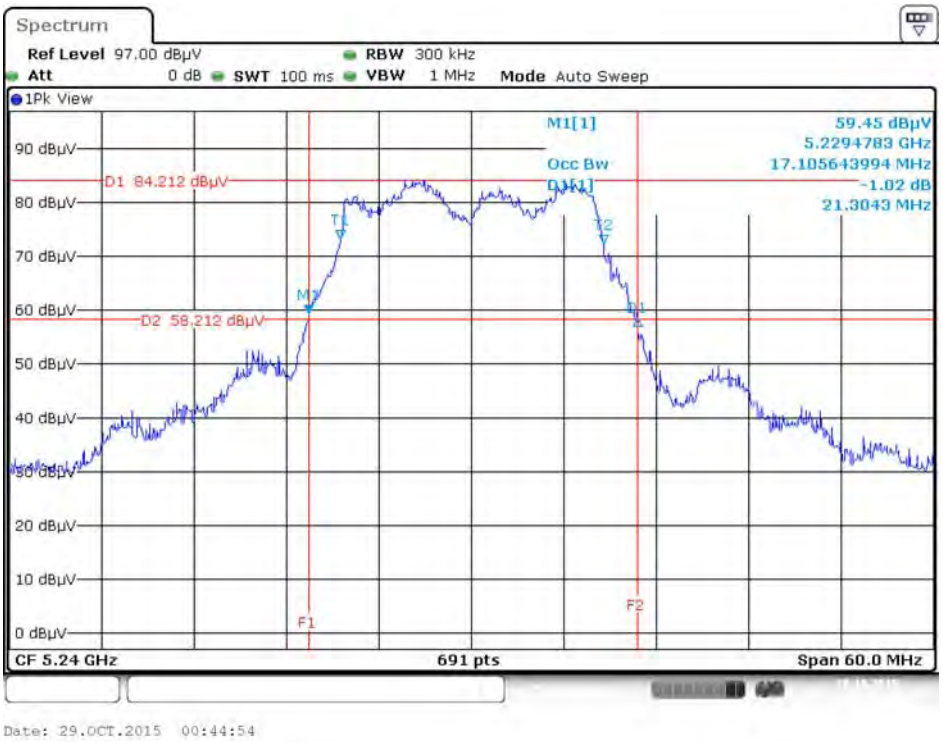
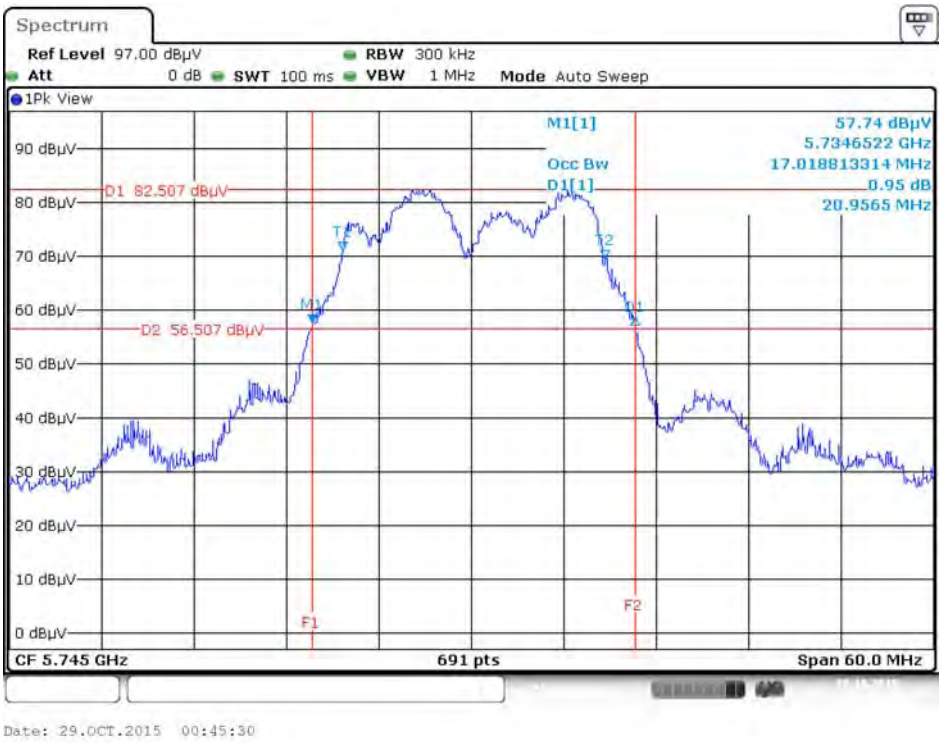
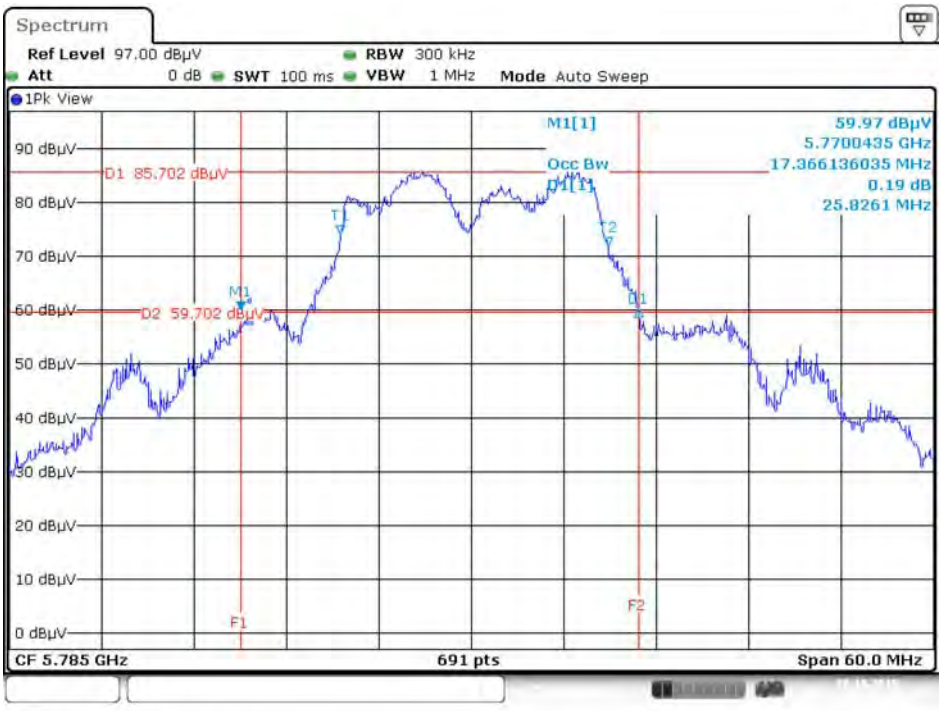
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5240 MHz



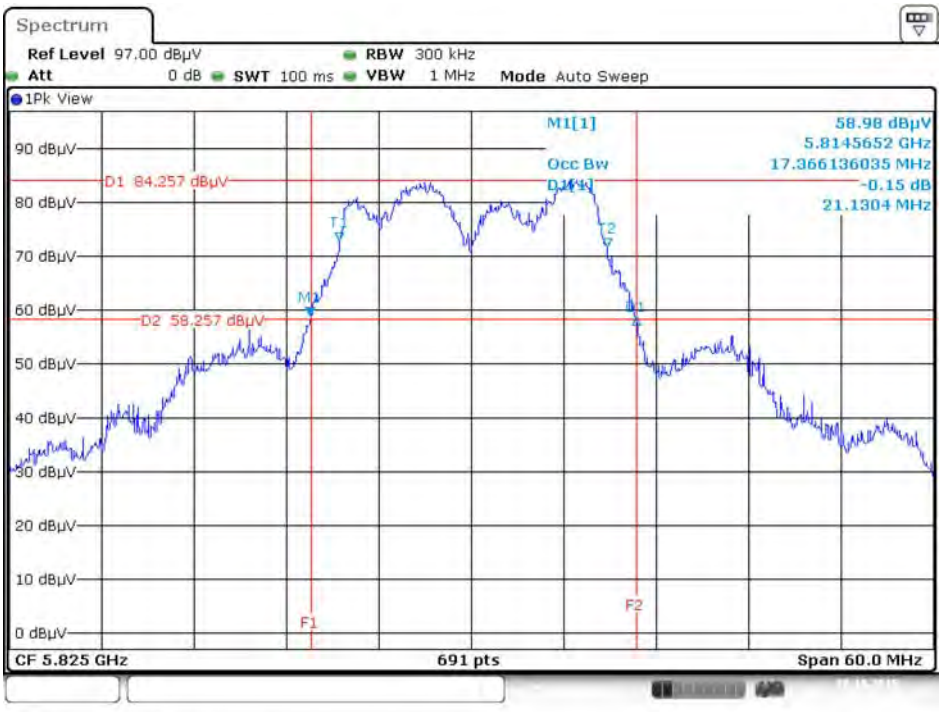
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz



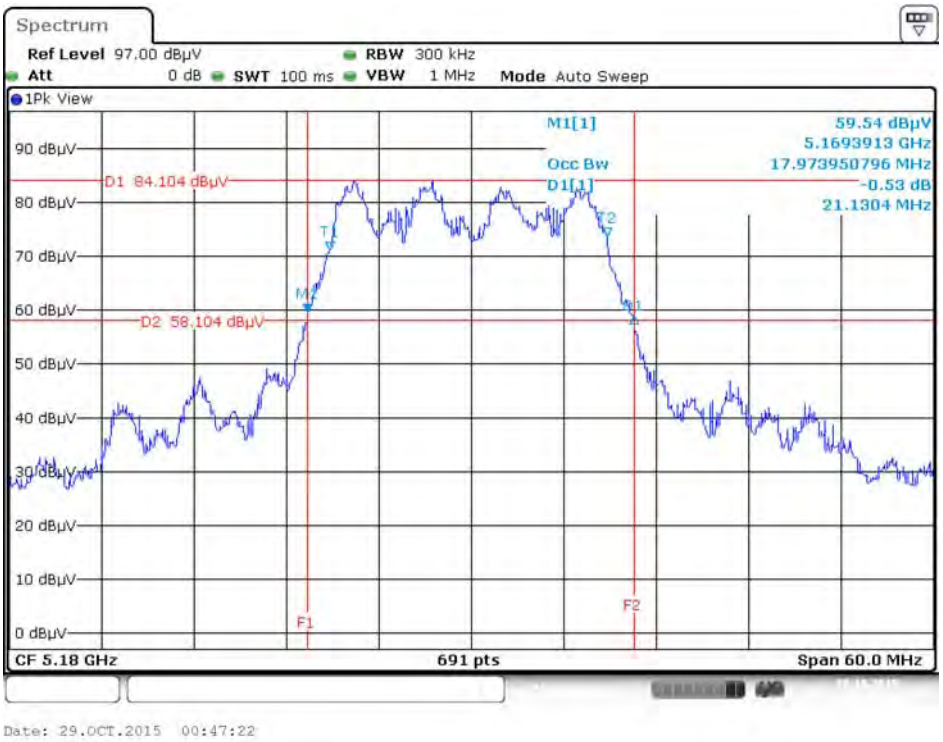
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5785 MHz



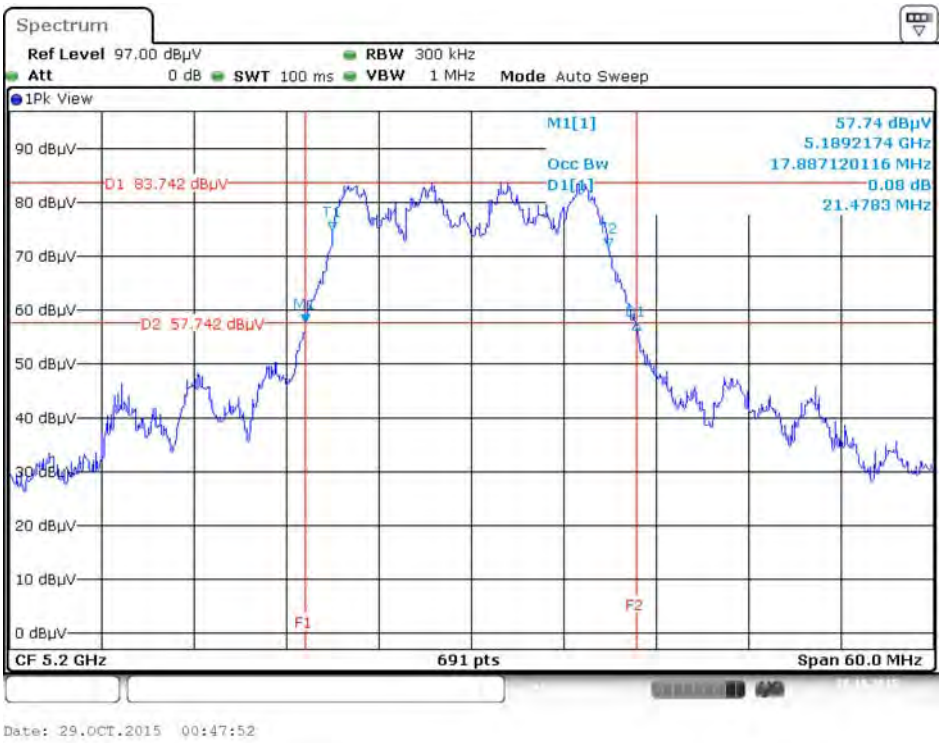
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5825 MHz



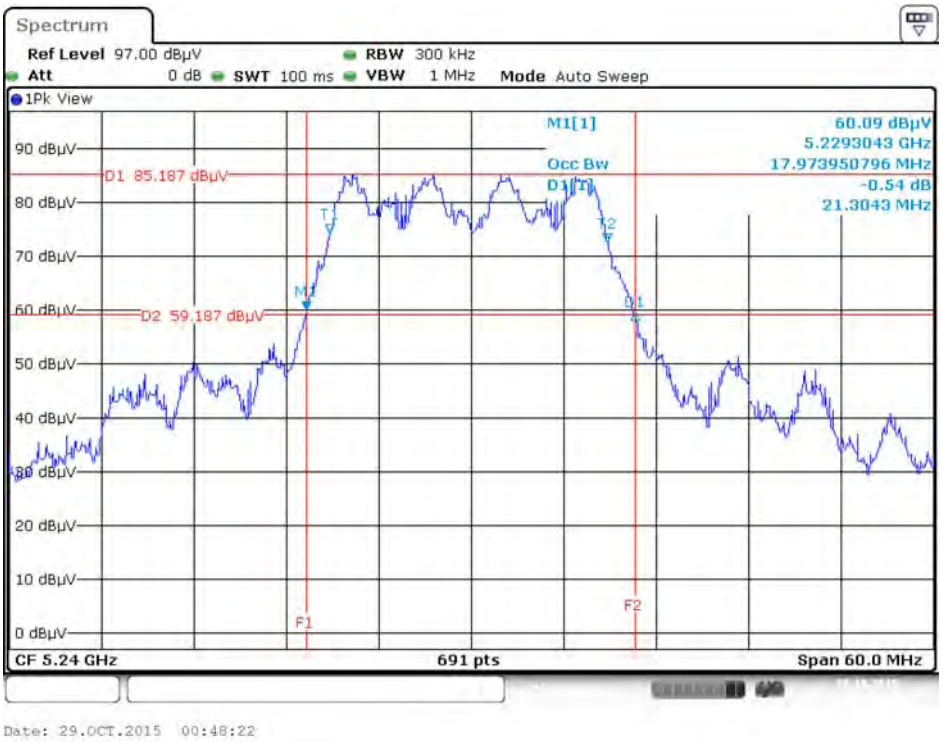
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5180 MHz



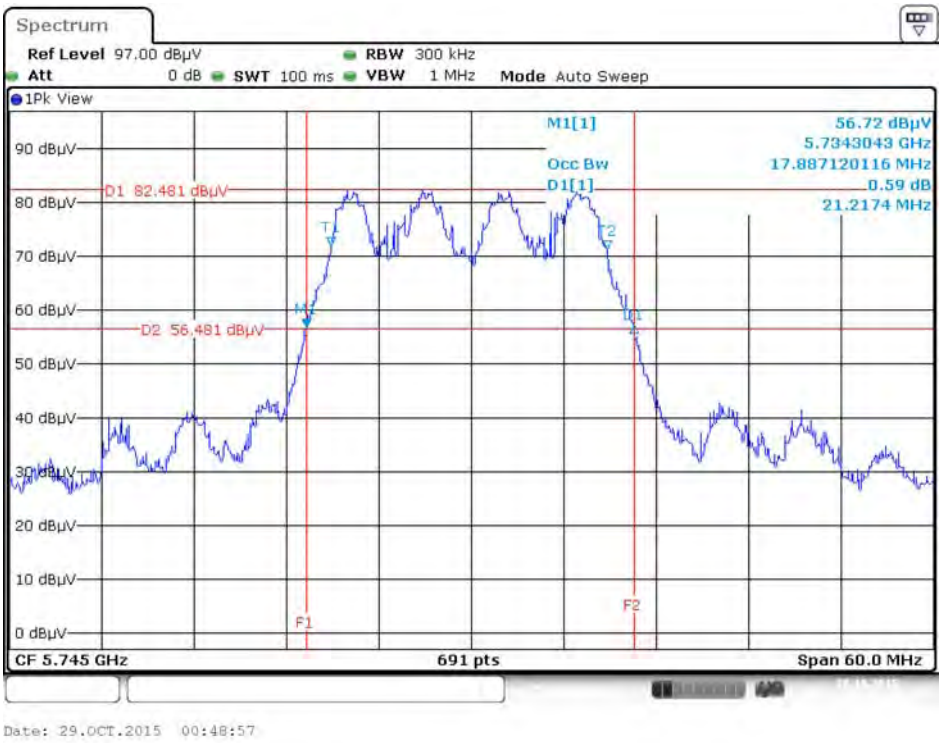
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5200 MHz



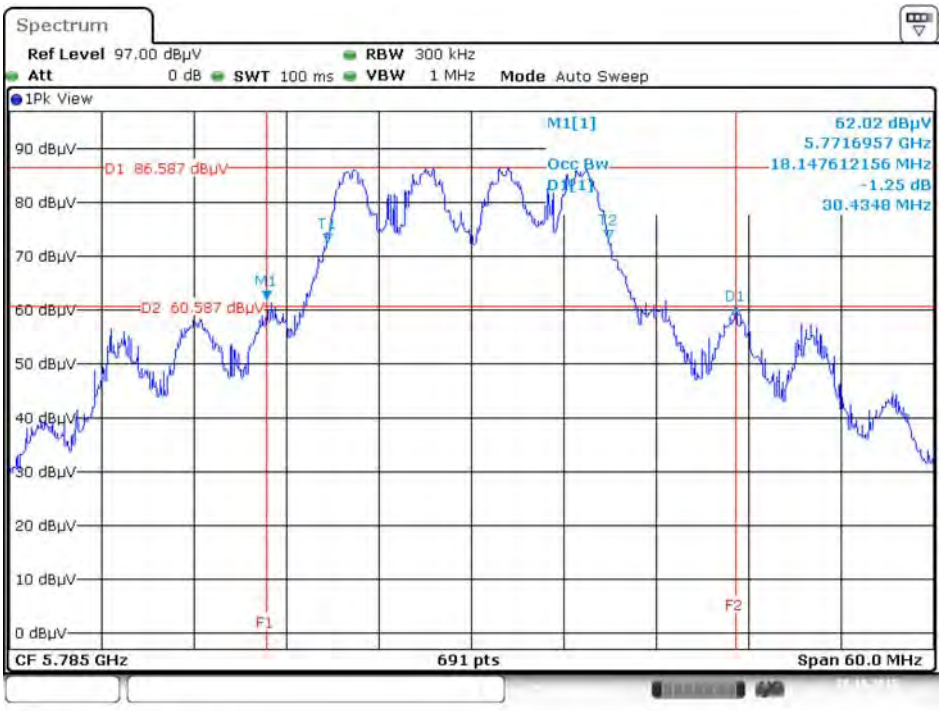
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5240 MHz



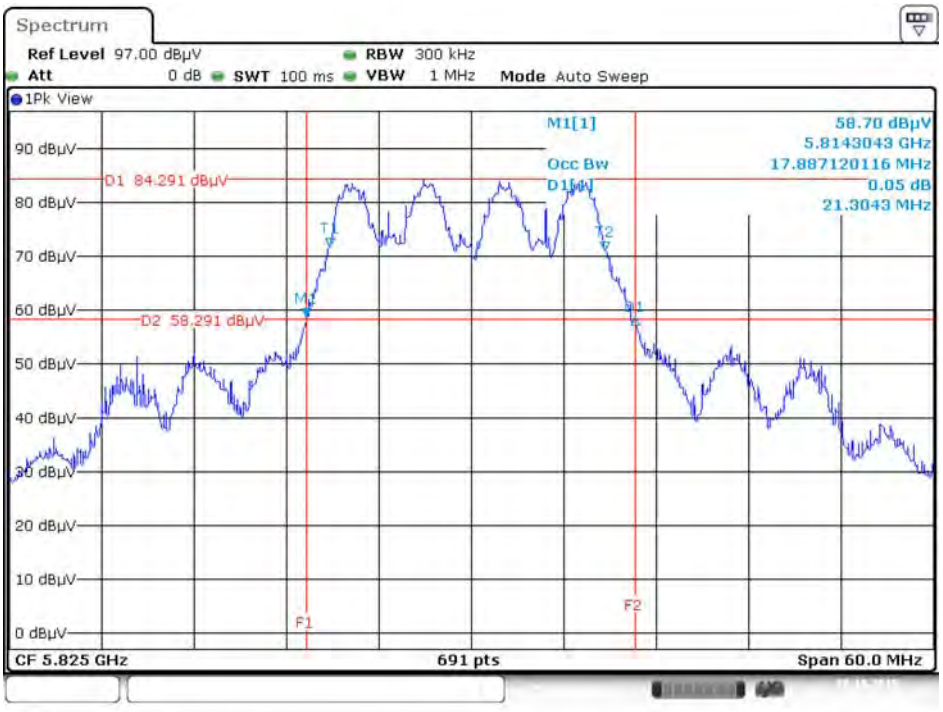
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5745 MHz



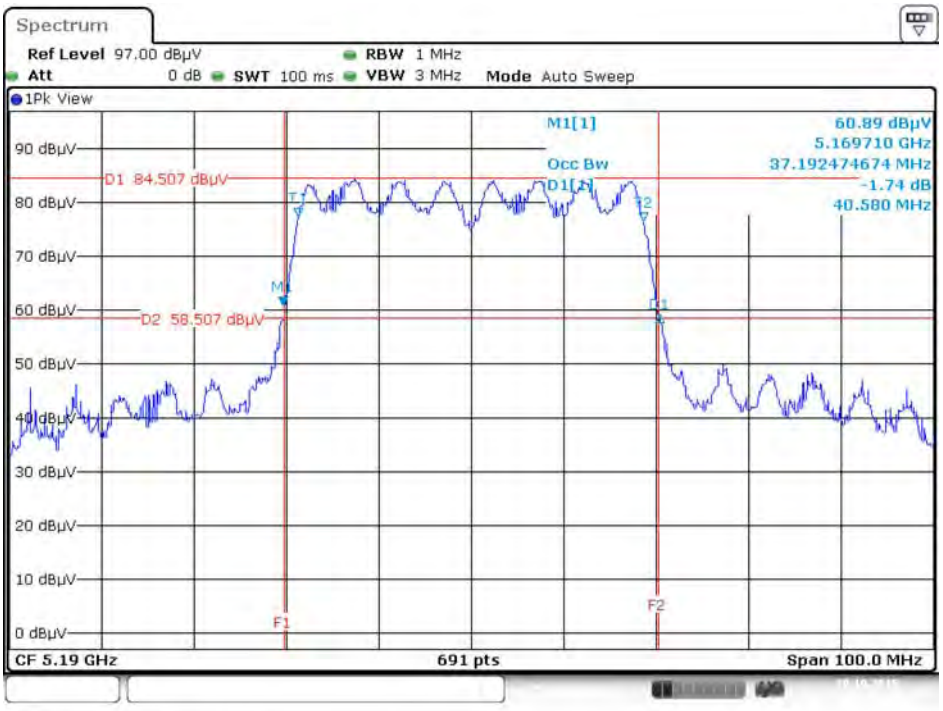
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz



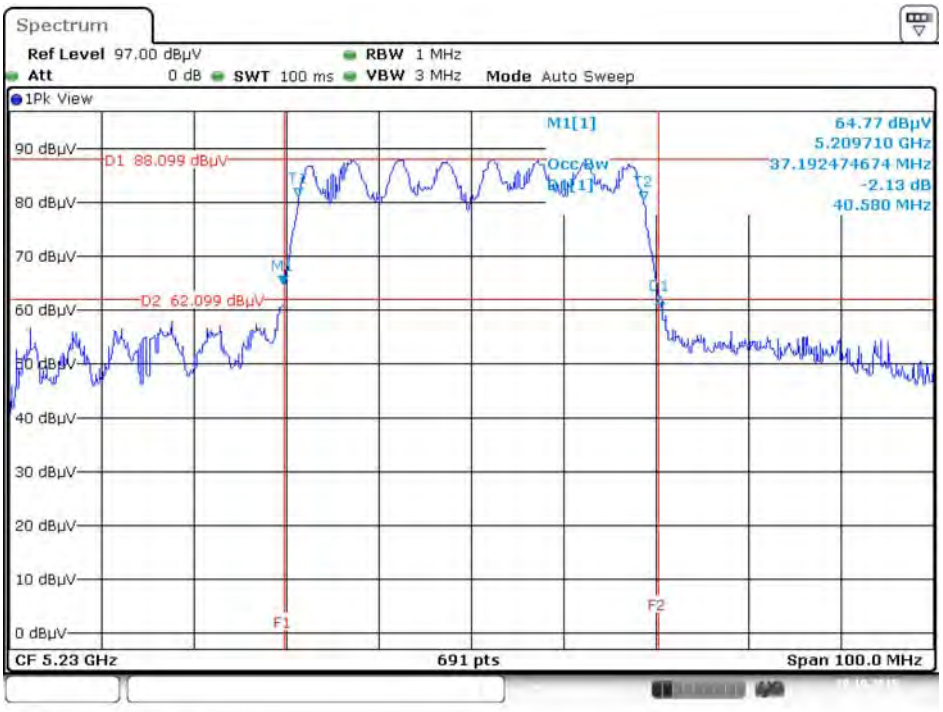
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5825 MHz



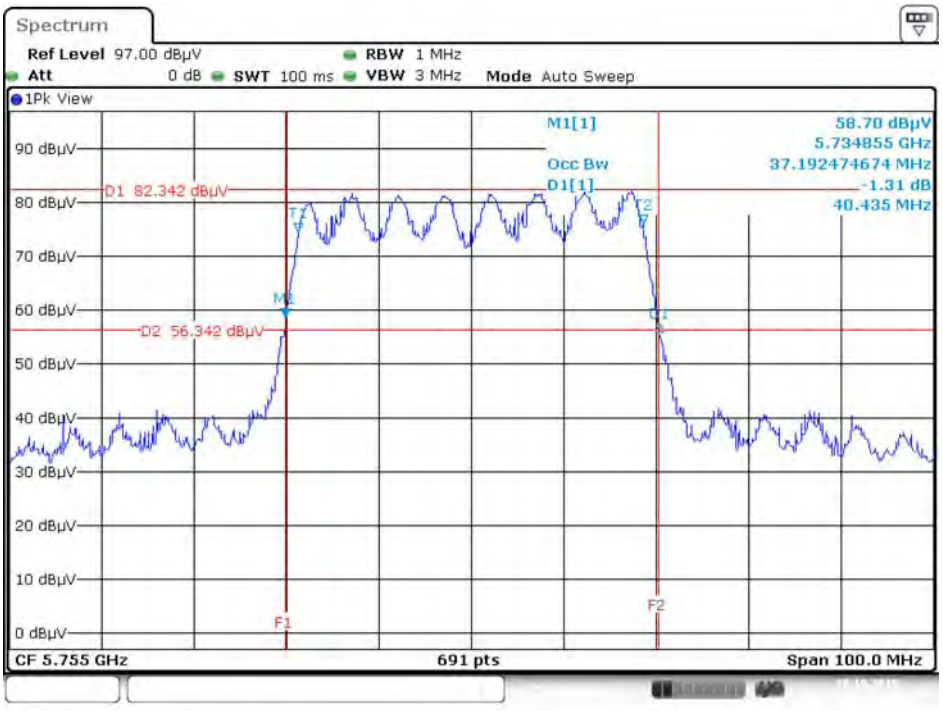
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5190 MHz



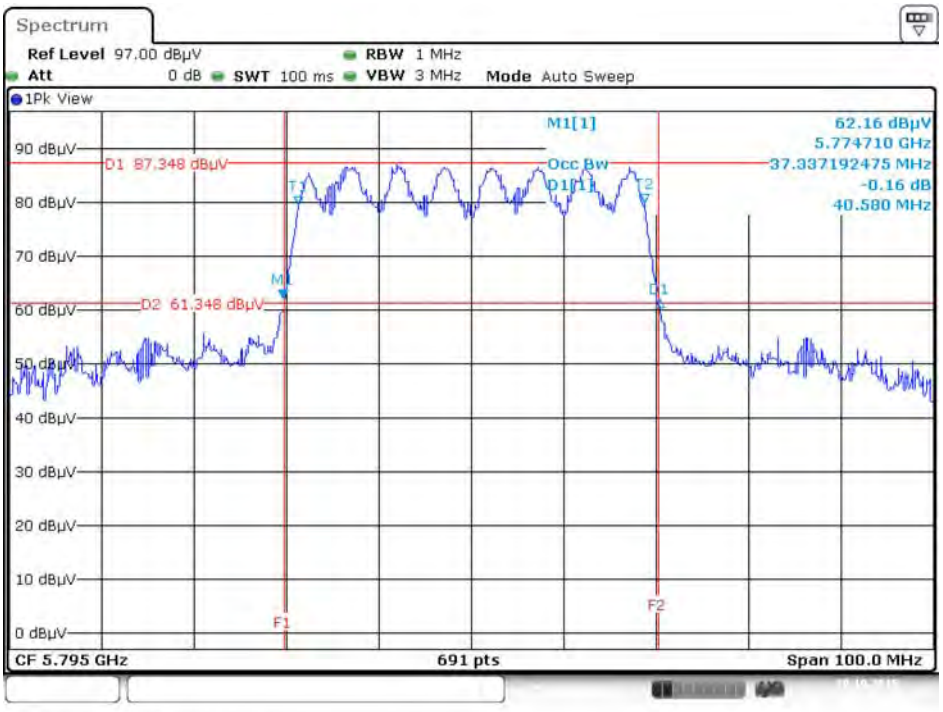
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5230 MHz



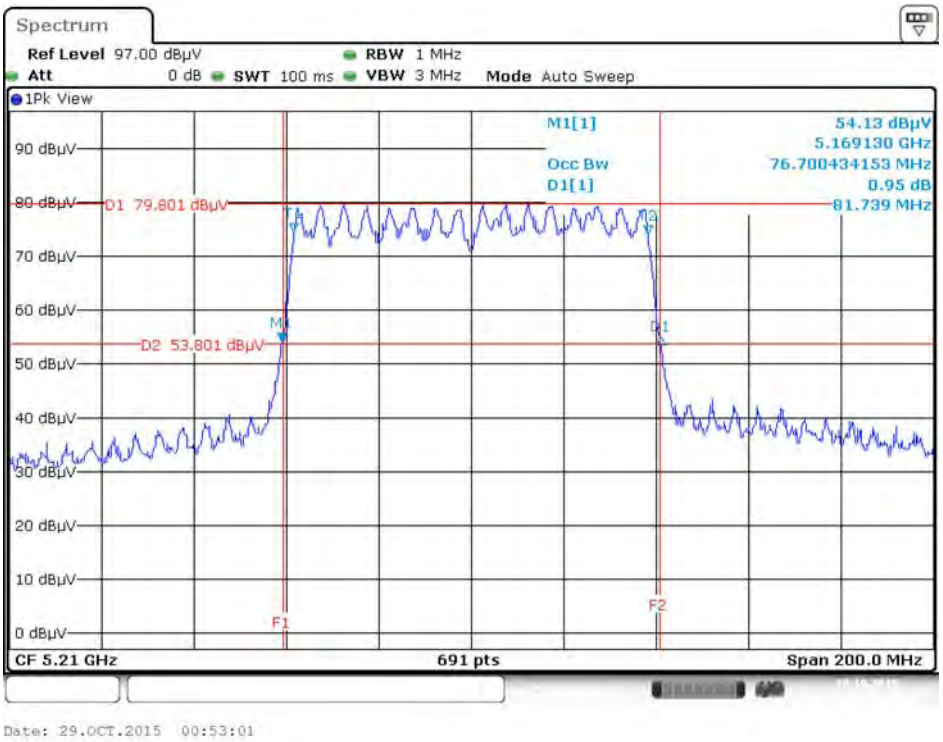
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5755 MHz



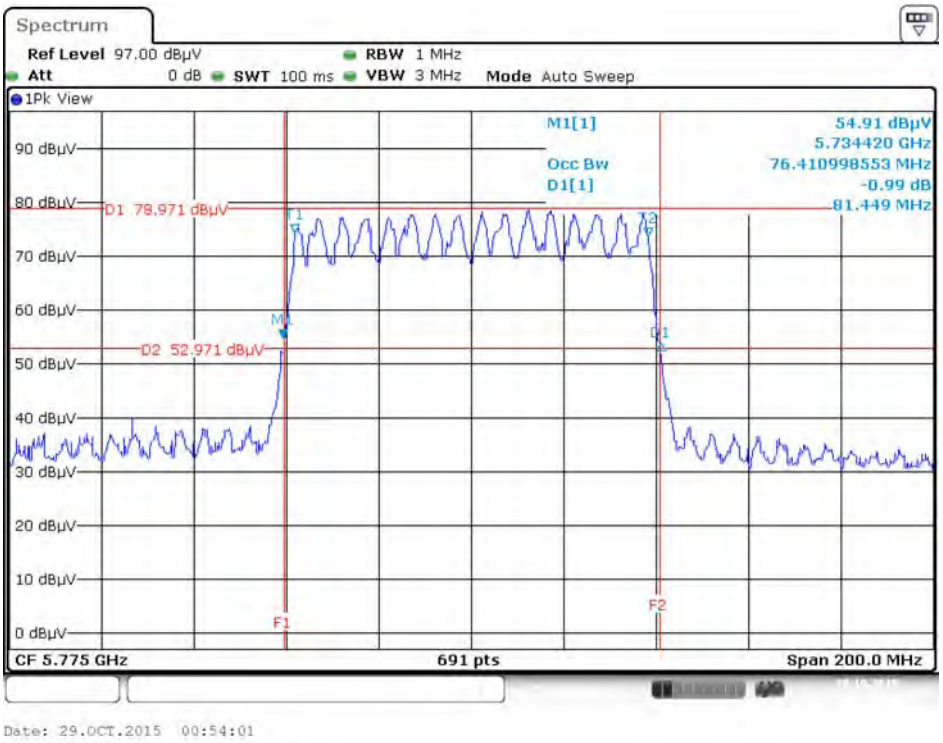
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 / 5795 MHz



