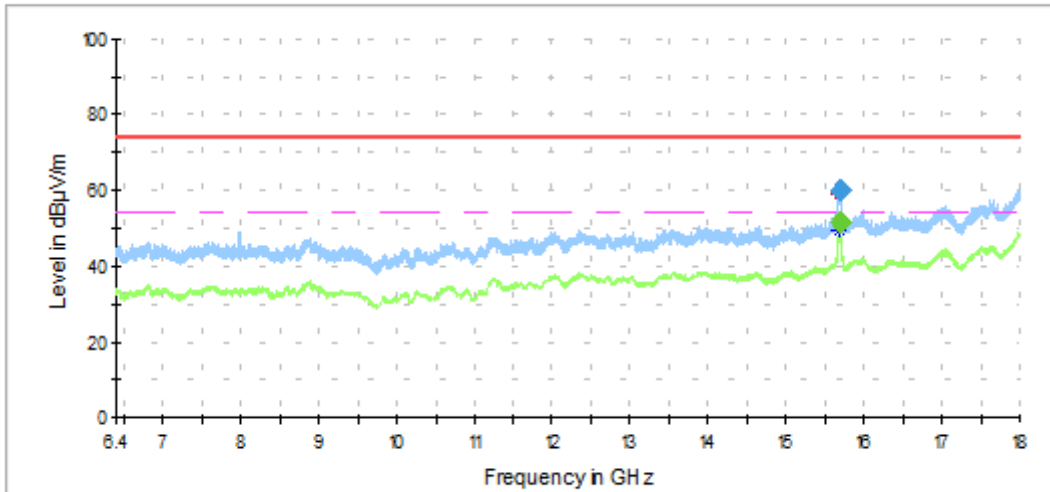
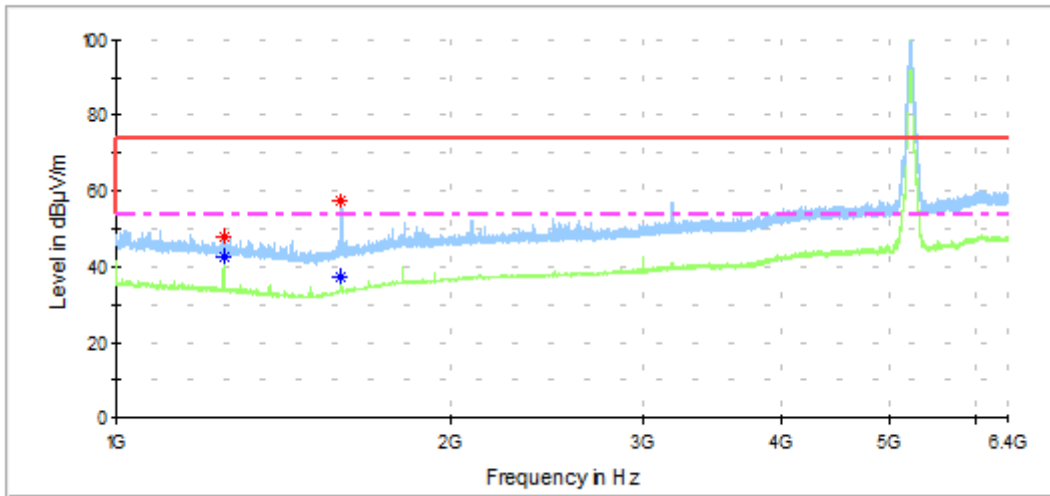


Radiated Spurious – CH46F

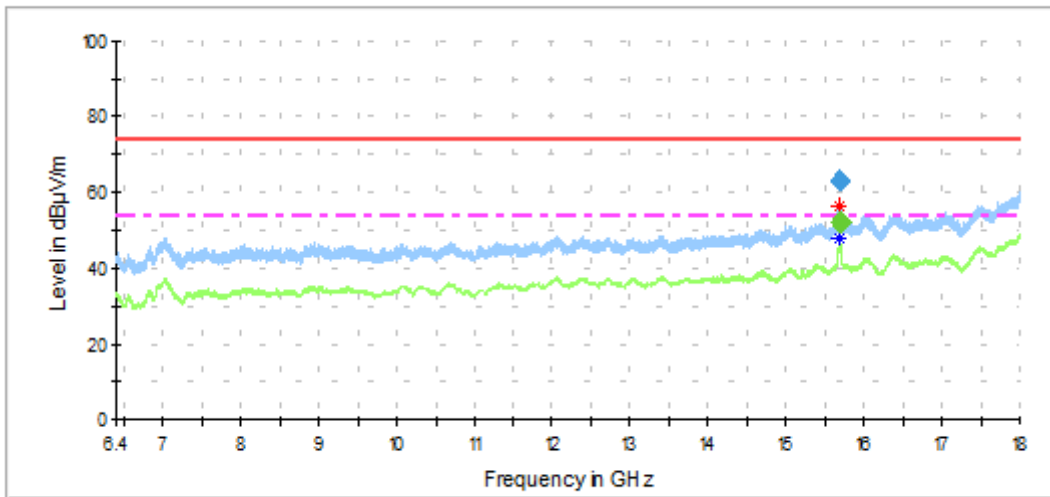
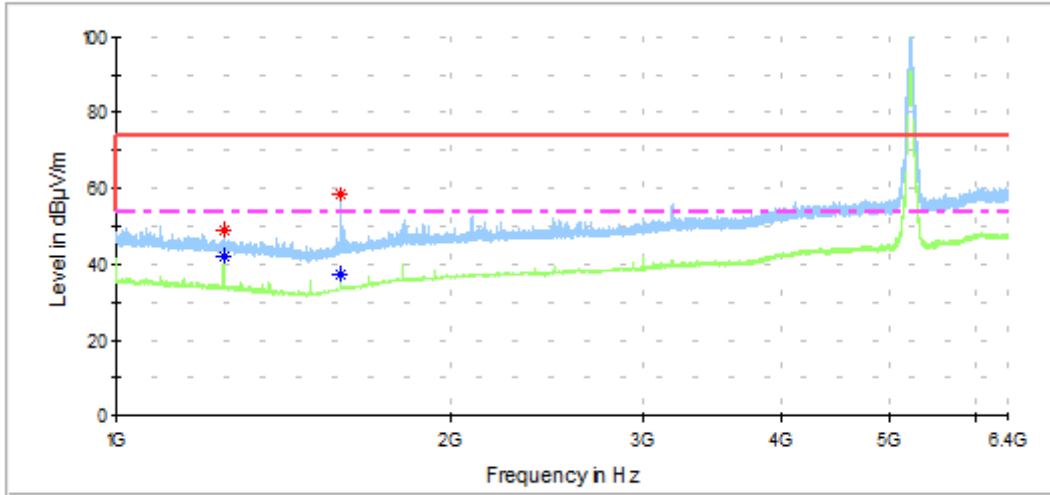


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1250.1 | --- | 42.7 | 54 | 11.3 |
| 1250.1 | 48.0 | --- | 74 | 26.0 |
| 1594.0 | --- | 37.3 | 54 | 16.7 |
| 1594.7 | 57.5 | --- | 74 | 16.5 |
| 15691.6 | 60.2 | --- | 74 | 13.8 |
| 15694.3 | --- | 51.5 | 54 | 2.5 |

1 GHz – 18 GHz, 802.11n40, HT8, Chain A+B

Radiated Spurious – CH46F

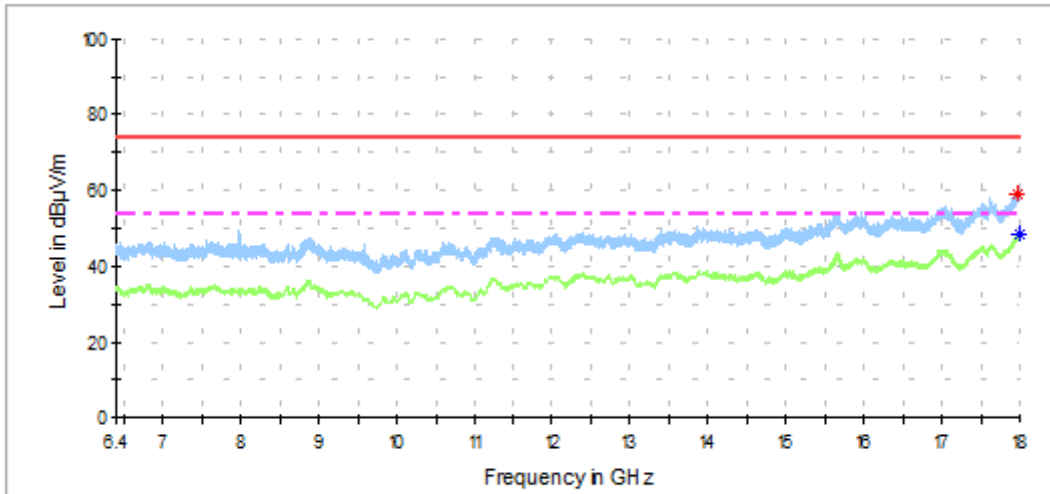
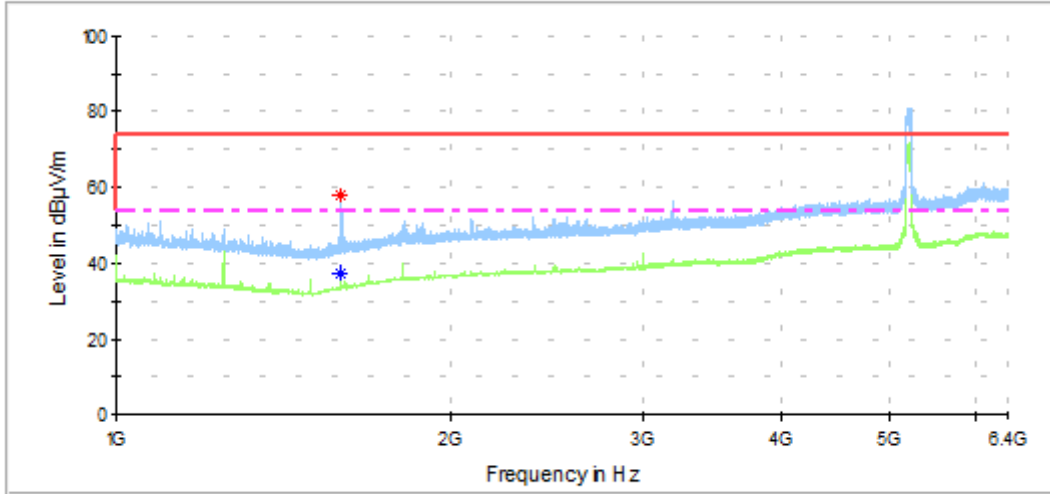


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | 48.7 | --- | 74 | 25.3 |
| 1250.1 | --- | 42.3 | 54 | 11.7 |
| 1594.0 | 58.4 | --- | 74 | 15.6 |
| 1594.2 | --- | 37.2 | 54 | 16.8 |
| 15695.0 | 63.1 | --- | 74 | 10.9 |
| 15696.9 | --- | 51.9 | 54 | 2.1 |

1 GHz – 18 GHz, 802.11ac80, HT0, Chain A

Radiated Spurious – CH42ac80

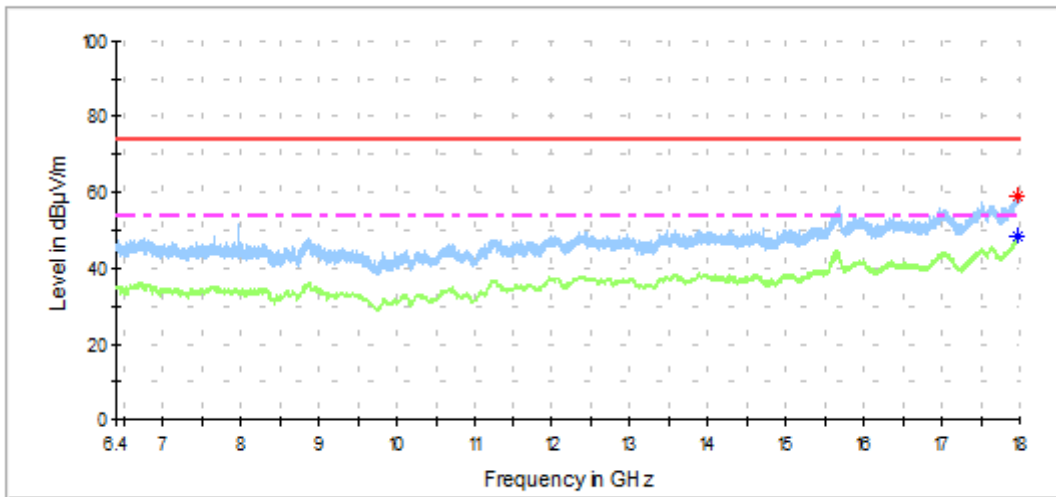
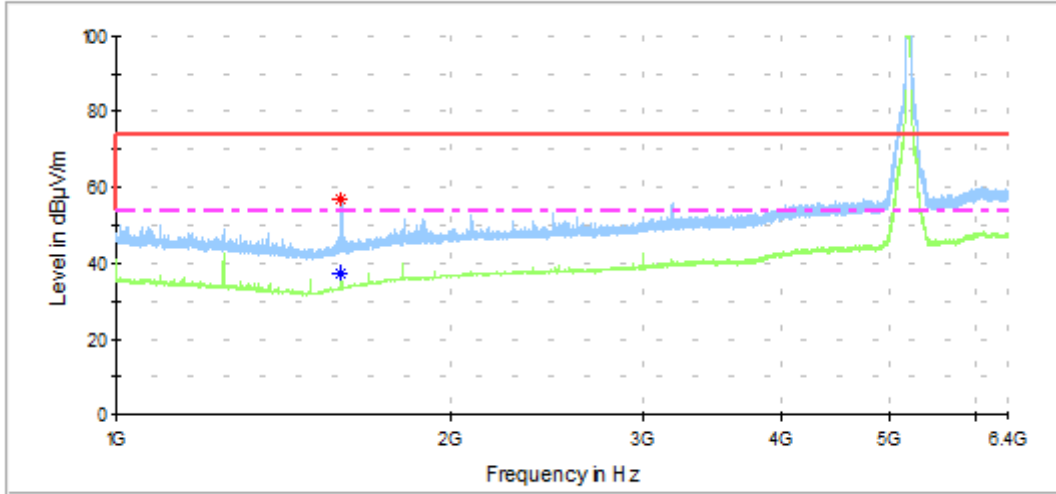


— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1595.2 | --- | 37.5 | 54 | 16.5 |
| 1595.2 | 57.8 | --- | 74 | 16.2 |
| 17971.4 | 58.9 | --- | 74 | 15.1 |
| 17992.4 | --- | 48.6 | 54 | 5.4 |

1 GHz – 18 GHz, 802.11ac80, HT0, Chain B

Radiated Spurious – CH42ac80

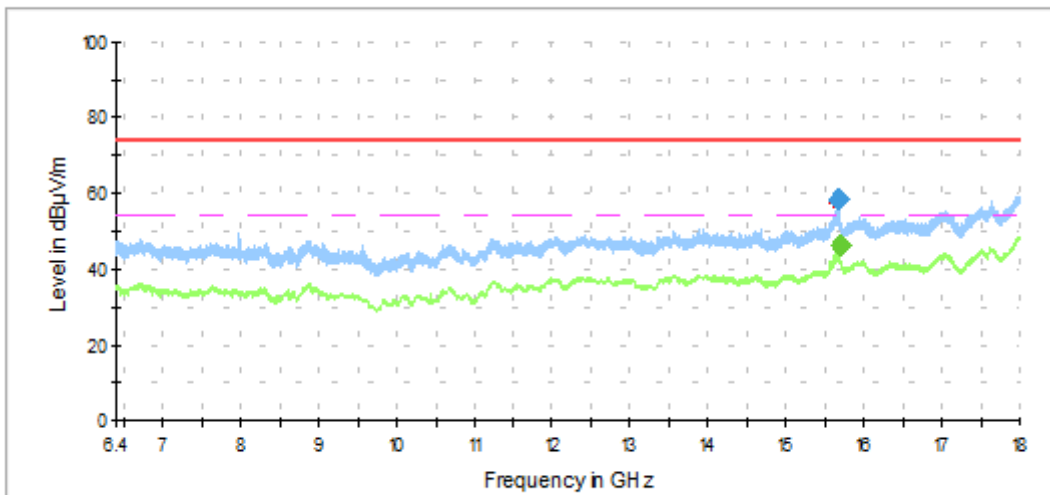
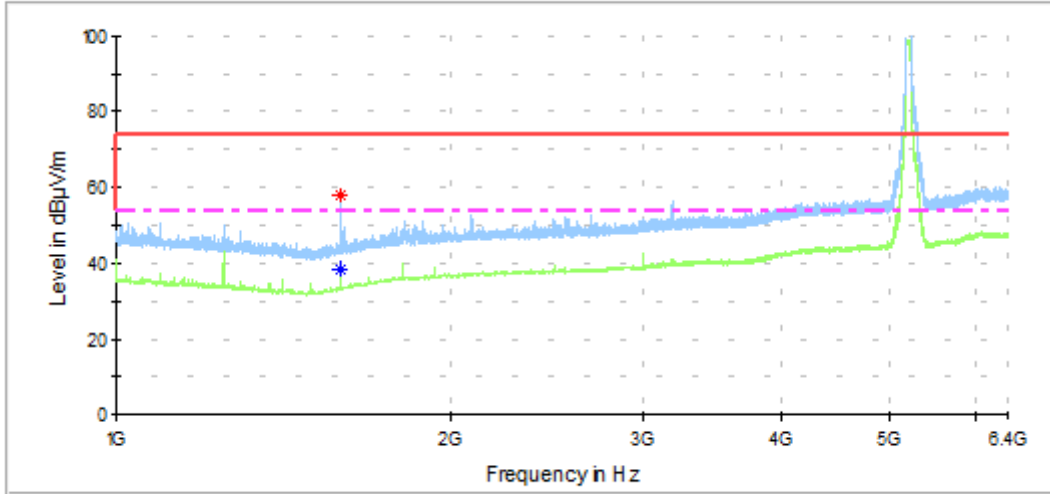


— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1596.5 | --- | 37.2 | 54 | 16.1 |
| 1596.5 | 56.8 | --- | 74 | 17.2 |
| 17973.2 | 59.1 | --- | 74 | 14.9 |
| 17975.9 | --- | 48.2 | 54 | 5.8 |

1 GHz – 18 GHz, 802.11ac80, HT8, Chain A+B

Radiated Spurious – CH42ac80

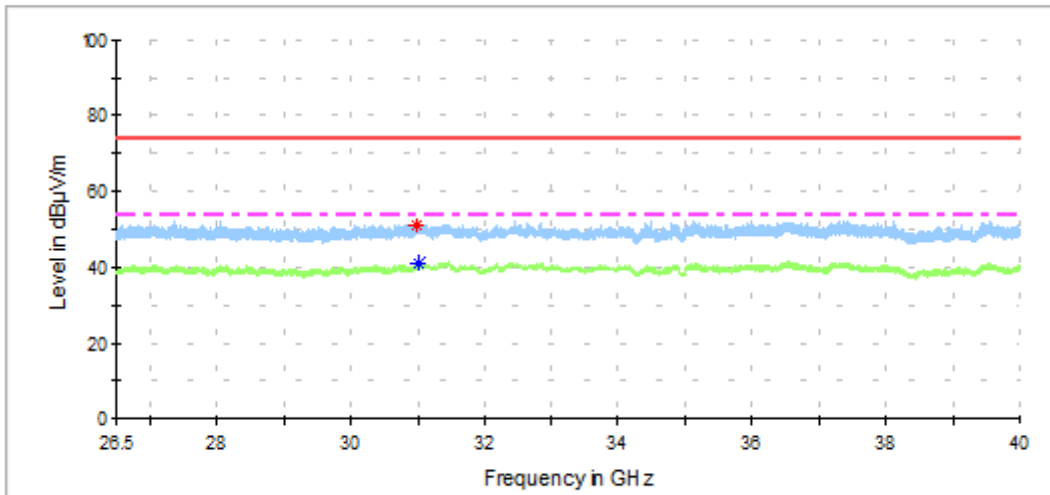
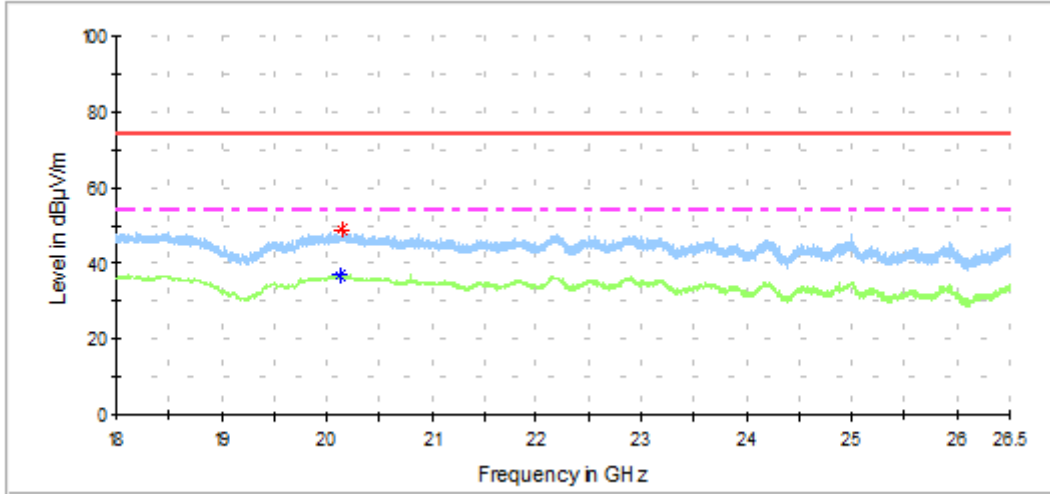


— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.0 | --- | 38.3 | 54 | 15.7 |
| 1593.8 | 57.7 | --- | 74 | 16.3 |
| 15663.0 | 58.5 | --- | 74 | 15.5 |
| 15682.7 | --- | 46.5 | 54 | 7.5 |

18GHz – 40GHz

Radiated Spurious – All modes



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 20135.4 | --- | 37.1 | 54 | 16.9 |
| 20155.2 | 49.0 | --- | 74 | 25.0 |
| 30968.0 | 51.3 | --- | 74 | 22.7 |
| 31009.0 | --- | 41.2 | 54 | 12.8 |

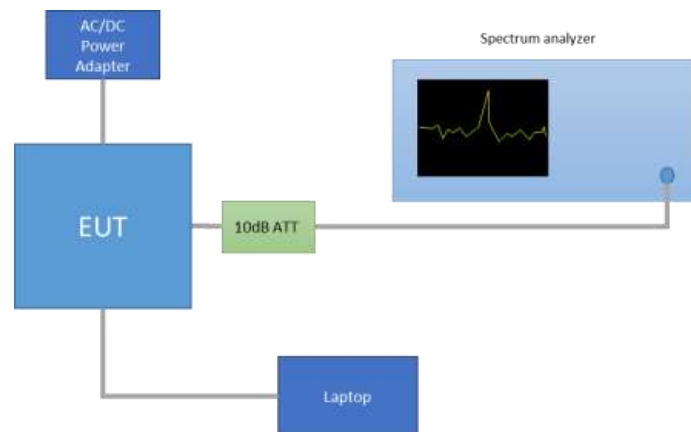
Note 1: The spurious signals detected do not depend on either the operating channel or the modulation mode.

Annex C. Test Results U-NII-2A

C.1 26dB & 99% Bandwidth

Test procedure:

The setup below was used to measure the 26dB & 99% Bandwidth. The antenna terminal of the EUT is connected to the spectrum through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.



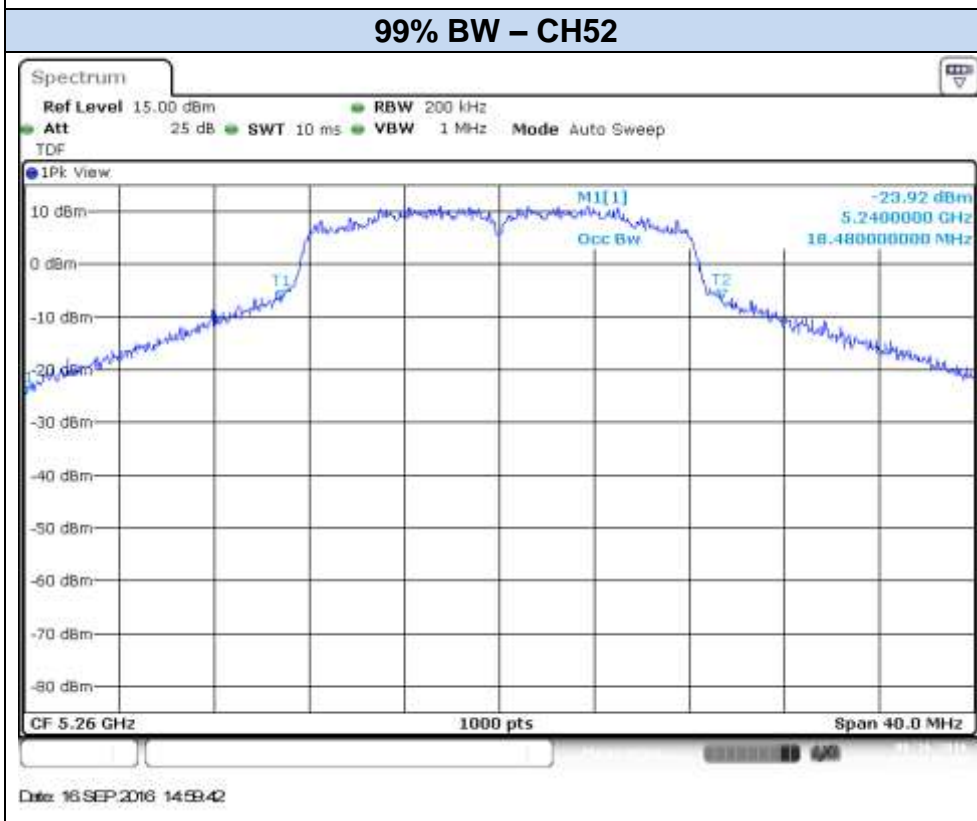
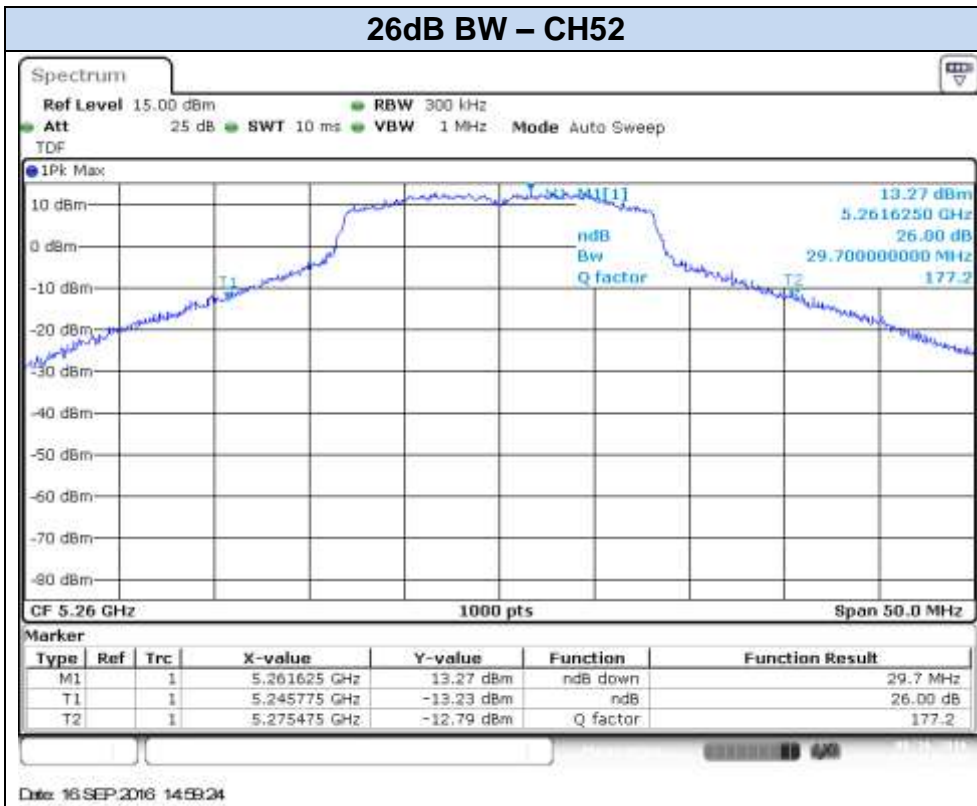
Results tables:

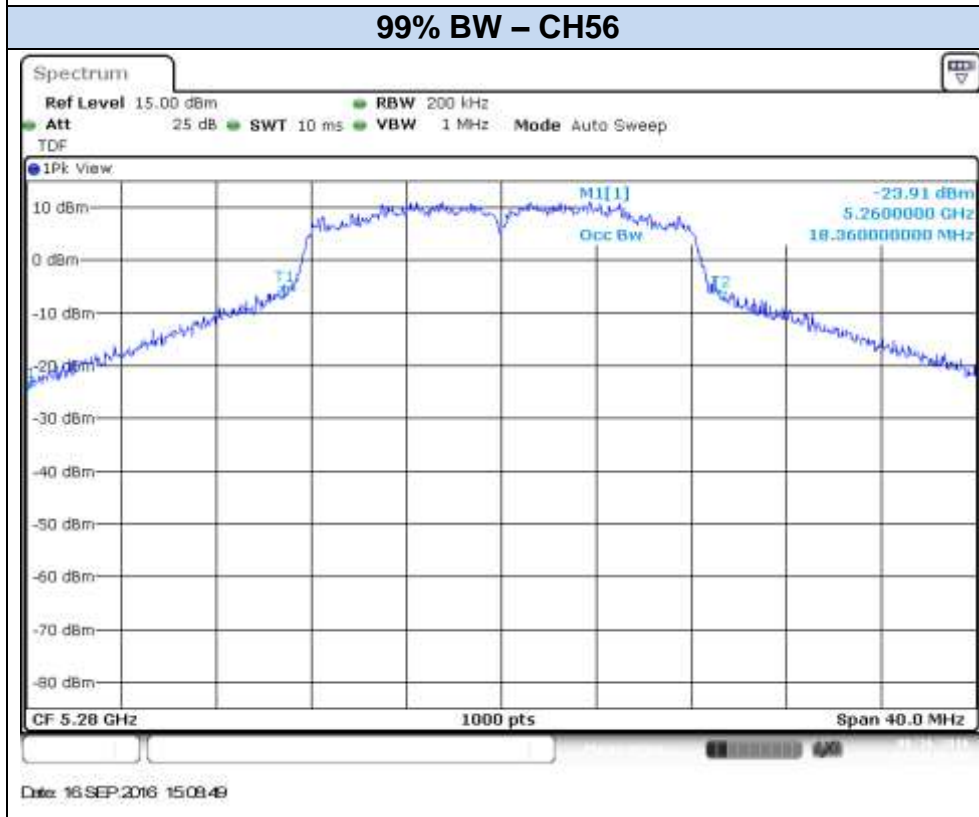
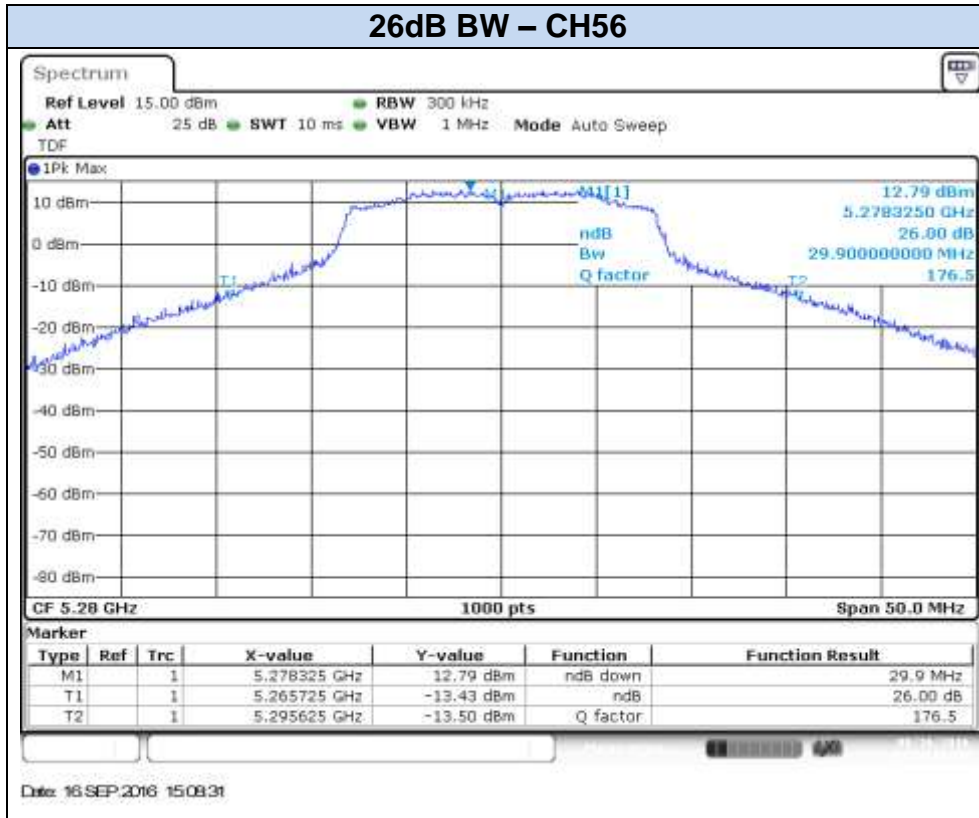
| Mode | Rate | Antenna | Channel | Frequency [MHz] | 26dB BW [MHz] | 99% BW [MHz] |
|------------|-------|--------------|---------|-----------------|---------------|--------------|
| 802.11a | 6Mbps | SISO CHAIN A | 52 | 5260 | 29.70 | 18.48 |
| | | | 56 | 5280 | 29.90 | 18.36 |
| | | | 64 | 5320 | 26.00 | 17.00 |
| | | SISO CHAIN B | 52 | 5260 | 30.60 | 18.60 |
| | | | 56 | 5280 | 28.20 | 17.60 |
| | | | 64 | 5320 | 24.65 | 16.68 |
| 802.11n20 | HT0 | SISO CHAIN A | 52 | 5260 | 30.85 | 19.04 |
| | | | 56 | 5280 | 27.95 | 18.08 |
| | | | 64 | 5320 | 26.25 | 17.96 |
| | | SISO CHAIN B | 52 | 5260 | 30.80 | 18.88 |
| | | | 56 | 5280 | 30.05 | 18.40 |
| | | | 64 | 5320 | 25.75 | 17.84 |
| | HT8 | MIMO CHAIN A | 52 | 5260 | 27.55 | 18.16 |
| | | | 56 | 5280 | 28.80 | 18.12 |
| | | | 64 | 5320 | 24.95 | 17.76 |
| | | MIMO CHAIN B | 52 | 5260 | 25.75 | 18.08 |
| | | | 56 | 5280 | 25.60 | 17.92 |
| | | | 64 | 5320 | 24.40 | 17.76 |
| 802.11n40 | HT0 | SISO CHAIN A | 54F | 5270 | 54.18 | 37.36 |
| | | | 62F | 5310 | 45.81 | 36.24 |
| | | SISO CHAIN B | 54F | 5270 | 53.55 | 37.12 |
| | | | 62F | 5310 | 45.90 | 36.24 |
| | HT8 | MIMO CHAIN A | 54F | 5270 | 48.60 | 36.72 |
| | | | 62F | 5310 | 44.91 | 36.32 |
| | | MIMO CHAIN B | 54F | 5270 | 46.89 | 36.24 |
| | | | 62F | 5310 | 44.01 | 36.16 |
| 802.11ac80 | VHT0 | SISO CHAIN A | 58ac80 | 5290 | 84.93 | 75.00 |
| | | SISO CHAIN B | 58ac80 | 5290 | 85.88 | 74.88 |
| | | MIMO CHAIN A | 58ac80 | 5290 | 85.69 | 75.00 |
| | | MIMO CHAIN B | 58ac80 | 5290 | 84.55 | 74.88 |

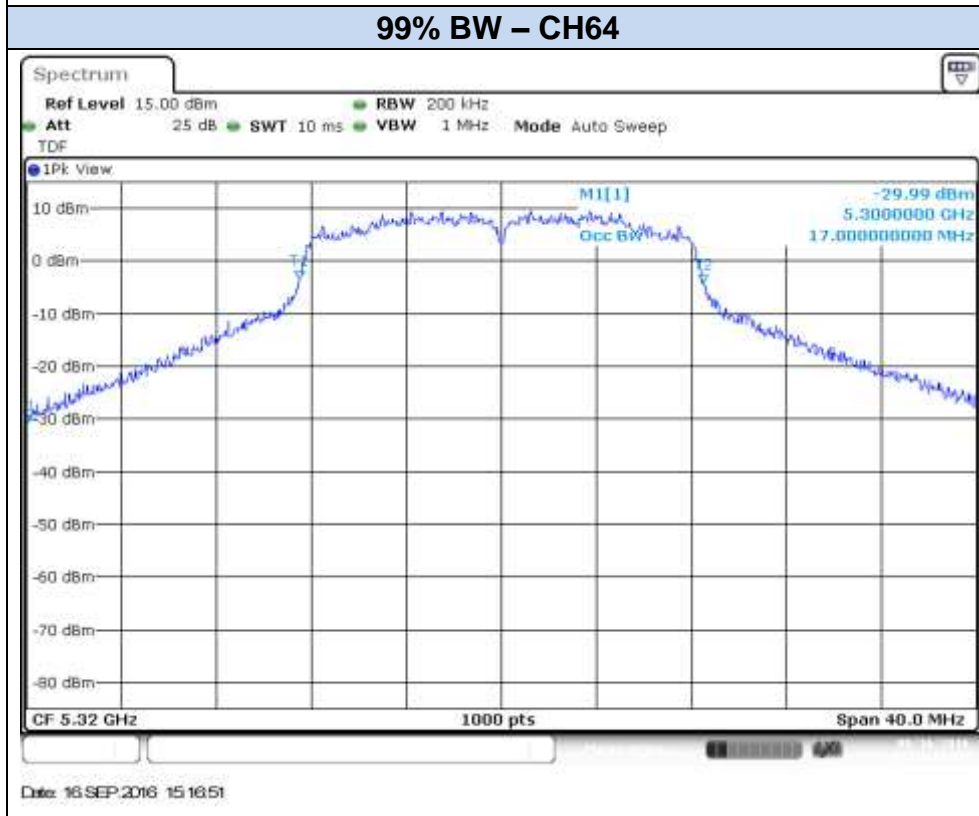
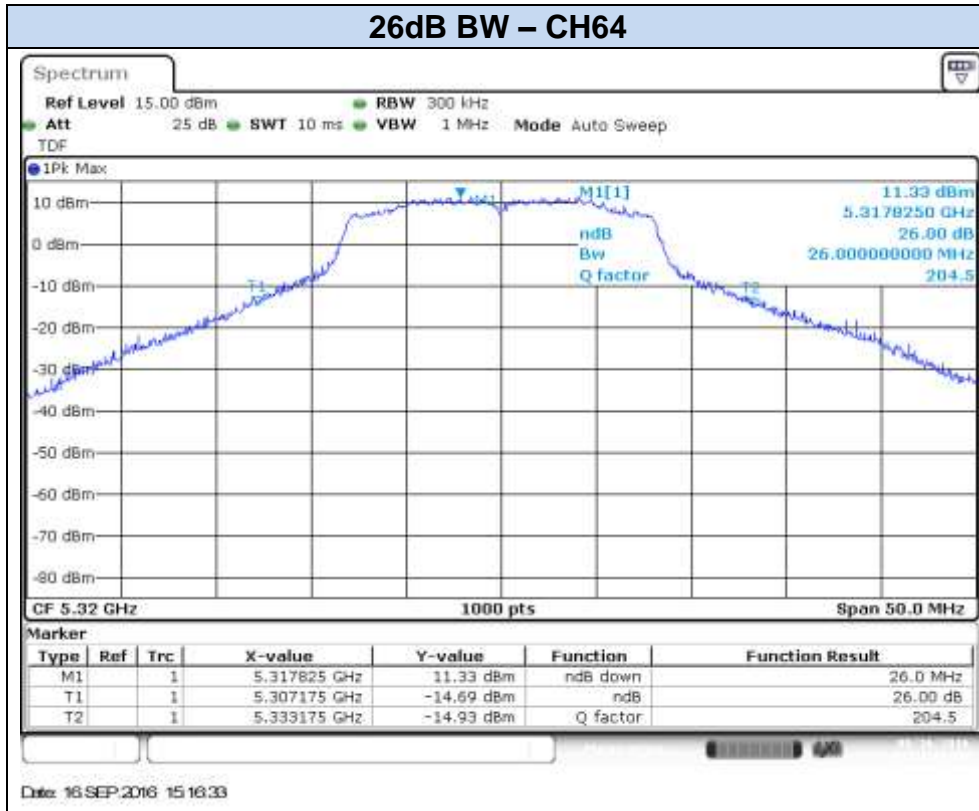
Max Value

Results screenshot:

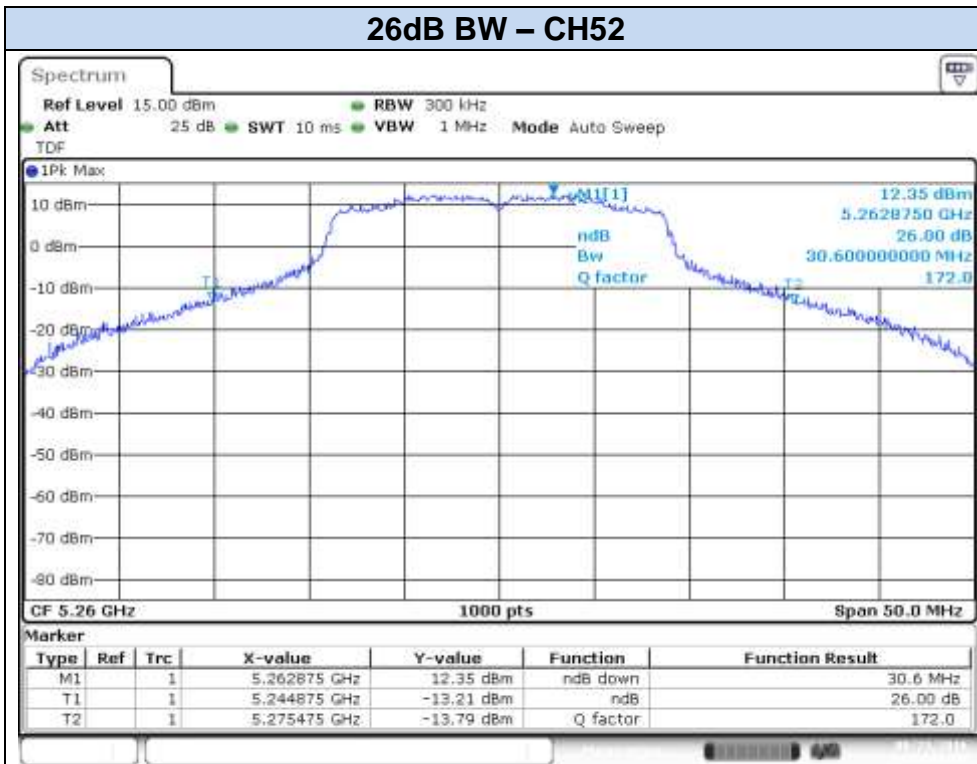
802.11a, 6Mbps – Chain A



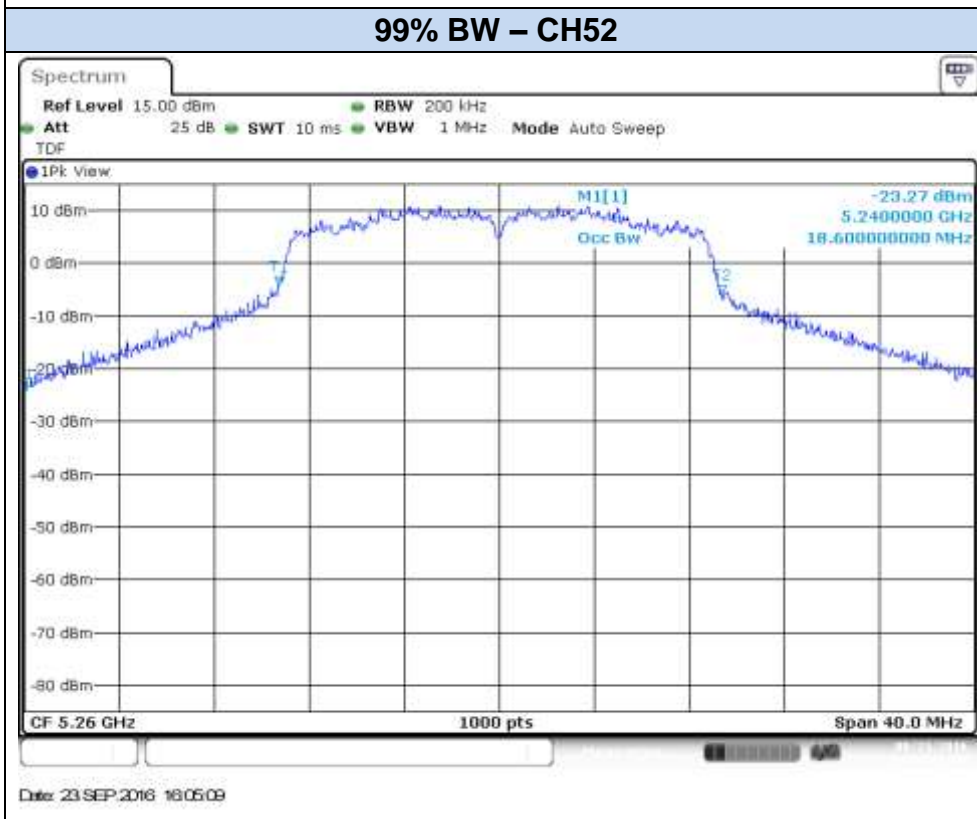




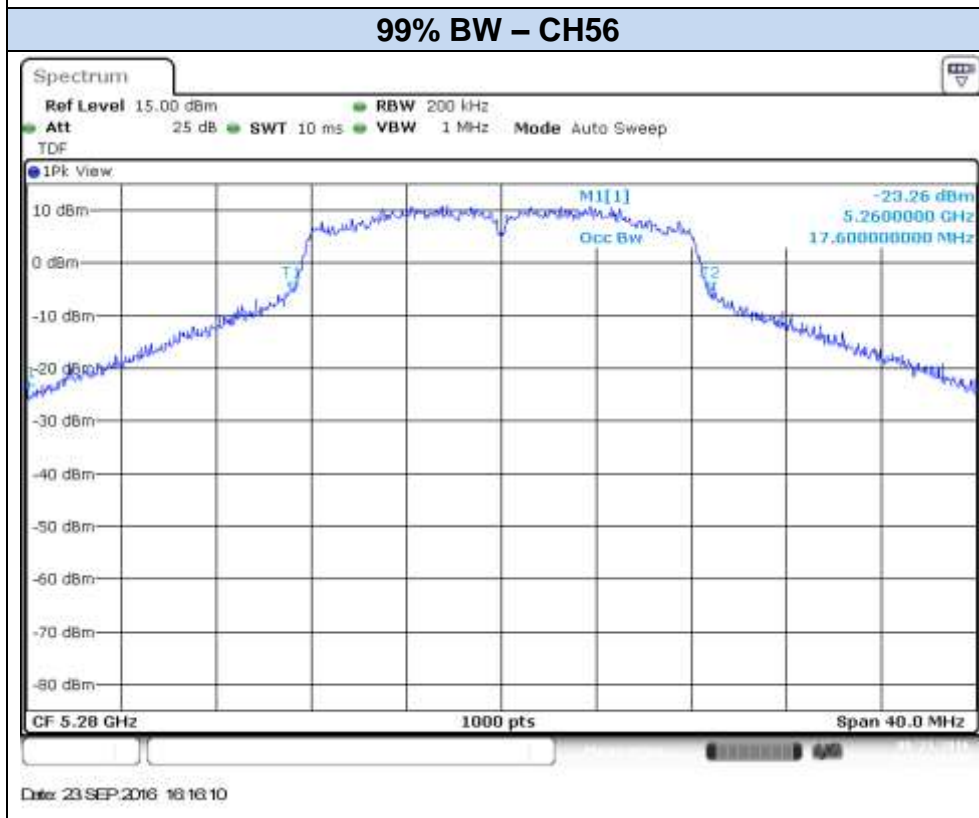
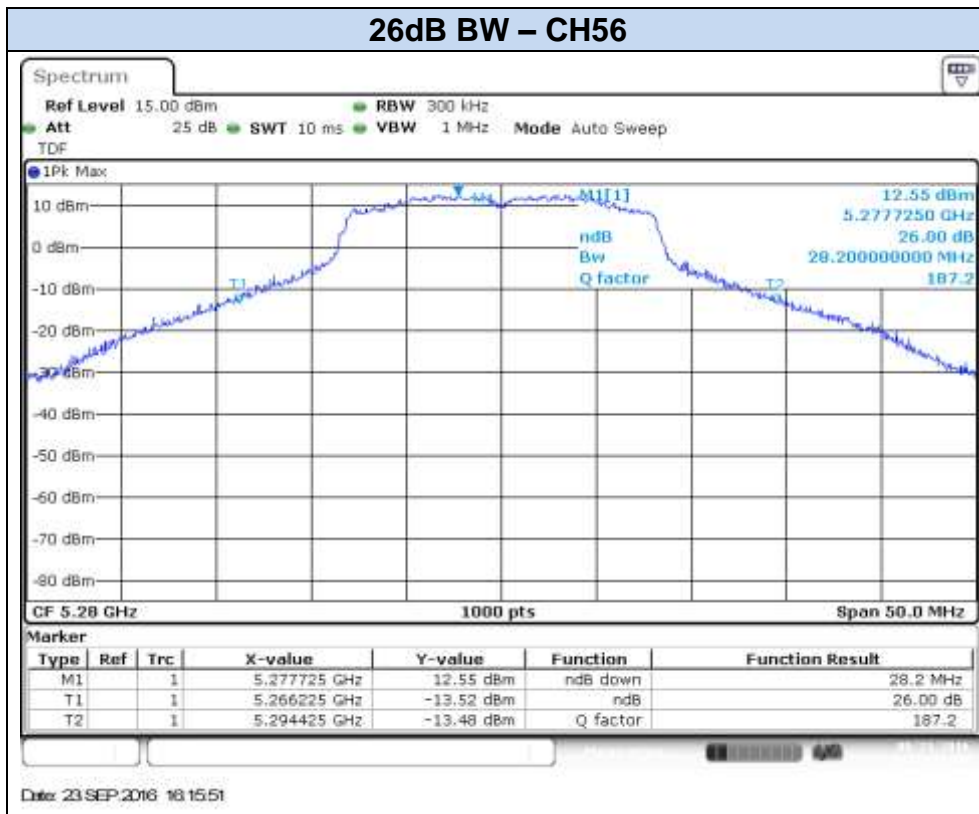
802.11a, 6Mbps – Chain B

