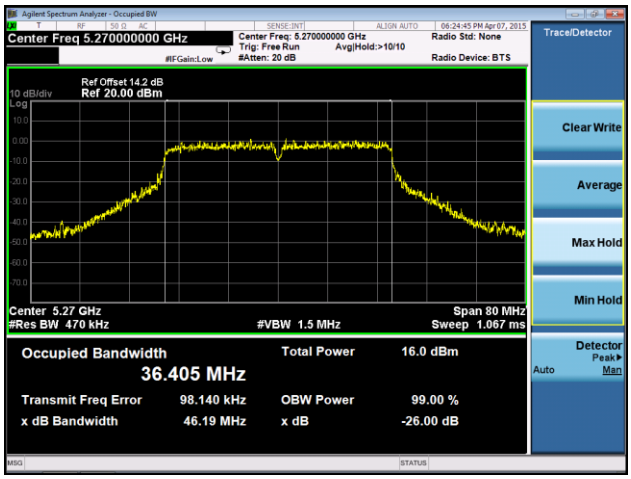
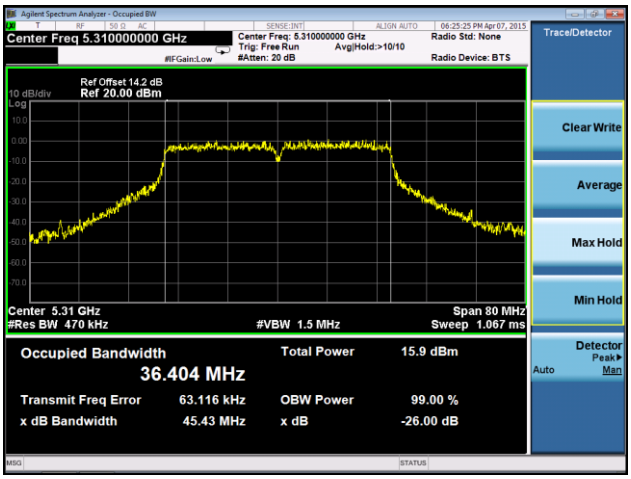
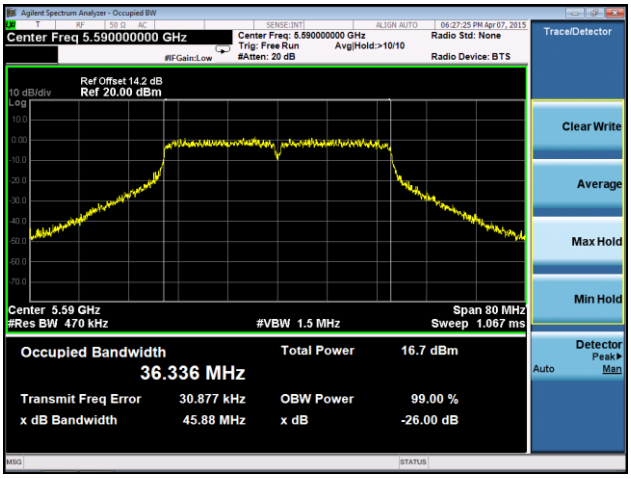
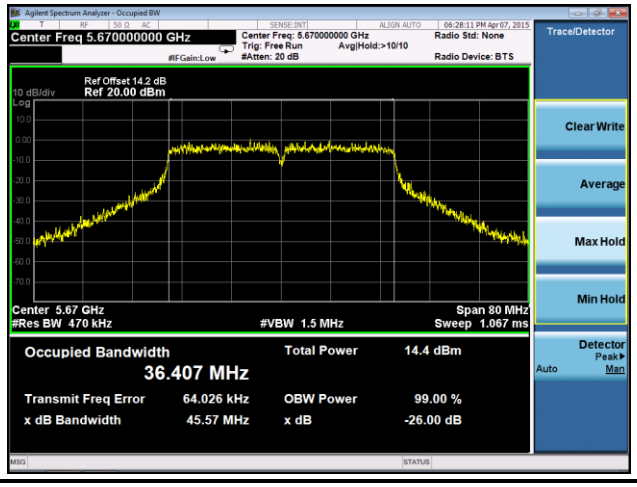
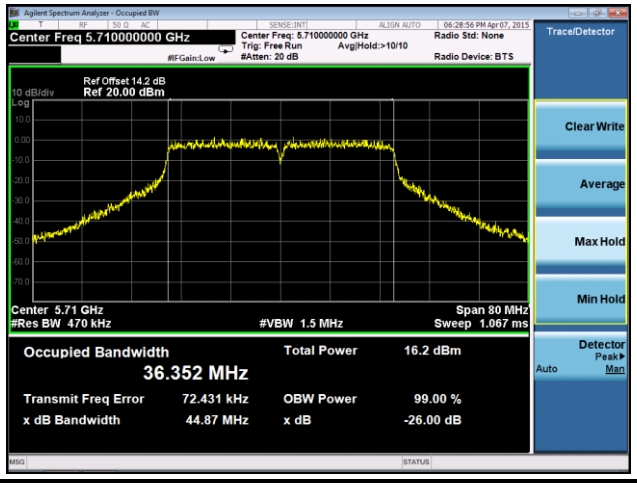
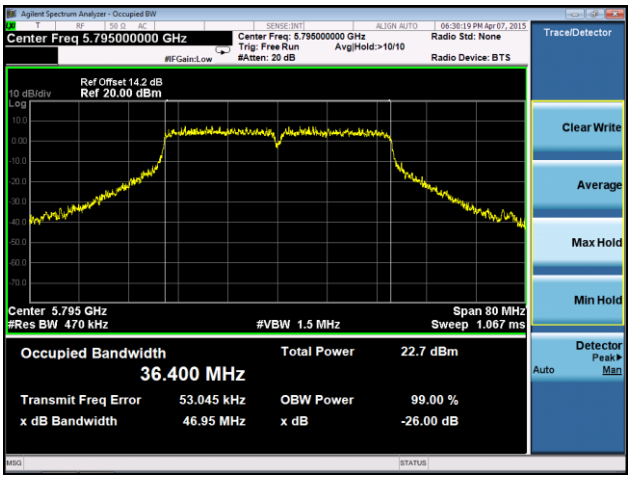
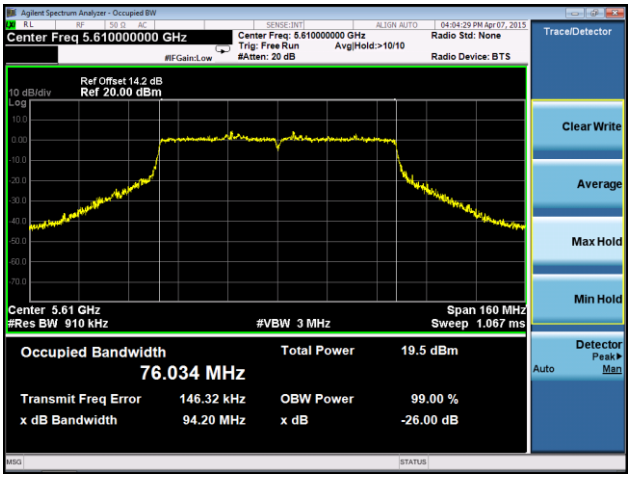
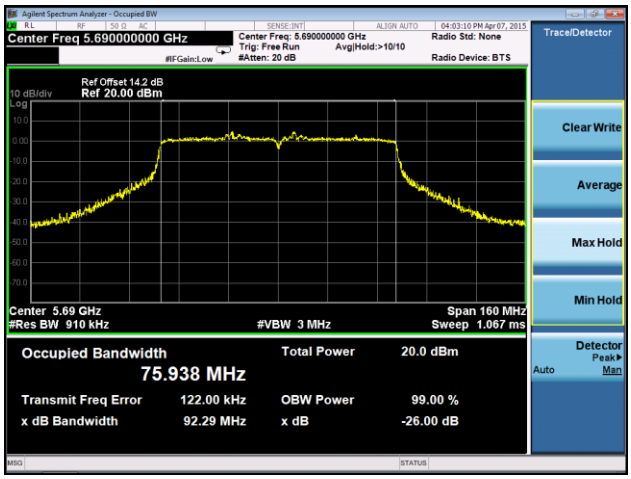
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	**Channel 118 (5590MHz)**
	
Channel 134 (5670MHz)	**Channel 142 (5710MHz)**
	

Channel 151(5755MHz)	Channel 159(5795MHz)
	

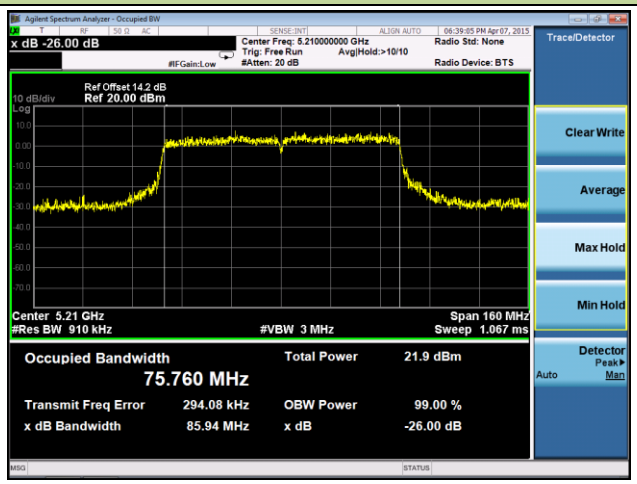
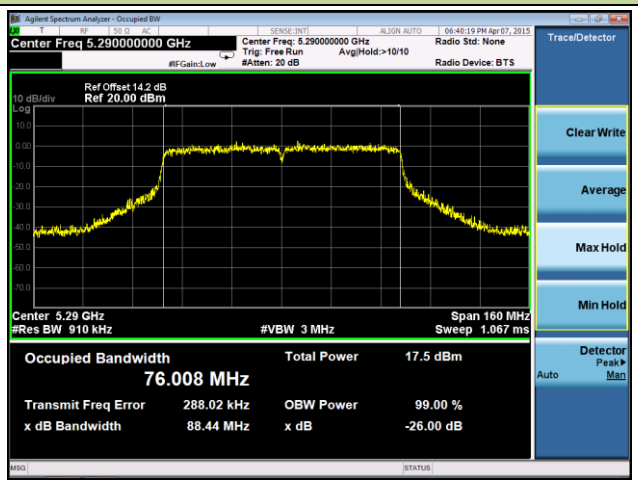
802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1

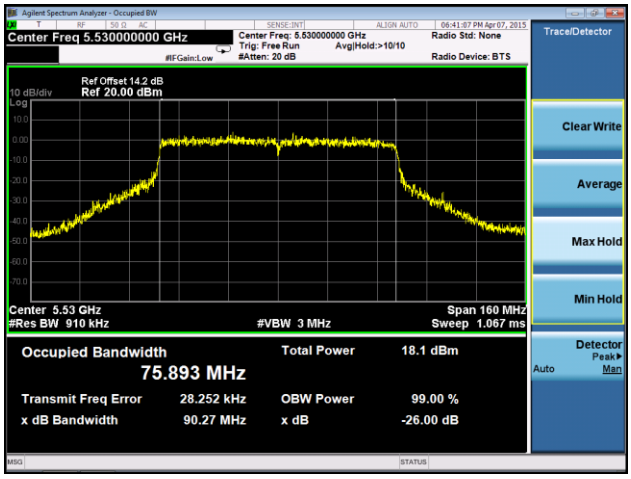
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	

