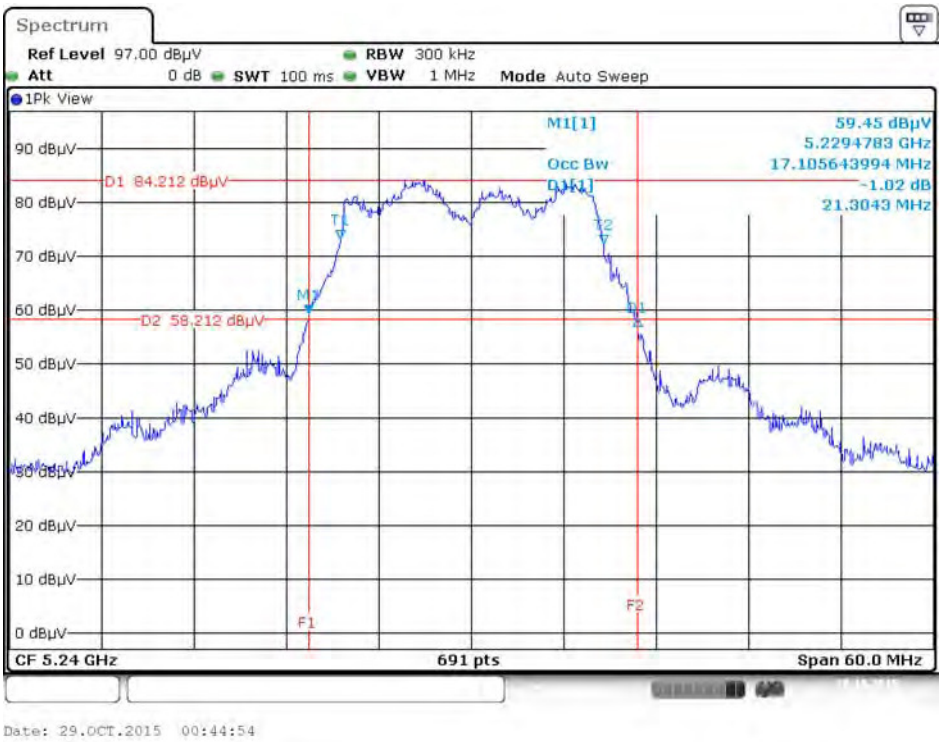
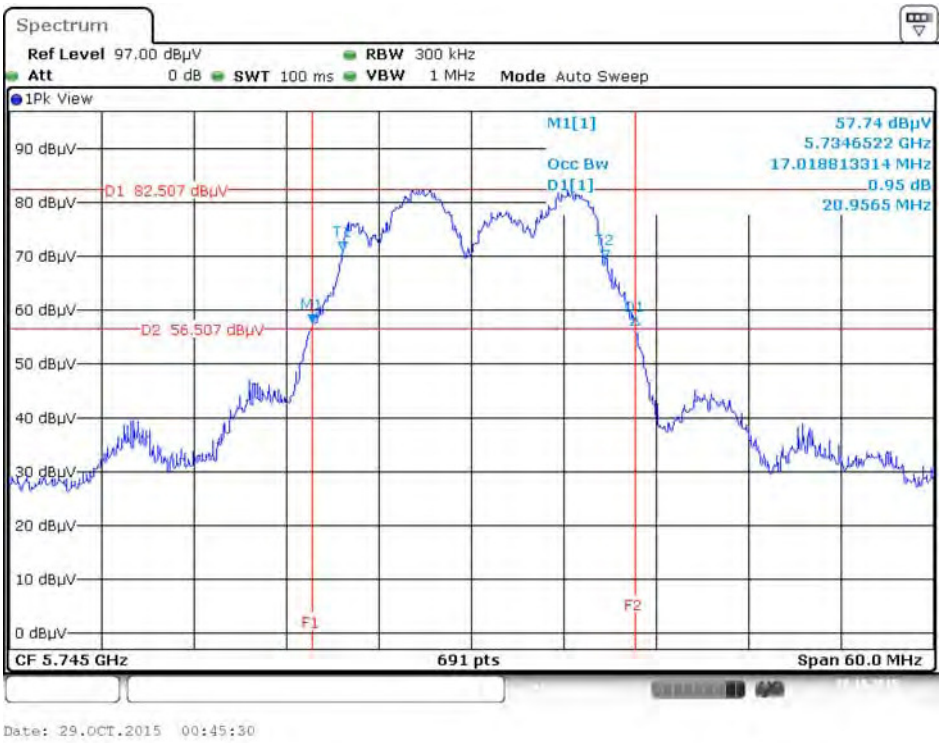
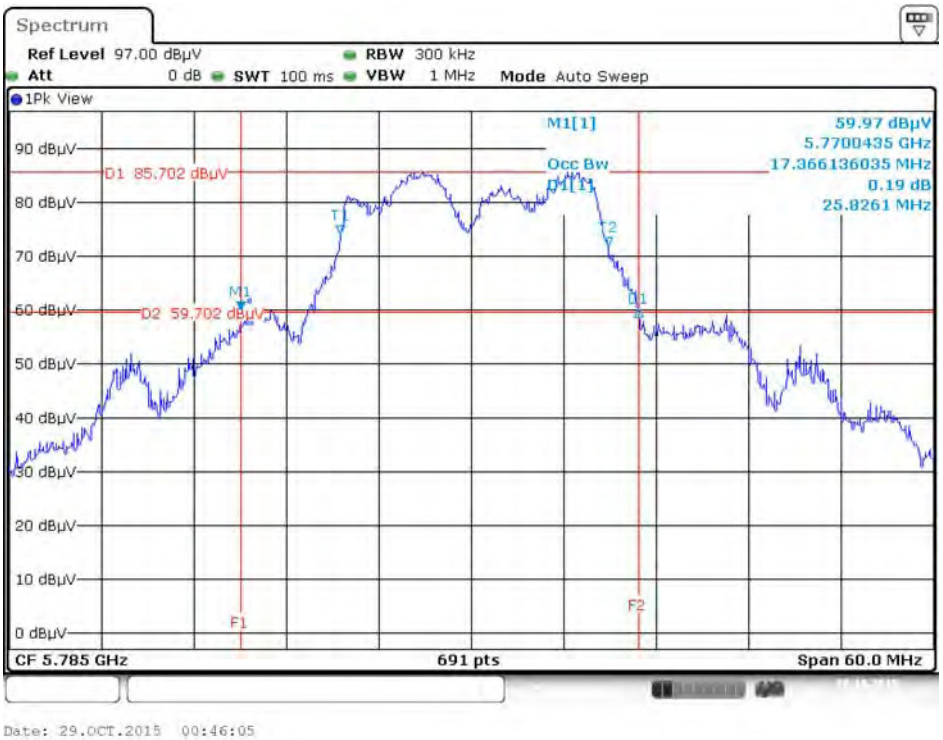
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5240 MHz**



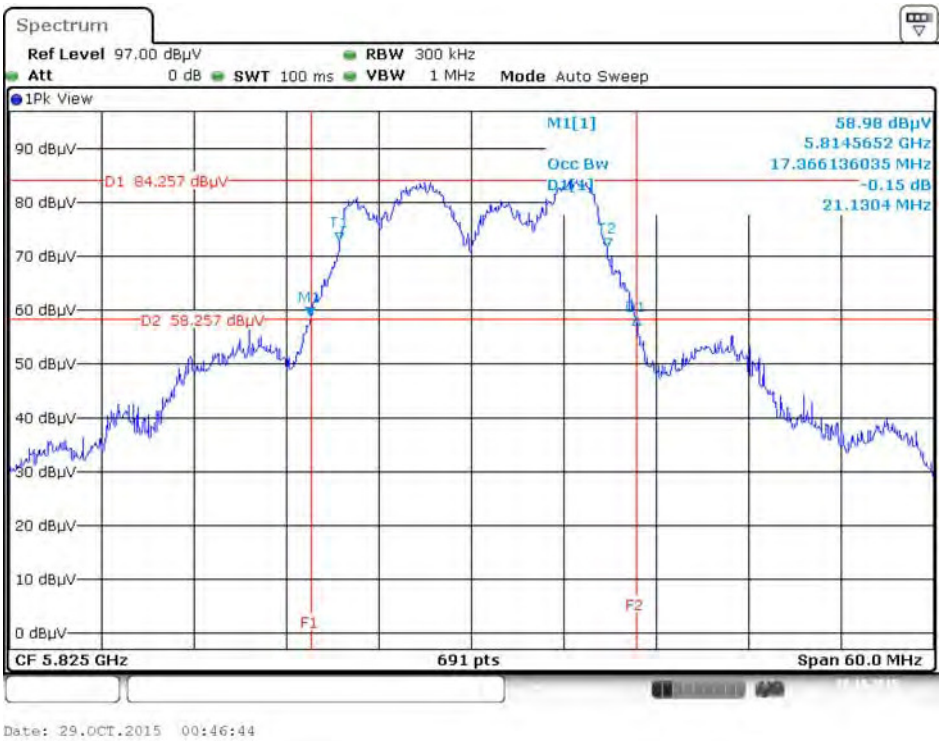

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



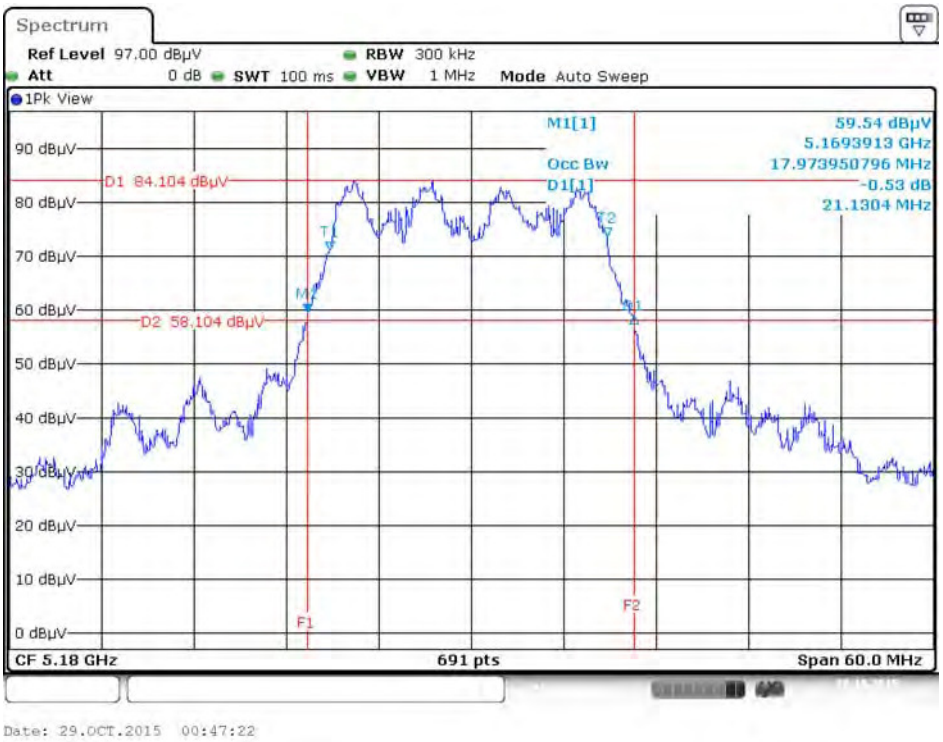
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5785 MHz**



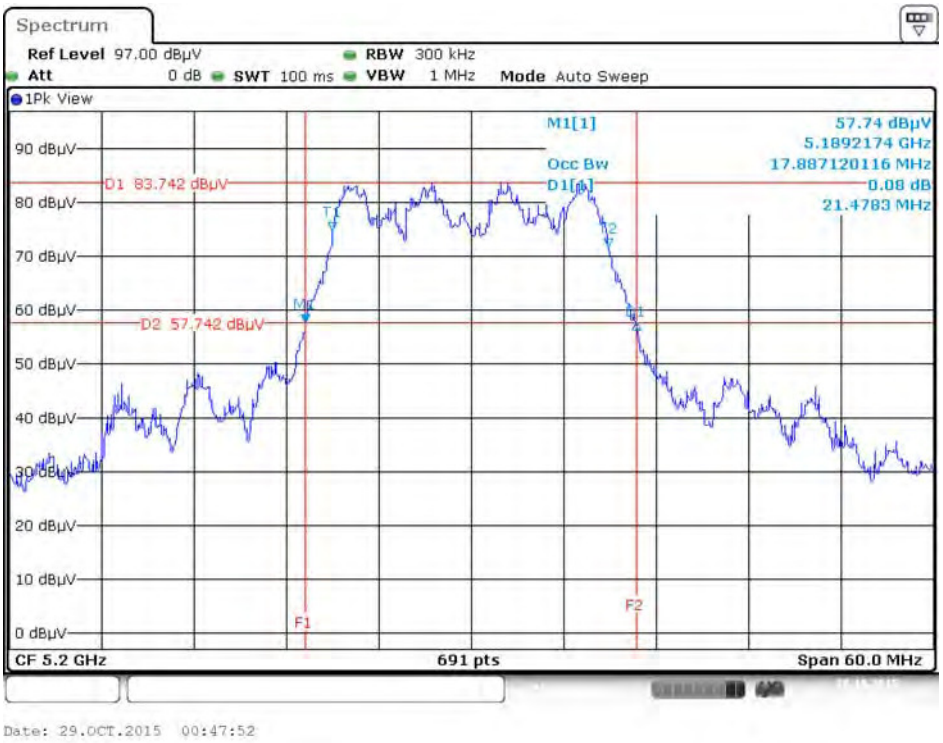

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5825 MHz**



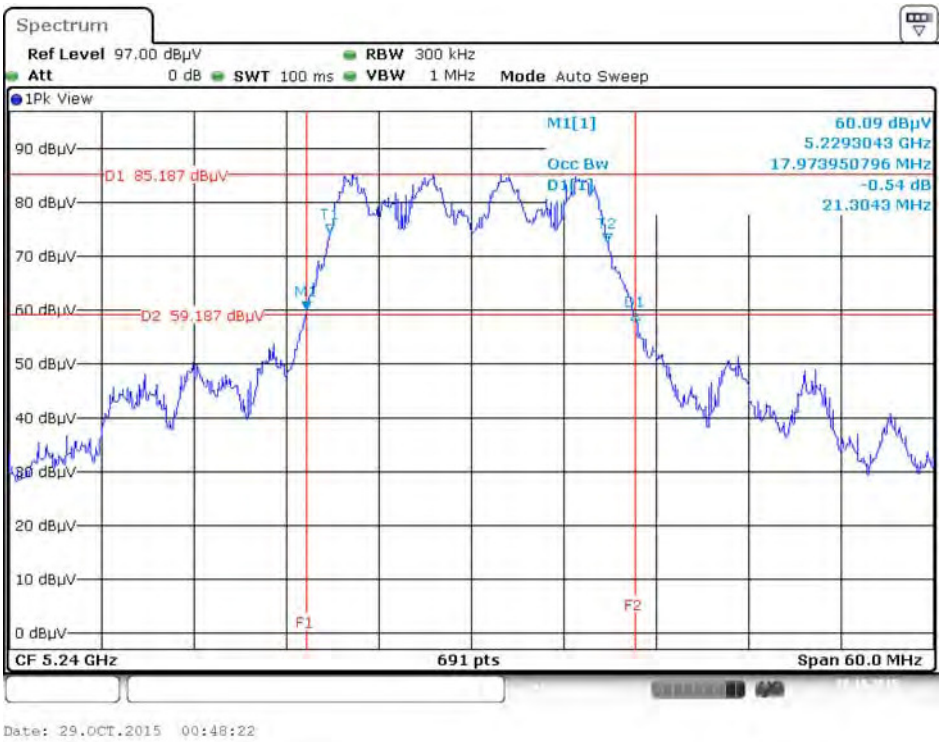
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5180 MHz**



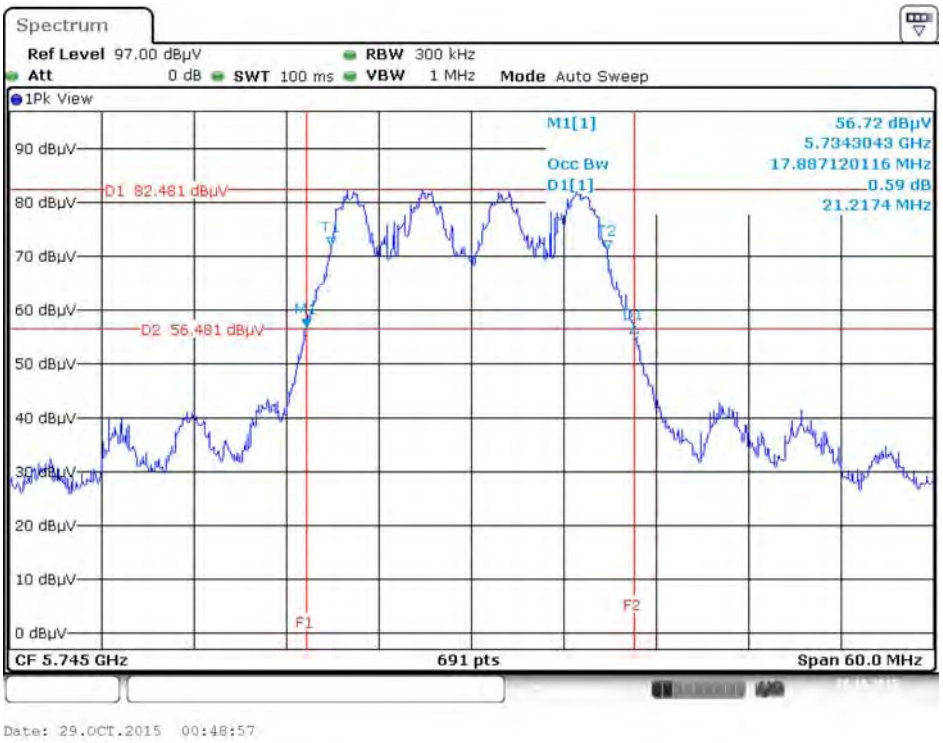

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5200 MHz**



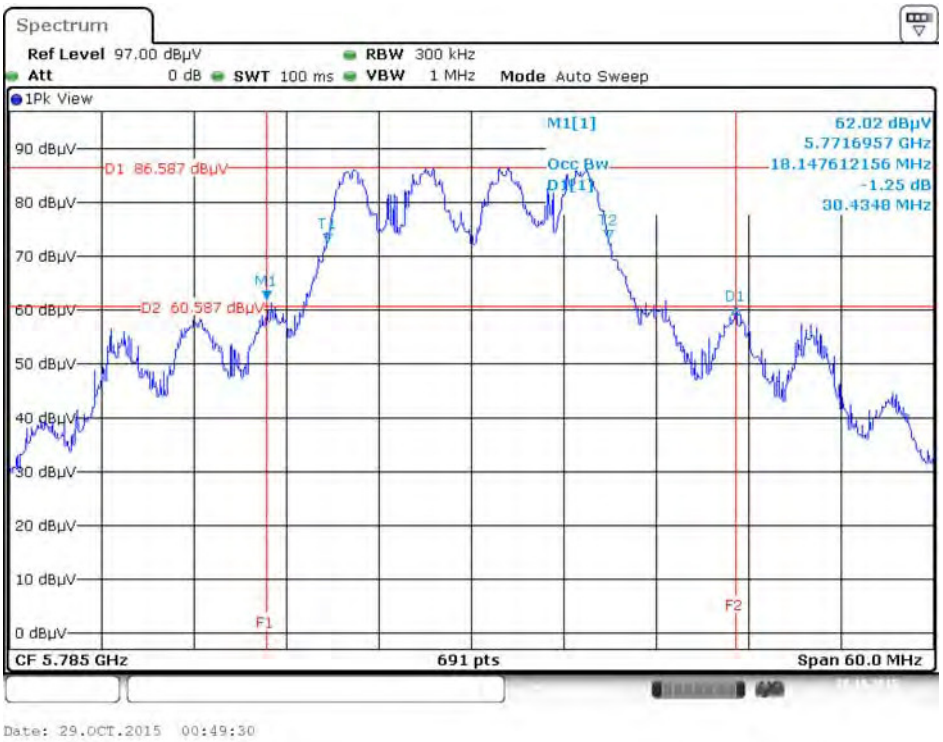
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5240 MHz**



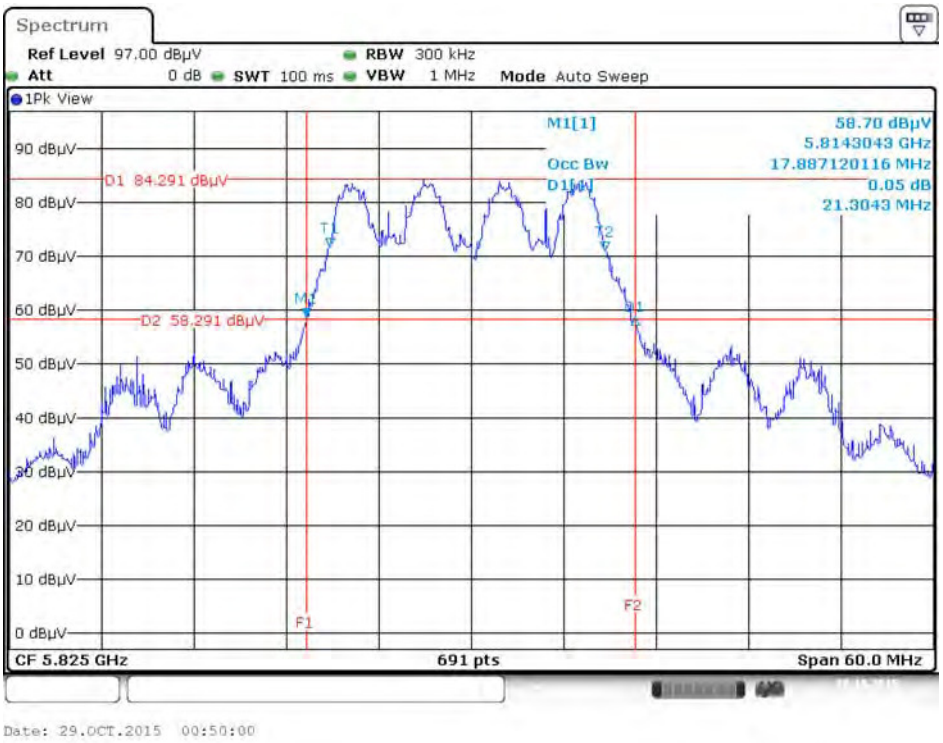

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



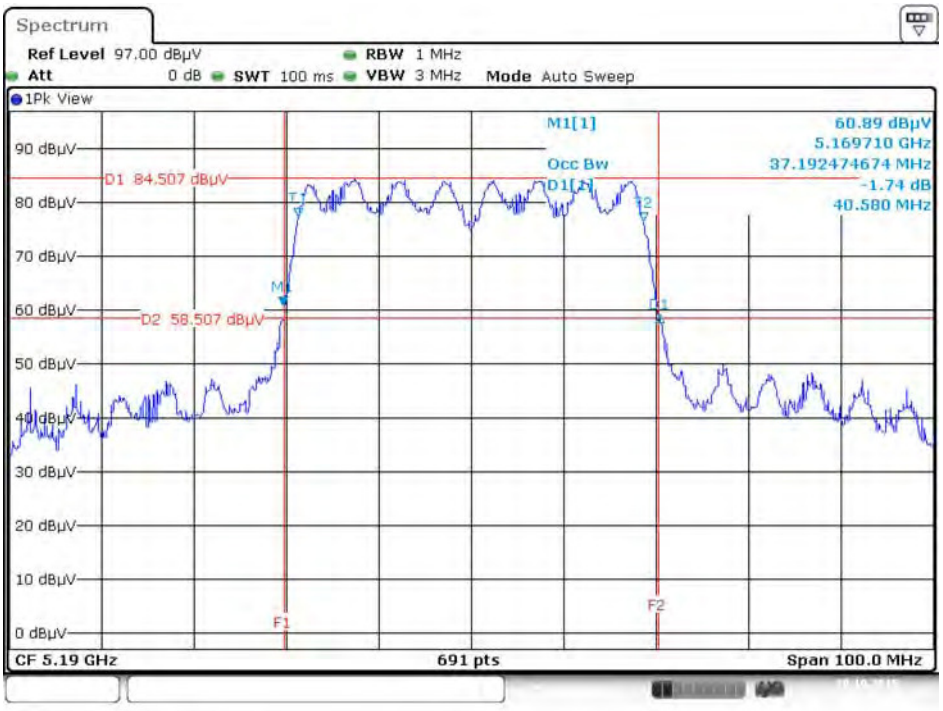
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz**



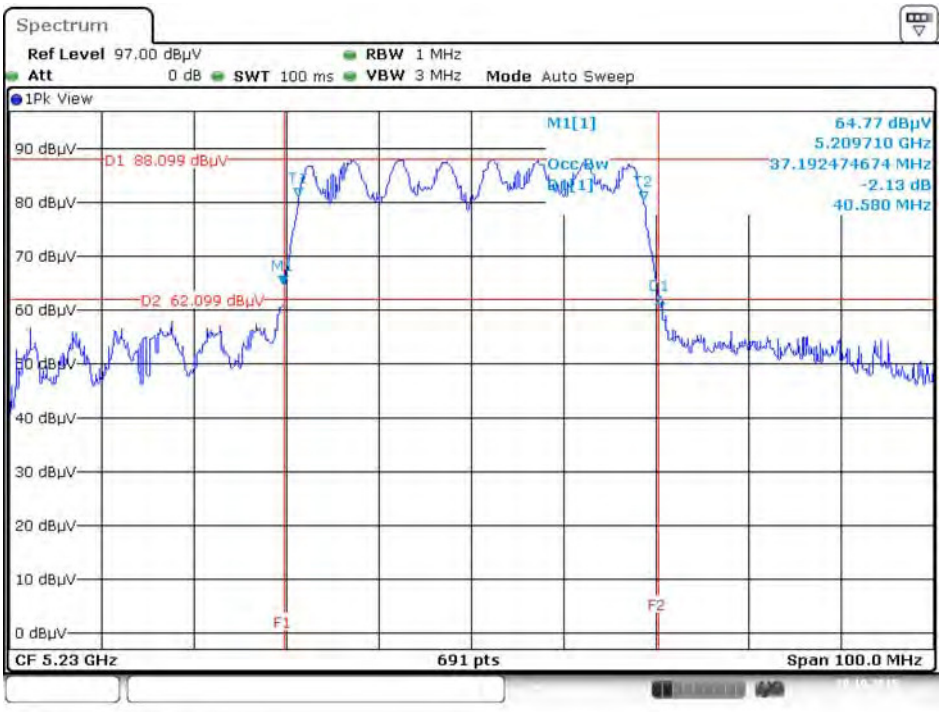

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5825 MHz**



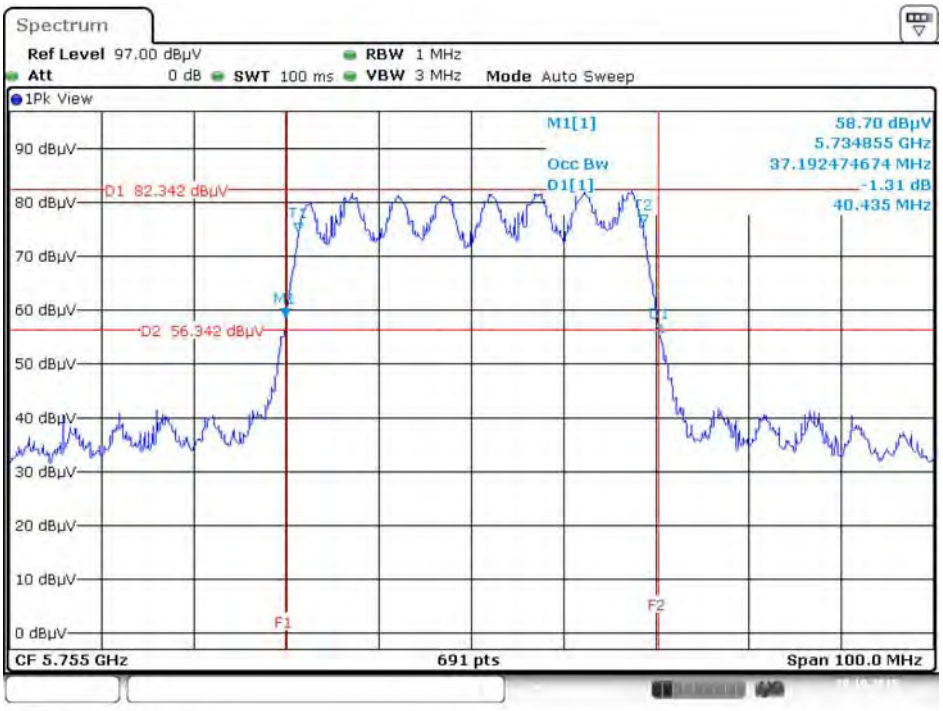
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5190 MHz**



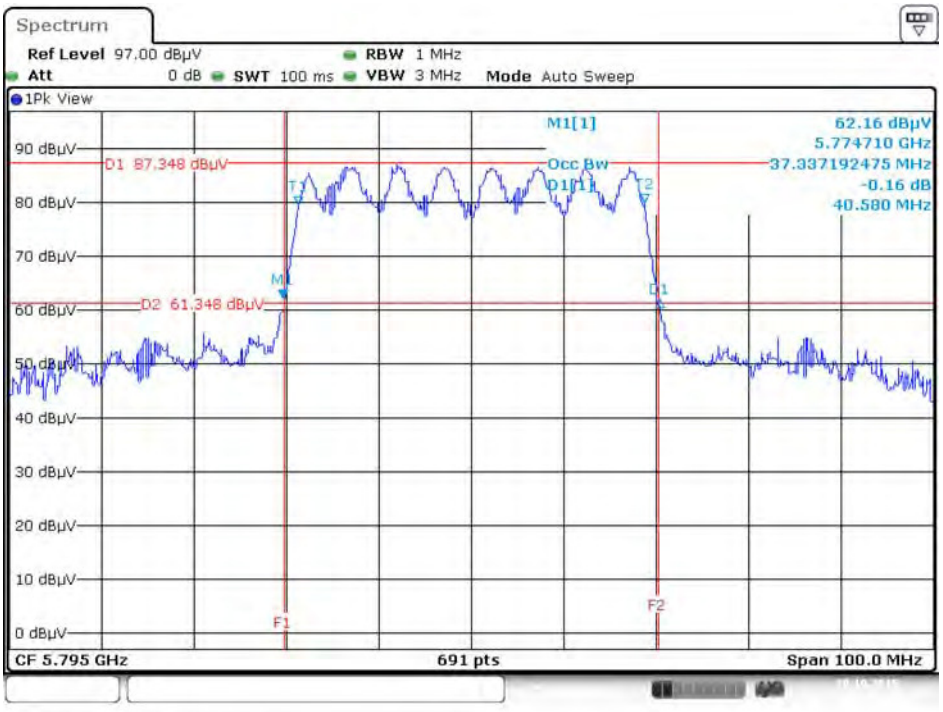

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5230 MHz**



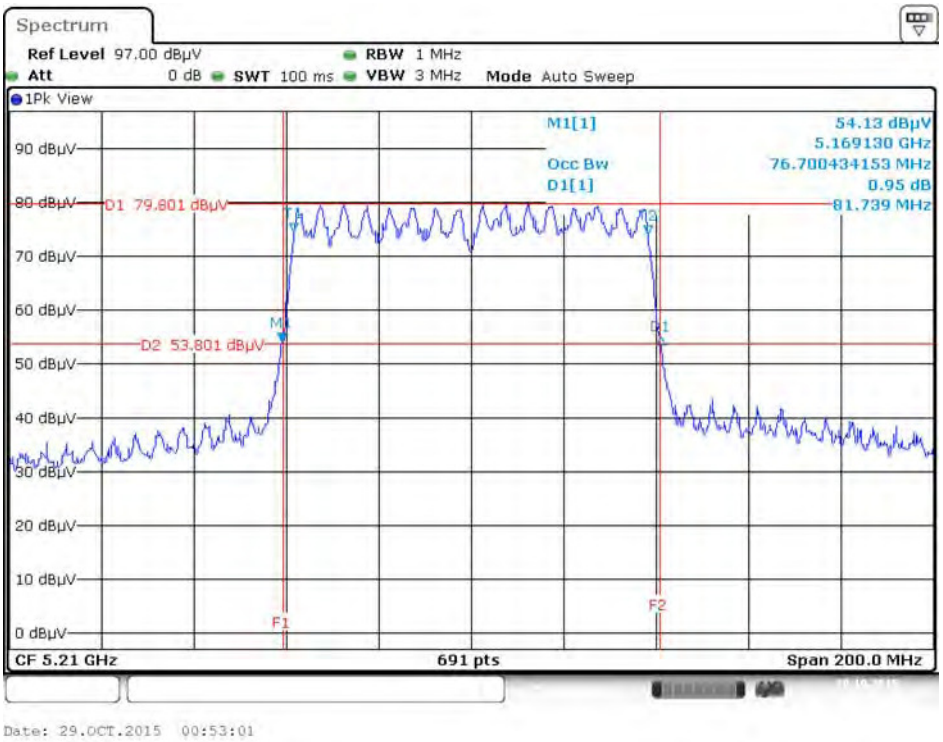
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5755 MHz**



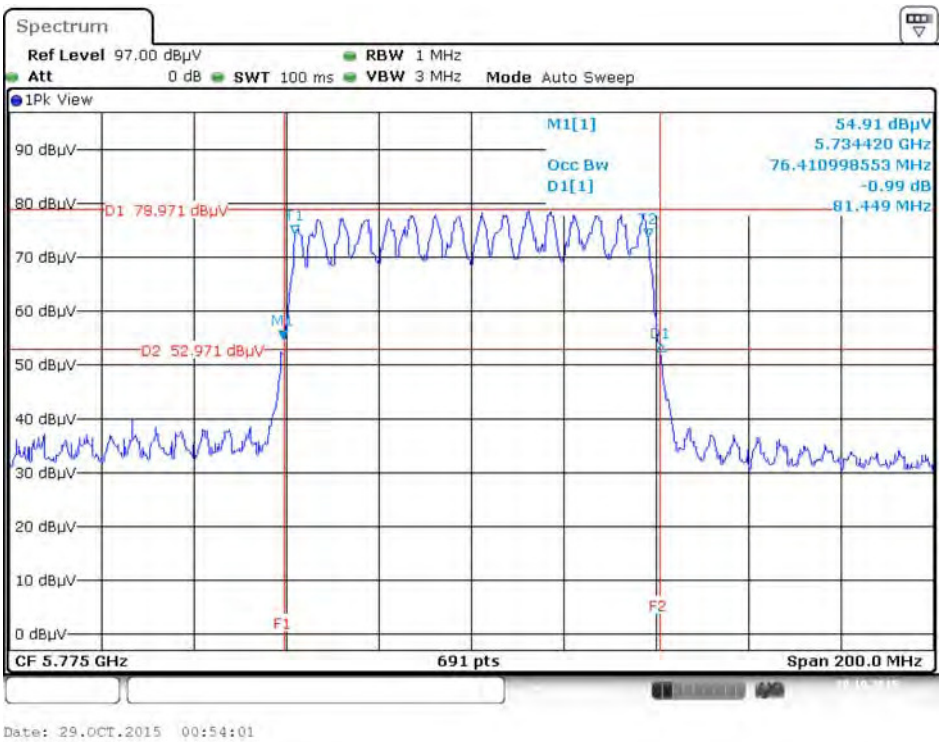

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795 MHz**



**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5210 MHz**

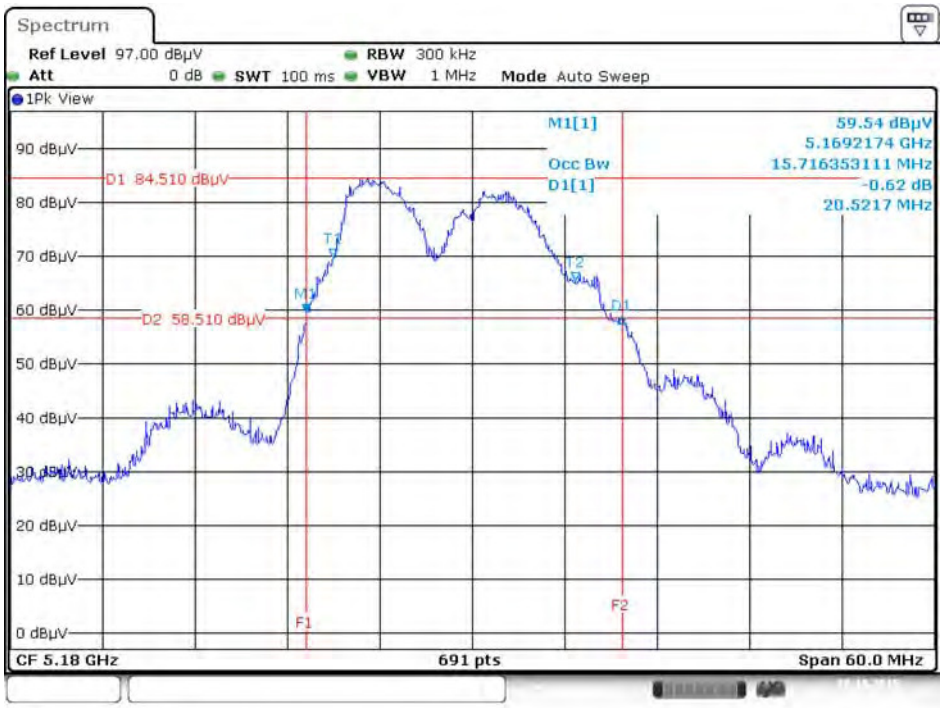



**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**

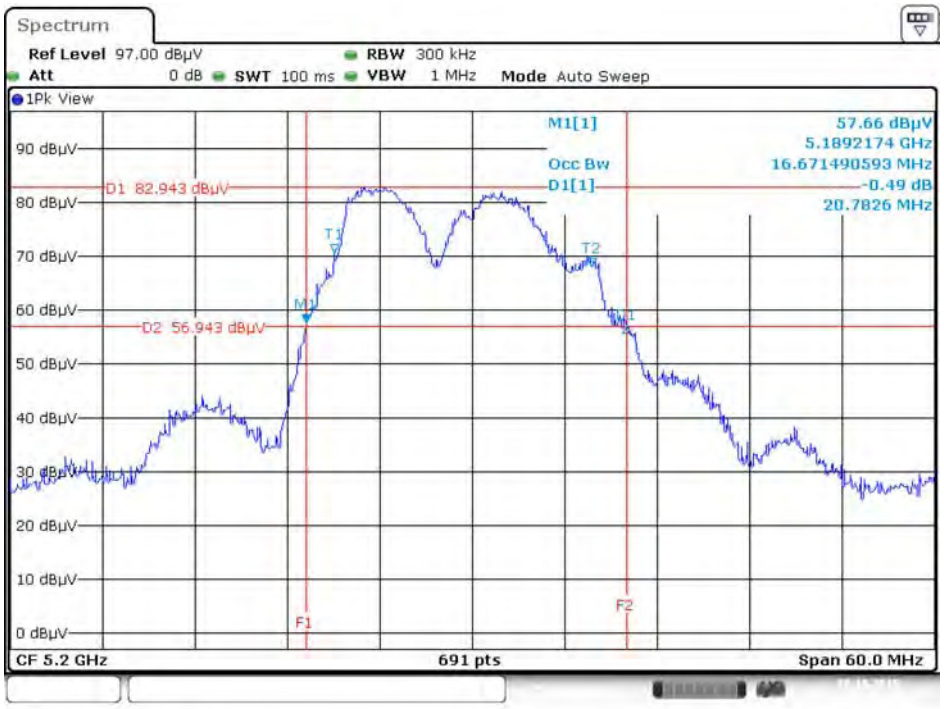


**Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX)**

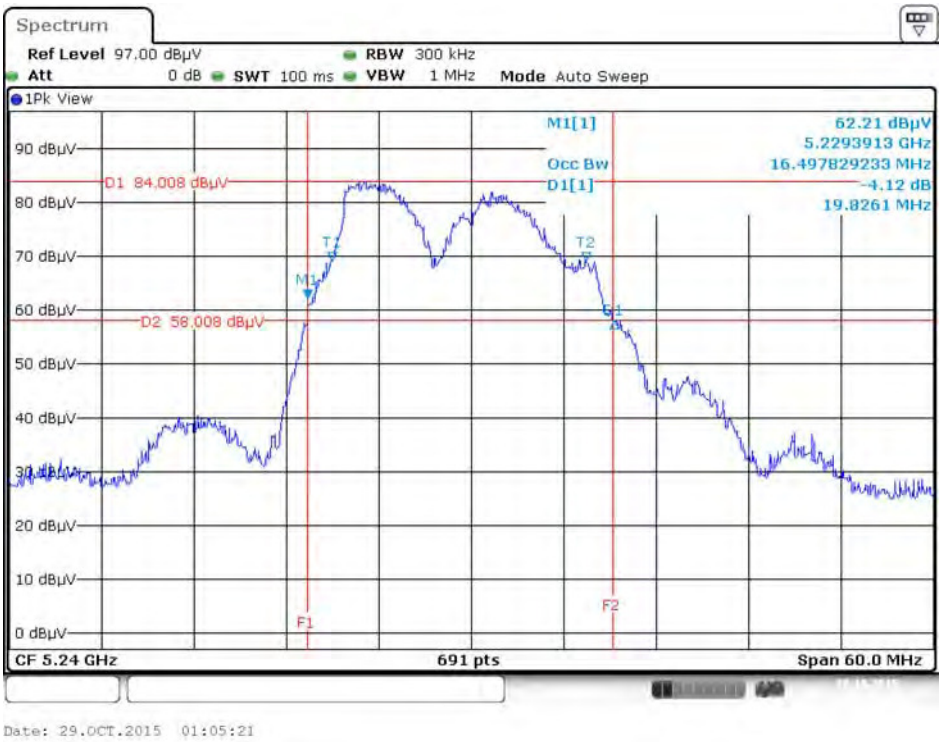
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5180 MHz**



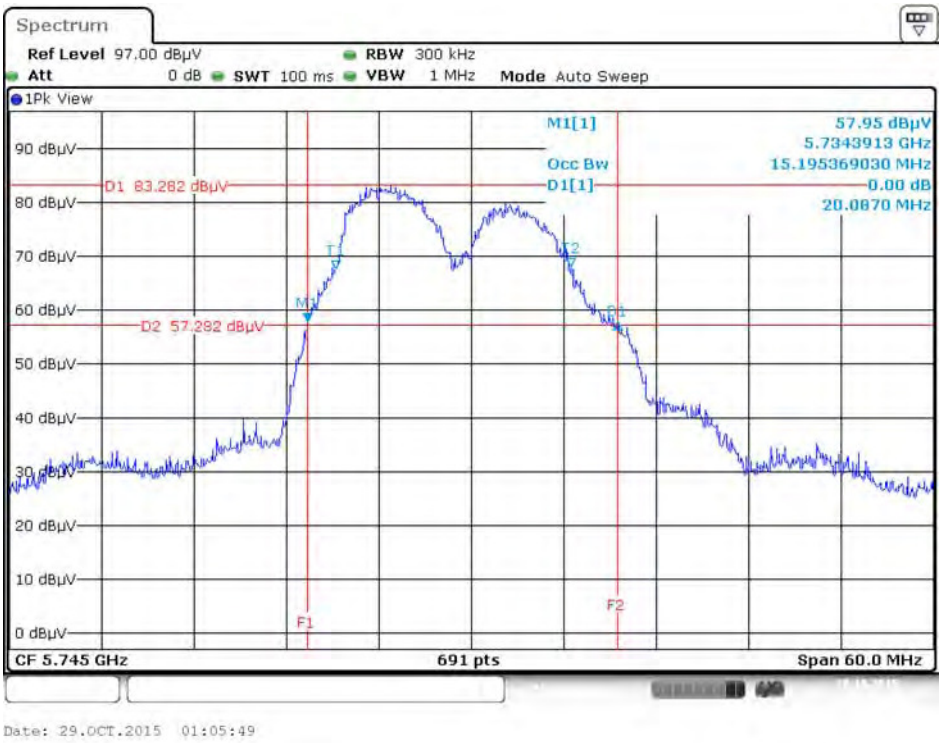

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5200 MHz**



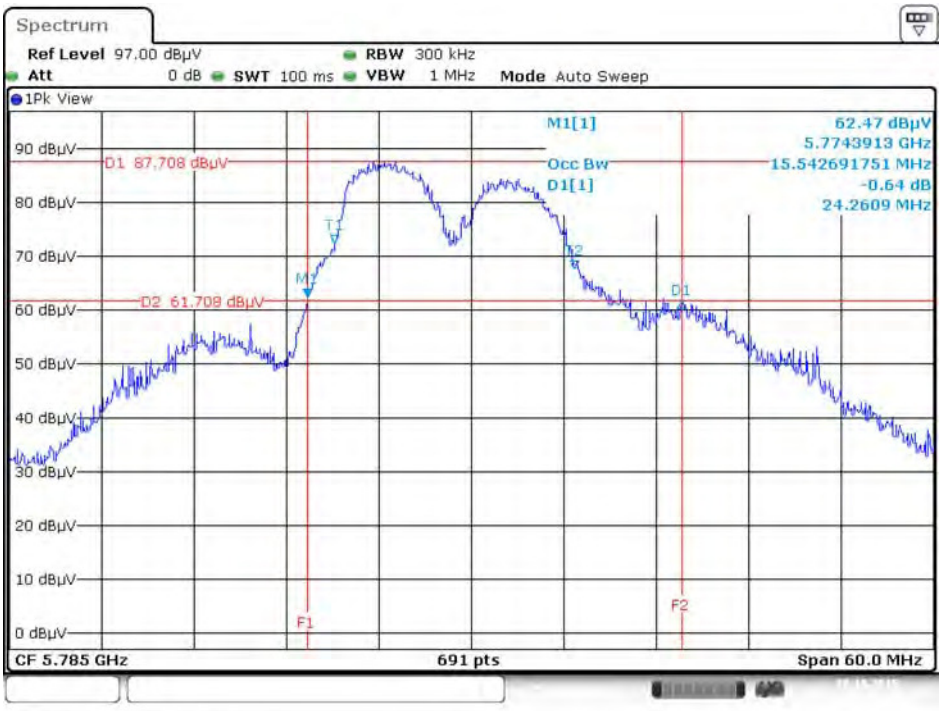
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5240 MHz**



