▣ Straddle channels TEST RESULTS_Ant 2

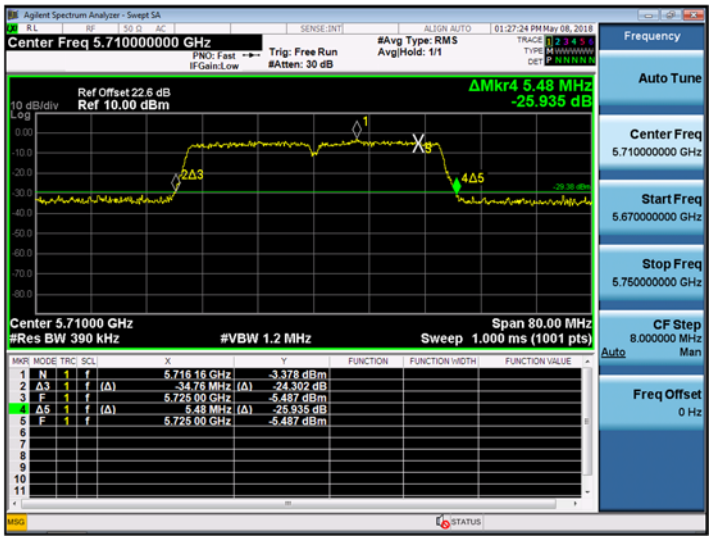
Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.76	N/A	Pass
802.11ac			35.08	N/A	Pass

Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	5.48	N/A	Pass
802.11ac			5.32	N/A	Pass

▣ Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 2

802.11n_HT40 CH.142 Bandwidth	802.11ac_VHT40 CH.142 Bandwidth
	

▣ Straddle channels TEST RESULTS_Ant 3

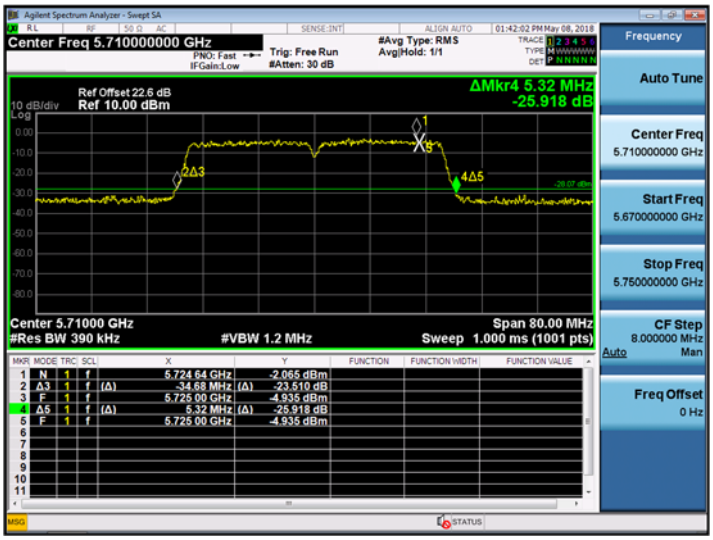
Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.84	N/A	Pass
802.11ac			34.68	N/A	Pass

Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	5.16	N/A	Pass
802.11ac			5.32	N/A	Pass

▣ Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 3

802.11n_HT40 CH.142 Bandwidth	802.11ac_VHT40 CH.142 Bandwidth
	

▣ Straddle channels TEST RESULTS_Ant 0

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 2C Band)

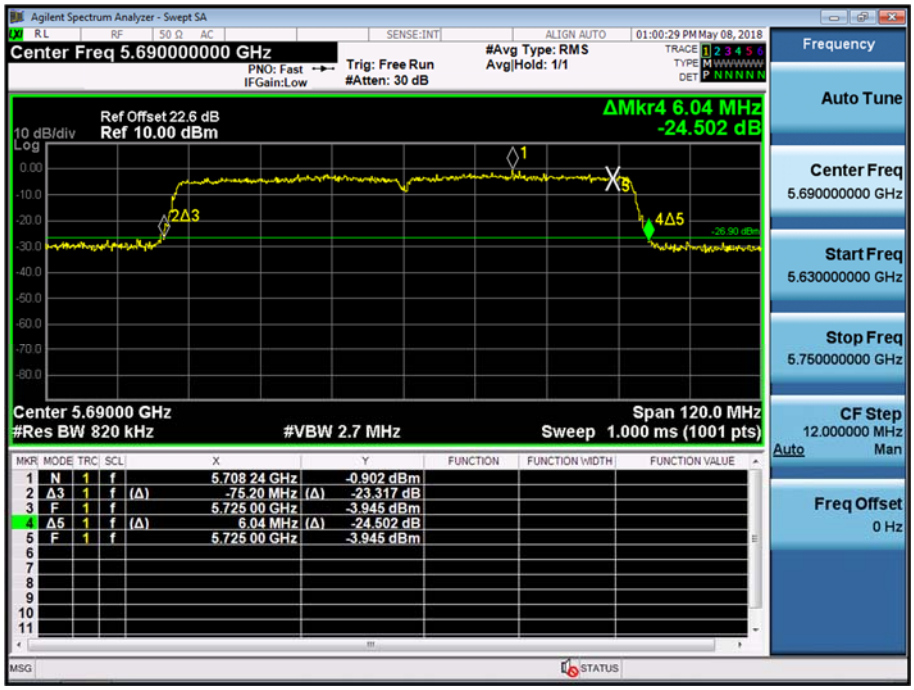
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.20	N/A	Pass

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.04	N/A	Pass

▣ Straddle channels TEST Plot for 802.11ac_VHT80_Ant 0

802.11ac_VHT80 CH.138 Bandwidth



▣ Straddle channels TEST RESULTS_Ant 1

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.80	N/A	Pass

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.28	N/A	Pass

▣ Straddle channels TEST Plot for 802.11ac_VHT80_Ant 1

802.11ac_VHT80 CH.138 Bandwidth

▣ Straddle channels TEST RESULTS_Ant 2

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.44	N/A	Pass

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.40	N/A	Pass

▣ Straddle channels TEST Plot for 802.11ac_VHT80_Ant 2

802.11ac_VHT80 CH.138 Bandwidth

▣ Straddle channels TEST RESULTS_Ant 3

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 2C Band)

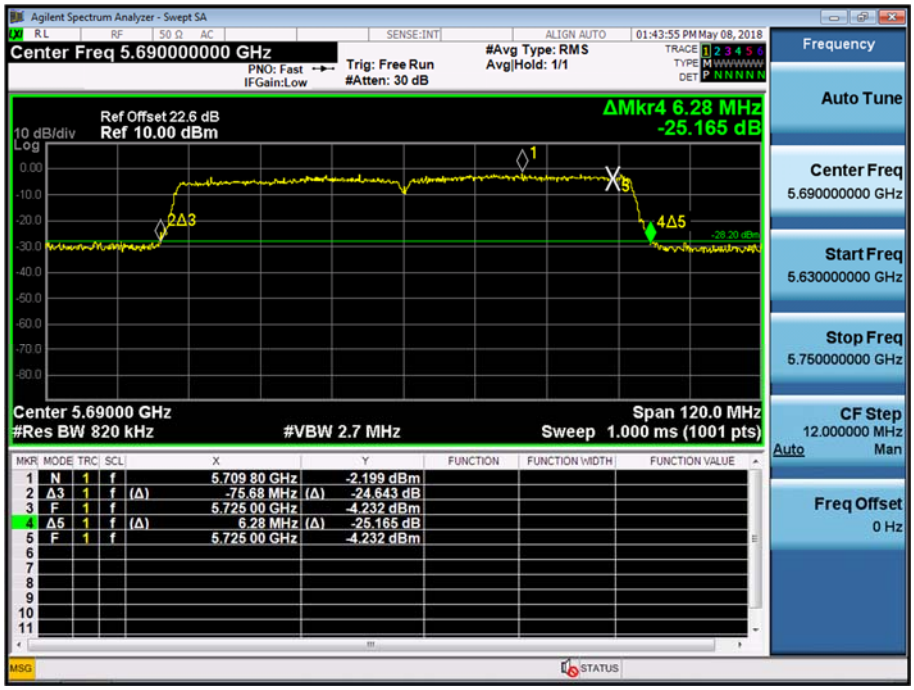
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.68	N/A	Pass

Conducted Bandwidth Measurements for 802.11ac_VHT80 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.28	N/A	Pass

▣ Straddle channels TEST Plot for 802.11ac_VHT80_Ant 3

802.11ac_VHT80 CH.138 Bandwidth



9.3 OUTPUT POWER MEASUREMENT

Test Requirements and limit, §15.407(a)(1)

A transmitter antenna terminal of EUT is connected to the input of a Power meter or Spectrum Analyzer .Measurement is made while the EUT is operating in transmission mode at the appropriate frequencies.

▣ Limit

Band	Mode	Limit (dBm)
UNII 1	802.11a,n,ac	30.00
UNII 2A	802.11a,n,ac	23.98
UNII 2C	802.11a,n,ac	23.98
UNII 3	802.11a,n,ac	30.00

▣ Limit (Include Beamforming)

Operating Mode	Band	Mode	Operating Ant.	Ant. Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	Ant 0 & 1 & 2 & 3	6.486	29.514
	UNII 2A		Ant 0 & 1 & 2 & 3	6.800	23.179
	UNII 2C		Ant 0 & 1 & 2 & 3	6.482	23.497
	UNII 3		Ant 0 & 1 & 2 & 3	6.478	29.522
MIMO	UNII 1	802.11a/n/ac	Ant 0 & 1 & 2 & 3	6.486	29.514
	UNII 2A			6.800	23.179
	UNII 2C			6.482	23.497
	UNII 3			6.478	29.522
MIMO	UNII 1	802.11ac (Beamforming)	Ant 0 & 1 & 2 & 3	12.51	23.49
	UNII 2A			12.82	17.16
	UNII 2C			12.50	17.48
	UNII 3			12.50	23.50

Note : 1. If all antennas have the same gain,

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power measurements on IEEE 802.11 devices

Directional gain(dBi) = G_{ANT} + Array Gain

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$ (Without Beamforming)

Array Gain(Power) = 10 log(N_{ANT}/Nss) dB (Include Beamforming).

(according to KDB662911 D01 v02r01)

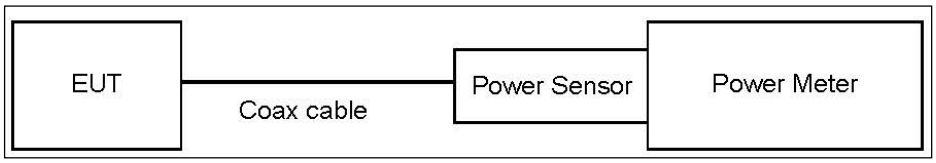
2. Limit is calculated by antenna gain.

3. Beamforming is only supported 802.11ac

4. The limits of maximum conducted power were applied the antenna gain. Therefore, if conducted power is pass, e.i.r.p. is also pass. So, we attached only conducted power table.

5. This EUT is supported the 1Tx~4Tx. Because worst case is 4Tx summation power, so we attached only the results for 1Tx single power and 4Tx summation conducted power.

▣ TEST CONFIGURATION(20 MHz BW)



▣ TEST PROCEDURE(20 MHz BW)

▪ Average Power (Procedure E.3.a in KDB 789033 D02 v02r01).

1. Measure the duty cycle.
2. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
3. Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

Note :

1. We apply to the offset in the 5 GHz range that was rounded off to the closest 20 dB.
2. We apply the offset of 5 GHz band is 21.5dB.

(Actual value of loss for the attenuator and cable combination)

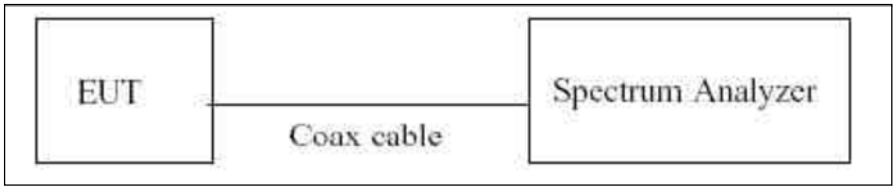
3. MIMO output power results are calculated by each antenna output power on MIMO operating mode.
So, in case of MIMO output power, we attached only MIMO output power except each antenna power result.

▣ Sample Calculation (Conducted)

Output Power = Reading Value + ATT loss + Cable loss(1 ea) + Duty Cycle Factor

Ex) Output Power = 10 dBm + 20 dB + 1.17 dB + 0.2 dB = 31.0 dBm

▣ TEST CONFIGURATION(40 MHz BW & 80 MHz BW & 160 MHz BW)



▣ TEST PROCEDURE(40 MHz BW & 80 MHz BW & 160 MHz BW)

▪ Average Power

The transmitter output is connected to the Spectrum Analyzer. We use the spectrum analyzer's integrated band power measurement function. We tested according to Method SA-2 in KDB 789033 D02 v02r01.

The Spectrum Analyzer is set to

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2*span/RBW.
6. Sweep time = auto.
7. Detector = RMS.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging(RMS) mode
10. Integrated bandwidth = OBW
11. Add 10log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

▣ Sample Calculation (Conducted)

Output Power = Reading Value + ATT loss + Cable loss(1 ea) + Duty Cycle Factor

▣ Sample Calculation (EIRP)

Output Power = Reading Value + ATT loss + Cable loss(1 ea) + Duty Cycle Factor + Ant gain

Note.

1. Spectrum reading values are not plot data. The Output Power results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset = Attenuator loss + Cable loss
3. We apply the offset of 5 GHz band is 21.5dB.

(Actual value of loss for the attenuator and cable combination)

4. MIMO output power results are calculated by each antenna output power on MIMO operating mode.

So, in case of MIMO output power, we attached only MIMO output power except each antenna power result.

9.3.1 TRANSMIT POWER CONTROL(TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

TPC is required as the device operates only 802.11ac at above 500 mW (27dBm) EIRP.

Band	Mode	Channel Bandwidth (MHz)	Frequency Range (MHz)	Ant.0 Power (dBm)	Ant.1 Power (dBm)	Ant.2 Power (dBm)	Ant.3 Power (dBm)	Ant. 0 & 1 & 2 & 4 Power (dBm)
UNII2A	802.11a	20	5260 – 5320	9.37	9.26	9.76	10.00	15.62
	802.11n	20	5260 – 5320	9.87	9.68	10.07	10.35	16.02
	802.11n	40	5270 – 5310	9.31	9.42	9.64	10.02	15.62
	802.11ac	20	5260 – 5320	3.42	3.14	3.70	3.91	9.57
	802.11ac	40	5270 – 5310	3.33	3.09	3.67	3.93	9.53
	802.11ac	80	5290	3.36	3.05	3.81	3.89	9.55
	802.11ac	160	5210 + 5290	3.25		3.53		6.40
UNII2C	802.11a	20	5500 – 5720	8.47	7.47	8.32	7.91	14.07
	802.11n	20	5500 – 5720	8.44	7.43	8.24	7.82	14.01
	802.11n	40	5510 – 5710	8.65	8.28	8.72	7.84	14.40
	802.11ac	20	5500 – 5720	2.57	1.65	2.45	1.81	8.15
	802.11ac	40	5510 – 5710	3.07	2.01	3.10	2.42	8.68
	802.11ac	80	5530 – 5690	2.92	2.71	3.11	1.96	8.71
	802.11ac	160	5530 + 5610	9.21		8.21		5.73

- This device only applied TPC to the 802.11ac
- Antenna Gain : UNII 2A = 12.82 dBi, UNII 2C = 12.50dBi (only 802.11 ac)

Maximum Conducted Power(Yellow Mark) + Antenna Gain(MIMO) =

UNII2A : 16.02 dBm + 6.800 dBi = 22.82 dBm

UNII2C : 8.71 dBm + 12.500 dBi = 21.21 dBm

Ant.0

802.11a (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5180~5240)

802.11a(20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	0.220	13.23	13.45	29.514
		9	0.215	13.03	13.24	29.514
		12	0.203	13.24	13.44	29.514
		18	0.212	13.01	13.22	29.514
		24	0.208	12.84	13.05	29.514
		36	0.268	12.72	12.99	29.514
		48	0.358	12.73	13.09	29.514
		54	0.388	12.76	13.15	29.514
5200	40	6	0.220	13.16	13.38	29.514
		9	0.215	12.91	13.12	29.514
		12	0.203	12.93	13.13	29.514
		18	0.212	12.83	13.04	29.514
		24	0.208	12.79	13.00	29.514
		36	0.268	12.40	12.66	29.514
		48	0.358	12.53	12.89	29.514
		54	0.388	12.47	12.86	29.514
5240	48	6	0.220	13.30	13.52	29.514
		9	0.215	12.98	13.19	29.514
		12	0.203	13.20	13.40	29.514
		18	0.212	12.99	13.20	29.514
		24	0.208	12.92	13.13	29.514
		36	0.268	12.87	13.14	29.514
		48	0.358	12.69	13.05	29.514
		54	0.388	12.72	13.11	29.514

Ant.1

802.11a (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5180~5240)

802.11a(20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	0.220	13.56	13.78	29.514
		9	0.215	13.55	13.76	29.514
		12	0.203	13.31	13.51	29.514
		18	0.212	13.47	13.68	29.514
		24	0.208	13.45	13.66	29.514
		36	0.268	13.46	13.73	29.514
		48	0.358	13.44	13.80	29.514
		54	0.388	13.46	13.85	29.514
5200	40	6	0.220	13.49	13.71	29.514
		9	0.215	13.41	13.62	29.514
		12	0.203	13.23	13.43	29.514
		18	0.212	13.32	13.53	29.514
		24	0.208	13.17	13.38	29.514
		36	0.268	13.21	13.48	29.514
		48	0.358	13.36	13.71	29.514
		54	0.388	13.35	13.74	29.514
5240	48	6	0.220	13.20	13.42	29.514
		9	0.215	13.08	13.29	29.514
		12	0.203	13.13	13.33	29.514
		18	0.212	13.23	13.44	29.514
		24	0.208	13.11	13.32	29.514
		36	0.268	13.13	13.40	29.514
		48	0.358	13.04	13.40	29.514
		54	0.388	13.10	13.49	29.514

Ant.2

802.11a (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5180~5240)

802.11a(20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	0.220	13.90	14.12	29.514
		9	0.215	13.95	14.16	29.514
		12	0.203	13.85	14.05	29.514
		18	0.212	13.84	14.05	29.514
		24	0.208	13.78	13.99	29.514
		36	0.268	13.65	13.92	29.514
		48	0.358	13.75	14.11	29.514
		54	0.388	13.58	13.97	29.514
5200	40	6	0.220	13.68	13.90	29.514
		9	0.215	13.80	14.01	29.514
		12	0.203	13.54	13.74	29.514
		18	0.212	13.52	13.73	29.514
		24	0.208	13.60	13.81	29.514
		36	0.268	13.47	13.74	29.514
		48	0.358	13.69	14.05	29.514
		54	0.388	13.27	13.65	29.514
5240	48	6	0.220	13.75	13.97	29.514
		9	0.215	13.86	14.07	29.514
		12	0.203	13.75	13.95	29.514
		18	0.212	13.93	14.14	29.514
		24	0.208	13.71	13.92	29.514
		36	0.268	13.61	13.88	29.514
		48	0.358	13.67	14.03	29.514
		54	0.388	13.55	13.94	29.514

Ant.3

802.11a (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5180~5240)

802.11a(20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	0.220	13.78	14.00	29.514
		9	0.215	13.87	14.08	29.514
		12	0.203	13.73	13.93	29.514
		18	0.212	13.67	13.88	29.514
		24	0.208	13.82	14.03	29.514
		36	0.268	13.60	13.87	29.514
		48	0.358	13.61	13.97	29.514
		54	0.388	13.58	13.97	29.514
5200	40	6	0.220	13.58	13.80	29.514
		9	0.215	13.77	13.99	29.514
		12	0.203	13.42	13.63	29.514
		18	0.212	13.42	13.63	29.514
		24	0.208	13.68	13.89	29.514
		36	0.268	13.53	13.80	29.514
		48	0.358	13.43	13.79	29.514
		54	0.388	13.52	13.90	29.514
5240	48	6	0.220	13.73	13.95	29.514
		9	0.215	13.73	13.94	29.514
		12	0.203	13.61	13.81	29.514
		18	0.212	13.81	14.02	29.514
		24	0.208	13.57	13.78	29.514
		36	0.268	13.45	13.72	29.514
		48	0.358	13.43	13.79	29.514
		54	0.388	13.26	13.65	29.514

▣ TEST RESULTS_Sum Data of Ant.0, Ant.1, Ant. 2, Ant. 3 (UNII 1)

Conducted Output Power Measurements (802.11a Mode: 5180~5240)

802.11a Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5180	36	6	19.86	29.514
		9	19.84	29.514
		12	19.76	29.514
		18	19.74	29.514
		24	19.71	29.514
		36	19.65	29.514
		48	19.77	29.514
		54	19.76	29.514
5200	40	6	19.72	29.514
		9	19.71	29.514
		12	19.51	29.514
		18	19.51	29.514
		24	19.55	29.514
		36	19.45	29.514
		48	19.64	29.514
		54	19.57	29.514
5240	48	6	19.74	29.514
		9	19.66	29.514
		12	19.65	29.514
		18	19.73	29.514
		24	19.56	29.514
		36	19.56	29.514
		48	19.59	29.514
		54	19.57	29.514

Ant.0

802.11a (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5260~5320)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	0.220	9.10	9.32	23.179
		9	0.215	8.88	9.09	23.179
		12	0.203	8.91	9.11	23.179
		18	0.212	8.78	8.99	23.179
		24	0.208	8.91	9.12	23.179
		36	0.268	8.72	8.99	23.179
		48	0.358	8.82	9.18	23.179
		54	0.388	8.52	8.91	23.179
5300	60	6	0.220	9.00	9.22	23.179
		9	0.215	8.64	8.85	23.179
		12	0.203	8.69	8.90	23.179
		18	0.212	8.62	8.83	23.179
		24	0.208	8.75	8.95	23.179
		36	0.268	8.40	8.67	23.179
		48	0.358	8.68	9.03	23.179
		54	0.388	8.44	8.83	23.179
5320	64	6	0.220	9.15	9.37	23.179
		9	0.215	8.79	9.00	23.179
		12	0.203	8.96	9.16	23.179
		18	0.212	8.76	8.97	23.179
		24	0.208	8.74	8.95	23.179
		36	0.268	8.60	8.87	23.179
		48	0.358	8.69	9.05	23.179
		54	0.388	8.48	8.87	23.179

