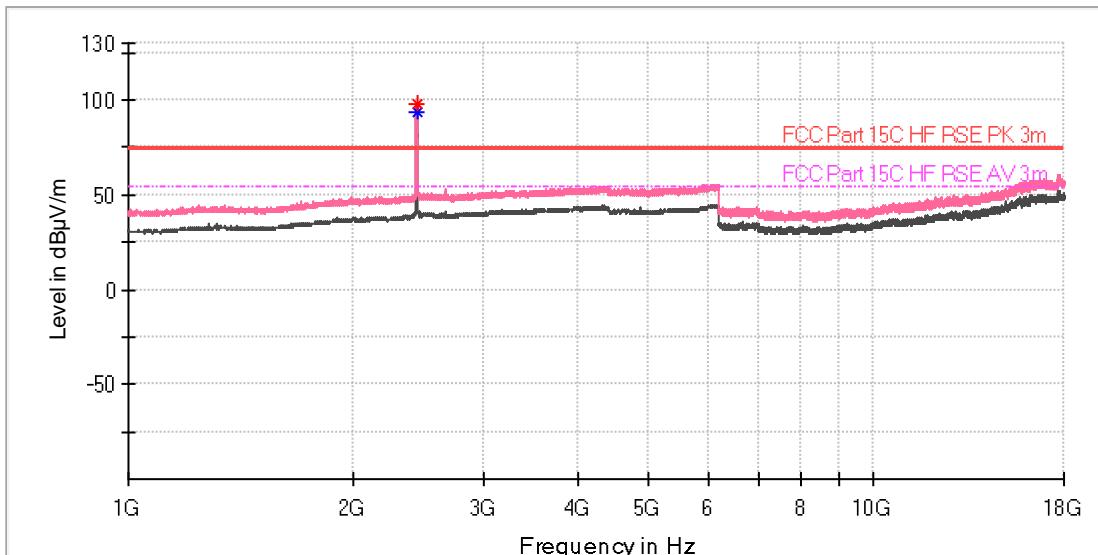


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2437.000000 | 105.38 | --- | 74.00 | -31.38 | 200.0 | 1000.000 | 100.0 | H |
| 2438.000000 | --- | 101.33 | 54.00 | -47.33 | 200.0 | 1000.000 | 100.0 | H |
| 4874.000000 | --- | 50.15 | 54.00 | 3.85 | 200.0 | 1000.000 | 100.0 | H |
| 4874.000000 | 54.62 | --- | 74.00 | 19.38 | 200.0 | 1000.000 | 100.0 | H |

Test Mode:

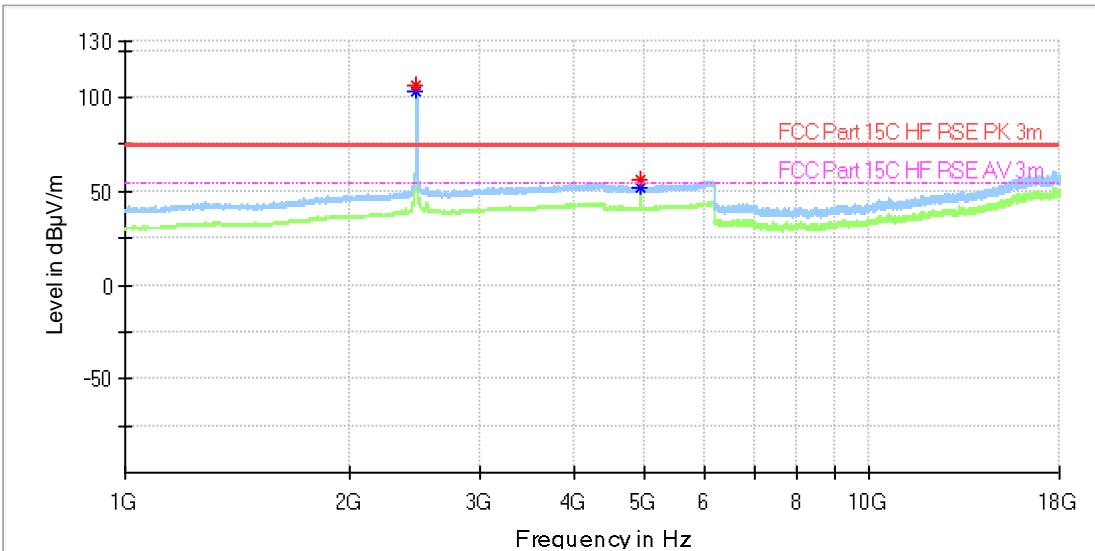
wifi 11b_ch6



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2436.500000 | --- | 93.42 | 54.00 | -39.42 | 200.0 | 1000.000 | 100.0 | V |
| 2437.000000 | 97.54 | --- | 74.00 | -23.54 | 200.0 | 1000.000 | 100.0 | V |

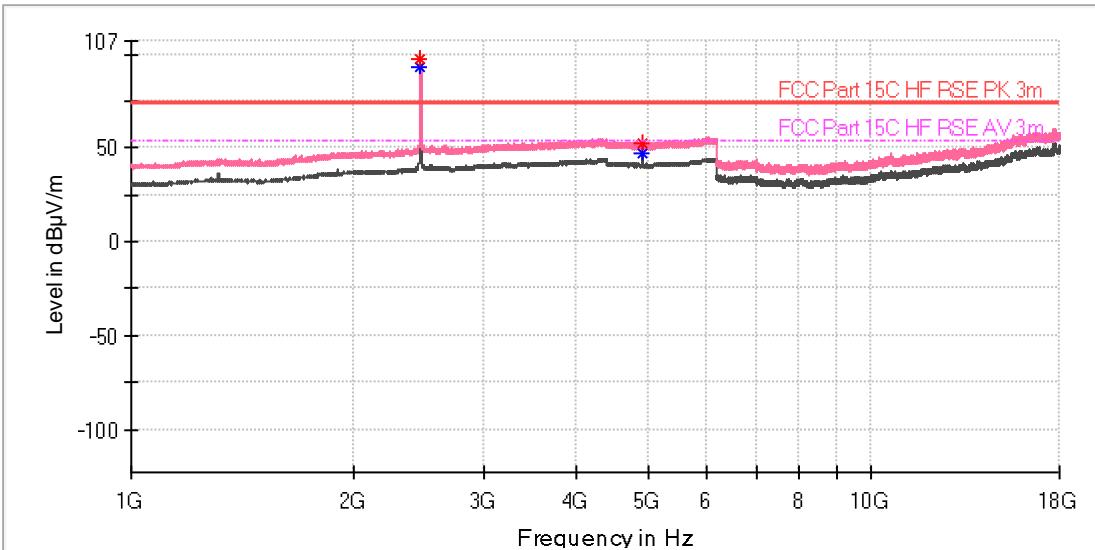
Test Mode: wifi 11b_ch11



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2462.000000 | 106.73 | --- | 74.00 | -32.73 | 200.0 | 1000.000 | 100.0 | H |
| 2463.000000 | --- | 102.74 | 54.00 | -48.74 | 200.0 | 1000.000 | 100.0 | H |
| 4924.000000 | --- | 51.81 | 54.00 | 2.19 | 200.0 | 1000.000 | 100.0 | H |
| 4924.000000 | 56.44 | --- | 74.00 | 17.56 | 200.0 | 1000.000 | 100.0 | H |

Test Mode: wifi 11b_ch11



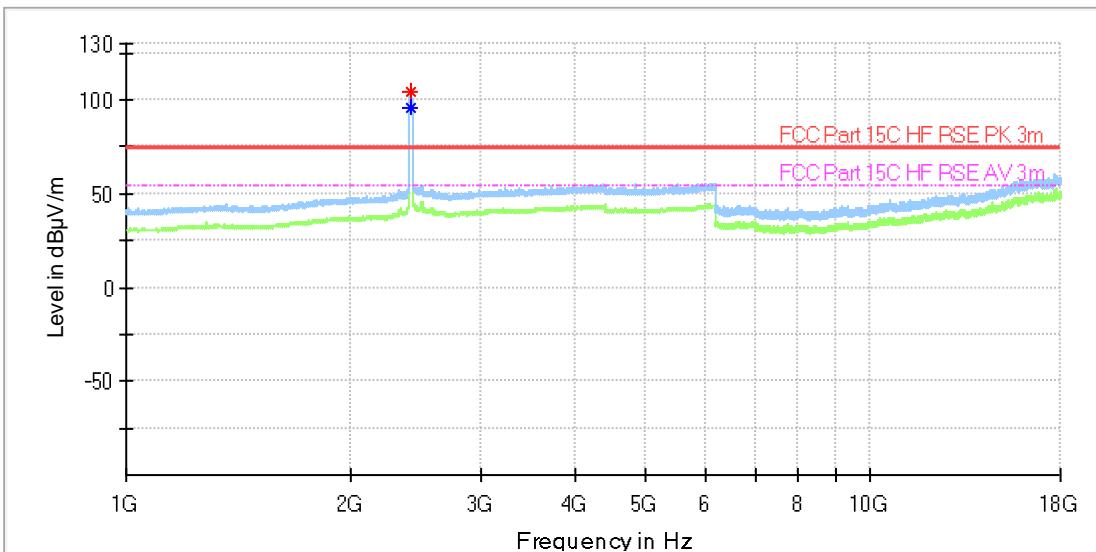
Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2462.000000 | 97.43 | --- | 74.00 | -23.43 | 200.0 | 1000.000 | 100.0 | V |
| 2463.000000 | --- | 93.44 | 54.00 | -39.44 | 200.0 | 1000.000 | 100.0 | V |
| 4924.000000 | 52.71 | --- | 74.00 | 21.29 | 200.0 | 1000.000 | 100.0 | V |
| 4924.000000 | --- | 47.08 | 54.00 | 6.92 | 200.0 | 1000.000 | 100.0 | V |

Wi-Fi 802.11 g mode, 54 Mbps
1GHz - 18GHz

Test Mode:

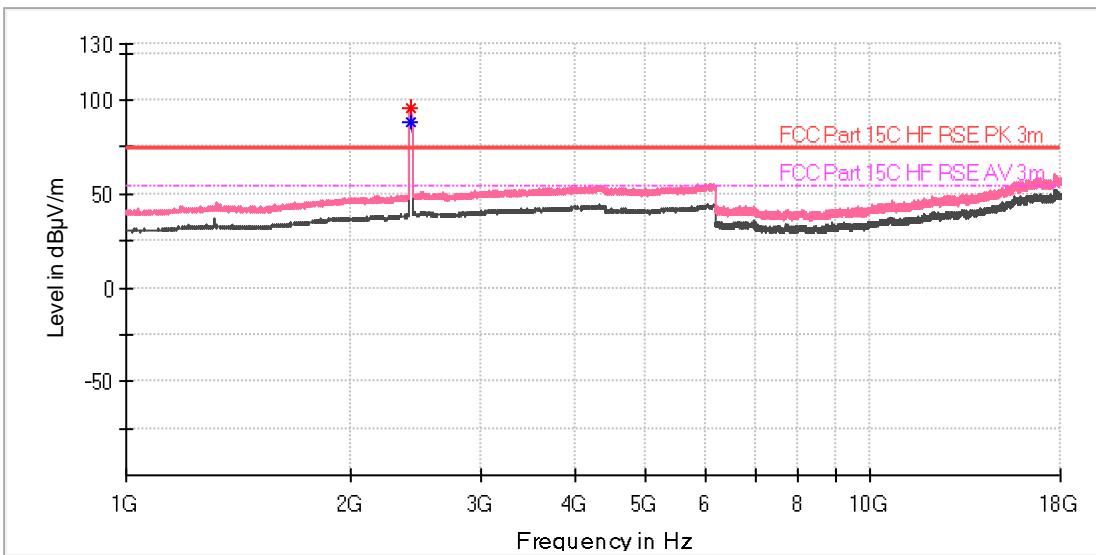
wifi 11g_ch1

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|
| 2417.000000 | 104.37 | --- | 74.00 | -30.37 | 200.0 | 1000.000 | 100.0 | H |
| 2417.500000 | --- | 95.95 | 54.00 | -41.95 | 200.0 | 1000.000 | 100.0 | H |

Test Mode:

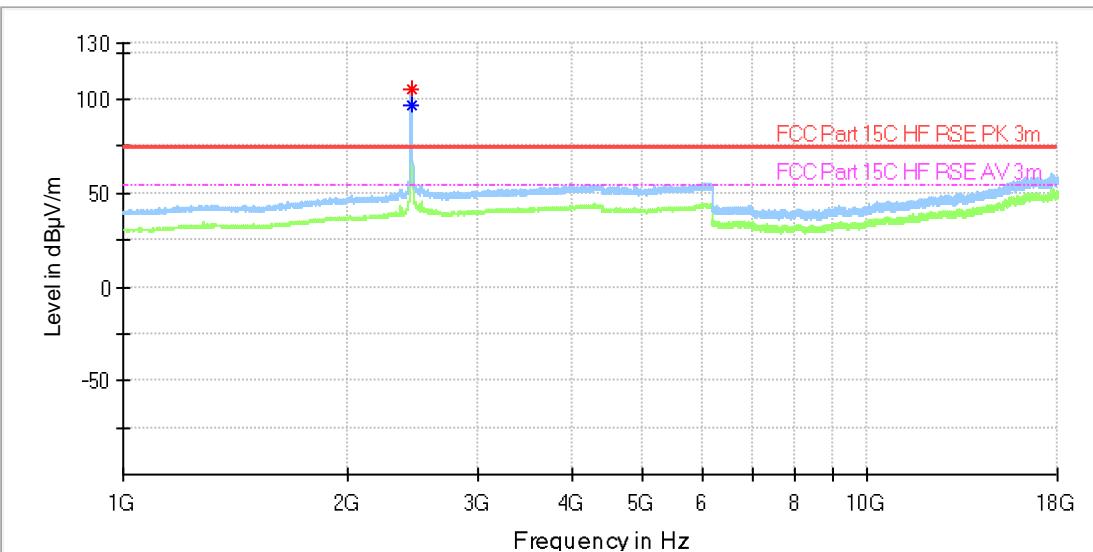
wifi 11g_ch1

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|
| 2417.000000 | --- | 88.13 | 54.00 | -34.13 | 200.0 | 1000.000 | 100.0 | V |

