

**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	14.72	N/A	Pass
802.11n			14.96	N/A	Pass
802.11ac			14.96	N/A	Pass

**Conducted Bandwidth Measurements for 802.11a/n\_HT20/ac\_VHT20 (UNII 3 Band)**

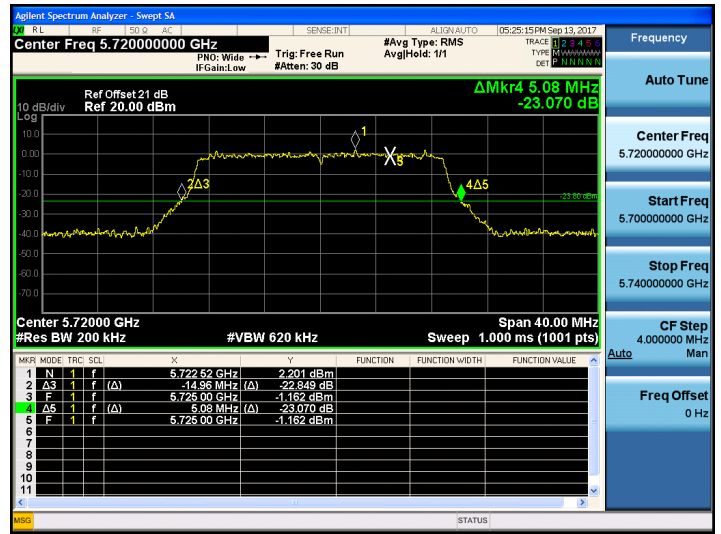
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720	144	4.56	N/A	Pass
802.11n			5.08	N/A	Pass
802.11ac			5.16	N/A	Pass

**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

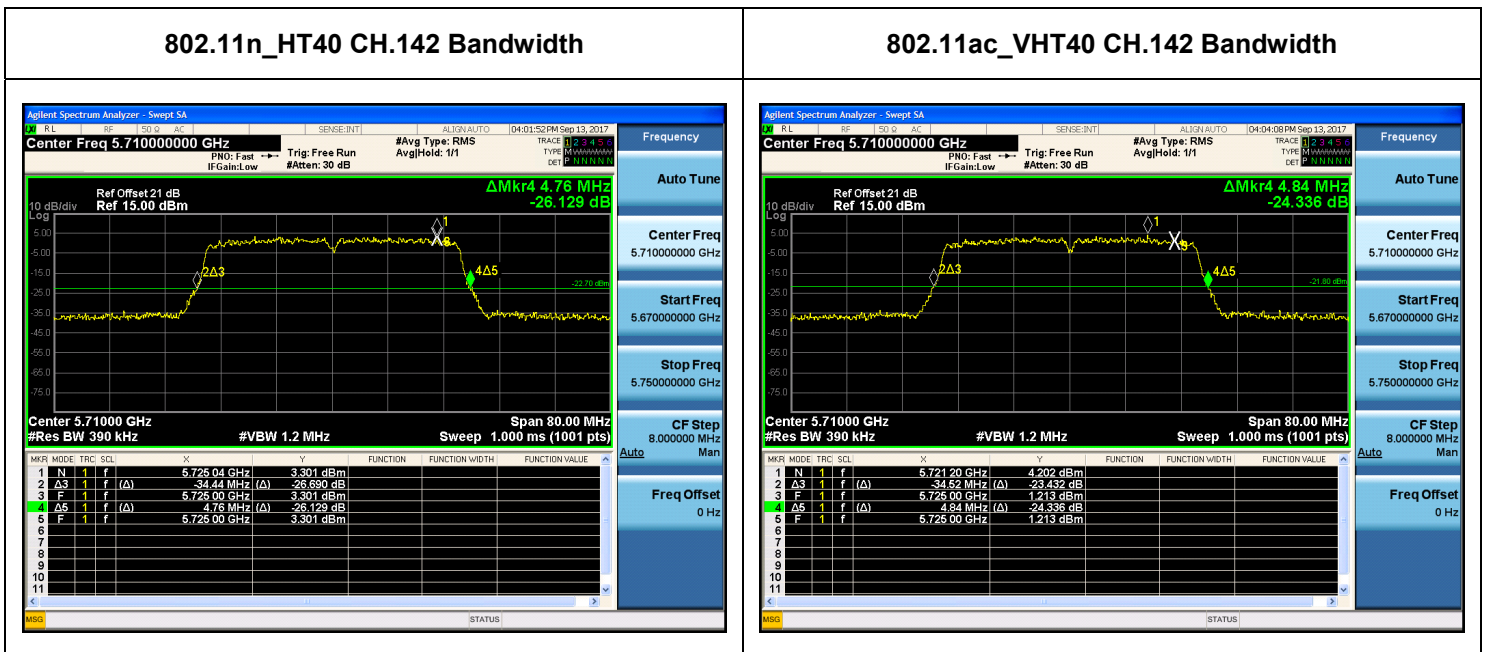
#### Conducted Bandwidth Measurements for 802.11n\_HT40/ac\_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.44	N/A	Pass
802.11ac			34.52	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	4.76	N/A	Pass
802.11ac			4.84	N/A	Pass

### Straddle channels TEST Plot for 802.11n\_HT40/ac\_VHT40\_Ant 0



### Straddle channels TEST RESULTS\_Ant 1

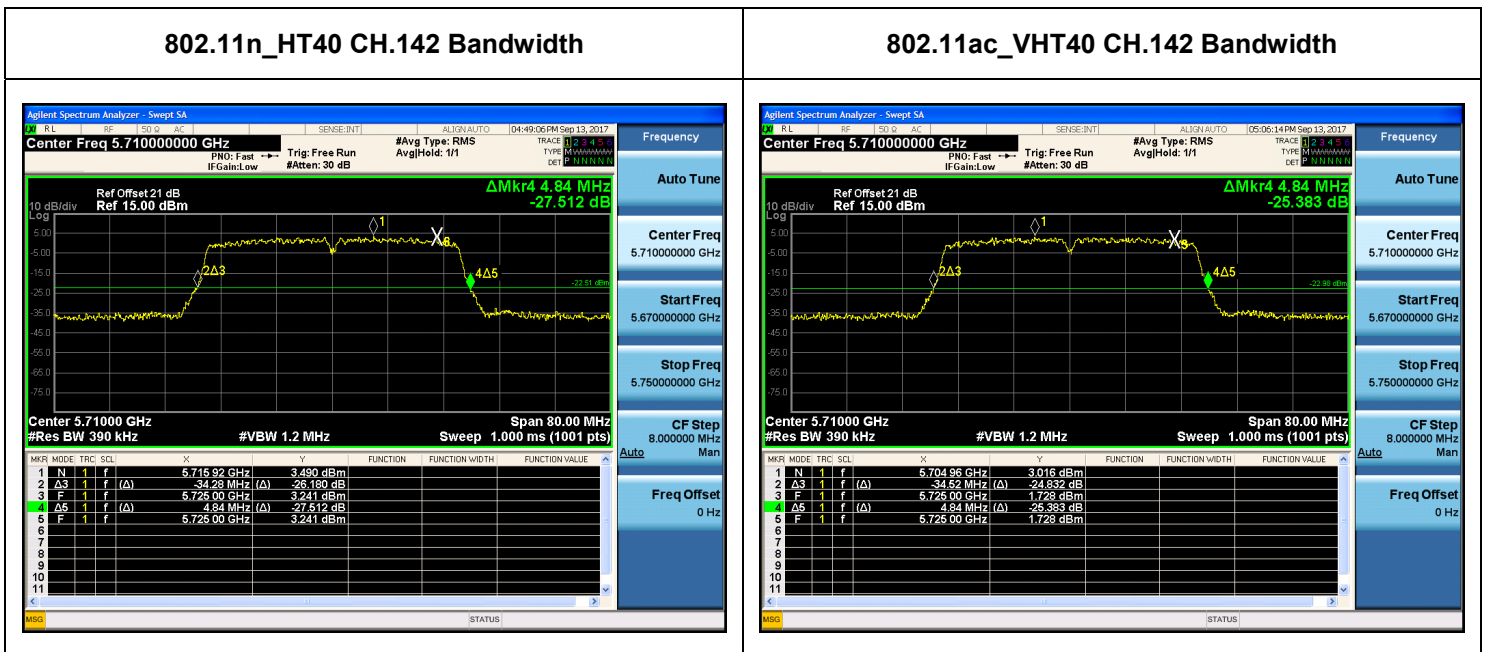
#### Conducted Bandwidth Measurements for 802.11n\_HT40/ac\_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.28	N/A	Pass
802.11ac			34.52	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	4.84	N/A	Pass
802.11ac			4.84	N/A	Pass