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

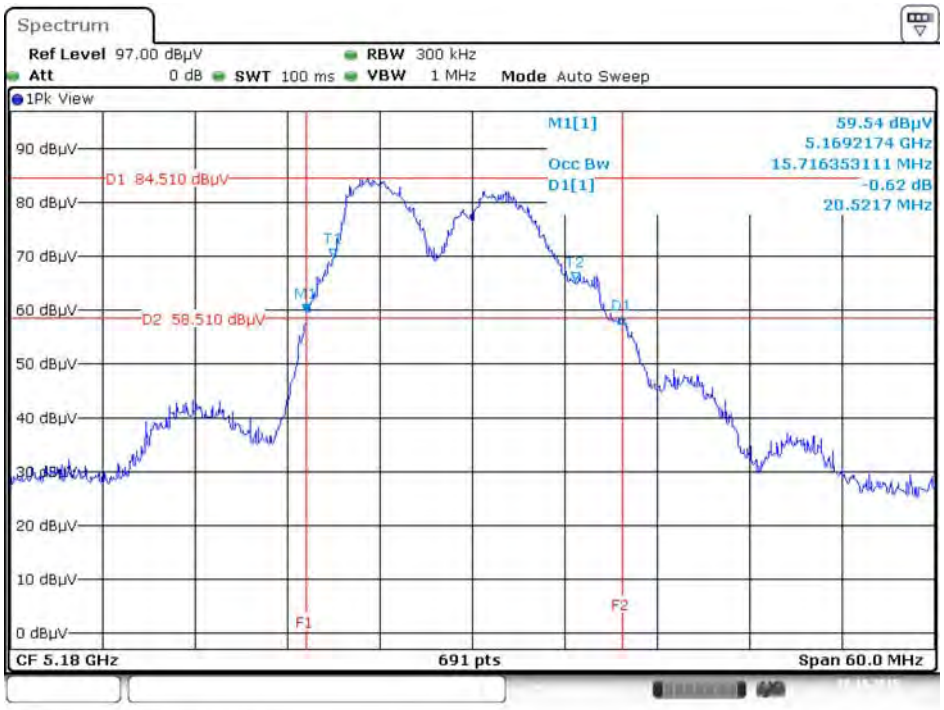


26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz

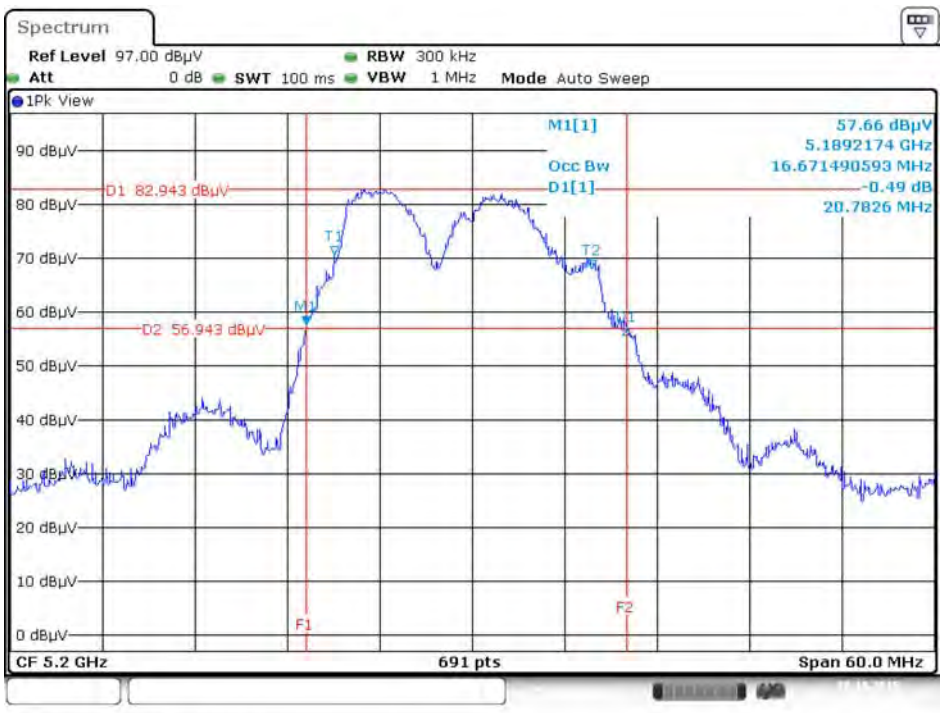


Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX)

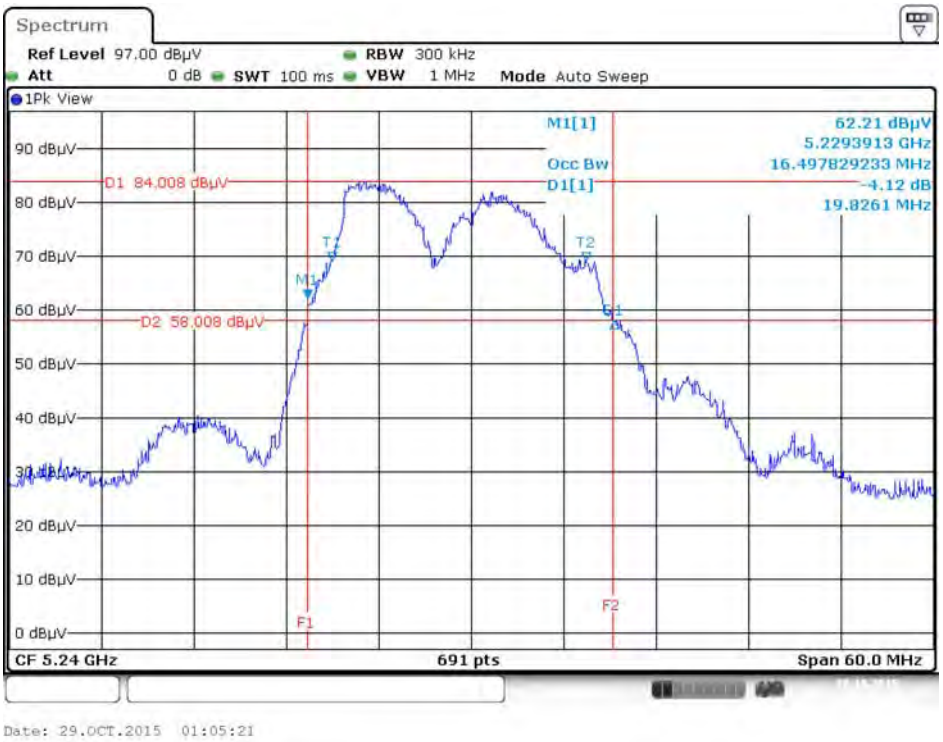
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5180 MHz



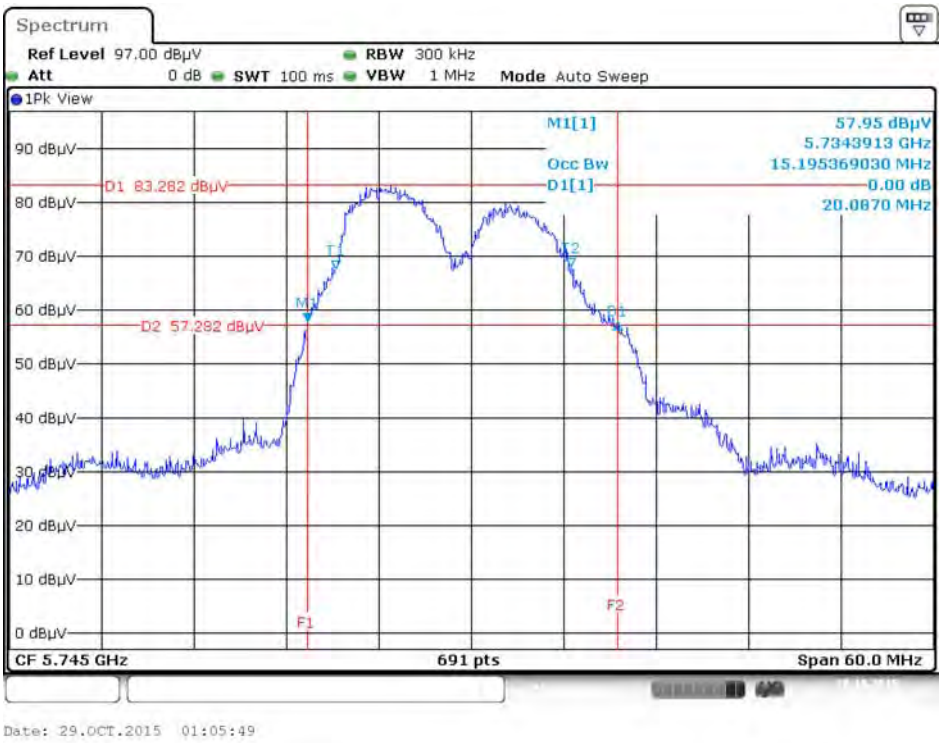
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5200 MHz



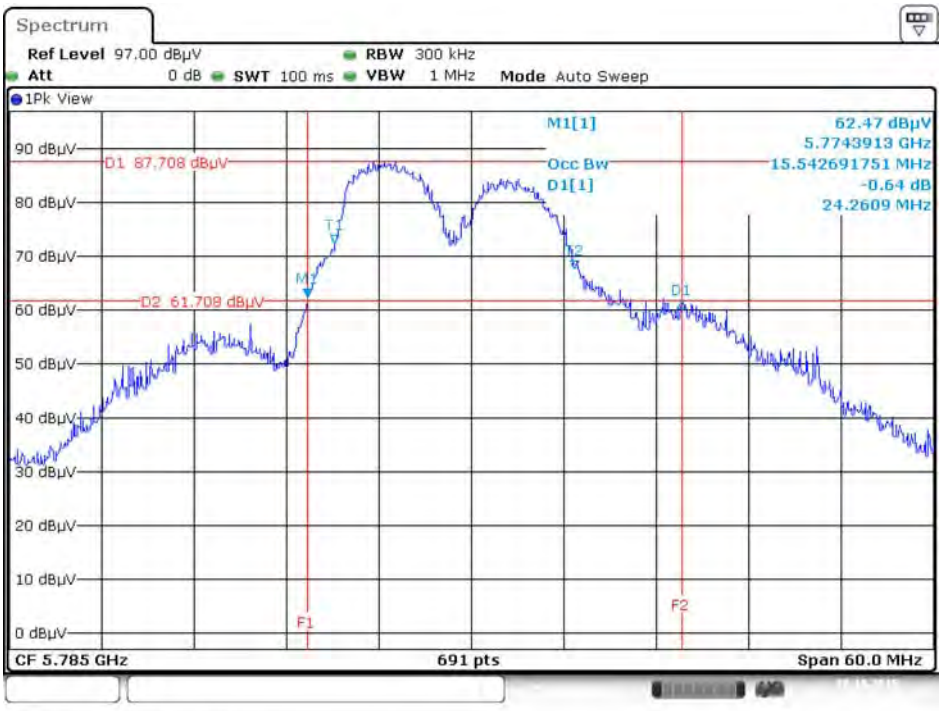
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5240 MHz



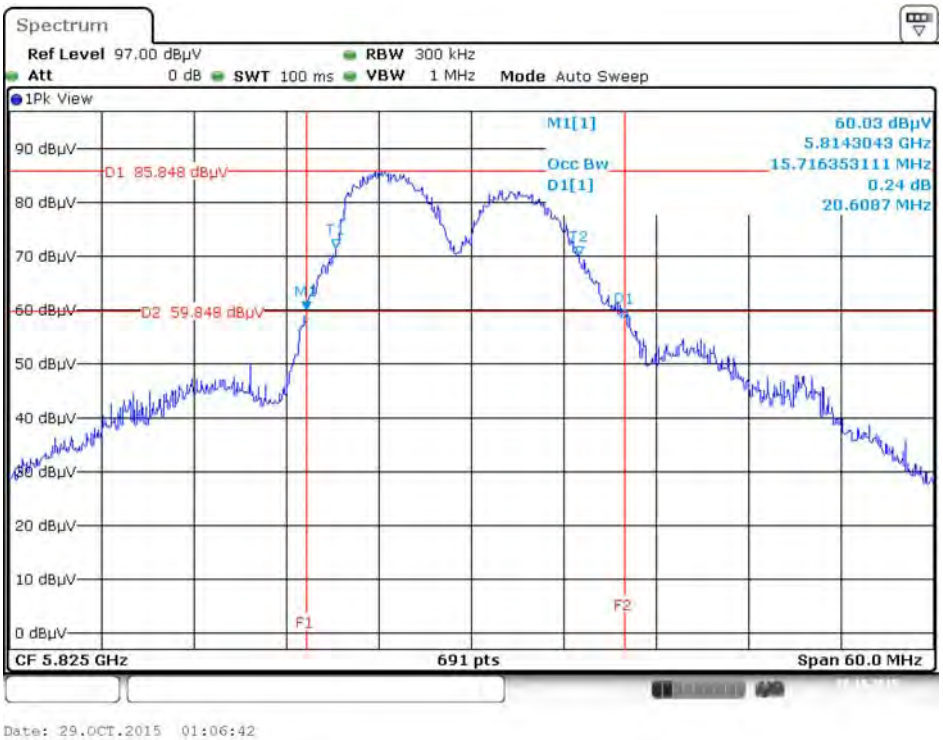
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz



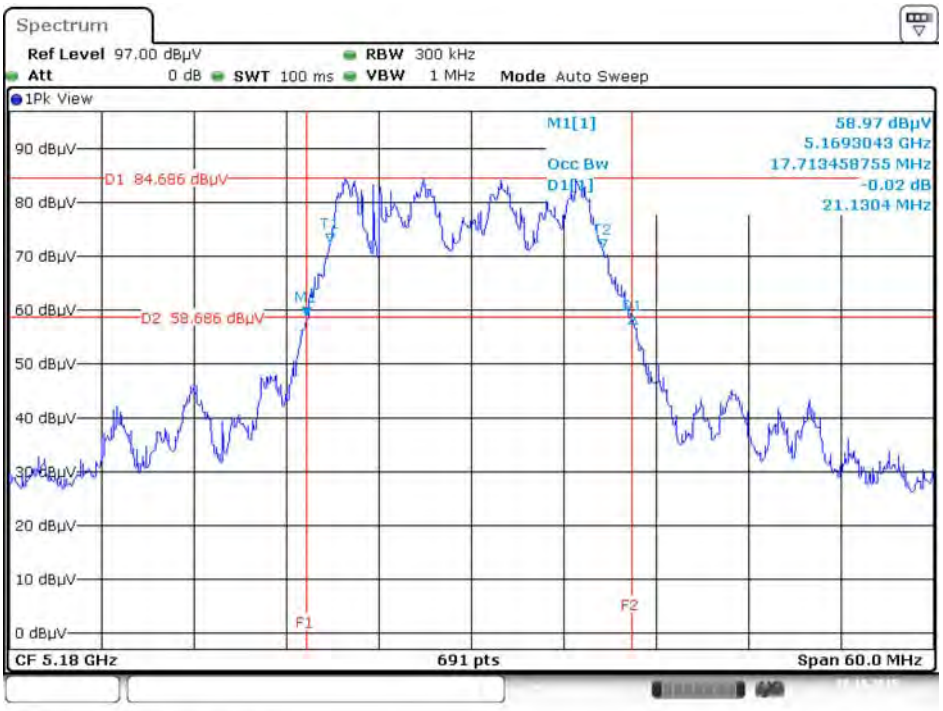
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz



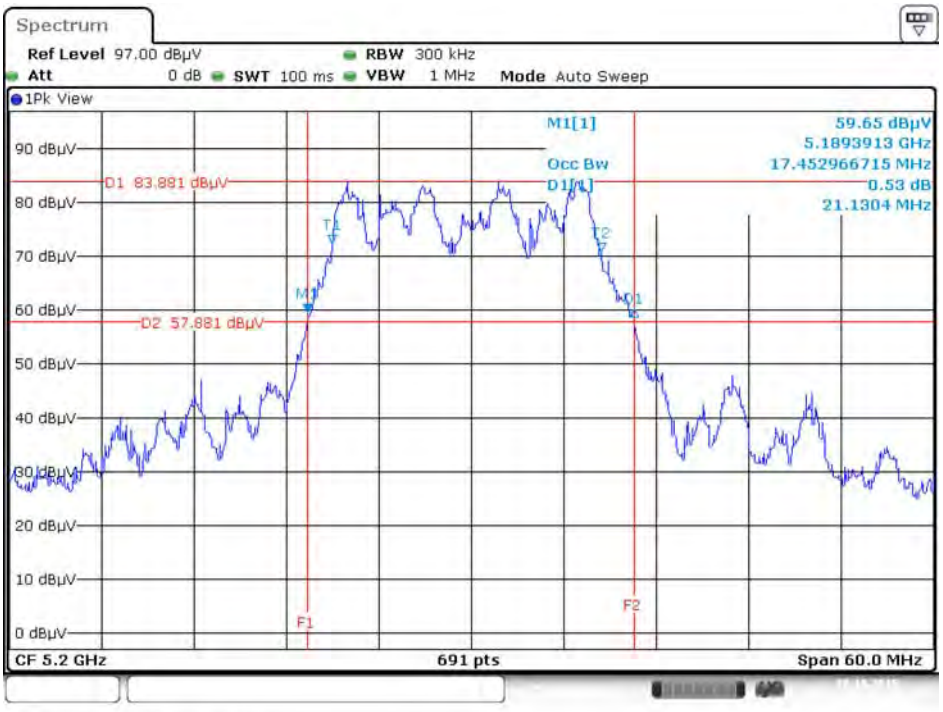
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz



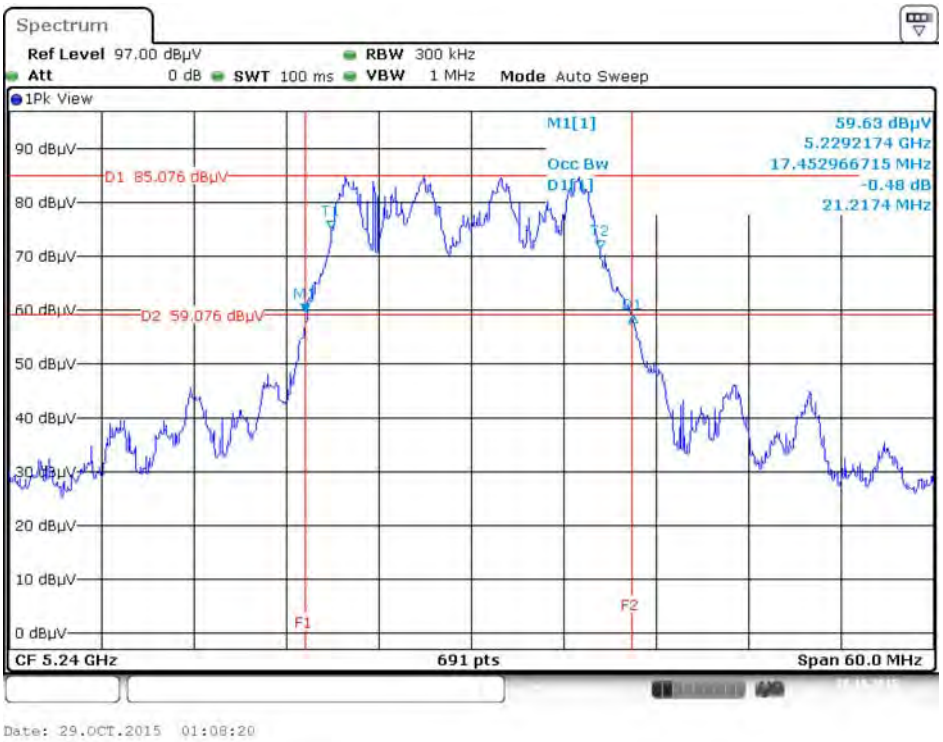
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5180 MHz



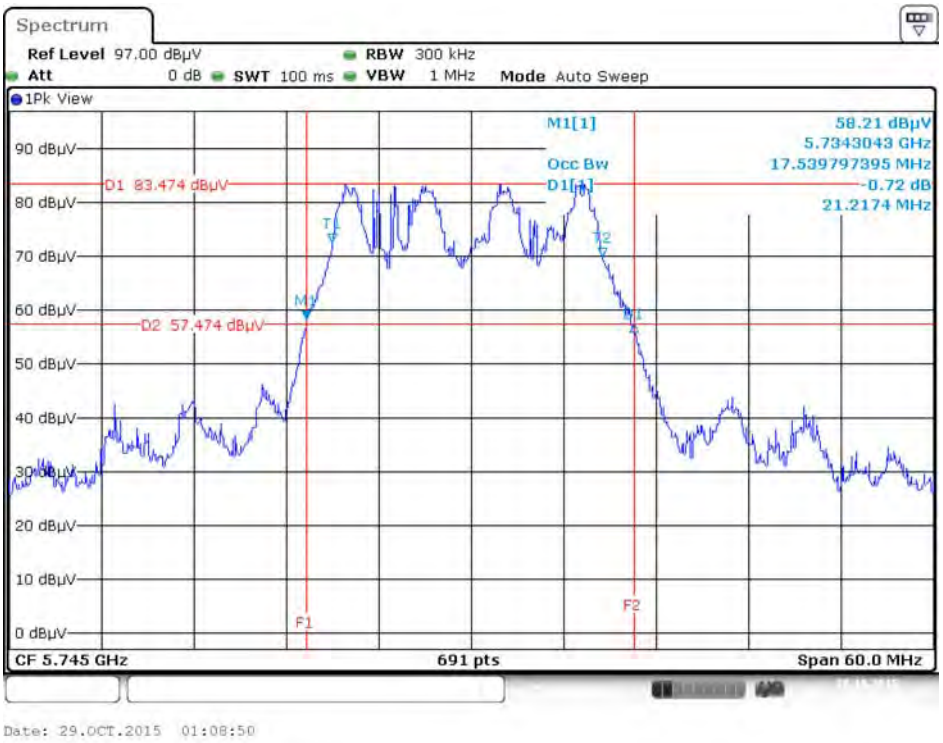
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5200 MHz



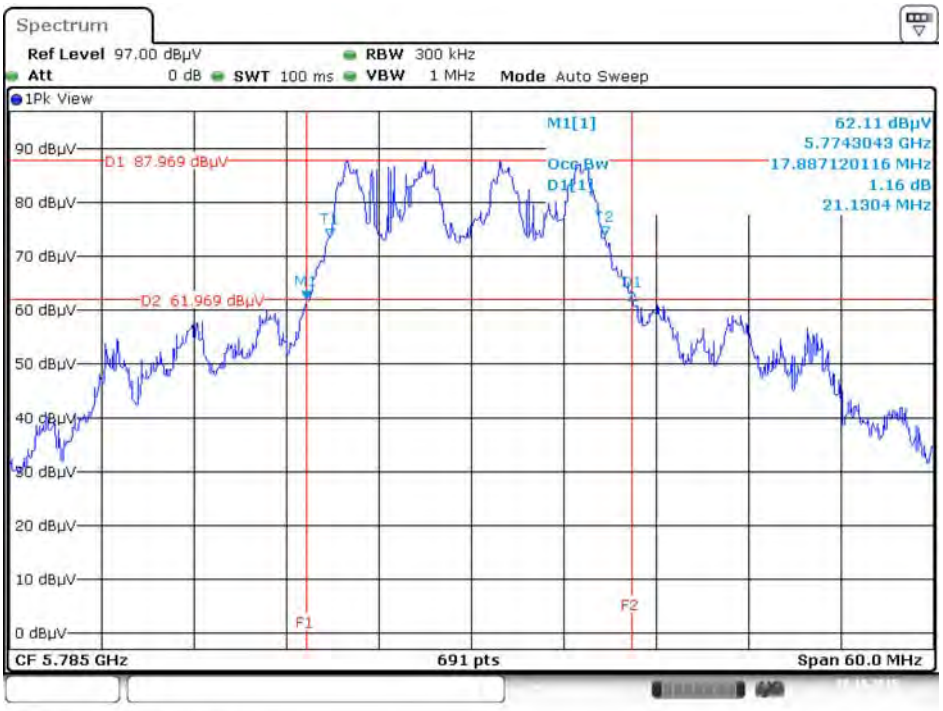
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5240 MHz



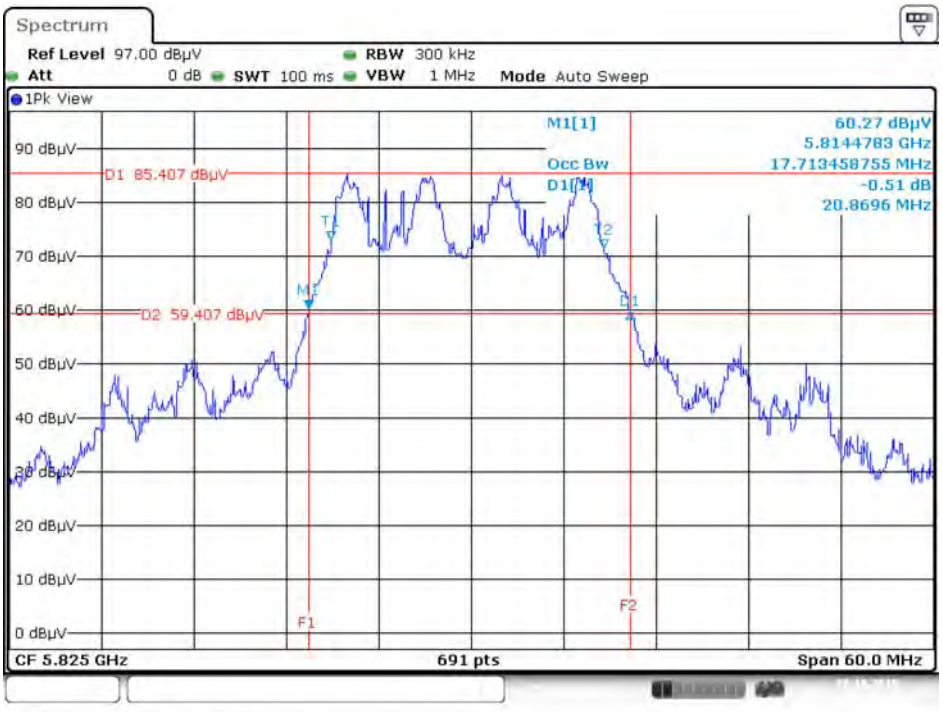
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz



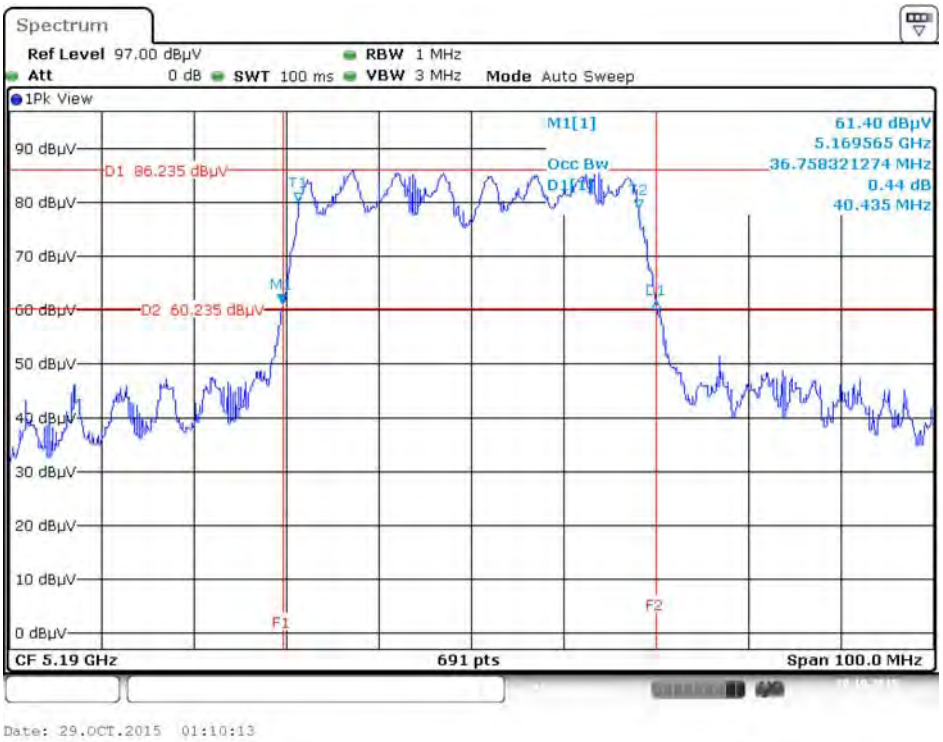
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz



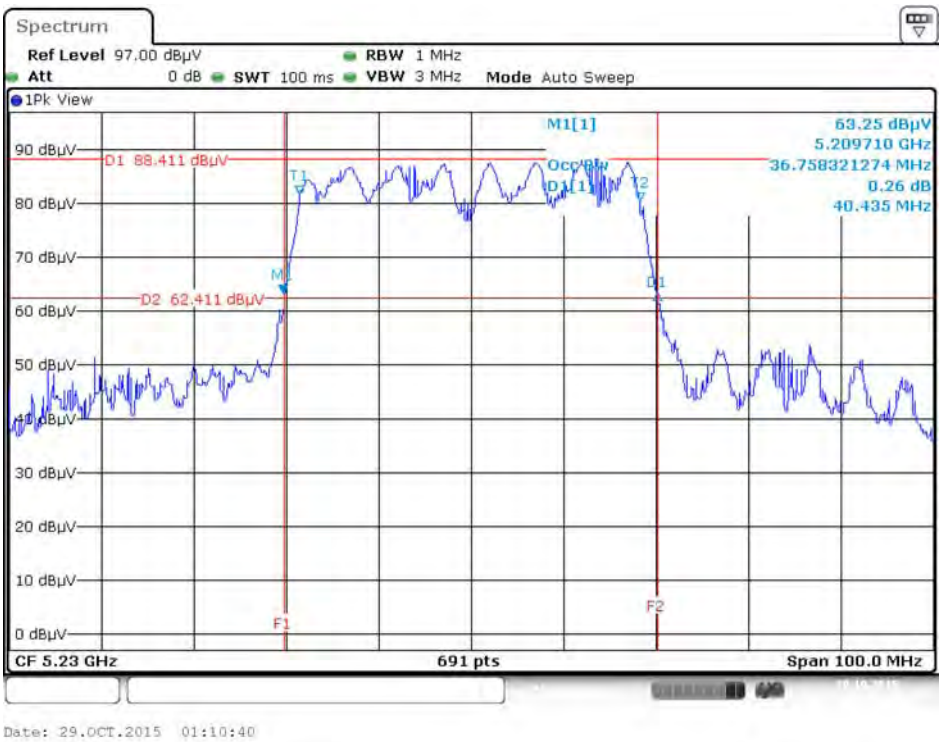
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5825 MHz



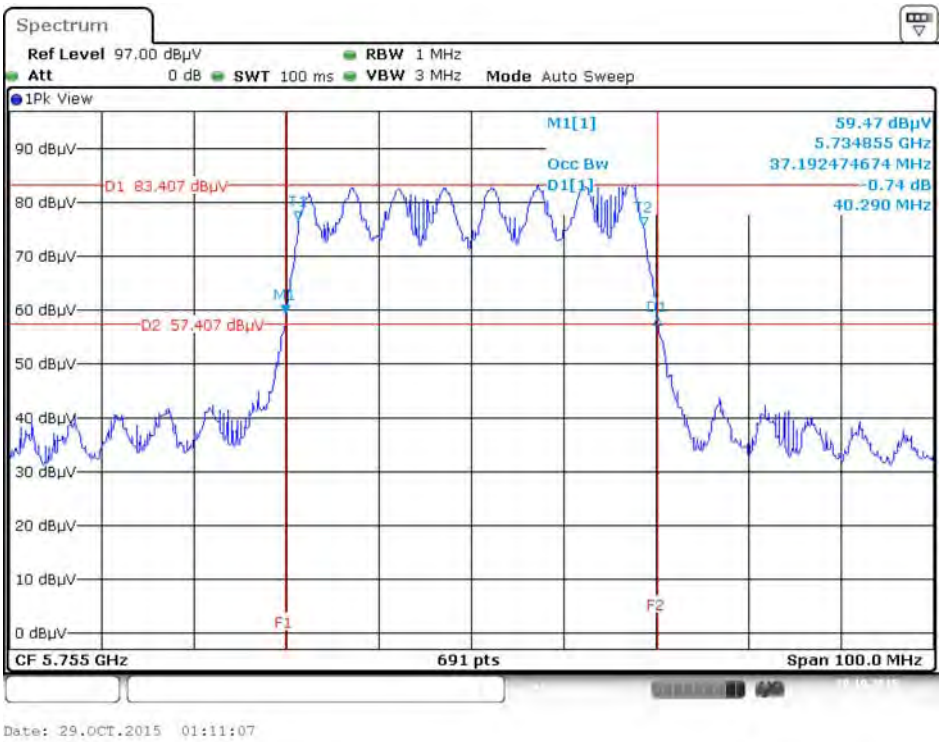
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5190 MHz



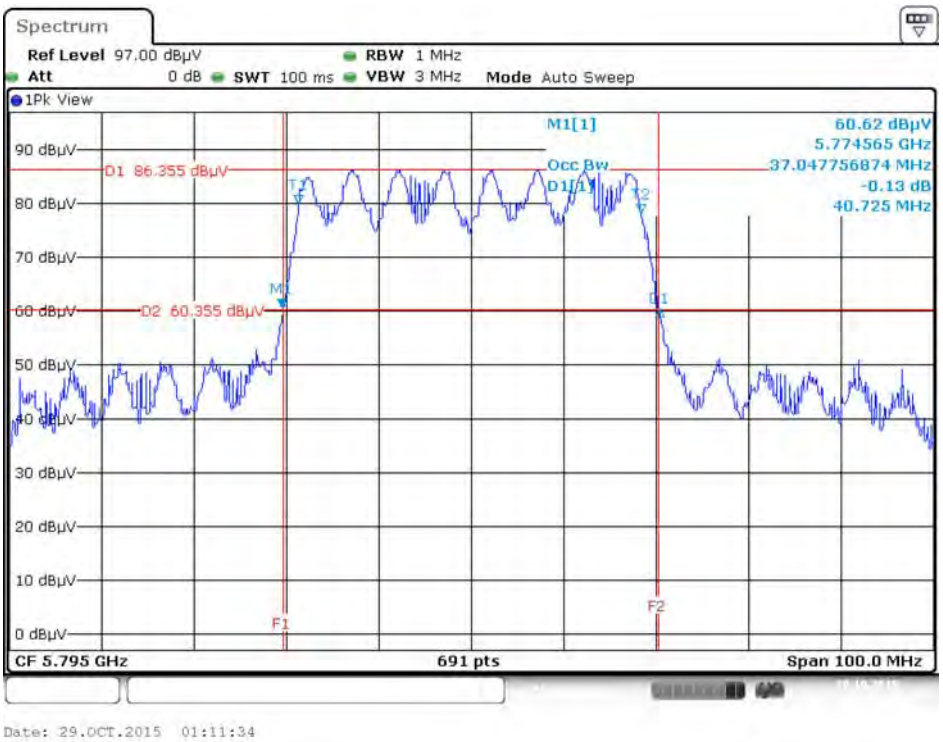
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5230 MHz



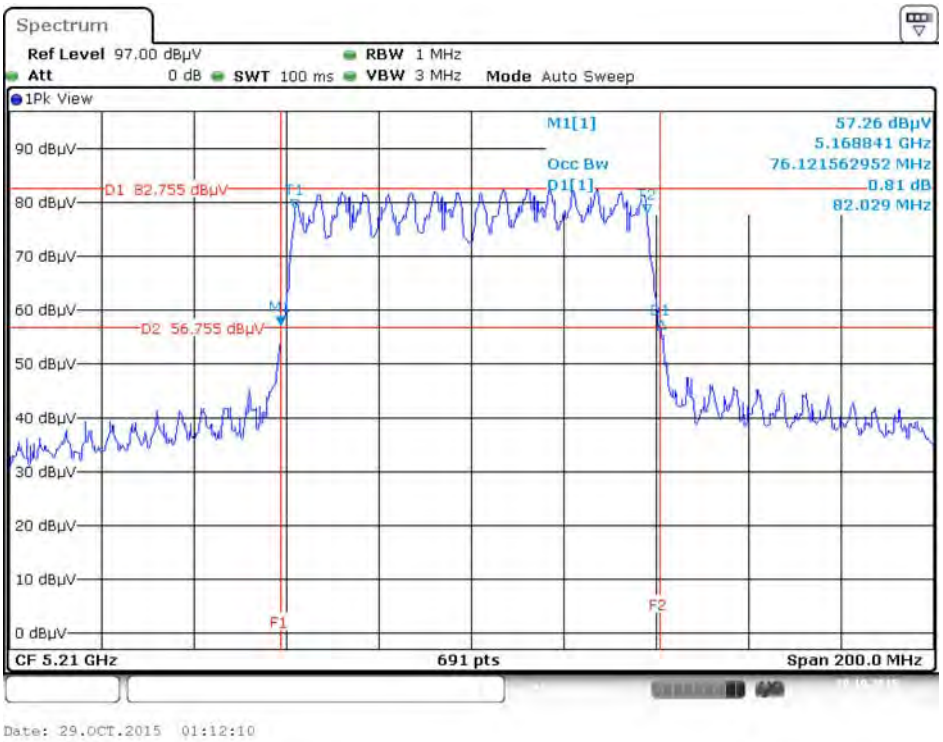
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5755 MHz



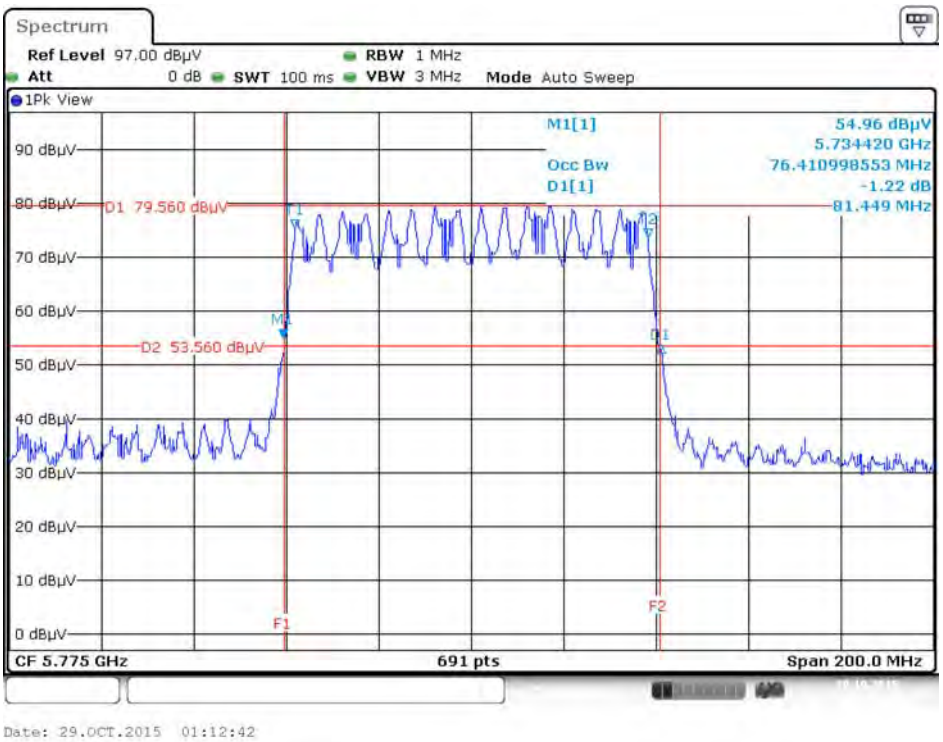
26dB Bandwidth and 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5795 MHz



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.

