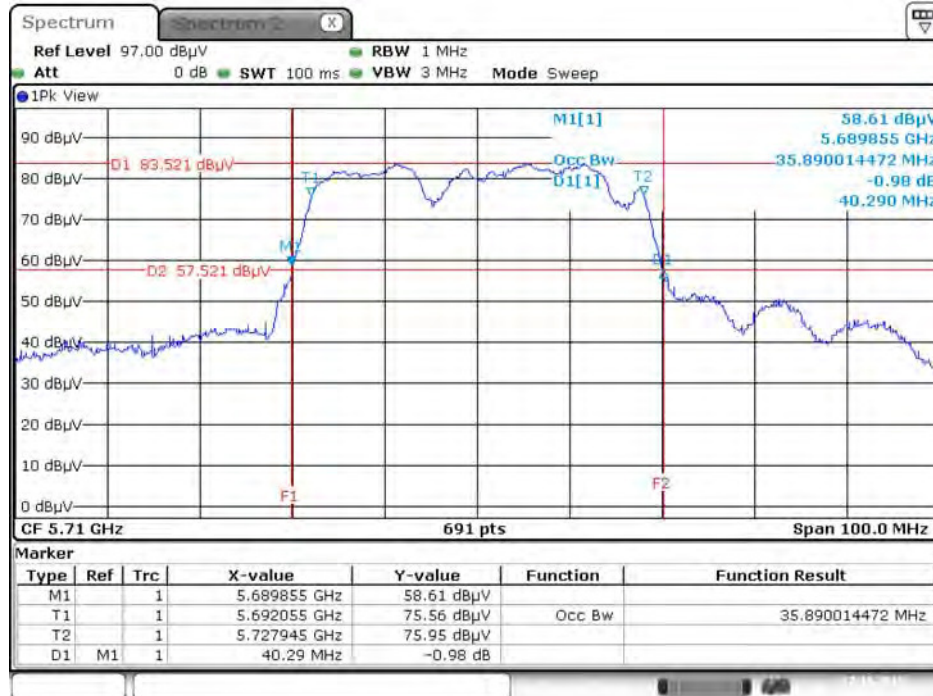
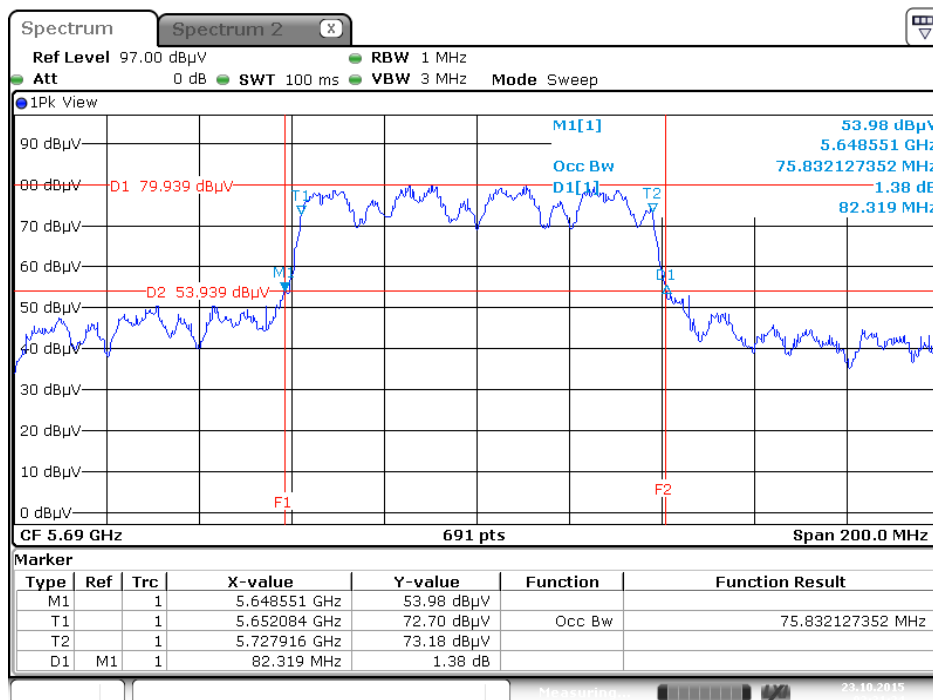


26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 27.OCT.2015 00:04:18

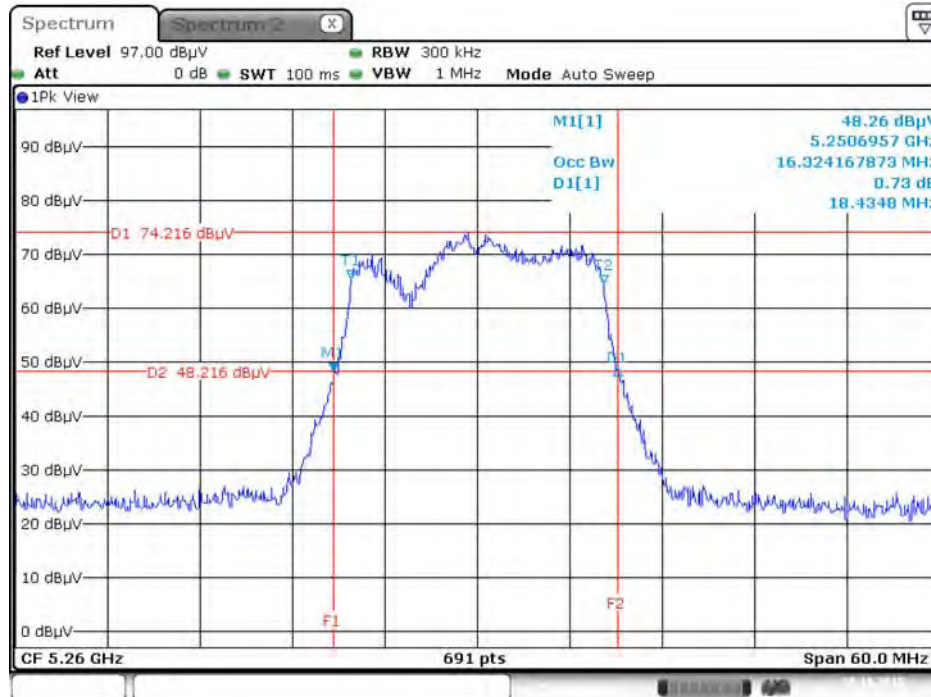
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 23.OCT.2015 02:31:24

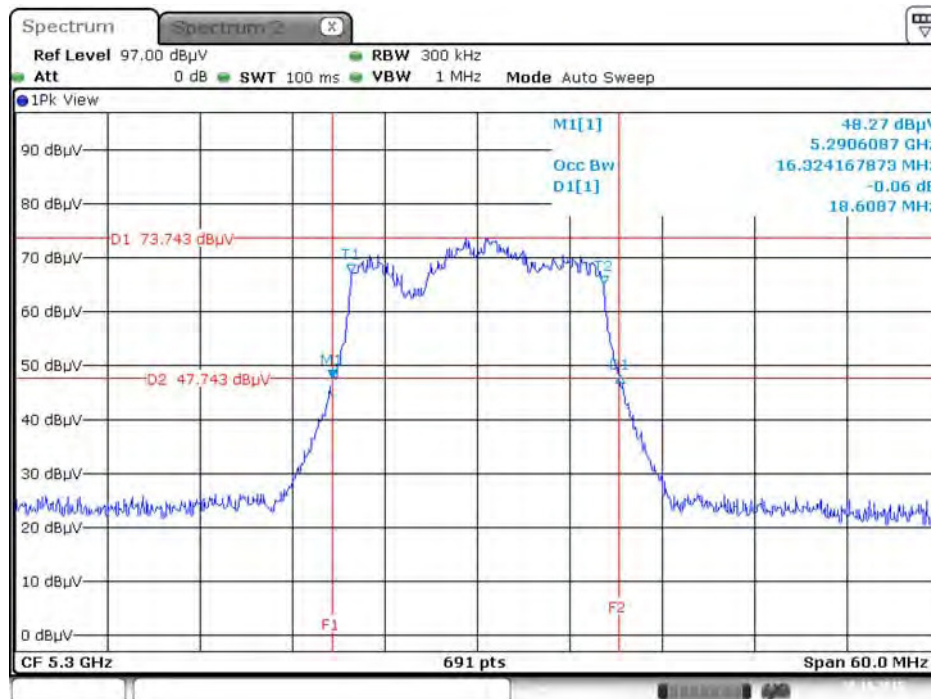
Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



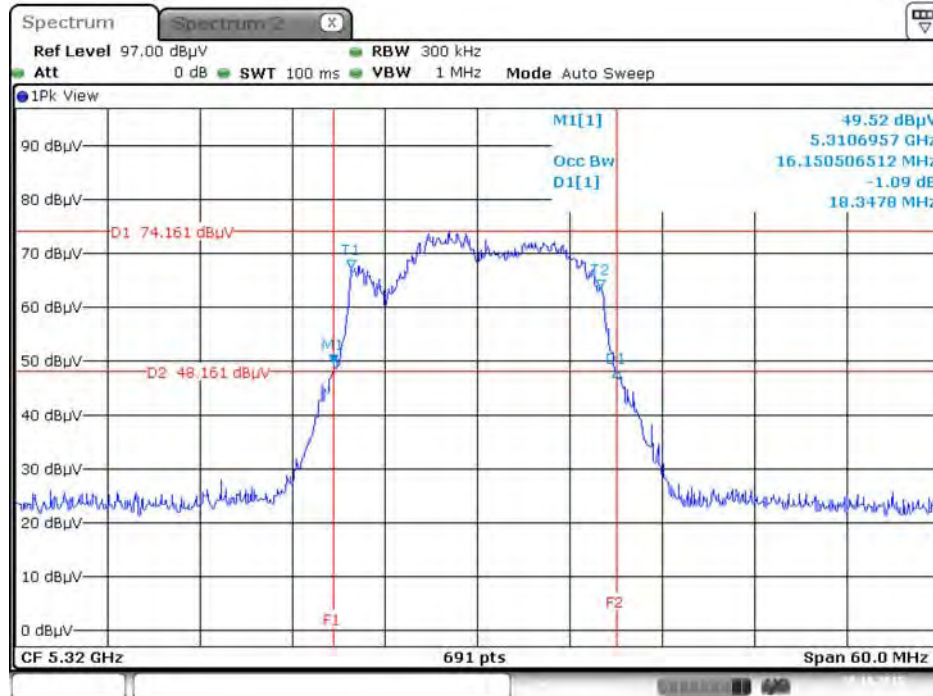
Date: 20.OCT.2015 23:06:27

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



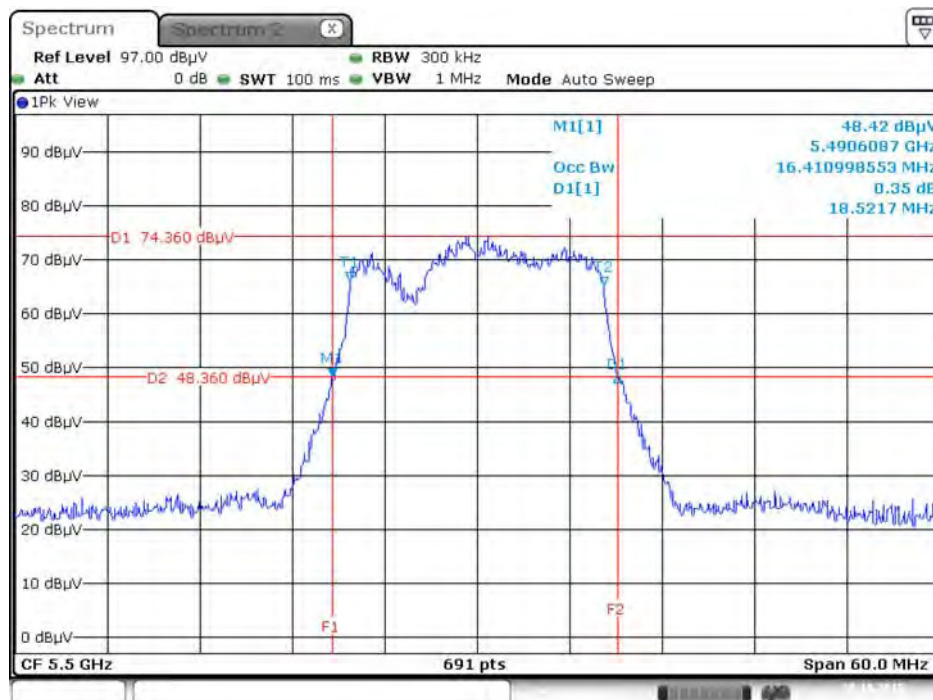
Date: 20.OCT.2015 23:06:57

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



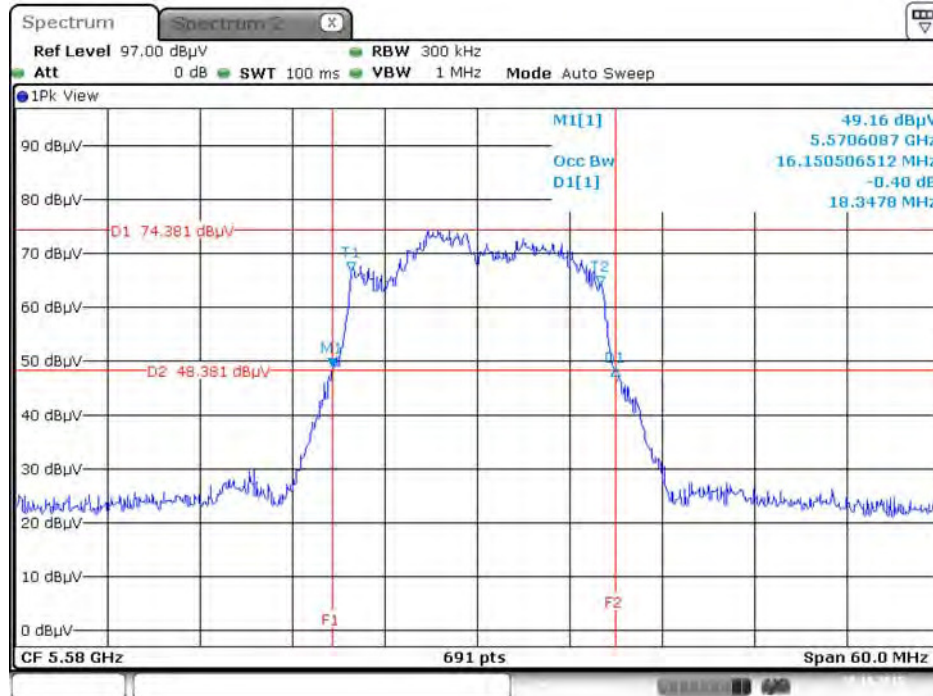
Date: 20.OCT.2015 23:07:35

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



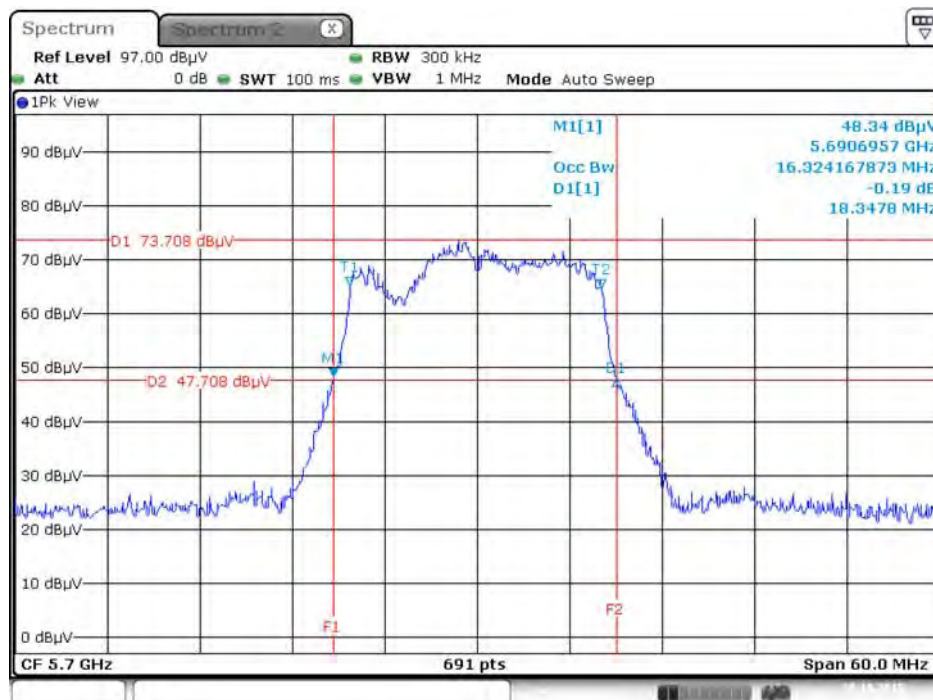
Date: 20.OCT.2015 23:08:02

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



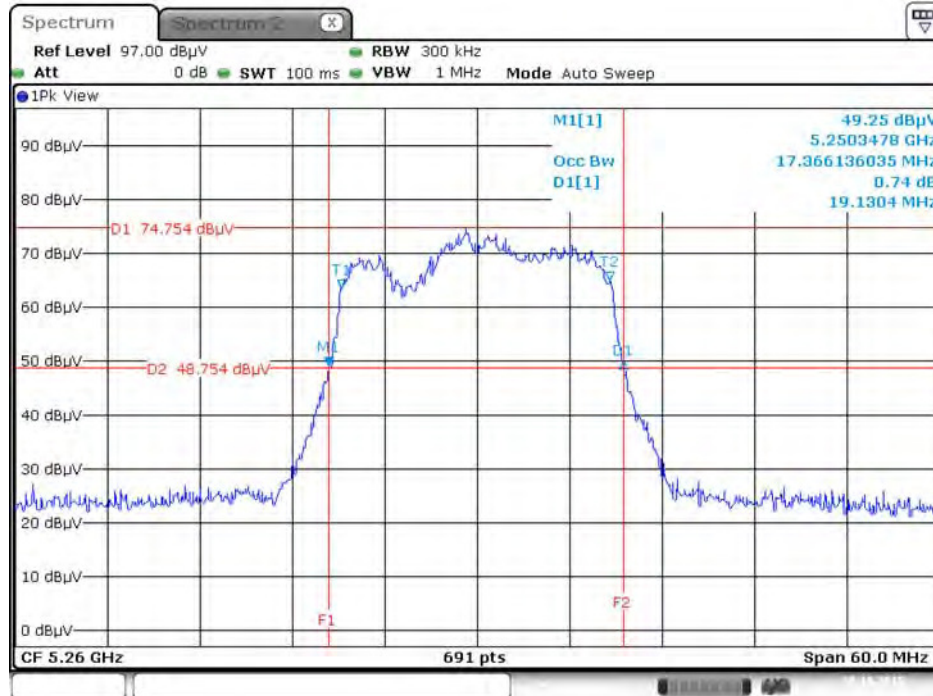
Date: 20.OCT.2015 23:08:39

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5700 MHz



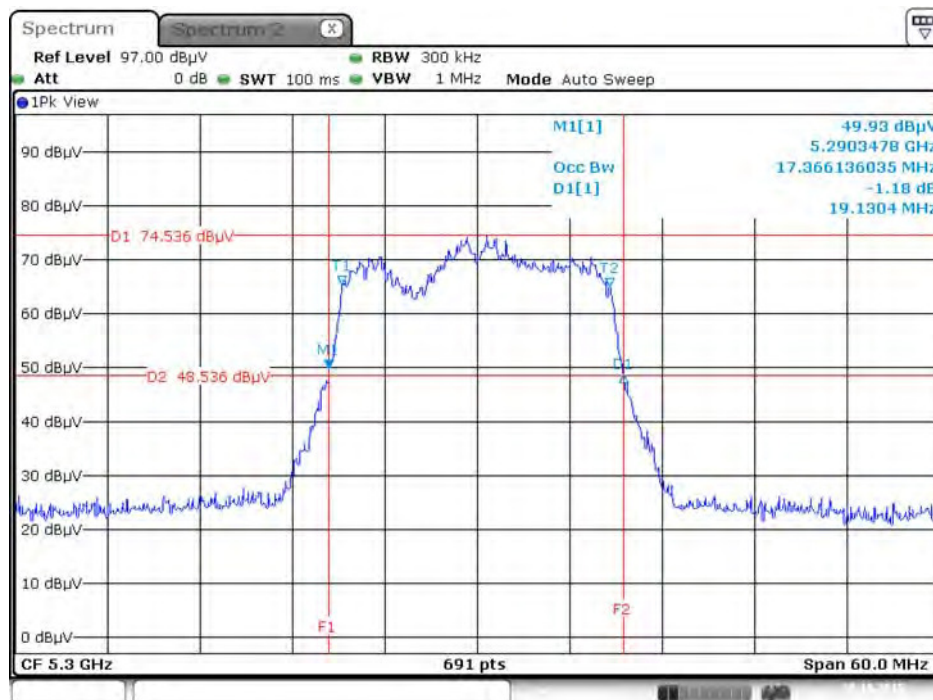
Date: 20.OCT.2015 23:09:14

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



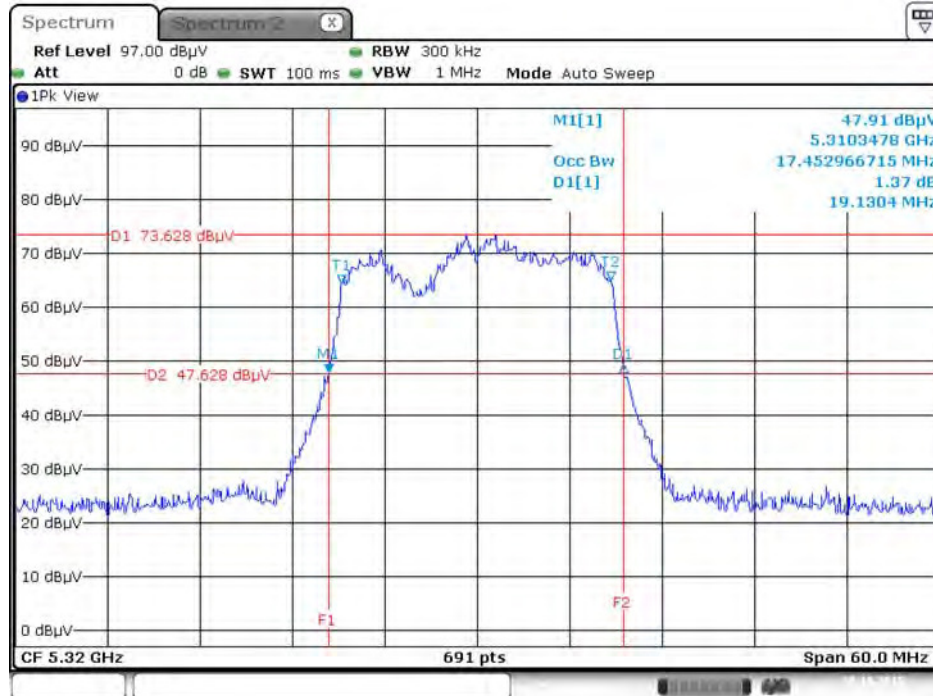
Date: 20.OCT.2015 23:30:57

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



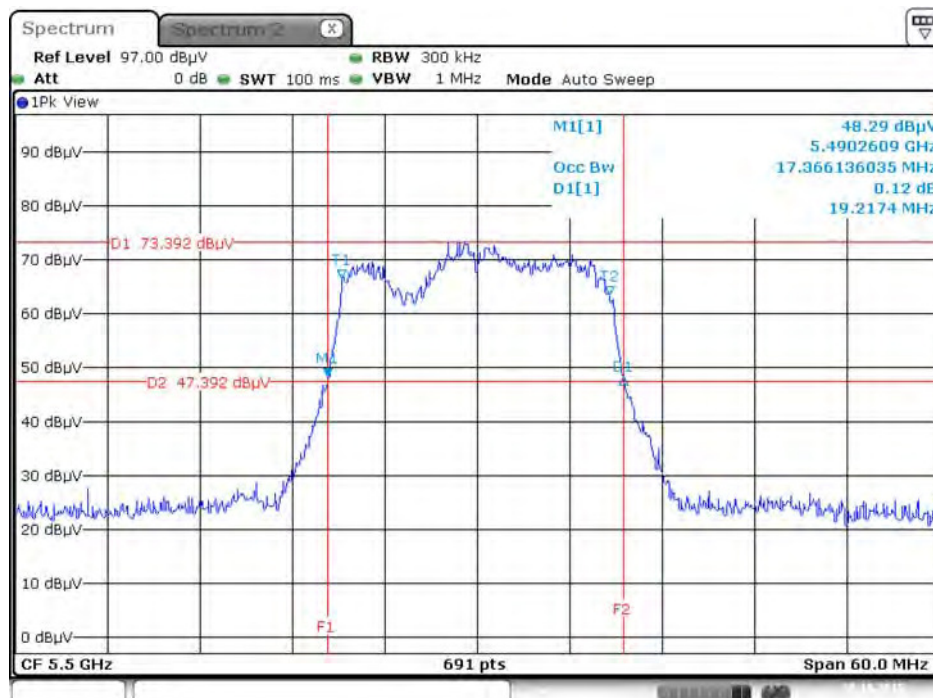
Date: 20.OCT.2015 23:31:26

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



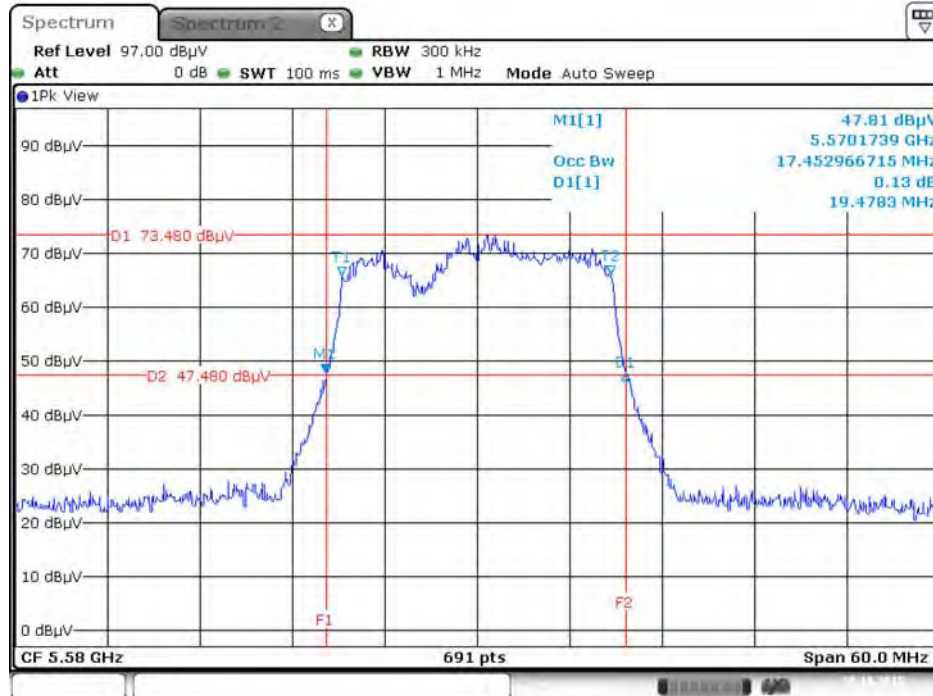
Date: 20.OCT.2015 23:31:59

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



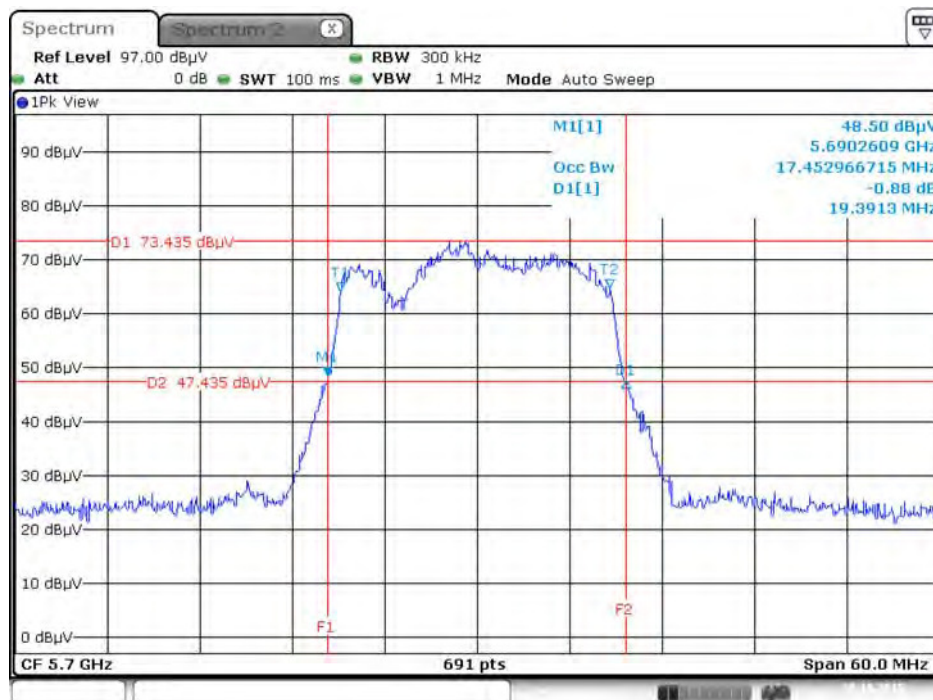
Date: 20.OCT.2015 23:32:32

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



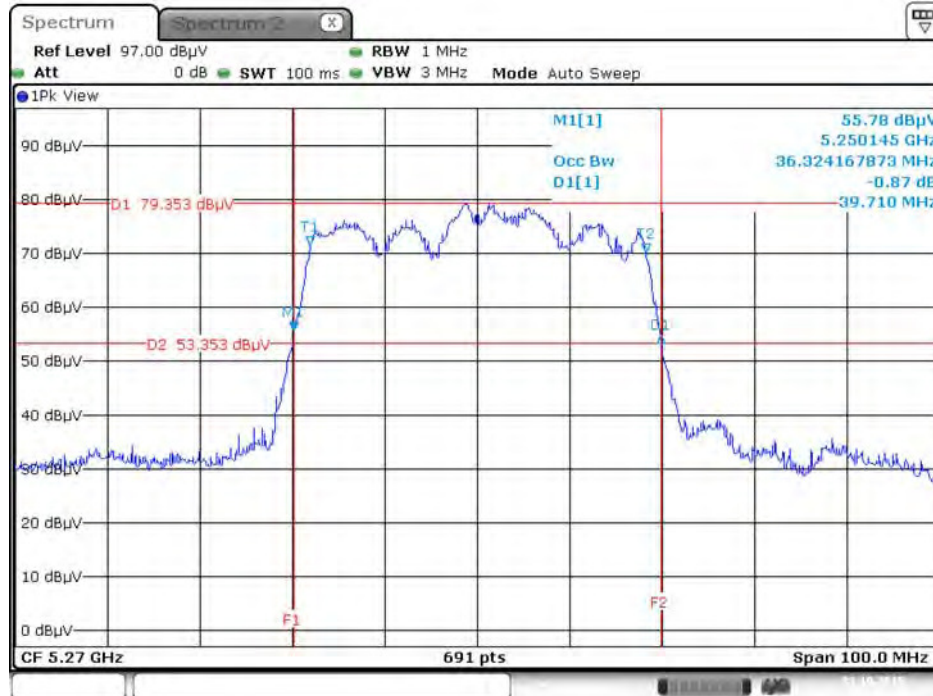
Date: 20.OCT.2015 23:33:03

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5700 MHz



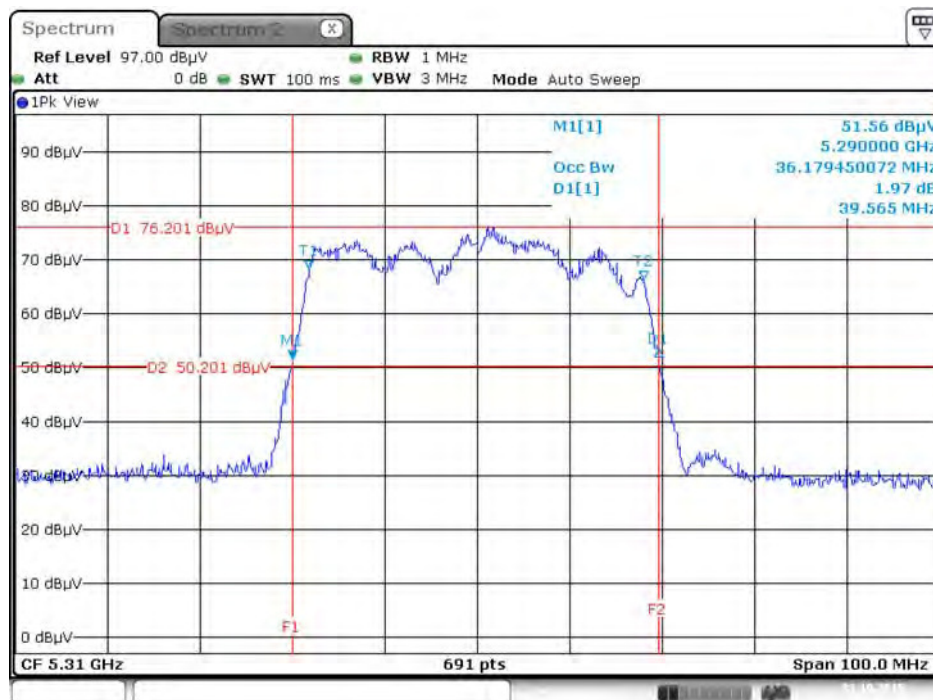
Date: 20.OCT.2015 23:33:37

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



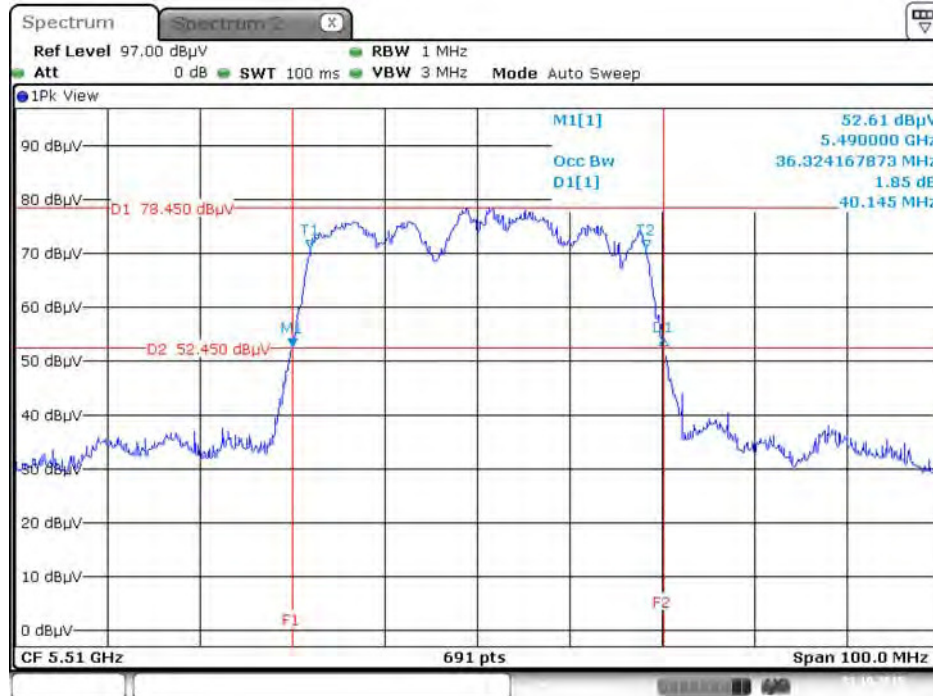
Date: 21.OCT.2015 00:18:45

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



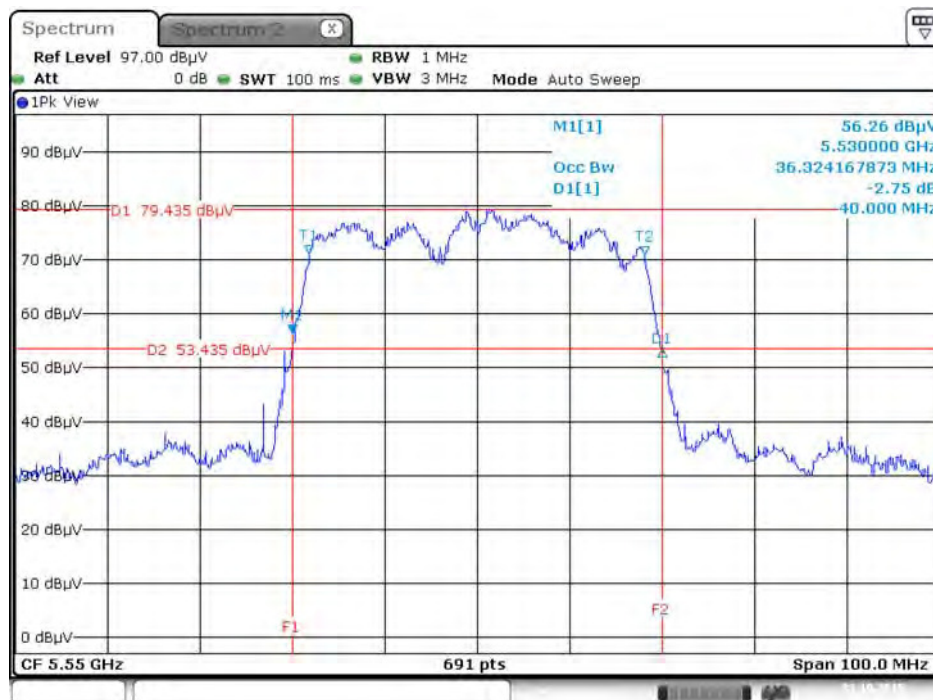
Date: 21.OCT.2015 00:19:24

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5510 MHz



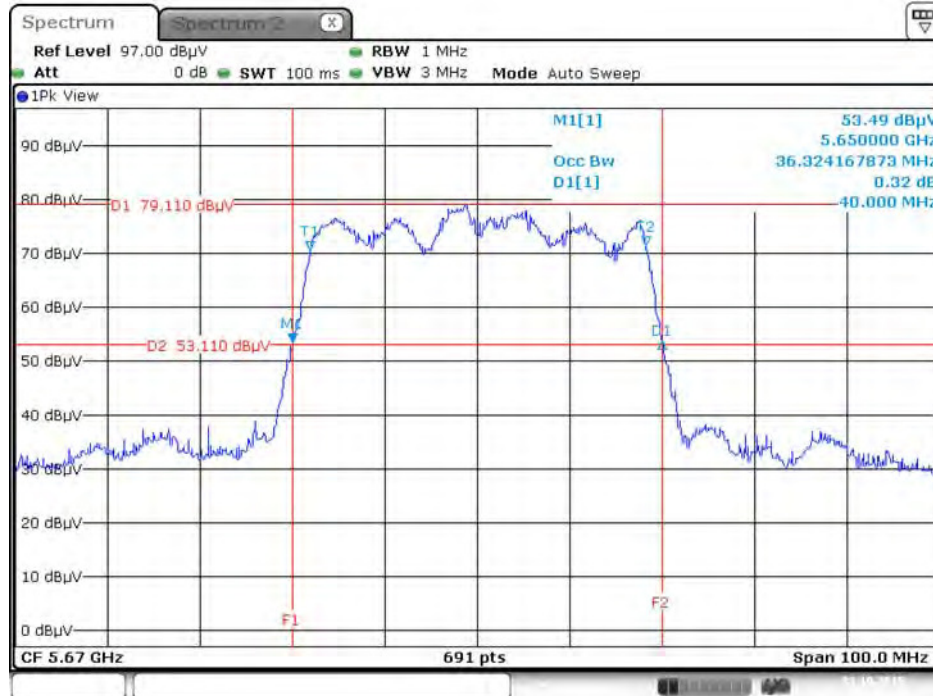
Date: 21.OCT.2015 00:20:03

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



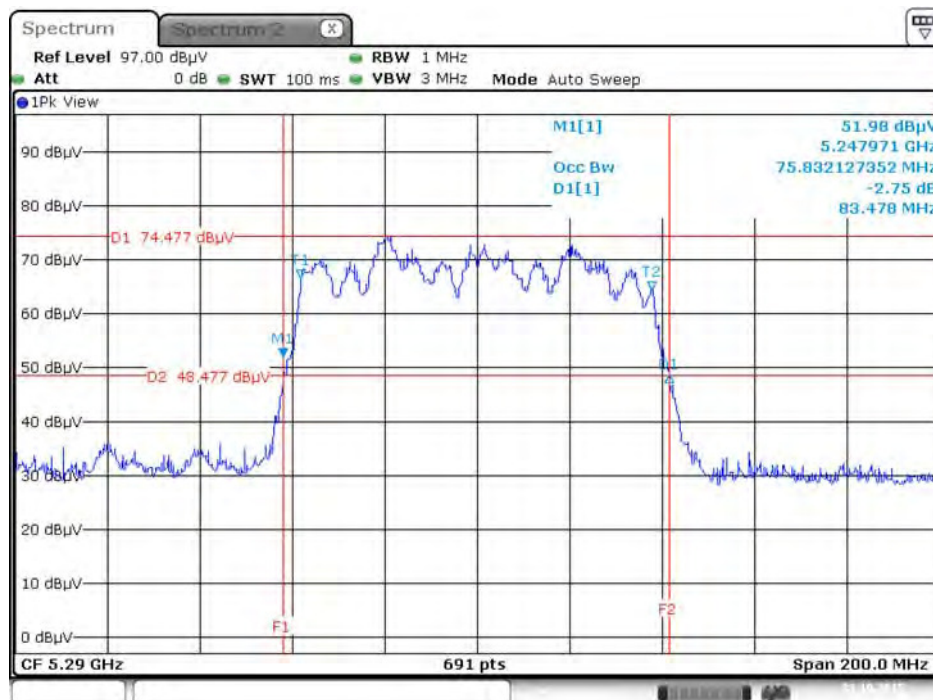
Date: 21.OCT.2015 00:20:35

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5670 MHz



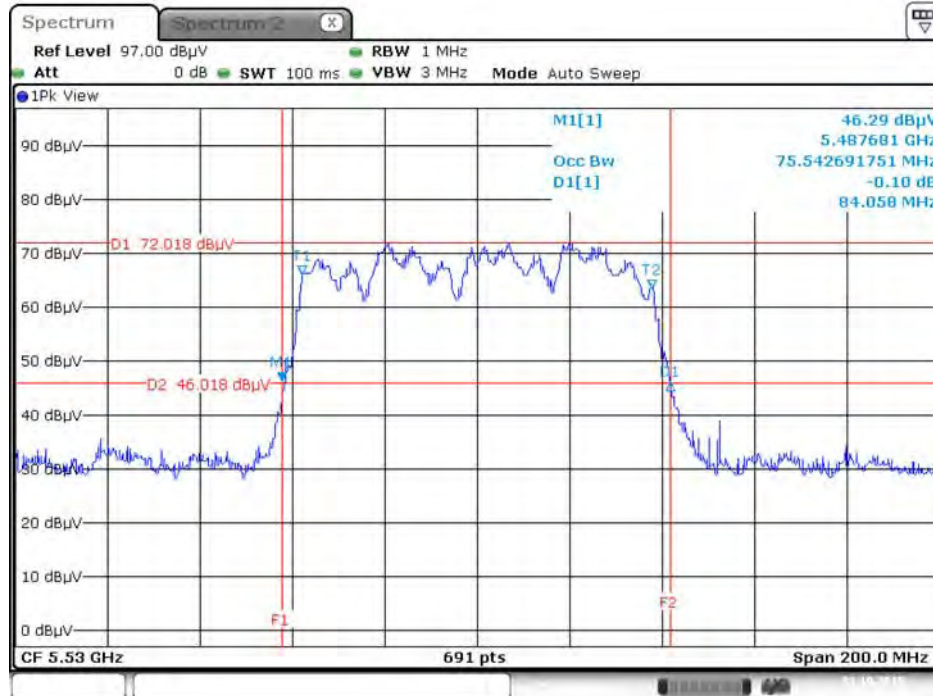
Date: 21.OCT.2015 00:21:11

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



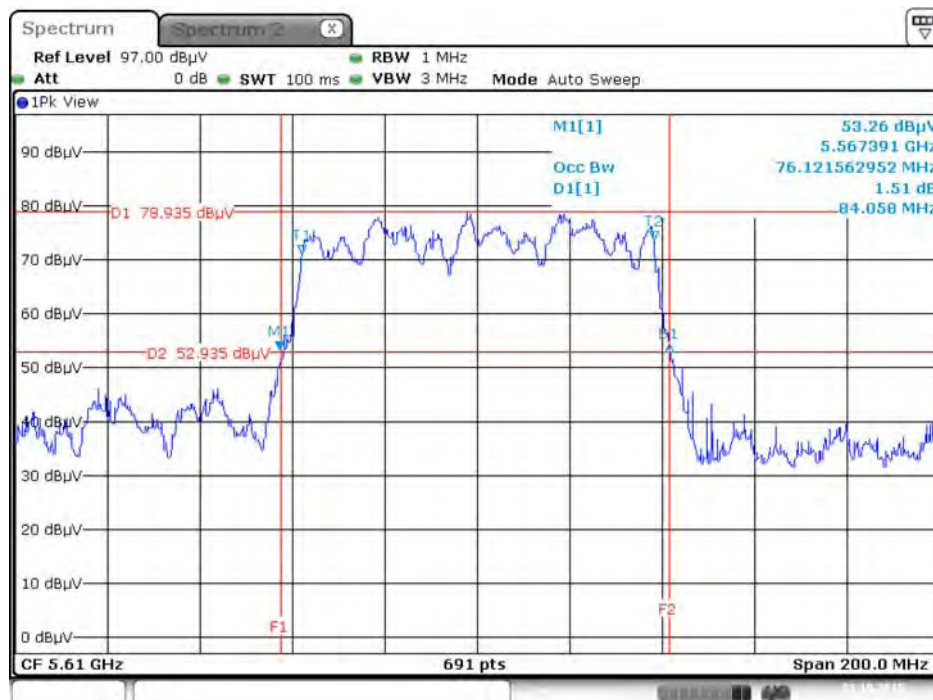
Date: 21.OCT.2015 00:23:55

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



Date: 21.OCT.2015 00:24:33

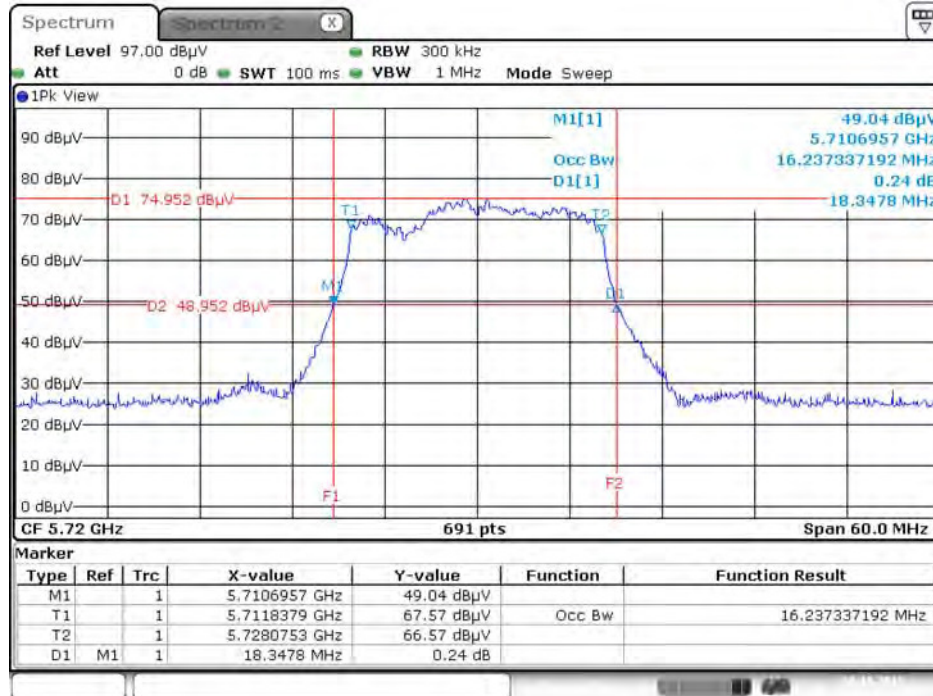
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