### Straddle channels TEST Plot for 802.11n\_HT40/ac\_VHT40\_Ant 1



### Straddle channels TEST RESULTS\_Ant 2

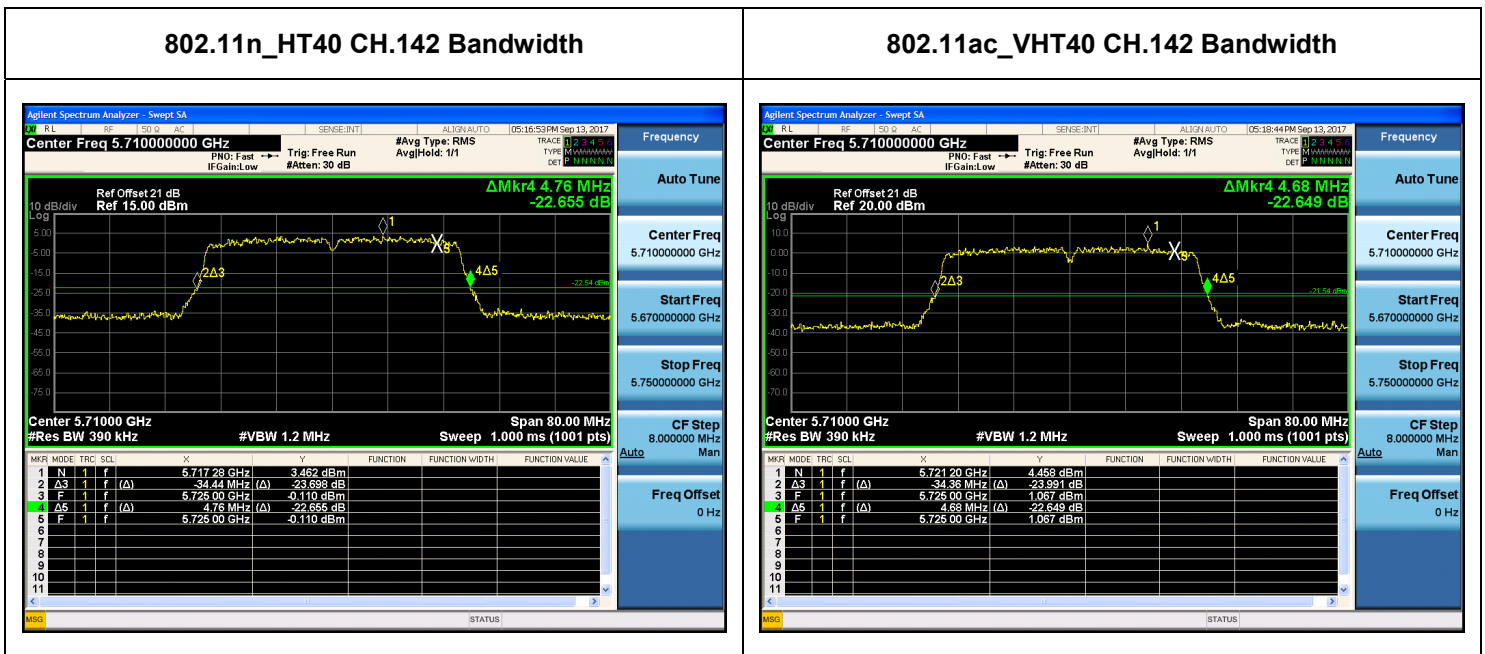
#### Conducted Bandwidth Measurements for 802.11n\_HT40/ac\_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.44	N/A	Pass
802.11ac			34.36	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	4.76	N/A	Pass
802.11ac			4.68	N/A	Pass

### Straddle channels TEST Plot for 802.11n\_HT40/ac\_VHT40\_Ant 2



### Straddle channels TEST RESULTS\_Ant 3

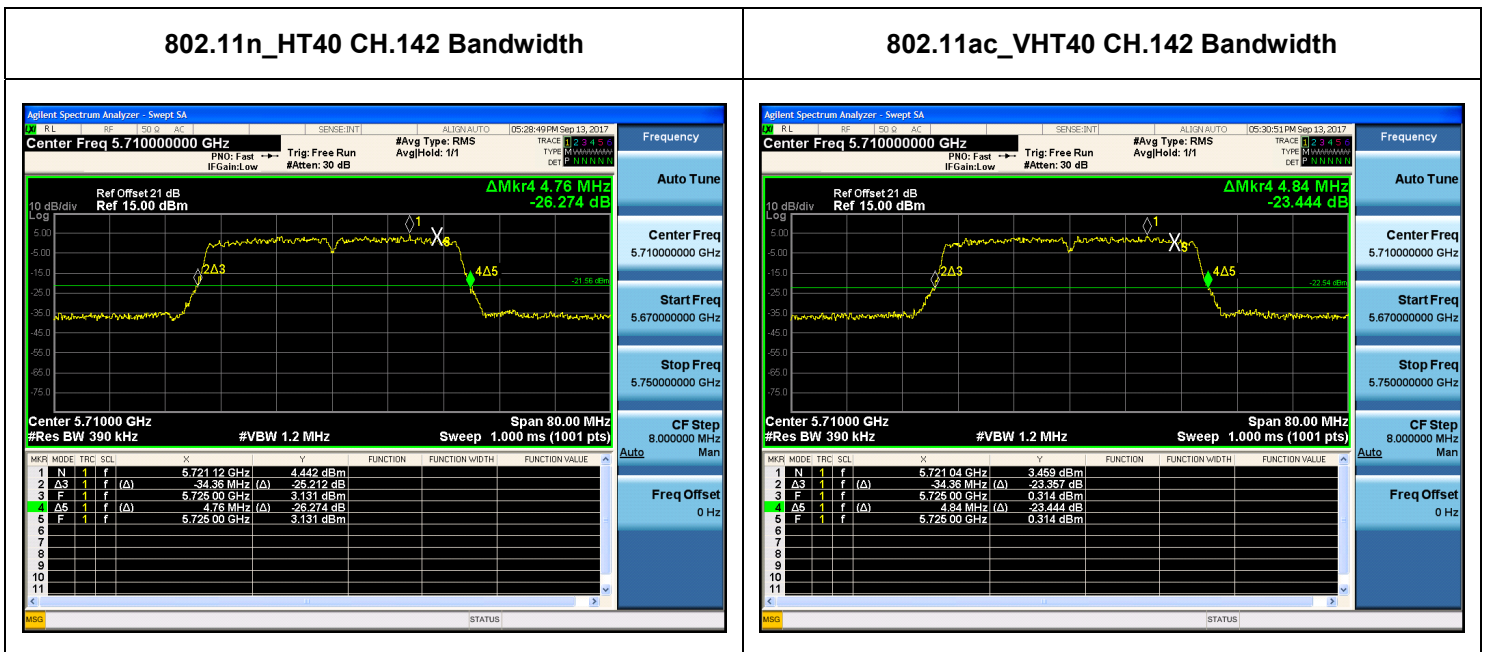
#### Conducted Bandwidth Measurements for 802.11n\_HT40/ac\_VHT40 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11n	5710	142	34.36	N/A	Pass
802.11ac			34.36	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	4.76	N/A	Pass
802.11ac			4.84	N/A	Pass

