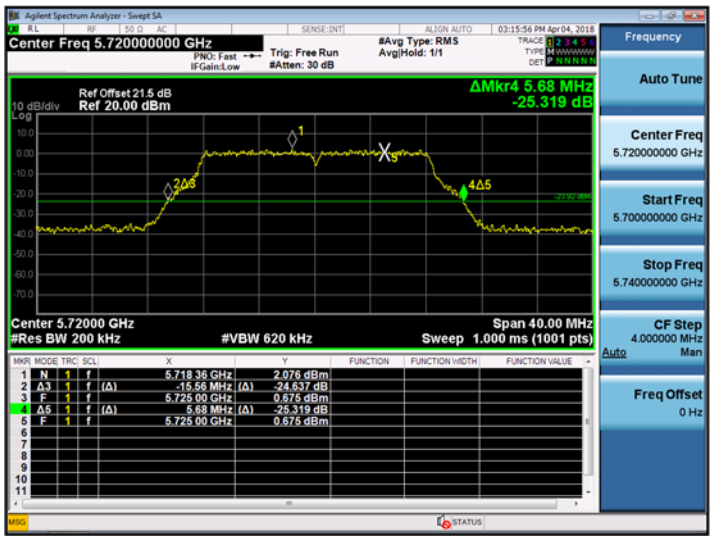
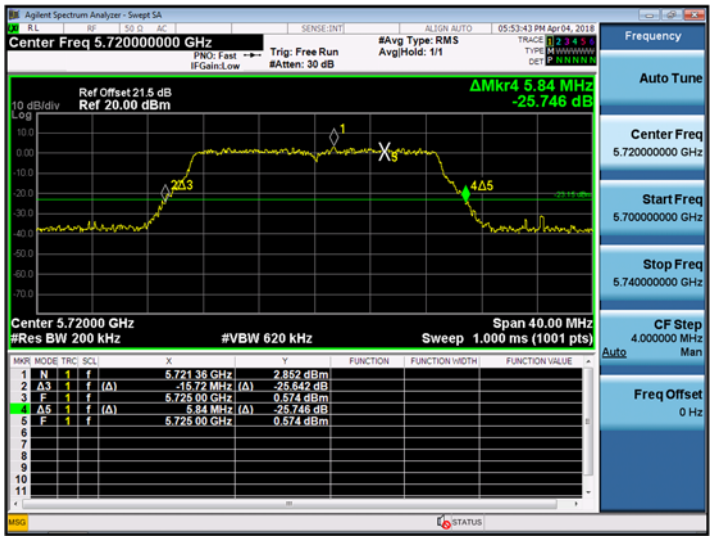
▣ Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 2

802.11a CH.144 Bandwidth	802.11n_HT20 CH.144 Bandwidth
	

802.11ac_VHT20 CH.144 Bandwidth


▣ Straddle channels TEST RESULTS_Ant 3

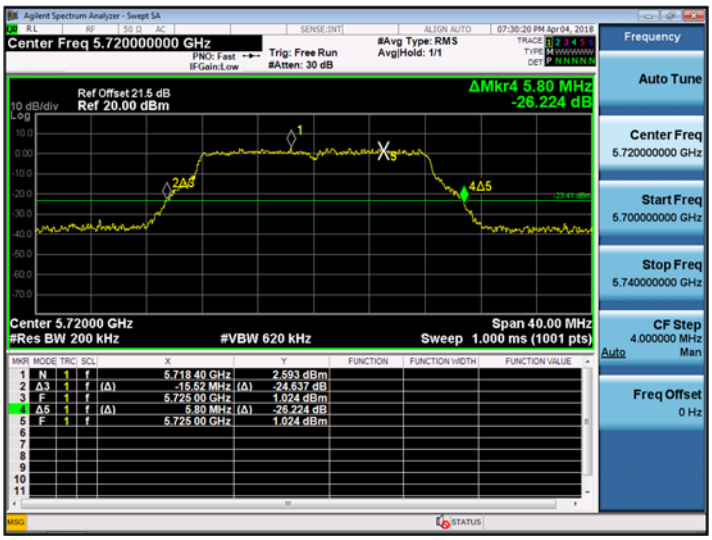
Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 2C Band)

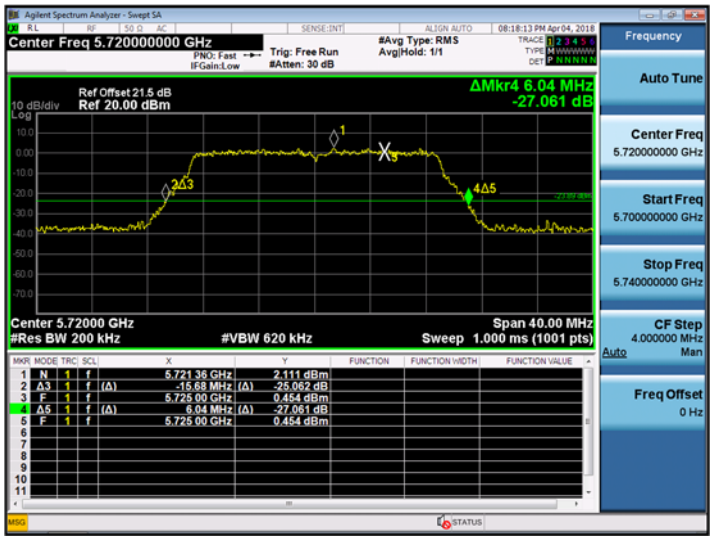
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720	144	15.52	N/A	Pass
802.11n			15.80	N/A	Pass
802.11ac			15.68	N/A	Pass

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720	144	5.80	N/A	Pass
802.11n			5.80	N/A	Pass
802.11ac			6.04	N/A	Pass

▣ Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 3

802.11a CH.144 Bandwidth	802.11n_HT20 CH.144 Bandwidth
	

802.11ac_VHT20 CH.144 Bandwidth


▣ Straddle channels TEST RESULTS_Ant 0

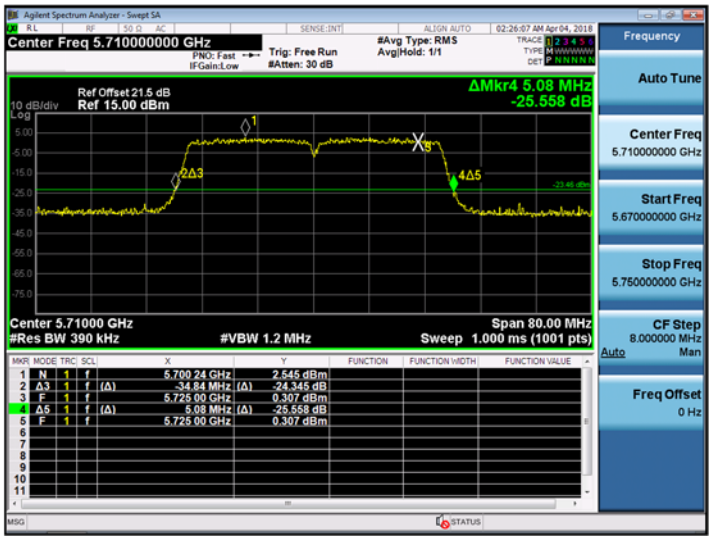
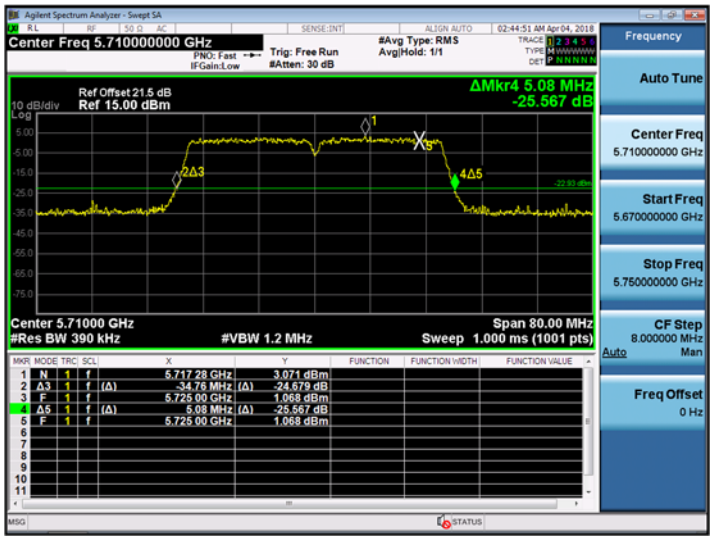
Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.84	N/A	Pass
802.11ac			34.76	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	5.08	N/A	Pass
802.11ac			5.08	N/A	Pass

▣ Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 0

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

▣ Straddle channels TEST RESULTS_Ant 1

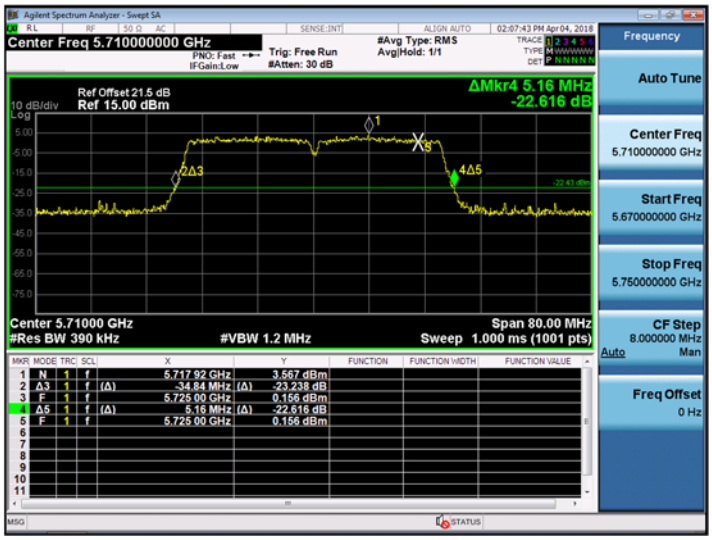
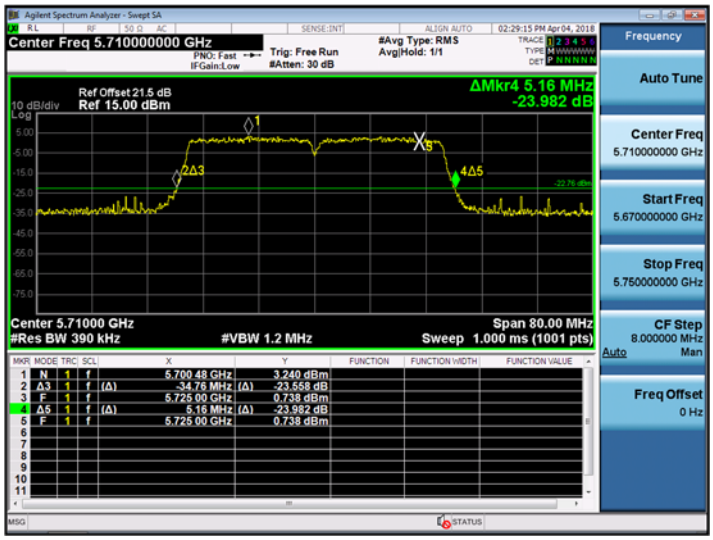
Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.84	N/A	Pass
802.11ac			34.76	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			5.16	N/A	Pass

▣ Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 1

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

▣ 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	34.68	N/A	Pass
802.11ac			34.92	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			5.16	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

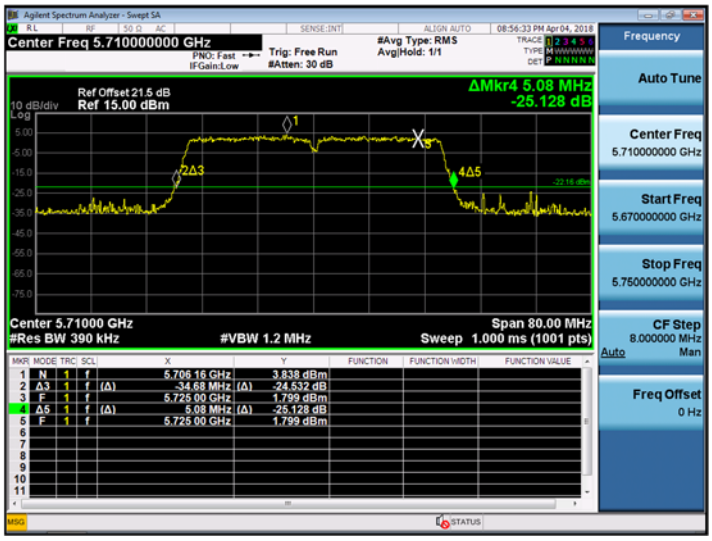
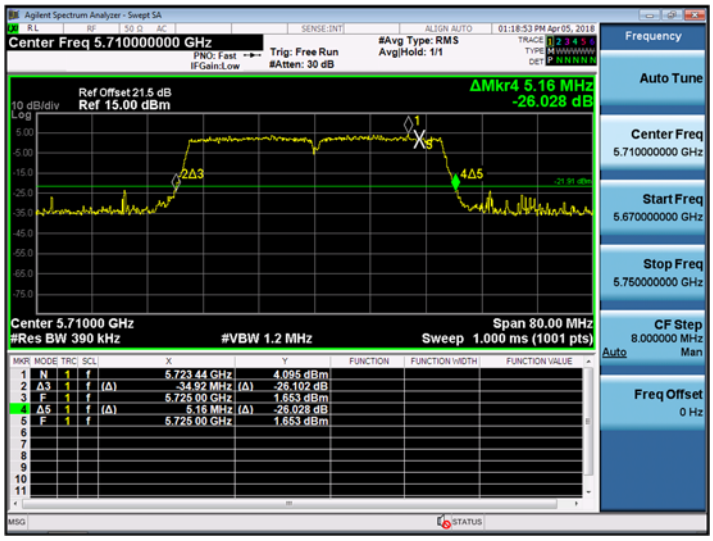
Conducted Bandwidth Measurements for 802.11n_HT40/ac_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.68	N/A	Pass
802.11ac			34.92	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	5.08	N/A	Pass
802.11ac			5.16	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)

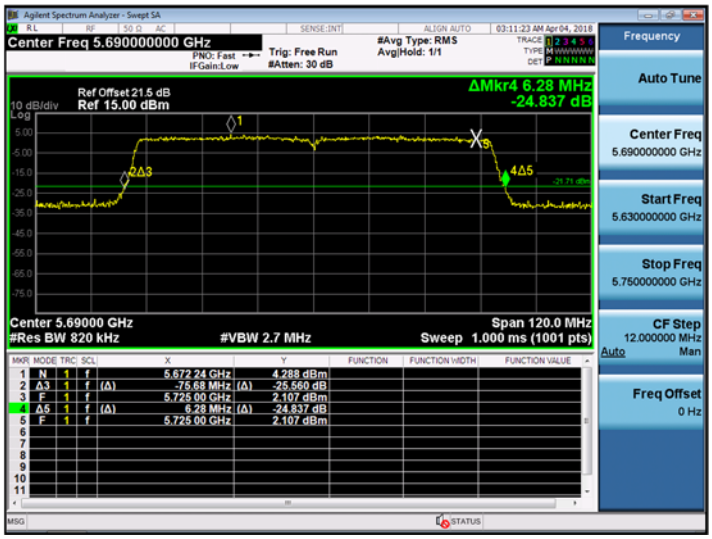
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.68	N/A	Pass

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 0

802.11ac_VHT80 CH.138 Bandwidth



▣ Straddle channels TEST RESULTS_Ant 1

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

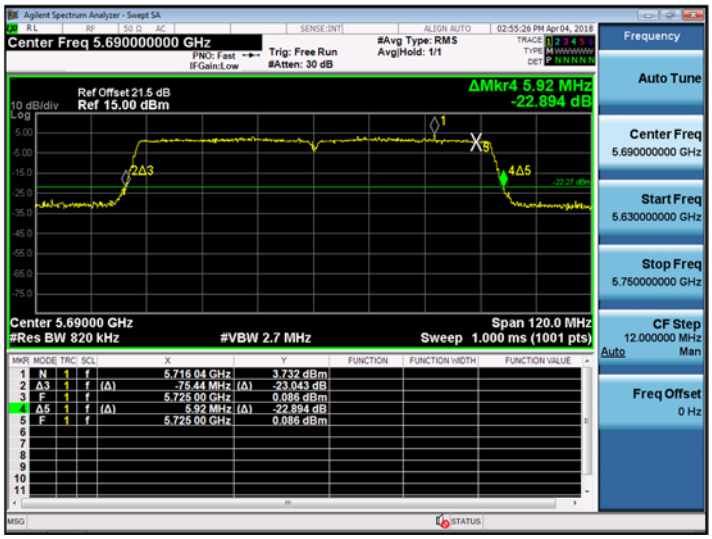
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.44	N/A	Pass

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	5.92	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)

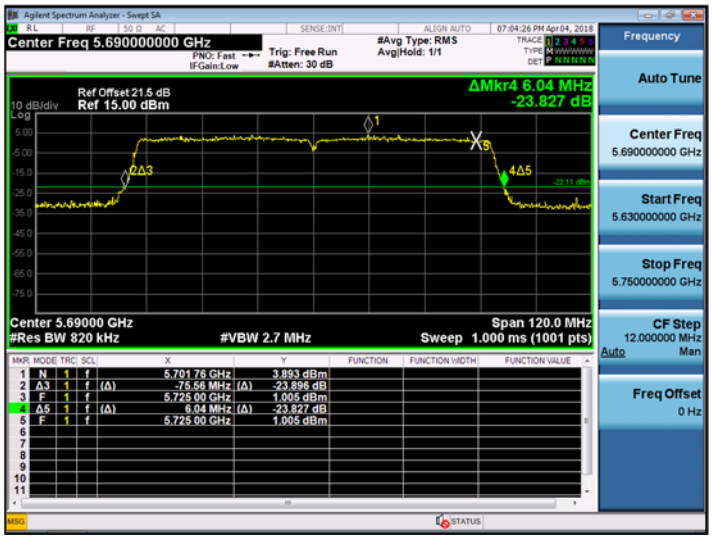
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	75.56	N/A	Pass

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 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	75.56	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 (Without Beamforming)

Operating Mode	Band	Mode	Operating Ant.	Directional Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	Ant 0	2.0	30.00
			Ant 1		30.00
			Ant 2		30.00
			Ant 3		30.00
	UNII 2A		Ant 0		23.98
			Ant 1		23.98
			Ant 2		23.98
			Ant 3		23.98
	UNII 2C		Ant 0		23.98
			Ant 1		23.98
			Ant 2		23.98
			Ant 3		23.98
	UNII 3		Ant 0		30.00
			Ant 1		30.00
			Ant 2		30.00
			Ant 3		30.00
MIMO	UNII 1	802.11a/n/ac	Ant 0 & 1 & 2 & 3		30.00
	UNII 2A				23.98
	UNII 2C				23.98
	UNII 3				30.00

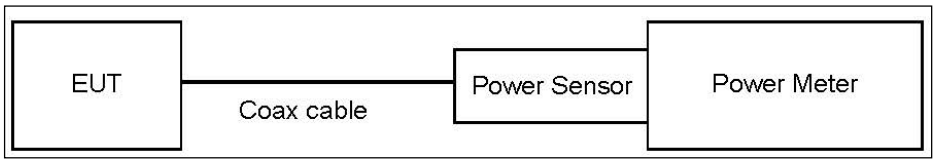
▣ **Limit (Include Beamforming)**

Operating Mode	Band	Mode	Operating Ant.	Directional Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	Ant 0	2.0	30.00
			Ant 1		30.00
			Ant 2		30.00
			Ant 3		30.00
	UNII 2A		Ant 0		23.98
			Ant 1		23.98
			Ant 2		23.98
			Ant 3		23.98
	UNII 2C		Ant 0		23.98
			Ant 1		23.98
			Ant 2		23.98
			Ant 3		23.98
	UNII 3		Ant 0		30.00
			Ant 1		30.00
			Ant 2		30.00
			Ant 3		30.00
MIMO	UNII 1	802.11ac	Ant 0 & 1 & 2 & 3	8.02	27.98
	UNII 2A				21.96
	UNII 2C				21.96
	UNII 3				27.98

Note :

1. According to KDB662911 D01 Multiple Transmitter Output v02r01;
   If all antennas have the same gain, G_{ANT}
   - Directional gain = G_{ANT} + Array Gain
   - Array Gain(PSD) = 10 log(N_{ANT}/N_{SS}) dB.
   - Array Gain(Power) = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$
2. 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.
3. Beamforming is only supported 802.11ac.