Ant.1

802.11a (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5260~5320)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	0.220	8.96	9.18	23.179
		9	0.215	8.83	9.04	23.179
		12	0.203	8.99	9.19	23.179
		18	0.212	8.86	9.07	23.179
		24	0.208	8.79	9.00	23.179
		36	0.268	8.80	9.07	23.179
		48	0.358	8.90	9.26	23.179
		54	0.388	8.59	8.98	23.179
5300	60	6	0.220	8.82	9.04	23.179
		9	0.215	8.50	8.72	23.179
		12	0.203	8.70	8.90	23.179
		18	0.212	8.72	8.93	23.179
		24	0.208	8.70	8.91	23.179
		36	0.268	8.55	8.82	23.179
		48	0.358	8.57	8.93	23.179
		54	0.388	8.44	8.82	23.179
5320	64	6	0.220	8.84	9.06	23.179
		9	0.215	8.79	9.00	23.179
		12	0.203	8.66	8.86	23.179
		18	0.212	8.71	8.92	23.179
		24	0.208	8.50	8.71	23.179
		36	0.268	8.60	8.87	23.179
		48	0.358	8.75	9.11	23.179
		54	0.388	8.45	8.84	23.179

Ant.2

802.11a (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5260~5320)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	0.220	9.45	9.67	23.179
		9	0.215	9.55	9.76	23.179
		12	0.203	9.45	9.65	23.179
		18	0.212	9.52	9.73	23.179
		24	0.208	9.27	9.48	23.179
		36	0.268	9.32	9.59	23.179
		48	0.358	9.22	9.58	23.179
		54	0.388	9.33	9.72	23.179
5300	60	6	0.220	9.13	9.35	23.179
		9	0.215	9.41	9.63	23.179
		12	0.203	9.29	9.50	23.179
		18	0.212	9.38	9.59	23.179
		24	0.208	9.08	9.29	23.179
		36	0.268	9.23	9.50	23.179
		48	0.358	8.87	9.23	23.179
		54	0.388	9.02	9.41	23.179
5320	64	6	0.220	9.09	9.31	23.179
		9	0.215	9.37	9.58	23.179
		12	0.203	9.28	9.48	23.179
		18	0.212	9.32	9.53	23.179
		24	0.208	8.94	9.15	23.179
		36	0.268	9.17	9.44	23.179
		48	0.358	9.06	9.42	23.179
		54	0.388	9.00	9.39	23.179

Ant.3

802.11a (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5260~5320)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	0.220	9.63	9.85	23.179
		9	0.215	9.79	10.00	23.179
		12	0.203	9.62	9.82	23.179
		18	0.212	9.76	9.97	23.179
		24	0.208	9.51	9.72	23.179
		36	0.268	9.69	9.96	23.179
		48	0.358	9.62	9.98	23.179
		54	0.388	9.52	9.91	23.179
5300	60	6	0.220	9.31	9.53	23.179
		9	0.215	9.55	9.76	23.179
		12	0.203	9.46	9.66	23.179
		18	0.212	9.67	9.88	23.179
		24	0.208	9.17	9.37	23.179
		36	0.268	9.37	9.64	23.179
		48	0.358	9.52	9.87	23.179
		54	0.388	9.28	9.67	23.179
5320	64	6	0.220	9.50	9.72	23.179
		9	0.215	9.52	9.73	23.179
		12	0.203	9.36	9.56	23.179
		18	0.212	9.51	9.72	23.179
		24	0.208	9.21	9.42	23.179
		36	0.268	9.28	9.55	23.179
		48	0.358	9.17	9.53	23.179
		54	0.388	9.20	9.59	23.179

▣ TEST RESULTS_ Sum Data of Ant.0, Ant.1, Ant. 2, Ant. 3 (UNII 2A)

Conducted Output Power Measurements (802.11a Mode: 5260~5320)

802.11a Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5260	52	6	15.53	23.179
		9	15.51	23.179
		12	15.47	23.179
		18	15.47	23.179
		24	15.35	23.179
		36	15.43	23.179
		48	15.52	23.179
		54	15.41	23.179
5300	60	6	15.31	23.179
		9	15.27	23.179
		12	15.27	23.179
		18	15.34	23.179
		24	15.15	23.179
		36	15.19	23.179
		48	15.30	23.179
		54	15.21	23.179
5320	64	6	15.39	23.179
		9	15.36	23.179
		12	15.29	23.179
		18	15.31	23.179
		24	15.08	23.179
		36	15.21	23.179
		48	15.30	23.179
		54	15.20	23.179

Ant.0

802.11a (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5500~5720)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	0.220	8.15	8.37	23.497
		9	0.215	7.91	8.12	23.497
		12	0.203	8.07	8.27	23.497
		18	0.212	7.88	8.09	23.497
		24	0.208	7.85	8.06	23.497
		36	0.268	7.67	7.94	23.497
		48	0.358	7.77	8.13	23.497
		54	0.388	7.44	7.83	23.497
5600	120	6	0.220	7.31	7.53	23.497
		9	0.215	7.44	7.65	23.497
		12	0.203	7.28	7.48	23.497
		18	0.212	7.16	7.37	23.497
		24	0.208	7.37	7.58	23.497
		36	0.268	7.14	7.41	23.497
		48	0.358	7.34	7.70	23.497
		54	0.388	7.07	7.46	23.497
5720	144	6	0.220	8.25	8.47	23.497
		9	0.215	7.93	8.14	23.497
		12	0.203	8.01	8.21	23.497
		18	0.212	8.01	8.22	23.497
		24	0.208	7.87	8.08	23.497
		36	0.268	7.84	8.11	23.497
		48	0.358	7.81	8.17	23.497
		54	0.388	7.63	8.02	23.497

Ant.1

802.11a (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5500~5720)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	0.220	7.10	7.32	23.497
		9	0.215	7.09	7.30	23.497
		12	0.203	7.27	7.47	23.497
		18	0.212	7.15	7.36	23.497
		24	0.208	7.12	7.33	23.497
		36	0.268	6.99	7.26	23.497
		48	0.358	7.01	7.37	23.497
		54	0.388	6.97	7.36	23.497
5600	120	6	0.220	6.48	6.70	23.497
		9	0.215	6.43	6.64	23.497
		12	0.203	6.48	6.68	23.497
		18	0.212	6.32	6.53	23.497
		24	0.208	6.53	6.74	23.497
		36	0.268	6.56	6.83	23.497
		48	0.358	6.59	6.95	23.497
		54	0.388	6.33	6.72	23.497
5720	144	6	0.220	6.77	6.99	23.497
		9	0.215	6.75	6.96	23.497
		12	0.203	6.92	7.12	23.497
		18	0.212	6.80	7.01	23.497
		24	0.208	6.60	6.81	23.497
		36	0.268	6.70	6.97	23.497
		48	0.358	6.64	7.00	23.497
		54	0.388	6.63	7.02	23.497

Ant.2

802.11a (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5500~5720)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	0.220	8.08	8.30	23.497
		9	0.215	8.11	8.32	23.497
		12	0.203	7.95	8.15	23.497
		18	0.212	8.08	8.29	23.497
		24	0.208	7.87	8.08	23.497
		36	0.268	7.91	8.18	23.497
		48	0.358	7.67	8.03	23.497
		54	0.388	7.76	8.15	23.497
5600	120	6	0.220	7.58	7.80	23.497
		9	0.215	7.39	7.60	23.497
		12	0.203	7.49	7.69	23.497
		18	0.212	7.91	8.12	23.497
		24	0.208	7.36	7.57	23.497
		36	0.268	7.28	7.55	23.497
		48	0.358	7.17	7.53	23.497
		54	0.388	7.12	7.51	23.497
5720	144	6	0.220	7.49	7.71	23.497
		9	0.215	7.43	7.64	23.497
		12	0.203	7.57	7.77	23.497
		18	0.212	7.55	7.76	23.497
		24	0.208	7.33	7.54	23.497
		36	0.268	7.35	7.62	23.497
		48	0.358	7.36	7.72	23.497
		54	0.388	7.24	7.63	23.497

Ant.3

802.11a (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5500~5720)

802.11a Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	0.220	7.51	7.73	23.497
		9	0.215	7.54	7.75	23.497
		12	0.203	7.40	7.60	23.497
		18	0.212	7.70	7.91	23.497
		24	0.208	7.29	7.50	23.497
		36	0.268	7.56	7.83	23.497
		48	0.358	7.27	7.63	23.497
		54	0.388	7.43	7.82	23.497
5600	120	6	0.220	6.20	6.42	23.497
		9	0.215	5.80	6.01	23.497
		12	0.203	6.22	6.42	23.497
		18	0.212	6.08	6.29	23.497
		24	0.208	5.78	5.99	23.497
		36	0.268	5.83	6.10	23.497
		48	0.358	5.74	6.10	23.497
		54	0.388	5.65	6.04	23.497
5720	144	6	0.220	4.80	5.02	23.497
		9	0.215	4.63	4.84	23.497
		12	0.203	4.87	5.07	23.497
		18	0.212	4.80	5.01	23.497
		24	0.208	4.75	4.96	23.497
		36	0.268	5.03	5.30	23.497
		48	0.358	4.75	5.11	23.497
		54	0.388	4.82	5.21	23.497

▣ TEST RESULTS_ Sum Data of Ant.0, Ant.1, Ant. 2, Ant. 3 (UNII 2C)

Conducted Output Power Measurements (802.11a Mode: 5500~5720)

802.11a Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5500	100	6	13.96	23.497
		9	13.91	23.497
		12	13.90	23.497
		18	13.94	23.497
		24	13.77	23.497
		36	13.83	23.497
		48	13.81	23.497
		54	13.81	23.497
5600	120	6	13.15	23.497
		9	13.03	23.497
		12	13.11	23.497
		18	13.13	23.497
		24	13.01	23.497
		36	13.01	23.497
		48	13.11	23.497
		54	12.97	23.497
5720	144	6	13.16	23.497
		9	13.01	23.497
		12	13.15	23.497
		18	13.11	23.497
		24	12.94	23.497
		36	13.08	23.497
		48	13.09	23.497
		54	13.05	23.497

Ant.0

802.11a (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5745~5825)

802.11a (20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	0.220	14.76	14.98	29.522
		9	0.215	14.59	14.80	29.522
		12	0.203	14.72	14.92	29.522
		18	0.212	14.70	14.91	29.522
		24	0.208	14.54	14.75	29.522
		36	0.268	14.55	14.82	29.522
		48	0.358	14.62	14.98	29.522
		54	0.388	14.57	14.96	29.522
5785	157	6	0.220	14.03	14.25	29.522
		9	0.215	14.00	14.21	29.522
		12	0.203	14.15	14.35	29.522
		18	0.212	14.06	14.27	29.522
		24	0.208	13.93	14.14	29.522
		36	0.268	14.04	14.30	29.522
		48	0.358	13.87	14.23	29.522
		54	0.388	13.78	14.16	29.522
5825	165	6	0.220	14.06	14.28	29.522
		9	0.215	14.04	14.26	29.522
		12	0.203	13.95	14.16	29.522
		18	0.212	14.08	14.29	29.522
		24	0.208	14.00	14.21	29.522
		36	0.268	13.91	14.18	29.522
		48	0.358	13.94	14.30	29.522
		54	0.388	13.76	14.15	29.522

Ant.1

802.11a (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5745~5825)

802.11a (20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	0.220	13.59	13.81	29.522
		9	0.215	13.55	13.77	29.522
		12	0.203	13.63	13.84	29.522
		18	0.212	13.66	13.87	29.522
		24	0.208	13.56	13.77	29.522
		36	0.268	13.55	13.82	29.522
		48	0.358	13.54	13.90	29.522
		54	0.388	13.45	13.84	29.522
5785	157	6	0.220	13.30	13.52	29.522
		9	0.215	13.23	13.45	29.522
		12	0.203	13.32	13.52	29.522
		18	0.212	13.31	13.53	29.522
		24	0.208	13.22	13.42	29.522
		36	0.268	13.14	13.41	29.522
		48	0.358	13.19	13.55	29.522
		54	0.388	13.12	13.50	29.522
5825	165	6	0.220	13.11	13.33	29.522
		9	0.215	13.14	13.36	29.522
		12	0.203	13.17	13.37	29.522
		18	0.212	13.10	13.31	29.522
		24	0.208	13.13	13.33	29.522
		36	0.268	12.94	13.21	29.522
		48	0.358	13.03	13.39	29.522
		54	0.388	12.96	13.35	29.522

Ant.2

802.11a (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5745~5825)

802.11a (20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	0.220	14.51	14.73	29.522
		9	0.215	14.39	14.60	29.522
		12	0.203	14.26	14.46	29.522
		18	0.212	14.29	14.50	29.522
		24	0.208	14.36	14.57	29.522
		36	0.268	14.17	14.44	29.522
		48	0.358	14.23	14.59	29.522
		54	0.388	14.04	14.43	29.522
5785	157	6	0.220	14.40	14.62	29.522
		9	0.215	14.21	14.43	29.522
		12	0.203	14.26	14.46	29.522
		18	0.212	14.35	14.57	29.522
		24	0.208	14.13	14.33	29.522
		36	0.268	14.09	14.36	29.522
		48	0.358	14.17	14.52	29.522
		54	0.388	14.01	14.40	29.522
5825	165	6	0.220	13.65	13.87	29.522
		9	0.215	13.60	13.81	29.522
		12	0.203	13.57	13.78	29.522
		18	0.212	13.67	13.88	29.522
		24	0.208	13.49	13.70	29.522
		36	0.268	13.48	13.75	29.522
		48	0.358	13.45	13.81	29.522
		54	0.388	13.29	13.68	29.522

Ant.3

802.11a (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11a Mode: 5745~5825)

802.11a (20MHz) Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	0.220	14.11	14.33	29.522
		9	0.215	13.97	14.18	29.522
		12	0.203	14.05	14.25	29.522
		18	0.212	14.22	14.44	29.522
		24	0.208	13.93	14.14	29.522
		36	0.268	14.02	14.29	29.522
		48	0.358	14.01	14.37	29.522
		54	0.388	13.81	14.20	29.522
5785	157	6	0.220	13.69	13.91	29.522
		9	0.215	13.55	13.77	29.522
		12	0.203	13.63	13.83	29.522
		18	0.212	13.69	13.90	29.522
		24	0.208	13.57	13.78	29.522
		36	0.268	13.50	13.76	29.522
		48	0.358	13.42	13.78	29.522
		54	0.388	13.39	13.78	29.522
5825	165	6	0.220	14.15	14.37	29.522
		9	0.215	13.97	14.19	29.522
		12	0.203	14.18	14.38	29.522
		18	0.212	14.00	14.22	29.522
		24	0.208	13.85	14.06	29.522
		36	0.268	14.01	14.28	29.522
		48	0.358	13.94	14.30	29.522
		54	0.388	13.76	14.14	29.522

▣ TEST RESULTS_ Sum Data of Ant.0, Ant.1, Ant. 2, Ant. 3 (UNII 3)

Conducted Output Power Measurements (802.11a Mode: 5745~5825)

802.11a Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5745	149	6	20.50	29.522
		9	20.37	29.522
		12	20.40	29.522
		18	20.46	29.522
		24	20.34	29.522
		36	20.37	29.522
		48	20.49	29.522
		54	20.39	29.522
5785	157	6	20.11	29.522
		9	19.99	29.522
		12	20.07	29.522
		18	20.10	29.522
		24	19.95	29.522
		36	19.99	29.522
		48	20.05	29.522
		54	19.99	29.522
5825	165	6	19.99	29.522
		9	19.93	29.522
		12	19.95	29.522
		18	19.95	29.522
		24	19.85	29.522
		36	19.88	29.522
		48	19.98	29.522
		54	19.86	29.522

Ant.0

802.11n _HT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5180~5240)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.215	13.08	13.30	29.514
		1	0.212	12.73	12.94	29.514
		2	0.206	12.99	13.20	29.514
		3	0.196	12.72	12.92	29.514
		4	0.280	12.79	13.07	29.514
		5	0.353	12.50	12.85	29.514
		6	0.393	12.61	13.00	29.514
		7	0.418	12.45	12.87	29.514
5200	40	0	0.215	13.01	13.23	29.514
		1	0.212	12.52	12.73	29.514
		2	0.206	12.78	12.99	29.514
		3	0.196	12.66	12.85	29.514
		4	0.280	12.52	12.80	29.514
		5	0.353	12.33	12.68	29.514
		6	0.393	12.29	12.68	29.514
		7	0.418	12.16	12.58	29.514
5240	48	0	0.215	13.02	13.24	29.514
		1	0.212	12.80	13.01	29.514
		2	0.206	12.94	13.15	29.514
		3	0.196	12.72	12.92	29.514
		4	0.280	12.80	13.08	29.514
		5	0.353	12.70	13.05	29.514
		6	0.393	12.83	13.22	29.514
		7	0.418	12.57	12.99	29.514

Ant.1

802.11n_HT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5180~5240)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.215	13.21	13.43	29.514
		1	0.212	13.23	13.44	29.514
		2	0.206	13.32	13.53	29.514
		3	0.196	13.16	13.36	29.514
		4	0.280	13.11	13.39	29.514
		5	0.353	13.02	13.37	29.514
		6	0.393	12.96	13.35	29.514
		7	0.418	12.97	13.39	29.514
5200	40	0	0.215	12.94	13.16	29.514
		1	0.212	12.99	13.21	29.514
		2	0.206	13.11	13.31	29.514
		3	0.196	12.87	13.06	29.514
		4	0.280	12.77	13.05	29.514
		5	0.353	12.92	13.27	29.514
		6	0.393	12.86	13.26	29.514
		7	0.418	12.84	13.26	29.514
5240	48	0	0.215	13.00	13.22	29.514
		1	0.212	13.03	13.24	29.514
		2	0.206	13.04	13.25	29.514
		3	0.196	12.96	13.16	29.514
		4	0.280	12.91	13.19	29.514
		5	0.353	12.93	13.28	29.514
		6	0.393	12.85	13.24	29.514
		7	0.418	12.80	13.22	29.514

Ant.2

802.11n_HT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5180~5240)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.215	13.84	14.06	29.514
		1	0.212	13.83	14.04	29.514
		2	0.206	13.71	13.92	29.514
		3	0.196	13.75	13.95	29.514
		4	0.280	13.52	13.80	29.514
		5	0.353	13.44	13.79	29.514
		6	0.393	13.36	13.75	29.514
		7	0.418	13.38	13.80	29.514
5200	40	0	0.215	13.62	13.84	29.514
		1	0.212	13.53	13.74	29.514
		2	0.206	13.57	13.78	29.514
		3	0.196	13.65	13.85	29.514
		4	0.280	13.22	13.50	29.514
		5	0.353	13.24	13.59	29.514
		6	0.393	13.18	13.57	29.514
		7	0.418	13.12	13.54	29.514
5240	48	0	0.215	13.56	13.78	29.514
		1	0.212	13.62	13.83	29.514
		2	0.206	13.50	13.71	29.514
		3	0.196	13.57	13.77	29.514
		4	0.280	13.45	13.73	29.514
		5	0.353	13.36	13.71	29.514
		6	0.393	13.26	13.65	29.514
		7	0.418	13.24	13.66	29.514

Ant.3

802.11n_HT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5180~5240)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.215	13.64	13.86	29.514
		1	0.212	13.77	13.98	29.514
		2	0.206	13.71	13.92	29.514
		3	0.196	13.74	13.94	29.514
		4	0.280	13.54	13.82	29.514
		5	0.353	13.51	13.86	29.514
		6	0.393	13.42	13.81	29.514
		7	0.418	13.43	13.85	29.514
5200	40	0	0.215	13.39	13.61	29.514
		1	0.212	13.50	13.71	29.514
		2	0.206	13.41	13.62	29.514
		3	0.196	13.47	13.67	29.514
		4	0.280	13.24	13.53	29.514
		5	0.353	13.23	13.58	29.514
		6	0.393	13.36	13.75	29.514
		7	0.418	13.26	13.67	29.514
5240	48	0	0.215	13.58	13.80	29.514
		1	0.212	13.67	13.88	29.514
		2	0.206	13.39	13.60	29.514
		3	0.196	13.55	13.75	29.514
		4	0.280	13.30	13.58	29.514
		5	0.353	13.40	13.75	29.514
		6	0.393	13.29	13.68	29.514
		7	0.418	13.32	13.74	29.514

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 1)

Conducted Output Power Measurements (802.11n_HT20 Mode: 5180~5240)

802.11n_HT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5180	36	0	19.68	29.514
		1	19.63	29.514
		2	19.66	29.514
		3	19.57	29.514
		4	19.55	29.514
		5	19.50	29.514
		6	19.51	29.514
		7	19.50	29.514
5200	40	0	19.48	29.514
		1	19.38	29.514
		2	19.45	29.514
		3	19.39	29.514
		4	19.24	29.514
		5	19.31	29.514
		6	19.34	29.514
		7	19.29	29.514
5240	48	0	19.53	29.514
		1	19.52	29.514
		2	19.45	29.514
		3	19.42	29.514
		4	19.42	29.514
		5	19.48	29.514
		6	19.47	29.514
		7	19.43	29.514

Ant.0

802.11n_HT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5260~5320)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.215	9.65	9.87	23.179
		1	0.212	9.46	9.67	23.179
		2	0.206	9.41	9.62	23.179
		3	0.196	9.38	9.58	23.179
		4	0.280	9.08	9.36	23.179
		5	0.353	9.16	9.51	23.179
		6	0.393	9.02	9.41	23.179
		7	0.418	9.27	9.69	23.179
5300	60	0	0.215	9.46	9.67	23.179
		1	0.212	9.33	9.54	23.179
		2	0.206	9.18	9.39	23.179
		3	0.196	9.14	9.34	23.179
		4	0.280	8.94	9.22	23.179
		5	0.353	9.02	9.37	23.179
		6	0.393	8.68	9.07	23.179
		7	0.418	9.13	9.55	23.179
5320	64	0	0.215	9.58	9.80	23.179
		1	0.212	9.35	9.56	23.179
		2	0.206	9.50	9.71	23.179
		3	0.196	9.29	9.49	23.179
		4	0.280	9.33	9.61	23.179
		5	0.353	9.20	9.55	23.179
		6	0.393	9.26	9.65	23.179
		7	0.418	9.12	9.54	23.179