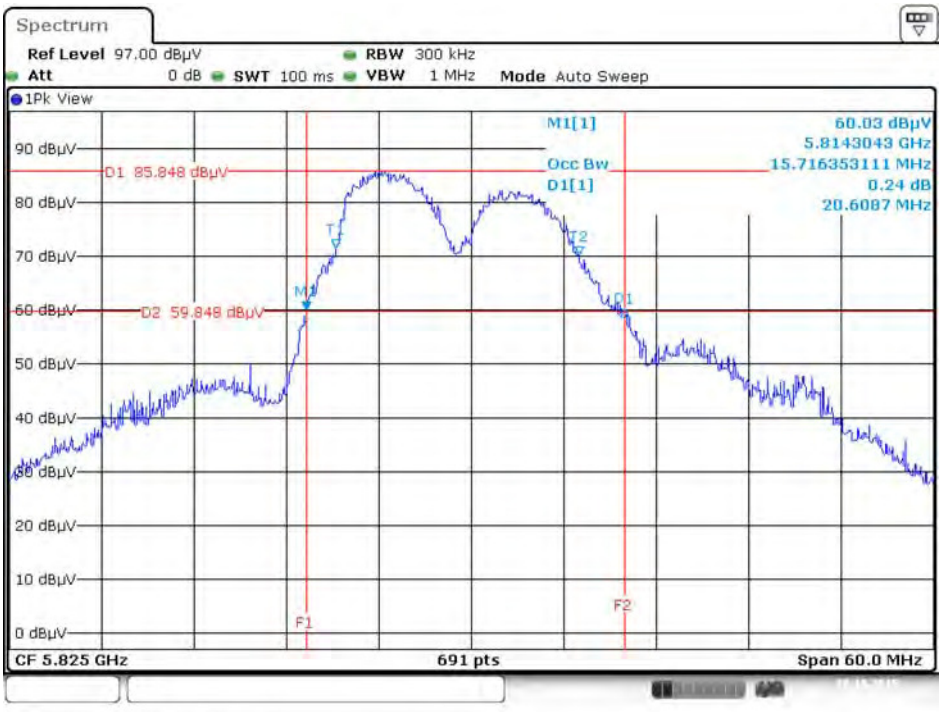

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz**



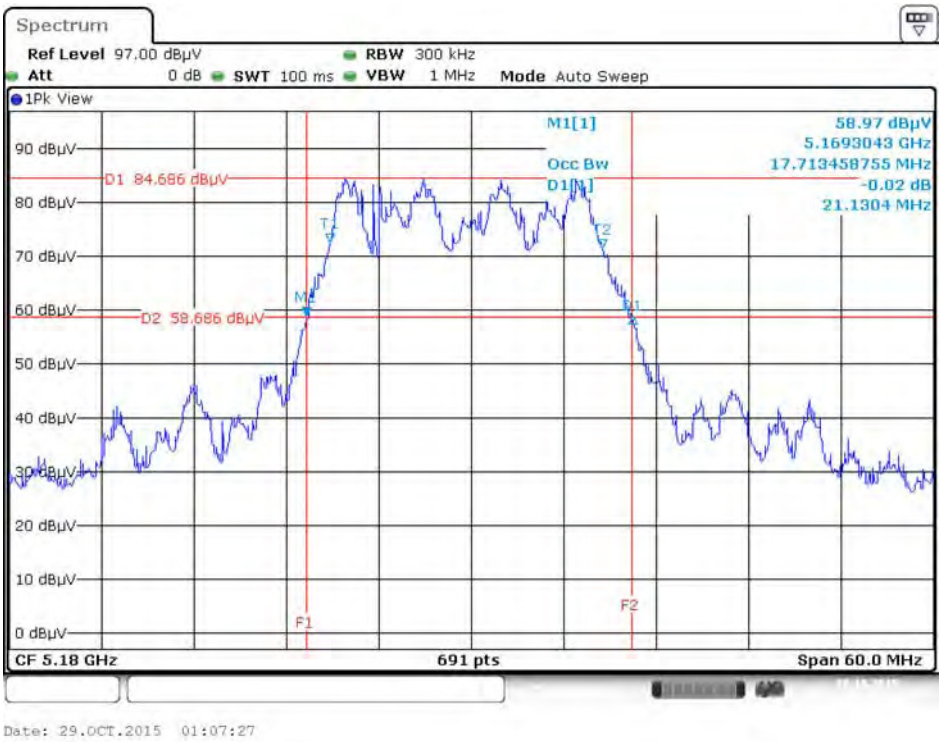
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



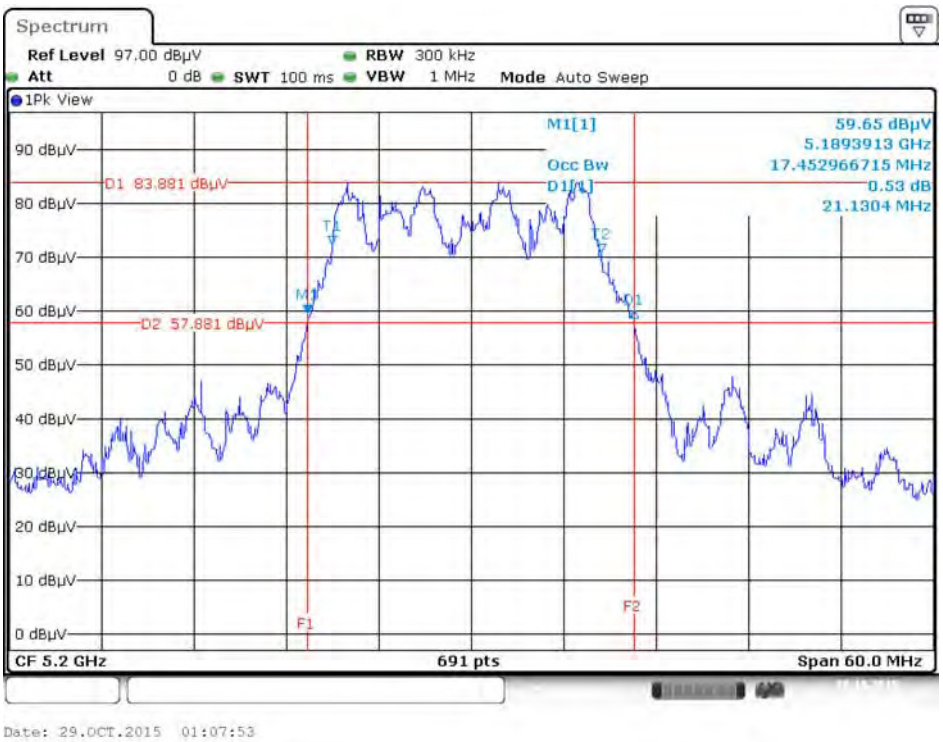

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



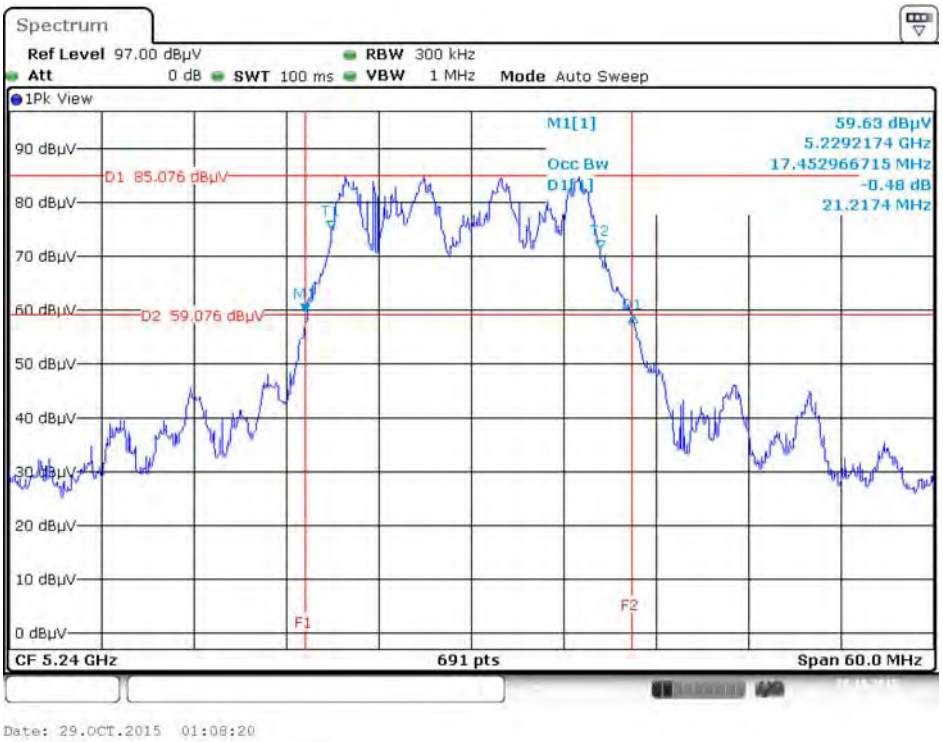
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5180 MHz**



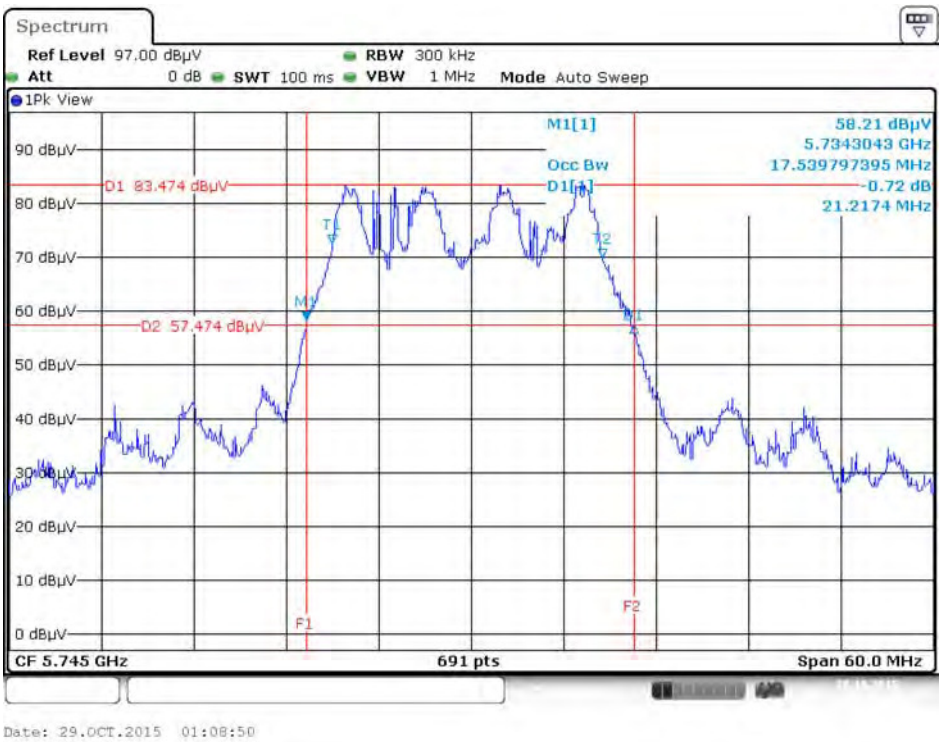

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5200 MHz**



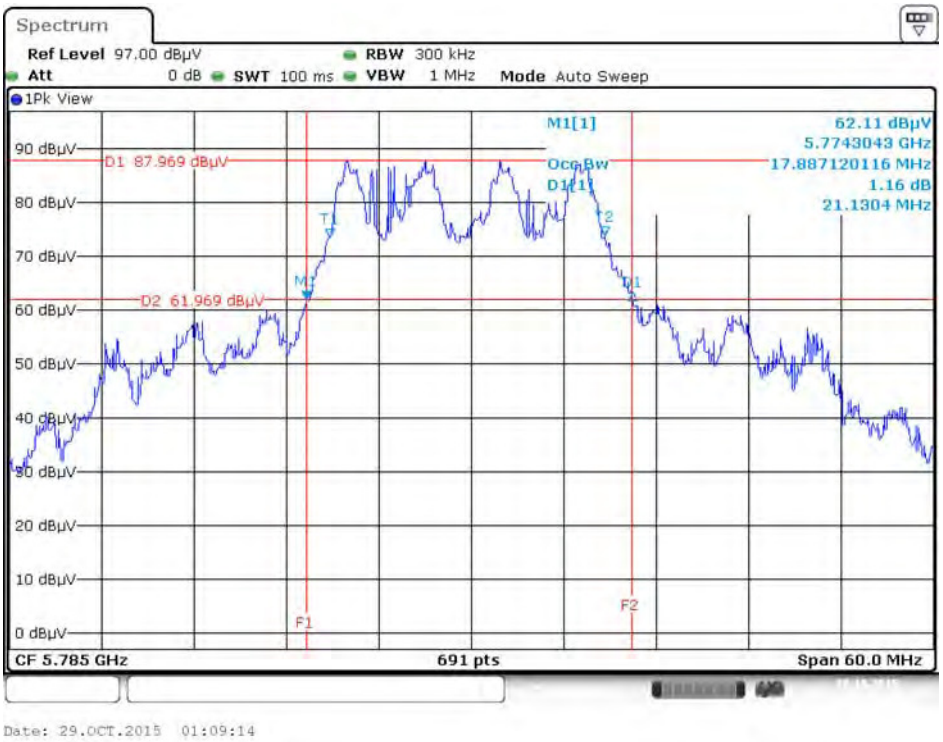
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5240 MHz**



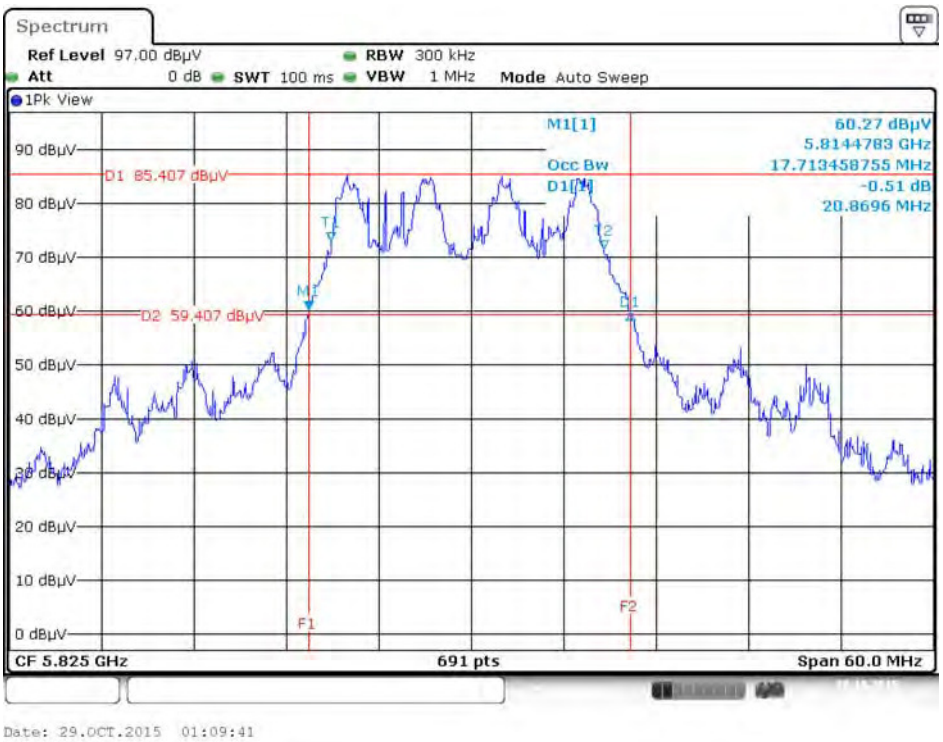

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz**



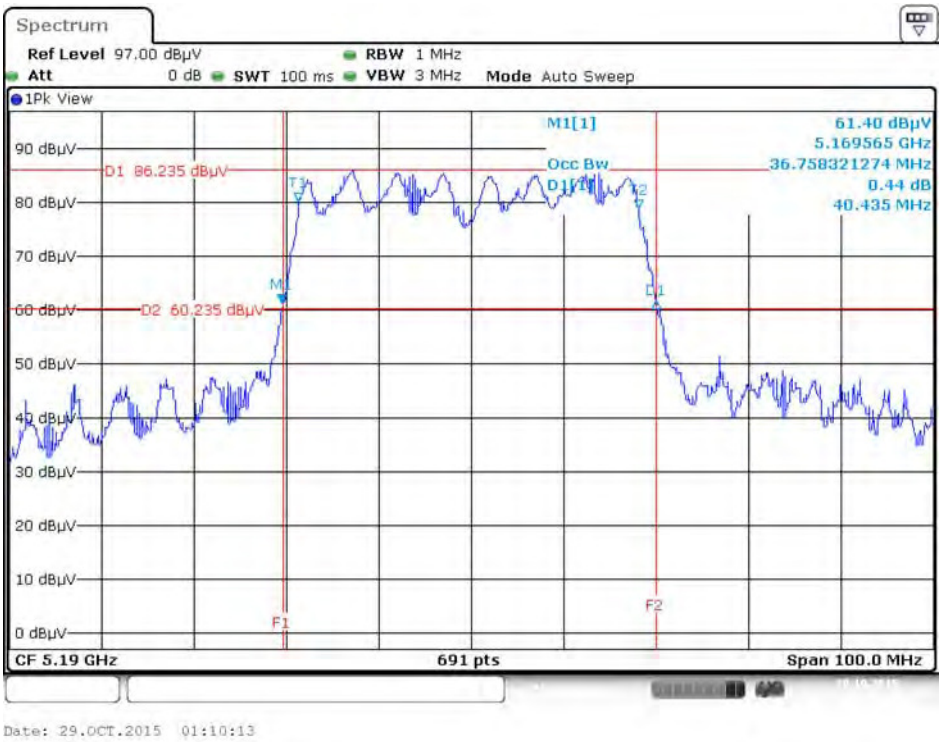
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



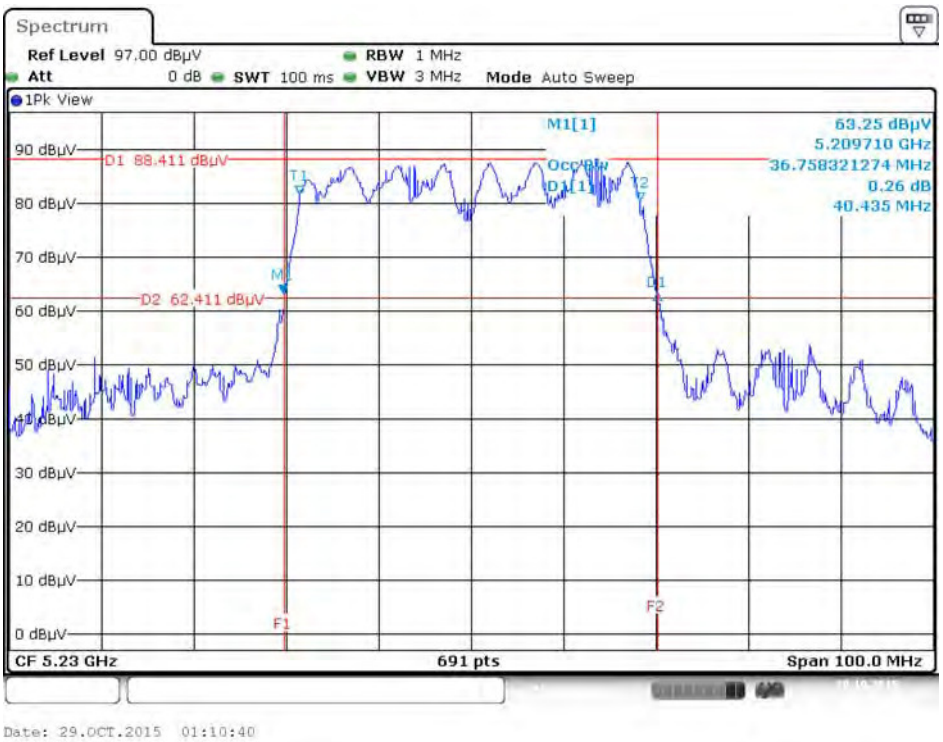

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



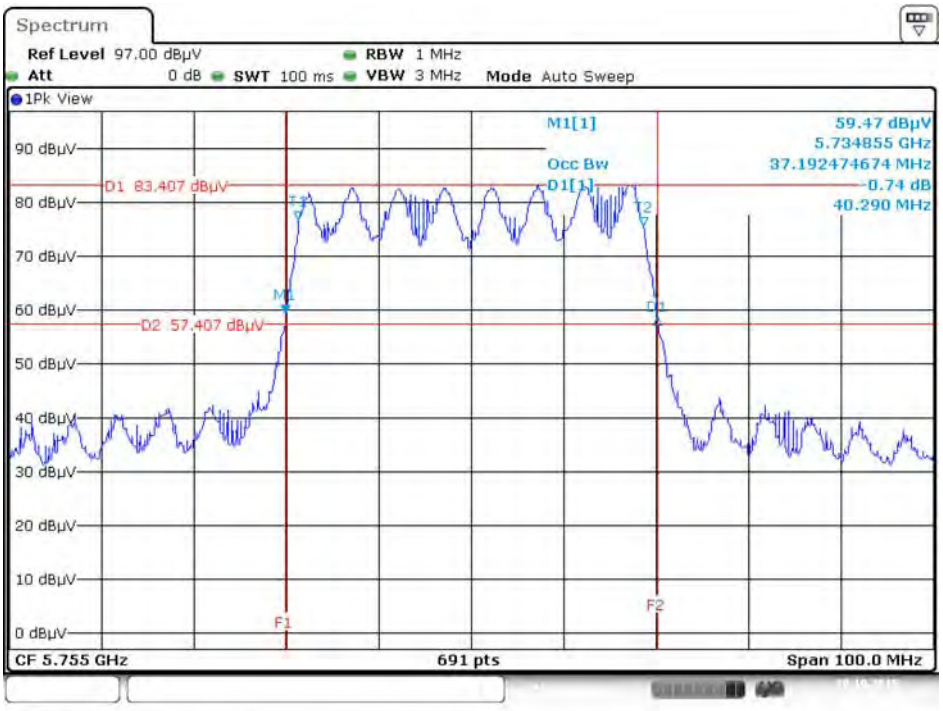
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5190 MHz**



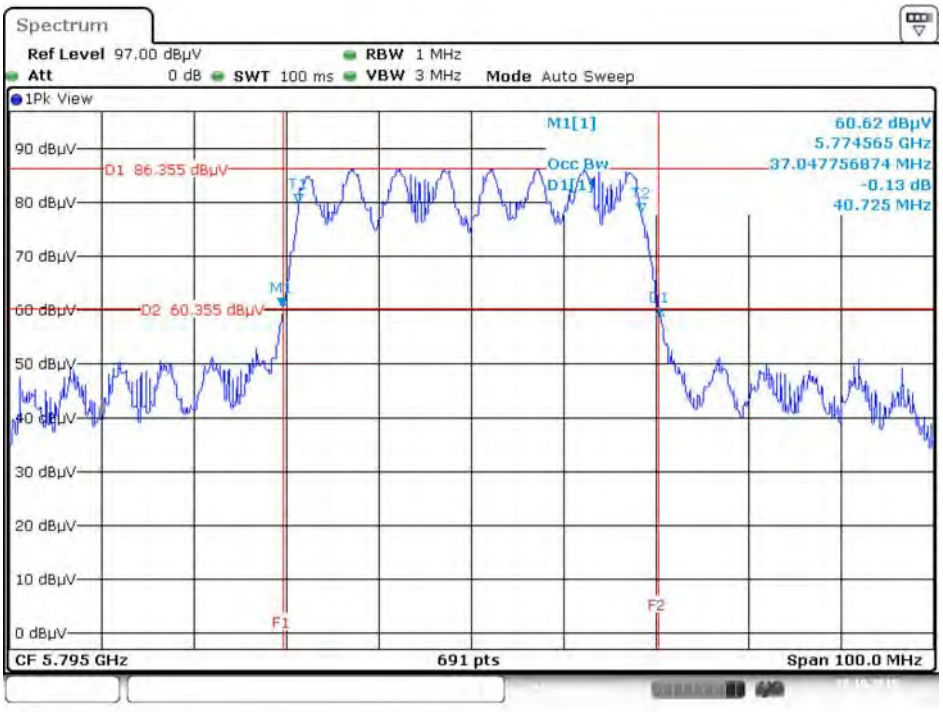

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5230 MHz**



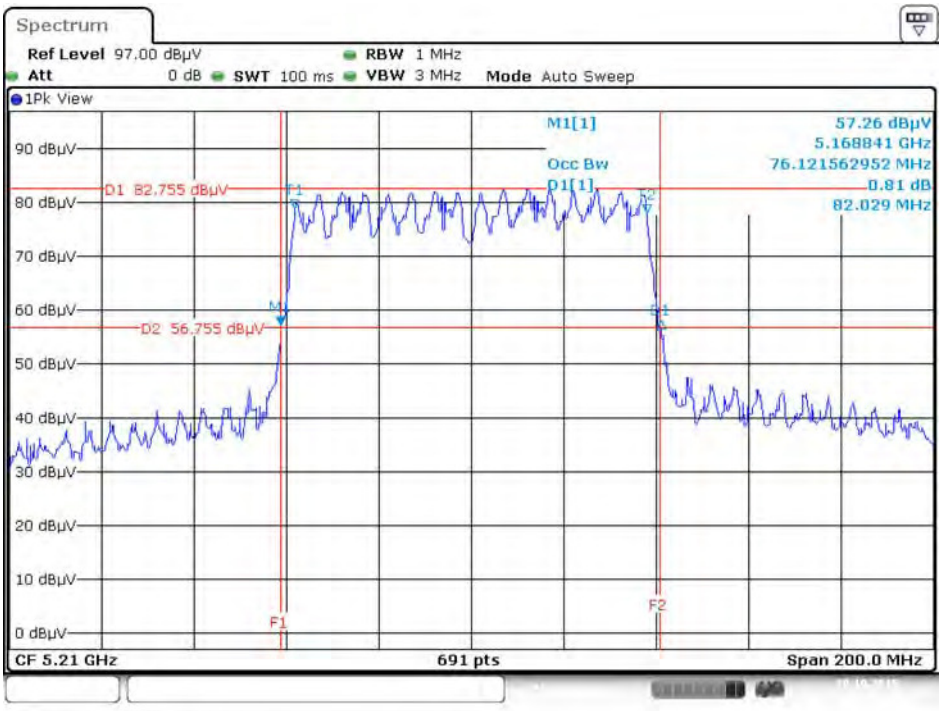
**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz**



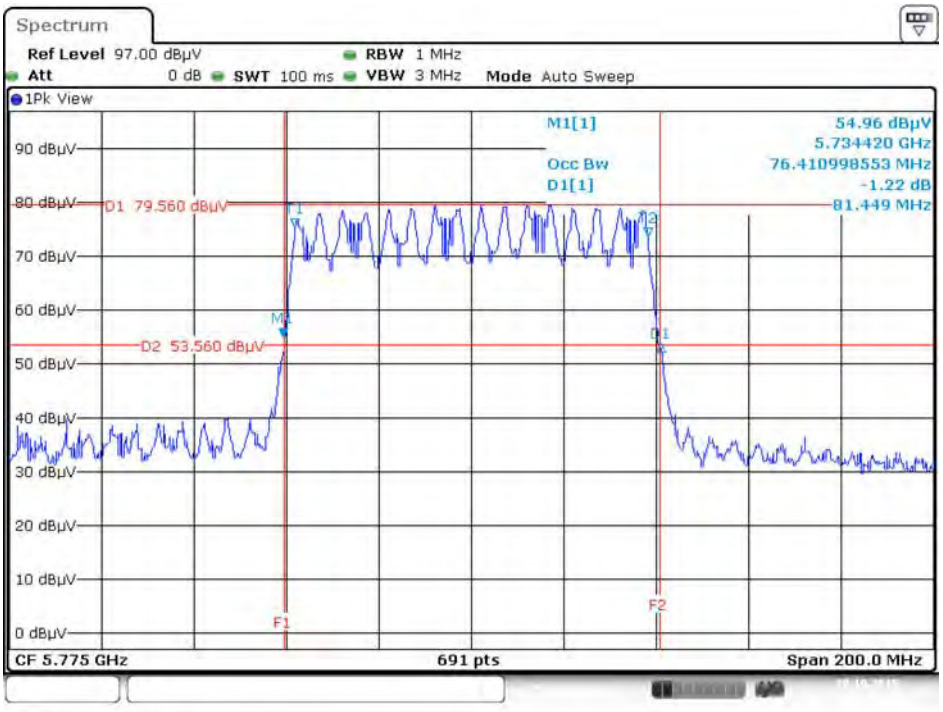

**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5795 MHz**



**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5210 MHz**




**26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**



## 4.3. 6dB Spectrum Bandwidth Measurement

### 4.3.1. Limit

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

### 4.3.2. 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 | ≥ 3 x RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

### 4.3.3. 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.

### 4.3.4. Test Setup Layout

For Radiated 6dB Bandwidth Measurement:

This test setup layout is the same as that shown in section 4.6.4.

### 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 6dB Spectrum Bandwidth

**For Non-Beamforming Mode**

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX) | | |

**For indoor / outdoor use**

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.62 | 500 | Complies |
| | 5785 MHz | 17.68 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.17 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 15.71 | 500 | Complies |
| | 5785 MHz | 15.94 | 500 | Complies |
| | 5825 MHz | 15.65 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.29 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.06 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.07 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 13.16 | 500 | Complies |
| | 5785 MHz | 15.07 | 500 | Complies |
| | 5825 MHz | 15.36 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.41 | 500 | Complies |
| | 5785 MHz | 16.58 | 500 | Complies |
| | 5825 MHz | 16.64 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.06 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 10.67 | 500 | Complies |
| | 5785 MHz | 9.74 | 500 | Complies |
| | 5825 MHz | 10.84 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.23 | 500 | Complies |
| | 5785 MHz | 16.41 | 500 | Complies |
| | 5825 MHz | 15.83 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.48 | 500 | Complies |
| | 5795 MHz | 35.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX) | | |

For indoor / outdoor use

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.80 | 500 | Complies |
| | 5785 MHz | 17.68 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.41 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 76.23 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 15.71 | 500 | Complies |
| | 5785 MHz | 15.94 | 500 | Complies |
| | 5825 MHz | 15.65 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.93 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.06 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 14.03 | 500 | Complies |
| | 5785 MHz | 15.07 | 500 | Complies |
| | 5825 MHz | 15.36 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.70 | 500 | Complies |
| | 5785 MHz | 16.58 | 500 | Complies |
| | 5825 MHz | 16.64 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.06 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 12.93 | 500 | Complies |
| | 5785 MHz | 9.74 | 500 | Complies |
| | 5825 MHz | 10.67 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.12 | 500 | Complies |
| | 5785 MHz | 16.41 | 500 | Complies |
| | 5825 MHz | 16.06 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX) | | |

For indoor / outdoor use

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.58 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.80 | 500 | Complies |
| | 5785 MHz | 17.68 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.41 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 76.23 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.06 | 500 | Complies |
| | 5785 MHz | 15.94 | 500 | Complies |
| | 5825 MHz | 15.65 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.93 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 73.04 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 13.57 | 500 | Complies |
| | 5785 MHz | 15.07 | 500 | Complies |
| | 5825 MHz | 12.99 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.41 | 500 | Complies |
| | 5785 MHz | 16.58 | 500 | Complies |
| | 5825 MHz | 16.99 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.06 | 500 | Complies |
| | 5795 MHz | 35.83 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 10.09 | 500 | Complies |
| | 5785 MHz | 9.74 | 500 | Complies |
| | 5825 MHz | 10.84 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.41 | 500 | Complies |
| | 5785 MHz | 16.41 | 500 | Complies |
| | 5825 MHz | 16.29 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.48 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX) | | |

For indoor / outdoor use

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.57 | 500 | Complies |
| | 5785 MHz | 17.68 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.41 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.36 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 15.71 | 500 | Complies |
| | 5785 MHz | 15.94 | 500 | Complies |
| | 5825 MHz | 15.65 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.06 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.64 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 12.99 | 500 | Complies |
| | 5785 MHz | 15.07 | 500 | Complies |
| | 5825 MHz | 15.36 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.41 | 500 | Complies |
| | 5785 MHz | 16.58 | 500 | Complies |
| | 5825 MHz | 16.99 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.06 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 10.72 | 500 | Complies |
| | 5785 MHz | 9.74 | 500 | Complies |
| | 5825 MHz | 10.67 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.06 | 500 | Complies |
| | 5785 MHz | 16.41 | 500 | Complies |
| | 5825 MHz | 15.83 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.48 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 1TX) | | |

For indoor use

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.62 | 500 | Complies |
| | 5785 MHz | 17.68 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.41 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 76.23 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.06 | 500 | Complies |
| | 5785 MHz | 15.94 | 500 | Complies |
| | 5825 MHz | 15.65 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.64 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.70 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 13.28 | 500 | Complies |
| | 5785 MHz | 15.07 | 500 | Complies |
| | 5825 MHz | 15.36 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.70 | 500 | Complies |
| | 5785 MHz | 16.58 | 500 | Complies |
| | 5825 MHz | 16.64 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 76.23 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | | |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 10.67 | 500 | Complies |
| | 5785 MHz | 9.74 | 500 | Complies |
| | 5825 MHz | 10.67 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.41 | 500 | Complies |
| | 5825 MHz | 16.06 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.71 | 500 | Complies |
| | 5795 MHz | 35.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.65 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | | |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi / 1TX) | | |

For indoor / outdoor use

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 16.35 | 500 | Complies |
| | 5785 MHz | 16.35 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 17.57 | 500 | Complies |
| | 5785 MHz | 17.57 | 500 | Complies |
| | 5825 MHz | 17.62 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.29 | 500 | Complies |
| | 5795 MHz | 36.29 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.07 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | | |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 12.12 | 500 | Complies |
| | 5785 MHz | 12.35 | 500 | Complies |
| | 5825 MHz | 12.29 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.41 | 500 | Complies |
| | 5785 MHz | 15.71 | 500 | Complies |
| | 5825 MHz | 15.71 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.94 | 500 | Complies |
| | 5795 MHz | 36.06 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 73.62 | 500 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | | |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 12.93 | 500 | Complies |
| | 5785 MHz | 16.23 | 500 | Complies |
| | 5825 MHz | 16.35 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.70 | 500 | Complies |
| | 5785 MHz | 16.06 | 500 | Complies |
| | 5825 MHz | 16.70 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 36.17 | 500 | Complies |
| | 5795 MHz | 36.41 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

| Temperature | 25℃ | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | | |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX) | | |

| Mode | Frequency | 6dB Bandwidth (MHz) | Min. Limit (kHz) | Test Result |
|---|---|---|---|---|
| 802.11a | 5745 MHz | 13.16 | 500 | Complies |
| | 5785 MHz | 15.54 | 500 | Complies |
| | 5825 MHz | 16.29 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5745 MHz | 16.64 | 500 | Complies |
| | 5785 MHz | 16.12 | 500 | Complies |
| | 5825 MHz | 16.46 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5755 MHz | 35.83 | 500 | Complies |
| | 5795 MHz | 35.83 | 500 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5775 MHz | 75.94 | 500 | Complies |

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

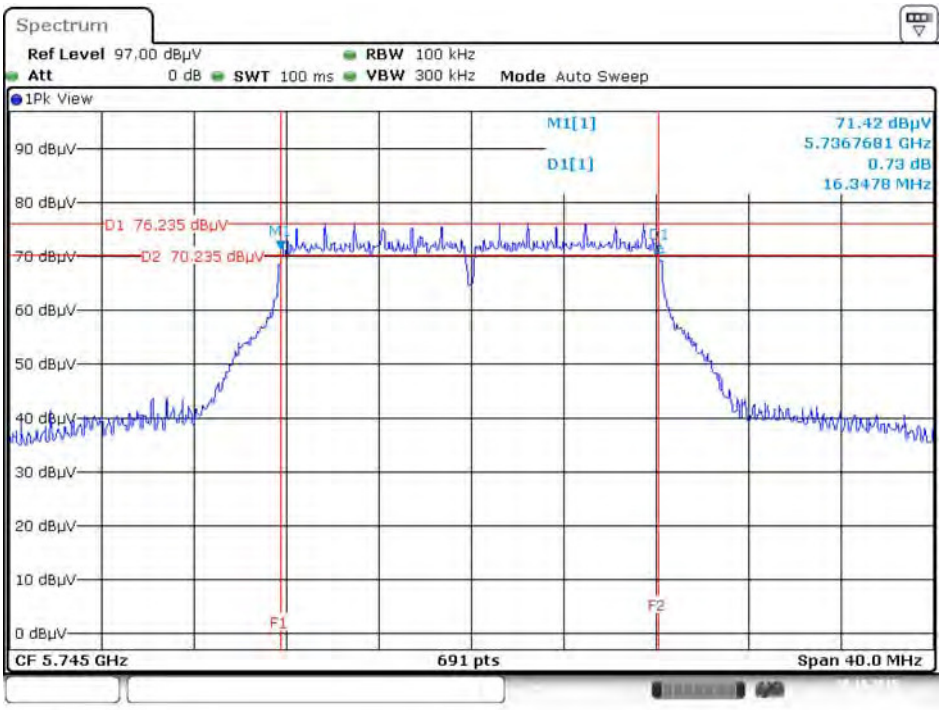
For plots, only the channel with worse result was shown.