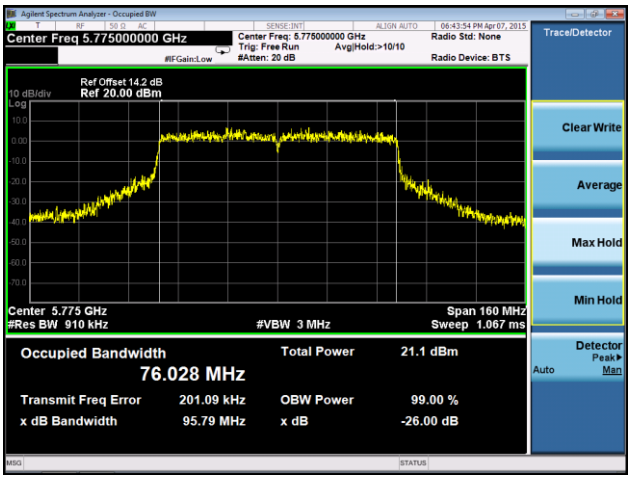
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	

Channel 138 (5690MHz)	Channel 155 (5755MHz)
	

802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 1 / Ant 0 + 1

Channel 42 (5210MHz)	Channel 58 (5290MHz)
	

Channel 106 (5530MHz)	Channel 122 (5610MHz)
	

Channel 138 (5690MHz)	Channel 155 (5755MHz)
	

7.3. 6dB Bandwidth Measurement

7.3.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

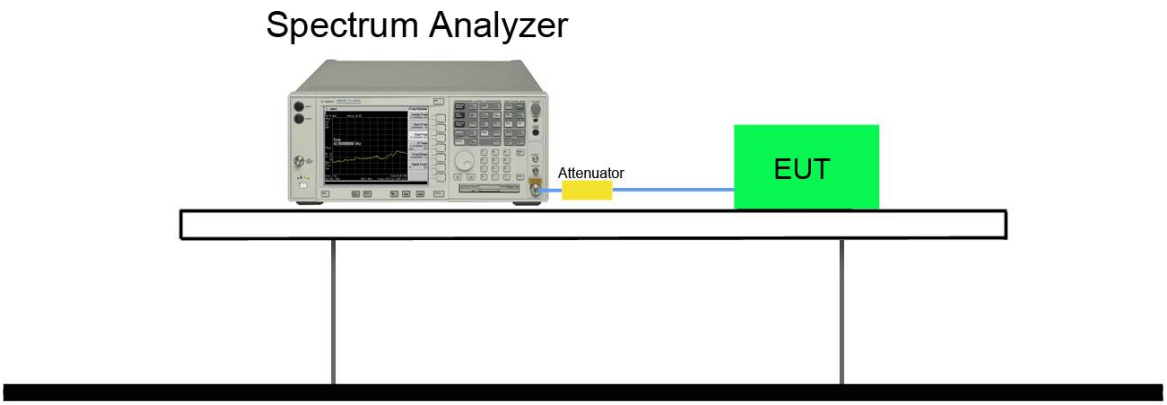
7.3.2. Test Procedure used

KDB 789033 D02v01 – Section C.2

7.3.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 100 kHz.
3. VBW ≧ 3 × RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.3.4. Test Setup

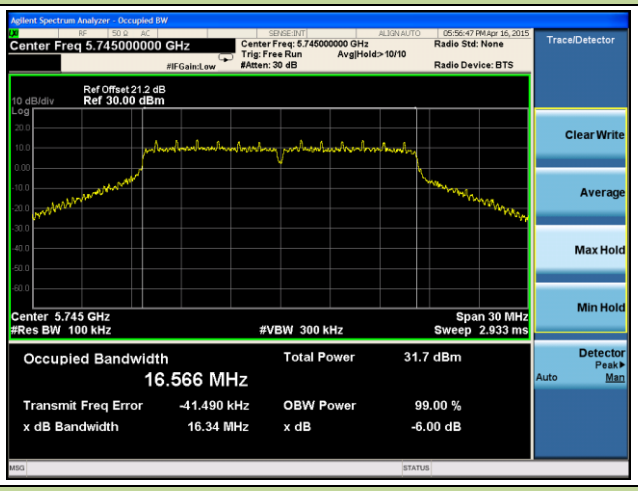


7.3.5. Test Result

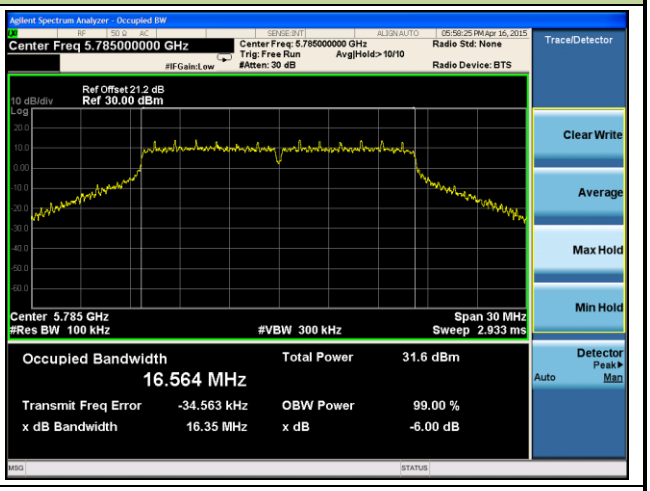
Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0 / Ant 0 + 1						
802.11a	6	149	5745	16.34	≥ 0.5	Pass
802.11a	6	157	5785	16.35	≥ 0.5	Pass
802.11a	6	165	5825	16.33	≥ 0.5	Pass
802.11n-HT20	13	149	5745	17.29	≥ 0.5	Pass
802.11n-HT20	13	157	5785	17.57	≥ 0.5	Pass
802.11n-HT20	13	165	5825	16.68	≥ 0.5	Pass
802.11n-HT40	27	151	5755	35.74	≥ 0.5	Pass
802.11n-HT40	27	159	5795	35.94	≥ 0.5	Pass
802.11ac-VHT20	13	149	5745	17.29	≥ 0.5	Pass
802.11ac-VHT20	13	157	5785	17.28	≥ 0.5	Pass
802.11ac-VHT20	13	165	5825	17.29	≥ 0.5	Pass
802.11ac-VHT40	27	151	5755	35.72	≥ 0.5	Pass
802.11ac-VHT40	27	159	5795	35.75	≥ 0.5	Pass
802.11ac-VHT80	58.6	155	5775	71.61	≥ 0.5	Pass
Ant 1 / Ant 0 + 1						
802.11a	6	149	5745	16.33	≥ 0.5	Pass
802.11a	6	157	5785	16.35	≥ 0.5	Pass
802.11a	6	165	5825	16.32	≥ 0.5	Pass
802.11n-HT20	13	149	5745	17.59	≥ 0.5	Pass
802.11n-HT20	13	157	5785	17.58	≥ 0.5	Pass
802.11n-HT20	13	165	5825	17.54	≥ 0.5	Pass
802.11n-HT40	27	151	5755	36.34	≥ 0.5	Pass
802.11n-HT40	27	159	5795	36.31	≥ 0.5	Pass
802.11ac-VHT20	13	149	5745	17.58	≥ 0.5	Pass
802.11ac-VHT20	13	157	5785	17.18	≥ 0.5	Pass
802.11ac-VHT20	13	165	5825	17.57	≥ 0.5	Pass
802.11ac-VHT40	27	151	5755	35.72	≥ 0.5	Pass
802.11ac-VHT40	27	159	5795	36.35	≥ 0.5	Pass
802.11ac-VHT80	58.6	155	5775	76.31	≥ 0.5	Pass

802.11a 6dB Bandwidth - Ant 0 / Ant 0 + 1

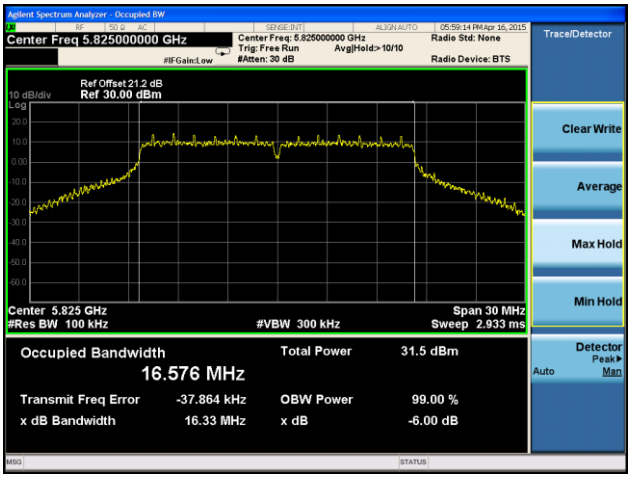
Channel 149 (5745MHz)



Channel 157 (5785MHz)

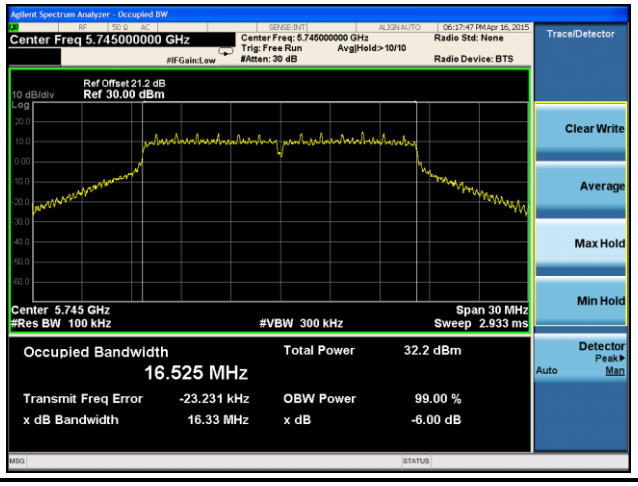


Channel 165 (5825MHz)

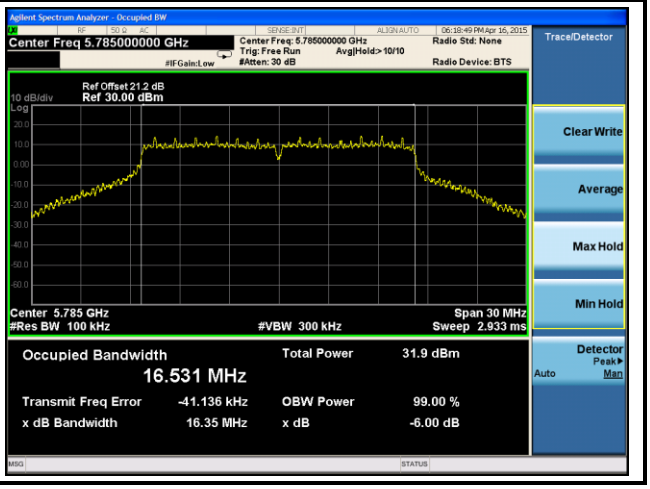


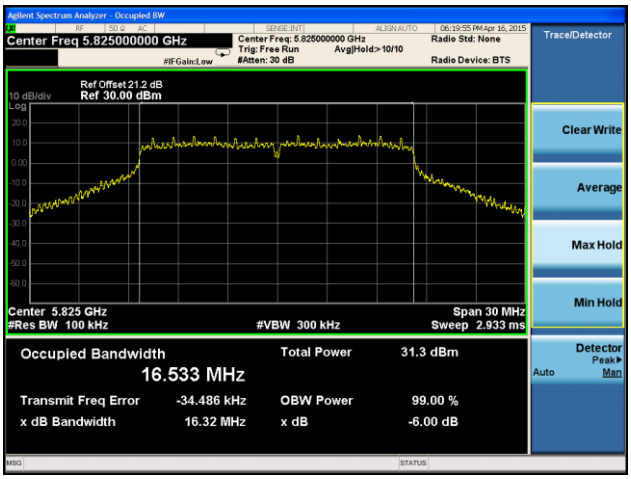
802.11a 6dB Bandwidth - Ant 1 / Ant 0 + 1