### Straddle channels TEST Plot for 802.11n\_HT40/ac\_VHT40\_Ant 3



**Straddle channels TEST RESULTS\_Ant 0**

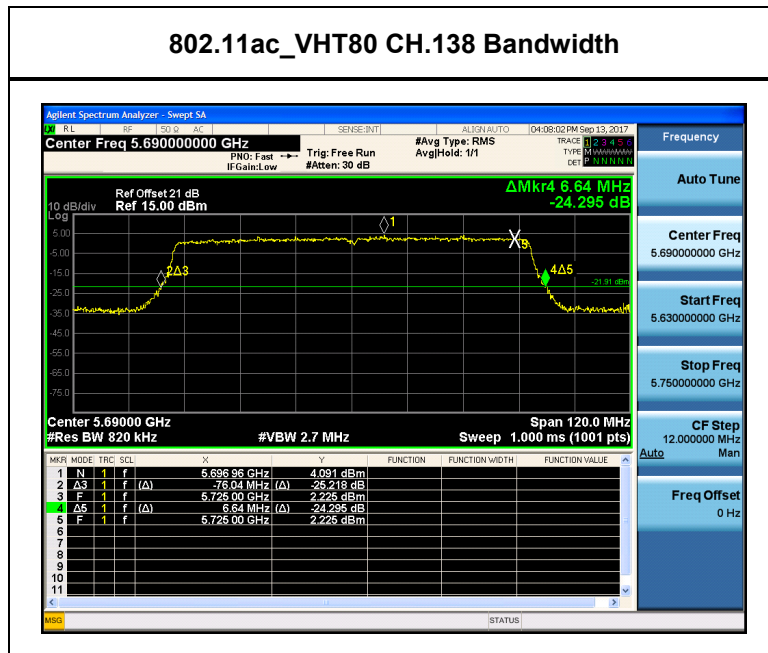
**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 2C Band)**

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	76.04	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	6.64	N/A	Pass

**Straddle channels TEST Plot for 802.11ac\_VHT80\_Ant 0**



**Straddle channels TEST RESULTS\_Ant 1**

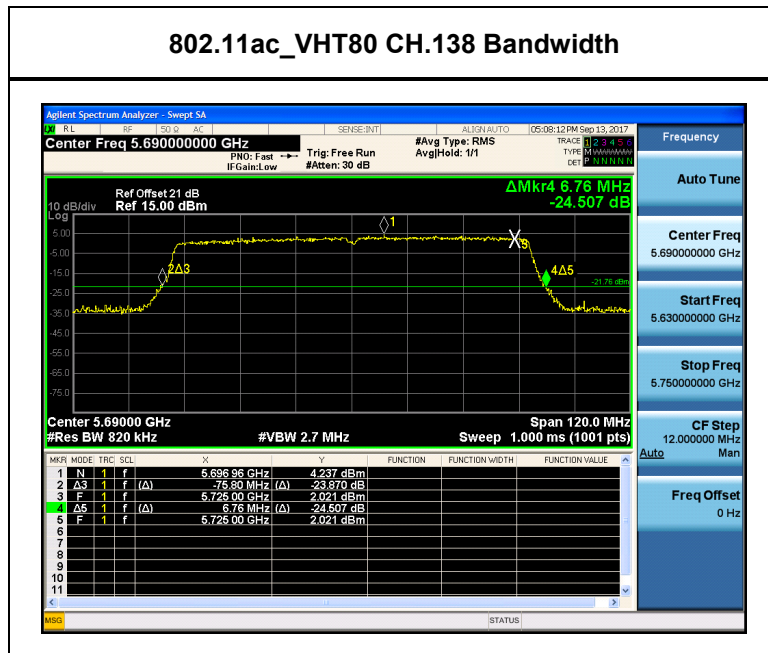
**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 2C Band)**

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

**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 3 Band)**

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.76	N/A	Pass

**Straddle channels TEST Plot for 802.11ac\_VHT80\_Ant 1**



**Straddle channels TEST RESULTS\_Ant 2**

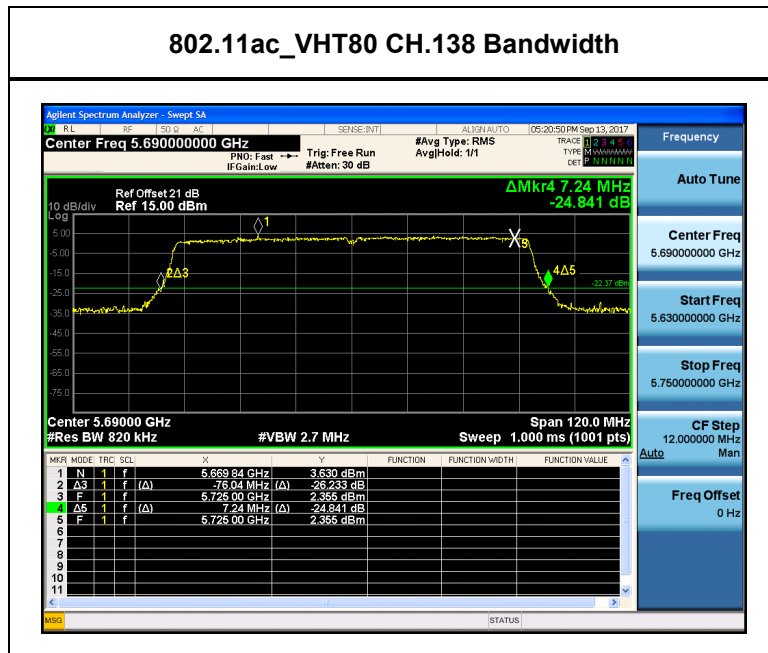
**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 2C Band)**

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	76.04	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	7.24	N/A	Pass

