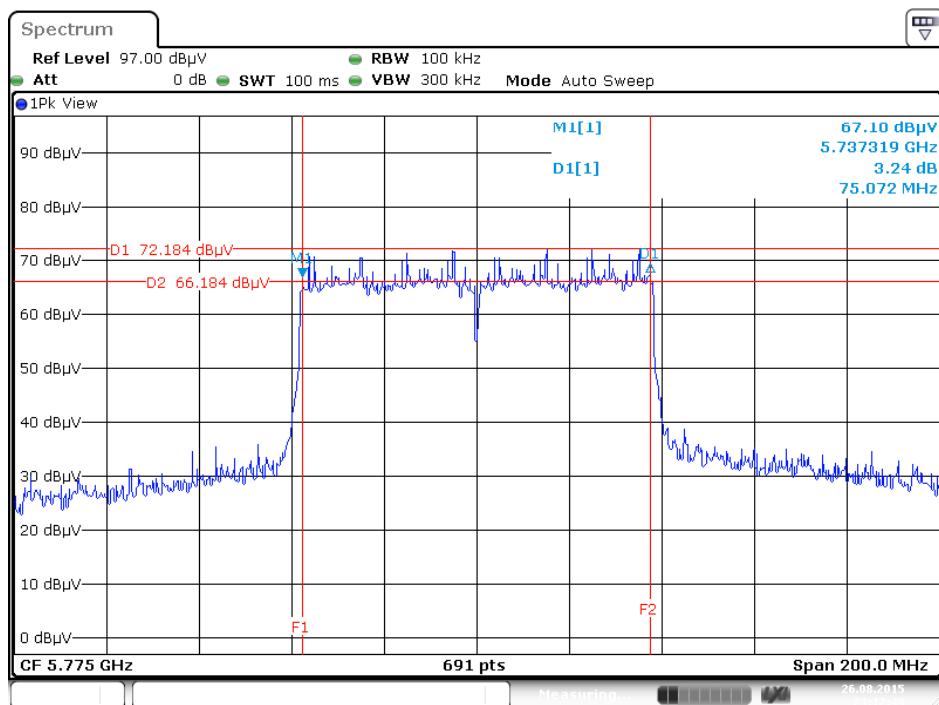
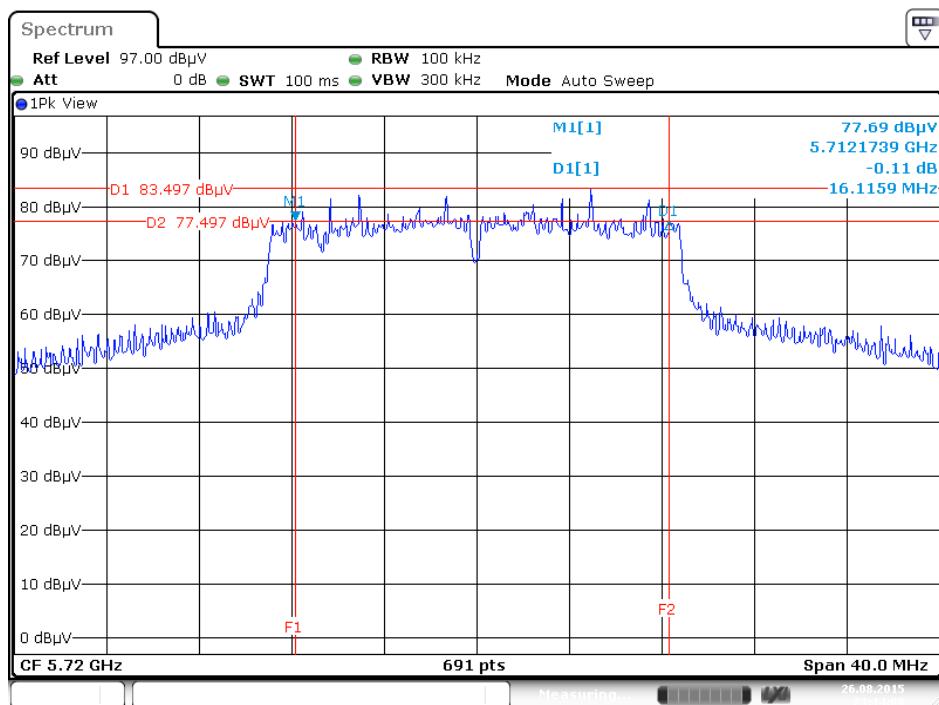


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

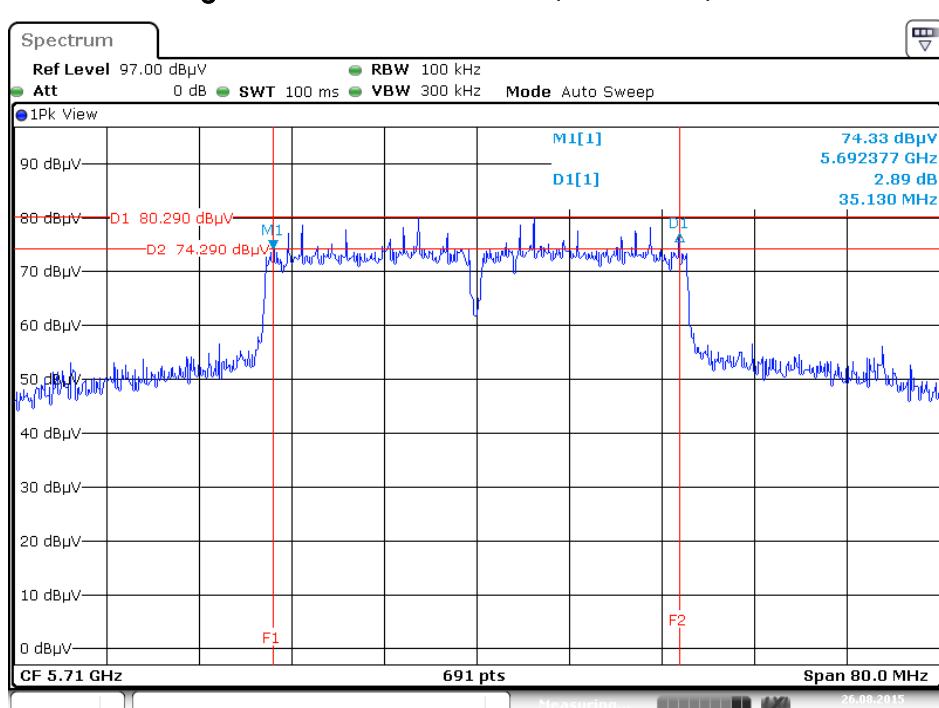


Straddle Channel

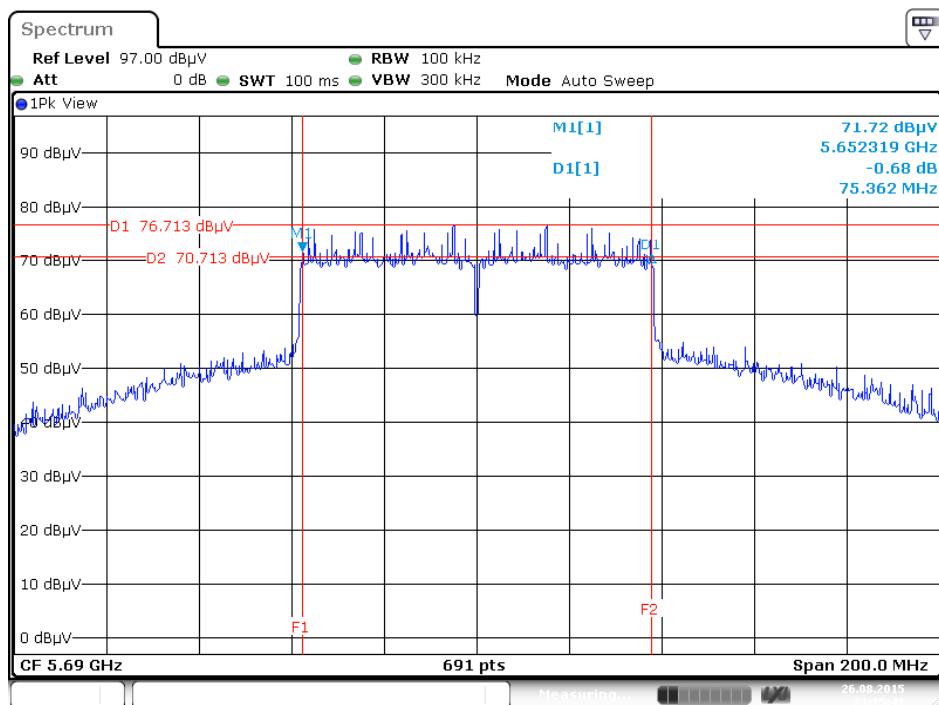
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz

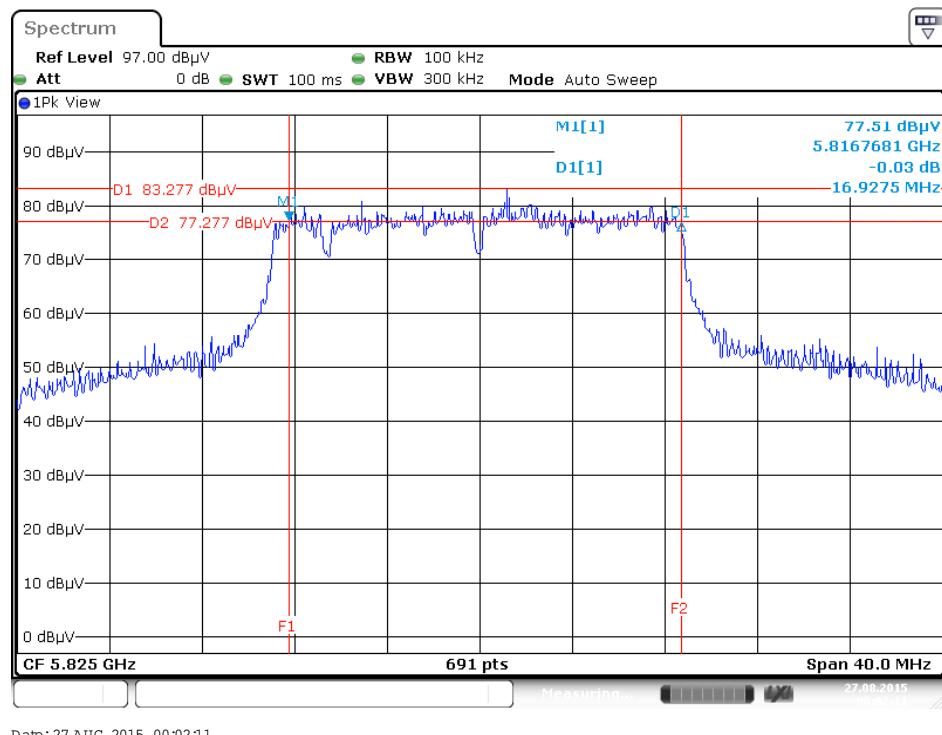
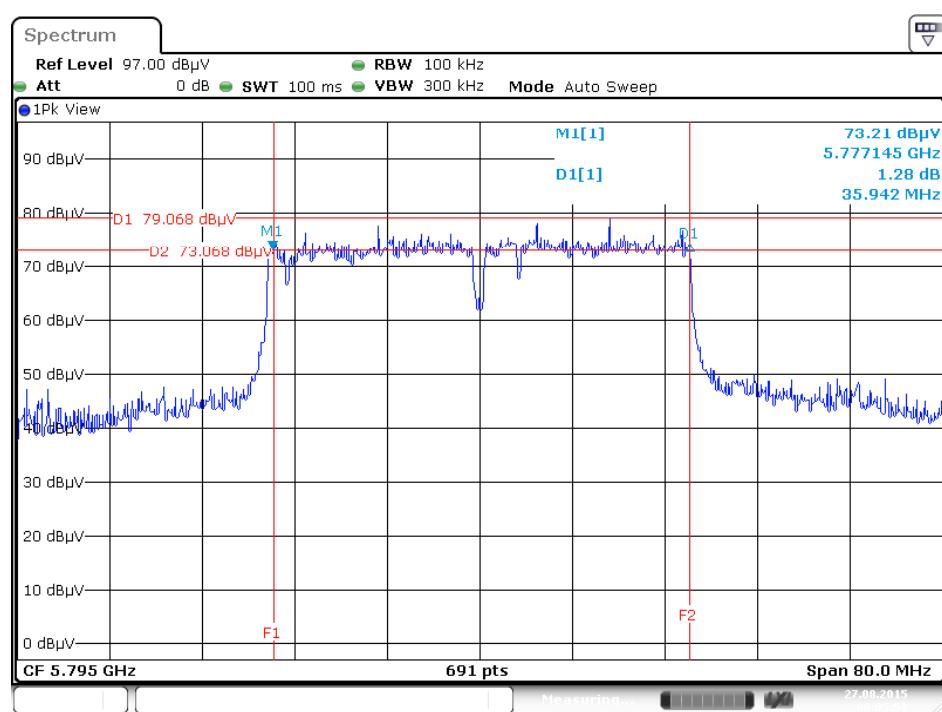


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz

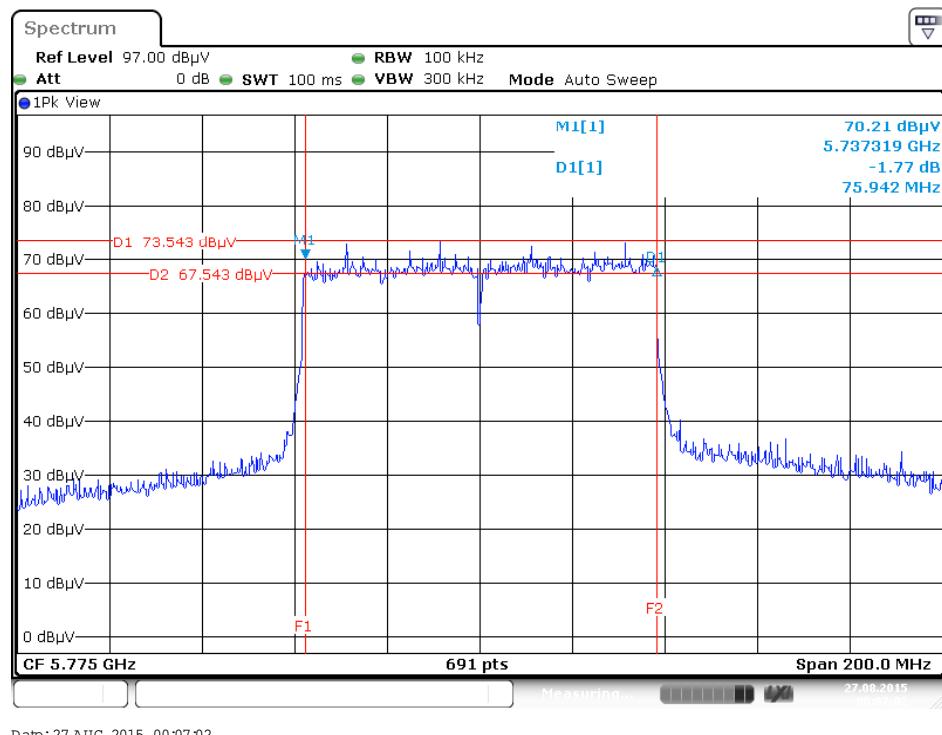


6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz



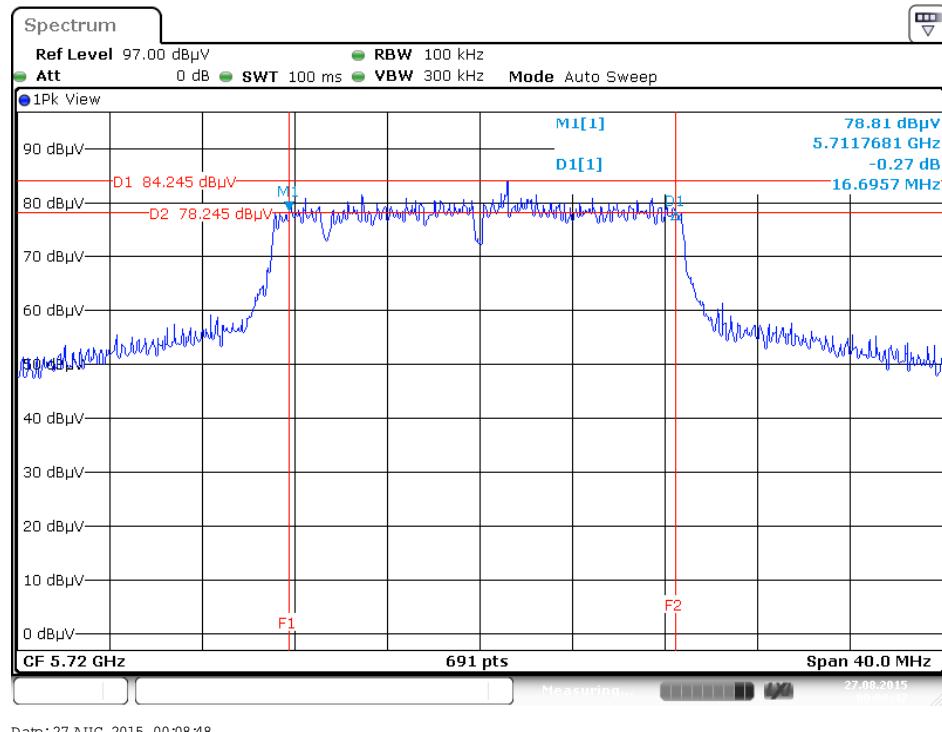
Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5825 MHz

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


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

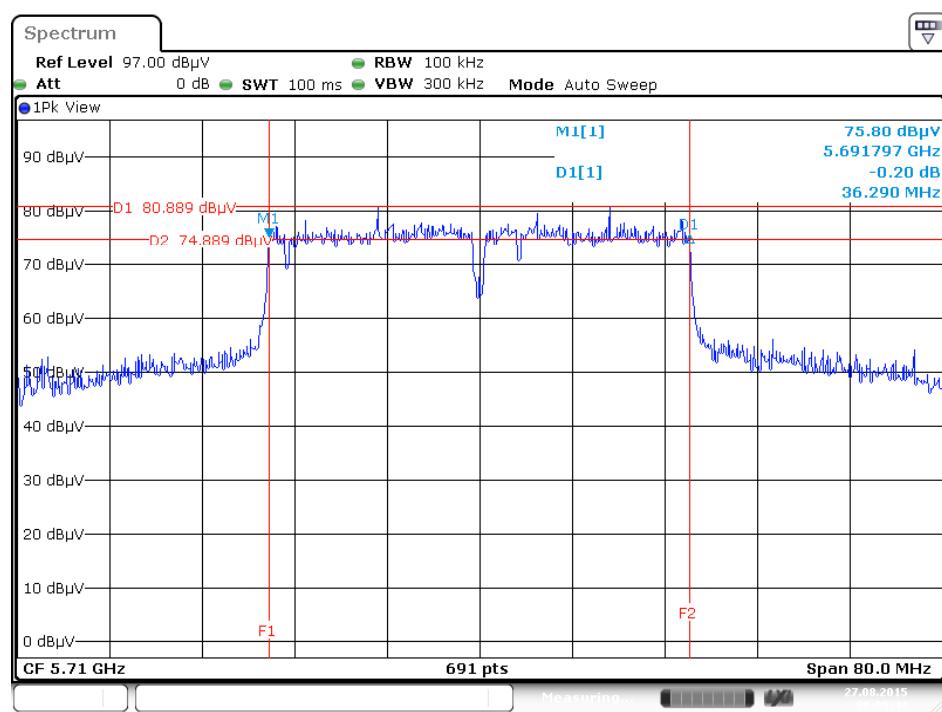


Straddle Channel

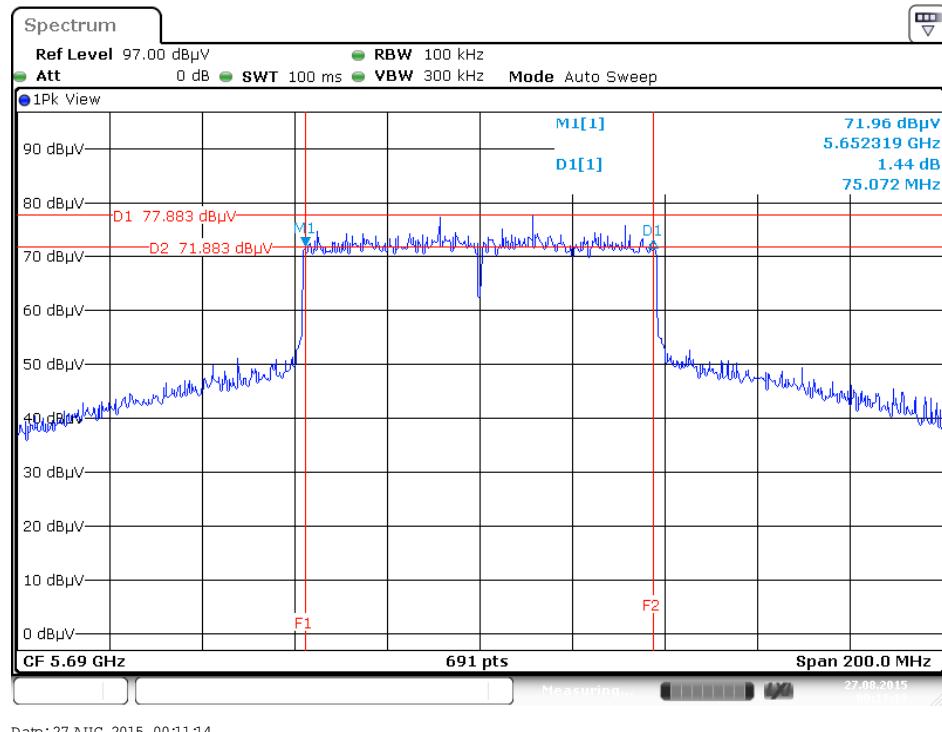
6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 / 5720 MHz



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



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



4.4. Maximum Conducted Output Power Measurement

4.4.1. Limit

Frequency Band		Limit
<input checked="" type="checkbox"/>	5.15~5.25 GHz	
	Operating Mode	
<input checked="" type="checkbox"/>	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).
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.

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

For other channel:

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

Power Meter Parameter	Setting
Detector	AVERAGE

For straddle channel:

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

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

4.4.3. Test Procedures

For other channel:

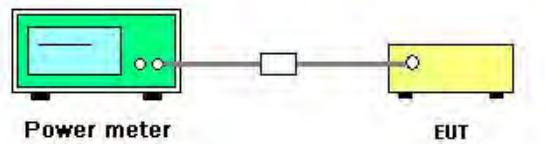
1. The transmitter output (antenna port) was connected to the power meter.
2. Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter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

For straddle channel:

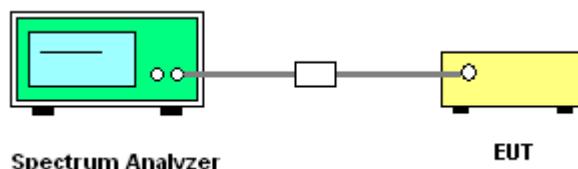
1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. Test was performed in accordance with FCC Public Notice DA 02-2138, August 30, 2002.

4.4.4. Test Setup Layout

For other channel:



For straddle channel:



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	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 1TX)		

For indoor use

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 2		
802.11a	5180 MHz	18.22	25.30	Complies
	5200 MHz	21.61	25.30	Complies
	5240 MHz	20.25	25.30	Complies
802.11n MCS0 HT20	5180 MHz	18.29	25.30	Complies
	5200 MHz	21.66	25.30	Complies
	5240 MHz	20.34	25.30	Complies
802.11n MCS0 HT40	5190 MHz	16.66	25.30	Complies
	5230 MHz	19.98	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	18.22	25.30	Complies
	5200 MHz	21.61	25.30	Complies
	5240 MHz	20.25	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.68	25.30	Complies
	5230 MHz	20.04	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	16.16	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	17.44	18.11	20.80	25.30	Complies
	5200 MHz	21.22	21.68	24.47	25.30	Complies
	5240 MHz	19.59	20.09	22.86	25.30	Complies
802.11n MCS0 HT20	5180 MHz	17.46	18.22	20.87	25.30	Complies
	5200 MHz	21.20	21.70	24.47	25.30	Complies
	5240 MHz	19.67	20.17	22.94	25.30	Complies
802.11n MCS0 HT40	5190 MHz	16.53	17.06	19.81	25.30	Complies
	5230 MHz	19.89	20.31	23.12	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	17.48	18.12	20.82	25.30	Complies
	5200 MHz	21.24	21.69	24.48	25.30	Complies
	5240 MHz	19.64	20.12	22.90	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.54	17.09	19.83	25.30	Complies
	5230 MHz	19.98	20.36	23.18	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.54	16.04	18.36	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	16.83	17.79	16.36	21.81	25.30	Complies
	5200 MHz	17.88	18.59	17.69	22.84	25.30	Complies
	5240 MHz	17.94	18.66	17.85	22.94	25.30	Complies
802.11n MCS0 HT20	5180 MHz	16.81	17.77	16.35	21.79	25.30	Complies
	5200 MHz	17.88	18.68	17.69	22.88	25.30	Complies
	5240 MHz	17.87	18.61	17.85	22.90	25.30	Complies
802.11n MCS0 HT40	5190 MHz	14.77	15.83	14.36	19.80	25.30	Complies
	5230 MHz	18.39	19.32	18.35	23.48	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.82	17.76	16.37	21.79	25.30	Complies
	5200 MHz	17.96	18.67	17.72	22.91	25.30	Complies
	5240 MHz	17.95	18.65	17.88	22.95	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	14.78	15.82	14.39	19.81	25.30	Complies
	5230 MHz	18.41	19.36	18.32	23.49	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	11.83	13.22	11.89	17.13	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 1TX)		

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 1		
802.11a	5180 MHz	19.41	30.00	Complies
	5200 MHz	21.65	30.00	Complies
	5240 MHz	21.77	30.00	Complies
802.11n MCS0 HT20	5180 MHz	19.33	30.00	Complies
	5200 MHz	21.68	30.00	Complies
	5240 MHz	21.78	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.13	30.00	Complies
	5230 MHz	21.09	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	19.59	30.00	Complies
	5200 MHz	21.79	30.00	Complies
	5240 MHz	21.89	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.25	30.00	Complies
	5230 MHz	21.14	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.68	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	17.44	18.11	20.80	30.00	Complies
	5200 MHz	21.22	21.68	24.47	30.00	Complies
	5240 MHz	20.28	20.88	23.60	30.00	Complies
802.11n MCS0 HT20	5180 MHz	17.46	18.22	20.87	30.00	Complies
	5200 MHz	21.20	21.70	24.47	30.00	Complies
	5240 MHz	20.32	20.93	23.65	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.82	17.42	20.14	30.00	Complies
	5230 MHz	20.22	20.74	23.50	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	17.48	18.12	20.82	30.00	Complies
	5200 MHz	21.24	21.69	24.48	30.00	Complies
	5240 MHz	20.35	20.94	23.67	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.84	17.44	20.16	30.00	Complies
	5230 MHz	20.22	20.74	23.50	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.57	17.02	19.37	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	18.47	19.56	18.29	23.58	30.00	Complies
	5200 MHz	19.41	20.18	19.33	24.43	30.00	Complies
	5240 MHz	19.47	20.17	19.37	24.46	30.00	Complies
802.11n MCS0 HT20	5180 MHz	18.44	19.53	18.31	23.57	30.00	Complies
	5200 MHz	19.45	20.07	19.31	24.39	30.00	Complies
	5240 MHz	19.48	20.20	19.34	24.46	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.45	17.35	16.37	21.52	30.00	Complies
	5230 MHz	19.54	20.12	19.49	24.50	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	18.49	19.54	18.32	23.59	30.00	Complies
	5200 MHz	19.43	20.23	19.36	24.46	30.00	Complies
	5240 MHz	19.46	20.19	19.34	24.45	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.48	17.36	16.33	21.52	30.00	Complies
	5230 MHz	19.56	20.22	19.41	24.52	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.56	16.68	15.58	20.74	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 1TX)		

For outdoor use

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 2		
802.11a	5180 MHz	13.55	25.30	Complies
	5200 MHz	13.58	25.30	Complies
	5240 MHz	13.55	25.30	Complies
	5260 MHz	19.19	19.30	Complies
802.11n MCS0 HT20	5180 MHz	13.57	25.30	Complies
	5200 MHz	13.61	25.30	Complies
	5240 MHz	13.56	25.30	Complies
802.11n MCS0 HT40	5190 MHz	13.62	25.30	Complies
	5230 MHz	13.46	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	13.62	25.30	Complies
MCS0/Nss1 VHT20	5200 MHz	13.60	25.30	Complies
	5240 MHz	13.57	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	13.64	25.30	Complies
	5230 MHz	13.49	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	13.52	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	9.63	11.16	13.47	25.30	Complies
	5200 MHz	9.49	11.22	13.45	25.30	Complies
	5240 MHz	9.88	10.94	13.45	25.30	Complies
802.11n MCS0 HT20	5180 MHz	9.71	11.09	13.46	25.30	Complies
	5200 MHz	9.80	10.96	13.43	25.30	Complies
	5240 MHz	9.89	10.95	13.46	25.30	Complies
802.11n MCS0 HT40	5190 MHz	9.87	11.21	13.60	25.30	Complies
	5230 MHz	10.01	11.03	13.56	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	9.64	11.19	13.49	25.30	Complies
	5200 MHz	9.48	11.25	13.46	25.30	Complies
	5240 MHz	9.89	10.95	13.46	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	9.88	11.22	13.61	25.30	Complies
	5230 MHz	10.03	11.05	13.58	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	10.01	11.20	13.66	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	8.44	9.61	8.19	13.56	25.30	Complies
	5200 MHz	8.35	9.62	8.40	13.60	25.30	Complies
	5240 MHz	8.58	9.25	8.53	13.57	25.30	Complies
802.11n MCS0 HT20	5180 MHz	8.48	9.66	8.31	13.63	25.30	Complies
	5200 MHz	8.38	9.57	8.37	13.58	25.30	Complies
	5240 MHz	8.56	9.28	8.49	13.56	25.30	Complies
802.11n MCS0 HT40	5190 MHz	8.45	9.42	8.12	13.47	25.30	Complies
	5230 MHz	8.37	9.42	8.35	13.51	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	8.47	9.68	8.33	13.64	25.30	Complies
	5200 MHz	8.37	9.62	8.45	13.62	25.30	Complies
	5240 MHz	8.59	9.31	8.66	13.64	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	8.49	9.47	8.17	13.52	25.30	Complies
	5230 MHz	8.36	9.47	8.38	13.54	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	8.25	9.79	8.42	13.65	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 1TX)		

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 1		
802.11a	5180 MHz	19.41	30.00	Complies
	5200 MHz	19.55	30.00	Complies
	5240 MHz	19.51	30.00	Complies
802.11n MCS0 HT20	5180 MHz	19.33	30.00	Complies
	5200 MHz	19.45	30.00	Complies
	5240 MHz	19.47	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.13	30.00	Complies
	5230 MHz	19.53	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	19.59	30.00	Complies
	5200 MHz	19.50	30.00	Complies
	5240 MHz	19.59	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.25	30.00	Complies
	5230 MHz	19.59	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.68	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	16.53	16.62	19.59	30.00	Complies
	5200 MHz	16.41	16.68	19.56	30.00	Complies
	5240 MHz	16.40	16.61	19.52	30.00	Complies
802.11n MCS0 HT20	5180 MHz	16.52	16.62	19.58	30.00	Complies
	5200 MHz	16.42	16.67	19.56	30.00	Complies
	5240 MHz	16.40	16.60	19.51	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.43	16.80	19.63	30.00	Complies
	5230 MHz	16.45	16.81	19.64	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.54	16.63	19.60	30.00	Complies
	5200 MHz	16.43	16.70	19.58	30.00	Complies
	5240 MHz	16.41	16.62	19.53	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.23	17.02	19.65	30.00	Complies
	5230 MHz	16.22	16.98	19.63	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.57	17.02	19.37	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	14.28	15.62	14.50	19.61	30.00	Complies
	5200 MHz	14.30	15.68	14.52	19.65	30.00	Complies
	5240 MHz	14.31	15.63	14.42	19.60	30.00	Complies
802.11n MCS0 HT20	5180 MHz	14.19	15.63	14.52	19.60	30.00	Complies
	5200 MHz	14.33	15.66	14.51	19.65	30.00	Complies
	5240 MHz	14.32	15.62	14.42	19.60	30.00	Complies
802.11n MCS0 HT40	5190 MHz	14.29	15.81	14.29	19.63	30.00	Complies
	5230 MHz	14.77	15.45	13.91	19.53	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	14.30	15.60	14.51	19.61	30.00	Complies
	5200 MHz	14.31	15.69	14.53	19.66	30.00	Complies
	5240 MHz	14.32	15.66	14.43	19.62	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	14.32	15.85	14.31	19.66	30.00	Complies
	5230 MHz	14.79	15.55	13.92	19.58	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.22	15.44	14.47	19.51	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 1TX)		

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 2		
802.11a	5180 MHz	16.61	30.00	Complies
	5200 MHz	16.55	30.00	Complies
	5240 MHz	16.57	30.00	Complies
802.11n MCS0 HT20	5180 MHz	16.55	30.00	Complies
	5200 MHz	16.59	30.00	Complies
	5240 MHz	16.53	30.00	Complies
802.11n MCS0 HT40	5190 MHz	16.45	30.00	Complies
	5230 MHz	16.61	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.61	30.00	Complies
	5200 MHz	16.65	30.00	Complies
	5240 MHz	16.67	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.42	30.00	Complies
	5230 MHz	16.61	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	16.32	30.00	Complies

Note: Antenna gain=5.10dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	13.17	14.13	16.69	30.00	Complies
	5200 MHz	13.19	14.11	16.68	30.00	Complies
	5240 MHz	12.81	14.14	16.54	30.00	Complies
802.11n MCS0 HT20	5180 MHz	13.03	14.13	16.63	30.00	Complies
	5200 MHz	13.12	14.16	16.68	30.00	Complies
	5240 MHz	13.12	14.05	16.62	30.00	Complies
802.11n MCS0 HT40	5190 MHz	13.20	13.81	16.53	30.00	Complies
	5230 MHz	13.07	14.15	16.65	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	13.04	14.20	16.67	30.00	Complies
	5200 MHz	12.99	14.26	16.68	30.00	Complies
	5240 MHz	12.95	14.14	16.60	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	12.85	14.04	16.50	30.00	Complies
	5230 MHz	13.12	14.15	16.68	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	12.99	14.18	16.64	30.00	Complies

Note: Antenna gain=5.10dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	11.75	12.62	11.21	16.67	30.00	Complies
	5200 MHz	11.91	12.62	11.05	16.68	30.00	Complies
	5240 MHz	11.52	12.54	11.32	16.60	30.00	Complies
802.11n MCS0 HT20	5180 MHz	11.76	12.68	11.08	16.66	30.00	Complies
	5200 MHz	11.83	12.65	11.08	16.67	30.00	Complies
	5240 MHz	11.55	12.55	11.33	16.61	30.00	Complies
802.11n MCS0 HT40	5190 MHz	11.31	12.76	11.14	16.57	30.00	Complies
	5230 MHz	11.61	12.56	11.24	16.61	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	11.79	12.69	11.11	16.68	30.00	Complies
	5200 MHz	11.89	12.63	11.06	16.68	30.00	Complies
	5240 MHz	11.54	12.56	11.37	16.63	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	11.36	12.72	11.17	16.58	30.00	Complies
	5230 MHz	11.62	12.53	11.21	16.59	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	11.08	12.64	11.48	16.56	30.00	Complies

Note: Antenna gain=5.10dBi <6dBi, so the B1 limit doesn't reduce.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 1TX)		

For indoor / outdoor use

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 2		
802.11a	5260 MHz	19.19	19.30	Complies
	5300 MHz	19.23	19.30	Complies
	5320 MHz	17.38	19.30	Complies
	5500 MHz	17.76	19.30	Complies
	5580 MHz	19.16	19.30	Complies
	5700 MHz	15.53	19.30	Complies
	5745 MHz	15.51	25.30	Complies
	5785 MHz	21.22	25.30	Complies
	5825 MHz	16.54	25.30	Complies
802.11n MCS0 HT20	5260 MHz	19.17	19.30	Complies
	5300 MHz	19.24	19.30	Complies
	5320 MHz	17.35	19.30	Complies
	5500 MHz	17.75	19.30	Complies
	5580 MHz	19.14	19.30	Complies
	5700 MHz	15.55	19.30	Complies
	5745 MHz	15.47	25.30	Complies
	5785 MHz	21.19	25.30	Complies
	5825 MHz	16.56	25.30	Complies
802.11n MCS0 HT40	5270 MHz	19.22	19.30	Complies
	5310 MHz	14.77	19.30	Complies
	5510 MHz	15.91	19.30	Complies
	5550 MHz	19.09	19.30	Complies
	5670 MHz	16.14	19.30	Complies
	5755 MHz	14.23	25.30	Complies
	5795 MHz	16.30	25.30	Complies

	5260 MHz	19.28	19.30	Complies
	5300 MHz	19.26	19.30	Complies
	5320 MHz	17.37	19.30	Complies
802.11ac MCS0/Nss1 VHT20	5500 MHz	17.78	19.30	Complies
	5580 MHz	19.17	19.30	Complies
	5700 MHz	15.54	19.30	Complies
	5745 MHz	15.58	25.30	Complies
	5785 MHz	21.24	25.30	Complies
	5825 MHz	16.54	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	19.24	19.30	Complies
	5310 MHz	14.78	19.30	Complies
	5510 MHz	15.89	19.30	Complies
	5550 MHz	19.12	19.30	Complies
	5670 MHz	16.13	19.30	Complies
	5755 MHz	14.24	25.30	Complies
	5795 MHz	16.32	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	13.53	19.30	Complies
	5530 MHz	15.28	19.30	Complies
	5610 MHz	16.55	19.30	Complies
	5775 MHz	14.15	25.30	Complies

Note1: Antenna gain=10.70dBi >6dBi, so the B2 B3 limit 24-(10.70-6)=19.30dBm.

Note2: Antenna gain=10.70dBi >6dBi, so the B4 limit 30-(10.70-6)=25.30dBm.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 2		
802.11a	5720 MHz (UNII 2C)	17.80	19.30	Complies
	5720 MHz (UNII 3)	11.62	25.30	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	17.80	19.30	Complies
	5720 MHz (UNII 3)	11.62	25.30	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	18.97	19.30	Complies
	5710 MHz (UNII 3)	8.83	25.30	Complies
802.11ac	5720 MHz (UNII 2C)	17.82	19.30	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	12.22	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	19.07	19.30	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	9.08	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	17.69	19.30	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.87	25.30	Complies

Note1: Antenna gain=10.70dBi >6dBi, so the limit 24-(10.70-6)=19.30dBm.

Note2: Antenna gain=10.70dBi >6dBi, so the limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5260 MHz	15.45	16.88	19.23	19.30	Complies
	5300 MHz	15.13	16.70	19.00	19.30	Complies
	5320 MHz	15.03	16.84	19.04	19.30	Complies
	5500 MHz	15.22	16.91	19.16	19.30	Complies
	5580 MHz	15.63	16.71	19.21	19.30	Complies
	5700 MHz	14.13	15.83	18.07	19.30	Complies
	5745 MHz	13.63	15.12	17.45	25.30	Complies
	5785 MHz	19.25	21.11	23.29	25.30	Complies
	5825 MHz	13.77	15.78	17.90	25.30	Complies
802.11n MCS0 HT20	5260 MHz	15.43	16.89	19.23	19.30	Complies
	5300 MHz	15.05	16.74	18.99	19.30	Complies
	5320 MHz	15.04	16.85	19.05	19.30	Complies
	5500 MHz	15.23	16.90	19.16	19.30	Complies
	5580 MHz	15.62	16.70	19.20	19.30	Complies
	5700 MHz	14.01	15.88	18.06	19.30	Complies
	5745 MHz	13.81	15.02	17.47	25.30	Complies
	5785 MHz	19.24	21.10	23.28	25.30	Complies
	5825 MHz	15.98	17.94	20.08	25.30	Complies
802.11n MCS0 HT40	5270 MHz	15.38	16.79	19.15	19.30	Complies
	5310 MHz	13.33	15.25	17.41	19.30	Complies
	5510 MHz	14.37	16.37	18.49	19.30	Complies
	5550 MHz	15.29	16.71	19.07	19.30	Complies
	5670 MHz	15.40	16.23	18.85	19.30	Complies
	5755 MHz	12.50	14.11	16.39	25.30	Complies
	5795 MHz	15.91	17.92	20.04	25.30	Complies

	5260 MHz	15.55	16.85	19.26	19.30	Complies
	5300 MHz	15.14	16.73	19.02	19.30	Complies
	5320 MHz	15.05	16.88	19.07	19.30	Complies
802.11ac	5500 MHz	15.23	16.92	19.17	19.30	Complies
MCS0/Nss1	5580 MHz	15.62	16.72	19.22	19.30	Complies
VHT20	5700 MHz	13.89	15.84	17.98	19.30	Complies
	5745 MHz	13.84	15.03	17.49	25.30	Complies
	5785 MHz	19.25	21.11	23.29	25.30	Complies
	5825 MHz	15.97	17.97	20.09	25.30	Complies
802.11ac	5270 MHz	15.54	16.66	19.15	19.30	Complies
MCS0/Nss1	5310 MHz	13.38	15.29	17.45	19.30	Complies
VHT40	5510 MHz	14.46	16.35	18.52	19.30	Complies
	5550 MHz	15.31	16.79	19.12	19.30	Complies
	5670 MHz	15.42	16.20	18.84	19.30	Complies
	5755 MHz	12.42	14.16	16.39	25.30	Complies
	5795 MHz	15.98	17.98	20.10	25.30	Complies
802.11ac	5290 MHz	12.28	14.32	16.43	19.30	Complies
MCS0/Nss1	5530 MHz	14.04	15.82	18.03	19.30	Complies
VHT80	5610 MHz	15.37	16.71	19.10	19.30	Complies
	5775 MHz	11.43	14.06	15.95	25.30	Complies

Note1: Antenna gain=10.70dBi >6dBi, so the B2 B3 limit 24-(10.70-6)=19.30dBm.

Note2: Antenna gain=10.70dBi >6dBi, so the B4 limit 30-(10.70-6)=25.30dBm.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5720 MHz (UNII 2C)	12.85	14.65	16.85	18.14	Complies
	5720 MHz (UNII 3)	6.29	8.26	10.40	25.30	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	12.67	14.73	16.83	18.14	Complies
	5720 MHz (UNII 3)	6.74	8.98	11.01	25.30	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	15.09	16.90	19.10	19.30	Complies
	5710 MHz (UNII 3)	4.36	6.52	8.58	25.30	Complies
802.11ac	5720 MHz (UNII 2C)	12.54	14.47	16.62	18.14	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	6.61	8.72	10.80	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	15.20	16.91	19.15	19.30	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	4.46	6.51	8.62	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	15.00	17.08	19.17	19.30	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-0.08	2.97	4.72	25.30	Complies

(UNII 2C)

Note1: Antenna gain=10.70dBi >6dBi, so the limit 24-(10.70-6)=19.30dBm.

Note2: 5720 MHz limit=11+10log(15.26)=22.84dBm<24dBm, so limit=22.84-(10.70-6)=18.14dBm.

(UNII 3)

Note1: Antenna gain=10.70dBi >6dBi, so the limit 30-(10.70-6)=25.30dBm.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5260 MHz	12.53	13.39	12.27	17.53	19.30	Complies
	5300 MHz	11.91	13.63	12.05	17.37	19.30	Complies
	5320 MHz	11.93	13.72	12.21	17.46	19.30	Complies
	5500 MHz	12.18	13.26	12.57	17.46	19.30	Complies
	5580 MHz	12.18	13.54	12.31	17.49	19.30	Complies
	5700 MHz	11.72	13.52	12.49	17.41	19.30	Complies
	5745 MHz	13.01	15.26	15.29	19.41	25.30	Complies
	5785 MHz	18.54	20.55	19.80	24.48	25.30	Complies
	5825 MHz	14.25	15.58	15.98	20.10	25.30	Complies
802.11n MCS0 HT20	5260 MHz	12.51	13.37	12.31	17.53	19.30	Complies
	5300 MHz	12.03	13.66	12.02	17.41	19.30	Complies
	5320 MHz	12.05	13.67	12.28	17.50	19.30	Complies
	5500 MHz	12.18	13.29	12.61	17.49	19.30	Complies
	5580 MHz	12.24	13.52	12.21	17.47	19.30	Complies
	5700 MHz	11.62	13.61	12.54	17.44	19.30	Complies
	5745 MHz	12.99	15.32	15.31	19.44	25.30	Complies
	5785 MHz	18.54	20.59	19.78	24.49	25.30	Complies
	5825 MHz	14.23	15.38	16.02	20.04	25.30	Complies
802.11n MCS0 HT40	5270 MHz	13.82	15.36	14.14	19.26	19.30	Complies
	5310 MHz	12.49	14.33	12.72	18.03	19.30	Complies
	5510 MHz	13.05	14.46	13.57	18.50	19.30	Complies
	5550 MHz	14.12	15.33	13.82	19.24	19.30	Complies
	5670 MHz	13.84	15.44	13.91	19.23	19.30	Complies
	5755 MHz	11.51	13.22	13.21	17.49	25.30	Complies
	5795 MHz	13.59	15.62	14.93	19.56	25.30	Complies

	5260 MHz	12.45	13.39	12.31	17.51	19.30	Complies
	5300 MHz	11.97	13.71	12.08	17.43	19.30	Complies
	5320 MHz	11.97	13.75	12.25	17.50	19.30	Complies
802.11ac	5500 MHz	12.22	13.32	12.65	17.52	19.30	Complies
MCS0/Nss1	5580 MHz	12.30	13.56	12.26	17.52	19.30	Complies
VHT20	5700 MHz	11.68	13.58	12.55	17.44	19.30	Complies
	5745 MHz	12.96	15.28	15.26	19.40	25.30	Complies
	5785 MHz	18.61	20.53	19.84	24.50	25.30	Complies
	5825 MHz	14.48	15.78	16.04	20.26	25.30	Complies
802.11ac	5270 MHz	13.86	15.34	14.18	19.28	19.30	Complies
MCS0/Nss1	5310 MHz	12.52	14.35	12.73	18.05	19.30	Complies
VHT40	5510 MHz	13.01	14.48	13.62	18.52	19.30	Complies
	5550 MHz	14.15	15.29	13.84	19.24	19.30	Complies
	5670 MHz	13.92	15.39	13.98	19.26	19.30	Complies
	5755 MHz	11.49	13.27	13.26	17.52	25.30	Complies
	5795 MHz	13.62	15.68	14.96	19.61	25.30	Complies
802.11ac	5290 MHz	11.34	13.29	11.98	17.05	19.30	Complies
MCS0/Nss1	5530 MHz	12.28	13.92	13.06	17.91	19.30	Complies
VHT80	5610 MHz	13.68	15.44	14.13	19.25	19.30	Complies
	5775 MHz	10.55	12.96	12.89	17.04	25.30	Complies

Note1: Antenna gain=10.70dB_i>6dB_i, so the B2 B3 limit 24-(10.70-6)=19.30dBm.

Note2: Antenna gain=10.70dB_i>6dB_i, so the B4 limit 30-(10.70-6)=25.30dBm.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5720 MHz (UNII 2C)	9.32	11.74	10.83	15.51	18.12	Complies
	5720 MHz (UNII 3)	2.76	5.18	4.42	9.00	25.30	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	9.17	11.61	10.56	15.33	18.12	Complies
	5720 MHz (UNII 3)	3.01	5.81	4.74	9.44	25.30	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	13.15	15.37	14.52	19.21	19.30	Complies
	5710 MHz (UNII 3)	2.11	4.96	3.89	8.58	25.30	Complies
802.11ac	5720 MHz (UNII 2C)	9.10	11.59	10.70	15.35	18.12	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	2.97	5.78	4.90	9.47	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	13.16	15.41	14.54	19.24	19.30	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	2.20	5.09	3.94	8.67	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	13.07	15.38	14.64	19.24	19.30	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-1.96	1.42	0.02	4.81	25.30	Complies

(UNII 2C)

Note1: Antenna gain=10.70dBi >6dBi, so the limit 24-(10.70-6)=19.30dBm.

Note2: 5720 MHz limit=11+10log(15.20)=22.82dBm<24dBm, so limit=22.82-(10.70-6)=18.12dBm.

(UNII 3)

Note1: Antenna gain=10.70dBi >6dBi, so the limit 30-(10.70-6)=25.30dBm.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 1TX)		

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 1		
802.11a	5260 MHz	18.21	24.00	Complies
	5300 MHz	18.53	24.00	Complies
	5320 MHz	18.51	24.00	Complies
	5500 MHz	19.26	24.00	Complies
	5580 MHz	18.31	24.00	Complies
	5700 MHz	17.73	24.00	Complies
	5745 MHz	17.43	30.00	Complies
	5785 MHz	21.21	30.00	Complies
	5825 MHz	18.63	30.00	Complies
802.11n MCS0 HT20	5260 MHz	18.52	24.00	Complies
	5300 MHz	18.49	24.00	Complies
	5320 MHz	18.42	24.00	Complies
	5500 MHz	19.31	24.00	Complies
	5580 MHz	18.29	24.00	Complies
	5700 MHz	17.58	24.00	Complies
	5745 MHz	17.36	30.00	Complies
	5785 MHz	21.23	30.00	Complies
	5825 MHz	18.65	30.00	Complies
802.11n MCS0 HT40	5270 MHz	17.81	24.00	Complies
	5310 MHz	15.91	24.00	Complies
	5510 MHz	16.37	24.00	Complies
	5550 MHz	18.07	24.00	Complies
	5670 MHz	18.11	24.00	Complies
	5755 MHz	16.41	30.00	Complies
	5795 MHz	19.56	30.00	Complies

	5260 MHz	18.57	24.00	Complies
	5300 MHz	18.52	24.00	Complies
	5320 MHz	18.53	24.00	Complies
802.11ac MCS0/Nss1 VHT20	5500 MHz	19.28	24.00	Complies
	5580 MHz	18.33	24.00	Complies
	5700 MHz	17.82	24.00	Complies
	5745 MHz	17.49	30.00	Complies
	5785 MHz	21.22	30.00	Complies
	5825 MHz	18.58	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	17.79	24.00	Complies
	5310 MHz	16.05	24.00	Complies
	5510 MHz	16.53	24.00	Complies
	5550 MHz	18.06	24.00	Complies
	5670 MHz	18.29	24.00	Complies
	5755 MHz	16.57	30.00	Complies
	5795 MHz	19.66	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	14.58	24.00	Complies
	5530 MHz	15.87	24.00	Complies
	5610 MHz	17.52	24.00	Complies
	5775 MHz	15.57	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.



Straddle Channel

Mode	Frequency	Conducted Power (dBm)	Max. Limit (dBm)	Result
		Chain 1		
802.11a	5720 MHz (UNII 2C)	18.65	24.00	Complies
	5720 MHz (UNII 3)	12.81	30.00	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	18.78	24.00	Complies
	5720 MHz (UNII 3)	12.95	30.00	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	18.68	24.00	Complies
	5710 MHz (UNII 3)	8.10	30.00	Complies
802.11ac	5720 MHz (UNII 2C)	18.69	24.00	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	12.84	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	18.69	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	8.11	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	18.71	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	4.31	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5260 MHz	18.24	19.17	21.74	24.00	Complies
	5300 MHz	18.29	19.36	21.87	24.00	Complies
	5320 MHz	17.24	18.48	20.91	24.00	Complies
	5500 MHz	17.79	18.85	21.36	24.00	Complies
	5580 MHz	18.28	19.21	21.78	24.00	Complies
	5700 MHz	15.57	16.98	19.34	24.00	Complies
	5745 MHz	15.97	17.32	19.71	30.00	Complies
	5785 MHz	20.41	21.97	24.27	30.00	Complies
	5825 MHz	17.25	18.89	21.16	30.00	Complies
802.11n MCS0 HT20	5260 MHz	18.32	19.16	21.77	24.00	Complies
	5300 MHz	18.35	19.31	21.87	24.00	Complies
	5320 MHz	17.33	18.42	20.92	24.00	Complies
	5500 MHz	17.74	18.83	21.33	24.00	Complies
	5580 MHz	18.25	19.27	21.80	24.00	Complies
	5700 MHz	15.56	16.98	19.34	24.00	Complies
	5745 MHz	15.91	17.29	19.66	30.00	Complies
	5785 MHz	20.45	21.97	24.29	30.00	Complies
	5825 MHz	17.18	18.96	21.17	30.00	Complies
802.11n MCS0 HT40	5270 MHz	19.45	19.71	22.59	24.00	Complies
	5310 MHz	14.91	16.13	18.57	24.00	Complies
	5510 MHz	16.38	17.36	19.91	24.00	Complies
	5550 MHz	20.04	20.75	23.42	24.00	Complies
	5670 MHz	16.21	17.34	19.82	24.00	Complies
	5755 MHz	14.38	15.59	18.04	30.00	Complies
	5795 MHz	16.65	18.31	20.57	30.00	Complies

	5260 MHz	18.34	19.18	21.79	24.00	Complies
	5300 MHz	18.38	19.33	21.89	24.00	Complies
	5320 MHz	17.27	18.46	20.92	24.00	Complies
802.11ac	5500 MHz	17.91	18.78	21.38	24.00	Complies
MCS0/Nss1	5580 MHz	18.23	19.31	21.81	24.00	Complies
VHT20	5700 MHz	15.53	17.03	19.35	24.00	Complies
	5745 MHz	16.02	17.35	19.75	30.00	Complies
	5785 MHz	20.48	21.98	24.30	30.00	Complies
	5825 MHz	17.26	18.91	21.17	30.00	Complies
802.11ac	5270 MHz	19.45	19.75	22.61	24.00	Complies
MCS0/Nss1	5310 MHz	14.92	16.14	18.58	24.00	Complies
VHT40	5510 MHz	16.41	17.37	19.93	24.00	Complies
	5550 MHz	20.03	20.78	23.43	24.00	Complies
	5670 MHz	16.27	17.32	19.84	24.00	Complies
	5755 MHz	14.45	15.62	18.08	30.00	Complies
	5795 MHz	16.74	18.25	20.57	30.00	Complies
802.11ac	5290 MHz	14.76	16.74	18.87	24.00	Complies
MCS0/Nss1	5530 MHz	15.85	17.52	19.78	24.00	Complies
VHT80	5610 MHz	18.19	19.23	21.75	24.00	Complies
	5775 MHz	14.46	16.42	18.56	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5720 MHz (UNII 2C)	15.85	17.58	19.81	24.00	Complies
	5720 MHz (UNII 3)	9.93	11.87	14.02	30.00	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	15.72	17.63	19.79	24.00	Complies
	5720 MHz (UNII 3)	9.85	11.96	14.04	30.00	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	18.70	20.31	22.59	24.00	Complies
	5710 MHz (UNII 3)	8.07	10.11	12.22	30.00	Complies
802.11ac	5720 MHz (UNII 2C)	15.69	17.70	19.82	24.00	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.77	11.99	14.03	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	18.76	20.39	22.66	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	8.18	10.20	12.32	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	18.72	20.58	22.76	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	4.30	7.05	8.90	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5260 MHz	14.55	16.22	14.97	20.08	24.00	Complies
	5300 MHz	14.58	16.01	15.17	20.06	24.00	Complies
	5320 MHz	14.49	16.08	14.92	19.99	24.00	Complies
	5500 MHz	14.59	15.97	15.22	20.07	24.00	Complies
	5580 MHz	14.56	15.92	14.65	19.86	24.00	Complies
	5700 MHz	14.62	15.82	15.01	19.95	24.00	Complies
	5745 MHz	13.88	15.52	15.41	19.77	30.00	Complies
	5785 MHz	18.54	20.55	19.80	24.48	30.00	Complies
	5825 MHz	16.07	17.32	16.51	21.44	30.00	Complies
802.11n MCS0 HT20	5260 MHz	14.56	16.22	14.96	20.08	24.00	Complies
	5300 MHz	14.55	16.02	15.16	20.06	24.00	Complies
	5320 MHz	14.50	16.07	14.91	19.98	24.00	Complies
	5500 MHz	14.58	15.96	15.21	20.06	24.00	Complies
	5580 MHz	14.57	15.91	14.64	19.86	24.00	Complies
	5700 MHz	14.61	15.80	15.02	19.94	24.00	Complies
	5745 MHz	13.80	15.51	15.42	19.75	30.00	Complies
	5785 MHz	18.54	20.59	19.78	24.49	30.00	Complies
	5825 MHz	16.06	17.33	16.50	21.43	30.00	Complies
802.11n MCS0 HT40	5270 MHz	17.92	18.66	17.77	22.91	24.00	Complies
	5310 MHz	14.45	16.00	14.89	19.93	24.00	Complies
	5510 MHz	15.42	16.62	16.21	20.88	24.00	Complies
	5550 MHz	17.77	16.63	17.79	22.20	24.00	Complies
	5670 MHz	17.05	18.28	17.76	22.50	24.00	Complies
	5755 MHz	14.21	15.88	15.81	20.14	30.00	Complies
	5795 MHz	15.66	17.31	16.77	21.40	30.00	Complies

	5260 MHz	14.56	16.23	14.98	20.09	24.00	Complies
	5300 MHz	14.59	16.02	15.18	20.07	24.00	Complies
	5320 MHz	14.51	16.09	14.95	20.01	24.00	Complies
802.11ac	5500 MHz	14.64	15.98	15.23	20.09	24.00	Complies
MCS0/Nss1	5580 MHz	14.59	15.93	14.66	19.88	24.00	Complies
VHT20	5700 MHz	14.65	15.84	15.05	19.98	24.00	Complies
	5745 MHz	13.89	15.53	15.43	19.78	30.00	Complies
	5785 MHz	18.61	20.53	19.84	24.50	30.00	Complies
	5825 MHz	16.09	17.35	16.52	21.46	30.00	Complies
802.11ac	5270 MHz	17.95	18.69	17.79	22.93	24.00	Complies
MCS0/Nss1	5310 MHz	14.47	16.01	14.89	19.94	24.00	Complies
VHT40	5510 MHz	15.41	16.66	16.21	20.89	24.00	Complies
	5550 MHz	17.78	18.64	17.80	22.86	24.00	Complies
	5670 MHz	17.07	18.27	17.75	22.50	24.00	Complies
	5755 MHz	14.24	15.89	15.86	20.17	30.00	Complies
	5795 MHz	15.66	17.37	16.74	21.42	30.00	Complies
802.11ac	5290 MHz	13.74	15.13	14.22	19.17	24.00	Complies
MCS0/Nss1	5530 MHz	13.55	14.81	14.39	19.05	24.00	Complies
VHT80	5610 MHz	17.07	18.26	17.53	22.42	24.00	Complies
	5775 MHz	13.07	15.30	15.22	19.42	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5720 MHz (UNII 2C)	11.64	13.64	12.67	17.50	24.00	Complies
	5720 MHz (UNII 3)	5.14	7.09	6.59	11.12	30.00	Complies
802.11n MCS0 HT20	5720 MHz (UNII 2C)	11.56	13.55	12.66	17.44	24.00	Complies
	5720 MHz (UNII 3)	5.52	7.79	7.04	11.65	30.00	Complies
802.11n MCS0 HT40	5710 MHz (UNII 2C)	15.14	16.77	16.01	20.80	24.00	Complies
	5710 MHz (UNII 3)	4.17	6.36	5.56	10.23	30.00	Complies
802.11ac	5720 MHz (UNII 2C)	11.59	13.40	12.57	17.35	24.00	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	5.53	7.64	6.92	11.55	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	15.18	16.80	16.02	20.82	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	4.26	6.35	5.56	10.24	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	17.65	19.39	19.60	23.73	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	2.78	5.34	5.22	9.37	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the limit doesn't reduce.