Test Mode:

wifi 11g_ch6

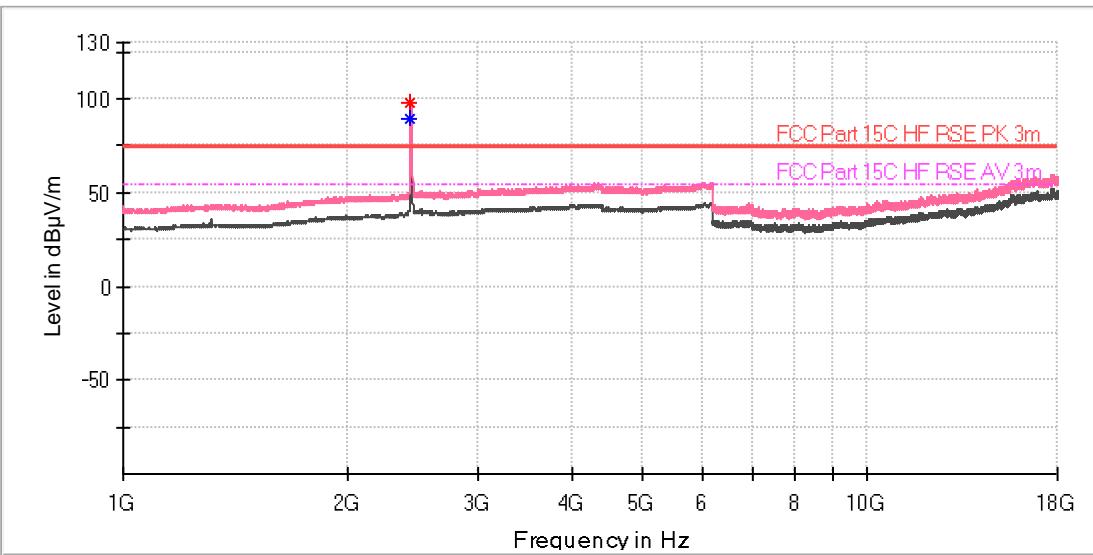


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2443.000000 | --- | 97.17 | 54.00 | -43.17 | 200.0 | 1000.000 | 100.0 | H |
| 2443.500000 | 105.82 | --- | 74.00 | -31.82 | 200.0 | 1000.000 | 100.0 | H |

Test Mode:

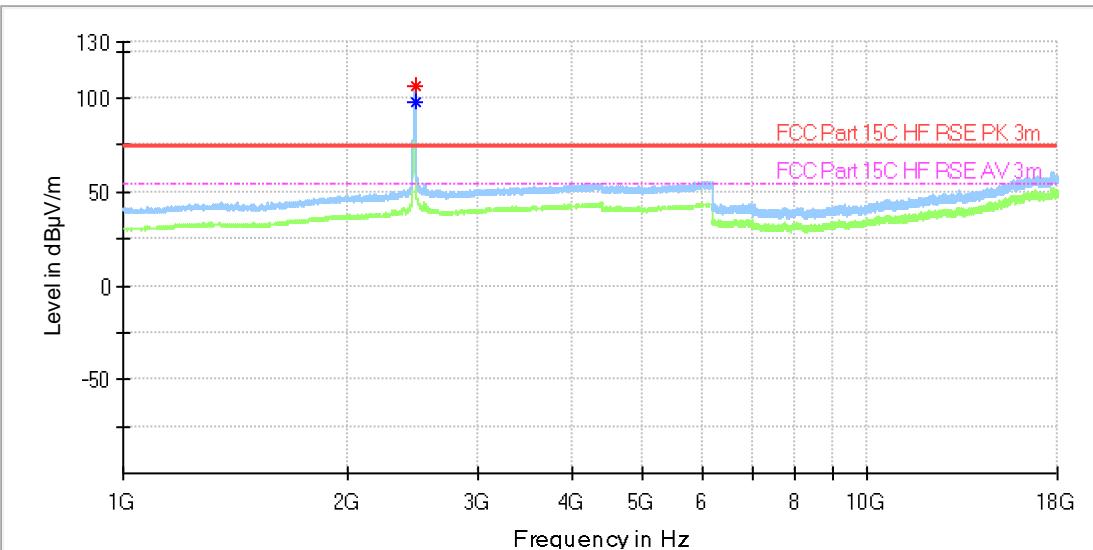
wifi 11g_ch6



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2431.500000 | 97.68 | --- | 74.00 | -23.68 | 200.0 | 1000.000 | 100.0 | V |
| 2434.500000 | --- | 89.40 | 54.00 | -35.40 | 200.0 | 1000.000 | 100.0 | V |

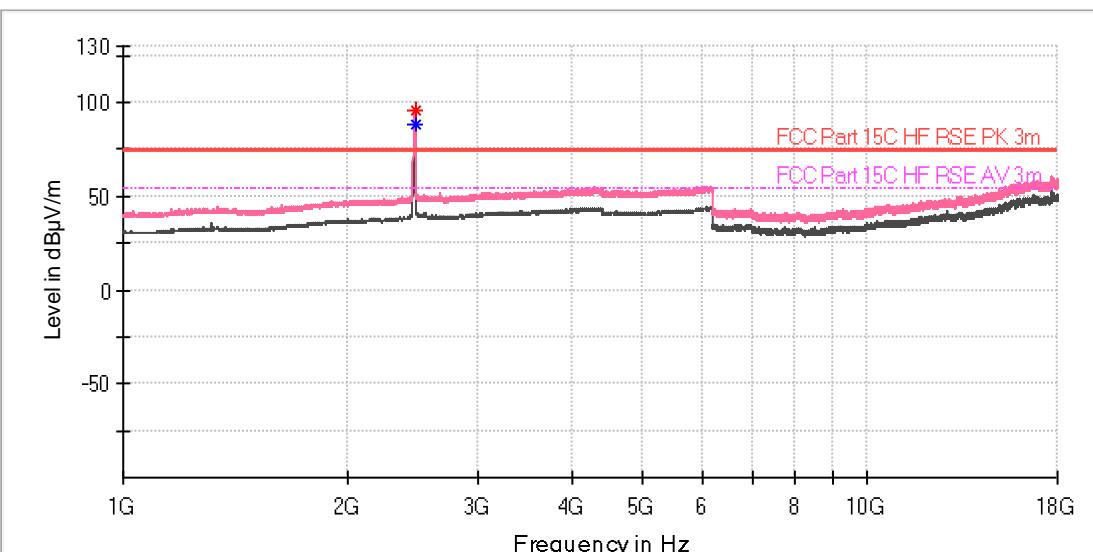
Test Mode: wifi 11g_ch11



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2468.000000 | 105.95 | --- | 74.00 | -31.95 | 200.0 | 1000.000 | 100.0 | H |
| 2468.000000 | --- | 97.44 | 54.00 | -43.44 | 200.0 | 1000.000 | 100.0 | H |

Test Mode: wifi 11g_ch11



Critical_Freqs

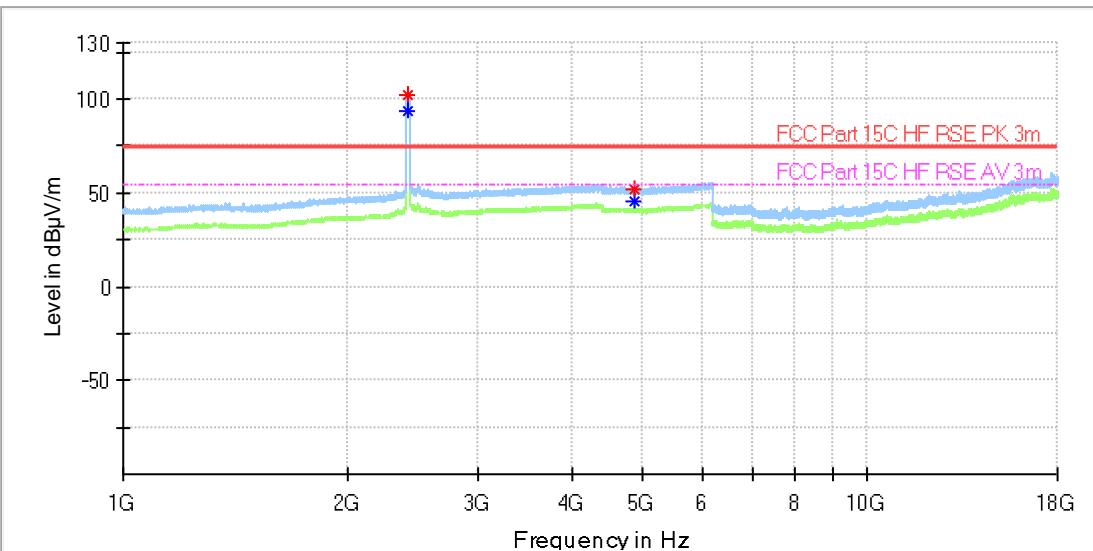
| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2468.500000 | --- | 87.99 | 54.00 | -33.99 | 200.0 | 1000.000 | 100.0 | V |
| 2468.500000 | 96.27 | --- | 74.00 | -22.27 | 200.0 | 1000.000 | 100.0 | V |

Wi-Fi 802.11 n(HT20) mode, MCS0

1GHz - 18GHz

Test Mode:

wifi 11n20_ch1

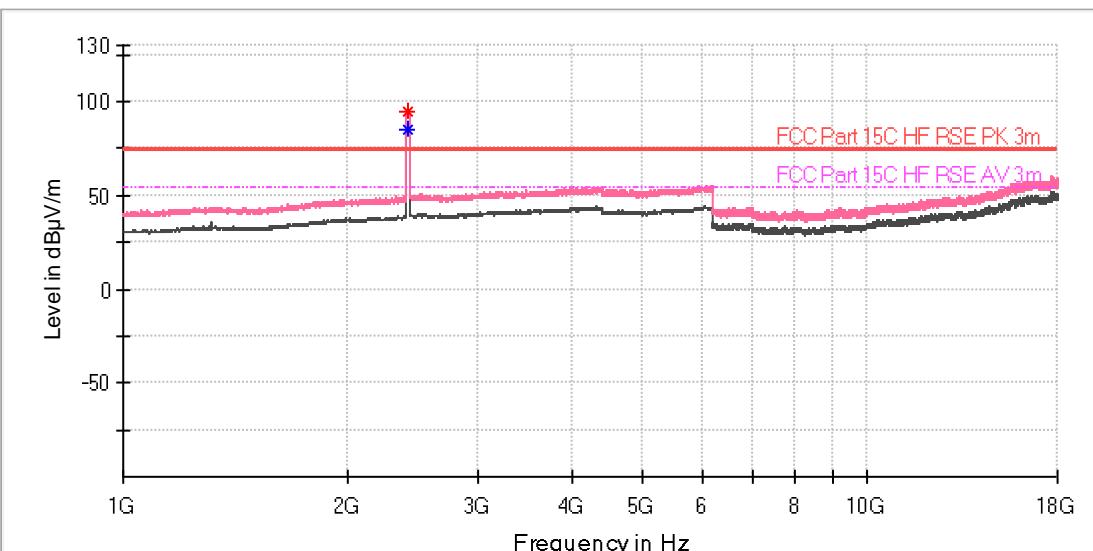


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2418.000000 | --- | 93.97 | 54.00 | -39.97 | 200.0 | 1000.000 | 100.0 | H |
| 2419.500000 | 102.32 | --- | 74.00 | -28.32 | 200.0 | 1000.000 | 100.0 | H |
| 4864.000000 | 51.98 | --- | 74.00 | 22.02 | 200.0 | 1000.000 | 100.0 | H |
| 4864.000000 | --- | 45.18 | 54.00 | 8.82 | 200.0 | 1000.000 | 100.0 | H |

Test Mode:

wifi 11n20_ch1

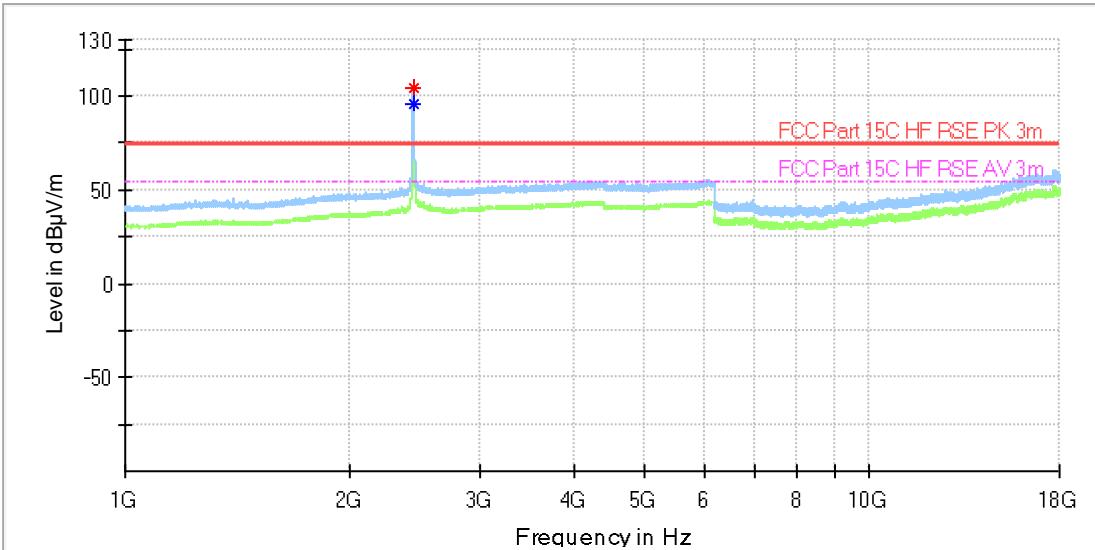


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2407.500000 | --- | 85.48 | 54.00 | -31.48 | 200.0 | 1000.000 | 100.0 | V |
| 2418.500000 | 94.19 | --- | 74.00 | -20.19 | 200.0 | 1000.000 | 100.0 | V |

(continuation of the "Critical_Freqs" table from column 14 ...)