**Straddle channels TEST Plot for 802.11ac\_VHT80\_Ant 2**



**Straddle channels TEST RESULTS\_Ant 3**

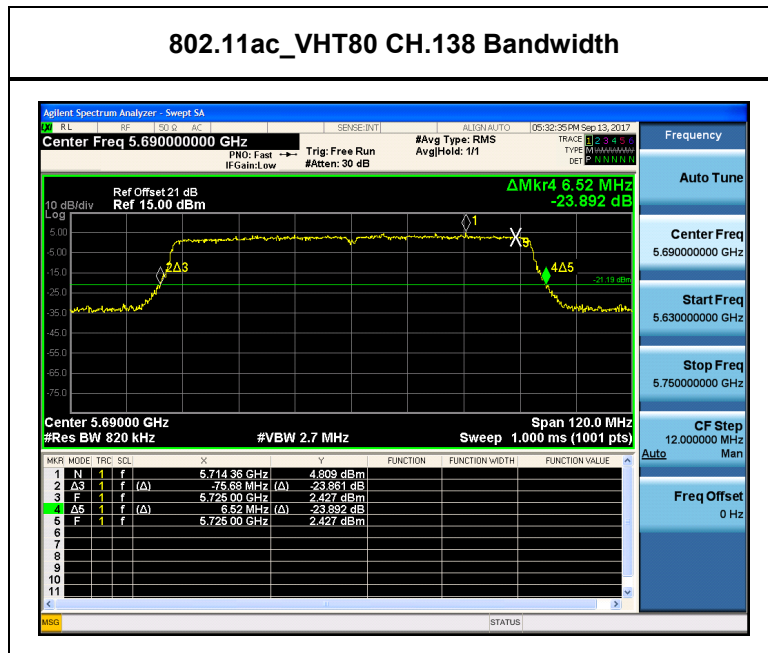
**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 2C Band)**

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

**Conducted Bandwidth Measurements for 802.11ac\_VHT80 (UNII 3 Band)**

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11ac	5690	138	6.52	N/A	Pass

**Straddle channels TEST Plot for 802.11ac\_VHT80\_Ant 3**



### 9.3 OUTPUT POWER MEASUREMENT

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

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

#### Limit

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

#### Maximum Conducted Output Power (OMNI)

Operating Mode	Band	Mode	Operating Ant.	Ant. Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	Ant 0	1.2	30.00
			Ant 1	-0.2	30.00
			Ant 2	1.5	30.00
			Ant 3	1.8	30.00
	UNII 2A		Ant 0	1.2	23.98
			Ant 1	0.7	23.98
			Ant 2	1.7	23.98
			Ant 3	2.0	23.98
	UNII 2C		Ant 0	1.9	23.98
			Ant 1	-0.5	23.98
			Ant 2	0.5	23.98
			Ant 3	2.3	23.98
	UNII 3		Ant 0	3.4	30.00
			Ant 1	1.7	30.00
			Ant 2	1.0	30.00
			Ant 3	3.8	30.00
MIMO	UNII 1	802.11a/n/ac	Ant 0 & 1 & 2 & 3	7.13	28.87
	UNII 2A			7.43	22.57
	UNII 2C			7.14	22.86
	UNII 3			8.57	27.43

Maximum Conducted Output Power (Directional)

Operating Mode	Band	Mode	Operating Ant.	Ant. Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	Ant 0	2.5	30.00
			Ant 1	2.8	30.00
			Ant 2	3.1	30.00
			Ant 3	3.7	30.00
	UNII 2A		Ant 0	3.4	23.98
			Ant 1	2.8	23.98
			Ant 2	3.8	23.98
			Ant 3	3.6	23.98
	UNII 2C		Ant 0	4.0	23.98
			Ant 1	2.4	23.98
			Ant 2	2.5	23.98
			Ant 3	3.7	23.98
	UNII 3		Ant 0	5.0	30.00
			Ant 1	2.4	30.00
			Ant 2	3.3	30.00
			Ant 3	4.7	30.00
MIMO	UNII 1	802.11a/n/ac	Ant 0 & 1 & 2 & 3	9.06	26.94
	UNII 2A			9.43	20.57
	UNII 2C			9.20	20.80
	UNII 3			9.93	26.07

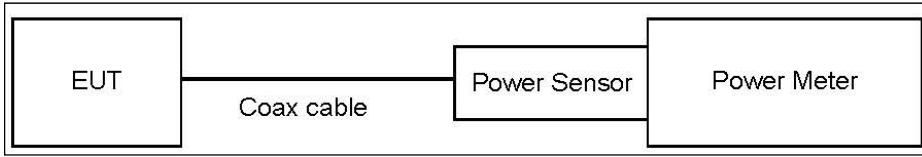
Note : 1. If all antenna gains are not equal,

$$\text{Directional gain} = 10 \cdot \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N] \text{ dBi (802.11a/n/ac)}$$

(according to KDB662911 D01 v02r01)

2. Limit is calculated by antenna gain.
3. The limits of maximum conducted power were applied the antenna gain. Therefore, if conducted power is pass, e.i.r.p. is also pass. So, we attached only conducted power table.
4. This EUT is supported the 1Tx~4Tx. Because worst case is 4Tx summation power, so we attached only the results for 1Tx single power and 4Tx summation conducted power.

**TEST CONFIGURATION(20 MHz BW)**



**TEST PROCEDURE(20 MHz BW)**

- Average Power (Procedure E.3.a in KDB 789033 D02 v01r04).
  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 Ant.0 and Ant.1 respectively.  
 The offset of the 5 GHz band on OMNI is 12.1dB.  
 The offset of the 5 GHz band on DIRECTIONAL is 21 dB.  
 Actual value of loss for the attenuator and cable combination is below table.

ANT	Band	Loss(dB)
OMNI	5 GHz	12.1
DIRECTIONAL		21

(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)**

OMNI

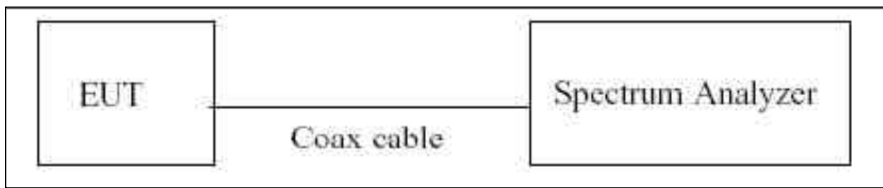
Output Power = Reading Value + ATT loss + Cable loss(1 ea) + Duty Cycle Factor

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

DIRECTIONAL

Output Power = Reading Value + ATT loss + Cable loss(2 ea) + Duty Cycle Factor

Ex) Output Power = 10 dBm + 20 dB + 2.05 dB + 0.2 dB = 31.7 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 v01r04.

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  $\geq$  3 MHz.
5. Number of points in sweep  $\geq$  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  $10\log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

**Sample Calculation (Conducted)**

OMNI

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

DIRECTIONAL

Output Power = Reading Value + ATT loss + Cable loss(2 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 Ant.0 and Ant.1 respectively.

The offset of the 5 GHz band on Ant.0 is 21.17dB.

The offset of the 5 GHz band on Ant.1 is 22.05 dB.

Actual value of loss for the attenuator and cable combination is below table.

ANT	Band	Loss(dB)
OMNI	5 GHz	12.1
DIRECTIONAL		21

(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 at above 500 mW (27dBm) EIRP. This UNII device comply the FCC TPC requirement.