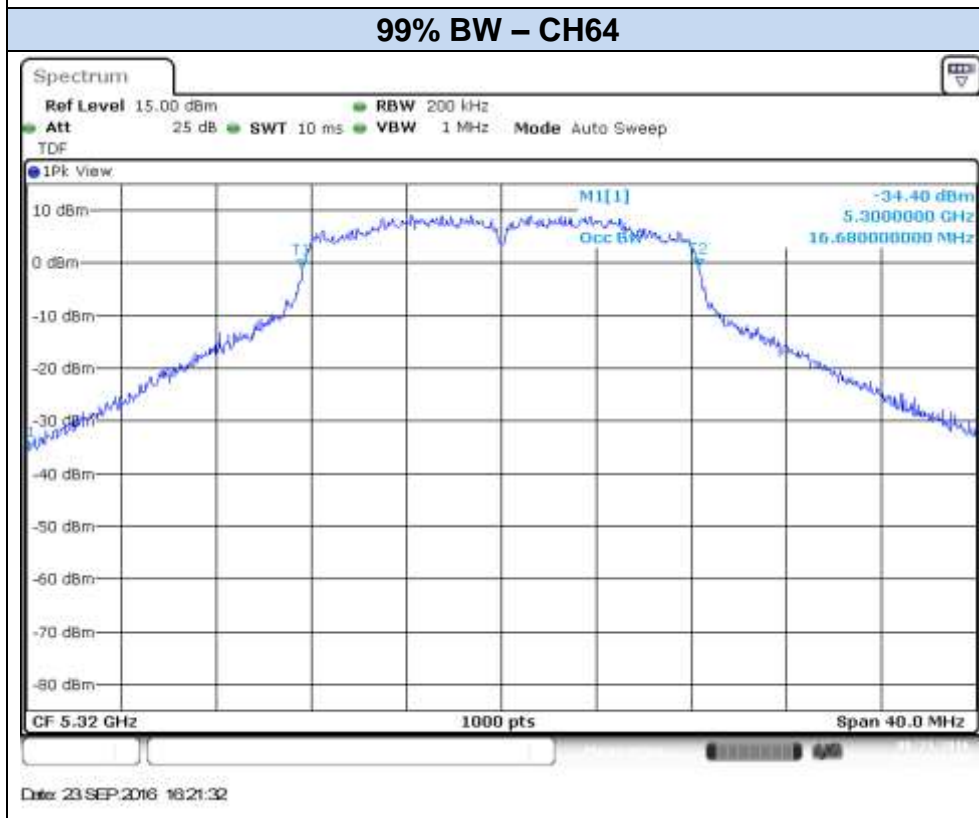
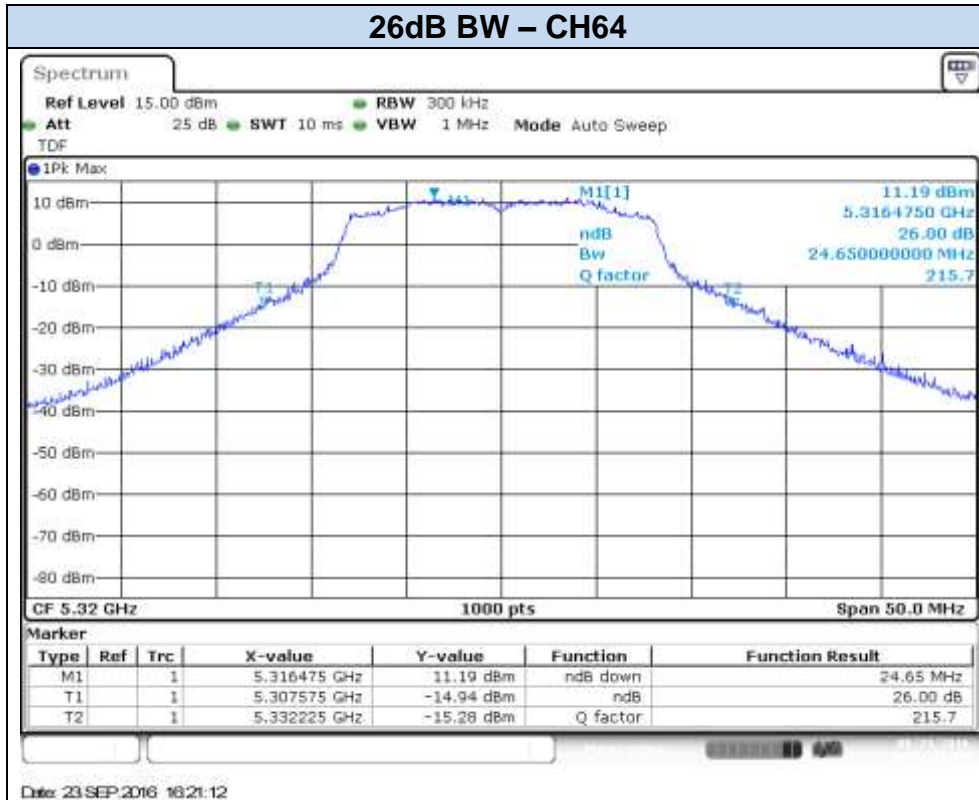


Date: 23 SEP 2016 16:04:50

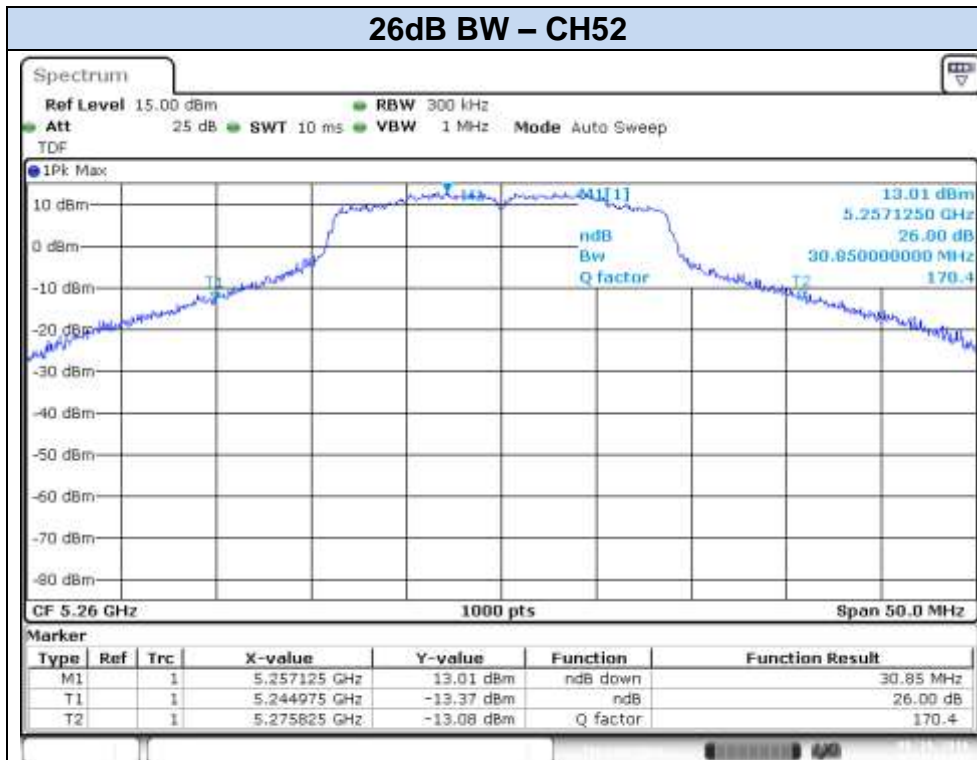


Date: 23 SEP 2016 16:05:09

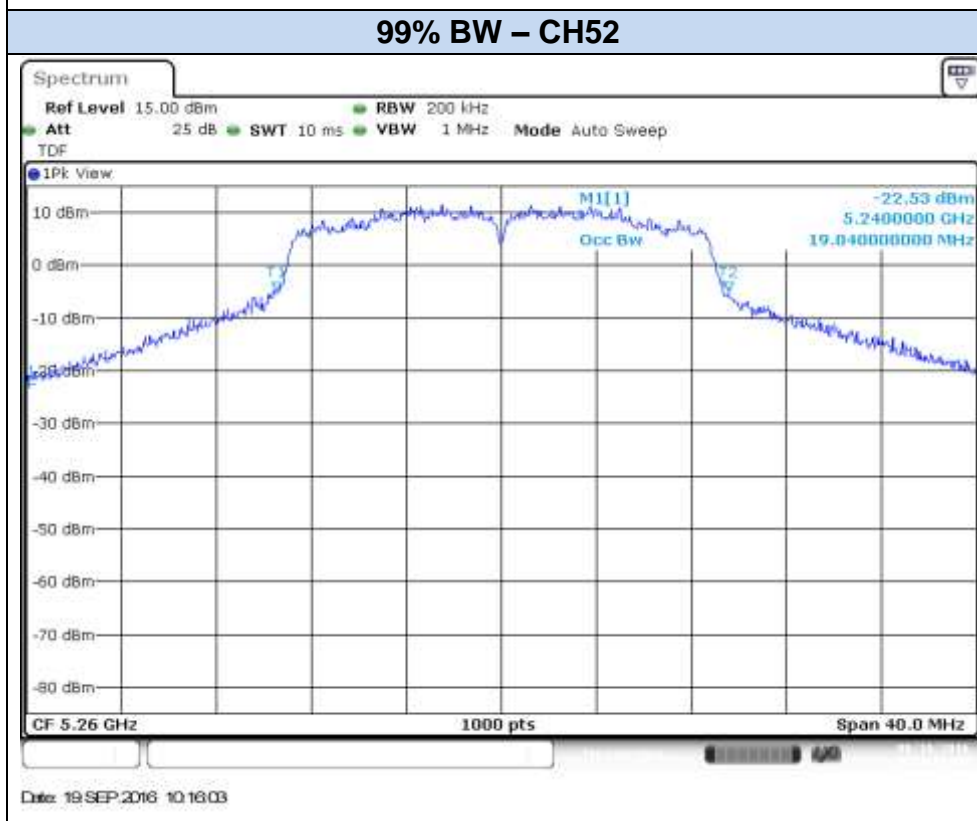




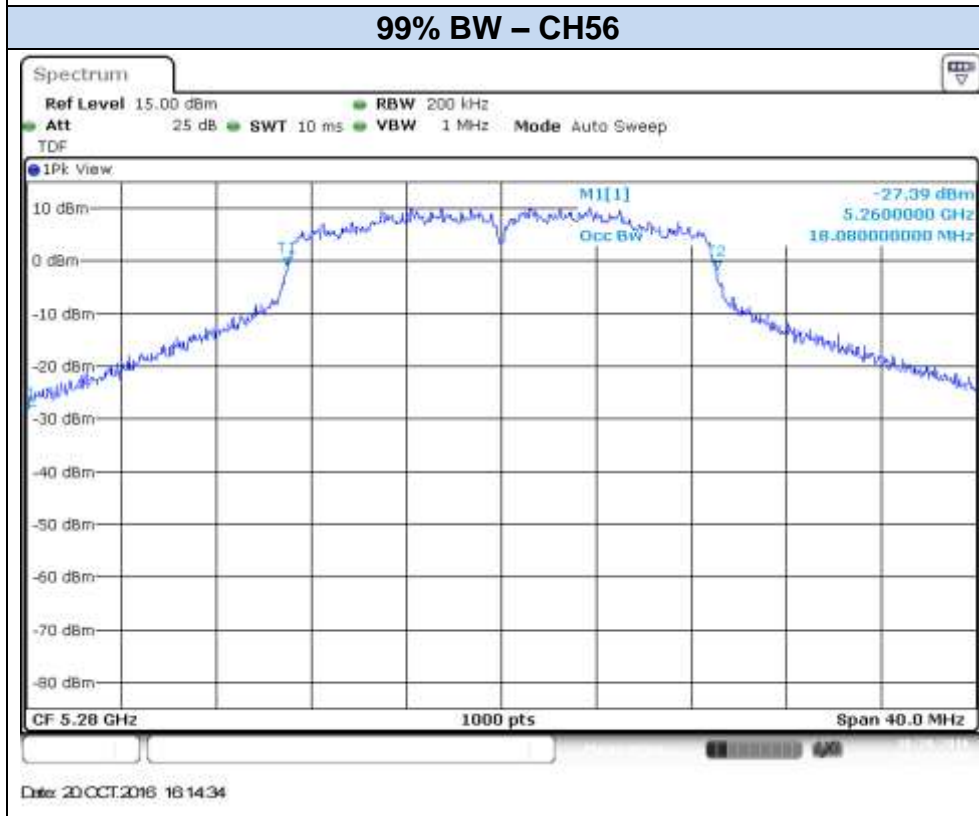
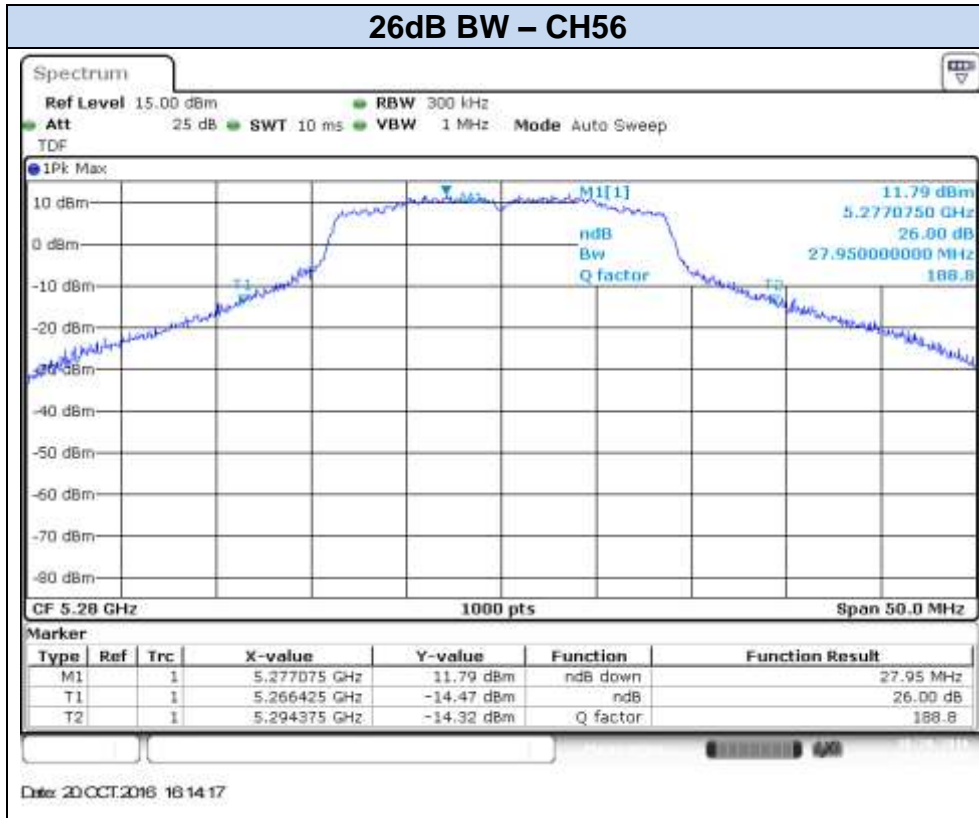
802.11n20, HT0 (SISO) – Chain A

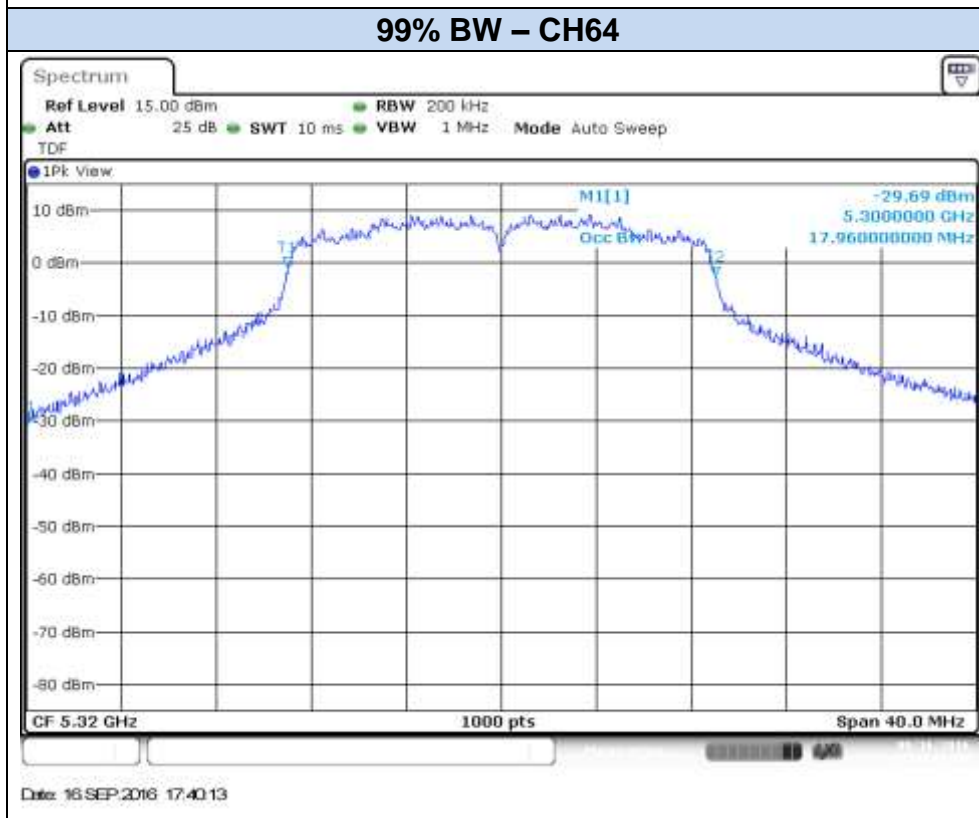
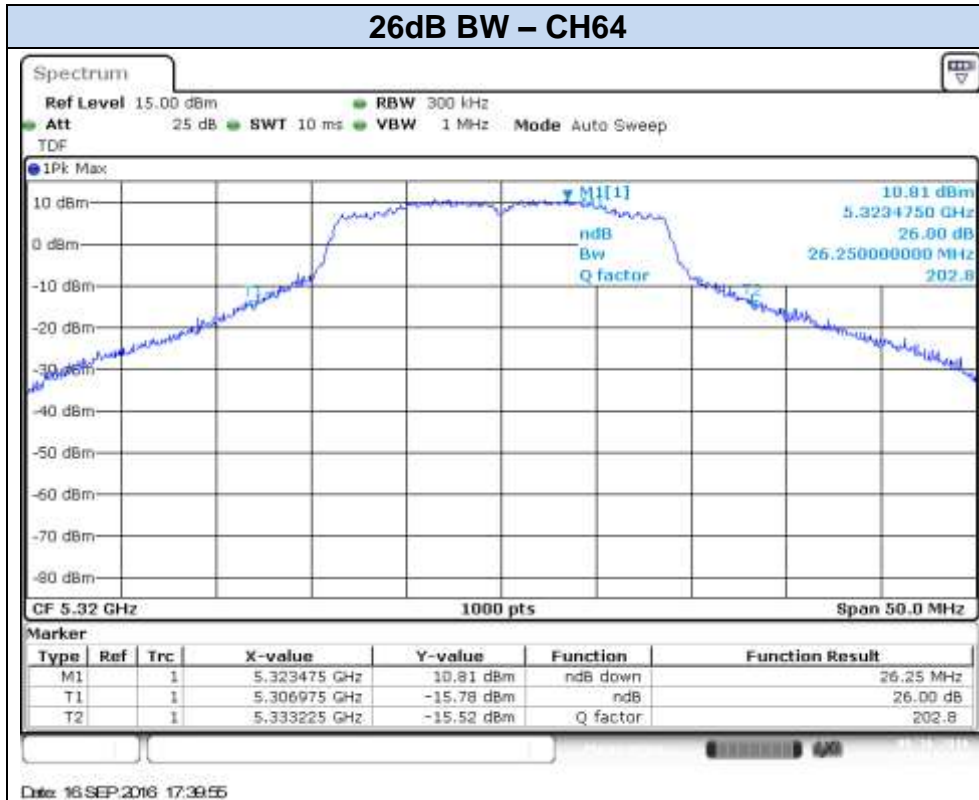


Date: 19 SEP 2016 10:15:46

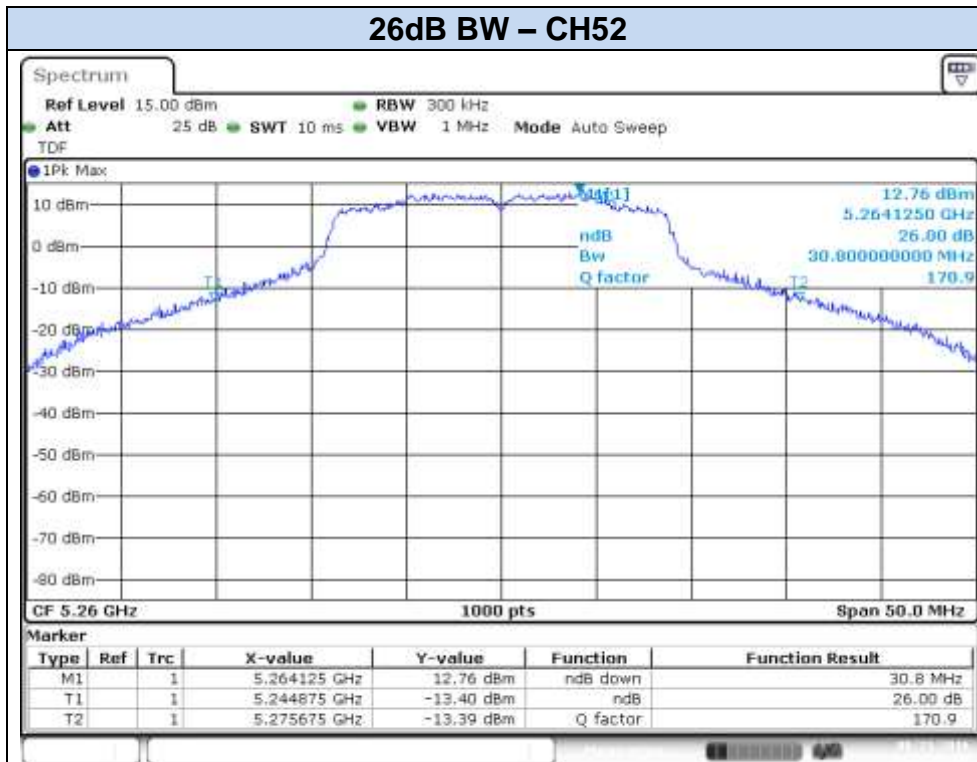


Date: 19 SEP 2016 10:16:03

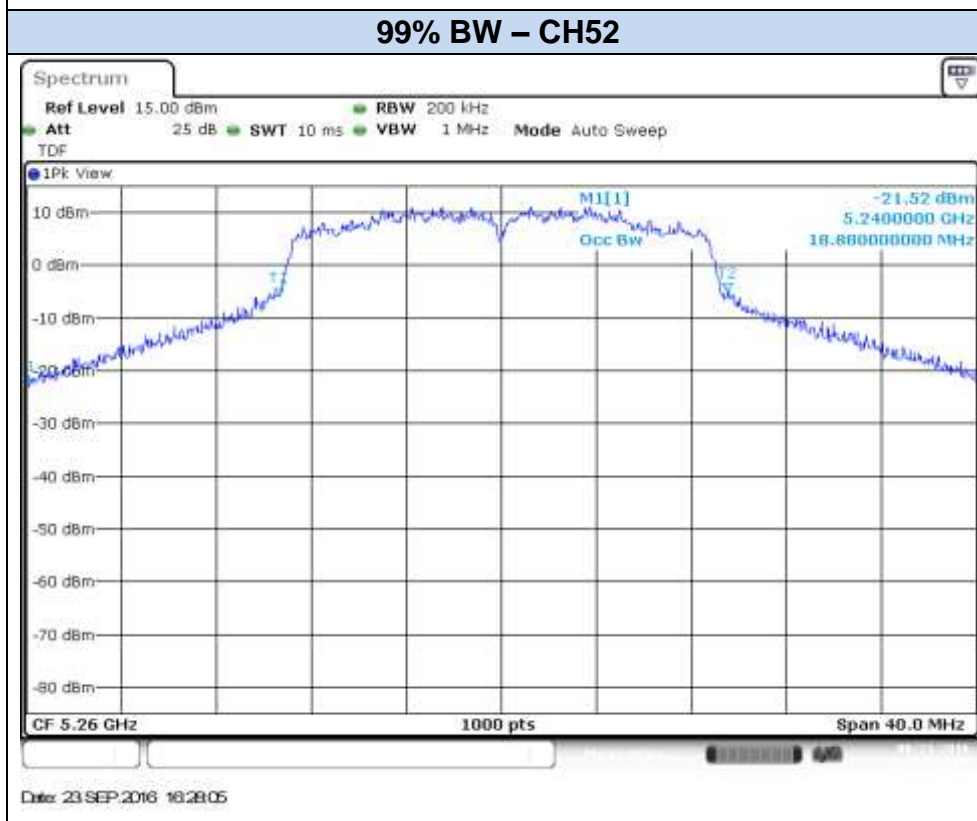




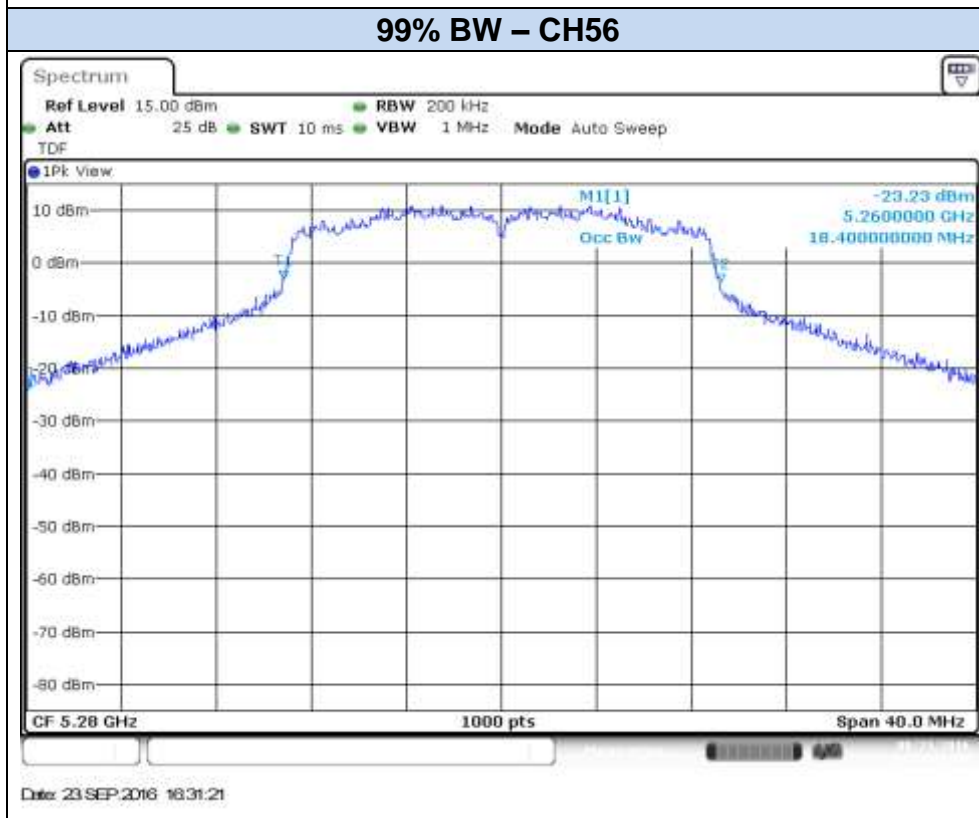
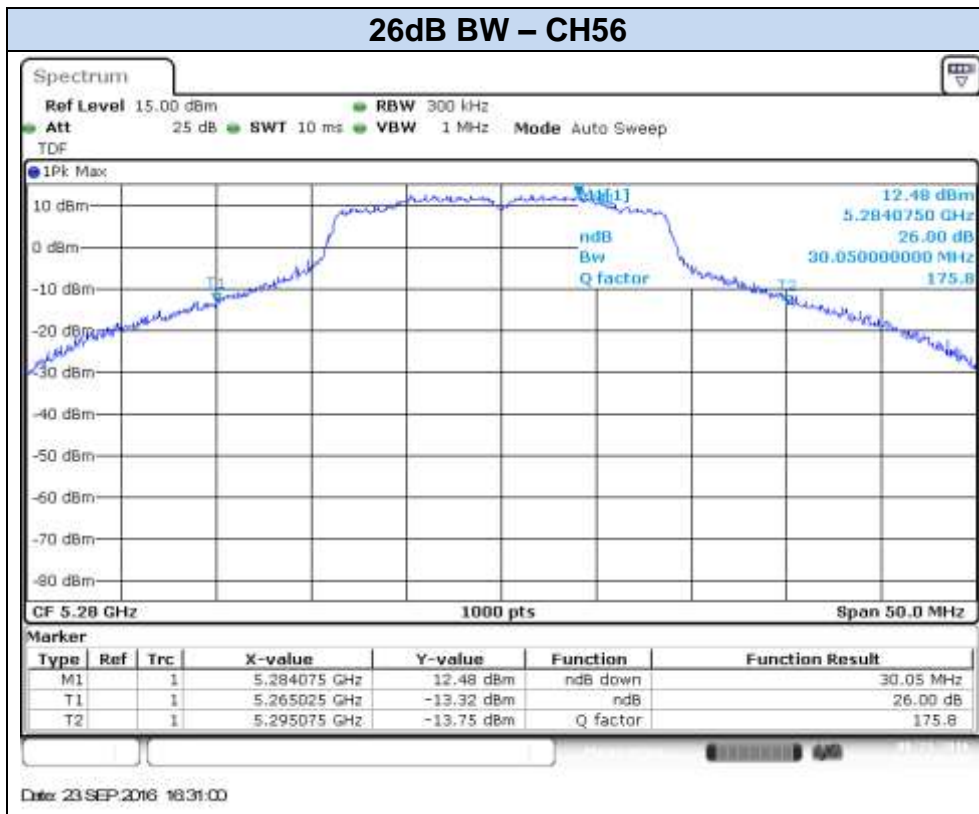
802.11n20, HT0 (SISO) – Chain B

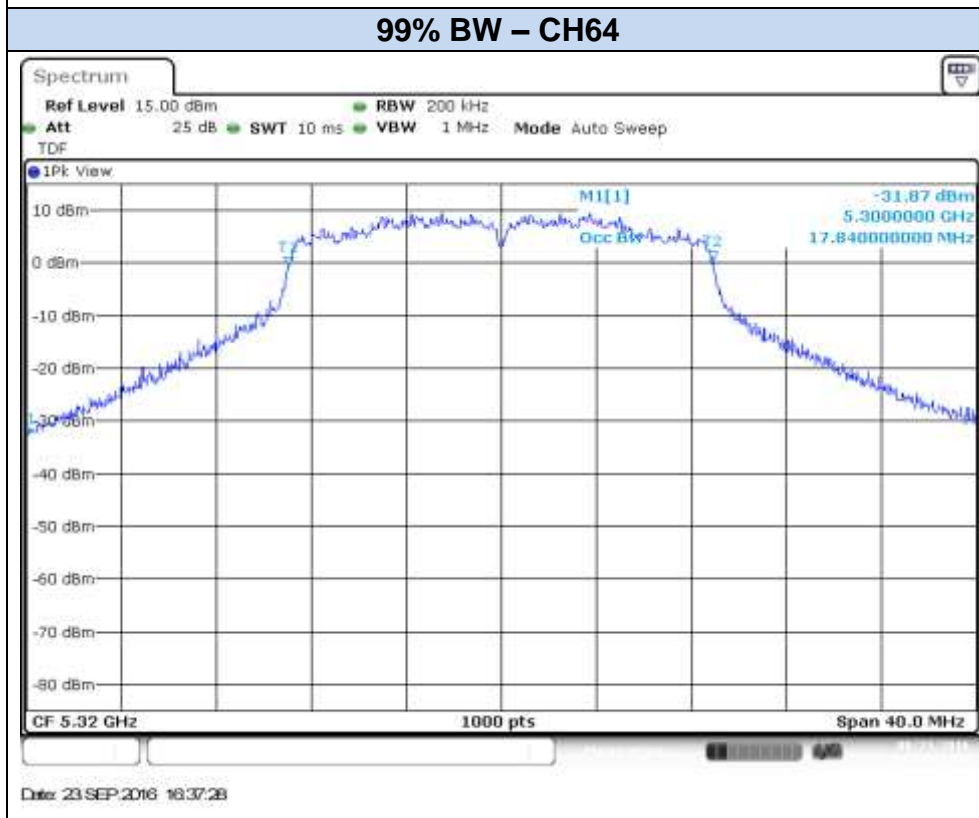
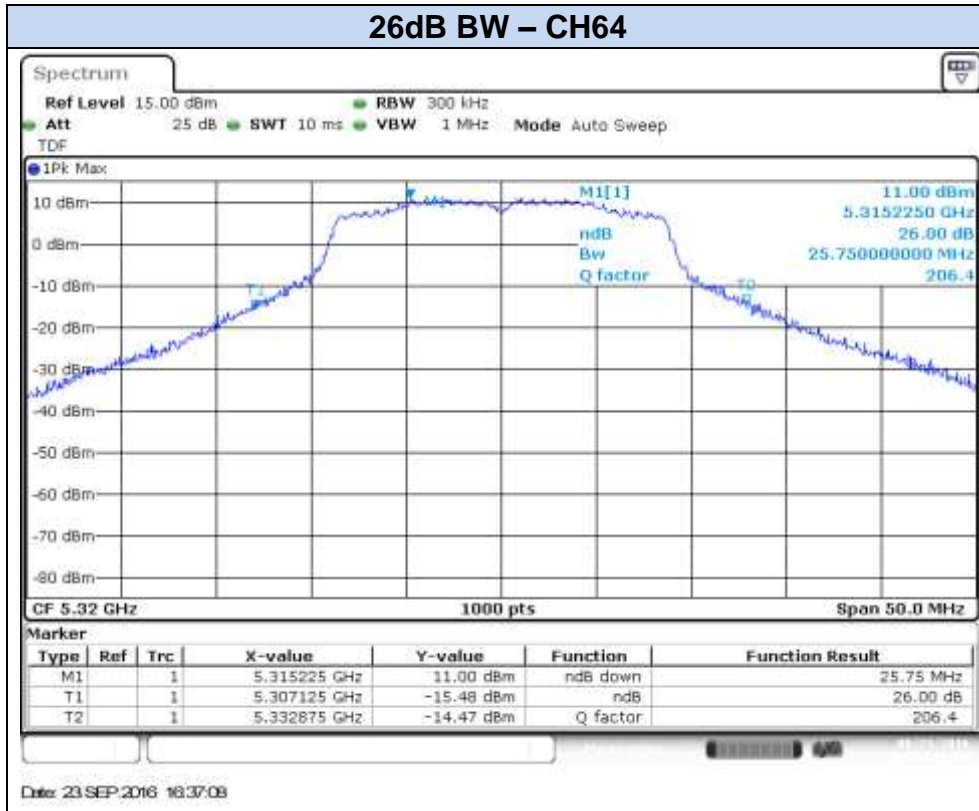


Date: 23 SEP 2016 16:27:45

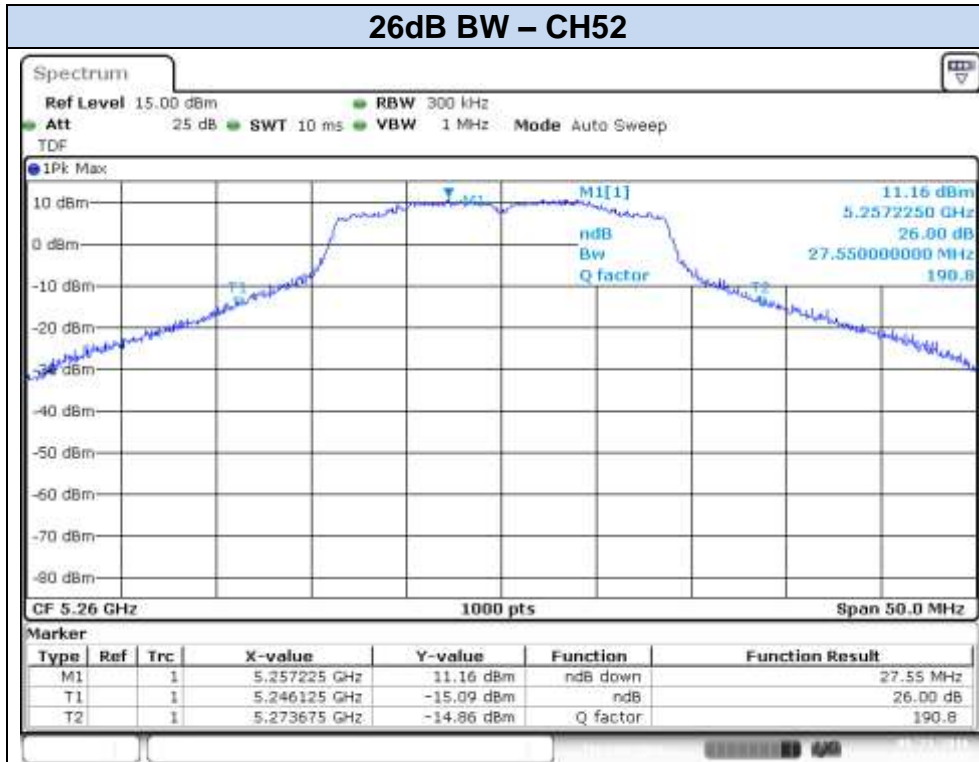


Date: 23 SEP 2016 16:28:05

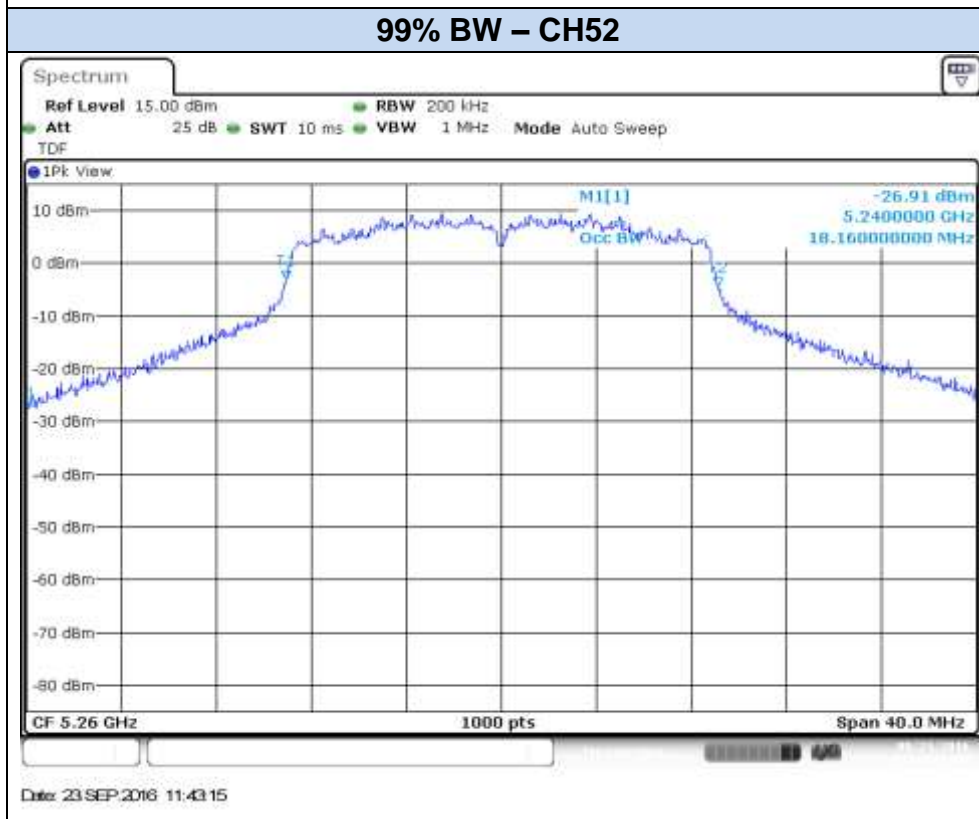




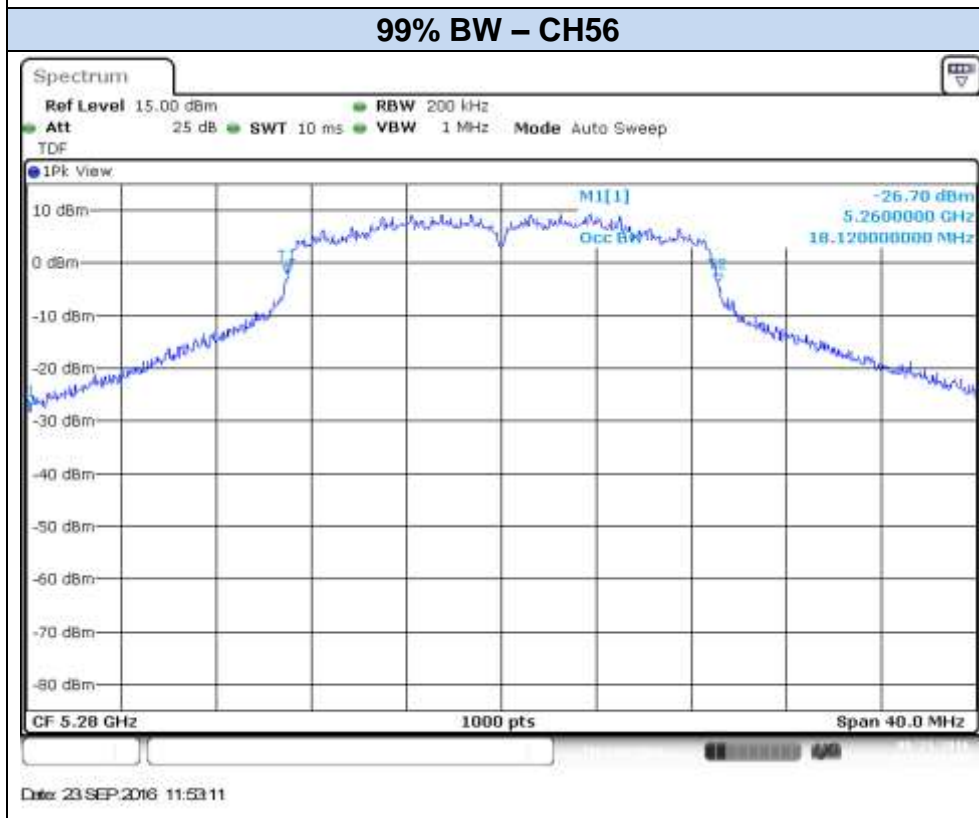
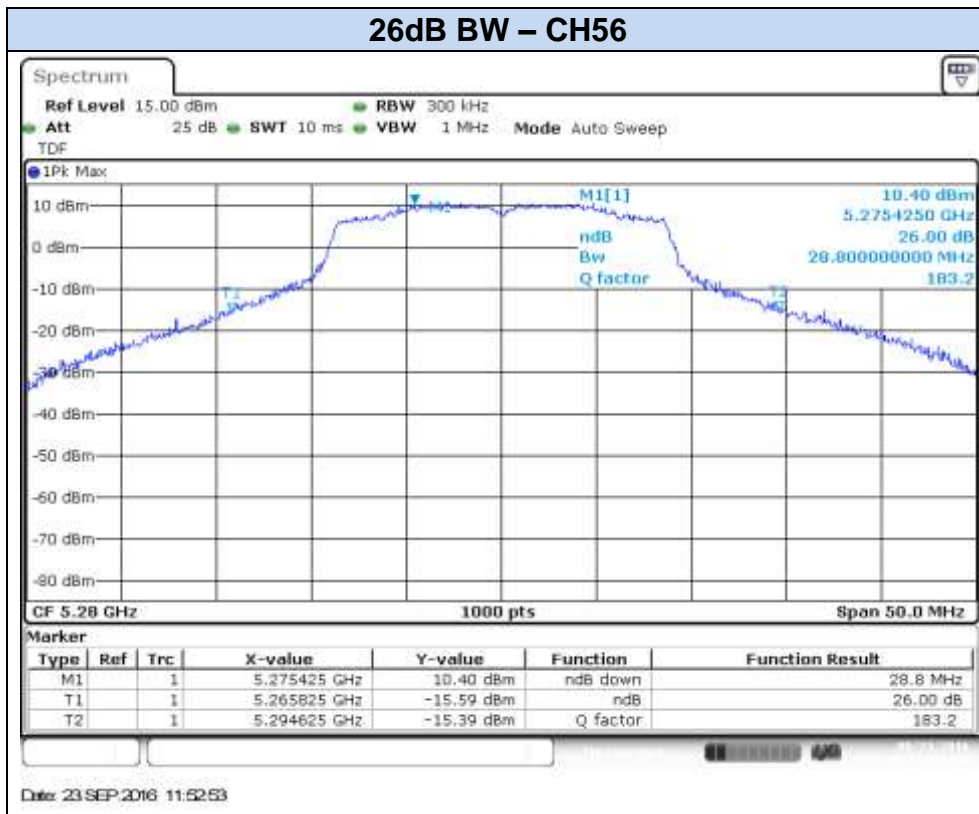
802.11n20, HT8 (MIMO) – Chain A