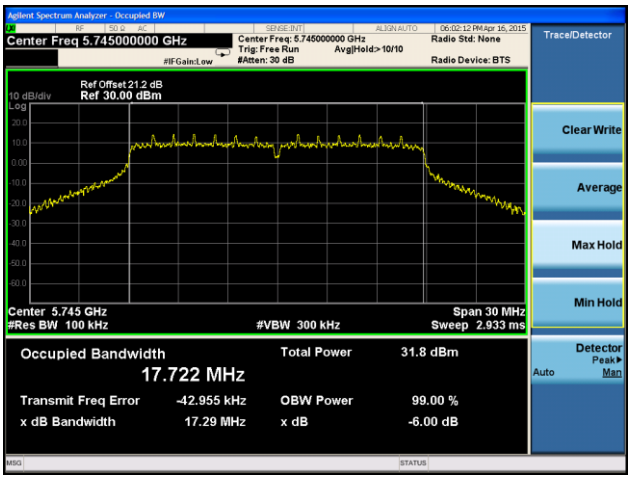
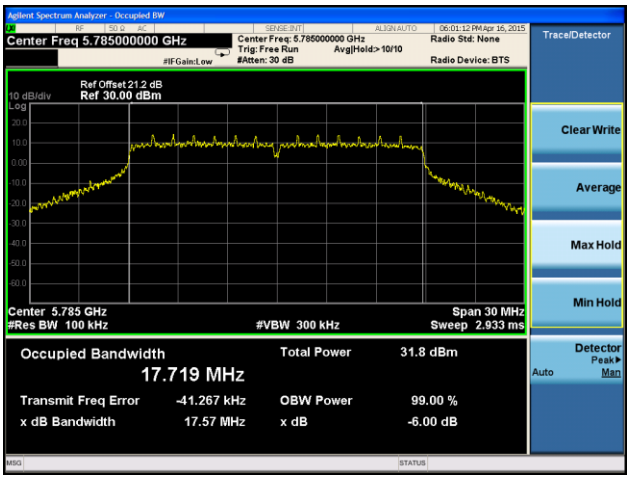
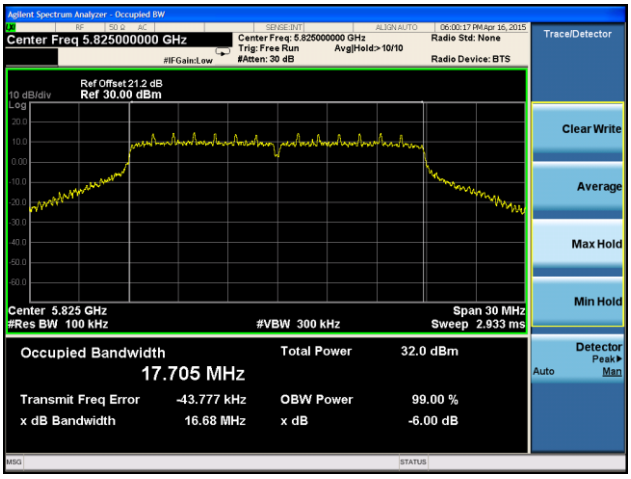
Channel 149 (5745MHz)



Channel 157 (5785MHz)

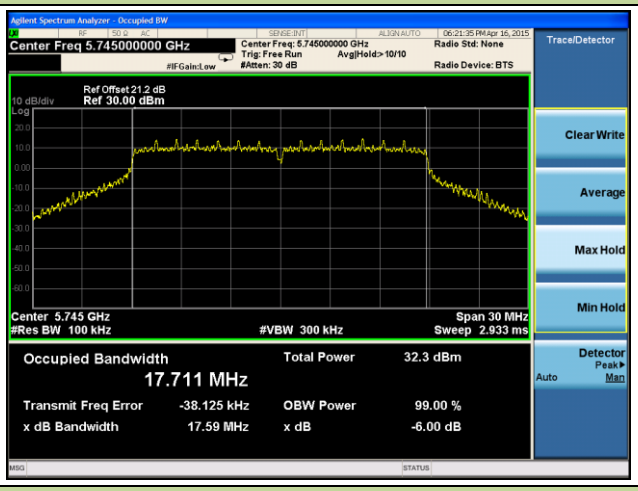


Channel 165 (5825MHz)	
	

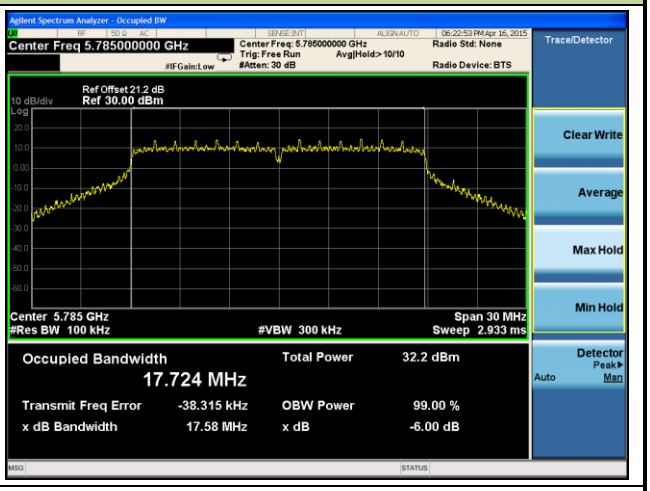
802.11n-HT20 6dB Bandwidth - Ant 0 / Ant 0 + 1	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	
Channel 165 (5825MHz)	
	

802.11n-HT20 6dB Bandwidth - Ant 1 / Ant 0 + 1

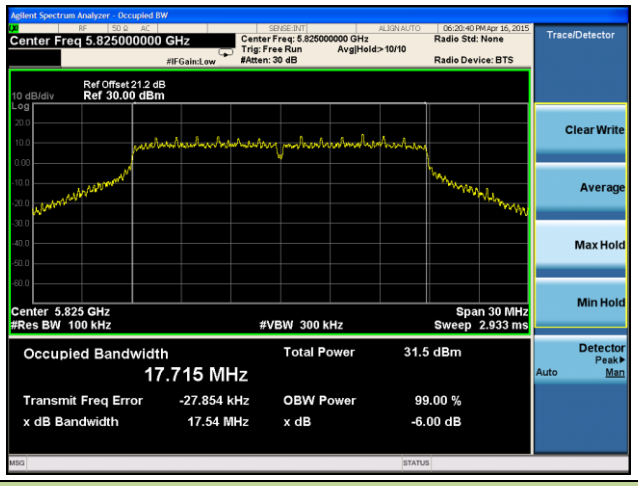
Channel 149 (5745MHz)



Channel 157 (5785MHz)

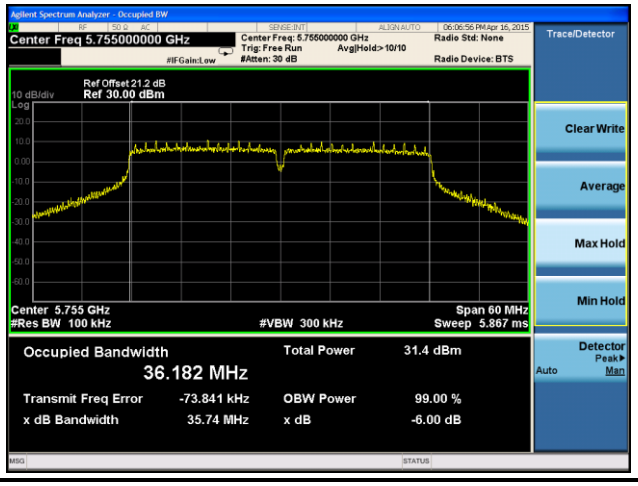


Channel 165 (5825MHz)

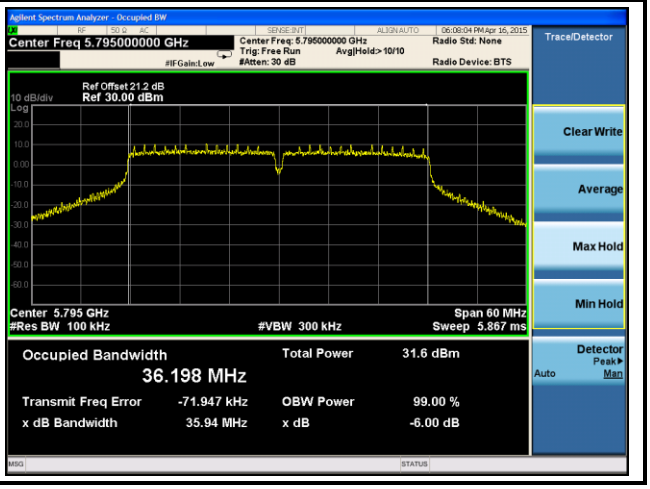


802.11n-HT40 6dB Bandwidth - Ant 0 / Ant 0 + 1

Channel 151 (5755MHz)

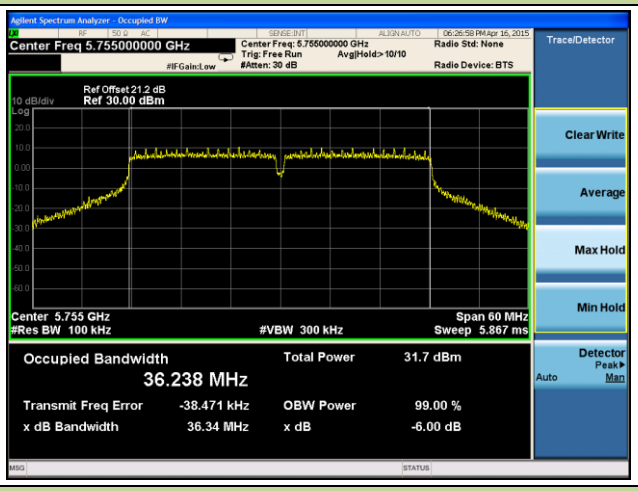


Channel 159 (5795MHz)

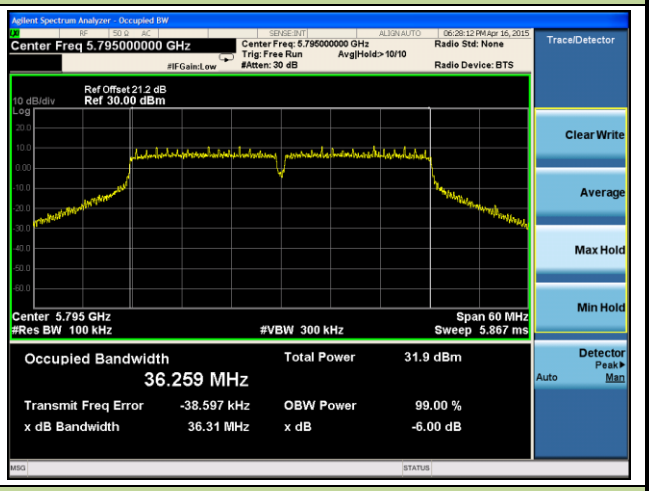


802.11n-HT40 6dB Bandwidth - Ant 1 / Ant 0 + 1

Channel 151 (5755MHz)