#### OMNI

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	8.28	8.41	7.87	8.11	14.19
	802.11n	20	5260 – 5320	8.16	8.37	7.80	8.10	14.13
	802.11n	40	5270 – 5310	9.43	9.56	9.13	9.23	15.36
	802.11ac	20	5260 – 5320	8.22	8.36	7.80	8.09	14.14
	802.11ac	40	5270 – 5310	9.36	9.57	9.20	9.23	15.36
	802.11ac	80	5290	3.63	3.39	3.26	3.53	9.47
	802.11ac	160	5250	8.83		7.31		11.11
UNII2C	802.11a	20	5500 – 5720	8.67	8.6	8.6	8.68	14.66
	802.11n	20	5500 – 5720	8.98	8.75	8.66	9.10	14.89
	802.11n	40	5510 – 5710	9.28	8.94	8.79	9.28	15.10
	802.11ac	20	5500 – 5720	9.11	8.76	8.66	9.08	14.93
	802.11ac	40	5510 – 5710	9.36	8.89	9.01	9.31	15.17
	802.11ac	80	5530 – 5690	9.08	8.97	9.18	9.44	15.19
	802.11ac	160	5570	8.01		8.43		11.23

#### OMNI

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

**UNII2A : 15.36 dBm + 7.43 dBi = 22.79 dBm**

**UNII2C : 15.19 dBm + 7.14 dBi = 22.33 dBm**

**DIRECTIONAL**

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	6.21	6.5	6.35	6.67	12.45
	802.11n	20	5260 – 5320	6.26	6.55	6.39	6.68	12.49
	802.11n	40	5270 – 5310	7.63	7.59	7.70	7.19	13.55
	802.11ac	20	5260 – 5320	6.19	6.65	6.37	6.68	12.50
	802.11ac	40	5270 – 5310	7.66	7.59	6.92	7.74	13.50
	802.11ac	80	5290	0.75	0.66	0.71	0.66	6.72
	802.11ac	160	5250	7.08		7.42		10.26
UNII2C	802.11a	20	5500 – 5720	6.86	6.68	7.06	7.20	12.98
	802.11n	20	5500 – 5720	7.46	7.21	7.61	7.74	13.53
	802.11n	40	5510 – 5710	8.21	7.85	8.04	8.11	14.07
	802.11ac	20	5500 – 5720	7.43	7.21	7.61	7.74	13.52
	802.11ac	40	5510 – 5710	8.18	6.81	7.99	7.98	13.78
	802.11ac	80	5530 – 5690	8.21	7.96	7.95	8.75	14.24
	802.11ac	160	5570	7.17		7.64		10.42

**DIRECTIONAL**

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

**UNII2A : 13.55 dBm + 9.43 dBi = 22.98 dBm**

**UNII2C : 14.24 dBm + 9.20 dBi = 23.44 dBm**

**9.3.2 Measurement of emission at elevation angle higher than 30 degrees from horizon**

In addition to the emission limits specified in 15.407(a)(1)(i), if the access point is an outdoor Point-to-Multipoint device operating in the band 5.15 – 5.25 GHz, the rules require that the maximum EIRP at any elevation angle above 30 degrees not exceed 125 mW(21 dBm) as measured from the horizon.

**OMNI**

Maximum Radiation Power(Worst dgree) + (AN+CL-Amp G+D.F) =

**112.65 dBuV + 3.23 dB = 115.88 dBuV**

**=> 115.88 dBuV - 95.2 = 20.68 dBm**

**DIRECTIONAL**

Maximum Radiation Power(Worst dgree) + (AN+CL-Amp G+D.F) =

**112.91 dBuV + 3.23 dB = 116.14 dBuV**

**=> 116.14 dBuV - 95.2 = 20.94 dBm**



[Omni]

Ant.0

802.11a (UNII 1)

**TEST RESULTS**

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

802.11a(20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	15.38	0.13	15.51	23.98
		9	15.33	0.20	15.53	23.98
		12	14.78	0.28	15.06	23.98
		18	15.08	0.39	15.46	23.98
		24	15.04	0.49	15.53	23.98
		36	14.42	0.75	15.17	23.98
		48	14.44	0.90	15.34	23.98
		54	14.27	1.02	15.29	23.98
5200	40	6	15.41	0.13	15.55	23.98
		9	15.15	0.20	15.36	23.98
		12	14.80	0.28	15.08	23.98
		18	14.98	0.39	15.37	23.98
		24	14.87	0.49	15.36	23.98
		36	14.22	0.75	14.97	23.98
		48	14.22	0.90	15.11	23.98
		54	14.04	1.02	15.06	23.98
5240	48	6	15.11	0.13	15.24	23.98
		9	15.15	0.20	15.35	23.98
		12	14.56	0.28	14.85	23.98
		18	14.84	0.39	15.23	23.98
		24	14.78	0.49	15.28	23.98
		36	14.32	0.75	15.07	23.98
		48	14.17	0.90	15.07	23.98
		54	13.98	1.02	15.00	23.98

**Ant.1**

**802.11a (UNII 1)**

**TEST RESULTS**

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

802.11a(20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	15.49	0.14	15.64	23.98
		9	15.38	0.20	15.58	23.98
		12	14.82	0.28	15.11	23.98
		18	15.16	0.39	15.55	23.98
		24	15.01	0.48	15.49	23.98
		36	14.43	0.75	15.18	23.98
		48	14.37	0.89	15.26	23.98
		54	14.27	1.03	15.29	23.98
5200	40	6	15.42	0.14	15.56	23.98
		9	15.34	0.20	15.54	23.98
		12	14.75	0.28	15.03	23.98
		18	15.09	0.39	15.48	23.98
		24	15.01	0.48	15.50	23.98
		36	14.38	0.75	15.13	23.98
		48	14.34	0.89	15.23	23.98
		54	14.23	1.03	15.25	23.98
5240	48	6	15.29	0.14	15.44	23.98
		9	15.23	0.20	15.43	23.98
		12	14.61	0.28	14.90	23.98
		18	14.94	0.39	15.34	23.98
		24	14.89	0.48	15.38	23.98
		36	14.18	0.75	14.93	23.98
		48	14.18	0.89	15.07	23.98
		54	14.08	1.03	15.11	23.98

**Ant.2**

**802.11a (UNII 1)**

**TEST RESULTS**

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

802.11a(20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	15.97	0.13	16.11	23.98
		9	15.89	0.21	16.10	23.98
		12	15.25	0.28	15.53	23.98
		18	15.62	0.39	16.01	23.98
		24	15.55	0.48	16.03	23.98
		36	14.88	0.87	15.75	23.98
		48	14.88	0.96	15.83	23.98
		54	14.77	1.04	15.81	23.98
5200	40	6	15.78	0.13	15.92	23.98
		9	15.71	0.21	15.92	23.98
		12	15.18	0.28	15.47	23.98
		18	15.54	0.39	15.93	23.98
		24	15.40	0.48	15.88	23.98
		36	14.80	0.87	15.67	23.98
		48	14.80	0.96	15.76	23.98
		54	14.66	1.04	15.69	23.98
5240	48	6	15.32	0.13	15.46	23.98
		9	15.30	0.21	15.51	23.98
		12	14.71	0.28	14.99	23.98
		18	15.04	0.39	15.43	23.98
		24	14.90	0.48	15.38	23.98
		36	14.22	0.87	15.09	23.98
		48	14.27	0.96	15.23	23.98
		54	14.14	1.04	15.18	23.98