▣ 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)

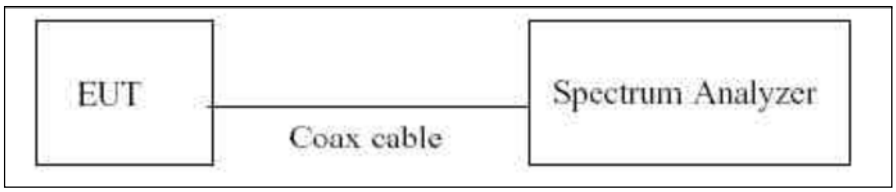
3. MIMO output power results are calculated by each antenna output power on MIMO operating mode.
So, in case of MIMO output power, we attached only MIMO output power except each antenna power result.

▣ 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	14.96	15.01	14.69	15.62	21.10
	802.11n	20	5260 – 5320	15.00	14.91	15.25	15.75	21.15
	802.11n	40	5270 – 5310	9.79	10.57	10.42	12.11	16.72
	802.11ac	20	5260 – 5320	9.27	8.82	9.58	10.17	15.49
	802.11ac	40	5270 – 5310	4.46	4.76	4.66	6.05	11.00
	802.11ac	80	5290	4.30	3.81	4.60	6.71	10.95
	802.11ac	160	5210 + 5290	3.39		5.16		9.39
UNII2C	802.11a	20	5500 – 5720	13.33	15.21	13.59	14.11	20.04
	802.11n	20	5500 – 5720	13.20	15.10	13.95	13.88	20.07
	802.11n	40	5510 – 5710	13.71	15.58	14.18	14.69	20.52
	802.11ac	20	5500 – 5720	7.03	9.10	7.98	8.03	14.09
	802.11ac	40	5510 – 5710	8.55	9.81	8.70	8.71	14.87
	802.11ac	80	5530 – 5690	7.15	8.51	8.06	8.43	14.07
	802.11ac	160	5530 + 5610	3.41		5.02		9.88

- This device only applied TPC to the 802.11ac

- Antenna Gain : 8.02dBi (only 802.11 ac)

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

UNII2A : 15.49 dBm + 8.02 dBi = 23.51 dBm

UNII2C : 14.87 dBm + 8.02 dBi = 22.89 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	0.222	16.82	17.04	30.00
		9	0.217	16.57	16.79	30.00
		12	0.211	16.69	16.90	30.00
		18	0.210	16.63	16.84	30.00
		24	0.215	16.48	16.69	30.00
		36	0.277	16.50	16.78	30.00
		48	0.361	16.46	16.82	30.00
		54	0.400	16.39	16.79	30.00
5200	40	6	0.222	16.61	16.83	30.00
		9	0.217	16.54	16.76	30.00
		12	0.211	16.58	16.79	30.00
		18	0.210	16.60	16.81	30.00
		24	0.215	16.38	16.59	30.00
		36	0.277	16.41	16.69	30.00
		48	0.361	16.41	16.77	30.00
		54	0.400	16.36	16.76	30.00
5240	48	6	0.222	16.82	17.04	30.00
		9	0.217	16.56	16.78	30.00
		12	0.211	16.73	16.94	30.00
		18	0.210	16.67	16.88	30.00
		24	0.215	16.73	16.94	30.00
		36	0.277	16.65	16.93	30.00
		48	0.361	16.63	16.99	30.00
		54	0.400	16.55	16.95	30.00

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	0.222	16.20	16.42	30.00
		9	0.217	15.99	16.21	30.00
		12	0.211	16.21	16.42	30.00
		18	0.210	16.18	16.39	30.00
		24	0.215	16.05	16.26	30.00
		36	0.277	16.04	16.32	30.00
		48	0.361	16.04	16.40	30.00
		54	0.400	15.94	16.34	30.00
5200	40	6	0.222	16.15	16.37	30.00
		9	0.217	15.75	15.96	30.00
		12	0.211	16.16	16.37	30.00
		18	0.210	15.97	16.18	30.00
		24	0.215	15.94	16.15	30.00
		36	0.277	15.90	16.18	30.00
		48	0.361	15.89	16.25	30.00
		54	0.400	15.84	16.24	30.00
5240	48	6	0.222	16.58	16.80	30.00
		9	0.217	16.39	16.61	30.00
		12	0.211	16.41	16.62	30.00
		18	0.210	16.52	16.73	30.00
		24	0.215	16.46	16.67	30.00
		36	0.277	16.33	16.61	30.00
		48	0.361	16.36	16.72	30.00
		54	0.400	16.30	16.70	30.00

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	0.222	15.97	16.19	30.00
		9	0.217	15.95	16.17	30.00
		12	0.211	15.90	16.11	30.00
		18	0.210	15.91	16.12	30.00
		24	0.215	15.78	15.99	30.00
		36	0.277	15.87	16.15	30.00
		48	0.361	15.81	16.17	30.00
		54	0.400	15.69	16.09	30.00
5200	40	6	0.222	15.94	16.16	30.00
		9	0.217	15.79	16.01	30.00
		12	0.211	15.87	16.08	30.00
		18	0.210	15.71	15.92	30.00
		24	0.215	15.66	15.88	30.00
		36	0.277	15.69	15.97	30.00
		48	0.361	15.72	16.08	30.00
		54	0.400	15.52	15.92	30.00
5240	48	6	0.222	16.40	16.62	30.00
		9	0.217	16.18	16.40	30.00
		12	0.211	16.31	16.52	30.00
		18	0.210	16.23	16.44	30.00
		24	0.215	16.18	16.39	30.00
		36	0.277	16.13	16.41	30.00
		48	0.361	16.19	16.55	30.00
		54	0.400	15.96	16.36	30.00

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	0.222	17.76	17.98	30.00
		9	0.217	17.64	17.86	30.00
		12	0.211	17.75	17.96	30.00
		18	0.210	17.71	17.92	30.00
		24	0.215	17.58	17.79	30.00
		36	0.277	17.57	17.85	30.00
		48	0.361	17.61	17.97	30.00
		54	0.400	17.51	17.91	30.00
5200	40	6	0.222	17.67	17.89	30.00
		9	0.217	17.47	17.69	30.00
		12	0.211	17.52	17.73	30.00
		18	0.210	17.67	17.88	30.00
		24	0.215	17.51	17.72	30.00
		36	0.277	17.33	17.61	30.00
		48	0.361	17.46	17.82	30.00
		54	0.400	17.26	17.66	30.00
5240	48	6	0.222	17.91	18.13	30.00
		9	0.217	17.85	18.07	30.00
		12	0.211	17.95	18.16	30.00
		18	0.210	17.80	18.01	30.00
		24	0.215	17.86	18.07	30.00
		36	0.277	17.79	18.07	30.00
		48	0.361	17.79	18.15	30.00
		54	0.400	17.69	18.09	30.00

▣ 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	22.96	30.00
		9	22.80	30.00
		12	22.90	30.00
		18	22.87	30.00
		24	22.74	30.00
		36	22.82	30.00
		48	22.89	30.00
		54	22.83	30.00
5200	40	6	22.86	30.00
		9	22.65	30.00
		12	22.79	30.00
		18	22.75	30.00
		24	22.64	30.00
		36	22.66	30.00
		48	22.78	30.00
		54	22.69	30.00
5240	48	6	23.19	30.00
		9	23.01	30.00
		12	23.11	30.00
		18	23.06	30.00
		24	23.07	30.00
		36	23.05	30.00
		48	23.15	30.00
		54	23.07	30.00

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	0.222	14.29	14.51	23.98
		9	0.217	14.21	14.43	23.98
		12	0.211	14.08	14.29	23.98
		18	0.210	14.04	14.25	23.98
		24	0.215	13.97	14.18	23.98
		36	0.277	13.99	14.27	23.98
		48	0.361	13.98	14.34	23.98
		54	0.400	14.08	14.48	23.98
5300	60	6	0.222	14.25	14.47	23.98
		9	0.217	14.19	14.40	23.98
		12	0.211	13.92	14.13	23.98
		18	0.210	13.96	14.17	23.98
		24	0.215	13.75	13.97	23.98
		36	0.277	13.94	14.21	23.98
		48	0.361	13.91	14.27	23.98
		54	0.400	14.05	14.45	23.98
5320	64	6	0.222	14.74	14.96	23.98
		9	0.217	14.65	14.87	23.98
		12	0.211	14.37	14.58	23.98
		18	0.210	14.37	14.58	23.98
		24	0.215	14.57	14.78	23.98
		36	0.277	14.37	14.65	23.98
		48	0.361	14.24	14.60	23.98
		54	0.400	14.04	14.44	23.98

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	0.222	13.89	14.11	23.98
		9	0.217	13.75	13.97	23.98
		12	0.211	13.81	14.02	23.98
		18	0.210	13.66	13.87	23.98
		24	0.215	13.62	13.83	23.98
		36	0.277	13.67	13.95	23.98
		48	0.361	13.66	14.02	23.98
		54	0.400	13.66	14.06	23.98
5300	60	6	0.222	13.75	13.98	23.98
		9	0.217	13.62	13.83	23.98
		12	0.211	13.73	13.94	23.98
		18	0.210	13.48	13.69	23.98
		24	0.215	13.57	13.79	23.98
		36	0.277	13.46	13.73	23.98
		48	0.361	13.48	13.84	23.98
		54	0.400	13.50	13.90	23.98
5320	64	6	0.222	14.79	15.01	23.98
		9	0.217	14.64	14.86	23.98
		12	0.211	14.44	14.65	23.98
		18	0.210	14.59	14.80	23.98
		24	0.215	14.79	15.00	23.98
		36	0.277	14.49	14.77	23.98
		48	0.361	14.40	14.76	23.98
		54	0.400	14.12	14.52	23.98

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	0.222	13.51	13.73	23.98
		9	0.217	13.46	13.68	23.98
		12	0.211	13.51	13.72	23.98
		18	0.210	13.34	13.55	23.98
		24	0.215	13.24	13.45	23.98
		36	0.277	13.36	13.64	23.98
		48	0.361	13.29	13.65	23.98
		54	0.400	13.21	13.61	23.98
5300	60	6	0.222	13.45	13.67	23.98
		9	0.217	13.37	13.59	23.98
		12	0.211	13.45	13.66	23.98
		18	0.210	13.13	13.35	23.98
		24	0.215	13.02	13.24	23.98
		36	0.277	13.26	13.54	23.98
		48	0.361	13.24	13.61	23.98
		54	0.400	13.01	13.41	23.98
5320	64	6	0.222	14.47	14.69	23.98
		9	0.217	14.29	14.51	23.98
		12	0.211	14.19	14.40	23.98
		18	0.210	14.19	14.40	23.98
		24	0.215	14.47	14.68	23.98
		36	0.277	14.14	14.42	23.98
		48	0.361	14.14	14.50	23.98
		54	0.400	13.86	14.26	23.98

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	0.222	15.21	15.43	23.98
		9	0.217	15.00	15.22	23.98
		12	0.211	15.06	15.27	23.98
		18	0.210	15.12	15.33	23.98
		24	0.215	14.91	15.12	23.98
		36	0.277	14.91	15.19	23.98
		48	0.361	15.02	15.38	23.98
		54	0.400	14.91	15.31	23.98
5300	60	6	0.222	15.09	15.31	23.98
		9	0.217	14.88	15.10	23.98
		12	0.211	14.88	15.09	23.98
		18	0.210	15.06	15.27	23.98
		24	0.215	14.85	15.06	23.98
		36	0.277	14.80	15.08	23.98
		48	0.361	14.78	15.14	23.98
		54	0.400	14.89	15.29	23.98
5320	64	6	0.222	15.40	15.62	23.98
		9	0.217	15.33	15.55	23.98
		12	0.211	15.27	15.48	23.98
		18	0.210	15.18	15.39	23.98
		24	0.215	15.32	15.53	23.98
		36	0.277	15.24	15.52	23.98
		48	0.361	15.13	15.49	23.98
		54	0.400	14.98	15.38	23.98

▣ 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	20.49	23.98
		9	20.36	23.98
		12	20.37	23.98
		18	20.30	23.98
		24	20.19	23.98
		36	20.30	23.98
		48	20.39	23.98
		54	20.41	23.98
5300	60	6	20.40	23.98
		9	20.27	23.98
		12	20.24	23.98
		18	20.17	23.98
		24	20.06	23.98
		36	20.18	23.98
		48	20.25	23.98
		54	20.31	23.98
5320	64	6	21.10	23.98
		9	20.97	23.98
		12	20.81	23.98
		18	20.82	23.98
		24	21.03	23.98
		36	20.87	23.98
		48	20.87	23.98
		54	20.68	23.98

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	0.222	13.11	13.33	23.98
		9	0.217	12.94	13.16	23.98
		12	0.211	13.09	13.30	23.98
		18	0.210	13.06	13.27	23.98
		24	0.215	12.93	13.14	23.98
		36	0.277	12.94	13.22	23.98
		48	0.361	12.83	13.19	23.98
		54	0.400	12.65	13.05	23.98
5600	120	6	0.222	12.84	13.06	23.98
		9	0.217	12.69	12.91	23.98
		12	0.211	12.62	12.83	23.98
		18	0.210	12.67	12.88	23.98
		24	0.215	12.63	12.84	23.98
		36	0.277	12.50	12.78	23.98
		48	0.361	12.43	12.79	23.98
		54	0.400	12.27	12.67	23.98
5720	144	6	0.222	12.35	12.57	23.98
		9	0.217	12.25	12.47	23.98
		12	0.211	12.32	12.53	23.98
		18	0.210	12.31	12.52	23.98
		24	0.215	12.27	12.48	23.98
		36	0.277	12.26	12.54	23.98
		48	0.361	12.16	12.52	23.98
		54	0.400	12.16	12.56	23.98

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	0.222	14.99	15.21	23.98
		9	0.217	14.37	14.59	23.98
		12	0.211	14.92	15.13	23.98
		18	0.210	14.89	15.10	23.98
		24	0.215	14.67	14.88	23.98
		36	0.277	14.51	14.79	23.98
		48	0.361	14.49	14.85	23.98
		54	0.400	14.37	14.77	23.98
5600	120	6	0.222	14.57	14.79	23.98
		9	0.217	14.56	14.78	23.98
		12	0.211	14.54	14.75	23.98
		18	0.210	14.53	14.74	23.98
		24	0.215	14.39	14.60	23.98
		36	0.277	14.39	14.67	23.98
		48	0.361	14.37	14.73	23.98
		54	0.400	14.29	14.69	23.98
5720	144	6	0.222	13.99	14.21	23.98
		9	0.217	13.95	14.17	23.98
		12	0.211	13.90	14.11	23.98
		18	0.210	13.93	14.14	23.98
		24	0.215	13.87	14.08	23.98
		36	0.277	13.91	14.19	23.98
		48	0.361	13.82	14.18	23.98
		54	0.400	13.76	14.16	23.98

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	0.222	13.06	13.28	23.98
		9	0.217	12.67	12.89	23.98
		12	0.211	12.93	13.14	23.98
		18	0.210	13.06	13.27	23.98
		24	0.215	12.83	13.04	23.98
		36	0.277	12.70	12.98	23.98
		48	0.361	12.62	12.98	23.98
		54	0.400	12.34	12.74	23.98
5600	120	6	0.222	13.37	13.59	23.98
		9	0.217	13.29	13.51	23.98
		12	0.211	13.35	13.56	23.98
		18	0.210	13.30	13.51	23.98
		24	0.215	13.09	13.30	23.98
		36	0.277	13.11	13.39	23.98
		48	0.361	13.11	13.47	23.98
		54	0.400	13.06	13.46	23.98
5720	144	6	0.222	12.92	13.14	23.98
		9	0.217	12.77	12.99	23.98
		12	0.211	12.79	13.00	23.98
		18	0.210	12.82	13.03	23.98
		24	0.215	12.74	12.95	23.98
		36	0.277	12.76	13.04	23.98
		48	0.361	12.71	13.07	23.98
		54	0.400	12.68	13.08	23.98

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	0.222	13.89	14.11	23.98
		9	0.217	13.61	13.83	23.98
		12	0.211	13.89	14.10	23.98
		18	0.210	13.87	14.08	23.98
		24	0.215	13.66	13.87	23.98
		36	0.277	13.64	13.92	23.98
		48	0.361	13.60	13.96	23.98
		54	0.400	13.48	13.88	23.98
5600	120	6	0.222	13.33	13.55	23.98
		9	0.217	13.31	13.53	23.98
		12	0.211	13.21	13.42	23.98
		18	0.210	13.22	13.43	23.98
		24	0.215	13.05	13.26	23.98
		36	0.277	13.05	13.33	23.98
		48	0.361	13.02	13.38	23.98
		54	0.400	12.96	13.36	23.98
5720	144	6	0.222	12.92	13.14	23.98
		9	0.217	12.79	13.01	23.98
		12	0.211	12.89	13.10	23.98
		18	0.210	12.92	13.13	23.98
		24	0.215	12.67	12.88	23.98
		36	0.277	12.81	13.09	23.98
		48	0.361	12.67	13.03	23.98
		54	0.400	12.56	12.96	23.98