<For Beamforming Mode>

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

For indoor use

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	15.31	16.22	18.80	25.30	Complies
	5200 MHz	20.27	20.84	23.57	25.30	Complies
	5240 MHz	18.63	19.33	22.00	25.30	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	15.33	16.24	18.82	25.30	Complies
	5200 MHz	20.28	20.83	23.57	25.30	Complies
	5240 MHz	18.65	19.34	22.02	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	14.57	15.23	17.92	25.30	Complies
	5230 MHz	19.98	20.36	23.18	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.86	16.35	18.68	25.30	Complies

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (10.70 - 6) = 25.30 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	15.66	16.65	15.31	20.68	23.08	Complies
	5200 MHz	17.91	18.65	17.73	22.89	23.08	Complies
	5240 MHz	17.94	18.64	17.87	22.94	23.08	Complies
802.11ac	5180 MHz	15.68	16.68	15.29	20.69	23.08	Complies
MCS0/Nss1 VHT20	5200 MHz	17.96	18.67	17.72	22.91	23.08	Complies
	5240 MHz	17.95	18.65	17.88	22.95	23.08	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	14.58	15.57	14.14	19.58	23.08	Complies
	5230 MHz	18.02	18.89	17.89	23.06	23.08	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.15	15.41	14.06	19.36	23.08	Complies

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.92 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (12.92 - 6) = 23.08 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	17.44	18.11	20.80	27.59	Complies
	5200 MHz	21.44	21.60	24.53	27.59	Complies
	5240 MHz	21.11	21.64	24.39	27.59	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	17.48	18.12	20.82	27.59	Complies
	5200 MHz	21.49	21.64	24.58	27.59	Complies
	5240 MHz	21.19	21.62	24.42	27.59	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.84	17.44	20.16	27.59	Complies
	5230 MHz	21.41	21.69	24.56	27.59	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.42	16.64	19.08	27.59	Complies

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 8.41 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (8.41 - 6) = 27.59 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	17.55	18.44	17.36	22.58	25.83	Complies
	5200 MHz	19.41	20.18	19.33	24.43	25.83	Complies
	5240 MHz	19.47	20.17	19.37	24.46	25.83	Complies
802.11ac	5180 MHz	17.52	18.46	17.34	22.57	25.83	Complies
MCS0/Nss1 VHT20	5200 MHz	19.43	20.23	19.36	24.46	25.83	Complies
	5240 MHz	19.46	20.19	19.34	24.45	25.83	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.22	17.10	16.08	21.26	25.83	Complies
	5230 MHz	19.56	20.22	19.41	24.52	25.83	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.06	16.27	15.27	20.34	25.83	Complies

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 10.17 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (10.17 - 6) = 25.83 \text{dBm.}$$



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

For outdoor use

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	9.63	11.16	13.47	25.30	Complies
	5200 MHz	9.49	11.22	13.45	25.30	Complies
	5240 MHz	9.88	10.94	13.45	25.30	Complies
802.11ac	5180 MHz	9.64	11.19	13.49	25.30	Complies
MCS0/Nss1 VHT20	5200 MHz	9.48	11.25	13.46	25.30	Complies
	5240 MHz	9.89	10.95	13.46	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	9.88	11.22	13.61	25.30	Complies
	5230 MHz	10.03	11.05	13.58	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	10.01	11.20	13.66	25.30	Complies

Note:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (10.70 - 6) = 25.30 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	6.84	6.77	5.86	11.28	23.08	Complies
	5200 MHz	6.76	6.84	5.90	11.29	23.08	Complies
	5240 MHz	6.77	6.81	5.91	11.29	23.08	Complies
802.11ac	5180 MHz	6.82	6.78	5.90	11.29	23.08	Complies
MCS0/Nss1 VHT20	5200 MHz	6.78	6.88	5.92	11.32	23.08	Complies
	5240 MHz	6.79	6.82	5.93	11.30	23.08	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	6.64	6.88	6.01	11.30	23.08	Complies
	5230 MHz	6.66	6.89	6.02	11.31	23.08	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	6.68	6.91	6.03	11.33	23.08	Complies

Note:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 12.92 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (12.92 - 6) = 23.08 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	13.11	13.86	16.51	27.59	Complies
	5200 MHz	13.13	13.74	16.46	27.59	Complies
	5240 MHz	13.13	13.72	16.45	27.59	Complies
802.11ac	5180 MHz	13.12	13.81	16.49	27.59	Complies
MCS0/Nss1 VHT20	5200 MHz	13.20	13.88	16.56	27.59	Complies
	5240 MHz	13.17	13.86	16.54	27.59	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	13.03	13.98	16.54	27.59	Complies
	5230 MHz	13.21	13.94	16.60	27.59	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	12.98	14.02	16.54	27.59	Complies

Note:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 8.41 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (8.41 - 6) = 27.59 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	9.67	10.97	9.41	14.84	25.83	Complies
	5200 MHz	9.88	10.55	9.71	14.83	25.83	Complies
	5240 MHz	10.16	10.56	9.52	14.87	25.83	Complies
802.11ac	5180 MHz	9.71	10.96	9.47	14.87	25.83	Complies
MCS0/Nss1 VHT20	5200 MHz	9.88	10.56	9.74	14.85	25.83	Complies
	5240 MHz	10.18	10.59	9.53	14.89	25.83	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	9.81	10.79	9.59	14.87	25.83	Complies
	5230 MHz	10.08	10.62	9.60	14.89	25.83	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	9.67	10.70	9.56	14.78	25.83	Complies

Note:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 10.17 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (10.17 - 6) = 25.83 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5180 MHz	9.69	11.12	13.47	27.89	Complies
	5200 MHz	9.77	11.13	13.51	27.89	Complies
	5240 MHz	9.93	11.15	13.59	27.89	Complies
802.11ac	5180 MHz	9.98	11.12	13.60	27.89	Complies
MCS0/Nss1 VHT20	5200 MHz	10.07	11.15	13.65	27.89	Complies
	5240 MHz	10.15	11.01	13.61	27.89	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	10.12	11.15	13.68	27.89	Complies
	5230 MHz	10.09	11.11	13.64	27.89	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	10.10	10.76	13.45	27.89	Complies

Note:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 8.11 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (8.11 - 6) = 27.89 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5180 MHz	6.99	7.65	6.69	11.90	26.13	Complies
	5200 MHz	6.71	7.81	6.81	11.91	26.13	Complies
	5240 MHz	7.16	7.75	6.32	11.89	26.13	Complies
802.11ac	5180 MHz	6.95	7.72	6.71	11.92	26.13	Complies
MCS0/Nss1 VHT20	5200 MHz	6.69	7.82	6.84	11.92	26.13	Complies
	5240 MHz	7.18	7.76	6.35	11.91	26.13	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	6.73	7.63	6.28	11.69	26.13	Complies
	5230 MHz	7.07	7.64	6.67	11.92	26.13	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	6.08	7.75	6.82	11.71	26.13	Complies

Note:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 9.87 \text{dBi} > 6 \text{dBi}, \text{ so the B1 limit } 30 - (9.87 - 6) = 26.13 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

For indoor / outdoor use

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result	
		Chain 1	Chain 2	Total			
802.11a	5260 MHz	15.45	16.88	19.23	19.30	Complies	
	5300 MHz	15.13	16.70	19.00	19.30	Complies	
	5320 MHz	15.03	16.84	19.04	19.30	Complies	
	5500 MHz	14.72	16.41	18.66	19.30	Complies	
	5580 MHz	15.63	16.71	19.21	19.30	Complies	
	5700 MHz	12.96	14.84	17.01	19.30	Complies	
	5745 MHz	13.59	15.77	17.83	25.30	Complies	
	5785 MHz	16.53	18.74	20.78	25.30	Complies	
	5825 MHz	15.92	17.86	20.01	25.30	Complies	
802.11ac	5260 MHz	15.55	16.85	19.26	19.30	Complies	
	5300 MHz	15.14	16.73	19.02	19.30	Complies	
	5320 MHz	15.05	16.88	19.07	19.30	Complies	
	5500 MHz	14.77	16.44	18.70	19.30	Complies	
	5580 MHz	15.62	16.72	19.22	19.30	Complies	
	VHT20	5700 MHz	12.99	14.87	17.04	19.30	Complies
		5745 MHz	13.54	15.41	17.59	25.30	Complies
		5785 MHz	16.55	18.68	20.75	25.30	Complies
		5825 MHz	15.94	17.96	20.08	25.30	Complies
802.11ac	MCS0/Nss1	5270 MHz	15.54	16.66	19.15	19.30	Complies
		5310 MHz	14.05	15.59	17.90	19.30	Complies
		5510 MHz	14.22	16.71	18.65	19.30	Complies
		5550 MHz	15.31	16.79	19.12	19.30	Complies
	VHT40	5670 MHz	14.83	16.17	18.56	19.30	Complies
		5755 MHz	12.68	14.78	16.87	25.30	Complies
		5795 MHz	15.27	17.56	19.57	25.30	Complies
	802.11ac	5290 MHz	11.94	14.09	16.16	19.30	Complies
	MCS0/Nss1	5530 MHz	13.69	15.09	17.46	19.30	Complies
VHT80		5610 MHz	14.62	16.04	18.40	19.30	Complies
		5775 MHz	11.08	13.16	15.25	25.30	Complies

Note1: $Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70\text{dBi} > 6\text{dBi}$, so the B2 B3 limit $24-(10.70-6)=19.30\text{dBm}$.

Note2: $Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70\text{dBi} > 6\text{dBi}$, so the B4 limit $30-(10.70-6)=25.30\text{dBm}$.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5720 MHz (UNII 2C)	12.85	14.65	16.85	18.14	Complies
	5720 MHz (UNII 3)	6.29	8.26	10.40	25.30	Complies
802.11ac	5720 MHz (UNII 2C)	12.54	14.47	16.62	18.14	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	6.61	8.72	10.80	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	15.20	16.91	19.15	19.30	Complies
	MCS0/Nss1 VHT40	4.46	6.51	8.62	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	15.00	17.08	19.17	19.30	Complies
	MCS0/Nss1 VHT80	-0.08	2.97	4.72	25.30	Complies

(UNII 2C)

Note1: $Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70\text{dBi} > 6\text{dBi}$, so the limit $24-(10.70-6)=19.30\text{dBm}$.

(UNII 3)

Note1: $Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70\text{dBi} > 6\text{dBi}$, so the limit $30-(10.70-6)=25.30\text{dBm}$.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result		
		Chain 1	Chain 2	Chain 3	Total				
802.11a	5260 MHz	11.92	12.88	11.80	17.00	17.08	Complies		
	5300 MHz	11.93	12.70	12.07	17.02	17.08	Complies		
	5320 MHz	11.45	13.22	11.74	16.98	17.08	Complies		
	5500 MHz	11.70	12.80	12.14	17.01	17.08	Complies		
	5580 MHz	11.78	13.04	11.74	17.00	17.08	Complies		
	5700 MHz	11.17	13.06	12.03	16.93	17.08	Complies		
	5745 MHz	10.71	12.84	12.59	16.92	23.08	Complies		
	5785 MHz	17.04	19.01	18.44	23.01	23.08	Complies		
	5825 MHz	13.12	14.93	14.56	19.04	23.08	Complies		
802.11ac	5260 MHz	11.95	12.89	11.81	17.01	17.08	Complies		
	5300 MHz	11.97	12.71	12.08	17.04	17.08	Complies		
	5320 MHz	11.47	13.25	11.75	17.00	17.08	Complies		
	5500 MHz	11.72	12.82	12.15	17.02	17.08	Complies		
	5580 MHz	11.80	13.06	11.76	17.02	17.08	Complies		
	VHT20	5700 MHz	11.18	13.08	12.05	16.94	17.08	Complies	
	MCS0/Nss1	5745 MHz	10.75	12.88	12.57	16.93	23.08	Complies	
	VHT20	5785 MHz	17.05	19.02	18.41	23.01	23.08	Complies	
	MCS0/Nss1	5825 MHz	13.06	14.99	14.62	19.07	23.08	Complies	
802.11ac	MCS0/Nss1	5270 MHz	11.41	13.28	11.74	16.99	17.08	Complies	
		5310 MHz	11.51	13.19	11.81	17.00	17.08	Complies	
		5510 MHz	11.46	12.77	12.06	16.90	17.08	Complies	
		5550 MHz	11.76	12.86	11.95	16.99	17.08	Complies	
		VHT40	5670 MHz	11.72	12.82	11.72	16.89	17.08	Complies
		MCS0/Nss1	5755 MHz	9.22	11.51	11.02	15.46	23.08	Complies
		VHT40	5795 MHz	13.83	15.67	15.56	19.87	23.08	Complies
		802.11ac	5290 MHz	11.34	13.29	11.98	17.05	17.08	Complies
		MCS0/Nss1	5530 MHz	11.52	13.01	12.21	17.06	17.08	Complies
		VHT80	5610 MHz	11.56	13.06	11.94	17.01	17.08	Complies
		5775 MHz	9.04	11.38	11.34	15.49	23.08	Complies	

Note1: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.92\text{dBi} > 6\text{dBi}$, so the B2 B3 limit $24-(12.92-6)=17.08\text{dBm}$.

Note2: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.92\text{dBi} > 6\text{dBi}$, so the B4 limit $30-(12.92-6)=23.08\text{dBm}$.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5720 MHz (UNII 2C)	9.32	11.74	10.83	15.51	15.90	Complies
	5720 MHz (UNII 3)	2.76	5.18	4.42	9.00	23.08	Complies
802.11ac	5720 MHz (UNII 2C)	9.10	11.59	10.70	15.35	15.90	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	2.97	5.78	4.90	9.47	23.08	Complies
802.11ac	5710 MHz (UNII 2C)	11.00	12.92	11.95	16.80	17.08	Complies
	5710 MHz (UNII 3)	-0.12	2.58	1.29	6.16	23.08	Complies
802.11ac	5690 MHz (UNII 2C)	10.94	12.81	12.54	16.94	17.08	Complies
	5690 MHz (UNII 3)	-3.00	-1.00	-1.71	2.94	23.08	Complies

(UNII 2C)

Note1: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.92\text{dBi} > 6\text{dBi}$, so the limit $24-(12.92-6)=17.08\text{dBm}$.

Note2: 5720 MHz limit= $11+10\log(15.20)=22.82\text{dBm} < 24\text{dBm}$, so limit= $22.82-(12.92-6)=15.90\text{dBm}$.

(UNII 3)

Note1: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.92\text{dBi} > 6\text{dBi}$, so the limit $30-(12.92-6)=23.08\text{dBm}$.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result	
		Chain 1	Chain 2	Total			
802.11a	5260 MHz	18.01	18.98	21.53	21.59	Complies	
	5300 MHz	17.88	18.91	21.44	21.59	Complies	
	5320 MHz	17.03	18.19	20.66	21.59	Complies	
	5500 MHz	17.79	18.85	21.36	21.59	Complies	
	5580 MHz	17.88	18.83	21.39	21.59	Complies	
	5700 MHz	15.72	17.22	19.54	21.59	Complies	
	5745 MHz	15.97	17.32	19.71	27.59	Complies	
	5785 MHz	20.41	21.97	24.27	27.59	Complies	
	5825 MHz	16.35	18.03	20.28	27.59	Complies	
802.11ac	5260 MHz	18.05	18.97	21.54	21.59	Complies	
	5300 MHz	17.91	18.92	21.45	21.59	Complies	
	5320 MHz	17.02	18.21	20.67	21.59	Complies	
	5500 MHz	17.91	18.78	21.38	21.59	Complies	
	5580 MHz	17.98	19.06	21.56	21.59	Complies	
	VHT20	5700 MHz	15.75	17.21	19.55	21.59	Complies
		5745 MHz	16.02	17.35	19.75	27.59	Complies
		5785 MHz	20.48	21.98	24.30	27.59	Complies
		5825 MHz	16.52	18.17	20.43	27.59	Complies
802.11ac	MCS0/Nss1	5270 MHz	18.01	18.97	21.53	21.59	Complies
		5310 MHz	14.92	16.14	18.58	21.59	Complies
		5510 MHz	16.56	17.72	20.19	21.59	Complies
		5550 MHz	17.78	18.87	21.37	21.59	Complies
	VHT40	5670 MHz	16.09	17.15	19.66	21.59	Complies
		5755 MHz	14.61	15.93	18.33	27.59	Complies
		5795 MHz	16.92	18.55	20.82	27.59	Complies
	802.11ac	5290 MHz	13.44	15.21	17.42	21.59	Complies
	MCS0/Nss1	5530 MHz	15.37	17.04	19.30	21.59	Complies
VHT80		5610 MHz	17.89	19.05	21.52	21.59	Complies
		5775 MHz	14.46	16.42	18.56	27.59	Complies

Note1: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.41\text{dBi} > 6\text{dBi}$, so the B2 B3 limit $24-(8.41-6)=21.59\text{dBm}$.

Note2: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.41\text{dBi} > 6\text{dBi}$, so the B4 limit $30-(8.41-6)=27.59\text{dBm}$.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11a	5720 MHz (UNII 2C)	15.85	17.58	19.81	21.59	Complies
	5720 MHz (UNII 3)	9.93	11.87	14.02	27.59	Complies
802.11ac	5720 MHz (UNII 2C)	15.69	17.70	19.82	21.59	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.77	11.99	14.03	27.59	Complies
802.11ac	5710 MHz (UNII 2C)	17.58	19.08	21.40	21.59	Complies
	5710 MHz (UNII 3)	6.90	8.81	10.97	27.59	Complies
802.11ac	5690 MHz (UNII 2C)	17.46	19.33	21.51	21.59	Complies
	5690 MHz (UNII 3)	2.83	5.48	7.36	27.59	Complies

Note1: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.41\text{dBi} > 6\text{dBi}$, so the limit $24-(8.41-6)=21.59\text{dBm}$.

Note2: $Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.41\text{dBi} > 6\text{dBi}$, so the limit $30-(8.41-6)=27.59\text{dBm}$.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5260 MHz	14.35	15.85	14.62	19.76	19.83	Complies
	5300 MHz	14.28	15.75	14.85	19.77	19.83	Complies
	5320 MHz	14.37	15.76	14.66	19.74	19.83	Complies
	5500 MHz	14.47	15.64	14.87	19.79	19.83	Complies
	5580 MHz	14.38	15.77	14.35	19.66	19.83	Complies
	5700 MHz	14.47	15.63	14.96	19.82	19.83	Complies
	5745 MHz	13.88	15.52	15.41	19.77	25.83	Complies
	5785 MHz	18.54	20.55	19.80	24.48	25.83	Complies
	5825 MHz	15.33	16.70	16.28	20.91	25.83	Complies
802.11ac	5260 MHz	14.36	15.89	14.61	19.78	19.83	Complies
	5300 MHz	14.29	15.79	14.89	19.81	19.83	Complies
	5320 MHz	14.39	15.77	14.69	19.76	19.83	Complies
	5500 MHz	14.49	15.68	14.88	19.82	19.83	Complies
	5580 MHz	14.52	15.85	14.56	19.79	19.83	Complies
	5700 MHz	14.48	15.64	14.96	19.82	19.83	Complies
	5745 MHz	13.89	15.53	15.43	19.78	25.83	Complies
	5785 MHz	18.61	20.53	19.84	24.50	25.83	Complies
	5825 MHz	15.36	16.71	16.26	20.92	25.83	Complies
MCS0/Nss1	5270 MHz	14.23	15.63	14.45	19.59	19.83	Complies
	5310 MHz	14.00	15.55	14.31	19.44	19.83	Complies
	5510 MHz	14.36	15.66	14.86	19.76	19.83	Complies
	5550 MHz	14.39	15.64	14.82	19.75	19.83	Complies
	5670 MHz	14.45	15.80	14.79	19.82	19.83	Complies
	5755 MHz	14.24	15.89	15.86	20.17	25.83	Complies
	5795 MHz	15.66	17.37	16.74	21.42	25.83	Complies
	5290 MHz	12.45	14.38	13.15	18.17	19.83	Complies
	5530 MHz	13.55	14.81	14.39	19.05	19.83	Complies
VHT20	5610 MHz	14.38	15.82	14.49	19.72	19.83	Complies
	5775 MHz	12.88	14.88	15.00	19.13	25.83	Complies
802.11ac	5290 MHz	12.45	14.38	13.15	18.17	19.83	Complies
	5530 MHz	13.55	14.81	14.39	19.05	19.83	Complies
	5610 MHz	14.38	15.82	14.49	19.72	19.83	Complies
	5775 MHz	12.88	14.88	15.00	19.13	25.83	Complies
MCS0/Nss1	5270 MHz	14.23	15.63	14.45	19.59	19.83	Complies
	5310 MHz	14.00	15.55	14.31	19.44	19.83	Complies
	5510 MHz	14.36	15.66	14.86	19.76	19.83	Complies
	5550 MHz	14.39	15.64	14.82	19.75	19.83	Complies
VHT40	5670 MHz	14.45	15.80	14.79	19.82	19.83	Complies
	5755 MHz	14.24	15.89	15.86	20.17	25.83	Complies
	5795 MHz	15.66	17.37	16.74	21.42	25.83	Complies
	5290 MHz	12.45	14.38	13.15	18.17	19.83	Complies
VHT80	5530 MHz	13.55	14.81	14.39	19.05	19.83	Complies
	5610 MHz	14.38	15.82	14.49	19.72	19.83	Complies
	5775 MHz	12.88	14.88	15.00	19.13	25.83	Complies
	5270 MHz	14.23	15.63	14.45	19.59	19.83	Complies

Note1:

$$Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.17\text{dBi} > 6\text{dBi}, \text{ so the B2 B3 limit } 24-(10.17-6)=19.83\text{dBm.}$$

Note2:

$$Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.17\text{dBi} > 6\text{dBi}, \text{ so the B4 limit } 30-(10.17-6)=25.83\text{dBm.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11a	5720 MHz (UNII 2C)	11.64	13.64	12.67	17.50	19.83	Complies
	5720 MHz (UNII 3)	5.14	7.09	6.59	11.12	25.83	Complies
802.11ac	5720 MHz (UNII 2C)	11.59	13.40	12.57	17.35	19.83	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	5.53	7.64	6.92	11.55	25.83	Complies
802.11ac	5710 MHz (UNII 2C)	14.19	15.69	14.94	19.75	19.83	Complies
	5710 MHz (UNII 3)	3.22	5.28	4.51	9.19	25.83	Complies
802.11ac	5690 MHz (UNII 2C)	13.94	15.82	15.16	19.81	19.83	Complies
	5690 MHz (UNII 3)	-0.98	1.74	0.62	5.37	25.83	Complies

Note1:

$$Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.17\text{dBi} > 6\text{dBi}, \text{ so the limit } 24-(10.17-6)=19.83\text{dBm.}$$

Note2:

$$Directional\ lGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.17\text{dBi} > 6\text{dBi}, \text{ so the limit } 30-(10.17-6)=25.83\text{dBm.}$$



<For STBC Mode>

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 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	16.85	17.63	20.27	25.30	Complies
	5200 MHz	21.33	21.67	24.51	25.30	Complies
	5240 MHz	19.78	20.45	23.14	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.18	16.68	19.45	25.30	Complies
	5230 MHz	19.48	19.89	22.70	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	14.26	15.83	18.13	25.30	Complies

Note: Antenna gai=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.89	17.71	16.51	21.84	25.30	Complies
	5200 MHz	19.33	19.54	19.03	24.08	25.30	Complies
	5240 MHz	19.14	19.38	18.91	23.92	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	15.09	15.64	14.27	19.81	25.30	Complies
	5230 MHz	18.64	19.13	18.43	23.51	25.30	Complies
	5210 MHz	14.37	15.19	14.11	19.35	25.30	Complies

Note: Antenna gain=10.70dBi >6dBi, so the B1 limit 30-(10.70-6)=25.30dBm.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	19.61	19.91	22.77	30.00	Complies
	5200 MHz	21.33	21.67	24.51	30.00	Complies
	5240 MHz	21.11	21.55	24.35	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.85	17.62	20.26	30.00	Complies
	5230 MHz	21.43	21.62	24.54	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5210 MHz	15.71	17.19	19.52	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	19.48	19.92	19.18	24.31	30.00	Complies
	5200 MHz	19.59	20.09	19.41	24.48	30.00	Complies
	5240 MHz	19.64	20.11	19.48	24.52	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.67	16.98	16.16	21.39	30.00	Complies
	5230 MHz	19.77	20.07	19.55	24.57	30.00	Complies
	5210 MHz	15.73	16.63	15.67	20.80	30.00	Complies

Note: Antenna gain=5.40dBi <6dBi, so the B1 limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 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	9.58	11.12	13.43	25.30	Complies
	5200 MHz	10.16	11.03	13.63	25.30	Complies
	5240 MHz	10.11	10.98	13.58	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	9.87	11.20	13.60	25.30	Complies
	5230 MHz	9.99	11.13	13.61	25.30	Complies
	5210 MHz	10.05	11.18	13.66	25.30	Complies

Note: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}$, so the B1 limit $30 - (10.70 - 6) = 25.30 \text{dBm}$.

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	8.47	9.68	8.33	13.64	25.30	Complies
	5200 MHz	8.37	9.62	8.45	13.62	25.30	Complies
	5240 MHz	8.59	9.31	8.66	13.64	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	8.49	9.47	8.17	13.52	25.30	Complies
	5230 MHz	8.36	9.47	8.38	13.54	25.30	Complies
	5210 MHz	8.25	9.79	8.42	13.65	25.30	Complies

Note: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}$, so the B1 limit $30 - (10.70 - 6) = 25.30 \text{dBm}$.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.37	16.88	19.64	30.00	Complies
	5200 MHz	16.38	16.89	19.65	30.00	Complies
	5240 MHz	16.33	16.81	19.59	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	16.23	17.02	19.65	30.00	Complies
	5230 MHz	16.22	16.98	19.63	30.00	Complies
	5210 MHz	15.71	17.19	19.52	30.00	Complies

Note: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}$, so the limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	14.80	15.19	14.06	19.48	30.00	Complies
	5200 MHz	14.72	15.55	14.09	19.60	30.00	Complies
	5240 MHz	14.81	15.11	14.22	19.50	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	14.94	15.32	14.33	19.65	30.00	Complies
	5230 MHz	14.89	15.18	14.55	19.65	30.00	Complies
	5210 MHz	14.59	15.37	14.64	19.65	30.00	Complies

Note: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}$, so the limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5180 MHz	13.02	14.23	16.68	30.00	Complies
	5200 MHz	13.13	14.06	16.63	30.00	Complies
	5240 MHz	13.15	14.06	16.64	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	13.18	13.89	16.56	30.00	Complies
	5230 MHz	13.13	14.15	16.68	30.00	Complies
	5210 MHz	12.74	14.12	16.49	30.00	Complies

Note: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.10 \text{dBi} < 6 \text{dBi}$, so the limit doesn't reduce.



Temperature	23°C	Humidity	61%
Test Engineer	Kenneth Huang	Test Date	Sep. 07, 2015
Test Mode	Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5180 MHz	11.83	12.67	11.06	16.67	30.00	Complies
MCS0/Nss1	5200 MHz	12.02	12.56	11.01	16.68	30.00	Complies
VHT20	5240 MHz	12.09	12.23	11.36	16.68	30.00	Complies
802.11ac	5190 MHz	11.86	12.57	11.22	16.69	30.00	Complies
MCS0/Nss1	5230 MHz	11.93	12.46	11.23	16.67	30.00	Complies
802.11ac	5210 MHz	11.64	12.53	11.44	16.67	30.00	Complies
MCS0/Nss1							
VHT80							

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{\text{SS}}} \left\{ \sum_{k=1}^{N_{\text{ANT}}} g_{j,k} \right\}^2}{N_{\text{ANT}}} \right] = 5.10 \text{dBi} < 6 \text{dBi}, \text{ so the limit doesn't reduce.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)		

For indoor / outdoor use

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	15.49	16.94	19.29	19.30	Complies
	5300 MHz	15.22	17.05	19.24	19.30	Complies
	5320 MHz	15.28	16.82	19.13	19.30	Complies
	5500 MHz	15.38	16.95	19.25	19.30	Complies
	5580 MHz	15.66	16.81	19.28	19.30	Complies
	5700 MHz	14.31	15.79	18.12	19.30	Complies
	5745 MHz	14.35	15.81	18.15	25.30	Complies
	5785 MHz	19.52	21.43	23.59	25.30	Complies
	5825 MHz	14.53	15.92	18.29	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	15.44	16.77	19.17	19.30	Complies
	5310 MHz	13.54	15.33	17.54	19.30	Complies
	5510 MHz	14.54	16.33	18.54	19.30	Complies
	5550 MHz	15.44	16.74	19.15	19.30	Complies
	5670 MHz	15.33	16.06	18.72	19.30	Complies
	5755 MHz	12.89	15.56	17.44	25.30	Complies
	5795 MHz	14.56	17.12	19.04	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.22	14.22	16.34	19.30	Complies
	5530 MHz	13.69	15.45	17.67	19.30	Complies
	5610 MHz	15.15	16.39	18.82	19.30	Complies
	5775 MHz	11.53	13.93	15.90	25.30	Complies

Note1:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B2 B3 limit } 24 - (10.70 - 6) = 19.30 \text{dBm}.$$

Note2:

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B4 limit } 30 - (10.70 - 6) = 25.30 \text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	13.45	15.60	17.67	18.14	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	7.46	9.79	11.79	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	14.99	16.76	18.97	19.30	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	4.03	6.49	8.44	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	14.79	17.26	19.21	19.30	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-0.52	3.17	4.72	25.30	Complies

(UNII 2C)

Note1:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the limit } 24 - (10.70 - 6) = 19.30 \text{dBm.}$$

Note2: 5720 MHz limit = $11 + 10 \log(15.26) = 22.84 \text{dBm} < 24 \text{dBm}$, so limit = $22.84 - (10.70 - 6) = 18.14 \text{dBm}$.

(UNII 3)

Note1:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the limit } 30 - (10.70 - 6) = 25.30 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	14.02	15.53	13.67	19.26	19.30	Complies
	5300 MHz	13.66	15.47	14.20	19.28	19.30	Complies
	5320 MHz	13.41	15.61	14.04	19.23	19.30	Complies
	5500 MHz	13.61	15.37	14.37	19.28	19.30	Complies
	5580 MHz	13.93	15.54	13.82	19.28	19.30	Complies
	5700 MHz	12.79	14.86	13.87	18.69	19.30	Complies
	5745 MHz	12.63	14.81	14.59	18.89	25.30	Complies
	5785 MHz	16.45	18.22	17.96	22.38	25.30	Complies
	5825 MHz	13.49	15.57	14.89	19.50	25.30	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	14.05	15.31	14.03	19.28	19.30	Complies
	5310 MHz	13.43	15.33	13.97	19.09	19.30	Complies
	5510 MHz	13.99	15.04	14.43	19.28	19.30	Complies
	5550 MHz	14.18	15.19	14.11	19.29	19.30	Complies
	5670 MHz	14.19	15.15	14.01	19.25	19.30	Complies
	5755 MHz	12.22	14.43	14.10	18.46	25.30	Complies
	5795 MHz	14.56	16.44	15.77	20.43	25.30	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	13.25	14.38	13.33	18.46	19.30	Complies
	5530 MHz	12.90	14.55	13.61	18.51	19.30	Complies
	5610 MHz	13.91	15.44	14.02	19.29	19.30	Complies
	5775 MHz	11.76	14.22	14.94	18.61	25.30	Complies

Note1:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B2 B3 limit } 24 - (10.70 - 6) = 19.30 \text{dBm.}$$

Note2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the B4 limit } 30 - (10.70 - 6) = 25.30 \text{dBm.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	10.15	12.80	12.46	16.72	18.12	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	3.68	7.12	7.03	10.98	25.30	Complies
802.11ac	5710 MHz (UNII 2C)	12.99	15.07	14.71	19.12	19.30	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	1.66	4.80	4.37	8.59	25.30	Complies
802.11ac	5690 MHz (UNII 2C)	12.99	15.13	14.99	19.24	19.30	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-2.16	1.03	0.52	4.78	25.30	Complies

(UNII 2C)

Note1:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the limit } 24 - (10.70 - 6) = 19.30 \text{dBm.}$$

Note2: 5720 MHz limit = 11 + 10 log(15.20) = 22.82 dBm < 24 dBm, so limit = 22.82 - (10.70 - 6) = 18.12 dBm.

(UNII 3)

Note1:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 10.70 \text{dBi} > 6 \text{dBi}, \text{ so the limit } 30 - (10.70 - 6) = 25.30 \text{dBm.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	20.11	20.99	23.58	24.00	Complies
	5300 MHz	19.10	20.32	22.76	24.00	Complies
	5320 MHz	18.86	19.84	22.39	24.00	Complies
	5500 MHz	18.84	19.88	22.40	24.00	Complies
	5580 MHz	19.66	20.73	23.24	24.00	Complies
	5700 MHz	15.85	17.41	19.71	24.00	Complies
	5745 MHz	16.72	18.13	20.49	30.00	Complies
	5785 MHz	20.21	21.89	24.14	30.00	Complies
	5825 MHz	17.18	19.03	21.21	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	19.42	20.17	22.82	24.00	Complies
	5310 MHz	14.79	16.18	18.55	24.00	Complies
	5510 MHz	16.41	17.81	20.18	24.00	Complies
	5550 MHz	20.09	20.96	23.56	24.00	Complies
	5670 MHz	17.34	18.37	20.90	24.00	Complies
	5755 MHz	15.63	17.22	19.51	30.00	Complies
	5795 MHz	16.83	18.62	20.83	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	13.75	15.63	17.80	24.00	Complies
	5530 MHz	15.47	17.12	19.38	24.00	Complies
	5610 MHz	18.17	19.42	21.85	24.00	Complies
	5775 MHz	14.28	16.45	18.51	30.00	Complies

Note:
$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}, \text{ so the limit doesn't reduce.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	18.46	20.05	22.34	24.00	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	12.62	14.33	16.57	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	18.52	20.04	22.36	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.95	10.07	12.15	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	18.50	20.38	22.55	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	4.05	6.81	8.66	30.00	Complies

Note:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}, \text{ so the limit doesn't reduce.}$$

Temperature	23°C	Humidity	61%
Test Engineer	Nick Peng	Test Date	Jul. 22, 2015 ~ Aug. 27, 2015
Test Mode	Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	18.78	19.35	18.27	23.59	24.00	Complies
	5300 MHz	17.96	19.29	18.50	23.39	24.00	Complies
	5320 MHz	18.19	18.97	18.81	23.44	24.00	Complies
	5500 MHz	17.48	18.86	17.92	22.90	24.00	Complies
	5580 MHz	18.32	19.78	18.84	23.79	24.00	Complies
	5700 MHz	15.37	17.07	16.48	21.13	24.00	Complies
	5745 MHz	15.84	17.49	17.37	21.73	30.00	Complies
	5785 MHz	18.61	20.51	19.40	24.35	30.00	Complies
	5825 MHz	17.48	18.44	17.83	22.71	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.39	19.21	18.41	23.46	24.00	Complies
	5310 MHz	14.38	15.45	14.68	19.63	24.00	Complies
	5510 MHz	14.84	16.20	15.64	20.37	24.00	Complies
	5550 MHz	18.20	19.71	18.89	23.75	24.00	Complies
	5670 MHz	16.71	18.26	17.72	22.38	24.00	Complies
	5755 MHz	14.82	16.38	16.41	20.70	30.00	Complies
	5795 MHz	16.29	17.55	17.51	21.93	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	13.56	14.53	13.79	18.75	24.00	Complies
	5530 MHz	13.62	15.67	14.70	19.51	24.00	Complies
	5610 MHz	17.22	18.86	18.03	22.86	24.00	Complies
	5775 MHz	13.72	15.35	15.78	19.81	30.00	Complies

Note:
$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}, \text{ so the limit doesn't reduce.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	17.15	18.94	18.81	23.14	24.00	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	11.02	13.23	13.63	17.54	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	17.81	19.46	19.47	23.75	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.06	9.25	9.55	13.52	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	17.46	19.11	19.69	23.62	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.13	5.39	5.61	9.62	30.00	Complies

Note:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.40 \text{dBi} < 6 \text{dBi}, \text{ so the limit doesn't reduce.}$$

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

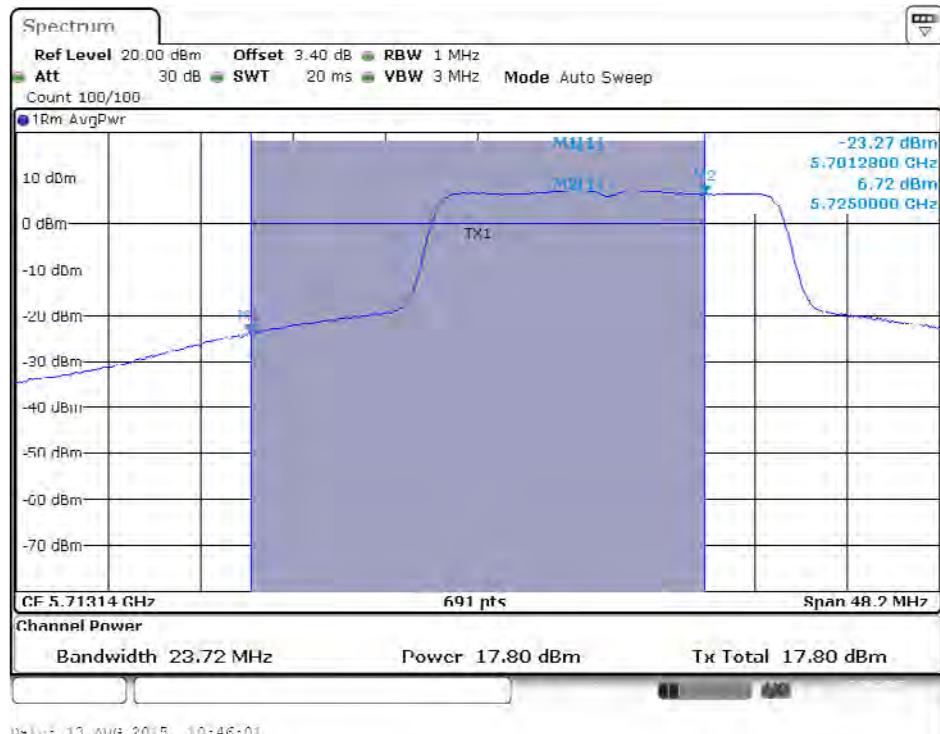
For plots, only the channel with worse result was shown.

<For Non-Beamforming Mode>

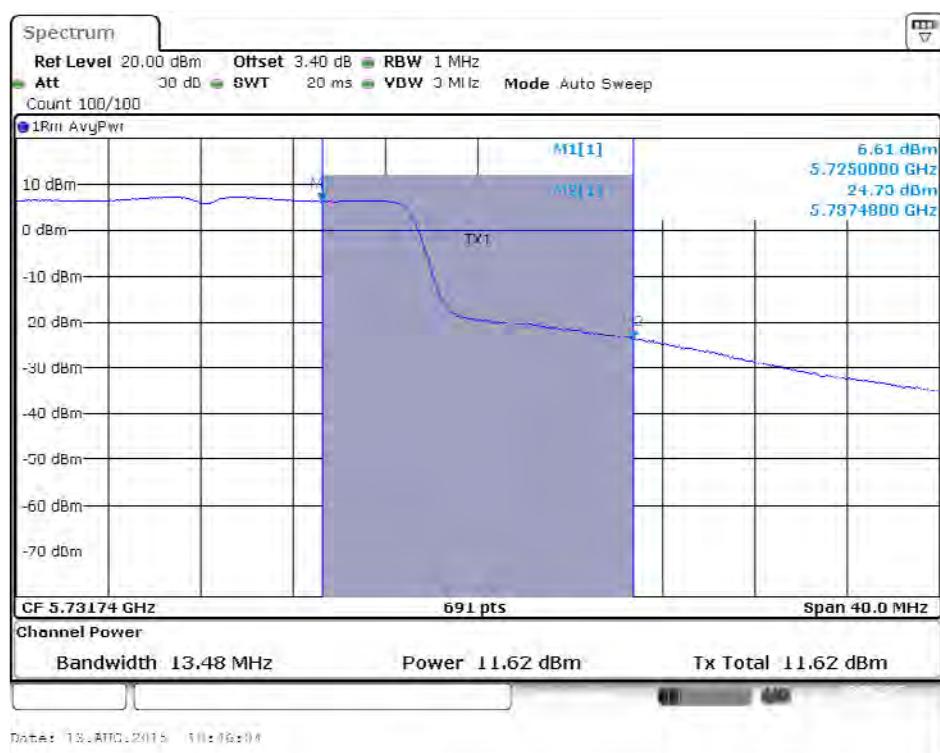
Straddle Channel: indoor / outdoor use

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 1TX)

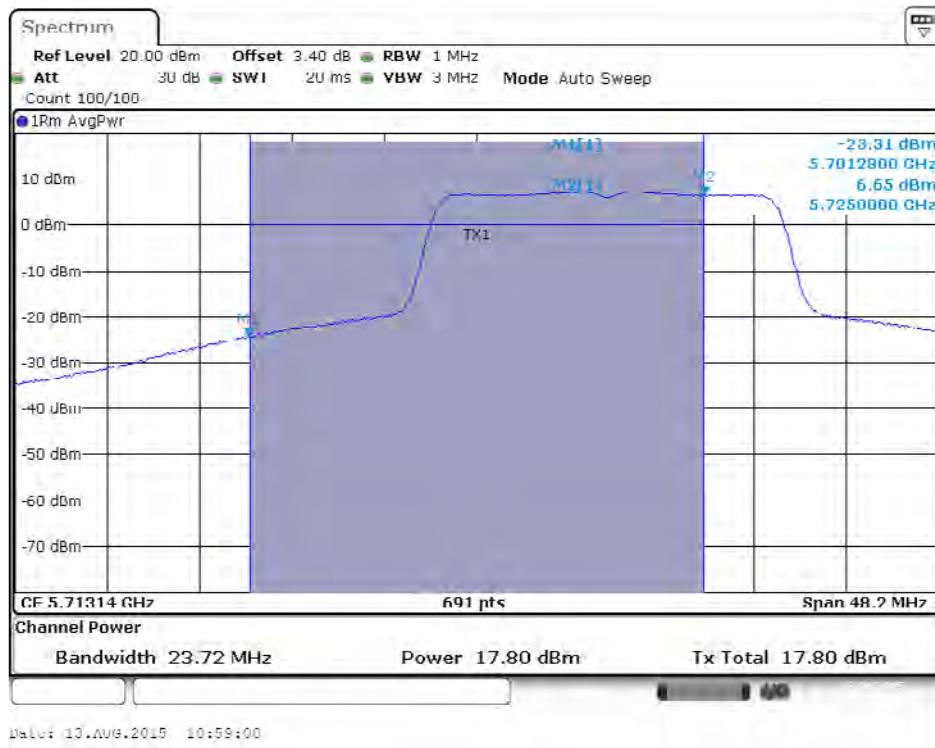
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



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



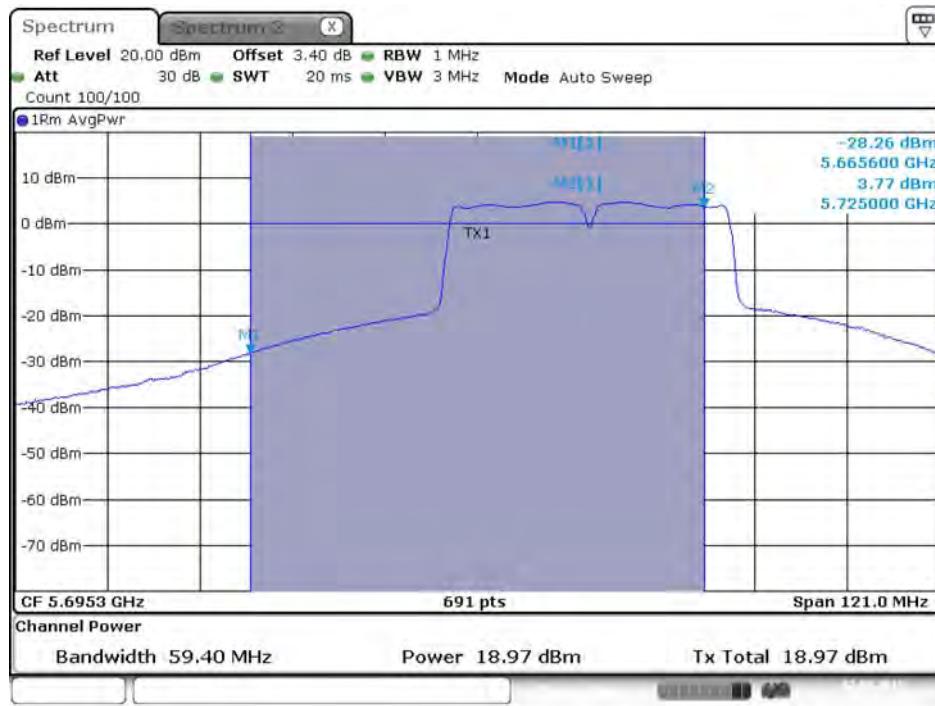
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 2C)



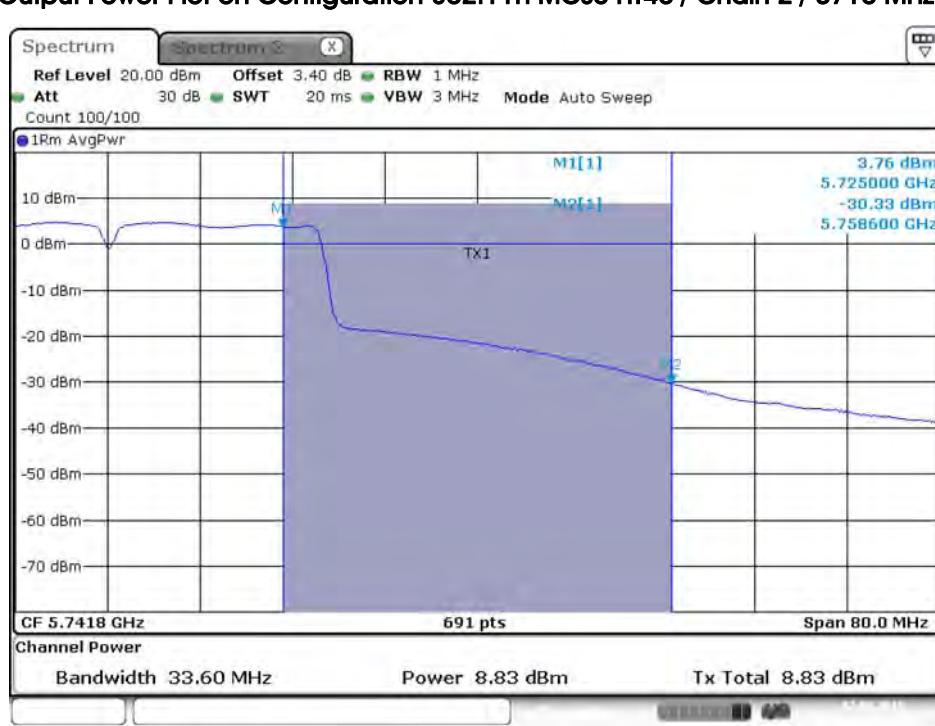
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 3)



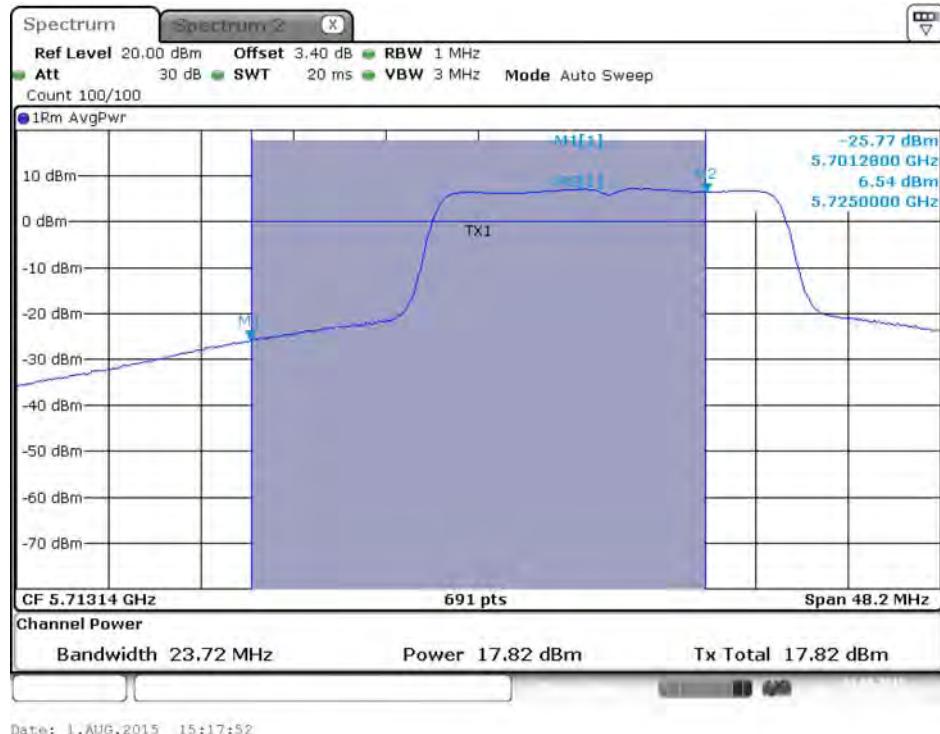
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 2C)



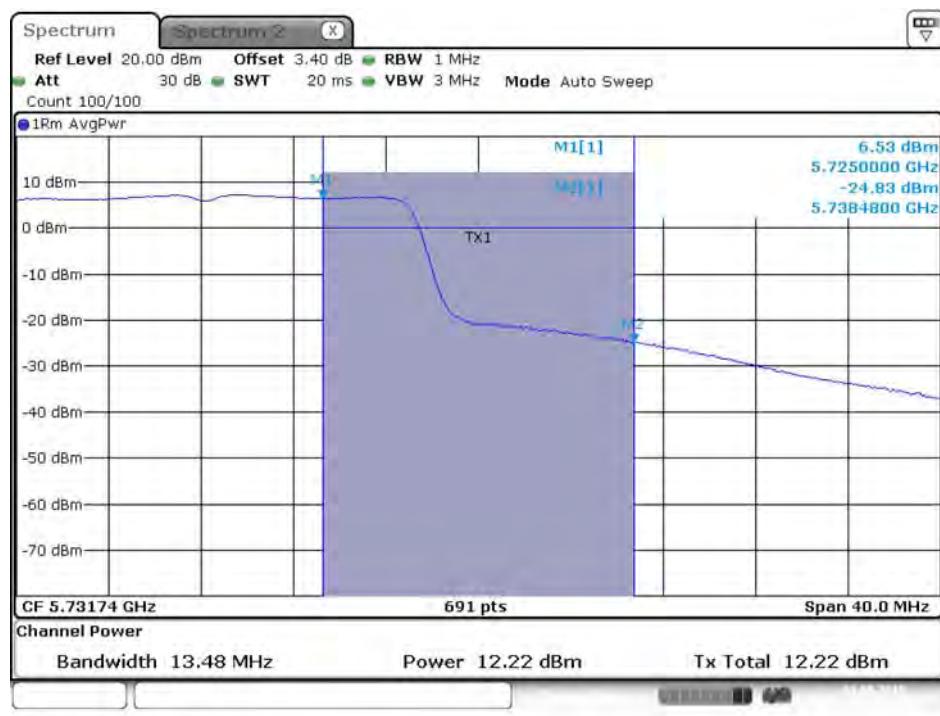
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 3)