Ant.1

802.11n_HT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5260~5320)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.215	9.42	9.64	23.179
		1	0.212	9.46	9.67	23.179
		2	0.206	9.36	9.57	23.179
		3	0.196	9.27	9.47	23.179
		4	0.280	9.26	9.54	23.179
		5	0.353	9.33	9.68	23.179
		6	0.393	9.19	9.58	23.179
		7	0.418	9.21	9.63	23.179
5300	60	0	0.215	9.36	9.58	23.179
		1	0.212	9.30	9.51	23.179
		2	0.206	9.09	9.30	23.179
		3	0.196	9.06	9.25	23.179
		4	0.280	8.96	9.24	23.179
		5	0.353	9.09	9.45	23.179
		6	0.393	8.88	9.27	23.179
		7	0.418	9.09	9.51	23.179
5320	64	0	0.215	9.23	9.45	23.179
		1	0.212	8.94	9.15	23.179
		2	0.206	9.04	9.25	23.179
		3	0.196	9.07	9.27	23.179
		4	0.280	8.96	9.24	23.179
		5	0.353	9.00	9.35	23.179
		6	0.393	8.92	9.31	23.179
		7	0.418	8.80	9.22	23.179

Ant.2

802.11n_HT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5260~5320)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.215	9.72	9.94	23.179
		1	0.212	9.74	9.95	23.179
		2	0.206	9.86	10.07	23.179
		3	0.196	9.62	9.82	23.179
		4	0.280	9.71	9.99	23.179
		5	0.353	9.54	9.89	23.179
		6	0.393	9.37	9.76	23.179
		7	0.418	9.52	9.94	23.179
5300	60	0	0.215	9.55	9.77	23.179
		1	0.212	9.51	9.72	23.179
		2	0.206	9.52	9.72	23.179
		3	0.196	9.31	9.50	23.179
		4	0.280	9.37	9.65	23.179
		5	0.353	9.38	9.74	23.179
		6	0.393	9.24	9.64	23.179
		7	0.418	9.25	9.66	23.179
5320	64	0	0.215	9.66	9.88	23.179
		1	0.212	9.58	9.79	23.179
		2	0.206	9.49	9.70	23.179
		3	0.196	9.44	9.64	23.179
		4	0.280	9.34	9.62	23.179
		5	0.353	9.50	9.85	23.179
		6	0.393	9.26	9.65	23.179
		7	0.418	9.31	9.73	23.179

Ant.3

802.11n_HT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5260~5320)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.215	10.03	10.25	23.179
		1	0.212	10.07	10.28	23.179
		2	0.206	10.14	10.35	23.179
		3	0.196	9.86	10.06	23.179
		4	0.280	9.99	10.27	23.179
		5	0.353	9.92	10.27	23.179
		6	0.393	9.85	10.24	23.179
		7	0.418	9.69	10.11	23.179
5300	60	0	0.215	9.80	10.01	23.179
		1	0.212	9.97	10.18	23.179
		2	0.206	9.97	10.18	23.179
		3	0.196	9.75	9.95	23.179
		4	0.280	9.92	10.20	23.179
		5	0.353	9.82	10.18	23.179
		6	0.393	9.72	10.11	23.179
		7	0.418	9.48	9.89	23.179
5320	64	0	0.215	9.66	9.88	23.179
		1	0.212	9.77	9.98	23.179
		2	0.206	9.71	9.92	23.179
		3	0.196	9.70	9.90	23.179
		4	0.280	9.61	9.89	23.179
		5	0.353	9.71	10.06	23.179
		6	0.393	9.51	9.90	23.179
		7	0.418	9.52	9.94	23.179

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2A)

Conducted Output Power Measurements 802.11n_HT20 Mode: 5260~5320)

802.11n_HT20 Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5260	52	0	15.94	23.179
		1	15.92	23.179
		2	15.92	23.179
		3	15.75	23.179
		4	15.82	23.179
		5	15.87	23.179
		6	15.78	23.179
		7	15.86	23.179
5300	60	0	15.78	23.179
		1	15.76	23.179
		2	15.67	23.179
		3	15.53	23.179
		4	15.61	23.179
		5	15.71	23.179
		6	15.55	23.179
		7	15.68	23.179
5320	64	0	15.77	23.179
		1	15.65	23.179
		2	15.66	23.179
		3	15.59	23.179
		4	15.61	23.179
		5	15.73	23.179
		6	15.65	23.179
		7	15.63	23.179

Ant.0

802.11n_HT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5500~5720)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.215	8.22	8.44	23.497
		1	0.212	7.89	8.10	23.497
		2	0.206	8.00	8.21	23.497
		3	0.196	7.72	7.92	23.497
		4	0.280	7.75	8.03	23.497
		5	0.353	7.60	7.95	23.497
		6	0.393	7.65	8.04	23.497
		7	0.418	7.46	7.88	23.497
5600	120	0	0.215	7.47	7.69	23.497
		1	0.212	7.18	7.39	23.497
		2	0.206	7.45	7.66	23.497
		3	0.196	7.06	7.26	23.497
		4	0.280	7.21	7.49	23.497
		5	0.353	7.04	7.39	23.497
		6	0.393	7.16	7.55	23.497
		7	0.418	7.00	7.42	23.497
5720	144	0	0.215	8.21	8.43	23.497
		1	0.212	8.01	8.22	23.497
		2	0.206	7.99	8.20	23.497
		3	0.196	7.64	7.84	23.497
		4	0.280	7.88	8.16	23.497
		5	0.353	7.60	7.95	23.497
		6	0.393	7.99	8.38	23.497
		7	0.418	7.77	8.19	23.497

Ant.1

802.11n_HT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5500~5720)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.215	7.20	7.42	23.497
		1	0.212	7.16	7.37	23.497
		2	0.206	7.20	7.41	23.497
		3	0.196	7.03	7.23	23.497
		4	0.280	7.05	7.33	23.497
		5	0.353	7.08	7.43	23.497
		6	0.393	6.86	7.25	23.497
		7	0.418	6.99	7.41	23.497
5600	120	0	0.215	6.43	6.65	23.497
		1	0.212	6.37	6.58	23.497
		2	0.206	6.23	6.44	23.497
		3	0.196	6.21	6.41	23.497
		4	0.280	6.43	6.71	23.497
		5	0.353	6.43	6.78	23.497
		6	0.393	6.31	6.70	23.497
		7	0.418	6.37	6.79	23.497
5720	144	0	0.215	6.79	7.01	23.497
		1	0.212	6.79	7.00	23.497
		2	0.206	6.69	6.90	23.497
		3	0.196	6.42	6.62	23.497
		4	0.280	6.76	7.04	23.497
		5	0.353	6.45	6.80	23.497
		6	0.393	6.62	7.01	23.497
		7	0.418	6.63	7.05	23.497

Ant.2

802.11n_HT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5500~5720)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.215	7.87	8.09	23.497
		1	0.212	7.91	8.12	23.497
		2	0.206	8.03	8.24	23.497
		3	0.196	7.98	8.18	23.497
		4	0.280	7.71	7.99	23.497
		5	0.353	7.77	8.12	23.497
		6	0.393	7.68	8.07	23.497
		7	0.418	7.82	8.24	23.497
5600	120	0	0.215	7.42	7.64	23.497
		1	0.212	7.32	7.53	23.497
		2	0.206	7.45	7.66	23.497
		3	0.196	7.15	7.35	23.497
		4	0.280	7.19	7.47	23.497
		5	0.353	7.31	7.66	23.497
		6	0.393	7.03	7.42	23.497
		7	0.418	7.14	7.56	23.497
5720	144	0	0.215	7.37	7.59	23.497
		1	0.212	7.51	7.72	23.497
		2	0.206	7.30	7.51	23.497
		3	0.196	7.24	7.44	23.497
		4	0.280	7.30	7.58	23.497
		5	0.353	7.20	7.55	23.497
		6	0.393	7.18	7.57	23.497
		7	0.418	7.22	7.64	23.497

Ant.3

802.11n_HT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5500~5720)

802.11n_HT20 Mode		Rate (Mbps)	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.215	7.47	7.69	23.497
		1	0.212	7.61	7.82	23.497
		2	0.206	7.53	7.74	23.497
		3	0.196	7.43	7.63	23.497
		4	0.280	7.31	7.59	23.497
		5	0.353	7.44	7.79	23.497
		6	0.393	7.29	7.68	23.497
		7	0.418	7.34	7.76	23.497
5600	120	0	0.215	5.85	6.07	23.497
		1	0.212	6.01	6.22	23.497
		2	0.206	5.74	5.95	23.497
		3	0.196	5.93	6.13	23.497
		4	0.280	5.63	5.91	23.497
		5	0.353	5.80	6.15	23.497
		6	0.393	5.53	5.92	23.497
		7	0.418	5.69	6.11	23.497
5720	144	0	0.215	4.86	5.08	23.497
		1	0.212	4.91	5.12	23.497
		2	0.206	4.78	4.99	23.497
		3	0.196	4.64	4.84	23.497
		4	0.280	4.57	4.85	23.497
		5	0.353	4.62	4.97	23.497
		6	0.393	4.45	4.84	23.497
		7	0.418	4.71	5.13	23.497

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

Conducted Output Power Measurements (802.11n_HT20 Mode: 5500~5720)

802.11n_HT20 Mode		Rate (Mbps)	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5500	100	0	13.93	23.497
		1	13.88	23.497
		2	13.92	23.497
		3	13.76	23.497
		4	13.76	23.497
		5	13.85	23.497
		6	13.79	23.497
		7	13.85	23.497
5600	120	0	13.06	23.497
		1	12.97	23.497
		2	12.98	23.497
		3	12.82	23.497
		4	12.94	23.497
		5	13.04	23.497
		6	12.95	23.497
		7	13.01	23.497
5720	144	0	13.13	23.497
		1	13.11	23.497
		2	13.00	23.497
		3	12.78	23.497
		4	13.01	23.497
		5	12.91	23.497
		6	13.07	23.497
		7	13.09	23.497

Ant.0

802.11n_HT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5745~5825)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.215	14.46	14.68	29.522
		1	0.212	14.39	14.60	29.522
		2	0.206	14.34	14.55	29.522
		3	0.196	14.33	14.52	29.522
		4	0.280	14.20	14.48	29.522
		5	0.353	14.16	14.52	29.522
		6	0.393	14.21	14.60	29.522
		7	0.418	14.13	14.55	29.522
5785	157	0	0.215	14.19	14.40	29.522
		1	0.212	14.06	14.27	29.522
		2	0.206	14.01	14.21	29.522
		3	0.196	13.99	14.18	29.522
		4	0.280	13.98	14.26	29.522
		5	0.353	13.91	14.27	29.522
		6	0.393	13.99	14.38	29.522
		7	0.418	13.87	14.28	29.522
5825	165	0	0.215	14.10	14.31	29.522
		1	0.212	14.02	14.23	29.522
		2	0.206	13.99	14.20	29.522
		3	0.196	13.92	14.12	29.522
		4	0.280	13.93	14.21	29.522
		5	0.353	13.75	14.11	29.522
		6	0.393	13.82	14.21	29.522
		7	0.418	13.80	14.22	29.522

Ant.1

802.11n_HT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5745~5825)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.215	13.64	13.85	29.522
		1	0.212	13.56	13.77	29.522
		2	0.206	13.64	13.85	29.522
		3	0.196	13.54	13.74	29.522
		4	0.280	13.48	13.76	29.522
		5	0.353	13.47	13.82	29.522
		6	0.393	13.45	13.84	29.522
		7	0.418	13.40	13.82	29.522
5785	157	0	0.215	13.45	13.66	29.522
		1	0.212	13.33	13.55	29.522
		2	0.206	13.33	13.53	29.522
		3	0.196	13.19	13.39	29.522
		4	0.280	13.20	13.48	29.522
		5	0.353	13.08	13.44	29.522
		6	0.393	13.17	13.56	29.522
		7	0.418	13.23	13.65	29.522
5825	165	0	0.215	13.10	13.31	29.522
		1	0.212	12.98	13.19	29.522
		2	0.206	13.03	13.24	29.522
		3	0.196	12.84	13.04	29.522
		4	0.280	12.91	13.19	29.522
		5	0.353	12.94	13.29	29.522
		6	0.393	12.94	13.34	29.522
		7	0.418	12.85	13.27	29.522

Ant.2

802.11n_HT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5745~5825)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.215	14.24	14.46	29.522
		1	0.212	14.11	14.32	29.522
		2	0.206	14.23	14.43	29.522
		3	0.196	14.11	14.30	29.522
		4	0.280	14.13	14.41	29.522
		5	0.353	14.06	14.41	29.522
		6	0.393	14.02	14.41	29.522
		7	0.418	13.84	14.25	29.522
5785	157	0	0.215	13.95	14.17	29.522
		1	0.212	13.91	14.12	29.522
		2	0.206	14.06	14.27	29.522
		3	0.196	13.97	14.17	29.522
		4	0.280	13.85	14.13	29.522
		5	0.353	13.89	14.25	29.522
		6	0.393	13.85	14.24	29.522
		7	0.418	13.78	14.20	29.522
5825	165	0	0.215	13.44	13.65	29.522
		1	0.212	13.45	13.66	29.522
		2	0.206	13.63	13.84	29.522
		3	0.196	13.60	13.80	29.522
		4	0.280	13.49	13.77	29.522
		5	0.353	13.28	13.63	29.522
		6	0.393	13.28	13.67	29.522
		7	0.418	13.30	13.72	29.522

Ant.3

802.11n_HT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT20 Mode: 5745~5825)

802.11n_HT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.215	14.29	14.50	29.522
		1	0.212	14.14	14.36	29.522
		2	0.206	14.24	14.45	29.522
		3	0.196	14.13	14.33	29.522
		4	0.280	14.26	14.54	29.522
		5	0.353	14.10	14.45	29.522
		6	0.393	14.05	14.44	29.522
		7	0.418	14.01	14.43	29.522
5785	157	0	0.215	13.83	14.04	29.522
		1	0.212	13.74	13.95	29.522
		2	0.206	13.75	13.96	29.522
		3	0.196	13.64	13.83	29.522
		4	0.280	13.67	13.95	29.522
		5	0.353	13.57	13.93	29.522
		6	0.393	13.59	13.98	29.522
		7	0.418	13.52	13.94	29.522
5825	165	0	0.215	14.05	14.27	29.522
		1	0.212	14.00	14.21	29.522
		2	0.206	14.04	14.25	29.522
		3	0.196	14.04	14.24	29.522
		4	0.280	13.98	14.26	29.522
		5	0.353	13.92	14.27	29.522
		6	0.393	13.91	14.31	29.522
		7	0.418	13.68	14.10	29.522

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)

Conducted Output Power Measurements (802.11n_HT20 Mode: 5745~5825)

802.11n_HT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5745	149	0	20.40	29.522
		1	20.29	29.522
		2	20.34	29.522
		3	20.25	29.522
		4	20.32	29.522
		5	20.32	29.522
		6	20.35	29.522
		7	20.29	29.522
5785	157	0	20.09	29.522
		1	20.00	29.522
		2	20.02	29.522
		3	19.92	29.522
		4	19.98	29.522
		5	20.00	29.522
		6	20.07	29.522
		7	20.04	29.522
5825	165	0	19.92	29.522
		1	19.86	29.522
		2	19.91	29.522
		3	19.83	29.522
		4	19.89	29.522
		5	19.86	29.522
		6	19.91	29.522
		7	19.86	29.522

Ant.0

802.11ac_VHT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5180~5240)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.064	13.20	13.26	29.514
		1	0.126	12.98	13.11	29.514
		2	0.177	12.97	13.15	29.514
		3	0.231	12.66	12.89	29.514
		4	0.329	12.74	13.07	29.514
		5	0.427	12.55	12.98	29.514
		6	0.465	12.77	13.23	29.514
		7	0.502	12.61	13.11	29.514
		8	0.578	12.47	13.05	29.514
5200	40	0	0.064	13.11	13.17	29.514
		1	0.126	12.84	12.97	29.514
		2	0.177	12.91	13.08	29.514
		3	0.231	12.47	12.70	29.514
		4	0.329	12.43	12.76	29.514
		5	0.427	12.37	12.80	29.514
		6	0.465	12.63	13.10	29.514
		7	0.502	12.33	12.83	29.514
		8	0.578	12.31	12.89	29.514
5240	48	0	0.064	13.28	13.34	29.514
		1	0.126	12.85	12.98	29.514
		2	0.177	12.99	13.17	29.514
		3	0.231	12.76	12.99	29.514
		4	0.329	12.80	13.13	29.514
		5	0.427	12.71	13.14	29.514
		6	0.465	12.72	13.18	29.514
		7	0.502	12.61	13.11	29.514
		8	0.578	12.67	13.25	29.514

Ant.1

802.11ac_VHT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5180~5240)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.064	13.47	13.53	29.514
		1	0.126	13.16	13.29	29.514
		2	0.177	13.21	13.39	29.514
		3	0.231	13.19	13.42	29.514
		4	0.329	13.26	13.59	29.514
		5	0.427	13.19	13.62	29.514
		6	0.465	13.24	13.70	29.514
		7	0.502	13.22	13.72	29.514
		8	0.578	13.14	13.72	29.514
5200	40	0	0.064	13.45	13.51	29.514
		1	0.126	12.85	12.97	29.514
		2	0.177	13.06	13.24	29.514
		3	0.231	12.92	13.15	29.514
		4	0.329	13.14	13.47	29.514
		5	0.427	12.99	13.41	29.514
		6	0.465	13.11	13.57	29.514
		7	0.502	13.11	13.61	29.514
		8	0.578	12.84	13.42	29.514
5240	48	0	0.064	13.17	13.23	29.514
		1	0.126	13.06	13.19	29.514
		2	0.177	13.02	13.20	29.514
		3	0.231	13.00	13.23	29.514
		4	0.329	12.98	13.31	29.514
		5	0.427	12.86	13.29	29.514
		6	0.465	12.85	13.31	29.514
		7	0.502	12.86	13.36	29.514
		8	0.578	12.90	13.48	29.514

Ant.2

802.11ac_VHT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5180~5240)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.064	13.98	14.04	29.514
		1	0.126	13.90	14.03	29.514
		2	0.177	13.83	14.01	29.514
		3	0.231	13.57	13.80	29.514
		4	0.329	13.65	13.98	29.514
		5	0.427	13.57	14.00	29.514
		6	0.465	13.51	13.97	29.514
		7	0.502	13.58	14.08	29.514
		8	0.578	13.33	13.91	29.514
5200	40	0	0.064	13.89	13.96	29.514
		1	0.126	13.73	13.86	29.514
		2	0.177	13.53	13.70	29.514
		3	0.231	13.50	13.73	29.514
		4	0.329	13.49	13.82	29.514
		5	0.427	13.50	13.93	29.514
		6	0.465	13.21	13.68	29.514
		7	0.502	13.34	13.84	29.514
		8	0.578	13.18	13.76	29.514
5240	48	0	0.064	13.78	13.84	29.514
		1	0.126	13.70	13.83	29.514
		2	0.177	13.58	13.76	29.514
		3	0.231	13.58	13.81	29.514
		4	0.329	13.37	13.70	29.514
		5	0.427	13.37	13.80	29.514
		6	0.465	13.25	13.71	29.514
		7	0.502	13.15	13.65	29.514
		8	0.578	13.16	13.74	29.514

Ant.3

802.11ac_VHT20 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5180~5240)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	0.064	14.09	14.15	29.514
		1	0.126	13.91	14.04	29.514
		2	0.177	13.61	13.79	29.514
		3	0.231	13.56	13.79	29.514
		4	0.329	13.57	13.90	29.514
		5	0.427	13.48	13.91	29.514
		6	0.465	13.42	13.88	29.514
		7	0.502	13.54	14.04	29.514
		8	0.578	13.24	13.82	29.514
5200	40	0	0.064	13.90	13.96	29.514
		1	0.126	13.70	13.83	29.514
		2	0.177	13.50	13.68	29.514
		3	0.231	13.42	13.65	29.514
		4	0.329	13.48	13.81	29.514
		5	0.427	13.17	13.60	29.514
		6	0.465	13.11	13.57	29.514
		7	0.502	13.48	13.98	29.514
		8	0.578	13.18	13.75	29.514
5240	48	0	0.064	13.77	13.83	29.514
		1	0.126	13.66	13.79	29.514
		2	0.177	13.44	13.62	29.514
		3	0.231	13.57	13.80	29.514
		4	0.329	13.27	13.60	29.514
		5	0.427	13.44	13.87	29.514
		6	0.465	13.25	13.71	29.514
		7	0.502	13.17	13.67	29.514
		8	0.578	13.19	13.77	29.514

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 1)

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5180~5240)

802.11ac_VHT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5180	36	0	19.78	23.49
		1	19.64	23.49
		2	19.61	23.49
		3	19.50	23.49
		4	19.66	23.49
		5	19.65	23.49
		6	19.72	23.49
		7	19.77	23.49
		8	19.65	23.49
5200	40	0	19.68	23.49
		1	19.44	23.49
		2	19.45	23.49
		3	19.34	23.49
		4	19.50	23.49
		5	19.47	23.49
		6	19.50	23.49
		7	19.60	23.49
		8	19.48	23.49
5240	48	0	19.59	23.49
		1	19.47	23.49
		2	19.46	23.49
		3	19.49	23.49
		4	19.46	23.49
		5	19.55	23.49
		6	19.51	23.49
		7	19.47	23.49
		8	19.58	23.49