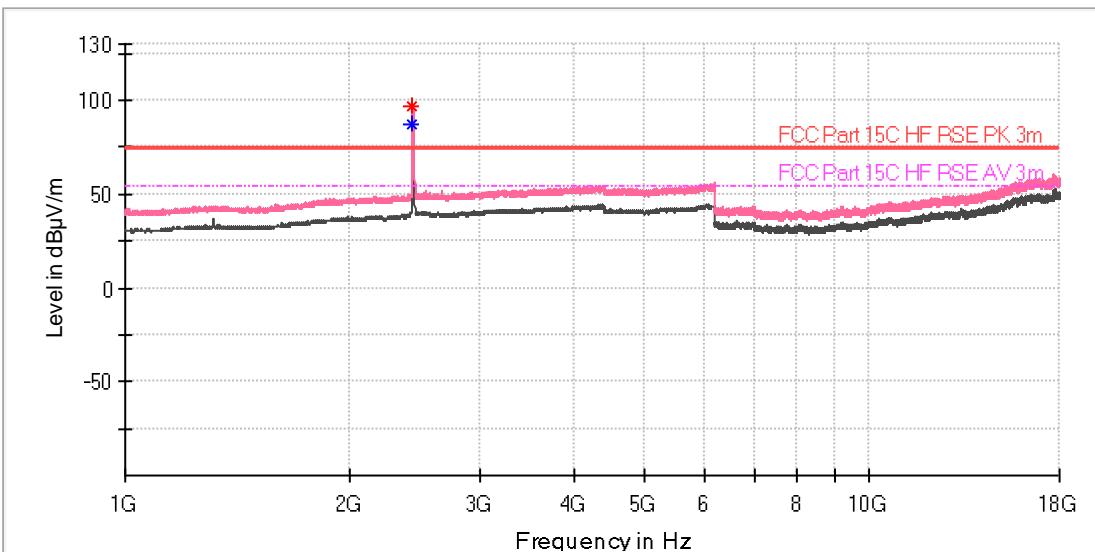
Test Mode: wifi 11N20_ch6



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2440.500000 | 104.34 | --- | 74.00 | -30.34 | 200.0 | 1000.000 | 100.0 | H |
| 2442.500000 | --- | 96.04 | 54.00 | -42.04 | 200.0 | 1000.000 | 100.0 | H |

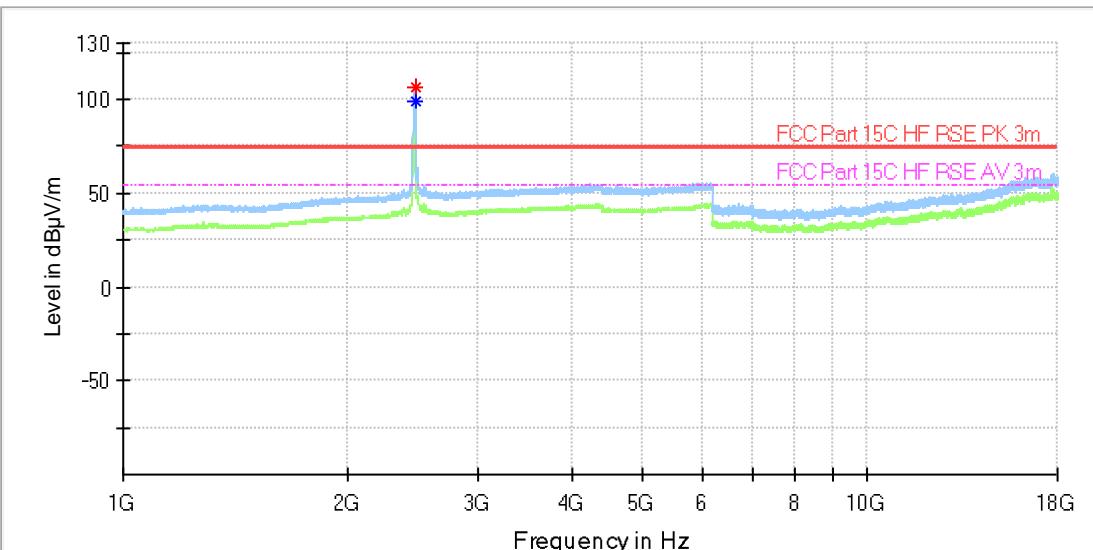
Test Mode: wifi 11N20_ch6



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2429.500000 | --- | 87.60 | 54.00 | -33.60 | 200.0 | 1000.000 | 100.0 | V |
| 2431.500000 | 96.44 | --- | 74.00 | -22.44 | 200.0 | 1000.000 | 100.0 | V |

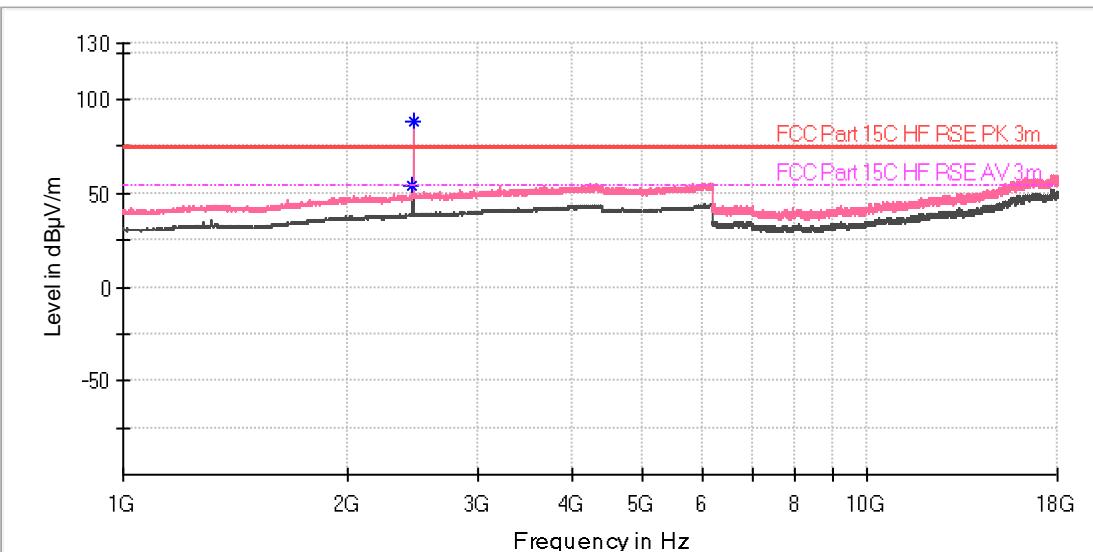
Test Mode: wifi 11N20_ch11



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2469.000000 | --- | 98.77 | 54.00 | -44.77 | 200.0 | 1000.000 | 100.0 | H |
| 2469.500000 | 106.71 | --- | 74.00 | -32.71 | 200.0 | 1000.000 | 100.0 | H |

Test Mode: wifi 11N20_ch11



Critical_Freqs

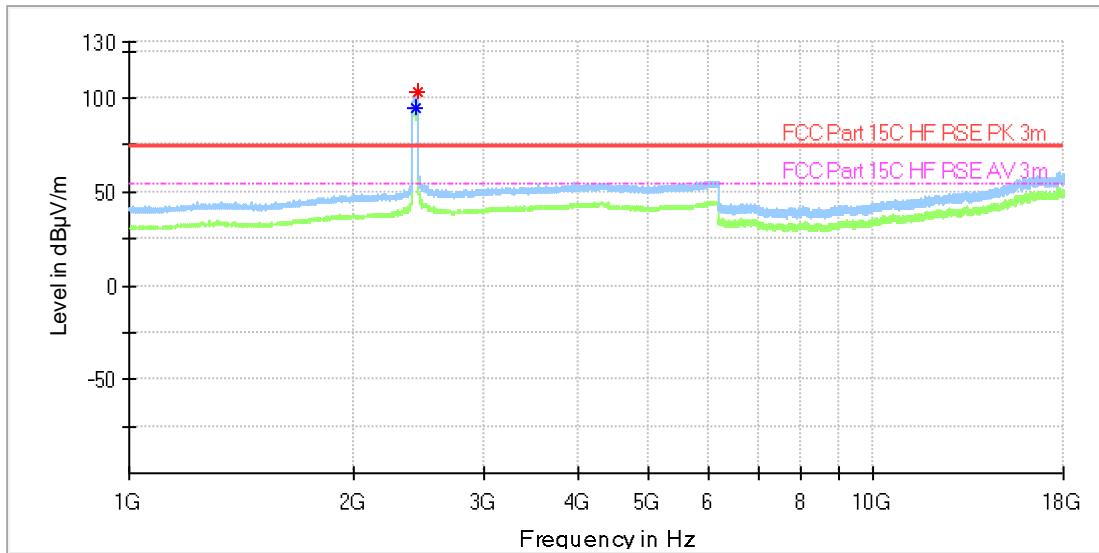
| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 2447.000000 | --- | 53.66 | 54.00 | 0.34 | 200.0 | 1000.000 | 100.0 | V |
| 2459.000000 | --- | 88.63 | 54.00 | -34.63 | 200.0 | 1000.000 | 100.0 | V |

Wi-Fi 802.11 n(HT40) mode, MCS0

1GHz - 18GHz

Test Mode:

wifi 11N40_ch3

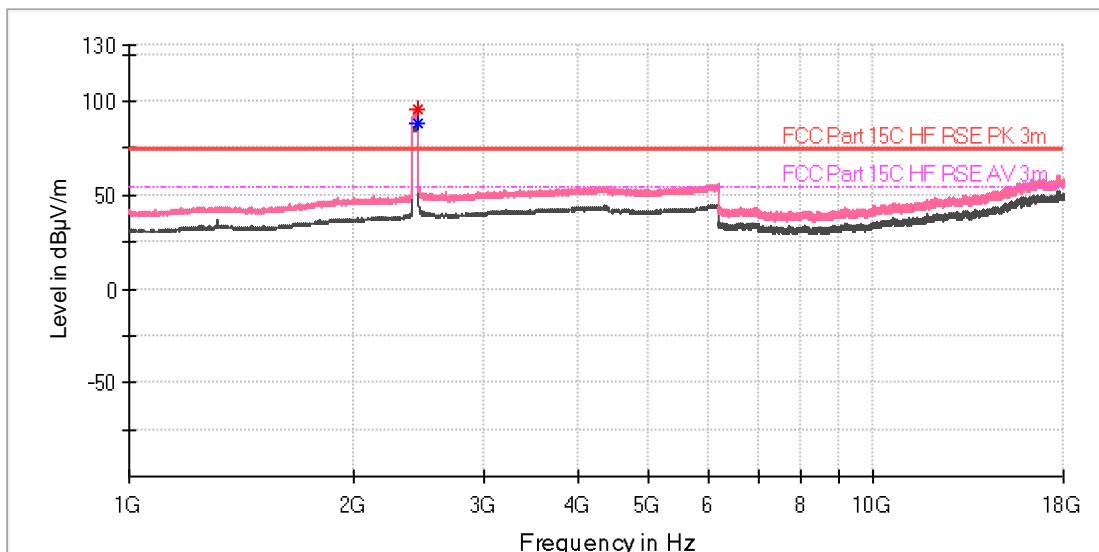


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2435.000000 | --- | 94.79 | 54.00 | -40.79 | 100.0 | H | 322.0 | 7.3 |
| 2438.000000 | 103.17 | --- | 74.00 | -29.17 | 100.0 | H | 322.0 | 7.4 |

Test Mode:

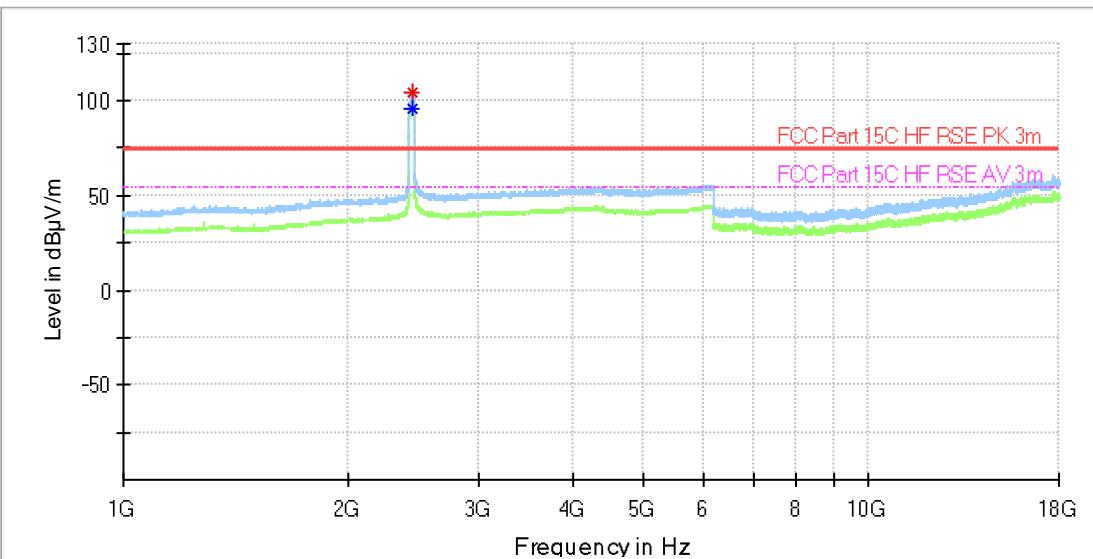
wifi 11N40_ch3



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2435.500000 | --- | 87.86 | 54.00 | -33.86 | 100.0 | V | 313.0 | 7.3 |
| 2436.000000 | 95.86 | --- | 74.00 | -21.86 | 100.0 | V | 313.0 | 7.3 |

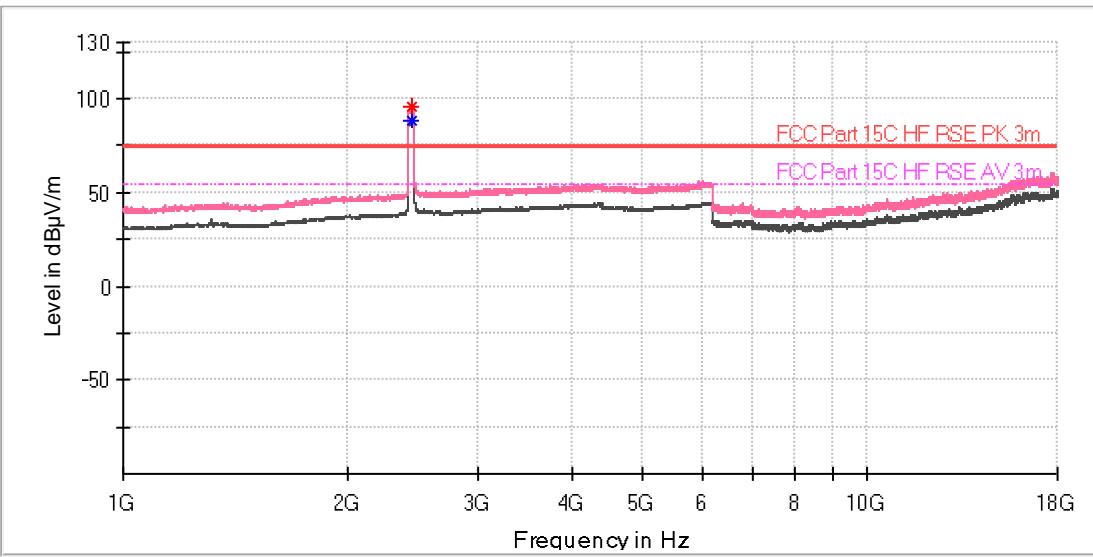
Test Mode: wifi 11N40_ch6



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2446.500000 | --- | 95.34 | 54.00 | -41.34 | 100.0 | H | 321.0 | 7.4 |
| 2448.500000 | 104.16 | --- | 74.00 | -30.16 | 100.0 | H | 325.0 | 7.5 |

