

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	19.05	20.89	23.08	24.00	Complies
	5300 MHz	19.04	20.89	23.07	24.00	Complies
	5320 MHz	18.93	20.90	23.04	24.00	Complies
	5500 MHz	18.53	20.94	22.91	24.00	Complies
	5580 MHz	17.74	20.86	22.58	24.00	Complies
	5700 MHz	15.95	17.01	19.52	24.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.79	20.88	22.97	24.00	Complies
	5310 MHz	14.39	15.92	18.23	24.00	Complies
	5510 MHz	14.93	16.01	18.51	24.00	Complies
	5550 MHz	18.83	20.91	23.00	24.00	Complies
	5670 MHz	18.66	20.92	22.95	24.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	16.05	18.19	20.26	24.00	Complies
	5530 MHz	16.68	19.39	21.25	24.00	Complies
	5610 MHz	16.48	18.76	20.78	24.00	Complies

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	15.61	17.83	19.87	22.95	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	10.53	12.74	14.78	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	16.73	18.47	20.70	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.23	9.00	11.21	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	16.70	19.43	21.29	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.34	6.04	7.91	30.00	Complies

(UNII 2C)

Note:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.68) = 22.95\text{dBm} < 24\text{dBm}$, so limit = 22.95dBm.

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	18.89	19.96	18.65	23.98	24.00	Complies
	5300 MHz	18.01	20.17	18.95	23.91	24.00	Complies
	5320 MHz	18.21	20.27	18.86	23.97	24.00	Complies
	5500 MHz	17.75	20.68	18.39	23.90	24.00	Complies
	5580 MHz	17.96	20.68	18.17	23.89	24.00	Complies
	5700 MHz	14.08	16.46	15.31	20.16	24.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.33	19.91	19.20	23.97	24.00	Complies
	5310 MHz	13.37	14.59	13.49	18.62	24.00	Complies
	5510 MHz	14.19	15.99	15.37	20.02	24.00	Complies
	5550 MHz	18.04	19.85	19.14	23.84	24.00	Complies
	5670 MHz	15.37	17.32	16.16	21.13	24.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.12	13.06	12.61	17.38	24.00	Complies
	5530 MHz	15.73	16.68	16.57	21.12	24.00	Complies
	5610 MHz	17.86	19.97	19.29	23.90	24.00	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.81\text{dBi} < 6\text{dBi}, \text{ so the limit doesn't reduce.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	16.63	18.13	17.42	22.21	22.99	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	11.16	12.50	12.02	16.70	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	17.08	18.68	18.02	22.75	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.25	8.36	8.31	12.77	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	16.91	19.84	19.07	23.54	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.40	6.26	5.84	10.11	30.00	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B)$; $11 + 10 \log(15.80) = 22.99 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.99 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.81 \text{ dBi} < 6 \text{ dBi}, \text{ so the limit doesn't reduce.}$$

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*2 / 4TX)		

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	16.01	17.80	16.74	16.68	22.88	22.90	Complies
	5300 MHz	16.08	17.88	16.28	16.95	22.88	22.90	Complies
	5320 MHz	16.28	17.70	16.02	16.78	22.76	22.90	Complies
	5500 MHz	15.28	18.21	16.10	17.06	22.82	22.90	Complies
	5580 MHz	15.55	17.96	16.14	16.71	22.70	22.90	Complies
	5700 MHz	15.50	17.65	16.69	17.14	22.84	22.90	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	16.13	17.31	16.45	16.81	22.72	22.90	Complies
	5310 MHz	12.65	13.89	13.08	13.11	19.23	22.90	Complies
	5510 MHz	15.91	16.93	16.42	17.89	22.87	22.90	Complies
	5550 MHz	15.78	16.99	16.15	17.59	22.71	22.90	Complies
	5670 MHz	15.77	17.32	16.73	16.86	22.73	22.90	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	11.79	13.86	12.18	11.59	18.47	22.90	Complies
	5530 MHz	15.34	16.29	16.34	17.19	22.36	22.90	Complies
	5610 MHz	15.53	17.64	16.48	17.32	22.84	22.90	Complies

Note: $Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 7.10\text{dBi} > 6\text{dBi}$, so the limit $24-(7.10-6)=22.90\text{dBm}$.

Straddle Channel

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac	5720 MHz (UNII 2C)	14.52	16.24	15.51	15.69	21.55	21.82	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.11	10.77	10.34	10.32	16.20	28.90	Complies
802.11ac	5710 MHz (UNII 2C)	15.88	17.12	16.32	16.61	22.53	22.90	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	6.16	7.03	6.78	6.75	12.71	28.90	Complies
802.11ac	5690 MHz (UNII 2C)	13.58	16.34	15.41	14.72	21.15	22.90	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	0.11	2.83	2.37	0.85	7.70	28.90	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(15.56) - (7.10 - 6) = 21.82\text{dBm} < 24\text{dBm}$, so limit = 21.82dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 7.10\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (7.10 - 6) = 22.90\text{dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	19.05	20.89	23.08	24.00	Complies
	5300 MHz	19.04	20.89	23.07	24.00	Complies
	5320 MHz	16.76	18.13	20.51	24.00	Complies
	5500 MHz	16.23	18.31	20.40	24.00	Complies
	5580 MHz	17.74	20.86	22.58	24.00	Complies
	5700 MHz	15.11	17.02	19.18	24.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.79	20.88	22.97	24.00	Complies
	5310 MHz	14.79	15.75	18.31	24.00	Complies
	5510 MHz	14.93	16.12	18.58	24.00	Complies
	5550 MHz	18.83	20.92	23.01	24.00	Complies
	5670 MHz	16.28	17.77	20.10	24.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	11.89	13.32	15.67	24.00	Complies
	5530 MHz	14.09	15.12	17.65	24.00	Complies
	5610 MHz	16.48	18.76	20.78	24.00	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.67\text{dBi} < 6\text{dBi}, \text{ so the limit doesn't reduce.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	15.61	17.83	19.87	22.95	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	10.53	12.74	14.78	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	16.73	18.47	20.70	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.23	9.00	11.21	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	16.70	19.43	21.29	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.34	6.04	7.91	30.00	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.68) = 22.95\text{dBm} < 24\text{dBm}$, so limit = 22.95dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.67\text{dBi} < 6\text{dBi}, \text{ so the limit doesn't reduce.}$$

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	17.07	18.38	17.48	22.45	22.57	Complies
	5300 MHz	16.86	18.34	17.45	22.36	22.57	Complies
	5320 MHz	16.73	18.35	17.42	22.32	22.57	Complies
	5500 MHz	16.37	18.96	17.63	22.55	22.57	Complies
	5580 MHz	16.57	19.02	17.27	22.52	22.57	Complies
	5700 MHz	16.08	18.74	18.02	22.52	22.57	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	17.10	18.51	17.49	22.51	22.57	Complies
	5310 MHz	13.53	14.89	14.07	18.97	22.57	Complies
	5510 MHz	15.71	17.21	17.04	21.47	22.57	Complies
	5550 MHz	16.66	18.41	17.88	22.48	22.57	Complies
	5670 MHz	16.27	18.01	17.52	22.10	22.57	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	11.93	14.19	13.57	18.10	22.57	Complies
	5530 MHz	14.62	15.85	17.66	21.00	22.57	Complies
	5610 MHz	16.01	18.61	18.07	22.47	22.57	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 7.43\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (7.43 - 6) = 22.57\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	15.53	17.32	16.91	21.42	21.56	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.87	12.04	11.40	15.97	28.57	Complies
802.11ac	5710 MHz (UNII 2C)	16.83	18.32	17.21	22.27	22.57	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	6.58	8.19	7.40	12.21	28.57	Complies
802.11ac	5690 MHz (UNII 2C)	16.61	18.77	17.59	22.52	22.57	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	2.78	4.88	4.32	8.85	28.57	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.80) - (7.43 - 6) = 21.56 \text{ dBm} < 24 \text{ dBm}$, so limit = 21.56 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 7.43 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (7.43 - 6) = 22.57 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 3 (Set 6 Panel antenna / 2.66dBi / 4TX)		

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	14.49	16.11	15.32	15.04	21.30	21.32	Complies
	5300 MHz	14.42	15.85	15.25	14.83	21.14	21.32	Complies
	5320 MHz	14.78	15.99	14.90	14.94	21.20	21.32	Complies
	5500 MHz	14.03	16.46	15.11	15.18	21.30	21.32	Complies
	5580 MHz	16.01	16.29	14.11	14.26	21.30	21.32	Complies
	5700 MHz	13.69	16.23	15.56	14.79	21.19	21.32	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	14.67	15.87	15.09	15.38	21.30	21.32	Complies
	5310 MHz	13.17	14.16	13.59	13.46	19.63	21.32	Complies
	5510 MHz	14.44	15.33	14.92	16.18	21.29	21.32	Complies
	5550 MHz	14.27	15.49	15.06	16.09	21.30	21.32	Complies
	5670 MHz	14.53	16.16	15.01	14.57	21.14	21.32	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.49	13.87	13.06	13.29	19.23	21.32	Complies
	5530 MHz	14.28	15.21	15.28	15.72	21.17	21.32	Complies
	5610 MHz	14.01	16.10	14.88	15.78	21.29	21.32	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.68\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (8.68 - 6) = 21.32\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac	5720 MHz (UNII 2C)	14.00	13.99	13.98	13.97	20.01	20.27	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	8.58	8.57	8.55	8.55	14.58	27.32	Complies
802.11ac	5710 MHz (UNII 2C)	14.24	15.99	15.06	15.53	21.27	21.32	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	4.05	5.88	5.08	5.37	11.17	27.32	Complies
802.11ac	5690 MHz (UNII 2C)	12.50	14.56	13.58	13.86	19.71	21.32	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-0.88	0.70	0.14	0.10	6.07	27.32	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.68) - (8.68 - 6) = 20.27 \text{ dBm} < 24 \text{ dBm}$, so limit = 20.27 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.68 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (8.68 - 6) = 21.32 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	19.05	20.89	23.08	24.00	Complies
	5300 MHz	19.04	20.89	23.07	24.00	Complies
	5320 MHz	18.93	20.90	23.04	24.00	Complies
	5500 MHz	18.53	20.94	22.91	24.00	Complies
	5580 MHz	17.74	20.86	22.58	24.00	Complies
	5700 MHz	13.87	15.86	17.99	24.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.79	20.88	22.97	24.00	Complies
	5310 MHz	15.31	15.93	18.64	24.00	Complies
	5510 MHz	15.21	16.36	18.83	24.00	Complies
	5550 MHz	18.83	20.91	23.00	24.00	Complies
	5670 MHz	17.26	18.48	20.92	24.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	14.71	16.52	18.72	24.00	Complies
	5530 MHz	15.12	16.48	18.86	24.00	Complies
	5610 MHz	18.52	20.84	22.84	24.00	Complies

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5720 MHz (UNII 2C)	15.61	17.83	19.87	22.95	Complies
	5720 MHz (UNII 3)	10.53	12.74	14.78	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5710 MHz (UNII 2C)	16.73	18.47	20.70	24.00	Complies
	5710 MHz (UNII 3)	7.23	9.00	11.21	30.00	Complies
802.11ac MCS0/Nss1 VHT80	5690 MHz (UNII 2C)	16.70	19.43	21.29	24.00	Complies
	5690 MHz (UNII 3)	3.34	6.04	7.91	30.00	Complies

(UNII 2C)

Note:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B)$; $11 + 10\log(15.68) = 22.95\text{dBm} < 24\text{dBm}$, so limit = 22.95dBm.

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	17.91	19.77	18.51	23.57	24.00	Complies
	5300 MHz	18.32	19.14	18.72	23.51	24.00	Complies
	5320 MHz	17.85	19.56	18.21	23.38	24.00	Complies
	5500 MHz	17.98	19.53	18.21	23.40	24.00	Complies
	5580 MHz	18.21	19.77	18.31	23.60	24.00	Complies
	5700 MHz	15.08	17.48	16.28	21.16	24.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.74	19.87	18.66	23.90	24.00	Complies
	5310 MHz	13.71	15.56	14.36	19.38	24.00	Complies
	5510 MHz	15.21	16.53	16.64	20.94	24.00	Complies
	5550 MHz	18.32	19.84	19.32	23.98	24.00	Complies
	5670 MHz	15.95	17.48	16.15	21.35	24.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.01	14.73	13.32	18.27	24.00	Complies
	5530 MHz	15.46	17.01	16.76	21.23	24.00	Complies
	5610 MHz	17.55	20.05	18.85	23.71	24.00	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.65\text{dBi} < 6\text{dBi}, \text{ so the limit doesn't reduce.}$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	15.60	17.62	16.77	21.51	22.92	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	10.16	12.19	11.52	16.14	30.00	Complies
802.11ac	5710 MHz (UNII 2C)	17.08	18.68	18.02	22.75	24.00	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.25	8.36	8.31	12.77	30.00	Complies
802.11ac	5690 MHz (UNII 2C)	17.77	20.07	19.21	23.89	24.00	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	4.08	6.38	6.04	10.38	30.00	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B)$; $11 + 10 \log(15.56) = 22.92 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.92 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.65 \text{ dBi} < 6 \text{ dBi}, \text{ so the limit doesn't reduce.}$$

(UNII 3)

Note 1:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 5.65 \text{ dBi} < 6 \text{ dBi}, \text{ so the limit doesn't reduce.}$$

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX)		

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	16.57	17.87	16.78	16.42	22.97	23.10	Complies
	5300 MHz	16.44	17.61	17.39	16.66	23.07	23.10	Complies
	5320 MHz	16.59	17.47	17.37	16.71	23.07	23.10	Complies
	5500 MHz	15.64	17.78	16.86	16.93	22.89	23.10	Complies
	5580 MHz	16.42	17.85	16.48	16.42	22.86	23.10	Complies
	5700 MHz	15.13	16.72	17.62	16.24	22.54	23.10	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	16.12	17.41	16.13	17.45	22.85	23.10	Complies
	5310 MHz	15.22	16.35	15.24	16.14	21.79	23.10	Complies
	5510 MHz	15.93	16.09	16.12	17.05	22.34	23.10	Complies
	5550 MHz	15.96	17.42	16.28	17.45	22.85	23.10	Complies
	5670 MHz	15.84	17.34	16.15	17.34	22.74	23.10	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.28	14.57	13.52	13.65	19.60	23.10	Complies
	5530 MHz	14.68	15.45	15.83	16.40	21.65	23.10	Complies
	5610 MHz	15.82	17.96	16.54	17.48	23.05	23.10	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 6.90\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (6.90 - 6) = 23.10\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac	5720 MHz (UNII 2C)	14.61	16.77	15.69	16.14	21.89	22.05	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.33	11.50	10.57	10.81	16.64	29.10	Complies
802.11ac	5710 MHz (UNII 2C)	16.12	17.61	16.74	17.27	22.99	23.10	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	6.28	7.63	7.20	7.30	13.15	29.10	Complies
802.11ac	5690 MHz (UNII 2C)	13.58	16.34	15.41	14.72	21.15	23.10	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	0.11	2.83	2.37	0.85	7.70	29.10	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B)$; $11 + 10 \log(15.68) - (6.90 - 6) = 22.05 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.05 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 6.90 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (6.90 - 6) = 23.10 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 5 (Set 8 Patch antenna / 3.26dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	19.05	20.89	23.08	23.73	Complies
	5300 MHz	19.04	20.89	23.07	23.73	Complies
	5320 MHz	18.93	20.90	23.04	23.73	Complies
	5500 MHz	18.53	20.94	22.91	23.73	Complies
	5580 MHz	17.74	20.86	22.58	23.73	Complies
	5700 MHz	16.35	18.73	20.71	23.73	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	18.79	20.88	22.97	23.73	Complies
	5310 MHz	13.12	14.24	16.73	23.73	Complies
	5510 MHz	16.87	17.84	20.39	23.73	Complies
	5550 MHz	18.83	20.92	23.01	23.73	Complies
	5670 MHz	17.86	19.11	21.54	23.73	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.31	13.79	16.12	23.73	Complies
	5530 MHz	16.11	17.05	19.62	23.73	Complies
	5610 MHz	18.52	20.84	22.84	23.73	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 6.27\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (6.27 - 6) = 23.73\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	15.61	17.83	19.87	22.68	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	10.53	12.74	14.78	29.73	Complies
802.11ac	5710 MHz (UNII 2C)	16.73	18.47	20.70	23.73	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	7.23	9.00	11.21	29.73	Complies
802.11ac	5690 MHz (UNII 2C)	16.70	19.43	21.29	23.73	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	3.34	6.04	7.91	29.73	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.68) - (6.27 - 6) = 22.68 \text{ dBm} < 24 \text{ dBm}$, so limit = 22.68 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 6.27 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (6.27 - 6) = 23.73 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 5 (Set 8 Patch antenna / 3.26dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	16.33	18.22	16.73	21.94	21.97	Complies
	5300 MHz	16.29	18.04	16.98	21.93	21.97	Complies
	5320 MHz	15.73	18.17	16.79	21.78	21.97	Complies
	5500 MHz	15.76	18.27	16.91	21.87	21.97	Complies
	5580 MHz	15.57	18.18	16.83	21.76	21.97	Complies
	5700 MHz	15.17	18.01	17.07	21.67	21.97	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	16.07	17.73	16.72	21.67	21.97	Complies
	5310 MHz	11.36	12.87	12.56	17.08	21.97	Complies
	5510 MHz	15.88	17.73	17.43	21.86	21.97	Complies
	5550 MHz	15.98	17.48	17.31	21.74	21.97	Complies
	5670 MHz	15.93	17.79	17.28	21.84	21.97	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.33	14.60	13.84	18.46	21.97	Complies
	5530 MHz	15.46	17.01	16.76	21.23	21.97	Complies
	5610 MHz	15.61	18.02	17.54	21.95	21.97	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.03\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (8.03 - 6) = 21.97\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	16.02	16.04	16.07	20.81	20.92	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	10.73	10.75	10.77	15.52	27.97	Complies
802.11ac	5710 MHz (UNII 2C)	15.94	17.52	16.92	21.61	21.97	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	5.72	7.36	6.86	11.47	27.97	Complies
802.11ac	5690 MHz (UNII 2C)	16.00	18.17	17.05	21.93	21.97	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	2.15	4.23	3.73	8.23	27.97	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.68) - (8.03 - 6) = 20.92 \text{ dBm} < 24 \text{ dBm}$, so limit = 20.92 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 8.03 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (8.03 - 6) = 21.97 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 5 (Set 8 Patch antenna / 3.26dBi / 4TX)		

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	13.52	15.42	14.13	14.21	20.40	20.72	Complies
	5300 MHz	13.72	15.34	14.06	14.32	20.42	20.72	Complies
	5320 MHz	13.88	15.26	13.95	14.33	20.41	20.72	Complies
	5500 MHz	13.14	15.63	14.17	14.43	20.45	20.72	Complies
	5580 MHz	13.21	15.53	13.96	14.37	20.37	20.72	Complies
	5700 MHz	12.89	15.48	14.11	14.16	20.28	20.72	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	14.01	15.41	14.44	14.68	20.69	20.72	Complies
	5310 MHz	11.31	12.43	11.98	12.02	17.97	20.72	Complies
	5510 MHz	13.12	15.07	14.57	15.51	20.68	20.72	Complies
	5550 MHz	13.18	14.61	14.24	15.25	20.40	20.72	Complies
	5670 MHz	13.18	15.32	14.45	14.63	20.48	20.72	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	13.38	15.22	14.53	13.99	20.35	20.72	Complies
	5530 MHz	13.64	14.68	15.09	15.08	20.68	20.72	Complies
	5610 MHz	13.31	15.33	14.51	14.85	20.58	20.72	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 9.28\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (9.28 - 6) = 20.72\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac	5720 MHz (UNII 2C)	11.98	14.33	13.52	13.43	19.42	19.61	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	6.36	8.85	8.05	7.81	13.88	26.72	Complies
802.11ac	5710 MHz (UNII 2C)	13.63	15.34	14.46	15.02	20.68	20.72	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	3.45	5.21	4.54	4.86	10.58	26.72	Complies
802.11ac	5690 MHz (UNII 2C)	13.37	15.34	14.60	15.13	20.69	20.72	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-0.49	1.55	1.27	1.26	6.99	26.72	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.44) - (9.28 - 6) = 19.61 \text{ dBm} < 24 \text{ dBm}$, so limit = 19.61 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 9.28 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (9.28 - 6) = 20.72 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi / 2TX)		

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	16.33	17.73	20.10	20.24	Complies
	5300 MHz	16.59	17.55	20.11	20.24	Complies
	5320 MHz	16.60	17.70	20.20	20.24	Complies
	5500 MHz	15.96	17.85	20.02	20.24	Complies
	5580 MHz	15.91	17.97	20.07	20.24	Complies
	5700 MHz	14.02	16.19	18.25	20.24	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	16.68	17.64	20.20	20.24	Complies
	5310 MHz	12.25	13.06	15.68	20.24	Complies
	5510 MHz	15.61	16.66	19.18	20.24	Complies
	5550 MHz	16.33	17.66	20.06	20.24	Complies
	5670 MHz	16.06	17.61	19.91	20.24	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	11.89	13.32	15.67	20.24	Complies
	5530 MHz	14.72	15.52	18.15	20.24	Complies
	5610 MHz	15.95	17.90	20.04	20.24	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 9.76\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (9.76 - 6) = 20.24\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)			Max. Limit (dBm)	Result
		Chain 1	Chain 2	Total		
802.11ac	5720 MHz (UNII 2C)	14.88	16.74	18.92	19.19	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	9.17	11.22	13.33	26.24	Complies
802.11ac	5710 MHz (UNII 2C)	16.07	17.74	20.00	20.24	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	5.71	7.59	9.76	26.24	Complies
802.11ac	5690 MHz (UNII 2C)	16.01	18.01	20.13	20.24	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	2.06	4.23	6.29	26.24	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B); 11 + 10 \log(15.68) - (9.76 - 6) = 19.19 \text{ dBm} < 24 \text{ dBm}$, so limit = 19.19 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 9.76 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (9.76 - 6) = 20.24 \text{ dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi / 3TX)		

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	12.52	14.48	13.14	18.23	18.53	Complies
	5300 MHz	12.38	14.65	13.15	18.27	18.53	Complies
	5320 MHz	12.42	14.52	13.33	18.28	18.53	Complies
	5500 MHz	12.22	15.09	13.37	18.49	18.53	Complies
	5580 MHz	11.94	15.19	13.33	18.46	18.53	Complies
	5700 MHz	12.07	14.62	13.68	18.35	18.53	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	12.63	14.47	13.48	18.36	18.53	Complies
	5310 MHz	11.31	13.44	12.23	17.19	18.53	Complies
	5510 MHz	12.36	14.51	13.68	18.38	18.53	Complies
	5550 MHz	12.37	14.54	13.58	18.36	18.53	Complies
	5670 MHz	12.32	14.42	13.61	18.31	18.53	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.33	14.60	13.84	18.46	18.53	Complies
	5530 MHz	12.54	13.89	14.51	18.49	18.53	Complies
	5610 MHz	12.03	14.42	13.66	18.25	18.53	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 11.47\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (11.47 - 6) = 18.53\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)				Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Total		
802.11ac	5720 MHz (UNII 2C)	11.10	13.45	13.01	17.40	17.48	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	5.39	8.00	7.63	11.92	24.53	Complies
802.11ac	5710 MHz (UNII 2C)	12.55	14.27	13.33	18.21	18.53	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	2.20	4.21	3.63	8.20	24.53	Complies
802.11ac	5690 MHz (UNII 2C)	12.44	14.54	13.81	18.45	18.53	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-1.42	0.85	0.66	4.92	24.53	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10\log(B); 11 + 10\log(15.68) - (11.47 - 6) = 17.48\text{dBm} < 24\text{dBm}$, so limit = 17.48dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 11.47\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (11.47 - 6) = 18.53\text{dBm}.$$

(UNII 3)

Note 1:

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

Temperature	25°C	Humidity	46%
Test Engineer	Eddie Weng	Test Date	Jan. 07, 2016 ~ Jan. 10, 2016
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1: 6.8dBi, Chain 2: 6.7dBi, Chain 3: 6.6dBi, Chain 4: 5.9dBi / 4TX)		

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac MCS0/Nss1 VHT20	5260 MHz	10.85	12.48	10.84	11.28	17.44	17.47	Complies
	5300 MHz	10.28	12.06	10.88	11.19	17.17	17.47	Complies
	5320 MHz	10.26	12.38	10.81	11.23	17.26	17.47	Complies
	5500 MHz	10.33	12.76	10.64	11.40	17.41	17.47	Complies
	5580 MHz	10.26	12.88	10.89	11.21	17.44	17.47	Complies
	5700 MHz	10.02	12.06	11.33	11.24	17.24	17.47	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	10.45	11.72	10.88	11.72	17.25	17.47	Complies
	5310 MHz	10.38	11.68	11.04	11.66	17.24	17.47	Complies
	5510 MHz	9.77	11.75	11.45	12.22	17.41	17.47	Complies
	5550 MHz	9.94	11.68	11.06	11.93	17.24	17.47	Complies
	5670 MHz	9.91	11.77	11.05	11.51	17.14	17.47	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	9.96	12.42	11.05	11.31	17.29	17.47	Complies
	5530 MHz	9.87	11.26	11.93	12.28	17.45	17.47	Complies
	5610 MHz	9.78	11.89	11.58	11.73	17.34	17.47	Complies

Note:

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.53\text{dBi} > 6\text{dBi}, \text{ so the limit } 24 - (12.53 - 6) = 17.47\text{dBm}.$$

Straddle Channel

Mode	Frequency	Conducted Power (dBm)					Max. Limit (dBm)	Result
		Chain 1	Chain 2	Chain 3	Chain 4	Total		
802.11ac	5720 MHz (UNII 2C)	9.03	11.21	10.22	10.42	16.31	16.43	Complies
MCS0/Nss1 VHT20	5720 MHz (UNII 3)	3.39	5.75	4.75	4.81	10.77	23.47	Complies
802.11ac	5710 MHz (UNII 2C)	10.38	11.72	11.08	11.17	17.13	17.47	Complies
MCS0/Nss1 VHT40	5710 MHz (UNII 3)	0.29	1.66	1.18	1.08	7.10	23.47	Complies
802.11ac	5690 MHz (UNII 2C)	10.00	12.20	11.36	11.77	17.43	17.47	Complies
MCS0/Nss1 VHT80	5690 MHz (UNII 3)	-3.76	-1.53	-2.09	-2.19	3.70	23.47	Complies

(UNII 2C)

Note 1:

For 802.11ac VHT20

5720 MHz power limit = $11 + 10 \log(B)$; $11 + 10 \log(15.68) - (12.53 - 6) = 16.43 \text{ dBm} < 24 \text{ dBm}$, so limit = 16.43 dBm.

Note 2:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.53 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 24 - (12.53 - 6) = 17.47 \text{ dBm}.$$

(UNII 3)

Note 1:

$$\text{Directional Gain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right] = 12.53 \text{ dBi} > 6 \text{ dBi}, \text{ so the limit } 30 - (12.53 - 6) = 23.47 \text{ dBm}.$$

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

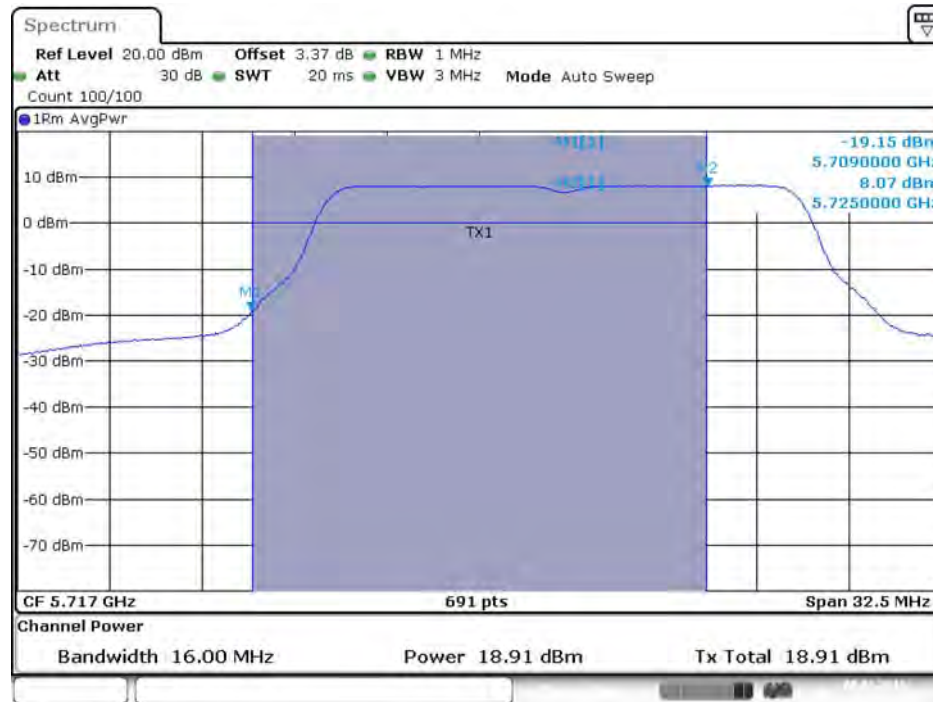
For plots, only the channel with worse result was shown.

For Non-Beamforming Mode

Straddle Channel

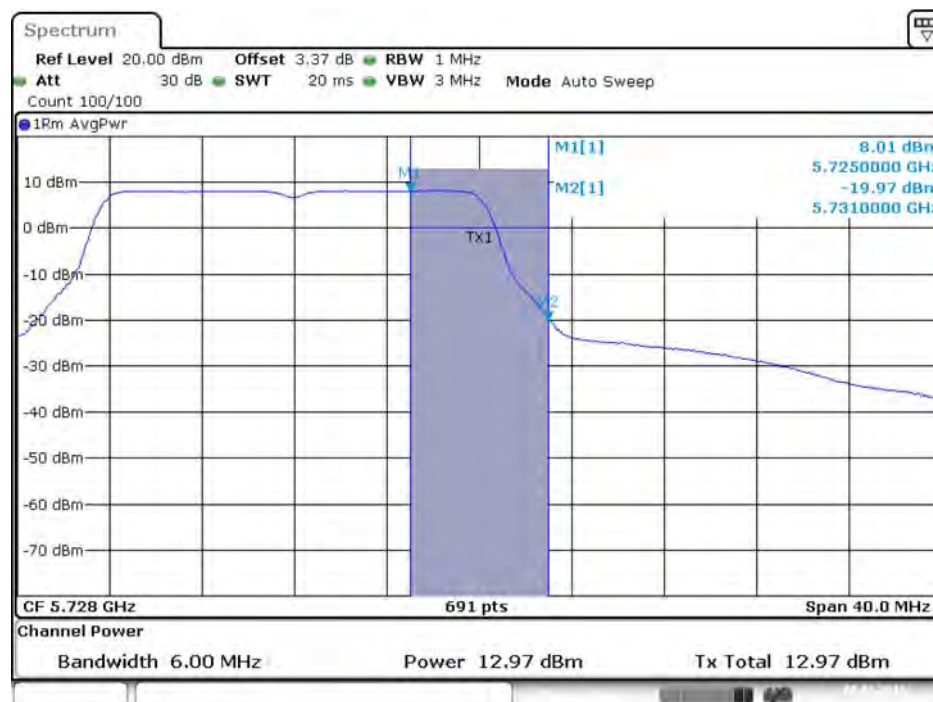
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 1TX)

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



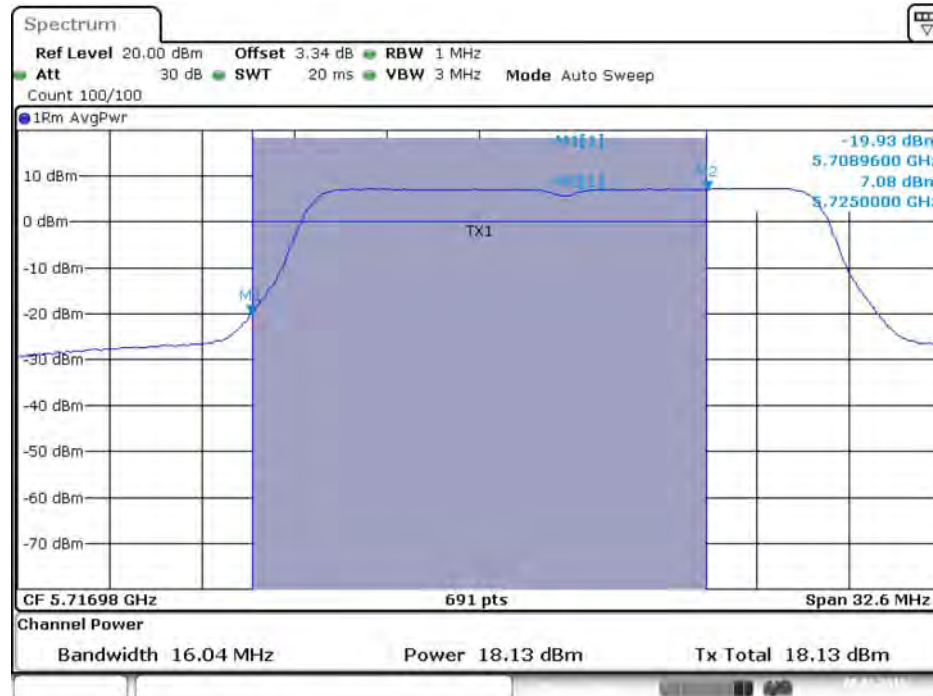
Date: 8.JAN.2016 11:12:36

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



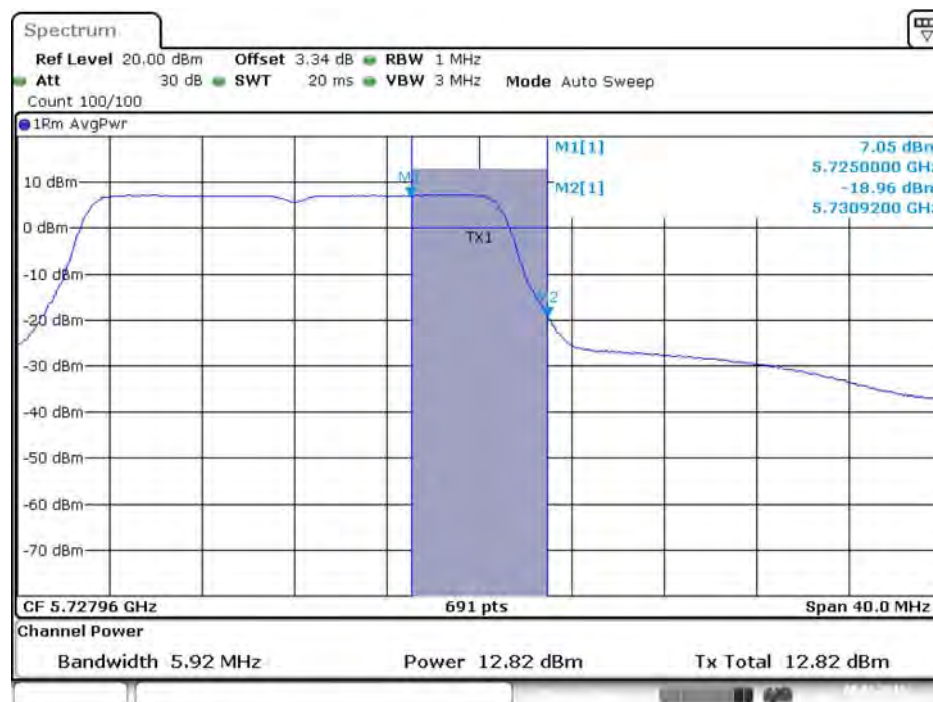
Date: 8.JAN.2016 11:12:39

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



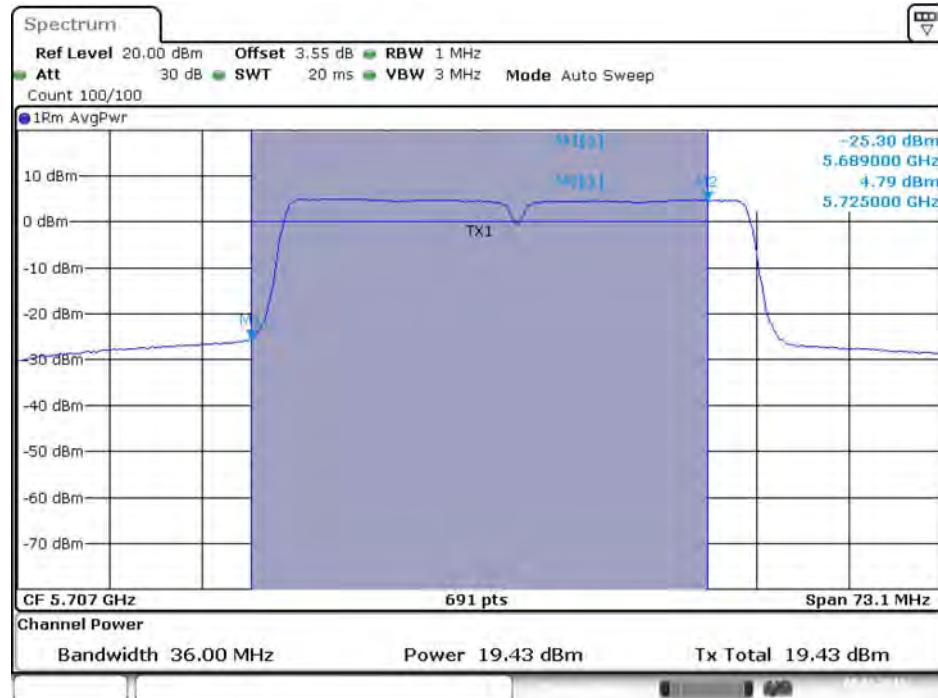
Date: 8 JAN 2016 11:20:05

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



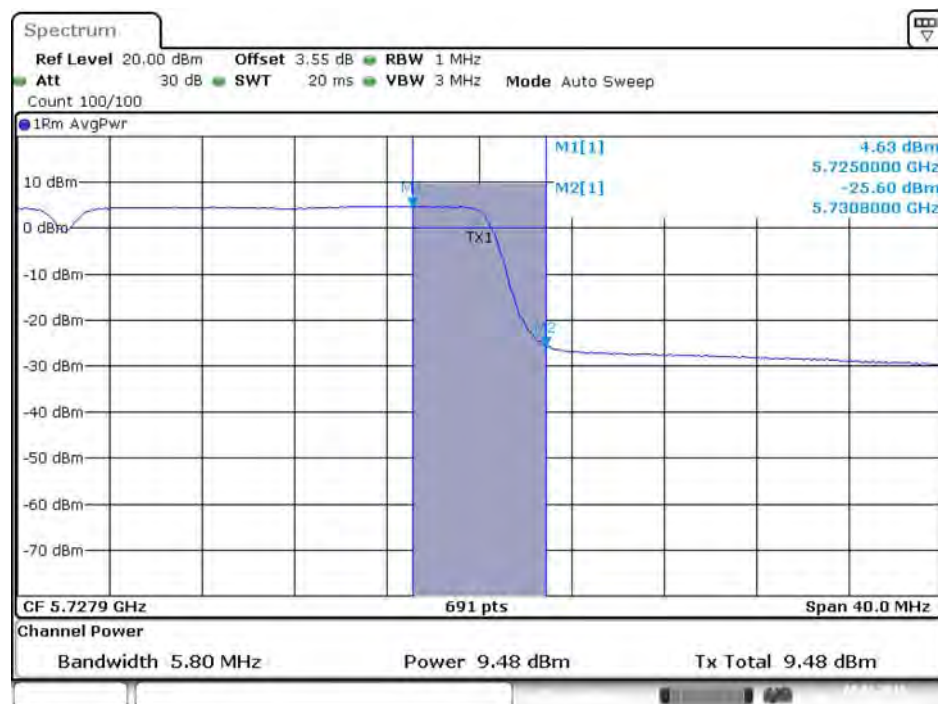
Date: 8 JAN 2016 11:20:08

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



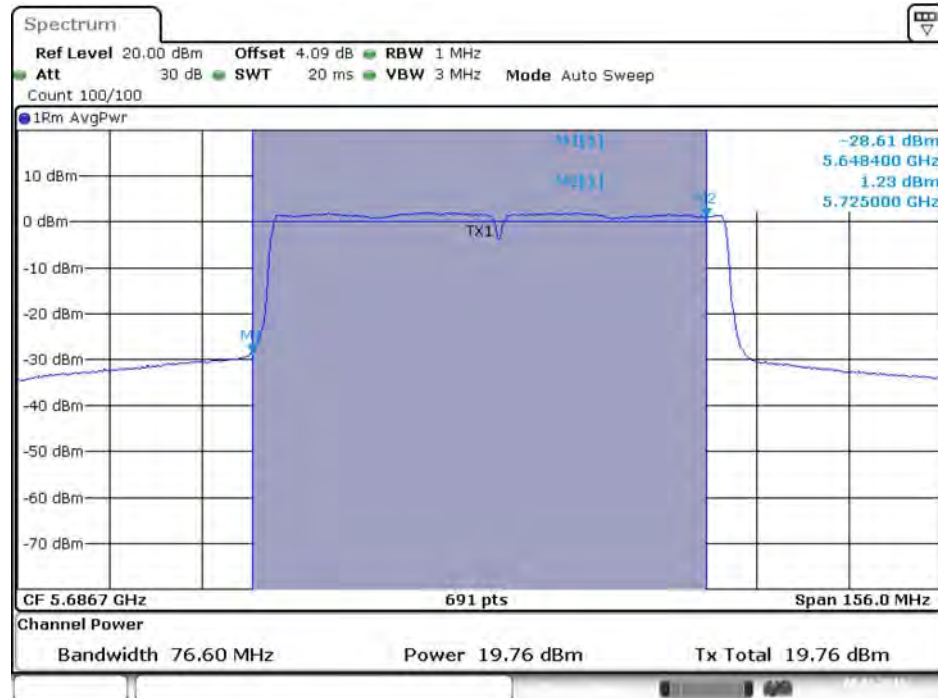
Date: 8.JAN.2016 11:24:01

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



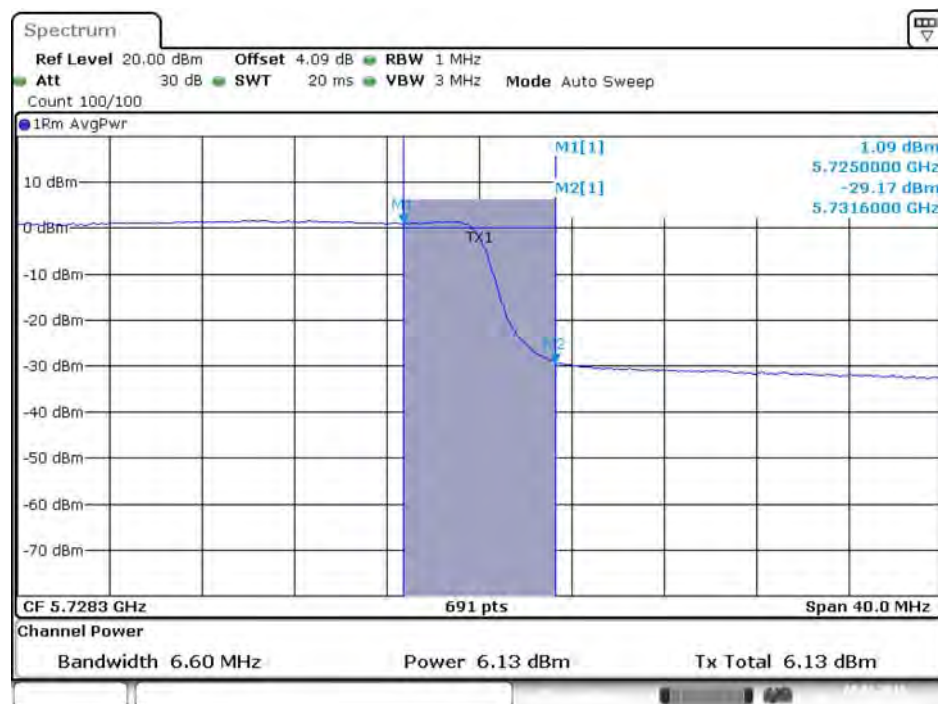
Date: 8.JAN.2016 11:24:04

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



Date: 8 JAN 2016 11:27:03

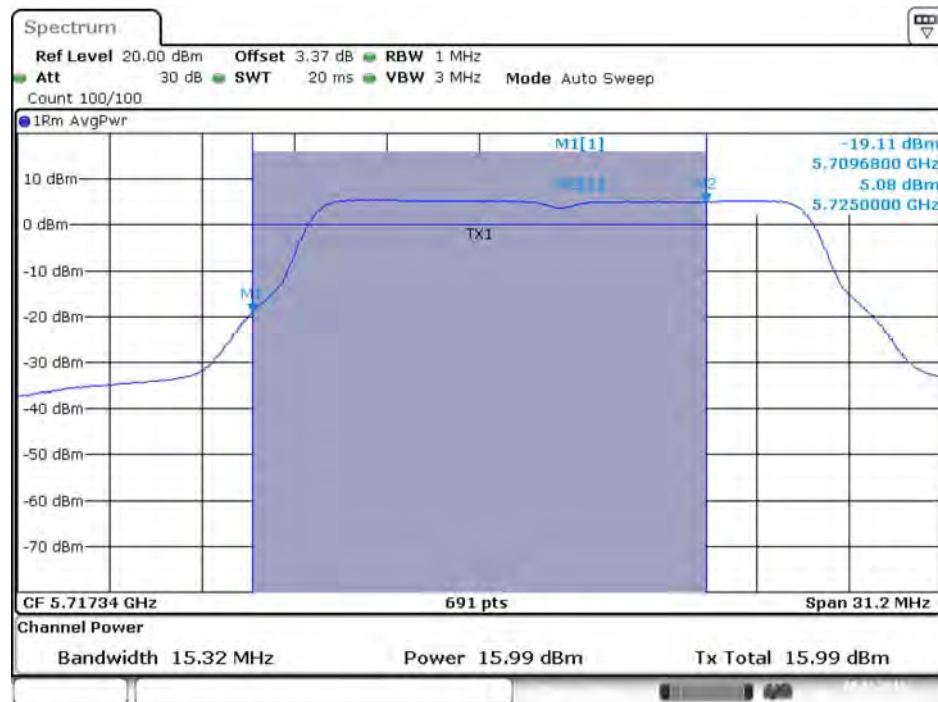
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



Date: 8 JAN 2016 11:27:06

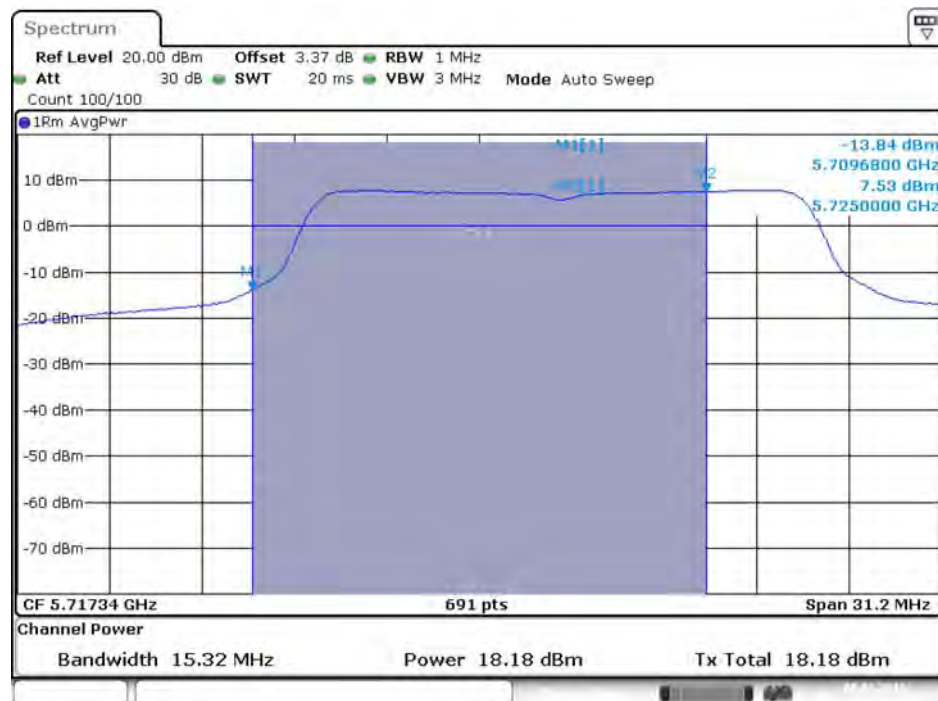
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 2TX)

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



Date: 8.JAN.2016 11:49:35

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



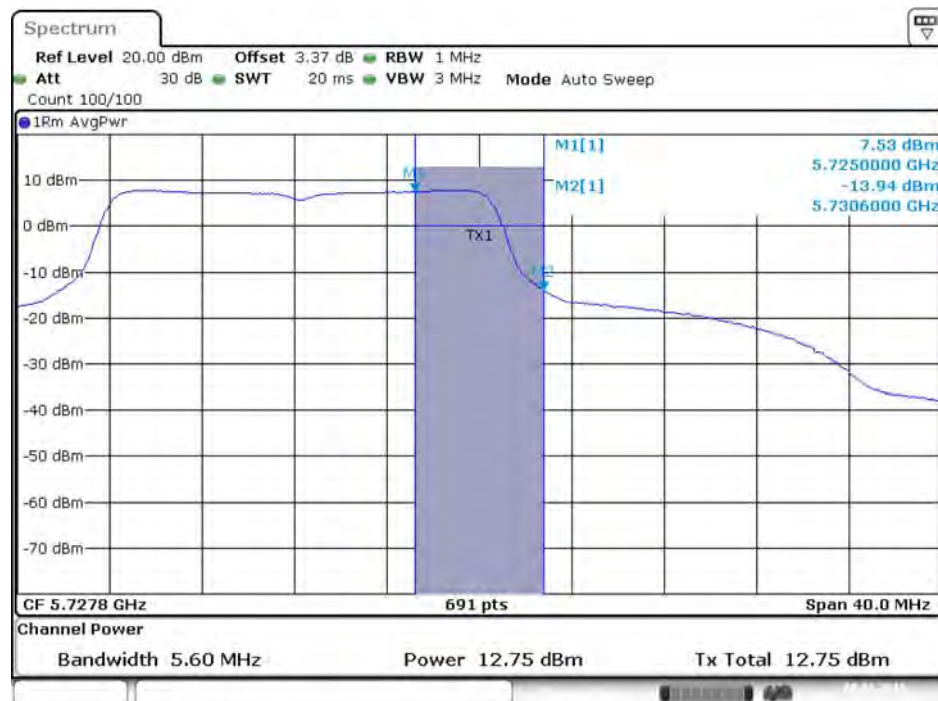
Date: 8.JAN.2016 11:49:43

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



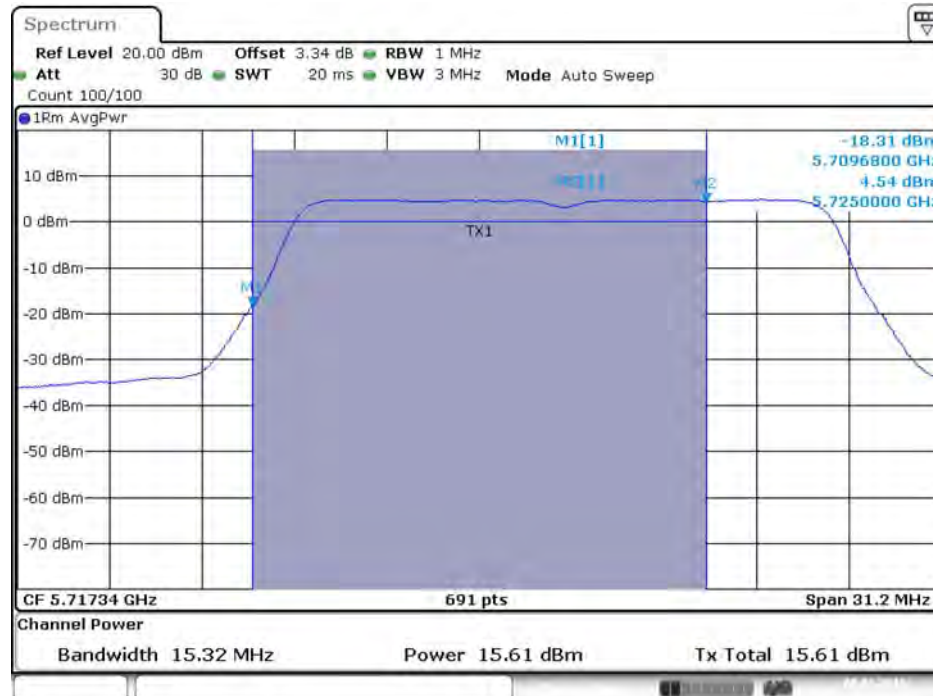
Date: 8 JAN 2016 11:49:39

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



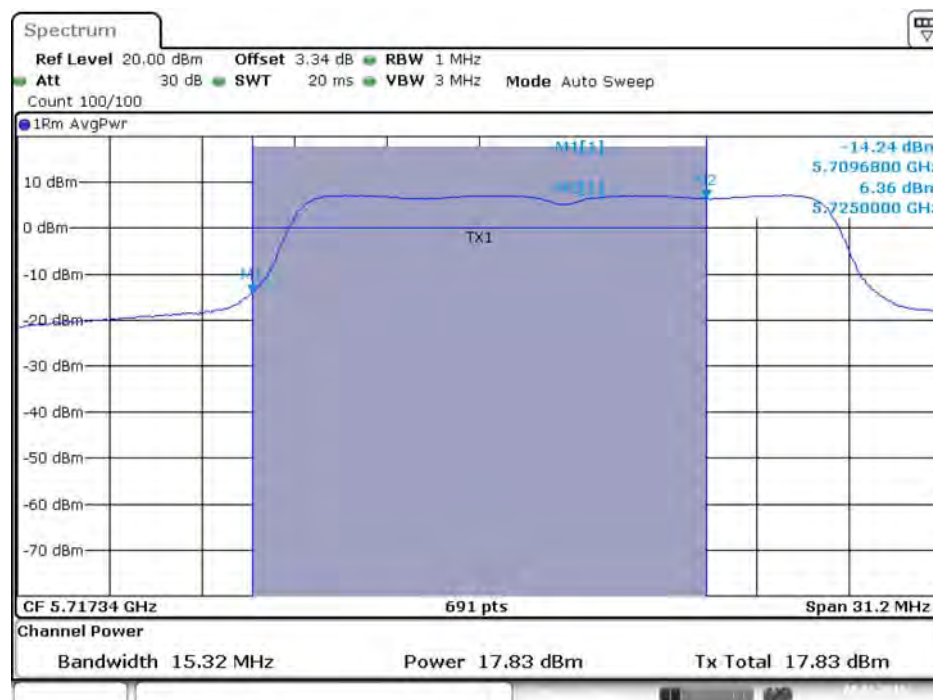
Date: 8 JAN 2016 11:49:46

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



Date: 8 JAN 2016 11:54:21

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



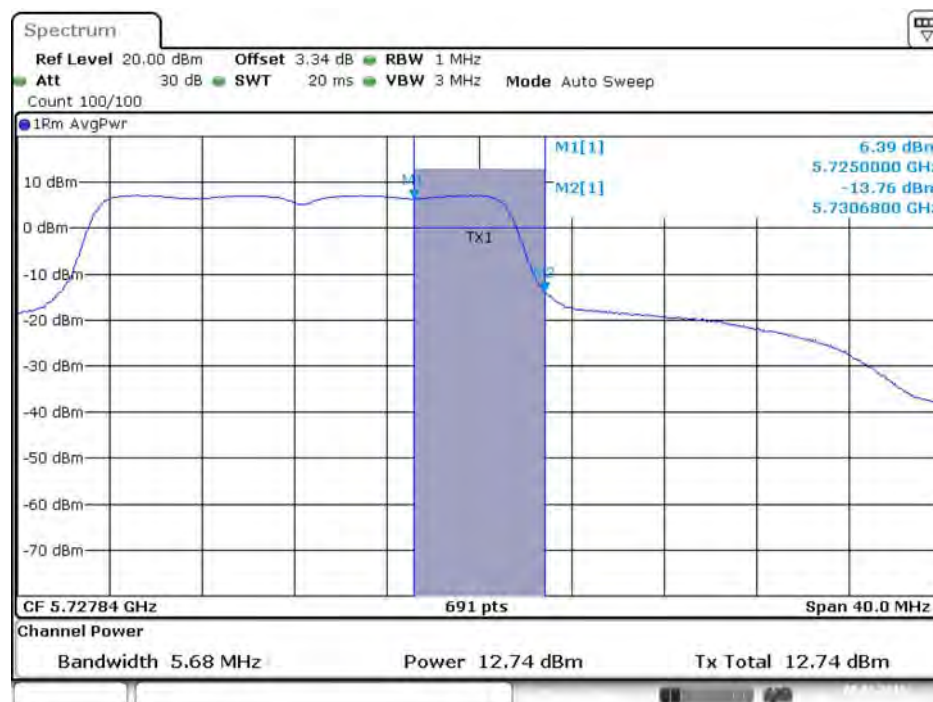
Date: 8 JAN 2016 11:54:28

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



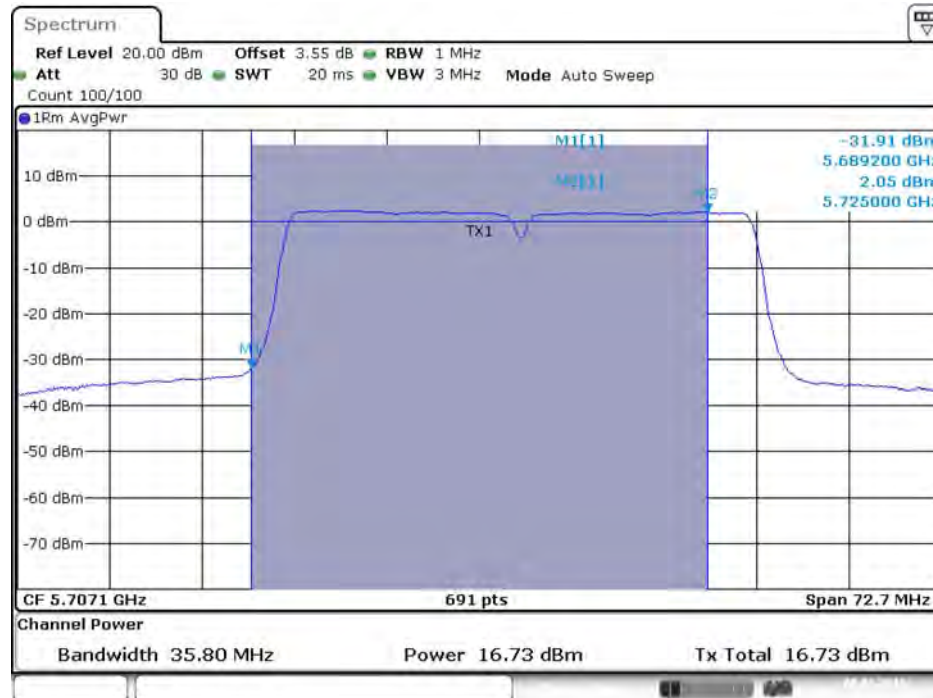
Date: 8 JAN 2016 11:54:25

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



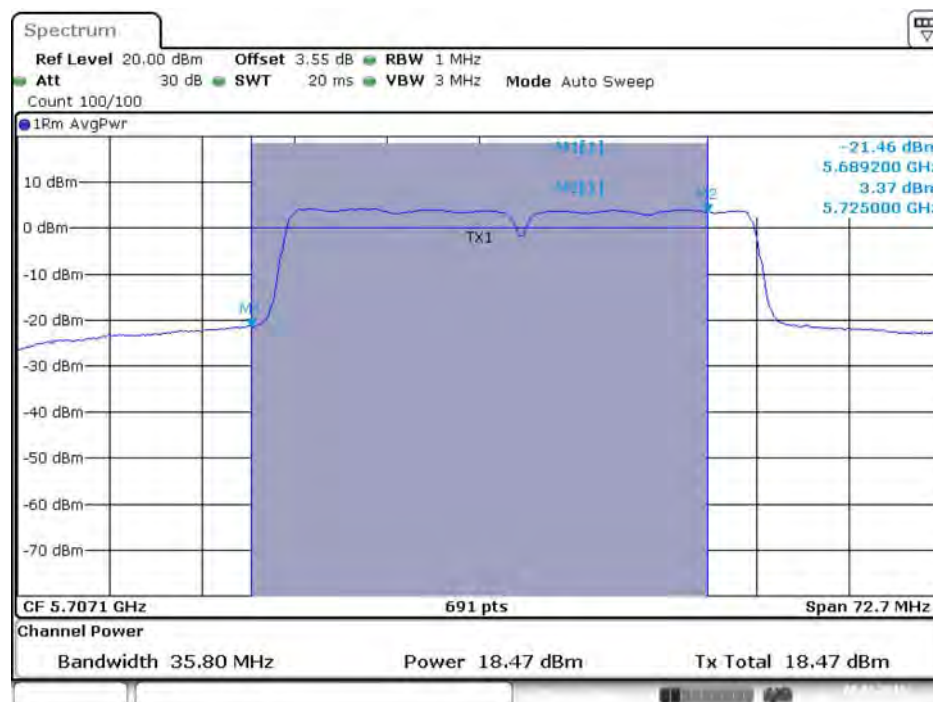
Date: 8 JAN 2016 11:54:32

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



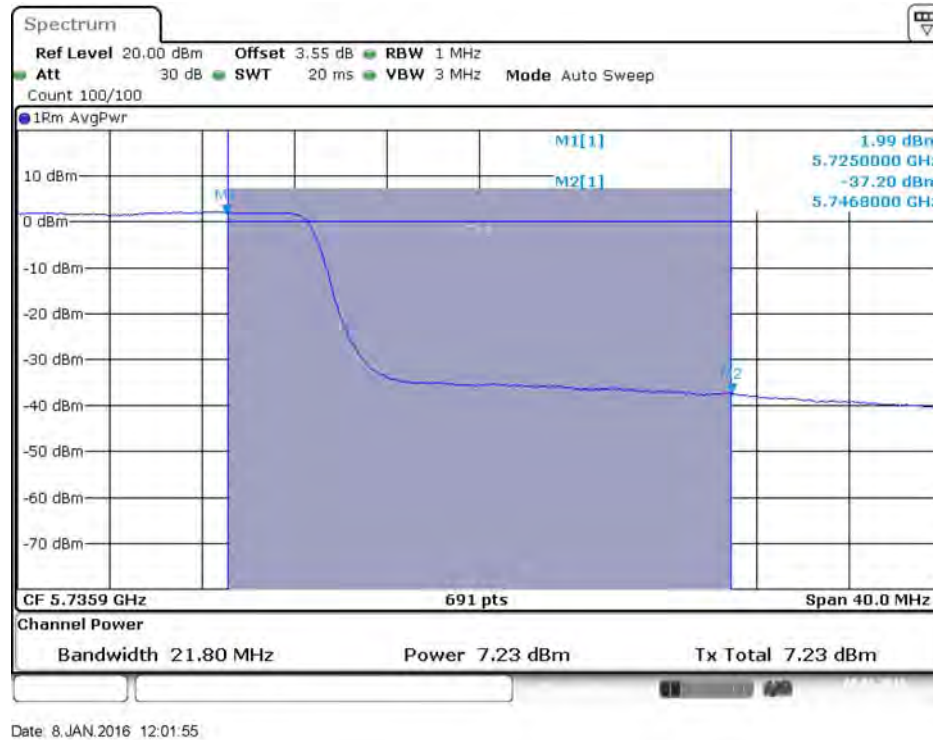
Date: 8 JAN 2016 12:01:52

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

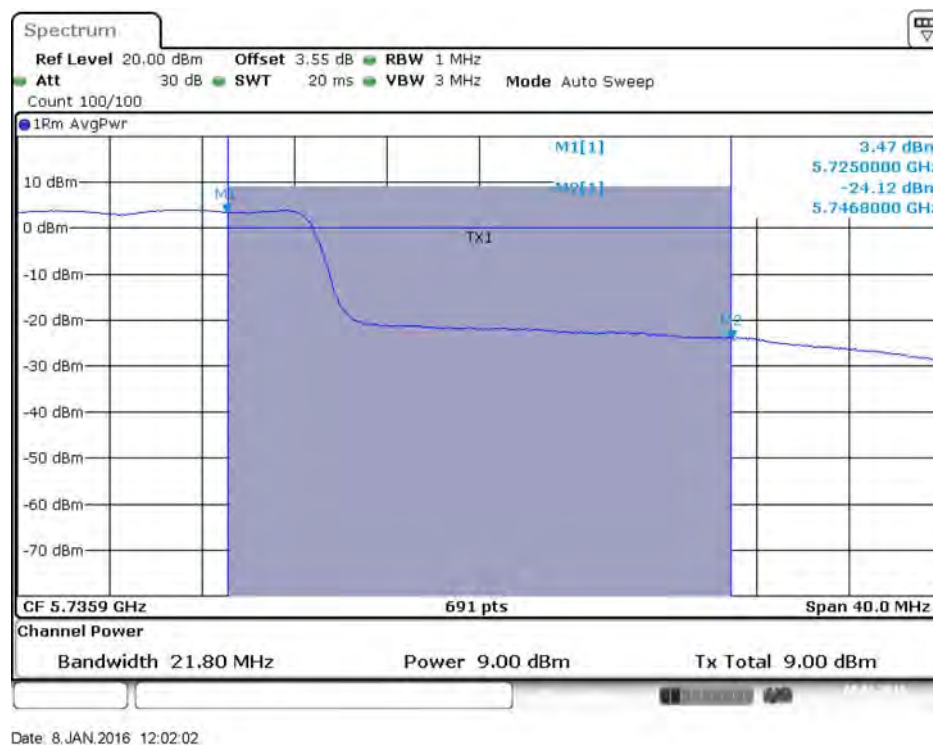


Date: 8 JAN 2016 12:01:59

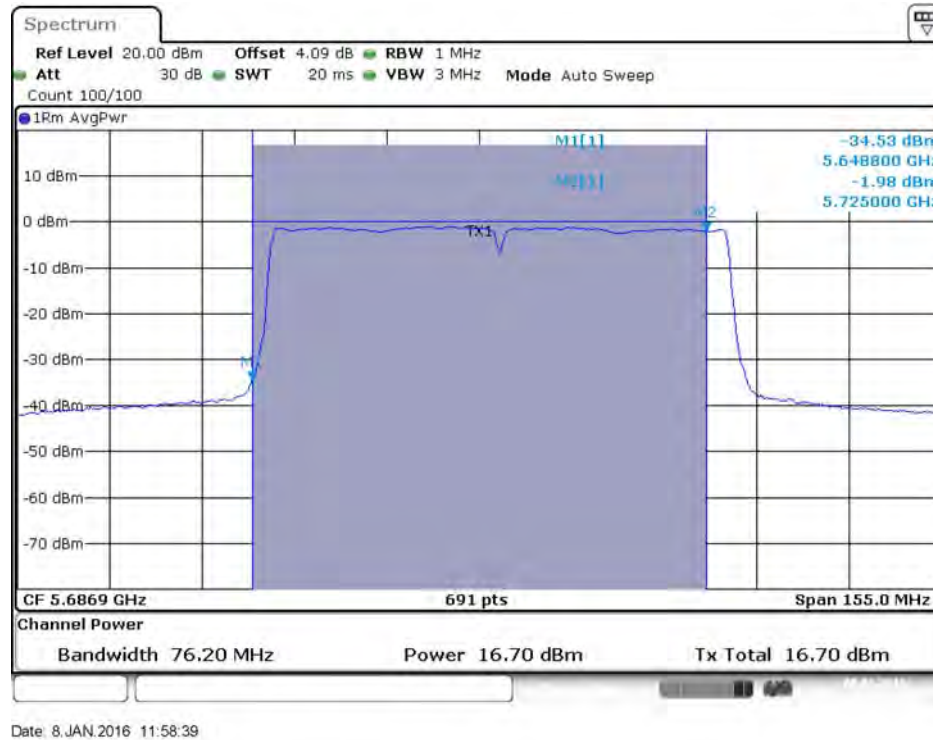
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