▣ 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	20.04	23.98
		9	19.66	23.98
		12	19.98	23.98
		18	19.98	23.98
		24	19.79	23.98
		36	19.77	23.98
		48	19.80	23.98
		54	19.67	23.98
5600	120	6	19.79	23.98
		9	19.73	23.98
		12	19.69	23.98
		18	19.69	23.98
		24	19.55	23.98
		36	19.59	23.98
		48	19.64	23.98
		54	19.60	23.98
5720	144	6	19.31	23.98
		9	19.20	23.98
		12	19.23	23.98
		18	19.25	23.98
		24	19.14	23.98
		36	19.25	23.98
		48	19.24	23.98
		54	19.23	23.98

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	0.222	14.70	14.92	30.00
		9	0.217	14.51	14.73	30.00
		12	0.211	14.53	14.74	30.00
		18	0.210	14.70	14.91	30.00
		24	0.215	14.58	14.79	30.00
		36	0.277	14.46	14.74	30.00
		48	0.361	14.44	14.80	30.00
		54	0.400	14.32	14.72	30.00
5785	157	6	0.222	15.01	15.23	30.00
		9	0.217	14.87	15.09	30.00
		12	0.211	14.91	15.12	30.00
		18	0.210	14.95	15.16	30.00
		24	0.215	14.83	15.04	30.00
		36	0.277	14.77	15.05	30.00
		48	0.361	14.82	15.18	30.00
		54	0.400	14.68	15.08	30.00
5825	165	6	0.222	15.12	15.34	30.00
		9	0.217	15.09	15.30	30.00
		12	0.211	15.13	15.34	30.00
		18	0.210	15.11	15.32	30.00
		24	0.215	15.09	15.31	30.00
		36	0.277	14.93	15.21	30.00
		48	0.361	14.96	15.32	30.00
		54	0.400	14.79	15.19	30.00

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	0.222	14.36	14.58	30.00
		9	0.217	14.24	14.45	30.00
		12	0.211	14.27	14.48	30.00
		18	0.210	14.34	14.55	30.00
		24	0.215	14.29	14.50	30.00
		36	0.277	14.11	14.39	30.00
		48	0.361	14.05	14.42	30.00
		54	0.400	14.11	14.51	30.00
5785	157	6	0.222	14.68	14.90	30.00
		9	0.217	14.50	14.72	30.00
		12	0.211	14.56	14.78	30.00
		18	0.210	14.66	14.87	30.00
		24	0.215	14.48	14.69	30.00
		36	0.277	14.43	14.71	30.00
		48	0.361	14.43	14.79	30.00
		54	0.400	14.30	14.70	30.00
5825	165	6	0.222	14.86	15.08	30.00
		9	0.217	14.84	15.06	30.00
		12	0.211	14.78	14.99	30.00
		18	0.210	14.76	14.97	30.00
		24	0.215	14.72	14.94	30.00
		36	0.277	14.61	14.89	30.00
		48	0.361	14.66	15.02	30.00
		54	0.400	14.49	14.89	30.00

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	0.222	14.40	14.62	30.00
		9	0.217	14.12	14.34	30.00
		12	0.211	14.10	14.32	30.00
		18	0.210	14.29	14.50	30.00
		24	0.215	14.12	14.34	30.00
		36	0.277	14.10	14.38	30.00
		48	0.361	13.96	14.32	30.00
		54	0.400	13.83	14.23	30.00
5785	157	6	0.222	14.73	14.95	30.00
		9	0.217	14.42	14.64	30.00
		12	0.211	14.46	14.67	30.00
		18	0.210	14.58	14.79	30.00
		24	0.215	14.38	14.59	30.00
		36	0.277	14.27	14.55	30.00
		48	0.361	14.46	14.82	30.00
		54	0.400	14.33	14.73	30.00
5825	165	6	0.222	14.76	14.98	30.00
		9	0.217	14.66	14.88	30.00
		12	0.211	14.73	14.94	30.00
		18	0.210	14.63	14.84	30.00
		24	0.215	14.72	14.93	30.00
		36	0.277	14.52	14.80	30.00
		48	0.361	14.60	14.96	30.00
		54	0.400	14.38	14.78	30.00

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	0.222	14.68	14.91	30.00
		9	0.217	14.46	14.67	30.00
		12	0.211	14.60	14.81	30.00
		18	0.210	14.65	14.86	30.00
		24	0.215	14.55	14.76	30.00
		36	0.277	14.45	14.73	30.00
		48	0.361	14.49	14.85	30.00
		54	0.400	14.39	14.79	30.00
5785	157	6	0.222	14.99	15.22	30.00
		9	0.217	14.93	15.15	30.00
		12	0.211	14.98	15.19	30.00
		18	0.210	14.99	15.20	30.00
		24	0.215	14.86	15.07	30.00
		36	0.277	14.71	14.98	30.00
		48	0.361	14.75	15.11	30.00
		54	0.400	14.78	15.18	30.00
5825	165	6	0.222	15.22	15.44	30.00
		9	0.217	15.06	15.28	30.00
		12	0.211	15.06	15.27	30.00
		18	0.210	15.15	15.36	30.00
		24	0.215	15.01	15.23	30.00
		36	0.277	15.00	15.28	30.00
		48	0.361	15.04	15.40	30.00
		54	0.400	14.70	15.10	30.00

▣ 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	20.78	30.00
		9	20.57	30.00
		12	20.61	30.00
		18	20.73	30.00
		24	20.62	30.00
		36	20.58	30.00
		48	20.62	30.00
		54	20.59	30.00
5785	157	6	21.10	30.00
		9	20.92	30.00
		12	20.96	30.00
		18	21.03	30.00
		24	20.87	30.00
		36	20.85	30.00
		48	21.00	30.00
		54	20.94	30.00
5825	165	6	21.23	30.00
		9	21.15	30.00
		12	21.16	30.00
		18	21.15	30.00
		24	21.12	30.00
		36	21.07	30.00
		48	21.20	30.00
		54	21.01	30.00

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	0.218	16.36	16.58	30.00
		1	0.212	16.36	16.57	30.00
		2	0.217	16.32	16.54	30.00
		3	0.209	16.20	16.41	30.00
		4	0.298	16.20	16.50	30.00
		5	0.382	15.96	16.34	30.00
		6	0.401	16.01	16.41	30.00
		7	0.433	16.03	16.46	30.00
5200	40	0	0.218	16.21	16.42	30.00
		1	0.212	16.16	16.37	30.00
		2	0.217	16.20	16.41	30.00
		3	0.209	16.20	16.41	30.00
		4	0.298	16.04	16.34	30.00
		5	0.382	15.83	16.22	30.00
		6	0.401	15.85	16.25	30.00
		7	0.433	15.88	16.31	30.00
5240	48	0	0.218	16.66	16.88	30.00
		1	0.212	16.62	16.83	30.00
		2	0.217	16.65	16.87	30.00
		3	0.209	16.41	16.62	30.00
		4	0.298	16.32	16.62	30.00
		5	0.382	16.22	16.60	30.00
		6	0.401	16.19	16.59	30.00
		7	0.433	16.13	16.56	30.00

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	0.218	15.94	16.16	30.00
		1	0.212	15.94	16.15	30.00
		2	0.217	15.84	16.06	30.00
		3	0.209	15.69	15.90	30.00
		4	0.298	15.69	15.99	30.00
		5	0.382	15.68	16.06	30.00
		6	0.401	15.68	16.08	30.00
		7	0.433	15.58	16.01	30.00
5200	40	0	0.218	15.94	16.16	30.00
		1	0.212	15.94	16.15	30.00
		2	0.217	15.73	15.94	30.00
		3	0.209	15.61	15.82	30.00
		4	0.298	15.59	15.88	30.00
		5	0.382	15.52	15.91	30.00
		6	0.401	15.50	15.90	30.00
		7	0.433	15.36	15.79	30.00
5240	48	0	0.218	16.31	16.53	30.00
		1	0.212	16.31	16.52	30.00
		2	0.217	16.23	16.45	30.00
		3	0.209	16.09	16.30	30.00
		4	0.298	15.97	16.27	30.00
		5	0.382	15.83	16.21	30.00
		6	0.401	15.88	16.28	30.00
		7	0.433	15.80	16.23	30.00

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	0.218	16.79	17.01	30.00
		1	0.212	16.79	17.00	30.00
		2	0.217	16.70	16.92	30.00
		3	0.209	16.71	16.92	30.00
		4	0.298	16.62	16.92	30.00
		5	0.382	16.52	16.90	30.00
		6	0.401	16.53	16.93	30.00
		7	0.433	16.48	16.91	30.00
5200	40	0	0.218	16.68	16.90	30.00
		1	0.212	16.65	16.86	30.00
		2	0.217	16.63	16.85	30.00
		3	0.209	16.62	16.83	30.00
		4	0.298	16.42	16.72	30.00
		5	0.382	16.42	16.81	30.00
		6	0.401	16.35	16.75	30.00
		7	0.433	16.32	16.75	30.00
5240	48	0	0.218	17.15	17.37	30.00
		1	0.212	17.15	17.36	30.00
		2	0.217	17.04	17.26	30.00
		3	0.209	16.95	17.16	30.00
		4	0.298	16.79	17.09	30.00
		5	0.382	16.75	17.13	30.00
		6	0.401	16.68	17.08	30.00
		7	0.433	16.58	17.01	30.00

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	0.218	17.58	17.80	30.00
		1	0.212	17.58	17.79	30.00
		2	0.217	17.53	17.75	30.00
		3	0.209	17.33	17.54	30.00
		4	0.298	17.39	17.69	30.00
		5	0.382	17.28	17.66	30.00
		6	0.401	17.27	17.67	30.00
		7	0.433	17.19	17.62	30.00
5200	40	0	0.218	17.47	17.69	30.00
		1	0.212	17.47	17.68	30.00
		2	0.217	17.37	17.58	30.00
		3	0.209	17.30	17.51	30.00
		4	0.298	17.31	17.61	30.00
		5	0.382	17.07	17.45	30.00
		6	0.401	17.04	17.44	30.00
		7	0.433	17.10	17.54	30.00
5240	48	0	0.218	17.76	17.98	30.00
		1	0.212	17.76	17.97	30.00
		2	0.217	17.70	17.92	30.00
		3	0.209	17.64	17.85	30.00
		4	0.298	17.51	17.81	30.00
		5	0.382	17.47	17.85	30.00
		6	0.401	17.42	17.82	30.00
		7	0.433	17.34	17.77	30.00

▣ 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	22.93	30.00
		1	22.92	30.00
		2	22.86	30.00
		3	22.73	30.00
		4	22.82	30.00
		5	22.78	30.00
		6	22.82	30.00
		7	22.79	30.00
5200	40	0	22.83	30.00
		1	22.81	30.00
		2	22.74	30.00
		3	22.68	30.00
		4	22.68	30.00
		5	22.64	30.00
		6	22.63	30.00
		7	22.64	30.00
5240	48	0	23.23	30.00
		1	23.21	30.00
		2	23.16	30.00
		3	23.02	30.00
		4	22.99	30.00
		5	22.99	30.00
		6	22.98	30.00
		7	22.94	30.00

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	0.218	14.78	15.00	23.98
		1	0.212	14.78	14.99	23.98
		2	0.217	14.67	14.89	23.98
		3	0.209	14.65	14.86	23.98
		4	0.298	14.55	14.85	23.98
		5	0.382	14.53	14.91	23.98
		6	0.401	14.51	14.91	23.98
		7	0.433	14.47	14.90	23.98
5300	60	0	0.218	14.68	14.89	23.98
		1	0.212	14.67	14.88	23.98
		2	0.217	14.54	14.75	23.98
		3	0.209	14.60	14.81	23.98
		4	0.298	14.33	14.63	23.98
		5	0.382	14.35	14.74	23.98
		6	0.401	14.46	14.86	23.98
		7	0.433	14.35	14.79	23.98
5320	64	0	0.218	14.47	14.69	23.98
		1	0.212	14.47	14.68	23.98
		2	0.217	14.36	14.58	23.98
		3	0.209	14.34	14.55	23.98
		4	0.298	14.18	14.48	23.98
		5	0.382	14.17	14.55	23.98
		6	0.401	14.12	14.52	23.98
		7	0.433	14.12	14.55	23.98

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	0.218	14.21	14.43	23.98
		1	0.212	14.04	14.25	23.98
		2	0.217	14.17	14.39	23.98
		3	0.209	14.16	14.37	23.98
		4	0.298	13.91	14.21	23.98
		5	0.382	13.88	14.26	23.98
		6	0.401	13.87	14.27	23.98
		7	0.433	13.99	14.42	23.98
5300	60	0	0.218	14.16	14.38	23.98
		1	0.212	13.90	14.11	23.98
		2	0.217	13.97	14.19	23.98
		3	0.209	14.02	14.23	23.98
		4	0.298	13.91	14.21	23.98
		5	0.382	13.66	14.04	23.98
		6	0.401	13.81	14.21	23.98
		7	0.433	13.86	14.30	23.98
5320	64	0	0.218	14.69	14.91	23.98
		1	0.212	14.69	14.90	23.98
		2	0.217	14.53	14.75	23.98
		3	0.209	14.59	14.80	23.98
		4	0.298	14.41	14.71	23.98
		5	0.382	14.31	14.69	23.98
		6	0.401	14.26	14.66	23.98
		7	0.433	14.15	14.58	23.98

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	0.218	14.78	15.00	23.98
		1	0.212	14.69	14.90	23.98
		2	0.217	14.77	14.99	23.98
		3	0.209	14.69	14.90	23.98
		4	0.298	14.61	14.91	23.98
		5	0.382	14.60	14.98	23.98
		6	0.401	14.58	14.98	23.98
		7	0.433	14.52	14.95	23.98
5300	60	0	0.218	14.74	14.96	23.98
		1	0.212	14.44	14.65	23.98
		2	0.217	14.54	14.76	23.98
		3	0.209	14.44	14.65	23.98
		4	0.298	14.52	14.82	23.98
		5	0.382	14.43	14.81	23.98
		6	0.401	14.55	14.95	23.98
		7	0.433	14.35	14.78	23.98
5320	64	0	0.218	15.03	15.25	23.98
		1	0.212	15.03	15.24	23.98
		2	0.217	14.83	15.05	23.98
		3	0.209	14.67	14.88	23.98
		4	0.298	14.48	14.78	23.98
		5	0.382	14.56	14.94	23.98
		6	0.401	14.49	14.89	23.98
		7	0.433	14.41	14.84	23.98

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	0.218	15.53	15.75	23.98
		1	0.212	15.53	15.74	23.98
		2	0.217	15.47	15.69	23.98
		3	0.209	15.53	15.74	23.98
		4	0.298	15.32	15.62	23.98
		5	0.382	15.28	15.66	23.98
		6	0.401	15.28	15.68	23.98
		7	0.433	15.31	15.74	23.98
5300	60	0	0.218	15.50	15.72	23.98
		1	0.212	15.33	15.54	23.98
		2	0.217	15.26	15.48	23.98
		3	0.209	15.50	15.71	23.98
		4	0.298	15.13	15.43	23.98
		5	0.382	15.18	15.56	23.98
		6	0.401	15.12	15.52	23.98
		7	0.433	15.09	15.52	23.98
5320	64	0	0.218	15.41	15.63	23.98
		1	0.212	15.41	15.62	23.98
		2	0.217	15.29	15.51	23.98
		3	0.209	15.19	15.40	23.98
		4	0.298	15.16	15.46	23.98
		5	0.382	15.05	15.43	23.98
		6	0.401	15.02	15.42	23.98
		7	0.433	14.95	15.38	23.98

▣ 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	21.08	23.98
		1	21.01	23.98
		2	21.02	23.98
		3	21.00	23.98
		4	20.93	23.98
		5	20.99	23.98
		6	21.00	23.98
		7	21.04	23.98
5300	60	0	21.02	23.98
		1	20.83	23.98
		2	20.83	23.98
		3	20.89	23.98
		4	20.80	23.98
		5	20.83	23.98
		6	20.92	23.98
		7	20.88	23.98
5320	64	0	21.15	23.98
		1	21.14	23.98
		2	21.00	23.98
		3	20.93	23.98
		4	20.88	23.98
		5	20.93	23.98
		6	20.90	23.98
		7	20.87	23.98

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	0.218	12.98	13.20	23.98
		1	0.212	12.98	13.19	23.98
		2	0.217	12.82	13.04	23.98
		3	0.209	12.80	13.01	23.98
		4	0.298	12.60	12.90	23.98
		5	0.382	12.63	13.01	23.98
		6	0.401	12.63	13.03	23.98
		7	0.433	12.49	12.92	23.98
5600	120	0	0.218	12.57	12.79	23.98
		1	0.212	12.61	12.82	23.98
		2	0.217	12.29	12.51	23.98
		3	0.209	12.03	12.24	23.98
		4	0.298	11.92	12.22	23.98
		5	0.382	11.84	12.22	23.98
		6	0.401	11.79	12.19	23.98
		7	0.433	11.77	12.20	23.98
5720	144	0	0.218	12.62	12.84	23.98
		1	0.212	12.40	12.61	23.98
		2	0.217	12.51	12.73	23.98
		3	0.209	12.30	12.51	23.98
		4	0.298	12.41	12.71	23.98
		5	0.382	12.22	12.60	23.98
		6	0.401	12.43	12.83	23.98
		7	0.433	12.29	12.72	23.98

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	0.218	14.83	15.05	23.98
		1	0.212	14.83	15.04	23.98
		2	0.217	14.67	14.89	23.98
		3	0.209	14.67	14.88	23.98
		4	0.298	14.46	14.76	23.98
		5	0.382	14.30	14.68	23.98
		6	0.401	14.37	14.77	23.98
		7	0.433	14.29	14.72	23.98
5600	120	0	0.218	14.88	15.10	23.98
		1	0.212	14.59	14.80	23.98
		2	0.217	14.52	14.74	23.98
		3	0.209	14.55	14.76	23.98
		4	0.298	14.36	14.66	23.98
		5	0.382	14.26	14.64	23.98
		6	0.401	14.20	14.60	23.98
		7	0.433	14.11	14.54	23.98
5720	144	0	0.218	14.22	14.44	23.98
		1	0.212	13.75	13.96	23.98
		2	0.217	13.82	14.04	23.98
		3	0.209	13.68	13.89	23.98
		4	0.298	13.77	14.07	23.98
		5	0.382	13.57	13.95	23.98
		6	0.401	14.03	14.43	23.98
		7	0.433	13.72	14.15	23.98

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	0.218	13.73	13.95	23.98
		1	0.212	13.55	13.76	23.98
		2	0.217	13.54	13.76	23.98
		3	0.209	13.40	13.61	23.98
		4	0.298	13.26	13.56	23.98
		5	0.382	13.21	13.59	23.98
		6	0.401	13.41	13.81	23.98
		7	0.433	13.19	13.62	23.98
5600	120	0	0.218	13.62	13.84	23.98
		1	0.212	13.41	13.62	23.98
		2	0.217	13.33	13.55	23.98
		3	0.209	13.24	13.45	23.98
		4	0.298	13.08	13.38	23.98
		5	0.382	13.14	13.52	23.98
		6	0.401	12.97	13.37	23.98
		7	0.433	13.01	13.44	23.98
5720	144	0	0.218	13.02	13.24	23.98
		1	0.212	12.63	12.84	23.98
		2	0.217	12.63	12.85	23.98
		3	0.209	12.55	12.76	23.98
		4	0.298	12.59	12.89	23.98
		5	0.382	12.61	12.99	23.98
		6	0.401	12.83	13.23	23.98
		7	0.433	12.57	13.00	23.98