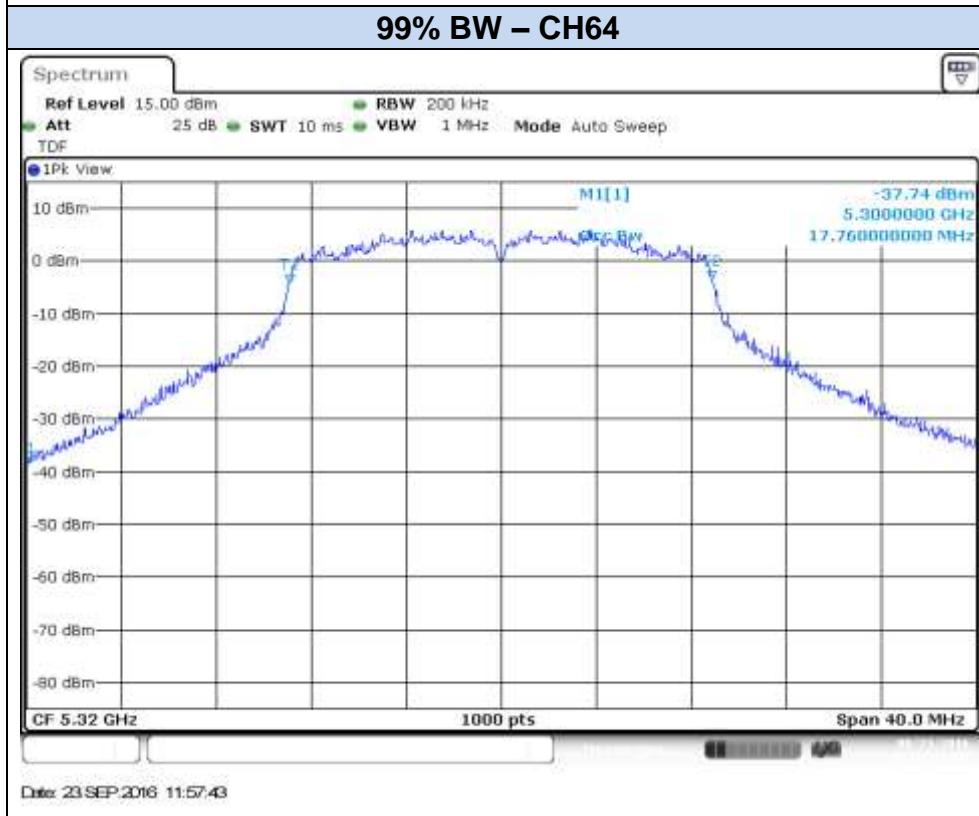
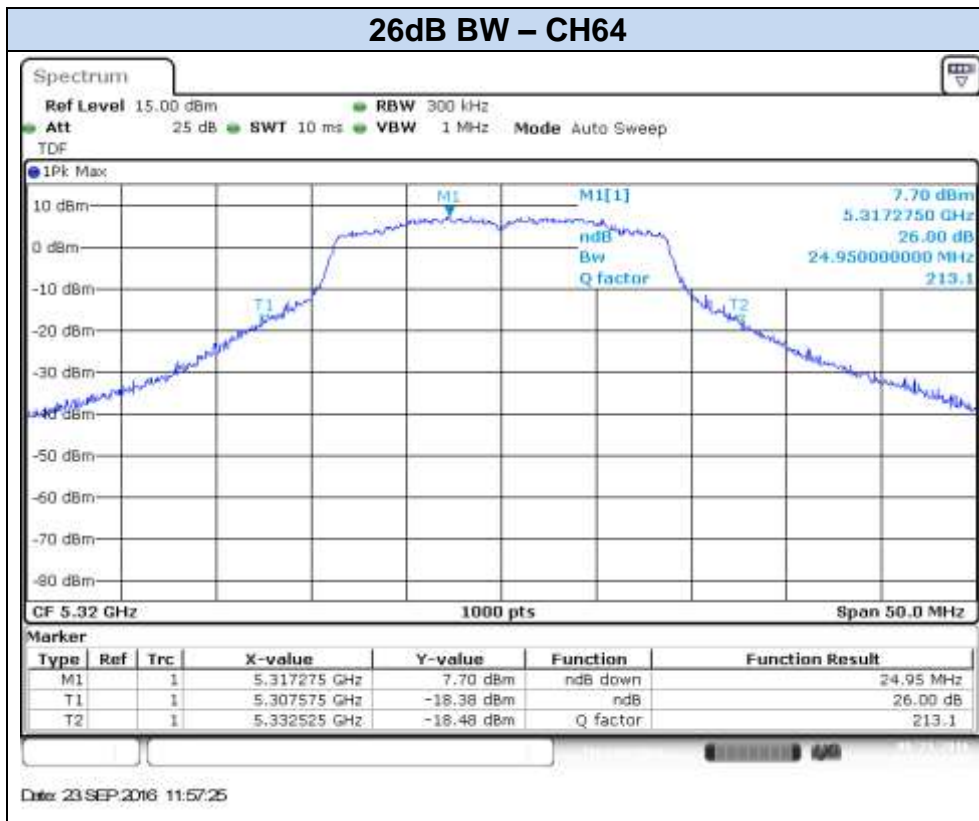


Date: 23 SEP 2016 11:42:58

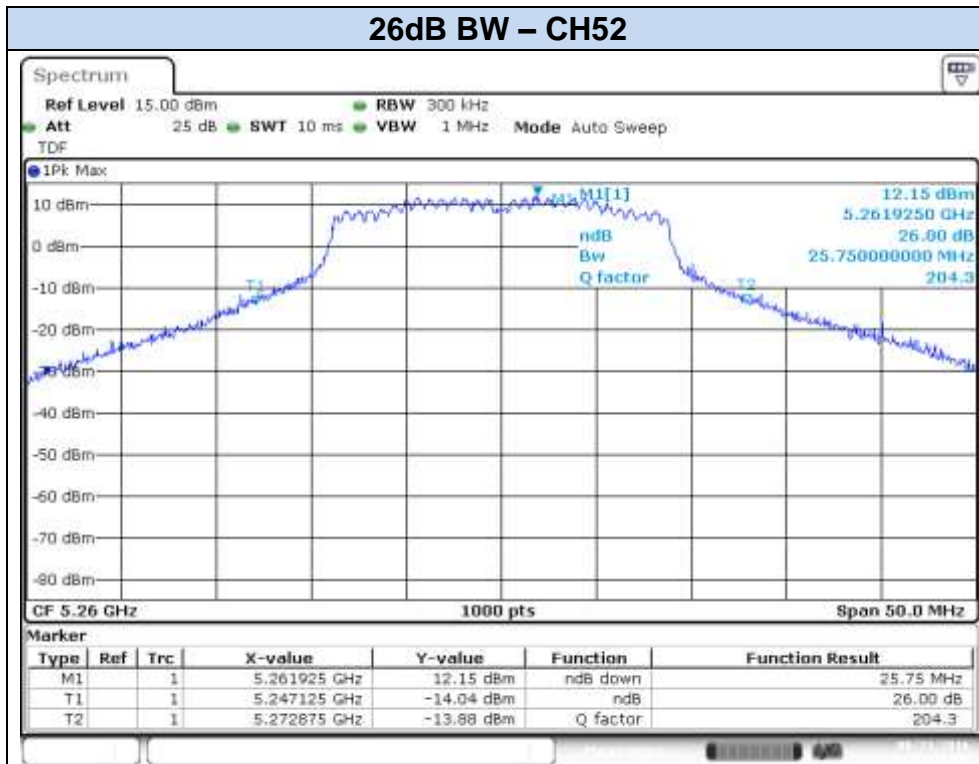


Date: 23 SEP 2016 11:43:15

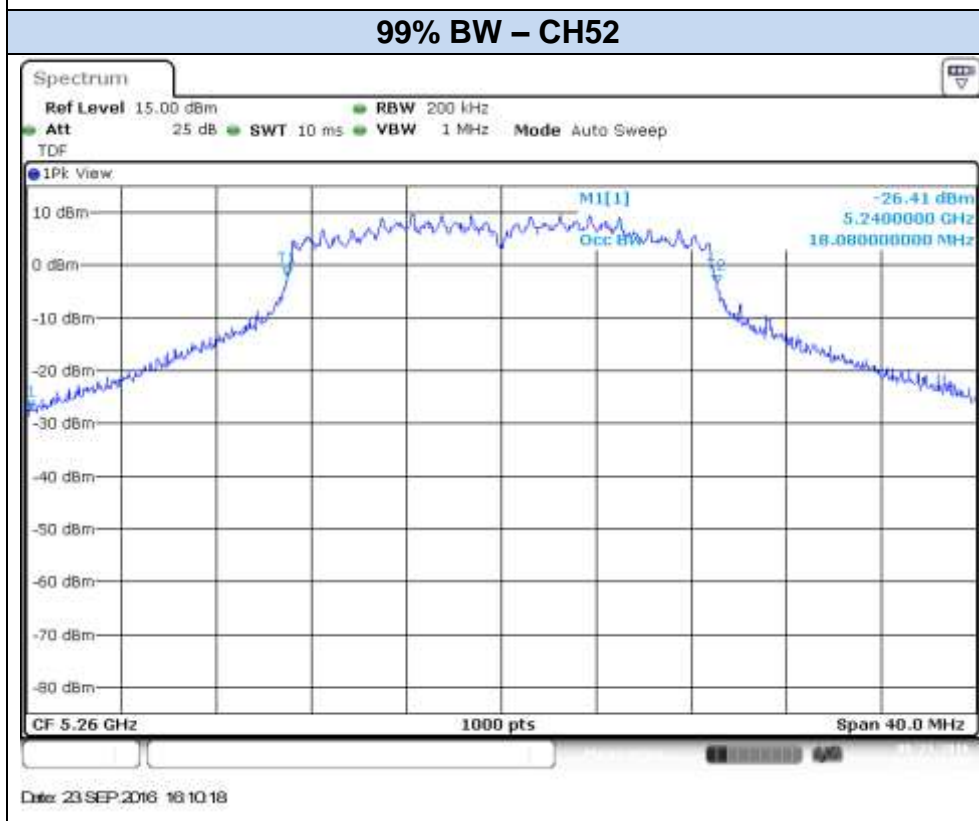




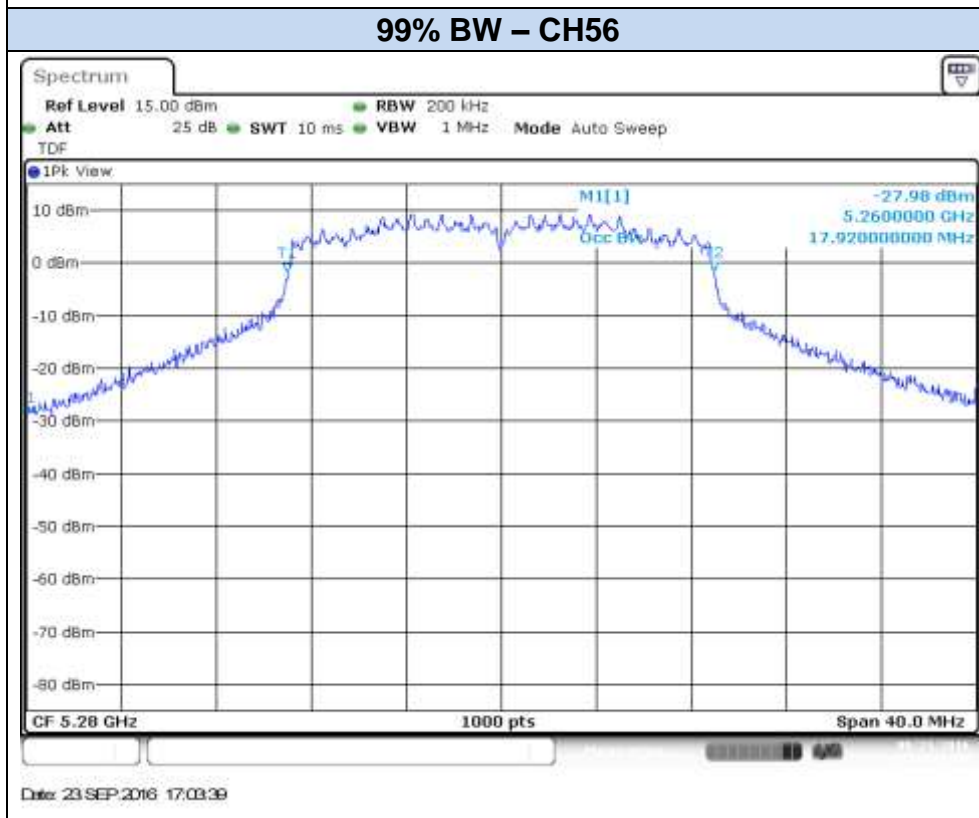
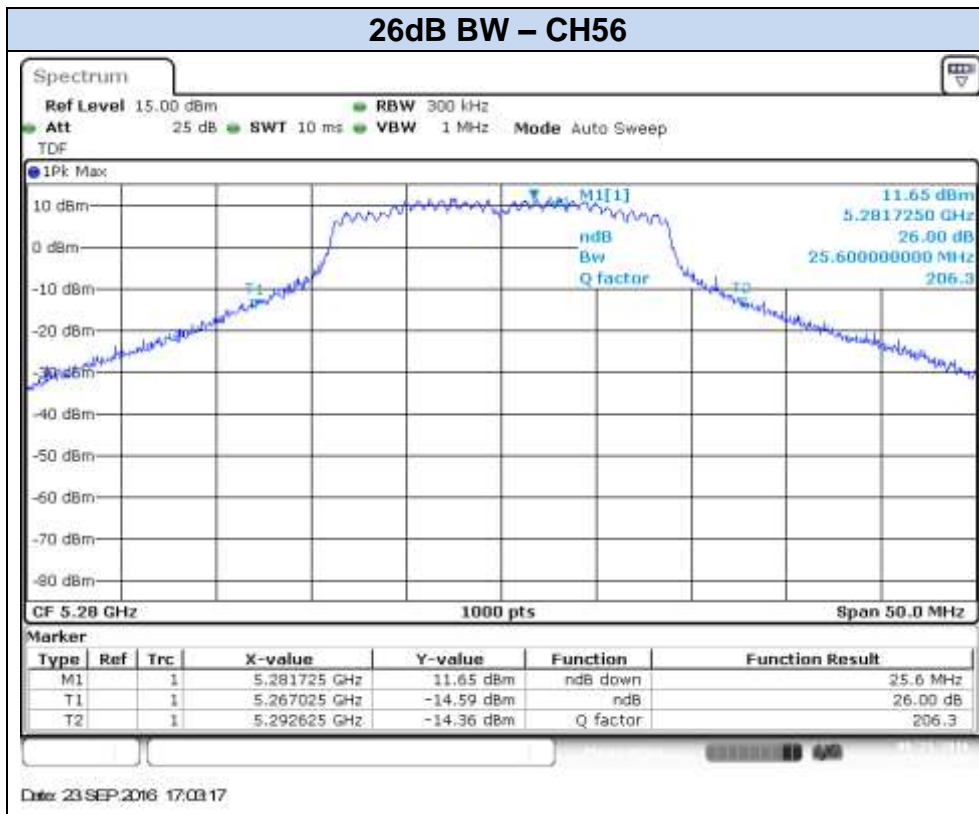
802.11n20, HT8 (MIMO) – Chain B