Ant.0

802.11ac_VHT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5260~5320)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.064	9.17	9.23	23.179
		1	0.126	8.92	9.05	23.179
		2	0.177	9.00	9.18	23.179
		3	0.231	8.88	9.11	23.179
		4	0.329	8.84	9.17	23.179
		5	0.427	8.66	9.09	23.179
		6	0.465	8.64	9.10	23.179
		7	0.502	8.57	9.07	23.179
		8	0.578	8.57	9.15	23.179
5300	60	0	0.064	8.96	9.02	23.179
		1	0.126	8.69	8.82	23.179
		2	0.177	8.85	9.03	23.179
		3	0.231	8.75	8.98	23.179
		4	0.329	8.60	8.93	23.179
		5	0.427	8.59	9.02	23.179
		6	0.465	8.44	8.91	23.179
		7	0.502	8.30	8.81	23.179
		8	0.578	8.24	8.82	23.179
5320	64	0	0.064	9.36	9.42	23.179
		1	0.126	8.95	9.08	23.179
		2	0.177	9.01	9.19	23.179
		3	0.231	8.68	8.91	23.179
		4	0.329	8.77	9.10	23.179
		5	0.427	8.55	8.98	23.179
		6	0.465	8.89	9.35	23.179
		7	0.502	8.54	9.04	23.179
		8	0.578	8.68	9.26	23.179

Ant.1

802.11ac_VHT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5260~5320)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.064	8.98	9.04	23.179
		1	0.126	8.74	8.87	23.179
		2	0.177	8.78	8.96	23.179
		3	0.231	8.62	8.85	23.179
		4	0.329	8.67	9.00	23.179
		5	0.427	8.51	8.94	23.179
		6	0.465	8.62	9.08	23.179
		7	0.502	8.56	9.06	23.179
		8	0.578	8.56	9.14	23.179
5300	60	0	0.064	8.93	8.99	23.179
		1	0.126	8.51	8.64	23.179
		2	0.177	8.52	8.69	23.179
		3	0.231	8.55	8.78	23.179
		4	0.329	8.59	8.92	23.179
		5	0.427	8.43	8.86	23.179
		6	0.465	8.34	8.81	23.179
		7	0.502	8.34	8.84	23.179
		8	0.578	8.21	8.79	23.179
5320	64	0	0.064	8.68	8.74	23.179
		1	0.126	8.37	8.50	23.179
		2	0.177	8.45	8.63	23.179
		3	0.231	8.46	8.69	23.179
		4	0.329	8.37	8.70	23.179
		5	0.427	8.22	8.65	23.179
		6	0.465	8.43	8.89	23.179
		7	0.502	8.23	8.73	23.179
		8	0.578	8.32	8.90	23.179

Ant.2

802.11ac_VHT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5260~5320)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.064	9.50	9.56	23.179
		1	0.126	9.57	9.70	23.179
		2	0.177	9.34	9.52	23.179
		3	0.231	9.26	9.49	23.179
		4	0.329	9.06	9.39	23.179
		5	0.427	9.06	9.49	23.179
		6	0.465	9.00	9.46	23.179
		7	0.502	9.10	9.60	23.179
		8	0.578	8.91	9.49	23.179
5300	60	0	0.064	9.40	9.46	23.179
		1	0.126	9.42	9.55	23.179
		2	0.177	9.28	9.46	23.179
		3	0.231	9.19	9.42	23.179
		4	0.329	8.90	9.23	23.179
		5	0.427	8.92	9.35	23.179
		6	0.465	8.66	9.12	23.179
		7	0.502	8.80	9.30	23.179
		8	0.578	8.82	9.40	23.179
5320	64	0	0.064	9.39	9.45	23.179
		1	0.126	9.21	9.34	23.179
		2	0.177	9.10	9.28	23.179
		3	0.231	9.09	9.32	23.179
		4	0.329	8.92	9.25	23.179
		5	0.427	8.79	9.22	23.179
		6	0.465	8.81	9.27	23.179
		7	0.502	8.79	9.29	23.179
		8	0.578	8.80	9.38	23.179

Ant.3

802.11ac_VHT20 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5260~5320)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	0.064	9.72	9.78	23.179
		1	0.126	9.76	9.89	23.179
		2	0.177	9.72	9.90	23.179
		3	0.231	9.68	9.91	23.179
		4	0.329	9.29	9.62	23.179
		5	0.427	9.41	9.84	23.179
		6	0.465	9.38	9.84	23.179
		7	0.502	9.36	9.86	23.179
		8	0.578	9.27	9.85	23.179
5300	60	0	0.064	9.64	9.70	23.179
		1	0.126	9.64	9.76	23.179
		2	0.177	9.37	9.55	23.179
		3	0.231	9.59	9.83	23.179
		4	0.329	9.11	9.44	23.179
		5	0.427	9.14	9.57	23.179
		6	0.465	9.20	9.66	23.179
		7	0.502	9.15	9.66	23.179
		8	0.578	9.19	9.76	23.179
5320	64	0	0.064	9.49	9.55	23.179
		1	0.126	9.47	9.60	23.179
		2	0.177	9.29	9.47	23.179
		3	0.231	9.43	9.66	23.179
		4	0.329	9.12	9.45	23.179
		5	0.427	9.12	9.55	23.179
		6	0.465	9.03	9.49	23.179
		7	0.502	9.11	9.61	23.179
		8	0.578	8.98	9.56	23.179

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2A)

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5260~5320)

802.11ac_VHT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5260	52	0	15.43	17.16
		1	15.40	17.16
		2	15.42	17.16
		3	15.37	17.16
		4	15.32	17.16
		5	15.36	17.16
		6	15.40	17.16
		7	15.43	17.16
		8	15.43	17.16
5300	60	0	15.32	17.16
		1	15.23	17.16
		2	15.21	17.16
		3	15.28	17.16
		4	15.15	17.16
		5	15.22	17.16
		6	15.15	17.16
		7	15.18	17.16
		8	15.22	17.16
5320	64	0	15.32	17.16
		1	15.16	17.16
		2	15.17	17.16
		3	15.18	17.16
		4	15.15	17.16
		5	15.12	17.16
		6	15.28	17.16
		7	15.20	17.16
		8	15.30	17.16

Ant.0

802.11ac_VHT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5500~5720)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.064	8.26	8.32	23.497
		1	0.126	7.78	7.91	23.497
		2	0.177	7.99	8.17	23.497
		3	0.231	7.73	7.96	23.497
		4	0.329	7.77	8.10	23.497
		5	0.427	7.62	8.05	23.497
		6	0.465	7.58	8.04	23.497
		7	0.502	7.63	8.13	23.497
		8	0.578	7.74	8.32	23.497
5600	120	0	0.064	7.85	7.91	23.497
		1	0.126	7.43	7.56	23.497
		2	0.177	7.44	7.62	23.497
		3	0.231	7.20	7.43	23.497
		4	0.329	7.19	7.52	23.497
		5	0.427	7.09	7.52	23.497
		6	0.465	7.16	7.62	23.497
		7	0.502	7.09	7.59	23.497
		8	0.578	7.13	7.71	23.497
5720	144	0	0.064	8.51	8.57	23.497
		1	0.126	8.17	8.30	23.497
		2	0.177	8.37	8.55	23.497
		3	0.231	8.09	8.32	23.497
		4	0.329	8.14	8.47	23.497
		5	0.427	7.84	8.27	23.497
		6	0.465	7.90	8.36	23.497
		7	0.502	7.88	8.38	23.497
		8	0.578	7.87	8.45	23.497

Ant.1

802.11ac_VHT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5500~5720)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.064	7.42	7.48	23.497
		1	0.126	7.13	7.26	23.497
		2	0.177	6.99	7.17	23.497
		3	0.231	7.01	7.24	23.497
		4	0.329	7.06	7.39	23.497
		5	0.427	6.92	7.35	23.497
		6	0.465	6.91	7.37	23.497
		7	0.502	7.15	7.65	23.497
		8	0.578	6.93	7.51	23.497
5600	120	0	0.064	6.69	6.75	23.497
		1	0.126	6.51	6.64	23.497
		2	0.177	6.47	6.65	23.497
		3	0.231	6.42	6.65	23.497
		4	0.329	6.38	6.71	23.497
		5	0.427	6.17	6.60	23.497
		6	0.465	6.31	6.77	23.497
		7	0.502	6.34	6.84	23.497
		8	0.578	6.22	6.80	23.497
5720	144	0	0.064	7.15	7.21	23.497
		1	0.126	6.91	7.04	23.497
		2	0.177	7.16	7.34	23.497
		3	0.231	6.93	7.16	23.497
		4	0.329	6.83	7.16	23.497
		5	0.427	6.67	7.10	23.497
		6	0.465	6.59	7.05	23.497
		7	0.502	6.56	7.06	23.497
		8	0.578	6.62	7.20	23.497

Ant.2

802.11ac_VHT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5500~5720)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.064	8.26	8.32	23.497
		1	0.126	8.11	8.24	23.497
		2	0.177	7.95	8.13	23.497
		3	0.231	7.93	8.16	23.497
		4	0.329	7.77	8.10	23.497
		5	0.427	7.61	8.04	23.497
		6	0.465	7.47	7.93	23.497
		7	0.502	7.95	8.45	23.497
		8	0.578	7.59	8.17	23.497
5600	120	0	0.064	7.71	7.77	23.497
		1	0.126	7.56	7.69	23.497
		2	0.177	7.37	7.55	23.497
		3	0.231	7.33	7.56	23.497
		4	0.329	7.20	7.53	23.497
		5	0.427	7.20	7.63	23.497
		6	0.465	7.03	7.49	23.497
		7	0.502	7.13	7.63	23.497
		8	0.578	6.94	7.52	23.497
5720	144	0	0.064	7.93	7.99	23.497
		1	0.126	7.77	7.90	23.497
		2	0.177	7.62	7.80	23.497
		3	0.231	7.57	7.80	23.497
		4	0.329	7.37	7.70	23.497
		5	0.427	7.38	7.81	23.497
		6	0.465	7.28	7.74	23.497
		7	0.502	7.29	7.79	23.497
		8	0.578	7.05	7.63	23.497

Ant.3

802.11ac_VHT20 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5500~5720)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	0.064	7.66	7.72	23.497
		1	0.126	7.68	7.81	23.497
		2	0.177	7.37	7.55	23.497
		3	0.231	7.37	7.60	23.497
		4	0.329	7.25	7.58	23.497
		5	0.427	7.36	7.79	23.497
		6	0.465	7.17	7.63	23.497
		7	0.502	7.24	7.74	23.497
		8	0.578	6.95	7.53	23.497
5600	120	0	0.064	5.95	6.01	23.497
		1	0.126	6.13	6.26	23.497
		2	0.177	5.89	6.07	23.497
		3	0.231	5.86	6.09	23.497
		4	0.329	5.55	5.88	23.497
		5	0.427	5.66	6.09	23.497
		6	0.465	5.58	6.04	23.497
		7	0.502	5.70	6.20	23.497
		8	0.578	5.47	6.05	23.497
5720	144	0	0.064	5.23	5.29	23.497
		1	0.126	5.19	5.32	23.497
		2	0.177	5.05	5.23	23.497
		3	0.231	5.13	5.36	23.497
		4	0.329	4.83	5.16	23.497
		5	0.427	4.83	5.26	23.497
		6	0.465	4.86	5.32	23.497
		7	0.502	4.73	5.23	23.497
		8	0.578	4.64	5.22	23.497

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5500~5720)

802.11ac_VHT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5500	100	0	13.99	17.48
		1	13.83	17.48
		2	13.78	17.48
		3	13.77	17.48
		4	13.82	17.48
		5	13.83	17.48
		6	13.77	17.48
		7	14.02	17.48
		8	13.91	17.48
5600	120	0	13.17	17.48
		1	13.07	17.48
		2	13.01	17.48
		3	12.98	17.48
		4	12.96	17.48
		5	13.00	17.48
		6	13.03	17.48
		7	13.11	17.48
		8	13.06	17.48
5720	144	0	13.37	17.48
		1	13.23	17.48
		2	13.33	17.48
		3	13.25	17.48
		4	13.23	17.48
		5	13.20	17.48
		6	13.22	17.48
		7	13.22	17.48
		8	13.22	17.48

Ant.0

802.11ac_VHT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5745~5825)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.064	14.62	14.69	29.522
		1	0.126	14.44	14.57	29.522
		2	0.177	14.39	14.57	29.522
		3	0.231	14.29	14.52	29.522
		4	0.329	14.18	14.51	29.522
		5	0.427	14.12	14.54	29.522
		6	0.465	14.15	14.62	29.522
		7	0.502	14.09	14.60	29.522
		8	0.578	14.09	14.67	29.522
5785	157	0	0.064	14.30	14.37	29.522
		1	0.126	14.10	14.23	29.522
		2	0.177	14.08	14.25	29.522
		3	0.231	13.99	14.22	29.522
		4	0.329	13.96	14.29	29.522
		5	0.427	13.90	14.32	29.522
		6	0.465	13.84	14.31	29.522
		7	0.502	13.79	14.29	29.522
		8	0.578	13.69	14.27	29.522
5825	165	0	0.064	14.17	14.24	29.522
		1	0.126	14.06	14.18	29.522
		2	0.177	14.02	14.20	29.522
		3	0.231	14.00	14.23	29.522
		4	0.329	13.82	14.15	29.522
		5	0.427	13.82	14.25	29.522
		6	0.465	13.79	14.26	29.522
		7	0.502	13.70	14.20	29.522
		8	0.578	13.67	14.25	29.522

Ant.1

802.11ac_VHT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5745~5825)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.064	13.66	13.73	29.522
		1	0.126	13.56	13.69	29.522
		2	0.177	13.51	13.68	29.522
		3	0.231	13.56	13.80	29.522
		4	0.329	13.47	13.80	29.522
		5	0.427	13.35	13.77	29.522
		6	0.465	13.35	13.82	29.522
		7	0.502	13.30	13.81	29.522
		8	0.578	13.22	13.80	29.522
5785	157	0	0.064	13.36	13.43	29.522
		1	0.126	13.18	13.30	29.522
		2	0.177	13.24	13.42	29.522
		3	0.231	13.17	13.40	29.522
		4	0.329	13.09	13.42	29.522
		5	0.427	13.03	13.46	29.522
		6	0.465	13.15	13.62	29.522
		7	0.502	12.93	13.44	29.522
		8	0.578	13.01	13.59	29.522
5825	165	0	0.064	13.16	13.22	29.522
		1	0.126	12.94	13.07	29.522
		2	0.177	12.97	13.15	29.522
		3	0.231	12.88	13.11	29.522
		4	0.329	12.94	13.27	29.522
		5	0.427	12.83	13.26	29.522
		6	0.465	12.79	13.25	29.522
		7	0.502	12.89	13.39	29.522
		8	0.578	12.79	13.37	29.522

Ant.2

802.11ac_VHT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5745~5825)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.064	14.44	14.50	29.522
		1	0.126	14.31	14.43	29.522
		2	0.177	14.20	14.37	29.522
		3	0.231	14.04	14.27	29.522
		4	0.329	14.02	14.35	29.522
		5	0.427	13.98	14.41	29.522
		6	0.465	13.93	14.40	29.522
		7	0.502	13.82	14.33	29.522
		8	0.578	13.84	14.42	29.522
5785	157	0	0.064	14.25	14.31	29.522
		1	0.126	14.04	14.17	29.522
		2	0.177	13.96	14.14	29.522
		3	0.231	13.86	14.09	29.522
		4	0.329	13.78	14.11	29.522
		5	0.427	13.66	14.09	29.522
		6	0.465	13.62	14.08	29.522
		7	0.502	13.63	14.13	29.522
		8	0.578	13.56	14.14	29.522
5825	165	0	0.064	13.91	13.97	29.522
		1	0.126	13.71	13.83	29.522
		2	0.177	13.68	13.86	29.522
		3	0.231	13.60	13.83	29.522
		4	0.329	13.52	13.85	29.522
		5	0.427	13.36	13.79	29.522
		6	0.465	13.39	13.85	29.522
		7	0.502	13.38	13.89	29.522
		8	0.578	13.25	13.83	29.522

Ant.3

802.11ac_VHT20 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5745~5825)

802.11ac_VHT20 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	0.064	14.40	14.46	29.522
		1	0.126	14.08	14.21	29.522
		2	0.177	14.35	14.53	29.522
		3	0.231	14.19	14.42	29.522
		4	0.329	14.15	14.48	29.522
		5	0.427	13.82	14.24	29.522
		6	0.465	13.84	14.31	29.522
		7	0.502	14.00	14.50	29.522
		8	0.578	13.82	14.40	29.522
5785	157	0	0.064	14.06	14.13	29.522
		1	0.126	13.84	13.96	29.522
		2	0.177	13.73	13.91	29.522
		3	0.231	13.53	13.76	29.522
		4	0.329	13.52	13.85	29.522
		5	0.427	13.37	13.80	29.522
		6	0.465	13.40	13.86	29.522
		7	0.502	13.34	13.84	29.522
		8	0.578	13.33	13.90	29.522
5825	165	0	0.064	14.16	14.22	29.522
		1	0.126	14.04	14.16	29.522
		2	0.177	14.01	14.19	29.522
		3	0.231	13.90	14.13	29.522
		4	0.329	13.87	14.20	29.522
		5	0.427	13.69	14.12	29.522
		6	0.465	13.77	14.24	29.522
		7	0.502	13.52	14.02	29.522
		8	0.578	13.48	14.06	29.522

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)

Conducted Output Power Measurements (802.11ac_VHT20 Mode: 5745~5825)

802.11ac_VHT20 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5745	149	0	20.37	23.50
		1	20.25	23.50
		2	20.32	23.50
		3	20.28	23.50
		4	20.31	23.50
		5	20.27	23.50
		6	20.31	23.50
		7	20.33	23.50
		8	20.35	23.50
5785	157	0	20.09	23.50
		1	19.94	23.50
		2	19.96	23.50
		3	19.89	23.50
		4	19.94	23.50
		5	19.94	23.50
		6	19.99	23.50
		7	19.95	23.50
		8	20.00	23.50
5825	165	0	19.94	23.50
		1	19.84	23.50
		2	19.88	23.50
		3	19.86	23.50
		4	19.89	23.50
		5	19.88	23.50
		6	19.93	23.50
		7	19.90	23.50
		8	19.90	23.50

Ant.0

802.11n_HT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5190~5230)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.437	10.69	11.13	29.514
		1	0.410	10.57	10.98	29.514
		2	0.400	10.58	10.98	29.514
		3	0.366	10.33	10.70	29.514
		4	0.505	10.27	10.78	29.514
		5	0.613	10.08	10.69	29.514
		6	0.662	9.46	10.12	29.514
		7	0.719	9.68	10.40	29.514
5230	46	0	0.437	10.48	10.92	29.514
		1	0.410	10.44	10.85	29.514
		2	0.400	10.24	10.64	29.514
		3	0.366	10.07	10.44	29.514
		4	0.505	10.04	10.55	29.514
		5	0.613	10.02	10.63	29.514
		6	0.662	9.30	9.96	29.514
		7	0.719	9.43	10.15	29.514

Ant.1

802.11n_HT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5190~5230)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.437	11.20	11.64	29.514
		1	0.410	11.08	11.49	29.514
		2	0.400	11.23	11.63	29.514
		3	0.366	10.97	11.34	29.514
		4	0.505	11.08	11.59	29.514
		5	0.613	10.76	11.37	29.514
		6	0.662	10.35	11.01	29.514
		7	0.719	10.21	10.93	29.514
5230	46	0	0.437	11.08	11.52	29.514
		1	0.410	10.81	11.22	29.514
		2	0.400	11.11	11.51	29.514
		3	0.366	10.75	11.12	29.514
		4	0.505	11.02	11.53	29.514
		5	0.613	10.45	11.07	29.514
		6	0.662	10.28	10.94	29.514
		7	0.719	9.98	10.70	29.514

Ant.2

802.11n_HT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5190~5230)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.437	11.32	11.76	29.514
		1	0.410	11.40	11.81	29.514
		2	0.400	11.33	11.73	29.514
		3	0.366	11.23	11.60	29.514
		4	0.505	11.09	11.60	29.514
		5	0.613	10.98	11.59	29.514
		6	0.662	10.48	11.14	29.514
		7	0.719	10.46	11.18	29.514
5230	46	0	0.437	11.21	11.65	29.514
		1	0.410	11.31	11.72	29.514
		2	0.400	11.22	11.62	29.514
		3	0.366	11.00	11.37	29.514
		4	0.505	10.78	11.28	29.514
		5	0.613	10.87	11.49	29.514
		6	0.662	10.17	10.83	29.514
		7	0.719	10.34	11.06	29.514

Ant.3

802.11n_HT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5190~5230)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.437	11.60	12.04	29.514
		1	0.410	11.76	12.17	29.514
		2	0.400	11.68	12.08	29.514
		3	0.366	11.55	11.92	29.514
		4	0.505	11.47	11.98	29.514
		5	0.613	11.32	11.93	29.514
		6	0.662	11.01	11.67	29.514
		7	0.719	10.73	11.45	29.514
5230	46	0	0.437	11.38	11.82	29.514
		1	0.410	11.56	11.97	29.514
		2	0.400	11.39	11.79	29.514
		3	0.366	11.20	11.57	29.514
		4	0.505	11.14	11.65	29.514
		5	0.613	11.05	11.67	29.514
		6	0.662	10.74	11.40	29.514
		7	0.719	10.47	11.19	29.514

▣ TEST RESULTS _ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 1)

Conducted Output Power Measurements (802.11n_HT40 Mode: 5190~5230)

802.11n_HT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5190	38	0	17.67	29.514
		1	17.64	29.514
		2	17.63	29.514
		3	17.42	29.514
		4	17.51	29.514
		5	17.43	29.514
		6	17.03	29.514
		7	17.02	29.514
5230	46	0	17.50	29.514
		1	17.47	29.514
		2	17.42	29.514
		3	17.15	29.514
		4	17.28	29.514
		5	17.24	29.514
		6	16.82	29.514
		7	16.80	29.514

Ant.0

802.11n_HT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5270~5310)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.437	8.87	9.31	23.179
		1	0.410	8.56	8.97	23.179
		2	0.400	8.83	9.23	23.179
		3	0.366	8.53	8.90	23.179
		4	0.505	8.68	9.19	23.179
		5	0.613	8.26	8.87	23.179
		6	0.662	8.46	9.12	23.179
		7	0.719	8.19	8.91	23.179
5310	62	0	0.437	8.83	9.27	23.179
		1	0.410	8.57	8.98	23.179
		2	0.400	8.88	9.28	23.179
		3	0.366	8.56	8.93	23.179
		4	0.505	8.56	9.07	23.179
		5	0.613	8.29	8.90	23.179
		6	0.662	8.44	9.10	23.179
		7	0.719	8.25	8.97	23.179