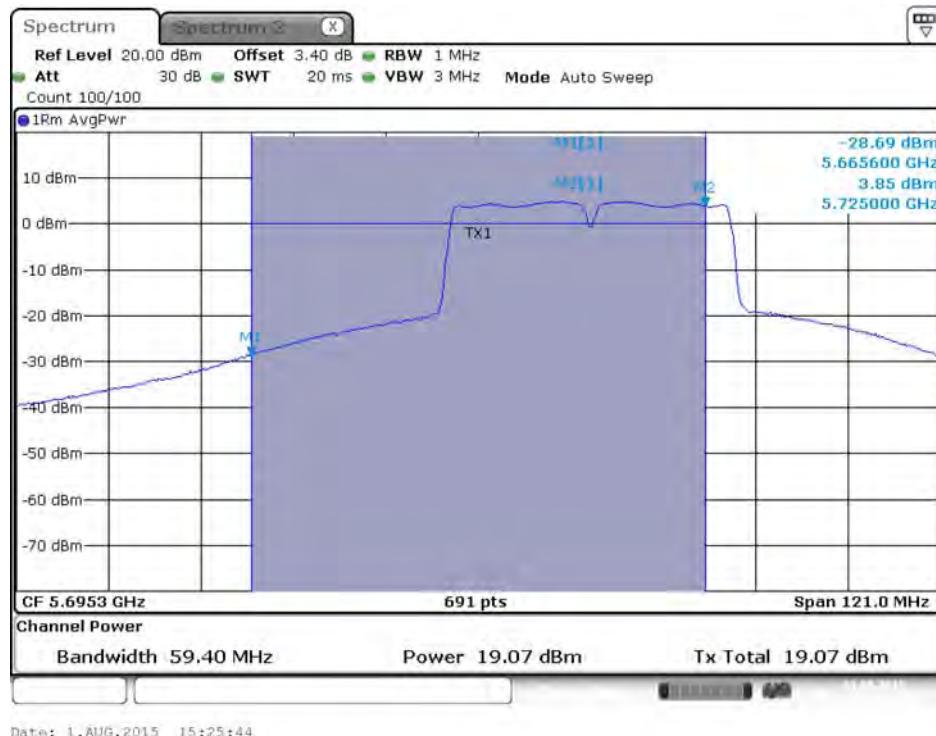
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



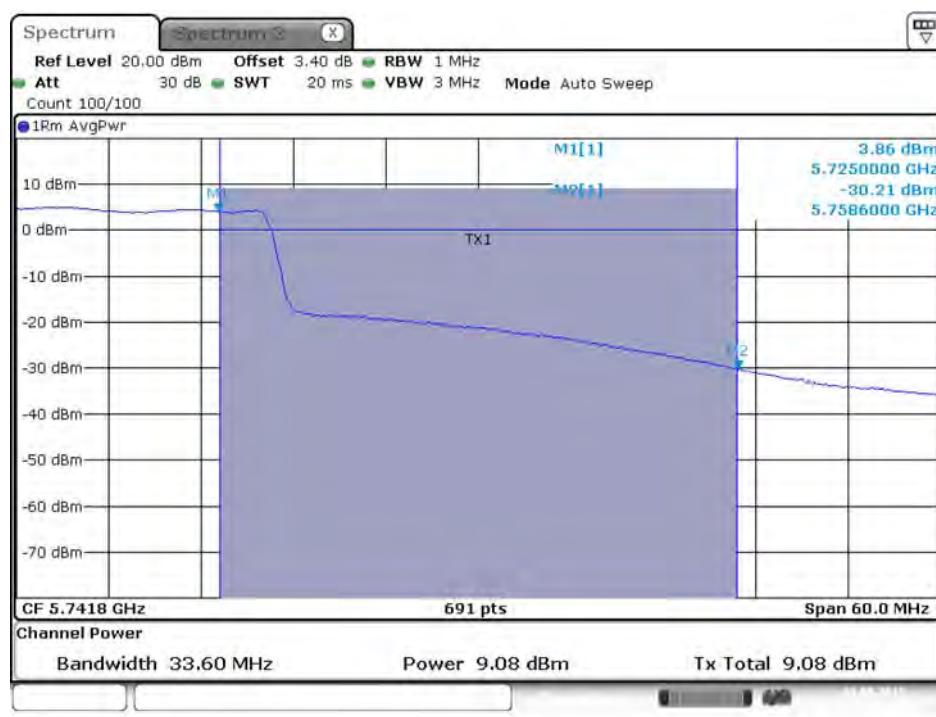
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



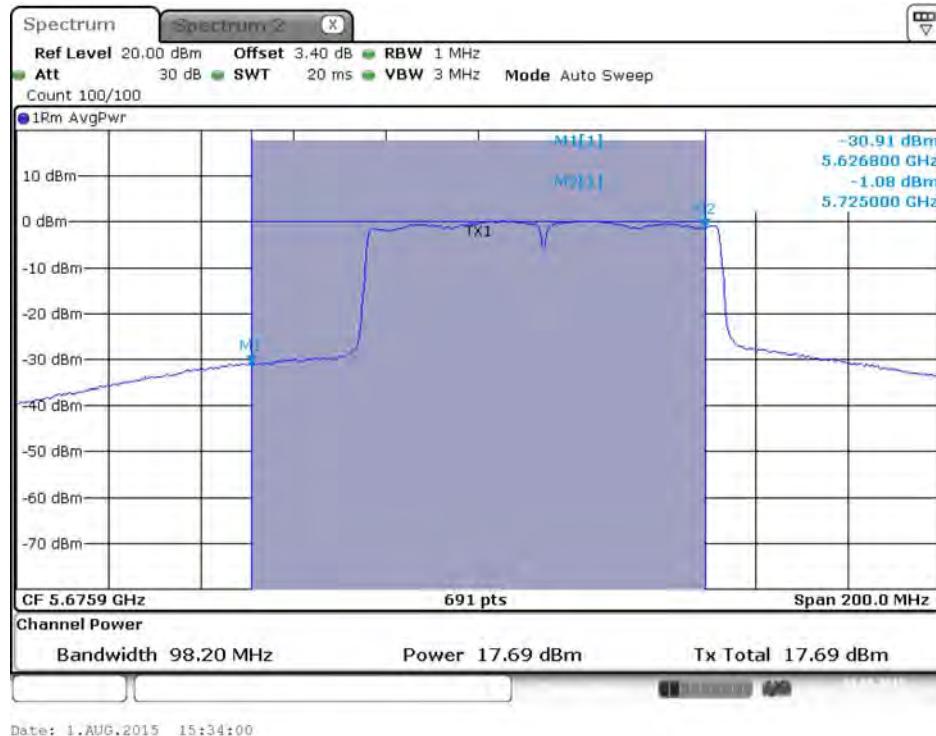
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



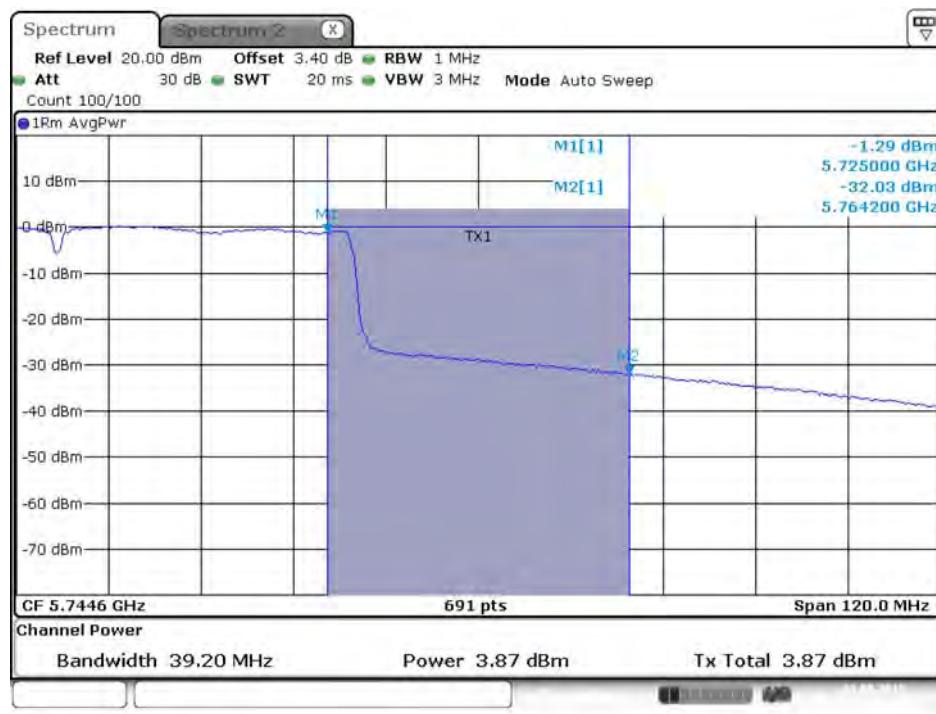
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)

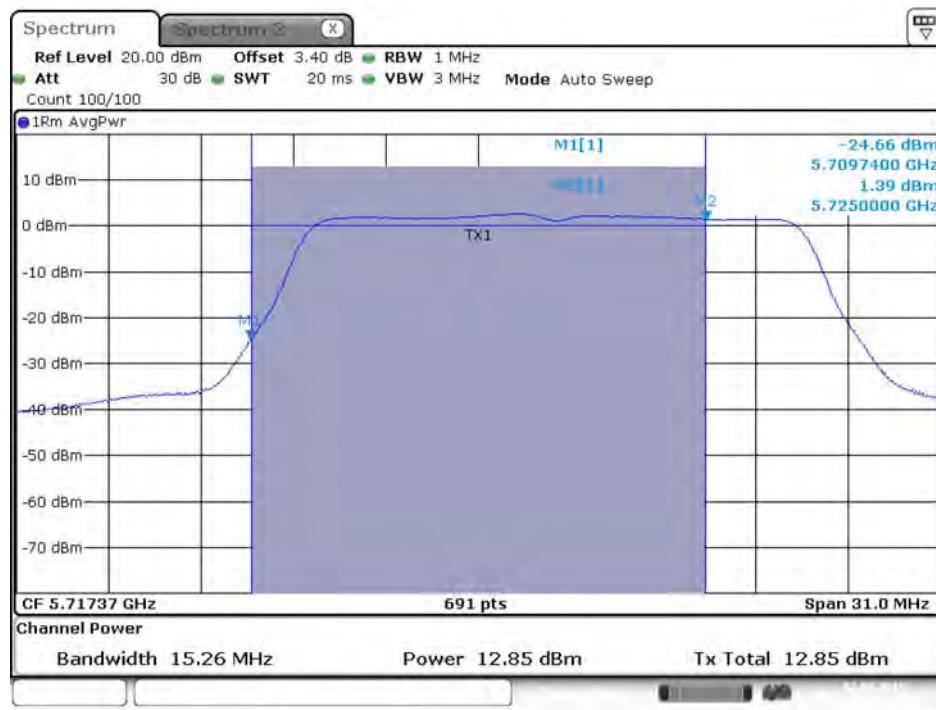


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

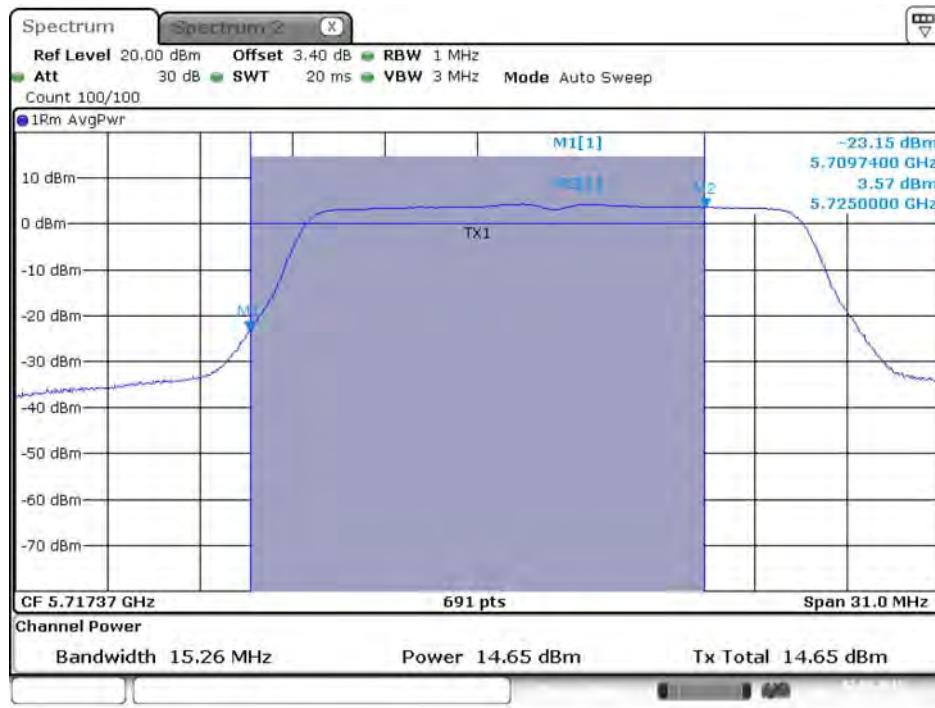


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)

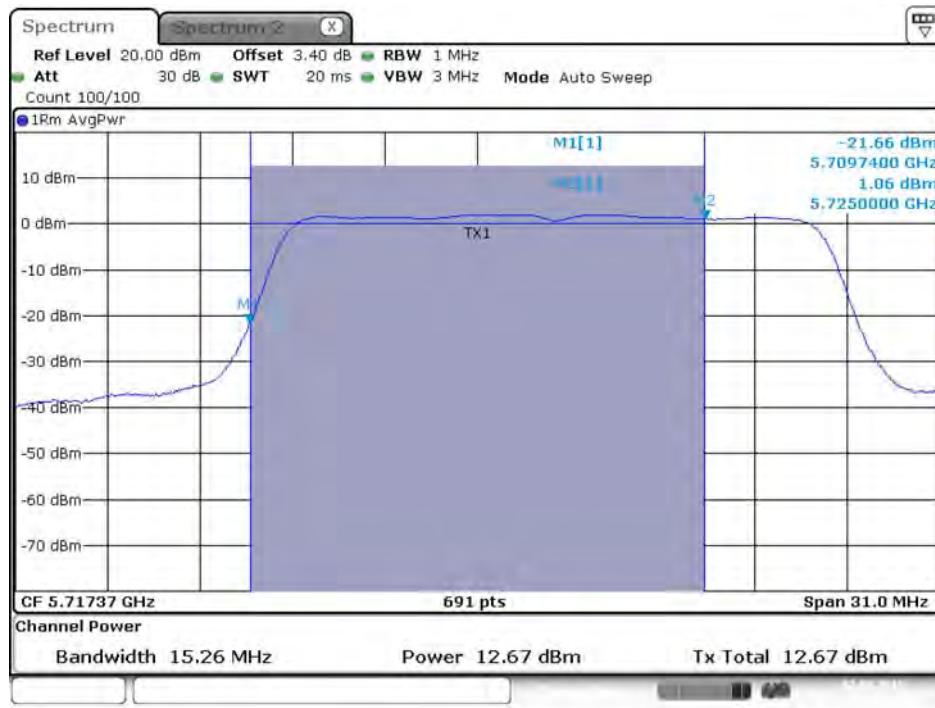

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



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



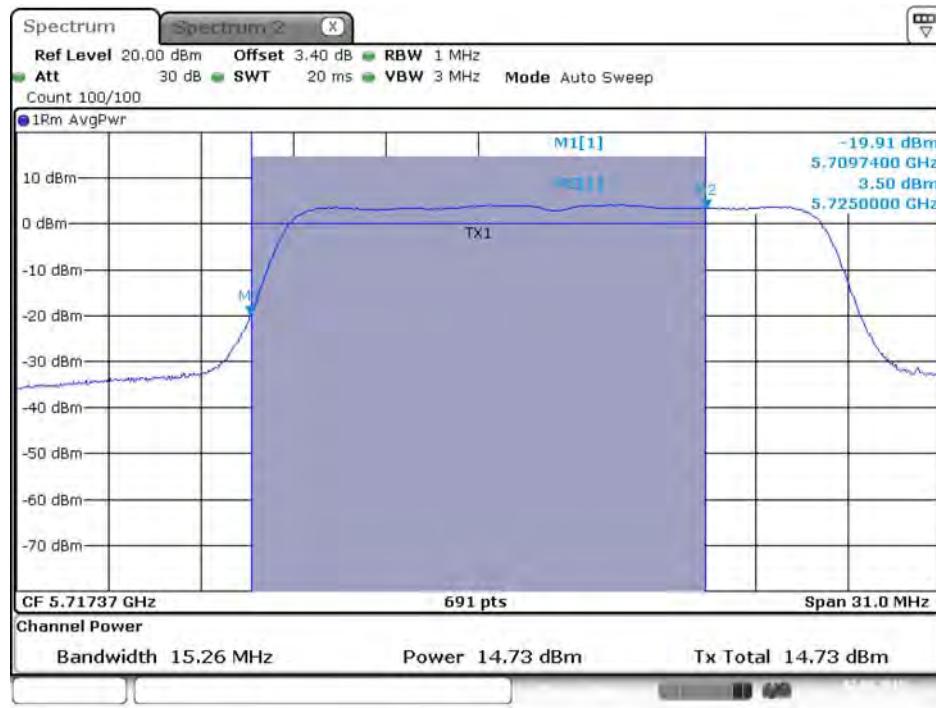
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 2C)



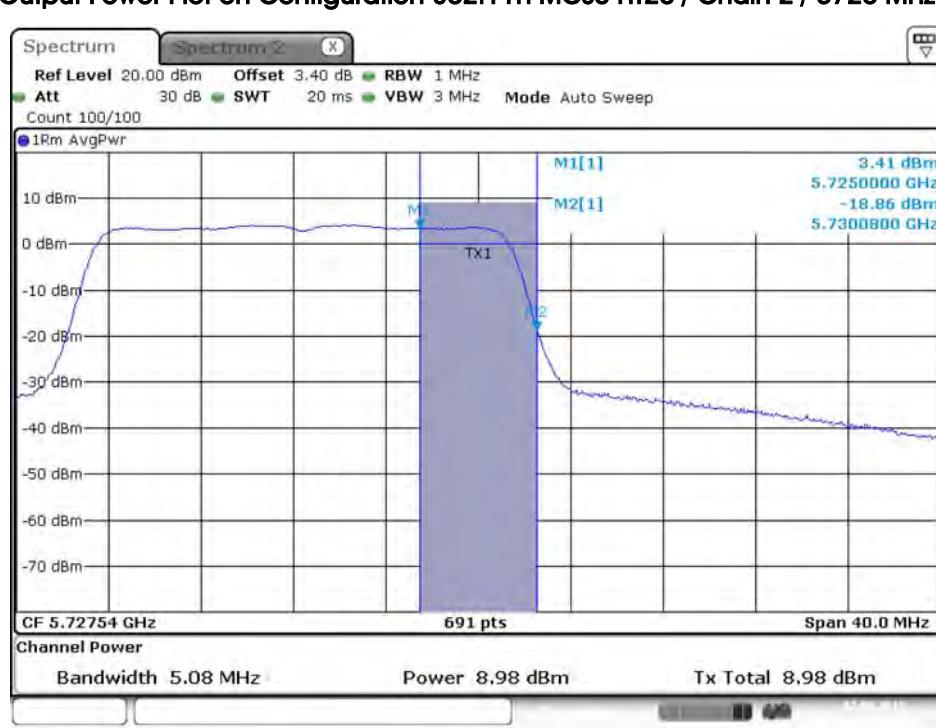
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 3)



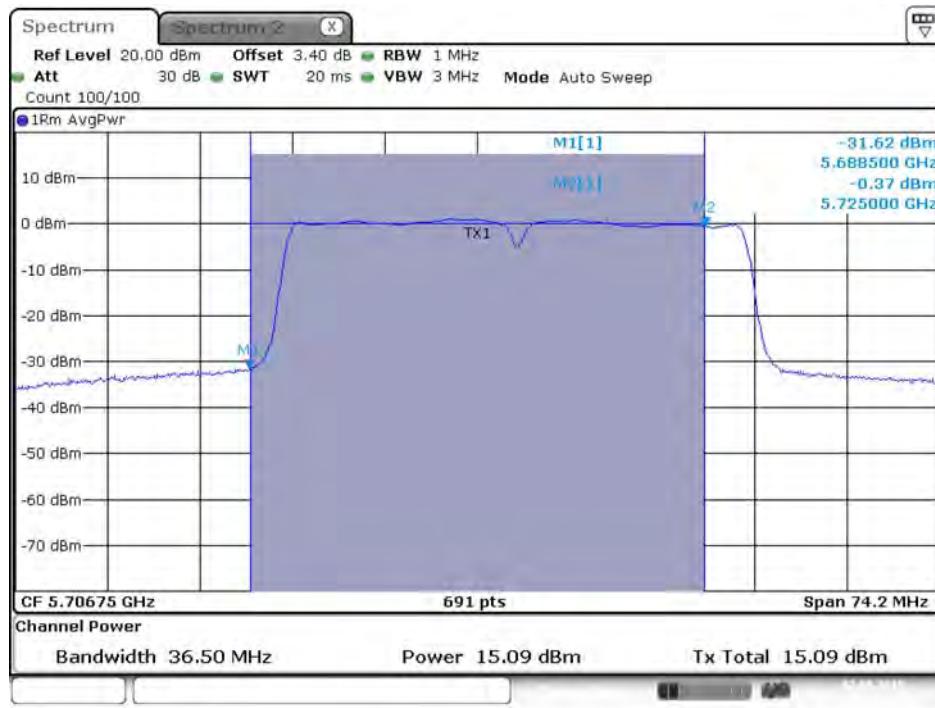
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 2C)



Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 3)



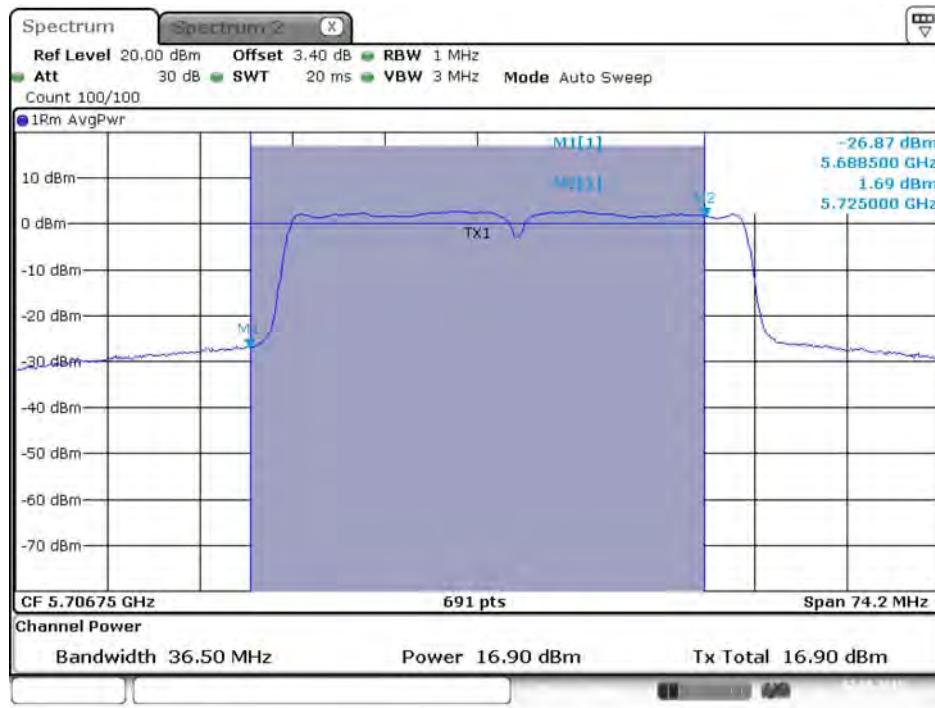
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 2C)



Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 3)



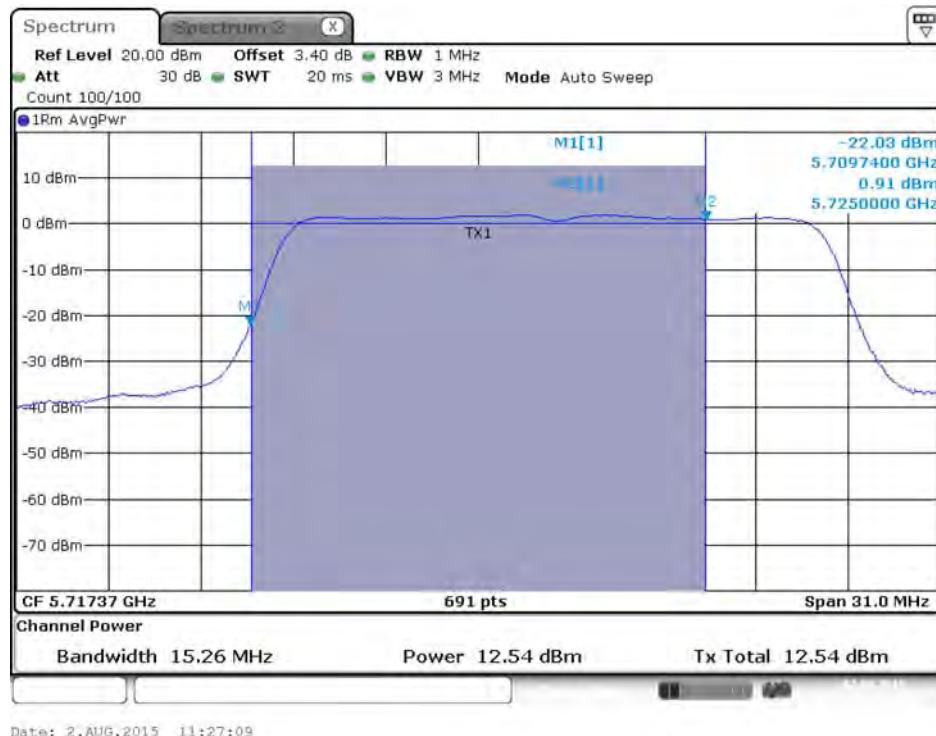
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 2C)



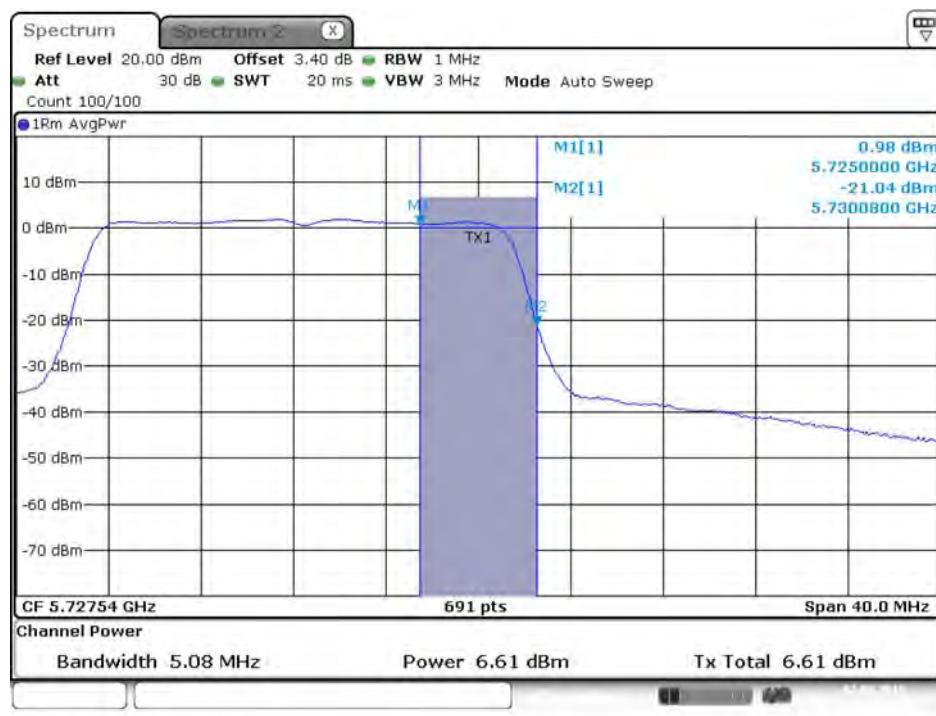
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 3)



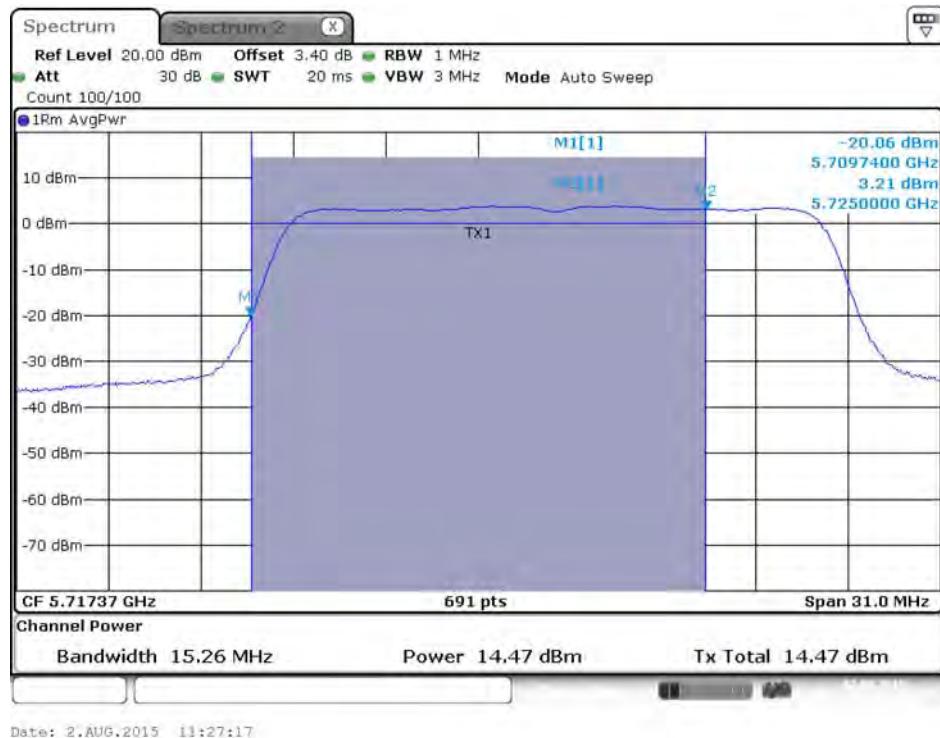
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



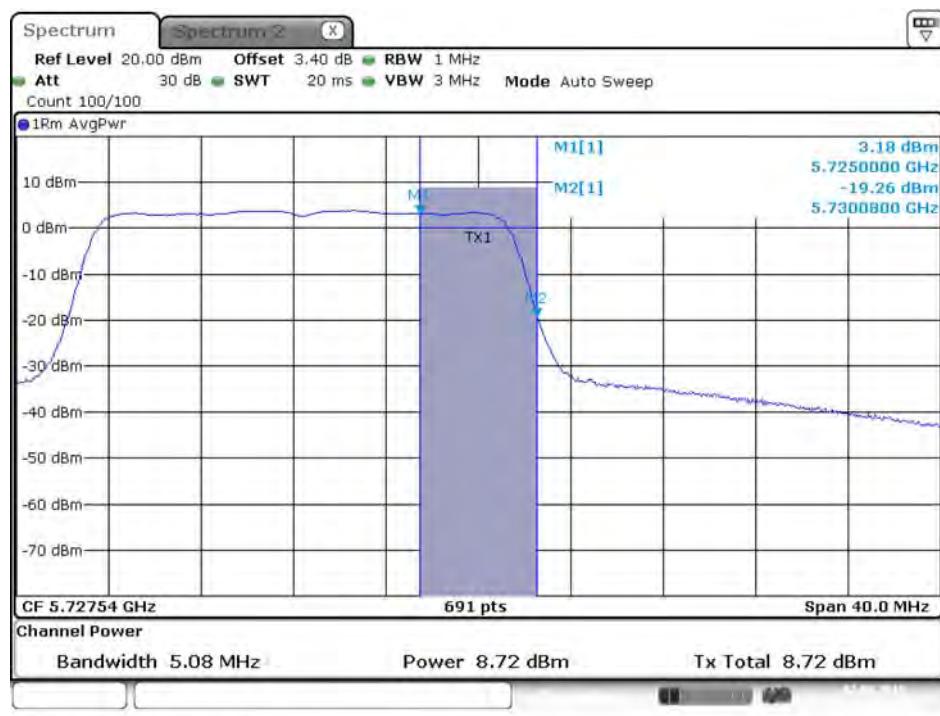
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



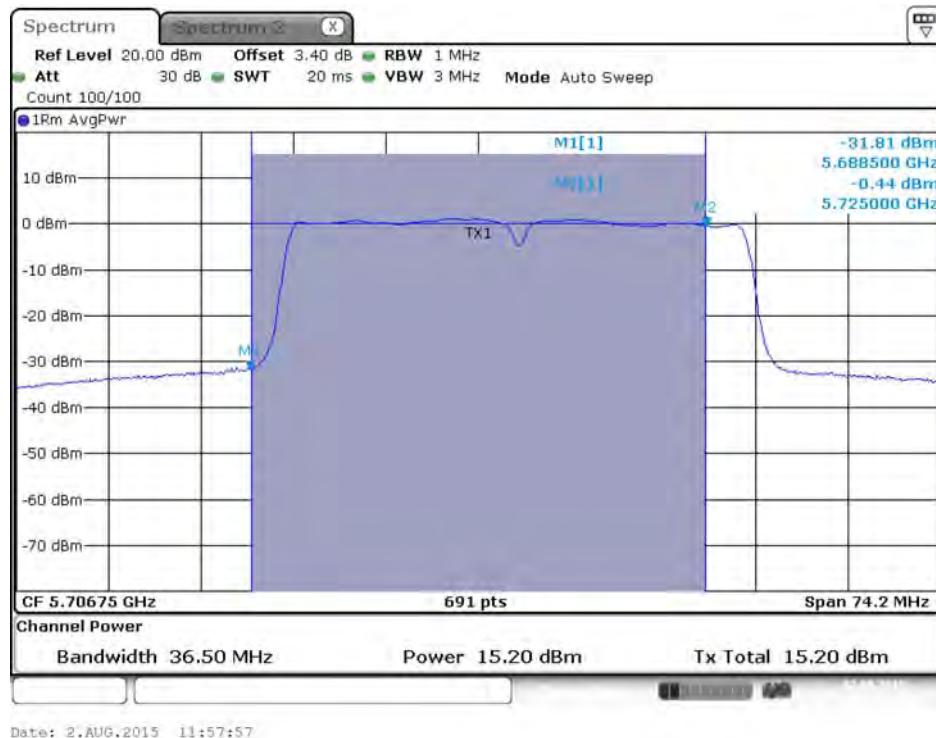
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



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



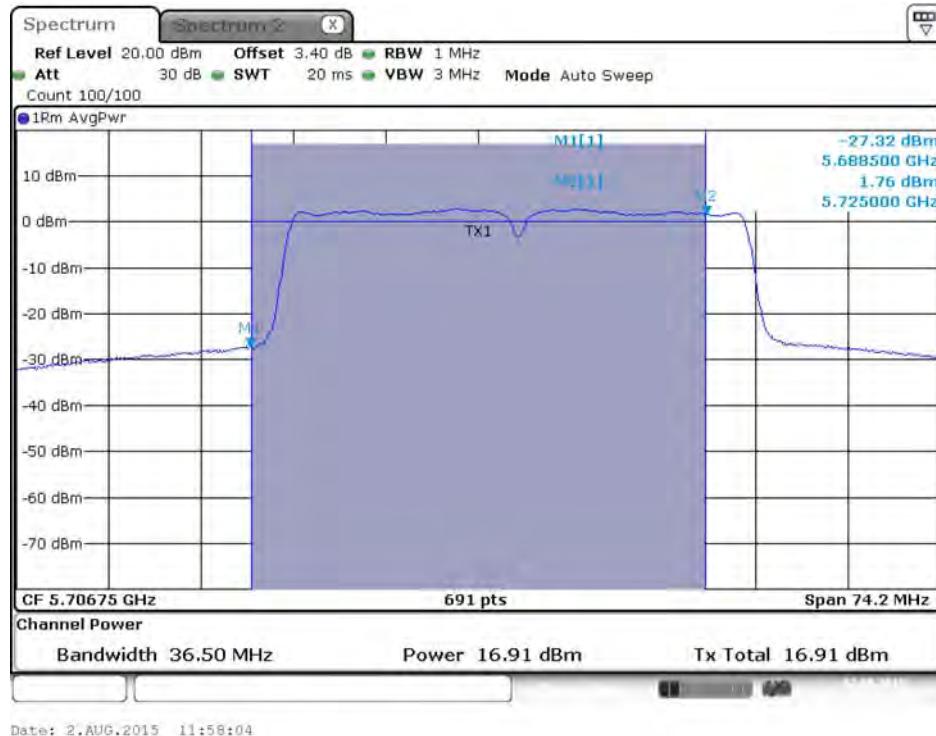
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



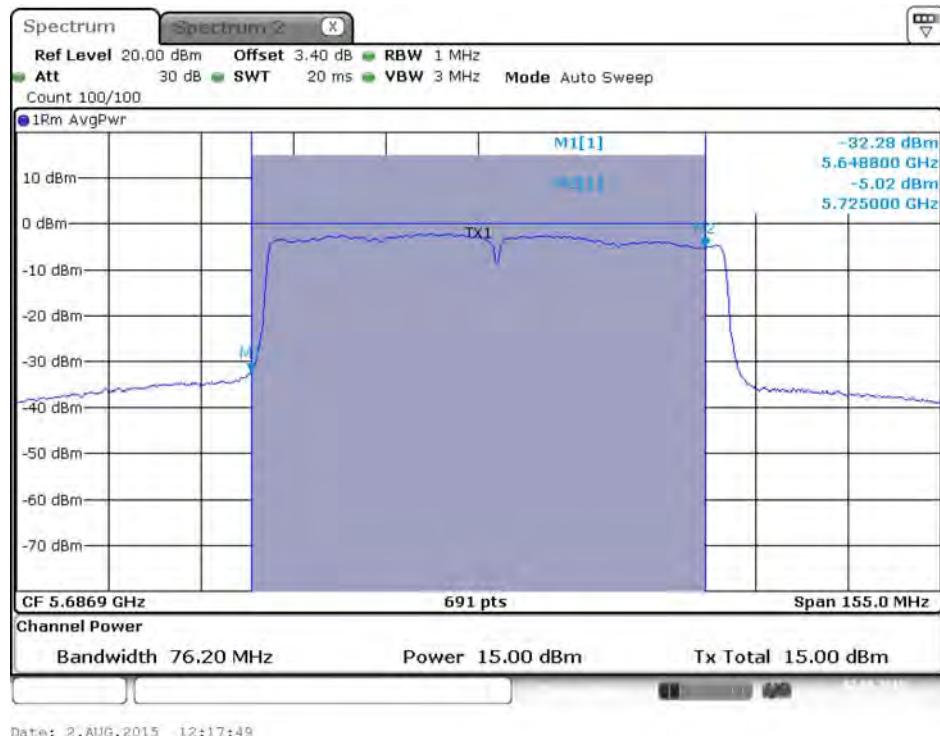
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



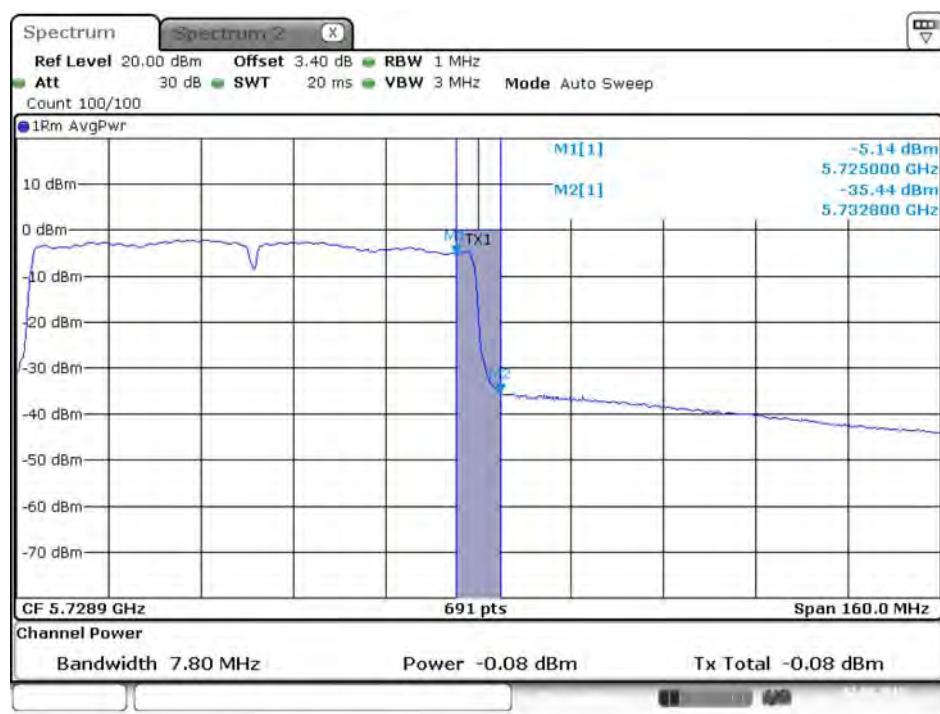
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



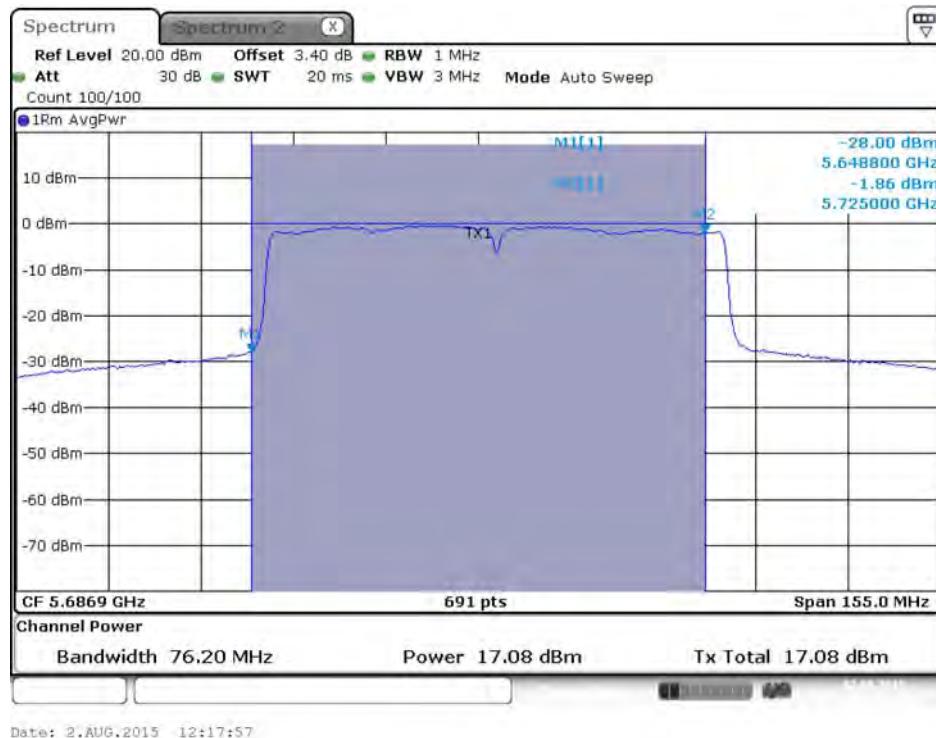
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



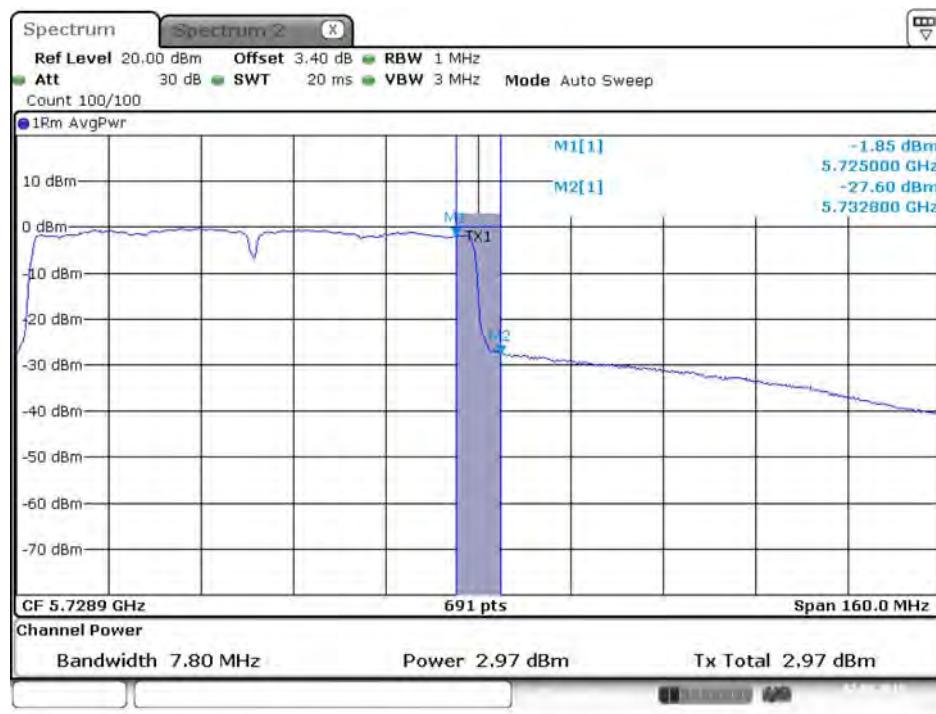
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)

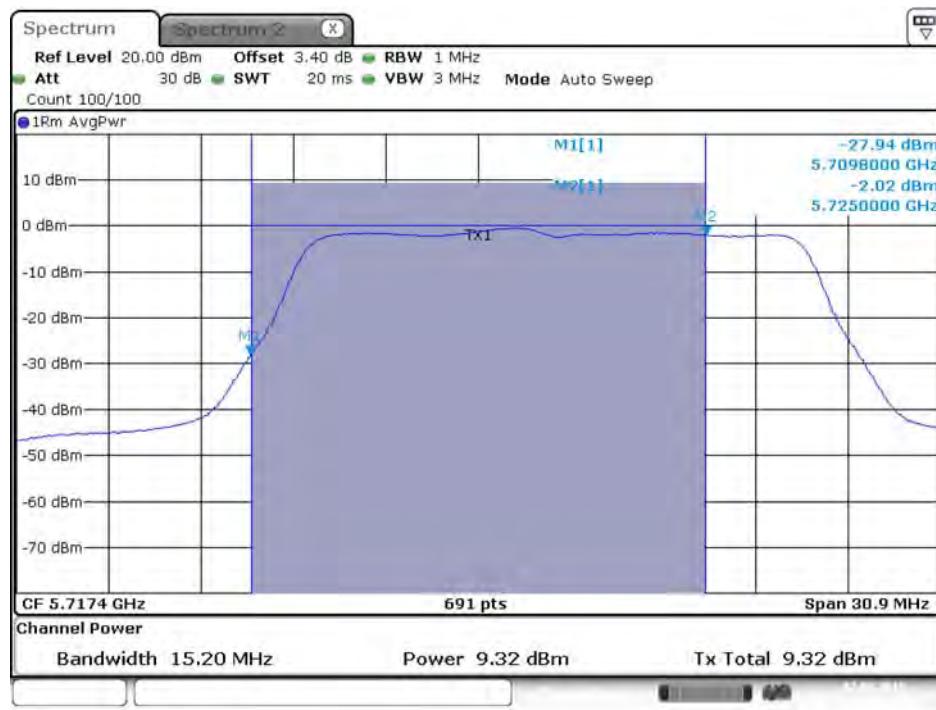
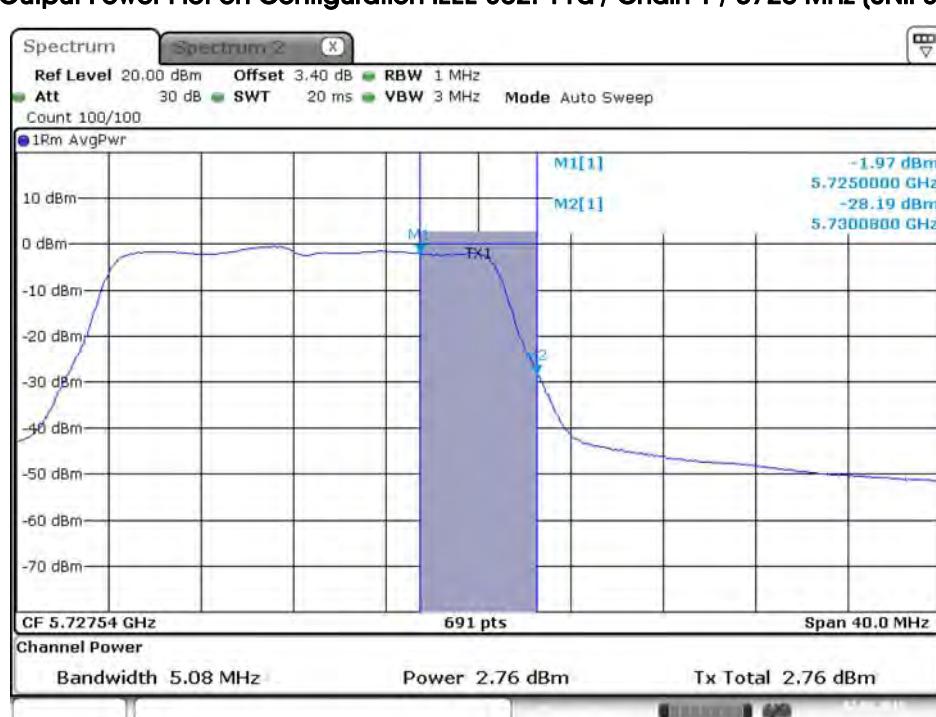


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

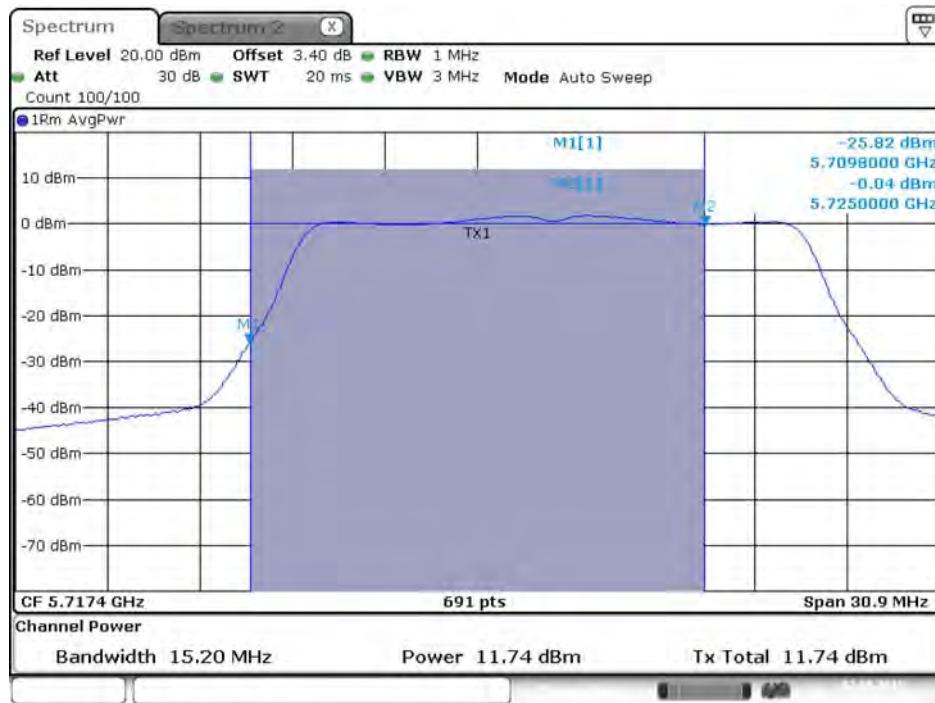


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

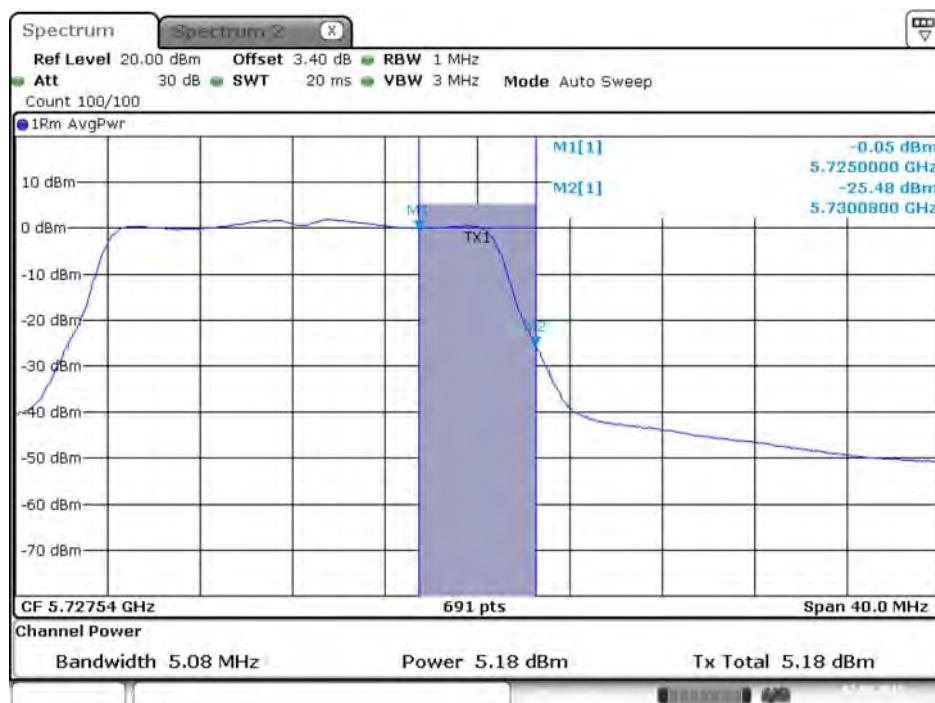


Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)


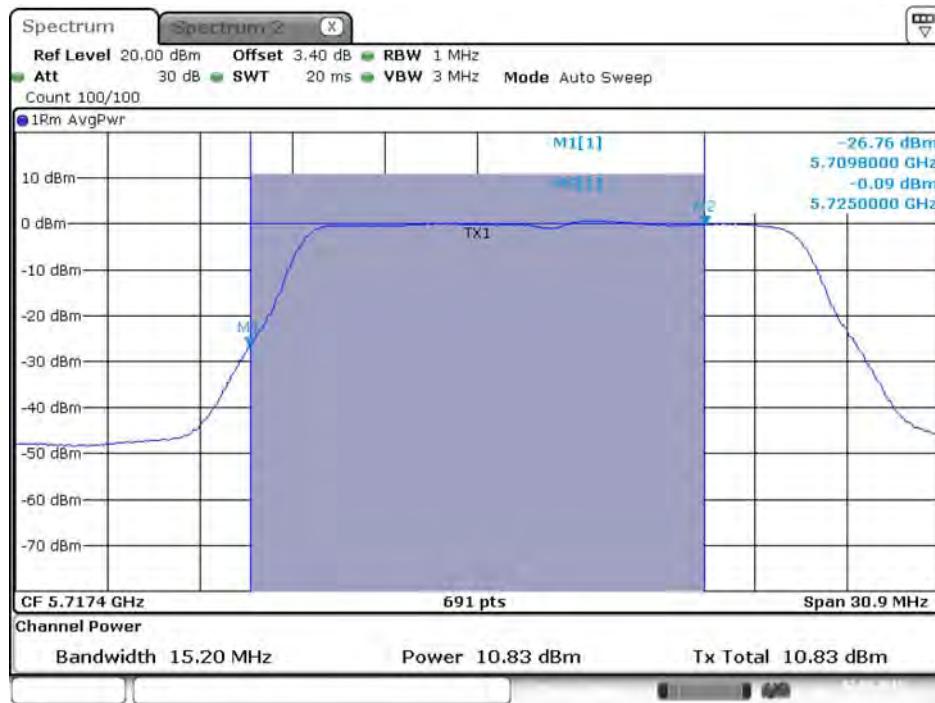
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