**For Non-Beamforming Mode**

**For indoor / outdoor use**

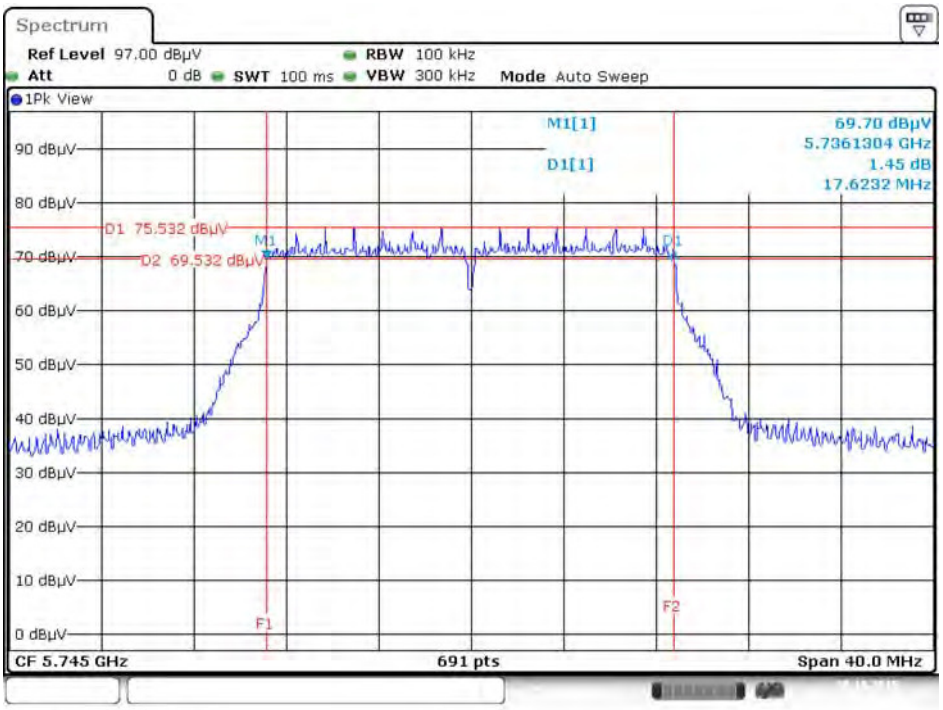
**Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz**



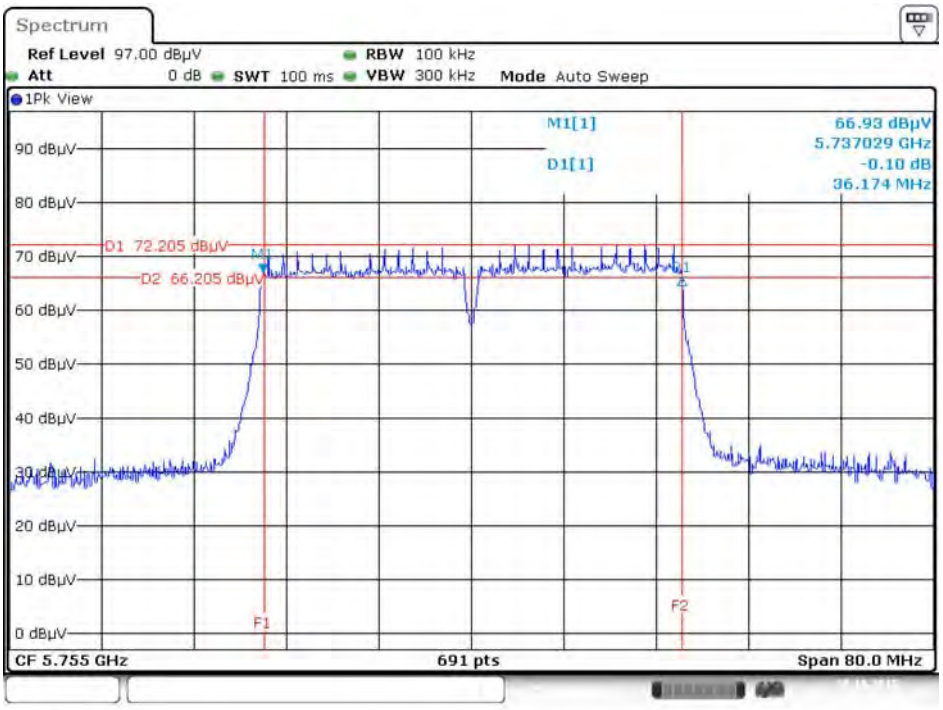

Date: 20.OCT.2015 23:12:19

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5745 MHz**



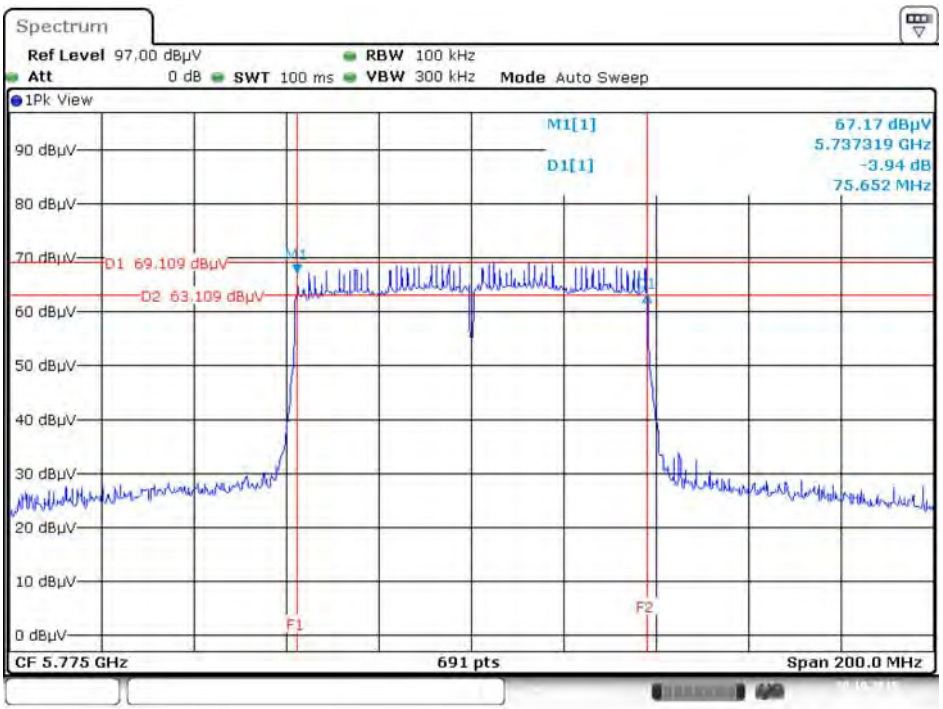

Date: 20.OCT.2015 23:38:12

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz




Date: 20.OCT.2015 23:41:04

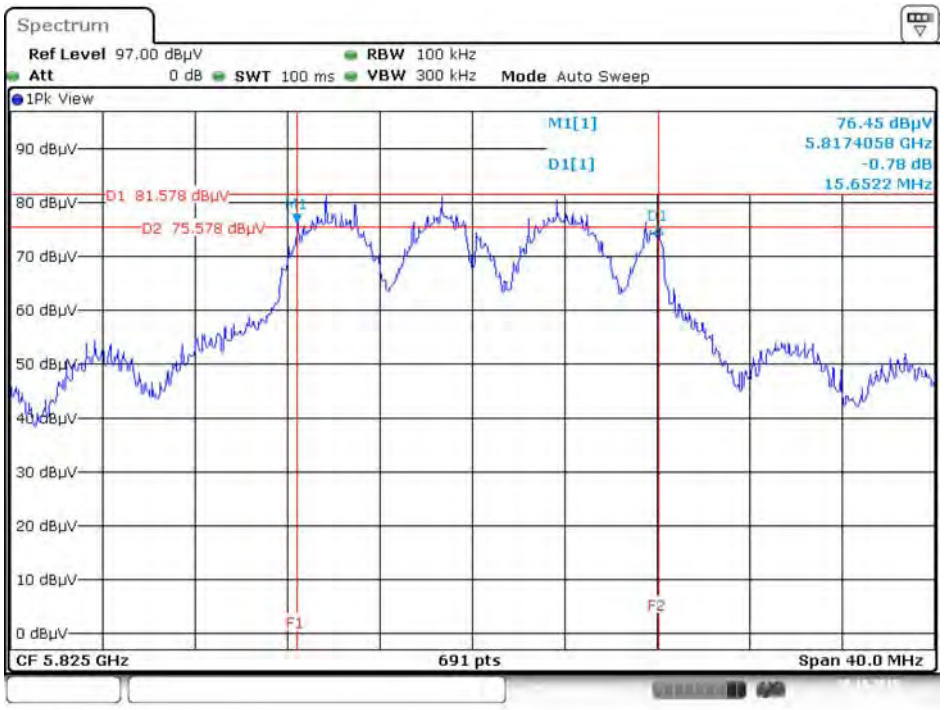
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz




Date: 20.OCT.2015 23:42:18

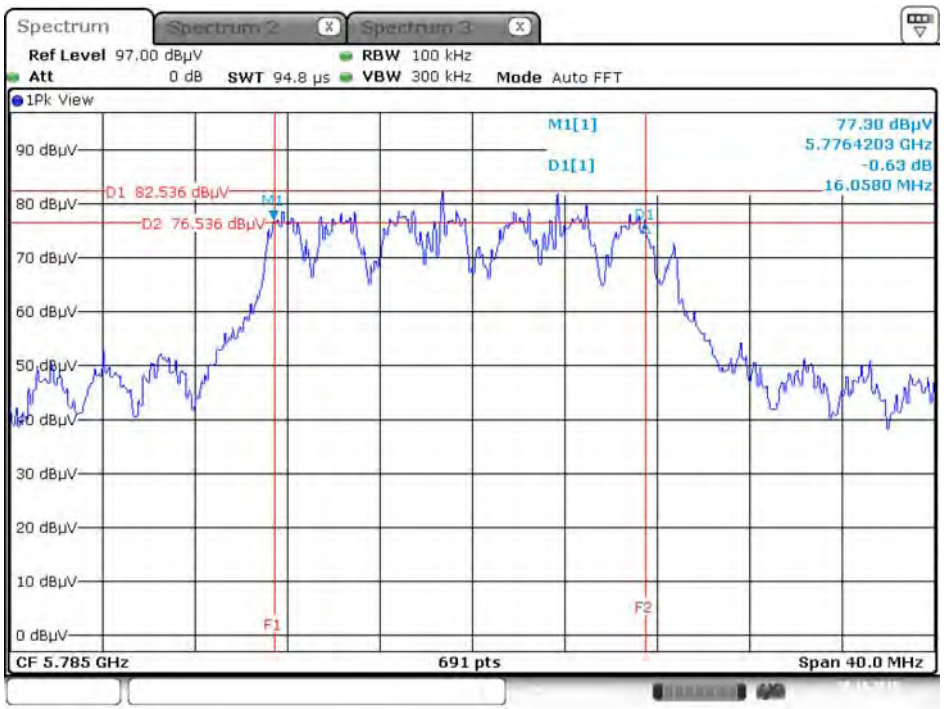
**Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz**



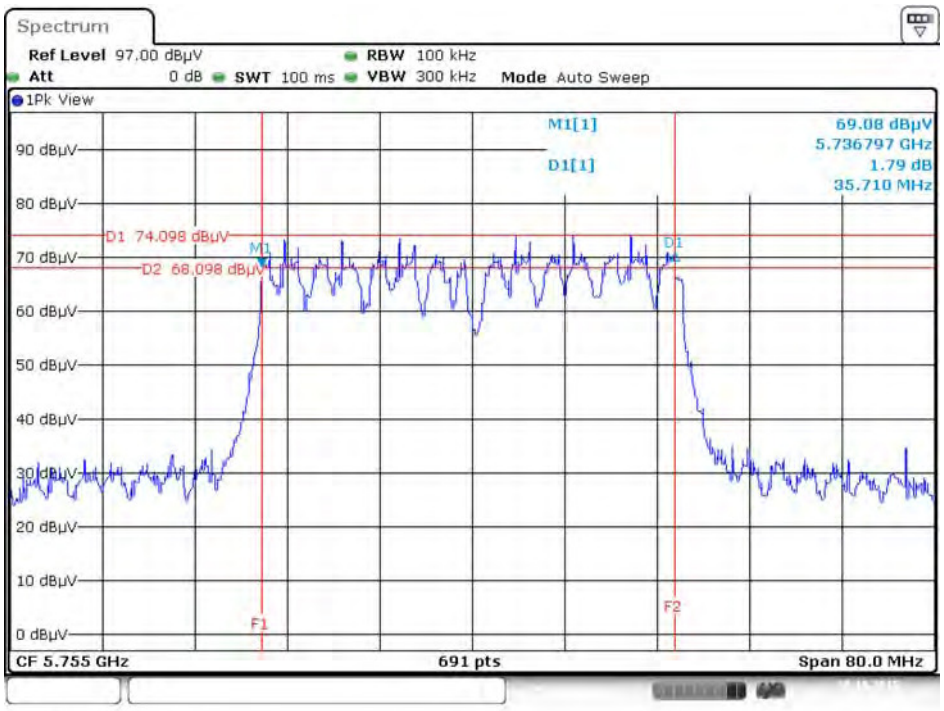

Date: 20.OCT.2015 22:26:49

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz**



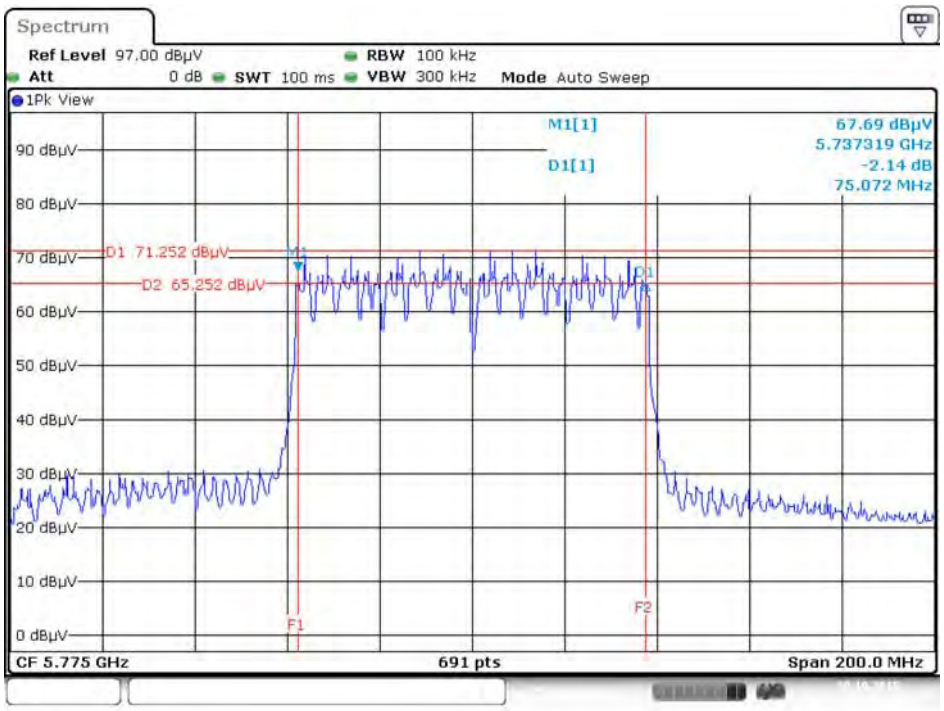

Date: 20.OCT.2015 11:12:52

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755 MHz




Date: 20.OCT.2015 22:34:32

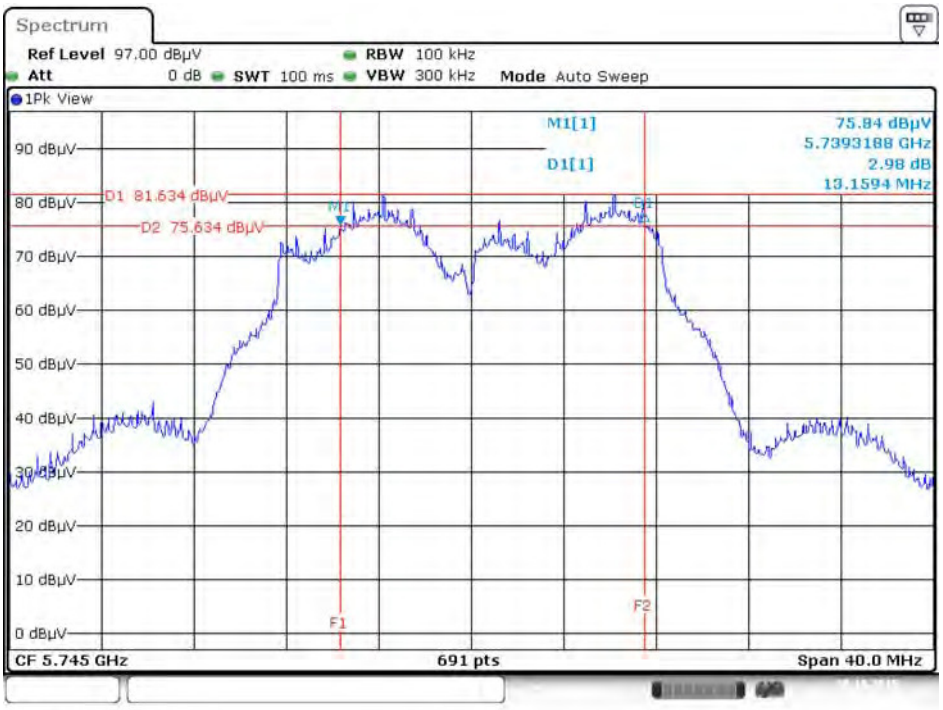
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz




Date: 20.OCT.2015 23:54:17

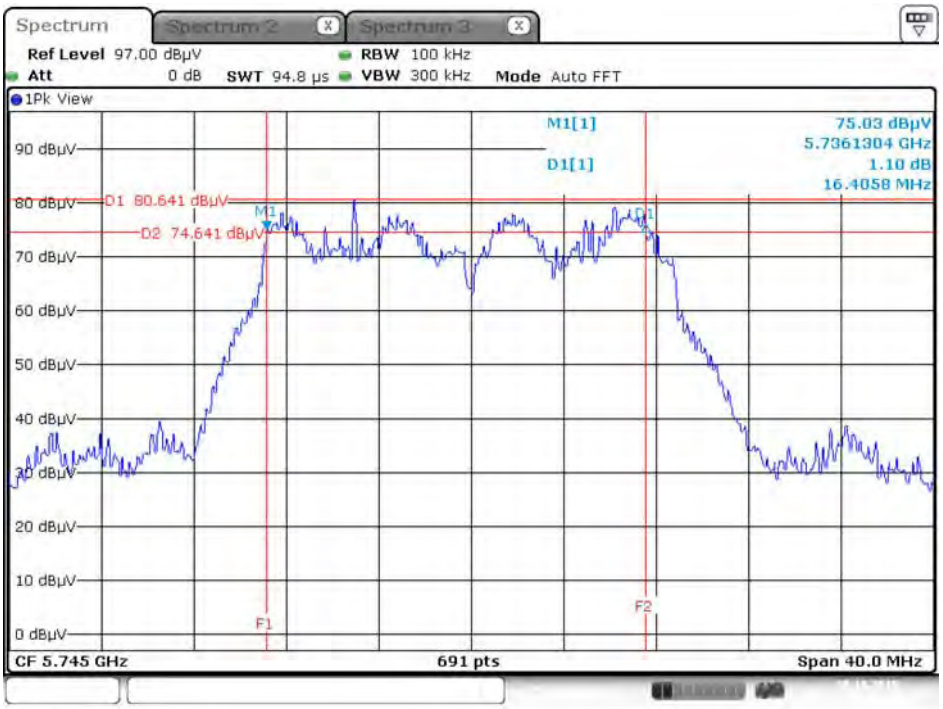
**Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



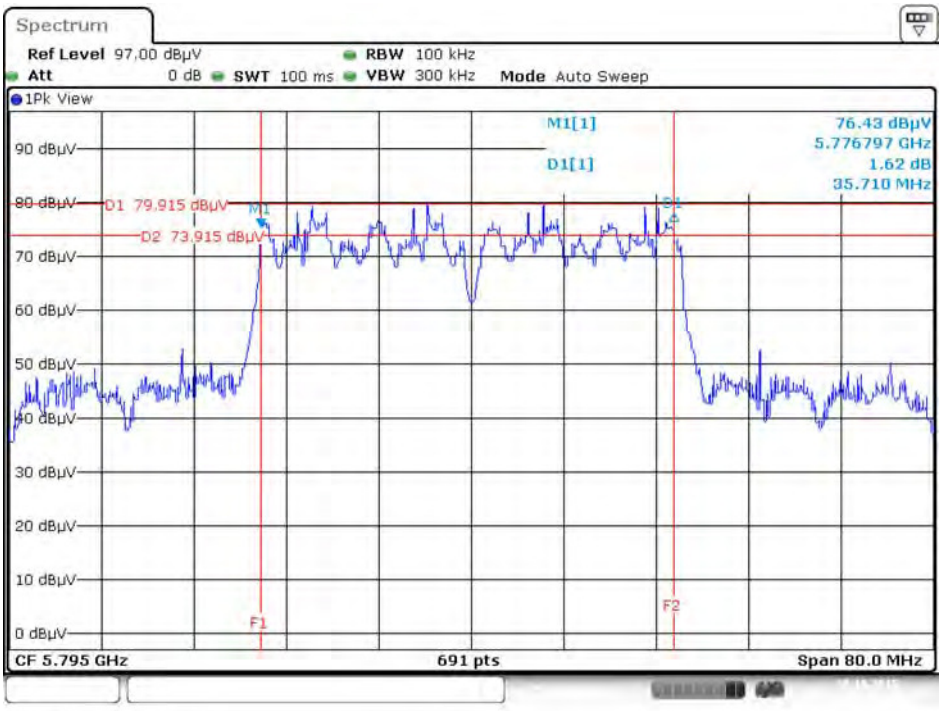

Date: 20.OCT.2015 23:55:53

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



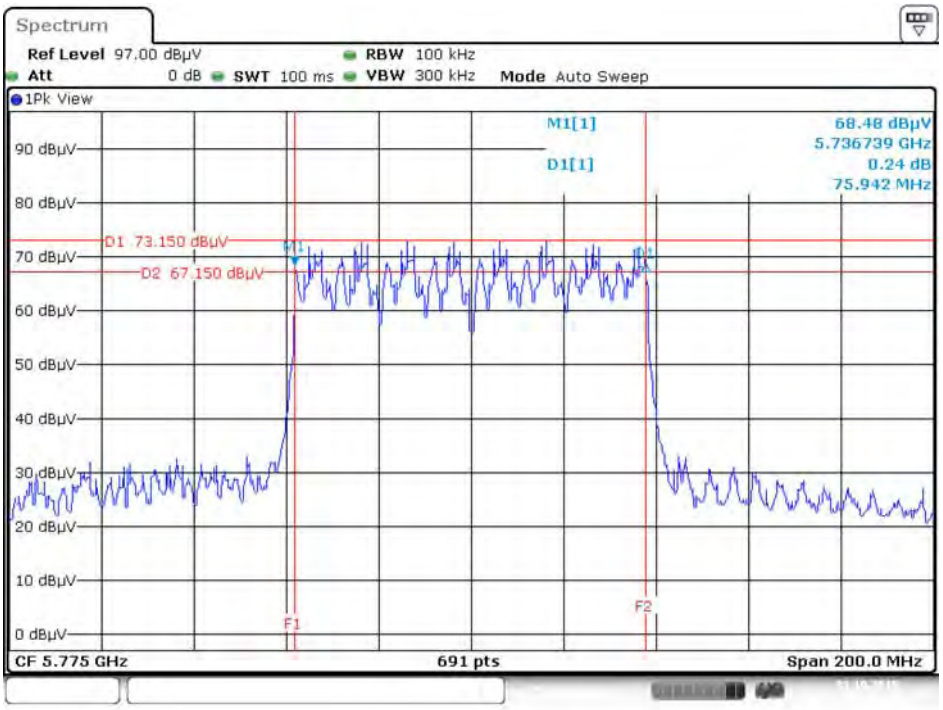

Date: 20.OCT.2015 11:29:53

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795 MHz**




Date: 20.OCT.2015 22:44:54

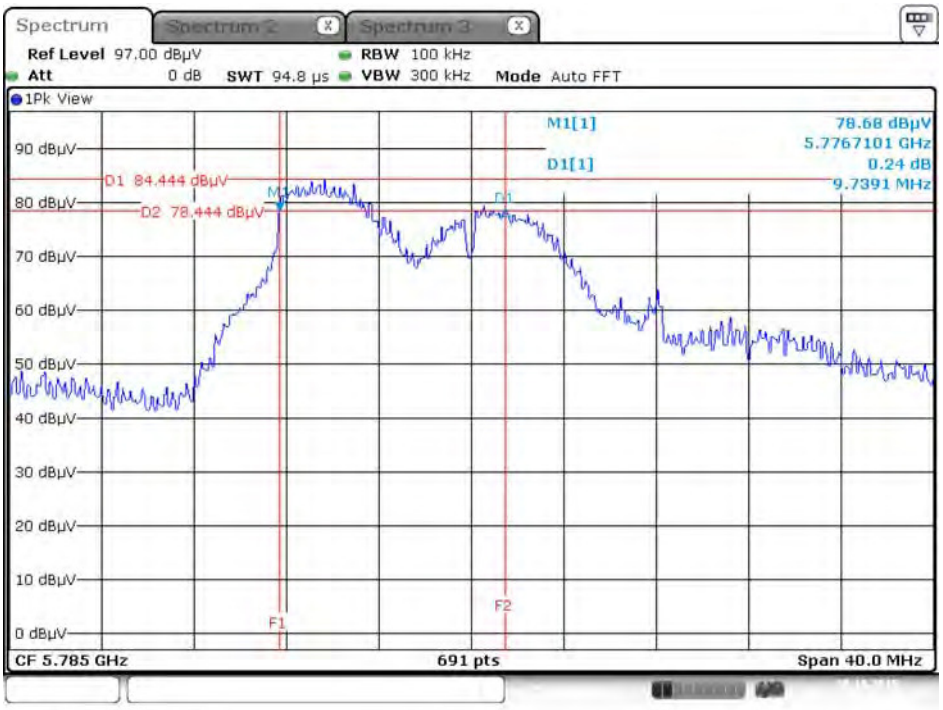
**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**




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

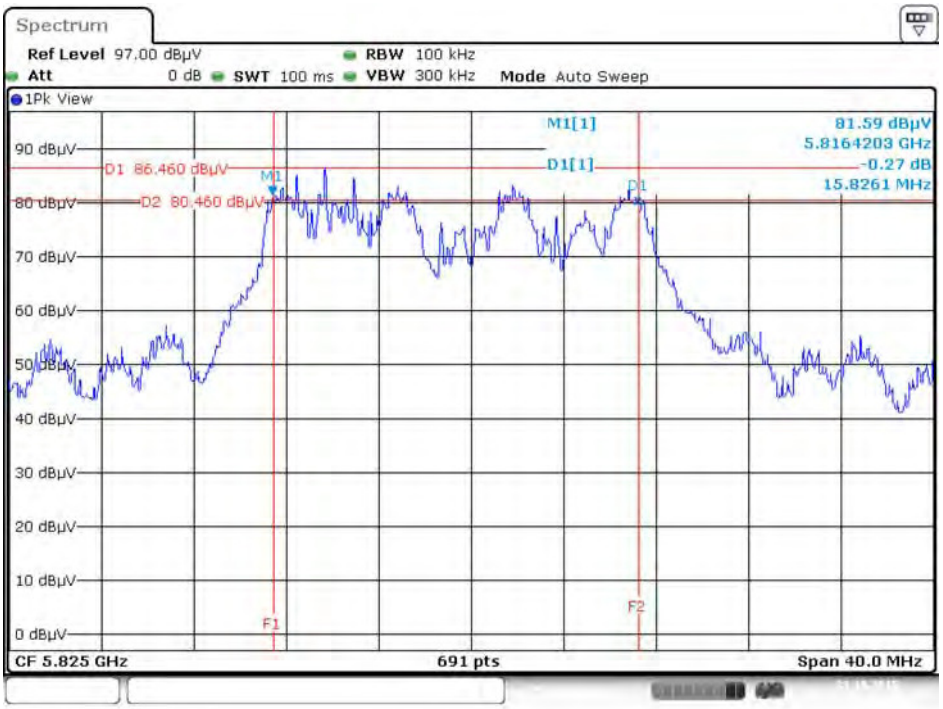
**Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



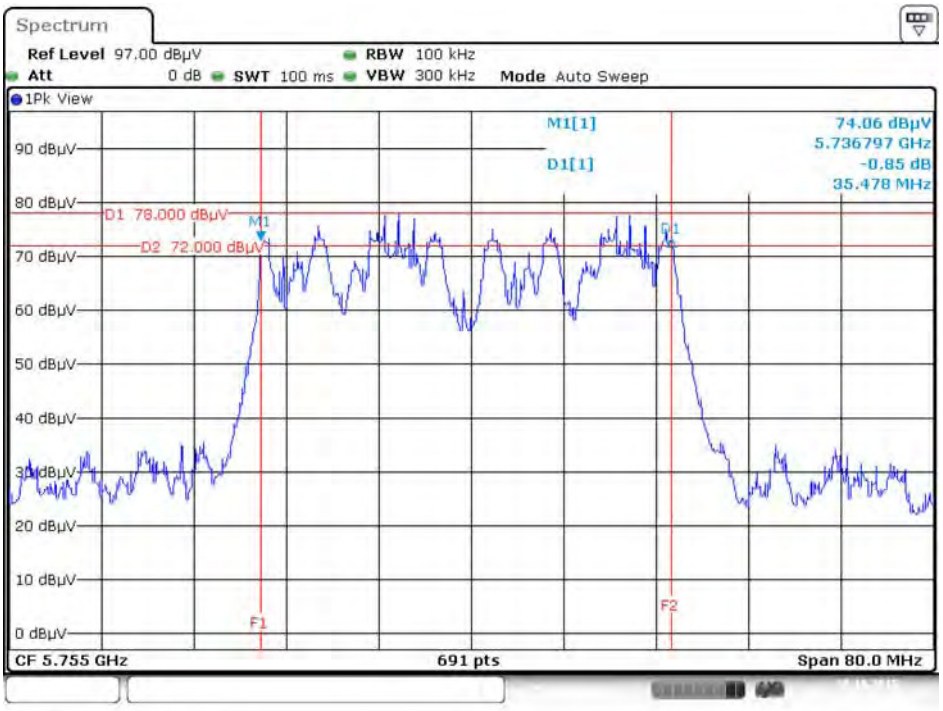

Date: 20.OCT.2015 11:53:43

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



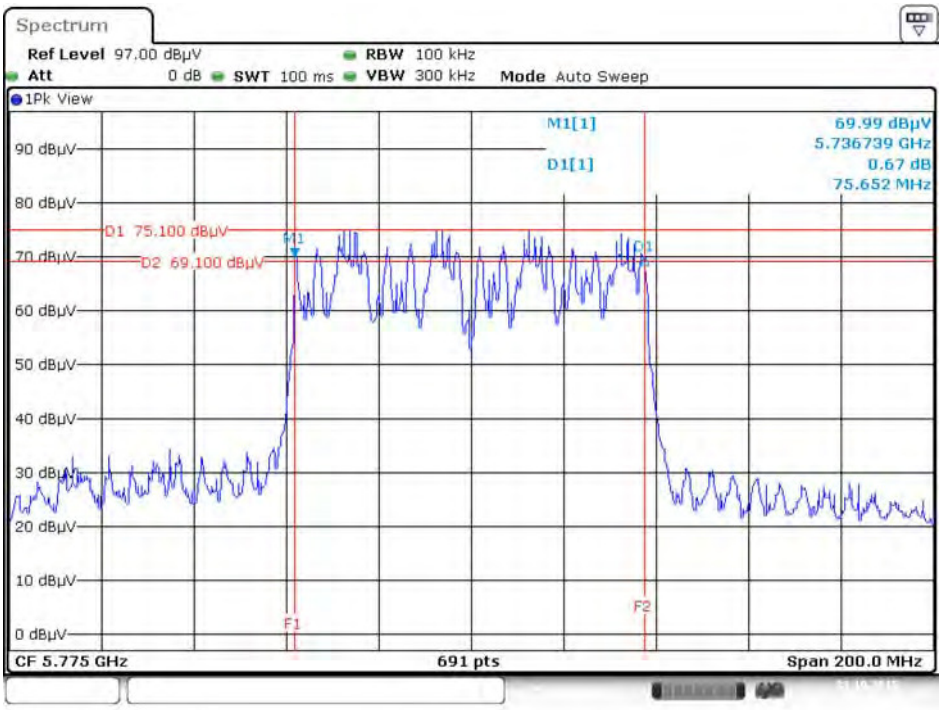

Date: 21.OCT.2015 00:26:25

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz**




Date: 20.OCT.2015 23:01:15

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**

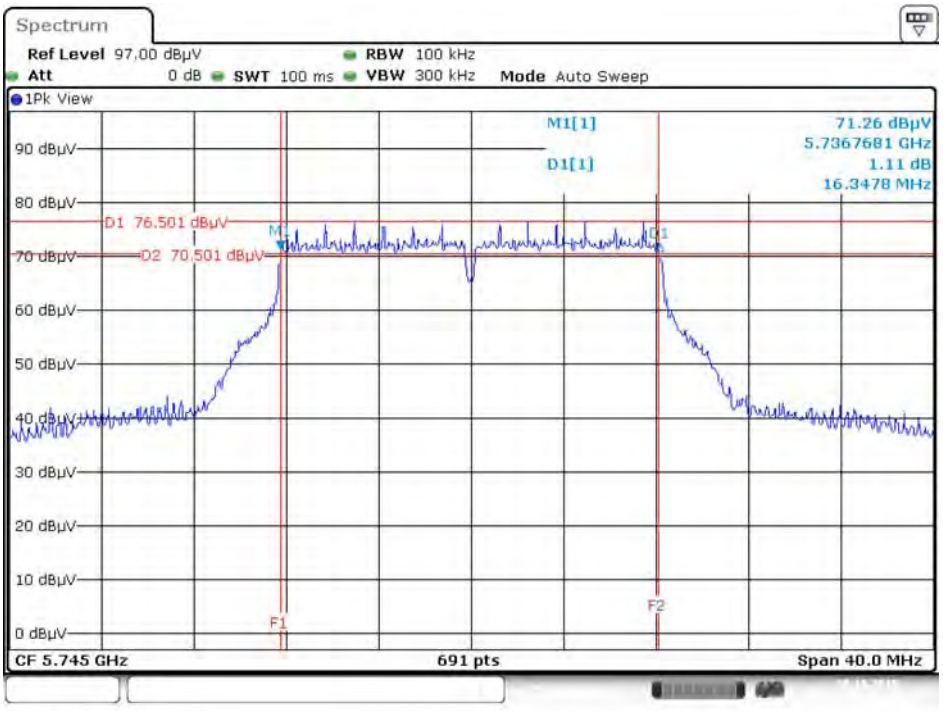



Date: 21.OCT.2015 00:30:27

**For indoor / outdoor use**

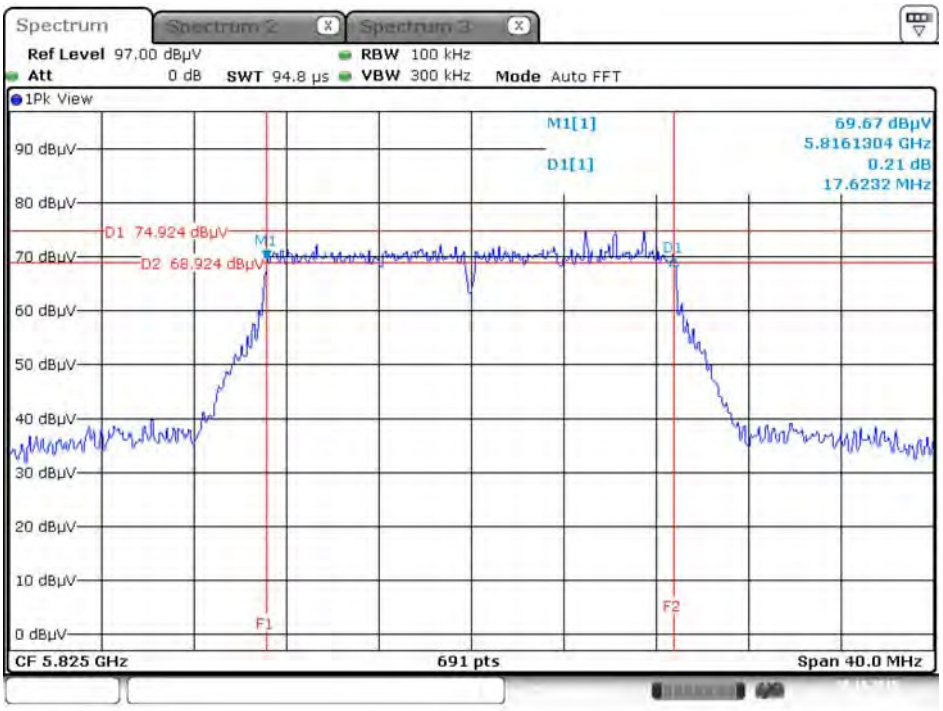
**Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz**



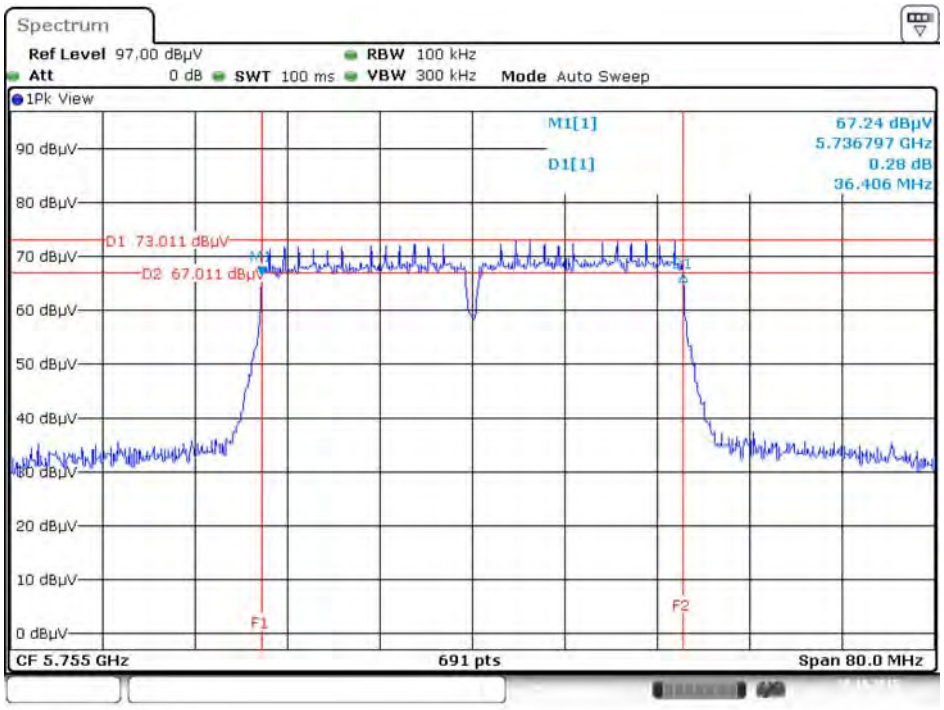

Date: 20.OCT.2015 22:13:11

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5825 MHz**



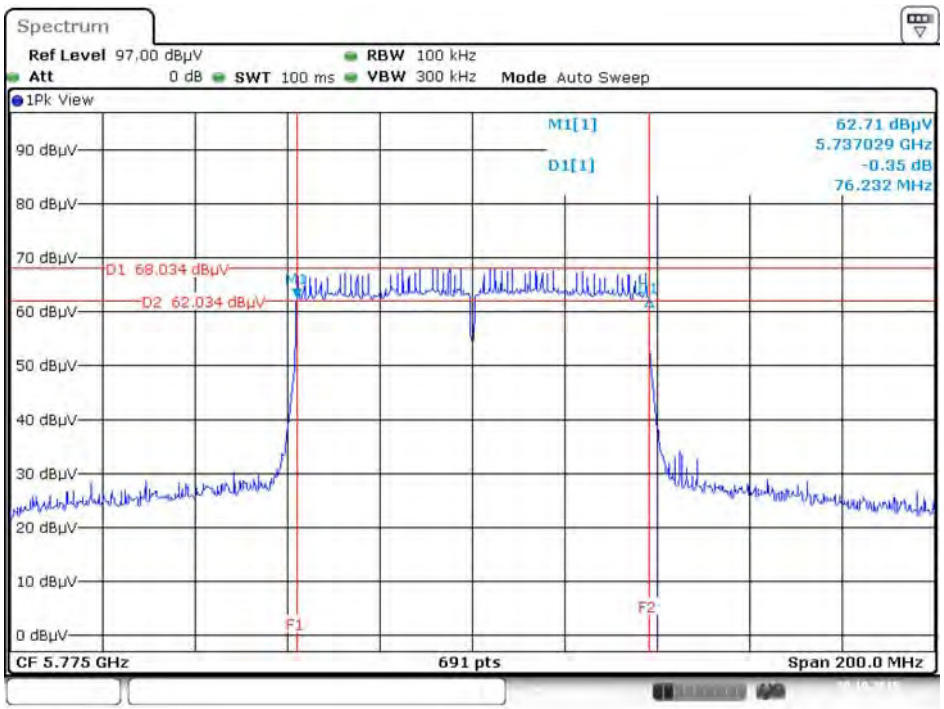

Date: 20.OCT.2015 10:36:24

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz




Date: 20.OCT.2015 22:19:04

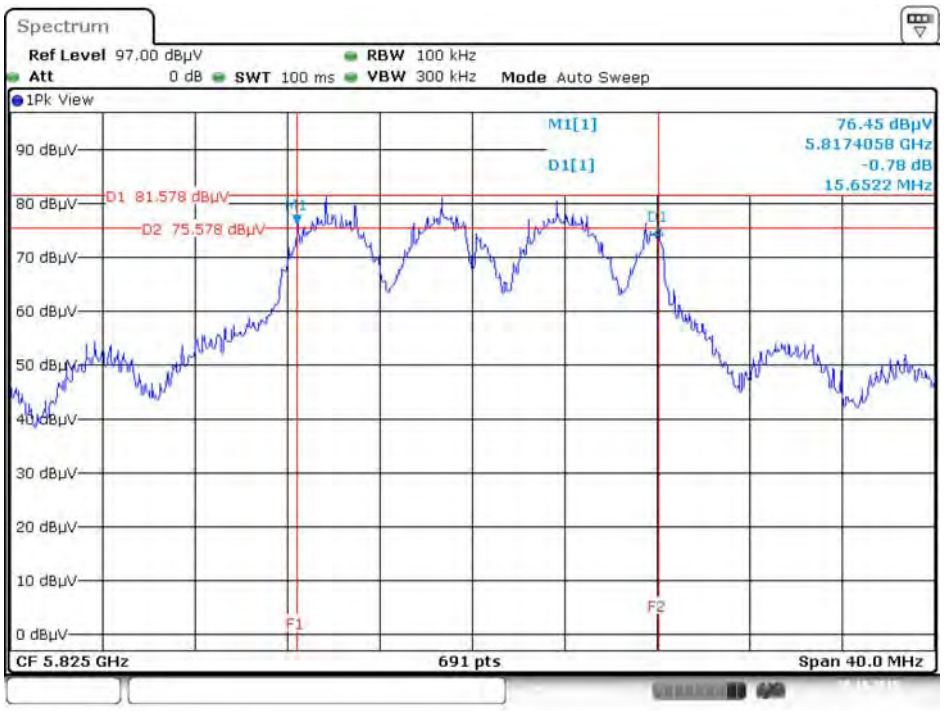
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz




Date: 20.OCT.2015 19:49:12

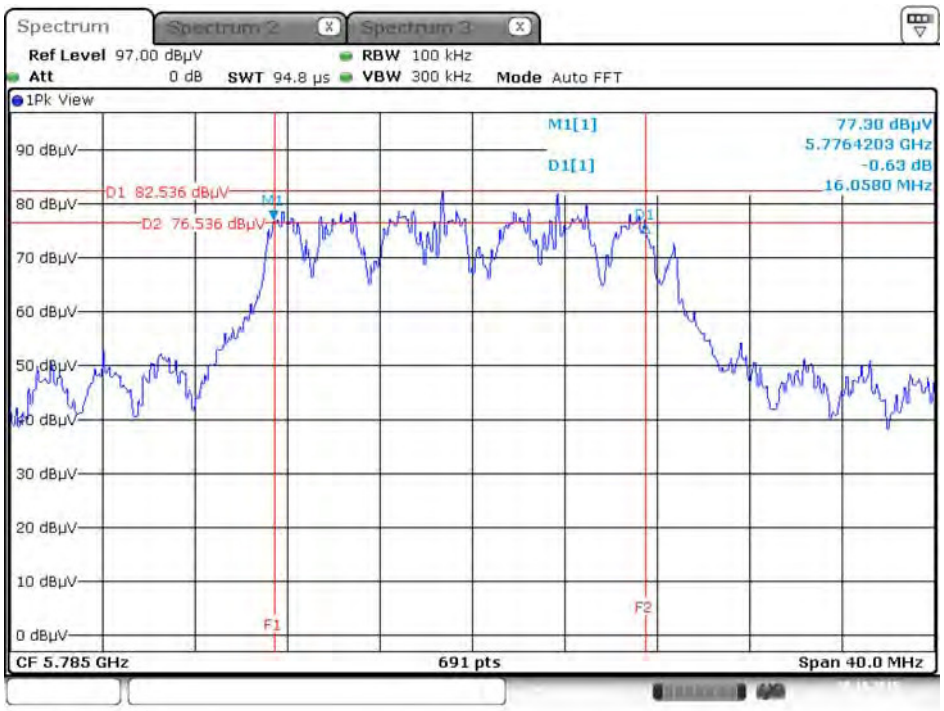
**Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz**



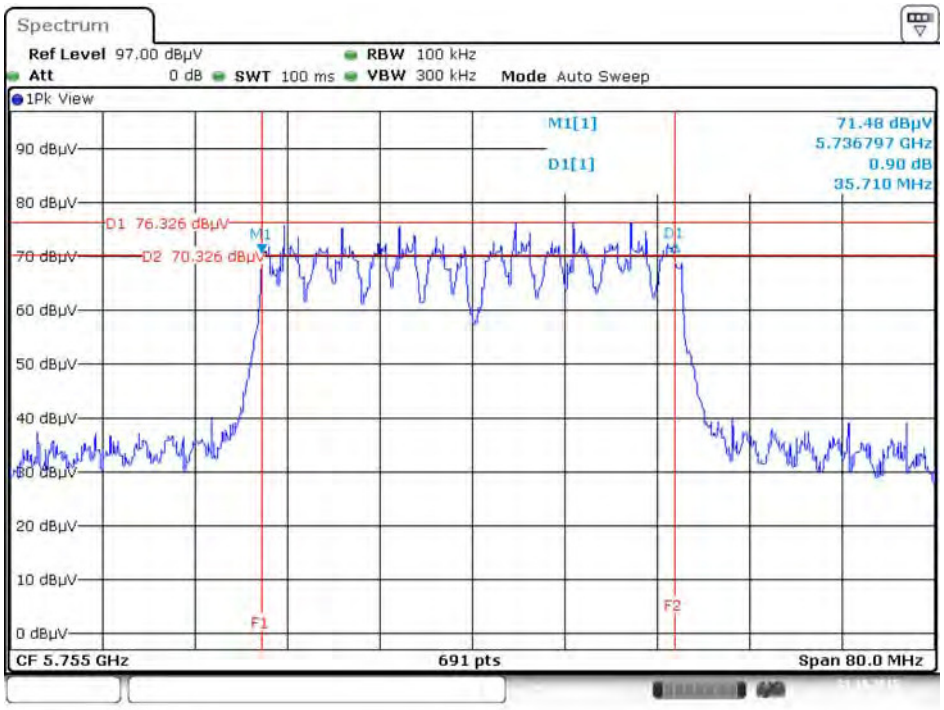

Date: 20.OCT.2015 22:26:49

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz**



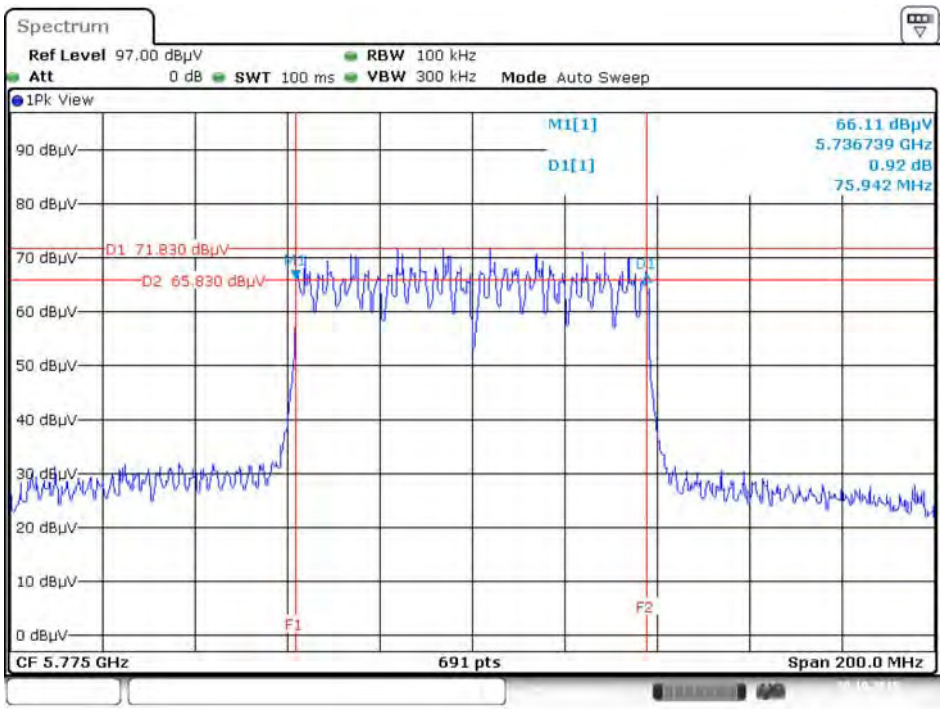

Date: 20.OCT.2015 11:12:52

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755 MHz




Date: 21.OCT.2015 00:49:15

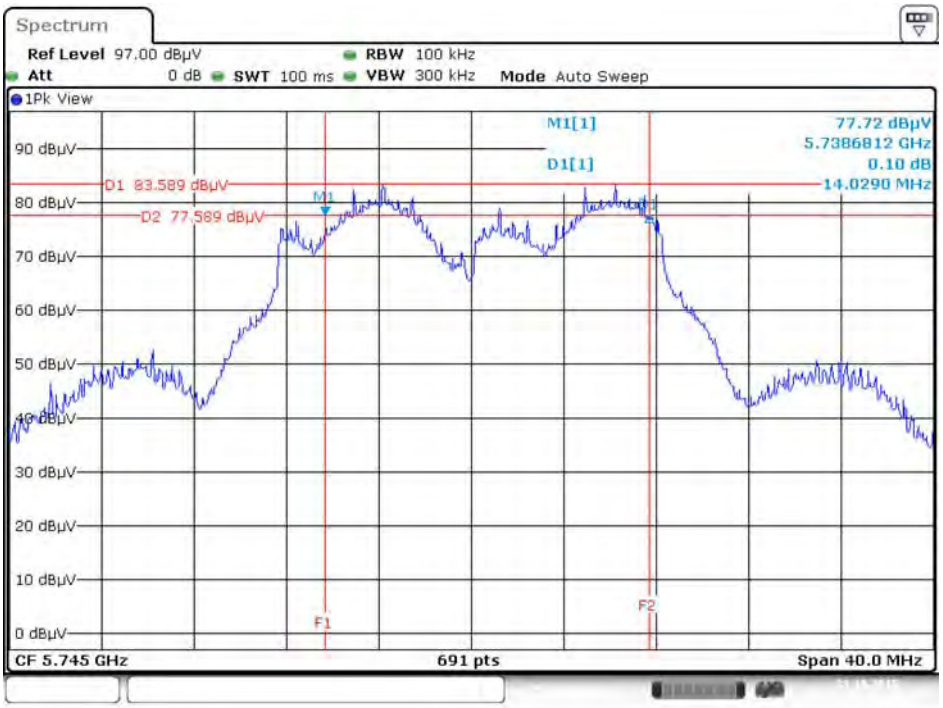
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz




Date: 20.OCT.2015 22:39:24

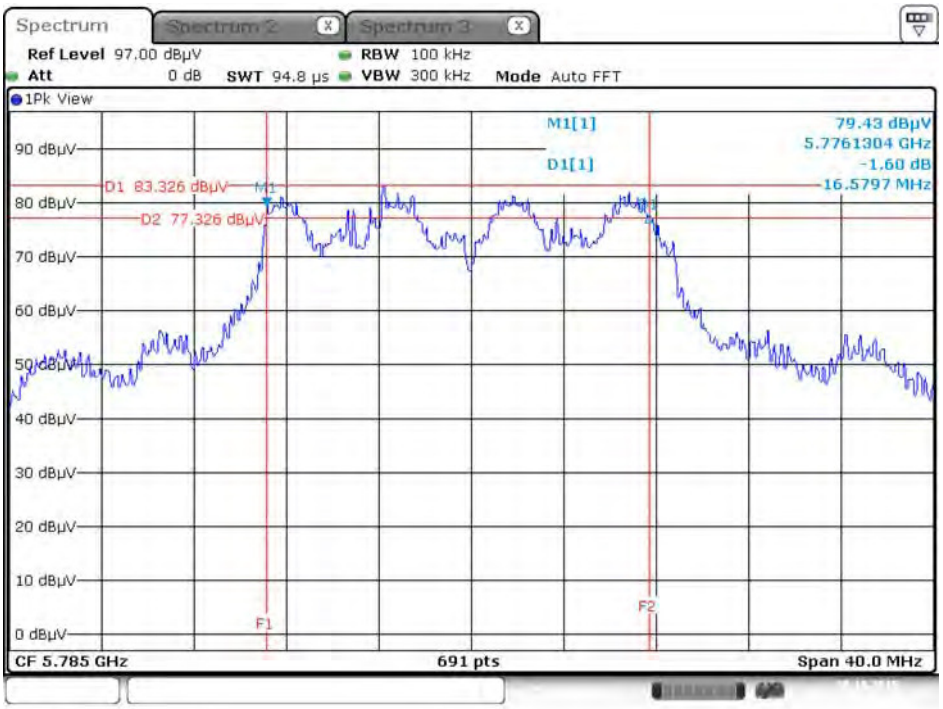
**Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



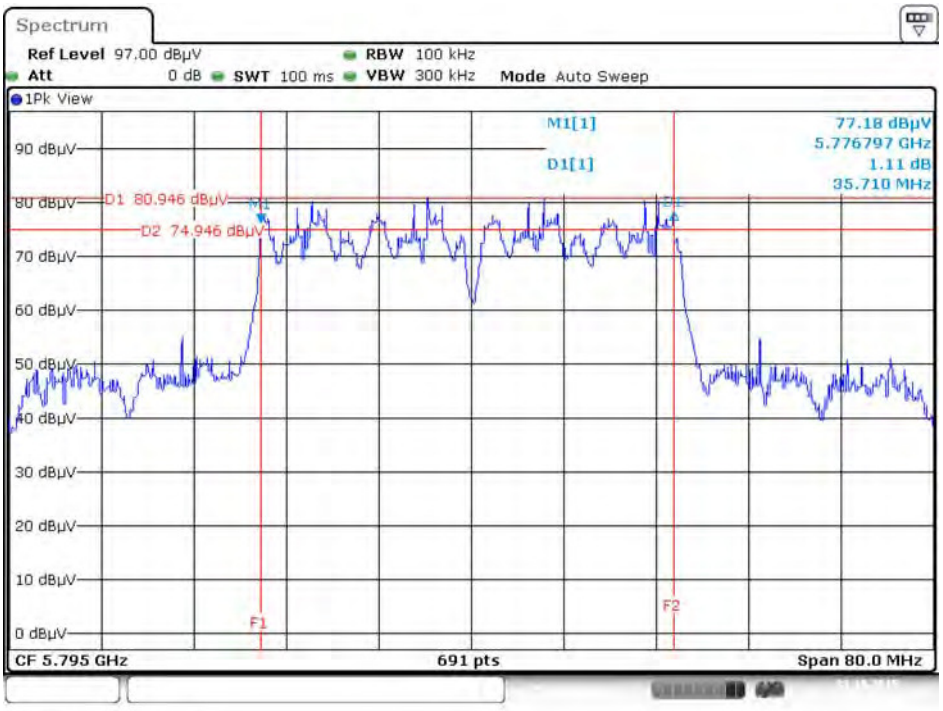

Date: 21.OCT.2015 00:53:08

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz**



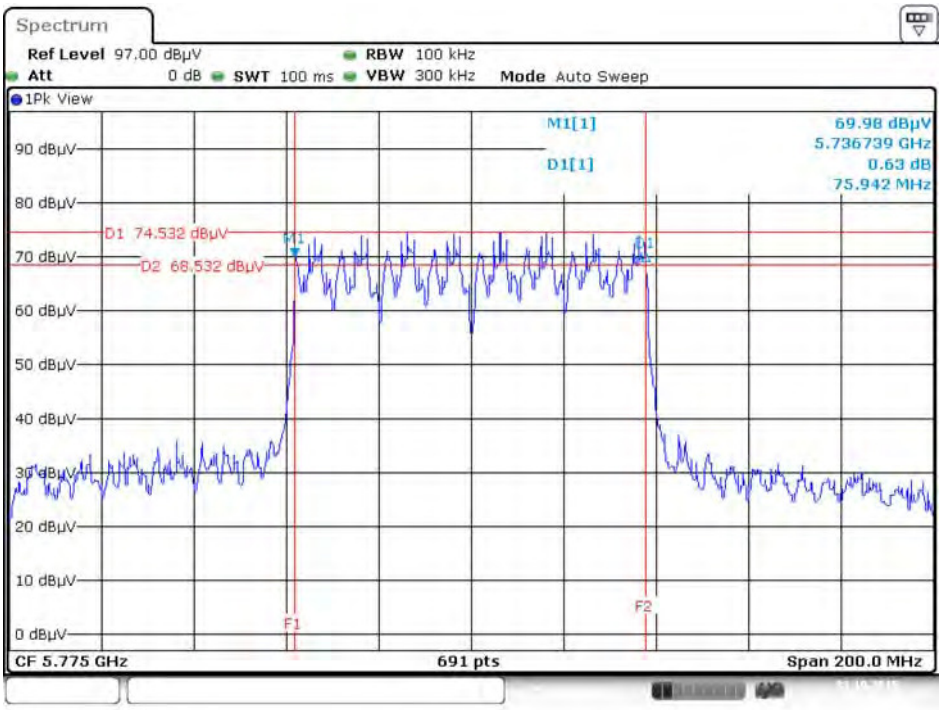

Date: 20.OCT.2015 11:30:20

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795 MHz**




Date: 21.OCT.2015 00:57:17

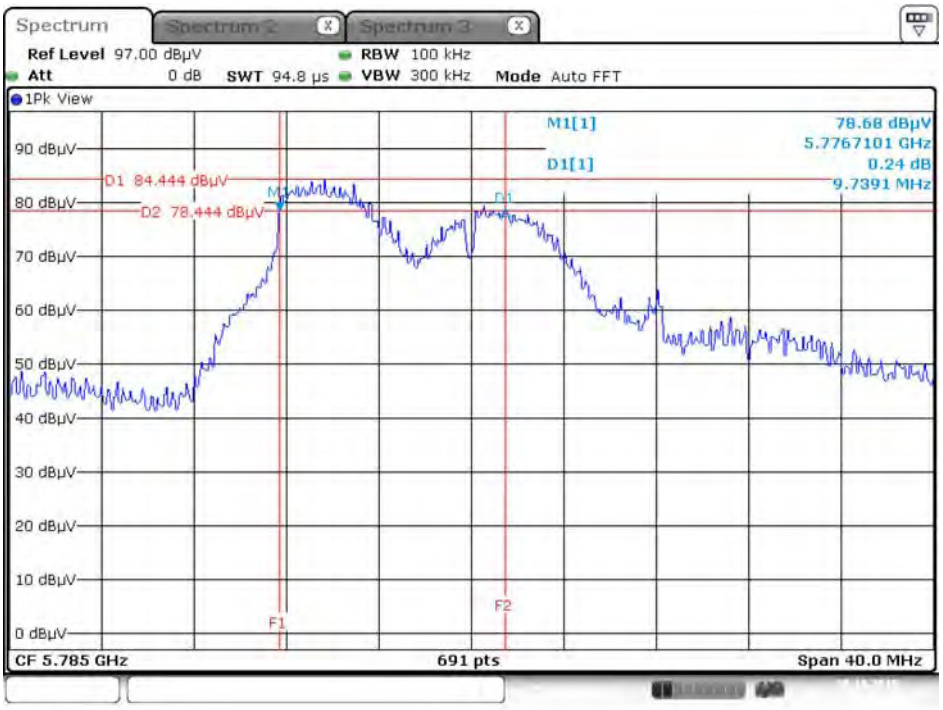
**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**




Date: 21.OCT.2015 00:58:15

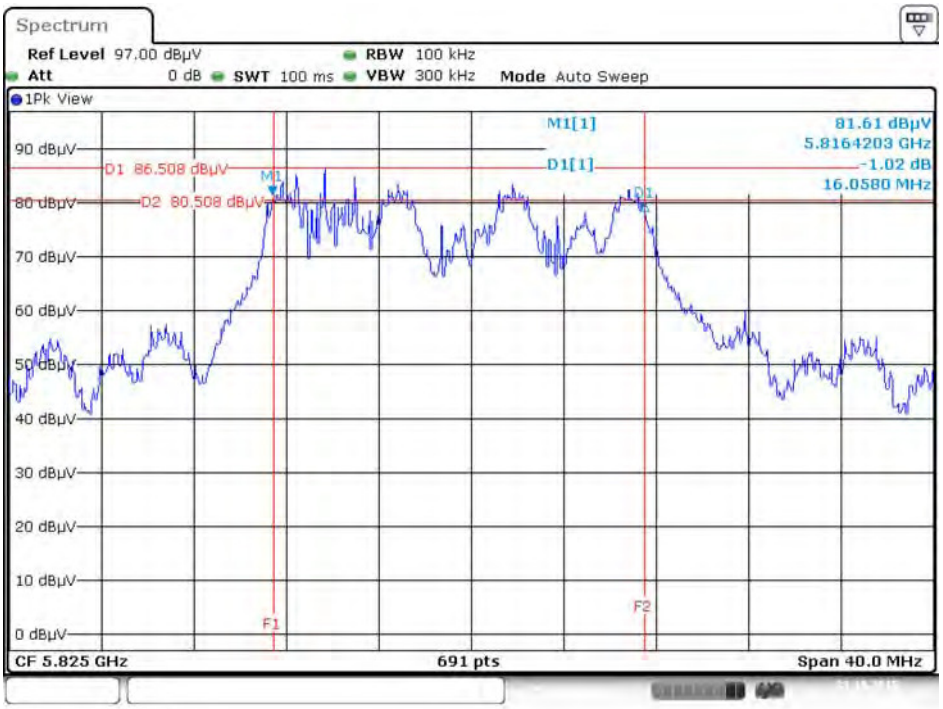
**Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



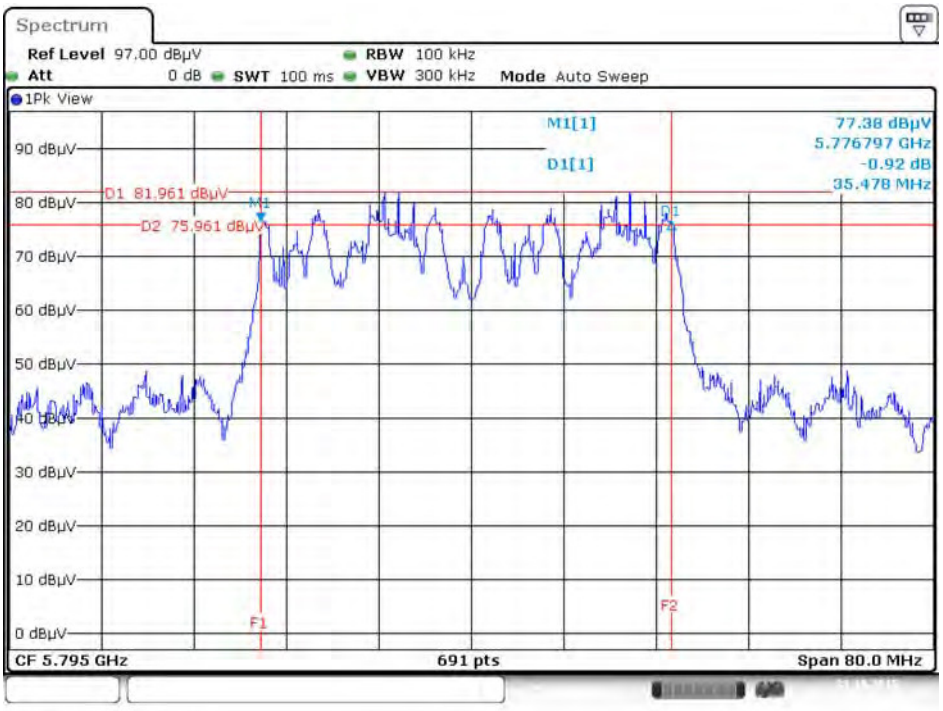

Date: 20.OCT.2015 11:53:43

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



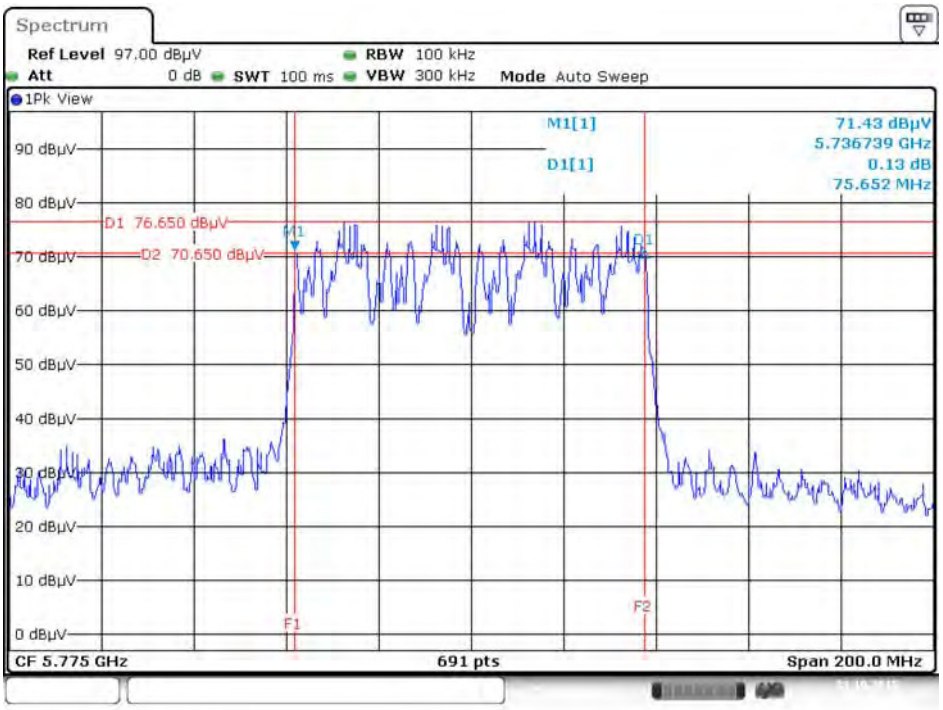

Date: 21.OCT.2015 01:04:08

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5795 MHz**




Date: 21.OCT.2015 01:05:02

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**

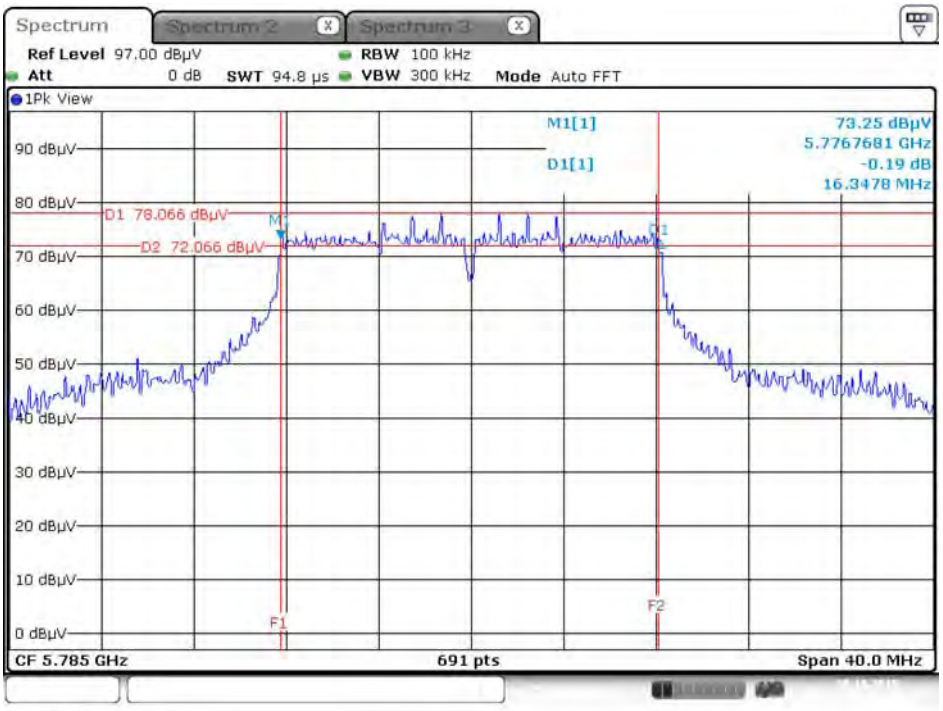



Date: 21.OCT.2015 01:07:49

**For indoor / outdoor use**

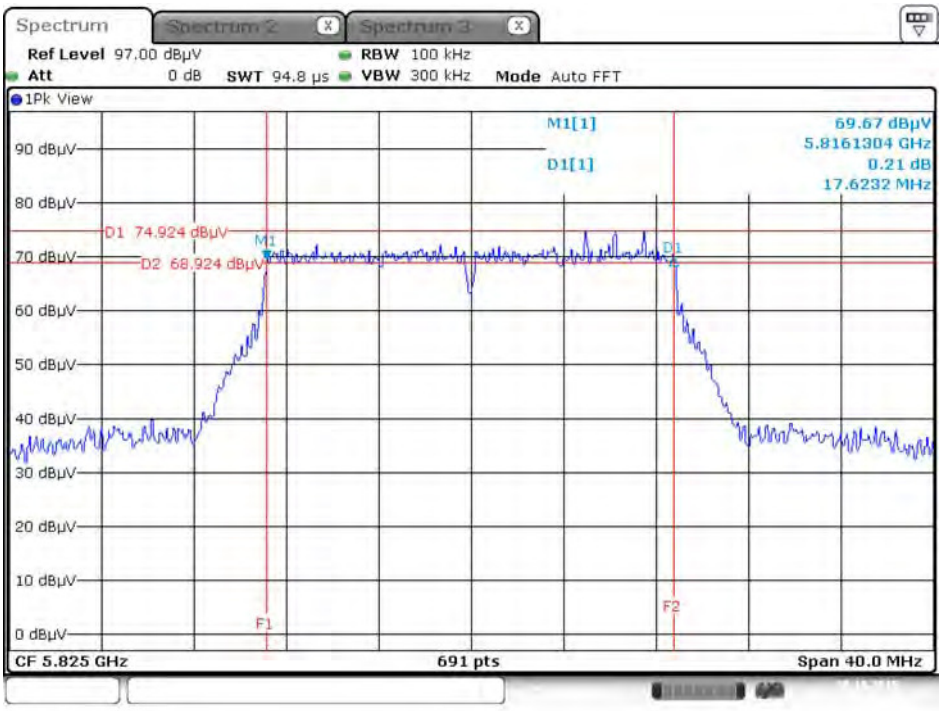
**Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5785 MHz**



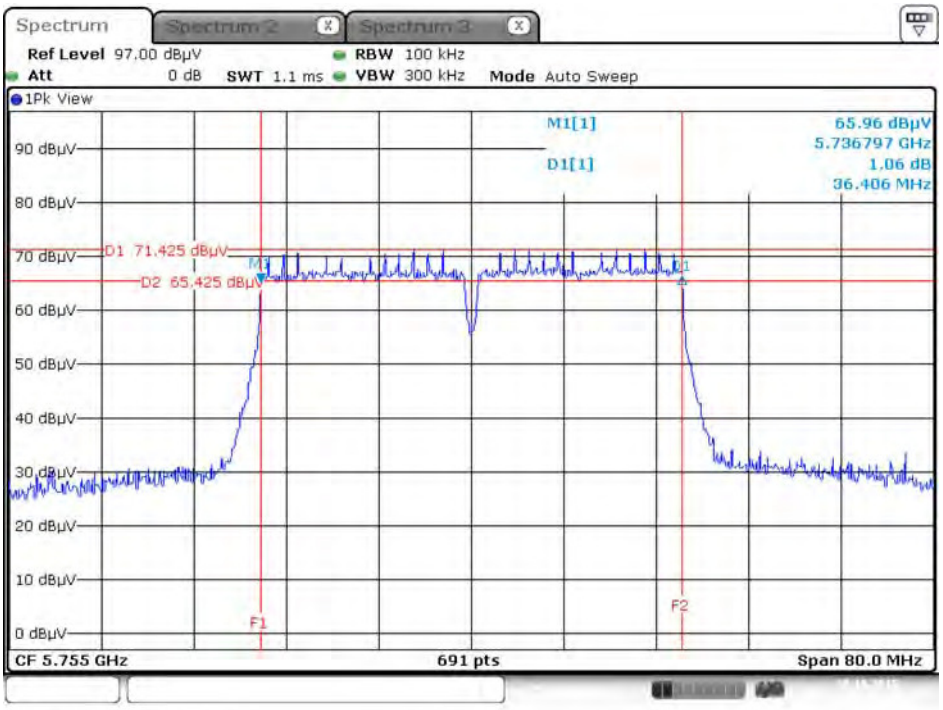

Date: 20.OCT.2015 10:25:44

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5825 MHz**



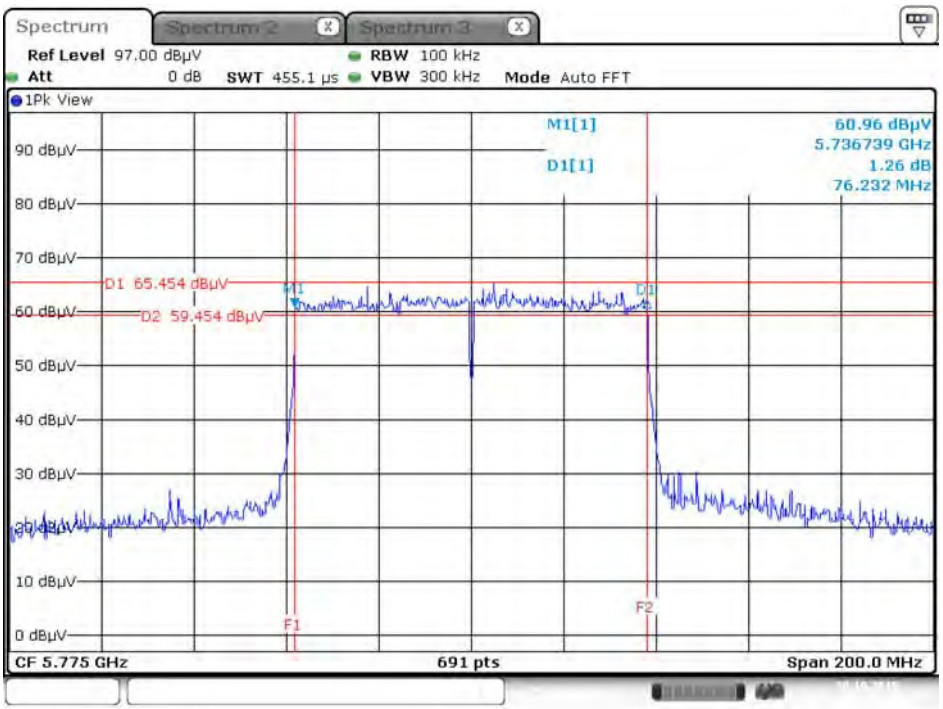

Date: 20.OCT.2015 10:36:24

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz




Date: 20.OCT.2015 10:43:48

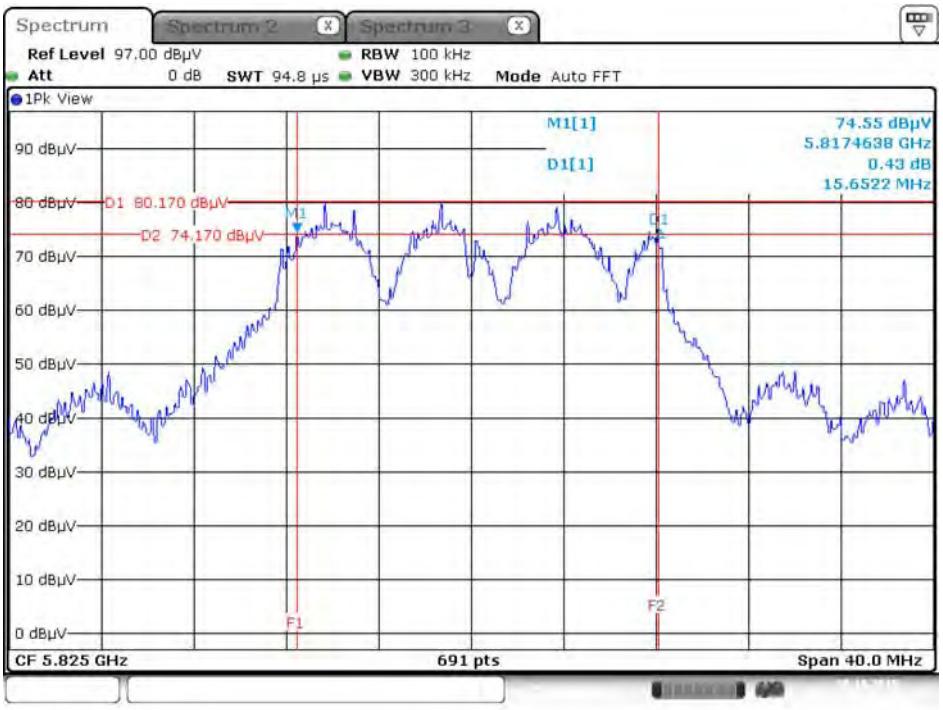
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz




Date: 20.OCT.2015 10:46:51

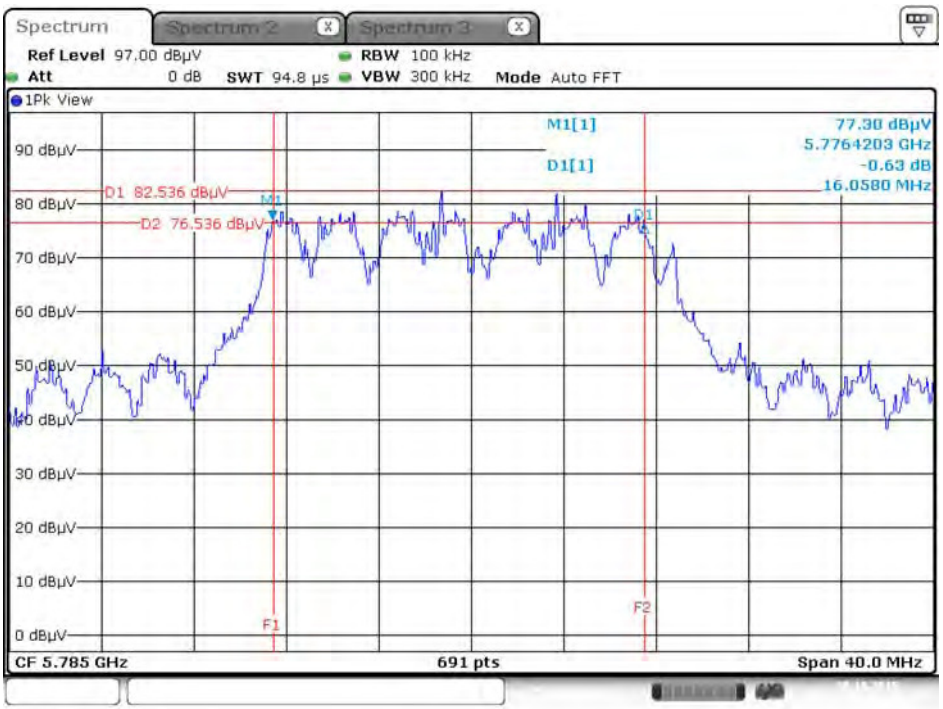
**Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz**



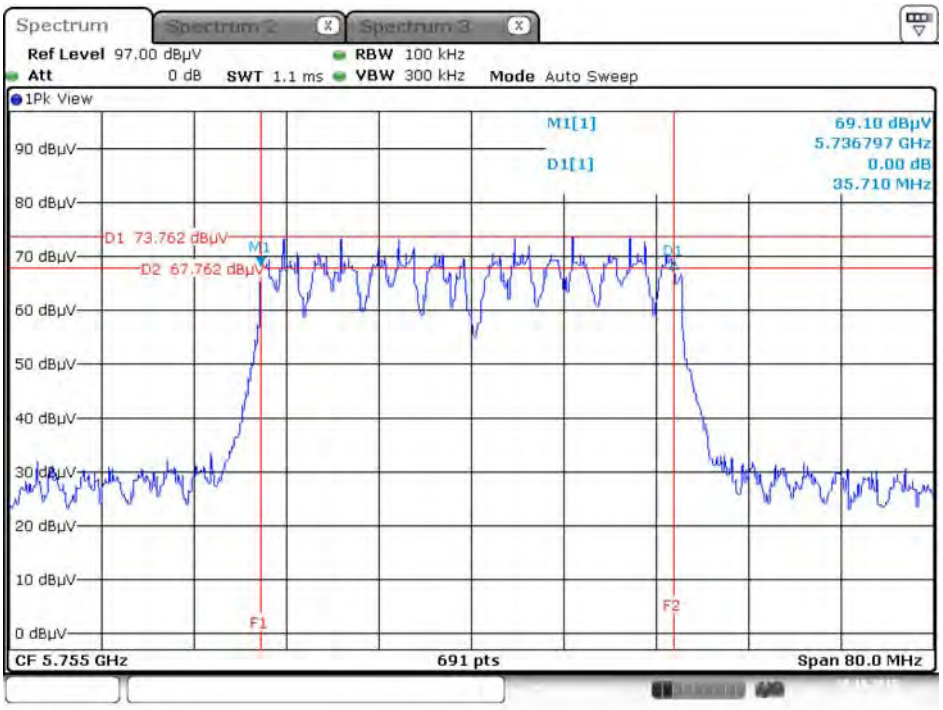

Date: 20.OCT.2015 11:15:01

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz**



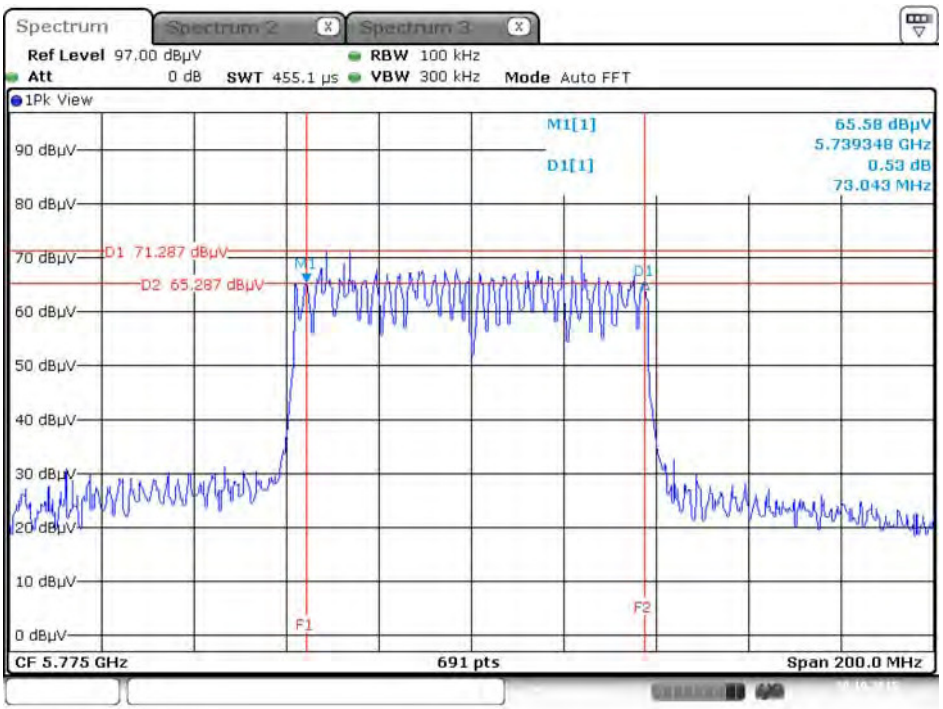

Date: 20.OCT.2015 11:12:52

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755MHz




Date: 20.OCT.2015 11:10:41

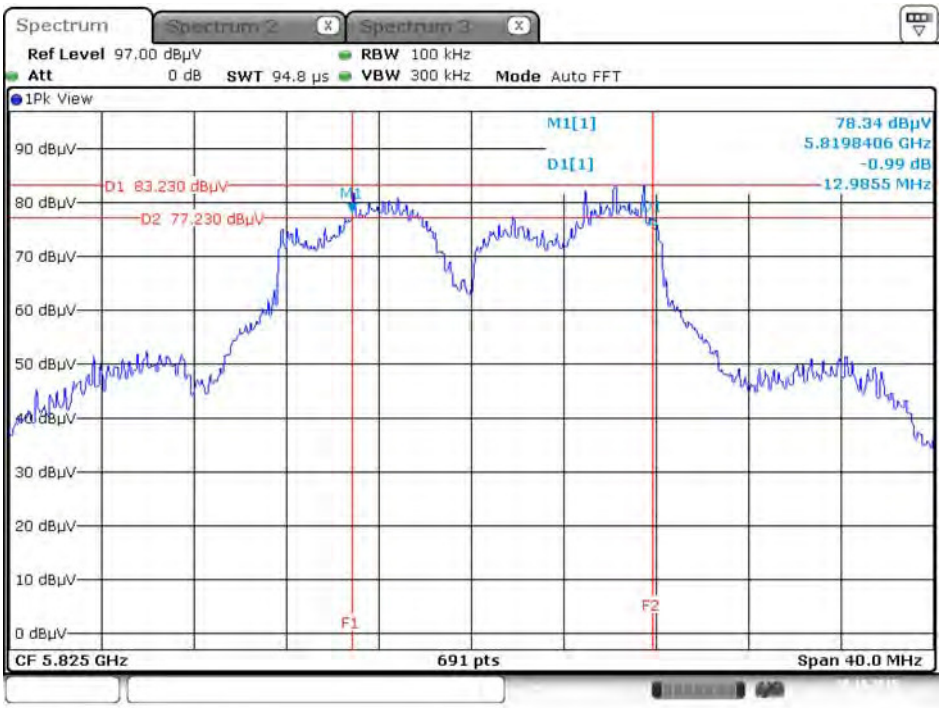
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz




Date: 20.OCT.2015 11:10:06

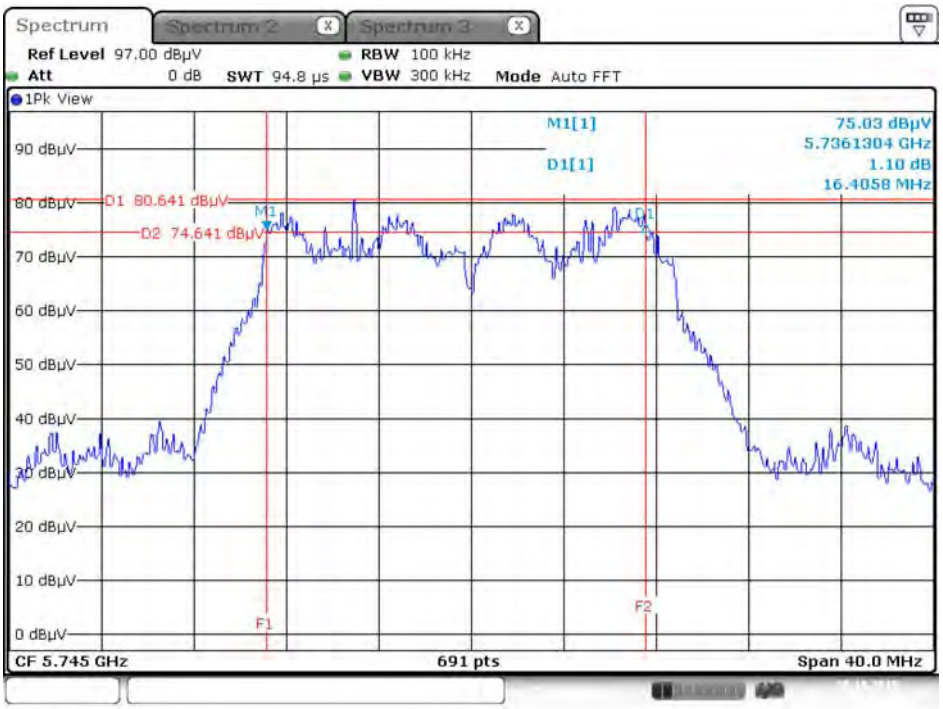
**Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5825 MHz**



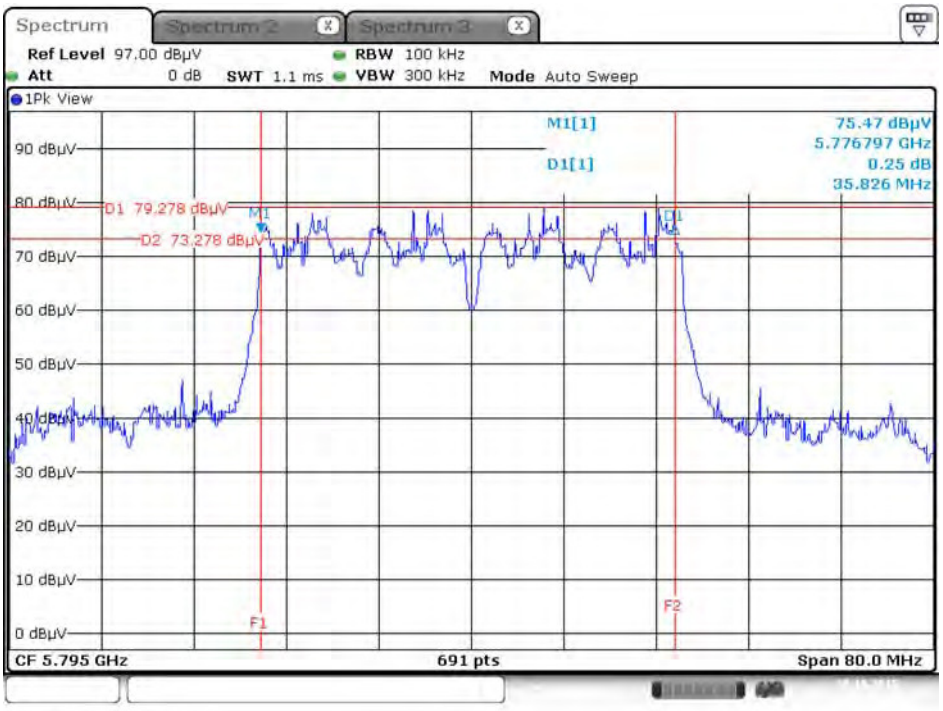

Date: 20.OCT.2015 11:32:16

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



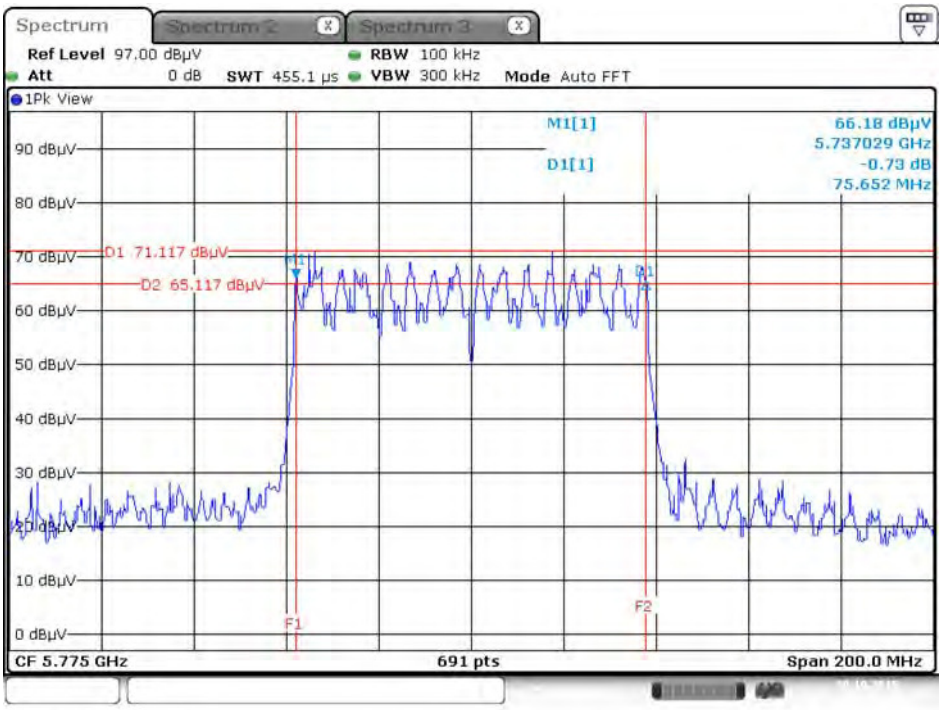

Date: 20.OCT.2015 11:29:53

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795MHz**




Date: 20.OCT.2015 11:29:13

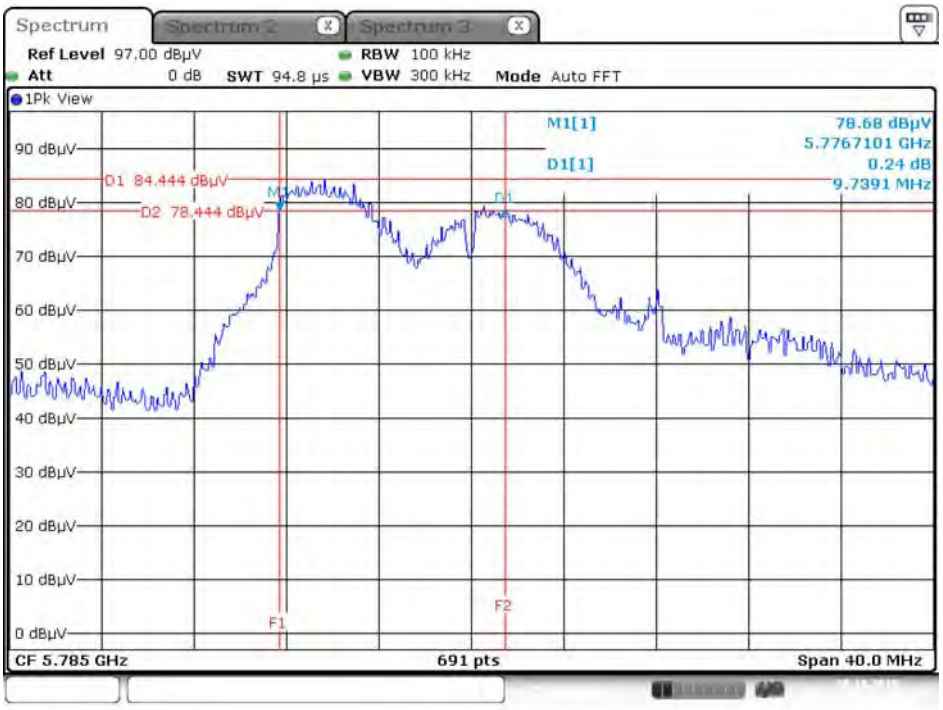
**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**