Test Mode: wifi 11N40_ch6

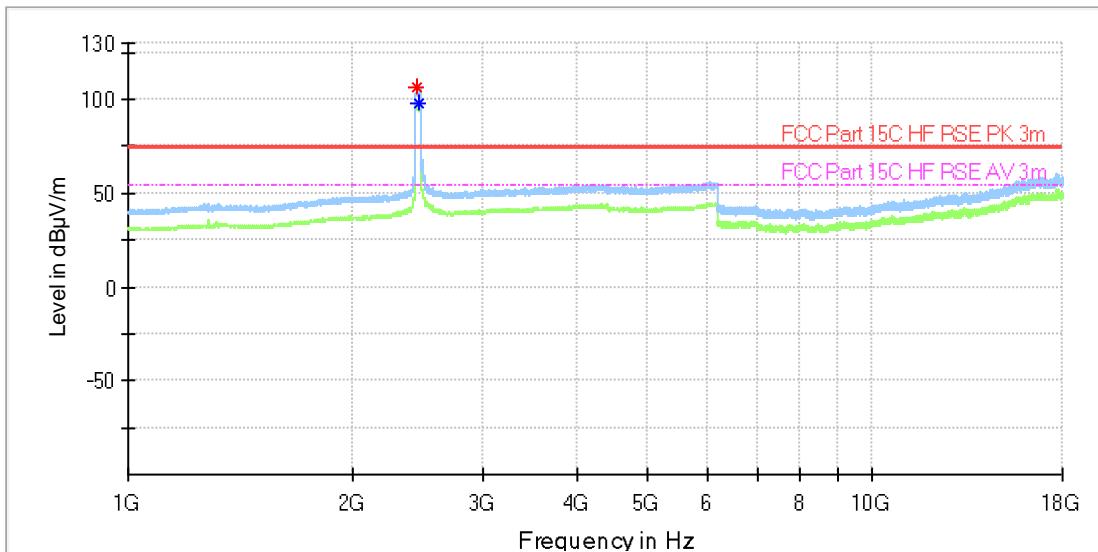


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2449.500000 | --- | 87.83 | 54.00 | -33.83 | 100.0 | V | 313.0 | 7.5 |
| 2448.500000 | 96.16 | --- | 74.00 | -22.16 | 100.0 | V | 339.0 | 7.5 |

Test Mode:

wifi 11b_ch1

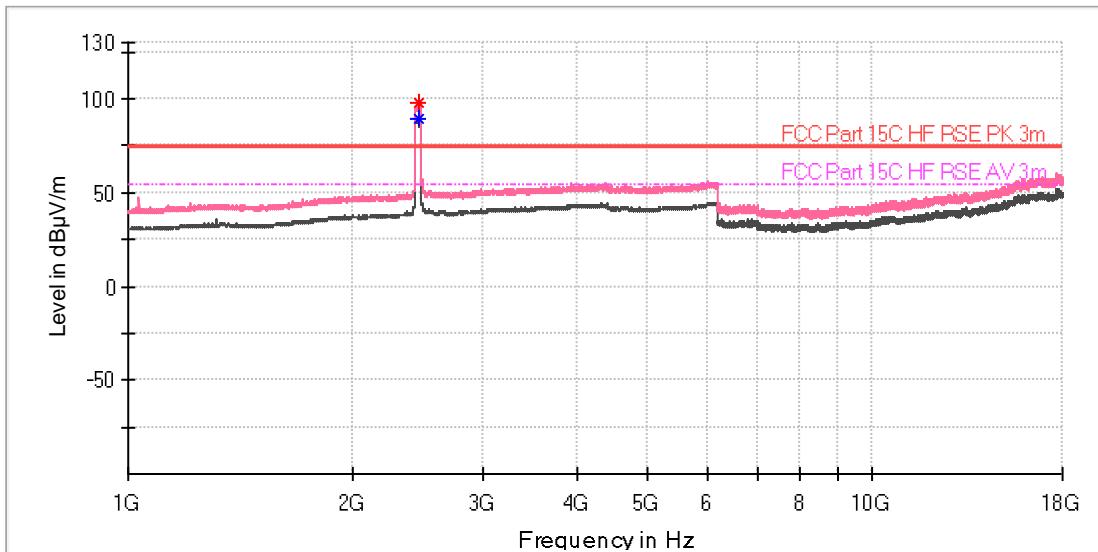


Critical Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2449.000000 | 106.12 | --- | 74.00 | -32.12 | 100.0 | H | 66.0 | 7.5 |
| 2464.500000 | --- | 97.85 | 54.00 | -43.85 | 100.0 | H | 66.0 | 7.4 |

Test Mode:

wifi 11N40_ch9



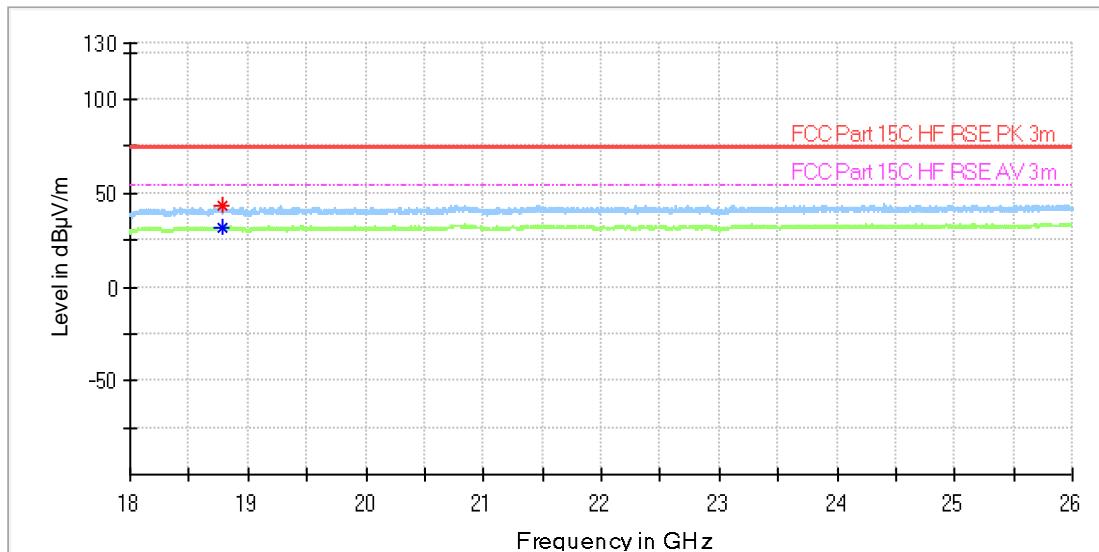
Critical Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2465.000000 | 98.25 | --- | 74.00 | -24.25 | 100.0 | V | 339.0 | 7.4 |
| 2464.500000 | --- | 89.85 | 54.00 | -35.85 | 100.0 | V | 343.0 | 7.4 |

18GHz - 26GHz

Test Mode:

wifi 11b_ch1

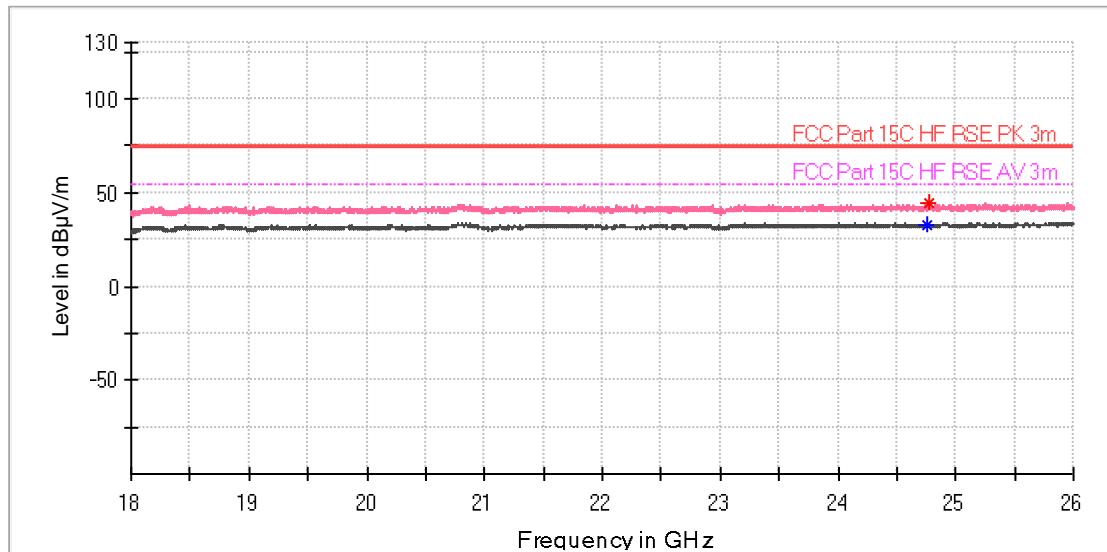


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 18784.000000 | --- | 31.98 | 54.00 | 22.02 | 150.0 | H | 278.0 | -13.4 |
| 18791.000000 | 43.06 | --- | 74.00 | 30.94 | 150.0 | H | 109.0 | -13.4 |

Test Mode:

wifi 11b_ch1



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 24756.000000 | --- | 32.86 | 54.00 | 21.14 | 150.0 | V | 2.0 | -10.2 |
| 24767.000000 | 44.10 | --- | 74.00 | 29.90 | 150.0 | V | 333.0 | -10.2 |

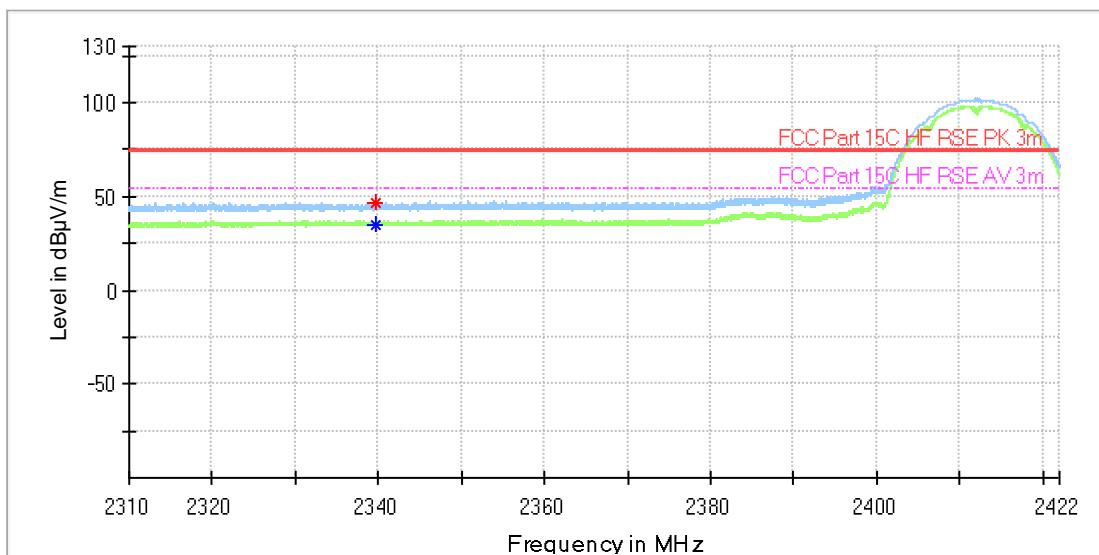
Appendix C.2: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 11 Mbps

Low channel

Test Mode:

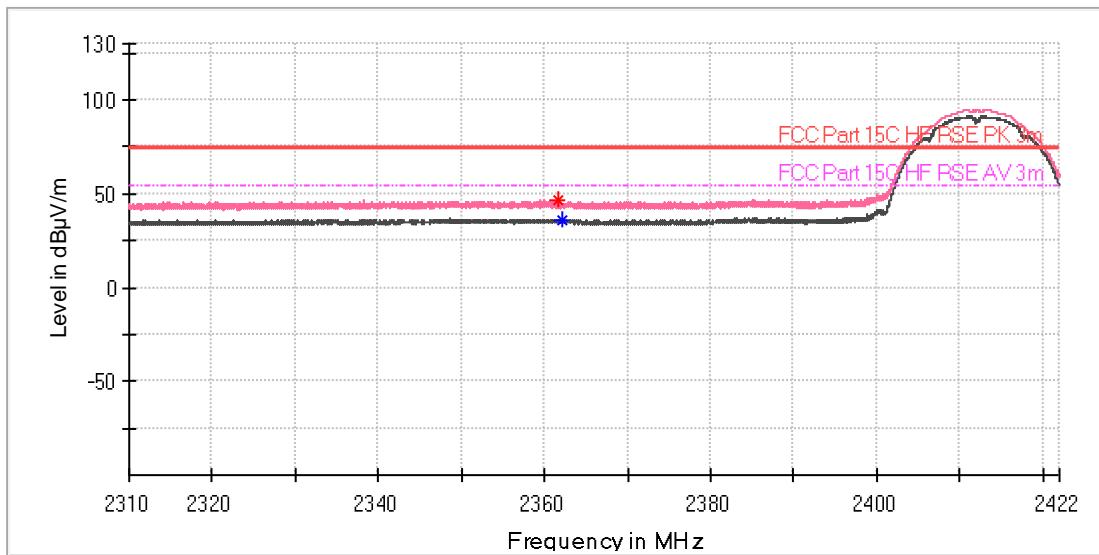
wifi 11b_ch1

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2339.668800 | --- | 35.24 | 54.00 | 18.76 | 100.0 | H | 341.0 | 6.8 |
| 2339.668800 | 46.62 | --- | 74.00 | 27.38 | 100.0 | H | 341.0 | 6.8 |

Test Mode:

wifi 11b_ch1

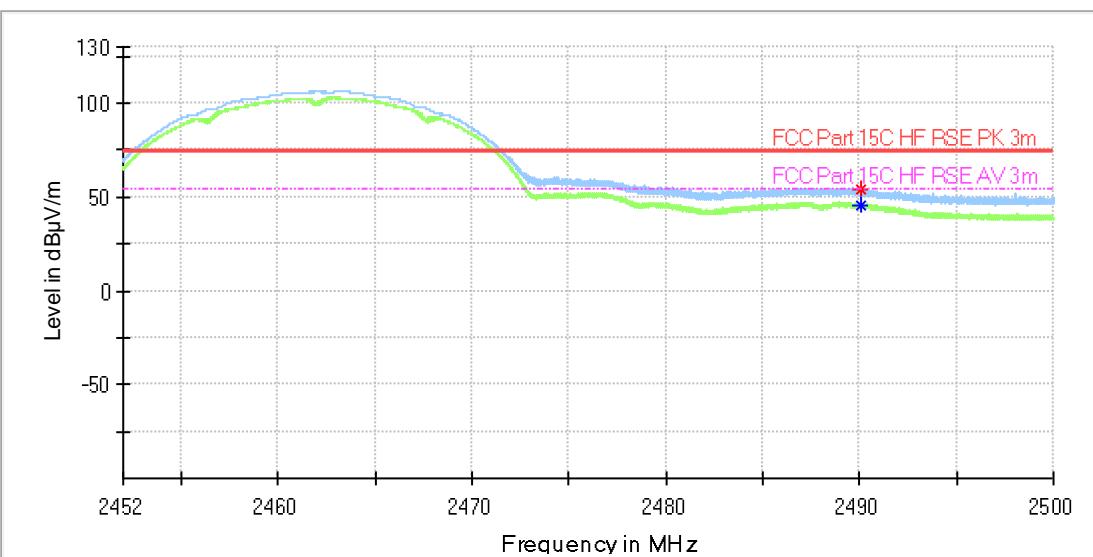
**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2361.755200 | 46.39 | --- | 74.00 | 27.61 | 100.0 | V | 67.0 | 6.9 |
| 2362.046400 | --- | 35.80 | 54.00 | 18.20 | 100.0 | V | 1.0 | 6.9 |