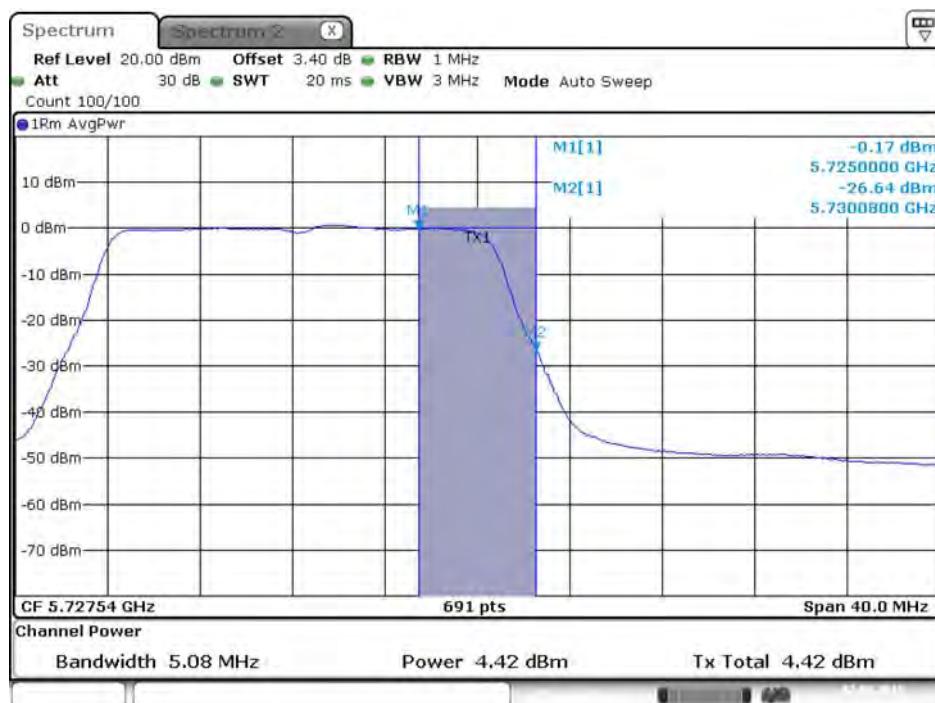
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 3)



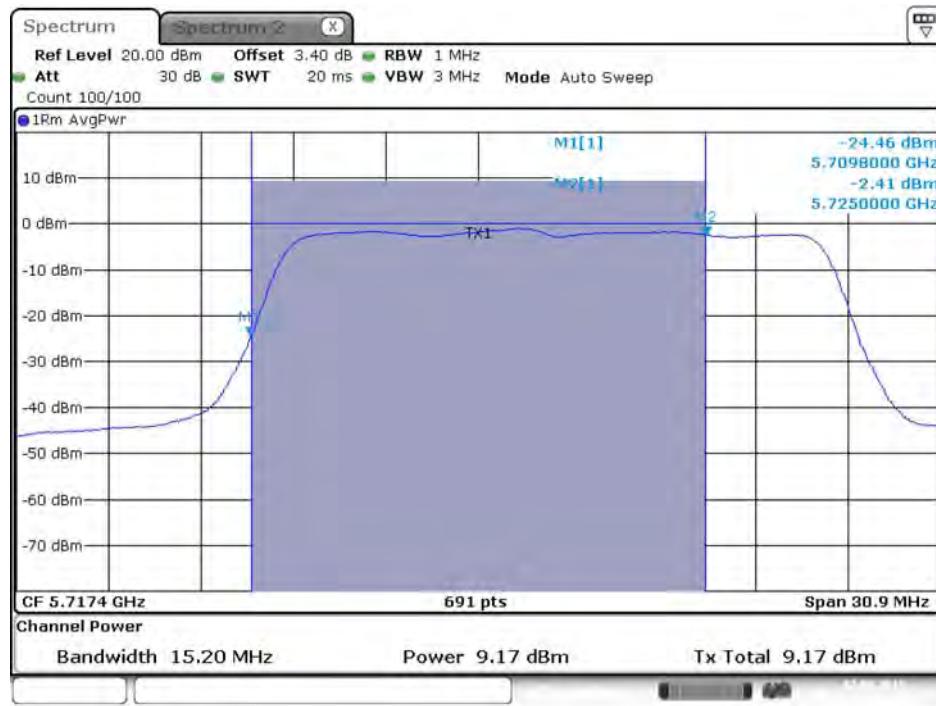
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



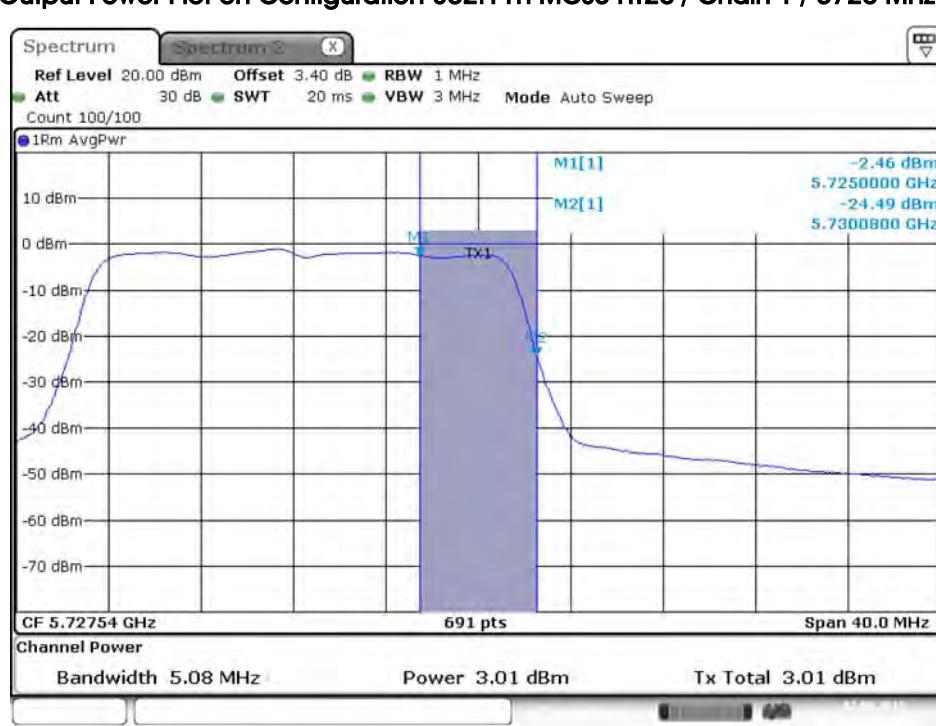
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 3)



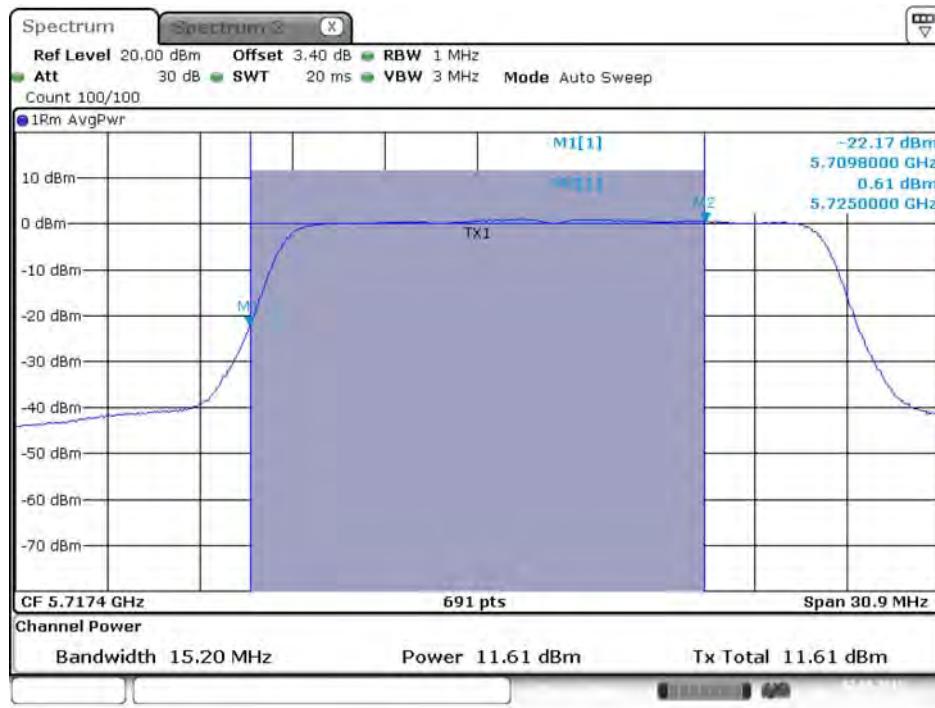
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 2C)



Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 3)



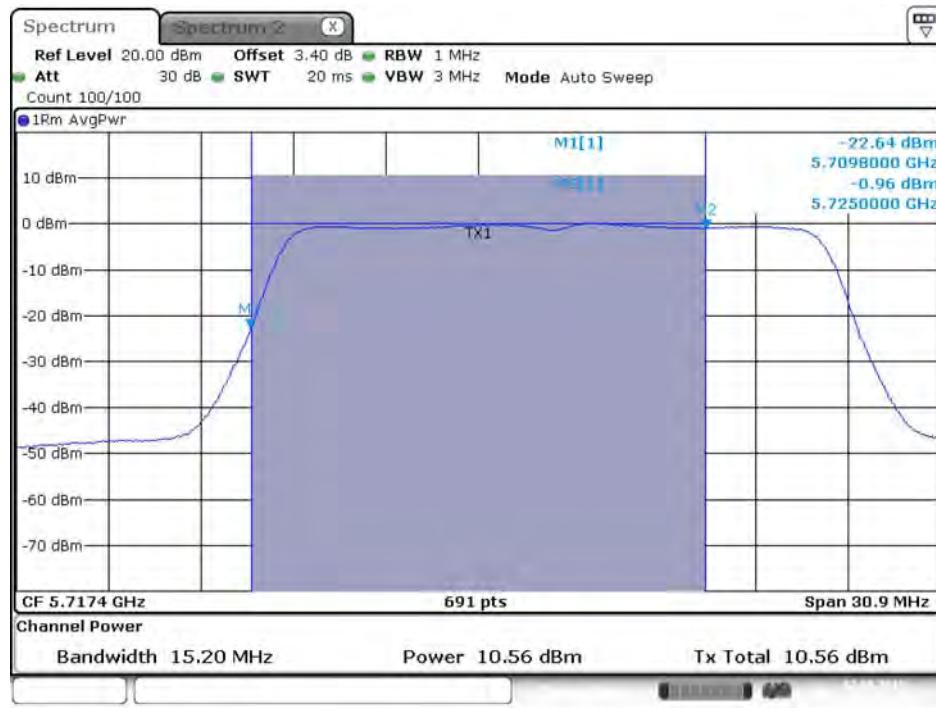
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 2C)



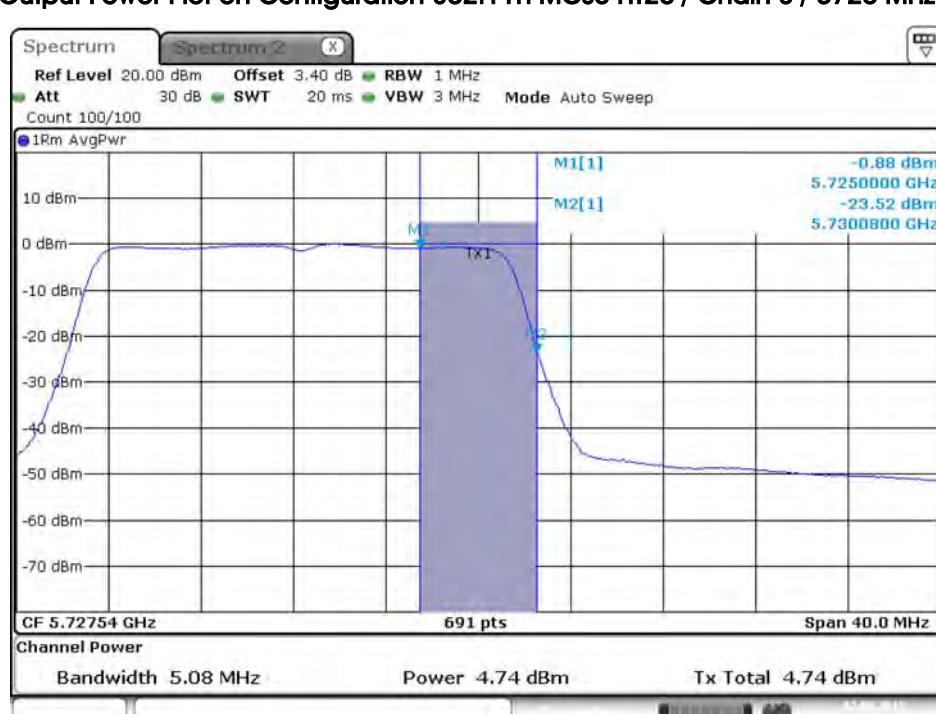
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 3)

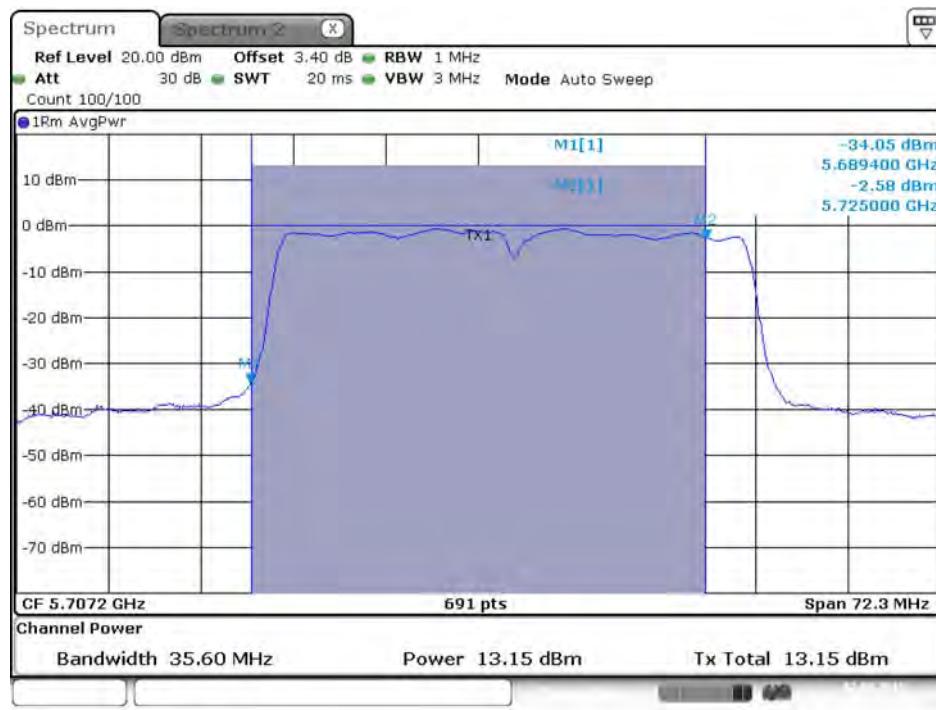
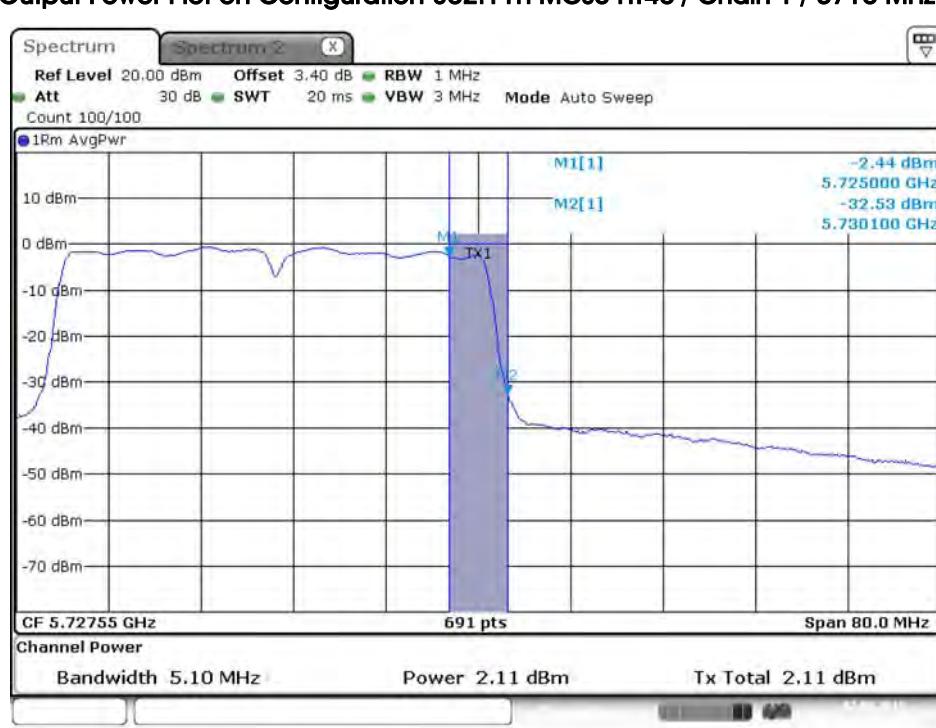


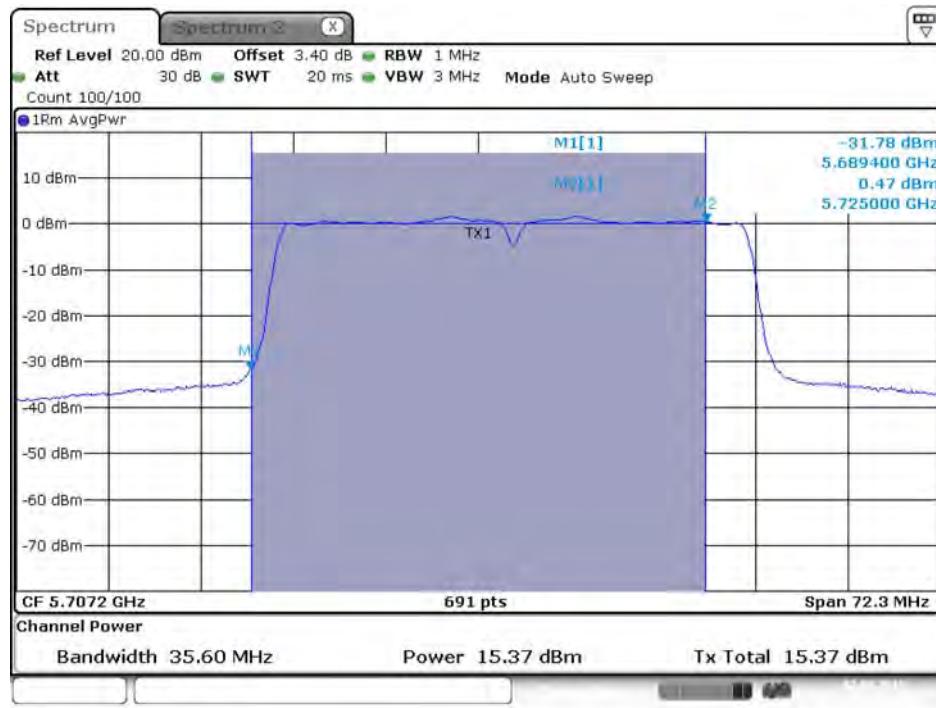
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 3 / 5720 MHz (UNII 2C)



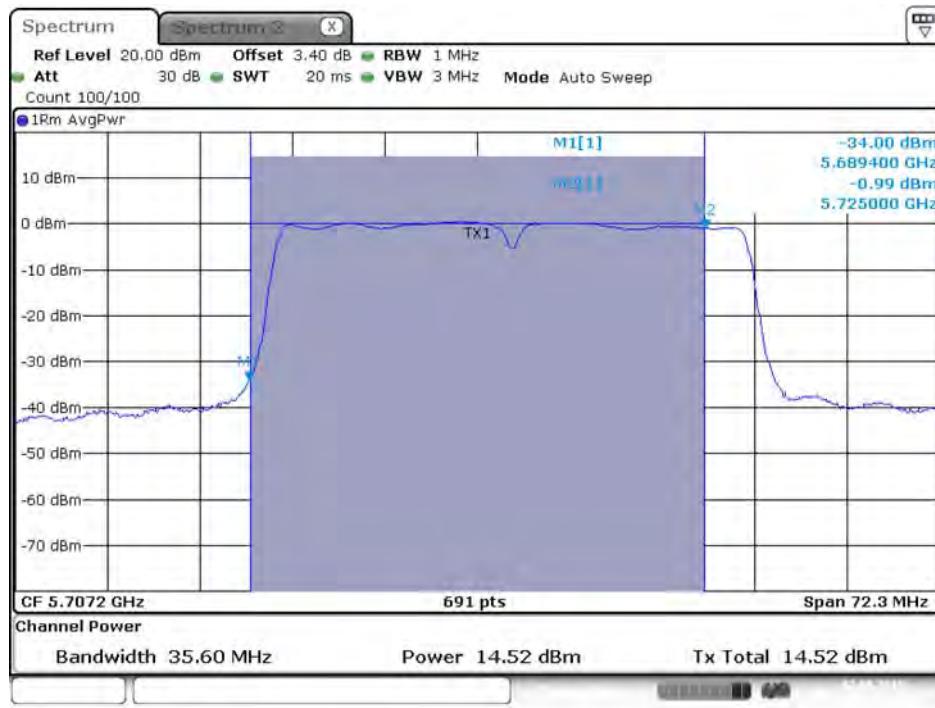
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 3 / 5720 MHz (UNII 3)



Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 2C)

Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 3)


Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 2C)

Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 3)

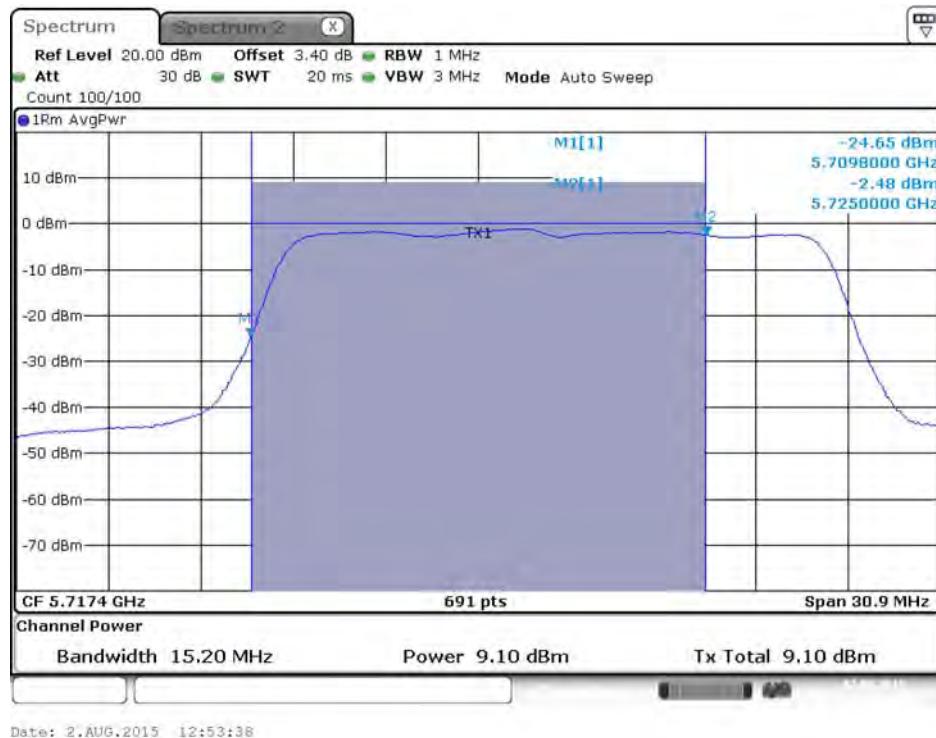

Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 3 / 5710 MHz (UNII 2C)



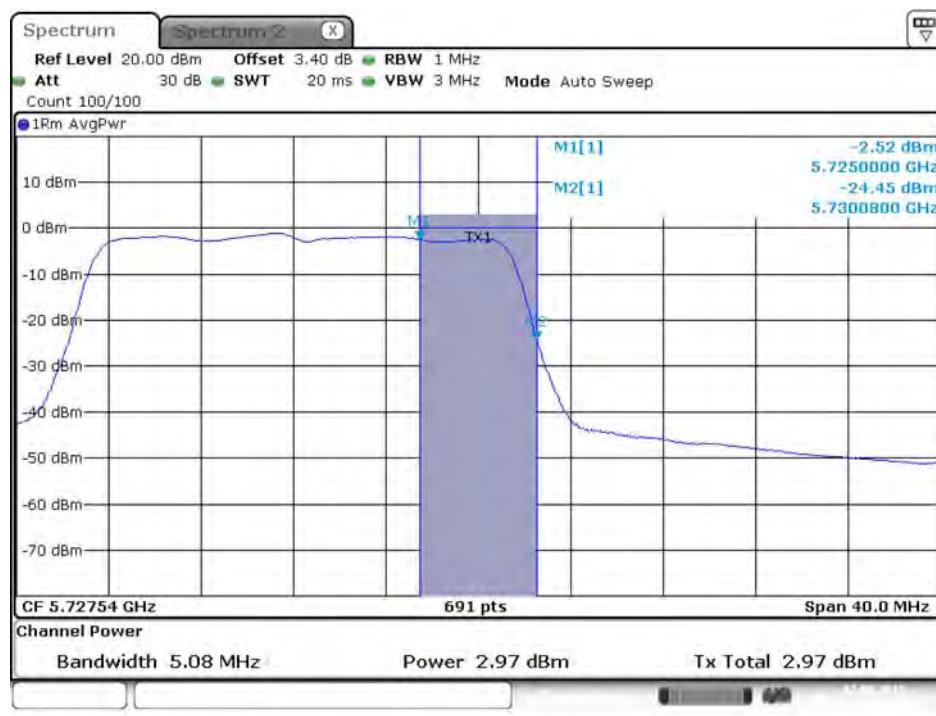
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 3 / 5710 MHz (UNII 3)



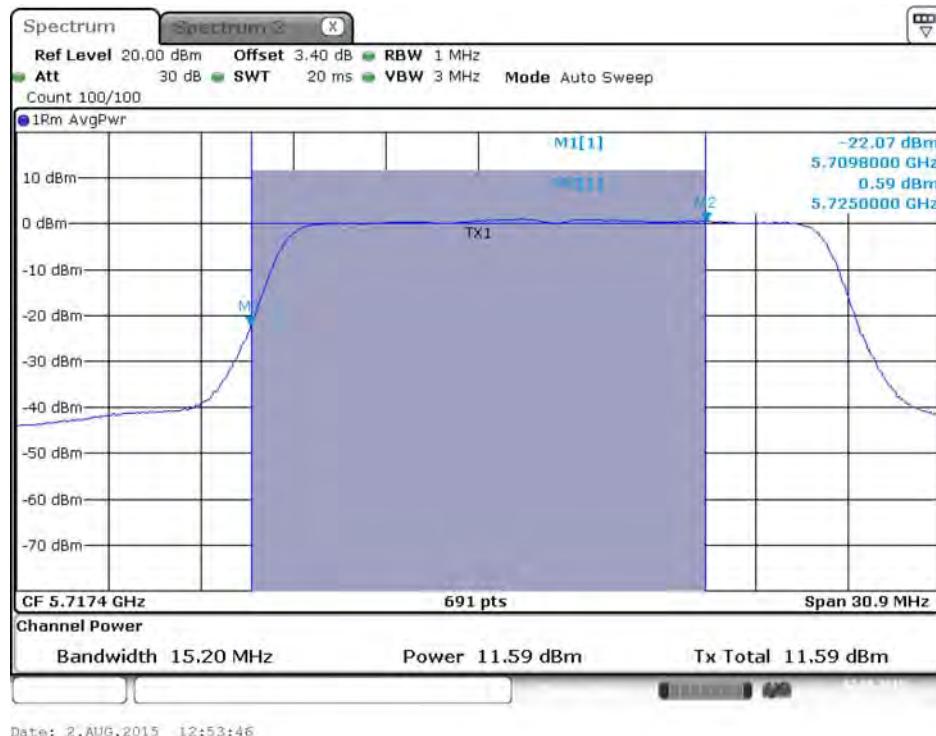
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



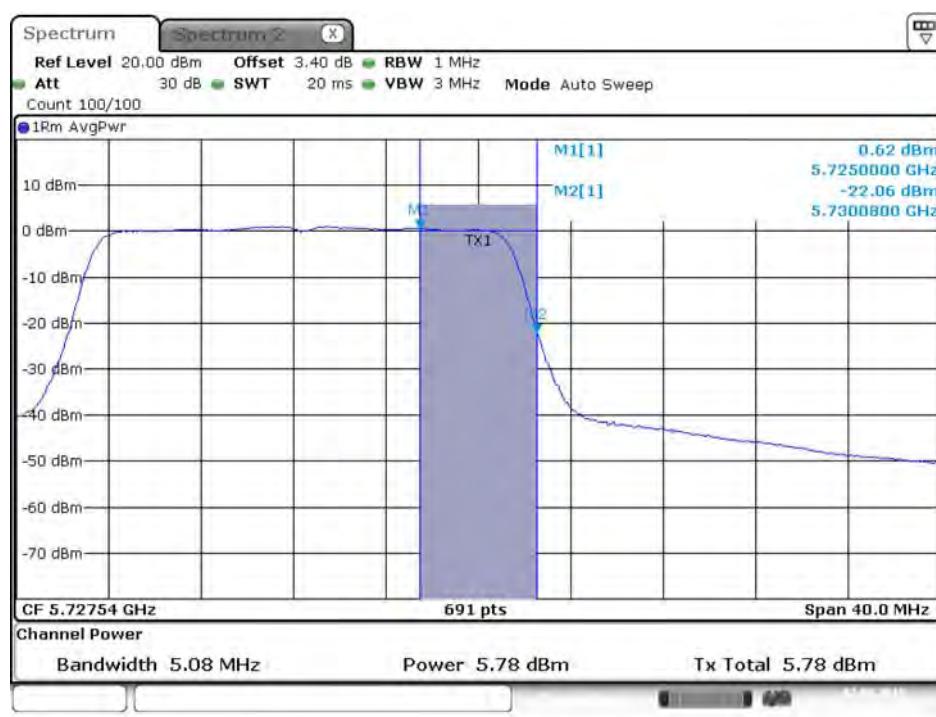
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



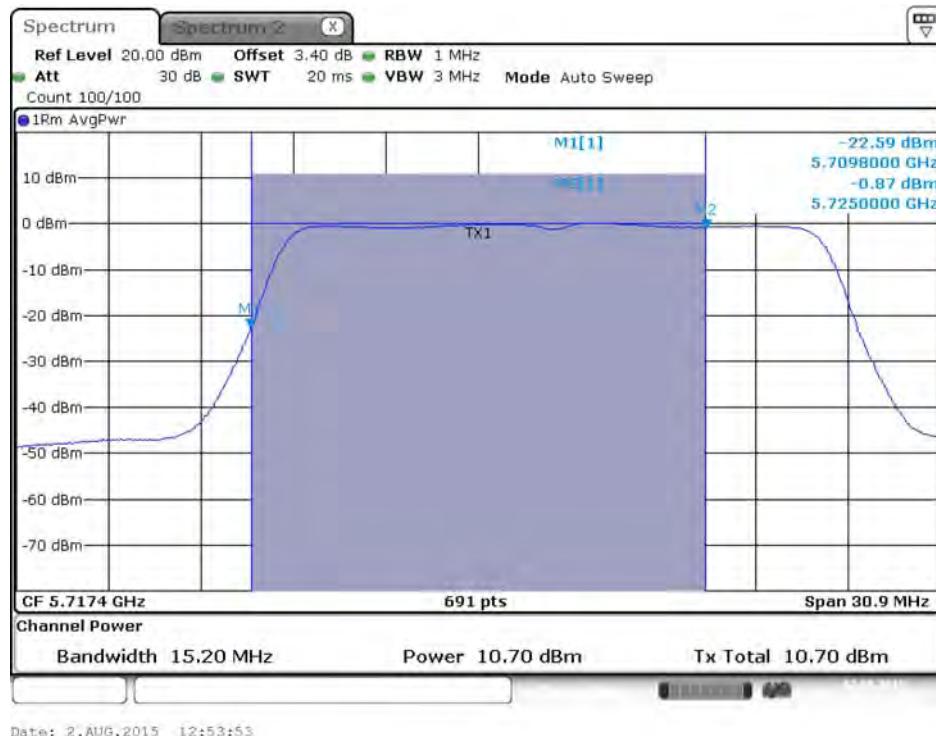
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



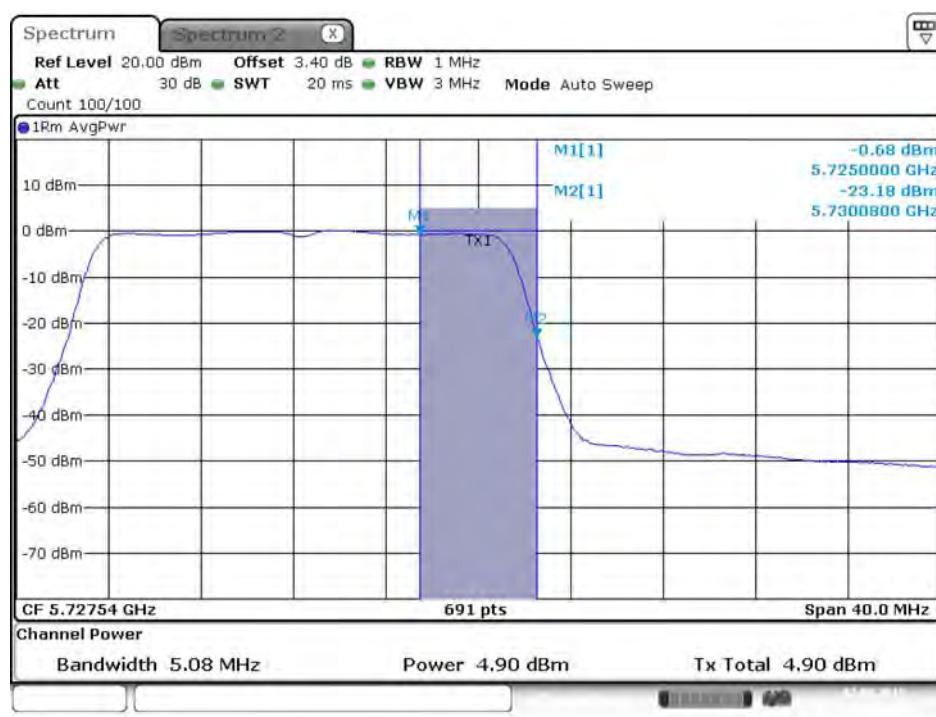
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



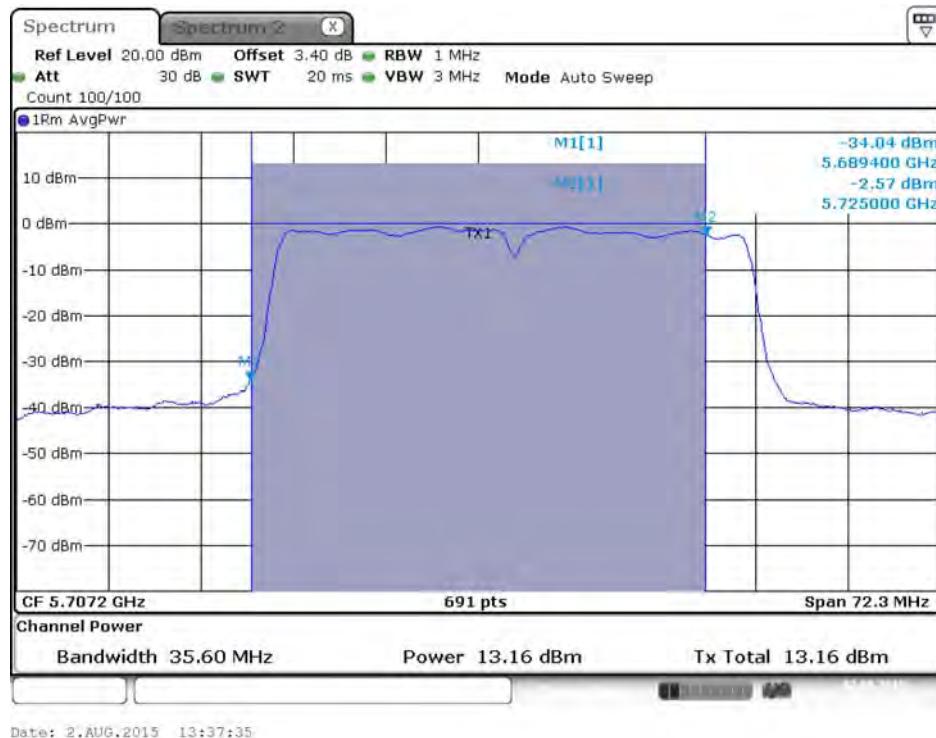
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



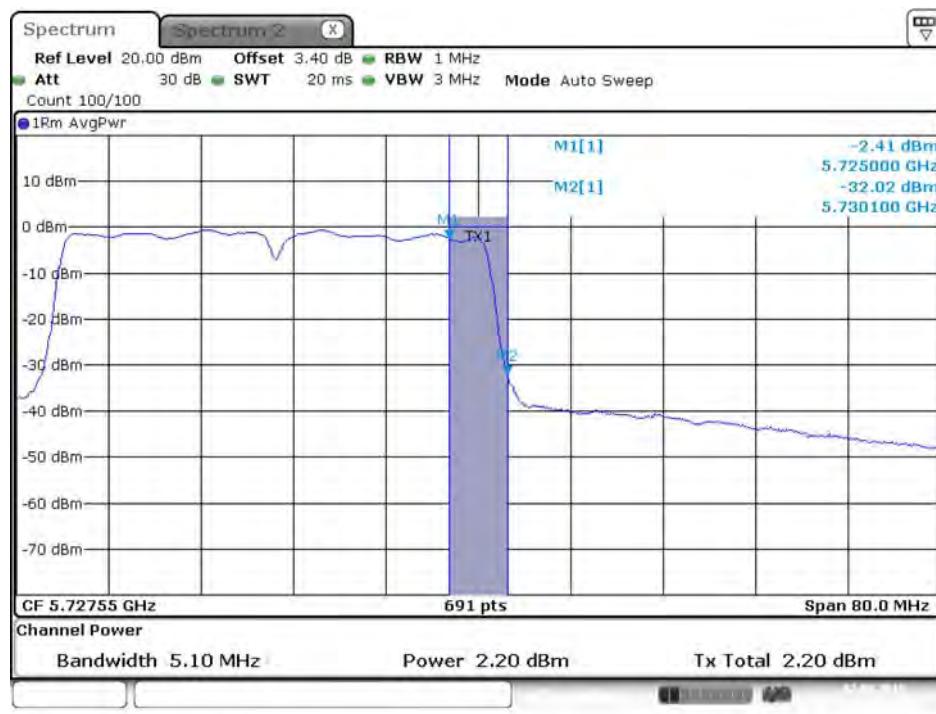
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



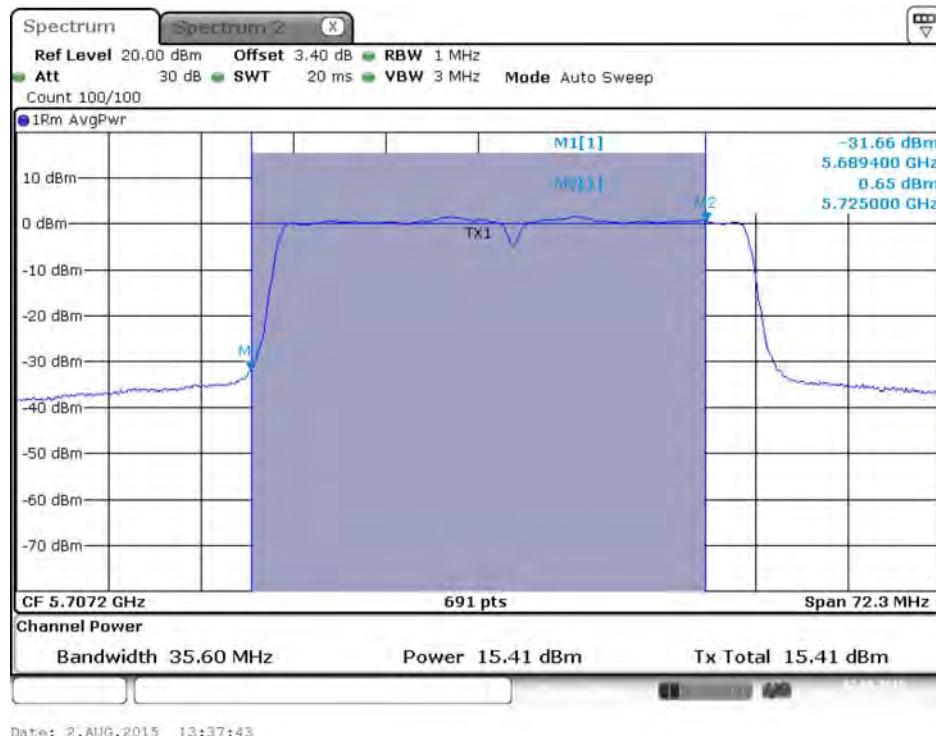
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



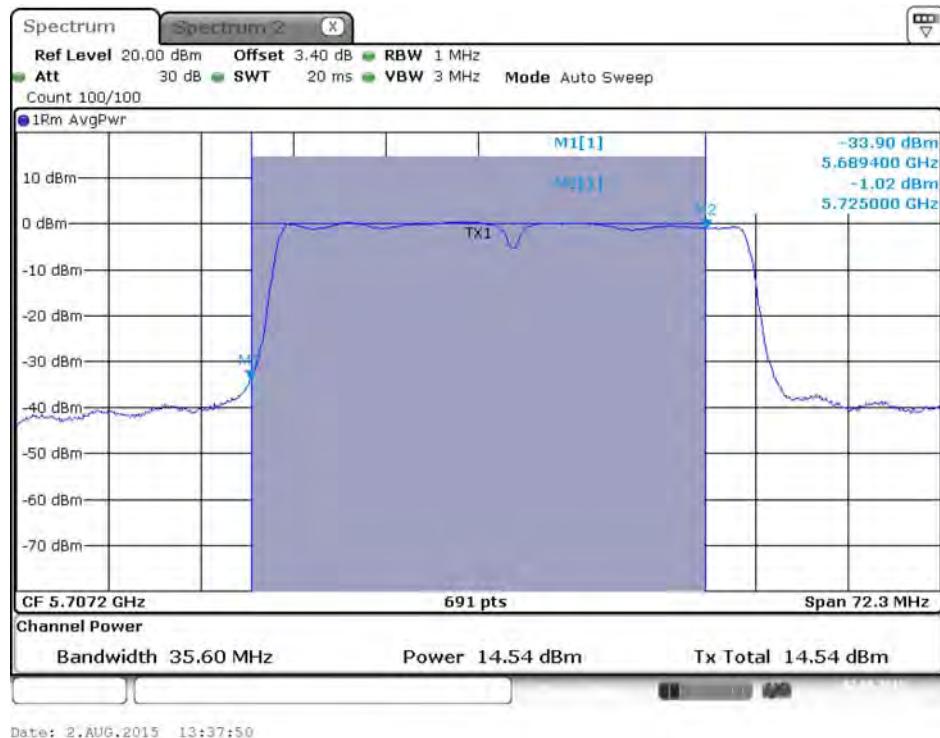
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



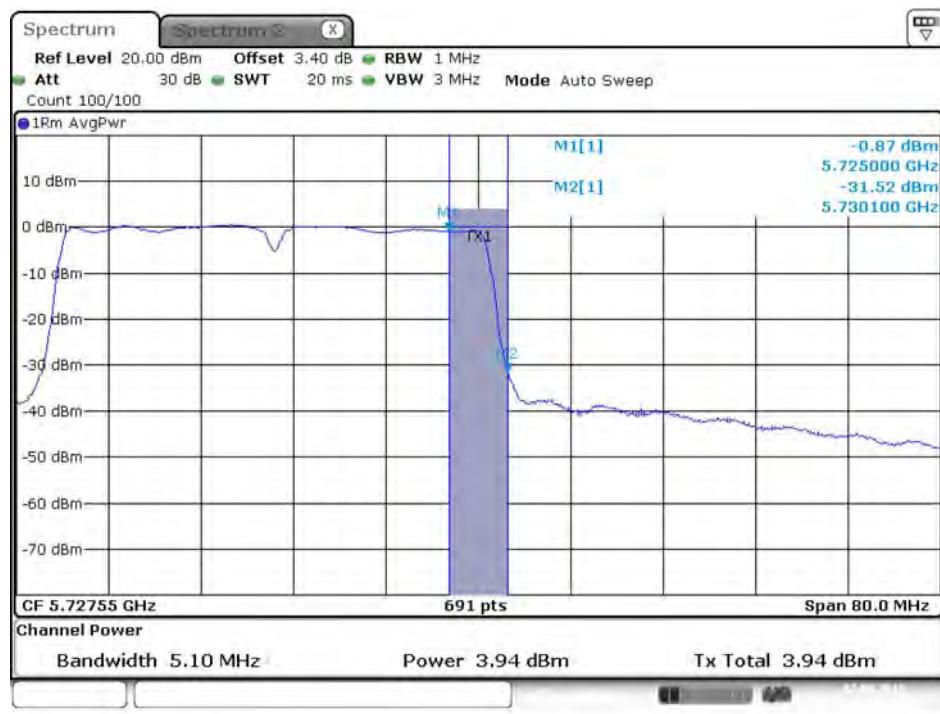
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



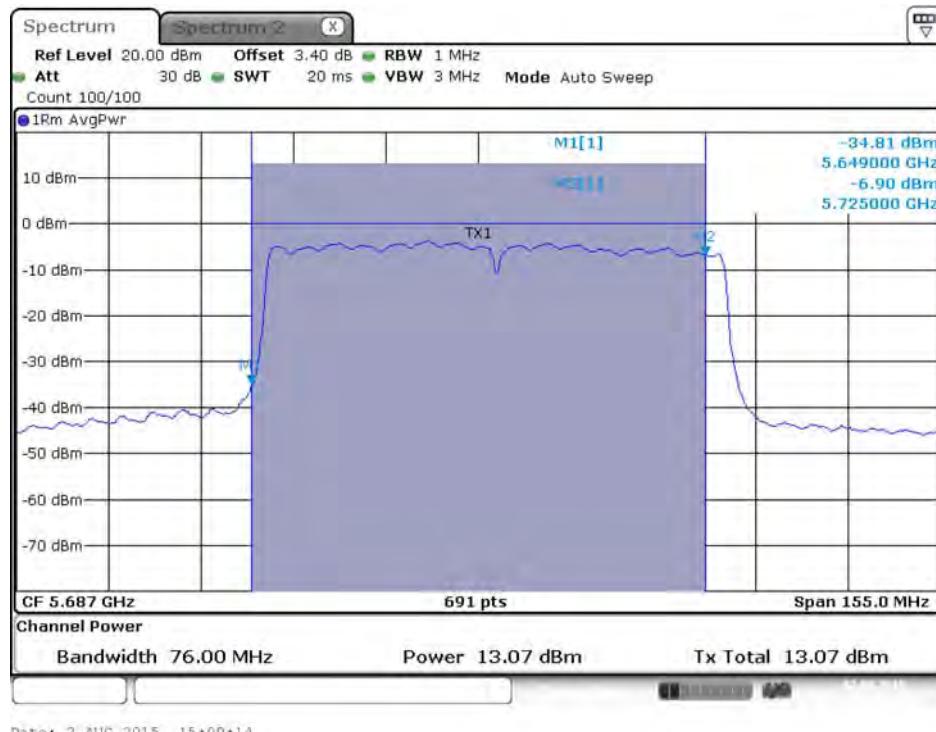
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



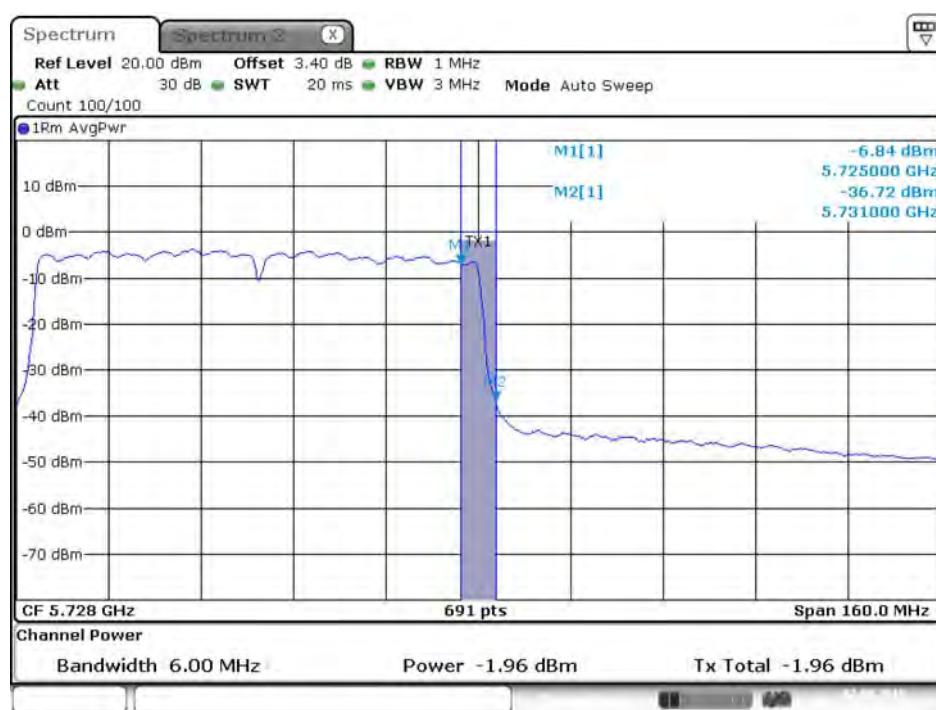
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



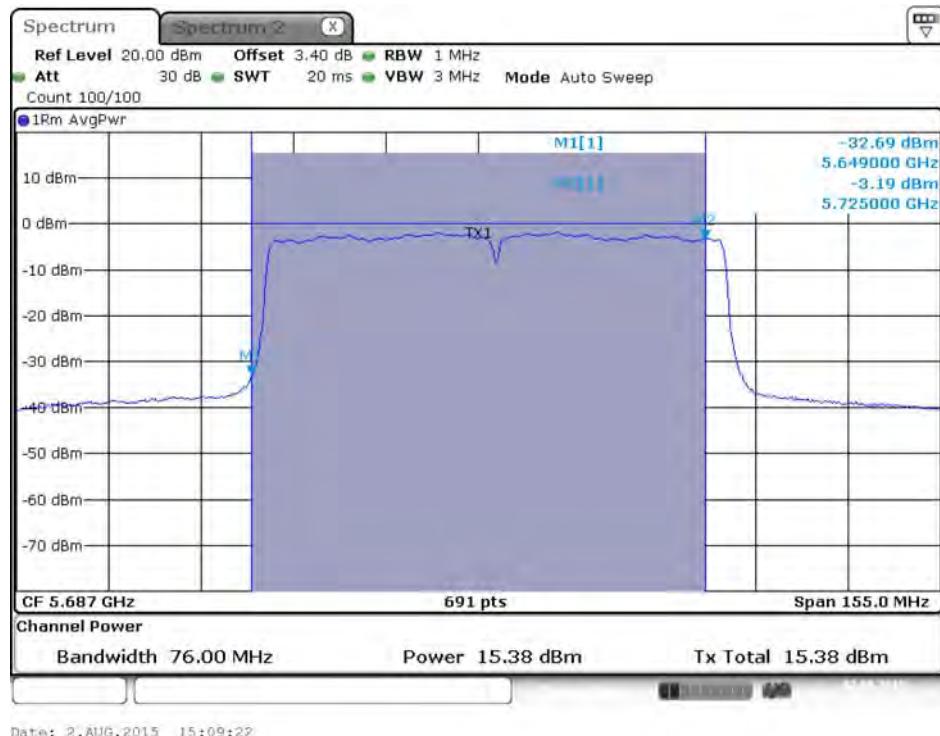
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



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



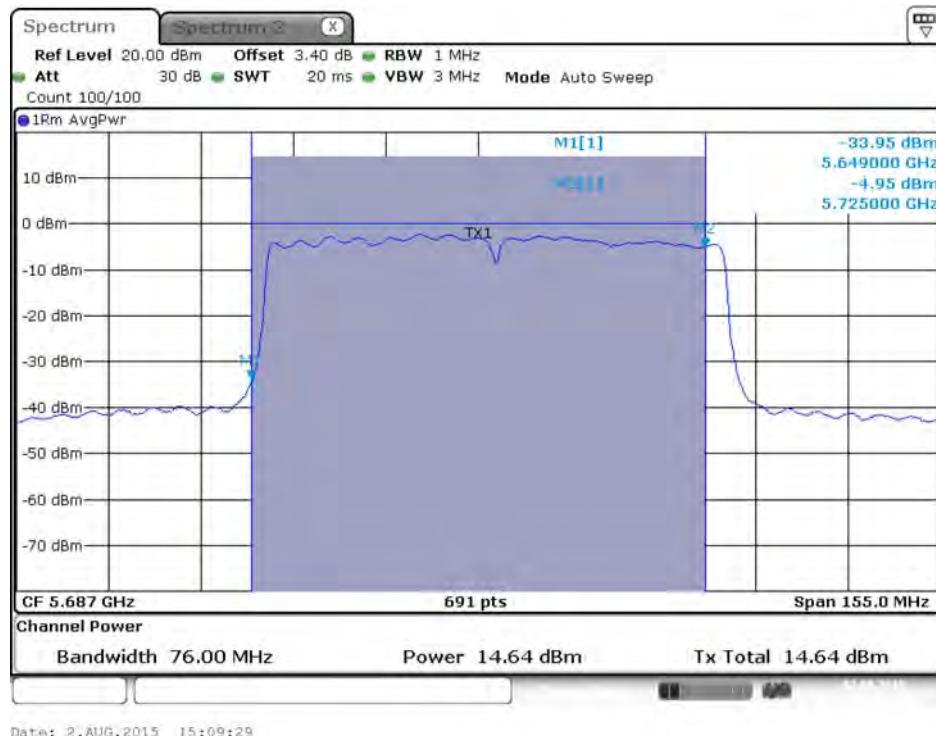
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