Date: 21.OCT.2015 00:25:14

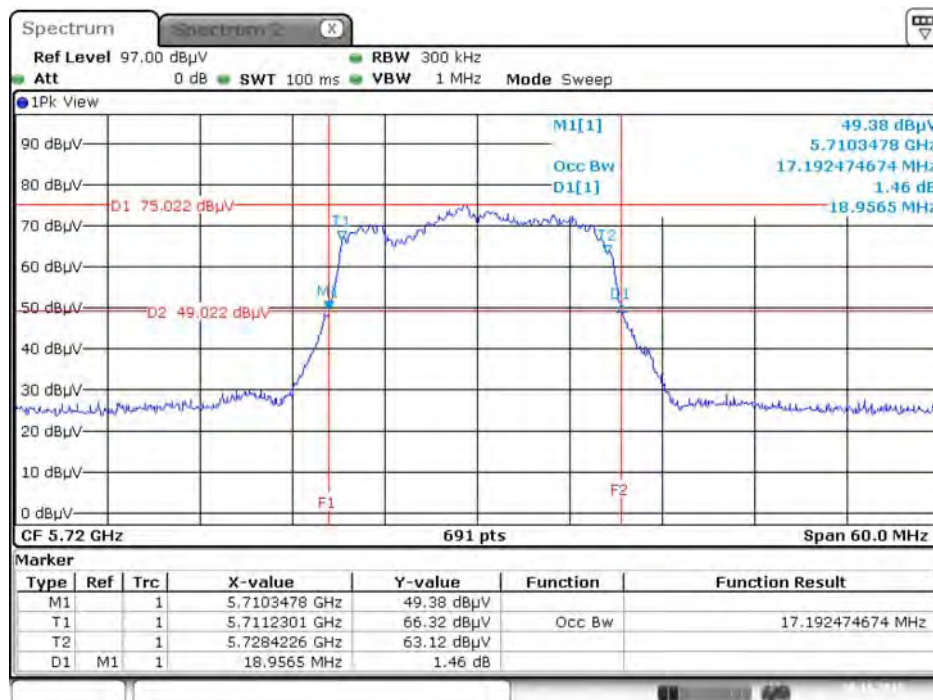
Straddle Channel

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



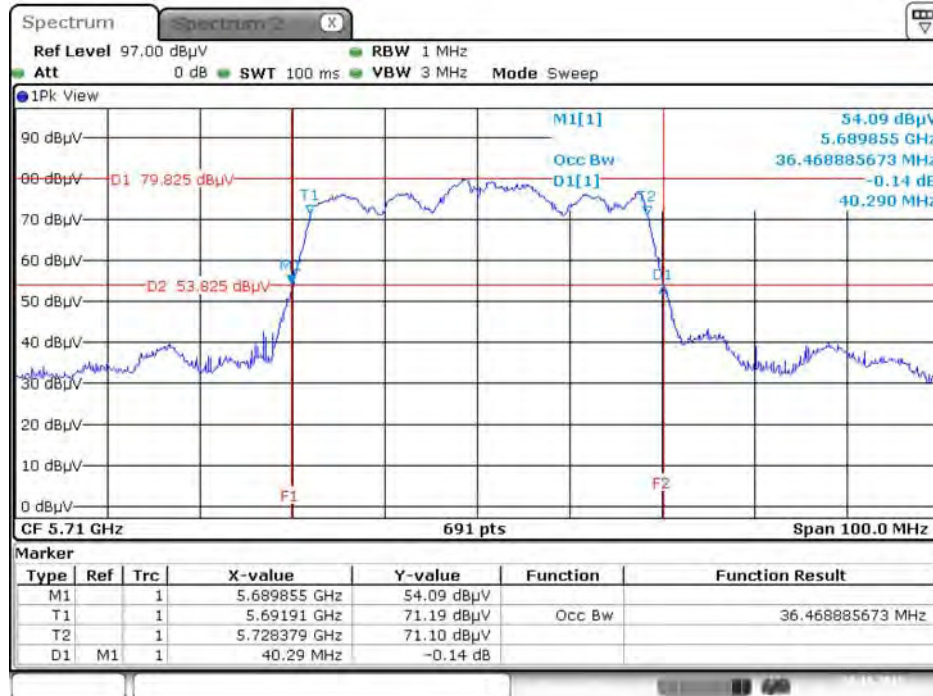
Date: 20.OCT.2015 22:30:11

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



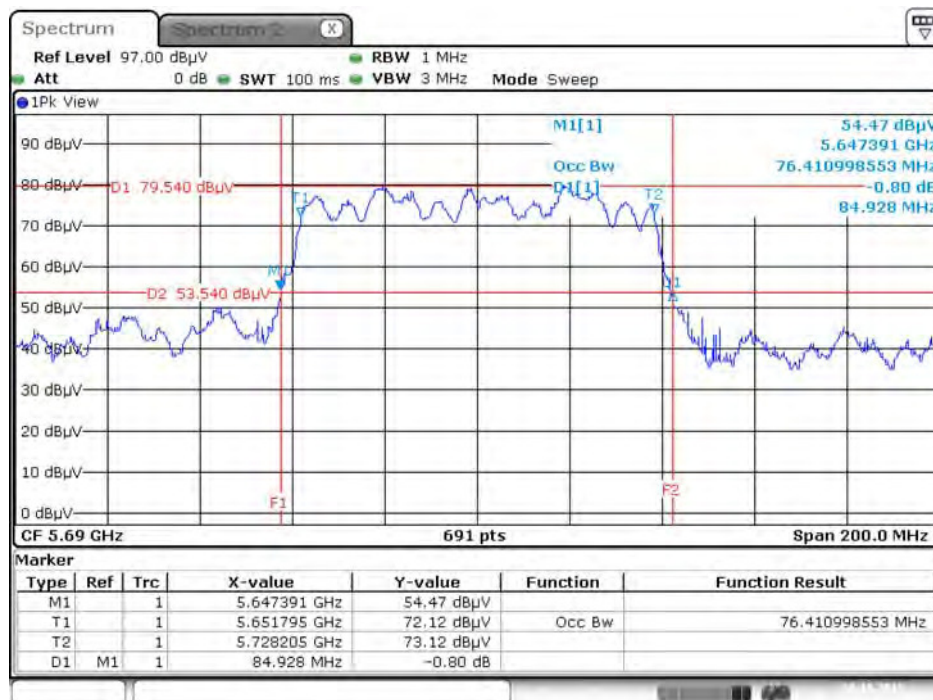
Date: 20.OCT.2015 22:29:42

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 20.OCT.2015 22:30:41

26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 20.OCT.2015 22:31:21

4.2. 6dB Spectrum Bandwidth Measurement

4.2.1. Limit

For digital modulation systems, the minimum 6dB bandwidth shall be at least 500 kHz.

4.2.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer.

| 6dB Spectrum Bandwidth | |
|------------------------|----------------------------|
| Spectrum Parameters | Setting |
| Attenuation | Auto |
| Span Frequency | > 6dB Bandwidth |
| RBW | 100kHz |
| VBW | $\geq 3 \times \text{RBW}$ |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

4.2.3. Test Procedures

For Radiated 6dB Bandwidth Measurement:

1. The transmitter was radiated to the spectrum analyzer in peak hold mode.
2. Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth.
3. Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band.
4. Measured the spectrum width with power higher than 6dB below carrier.

4.2.4. Test Setup Layout

For Radiated 6dB Bandwidth Measurement:

This test setup layout is the same as that shown in section 4.5.4.

4.2.5. Test Deviation

There is no deviation with the original standard.

4.2.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.2.7. Test Result of 6dB Spectrum Bandwidth

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 16.29 | 5711.83 | 3.12 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 16.99 | 5711.19 | 3.17 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 33.86 | 5693.65 | 2.51 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 73.33 | 5654.93 | 3.26 | 500 | Complies |

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 15.01 | 5712.52 | 2.54 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 8.75 | 5718.72 | 2.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 34.55 | 5693.65 | 3.20 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 73.91 | 5653.77 | 2.68 | 500 | Complies |

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 15.01 | 5712.52 | 2.54 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 8.75 | 5718.72 | 2.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 34.55 | 5693.65 | 3.20 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 75.07 | 5652.32 | 2.39 | 500 | Complies |

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 14.96 | 5712.46 | 2.42 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 17.57 | 5711.25 | 3.81 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 21.91 | 5704.44 | 1.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 64.64 | 5663.04 | 2.68 | 500 | Complies |

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 15.01 | 5712.52 | 2.54 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 8.46 | 5718.79 | 2.25 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 33.74 | 5693.42 | 2.16 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 75.07 | 5652.32 | 2.39 | 500 | Complies |



| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 15.01 | 5712.46 | 2.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 8.46 | 5718.78 | 2.25 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 33.74 | 5693.42 | 2.16 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 75.07 | 5652.32 | 2.39 | 500 | Complies |

| | | | |
|----------------------|---|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi | | |

Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 10.67 | 5717.45 | 3.12 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 16.35 | 5711.83 | 3.17 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 33.86 | 5693.77 | 2.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 72.75 | 5654.93 | 2.68 | 500 | Complies |

| | | | |
|----------------------|--|-----------------|-----|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | | |
| Test Mode | Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi | | |

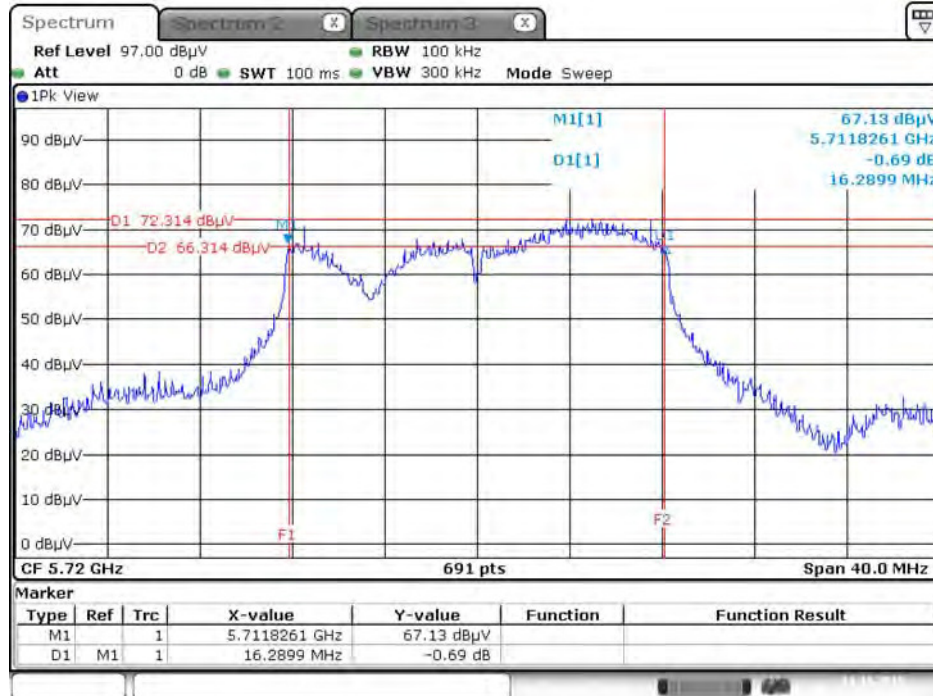
Straddle Channel

| Mode | Frequency | 6dB BW (MHz) | 6dB BW F2 (MHz) | UNII 3 BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------------------|-----------|--------------|-----------------|-----------------|------------------|-------------|
| 802.11a | 5720 MHz | 15.65 | 5711.83 | 2.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz | 9.51 | 5717.10 | 1.61 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz | 35.59 | 5692.49 | 3.09 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz | 73.33 | 5654.35 | 2.68 | 500 | Complies |

Straddle Channel

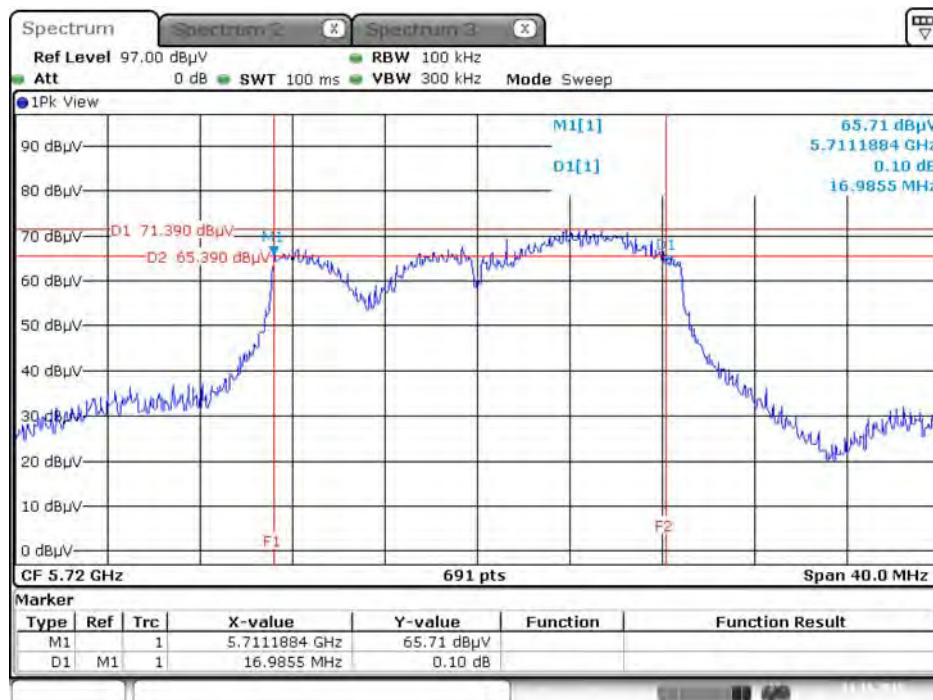
Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



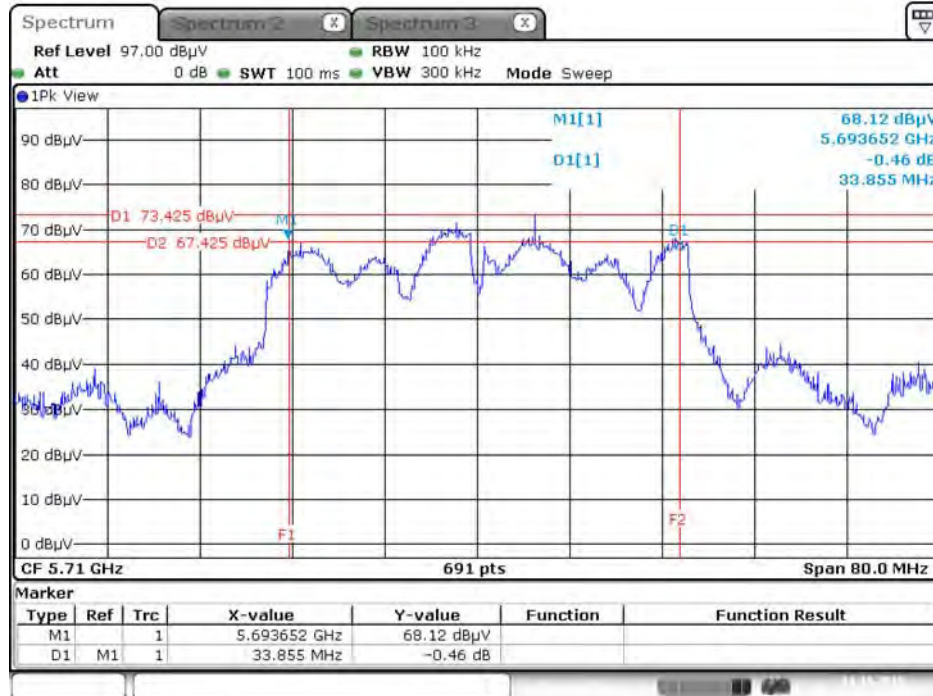
Date: 11.NOV.2015 01:09:09

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



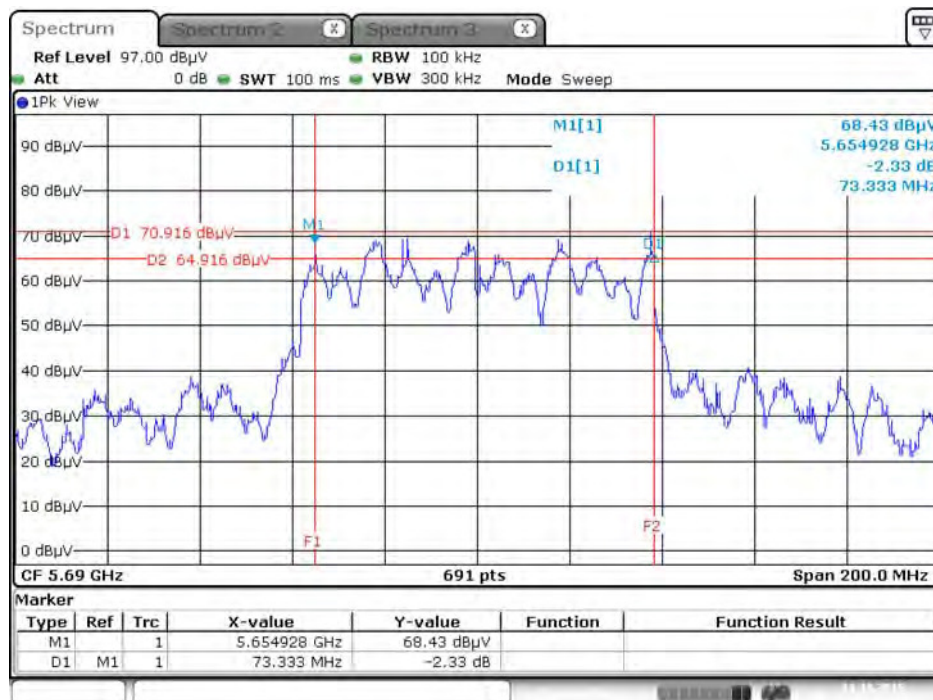
Date: 11.NOV.2015 01:09:43

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 11.NOV.2015 01:10:46

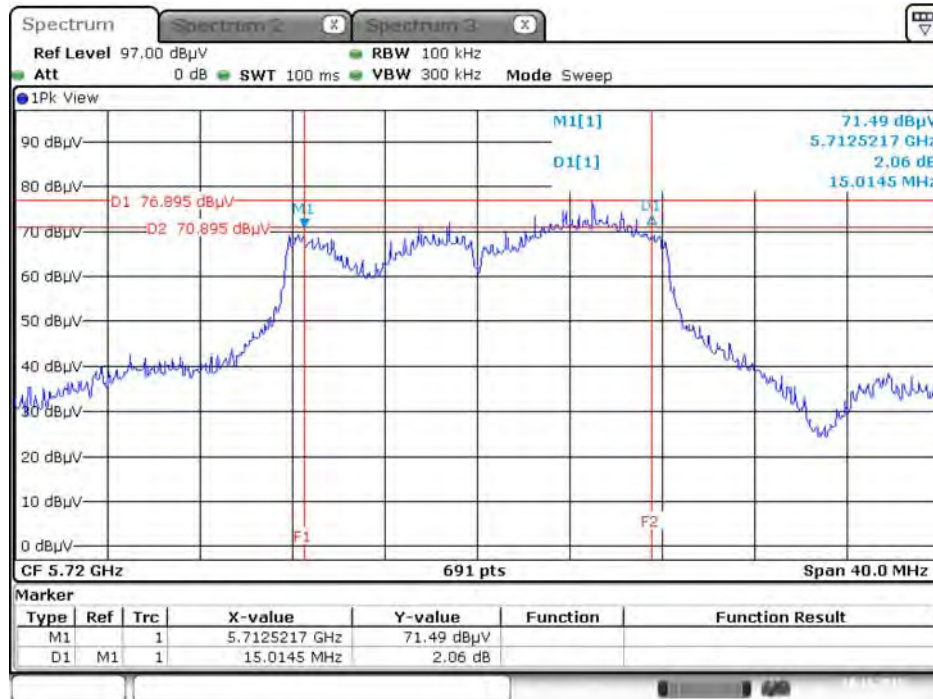
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 11.NOV.2015 01:12:08

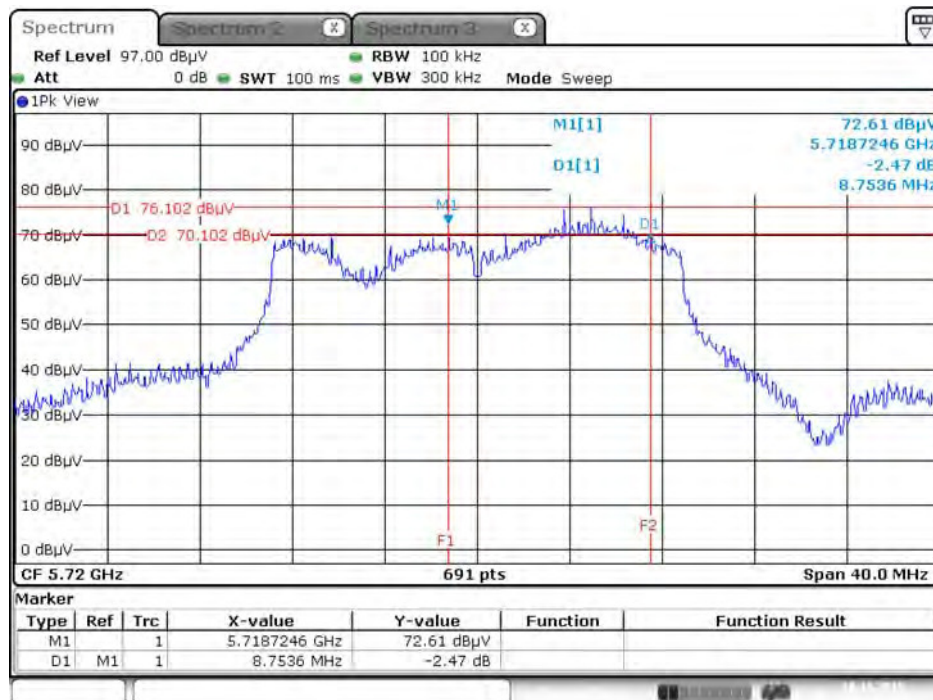
Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



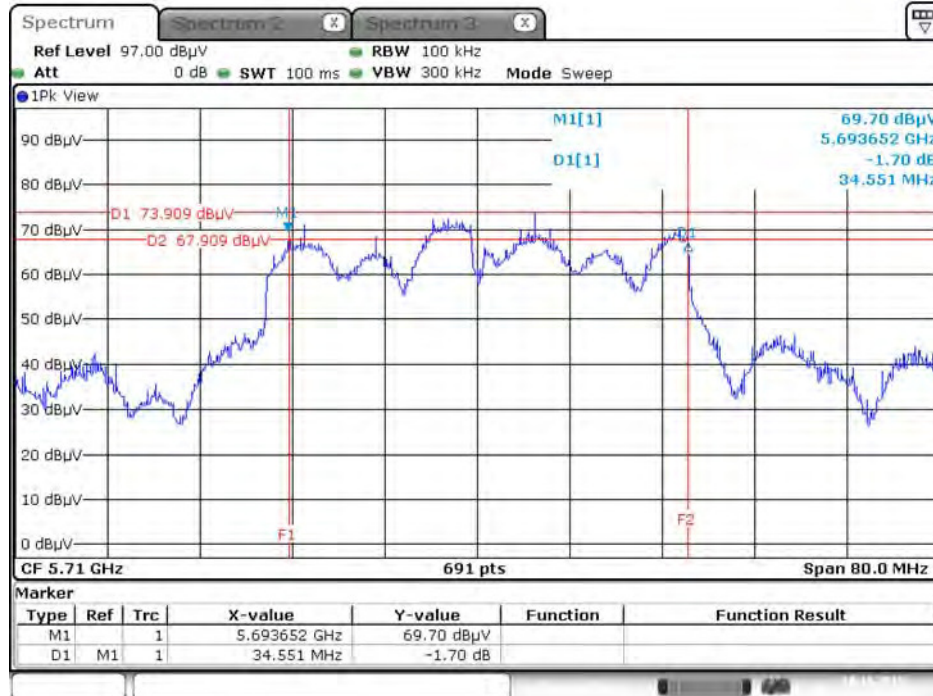
Date: 10.NOV.2015 21:23:34

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



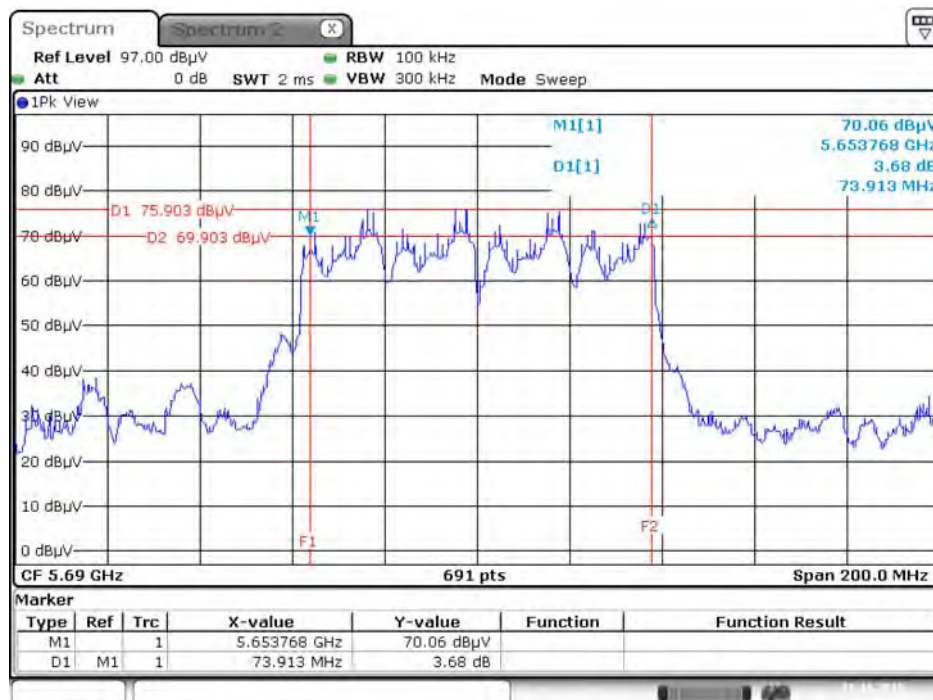
Date: 10.NOV.2015 21:24:32

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 10.NOV.2015 21:27:03

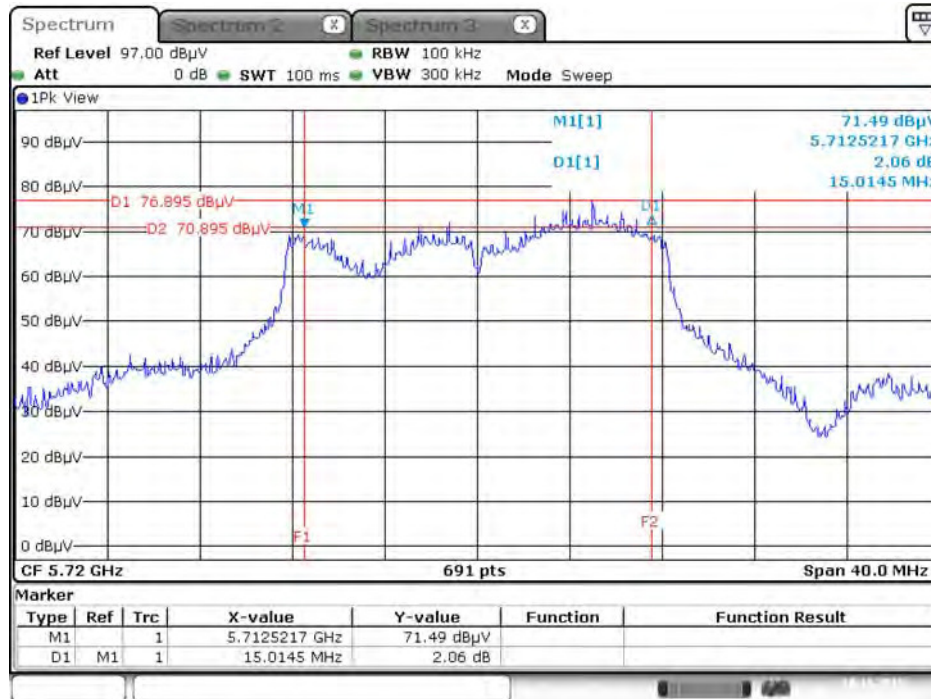
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 15.NOV.2015 04:04:22

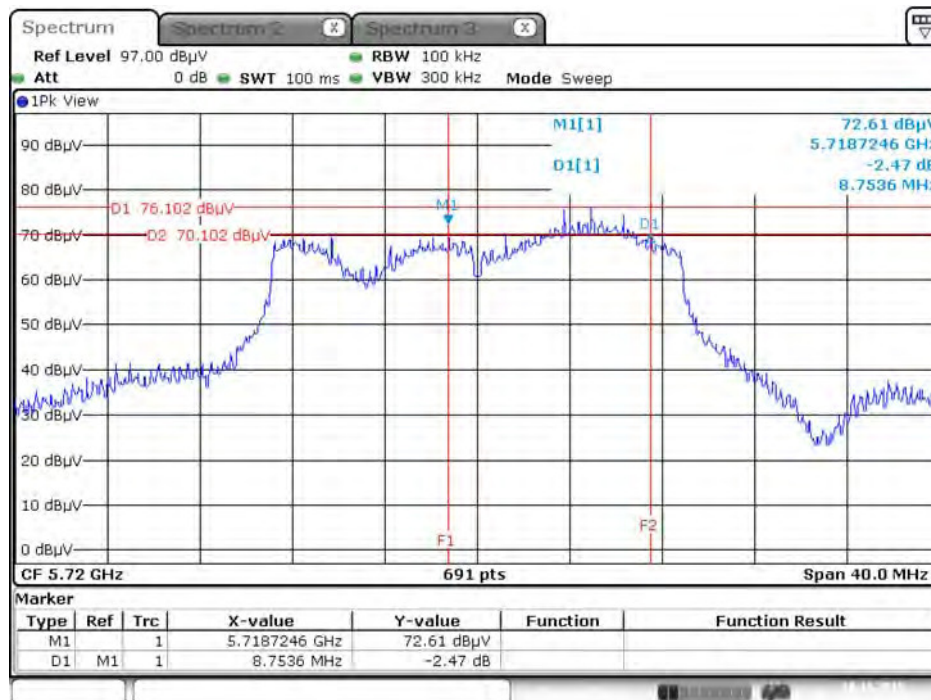
Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



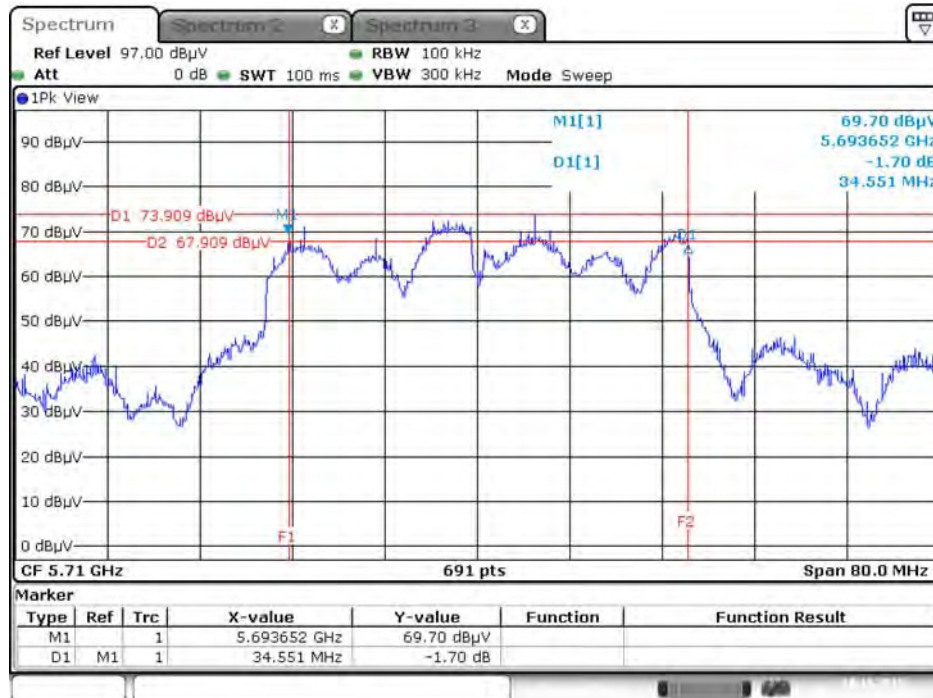
Date: 10.NOV.2015 21:23:34

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



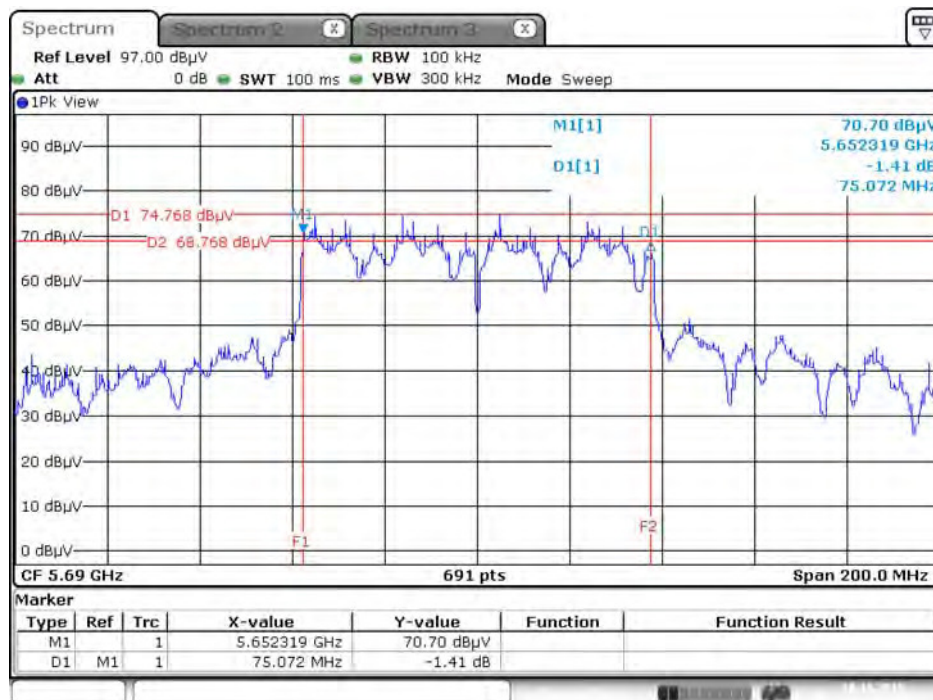
Date: 10.NOV.2015 21:24:32

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 10.NOV.2015 21:27:03

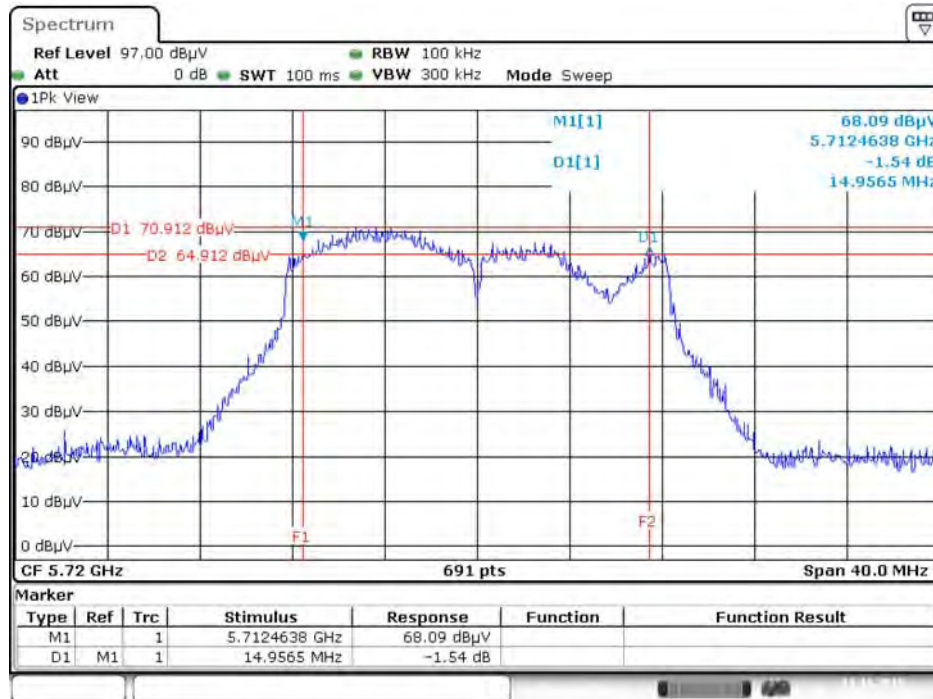
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 10.NOV.2015 21:21:21

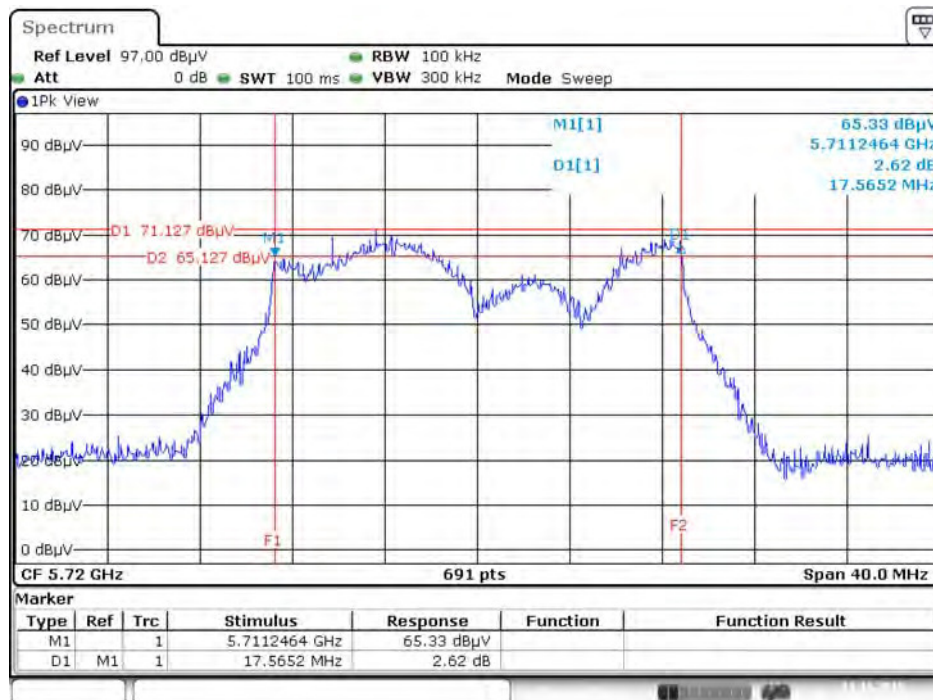
Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