High channel

Test Mode:

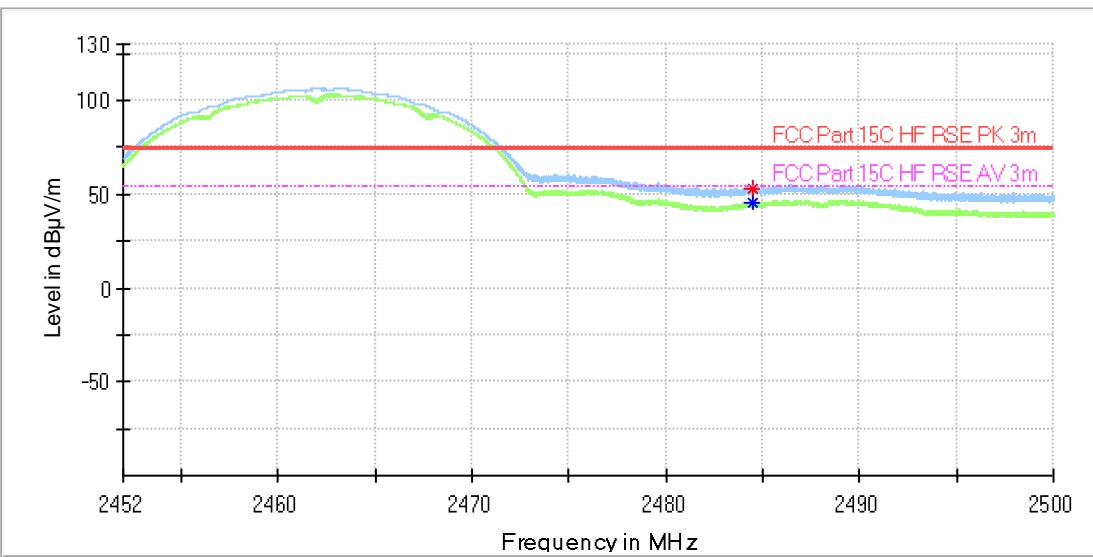
wifi 11b_ch11

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2490.059200 | --- | 45.33 | 54.00 | 8.67 | 100.0 | H | 63.0 | 7.4 |
| 2490.059200 | 54.12 | --- | 74.00 | 19.88 | 100.0 | H | 63.0 | 7.4 |

Test Mode:

wifi 11b_ch11

**Critical_Freqs**

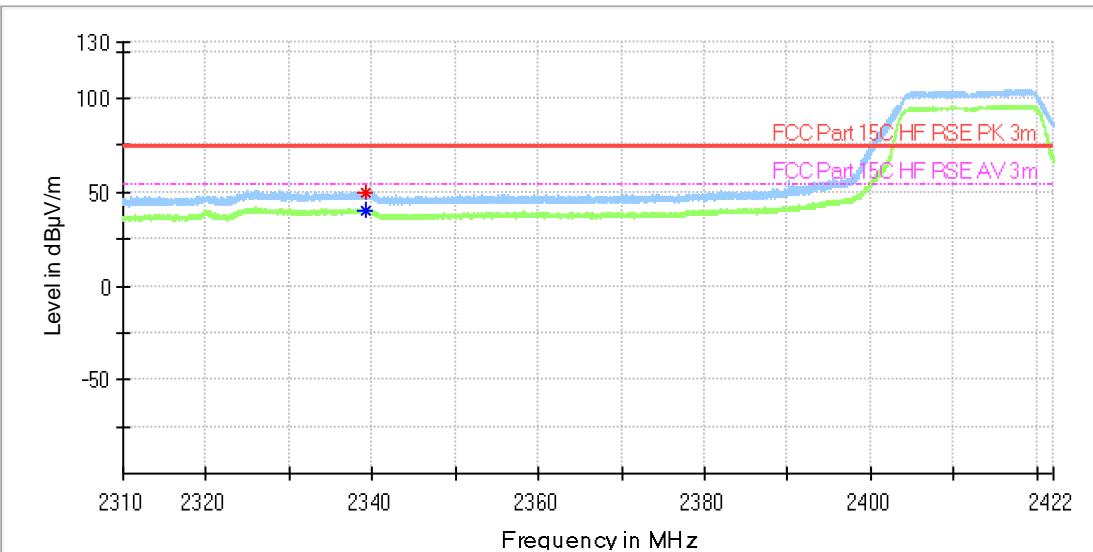
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.462400 | --- | 45.02 | 54.00 | 8.98 | 100.0 | H | 66.0 | 7.4 |
| 2484.462400 | 53.15 | --- | 74.00 | 20.85 | 100.0 | H | 66.0 | 7.4 |

Wi-Fi 802.11 g mode, 54 Mbps

Low channel

Test Mode:

wifi 11g_ch1

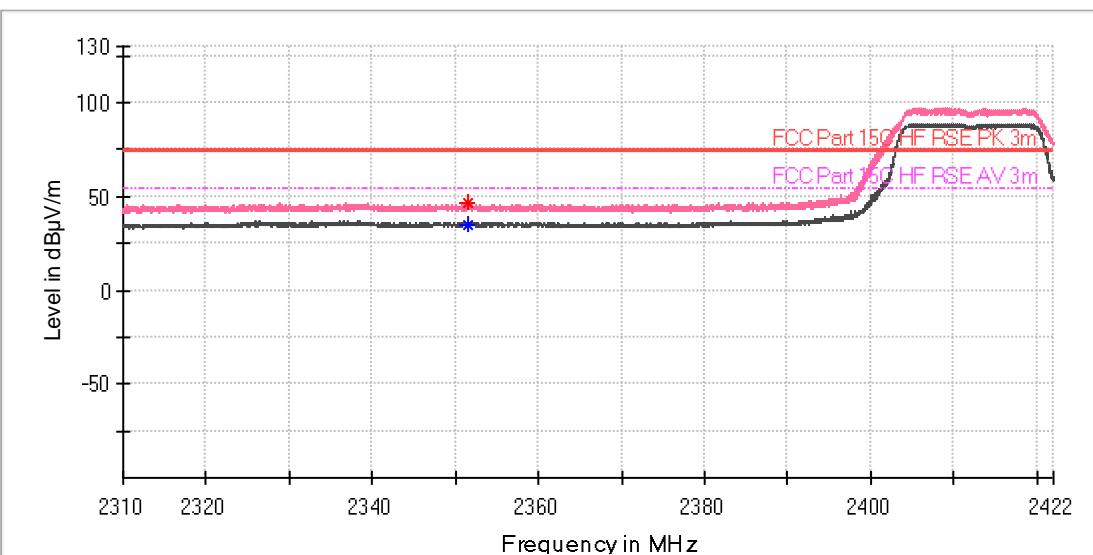


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2339.131200 | --- | 40.39 | 54.00 | 13.61 | 100.0 | H | 67.0 | 6.8 |
| 2339.131200 | 49.56 | --- | 74.00 | 24.44 | 100.0 | H | 67.0 | 6.8 |

Test Mode:

wifi 11g_ch1



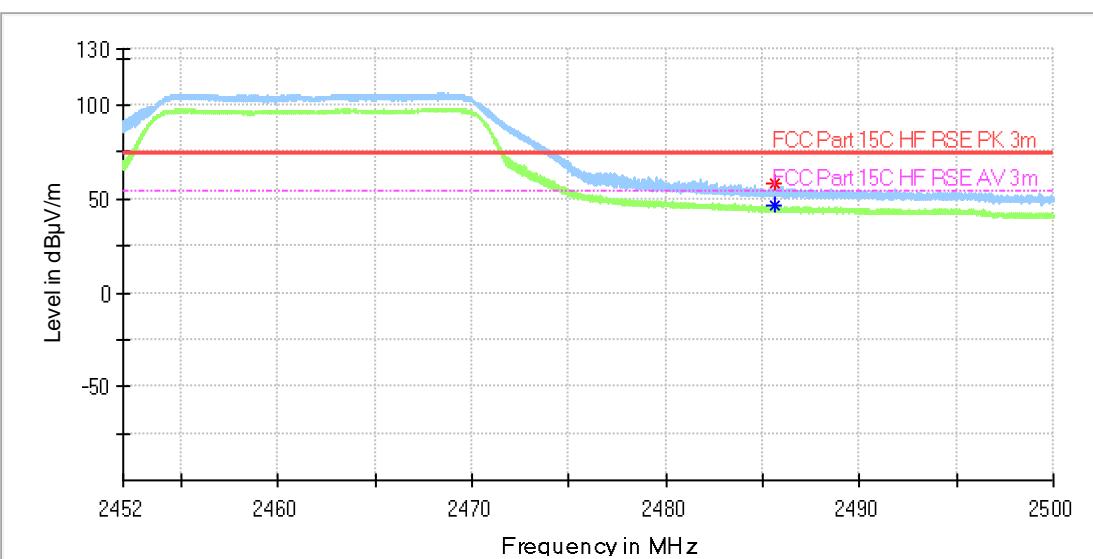
Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2351.484800 | --- | 35.19 | 54.00 | 18.81 | 100.0 | V | 270.0 | 6.9 |
| 2351.484800 | 46.96 | --- | 74.00 | 27.04 | 100.0 | V | 270.0 | 6.9 |

High channel

Test Mode:

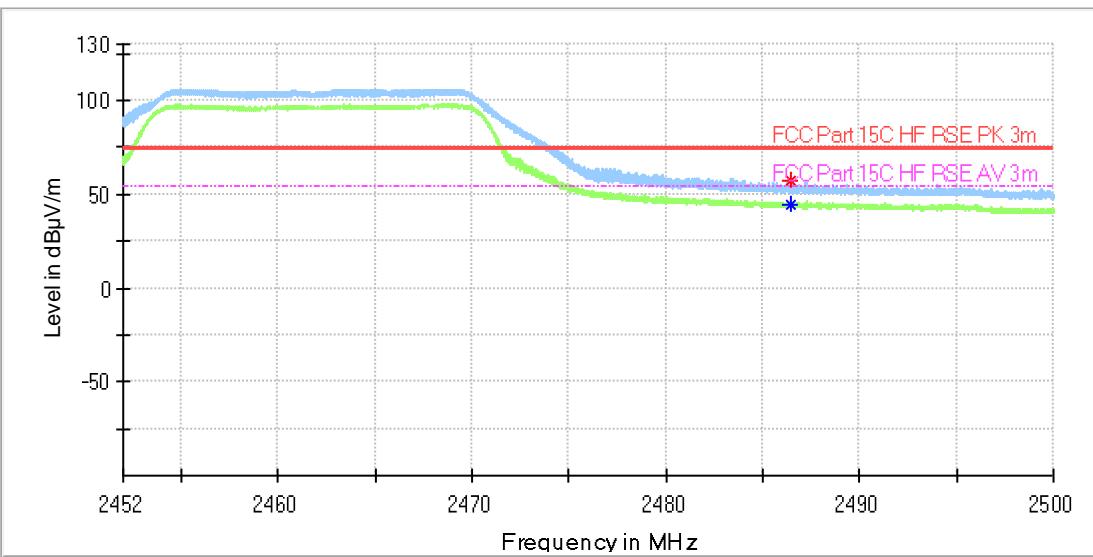
wifi 11g_ch11

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2485.652800 | --- | 46.24 | 54.00 | 7.76 | 100.0 | H | 72.0 | 7.4 |
| 2485.652800 | 58.02 | --- | 74.00 | 15.98 | 100.0 | H | 72.0 | 7.4 |

Test Mode:

wifi 11g_ch11

**Critical_Freqs**

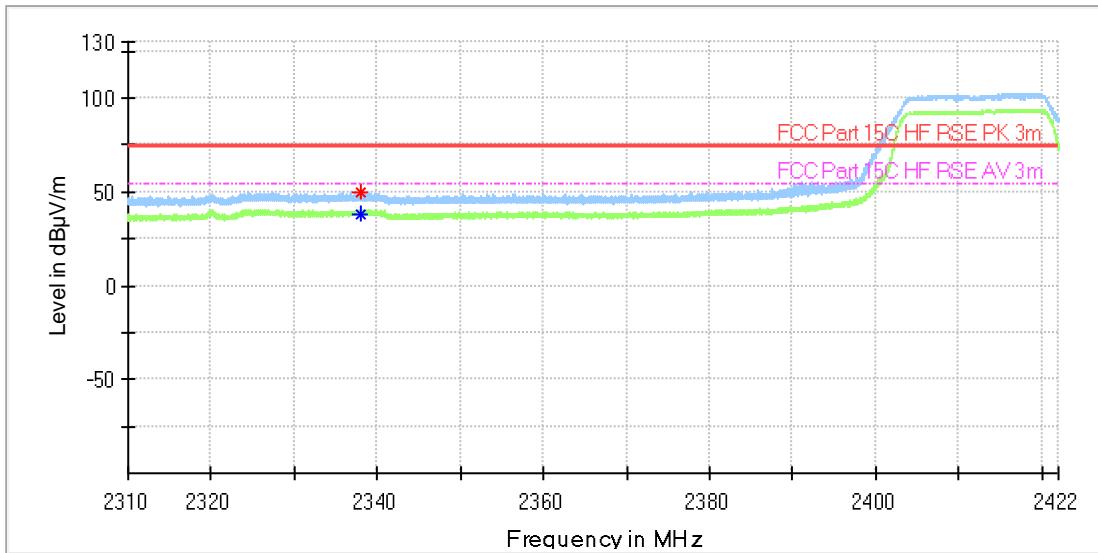
| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2486.435200 | --- | 44.67 | 54.00 | 9.33 | 100.0 | H | 72.0 | 7.4 |
| 2486.435200 | 57.03 | --- | 74.00 | 16.97 | 100.0 | H | 72.0 | 7.4 |