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

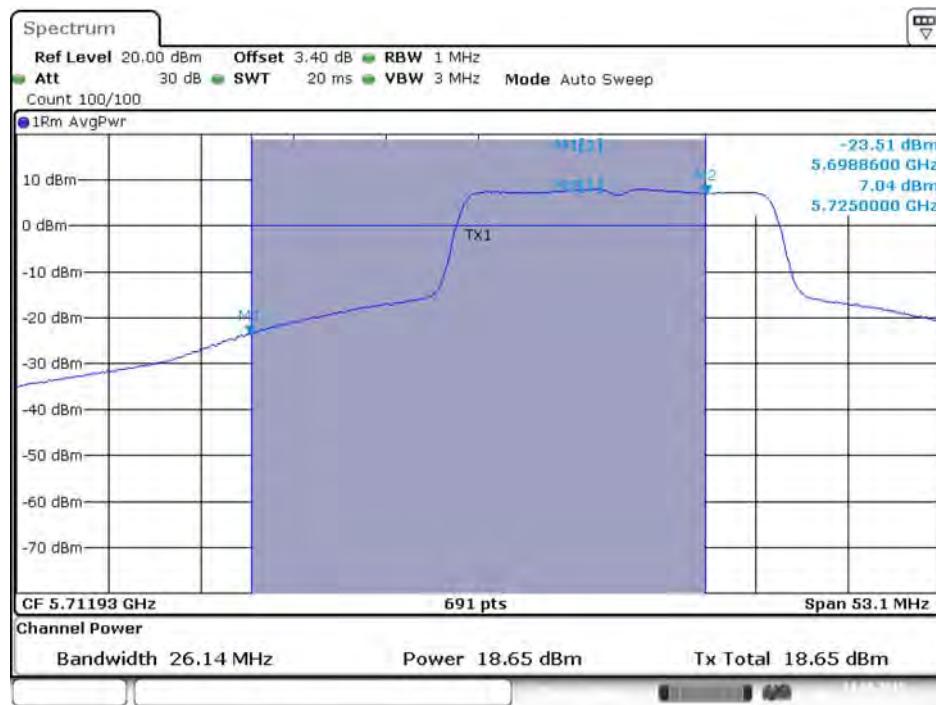
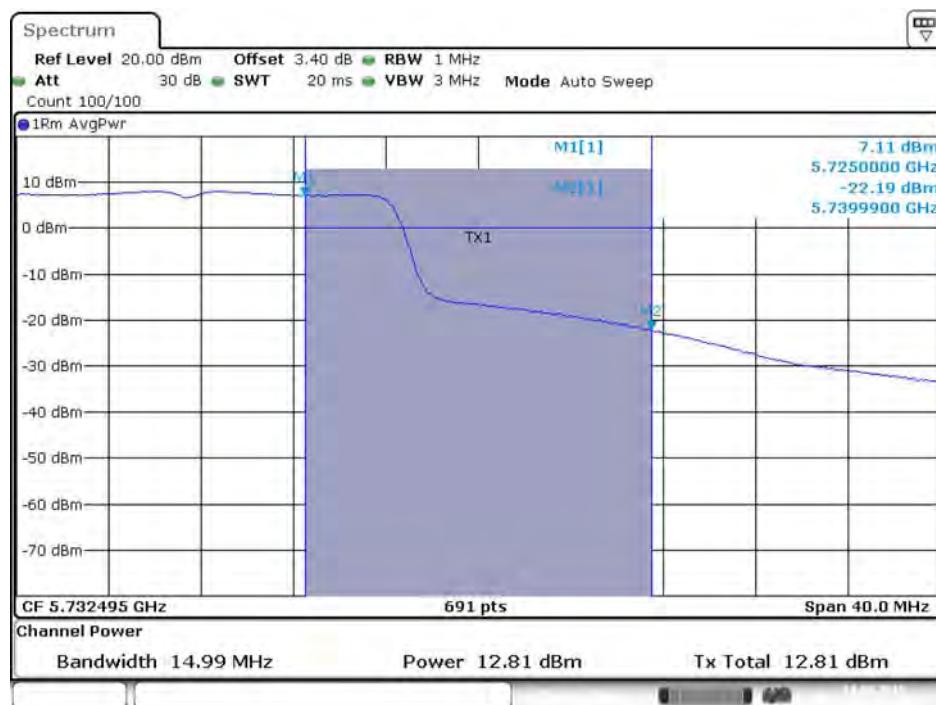


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)

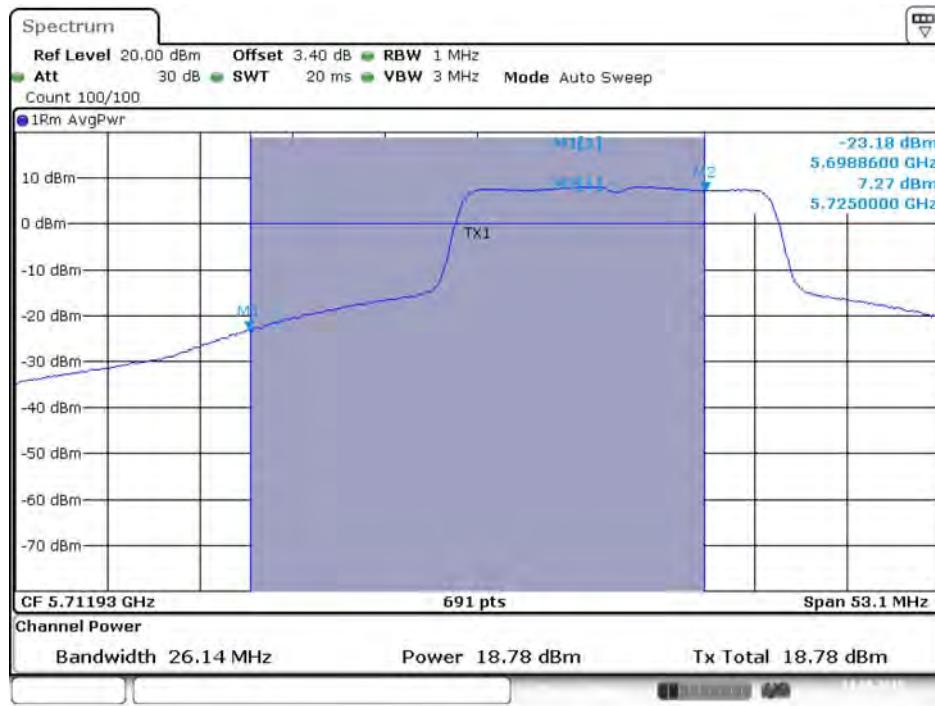


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)

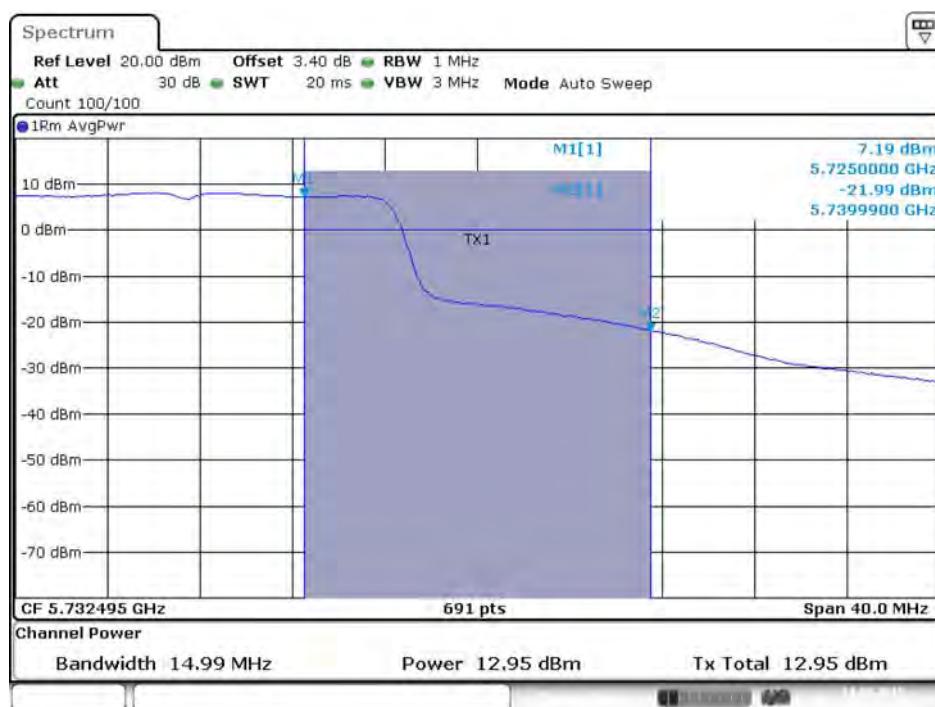


Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 1TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)


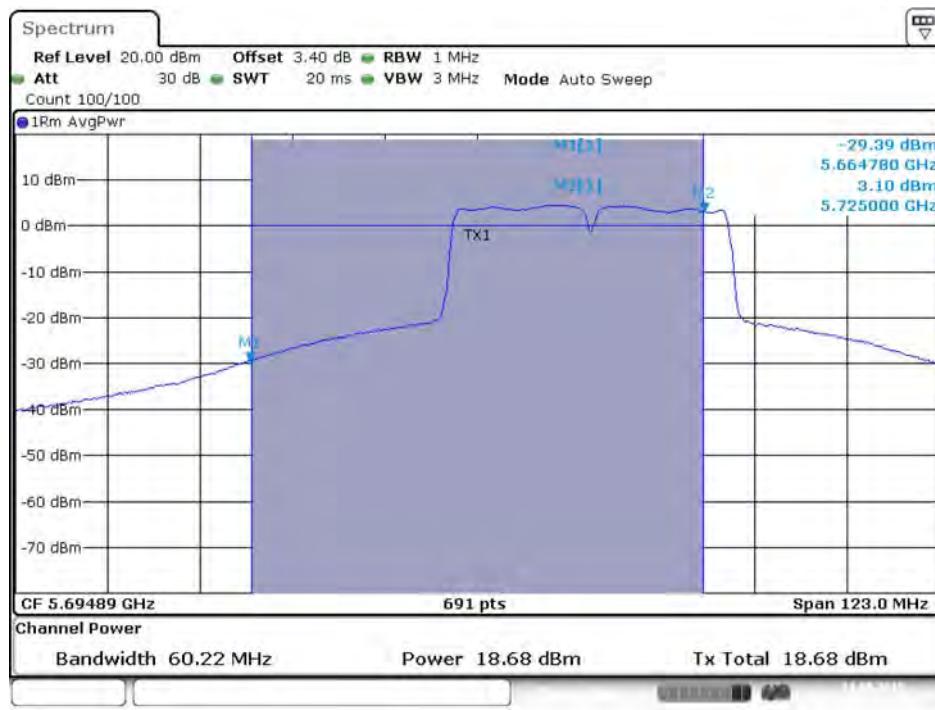
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 2C)



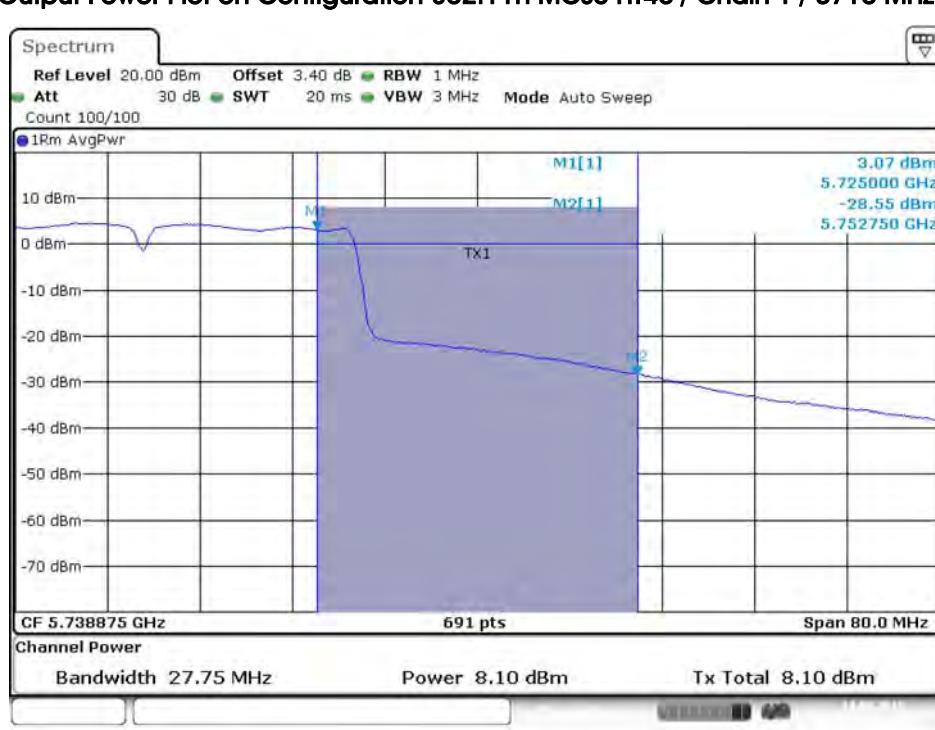
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 3)



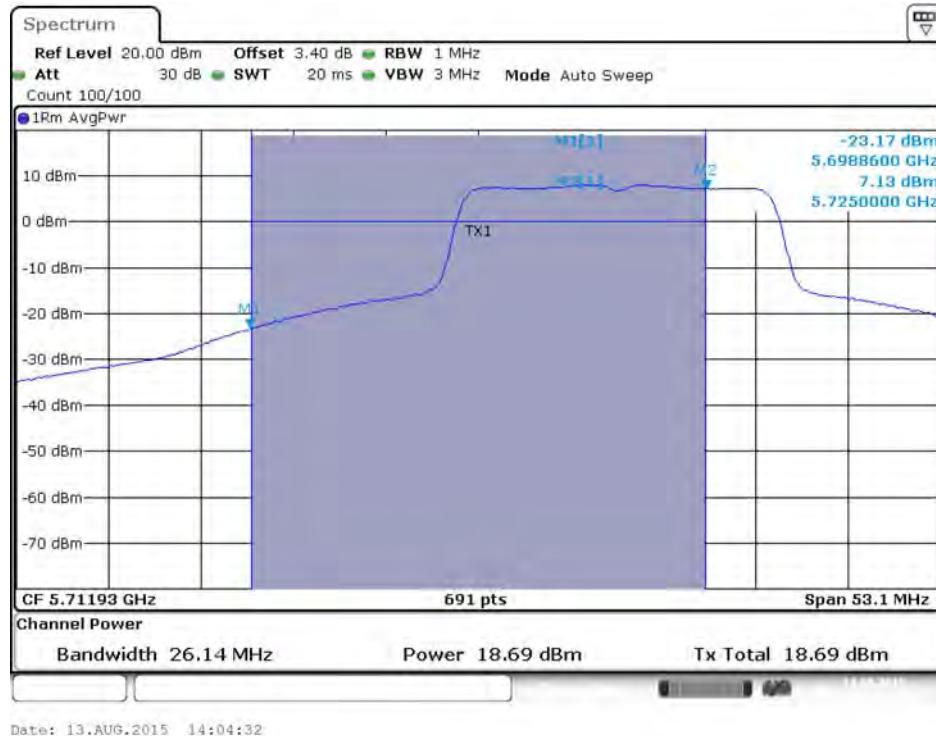
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 2C)



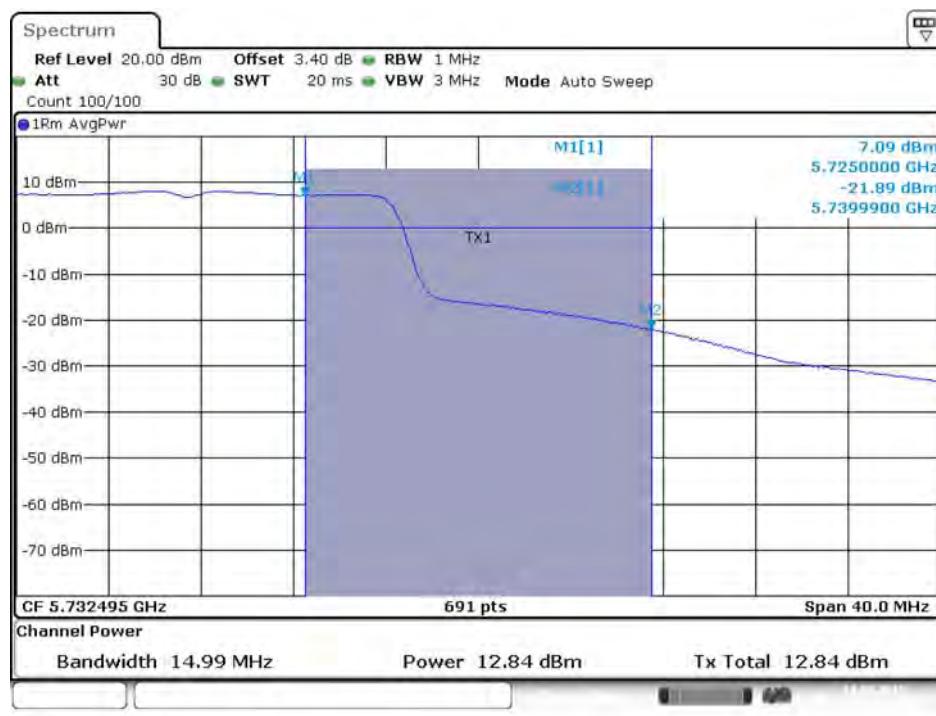
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 3)



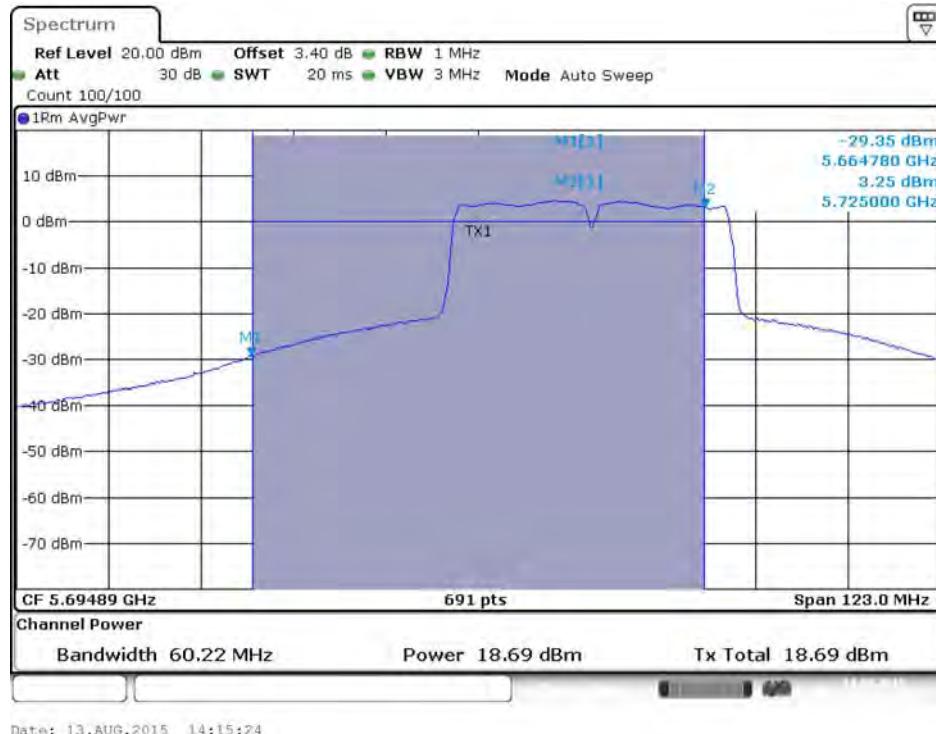
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



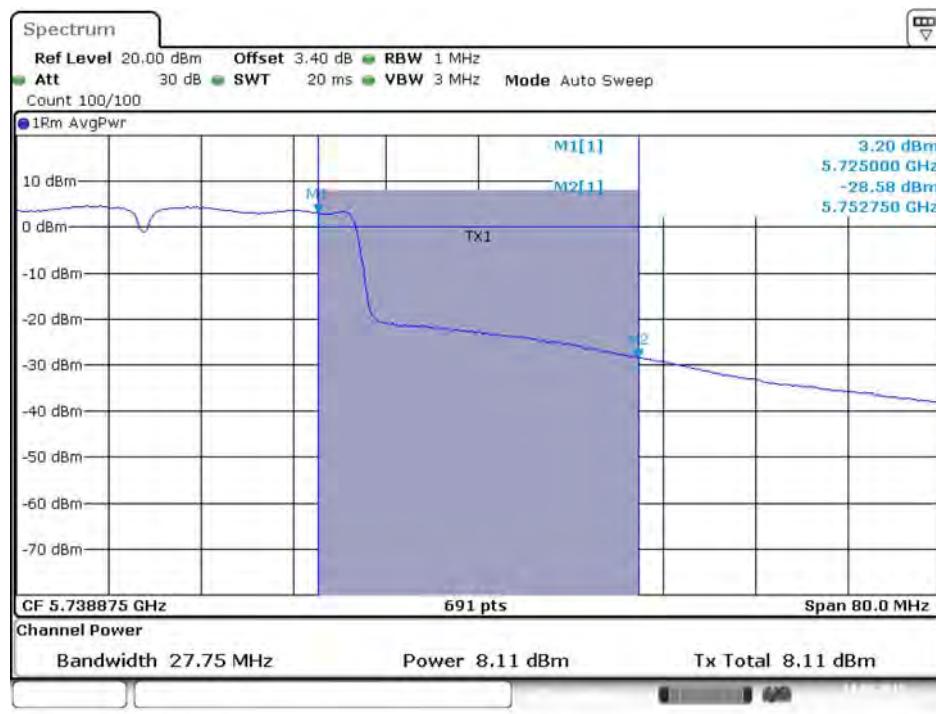
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



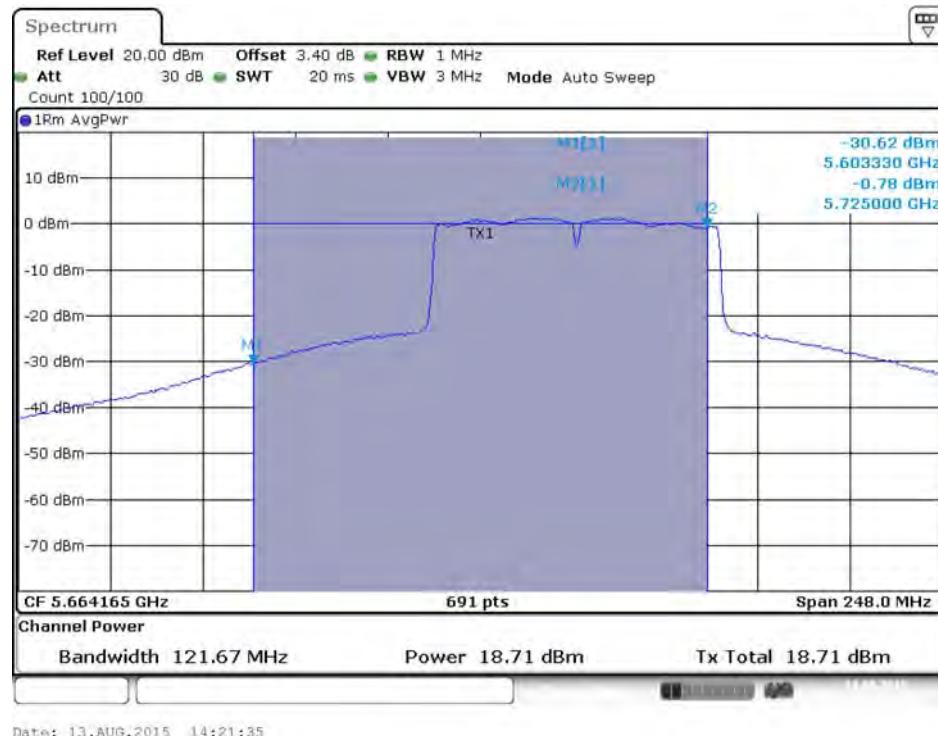
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



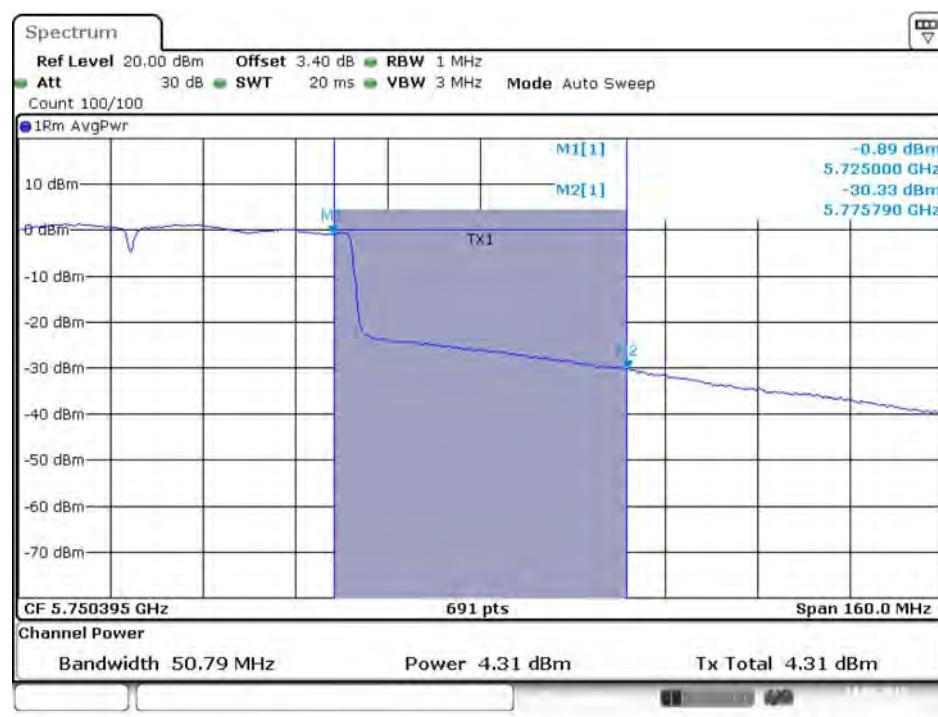
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)

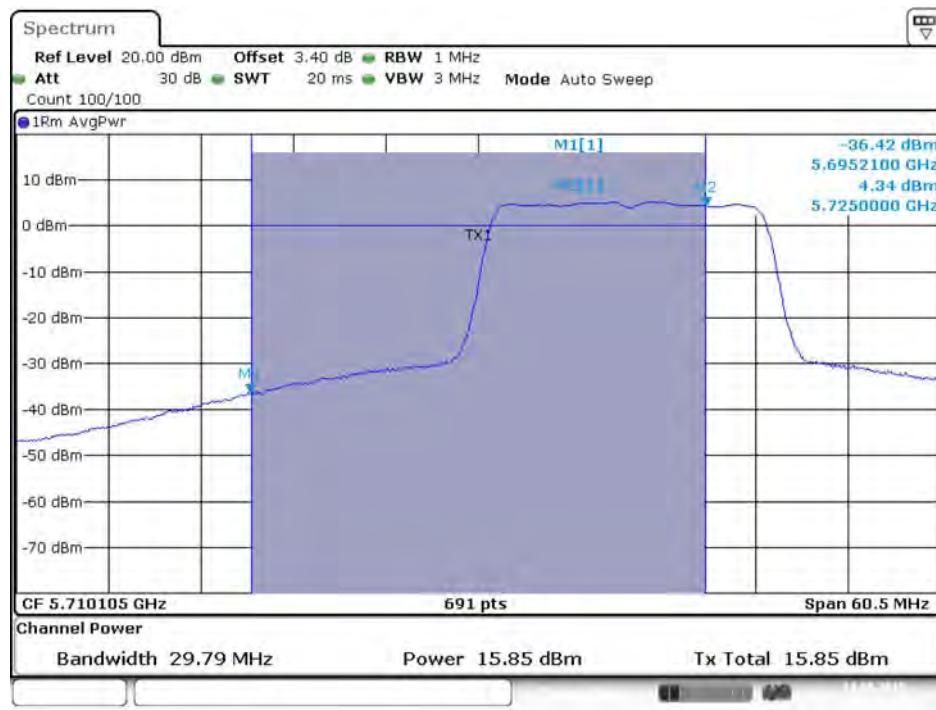
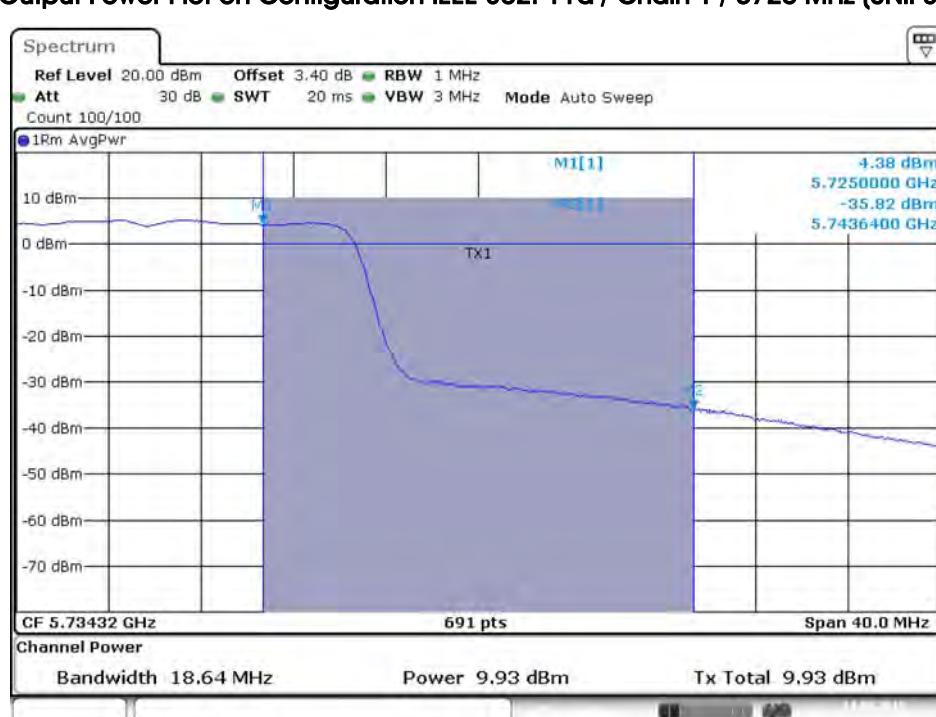


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)

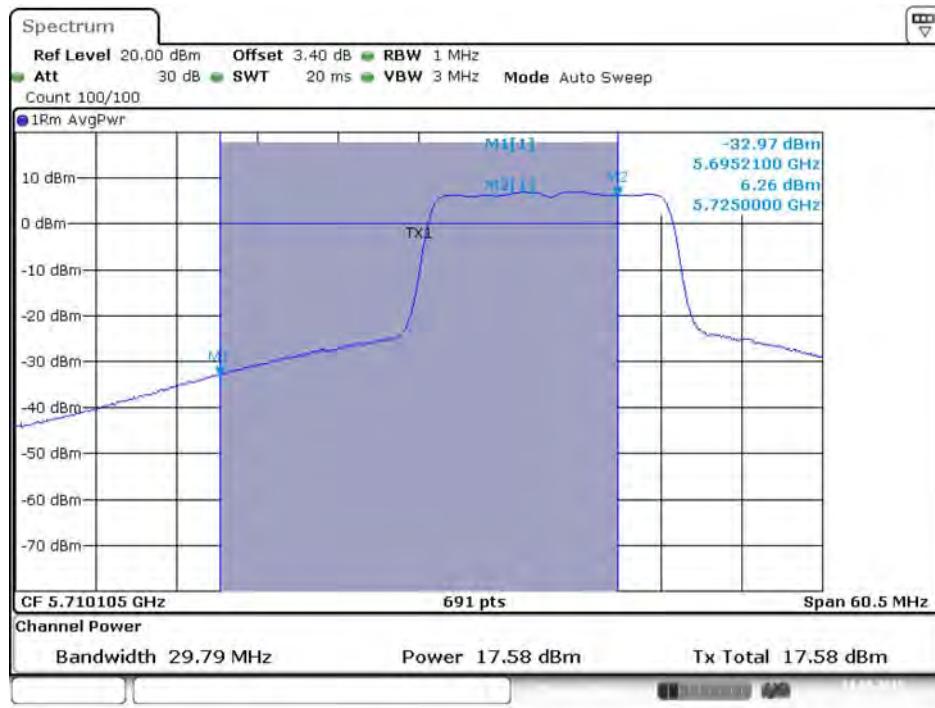


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)

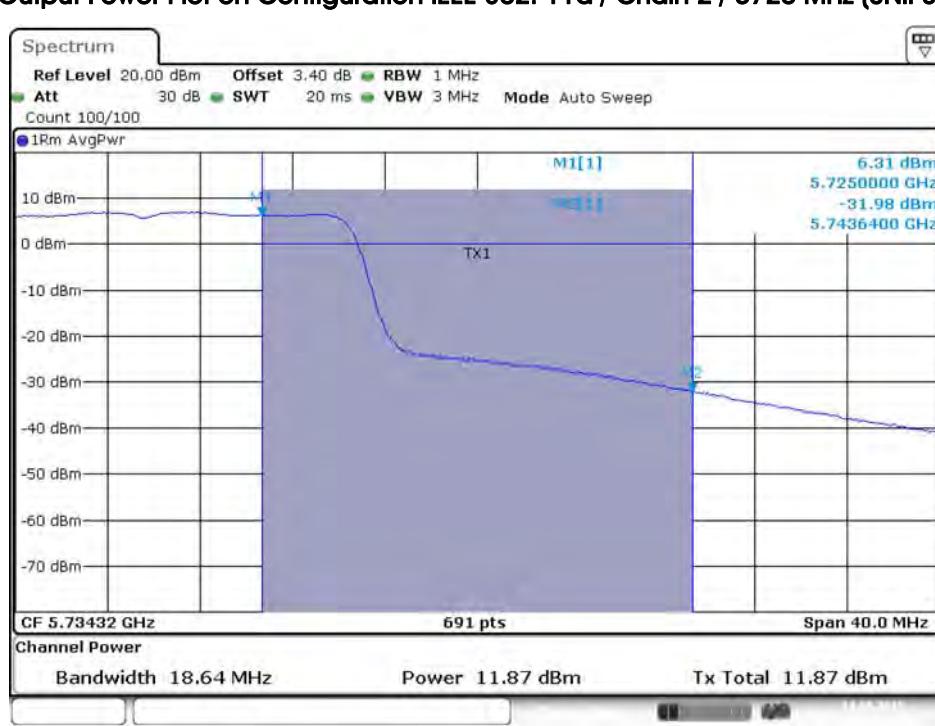


Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)


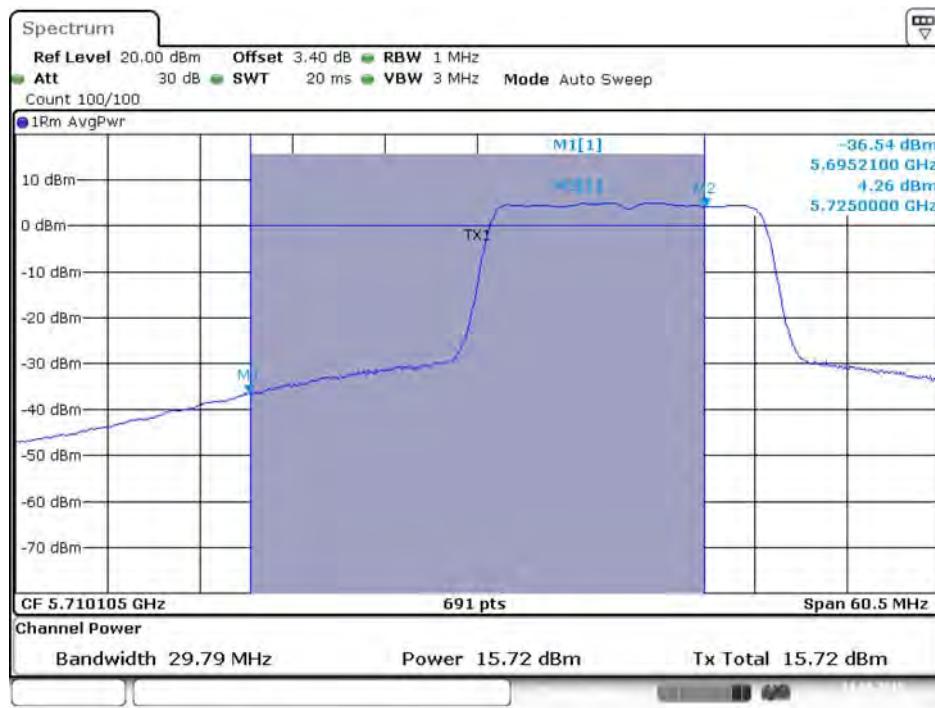
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



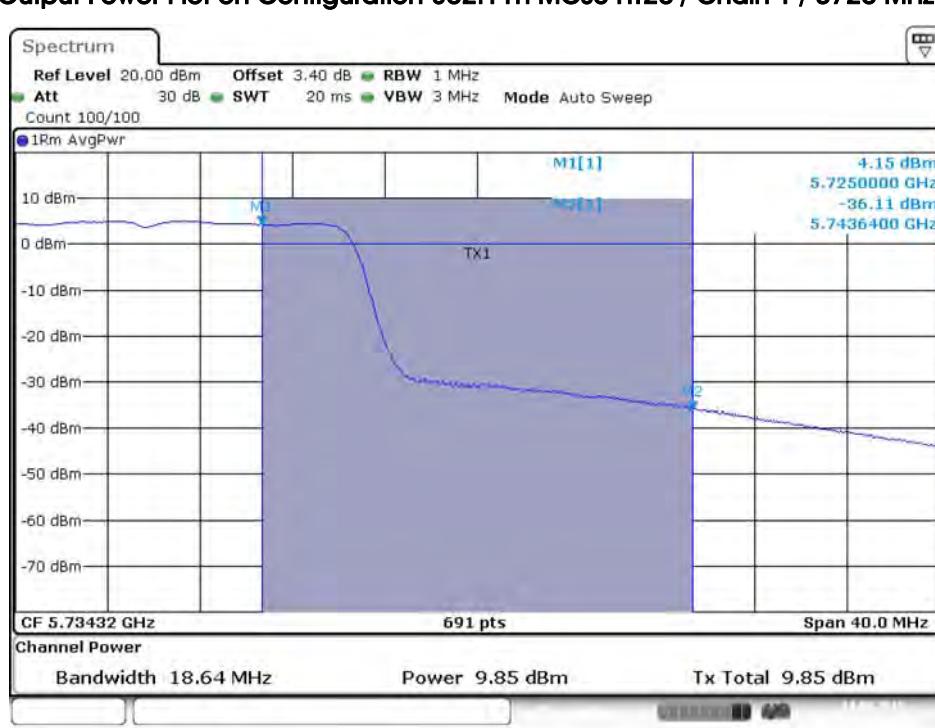
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 3)



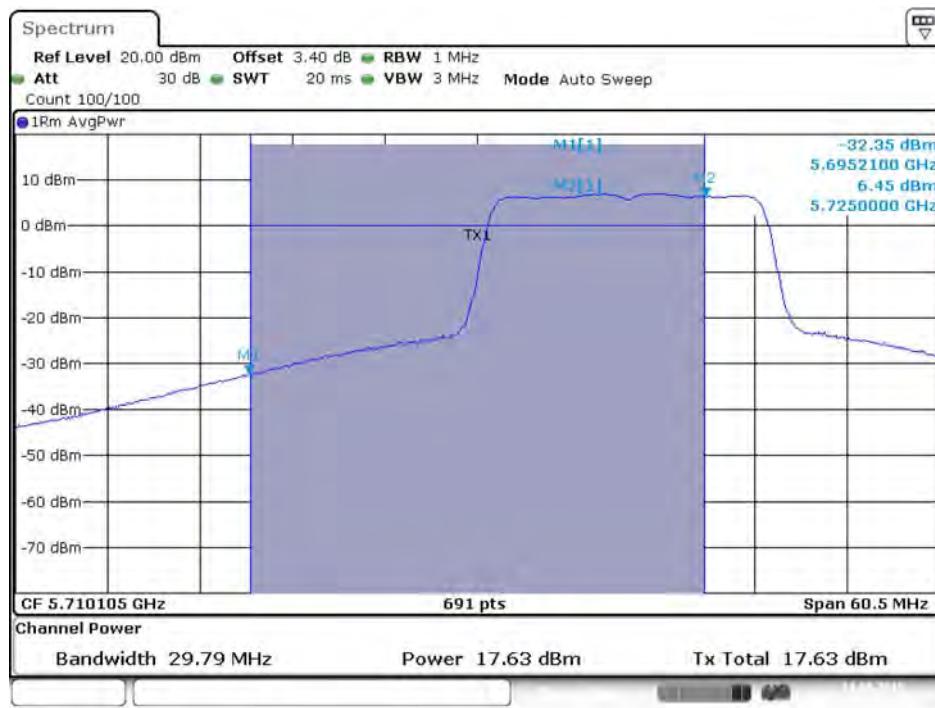
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 2C)



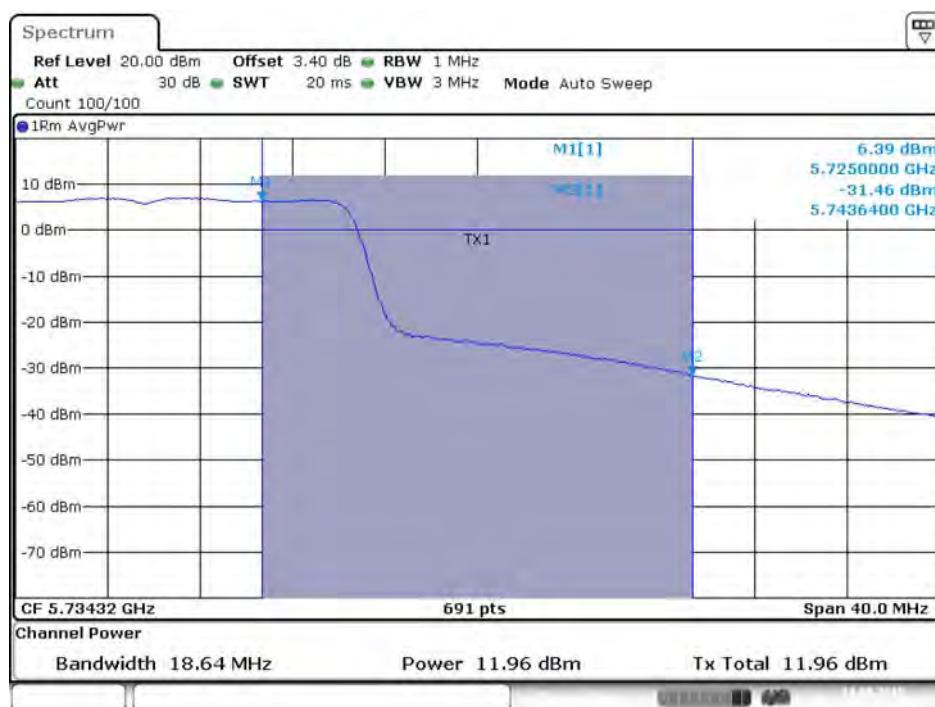
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 3)



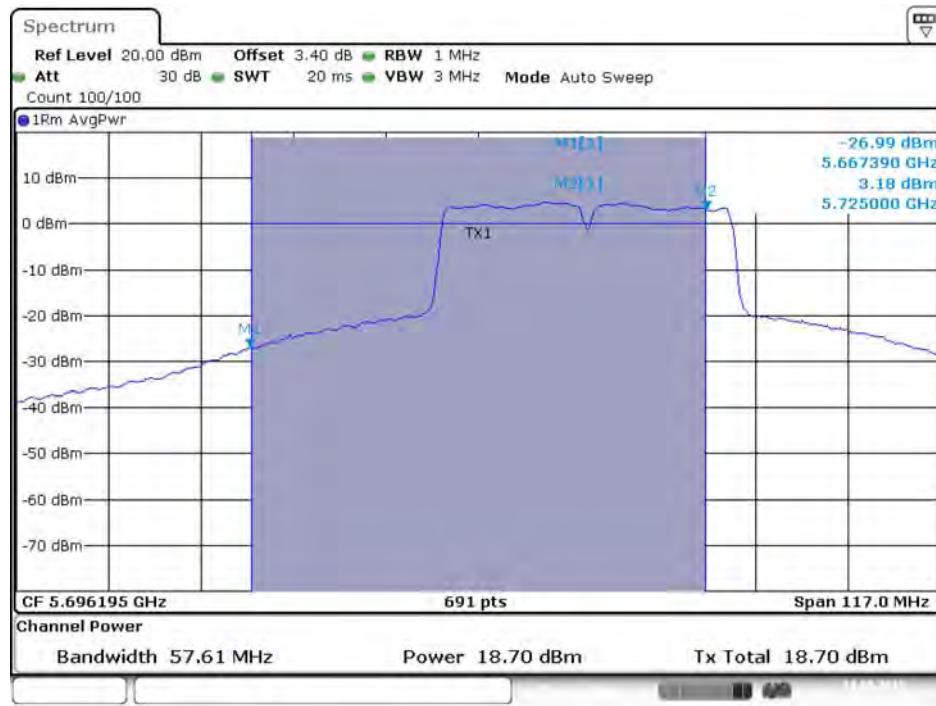
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 2C)



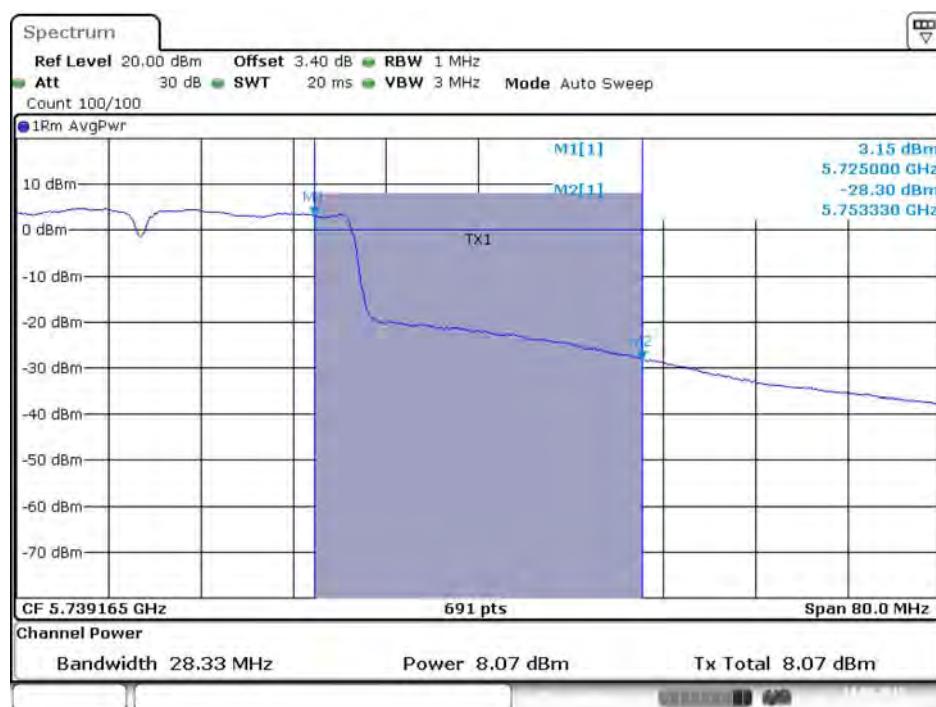
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 3)



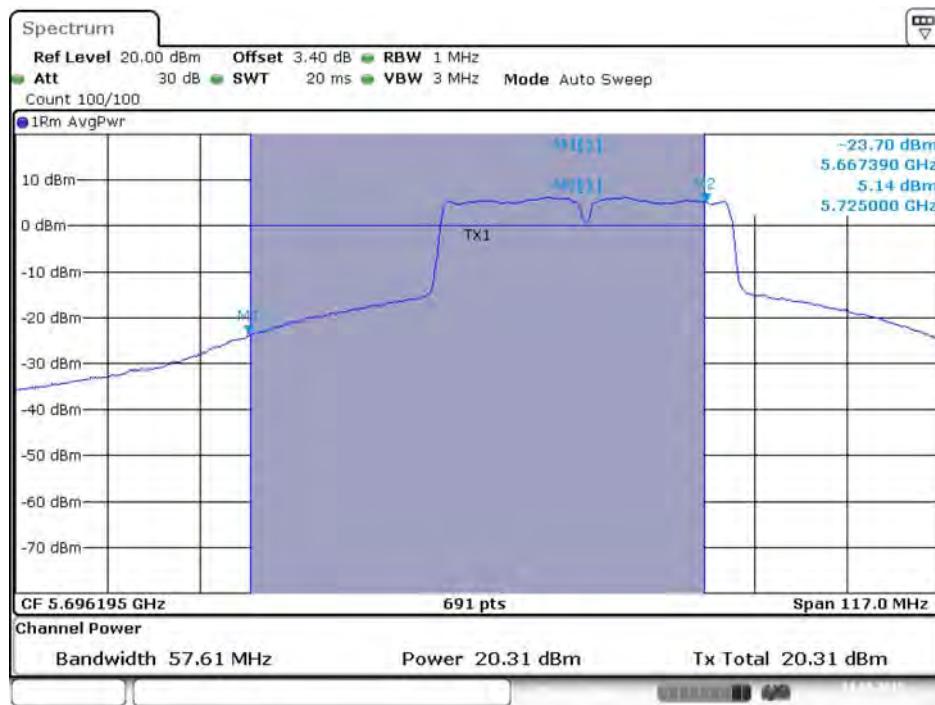
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 2C)



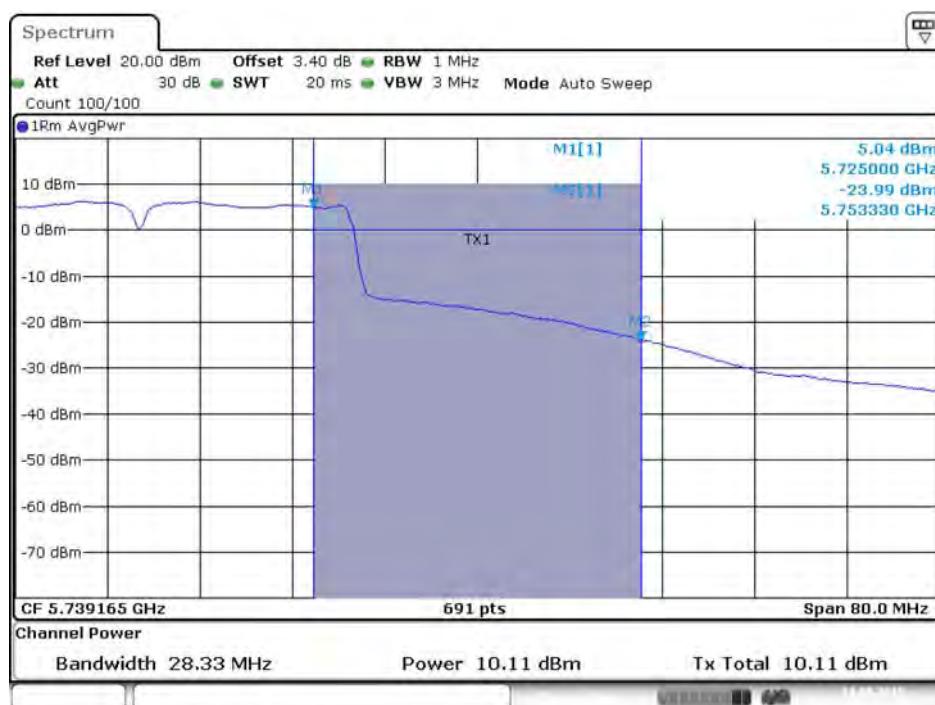
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 3)



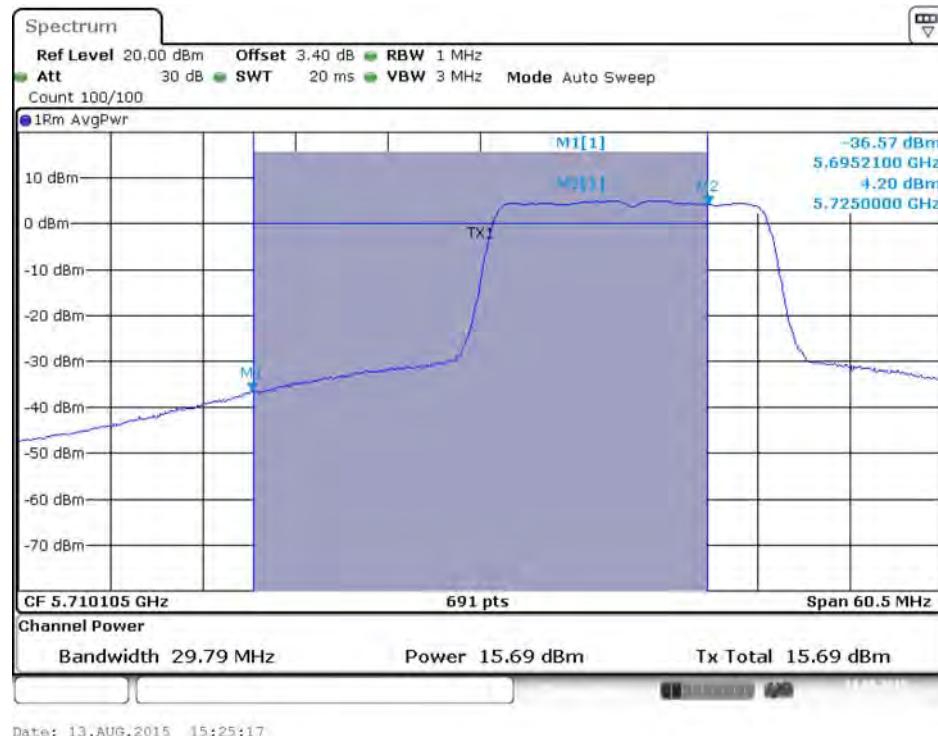
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 2C)



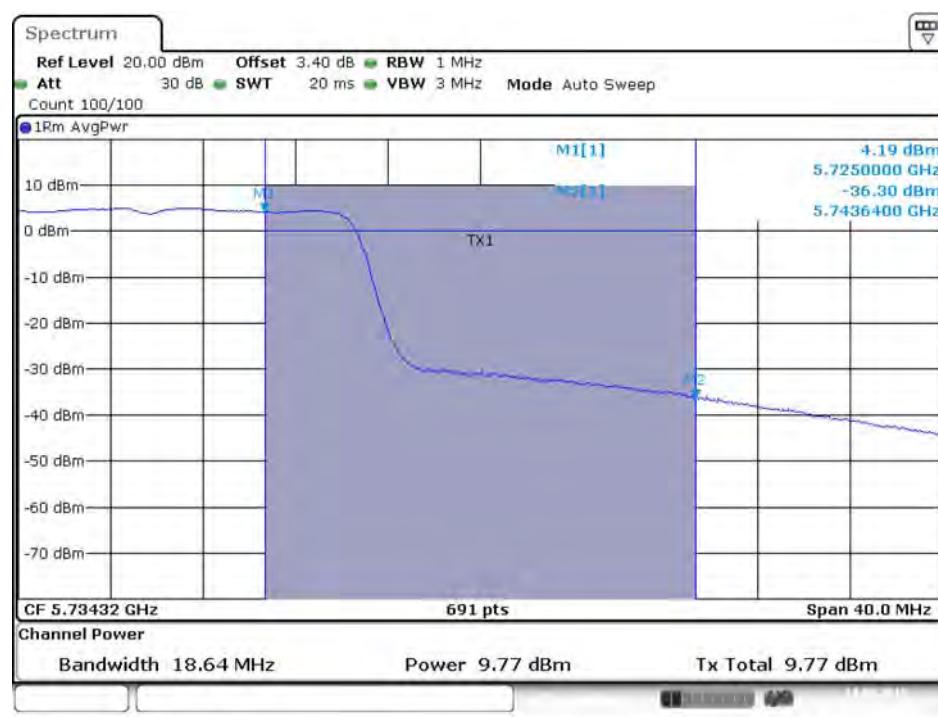
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 3)



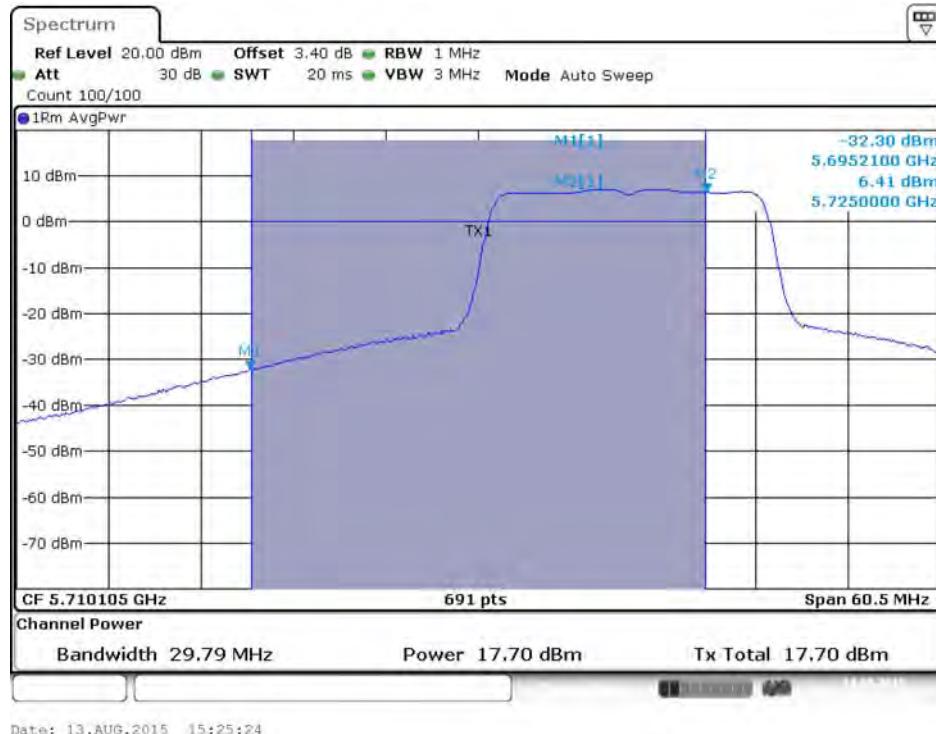
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