Ant.1

802.11n_HT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5270~5310)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.437	8.98	9.42	23.179
		1	0.410	8.76	9.17	23.179
		2	0.400	8.90	9.30	23.179
		3	0.366	8.63	9.00	23.179
		4	0.505	8.74	9.25	23.179
		5	0.613	8.46	9.07	23.179
		6	0.662	8.63	9.29	23.179
		7	0.719	8.39	9.11	23.179
5310	62	0	0.437	8.72	9.16	23.179
		1	0.410	8.69	9.10	23.179
		2	0.400	8.65	9.05	23.179
		3	0.366	8.58	8.95	23.179
		4	0.505	8.46	8.97	23.179
		5	0.613	8.29	8.90	23.179
		6	0.662	8.24	8.90	23.179
		7	0.719	8.22	8.94	23.179

Ant.2

802.11n_HT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5270~5310)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.437	9.05	9.49	23.179
		1	0.410	9.23	9.64	23.179
		2	0.400	9.01	9.41	23.179
		3	0.366	8.97	9.34	23.179
		4	0.505	8.82	9.33	23.179
		5	0.613	8.77	9.38	23.179
		6	0.662	8.59	9.25	23.179
		7	0.719	8.69	9.41	23.179
5310	62	0	0.437	8.87	9.31	23.179
		1	0.410	8.94	9.35	23.179
		2	0.400	8.88	9.28	23.179
		3	0.366	8.83	9.20	23.179
		4	0.505	8.52	9.03	23.179
		5	0.613	8.50	9.11	23.179
		6	0.662	8.34	9.00	23.179
		7	0.719	8.34	9.06	23.179

Ant.3

802.11n_HT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5270~5310)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.437	9.33	9.77	23.179
		1	0.410	9.61	10.02	23.179
		2	0.400	9.26	9.66	23.179
		3	0.366	9.41	9.78	23.179
		4	0.505	9.20	9.71	23.179
		5	0.613	9.12	9.73	23.179
		6	0.662	9.02	9.68	23.179
		7	0.719	9.26	9.98	23.179
5310	62	0	0.437	9.18	9.62	23.179
		1	0.410	9.30	9.71	23.179
		2	0.400	9.21	9.61	23.179
		3	0.366	9.34	9.71	23.179
		4	0.505	8.90	9.41	23.179
		5	0.613	8.98	9.59	23.179
		6	0.662	8.70	9.36	23.179
		7	0.719	8.89	9.61	23.179

▣ TEST RESULTS _ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2A)

Conducted Output Power Measurements (802.11n_HT40 Mode: 5270~5310)

802.11n_HT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5270	54	0	15.52	23.179
		1	15.48	23.179
		2	15.42	23.179
		3	15.28	23.179
		4	15.39	23.179
		5	15.29	23.179
		6	15.36	23.179
		7	15.38	23.179
5310	62	0	15.36	23.179
		1	15.31	23.179
		2	15.33	23.179
		3	15.22	23.179
		4	15.14	23.179
		5	15.15	23.179
		6	15.11	23.179
		7	15.17	23.179

Ant.0

802.11n_HT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5510~5710)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.437	8.21	8.65	23.497
		1	0.410	7.85	8.26	23.497
		2	0.400	8.13	8.53	23.497
		3	0.366	7.64	8.01	23.497
		4	0.505	7.91	8.42	23.497
		5	0.613	7.65	8.26	23.497
		6	0.662	7.75	8.41	23.497
		7	0.719	7.46	8.18	23.497
5590	118	0	0.437	7.77	8.21	23.497
		1	0.410	7.59	8.00	23.497
		2	0.400	7.76	8.16	23.497
		3	0.366	7.41	7.78	23.497
		4	0.505	7.76	8.27	23.497
		5	0.613	7.28	7.89	23.497
		6	0.662	7.62	8.28	23.497
		7	0.719	7.24	7.96	23.497
5710	142	0	0.437	7.62	8.06	23.497
		1	0.410	7.30	7.71	23.497
		2	0.400	7.46	7.86	23.497
		3	0.366	7.27	7.64	23.497
		4	0.505	7.28	7.79	23.497
		5	0.613	6.99	7.60	23.497
		6	0.662	7.18	7.84	23.497
		7	0.719	7.07	7.79	23.497

Ant.1

802.11n_HT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5510~5710)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.437	7.84	8.28	23.497
		1	0.410	7.68	8.09	23.497
		2	0.400	7.64	8.04	23.497
		3	0.366	7.47	7.84	23.497
		4	0.505	7.65	8.16	23.497
		5	0.613	7.48	8.09	23.497
		6	0.662	7.28	7.94	23.497
		7	0.719	7.26	7.98	23.497
5590	118	0	0.437	7.44	7.88	23.497
		1	0.410	7.12	7.53	23.497
		2	0.400	7.25	7.65	23.497
		3	0.366	7.26	7.63	23.497
		4	0.505	7.27	7.78	23.497
		5	0.613	6.96	7.57	23.497
		6	0.662	6.98	7.64	23.497
		7	0.719	6.81	7.53	23.497
5710	142	0	0.437	6.45	6.89	23.497
		1	0.410	6.41	6.82	23.497
		2	0.400	6.51	6.91	23.497
		3	0.366	6.19	6.56	23.497
		4	0.505	6.26	6.77	23.497
		5	0.613	6.05	6.66	23.497
		6	0.662	6.08	6.74	23.497
		7	0.719	6.05	6.77	23.497

Ant.2

802.11n_HT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5510~5710)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.437	8.10	8.54	23.497
		1	0.410	8.31	8.72	23.497
		2	0.400	7.99	8.39	23.497
		3	0.366	8.09	8.46	23.497
		4	0.505	7.93	8.44	23.497
		5	0.613	7.81	8.42	23.497
		6	0.662	7.58	8.24	23.497
		7	0.719	7.67	8.39	23.497
5590	118	0	0.437	7.84	8.28	23.497
		1	0.410	7.73	8.14	23.497
		2	0.400	7.73	8.13	23.497
		3	0.366	7.89	8.26	23.497
		4	0.505	7.60	8.11	23.497
		5	0.613	7.53	8.14	23.497
		6	0.662	7.32	7.98	23.497
		7	0.719	7.36	8.08	23.497
5710	142	0	0.437	7.13	7.57	23.497
		1	0.410	7.16	7.57	23.497
		2	0.400	7.03	7.43	23.497
		3	0.366	6.82	7.19	23.497
		4	0.505	6.74	7.25	23.497
		5	0.613	6.55	7.16	23.497
		6	0.662	6.72	7.38	23.497
		7	0.719	6.68	7.40	23.497

Ant.3

802.11n_HT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5510~5710)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.437	7.19	7.63	23.497
		1	0.410	7.43	7.84	23.497
		2	0.400	7.13	7.53	23.497
		3	0.366	7.36	7.73	23.497
		4	0.505	6.90	7.41	23.497
		5	0.613	7.05	7.66	23.497
		6	0.662	6.76	7.42	23.497
		7	0.719	7.00	7.72	23.497
5590	118	0	0.437	6.43	6.87	23.497
		1	0.410	6.59	7.00	23.497
		2	0.400	6.56	6.96	23.497
		3	0.366	6.65	7.02	23.497
		4	0.505	6.42	6.93	23.497
		5	0.613	6.36	6.97	23.497
		6	0.662	6.29	6.95	23.497
		7	0.719	6.14	6.86	23.497
5710	142	0	0.437	6.79	7.23	23.497
		1	0.410	6.87	7.28	23.497
		2	0.400	6.79	7.19	23.497
		3	0.366	6.75	7.12	23.497
		4	0.505	6.45	6.96	23.497
		5	0.613	6.57	7.18	23.497
		6	0.662	6.33	6.99	23.497
		7	0.719	6.50	7.22	23.497

▣ TEST RESULTS _ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

Conducted Output Power Measurements (802.11n_HT40 Mode: 5510~5710)

802.11n_HT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5510	102	0	14.30	23.497
		1	14.25	23.497
		2	14.15	23.497
		3	14.03	23.497
		4	14.13	23.497
		5	14.14	23.497
		6	14.03	23.497
		7	14.09	23.497
5590	118	0	13.85	23.497
		1	13.70	23.497
		2	13.76	23.497
		3	13.70	23.497
		4	13.80	23.497
		5	13.68	23.497
		6	13.75	23.497
		7	13.64	23.497
5710	142	0	13.47	23.497
		1	13.37	23.497
		2	13.38	23.497
		3	13.15	23.497
		4	13.22	23.497
		5	13.18	23.497
		6	13.27	23.497
		7	13.32	23.497

Ant.0

802.11n_HT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5755~5795)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.437	13.86	14.30	29.522
		1	0.410	13.88	14.29	29.522
		2	0.400	13.88	14.28	29.522
		3	0.366	13.81	14.18	29.522
		4	0.505	13.76	14.26	29.522
		5	0.613	13.69	14.30	29.522
		6	0.662	13.69	14.35	29.522
		7	0.719	13.58	14.30	29.522
5795	159	0	0.437	14.36	14.79	29.522
		1	0.410	14.25	14.66	29.522
		2	0.400	14.24	14.64	29.522
		3	0.366	14.26	14.63	29.522
		4	0.505	14.22	14.72	29.522
		5	0.613	14.01	14.62	29.522
		6	0.662	13.98	14.64	29.522
		7	0.719	13.90	14.62	29.522

Ant.1

802.11n_HT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5755~5795)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.437	13.31	13.75	29.522
		1	0.410	13.24	13.65	29.522
		2	0.400	13.22	13.62	29.522
		3	0.366	13.12	13.49	29.522
		4	0.505	13.17	13.68	29.522
		5	0.613	13.10	13.72	29.522
		6	0.662	12.96	13.62	29.522
		7	0.719	12.90	13.62	29.522
5795	159	0	0.437	13.55	13.98	29.522
		1	0.410	13.38	13.79	29.522
		2	0.400	13.52	13.92	29.522
		3	0.366	13.46	13.83	29.522
		4	0.505	13.46	13.97	29.522
		5	0.613	13.33	13.94	29.522
		6	0.662	13.30	13.97	29.522
		7	0.719	13.16	13.88	29.522

Ant.2

802.11n_HT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5755~5795)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.437	13.75	14.19	29.522
		1	0.410	13.71	14.12	29.522
		2	0.400	13.98	14.38	29.522
		3	0.366	13.90	14.27	29.522
		4	0.505	13.58	14.09	29.522
		5	0.613	13.53	14.14	29.522
		6	0.662	13.51	14.17	29.522
		7	0.719	13.48	14.20	29.522
5795	159	0	0.437	14.66	15.10	29.522
		1	0.410	14.33	14.74	29.522
		2	0.400	14.31	14.71	29.522
		3	0.366	14.24	14.60	29.522
		4	0.505	14.21	14.72	29.522
		5	0.613	14.07	14.68	29.522
		6	0.662	13.91	14.57	29.522
		7	0.719	13.92	14.64	29.522

Ant.3

802.11n_HT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11n_HT40 Mode: 5755~5795)

802.11n_HT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.437	13.79	14.23	29.522
		1	0.410	13.71	14.12	29.522
		2	0.400	13.78	14.18	29.522
		3	0.366	13.82	14.18	29.522
		4	0.505	13.71	14.22	29.522
		5	0.613	13.57	14.18	29.522
		6	0.662	13.48	14.15	29.522
		7	0.719	13.48	14.20	29.522
5795	159	0	0.437	14.46	14.90	29.522
		1	0.410	14.23	14.64	29.522
		2	0.400	14.34	14.74	29.522
		3	0.366	14.33	14.69	29.522
		4	0.505	14.17	14.68	29.522
		5	0.613	14.04	14.65	29.522
		6	0.662	14.00	14.66	29.522
		7	0.719	14.05	14.77	29.522

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)

Conducted Output Power Measurements (802.11n_HT40 Mode: 5755~5795)

802.11n_HT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5755	151	0	20.14	29.522
		1	20.07	29.522
		2	20.14	29.522
		3	20.06	29.522
		4	20.08	29.522
		5	20.11	29.522
		6	20.10	29.522
		7	20.10	29.522
5795	159	0	20.72	29.522
		1	20.49	29.522
		2	20.53	29.522
		3	20.47	29.522
		4	20.55	29.522
		5	20.50	29.522
		6	20.49	29.522
		7	20.50	29.522

Ant.0

802.11ac _VHT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5190~5230)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.130	10.30	10.43	29.514
		1	0.230	10.02	10.25	29.514
		2	0.340	9.85	10.19	29.514
		3	0.448	9.70	10.15	29.514
		4	0.591	9.72	10.31	29.514
		5	0.717	9.60	10.32	29.514
		6	0.802	9.55	10.35	29.514
		7	0.835	9.33	10.17	29.514
		8	0.939	9.41	10.35	29.514
		9	0.977	9.18	10.16	29.514
5230	46	0	0.130	10.20	10.33	29.514
		1	0.230	9.68	9.91	29.514
		2	0.340	9.65	9.99	29.514
		3	0.448	9.63	10.08	29.514
		4	0.591	9.60	10.19	29.514
		5	0.717	9.50	10.22	29.514
		6	0.802	9.24	10.04	29.514
		7	0.835	9.04	9.87	29.514
		8	0.939	9.25	10.19	29.514
		9	0.977	8.89	9.86	29.514

Ant.1

802.11ac _VHT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5190~5230)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.130	10.66	10.79	29.514
		1	0.230	10.51	10.74	29.514
		2	0.340	10.54	10.88	29.514
		3	0.448	10.33	10.78	29.514
		4	0.591	10.14	10.73	29.514
		5	0.717	10.13	10.85	29.514
		6	0.802	10.09	10.89	29.514
		7	0.835	9.92	10.76	29.514
		8	0.939	9.94	10.88	29.514
		9	0.977	9.85	10.83	29.514
5230	46	0	0.130	10.46	10.59	29.514
		1	0.230	10.32	10.55	29.514
		2	0.340	10.29	10.63	29.514
		3	0.448	10.23	10.68	29.514
		4	0.591	9.94	10.53	29.514
		5	0.717	9.87	10.59	29.514
		6	0.802	9.86	10.66	29.514
		7	0.835	9.76	10.60	29.514
		8	0.939	9.81	10.75	29.514
		9	0.977	9.79	10.76	29.514

Ant.2

802.11ac _VHT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5190~5230)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.130	11.04	11.17	29.514
		1	0.230	10.91	11.14	29.514
		2	0.340	10.78	11.12	29.514
		3	0.448	10.70	11.15	29.514
		4	0.591	10.43	11.02	29.514
		5	0.717	10.45	11.17	29.514
		6	0.802	10.24	11.04	29.514
		7	0.835	10.26	11.10	29.514
		8	0.939	10.19	11.13	29.514
		9	0.977	10.17	11.15	29.514
5230	46	0	0.130	10.86	10.99	29.514
		1	0.230	10.73	10.96	29.514
		2	0.340	10.61	10.95	29.514
		3	0.448	10.36	10.81	29.514
		4	0.591	10.37	10.96	29.514
		5	0.717	10.29	11.01	29.514
		6	0.802	9.93	10.73	29.514
		7	0.835	9.97	10.81	29.514
		8	0.939	10.00	10.94	29.514
		9	0.977	9.94	10.92	29.514

Ant.3

802.11ac _VHT40 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5190~5230)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	0.130	11.49	11.62	29.514
		1	0.230	11.37	11.60	29.514
		2	0.340	11.22	11.56	29.514
		3	0.448	11.25	11.70	29.514
		4	0.591	10.82	11.41	29.514
		5	0.717	10.91	11.63	29.514
		6	0.802	10.62	11.42	29.514
		7	0.835	10.70	11.54	29.514
		8	0.939	10.58	11.52	29.514
		9	0.977	10.53	11.51	29.514
5230	46	0	0.130	11.25	11.38	29.514
		1	0.230	11.29	11.52	29.514
		2	0.340	11.10	11.44	29.514
		3	0.448	10.99	11.44	29.514
		4	0.591	10.49	11.08	29.514
		5	0.717	10.65	11.37	29.514
		6	0.802	10.41	11.21	29.514
		7	0.835	10.57	11.40	29.514
		8	0.939	10.23	11.17	29.514
		9	0.977	10.31	11.29	29.514

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 1)

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5190~5230)

802.11ac_VHT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5190	38	0	17.03	23.49
		1	16.97	23.49
		2	16.97	23.49
		3	16.98	23.49
		4	16.90	23.49
		5	17.02	23.49
		6	16.96	23.49
		7	16.92	23.49
		8	17.00	23.49
		9	16.94	23.49
5230	46	0	16.85	23.49
		1	16.77	23.49
		2	16.79	23.49
		3	16.79	23.49
		4	16.72	23.49
		5	16.83	23.49
		6	16.69	23.49
		7	16.71	23.49
		8	16.79	23.49
		9	16.75	23.49

Ant.0

802.11ac _VHT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5270~5310)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.130	9.20	9.33	23.179
		1	0.230	8.73	8.96	23.179
		2	0.340	8.71	9.05	23.179
		3	0.448	8.46	8.91	23.179
		4	0.591	8.40	8.99	23.179
		5	0.717	8.24	8.96	23.179
		6	0.802	8.26	9.06	23.179
		7	0.835	8.15	8.99	23.179
		8	0.939	8.07	9.01	23.179
		9	0.977	7.97	8.95	23.179
5310	62	0	0.130	9.18	9.31	23.179
		1	0.230	8.68	8.91	23.179
		2	0.340	8.86	9.20	23.179
		3	0.448	8.47	8.92	23.179
		4	0.591	8.44	9.03	23.179
		5	0.717	8.25	8.97	23.179
		6	0.802	8.31	9.11	23.179
		7	0.835	8.13	8.97	23.179
		8	0.939	8.21	9.15	23.179
		9	0.977	7.98	8.96	23.179

Ant.1

802.11ac _VHT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5270~5310)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.130	8.85	8.98	23.179
		1	0.230	8.56	8.79	23.179
		2	0.340	8.54	8.88	23.179
		3	0.448	8.45	8.90	23.179
		4	0.591	8.17	8.76	23.179
		5	0.717	8.10	8.82	23.179
		6	0.802	8.29	9.09	23.179
		7	0.835	8.22	9.06	23.179
		8	0.939	8.12	9.06	23.179
		9	0.977	7.93	8.91	23.179
5310	62	0	0.130	8.47	8.60	23.179
		1	0.230	8.33	8.56	23.179
		2	0.340	8.49	8.83	23.179
		3	0.448	8.10	8.55	23.179
		4	0.591	8.15	8.74	23.179
		5	0.717	7.96	8.68	23.179
		6	0.802	7.91	8.71	23.179
		7	0.835	7.90	8.74	23.179
		8	0.939	7.87	8.81	23.179
		9	0.977	7.75	8.73	23.179

Ant.2

802.11ac _VHT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5270~5310)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.130	9.37	9.50	23.179
		1	0.230	9.31	9.54	23.179
		2	0.340	9.06	9.40	23.179
		3	0.448	9.01	9.46	23.179
		4	0.591	8.74	9.33	23.179
		5	0.717	8.60	9.32	23.179
		6	0.802	8.57	9.37	23.179
		7	0.835	8.55	9.39	23.179
		8	0.939	8.38	9.32	23.179
		9	0.977	8.36	9.34	23.179
5310	62	0	0.130	9.54	9.67	23.179
		1	0.230	9.14	9.37	23.179
		2	0.340	9.17	9.51	23.179
		3	0.448	8.91	9.36	23.179
		4	0.591	8.75	9.34	23.179
		5	0.717	8.73	9.45	23.179
		6	0.802	8.18	8.98	23.179
		7	0.835	8.53	9.37	23.179
		8	0.939	8.25	9.19	23.179
		9	0.977	8.32	9.30	23.179

Ant.3

802.11ac _VHT40 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5270~5310)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	0.130	9.80	9.93	23.179
		1	0.230	9.59	9.82	23.179
		2	0.340	9.40	9.74	23.179
		3	0.448	9.35	9.80	23.179
		4	0.591	9.02	9.61	23.179
		5	0.717	9.08	9.80	23.179
		6	0.802	8.92	9.72	23.179
		7	0.835	8.97	9.81	23.179
		8	0.939	8.74	9.68	23.179
		9	0.977	8.74	9.72	23.179
5310	62	0	0.130	9.53	9.66	23.179
		1	0.230	9.36	9.59	23.179
		2	0.340	9.18	9.52	23.179
		3	0.448	9.24	9.69	23.179
		4	0.591	8.89	9.48	23.179
		5	0.717	8.85	9.57	23.179
		6	0.802	8.70	9.50	23.179
		7	0.835	8.77	9.61	23.179
		8	0.939	8.63	9.57	23.179
		9	0.977	8.72	9.70	23.179

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2A)

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5270~5310)

802.11ac_VHT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5270	54	0	15.46	17.16
		1	15.31	17.16
		2	15.29	17.16
		3	15.29	17.16
		4	15.20	17.16
		5	15.25	17.16
		6	15.34	17.16
		7	15.33	17.16
		8	15.29	17.16
		9	15.25	17.16
5310	62	0	15.34	17.16
		1	15.14	17.16
		2	15.29	17.16
		3	15.16	17.16
		4	15.17	17.16
		5	15.19	17.16
		6	15.10	17.16
		7	15.20	17.16
		8	15.20	17.16
		9	15.20	17.16

Ant.0

802.11ac _VHT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5510~5710)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.130	8.94	9.07	23.497
		1	0.230	8.48	8.71	23.497
		2	0.340	8.35	8.69	23.497
		3	0.448	8.12	8.57	23.497
		4	0.591	8.40	8.99	23.497
		5	0.717	8.03	8.75	23.497
		6	0.802	8.14	8.94	23.497
		7	0.835	7.84	8.68	23.497
		8	0.939	7.95	8.89	23.497
		9	0.977	7.90	8.88	23.497
5590	118	0	0.130	8.63	8.76	23.497
		1	0.230	8.32	8.55	23.497
		2	0.340	8.49	8.83	23.497
		3	0.448	8.04	8.49	23.497
		4	0.591	8.01	8.60	23.497
		5	0.717	7.74	8.46	23.497
		6	0.802	7.98	8.78	23.497
		7	0.835	7.79	8.63	23.497
		8	0.939	7.56	8.50	23.497
		9	0.977	7.83	8.81	23.497
5710	142	0	0.130	8.60	8.73	23.497
		1	0.230	8.15	8.38	23.497
		2	0.340	8.26	8.60	23.497
		3	0.448	7.95	8.40	23.497
		4	0.591	7.98	8.57	23.497
		5	0.717	7.51	8.23	23.497
		6	0.802	7.61	8.41	23.497
		7	0.835	7.40	8.24	23.497
		8	0.939	7.42	8.36	23.497
		9	0.977	7.18	8.16	23.497