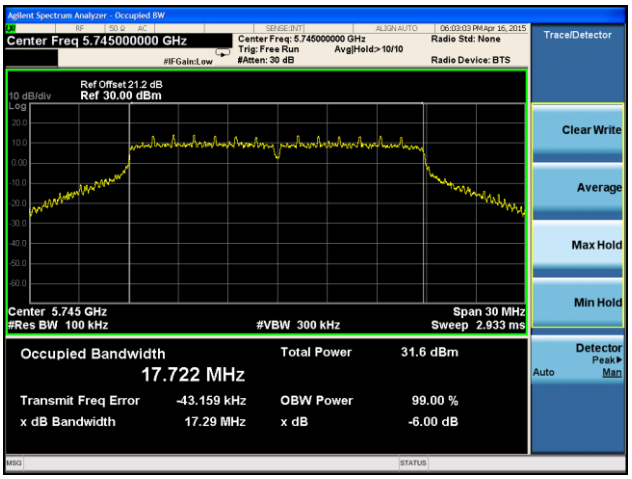


Channel 159 (5795MHz)

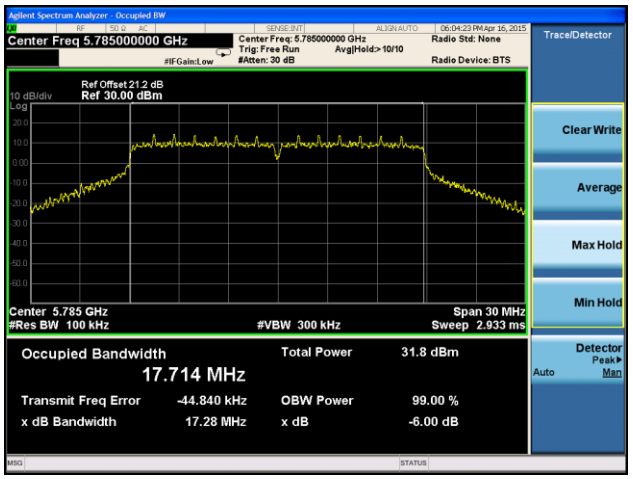


802.11ac-VHT20 6dB Bandwidth - Ant 0 / Ant 0 + 1

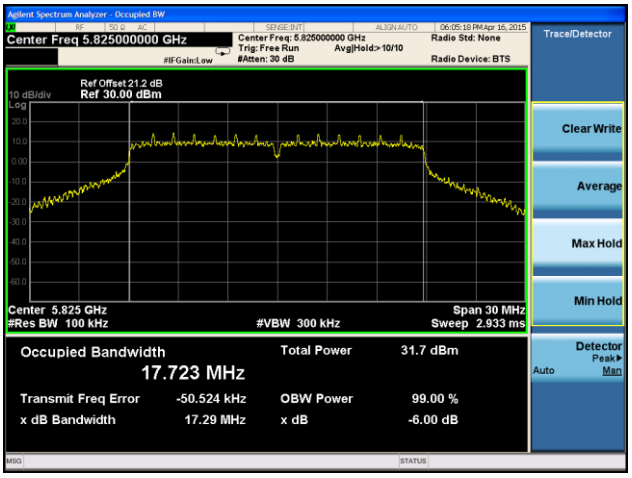
Channel 149 (5745MHz)



Channel 157 (5785MHz)

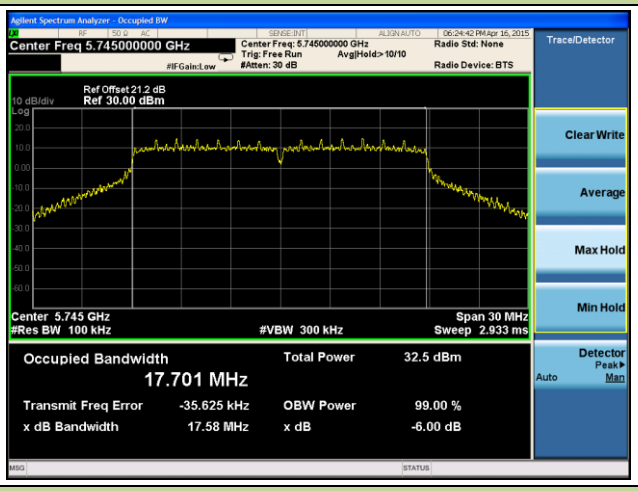


Channel 165 (5825MHz)

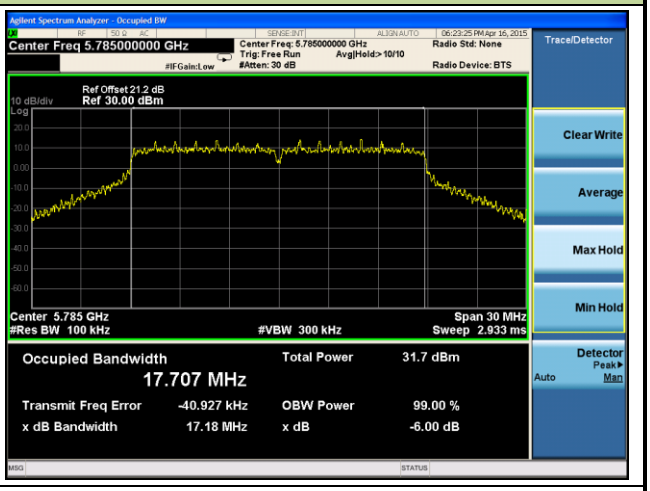


802.11ac-VHT20 6dB Bandwidth - Ant 1 / Ant 0 + 1

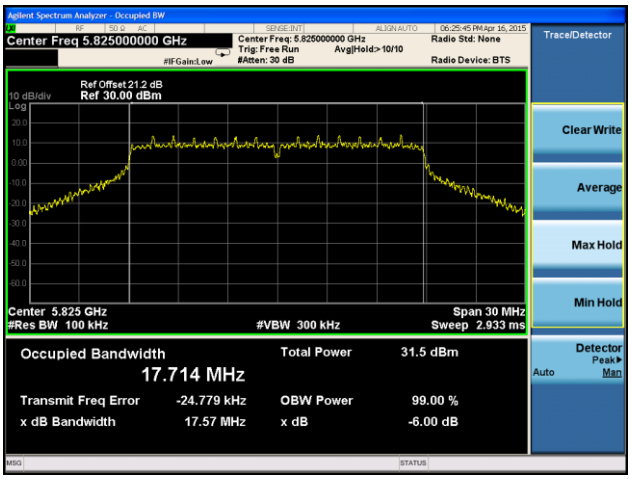
Channel 149 (5745MHz)



Channel 157 (5785MHz)

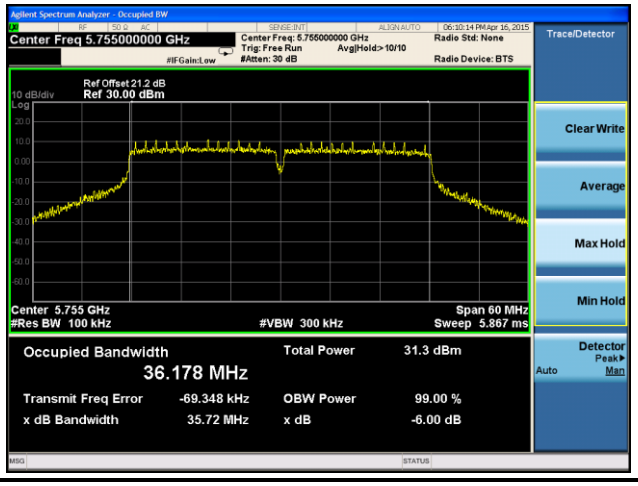


Channel 165 (5825MHz)