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	0.218	13.66	13.88	23.98
		1	0.212	13.62	13.83	23.98
		2	0.217	13.64	13.86	23.98
		3	0.209	13.53	13.74	23.98
		4	0.298	13.43	13.73	23.98
		5	0.382	13.28	13.66	23.98
		6	0.401	13.29	13.69	23.98
		7	0.433	13.18	13.61	23.98
5600	120	0	0.218	13.02	13.24	23.98
		1	0.212	12.99	13.20	23.98
		2	0.217	12.98	13.20	23.98
		3	0.209	12.90	13.11	23.98
		4	0.298	12.80	13.10	23.98
		5	0.382	12.68	13.06	23.98
		6	0.401	12.63	13.03	23.98
		7	0.433	12.67	13.10	23.98
5720	144	0	0.218	13.13	13.35	23.98
		1	0.212	12.72	12.93	23.98
		2	0.217	12.59	12.81	23.98
		3	0.209	12.66	12.87	23.98
		4	0.298	12.53	12.83	23.98
		5	0.382	12.50	12.88	23.98
		6	0.401	12.74	13.14	23.98
		7	0.433	12.91	13.34	23.98

▣ 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	20.07	23.98
		1	20.00	23.98
		2	19.93	23.98
		3	19.86	23.98
		4	19.78	23.98
		5	19.78	23.98
		6	19.87	23.98
		7	19.77	23.98
5600	120	0	19.81	23.98
		1	19.66	23.98
		2	19.56	23.98
		3	19.46	23.98
		4	19.40	23.98
		5	19.43	23.98
		6	19.36	23.98
		7	19.38	23.98
5720	144	0	19.51	23.98
		1	19.12	23.98
		2	19.14	23.98
		3	19.04	23.98
		4	19.16	23.98
		5	19.14	23.98
		6	19.45	23.98
		7	19.34	23.98

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	0.218	14.98	15.20	30.00
		1	0.212	14.90	15.11	30.00
		2	0.217	14.97	15.19	30.00
		3	0.209	14.88	15.08	30.00
		4	0.298	14.77	15.07	30.00
		5	0.382	14.70	15.08	30.00
		6	0.401	14.72	15.12	30.00
		7	0.433	14.66	15.09	30.00
5785	157	0	0.218	15.51	15.73	30.00
		1	0.212	15.24	15.45	30.00
		2	0.217	15.23	15.44	30.00
		3	0.209	15.20	15.41	30.00
		4	0.298	15.13	15.43	30.00
		5	0.382	15.34	15.72	30.00
		6	0.401	15.20	15.60	30.00
		7	0.433	15.19	15.63	30.00
5825	165	0	0.218	15.10	15.32	30.00
		1	0.212	15.10	15.31	30.00
		2	0.217	15.06	15.28	30.00
		3	0.209	15.01	15.22	30.00
		4	0.298	14.94	15.23	30.00
		5	0.382	14.90	15.28	30.00
		6	0.401	14.85	15.25	30.00
		7	0.433	14.84	15.27	30.00

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	0.218	14.94	15.16	30.00
		1	0.212	14.86	15.07	30.00
		2	0.217	14.93	15.15	30.00
		3	0.209	14.83	15.04	30.00
		4	0.298	14.74	15.04	30.00
		5	0.382	14.61	15.00	30.00
		6	0.401	14.71	15.11	30.00
		7	0.433	14.56	15.00	30.00
5785	157	0	0.218	15.44	15.65	30.00
		1	0.212	15.24	15.45	30.00
		2	0.217	15.16	15.38	30.00
		3	0.209	15.13	15.34	30.00
		4	0.298	15.08	15.38	30.00
		5	0.382	15.26	15.64	30.00
		6	0.401	15.14	15.54	30.00
		7	0.433	15.12	15.56	30.00
5825	165	0	0.218	15.06	15.28	30.00
		1	0.212	15.01	15.22	30.00
		2	0.217	15.00	15.21	30.00
		3	0.209	14.94	15.14	30.00
		4	0.298	14.89	15.19	30.00
		5	0.382	14.89	15.27	30.00
		6	0.401	14.83	15.23	30.00
		7	0.433	14.79	15.22	30.00

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	0.218	14.60	14.82	30.00
		1	0.212	14.56	14.77	30.00
		2	0.217	14.58	14.80	30.00
		3	0.209	14.60	14.80	30.00
		4	0.298	14.43	14.72	30.00
		5	0.382	14.31	14.69	30.00
		6	0.401	14.35	14.75	30.00
		7	0.433	14.37	14.81	30.00
5785	157	0	0.218	15.21	15.42	30.00
		1	0.212	15.03	15.25	30.00
		2	0.217	14.83	15.05	30.00
		3	0.209	14.85	15.06	30.00
		4	0.298	14.86	15.16	30.00
		5	0.382	14.99	15.37	30.00
		6	0.401	14.93	15.33	30.00
		7	0.433	14.98	15.41	30.00
5825	165	0	0.218	14.84	15.06	30.00
		1	0.212	14.77	14.98	30.00
		2	0.217	14.76	14.98	30.00
		3	0.209	14.67	14.88	30.00
		4	0.298	14.58	14.88	30.00
		5	0.382	14.59	14.97	30.00
		6	0.401	14.61	15.01	30.00
		7	0.433	14.61	15.05	30.00

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	0.218	14.98	15.20	30.00
		1	0.212	14.98	15.19	30.00
		2	0.217	14.91	15.13	30.00
		3	0.209	14.81	15.02	30.00
		4	0.298	14.80	15.10	30.00
		5	0.382	14.64	15.03	30.00
		6	0.401	14.75	15.15	30.00
		7	0.433	14.72	15.15	30.00
5785	157	0	0.218	15.50	15.72	30.00
		1	0.212	15.32	15.53	30.00
		2	0.217	15.17	15.39	30.00
		3	0.209	15.12	15.33	30.00
		4	0.298	15.06	15.35	30.00
		5	0.382	15.33	15.71	30.00
		6	0.401	15.20	15.60	30.00
		7	0.433	15.26	15.69	30.00
5825	165	0	0.218	15.19	15.41	30.00
		1	0.212	15.19	15.40	30.00
		2	0.217	14.98	15.20	30.00
		3	0.209	15.00	15.21	30.00
		4	0.298	15.01	15.30	30.00
		5	0.382	15.00	15.38	30.00
		6	0.401	14.75	15.15	30.00
		7	0.433	14.84	15.27	30.00

▣ 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	21.12	30.00
		1	21.06	30.00
		2	21.09	30.00
		3	21.01	30.00
		4	21.01	30.00
		5	20.97	30.00
		6	21.06	30.00
		7	21.03	30.00
5785	157	0	21.65	30.00
		1	21.44	30.00
		2	21.34	30.00
		3	21.30	30.00
		4	21.35	30.00
		5	21.63	30.00
		6	21.54	30.00
		7	21.59	30.00
5825	165	0	21.29	30.00
		1	21.25	30.00
		2	21.19	30.00
		3	21.14	30.00
		4	21.17	30.00
		5	21.25	30.00
		6	21.18	30.00
		7	21.23	30.00

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	0.065	16.57	16.63	30.00
		1	0.126	16.06	16.19	30.00
		2	0.183	16.01	16.19	30.00
		3	0.239	15.92	16.16	30.00
		4	0.340	16.28	16.62	30.00
		5	0.432	15.98	16.41	30.00
		6	0.473	15.99	16.46	30.00
		7	0.509	15.75	16.26	30.00
		8	0.588	15.74	16.33	30.00
5200	40	0	0.065	16.37	16.44	30.00
		1	0.126	15.98	16.11	30.00
		2	0.183	15.98	16.16	30.00
		3	0.239	15.88	16.12	30.00
		4	0.340	16.05	16.39	30.00
		5	0.432	15.94	16.37	30.00
		6	0.473	15.95	16.43	30.00
		7	0.509	15.57	16.08	30.00
		8	0.588	15.70	16.28	30.00
5240	48	0	0.065	16.32	16.38	30.00
		1	0.126	16.18	16.31	30.00
		2	0.183	16.18	16.36	30.00
		3	0.239	15.99	16.23	30.00
		4	0.340	16.03	16.37	30.00
		5	0.432	15.82	16.25	30.00
		6	0.473	15.86	16.33	30.00
		7	0.509	15.75	16.26	30.00
		8	0.588	15.76	16.35	30.00

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	0.065	16.00	16.06	30.00
		1	0.126	15.58	15.71	30.00
		2	0.183	15.49	15.67	30.00
		3	0.239	15.23	15.47	30.00
		4	0.340	15.71	16.05	30.00
		5	0.432	15.48	15.91	30.00
		6	0.473	15.34	15.81	30.00
		7	0.509	15.22	15.73	30.00
		8	0.588	15.09	15.68	30.00
5200	40	0	0.065	15.92	15.98	30.00
		1	0.126	15.39	15.51	30.00
		2	0.183	15.45	15.64	30.00
		3	0.239	15.01	15.25	30.00
		4	0.340	15.63	15.97	30.00
		5	0.432	15.25	15.68	30.00
		6	0.473	15.19	15.66	30.00
		7	0.509	15.20	15.71	30.00
		8	0.588	14.93	15.52	30.00
5240	48	0	0.065	15.99	16.05	30.00
		1	0.126	15.82	15.95	30.00
		2	0.183	15.86	16.04	30.00
		3	0.239	15.66	15.90	30.00
		4	0.340	15.53	15.87	30.00
		5	0.432	15.46	15.89	30.00
		6	0.473	15.53	16.00	30.00
		7	0.509	15.44	15.95	30.00
		8	0.588	15.33	15.92	30.00

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	0.065	16.98	17.04	30.00
		1	0.126	16.36	16.49	30.00
		2	0.183	16.21	16.39	30.00
		3	0.239	16.13	16.37	30.00
		4	0.340	16.69	17.03	30.00
		5	0.432	16.41	16.84	30.00
		6	0.473	16.44	16.91	30.00
		7	0.509	16.36	16.87	30.00
		8	0.588	15.94	16.53	30.00
5200	40	0	0.065	16.90	16.96	30.00
		1	0.126	16.31	16.44	30.00
		2	0.183	16.20	16.39	30.00
		3	0.239	15.98	16.22	30.00
		4	0.340	16.61	16.95	30.00
		5	0.432	16.40	16.83	30.00
		6	0.473	16.31	16.79	30.00
		7	0.509	16.31	16.81	30.00
		8	0.588	15.78	16.36	30.00
5240	48	0	0.065	16.64	16.71	30.00
		1	0.126	16.49	16.62	30.00
		2	0.183	16.51	16.69	30.00
		3	0.239	16.32	16.56	30.00
		4	0.340	16.34	16.68	30.00
		5	0.432	16.18	16.61	30.00
		6	0.473	16.16	16.63	30.00
		7	0.509	16.09	16.60	30.00
		8	0.588	16.11	16.70	30.00

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	0.065	17.66	17.72	30.00
		1	0.126	17.44	17.57	30.00
		2	0.183	17.16	17.34	30.00
		3	0.239	17.12	17.36	30.00
		4	0.340	17.36	17.70	30.00
		5	0.432	17.28	17.71	30.00
		6	0.473	16.98	17.45	30.00
		7	0.509	17.19	17.70	30.00
		8	0.588	16.86	17.45	30.00
5200	40	0	0.065	17.63	17.70	30.00
		1	0.126	17.28	17.40	30.00
		2	0.183	17.00	17.19	30.00
		3	0.239	17.08	17.32	30.00
		4	0.340	17.12	17.46	30.00
		5	0.432	17.19	17.63	30.00
		6	0.473	16.79	17.26	30.00
		7	0.509	17.18	17.69	30.00
		8	0.588	16.68	17.27	30.00
5240	48	0	0.065	17.65	17.72	30.00
		1	0.126	17.58	17.71	30.00
		2	0.183	17.29	17.47	30.00
		3	0.239	17.45	17.69	30.00
		4	0.340	17.25	17.59	30.00
		5	0.432	17.27	17.70	30.00
		6	0.473	17.13	17.60	30.00
		7	0.509	17.18	17.69	30.00
		8	0.588	17.04	17.63	30.00

▣ 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	22.90	27.98
		1	22.53	27.98
		2	22.44	27.98
		3	22.39	27.98
		4	22.89	27.98
		5	22.77	27.98
		6	22.70	27.98
		7	22.69	27.98
		8	22.54	27.98
5200	40	0	22.81	27.98
		1	22.41	27.98
		2	22.38	27.98
		3	22.28	27.98
		4	22.73	27.98
		5	22.68	27.98
		6	22.57	27.98
		7	22.63	27.98
		8	22.40	27.98
5240	48	0	22.76	27.98
		1	22.69	27.98
		2	22.68	27.98
		3	22.64	27.98
		4	22.67	27.98
		5	22.66	27.98
		6	22.68	27.98
		7	22.67	27.98
		8	22.69	27.98

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	0.065	15.21	15.27	23.98
		1	0.126	14.82	14.95	23.98
		2	0.183	14.84	15.02	23.98
		3	0.239	14.44	14.68	23.98
		4	0.340	14.46	14.80	23.98
		5	0.432	14.28	14.71	23.98
		6	0.473	14.37	14.84	23.98
		7	0.509	14.14	14.65	23.98
		8	0.588	14.21	14.80	23.98
5300	60	0	0.065	15.17	15.24	23.98
		1	0.126	14.74	14.87	23.98
		2	0.183	14.80	14.98	23.98
		3	0.239	14.28	14.52	23.98
		4	0.340	14.32	14.66	23.98
		5	0.432	14.22	14.65	23.98
		6	0.473	14.31	14.78	23.98
		7	0.509	14.10	14.61	23.98
		8	0.588	14.03	14.62	23.98
5320	64	0	0.065	14.63	14.69	23.98
		1	0.126	14.42	14.55	23.98
		2	0.183	14.33	14.51	23.98
		3	0.239	13.99	14.23	23.98
		4	0.340	14.08	14.42	23.98
		5	0.432	13.88	14.31	23.98
		6	0.473	13.99	14.46	23.98
		7	0.509	13.91	14.42	23.98
		8	0.588	13.93	14.52	23.98

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	0.065	14.74	14.80	23.98
		1	0.126	14.47	14.60	23.98
		2	0.183	14.35	14.53	23.98
		3	0.239	14.00	14.24	23.98
		4	0.340	13.98	14.32	23.98
		5	0.432	13.97	14.40	23.98
		6	0.473	13.92	14.39	23.98
		7	0.509	13.82	14.33	23.98
		8	0.588	13.86	14.45	23.98
5300	60	0	0.065	14.55	14.61	23.98
		1	0.126	14.44	14.57	23.98
		2	0.183	14.17	14.35	23.98
		3	0.239	13.91	14.15	23.98
		4	0.340	13.80	14.14	23.98
		5	0.432	13.97	14.40	23.98
		6	0.473	13.85	14.33	23.98
		7	0.509	13.79	14.30	23.98
		8	0.588	13.79	14.38	23.98
5320	64	0	0.065	14.76	14.82	23.98
		1	0.126	14.59	14.72	23.98
		2	0.183	14.63	14.81	23.98
		3	0.239	14.40	14.64	23.98
		4	0.340	14.30	14.64	23.98
		5	0.432	14.25	14.68	23.98
		6	0.473	14.20	14.67	23.98
		7	0.509	14.12	14.63	23.98
		8	0.588	14.14	14.73	23.98

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	0.065	15.52	15.58	23.98
		1	0.126	15.17	15.30	23.98
		2	0.183	14.83	15.01	23.98
		3	0.239	14.85	15.09	23.98
		4	0.340	14.54	14.88	23.98
		5	0.432	14.50	14.93	23.98
		6	0.473	14.52	14.99	23.98
		7	0.509	14.52	15.03	23.98
		8	0.588	14.39	14.98	23.98
5300	60	0	0.065	15.51	15.57	23.98
		1	0.126	15.12	15.25	23.98
		2	0.183	14.74	14.92	23.98
		3	0.239	14.63	14.87	23.98
		4	0.340	14.41	14.75	23.98
		5	0.432	14.41	14.85	23.98
		6	0.473	14.51	14.98	23.98
		7	0.509	14.39	14.90	23.98
		8	0.588	14.37	14.96	23.98
5320	64	0	0.065	14.95	15.02	23.98
		1	0.126	14.79	14.92	23.98
		2	0.183	14.76	14.94	23.98
		3	0.239	14.60	14.84	23.98
		4	0.340	14.45	14.79	23.98
		5	0.432	14.47	14.90	23.98
		6	0.473	14.36	14.83	23.98
		7	0.509	14.50	15.01	23.98
		8	0.588	14.28	14.87	23.98

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	0.065	16.11	16.17	23.98
		1	0.126	16.00	16.13	23.98
		2	0.183	15.64	15.82	23.98
		3	0.239	15.64	15.88	23.98
		4	0.340	15.32	15.66	23.98
		5	0.432	15.29	15.72	23.98
		6	0.473	15.28	15.75	23.98
		7	0.509	15.31	15.82	23.98
		8	0.588	15.06	15.65	23.98
5300	60	0	0.065	16.10	16.16	23.98
		1	0.126	15.77	15.90	23.98
		2	0.183	15.56	15.75	23.98
		3	0.239	15.50	15.74	23.98
		4	0.340	15.28	15.62	23.98
		5	0.432	15.09	15.52	23.98
		6	0.473	15.16	15.63	23.98
		7	0.509	15.14	15.65	23.98
		8	0.588	15.03	15.62	23.98
5320	64	0	0.065	15.48	15.55	23.98
		1	0.126	15.40	15.53	23.98
		2	0.183	15.34	15.52	23.98
		3	0.239	15.24	15.48	23.98
		4	0.340	14.95	15.29	23.98
		5	0.432	15.09	15.52	23.98
		6	0.473	14.88	15.35	23.98
		7	0.509	15.03	15.54	23.98
		8	0.588	14.83	15.42	23.98

▣ 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	21.49	21.96
		1	21.28	21.96
		2	21.13	21.96
		3	21.01	21.96
		4	20.95	21.96
		5	20.98	21.96
		6	21.03	21.96
		7	21.00	21.96
		8	21.00	21.96
5300	60	0	21.43	21.96
		1	21.18	21.96
		2	21.04	21.96
		3	20.86	21.96
		4	20.83	21.96
		5	20.88	21.96
		6	20.96	21.96
		7	20.90	21.96
		8	20.93	21.96
5320	64	0	21.05	21.96
		1	20.95	21.96
		2	20.98	21.96
		3	20.83	21.96
		4	20.81	21.96
		5	20.89	21.96
		6	20.86	21.96
		7	20.93	21.96
		8	20.91	21.96