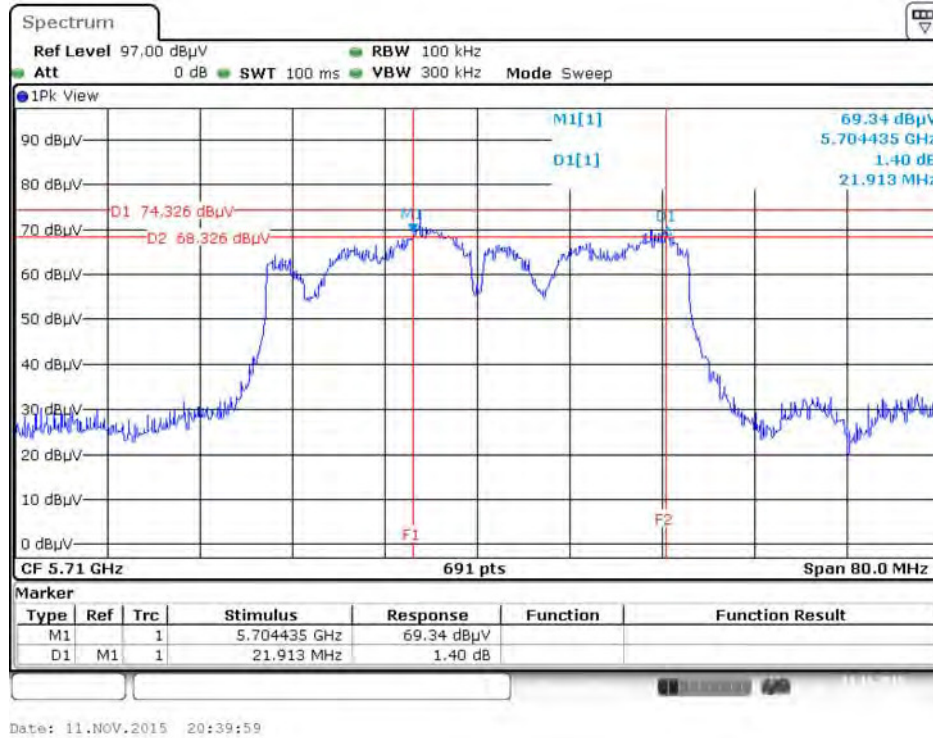
Date: 11.Nov.2015 20:37:35

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz

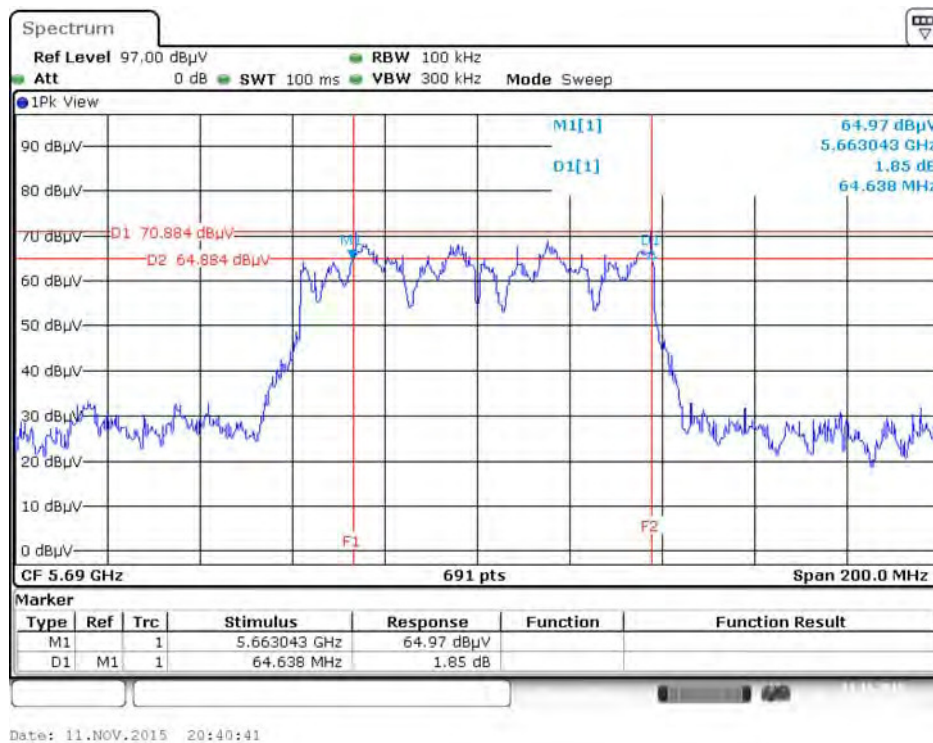


Date: 11.Nov.2015 20:39:02

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz

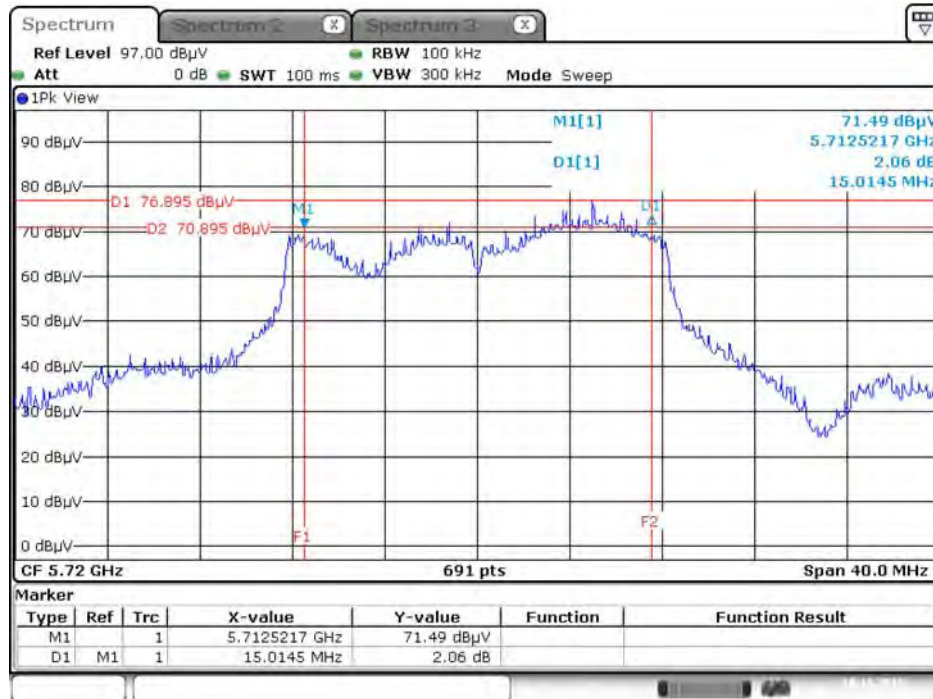


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



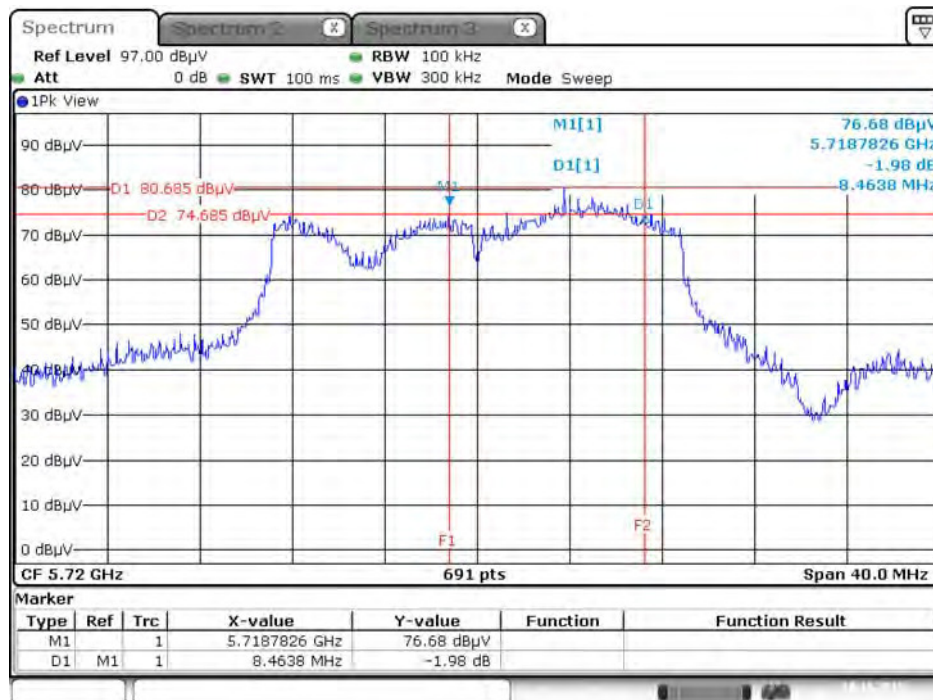
Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



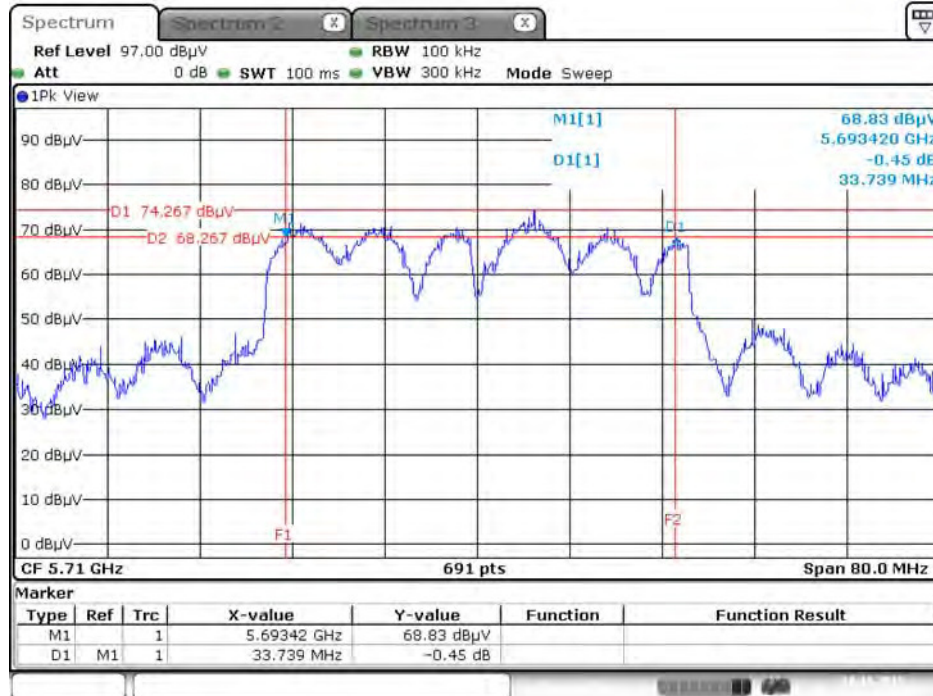
Date: 10.NOV.2015 21:23:34

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



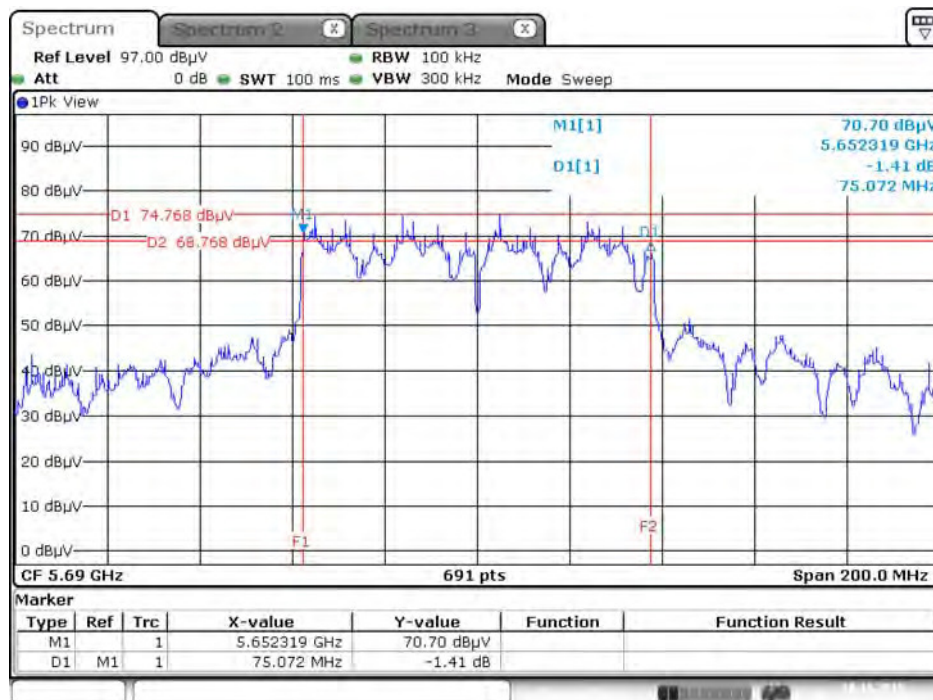
Date: 10.NOV.2015 21:08:32

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 10.NOV.2015 21:14:01

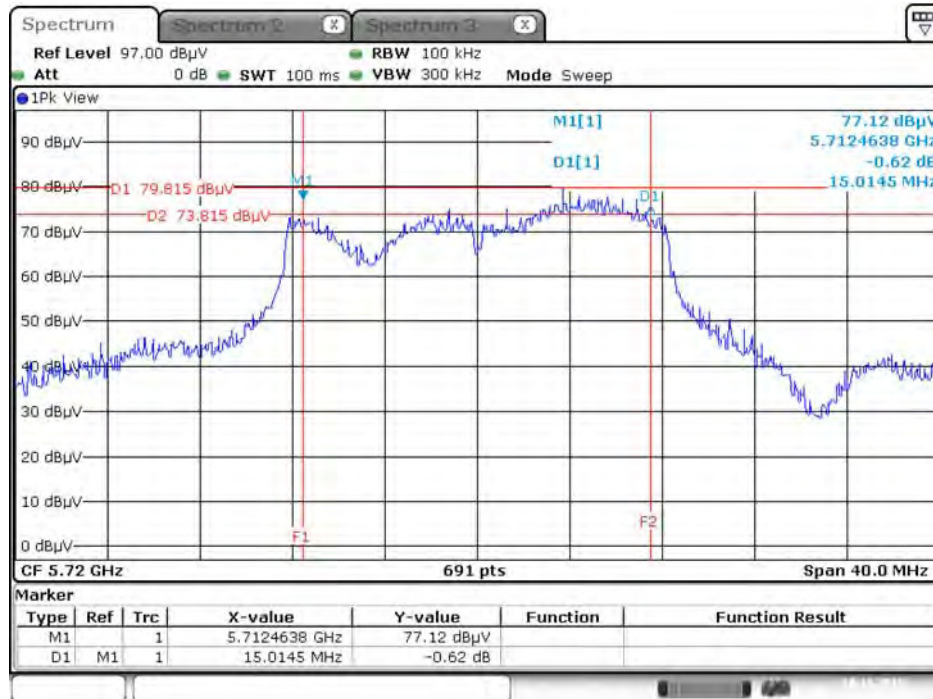
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 10.NOV.2015 21:21:21

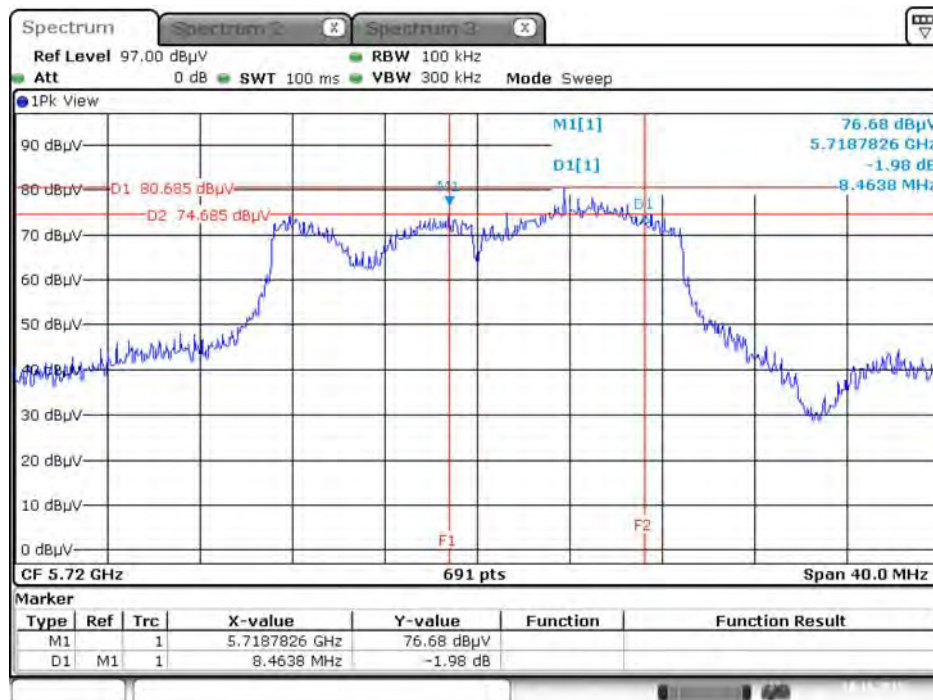
Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



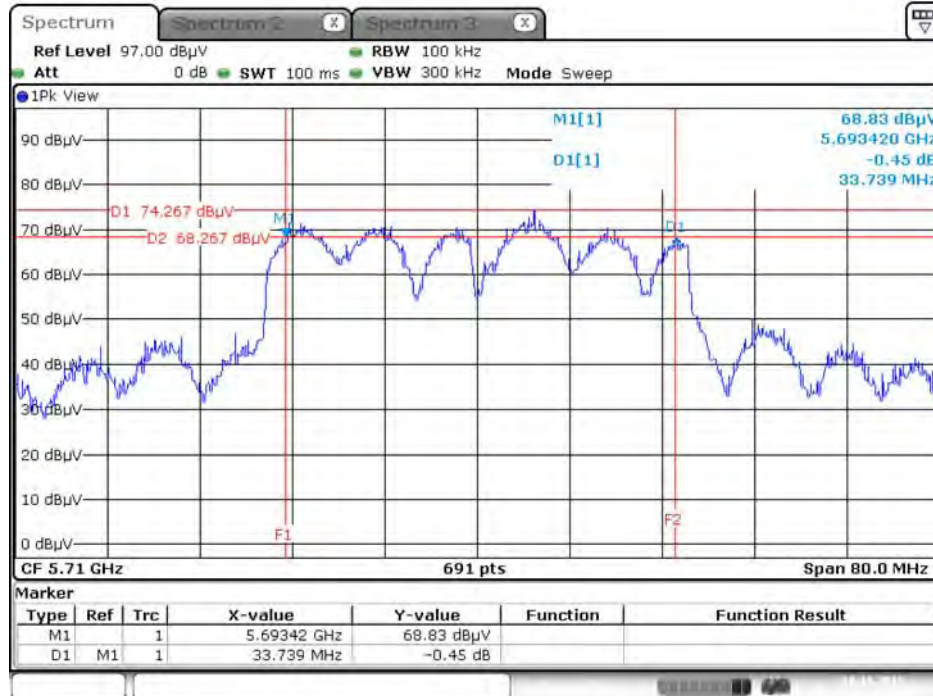
Date: 10.NOV.2015 21:07:38

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



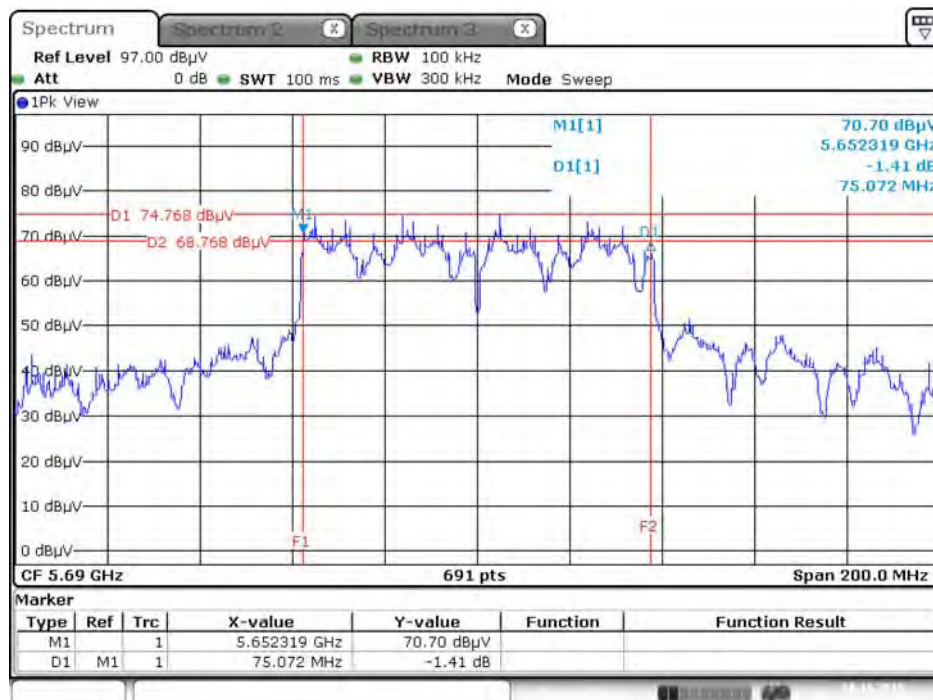
Date: 10.NOV.2015 21:08:32

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 10.NOV.2015 21:14:01

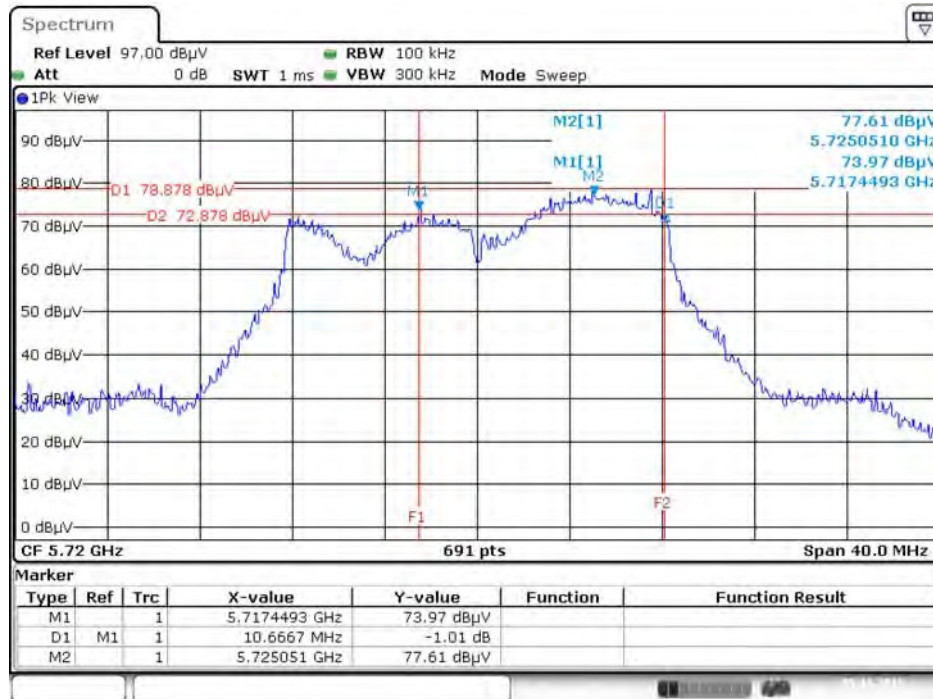
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 10.NOV.2015 21:21:21

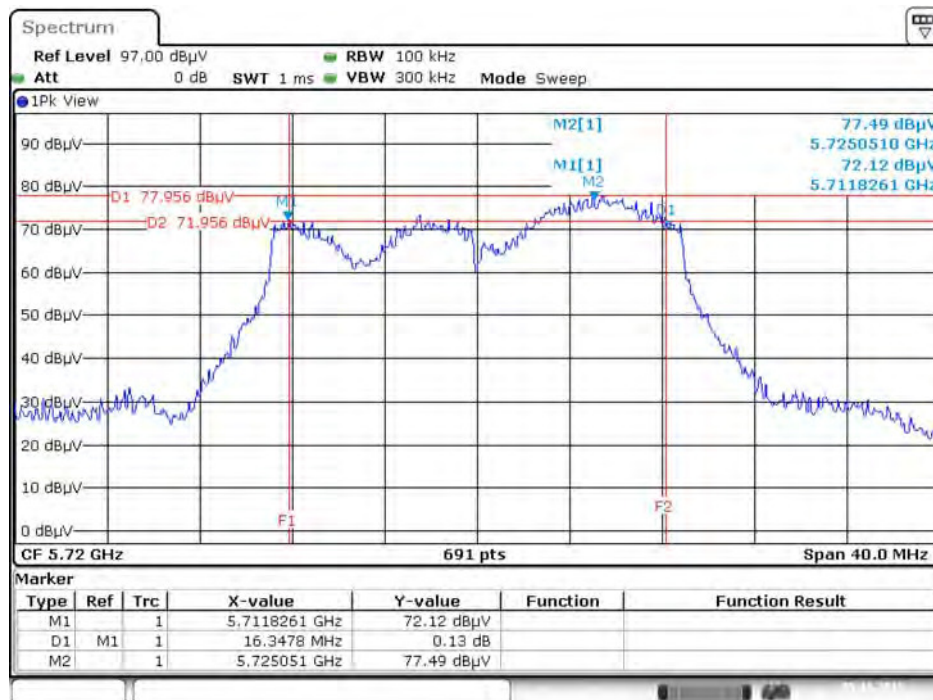
Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



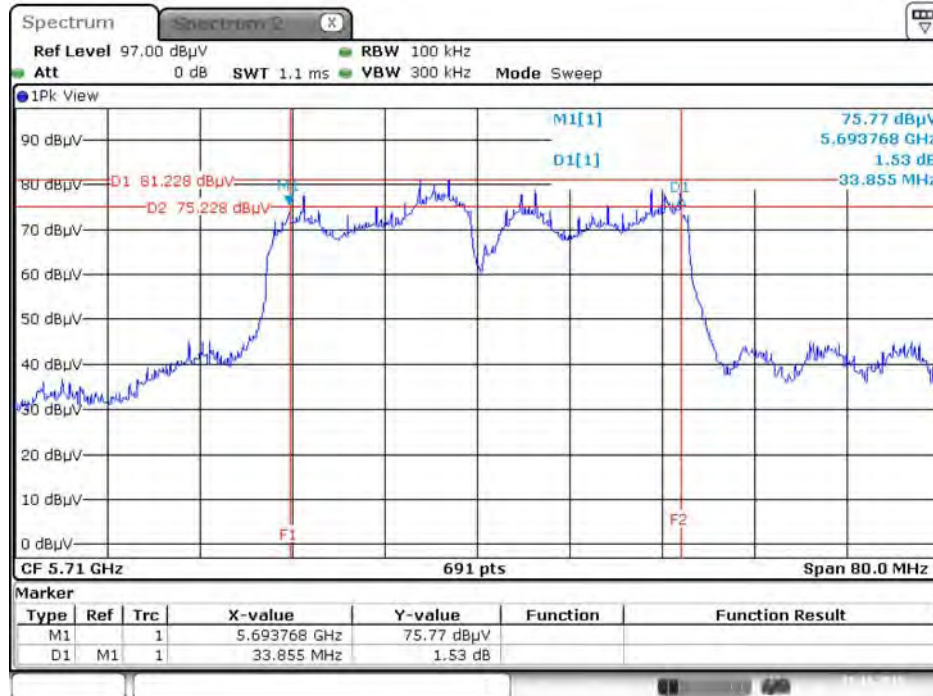
Date: 5.NOV.2015 18:11:30

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



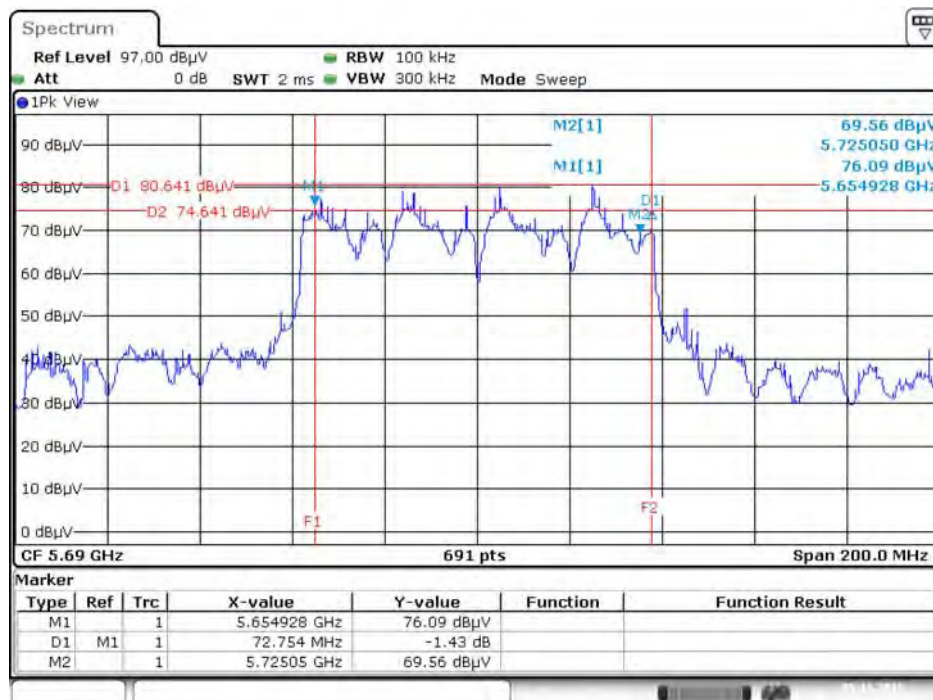
Date: 5.NOV.2015 18:12:01

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 15.NOV.2015 04:01:01

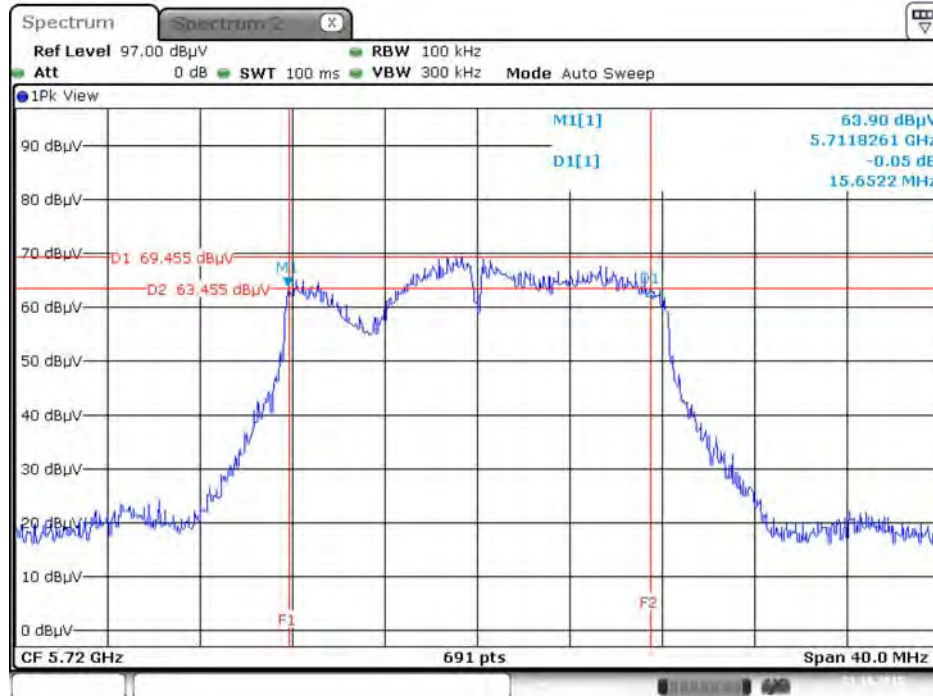
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 5.NOV.2015 18:09:30

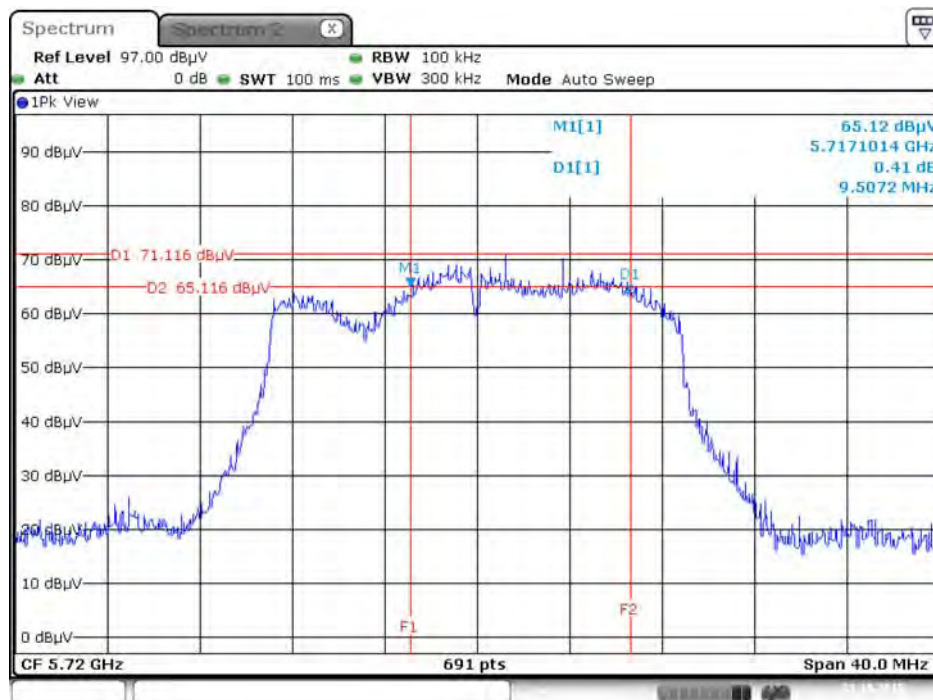
Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi

6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



Date: 21.OCT.2015 00:33:23

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz



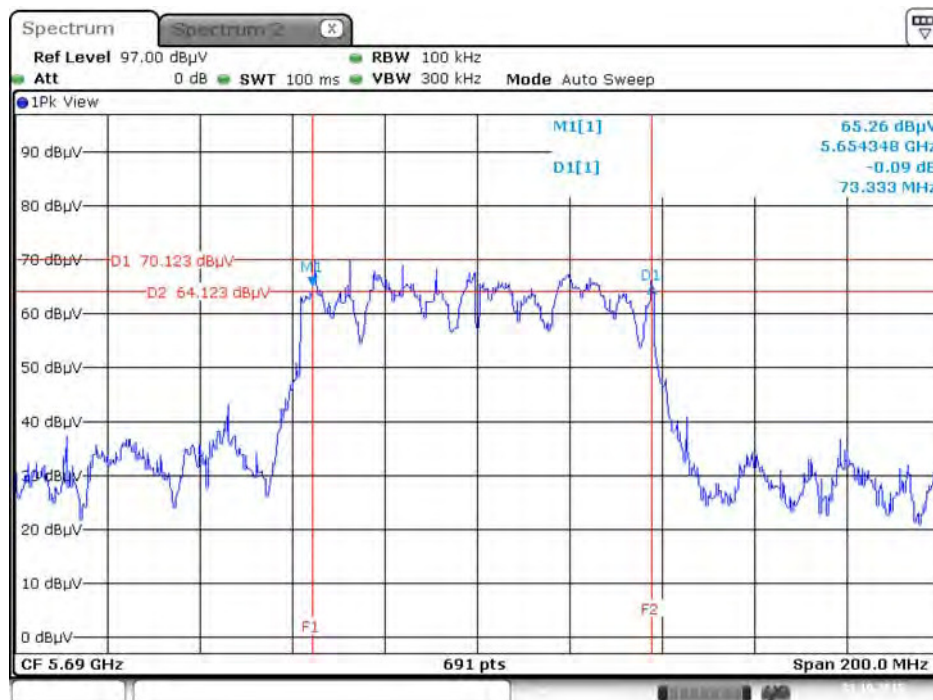
Date: 21.OCT.2015 00:33:57

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz



Date: 21.OCT.2015 00:34:43

6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz



Date: 21.OCT.2015 00:36:10

4.3. Maximum Conducted Output Power Measurement

4.3.1. Limit

| Frequency Band | | Limit |
|-------------------------------------|-----------------|--|
| <input checked="" type="checkbox"/> | 5.25-5.35 GHz | The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. |
| <input checked="" type="checkbox"/> | 5.470-5.725 GHz | |

4.3.2. Measuring Instruments and Setting

For other channel:

Please refer to section 5 of equipments list in this report. The following table is the setting of the power meter.

| Power Meter Parameter | Setting |
|-----------------------|---------|
| Detector | AVERAGE |

For straddle channel:

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

| Spectrum Parameter | Setting |
|--------------------|--|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | 1000 kHz |
| VBW | 3000 kHz |
| Detector | RMS |
| Trace | Average Sweep count 100 |
| Sweep Time | Auto |

4.3.3. Test Procedures

For other channel:

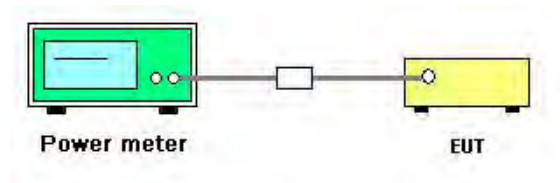
1. The transmitter output (antenna port) was connected to the power meter.
2. Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter).
3. Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band.
4. When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula.

For straddle channel:

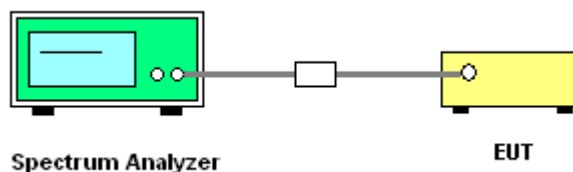
1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. Test was performed in accordance with FCC Public Notice DA 02-2138, August 30, 2002.

4.3.4. Test Setup Layout

For other channel:



For straddle channel:



4.3.5. Test Deviation

There is no deviation with the original standard.

4.3.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.3.7. Test Result of Maximum Conducted Output Power

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 10, 2015 |
| Test Mode | Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 13.08 | 14.27 | 13.58 | 13.46 | 19.64 | 23.00 | Complies |
| | 5300 MHz | 13.07 | 14.31 | 13.64 | 13.86 | 19.76 | 22.74 | Complies |
| | 5320 MHz | 13.09 | 14.18 | 13.66 | 13.93 | 19.75 | 22.78 | Complies |
| | 5500 MHz | 13.34 | 13.21 | 13.82 | 14.04 | 19.64 | 22.76 | Complies |
| | 5580 MHz | 13.05 | 13.89 | 13.77 | 13.82 | 19.67 | 22.93 | Complies |
| | 5700 MHz | 13.02 | 13.58 | 14.02 | 13.94 | 19.68 | 22.88 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 13.12 | 14.17 | 13.75 | 13.51 | 19.67 | 23.00 | Complies |
| | 5300 MHz | 13.09 | 14.21 | 13.56 | 13.73 | 19.69 | 22.99 | Complies |
| | 5320 MHz | 13.17 | 14.25 | 13.81 | 13.78 | 19.79 | 23.00 | Complies |
| | 5500 MHz | 14.31 | 13.02 | 13.24 | 13.75 | 19.63 | 23.00 | Complies |
| | 5580 MHz | 13.25 | 13.79 | 14.15 | 14.02 | 19.84 | 23.00 | Complies |
| | 5700 MHz | 12.96 | 13.85 | 14.19 | 13.93 | 19.78 | 22.99 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 16.28 | 17.02 | 16.45 | 16.34 | 22.55 | 23.00 | Complies |
| | 5310 MHz | 12.27 | 12.88 | 12.11 | 12.07 | 18.37 | 23.00 | Complies |
| | 5510 MHz | 15.14 | 14.86 | 15.52 | 15.25 | 21.22 | 23.00 | Complies |
| | 5550 MHz | 16.68 | 16.62 | 16.58 | 16.96 | 22.73 | 23.00 | Complies |
| | 5670 MHz | 15.96 | 16.55 | 16.67 | 16.84 | 22.54 | 23.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 11.72 | 12.26 | 11.57 | 11.63 | 17.82 | 23.00 | Complies |
| | 5530 MHz | 10.36 | 10.17 | 10.73 | 10.66 | 16.51 | 23.00 | Complies |
| | 5610 MHz | 16.34 | 16.97 | 17.08 | 17.03 | 22.89 | 23.00 | Complies |

Note 1: For 802.11a

5300 MHz power limit = $11 + 10\log(B); 11 + 10\log(18.78) - (7.00 - 6) = 22.74\text{dBm} < 24\text{dBm}$, so limit = 22.74dBm.

5320 MHz power limit = $11 + 10\log(B); 11 + 10\log(18.96) - (7.00 - 6) = 22.78\text{dBm} < 24\text{dBm}$, so limit = 22.78dBm.

5500 MHz power limit = $11 + 10\log(B); 11 + 10\log(18.87) - (7.00 - 6) = 22.78\text{dBm} < 24\text{dBm}$, so limit = 22.76dBm.

5580 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.65) - (7.00 - 6) = 22.93\text{dBm} < 24\text{dBm}$, so limit = 22.93dBm.

5700 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.39) - (7.00 - 6) = 22.88\text{dBm} < 24\text{dBm}$, so limit = 22.88dBm.

For 802.11ac VHT20

5300 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.91) - (7.00 - 6) = 22.99\text{dBm} < 24\text{dBm}$, so limit = 22.99dBm.

5700 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.91) - (7.00 - 6) = 22.99\text{dBm} < 24\text{dBm}$, so limit = 22.99dBm.

Note 2: Antenna gain = 7.00dBi > 6dBi, so the limit $24 - (7.00 - 6) = 23.00\text{dBm/MHz}$.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 14.10 | 13.39 | 11.75 | 13.24 | 19.22 | 21.79 | Complies |
| | 5720 MHz (UNII 3) | 7.78 | 7.16 | 5.57 | 7.16 | 13.01 | 29.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 13.83 | 13.19 | 11.52 | 13.03 | 18.99 | 21.84 | Complies |
| | 5720 MHz (UNII 3) | 8.04 | 7.45 | 5.95 | 7.50 | 13.32 | 29.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 16.67 | 16.08 | 14.54 | 15.95 | 21.90 | 23.00 | Complies |
| | 5710 MHz (UNII 3) | 5.18 | 4.37 | 3.17 | 4.24 | 10.32 | 29.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 15.86 | 16.43 | 17.21 | 16.67 | 22.59 | 23.00 | Complies |
| | 5690 MHz (UNII 3) | 2.42 | 2.29 | 3.25 | 2.61 | 8.68 | 29.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(15.09) - (7.00 - 6) = 21.79\text{dBm} < 24\text{dBm}$, so limit = 21.79dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(15.26) - (7.00 - 6) = 21.84\text{dBm} < 24\text{dBm}$, so limit = 21.84dBm.

Note 2: Antenna gain = 7.00dBi > 6dBi, so the limit $24 - (7.00 - 6) = 23.00\text{dBm/MHz}$.

(UNII 3)

Note 1: Antenna gain = 7.00dBi > 6dBi, so the limit $30 - (7.00 - 6) = 29.00\text{dBm/MHz}$.