Ant.1

802.11ac _VHT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5510~5710)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.130	7.78	7.91	23.497
		1	0.230	7.49	7.72	23.497
		2	0.340	7.47	7.81	23.497
		3	0.448	7.39	7.84	23.497
		4	0.591	7.39	7.98	23.497
		5	0.717	7.15	7.87	23.497
		6	0.802	7.21	8.01	23.497
		7	0.835	7.00	7.84	23.497
		8	0.939	7.04	7.98	23.497
		9	0.977	6.97	7.95	23.497
5590	118	0	0.130	7.67	7.80	23.497
		1	0.230	7.31	7.54	23.497
		2	0.340	7.43	7.77	23.497
		3	0.448	7.11	7.56	23.497
		4	0.591	7.11	7.70	23.497
		5	0.717	6.90	7.62	23.497
		6	0.802	6.93	7.73	23.497
		7	0.835	6.87	7.71	23.497
		8	0.939	6.72	7.66	23.497
		9	0.977	6.77	7.75	23.497
5710	142	0	0.130	7.29	7.42	23.497
		1	0.230	7.17	7.40	23.497
		2	0.340	6.98	7.32	23.497
		3	0.448	6.94	7.39	23.497
		4	0.591	6.82	7.41	23.497
		5	0.717	6.64	7.36	23.497
		6	0.802	6.55	7.35	23.497
		7	0.835	6.54	7.38	23.497
		8	0.939	6.41	7.35	23.497
		9	0.977	6.25	7.23	23.497

Ant.2

802.11ac _VHT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5510~5710)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.130	8.90	9.03	23.497
		1	0.230	8.65	8.88	23.497
		2	0.340	8.41	8.75	23.497
		3	0.448	8.12	8.57	23.497
		4	0.591	8.21	8.80	23.497
		5	0.717	8.24	8.96	23.497
		6	0.802	8.15	8.95	23.497
		7	0.835	8.19	9.03	23.497
		8	0.939	7.98	8.92	23.497
		9	0.977	7.91	8.89	23.497
5590	118	0	0.130	8.97	9.10	23.497
		1	0.230	8.57	8.80	23.497
		2	0.340	8.36	8.70	23.497
		3	0.448	8.21	8.66	23.497
		4	0.591	7.89	8.48	23.497
		5	0.717	7.88	8.60	23.497
		6	0.802	7.71	8.51	23.497
		7	0.835	7.78	8.62	23.497
		8	0.939	7.52	8.46	23.497
		9	0.977	7.56	8.54	23.497
5710	142	0	0.130	7.79	7.92	23.497
		1	0.230	7.82	8.05	23.497
		2	0.340	7.54	7.88	23.497
		3	0.448	7.47	7.92	23.497
		4	0.591	7.19	7.78	23.497
		5	0.717	7.27	7.99	23.497
		6	0.802	7.05	7.85	23.497
		7	0.835	7.17	8.01	23.497
		8	0.939	6.97	7.91	23.497
		9	0.977	6.83	7.81	23.497

Ant.3

802.11ac _VHT40 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5510~5710)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	0.130	8.23	8.36	23.497
		1	0.230	8.01	8.24	23.497
		2	0.340	7.93	8.27	23.497
		3	0.448	7.69	8.14	23.497
		4	0.591	7.61	8.20	23.497
		5	0.717	7.67	8.39	23.497
		6	0.802	7.54	8.34	23.497
		7	0.835	7.58	8.42	23.497
		8	0.939	7.28	8.22	23.497
		9	0.977	7.32	8.30	23.497
5590	118	0	0.130	7.94	8.07	23.497
		1	0.230	7.70	7.93	23.497
		2	0.340	7.49	7.83	23.497
		3	0.448	7.36	7.81	23.497
		4	0.591	7.06	7.65	23.497
		5	0.717	7.08	7.80	23.497
		6	0.802	6.86	7.66	23.497
		7	0.835	6.98	7.82	23.497
		8	0.939	6.65	7.59	23.497
		9	0.977	6.72	7.70	23.497
5710	142	0	0.130	4.67	4.80	23.497
		1	0.230	4.51	4.74	23.497
		2	0.340	4.42	4.76	23.497
		3	0.448	4.48	4.93	23.497
		4	0.591	4.06	4.65	23.497
		5	0.717	4.08	4.80	23.497
		6	0.802	3.86	4.66	23.497
		7	0.835	4.01	4.85	23.497
		8	0.939	3.60	4.54	23.497
		9	0.977	3.66	4.64	23.497

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5510~5710)

802.11ac_VHT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5510	102	0	14.63	17.48
		1	14.42	17.48
		2	14.41	17.48
		3	14.30	17.48
		4	14.52	17.48
		5	14.52	17.48
		6	14.59	17.48
		7	14.52	17.48
		8	14.53	17.48
		9	14.53	17.48
5590	118	0	14.47	17.48
		1	14.24	17.48
		2	14.32	17.48
		3	14.16	17.48
		4	14.14	17.48
		5	14.15	17.48
		6	14.21	17.48
		7	14.22	17.48
		8	14.08	17.48
		9	14.23	17.48
5710	142	0	13.36	17.48
		1	13.27	17.48
		2	13.28	17.48
		3	13.28	17.48
		4	13.24	17.48
		5	13.21	17.48
		6	13.20	17.48
		7	13.24	17.48
		8	13.18	17.48
		9	13.08	17.48

Ant.0

802.11ac_VHT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5755~5795)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.130	14.34	14.47	29.522
		1	0.230	14.10	14.33	29.522
		2	0.340	13.90	14.24	29.522
		3	0.448	13.82	14.27	29.522
		4	0.591	13.72	14.31	29.522
		5	0.717	13.57	14.29	29.522
		6	0.802	13.62	14.42	29.522
		7	0.835	13.47	14.30	29.522
		8	0.939	13.33	14.27	29.522
		9	0.977	13.31	14.29	29.522
5795	159	0	0.130	14.66	14.79	29.522
		1	0.230	14.36	14.59	29.522
		2	0.340	14.37	14.71	29.522
		3	0.448	14.20	14.65	29.522
		4	0.591	14.04	14.63	29.522
		5	0.717	13.95	14.67	29.522
		6	0.802	13.91	14.72	29.522
		7	0.835	13.84	14.67	29.522
		8	0.939	13.67	14.61	29.522
		9	0.977	13.80	14.77	29.522

Ant.1

802.11ac_VHT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5755~5795)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.130	13.65	13.78	29.522
		1	0.230	13.30	13.53	29.522
		2	0.340	13.29	13.62	29.522
		3	0.448	13.21	13.66	29.522
		4	0.591	12.97	13.57	29.522
		5	0.717	13.03	13.75	29.522
		6	0.802	12.94	13.74	29.522
		7	0.835	12.93	13.77	29.522
		8	0.939	12.74	13.68	29.522
		9	0.977	12.76	13.74	29.522
5795	159	0	0.130	13.78	13.91	29.522
		1	0.230	13.67	13.90	29.522
		2	0.340	13.43	13.77	29.522
		3	0.448	13.36	13.81	29.522
		4	0.591	13.33	13.92	29.522
		5	0.717	13.23	13.95	29.522
		6	0.802	13.06	13.87	29.522
		7	0.835	12.99	13.82	29.522
		8	0.939	13.04	13.98	29.522
		9	0.977	12.96	13.94	29.522

Ant.2

802.11ac_VHT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5755~5795)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.130	14.17	14.30	29.522
		1	0.230	13.93	14.16	29.522
		2	0.340	13.80	14.14	29.522
		3	0.448	13.72	14.17	29.522
		4	0.591	13.51	14.10	29.522
		5	0.717	13.43	14.15	29.522
		6	0.802	13.44	14.24	29.522
		7	0.835	13.58	14.42	29.522
		8	0.939	13.31	14.25	29.522
		9	0.977	13.26	14.24	29.522
5795	159	0	0.130	14.54	14.67	29.522
		1	0.230	14.43	14.66	29.522
		2	0.340	14.31	14.65	29.522
		3	0.448	14.31	14.76	29.522
		4	0.591	14.03	14.62	29.522
		5	0.717	13.89	14.61	29.522
		6	0.802	13.83	14.63	29.522
		7	0.835	13.75	14.59	29.522
		8	0.939	13.69	14.63	29.522
		9	0.977	13.64	14.61	29.522

Ant.3

802.11ac_VHT40 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5755~5795)

802.11ac_VHT40 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	0.130	14.19	14.32	29.522
		1	0.230	13.97	14.20	29.522
		2	0.340	13.82	14.16	29.522
		3	0.448	13.84	14.29	29.522
		4	0.591	13.63	14.22	29.522
		5	0.717	13.55	14.26	29.522
		6	0.802	13.41	14.21	29.522
		7	0.835	13.41	14.25	29.522
		8	0.939	13.22	14.16	29.522
		9	0.977	13.33	14.31	29.522
5795	159	0	0.130	14.75	14.88	29.522
		1	0.230	14.37	14.60	29.522
		2	0.340	14.43	14.77	29.522
		3	0.448	14.32	14.77	29.522
		4	0.591	14.13	14.72	29.522
		5	0.717	14.04	14.75	29.522
		6	0.802	14.02	14.82	29.522
		7	0.835	13.83	14.66	29.522
		8	0.939	13.63	14.57	29.522
		9	0.977	13.84	14.81	29.522

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)

Conducted Output Power Measurements (802.11ac_VHT40 Mode: 5755~5795)

802.11ac_VHT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5755	151	0	20.24	23.50
		1	20.08	23.50
		2	20.06	23.50
		3	20.12	23.50
		4	20.08	23.50
		5	20.14	23.50
		6	20.18	23.50
		7	20.21	23.50
		8	20.11	23.50
		9	20.17	23.50
5795	159	0	20.59	23.50
		1	20.47	23.50
		2	20.51	23.50
		3	20.53	23.50
		4	20.50	23.50
		5	20.52	23.50
		6	20.54	23.50
		7	20.46	23.50
		8	20.47	23.50
		9	20.56	23.50

Ant.0

802.11ac_VHT80 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5210)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	0.257	9.65	9.91	29.514
		1	0.458	9.26	9.72	29.514
		2	0.652	9.18	9.83	29.514
		3	0.753	8.63	9.38	29.514
		4	0.969	8.72	9.69	29.514
		5	1.112	8.59	9.70	29.514
		6	1.200	8.33	9.53	29.514
		7	1.249	8.28	9.53	29.514
		8	1.362	8.34	9.70	29.514
		9	1.427	8.27	9.70	29.514

Ant.1

802.11ac_VHT80 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5210)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	0.257	9.94	10.20	29.514
		1	0.458	9.38	9.84	29.514
		2	0.652	9.24	9.89	29.514
		3	0.753	9.23	9.98	29.514
		4	0.969	9.12	10.09	29.514
		5	1.112	9.03	10.14	29.514
		6	1.200	8.72	9.92	29.514
		7	1.249	8.72	9.97	29.514
		8	1.362	8.72	10.08	29.514
		9	1.427	8.75	10.18	29.514

Ant.2

802.11ac_VHT80 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5210)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	0.257	10.55	10.81	29.514
		1	0.458	10.08	10.54	29.514
		2	0.652	9.95	10.60	29.514
		3	0.753	9.87	10.62	29.514
		4	0.969	9.55	10.52	29.514
		5	1.112	9.58	10.69	29.514
		6	1.200	9.45	10.65	29.514
		7	1.249	9.37	10.62	29.514
		8	1.362	9.03	10.39	29.514
		9	1.427	9.26	10.69	29.514

Ant.3

802.11ac_VHT80 (UNII 1)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5210)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	0.257	10.16	10.42	29.514
		1	0.458	10.23	10.69	29.514
		2	0.652	9.66	10.31	29.514
		3	0.753	9.65	10.40	29.514
		4	0.969	9.34	10.31	29.514
		5	1.112	9.49	10.60	29.514
		6	1.200	9.09	10.29	29.514
		7	1.249	9.17	10.42	29.514
		8	1.362	8.96	10.32	29.514
		9	1.427	9.18	10.61	29.514

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 1)

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5210)

802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5210	42	0	16.36	23.49
		1	16.23	23.49
		2	16.19	23.49
		3	16.13	23.49
		4	16.18	23.49
		5	16.31	23.49
		6	16.13	23.49
		7	16.17	23.49
		8	16.15	23.49
		9	16.32	23.49

Ant.0

802.11ac_VHT80 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5290)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	0.257	8.92	9.18	23.179
		1	0.458	8.70	9.16	23.179
		2	0.652	8.41	9.06	23.179
		3	0.753	8.48	9.23	23.179
		4	0.969	8.06	9.03	23.179
		5	1.112	8.12	9.23	23.179
		6	1.200	7.93	9.13	23.179
		7	1.249	8.11	9.36	23.179
		8	1.362	7.68	9.04	23.179
		9	1.427	7.84	9.27	23.179

Ant.1

802.11ac_VHT80 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5290)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	0.257	8.65	8.91	23.179
		1	0.458	8.39	8.85	23.179
		2	0.652	8.16	8.81	23.179
		3	0.753	8.18	8.93	23.179
		4	0.969	7.90	8.87	23.179
		5	1.112	7.89	9.00	23.179
		6	1.200	7.85	9.05	23.179
		7	1.249	7.61	8.86	23.179
		8	1.362	7.60	8.96	23.179
		9	1.427	7.57	9.00	23.179

Ant.2

802.11ac_VHT80 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5290)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	0.257	9.55	9.81	23.179
		1	0.458	8.91	9.37	23.179
		2	0.652	9.14	9.79	23.179
		3	0.753	8.82	9.57	23.179
		4	0.969	8.59	9.56	23.179
		5	1.112	8.35	9.46	23.179
		6	1.200	8.36	9.56	23.179
		7	1.249	8.26	9.51	23.179
		8	1.362	8.27	9.63	23.179
		9	1.427	8.23	9.66	23.179

Ant.3

802.11ac_VHT80 (UNII 2A)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5290)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	0.257	9.63	9.89	23.179
		1	0.458	9.07	9.53	23.179
		2	0.652	9.13	9.78	23.179
		3	0.753	8.80	9.55	23.179
		4	0.969	8.62	9.59	23.179
		5	1.112	8.57	9.68	23.179
		6	1.200	8.69	9.89	23.179
		7	1.249	8.30	9.55	23.179
		8	1.362	8.36	9.72	23.179
		9	1.427	8.25	9.68	23.179

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2A)

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5290)

802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5290	58	0	15.47	17.16
		1	15.25	17.16
		2	15.39	17.16
		3	15.35	17.16
		4	15.29	17.16
		5	15.37	17.16
		6	15.43	17.16
		7	15.34	17.16
		8	15.37	17.16
		9	15.42	17.16

Ant.0

802.11ac_VHT80 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	0.257	8.66	8.92	23.497
		1	0.458	8.08	8.54	23.497
		2	0.652	8.10	8.75	23.497
		3	0.753	8.00	8.75	23.497
		4	0.969	7.71	8.68	23.497
		5	1.112	7.53	8.64	23.497
		6	1.200	7.65	8.85	23.497
		7	1.249	7.65	8.90	23.497
		8	1.362	7.39	8.75	23.497
		9	1.427	7.14	8.57	23.497
5610	122	0	0.257	8.30	8.56	23.497
		1	0.458	7.85	8.31	23.497
		2	0.652	7.86	8.51	23.497
		3	0.753	7.37	8.12	23.497
		4	0.969	7.44	8.41	23.497
		5	1.112	7.24	8.35	23.497
		6	1.200	7.19	8.39	23.497
		7	1.249	7.12	8.37	23.497
		8	1.362	7.11	8.47	23.497
		9	1.427	6.89	8.32	23.497
5690	138	0	0.257	8.23	8.49	23.497
		1	0.458	7.79	8.25	23.497
		2	0.652	7.74	8.40	23.497
		3	0.753	7.32	8.07	23.497
		4	0.969	7.21	8.18	23.497
		5	1.112	7.01	8.12	23.497
		6	1.200	7.07	8.27	23.497
		7	1.249	6.84	8.09	23.497
		8	1.362	6.88	8.24	23.497
		9	1.427	6.81	8.23	23.497

Ant.1

802.11ac_VHT80 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	0.257	8.45	8.71	23.497
		1	0.458	7.96	8.42	23.497
		2	0.652	7.83	8.48	23.497
		3	0.753	7.70	8.45	23.497
		4	0.969	7.41	8.38	23.497
		5	1.112	7.41	8.52	23.497
		6	1.200	7.51	8.71	23.497
		7	1.249	7.26	8.51	23.497
		8	1.362	7.20	8.56	23.497
		9	1.427	7.11	8.54	23.497
5610	122	0	0.257	7.35	7.61	23.497
		1	0.458	7.02	7.48	23.497
		2	0.652	6.88	7.53	23.497
		3	0.753	6.62	7.37	23.497
		4	0.969	6.58	7.55	23.497
		5	1.112	6.41	7.52	23.497
		6	1.200	6.29	7.49	23.497
		7	1.249	6.31	7.56	23.497
		8	1.362	6.26	7.62	23.497
		9	1.427	6.15	7.58	23.497
5690	138	0	0.257	7.18	7.44	23.497
		1	0.458	6.91	7.37	23.497
		2	0.652	6.60	7.25	23.497
		3	0.753	6.44	7.19	23.497
		4	0.969	6.43	7.40	23.497
		5	1.112	6.29	7.40	23.497
		6	1.200	6.22	7.42	23.497
		7	1.249	6.14	7.39	23.497
		8	1.362	5.97	7.33	23.497
		9	1.427	5.95	7.37	23.497

Ant.2

802.11ac_VHT80 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	0.257	8.69	8.95	23.497
		1	0.458	8.49	8.95	23.497
		2	0.652	8.27	8.92	23.497
		3	0.753	8.11	8.86	23.497
		4	0.969	7.76	8.73	23.497
		5	1.112	8.00	9.11	23.497
		6	1.200	7.67	8.87	23.497
		7	1.249	7.79	9.04	23.497
		8	1.362	7.50	8.86	23.497
		9	1.427	7.66	9.09	23.497
5610	122	0	0.257	7.16	7.42	23.497
		1	0.458	6.82	7.28	23.497
		2	0.652	6.69	7.34	23.497
		3	0.753	6.66	7.41	23.497
		4	0.969	6.31	7.28	23.497
		5	1.112	6.39	7.50	23.497
		6	1.200	6.13	7.33	23.497
		7	1.249	6.18	7.43	23.497
		8	1.362	5.94	7.30	23.497
		9	1.427	6.08	7.51	23.497
5690	138	0	0.257	6.95	7.21	23.497
		1	0.458	6.62	7.08	23.497
		2	0.652	6.55	7.20	23.497
		3	0.753	6.36	7.11	23.497
		4	0.969	6.06	7.03	23.497
		5	1.112	6.11	7.22	23.497
		6	1.200	6.05	7.25	23.497
		7	1.249	5.90	7.15	23.497
		8	1.362	5.85	7.22	23.497
		9	1.427	5.90	7.32	23.497

Ant.3

802.11ac_VHT80 (UNII 2C)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	0.257	7.65	7.91	23.497
		1	0.458	7.50	7.96	23.497
		2	0.652	7.08	7.73	23.497
		3	0.753	7.10	7.85	23.497
		4	0.969	6.62	7.59	23.497
		5	1.112	6.80	7.91	23.497
		6	1.200	6.54	7.74	23.497
		7	1.249	6.68	7.93	23.497
		8	1.362	6.24	7.60	23.497
		9	1.427	6.42	7.85	23.497
5610	122	0	0.257	5.04	5.30	23.497
		1	0.458	4.88	5.34	23.497
		2	0.652	4.58	5.23	23.497
		3	0.753	4.56	5.31	23.497
		4	0.969	4.08	5.05	23.497
		5	1.112	4.22	5.33	23.497
		6	1.200	4.00	5.20	23.497
		7	1.249	4.31	5.56	23.497
		8	1.362	3.79	5.15	23.497
		9	1.427	3.74	5.17	23.497
5690	138	0	0.257	4.84	5.10	23.497
		1	0.458	4.71	5.16	23.497
		2	0.652	4.34	4.99	23.497
		3	0.753	4.35	5.10	23.497
		4	0.969	3.85	4.82	23.497
		5	1.112	3.93	5.05	23.497
		6	1.200	3.75	4.95	23.497
		7	1.249	4.24	5.49	23.497
		8	1.362	3.58	4.95	23.497
		9	1.427	3.59	5.02	23.497

▣ TEST RESULTS_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5530	106	0	14.65	17.48
		1	14.49	17.48
		2	14.50	17.48
		3	14.51	17.48
		4	14.38	17.48
		5	14.58	17.48
		6	14.58	17.48
		7	14.63	17.48
		8	14.48	17.48
		9	14.54	17.48
5610	122	0	13.32	17.48
		1	13.19	17.48
		2	13.25	17.48
		3	13.14	17.48
		4	13.18	17.48
		5	13.27	17.48
		6	13.20	17.48
		7	13.31	17.48
		8	13.24	17.48
		9	13.24	17.48
5690	138	0	13.16	17.48
		1	13.06	17.48
		2	13.07	17.48
		3	12.95	17.48
		4	12.97	17.48
		5	13.04	17.48
		6	13.08	17.48
		7	13.10	17.48
		8	13.04	17.48
		9	13.09	17.48

Ant.0

802.11ac_VHT80 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5775)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	0.257	14.66	14.91	29.522
		1	0.458	14.40	14.86	29.522
		2	0.652	14.16	14.81	29.522
		3	0.753	14.22	14.97	29.522
		4	0.969	13.89	14.86	29.522
		5	1.112	13.71	14.82	29.522
		6	1.200	13.67	14.87	29.522
		7	1.249	13.56	14.81	29.522
		8	1.362	13.59	14.96	29.522
		9	1.427	13.46	14.88	29.522