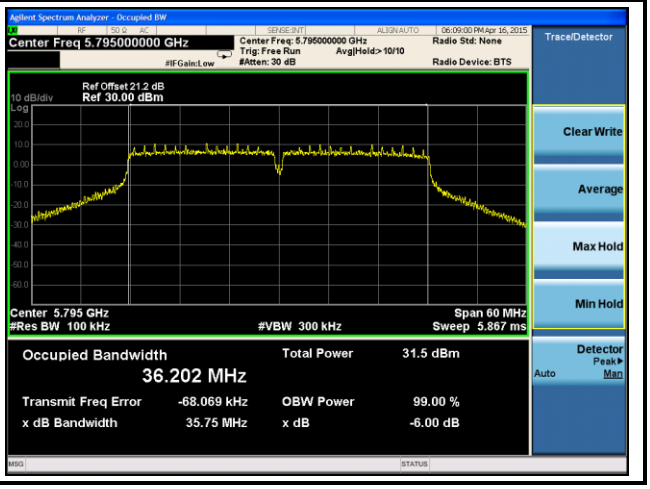


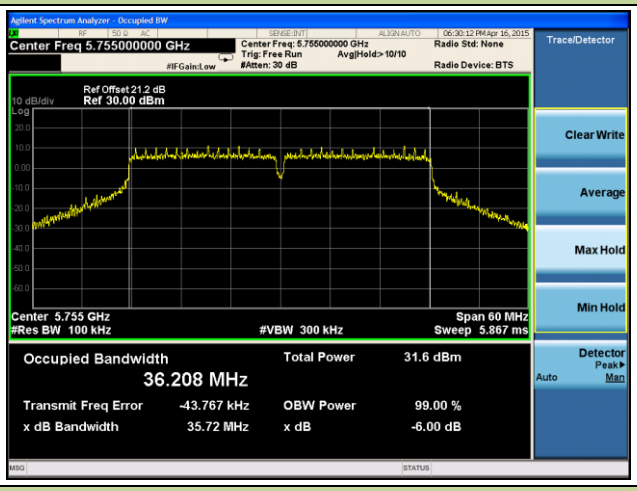
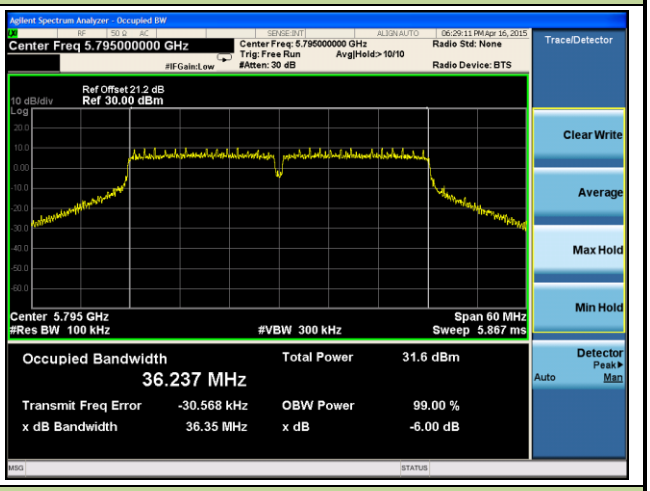
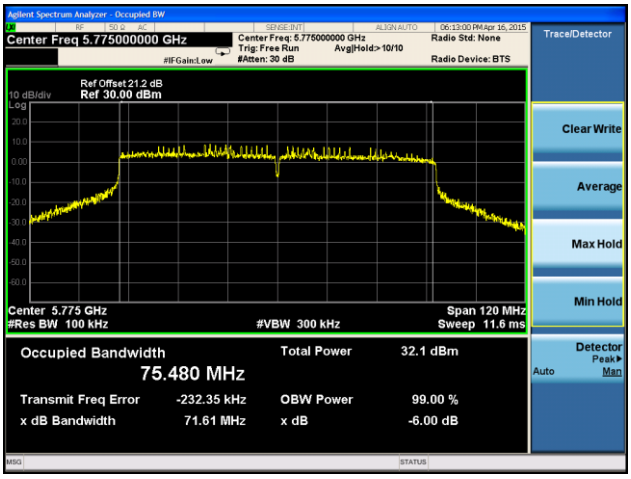
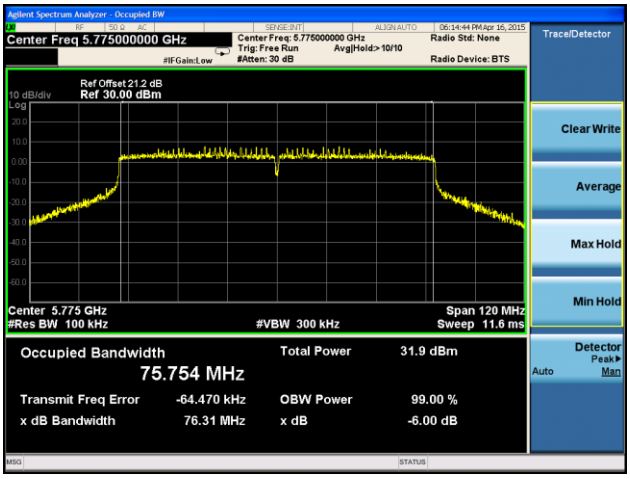
802.11ac-VHT40 6dB Bandwidth - Ant 0 / Ant 0 + 1

Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ac-VHT40 6dB Bandwidth - Ant 1 / Ant 0 + 1	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	
802.11ac-VHT80 6dB Bandwidth - Ant 0 + 1	
Channel 155 (5775MHz) – Ant 0	**Channel 155 (5775MHz) – Ant 1**
	

7.4. Output Power Measurement

7.4.1. Test Limit

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.

For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (23.98dBm) or 11 dBm 10 log (26dB BW) = 11dBm + $10\log_{10}(22.63)$ = 24.55dBm.

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

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Frequency Band (GHz)	Output Power Limit (dBm)			
	ANTENNA 1#	ANTENNA 2#	ANTENNA 3#	ANTENNA 4#
5.15-5.25	30.00	25.30	27.10	30.00
5.25-5.35	23.98	19.28	21.08	14.40
5.47-5.725	23.98	19.28	21.08	14.40
5.725-5.85	30.00	25.30	27.10	30.00

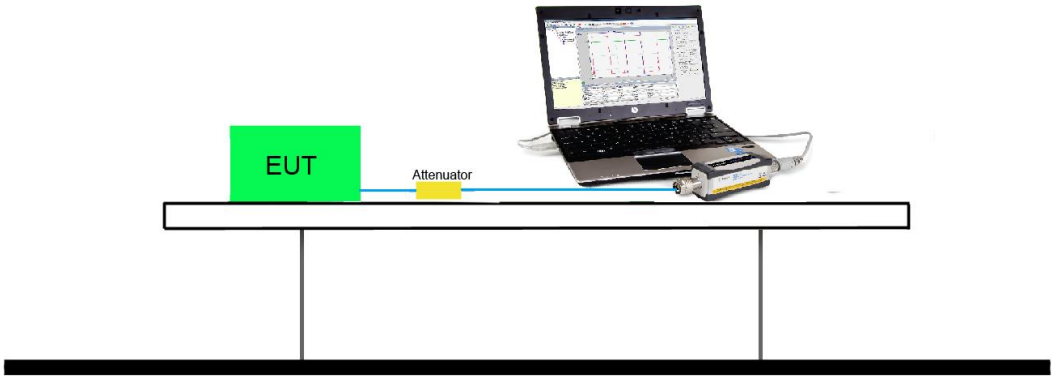
7.4.2. Test Procedure Used

KDB 789033 D02v01 - Section E) 3) b) Method PM-G

7.4.3. Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.4.4. Test Setup



7.4.5. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (yellow marker) for final test of each channel.

N_{Tx}	a	MCS Index for 802.11n	Data Rate (Mbps)			
			20MHz Bandwidth		40MHz Bandwidth	
			800ns GI	400ns GI	800ns GI	400ns GI
2	6	8	13.0	14.4	27.0	30.0
2	9	9	26.0	28.9	54.0	60.0
2	12	10	39.0	43.3	81.0	90.0
2	18	11	52.0	57.8	108.0	120.0
2	24	12	78.0	86.7	162.0	180.0
2	36	13	104.0	115.6	216.0	240.0
2	48	14	117.0	130.0	243.0	270.0
2	54	15	130.0	144.0	270.0	300.0

N_{Tx}	MCS Index for 802.11ac	Data Rate (Mbps)					
		20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
		800ns GI	400ns GI	800ns GI	400ns GI	800ns GI	400ns GI
2	10	13.0	14.4	27.0	30.0	58.6	65.0
2	11	26.0	28.8	54.0	60.0	117.0	130.0
2	12	39.0	43.4	81.0	90.0	175.6	195.0
2	13	52.0	57.8	108.0	120.0	234.0	260.0
2	14	78.0	86.6	162.0	180.0	351.0	390.0
2	15	104.0	115.6	216.0	240.0	468.0	520.0
2	16	117.0	130.0	243.0	270.0	526.6	585.0
2	17	130.0	144.4	270.0	300.0	585.0	650.0
2	18	156.0	173.4	324.0	360.0	702.0	780.0
2	19	--	--	360.0	400.0	780.0	866.6

Note: Power output test was verified over all data rates of each mode shown as above, and then choose the maximum power output (yellow marker) for final test of each channel.

Output power at various data rates for Ant 0 / Ant 0 + 1:

Test Mode	Bandwidth	Channel	Frequency (MHz)	Data Rate (Mbps)	RMS Power (dBm)
802.11a	20	60	5300	6	17.53
				24	17.37
				54	17.25
802.11n	20	60	5300	13	15.87
				14.4	15.71
				78	15.54
				86.7	15.37
				130	15.25
				144	15.14
802.11n	40	62	5310	27	20.25
				30	20.06
				162	19.88
				180	19.72
				270	19.55
				300	19.34
802.11ac	20	60	5300	13	16.60
				14.4	16.48
				78	16.33
				86.6	16.19
				156	16.02
				173.4	15.87
802.11ac	40	62	5310	27	20.32
				30	20.16
				162	20.03
				180	19.79
				360	19.56
				400	19.43

802.11ac	80	58	5290	58.6	20.51
				65	20.44
				351	20.29
				390	20.08
				780	19.78
				866.6	19.63

ANTENNA 1#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	22.26	22.02	25.15	≤ 30.00	Pass
11a	2	6	44	5220	22.87	22.95	25.92	≤ 30.00	Pass
11a	2	6	48	5240	21.92	22.45	25.20	≤ 30.00	Pass
11a	2	6	52	5260	17.01	16.85	19.94	≤ 23.98	Pass
11a	2	6	60	5300	17.53	17.48	20.52	≤ 23.98	Pass
11a	2	6	64	5320	17.10	17.16	20.14	≤ 23.98	Pass
11a	2	6	100	5500	16.51	15.49	19.04	≤ 23.98	Pass
11a	2	6	120	5600	16.16	14.74	18.52	≤ 23.98	Pass
11a	2	6	140	5700	16.43	15.42	18.97	≤ 23.98	Pass
11a	2	6	149	5745	20.10	20.14	23.13	≤ 30.00	Pass
11a	2	6	157	5785	25.34	25.63	28.50	≤ 30.00	Pass
11a	2	6	165	5825	24.82	24.76	27.80	≤ 30.00	Pass
11n-HT20	2	13	36	5180	22.13	22.43	25.29	≤ 30.00	Pass
11n-HT20	2	13	44	5220	23.17	23.25	26.22	≤ 30.00	Pass
11n-HT20	2	13	48	5240	23.06	22.65	25.87	≤ 30.00	Pass
11n-HT20	2	13	52	5260	16.72	17.31	20.04	≤ 23.98	Pass
11n-HT20	2	13	60	5300	15.87	17.07	19.52	≤ 23.98	Pass
11n-HT20	2	13	64	5320	17.61	17.54	20.58	≤ 23.98	Pass
11n-HT20	2	13	100	5500	17.43	16.08	19.82	≤ 23.98	Pass
11n-HT20	2	13	120	5600	17.04	15.33	19.28	≤ 23.98	Pass
11n-HT20	2	13	140	5700	16.42	15.38	18.94	≤ 23.98	Pass
11n-HT20	2	13	149	5745	21.31	21.80	24.57	≤ 30.00	Pass
11n-HT20	2	13	157	5785	25.10	25.44	28.28	≤ 30.00	Pass
11n-HT20	2	13	165	5825	23.25	23.03	26.15	≤ 30.00	Pass
11n-HT40	2	27	38	5190	19.11	19.03	22.08	≤ 30.00	Pass
11n-HT40	2	27	46	5230	25.14	26.01	28.61	≤ 30.00	Pass
11n-HT40	2	27	54	5270	20.12	20.01	23.08	≤ 23.98	Pass
11n-HT40	2	27	62	5310	20.25	20.42	23.35	≤ 23.98	Pass
11n-HT40	2	27	102	5510	19.93	18.83	22.43	≤ 23.98	Pass
11n-HT40	2	27	118	5590	19.67	18.41	22.10	≤ 23.98	Pass
11n-HT40	2	27	134	5670	19.92	18.55	22.30	≤ 23.98	Pass