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 05, 2015 |
| Test Mode | Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 14.11 | 15.49 | 14.72 | 14.63 | 20.79 | 23.40 | Complies |
| | 5300 MHz | 14.53 | 15.51 | 15.03 | 14.42 | 20.92 | 23.26 | Complies |
| | 5320 MHz | 14.49 | 15.45 | 15.08 | 14.45 | 20.91 | 23.30 | Complies |
| | 5500 MHz | 14.45 | 14.36 | 15.01 | 14.86 | 20.70 | 23.26 | Complies |
| | 5580 MHz | 14.28 | 14.37 | 15.06 | 15.02 | 20.72 | 23.32 | Complies |
| | 5700 MHz | 14.08 | 14.84 | 15.09 | 15.15 | 20.83 | 23.30 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 13.85 | 15.37 | 14.82 | 14.43 | 20.67 | 23.50 | Complies |
| | 5300 MHz | 14.13 | 15.11 | 14.95 | 14.27 | 20.66 | 23.38 | Complies |
| | 5320 MHz | 13.91 | 14.96 | 14.82 | 13.78 | 20.42 | 23.50 | Complies |
| | 5500 MHz | 14.54 | 14.41 | 15.23 | 14.72 | 20.76 | 23.49 | Complies |
| | 5580 MHz | 13.92 | 14.19 | 14.74 | 14.67 | 20.41 | 23.49 | Complies |
| | 5700 MHz | 13.86 | 14.51 | 14.68 | 14.56 | 20.43 | 23.50 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 16.81 | 18.12 | 17.02 | 17.57 | 23.43 | 23.50 | Complies |
| | 5310 MHz | 12.27 | 12.88 | 12.11 | 12.07 | 18.37 | 23.50 | Complies |
| | 5510 MHz | 12.06 | 11.48 | 11.85 | 12.18 | 17.92 | 23.50 | Complies |
| | 5550 MHz | 17.14 | 17.04 | 17.54 | 17.24 | 23.26 | 23.50 | Complies |
| | 5670 MHz | 16.92 | 17.25 | 17.68 | 17.81 | 23.45 | 23.50 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 10.01 | 10.52 | 9.95 | 9.98 | 16.14 | 23.50 | Complies |
| | 5530 MHz | 10.10 | 9.78 | 9.95 | 10.02 | 15.98 | 23.50 | Complies |
| | 5610 MHz | 16.77 | 17.34 | 17.23 | 17.33 | 23.19 | 23.50 | Complies |

Note 1: For 802.11a

5260 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.48) - (6.50 - 6) = 23.40\text{dBm} < 24\text{dBm}$, so limit = 23.40dBm.

5300 MHz power limit = $11 + 10\log(B); 11 + 10\log(18.87) - (6.50 - 6) = 23.26\text{dBm} < 24\text{dBm}$, so limit = 23.26dBm.

5320 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.04) - (6.50 - 6) = 23.30\text{dBm} < 24\text{dBm}$, so limit = 23.30dBm.

5500 MHz power limit = $11 + 10\log(B); 11 + 10\log(18.87) - (6.50 - 6) = 23.26\text{dBm} < 24\text{dBm}$, so limit = 23.26dBm.

5580 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.13) - (6.50 - 6) = 23.32\text{dBm} < 24\text{dBm}$, so limit = 23.32dBm.

5700 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.04) - (6.50 - 6) = 23.30\text{dBm} < 24\text{dBm}$, so limit = 23.30dBm.

For 802.11ac VHT20

5500 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.91) - (6.50 - 6) = 23.49\text{dBm} < 24\text{dBm}$, so limit = 23.49dBm.

5580 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.91) - (6.50 - 6) = 23.49\text{dBm} < 24\text{dBm}$, so limit = 23.49dBm.

Note 2: Antenna gain = 6.50dBi > 6dBi, so the limit $24 - (6.50 - 6) = 23.50\text{dBm/MHz}$.



Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 12.70 | 13.65 | 14.55 | 13.74 | 19.73 | 22.18 | Complies |
| | 5720 MHz (UNII 3) | 6.67 | 7.59 | 8.10 | 7.61 | 13.54 | 29.50 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 12.41 | 13.42 | 14.34 | 13.55 | 19.50 | 22.29 | Complies |
| | 5720 MHz (UNII 3) | 6.81 | 7.79 | 8.30 | 7.91 | 13.76 | 29.50 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 15.35 | 16.29 | 17.11 | 16.33 | 22.33 | 23.50 | Complies |
| | 5710 MHz (UNII 3) | 4.05 | 4.69 | 5.29 | 4.59 | 10.70 | 29.50 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 16.77 | 17.30 | 17.65 | 17.43 | 23.32 | 23.50 | Complies |
| | 5690 MHz (UNII 3) | 3.41 | 2.88 | 3.22 | 3.42 | 9.26 | 29.50 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(14.74) - (6.50 - 6) = 22.18\text{dBm} < 24\text{dBm}$, so limit = 22.18dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(15.09) - (6.50 - 6) = 22.29\text{dBm} < 24\text{dBm}$, so limit = 22.29dBm.

Note 2: Antenna gain = 6.50dBi > 6dBi, so the limit $24 - (6.50 - 6) = 23.50\text{dBm/MHz}$.

(UNII 3)

Note 1: Antenna gain = 6.50dBi > 6dBi, so the limit $30 - (6.50 - 6) = 29.50\text{dBm/MHz}$.

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 05, 2015 |
| Test Mode | Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 15.09 | 16.14 | 15.72 | 15.63 | 21.68 | 24.00 | Complies |
| | 5300 MHz | 15.39 | 15.98 | 15.86 | 15.27 | 21.66 | 24.00 | Complies |
| | 5320 MHz | 15.42 | 15.83 | 15.47 | 15.73 | 21.64 | 23.82 | Complies |
| | 5500 MHz | 15.67 | 14.98 | 15.76 | 15.55 | 21.52 | 24.00 | Complies |
| | 5580 MHz | 15.31 | 15.49 | 15.52 | 15.46 | 21.47 | 23.90 | Complies |
| | 5700 MHz | 14.93 | 15.62 | 15.73 | 16.02 | 21.61 | 23.90 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 14.73 | 16.34 | 15.91 | 15.26 | 21.62 | 24.00 | Complies |
| | 5300 MHz | 14.89 | 15.92 | 15.88 | 15.45 | 21.58 | 24.00 | Complies |
| | 5320 MHz | 15.44 | 16.28 | 15.94 | 14.83 | 21.68 | 24.00 | Complies |
| | 5500 MHz | 15.25 | 15.39 | 16.23 | 15.51 | 21.63 | 24.00 | Complies |
| | 5580 MHz | 15.28 | 15.13 | 15.62 | 16.38 | 21.65 | 24.00 | Complies |
| | 5700 MHz | 15.07 | 15.68 | 16.25 | 15.89 | 21.76 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 17.31 | 18.62 | 17.52 | 18.07 | 23.93 | 24.00 | Complies |
| | 5310 MHz | 14.77 | 15.52 | 14.33 | 14.73 | 20.88 | 24.00 | Complies |
| | 5510 MHz | 16.11 | 15.42 | 16.02 | 15.73 | 21.85 | 24.00 | Complies |
| | 5550 MHz | 17.64 | 17.54 | 18.04 | 17.74 | 23.76 | 24.00 | Complies |
| | 5670 MHz | 17.42 | 17.75 | 18.18 | 18.31 | 23.95 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 12.91 | 14.15 | 12.87 | 13.31 | 19.36 | 24.00 | Complies |
| | 5530 MHz | 12.47 | 11.90 | 12.40 | 12.33 | 18.30 | 24.00 | Complies |
| | 5610 MHz | 17.63 | 18.01 | 18.21 | 17.93 | 23.97 | 24.00 | Complies |

Note 1:

For 802.11a

5320 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.13) = 23.82\text{dBm} < 24\text{dBm}$, so limit = 23.82dBm.

5580 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.48) = 23.90\text{dBm} < 24\text{dBm}$, so limit = 23.90dBm.

5700 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.48) = 23.90\text{dBm} < 24\text{dBm}$, so limit = 23.90dBm.

Note 2: Antenna gain = 5.50dBi < 6dBi, so the limit doesn't reduce.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 13.78 | 14.61 | 13.91 | 12.30 | 19.75 | 22.61 | Complies |
| | 5720 MHz (UNII 3) | 8.32 | 7.75 | 6.17 | 7.75 | 13.59 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 14.34 | 13.67 | 12.01 | 13.53 | 19.49 | 22.76 | Complies |
| | 5720 MHz (UNII 3) | 8.54 | 7.94 | 6.45 | 7.99 | 13.82 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 16.57 | 17.15 | 18.72 | 17.38 | 23.55 | 24.00 | Complies |
| | 5710 MHz (UNII 3) | 5.05 | 5.65 | 6.86 | 5.52 | 11.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 17.10 | 17.38 | 18.80 | 17.66 | 23.81 | 24.00 | Complies |
| | 5690 MHz (UNII 3) | 3.52 | 3.27 | 4.77 | 3.45 | 9.82 | 30.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(14.48) = 22.61\text{ dBm} < 24\text{ dBm}$, so limit = 22.61 dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.00) = 22.76\text{ dBm} < 24\text{ dBm}$, so limit = 22.76 dBm.

Note 2: Antenna gain = 5.50 dBi < 6 dBi, so the limit doesn't reduce.

(UNII 3)

Note 1: Antenna gain = 5.50 dBi < 6 dBi, so the limit doesn't reduce.

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 10, 2015 |
| Test Mode | Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 13.17 | 13.58 | 13.68 | 13.53 | 19.51 | 22.22 | Complies |
| | 5300 MHz | 12.90 | 13.56 | 13.76 | 12.83 | 19.30 | 22.45 | Complies |
| | 5320 MHz | 13.21 | 13.79 | 14.05 | 12.76 | 19.50 | 22.41 | Complies |
| | 5500 MHz | 13.29 | 13.33 | 13.49 | 13.03 | 19.31 | 22.28 | Complies |
| | 5580 MHz | 13.16 | 13.32 | 13.42 | 13.29 | 19.32 | 22.12 | Complies |
| | 5700 MHz | 13.25 | 13.45 | 13.57 | 13.34 | 19.42 | 22.14 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 12.88 | 12.90 | 13.61 | 13.31 | 19.21 | 22.50 | Complies |
| | 5300 MHz | 12.62 | 13.17 | 13.49 | 12.76 | 19.04 | 22.50 | Complies |
| | 5320 MHz | 13.08 | 13.65 | 13.90 | 12.73 | 19.38 | 22.50 | Complies |
| | 5500 MHz | 12.99 | 13.06 | 13.61 | 12.95 | 19.18 | 22.49 | Complies |
| | 5580 MHz | 12.88 | 12.97 | 13.27 | 13.10 | 19.08 | 22.41 | Complies |
| | 5700 MHz | 13.07 | 13.21 | 13.26 | 13.22 | 19.21 | 22.45 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 15.87 | 15.96 | 16.70 | 16.29 | 22.24 | 22.50 | Complies |
| | 5310 MHz | 10.68 | 10.72 | 11.48 | 10.49 | 16.88 | 22.50 | Complies |
| | 5510 MHz | 13.97 | 13.86 | 14.29 | 13.80 | 20.00 | 22.50 | Complies |
| | 5550 MHz | 16.43 | 16.38 | 16.60 | 16.36 | 22.46 | 22.50 | Complies |
| | 5670 MHz | 16.13 | 15.96 | 16.15 | 16.10 | 22.11 | 22.50 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 10.38 | 10.27 | 10.87 | 10.43 | 16.51 | 22.50 | Complies |
| | 5530 MHz | 10.34 | 10.47 | 10.71 | 10.20 | 16.45 | 22.50 | Complies |
| | 5610 MHz | 16.25 | 16.17 | 16.23 | 15.97 | 22.18 | 22.50 | Complies |

Note 1:

For 802.11a

5260 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(18.70) - (7.50 - 6) = 22.22 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.22 dBm.

5300 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.74) - (7.50 - 6) = 22.45 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.45 dBm.

5320 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.57) - (7.50 - 6) = 22.41 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.41 dBm.

5500 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(18.96) - (7.50 - 6) = 22.28 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.28 dBm.

5580 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(18.26) - (7.50 - 6) = 22.12 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.12 dBm.

5700 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(18.35) - (7.50 - 6) = 22.14 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.14 dBm.

For 802.11ac VHT20

5500 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.91) - (7.50 - 6) = 22.49 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.49 dBm.

5580 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.57) - (7.50 - 6) = 22.41 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.41 dBm

5700 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.74) - (7.50 - 6) = 21.92\text{dBm} < 24\text{dBm}$, so limit = 22.45dBm .

Note 2: Antenna gain = $7.50\text{dBi} > 6\text{dBi}$, so the limit $24 - (7.50 - 6) = 22.50\text{dBm/MHz}$.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 13.00 | 12.39 | 10.78 | 12.17 | 18.18 | 21.21 | Complies |
| | 5720 MHz (UNII 3) | 6.69 | 6.21 | 4.66 | 6.13 | 12.01 | 28.50 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 13.20 | 12.66 | 10.96 | 12.47 | 18.42 | 21.34 | Complies |
| | 5720 MHz (UNII 3) | 7.35 | 6.88 | 5.39 | 6.91 | 12.71 | 28.50 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 16.67 | 16.15 | 14.51 | 15.94 | 21.91 | 22.50 | Complies |
| | 5710 MHz (UNII 3) | 5.24 | 4.46 | 3.24 | 4.27 | 10.38 | 28.50 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 16.35 | 16.00 | 16.43 | 16.14 | 22.25 | 22.50 | Complies |
| | 5690 MHz (UNII 3) | 2.32 | 1.86 | 2.05 | 1.67 | 8.00 | 28.50 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(14.83) - (7.50 - 6) = 21.21\text{dBm} < 24\text{dBm}$, so limit = 21.21dBm .

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.26) - (7.50 - 6) = 21.34\text{dBm} < 24\text{dBm}$, so limit = 21.34dBm .

Note 2: Antenna gain = $7.50\text{dBi} > 6\text{dBi}$, so the limit $24 - (7.50 - 6) = 22.50\text{dBm/MHz}$.

(UNII 3)

Note 1: Antenna gain = $7.50\text{dBi} > 6\text{dBi}$, so the limit $30 - (7.50 - 6) = 28.50\text{dBm/MHz}$.

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 05, 2015 |
| Test Mode | Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 16.09 | 17.14 | 16.72 | 16.63 | 22.68 | 24.00 | Complies |
| | 5300 MHz | 16.39 | 16.98 | 16.86 | 16.27 | 22.66 | 23.97 | Complies |
| | 5320 MHz | 16.42 | 16.83 | 16.47 | 16.73 | 22.64 | 23.95 | Complies |
| | 5500 MHz | 16.67 | 15.98 | 16.76 | 16.55 | 22.52 | 24.00 | Complies |
| | 5580 MHz | 16.31 | 16.49 | 16.52 | 16.46 | 22.47 | 24.00 | Complies |
| | 5700 MHz | 15.93 | 16.62 | 16.73 | 16.89 | 22.58 | 23.99 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 15.73 | 17.34 | 16.91 | 16.26 | 22.62 | 24.00 | Complies |
| | 5300 MHz | 15.89 | 16.92 | 16.88 | 16.45 | 22.58 | 24.00 | Complies |
| | 5320 MHz | 16.45 | 17.28 | 16.98 | 16.25 | 22.78 | 24.00 | Complies |
| | 5500 MHz | 16.25 | 16.39 | 16.23 | 16.51 | 22.37 | 24.00 | Complies |
| | 5580 MHz | 16.28 | 16.13 | 16.62 | 17.38 | 22.65 | 24.00 | Complies |
| | 5700 MHz | 16.07 | 16.68 | 17.25 | 16.89 | 22.76 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 17.31 | 18.62 | 17.52 | 18.07 | 23.93 | 24.00 | Complies |
| | 5310 MHz | 15.21 | 15.88 | 15.34 | 15.44 | 21.50 | 24.00 | Complies |
| | 5510 MHz | 14.63 | 14.32 | 15.01 | 14.69 | 20.69 | 24.00 | Complies |
| | 5550 MHz | 17.64 | 17.54 | 18.04 | 17.74 | 23.76 | 24.00 | Complies |
| | 5670 MHz | 17.42 | 17.75 | 18.18 | 18.31 | 23.95 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 13.43 | 14.69 | 13.39 | 13.98 | 19.93 | 24.00 | Complies |
| | 5530 MHz | 13.59 | 12.96 | 13.52 | 13.21 | 19.35 | 24.00 | Complies |
| | 5610 MHz | 16.93 | 17.89 | 17.85 | 17.96 | 23.70 | 24.00 | Complies |

Note 1:

For 802.11a

5300 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.83) = 23.97 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.97 dBm.

5320 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.74) = 23.95 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.95 dBm.

5700 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.91) = 23.99 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.99 dBm.

Note 2: Antenna gain = 4.50 dBi < 6 dBi, so the limit doesn't reduce.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 15.64 | 15.03 | 15.11 | 14.74 | 21.16 | 22.61 | Complies |
| | 5720 MHz (UNII 3) | 9.30 | 8.73 | 8.78 | 8.70 | 14.91 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 14.51 | 15.23 | 14.66 | 14.80 | 20.83 | 22.76 | Complies |
| | 5720 MHz (UNII 3) | 9.41 | 8.87 | 9.10 | 8.93 | 15.10 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 16.57 | 17.15 | 18.72 | 17.38 | 23.55 | 24.00 | Complies |
| | 5710 MHz (UNII 3) | 5.05 | 5.65 | 6.86 | 5.52 | 11.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 17.10 | 17.38 | 18.80 | 17.66 | 23.81 | 24.00 | Complies |
| | 5690 MHz (UNII 3) | 3.52 | 3.27 | 4.77 | 3.45 | 9.82 | 30.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(14.48) = 22.61 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.61 dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.00) = 22.76 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.76 dBm.

Note 2: Antenna gain = 4.50 dBi < 6 dBi, so the limit doesn't reduce.

(UNII 3)

Note 1: Antenna gain = 4.50 dBi < 6 dBi, so the limit doesn't reduce.

| | | | |
|----------------------|--|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 23, 2015 ~ Nov. 05, 2015 |
| Test Mode | Mode 6: EUT 1 + Set 6 Sector Antenna / 4 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 16.48 | 17.32 | 16.87 | 16.85 | 22.91 | 24.00 | Complies |
| | 5300 MHz | 16.39 | 16.98 | 16.86 | 16.27 | 22.66 | 23.97 | Complies |
| | 5320 MHz | 16.42 | 16.83 | 16.47 | 16.73 | 22.64 | 23.95 | Complies |
| | 5500 MHz | 17.04 | 16.08 | 16.87 | 17.06 | 22.80 | 23.84 | Complies |
| | 5580 MHz | 16.66 | 16.69 | 16.70 | 16.72 | 22.71 | 23.95 | Complies |
| | 5700 MHz | 15.07 | 15.81 | 15.92 | 16.53 | 21.88 | 23.76 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 16.39 | 17.83 | 15.63 | 17.66 | 22.99 | 24.00 | Complies |
| | 5300 MHz | 16.17 | 17.14 | 17.12 | 16.67 | 22.81 | 24.00 | Complies |
| | 5320 MHz | 15.44 | 16.28 | 15.94 | 14.83 | 21.68 | 24.00 | Complies |
| | 5500 MHz | 16.13 | 16.12 | 17.22 | 16.29 | 22.49 | 24.00 | Complies |
| | 5580 MHz | 16.28 | 16.13 | 16.62 | 17.38 | 22.65 | 24.00 | Complies |
| | 5700 MHz | 13.86 | 14.51 | 14.68 | 14.56 | 20.43 | 23.93 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 17.31 | 18.62 | 17.52 | 18.07 | 23.93 | 24.00 | Complies |
| | 5310 MHz | 12.27 | 12.88 | 12.11 | 12.07 | 18.37 | 24.00 | Complies |
| | 5510 MHz | 12.69 | 11.12 | 11.82 | 12.73 | 18.16 | 24.00 | Complies |
| | 5550 MHz | 17.64 | 17.54 | 18.04 | 17.74 | 23.76 | 24.00 | Complies |
| | 5670 MHz | 16.37 | 16.47 | 16.56 | 16.52 | 22.50 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 10.74 | 11.29 | 10.58 | 10.56 | 16.82 | 24.00 | Complies |
| | 5530 MHz | 11.68 | 11.35 | 11.82 | 11.63 | 17.64 | 24.00 | Complies |
| | 5610 MHz | 16.10 | 15.89 | 16.19 | 15.68 | 21.99 | 24.00 | Complies |

Note 1:

For 802.11a

5300 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.83) = 23.97 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.97 dBm.

5320 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.74) = 23.95 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.95 dBm.

5500 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.22) = 23.84 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.84 dBm.

5580 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.74) = 23.95 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.95 dBm.

5700 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(18.87) = 23.76 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.76 dBm.

For 802.11ac VHT20

5700 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(19.65) = 23.93 \text{ dBm} < 24 \text{ dBm}$, so limit = 23.93 dBm.

Note 2: Antenna gain = 4.00 dBi < 6 dBi, so the limit doesn't reduce.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 15.28 | 16.05 | 15.28 | 13.71 | 21.18 | 22.63 | Complies |
| | 5720 MHz (UNII 3) | 9.76 | 9.07 | 7.46 | 9.21 | 14.98 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 15.49 | 16.25 | 15.57 | 15.47 | 21.73 | 22.76 | Complies |
| | 5720 MHz (UNII 3) | 10.43 | 9.78 | 9.76 | 9.91 | 16.00 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 16.57 | 17.15 | 18.72 | 17.38 | 23.55 | 24.00 | Complies |
| | 5710 MHz (UNII 3) | 5.05 | 5.65 | 6.86 | 5.52 | 11.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 17.10 | 17.38 | 18.80 | 17.66 | 23.81 | 24.00 | Complies |
| | 5690 MHz (UNII 3) | 3.52 | 3.27 | 4.77 | 3.45 | 9.82 | 30.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(14.57) = 22.63\text{dBm} < 24\text{dBm}$, so limit = 22.63dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.00) = 22.76\text{dBm} < 24\text{dBm}$, so limit = 22.76dBm.

Note 2: Antenna gain = 4.00dBi < 6dBi, so the limit doesn't reduce.

(UNII 3)

Note 1: Antenna gain = 4.00dBi < 6dBi, so the limit doesn't reduce.

| | | | |
|----------------------|---|------------------|-------------------------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 26, 2015 ~ Nov. 05, 2015 |
| Test Mode | Mode 7: EUT 1 + Set 9 Dipole Antenna / 4.67 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 12.45 | 13.67 | 12.97 | 12.85 | 19.03 | 24.00 | Complies |
| | 5300 MHz | 12.43 | 13.62 | 13.04 | 13.28 | 19.13 | 23.90 | Complies |
| | 5320 MHz | 12.45 | 13.56 | 13.07 | 13.32 | 19.14 | 23.90 | Complies |
| | 5500 MHz | 12.78 | 12.59 | 13.13 | 13.48 | 19.03 | 23.86 | Complies |
| | 5580 MHz | 12.38 | 13.21 | 13.12 | 13.24 | 19.02 | 23.93 | Complies |
| | 5700 MHz | 12.31 | 12.96 | 13.37 | 13.32 | 19.03 | 23.76 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 12.58 | 13.65 | 13.18 | 12.94 | 19.13 | 24.00 | Complies |
| | 5300 MHz | 12.54 | 13.68 | 12.97 | 13.15 | 19.12 | 24.00 | Complies |
| | 5320 MHz | 12.68 | 13.73 | 13.29 | 13.25 | 19.27 | 24.00 | Complies |
| | 5500 MHz | 13.78 | 12.38 | 12.89 | 13.35 | 19.15 | 24.00 | Complies |
| | 5580 MHz | 12.73 | 13.23 | 13.64 | 13.53 | 19.32 | 24.00 | Complies |
| | 5700 MHz | 12.15 | 13.32 | 13.72 | 13.46 | 19.22 | 23.70 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 15.94 | 16.58 | 16.37 | 15.96 | 22.24 | 24.00 | Complies |
| | 5310 MHz | 12.81 | 13.58 | 13.06 | 13.09 | 19.16 | 24.00 | Complies |
| | 5510 MHz | 16.10 | 15.65 | 16.14 | 16.43 | 22.11 | 24.00 | Complies |
| | 5550 MHz | 15.72 | 15.87 | 16.32 | 16.26 | 22.07 | 24.00 | Complies |
| | 5670 MHz | 15.34 | 15.93 | 16.45 | 16.21 | 22.02 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 10.76 | 11.58 | 11.15 | 10.95 | 17.14 | 24.00 | Complies |
| | 5530 MHz | 10.87 | 10.76 | 11.15 | 11.08 | 16.99 | 24.00 | Complies |
| | 5610 MHz | 16.93 | 17.89 | 17.85 | 17.96 | 23.70 | 24.00 | Complies |

Note 1:

For 802.11a

5300 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.48) = 23.90\text{dBm} < 24\text{dBm}$, so limit = 23.90dBm.

5320 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.48) = 23.90\text{dBm} < 24\text{dBm}$, so limit = 23.90dBm.

5500 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.30) = 23.86\text{dBm} < 24\text{dBm}$, so limit = 23.86dBm.

5580 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.65) = 23.93\text{dBm} < 24\text{dBm}$, so limit = 23.93dBm.

5700 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(19.87) = 23.76\text{dBm} < 24\text{dBm}$, so limit = 23.76dBm.

For 802.11ac VHT20

5700 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.61) = 23.70\text{dBm} < 24\text{dBm}$, so limit = 23.70dBm.

Note 2: Antenna gain = 4.67dBi < 6dBi, so the limit doesn't reduce.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 11.32 | 11.80 | 11.93 | 11.99 | 17.79 | 22.68 | Complies |
| | 5720 MHz (UNII 3) | 5.36 | 5.60 | 5.62 | 5.62 | 11.57 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 11.07 | 11.52 | 11.79 | 11.75 | 17.56 | 22.79 | Complies |
| | 5720 MHz (UNII 3) | 5.60 | 5.80 | 5.98 | 5.84 | 11.83 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 14.60 | 15.17 | 15.23 | 15.39 | 21.13 | 24.00 | Complies |
| | 5710 MHz (UNII 3) | 2.95 | 3.35 | 3.15 | 3.59 | 9.29 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 17.10 | 17.38 | 18.80 | 17.66 | 23.81 | 24.00 | Complies |
| | 5690 MHz (UNII 3) | 3.52 | 3.27 | 4.77 | 3.45 | 9.82 | 30.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(14.74) = 22.68\text{dBm} < 24\text{dBm}$, so limit = 22.68dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.09) = 22.79\text{dBm} < 24\text{dBm}$, so limit = 22.79dBm.

Note 2: Antenna gain = 4.67dBi < 6dBi, so the limit doesn't reduce.

(UNII 3)

Note 1: Antenna gain = 4.67dBi < 6dBi, so the limit doesn't reduce.

| | | | |
|----------------------|--|------------------|---------------|
| Temperature | 25°C | Humidity | 50% |
| Test Engineer | Eddie Weng & Lucas Huang | Test Date | Oct. 20, 2015 |
| Test Mode | Mode 8: EUT 2 + Set 10 PIFA Antenna / Chain1:5.84 dBi, Chain2:5.50 dBi, Chain3:5.84 dBi, Chain4:5.65 dBi | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|--------------------------------|-----------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5260 MHz | 12.22 | 12.07 | 12.02 | 12.12 | 18.13 | 23.66 | Complies |
| | 5300 MHz | 12.36 | 11.92 | 11.98 | 12.11 | 18.12 | 23.70 | Complies |
| | 5320 MHz | 12.52 | 12.41 | 12.59 | 12.18 | 18.45 | 23.64 | Complies |
| | 5500 MHz | 12.42 | 12.63 | 12.71 | 12.84 | 18.67 | 23.68 | Complies |
| | 5580 MHz | 12.23 | 12.18 | 12.25 | 12.45 | 18.30 | 23.64 | Complies |
| | 5700 MHz | 11.92 | 12.04 | 12.09 | 12.09 | 18.06 | 23.64 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5260 MHz | 12.39 | 12.11 | 12.19 | 12.23 | 18.25 | 23.82 | Complies |
| | 5300 MHz | 12.43 | 12.15 | 12.16 | 12.28 | 18.28 | 23.82 | Complies |
| | 5320 MHz | 12.34 | 12.12 | 12.26 | 12.21 | 18.25 | 23.82 | Complies |
| | 5500 MHz | 12.39 | 12.21 | 12.32 | 12.29 | 18.32 | 23.84 | Complies |
| | 5580 MHz | 12.42 | 12.22 | 12.39 | 12.32 | 18.36 | 23.90 | Complies |
| | 5700 MHz | 12.12 | 12.21 | 12.22 | 12.33 | 18.24 | 23.84 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5270 MHz | 15.56 | 15.12 | 14.81 | 14.95 | 21.14 | 24.00 | Complies |
| | 5310 MHz | 10.59 | 10.39 | 10.69 | 10.63 | 16.60 | 24.00 | Complies |
| | 5510 MHz | 13.95 | 13.94 | 13.85 | 13.90 | 19.93 | 24.00 | Complies |
| | 5550 MHz | 15.68 | 15.25 | 15.16 | 15.11 | 21.33 | 24.00 | Complies |
| | 5670 MHz | 15.47 | 15.26 | 15.12 | 15.46 | 21.35 | 24.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5290 MHz | 10.52 | 10.30 | 10.44 | 10.49 | 16.46 | 24.00 | Complies |
| | 5530 MHz | 9.62 | 9.66 | 9.81 | 9.61 | 15.70 | 24.00 | Complies |
| | 5610 MHz | 17.62 | 17.18 | 17.05 | 17.14 | 23.27 | 24.00 | Complies |

Note 1:

For 802.11a

5260 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.43) = 23.66\text{dBm} < 24\text{dBm}$, so limit = 23.66dBm.

5300 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.61) = 23.70\text{dBm} < 24\text{dBm}$, so limit = 23.70dBm.

5320 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.35) = 23.64\text{dBm} < 24\text{dBm}$, so limit = 23.64dBm.

5500 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.52) = 23.68\text{dBm} < 24\text{dBm}$, so limit = 23.68dBm.

5580 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.35) = 23.64\text{dBm} < 24\text{dBm}$, so limit = 23.64dBm.

5700 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(18.35) = 23.64\text{dBm} < 24\text{dBm}$, so limit = 23.64dBm.

For 802.11ac VHT20

5260 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.13) = 23.82\text{dBm} < 24\text{dBm}$, so limit = 23.82dBm.

5300 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.13) = 23.82\text{dBm} < 24\text{dBm}$, so limit = 23.82dBm.

5320 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.13) = 23.82\text{dBm} < 24\text{dBm}$, so limit = 23.82dBm.

5500 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.22) = 23.84\text{dBm} < 24\text{dBm}$, so limit = 23.84dBm.

5580 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.48) = 23.90\text{dBm} < 24\text{dBm}$, so limit = 23.90dBm.

5700 MHz power limit = $11 + 10\log(B); 11 + 10\log(19.39) = 23.84\text{dBm} < 24\text{dBm}$, so limit = 23.84dBm.

Note 2: Antenna gain = 5.84dBi < 6dBi, so the limit doesn't reduce.

Straddle Channel

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|-----------------------------|--------------------|-----------------------|---------|---------|---------|-------|------------------|----------|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5720 MHz (UNII 2C) | 11.82 | 11.87 | 12.45 | 11.47 | 17.94 | 22.55 | Complies |
| | 5720 MHz (UNII 3) | 5.18 | 5.38 | 6.20 | 5.19 | 11.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5720 MHz (UNII 2C) | 11.52 | 11.55 | 12.17 | 11.26 | 17.66 | 22.66 | Complies |
| | 5720 MHz (UNII 3) | 5.40 | 5.52 | 6.34 | 5.55 | 11.74 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5710 MHz (UNII 2C) | 15.18 | 15.22 | 15.74 | 14.91 | 21.29 | 24.00 | Complies |
| | 5710 MHz (UNII 3) | 3.18 | 3.48 | 4.46 | 3.39 | 9.68 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5690 MHz (UNII 2C) | 17.87 | 17.69 | 18.59 | 17.49 | 23.95 | 24.00 | Complies |
| | 5690 MHz (UNII 3) | 3.51 | 3.68 | 4.55 | 3.41 | 9.83 | 30.00 | Complies |

(UNII 2C)

Note 1:

For 802.11a

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(14.30) = 22.55\text{dBm} < 24\text{dBm}$, so limit = 22.55dBm.

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(14.65) = 22.66\text{dBm} < 24\text{dBm}$, so limit = 22.66dBm.

Note 2: Antenna gain = 5.84dBi < 6dBi, so the limit doesn't reduce.

(UNII 3)

Note 1: Antenna gain = 5.84dBi < 6dBi, so the limit doesn't reduce.

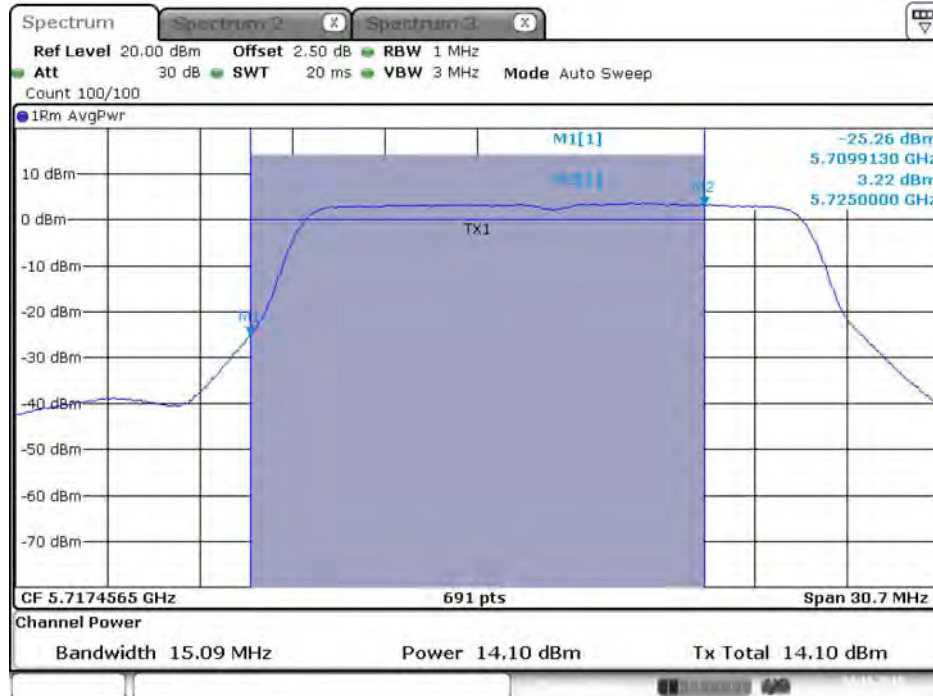
Note: All the test values were listed in the report.

For plots, only the channel with worse result was shown.

Straddle Channel

Mode 1: EUT 1 + Set 1 Ceiling Mount Omni Antenna / 7 dBi

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



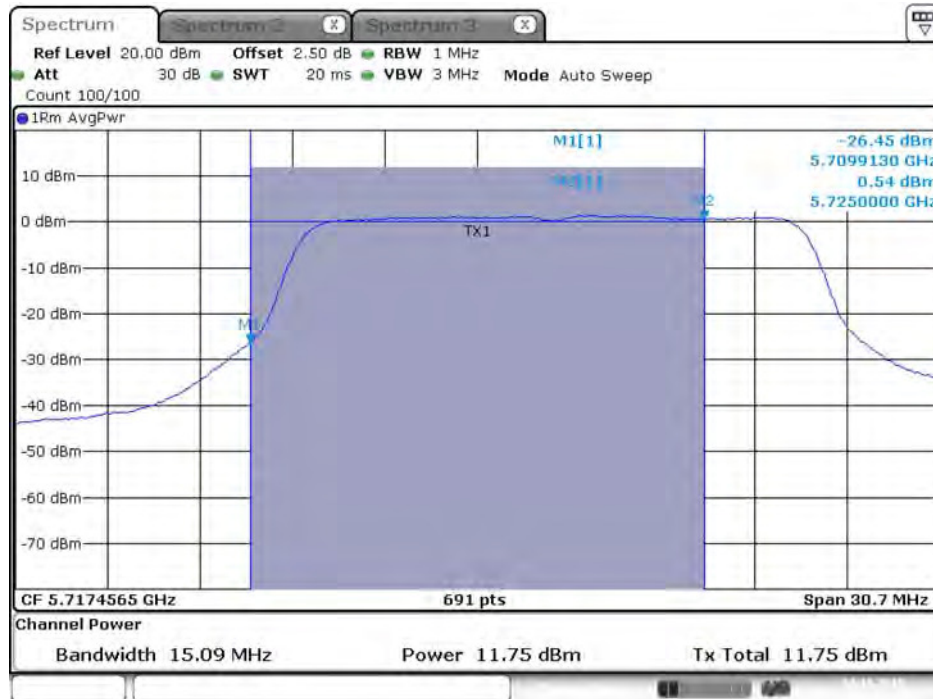
Date: 24.NOV.2015 04:21:29

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:21:37

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:21:44

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:21:51

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



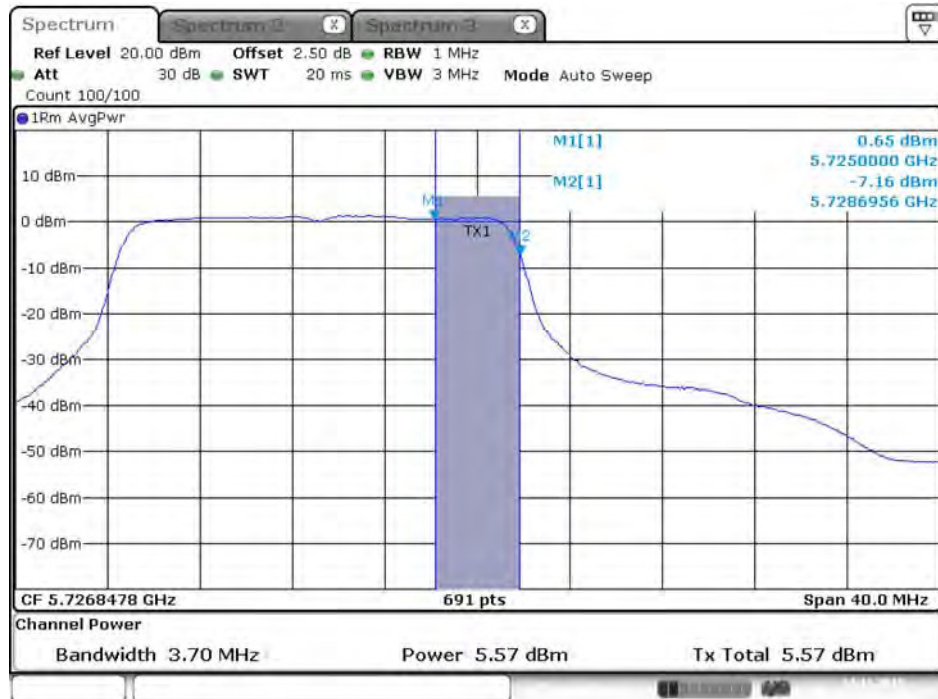
Date: 24.NOV.2015 04:21:33

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



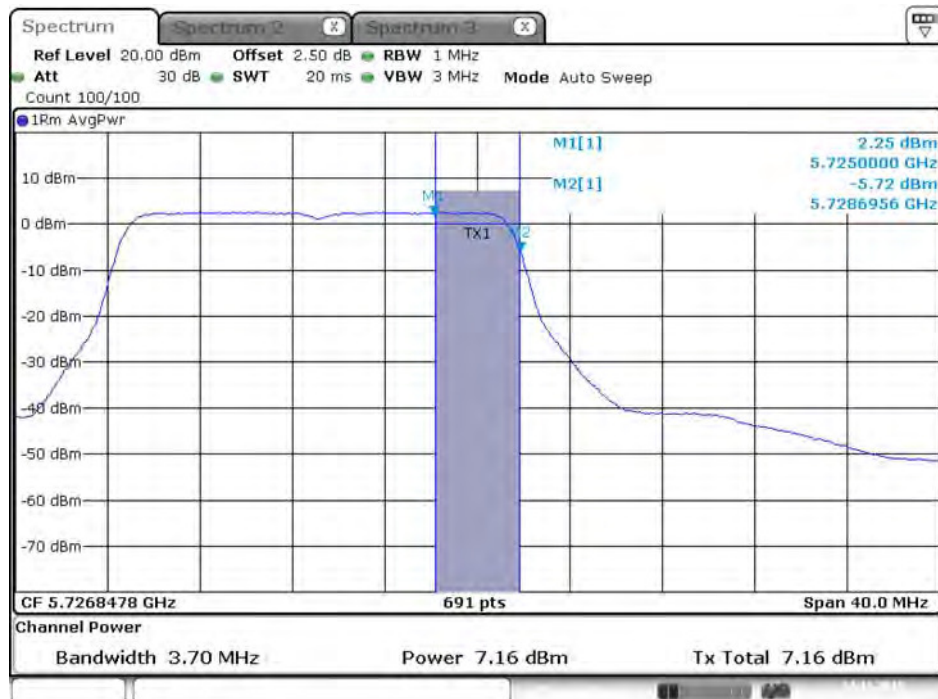
Date: 24.NOV.2015 04:21:40

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



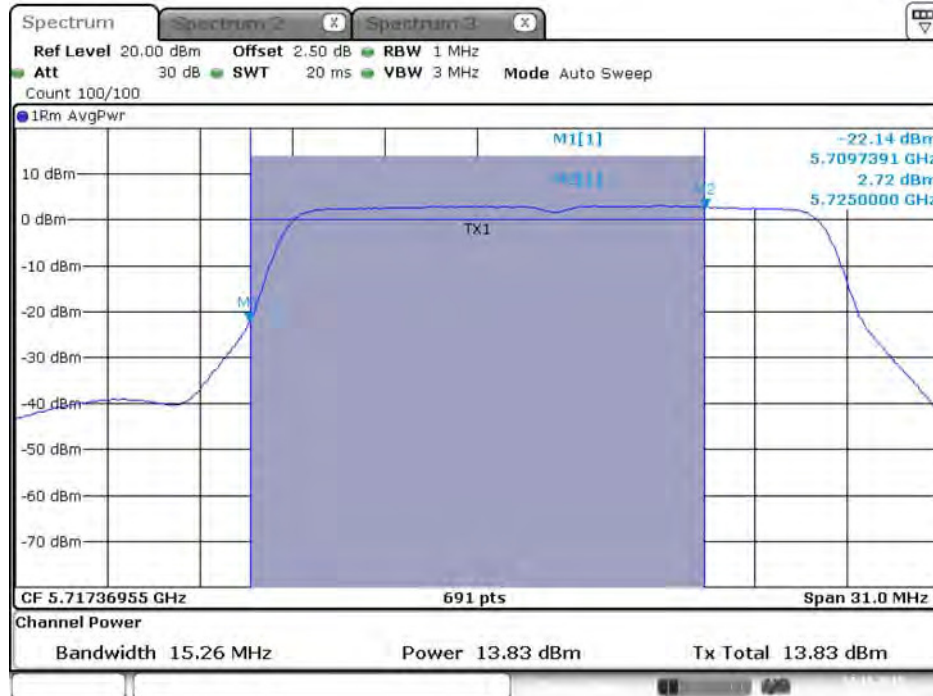
Date: 24.NOV.2015 04:21:47

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 4 / 5720 MHz (UNII 3)