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	0.065	12.97	13.03	23.98
		1	0.126	12.79	12.92	23.98
		2	0.183	12.81	12.99	23.98
		3	0.239	12.49	12.73	23.98
		4	0.340	12.54	12.88	23.98
		5	0.432	12.27	12.70	23.98
		6	0.473	12.36	12.83	23.98
		7	0.509	12.15	12.66	23.98
		8	0.588	12.00	12.59	23.98
5600	120	0	0.065	12.92	12.98	23.98
		1	0.126	12.60	12.73	23.98
		2	0.183	12.79	12.97	23.98
		3	0.239	12.46	12.70	23.98
		4	0.340	12.41	12.75	23.98
		5	0.432	12.51	12.94	23.98
		6	0.473	12.50	12.97	23.98
		7	0.509	12.30	12.81	23.98
		8	0.588	12.27	12.86	23.98
5720	144	0	0.065	12.85	12.91	23.98
		1	0.126	12.61	12.74	23.98
		2	0.183	12.72	12.90	23.98
		3	0.239	12.50	12.74	23.98
		4	0.340	12.49	12.83	23.98
		5	0.432	12.17	12.60	23.98
		6	0.473	12.24	12.71	23.98
		7	0.509	12.15	12.66	23.98
		8	0.588	12.28	12.87	23.98

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	0.065	15.04	15.10	23.98
		1	0.126	14.65	14.78	23.98
		2	0.183	14.71	14.89	23.98
		3	0.239	14.62	14.86	23.98
		4	0.340	14.52	14.86	23.98
		5	0.432	14.34	14.77	23.98
		6	0.473	14.26	14.73	23.98
		7	0.509	14.25	14.76	23.98
		8	0.588	13.92	14.51	23.98
5600	120	0	0.065	14.84	14.90	23.98
		1	0.126	14.62	14.75	23.98
		2	0.183	14.46	14.64	23.98
		3	0.239	14.52	14.76	23.98
		4	0.340	14.45	14.79	23.98
		5	0.432	14.21	14.64	23.98
		6	0.473	14.25	14.72	23.98
		7	0.509	14.07	14.58	23.98
		8	0.588	14.01	14.60	23.98
5720	144	0	0.065	13.99	14.05	23.98
		1	0.126	13.78	13.91	23.98
		2	0.183	13.70	13.88	23.98
		3	0.239	13.65	13.89	23.98
		4	0.340	13.46	13.80	23.98
		5	0.432	13.46	13.89	23.98
		6	0.473	13.42	13.89	23.98
		7	0.509	13.39	13.90	23.98
		8	0.588	13.40	13.99	23.98

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	0.065	13.92	13.98	23.98
		1	0.126	13.61	13.74	23.98
		2	0.183	13.42	13.60	23.98
		3	0.239	13.47	13.71	23.98
		4	0.340	13.22	13.56	23.98
		5	0.432	13.23	13.66	23.98
		6	0.473	13.06	13.53	23.98
		7	0.509	13.14	13.65	23.98
		8	0.588	12.78	13.37	23.98
5600	120	0	0.065	13.85	13.91	23.98
		1	0.126	13.60	13.73	23.98
		2	0.183	13.41	13.59	23.98
		3	0.239	13.12	13.36	23.98
		4	0.340	12.96	13.30	23.98
		5	0.432	12.90	13.33	23.98
		6	0.473	12.88	13.35	23.98
		7	0.509	12.92	13.43	23.98
		8	0.588	12.81	13.40	23.98
5720	144	0	0.065	12.81	12.88	23.98
		1	0.126	12.62	12.75	23.98
		2	0.183	12.50	12.68	23.98
		3	0.239	12.47	12.71	23.98
		4	0.340	12.34	12.68	23.98
		5	0.432	12.38	12.81	23.98
		6	0.473	12.27	12.74	23.98
		7	0.509	12.36	12.87	23.98
		8	0.588	12.16	12.75	23.98

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	0.065	13.97	14.03	23.98
		1	0.126	13.87	14.00	23.98
		2	0.183	13.69	13.87	23.98
		3	0.239	13.69	13.93	23.98
		4	0.340	13.54	13.88	23.98
		5	0.432	13.54	13.97	23.98
		6	0.473	13.40	13.87	23.98
		7	0.509	13.43	13.94	23.98
		8	0.588	13.05	13.64	23.98
5600	120	0	0.065	13.31	13.38	23.98
		1	0.126	13.24	13.37	23.98
		2	0.183	12.91	13.09	23.98
		3	0.239	12.92	13.16	23.98
		4	0.340	12.63	12.97	23.98
		5	0.432	12.73	13.16	23.98
		6	0.473	12.57	13.04	23.98
		7	0.509	12.54	13.05	23.98
		8	0.588	12.35	12.94	23.98
5720	144	0	0.065	12.80	12.86	23.98
		1	0.126	12.60	12.73	23.98
		2	0.183	12.48	12.66	23.98
		3	0.239	12.50	12.74	23.98
		4	0.340	12.36	12.70	23.98
		5	0.432	12.34	12.77	23.98
		6	0.473	12.28	12.75	23.98
		7	0.509	12.34	12.85	23.98
		8	0.588	12.17	12.76	23.98

▣ 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	20.09	21.96
		1	19.90	21.96
		2	19.89	21.96
		3	19.86	21.96
		4	19.85	21.96
		5	19.83	21.96
		6	19.79	21.96
		7	19.80	21.96
		8	19.57	21.96
5600	120	0	19.85	21.96
		1	19.69	21.96
		2	19.62	21.96
		3	19.55	21.96
		4	19.51	21.96
		5	19.57	21.96
		6	19.57	21.96
		7	19.51	21.96
		8	19.50	21.96
5720	144	0	19.21	21.96
		1	19.06	21.96
		2	19.07	21.96
		3	19.05	21.96
		4	19.04	21.96
		5	19.06	21.96
		6	19.06	21.96
		7	19.10	21.96
		8	19.13	21.96

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	0.065	14.94	15.00	30.00
		1	0.126	14.84	14.96	30.00
		2	0.183	14.76	14.94	30.00
		3	0.239	14.67	14.91	30.00
		4	0.340	14.50	14.84	30.00
		5	0.432	14.56	14.99	30.00
		6	0.473	14.40	14.88	30.00
		7	0.509	14.39	14.90	30.00
		8	0.588	14.28	14.87	30.00
5785	157	0	0.065	15.13	15.19	30.00
		1	0.126	14.98	15.10	30.00
		2	0.183	14.90	15.08	30.00
		3	0.239	14.80	15.04	30.00
		4	0.340	14.73	15.07	30.00
		5	0.432	14.75	15.18	30.00
		6	0.473	14.60	15.08	30.00
		7	0.509	14.58	15.09	30.00
		8	0.588	14.55	15.14	30.00
5825	165	0	0.065	15.00	15.06	30.00
		1	0.126	14.87	15.00	30.00
		2	0.183	14.86	15.05	30.00
		3	0.239	14.74	14.98	30.00
		4	0.340	14.71	15.05	30.00
		5	0.432	14.55	14.98	30.00
		6	0.473	14.55	15.02	30.00
		7	0.509	14.45	14.96	30.00
		8	0.588	14.43	15.02	30.00

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	0.065	15.29	15.36	30.00
		1	0.126	15.11	15.24	30.00
		2	0.183	15.13	15.31	30.00
		3	0.239	15.02	15.26	30.00
		4	0.340	14.74	15.08	30.00
		5	0.432	14.91	15.35	30.00
		6	0.473	14.71	15.19	30.00
		7	0.509	14.66	15.17	30.00
		8	0.588	14.67	15.26	30.00
5785	157	0	0.065	15.41	15.47	30.00
		1	0.126	15.25	15.38	30.00
		2	0.183	15.22	15.40	30.00
		3	0.239	15.09	15.32	30.00
		4	0.340	15.08	15.42	30.00
		5	0.432	15.03	15.46	30.00
		6	0.473	14.93	15.40	30.00
		7	0.509	14.94	15.45	30.00
		8	0.588	14.81	15.40	30.00
5825	165	0	0.065	15.31	15.37	30.00
		1	0.126	15.19	15.31	30.00
		2	0.183	15.15	15.34	30.00
		3	0.239	15.02	15.26	30.00
		4	0.340	15.01	15.35	30.00
		5	0.432	14.93	15.36	30.00
		6	0.473	14.89	15.36	30.00
		7	0.509	14.76	15.27	30.00
		8	0.588	14.74	15.32	30.00

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	0.065	15.24	15.30	30.00
		1	0.126	15.06	15.18	30.00
		2	0.183	14.99	15.18	30.00
		3	0.239	15.05	15.29	30.00
		4	0.340	14.82	15.16	30.00
		5	0.432	14.78	15.21	30.00
		6	0.473	14.80	15.27	30.00
		7	0.509	14.60	15.11	30.00
		8	0.588	14.62	15.21	30.00
5785	157	0	0.065	15.52	15.59	30.00
		1	0.126	15.33	15.45	30.00
		2	0.183	15.14	15.32	30.00
		3	0.239	15.19	15.43	30.00
		4	0.340	15.03	15.37	30.00
		5	0.432	15.14	15.58	30.00
		6	0.473	14.84	15.32	30.00
		7	0.509	14.79	15.30	30.00
		8	0.588	14.83	15.42	30.00
5825	165	0	0.065	15.34	15.40	30.00
		1	0.126	15.14	15.26	30.00
		2	0.183	15.13	15.31	30.00
		3	0.239	15.07	15.31	30.00
		4	0.340	15.03	15.37	30.00
		5	0.432	14.89	15.33	30.00
		6	0.473	14.92	15.39	30.00
		7	0.509	14.73	15.24	30.00
		8	0.588	14.72	15.31	30.00

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	0.065	15.35	15.42	30.00
		1	0.126	15.23	15.35	30.00
		2	0.183	15.22	15.41	30.00
		3	0.239	15.14	15.38	30.00
		4	0.340	14.89	15.23	30.00
		5	0.432	14.96	15.40	30.00
		6	0.473	14.88	15.35	30.00
		7	0.509	14.85	15.36	30.00
		8	0.588	14.62	15.21	30.00
5785	157	0	0.065	15.53	15.60	30.00
		1	0.126	15.41	15.53	30.00
		2	0.183	15.25	15.43	30.00
		3	0.239	15.22	15.46	30.00
		4	0.340	15.07	15.41	30.00
		5	0.432	15.09	15.52	30.00
		6	0.473	14.99	15.47	30.00
		7	0.509	15.08	15.59	30.00
		8	0.588	14.90	15.49	30.00
5825	165	0	0.065	15.40	15.46	30.00
		1	0.126	15.25	15.37	30.00
		2	0.183	15.27	15.45	30.00
		3	0.239	15.11	15.35	30.00
		4	0.340	15.02	15.36	30.00
		5	0.432	14.86	15.29	30.00
		6	0.473	14.98	15.45	30.00
		7	0.509	14.86	15.36	30.00
		8	0.588	14.82	15.41	30.00

▣ 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	21.29	27.98
		1	21.21	27.98
		2	21.23	27.98
		3	21.23	27.98
		4	21.10	27.98
		5	21.26	27.98
		6	21.19	27.98
		7	21.15	27.98
		8	21.16	27.98
5785	157	0	21.48	27.98
		1	21.39	27.98
		2	21.33	27.98
		3	21.34	27.98
		4	21.34	27.98
		5	21.46	27.98
		6	21.34	27.98
		7	21.38	27.98
		8	21.38	27.98
5825	165	0	21.35	27.98
		1	21.26	27.98
		2	21.31	27.98
		3	21.25	27.98
		4	21.30	27.98
		5	21.26	27.98
		6	21.33	27.98
		7	21.23	27.98
		8	21.29	27.98

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	0.433	8.35	8.78	30.00
		1	0.412	8.29	8.70	30.00
		2	0.414	8.27	8.68	30.00
		3	0.393	8.25	8.64	30.00
		4	0.522	8.01	8.53	30.00
		5	0.633	7.99	8.62	30.00
		6	0.687	7.86	8.55	30.00
		7	0.775	7.91	8.68	30.00
5230	46	0	0.433	8.25	8.69	30.00
		1	0.412	8.23	8.64	30.00
		2	0.414	8.13	8.54	30.00
		3	0.393	8.10	8.49	30.00
		4	0.522	7.80	8.32	30.00
		5	0.633	7.90	8.53	30.00
		6	0.687	7.65	8.34	30.00
		7	0.775	7.90	8.68	30.00

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	0.433	8.46	8.89	30.00
		1	0.412	8.43	8.84	30.00
		2	0.414	8.47	8.88	30.00
		3	0.393	8.41	8.80	30.00
		4	0.522	8.25	8.77	30.00
		5	0.633	8.09	8.72	30.00
		6	0.687	8.12	8.81	30.00
		7	0.775	8.01	8.78	30.00
5230	46	0	0.433	8.40	8.83	30.00
		1	0.412	8.41	8.82	30.00
		2	0.414	8.31	8.72	30.00
		3	0.393	8.17	8.56	30.00
		4	0.522	8.09	8.61	30.00
		5	0.633	7.96	8.60	30.00
		6	0.687	7.90	8.59	30.00
		7	0.775	7.89	8.67	30.00

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	0.433	8.70	9.13	30.00
		1	0.412	7.99	8.40	30.00
		2	0.414	8.03	8.44	30.00
		3	0.393	8.00	8.39	30.00
		4	0.522	8.18	8.70	30.00
		5	0.633	7.99	8.62	30.00
		6	0.687	7.65	8.34	30.00
		7	0.775	7.68	8.45	30.00
5230	46	0	0.433	8.46	8.90	30.00
		1	0.412	7.77	8.18	30.00
		2	0.414	7.94	8.35	30.00
		3	0.393	7.94	8.33	30.00
		4	0.522	8.03	8.55	30.00
		5	0.633	7.87	8.50	30.00
		6	0.687	7.55	8.23	30.00
		7	0.775	7.55	8.33	30.00

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	0.433	10.63	11.06	30.00
		1	0.412	10.46	10.87	30.00
		2	0.414	10.64	11.05	30.00
		3	0.393	10.46	10.85	30.00
		4	0.522	10.46	10.98	30.00
		5	0.633	10.25	10.88	30.00
		6	0.687	10.27	10.96	30.00
		7	0.775	10.13	10.90	30.00
5230	46	0	0.433	10.50	10.93	30.00
		1	0.412	10.25	10.66	30.00
		2	0.414	10.42	10.84	30.00
		3	0.393	10.38	10.78	30.00
		4	0.522	10.40	10.92	30.00
		5	0.633	10.22	10.86	30.00
		6	0.687	10.18	10.86	30.00
		7	0.775	9.95	10.72	30.00

▣ 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	15.54	30.00
		1	15.28	30.00
		2	15.35	30.00
		3	15.25	30.00
		4	15.33	30.00
		5	15.29	30.00
		6	15.25	30.00
		7	15.29	30.00
5230	46	0	15.41	30.00
		1	15.15	30.00
		2	15.19	30.00
		3	15.12	30.00
		4	15.19	30.00
		5	15.20	30.00
		6	15.10	30.00
		7	15.17	30.00

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	0.433	9.36	9.79	23.98
		1	0.412	9.09	9.50	23.98
		2	0.414	9.32	9.73	23.98
		3	0.393	8.92	9.31	23.98
		4	0.522	9.14	9.66	23.98
		5	0.633	8.69	9.32	23.98
		6	0.687	8.78	9.47	23.98
		7	0.775	8.71	9.48	23.98
5310	62	0	0.433	9.05	9.48	23.98
		1	0.412	8.87	9.28	23.98
		2	0.414	9.06	9.47	23.98
		3	0.393	8.80	9.19	23.98
		4	0.522	8.84	9.36	23.98
		5	0.633	8.59	9.22	23.98
		6	0.687	8.66	9.35	23.98
		7	0.775	8.66	9.43	23.98

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	0.433	9.87	10.30	23.98
		1	0.412	9.78	10.19	23.98
		2	0.414	9.87	10.28	23.98
		3	0.393	9.68	10.07	23.98
		4	0.522	9.55	10.07	23.98
		5	0.633	9.37	10.00	23.98
		6	0.687	9.46	10.15	23.98
		7	0.775	9.34	10.11	23.98
5310	62	0	0.433	10.14	10.57	23.98
		1	0.412	10.00	10.41	23.98
		2	0.414	10.06	10.47	23.98
		3	0.393	9.95	10.34	23.98
		4	0.522	9.78	10.30	23.98
		5	0.633	9.58	10.21	23.98
		6	0.687	9.64	10.33	23.98
		7	0.775	9.55	10.32	23.98

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	0.433	9.99	10.42	23.98
		1	0.412	10.00	10.41	23.98
		2	0.414	9.62	10.03	23.98
		3	0.393	9.78	10.17	23.98
		4	0.522	9.46	9.98	23.98
		5	0.633	9.55	10.18	23.98
		6	0.687	9.54	10.23	23.98
		7	0.775	9.42	10.19	23.98
5310	62	0	0.433	9.80	10.23	23.98
		1	0.412	9.64	10.05	23.98
		2	0.414	9.69	10.10	23.98
		3	0.393	9.68	10.07	23.98
		4	0.522	9.40	9.92	23.98
		5	0.633	9.36	9.99	23.98
		6	0.687	9.26	9.95	23.98
		7	0.775	9.15	9.92	23.98

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	0.433	11.68	12.11	23.98
		1	0.412	11.69	12.10	23.98
		2	0.414	11.50	11.91	23.98
		3	0.393	11.51	11.90	23.98
		4	0.522	11.39	11.91	23.98
		5	0.633	11.40	12.03	23.98
		6	0.687	11.28	11.97	23.98
		7	0.775	11.32	12.09	23.98
5310	62	0	0.433	11.50	11.93	23.98
		1	0.412	11.37	11.78	23.98
		2	0.414	11.45	11.86	23.98
		3	0.393	11.53	11.92	23.98
		4	0.522	11.18	11.70	23.98
		5	0.633	11.29	11.92	23.98
		6	0.687	11.02	11.71	23.98
		7	0.775	10.93	11.70	23.98

▣ 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	16.72	23.98
		1	16.63	23.98
		2	16.55	23.98
		3	16.44	23.98
		4	16.47	23.98
		5	16.47	23.98
		6	16.52	23.98
		7	16.55	23.98
5310	62	0	16.62	23.98
		1	16.45	23.98
		2	16.54	23.98
		3	16.46	23.98
		4	16.39	23.98
		5	16.42	23.98
		6	16.40	23.98
		7	16.41	23.98