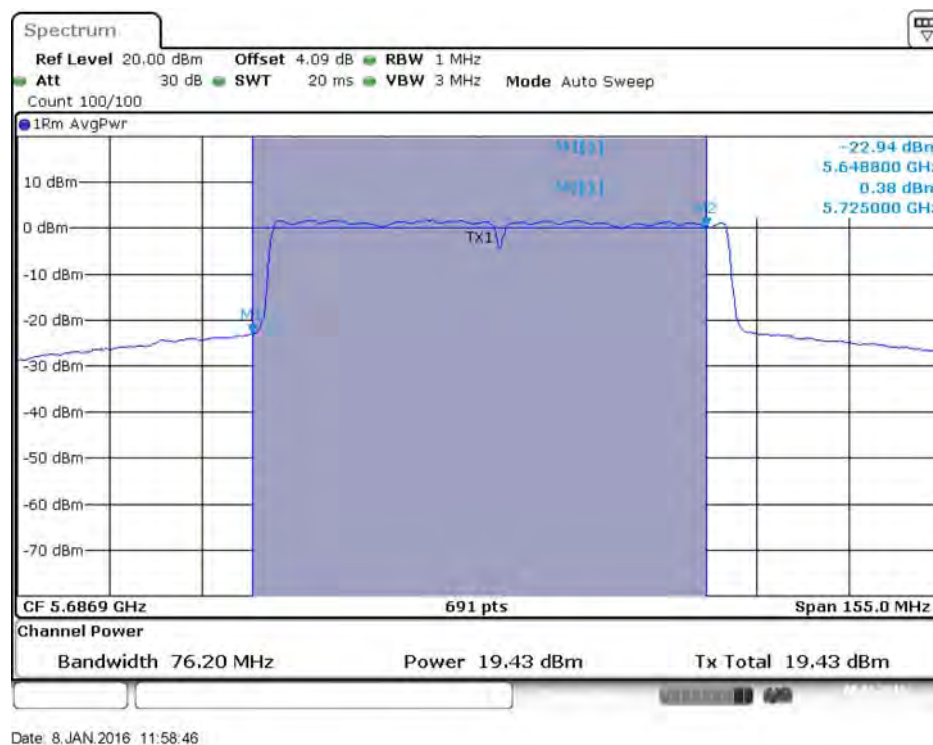
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



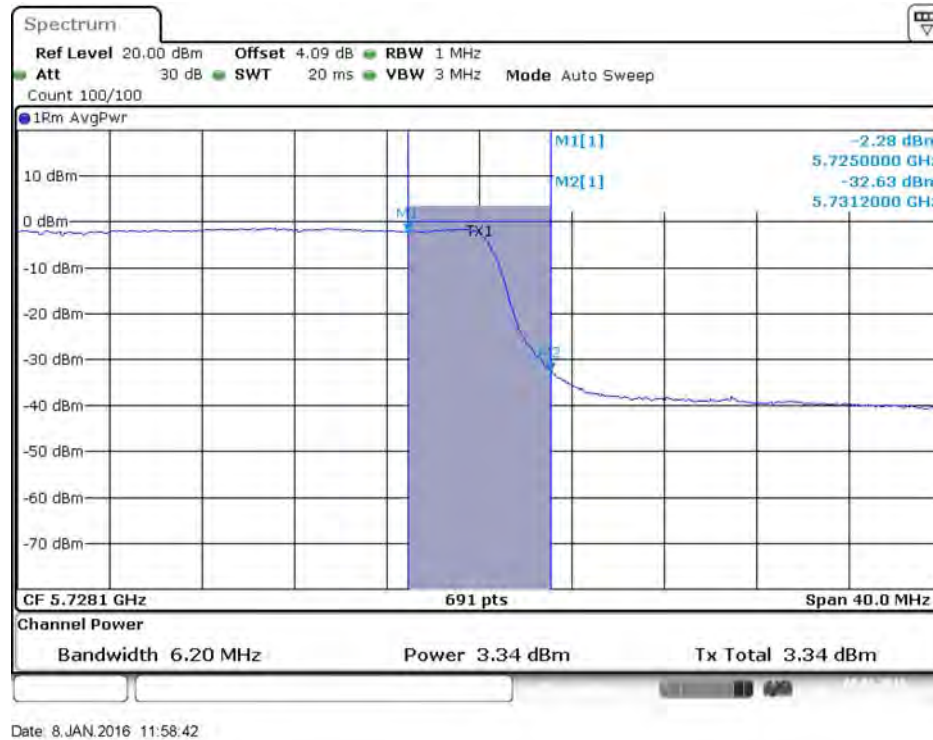
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



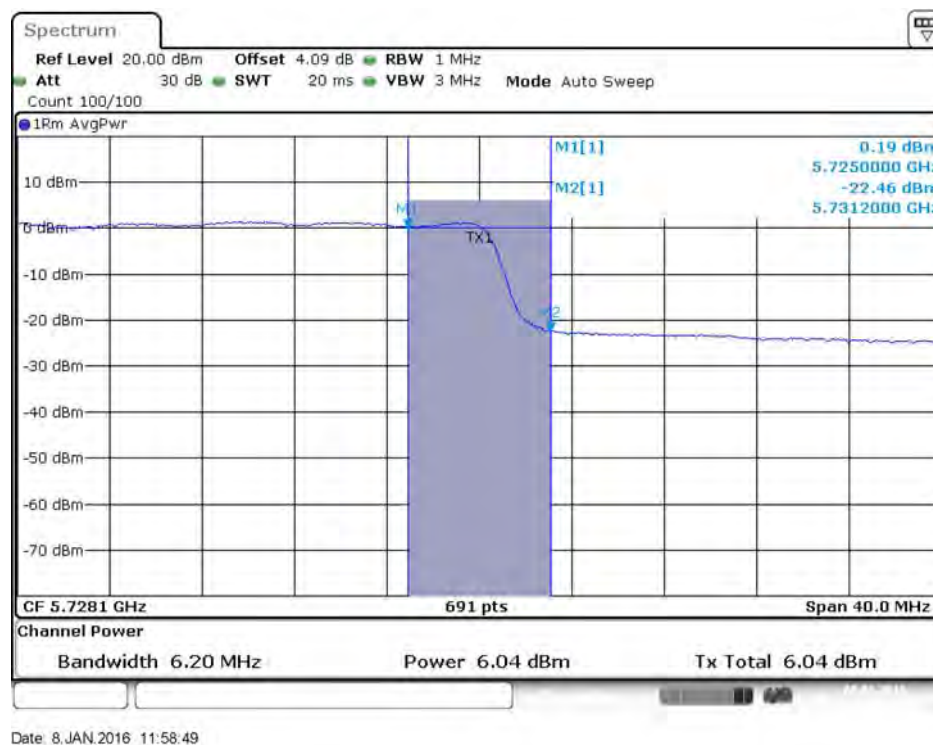
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



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

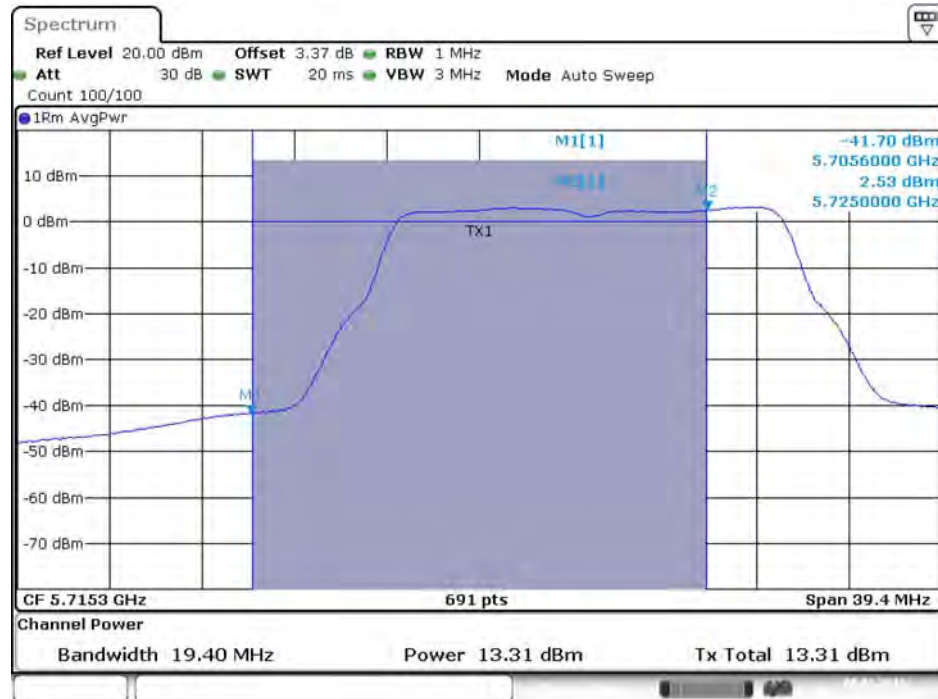


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



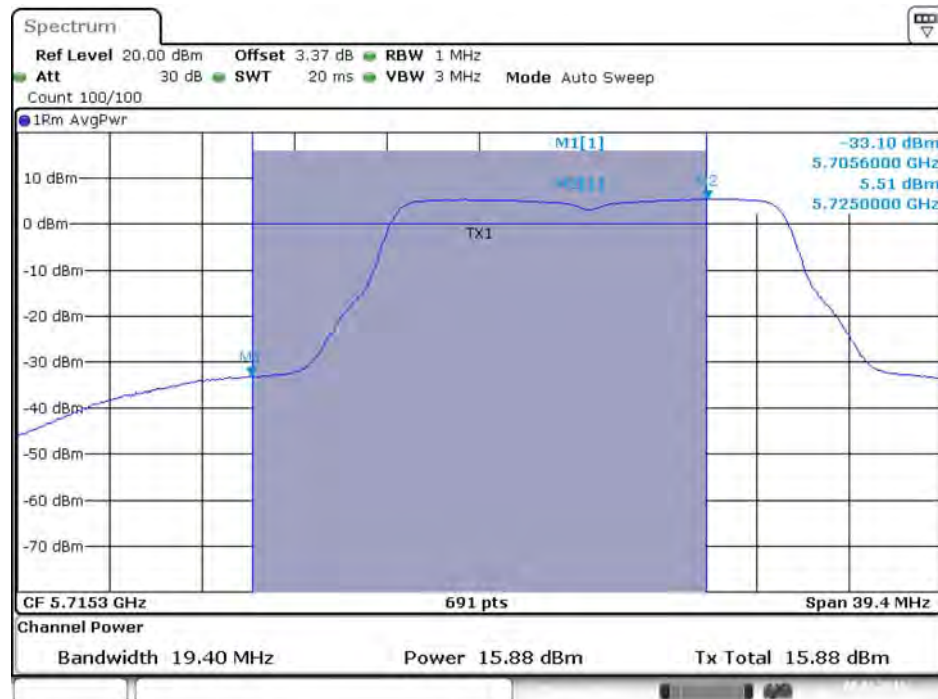
Mode 1 (Set 1 Dipole antenna / 3.96dBi / 3TX)

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



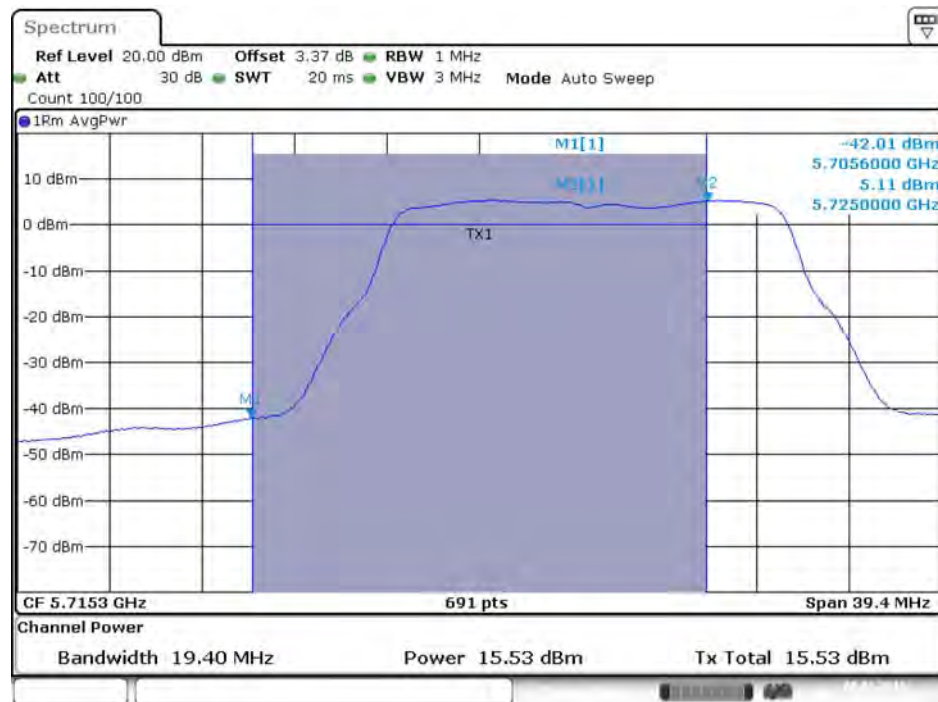
Date: 8.JAN.2016 13:42:17

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



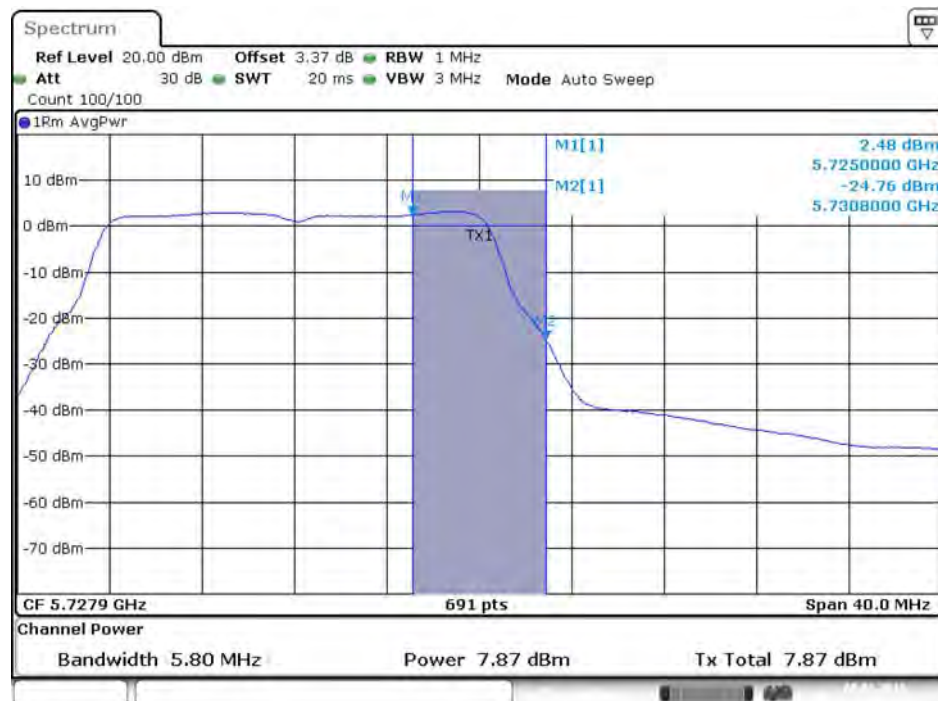
Date: 8.JAN.2016 13:42:24

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



Date: 8 JAN 2016 13:42:31

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



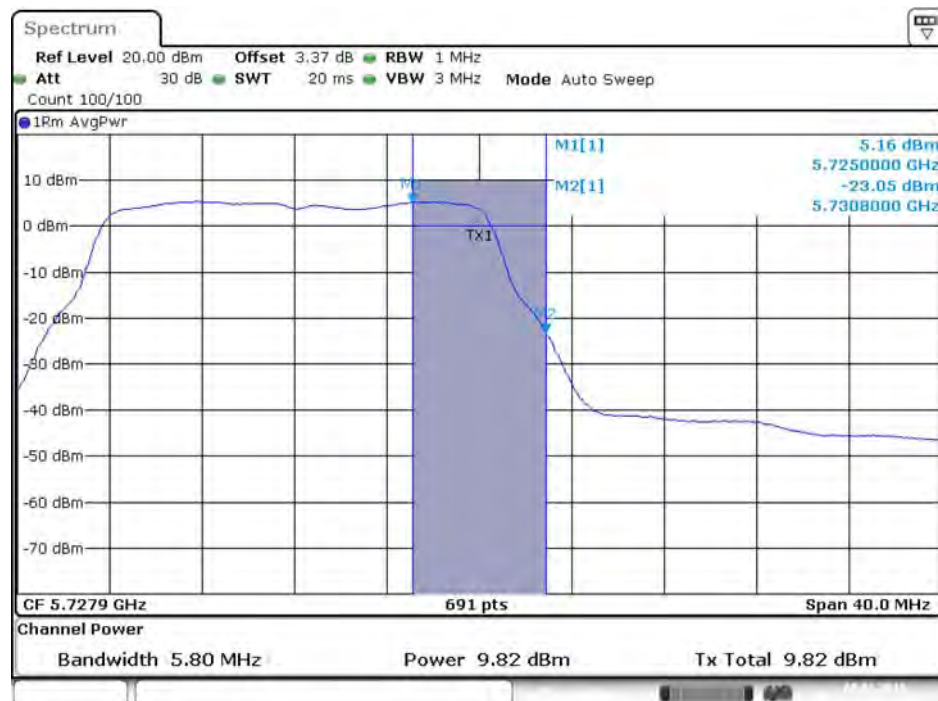
Date: 8 JAN 2016 13:42:20

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



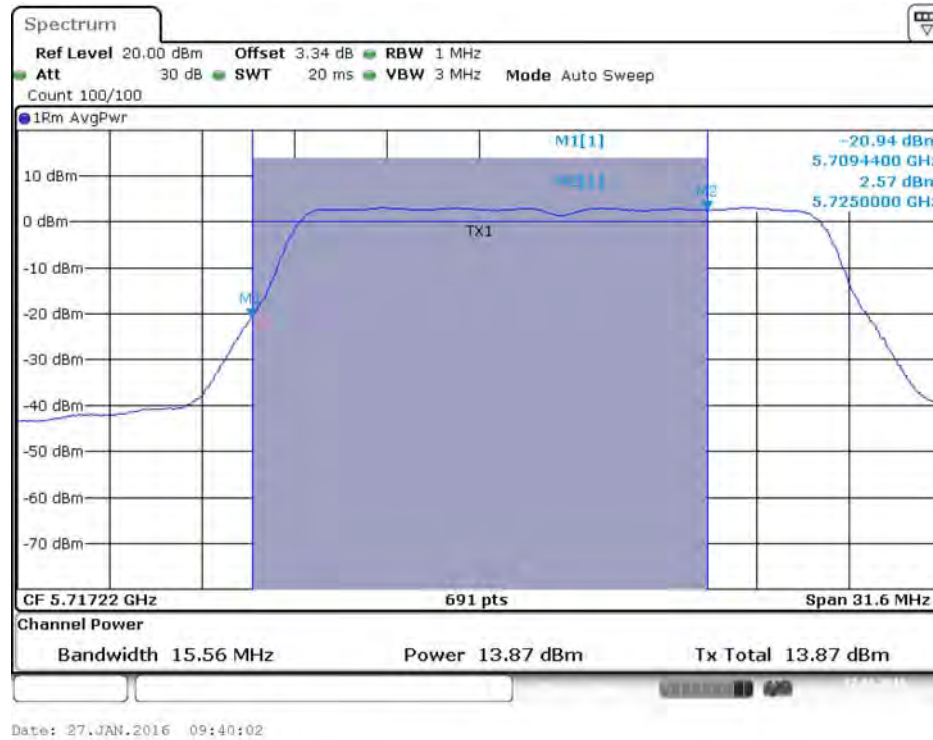
Date: 8.JAN.2016 13:42:27

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

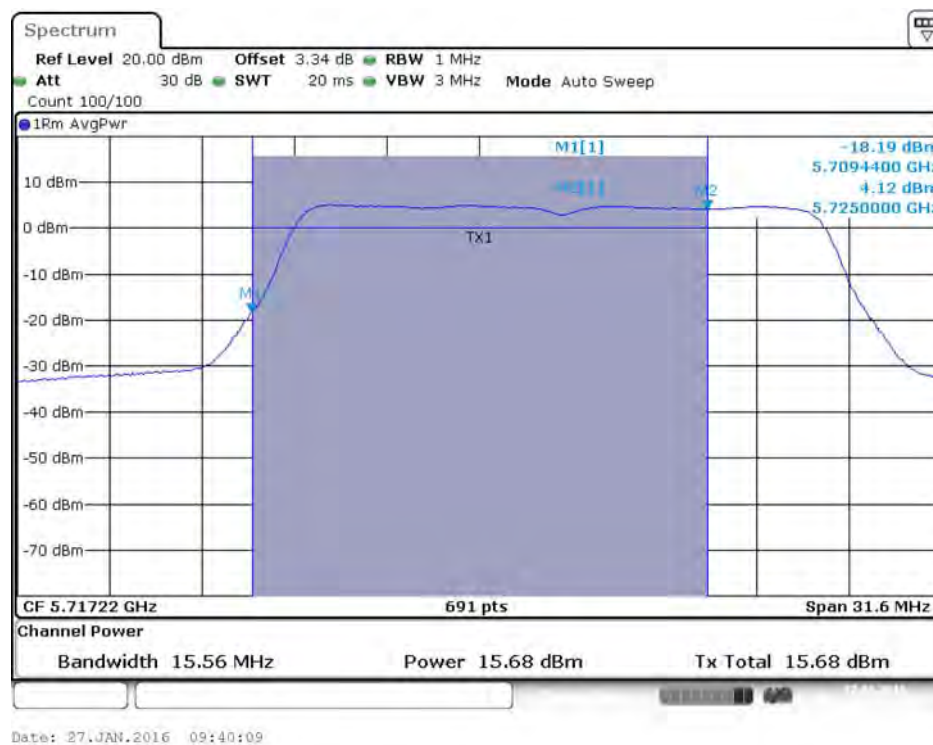


Date: 8.JAN.2016 13:42:34

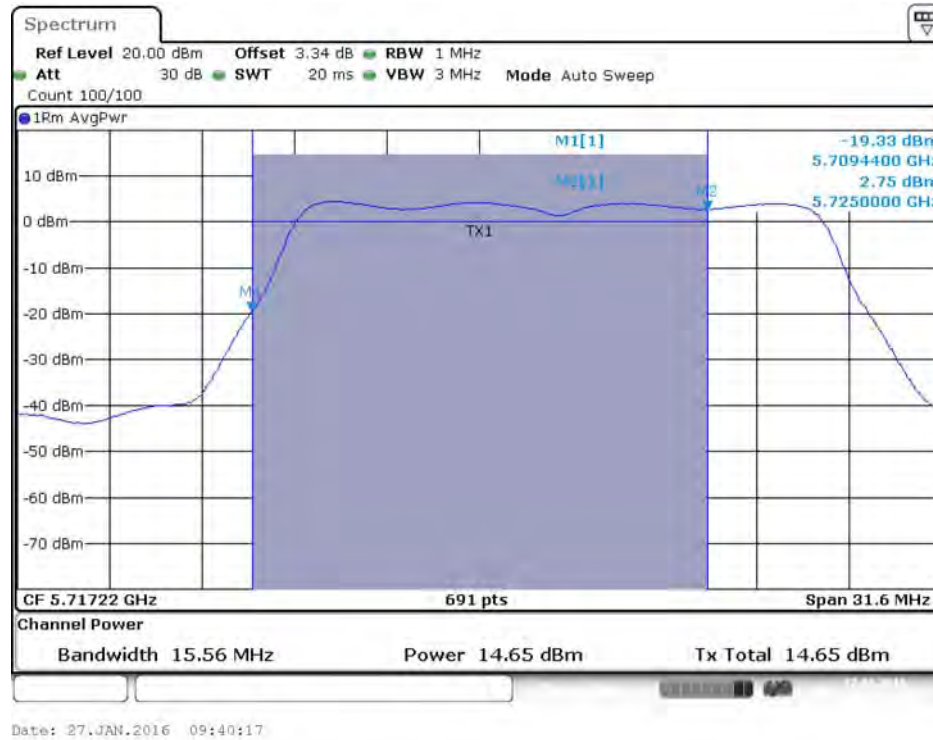
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



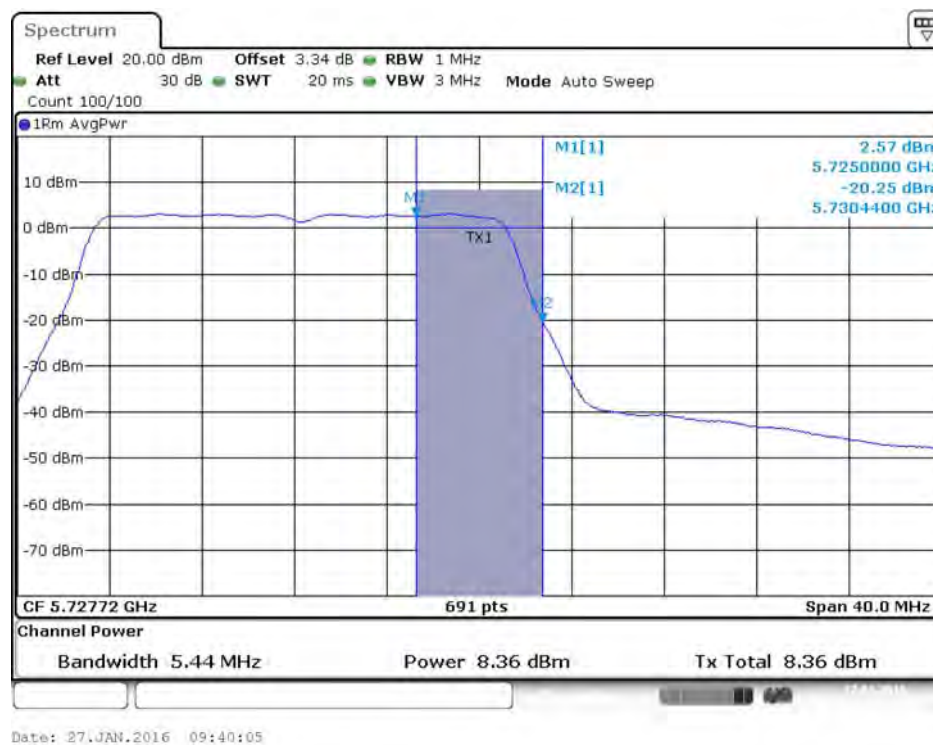
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



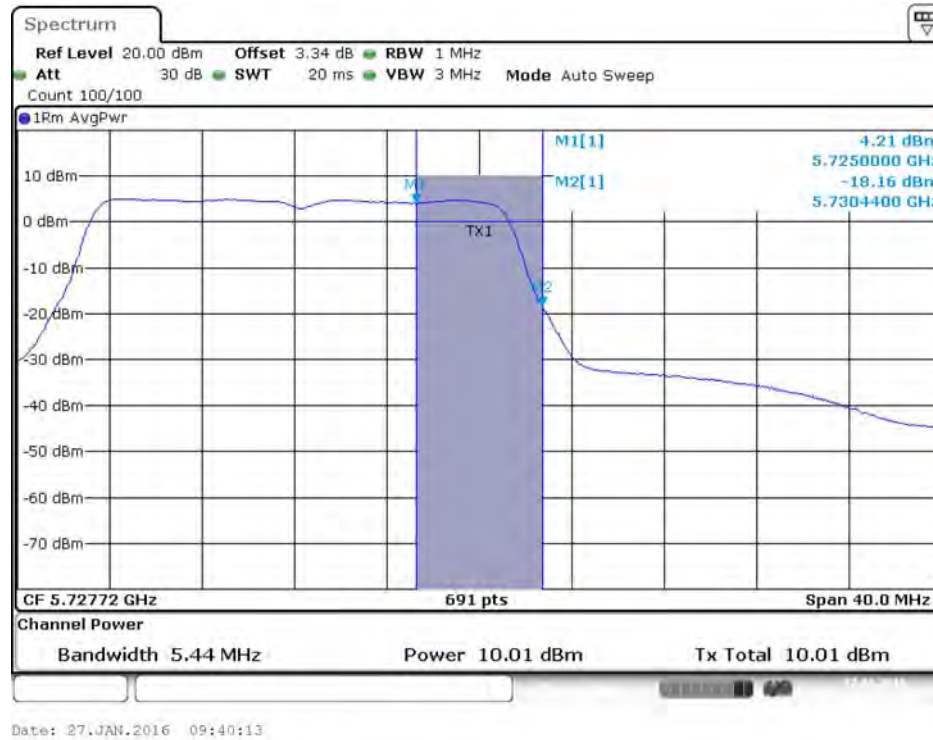
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



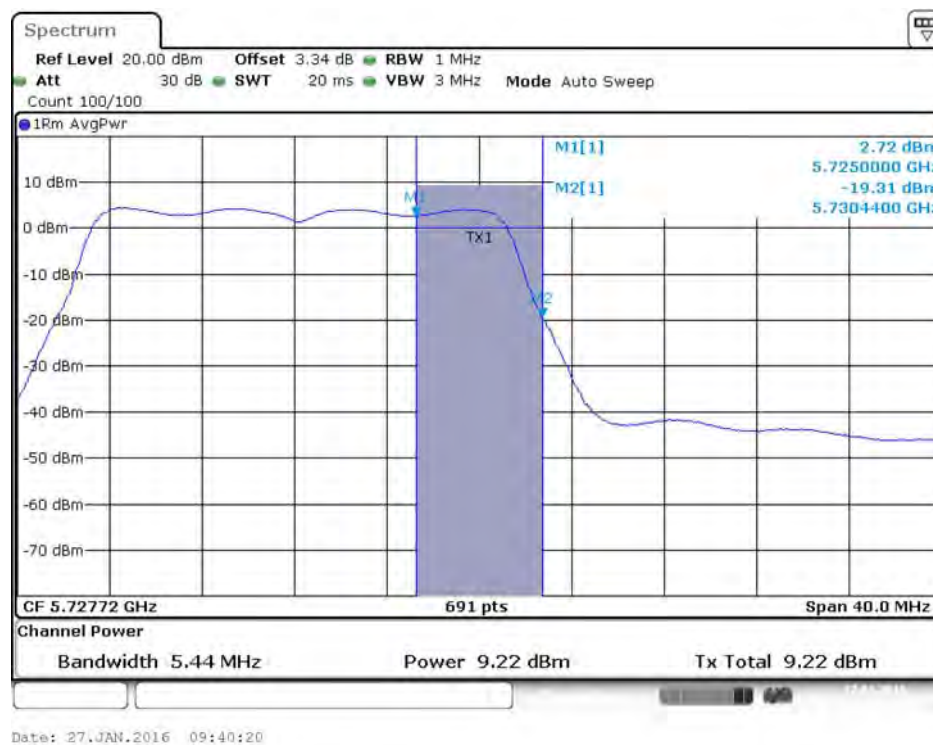
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



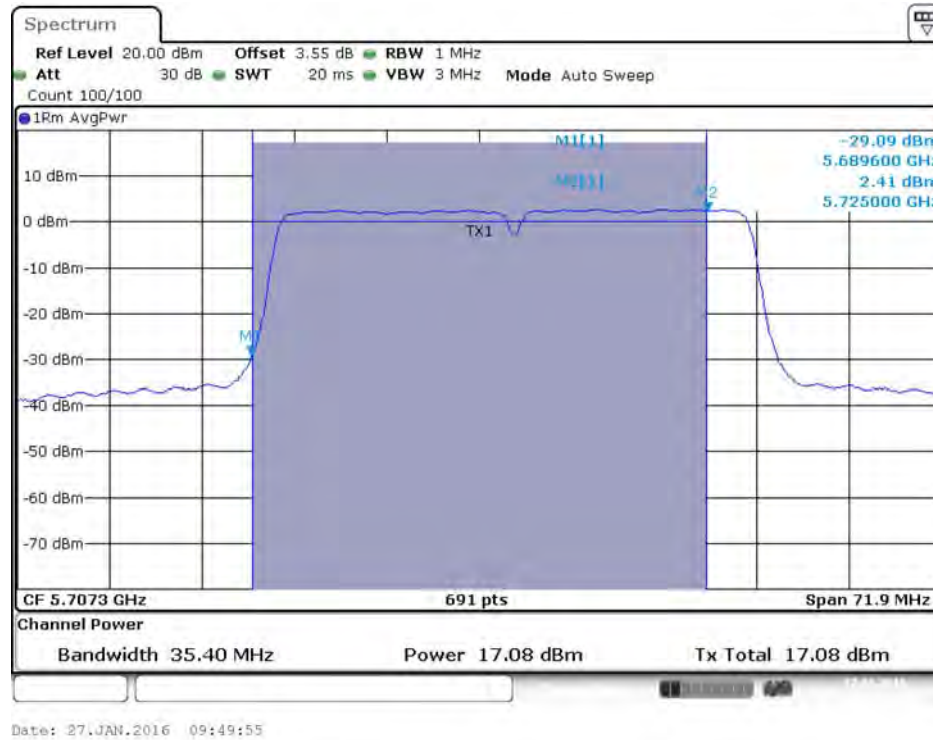
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



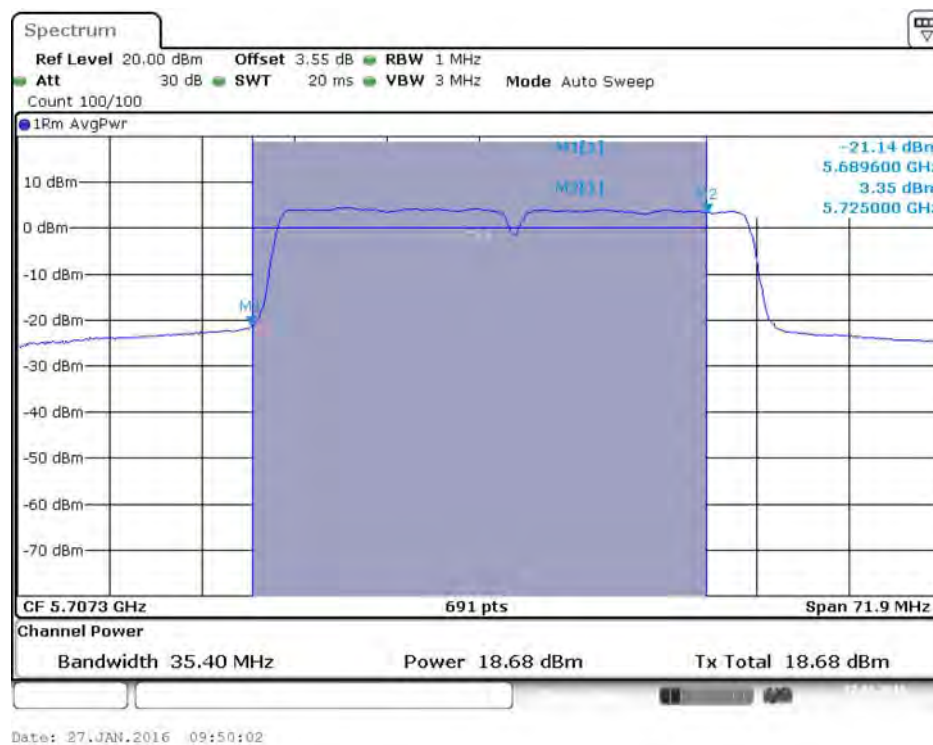
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



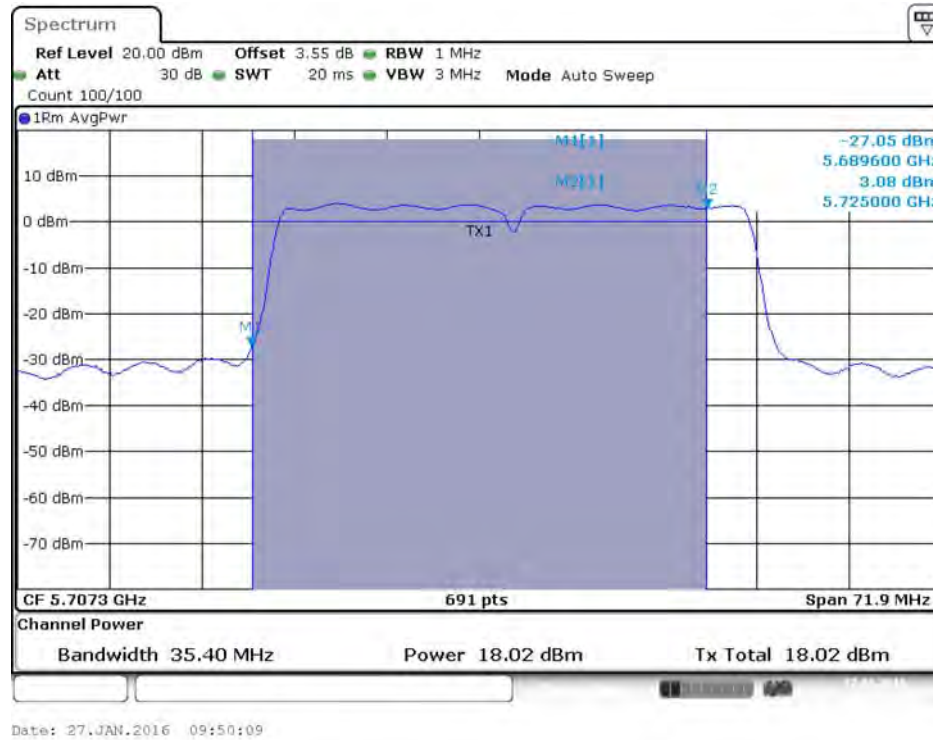
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



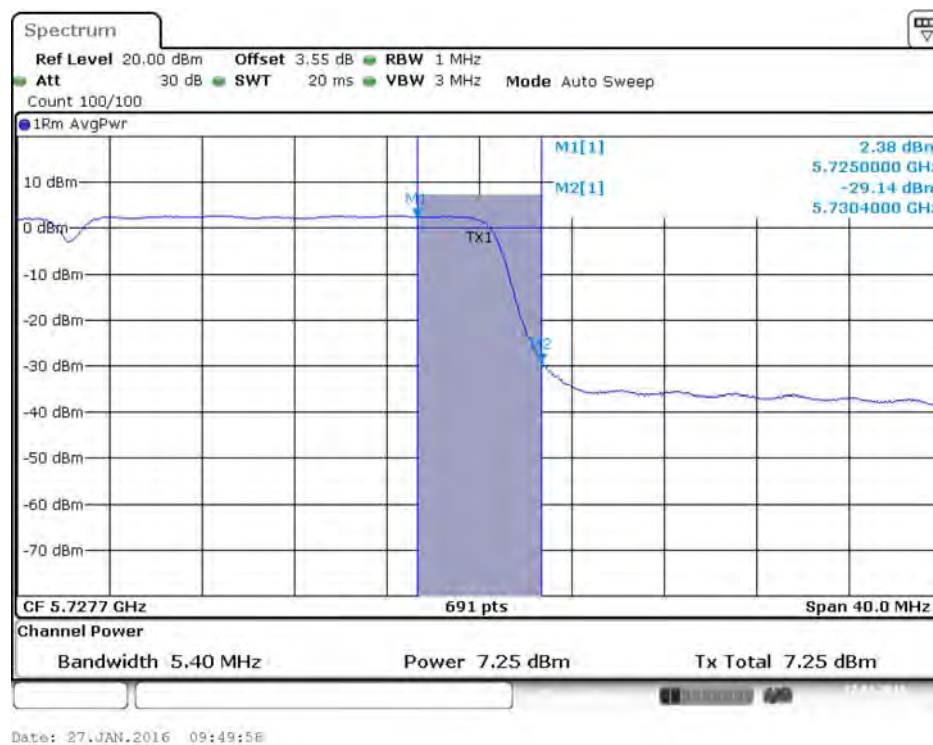
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



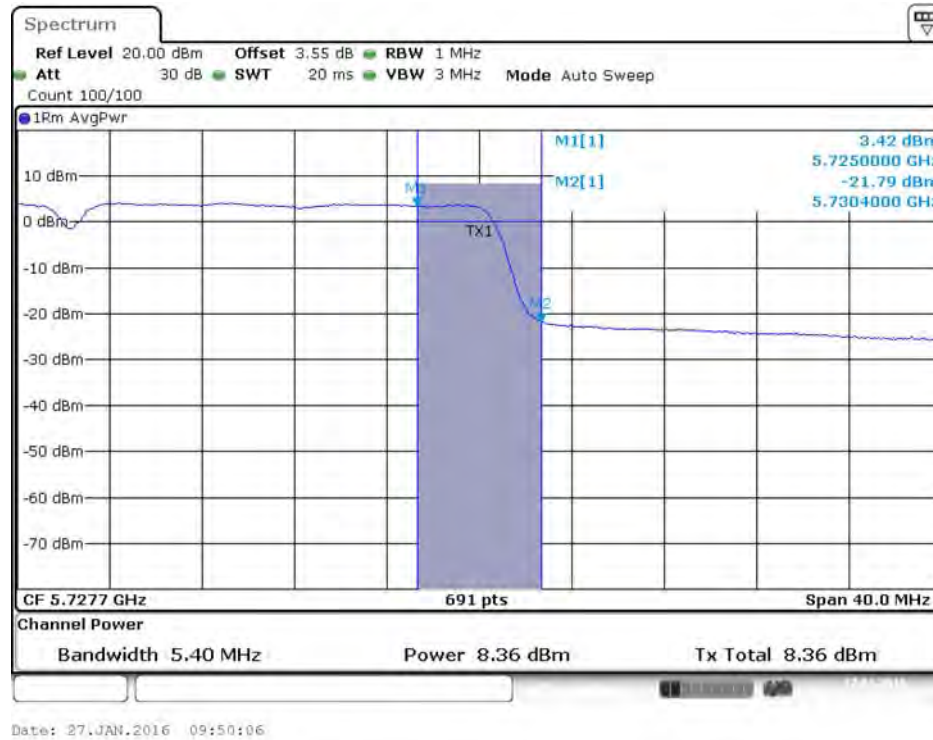
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



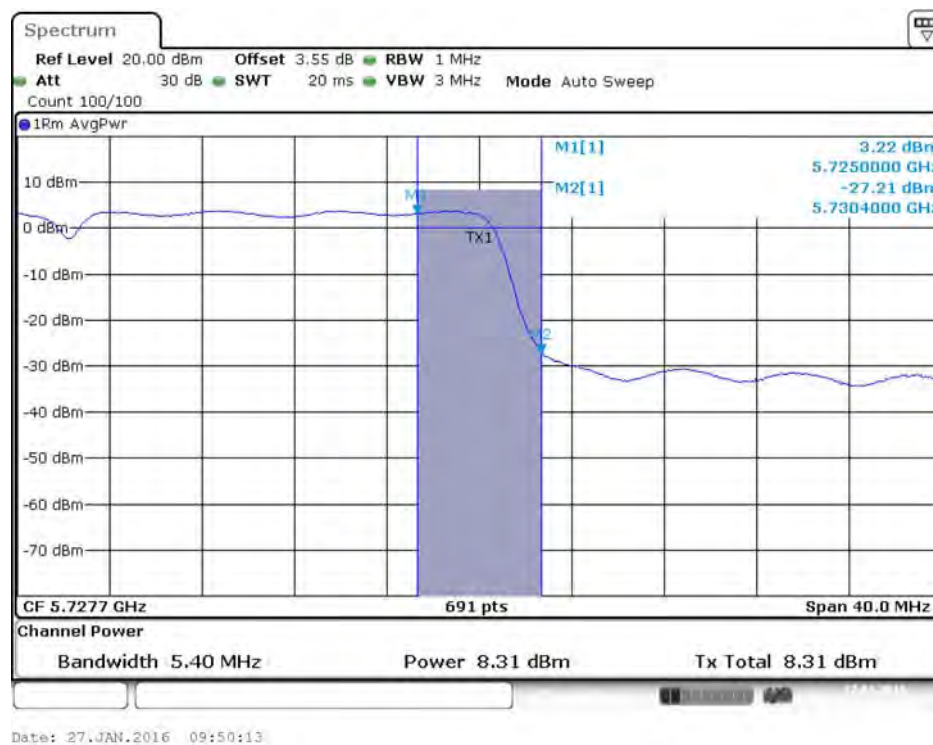
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



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 3)





Spectrum

Ref Level 20.00 dBm Offset 7.09 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

CF 5.6869 GHz 691 pts Span 155.0 MHz

Channel Power

Bandwidth 76.20 MHz Power 16.91 dBm Tx Total 16.91 dBm

Spectrum

Ref Level 20.00 dBm Offset 7.09 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