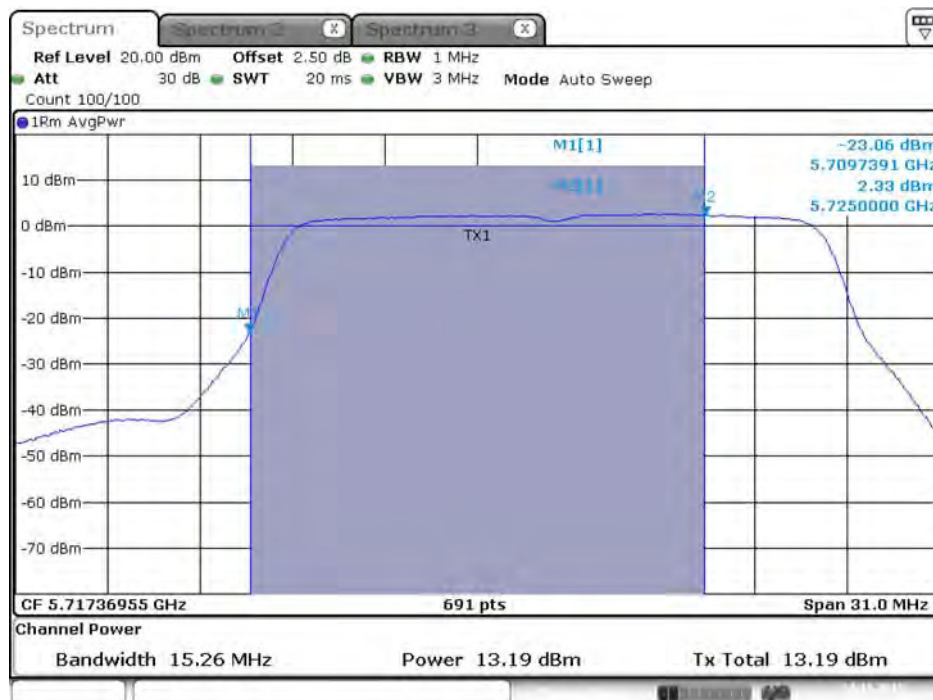
Date: 24.NOV.2015 04:21:55

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



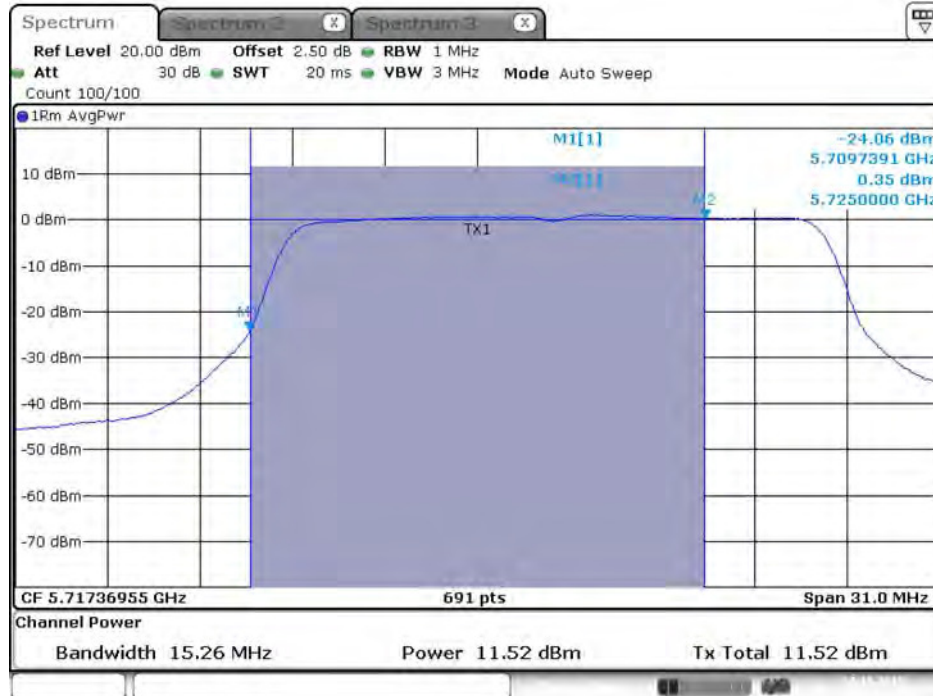
Date: 24.NOV.2015 04:32:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



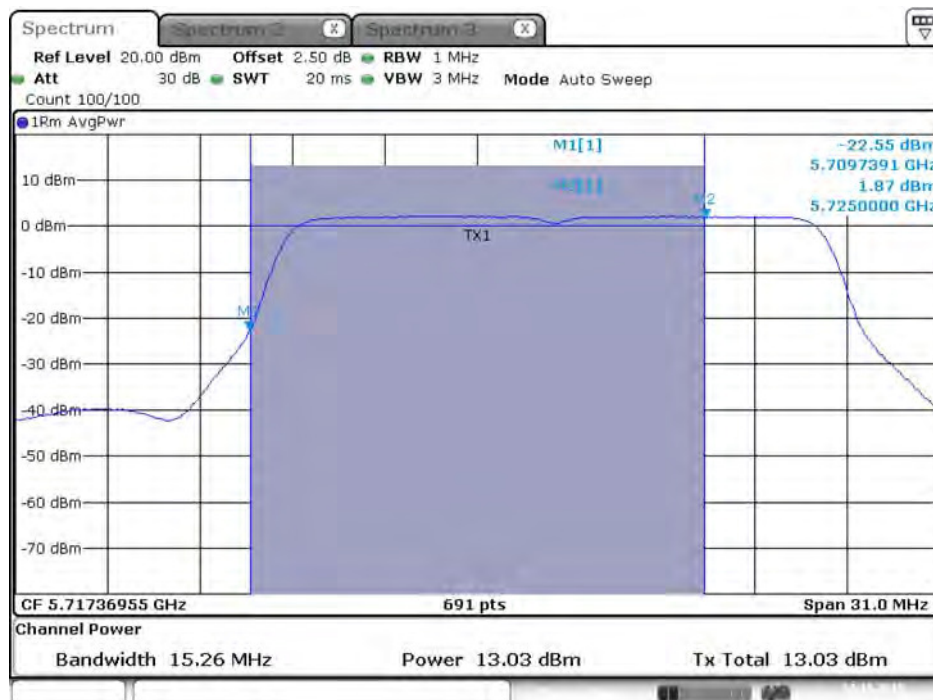
Date: 24.NOV.2015 04:32:18

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:32:25

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:32:33

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



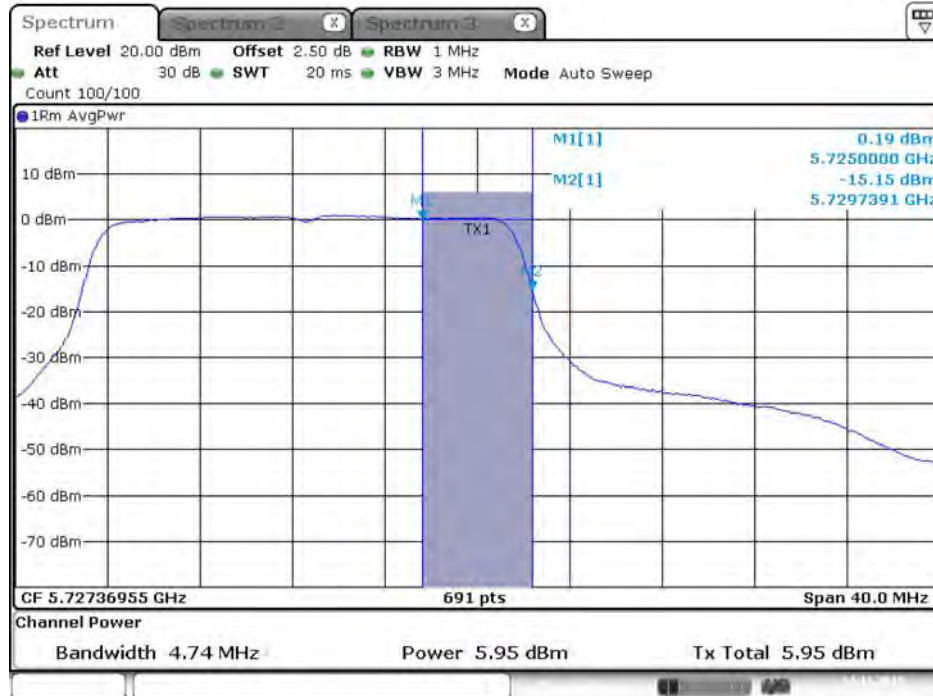
Date: 24.NOV.2015 04:32:14

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:32:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



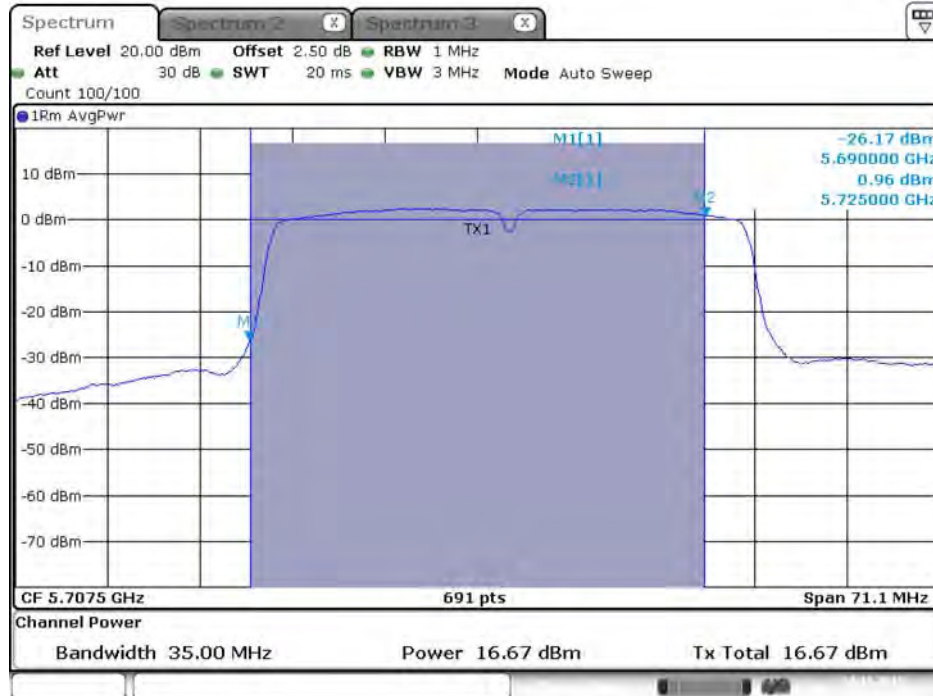
Date: 24.NOV.2015 04:32:28

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)



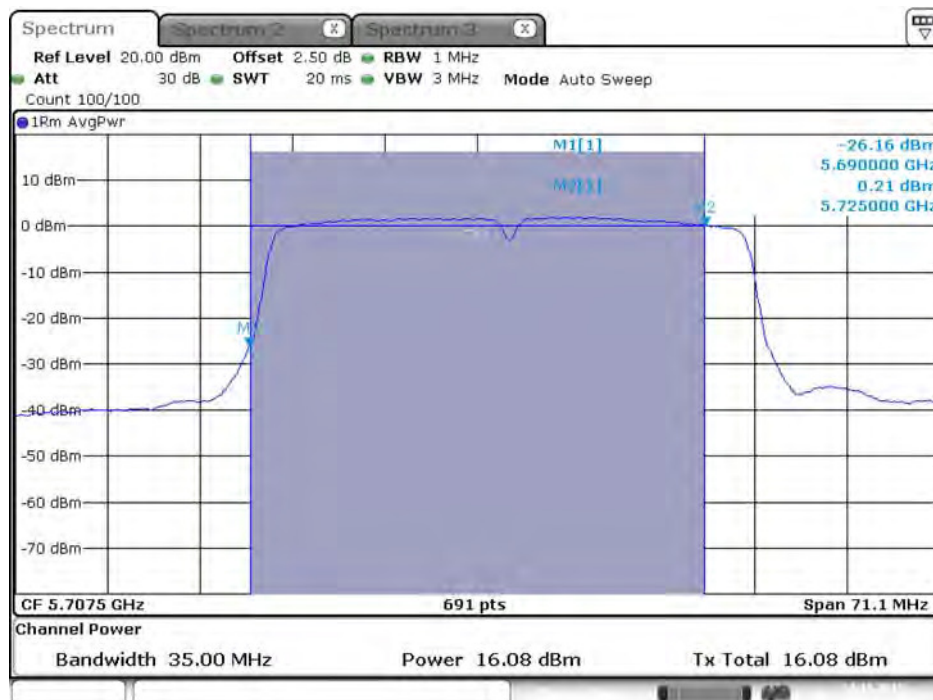
Date: 24.NOV.2015 04:32:36

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



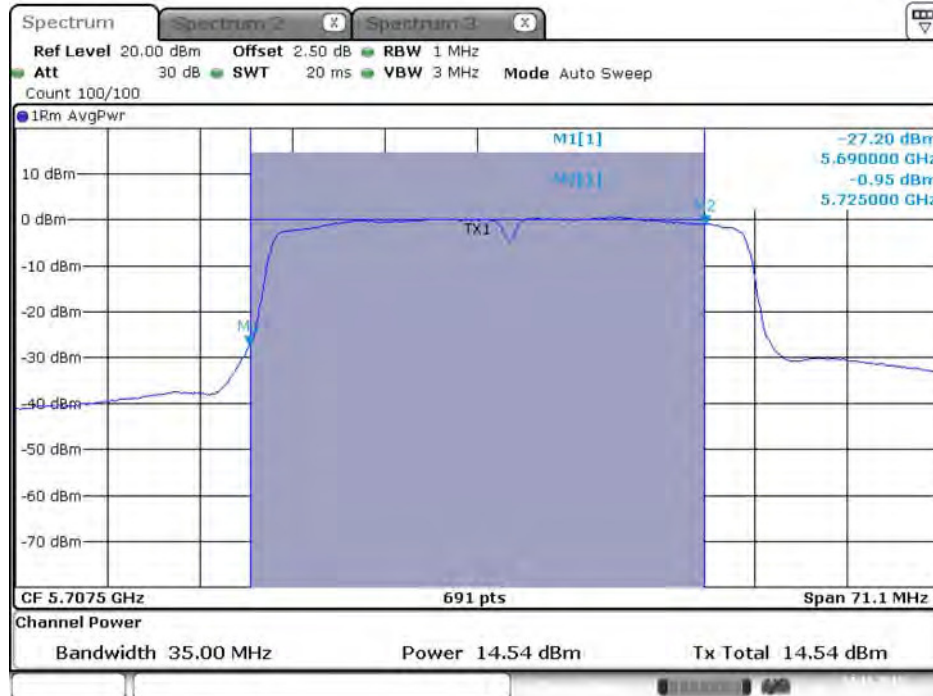
Date: 24.NOV.2015 04:35:30

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



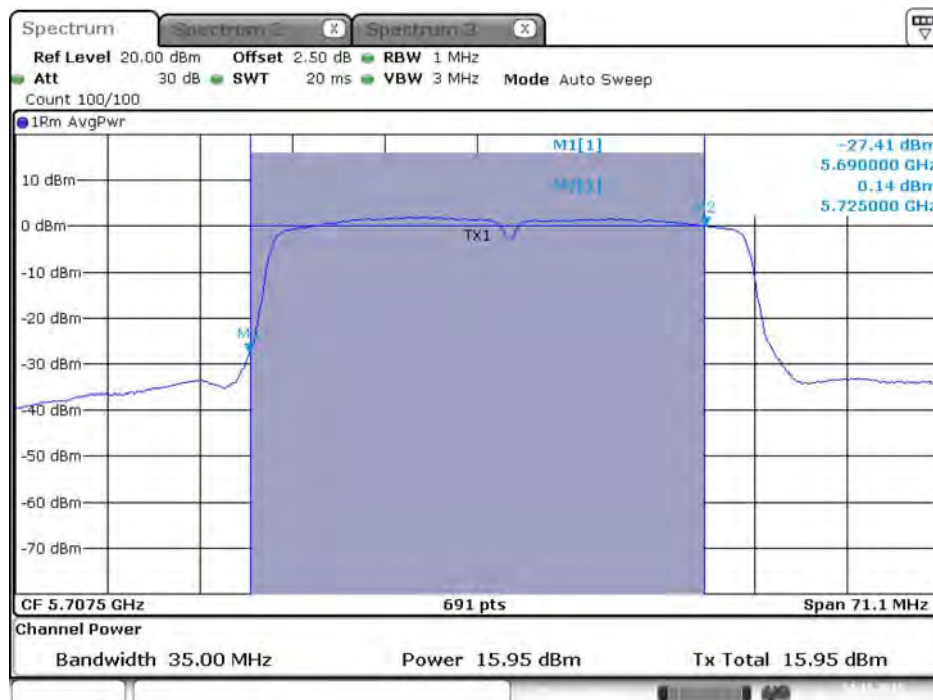
Date: 24.NOV.2015 04:35:38

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



Date: 24.NOV.2015 04:35:45

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



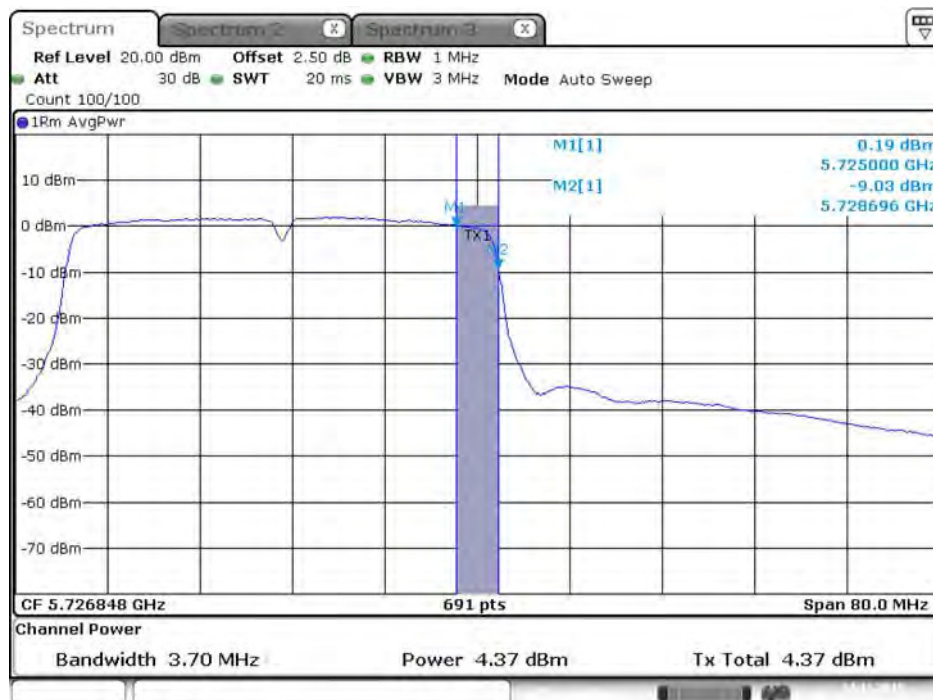
Date: 24.NOV.2015 04:35:52

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



Date: 24.NOV.2015 04:35:33

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



Date: 24.NOV.2015 04:35:41

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



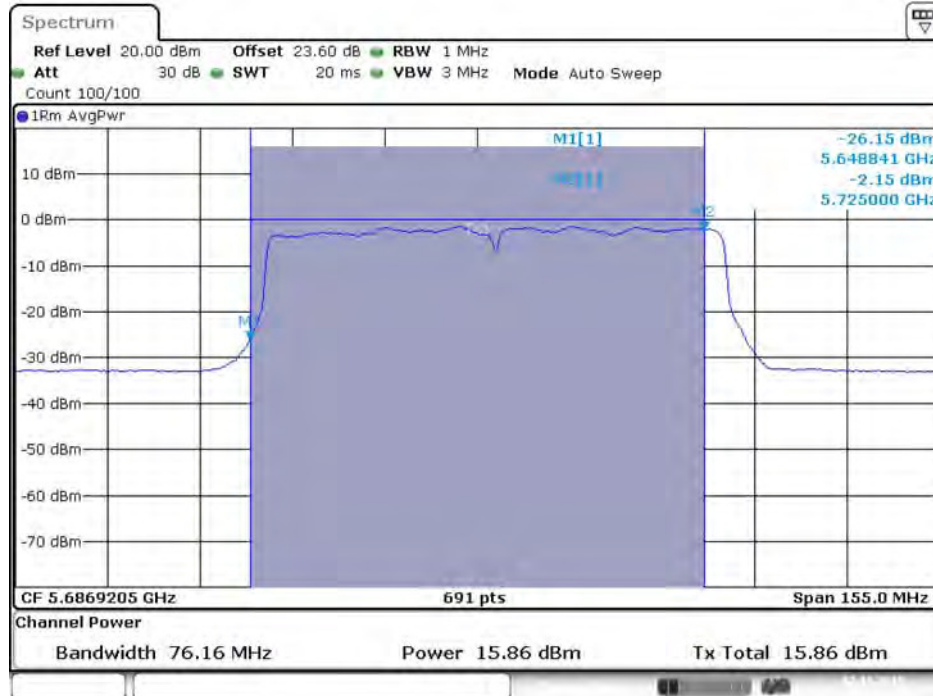
Date: 24.NOV.2015 04:35:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)



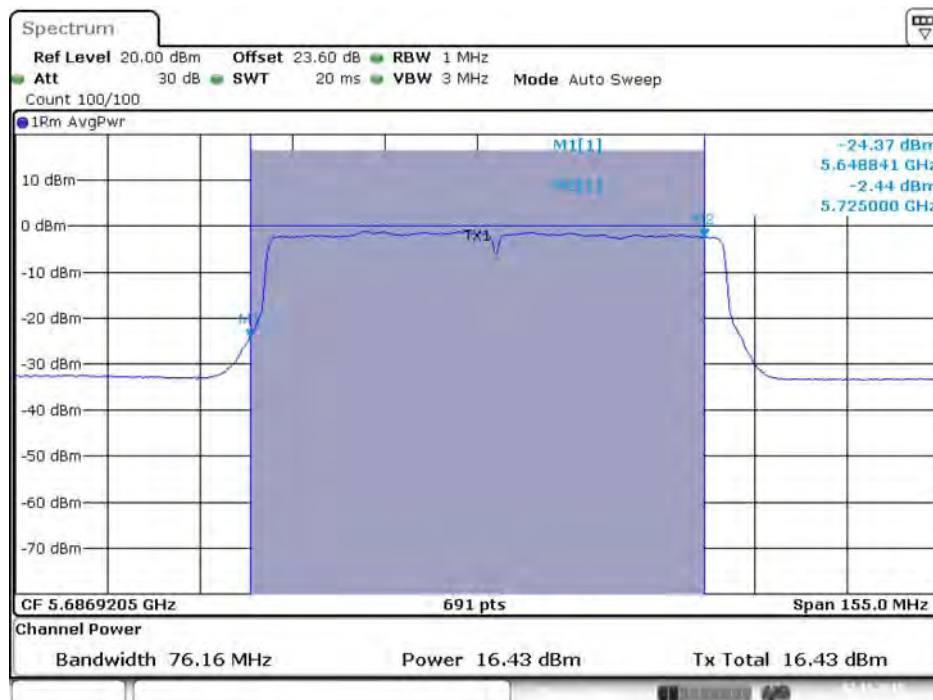
Date: 24.NOV.2015 04:35:56

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



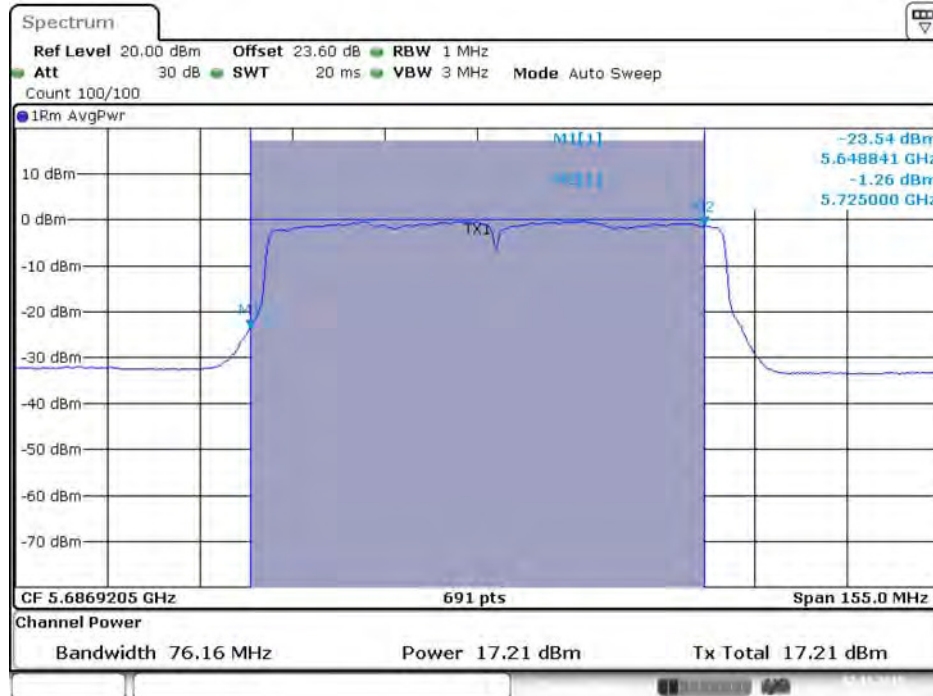
Date: 2.NOV.2015 19:18:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



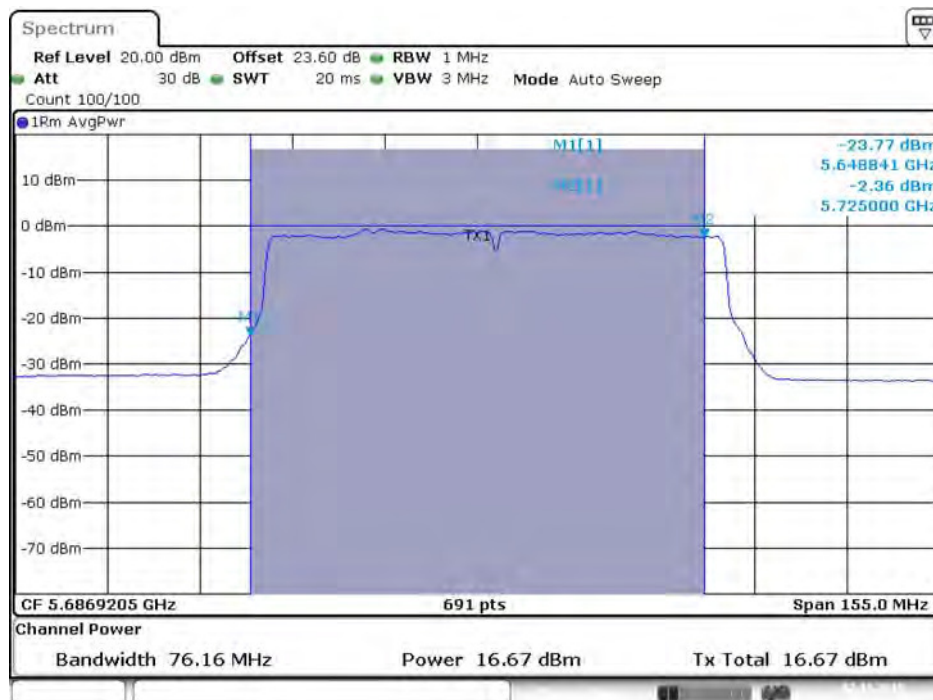
Date: 2.NOV.2015 19:18:19

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



Date: 2.NOV.2015 19:18:26

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



Date: 2.NOV.2015 19:18:34

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



Date: 2.NOV.2015 19:18:15

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



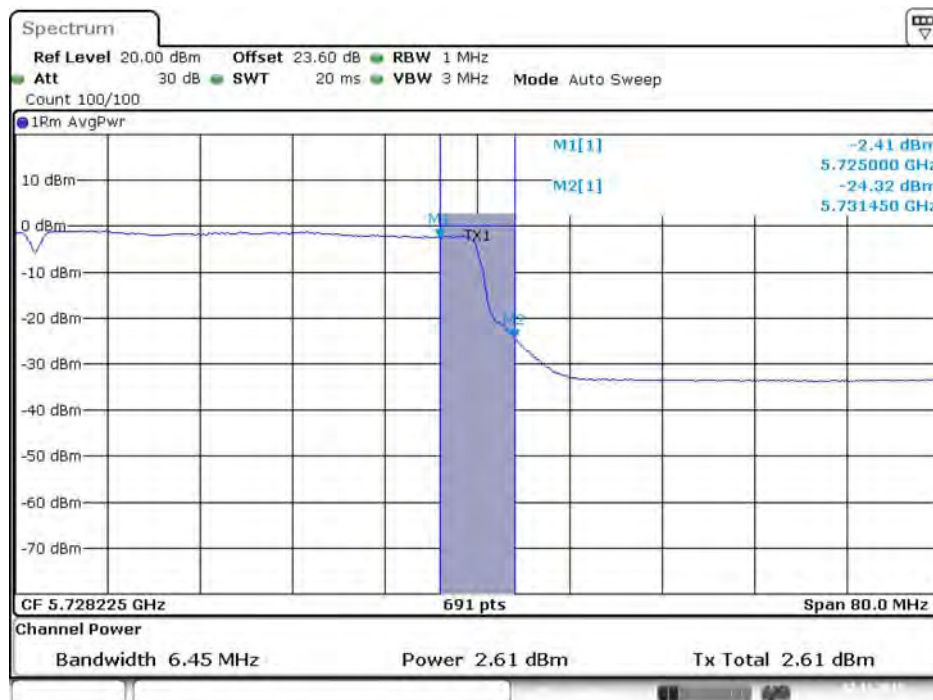
Date: 2.NOV.2015 19:18:22

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Date: 2.NOV.2015 19:18:30

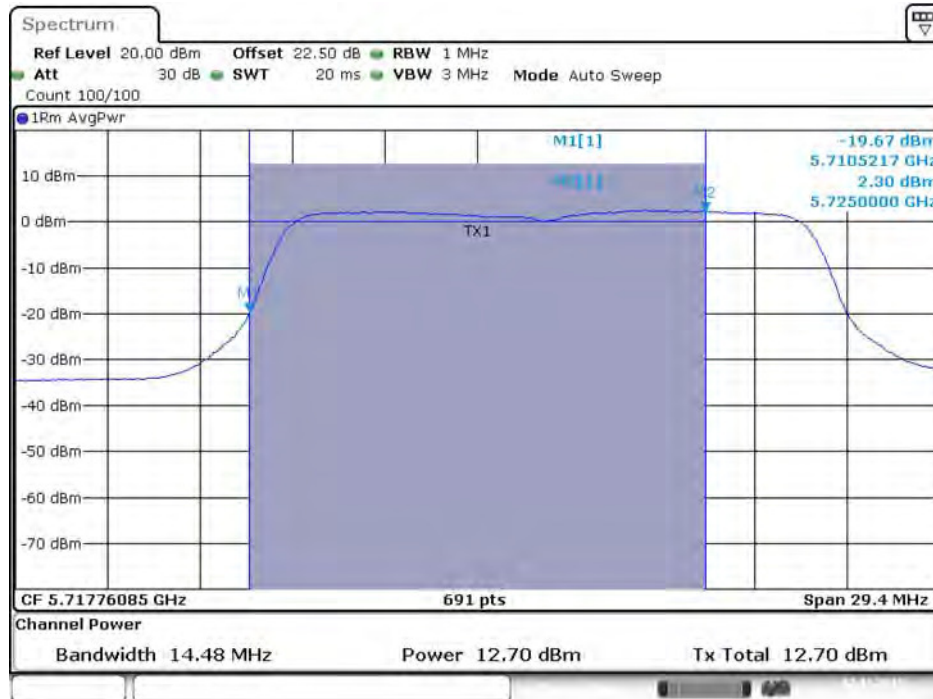
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



Date: 2.NOV.2015 19:18:37

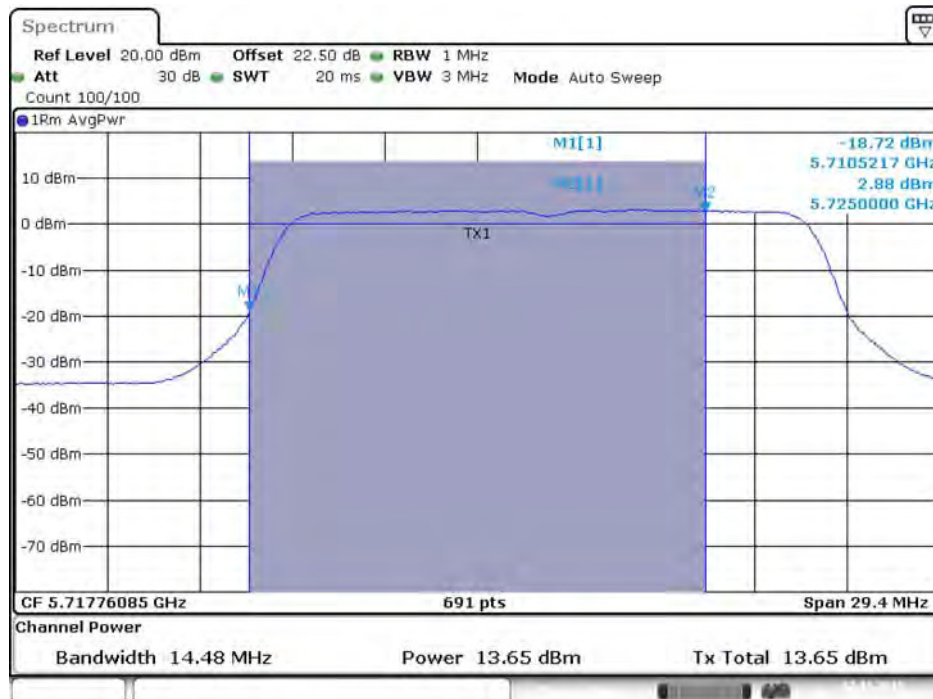
Mode 2: EUT 1 + Set 2 Sector Antenna / 6.5 dBi

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



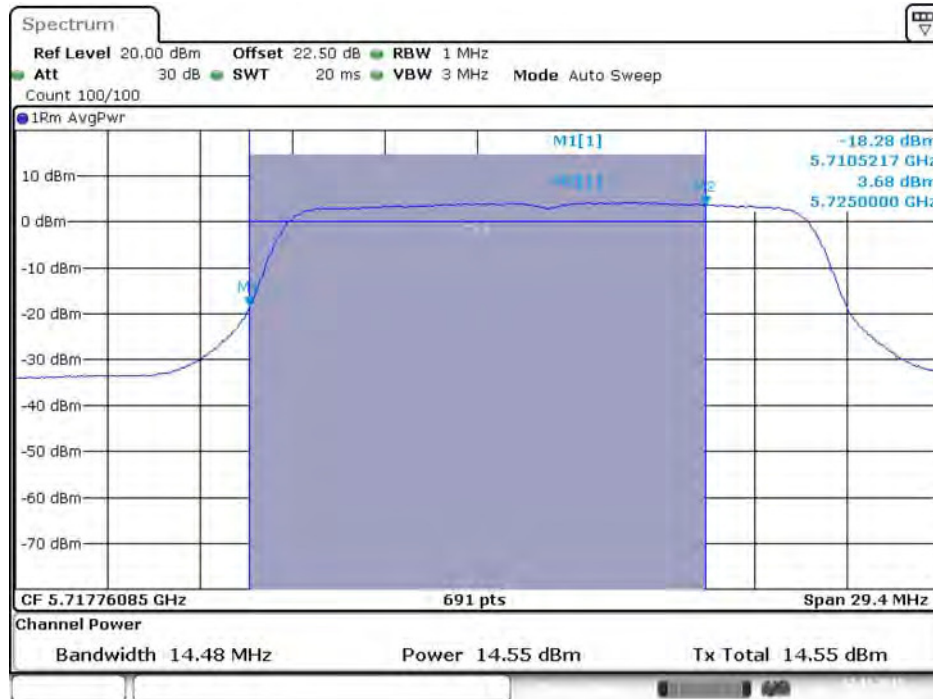
Date: 2.NOV.2015 12:38:21

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



Date: 2.NOV.2015 12:38:29

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 2C)



Date: 2.NOV.2015 12:38:36

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



Date: 2.NOV.2015 12:38:44

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



Date: 2.NOV.2015 12:38:25

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



Date: 2.NOV.2015 12:38:32

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



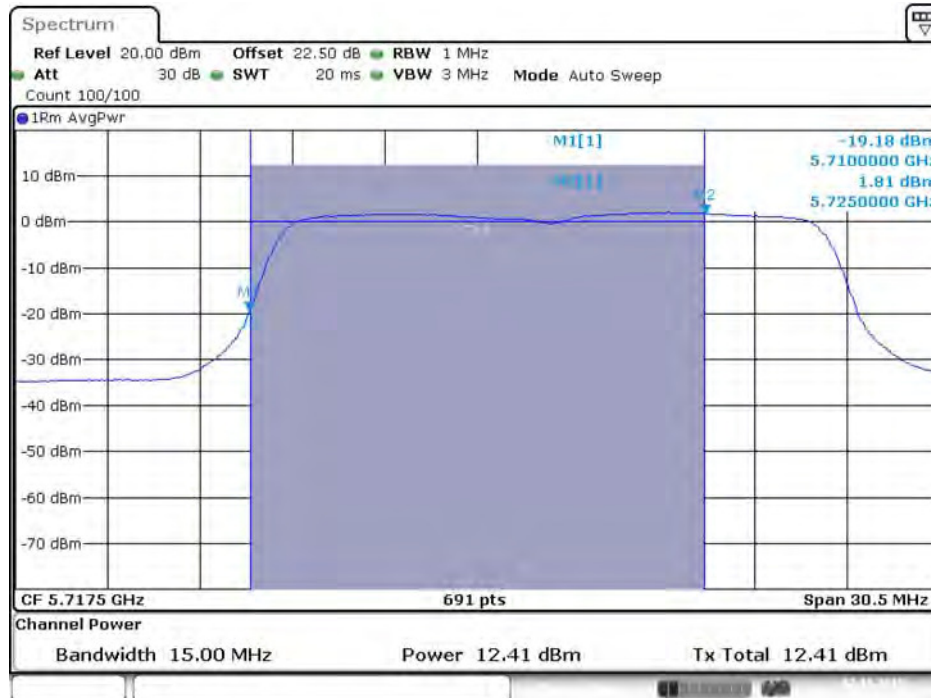
Date: 2.NOV.2015 12:38:39

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 4 / 5720 MHz (UNII 3)