11n-HT40	2	27	151	5755	20.85	20.51	23.69	≤ 30.00	Pass
11n-HT40	2	27	159	5795	24.73	25.04	27.90	≤ 30.00	Pass
11ac-VHT20	2	13	36	5180	22.37	23.21	25.82	≤ 30.00	Pass
11ac-VHT20	2	13	44	5220	23.54	22.94	26.26	≤ 30.00	Pass
11ac-VHT20	2	13	48	5240	22.03	22.46	25.26	≤ 30.00	Pass
11ac-VHT20	2	13	52	5260	16.66	17.53	20.13	≤ 23.98	Pass
11ac-VHT20	2	13	60	5300	16.60	17.36	20.01	≤ 23.98	Pass
11ac-VHT20	2	13	64	5320	16.92	17.16	20.05	≤ 23.98	Pass
11ac-VHT20	2	13	100	5500	17.11	16.04	19.62	≤ 23.98	Pass
11ac-VHT20	2	13	120	5600	17.06	15.48	19.35	≤ 23.98	Pass
11ac-VHT20	2	13	140	5700	16.50	15.39	18.99	≤ 23.98	Pass
11ac-VHT20	2	13	144	5720	16.37	15.55	18.99	≤ 23.98	Pass
11ac-VHT20	2	13	149	5745	21.83	22.32	25.09	≤ 30.00	Pass
11ac-VHT20	2	13	157	5785	25.13	25.55	28.36	≤ 30.00	Pass
11ac-VHT20	2	13	165	5825	24.82	24.56	27.70	≤ 30.00	Pass
11ac-VHT40	2	27	38	5190	20.03	20.36	23.21	≤ 30.00	Pass
11ac-VHT40	2	27	46	5230	26.03	26.11	29.08	≤ 30.00	Pass
11ac-VHT40	2	27	54	5270	20.57	20.62	23.61	≤ 23.98	Pass
11ac-VHT40	2	27	62	5310	20.32	20.46	23.40	≤ 23.98	Pass
11ac-VHT40	2	27	102	5510	19.57	18.89	22.25	≤ 23.98	Pass
11ac-VHT40	2	27	118	5590	20.30	18.93	22.68	≤ 23.98	Pass
11ac-VHT40	2	27	134	5670	19.92	18.60	22.32	≤ 23.98	Pass
11ac-VHT40	2	27	142	5710	19.05	17.97	21.55	≤ 23.98	Pass
11ac-VHT40	2	27	151	5755	21.39	21.06	24.24	≤ 30.00	Pass
11ac-VHT40	2	27	159	5795	24.72	24.98	27.86	≤ 30.00	Pass
11ac-VHT80	2	58.6	42	5210	18.75	18.97	21.87	≤ 30.00	Pass
11ac-VHT80	2	58.6	58	5290	15.67	15.63	18.66	≤ 23.98	Pass
11ac-VHT80	2	58.6	106	5530	15.31	13.96	17.70	≤ 23.98	Pass
11ac-VHT80	2	58.6	122	5610	21.13	19.86	23.55	≤ 23.98	Pass
11ac-VHT80	2	58.6	138	5690	20.94	19.75	23.40	≤ 23.98	Pass
11ac-VHT80	2	58.6	155	5775	16.88	16.42	19.67	≤ 30.00	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$.

ANTENNA 2#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	18.50	17.80	21.17	≤ 25.30	Pass
11a	2	6	44	5220	18.41	18.02	21.23	≤ 25.30	Pass
11a	2	6	48	5240	18.65	18.09	21.39	≤ 25.30	Pass
11a	2	6	52	5260	12.69	12.41	15.56	≤ 19.28	Pass
11a	2	6	60	5300	12.28	12.34	15.32	≤ 19.28	Pass
11a	2	6	64	5320	12.07	12.08	15.09	≤ 19.28	Pass
11a	2	6	100	5500	12.28	10.87	14.64	≤ 19.28	Pass
11a	2	6	120	5600	11.87	10.20	14.13	≤ 19.28	Pass
11a	2	6	140	5700	10.76	9.66	13.26	≤ 19.28	Pass
11a	2	6	149	5745	18.62	18.74	21.69	≤ 25.30	Pass
11a	2	6	157	5785	21.71	21.57	24.65	≤ 25.30	Pass
11a	2	6	165	5825	20.35	20.30	23.34	≤ 25.30	Pass
11n-HT20	2	13	36	5180	17.69	17.02	20.38	≤ 25.30	Pass
11n-HT20	2	13	44	5220	18.29	17.97	21.14	≤ 25.30	Pass
11n-HT20	2	13	48	5240	18.63	18.06	21.36	≤ 25.30	Pass
11n-HT20	2	13	52	5260	12.57	12.32	15.46	≤ 19.28	Pass
11n-HT20	2	13	60	5300	12.17	12.21	15.20	≤ 19.28	Pass
11n-HT20	2	13	64	5320	12.43	12.47	15.46	≤ 19.28	Pass
11n-HT20	2	13	100	5500	12.19	10.83	14.57	≤ 19.28	Pass
11n-HT20	2	13	120	5600	12.22	10.63	14.51	≤ 19.28	Pass
11n-HT20	2	13	140	5700	11.56	10.59	14.11	≤ 19.28	Pass
11n-HT20	2	13	149	5745	17.52	17.92	20.73	≤ 25.30	Pass
11n-HT20	2	13	157	5785	21.49	21.49	24.50	≤ 25.30	Pass
11n-HT20	2	13	165	5825	20.71	20.67	23.70	≤ 25.30	Pass
11n-HT40	2	27	38	5190	17.61	16.61	20.15	≤ 25.30	Pass
11n-HT40	2	27	46	5230	18.45	18.00	21.24	≤ 25.30	Pass
11n-HT40	2	27	54	5270	15.73	15.46	18.61	≤ 19.28	Pass
11n-HT40	2	27	62	5310	14.71	14.78	17.76	≤ 19.28	Pass
11n-HT40	2	27	102	5510	15.17	13.95	17.61	≤ 19.28	Pass
11n-HT40	2	27	118	5590	14.67	14.40	17.55	≤ 19.28	Pass
11n-HT40	2	27	134	5670	14.89	13.84	17.41	≤ 19.28	Pass

11n-HT40	2	27	151	5755	17.73	17.38	20.57	≤ 25.30	Pass
11n-HT40	2	27	159	5795	21.52	21.47	24.51	≤ 25.30	Pass
11ac-VHT20	2	13	36	5180	17.21	16.28	19.78	≤ 25.30	Pass
11ac-VHT20	2	13	44	5220	18.86	18.57	21.73	≤ 25.30	Pass
11ac-VHT20	2	13	48	5240	19.18	18.67	21.94	≤ 25.30	Pass
11ac-VHT20	2	13	52	5260	12.61	12.33	15.48	≤ 19.28	Pass
11ac-VHT20	2	13	60	5300	12.65	12.77	15.72	≤ 19.28	Pass
11ac-VHT20	2	13	64	5320	12.52	12.45	15.50	≤ 19.28	Pass
11ac-VHT20	2	13	100	5500	12.18	10.93	14.61	≤ 19.28	Pass
11ac-VHT20	2	13	120	5600	12.28	10.73	14.58	≤ 19.28	Pass
11ac-VHT20	2	13	140	5700	11.59	10.68	14.17	≤ 19.28	Pass
11ac-VHT20	2	13	144	5720	11.52	10.77	14.17	≤ 19.28	Pass
11ac-VHT20	2	13	149	5745	18.57	18.83	21.71	≤ 25.30	Pass
11ac-VHT20	2	13	157	5785	21.56	21.55	24.57	≤ 25.30	Pass
11ac-VHT20	2	13	165	5825	18.36	17.85	21.12	≤ 25.30	Pass
11ac-VHT40	2	27	38	5190	17.51	16.74	20.15	≤ 25.30	Pass
11ac-VHT40	2	27	46	5230	18.52	17.91	21.24	≤ 25.30	Pass
11ac-VHT40	2	27	54	5270	15.72	15.51	18.63	≤ 19.28	Pass
11ac-VHT40	2	27	62	5310	14.75	14.76	17.77	≤ 19.28	Pass
11ac-VHT40	2	27	102	5510	15.15	13.96	17.61	≤ 19.28	Pass
11ac-VHT40	2	27	118	5590	14.78	13.47	17.18	≤ 19.28	Pass
11ac-VHT40	2	27	134	5670	15.34	14.22	17.83	≤ 19.28	Pass
11ac-VHT40	2	27	142	5710	14.23	13.39	16.84	≤ 19.28	Pass
11ac-VHT40	2	27	151	5755	16.65	16.23	19.46	≤ 25.30	Pass
11ac-VHT40	2	27	159	5795	21.68	21.49	24.60	≤ 25.30	Pass
11ac-VHT80	2	58.6	42	5210	11.31	10.65	14.00	≤ 25.30	Pass
11ac-VHT80	2	58.6	58	5290	5.61	5.48	8.56	≤ 19.28	Pass
11ac-VHT80	2	58.6	106	5530	10.98	9.42	13.28	≤ 19.28	Pass
11ac-VHT80	2	58.6	122	5610	16.21	15.03	18.67	≤ 19.28	Pass
11ac-VHT80	2	58.6	138	5690	16.69	15.75	19.26	≤ 19.28	Pass
11ac-VHT80	2	58.6	155	5775	11.90	11.52	14.72	≤ 25.30	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$.

ANTENNA 3#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	10.74	10.36	13.56	≤ 27.10	Pass
11a	2	6	44	5220	10.54	10.46	13.51	≤ 27.10	Pass
11a	2	6	48	5240	10.38	10.24	13.32	≤ 27.10	Pass
11a	2	6	52	5260	16.45	16.04	19.26	≤ 21.08	Pass
11a	2	6	60	5300	15.94	15.88	18.92	≤ 21.08	Pass
11a	2	6	64	5320	16.12	16.13	19.14	≤ 21.08	Pass
11a	2	6	100	5500	16.25	14.78	18.59	≤ 21.08	Pass
11a	2	6	120	5600	15.75	13.93	17.94	≤ 21.08	Pass
11a	2	6	140	5700	15.10	13.91	17.56	≤ 21.08	Pass
11a	2	6	149	5745	20.10	20.14	23.13	≤ 27.10	Pass
11a	2	6	157	5785	23.41	23.78	26.61	≤ 27.10	Pass
11a	2	6	165	5825	23.36	23.36	26.37	≤ 27.10	Pass
11n-HT20	2	13	36	5180	10.65	9.87	13.29	≤ 27.10	Pass
11n-HT20	2	13	44	5220	10.96	10.85	13.92	≤ 27.10	Pass
11n-HT20	2	13	48	5240	10.81	10.78	13.81	≤ 27.10	Pass
11n-HT20	2	13	52	5260	16.87	16.52	19.71	≤ 21.08	Pass
11n-HT20	2	13	60	5300	16.36	16.32	19.35	≤ 21.08	Pass
11n-HT20	2	13	64	5320	16.06	16.08	19.08	≤ 21.08	Pass
11n-HT20	2	13	100	5500	16.09	14.69	18.46	≤ 21.08	Pass
11n-HT20	2	13	120	5600	16.10	14.44	18.36	≤ 21.08	Pass
11n-HT20	2	13	140	5700	15.40	14.43	17.95	≤ 21.08	Pass
11n-HT20	2	13	149	5745	20.60	21.25	23.95	≤ 27.10	Pass
11n-HT20	2	13	157	5785	23.28	23.68	26.49	≤ 27.10	Pass
11n-HT20	2	13	165	5825	23.85	23.74	26.81	≤ 27.10	Pass
11n-HT40	2	27	38	5190	10.88	10.71	13.81	≤ 27.10	Pass
11n-HT40	2	27	46	5230	10.54	10.55	13.56	≤ 27.10	Pass
11n-HT40	2	27	54	5270	17.81	17.54	20.69	≤ 20.98	Pass
11n-HT40	2	27	62	5310	17.84	17.85	20.86	≤ 21.08	Pass
11n-HT40	2	27	102	5510	18.16	17.02	20.64	≤ 21.08	Pass
11n-HT40	2	27	118	5590	18.28	16.91	20.66	≤ 21.08	Pass
11n-HT40	2	27	134	5670	17.91	16.53	20.28	≤ 21.08	Pass