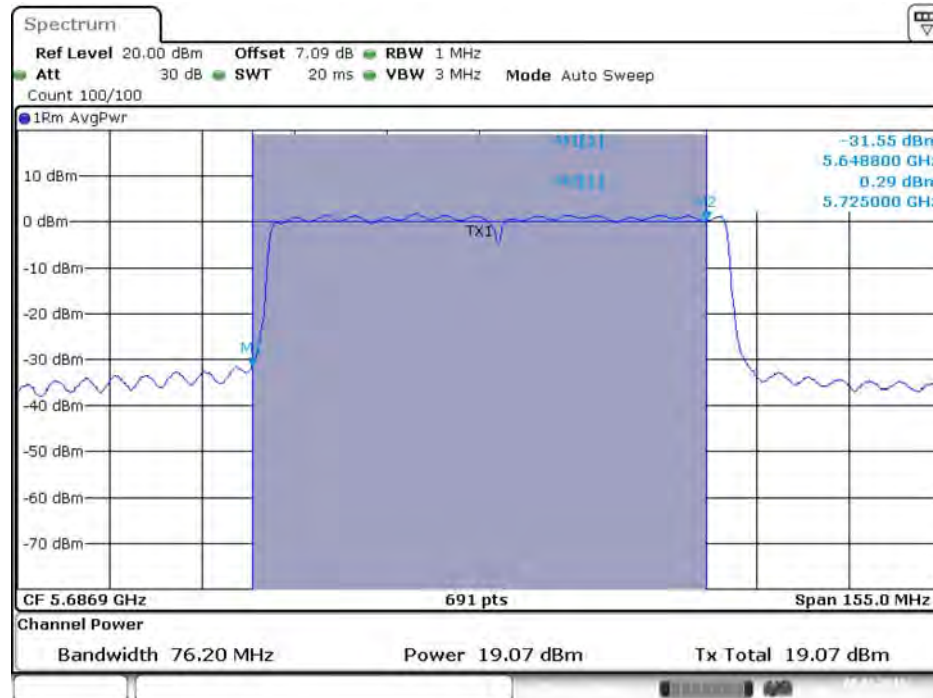
CF 5.6869 GHz 691 pts Span 155.0 MHz

Channel Power

Bandwidth 76.20 MHz Power 19.84 dBm Tx Total 19.84 dBm

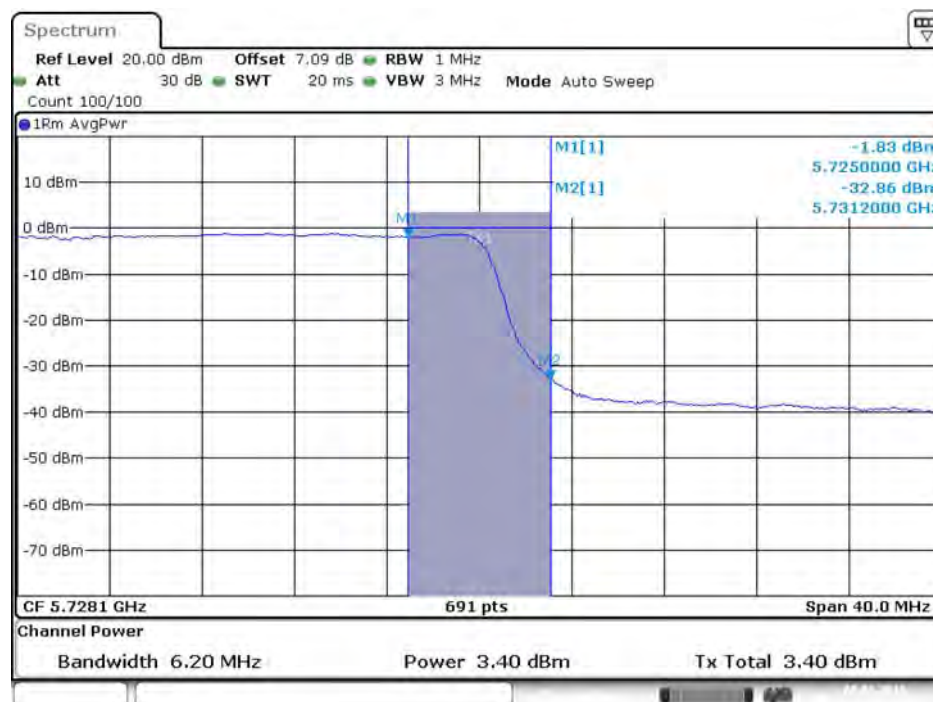
Date: 8 JAN 2016 13:52:25

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



Date: 8 JAN 2016 13:52:32

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



Date: 8 JAN 2016 13:52:21

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



Date: 8 JAN 2016 13:52:28

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



Date: 8 JAN 2016 13:52:35

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

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



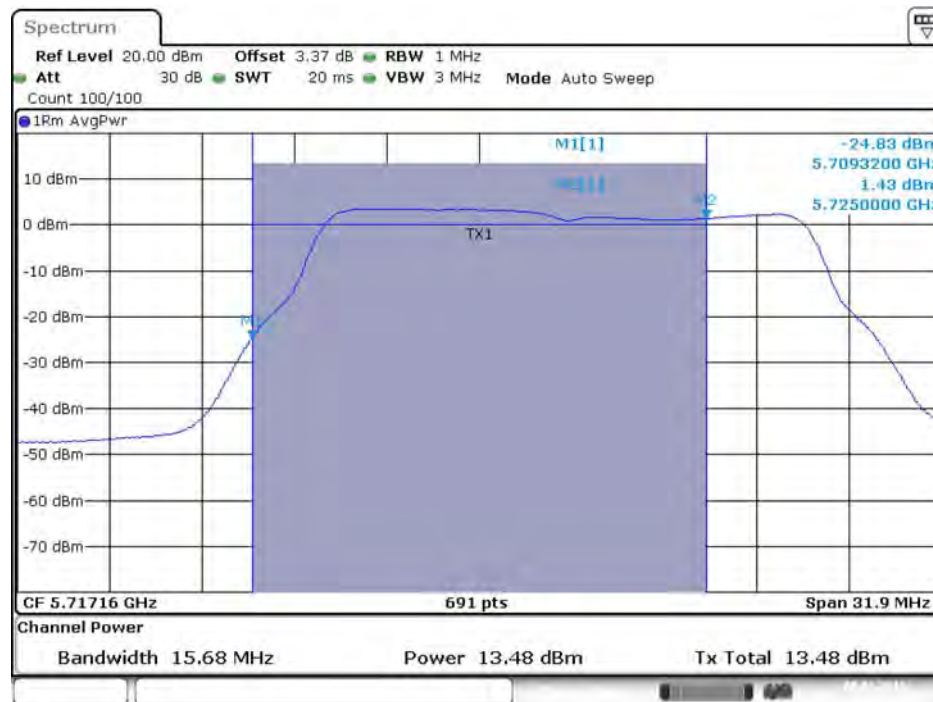
Date: 8.JAN.2016 14:10:15

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



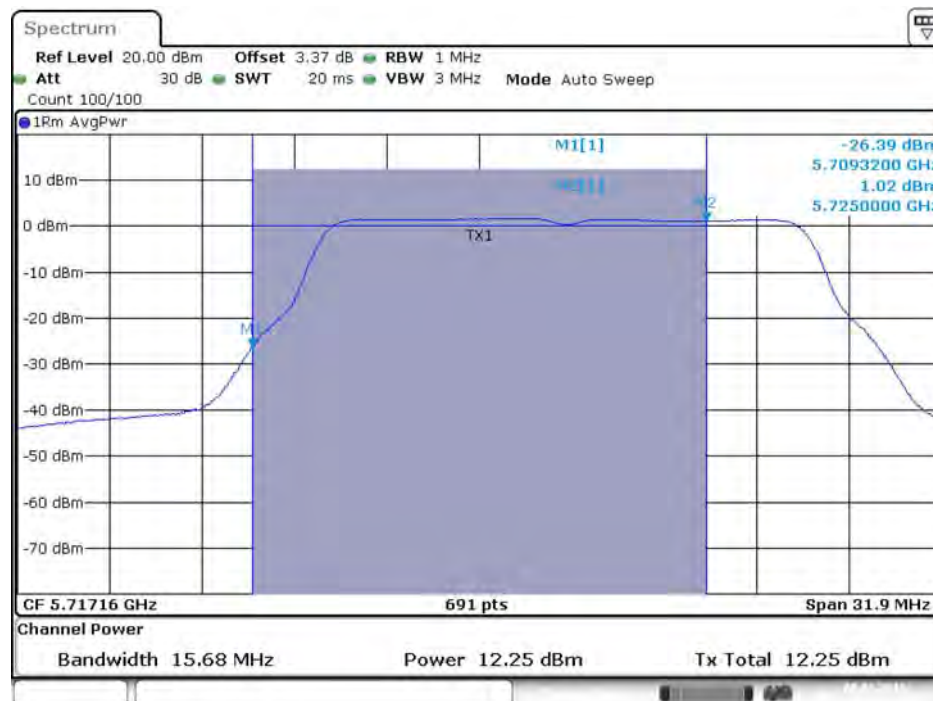
Date: 8.JAN.2016 14:10:22

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



Date: 8.JAN.2016 14:10:29

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



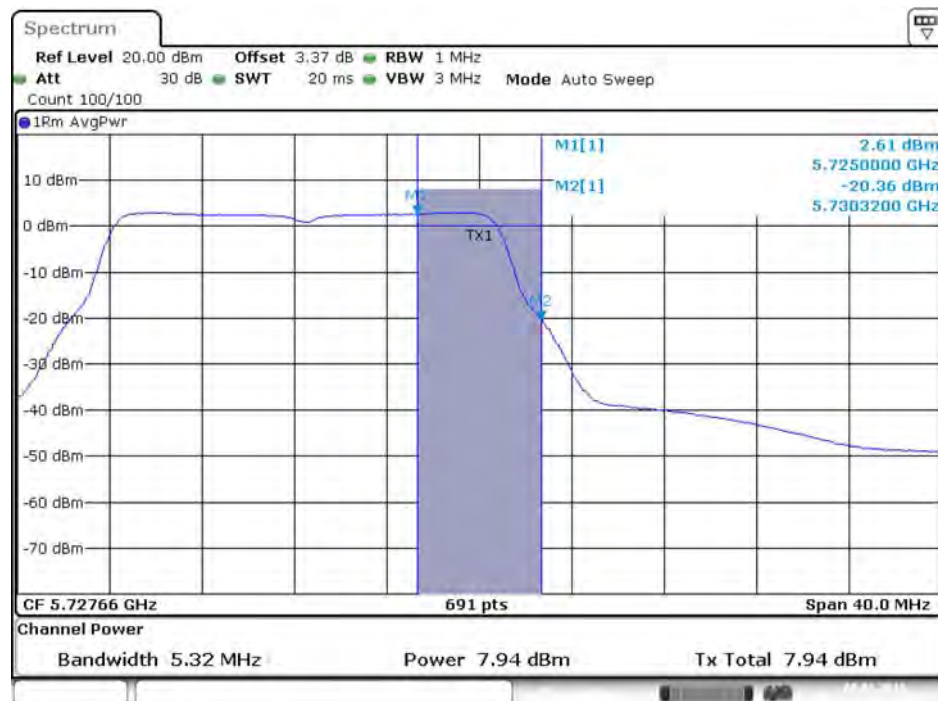
Date: 8.JAN.2016 14:10:36

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



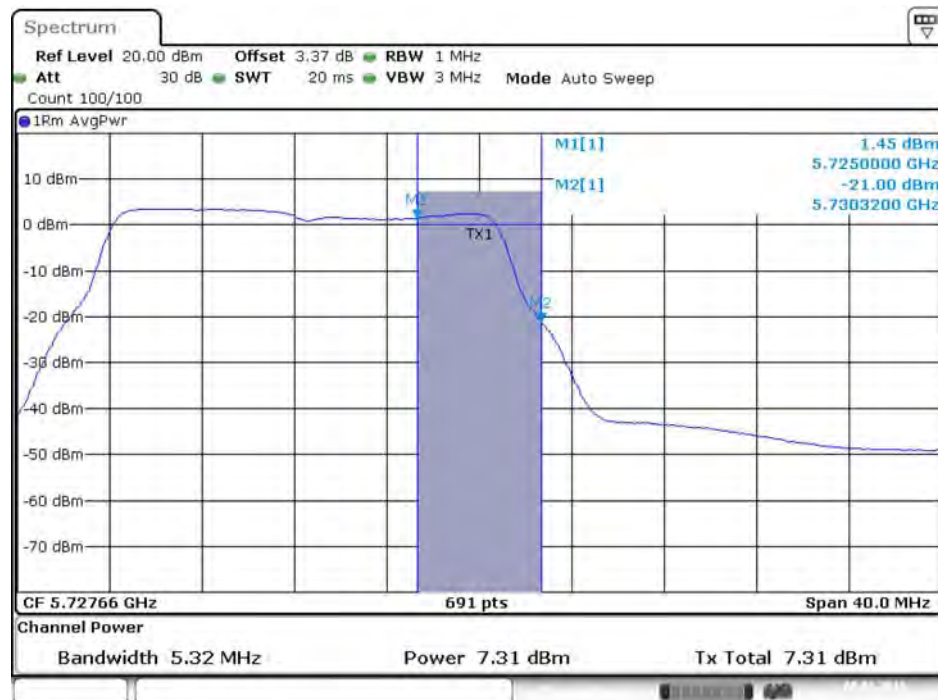
Date: 8.JAN.2016 14:10:18

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



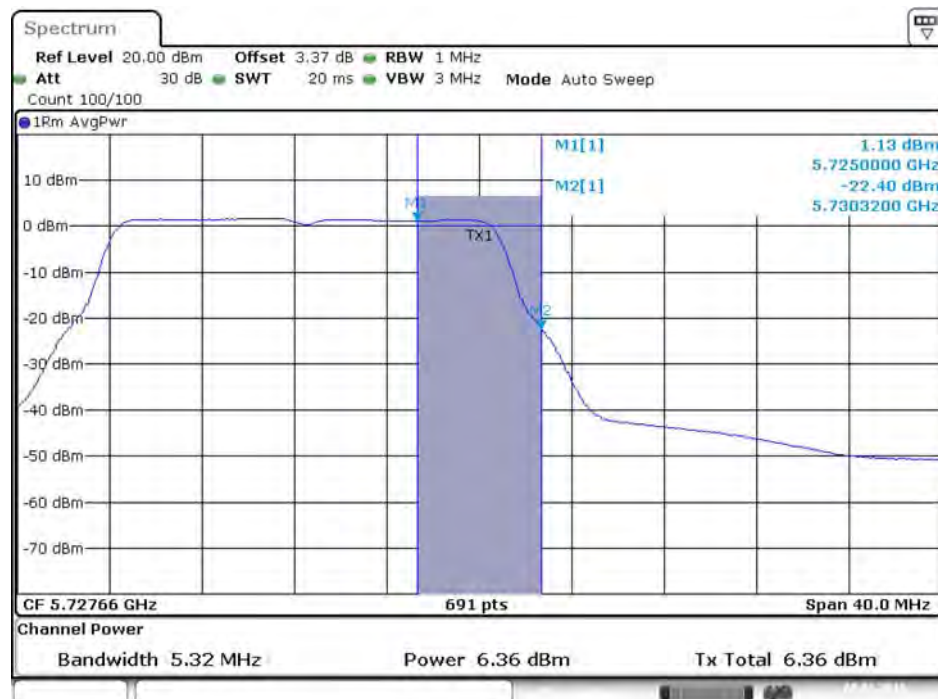
Date: 8.JAN.2016 14:10:25

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



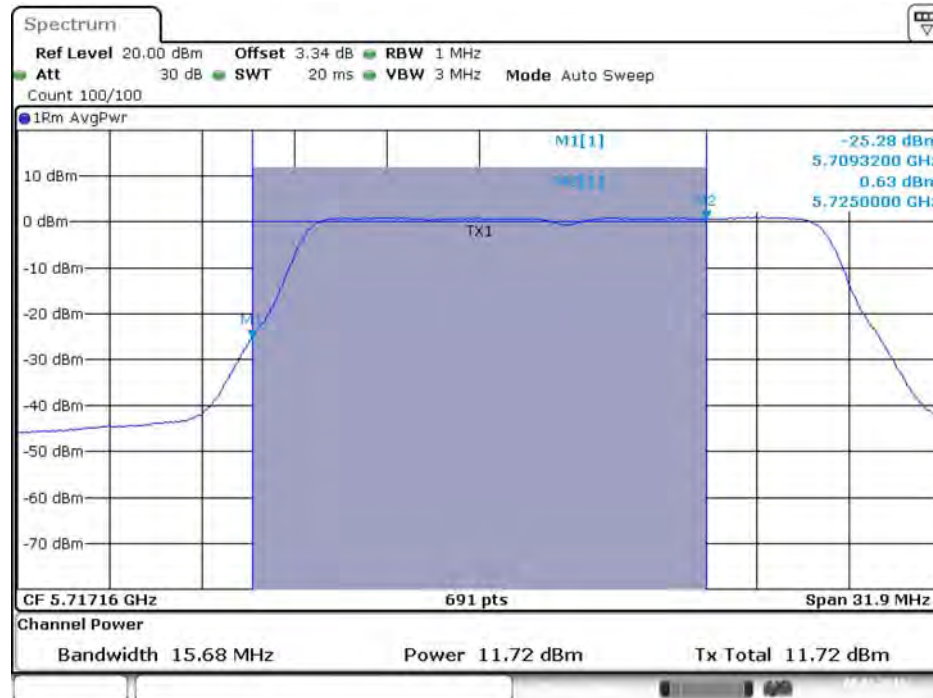
Date: 8.JAN.2016 14:10:32

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



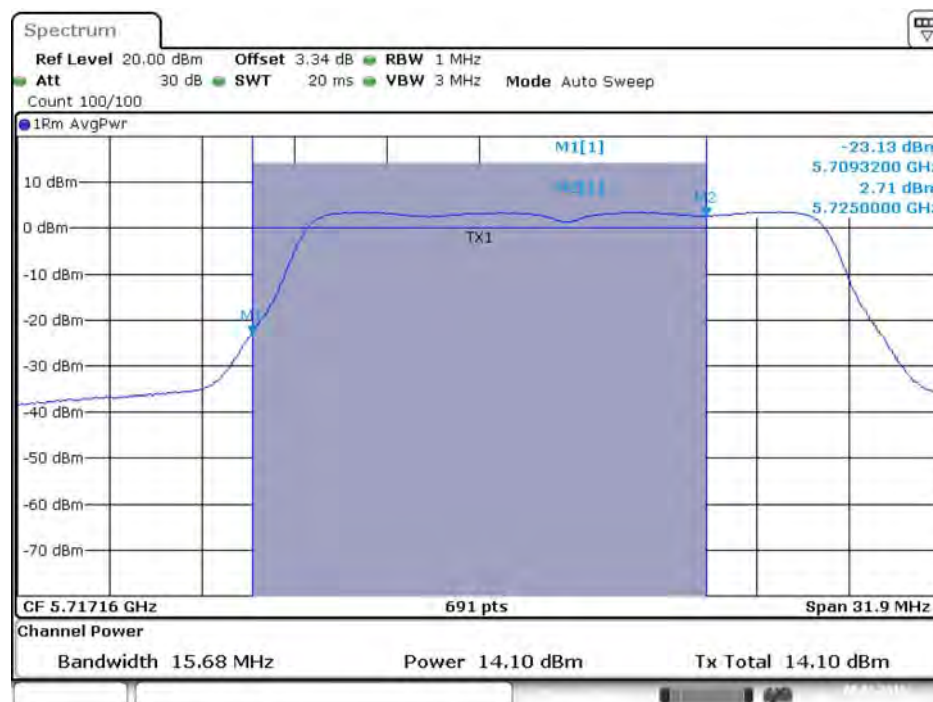
Date: 8.JAN.2016 14:10:39

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



Date: 8.JAN.2016 14:20:51

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



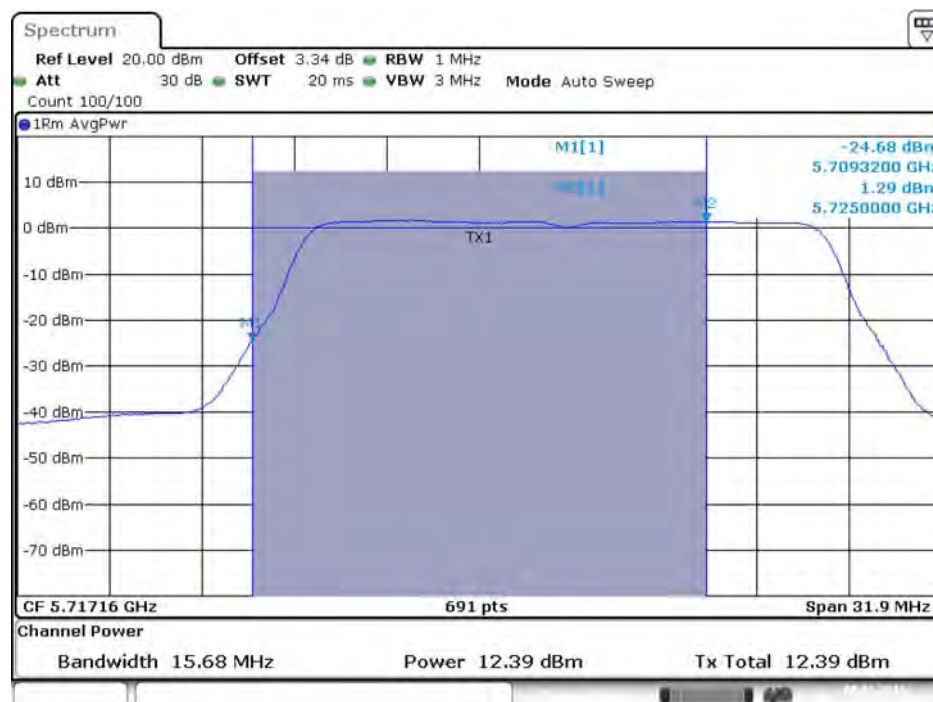
Date: 8.JAN.2016 14:20:58

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



Date: 8.JAN.2016 14:21:05

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



Date: 8.JAN.2016 14:21:12

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



Date: 8.JAN.2016 14:20:54

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



Date: 8.JAN.2016 14:21:01

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



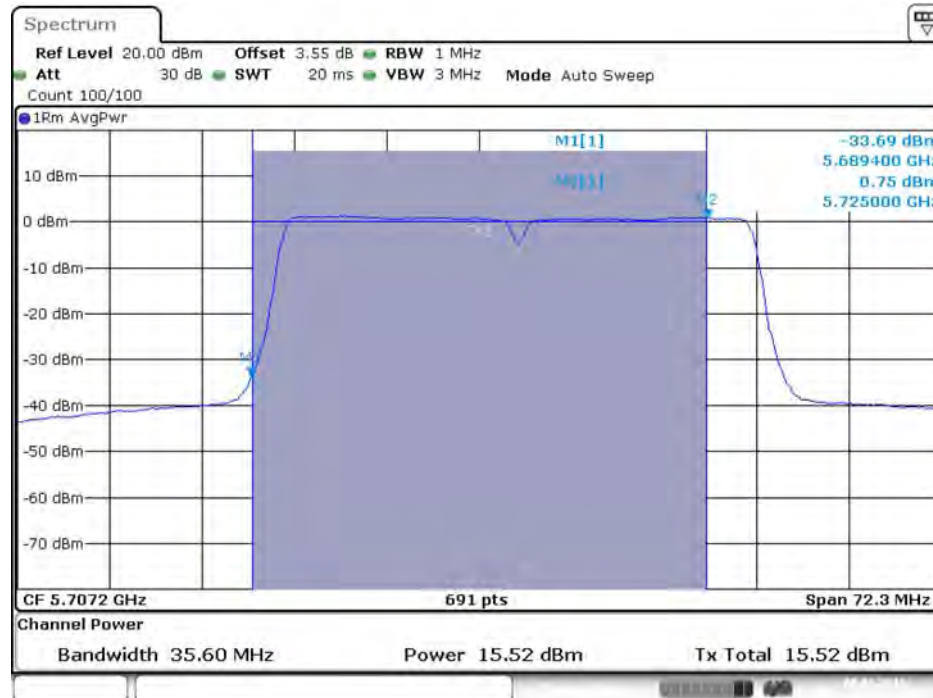
Date: 8.JAN.2016 14:21:08

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



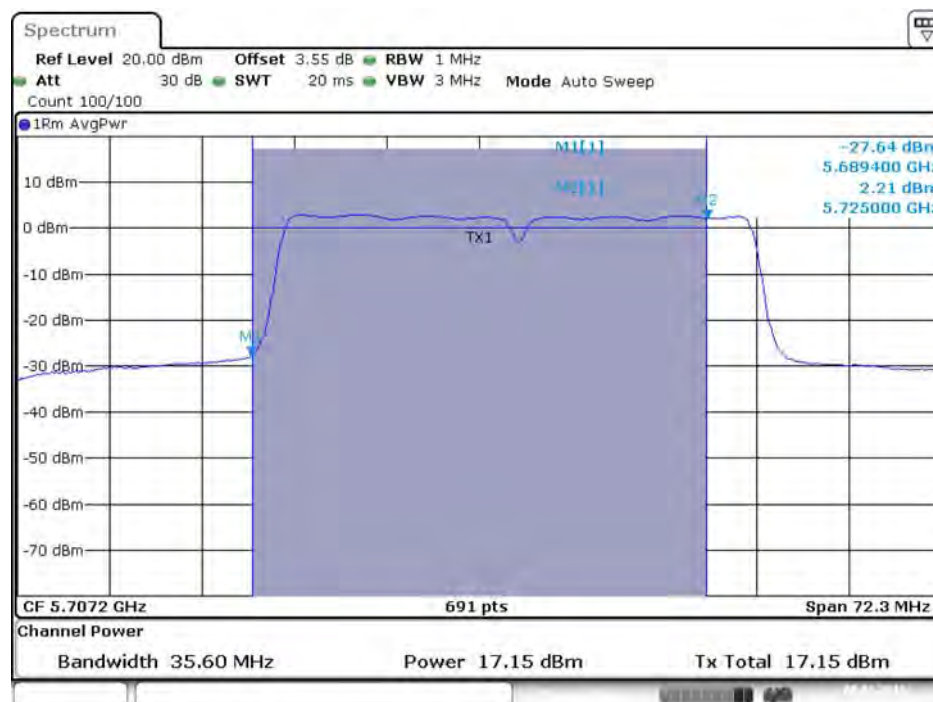
Date: 8.JAN.2016 14:21:15

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



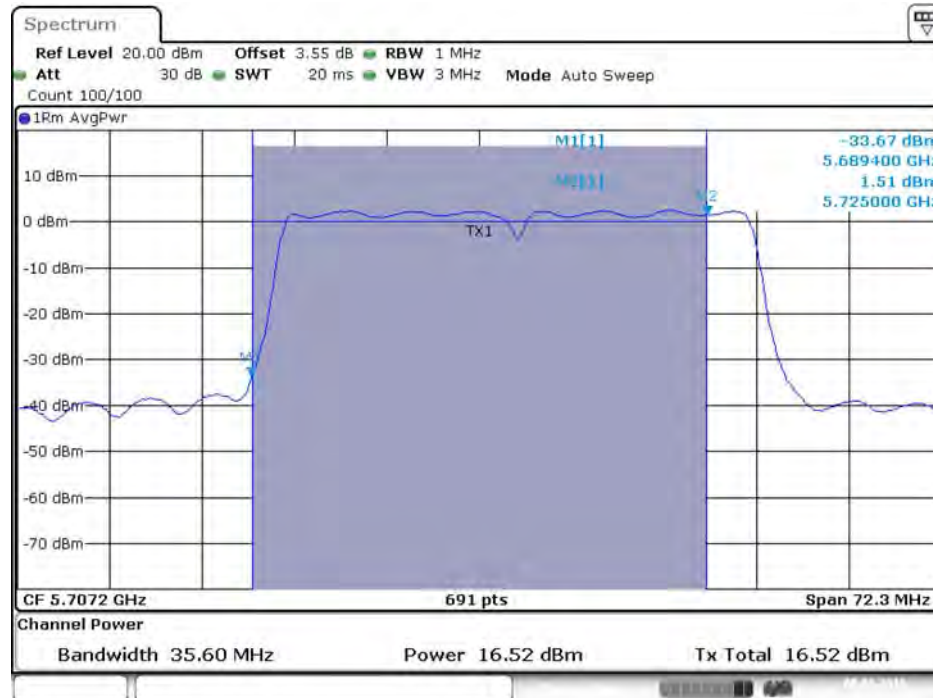
Date: 8.JAN.2016 14:33:41

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



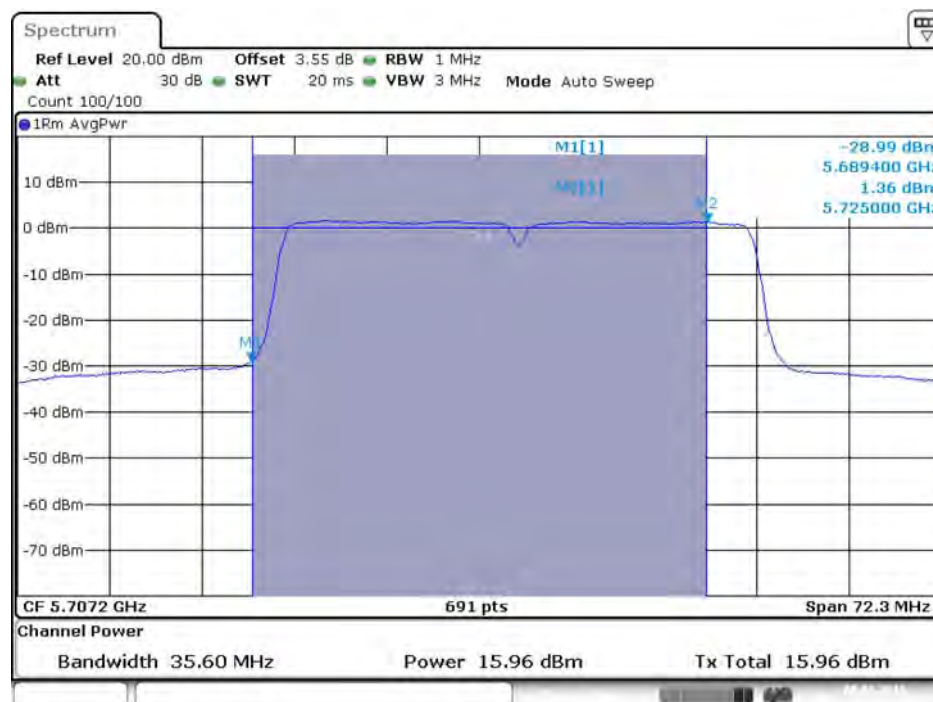
Date: 8.JAN.2016 14:33:48

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



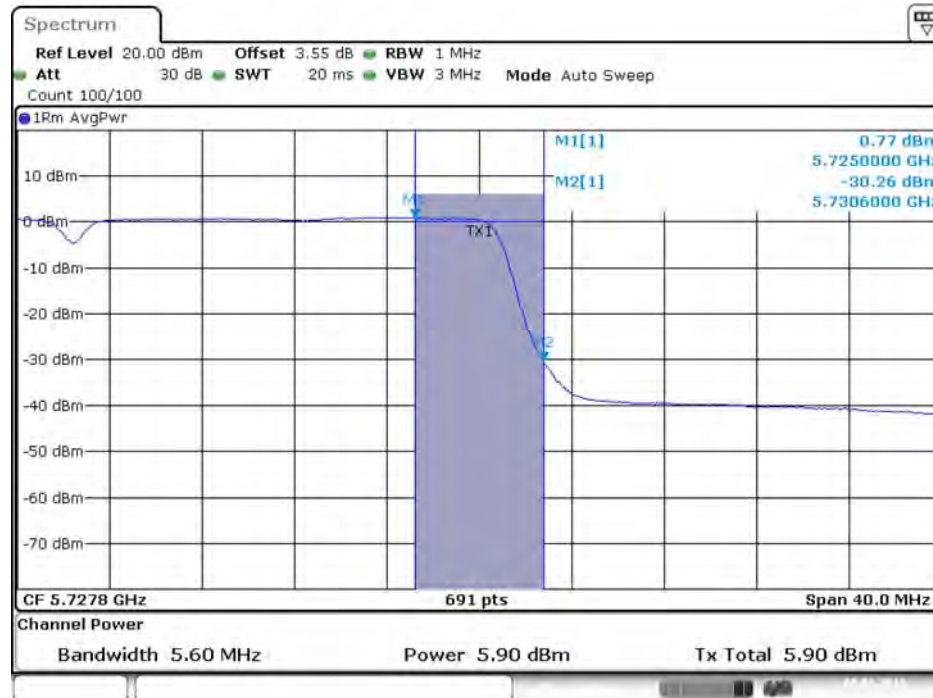
Date: 8 JAN 2016 14:33:55

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



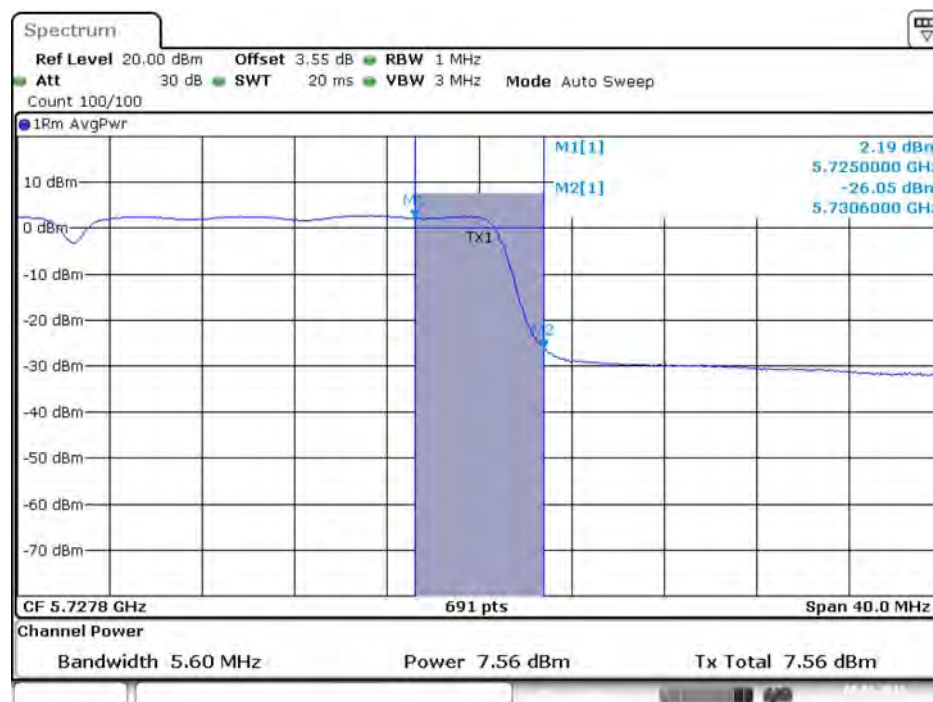
Date: 8 JAN 2016 14:34:02

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



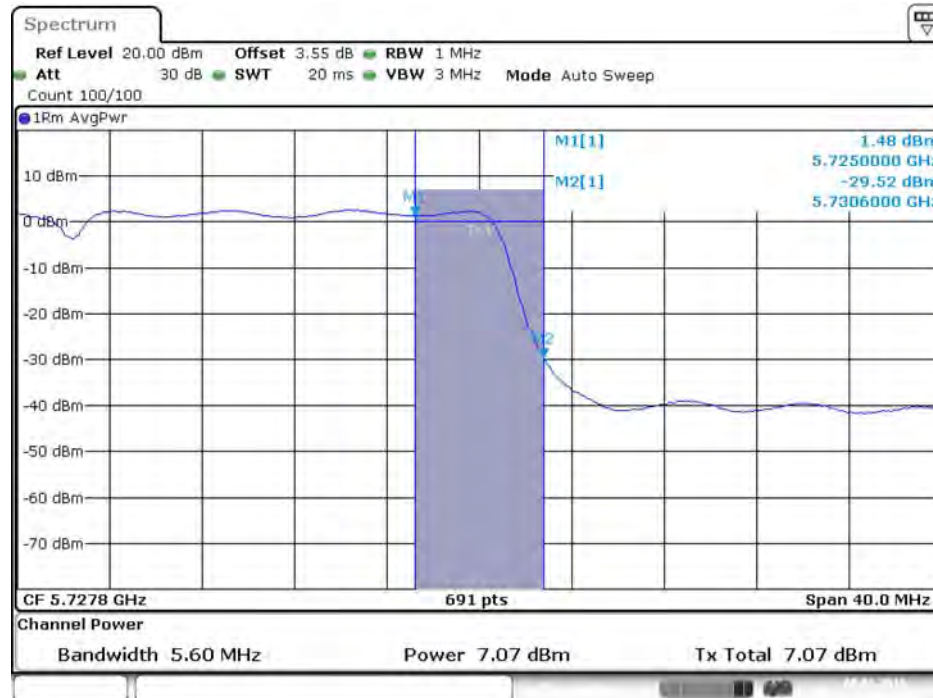
Date: 8 JAN 2016 14:33:44

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



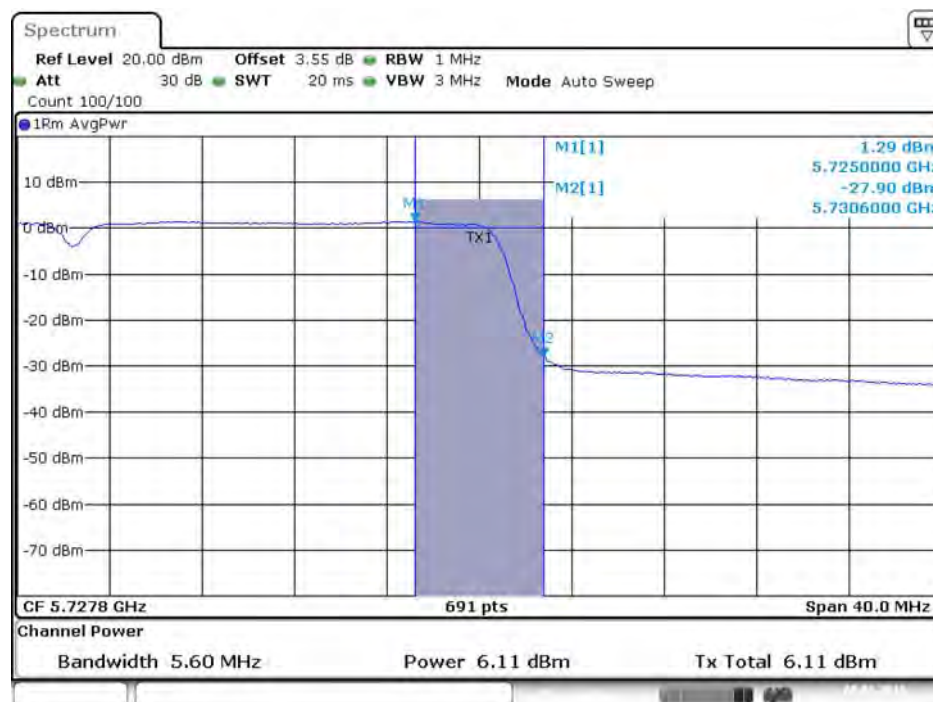
Date: 8 JAN 2016 14:33:51

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



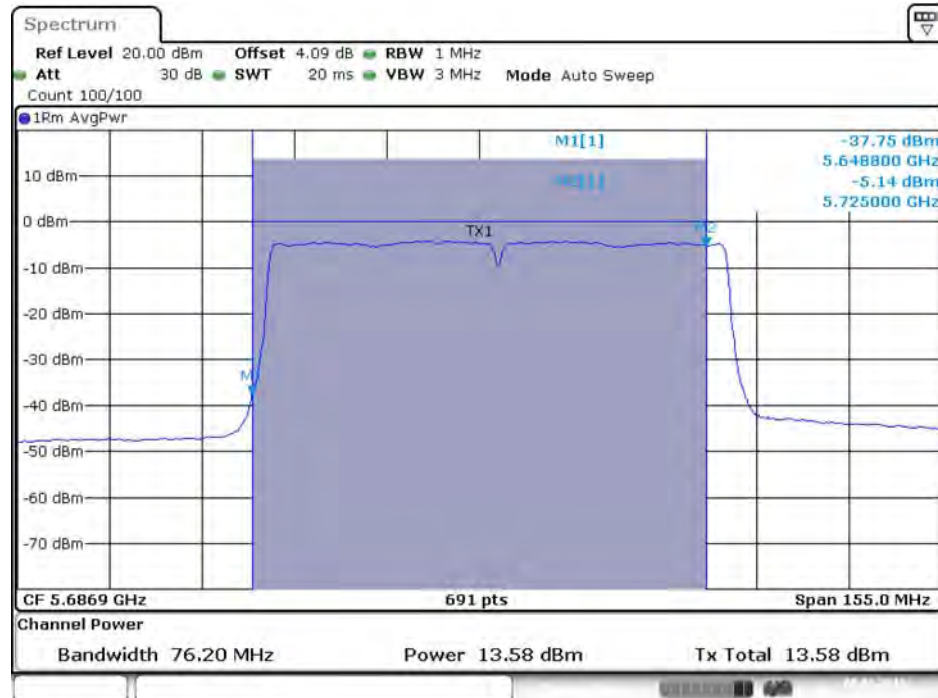
Date: 8 JAN 2016 14:33:58

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



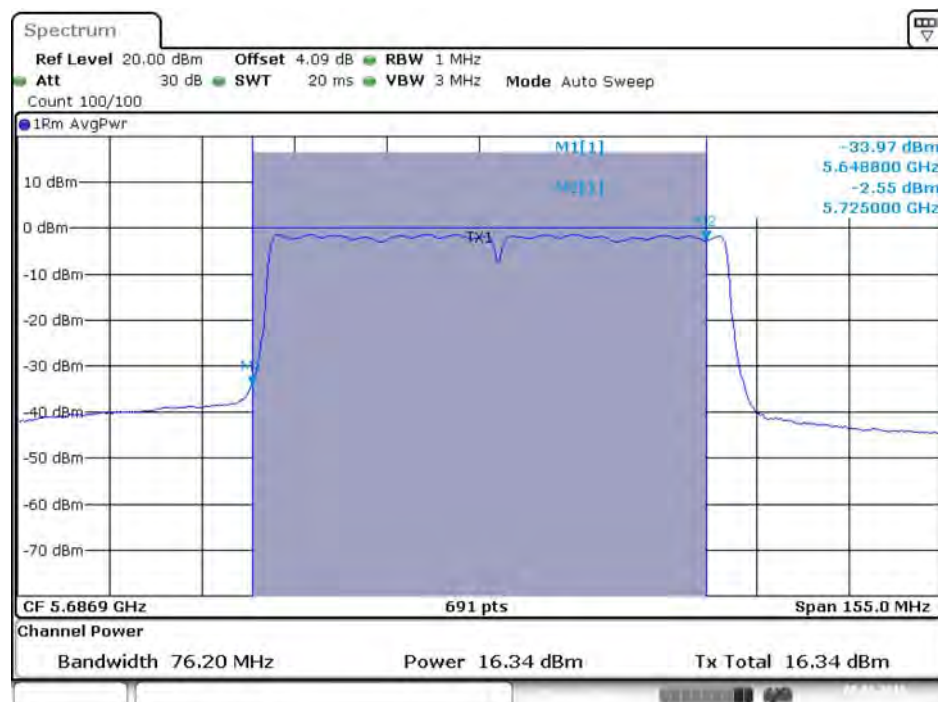
Date: 8 JAN 2016 14:34:06

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



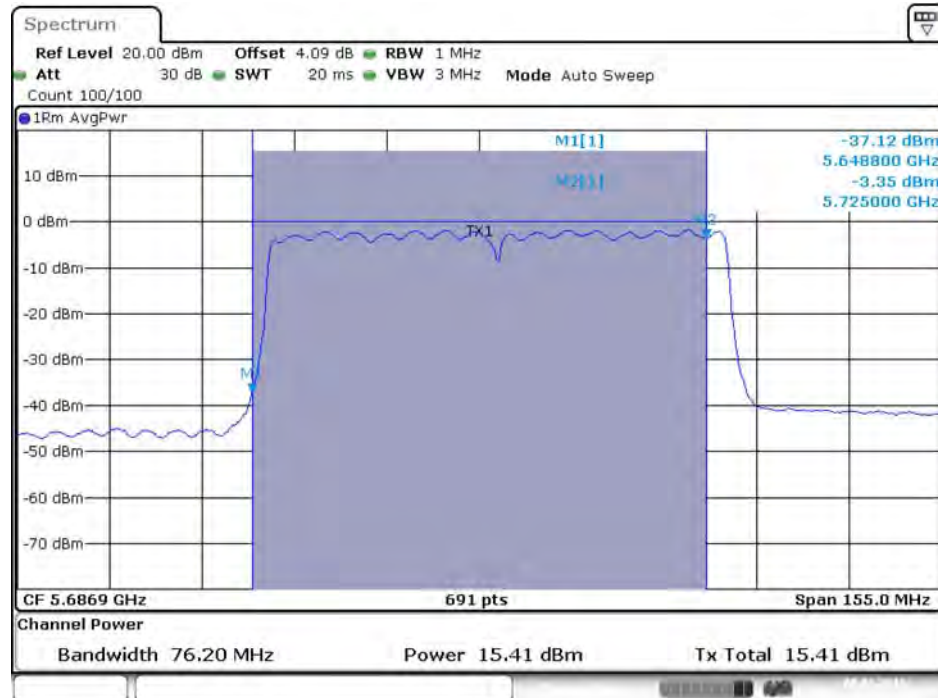
Date: 8, JAN, 2016 15:24:32

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



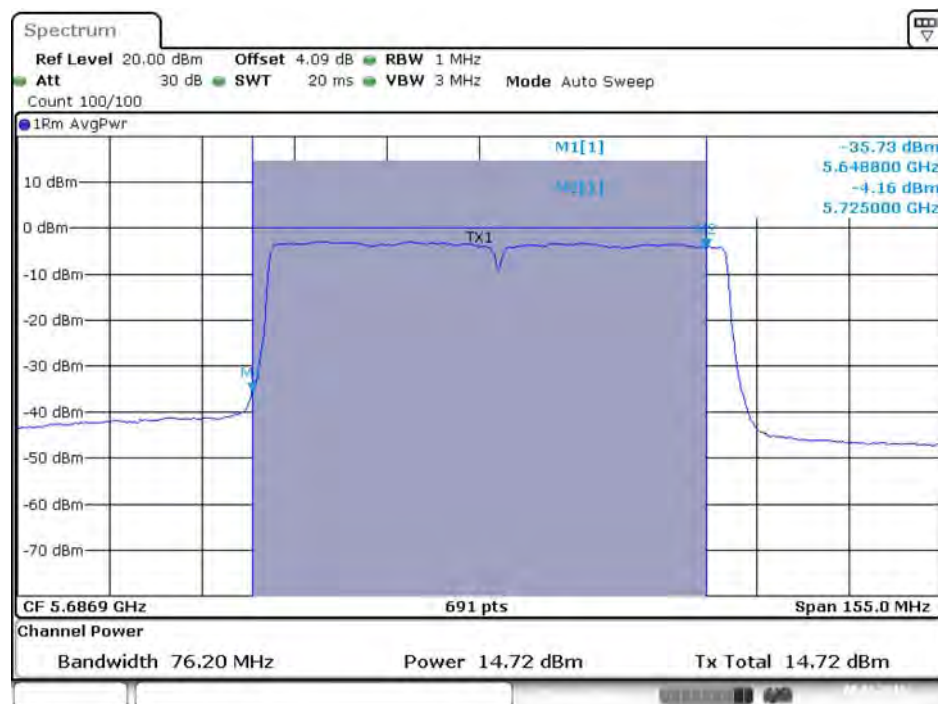
Date: 8, JAN, 2016 15:24:39

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



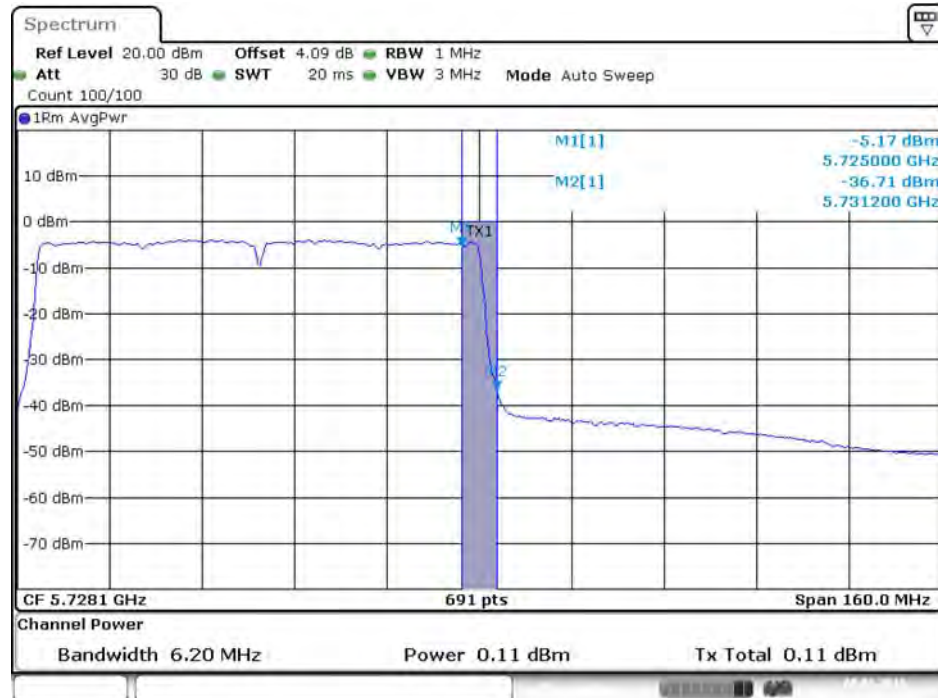
Date: 8 JAN 2016 15:24:46

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



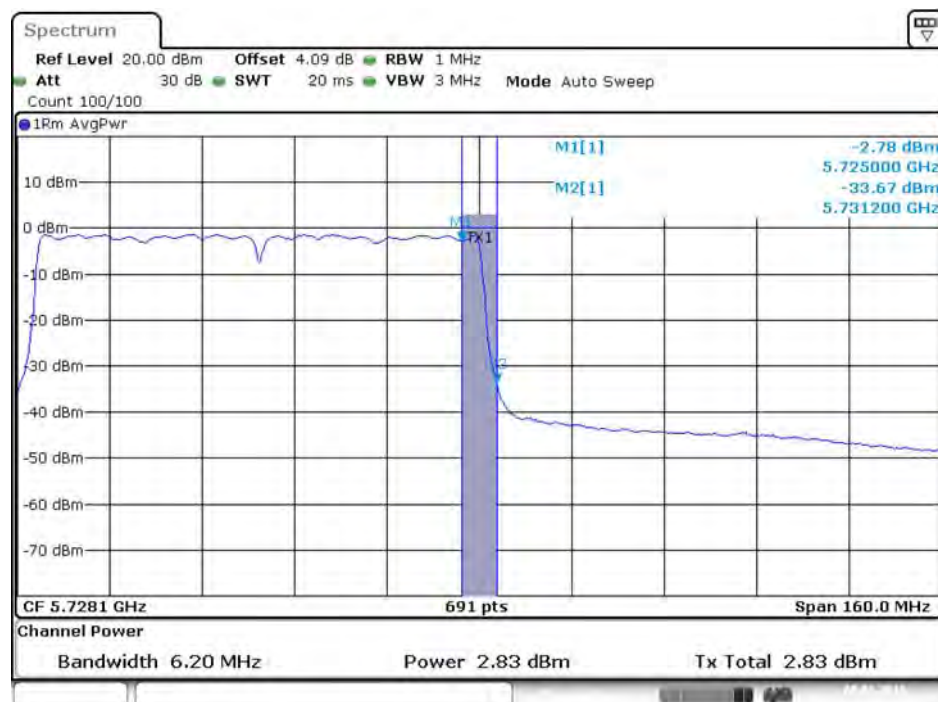
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Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



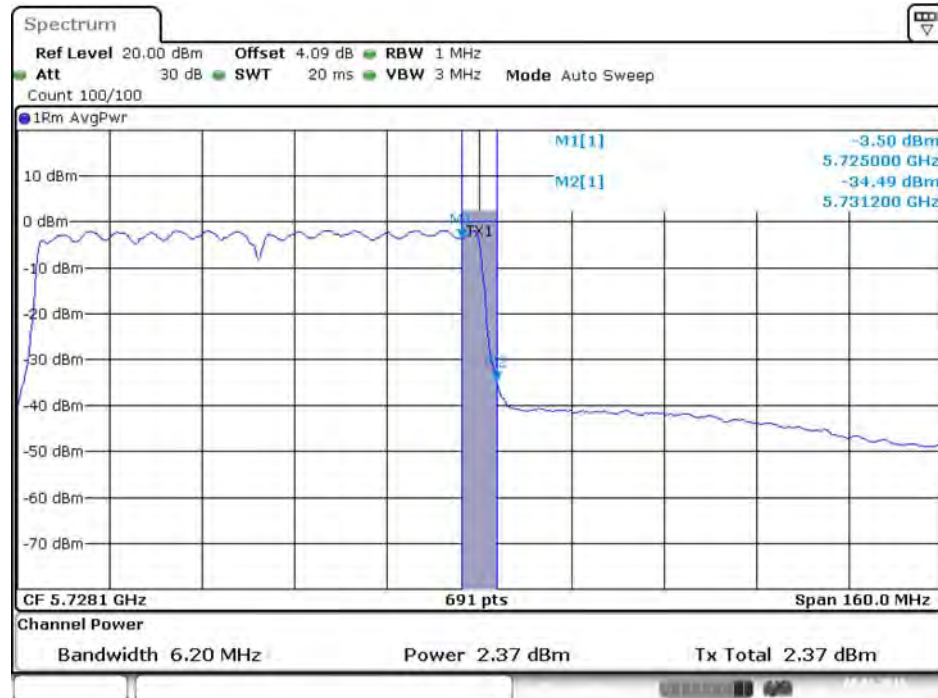
Date: 8.JAN.2016 15:24:35

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



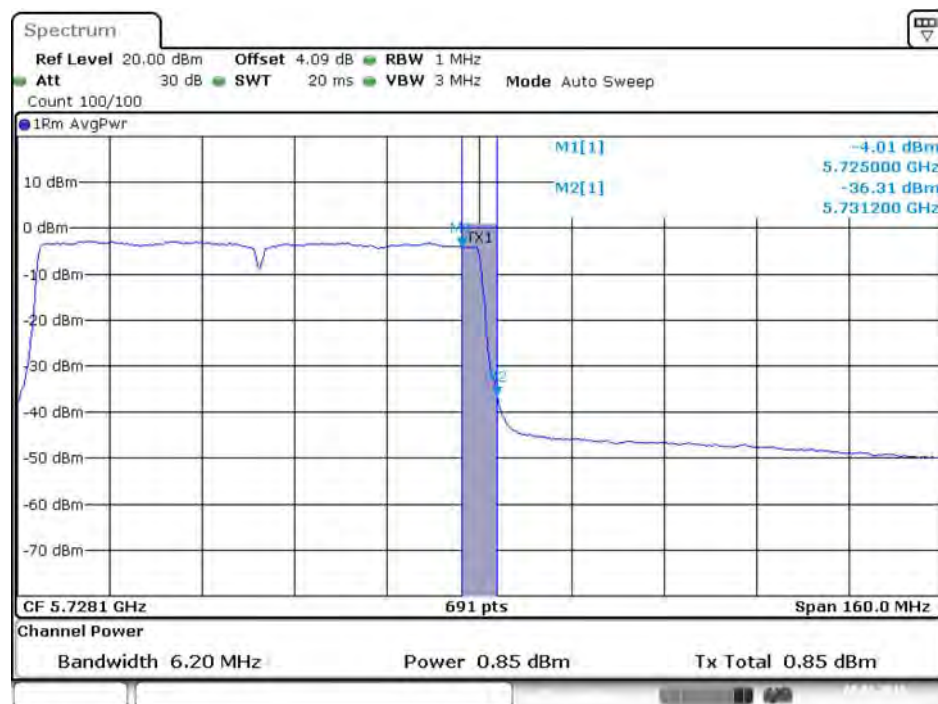
Date: 8.JAN.2016 15:24:42

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



Date: 8.JAN.2016 15:24:49

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

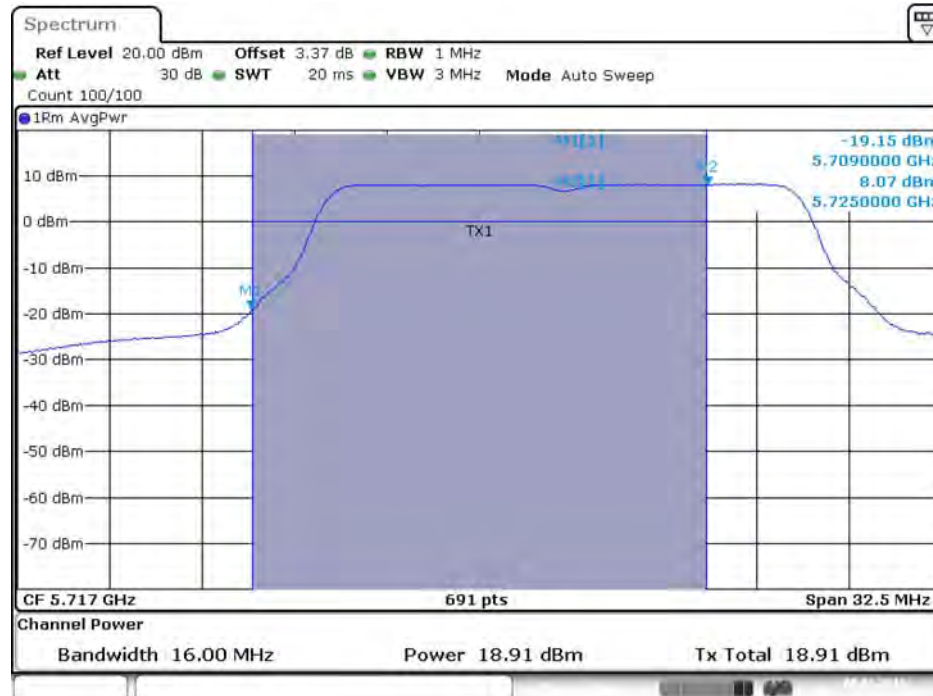


Date: 8.JAN.2016 15:24:56

Straddle Channel

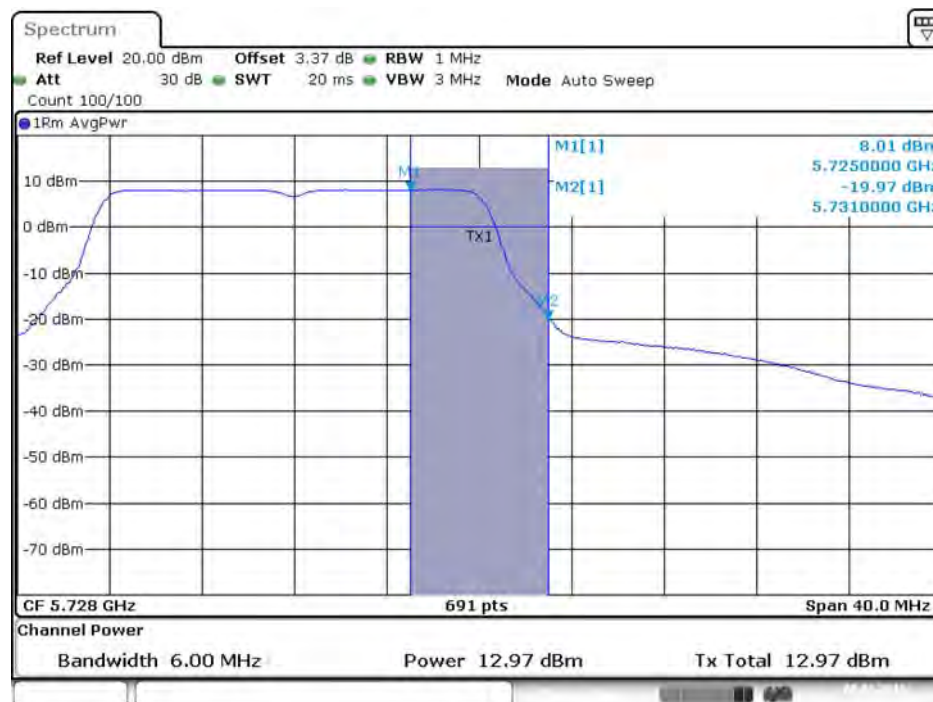
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1 / 1TX)

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



Date: 8.JAN.2016 11:12:36

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



Date: 8.JAN.2016 11:12:39



Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

CF 5.71698 GHz 691 pts Span 32.6 MHz

Channel Power

Bandwidth 16.04 MHz Power 18.13 dBm Tx Total 18.13 dBm

Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

M1[1] 7.05 dBm
M2[1] -18.96 dBm
TX1
5.7250000 GHz
5.7309200 GHz

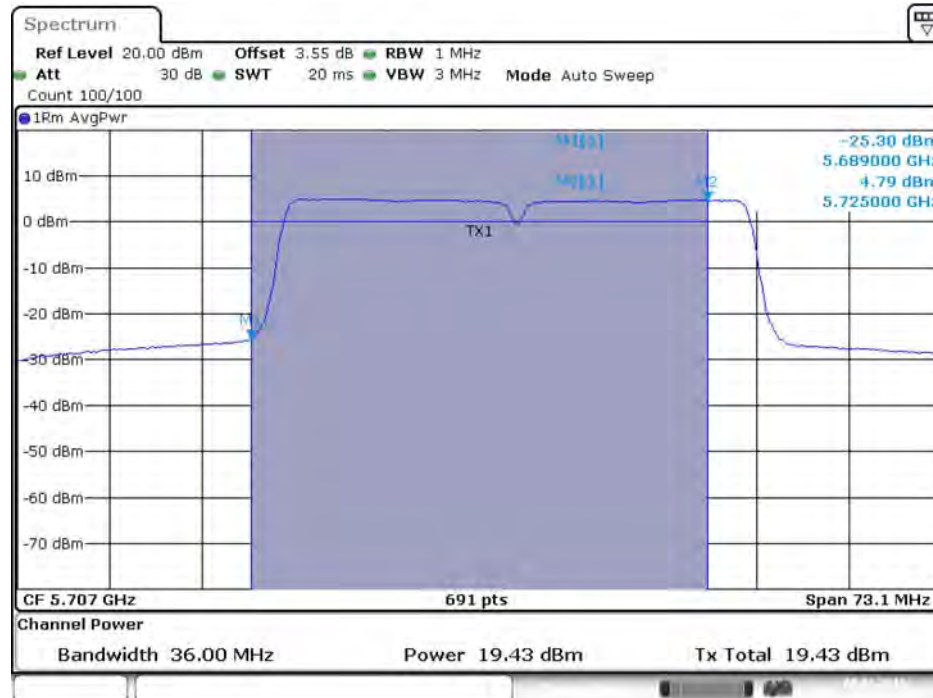
CF 5.72796 GHz 691 pts Span 40.0 MHz

Channel Power

Bandwidth 5.92 MHz Power 12.82 dBm Tx Total 12.82 dBm

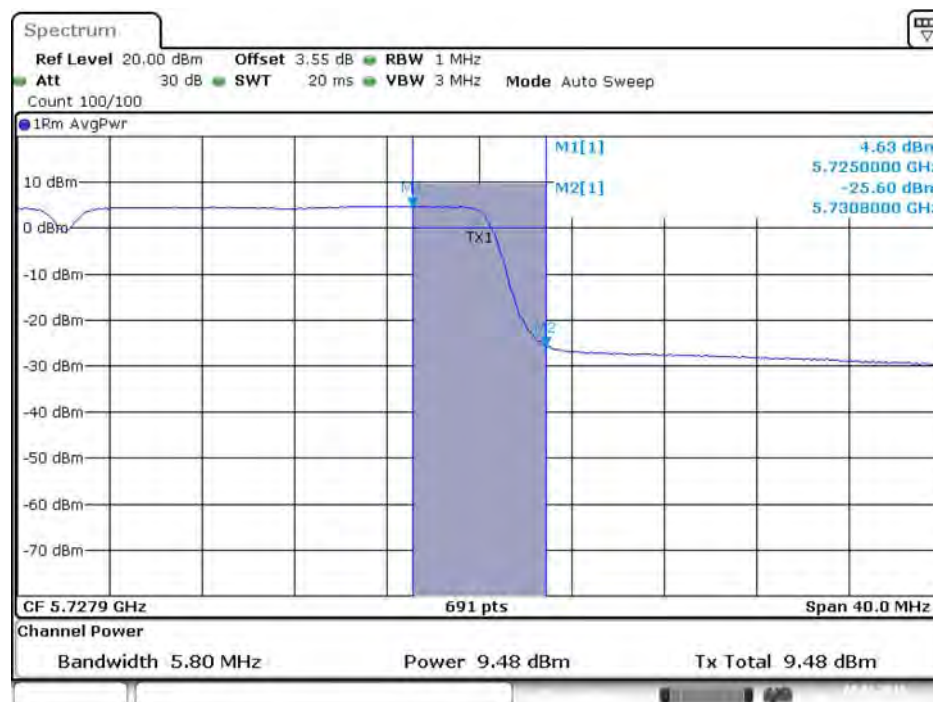
Date: 8 JAN 2016 11:20:08

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



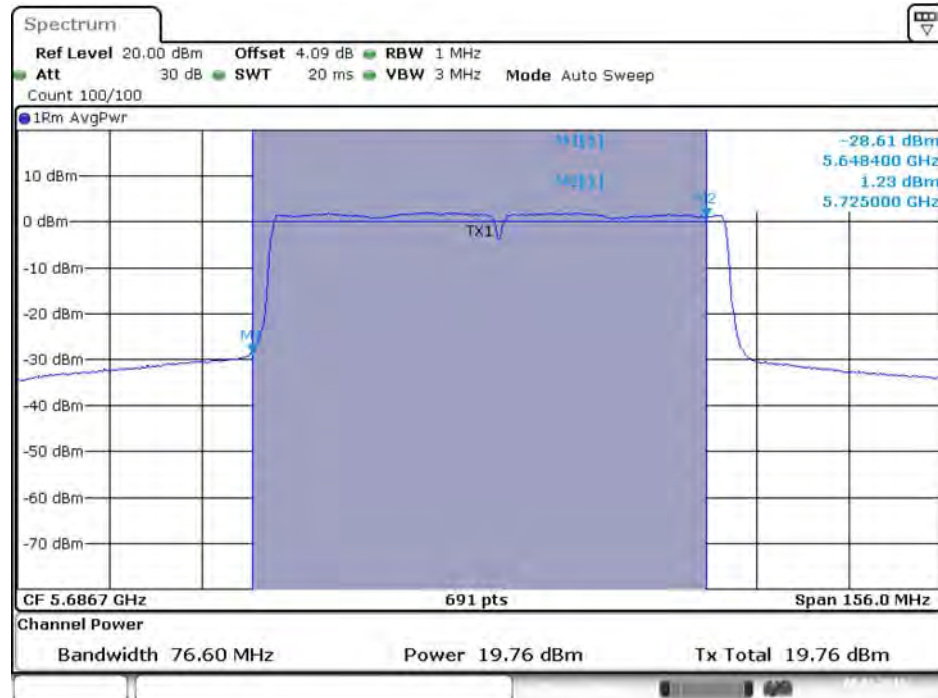
Date: 8.JAN.2016 11:24:01

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



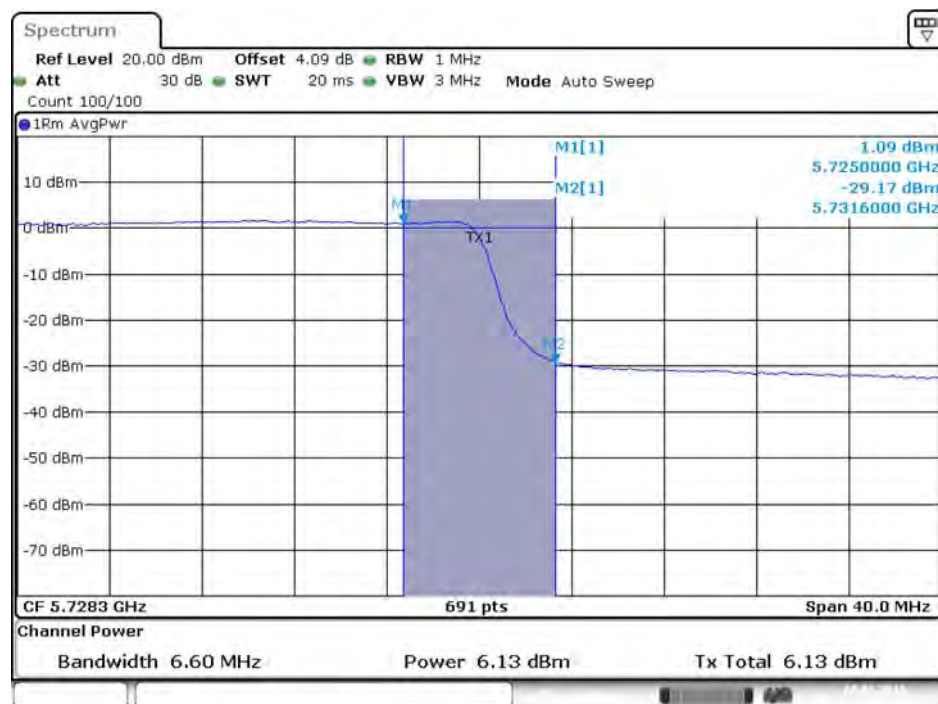
Date: 8.JAN.2016 11:24:04

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



Date: 8 JAN 2016 11:27:03

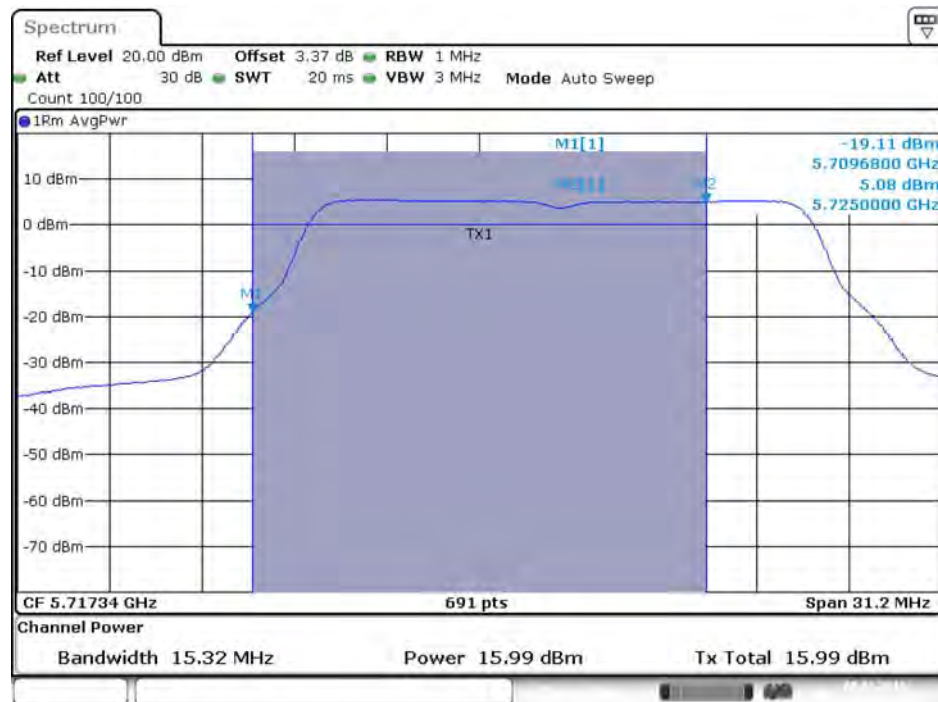
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



Date: 8 JAN 2016 11:27:06

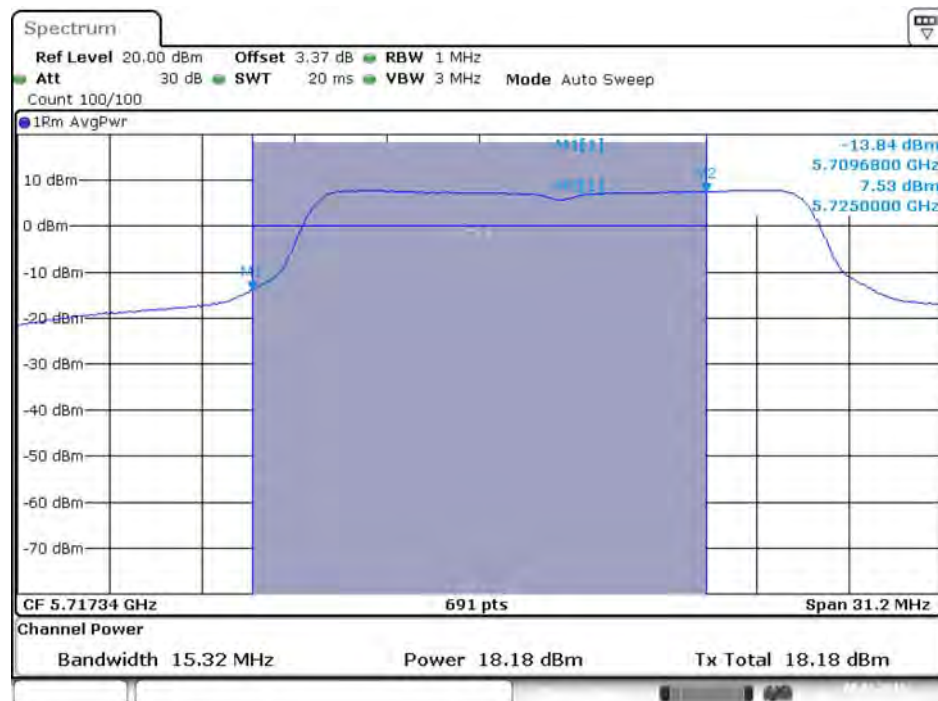
Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*1, (2B)1.66dBi*1 / 2TX)

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



Date: 8.JAN.2016 11:49:35

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



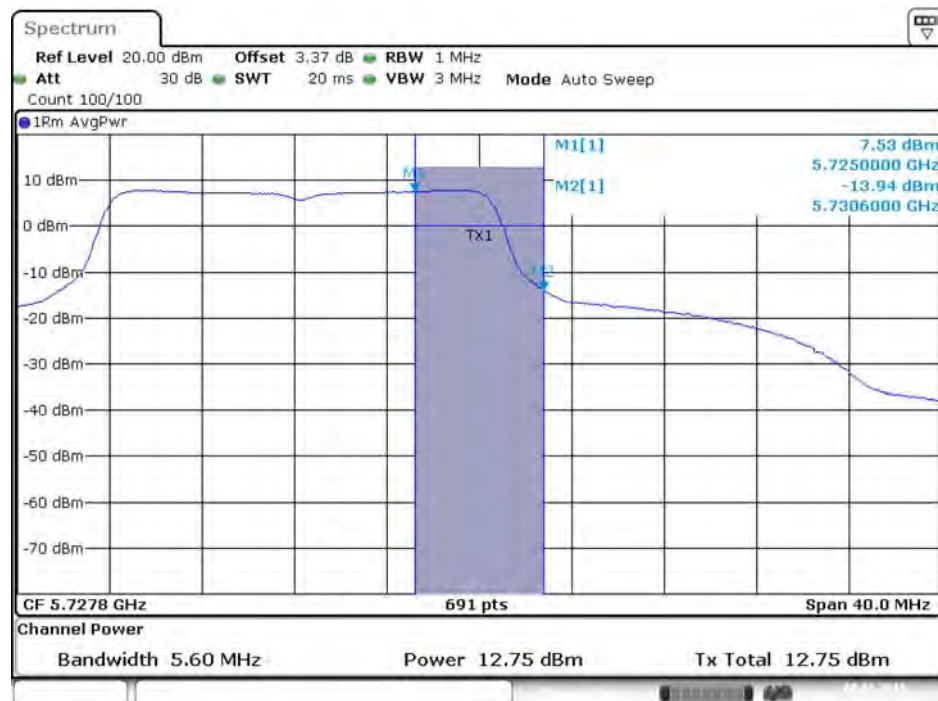
Date: 8.JAN.2016 11:49:43

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



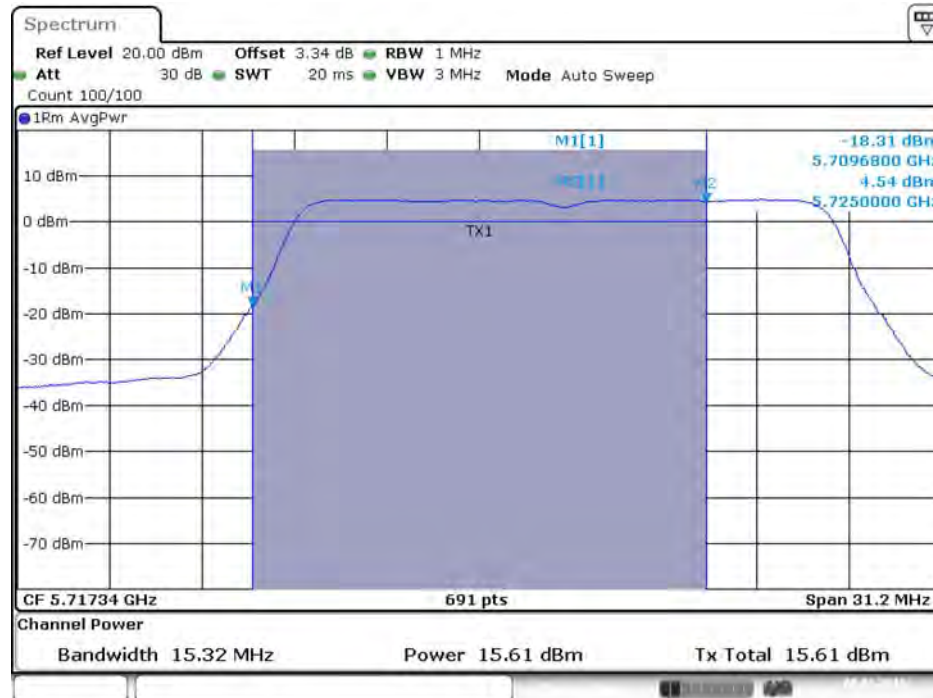
Date: 8.JAN.2016 11:49:39

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



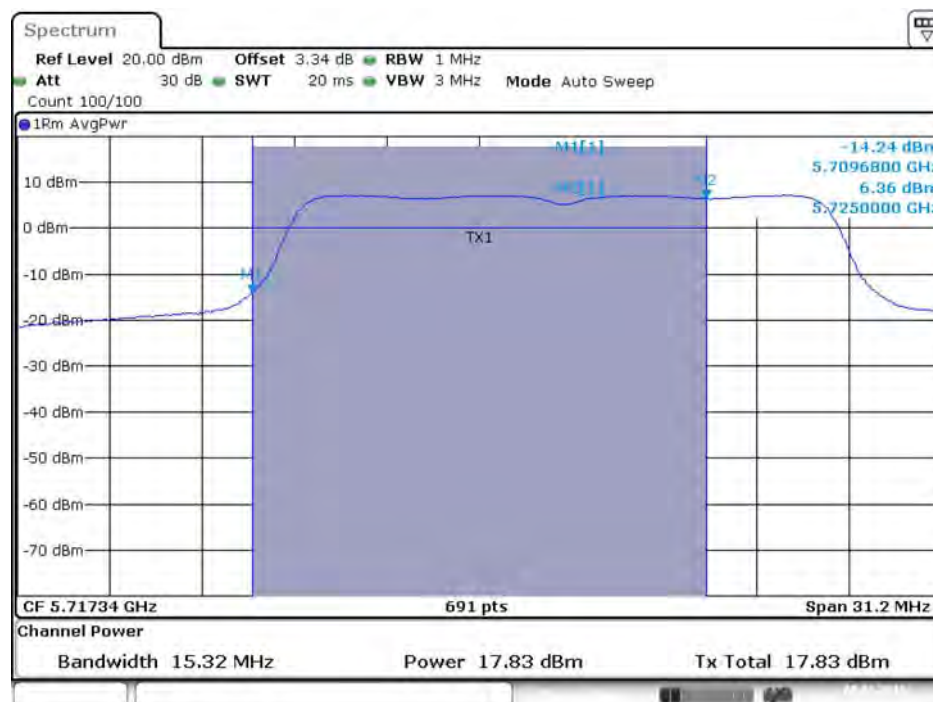
Date: 8.JAN.2016 11:49:46

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



Date: 8 JAN 2016 11:54:21

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



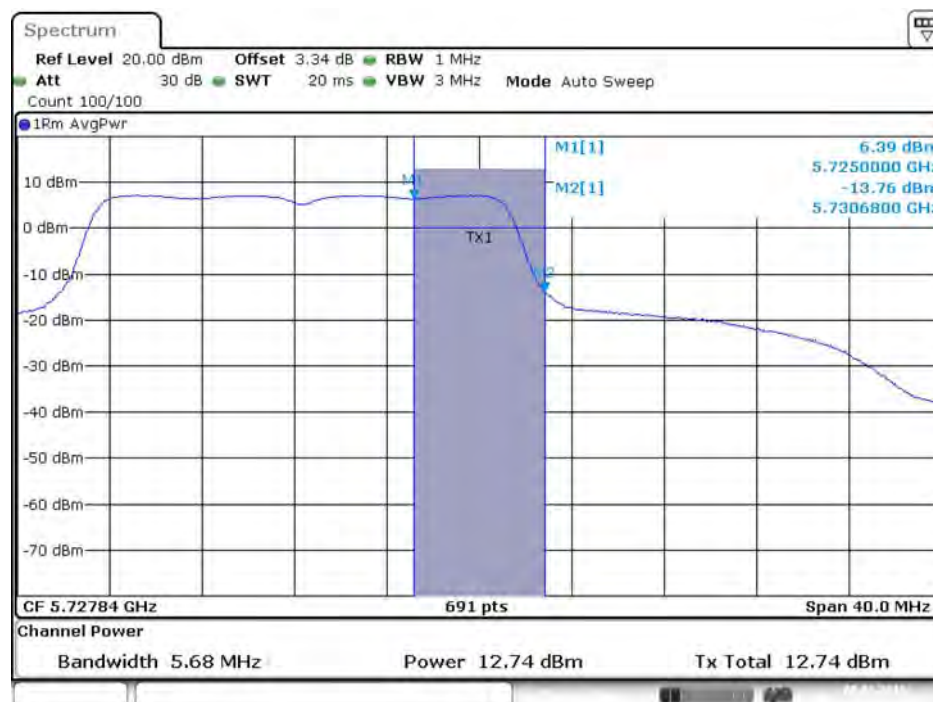
Date: 8 JAN 2016 11:54:28

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



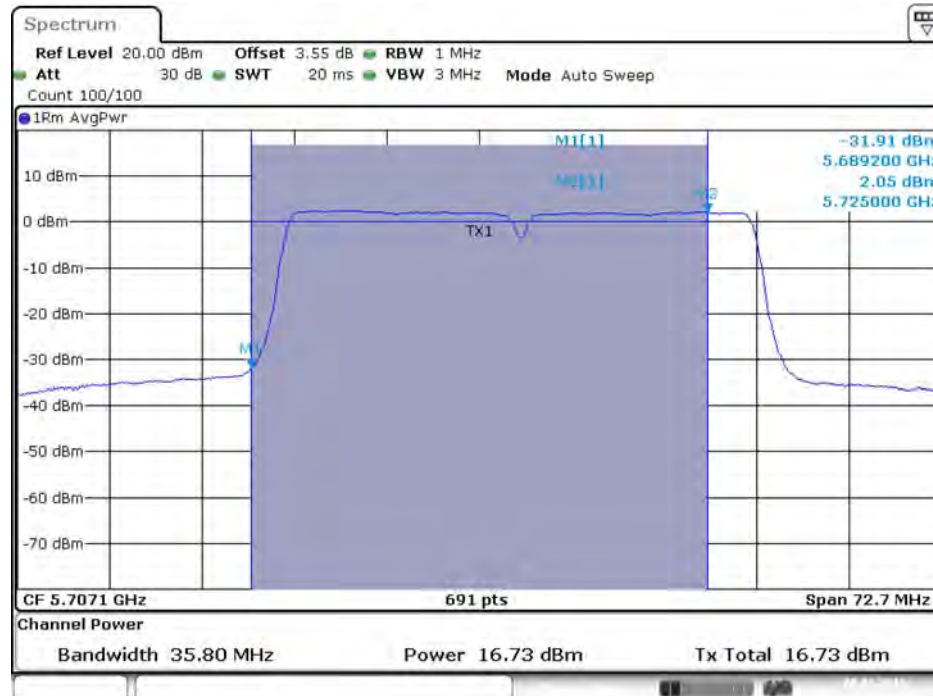
Date: 8.JAN.2016 11:54:25

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



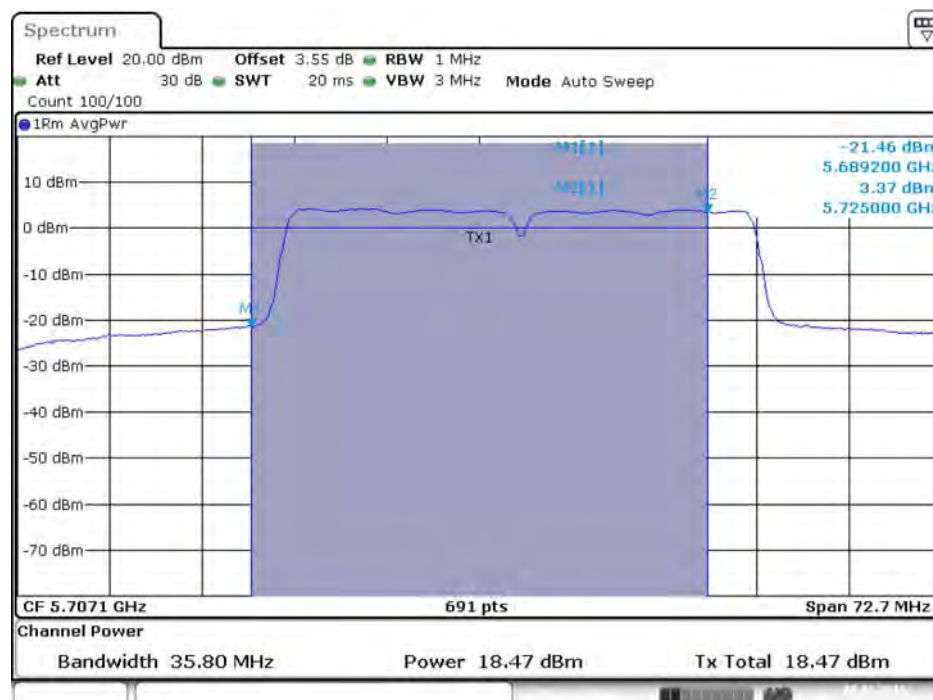
Date: 8.JAN.2016 11:54:32

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



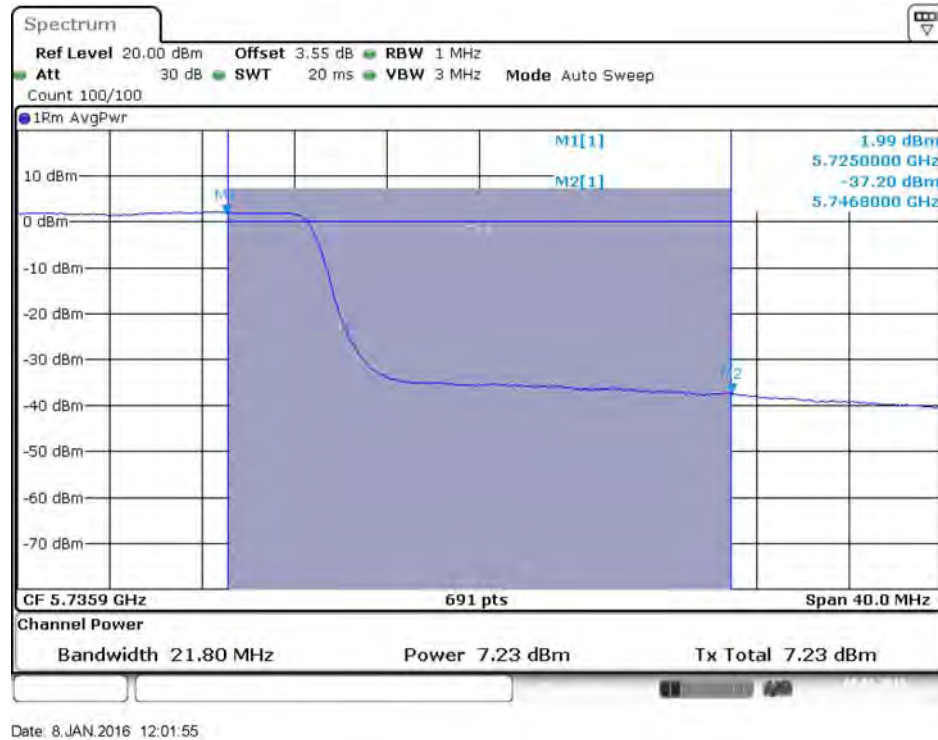
Date: 8.JAN.2016 12:01:52

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

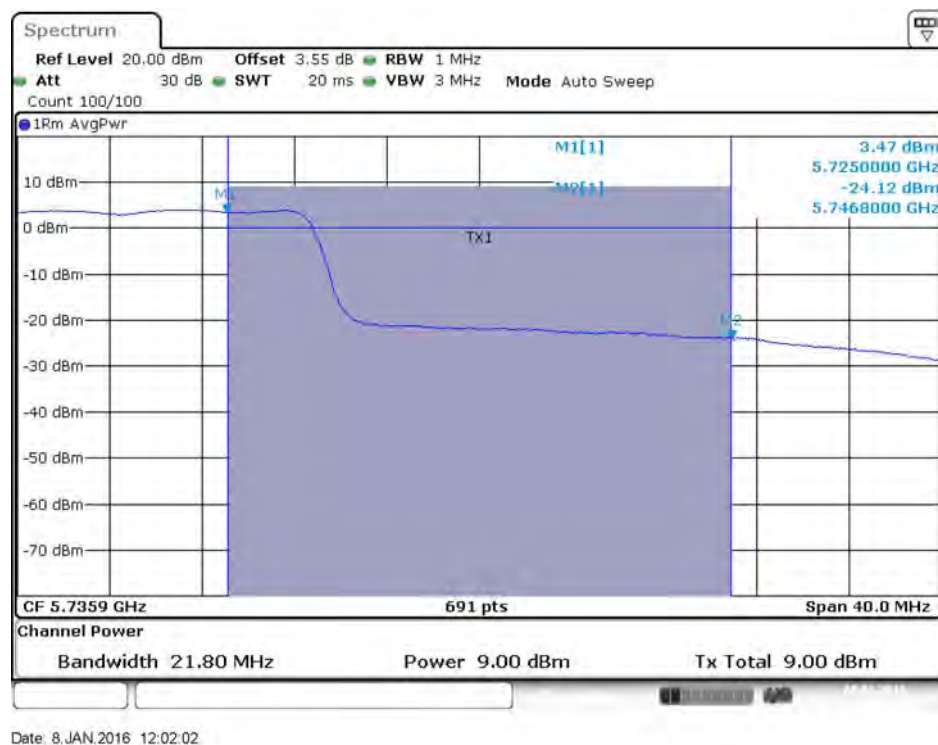


Date: 8.JAN.2016 12:01:59

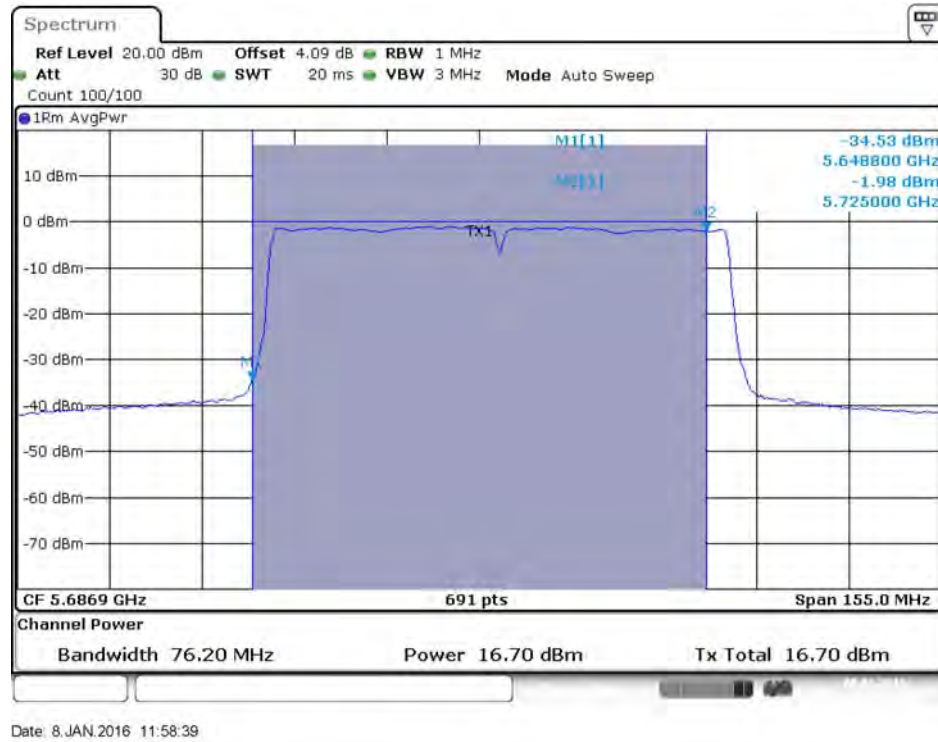
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