Ant.1

802.11ac_VHT80 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5775)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	0.257	13.95	14.20	29.522
		1	0.458	13.56	14.01	29.522
		2	0.652	13.49	14.14	29.522
		3	0.753	13.29	14.04	29.522
		4	0.969	13.27	14.24	29.522
		5	1.112	13.07	14.18	29.522
		6	1.200	12.88	14.08	29.522
		7	1.249	12.96	14.21	29.522
		8	1.362	12.89	14.25	29.522
		9	1.427	12.83	14.26	29.522

Ant.2

802.11ac_VHT80 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5775)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	0.257	14.93	15.18	29.522
		1	0.458	14.46	14.92	29.522
		2	0.652	14.45	15.11	29.522
		3	0.753	14.19	14.94	29.522
		4	0.969	14.11	15.08	29.522
		5	1.112	14.00	15.11	29.522
		6	1.200	13.90	15.10	29.522
		7	1.249	13.86	15.10	29.522
		8	1.362	13.71	15.07	29.522
		9	1.427	13.63	15.06	29.522

Ant.3

802.11ac_VHT80 (UNII 3)

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5775)

802.11ac_VHT80 Mode		MCS Index	Duty Cycle Factor (dB)	Measured Power (dBm)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	0.257	14.73	14.99	29.522
		1	0.458	14.41	14.87	29.522
		2	0.652	14.14	14.79	29.522
		3	0.753	14.13	14.88	29.522
		4	0.969	14.01	14.98	29.522
		5	1.112	13.86	14.97	29.522
		6	1.200	13.82	15.01	29.522
		7	1.249	13.79	15.04	29.522
		8	1.362	13.50	14.87	29.522
		9	1.427	13.49	14.92	29.522

▣ TEST RESULTS_Sum Data of Ant.0 and Ant.1 and Ant.2 and An.3 (UNII 3)

Conducted Output Power Measurements (802.11ac_VHT80 Mode: 5775)

802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5775	155	0	20.85	23.50
		1	20.69	23.50
		2	20.74	23.50
		3	20.74	23.50
		4	20.81	23.50
		5	20.80	23.50
		6	20.80	23.50
		7	20.82	23.50
		8	20.81	23.50
		9	20.81	23.50

Ant.0, 2

802.11ac_VHT160

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT160 Mode)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	8.30	0.46	8.76	29.514
		1	8.18	0.76	8.94	29.514
		2	8.13	0.97	9.11	29.514
		3	7.88	1.11	8.99	29.514
		4	7.43	1.38	8.81	29.514
		5	7.37	1.50	8.87	29.514
		6	7.27	1.58	8.84	29.514
		7	7.30	1.64	8.94	29.514
		8	7.19	1.66	8.86	29.514
		9	7.20	1.76	8.96	29.514
5290	58	0	8.42	0.46	8.88	23.179
		1	8.32	0.76	9.08	23.179
		2	8.27	0.97	9.25	23.179
		3	7.92	1.11	9.03	23.179
		4	7.69	1.38	9.07	23.179
		5	7.74	1.50	9.23	23.179
		6	7.57	1.58	9.15	23.179
		7	7.50	1.64	9.14	23.179
		8	7.46	1.66	9.12	23.179
		9	7.41	1.76	9.17	23.179

Ant.1, 3

802.11ac_VHT160

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT160 Mode)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	7.43	0.46	7.90	29.514
		1	7.24	0.76	8.00	29.514
		2	7.19	0.97	8.16	29.514
		3	6.93	1.11	8.04	29.514
		4	6.80	1.38	8.18	29.514
		5	6.62	1.50	8.12	29.514
		6	6.57	1.58	8.14	29.514
		7	6.76	1.64	8.40	29.514
		8	6.58	1.66	8.24	29.514
		9	6.44	1.76	8.20	29.514
5290	58	0	8.86	0.46	9.32	23.179
		1	8.67	0.76	9.43	23.179
		2	8.44	0.97	9.41	23.179
		3	8.40	1.11	9.51	23.179
		4	8.14	1.38	9.52	23.179
		5	8.00	1.50	9.50	23.179
		6	7.89	1.58	9.46	23.179
		7	7.89	1.64	9.53	23.179
		8	7.80	1.66	9.46	23.179
		9	7.62	1.76	9.38	23.179

▣ TEST RESULTS_Sum Data of Ant.0, 2 and Ant.1, 3

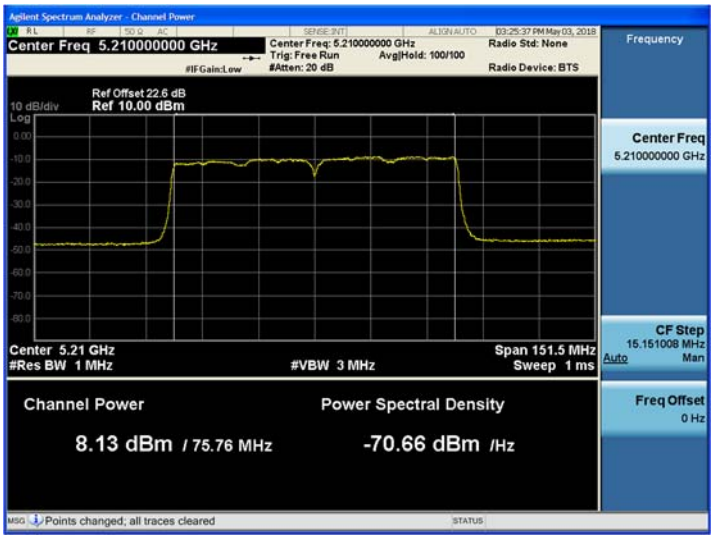
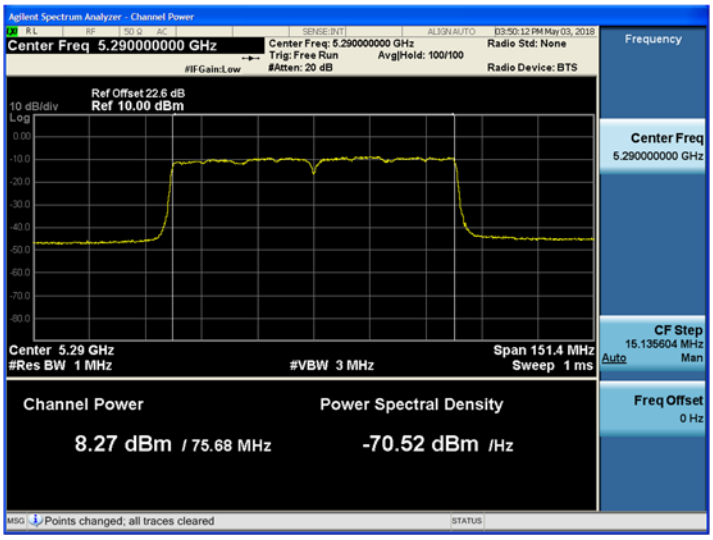
Conducted Output Power Measurements (802.11ac_VHT160)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5210	42	0	10.89	0.46	11.35	23.49
		1	10.73	0.76	11.49	23.49
		2	10.68	0.97	11.65	23.49
		3	10.43	1.11	11.54	23.49
		4	10.13	1.38	11.51	23.49
		5	10.01	1.50	11.51	23.49
		6	9.94	1.58	11.52	23.49
		7	10.04	1.64	11.68	23.49
		8	9.90	1.66	11.56	23.49
		9	9.84	1.76	11.60	23.49

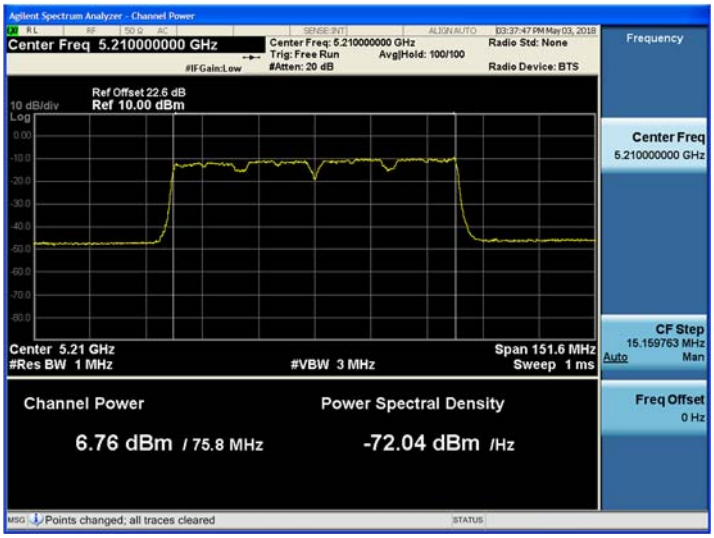
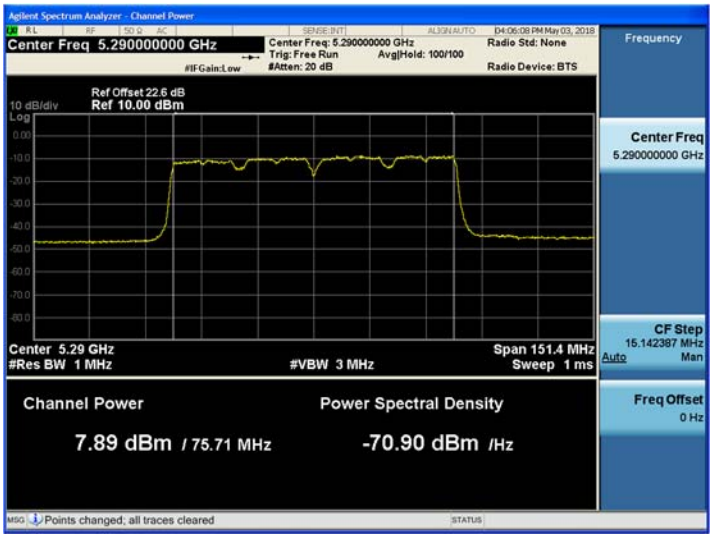
Conducted Output Power Measurements (802.11ac_VHT160)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	11.65	0.46	12.11	17.16
		1	11.51	0.76	12.27	17.16
		2	11.37	0.97	12.34	17.16
		3	11.17	1.11	12.28	17.16
		4	10.93	1.38	12.31	17.16
		5	10.88	1.50	12.38	17.16
		6	10.74	1.58	12.32	17.16
		7	10.71	1.64	12.35	17.16
		8	10.64	1.66	12.30	17.16
		9	10.53	1.76	12.29	17.16

▣ TEST Plots Ant.0, 2 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5210 MHz) CH 42 MCS2	802.11ac_VHT160 Average Power (5290 MHz) CH 58 MCS2
	

▣ TEST Plots Ant.1, 3 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5210 MHz) CH 42 MCS7	802.11ac_VHT160 Average Power (5290 MHz) CH 58 MCS7
	

Ant.0, 2

802.11ac_VHT160

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT160 Mode)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	8.32	0.46	8.78	23.497
		1	8.22	0.76	8.98	23.497
		2	8.05	0.97	9.03	23.497
		3	7.77	1.11	8.88	23.497
		4	7.57	1.38	8.95	23.497
		5	7.41	1.50	8.91	23.497
		6	7.51	1.58	9.08	23.497
		7	7.57	1.64	9.21	23.497
		8	7.38	1.66	9.04	23.497
		9	7.26	1.76	9.02	23.497
5610	122	0	7.33	0.46	7.79	23.497
		1	7.43	0.76	8.19	23.497
		2	7.17	0.97	8.15	23.497
		3	6.93	1.11	8.04	23.497
		4	6.69	1.38	8.07	23.497
		5	6.61	1.50	8.11	23.497
		6	6.48	1.58	8.05	23.497
		7	6.58	1.64	8.23	23.497
		8	6.39	1.66	8.05	23.497
		9	6.28	1.76	8.04	23.497

Ant.1, 3

802.11ac_VHT160

▣ TEST RESULTS

Conducted Output Power Measurements (802.11ac_VHT160 Mode)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	7.40	0.46	7.86	23.497
		1	7.30	0.76	8.06	23.497
		2	7.03	0.97	8.01	23.497
		3	6.90	1.11	8.01	23.497
		4	6.82	1.38	8.20	23.497
		5	6.53	1.50	8.03	23.497
		6	6.53	1.58	8.10	23.497
		7	6.51	1.64	8.16	23.497
		8	6.45	1.66	8.12	23.497
		9	6.29	1.76	8.06	23.497
5610	122	0	7.45	0.46	7.91	23.497
		1	7.31	0.76	8.07	23.497
		2	7.14	0.97	8.11	23.497
		3	7.04	1.11	8.15	23.497
		4	6.64	1.38	8.02	23.497
		5	6.71	1.50	8.21	23.497
		6	6.41	1.58	7.99	23.497
		7	6.45	1.64	8.09	23.497
		8	6.29	1.66	7.96	23.497
		9	6.22	1.76	7.98	23.497

▣ TEST RESULTS_Sum Data of Ant.0, 2 and Ant.1, 3

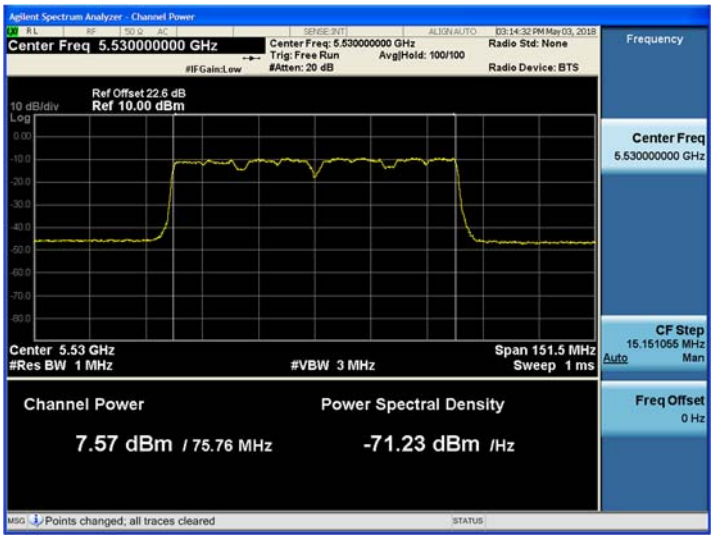
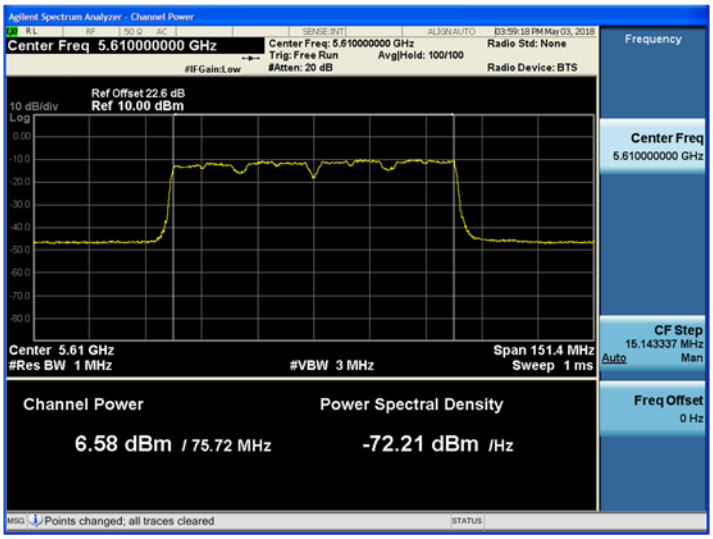
Conducted Output Power Measurements (802.11ac_VHT160)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	10.88	0.46	11.34	17.48
		1	10.78	0.76	11.54	17.48
		2	10.57	0.97	11.54	17.48
		3	10.36	1.11	11.47	17.48
		4	10.21	1.38	11.59	17.48
		5	9.99	1.50	11.49	17.48
		6	10.04	1.58	11.62	17.48
		7	10.07	1.64	11.71	17.48
		8	9.94	1.66	11.60	17.48
		9	9.80	1.76	11.56	17.48

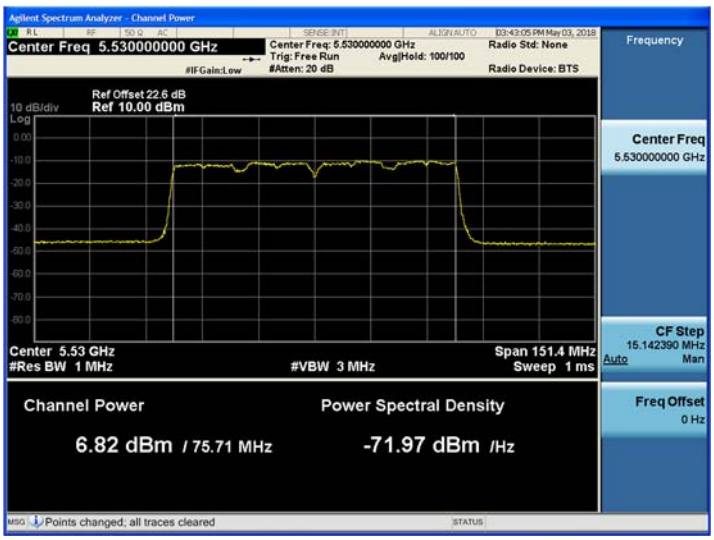
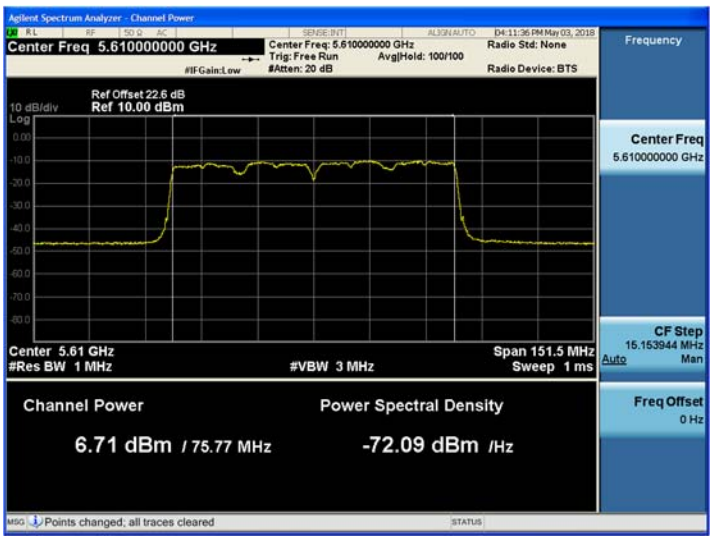
Conducted Output Power Measurements (802.11ac_VHT160)

802.11ac_VHT160 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5610	122	0	10.40	0.46	10.86	17.48
		1	10.38	0.76	11.14	17.48
		2	10.17	0.97	11.14	17.48
		3	10.00	1.11	11.11	17.48
		4	9.68	1.38	11.06	17.48
		5	9.67	1.50	11.17	17.48
		6	9.46	1.58	11.04	17.48
		7	9.53	1.64	11.17	17.48
		8	9.35	1.66	11.01	17.48
		9	9.26	1.76	11.02	17.48

▣ TEST Plots Ant.0, 2 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5530 MHz) CH 106 MCS7	802.11ac_VHT160 Average Power (5610 MHz) CH 122 MCS7
	

▣ TEST Plots Ant.1, 3 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5530 MHz) CH 106 MCS4	802.11ac_VHT160 Average Power (5610 MHz) CH 122 MCS5
	

▣Straddle channels TEST RESULTS_Ant 0

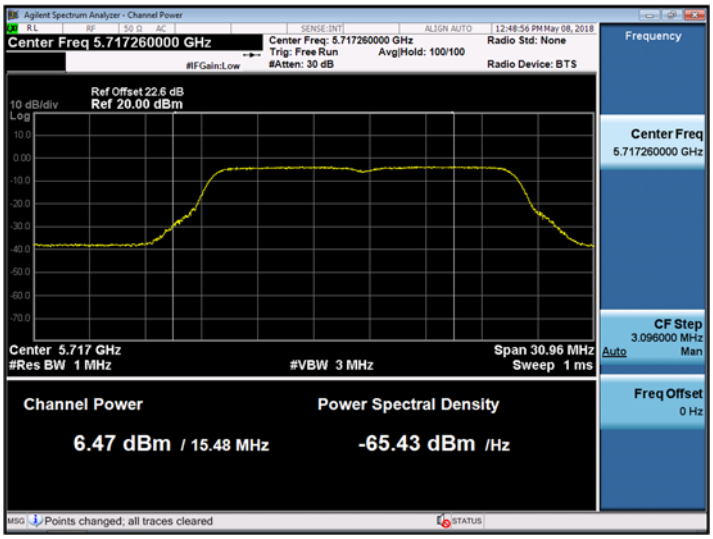
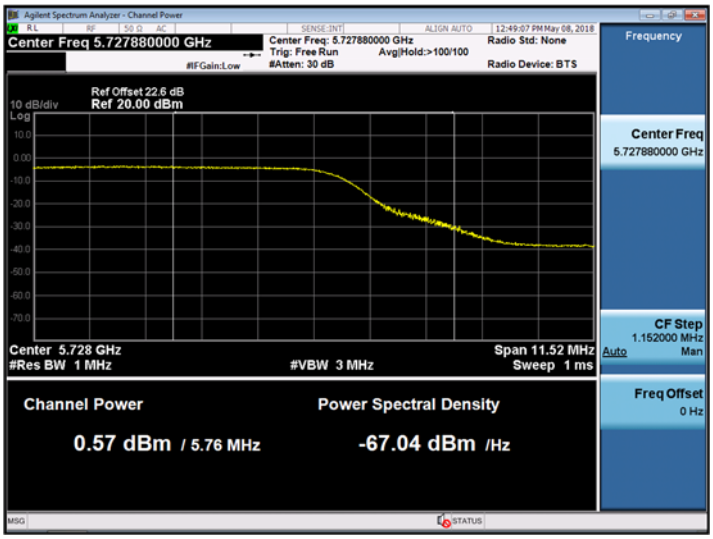
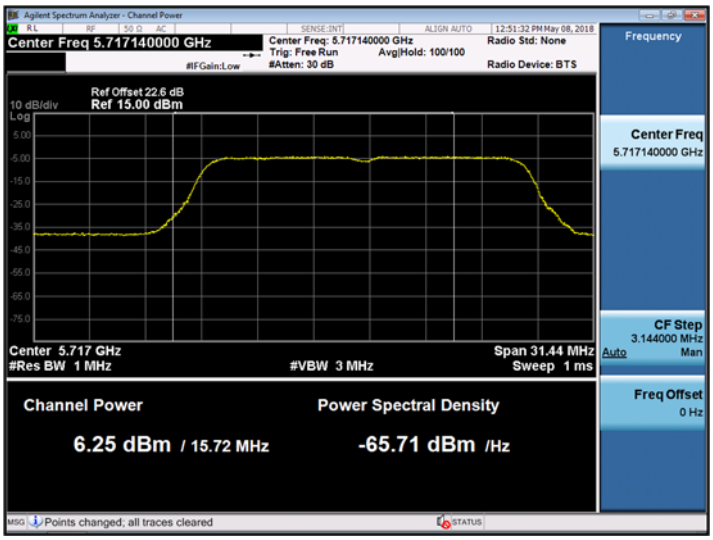
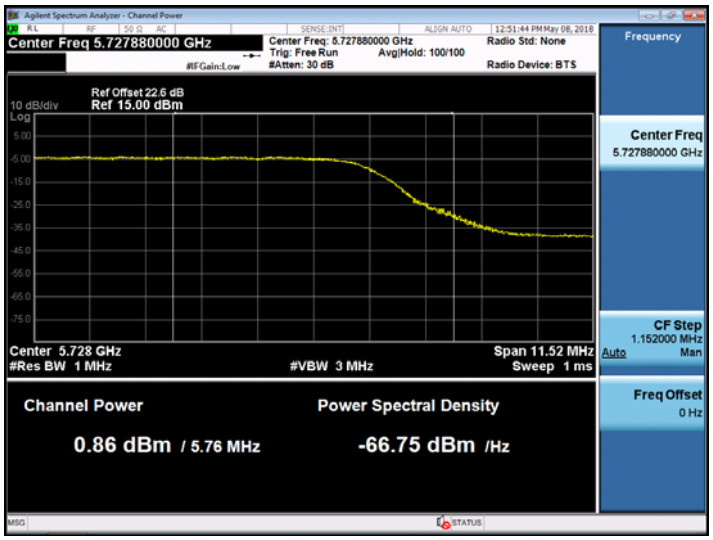
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 2C Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	6.47	0.220	6.69	22.21
802.11n			6.25	0.393	6.64	22.12
802.11ac			6.45	0.578	7.03	22.13