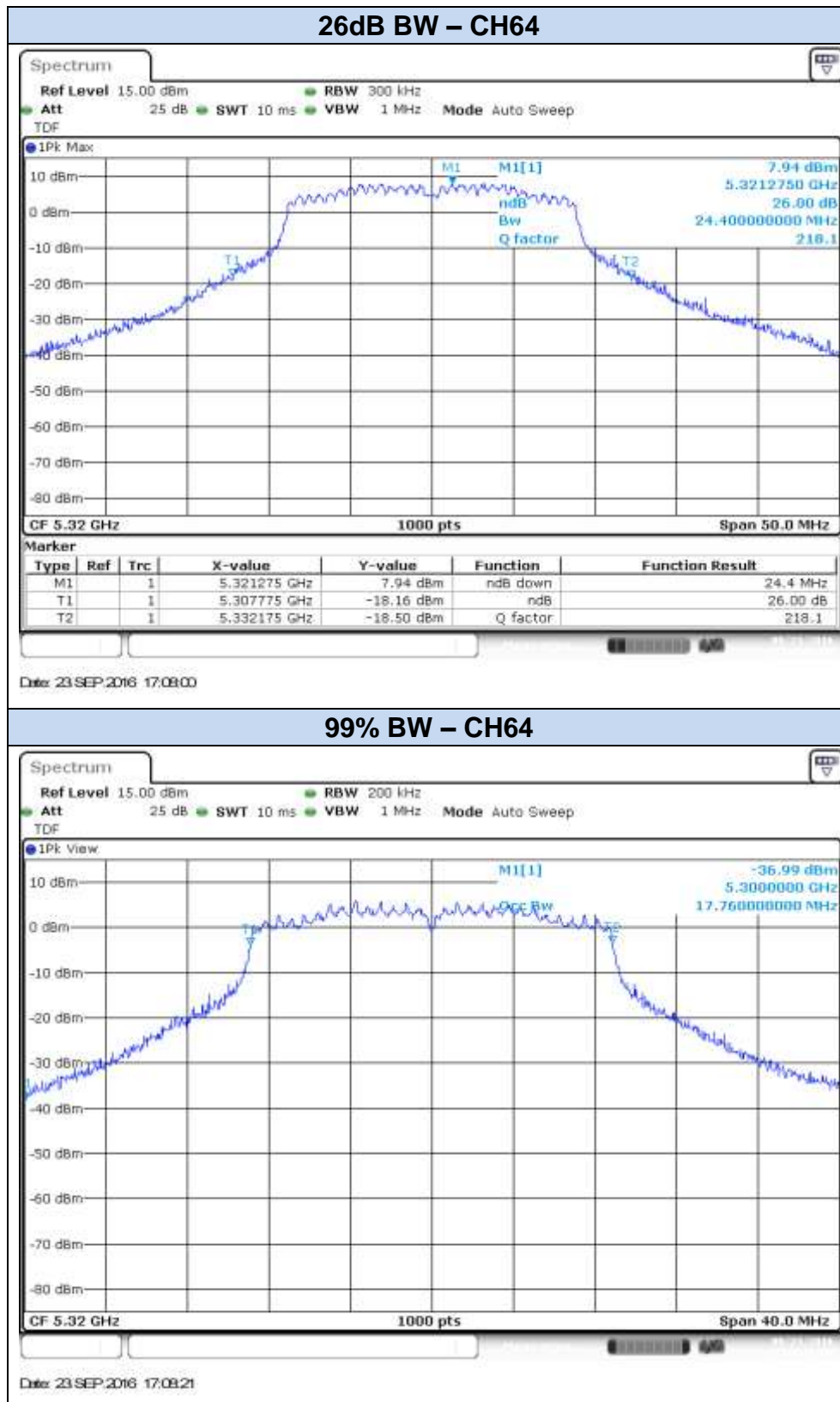


Date: 23 SEP 2016 16:09:58

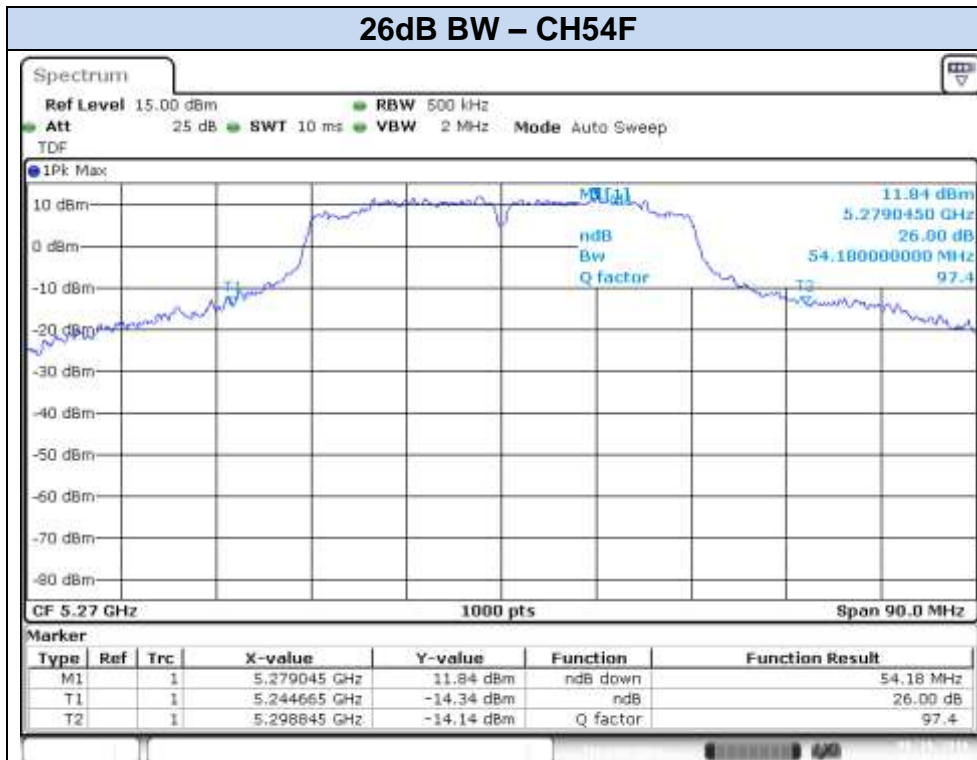


Date: 23 SEP 2016 16:10:18

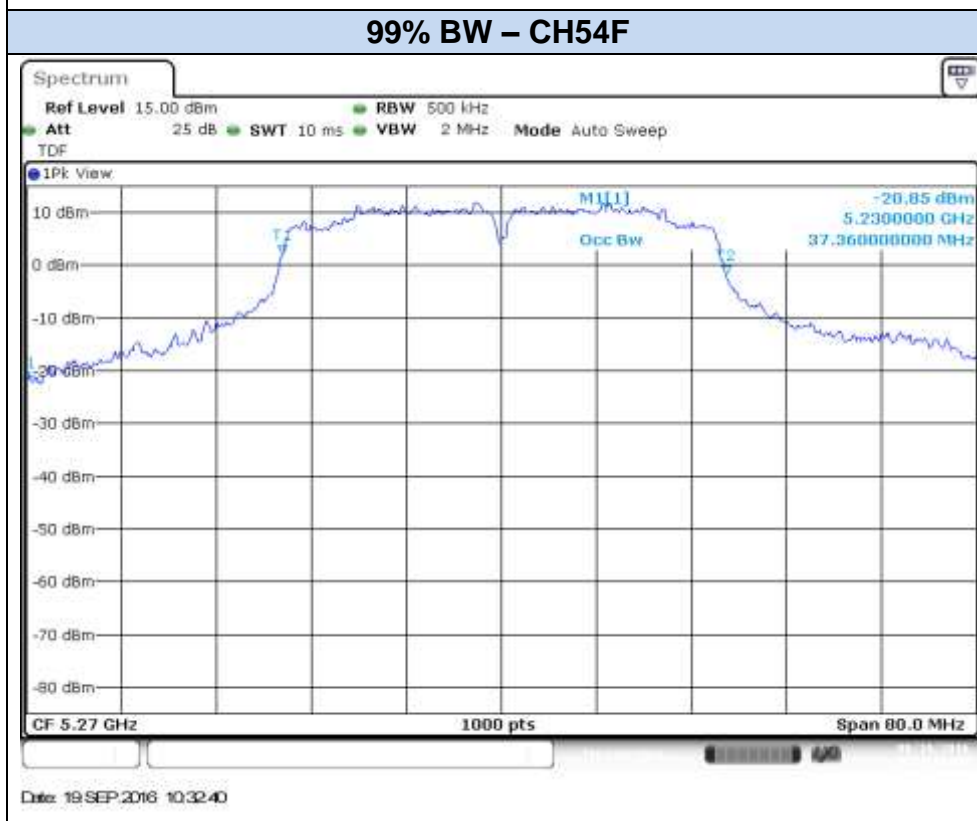




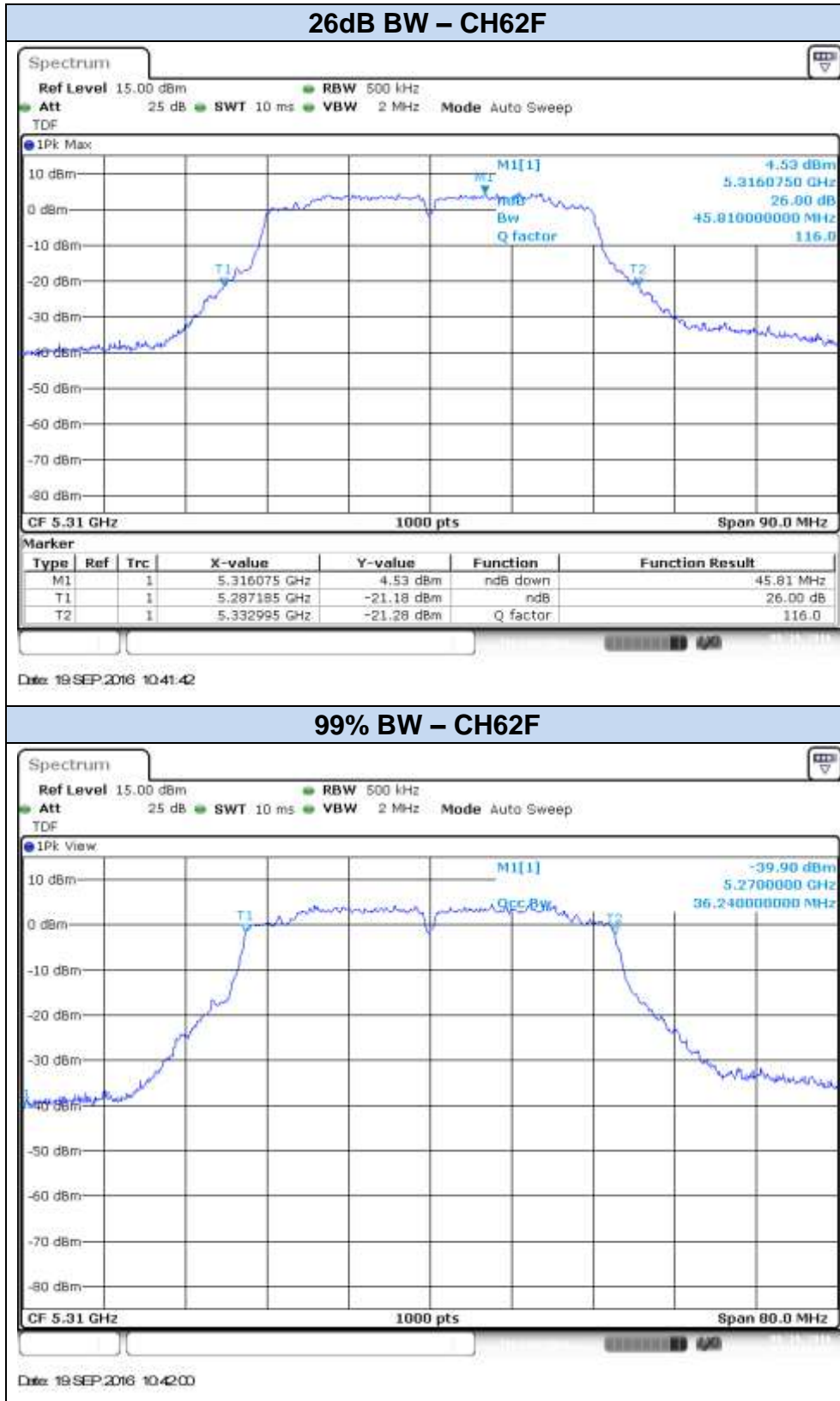
802.11n40, HT0 (SISO) – Chain A



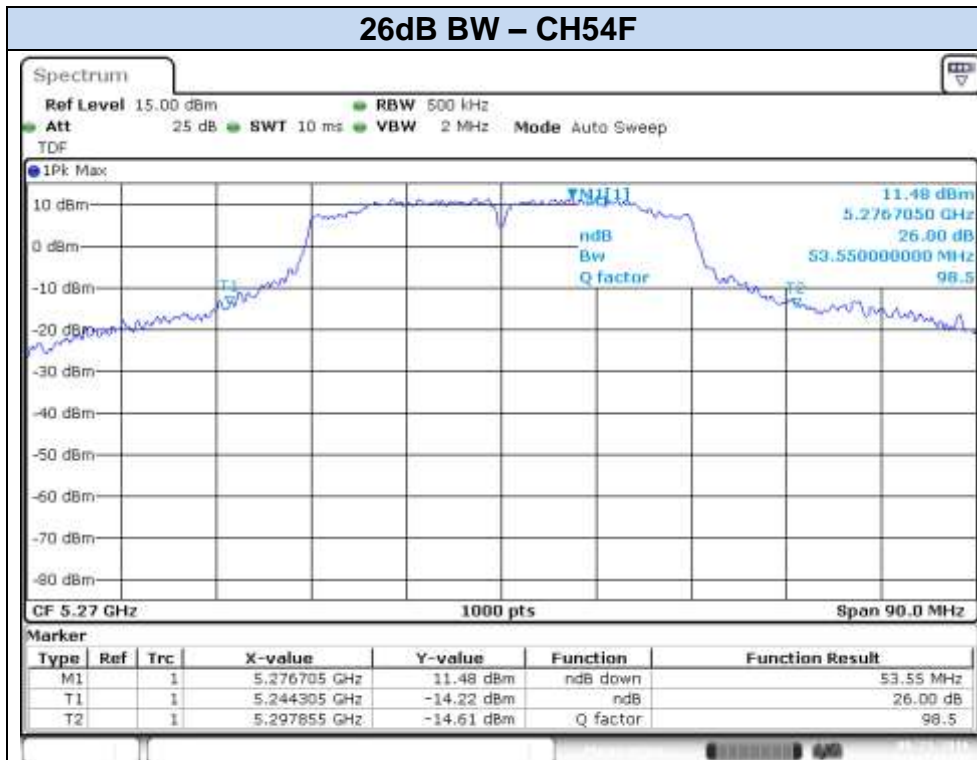
Date: 19 SEP 2016 10:32:23



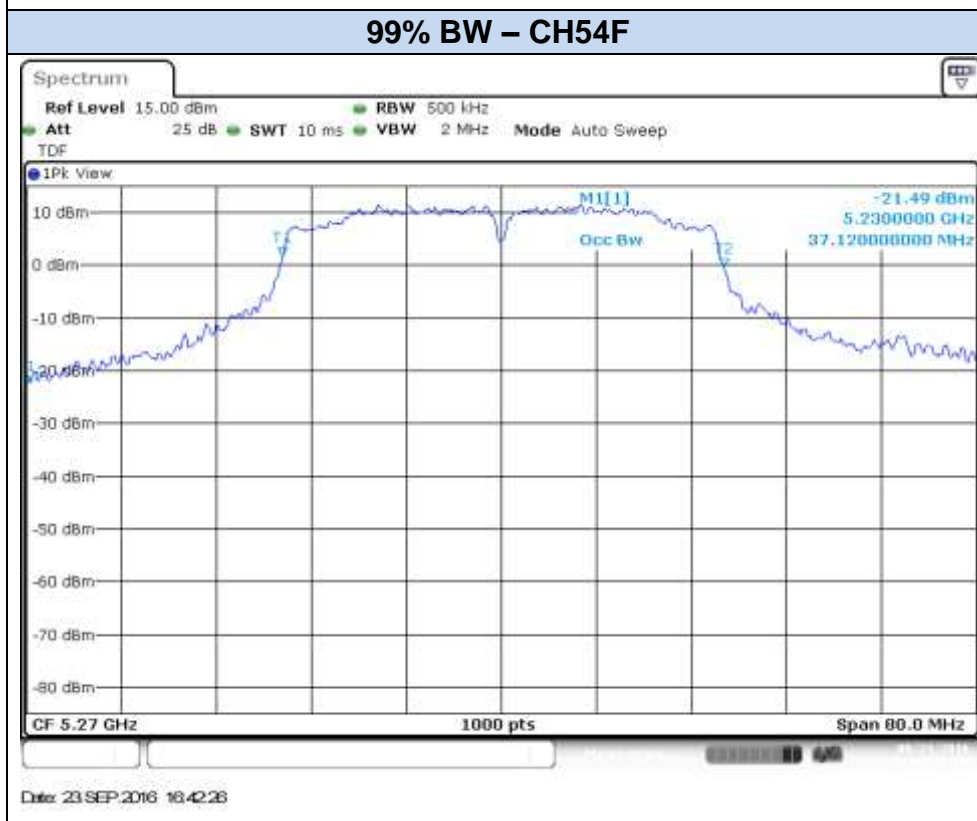
Date: 19 SEP 2016 10:32:40



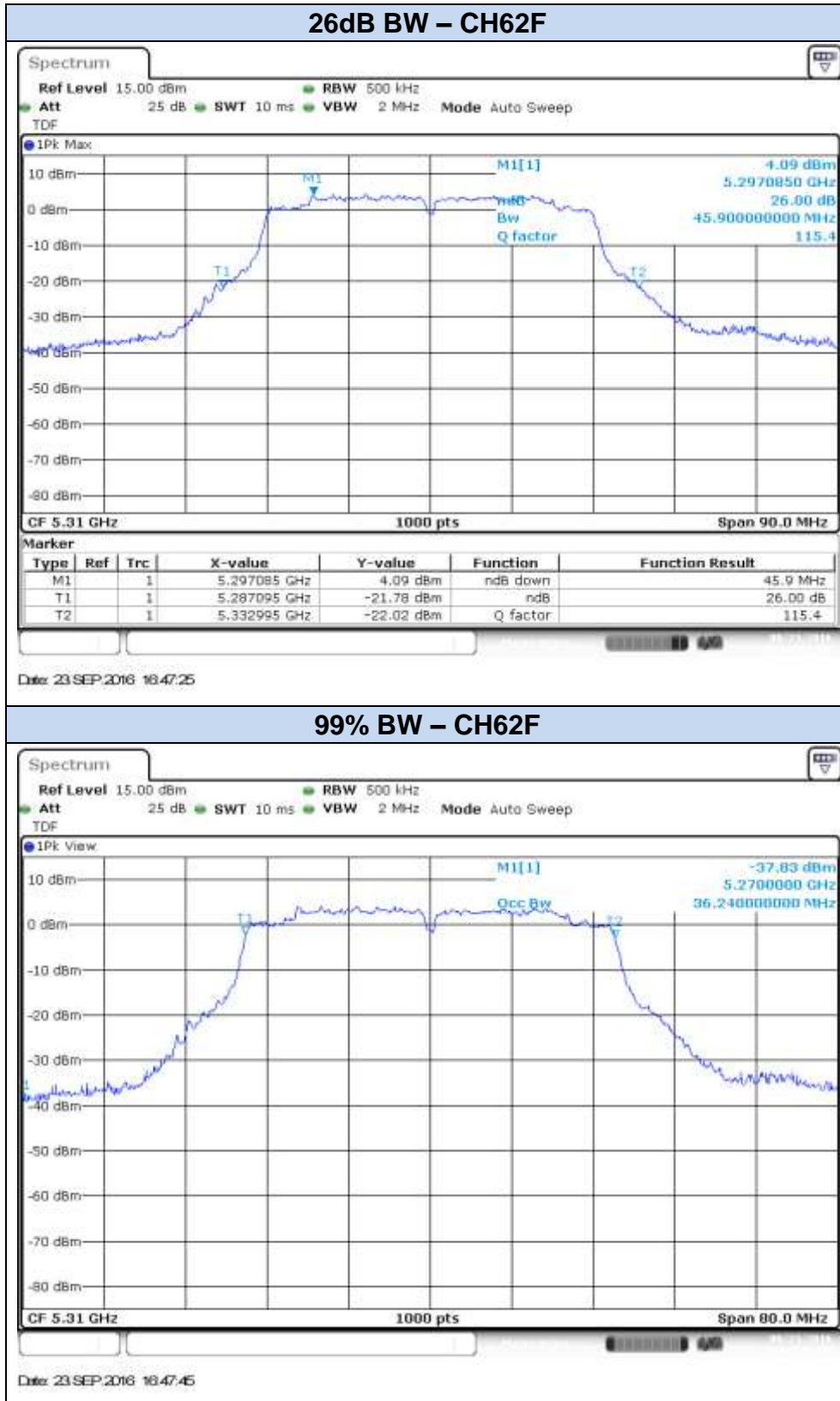
802.11n40, HT0 (SISO) – Chain B



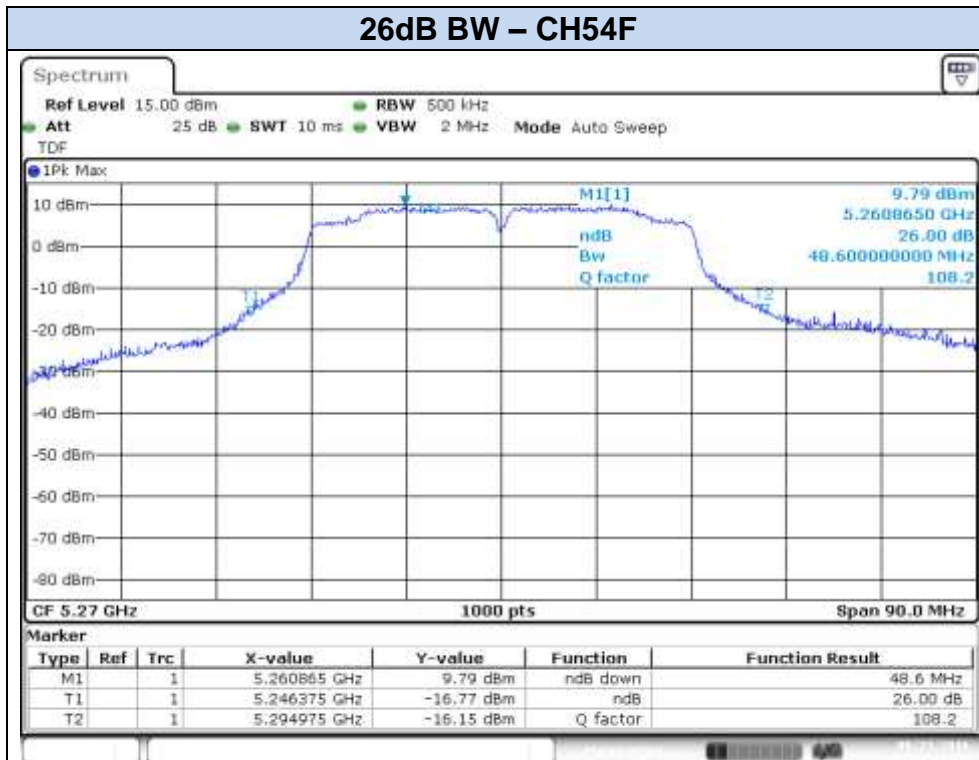
Date: 23 SEP 2016 16:42:05



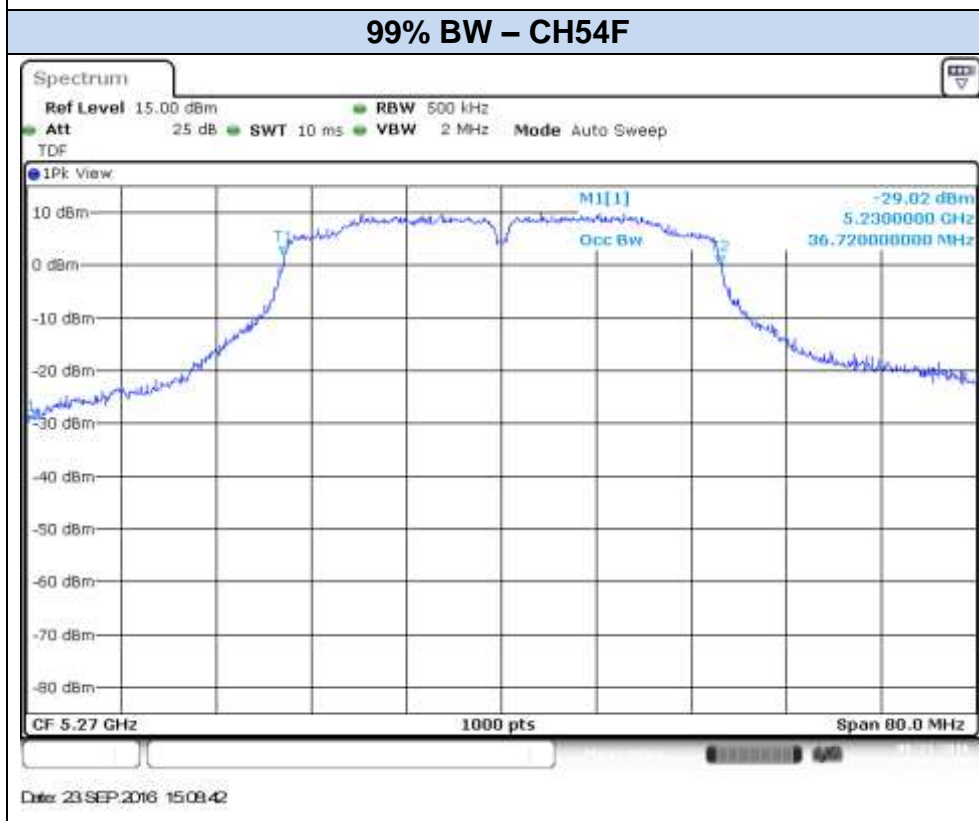
Date: 23 SEP 2016 16:42:26



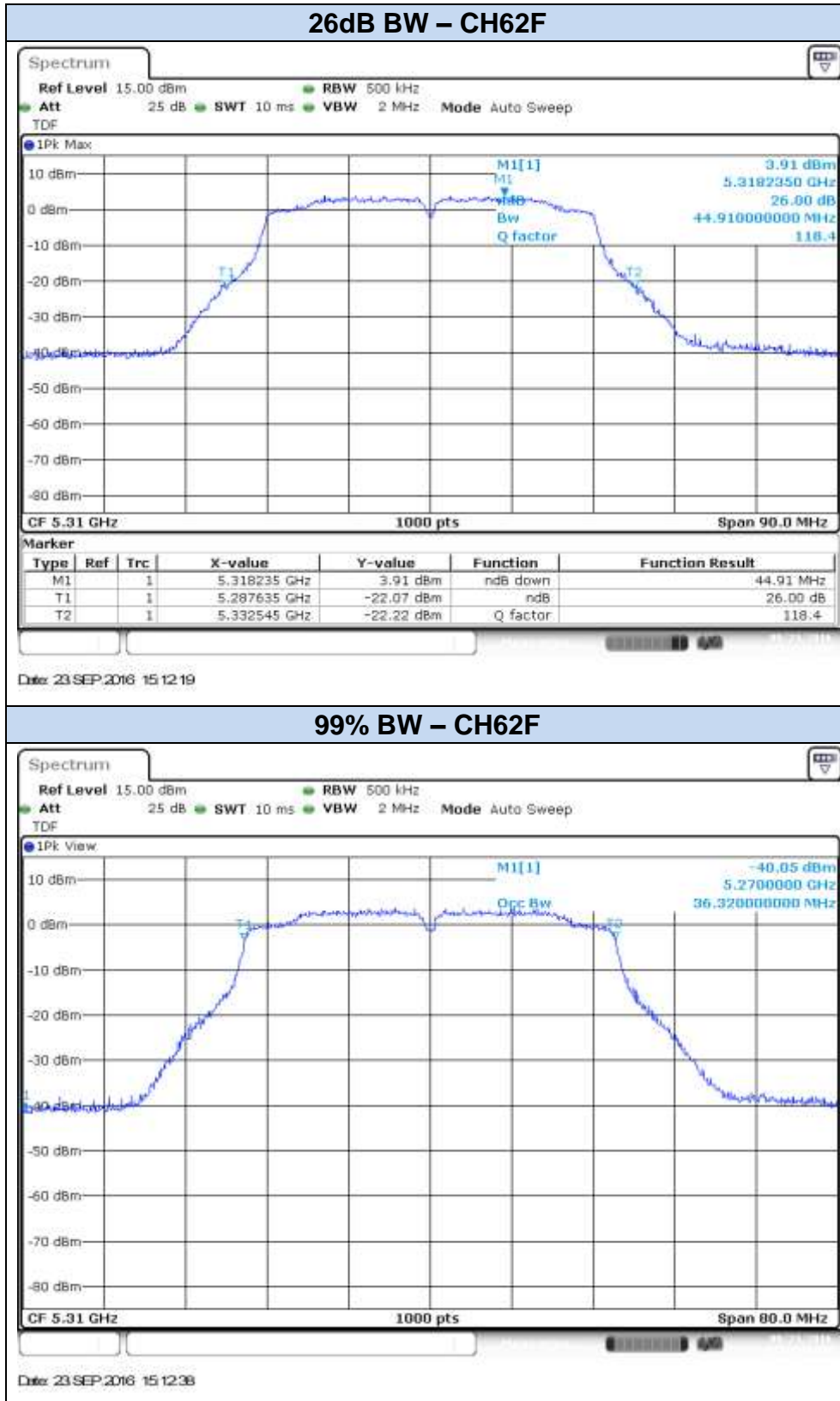
802.11n40, HT8 (MIMO) – Chain A



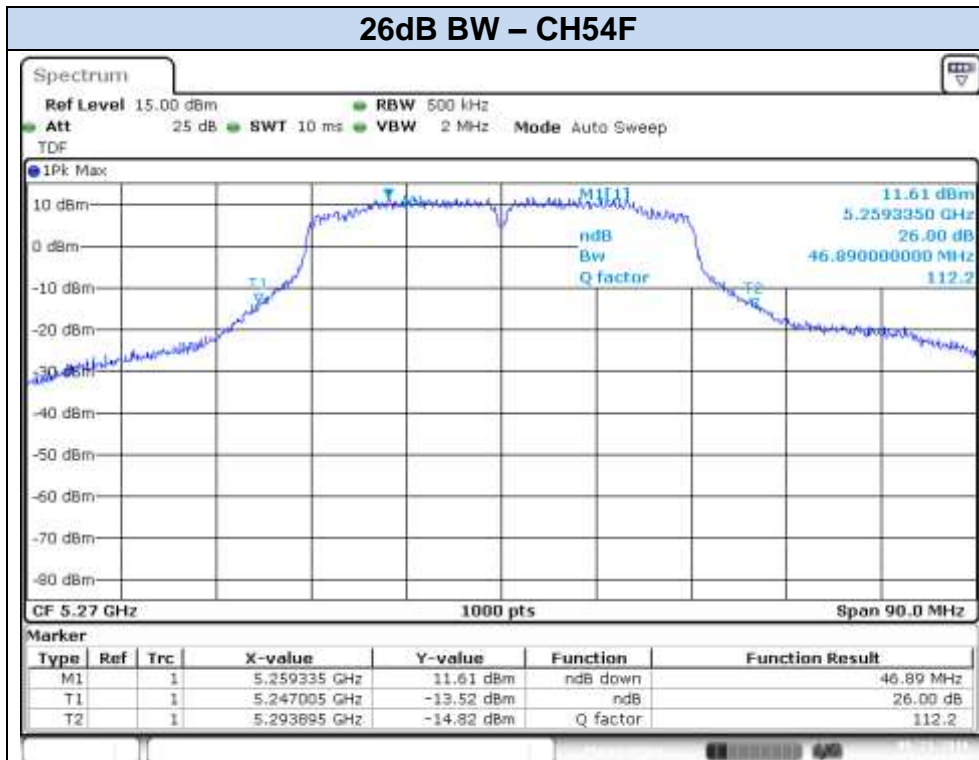
Date: 23 SEP 2016 15:08:23



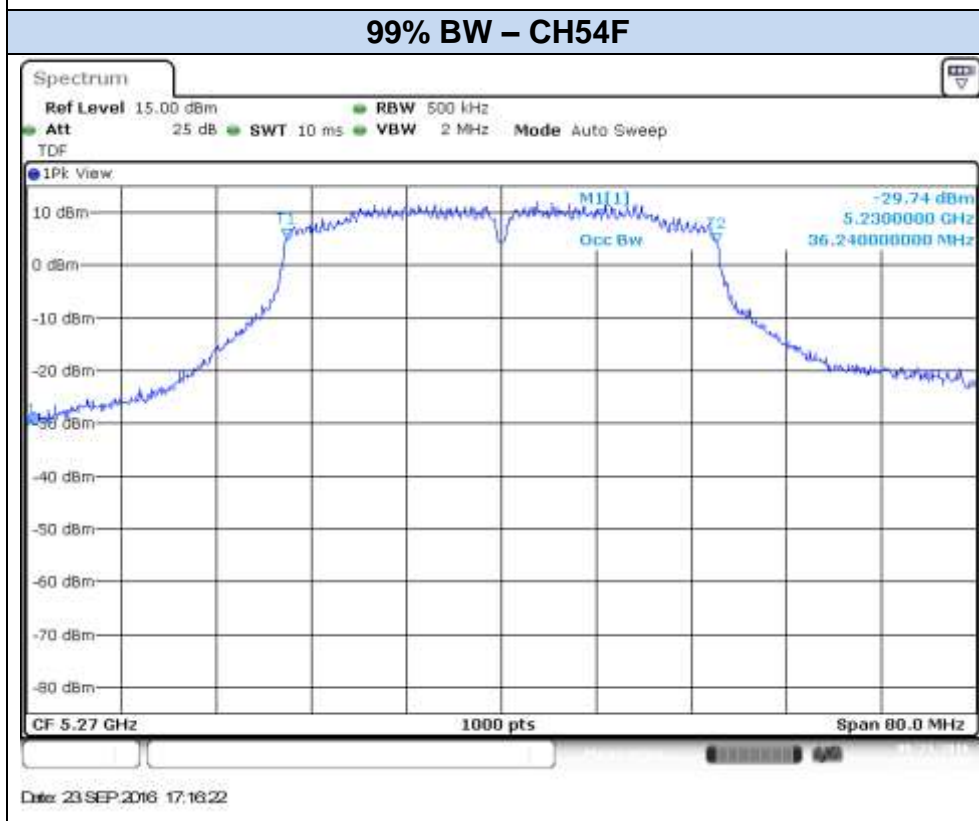
Date: 23 SEP 2016 15:08:42



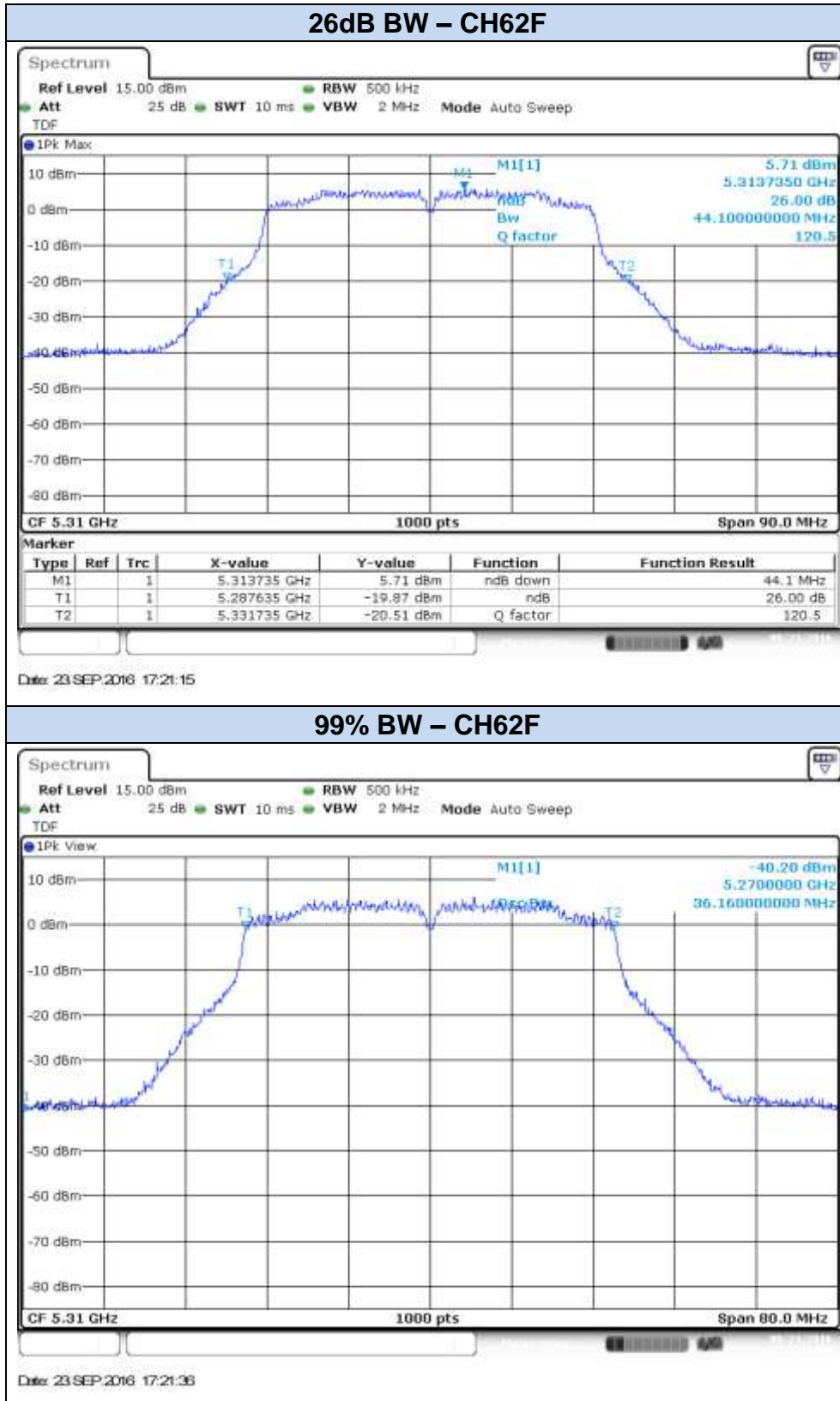
802.11n40, HT8 (MIMO) – Chain B



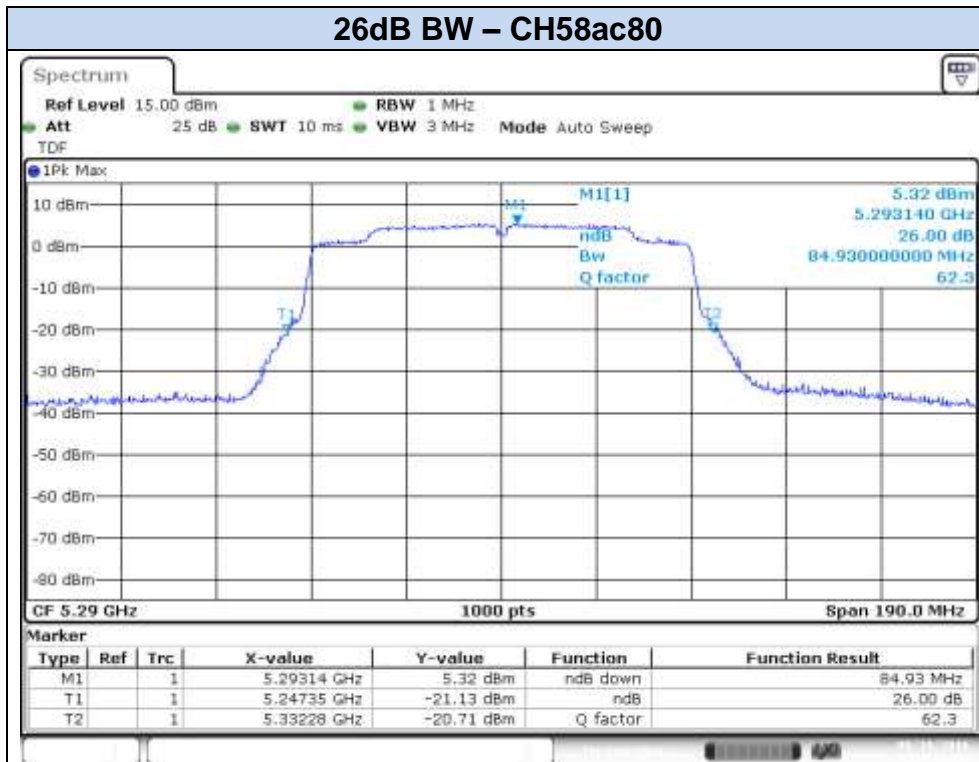
Date: 23 SEP 2016 17:16:01



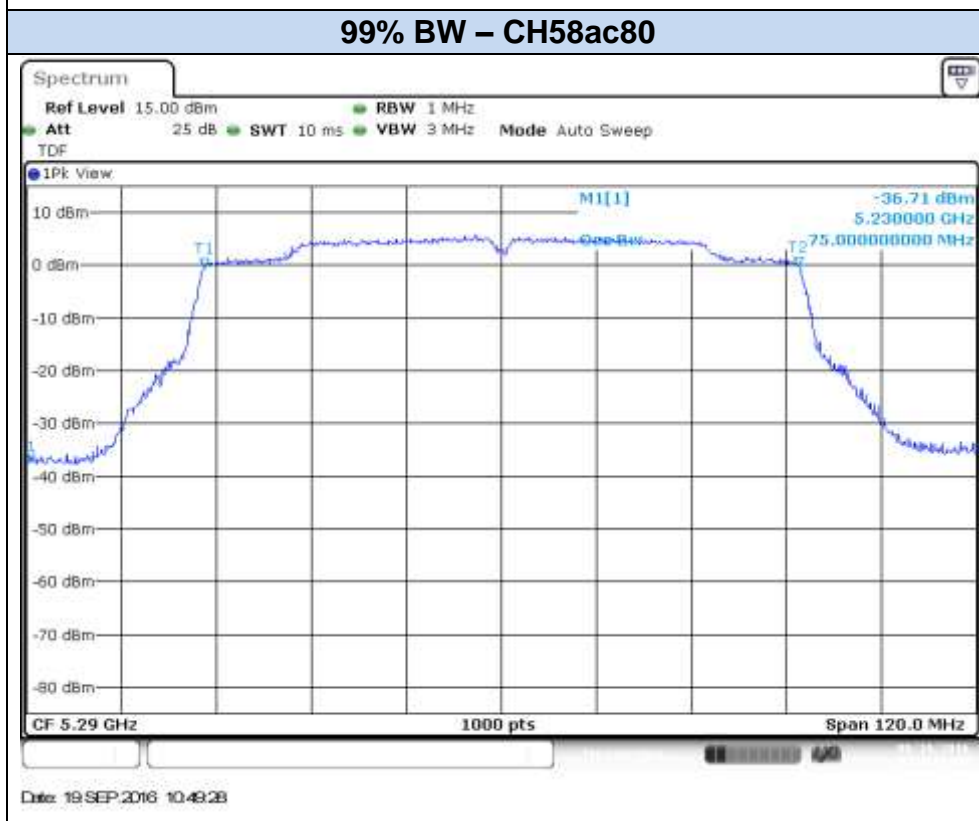
Date: 23 SEP 2016 17:16:22



802.11ac80, VHT0 (SISO) – Chain A

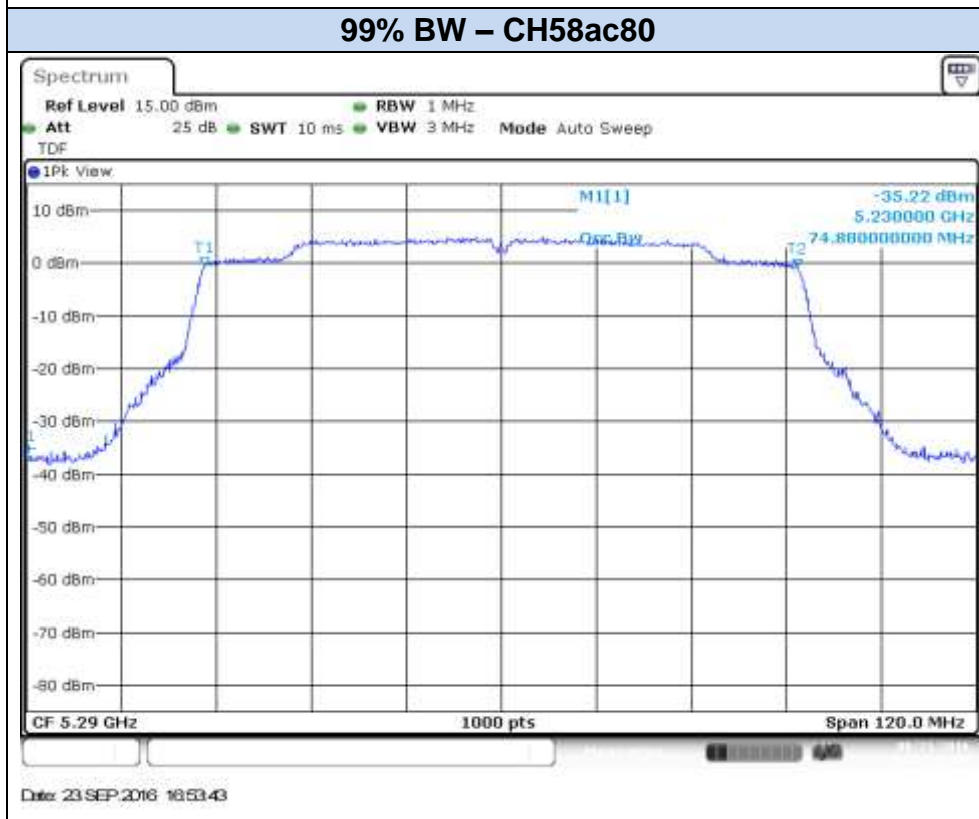
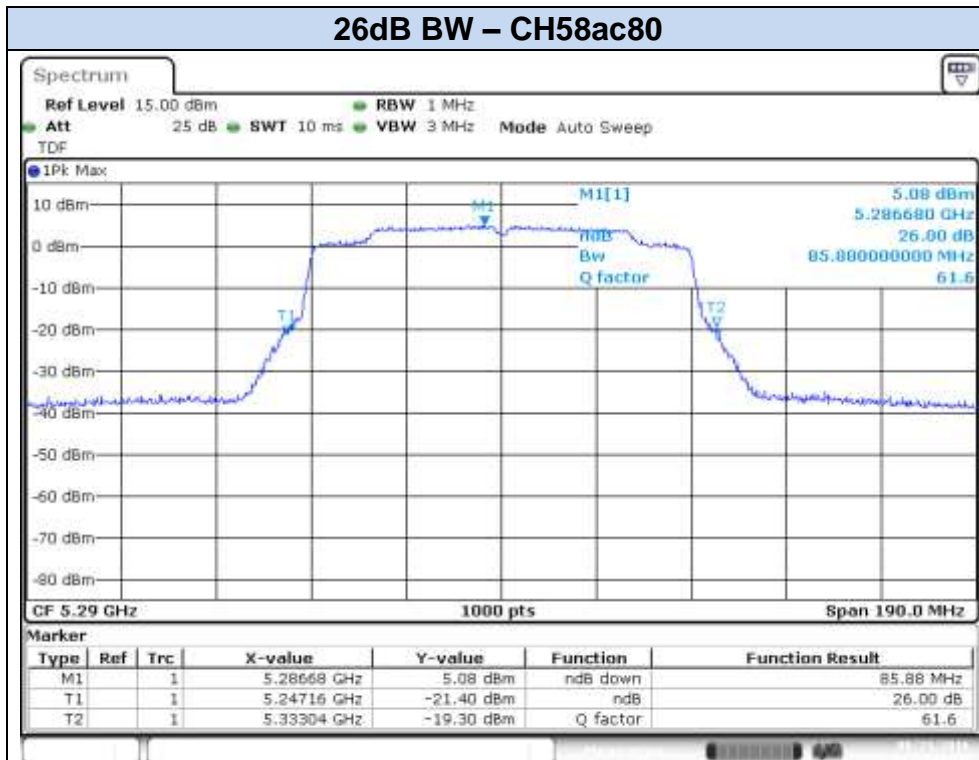


Date: 19 SEP 2016 10:49:10

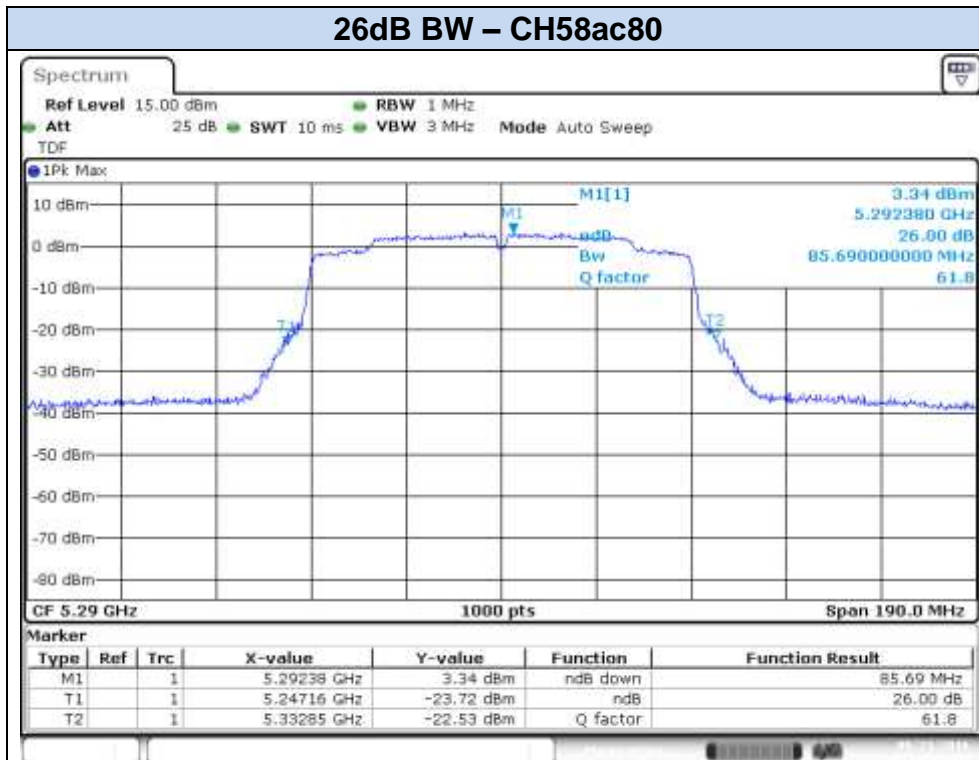


Date: 19 SEP 2016 10:49:28

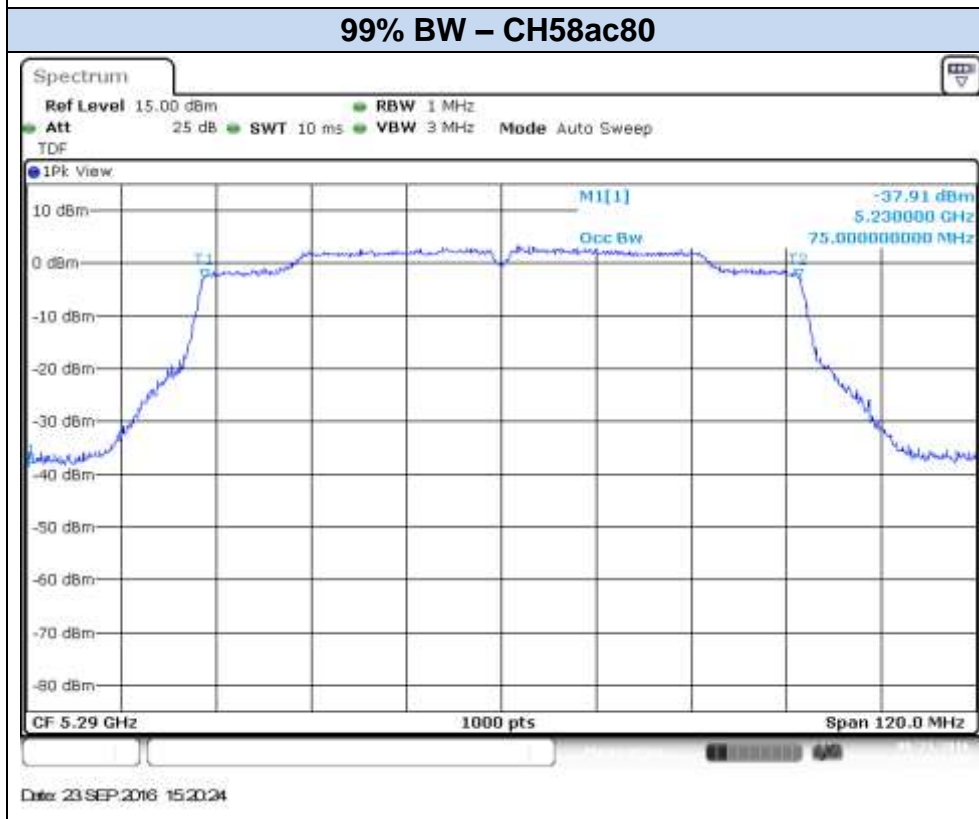
802.11ac80, VHT0 (SISO) – Chain B



802.11ac80, VHT0 (MIMO) – Chain A

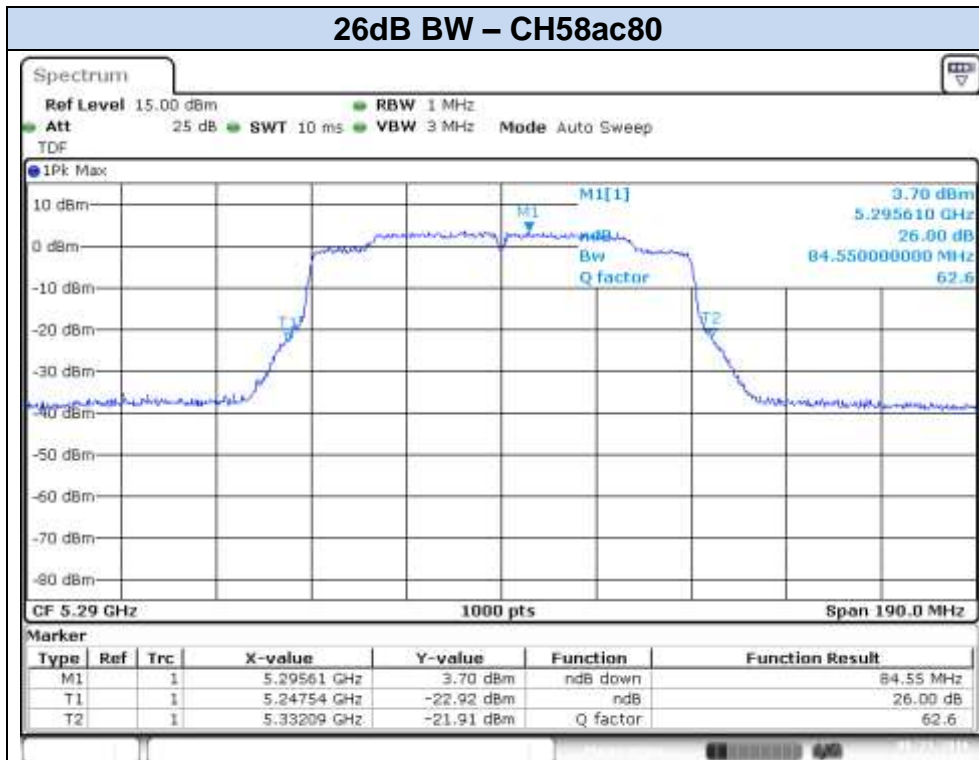


Date: 23 SEP 2016 15:20:05

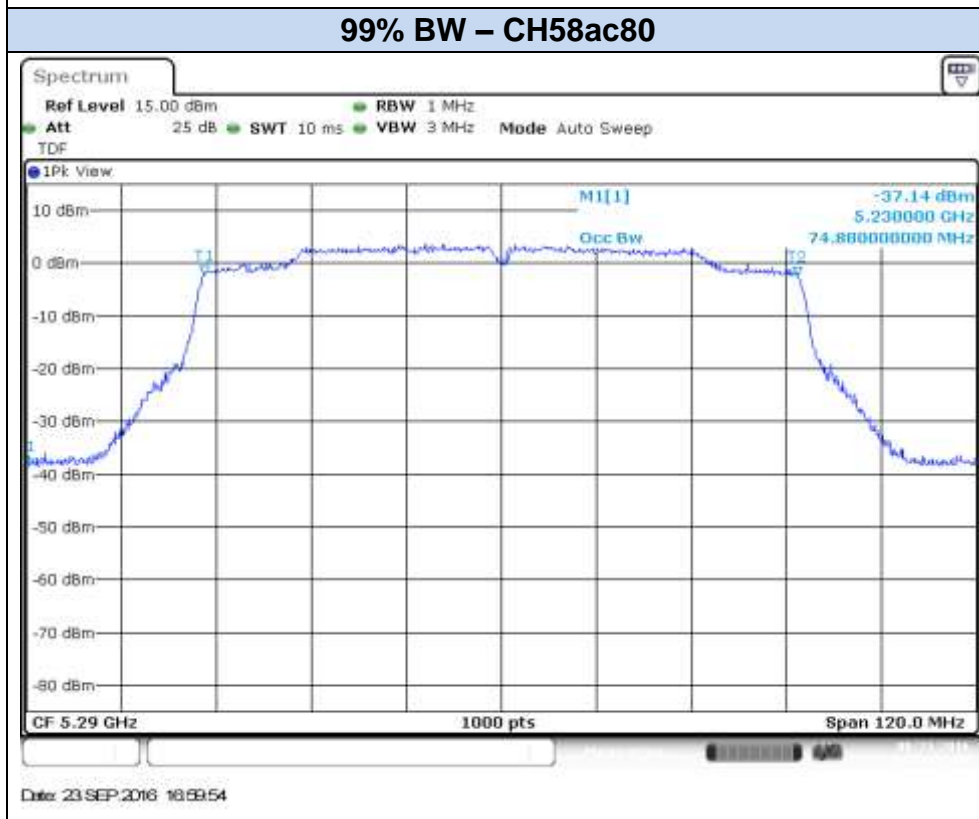


Date: 23 SEP 2016 15:20:24

802.11ac80, VHT0 (MIMO) – Chain B



Date: 23 SEP 2016 16:59:34



Date: 23 SEP 2016 16:59:54

C.2 Power Limits. Maximum Output power & Peak power spectral density

Test limits:

| FCC part | Limits |
|-------------------|--|
| 15.407 (a) (2) | For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band. |

Test procedure:

The Maximum Conducted Output Power was measured using the channel integration method according to point E) 2) e) (Method SA-2 Alternative) of KDB 789033 D02.

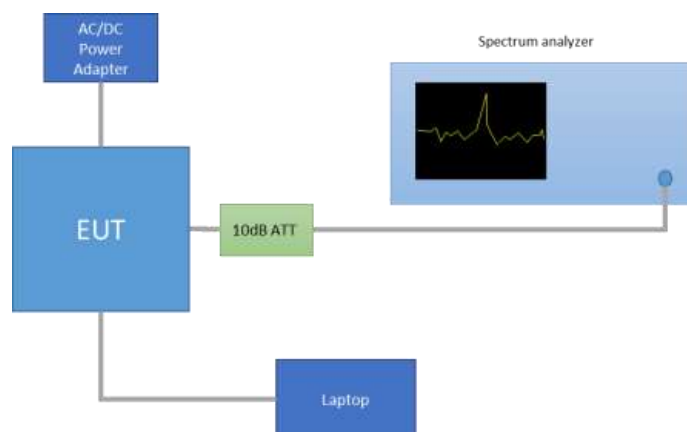
The maximum power spectral density (PSD) was measured using the method according to point F) (Method SA-2 Alternative) of KDB 789033 D02.

In the measure-and-sum approach for MIMO mode, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically in linear power units to determine the total emission level from the device.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

The setup below was used to measure the maximum conducted output power and power spectral density. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

The declared maximum antenna gain is 5dBi.



Results tables:**Duty cycle**

| Mode | Rate | Antenna | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|-------|---------|----------------------------|--------------------------|----------------|
| 802.11a | 6Mbps | SISO-A | 2.03 | 2.07 | 98.0% |
| | | SISO-B | 2.04 | 2.07 | 98.2% |
| 802.11n20 | HT0 | SISO-A | 1.90 | 1.93 | 98.4% |
| | | SISO-B | 1.90 | 1.94 | 98.2% |
| | HT8 | MIMO-A | 0.97 | 1.01 | 96.1% |
| | | MIMO-B | 0.97 | 1.01 | 96.1% |
| 802.11n40 | HT0 | SISO-A | 0.93 | 0.96 | 96.5% |
| | | SISO-B | 0.94 | 0.97 | 96.8% |
| | HT8 | MIMO-A | 0.49 | 0.53 | 92.3% |
| | | MIMO-B | 0.49 | 0.53 | 92.1% |
| 802.11ac80 | VHT0 | SISO-A | 0.46 | 0.49 | 93.5% |
| | | SISO-B | 0.45 | 0.49 | 93.2% |
| | | MIMO-A | 0.26 | 0.29 | 87.3% |
| | | MIMO-B | 0.25 | 0.29 | 86.6% |

Maximum output power

| Mode | Rate | Channel | Freq. [MHz] | Antenna | Average Conducted Output Power [dBm] | Maximum* Conducted Output Power [dBm] | Maximum* Conducted Output Power [mW] | Maximum* EIRP [dBm] | |
|--------------|-----------|---------|--------------|--------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------|-------|
| 802.11a | 6Mbps | 52 | 5260 | SISO CHAIN A | 20.30 | 20.30 | 107.15 | 25.30 | |
| | | | | SISO CHAIN B | 20.10 | 20.10 | 102.33 | 25.10 | |
| | | 56 | 5280 | SISO CHAIN A | 20.24 | 20.24 | 105.68 | 25.24 | |
| | | | | SISO CHAIN B | 20.09 | 20.09 | 102.09 | 25.09 | |
| | | 64 | 5320 | SISO CHAIN A | 18.56 | 18.56 | 71.78 | 23.56 | |
| | | | | SISO CHAIN B | 18.40 | 18.40 | 69.18 | 23.40 | |
| 802.11n20 | HT0 | 52 | 5260 | SISO CHAIN A | 20.54 | 20.54 | 113.24 | 25.54 | |
| | | | | SISO CHAIN B | 20.22 | 20.22 | 105.20 | 25.22 | |
| | | 56 | 5280 | SISO CHAIN A | 19.23 | 19.23 | 83.75 | 24.23 | |
| | | | | SISO CHAIN B | 20.12 | 20.12 | 102.80 | 25.12 | |
| | | 64 | 5320 | SISO CHAIN A | 18.31 | 18.31 | 67.76 | 23.31 | |
| | | | | SISO CHAIN B | 18.60 | 18.60 | 72.44 | 23.60 | |
| | HT8 | 52 | 5260 | MIMO CHAIN A | 18.35 | 18.52 | 71.19 | 23.52 | |
| | | | | MIMO CHAIN B | 18.51 | 18.68 | 73.85 | 23.68 | |
| | | | | Combined A+B | 21.44 | 21.61 | 145.04 | 26.61 | |
| | | 56 | 5280 | MIMO CHAIN A | 18.30 | 18.52 | 71.19 | 23.52 | |
| | | | | MIMO CHAIN B | 18.37 | 18.54 | 71.50 | 23.54 | |
| | | | | Combined A+B | 21.37 | 21.54 | 142.70 | 26.54 | |
| | 64 | 5320 | MIMO CHAIN A | 14.92 | 15.08 | 32.24 | 20.08 | | |
| | | | MIMO CHAIN B | 14.76 | 14.93 | 31.14 | 19.93 | | |
| | | | Combined A+B | 17.85 | 18.02 | 63.38 | 23.02 | | |
| | 802.11n40 | HT0 | 54F | 5270 | SISO CHAIN A | 20.47 | 20.62 | 115.42 | 25.62 |
| | | | | | SISO CHAIN B | 20.45 | 20.59 | 114.55 | 25.59 |
| | | | 62F | 5310 | SISO CHAIN A | 13.38 | 13.53 | 22.56 | 18.53 |
| SISO CHAIN B | | | | | 13.18 | 13.32 | 21.48 | 18.32 | |
| HT8 | | 54F | 5270 | MIMO CHAIN A | 18.06 | 18.41 | 69.34 | 23.41 | |
| | | | | MIMO CHAIN B | 18.30 | 18.66 | 73.44 | 23.66 | |
| | | | | Combined A+B | 21.19 | 21.55 | 142.79 | 26.55 | |
| | | 62F | 5310 | MIMO CHAIN A | 12.03 | 12.38 | 17.30 | 17.38 | |
| | | | | MIMO CHAIN B | 12.29 | 12.65 | 18.41 | 17.65 | |
| | | | | Combined A+B | 15.17 | 15.53 | 35.70 | 20.53 | |
| 802.11ac80 | VHT0 | 58ac80 | 5290 | SISO CHAIN A | 12.93 | 13.22 | 21.00 | 18.22 | |
| | | | | SISO CHAIN B | 12.37 | 12.68 | 18.52 | 17.68 | |
| | | | | MIMO CHAIN A | 10.07 | 10.66 | 11.65 | 15.66 | |
| | | | | MIMO CHAIN B | 10.20 | 10.82 | 12.09 | 15.82 | |
| | | | | Combined A+B | 13.15 | 13.75 | 23.73 | 18.75 | |

* Maximum values are the duty cycle compensated values calculated from the average (measured) values

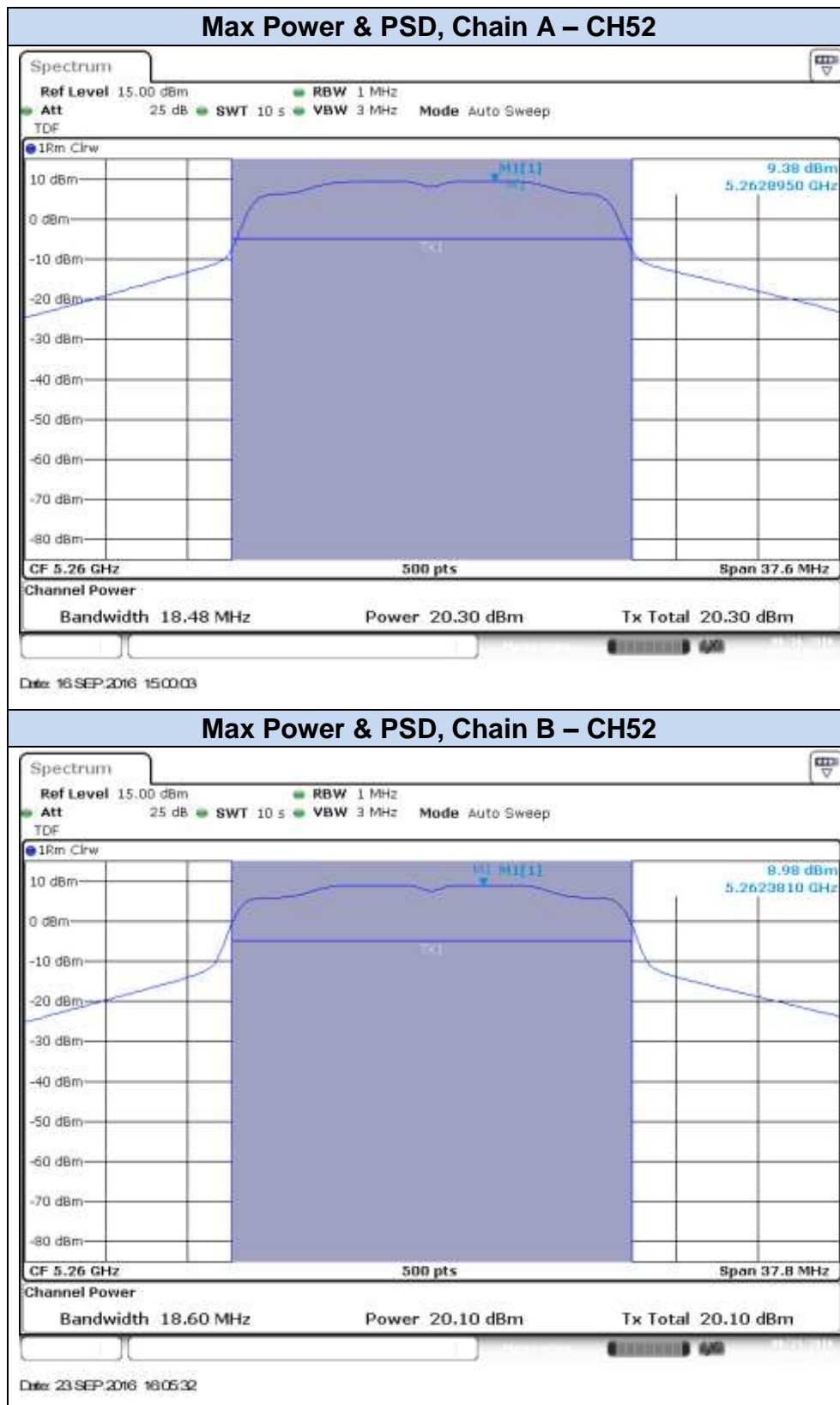
Max Value

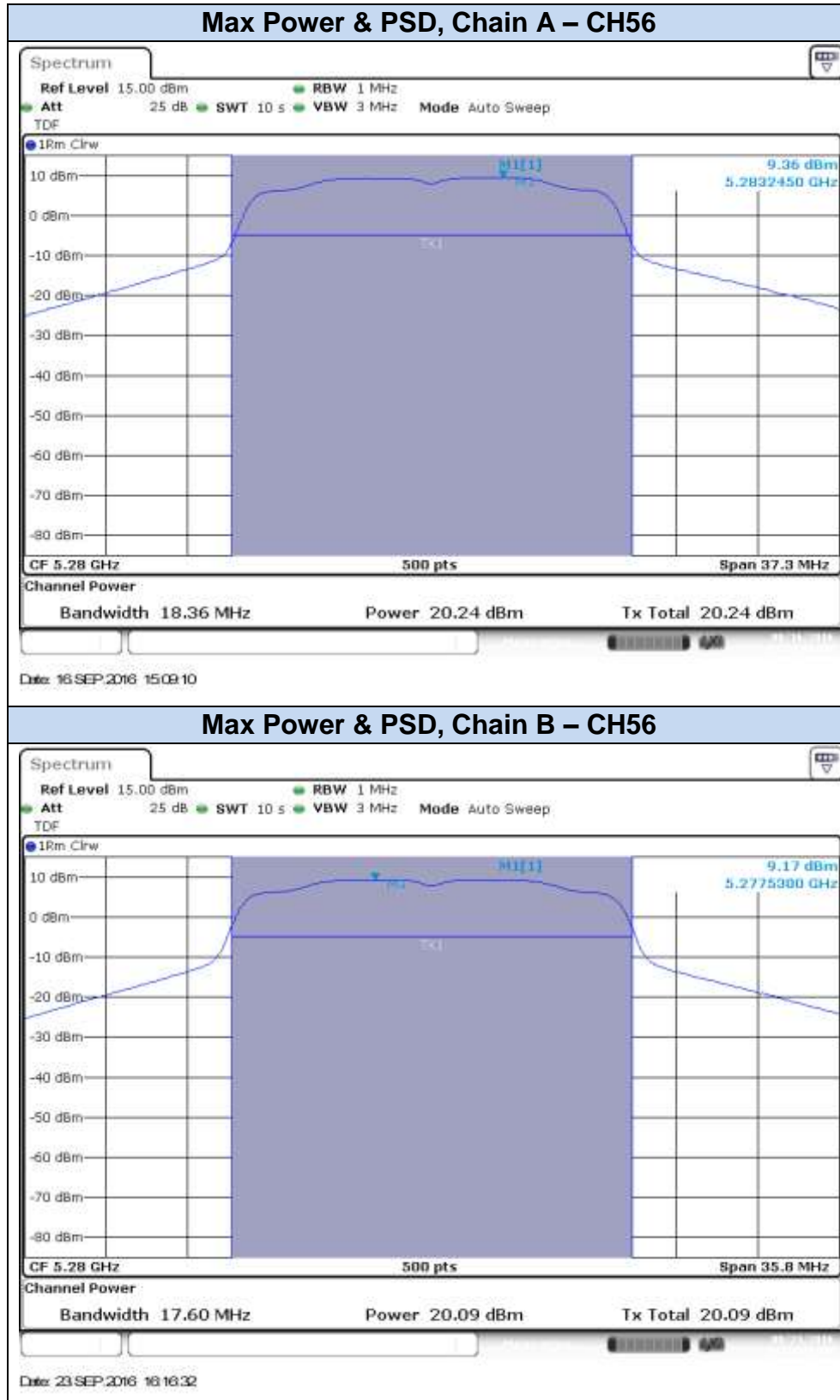
Min Value

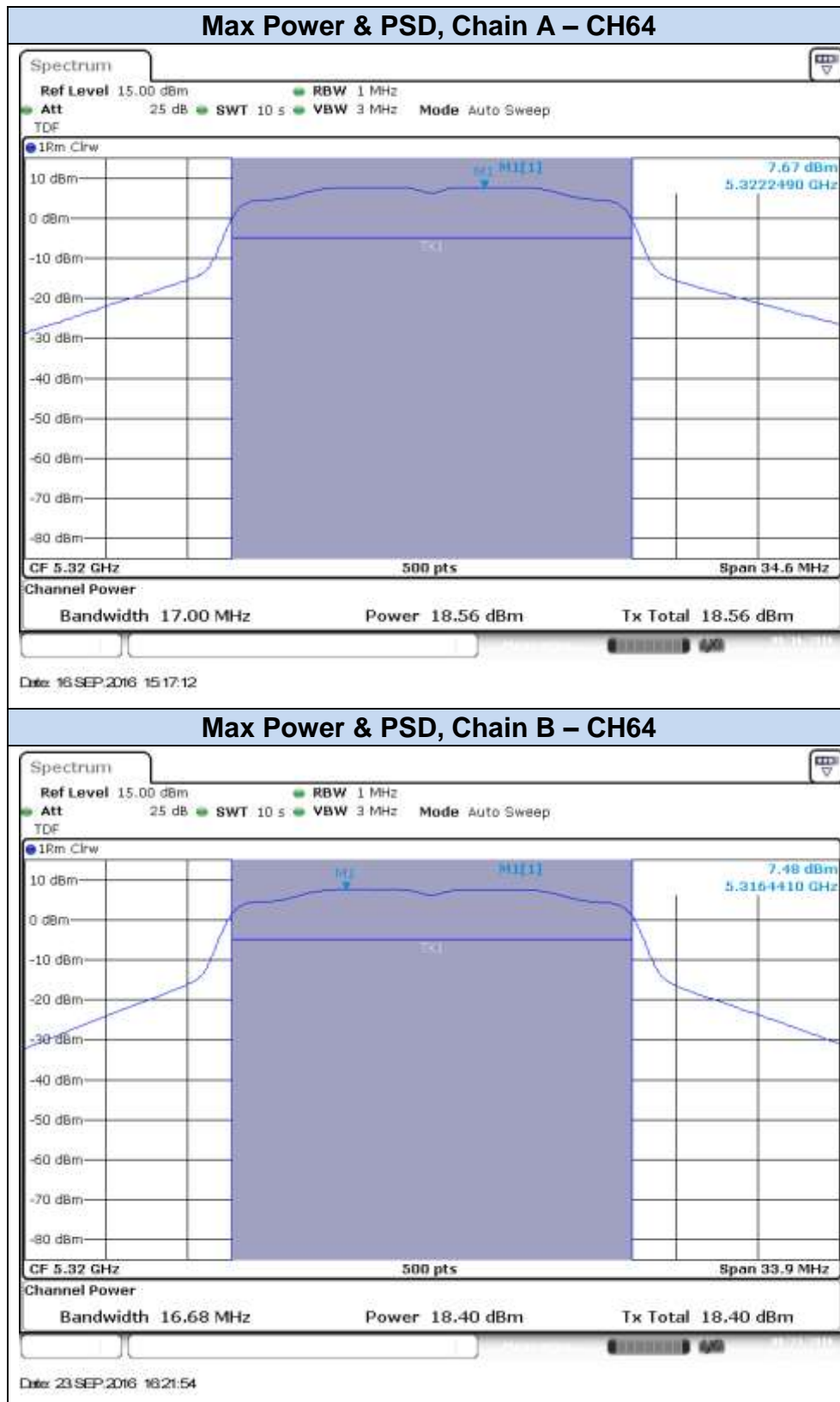
Maximum Power Spectral Density (PSD)