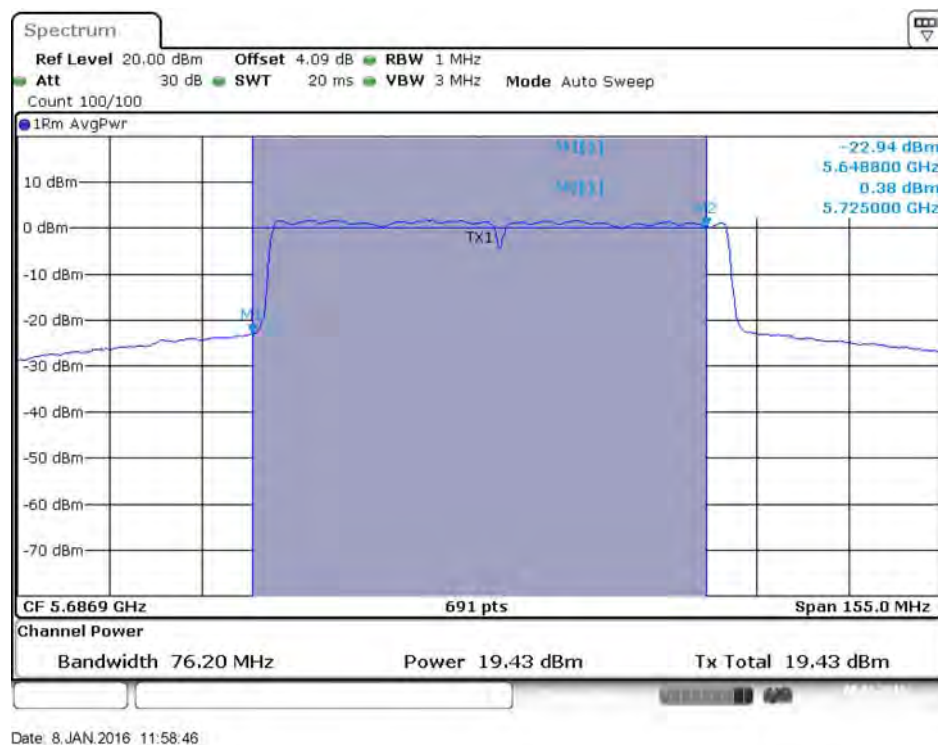
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



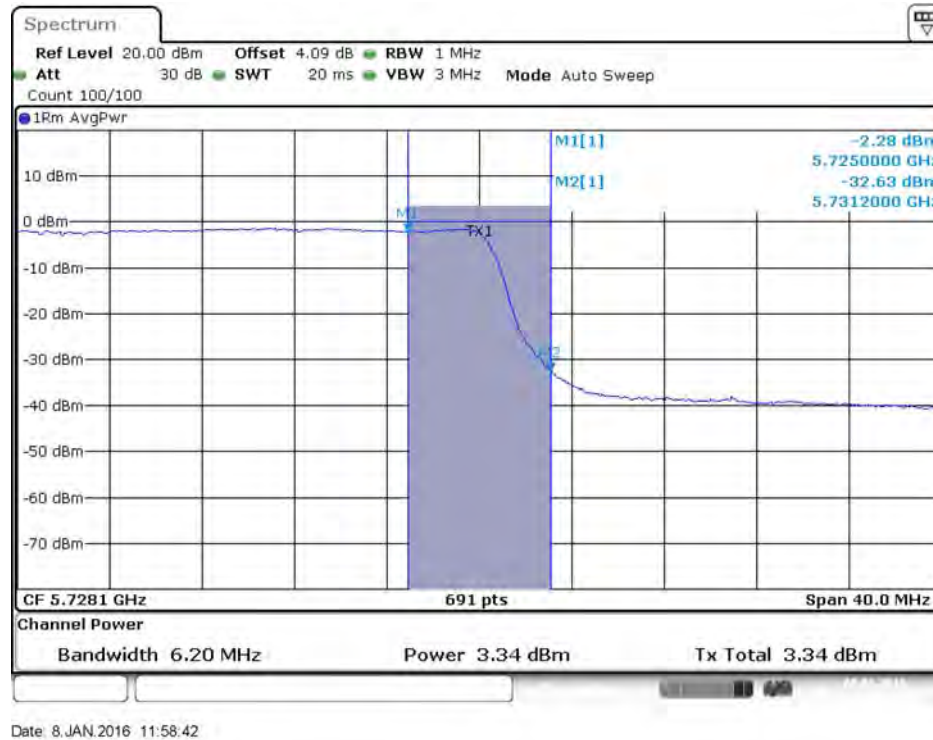
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



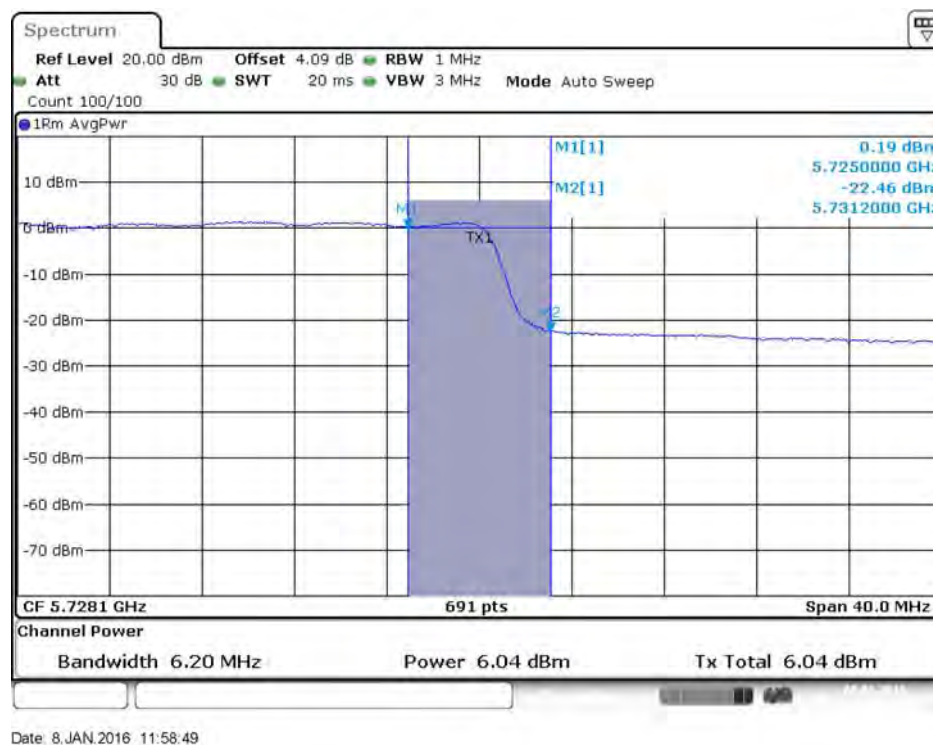
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



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

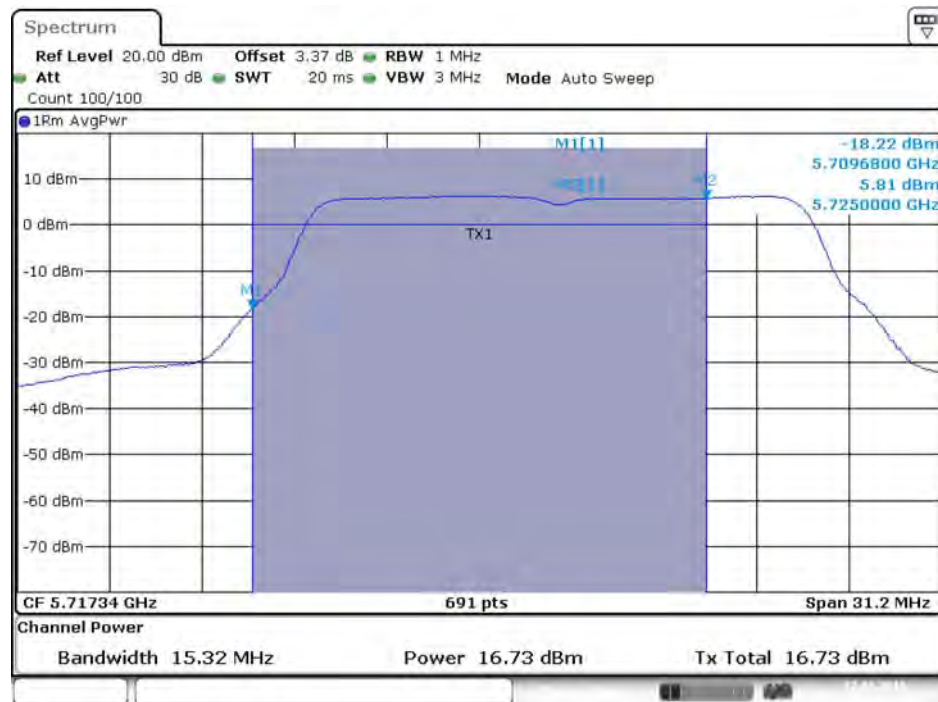


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

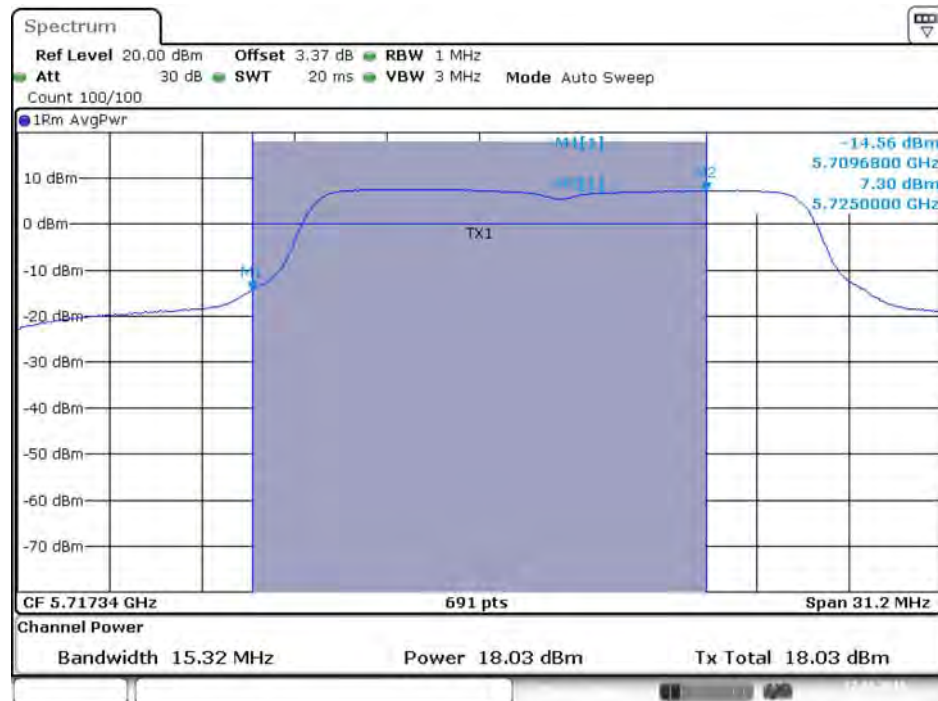


Mode 2 (Set 5 Polarized Dipole antenna / (2A)3.96dBi*2, (2B)1.66dBi*1 / 3TX)

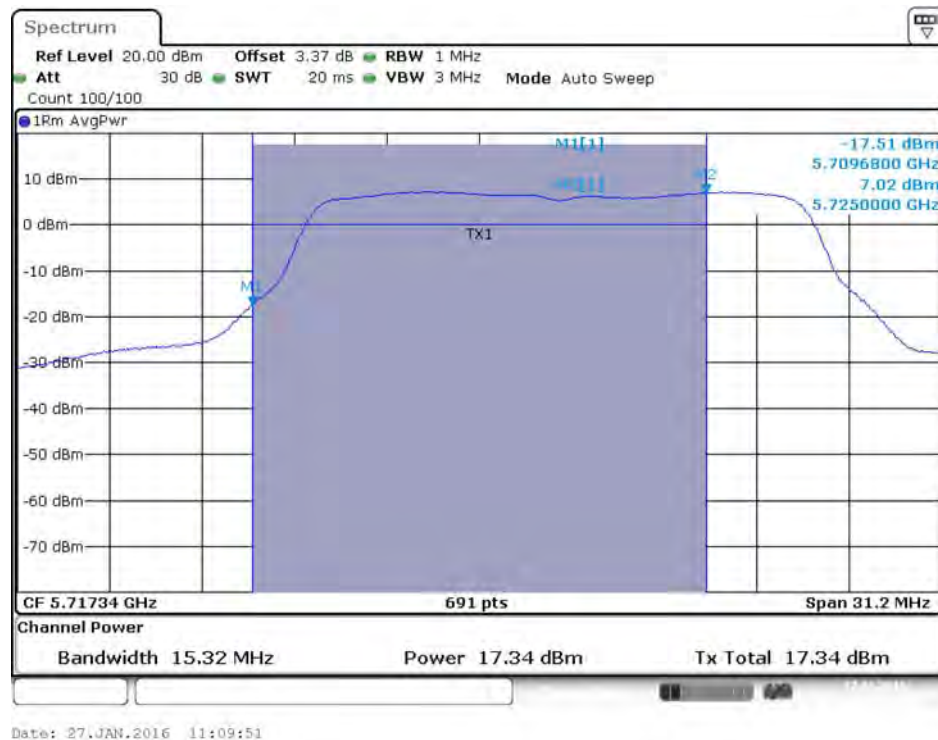
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



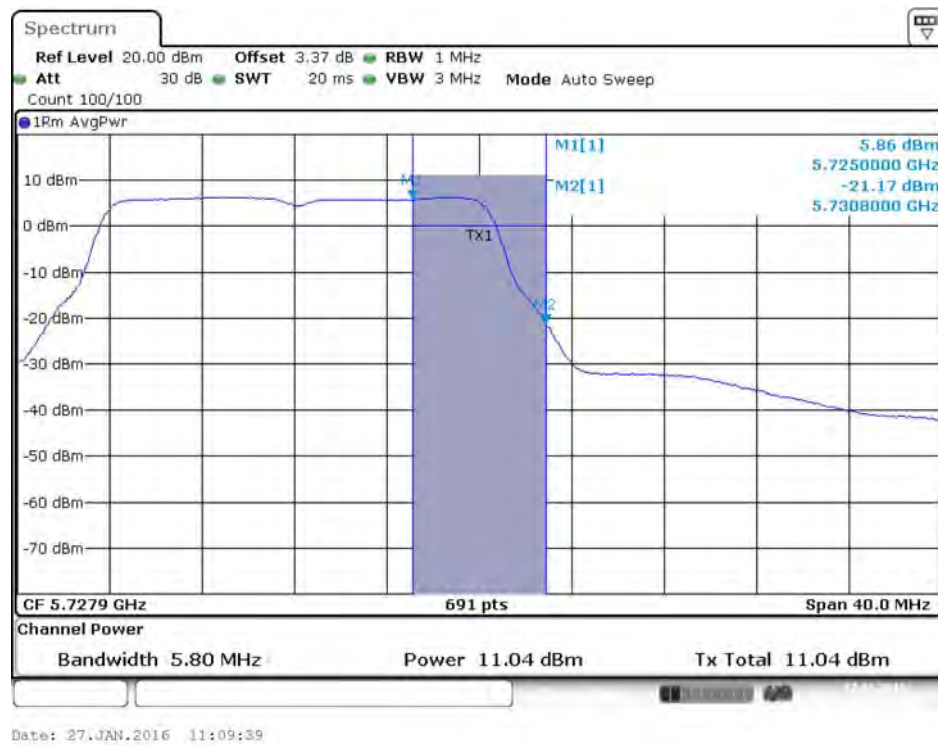
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 2 / 5720 MHz (UNII 2C)



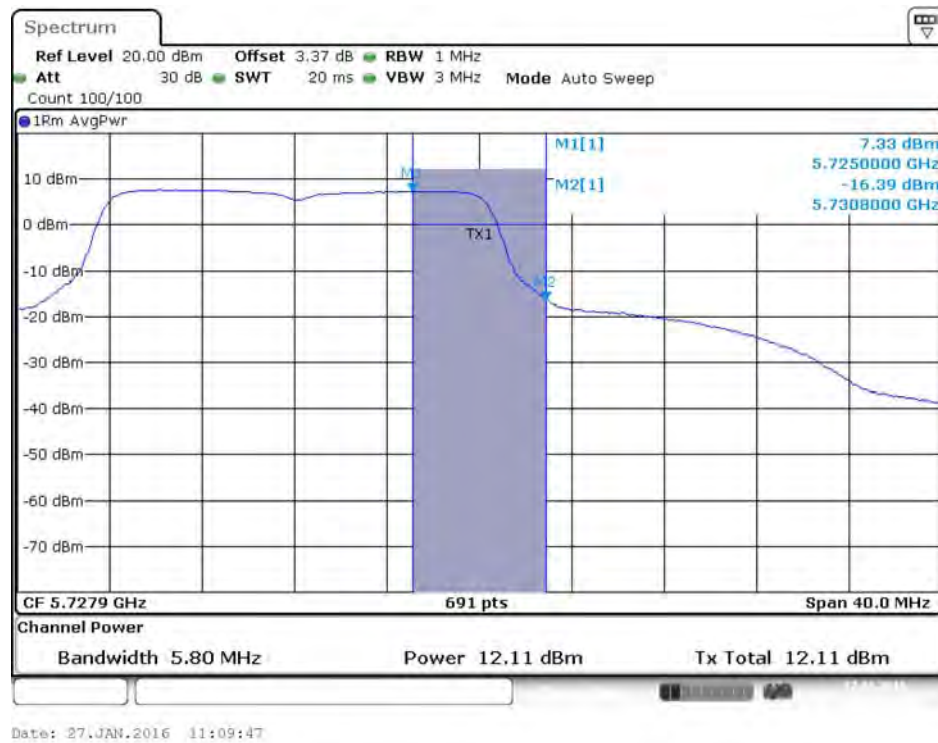
Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 2C)



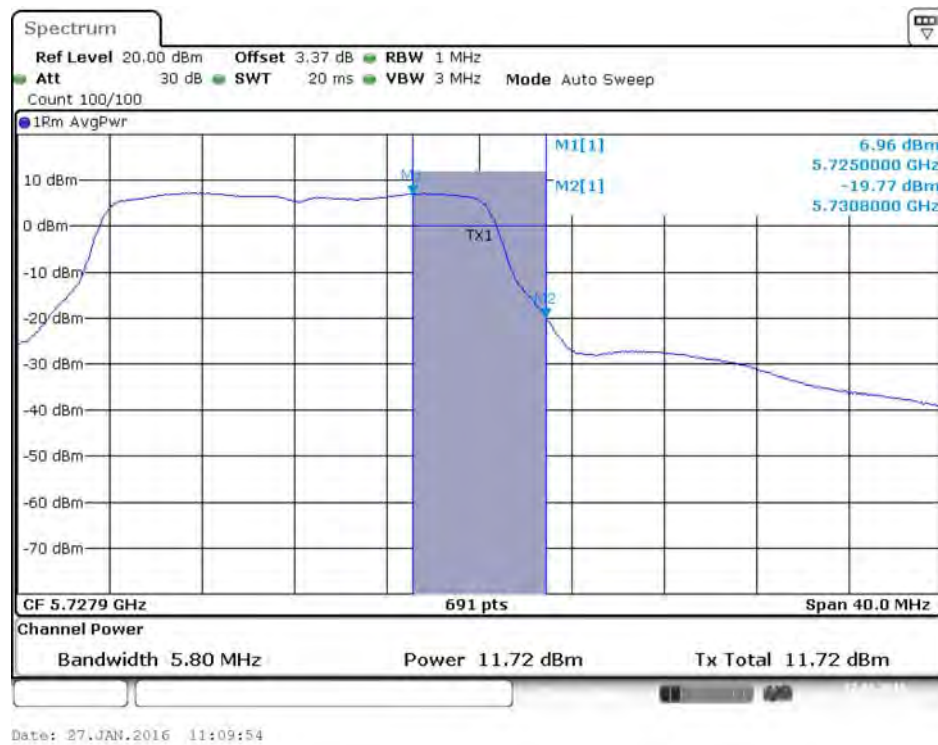
Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 1 / 5720 MHz (UNII 3)



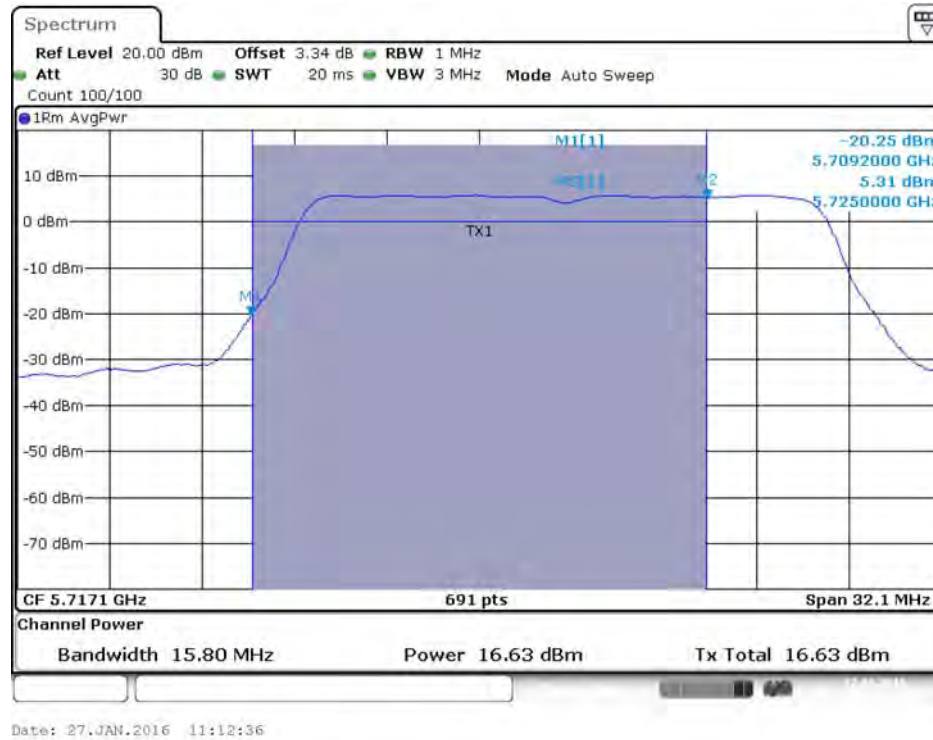
Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 2 / 5720 MHz (UNII 3)



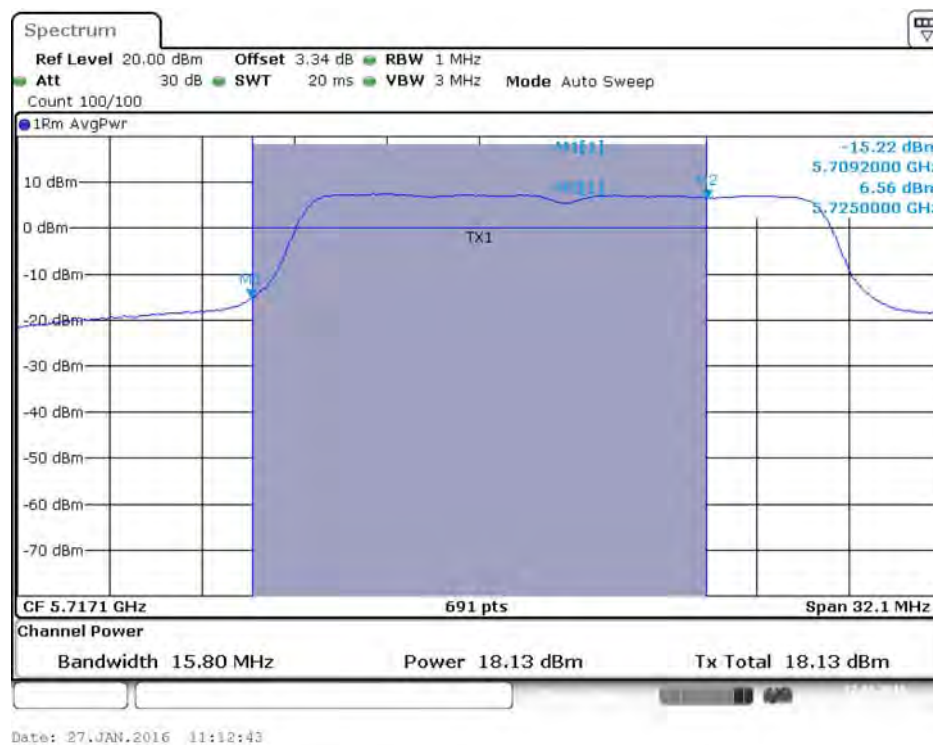
Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 3)



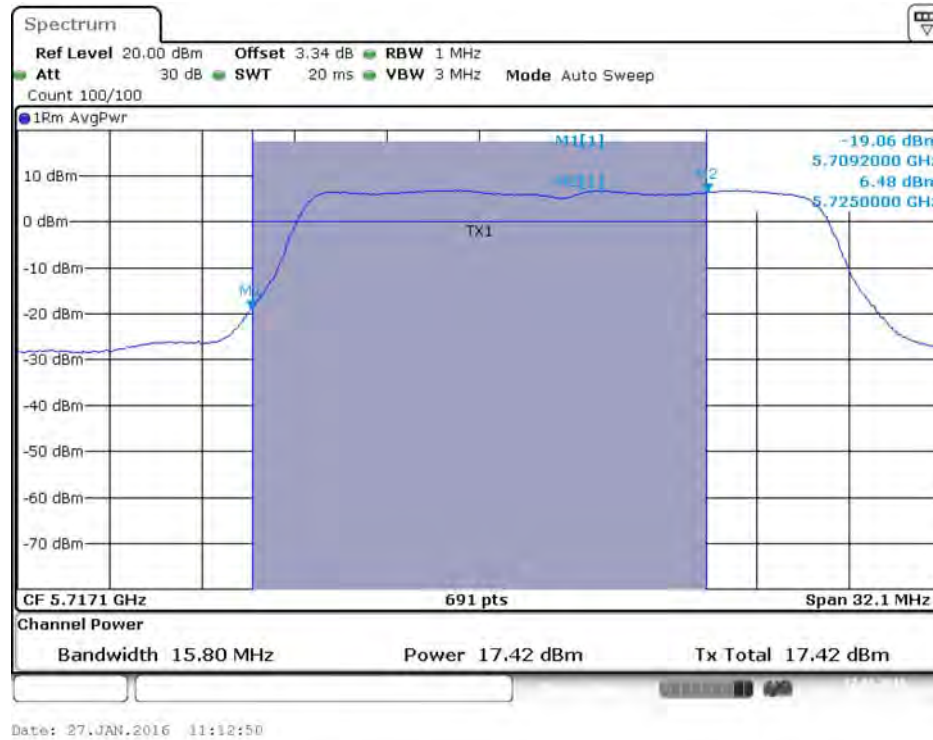
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



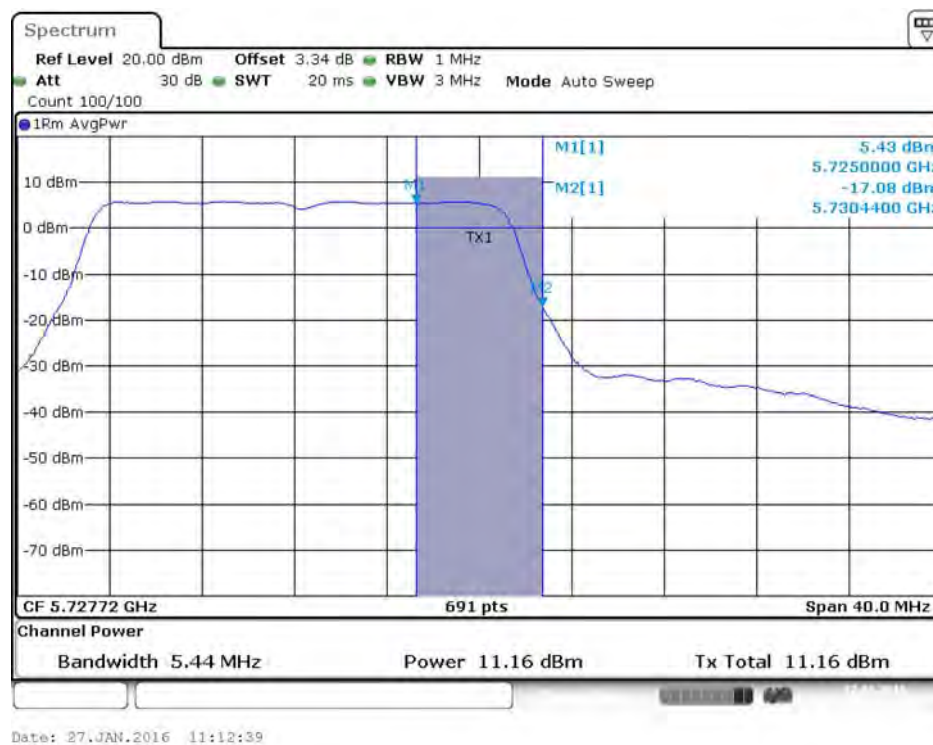
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



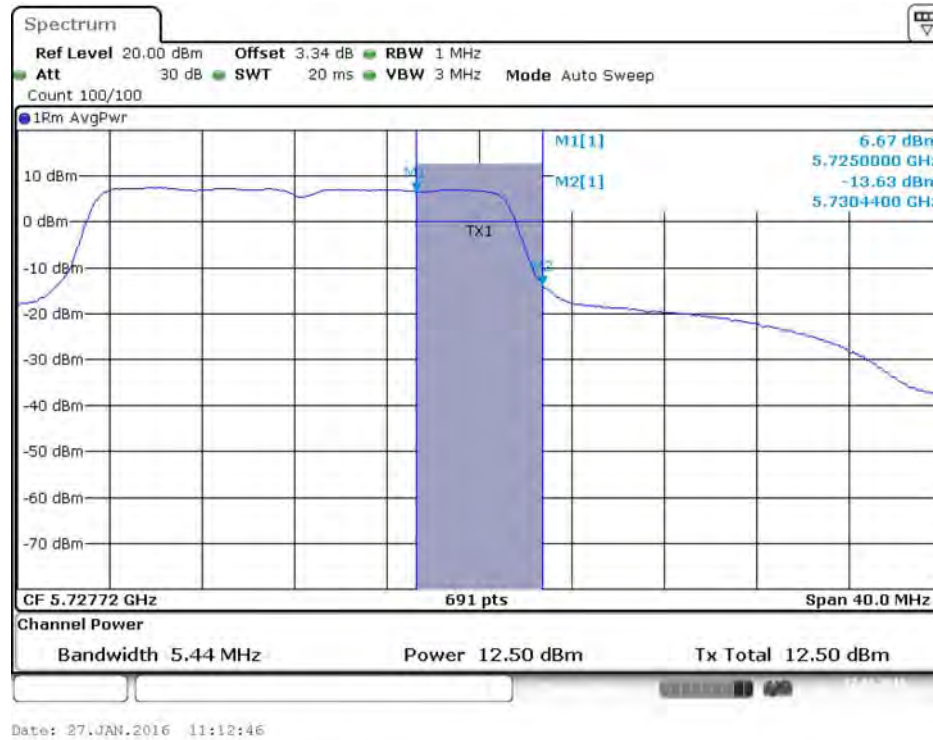
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



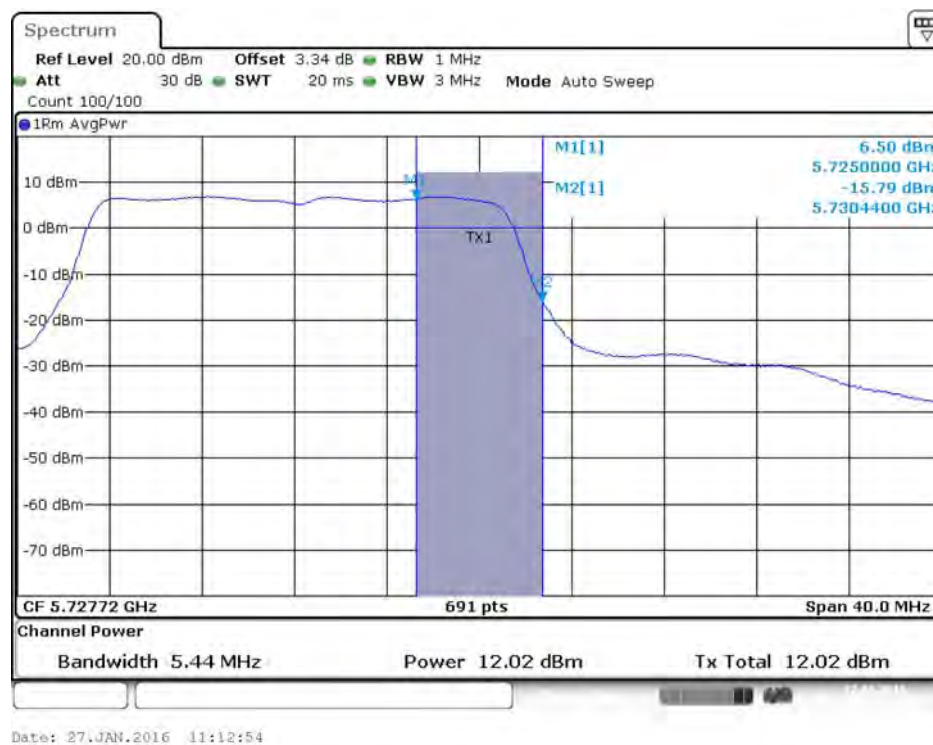
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



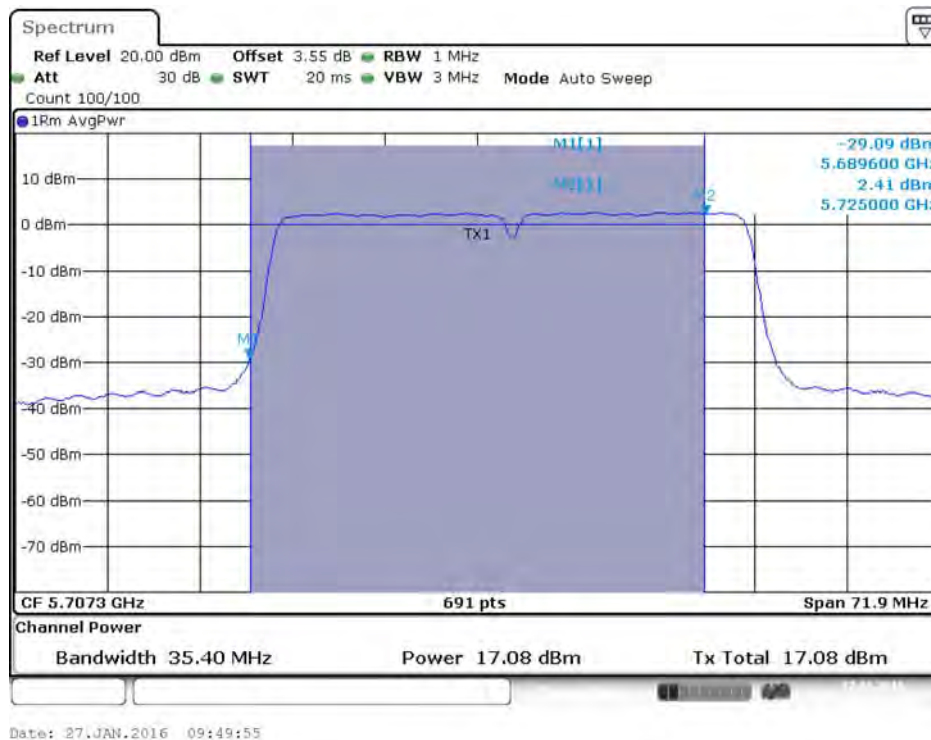
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



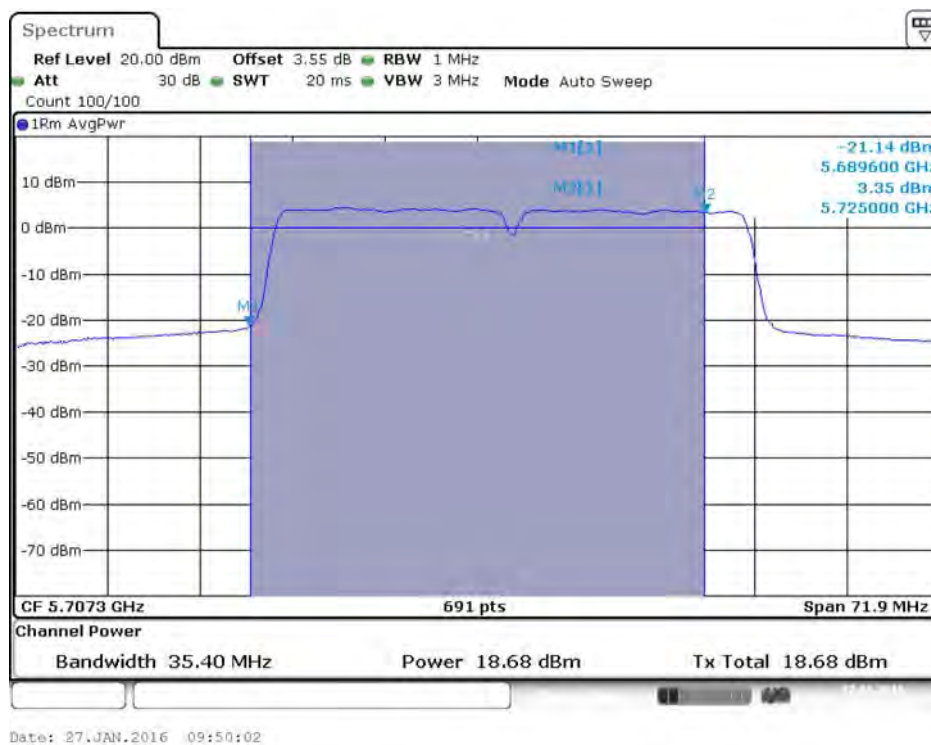
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



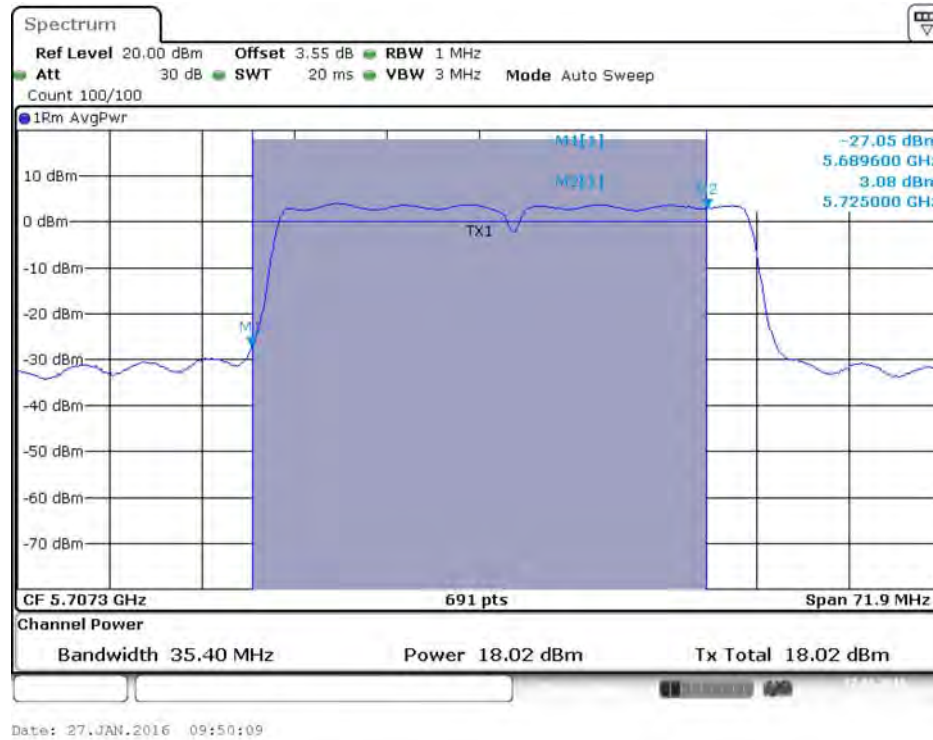
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



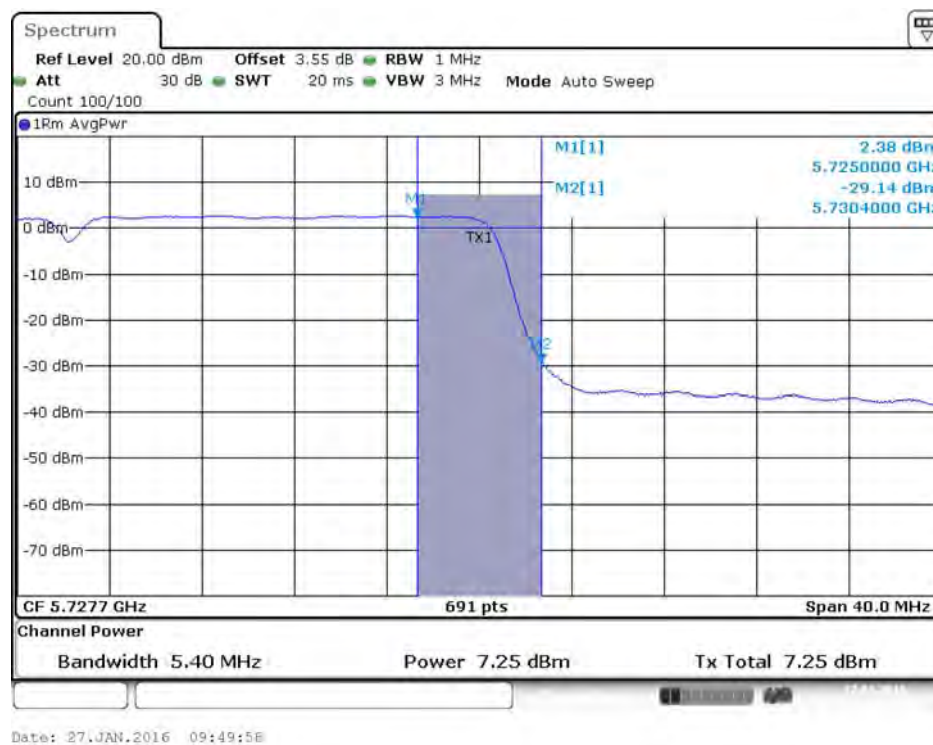
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



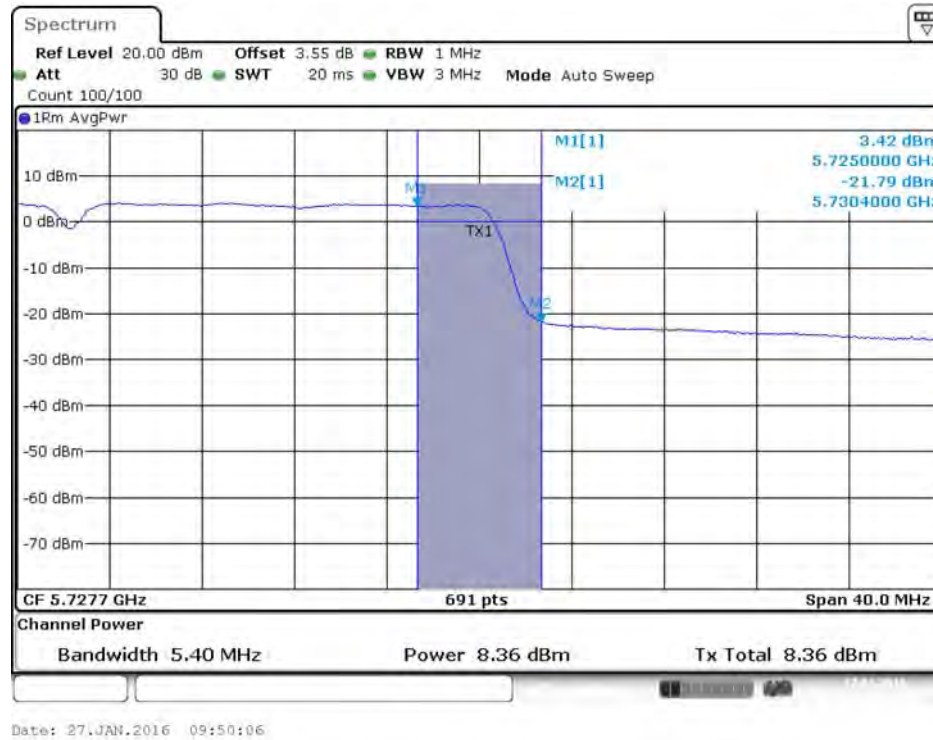
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



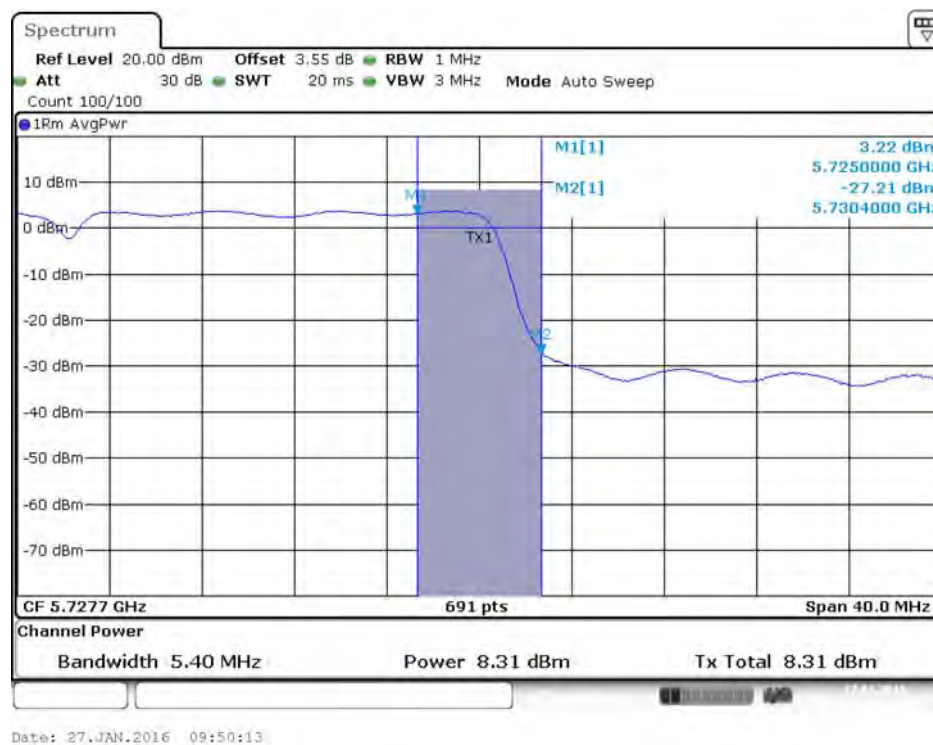
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



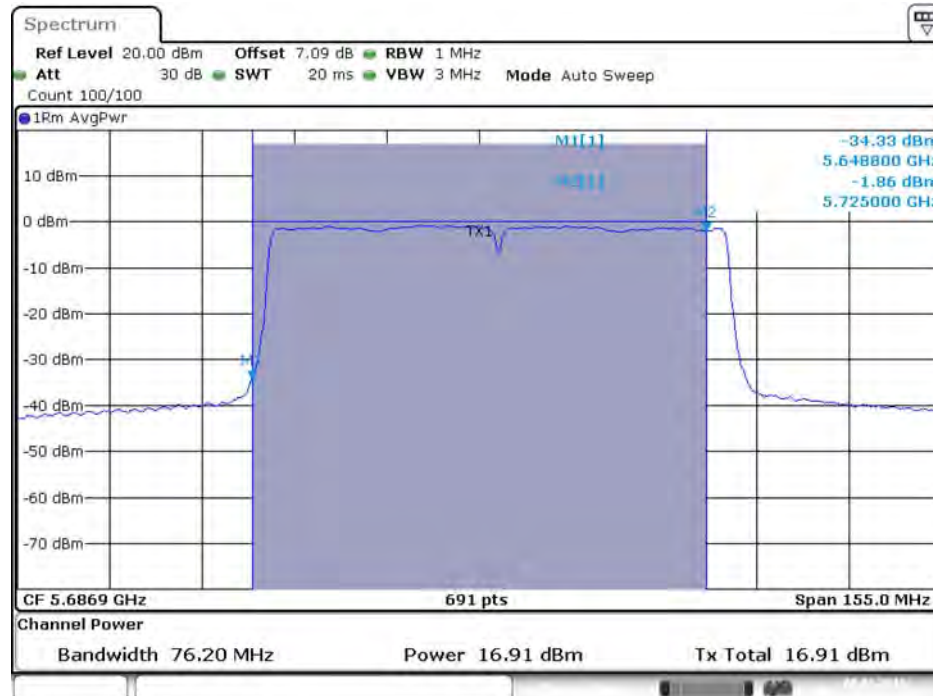
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



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

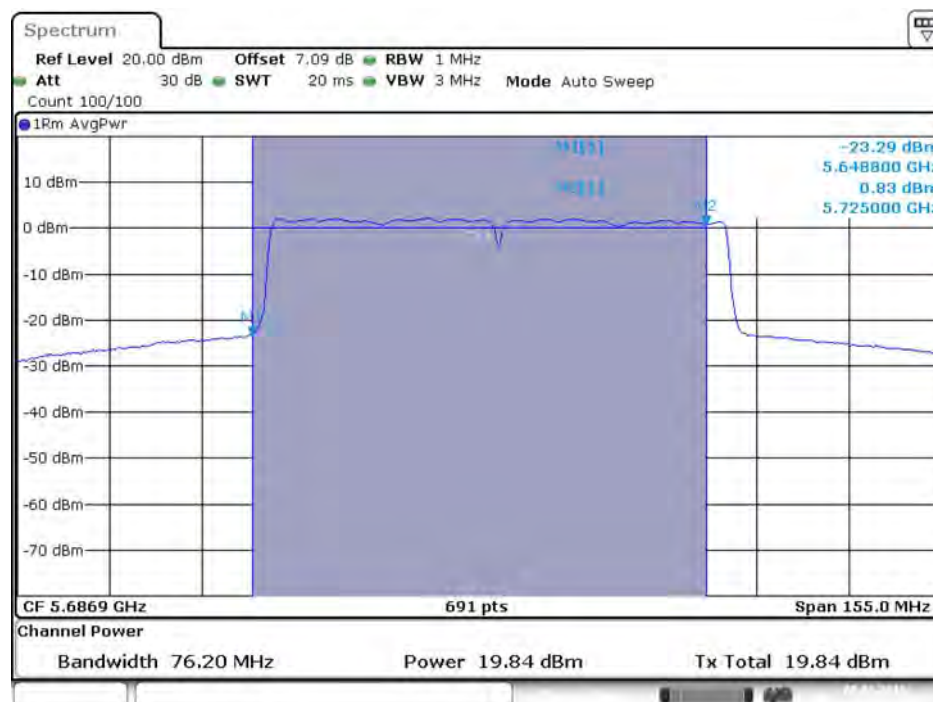


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



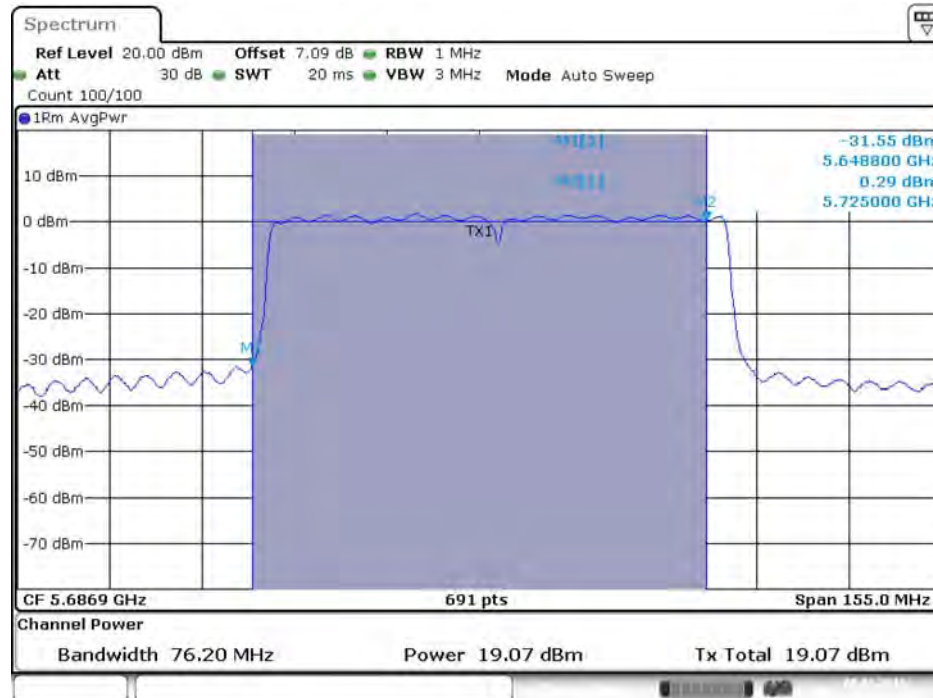
Date: 8 JAN 2016 13:52:18

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



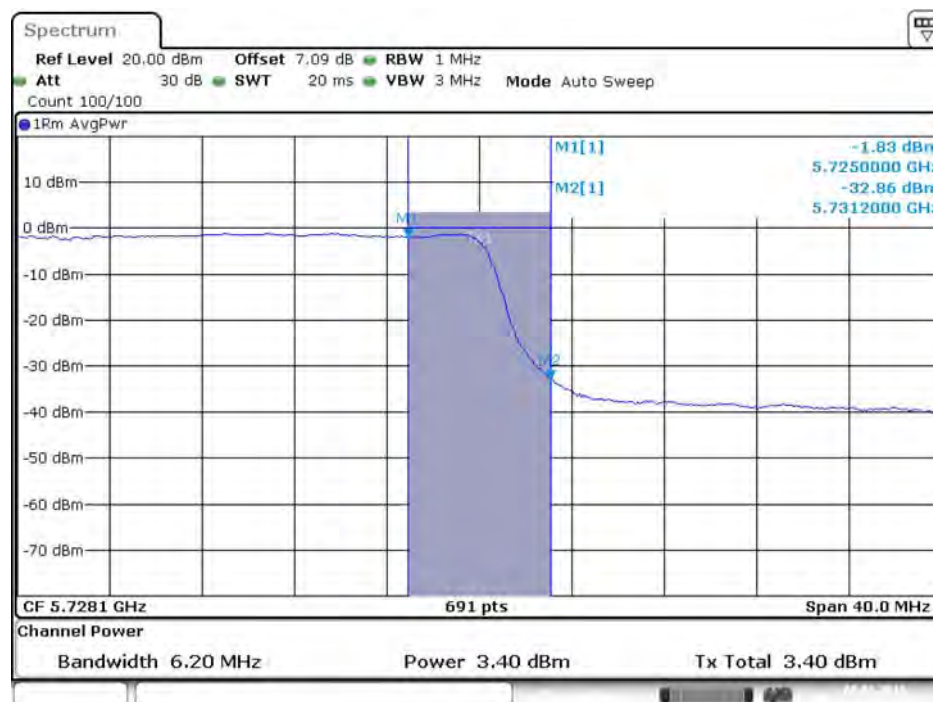
Date: 8 JAN 2016 13:52:25

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



Date: 8 JAN 2016 13:52:32

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



Date: 8 JAN 2016 13:52:21

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



Date: 8 JAN 2016 13:52:28

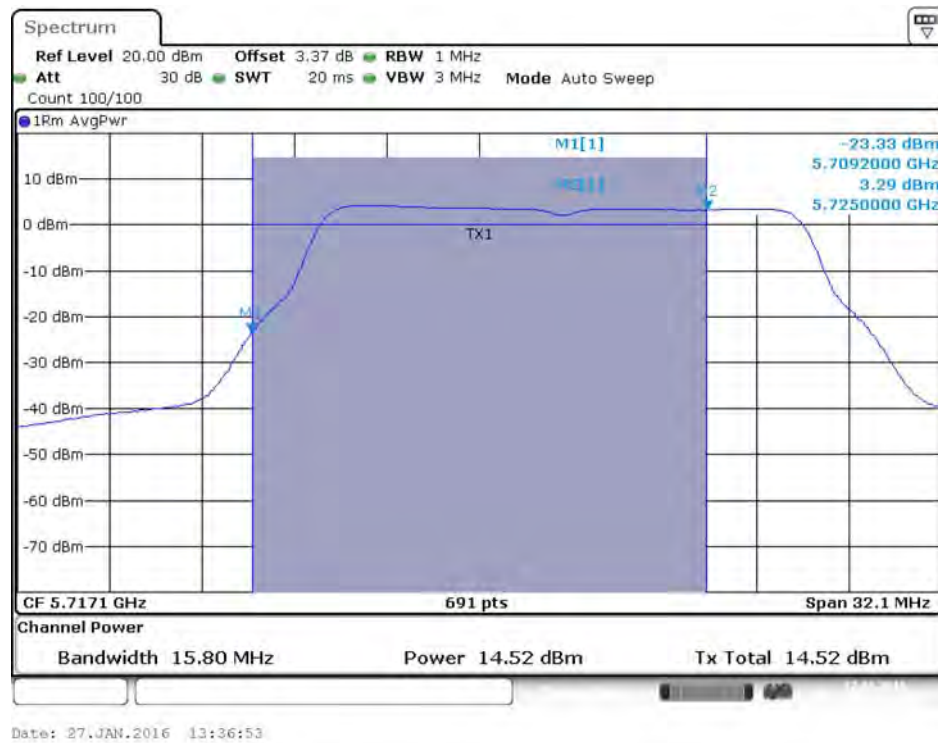
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



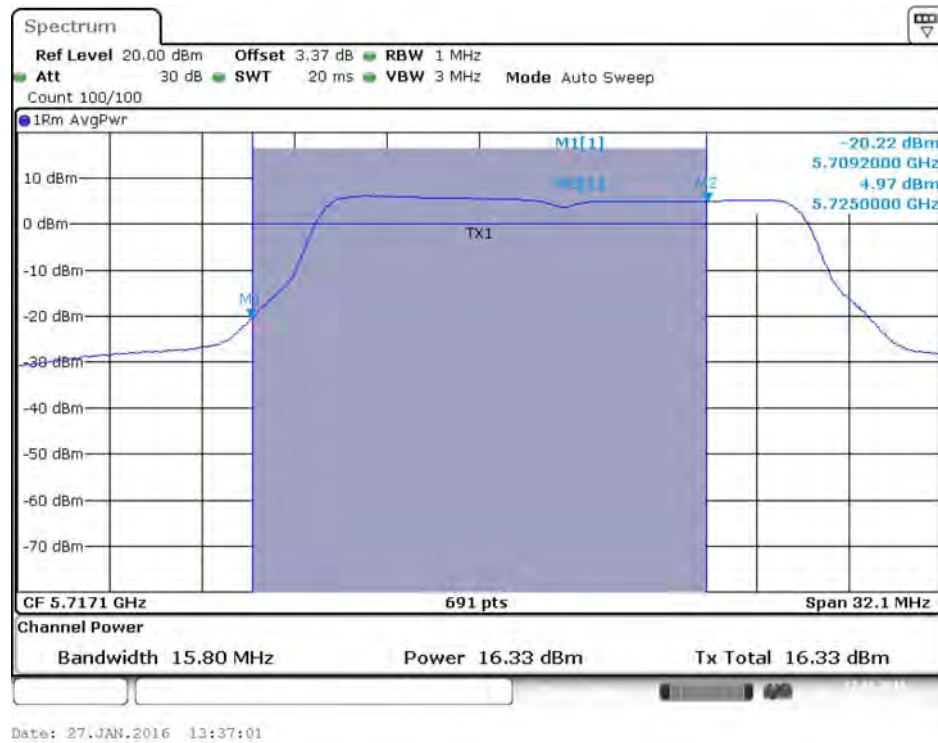
Date: 8 JAN 2016 13:52:35

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

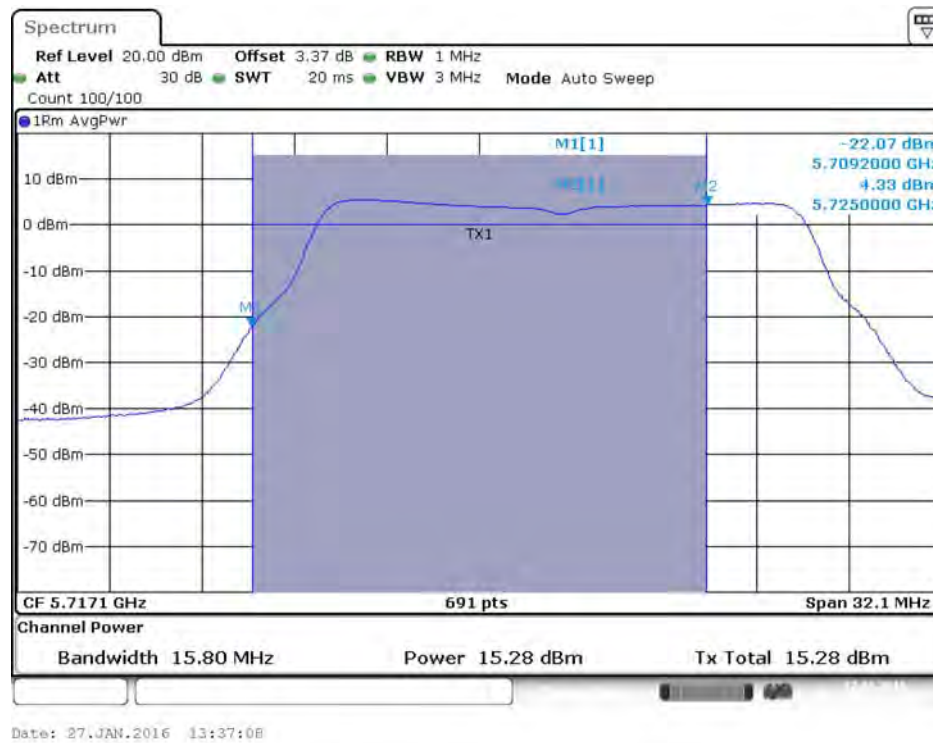
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 1 / 5720 MHz (UNII 2C)