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	0.433	6.31	6.74	23.98
		1	0.412	6.10	6.51	23.98
		2	0.414	6.18	6.59	23.98
		3	0.393	6.17	6.56	23.98
		4	0.522	6.09	6.61	23.98
		5	0.633	5.84	6.47	23.98
		6	0.687	5.87	6.56	23.98
		7	0.775	5.69	6.46	23.98
5590	118	0	0.433	12.87	13.30	23.98
		1	0.412	12.77	13.18	23.98
		2	0.414	12.82	13.23	23.98
		3	0.393	12.69	13.08	23.98
		4	0.522	12.54	13.06	23.98
		5	0.633	12.29	12.92	23.98
		6	0.687	12.37	13.06	23.98
		7	0.775	12.30	13.07	23.98
5710	142	0	0.433	13.28	13.71	23.98
		1	0.412	13.04	13.45	23.98
		2	0.414	13.16	13.58	23.98
		3	0.393	13.14	13.53	23.98
		4	0.522	12.89	13.41	23.98
		5	0.633	12.64	13.28	23.98
		6	0.687	12.64	13.33	23.98
		7	0.775	12.71	13.48	23.98

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	0.433	9.25	9.68	23.98
		1	0.412	9.06	9.47	23.98
		2	0.414	9.16	9.57	23.98
		3	0.393	9.18	9.57	23.98
		4	0.522	9.15	9.67	23.98
		5	0.633	9.03	9.66	23.98
		6	0.687	8.89	9.58	23.98
		7	0.775	8.84	9.61	23.98
5590	118	0	0.433	15.15	15.58	23.98
		1	0.412	15.16	15.57	23.98
		2	0.414	15.06	15.47	23.98
		3	0.393	15.11	15.50	23.98
		4	0.522	15.03	15.55	23.98
		5	0.633	14.64	15.27	23.98
		6	0.687	14.79	15.48	23.98
		7	0.775	14.70	15.47	23.98
5710	142	0	0.433	15.02	15.45	23.98
		1	0.412	14.96	15.37	23.98
		2	0.414	14.83	15.24	23.98
		3	0.393	14.99	15.38	23.98
		4	0.522	14.78	15.30	23.98
		5	0.633	14.53	15.16	23.98
		6	0.687	14.75	15.44	23.98
		7	0.775	14.62	15.39	23.98

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	0.433	7.34	7.77	23.98
		1	0.412	7.35	7.76	23.98
		2	0.414	7.34	7.75	23.98
		3	0.393	7.36	7.75	23.98
		4	0.522	7.12	7.64	23.98
		5	0.633	6.96	7.59	23.98
		6	0.687	7.07	7.76	23.98
		7	0.775	6.92	7.69	23.98
5590	118	0	0.433	13.75	14.18	23.98
		1	0.412	13.70	14.11	23.98
		2	0.414	13.65	14.06	23.98
		3	0.393	13.78	14.17	23.98
		4	0.522	13.55	14.07	23.98
		5	0.633	13.46	14.09	23.98
		6	0.687	13.42	14.11	23.98
		7	0.775	13.36	14.13	23.98
5710	142	0	0.433	13.64	14.07	23.98
		1	0.412	13.64	14.06	23.98
		2	0.414	13.45	13.87	23.98
		3	0.393	13.65	14.04	23.98
		4	0.522	13.54	14.06	23.98
		5	0.633	13.28	13.91	23.98
		6	0.687	13.28	13.97	23.98
		7	0.775	13.25	14.02	23.98

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	0.433	8.77	9.20	23.98
		1	0.412	8.69	9.10	23.98
		2	0.414	8.54	8.95	23.98
		3	0.393	8.65	9.04	23.98
		4	0.522	8.48	9.00	23.98
		5	0.633	8.49	9.12	23.98
		6	0.687	8.35	9.04	23.98
		7	0.775	8.42	9.19	23.98
5590	118	0	0.433	14.26	14.69	23.98
		1	0.412	14.17	14.58	23.98
		2	0.414	14.27	14.68	23.98
		3	0.393	14.09	14.48	23.98
		4	0.522	14.09	14.61	23.98
		5	0.633	13.92	14.55	23.98
		6	0.687	13.72	14.41	23.98
		7	0.775	13.74	14.51	23.98
5710	142	0	0.433	14.22	14.65	23.98
		1	0.412	14.13	14.54	23.98
		2	0.414	14.23	14.64	23.98
		3	0.393	13.96	14.36	23.98
		4	0.522	14.06	14.58	23.98
		5	0.633	13.86	14.49	23.98
		6	0.687	13.69	14.37	23.98
		7	0.775	13.56	14.34	23.98

▣ 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	14.45	23.98
		1	14.31	23.98
		2	14.31	23.98
		3	14.33	23.98
		4	14.33	23.98
		5	14.32	23.98
		6	14.33	23.98
		7	14.35	23.98
5590	118	0	20.50	23.98
		1	20.43	23.98
		2	20.42	23.98
		3	20.37	23.98
		4	20.39	23.98
		5	20.27	23.98
		6	20.33	23.98
		7	20.36	23.98
5710	142	0	20.52	23.98
		1	20.41	23.98
		2	20.38	23.98
		3	20.38	23.98
		4	20.39	23.98
		5	20.26	23.98
		6	20.33	23.98
		7	20.36	23.98

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	0.433	13.24	13.67	30.00
		1	0.412	13.06	13.47	30.00
		2	0.414	13.13	13.55	30.00
		3	0.393	13.15	13.54	30.00
		4	0.522	12.98	13.50	30.00
		5	0.633	12.80	13.43	30.00
		6	0.687	12.74	13.43	30.00
		7	0.775	12.88	13.66	30.00
5795	159	0	0.433	13.01	13.44	30.00
		1	0.412	12.94	13.35	30.00
		2	0.414	13.02	13.43	30.00
		3	0.393	12.92	13.31	30.00
		4	0.522	12.84	13.36	30.00
		5	0.633	12.66	13.30	30.00
		6	0.687	12.68	13.37	30.00
		7	0.775	12.64	13.42	30.00

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	0.433	13.40	13.84	30.00
		1	0.412	13.17	13.58	30.00
		2	0.414	13.41	13.83	30.00
		3	0.393	13.29	13.69	30.00
		4	0.522	13.16	13.68	30.00
		5	0.633	12.90	13.53	30.00
		6	0.687	13.01	13.69	30.00
		7	0.775	12.96	13.74	30.00
5795	159	0	0.433	13.24	13.68	30.00
		1	0.412	13.19	13.61	30.00
		2	0.414	13.24	13.65	30.00
		3	0.393	13.22	13.61	30.00
		4	0.522	13.12	13.64	30.00
		5	0.633	12.81	13.44	30.00
		6	0.687	12.98	13.67	30.00
		7	0.775	12.80	13.57	30.00

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	0.433	12.78	13.22	30.00
		1	0.412	12.60	13.01	30.00
		2	0.414	12.79	13.21	30.00
		3	0.393	12.79	13.18	30.00
		4	0.522	12.68	13.20	30.00
		5	0.633	12.31	12.94	30.00
		6	0.687	12.45	13.14	30.00
		7	0.775	12.43	13.20	30.00
5795	159	0	0.433	12.74	13.17	30.00
		1	0.412	12.68	13.09	30.00
		2	0.414	12.56	12.97	30.00
		3	0.393	12.53	12.93	30.00
		4	0.522	12.49	13.01	30.00
		5	0.633	12.38	13.01	30.00
		6	0.687	12.39	13.08	30.00
		7	0.775	12.39	13.16	30.00

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	0.433	13.41	13.84	30.00
		1	0.412	13.25	13.67	30.00
		2	0.414	13.28	13.70	30.00
		3	0.393	13.43	13.83	30.00
		4	0.522	13.15	13.68	30.00
		5	0.633	12.96	13.60	30.00
		6	0.687	12.80	13.49	30.00
		7	0.775	13.00	13.77	30.00
5795	159	0	0.433	13.21	13.64	30.00
		1	0.412	12.99	13.40	30.00
		2	0.414	13.11	13.52	30.00
		3	0.393	13.04	13.43	30.00
		4	0.522	13.03	13.56	30.00
		5	0.633	12.78	13.41	30.00
		6	0.687	12.94	13.63	30.00
		7	0.775	12.69	13.47	30.00

▣ 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	19.66	30.00
		1	19.46	30.00
		2	19.59	30.00
		3	19.58	30.00
		4	19.54	30.00
		5	19.40	30.00
		6	19.46	30.00
		7	19.62	30.00
5795	159	0	19.50	30.00
		1	19.38	30.00
		2	19.42	30.00
		3	19.35	30.00
		4	19.42	30.00
		5	19.31	30.00
		6	19.46	30.00
		7	19.43	30.00

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	8.79	8.92	30.00
		1	0.246	8.66	8.91	30.00
		2	0.352	8.56	8.91	30.00
		3	0.446	7.97	8.42	30.00
		4	0.611	8.03	8.64	30.00
		5	0.736	7.57	8.31	30.00
		6	0.797	7.80	8.60	30.00
		7	0.857	7.46	8.32	30.00
		8	0.969	7.63	8.60	30.00
		9	0.992	7.32	8.31	30.00
5230	46	0	0.130	8.70	8.83	30.00
		1	0.246	8.43	8.67	30.00
		2	0.352	8.47	8.82	30.00
		3	0.446	7.91	8.36	30.00
		4	0.611	7.83	8.44	30.00
		5	0.736	7.54	8.28	30.00
		6	0.797	7.79	8.59	30.00
		7	0.857	7.22	8.08	30.00
		8	0.969	7.39	8.36	30.00
		9	0.992	7.11	8.10	30.00

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	9.21	9.34	30.00
		1	0.246	8.73	8.98	30.00
		2	0.352	8.77	9.12	30.00
		3	0.446	8.34	8.79	30.00
		4	0.611	8.14	8.75	30.00
		5	0.736	8.01	8.75	30.00
		6	0.797	7.89	8.69	30.00
		7	0.857	7.90	8.76	30.00
		8	0.969	7.73	8.70	30.00
		9	0.992	7.78	8.77	30.00
5230	46	0	0.130	9.01	9.14	30.00
		1	0.246	8.60	8.85	30.00
		2	0.352	8.52	8.87	30.00
		3	0.446	8.28	8.72	30.00
		4	0.611	7.97	8.58	30.00
		5	0.736	7.83	8.56	30.00
		6	0.797	7.75	8.55	30.00
		7	0.857	7.75	8.61	30.00
		8	0.969	7.62	8.59	30.00
		9	0.992	7.63	8.62	30.00

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	9.47	9.60	30.00
		1	0.246	9.34	9.59	30.00
		2	0.352	9.03	9.38	30.00
		3	0.446	8.05	8.50	30.00
		4	0.611	7.84	8.45	30.00
		5	0.736	7.69	8.43	30.00
		6	0.797	7.69	8.49	30.00
		7	0.857	7.59	8.45	30.00
		8	0.969	7.46	8.43	30.00
		9	0.992	7.73	8.72	30.00
5230	46	0	0.130	9.29	9.42	30.00
		1	0.246	9.16	9.41	30.00
		2	0.352	8.96	9.31	30.00
		3	0.446	7.95	8.39	30.00
		4	0.611	7.67	8.28	30.00
		5	0.736	7.55	8.29	30.00
		6	0.797	7.48	8.28	30.00
		7	0.857	7.41	8.26	30.00
		8	0.969	7.40	8.37	30.00
		9	0.992	7.54	8.53	30.00

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	11.03	11.16	30.00
		1	0.246	10.90	11.15	30.00
		2	0.352	10.46	10.81	30.00
		3	0.446	10.35	10.80	30.00
		4	0.611	9.99	10.60	30.00
		5	0.736	9.89	10.63	30.00
		6	0.797	9.80	10.60	30.00
		7	0.857	9.81	10.67	30.00
		8	0.969	9.61	10.58	30.00
		9	0.992	9.82	10.81	30.00
5230	46	0	0.130	10.91	11.04	30.00
		1	0.246	10.74	10.98	30.00
		2	0.352	10.41	10.76	30.00
		3	0.446	10.21	10.66	30.00
		4	0.611	9.98	10.59	30.00
		5	0.736	9.72	10.46	30.00
		6	0.797	9.69	10.48	30.00
		7	0.857	9.56	10.42	30.00
		8	0.969	9.55	10.52	30.00
		9	0.992	9.74	10.73	30.00

▣ 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	15.82	27.98
		1	15.72	27.98
		2	15.61	27.98
		3	15.20	27.98
		4	15.18	27.98
		5	15.10	27.98
		6	15.16	27.98
		7	15.12	27.98
		8	15.14	27.98
		9	15.23	27.98
5230	46	0	15.67	27.98
		1	15.55	27.98
		2	15.50	27.98
		3	15.11	27.98
		4	15.05	27.98
		5	14.97	27.98
		6	15.04	27.98
		7	14.91	27.98
		8	15.03	27.98
		9	15.08	27.98

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	9.70	9.83	23.98
		1	0.246	9.41	9.66	23.98
		2	0.352	9.47	9.82	23.98
		3	0.446	9.15	9.60	23.98
		4	0.611	9.03	9.64	23.98
		5	0.736	8.93	9.67	23.98
		6	0.797	8.86	9.66	23.98
		7	0.857	8.70	9.56	23.98
		8	0.969	8.72	9.69	23.98
		9	0.992	8.45	9.44	23.98
5310	62	0	0.130	10.33	10.46	23.98
		1	0.246	9.68	9.93	23.98
		2	0.352	9.75	10.10	23.98
		3	0.446	9.47	9.92	23.98
		4	0.611	9.50	10.11	23.98
		5	0.736	9.31	10.05	23.98
		6	0.797	9.35	10.15	23.98
		7	0.857	9.12	9.98	23.98
		8	0.969	9.07	10.04	23.98
		9	0.992	9.46	10.45	23.98

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	10.42	10.55	23.98
		1	0.246	10.15	10.40	23.98
		2	0.352	9.99	10.34	23.98
		3	0.446	9.63	10.08	23.98
		4	0.611	9.57	10.18	23.98
		5	0.736	9.44	10.18	23.98
		6	0.797	9.39	10.19	23.98
		7	0.857	9.23	10.09	23.98
		8	0.969	9.28	10.25	23.98
		9	0.992	9.18	10.17	23.98
5310	62	0	0.130	10.63	10.76	23.98
		1	0.246	10.04	10.29	23.98
		2	0.352	9.96	10.31	23.98
		3	0.446	9.82	10.27	23.98
		4	0.611	9.69	10.30	23.98
		5	0.736	9.51	10.25	23.98
		6	0.797	9.62	10.42	23.98
		7	0.857	9.53	10.39	23.98
		8	0.969	9.39	10.36	23.98
		9	0.992	9.76	10.75	23.98

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	10.44	10.57	23.98
		1	0.246	10.27	10.52	23.98
		2	0.352	9.87	10.22	23.98
		3	0.446	9.71	10.16	23.98
		4	0.611	9.44	10.05	23.98
		5	0.736	9.82	10.56	23.98
		6	0.797	9.35	10.15	23.98
		7	0.857	9.28	10.14	23.98
		8	0.969	9.17	10.14	23.98
		9	0.992	9.13	10.12	23.98
5310	62	0	0.130	10.53	10.66	23.98
		1	0.246	9.69	9.94	23.98
		2	0.352	9.59	9.94	23.98
		3	0.446	9.47	9.92	23.98
		4	0.611	9.33	9.94	23.98
		5	0.736	9.32	10.06	23.98
		6	0.797	9.17	9.97	23.98
		7	0.857	9.14	10.00	23.98
		8	0.969	9.15	10.12	23.98
		9	0.992	9.66	10.65	23.98

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	11.92	12.05	23.98
		1	0.246	11.76	12.01	23.98
		2	0.352	11.58	11.93	23.98
		3	0.446	11.56	12.01	23.98
		4	0.611	11.14	11.75	23.98
		5	0.736	11.17	11.91	23.98
		6	0.797	11.18	11.98	23.98
		7	0.857	11.07	11.93	23.98
		8	0.969	11.04	12.01	23.98
		9	0.992	11.05	12.04	23.98
5310	62	0	0.130	11.84	11.97	23.98
		1	0.246	11.71	11.96	23.98
		2	0.352	11.38	11.73	23.98
		3	0.446	11.42	11.87	23.98
		4	0.611	11.06	11.67	23.98
		5	0.736	11.22	11.96	23.98
		6	0.797	11.03	11.83	23.98
		7	0.857	11.03	11.89	23.98
		8	0.969	10.74	11.71	23.98
		9	0.992	10.89	11.88	23.98

▣ 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	16.81	21.96
		1	16.71	21.96
		2	16.64	21.96
		3	16.53	21.96
		4	16.46	21.96
		5	16.64	21.96
		6	16.56	21.96
		7	16.49	21.96
		8	16.59	21.96
		9	16.52	21.96
5310	62	0	17.00	21.96
		1	16.59	21.96
		2	16.57	21.96
		3	16.55	21.96
		4	16.55	21.96
		5	16.63	21.96
		6	16.64	21.96
		7	16.62	21.96
		8	16.60	21.96
		9	16.97	21.96

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	7.78	7.91	23.98
		1	0.246	7.44	7.69	23.98
		2	0.352	7.55	7.90	23.98
		3	0.446	7.12	7.57	23.98
		4	0.611	7.11	7.72	23.98
		5	0.736	6.89	7.63	23.98
		6	0.797	7.04	7.84	23.98
		7	0.857	6.84	7.70	23.98
		8	0.969	6.88	7.85	23.98
		9	0.992	6.91	7.90	23.98
5590	118	0	0.130	13.97	14.10	23.98
		1	0.246	13.75	14.00	23.98
		2	0.352	13.74	14.09	23.98
		3	0.446	13.35	13.80	23.98
		4	0.611	13.24	13.85	23.98
		5	0.736	13.10	13.84	23.98
		6	0.797	13.10	13.90	23.98
		7	0.857	12.92	13.78	23.98
		8	0.969	12.99	13.96	23.98
		9	0.992	12.69	13.68	23.98
5710	142	0	0.130	14.42	14.55	23.98
		1	0.246	14.01	14.26	23.98
		2	0.352	14.19	14.54	23.98
		3	0.446	13.81	14.26	23.98
		4	0.611	13.61	14.22	23.98
		5	0.736	13.48	14.22	23.98
		6	0.797	13.55	14.35	23.98
		7	0.857	13.23	14.09	23.98
		8	0.969	13.28	14.24	23.98
		9	0.992	13.09	14.08	23.98