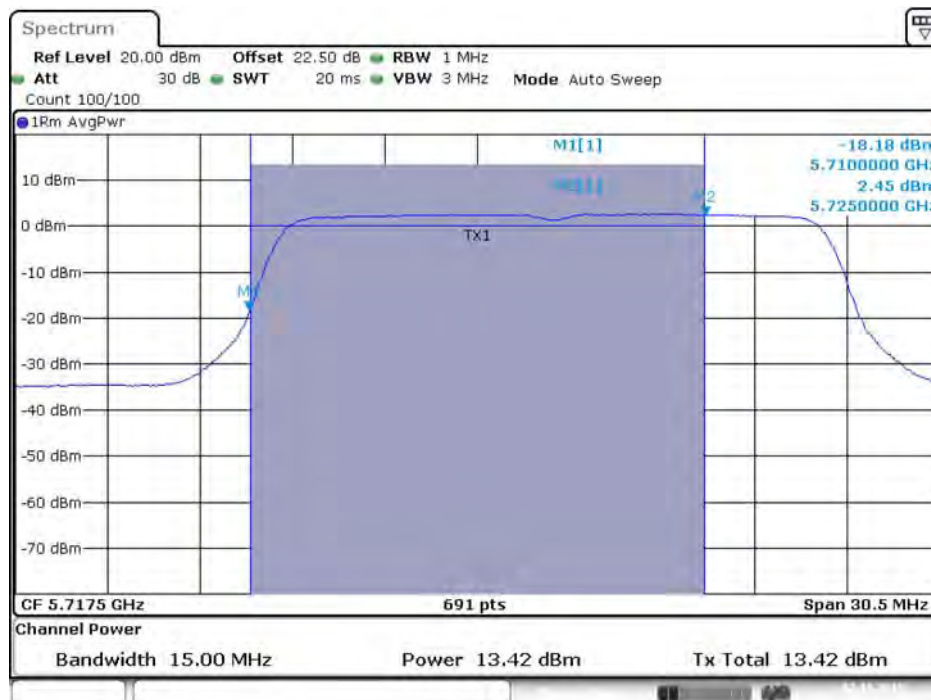
Date: 2.NOV.2015 12:38:47

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



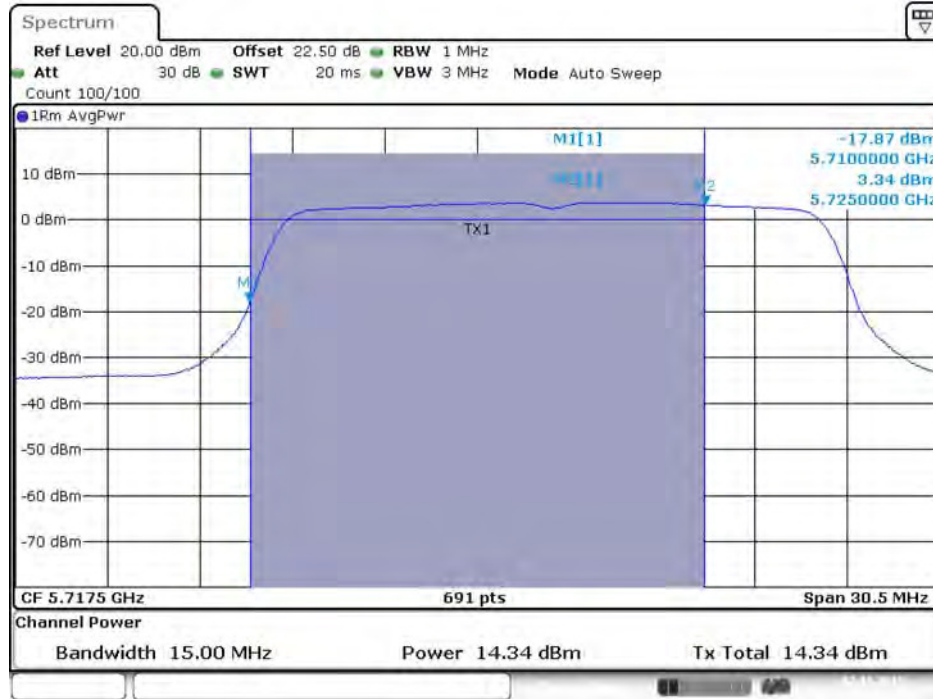
Date: 2.NOV.2015 12:53:07

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



Date: 2.NOV.2015 12:53:14

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



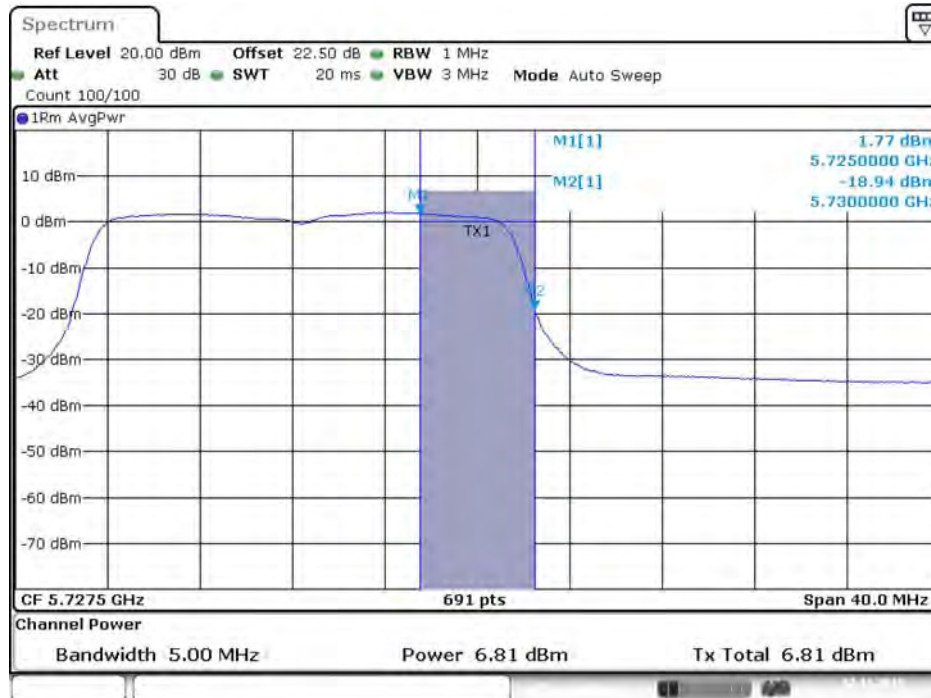
Date: 2.NOV.2015 12:53:22

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



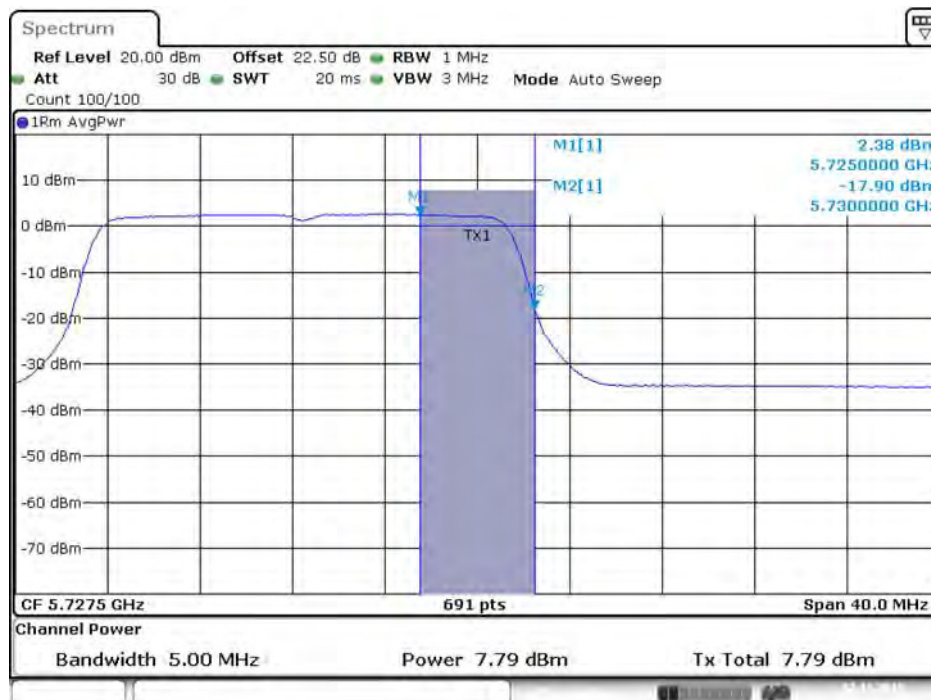
Date: 2.NOV.2015 12:53:29

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



Date: 2.NOV.2015 12:53:10

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



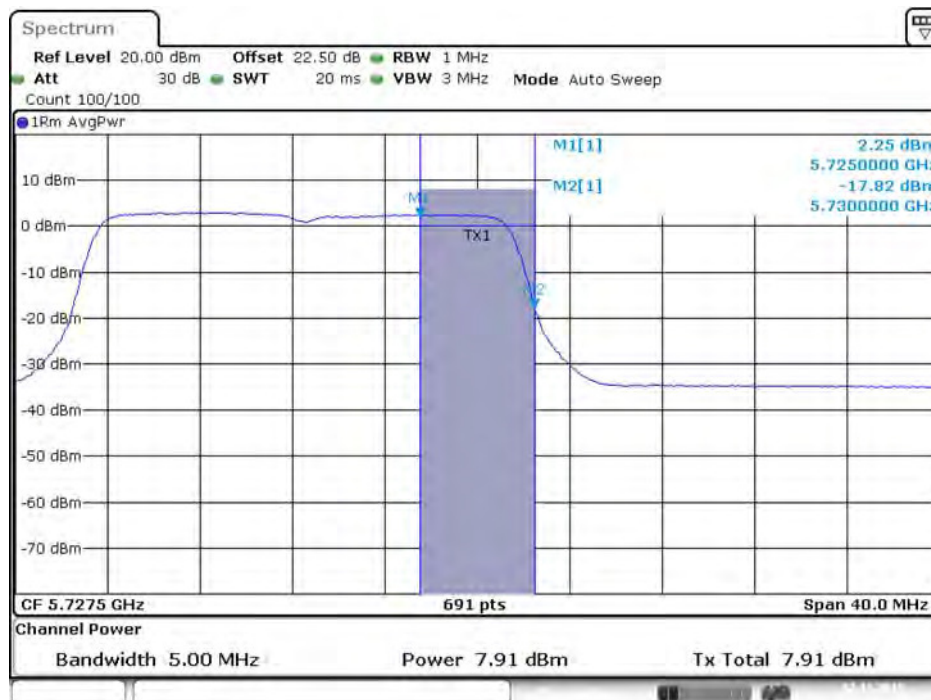
Date: 2.NOV.2015 12:53:18

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



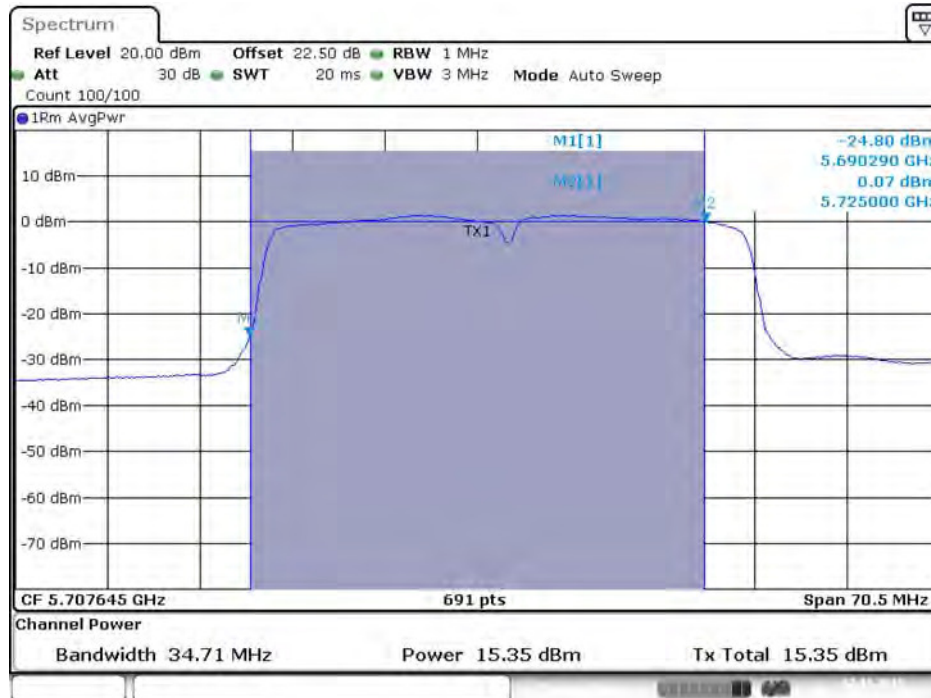
Date: 2.NOV.2015 12:53:25

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)



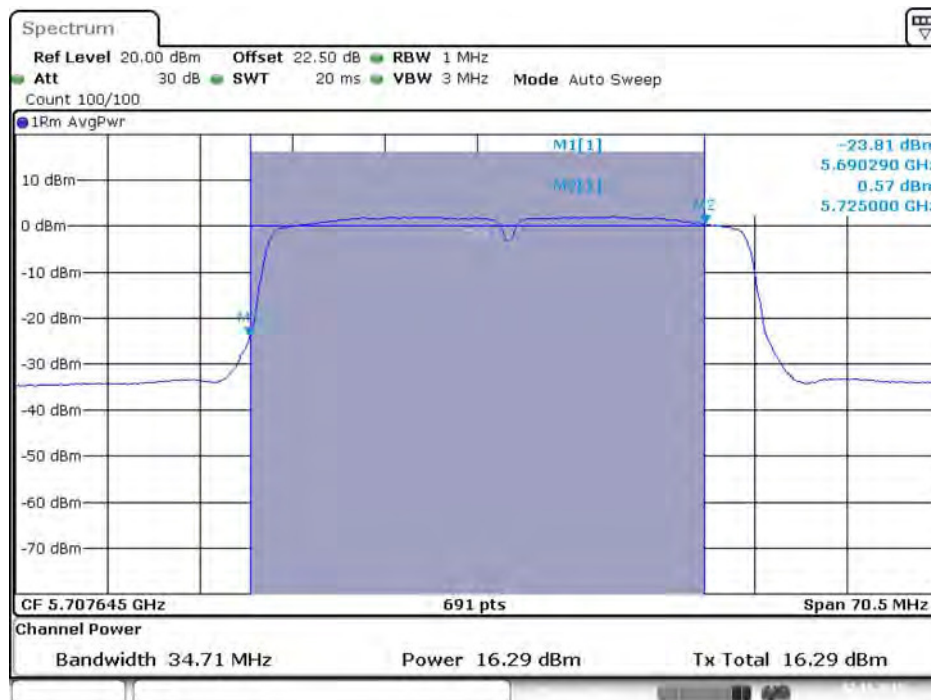
Date: 2.NOV.2015 12:53:32

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



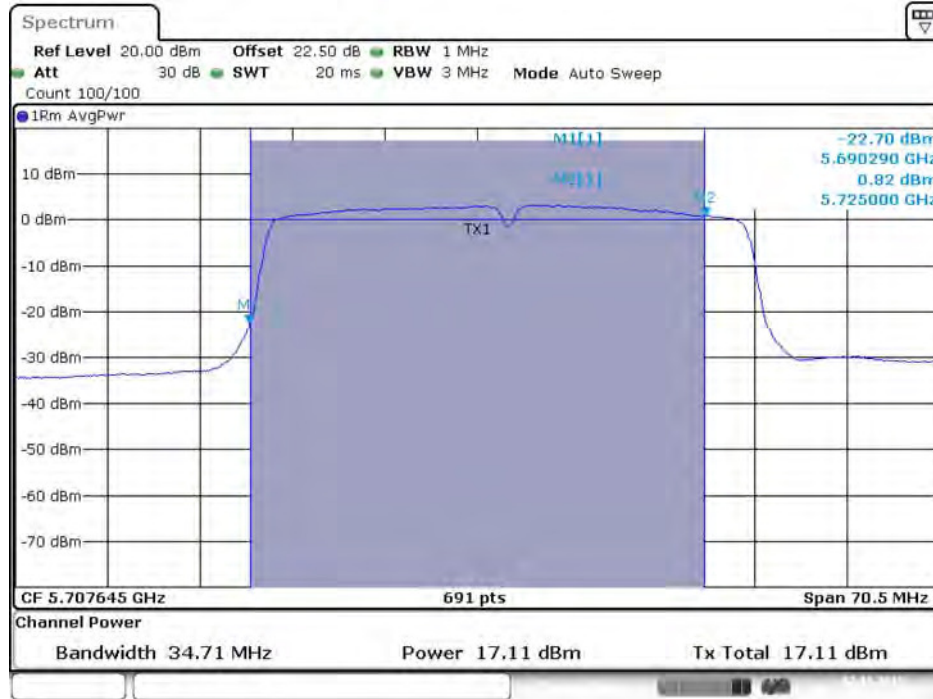
Date: 2.NOV.2015 13:04:04

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



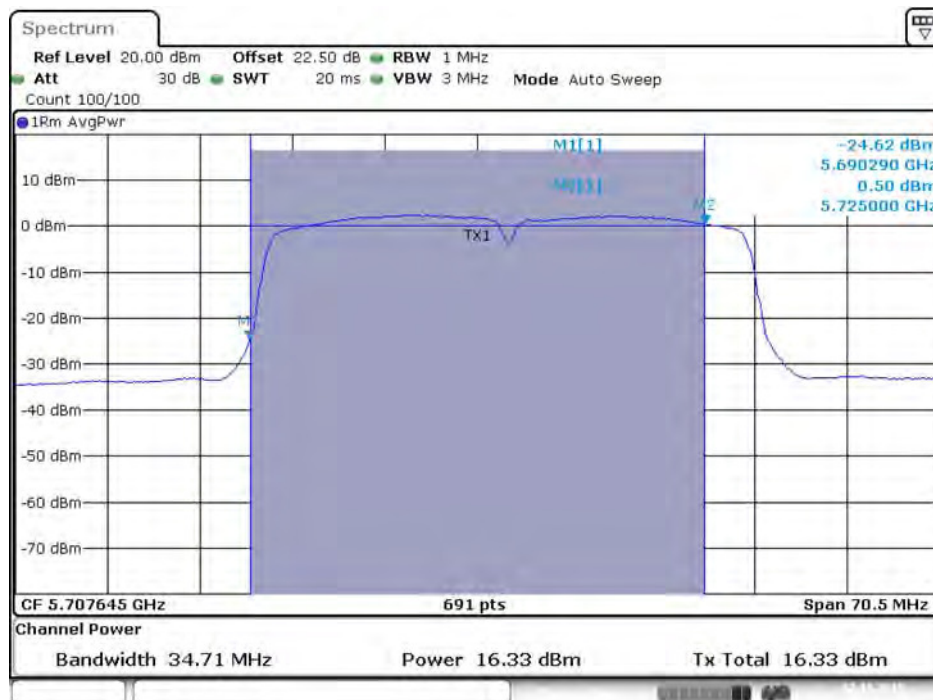
Date: 2.NOV.2015 13:04:12

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



Date: 2.NOV.2015 13:04:19

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



Date: 2.NOV.2015 13:04:26

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



Date: 2.NOV.2015 13:04:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



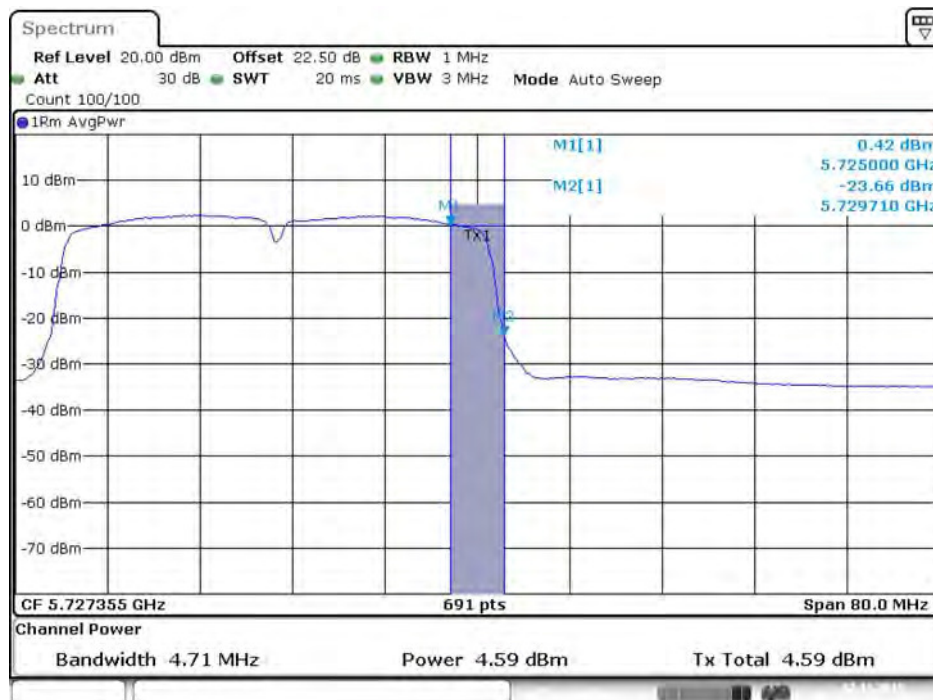
Date: 2.NOV.2015 13:04:15

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



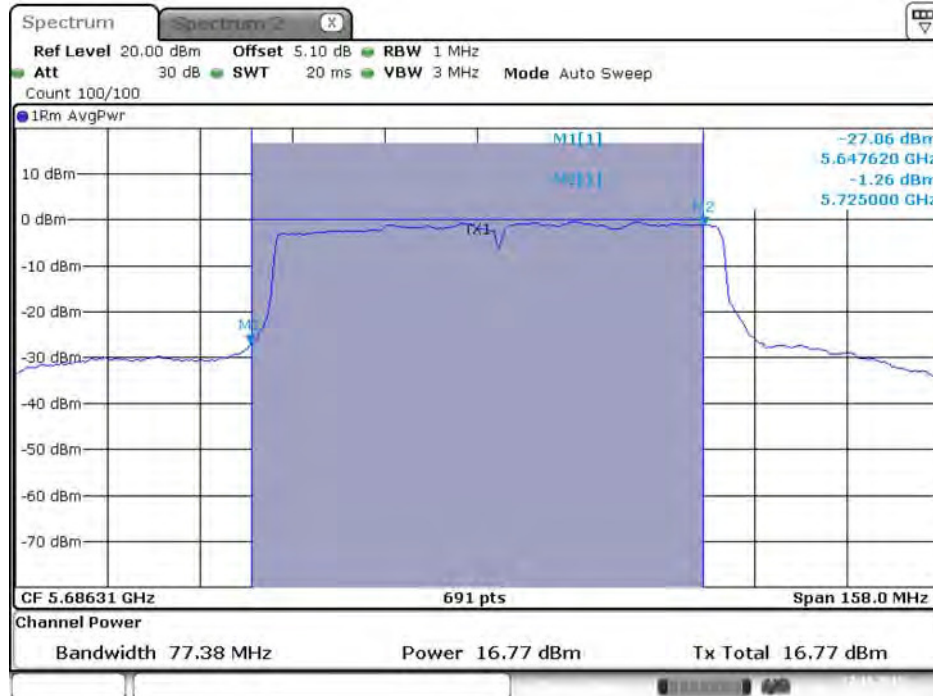
Date: 2.NOV.2015 13:04:22

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)



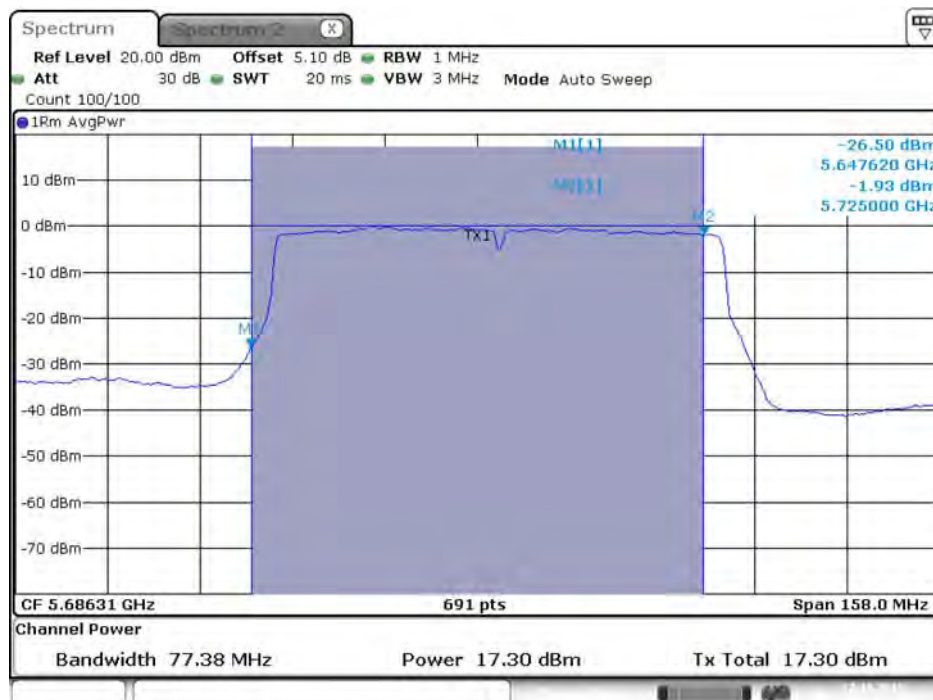
Date: 2.NOV.2015 13:04:30

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



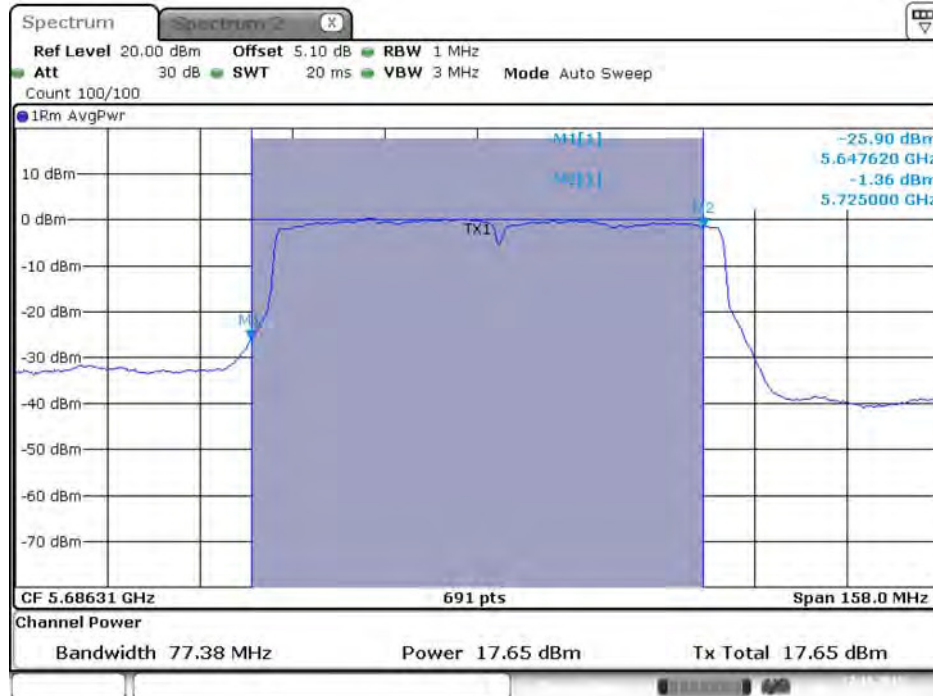
Date: 27.OCT.2015 00:30:52

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



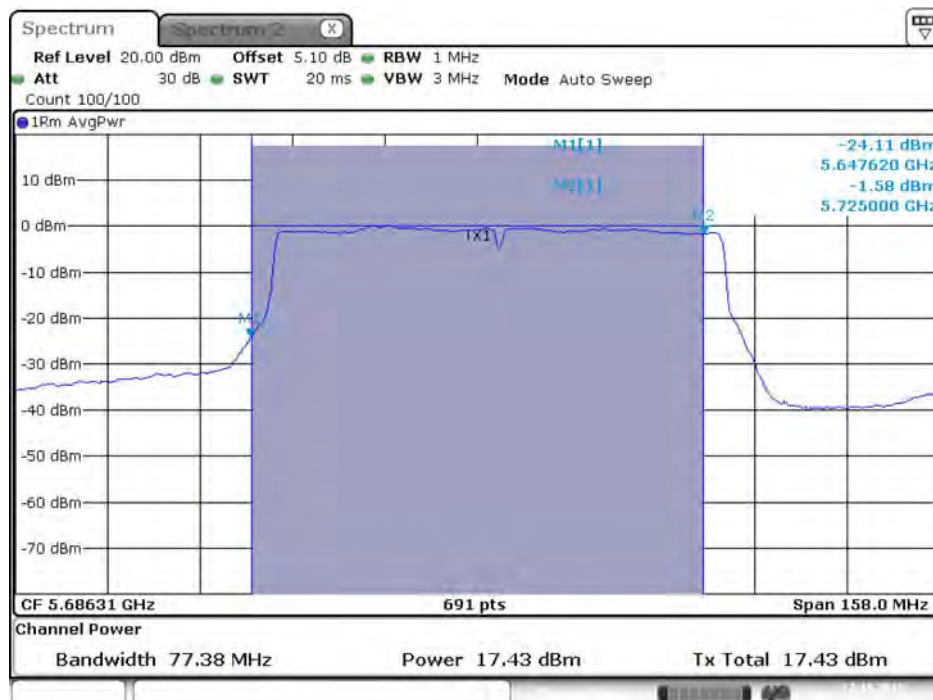
Date: 27.OCT.2015 00:30:59

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



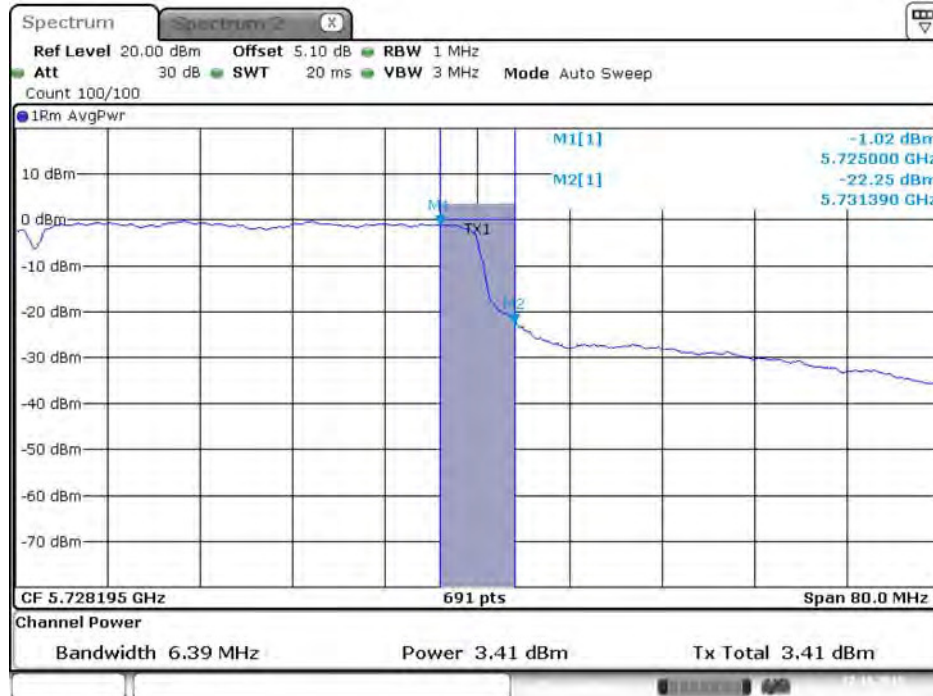
Date: 27.OCT.2015 00:31:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



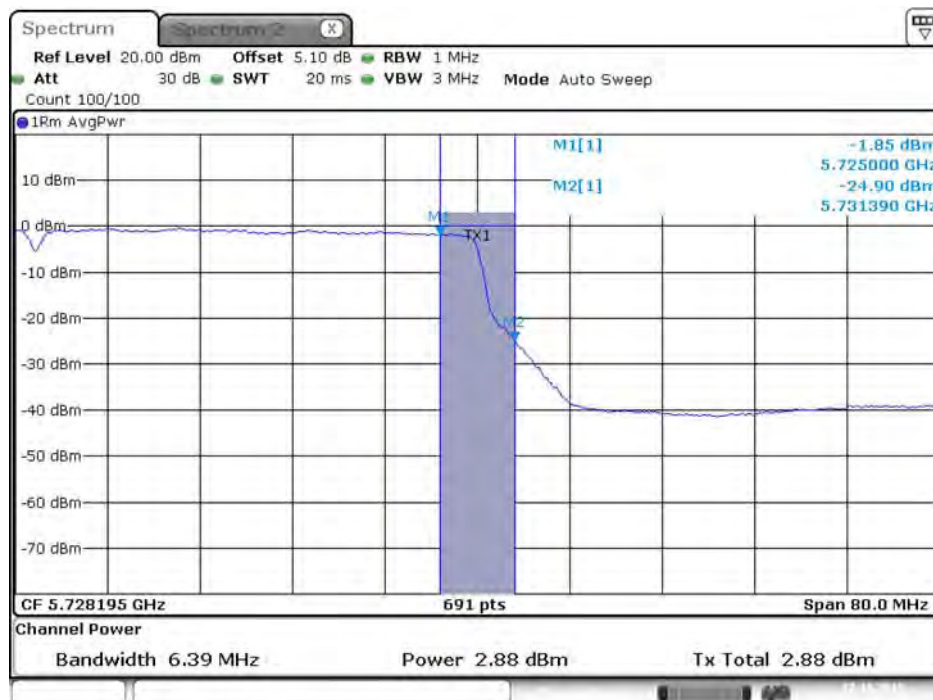
Date: 27.OCT.2015 00:31:13

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



Date: 27.OCT.2015 00:30:55

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



Date: 27.OCT.2015 00:31:02

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Date: 27.OCT.2015 00:31:09

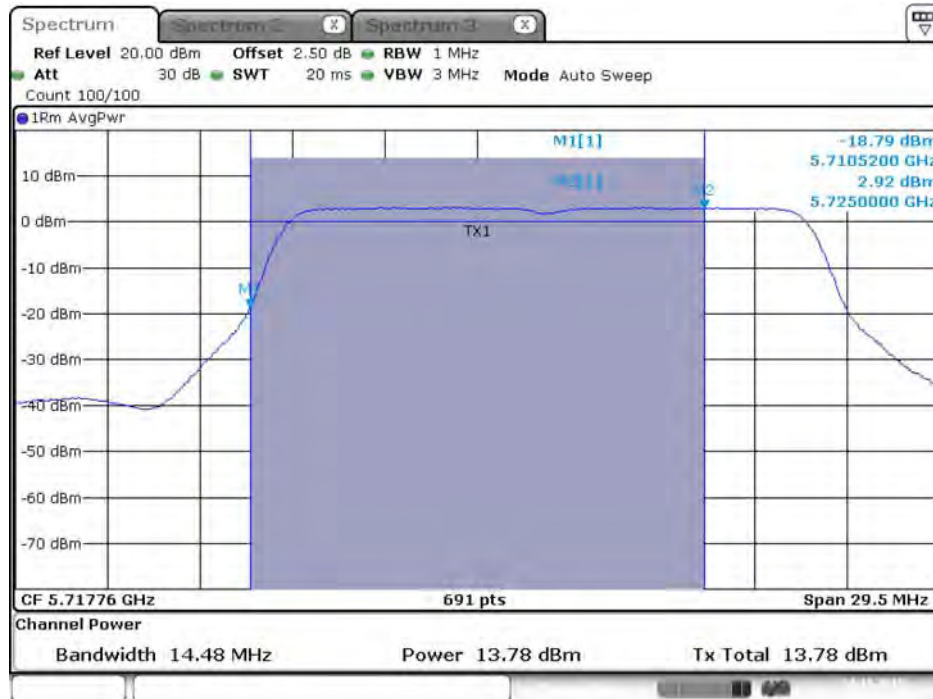
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



Date: 27.OCT.2015 00:31:16

Mode 3: EUT 1 + Set 3 Sector Antenna / 5.5 dBi

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



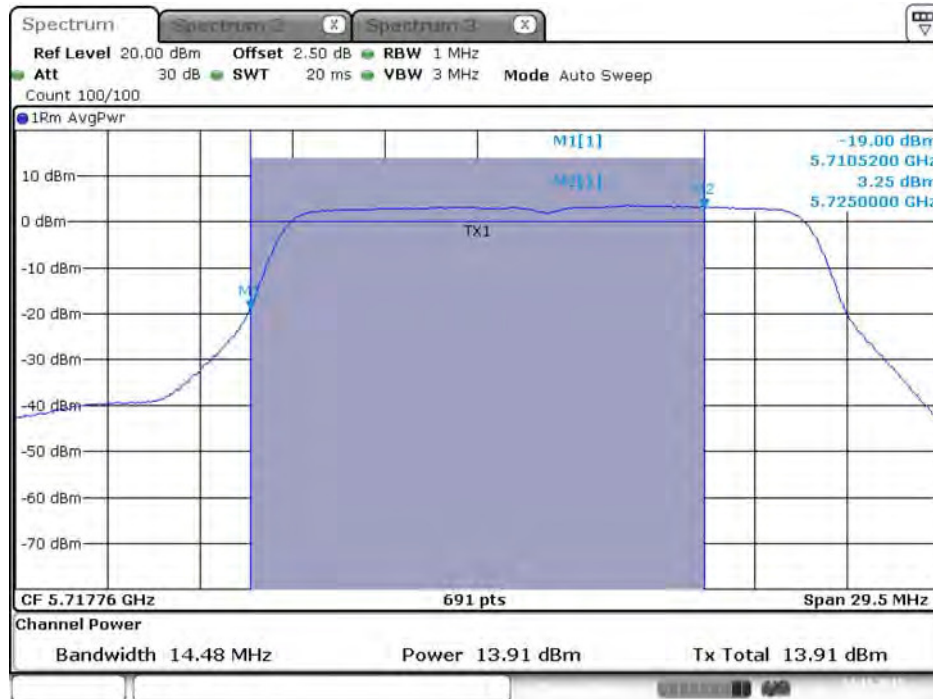
Date: 24.NOV.2015 04:13:46

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



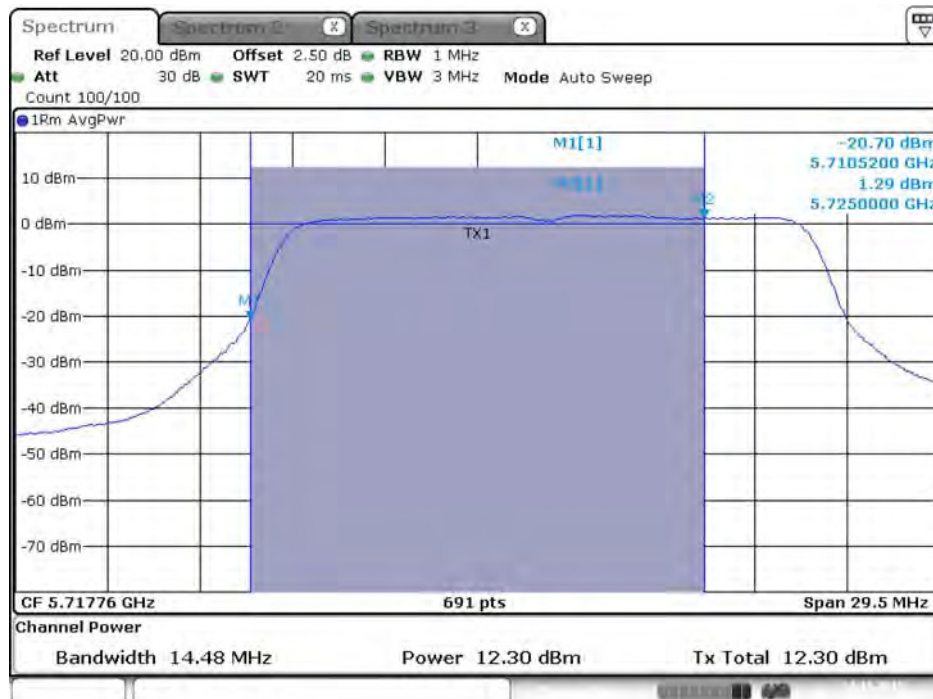
Date: 24.NOV.2015 04:13:24

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:13:31

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:13:39

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:13:27

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:13:35

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



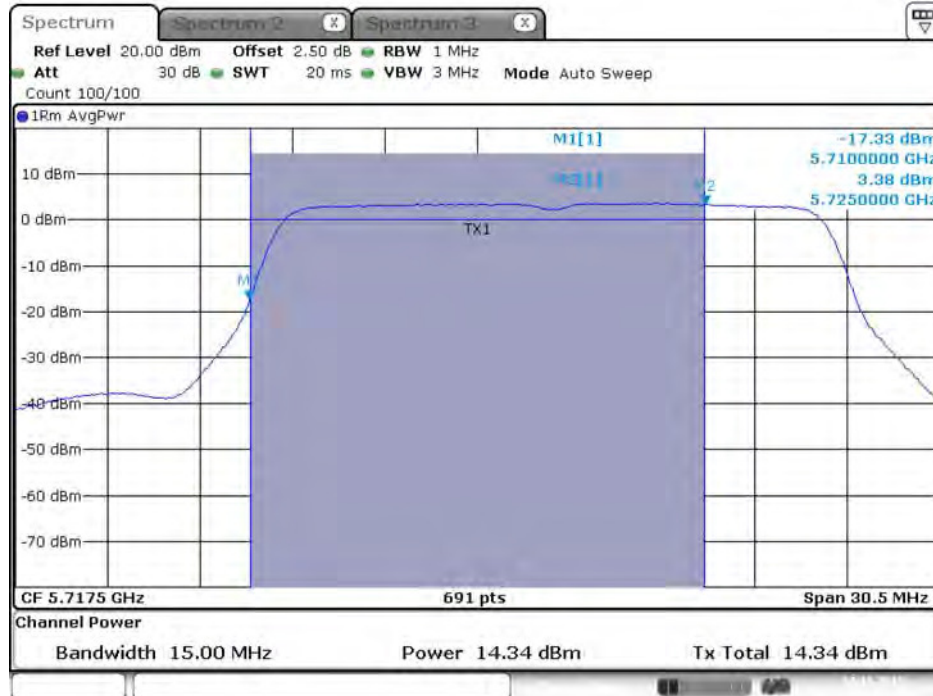
Date: 24.NOV.2015 04:13:42

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 4 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:13:49

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



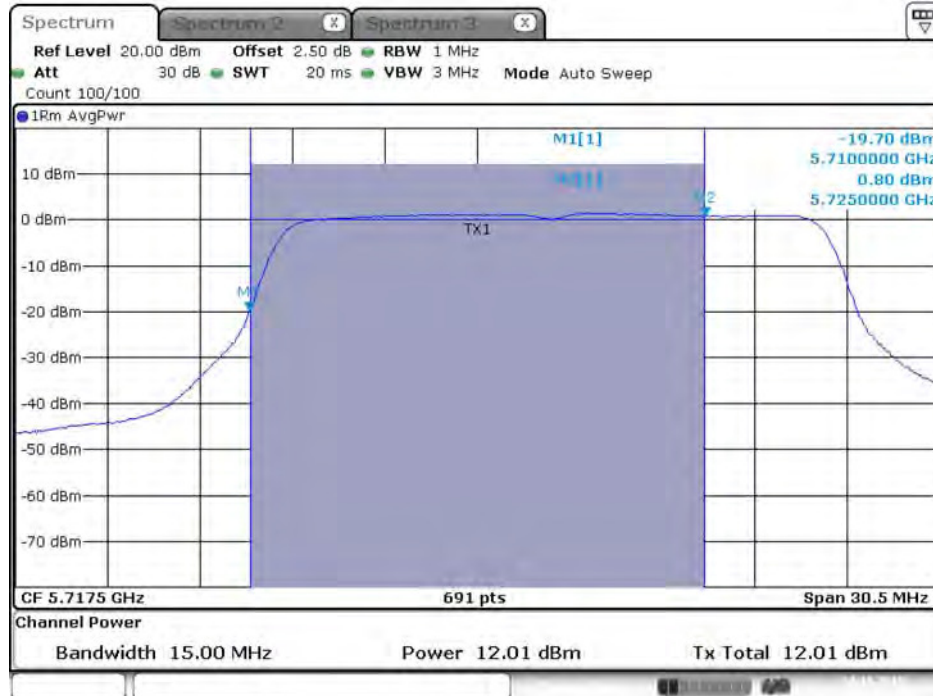
Date: 24.NOV.2015 04:06:16

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



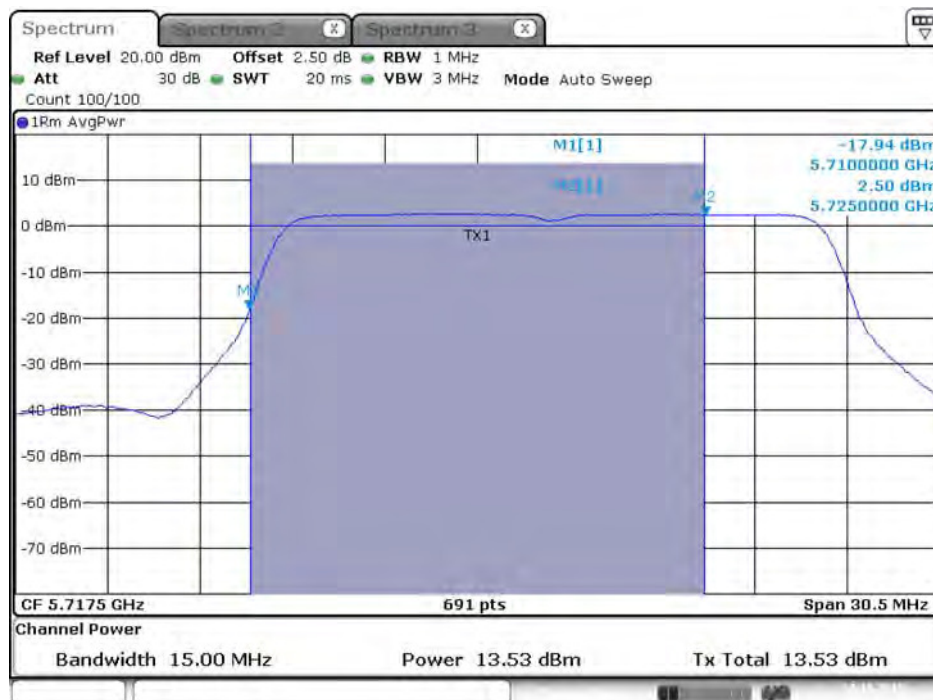
Date: 24.NOV.2015 04:06:23

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:06:31

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:06:38

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:06:19

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:06:27

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



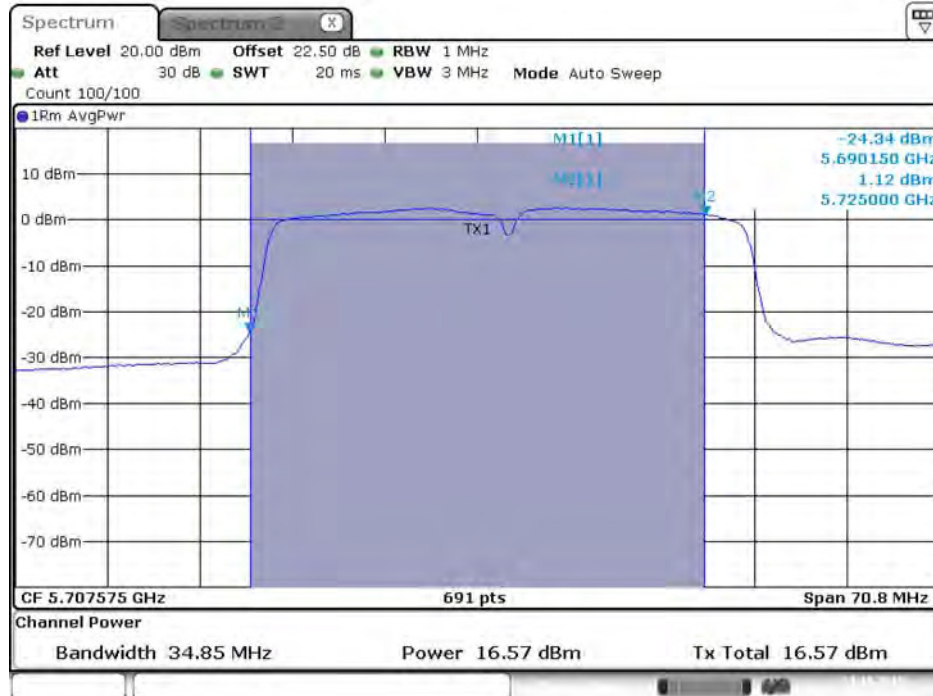
Date: 24.NOV.2015 04:06:34

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)