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



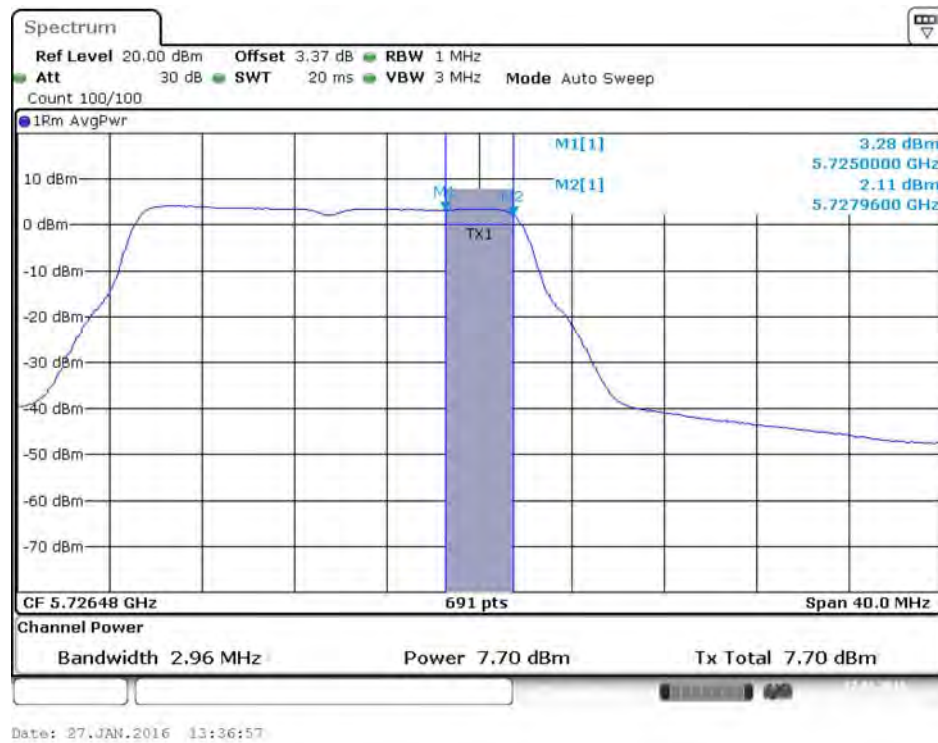
Conducted Output Power Plot on Configuration IEEE 802. 11a / Chain 3 / 5720 MHz (UNII 2C)



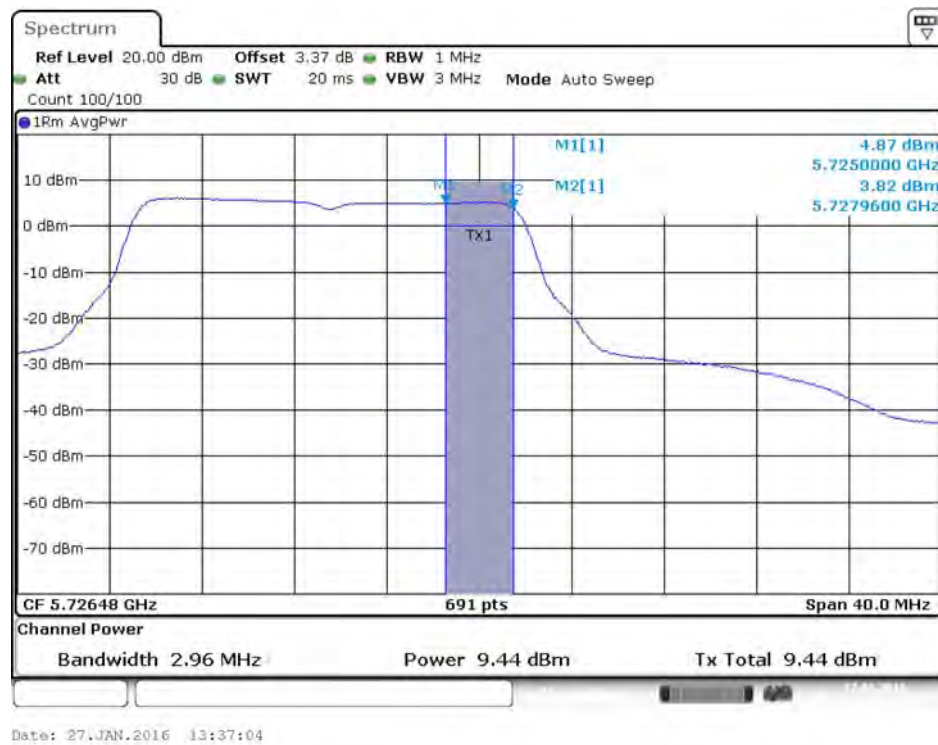
Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 4 / 5720 MHz (UNII 2C)



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 3)



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



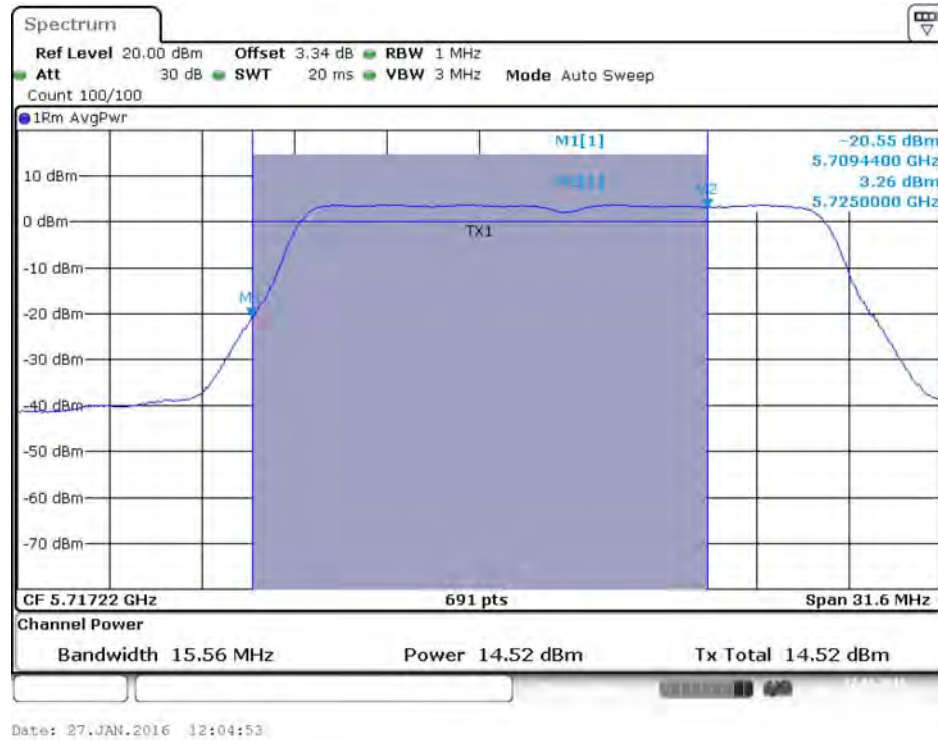
Date: 27.JAN.2016 13:37:11

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

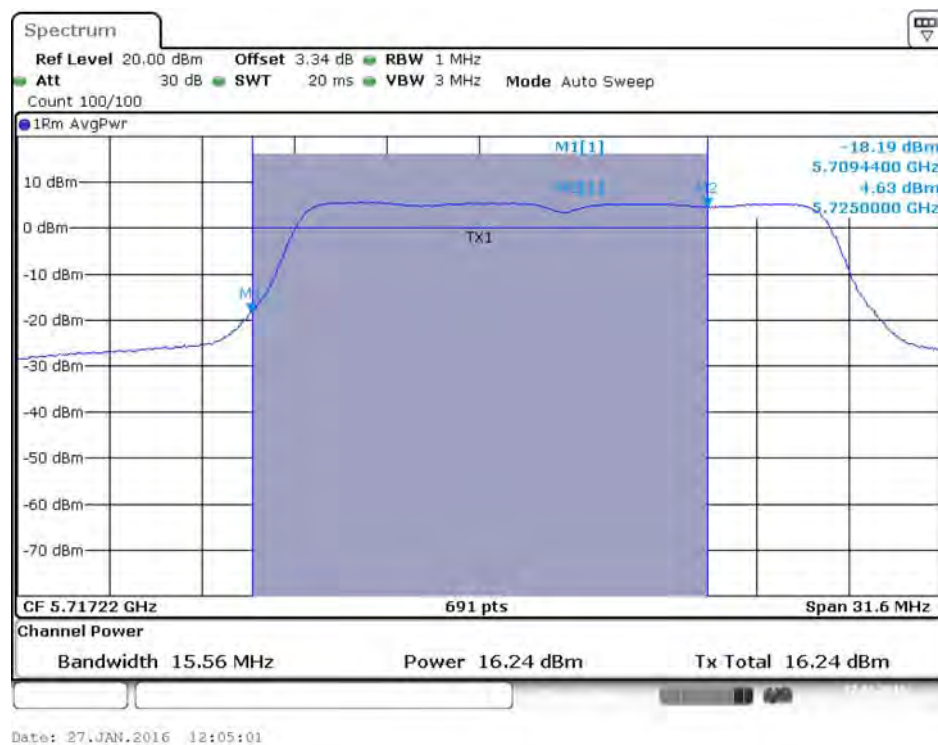


Date: 27.JAN.2016 13:37:19

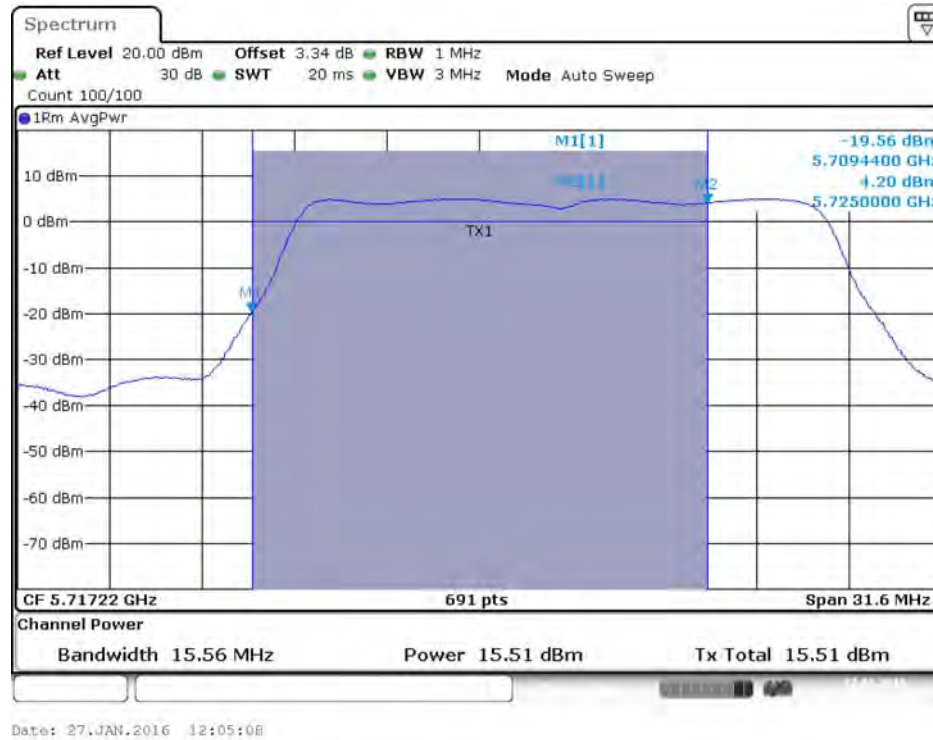
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



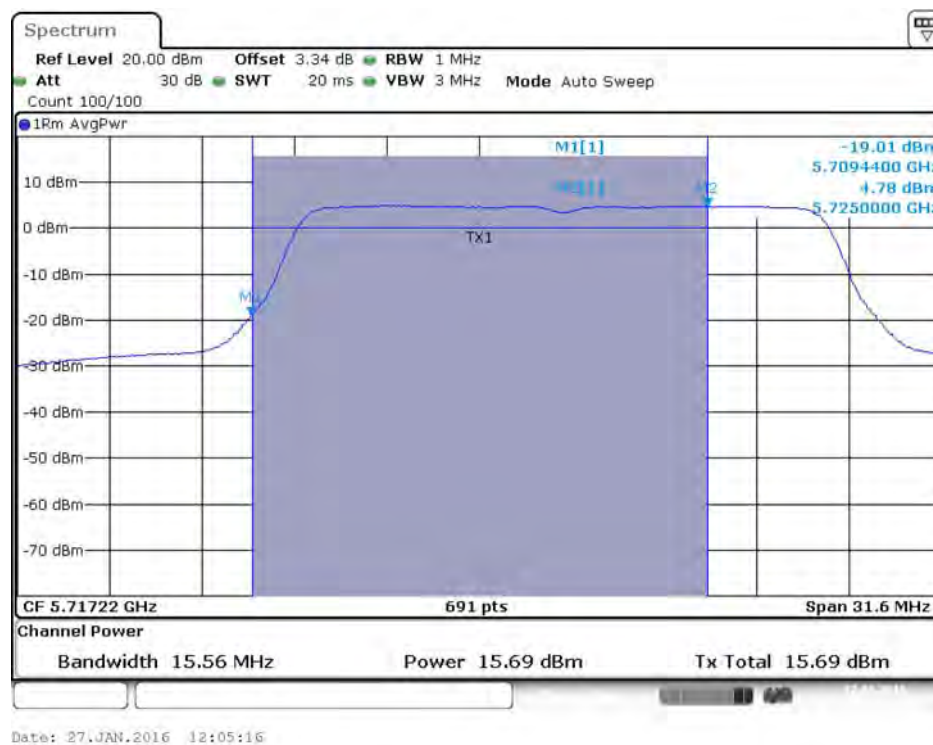
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



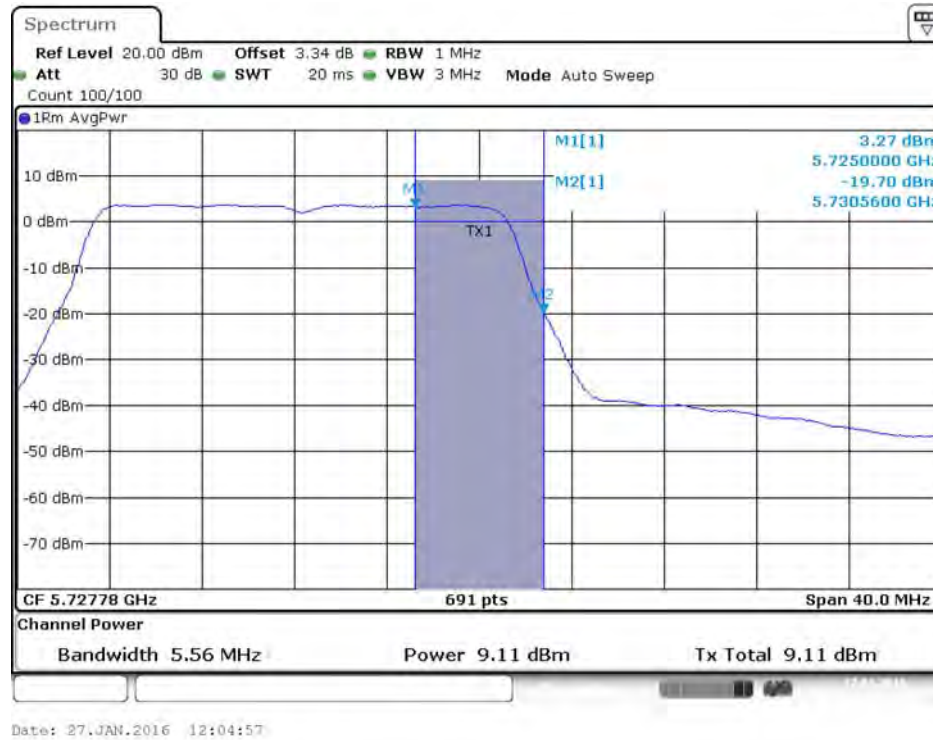
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



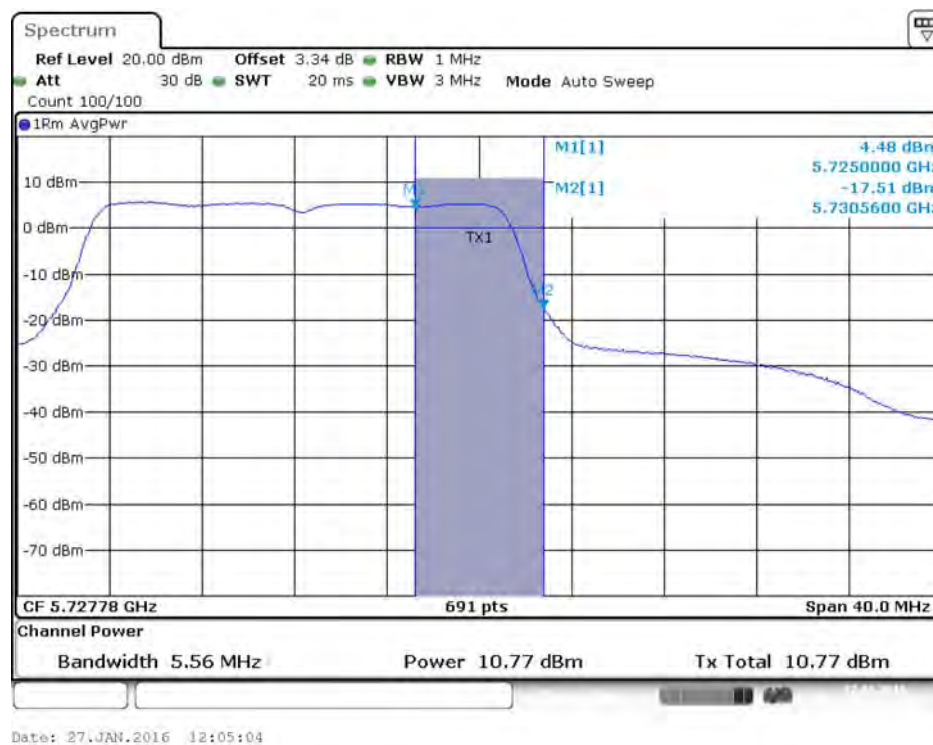
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



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



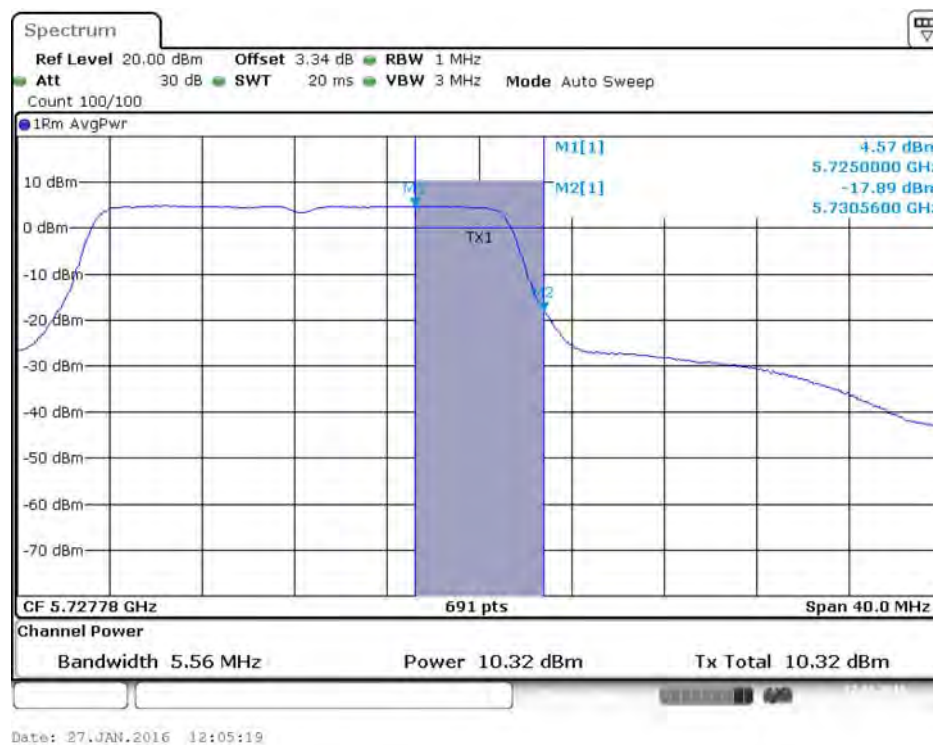
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



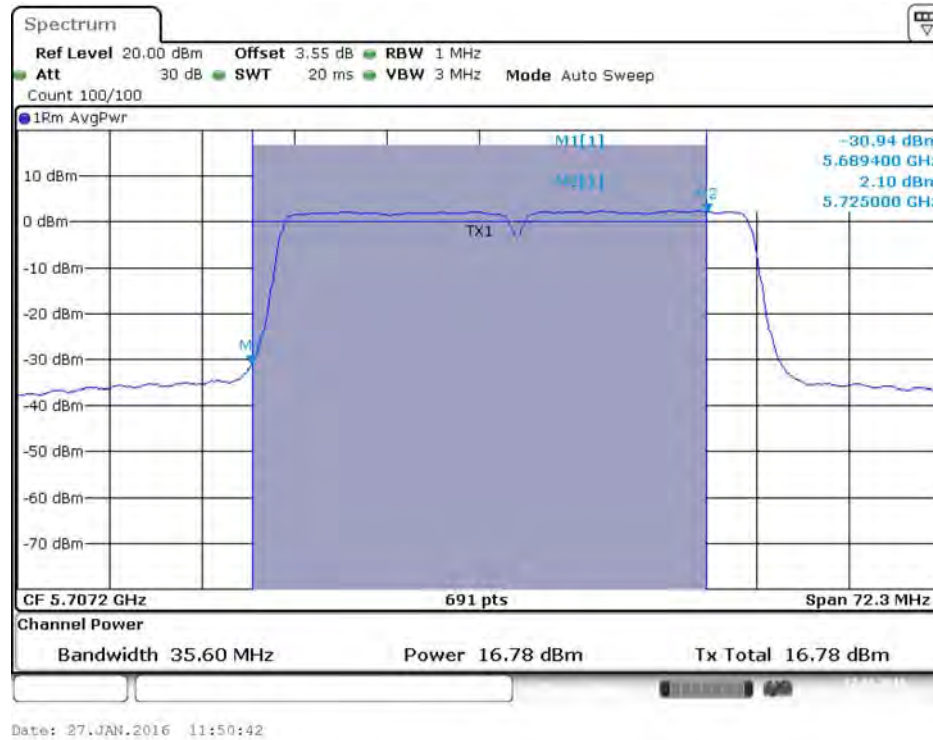
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



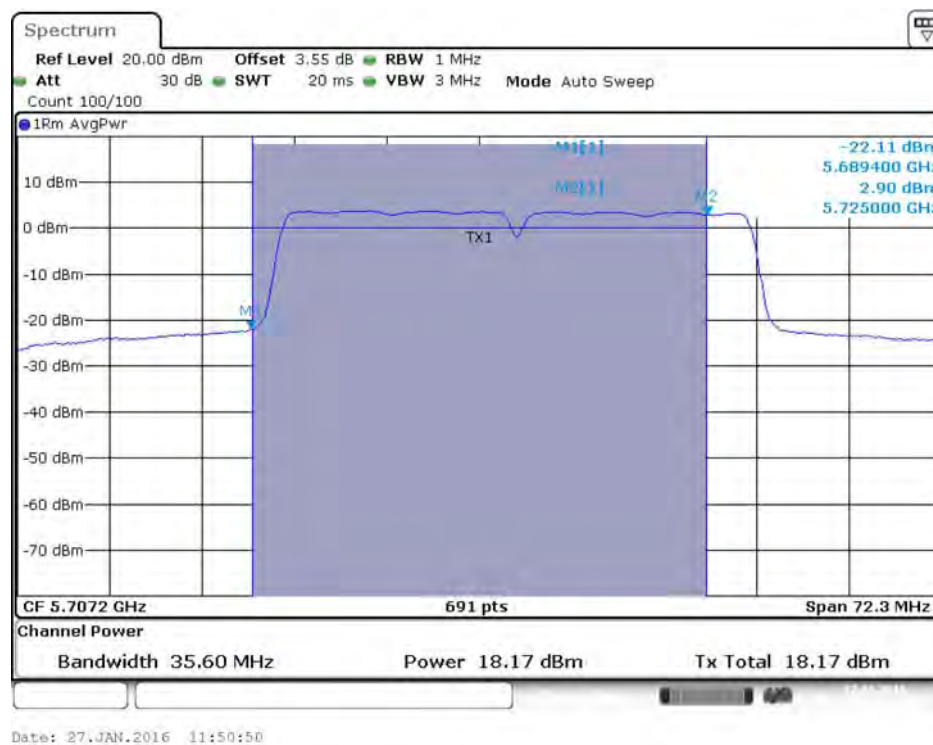
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)



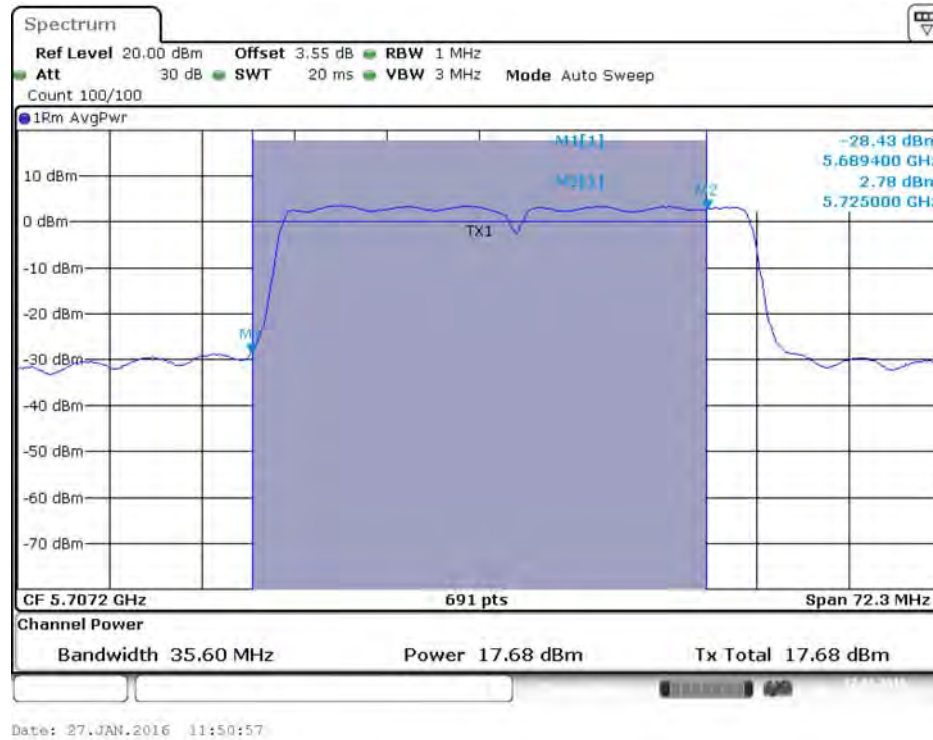
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



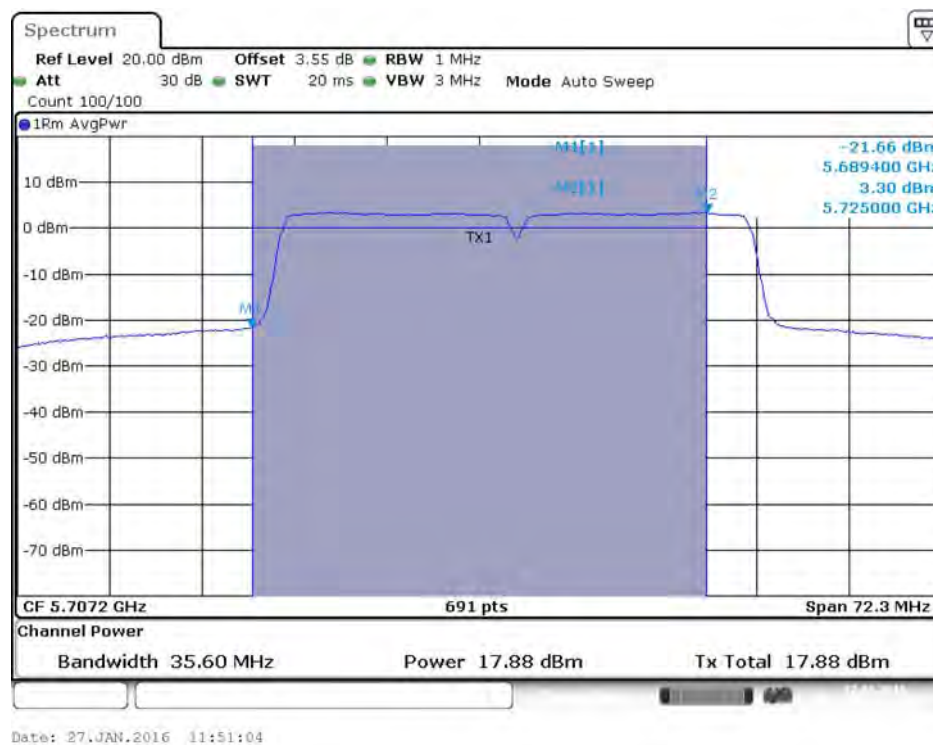
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



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



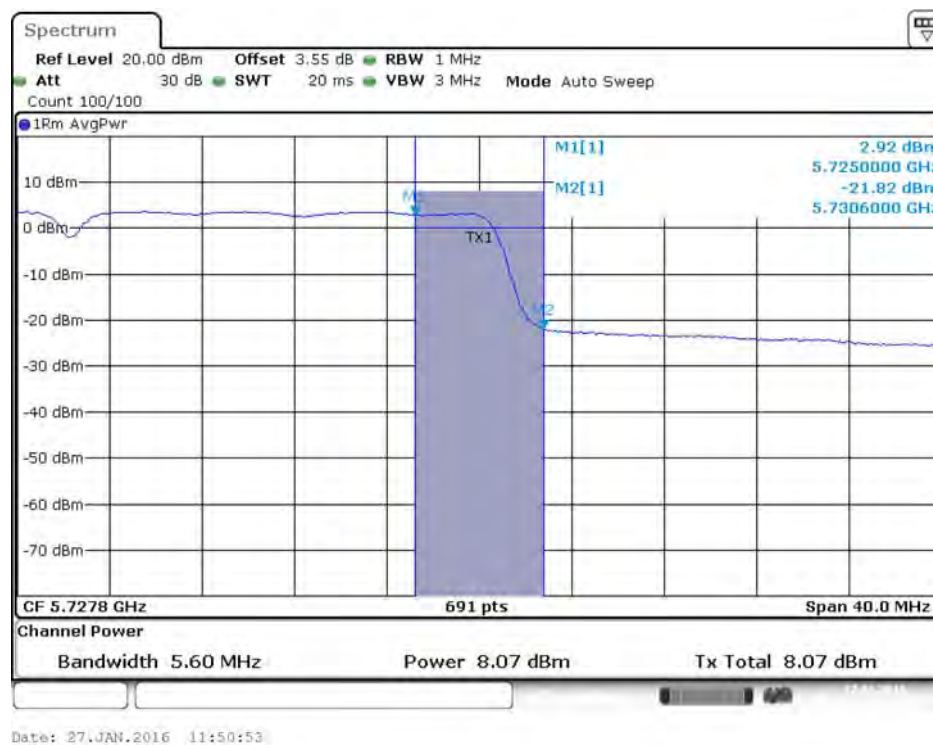
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



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



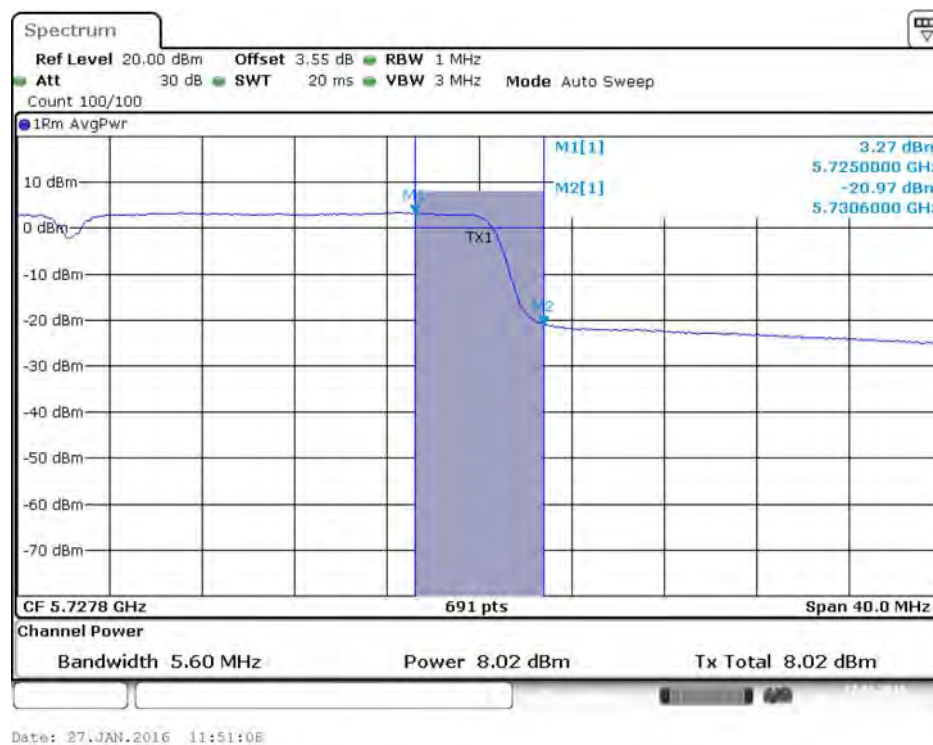
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



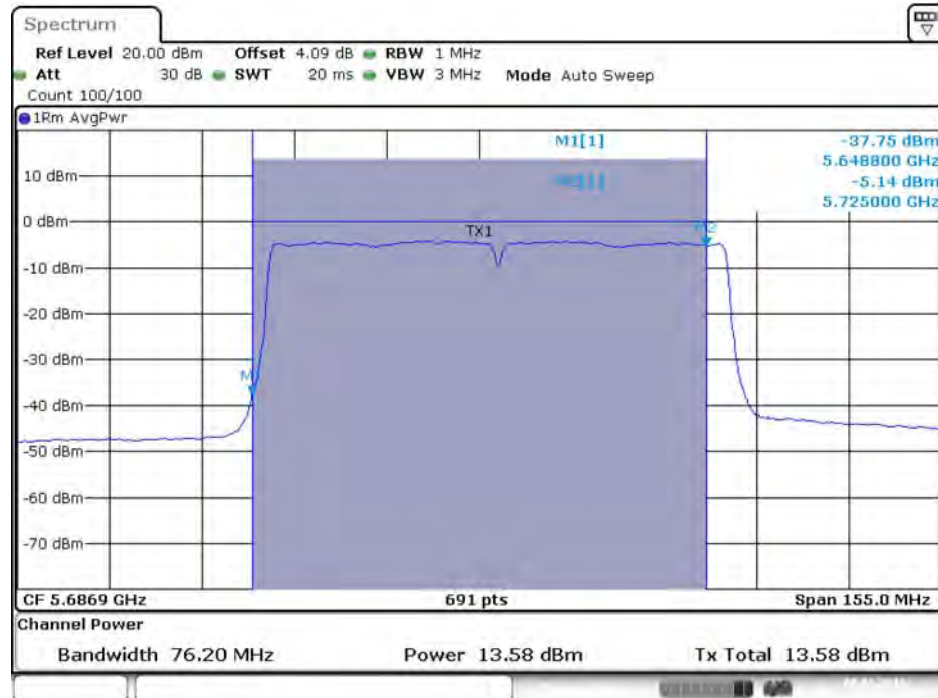
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



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

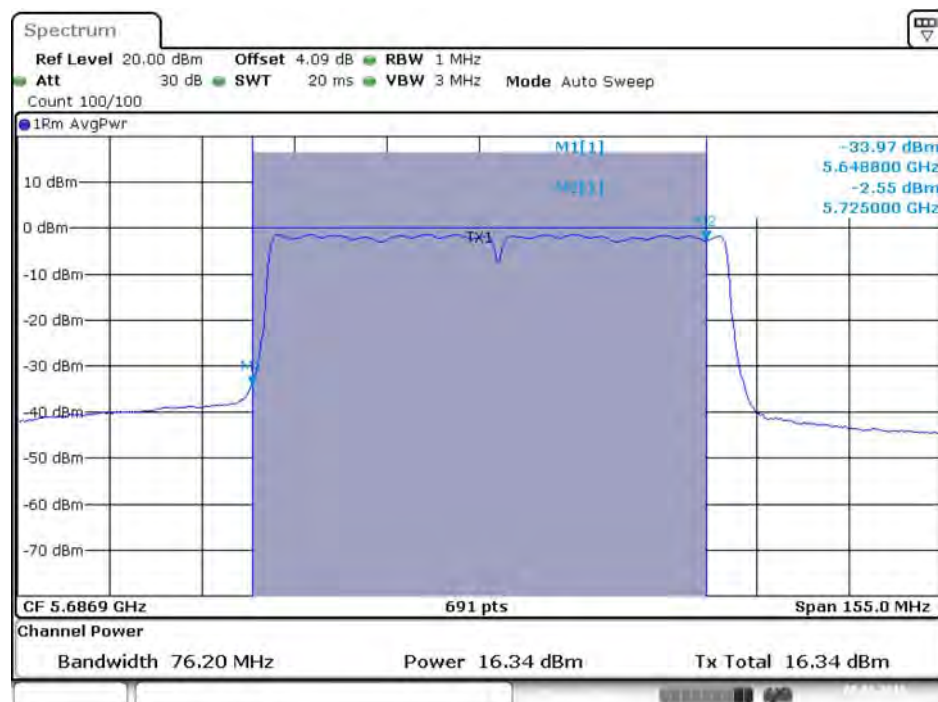


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



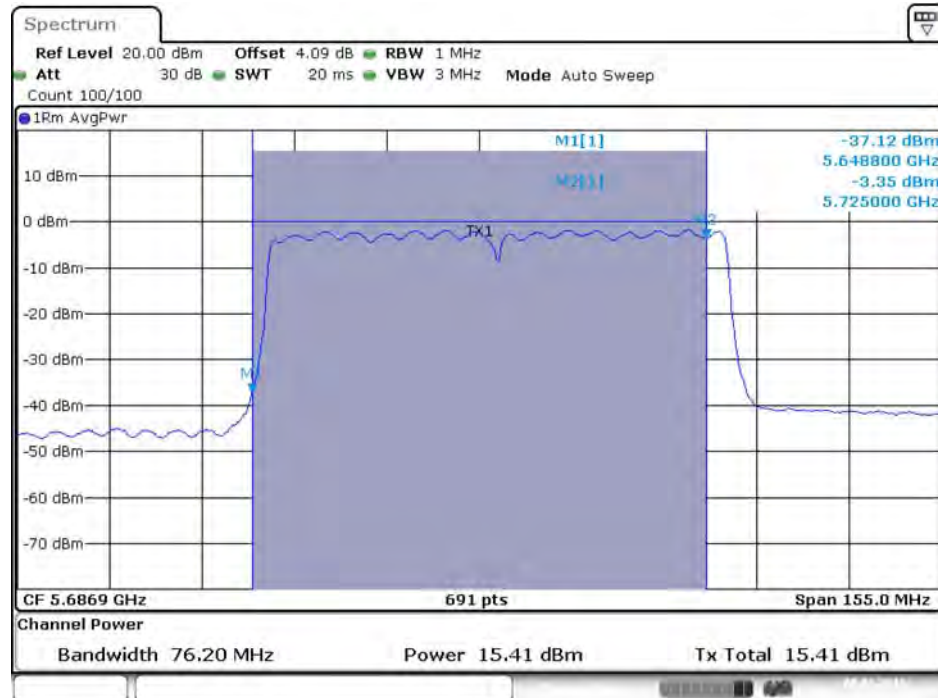
Date: 8, JAN, 2016 15:24:32

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



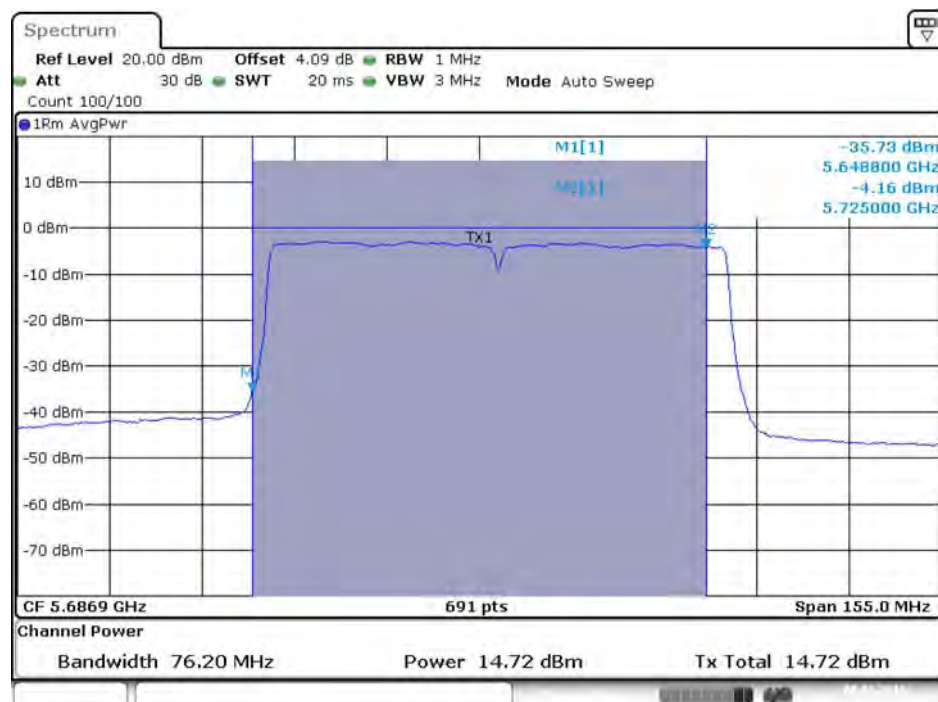
Date: 8, JAN, 2016 15:24:39

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



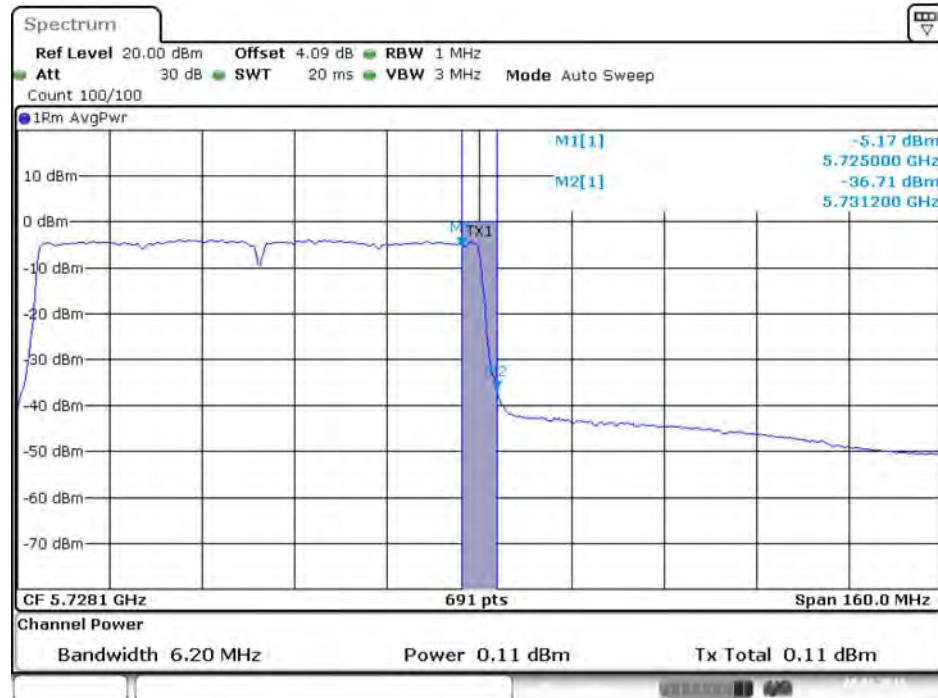
Date: 8 JAN 2016 15:24:46

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



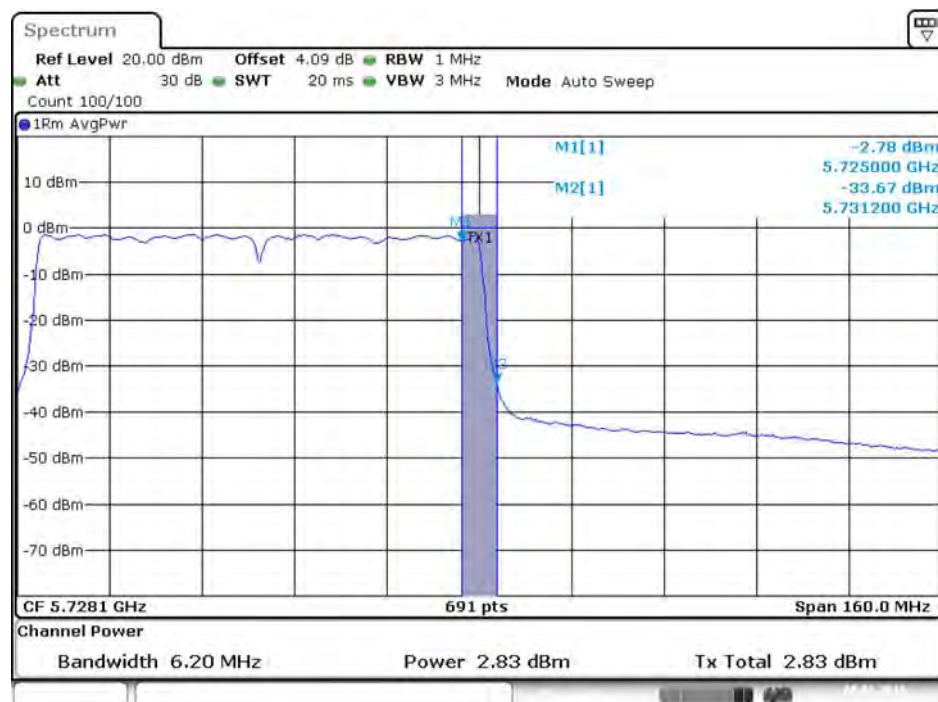
Date: 8 JAN 2016 15:24:53

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



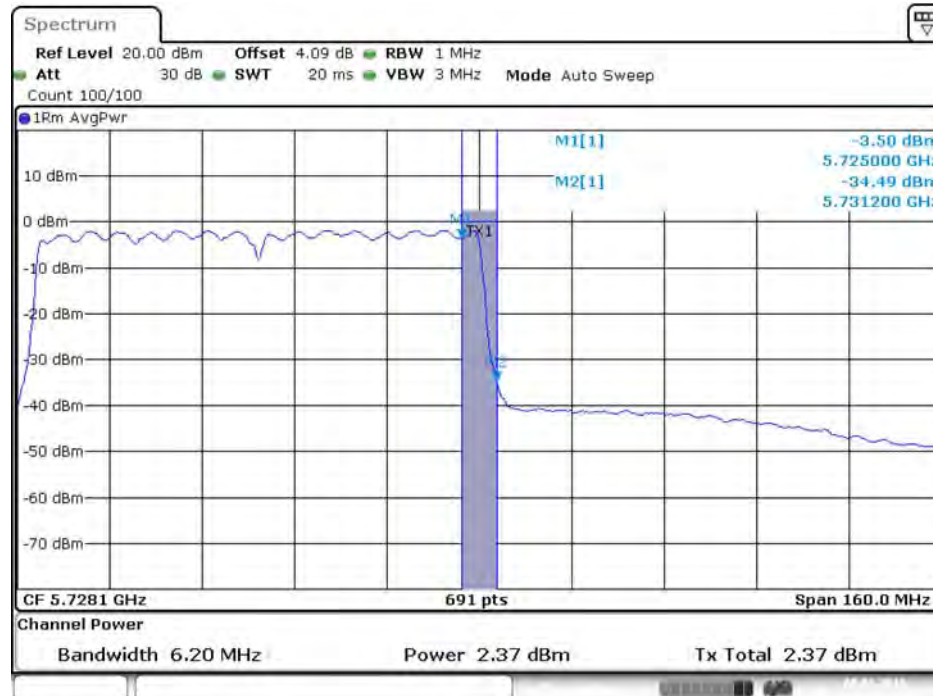
Date: 8.JAN.2016 15:24:35

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



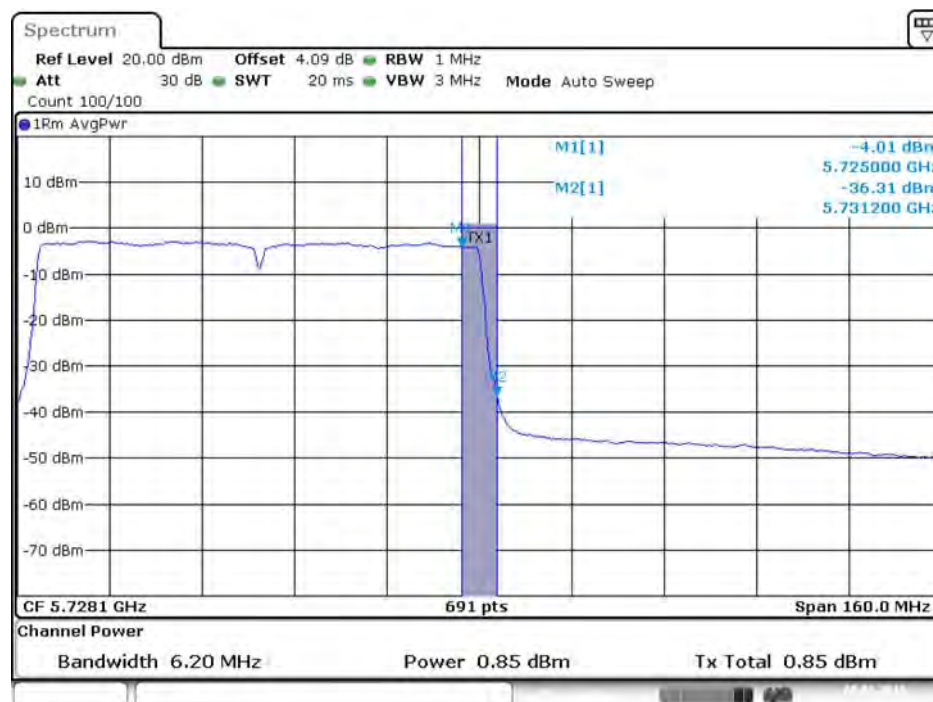
Date: 8.JAN.2016 15:24:42

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



Date: 8.JAN.2016 15:24:49

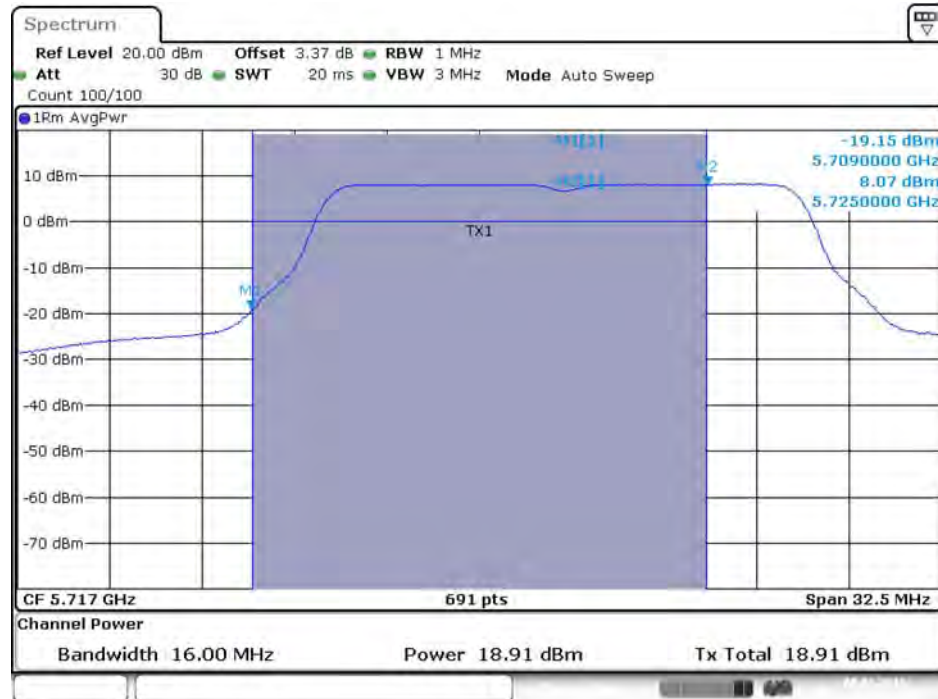
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



Date: 8.JAN.2016 15:24:56

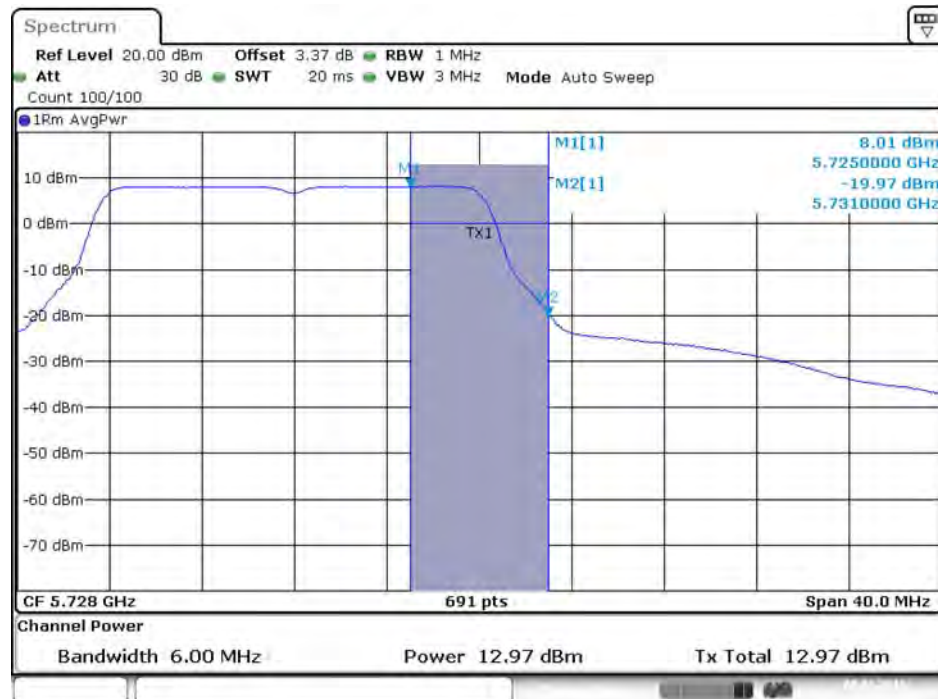
Mode 3 (Set 6 Panel antenna / 2.66dBi / 1TX)

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



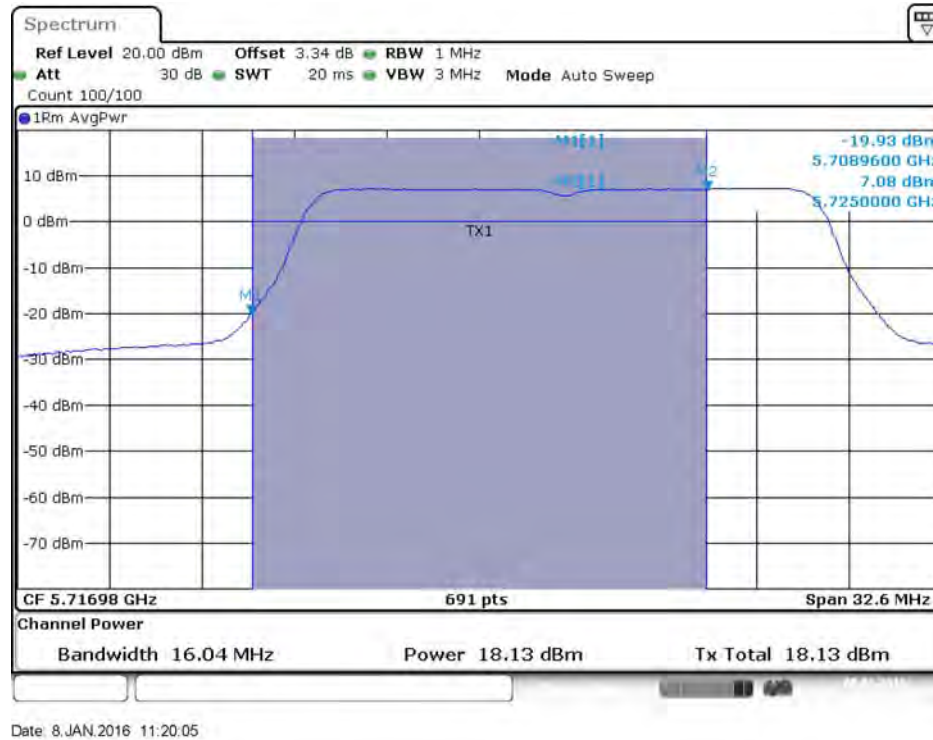
Date: 8.JAN.2016 11:12:36

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

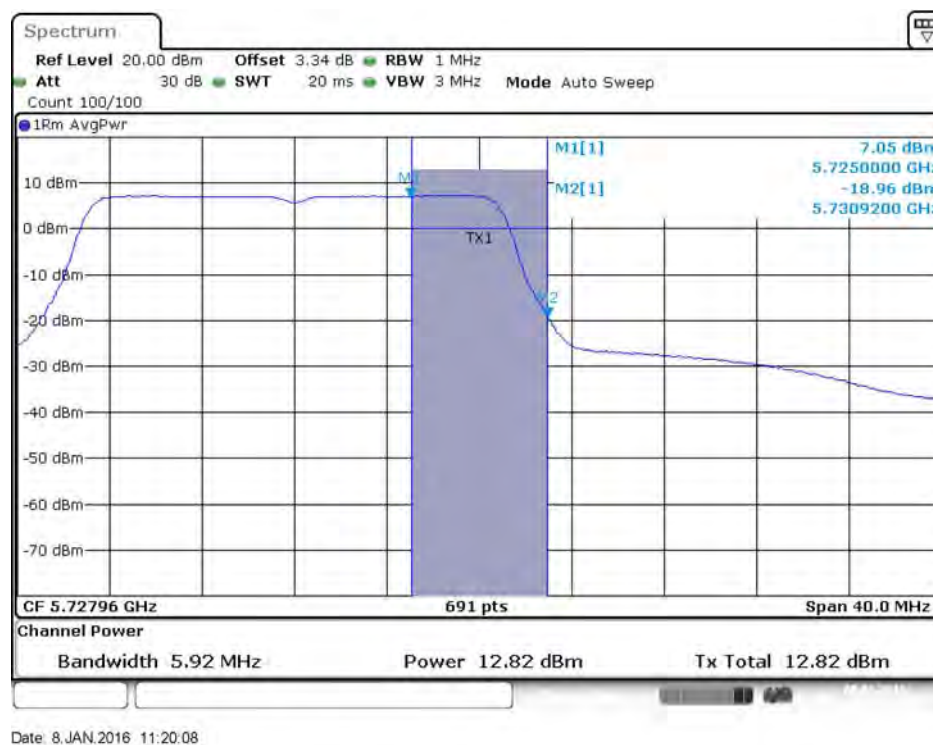


Date: 8.JAN.2016 11:12:39

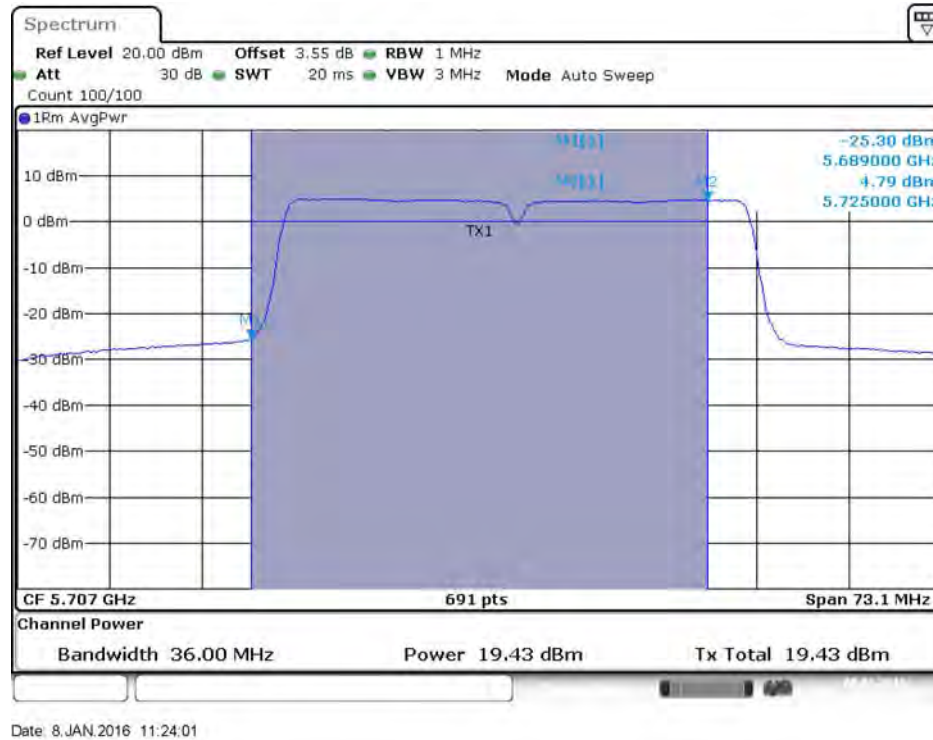
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



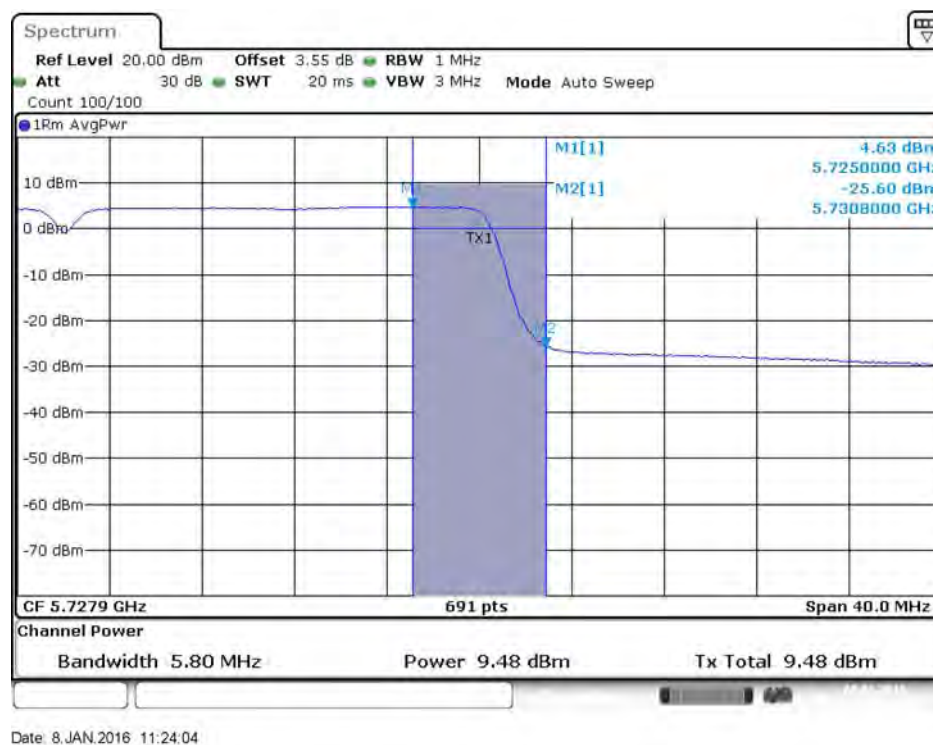
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



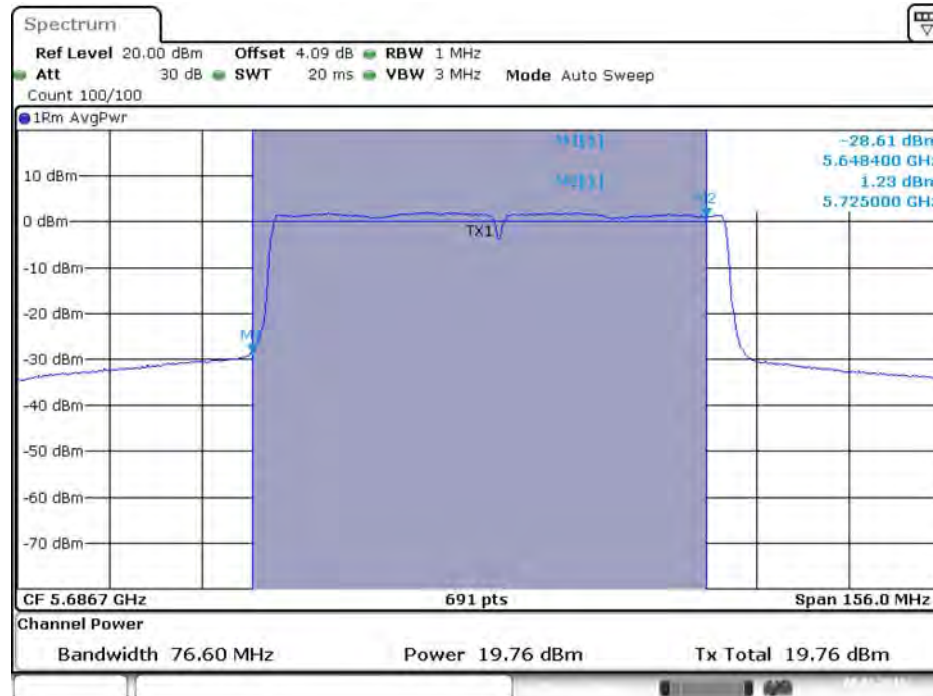
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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