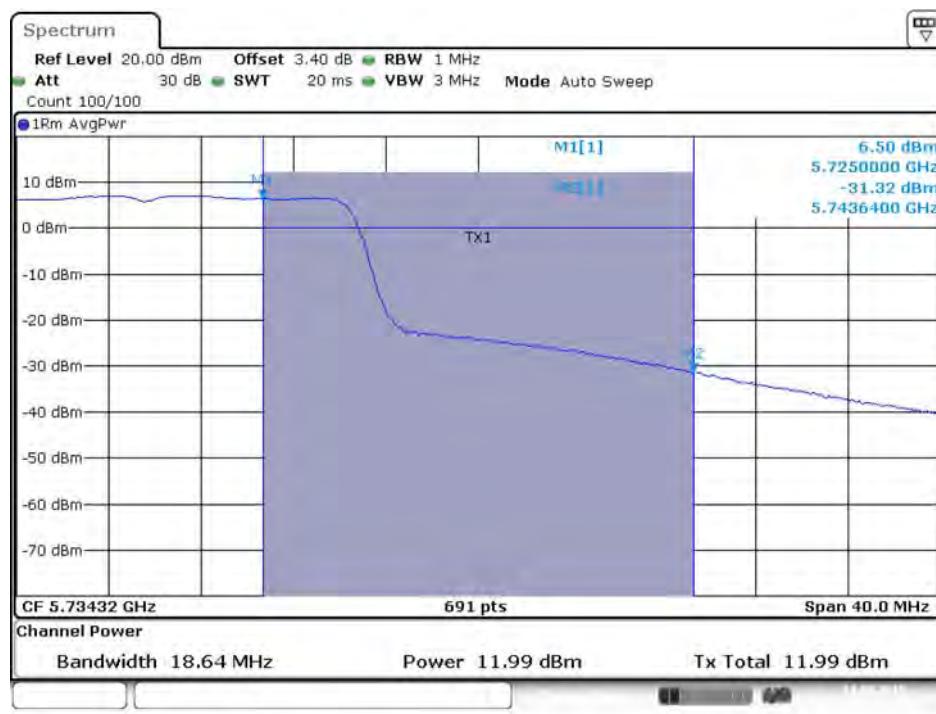
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



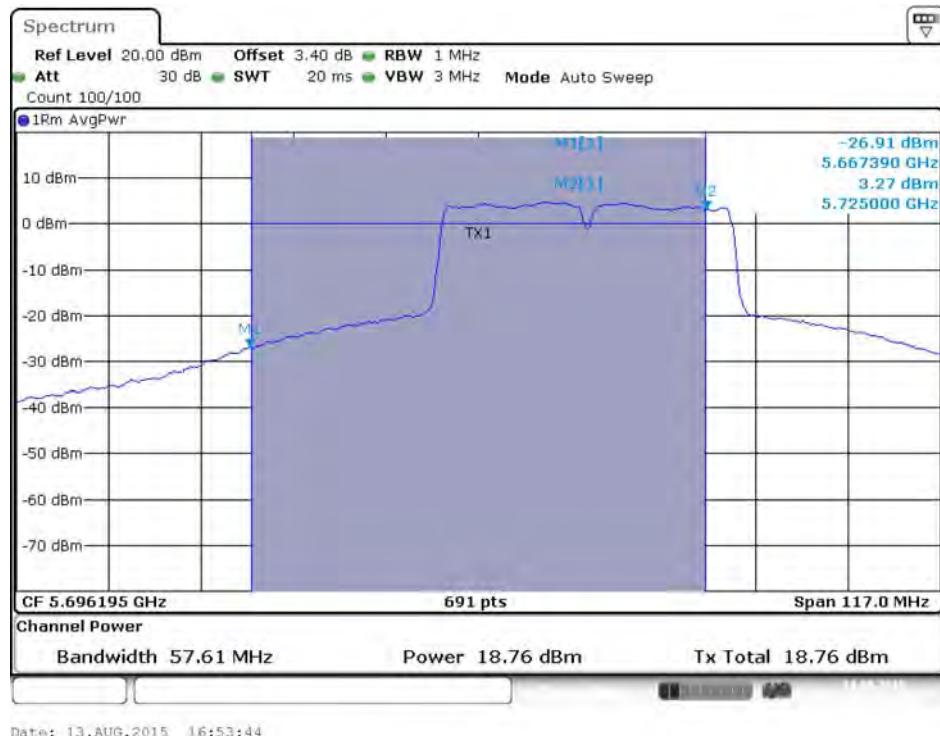
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



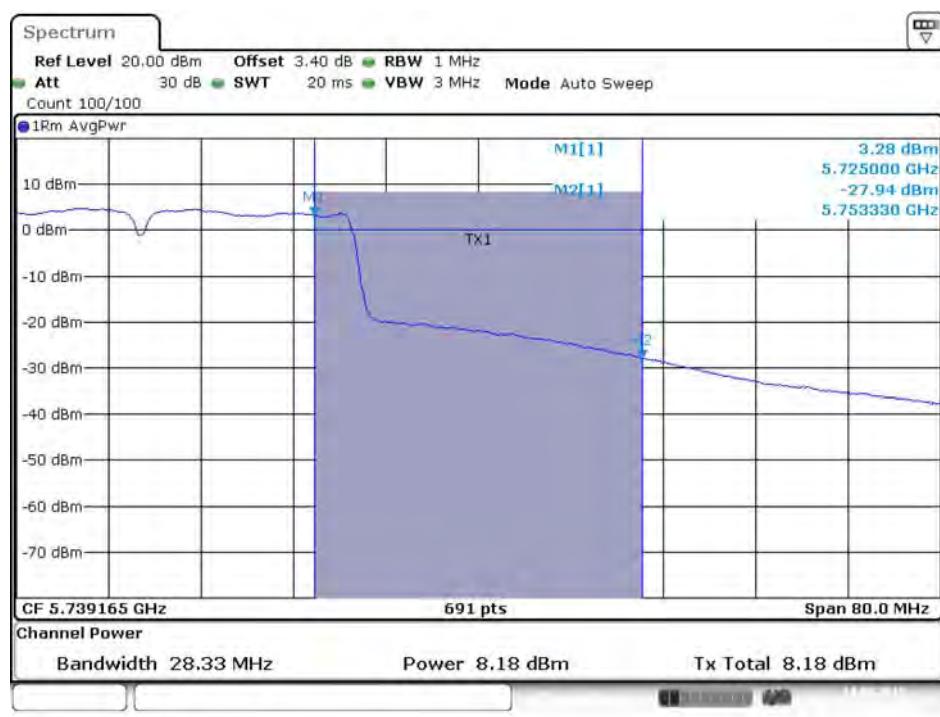
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



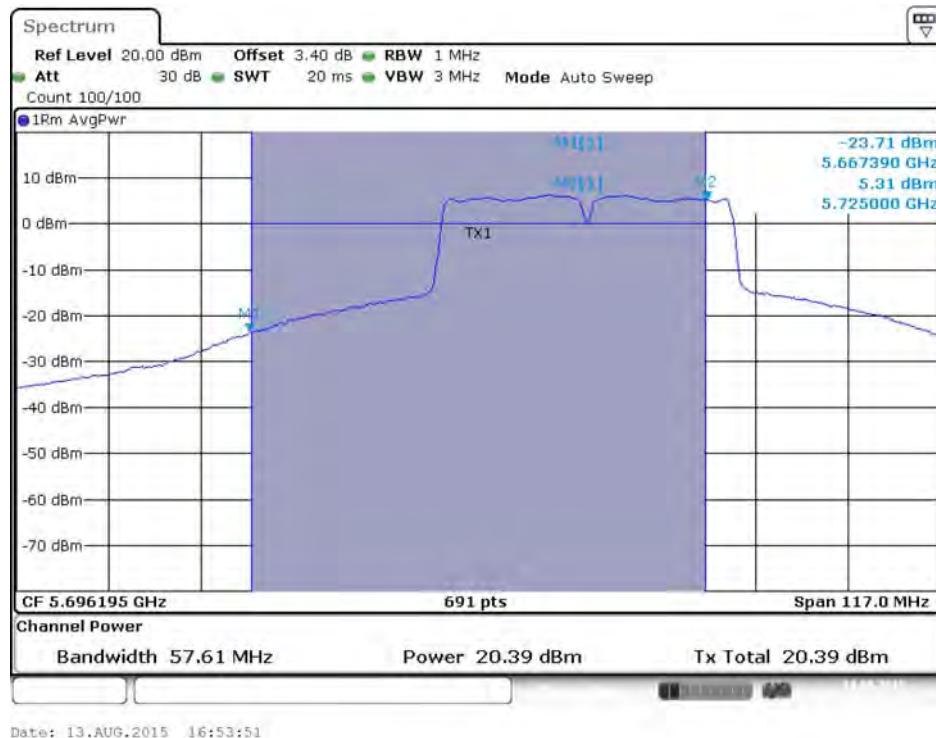
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



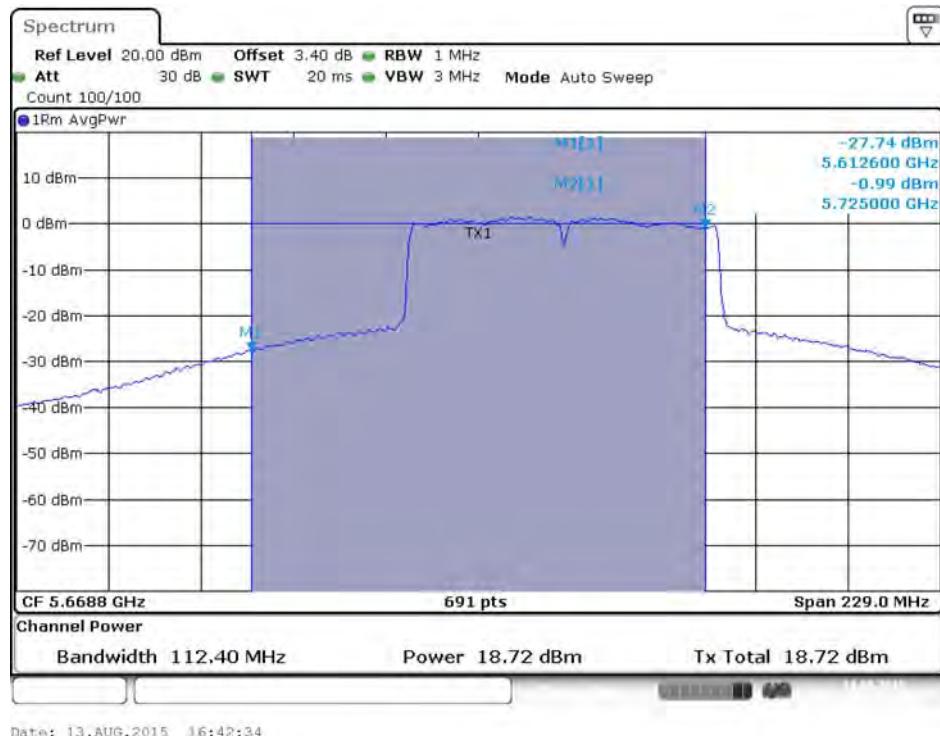
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



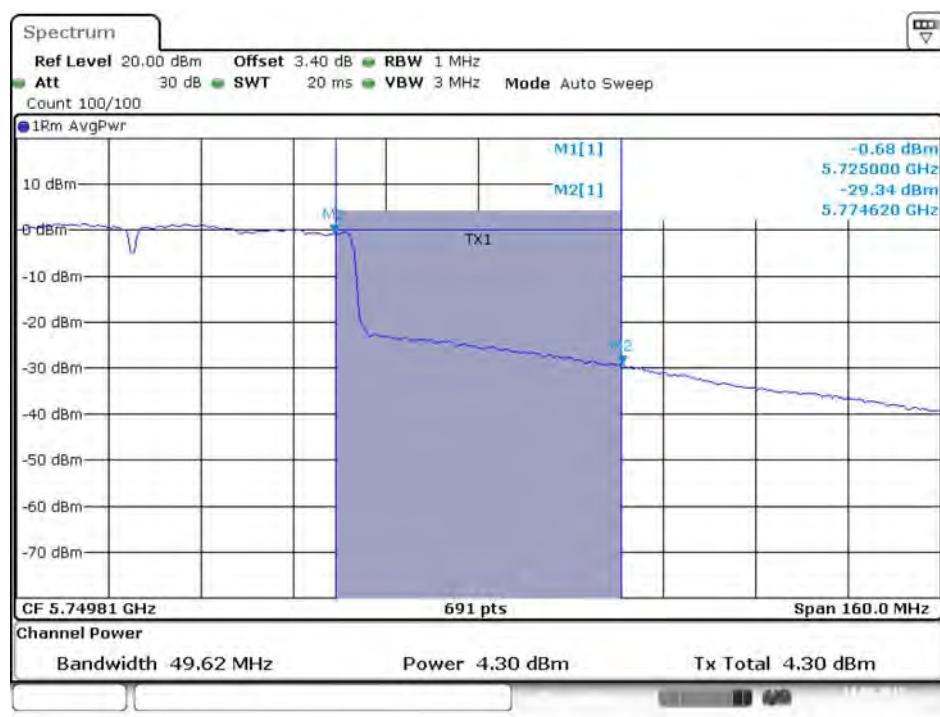
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



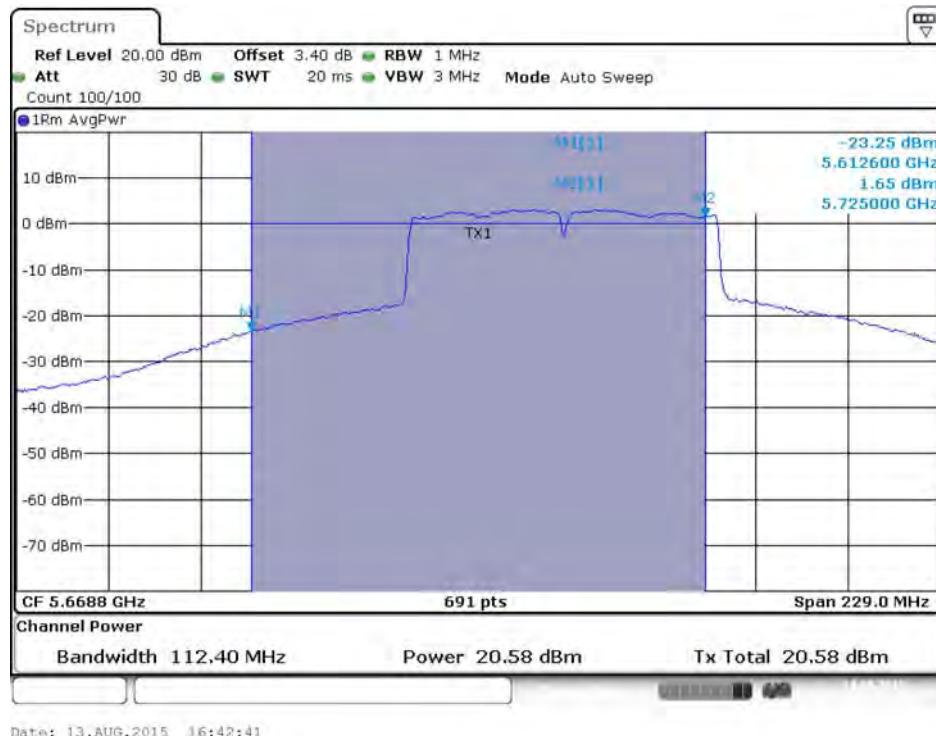
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



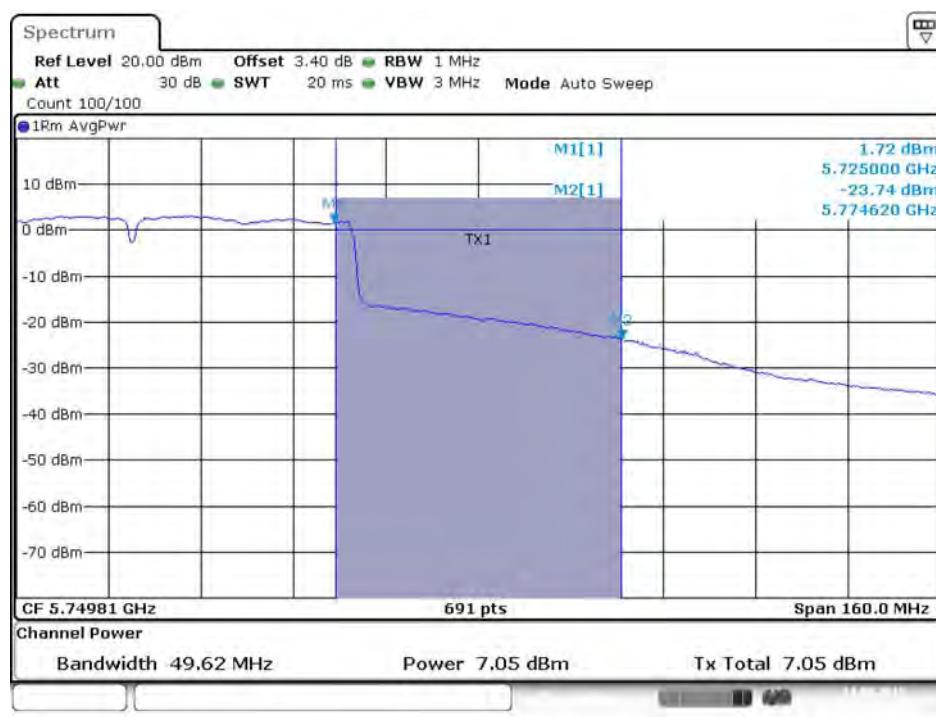
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)

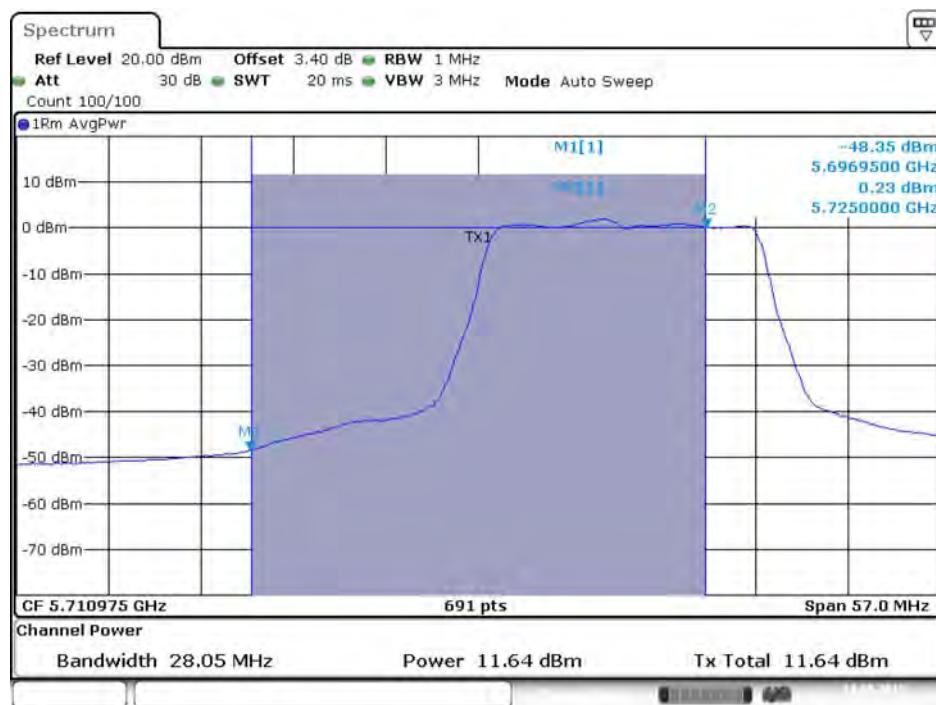
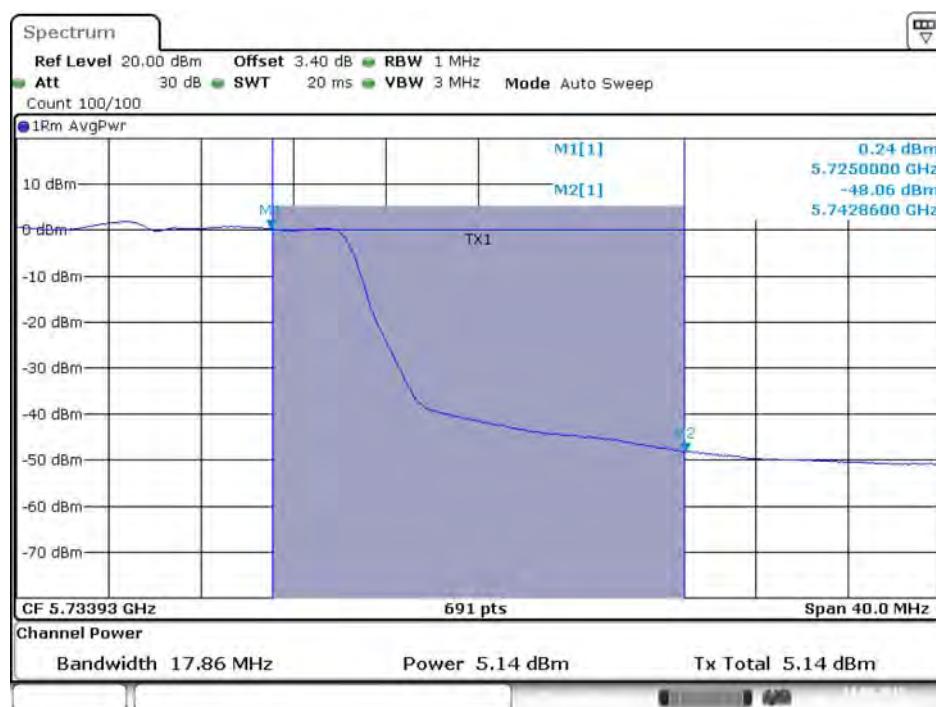


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

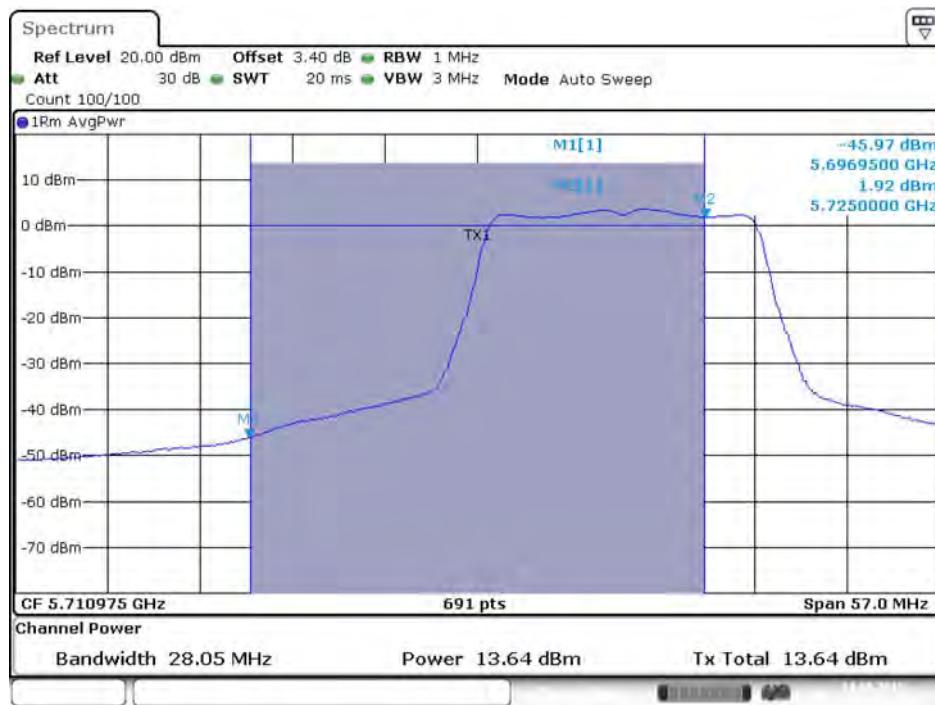


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

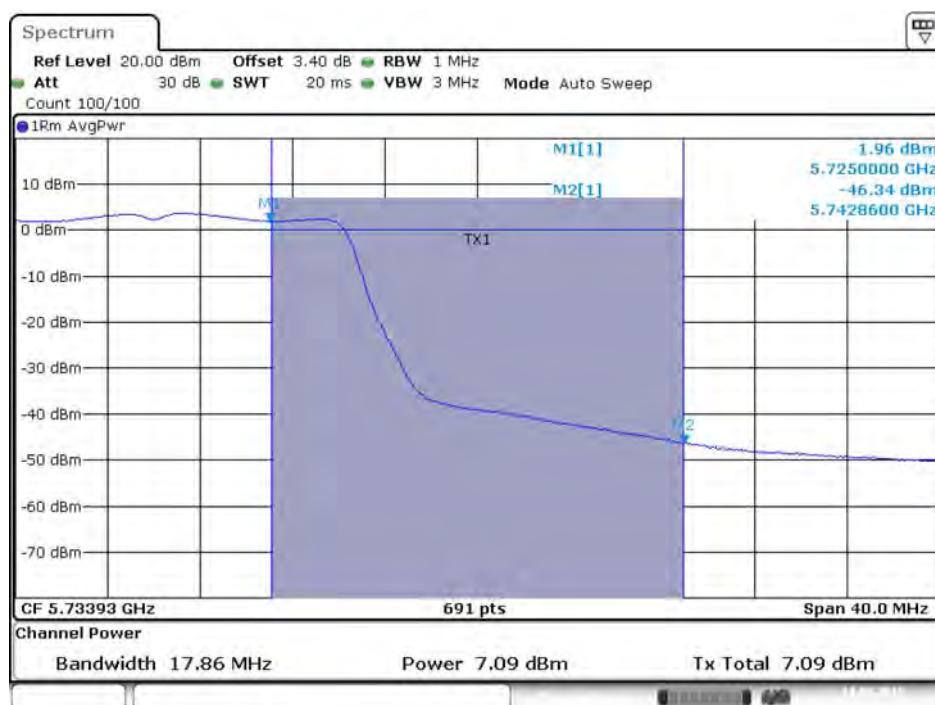


Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)


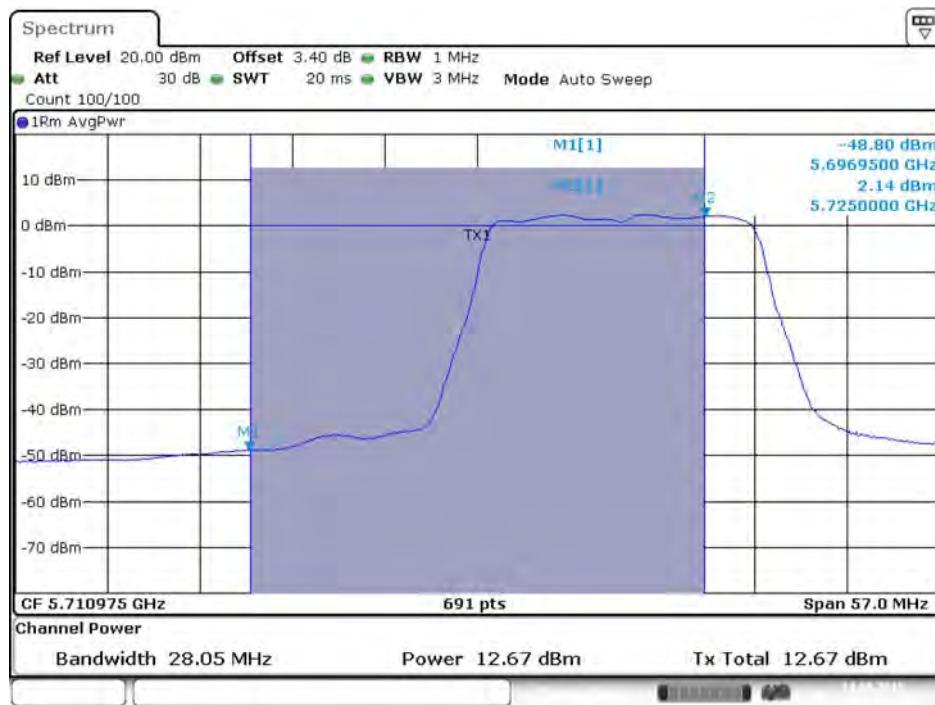
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



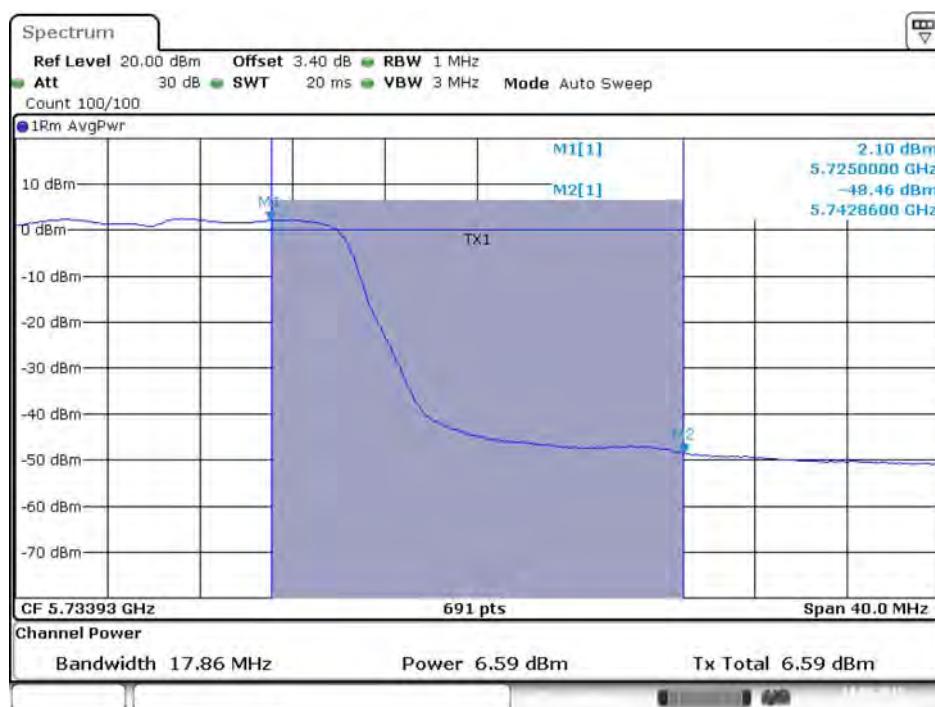
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 3)



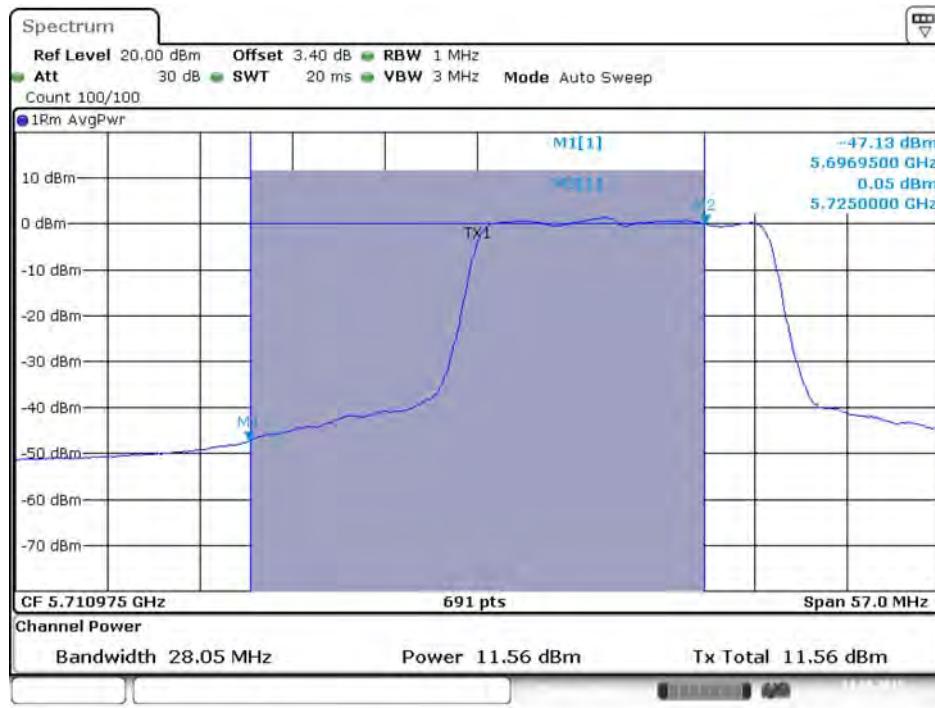
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



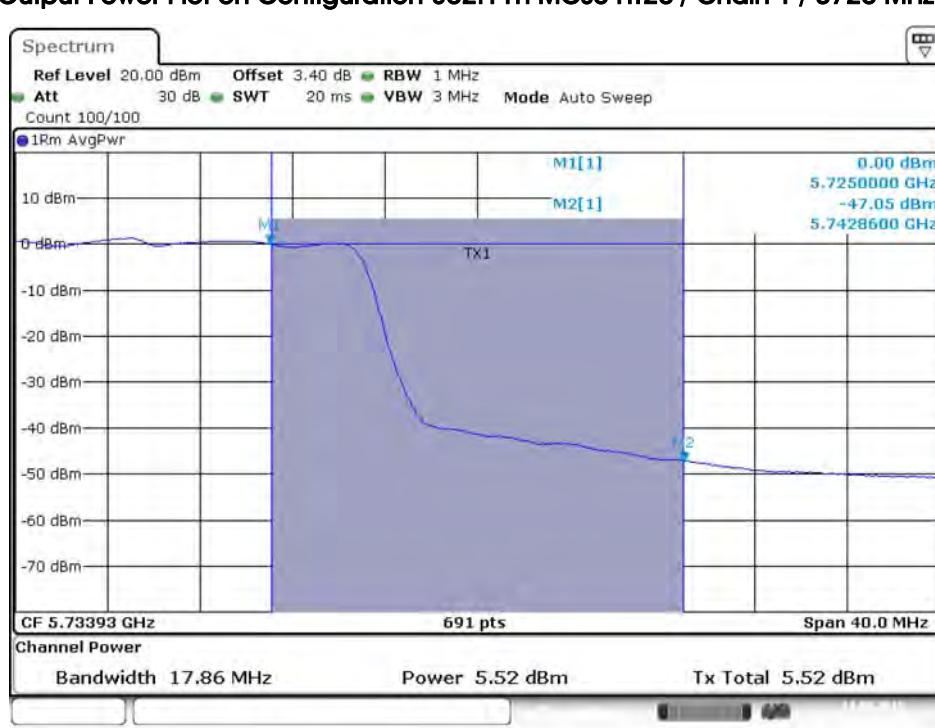
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 3)



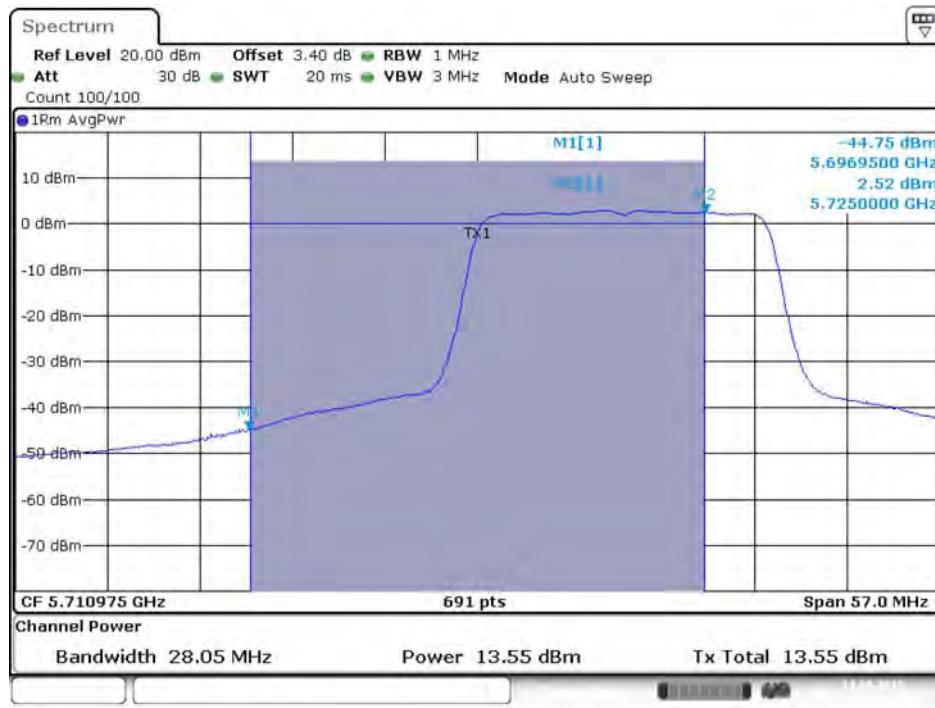
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 2C)



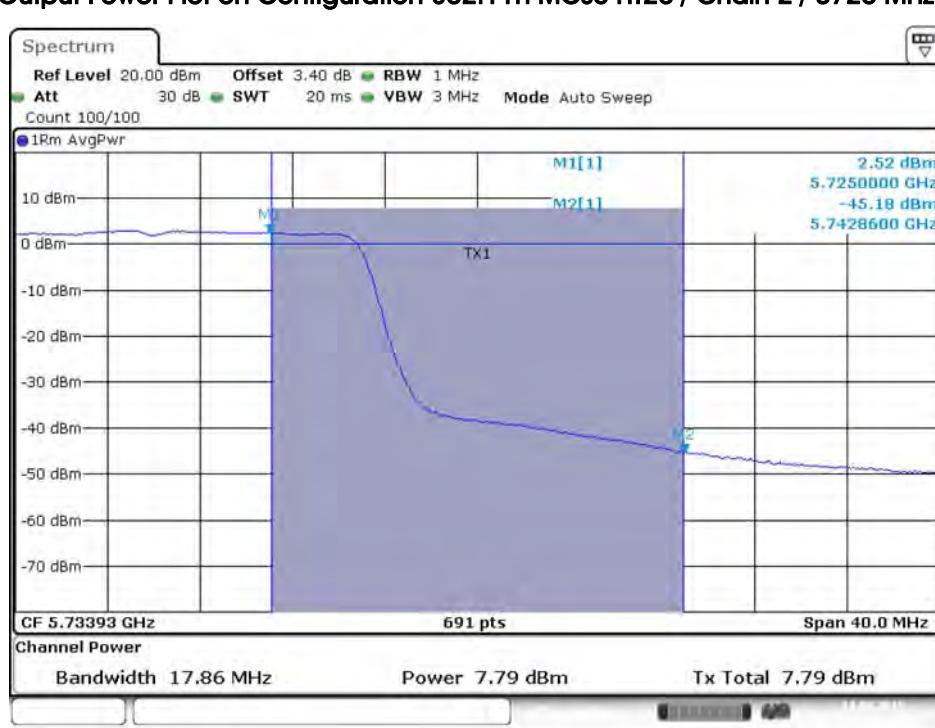
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 1 / 5720 MHz (UNII 3)



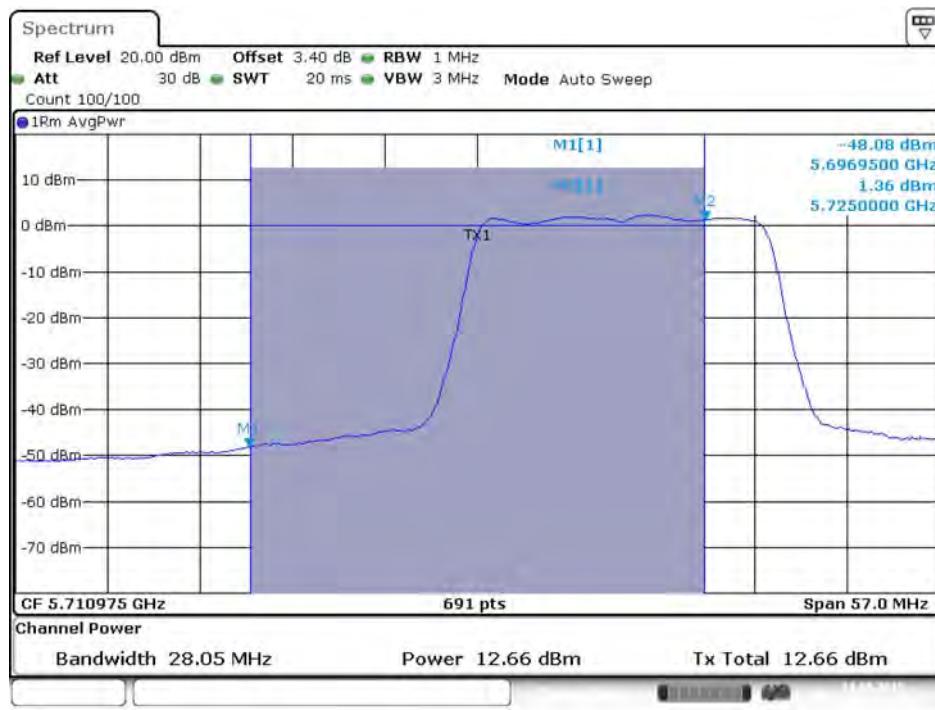
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 2C)



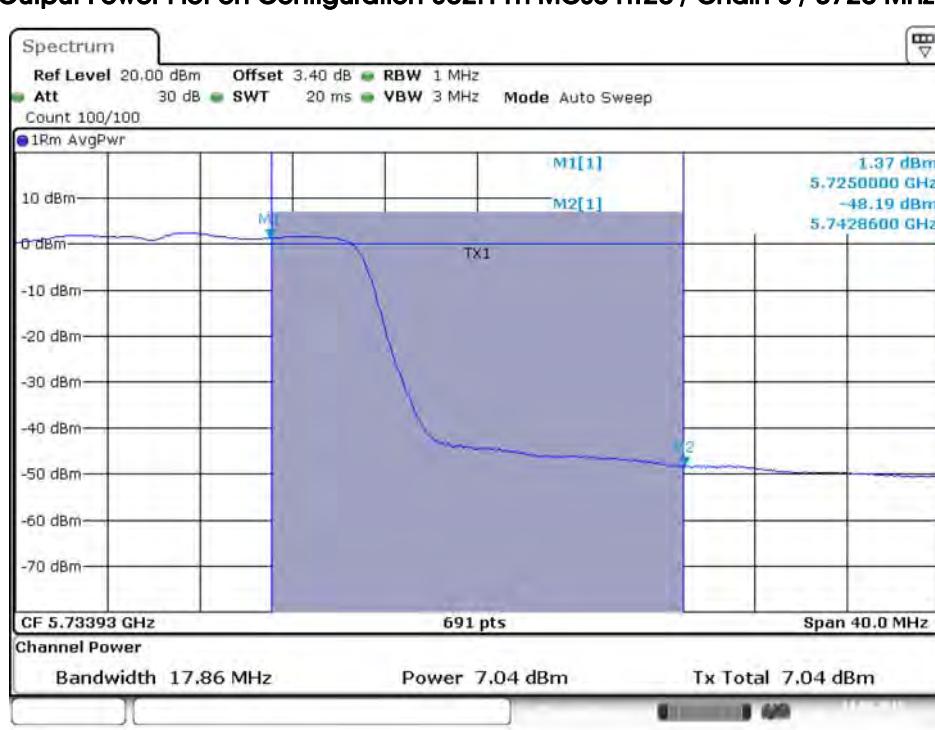
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 2 / 5720 MHz (UNII 3)



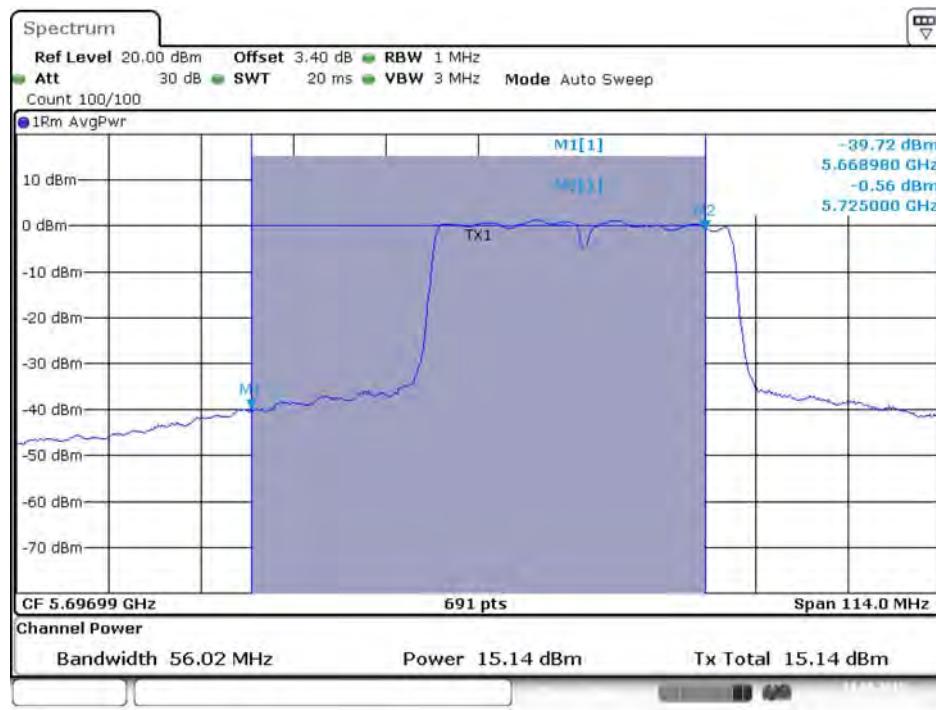
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 3 / 5720 MHz (UNII 2C)



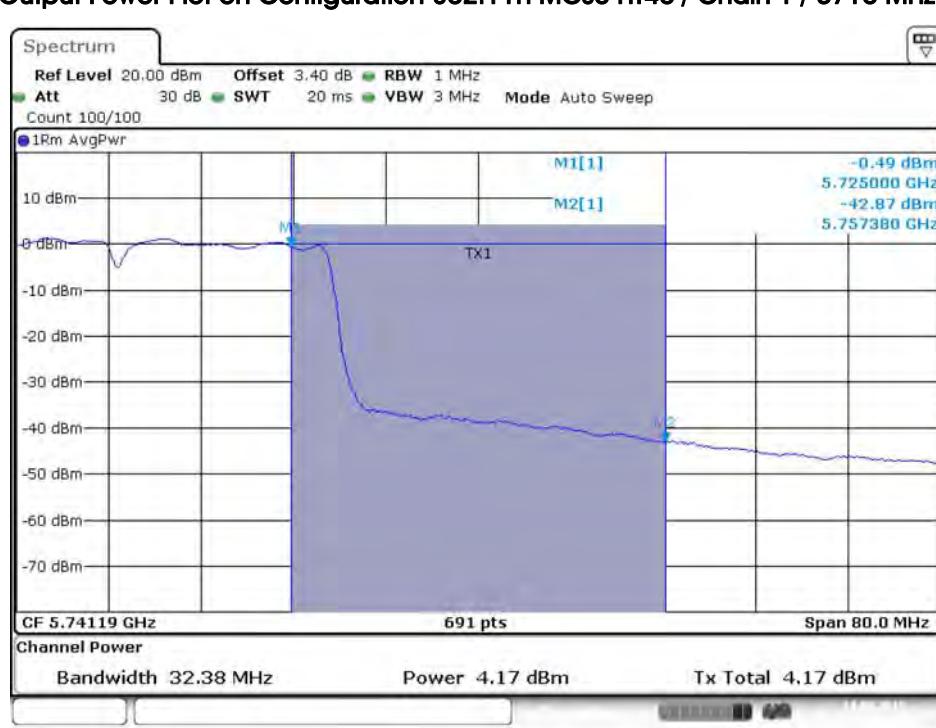
Conducted Output Power Plot on Configuration 802.11n MCS0 HT20 / Chain 3 / 5720 MHz (UNII 3)



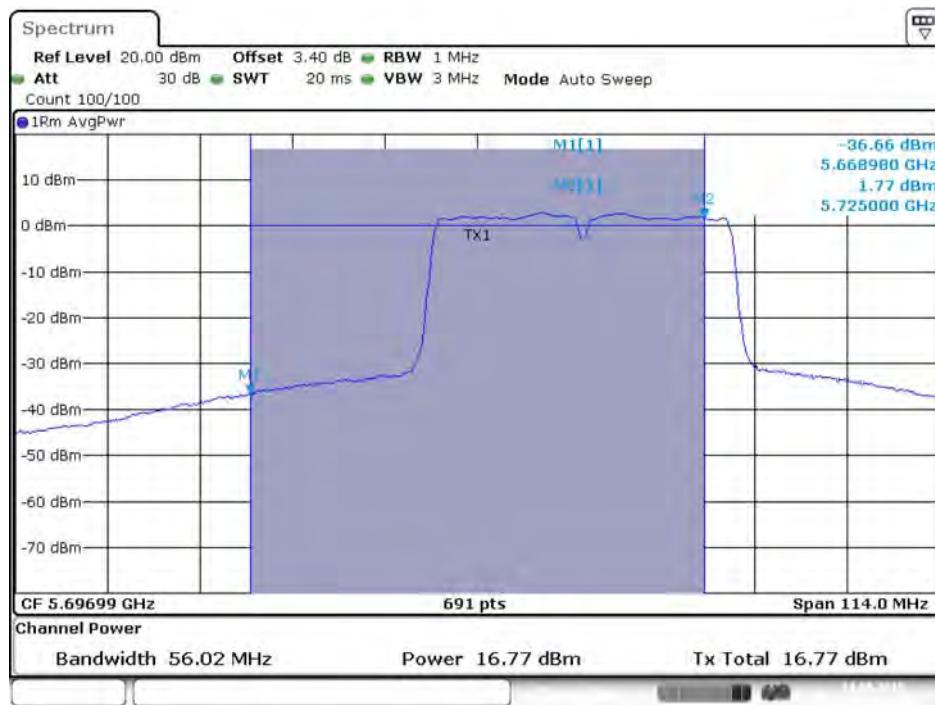
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 2C)



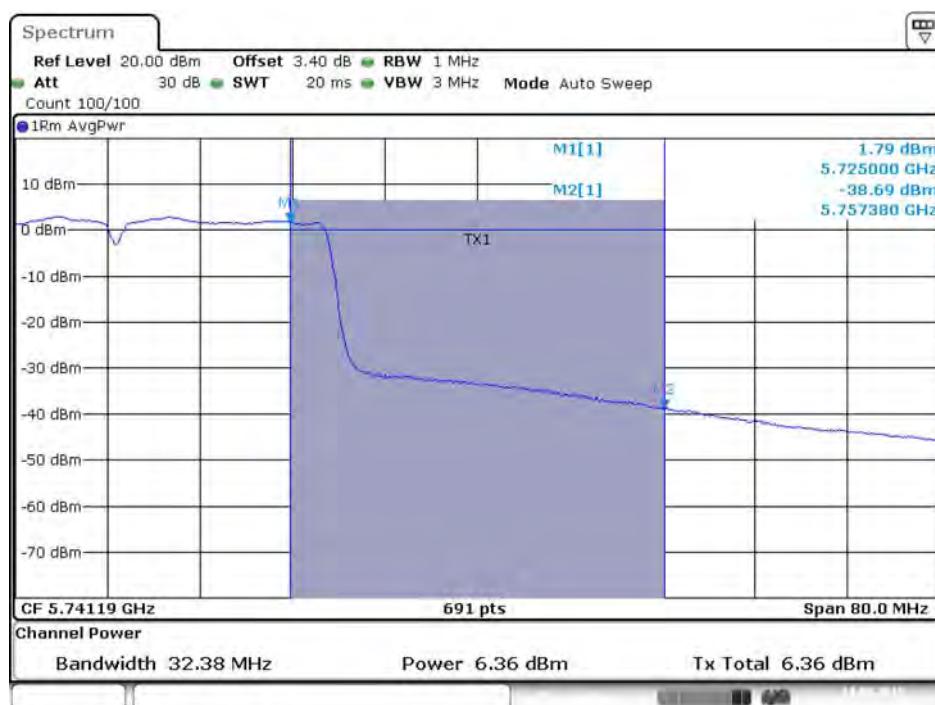
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 1 / 5710 MHz (UNII 3)



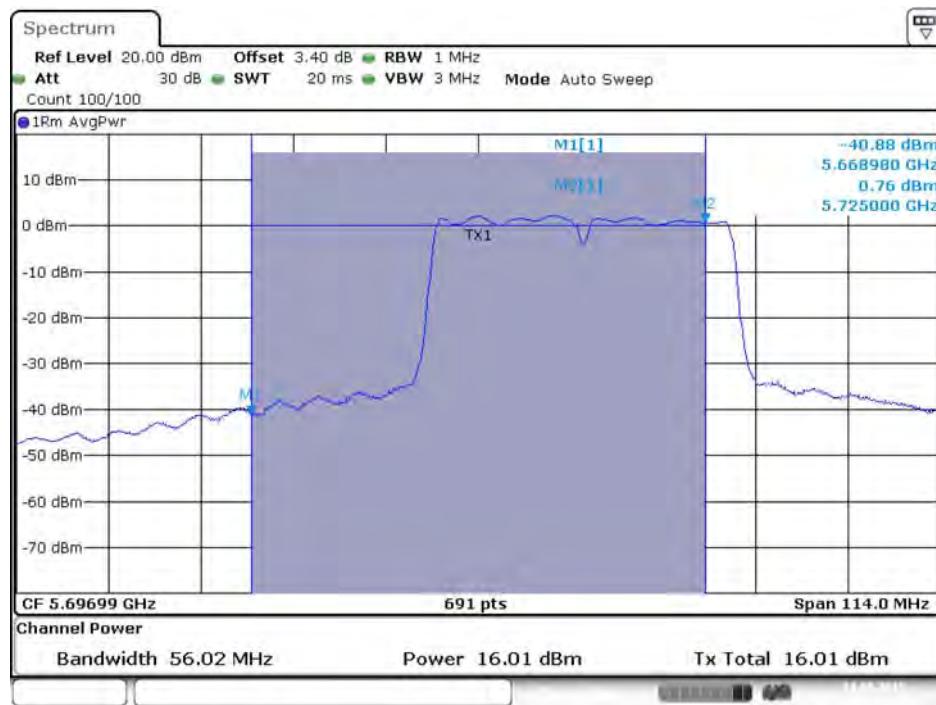
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 2C)



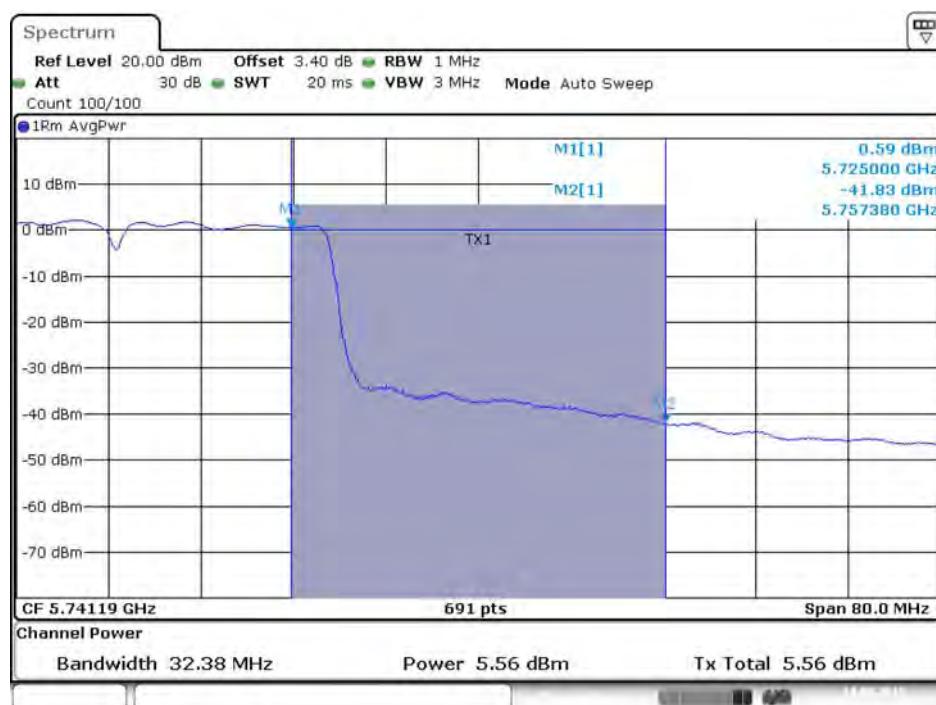
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 2 / 5710 MHz (UNII 3)