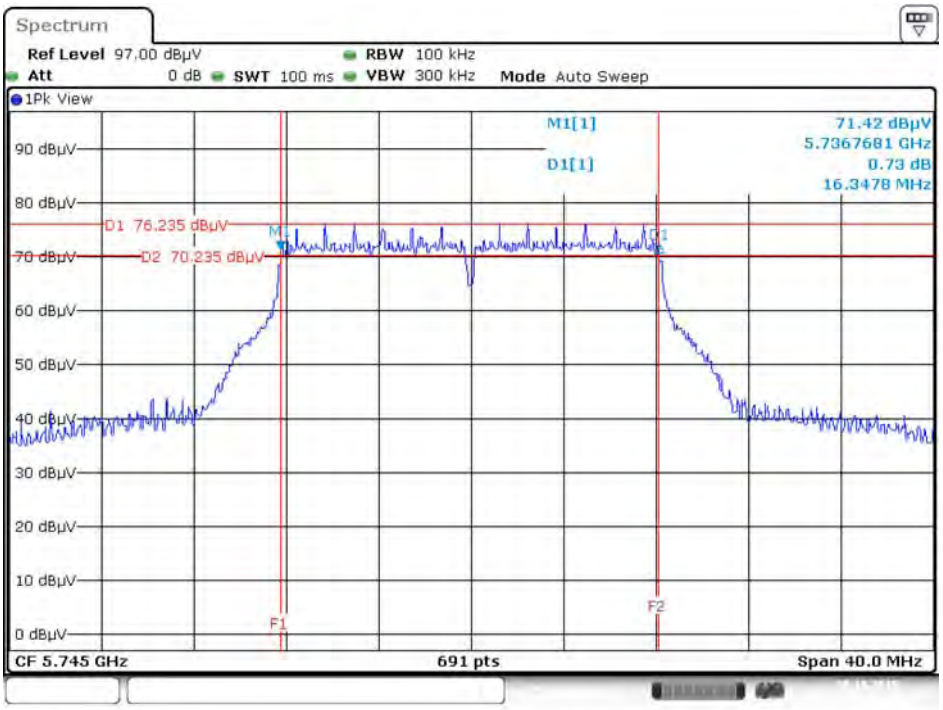
For plots, only the channel with worse result was shown.

For Non-Beamforming Mode

For indoor / outdoor use

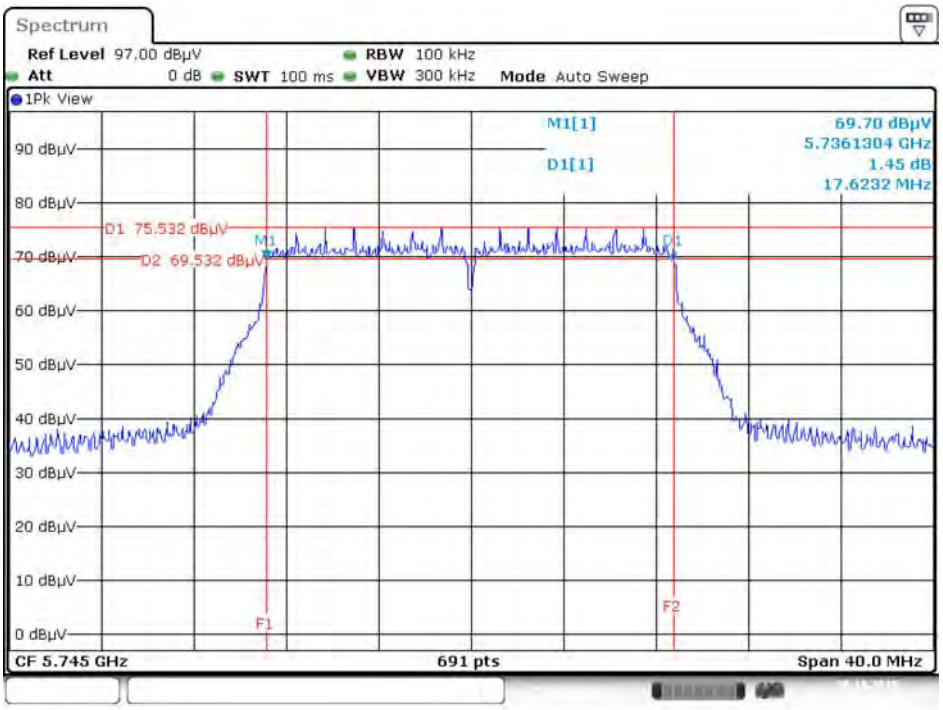
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX)

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



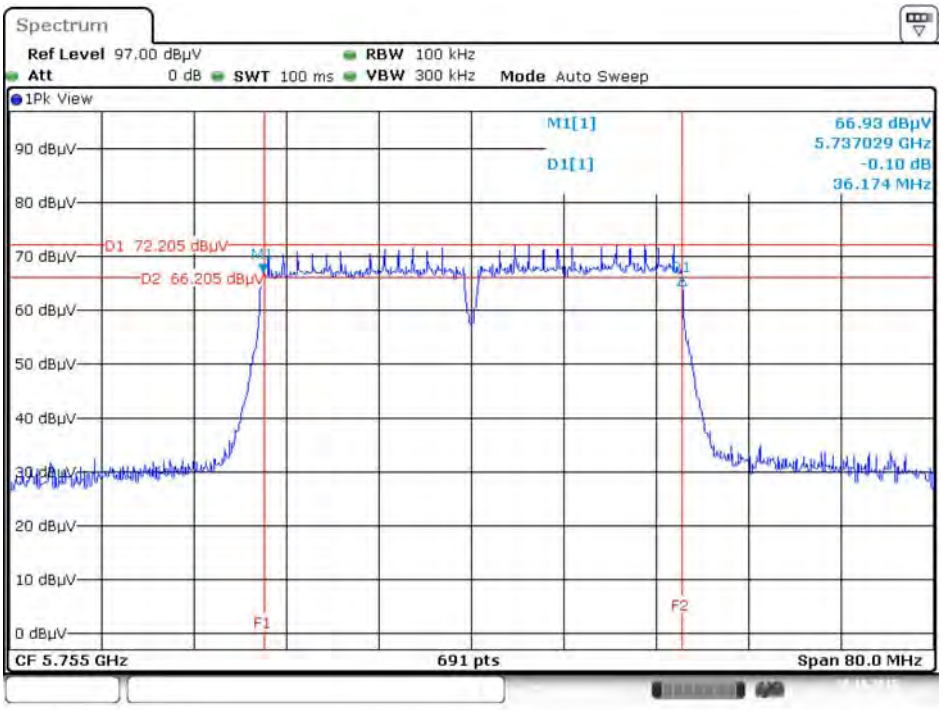
Date: 20.OCT.2015 23:12:19

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



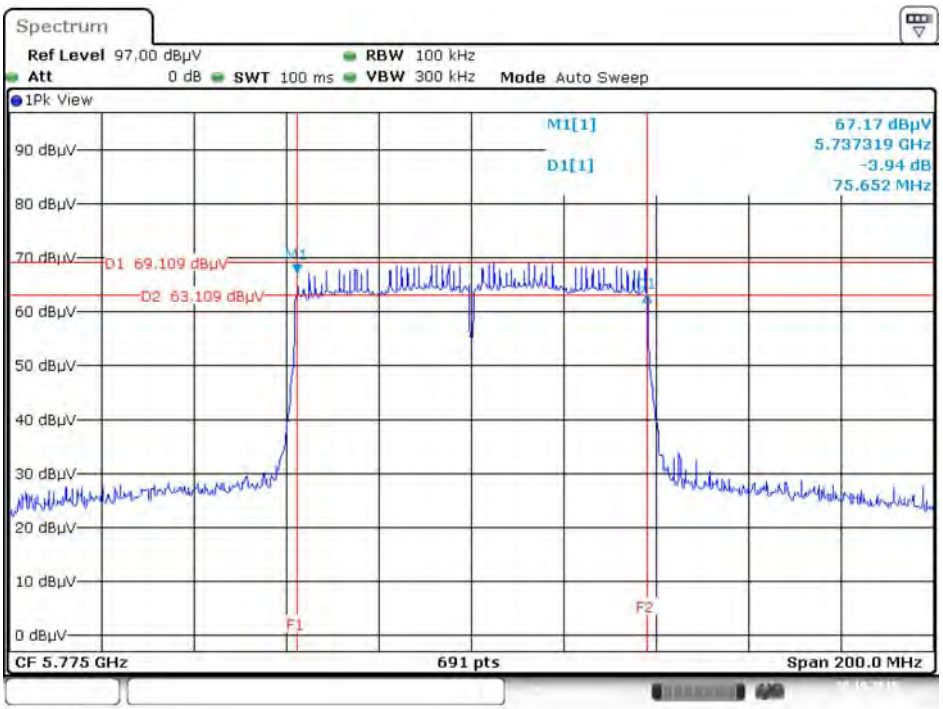
Date: 20.OCT.2015 23:38:12

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



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

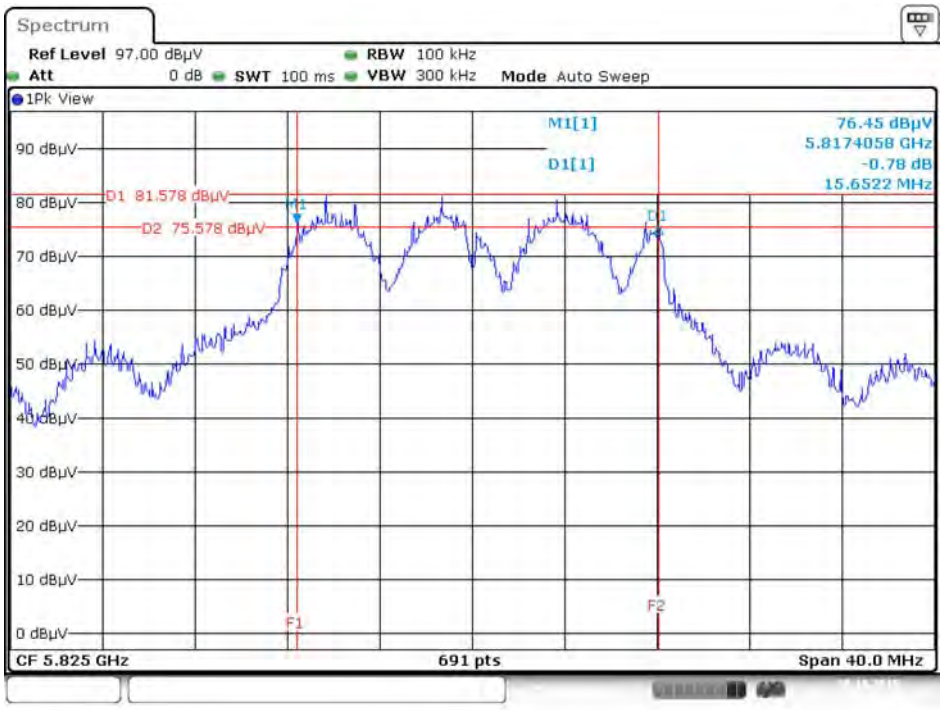
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz



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

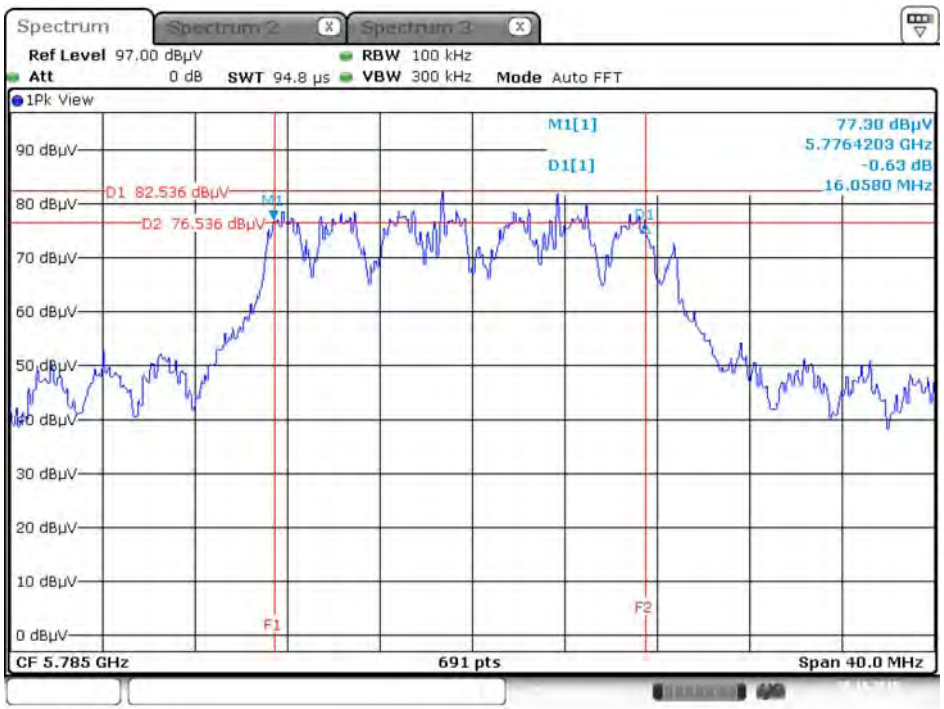
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX)

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



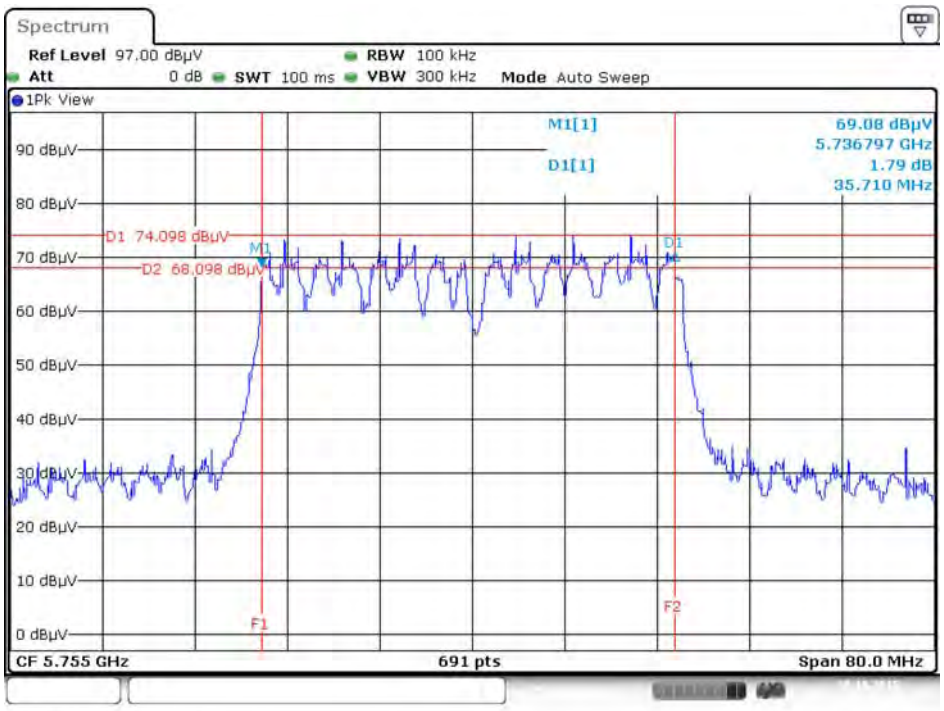
Date: 20.OCT.2015 22:26:49

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



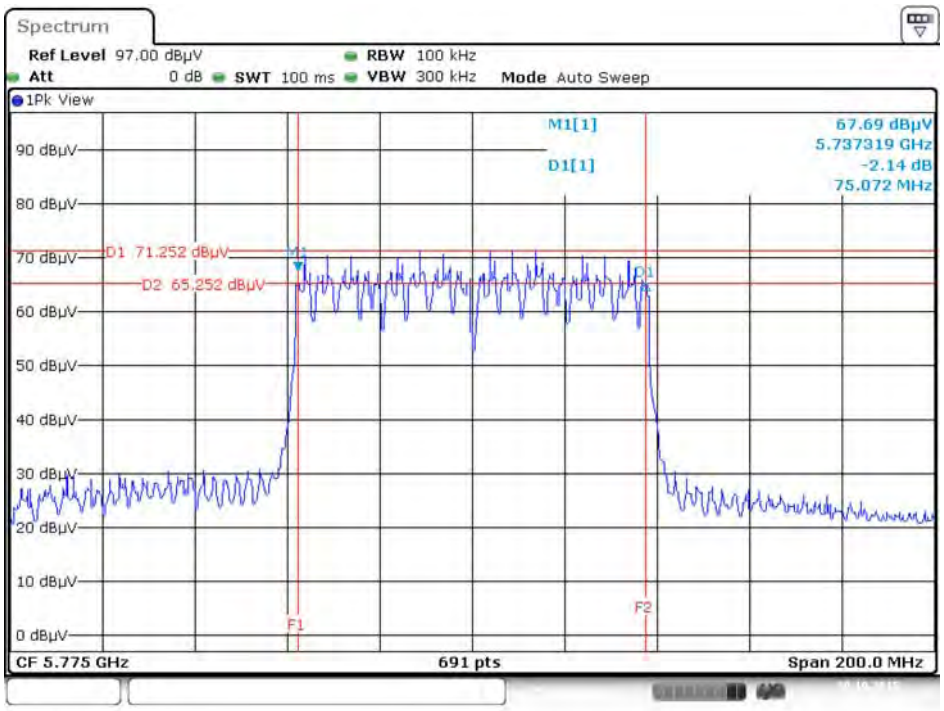
Date: 20.OCT.2015 11:12:52

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

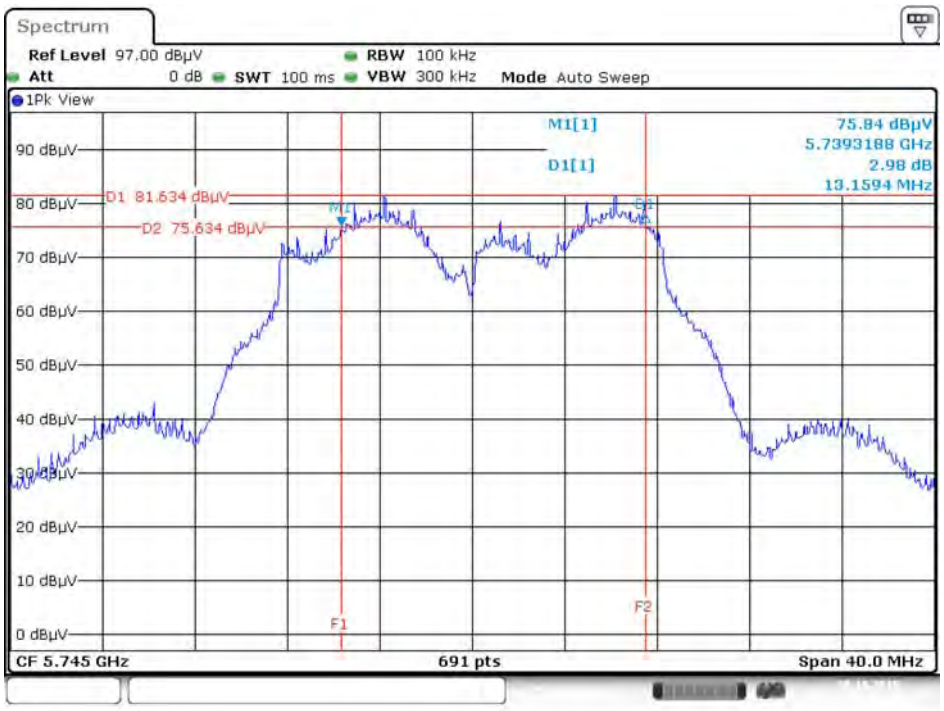
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz



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

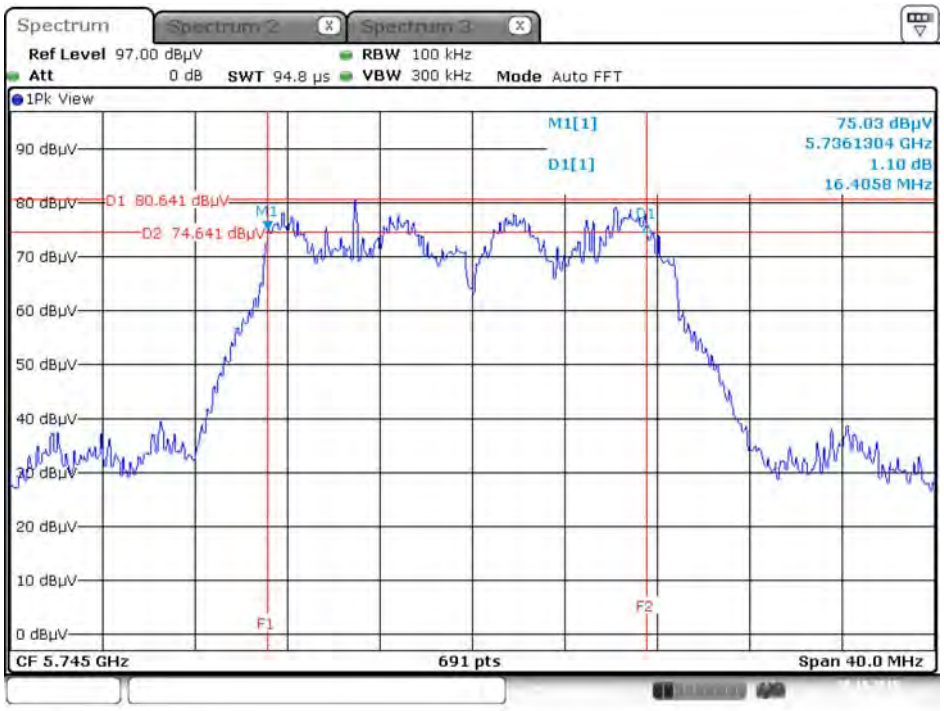
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX)

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



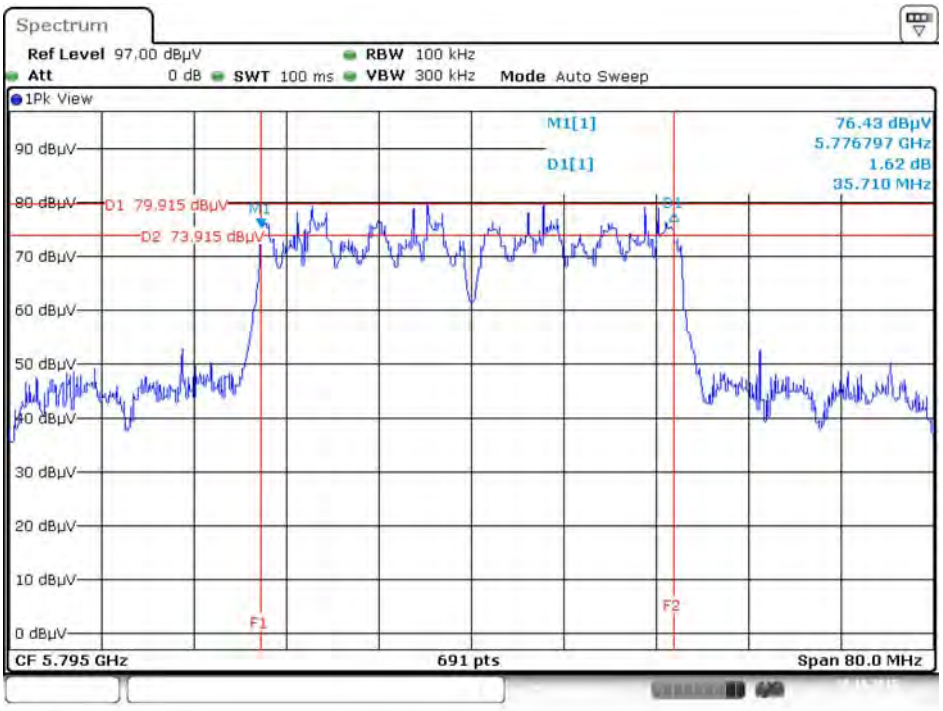
Date: 20.OCT.2015 23:55:53

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



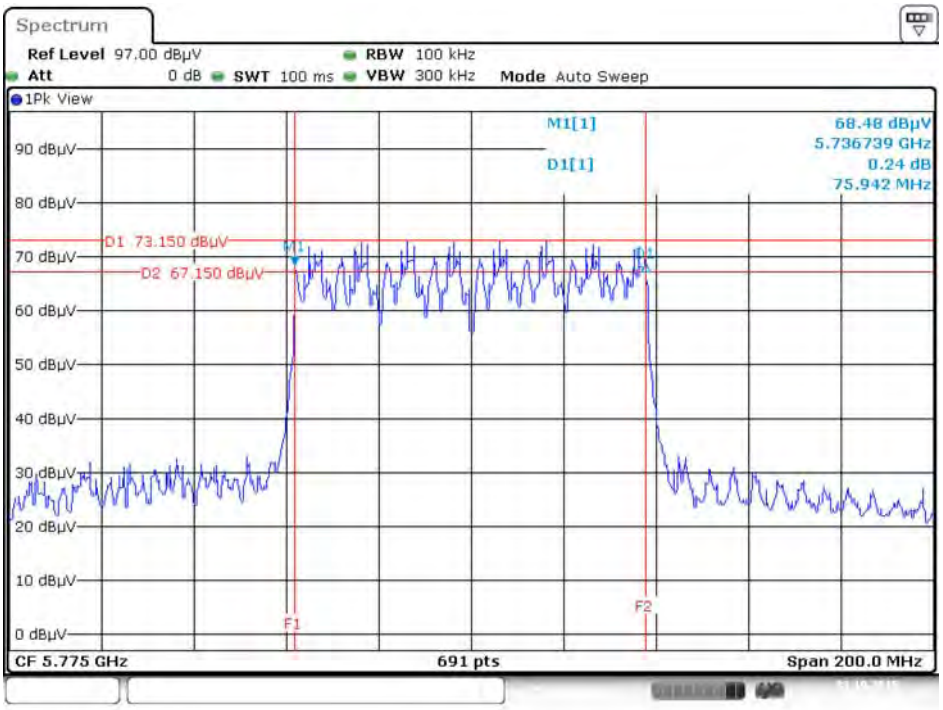
Date: 20.OCT.2015 11:29:53

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

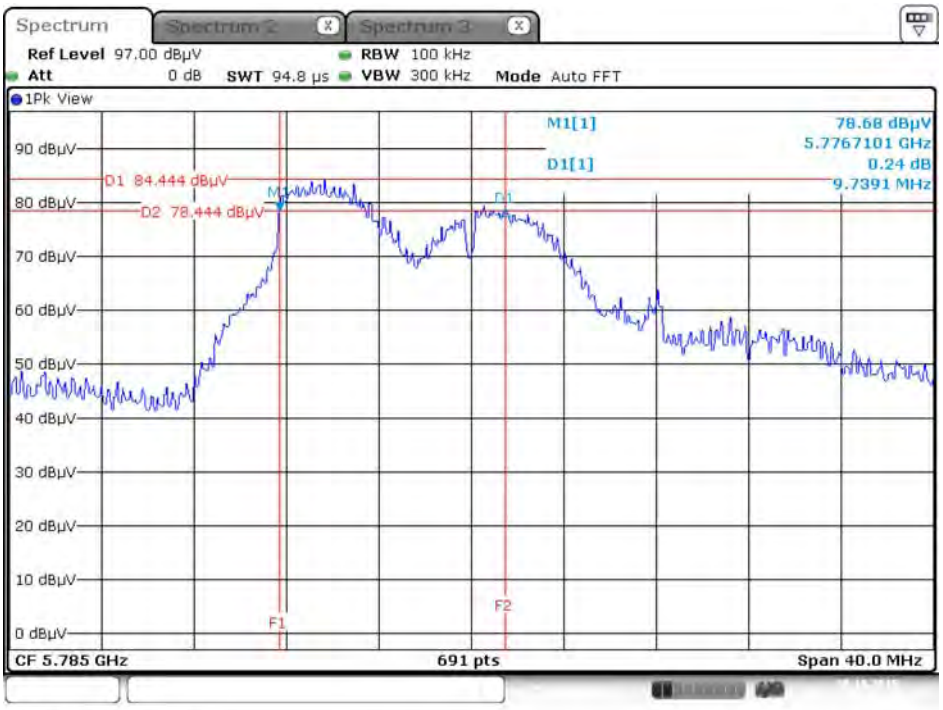
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz



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

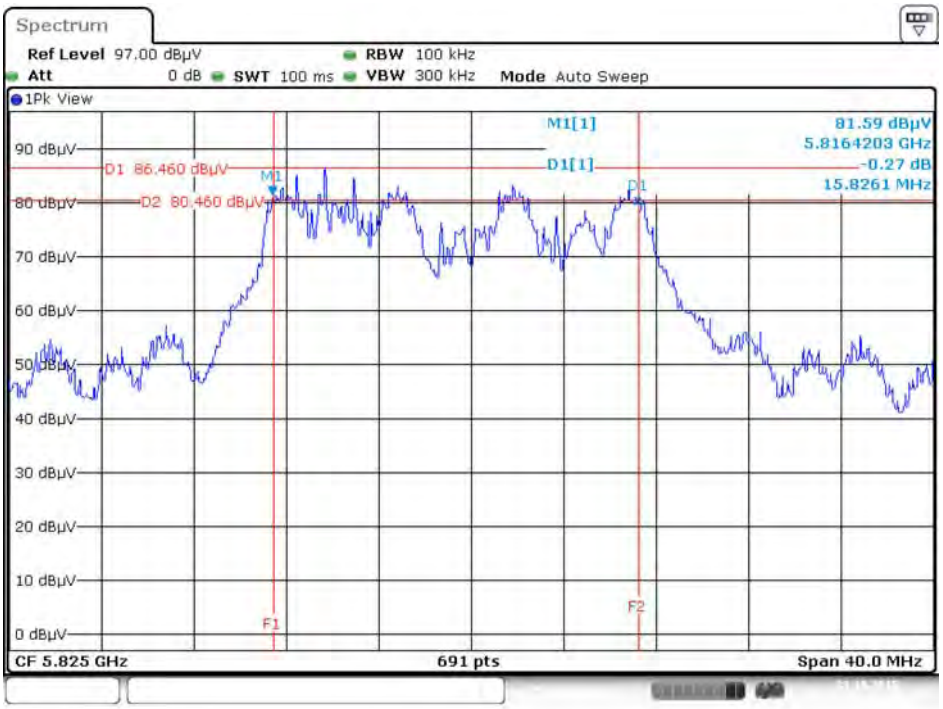
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 4TX)