11n-HT40	2	27	151	5755	18.78	18.42	21.61	≤ 27.10	Pass
11n-HT40	2	27	159	5795	23.54	23.67	26.62	≤ 27.10	Pass
11ac-VHT20	2	13	36	5180	11.30	10.35	13.86	≤ 27.10	Pass
11ac-VHT20	2	13	44	5220	11.02	10.45	13.75	≤ 27.10	Pass
11ac-VHT20	2	13	48	5240	10.89	10.76	13.84	≤ 27.10	Pass
11ac-VHT20	2	13	52	5260	16.86	16.58	19.73	≤ 21.08	Pass
11ac-VHT20	2	13	60	5300	16.46	16.34	19.41	≤ 21.08	Pass
11ac-VHT20	2	13	64	5320	16.05	16.13	19.10	≤ 21.08	Pass
11ac-VHT20	2	13	100	5500	16.08	14.69	18.45	≤ 21.08	Pass
11ac-VHT20	2	13	120	5600	16.06	14.48	18.35	≤ 21.08	Pass
11ac-VHT20	2	13	140	5700	15.40	14.44	17.96	≤ 21.08	Pass
11ac-VHT20	2	13	144	5720	15.24	14.53	17.91	≤ 21.08	Pass
11ac-VHT20	2	13	149	5745	20.58	21.25	23.94	≤ 27.10	Pass
11ac-VHT20	2	13	157	5785	23.27	23.73	26.52	≤ 27.10	Pass
11ac-VHT20	2	13	165	5825	23.27	23.22	26.26	≤ 27.10	Pass
11ac-VHT40	2	27	38	5190	10.88	10.71	13.81	≤ 27.10	Pass
11ac-VHT40	2	27	46	5230	10.62	10.45	13.55	≤ 27.10	Pass
11ac-VHT40	2	27	54	5270	17.77	17.59	20.69	≤ 21.08	Pass
11ac-VHT40	2	27	62	5310	17.85	17.86	20.87	≤ 21.08	Pass
11ac-VHT40	2	27	102	5510	18.19	17.02	20.65	≤ 21.08	Pass
11ac-VHT40	2	27	118	5590	18.29	16.91	20.66	≤ 21.08	Pass
11ac-VHT40	2	27	134	5670	18.49	17.04	20.84	≤ 21.08	Pass
11ac-VHT40	2	27	142	5710	18.32	17.23	20.82	≤ 21.08	Pass
11ac-VHT40	2	27	151	5755	17.75	17.29	20.54	≤ 27.10	Pass
11ac-VHT40	2	27	159	5795	23.52	23.72	26.63	≤ 27.10	Pass
11ac-VHT80	2	58.6	42	5210	10.94	10.92	13.94	≤ 27.10	Pass
11ac-VHT80	2	58.6	58	5290	13.17	13.12	16.16	≤ 21.08	Pass
11ac-VHT80	2	58.6	106	5530	12.78	11.41	15.16	≤ 21.08	Pass
11ac-VHT80	2	58.6	122	5610	18.26	17.25	20.79	≤ 21.08	Pass
11ac-VHT80	2	58.6	138	5690	18.19	17.01	20.65	≤ 21.08	Pass
11ac-VHT80	2	58.6	155	5775	13.4	13.04	16.23	≤ 27.10	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$.

ANTENNA 4#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	14.61	14.01	17.33	≤ 30.00	Pass
11a	2	6	44	5220	21.02	20.44	23.75	≤ 30.00	Pass
11a	2	6	48	5240	23.50	23.02	26.28	≤ 30.00	Pass
11a	2	6	52	5260	10.64	10.43	13.55	≤ 14.40	Pass
11a	2	6	60	5300	10.28	10.28	13.29	≤ 14.40	Pass
11a	2	6	64	5320	10.01	10.07	13.05	≤ 14.40	Pass
11a	2	6	100	5500	10.13	8.90	12.57	≤ 14.40	Pass
11a	2	6	120	5600	9.72	8.23	12.05	≤ 14.40	Pass
11a	2	6	140	5700	9.15	8.26	11.74	≤ 14.40	Pass
11a	2	6	149	5745	19.12	19.19	22.17	≤ 30.00	Pass
11a	2	6	157	5785	25.34	25.63	28.50	≤ 30.00	Pass
11a	2	6	165	5825	22.57	21.96	25.29	≤ 30.00	Pass
11n-HT20	2	13	36	5180	15.60	14.85	18.25	≤ 30.00	Pass
11n-HT20	2	13	44	5220	20.92	20.39	23.67	≤ 30.00	Pass
11n-HT20	2	13	48	5240	23.48	23.21	26.36	≤ 30.00	Pass
11n-HT20	2	13	52	5260	10.52	10.32	13.43	≤ 14.40	Pass
11n-HT20	2	13	60	5300	10.65	10.72	13.70	≤ 14.40	Pass
11n-HT20	2	13	64	5320	10.38	10.46	13.43	≤ 14.40	Pass
11n-HT20	2	13	100	5500	10.62	9.39	13.06	≤ 14.40	Pass
11n-HT20	2	13	120	5600	10.08	8.64	12.43	≤ 14.40	Pass
11n-HT20	2	13	140	5700	9.51	8.66	12.12	≤ 14.40	Pass
11n-HT20	2	13	149	5745	18.56	18.82	21.70	≤ 30.00	Pass
11n-HT20	2	13	157	5785	25.10	25.44	28.28	≤ 30.00	Pass
11n-HT20	2	13	165	5825	22.42	21.93	25.19	≤ 30.00	Pass
11n-HT40	2	27	38	5190	14.41	13.67	17.07	≤ 30.00	Pass
11n-HT40	2	27	46	5230	20.36	19.97	23.18	≤ 30.00	Pass
11n-HT40	2	27	54	5270	11.10	10.86	13.99	≤ 14.40	Pass
11n-HT40	2	27	62	5310	11.26	11.21	14.25	≤ 14.40	Pass
11n-HT40	2	27	102	5510	11.64	10.47	14.10	≤ 14.40	Pass
11n-HT40	2	27	118	5590	11.71	10.35	14.09	≤ 14.40	Pass
11n-HT40	2	27	134	5670	11.32	10.15	13.78	≤ 14.40	Pass

11n-HT40	2	27	151	5755	15.64	15.32	18.49	≤ 30.00	Pass
11n-HT40	2	27	159	5795	24.17	24.66	27.43	≤ 30.00	Pass
11ac-VHT20	2	13	36	5180	15.75	14.93	18.37	≤ 30.00	Pass
11ac-VHT20	2	13	44	5220	16.21	15.38	18.83	≤ 30.00	Pass
11ac-VHT20	2	13	48	5240	15.91	15.24	18.60	≤ 30.00	Pass
11ac-VHT20	2	13	52	5260	10.57	10.29	13.44	≤ 14.40	Pass
11ac-VHT20	2	13	60	5300	10.23	10.22	13.24	≤ 14.40	Pass
11ac-VHT20	2	13	64	5320	9.98	9.95	12.98	≤ 14.40	Pass
11ac-VHT20	2	13	100	5500	10.69	9.36	13.09	≤ 14.40	Pass
11ac-VHT20	2	13	120	5600	10.19	8.65	12.50	≤ 14.40	Pass
11ac-VHT20	2	13	140	5700	9.65	8.66	12.19	≤ 14.40	Pass
11ac-VHT20	2	13	144	5720	9.47	8.73	12.13	≤ 14.40	Pass
11ac-VHT20	2	13	149	5745	18.07	18.24	21.17	≤ 30.00	Pass
11ac-VHT20	2	13	157	5785	25.13	25.55	28.36	≤ 30.00	Pass
11ac-VHT20	2	13	165	5825	22.51	22.08	25.31	≤ 30.00	Pass
11ac-VHT40	2	27	38	5190	14.51	13.73	17.15	≤ 30.00	Pass
11ac-VHT40	2	27	46	5230	18.39	17.87	21.15	≤ 30.00	Pass
11ac-VHT40	2	27	54	5270	11.19	10.88	14.05	≤ 14.40	Pass
11ac-VHT40	2	27	62	5310	11.21	11.32	14.28	≤ 14.40	Pass
11ac-VHT40	2	27	102	5510	11.62	10.47	14.09	≤ 14.40	Pass
11ac-VHT40	2	27	118	5590	11.74	10.37	14.12	≤ 14.40	Pass
11ac-VHT40	2	27	134	5670	11.37	10.15	13.81	≤ 14.40	Pass
11ac-VHT40	2	27	142	5710	11.24	10.36	13.83	≤ 14.40	Pass
11ac-VHT40	2	27	151	5755	16.14	15.82	18.99	≤ 30.00	Pass
11ac-VHT40	2	27	159	5795	24.72	24.98	27.86	≤ 30.00	Pass
11ac-VHT80	2	58.6	42	5210	5.50	5.61	8.57	≤ 30.00	Pass
11ac-VHT80	2	58.6	58	5290	4.79	5.56	8.20	≤ 14.40	Pass
11ac-VHT80	2	58.6	106	5530	5.97	4.18	8.18	≤ 14.40	Pass
11ac-VHT80	2	58.6	122	5610	11.75	10.55	14.20	≤ 14.40	Pass
11ac-VHT80	2	58.6	138	5690	11.51	10.49	14.04	≤ 14.40	Pass
11ac-VHT80	2	58.6	155	5775	11.42	11.06	14.25	≤ 30.00	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$.

E.I.R.P above 30 degree elevation ANTENNA 2#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	> 30 Degree Peak Gain (dBi)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	18.50	17.80	-2	19.17	21	Pass
11a	2	6	44	5220	18.41	18.02	-2	19.23	21	Pass
11a	2	6	48	5240	18.65	18.09	-2	19.39	21	Pass
11n-HT20	2	13	36	5180	17.69	17.02	-2	18.38	21	Pass
11n-HT20	2	13	44	5220	18.29	17.97	-2	19.14	21	Pass
11n-HT20	2	13	48	5240	18.63	18.06	-2	19.36	21	Pass
11n-HT40	2	27	38	5190	17.61	16.61	-2	18.15	21	Pass
11n-HT40	2	27	46	5230	18.45	18.00	-2	19.24	21	Pass
11ac-VHT20	2	13	36	5180	17.21	16.28	-2	17.78	21	Pass
11ac-VHT20	2	13	44	5220	18.86	18.57	-2	19.73	21	Pass
11ac-VHT20	2	13	48	5240	19.18	18.67	-2	19.94	21	Pass
11ac-VHT40	2	27	38	5190	17.51	16.74	-2	18.15	21	Pass
11ac-VHT40	2	27	46	5230	18.52	17.91	-2	19.24	21	Pass
11ac-VHT80	2	58.6	42	5210	11.31	10.65	-2	12.00	21	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$ + Degree Peak Gain(dBi).

E.I.R.P above 30 degree elevation ANTENNA 3#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	> 30 Degree Peak Gain (dBi)	Total Average Power (dBm)	Limit (dBm)	Result
11a	2	6	36	5180	10.74	10.36	7	20.56	21	Pass
11a	2	6	44	5220	10.54	10.46	7	20.51	21	Pass
11a	2	6	48	5240	10.38	10.24	7	20.32	21	Pass
11n-HT20	2	13	36	5180	10.65	9.87	7	20.29	21	Pass
11n-HT20	2	13	44	5220	10.96	10.85	7	20.92	21	Pass
11n-HT20	2	13	48	5240	10.81	10.78	7	20.81	21	Pass
11n-HT40	2	27	38	5190	10.88	10.71	7	20.81	21	Pass
11n-HT40	2	27	46	5230	10.54	10.55	7	20.56	21	Pass
11ac-VHT20	2	13	36	5180	11.30	10.35	7	20.86	21	Pass
11ac-VHT20	2	13	44	5220	11.02	10.45	7	20.75	21	Pass
11ac-VHT20	2	13	48	5240	10.89	10.76	7	20.84	21	Pass
11ac-VHT40	2	27	38	5190	10.88	10.71	7	20.81	21	Pass
11ac-VHT40	2	27	46	5230	10.62	10.45	7	20.55	21	Pass
11ac-VHT80	2	58.6	42	5210	10.94	10.92	7	20.94	21	Pass

Note: The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)}+10^{(\text{Ant 1 Average Power }/10)}\}$ + Degree Peak Gain(dBi).