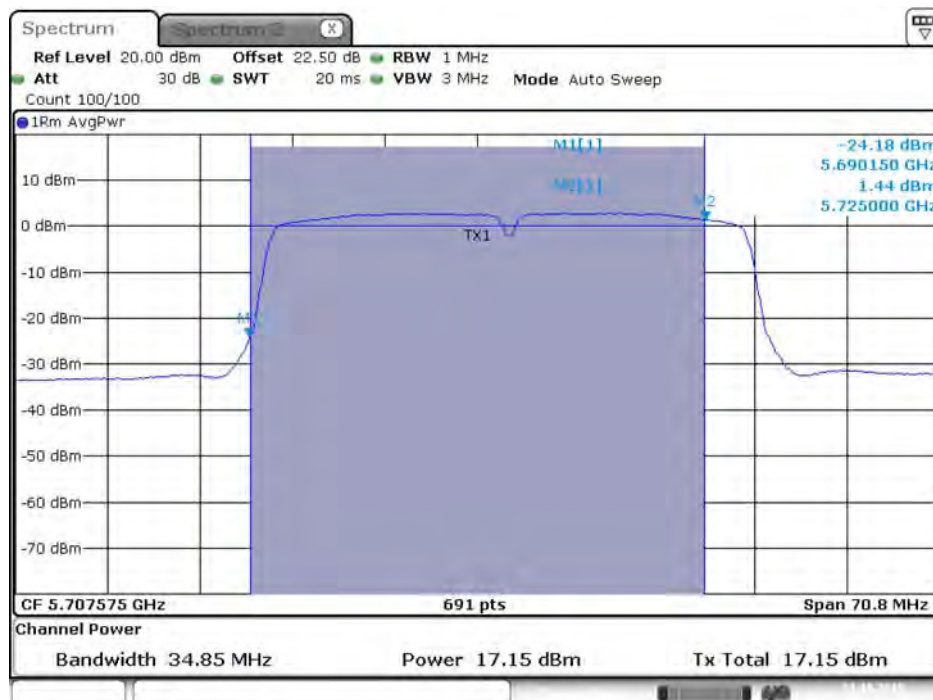
Date: 24.NOV.2015 04:06:41

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



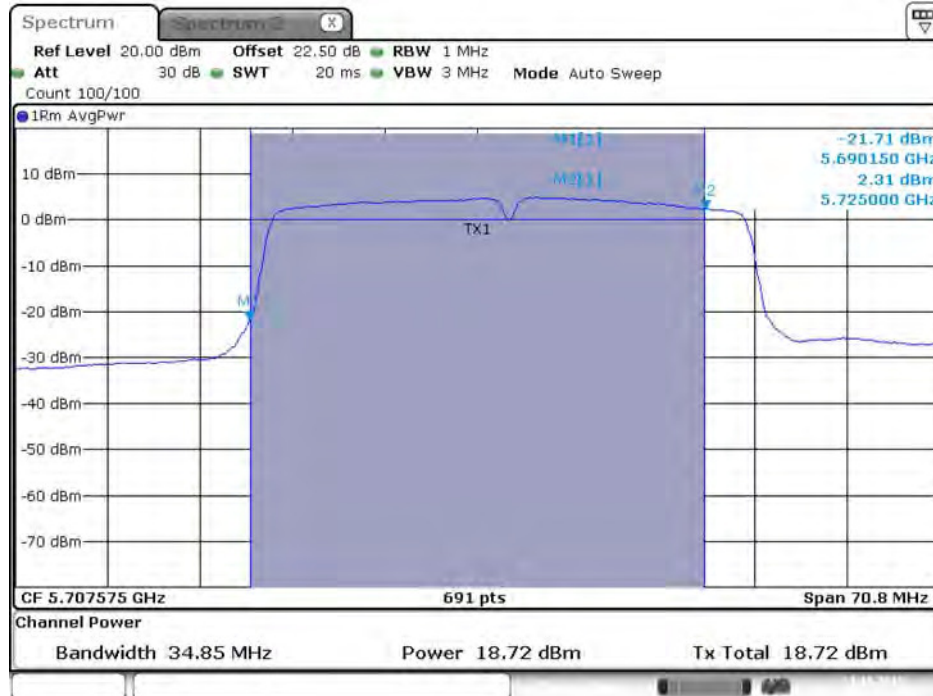
Date: 23.OCT.2015 17:29:20

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



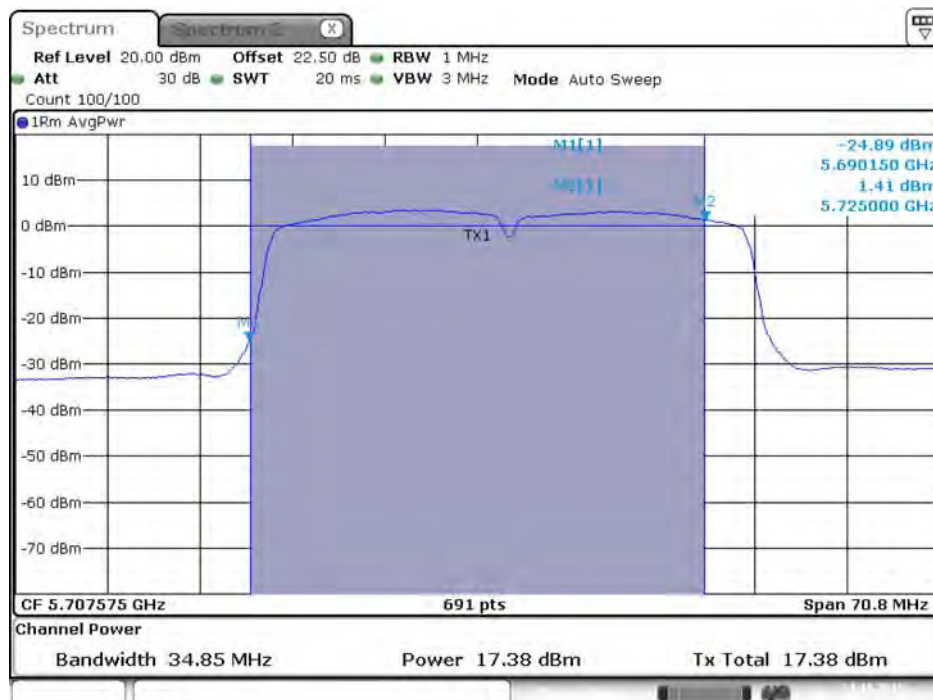
Date: 23.OCT.2015 17:29:27

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



Date: 23.OCT.2015 17:29:35

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



Date: 23.OCT.2015 17:29:42

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



Date: 23.OCT.2015 17:29:24

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



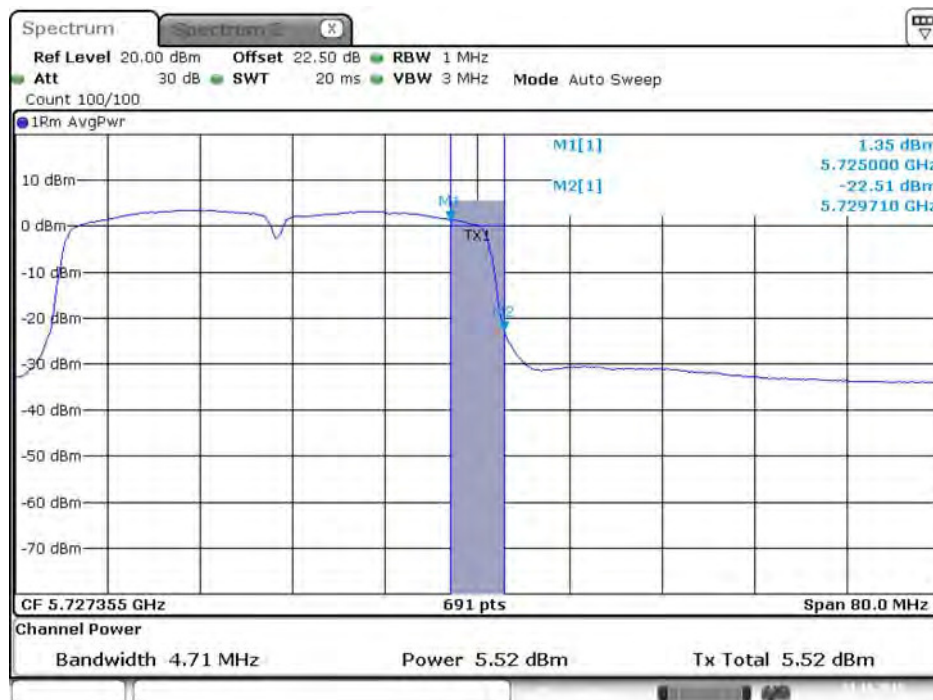
Date: 23.OCT.2015 17:29:31

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



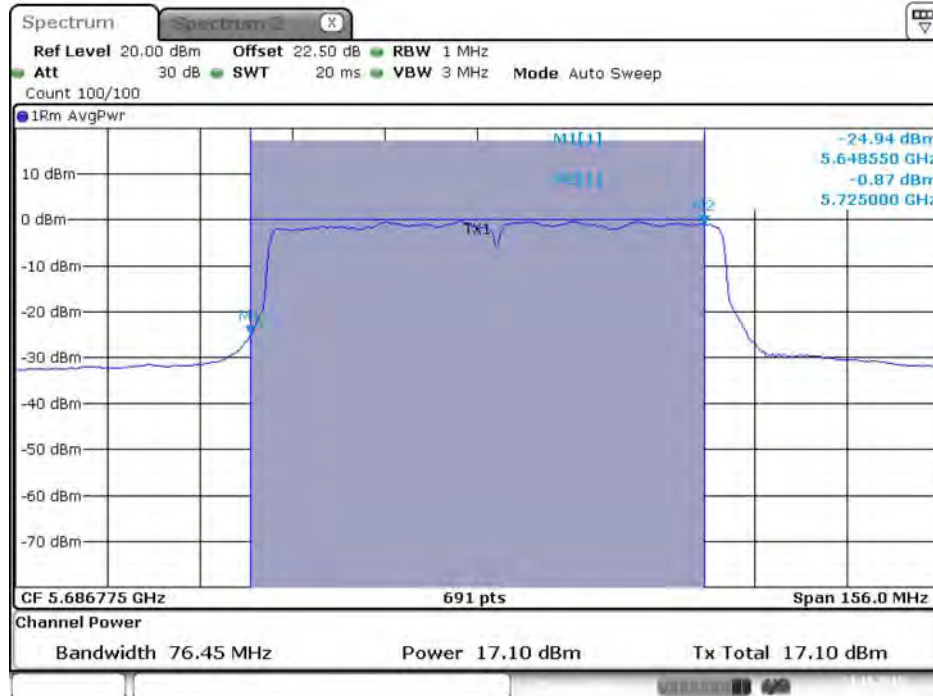
Date: 23.OCT.2015 17:29:38

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)



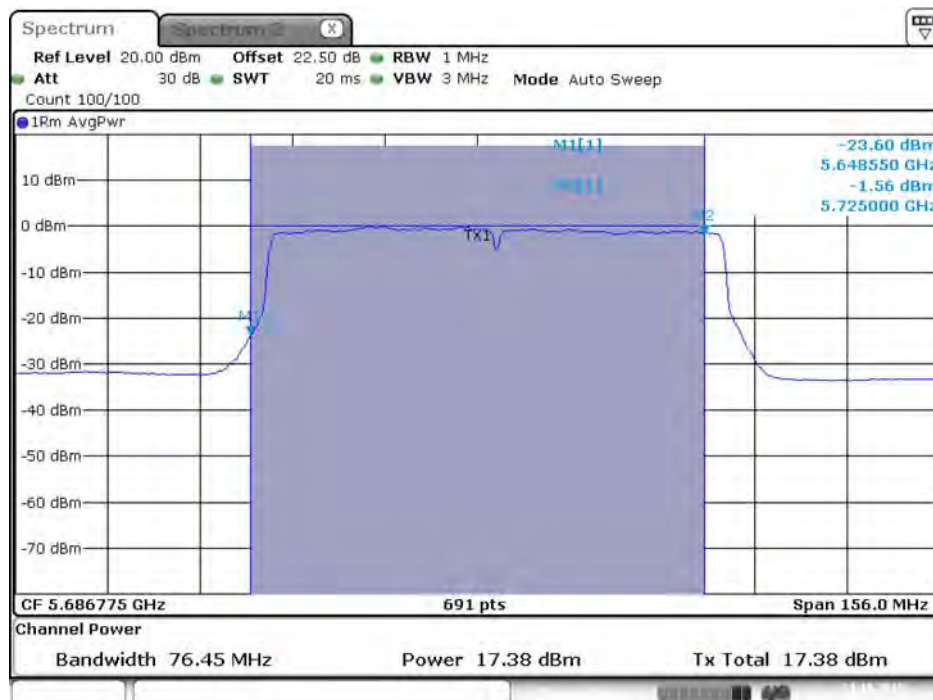
Date: 23.OCT.2015 17:29:45

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



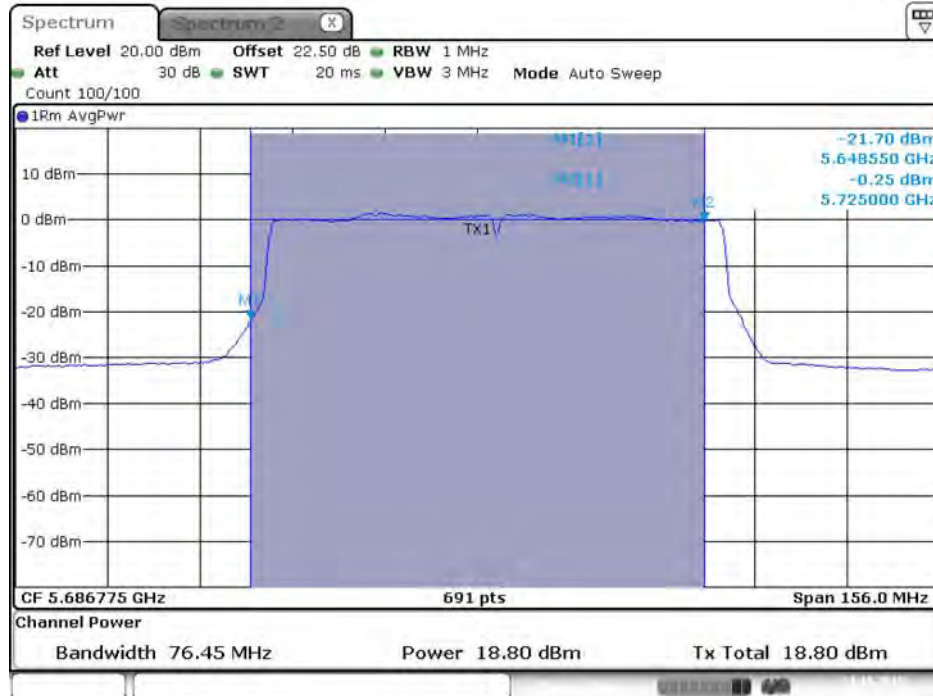
Date: 23.OCT.2015 17:38:00

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



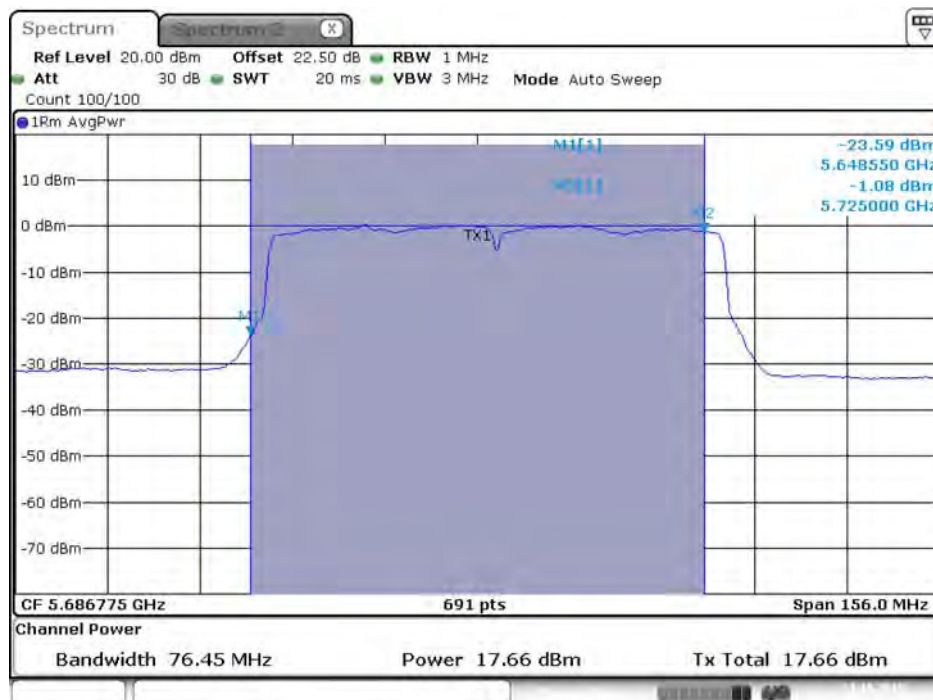
Date: 23.OCT.2015 17:38:07

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



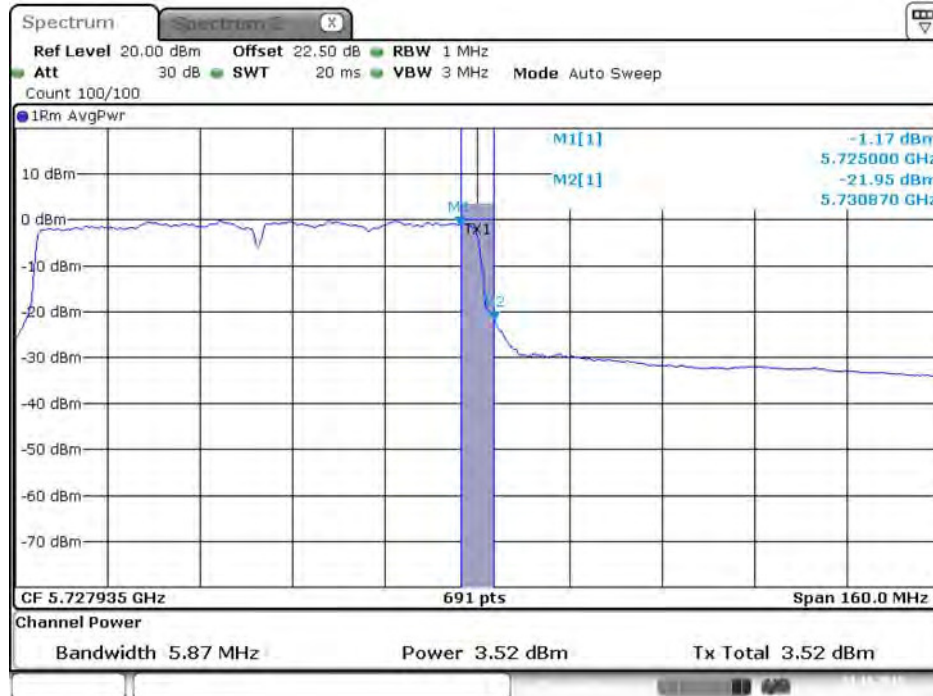
Date: 23.OCT.2015 17:36:14

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



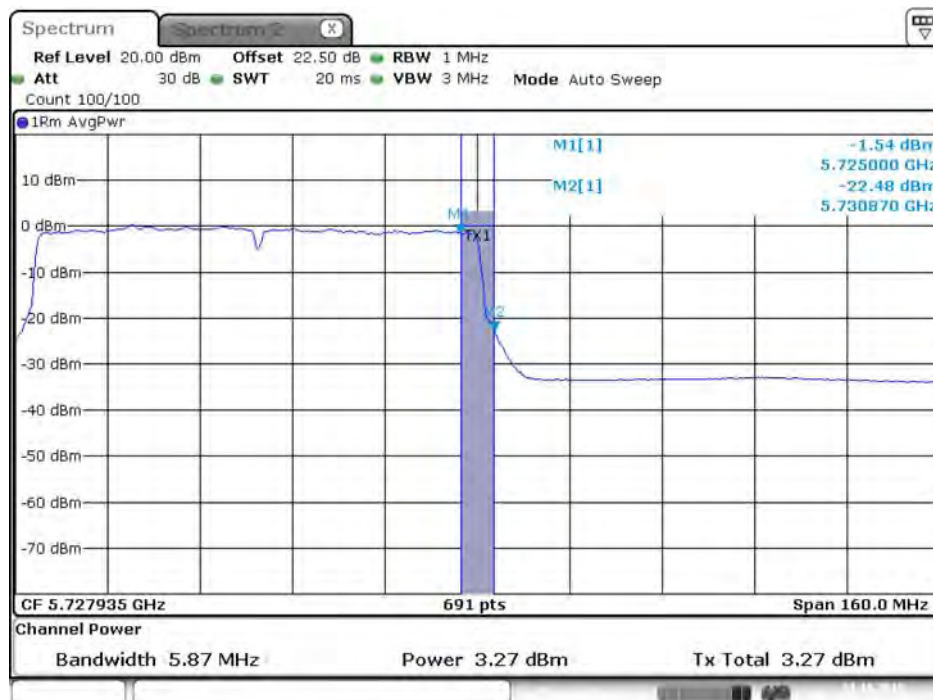
Date: 23.OCT.2015 17:36:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



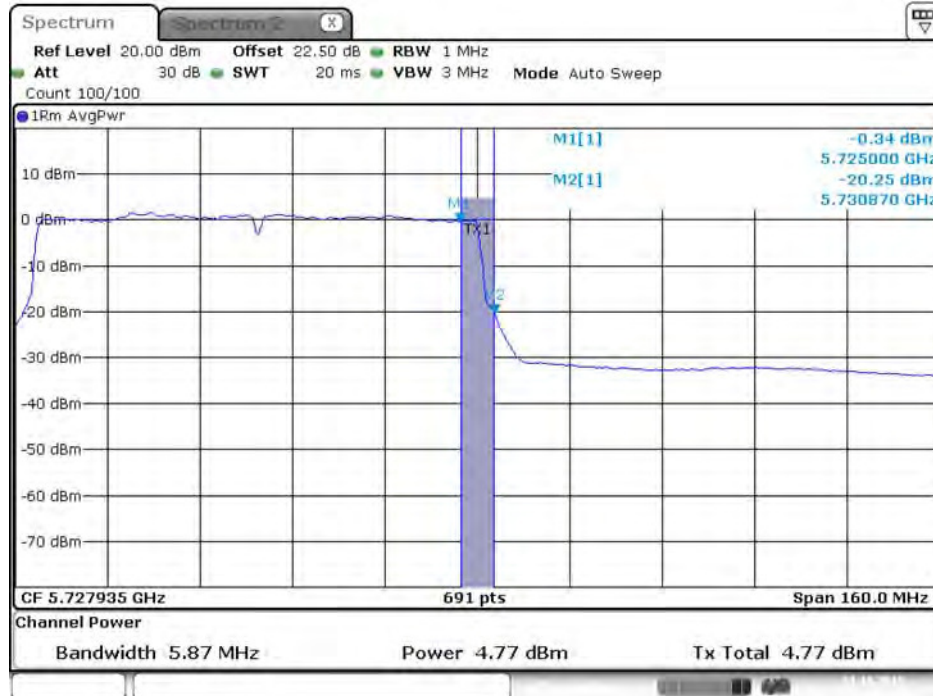
Date: 23.OCT.2015 17:36:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



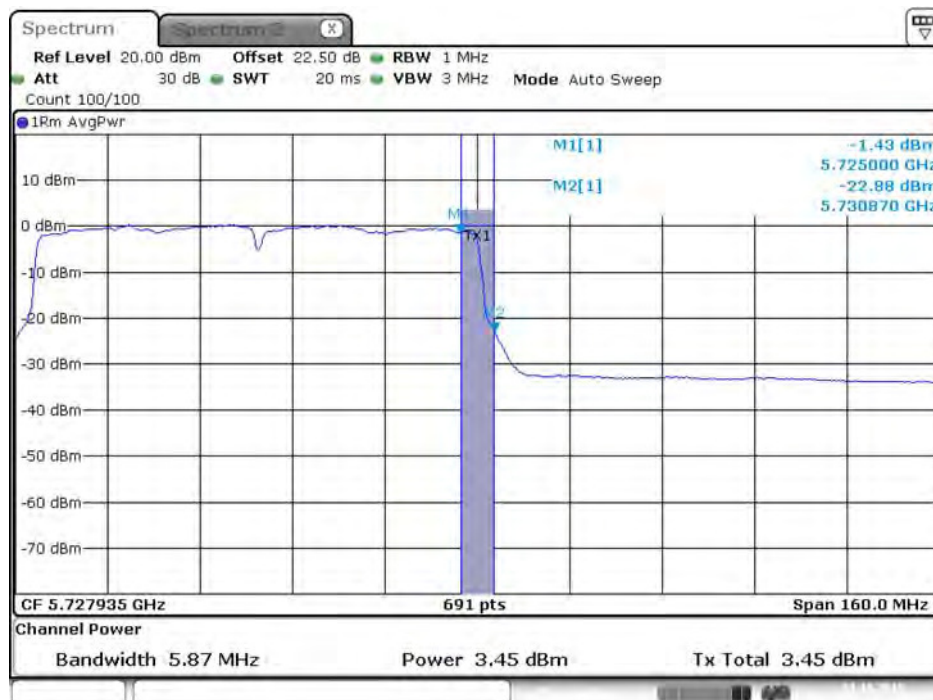
Date: 23.OCT.2015 17:36:10

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Date: 23.OCT.2015 17:36:17

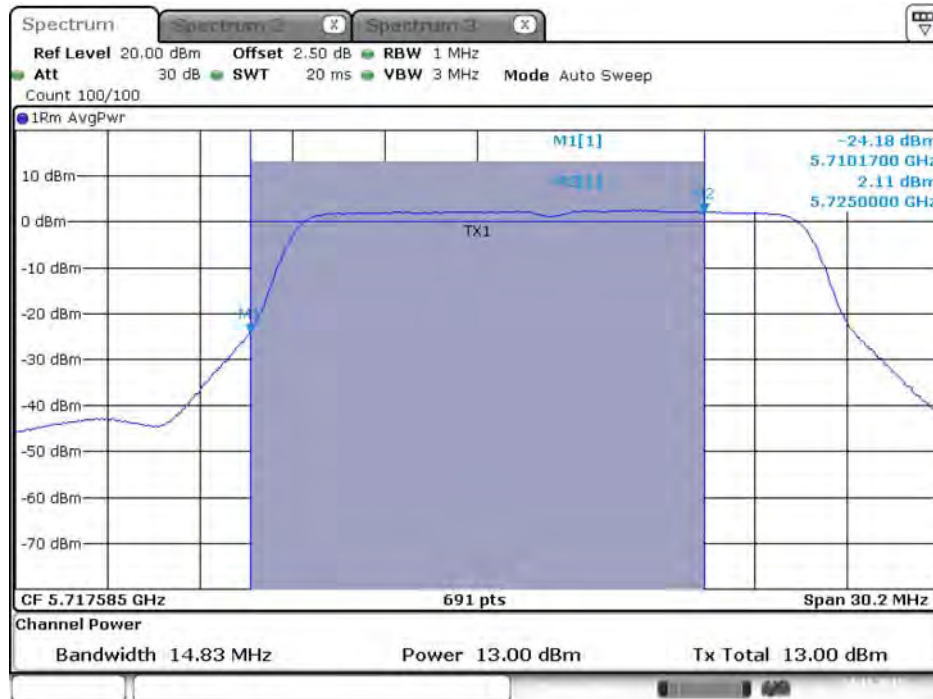
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



Date: 23.OCT.2015 17:36:24

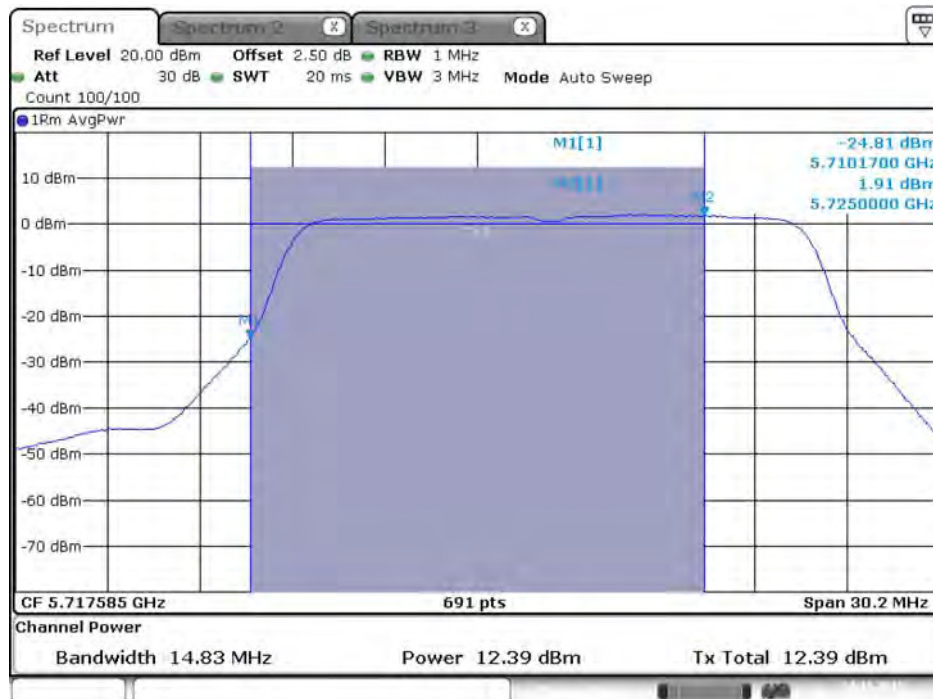
Mode 4: EUT 1 + Set 4 Sector Antenna / 7.5 dBi

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



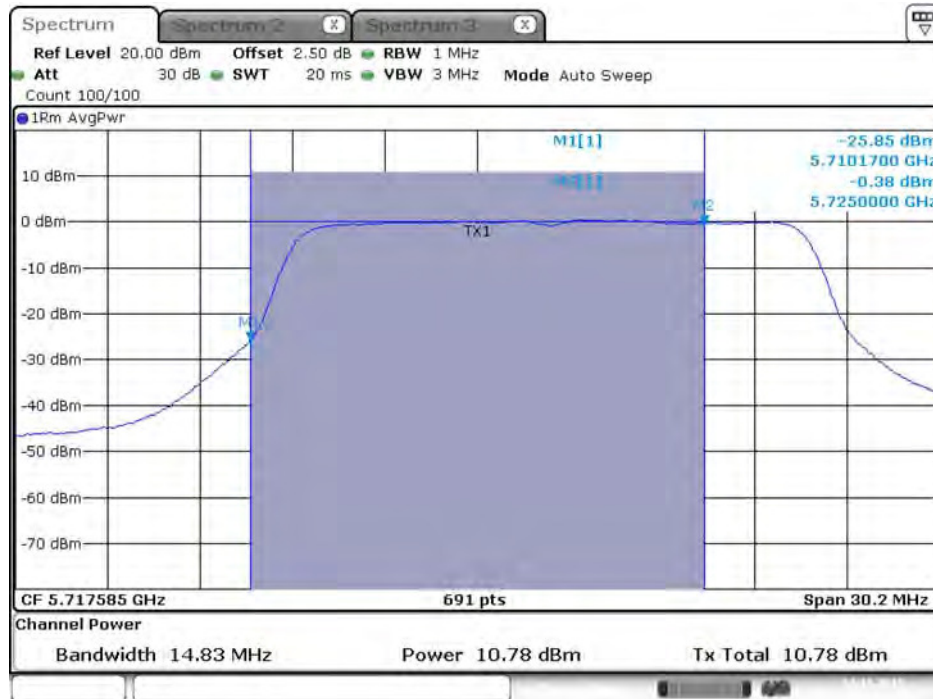
Date: 24.NOV.2015 04:41:12

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



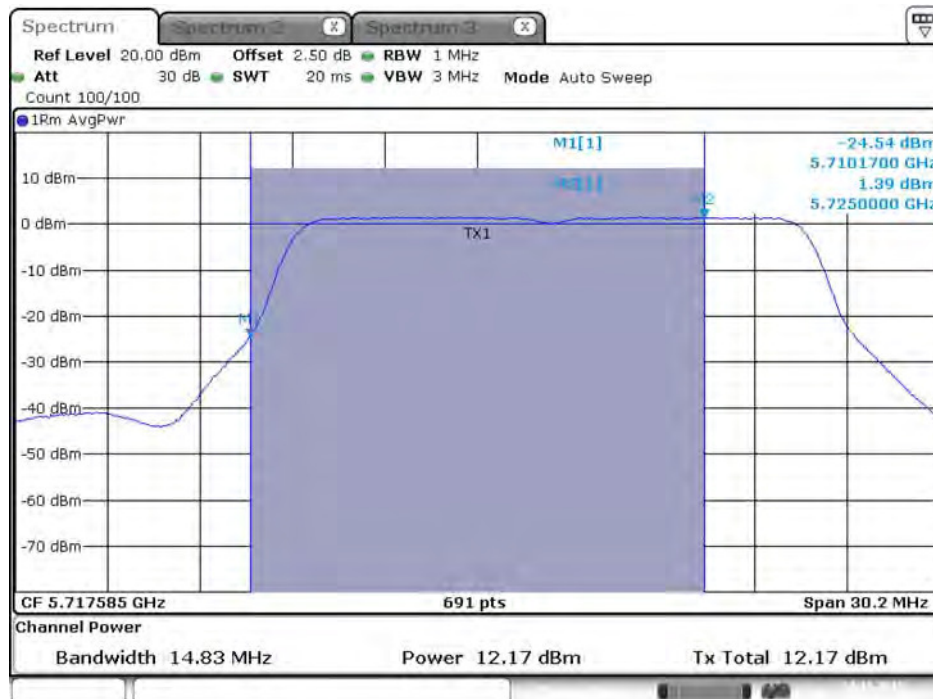
Date: 24.NOV.2015 04:41:20

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:41:27

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:41:35

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



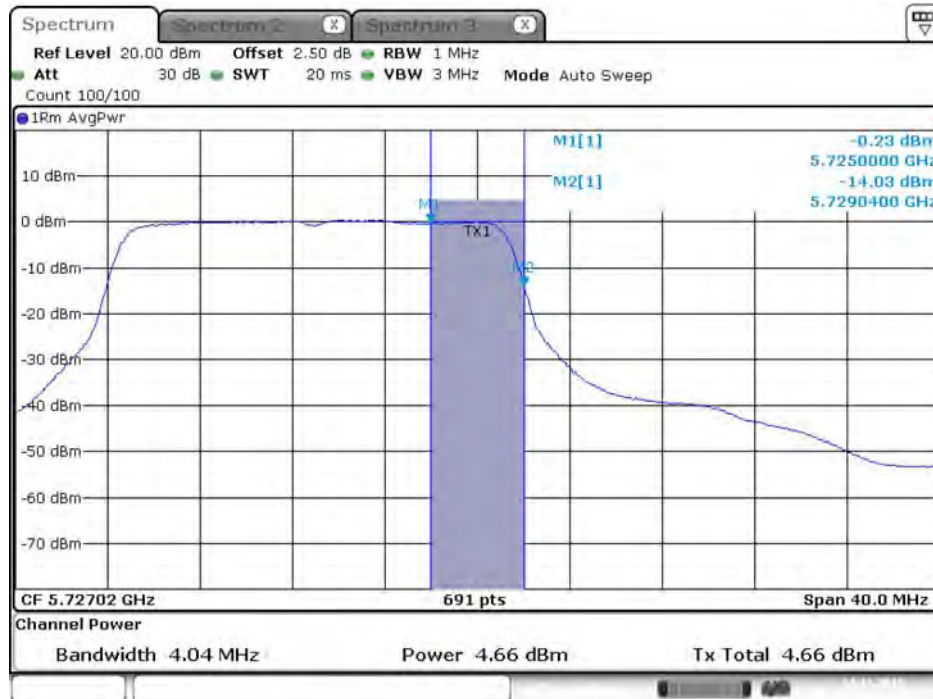
Date: 24.NOV.2015 04:41:16

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:41:23

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



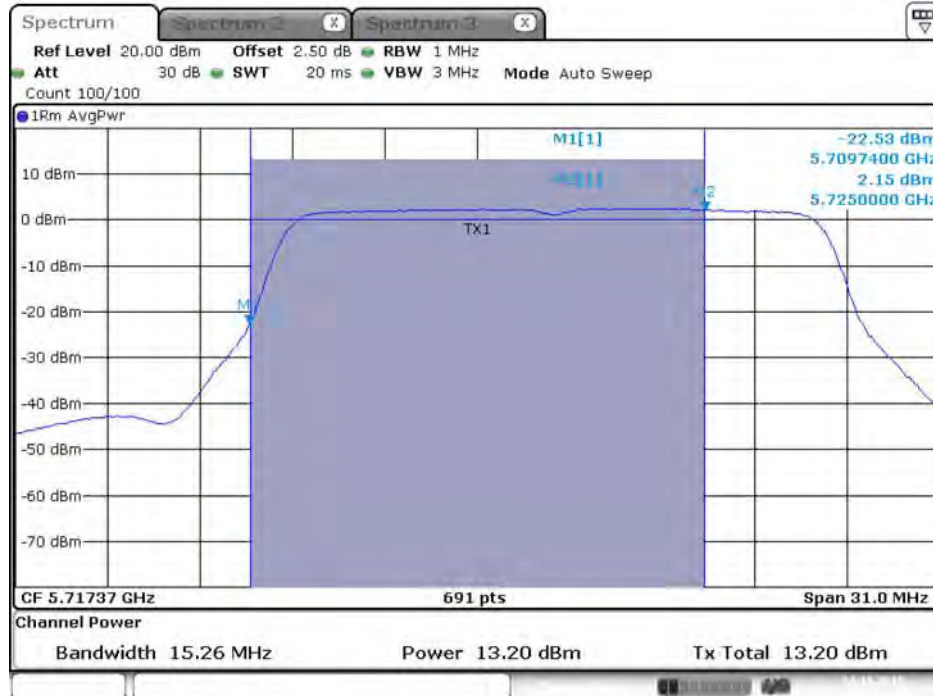
Date: 24.NOV.2015 04:41:31

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 4 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 04:41:38

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



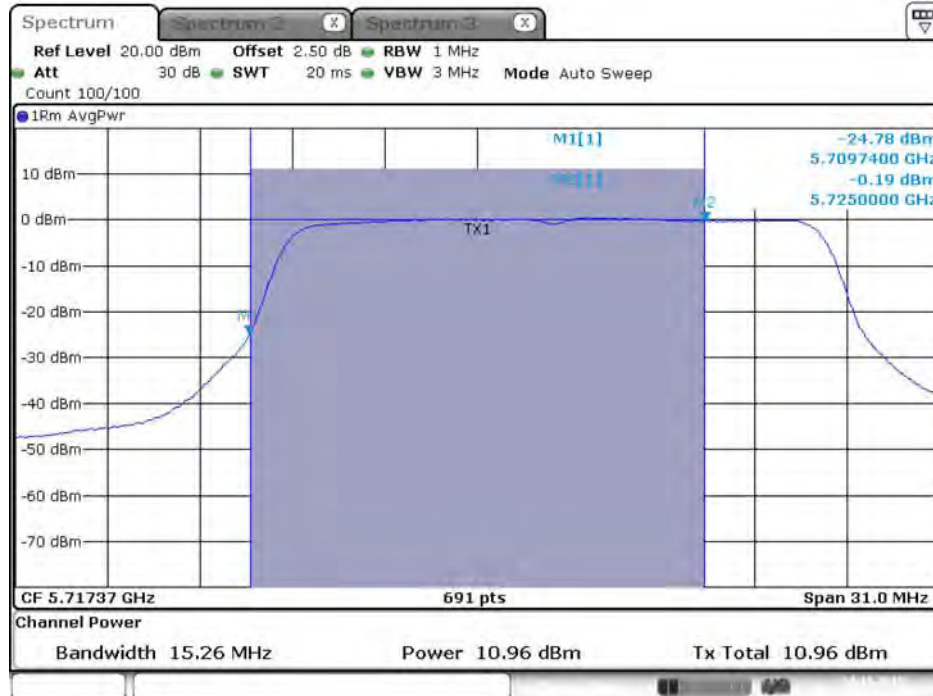
Date: 24.NOV.2015 04:43:41

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



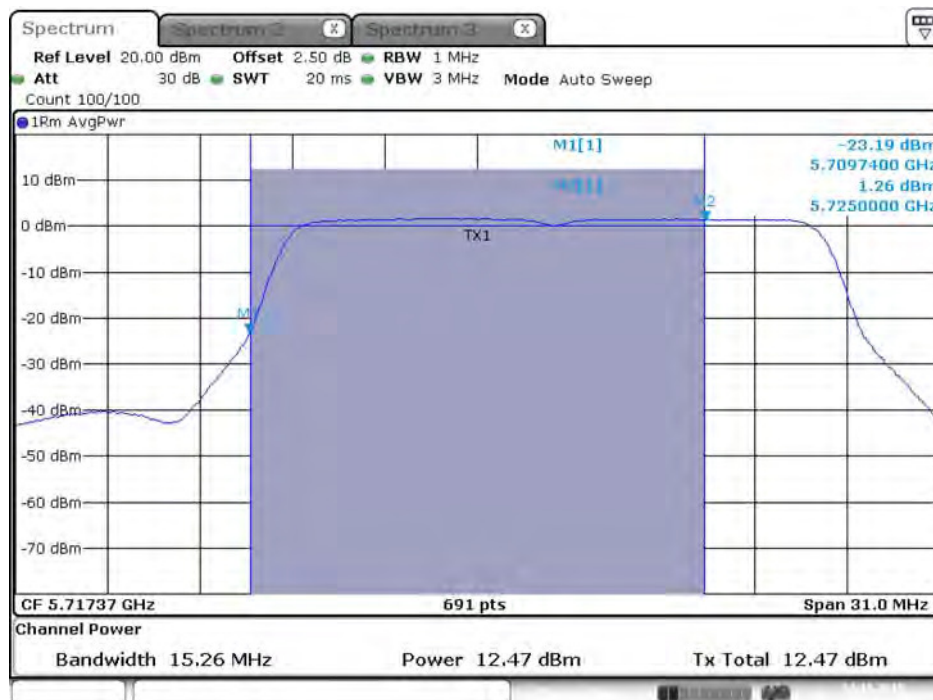
Date: 24.NOV.2015 04:43:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 04:43:56

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



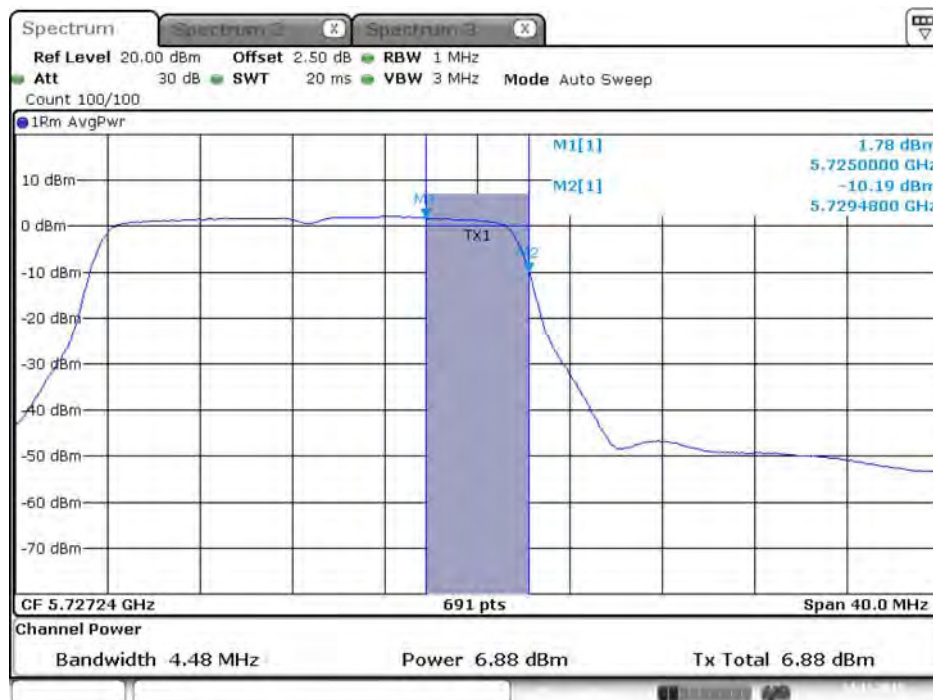
Date: 24.NOV.2015 04:44:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