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



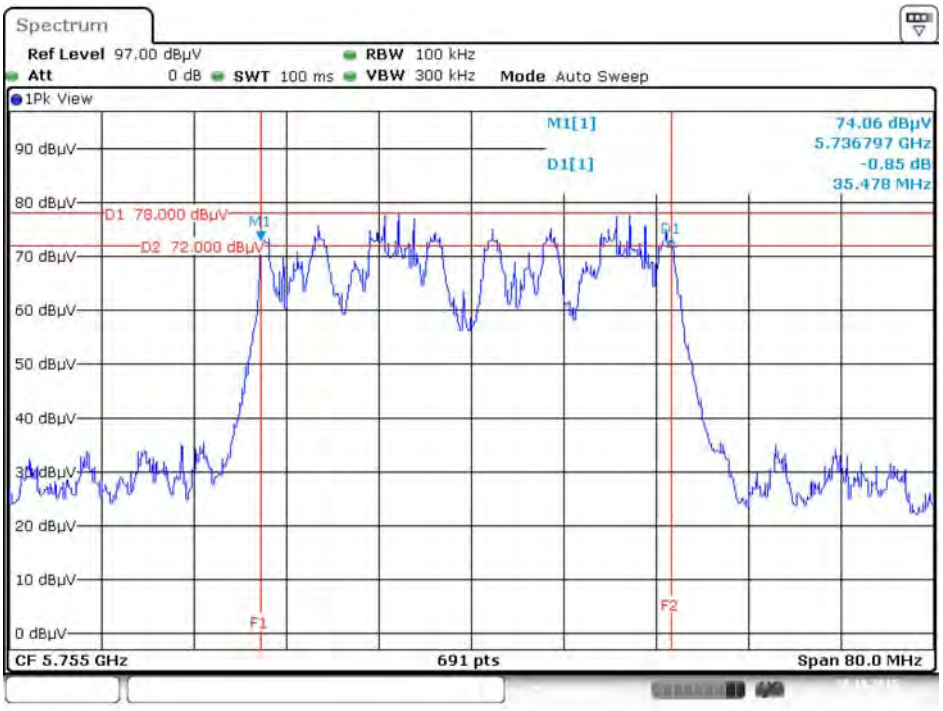
Date: 20.OCT.2015 11:53:43

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



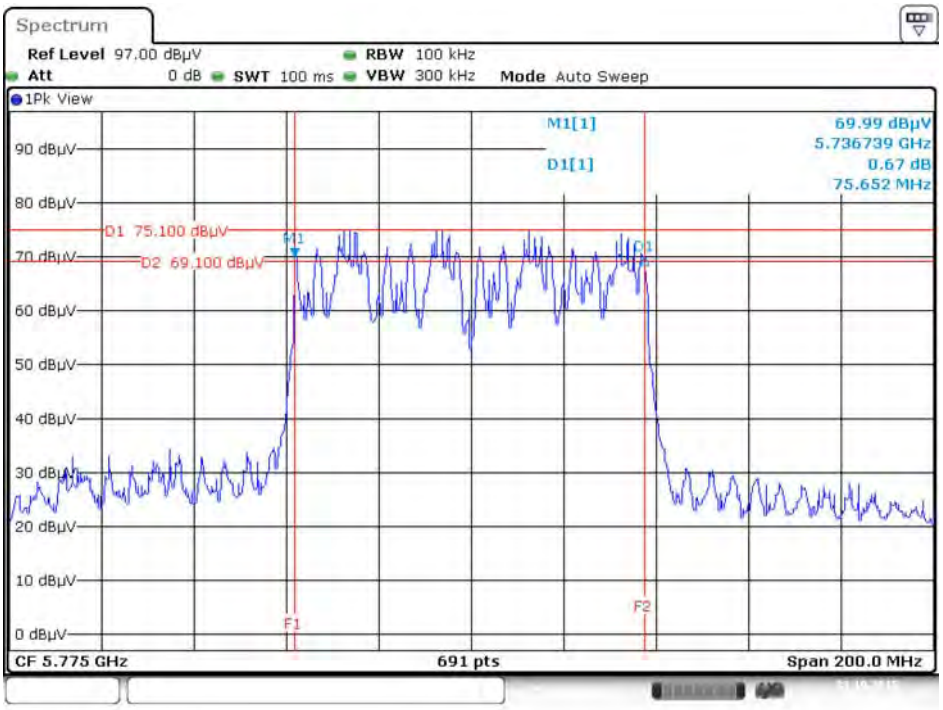
Date: 21.OCT.2015 00:26:25

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

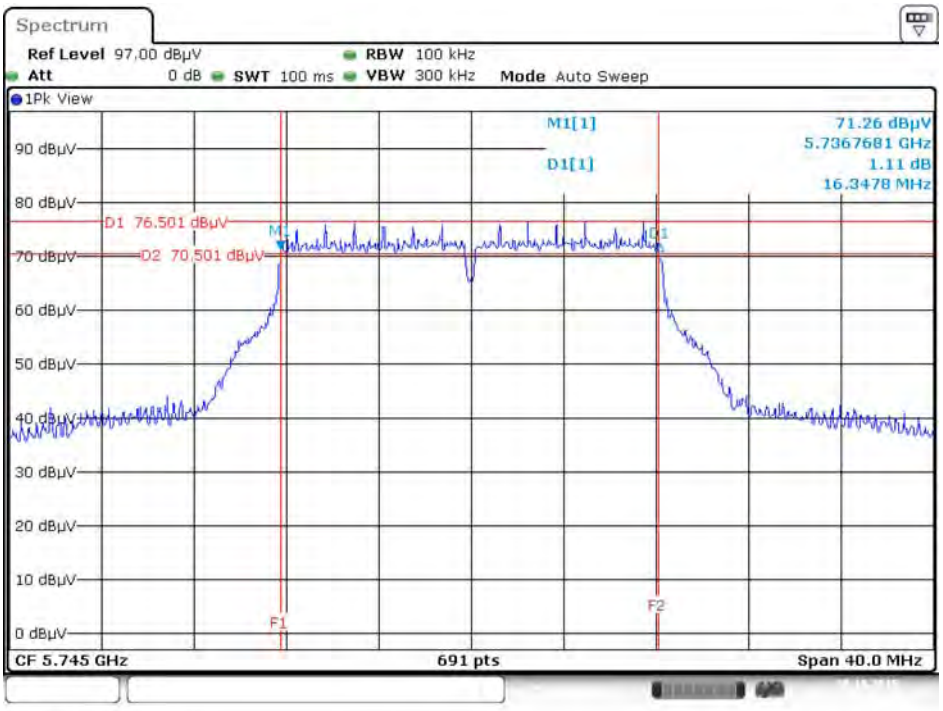


Date: 21.OCT.2015 00:30:27

For indoor / outdoor use

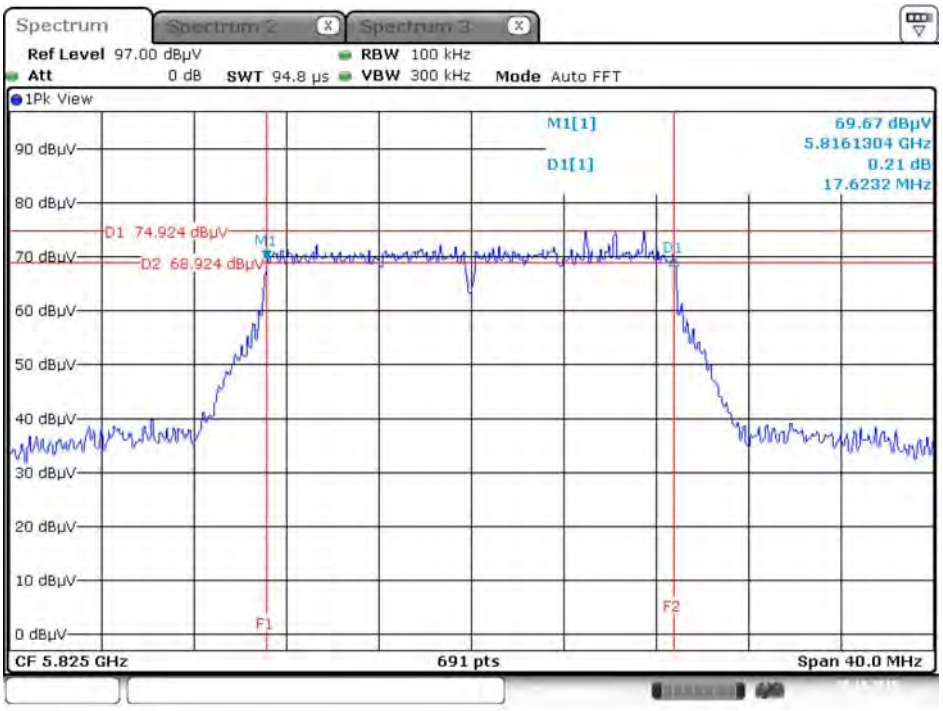
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX)

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



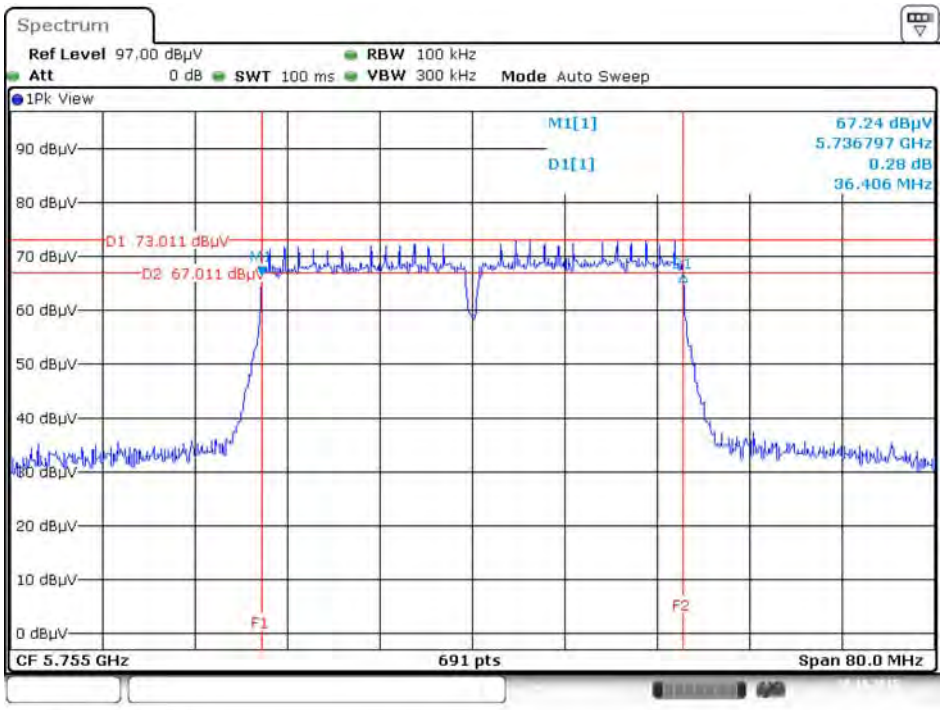
Date: 20.OCT.2015 22:13:11

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



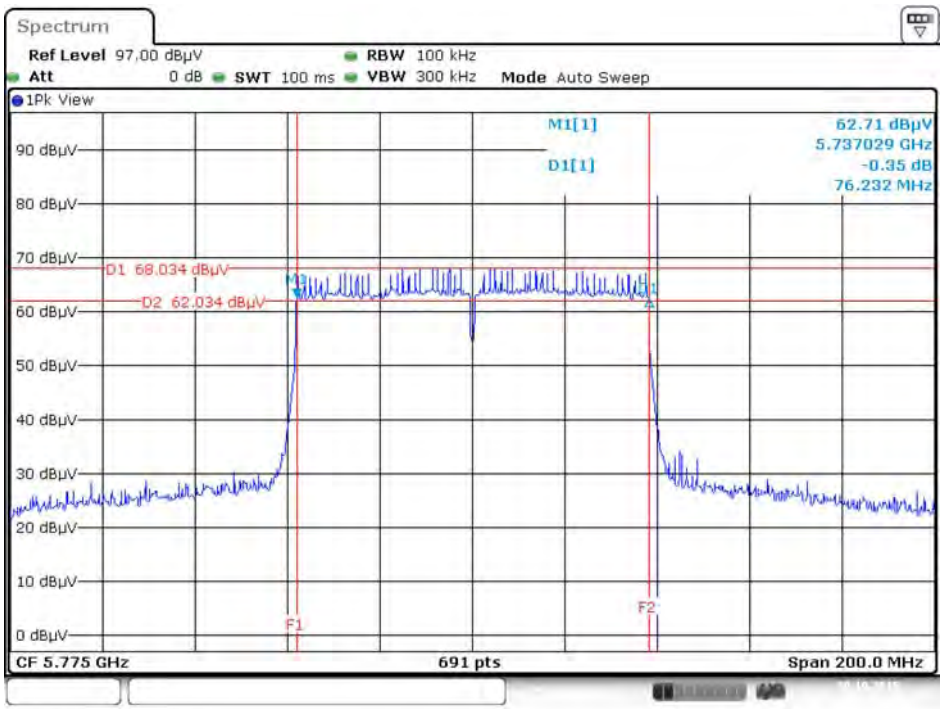
Date: 20.OCT.2015 10:36:24

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



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

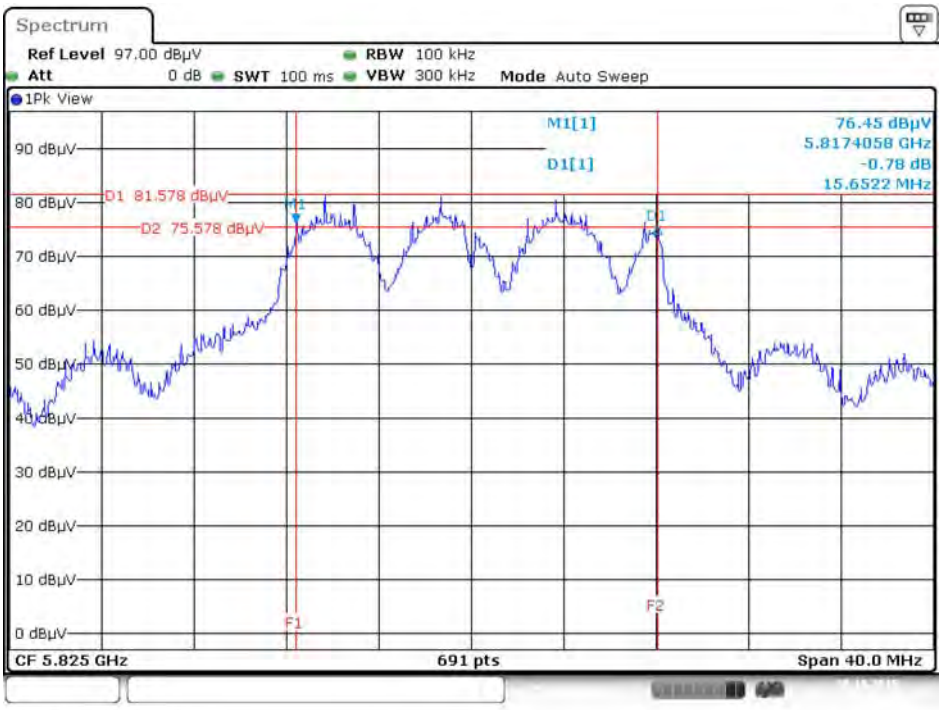
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz



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

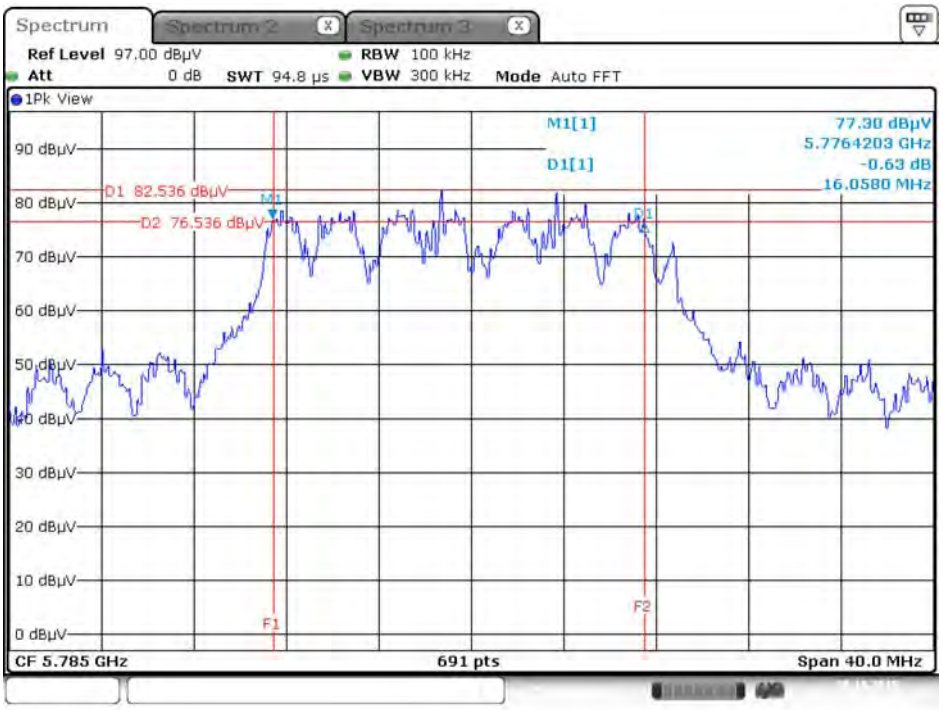
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX)

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



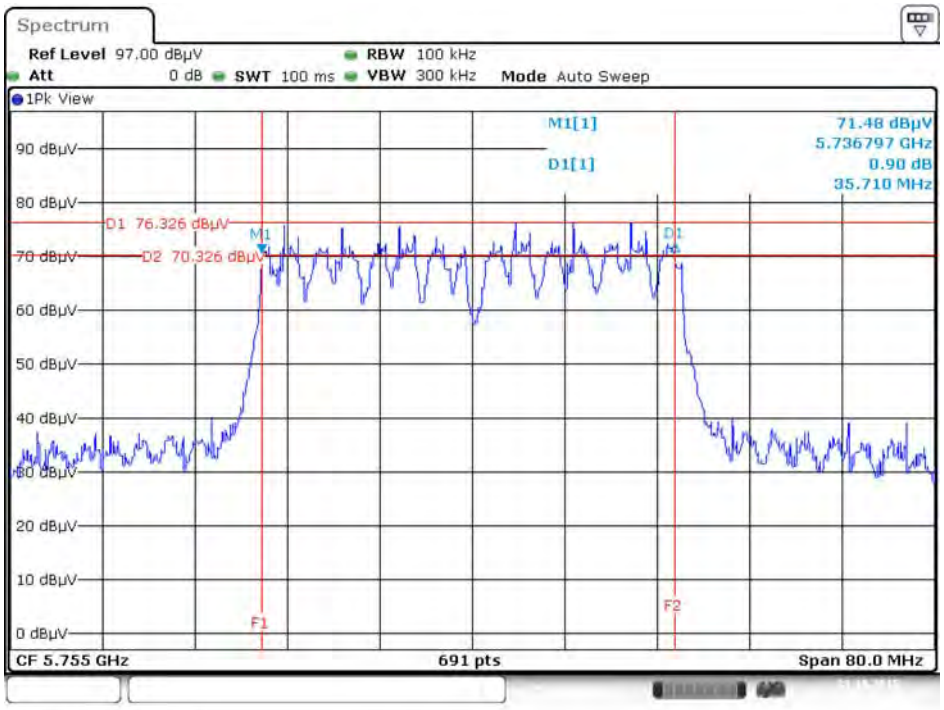
Date: 20.OCT.2015 22:26:49

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



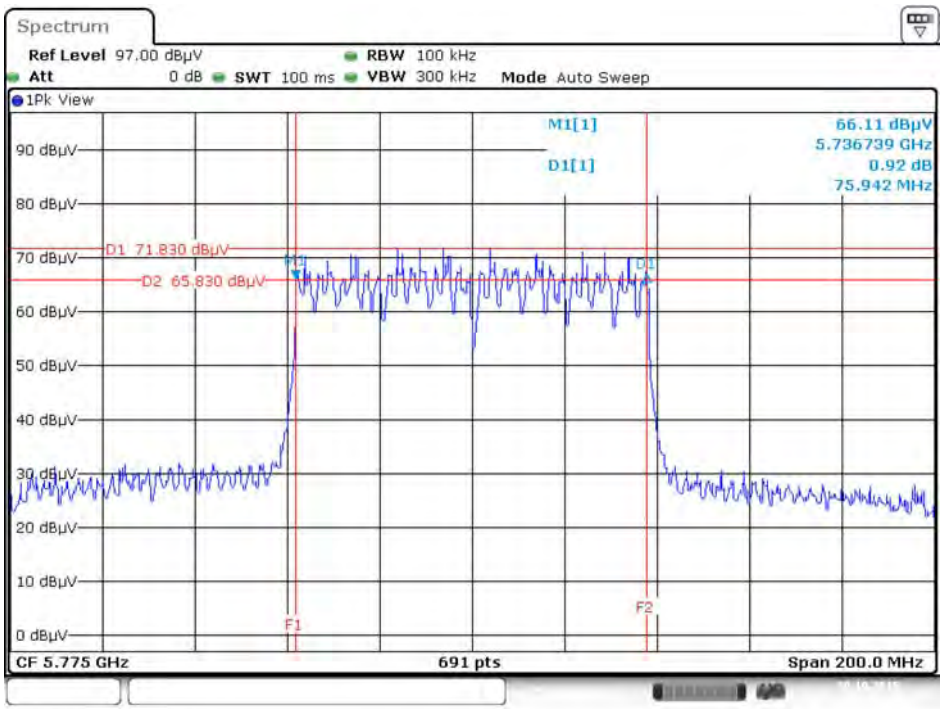
Date: 20.OCT.2015 11:12:52

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

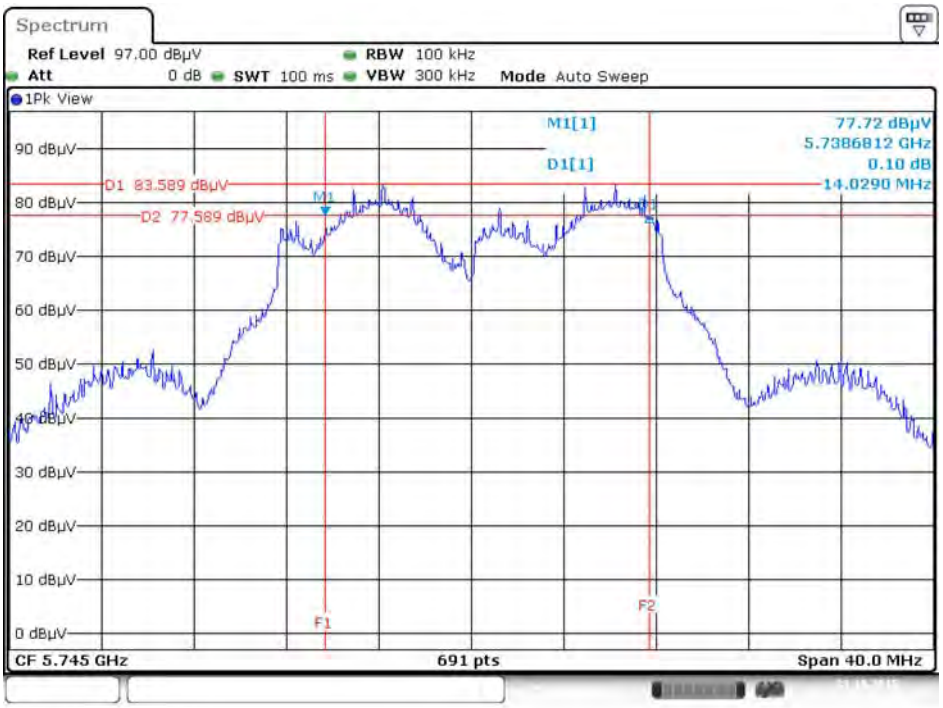
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz



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

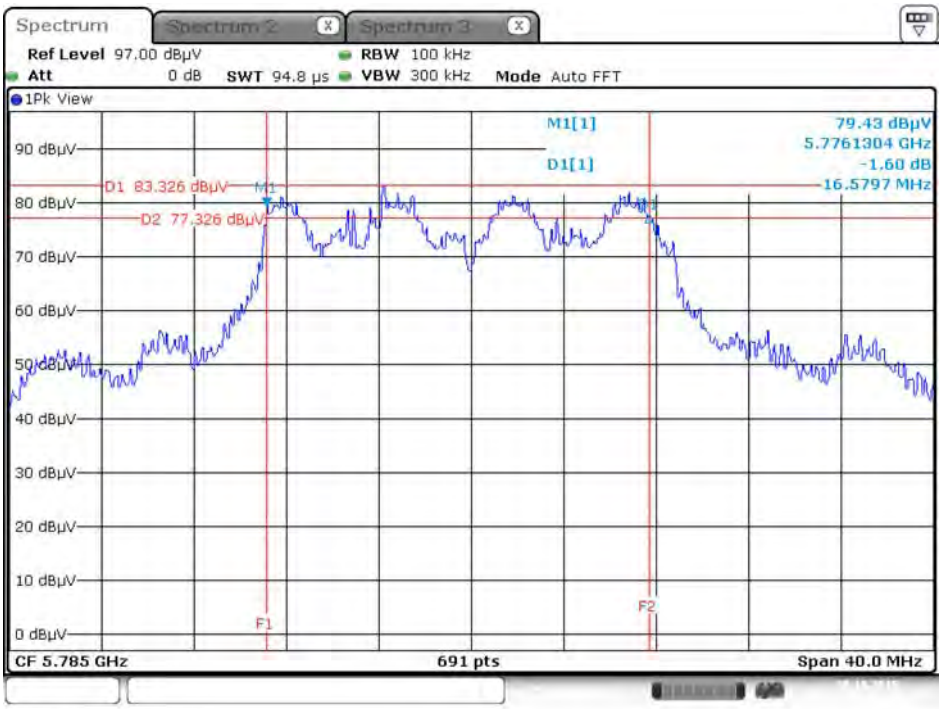
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX)

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



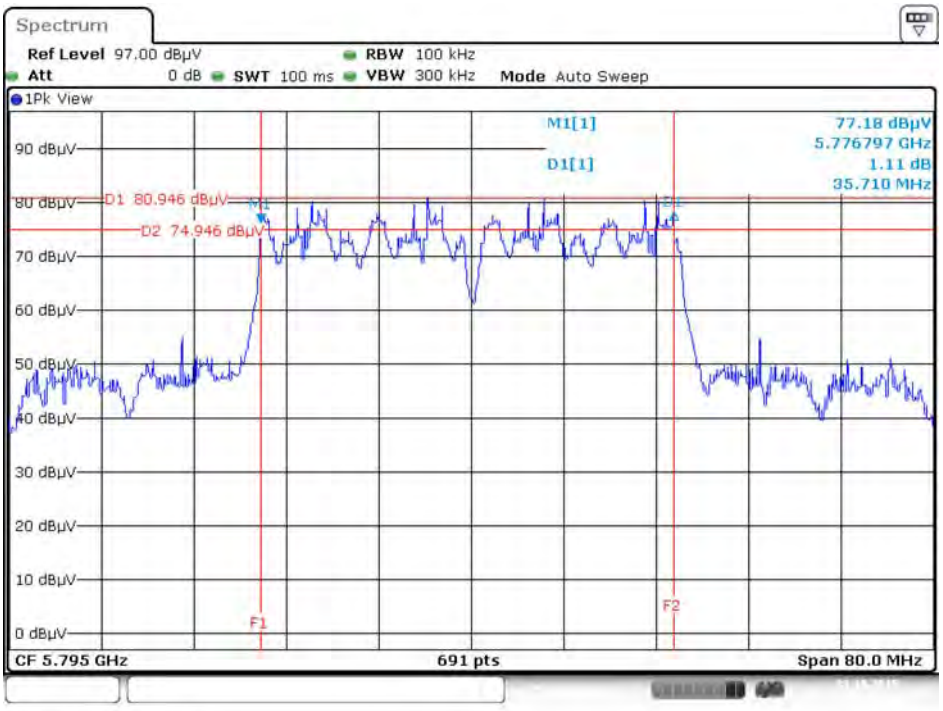
Date: 21.OCT.2015 00:53:08

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



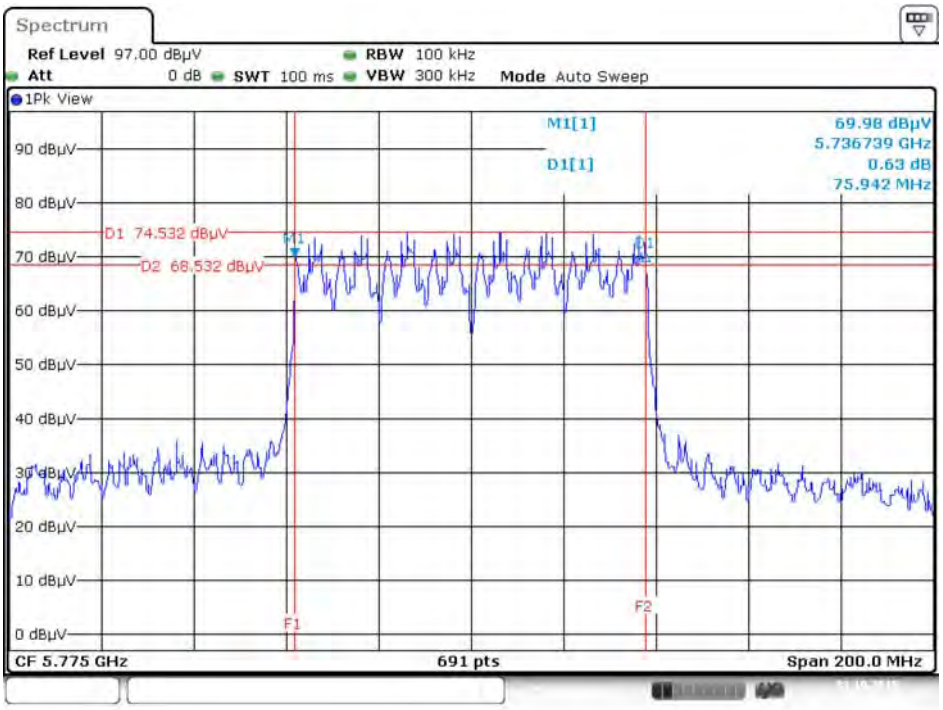
Date: 20.OCT.2015 11:30:20

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

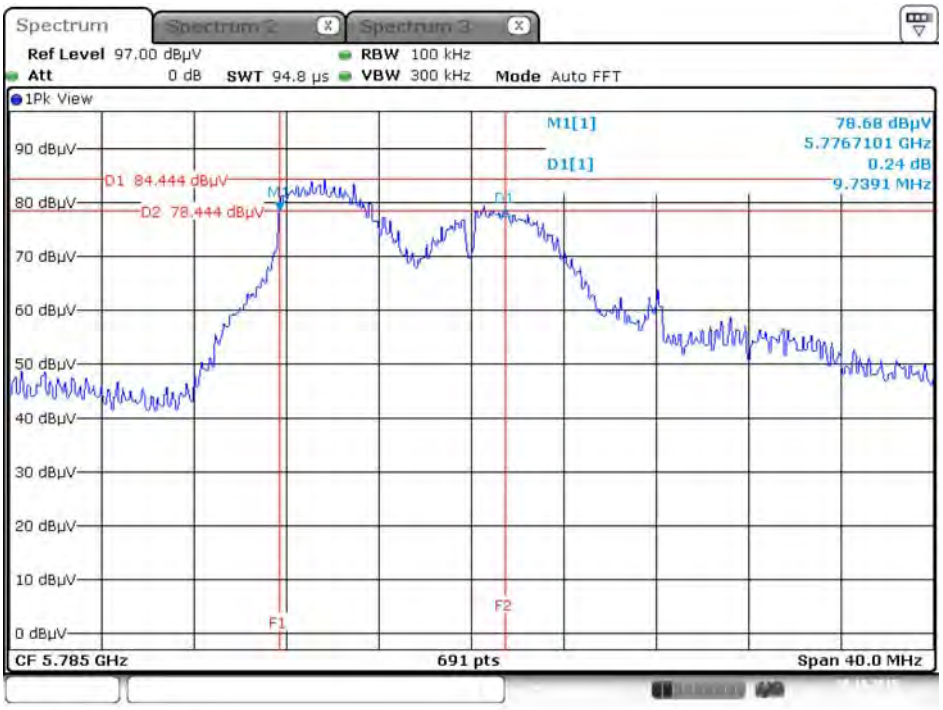
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz



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

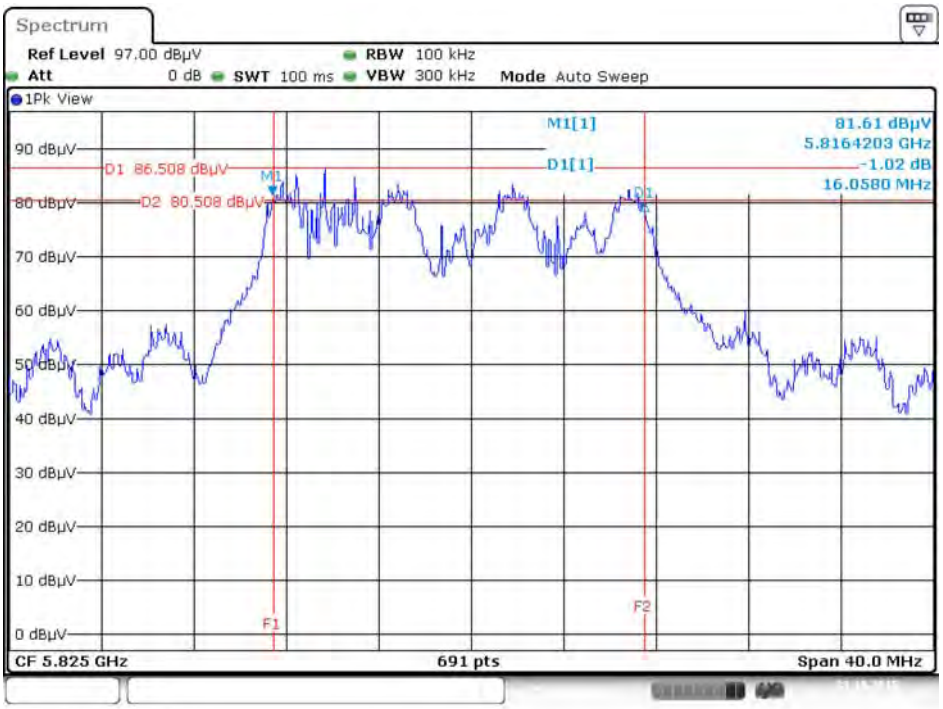
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX)