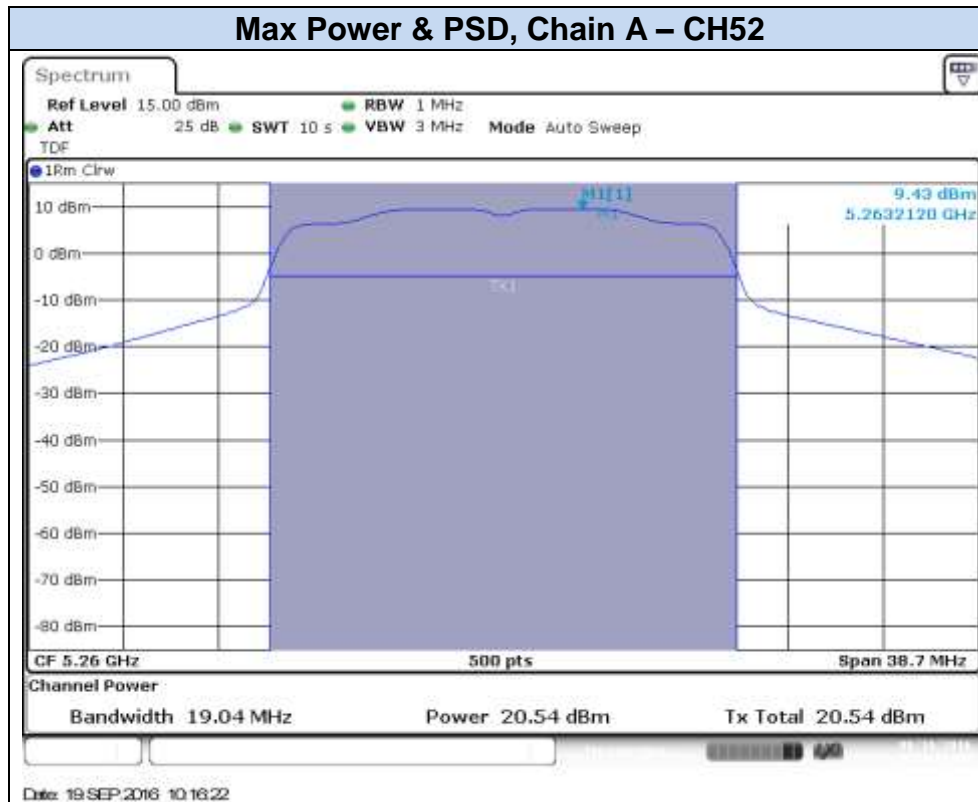
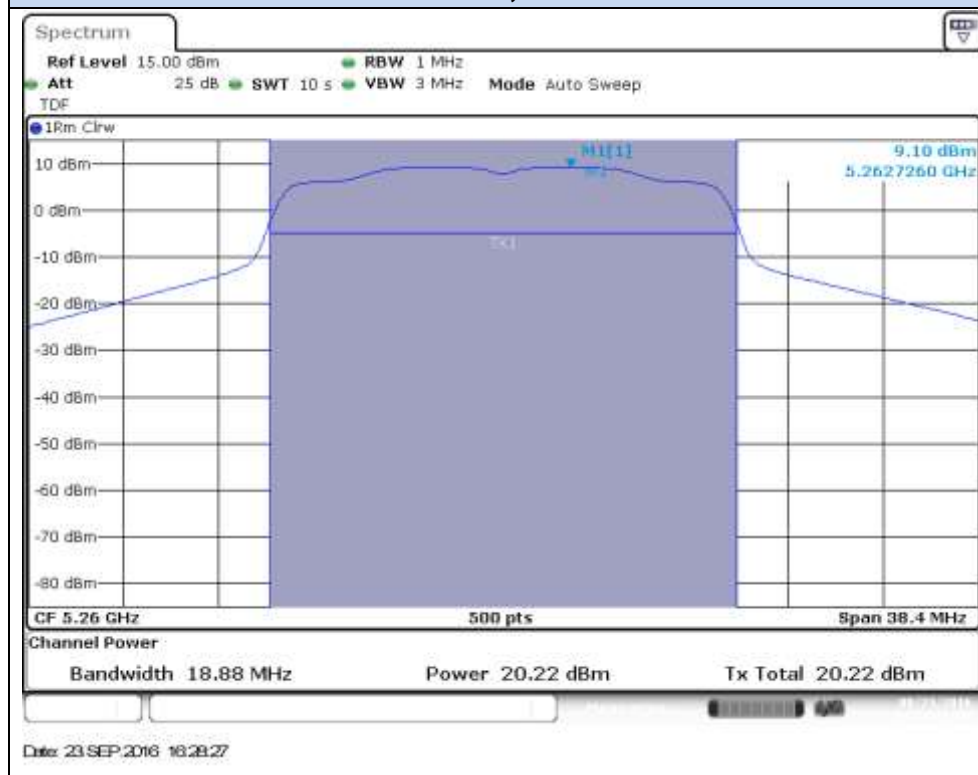
| Mode | Rate | Channel | Freq. [MHz] | Antenna | Average conducted PSD [dBm/MHz] | Maximum* conducted PSD [dBm/MHz] | |
|--------------|-----------|---------|--------------|--------------|---------------------------------|----------------------------------|-------|
| 802.11a | 6Mbps | 52 | 5260 | SISO CHAIN A | 9.38 | 9.38 | |
| | | | | SISO CHAIN B | 8.98 | 8.98 | |
| | | 56 | 5300 | SISO CHAIN A | 9.36 | 9.36 | |
| | | | | SISO CHAIN B | 9.17 | 9.13 | |
| | | 64 | 5320 | SISO CHAIN A | 7.67 | 7.67 | |
| | | | | SISO CHAIN B | 7.48 | 7.48 | |
| 802.11n20 | HT0 | 52 | 5260 | SISO CHAIN A | 9.43 | 9.43 | |
| | | | | SISO CHAIN B | 9.10 | 9.10 | |
| | | 56 | 5300 | SISO CHAIN A | 8.19 | 8.19 | |
| | | | | SISO CHAIN B | 8.98 | 8.99 | |
| | | 64 | 5320 | SISO CHAIN A | 7.25 | 7.25 | |
| | | | | SISO CHAIN B | 7.52 | 7.52 | |
| | HT8 | 52 | 5260 | MIMO CHAIN A | 7.29 | 7.46 | |
| | | | | MIMO CHAIN B | 7.44 | 7.61 | |
| | | | | Combined A+B | 10.38 | 10.55 | |
| | | 56 | 5300 | MIMO CHAIN A | 7.27 | 7.46 | |
| | | | | MIMO CHAIN B | 7.31 | 7.48 | |
| | | | | Combined A+B | 10.31 | 10.48 | |
| | 64 | 5320 | MIMO CHAIN A | 3.89 | 4.06 | | |
| | | | MIMO CHAIN B | 3.70 | 3.87 | | |
| | | | Combined A+B | 6.81 | 6.98 | | |
| | 802.11n40 | HT0 | 54F | 5270 | SISO CHAIN A | 6.15 | 6.30 |
| | | | | | SISO CHAIN B | 6.12 | 6.26 |
| | | | 62F | 5310 | SISO CHAIN A | -0.92 | -0.77 |
| SISO CHAIN B | | | | | -1.25 | -1.11 | |
| HT8 | | 54F | 5270 | MIMO CHAIN A | 3.70 | 4.06 | |
| | | | | MIMO CHAIN B | 3.95 | 4.31 | |
| | | | | Combined A+B | 6.84 | 7.20 | |
| | | 62F | 5310 | MIMO CHAIN A | -2.33 | -1.99 | |
| | | | | MIMO CHAIN B | -1.99 | -1.63 | |
| | | | | Combined A+B | 0.85 | 1.20 | |
| 802.11ac80 | VHT0 | 58ac80 | 5290 | SISO CHAIN A | -4.17 | -3.88 | |
| | | | | SISO CHAIN B | -4.69 | -4.38 | |
| | | | | MIMO CHAIN A | -6.96 | -6.34 | |
| | | | | MIMO CHAIN B | -6.70 | -6.08 | |
| | | | | Combined A+B | -3.80 | -3.20 | |

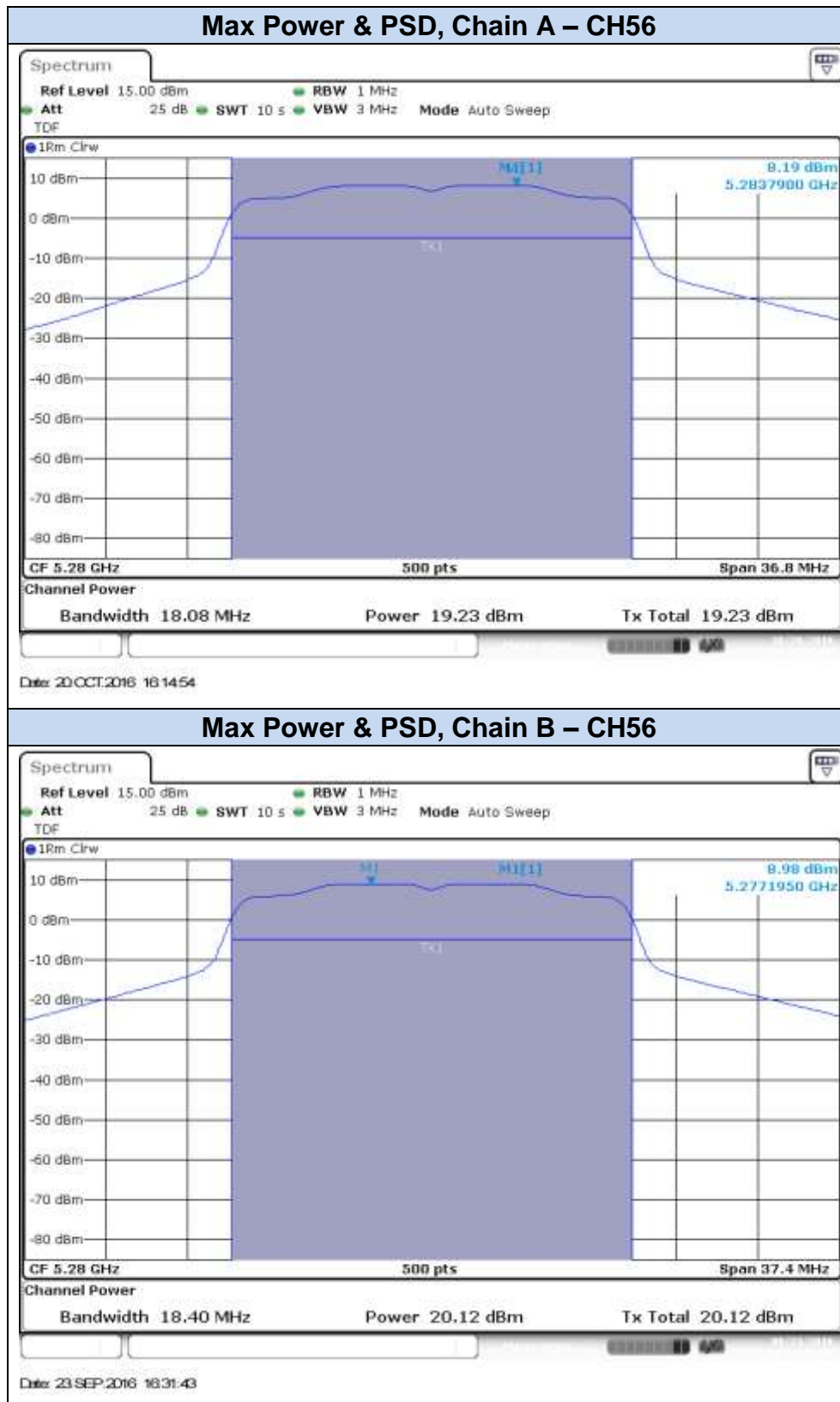
* Maximum values are the duty cycle compensated values calculated from the measured average values

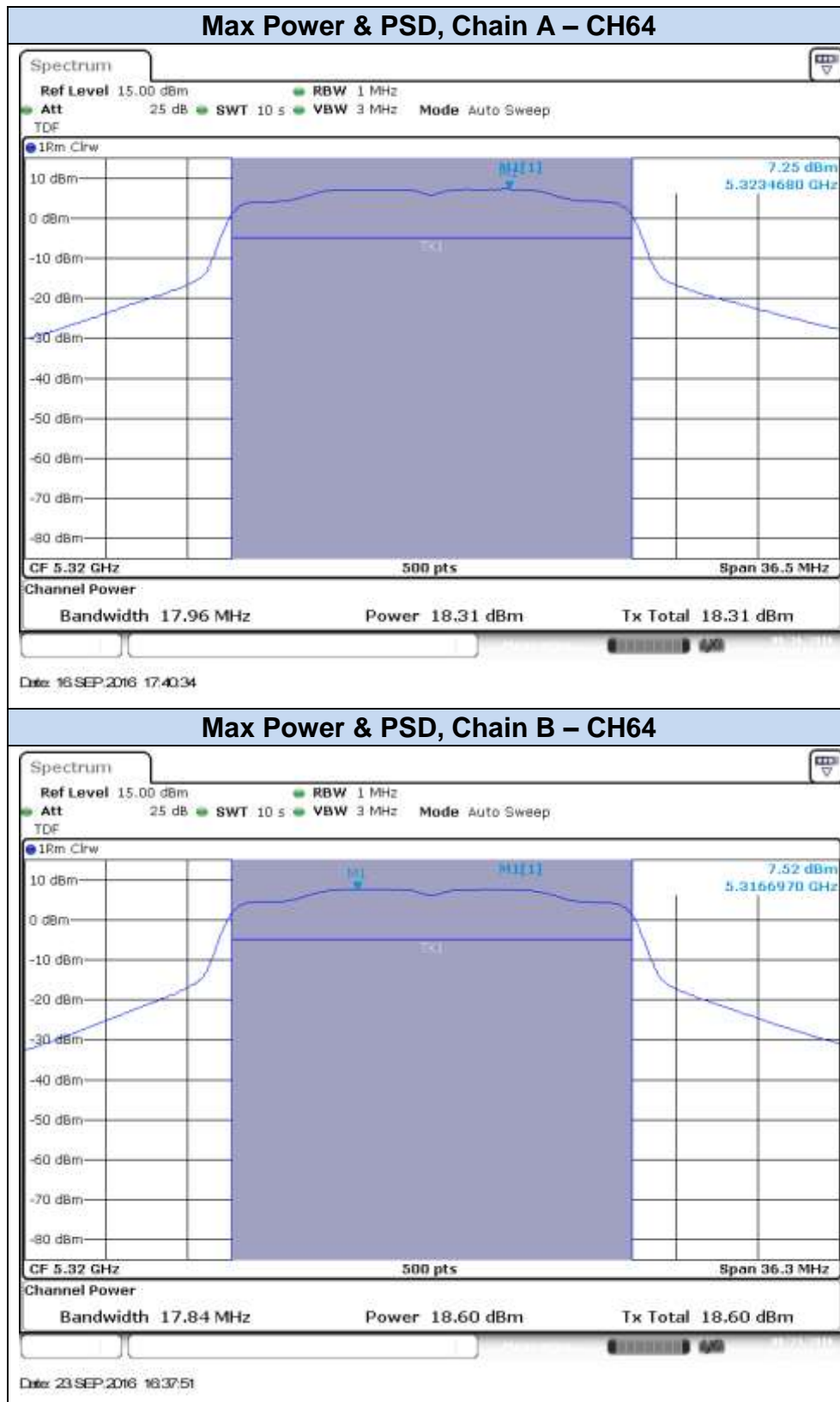
Results screenshot:**802.11a, 6Mbps**

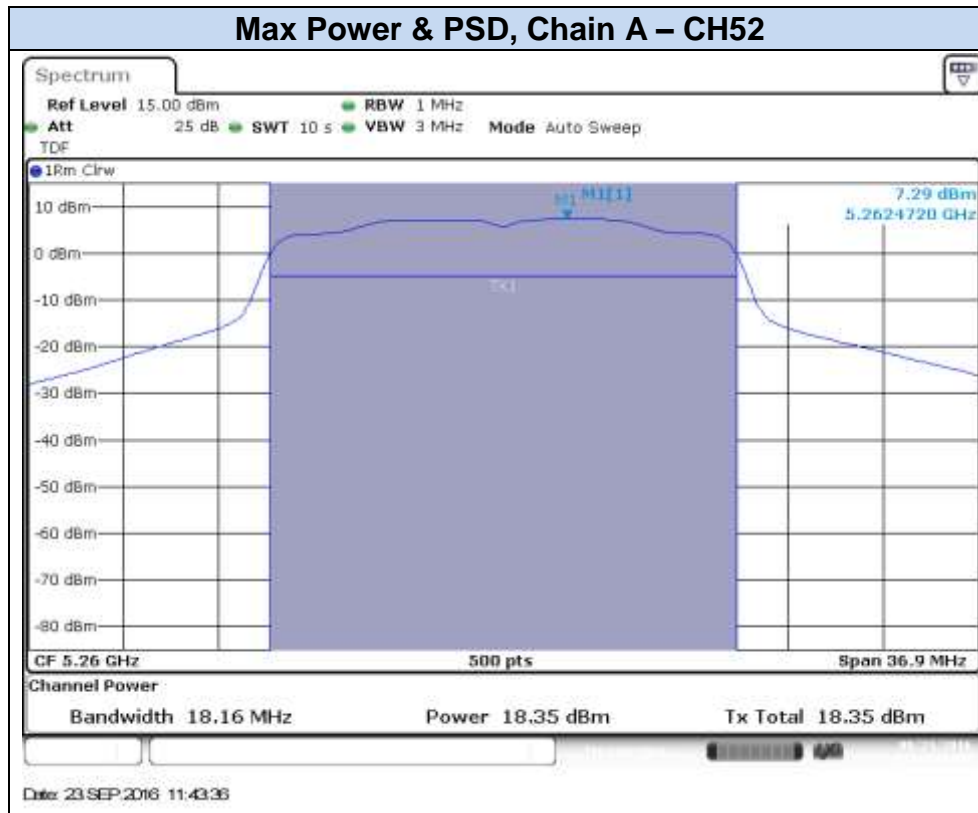
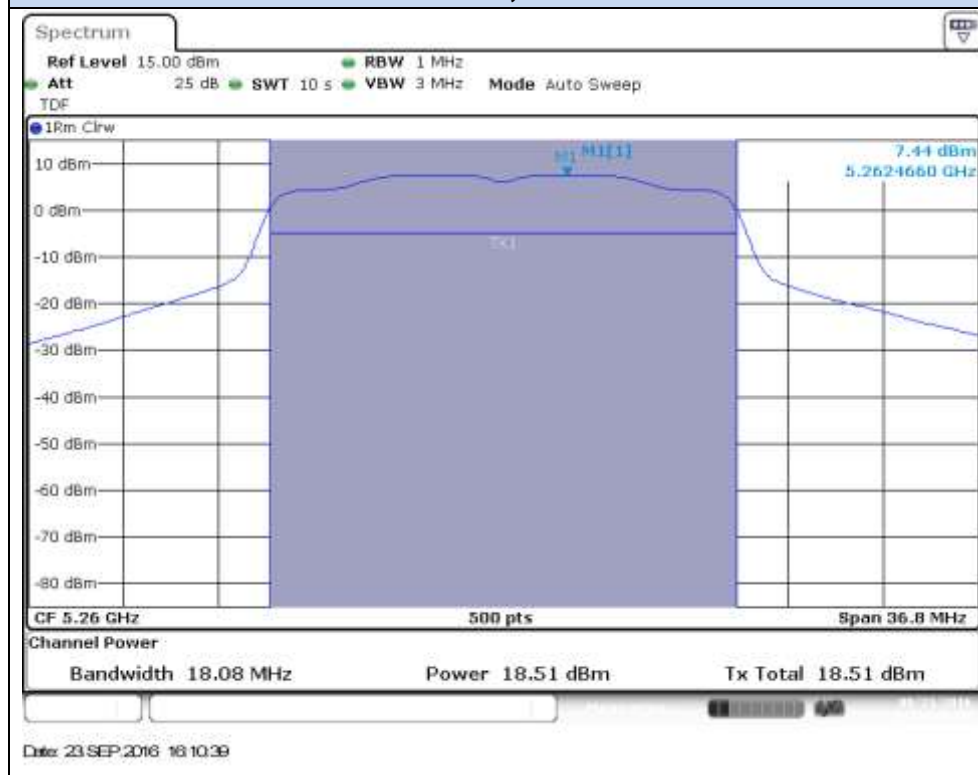


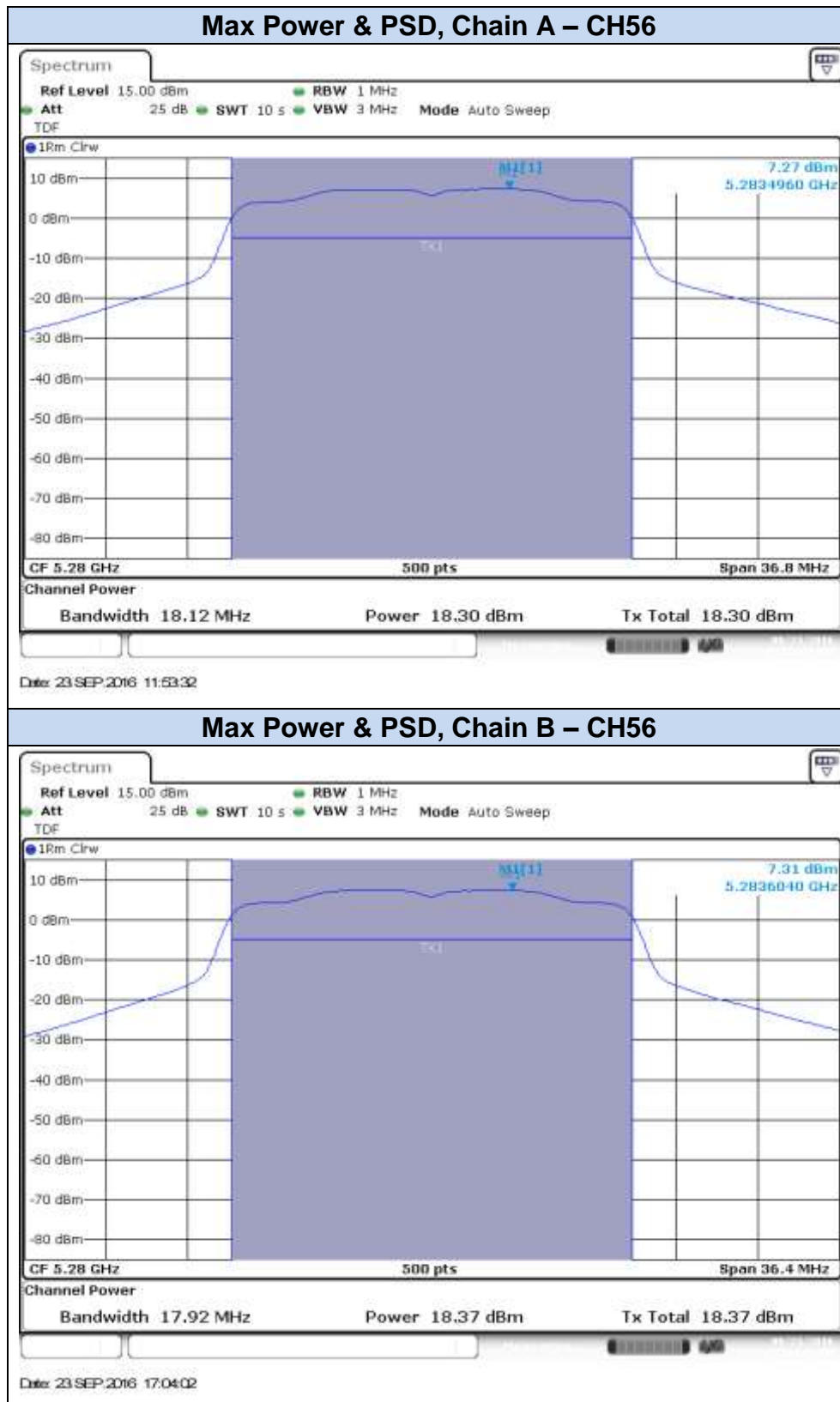


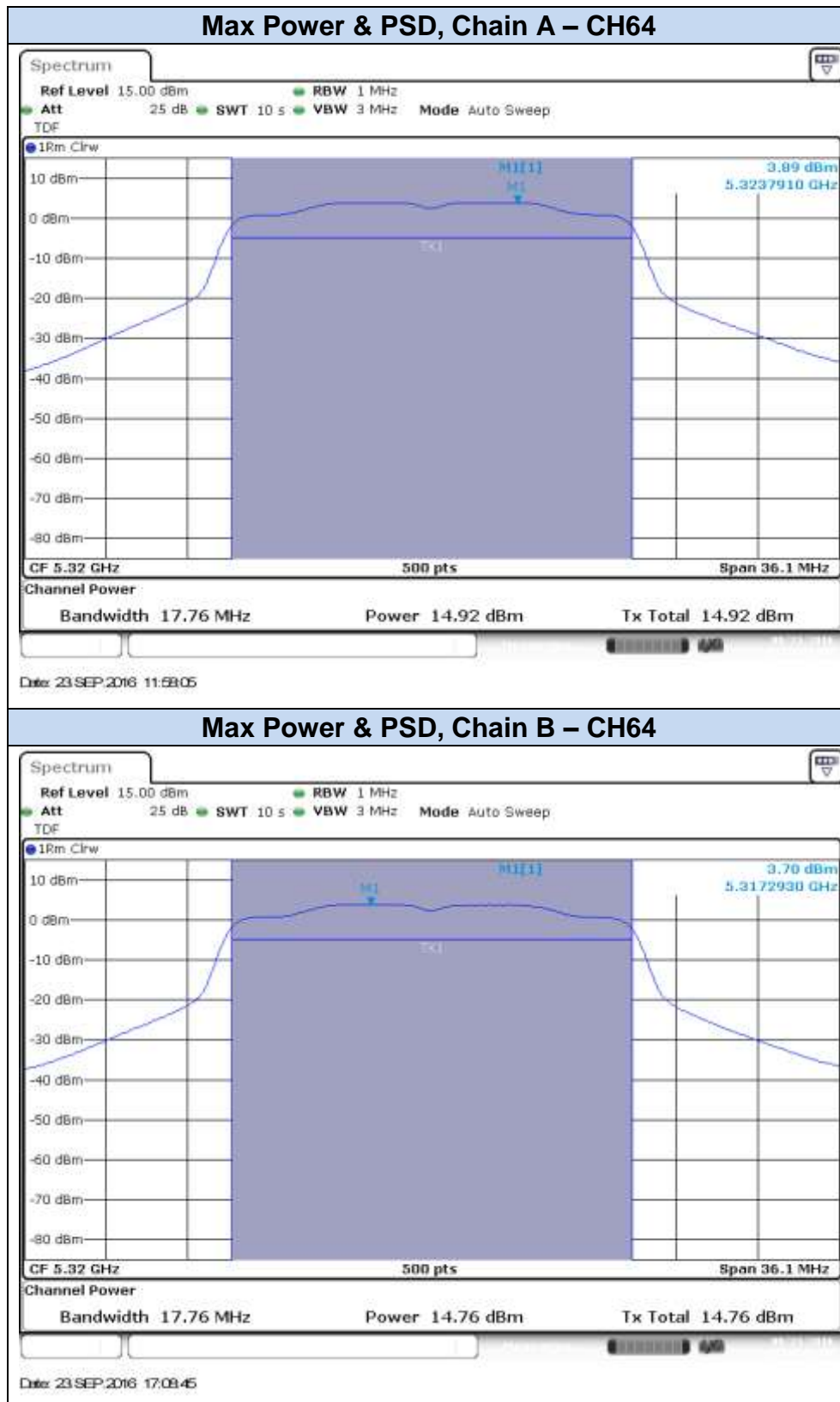
802.11n20, HT0 (SISO)**Max Power & PSD, Chain A – CH52****Max Power & PSD, Chain B – CH52**

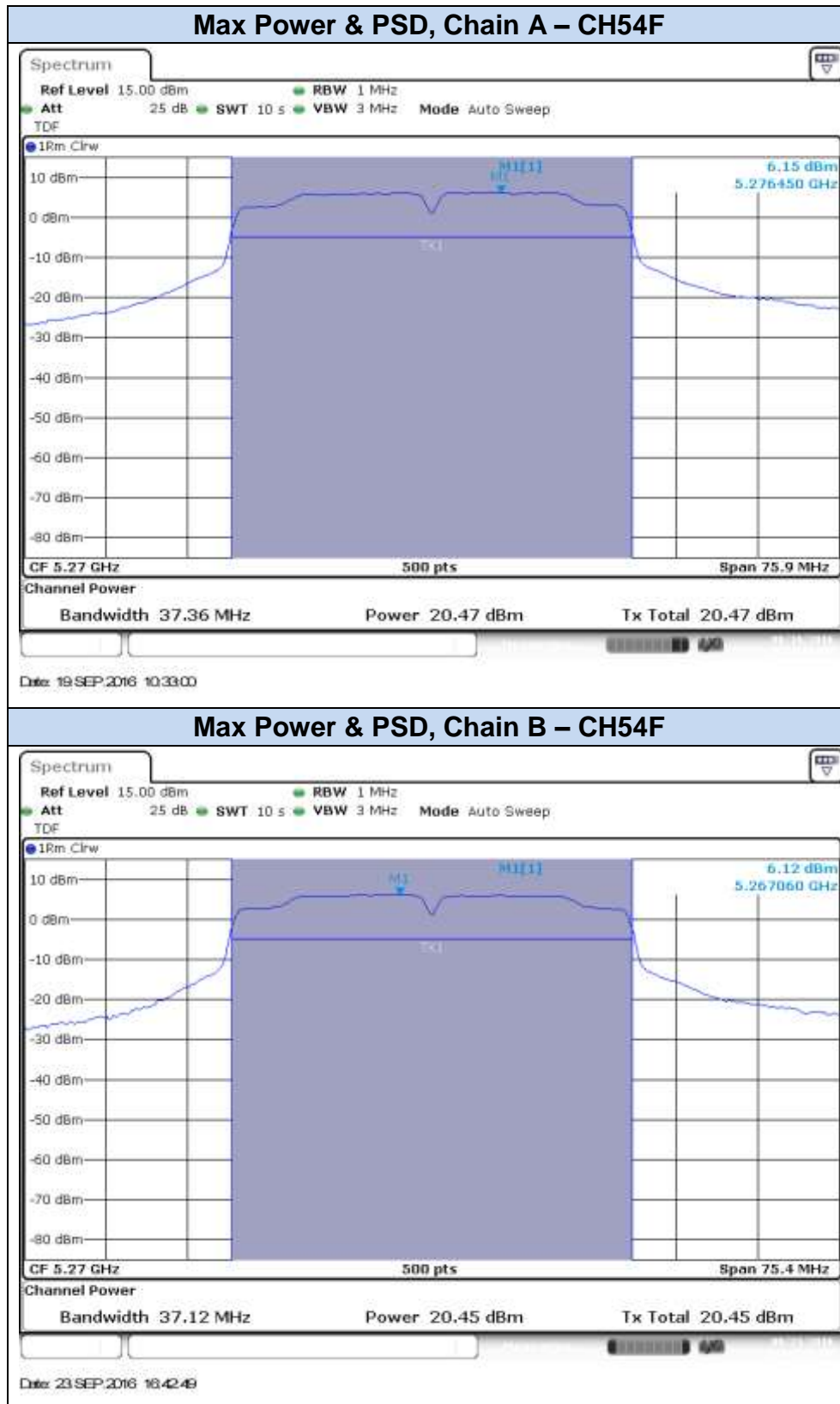


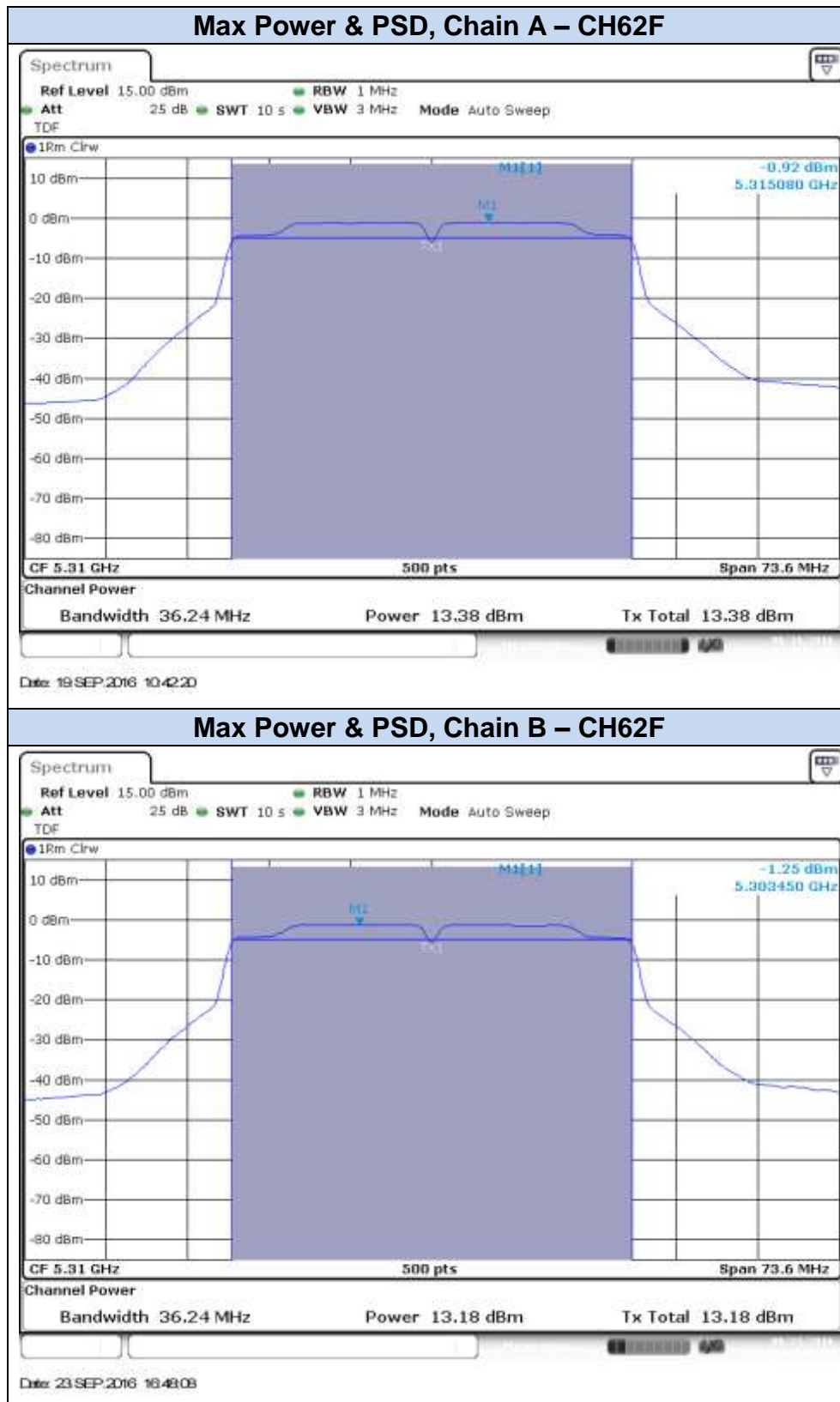


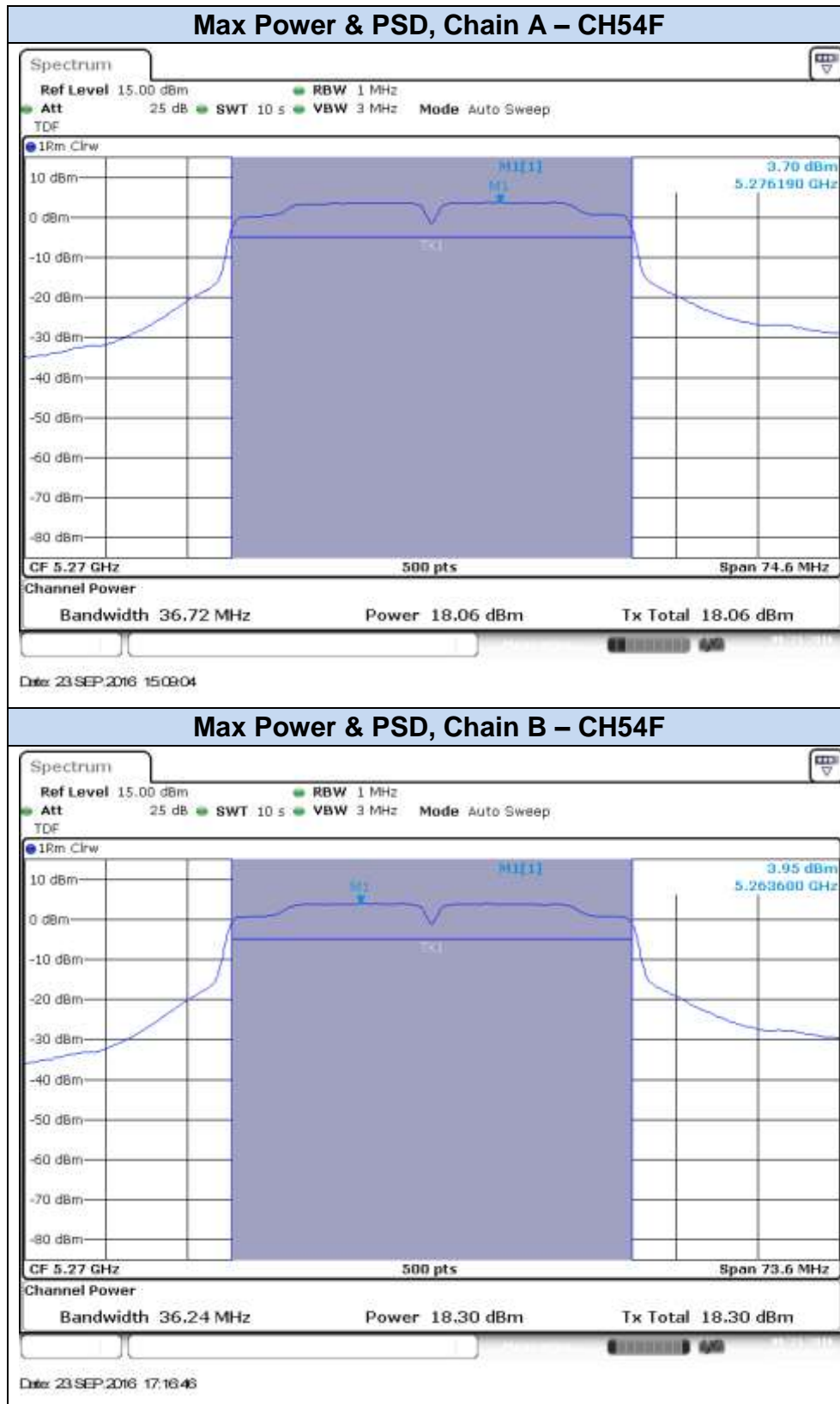
802.11n20, HT8 (MIMO)**Max Power & PSD, Chain A – CH52****Max Power & PSD, Chain B – CH52**

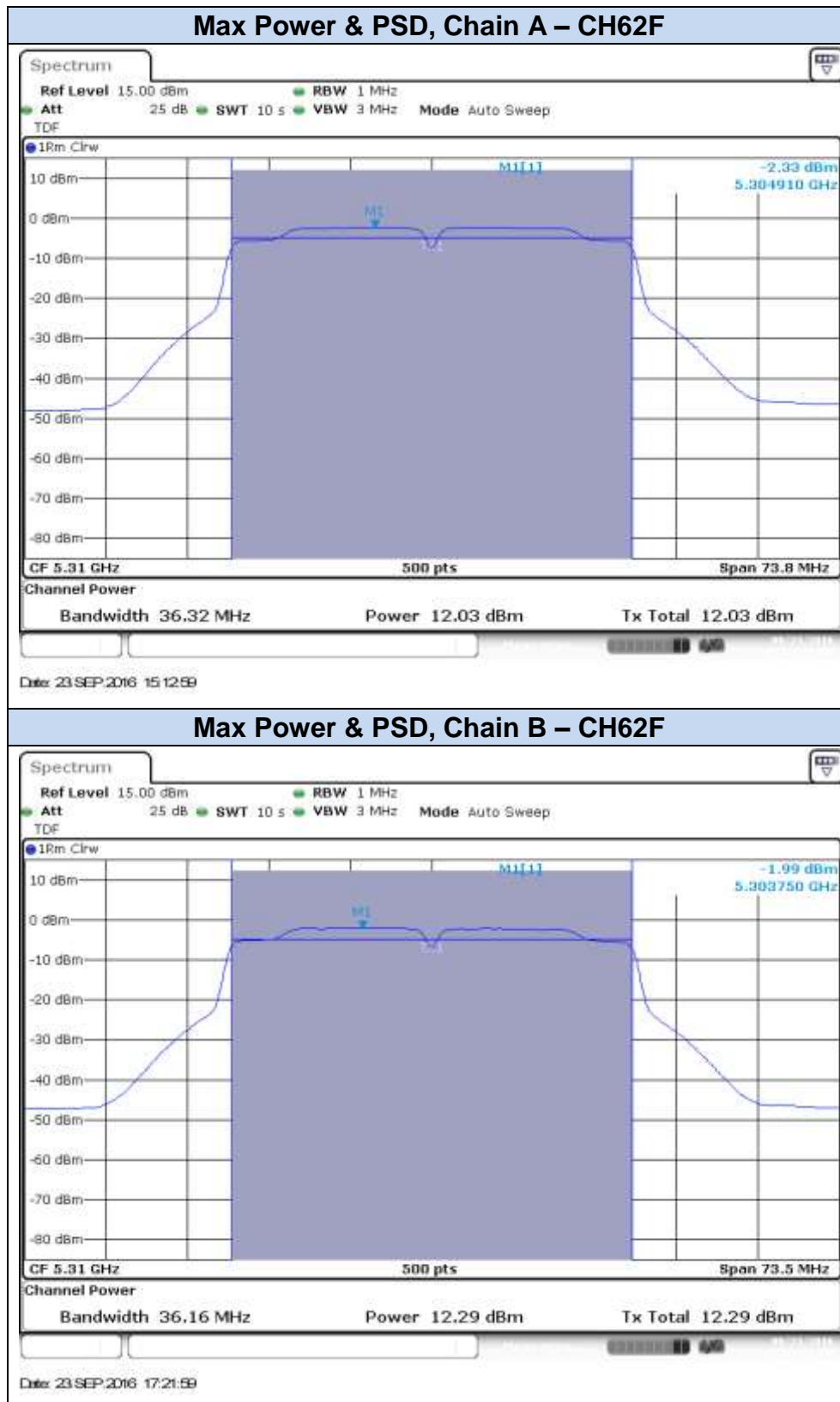




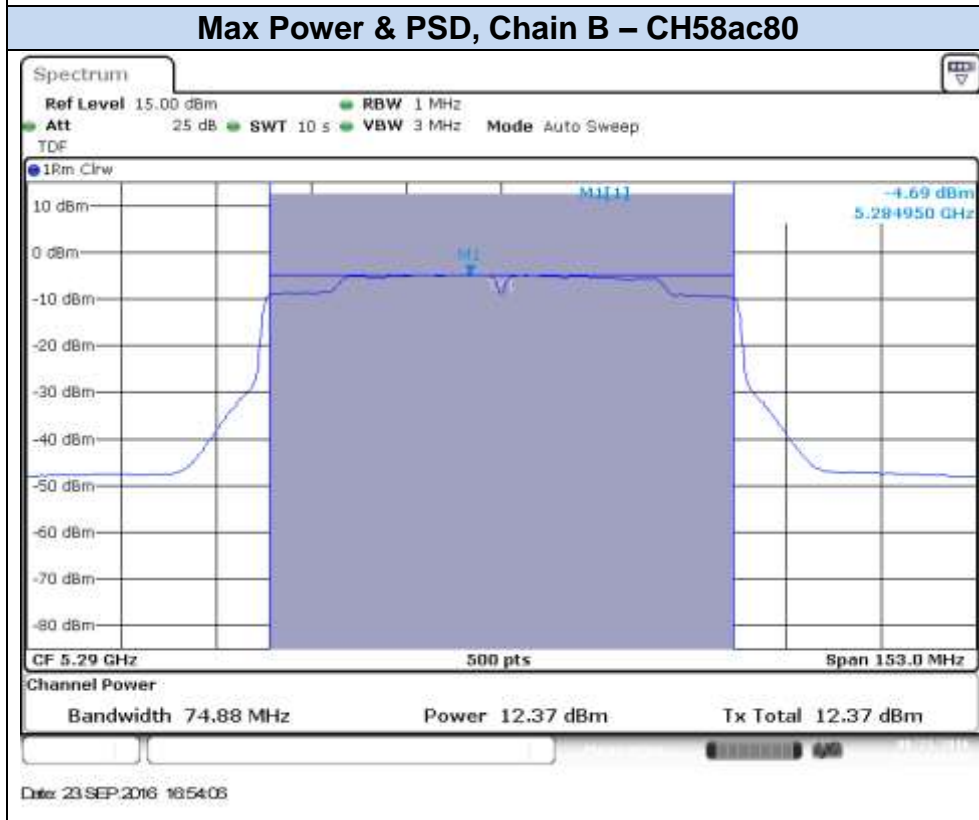
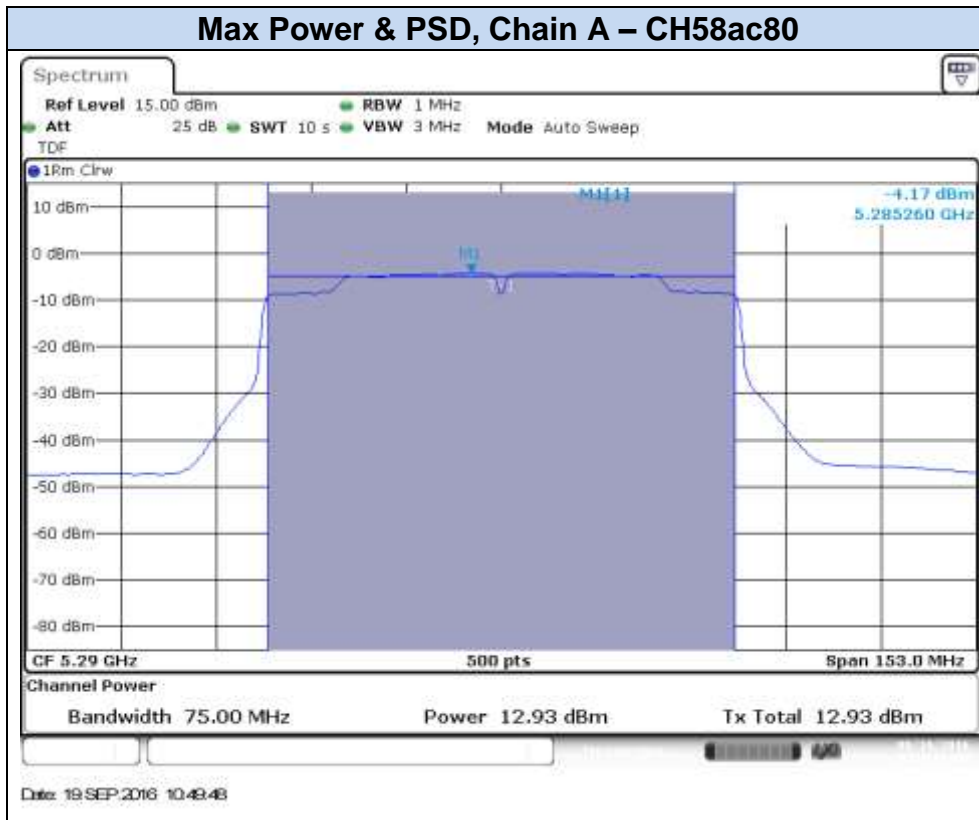
802.11n40, HT0 (SISO)

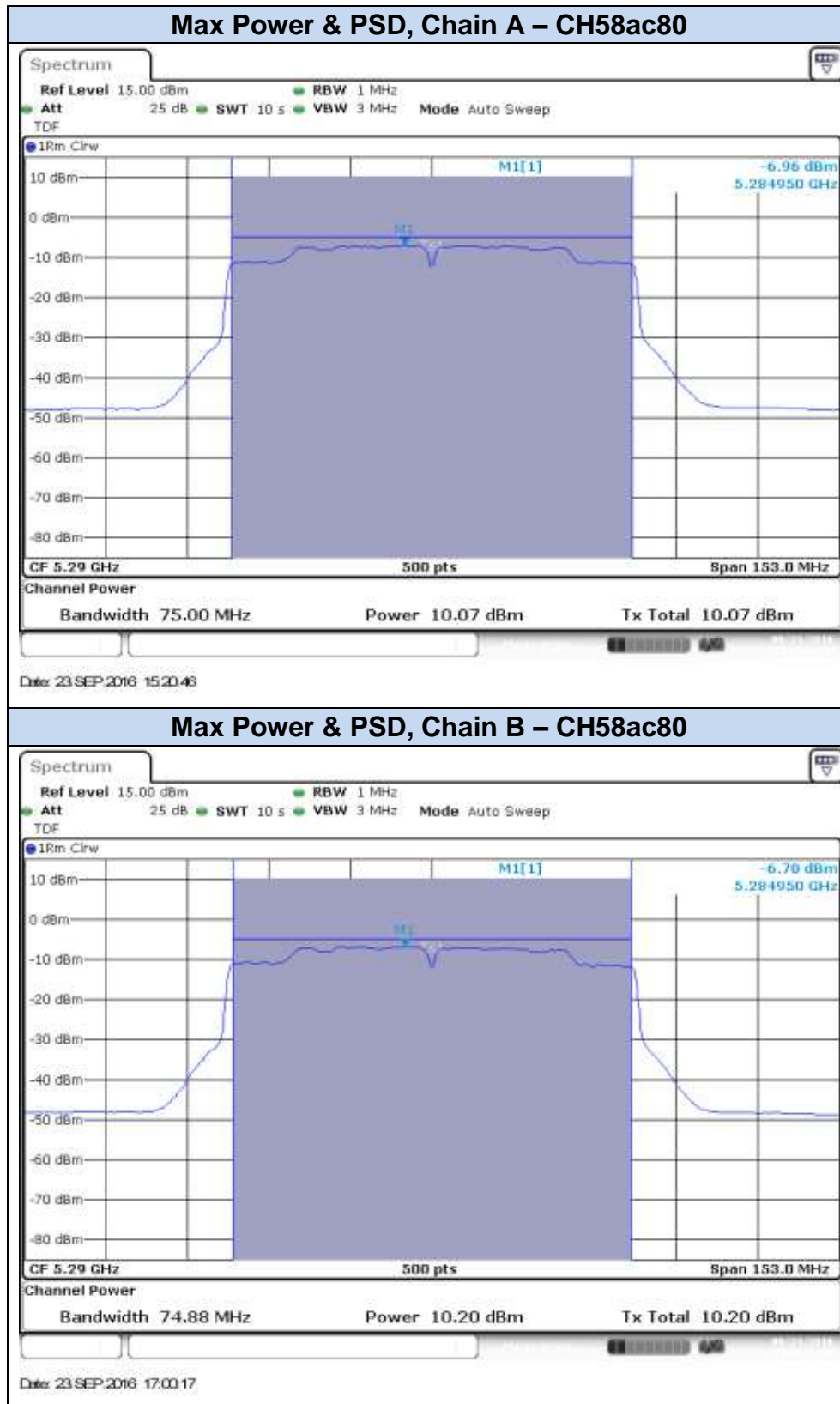


802.11n40, HT8 (MIMO)



802.11ac80, VHT0 (SISO)



802.11ac80, VHT0 (MIMO)

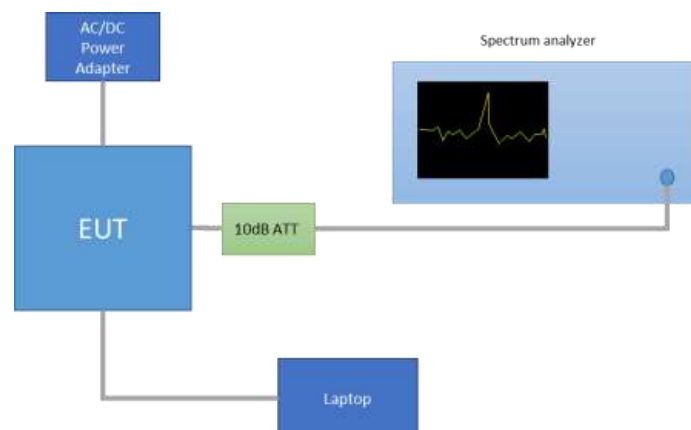
C.3 Undesirable emissions limits: Band Edge (conducted)

Test limits:

| FCC part | Limits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--|--|---|--|--------------------|-------------|----------------------|---|-----|-------------|-----------------------|---|-----|------------|----|---|----|-------|-----|----|---|--------|-----|------|---|---------|-----|----|---|-----------|-----|----|---|
| 15.407 (b) (2) | For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15.209 | <p>Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):</p> <table border="1"> <thead> <tr> <th>Freq Range (MHz)</th> <th>Field Strength ($\mu\text{V}/\text{m}$)</th> <th>Field Strength ($\text{dB}\mu\text{V}/\text{m}$)</th> <th>Meas. Distance (m)</th> </tr> </thead> <tbody> <tr> <td>0.009-0.490</td> <td>$2400/f(\text{kHz})$</td> <td>-</td> <td>300</td> </tr> <tr> <td>0.490-1.705</td> <td>$24000/f(\text{kHz})$</td> <td>-</td> <td>300</td> </tr> <tr> <td>1.705-30.0</td> <td>30</td> <td>-</td> <td>30</td> </tr> <tr> <td>30-88</td> <td>100</td> <td>40</td> <td>3</td> </tr> <tr> <td>88-216</td> <td>150</td> <td>43.5</td> <td>3</td> </tr> <tr> <td>216-960</td> <td>200</td> <td>46</td> <td>3</td> </tr> <tr> <td>Above 960</td> <td>500</td> <td>54</td> <td>3</td> </tr> </tbody> </table> <p>The emission limits shown in the above table are based on measurements employing 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. For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.</p> | Freq Range (MHz) | Field Strength ($\mu\text{V}/\text{m}$) | Field Strength ($\text{dB}\mu\text{V}/\text{m}$) | Meas. Distance (m) | 0.009-0.490 | $2400/f(\text{kHz})$ | - | 300 | 0.490-1.705 | $24000/f(\text{kHz})$ | - | 300 | 1.705-30.0 | 30 | - | 30 | 30-88 | 100 | 40 | 3 | 88-216 | 150 | 43.5 | 3 | 216-960 | 200 | 46 | 3 | Above 960 | 500 | 54 | 3 |
| Freq Range (MHz) | Field Strength ($\mu\text{V}/\text{m}$) | Field Strength ($\text{dB}\mu\text{V}/\text{m}$) | Meas. Distance (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.009-0.490 | $2400/f(\text{kHz})$ | - | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.490-1.705 | $24000/f(\text{kHz})$ | - | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.705-30.0 | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30-88 | 100 | 40 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88-216 | 150 | 43.5 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216-960 | 200 | 46 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Above 960 | 500 | 54 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Test procedure:

The setup below was used to measure undesirable emissions on the Band Edge domain. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared Antenna Gain.