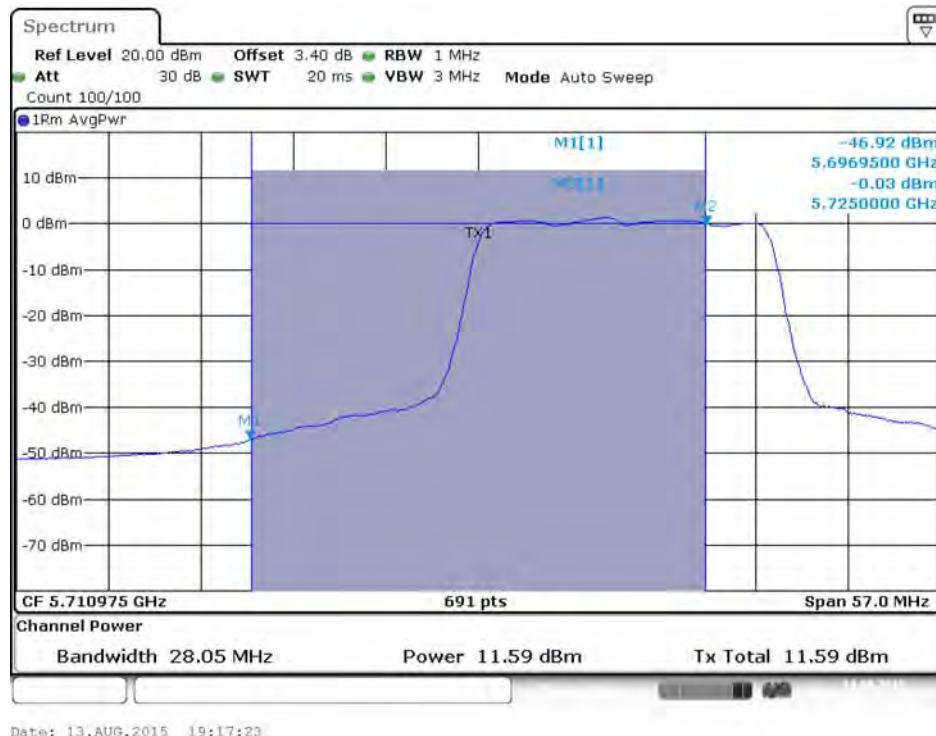
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 3 / 5710 MHz (UNII 2C)



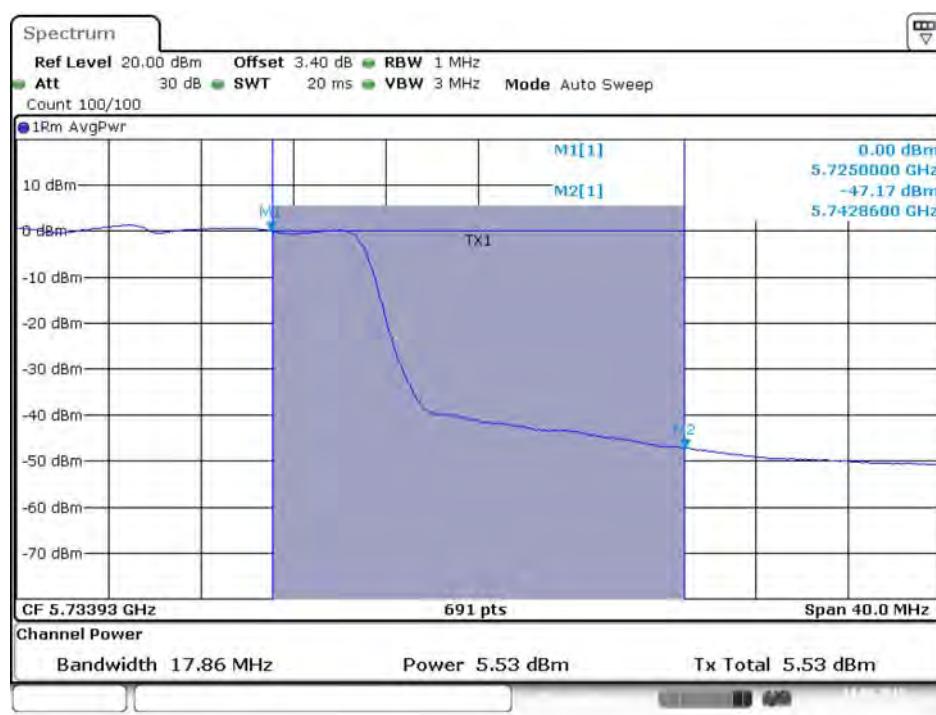
Conducted Output Power Plot on Configuration 802.11n MCS0 HT40 / Chain 3 / 5710 MHz (UNII 3)



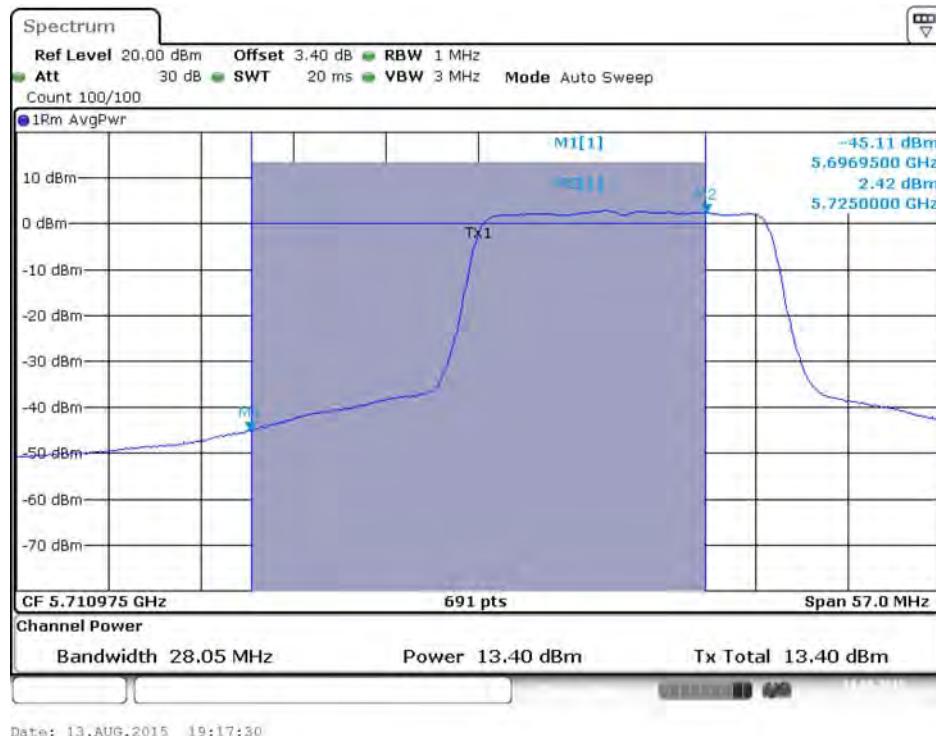
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



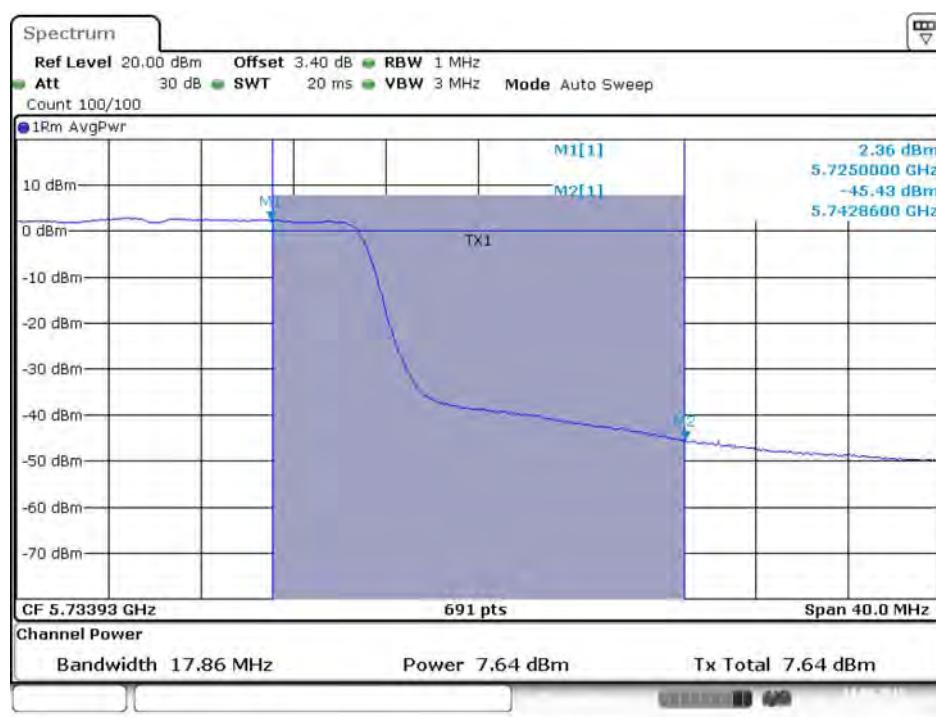
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



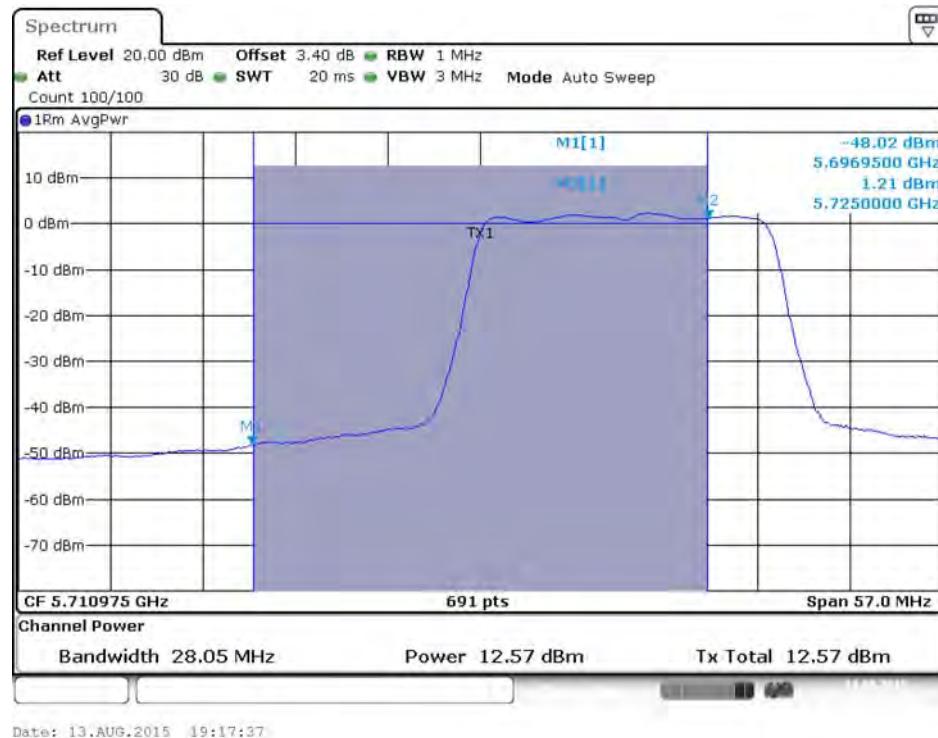
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



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



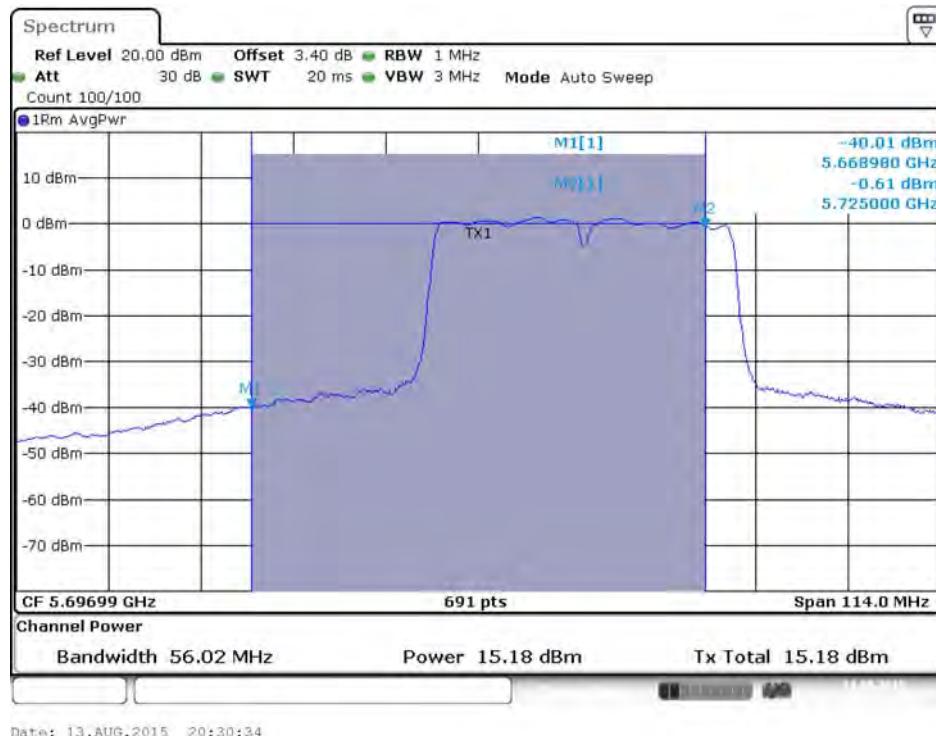
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



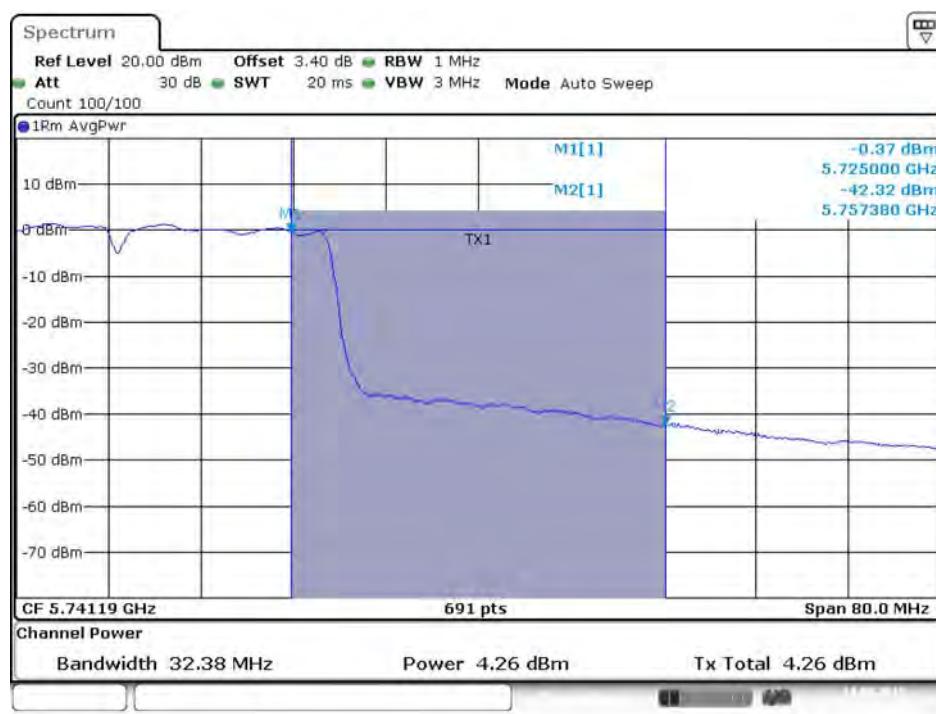
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



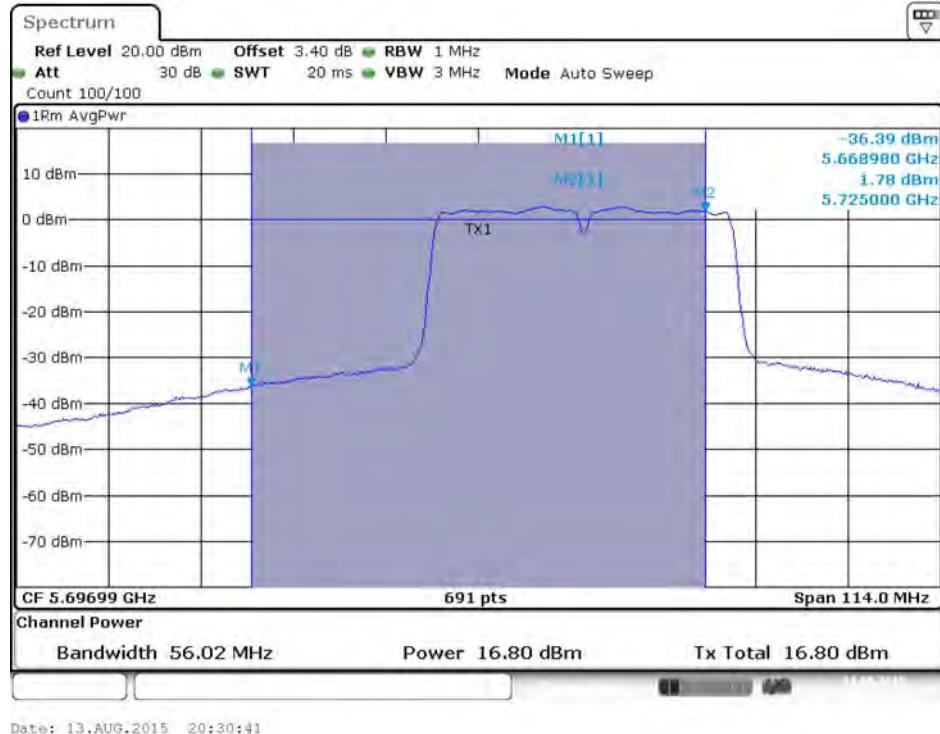
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



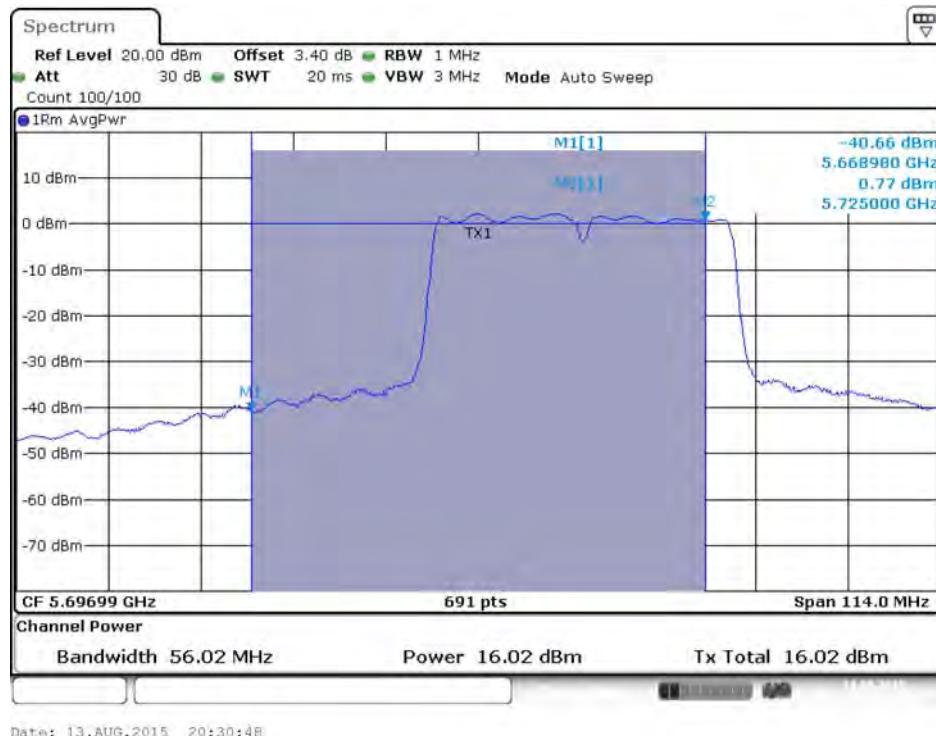
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



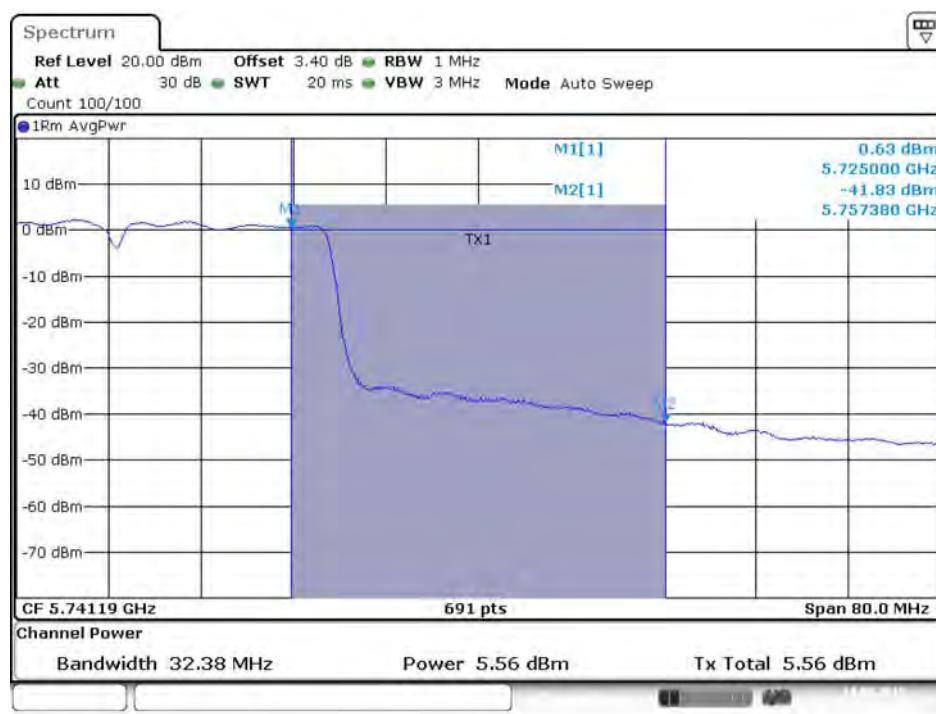
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



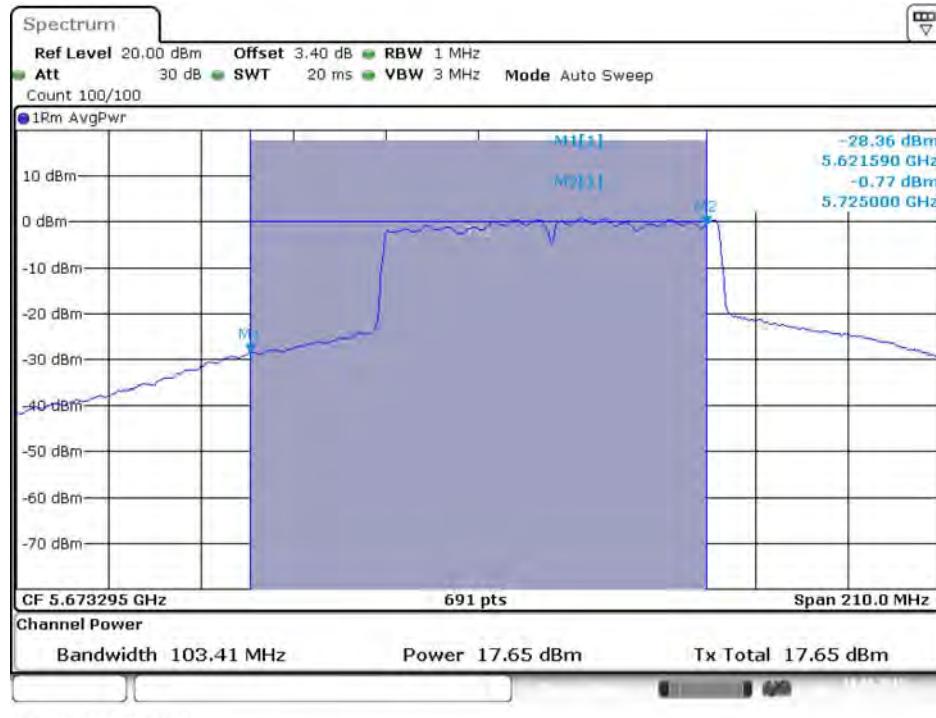
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



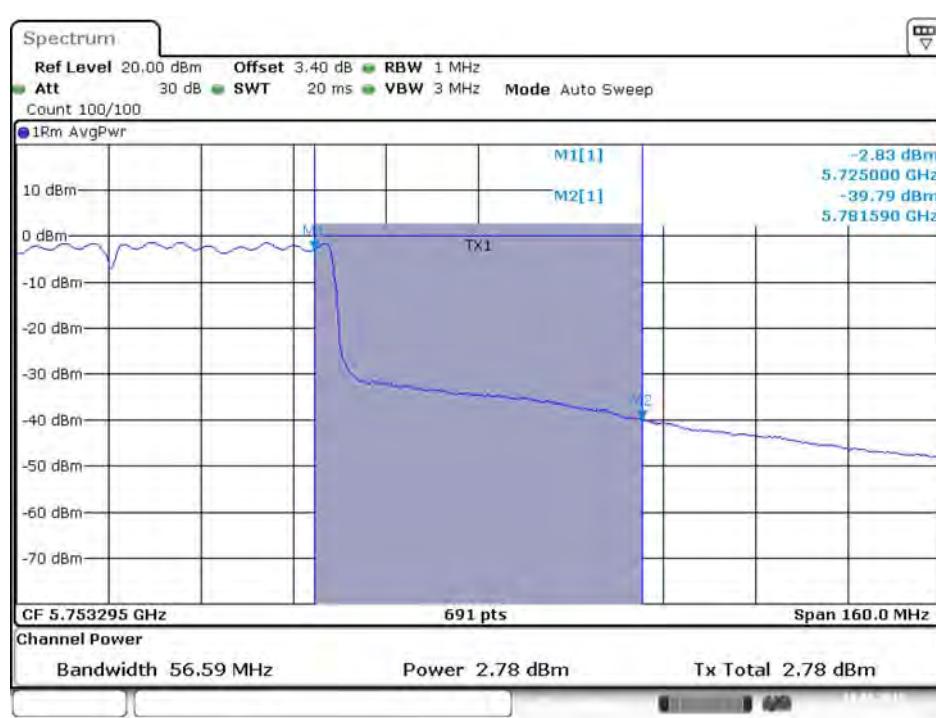
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



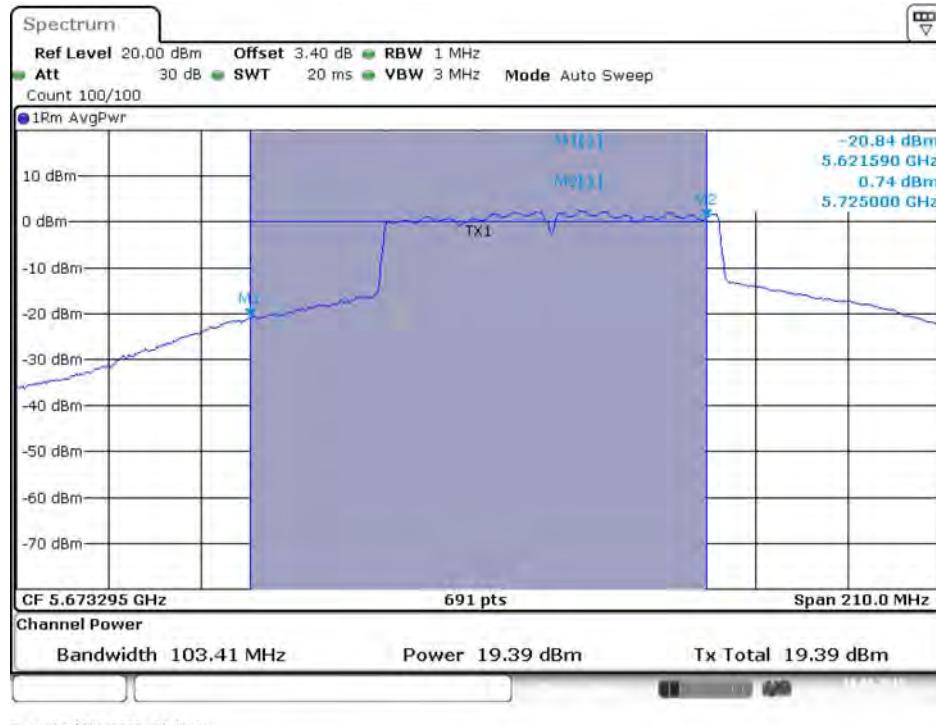
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



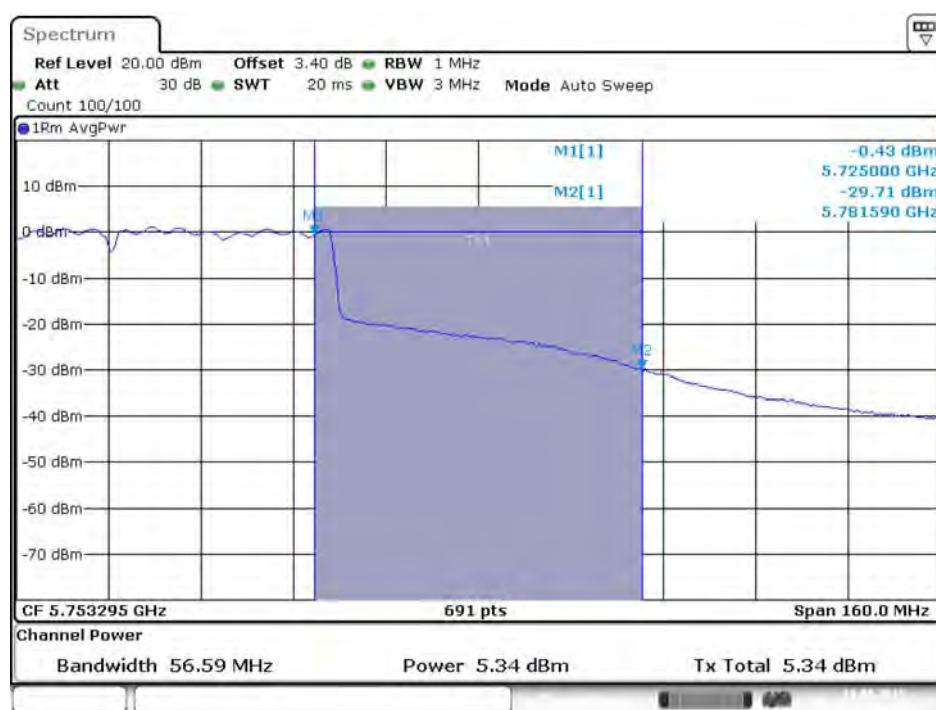
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



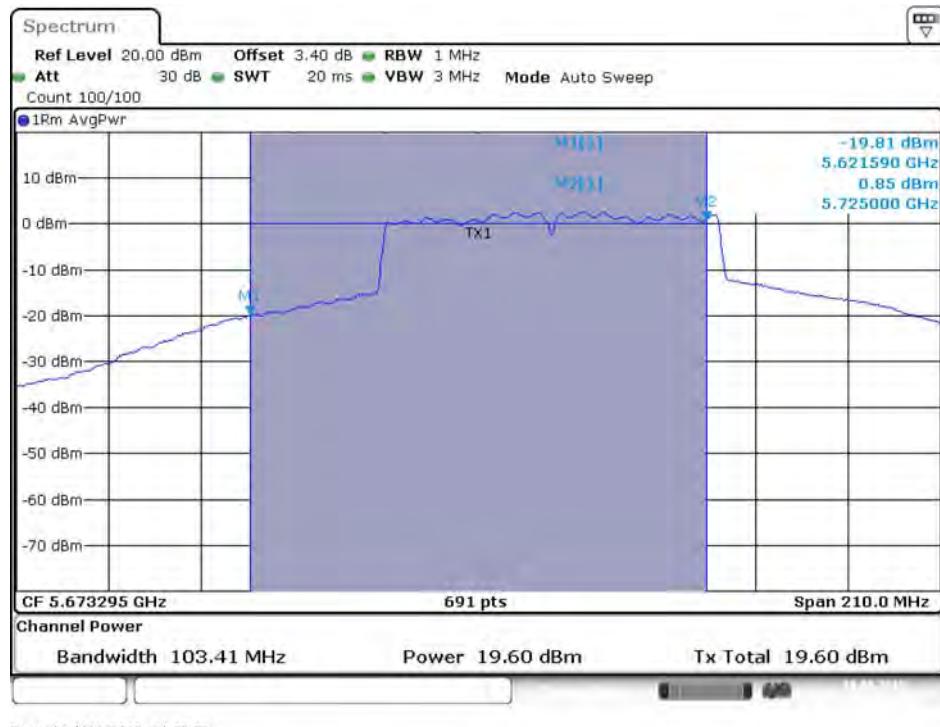
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



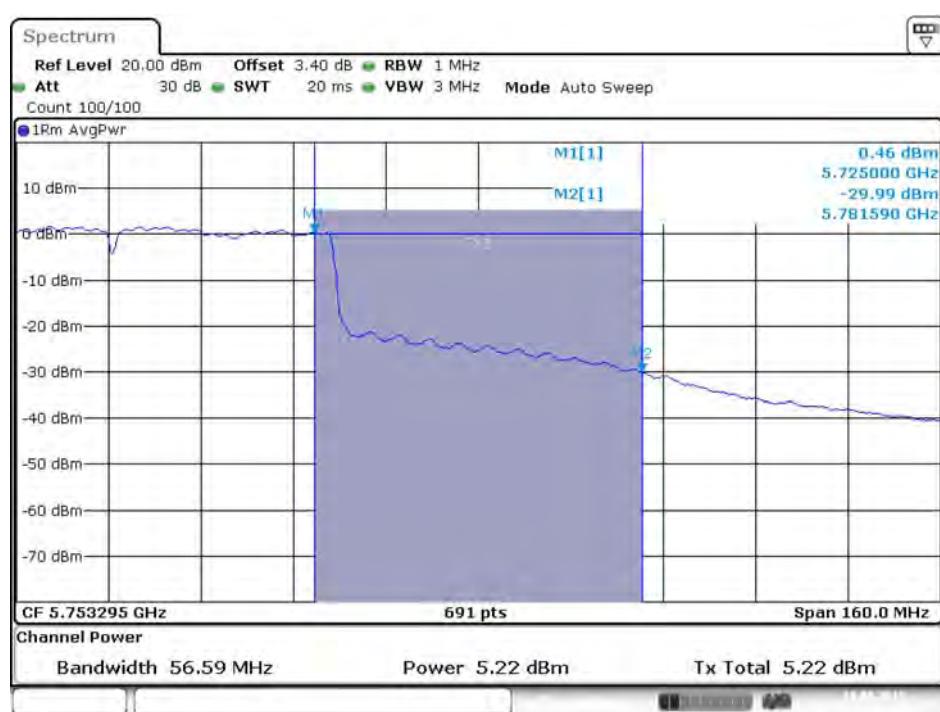
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



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



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

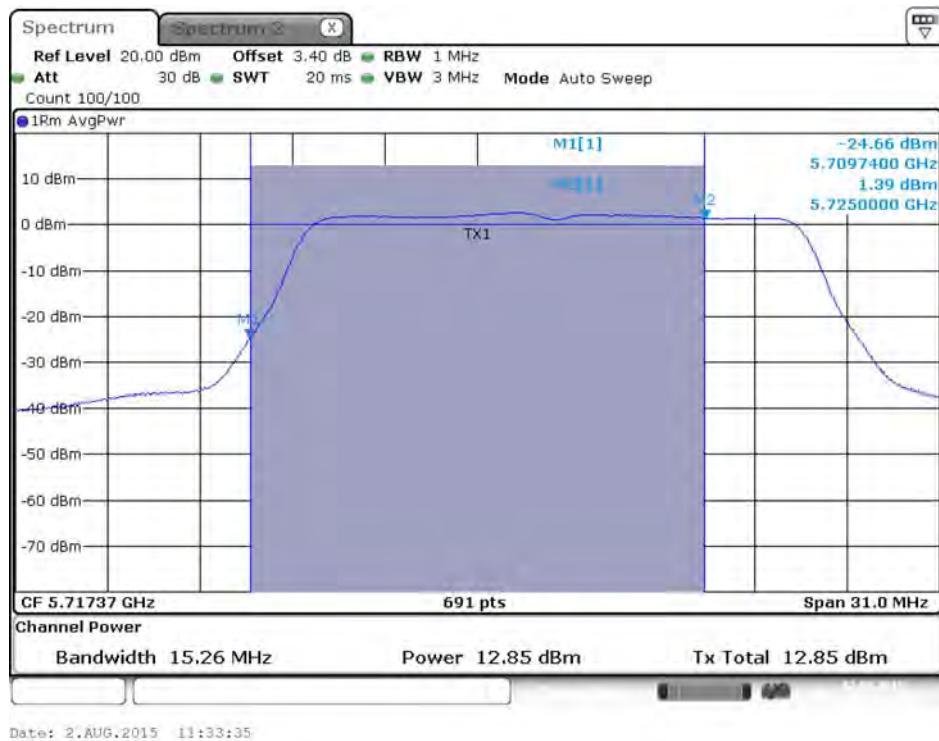


<For Beamforming Mode>

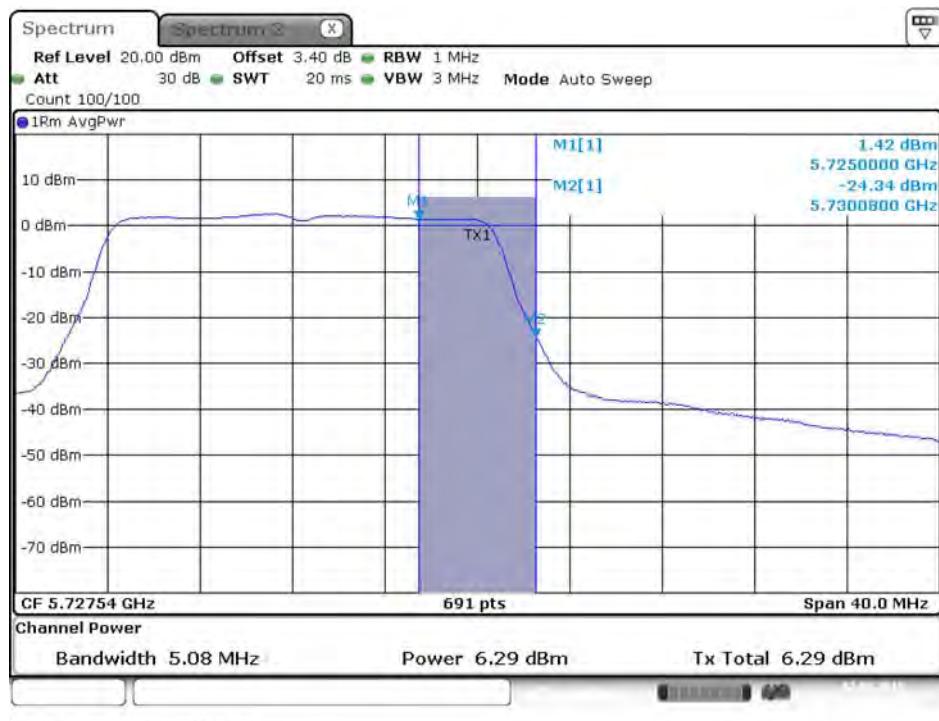
Straddle Channel: indoor / outdoor use

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)

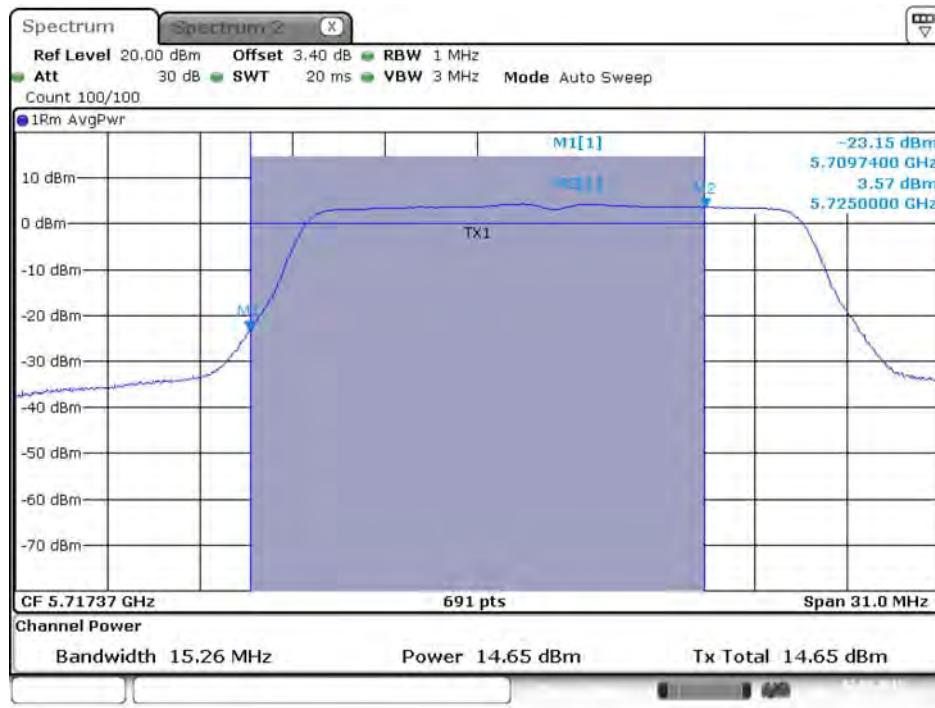
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)



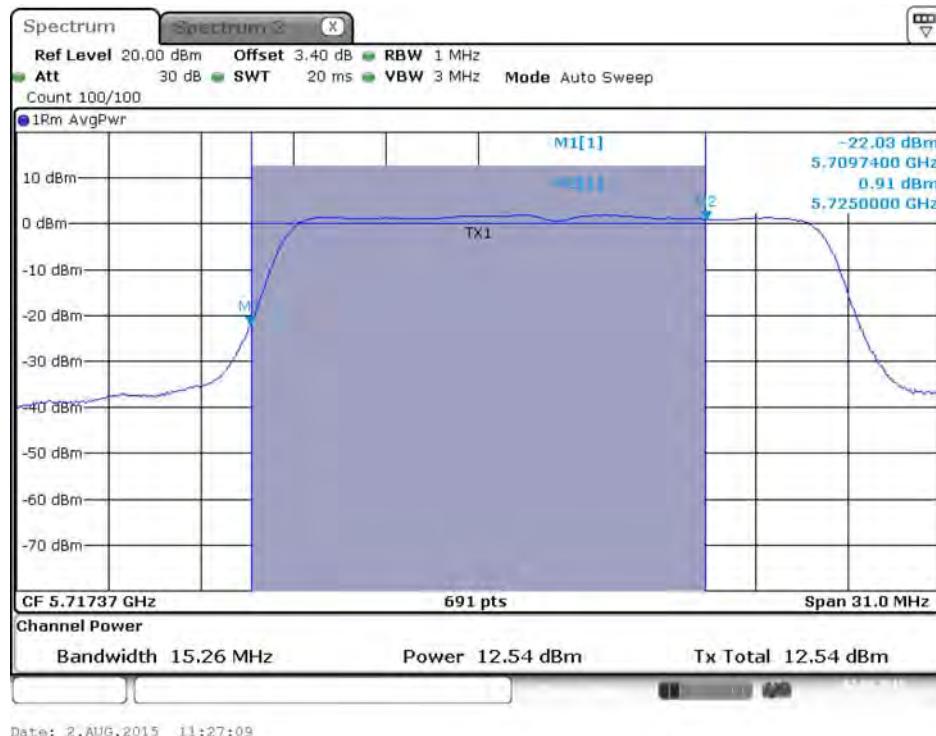
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



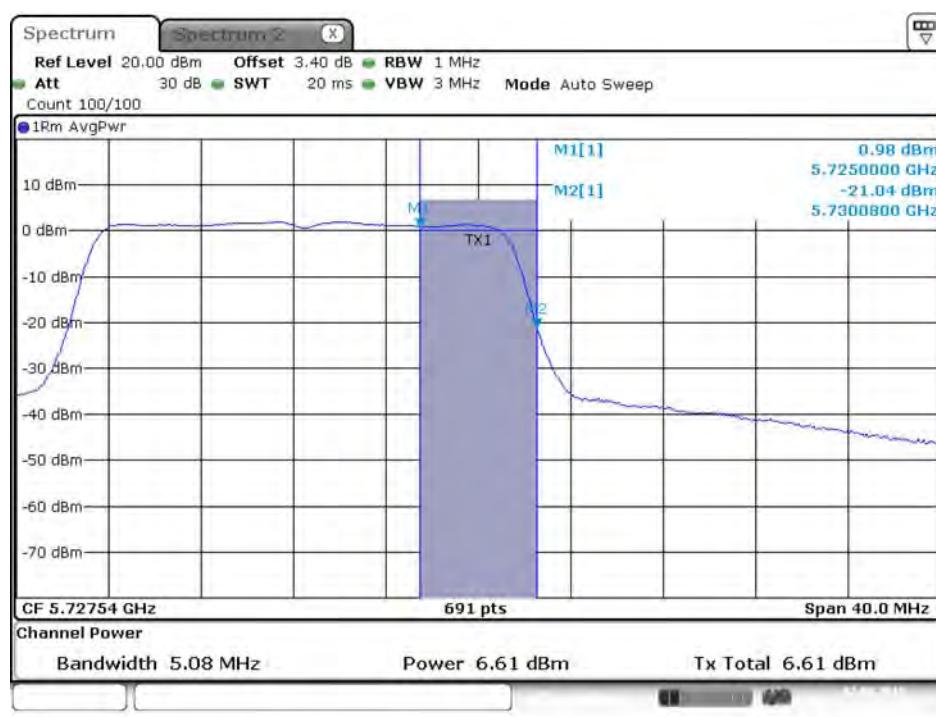
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 3)



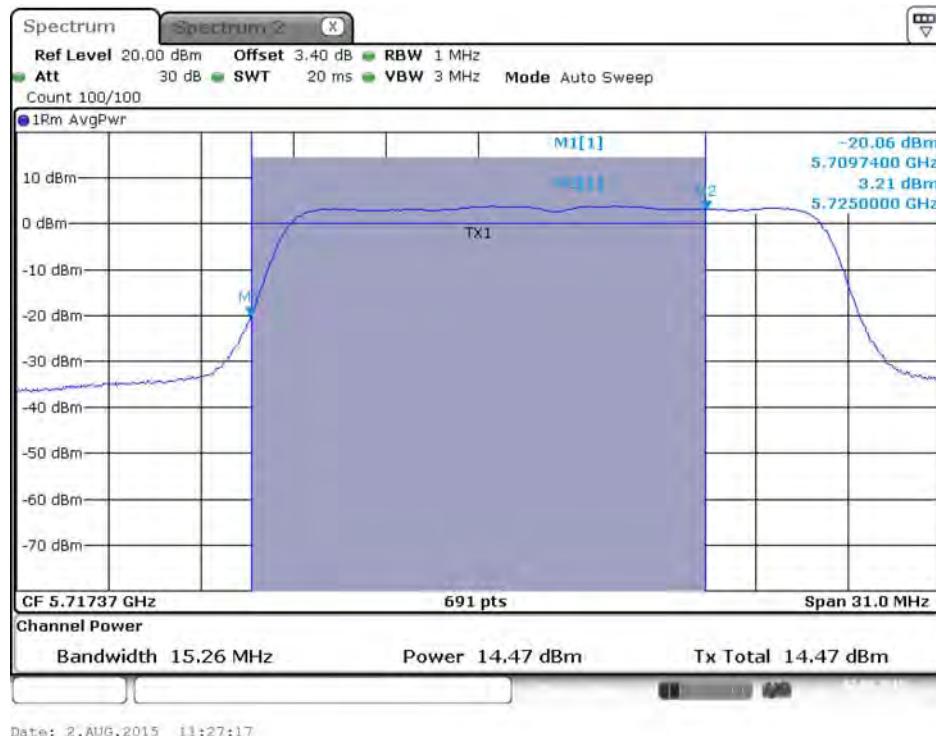
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



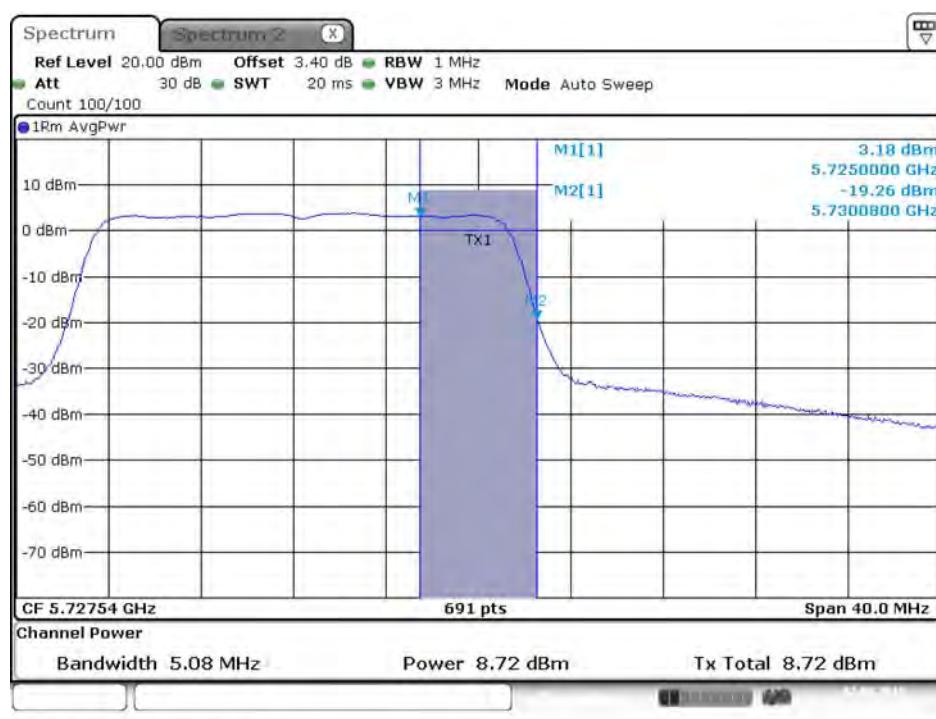
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



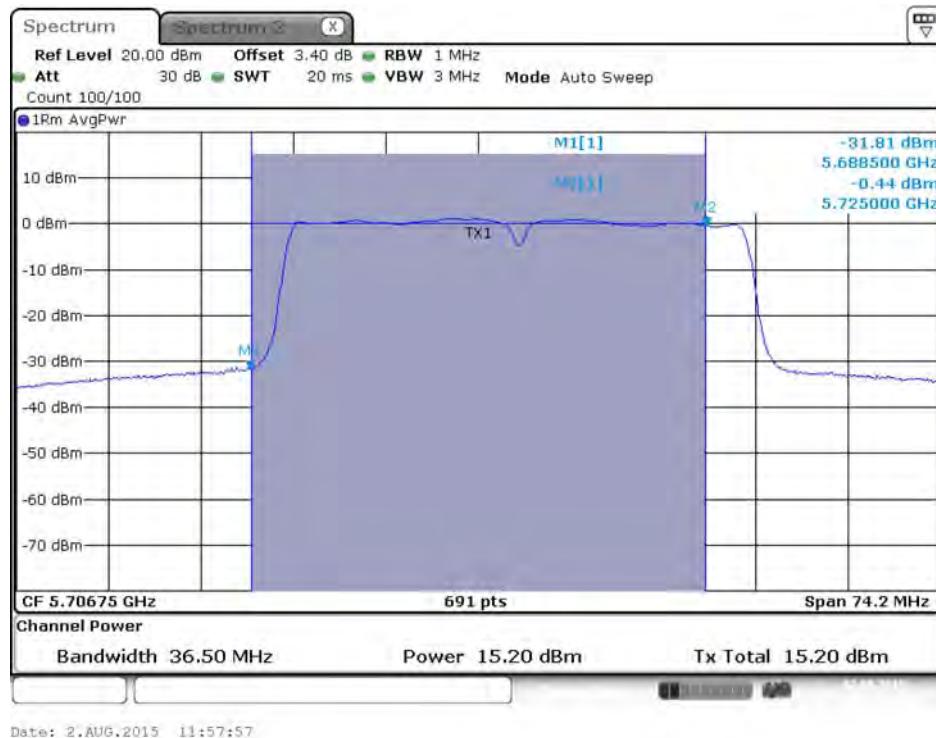
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



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



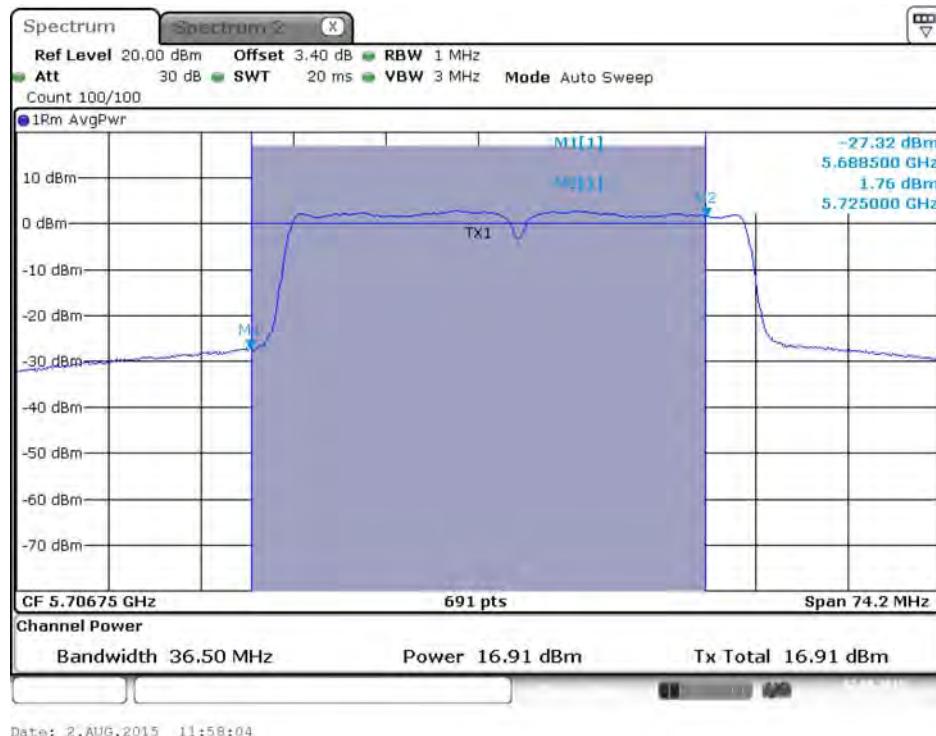
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