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



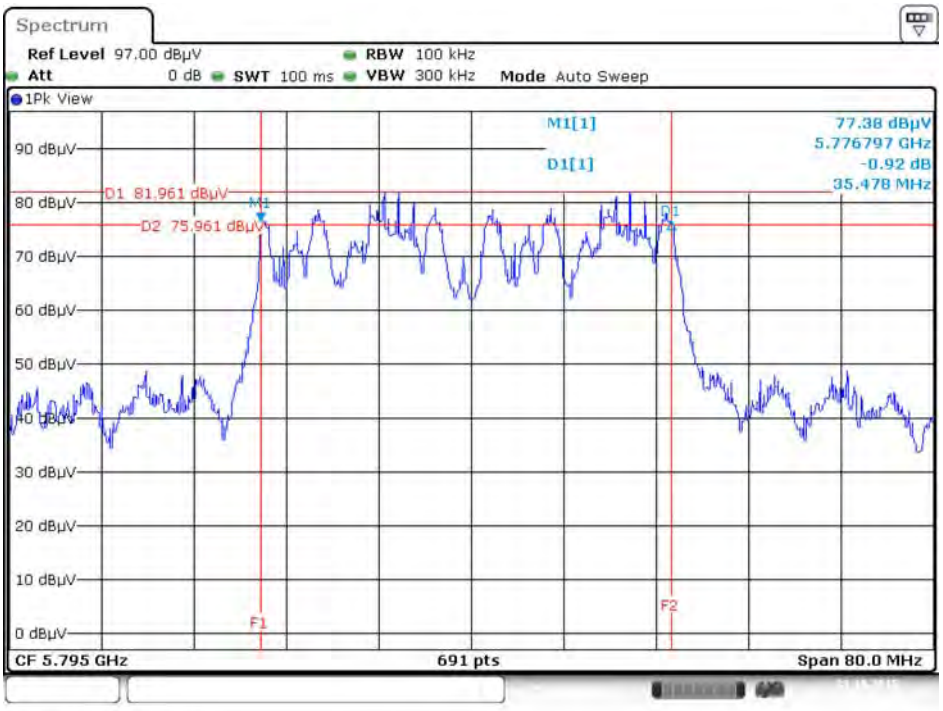
Date: 20.OCT.2015 11:53:43

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



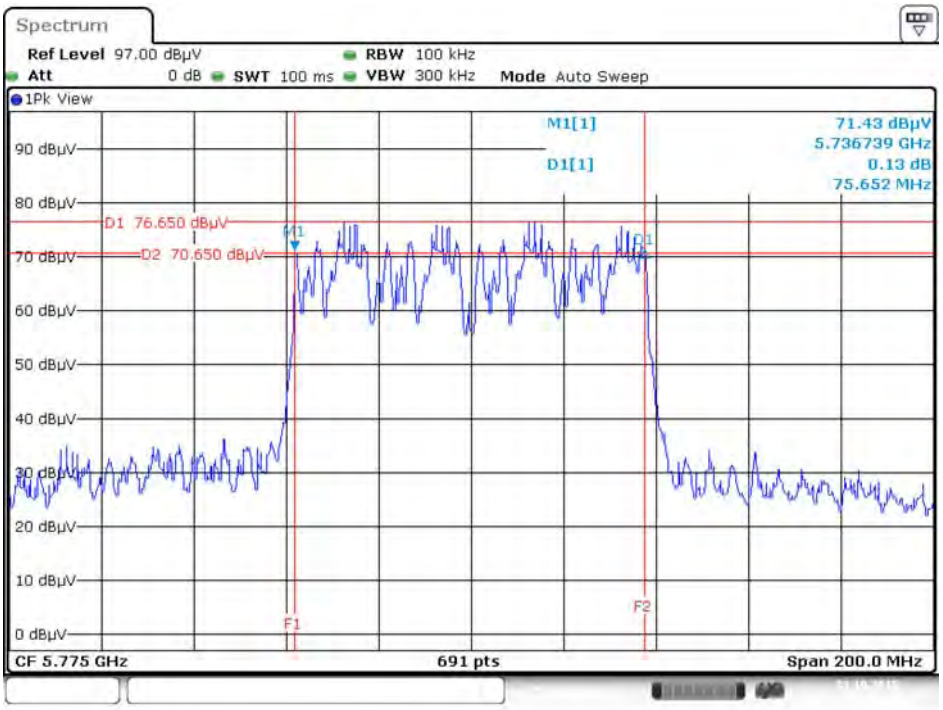
Date: 21.OCT.2015 01:04:08

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

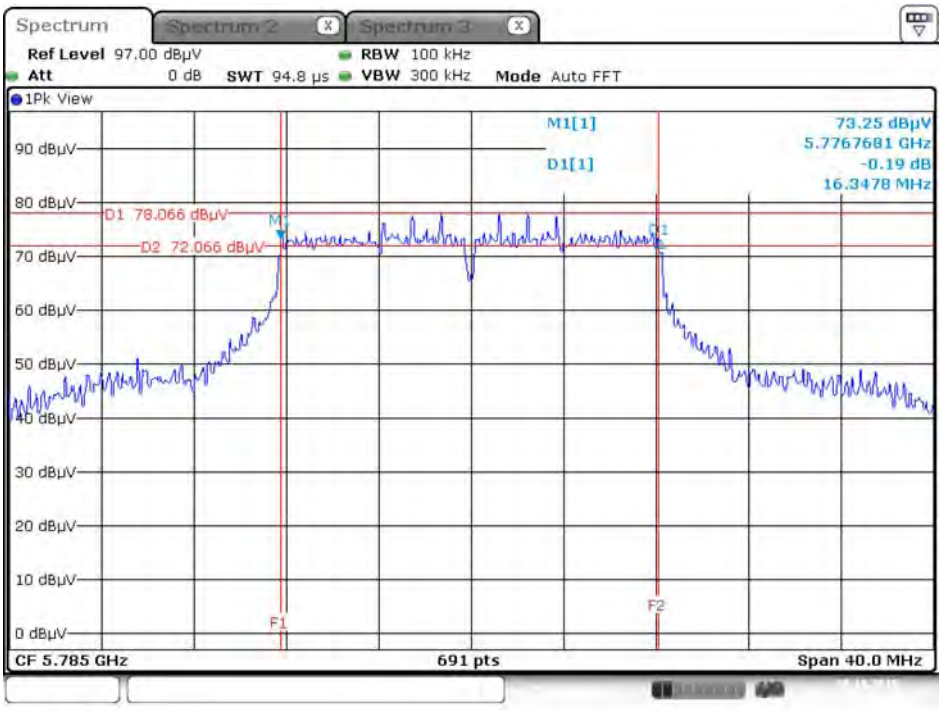


Date: 21.OCT.2015 01:07:49

For indoor / outdoor use

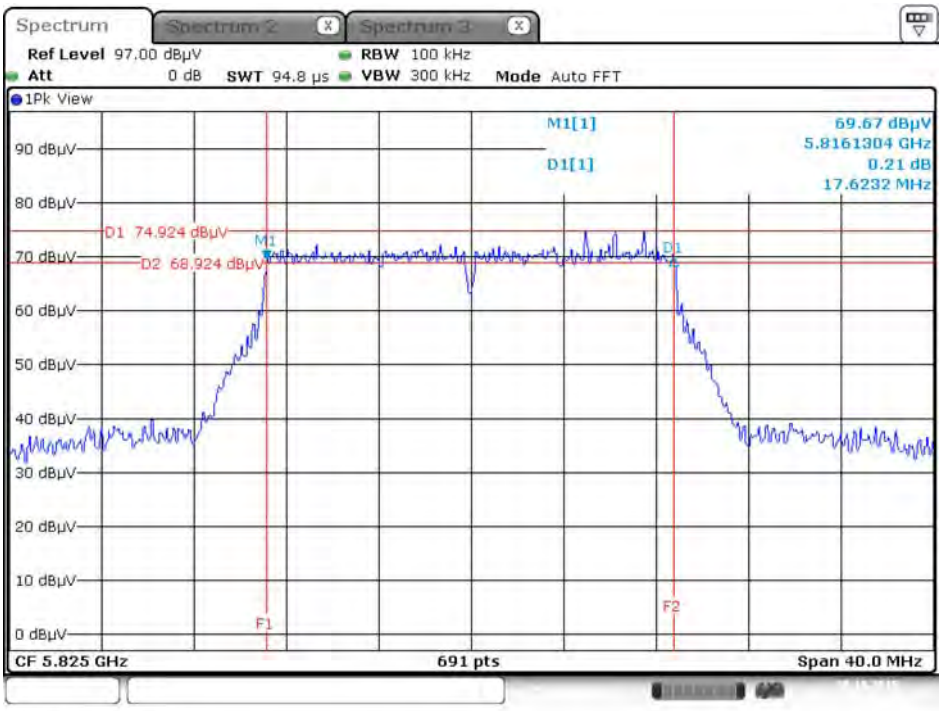
Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX)

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



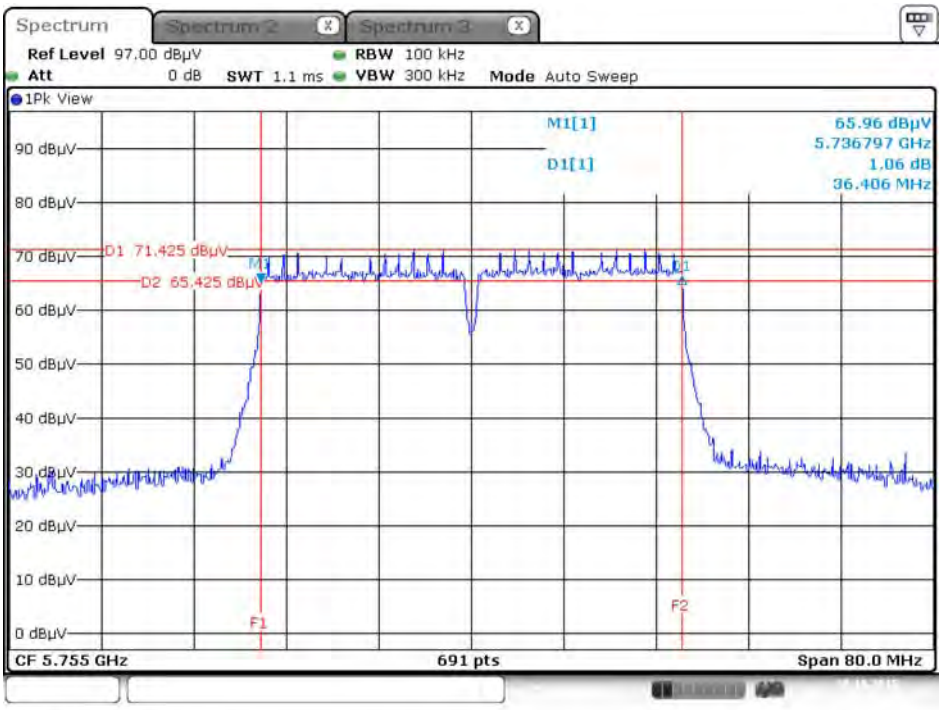
Date: 20.OCT.2015 10:25:44

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



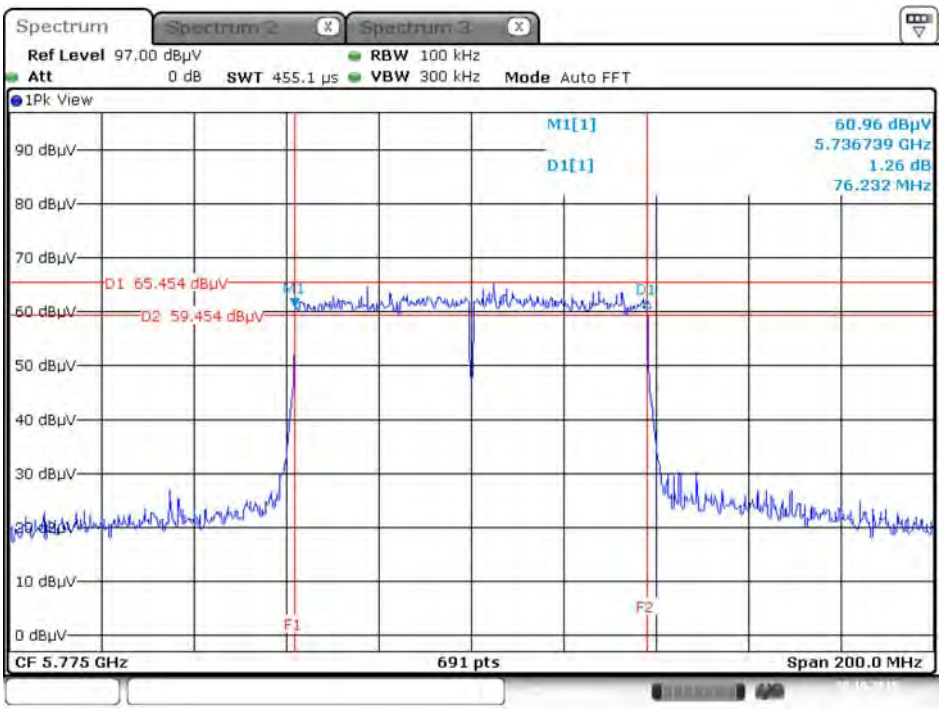
Date: 20.OCT.2015 10:36:24

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



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

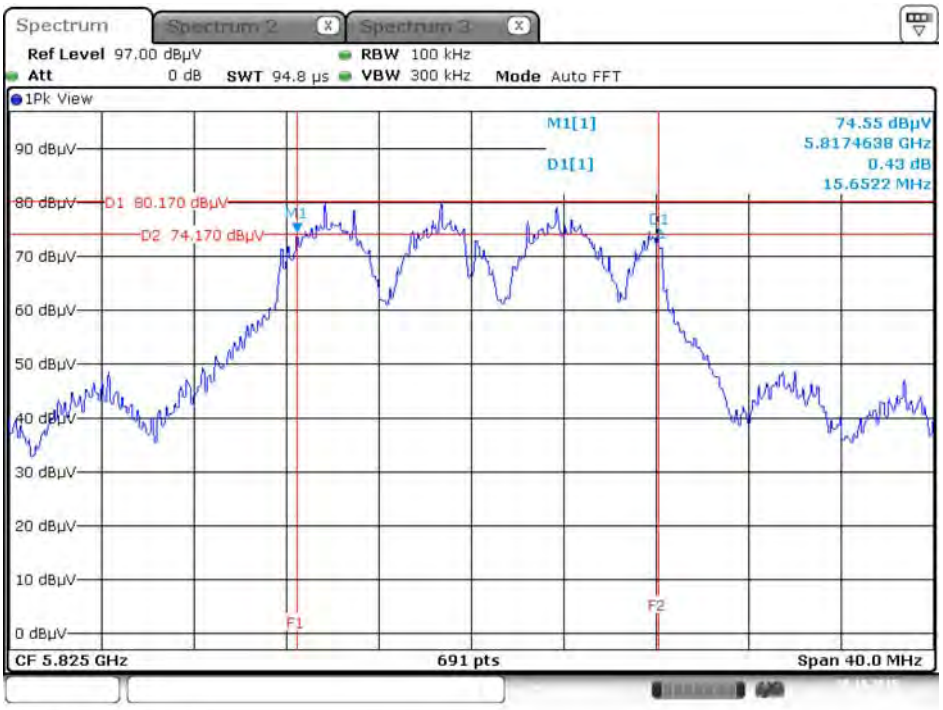
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz



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

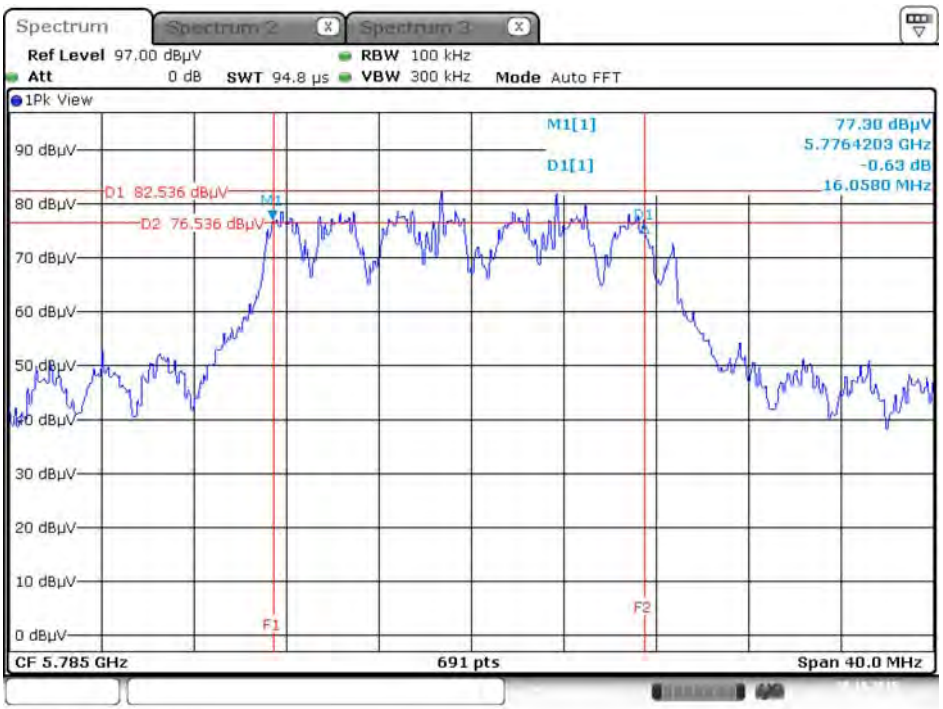
Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX)

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



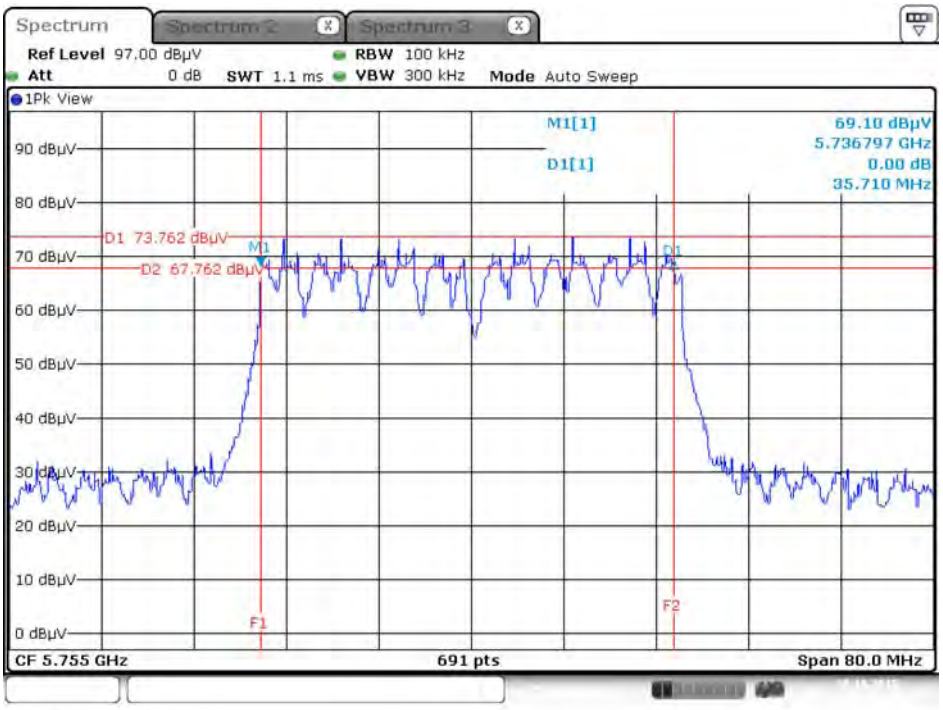
Date: 20.OCT.2015 11:15:01

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



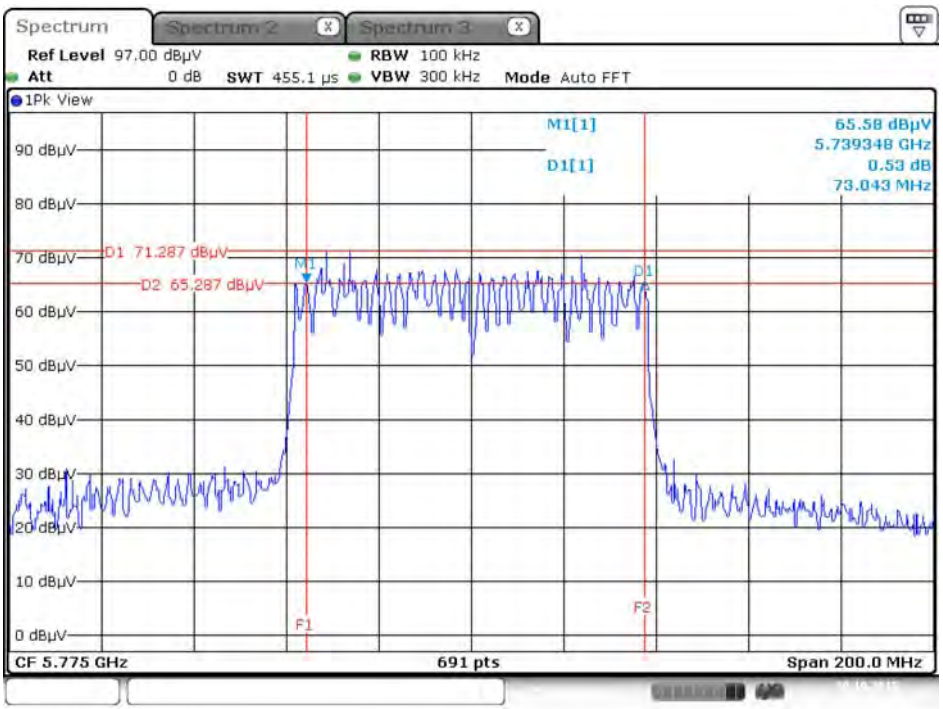
Date: 20.OCT.2015 11:12:52

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



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

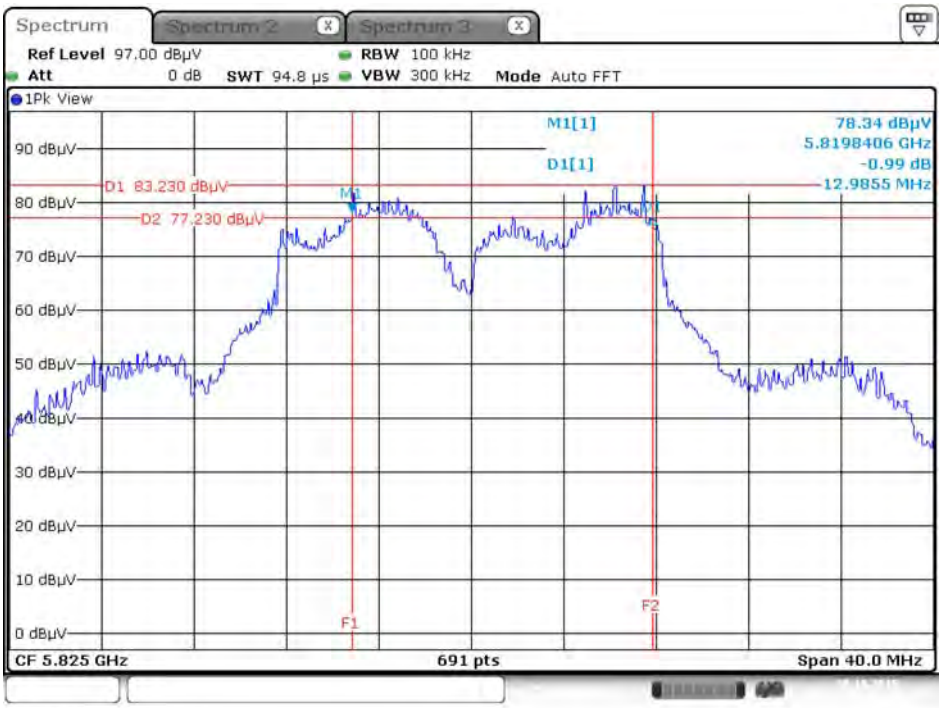
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz



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

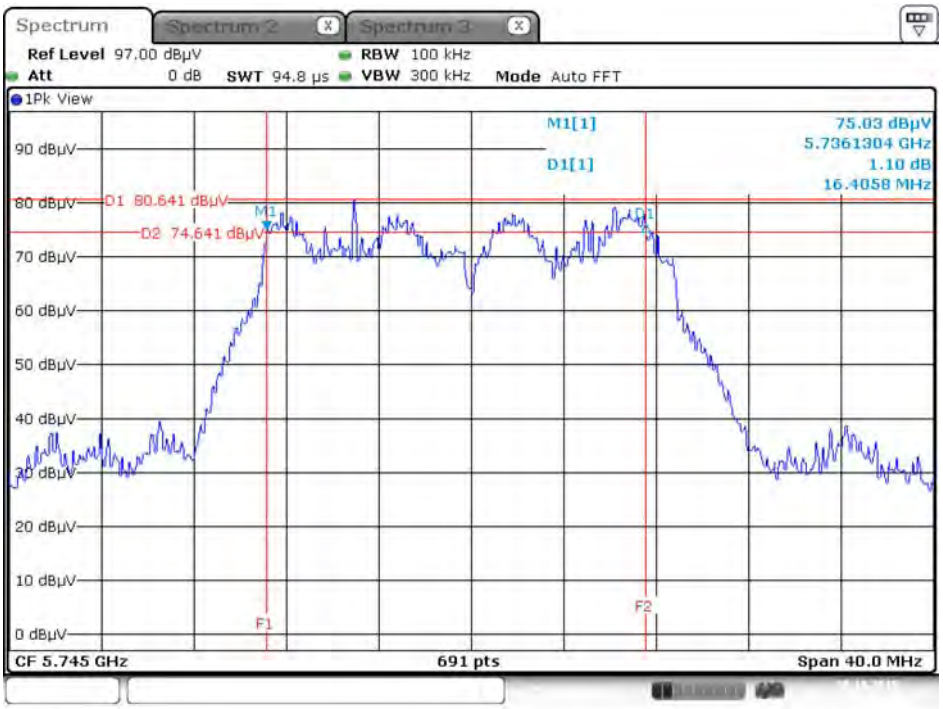
Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX)

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



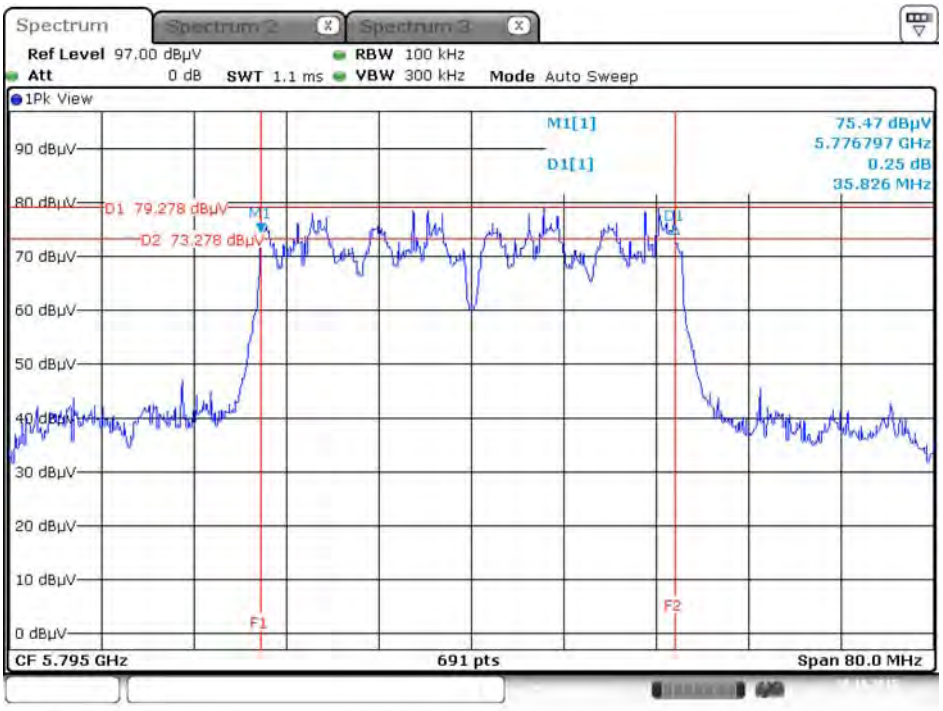
Date: 20.OCT.2015 11:32:16

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



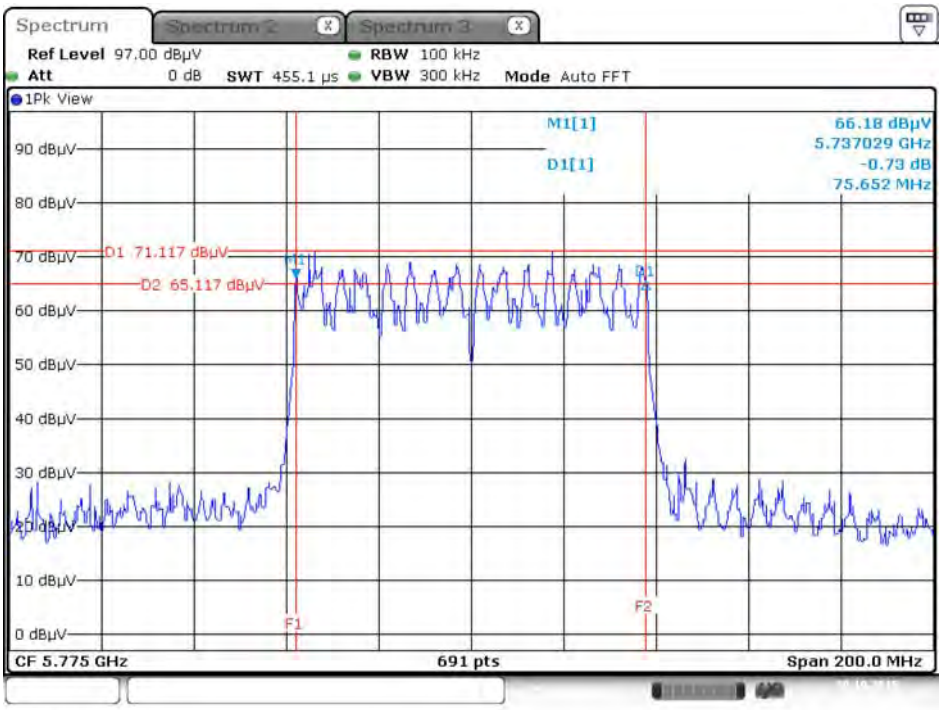
Date: 20.OCT.2015 11:29:53

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

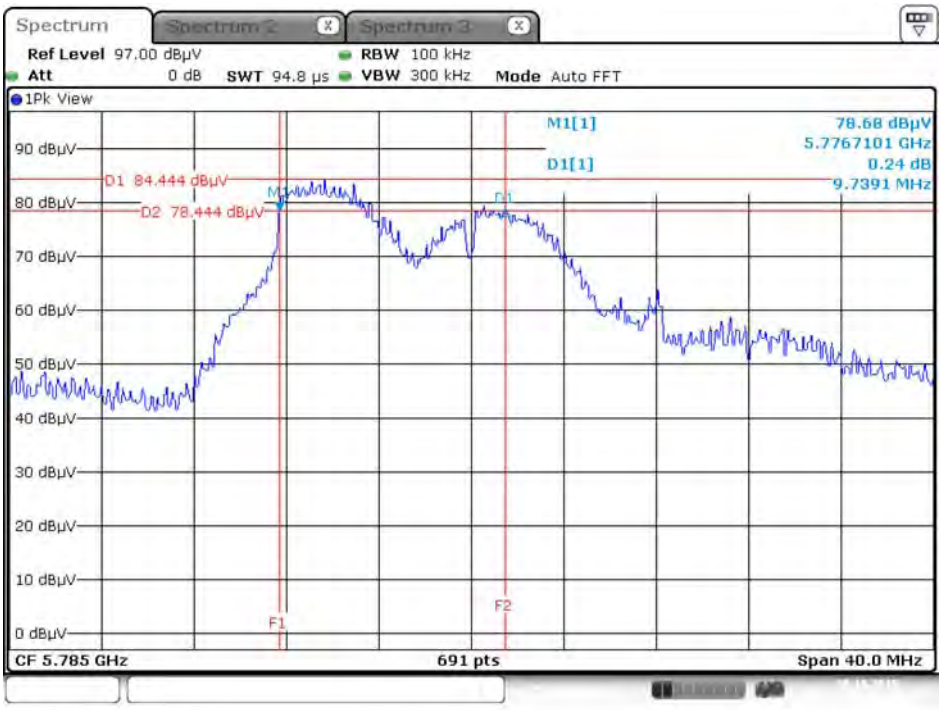
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz



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

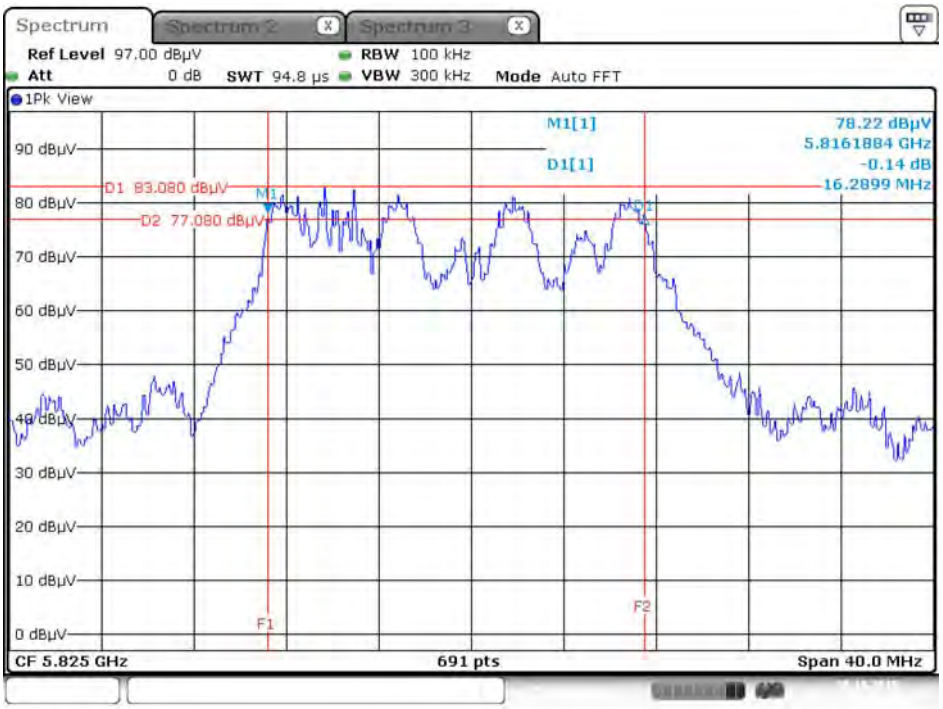
Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX)