**Ant.3**

**802.11a (UNII 1)**

**TEST RESULTS**

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

802.11a(20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	6	15.27	0.14	15.42	23.98
		9	15.18	0.20	15.38	23.98
		12	14.67	0.28	14.94	23.98
		18	14.97	0.39	15.36	23.98
		24	14.88	0.49	15.38	23.98
		36	14.24	0.74	14.98	23.98
		48	14.22	0.90	15.12	23.98
		54	14.14	1.02	15.16	23.98
5200	40	6	15.23	0.14	15.38	23.98
		9	15.22	0.20	15.42	23.98
		12	14.72	0.28	15.00	23.98
		18	15.08	0.39	15.46	23.98
		24	14.98	0.49	15.47	23.98
		36	14.24	0.74	14.98	23.98
		48	14.23	0.90	15.12	23.98
		54	14.16	1.02	15.19	23.98
5240	48	6	15.04	0.14	15.19	23.98
		9	15.03	0.20	15.24	23.98
		12	14.50	0.28	14.77	23.98
		18	14.75	0.39	15.14	23.98
		24	14.67	0.49	15.16	23.98
		36	14.10	0.74	14.84	23.98
		48	14.11	0.90	15.01	23.98
		54	14.00	1.02	15.02	23.98

**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	21.69	28.87
		9	21.67	28.87
		12	21.18	28.87
		18	21.62	28.87
		24	21.63	28.87
		36	21.30	28.87
		48	21.41	28.87
		54	21.41	28.87
5200	40	6	21.63	28.87
		9	21.58	28.87
		12	21.17	28.87
		18	21.58	28.87
		24	21.58	28.87
		36	21.21	28.87
		48	21.33	28.87
		54	21.32	28.87
5240	48	6	21.35	28.87
		9	21.40	28.87
		12	20.90	28.87
		18	21.31	28.87
		24	21.32	28.87
		36	21.00	28.87
		48	21.12	28.87
		54	21.10	28.87

**Ant.0**

**802.11a (UNII 2A)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	13.85	0.13	13.99	23.98
		9	13.75	0.20	13.95	23.98
		12	13.17	0.28	13.45	23.98
		18	13.50	0.39	13.89	23.98
		24	13.39	0.49	13.88	23.98
		36	12.84	0.75	13.59	23.98
		48	12.80	0.90	13.70	23.98
		54	12.64	1.02	13.67	23.98
5300	60	6	13.90	0.13	14.04	23.98
		9	13.91	0.20	14.12	23.98
		12	13.28	0.28	13.56	23.98
		18	13.52	0.39	13.91	23.98
		24	13.46	0.49	13.96	23.98
		36	12.90	0.75	13.65	23.98
		48	12.90	0.90	13.80	23.98
		54	12.85	1.02	13.87	23.98
5320	64	6	13.82	0.13	13.96	23.98
		9	13.71	0.20	13.91	23.98
		12	13.17	0.28	13.45	23.98
		18	13.48	0.39	13.87	23.98
		24	13.38	0.49	13.88	23.98
		36	12.68	0.75	13.43	23.98
		48	12.67	0.90	13.57	23.98
		54	12.59	1.02	13.61	23.98

**Ant.1**

**802.11a (UNII 2A)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	13.72	0.14	13.87	23.98
		9	13.69	0.20	13.89	23.98
		12	13.16	0.28	13.44	23.98
		18	13.52	0.39	13.91	23.98
		24	13.37	0.48	13.85	23.98
		36	12.69	0.75	13.43	23.98
		48	12.71	0.89	13.61	23.98
		54	12.57	1.03	13.60	23.98
5300	60	6	13.90	0.14	14.05	23.98
		9	13.79	0.20	13.99	23.98
		12	13.22	0.28	13.50	23.98
		18	13.54	0.39	13.93	23.98
		24	13.47	0.48	13.95	23.98
		36	12.81	0.75	13.56	23.98
		48	12.81	0.89	13.70	23.98
		54	12.68	1.03	13.71	23.98
5320	64	6	13.99	0.14	14.14	23.98
		9	13.98	0.20	14.19	23.98
		12	13.35	0.28	13.63	23.98
		18	13.71	0.39	14.10	23.98
		24	13.57	0.48	14.05	23.98
		36	12.90	0.75	13.64	23.98
		48	12.84	0.89	13.73	23.98
		54	12.77	1.03	13.80	23.98

**Ant.2**

**802.11a (UNII 2A)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	13.93	0.13	14.06	23.98
		9	13.82	0.21	14.03	23.98
		12	13.25	0.28	13.53	23.98
		18	13.56	0.39	13.95	23.98
		24	13.43	0.48	13.91	23.98
		36	12.83	0.87	13.70	23.98
		48	12.86	0.96	13.82	23.98
		54	12.76	1.04	13.80	23.98
5300	60	6	13.96	0.13	14.09	23.98
		9	13.91	0.21	14.12	23.98
		12	13.32	0.28	13.60	23.98
		18	13.64	0.39	14.03	23.98
		24	13.52	0.48	14.00	23.98
		36	12.87	0.87	13.74	23.98
		48	12.87	0.96	13.82	23.98
		54	12.79	1.04	13.83	23.98
5320	64	6	13.98	0.13	14.11	23.98
		9	13.86	0.21	14.07	23.98
		12	13.25	0.28	13.53	23.98
		18	13.56	0.39	13.95	23.98
		24	13.48	0.48	13.96	23.98
		36	12.95	0.87	13.82	23.98
		48	12.99	0.96	13.94	23.98
		54	12.77	1.04	13.81	23.98

**Ant.3**

**802.11a (UNII 2A)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	6	13.72	0.14	13.87	23.98
		9	13.59	0.20	13.79	23.98
		12	13.13	0.28	13.40	23.98
		18	13.46	0.39	13.85	23.98
		24	13.29	0.49	13.79	23.98
		36	12.77	0.74	13.51	23.98
		48	12.72	0.90	13.62	23.98
		54	12.65	1.02	13.67	23.98
5300	60	6	13.86	0.14	14.00	23.98
		9	13.78	0.20	13.98	23.98
		12	13.25	0.28	13.53	23.98
		18	13.65	0.39	14.04	23.98
		24	13.52	0.49	14.02	23.98
		36	12.91	0.74	13.65	23.98
		48	12.86	0.90	13.76	23.98
		54	12.80	1.02	13.82	23.98
5320	64	6	13.98	0.14	14.12	23.98
		9	13.96	0.20	14.16	23.98
		12	13.33	0.28	13.61	23.98
		18	13.69	0.39	14.08	23.98
		24	13.52	0.49	14.01	23.98
		36	12.92	0.74	13.66	23.98
		48	12.87	0.90	13.77	23.98
		54	12.78	1.02	13.80	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	19.97	22.57
		9	19.94	22.57
		12	19.48	22.57
		18	19.92	22.57
		24	19.88	22.57
		36	19.58	22.57
		48	19.71	22.57
		54	19.71	22.57
5300	60	6	20.07	22.57
		9	20.07	22.57
		12	19.57	22.57
		18	20.00	22.57
		24	20.00	22.57
		36	19.67	22.57
		48	19.79	22.57
		54	19.83	22.57
5320	64	6	20.10	22.57
		9	20.10	22.57
		12	19.58	22.57
		18	20.02	22.57
		24	20.00	22.57
		36	19.66	22.57
		48	19.77	22.57
		54	19.78	22.57