Wi-Fi 802.11 n(HT20) mode, MCS0

Low channel

Test Mode:

wifi 11n20_ch1

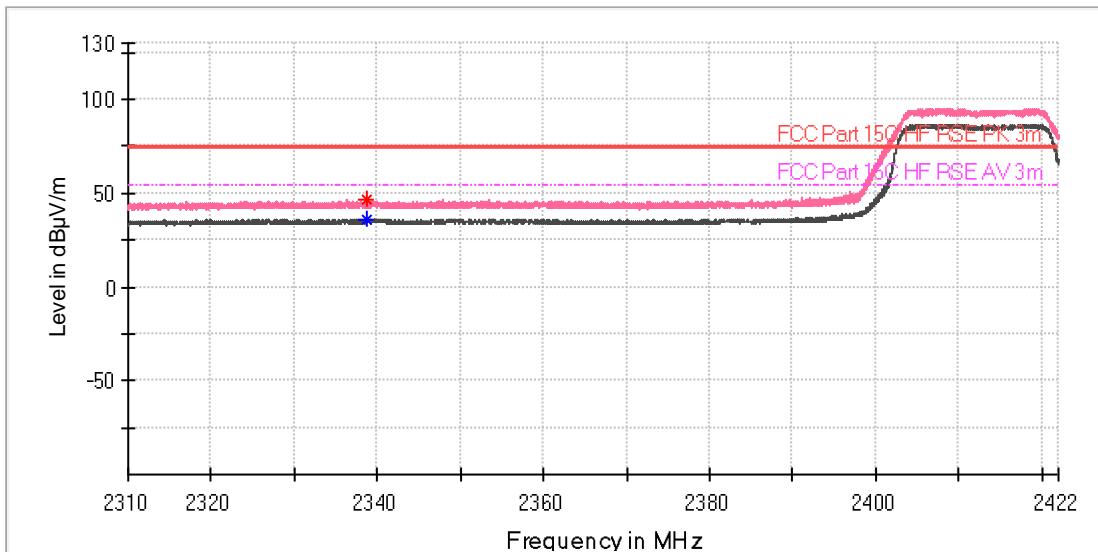


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2338.078400 | 49.97 | --- | 74.00 | 24.03 | 100.0 | H | 237.0 | 6.8 |
| 2338.089600 | --- | 38.09 | 54.00 | 15.91 | 100.0 | H | 59.0 | 6.8 |

Test Mode:

wifi 11n20_ch1



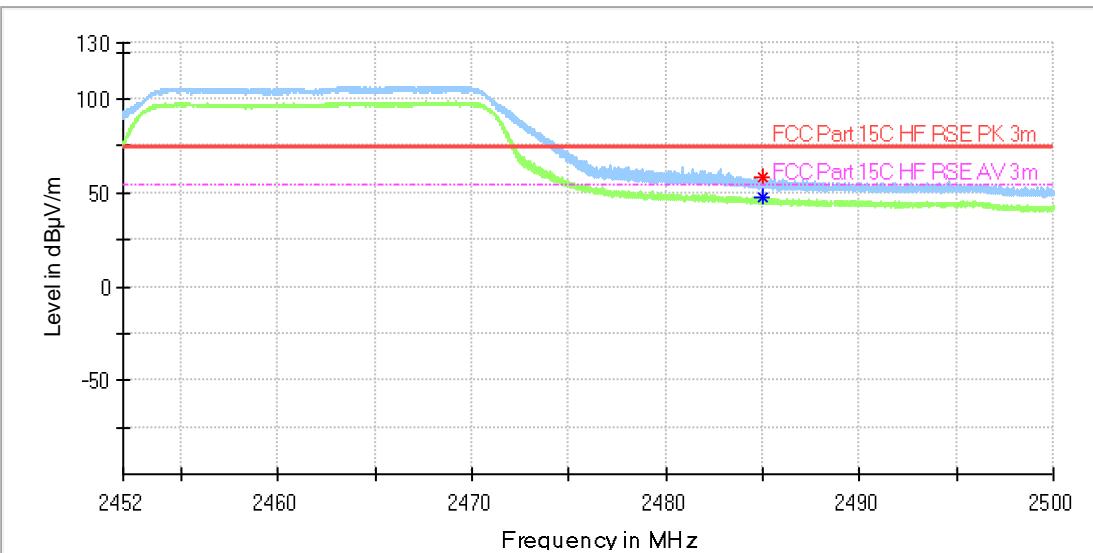
Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2338.784000 | --- | 35.67 | 54.00 | 18.33 | 100.0 | V | 308.0 | 6.8 |
| 2338.784000 | 46.25 | --- | 74.00 | 27.75 | 100.0 | V | 308.0 | 6.8 |

High channel

Test Mode:

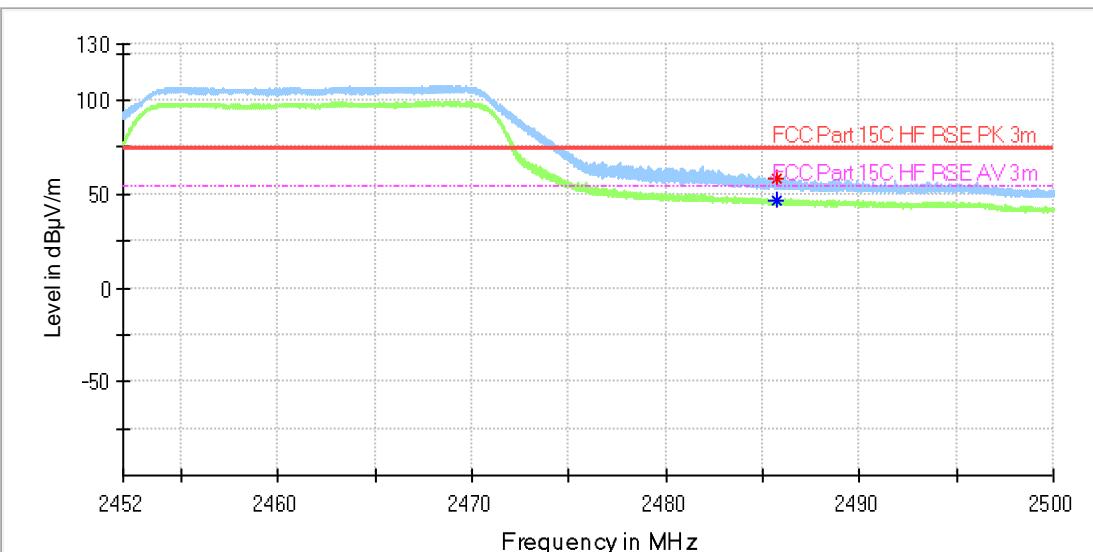
wifi 11N20_ch11

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2484.995200 | --- | 47.86 | 54.00 | 6.14 | 100.0 | H | 244.0 | 7.4 |
| 2485.033600 | 58.49 | --- | 74.00 | 15.51 | 100.0 | H | 67.0 | 7.4 |

Test Mode:

wifi 11N20_ch11

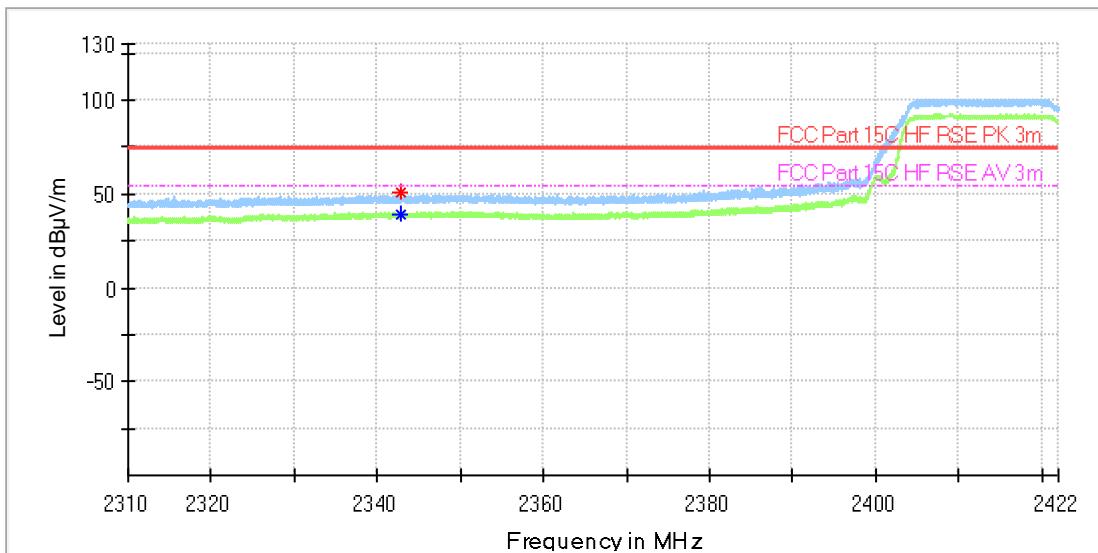
**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2485.705600 | --- | 46.05 | 54.00 | 7.95 | 100.0 | H | 49.0 | 7.4 |
| 2485.705600 | 58.57 | --- | 74.00 | 15.43 | 100.0 | H | 49.0 | 7.4 |

Wi-Fi 802.11 n(HT40) mode, MCS0

Low channel

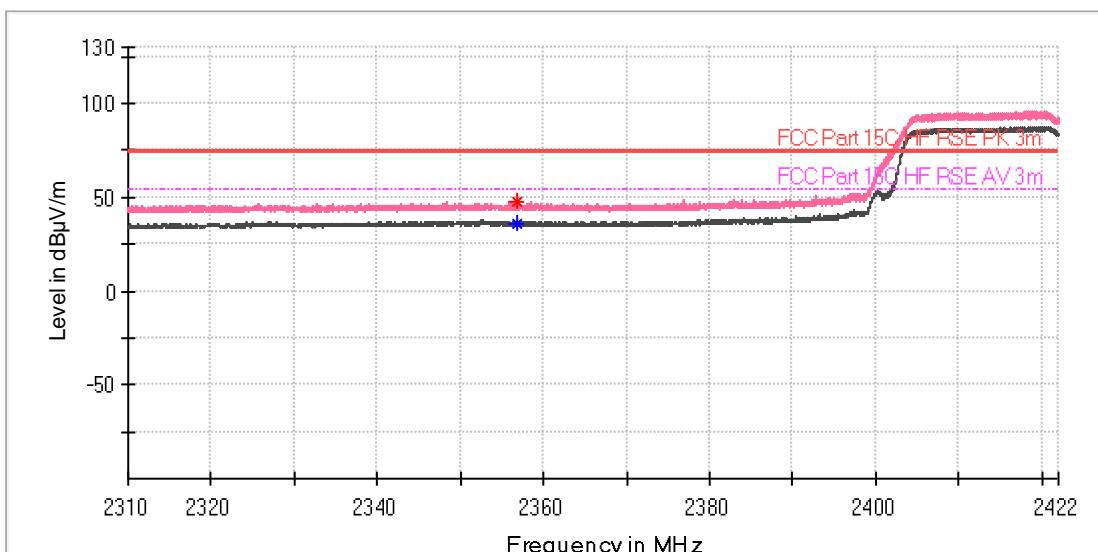
Test Mode: wifi 11N40_ch3



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2342.860800 | --- | 38.90 | 54.00 | 15.10 | 100.0 | H | 325.0 | 6.8 |
| 2342.860800 | 50.32 | --- | 74.00 | 23.68 | 100.0 | H | 325.0 | 6.8 |

Test Mode: wifi 11N40_ch3

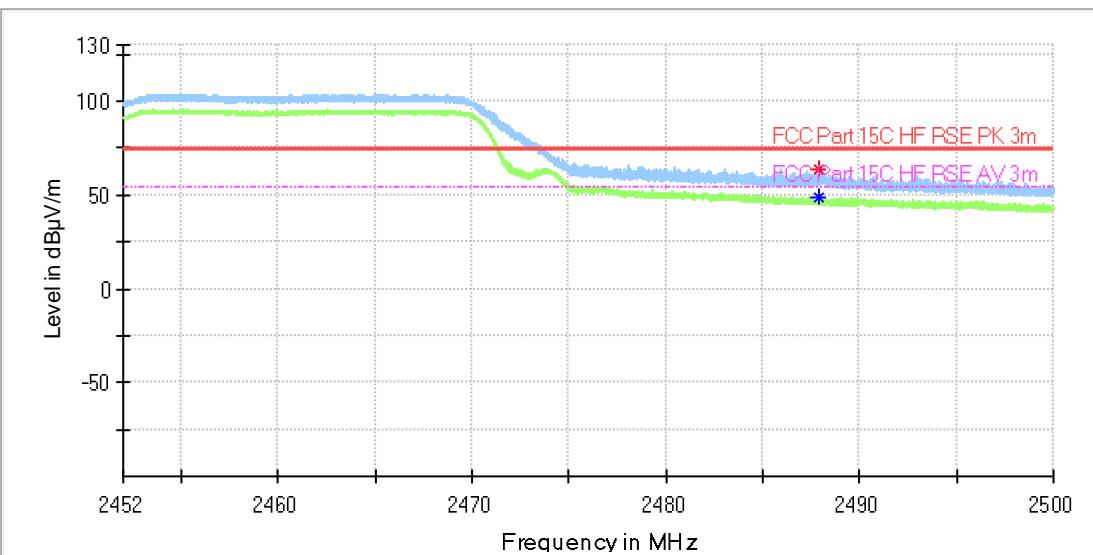


Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2356.804800 | 47.84 | --- | 74.00 | 26.16 | 100.0 | V | 321.0 | 6.9 |
| 2356.816000 | --- | 36.37 | 54.00 | 17.63 | 100.0 | V | 321.0 | 6.9 |

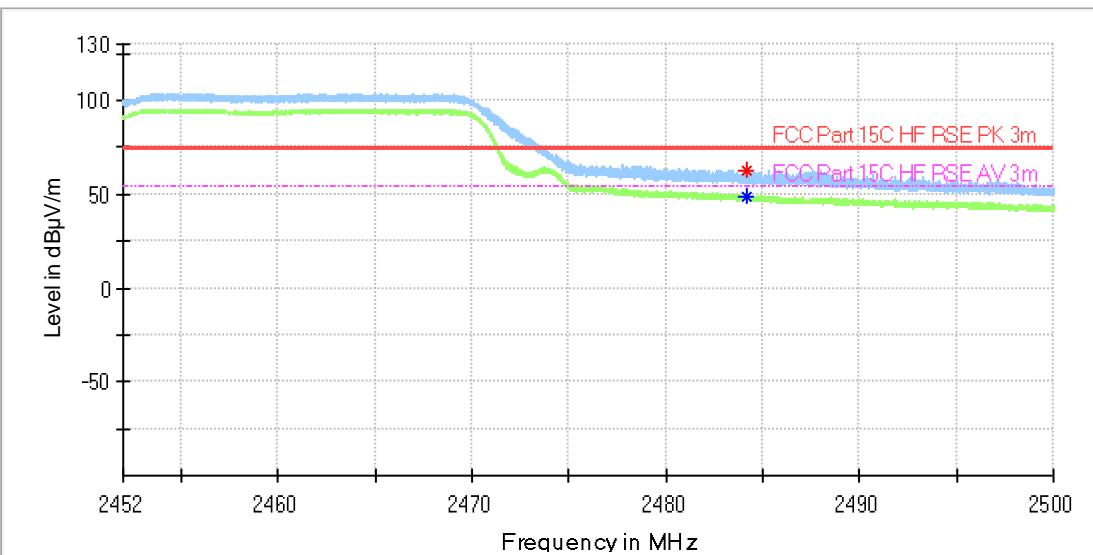
High channel

Test Mode: wifi 11N40_ch9

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2487.894400 | --- | 48.53 | 54.00 | 5.47 | 100.0 | H | 320.0 | 7.4 |
| 2487.894400 | 63.89 | --- | 74.00 | 10.11 | 100.0 | H | 320.0 | 7.4 |