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



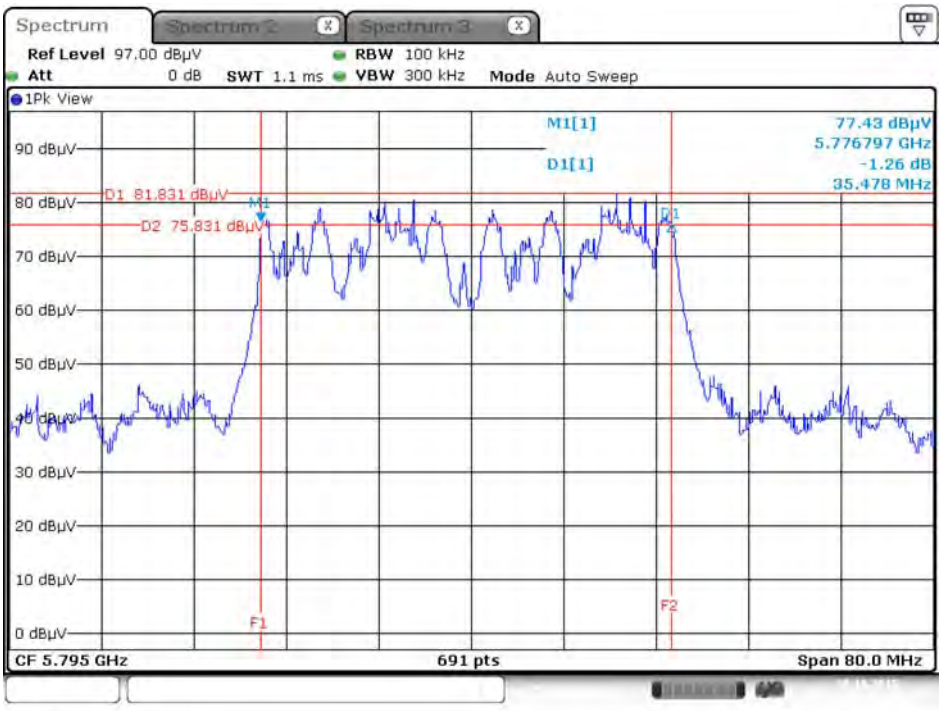
Date: 20.OCT.2015 11:53:43

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



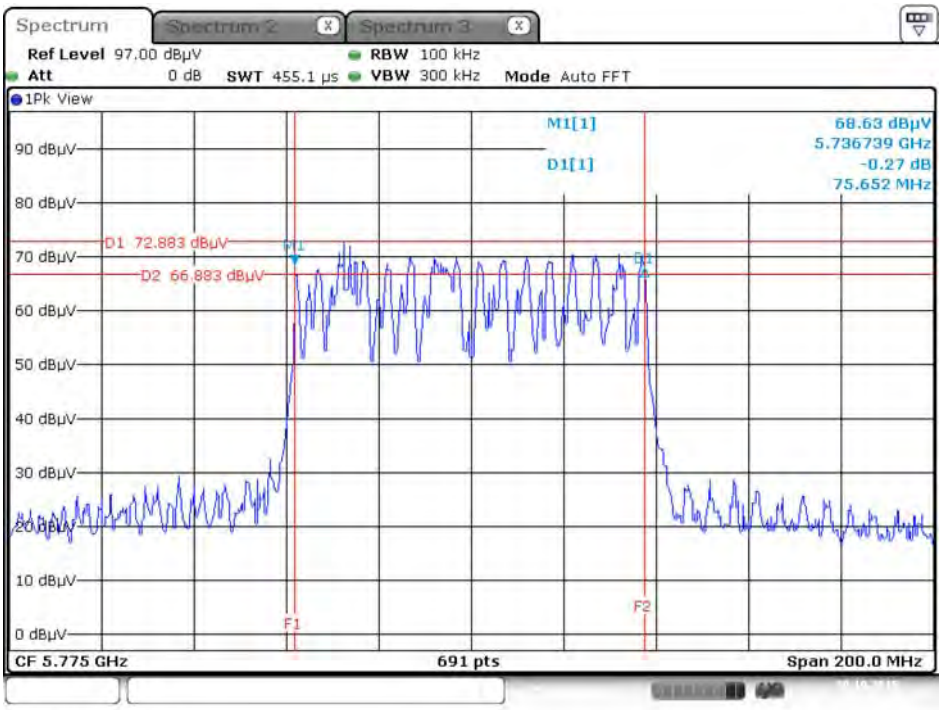
Date: 20.OCT.2015 11:52:11

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

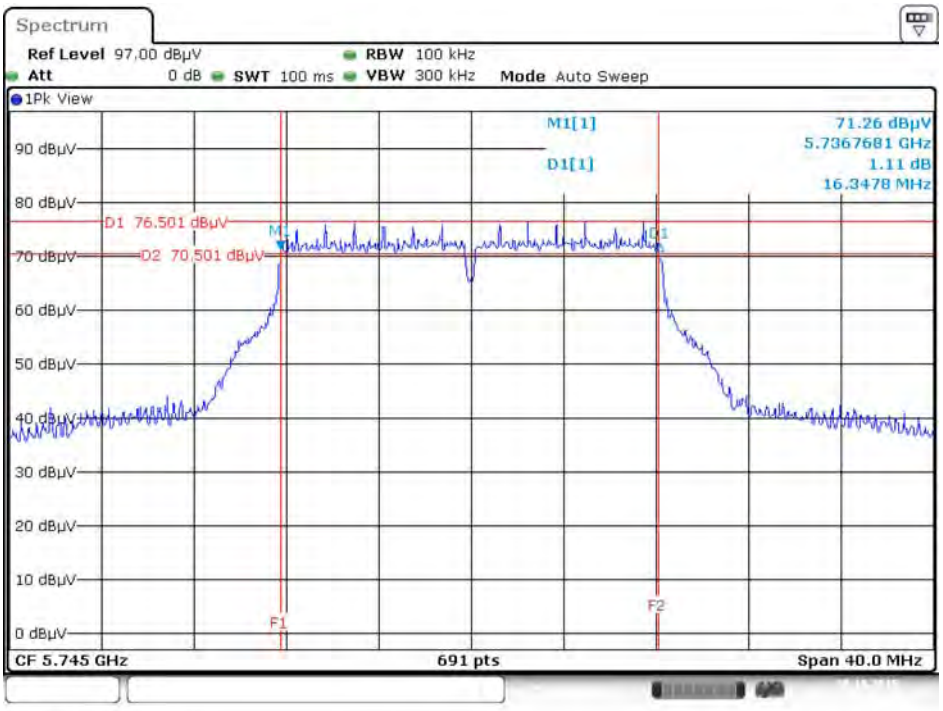


Date: 20.OCT.2015 11:45:08

For indoor / outdoor use

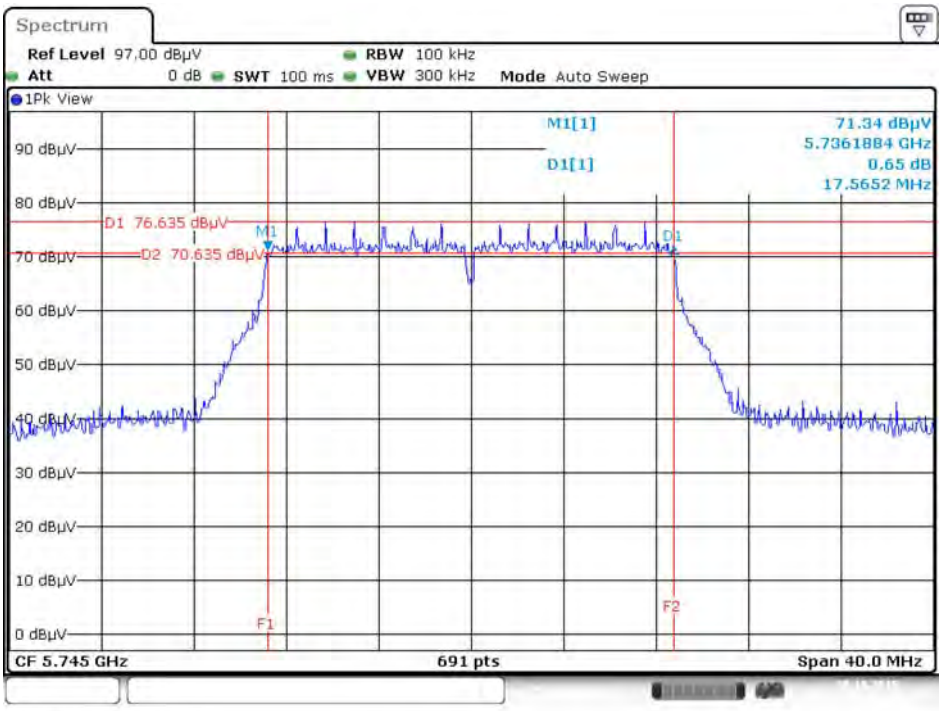
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX)

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



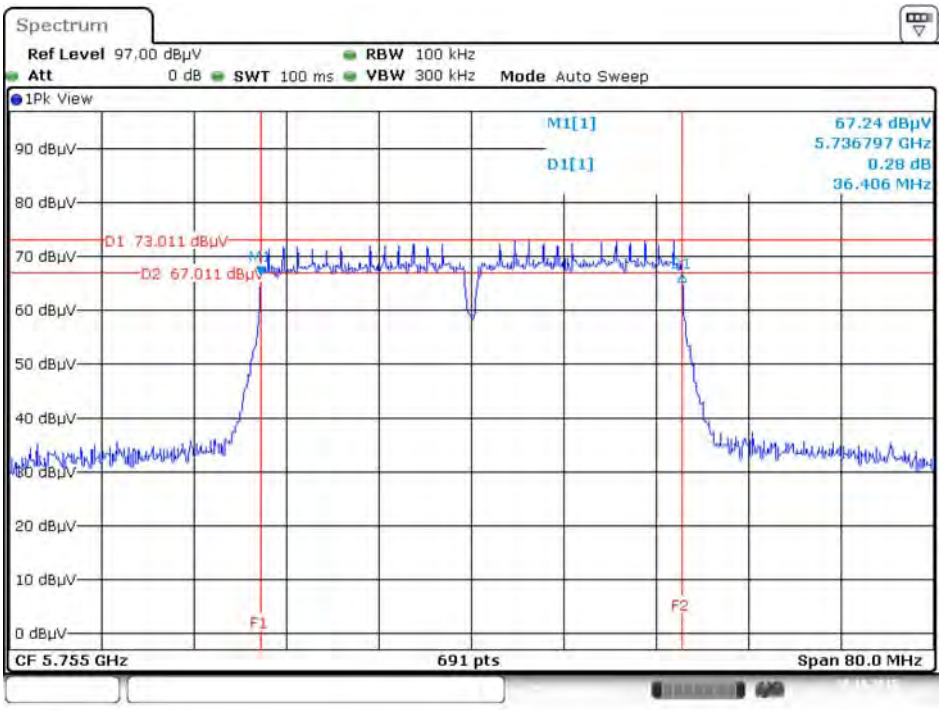
Date: 20.OCT.2015 22:13:11

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



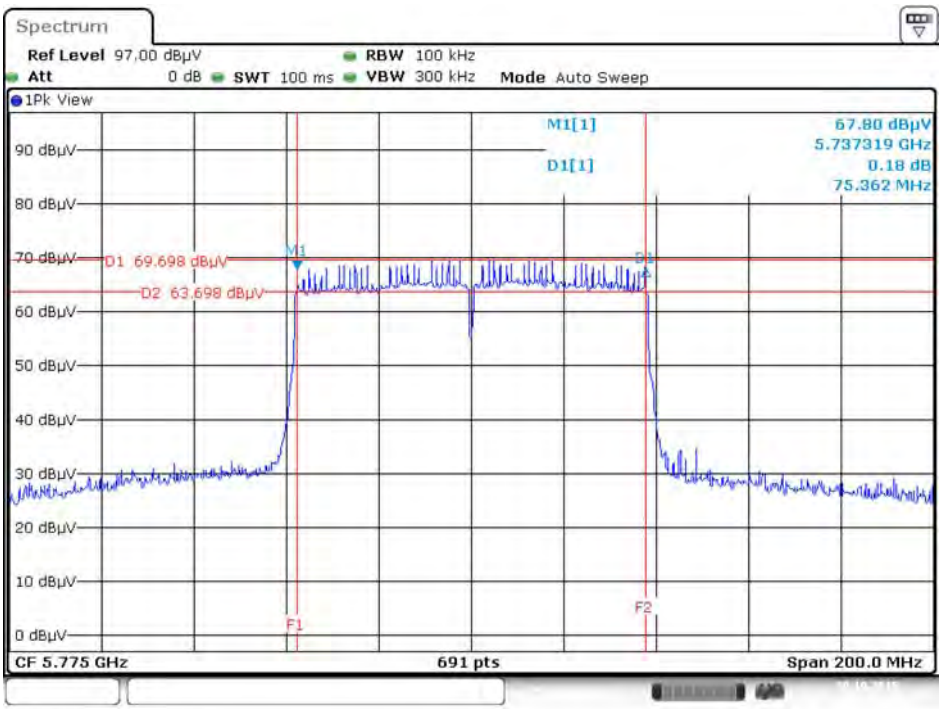
Date: 20.OCT.2015 22:14:15

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



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

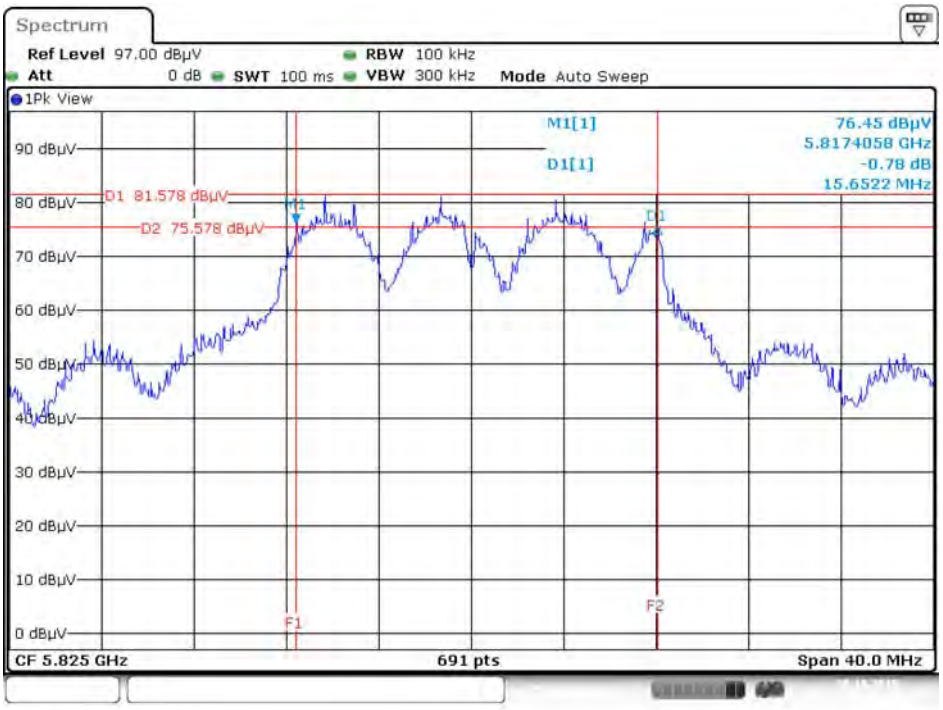
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz



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

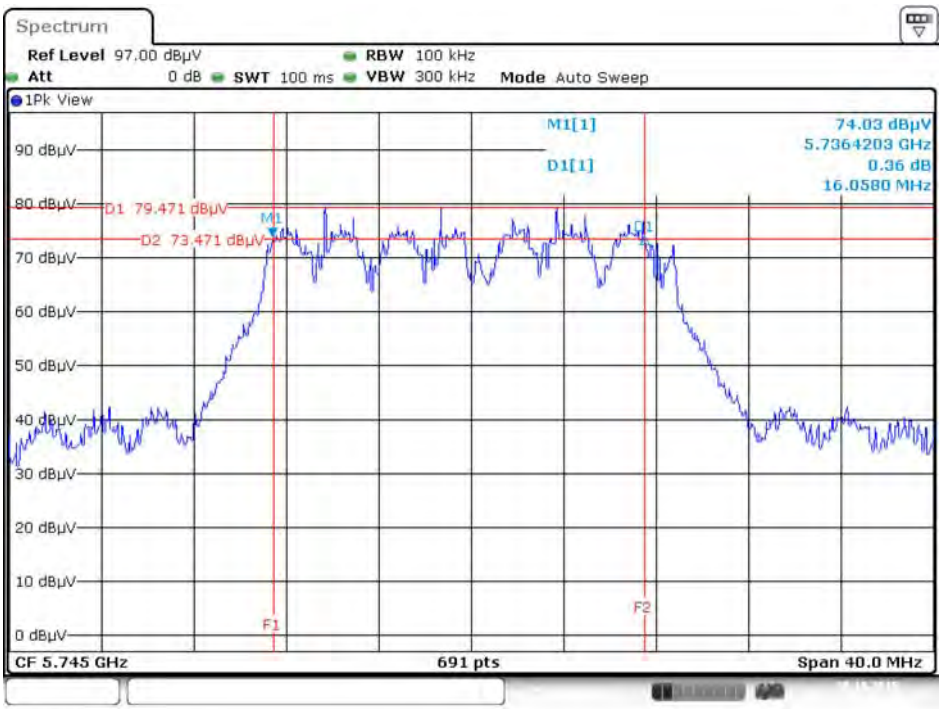
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX)

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



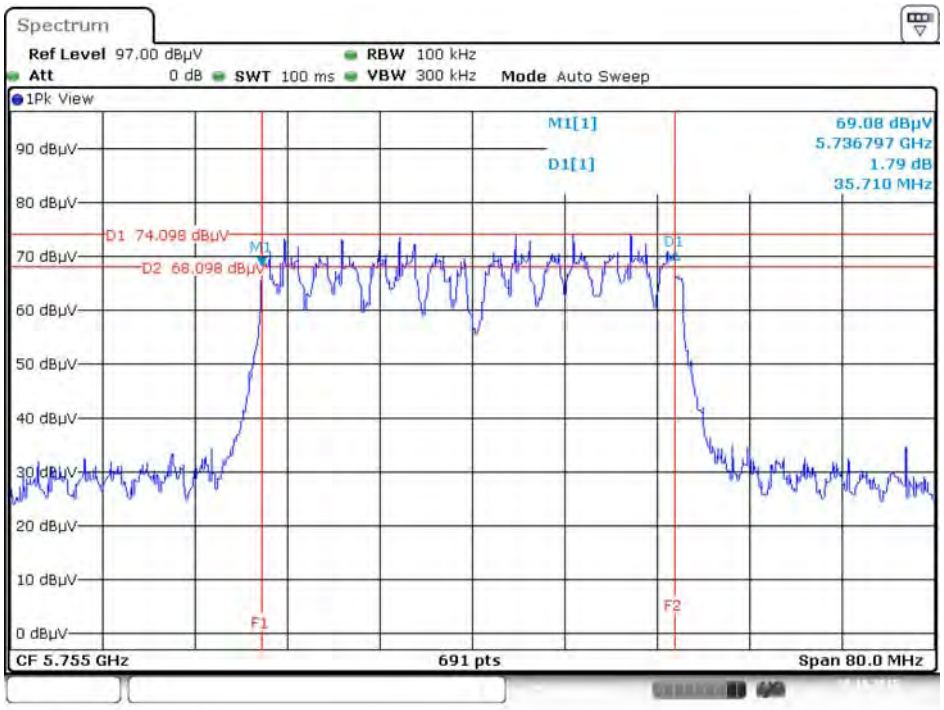
Date: 20.OCT.2015 22:26:49

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



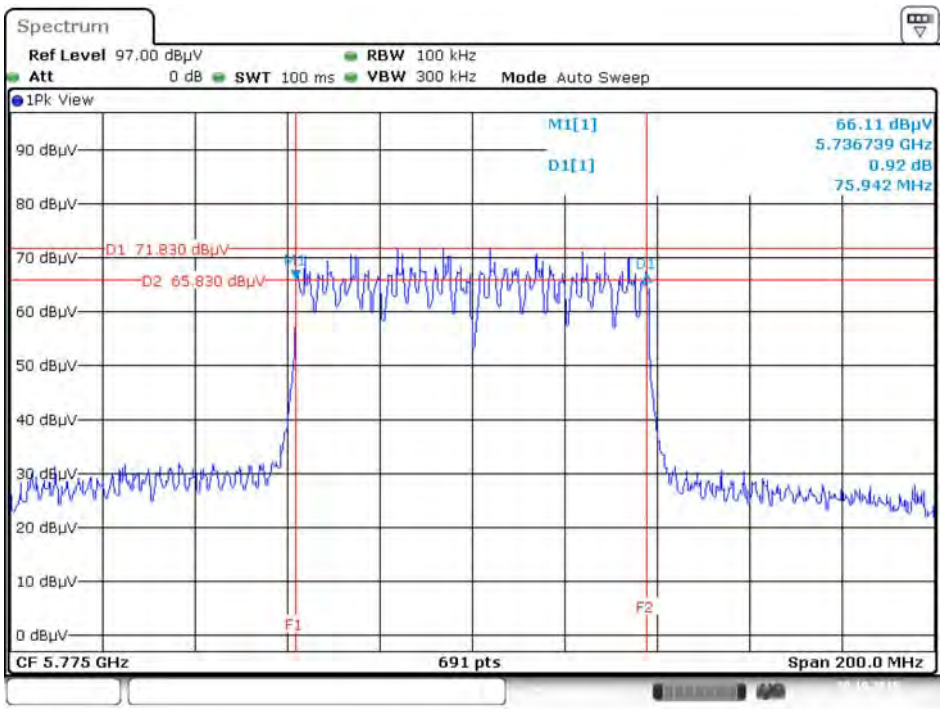
Date: 20.OCT.2015 22:29:49

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



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

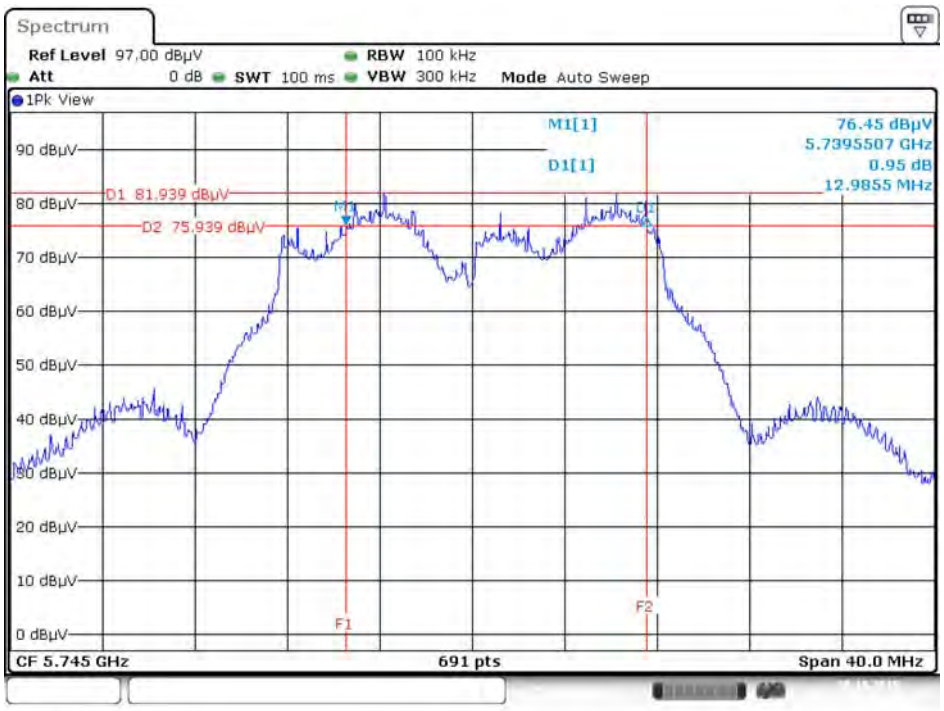
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz



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

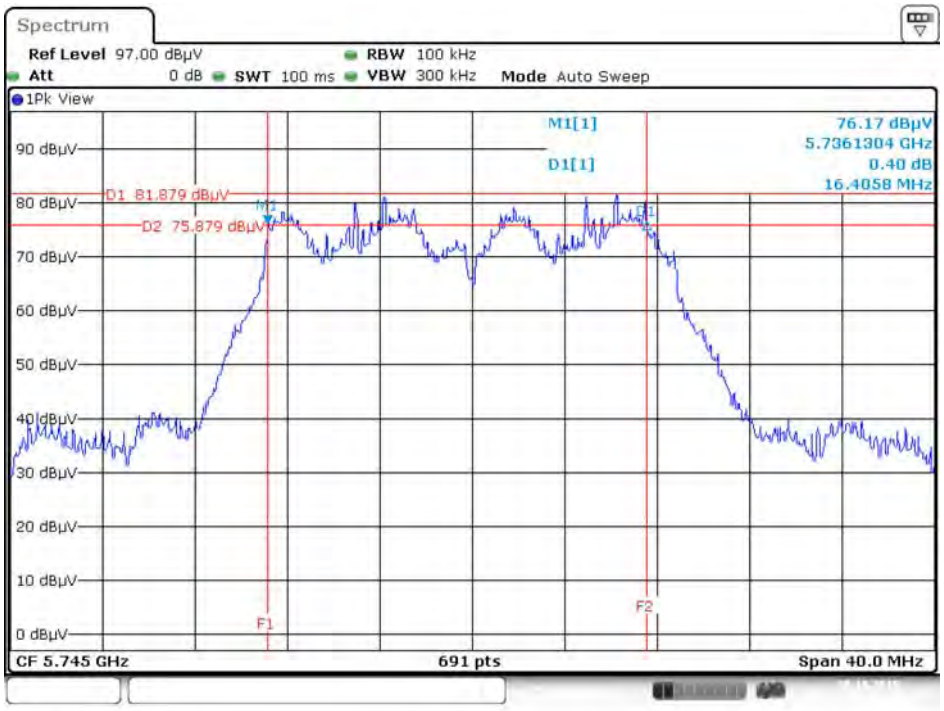
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX)

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



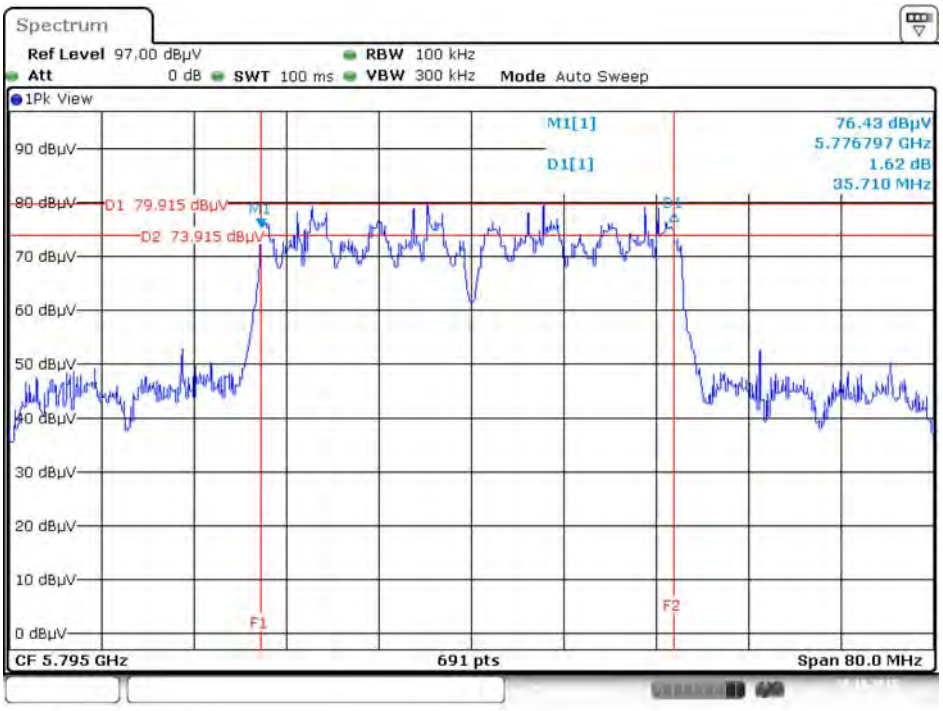
Date: 20.OCT.2015 22:41:03

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



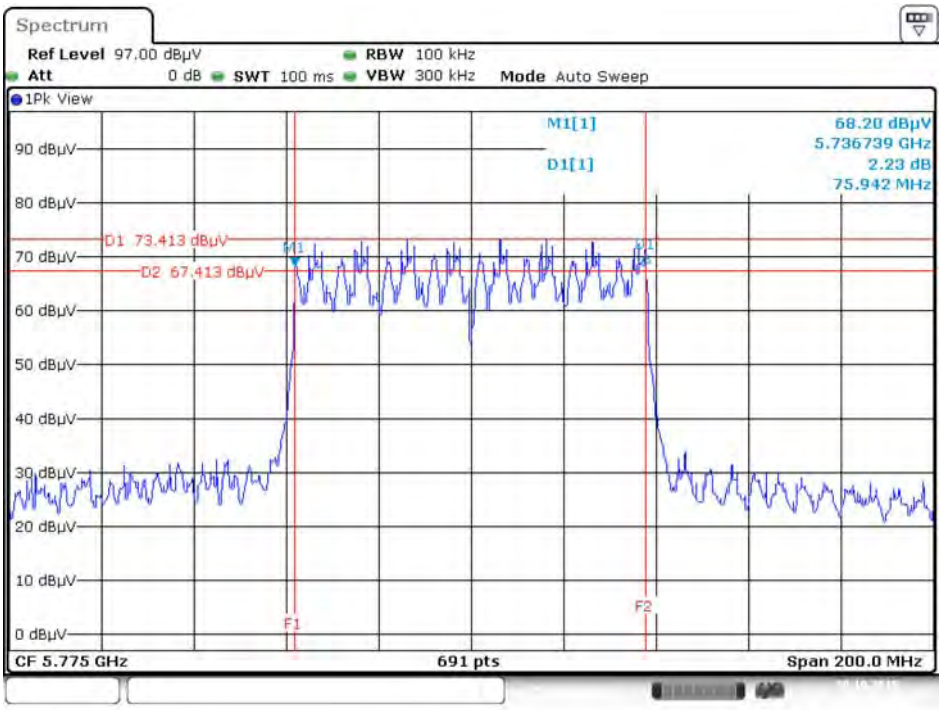
Date: 20.OCT.2015 22:43:50

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

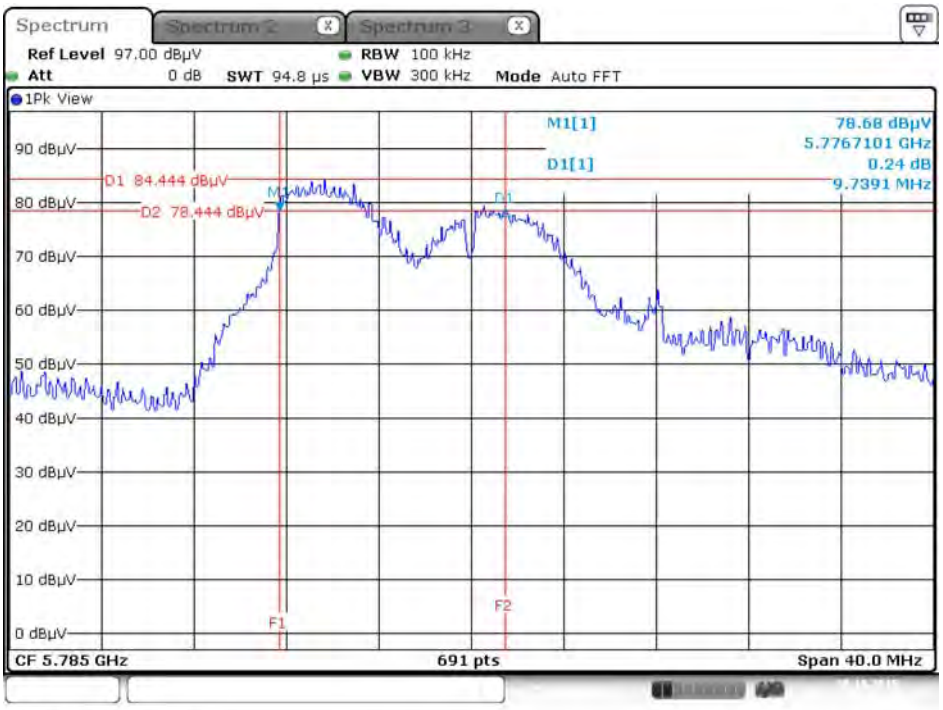
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz



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

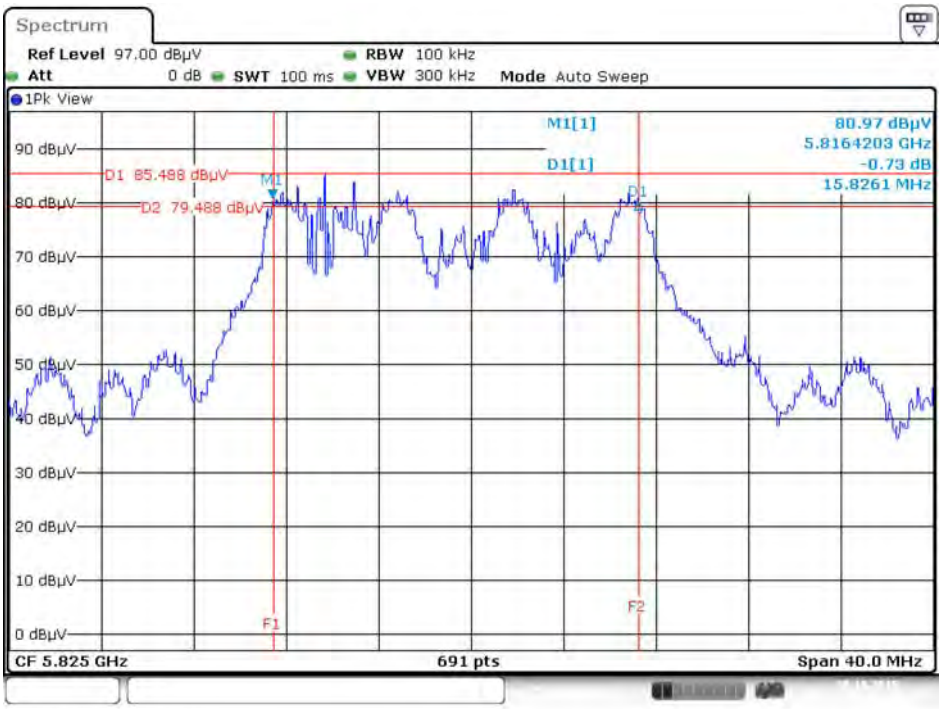
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX)