**Ant.0**

**802.11a (UNII 2C)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	14.21	0.13	14.35	23.98
		9	14.21	0.20	14.41	23.98
		12	13.53	0.28	13.81	23.98
		18	13.83	0.39	14.22	23.98
		24	13.74	0.49	14.23	23.98
		36	13.20	0.75	13.95	23.98
		48	13.20	0.90	14.10	23.98
		54	13.09	1.02	14.11	23.98
5600	120	6	14.27	0.13	14.40	23.98
		9	14.18	0.20	14.39	23.98
		12	13.62	0.28	13.90	23.98
		18	14.02	0.39	14.40	23.98
		24	13.90	0.49	14.40	23.98
		36	13.17	0.75	13.92	23.98
		48	13.22	0.90	14.11	23.98
		54	13.09	1.02	14.11	23.98
5720	144	6	14.23	0.13	14.36	23.98
		9	14.21	0.20	14.41	23.98
		12	13.63	0.28	13.91	23.98
		18	14.02	0.39	14.41	23.98
		24	13.89	0.49	14.39	23.98
		36	13.30	0.75	14.05	23.98
		48	13.29	0.90	14.18	23.98
		54	13.19	1.02	14.22	23.98

**Ant.1**

**802.11a (UNII 2C)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	14.12	0.14	14.26	23.98
		9	14.10	0.20	14.30	23.98
		12	13.54	0.28	13.83	23.98
		18	13.89	0.39	14.29	23.98
		24	13.80	0.48	14.28	23.98
		36	13.13	0.75	13.87	23.98
		48	13.12	0.89	14.01	23.98
		54	13.07	1.03	14.09	23.98
5600	120	6	14.40	0.14	14.54	23.98
		9	14.34	0.20	14.54	23.98
		12	13.81	0.28	14.09	23.98
		18	14.11	0.39	14.50	23.98
		24	13.96	0.48	14.44	23.98
		36	13.36	0.75	14.10	23.98
		48	13.30	0.89	14.19	23.98
		54	13.19	1.03	14.22	23.98
5720	144	6	14.02	0.14	14.17	23.98
		9	13.99	0.20	14.19	23.98
		12	13.37	0.28	13.65	23.98
		18	13.73	0.39	14.12	23.98
		24	13.66	0.48	14.14	23.98
		36	13.06	0.75	13.80	23.98
		48	12.98	0.89	13.87	23.98
		54	12.87	1.03	13.90	23.98

**Ant.2**

**802.11a (UNII 2C)**

**TEST RESULTS**

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

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	14.33	0.13	14.46	23.98
		9	14.26	0.21	14.47	23.98
		12	13.75	0.28	14.03	23.98
		18	13.92	0.39	14.31	23.98
		24	13.92	0.48	14.40	23.98
		36	13.28	0.87	14.15	23.98
		48	13.27	0.96	14.22	23.98
		54	13.17	1.04	14.20	23.98
5600	120	6	14.58	0.13	14.71	23.98
		9	14.46	0.21	14.66	23.98
		12	13.88	0.28	14.17	23.98
		18	14.27	0.39	14.66	23.98
		24	14.09	0.48	14.57	23.98
		36	13.54	0.87	14.41	23.98
		48	13.49	0.96	14.44	23.98
		54	13.41	1.04	14.45	23.98
5720	144	6	14.35	0.13	14.49	23.98
		9	14.33	0.21	14.54	23.98
		12	13.75	0.28	14.03	23.98
		18	14.09	0.39	14.49	23.98
		24	13.96	0.48	14.44	23.98
		36	13.34	0.87	14.21	23.98
		48	13.40	0.96	14.35	23.98
		54	13.14	1.04	14.18	23.98

**Ant.3**
**802.11a (UNII 2C)**
**TEST RESULTS**
**Conducted Output Power Measurements (802.11a Mode: 5500~5720)**

802.11a Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	6	14.39	0.14	14.53	23.98
		9	14.26	0.20	14.46	23.98
		12	13.64	0.28	13.92	23.98
		18	13.91	0.39	14.30	23.98
		24	13.88	0.49	14.38	23.98
		36	13.17	0.74	13.91	23.98
		48	13.18	0.90	14.07	23.98
		54	13.00	1.02	14.02	23.98
5600	120	6	14.53	0.14	14.68	23.98
		9	14.48	0.20	14.68	23.98
		12	13.86	0.28	14.14	23.98
		18	14.22	0.39	14.61	23.98
		24	14.10	0.49	14.60	23.98
		36	13.40	0.74	14.14	23.98
		48	13.46	0.90	14.36	23.98
		54	13.40	1.02	14.42	23.98
5720	144	6	14.33	0.14	14.47	23.98
		9	14.25	0.20	14.46	23.98
		12	13.62	0.28	13.89	23.98
		18	14.01	0.39	14.40	23.98
		24	13.87	0.49	14.36	23.98
		36	13.28	0.74	14.02	23.98
		48	13.26	0.90	14.16	23.98
		54	13.11	1.02	14.13	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	20.42	22.86
		9	20.43	22.86
		12	19.92	22.86
		18	20.30	22.86
		24	20.34	22.86
		36	19.99	22.86
		48	20.12	22.86
		54	20.13	22.86
5600	120	6	20.60	22.86
		9	20.59	22.86
		12	20.10	22.86
		18	20.56	22.86
		24	20.52	22.86
		36	20.16	22.86
		48	20.30	22.86
		54	20.32	22.86
5720	144	6	20.39	22.86
		9	20.42	22.86
		12	19.89	22.86
		18	20.38	22.86
		24	20.35	22.86
		36	20.04	22.86
		48	20.16	22.86
		54	20.13	22.86

**Ant.0**

**802.11a (UNII 3)**

**TEST RESULTS**

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

802.11a (20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	15.38	0.13	15.51	30
		9	15.36	0.20	15.56	30
		12	14.85	0.28	15.13	30
		18	15.17	0.39	15.56	30
		24	15.06	0.49	15.56	30
		36	14.40	0.75	15.15	30
		48	14.49	0.90	15.38	30
		54	14.30	1.02	15.33	30
5785	157	6	15.39	0.13	15.52	30
		9	15.37	0.20	15.57	30
		12	14.78	0.28	15.06	30
		18	15.09	0.39	15.48	30
		24	15.04	0.49	15.53	30
		36	14.36	0.75	15.11	30
		48	14.44	0.90	15.34	30
		54	14.37	1.02	15.39	30
5825	165	6	15.29	0.13	15.43	30
		9	15.21	0.20	15.41	30
		12	14.68	0.28	14.96	30
		18	14.99	0.39	15.37	30
		24	14.89	0.49	15.38	30
		36	14.31	0.75	15.06	30
		48	14.27	0.90	15.17	30
		54	14.10	1.02	15.12	30