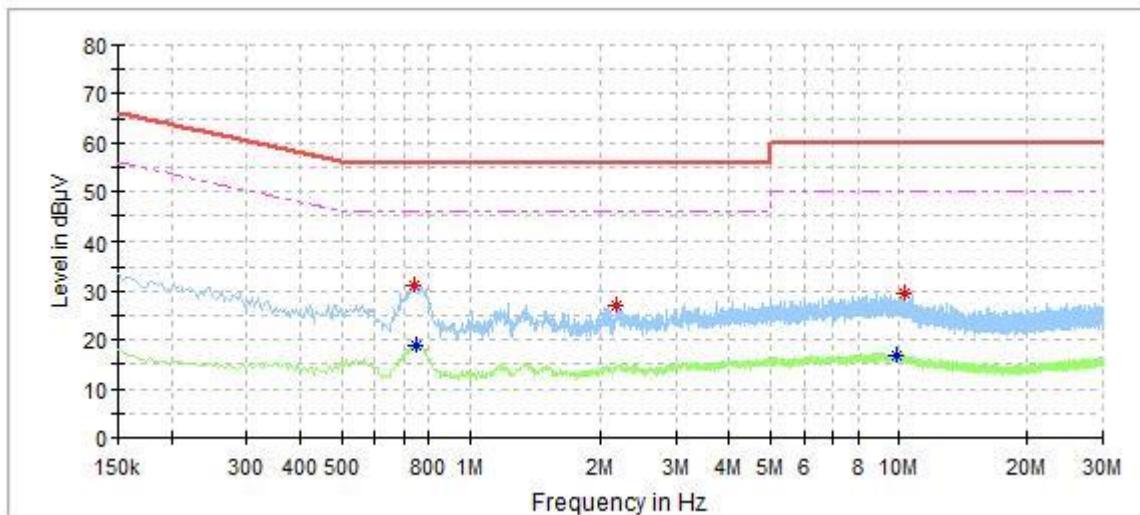
Test Mode: wifi 11N40_ch9

**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 2484.164800 | --- | 48.63 | 54.00 | 5.37 | 100.0 | H | 328.0 | 7.4 |
| 2484.164800 | 63.04 | --- | 74.00 | 10.96 | 100.0 | H | 328.0 | 7.4 |

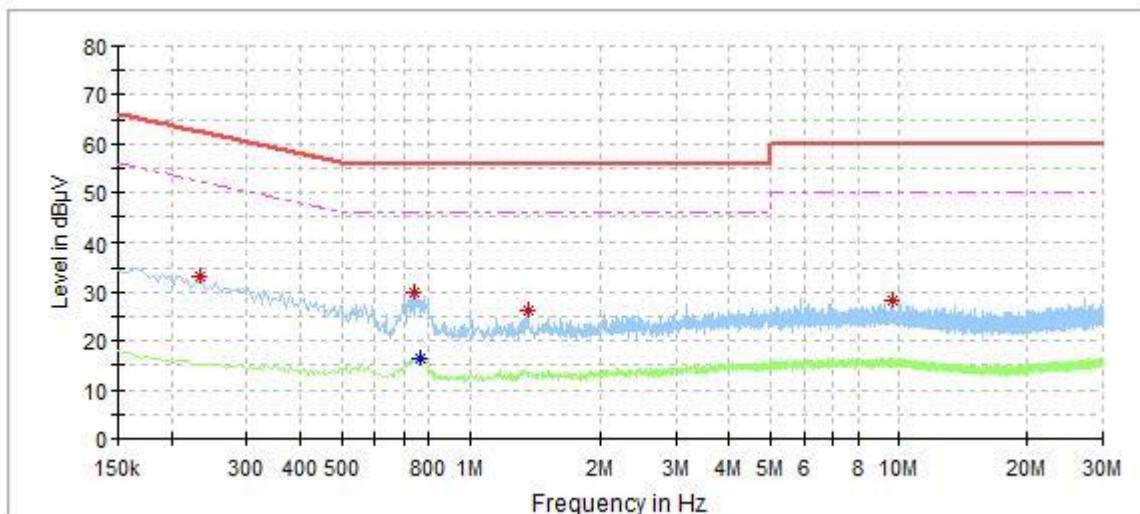
Appendix C.3: Test Results of Conducted Emission on AC Mains

C mode



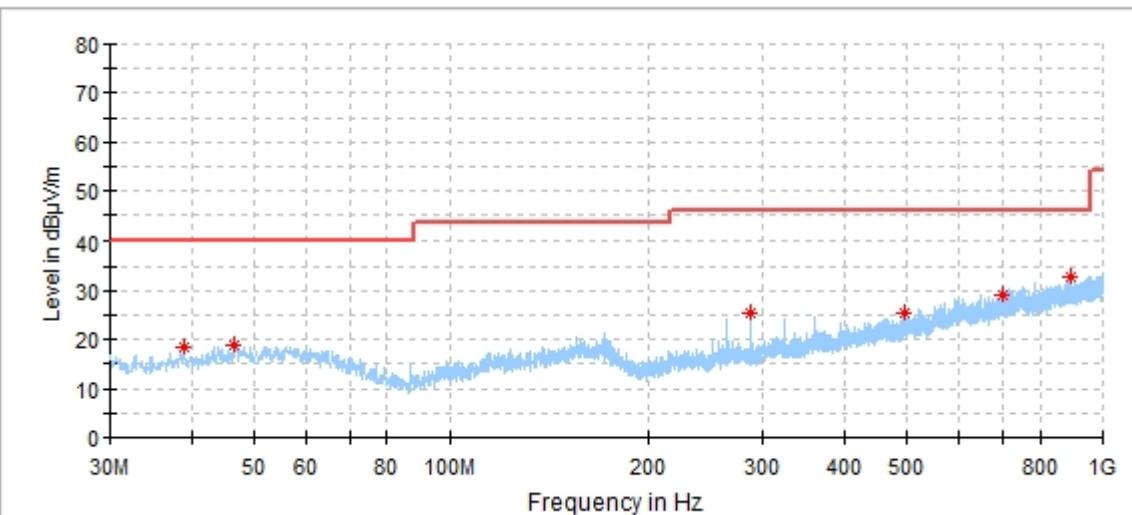
Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|----------------------|----------------------|--------------------|-------------|-----------------|-----------------|------|------------|
| 0.744000 | 31.38 | --- | 56.00 | 24.62 | --- | --- | L1 | 9.7 |
| 0.748000 | --- | 18.98 | 46.00 | 27.02 | --- | --- | L1 | 9.7 |
| 2.184000 | 27.08 | --- | 56.00 | 28.92 | --- | --- | L1 | 9.8 |
| 9.820000 | --- | 16.85 | 50.00 | 33.15 | --- | --- | L1 | 10.1 |
| 10.332000 | 29.41 | --- | 60.00 | 30.59 | --- | --- | L1 | 10.1 |

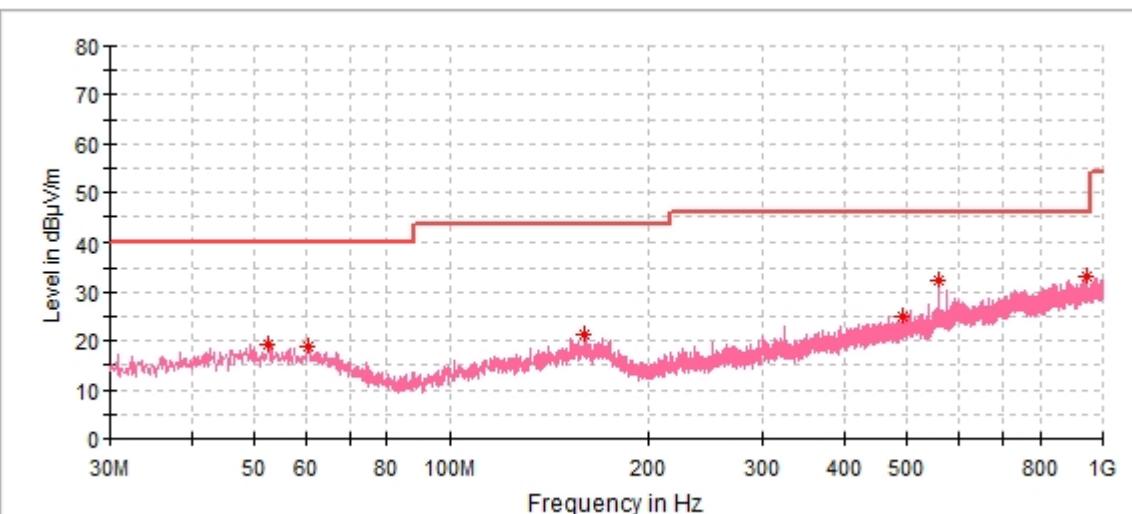


Critical_Freqs

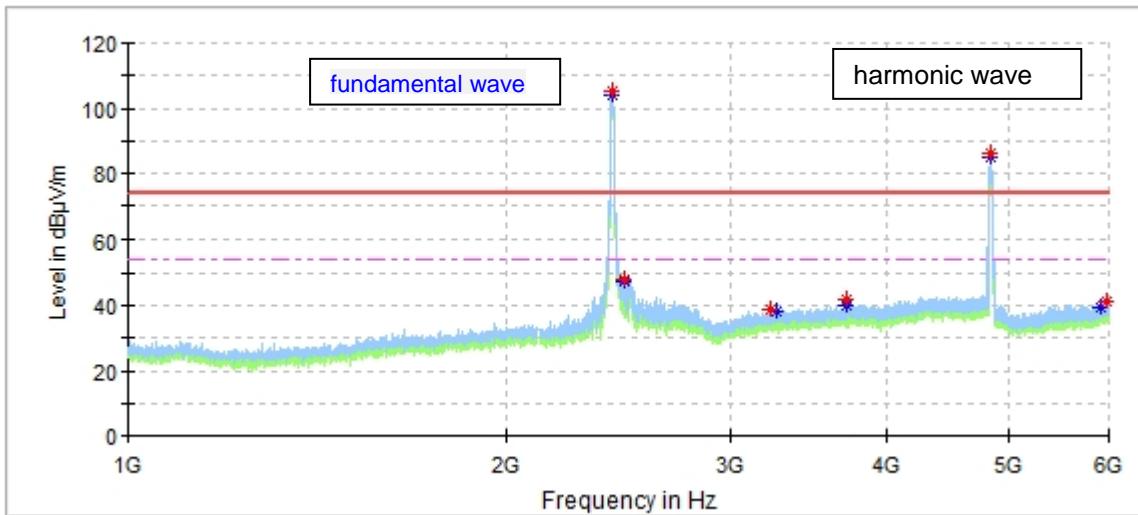
| Frequency (MHz) | MaxPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|----------------------|----------------------|--------------------|-------------|-----------------|-----------------|------|------------|
| 0.234000 | 33.17 | --- | 62.31 | 29.13 | --- | --- | N | 9.8 |
| 0.740000 | 29.97 | --- | 56.00 | 26.03 | --- | --- | N | 9.7 |
| 0.764000 | --- | 16.38 | 46.00 | 29.62 | --- | --- | N | 9.7 |
| 1.368000 | 26.25 | --- | 56.00 | 29.75 | --- | --- | N | 9.8 |
| 9.644000 | 28.21 | --- | 60.00 | 31.79 | --- | --- | N | 10.1 |

**Appendix C.4: Test Results of Radiated Emission
B mode****Critical Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 39.021000 | 18.50 | 40.00 | 21.50 | --- | --- | 100.0 | H | 85.0 |
| 46.684000 | 18.82 | 40.00 | 21.18 | --- | --- | 100.0 | H | 168.0 |
| 892.524000 | 32.99 | 46.00 | 13.01 | --- | --- | 100.0 | H | 184.0 |
| 702.113000 | 29.30 | 46.00 | 16.70 | --- | --- | 100.0 | H | 284.0 |
| 288.020000 | 25.62 | 46.00 | 20.38 | --- | --- | 100.0 | H | 294.0 |
| 495.309000 | 25.42 | 46.00 | 20.58 | --- | --- | 100.0 | H | 345.0 |

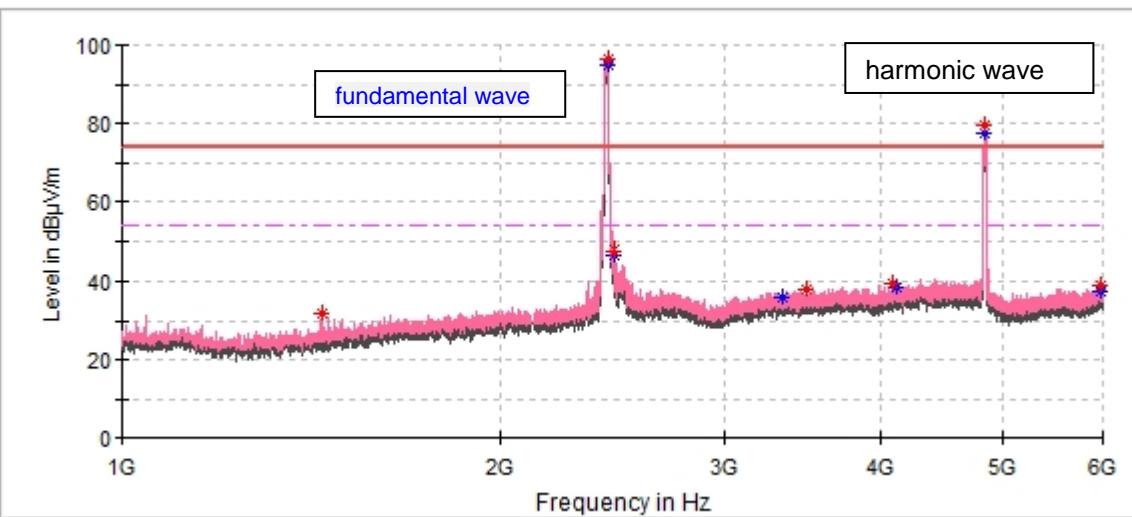
**Critical Freqs**

| Frequency (MHz) | MaxPeak (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 60.652000 | 18.91 | 40.00 | 21.09 | --- | --- | 100.0 | V | 8.0 |
| 492.011000 | 24.93 | 46.00 | 21.07 | --- | --- | 100.0 | V | 31.0 |
| 941.994000 | 33.16 | 46.00 | 12.84 | --- | --- | 100.0 | V | 75.0 |
| 52.504000 | 19.38 | 40.00 | 20.62 | --- | --- | 100.0 | V | 130.0 |
| 160.174000 | 21.20 | 43.50 | 22.30 | --- | --- | 100.0 | V | 191.0 |
| 558.068000 | 32.45 | 46.00 | 13.55 | --- | --- | 100.0 | V | 191.0 |