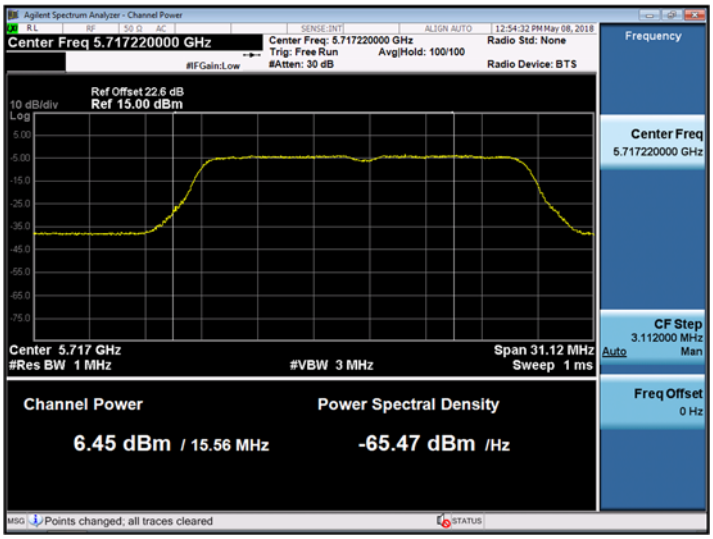
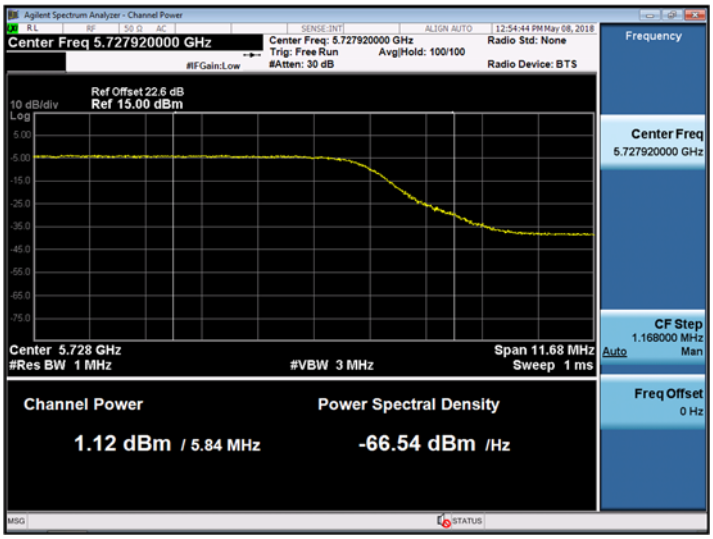
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 3 Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	0.57	0.220	0.79	23.60
802.11n			0.86	0.393	1.25	23.84
802.11ac			1.12	0.578	1.70	23.84

▣Straddle channels TEST Plot for 802.11a/n_HT20_Ant 0

802.11a UNII 2C Band Average Power CH.144	802.11a UNII 3 Band Average Power CH.144
	
802.11n_HT20 UNII 2C Band Average Power CH.144	**802.11n_HT20 UNII 3 Band Average Power CH.144**
	

▣Straddle channels TEST Plot for 802.11ac_VHT20_Ant 0

802.11ac_VHT20 UNII 2C Band Average Power CH.144	802.11ac_VHT20 UNII 3 Band Average Power CH.144
	

▣Straddle channels TEST RESULTS_Ant 1

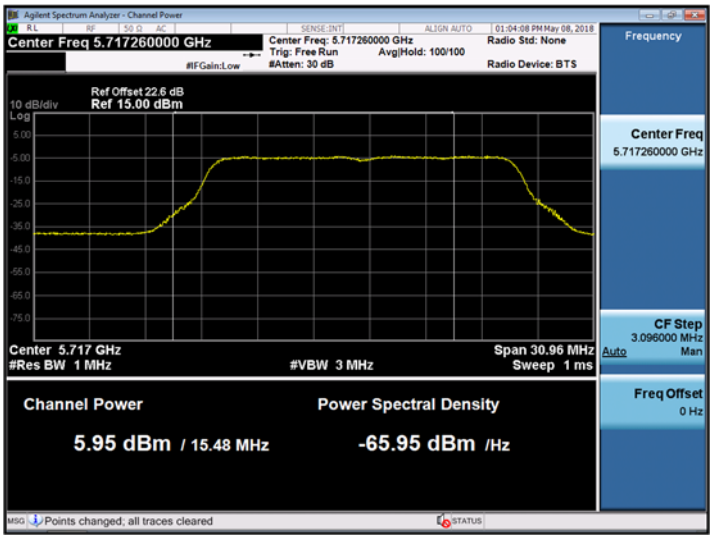
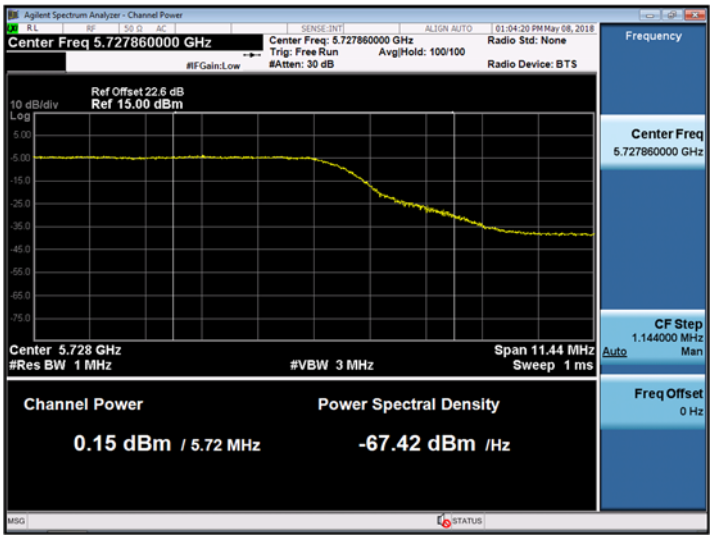
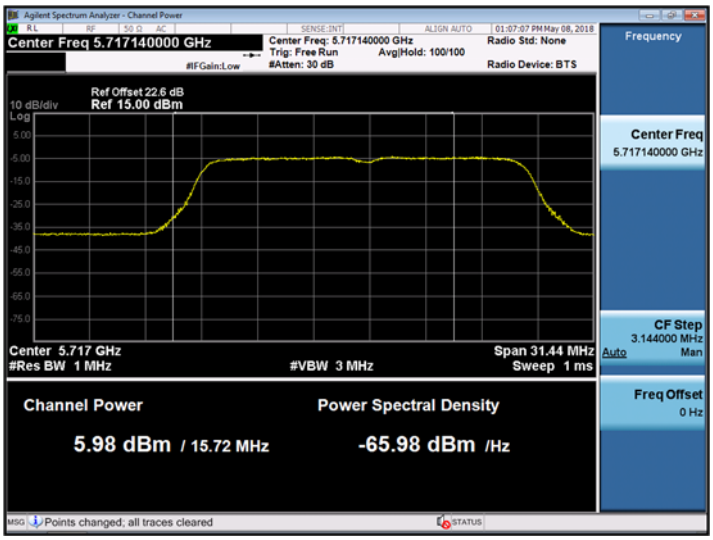
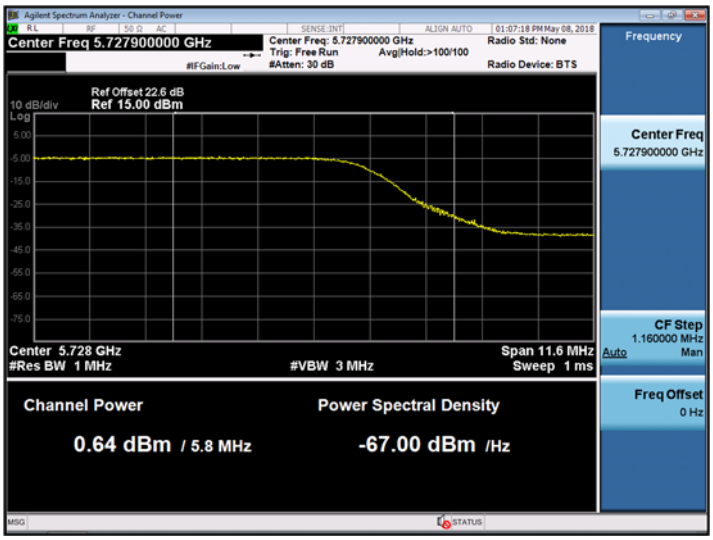
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 2C Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	5.95	0.388	6.34	22.14
802.11n			5.98	0.418	6.40	22.15
802.11ac			6.01	0.578	6.59	22.12

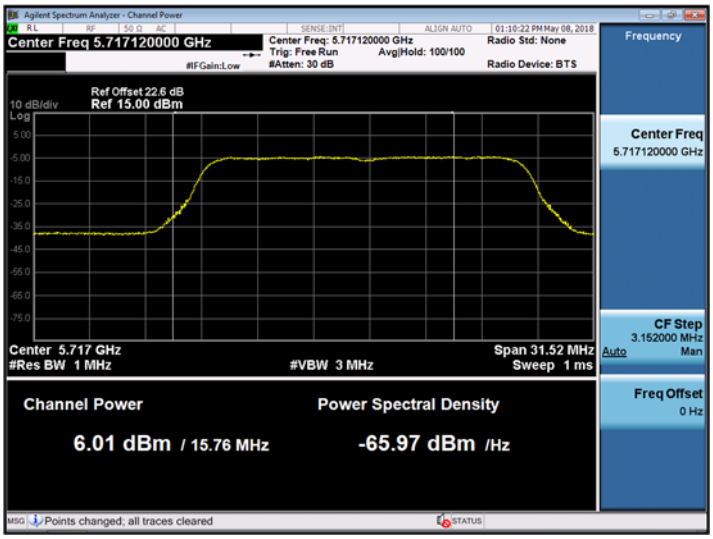
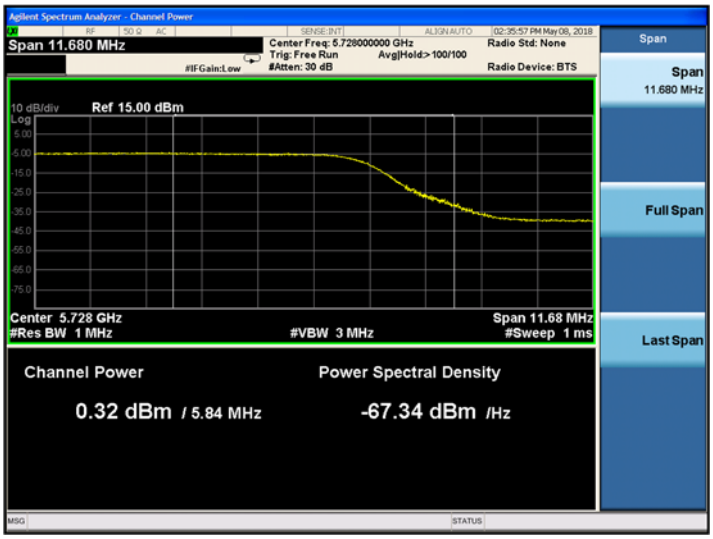
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 3 Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	0.15	0.388	0.54	23.79
802.11n			0.64	0.418	1.06	23.78
802.11ac			0.32	0.578	0.90	23.86

▣Straddle channels TEST Plot for 802.11a/n_HT20_Ant 1

802.11a UNII 2C Band Average Power CH.144	802.11a UNII 3 Band Average Power CH.144
	
802.11n_HT20 UNII 2C Band Average Power CH.144	**802.11n_HT20 UNII 3 Band Average Power CH.144**
	

▣Straddle channels TEST Plot for 802.11ac_VHT20_Ant 1

802.11ac_VHT20 UNII 2C Band Average Power CH.144	802.11ac_VHT20 UNII 3 Band Average Power CH.144
	

▣Straddle channels TEST RESULTS_Ant 2

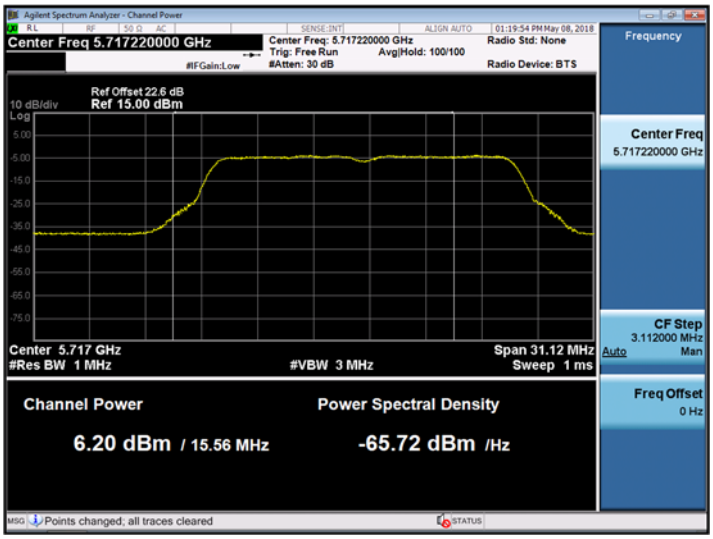
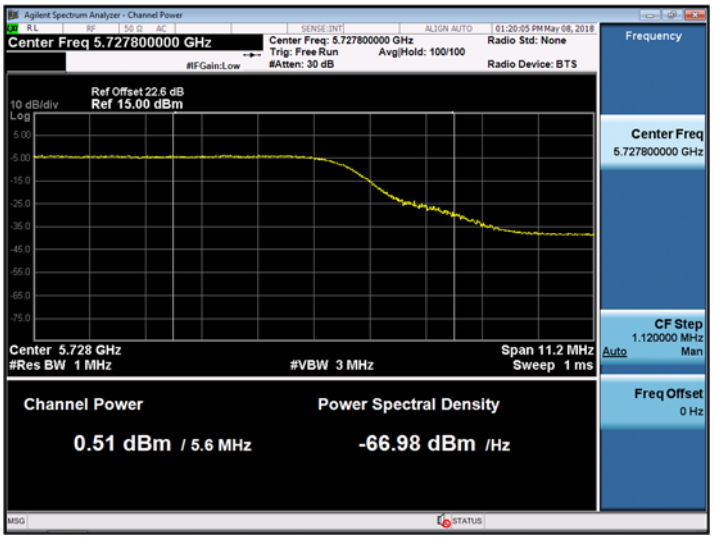
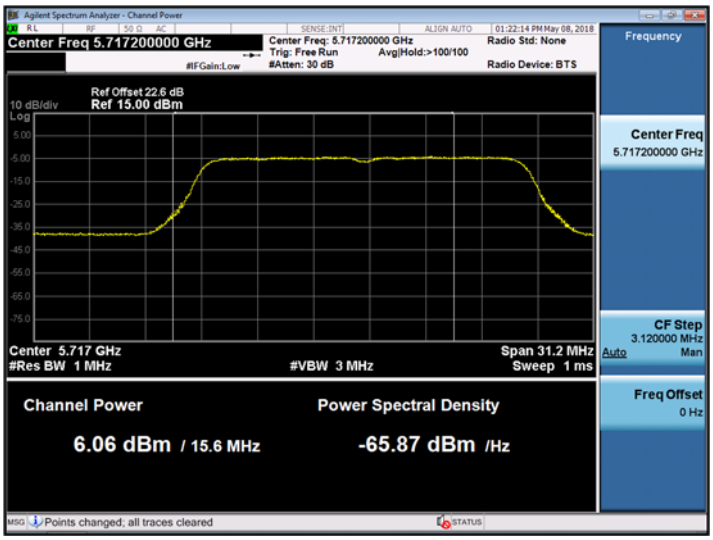
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 2C Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	6.20	0.358	6.56	22.16
802.11n			6.06	0.418	6.48	22.12
802.11ac			6.23	0.502	6.73	22.11

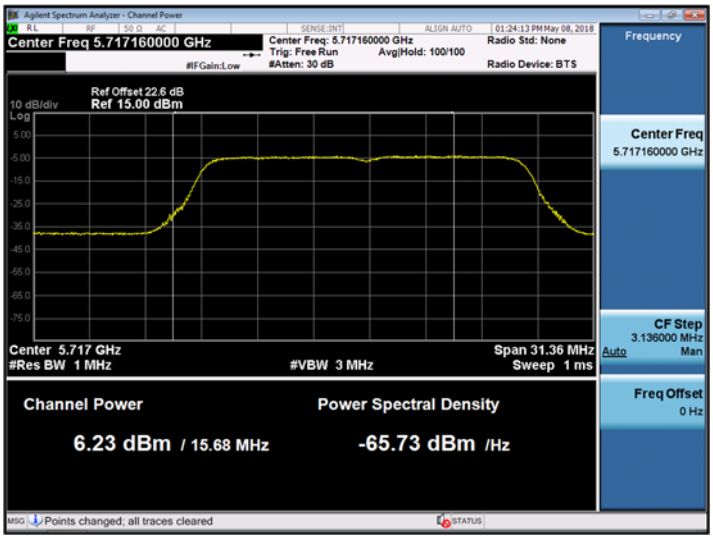
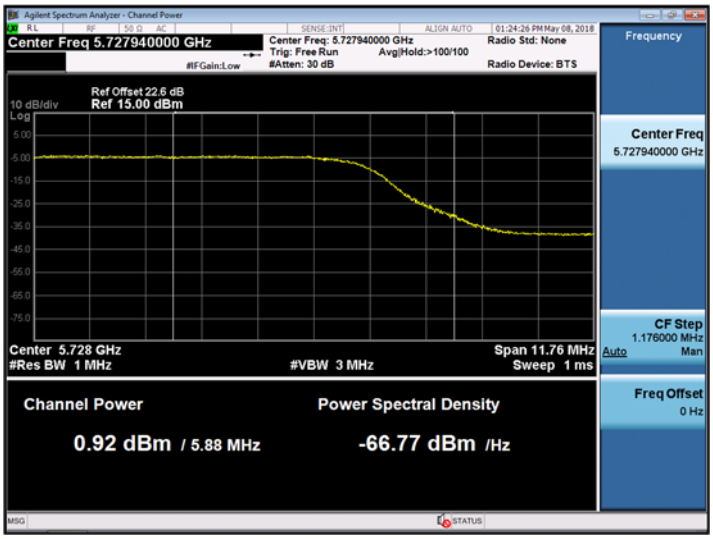
Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 3 Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	0.51	0.358	0.87	23.74
802.11n			0.72	0.418	1.14	23.84
802.11ac			0.92	0.502	1.42	23.87

▣Straddle channels TEST Plot for 802.11a/n_HT20_Ant 2

802.11a UNII 2C Band Average Power CH.144	802.11a UNII 3 Band Average Power CH.144
	
802.11n_HT20 UNII 2C Band Average Power CH.144	**802.11n_HT20 UNII 3 Band Average Power CH.144**
	

▣Straddle channels TEST Plot for 802.11ac_VHT20_Ant 2

802.11ac_VHT20 UNII 2C Band Average Power CH.144	802.11ac_VHT20 UNII 3 Band Average Power CH.144
	

▣Straddle channels TEST RESULTS_Ant 3

Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 2C Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	5.95	0.388	6.34	22.21
802.11n			5.72	0.418	6.14	22.12
802.11ac			5.85	0.578	6.43	22.13

Conducted Output Power Measurements (802.11a/n_HT20/ac_VHT20 Mode: UNII 3 Band 5720MHz)

Mode	Frequency [MHz]	Channel No.	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720	144	0.22	0.388	0.61	23.60
802.11n			0.41	0.418	0.83	23.84
802.11ac			0.52	0.578	1.10	23.84