Band Edge measurements in average mode on the high frequency section was done with the primary and the Video Bandwidth Method according to section G) 6) (KDB 789033 D02), with the following parameters:

- When the duty cycle is > 98 %, VBW = 10Hz
- When the duty cycle is < 98 %, VBW > 1/T, where T is defined in section II.B.1.a

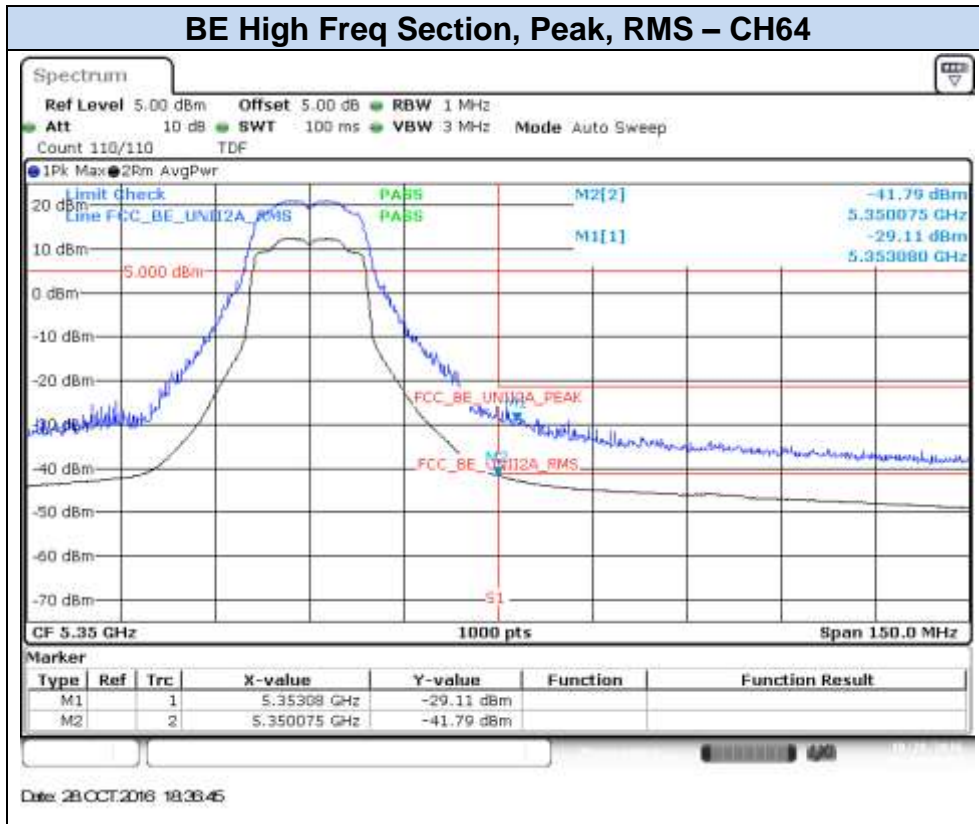
In case of Band Edge measurements falling in restricted bands, the declared Antenna Gain is also compensated in the graph. The declared maximum antenna gain is 5dBi.

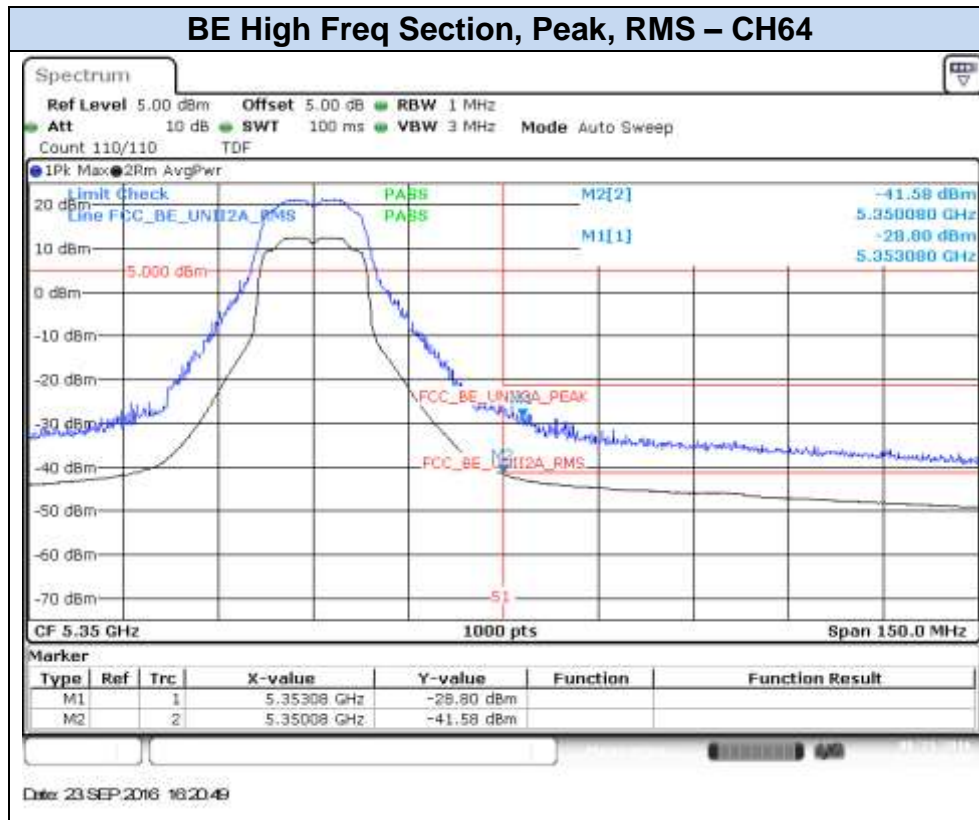
The following limits in dBm were applied for the average detector after the conversion from the limits detailed above in dB μ V/m, according to FCC 47 CFR part 15 - Subpart C – §15.209(a). The limits in dBm for peak detector are 20dB above the indicated values in the table.

| §15.209(a) | | | Converted values | |
|------------------|--------------|-----------------------------------|--------------------------------------|-------------|
| Freq Range (MHz) | Distance (m) | Field strength (microvolts/meter) | Field strength (dB microvolts/meter) | Power (dBm) |
| 960-25000 | 3 | 500 | 53.98 | -41.2 |

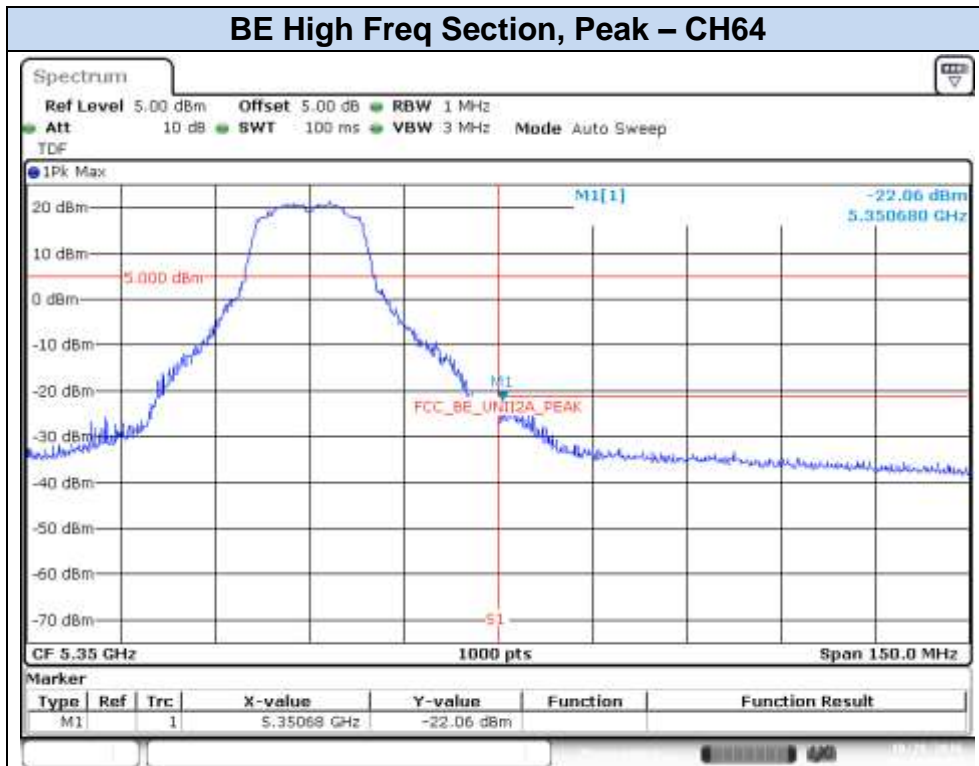
Results Screenshot:

802.11a, 6Mbps – Chain A

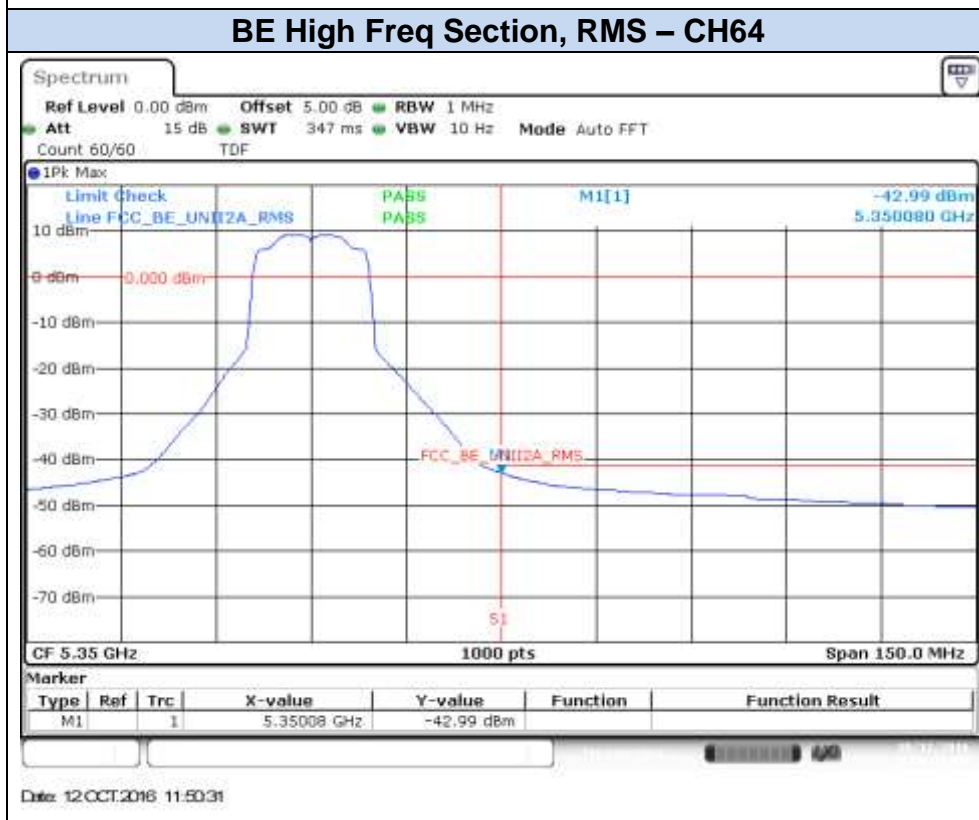


802.11a, 6Mbps – Chain B

802.11n20, HT0 (SISO) – Chain A



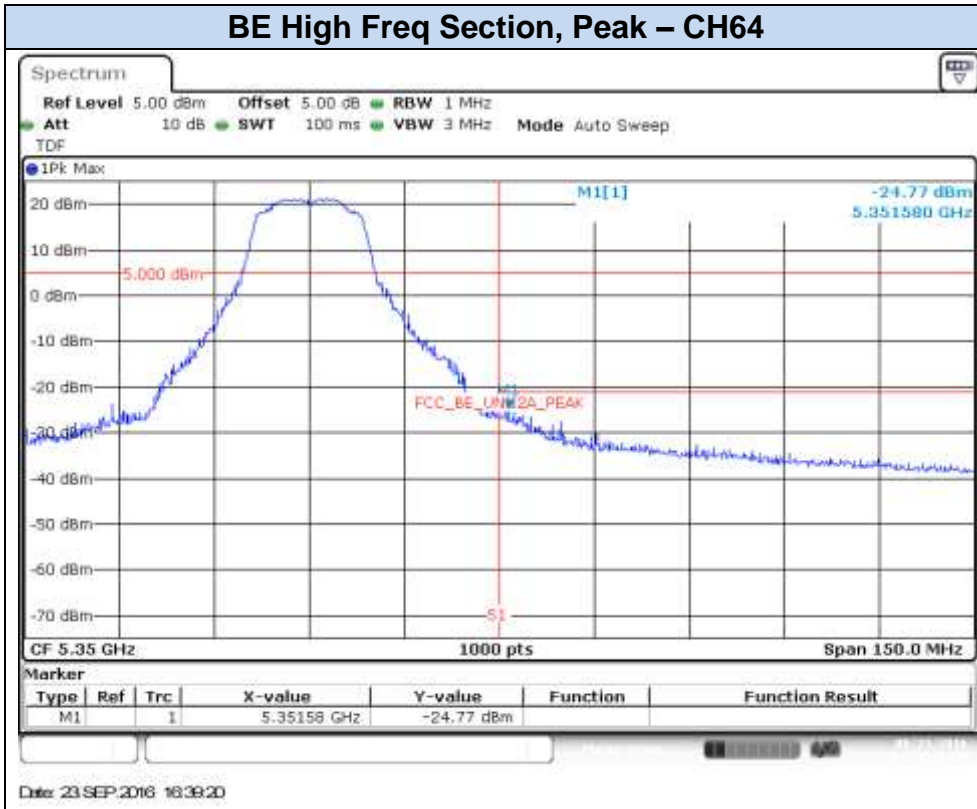
Date: 28 OCT 2016 18:48:01



Date: 12 OCT 2016 11:50:31

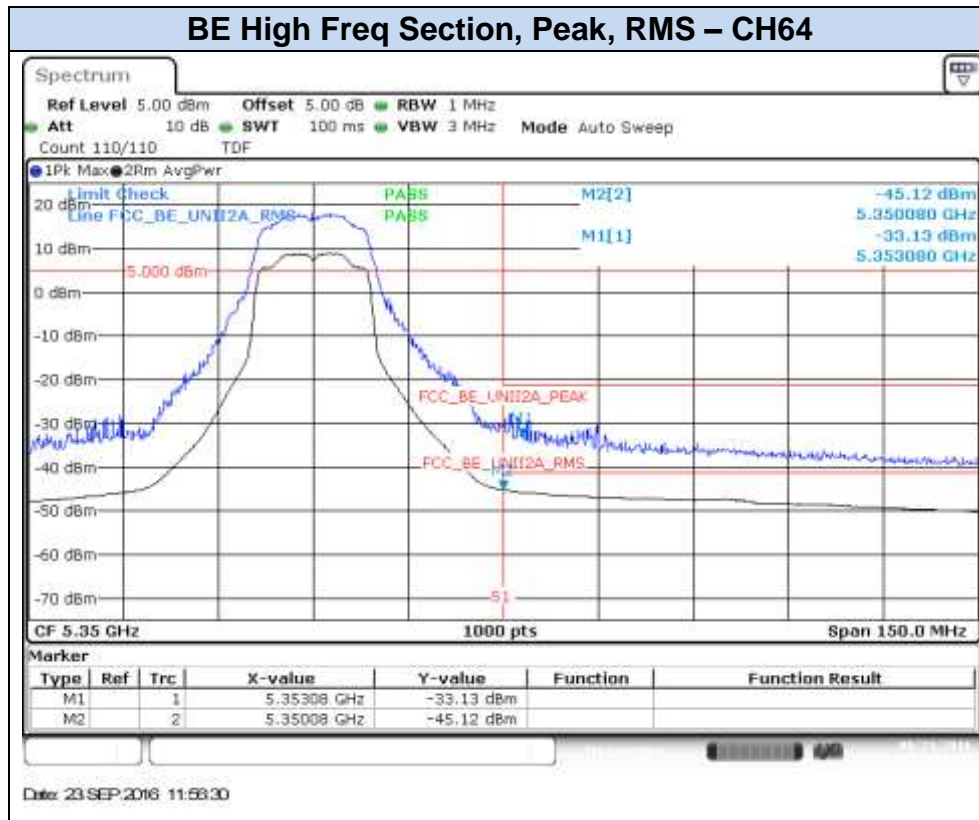
802.11n20, HT0 (SISO) – Chain B

BE High Freq Section, Peak – CH64

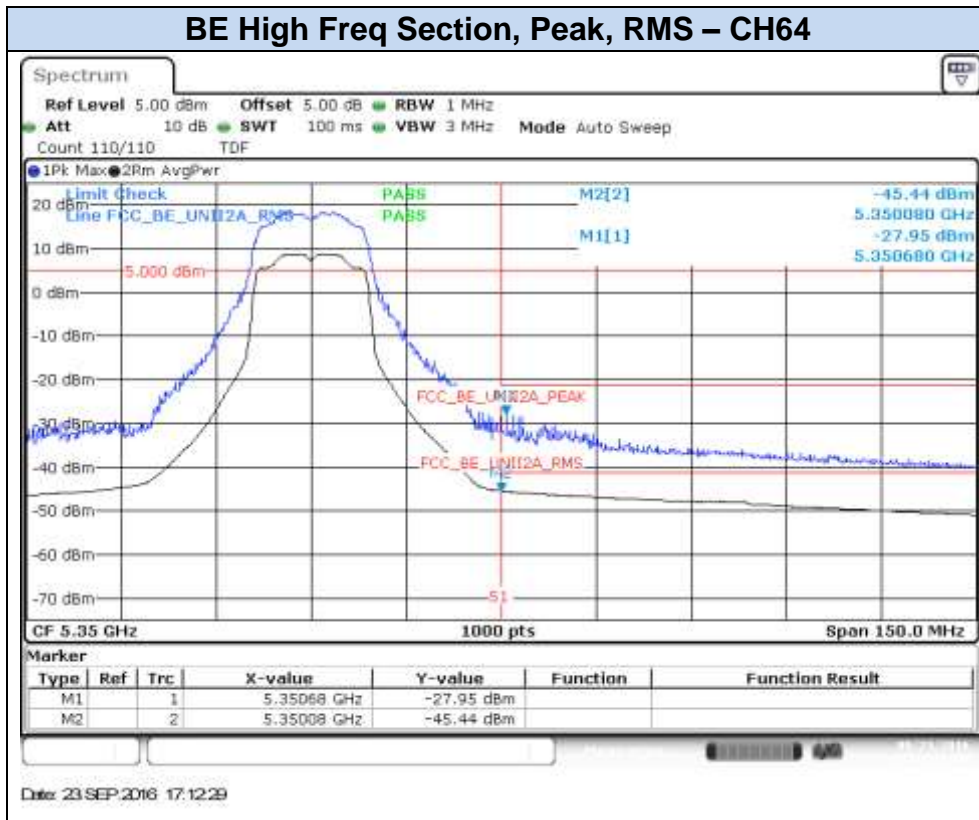


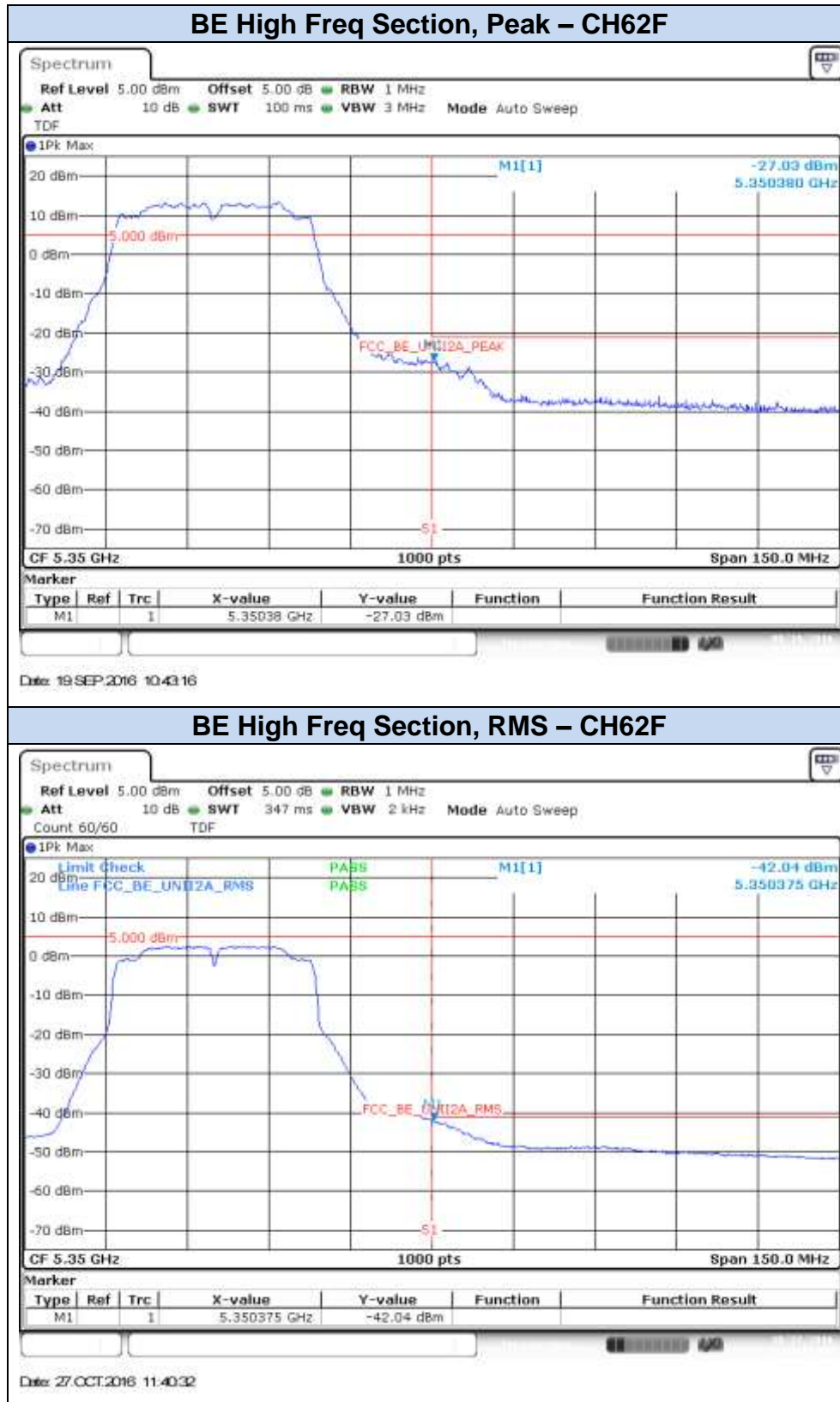
BE High Freq Section, RMS – CH64

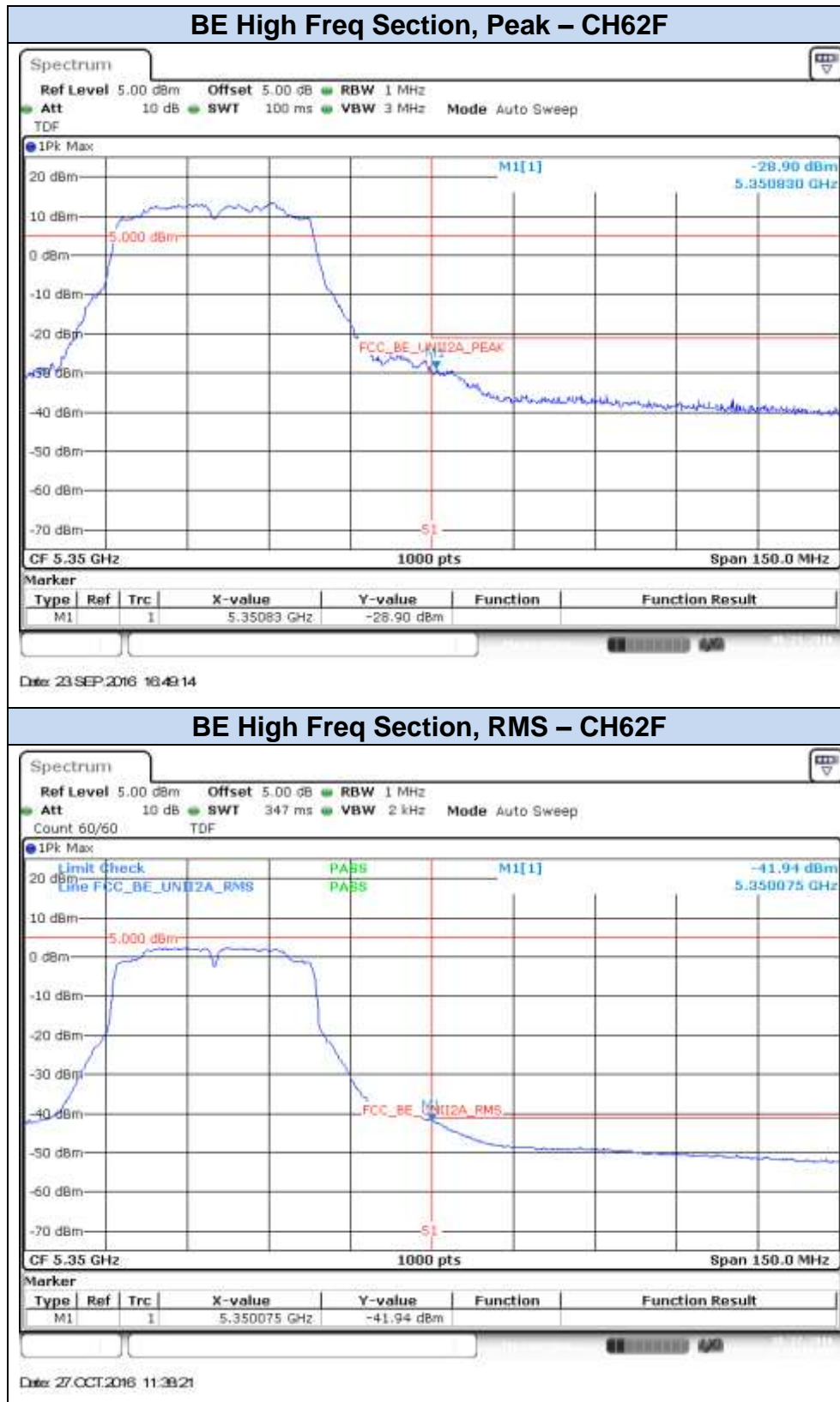


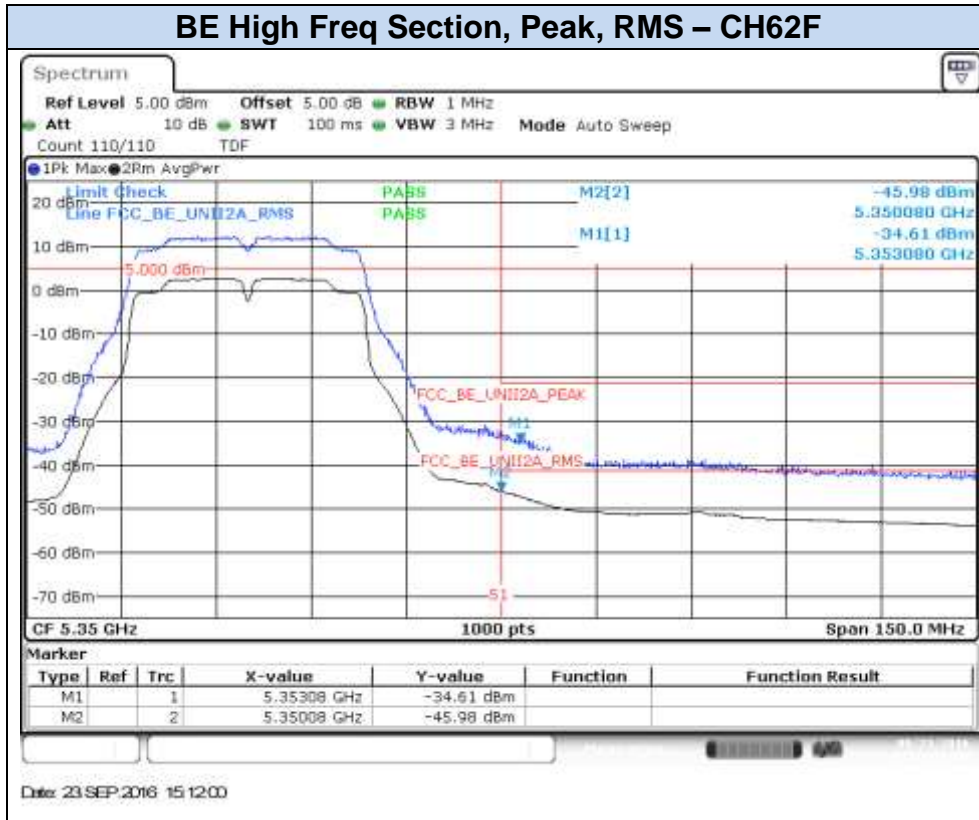
802.11n20, HT8 (MIMO) – Chain A

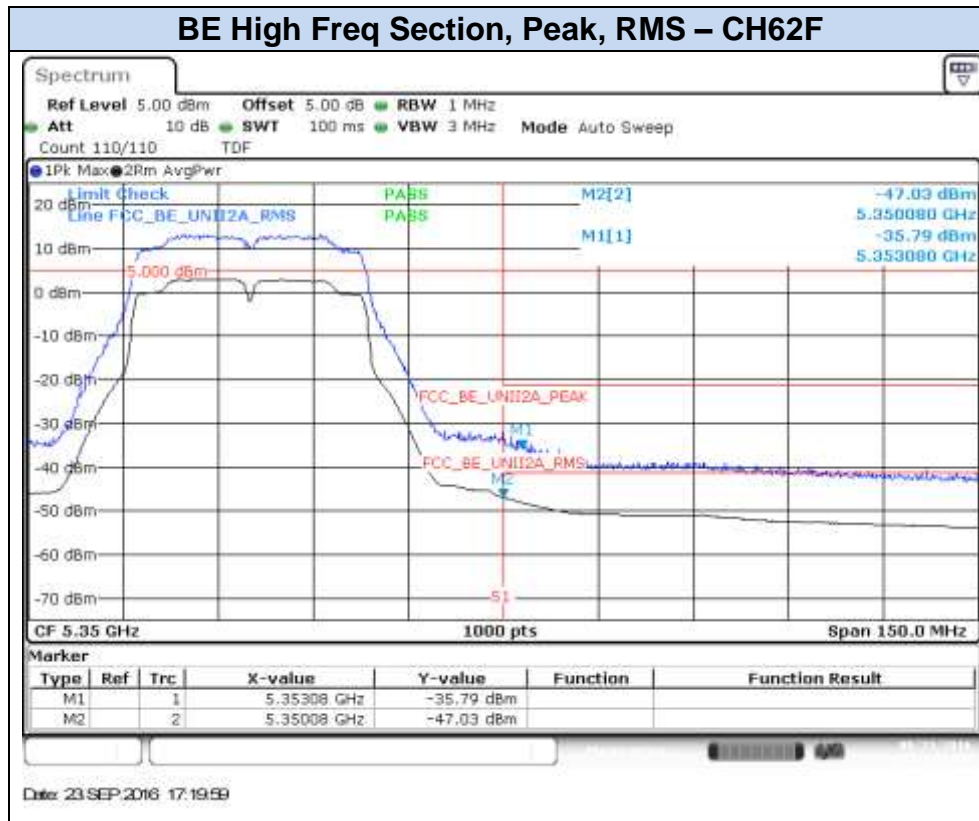
802.11n20, HT8 (MIMO) – Chain B

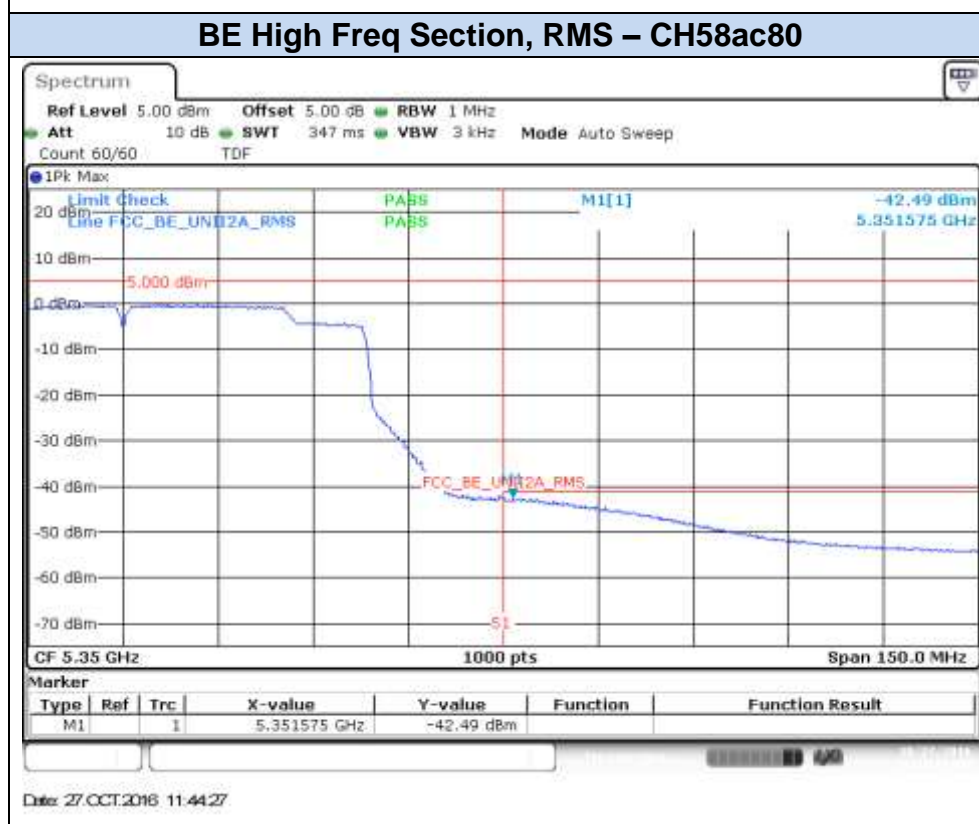
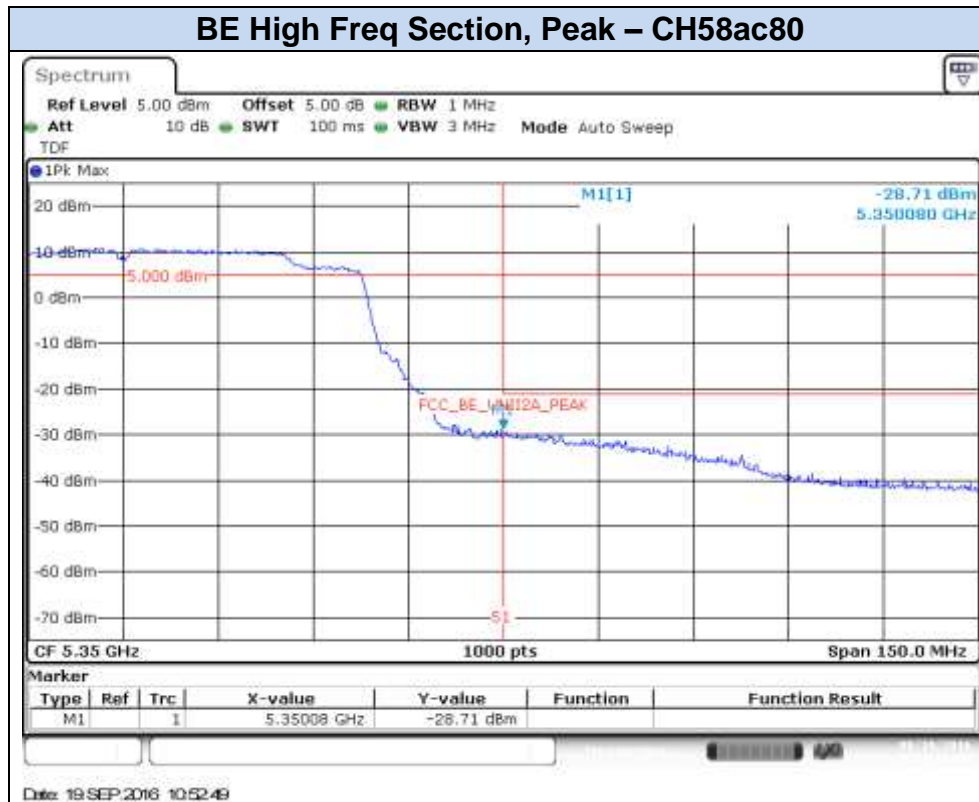


802.11n40, HT0 (SISO) – Chain A

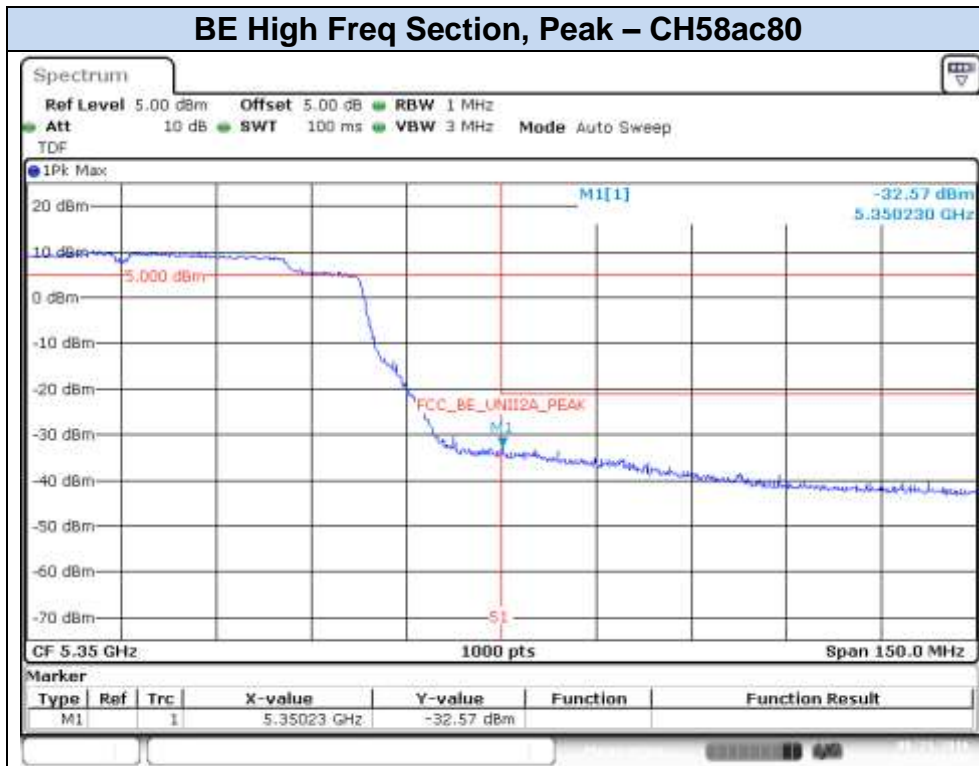
802.11n40, HT0 (SISO) – Chain B

802.11n40, HT8 (MIMO) – Chain A

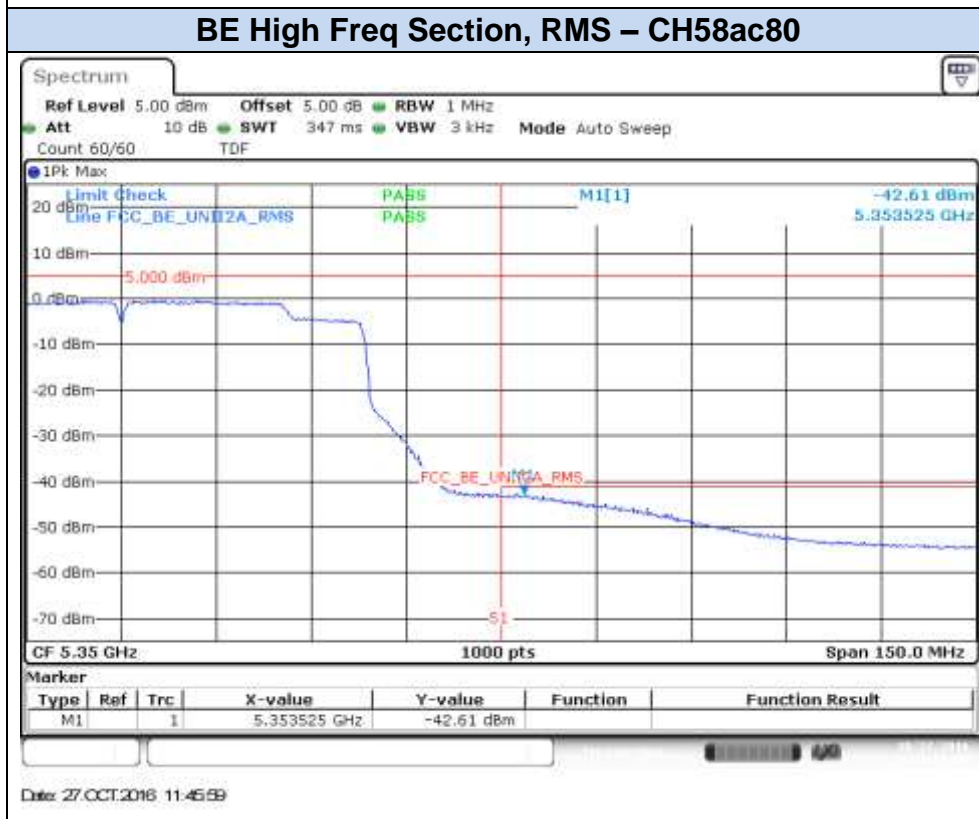
802.11n40, HT8 (MIMO) – Chain B

802.11ac80, VHT0 (SISO)- Chain A

802.11ac80, VHT0 (SISO)- Chain B

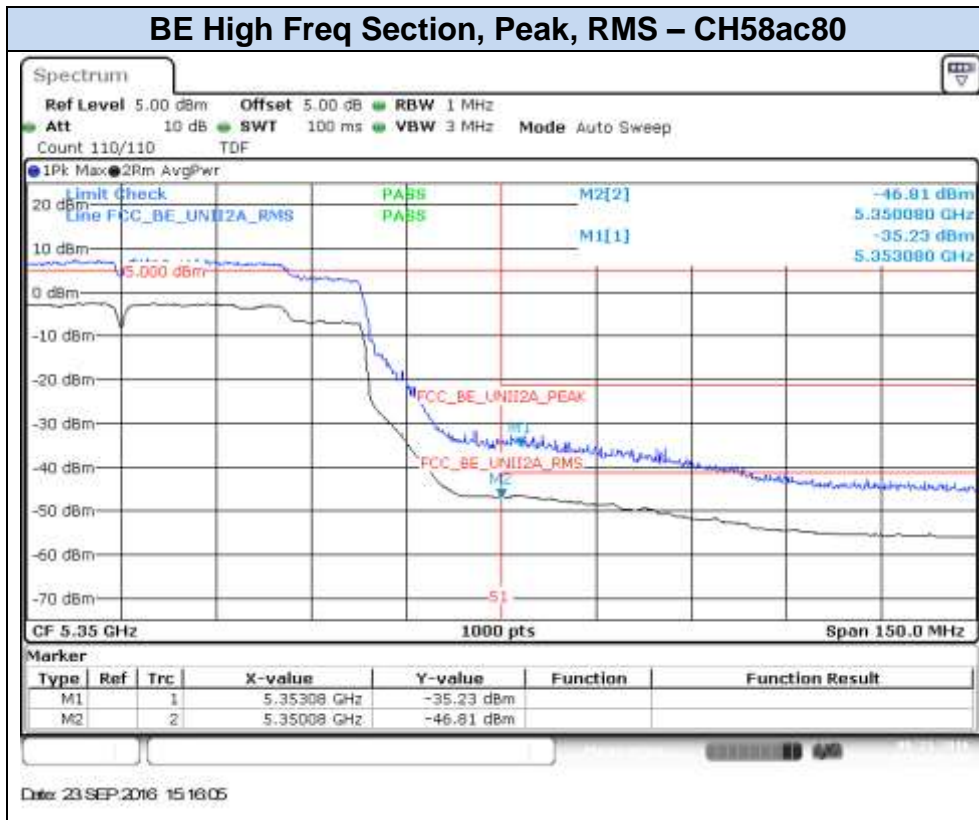


Date: 23 SEP 2016 16:55:22

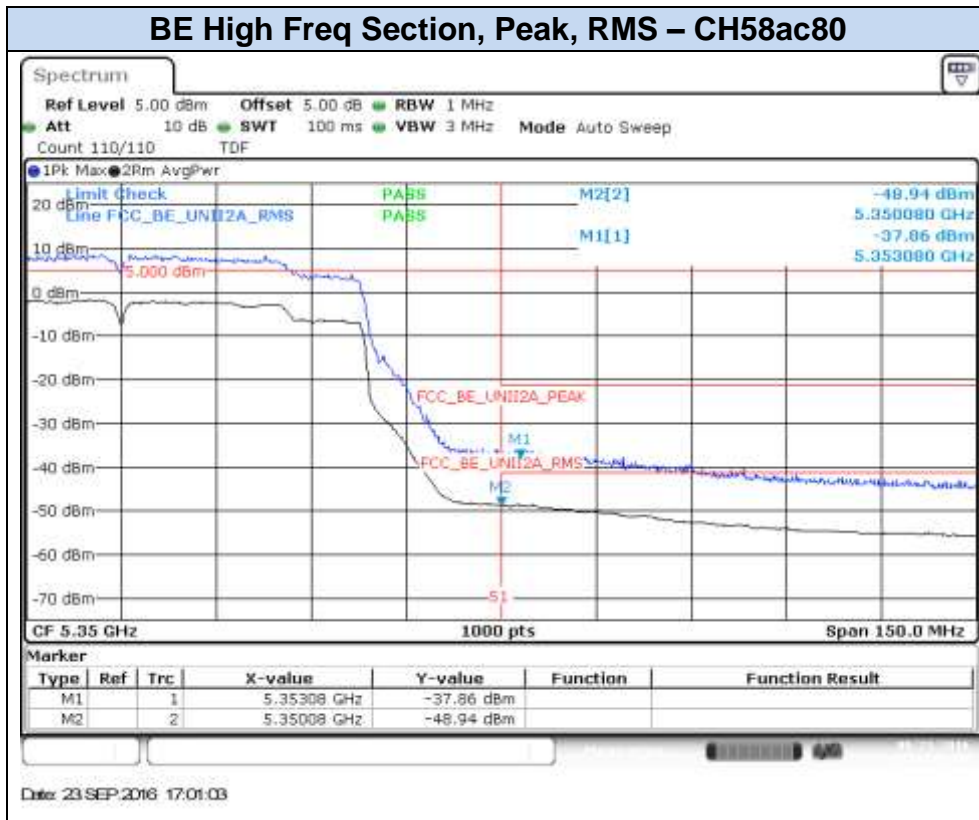


Date: 27 OCT 2016 11:45:59

802.11ac80, VHT0 (MIMO)- Chain A



802.11ac80, VHT0 (MIMO)- Chain B



C.4 Radiated spurious emission

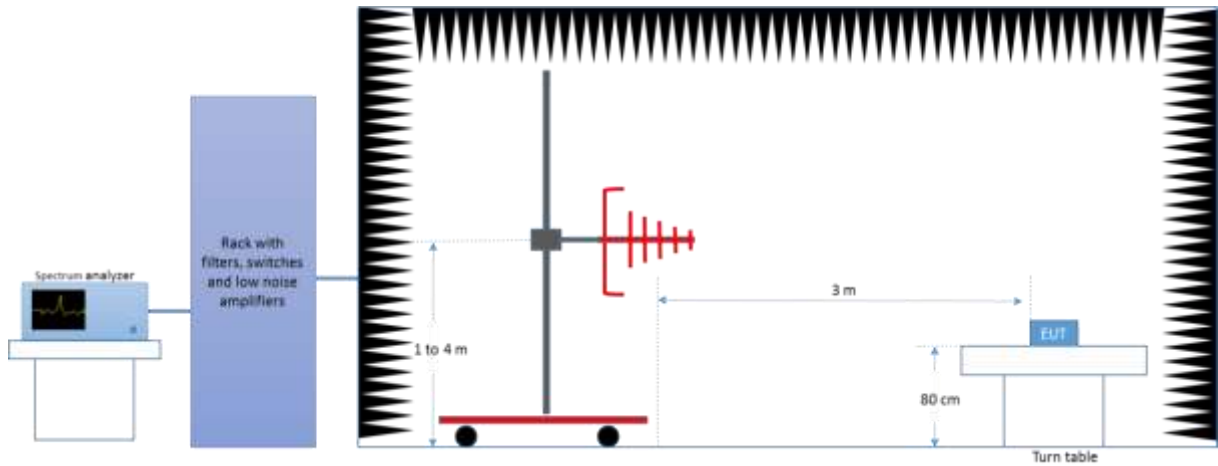
Standard references:

| FCC part | Limits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|-------------------------|-----------------------|-------------------------|--------------------|-------------|-------------|---|-----|-------------|--------------|---|-----|------------|----|---|----|-------|-----|----|---|--------|-----|------|---|---------|-----|----|---|-----------|-----|----|---|
| 15.407 (a) (2) | For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15.209 | <p>Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9e1f2;">Freq Range (MHz)</th> <th style="background-color: #d9e1f2;">Field Strength (µV/m)</th> <th style="background-color: #d9e1f2;">Field Strength (dBµV/m)</th> <th style="background-color: #d9e1f2;">Meas. Distance (m)</th> </tr> </thead> <tbody> <tr> <td>0.009-0.490</td> <td>2400/f(kHz)</td> <td style="text-align: center;">-</td> <td style="text-align: center;">300</td> </tr> <tr> <td>0.490-1.705</td> <td>24000/f(kHz)</td> <td style="text-align: center;">-</td> <td style="text-align: center;">300</td> </tr> <tr> <td>1.705-30.0</td> <td style="text-align: center;">30</td> <td style="text-align: center;">-</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">30-88</td> <td style="text-align: center;">100</td> <td style="text-align: center;">40</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">88-216</td> <td style="text-align: center;">150</td> <td style="text-align: center;">43.5</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">216-960</td> <td style="text-align: center;">200</td> <td style="text-align: center;">46</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">Above 960</td> <td style="text-align: center;">500</td> <td style="text-align: center;">54</td> <td style="text-align: center;">3</td> </tr> </tbody> </table> <p>The emission limits shown in the above table are based on measurements employing 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.</p> <p>For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.</p> | Freq Range (MHz) | Field Strength (µV/m) | Field Strength (dBµV/m) | Meas. Distance (m) | 0.009-0.490 | 2400/f(kHz) | - | 300 | 0.490-1.705 | 24000/f(kHz) | - | 300 | 1.705-30.0 | 30 | - | 30 | 30-88 | 100 | 40 | 3 | 88-216 | 150 | 43.5 | 3 | 216-960 | 200 | 46 | 3 | Above 960 | 500 | 54 | 3 |
| Freq Range (MHz) | Field Strength (µV/m) | Field Strength (dBµV/m) | Meas. Distance (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.009-0.490 | 2400/f(kHz) | - | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.490-1.705 | 24000/f(kHz) | - | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.705-30.0 | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30-88 | 100 | 40 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88-216 | 150 | 43.5 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216-960 | 200 | 46 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Above 960 | 500 | 54 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