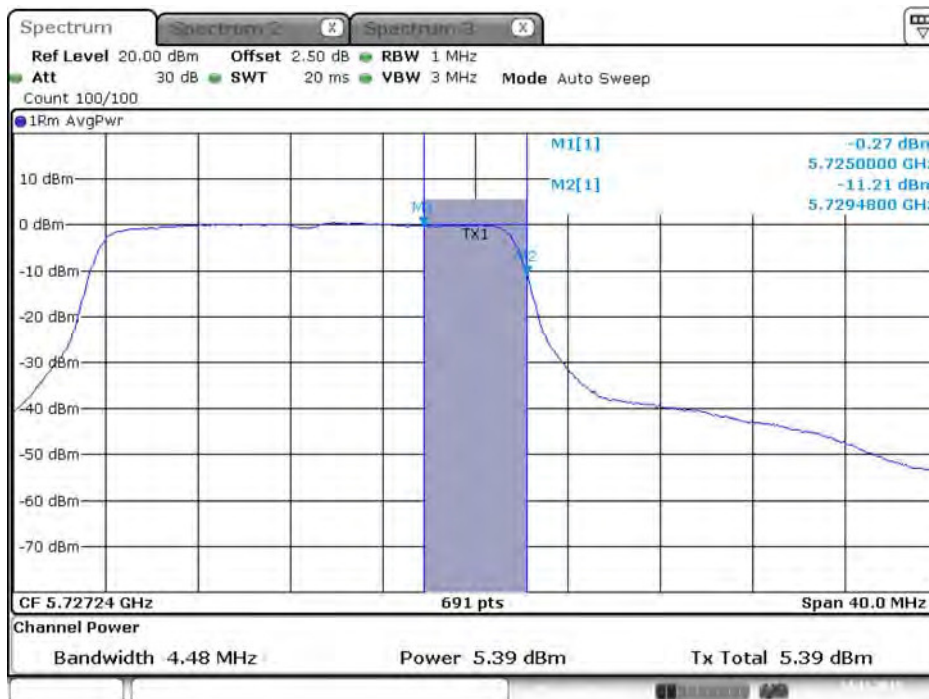
Date: 24.NOV.2015 04:43:44

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



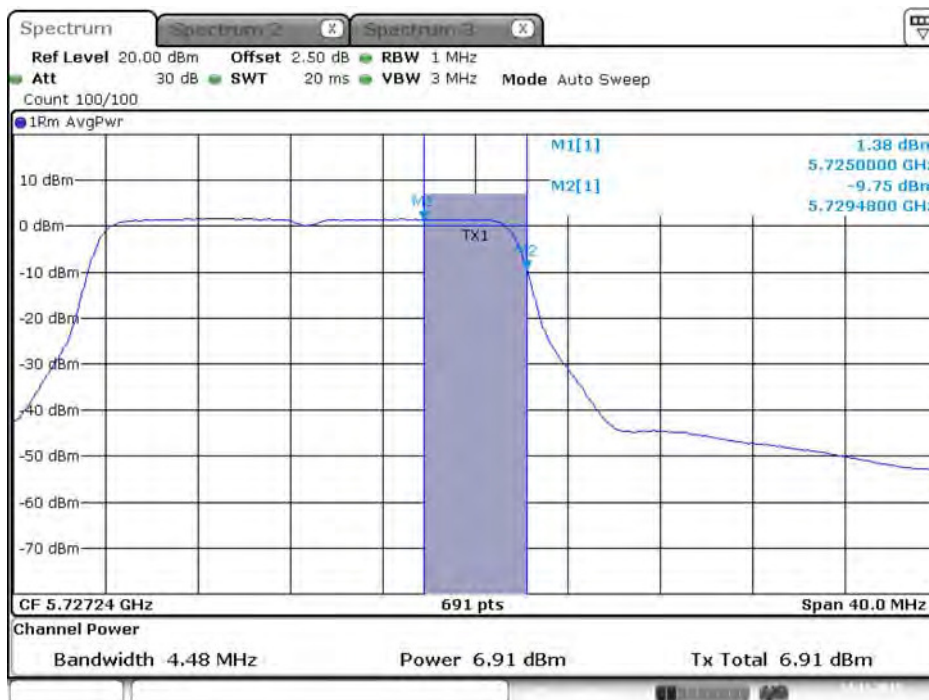
Date: 24.NOV.2015 04:43:52

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



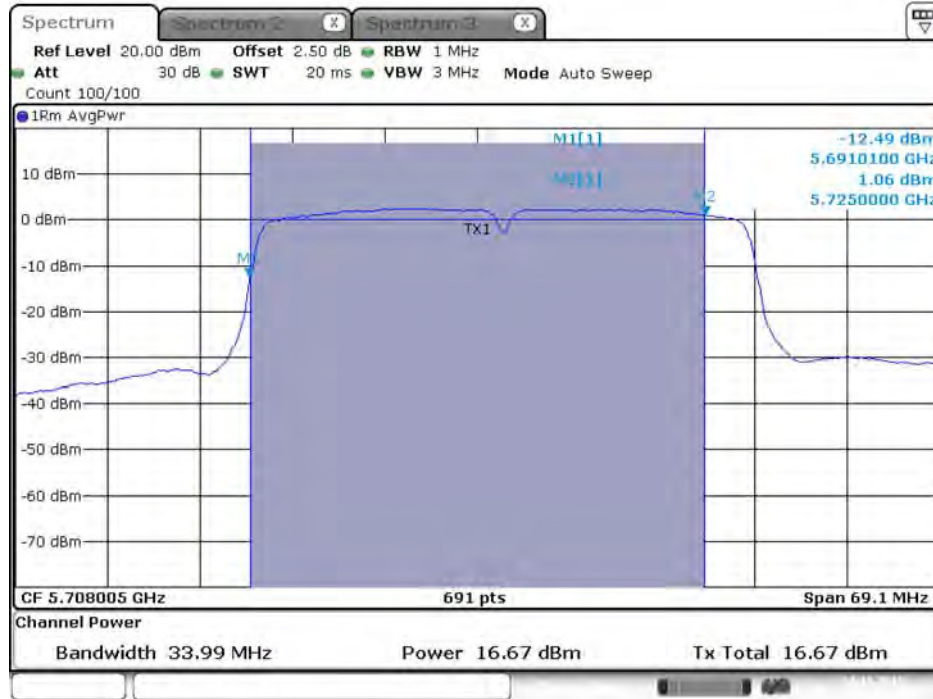
Date: 24.NOV.2015 04:43:59

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)



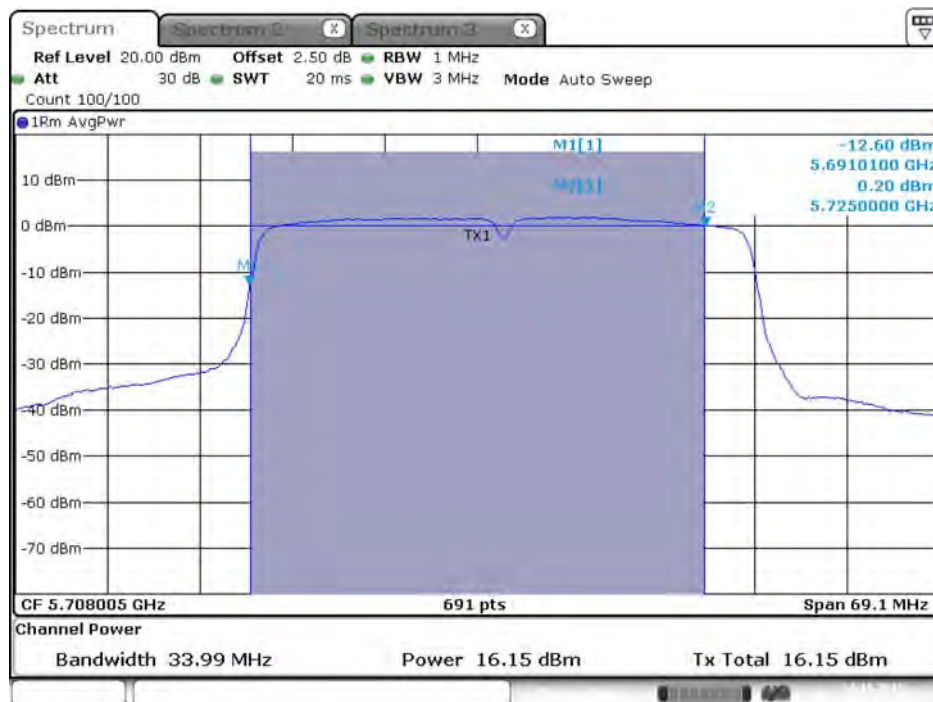
Date: 24.NOV.2015 04:44:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



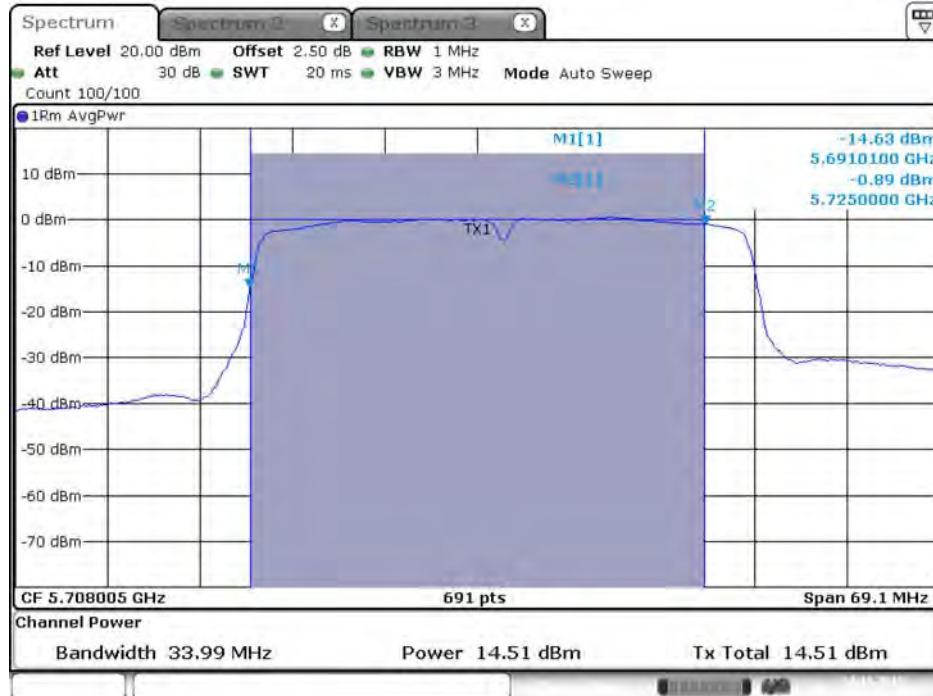
Date: 24.NOV.2015 04:46:09

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



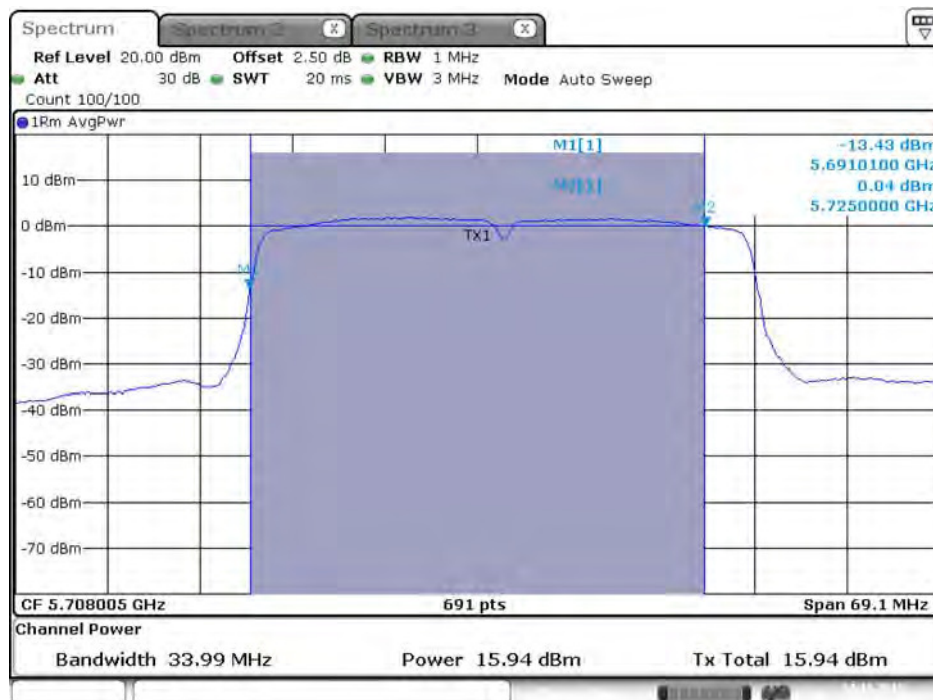
Date: 24.NOV.2015 04:46:16

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



Date: 24.NOV.2015 04:46:23

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



Date: 24.NOV.2015 04:46:31

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



Date: 24.NOV.2015 04:46:12

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



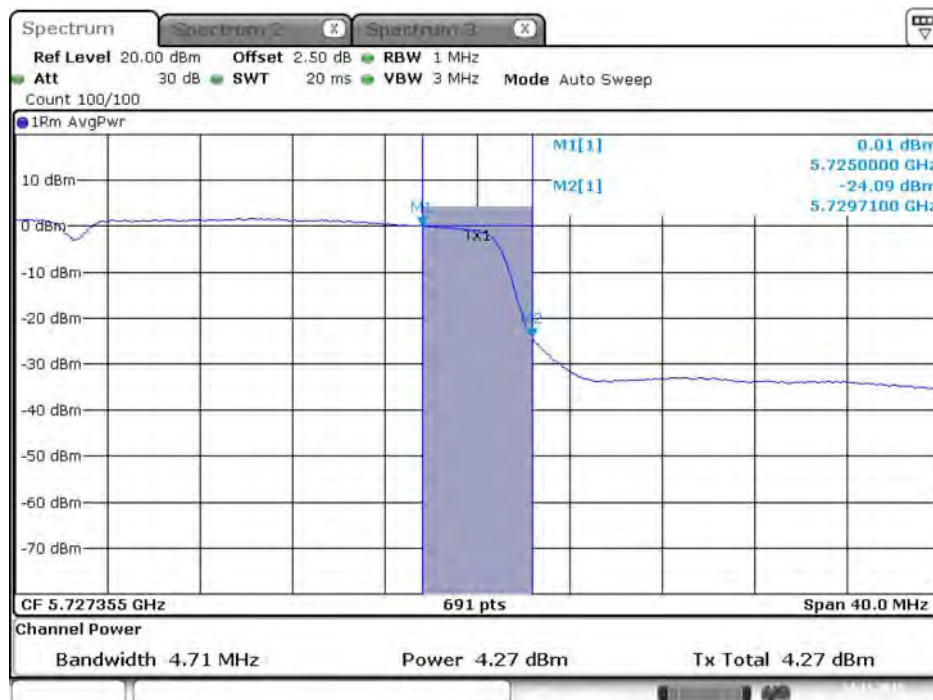
Date: 24.NOV.2015 04:46:19

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



Date: 24.NOV.2015 04:46:27

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)



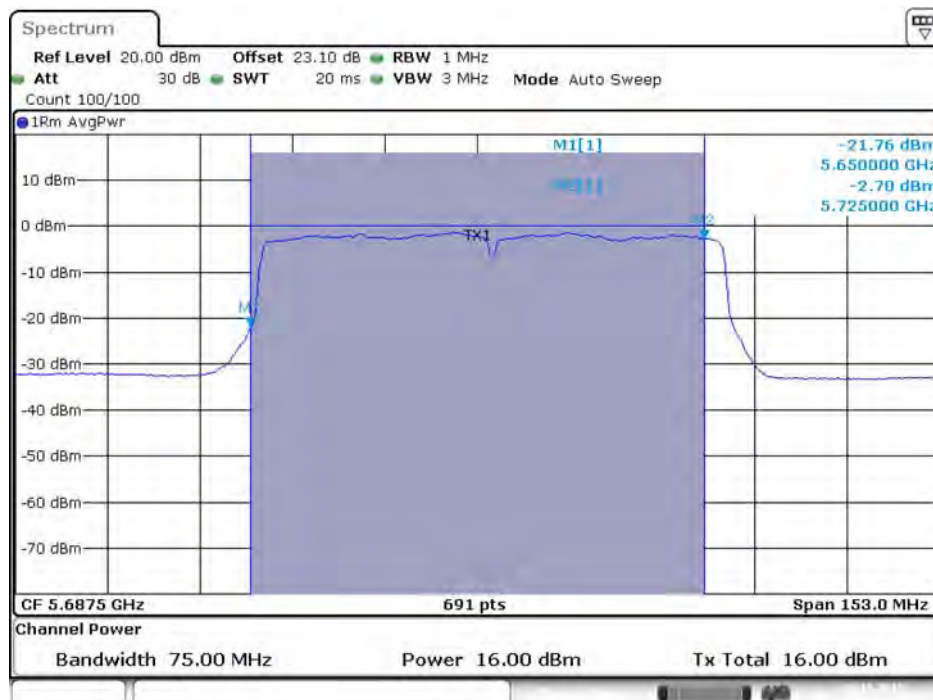
Date: 24.NOV.2015 04:46:34

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



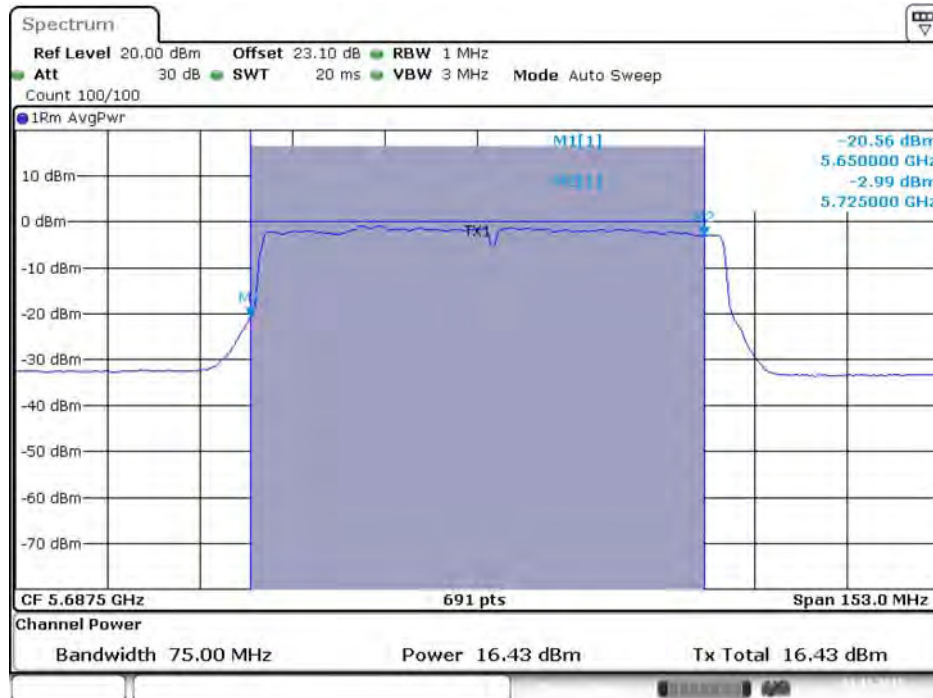
Date: 1.NOV.2015 04:42:05

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



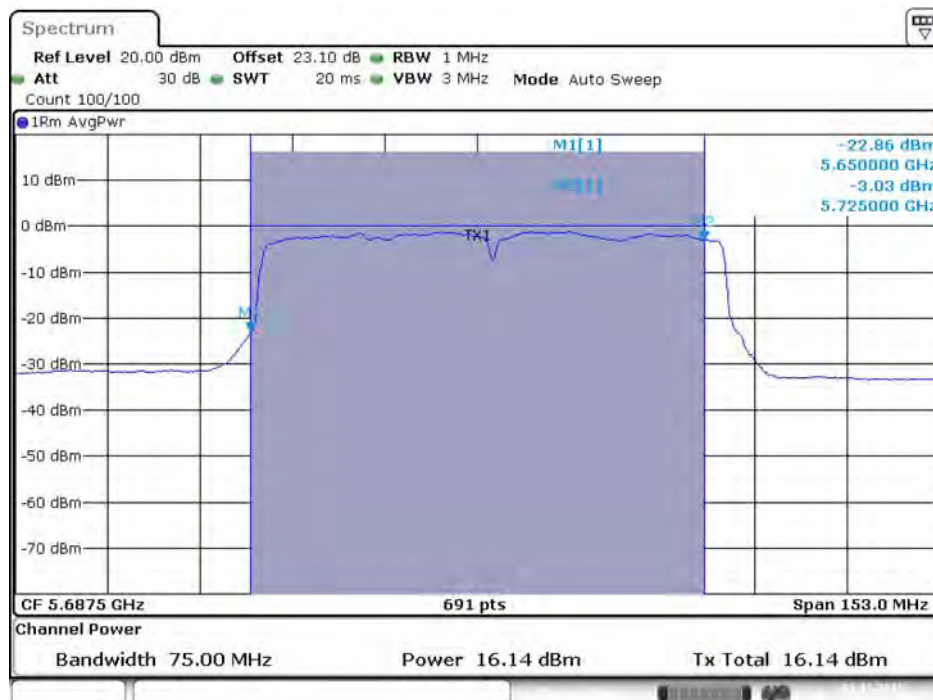
Date: 1.NOV.2015 04:42:13

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



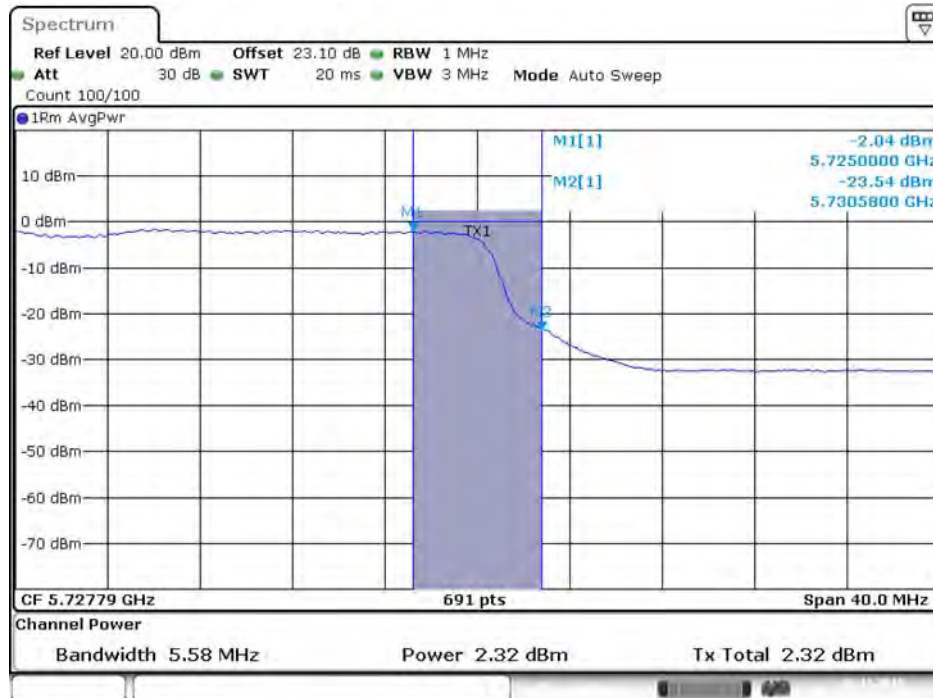
Date: 1.NOV.2015 04:41:50

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



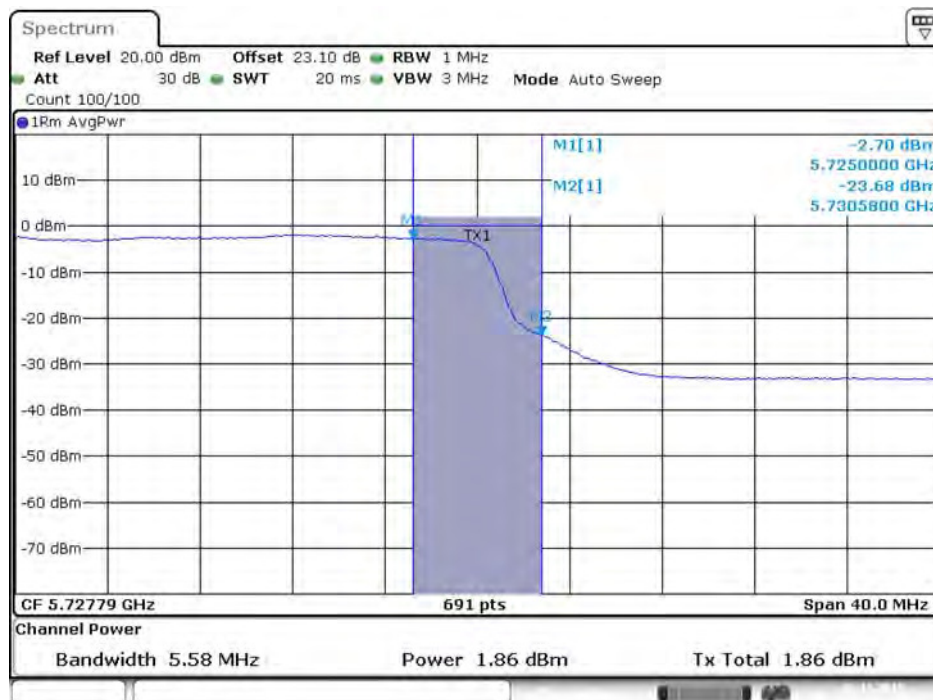
Date: 1.NOV.2015 04:41:58

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



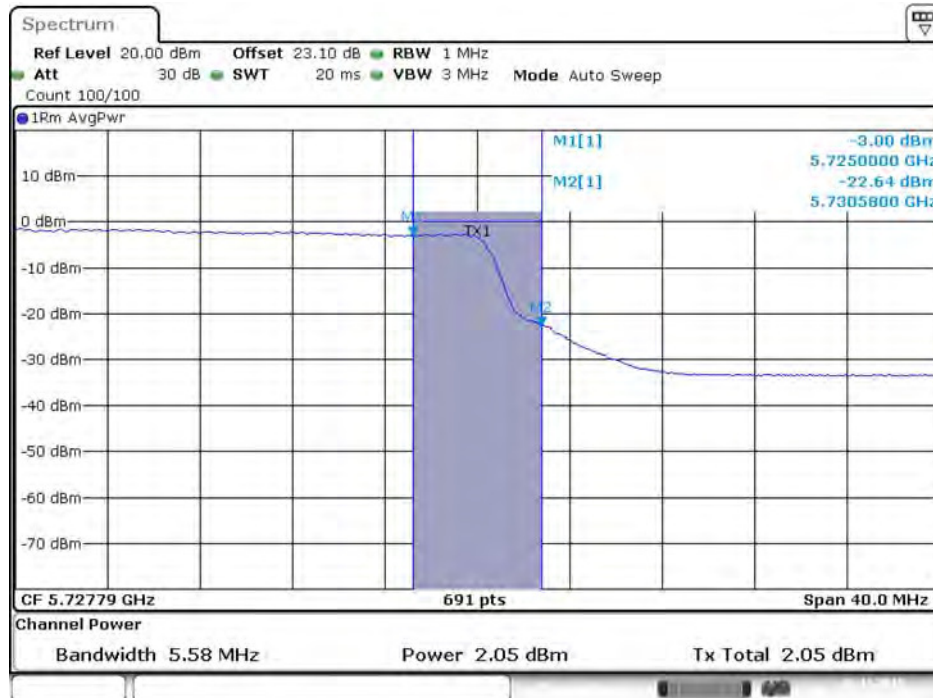
Date: 1.NOV.2015 04:42:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



Date: 1.NOV.2015 04:42:16

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Date: 1.NOV.2015 04:41:54

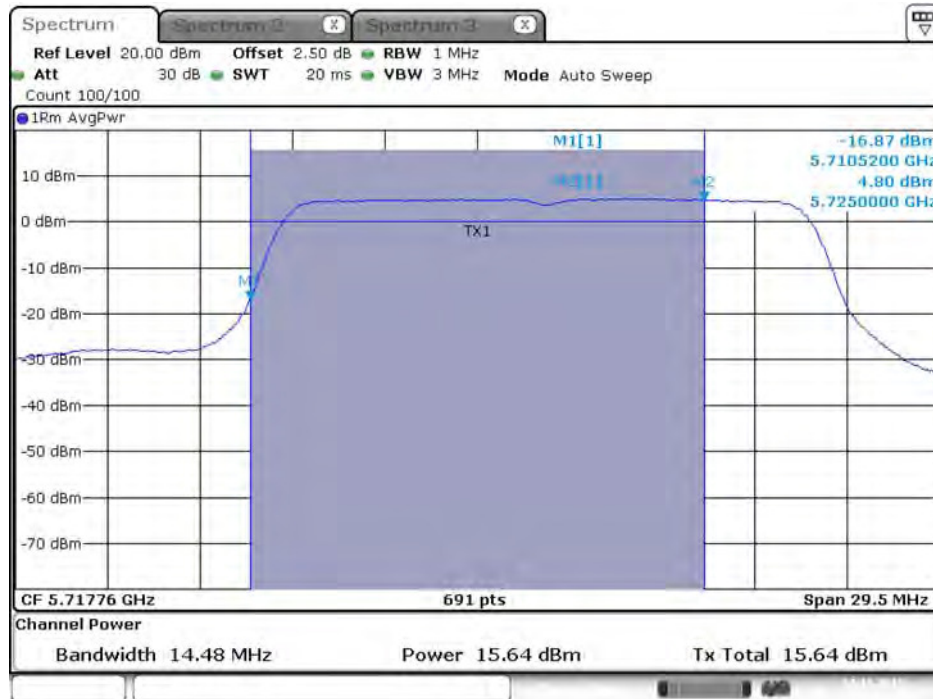
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



Date: 1.NOV.2015 04:42:01

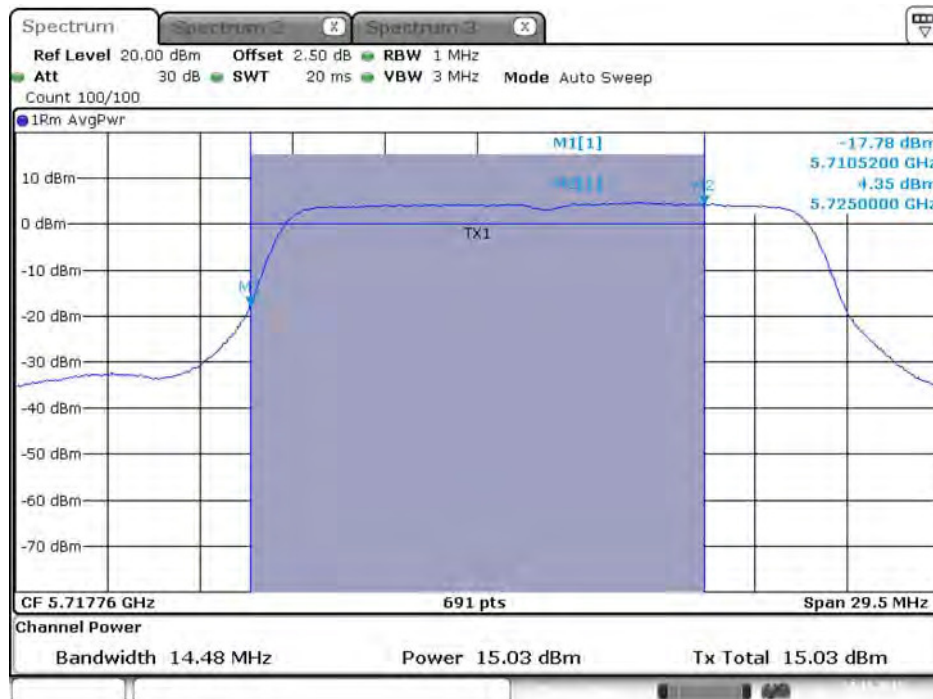
Mode 5: EUT 1 + Set 5 Sector Antenna / 4.5 dBi

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



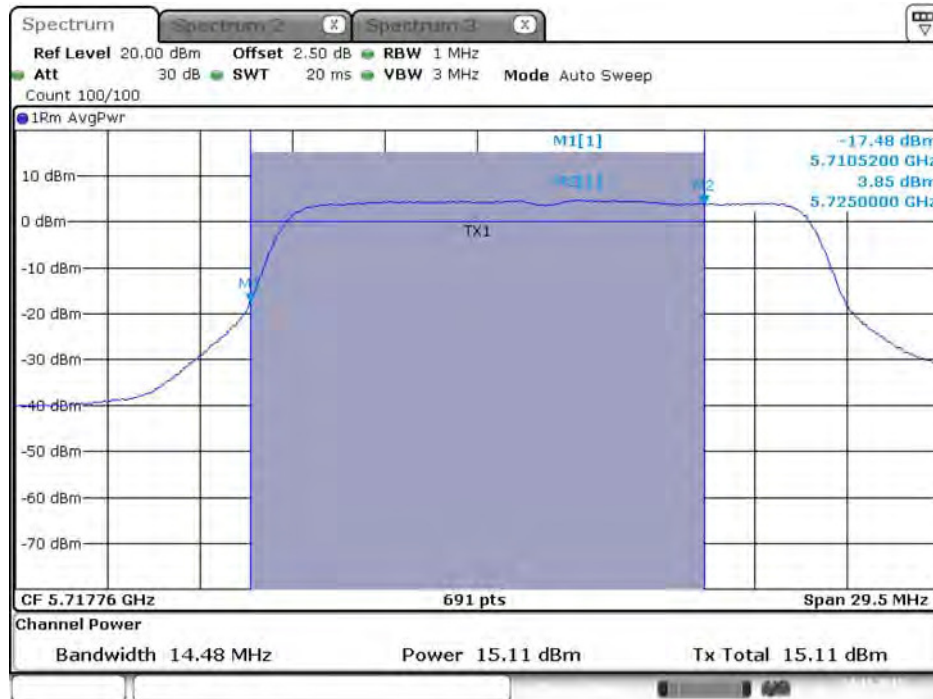
Date: 24.NOV.2015 03:14:48

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



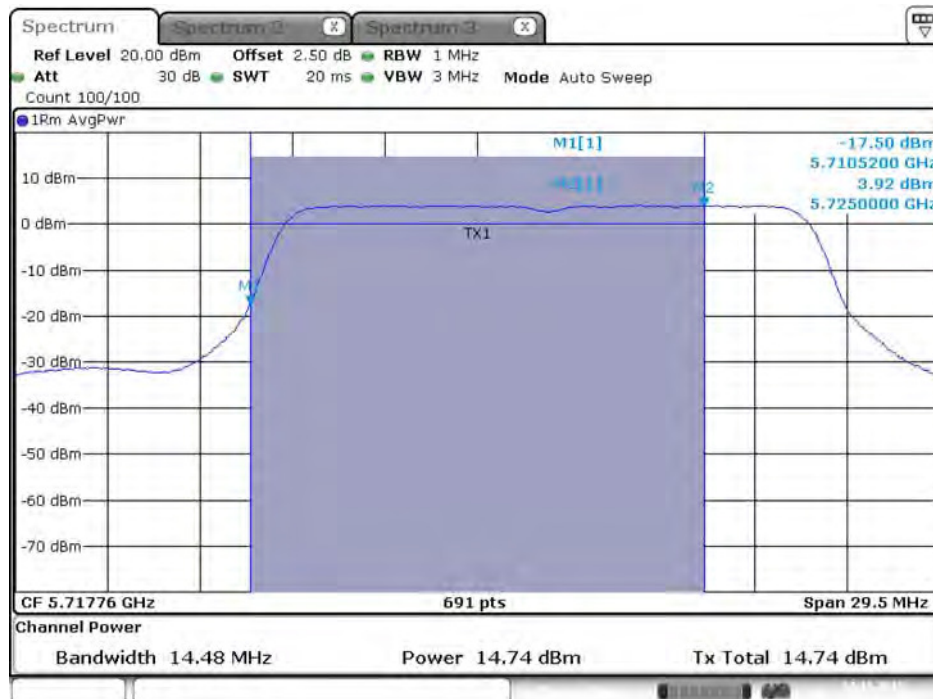
Date: 24.NOV.2015 03:14:55

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 03:15:02

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



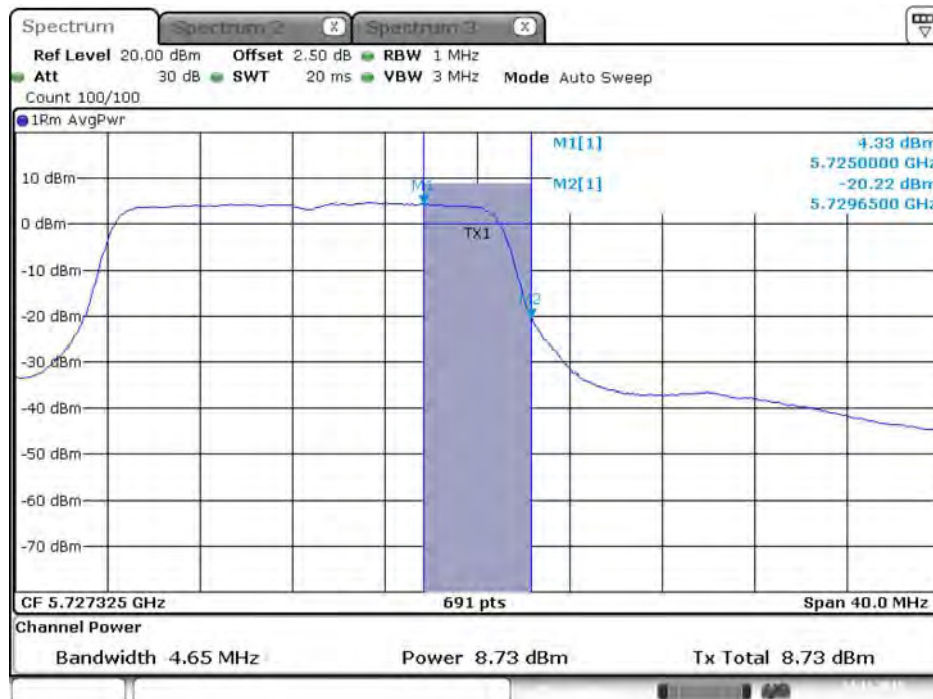
Date: 24.NOV.2015 03:15:10

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 03:14:51

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



Date: 24.NOV.2015 03:14:59

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



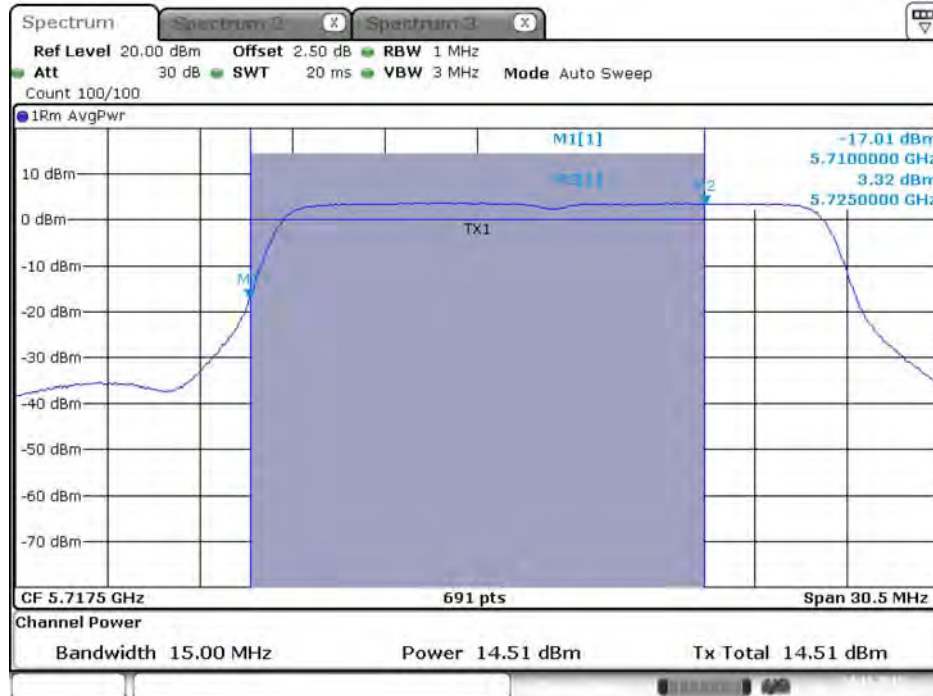
Date: 24.NOV.2015 03:15:06

Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 4 / 5720 MHz (UNII 3)



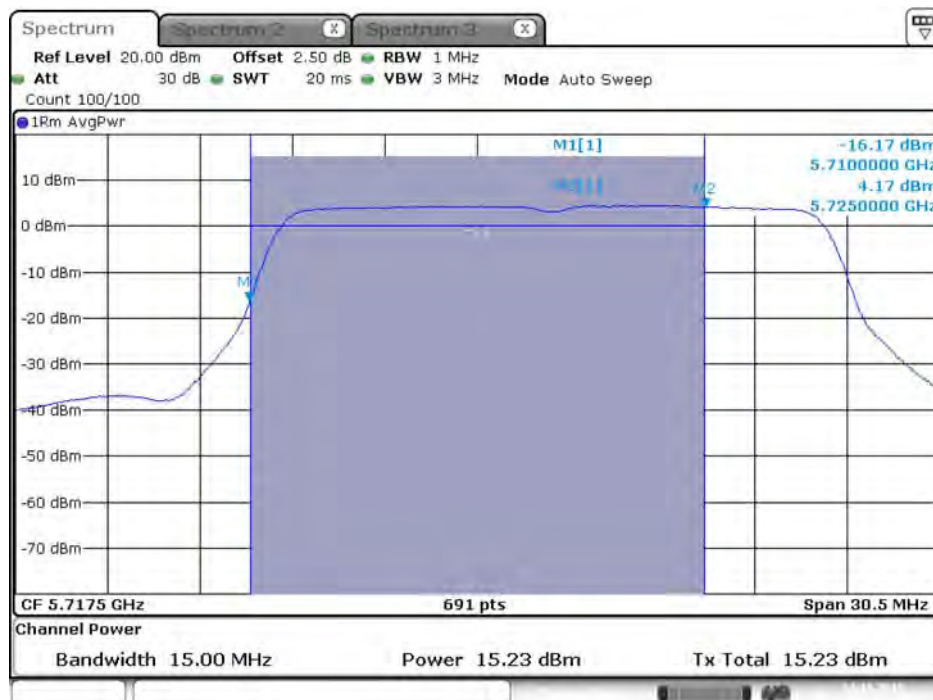
Date: 24.NOV.2015 03:15:13

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 03:23:47

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



Date: 24.NOV.2015 03:23:25