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	9.69	9.82	23.98
		1	0.246	9.51	9.76	23.98
		2	0.352	9.44	9.79	23.98
		3	0.446	9.12	9.57	23.98
		4	0.611	9.05	9.66	23.98
		5	0.736	8.87	9.61	23.98
		6	0.797	9.01	9.81	23.98
		7	0.857	8.86	9.72	23.98
		8	0.969	8.84	9.81	23.98
		9	0.992	8.78	9.77	23.98
5590	118	0	0.130	15.68	15.81	23.98
		1	0.246	15.36	15.61	23.98
		2	0.352	15.45	15.80	23.98
		3	0.446	15.01	15.46	23.98
		4	0.611	14.88	15.49	23.98
		5	0.736	14.64	15.38	23.98
		6	0.797	14.74	15.54	23.98
		7	0.857	14.56	15.42	23.98
		8	0.969	14.54	15.51	23.98
		9	0.992	14.47	15.46	23.98
5710	142	0	0.130	15.51	15.64	23.98
		1	0.246	15.28	15.52	23.98
		2	0.352	15.28	15.63	23.98
		3	0.446	14.79	15.24	23.98
		4	0.611	14.82	15.43	23.98
		5	0.736	14.50	15.23	23.98
		6	0.797	14.55	15.35	23.98
		7	0.857	14.45	15.30	23.98
		8	0.969	14.52	15.49	23.98
		9	0.992	14.26	15.25	23.98

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	7.78	7.91	23.98
		1	0.246	7.47	7.72	23.98
		2	0.352	7.52	7.87	23.98
		3	0.446	7.45	7.90	23.98
		4	0.611	7.00	7.61	23.98
		5	0.736	7.00	7.74	23.98
		6	0.797	6.91	7.71	23.98
		7	0.857	6.95	7.81	23.98
		8	0.969	6.77	7.74	23.98
		9	0.992	6.85	7.84	23.98
5590	118	0	0.130	14.57	14.70	23.98
		1	0.246	14.44	14.69	23.98
		2	0.352	13.99	14.34	23.98
		3	0.446	13.89	14.34	23.98
		4	0.611	13.69	14.30	23.98
		5	0.736	13.51	14.25	23.98
		6	0.797	13.40	14.20	23.98
		7	0.857	13.42	14.28	23.98
		8	0.969	13.20	14.17	23.98
		9	0.992	13.24	14.23	23.98
5710	142	0	0.130	14.33	14.46	23.98
		1	0.246	14.20	14.45	23.98
		2	0.352	13.80	14.15	23.98
		3	0.446	13.76	14.21	23.98
		4	0.611	13.65	14.26	23.98
		5	0.736	13.27	14.01	23.98
		6	0.797	13.27	14.07	23.98
		7	0.857	13.34	14.19	23.98
		8	0.969	13.06	14.03	23.98
		9	0.992	13.16	14.15	23.98

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	9.00	9.13	23.98
		1	0.246	8.86	9.11	23.98
		2	0.352	8.68	9.03	23.98
		3	0.446	8.65	9.10	23.98
		4	0.611	8.37	8.98	23.98
		5	0.736	8.38	9.12	23.98
		6	0.797	8.16	8.96	23.98
		7	0.857	8.26	9.12	23.98
		8	0.969	8.01	8.98	23.98
		9	0.992	8.07	9.06	23.98
5590	118	0	0.130	14.58	14.71	23.98
		1	0.246	14.45	14.70	23.98
		2	0.352	13.98	14.33	23.98
		3	0.446	13.98	14.43	23.98
		4	0.611	13.94	14.55	23.98
		5	0.736	13.72	14.46	23.98
		6	0.797	13.79	14.59	23.98
		7	0.857	13.61	14.47	23.98
		8	0.969	13.61	14.58	23.98
		9	0.992	13.50	14.49	23.98
5710	142	0	0.130	14.45	14.58	23.98
		1	0.246	14.27	14.52	23.98
		2	0.352	13.79	14.14	23.98
		3	0.446	13.97	14.42	23.98
		4	0.611	13.80	14.41	23.98
		5	0.736	13.52	14.26	23.98
		6	0.797	13.69	14.49	23.98
		7	0.857	13.61	14.46	23.98
		8	0.969	13.60	14.57	23.98
		9	0.992	13.42	14.41	23.98

▣ 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	14.75	21.96
		1	14.63	21.96
		2	14.71	21.96
		3	14.59	21.96
		4	14.56	21.96
		5	14.58	21.96
		6	14.64	21.96
		7	14.65	21.96
		8	14.66	21.96
		9	14.70	21.96
5590	118	0	20.87	21.96
		1	20.79	21.96
		2	20.69	21.96
		3	20.55	21.96
		4	20.59	21.96
		5	20.52	21.96
		6	20.60	21.96
		7	20.53	21.96
		8	20.60	21.96
		9	20.51	21.96
5710	142	0	20.84	21.96
		1	20.72	21.96
		2	20.66	21.96
		3	20.56	21.96
		4	20.62	21.96
		5	20.46	21.96
		6	20.60	21.96
		7	20.55	21.96
		8	20.62	21.96
		9	20.51	21.96

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	13.35	13.48	30
		1	0.246	13.11	13.36	30
		2	0.352	13.12	13.47	30
		3	0.446	12.78	13.23	30
		4	0.611	12.67	13.29	30
		5	0.736	12.55	13.28	30
		6	0.797	12.51	13.31	30
		7	0.857	12.50	13.36	30
		8	0.969	12.39	13.36	30
		9	0.992	12.38	13.37	30
5795	159	0	0.130	13.86	13.99	30
		1	0.246	13.73	13.98	30
		2	0.352	13.51	13.86	30
		3	0.446	13.49	13.93	30
		4	0.611	13.18	13.79	30
		5	0.736	13.09	13.82	30
		6	0.797	12.95	13.75	30
		7	0.857	13.10	13.96	30
		8	0.969	12.88	13.85	30
		9	0.992	12.86	13.85	30

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	13.53	13.66	30
		1	0.246	13.30	13.54	30
		2	0.352	13.29	13.64	30
		3	0.446	13.08	13.53	30
		4	0.611	12.85	13.46	30
		5	0.736	12.69	13.42	30
		6	0.797	12.69	13.49	30
		7	0.857	12.79	13.65	30
		8	0.969	12.58	13.55	30
		9	0.992	12.64	13.64	30
5795	159	0	0.130	14.12	14.25	30
		1	0.246	14.00	14.24	30
		2	0.352	13.54	13.89	30
		3	0.446	13.59	14.04	30
		4	0.611	13.29	13.90	30
		5	0.736	13.36	14.09	30
		6	0.797	13.06	13.86	30
		7	0.857	13.37	14.23	30
		8	0.969	13.16	14.13	30
		9	0.992	12.96	13.95	30

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	13.02	13.15	30
		1	0.246	12.90	13.14	30
		2	0.352	12.78	13.13	30
		3	0.446	12.51	12.95	30
		4	0.611	12.22	12.83	30
		5	0.736	12.18	12.92	30
		6	0.797	12.25	13.04	30
		7	0.857	12.05	12.91	30
		8	0.969	12.03	13.00	30
		9	0.992	11.96	12.95	30
5795	159	0	0.130	13.57	13.70	30
		1	0.246	13.38	13.62	30
		2	0.352	13.15	13.50	30
		3	0.446	13.14	13.58	30
		4	0.611	12.81	13.42	30
		5	0.736	12.82	13.55	30
		6	0.797	12.56	13.36	30
		7	0.857	12.64	13.50	30
		8	0.969	12.50	13.47	30
		9	0.992	12.39	13.38	30

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	13.48	13.62	30
		1	0.246	13.15	13.39	30
		2	0.352	13.13	13.49	30
		3	0.446	12.79	13.24	30
		4	0.611	12.83	13.44	30
		5	0.736	12.57	13.31	30
		6	0.797	12.57	13.36	30
		7	0.857	12.65	13.50	30
		8	0.969	12.64	13.61	30
		9	0.992	12.38	13.37	30
5795	159	0	0.130	14.11	14.24	30
		1	0.246	13.94	14.18	30
		2	0.352	13.68	14.04	30
		3	0.446	13.77	14.22	30
		4	0.611	13.20	13.81	30
		5	0.736	13.34	14.07	30
		6	0.797	13.16	13.95	30
		7	0.857	13.37	14.23	30
		8	0.969	13.11	14.08	30
		9	0.992	12.93	13.92	30

▣ 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	19.50	27.98
		1	19.38	27.98
		2	19.45	27.98
		3	19.26	27.98
		4	19.28	27.98
		5	19.26	27.98
		6	19.32	27.98
		7	19.38	27.98
		8	19.40	27.98
		9	19.36	27.98
5795	159	0	20.07	27.98
		1	20.03	27.98
		2	19.84	27.98
		3	19.97	27.98
		4	19.75	27.98
		5	19.91	27.98
		6	19.75	27.98
		7	20.00	27.98
		8	19.91	27.98
		9	19.80	27.98

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	0.265	9.55	9.82	30
		1	0.473	9.12	9.59	30
		2	0.645	9.16	9.81	30
		3	0.772	8.72	9.49	30
		4	0.992	8.77	9.76	30
		5	1.136	8.47	9.61	30
		6	1.237	8.43	9.67	30
		7	1.288	8.07	9.36	30
		8	1.388	8.32	9.71	30
		9	1.470	8.07	9.54	30

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	0.265	8.50	8.77	30
		1	0.473	8.14	8.61	30
		2	0.645	8.11	8.76	30
		3	0.772	7.74	8.51	30
		4	0.992	7.65	8.64	30
		5	1.136	7.45	8.59	30
		6	1.237	7.22	8.46	30
		7	1.288	7.05	8.34	30
		8	1.388	7.18	8.57	30
		9	1.470	7.05	8.52	30

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	0.265	9.60	9.87	30
		1	0.473	9.19	9.66	30
		2	0.645	9.17	9.82	30
		3	0.772	9.03	9.80	30
		4	0.992	8.74	9.73	30
		5	1.136	8.72	9.86	30
		6	1.237	8.12	9.36	30
		7	1.288	8.41	9.70	30
		8	1.388	8.15	9.54	30
		9	1.470	8.36	9.83	30

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	0.265	11.96	12.23	30
		1	0.473	11.63	12.10	30
		2	0.645	11.48	12.13	30
		3	0.772	11.44	12.21	30
		4	0.992	11.00	11.99	30
		5	1.136	11.08	12.22	30
		6	1.237	10.28	11.52	30
		7	1.288	10.50	11.79	30
		8	1.388	10.39	11.78	30
		9	1.470	10.60	12.07	30

▣ 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	16.28	27.98
		1	16.11	27.98
		2	16.24	27.98
		3	16.14	27.98
		4	16.14	27.98
		5	16.19	27.98
		6	15.84	27.98
		7	15.91	27.98
		8	16.00	27.98
		9	16.11	27.98

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	0.265	10.03	10.30	23.98
		1	0.473	9.59	10.06	23.98
		2	0.645	9.59	10.24	23.98
		3	0.772	9.05	9.82	23.98
		4	0.992	9.17	10.16	23.98
		5	1.136	9.12	10.26	23.98
		6	1.237	8.95	10.19	23.98
		7	1.288	8.93	10.22	23.98
		8	1.388	8.80	10.19	23.98
		9	1.470	8.82	10.29	23.98

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	0.265	9.54	9.81	23.98
		1	0.473	9.03	9.50	23.98
		2	0.645	8.96	9.61	23.98
		3	0.772	8.46	9.23	23.98
		4	0.992	8.55	9.54	23.98
		5	1.136	8.57	9.71	23.98
		6	1.237	8.34	9.58	23.98
		7	1.288	8.41	9.70	23.98
		8	1.388	8.27	9.66	23.98
		9	1.470	8.33	9.80	23.98

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	0.265	10.33	10.60	23.98
		1	0.473	9.93	10.40	23.98
		2	0.645	9.81	10.46	23.98
		3	0.772	9.26	10.03	23.98
		4	0.992	9.30	10.29	23.98
		5	1.136	9.28	10.42	23.98
		6	1.237	9.27	10.51	23.98
		7	1.288	9.30	10.59	23.98
		8	1.388	9.10	10.49	23.98
		9	1.470	9.02	10.49	23.98

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	0.265	12.44	12.71	23.98
		1	0.473	12.10	12.57	23.98
		2	0.645	11.79	12.44	23.98
		3	0.772	11.31	12.08	23.98
		4	0.992	11.05	12.04	23.98
		5	1.136	11.44	12.58	23.98
		6	1.237	11.46	12.70	23.98
		7	1.288	11.20	12.49	23.98
		8	1.388	11.14	12.53	23.98
		9	1.470	11.00	12.47	23.98

▣ 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	16.95	21.96
		1	16.74	21.96
		2	16.77	21.96
		3	16.38	21.96
		4	16.58	21.96
		5	16.83	21.96
		6	16.85	21.96
		7	16.83	21.96
		8	16.81	21.96
		9	16.84	21.96

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	0.265	5.94	6.20	23.98
		1	0.473	5.51	5.98	23.98
		2	0.645	5.36	6.01	23.98
		3	0.772	5.08	5.85	23.98
		4	0.992	5.20	6.19	23.98
		5	1.136	4.44	5.58	23.98
		6	1.237	4.63	5.87	23.98
		7	1.288	4.47	5.76	23.98
		8	1.388	4.75	6.14	23.98
		9	1.470	4.56	6.03	23.98
5610	122	0	0.265	12.88	13.15	23.98
		1	0.473	12.36	12.83	23.98
		2	0.645	12.31	12.96	23.98
		3	0.772	12.11	12.88	23.98
		4	0.992	12.04	13.03	23.98
		5	1.136	11.81	12.95	23.98
		6	1.237	11.84	13.08	23.98
		7	1.288	11.71	13.00	23.98
		8	1.388	11.75	13.14	23.98
		9	1.470	11.50	12.97	23.98
5690	138	0	0.265	12.85	13.12	23.98
		1	0.473	12.36	12.83	23.98
		2	0.645	12.28	12.93	23.98
		3	0.772	12.04	12.81	23.98
		4	0.992	11.86	12.85	23.98
		5	1.136	11.74	12.88	23.98
		6	1.237	11.76	13.00	23.98
		7	1.288	11.63	12.91	23.98
		8	1.388	11.72	13.11	23.98
		9	1.470	11.30	12.77	23.98

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	0.265	7.50	7.77	23.98
		1	0.473	7.19	7.66	23.98
		2	0.645	7.05	7.70	23.98
		3	0.772	6.95	7.72	23.98
		4	0.992	6.64	7.63	23.98
		5	1.136	6.32	7.46	23.98
		6	1.237	6.52	7.76	23.98
		7	1.288	6.39	7.68	23.98
		8	1.388	5.90	7.29	23.98
		9	1.470	5.84	7.31	23.98
5610	122	0	0.265	14.24	14.51	23.98
		1	0.473	13.45	13.92	23.98
		2	0.645	13.64	14.29	23.98
		3	0.772	13.34	14.11	23.98
		4	0.992	13.20	14.19	23.98
		5	1.136	13.28	14.42	23.98
		6	1.237	13.18	14.42	23.98
		7	1.288	13.16	14.45	23.98
		8	1.388	13.09	14.48	23.98
		9	1.470	13.03	14.50	23.98
5690	138	0	0.265	14.17	14.44	23.98
		1	0.473	13.41	13.88	23.98
		2	0.645	13.50	14.15	23.98
		3	0.772	13.17	13.94	23.98
		4	0.992	13.17	14.16	23.98
		5	1.136	13.19	14.33	23.98
		6	1.237	13.08	14.31	23.98
		7	1.288	13.14	14.43	23.98
		8	1.388	12.91	14.30	23.98
		9	1.470	12.88	14.35	23.98

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	0.265	6.60	6.86	23.98
		1	0.473	6.38	6.85	23.98
		2	0.645	5.87	6.52	23.98
		3	0.772	5.88	6.65	23.98
		4	0.992	5.62	6.61	23.98
		5	1.136	5.54	6.68	23.98
		6	1.237	5.31	6.55	23.98
		7	1.288	5.40	6.69	23.98
		8	1.388	5.32	6.71	23.98
		9	1.470	5.38	6.85	23.98
5610	122	0	0.265	13.79	14.06	23.98
		1	0.473	13.23	13.70	23.98
		2	0.645	13.09	13.74	23.98
		3	0.772	13.23	14.00	23.98
		4	0.992	12.81	13.80	23.98
		5	1.136	12.59	13.73	23.98
		6	1.237	12.68	13.92	23.98
		7	1.288	12.76	14.05	23.98
		8	1.388	12.59	13.98	23.98
		9	1.470	12.55	14.02	23.98
5690	138	0	0.265	13.76	14.03	23.98
		1	0.473	13.05	13.53	23.98
		2	0.645	13.03	13.68	23.98
		3	0.772	13.16	13.93	23.98
		4	0.992	12.73	13.72	23.98
		5	1.136	12.49	13.62	23.98
		6	1.237	12.49	13.73	23.98
		7	1.288	12.73	14.02	23.98
		8	1.388	12.52	13.91	23.98
		9	1.470	12.52	13.99	23.98

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	0.265	8.45	8.71	23.98
		1	0.473	8.23	8.70	23.98
		2	0.645	7.55	8.20	23.98
		3	0.772	7.75	8.52	23.98
		4	0.992	7.26	8.25	23.98
		5	1.136	7.04	8.18	23.98
		6	1.237	6.82	8.06	23.98
		7	1.288	7.23	8.52	23.98
		8	1.388	6.90	8.29	23.98
		9	1.470	6.96	8.43	23.98
5610	122	0	0.265	14.16	14.43	23.98
		1	0.473	13.80	14.27	23.98
		2	0.645	13.26	13.91	23.98
		3	0.772	13.43	14.20	23.98
		4	0.992	13.25	14.24	23.98
		5	1.136	12.96	14.10	23.98
		6	1.237	12.86	14.10	23.98
		7	1.288	12.93	14.22	23.98
		8	1.388	12.70	14.09	23.98
		9	1.470	12.95	14.42	23.98
5690	138	0	0.265	14.02	14.28	23.98
		1	0.473	13.75	14.22	23.98
		2	0.645	13.09	13.74	23.98
		3	0.772	13.34	14.11	23.98
		4	0.992	13.17	14.17	23.98
		5	1.136	12.82	13.96	23.98
		6	1.237	12.71	13.95	23.98
		7	1.288	12.81	14.10	23.98
		8	1.388	12.58	13.97	23.98
		9	1.470	12.80	14.27	23.98

▣ 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	13.46	21.96
		1	13.38	21.96
		2	13.17	21.96
		3	13.27	21.96
		4	13.23	21.96
		5	13.04	21.96
		6	13.12	21.96
		7	13.24	21.96
		8	13.16	21.96
		9	13.22	21.96
5610	122	0	20.07	21.96
		1	19.72	21.96
		2	19.75	21.96
		3	19.84	21.96
		4	19.85	21.96
		5	19.83	21.96
		6	19.91	21.96
		7	19.97	21.96
		8	19.95	21.96
		9	20.02	21.96
5690	138	0	20.00	21.96
		1	19.65	21.96
		2	19.65	21.96
		3	19.73	21.96
		4	19.76	21.96
		5	19.73	21.96
		6	19.78	21.96
		7	19.90	21.96
		8	19.85	21.96
		9	19.89	21.96