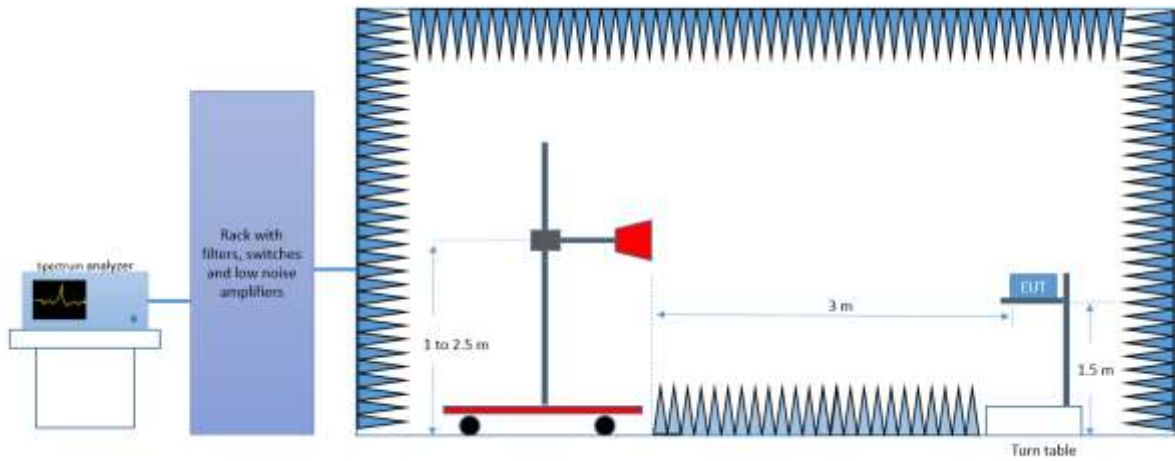
Test procedure:

The below setups were used to measure the radiated spurious emissions. Depending of the frequency range and bands being tested, different antennas and filters were used. The final measurement is done by varying the antenna height, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations. The radiated spurious emissions were measured on the worst case configuration selected from the chapter C.2 and using the lowest, middle and highest channels. For technologies 802.n20, 802.n40 and 802.ac80 the worst case in terms of spurious emissions found among the low, mid and high channels when tested on chain A and B separately is used to perform the test in MIMO mode (Chain A+B).

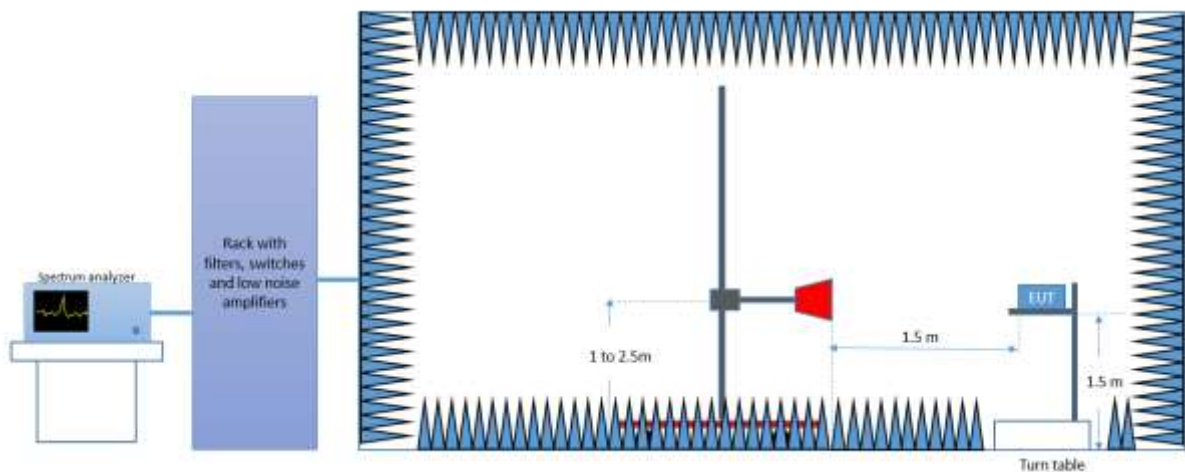
Radiated Setup < 1GHz



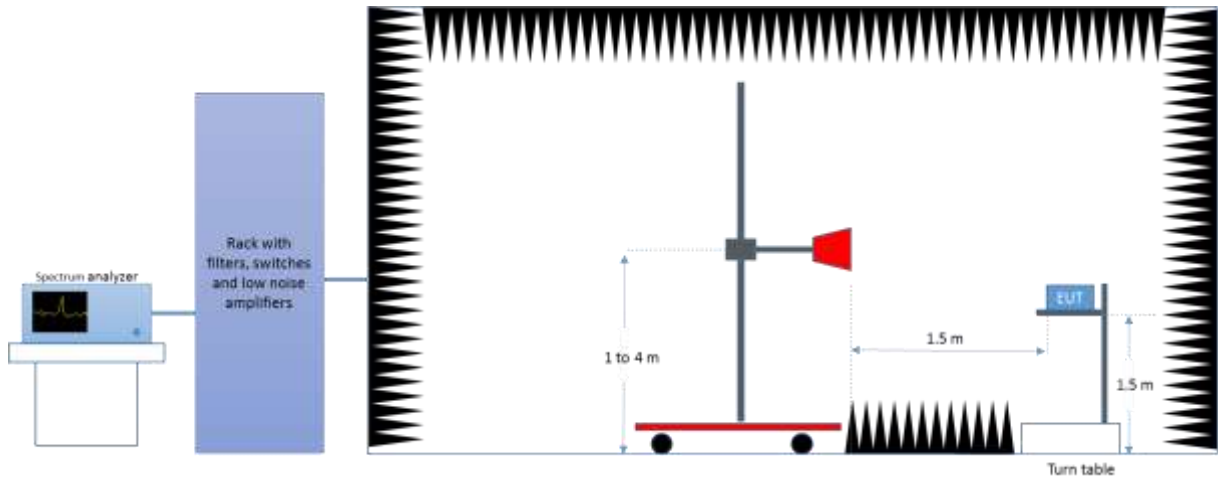
Radiated Setup 1 GHz - 18 GHz



Radiated Setup 18 GHz - 26.5 GHz



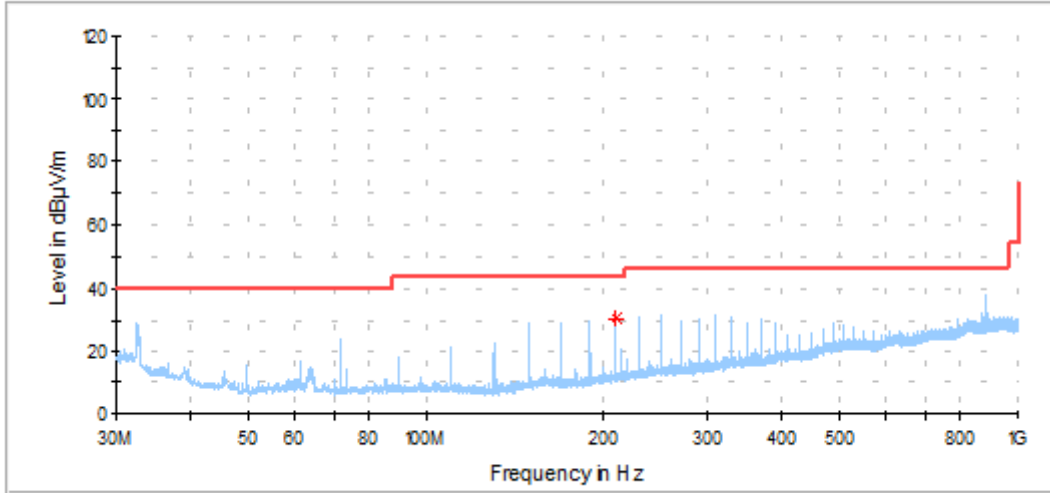
Radiated Setup > 26.5 GHz



Test Results:

Radiated Spurious – 30MHz to 1GHz

Radiated Spurious – All modes



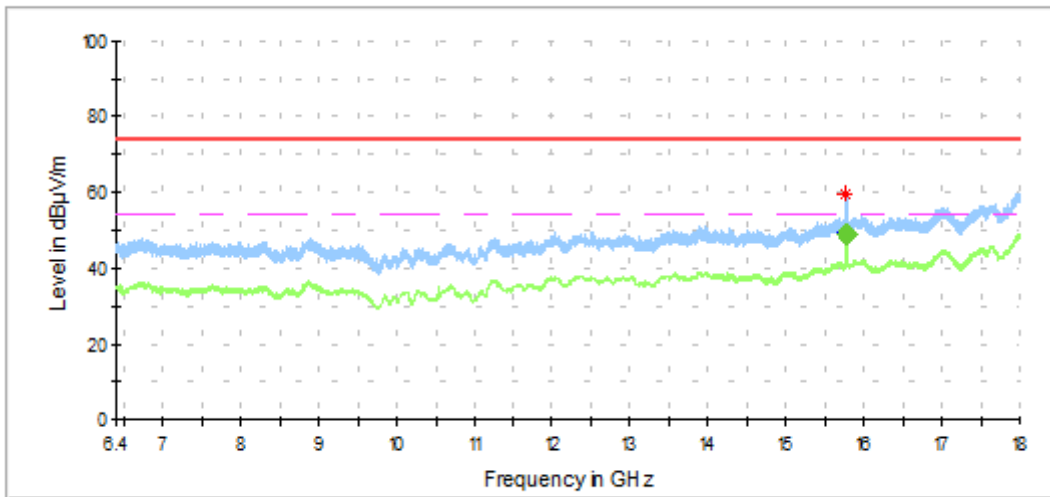
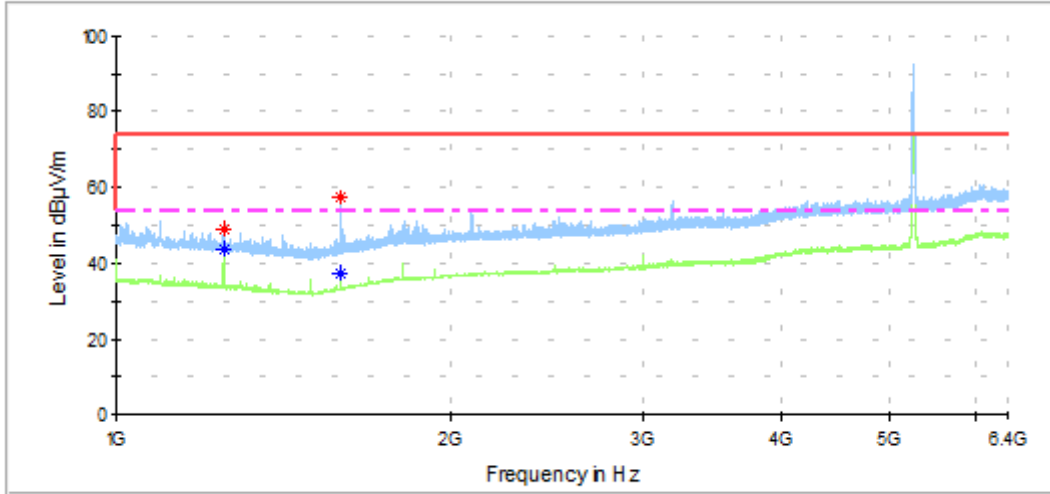
— Peak measurements — Limit FCC Peak

| Frequency | MaxPeak | Limit | Margin |
|-----------|---------|--------|--------|
| MHz | dBuV/m | dBuV/m | dB |
| 210.0 | 30.1 | 43.6 | 13.5 |

Note 1: The spurious signals detected do not depend on either the operating channel or the modulation mode.

1 GHz – 18GHz, 802.11a, 6Mbps, Chain A

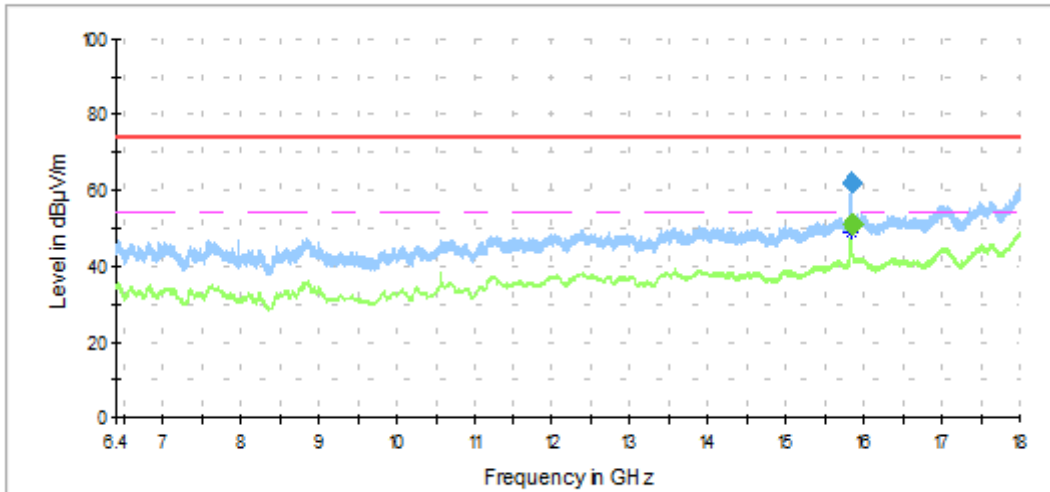
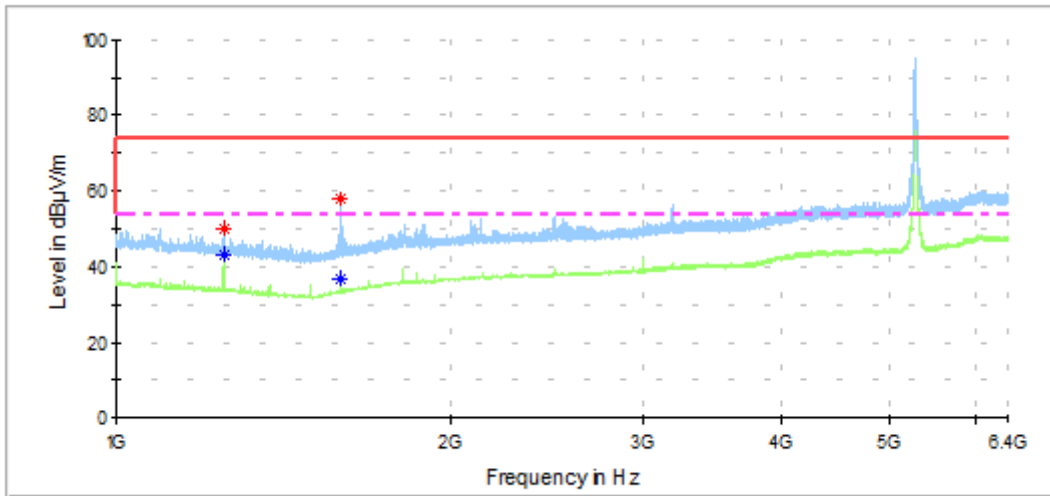
Radiated Spurious – CH52



— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 43.5 | 54 | 10.5 |
| 1249.9 | 49.0 | --- | 74 | 25.0 |
| 1594.5 | --- | 37.1 | 54 | 16.9 |
| 1595.7 | 57.3 | --- | 74 | 16.7 |
| 15776.4 | 59.4 | --- | 74 | 14.6 |
| 15777.7 | --- | 49.3 | 54 | 4.7 |

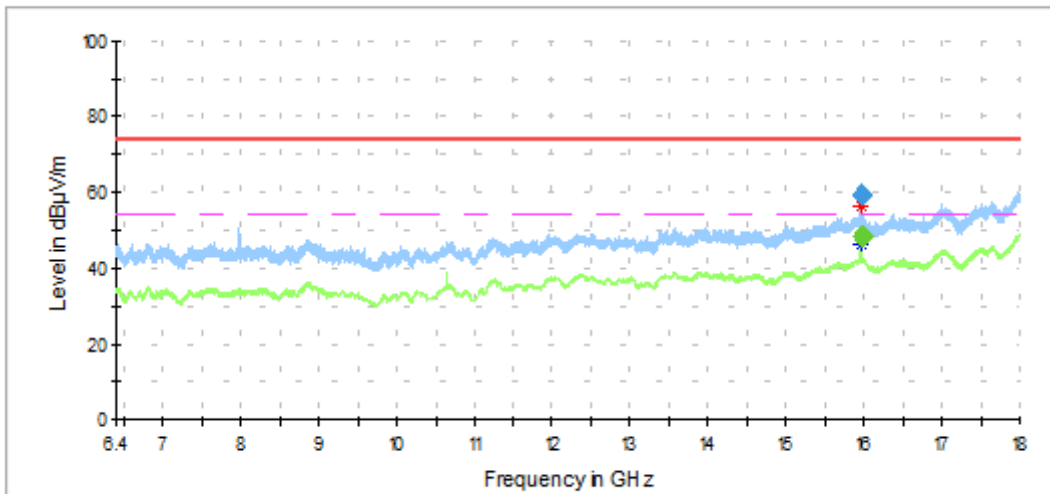
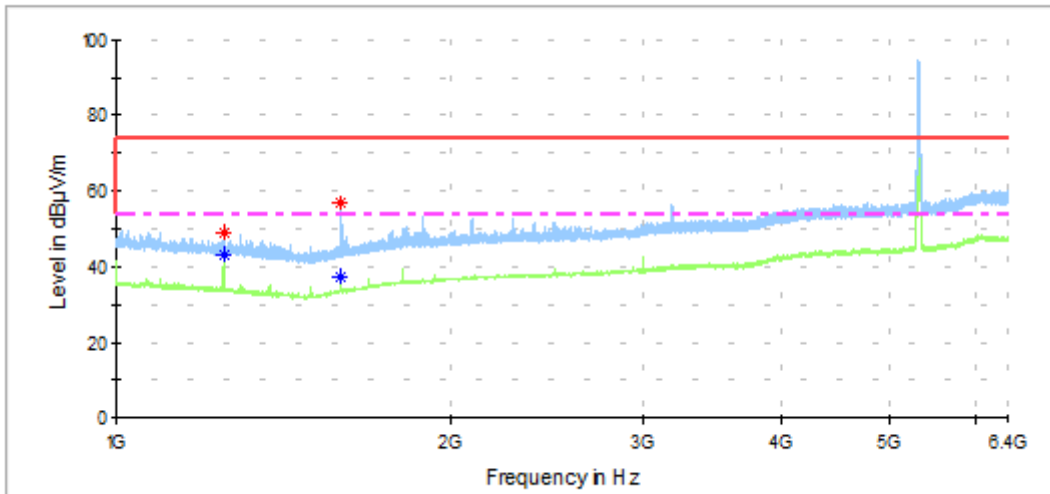
Radiated Spurious – CH56



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 42.9 | 54 | 11.1 |
| 1250.1 | 49.9 | --- | 74 | 24.1 |
| 1595.5 | 58.0 | --- | 74 | 16.0 |
| 1595.7 | --- | 36.7 | 54 | 17.3 |
| 15837.5 | 62.1 | --- | 74 | 11.9 |
| 15840.2 | --- | 51.0 | 54 | 3.0 |

Radiated Spurious – CH64

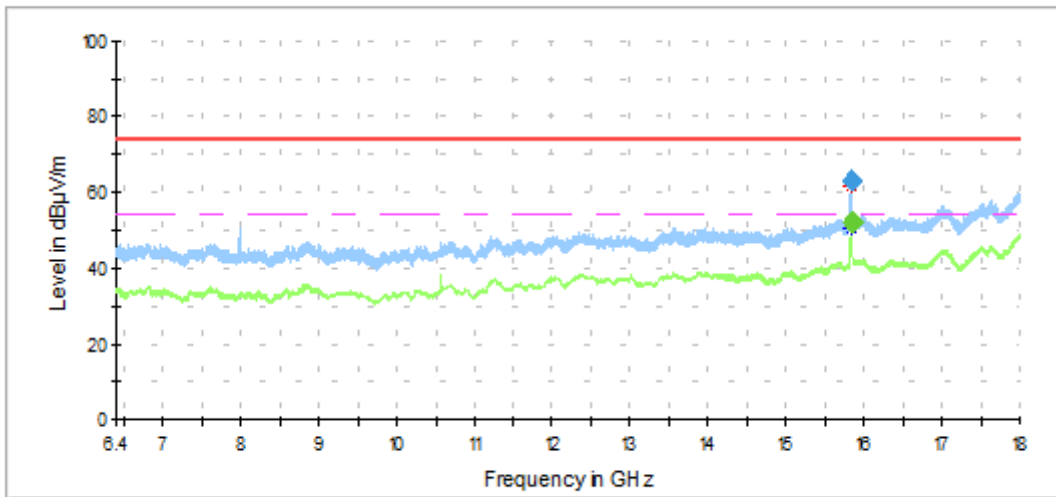
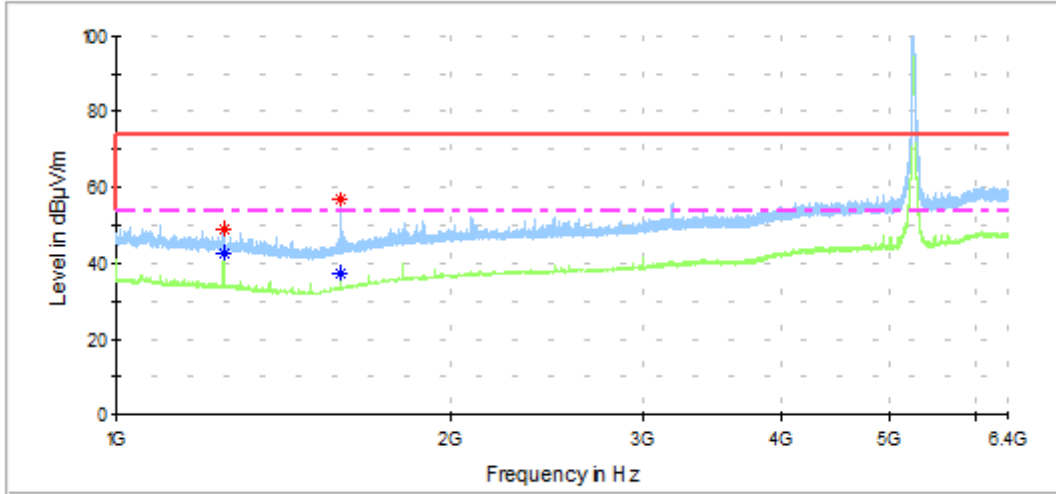


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 43.1 | 54 | 10.9 |
| 1249.9 | 48.9 | --- | 74 | 25.1 |
| 1596.0 | --- | 37.1 | 54 | 16.9 |
| 1596.0 | 57.1 | --- | 74 | 16.9 |
| 15960.6 | --- | 48.6 | 54 | 5.4 |
| 15960.6 | 59.3 | --- | 74 | 14.7 |

1 GHz – 18GHz, 802.11a, 6Mbps, Chain B

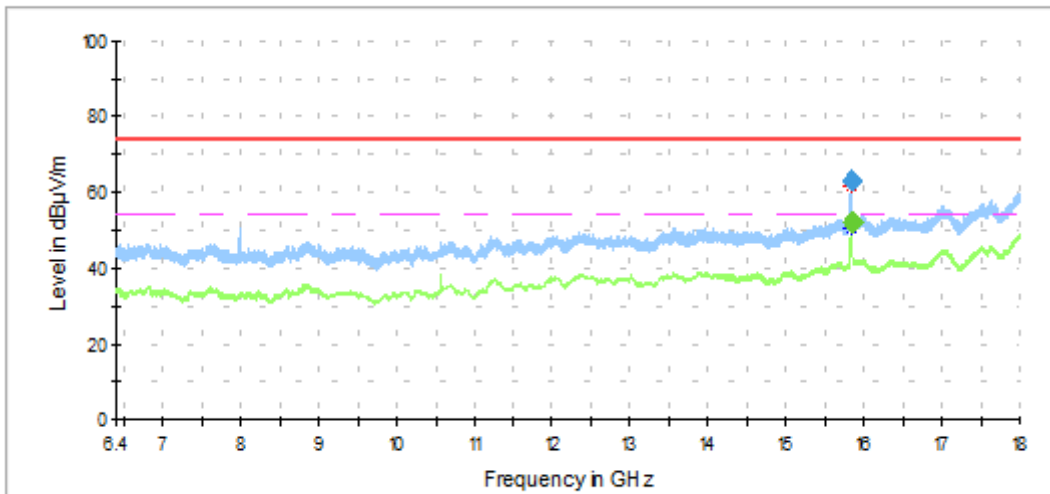
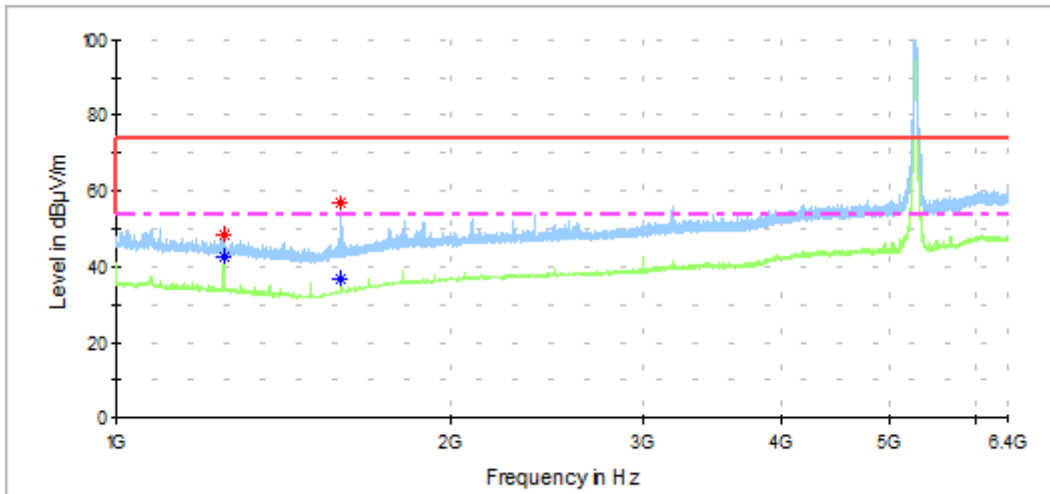
Radiated Spurious – CH52



— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1250.1 | --- | 42.6 | 54 | 11.4 |
| 1250.1 | 48.8 | --- | 74 | 25.2 |
| 1594.7 | 56.7 | --- | 74 | 17.3 |
| 1596.2 | --- | 37.1 | 54 | 16.9 |
| 15834.8 | 63.2 | --- | 74 | 10.8 |
| 15840.6 | --- | 52.0 | 54 | 2.0 |

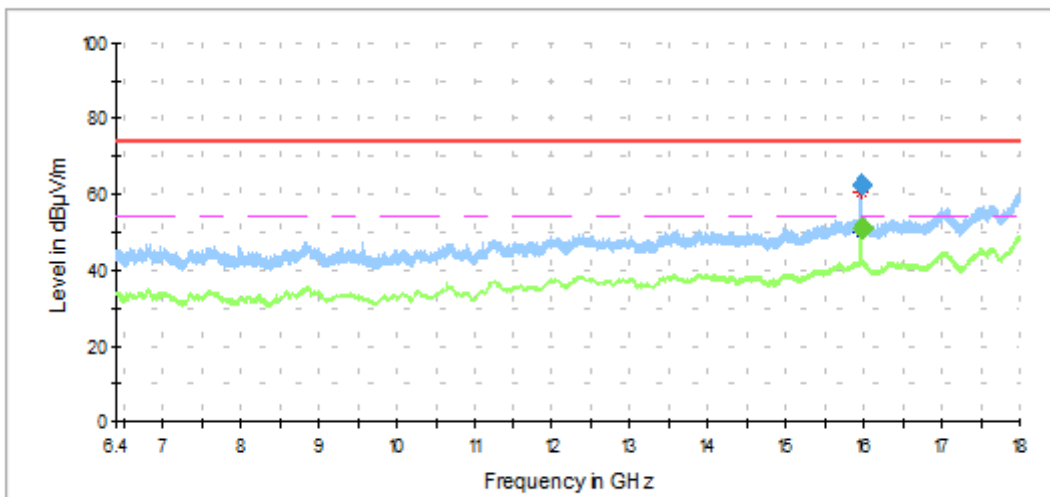
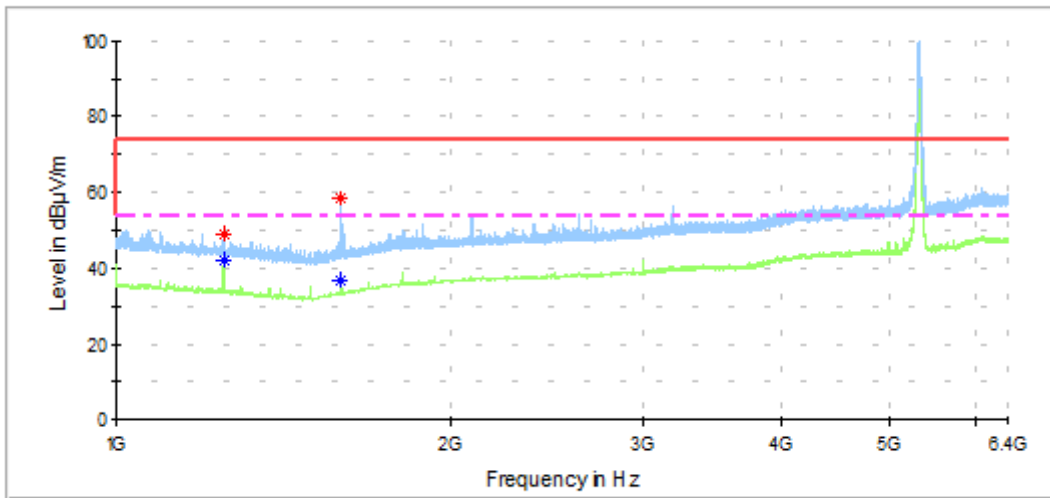
Radiated Spurious – CH56



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | 48.3 | --- | 74 | 25.7 |
| 1250.1 | --- | 42.7 | 54 | 11.3 |
| 1594.5 | 56.8 | --- | 74 | 17.2 |
| 1595.7 | --- | 36.9 | 54 | 17.1 |
| 15834.8 | 63.2 | --- | 74 | 10.8 |
| 15840.6 | --- | 52.0 | 54 | 2.0 |

Radiated Spurious – CH64

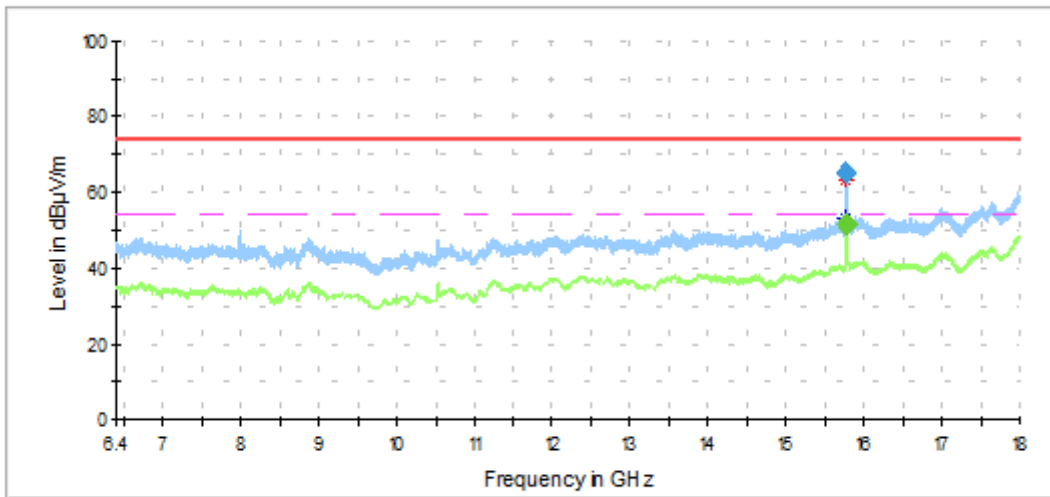
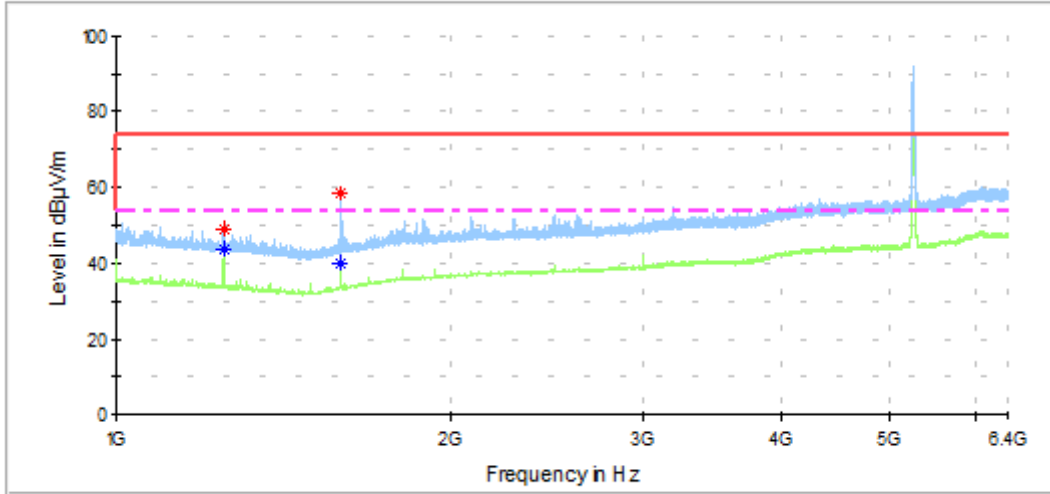


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1250.1 | --- | 42.0 | 54 | 12.0 |
| 1250.1 | 49.1 | --- | 74 | 24.9 |
| 1594.2 | --- | 36.9 | 54 | 17.1 |
| 1596.2 | 58.2 | --- | 74 | 15.8 |
| 15959.7 | --- | 50.9 | 54 | 3.1 |
| 15963.8 | 62.7 | --- | 74 | 11.3 |

1 GHz – 18GHz, 802.11n20, HT0, Chain A

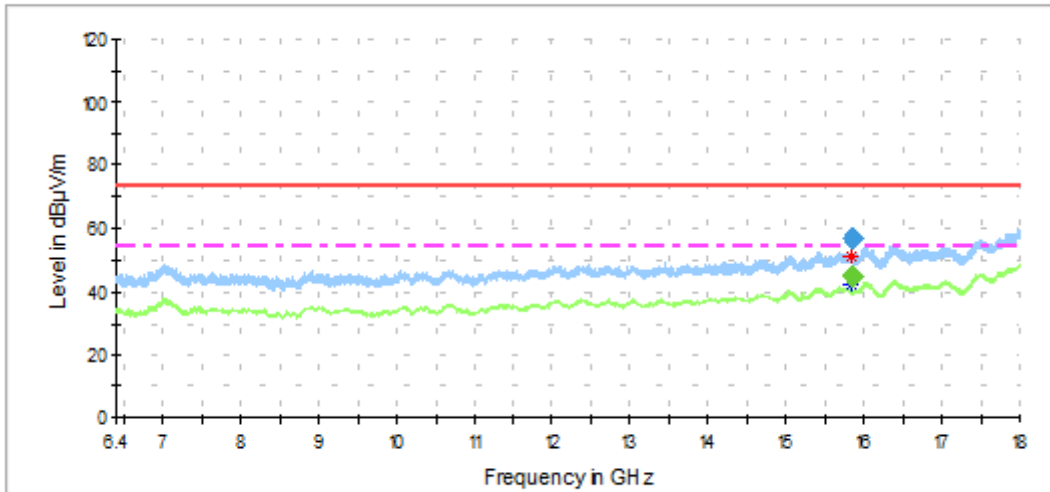
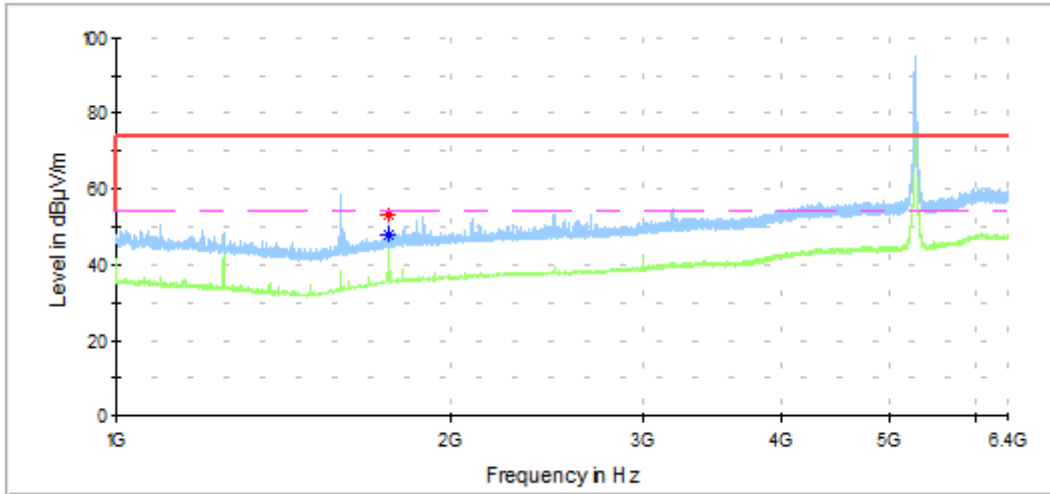
Radiated Spurious – CH52



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 43.6 | 54 | 10.4 |
| 1250.1 | 49.0 | --- | 74 | 25.0 |
| 1593.3 | 58.6 | --- | 74 | 15.4 |
| 1594.7 | --- | 39.8 | 54 | 14.2 |
| 15775.5 | 65.2 | --- | 74 | 8.8 |
| 15779.5 | --- | 51.6 | 54 | 2.4 |

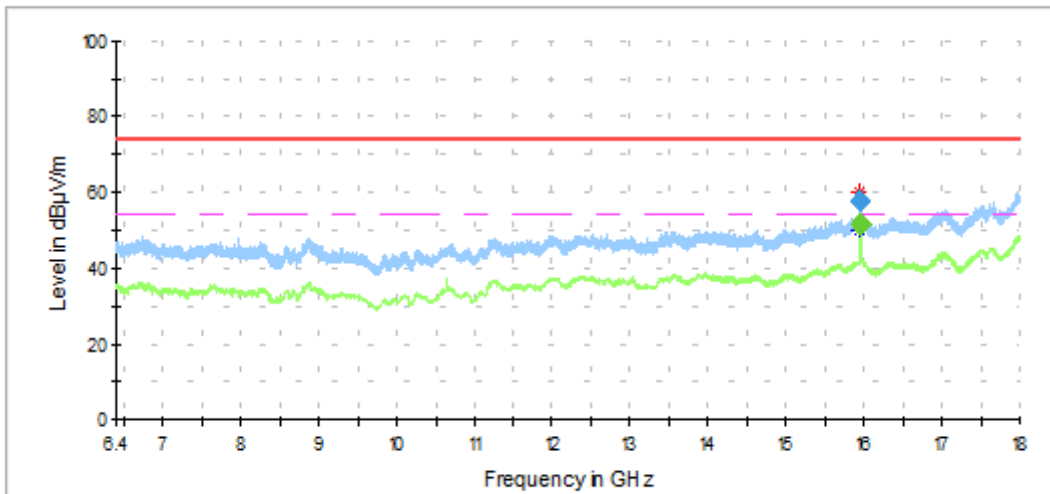
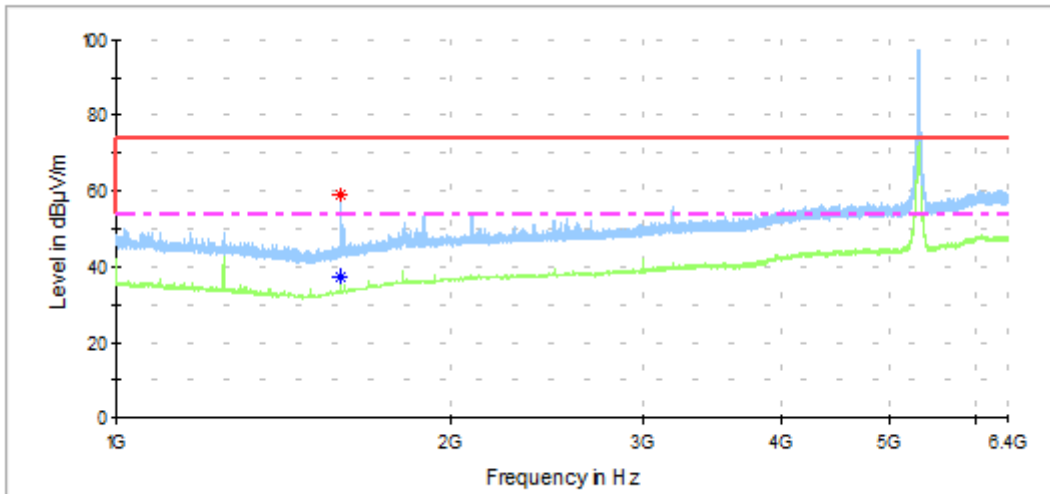
Radiated Spurious – CH56



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1764.3 | --- | 47.7 | 54 | 6.3 |
| 1764.3 | 53.3 | --- | 74 | 20.7 |
| 15839.5 | 56.8 | --- | 74 | 17.2 |
| 15838.5 | --- | 44.8 | 54 | 9.2 |