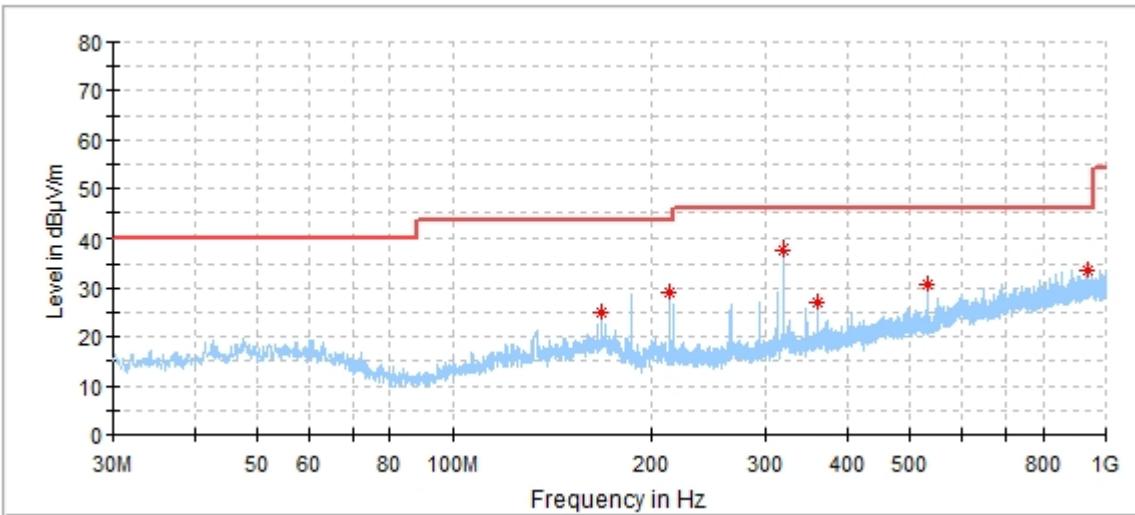
Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 4828.500000 | 86.42 | --- | 74.00 | -12.42 | --- | --- | 100.0 | H |
| 3719.500000 | --- | 40.22 | 54.00 | 13.78 | --- | --- | 100.0 | H |
| 3719.500000 | 41.55 | --- | 74.00 | 32.45 | --- | --- | 100.0 | H |
| 4835.500000 | --- | 84.95 | 54.00 | -30.95 | --- | --- | 100.0 | H |
| 2417.500000 | --- | 104.05 | 54.00 | -50.05 | --- | --- | 100.0 | H |
| 2417.500000 | 104.98 | --- | 74.00 | -30.98 | --- | --- | 100.0 | H |
| 2476.500000 | 48.15 | --- | 74.00 | 25.85 | --- | --- | 100.0 | H |
| 2476.500000 | --- | 47.43 | 54.00 | 6.57 | --- | --- | 100.0 | H |
| 5913.500000 | --- | 39.41 | 54.00 | 14.59 | --- | --- | 100.0 | H |
| 5976.500000 | 41.01 | --- | 74.00 | 32.99 | --- | --- | 100.0 | H |
| 3265.500000 | --- | 38.01 | 54.00 | 15.99 | --- | --- | 100.0 | H |
| 3225.000000 | 39.06 | --- | 74.00 | 34.94 | --- | --- | 100.0 | H |

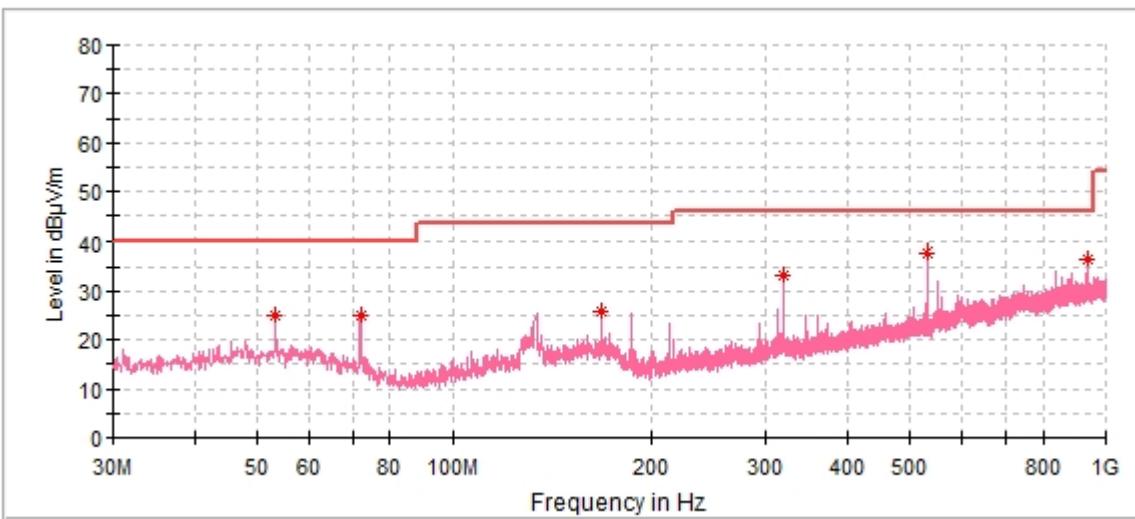


Critical_Freqs

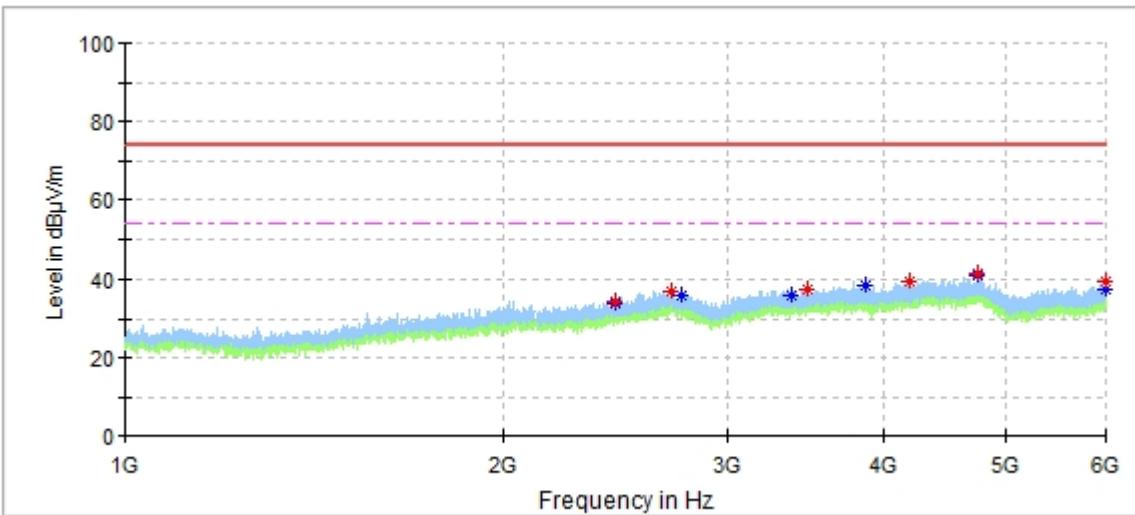
| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 1440.000000 | 31.91 | --- | 74.00 | 42.09 | --- | --- | 100.0 | V |
| 2424.500000 | --- | 95.08 | 54.00 | -41.08 | --- | --- | 100.0 | V |
| 2424.500000 | 96.62 | --- | 74.00 | -22.62 | --- | --- | 100.0 | V |
| 2451.500000 | 47.78 | --- | 74.00 | 26.22 | --- | --- | 100.0 | V |
| 2451.500000 | --- | 46.73 | 54.00 | 7.27 | --- | --- | 100.0 | V |
| 3339.000000 | --- | 36.14 | 54.00 | 17.86 | --- | --- | 100.0 | V |
| 3486.000000 | 37.75 | --- | 74.00 | 36.25 | --- | --- | 100.0 | V |
| 4079.000000 | 39.43 | --- | 74.00 | 34.57 | --- | --- | 100.0 | V |
| 4117.500000 | --- | 38.25 | 54.00 | 15.75 | --- | --- | 100.0 | V |
| 4830.500000 | 79.30 | --- | 74.00 | -5.30 | --- | --- | 100.0 | V |
| 4830.500000 | --- | 77.31 | 54.00 | -23.32 | --- | --- | 100.0 | V |
| 5981.500000 | --- | 37.64 | 54.00 | 16.36 | --- | --- | 100.0 | V |
| 5981.500000 | 38.96 | --- | 74.00 | 35.04 | --- | --- | 100.0 | V |

C mode**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 320.030000 | 37.66 | 46.00 | 8.34 | --- | --- | 100.0 | H | 89.0 |
| 213.330000 | 29.00 | 43.50 | 14.50 | --- | --- | 100.0 | H | 120.0 |
| 936.174000 | 33.78 | 46.00 | 12.22 | --- | --- | 100.0 | H | 174.0 |
| 167.934000 | 24.90 | 43.50 | 18.60 | --- | --- | 100.0 | H | 222.0 |
| 533.333000 | 30.97 | 46.00 | 15.03 | --- | --- | 100.0 | H | 222.0 |
| 359.994000 | 27.26 | 46.00 | 18.74 | --- | --- | 100.0 | H | 253.0 |

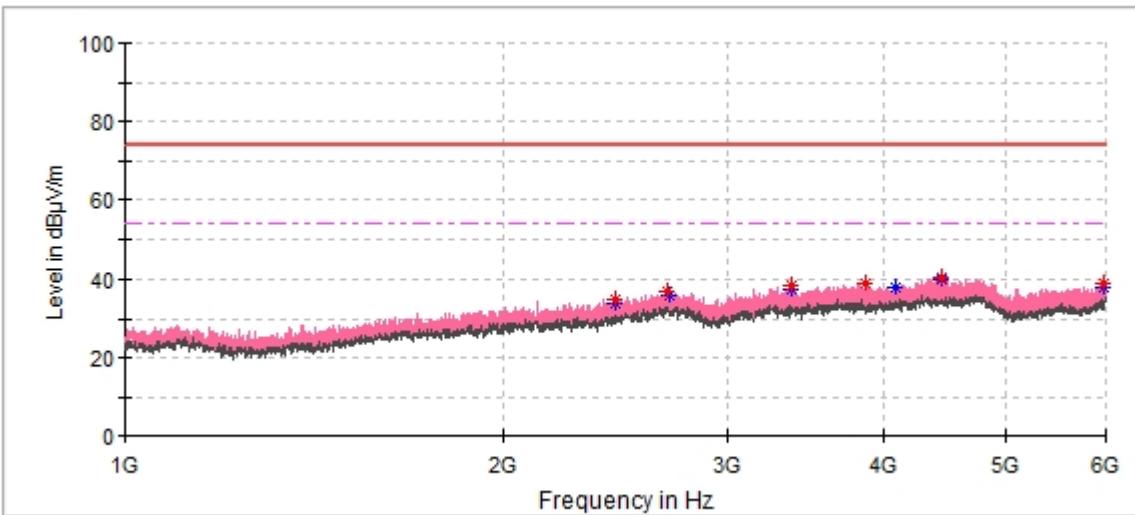
**Critical_Freqs**

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|
| 533.333000 | 37.88 | 46.00 | 8.12 | --- | --- | 100.0 | V | 88.0 |
| 319.933000 | 33.15 | 46.00 | 12.85 | --- | --- | 100.0 | V | 119.0 |
| 53.280000 | 25.08 | 40.00 | 14.92 | --- | --- | 100.0 | V | 212.0 |
| 167.934000 | 25.77 | 43.50 | 17.73 | --- | --- | 100.0 | V | 250.0 |
| 936.174000 | 36.54 | 46.00 | 9.46 | --- | --- | 100.0 | V | 266.0 |
| 72.001000 | 25.16 | 40.00 | 14.84 | --- | --- | 100.0 | V | 356.0 |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-----------------|-------------|-----|
| 3477.000000 | 37.33 | --- | 74.00 | 36.67 | --- | --- | 100.0 | H |
| 3376.500000 | --- | 36.13 | 54.00 | 17.87 | --- | --- | 100.0 | H |
| 4185.000000 | 39.39 | --- | 74.00 | 34.61 | --- | --- | 100.0 | H |
| 5993.000000 | --- | 37.39 | 54.00 | 16.61 | --- | --- | 100.0 | H |
| 5993.000000 | 39.50 | --- | 74.00 | 34.50 | --- | --- | 100.0 | H |
| 3860.000000 | --- | 38.34 | 54.00 | 15.66 | --- | --- | 100.0 | H |
| 2760.000000 | --- | 35.72 | 54.00 | 18.28 | --- | --- | 100.0 | H |
| 4742.000000 | 41.59 | --- | 74.00 | 32.41 | --- | --- | 100.0 | H |
| 4742.000000 | --- | 41.01 | 54.00 | 12.99 | --- | --- | 100.0 | H |
| 2446.000000 | --- | 33.76 | 54.00 | 20.24 | --- | --- | 100.0 | H |
| 2446.000000 | 34.48 | --- | 74.00 | 39.52 | --- | --- | 100.0 | H |
| 2708.000000 | 36.91 | --- | 74.00 | 37.09 | --- | --- | 100.0 | H |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-----------------|-------------|-----|
| 5977.000000 | 39.00 | --- | 74.00 | 35.00 | --- | --- | 100.0 | V |
| 5977.000000 | --- | 38.12 | 54.00 | 15.88 | --- | --- | 100.0 | V |
| 3373.000000 | 38.47 | --- | 74.00 | 35.53 | --- | --- | 100.0 | V |
| 3373.000000 | --- | 37.69 | 54.00 | 16.31 | --- | --- | 100.0 | V |
| 2691.500000 | 36.68 | --- | 74.00 | 37.32 | --- | --- | 100.0 | V |
| 4084.500000 | --- | 38.06 | 54.00 | 15.94 | --- | --- | 100.0 | V |
| 4441.500000 | --- | 39.99 | 54.00 | 14.01 | --- | --- | 100.0 | V |
| 4441.500000 | 40.51 | --- | 74.00 | 33.49 | --- | --- | 100.0 | V |
| 2698.000000 | --- | 35.78 | 54.00 | 18.22 | --- | --- | 100.0 | V |
| 3864.000000 | 38.72 | --- | 74.00 | 35.28 | --- | --- | 100.0 | V |
| 2445.000000 | 35.06 | --- | 74.00 | 38.94 | --- | --- | 100.0 | V |
| 2445.000000 | --- | 33.76 | 54.00 | 20.24 | --- | --- | 100.0 | V |