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



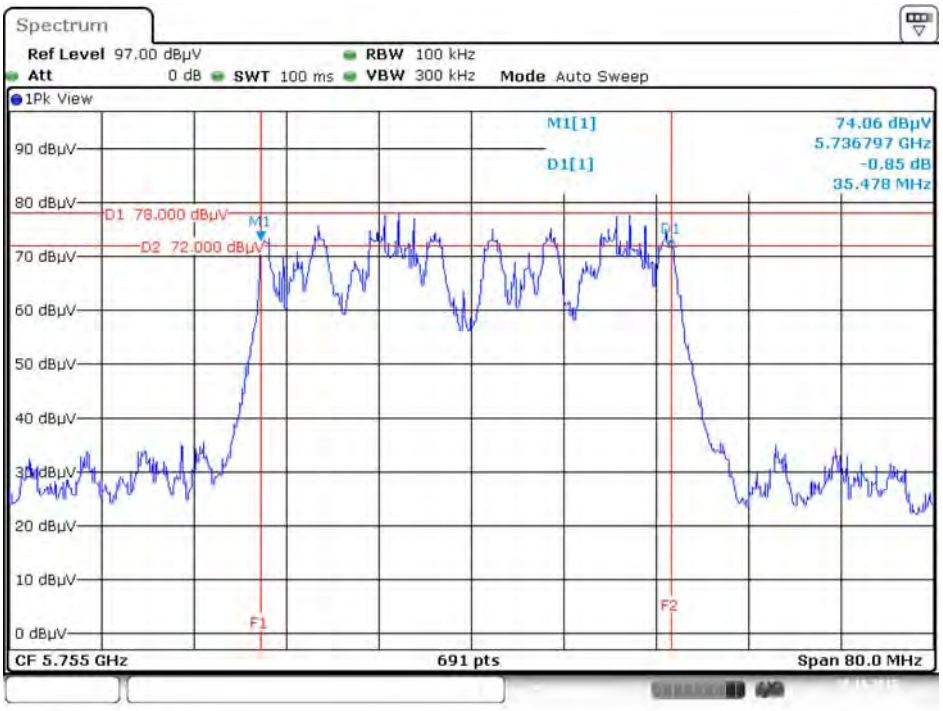
Date: 20.OCT.2015 11:53:43

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



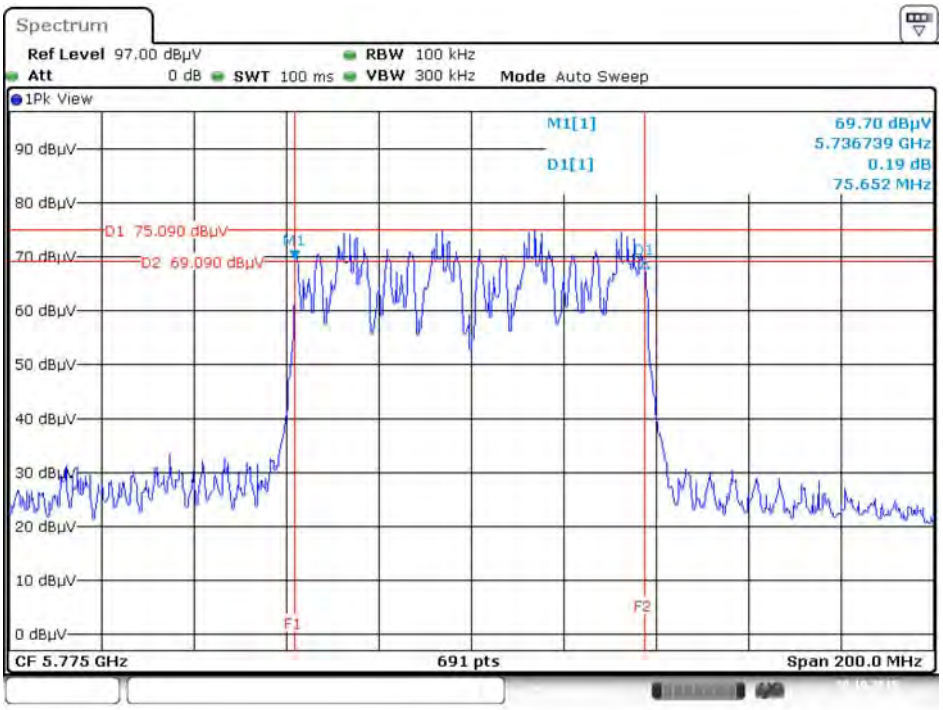
Date: 20.OCT.2015 22:59:54

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

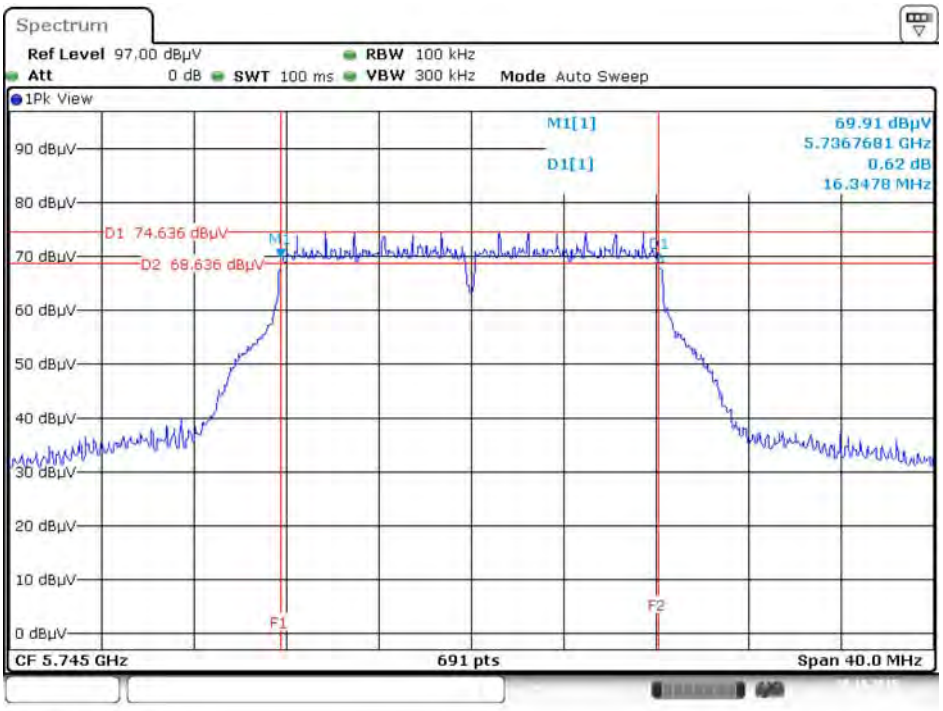


Date: 20.OCT.2015 23:06:26

For indoor use

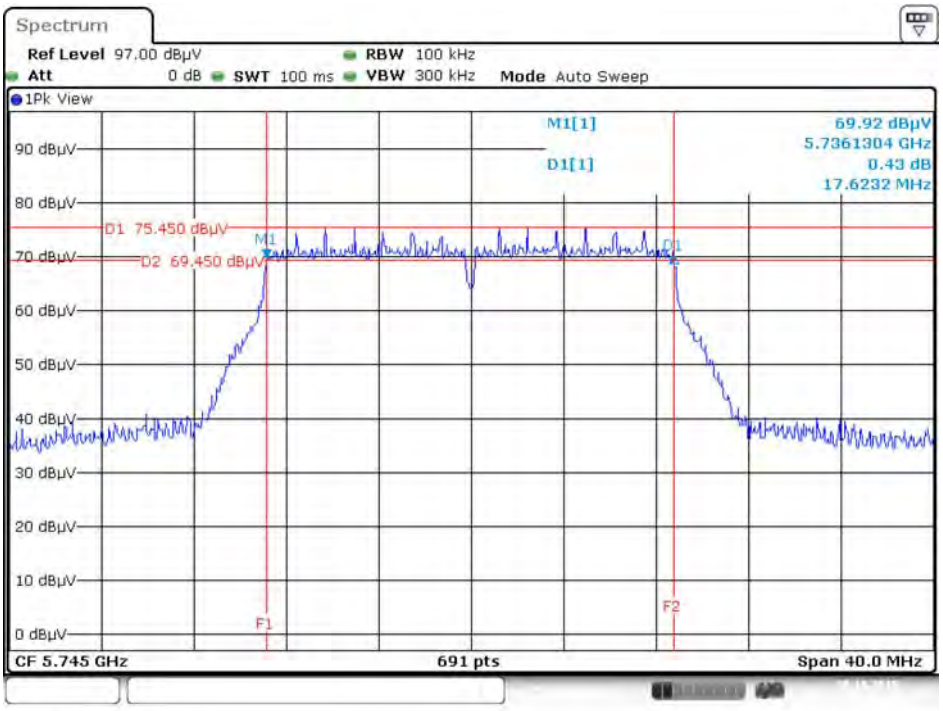
Mode 5 (Set 8 Patch antenna / 3.26dBi / 1TX)

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



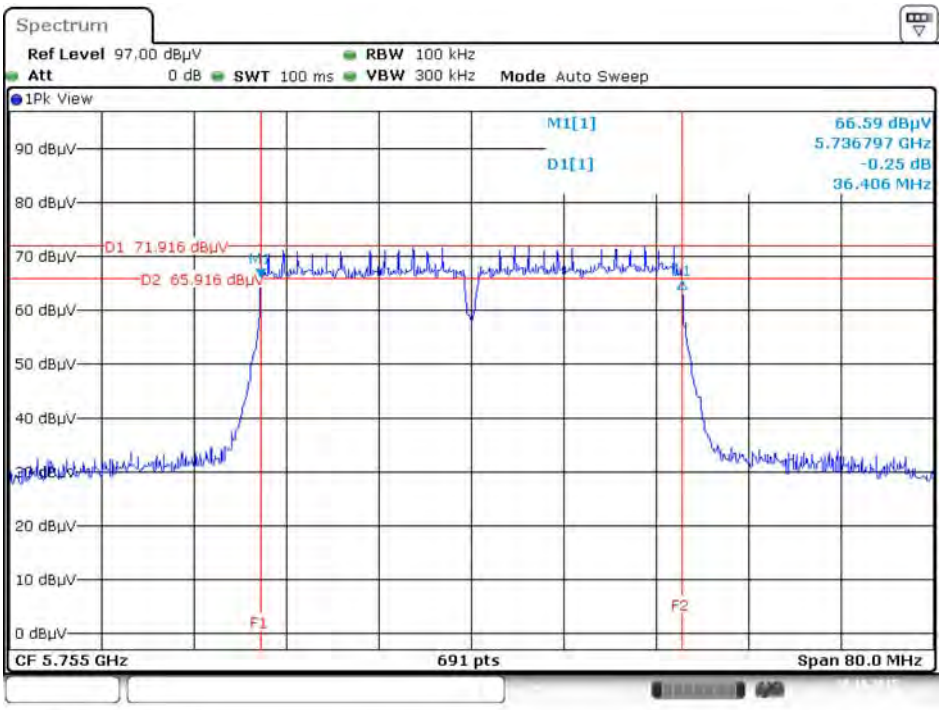
Date: 20.OCT.2015 19:29:36

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



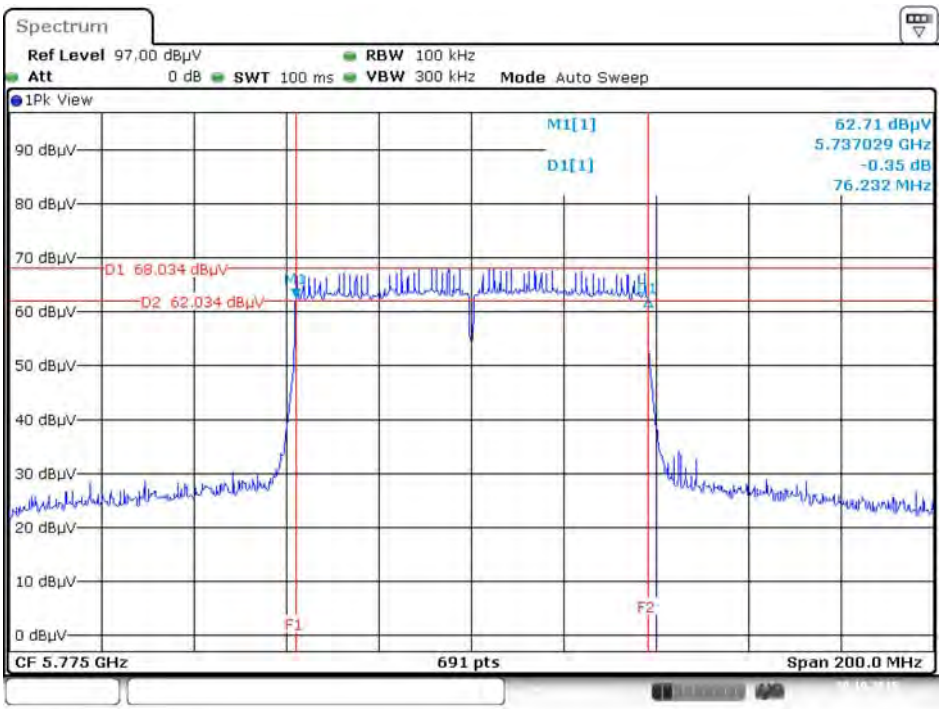
Date: 20.OCT.2015 19:32:32

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



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

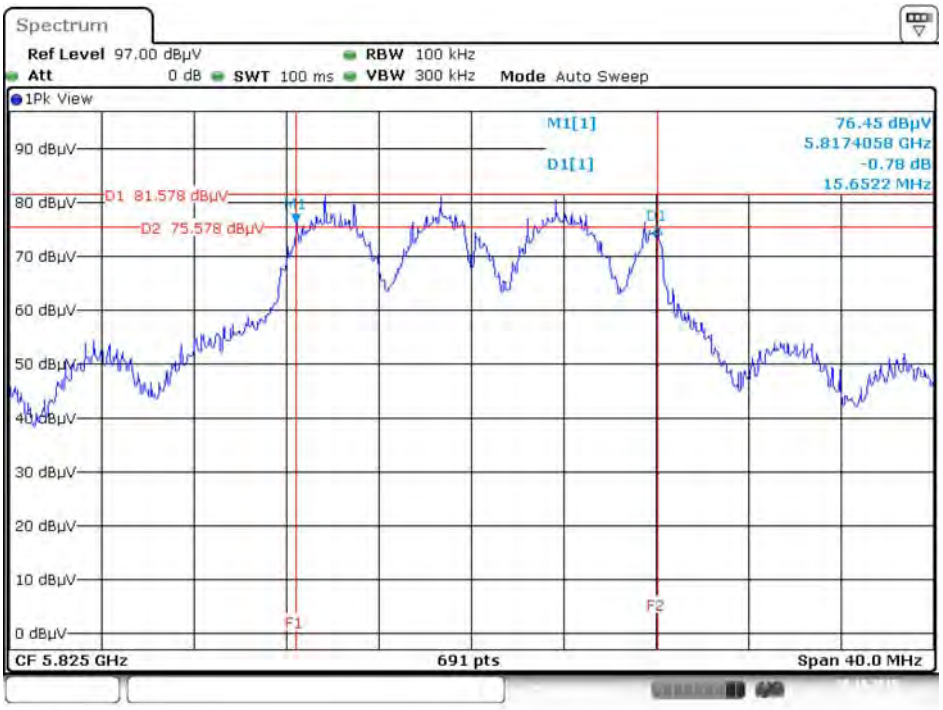
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz



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

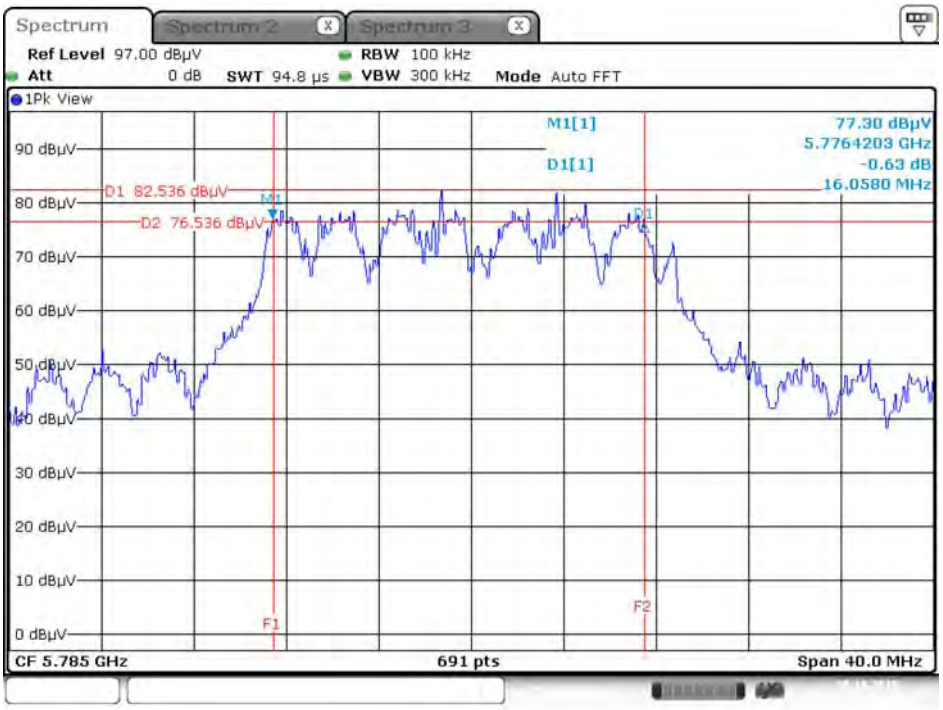
Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX)

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



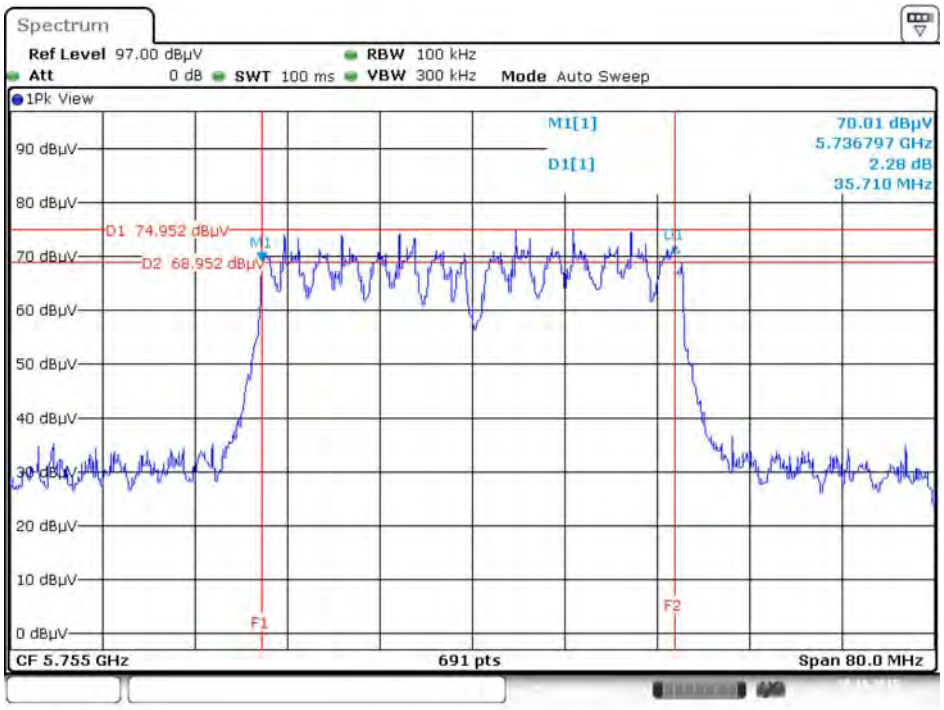
Date: 20.OCT.2015 22:26:49

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



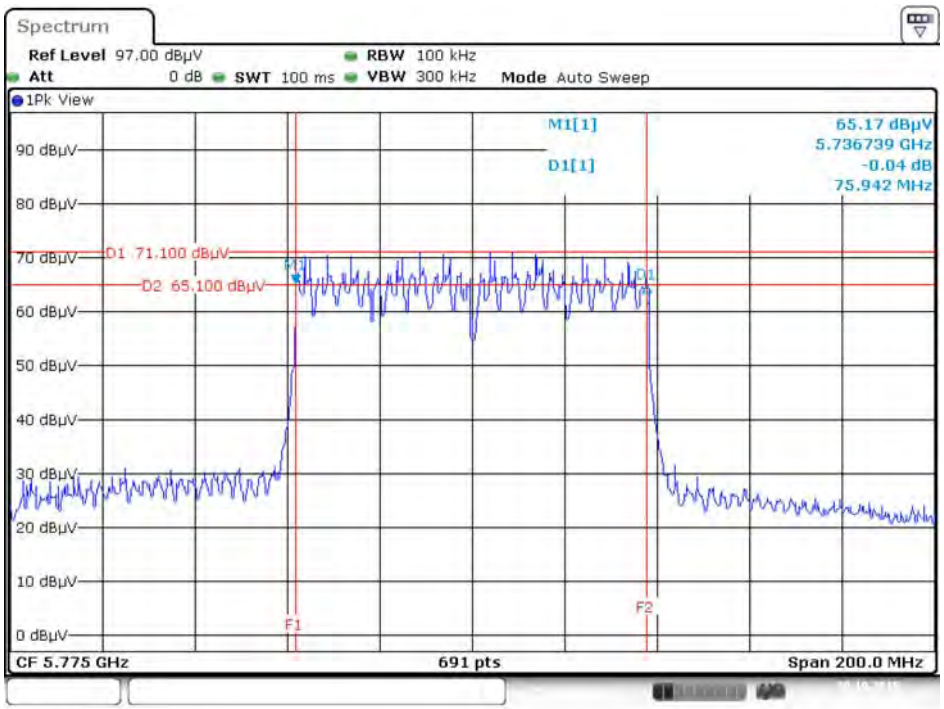
Date: 20.OCT.2015 11:12:52

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

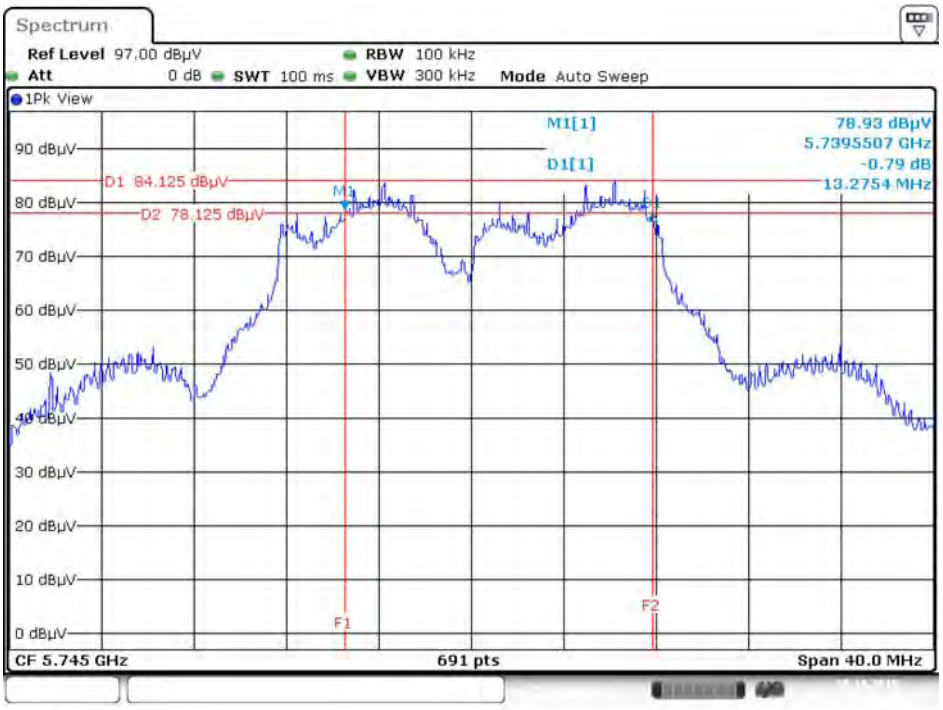
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz



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

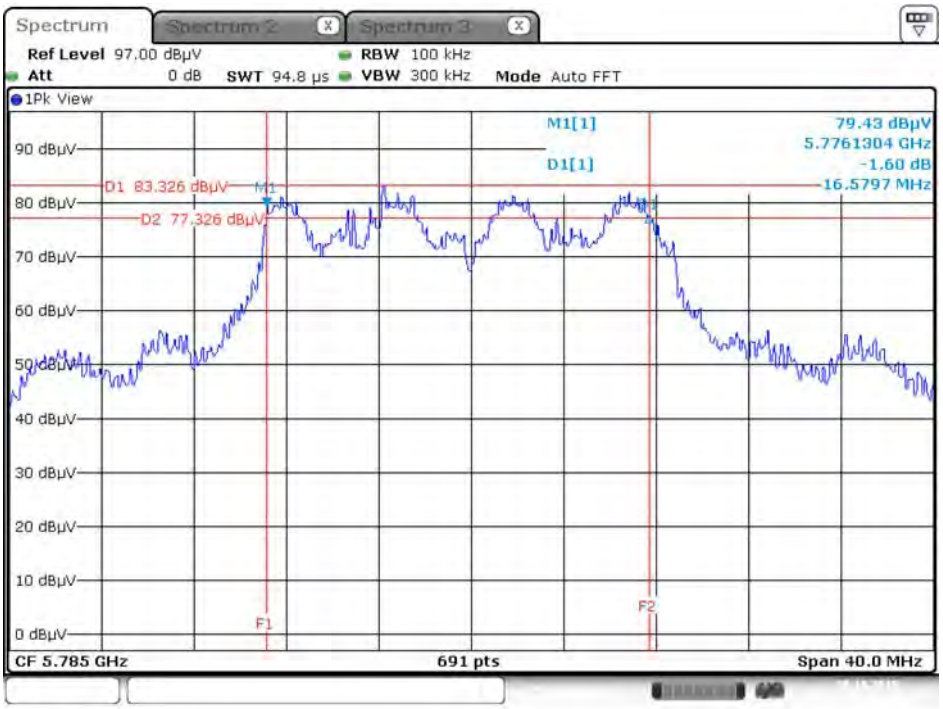
Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX)

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



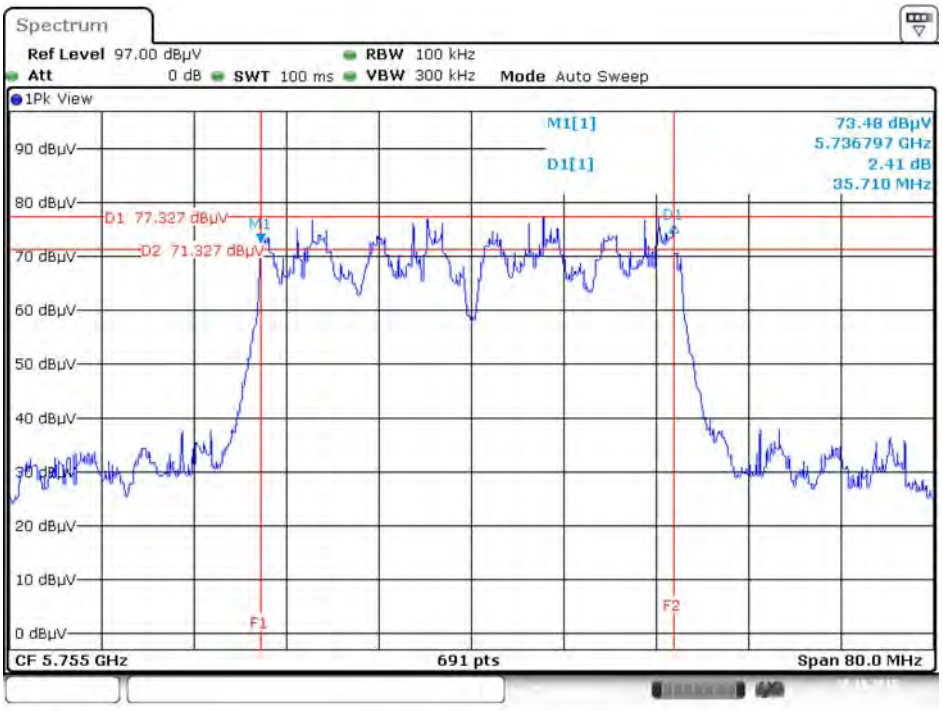
Date: 20.OCT.2015 20:12:08

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



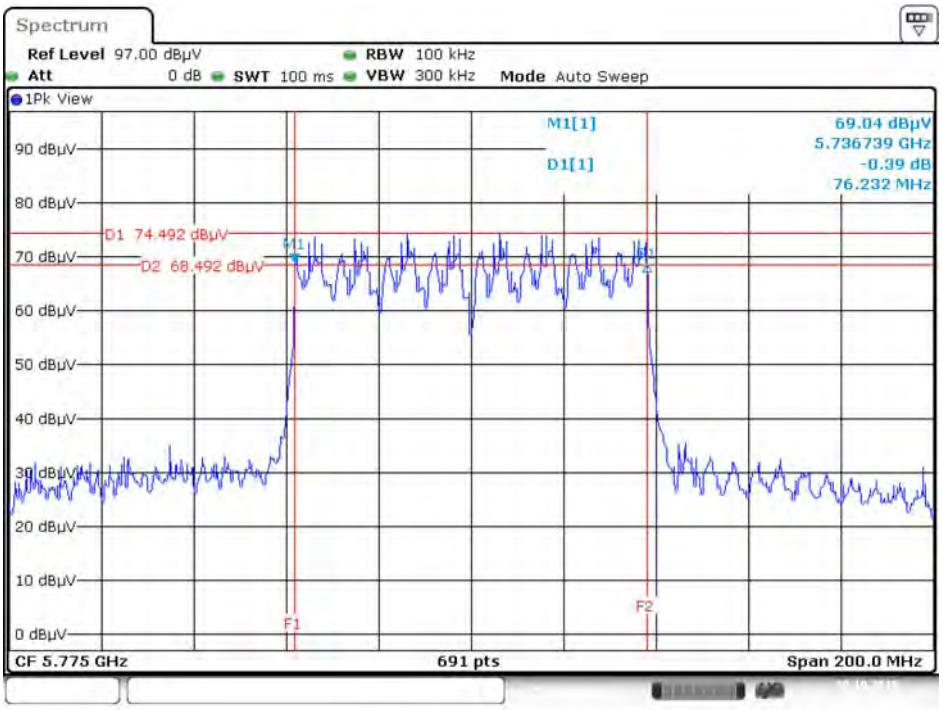
Date: 20.OCT.2015 11:30:20

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

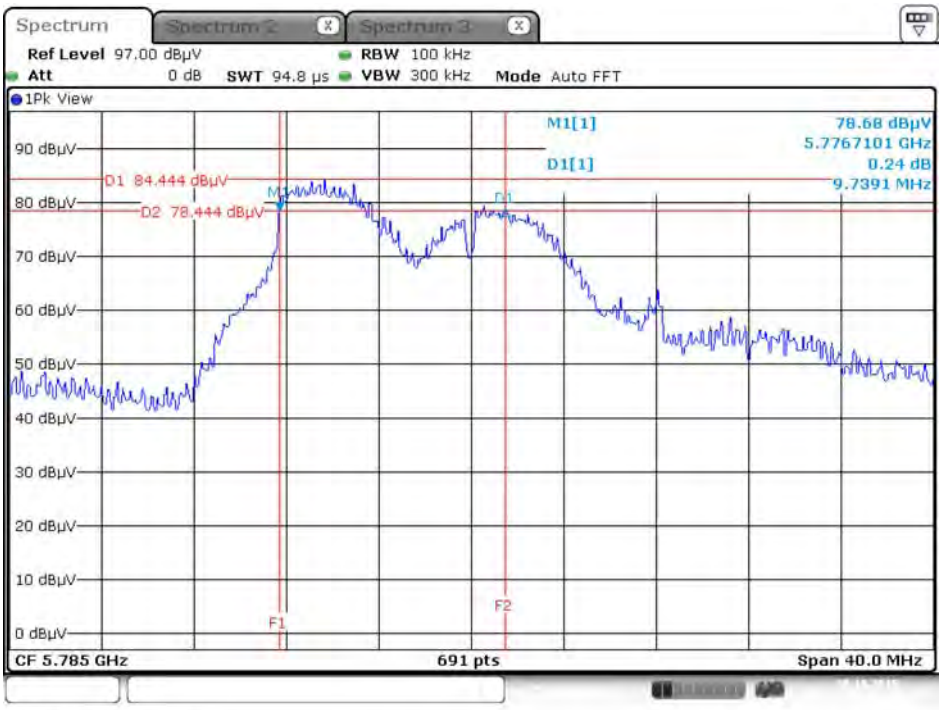
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz



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

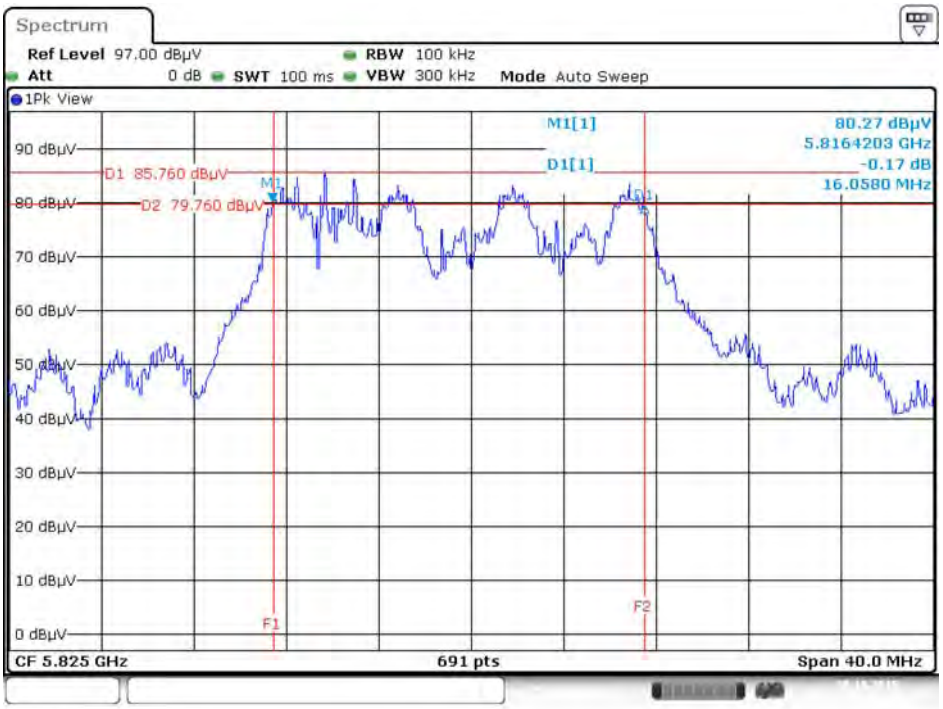
Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX)