Radiated Spurious – CH64

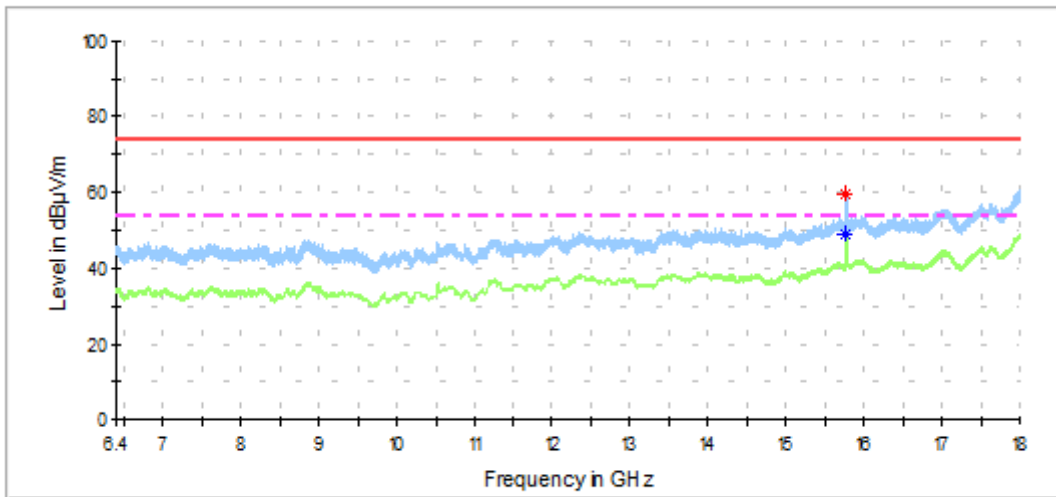
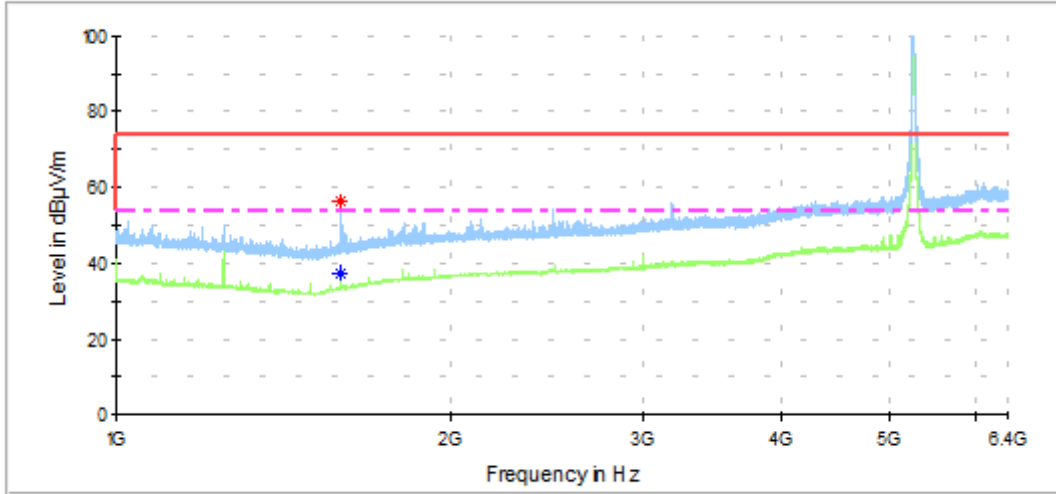


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1594.0 | 58.7 | --- | 74 | 15.3 |
| 1596.5 | --- | 37.6 | 54 | 16.4 |
| 15956.2 | --- | 51.8 | 54 | 2.2 |
| 15959.3 | 58.1 | --- | 74 | 15.9 |

1 GHz – 18GHz, 802.11n20, HT0, Chain B

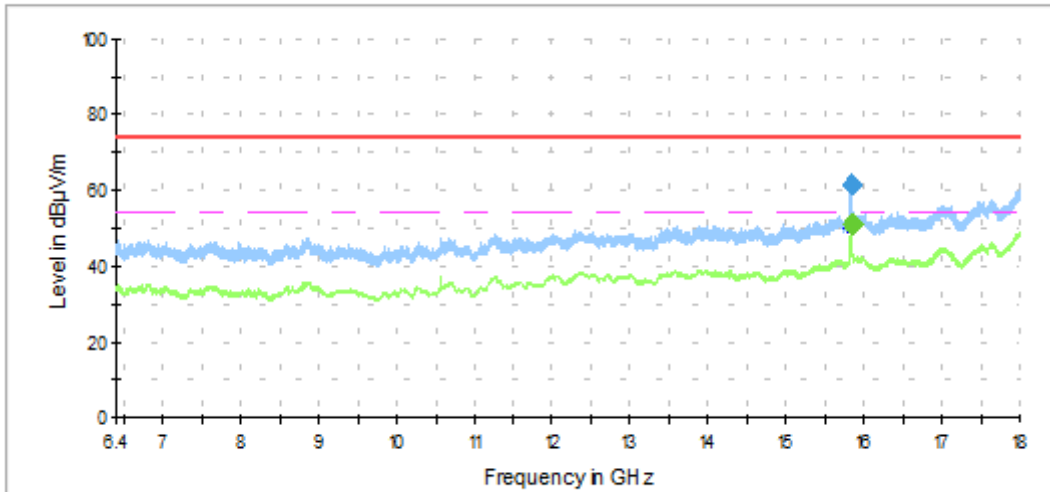
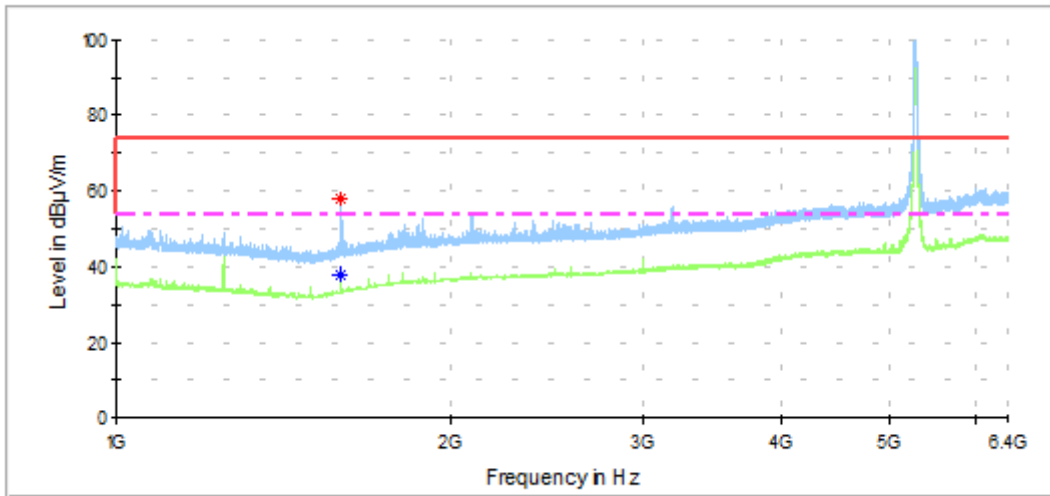
Radiated Spurious – CH52



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.8 | 56.4 | --- | 74 | 17.6 |
| 1596.0 | --- | 37.5 | 54 | 16.5 |
| 15775.9 | 59.3 | --- | 74 | 14.7 |
| 15779.5 | --- | 48.8 | 54 | 5.2 |

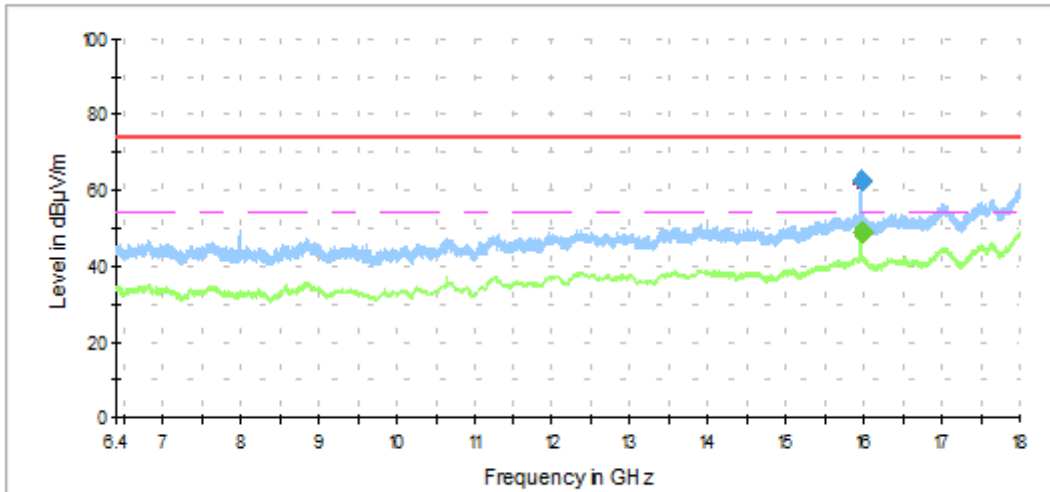
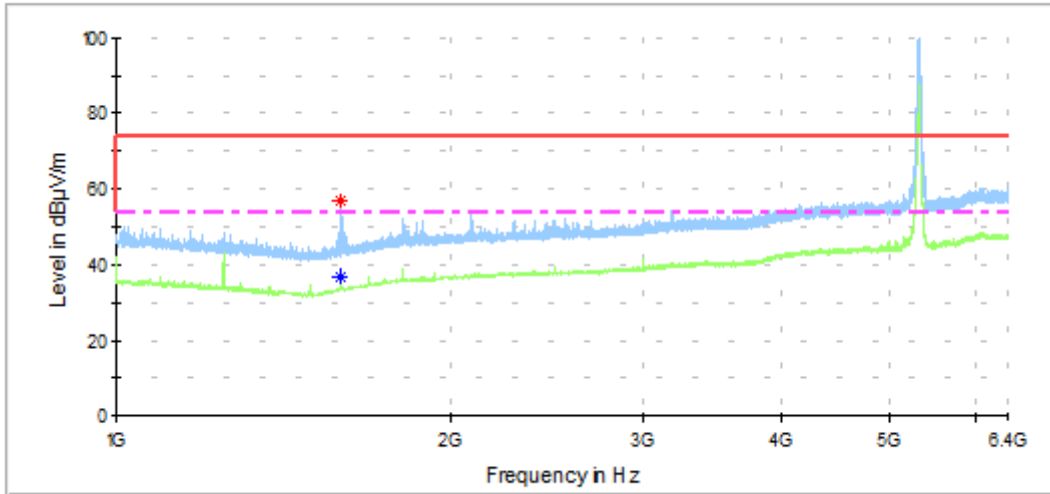
Radiated Spurious – CH56



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.3 | 57.9 | --- | 74 | 16.1 |
| 1595.7 | --- | 37.7 | 54 | 16.3 |
| 15834.4 | 61.7 | --- | 74 | 12.3 |
| 15841.5 | --- | 51.0 | 54 | 3.0 |

Radiated Spurious – CH64

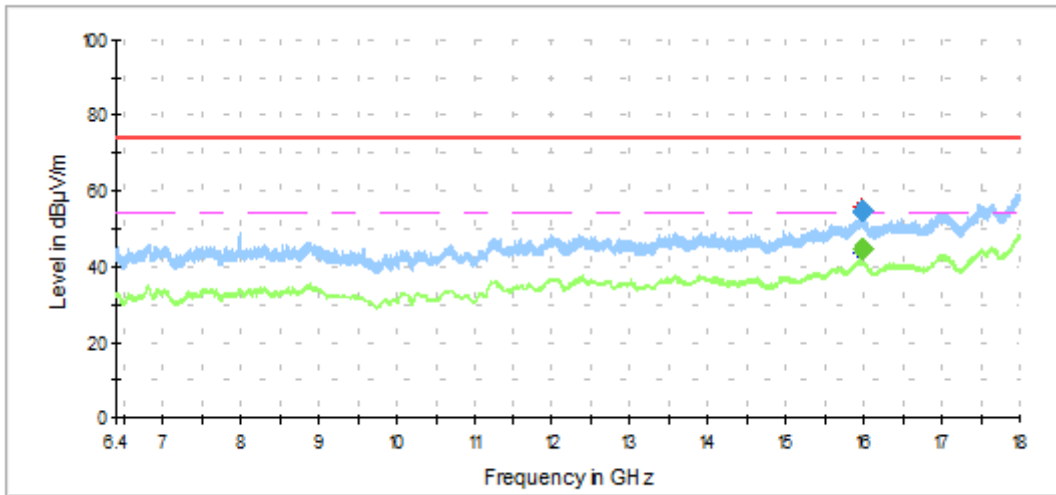
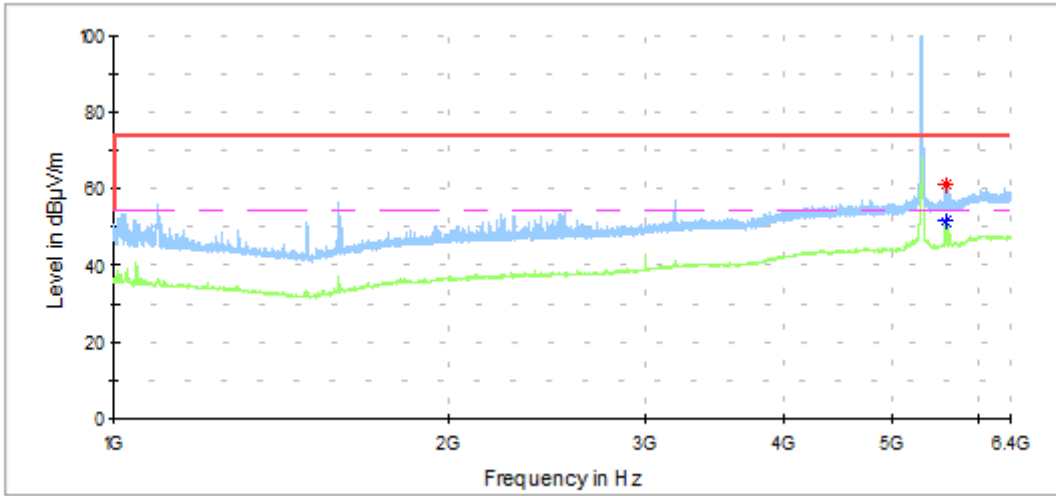


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1596.0 | --- | 36.6 | 54 | 17.4 |
| 1596.0 | 57.0 | --- | 74 | 17.0 |
| 15962.9 | 62.4 | --- | 74 | 11.6 |
| 15963.8 | --- | 48.9 | 54 | 5.1 |

1 GHz – 18GHz, 802.11n20, HT8, Chain A+B

Radiated Spurious – CH64

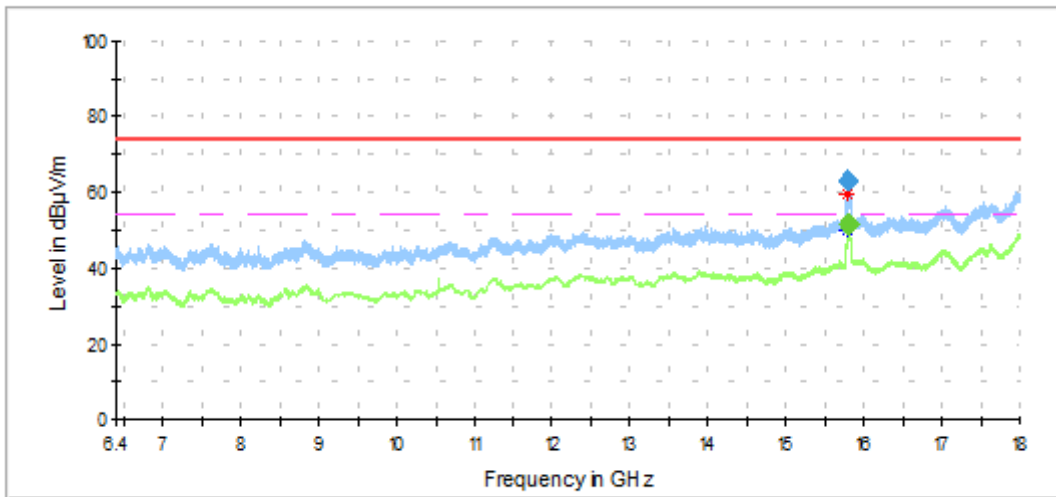
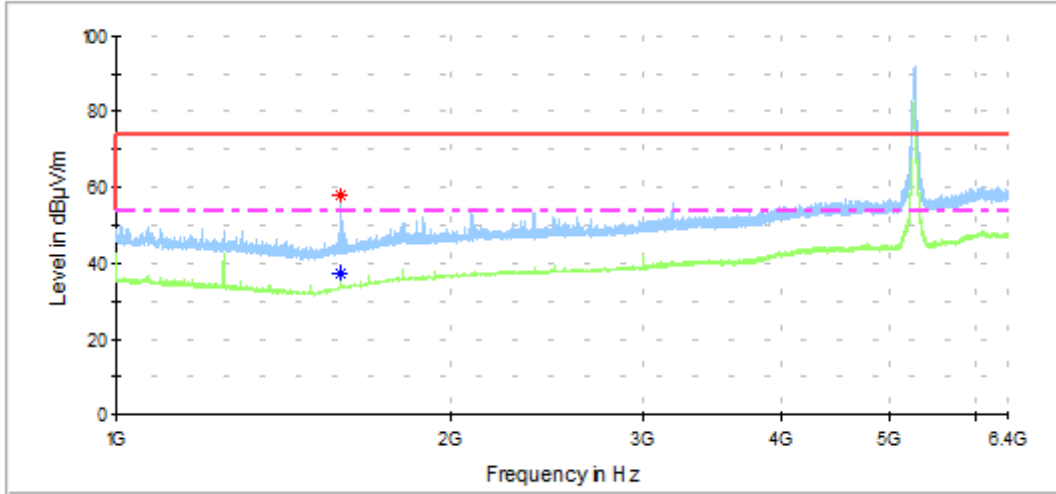


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|-------------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 5591.7 | --- | 51.5 | 54.1 | 2.5 |
| 5592.5 | 61.0 | --- | 74.1 | 13.1 |
| 15962.9 | --- | 45.0 | 54.1 | 9.1 |
| 15970.4 | 54.9 | --- | 74.1 | 19.2 |

1 GHz – 18GHz, 802.11n40, HT0, Chain A

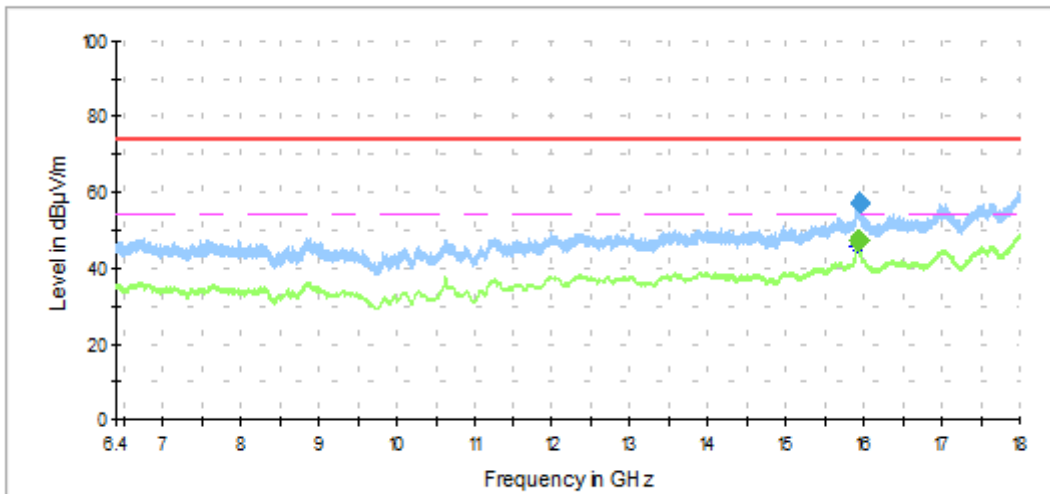
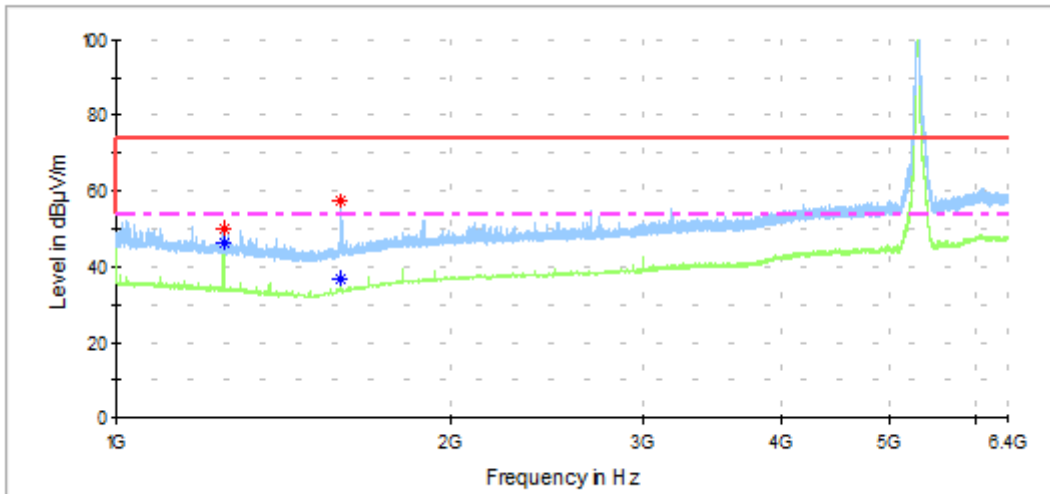
Radiated Spurious – CH54F



— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.3 | 57.7 | --- | 74 | 16.3 |
| 1596.0 | --- | 37.6 | 54 | 16.4 |
| 15804.5 | --- | 51.6 | 54 | 2.4 |
| 15805.4 | 62.9 | --- | 74 | 11.1 |

Radiated Spurious – CH62F

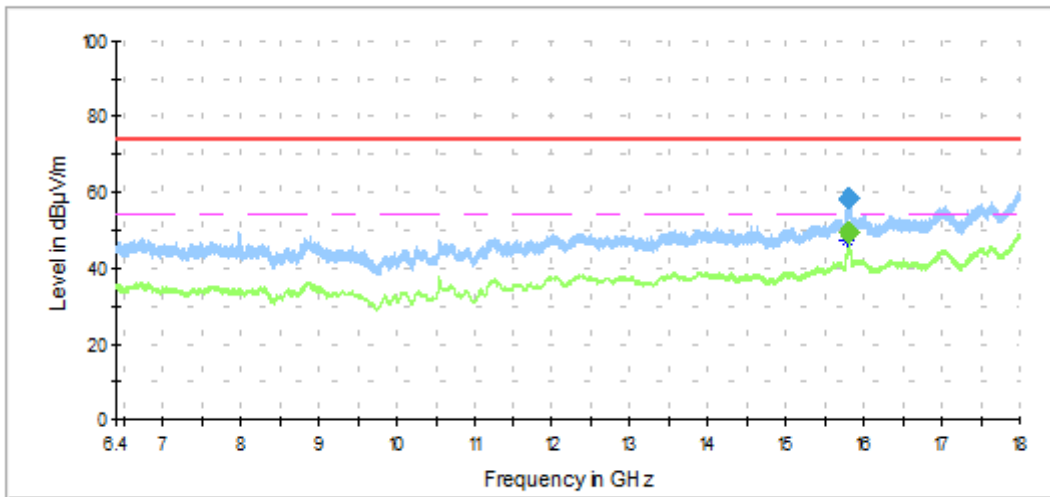
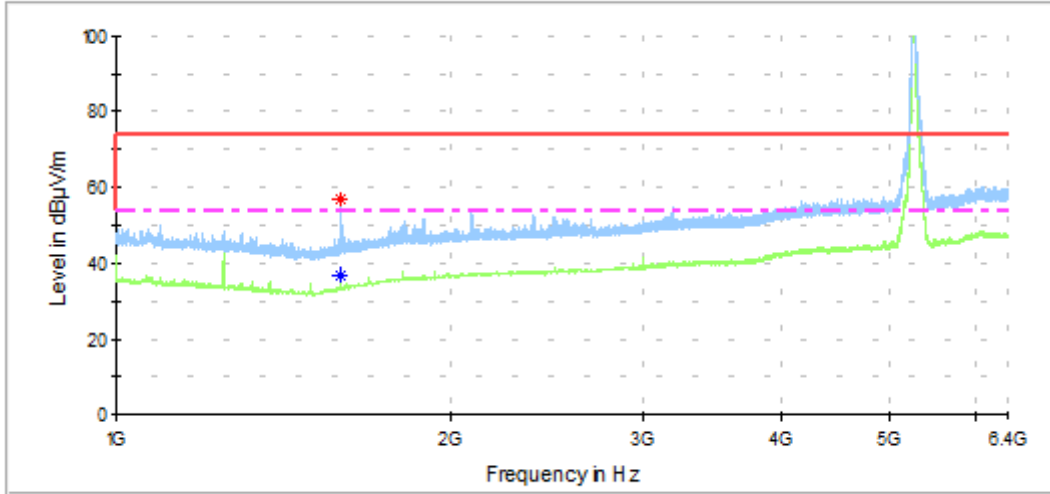


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1250.1 | --- | 46.2 | 54 | 7.8 |
| 1250.1 | 49.8 | --- | 74 | 24.2 |
| 1595.0 | --- | 36.6 | 54 | 17.4 |
| 1595.2 | 57.2 | --- | 74 | 16.8 |
| 15929.4 | --- | 47.4 | 54 | 6.6 |
| 15937.4 | 57.4 | --- | 74 | 16.6 |

1 GHz – 18GHz, 802.11n40, HT0, Chain B

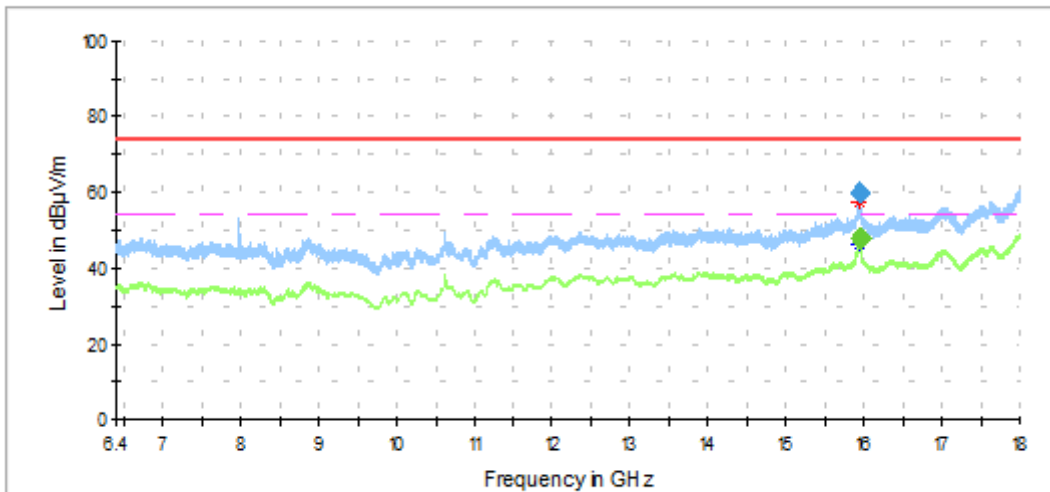
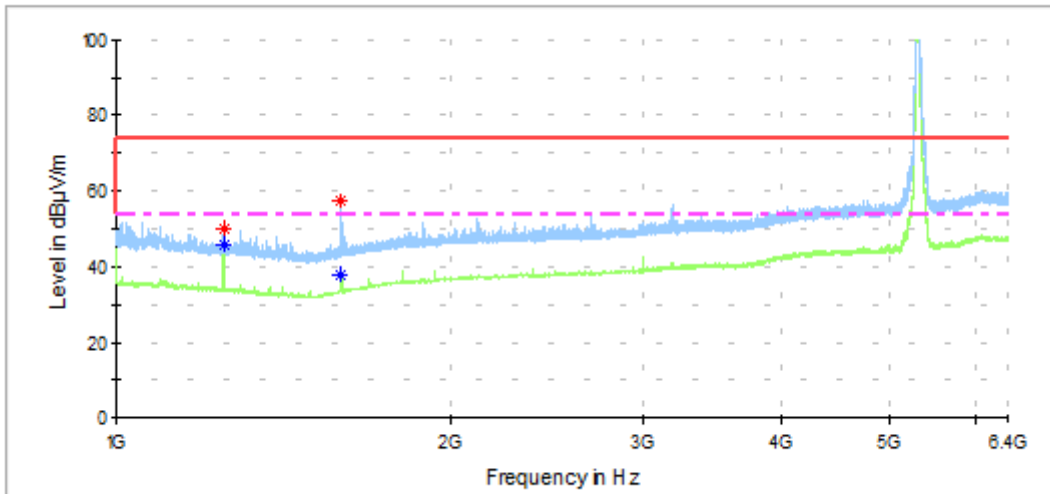
Radiated Spurious – CH54F



— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.0 | --- | 37.1 | 54 | 16.9 |
| 1596.0 | 56.6 | --- | 74 | 17.4 |
| 15804.9 | 58.3 | --- | 74 | 15.7 |
| 15805.4 | --- | 49.6 | 54 | 4.4 |

Radiated Spurious – CH62F

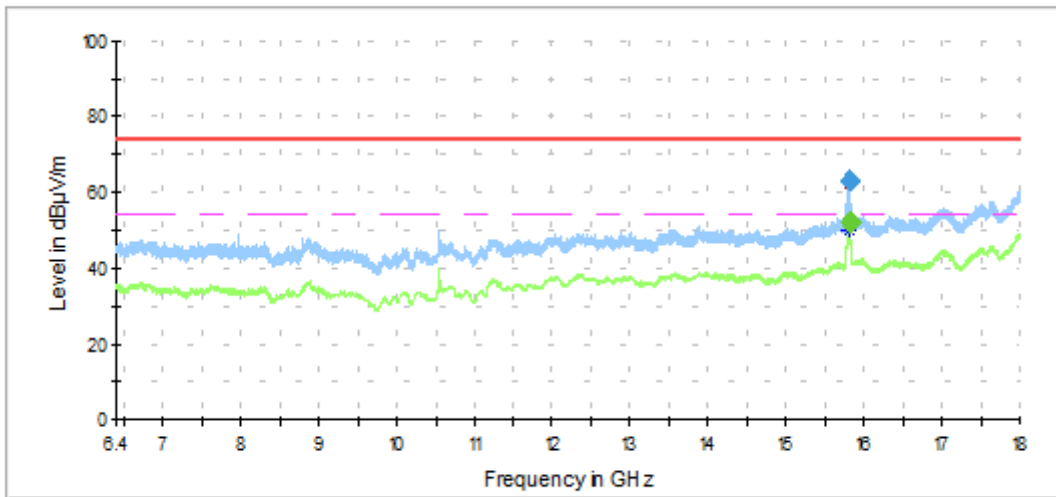
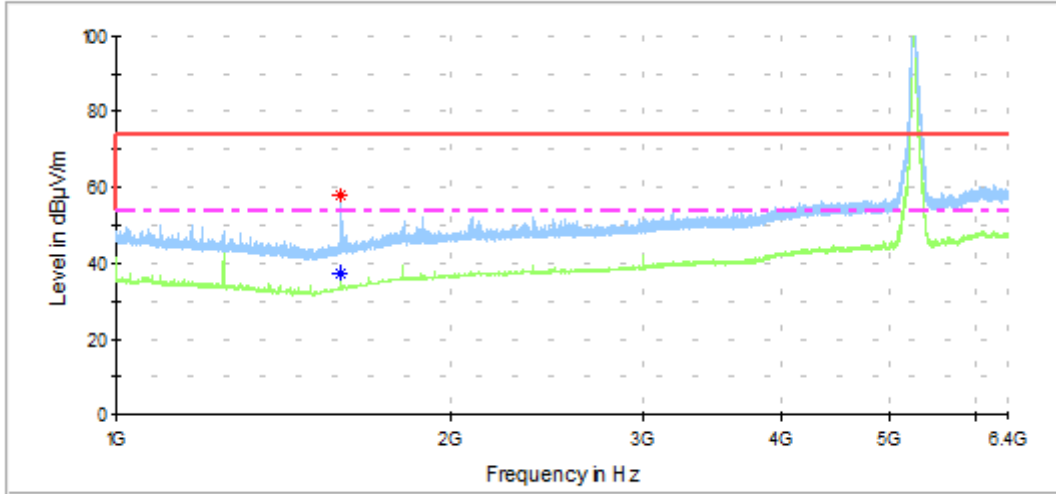


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | 50.3 | --- | 74 | 23.7 |
| 1250.1 | --- | 45.6 | 54 | 8.4 |
| 1593.3 | --- | 38.0 | 54 | 16.0 |
| 1594.2 | 57.5 | --- | 74 | 16.5 |
| 15938.3 | --- | 47.8 | 54 | 6.2 |
| 15945.9 | 59.9 | --- | 74 | 14.1 |

1 GHz – 18GHz, 802.11n40, HT8, Chain A+B

Radiated Spurious – CH54F

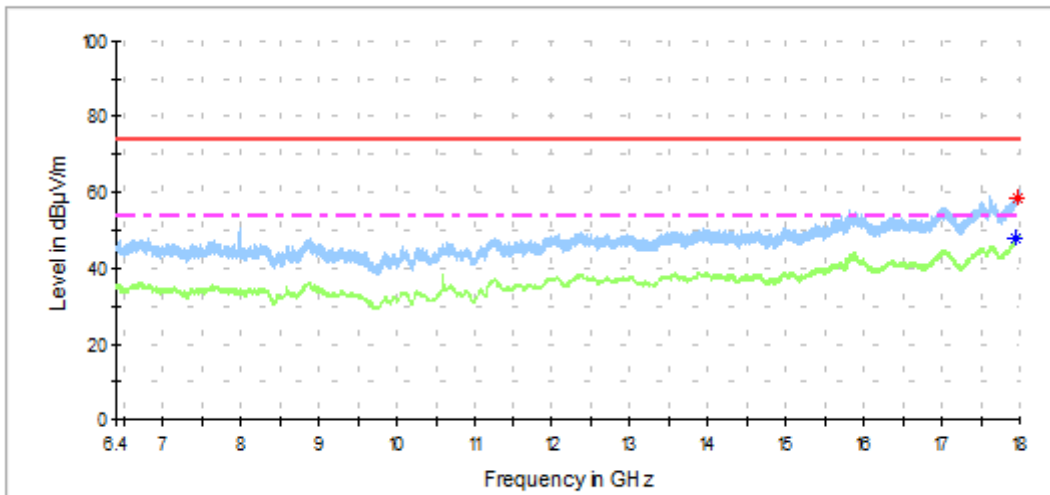
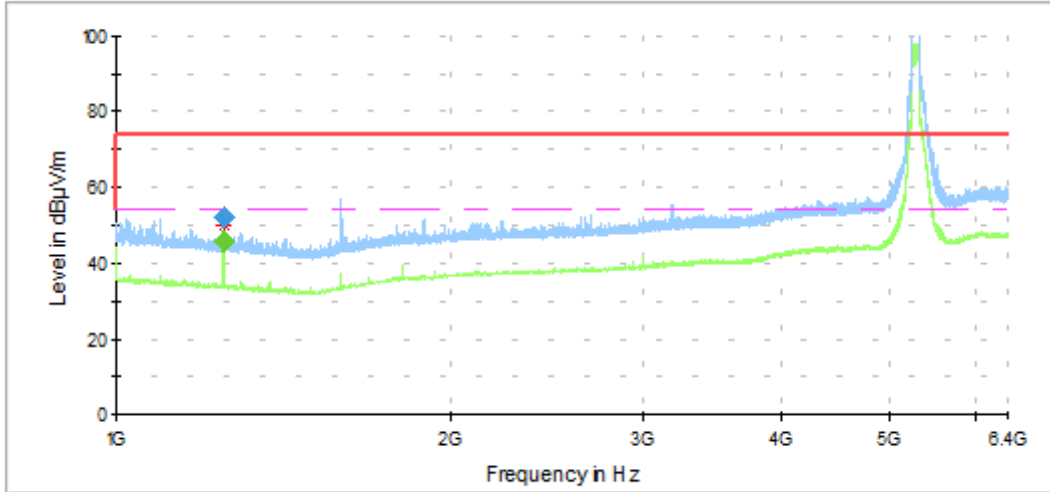


— Peak measurements — Avg measurements — Limit FCC Peak - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1593.5 | 58.1 | --- | 74 | 15.9 |
| 1596.0 | --- | 37.4 | 54 | 16.6 |
| 15806.7 | --- | 52.2 | 54 | 1.8 |
| 15808.0 | 62.9 | --- | 74 | 11.1 |

1 GHz – 18GHz, 802.11ac80, HT0, Chain A

Radiated Spurious – CH58ac80

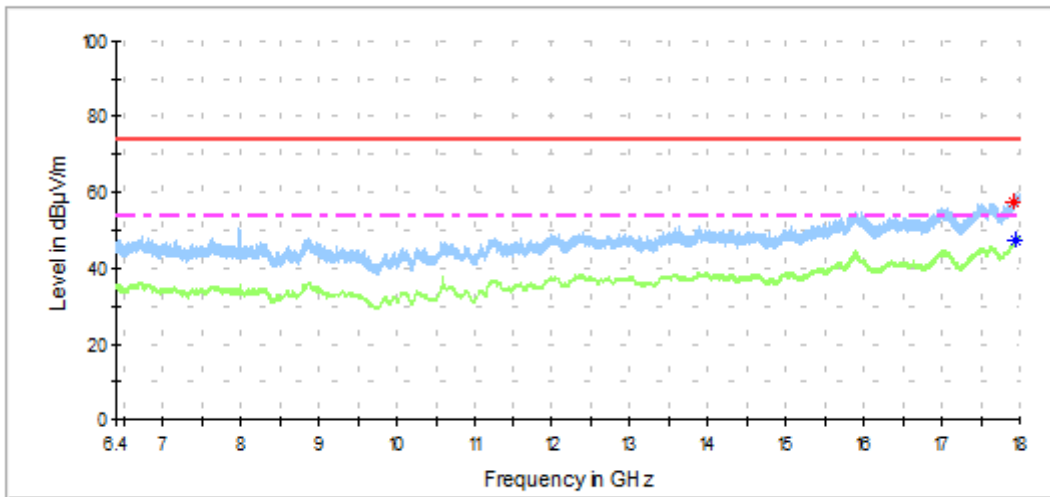
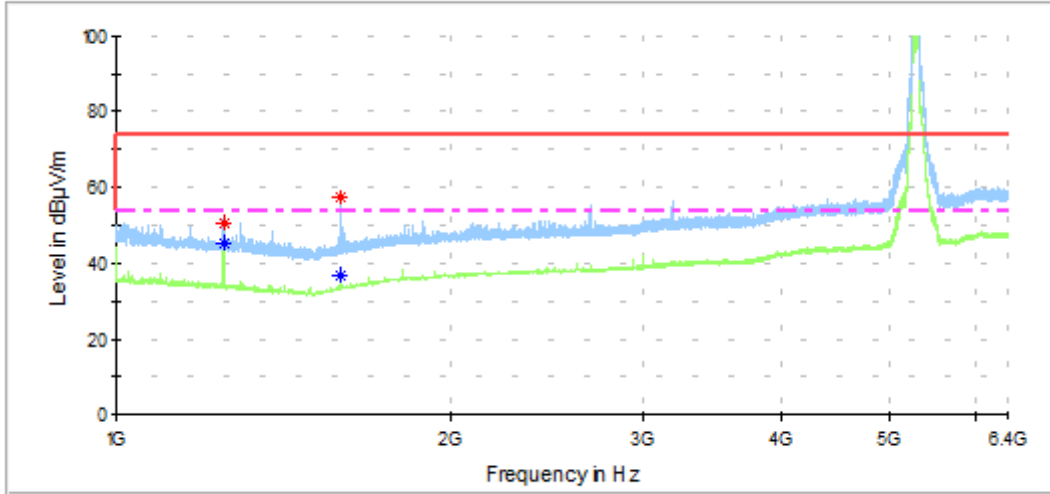


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 46.0 | 54 | 8.0 |
| 1250.1 | 52.0 | --- | 74 | 22.0 |
| 17953.6 | --- | 47.7 | 54 | 6.3 |
| 17967.0 | 58.6 | --- | 74 | 15.4 |

1 GHz – 18GHz, 802.11ac80, HT0, Chain B

Radiated Spurious – CH58ac80

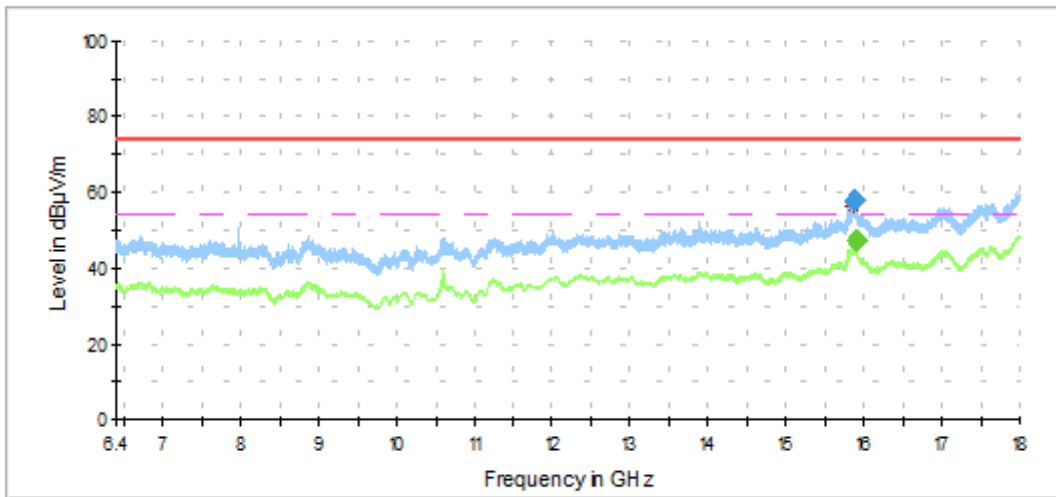
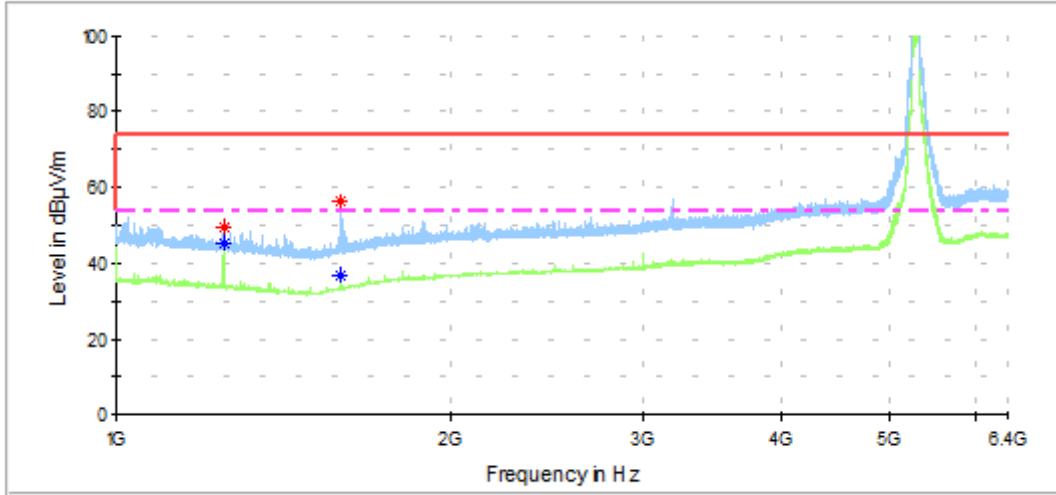


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | --- | 45.3 | 54 | 8.2 |
| 1249.9 | 50.4 | --- | 74 | 23.6 |
| 1595.7 | --- | 37.0 | 54 | 17.0 |
| 1595.7 | 57.2 | --- | 74 | 16.8 |
| 17931.7 | 57.4 | --- | 74 | 16.6 |
| 17944.2 | --- | 47.4 | 54 | 6.6 |

1 GHz – 18GHz, 802.11ac80, HT8, Chain A+B

Radiated Spurious – CH58ac80

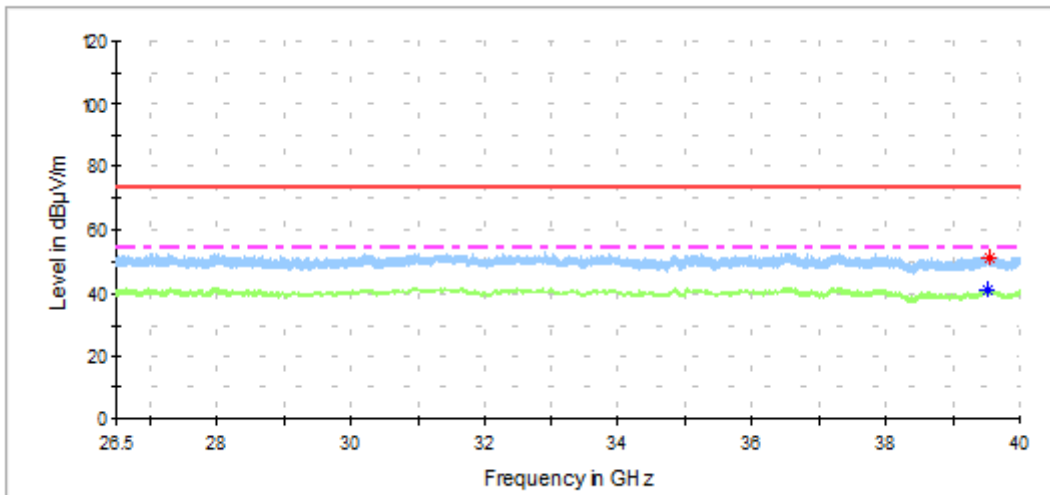
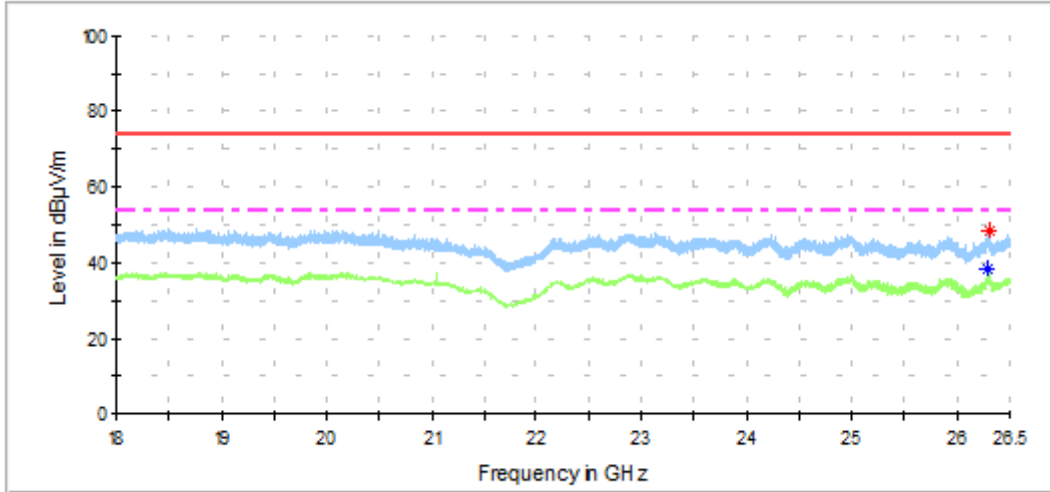


— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 1249.9 | 49.4 | --- | 74 | 24.6 |
| 1250.1 | --- | 45.0 | 54 | 9.0 |
| 1592.8 | --- | 36.9 | 54 | 17.1 |
| 1593.5 | 56.4 | --- | 74 | 17.6 |
| 15864.7 | 57.8 | --- | 74 | 16.2 |
| 15902.6 | --- | 47.2 | 54 | 6.8 |

18GHz – 40GHz

Radiated Spurious – All modes



— Peak measurements
 — Avg measurements
 — Limit FCC Peak
 - - - Limit FCC Avg

| Frequency | MaxPeak | Avg | Limit | Margin |
|-----------|---------|--------|--------|--------|
| MHz | dBuV/m | dBuV/m | dBuV/m | dB |
| 26297.9 | --- | 38.6 | 54 | 15.4 |
| 26304.0 | 48.7 | --- | 74 | 25.3 |
| 39526.1 | --- | 41.0 | 54 | 13.0 |
| 39551.1 | 51.1 | --- | 74 | 22.9 |

Note 1: The spurious signals detected do not depend on either the operating channel or the modulation mode.