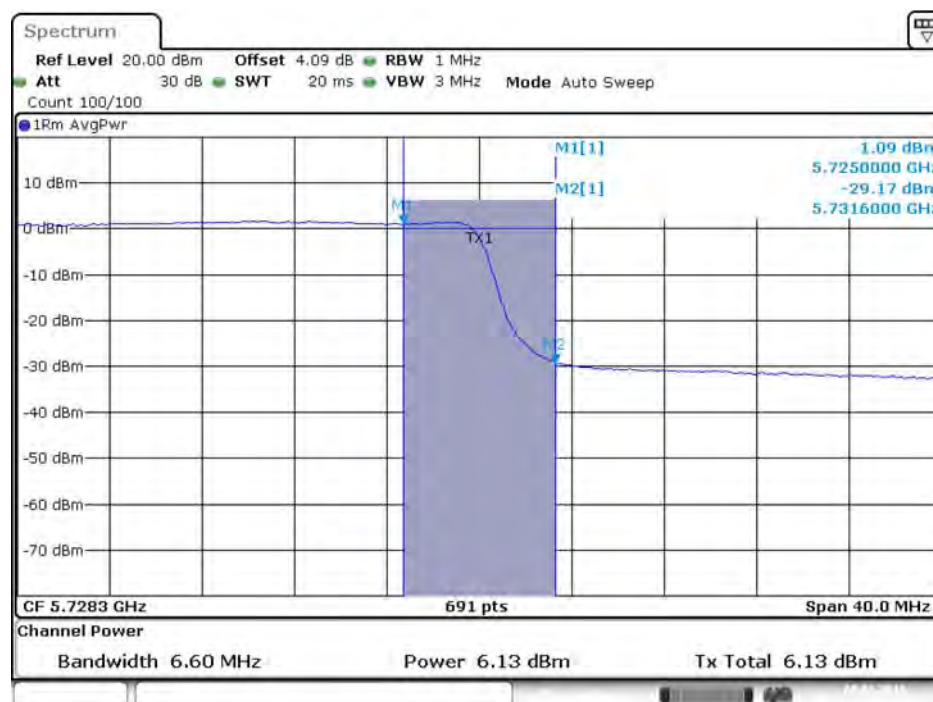


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



Date: 8.JAN.2016 11:27:03

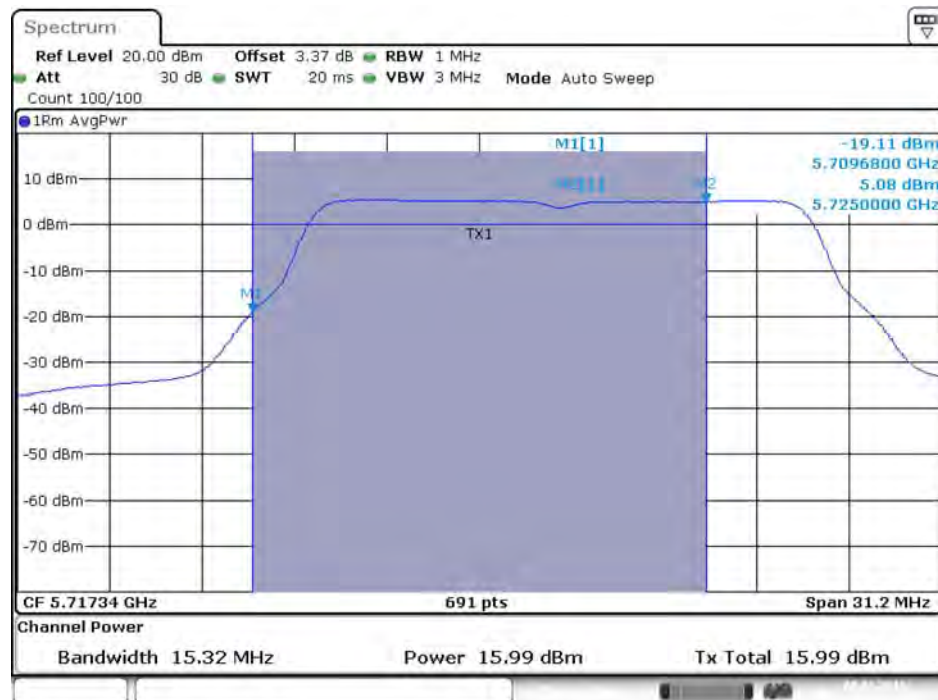
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



Date: 8.JAN.2016 11:27:06

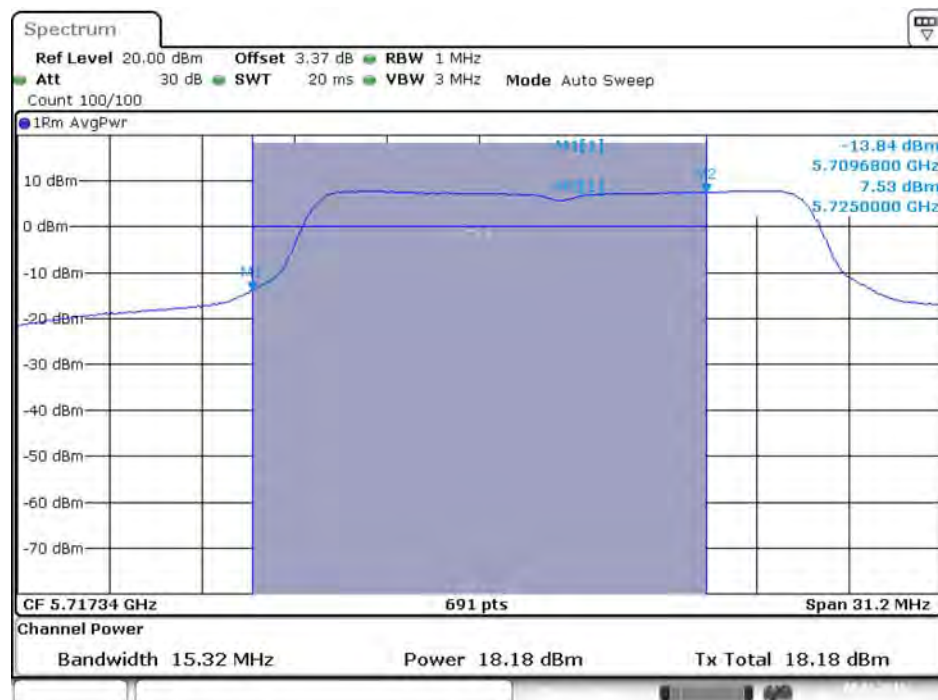
Mode 3 (Set 6 Panel antenna / 2.66dBi / 2TX)

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



Date: 8.JAN.2016 11:49:35

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



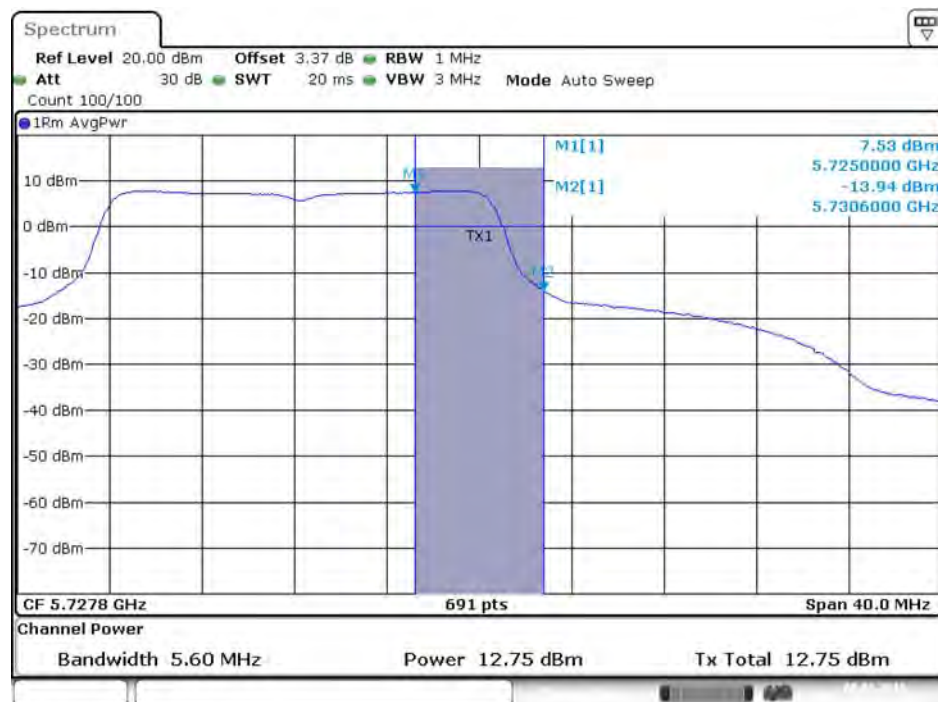
Date: 8.JAN.2016 11:49:43

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



Date: 8.JAN.2016 11:49:39

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



Date: 8.JAN.2016 11:49:46



Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

CF 5.71734 GHz 691 pts Span 31.2 MHz

Channel Power

Bandwidth 15.32 MHz Power 15.61 dBm Tx Total 15.61 dBm

Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
 Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
 Count 100/100

1Rm AvgPwr

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

TX1

CF 5.71734 GHz 691 pts Span 31.2 MHz

Channel Power

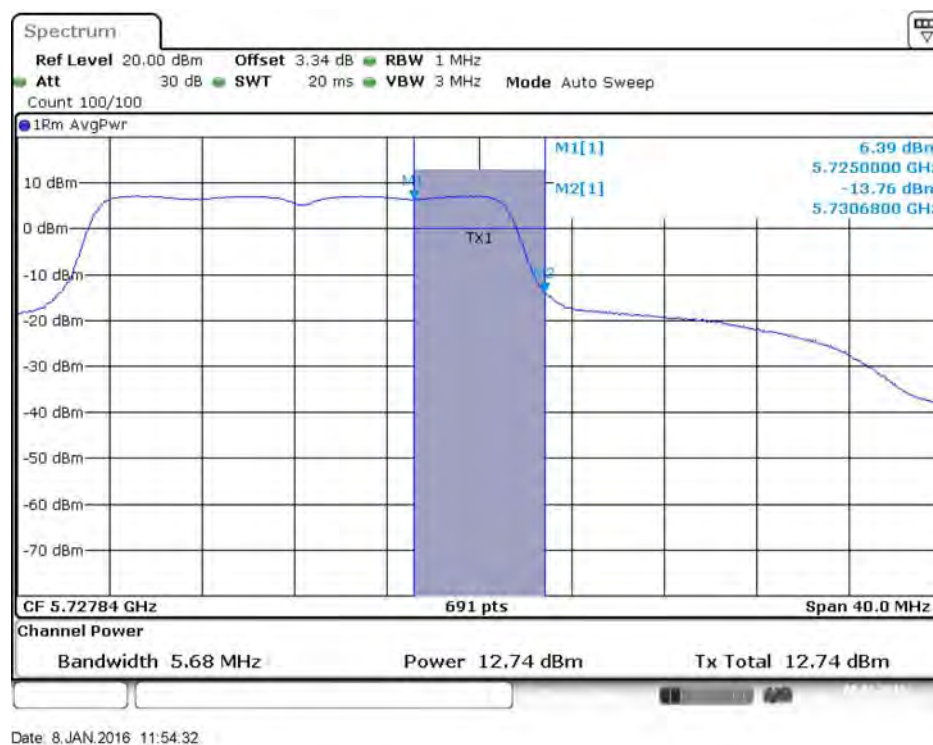
Bandwidth 15.32 MHz Power 17.83 dBm Tx Total 17.83 dBm

Date: 8.JAN.2016 11:54:28

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 3)





Spectrum

Ref Level 20.00 dBm Offset 3.55 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

Frequency (GHz)	Power (dBm)
5.689200	-31.91
5.689200	5.689200
5.700000	2.05
5.725000	5.725000

CF 5.7071 GHz 691 pts Span 72.7 MHz

Channel Power

Bandwidth 35.80 MHz Power 16.73 dBm Tx Total 16.73 dBm

Spectrum

Ref Level 20.00 dBm Offset 3.55 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

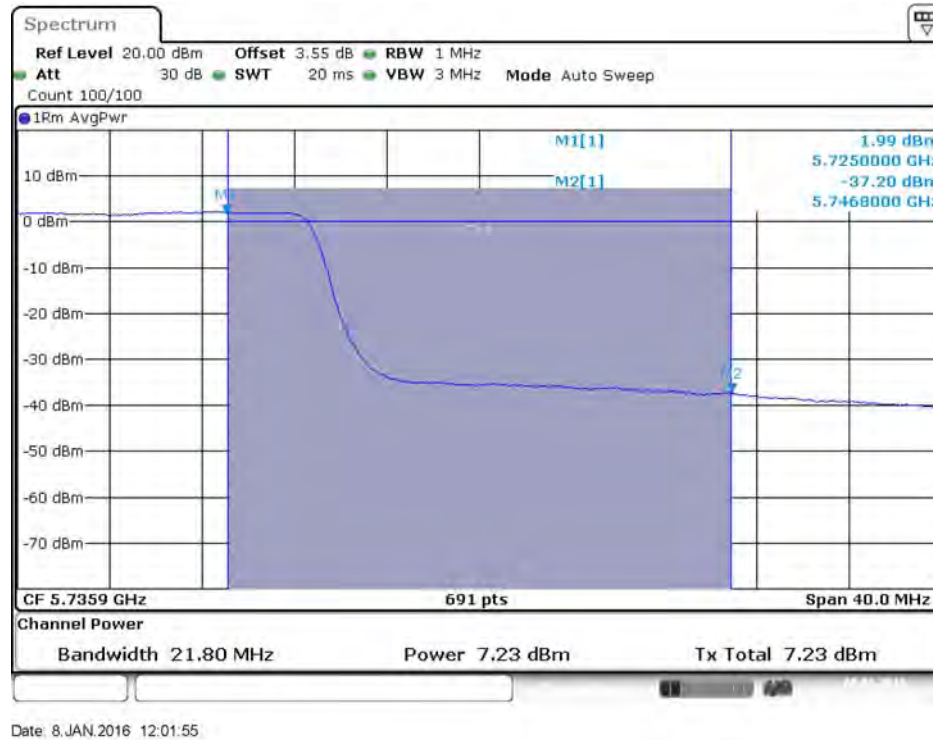
CF 5.7071 GHz 691 pts Span 72.7 MHz

Channel Power

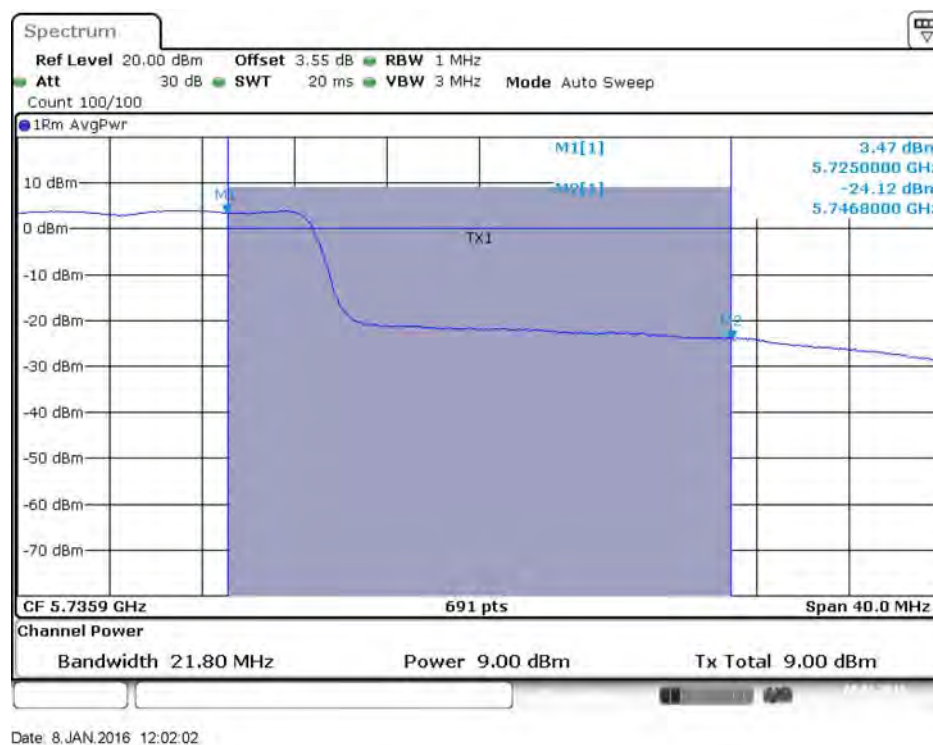
Bandwidth 35.80 MHz Power 18.47 dBm Tx Total 18.47 dBm

Date: 8, JAN, 2016 12:01:59

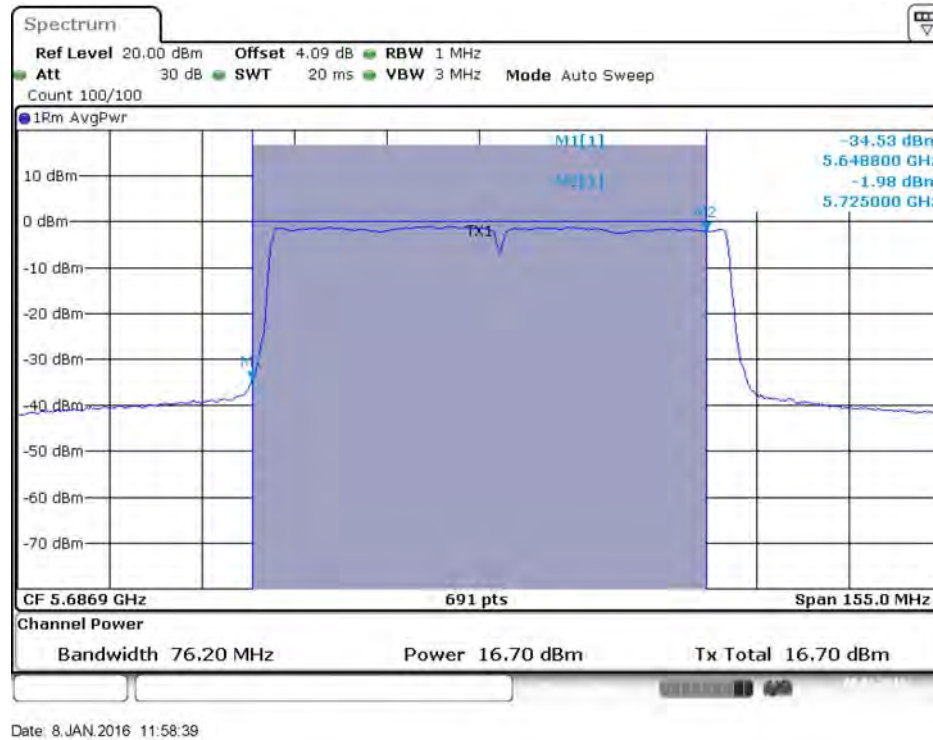
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



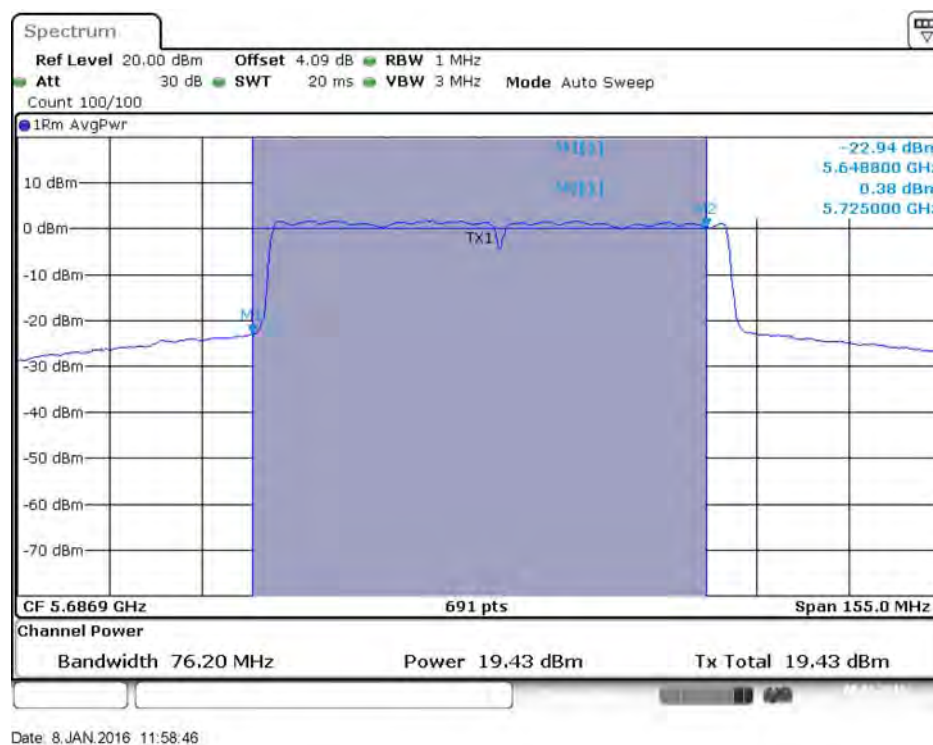
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



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



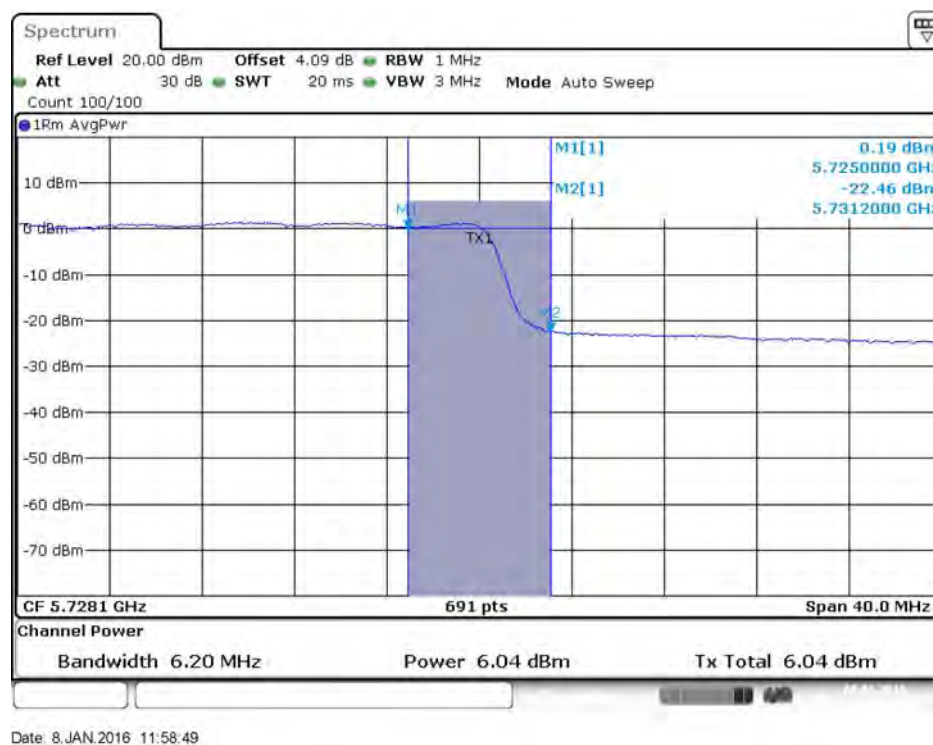
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



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

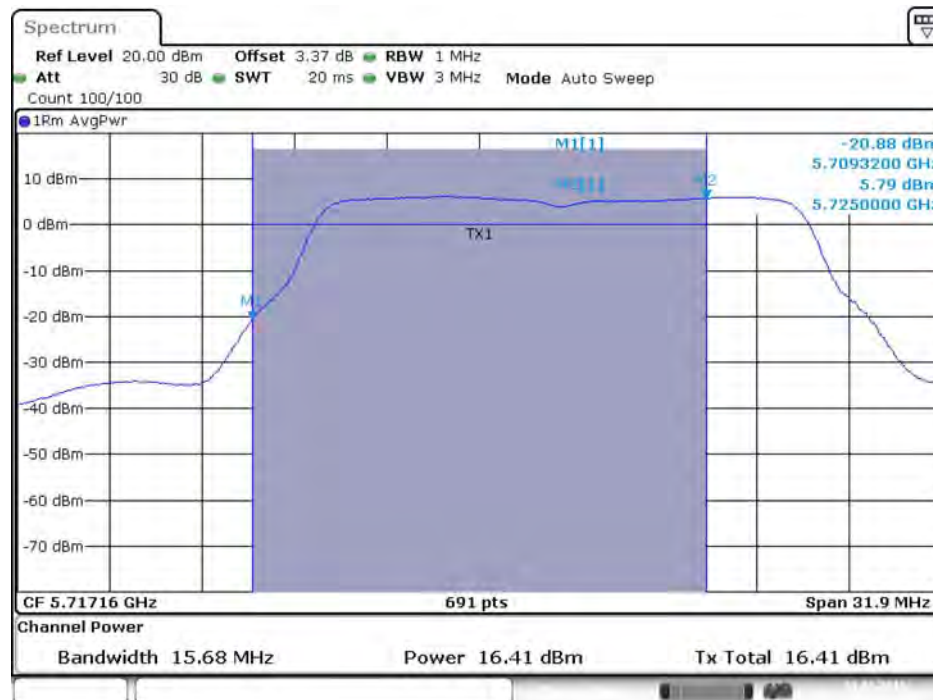


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



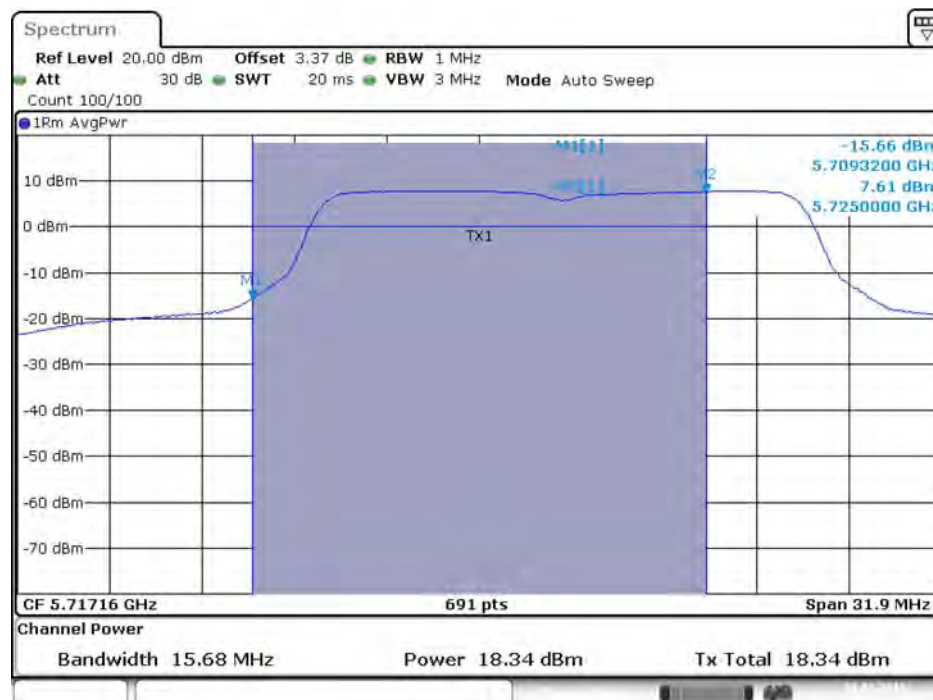
Mode 3 (Set 6 Panel antenna / 2.66dBi / 3TX)

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



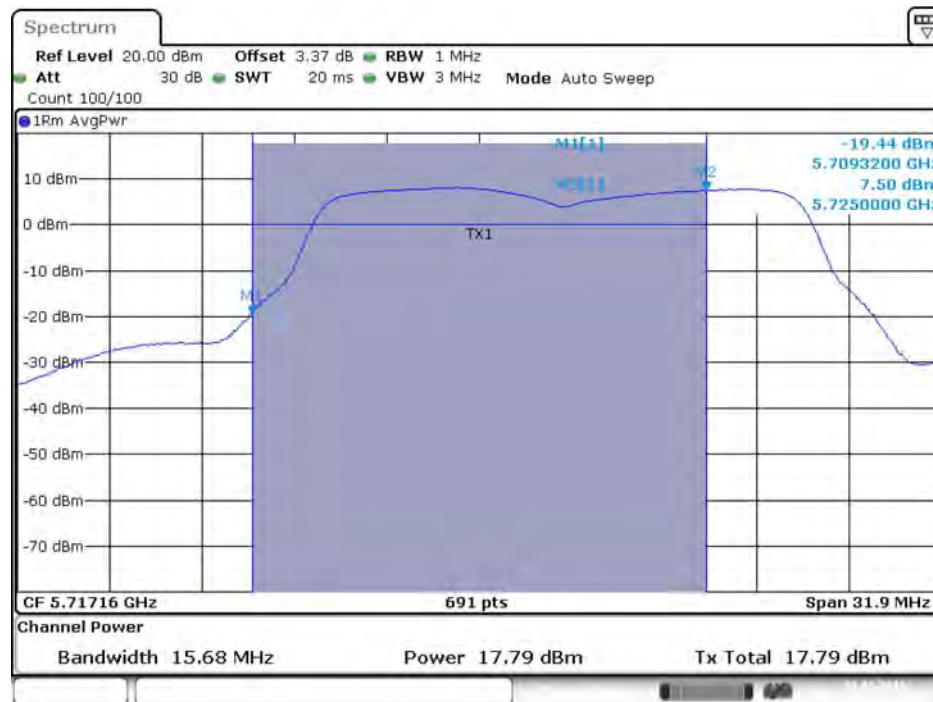
Date: 31.JAN.2016 10:44:56

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



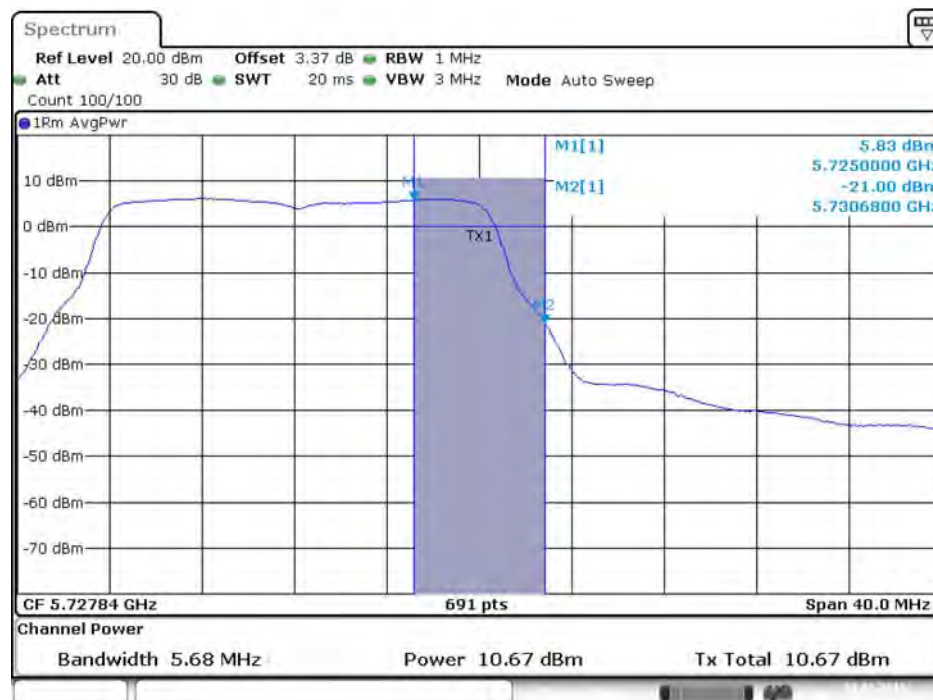
Date: 31.JAN.2016 10:45:03

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



Date: 31.JAN.2016 10:45:10

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



Date: 31.JAN.2016 10:45:00

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



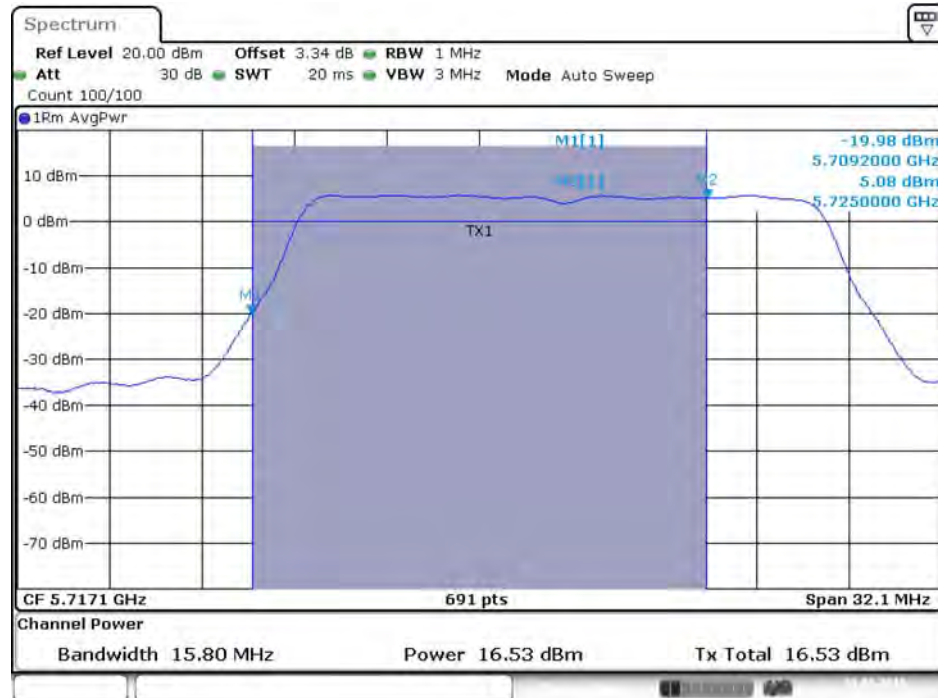
Date: 31.JAN.2016 10:45:07

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



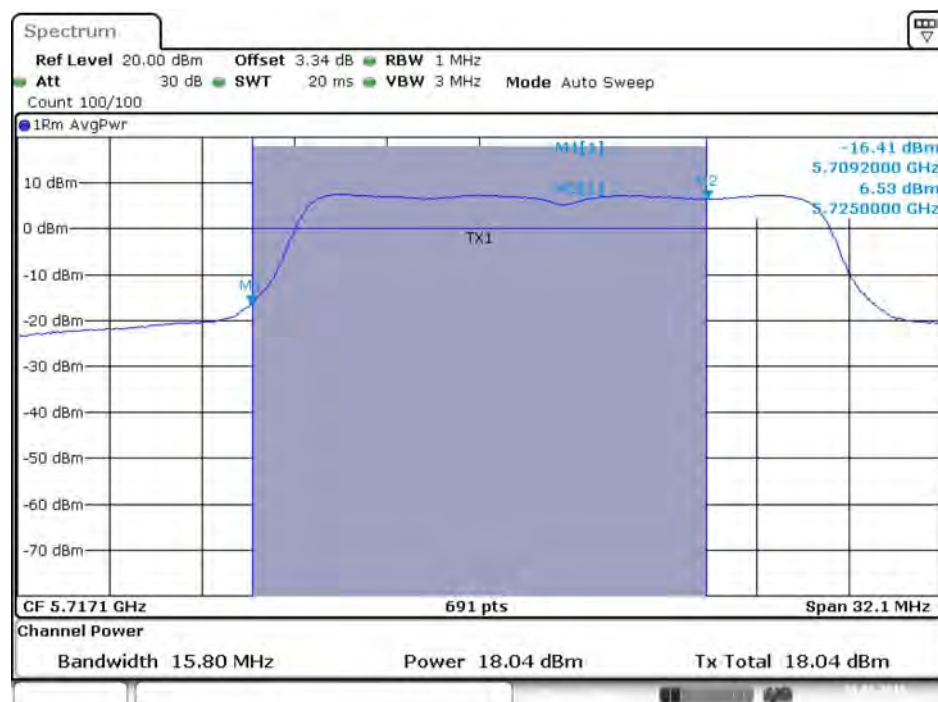
Date: 31.JAN.2016 10:45:14

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



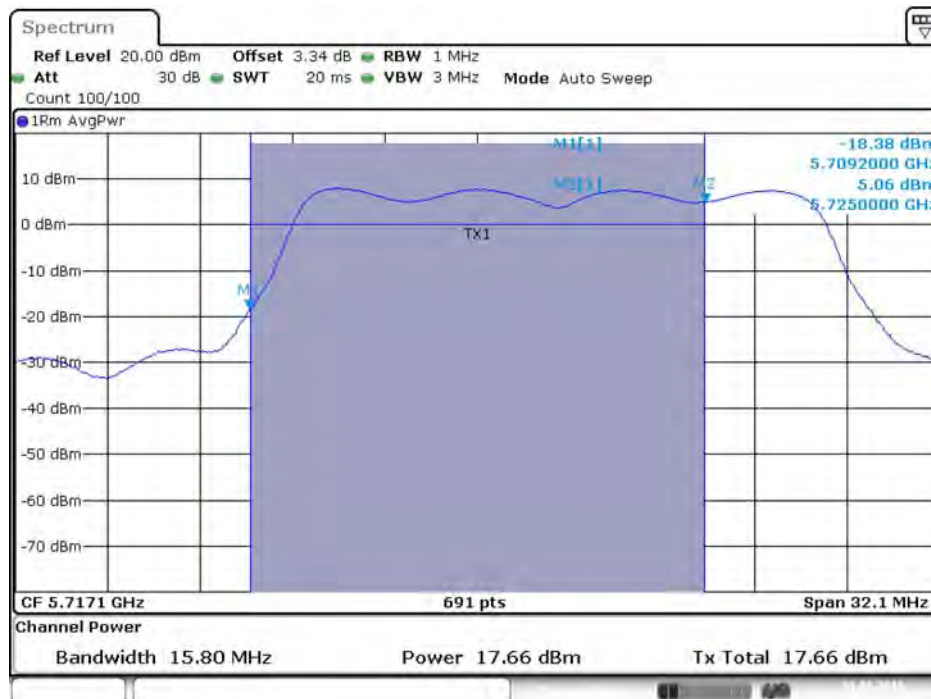
Date: 31.JAN.2016 10:54:29

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



Date: 31.JAN.2016 10:54:36

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



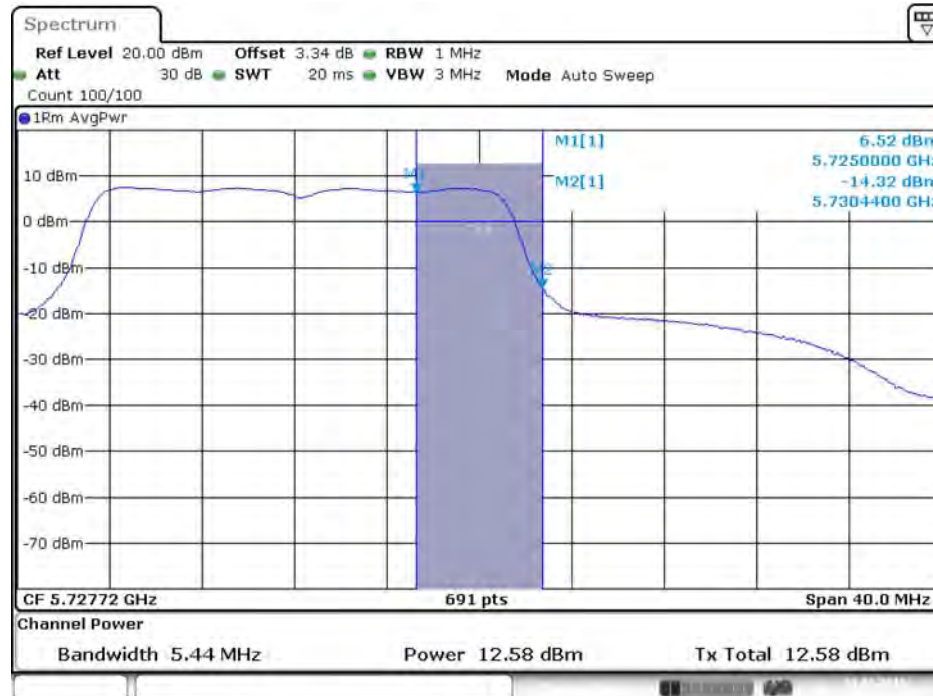
Date: 31.JAN.2016 10:54:43

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



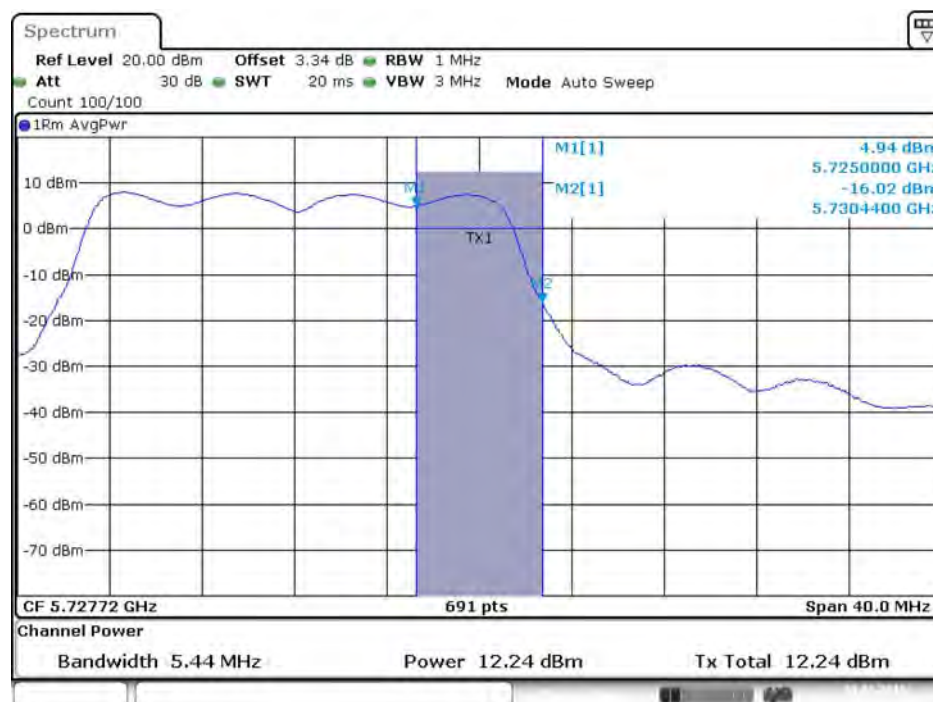
Date: 31.JAN.2016 10:54:32

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



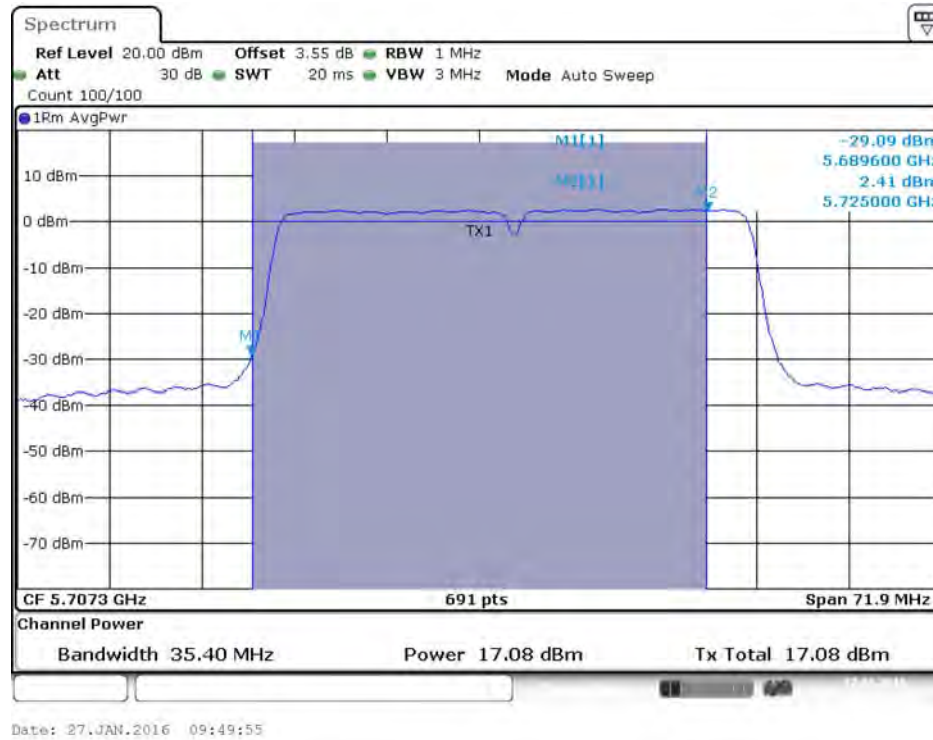
Date: 31.JAN.2016 10:54:39

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

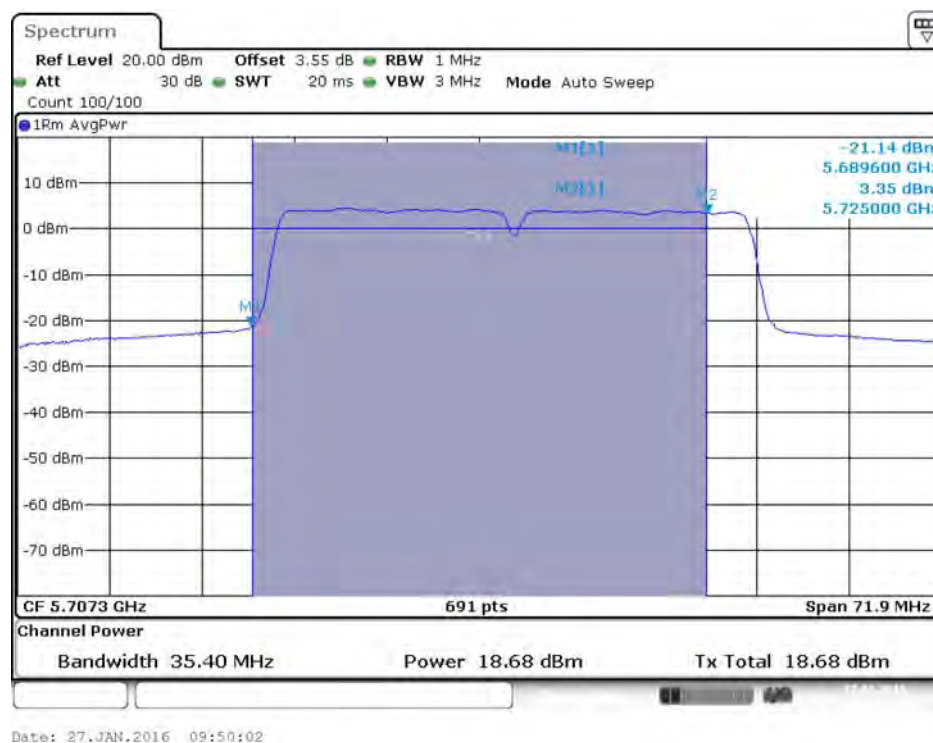


Date: 31.JAN.2016 10:54:46

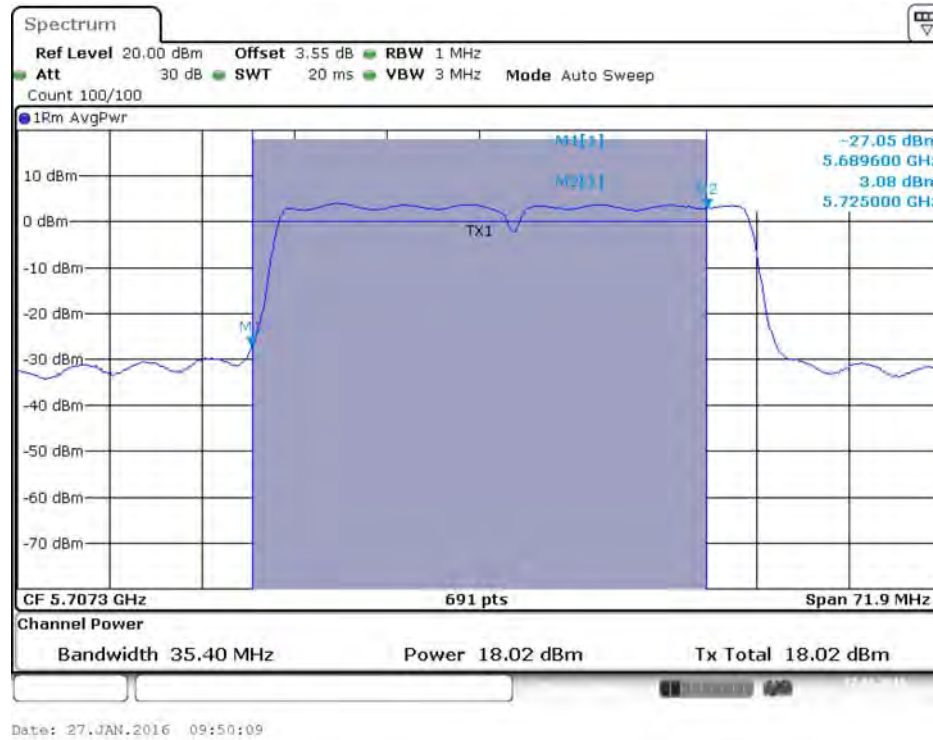
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



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



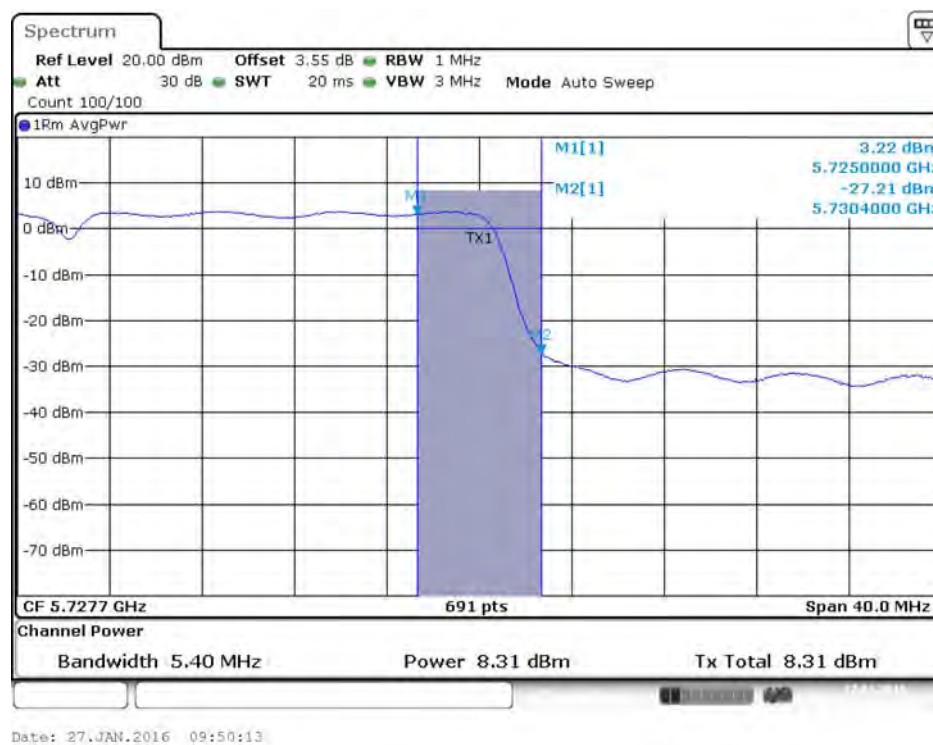
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



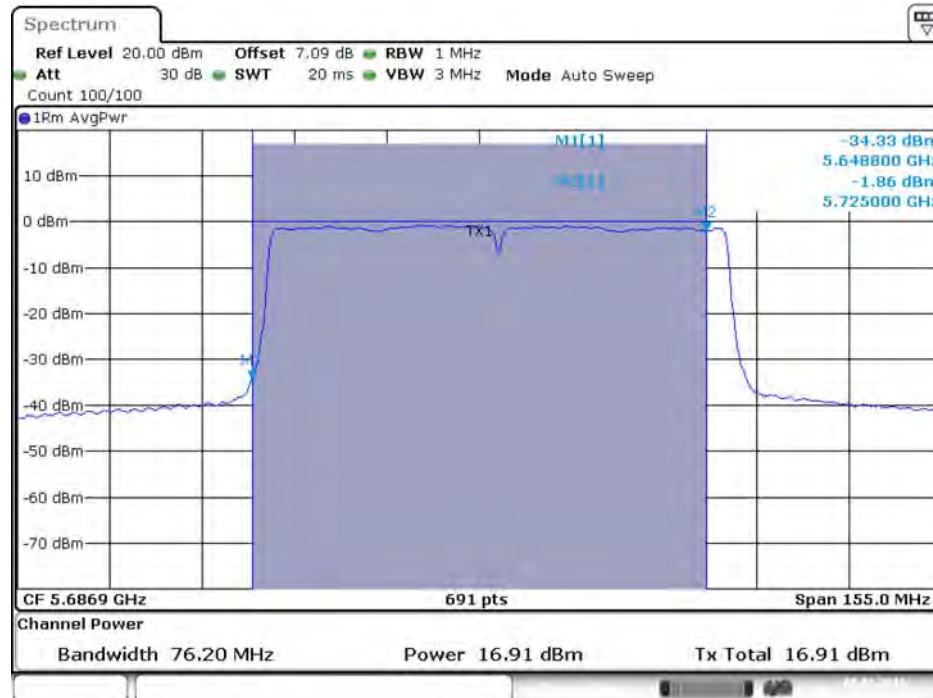
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



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

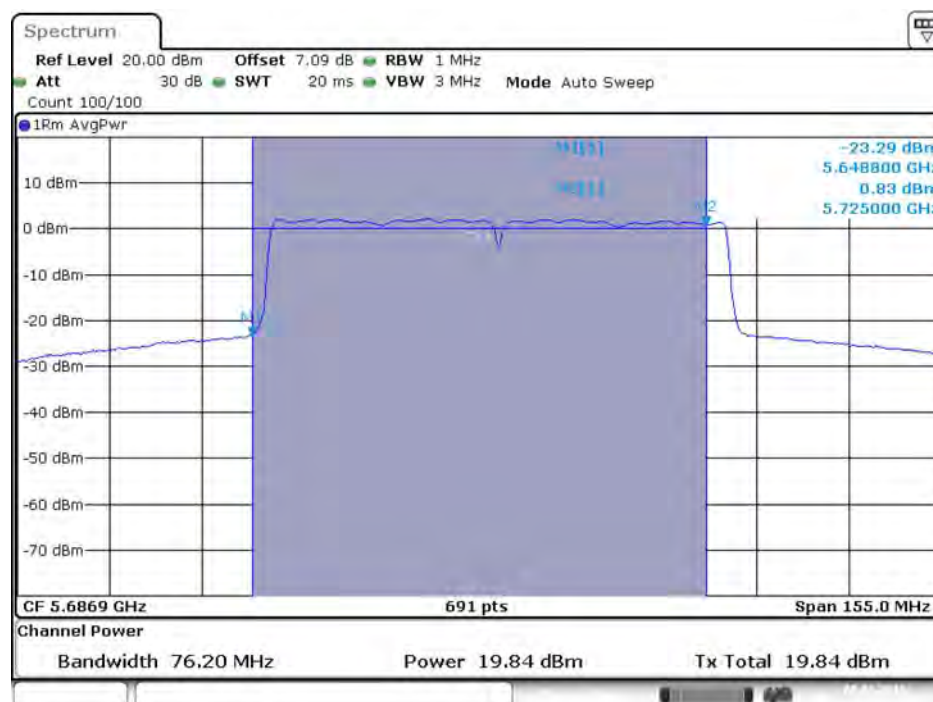


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



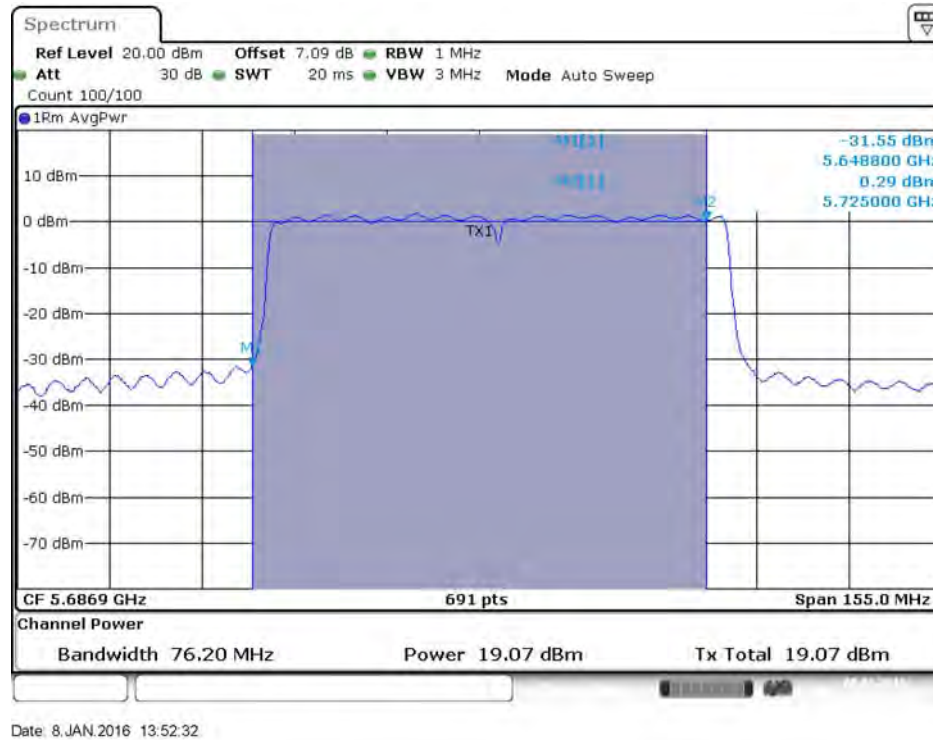
Date: 8.JAN.2016 13:52:18

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



Date: 8.JAN.2016 13:52:25

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 1 / 5690 MHz (UNII 3)



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 3)



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

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



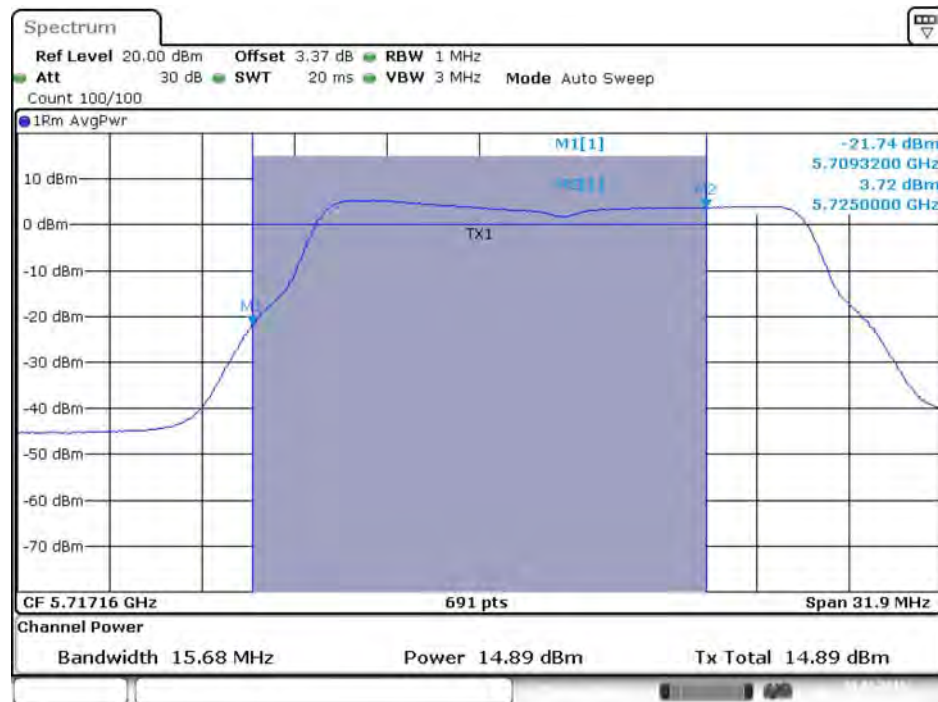
Date: 31.JAN.2016 11:18:01

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



Date: 31.JAN.2016 11:18:08

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



Date: 31.JAN.2016 11:18:15

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



Date: 31.JAN.2016 11:18:22

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



Date: 31.JAN.2016 11:18:05

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



Date: 31.JAN.2016 11:18:12

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



Date: 31.JAN.2016 11:18:19

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



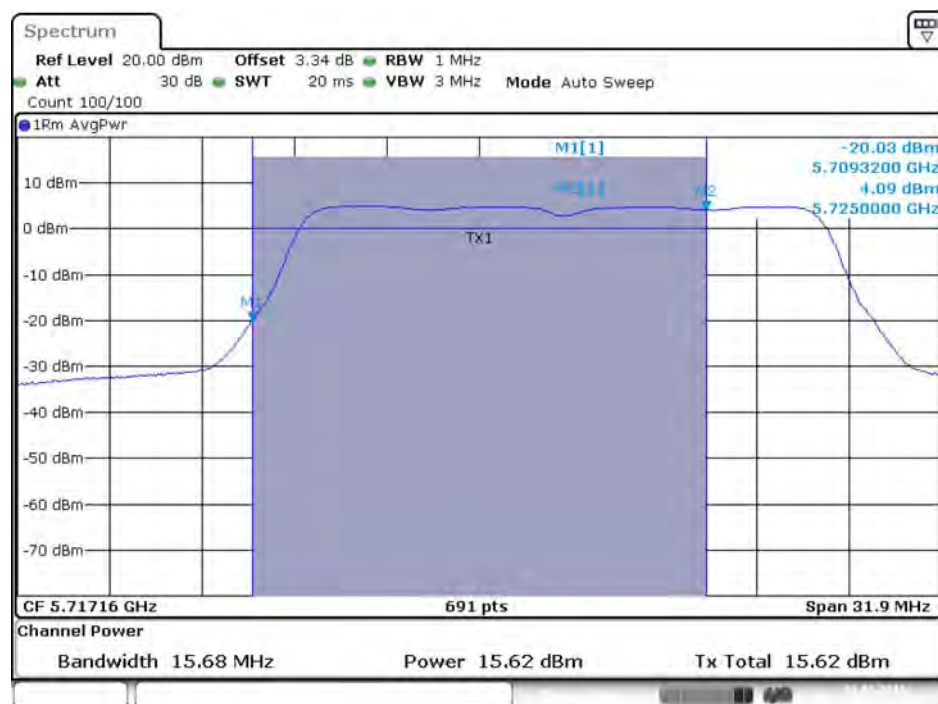
Date: 31.JAN.2016 11:18:26

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



Date: 31.JAN.2016 11:29:07

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



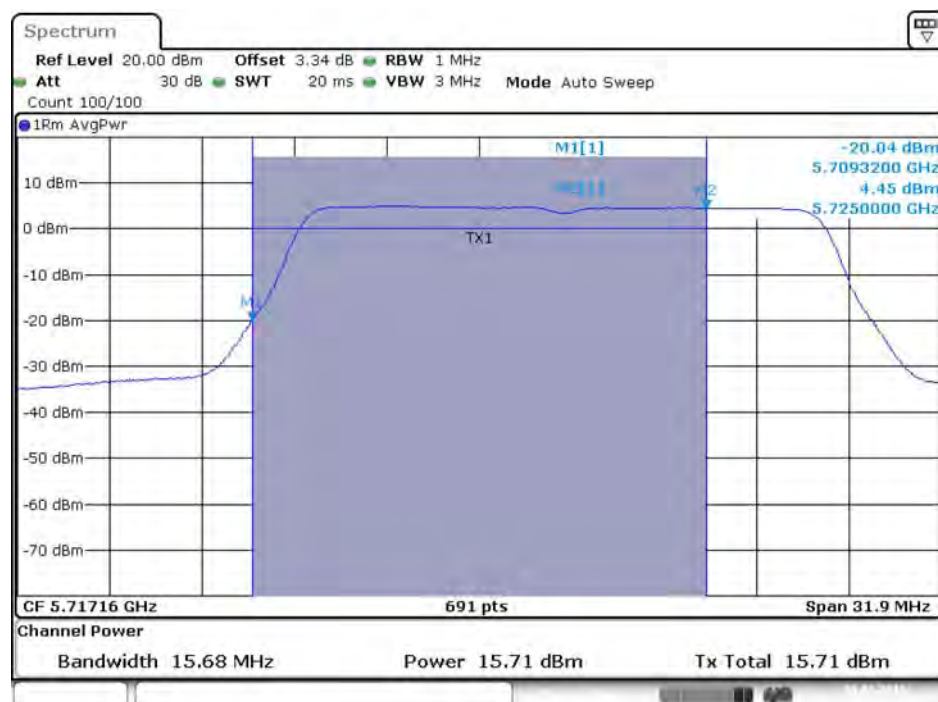
Date: 31.JAN.2016 11:29:14

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



Date: 31.JAN.2016 11:29:21

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

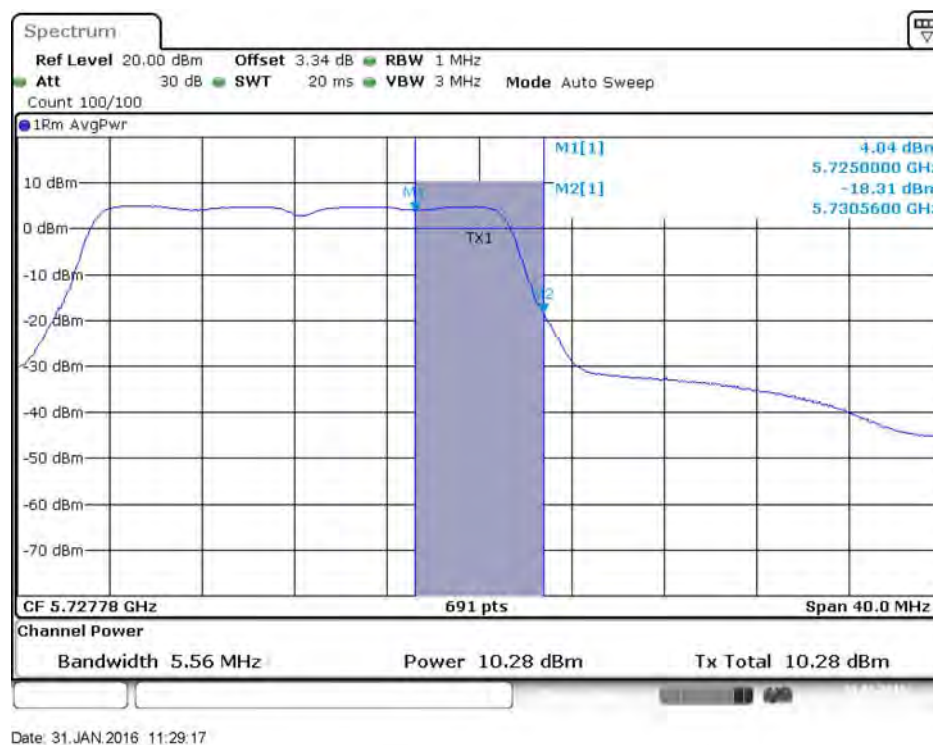


Date: 31.JAN.2016 11:29:28

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 3)