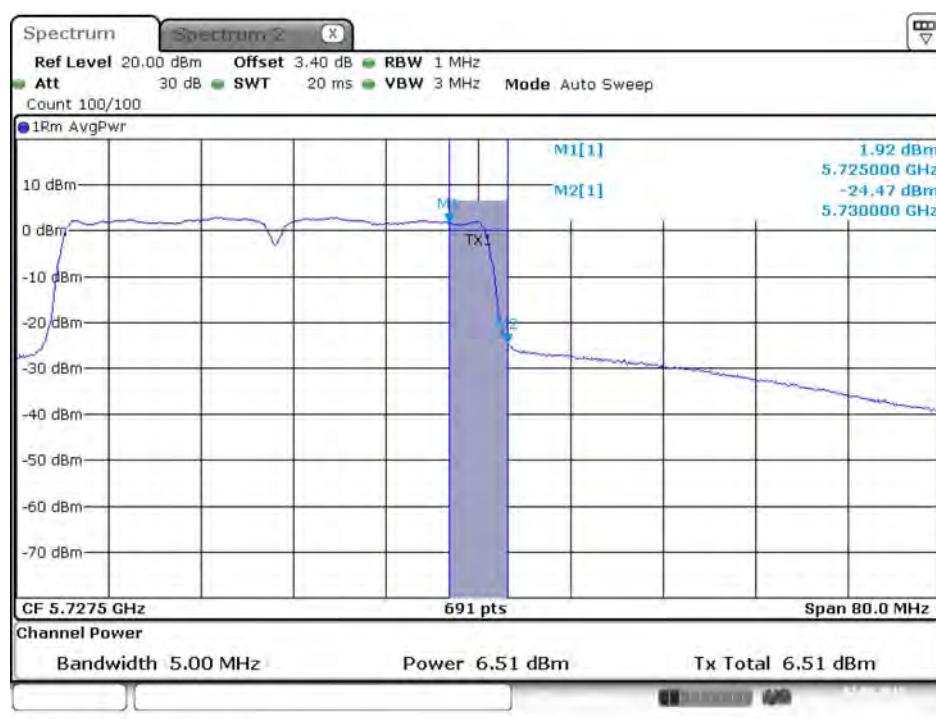
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



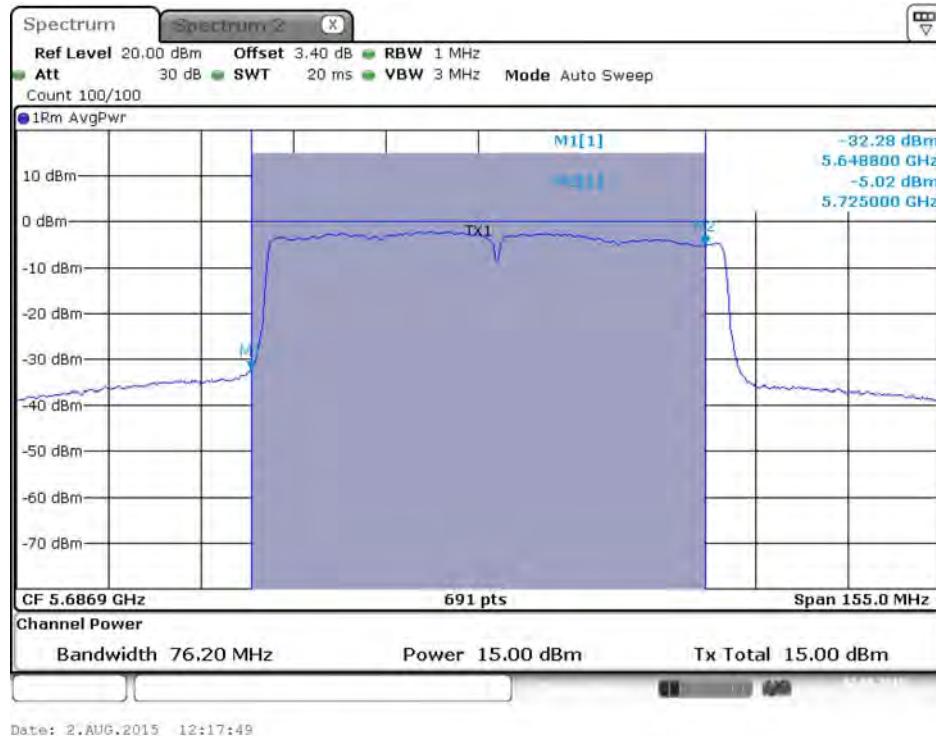
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



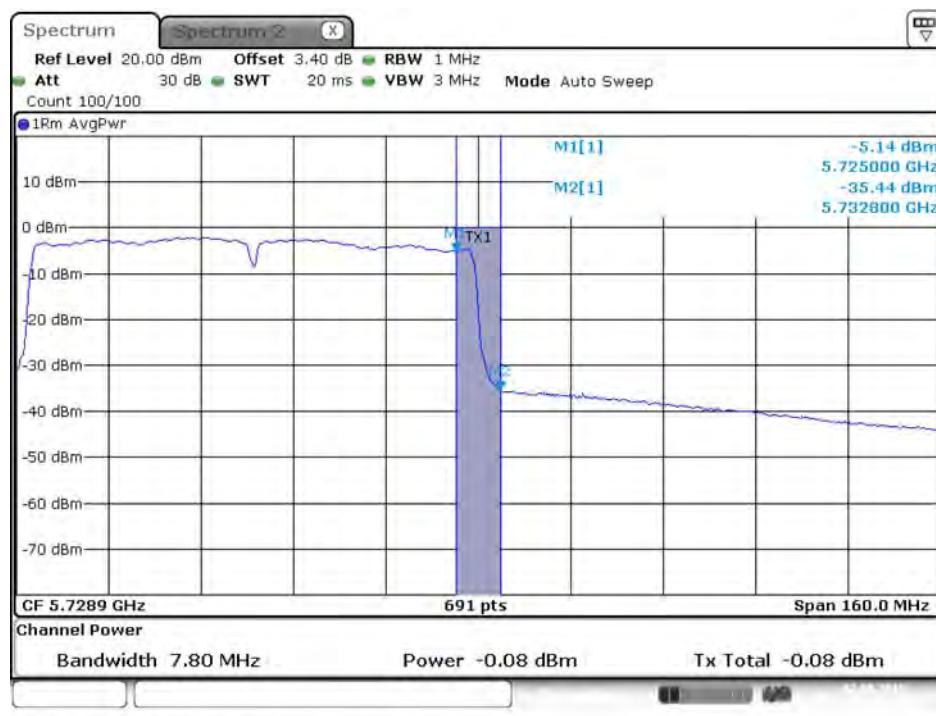
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



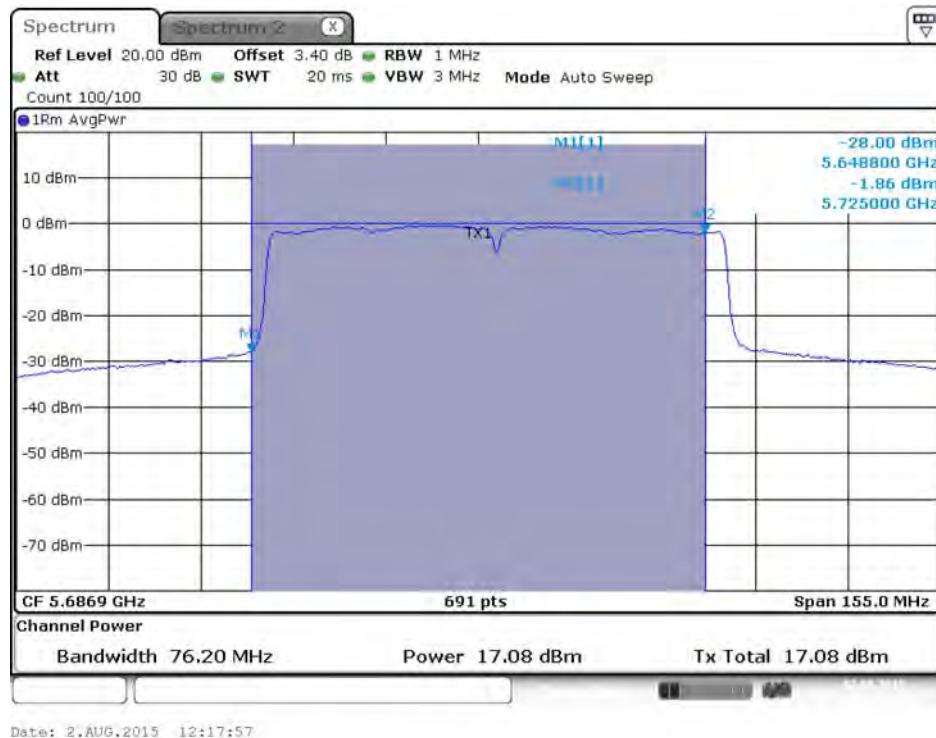
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



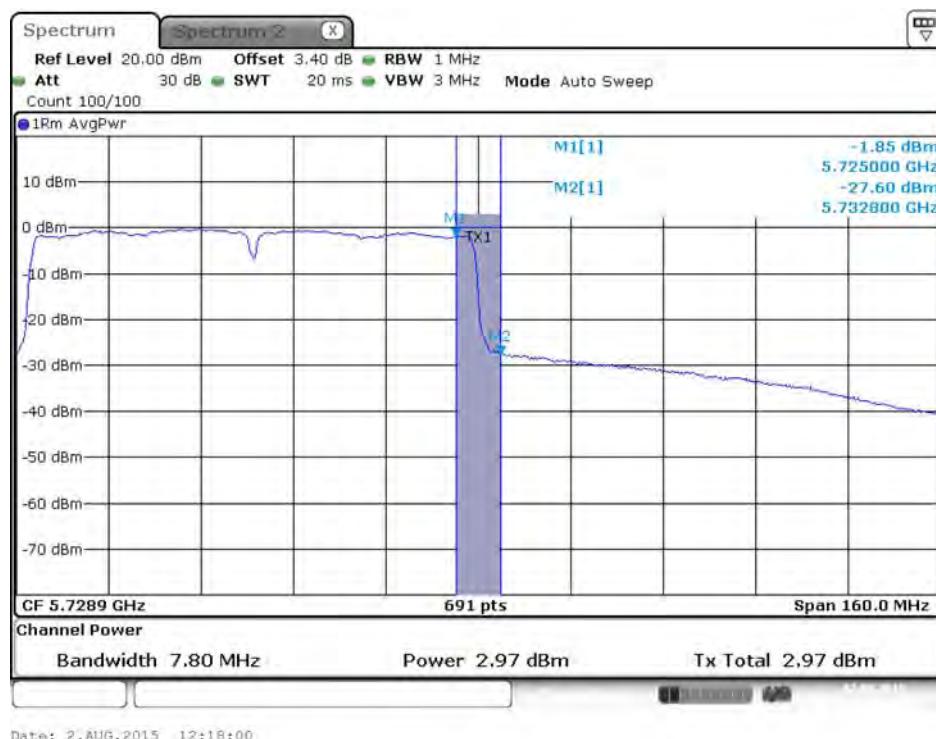
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)

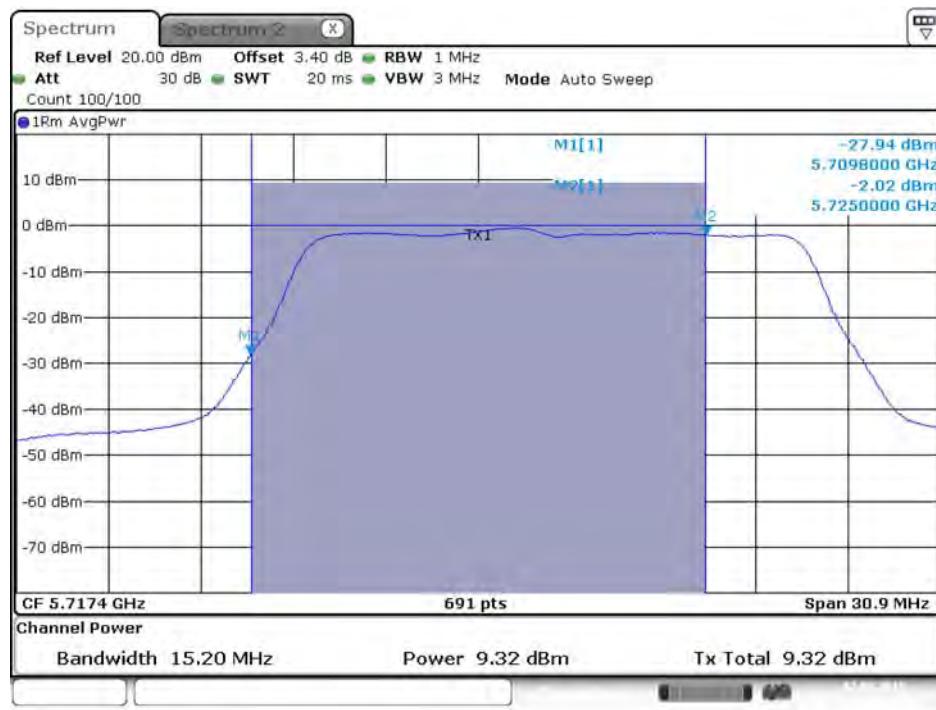
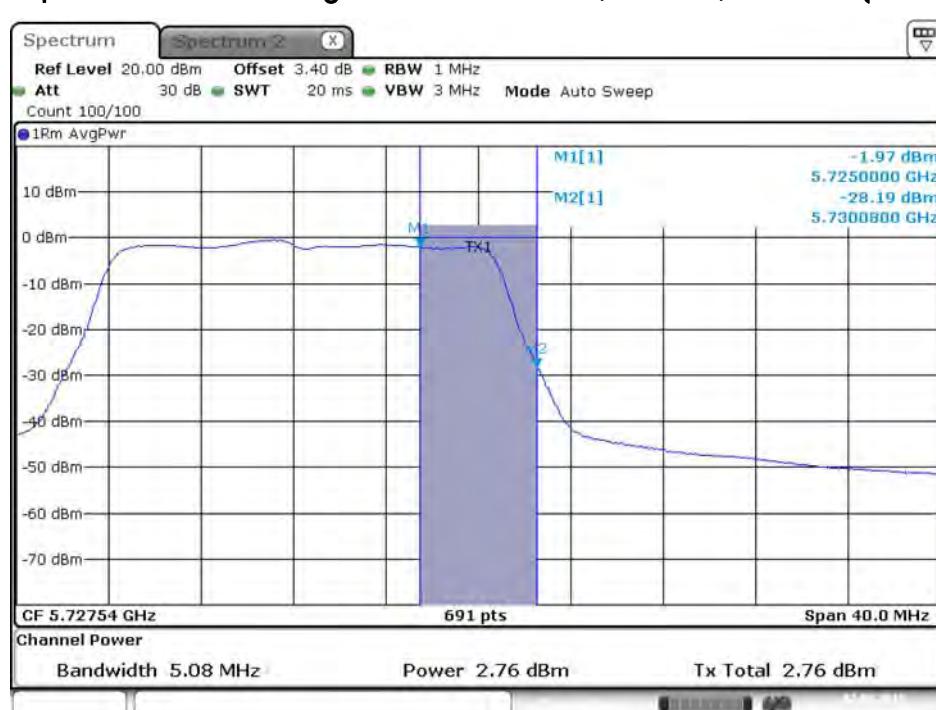


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

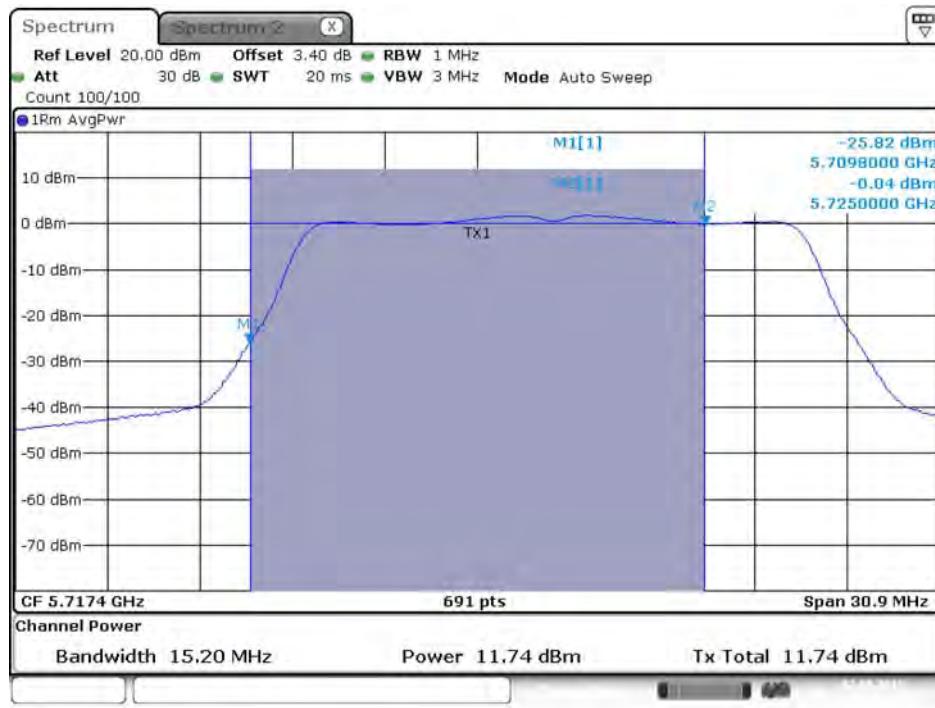


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

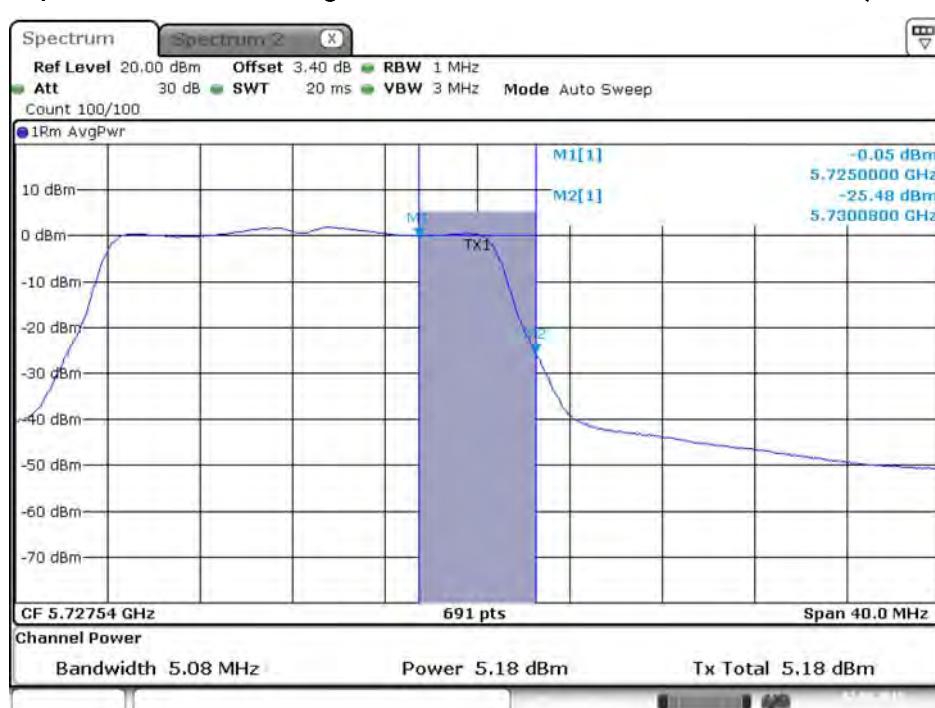


Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 3)


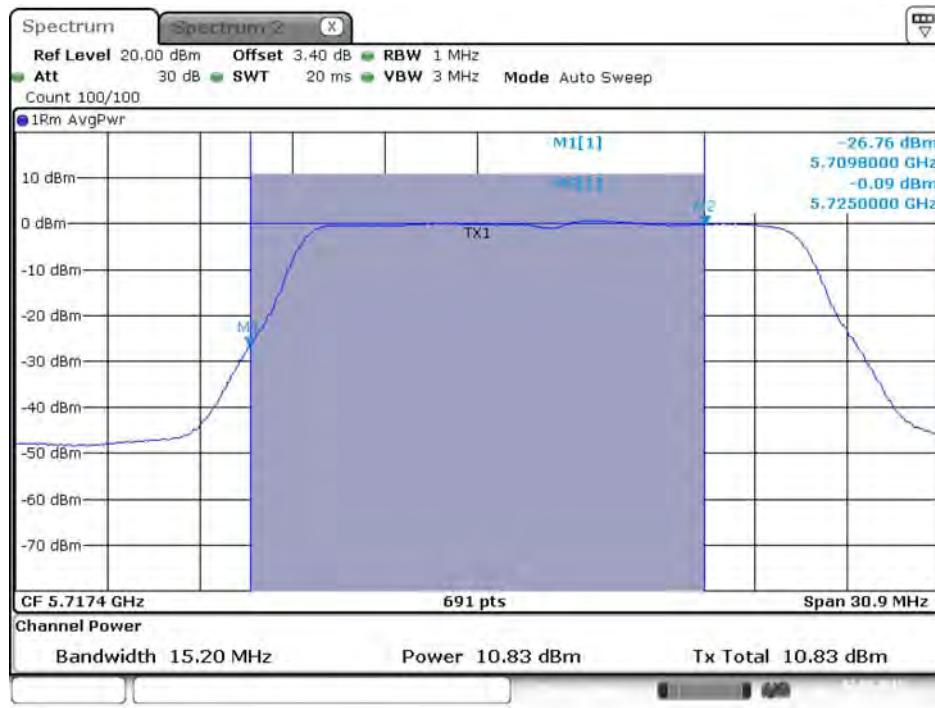
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



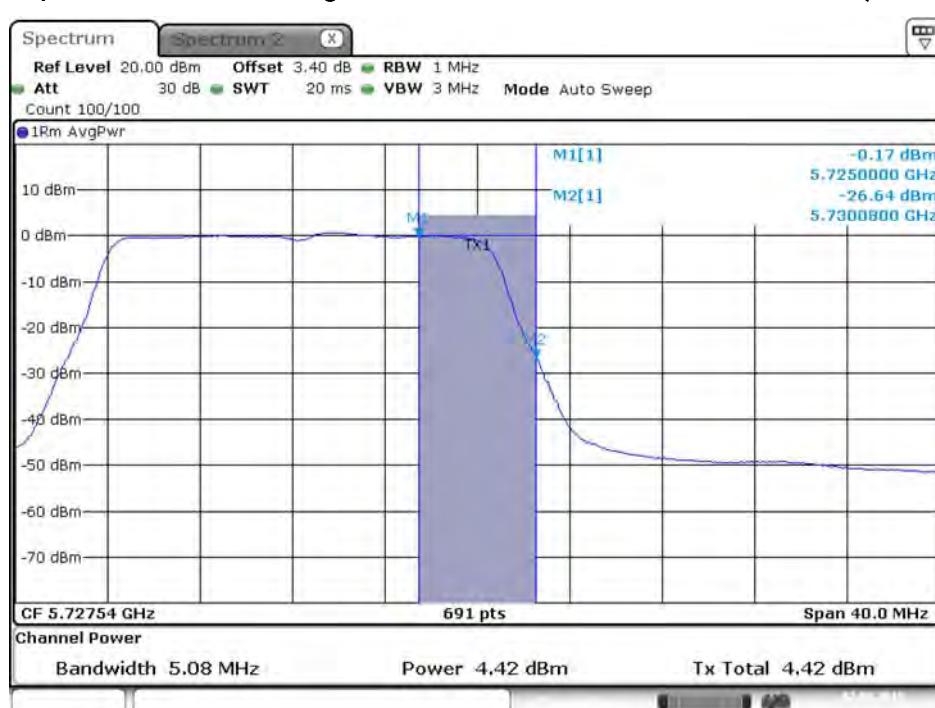
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 3)



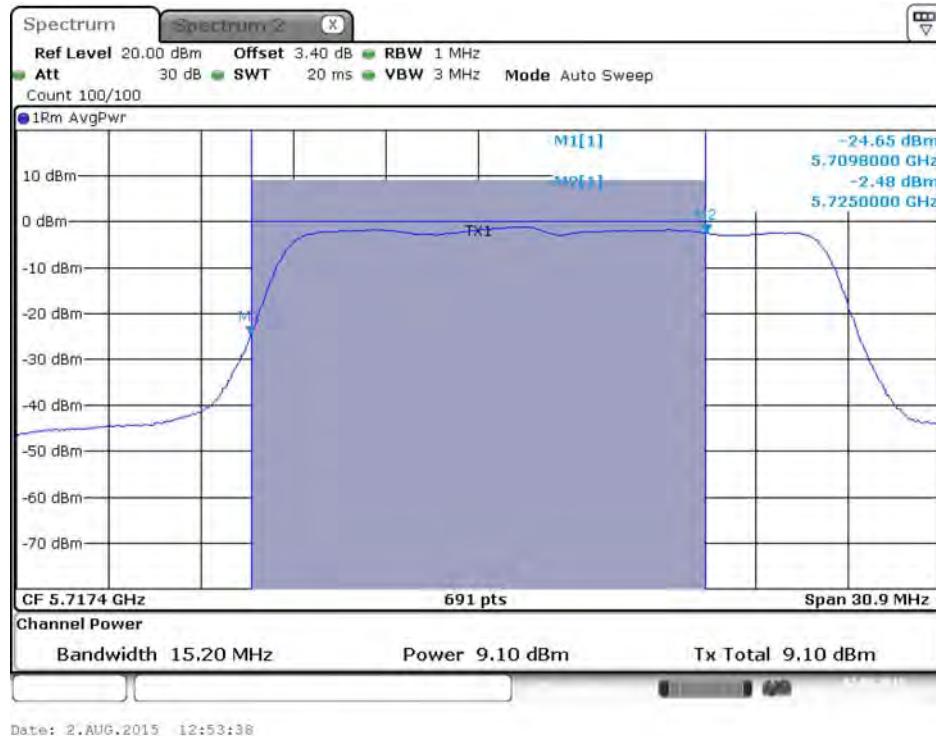
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 2C)



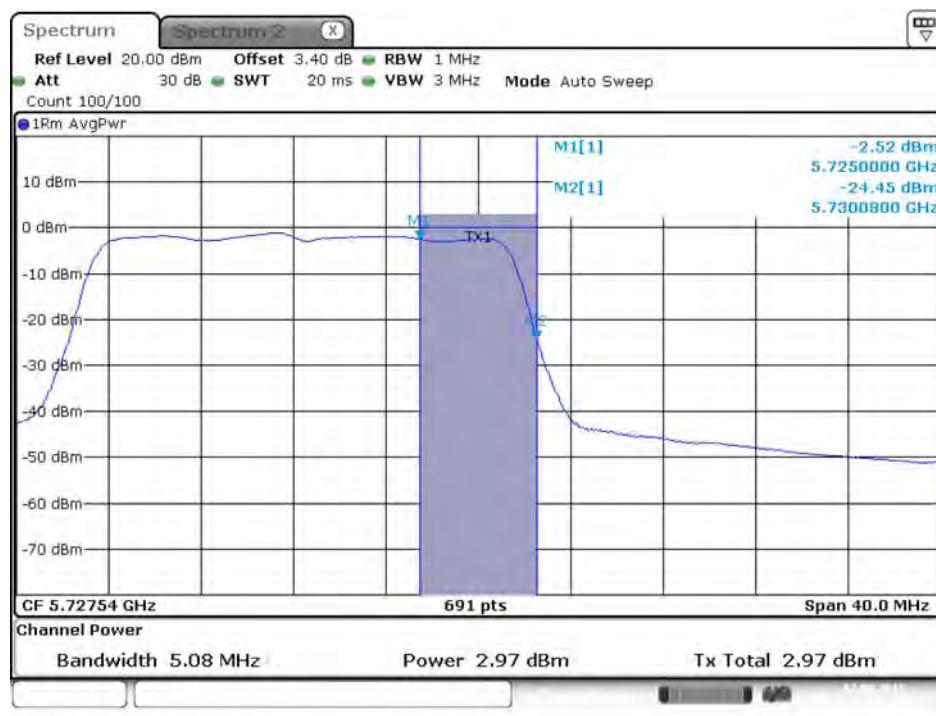
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 3 / 5720 MHz (UNII 3)



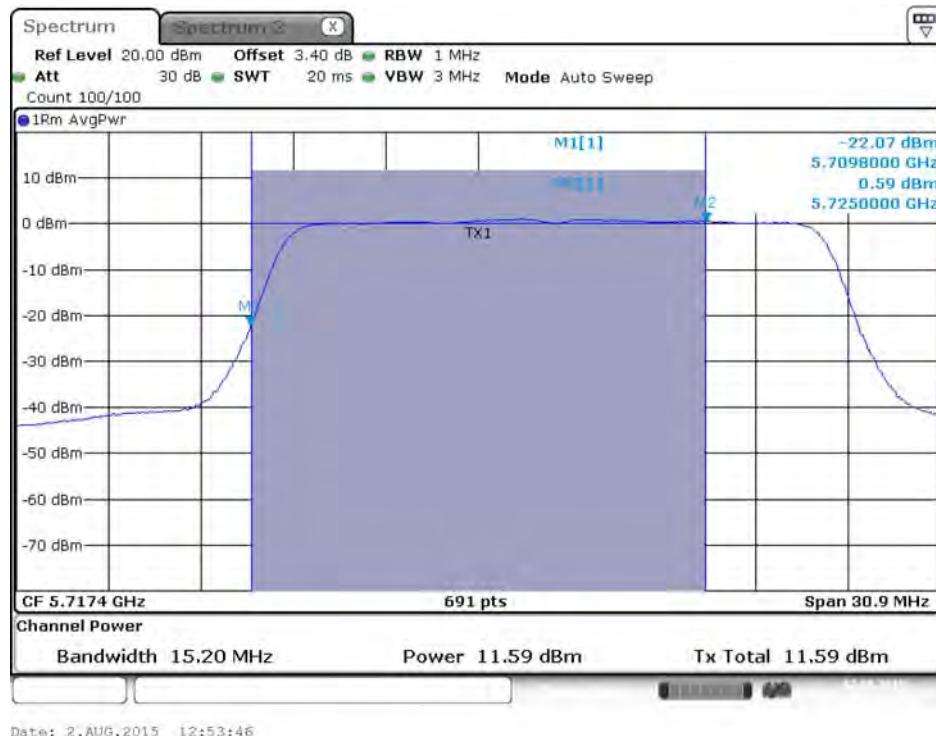
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



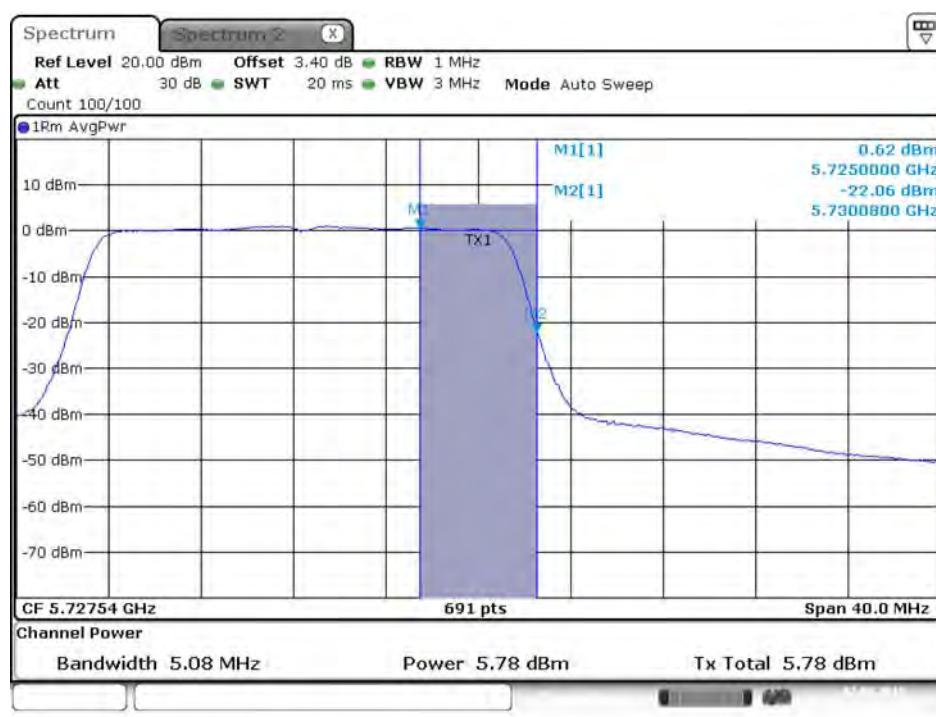
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



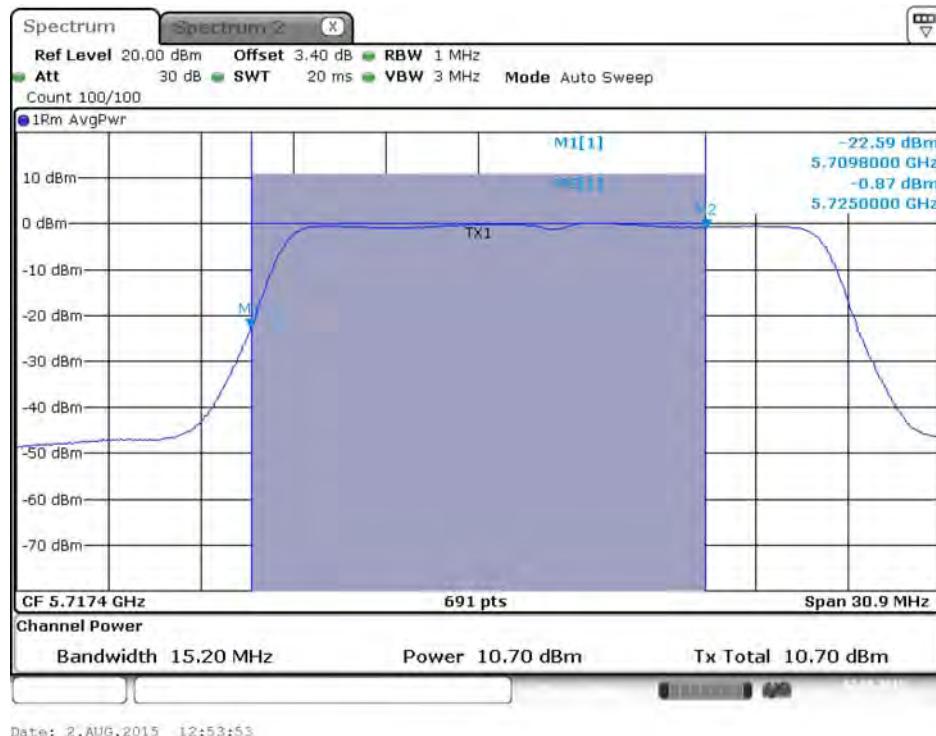
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



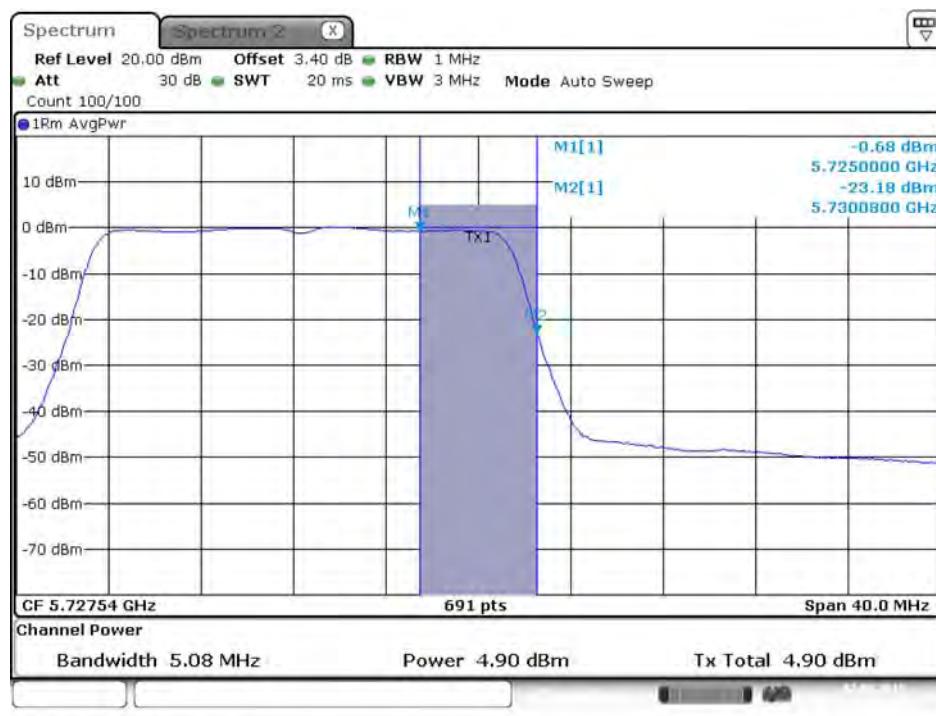
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



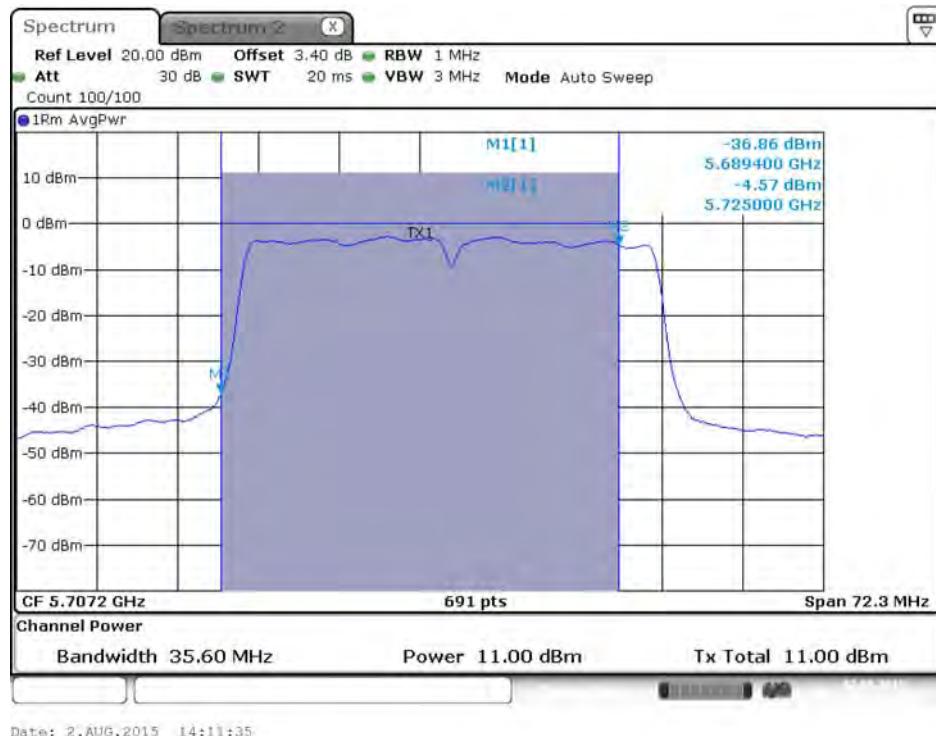
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



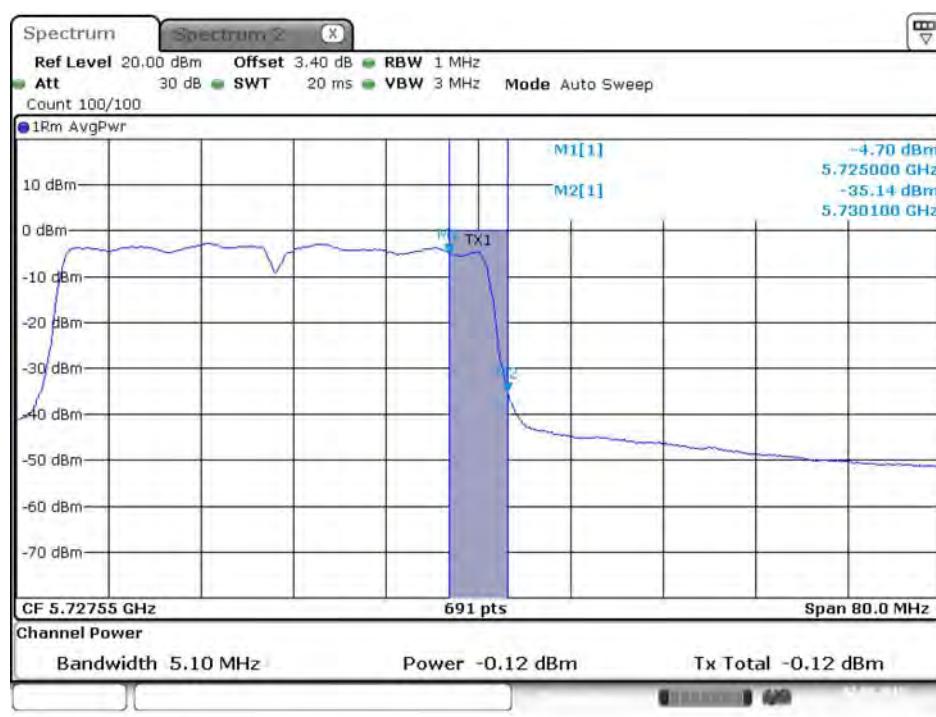
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



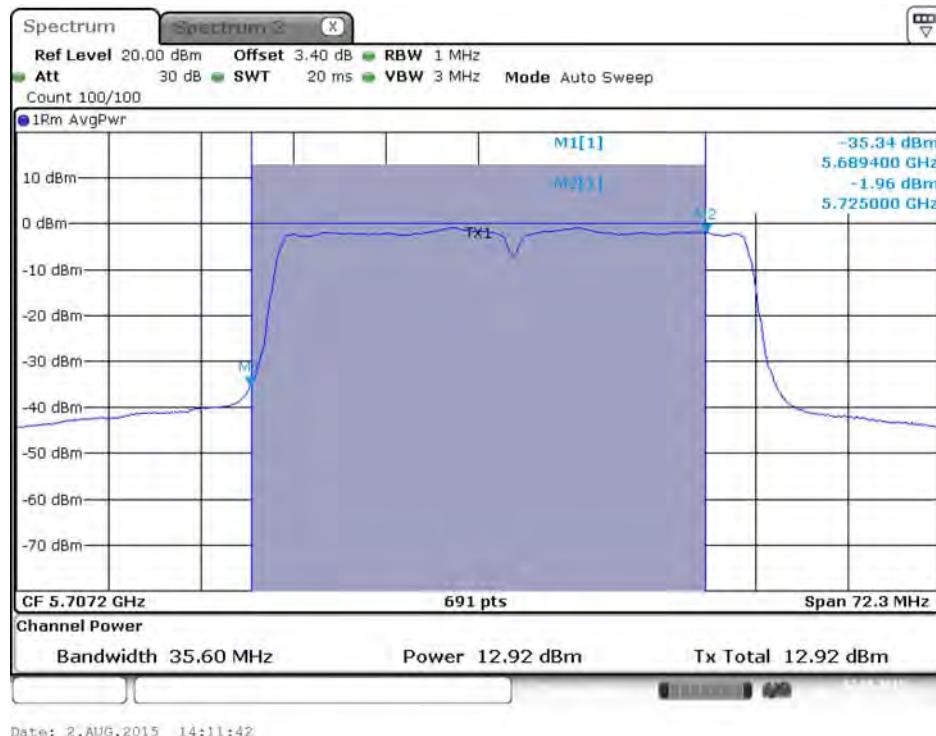
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



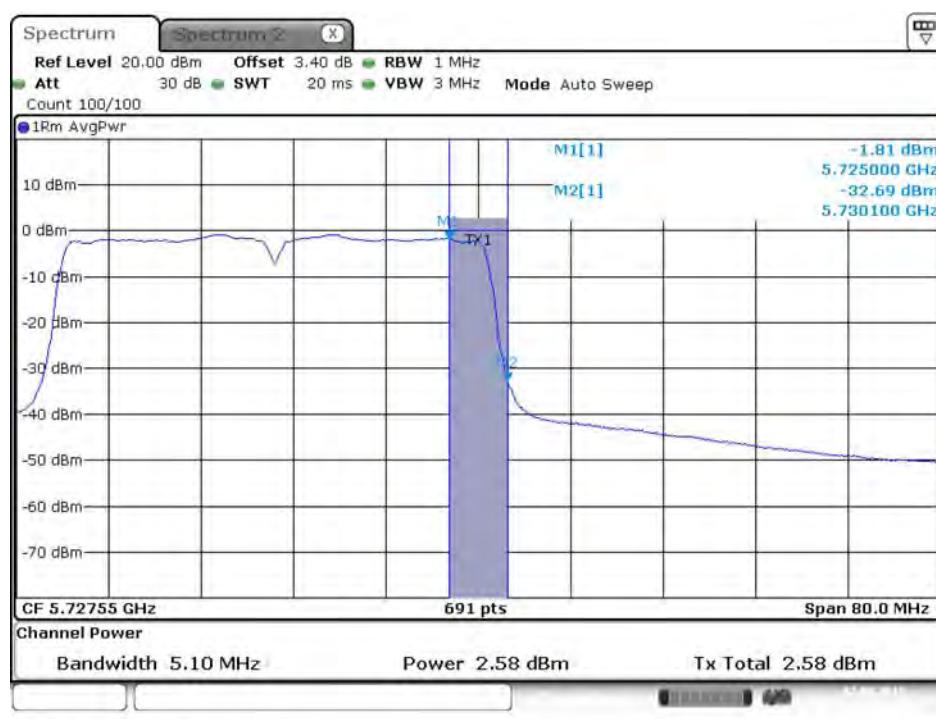
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



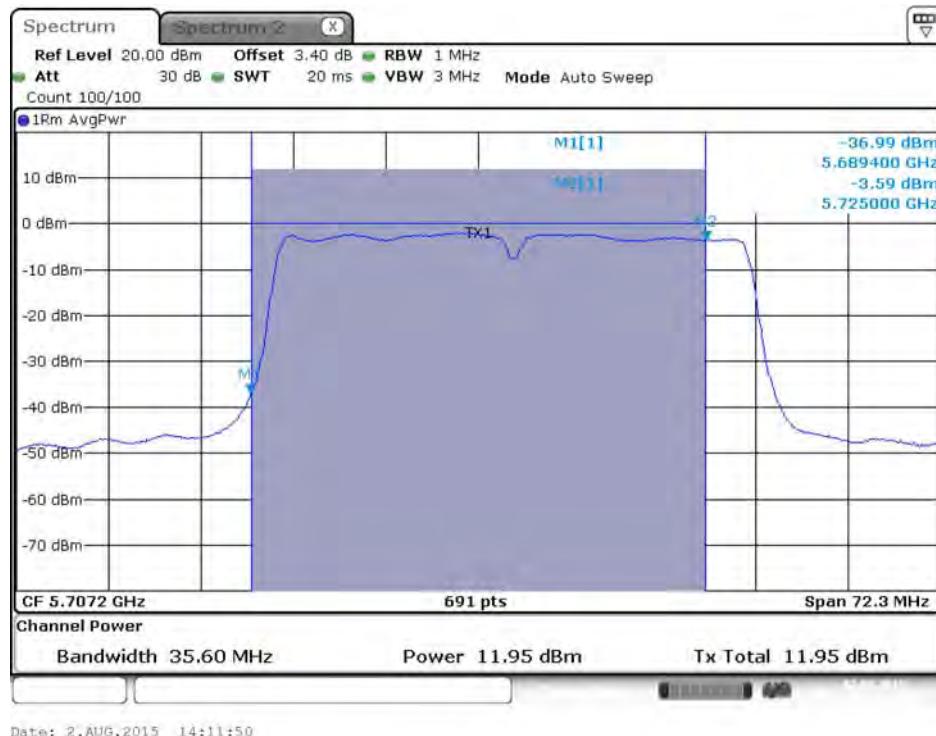
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



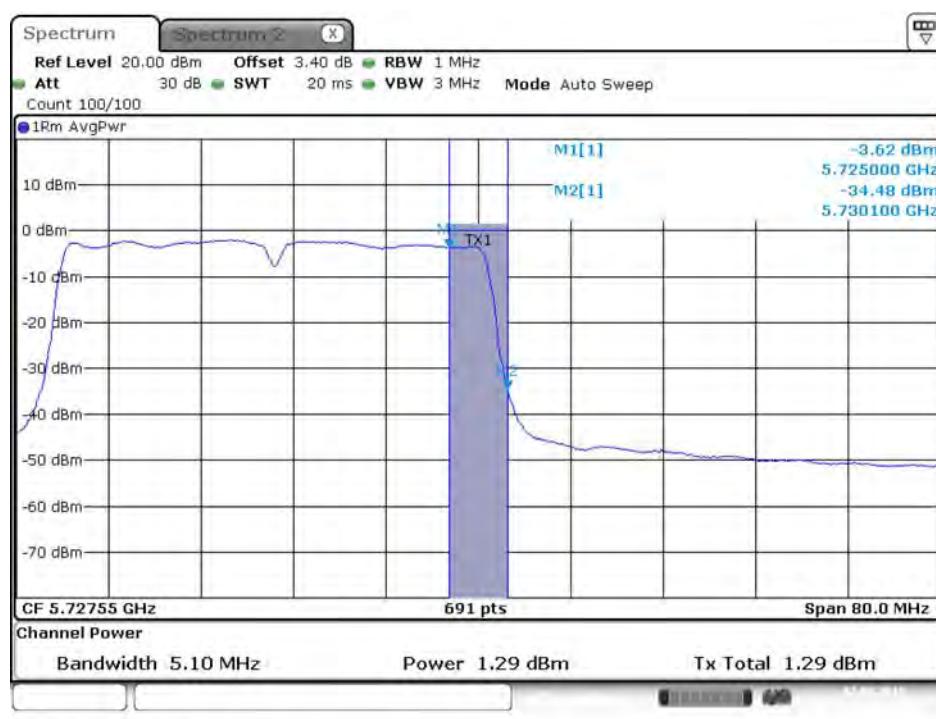
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



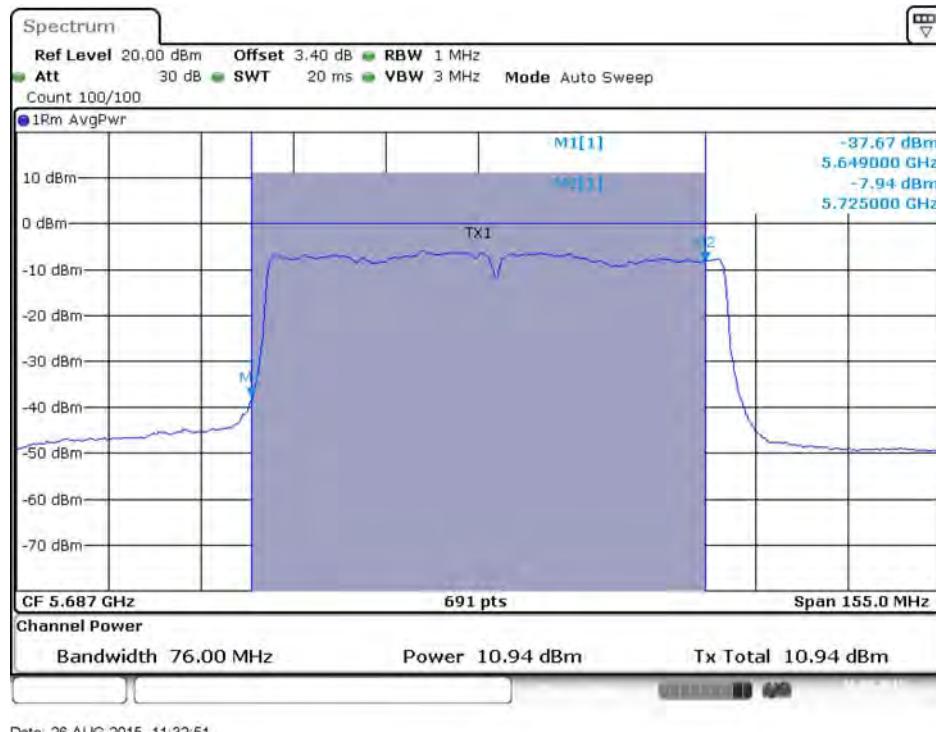
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



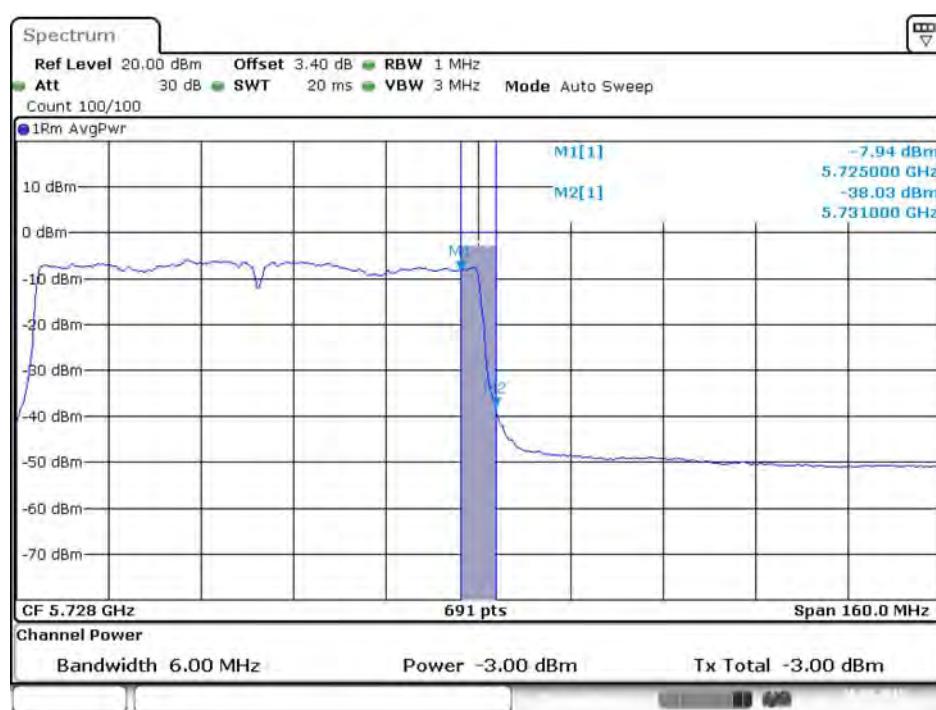
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



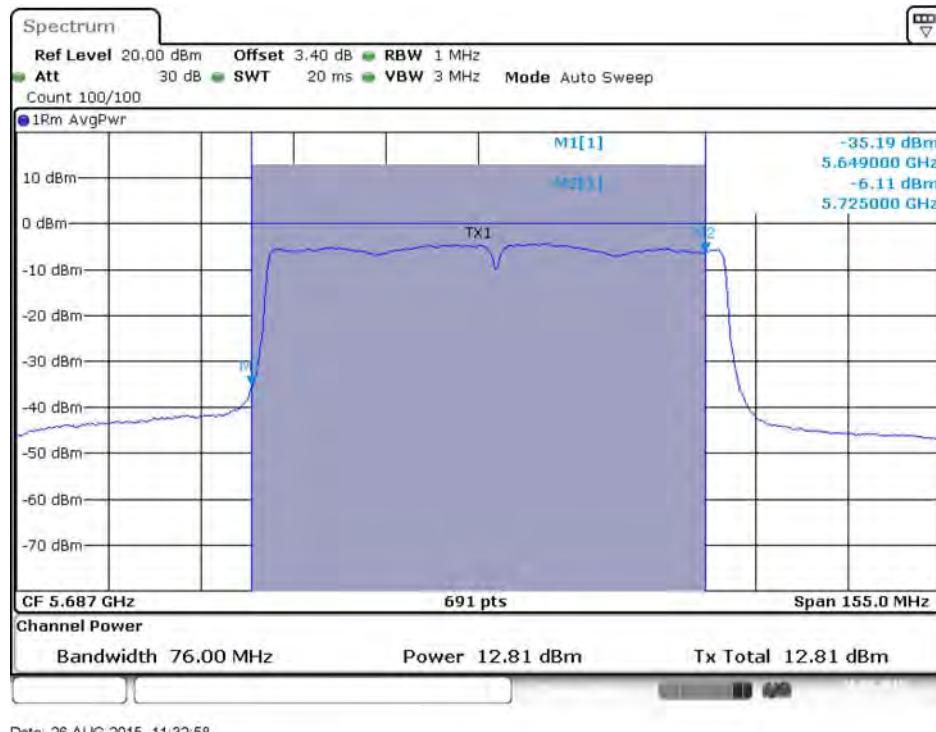
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



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



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



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