Date: 20.OCT.2015 11:27:51

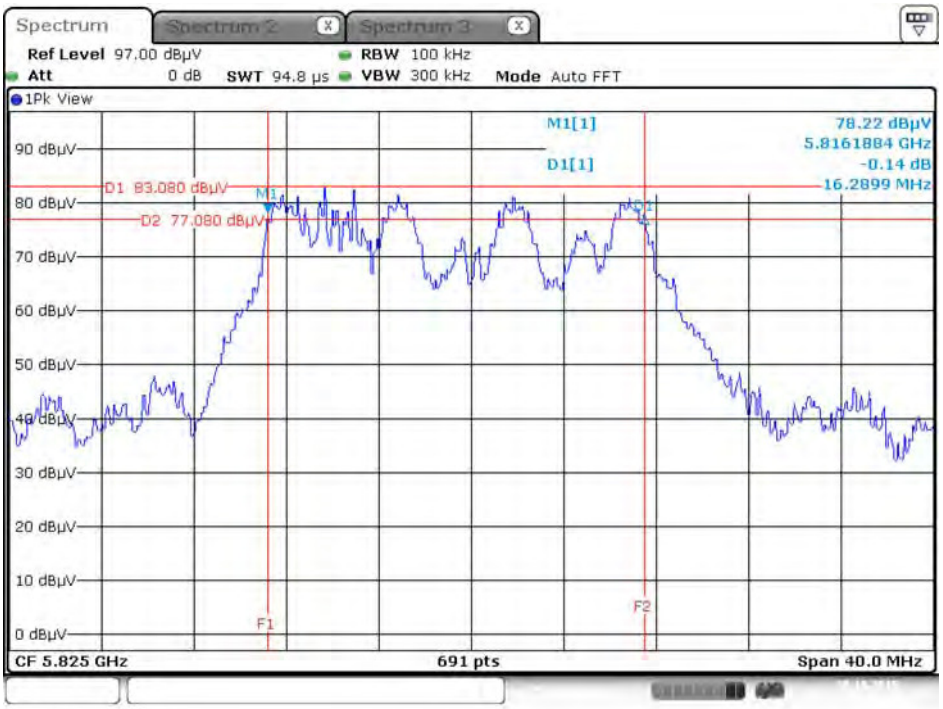
**Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



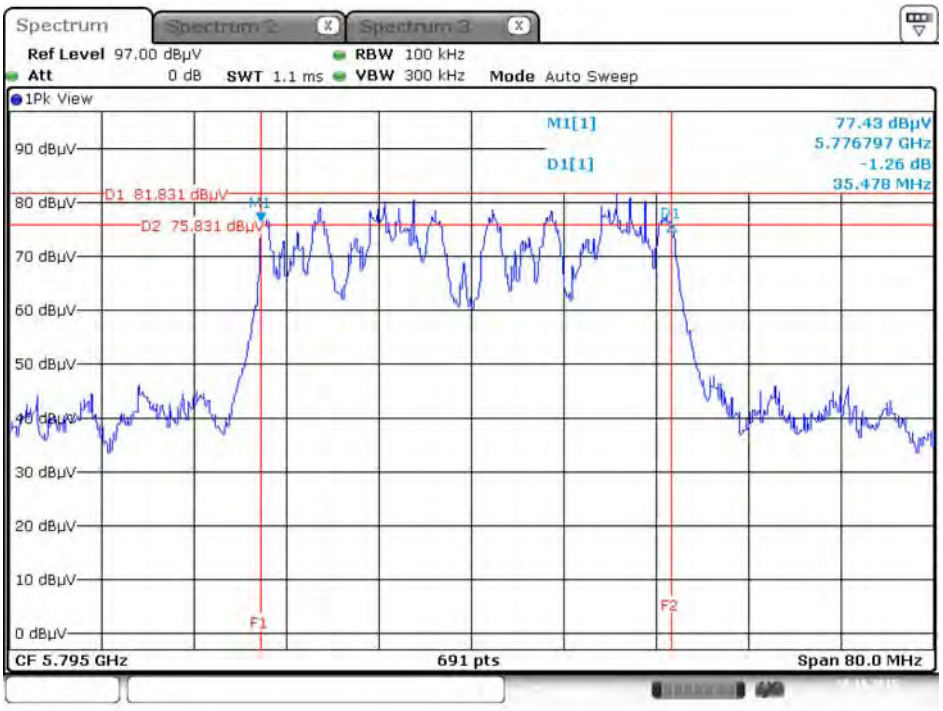

Date: 20.OCT.2015 11:53:43

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



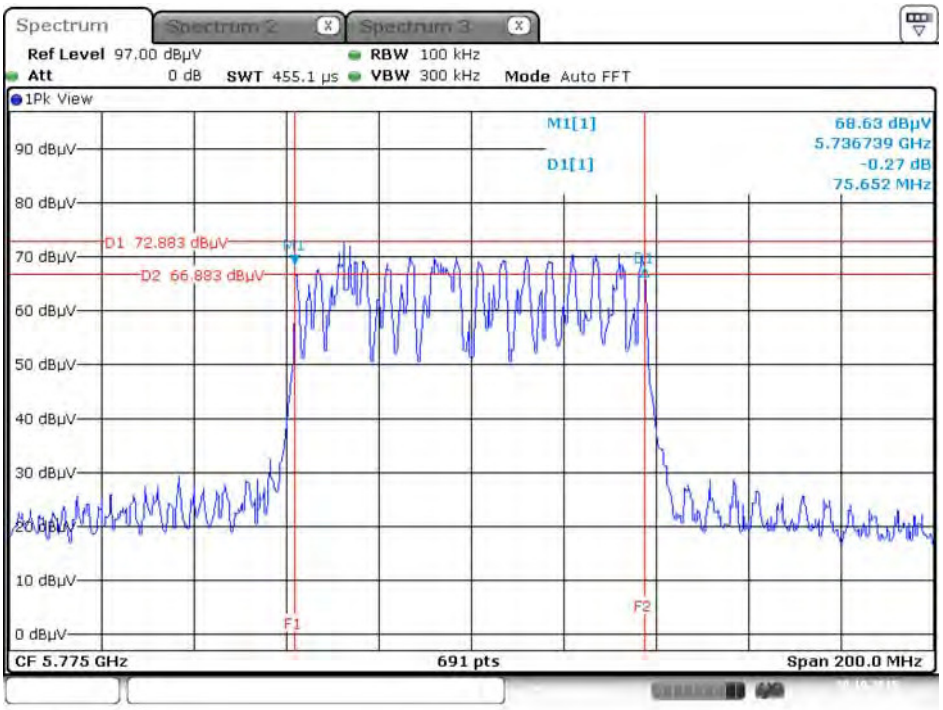

Date: 20.OCT.2015 11:52:11

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5795 MHz**




Date: 20.OCT.2015 11:48:39

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**

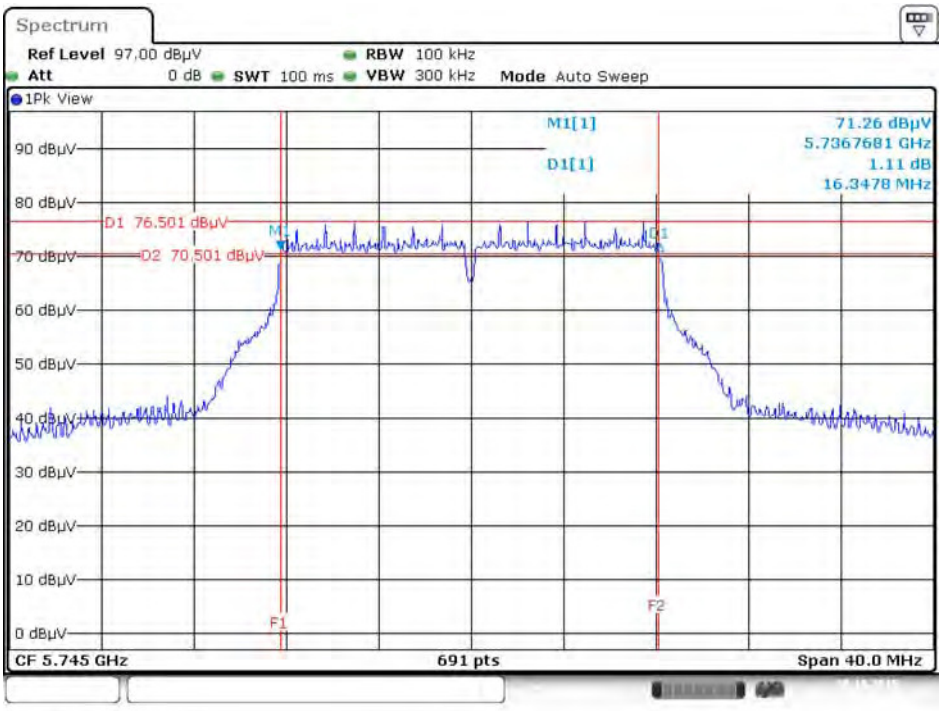



Date: 20.OCT.2015 11:45:08

**For indoor / outdoor use**

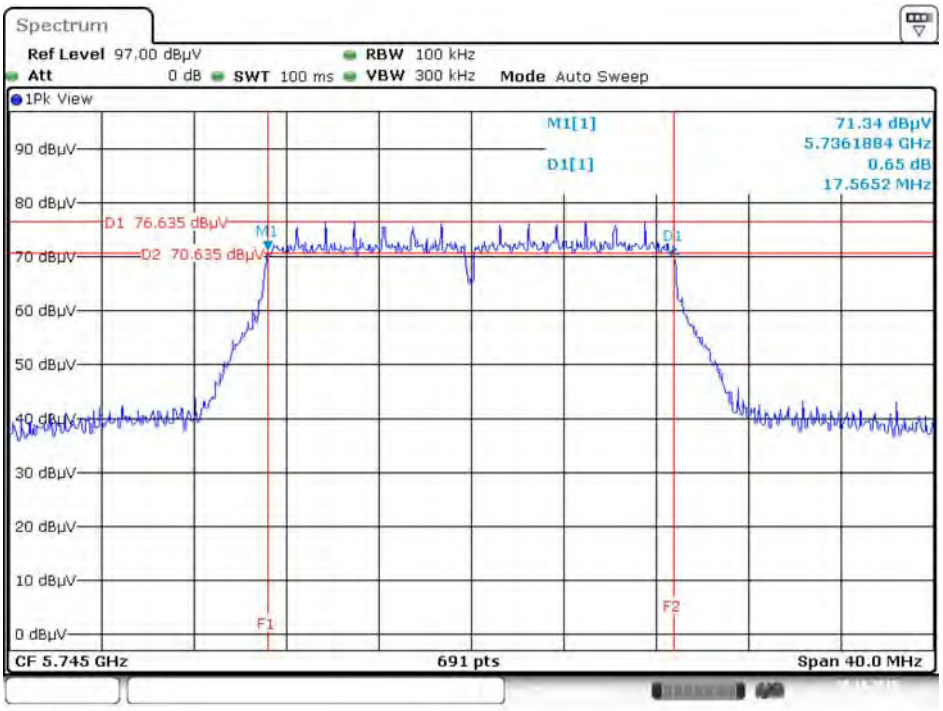
**Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz**



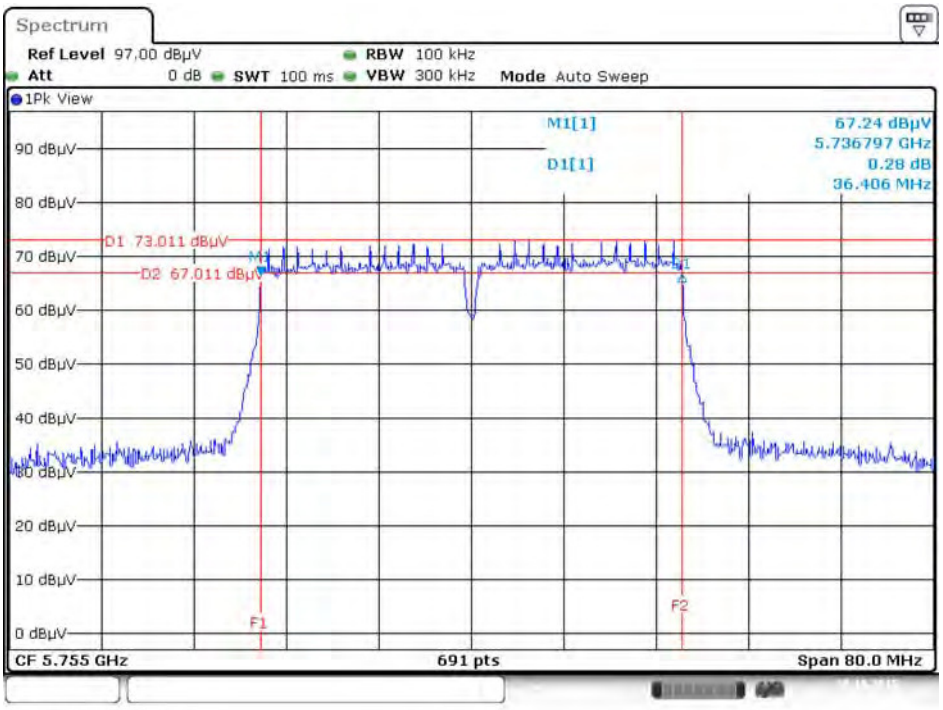

Date: 20.OCT.2015 22:13:11

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5745 MHz**



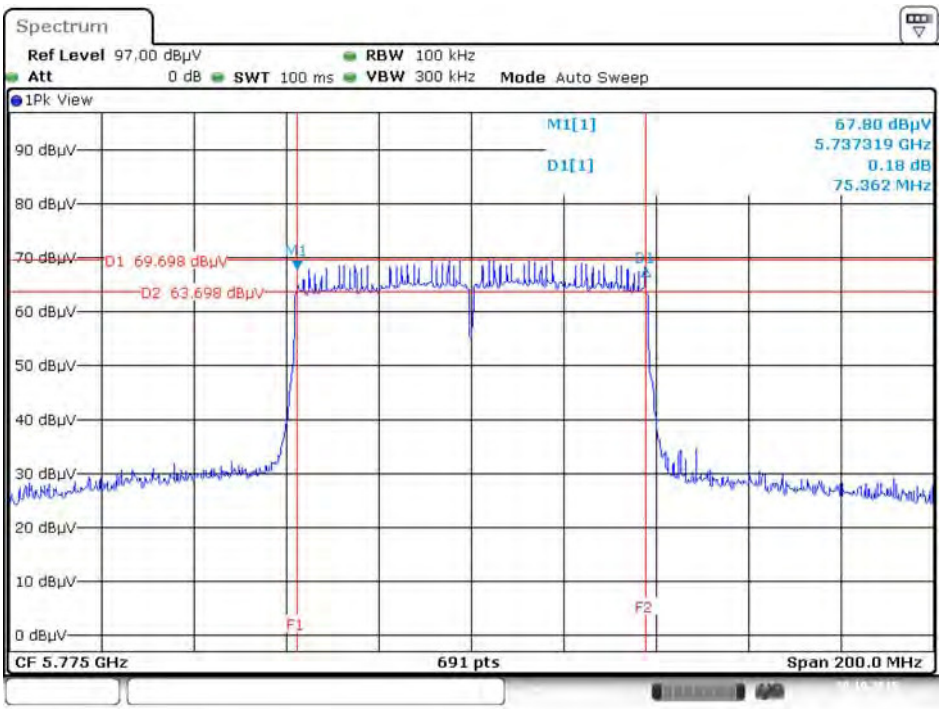

Date: 20.OCT.2015 22:14:15

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz




Date: 20.OCT.2015 22:19:04

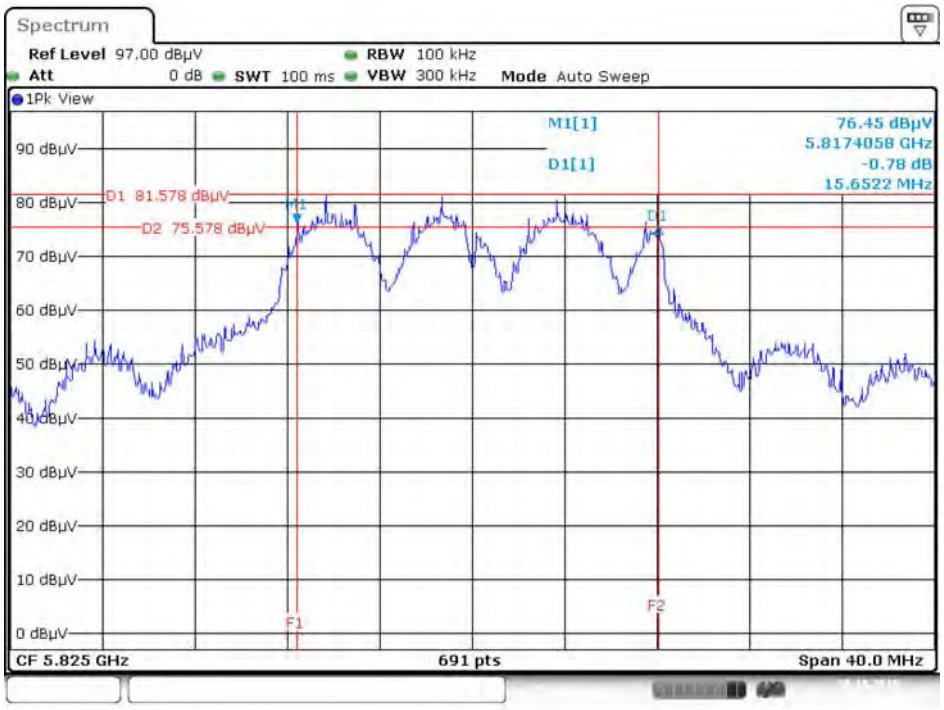
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz




Date: 20.OCT.2015 22:20:27

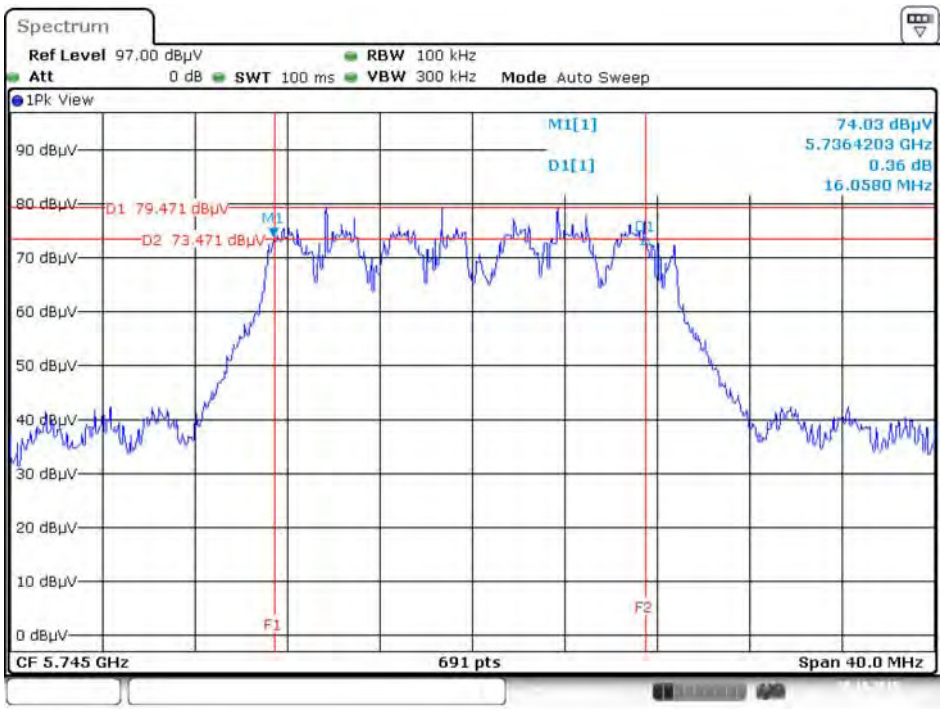
**Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz**



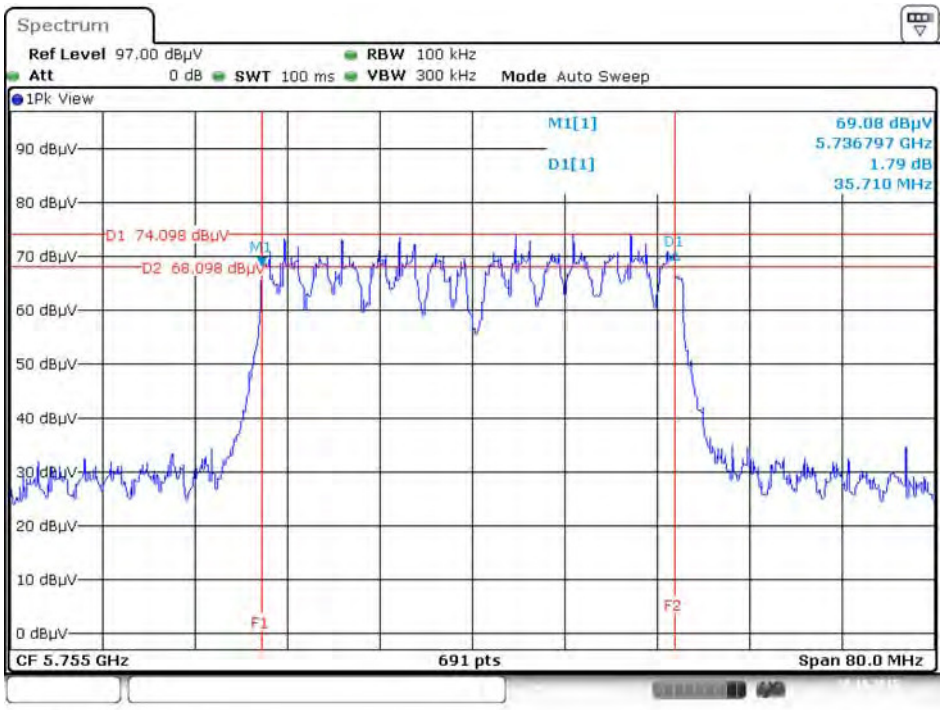

Date: 20.OCT.2015 22:26:49

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5745 MHz**



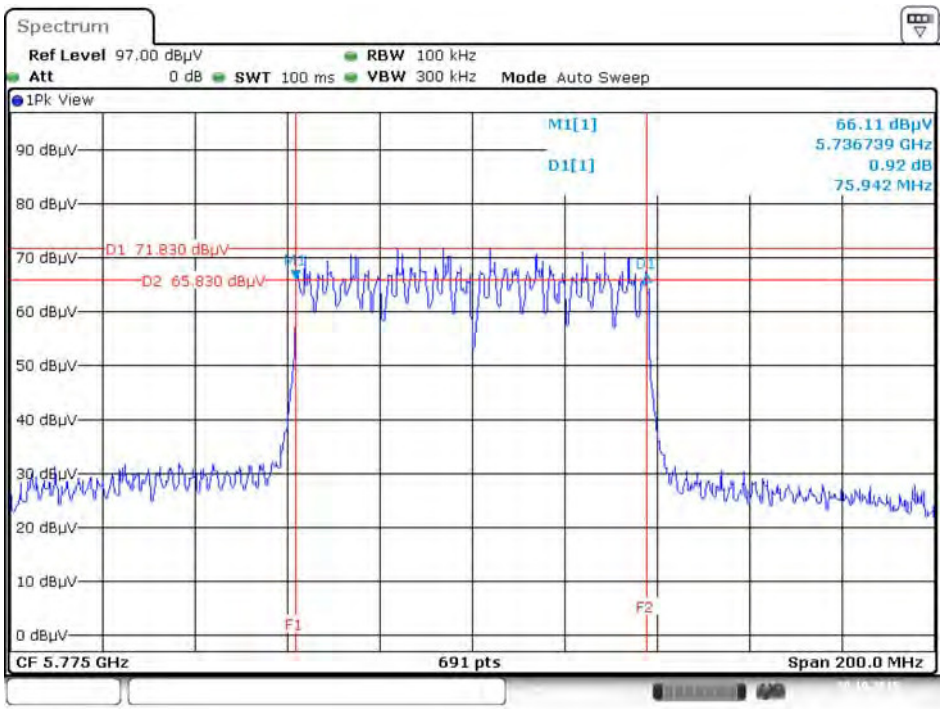

Date: 20.OCT.2015 22:29:49

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755MHz




Date: 20.OCT.2015 22:34:32

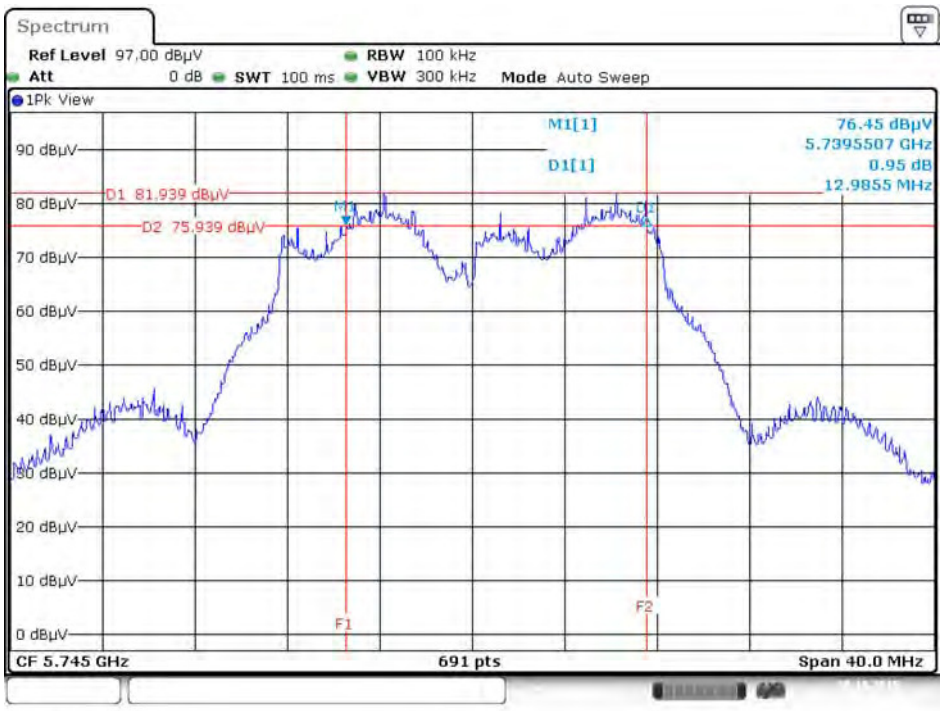
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz




Date: 20.OCT.2015 22:39:24

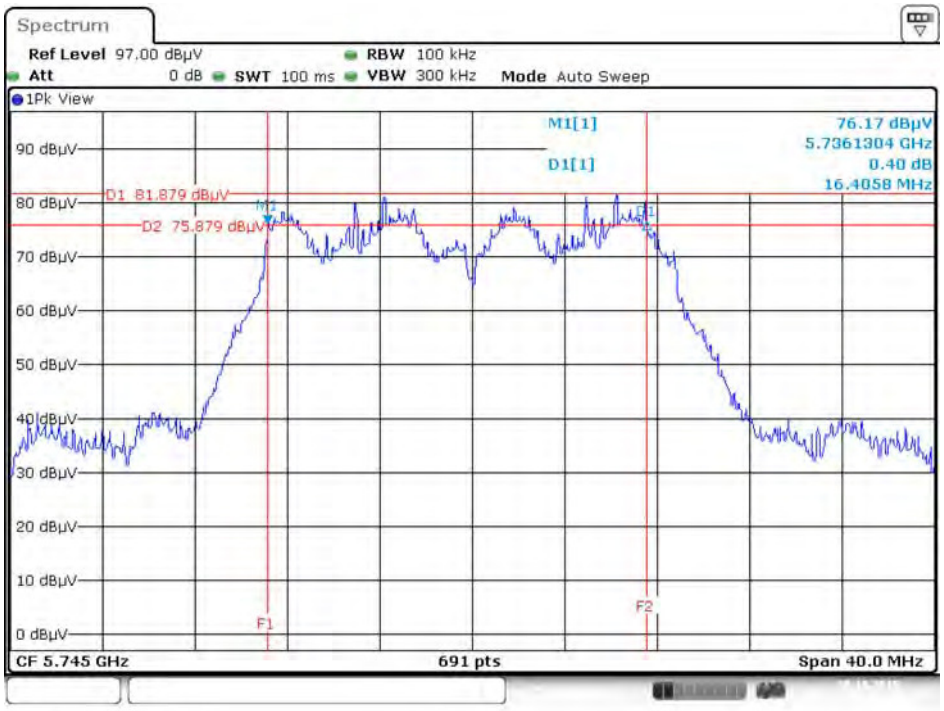
**Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



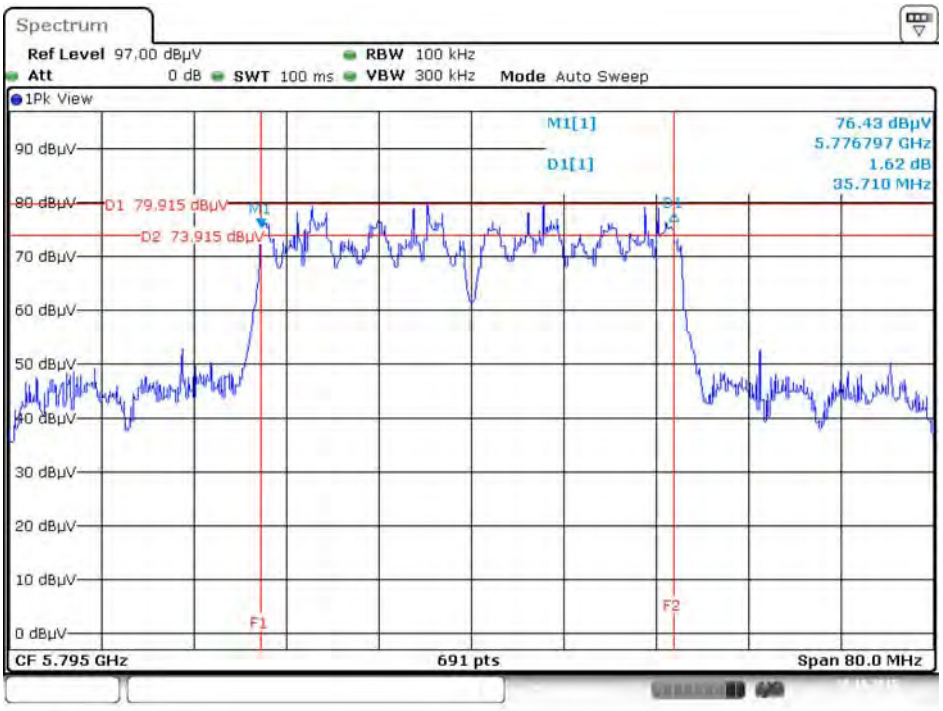

Date: 20.OCT.2015 22:41:03

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



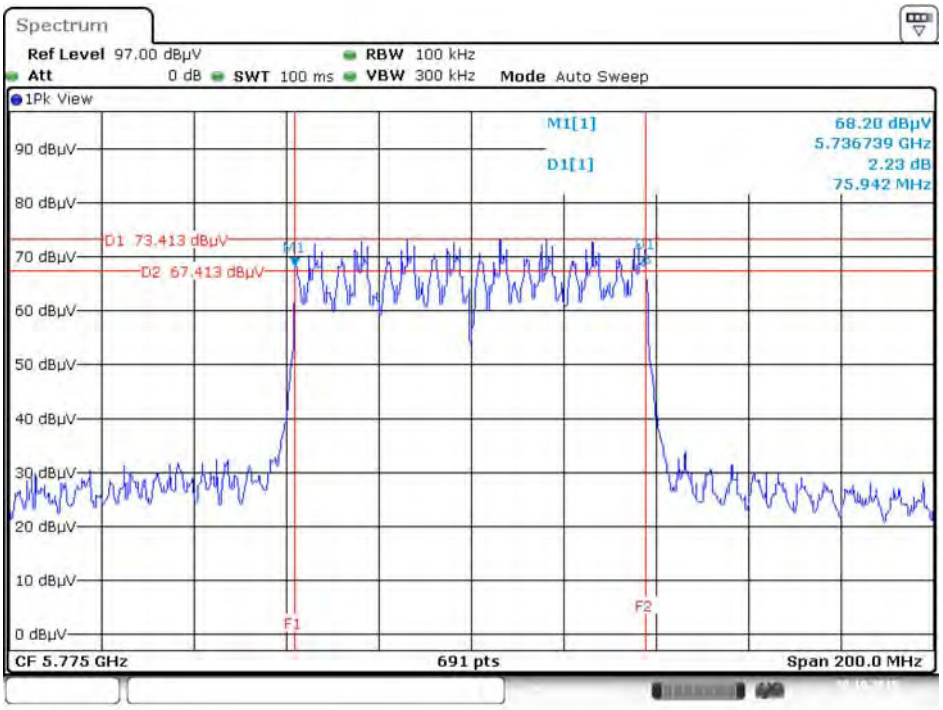

Date: 20.OCT.2015 22:43:50

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795 MHz**




Date: 20.OCT.2015 22:44:54

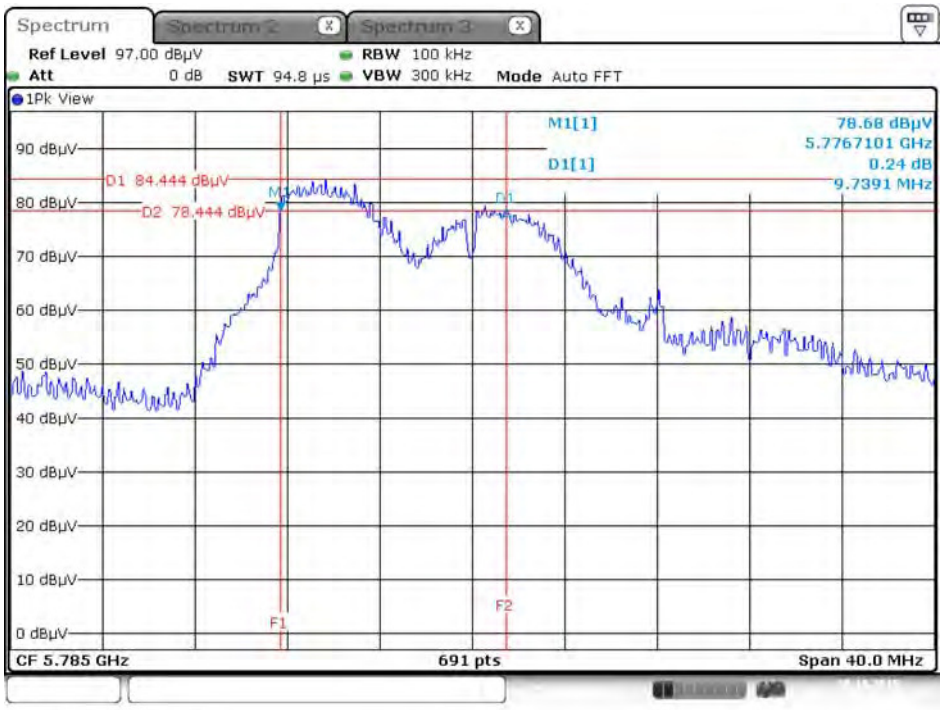
**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**




Date: 20.OCT.2015 22:50:08

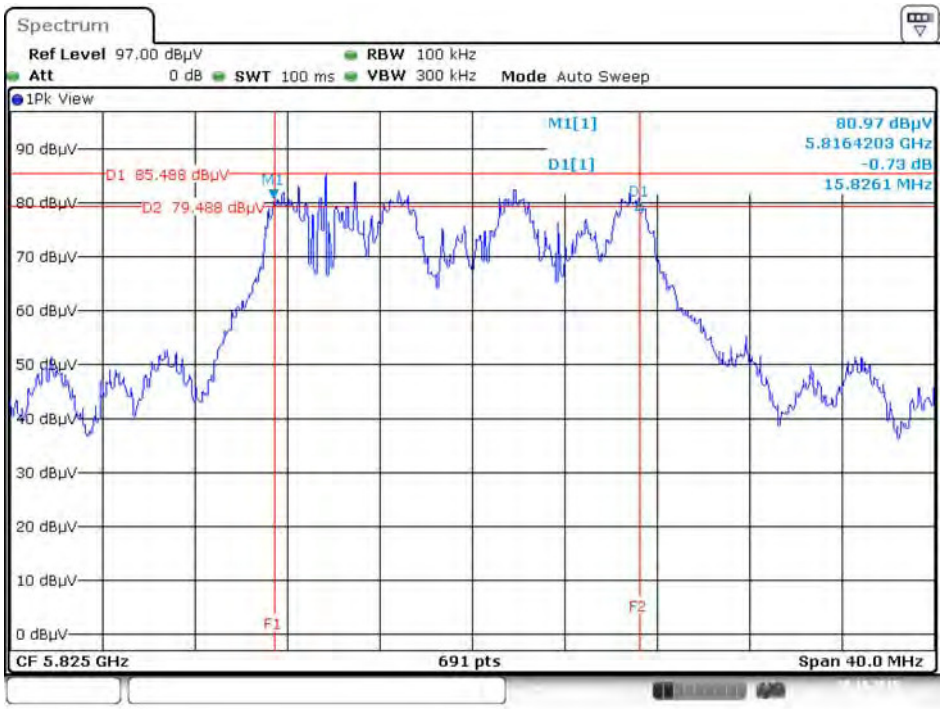
**Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



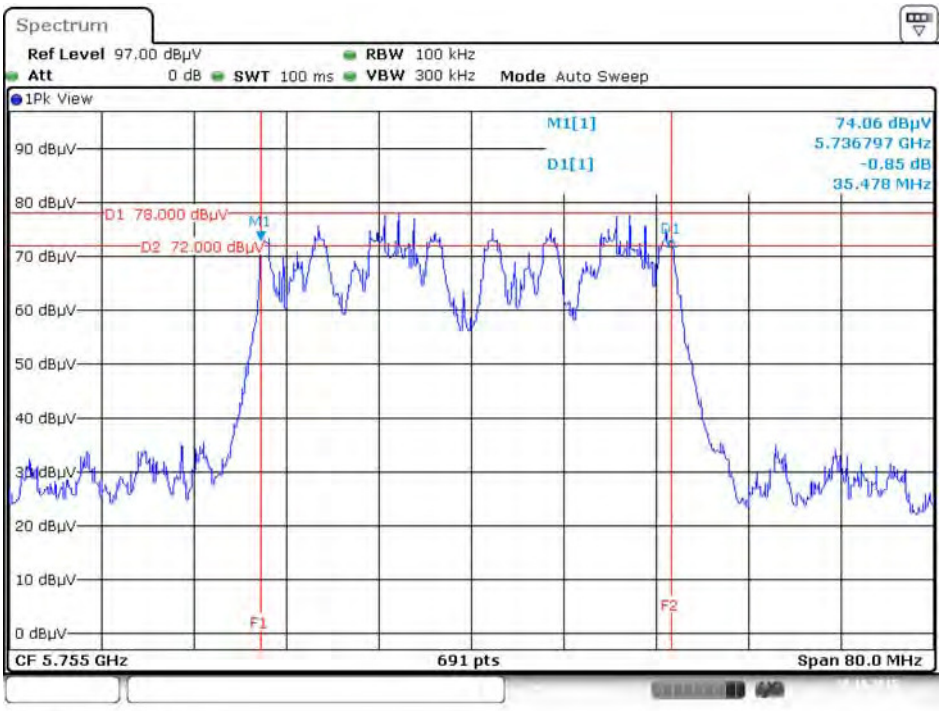

Date: 20.OCT.2015 11:53:43

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



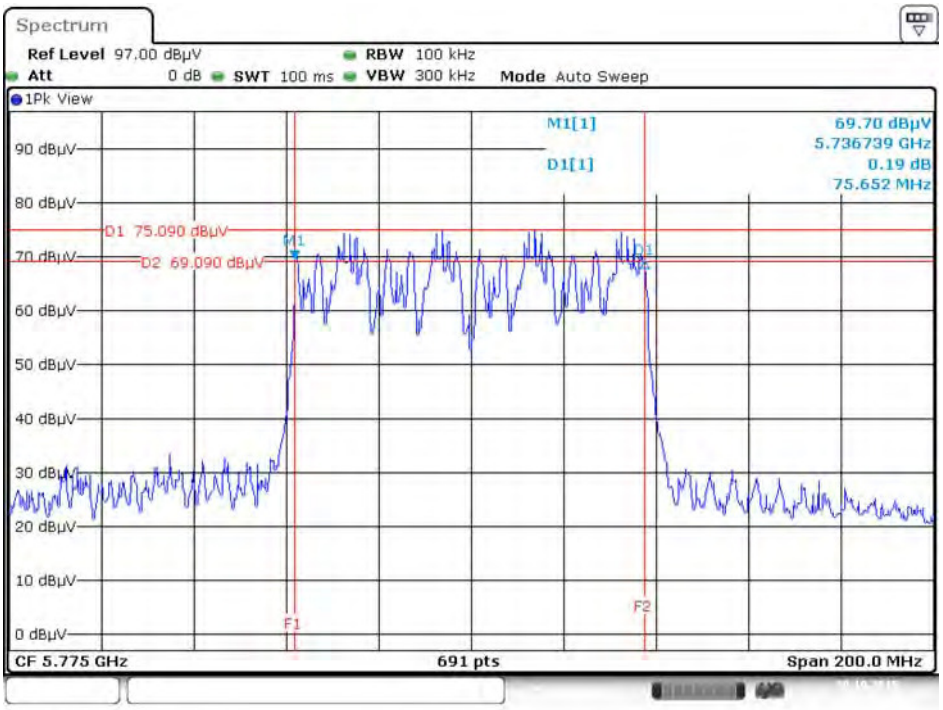

Date: 20.OCT.2015 22:59:54

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz**




Date: 20.OCT.2015 23:01:15

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**

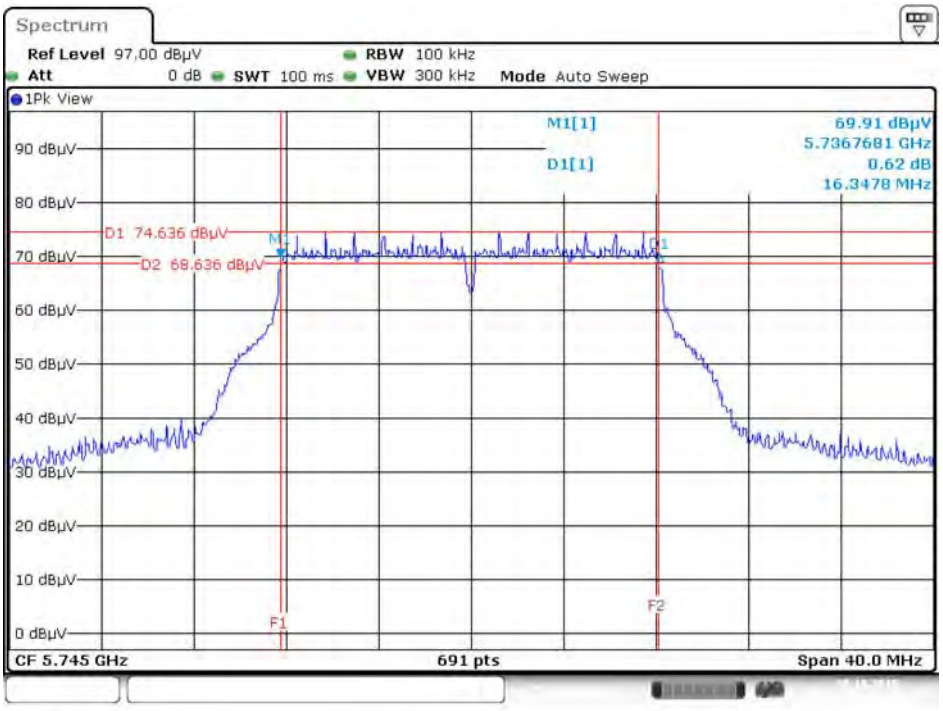



Date: 20.OCT.2015 23:06:26

**For indoor use**

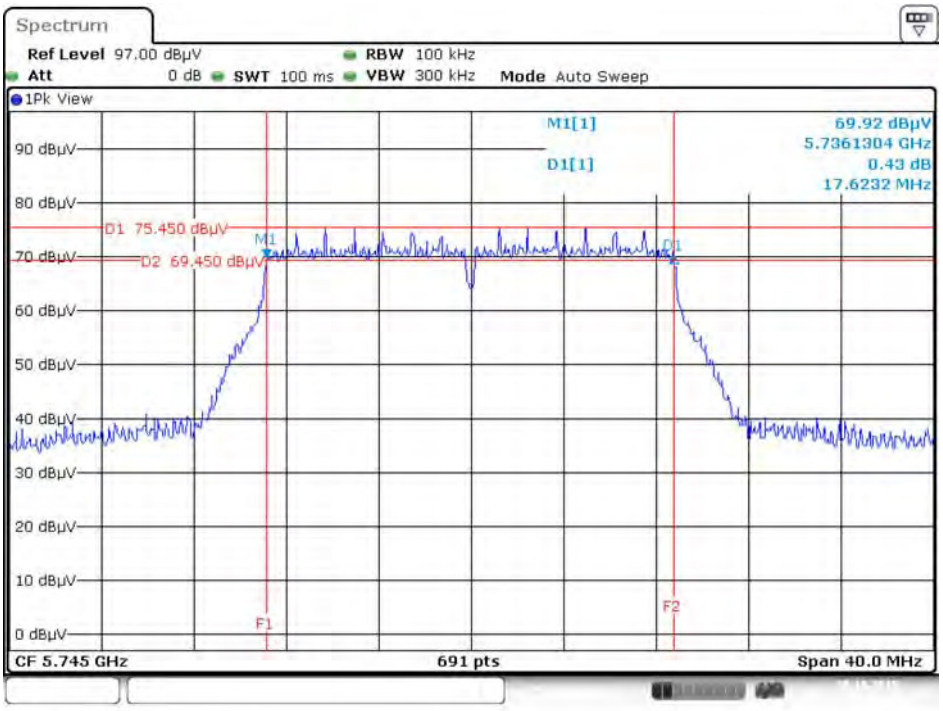
**Mode 5 (Set 8 Patch antenna / 3.26dBi / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz**