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	0.265	13.17	13.44	30
		1	0.473	12.72	13.19	30
		2	0.645	12.72	13.37	30
		3	0.772	12.57	13.34	30
		4	0.992	12.31	13.30	30
		5	1.136	12.22	13.36	30
		6	1.237	12.14	13.37	30
		7	1.288	12.10	13.39	30
		8	1.388	12.04	13.43	30
		9	1.470	11.95	13.42	30

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	0.265	13.27	13.54	30
		1	0.473	12.78	13.26	30
		2	0.645	12.82	13.46	30
		3	0.772	12.65	13.42	30
		4	0.992	12.41	13.40	30
		5	1.136	12.23	13.36	30
		6	1.237	12.14	13.38	30
		7	1.288	12.13	13.42	30
		8	1.388	12.14	13.53	30
		9	1.470	11.97	13.44	30

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	0.265	13.24	13.50	30
		1	0.473	12.81	13.29	30
		2	0.645	12.76	13.40	30
		3	0.772	12.63	13.41	30
		4	0.992	12.41	13.40	30
		5	1.136	12.23	13.36	30
		6	1.237	12.22	13.46	30
		7	1.288	12.13	13.42	30
		8	1.388	12.10	13.49	30
		9	1.470	11.99	13.46	30

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	0.265	13.28	13.55	30
		1	0.473	12.87	13.34	30
		2	0.645	12.87	13.52	30
		3	0.772	12.69	13.46	30
		4	0.992	12.42	13.41	30
		5	1.136	12.29	13.42	30
		6	1.237	12.25	13.49	30
		7	1.288	12.25	13.54	30
		8	1.388	12.07	13.46	30
		9	1.470	12.06	13.53	30

▣ 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	19.53	27.98
		1	19.29	27.98
		2	19.46	27.98
		3	19.43	27.98
		4	19.40	27.98
		5	19.40	27.98
		6	19.45	27.98
		7	19.46	27.98
		8	19.50	27.98
		9	19.48	27.98

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	7.83	0.47	8.31	30
		1	7.45	0.77	8.22	30
		2	7.29	0.99	8.28	30
		3	7.04	1.15	8.19	30
		4	6.78	1.40	8.18	30
		5	6.69	1.52	8.22	30
		6	6.61	1.62	8.23	30
		7	6.60	1.62	8.23	30
		8	6.47	1.69	8.16	30
		9	6.43	1.81	8.24	30
5290	58	0	8.92	0.47	9.39	23.98
		1	8.45	0.77	9.22	23.98
		2	8.32	0.99	9.31	23.98
		3	8.04	1.15	9.19	23.98
		4	7.63	1.40	9.03	23.98
		5	7.84	1.52	9.37	23.98
		6	7.75	1.62	9.37	23.98
		7	7.73	1.62	9.36	23.98
		8	7.66	1.69	9.35	23.98
		9	7.53	1.81	9.34	23.98

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	7.83	0.47	8.30	30
		1	7.33	0.77	8.10	30
		2	7.10	0.99	8.09	30
		3	7.12	1.15	8.27	30
		4	6.69	1.40	8.09	30
		5	6.55	1.52	8.08	30
		6	6.59	1.62	8.21	30
		7	6.50	1.62	8.12	30
		8	6.47	1.69	8.16	30
		9	6.45	1.81	8.26	30
5290	58	0	10.69	0.47	11.16	23.98
		1	9.96	0.77	10.73	23.98
		2	9.78	0.99	10.77	23.98
		3	9.54	1.15	10.68	23.98
		4	9.18	1.40	10.58	23.98
		5	9.46	1.52	10.99	23.98
		6	9.28	1.62	10.91	23.98
		7	9.17	1.62	10.79	23.98
		8	9.26	1.69	10.95	23.98
		9	9.14	1.81	10.95	23.98

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

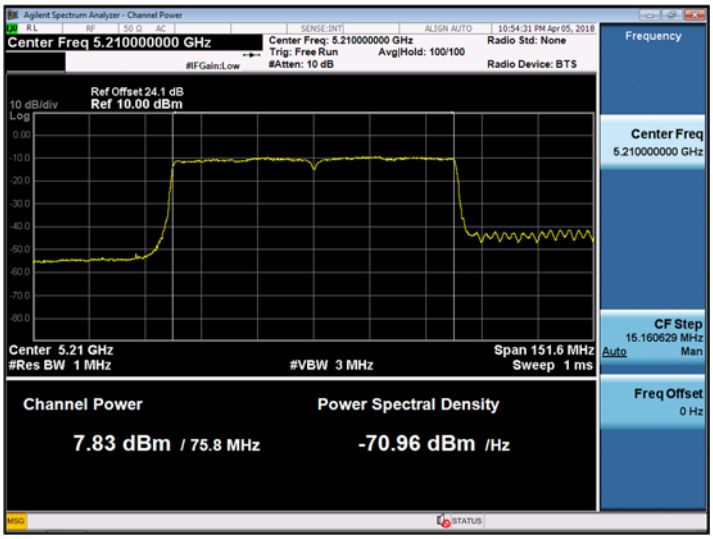
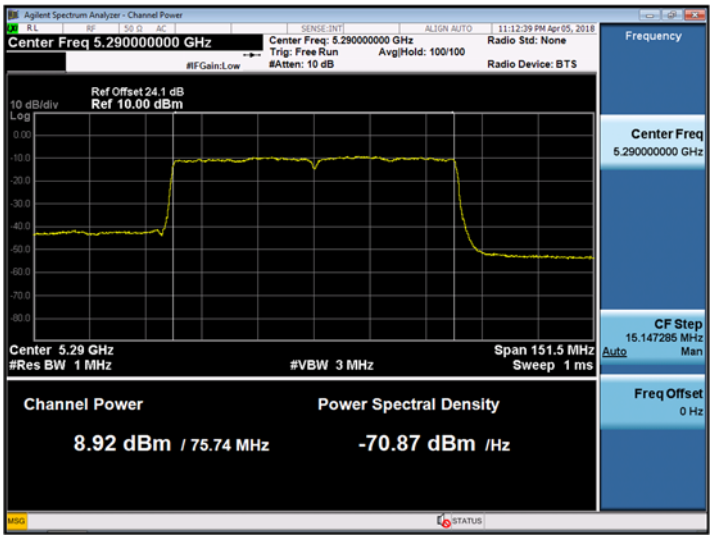
Conducted Output Power Measurements (802.11ac_VHT160)

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	10.84	0.47	11.31	27.98
		1	10.40	0.77	11.17	27.98
		2	10.21	0.99	11.20	27.98
		3	10.09	1.15	11.24	27.98
		4	9.75	1.40	11.15	27.98
		5	9.63	1.52	11.15	27.98
		6	9.61	1.62	11.23	27.98
		7	9.56	1.62	11.18	27.98
		8	9.48	1.69	11.17	27.98
		9	9.45	1.81	11.26	27.98

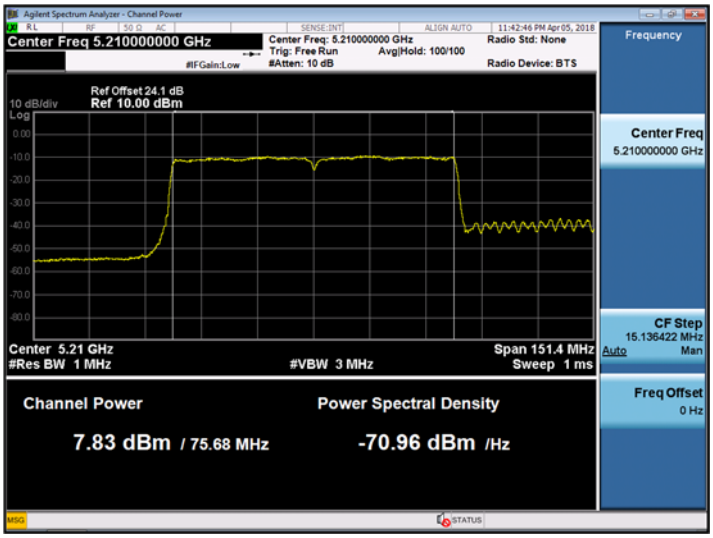
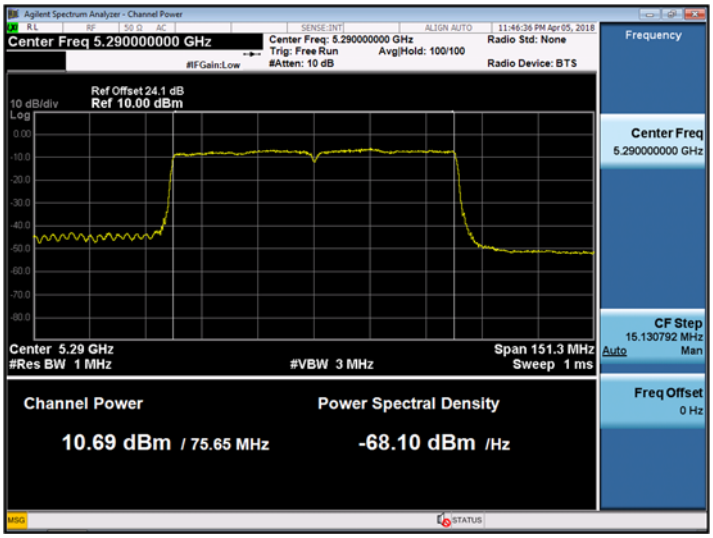
Conducted Output Power Measurements (802.11ac_VHT160)

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	12.86	0.47	13.33	21.96
		1	12.25	0.77	13.02	21.96
		2	12.09	0.99	13.08	21.96
		3	11.83	1.15	12.98	21.96
		4	11.45	1.40	12.85	21.96
		5	11.70	1.52	13.22	21.96
		6	11.56	1.62	13.18	21.96
		7	11.49	1.62	13.11	21.96
		8	11.51	1.69	13.20	21.96
		9	11.38	1.81	13.19	21.96

▣ TEST Plots Ant.0, 2 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5210 MHz) CH 42 MCS0	802.11ac_VHT160 Average Power (5290 MHz) CH 58 MCS0
	

▣ TEST Plots Ant.1, 3 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5210 MHz) CH 42 MCS0	802.11ac_VHT160 Average Power (5290 MHz) CH 58 MCS0
	

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	8.94	0.47	9.41	23.98
		1	8.36	0.77	9.13	23.98
		2	8.33	0.99	9.32	23.98
		3	8.10	1.15	9.24	23.98
		4	7.87	1.40	9.27	23.98
		5	7.83	1.52	9.36	23.98
		6	7.71	1.62	9.34	23.98
		7	7.75	1.62	9.37	23.98
		8	7.58	1.69	9.26	23.98
		9	7.51	1.81	9.33	23.98
5610	122	0	8.58	0.47	9.05	23.98
		1	8.18	0.77	8.95	23.98
		2	7.82	0.99	8.81	23.98
		3	7.79	1.15	8.94	23.98
		4	7.57	1.40	8.97	23.98
		5	7.32	1.52	8.84	23.98
		6	7.28	1.62	8.91	23.98
		7	7.26	1.62	8.89	23.98
		8	7.35	1.69	9.04	23.98
		9	7.11	1.81	8.93	23.98

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	9.36	0.47	9.83	23.98
		1	8.75	0.77	9.53	23.98
		2	8.63	0.99	9.62	23.98
		3	8.35	1.15	9.50	23.98
		4	8.16	1.40	9.56	23.98
		5	8.19	1.52	9.72	23.98
		6	8.01	1.62	9.63	23.98
		7	7.93	1.62	9.56	23.98
		8	7.83	1.69	9.52	23.98
		9	7.78	1.81	9.59	23.98
5610	122	0	10.55	0.47	11.02	23.98
		1	10.06	0.77	10.84	23.98
		2	10.02	0.99	11.01	23.98
		3	9.86	1.15	11.01	23.98
		4	9.31	1.40	10.71	23.98
		5	9.41	1.52	10.94	23.98
		6	9.39	1.62	11.01	23.98
		7	9.37	1.62	10.99	23.98
		8	9.32	1.69	11.01	23.98
		9	9.14	1.81	10.96	23.98

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

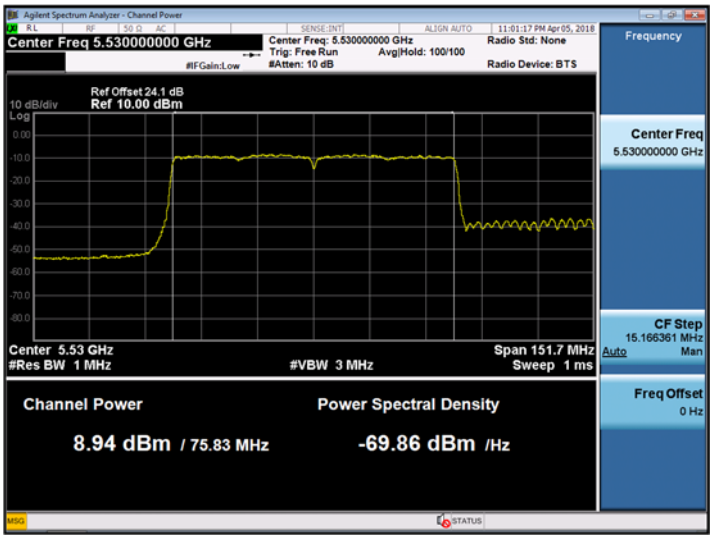
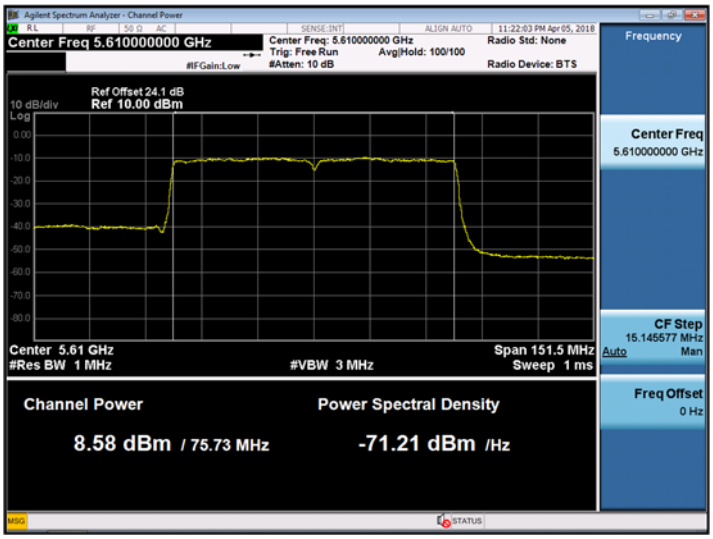
Conducted Output Power Measurements (802.11ac_VHT160)

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	12.16	0.47	12.63	21.96
		1	11.57	0.77	12.34	21.96
		2	11.49	0.99	12.48	21.96
		3	11.24	1.15	12.39	21.96
		4	11.03	1.40	12.43	21.96
		5	11.02	1.52	12.54	21.96
		6	10.87	1.62	12.49	21.96
		7	10.85	1.62	12.47	21.96
		8	10.72	1.69	12.41	21.96
		9	10.66	1.81	12.47	21.96

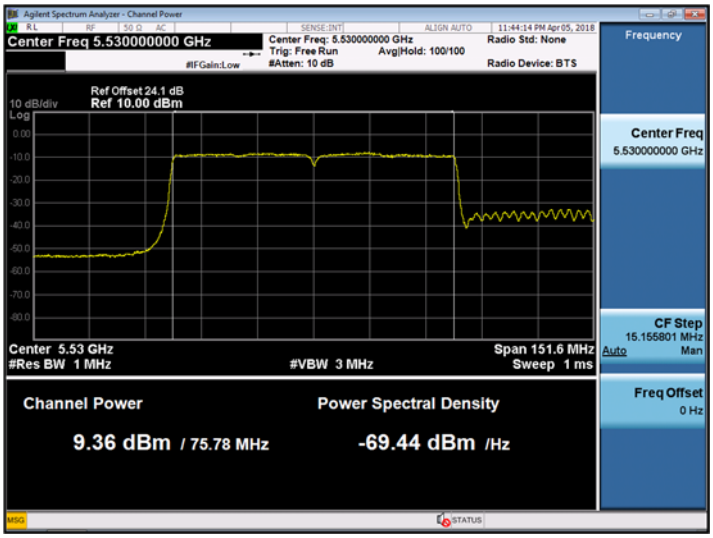
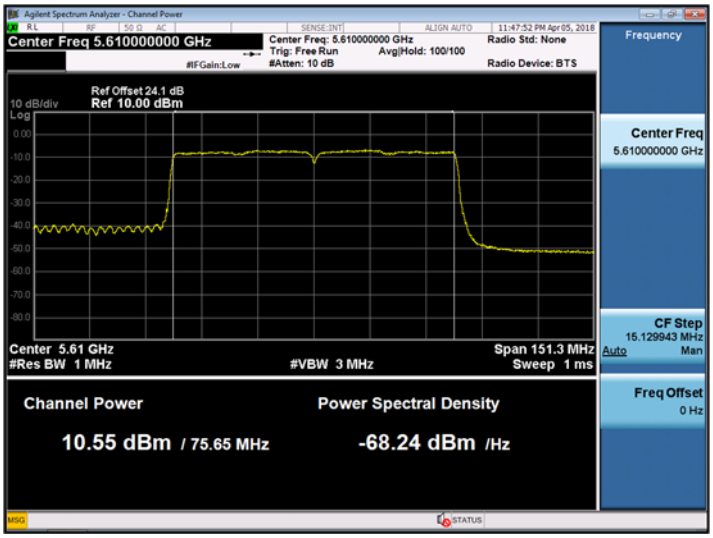
Conducted Output Power Measurements (802.11ac_VHT160)

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	12.63	0.47	13.10	21.96
		1	12.18	0.77	12.95	21.96
		2	12.00	0.99	12.99	21.96
		3	11.90	1.15	13.05	21.96
		4	11.49	1.40	12.89	21.96
		5	11.44	1.52	12.96	21.96
		6	11.41	1.62	13.03	21.96
		7	11.39	1.62	13.01	21.96
		8	11.40	1.69	13.09	21.96
		9	11.19	1.81	13.00	21.96

▣ TEST Plots Ant.0, 2 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5530 MHz) CH 106 MCS0	802.11ac_VHT160 Average Power (5610 MHz) CH 122 MCS0
	

▣ TEST Plots Ant.1, 3 for 802.11ac_VHT160

802.11ac_VHT160 Average Power (5530 MHz) CH 106 MCS0	802.11ac_VHT160 Average Power (5610 MHz) CH 122 MCS0
	

▣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	11.50	0.222	11.72	22.62
802.11n			11.66	0.218	11.88	22.60
802.11ac			11.54	0.065	11.60	22.62

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	5.50	0.222	5.73	24.29
802.11n			6.15	0.218	6.37	24.35
802.11ac			5.99	0.065	6.05	24.29