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



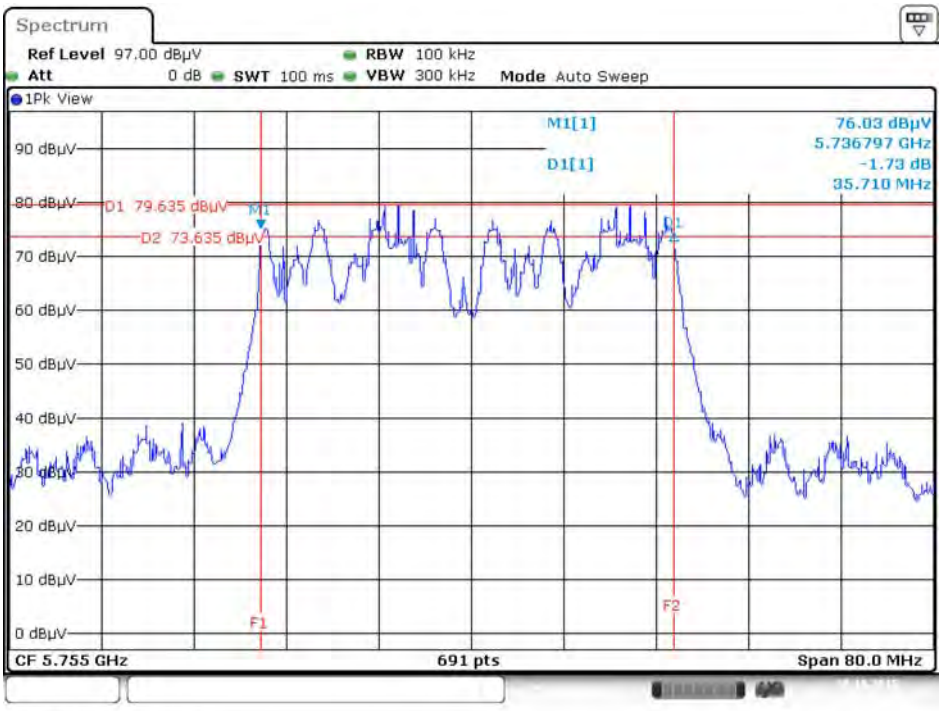
Date: 20.OCT.2015 11:53:43

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



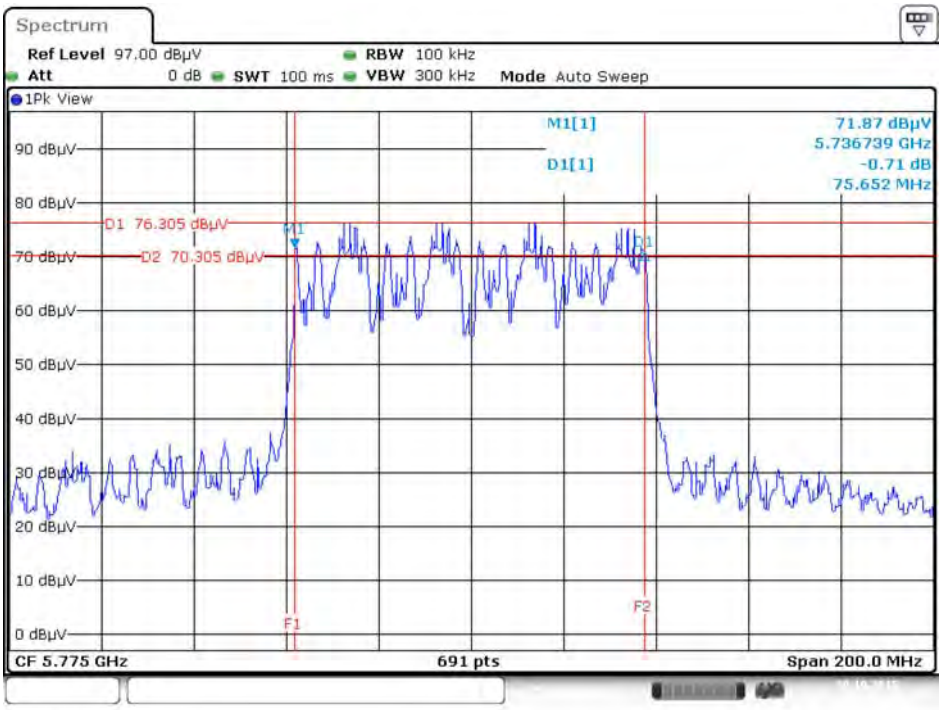
Date: 20.OCT.2015 21:05:53

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

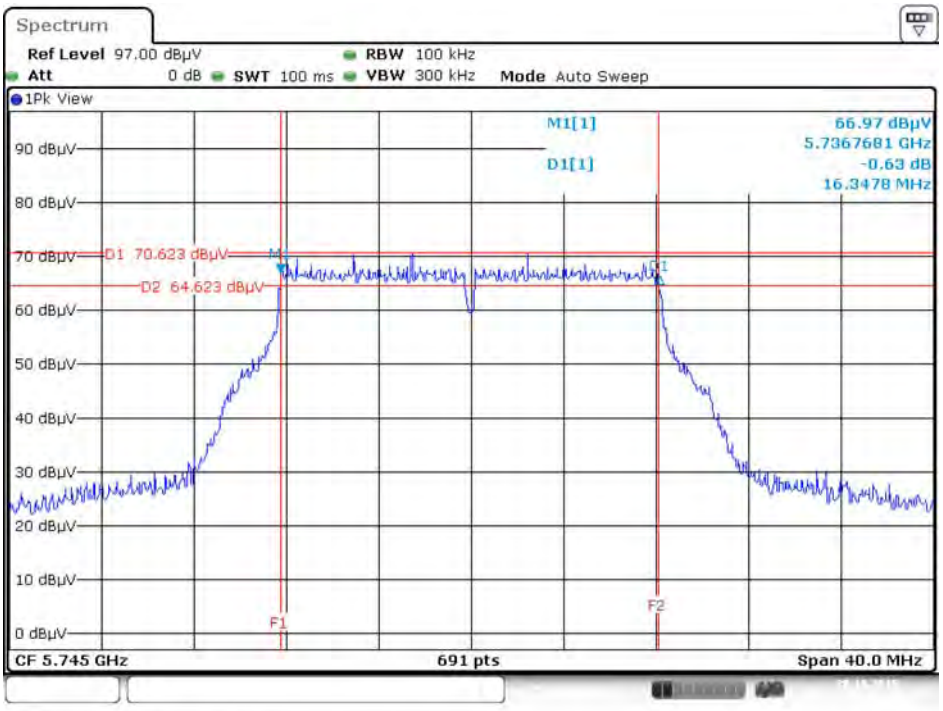


Date: 20.OCT.2015 21:14:07

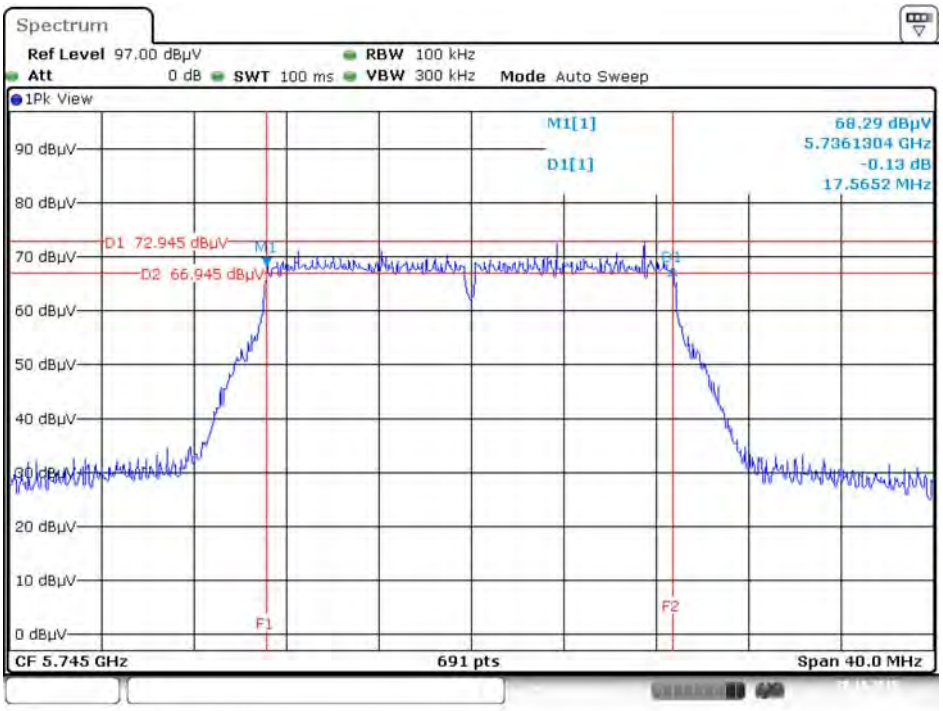
For indoor / outdoor use

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

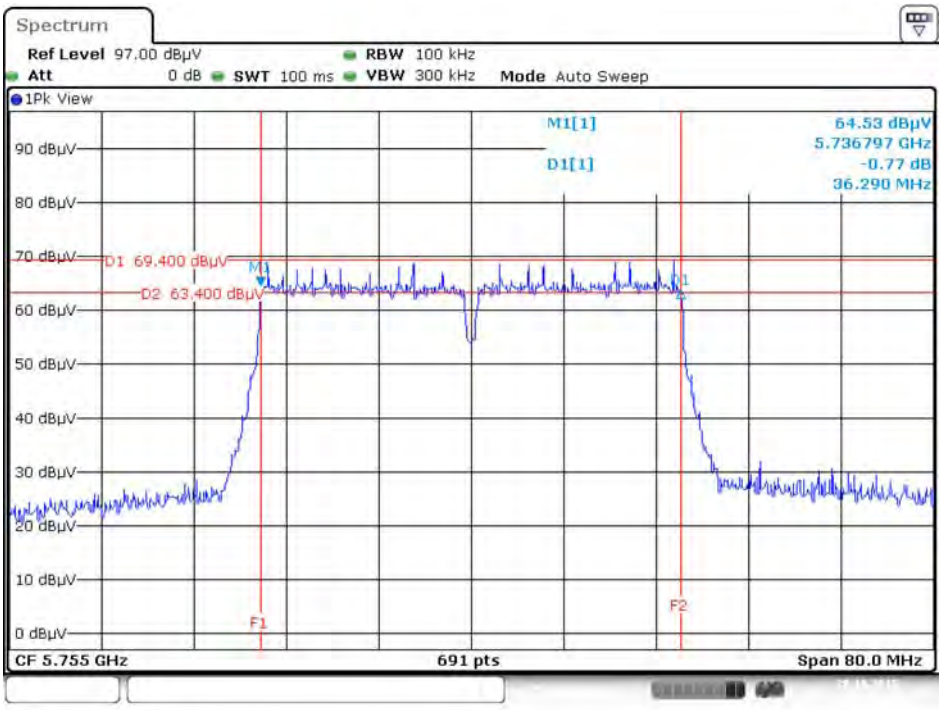
6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 / 5745 MHz



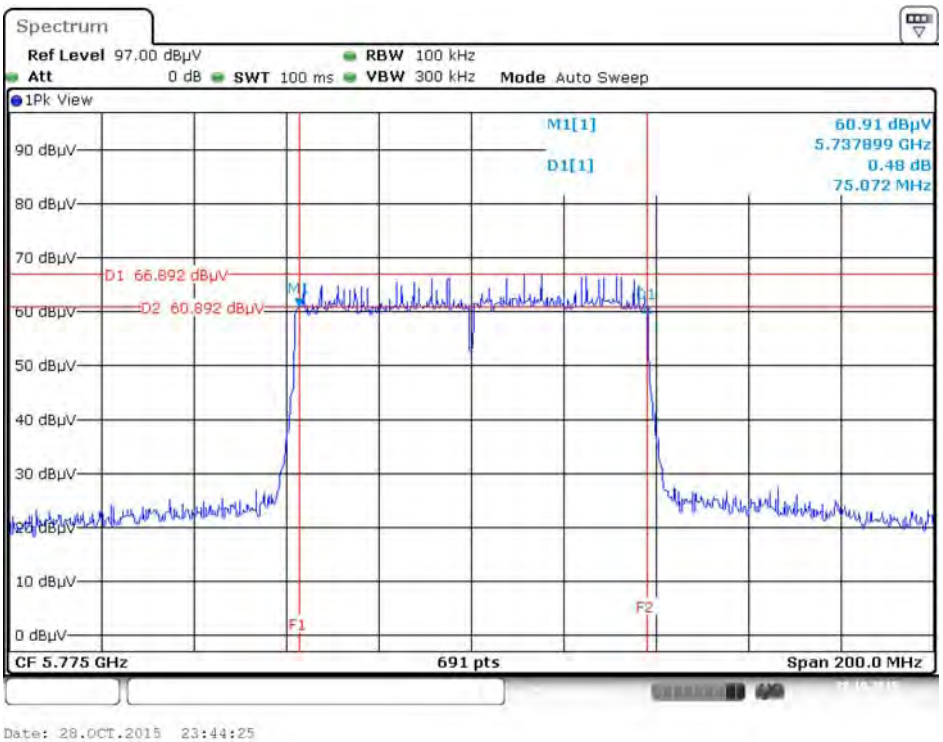
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5745 MHz



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

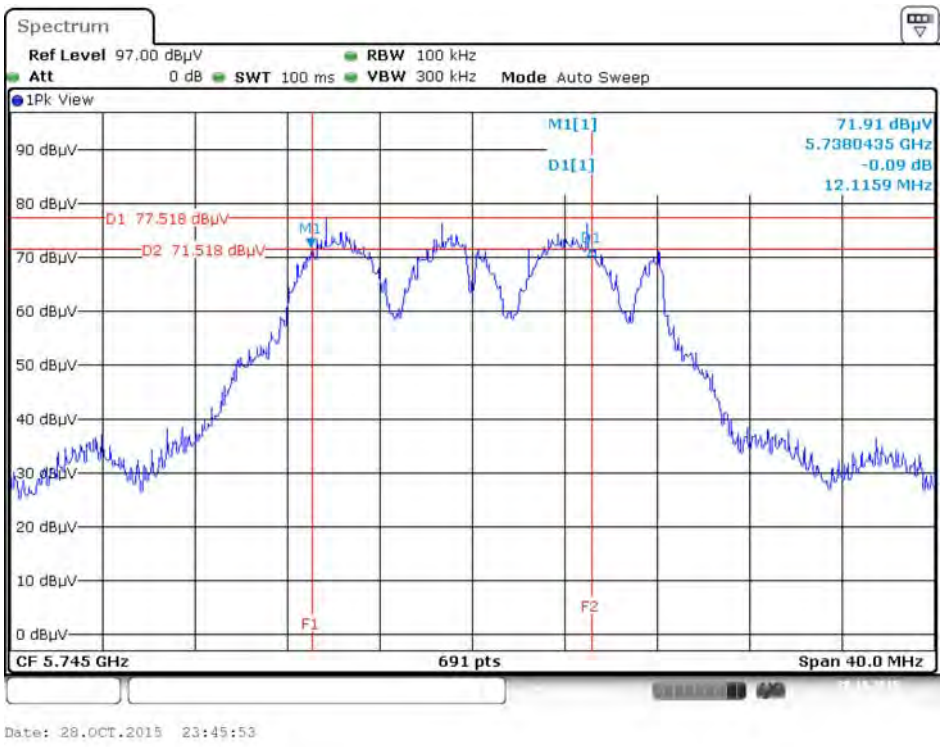


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz

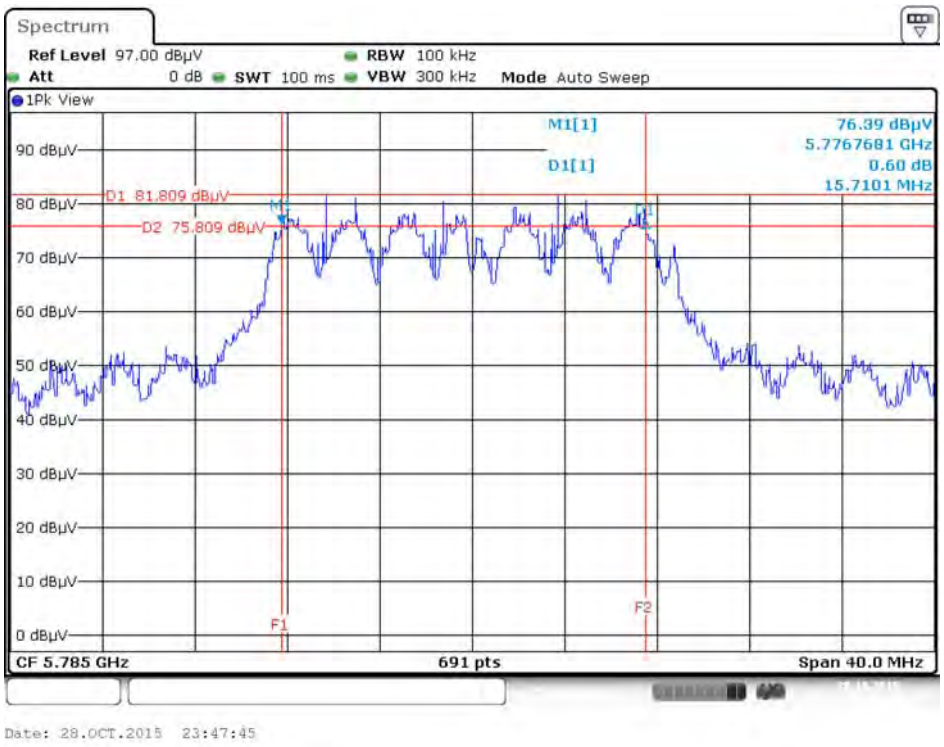


Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX)

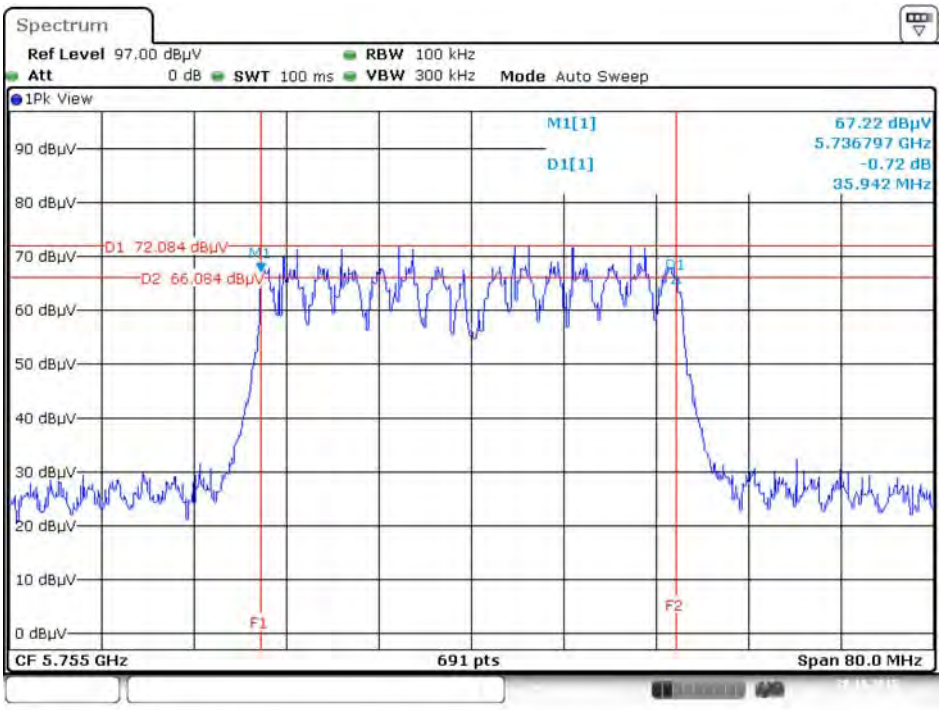
6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5745 MHz



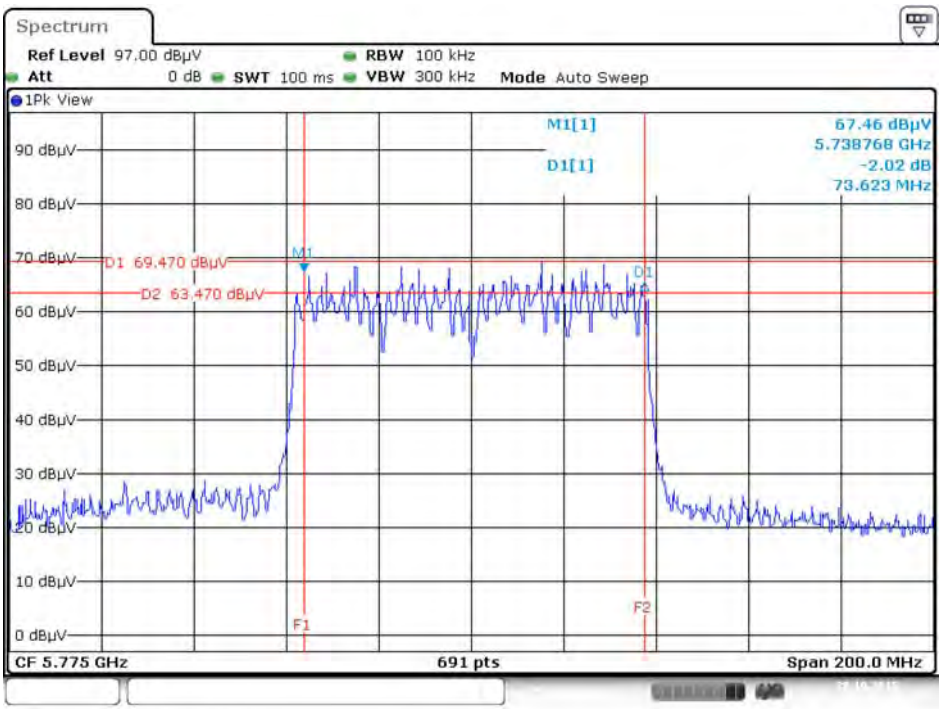
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



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

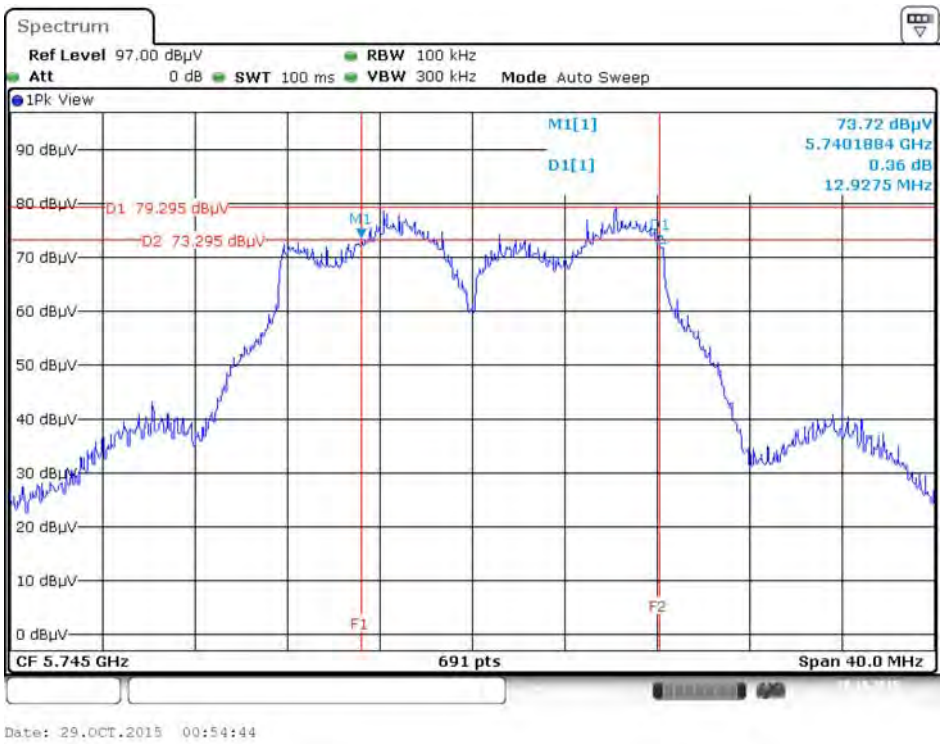


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

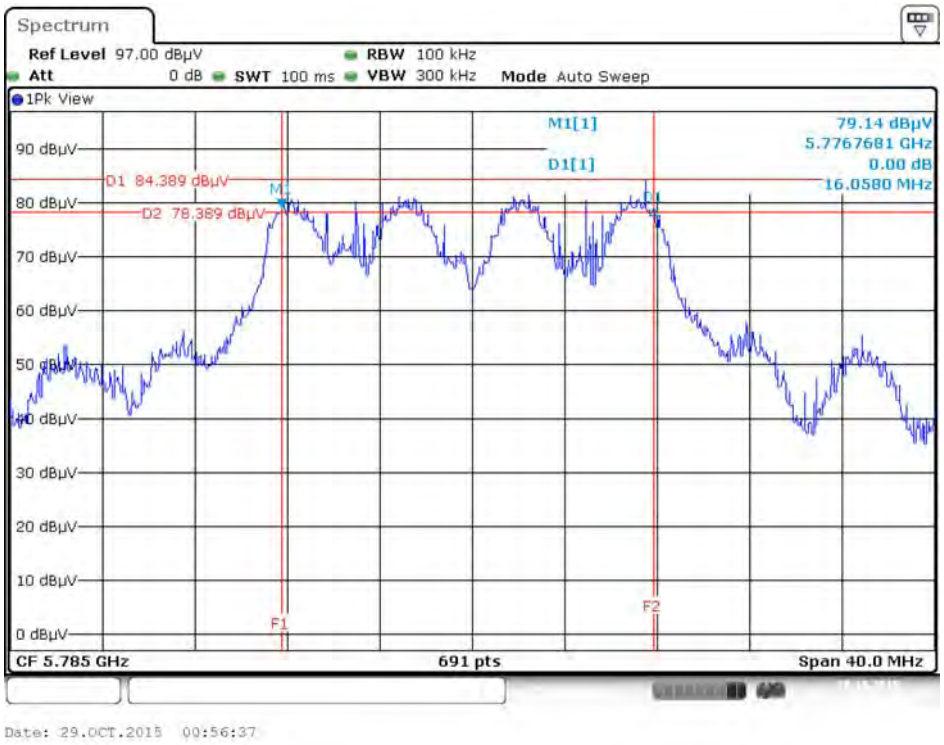


Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX)

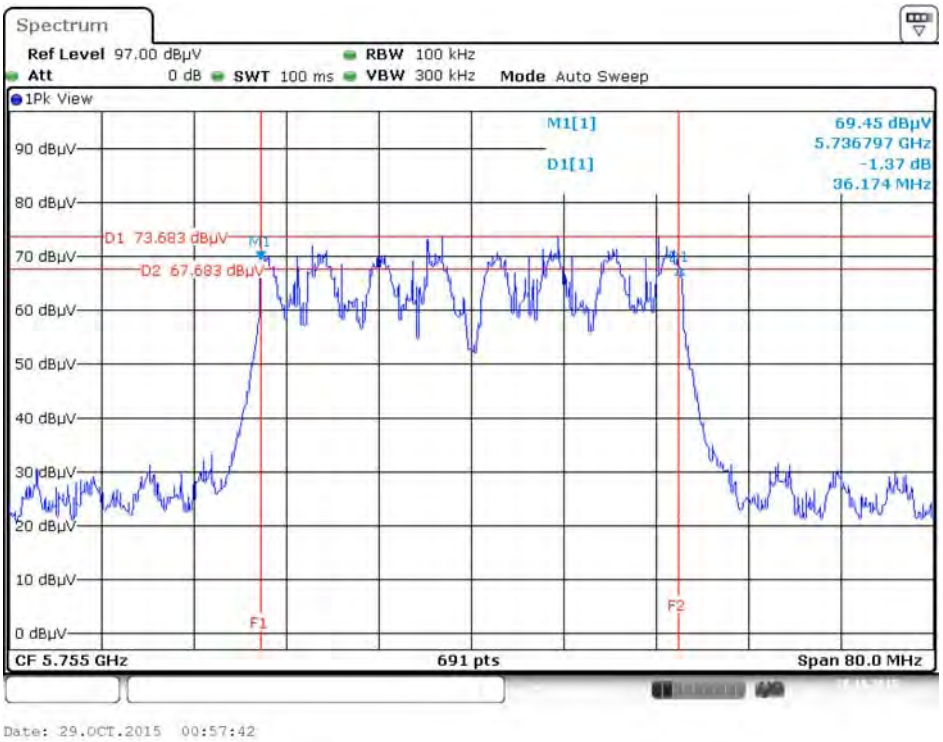
6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 / 5745 MHz



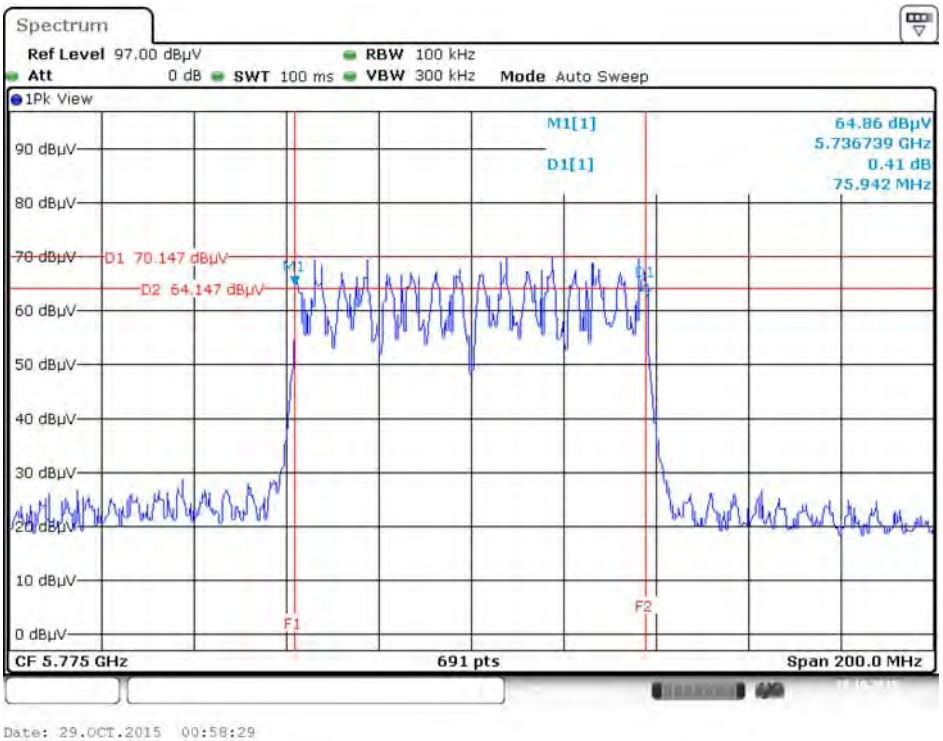
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5785 MHz



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

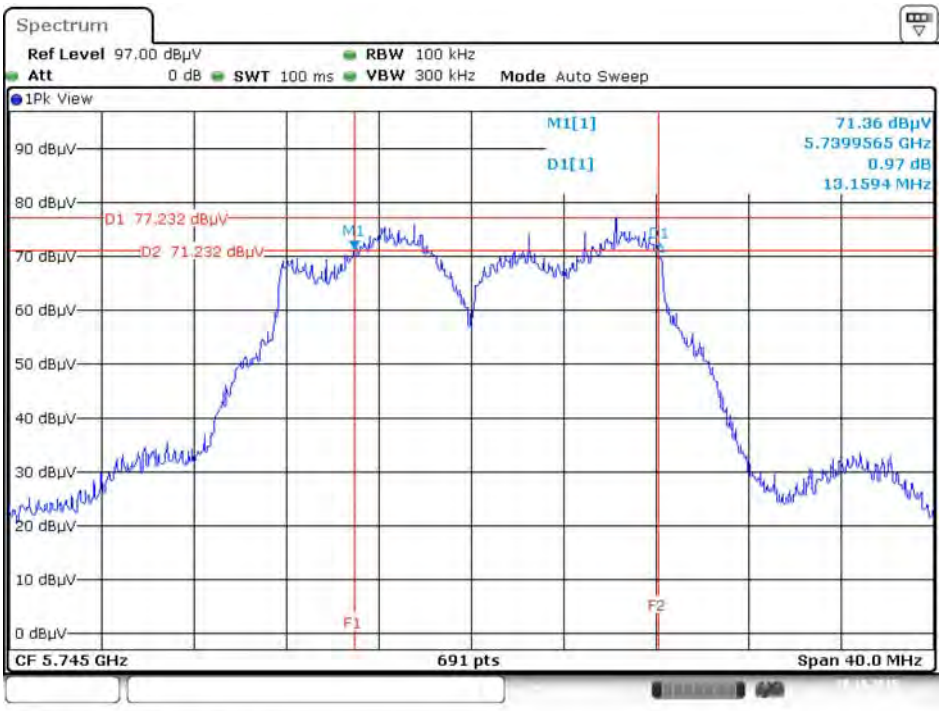


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 / 5775 MHz

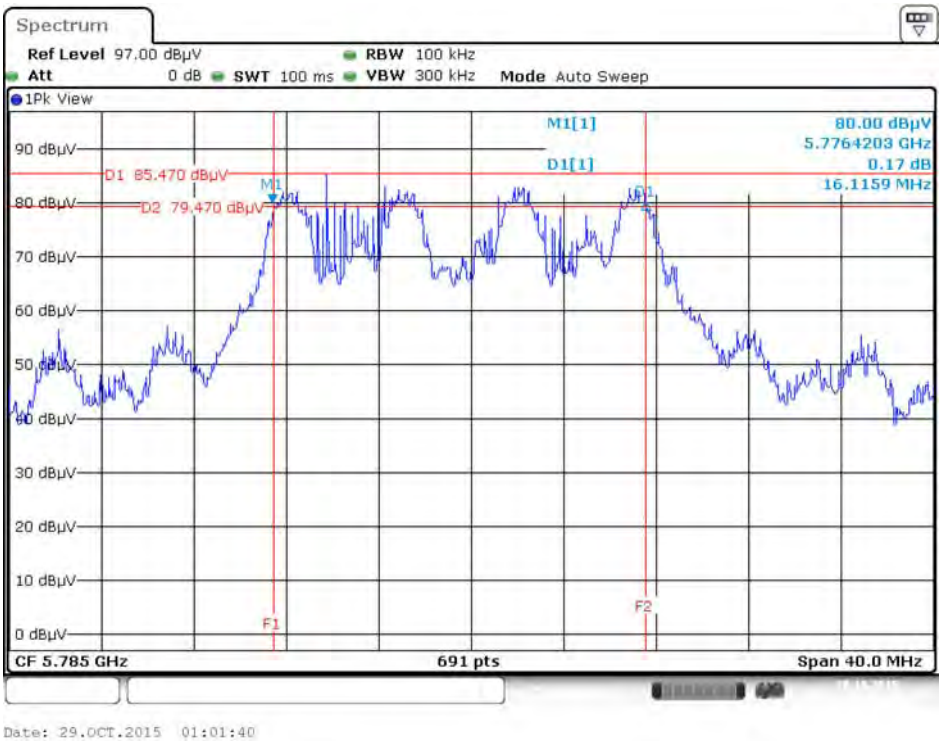


Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX)

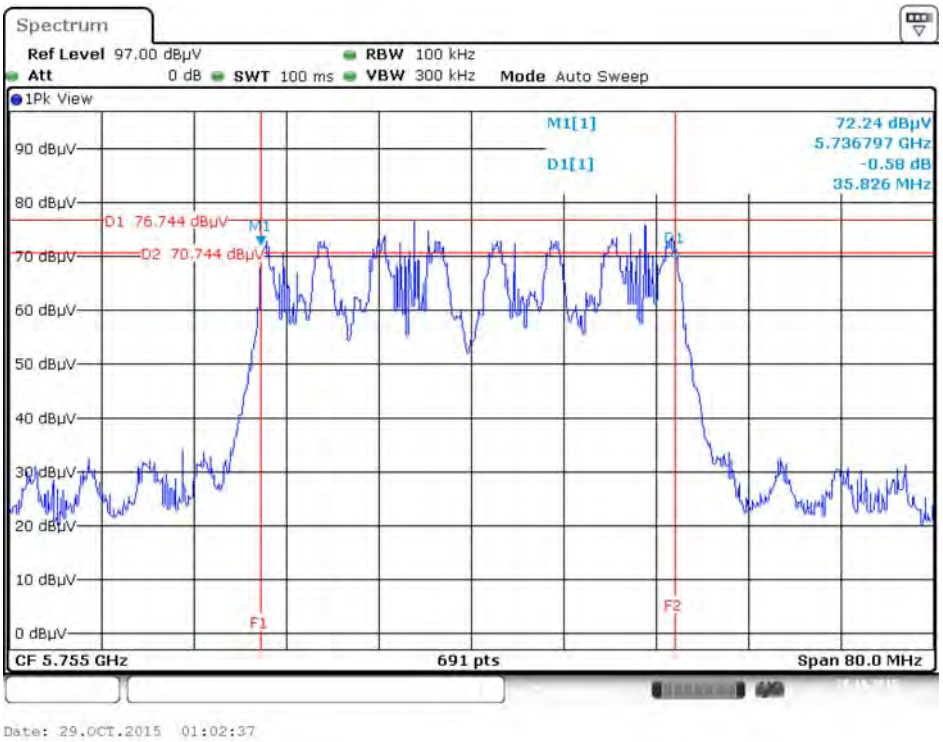
6 dB Bandwidth Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5745 MHz



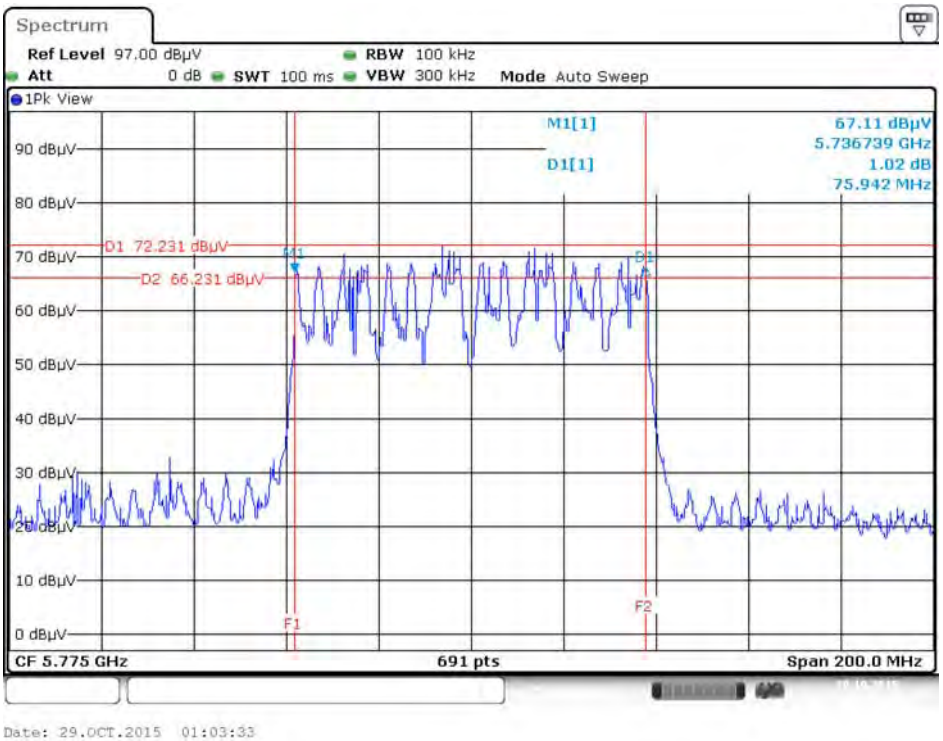
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5785 MHz



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

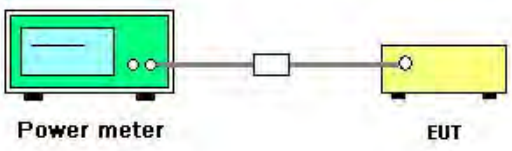
Please refer to section 5 of equipments list in this report. The following table is the setting of the power meter.

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.