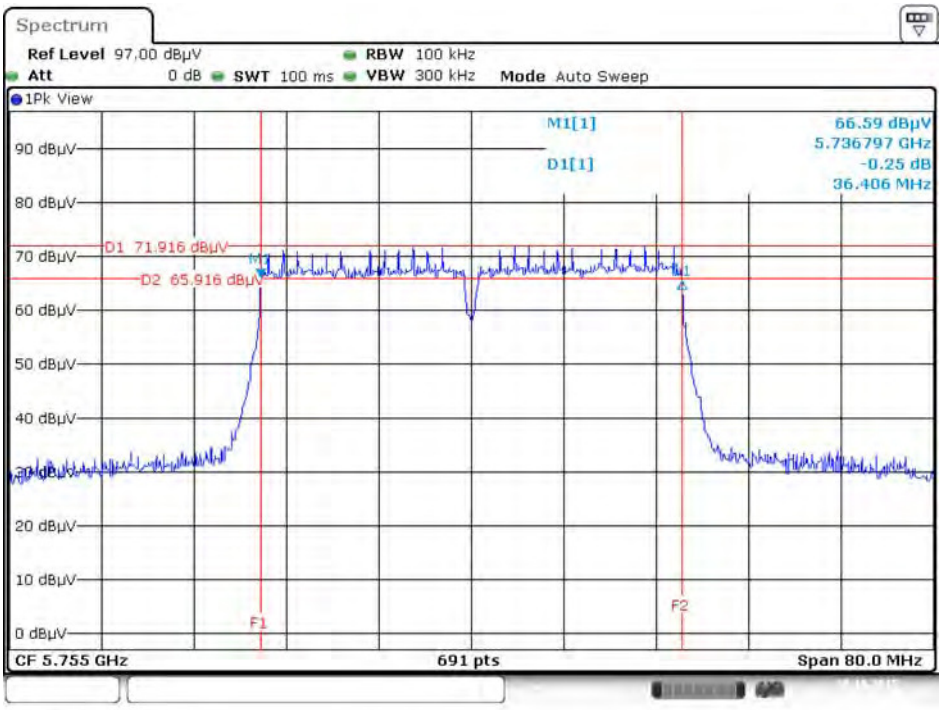

Date: 20.OCT.2015 19:29:36

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5745 MHz**



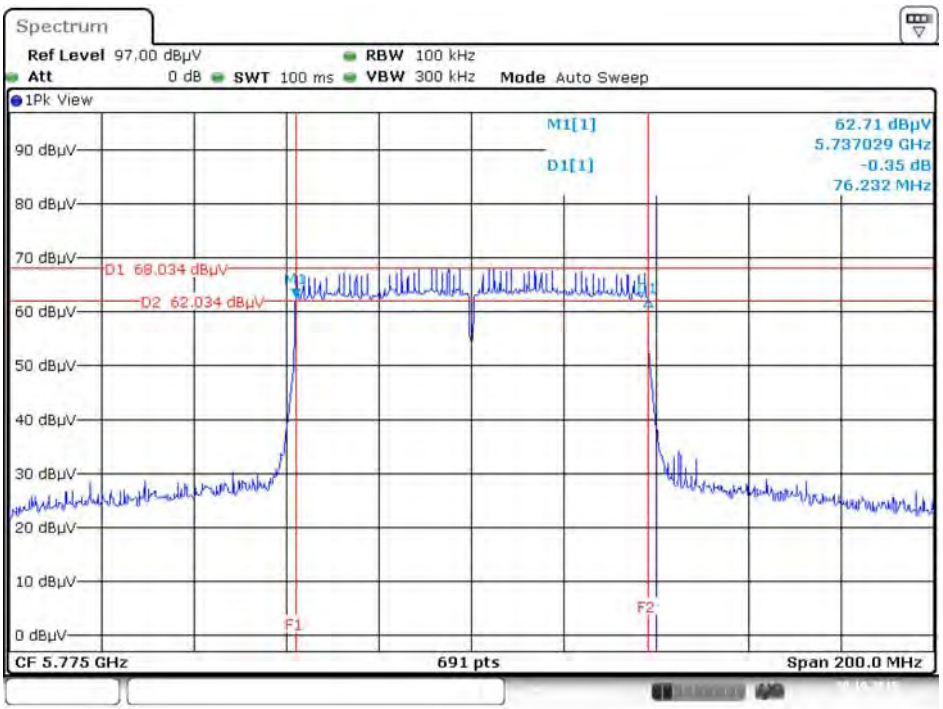

Date: 20.OCT.2015 19:32:32

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz




Date: 20.OCT.2015 19:44:05

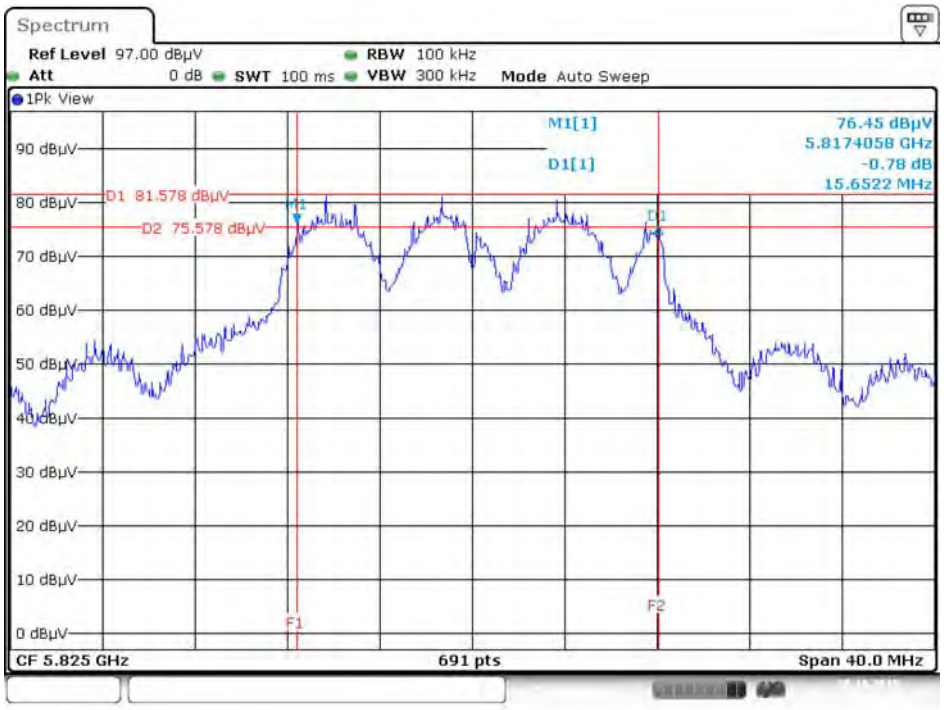
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz




Date: 20.OCT.2015 19:49:12

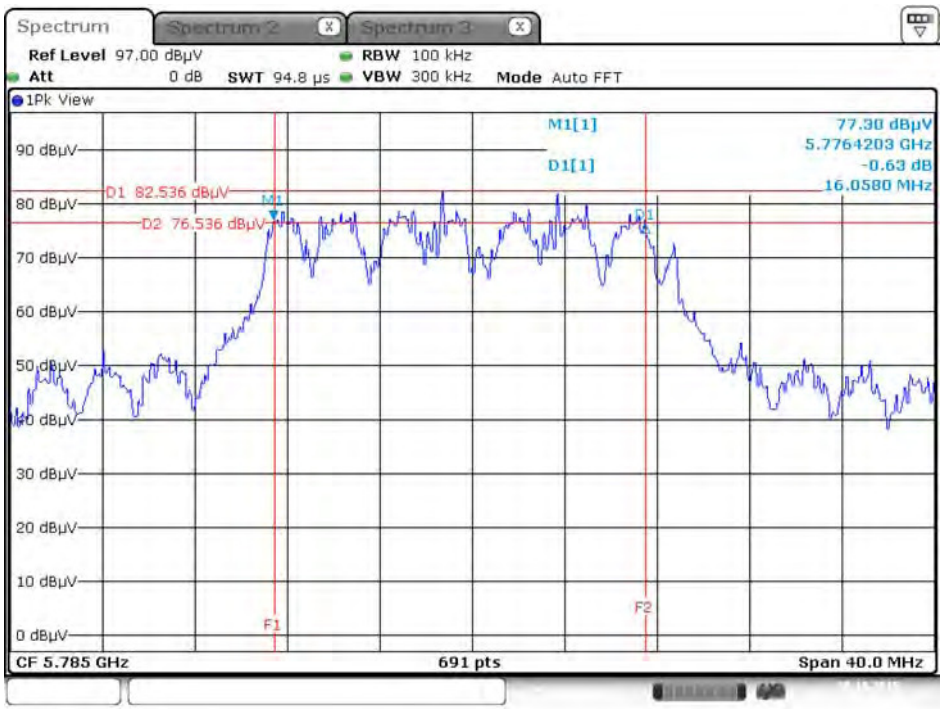
**Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz**



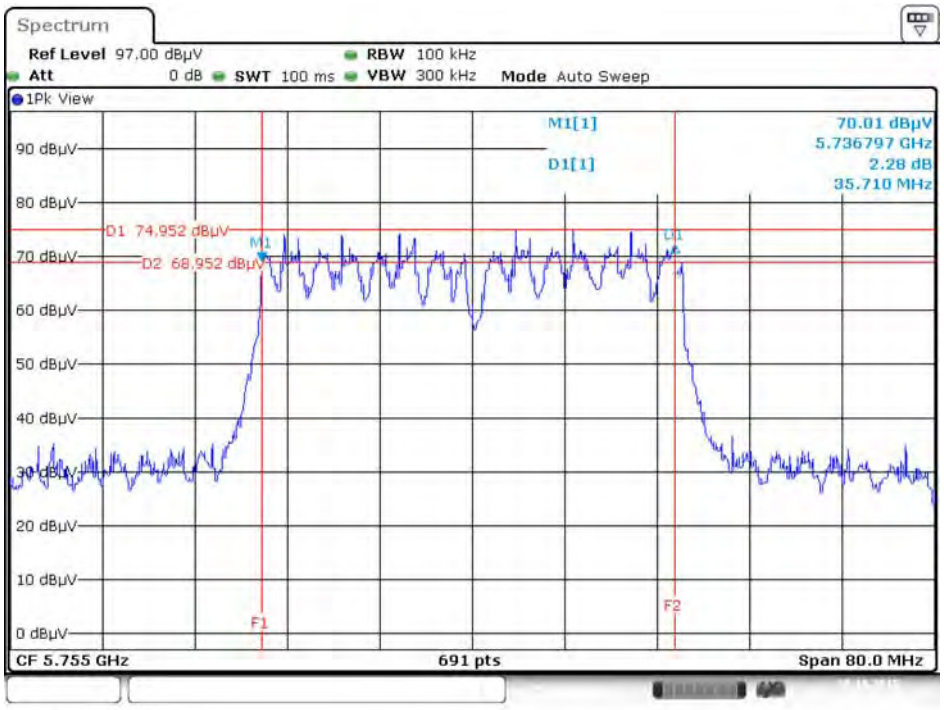

Date: 20.OCT.2015 22:26:49

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz**



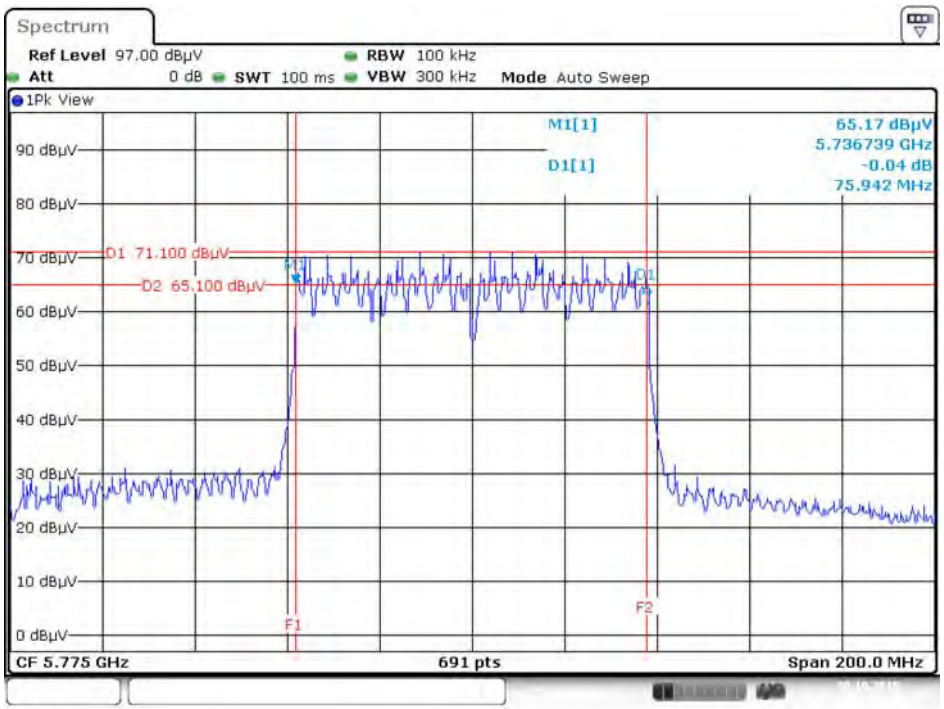

Date: 20.OCT.2015 11:12:52

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755 MHz




Date: 20.OCT.2015 19:59:15

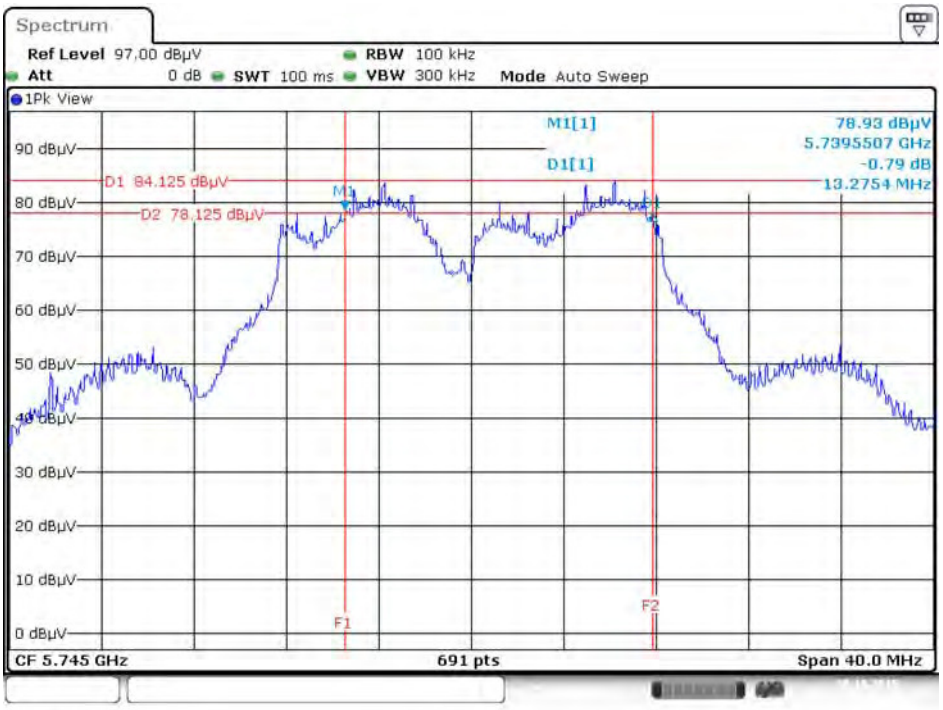
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz




Date: 20.OCT.2015 20:03:48

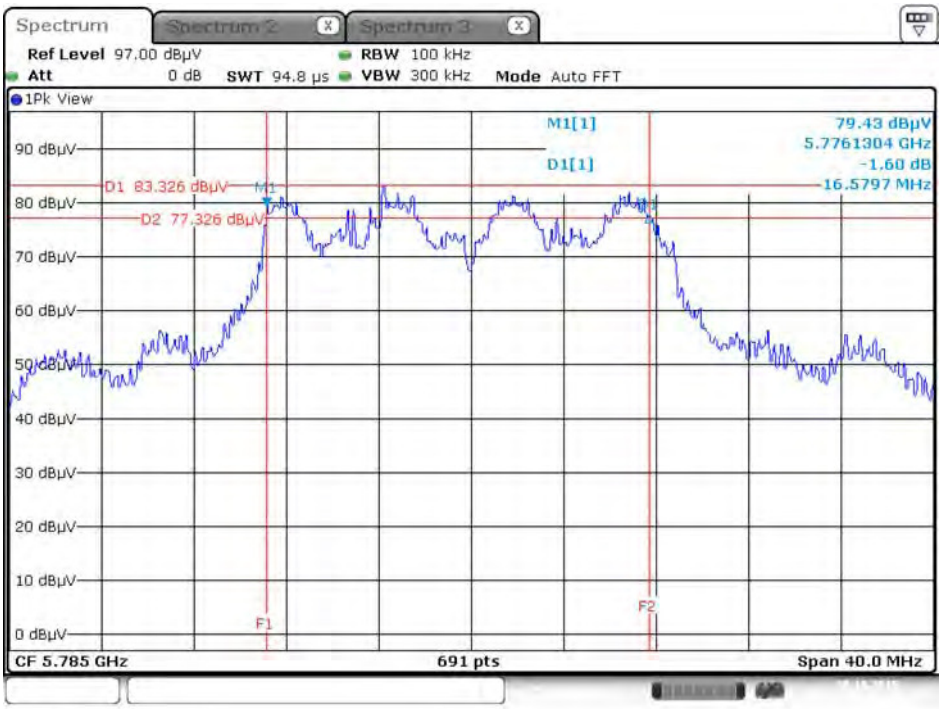
**Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



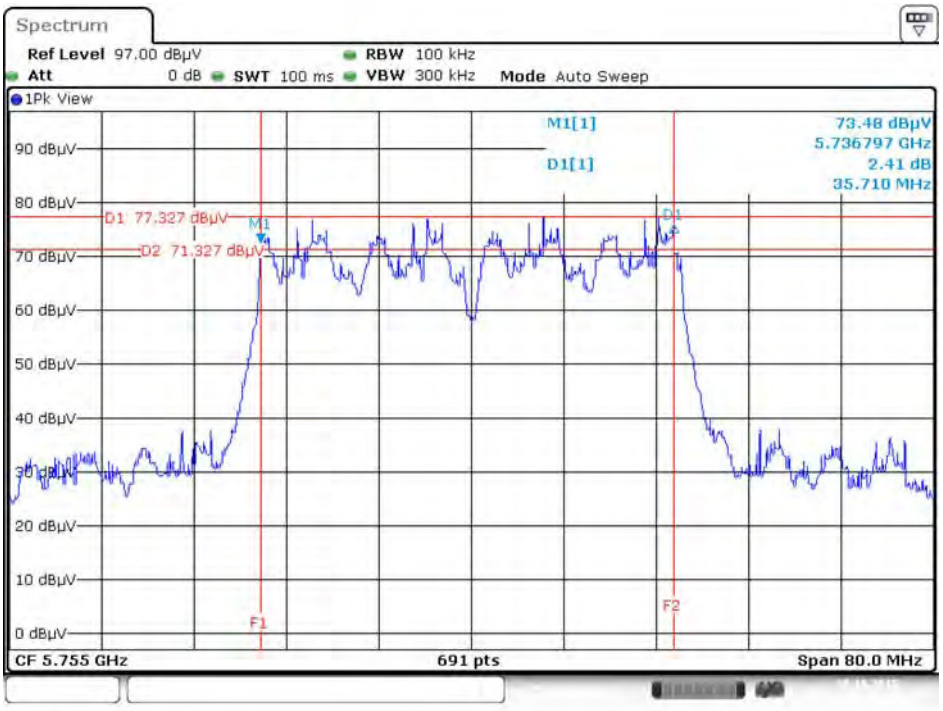

Date: 20.OCT.2015 20:12:08

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz**



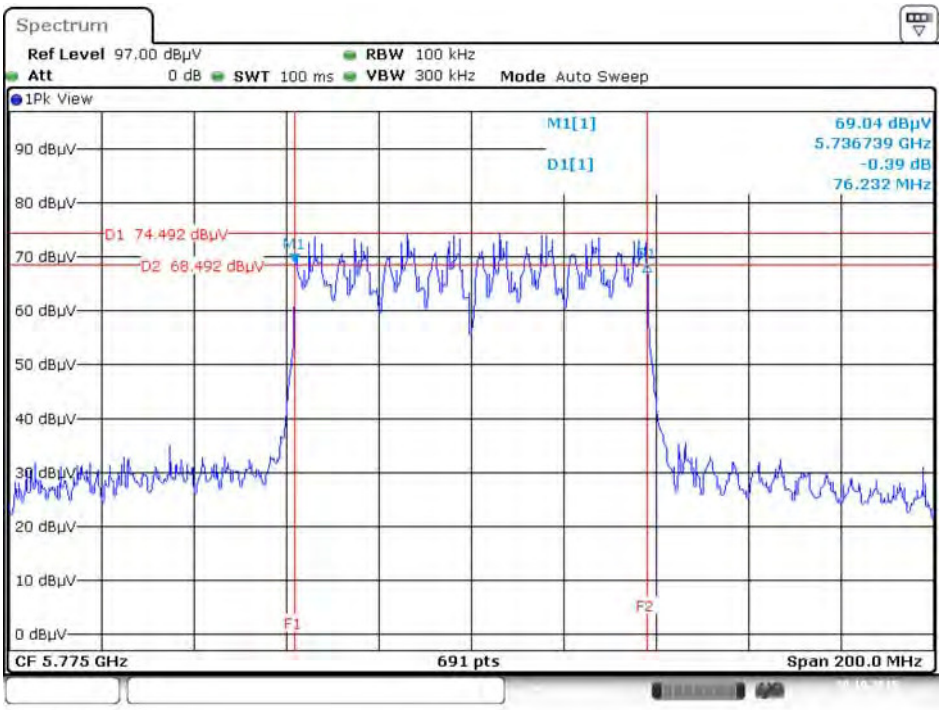

Date: 20.OCT.2015 11:30:20

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5755 MHz**




Date: 20.OCT.2015 20:20:13

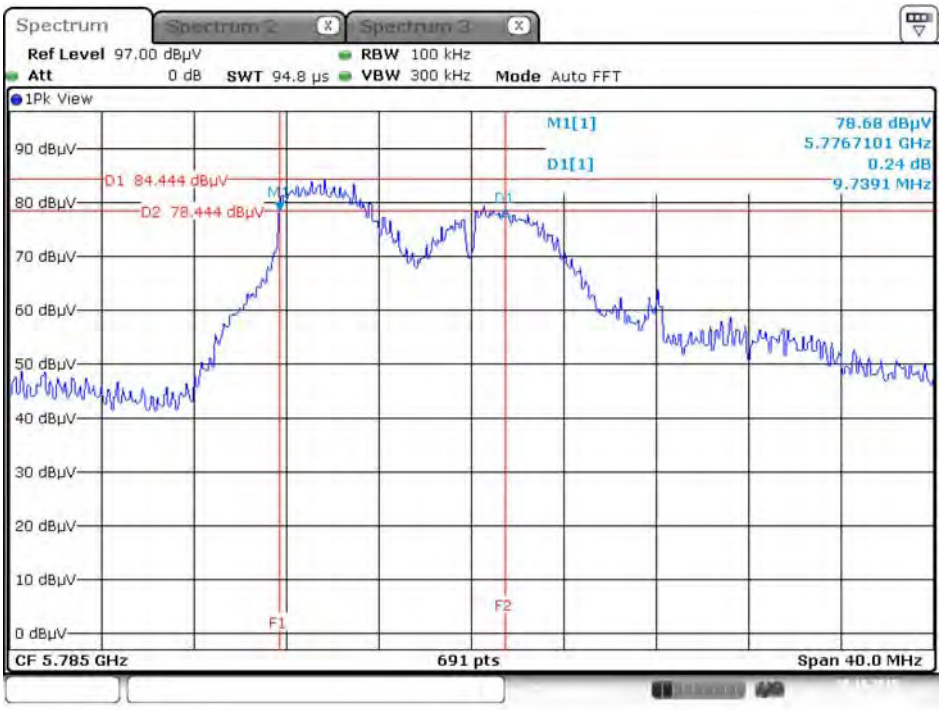
**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**




Date: 20.OCT.2015 20:57:16

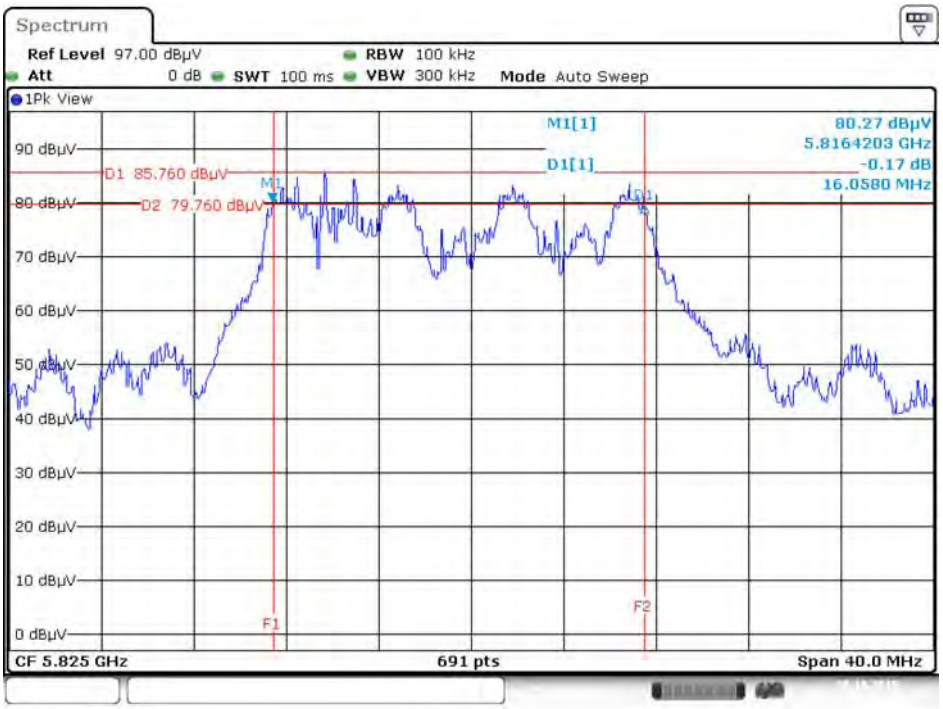
**Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



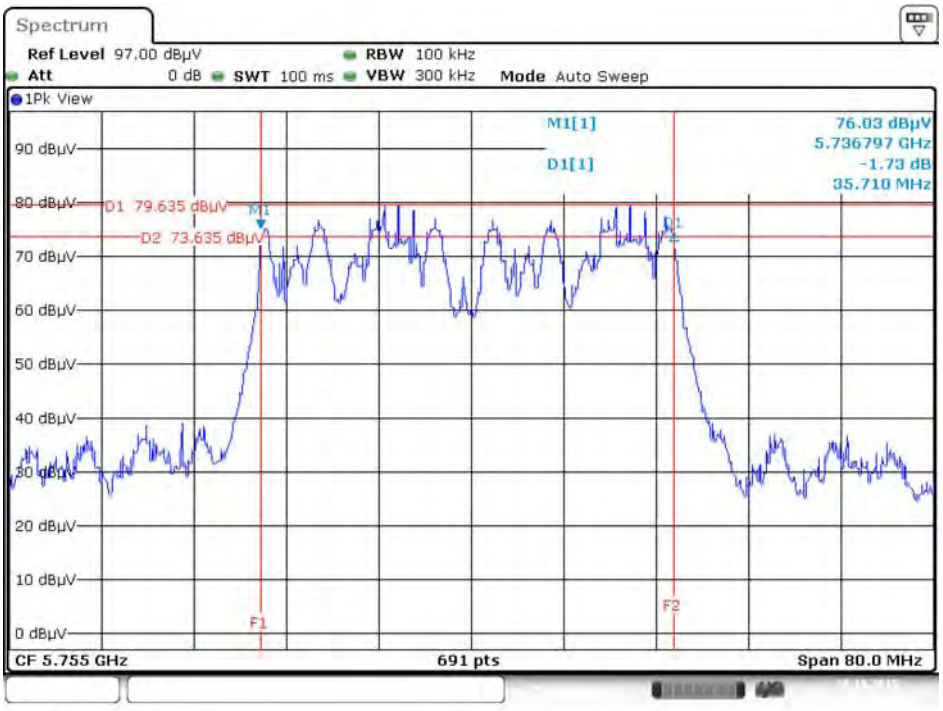

Date: 20.OCT.2015 11:53:43

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz**



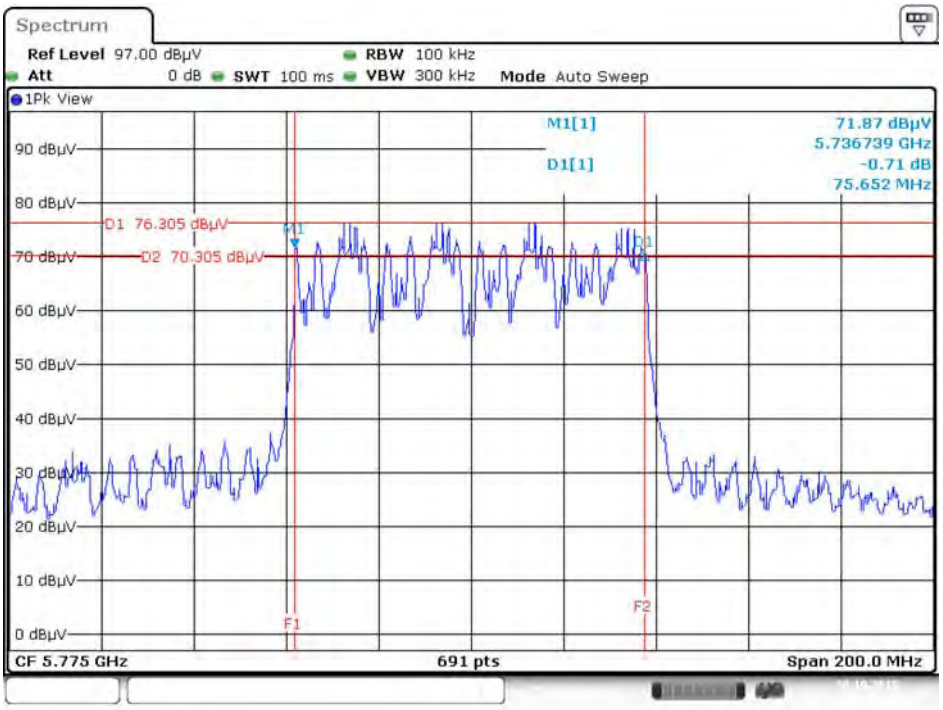

Date: 20.OCT.2015 21:05:53

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz**




Date: 20.OCT.2015 21:07:10

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**

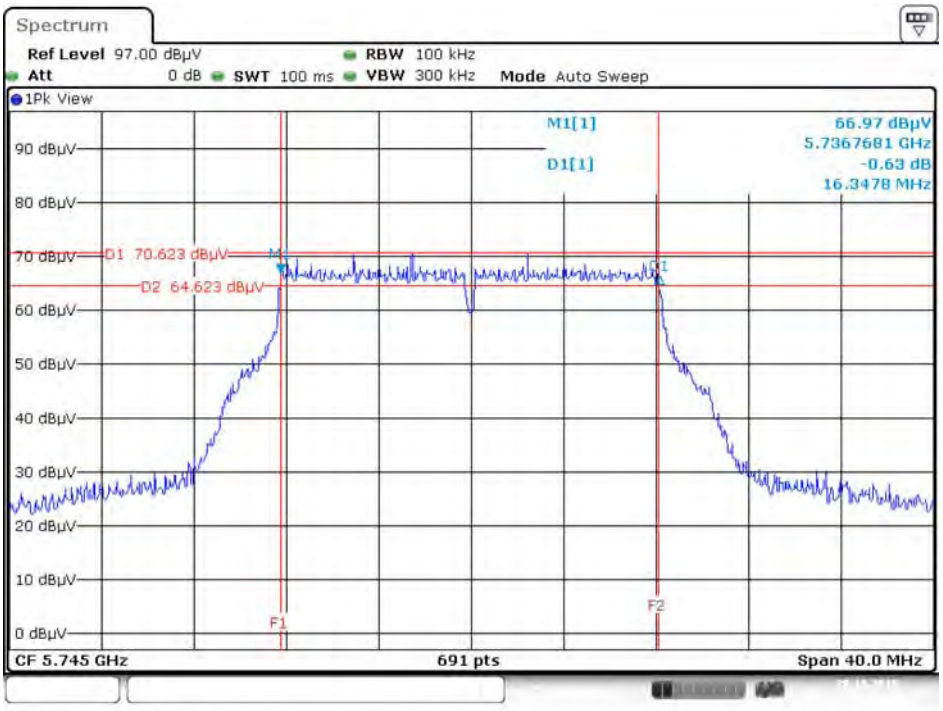



Date: 20.OCT.2015 21:14:07

**For indoor / outdoor use**

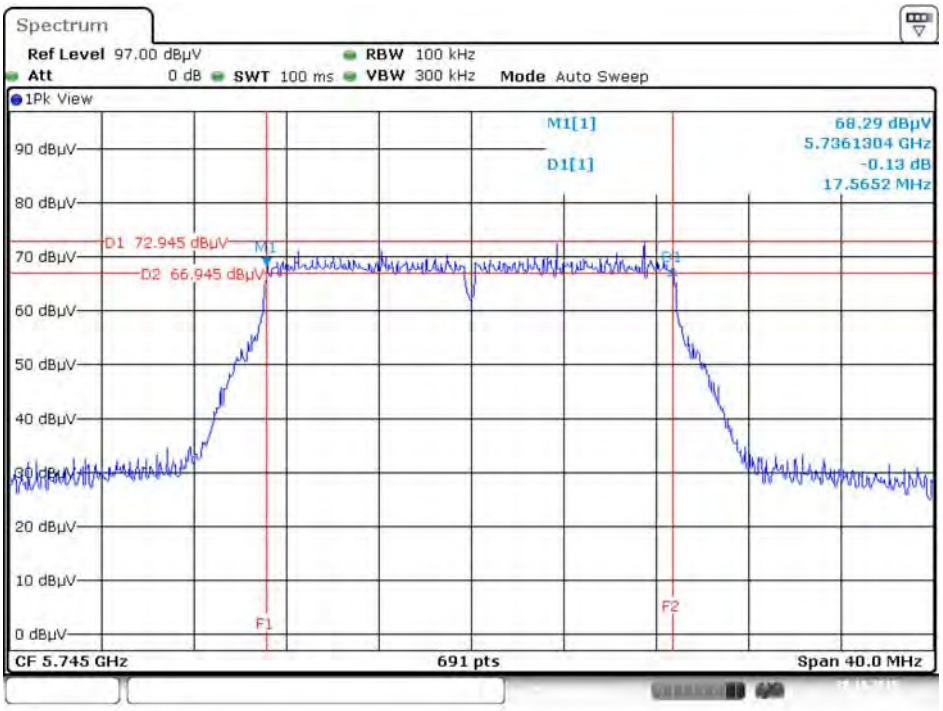
**Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi / 1TX)**

**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz**



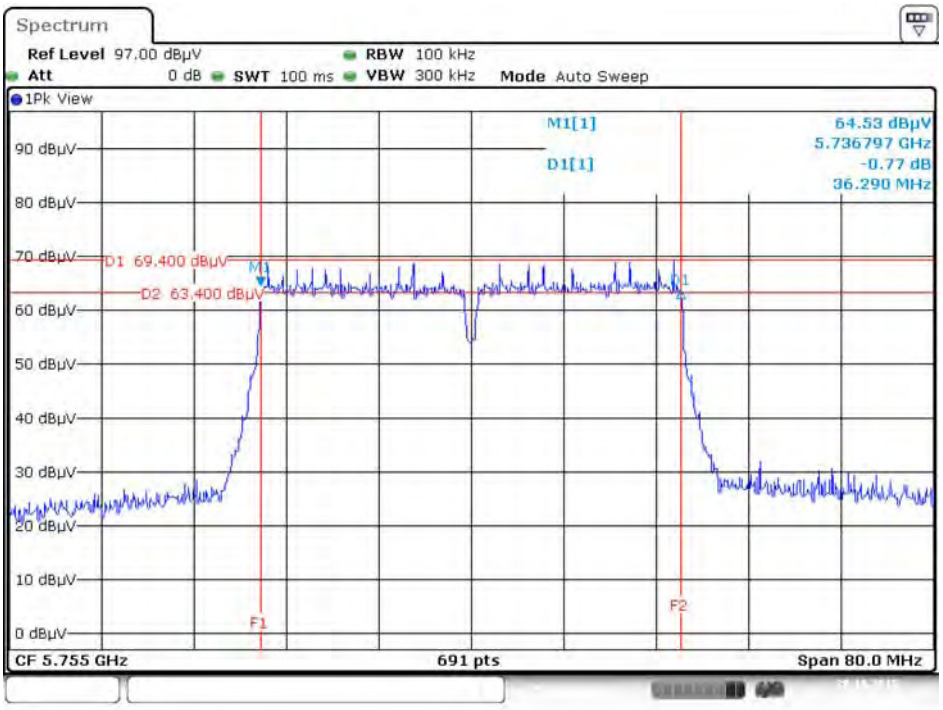

Date: 28.OCT.2015 23:39:59

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5745 MHz**

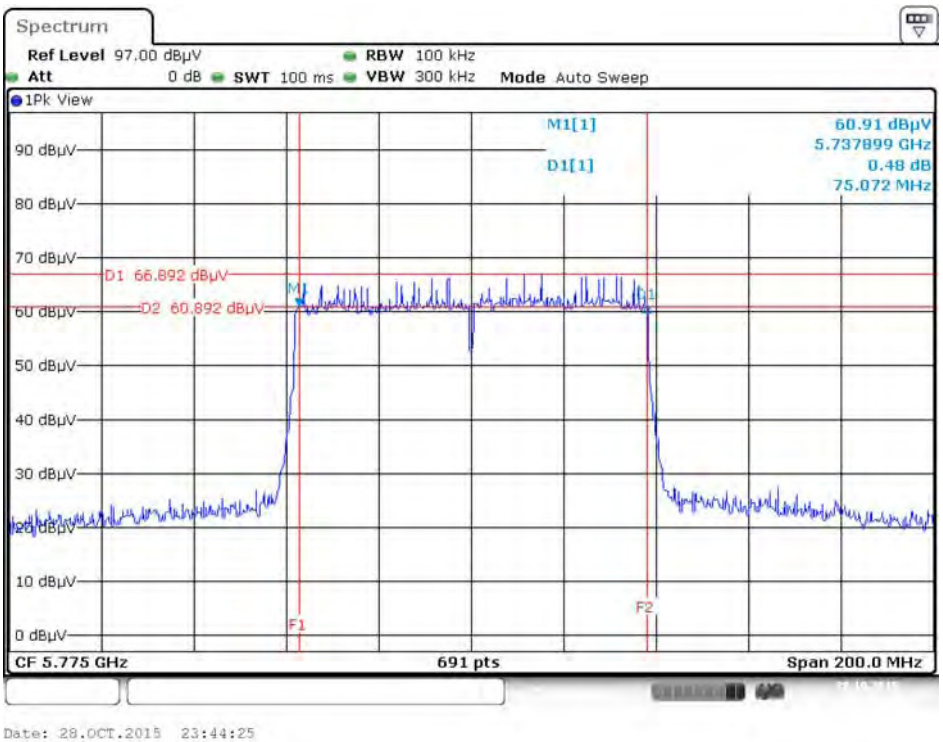



Date: 28.OCT.2015 23:41:33

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5755MHz

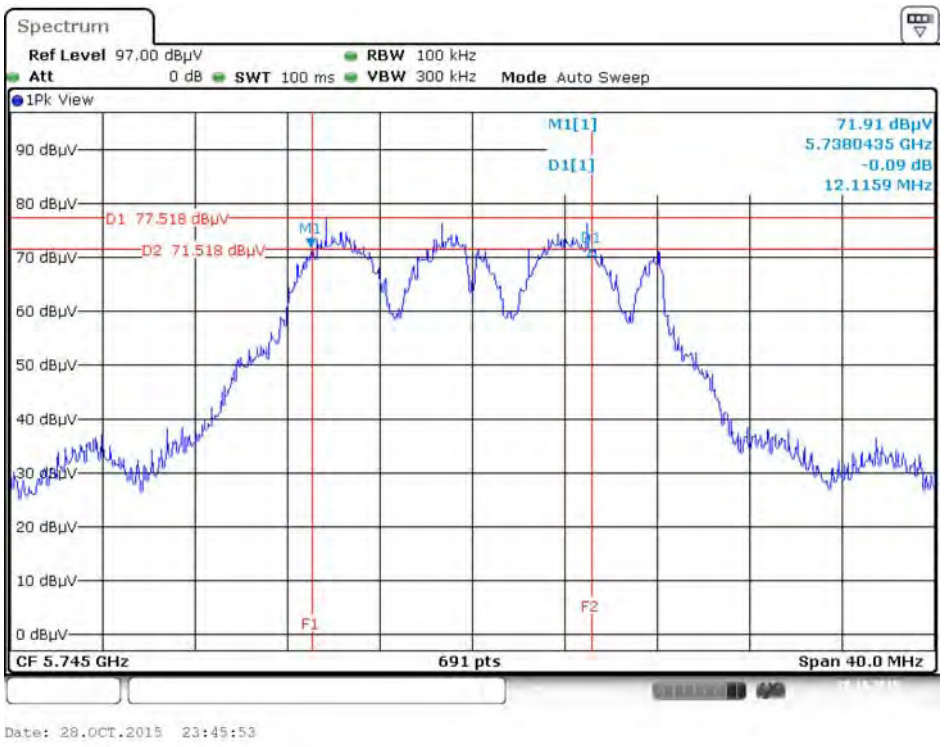



## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz

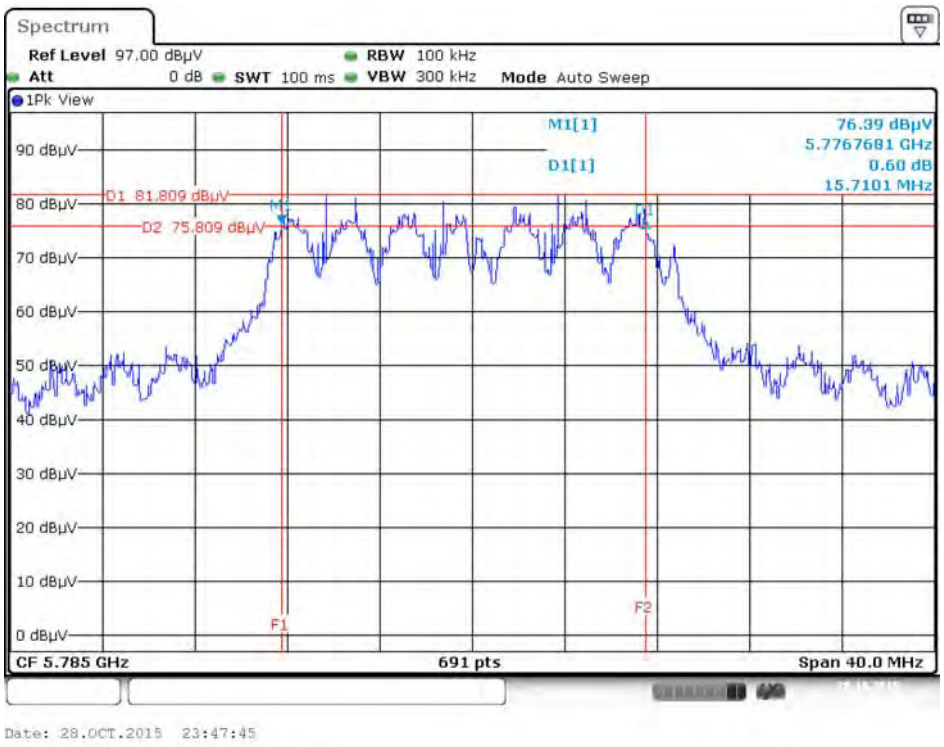


**Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX)**

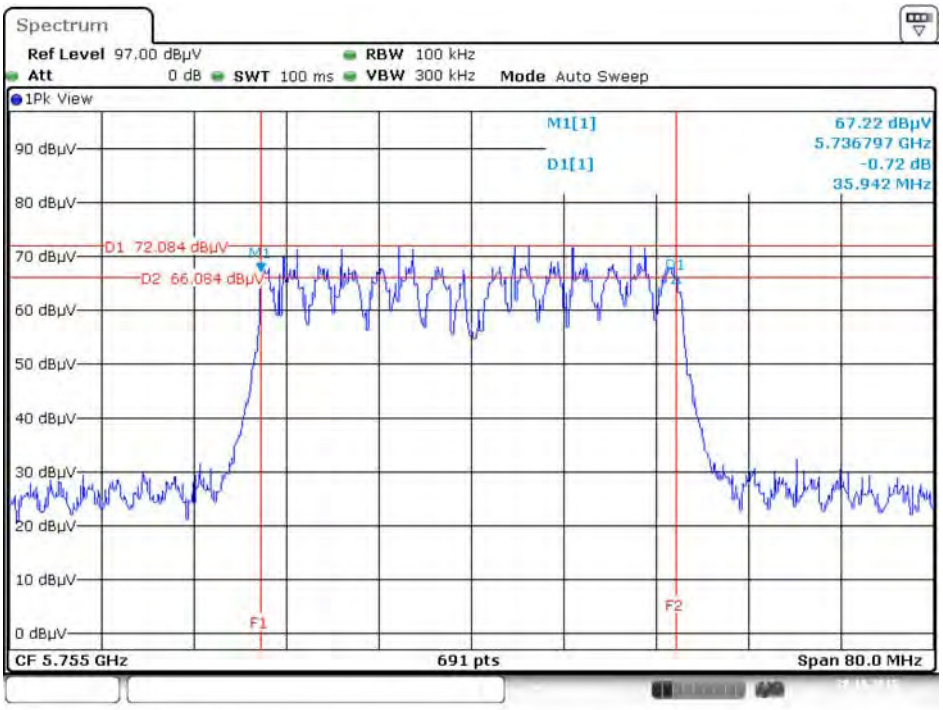
**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5745 MHz**