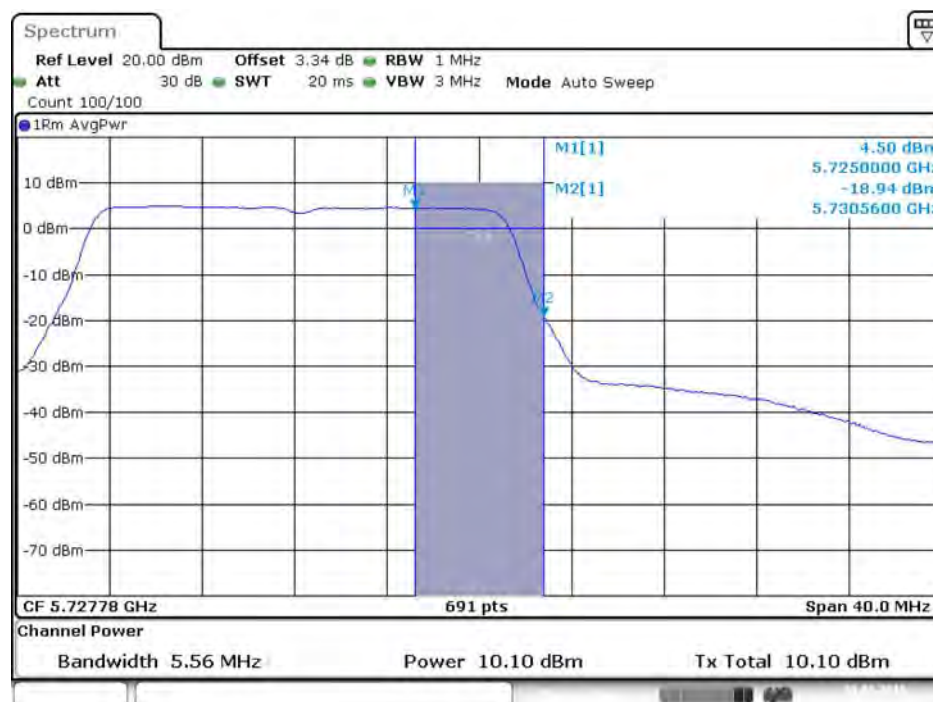


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



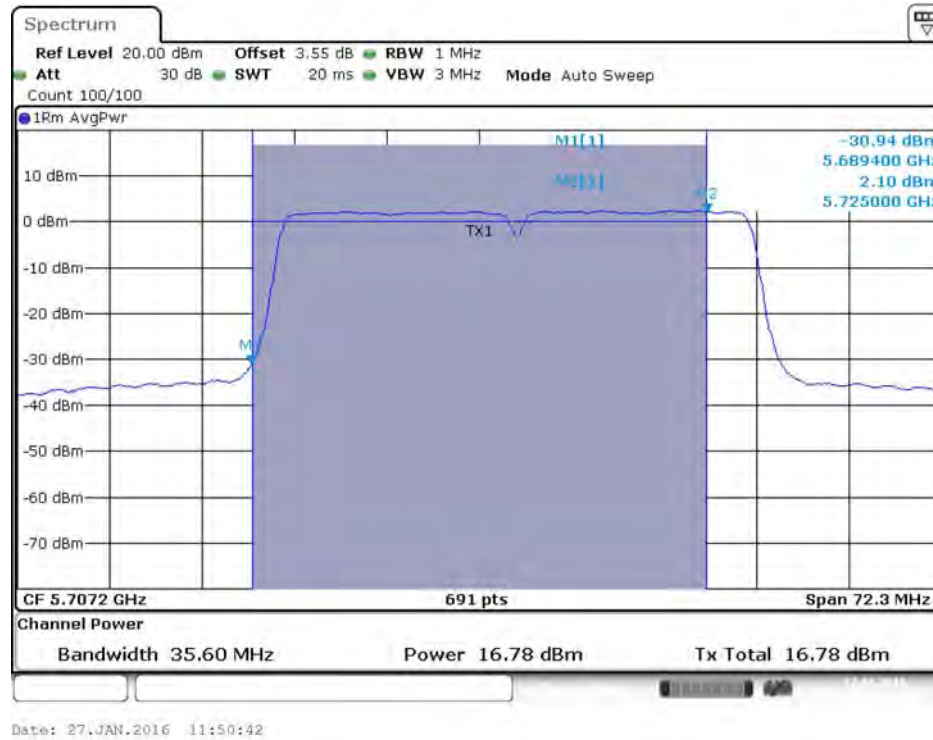
Date: 31.JAN.2016 11:29:24

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

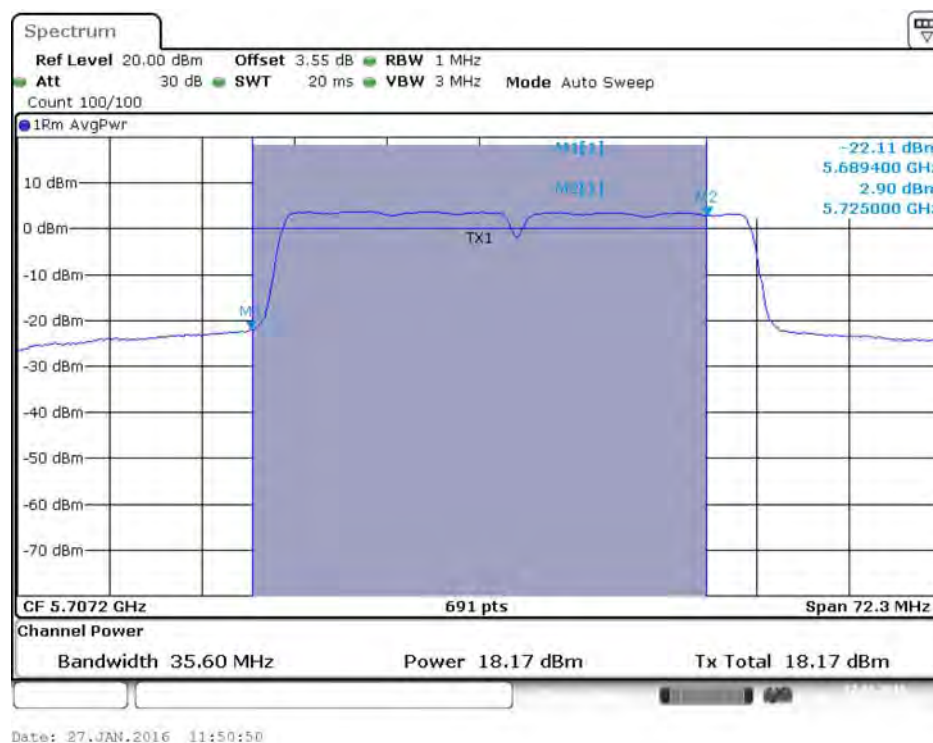


Date: 31.JAN.2016 11:29:32

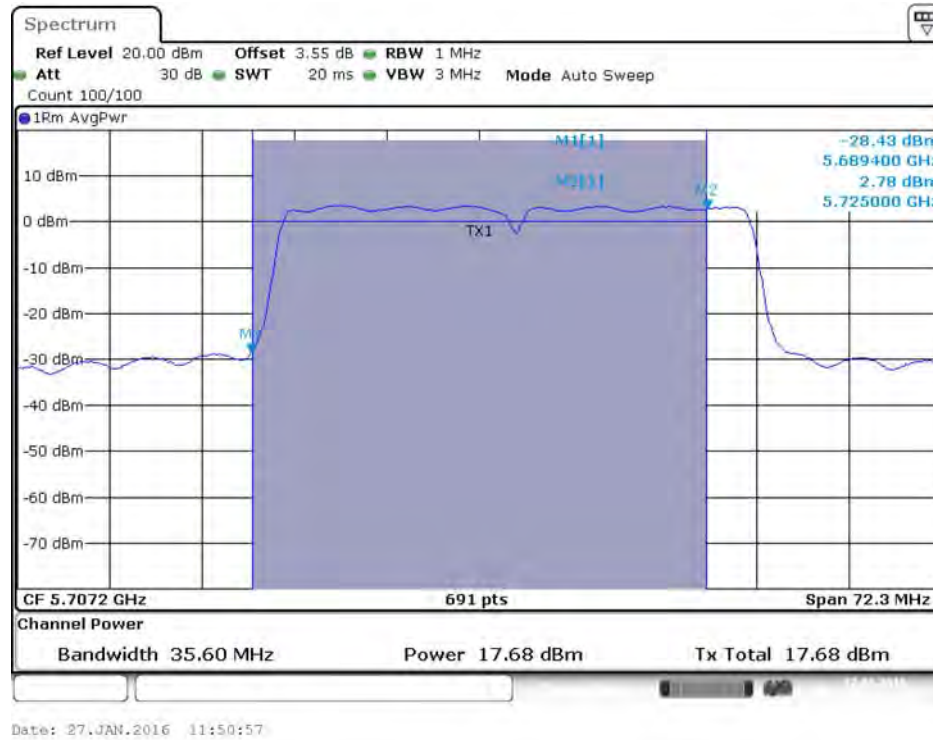
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



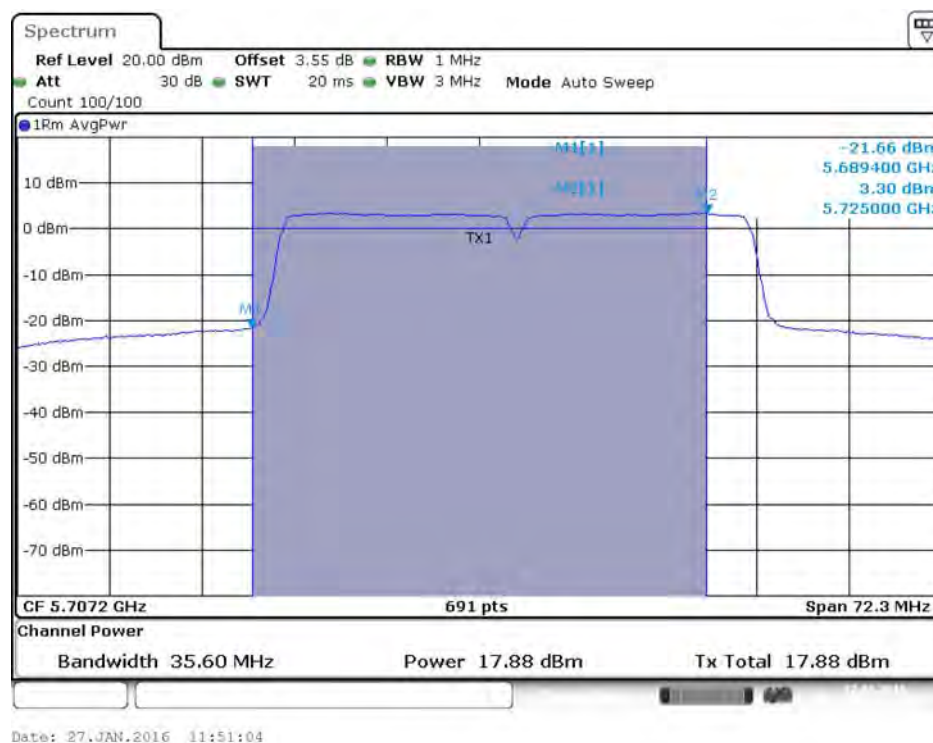
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



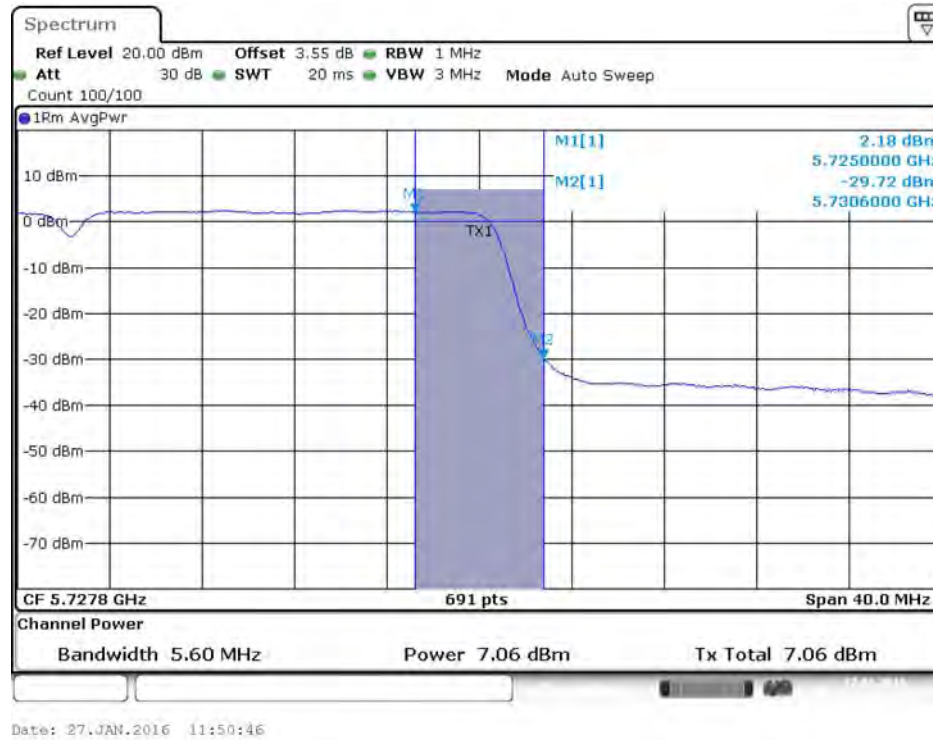
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



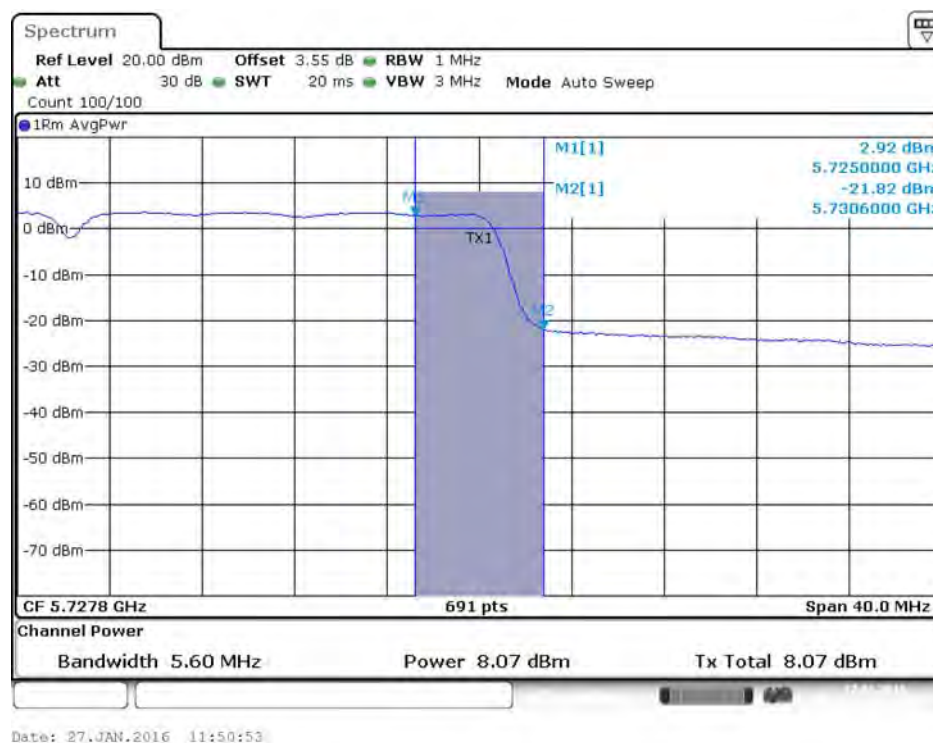
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



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



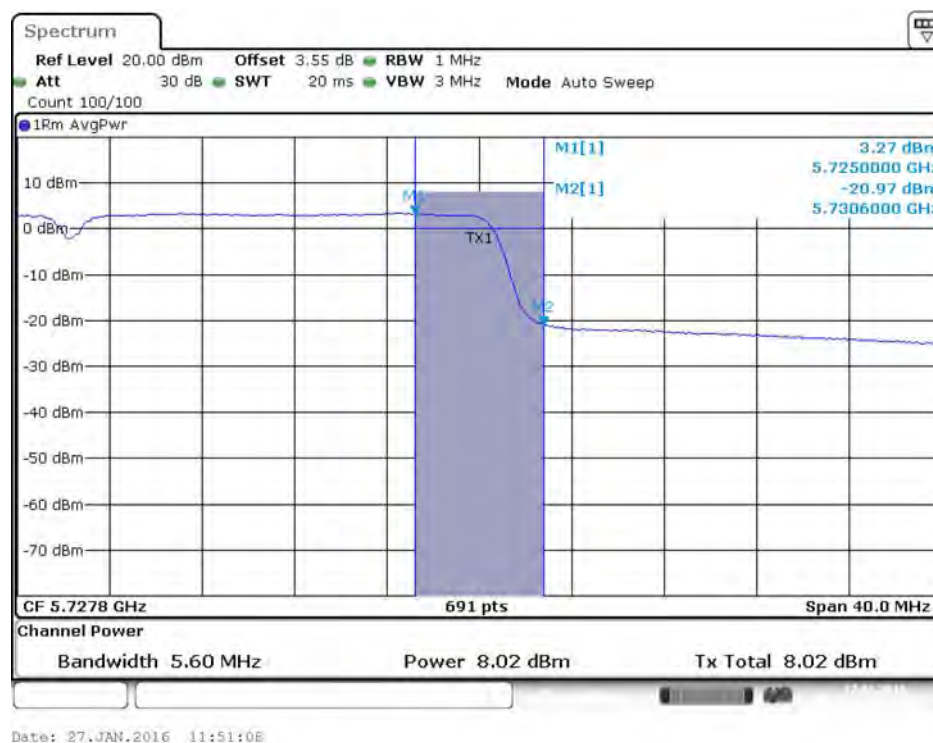
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



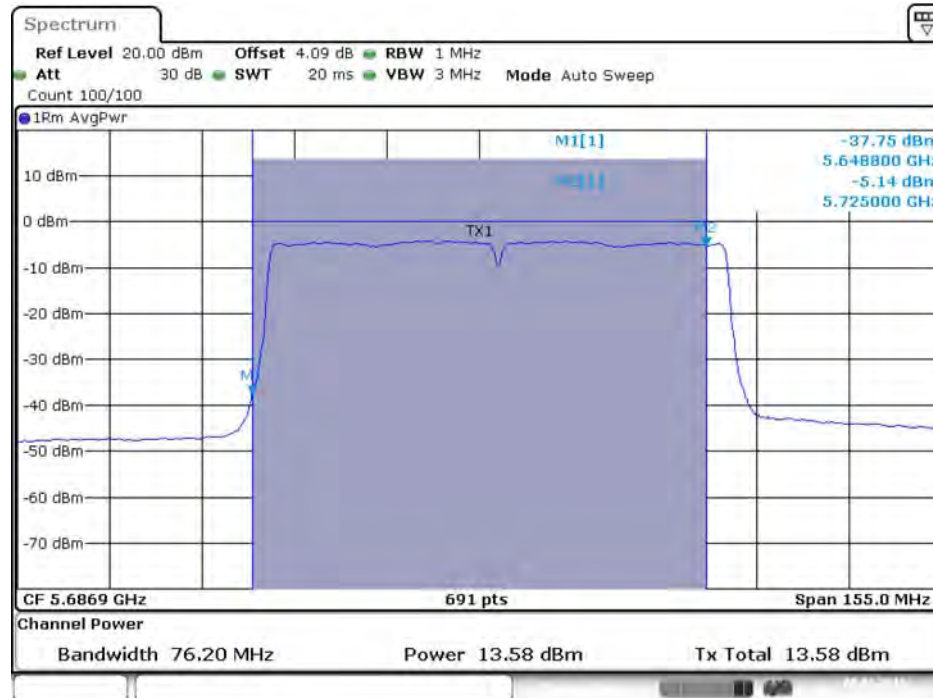
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)



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

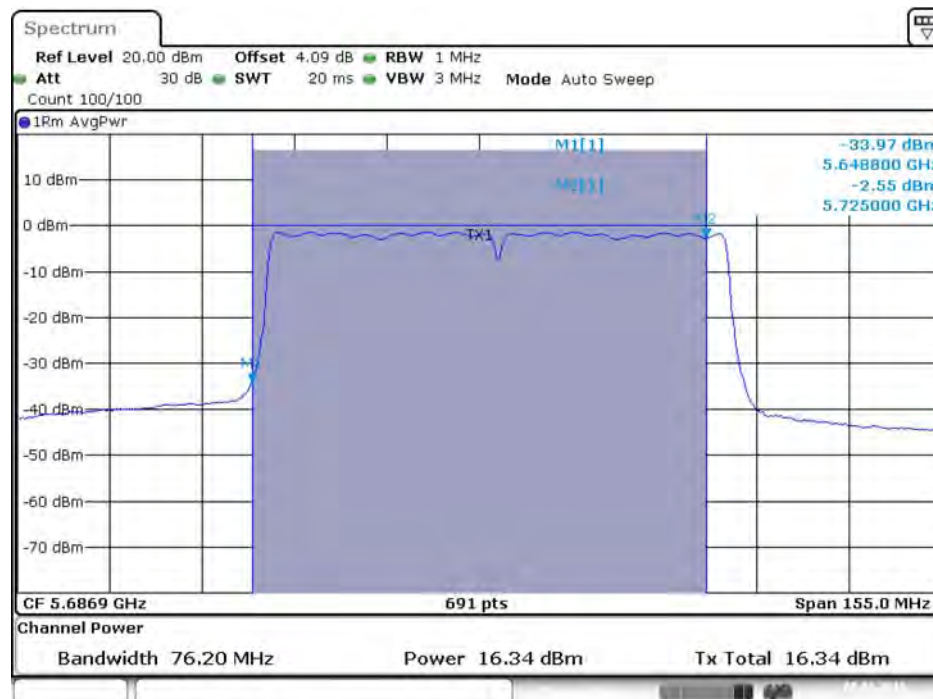


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



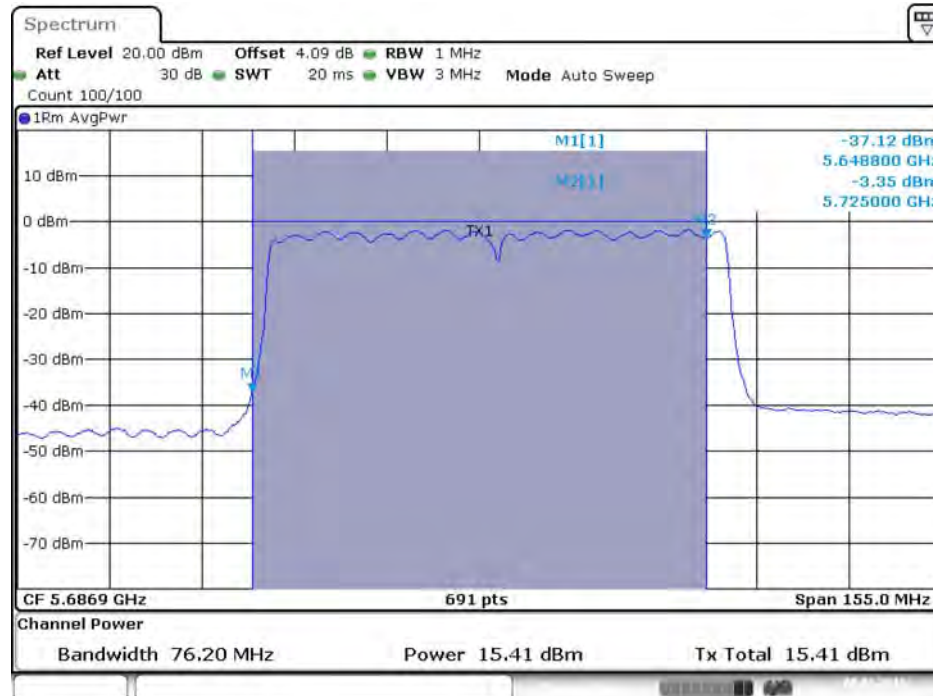
Date: 8.JAN.2016 15:24:32

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



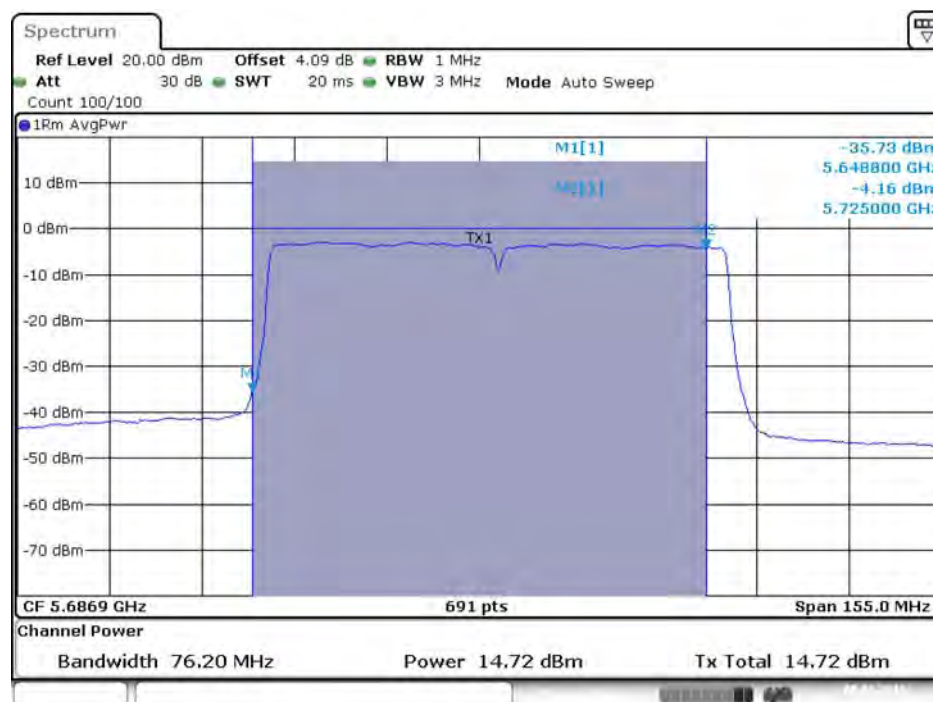
Date: 8.JAN.2016 15:24:39

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



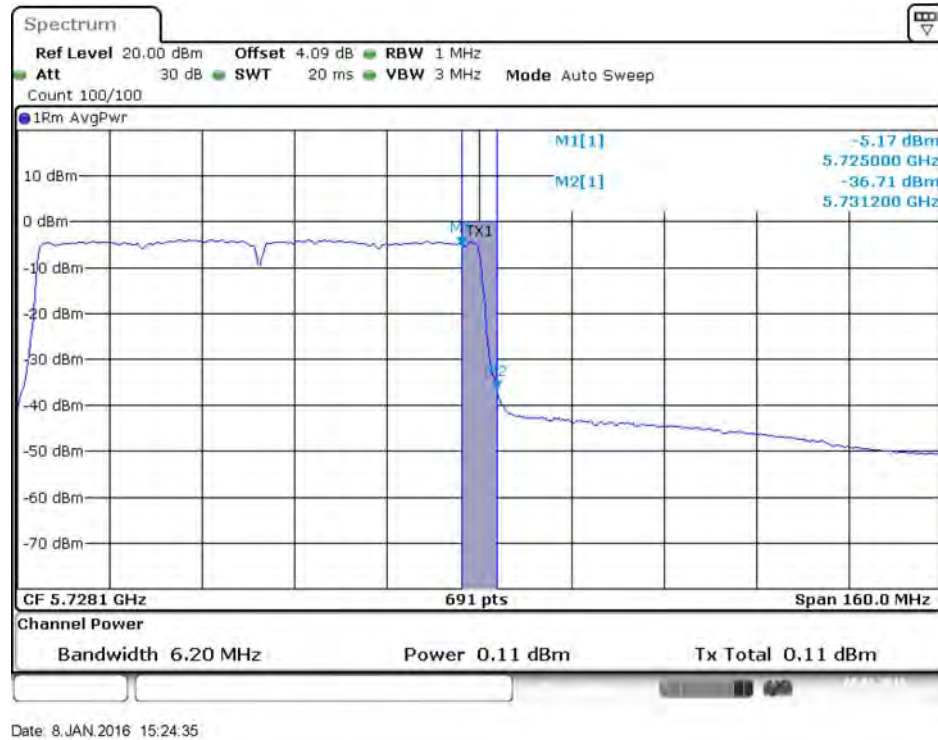
Date: 8.JAN.2016 15:24:46

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

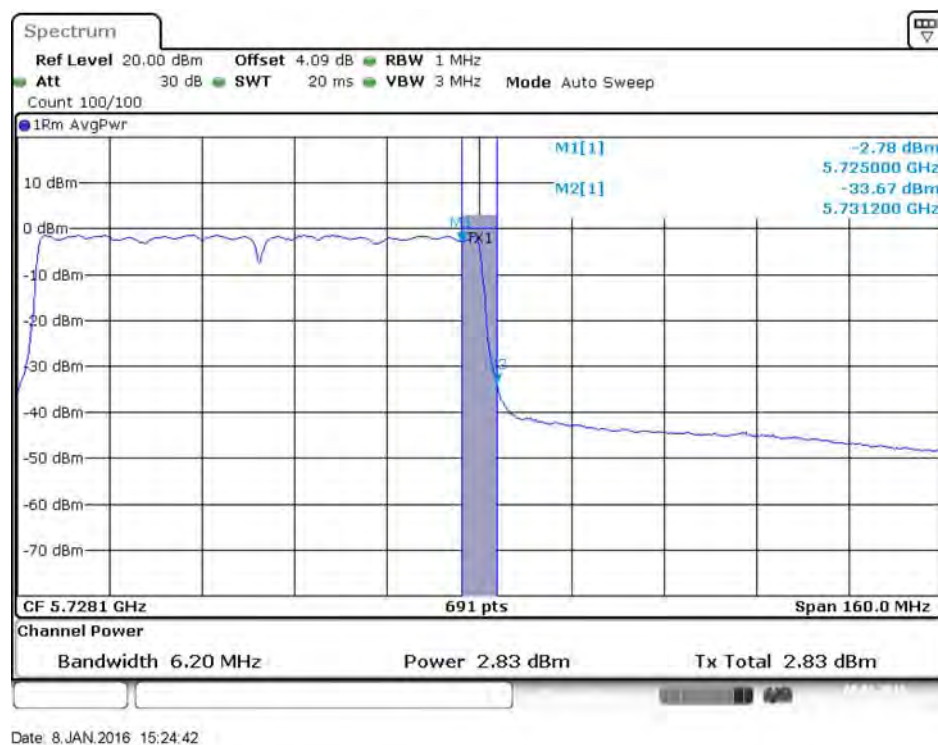


Date: 8.JAN.2016 15:24:53

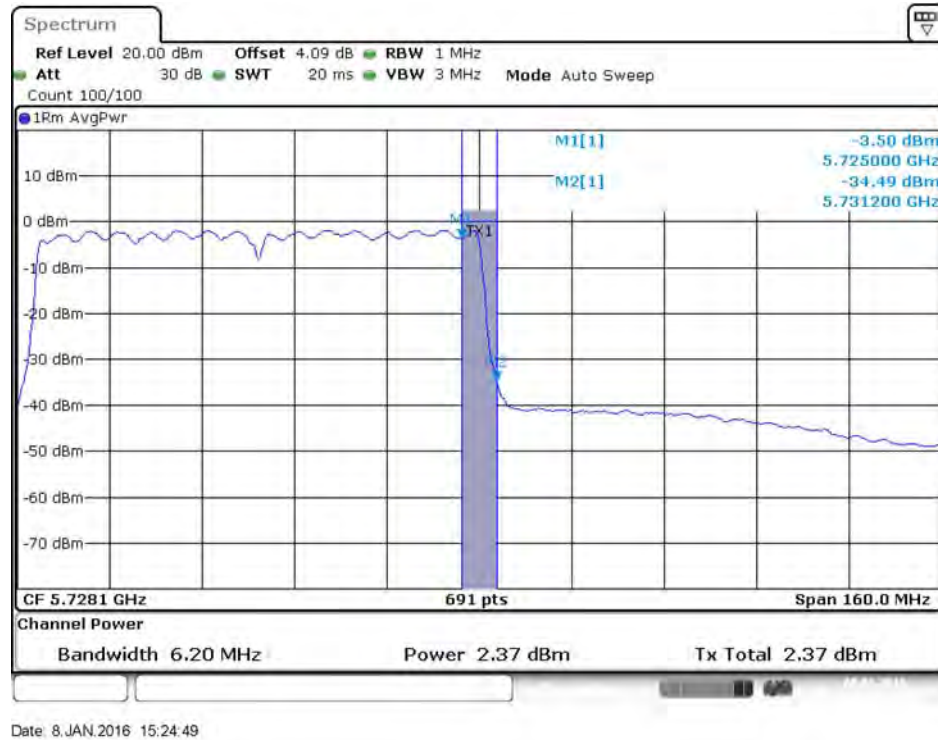
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



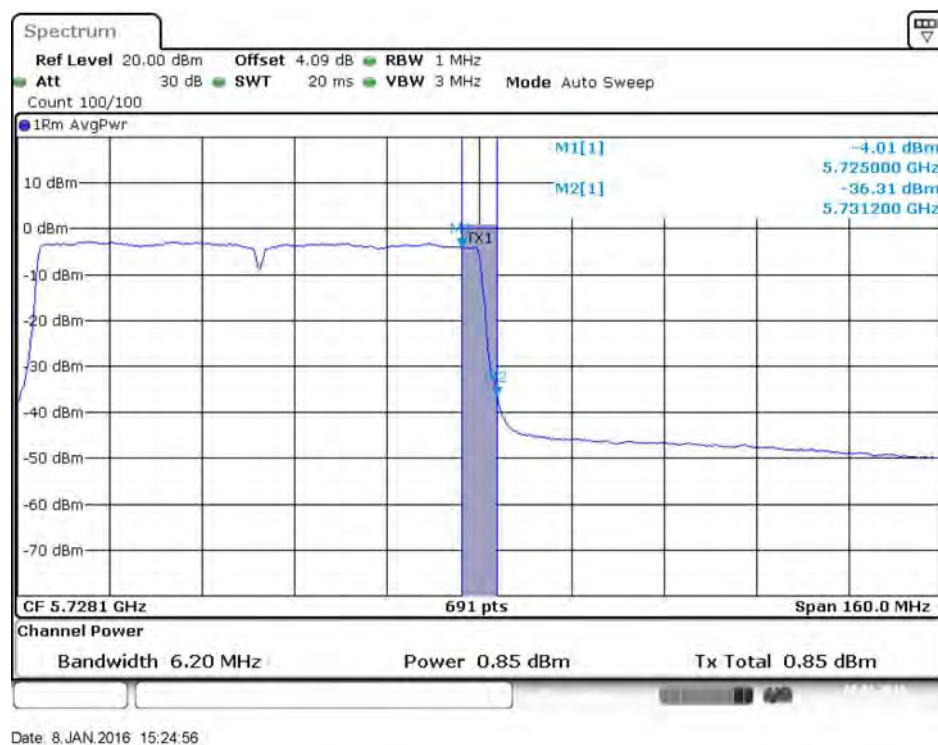
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



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

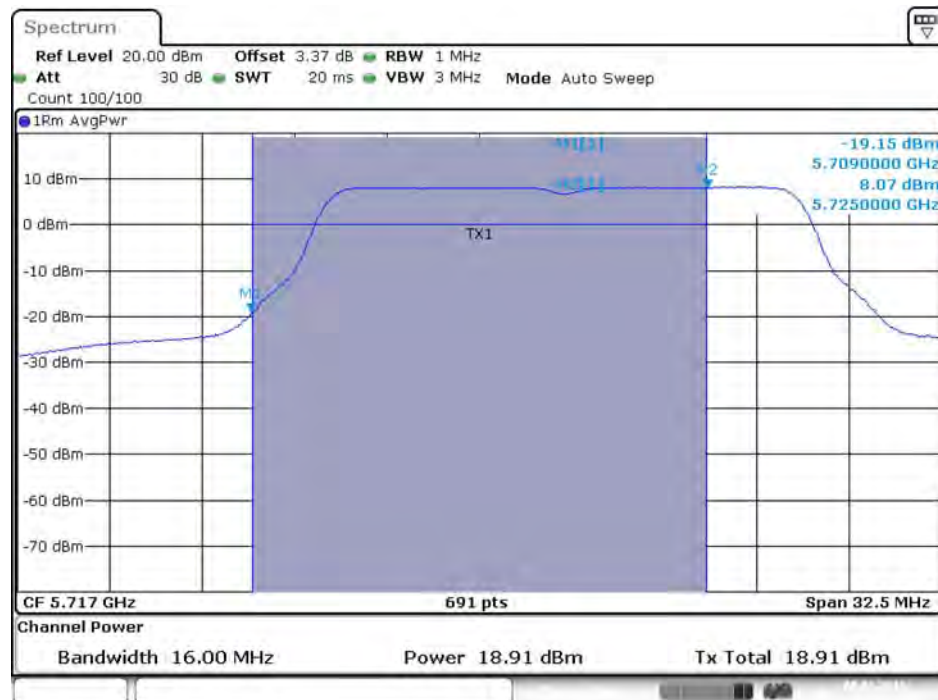


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



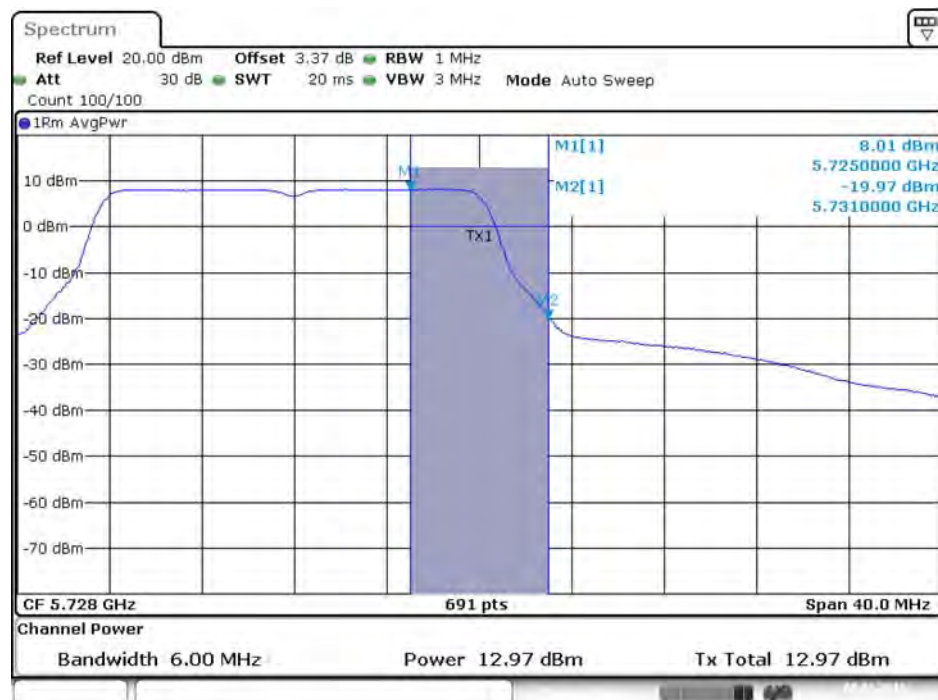
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 1TX)

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



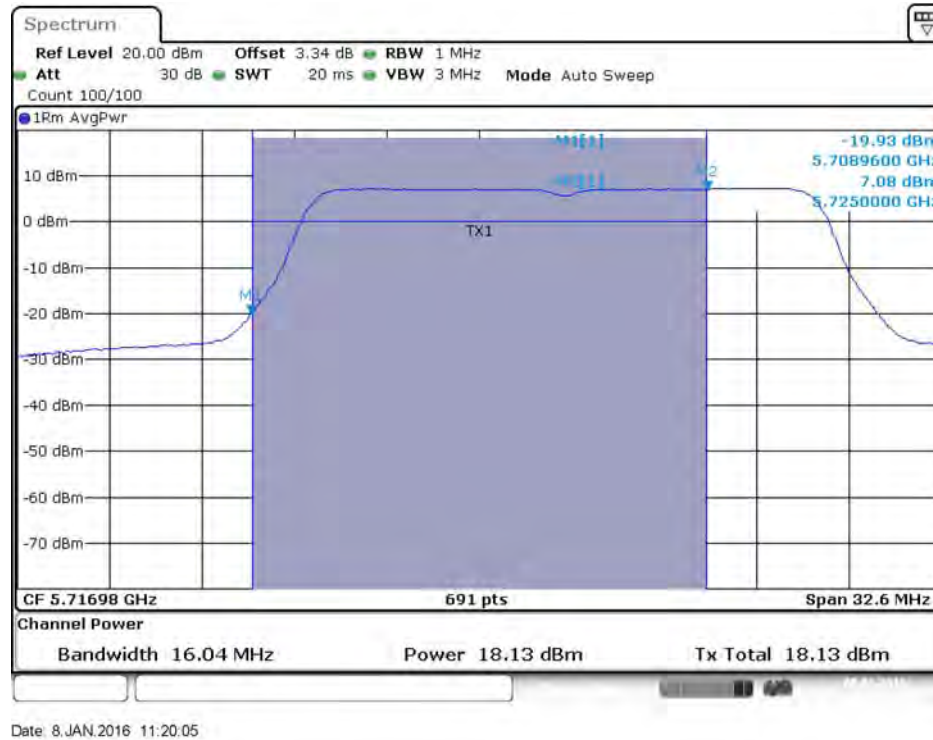
Date: 8.JAN.2016 11:12:36

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

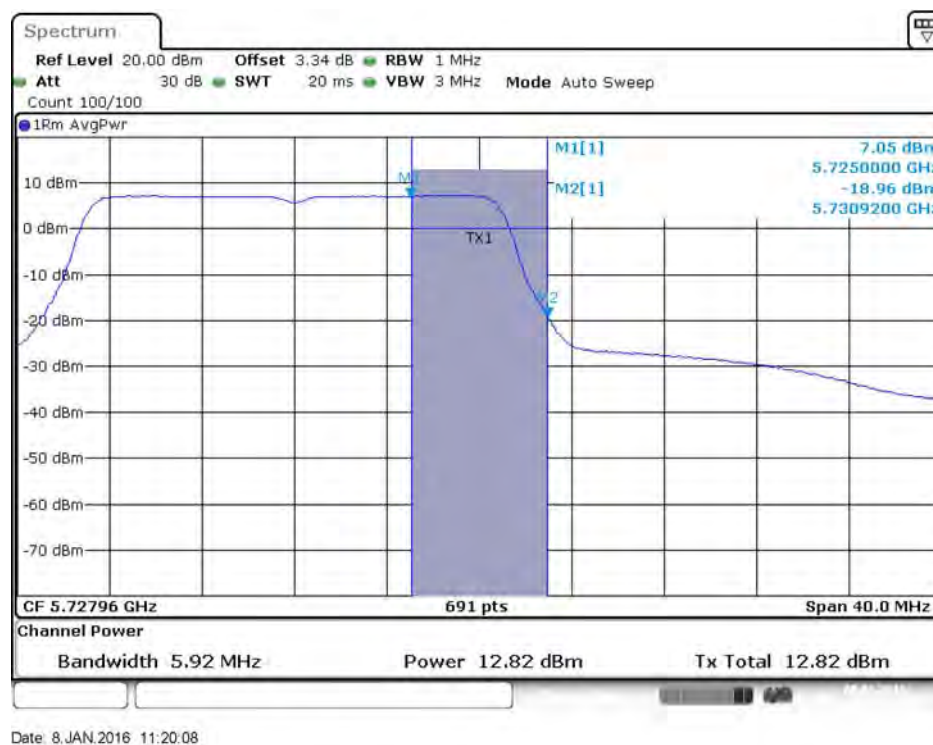


Date: 8.JAN.2016 11:12:39

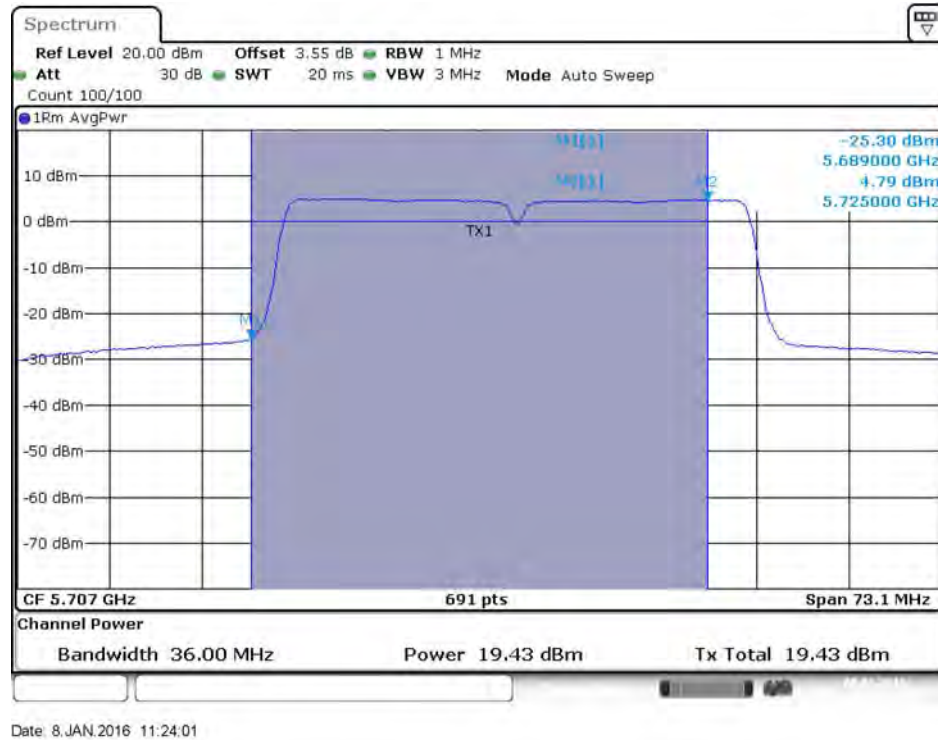
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



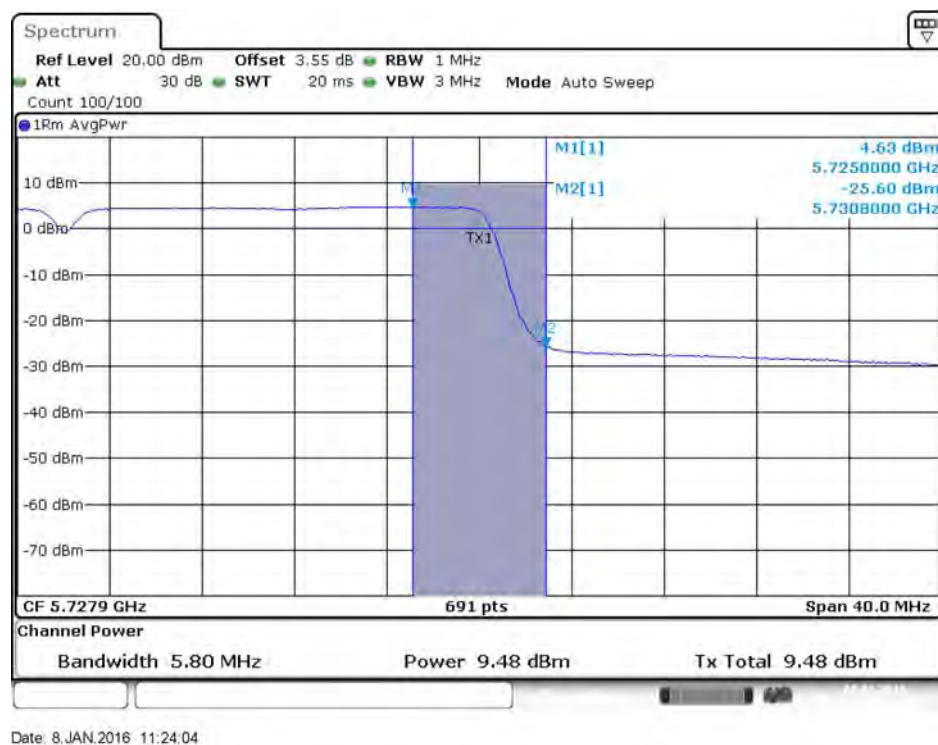
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



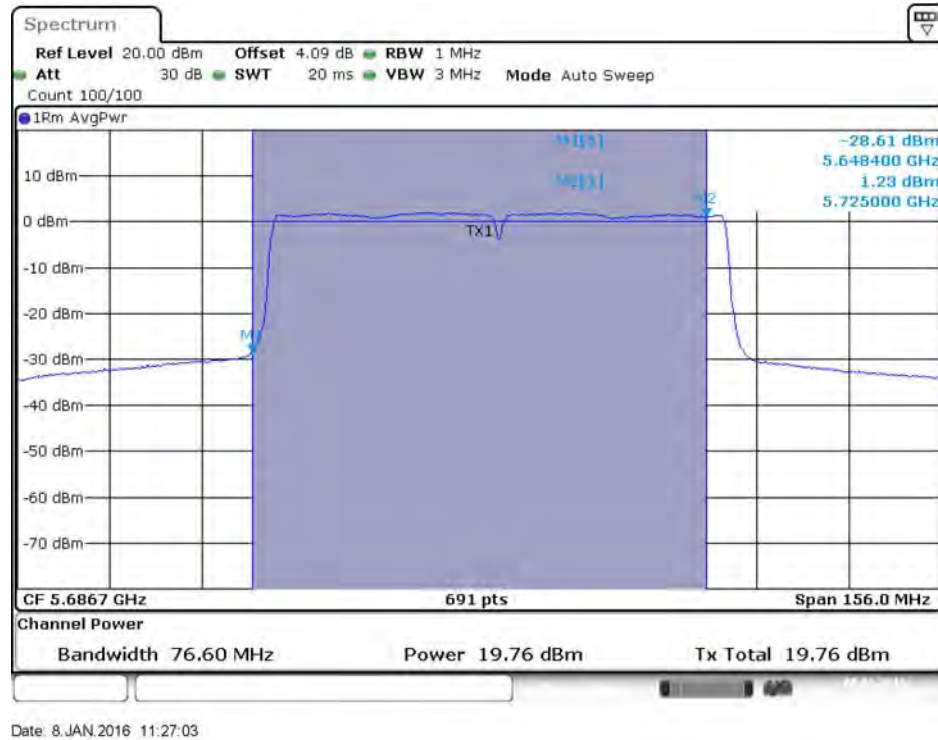
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



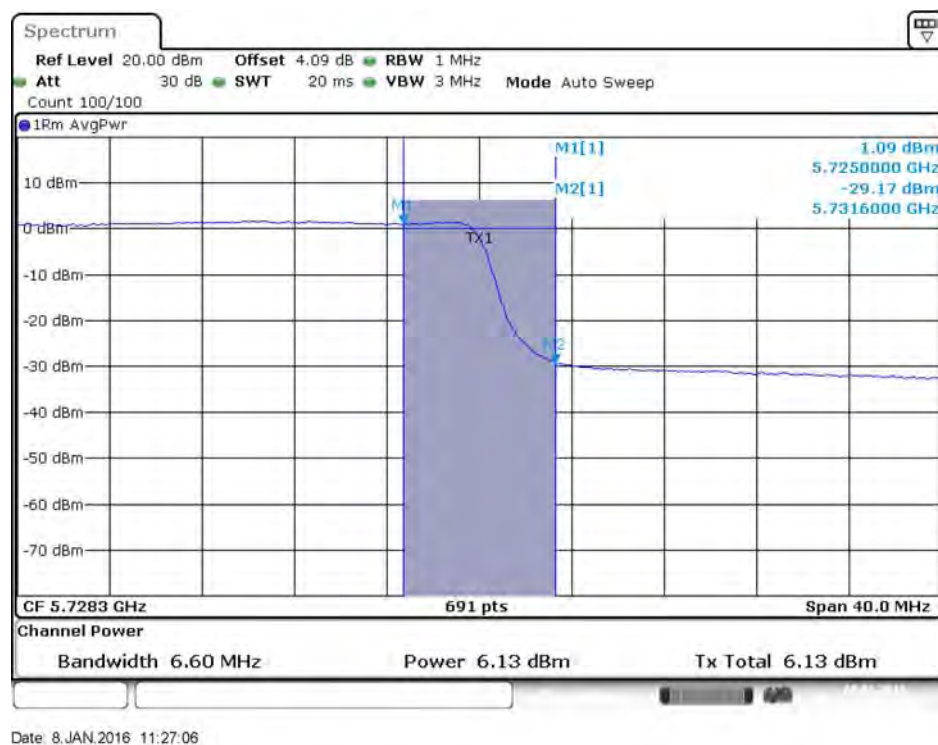
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



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

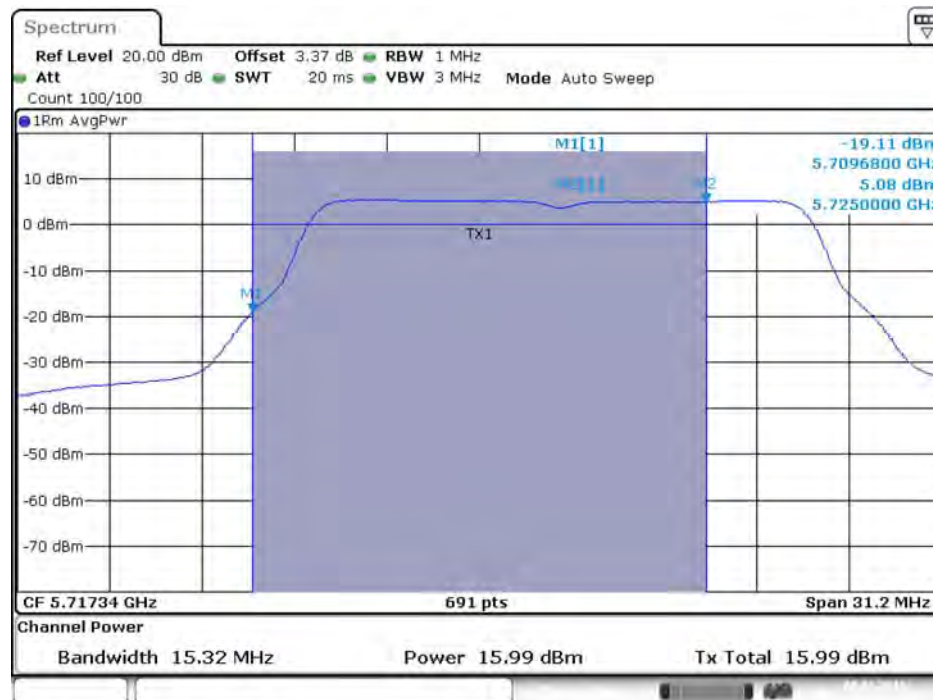


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



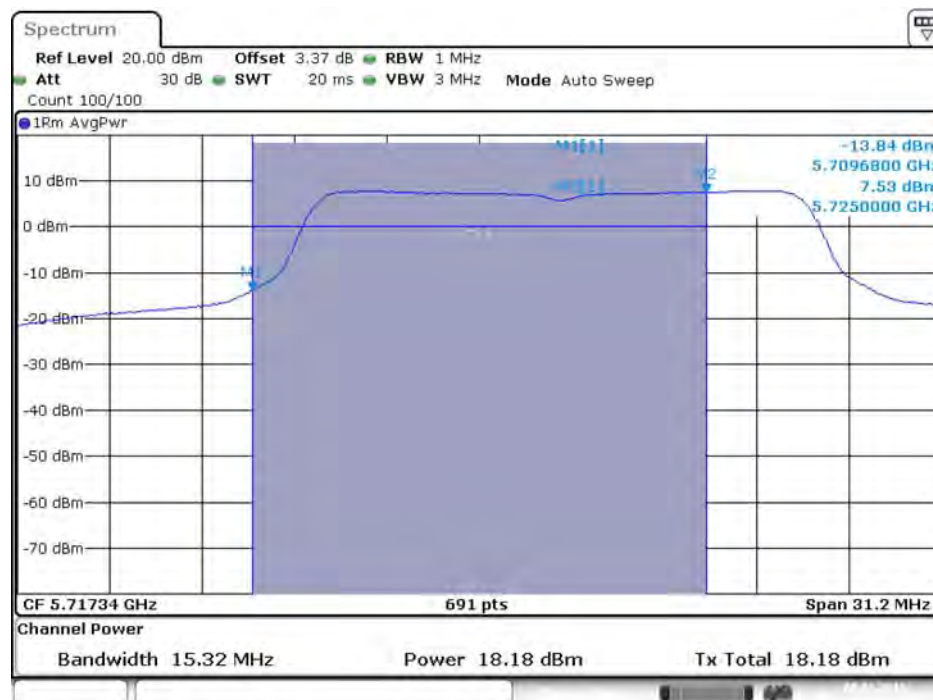
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 2TX)

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



Date: 8.JAN.2016 11:49:35

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



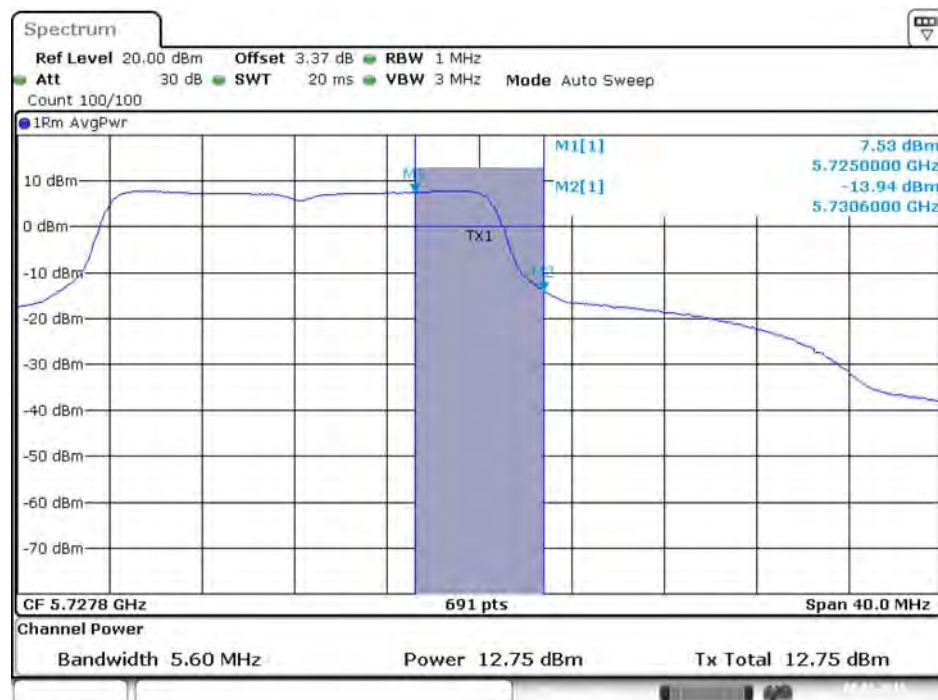
Date: 8.JAN.2016 11:49:43

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



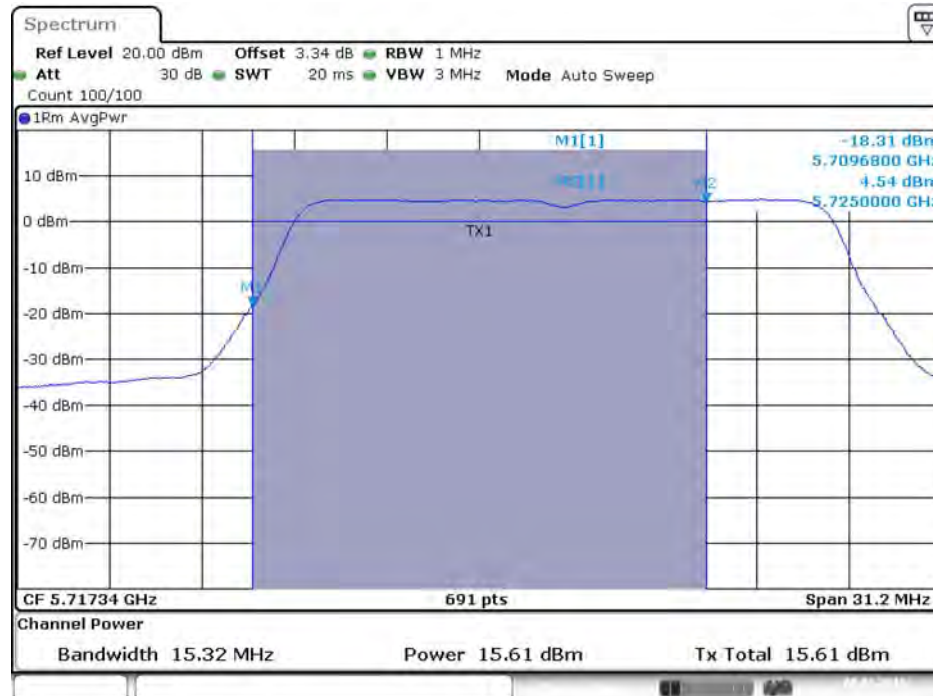
Date: 8.JAN.2016 11:49:39

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



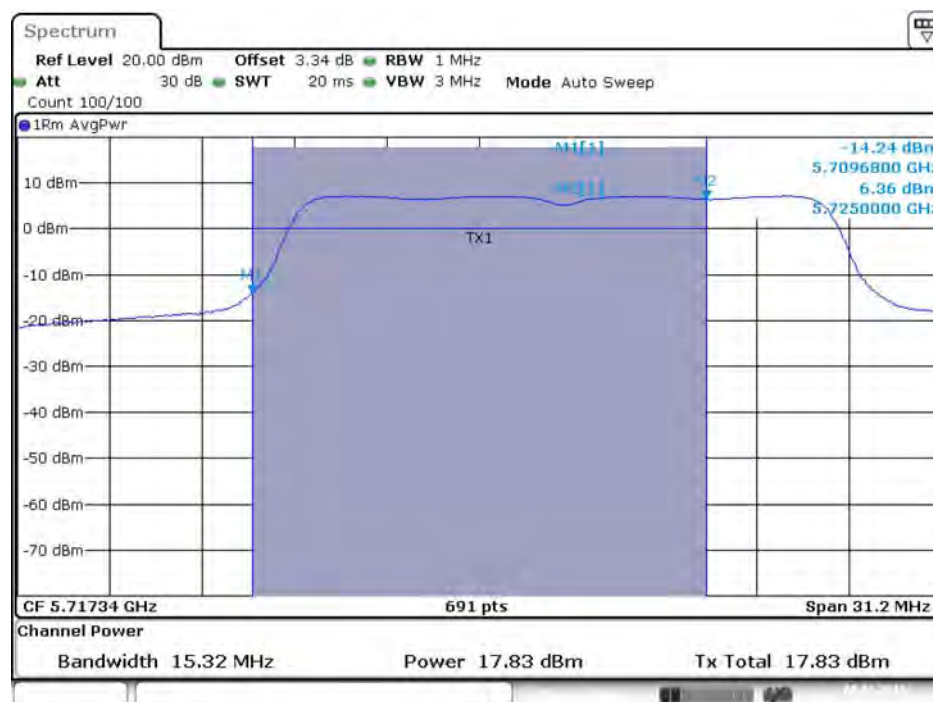
Date: 8.JAN.2016 11:49:46

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



Date: 8.JAN.2016 11:54:21

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

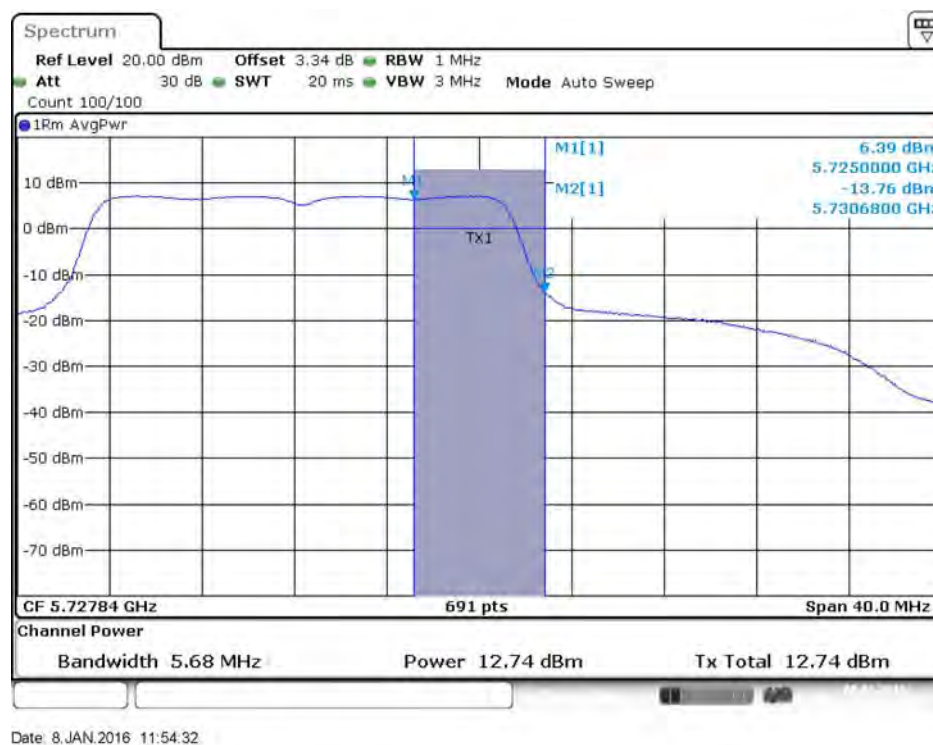


Date: 8.JAN.2016 11:54:28

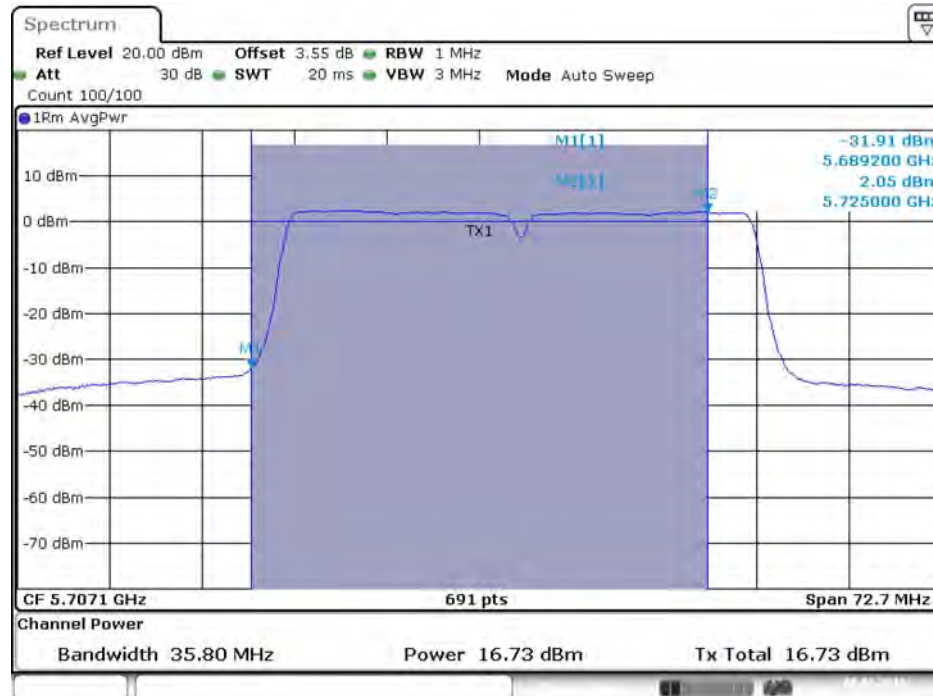
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