7.5. Transmit Power Control

7.5.1. Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

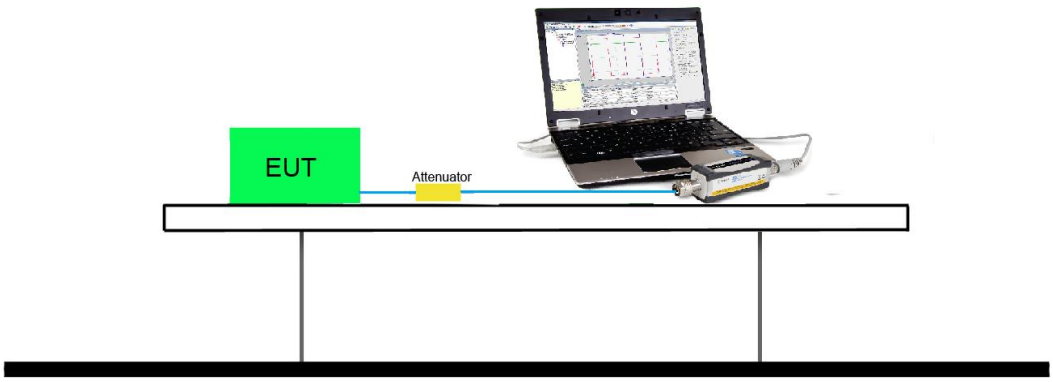
7.5.2. Test Procedure Used

KDB 789033 D02v01 - Section E) 3) b) Method PM-G

7.5.3. Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.5.4. Test Setup



7.5.5. Test Result

ANTENNA 1#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
11a	2	6	52	5260	10.20	10.08	18.84	24	Pass
11a	2	6	60	5300	10.72	10.71	19.42	24	Pass
11a	2	6	64	5320	10.29	10.39	19.04	24	Pass
11a	2	6	100	5500	9.70	8.72	17.94	24	Pass
11a	2	6	120	5600	9.35	7.97	17.41	24	Pass
11a	2	6	140	5700	9.62	8.65	17.86	24	Pass
11n-HT20	2	13	52	5260	9.91	10.54	18.94	24	Pass
11n-HT20	2	13	60	5300	9.06	10.30	18.42	24	Pass
11n-HT20	2	13	64	5320	10.80	10.77	19.49	24	Pass
11n-HT20	2	13	100	5500	10.62	9.31	18.71	24	Pass
11n-HT20	2	13	120	5600	10.23	8.56	18.18	24	Pass
11n-HT20	2	13	140	5700	9.61	8.61	17.84	24	Pass
11n-HT40	2	27	54	5270	13.31	13.24	21.98	24	Pass
11n-HT40	2	27	62	5310	13.44	13.65	22.25	24	Pass
11n-HT40	2	27	102	5510	13.12	12.06	21.32	24	Pass
11n-HT40	2	27	118	5590	12.86	11.64	20.99	24	Pass
11n-HT40	2	27	134	5670	13.11	11.78	21.20	24	Pass
11ac-VHT20	2	13	52	5260	9.85	10.76	19.03	24	Pass
11ac-VHT20	2	13	60	5300	9.79	10.59	18.91	24	Pass
11ac-VHT20	2	13	64	5320	10.11	10.39	18.95	24	Pass
11ac-VHT20	2	13	100	5500	10.30	9.27	18.52	24	Pass
11ac-VHT20	2	13	120	5600	10.25	8.71	18.25	24	Pass
11ac-VHT20	2	13	140	5700	9.69	8.62	17.89	24	Pass
11ac-VHT20	2	13	144	5720	9.56	8.78	17.89	24	Pass
11ac-VHT40	2	27	54	5270	13.76	13.85	22.51	24	Pass
11ac-VHT40	2	27	62	5310	13.51	13.69	22.30	24	Pass
11ac-VHT40	2	27	102	5510	12.76	12.12	21.15	24	Pass
11ac-VHT40	2	27	118	5590	13.49	12.16	21.58	24	Pass
11ac-VHT40	2	27	134	5670	13.11	11.83	21.22	24	Pass
11ac-VHT40	2	27	142	5710	12.24	11.20	20.45	24	Pass
11ac-VHT80	2	58.6	58	5290	13.70	13.88	22.49	24	Pass

11ac-VHT80	2	58.6	106	5530	14.69	13.58	22.87	24	Pass
11ac-VHT80	2	58.6	122	5610	14.32	13.09	22.45	24	Pass
11ac-VHT80	2	58.6	138	5690	14.13	12.98	22.29	24	Pass

Note: Total TPC Power (dBm) = $10*\log\{10^{(\text{Ant 0 TPC Power }/10)}+10^{(\text{Ant 1 TPC Power }/10)}\}$ + Antena Gain(dBi).

ANTENNA 2#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
11a	2	6	52	5260	4.94	5.79	19.10	24	Pass
11a	2	6	60	5300	4.62	4.98	18.51	24	Pass
11a	2	6	64	5320	5.06	5.45	18.97	24	Pass
11a	2	6	100	5500	5.54	4.84	18.91	24	Pass
11a	2	6	120	5600	4.48	3.39	17.68	24	Pass
11a	2	6	140	5700	4.38	3.52	17.68	24	Pass
11n-HT20	2	13	52	5260	5.54	4.88	18.93	24	Pass
11n-HT20	2	13	60	5300	5.20	5.46	19.04	24	Pass
11n-HT20	2	13	64	5320	4.22	5.27	18.49	24	Pass
11n-HT20	2	13	100	5500	4.64	4.60	18.33	24	Pass
11n-HT20	2	13	120	5600	4.10	3.78	17.65	24	Pass
11n-HT20	2	13	140	5700	4.59	3.50	17.79	24	Pass
11n-HT40	2	27	54	5270	8.49	8.27	22.09	24	Pass
11n-HT40	2	27	62	5310	6.87	7.09	20.69	24	Pass
11n-HT40	2	27	102	5510	7.73	6.88	21.04	24	Pass
11n-HT40	2	27	118	5590	6.83	6.71	20.48	24	Pass
11n-HT40	2	27	134	5670	7.05	6.15	20.33	24	Pass
11ac-VHT20	2	13	52	5260	4.93	5.07	18.71	24	Pass
11ac-VHT20	2	13	60	5300	5.39	5.59	19.20	24	Pass
11ac-VHT20	2	13	64	5320	4.86	5.26	18.77	24	Pass
11ac-VHT20	2	13	100	5500	4.98	4.07	18.26	24	Pass
11ac-VHT20	2	13	120	5600	5.21	3.93	18.33	24	Pass
11ac-VHT20	2	13	140	5700	4.11	2.99	17.30	24	Pass
11ac-VHT20	2	13	144	5720	4.63	3.57	17.84	24	Pass
11ac-VHT40	2	27	54	5270	8.26	8.07	21.88	24	Pass
11ac-VHT40	2	27	62	5310	6.91	7.07	20.70	24	Pass
11ac-VHT40	2	27	102	5510	7.63	6.72	20.91	24	Pass
11ac-VHT40	2	27	118	5590	7.81	6.73	21.01	24	Pass
11ac-VHT40	2	27	134	5670	7.50	6.53	20.75	24	Pass
11ac-VHT40	2	27	142	5710	7.42	6.63	20.75	24	Pass
11ac-VHT80	2	58.6	58	5290	-0.24	-0.57	13.31	24	Pass
11ac-VHT80	2	58.6	106	5530	6.71	5.47	19.84	24	Pass

11ac-VHT80	2	58.6	122	5610	8.37	7.34	21.60	24	Pass
11ac-VHT80	2	58.6	138	5690	8.85	8.06	22.18	24	Pass

Note: Total TPC Power (dBm) = $10*\log\{10^{(\text{Ant 0 TPC Power }/10)}+10^{(\text{Ant 1 TPC Power }/10)}\}$ + Antena Gain(dBi).

ANTENNA 3#

Test Mode	N_{Tx}	Data Rate (Mbps)	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
11a	2	6	52	5260	6.89	7.44	19.08	24	Pass
11a	2	6	60	5300	5.72	7.39	18.55	24	Pass
11a	2	6	64	5320	6.91	7.23	18.98	24	Pass
11a	2	6	100	5500	6.97	6.19	18.51	24	Pass
11a	2	6	120	5600	7.00	5.79	18.35	24	Pass
11a	2	6	140	5700	5.85	5.03	17.37	24	Pass
11n-HT20	2	13	52	5260	7.55	6.62	19.02	24	Pass
11n-HT20	2	13	60	5300	7.02	7.15	19.00	24	Pass
11n-HT20	2	13	64	5320	6.73	7.08	18.82	24	Pass
11n-HT20	2	13	100	5500	6.81	5.99	18.33	24	Pass
11n-HT20	2	13	120	5600	5.70	5.59	17.56	24	Pass
11n-HT20	2	13	140	5700	6.24	5.45	17.77	24	Pass
11n-HT40	2	27	54	5270	10.76	10.94	22.76	24	Pass
11n-HT40	2	27	62	5310	9.66	9.94	21.71	24	Pass
11n-HT40	2	27	102	5510	10.05	9.09	21.51	24	Pass
11n-HT40	2	27	118	5590	8.74	8.54	20.55	24	Pass
11n-HT40	2	27	134	5670	9.33	8.38	20.79	24	Pass
11ac-VHT20	2	13	52	5260	7.63	7.33	19.39	24	Pass
11ac-VHT20	2	13	60	5300	7.20	7.29	19.16	24	Pass
11ac-VHT20	2	13	64	5320	6.65	6.91	18.69	24	Pass
11ac-VHT20	2	13	100	5500	6.01	5.94	17.89	24	Pass
11ac-VHT20	2	13	120	5600	6.21	4.98	17.55	24	Pass
11ac-VHT20	2	13	140	5700	6.16	5.40	17.71	24	Pass
11ac-VHT20	2	13	144	5720	6.18	5.38	17.71	24	Pass
11ac-VHT40	2	27	54	5270	10.08	9.91	21.91	24	Pass
11ac-VHT40	2	27	62	5310	9.68	9.82	21.66	24	Pass
11ac-VHT40	2	27	102	5510	9.88	9.00	21.37	24	Pass
11ac-VHT40	2	27	118	5590	9.68	8.53	21.05	24	Pass
11ac-VHT40	2	27	134	5670	9.30	8.19	20.69	24	Pass
11ac-VHT40	2	27	142	5710	9.30	8.49	20.82	24	Pass
11ac-VHT80	2	58.6	58	5290	6.16	6.19	18.09	24	Pass
11ac-VHT80	2	58.6	106	5530	9.61	8.33	20.93	24	Pass