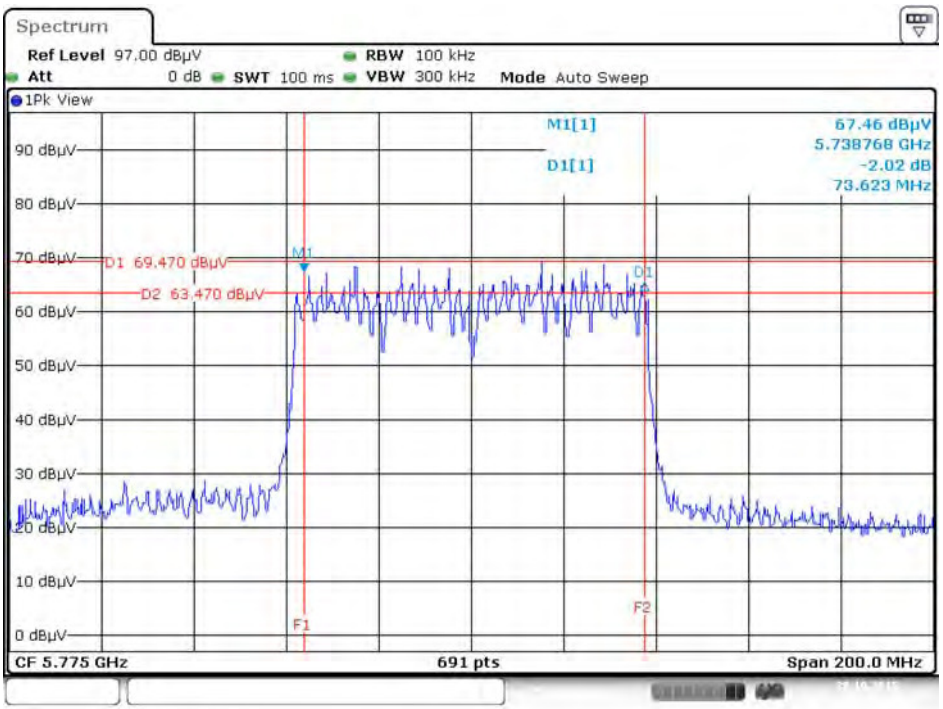

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz**



**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5755 MHz**

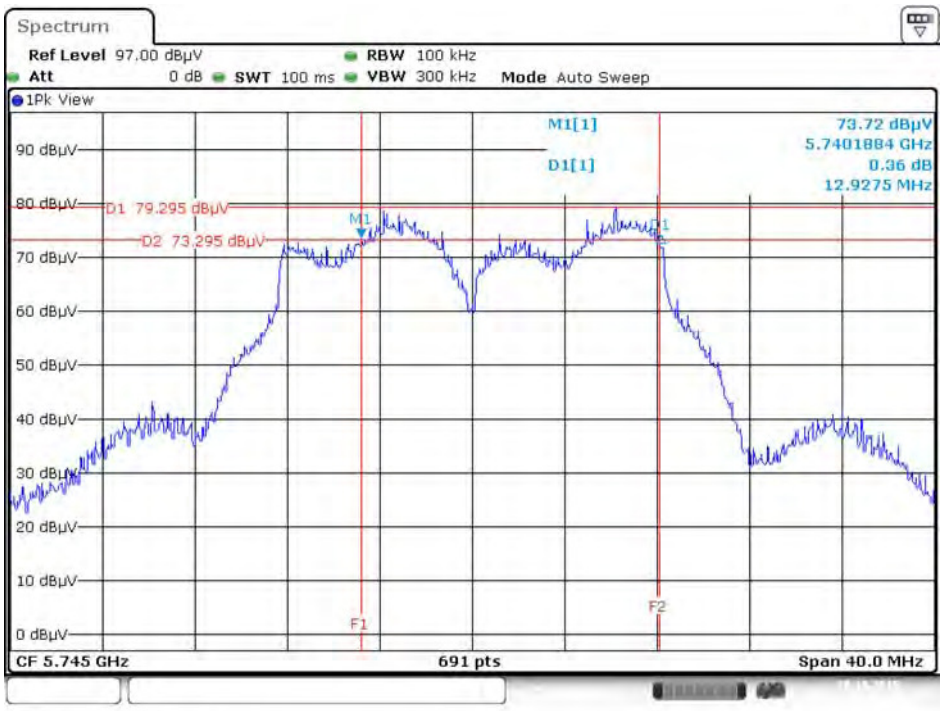



**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz**

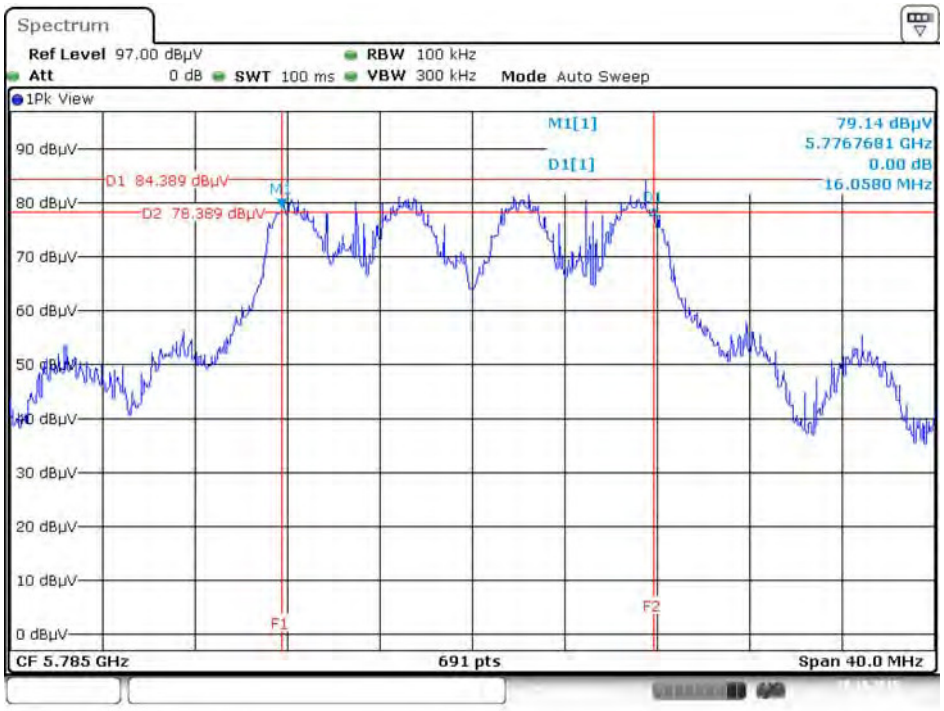


**Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX)**

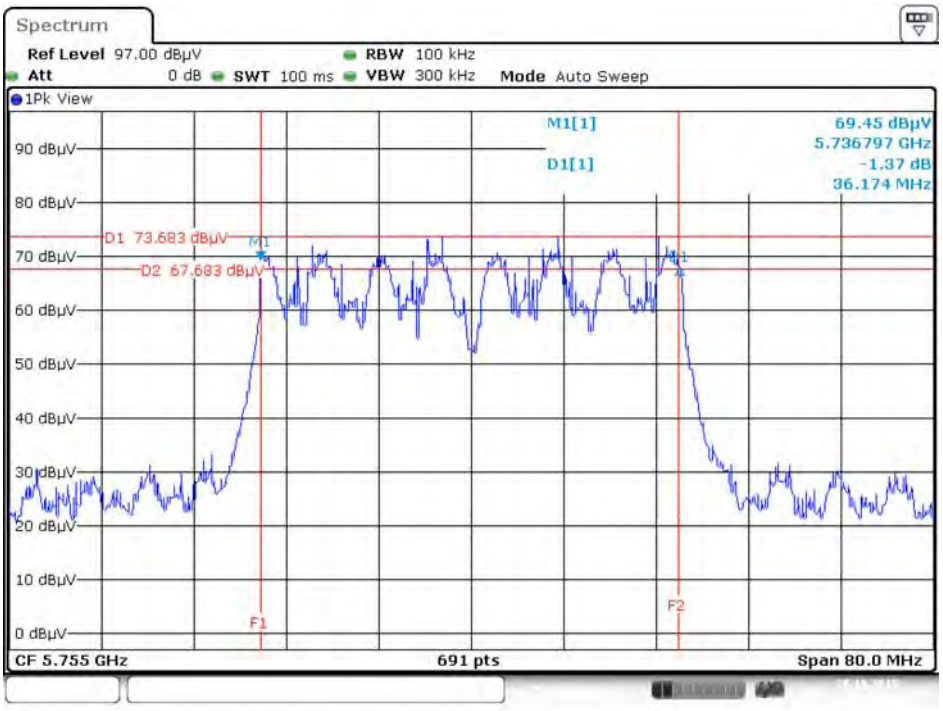
**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz**



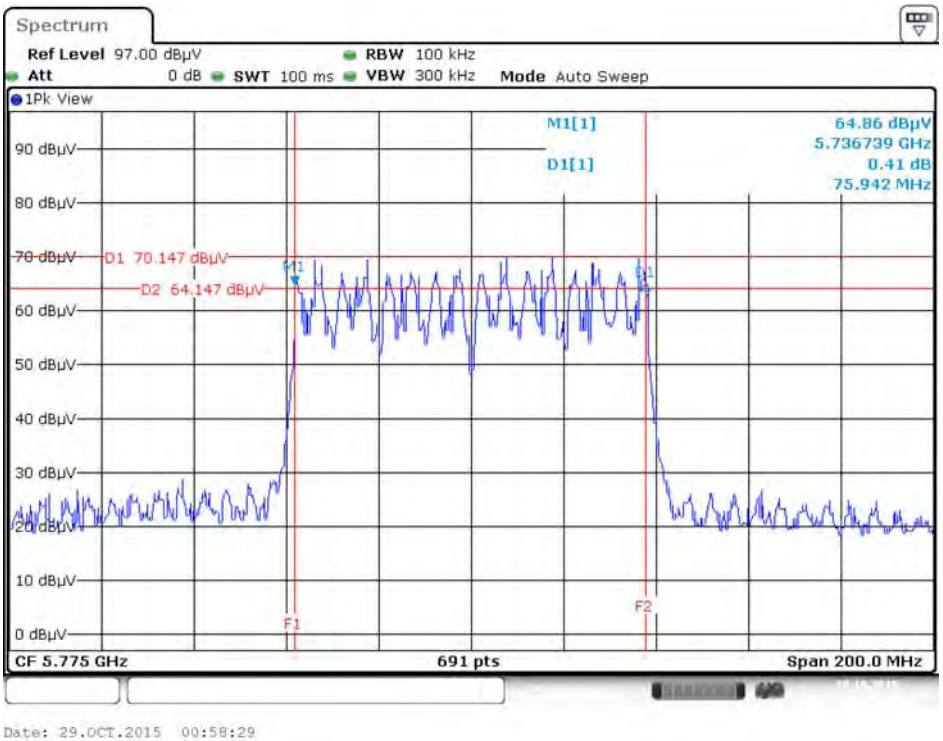

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz**



**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5755 MHz**

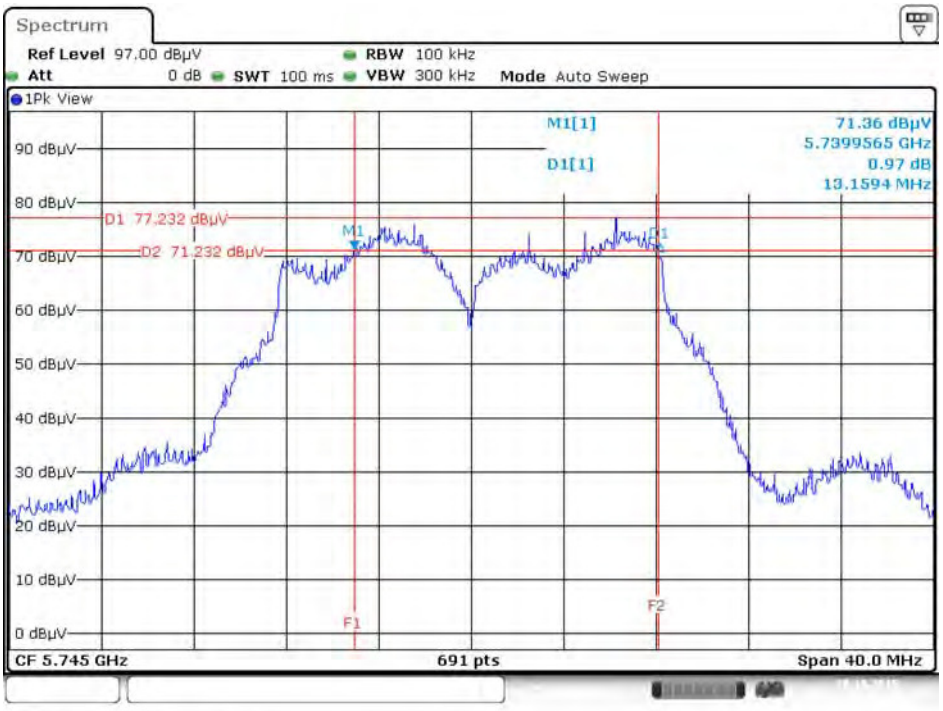



**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz**

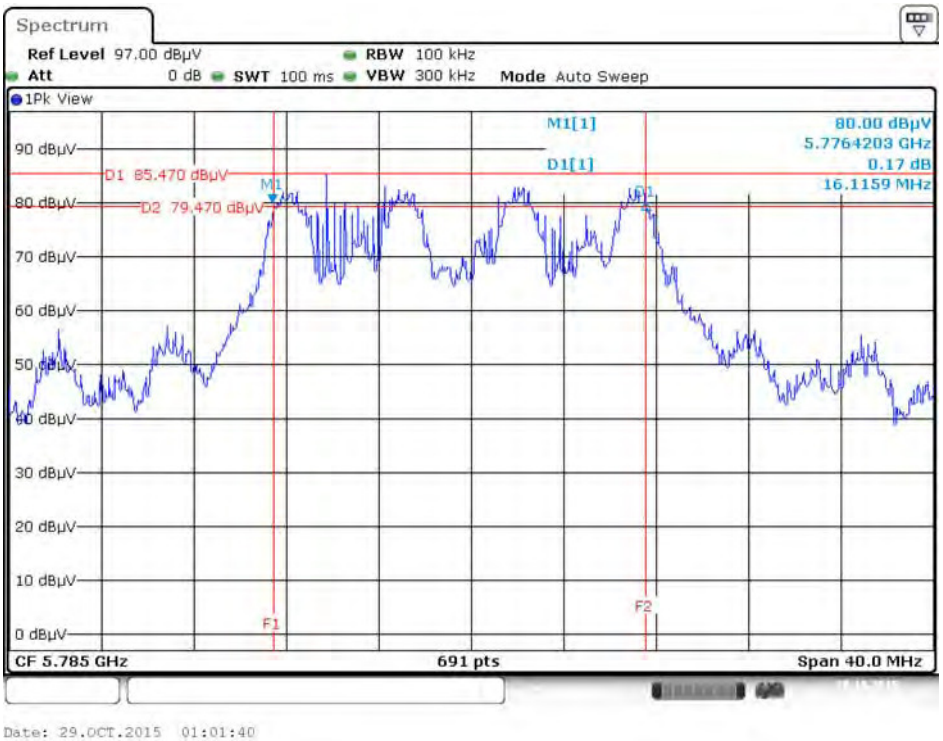


**Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX)**

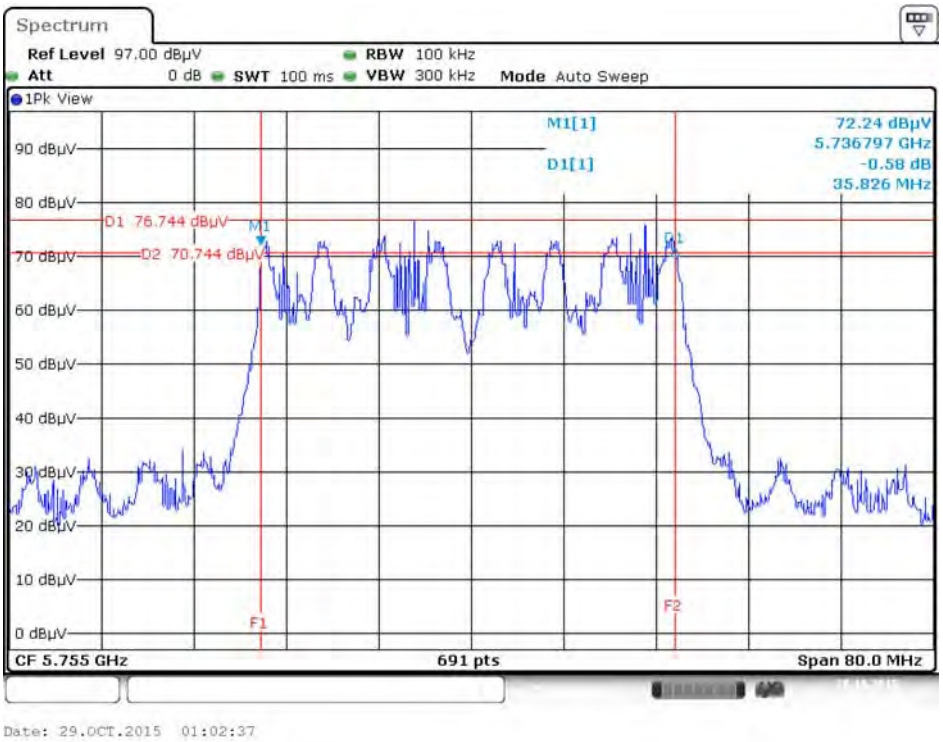
**6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz**



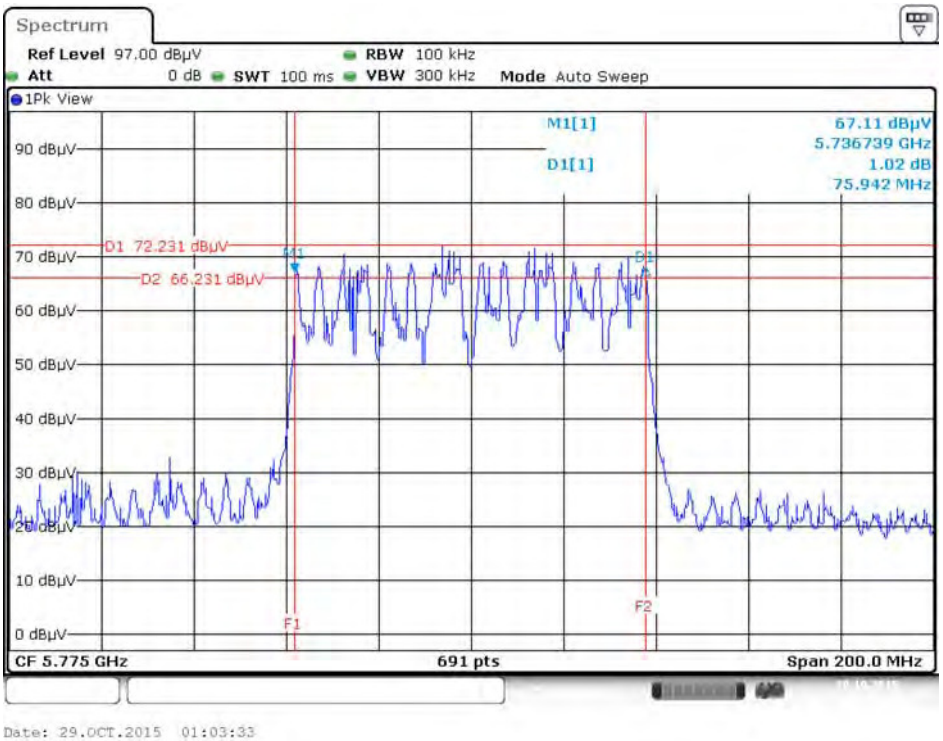

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz**



**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz**




**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5775 MHz**



## 4.4. Maximum Conducted Output Power Measurement

### 4.4.1. Limit

| Frequency Band | | | Limit |
|---|---|---|---|
| ☒ | 5.15~5.25 GHz | | |
| | Operating Mode | | |
| | ☒ | Outdoor access point | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm). |
| | ☒ | Indoor access point | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. 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. |
| | ☐ | Fixed point-to-point access points | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. |
| | ☐ | Mobile and portable client devices | The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. 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. |

| | | |
|---|---|---|
| ☒ | 5.725~5.85 GHz | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. |

### 4.4.2. Measuring Instruments and Setting

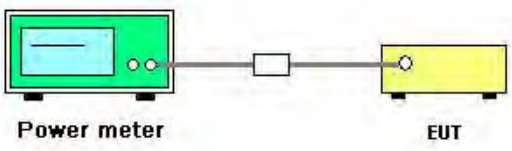
Please refer to section 5 of equipments list in this report. The following table is the setting of the power meter.

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

### 4.4.3. Test Procedures

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.

### 4.4.4. Test Setup Layout




### 4.4.5. Test Deviation

There is no deviation with the original standard.

### 4.4.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

## 4.4.7. Test Result of Maximum Conducted Output Power

**For Non-Beamforming Mode**

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 30.00 | Complies |
| | 5200 MHz | 20.91 | 30.00 | Complies |
| | 5240 MHz | 20.96 | 30.00 | Complies |
| | 5745 MHz | 20.59 | 30.00 | Complies |
| | 5785 MHz | 20.95 | 30.00 | Complies |
| | 5825 MHz | 20.39 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 30.00 | Complies |
| | 5200 MHz | 20.97 | 30.00 | Complies |
| | 5240 MHz | 20.94 | 30.00 | Complies |
| | 5745 MHz | 20.32 | 30.00 | Complies |
| | 5785 MHz | 20.91 | 30.00 | Complies |
| | 5825 MHz | 20.70 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.93 | 30.00 | Complies |
| | 5230 MHz | 20.99 | 30.00 | Complies |
| | 5755 MHz | 19.51 | 30.00 | Complies |
| | 5795 MHz | 20.94 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 20.85 | 30.00 | Complies |
| | 5775 MHz | 18.47 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 30.00 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 30.00 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 30.00 | Complies |
| | 5745 MHz | 18.21 | 18.39 | 21.31 | 30.00 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 30.00 | Complies |
| | 5825 MHz | 20.89 | 20.60 | 23.76 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 18.34 | 18.07 | 21.22 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 20.32 | 19.92 | 23.13 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.92 | 20.12 | 23.03 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 14.86 | 16.24 | 18.61 | 30.00 | Complies |
| | 5795 MHz | 20.04 | 20.97 | 23.54 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.45 | 18.86 | 21.22 | 30.00 | Complies |
| | 5775 MHz | 14.42 | 16.04 | 18.32 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 20.07 | 20.94 | 20.11 | 25.16 | 30.00 | Complies |
| | 5200 MHz | 19.88 | 20.98 | 20.05 | 25.10 | 30.00 | Complies |
| | 5240 MHz | 20.21 | 20.97 | 20.11 | 25.22 | 30.00 | Complies |
| | 5745 MHz | 16.52 | 16.87 | 18.31 | 22.08 | 30.00 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 30.00 | Complies |
| | 5825 MHz | 18.71 | 18.61 | 19.97 | 23.91 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.01 | 16.81 | 18.56 | 22.30 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 19.15 | 19.04 | 20.66 | 24.45 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.34 | 19.61 | 20.25 | 24.52 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 15.23 | 16.49 | 15.58 | 20.57 | 30.00 | Complies |
| | 5795 MHz | 18.78 | 19.77 | 19.38 | 24.10 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.73 | 18.74 | 17.41 | 22.77 | 30.00 | Complies |
| | 5775 MHz | 14.22 | 15.21 | 15.02 | 19.61 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 19.31 | 20.91 | 19.91 | 20.71 | 26.28 | 30.00 | Complies |
| | 5200 MHz | 19.28 | 20.72 | 19.66 | 20.43 | 26.08 | 30.00 | Complies |
| | 5240 MHz | 19.86 | 20.73 | 19.84 | 20.54 | 26.28 | 30.00 | Complies |
| | 5745 MHz | 19.92 | 19.91 | 20.79 | 20.95 | 26.44 | 30.00 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 30.00 | Complies |
| | 5825 MHz | 18.56 | 18.45 | 20.01 | 20.29 | 25.43 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.87 | 20.64 | 19.51 | 20.17 | 25.87 | 30.00 | Complies |
| | 5200 MHz | 19.31 | 20.72 | 19.98 | 20.52 | 26.19 | 30.00 | Complies |
| | 5240 MHz | 19.33 | 20.62 | 19.66 | 20.21 | 26.00 | 30.00 | Complies |
| | 5745 MHz | 15.62 | 15.68 | 16.79 | 17.27 | 22.42 | 30.00 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 30.00 | Complies |
| | 5825 MHz | 17.68 | 18.11 | 19.01 | 19.61 | 24.69 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.91 | 19.98 | 20.89 | 20.82 | 26.44 | 30.00 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 30.00 | Complies |
| | 5755 MHz | 13.18 | 13.94 | 13.07 | 15.18 | 19.95 | 30.00 | Complies |
| | 5795 MHz | 17.21 | 18.15 | 16.82 | 19.05 | 23.92 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.32 | 17.96 | 16.31 | 18.01 | 23.47 | 30.00 | Complies |
| | 5775 MHz | 13.14 | 14.45 | 13.82 | 14.39 | 20.00 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 18.55 | 30.00 | Complies |
| | 5200 MHz | 18.52 | 30.00 | Complies |
| | 5240 MHz | 18.48 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.62 | 30.00 | Complies |
| | 5200 MHz | 18.58 | 30.00 | Complies |
| | 5240 MHz | 18.47 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.46 | 30.00 | Complies |
| | 5230 MHz | 18.56 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.39 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 14.82 | 16.23 | 18.59 | 30.00 | Complies |
| | 5200 MHz | 14.76 | 16.20 | 18.55 | 30.00 | Complies |
| | 5240 MHz | 14.38 | 16.23 | 18.41 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 14.79 | 16.11 | 18.51 | 30.00 | Complies |
| | 5200 MHz | 14.69 | 16.31 | 18.59 | 30.00 | Complies |
| | 5240 MHz | 14.62 | 16.27 | 18.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 15.53 | 15.51 | 18.53 | 30.00 | Complies |
| | 5230 MHz | 15.33 | 15.64 | 18.50 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.61 | 16.30 | 18.55 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 12.97 | 14.49 | 13.90 | 18.60 | 30.00 | Complies |
| | 5200 MHz | 12.91 | 14.43 | 14.16 | 18.65 | 30.00 | Complies |
| | 5240 MHz | 12.88 | 14.42 | 14.18 | 18.65 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.98 | 14.35 | 13.76 | 18.50 | 30.00 | Complies |
| | 5200 MHz | 12.90 | 14.42 | 14.06 | 18.61 | 30.00 | Complies |
| | 5240 MHz | 12.83 | 14.45 | 14.04 | 18.60 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 13.29 | 13.79 | 14.48 | 18.65 | 30.00 | Complies |
| | 5230 MHz | 13.33 | 13.46 | 14.41 | 18.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 13.36 | 14.74 | 13.36 | 18.64 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 11.98 | 13.12 | 12.39 | 12.90 | 18.64 | 30.00 | Complies |
| | 5200 MHz | 11.91 | 13.33 | 12.53 | 12.56 | 18.63 | 30.00 | Complies |
| | 5240 MHz | 11.53 | 13.24 | 12.64 | 12.86 | 18.63 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.09 | 13.14 | 12.40 | 12.82 | 18.65 | 30.00 | Complies |
| | 5200 MHz | 11.95 | 13.34 | 12.51 | 12.46 | 18.61 | 30.00 | Complies |
| | 5240 MHz | 11.82 | 13.36 | 12.56 | 12.48 | 18.61 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.07 | 12.18 | 12.74 | 12.94 | 18.52 | 30.00 | Complies |
| | 5230 MHz | 11.77 | 12.10 | 12.86 | 12.99 | 18.48 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 11.94 | 13.44 | 11.01 | 13.55 | 18.63 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 30.00 | Complies |
| | 5200 MHz | 20.91 | 30.00 | Complies |
| | 5240 MHz | 20.96 | 30.00 | Complies |
| | 5745 MHz | 20.96 | 30.00 | Complies |
| | 5785 MHz | 20.95 | 30.00 | Complies |
| | 5825 MHz | 20.85 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 30.00 | Complies |
| | 5200 MHz | 20.97 | 30.00 | Complies |
| | 5240 MHz | 20.94 | 30.00 | Complies |
| | 5745 MHz | 20.88 | 30.00 | Complies |
| | 5785 MHz | 20.91 | 30.00 | Complies |
| | 5825 MHz | 20.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.93 | 30.00 | Complies |
| | 5230 MHz | 20.99 | 30.00 | Complies |
| | 5755 MHz | 20.05 | 30.00 | Complies |
| | 5795 MHz | 20.94 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 20.48 | 30.00 | Complies |
| | 5775 MHz | 18.91 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 30.00 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 30.00 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 30.00 | Complies |
| | 5745 MHz | 18.91 | 18.82 | 21.88 | 30.00 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 30.00 | Complies |
| | 5825 MHz | 20.89 | 20.60 | 23.76 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 19.03 | 18.66 | 21.86 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 20.82 | 20.42 | 23.63 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.19 | 20.49 | 23.35 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 16.38 | 17.84 | 20.18 | 30.00 | Complies |
| | 5795 MHz | 20.04 | 20.97 | 23.54 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.18 | 20.29 | 22.37 | 30.00 | Complies |
| | 5775 MHz | 15.78 | 17.32 | 19.63 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 20.07 | 20.94 | 20.11 | 25.16 | 30.00 | Complies |
| | 5200 MHz | 19.88 | 20.98 | 20.05 | 25.10 | 30.00 | Complies |
| | 5240 MHz | 20.21 | 20.97 | 20.11 | 25.22 | 30.00 | Complies |
| | 5745 MHz | 18.99 | 18.63 | 20.56 | 24.25 | 30.00 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 30.00 | Complies |
| | 5825 MHz | 19.63 | 19.43 | 20.99 | 24.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.99 | 18.01 | 19.46 | 23.31 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 19.77 | 19.57 | 20.88 | 24.88 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.49 | 18.81 | 19.79 | 23.84 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 15.23 | 16.49 | 15.58 | 20.57 | 30.00 | Complies |
| | 5795 MHz | 19.25 | 20.12 | 19.31 | 24.35 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.14 | 19.17 | 18.15 | 23.29 | 30.00 | Complies |
| | 5775 MHz | 15.27 | 16.98 | 16.28 | 21.00 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 19.31 | 20.91 | 19.91 | 20.71 | 26.28 | 30.00 | Complies |
| | 5200 MHz | 19.53 | 20.97 | 19.91 | 20.68 | 26.33 | 30.00 | Complies |
| | 5240 MHz | 20.11 | 20.98 | 20.09 | 20.79 | 26.53 | 30.00 | Complies |
| | 5745 MHz | 17.52 | 17.31 | 18.24 | 18.83 | 24.04 | 30.00 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 30.00 | Complies |
| | 5825 MHz | 19.42 | 19.37 | 20.76 | 20.96 | 26.21 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 30.00 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 30.00 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 30.00 | Complies |
| | 5745 MHz | 16.22 | 16.64 | 17.61 | 18.01 | 23.20 | 30.00 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 30.00 | Complies |
| | 5825 MHz | 18.14 | 18.25 | 19.62 | 19.87 | 25.06 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.91 | 19.98 | 20.89 | 20.82 | 26.44 | 30.00 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 30.00 | Complies |
| | 5755 MHz | 13.63 | 15.24 | 14.23 | 15.81 | 20.83 | 30.00 | Complies |
| | 5795 MHz | 16.39 | 17.32 | 16.48 | 18.45 | 23.26 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.64 | 19.42 | 17.62 | 18.74 | 24.44 | 30.00 | Complies |
| | 5775 MHz | 14.57 | 15.91 | 15.42 | 15.43 | 21.38 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 18.55 | 30.00 | Complies |
| | 5200 MHz | 18.52 | 30.00 | Complies |
| | 5240 MHz | 18.48 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.62 | 30.00 | Complies |
| | 5200 MHz | 18.58 | 30.00 | Complies |
| | 5240 MHz | 18.47 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.46 | 30.00 | Complies |
| | 5230 MHz | 18.56 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.39 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 14.82 | 16.23 | 18.59 | 30.00 | Complies |
| | 5200 MHz | 14.76 | 16.20 | 18.55 | 30.00 | Complies |
| | 5240 MHz | 14.38 | 16.23 | 18.41 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 14.79 | 16.11 | 18.51 | 30.00 | Complies |
| | 5200 MHz | 14.69 | 16.31 | 18.59 | 30.00 | Complies |
| | 5240 MHz | 14.62 | 16.27 | 18.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 15.53 | 15.51 | 18.53 | 30.00 | Complies |
| | 5230 MHz | 15.33 | 15.64 | 18.50 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.61 | 16.30 | 18.55 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 12.97 | 14.49 | 13.90 | 18.60 | 30.00 | Complies |
| | 5200 MHz | 12.91 | 14.43 | 14.16 | 18.65 | 30.00 | Complies |
| | 5240 MHz | 12.88 | 14.42 | 14.18 | 18.65 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.98 | 14.35 | 13.76 | 18.50 | 30.00 | Complies |
| | 5200 MHz | 12.90 | 14.42 | 14.06 | 18.61 | 30.00 | Complies |
| | 5240 MHz | 12.83 | 14.45 | 14.04 | 18.60 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 13.29 | 13.79 | 14.48 | 18.65 | 30.00 | Complies |
| | 5230 MHz | 13.33 | 13.46 | 14.41 | 18.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 13.36 | 14.74 | 13.36 | 18.64 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 11.98 | 13.12 | 12.39 | 12.90 | 18.64 | 30.00 | Complies |
| | 5200 MHz | 11.91 | 13.33 | 12.53 | 12.56 | 18.63 | 30.00 | Complies |
| | 5240 MHz | 11.53 | 13.24 | 12.64 | 12.86 | 18.63 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.09 | 13.14 | 12.40 | 12.82 | 18.65 | 30.00 | Complies |
| | 5200 MHz | 11.95 | 13.34 | 12.51 | 12.46 | 18.61 | 30.00 | Complies |
| | 5240 MHz | 11.82 | 13.36 | 12.56 | 12.48 | 18.61 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.07 | 12.18 | 12.74 | 12.94 | 18.52 | 30.00 | Complies |
| | 5230 MHz | 11.77 | 12.10 | 12.86 | 12.99 | 18.48 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 11.94 | 13.44 | 11.01 | 13.55 | 18.63 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 30.00 | Complies |
| | 5200 MHz | 20.91 | 30.00 | Complies |
| | 5240 MHz | 20.96 | 30.00 | Complies |
| | 5745 MHz | 20.78 | 30.00 | Complies |
| | 5785 MHz | 20.95 | 30.00 | Complies |
| | 5825 MHz | 20.85 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 30.00 | Complies |
| | 5200 MHz | 20.97 | 30.00 | Complies |
| | 5240 MHz | 20.94 | 30.00 | Complies |
| | 5745 MHz | 19.77 | 30.00 | Complies |
| | 5785 MHz | 20.91 | 30.00 | Complies |
| | 5825 MHz | 20.25 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.29 | 30.00 | Complies |
| | 5230 MHz | 20.99 | 30.00 | Complies |
| | 5755 MHz | 19.02 | 30.00 | Complies |
| | 5795 MHz | 19.44 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 19.02 | 30.00 | Complies |
| | 5775 MHz | 17.36 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 30.00 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 30.00 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 30.00 | Complies |
| | 5745 MHz | 19.36 | 19.33 | 22.36 | 30.00 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 30.00 | Complies |
| | 5825 MHz | 20.14 | 20.16 | 23.16 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 18.15 | 17.95 | 21.06 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 19.73 | 19.33 | 22.54 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.23 | 19.77 | 22.52 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 15.12 | 16.01 | 18.60 | 30.00 | Complies |
| | 5795 MHz | 18.35 | 19.66 | 22.06 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.45 | 18.86 | 21.22 | 30.00 | Complies |
| | 5775 MHz | 15.72 | 17.07 | 19.46 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 20.07 | 20.94 | 20.11 | 25.16 | 30.00 | Complies |
| | 5200 MHz | 19.88 | 20.98 | 20.05 | 25.10 | 30.00 | Complies |
| | 5240 MHz | 20.21 | 20.97 | 20.11 | 25.22 | 30.00 | Complies |
| | 5745 MHz | 17.33 | 17.22 | 18.46 | 22.48 | 30.00 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 30.00 | Complies |
| | 5825 MHz | 18.89 | 19.02 | 20.68 | 24.38 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.01 | 16.81 | 18.56 | 22.30 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 18.89 | 18.53 | 19.82 | 23.89 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.42 | 18.67 | 19.44 | 23.64 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 15.23 | 16.49 | 15.58 | 20.57 | 30.00 | Complies |
| | 5795 MHz | 17.39 | 18.88 | 17.81 | 22.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.82 | 18.04 | 16.91 | 22.06 | 30.00 | Complies |
| | 5775 MHz | 13.31 | 14.83 | 14.26 | 18.95 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 19.31 | 20.91 | 19.91 | 20.71 | 26.28 | 30.00 | Complies |
| | 5200 MHz | 19.53 | 20.97 | 19.91 | 20.68 | 26.33 | 30.00 | Complies |
| | 5240 MHz | 20.11 | 20.98 | 20.09 | 20.79 | 26.53 | 30.00 | Complies |
| | 5745 MHz | 16.65 | 16.52 | 17.66 | 18.18 | 23.33 | 30.00 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 30.00 | Complies |
| | 5825 MHz | 18.56 | 18.45 | 20.01 | 20.29 | 25.43 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 30.00 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 30.00 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 30.00 | Complies |
| | 5745 MHz | 15.89 | 15.81 | 17.14 | 17.49 | 22.67 | 30.00 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 30.00 | Complies |
| | 5825 MHz | 16.58 | 16.47 | 17.72 | 18.08 | 23.29 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.69 | 18.02 | 19.15 | 19.33 | 24.62 | 30.00 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 30.00 | Complies |
| | 5755 MHz | 12.59 | 13.22 | 12.48 | 14.31 | 19.23 | 30.00 | Complies |
| | 5795 MHz | 16.07 | 17.18 | 15.88 | 17.82 | 22.83 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.29 | 16.76 | 15.31 | 16.42 | 22.02 | 30.00 | Complies |
| | 5775 MHz | 12.04 | 13.35 | 12.83 | 13.04 | 18.86 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 19.13 | 30.00 | Complies |
| | 5200 MHz | 19.02 | 30.00 | Complies |
| | 5240 MHz | 19.09 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 30.00 | Complies |
| | 5200 MHz | 18.81 | 30.00 | Complies |
| | 5240 MHz | 19.02 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.04 | 30.00 | Complies |
| | 5230 MHz | 19.09 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 19.02 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 15.33 | 16.72 | 19.09 | 30.00 | Complies |
| | 5200 MHz | 15.24 | 16.85 | 19.13 | 30.00 | Complies |
| | 5240 MHz | 15.14 | 16.91 | 19.12 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 15.32 | 16.65 | 19.05 | 30.00 | Complies |
| | 5200 MHz | 14.91 | 16.58 | 18.84 | 30.00 | Complies |
| | 5240 MHz | 14.87 | 16.77 | 18.93 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 15.81 | 16.05 | 18.94 | 30.00 | Complies |
| | 5230 MHz | 15.81 | 16.28 | 19.06 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.02 | 16.69 | 18.95 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 13.33 | 14.61 | 14.19 | 18.85 | 30.00 | Complies |
| | 5200 MHz | 13.32 | 14.83 | 14.40 | 19.00 | 30.00 | Complies |
| | 5240 MHz | 13.37 | 14.89 | 14.53 | 19.08 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 13.57 | 14.81 | 14.33 | 19.04 | 30.00 | Complies |
| | 5200 MHz | 13.35 | 14.74 | 14.31 | 18.94 | 30.00 | Complies |
| | 5240 MHz | 13.42 | 14.08 | 14.50 | 18.79 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 13.83 | 14.20 | 14.81 | 19.07 | 30.00 | Complies |
| | 5230 MHz | 13.73 | 14.18 | 14.78 | 19.02 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 13.59 | 15.16 | 13.49 | 18.92 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 12.36 | 13.41 | 13.02 | 13.13 | 19.02 | 30.00 | Complies |
| | 5200 MHz | 12.32 | 13.51 | 13.28 | 13.18 | 19.12 | 30.00 | Complies |
| | 5240 MHz | 11.98 | 13.59 | 13.04 | 13.17 | 19.00 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.25 | 13.57 | 13.08 | 13.11 | 19.05 | 30.00 | Complies |
| | 5200 MHz | 12.24 | 13.87 | 13.14 | 12.66 | 19.04 | 30.00 | Complies |
| | 5240 MHz | 12.21 | 13.56 | 13.15 | 13.39 | 19.13 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.52 | 12.87 | 13.42 | 13.54 | 19.13 | 30.00 | Complies |
| | 5230 MHz | 12.48 | 12.94 | 13.32 | 13.62 | 19.13 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 12.48 | 13.71 | 11.61 | 13.81 | 19.02 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 30.00 | Complies |
| | 5200 MHz | 20.91 | 30.00 | Complies |
| | 5240 MHz | 20.96 | 30.00 | Complies |
| | 5745 MHz | 20.96 | 30.00 | Complies |
| | 5785 MHz | 20.95 | 30.00 | Complies |
| | 5825 MHz | 20.85 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 30.00 | Complies |
| | 5200 MHz | 20.97 | 30.00 | Complies |
| | 5240 MHz | 20.94 | 30.00 | Complies |
| | 5745 MHz | 20.72 | 30.00 | Complies |
| | 5785 MHz | 20.91 | 30.00 | Complies |
| | 5825 MHz | 20.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.93 | 30.00 | Complies |
| | 5230 MHz | 20.99 | 30.00 | Complies |
| | 5755 MHz | 20.05 | 30.00 | Complies |
| | 5795 MHz | 20.94 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 20.85 | 30.00 | Complies |
| | 5775 MHz | 19.03 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 30.00 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 30.00 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 30.00 | Complies |
| | 5745 MHz | 18.91 | 18.82 | 21.88 | 30.00 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 30.00 | Complies |
| | 5825 MHz | 20.89 | 20.60 | 23.76 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 18.39 | 18.43 | 21.42 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 20.04 | 19.73 | 22.90 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.99 | 20.25 | 23.13 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 15.06 | 16.44 | 18.81 | 30.00 | Complies |
| | 5795 MHz | 19.01 | 20.12 | 22.61 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.87 | 19.72 | 21.90 | 30.00 | Complies |
| | 5775 MHz | 15.78 | 17.32 | 19.63 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 20.07 | 20.94 | 20.11 | 25.16 | 30.00 | Complies |
| | 5200 MHz | 19.88 | 20.98 | 20.05 | 25.10 | 30.00 | Complies |
| | 5240 MHz | 20.21 | 20.97 | 20.11 | 25.22 | 30.00 | Complies |
| | 5745 MHz | 17.72 | 17.57 | 19.26 | 23.02 | 30.00 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 30.00 | Complies |
| | 5825 MHz | 19.63 | 19.43 | 20.99 | 24.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.52 | 17.51 | 18.71 | 22.72 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 18.89 | 18.53 | 19.82 | 24.02 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.08 | 18.78 | 19.81 | 25.18 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 20.57 | 30.00 | Complies |
| | 5755 MHz | 15.23 | 16.49 | 15.58 | 24.10 | 30.00 | Complies |
| | 5795 MHz | 18.78 | 19.77 | 19.38 | 24.02 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.14 | 19.17 | 18.15 | 23.29 | 30.00 | Complies |
| | 5775 MHz | 15.08 | 15.86 | 15.67 | 20.32 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 19.31 | 20.91 | 19.91 | 20.71 | 26.28 | 30.00 | Complies |
| | 5200 MHz | 19.53 | 20.97 | 19.91 | 20.68 | 26.33 | 30.00 | Complies |
| | 5240 MHz | 20.11 | 20.98 | 20.09 | 20.79 | 26.53 | 30.00 | Complies |
| | 5745 MHz | 16.55 | 16.84 | 17.91 | 18.58 | 23.57 | 30.00 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 30.00 | Complies |
| | 5825 MHz | 19.42 | 19.37 | 20.76 | 20.96 | 26.21 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 30.00 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 30.00 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 30.00 | Complies |
| | 5745 MHz | 15.89 | 15.99 | 16.99 | 17.74 | 22.74 | 30.00 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 30.00 | Complies |
| | 5825 MHz | 16.91 | 17.30 | 18.23 | 19.16 | 24.01 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.61 | 19.68 | 20.59 | 20.32 | 26.09 | 30.00 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 30.00 | Complies |
| | 5755 MHz | 13.18 | 13.94 | 13.07 | 15.18 | 19.95 | 30.00 | Complies |
| | 5795 MHz | 17.21 | 18.15 | 16.82 | 19.05 | 23.92 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.01 | 18.02 | 16.09 | 17.52 | 23.24 | 30.00 | Complies |
| | 5775 MHz | 13.13 | 14.15 | 13.57 | 14.19 | 19.80 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.36 | 30.00 | Complies |
| | 5200 MHz | 20.37 | 30.00 | Complies |
| | 5240 MHz | 20.26 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.21 | 30.00 | Complies |
| | 5200 MHz | 20.10 | 30.00 | Complies |
| | 5240 MHz | 20.15 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.23 | 30.00 | Complies |
| | 5230 MHz | 20.33 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 20.14 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 16.44 | 17.93 | 20.26 | 30.00 | Complies |
| | 5200 MHz | 16.53 | 18.06 | 20.37 | 30.00 | Complies |
| | 5240 MHz | 16.12 | 17.97 | 20.15 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 16.53 | 17.94 | 20.30 | 30.00 | Complies |
| | 5200 MHz | 16.49 | 18.11 | 20.39 | 30.00 | Complies |
| | 5240 MHz | 16.14 | 17.89 | 20.11 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.23 | 17.49 | 20.37 | 30.00 | Complies |
| | 5230 MHz | 17.17 | 17.57 | 20.38 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.31 | 17.92 | 20.20 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 14.88 | 15.94 | 15.56 | 20.25 | 30.00 | Complies |
| | 5200 MHz | 14.94 | 15.23 | 16.06 | 20.21 | 30.00 | Complies |
| | 5240 MHz | 14.85 | 15.68 | 16.01 | 20.31 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 14.77 | 16.22 | 15.41 | 20.28 | 30.00 | Complies |
| | 5200 MHz | 14.72 | 16.16 | 15.68 | 20.33 | 30.00 | Complies |
| | 5240 MHz | 14.42 | 16.21 | 15.57 | 20.23 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 15.07 | 15.05 | 16.12 | 20.21 | 30.00 | Complies |
| | 5230 MHz | 14.86 | 15.16 | 16.16 | 20.20 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.81 | 16.25 | 14.86 | 20.13 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 13.55 | 14.72 | 14.12 | 14.24 | 20.20 | 30.00 | Complies |
| | 5200 MHz | 13.46 | 14.92 | 14.36 | 14.08 | 20.26 | 30.00 | Complies |
| | 5240 MHz | 13.17 | 14.68 | 14.42 | 14.51 | 20.25 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 13.77 | 14.71 | 14.31 | 14.42 | 20.34 | 30.00 | Complies |
| | 5200 MHz | 13.59 | 15.04 | 14.46 | 14.22 | 20.38 | 30.00 | Complies |
| | 5240 MHz | 13.43 | 14.90 | 14.62 | 14.37 | 20.38 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 13.89 | 14.01 | 14.56 | 14.88 | 20.37 | 30.00 | Complies |
| | 5230 MHz | 13.41 | 14.06 | 14.43 | 15.13 | 20.32 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 13.72 | 14.84 | 13.10 | 14.84 | 20.21 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 1TX) | | |

For indoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 30.00 | Complies |
| | 5200 MHz | 20.91 | 30.00 | Complies |
| | 5240 MHz | 20.96 | 30.00 | Complies |
| | 5745 MHz | 20.15 | 30.00 | Complies |
| | 5785 MHz | 20.95 | 30.00 | Complies |
| | 5825 MHz | 20.85 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 30.00 | Complies |
| | 5200 MHz | 20.97 | 30.00 | Complies |
| | 5240 MHz | 20.94 | 30.00 | Complies |
| | 5745 MHz | 20.51 | 30.00 | Complies |
| | 5785 MHz | 20.91 | 30.00 | Complies |
| | 5825 MHz | 20.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 20.66 | 30.00 | Complies |
| | 5230 MHz | 20.99 | 30.00 | Complies |
| | 5755 MHz | 19.73 | 30.00 | Complies |
| | 5795 MHz | 20.94 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 20.78 | 30.00 | Complies |
| | 5775 MHz | 18.91 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 30.00 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 30.00 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 30.00 | Complies |
| | 5745 MHz | 19.36 | 19.33 | 22.36 | 30.00 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 30.00 | Complies |
| | 5825 MHz | 20.89 | 20.60 | 23.76 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 18.74 | 18.62 | 21.69 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 20.58 | 20.33 | 23.47 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.23 | 19.77 | 22.52 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 15.43 | 16.95 | 19.27 | 30.00 | Complies |
| | 5795 MHz | 19.25 | 20.45 | 22.90 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.91 | 18.88 | 21.02 | 30.00 | Complies |
| | 5775 MHz | 14.92 | 16.21 | 18.62 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 20.07 | 20.94 | 20.11 | 25.16 | 30.00 | Complies |
| | 5200 MHz | 19.88 | 20.98 | 20.05 | 25.10 | 30.00 | Complies |
| | 5240 MHz | 20.21 | 20.97 | 20.11 | 25.22 | 30.00 | Complies |
| | 5745 MHz | 19.39 | 19.15 | 20.52 | 24.50 | 30.00 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 30.00 | Complies |
| | 5825 MHz | 19.63 | 19.43 | 20.99 | 24.84 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.99 | 18.01 | 19.46 | 23.31 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 19.15 | 19.04 | 20.66 | 24.45 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.34 | 19.20 | 20.22 | 24.38 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 15.97 | 16.88 | 16.24 | 21.15 | 30.00 | Complies |
| | 5795 MHz | 18.65 | 19.84 | 18.86 | 23.92 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.06 | 18.56 | 17.14 | 22.41 | 30.00 | Complies |
| | 5775 MHz | 15.46 | 16.67 | 16.03 | 20.85 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 14, 2015 ~ Oct. 21, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 19.31 | 20.91 | 19.91 | 20.71 | 26.28 | 30.00 | Complies |
| | 5200 MHz | 19.53 | 20.97 | 19.91 | 20.68 | 26.33 | 30.00 | Complies |
| | 5240 MHz | 20.11 | 20.98 | 20.09 | 20.79 | 26.53 | 30.00 | Complies |
| | 5745 MHz | 17.71 | 19.58 | 18.46 | 18.21 | 24.57 | 30.00 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 30.00 | Complies |
| | 5825 MHz | 19.22 | 18.98 | 20.54 | 20.85 | 25.99 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 30.00 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 30.00 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 30.00 | Complies |
| | 5745 MHz | 16.52 | 16.44 | 18.34 | 18.33 | 23.53 | 30.00 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 30.00 | Complies |
| | 5825 MHz | 17.35 | 17.60 | 19.06 | 18.90 | 24.31 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.91 | 19.98 | 20.89 | 20.82 | 26.44 | 30.00 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 30.00 | Complies |
| | 5755 MHz | 14.41 | 15.73 | 14.69 | 16.84 | 21.55 | 30.00 | Complies |
| | 5795 MHz | 16.03 | 17.47 | 17.52 | 18.54 | 23.50 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.18 | 18.85 | 17.17 | 18.27 | 23.95 | 30.00 | Complies |
| | 5775 MHz | 14.15 | 15.86 | 15.07 | 15.31 | 21.16 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi / 1TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 20.81 | 29.20 | Complies |
| | 5200 MHz | 20.91 | 29.20 | Complies |
| | 5240 MHz | 20.96 | 29.20 | Complies |
| | 5745 MHz | 19.78 | 29.20 | Complies |
| | 5785 MHz | 20.95 | 29.20 | Complies |
| | 5825 MHz | 20.12 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 20.95 | 29.20 | Complies |
| | 5200 MHz | 20.97 | 29.20 | Complies |
| | 5240 MHz | 20.94 | 29.20 | Complies |
| | 5745 MHz | 19.52 | 29.20 | Complies |
| | 5785 MHz | 20.91 | 29.20 | Complies |
| | 5825 MHz | 20.08 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.94 | 29.20 | Complies |
| | 5230 MHz | 20.99 | 29.20 | Complies |
| | 5755 MHz | 18.02 | 29.20 | Complies |
| | 5795 MHz | 19.44 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 18.78 | 29.20 | Complies |
| | 5775 MHz | 18.07 | 29.20 | Complies |

Note: Antenna gain=6.80dBi >6dBi, so the limit 30-(6.80-6)=29.20dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 19.87 | 20.81 | 23.38 | 29.20 | Complies |
| | 5200 MHz | 19.17 | 20.78 | 23.06 | 29.20 | Complies |
| | 5240 MHz | 19.44 | 20.93 | 23.26 | 29.20 | Complies |
| | 5745 MHz | 18.21 | 17.99 | 21.11 | 29.20 | Complies |
| | 5785 MHz | 20.88 | 20.53 | 23.72 | 29.20 | Complies |
| | 5825 MHz | 20.52 | 20.33 | 23.44 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 29.20 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 29.20 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 29.20 | Complies |
| | 5745 MHz | 17.52 | 17.26 | 20.40 | 29.20 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 29.20 | Complies |
| | 5825 MHz | 19.72 | 19.62 | 22.68 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.83 | 17.76 | 20.81 | 29.20 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 29.20 | Complies |
| | 5755 MHz | 14.97 | 15.76 | 18.39 | 29.20 | Complies |
| | 5795 MHz | 18.35 | 19.66 | 22.06 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.69 | 17.35 | 19.61 | 29.20 | Complies |
| | 5775 MHz | 13.85 | 15.44 | 17.73 | 29.20 | Complies |

Note: Antenna gain=6.80dBi >6dBi, so the limit 30-(6.80-6)=29.20dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 19.53 | 20.54 | 19.53 | 24.66 | 29.20 | Complies |
| | 5200 MHz | 19.26 | 20.51 | 19.54 | 24.57 | 29.20 | Complies |
| | 5240 MHz | 19.68 | 20.39 | 19.63 | 24.69 | 29.20 | Complies |
| | 5745 MHz | 17.33 | 17.22 | 18.46 | 22.48 | 29.20 | Complies |
| | 5785 MHz | 19.16 | 19.07 | 20.98 | 24.60 | 29.20 | Complies |
| | 5825 MHz | 18.11 | 18.25 | 19.86 | 23.59 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.24 | 19.57 | 19.10 | 23.78 | 29.20 | Complies |
| | 5200 MHz | 19.12 | 20.67 | 19.68 | 24.64 | 29.20 | Complies |
| | 5240 MHz | 19.36 | 20.74 | 19.36 | 24.64 | 29.20 | Complies |
| | 5745 MHz | 16.76 | 16.44 | 18.29 | 22.01 | 29.20 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 29.20 | Complies |
| | 5825 MHz | 17.99 | 18.08 | 19.36 | 23.29 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.49 | 17.58 | 18.23 | 22.55 | 29.20 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 29.20 | Complies |
| | 5755 MHz | 13.65 | 14.74 | 13.78 | 18.86 | 29.20 | Complies |
| | 5795 MHz | 17.49 | 19.08 | 17.91 | 22.98 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.41 | 16.79 | 15.36 | 20.68 | 29.20 | Complies |
| | 5775 MHz | 12.41 | 13.95 | 13.26 | 18.02 | 29.20 | Complies |

Note: Antenna gain=6.80dBi >6dBi, so the limit 30-(6.80-6)=29.20dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 17.12 | 18.32 | 17.54 | 17.82 | 23.74 | 29.20 | Complies |
| | 5200 MHz | 16.74 | 18.63 | 17.58 | 17.93 | 23.79 | 29.20 | Complies |
| | 5240 MHz | 16.72 | 18.36 | 17.46 | 17.93 | 23.68 | 29.20 | Complies |
| | 5745 MHz | 15.02 | 15.08 | 16.74 | 16.96 | 22.06 | 29.20 | Complies |
| | 5785 MHz | 19.37 | 19.22 | 20.87 | 20.98 | 26.21 | 29.20 | Complies |
| | 5825 MHz | 16.71 | 16.77 | 18.35 | 18.71 | 23.75 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 17.13 | 17.39 | 17.76 | 17.74 | 23.53 | 29.20 | Complies |
| | 5200 MHz | 16.72 | 18.34 | 17.69 | 17.93 | 23.73 | 29.20 | Complies |
| | 5240 MHz | 16.74 | 17.23 | 17.48 | 18.23 | 23.47 | 29.20 | Complies |
| | 5745 MHz | 15.89 | 15.81 | 17.14 | 17.49 | 22.67 | 29.20 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 29.20 | Complies |
| | 5825 MHz | 16.76 | 16.44 | 18.21 | 18.06 | 23.46 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.92 | 17.55 | 18.42 | 18.33 | 23.87 | 29.20 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 29.20 | Complies |
| | 5755 MHz | 13.18 | 13.94 | 13.07 | 15.18 | 19.95 | 29.20 | Complies |
| | 5795 MHz | 15.46 | 16.86 | 15.94 | 17.32 | 22.48 | 29.20 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.01 | 18.02 | 16.09 | 17.52 | 23.24 | 29.20 | Complies |
| | 5775 MHz | 11.72 | 13.22 | 12.67 | 13.12 | 18.74 | 29.20 | Complies |

Note: Antenna gain=6.80dBi >6dBi, so the limit 30-(6.80-6)=29.20dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi / 1TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | Max. Limit (dBm) | Result |
|---|---|---|---|---|
| | | Chain 1 | | |
| 802.11a | 5180 MHz | 17.57 | 30.00 | Complies |
| | 5200 MHz | 17.54 | 30.00 | Complies |
| | 5240 MHz | 17.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 17.42 | 30.00 | Complies |
| | 5200 MHz | 17.48 | 30.00 | Complies |
| | 5240 MHz | 17.45 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.41 | 30.00 | Complies |
| | 5230 MHz | 17.31 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.49 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Eddie Weng | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11a | 5180 MHz | 13.48 | 15.29 | 17.49 | 30.00 | Complies |
| | 5200 MHz | 13.33 | 15.08 | 17.30 | 30.00 | Complies |
| | 5240 MHz | 13.54 | 15.22 | 17.47 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 13.44 | 15.38 | 17.53 | 30.00 | Complies |
| | 5200 MHz | 13.21 | 15.12 | 17.28 | 30.00 | Complies |
| | 5240 MHz | 13.47 | 15.27 | 17.47 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 14.03 | 14.98 | 17.54 | 30.00 | Complies |
| | 5230 MHz | 14.13 | 14.71 | 17.44 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 13.30 | 15.21 | 17.37 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11a | 5180 MHz | 11.57 | 13.46 | 12.94 | 17.50 | 30.00 | Complies |
| | 5200 MHz | 11.29 | 13.59 | 12.91 | 17.47 | 30.00 | Complies |
| | 5240 MHz | 11.54 | 13.41 | 12.82 | 17.43 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 11.52 | 13.18 | 12.90 | 17.36 | 30.00 | Complies |
| | 5200 MHz | 11.42 | 13.08 | 13.09 | 17.37 | 30.00 | Complies |
| | 5240 MHz | 11.63 | 13.22 | 12.81 | 17.38 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 11.56 | 12.34 | 13.46 | 17.30 | 30.00 | Complies |
| | 5230 MHz | 11.95 | 12.54 | 13.21 | 17.37 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 11.52 | 13.46 | 12.13 | 17.22 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11a | 5180 MHz | 10.88 | 12.17 | 11.57 | 11.26 | 17.52 | 30.00 | Complies |
| | 5200 MHz | 10.42 | 11.86 | 11.56 | 11.13 | 17.30 | 30.00 | Complies |
| | 5240 MHz | 10.97 | 12.26 | 11.61 | 11.23 | 17.57 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 10.84 | 12.08 | 11.58 | 11.09 | 17.44 | 30.00 | Complies |
| | 5200 MHz | 10.74 | 11.83 | 11.58 | 11.24 | 17.39 | 30.00 | Complies |
| | 5240 MHz | 10.97 | 12.20 | 11.62 | 11.21 | 17.55 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 10.23 | 10.92 | 12.12 | 11.47 | 17.26 | 30.00 | Complies |
| | 5230 MHz | 10.82 | 11.34 | 12.07 | 11.36 | 17.44 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 10.44 | 12.42 | 9.84 | 12.13 | 17.36 | 30.00 | Complies |

**For Beamforming Mode**

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 29.03 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 29.03 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 29.03 | Complies |
| | 5745 MHz | 16.75 | 16.53 | 19.65 | 29.03 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 29.03 | Complies |
| | 5825 MHz | 19.05 | 18.64 | 21.86 | 29.03 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.18 | 17.04 | 20.12 | 29.03 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 29.03 | Complies |
| | 5755 MHz | 13.76 | 14.67 | 17.25 | 29.03 | Complies |
| | 5795 MHz | 18.72 | 19.97 | 22.40 | 29.03 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.01 | 17.37 | 19.75 | 29.03 | Complies |
| | 5775 MHz | 14.18 | 14.92 | 17.58 | 29.03 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.97dBi >6dBi, so the limit 30-(6.97-6)=29.03dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 17.54 | 18.81 | 17.96 | 22.91 | 27.27 | Complies |
| | 5200 MHz | 17.38 | 19.14 | 17.87 | 22.97 | 27.27 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 27.27 | Complies |
| | 5745 MHz | 14.74 | 14.53 | 16.31 | 20.04 | 27.27 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 27.27 | Complies |
| | 5825 MHz | 17.72 | 17.83 | 19.10 | 23.03 | 27.27 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.21 | 16.27 | 17.01 | 21.28 | 27.27 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 27.27 | Complies |
| | 5755 MHz | 12.74 | 13.69 | 12.83 | 17.88 | 27.27 | Complies |
| | 5795 MHz | 16.74 | 18.26 | 17.23 | 22.23 | 27.27 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.74 | 16.99 | 15.61 | 20.93 | 27.27 | Complies |
| | 5775 MHz | 13.31 | 14.83 | 14.26 | 18.95 | 27.27 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.73dBi >6dBi, so the limit 30-(8.73-6)=27.27dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 13.76 | 15.01 | 14.28 | 14.29 | 20.38 | 26.02 | Complies |
| | 5200 MHz | 15.38 | 16.92 | 16.41 | 16.55 | 22.37 | 26.02 | Complies |
| | 5240 MHz | 19.33 | 20.62 | 19.66 | 20.21 | 26.00 | 26.02 | Complies |
| | 5745 MHz | 14.21 | 14.23 | 15.52 | 15.74 | 21.00 | 26.02 | Complies |
| | 5785 MHz | 17.58 | 18.01 | 19.14 | 19.18 | 24.55 | 26.02 | Complies |
| | 5825 MHz | 14.22 | 14.21 | 16.01 | 15.81 | 21.17 | 26.02 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.96 | 16.61 | 17.61 | 17.64 | 23.25 | 26.02 | Complies |
| | 5230 MHz | 18.99 | 19.28 | 20.46 | 20.49 | 25.88 | 26.02 | Complies |
| | 5755 MHz | 11.26 | 12.01 | 11.26 | 13.14 | 18.01 | 26.02 | Complies |
| | 5795 MHz | 15.11 | 16.20 | 14.84 | 16.79 | 21.83 | 26.02 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.69 | 16.17 | 14.72 | 15.84 | 21.43 | 26.02 | Complies |
| | 5775 MHz | 10.88 | 13.14 | 11.57 | 11.68 | 17.92 | 26.02 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =9.98dBi >6dBi, so the limit 30-(9.98-6)=26.02dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 11.75 | 13.05 | 15.46 | 30.00 | Complies |
| | 5200 MHz | 11.72 | 13.03 | 15.43 | 30.00 | Complies |
| | 5240 MHz | 11.74 | 13.21 | 15.55 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.24 | 12.76 | 15.52 | 30.00 | Complies |
| | 5230 MHz | 12.19 | 13.03 | 15.64 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 11.84 | 13.14 | 15.55 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 8.41 | 9.15 | 8.98 | 13.63 | 28.89 | Complies |
| | 5200 MHz | 8.55 | 9.56 | 8.77 | 13.75 | 28.89 | Complies |
| | 5240 MHz | 8.35 | 9.90 | 8.91 | 13.87 | 28.89 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 8.32 | 8.95 | 9.80 | 13.84 | 28.89 | Complies |
| | 5230 MHz | 8.63 | 8.86 | 9.29 | 13.71 | 28.89 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 8.86 | 9.78 | 8.33 | 13.80 | 28.89 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.11dBi >6dBi, so the limit 30-(7.11-6)=28.89dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 5.94 | 6.94 | 6.01 | 6.35 | 12.35 | 27.64 | Complies |
| | 5200 MHz | 6.14 | 7.28 | 6.37 | 6.58 | 12.63 | 27.64 | Complies |
| | 5240 MHz | 5.71 | 7.10 | 6.11 | 6.24 | 12.34 | 27.64 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 5.86 | 6.34 | 6.62 | 6.98 | 12.49 | 27.64 | Complies |
| | 5230 MHz | 6.03 | 6.27 | 6.92 | 6.90 | 12.57 | 27.64 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 6.29 | 7.29 | 5.46 | 7.15 | 12.63 | 27.64 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.36dBi >6dBi, so the limit 30-(8.36-6)=27.64dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 17.76 | 17.58 | 20.68 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 20.82 | 20.42 | 23.63 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.01 | 19.24 | 22.14 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 14.47 | 15.39 | 17.96 | 30.00 | Complies |
| | 5795 MHz | 18.64 | 19.82 | 22.28 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.64 | 18.59 | 20.73 | 30.00 | Complies |
| | 5775 MHz | 13.85 | 15.44 | 17.73 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 17.52 | 17.51 | 18.71 | 22.72 | 30.00 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 30.00 | Complies |
| | 5825 MHz | 17.42 | 17.61 | 18.84 | 22.77 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.29 | 18.34 | 19.18 | 23.39 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 15.23 | 16.49 | 15.58 | 20.57 | 30.00 | Complies |
| | 5795 MHz | 18.41 | 19.62 | 18.59 | 23.68 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.82 | 18.04 | 16.91 | 22.06 | 30.00 | Complies |
| | 5775 MHz | 13.83 | 15.34 | 14.79 | 19.47 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 28.90 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 28.90 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 28.90 | Complies |
| | 5745 MHz | 15.26 | 15.69 | 16.64 | 16.99 | 22.22 | 28.90 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 28.90 | Complies |
| | 5825 MHz | 16.92 | 17.02 | 18.34 | 18.61 | 23.81 | 28.90 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.96 | 19.02 | 19.84 | 19.85 | 25.46 | 28.90 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 28.90 | Complies |
| | 5755 MHz | 12.69 | 14.22 | 13.26 | 14.85 | 19.86 | 28.90 | Complies |
| | 5795 MHz | 15.66 | 16.63 | 15.78 | 17.77 | 22.57 | 28.90 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.21 | 17.93 | 16.14 | 17.22 | 22.96 | 28.90 | Complies |
| | 5775 MHz | 13.13 | 14.44 | 13.98 | 13.88 | 19.90 | 28.90 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.10dBi >6dBi, so the limit 30-(7.10-6)=28.90dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 14.79 | 16.11 | 18.51 | 30.00 | Complies |
| | 5200 MHz | 14.69 | 16.31 | 18.59 | 30.00 | Complies |
| | 5240 MHz | 14.62 | 16.27 | 18.53 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 15.53 | 15.51 | 18.53 | 30.00 | Complies |
| | 5230 MHz | 15.33 | 15.64 | 18.50 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.61 | 16.30 | 18.55 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 11.41 | 12.78 | 12.20 | 16.94 | 30.00 | Complies |
| | 5200 MHz | 11.24 | 12.83 | 12.56 | 17.03 | 30.00 | Complies |
| | 5240 MHz | 11.44 | 12.83 | 12.57 | 17.09 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 11.72 | 12.23 | 12.92 | 17.09 | 30.00 | Complies |
| | 5230 MHz | 11.58 | 12.02 | 12.83 | 16.95 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 11.75 | 13.37 | 11.86 | 17.16 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 10.35 | 11.16 | 10.23 | 10.98 | 16.72 | 30.00 | Complies |
| | 5200 MHz | 10.32 | 11.21 | 10.54 | 10.47 | 16.67 | 30.00 | Complies |
| | 5240 MHz | 10.33 | 11.21 | 10.45 | 10.76 | 16.72 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 10.12 | 10.32 | 11.06 | 11.21 | 16.72 | 30.00 | Complies |
| | 5230 MHz | 10.11 | 10.13 | 11.09 | 11.31 | 16.71 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 10.06 | 11.03 | 10.12 | 11.33 | 16.69 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 17.52 | 17.26 | 20.40 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 19.73 | 19.33 | 22.54 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.62 | 17.54 | 20.59 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 14.47 | 15.39 | 17.96 | 30.00 | Complies |
| | 5795 MHz | 18.35 | 19.66 | 22.06 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.21 | 17.87 | 20.13 | 30.00 | Complies |
| | 5775 MHz | 14.17 | 15.73 | 18.03 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.18 | 19.74 | 18.65 | 23.68 | 28.57 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 28.57 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 28.57 | Complies |
| | 5745 MHz | 16.20 | 16.28 | 17.55 | 21.49 | 28.57 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 28.57 | Complies |
| | 5825 MHz | 17.42 | 17.06 | 18.42 | 22.44 | 28.57 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.73 | 16.85 | 17.54 | 21.83 | 28.57 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 28.57 | Complies |
| | 5755 MHz | 13.65 | 14.74 | 13.78 | 18.86 | 28.57 | Complies |
| | 5795 MHz | 17.39 | 18.88 | 17.81 | 22.84 | 28.57 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.94 | 17.39 | 15.81 | 21.21 | 28.57 | Complies |
| | 5775 MHz | 12.41 | 13.95 | 13.26 | 18.02 | 28.57 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.43dBi >6dBi, so the limit 30-(7.43-6)=28.57dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2018 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 27.32 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 27.32 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 27.32 | Complies |
| | 5745 MHz | 15.68 | 15.59 | 16.89 | 17.21 | 22.42 | 27.32 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 27.32 | Complies |
| | 5825 MHz | 16.58 | 16.47 | 17.72 | 18.08 | 23.29 | 27.32 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.20 | 17.47 | 18.66 | 18.79 | 24.11 | 27.32 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 27.32 | Complies |
| | 5755 MHz | 11.88 | 12.48 | 11.73 | 13.66 | 18.53 | 27.32 | Complies |
| | 5795 MHz | 16.07 | 17.18 | 15.88 | 17.82 | 22.83 | 27.32 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.29 | 16.76 | 15.31 | 16.42 | 22.02 | 27.32 | Complies |
| | 5775 MHz | 11.42 | 13.72 | 12.17 | 12.33 | 18.51 | 27.32 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.68dBi >6dBi, so the limit 30-(8.68-6)=27.32dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.53 | 13.37 | 15.98 | 30.00 | Complies |
| | 5200 MHz | 12.46 | 13.65 | 16.11 | 30.00 | Complies |
| | 5240 MHz | 12.31 | 13.71 | 16.08 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.84 | 13.32 | 16.10 | 30.00 | Complies |
| | 5230 MHz | 12.63 | 13.14 | 15.90 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 12.36 | 13.70 | 16.09 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 9.32 | 9.75 | 9.51 | 14.30 | 29.40 | Complies |
| | 5200 MHz | 8.91 | 10.38 | 9.25 | 14.33 | 29.40 | Complies |
| | 5240 MHz | 8.96 | 10.20 | 9.41 | 14.33 | 29.40 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 8.85 | 8.91 | 10.23 | 14.15 | 29.40 | Complies |
| | 5230 MHz | 9.14 | 9.28 | 9.72 | 14.16 | 29.40 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 9.37 | 10.35 | 8.72 | 14.30 | 29.40 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.60dBi >6dBi, so the limit 30-(6.60-6)=29.40dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 6.52 | 7.31 | 6.58 | 6.83 | 12.84 | 28.12 | Complies |
| | 5200 MHz | 6.30 | 7.51 | 6.98 | 6.81 | 12.94 | 28.12 | Complies |
| | 5240 MHz | 6.47 | 7.74 | 6.80 | 7.04 | 13.06 | 28.12 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 6.28 | 6.81 | 7.52 | 7.32 | 13.03 | 28.12 | Complies |
| | 5230 MHz | 6.52 | 6.83 | 7.36 | 7.56 | 13.11 | 28.12 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 6.44 | 7.43 | 5.65 | 7.61 | 12.87 | 28.12 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.88dBi >6dBi, so the limit 30-(7.88-6)=28.12dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 30.00 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 30.00 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 30.00 | Complies |
| | 5745 MHz | 18.15 | 17.95 | 21.06 | 30.00 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 30.00 | Complies |
| | 5825 MHz | 18.08 | 17.69 | 20.90 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 18.72 | 19.24 | 22.00 | 30.00 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 30.00 | Complies |
| | 5755 MHz | 14.47 | 15.39 | 17.96 | 30.00 | Complies |
| | 5795 MHz | 18.12 | 19.39 | 21.81 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.76 | 18.36 | 20.64 | 30.00 | Complies |
| | 5775 MHz | 14.17 | 15.73 | 18.03 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.01 | 20.39 | 19.62 | 24.48 | 30.00 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 30.00 | Complies |
| | 5240 MHz | 19.56 | 20.97 | 19.65 | 24.88 | 30.00 | Complies |
| | 5745 MHz | 16.19 | 16.02 | 18.12 | 21.66 | 30.00 | Complies |
| | 5785 MHz | 19.14 | 19.03 | 20.72 | 24.47 | 30.00 | Complies |
| | 5825 MHz | 17.24 | 16.74 | 18.20 | 22.21 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.73 | 16.85 | 17.54 | 21.83 | 30.00 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 30.00 | Complies |
| | 5755 MHz | 13.14 | 14.52 | 13.54 | 18.54 | 30.00 | Complies |
| | 5795 MHz | 18.41 | 19.62 | 18.59 | 23.68 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.94 | 17.39 | 15.81 | 21.21 | 30.00 | Complies |
| | 5775 MHz | 11.27 | 12.67 | 12.24 | 16.87 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 18.15 | 19.92 | 18.72 | 19.45 | 25.13 | 29.10 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 29.10 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 29.10 | Complies |
| | 5745 MHz | 15.11 | 15.33 | 16.31 | 17.02 | 22.03 | 29.10 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 29.10 | Complies |
| | 5825 MHz | 16.22 | 16.58 | 17.55 | 18.42 | 23.30 | 29.10 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.69 | 17.75 | 18.52 | 18.39 | 24.12 | 29.10 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 29.10 | Complies |
| | 5755 MHz | 13.18 | 13.94 | 13.07 | 15.18 | 19.95 | 29.10 | Complies |
| | 5795 MHz | 15.58 | 16.49 | 15.01 | 17.32 | 22.21 | 29.10 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.01 | 18.02 | 16.09 | 17.52 | 23.24 | 29.10 | Complies |
| | 5775 MHz | 12.19 | 13.21 | 12.59 | 13.28 | 18.86 | 29.10 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.90dBi >6dBi, so the limit 30-(6.90-6)=29.10dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX) | | |

For outdoor use

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 16.53 | 17.94 | 20.30 | 30.00 | Complies |
| | 5200 MHz | 16.49 | 18.11 | 20.39 | 30.00 | Complies |
| | 5240 MHz | 16.14 | 17.89 | 20.11 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.23 | 17.49 | 20.37 | 30.00 | Complies |
| | 5230 MHz | 17.17 | 17.57 | 20.38 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.31 | 17.92 | 20.20 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 12.98 | 14.37 | 13.54 | 18.44 | 30.00 | Complies |
| | 5200 MHz | 12.79 | 14.43 | 13.76 | 18.48 | 30.00 | Complies |
| | 5240 MHz | 12.49 | 14.32 | 13.67 | 18.33 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 12.48 | 13.26 | 14.88 | 18.43 | 30.00 | Complies |
| | 5230 MHz | 12.98 | 13.45 | 14.56 | 18.49 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 12.98 | 13.89 | 13.86 | 18.37 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Nov. 29, 2015 |
| Test Mode | Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 10.78 | 11.32 | 11.31 | 11.21 | 17.18 | 30.00 | Complies |
| | 5200 MHz | 10.77 | 11.45 | 11.46 | 11.25 | 17.26 | 30.00 | Complies |
| | 5240 MHz | 10.87 | 11.12 | 11.44 | 11.78 | 17.34 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 10.89 | 11.01 | 11.56 | 11.78 | 17.35 | 30.00 | Complies |
| | 5230 MHz | 10.41 | 11.06 | 11.43 | 11.13 | 17.04 | 30.00 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 10.74 | 11.24 | 11.34 | 11.44 | 17.22 | 30.00 | Complies |

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX) | | |

For indoor use

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 29.73 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 29.73 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 29.73 | Complies |
| | 5745 MHz | 18.39 | 18.43 | 21.42 | 29.73 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 29.73 | Complies |
| | 5825 MHz | 19.05 | 18.64 | 21.86 | 29.73 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.01 | 19.54 | 22.29 | 29.73 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 29.73 | Complies |
| | 5755 MHz | 15.36 | 16.79 | 19.14 | 29.73 | Complies |
| | 5795 MHz | 19.01 | 20.12 | 22.61 | 29.73 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.21 | 17.87 | 20.13 | 29.73 | Complies |
| | 5775 MHz | 14.42 | 16.04 | 18.32 | 29.73 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.27dBi >6dBi, so the limit 30-(6.27-6)=29.73dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.55 | 20.84 | 19.95 | 24.92 | 27.97 | Complies |
| | 5200 MHz | 19.38 | 20.99 | 19.84 | 24.90 | 27.97 | Complies |
| | 5240 MHz | 19.24 | 20.71 | 19.43 | 24.62 | 27.97 | Complies |
| | 5745 MHz | 16.53 | 16.27 | 18.32 | 21.91 | 27.97 | Complies |
| | 5785 MHz | 19.45 | 19.26 | 20.99 | 24.74 | 27.97 | Complies |
| | 5825 MHz | 18.89 | 18.53 | 19.82 | 23.89 | 27.97 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 17.89 | 17.87 | 18.71 | 22.95 | 27.97 | Complies |
| | 5230 MHz | 19.93 | 20.24 | 20.98 | 25.18 | 27.97 | Complies |
| | 5755 MHz | 14.14 | 15.31 | 14.57 | 19.47 | 27.97 | Complies |
| | 5795 MHz | 17.39 | 18.88 | 17.81 | 22.84 | 27.97 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 17.02 | 18.34 | 17.19 | 22.33 | 27.97 | Complies |
| | 5775 MHz | 15.08 | 15.86 | 15.67 | 20.32 | 27.97 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.03dBi >6dBi, so the limit 30-(8.03-6)=27.97dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Chain 4 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.12 | 20.89 | 19.76 | 20.42 | 26.12 | 26.72 | Complies |
| | 5200 MHz | 19.56 | 20.97 | 20.23 | 20.77 | 26.44 | 26.72 | Complies |
| | 5240 MHz | 19.63 | 20.92 | 19.96 | 20.51 | 26.30 | 26.72 | Complies |
| | 5745 MHz | 15.03 | 15.13 | 15.92 | 16.84 | 21.81 | 26.72 | Complies |
| | 5785 MHz | 19.29 | 19.67 | 20.94 | 20.99 | 26.31 | 26.72 | Complies |
| | 5825 MHz | 15.62 | 15.85 | 17.41 | 17.24 | 22.62 | 26.72 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 19.91 | 19.98 | 20.89 | 20.82 | 26.44 | 26.72 | Complies |
| | 5230 MHz | 19.41 | 19.75 | 20.91 | 20.97 | 26.34 | 26.72 | Complies |
| | 5755 MHz | 14.46 | 13.78 | 12.81 | 14.93 | 20.09 | 26.72 | Complies |
| | 5795 MHz | 15.33 | 16.69 | 16.84 | 17.82 | 22.78 | 26.72 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 16.92 | 18.57 | 16.98 | 18.04 | 23.71 | 26.72 | Complies |
| | 5775 MHz | 11.71 | 13.42 | 12.55 | 12.84 | 18.69 | 26.72 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =9.28dBi >6dBi, so the limit 30-(9.28-6)=26.72dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX) | | |

**For B1 indoor use / B4 indoor, outdoor use**

| Mode | Frequency | Conducted Power (dBm) | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.56 | 20.97 | 23.33 | 26.24 | Complies |
| | 5200 MHz | 19.33 | 20.86 | 23.17 | 26.24 | Complies |
| | 5240 MHz | 19.34 | 20.93 | 23.22 | 26.24 | Complies |
| | 5745 MHz | 17.52 | 17.26 | 20.40 | 26.24 | Complies |
| | 5785 MHz | 20.69 | 20.41 | 23.56 | 26.24 | Complies |
| | 5825 MHz | 18.62 | 18.15 | 21.40 | 26.24 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 16.57 | 16.37 | 19.48 | 26.24 | Complies |
| | 5230 MHz | 20.59 | 20.82 | 23.72 | 26.24 | Complies |
| | 5755 MHz | 14.97 | 15.76 | 18.39 | 26.24 | Complies |
| | 5795 MHz | 17.89 | 19.14 | 21.57 | 26.24 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 15.69 | 17.35 | 19.61 | 26.24 | Complies |
| | 5775 MHz | 13.85 | 15.44 | 17.73 | 26.24 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =9.76dBi >6dBi, so the limit 30-(9.76-6)=26.24dBm.

| Temperature | 25°C | Humidity | 46% |
|---|---|---|---|
| Test Engineer | Lucas Huang | Test Date | Oct. 28, 2015 |
| Test Mode | Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX) | | |

| Mode | Frequency | Conducted Power (dBm) | | | | Max. Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|
| | | Chain 1 | Chain 2 | Chain 3 | Total | | |
| 802.11ac MCS0/Nss1 VHT20 | 5180 MHz | 19.01 | 20.39 | 19.62 | 24.48 | 24.53 | Complies |
| | 5200 MHz | 18.78 | 20.41 | 19.36 | 24.34 | 24.53 | Complies |
| | 5240 MHz | 19.06 | 20.47 | 19.15 | 24.38 | 24.53 | Complies |
| | 5745 MHz | 16.02 | 15.78 | 17.54 | 21.29 | 24.53 | Complies |
| | 5785 MHz | 17.63 | 17.57 | 18.24 | 22.60 | 24.53 | Complies |
| | 5825 MHz | 16.98 | 16.49 | 17.93 | 21.95 | 24.53 | Complies |
| 802.11ac MCS0/Nss1 VHT40 | 5190 MHz | 14.54 | 14.66 | 15.29 | 19.61 | 24.53 | Complies |
| | 5230 MHz | 18.46 | 18.89 | 19.43 | 23.72 | 24.53 | Complies |
| | 5755 MHz | 13.65 | 14.74 | 13.78 | 18.86 | 24.53 | Complies |
| | 5795 MHz | 16.52 | 18.14 | 16.94 | 22.03 | 24.53 | Complies |
| 802.11ac MCS0/Nss1 VHT80 | 5210 MHz | 14.96 | 15.74 | 14.67 | 19.92 | 24.53 | Complies |
| | 5775 MHz | 12.41 | 13.95 | 13.26 | 18.02 | 24.53 | Complies |

Note: $Directiona\,lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.47dBi >6dBi, so the limit 30-(11.47-6)=24.53dBm.