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

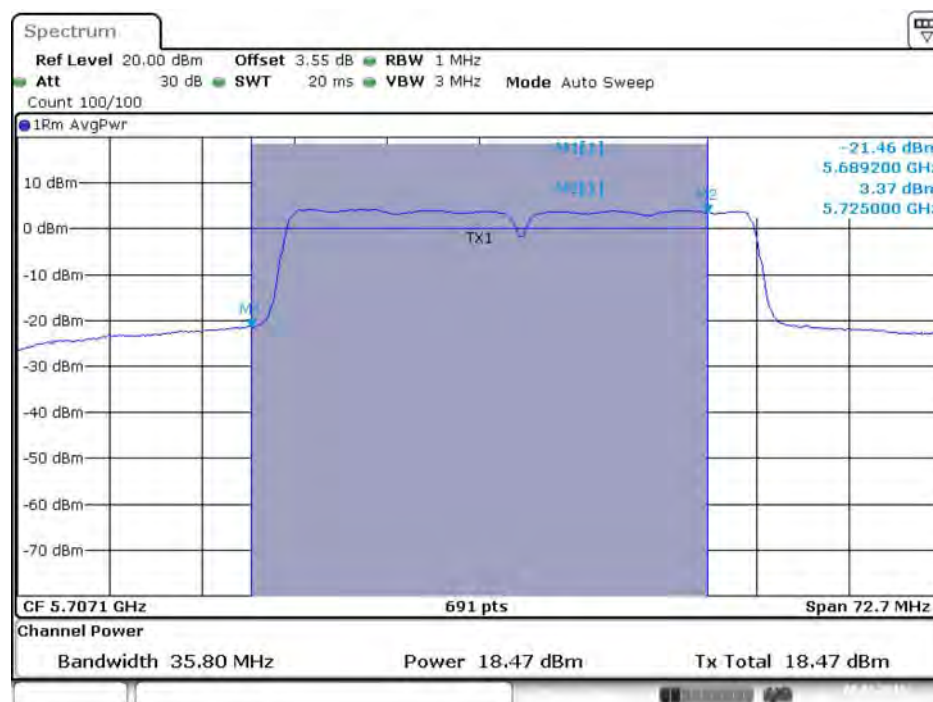


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



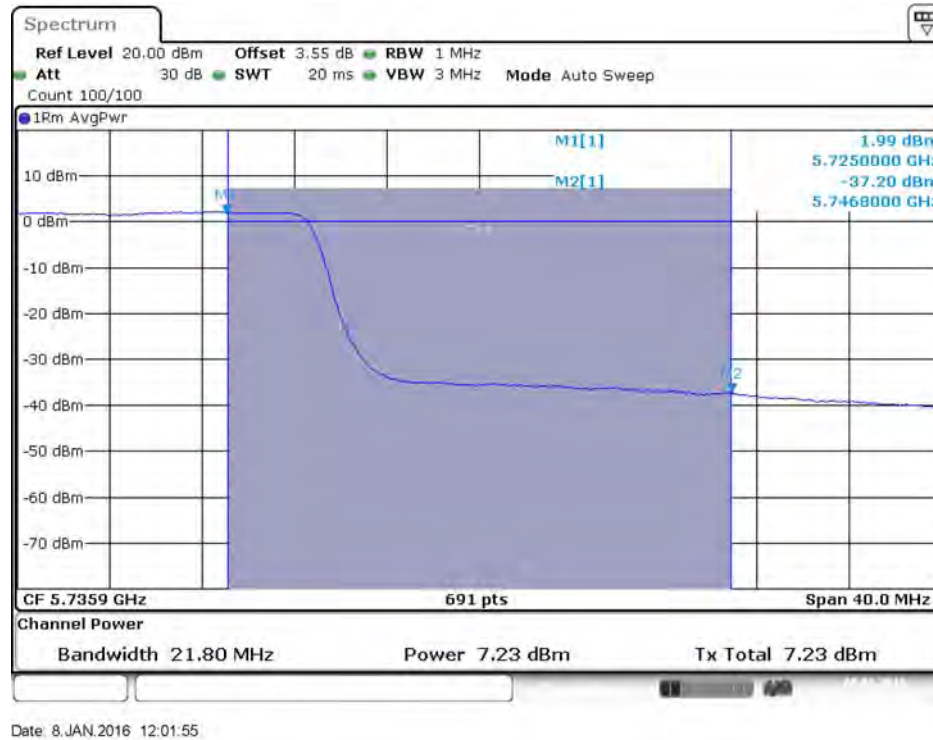
Date: 8.JAN.2016 12:01:52

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

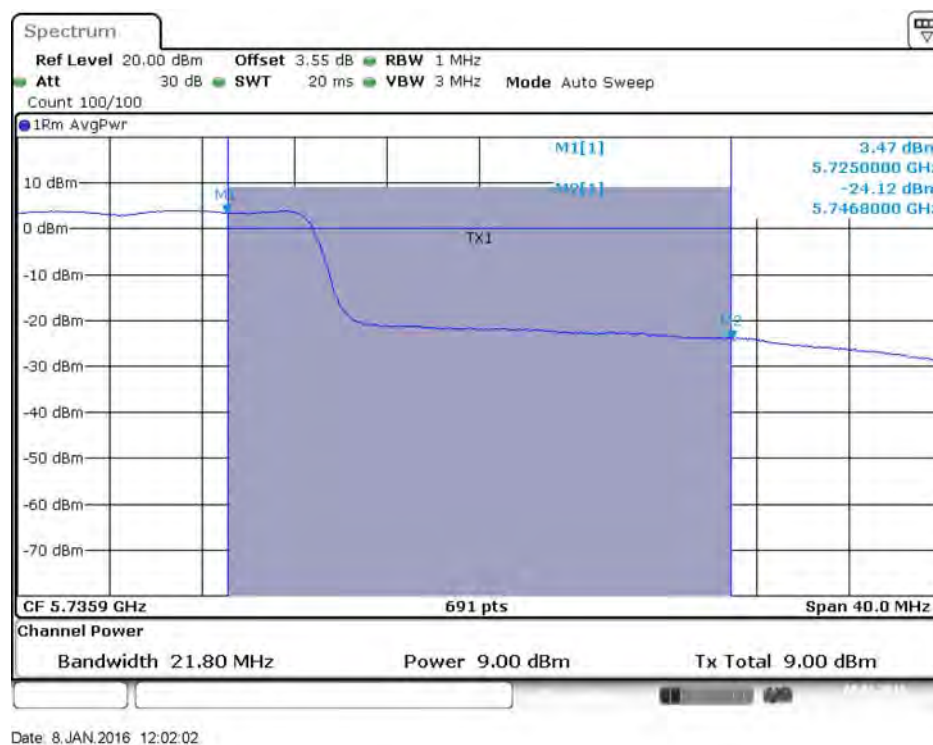


Date: 8.JAN.2016 12:01:59

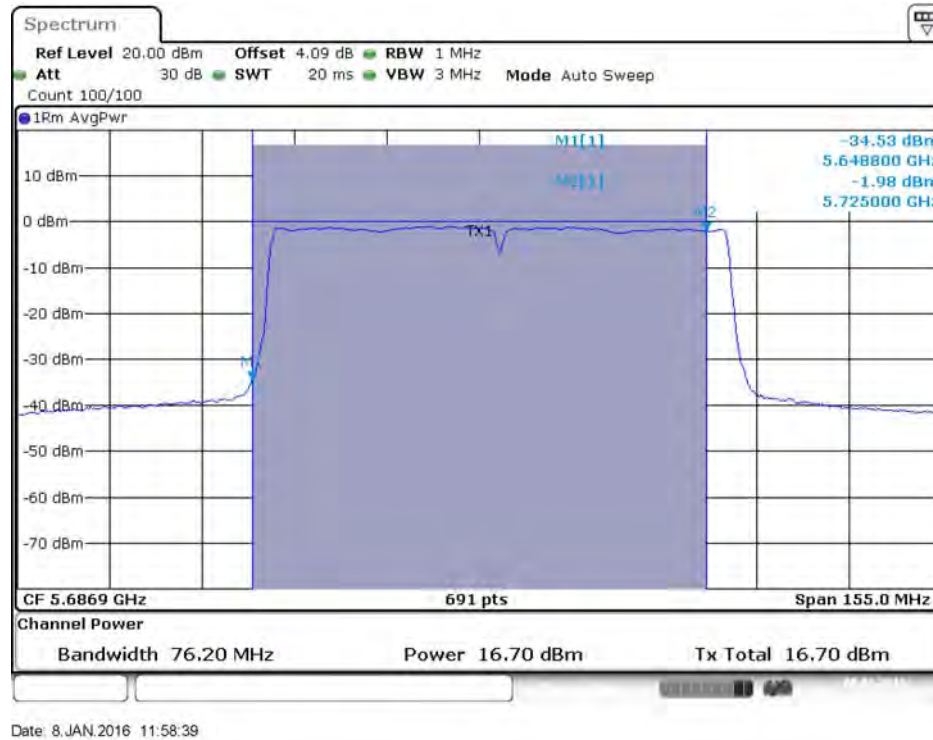
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



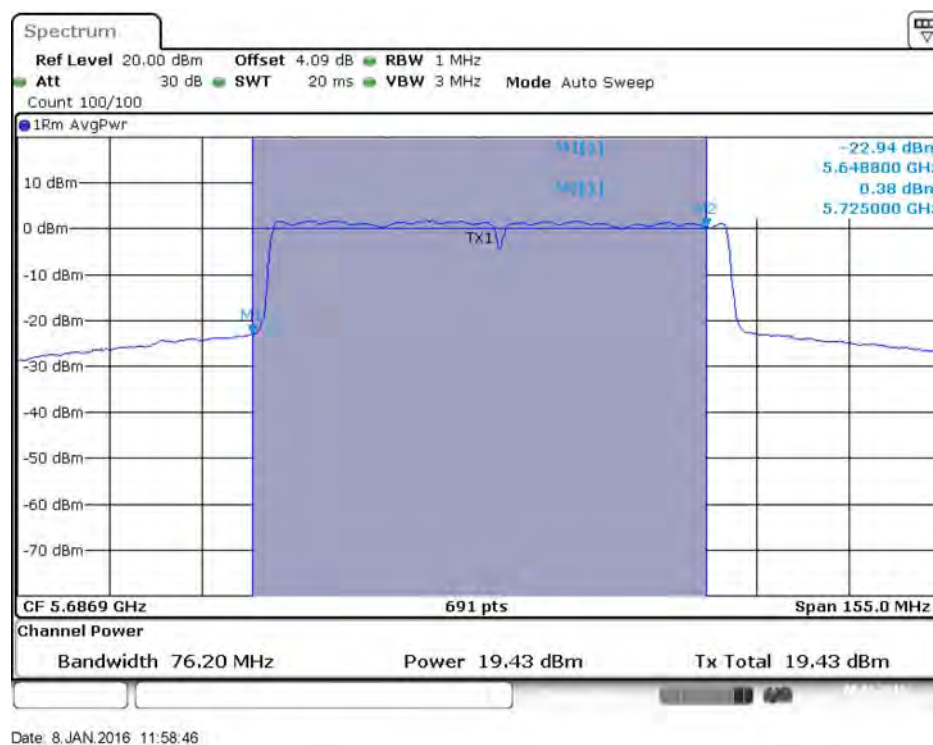
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



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



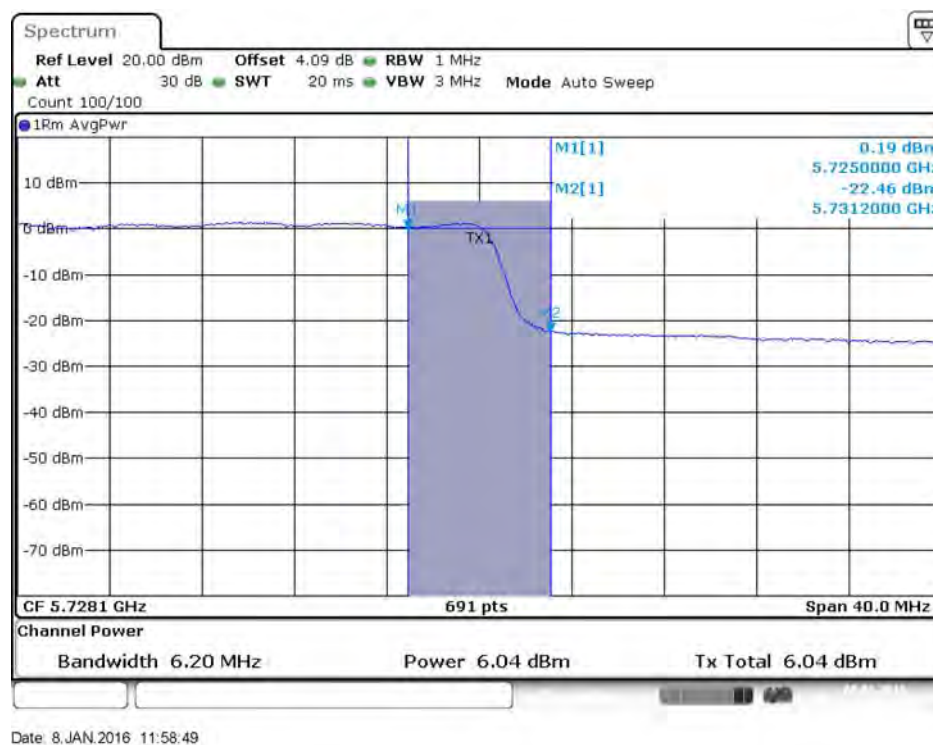
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



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

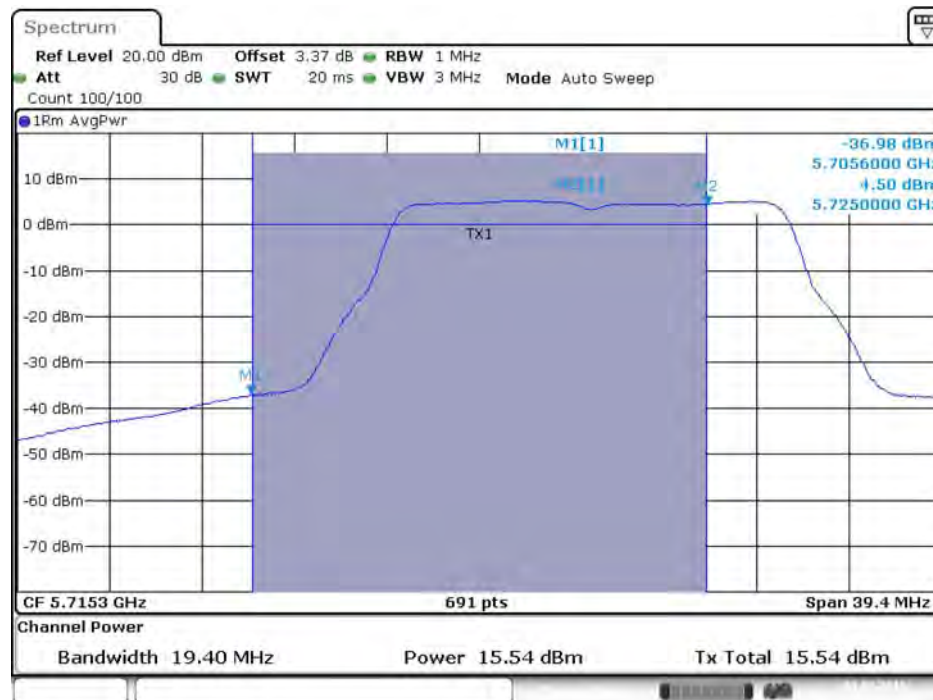


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



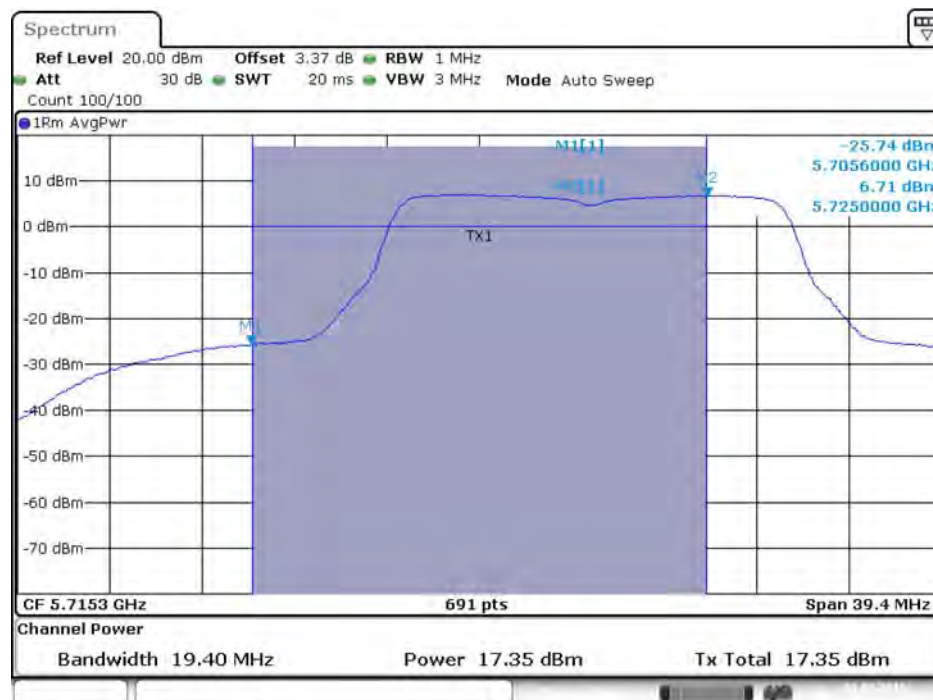
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 3TX)

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



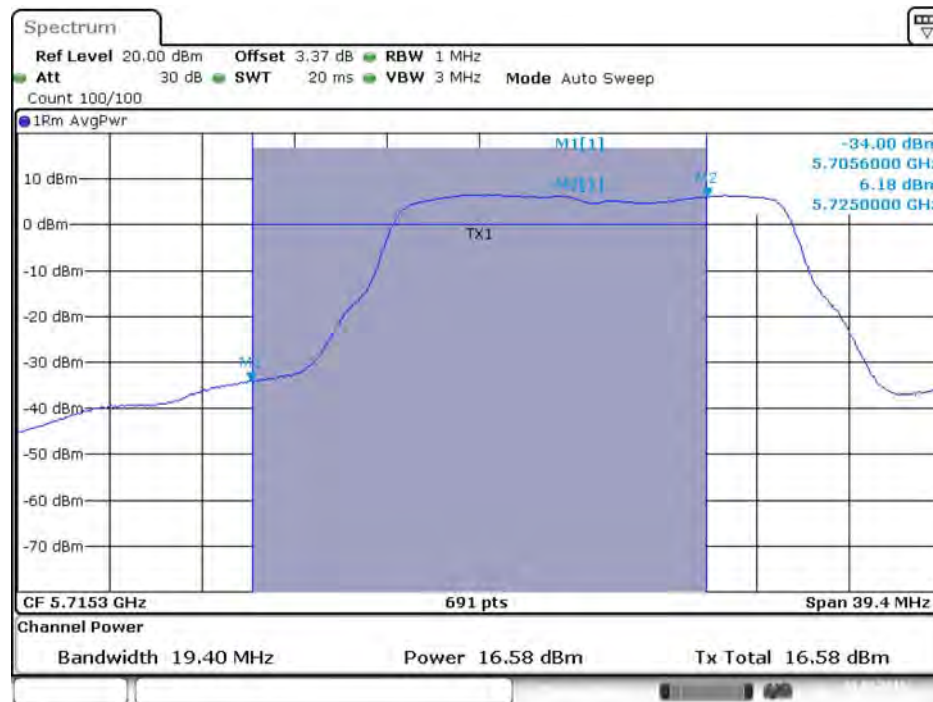
Date: 1.MAR.2016 20:25:44

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



Date: 1.MAR.2016 20:25:51

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



Date: 1.MAR.2016 20:25:59

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



Date: 1.MAR.2016 20:25:48

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



Date: 1.MAR.2016 20:25:55

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



Date: 1.MAR.2016 20:26:02



Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

MI[1]
MI[2]
MI[3]
TX1

-19.31 dBm
5.7094400 GHz
4.34 dBm
5.7250000 GHz

CF 5.71722 GHz 691 pts Span 31.6 MHz

Channel Power

Bandwidth 15.56 MHz Power 15.60 dBm Tx Total 15.60 dBm

Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

1Rm AvgPwr

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

TX1

5.71722 GHz

691 pts

Span 31.6 MHz

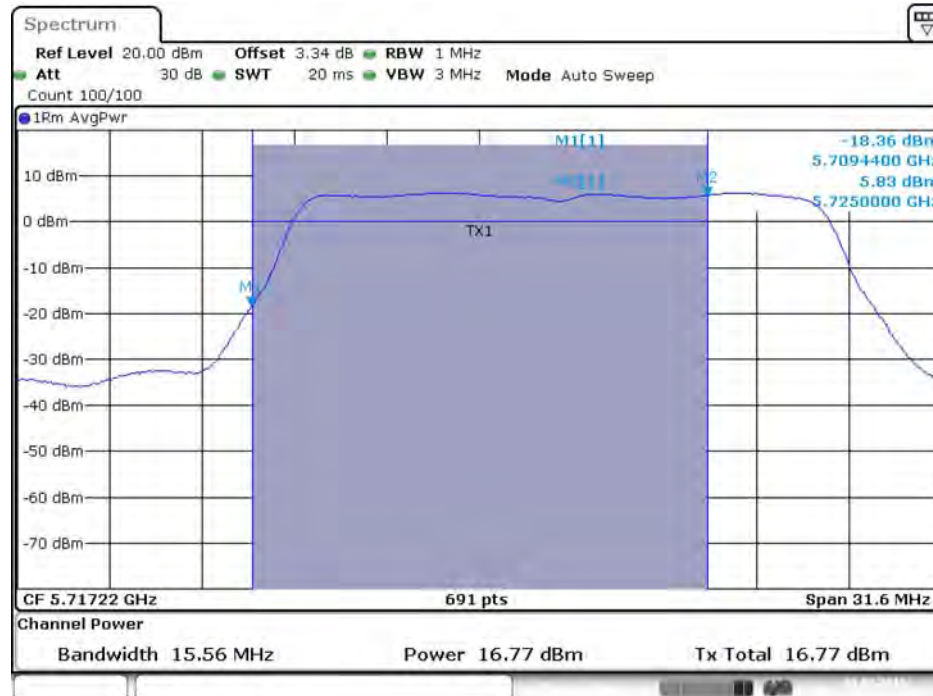
Channel Power

Bandwidth 15.56 MHz Power 17.62 dBm Tx Total 17.62 dBm

5.7250000 GHz
5.96 dBm
5.7094400 GHz
-16.44 dBm

Date: 1.MAR.2016 20:36:50

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



Date: 1.MAR.2016 20:36:58

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

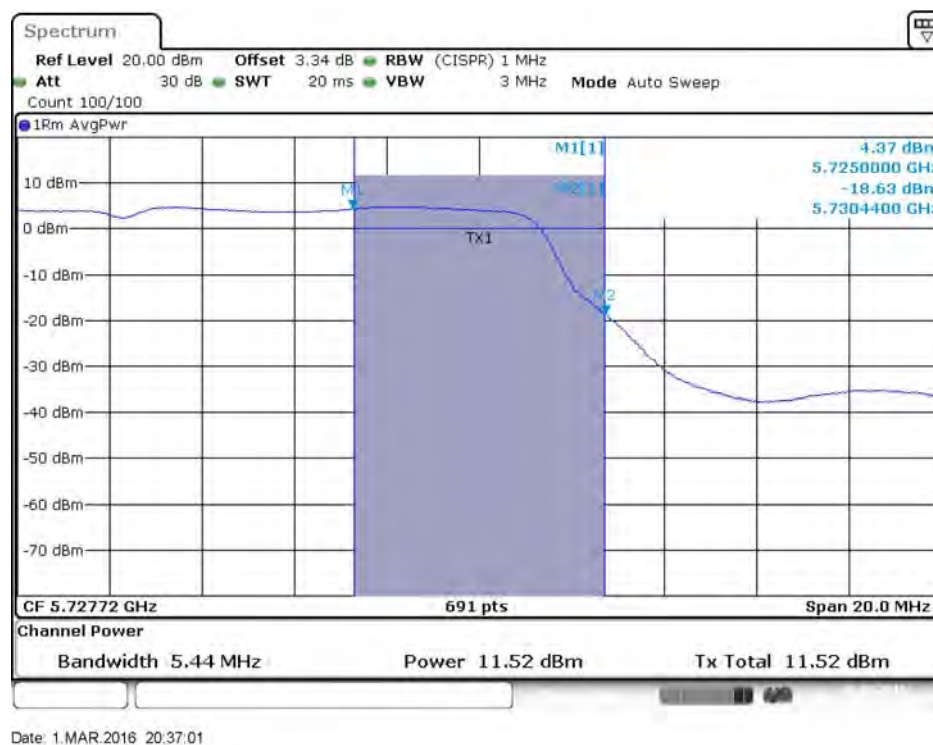


Date: 1.MAR.2016 20:36:47

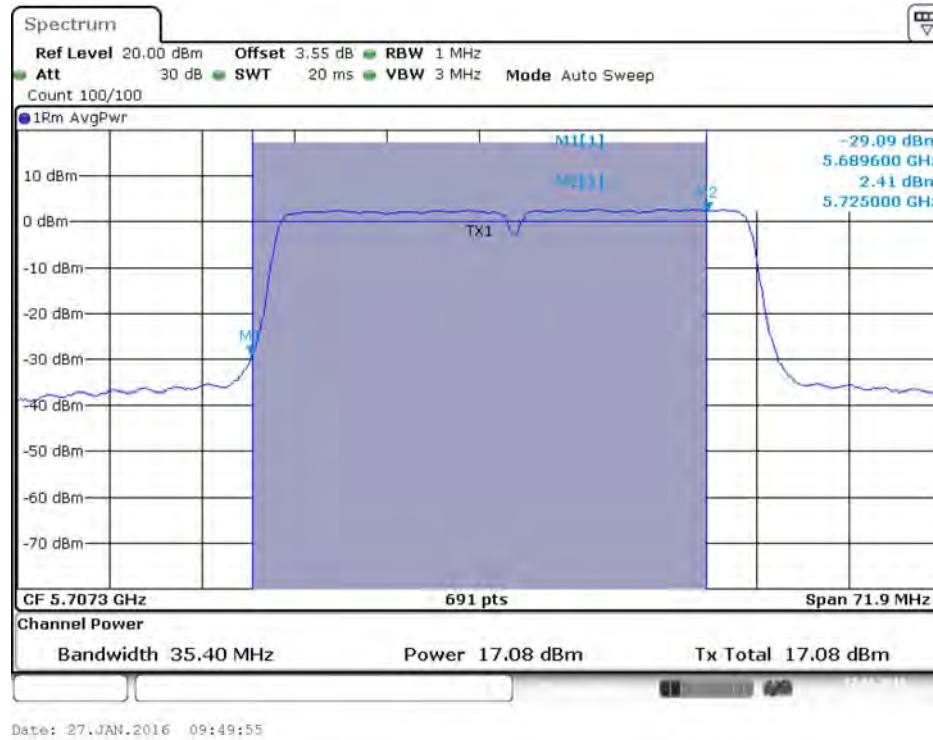
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



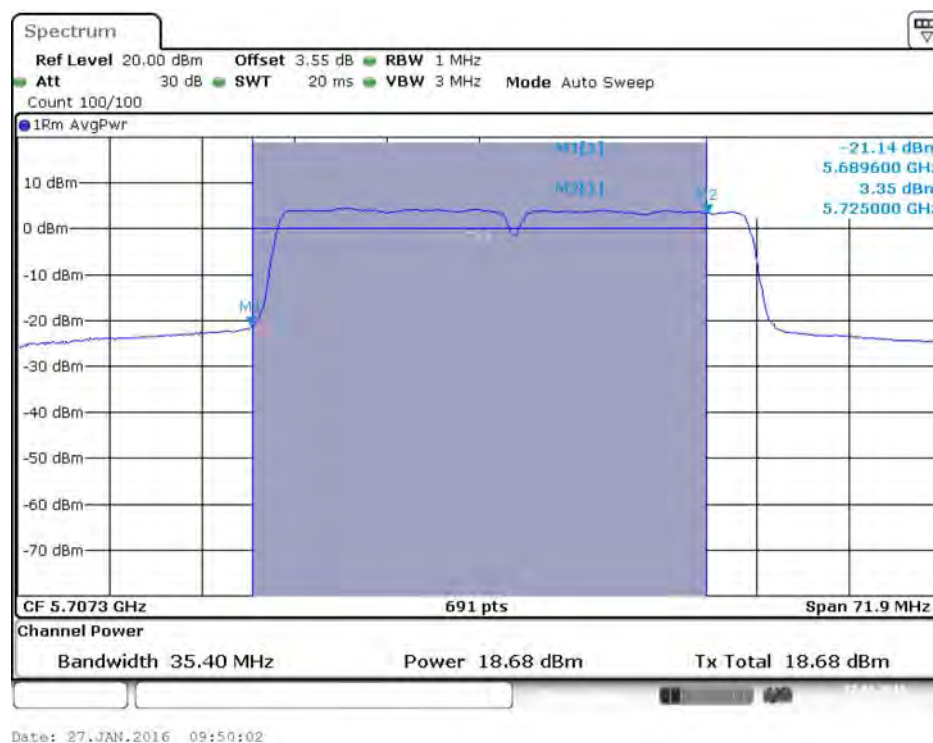
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)



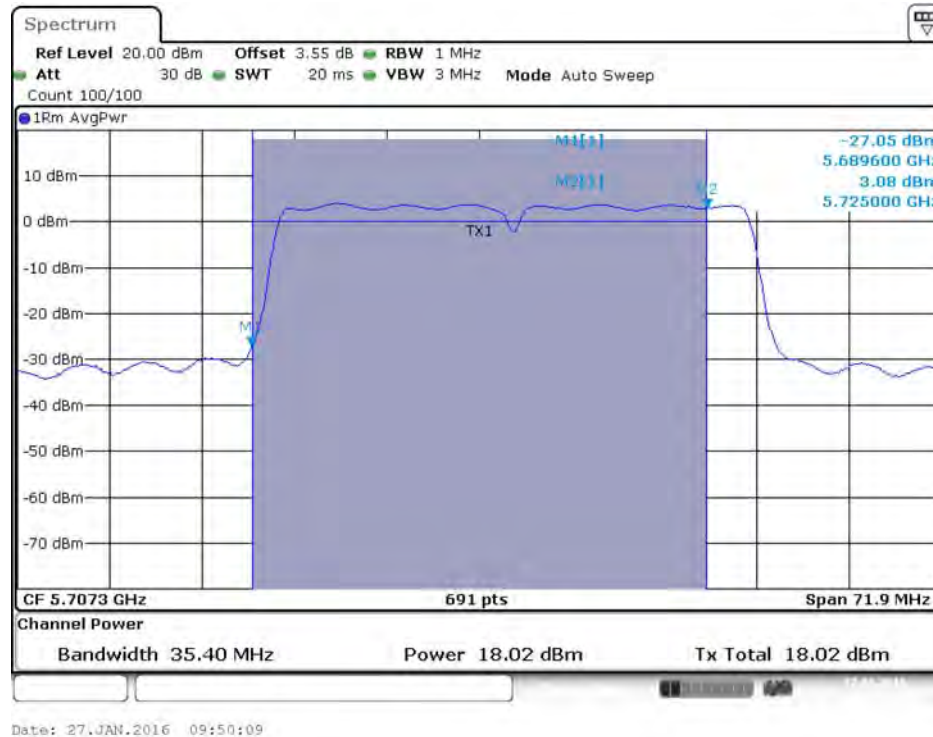
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



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



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



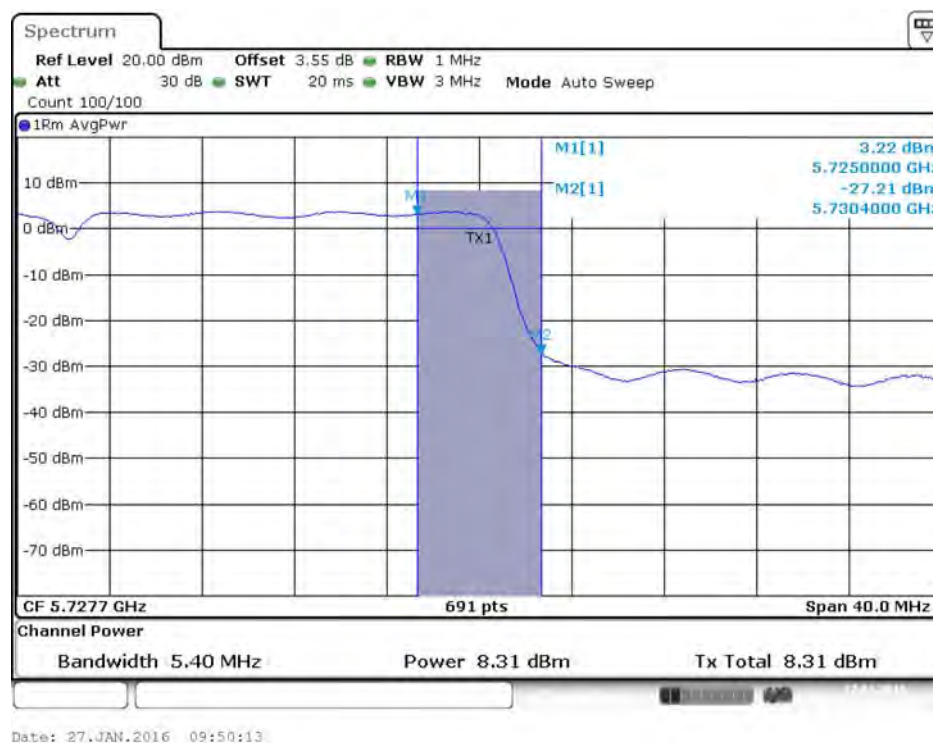
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



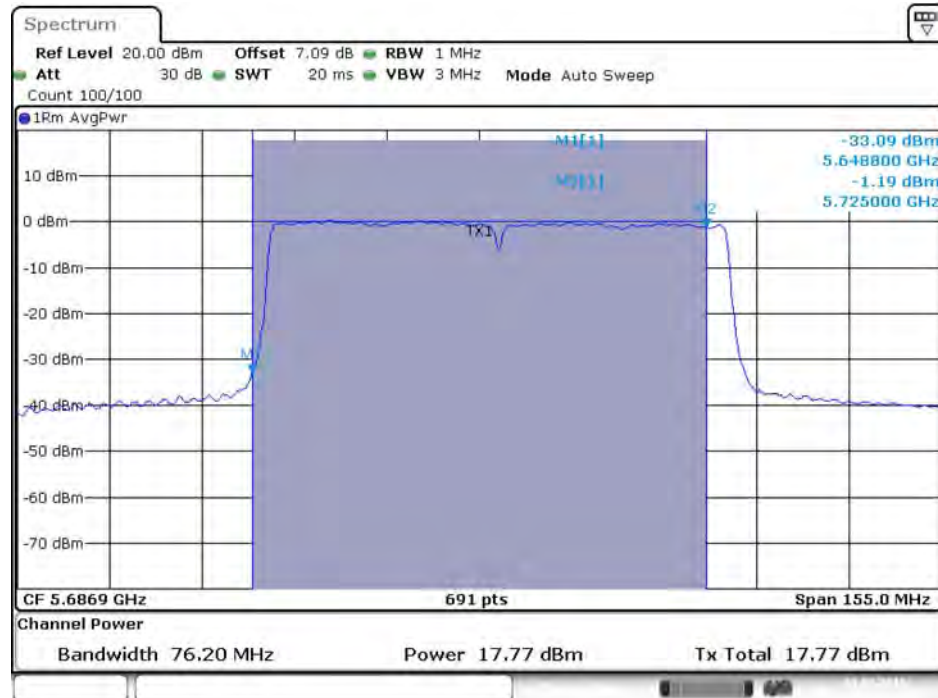
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



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

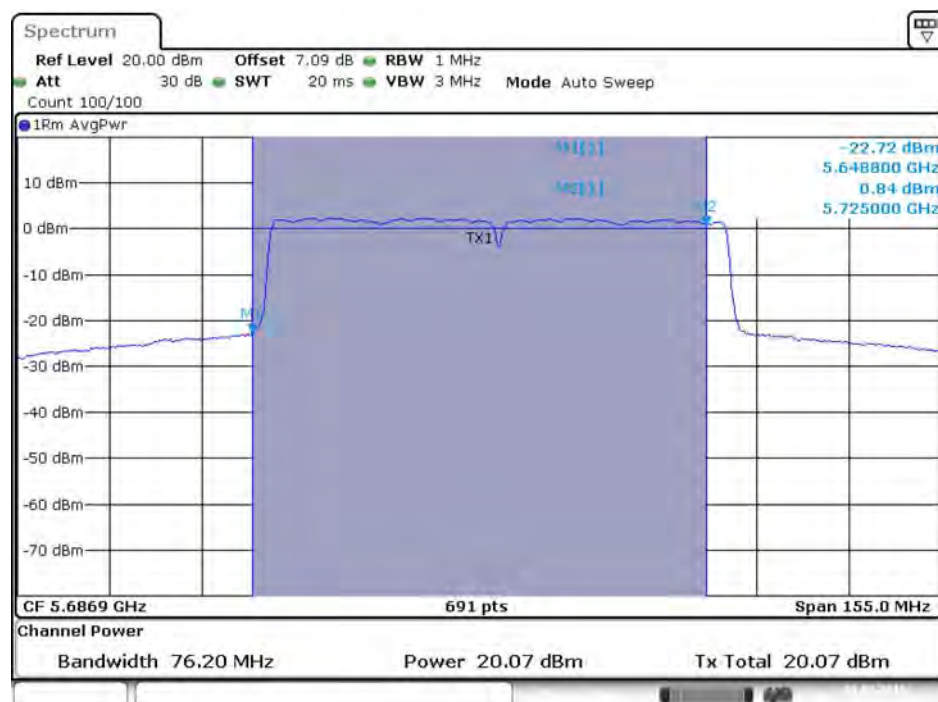


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



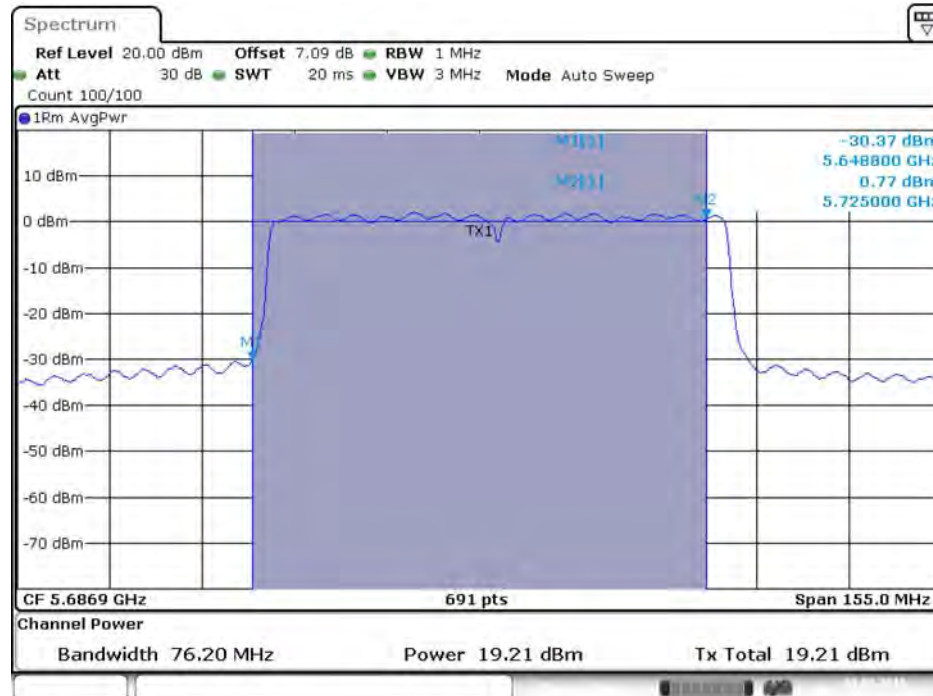
Date: 1.MAR.2016 20:48:23

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



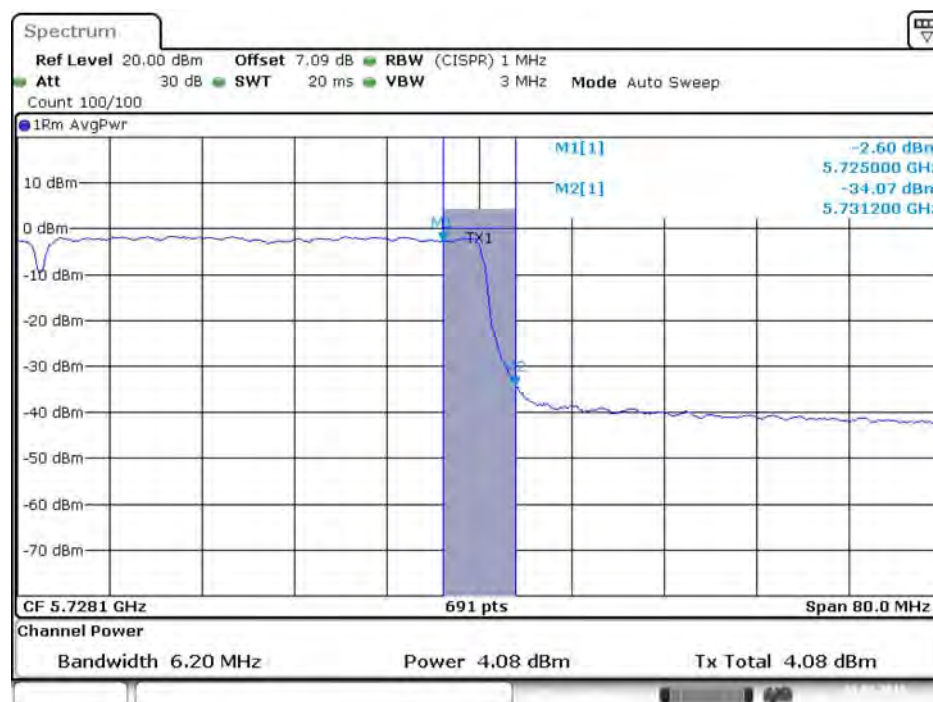
Date: 1.MAR.2016 20:48:30

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



Date: 1.MAR.2016 20:48:37

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



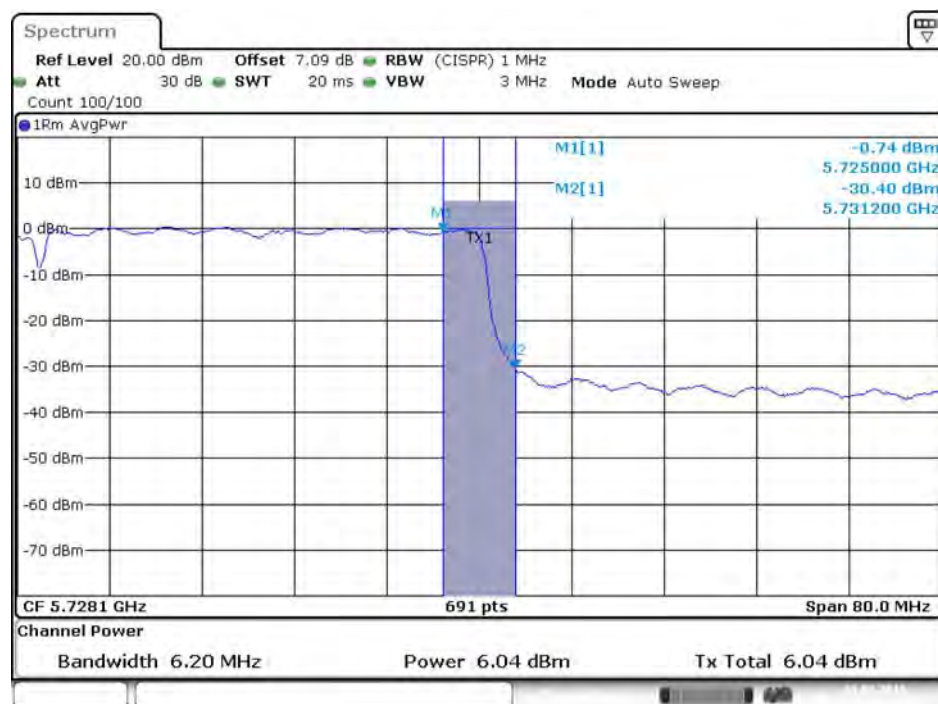
Date: 1.MAR.2016 20:48:27

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



Date: 1.MAR.2016 20:48:34

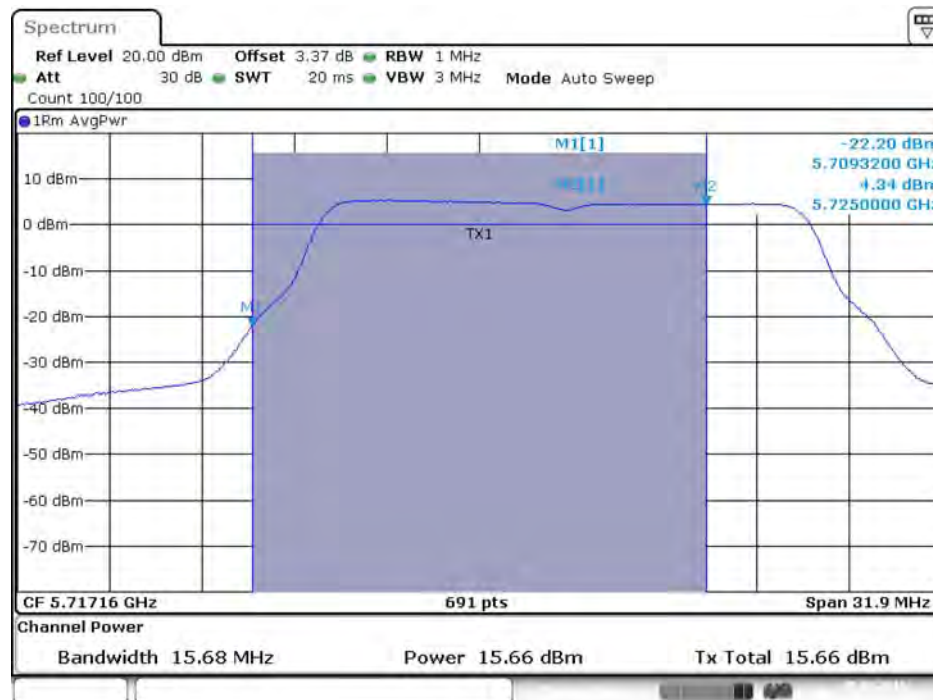
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Date: 1.MAR.2016 20:48:41

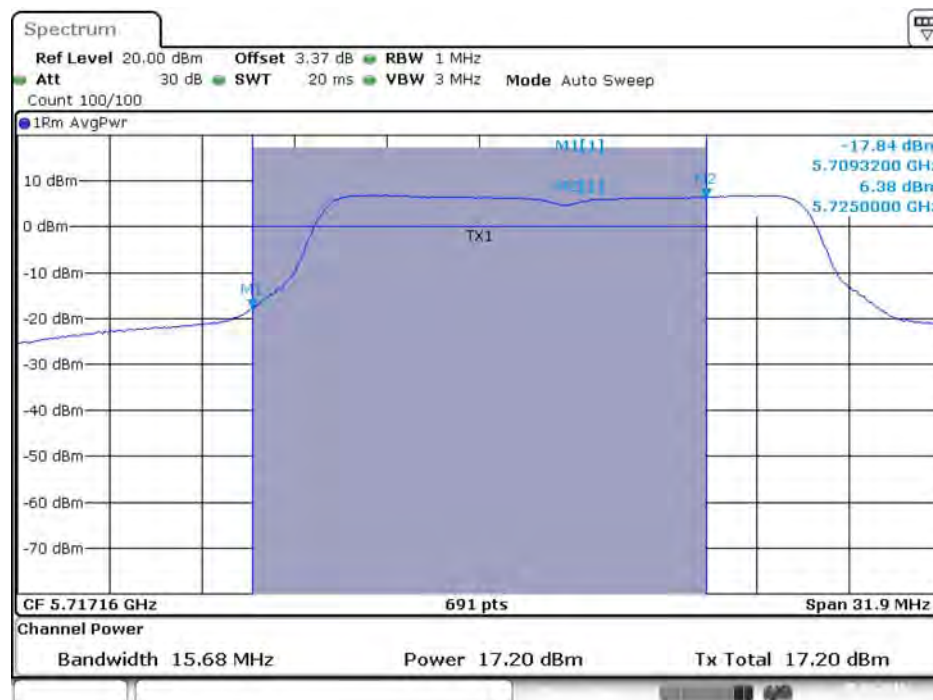
Mode 4 (Set 7 Polarized Panel antenna / 3.89dBi / 4TX)

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



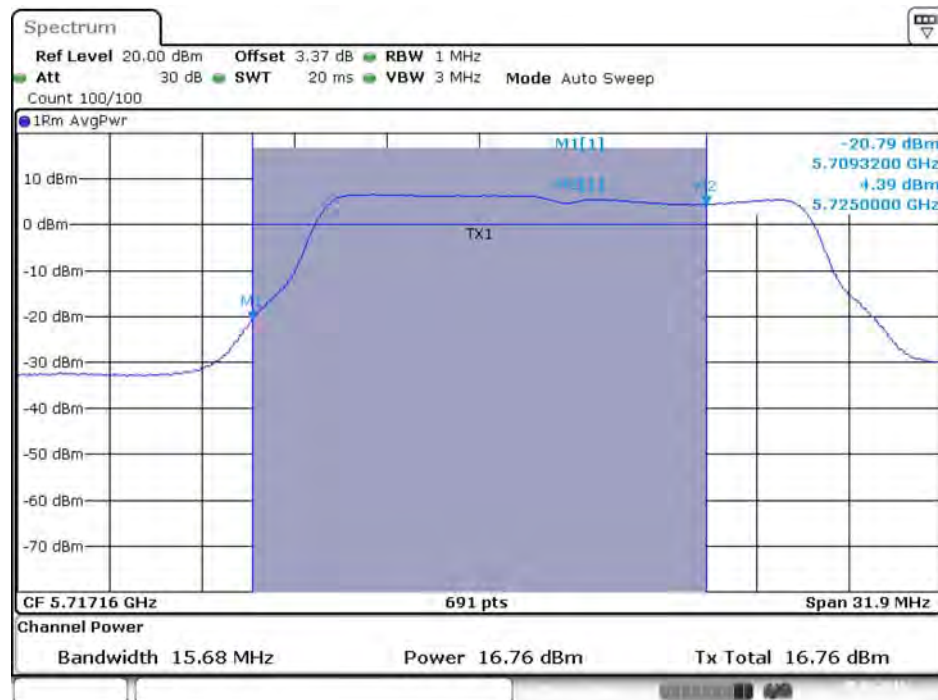
Date: 5.FEB.2016 14:34:03

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



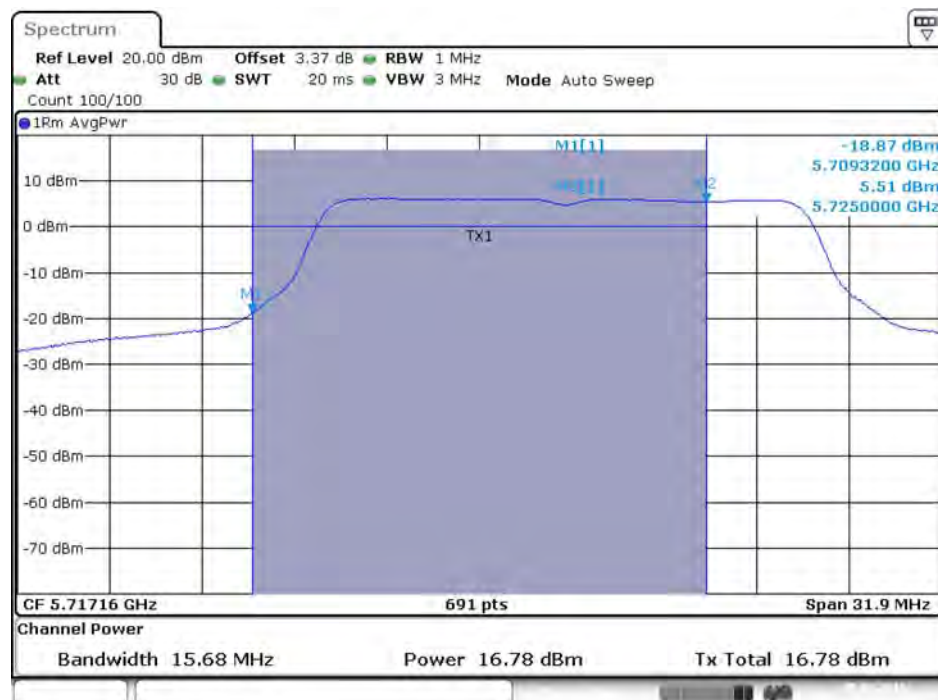
Date: 5.FEB.2016 14:34:10

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



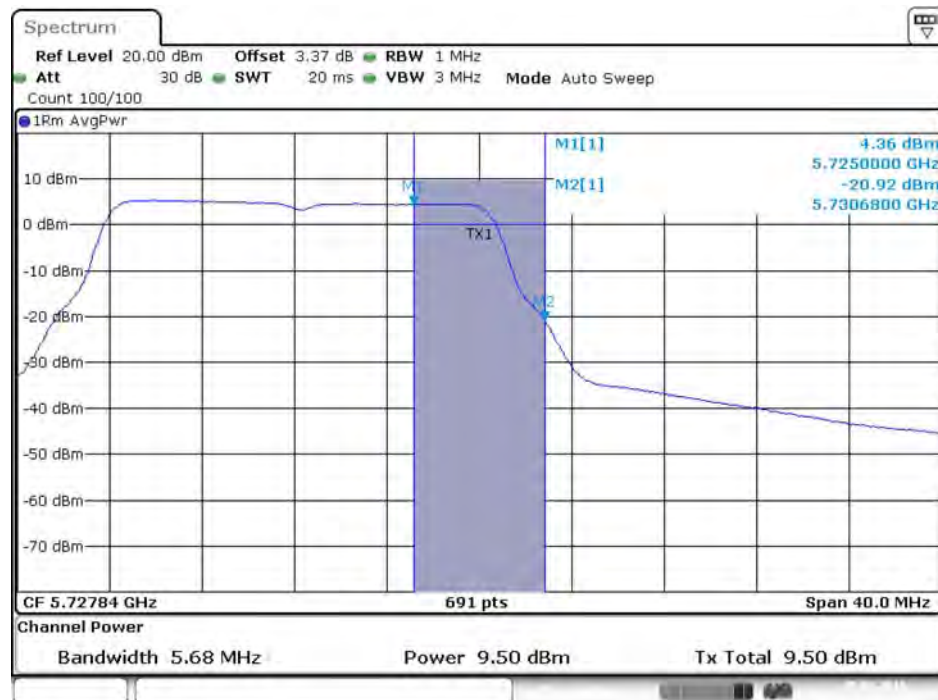
Date: 5.FEB.2016 14:34:17

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



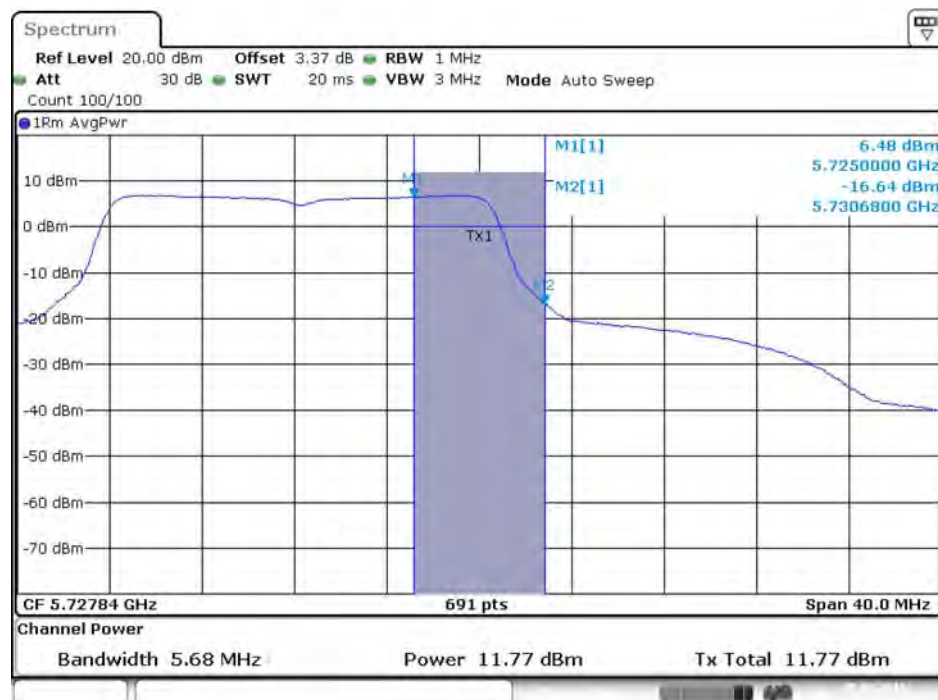
Date: 5.FEB.2016 14:34:24

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



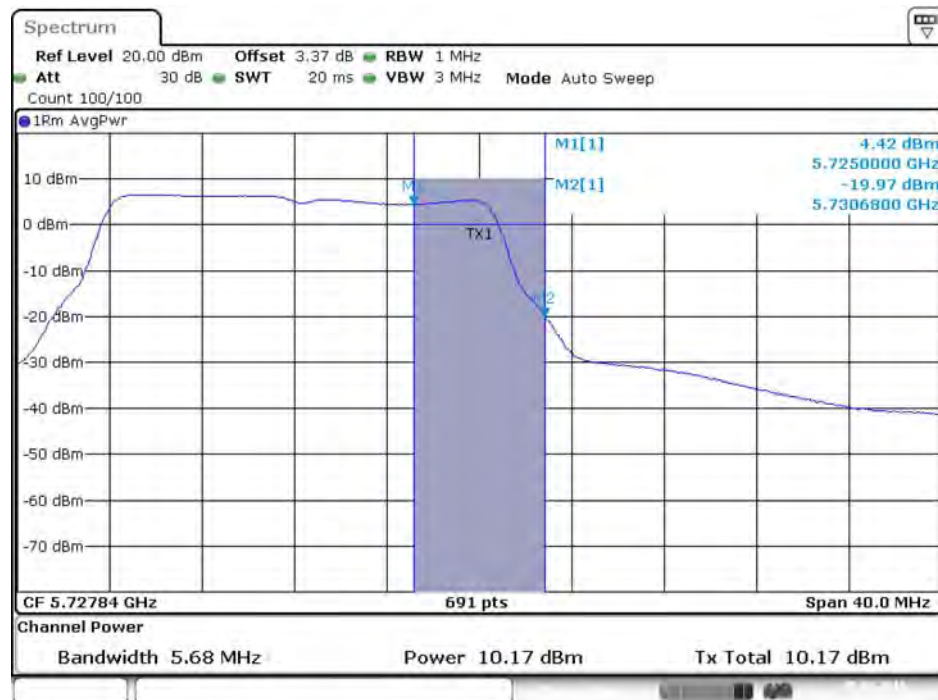
Date: 5.FEB.2016 14:34:06

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



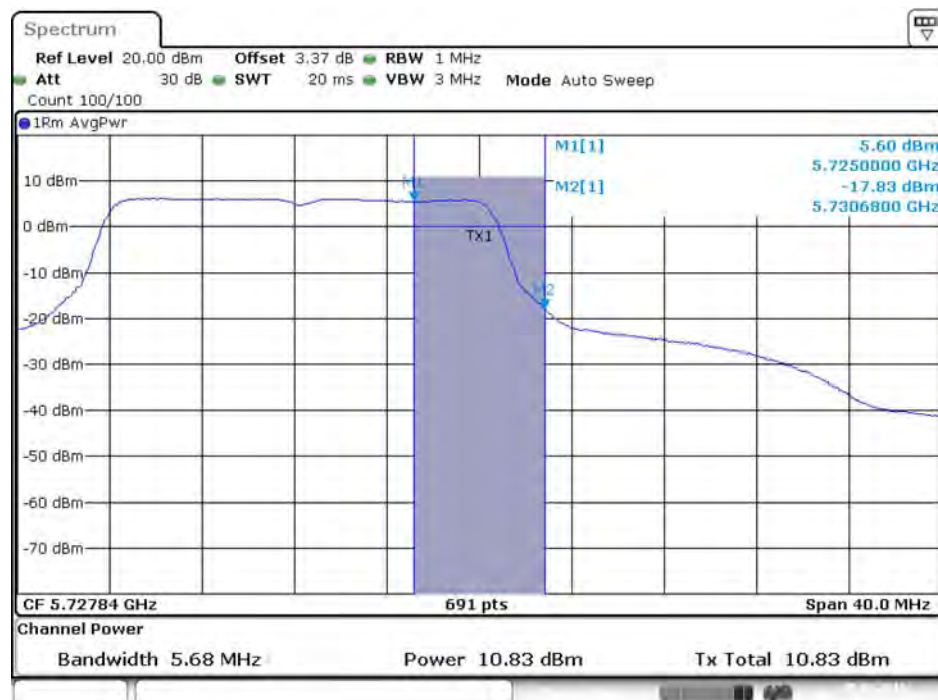
Date: 5.FEB.2016 14:34:13

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



Date: 5.FEB.2016 14:34:20

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



Date: 5.FEB.2016 14:34:27



Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep

Count 100/100

1Rm AvgPwr

CF 5.71716 GHz 691 pts Span 31.9 MHz

Channel Power

Bandwidth 15.68 MHz Power 15.53 dBm Tx Total 15.53 dBm

Spectrum

Ref Level 20.00 dBm Offset 3.34 dB RBW 1 MHz
Att 30 dB SWT 20 ms VBW 3 MHz Mode Auto Sweep
Count 100/100

IRm AvgPwr

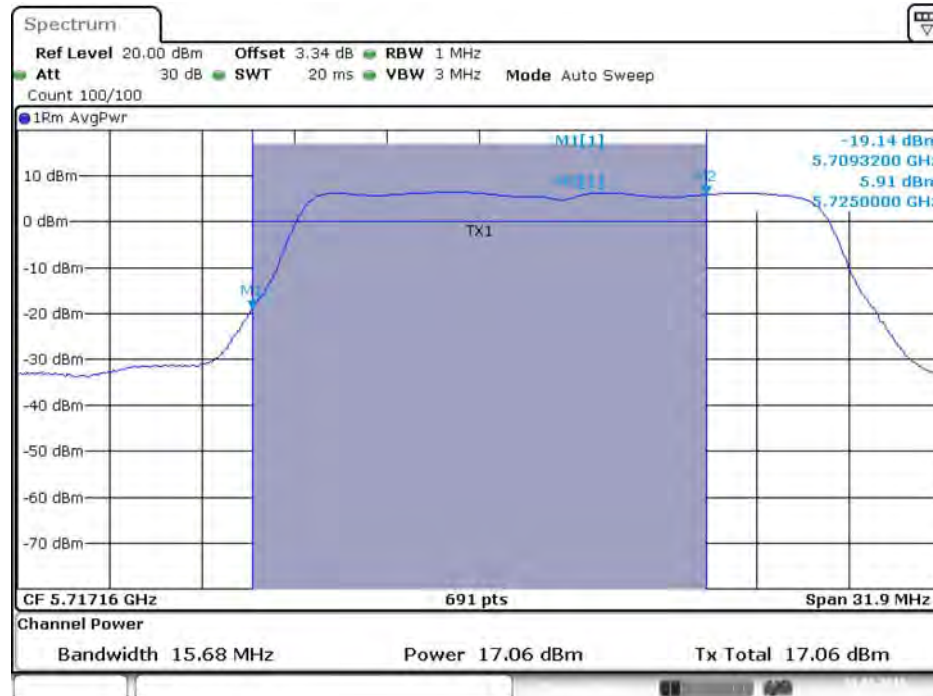
CF 5.71716 GHz 691 pts Span 31.9 MHz

Channel Power

Bandwidth 15.68 MHz Power 17.43 dBm Tx Total 17.43 dBm

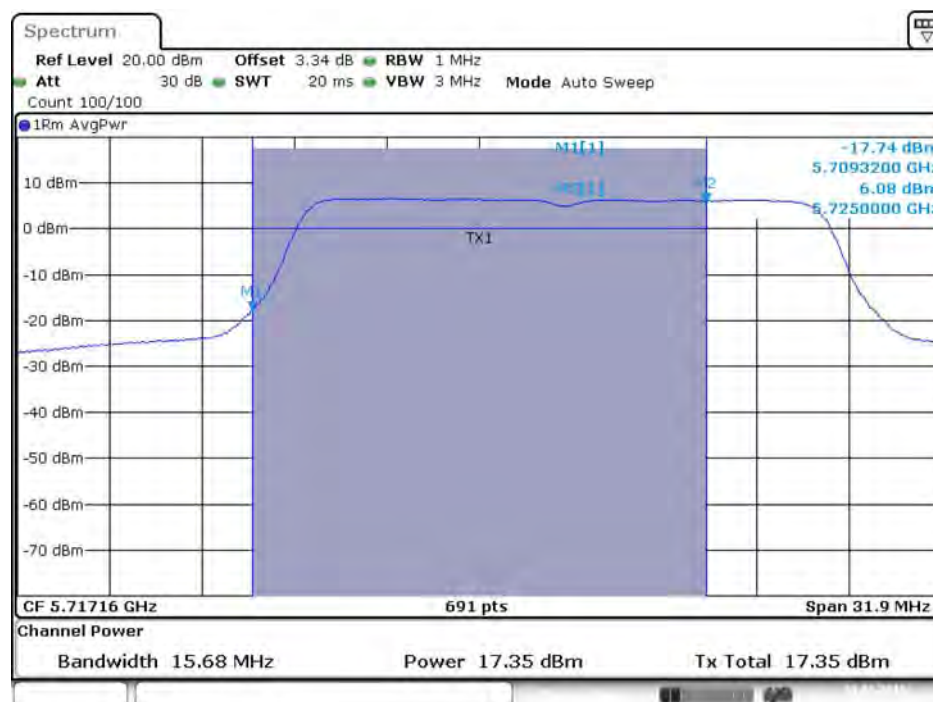
Date: 31.JAN.2016 16:09:05

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



Date: 31.JAN.2016 16:09:12

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



Date: 31.JAN.2016 16:09:20