**Ant.1**

**802.11a (UNII 3)**

**TEST RESULTS**

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

802.11a (20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	15.13	0.14	15.28	30
		9	15.05	0.20	15.25	30
		12	14.51	0.28	14.79	30
		18	14.87	0.39	15.26	30
		24	14.76	0.48	15.24	30
		36	14.15	0.75	14.90	30
		48	14.09	0.89	14.98	30
		54	13.95	1.03	14.98	30
5785	157	6	15.19	0.14	15.33	30
		9	15.17	0.20	15.37	30
		12	14.60	0.28	14.88	30
		18	14.90	0.39	15.29	30
		24	14.79	0.48	15.27	30
		36	14.11	0.75	14.86	30
		48	14.13	0.89	15.02	30
		54	14.02	1.03	15.04	30
5825	165	6	15.43	0.14	15.57	30
		9	15.35	0.20	15.55	30
		12	14.68	0.28	14.96	30
		18	14.99	0.39	15.39	30
		24	14.84	0.48	15.32	30
		36	14.20	0.75	14.95	30
		48	14.22	0.89	15.11	30
		54	14.15	1.03	15.17	30

**Ant.2**

**802.11a (UNII 3)**

**TEST RESULTS**

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

802.11a (20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	15.43	0.13	15.56	30
		9	15.32	0.21	15.52	30
		12	14.74	0.28	15.03	30
		18	15.08	0.39	15.47	30
		24	15.00	0.48	15.48	30
		36	14.36	0.87	15.22	30
		48	14.40	0.96	15.36	30
		54	14.25	1.04	15.29	30
5785	157	6	15.47	0.13	15.60	30
		9	15.38	0.21	15.59	30
		12	14.83	0.28	15.11	30
		18	15.13	0.39	15.52	30
		24	15.06	0.48	15.54	30
		36	14.44	0.87	15.31	30
		48	14.41	0.96	15.37	30
		54	14.35	1.04	15.39	30
5825	165	6	15.50	0.13	15.64	30
		9	15.41	0.21	15.62	30
		12	14.83	0.28	15.11	30
		18	15.16	0.39	15.55	30
		24	15.05	0.48	15.53	30
		36	14.45	0.87	15.31	30
		48	14.45	0.96	15.41	30
		54	14.34	1.04	15.38	30

**Ant.3**

**802.11a (UNII 3)**

**TEST RESULTS**

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

802.11a (20MHz) Mode		Rate (Mbps)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	6	15.46	0.14	15.60	30
		9	15.39	0.20	15.59	30
		12	14.80	0.28	15.08	30
		18	15.13	0.39	15.52	30
		24	15.09	0.49	15.58	30
		36	14.38	0.74	15.12	30
		48	14.38	0.90	15.28	30
		54	14.26	1.02	15.28	30
5785	157	6	15.71	0.14	15.85	30
		9	15.57	0.20	15.78	30
		12	15.00	0.28	15.28	30
		18	15.26	0.39	15.65	30
		24	15.24	0.49	15.73	30
		36	14.60	0.74	15.34	30
		48	14.55	0.90	15.45	30
		54	14.44	1.02	15.46	30
5825	165	6	15.55	0.14	15.69	30
		9	15.45	0.20	15.65	30
		12	14.87	0.28	15.14	30
		18	15.24	0.39	15.63	30
		24	15.19	0.49	15.69	30
		36	14.52	0.74	15.26	30
		48	14.53	0.90	15.43	30
		54	14.41	1.02	15.43	30

**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	21.51	27.43
		9	21.50	27.43
		12	21.03	27.43
		18	21.47	27.43
		24	21.49	27.43
		36	21.12	27.43
		48	21.27	27.43
		54	21.24	27.43
5785	157	6	21.60	27.43
		9	21.60	27.43
		12	21.10	27.43
		18	21.51	27.43
		24	21.54	27.43
		36	21.18	27.43
		48	21.32	27.43
		54	21.34	27.43
5825	165	6	21.60	27.43
		9	21.58	27.43
		12	21.06	27.43
		18	21.51	27.43
		24	21.50	27.43
		36	21.17	27.43
		48	21.30	27.43
		54	21.30	27.43

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.29	0.05	15.34	23.98
		1	15.11	0.05	15.16	23.98
		2	15.13	0.06	15.19	23.98
		3	15.48	0.05	15.53	23.98
		4	15.48	0.09	15.57	23.98
		5	15.26	0.13	15.39	23.98
		6	15.30	0.13	15.43	23.98
		7	15.18	0.15	15.33	23.98
5200	40	0	15.29	0.05	15.34	23.98
		1	15.13	0.05	15.18	23.98
		2	15.18	0.06	15.24	23.98
		3	15.47	0.05	15.52	23.98
		4	15.47	0.09	15.56	23.98
		5	15.18	0.13	15.31	23.98
		6	15.20	0.13	15.33	23.98
		7	15.15	0.15	15.29	23.98
5240	48	0	15.32	0.05	15.38	23.98
		1	15.16	0.05	15.21	23.98
		2	15.17	0.06	15.24	23.98
		3	15.39	0.05	15.44	23.98
		4	15.42	0.09	15.51	23.98
		5	15.13	0.13	15.26	23.98
		6	15.14	0.13	15.26	23.98
		7	15.11	0.15	15.25	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.33	0.06	15.39	23.98
		1	15.17	0.05	15.22	23.98
		2	15.20	0.07	15.27	23.98
		3	15.48	0.06	15.55	23.98
		4	15.44	0.10	15.54	23.98
		5	15.24	0.12	15.36	23.98
		6	15.24	0.14	15.38	23.98
		7	15.22	0.14	15.36	23.98
5200	40	0	15.37	0.06	15.43	23.98
		1	15.15	0.05	15.21	23.98
		2	15.15	0.07	15.22	23.98
		3	15.42	0.06	15.48	23.98
		4	15.42	0.10	15.51	23.98
		5	15.18	0.12	15.29	23.98
		6	15.30	0.14	15.44	23.98
		7	15.19	0.14	15.33	23.98
5240	48	0	15.14	0.06	15.20	23.98
		1	15.03	0.05	15.09	23.98
		2	15.03	0.07	15.10	23.98
		3	15.37	0.06	15.43	23.98
		4	15.32	0.10	15.41	23.98
		5	15.02	0.12	15.14	23.98
		6	15.10	0.14	15.24	23.98
		7	14.92	0.14	15.07	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.79	0.06	15.85	23.98
		1	15.58	0.05	15.63	23.98
		2	15.62	0.07	15.70	23.98
		3	15.89	0.05	15.95	23.98
		4	15.90	0.09	15.99	23.98
		5	15.65	0.12	15.77	23.98
		6	15.72	0.13	15.85	23.98
		7	15.57	0.14	15.72	23.98
5200	40	0	15.67	0.06	15.73	23.98
		1	15.43	0.05	15.48	23.98
		2	15.50	0.07	15.57	23.98
		3	15.74	0.05	15.79	23.98
		4	15.83	0.09	15.92	23.98
		5	15.64	0.12	15.76	23.98
		6	15.68	0.13	15.81	23.98
		7	15.53	0.14	15.68	23.98
5240	48	0	15.21	0.06	15.28	23.98
		1	15.01	0.05	15.06	23.98
		2	15.04	0.07	15.11	23.98
		3	15.33	0.05	15.38	23.98
		4	15.30	0.09	15.39	23.98
		5	15.02	0.12	15.15	23.98
		6	15.15	0.13	15.28	23.98
		7	14.99	0.14	15.14	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.06	0.06	15.12	23.98
		1	14.85	0.06	14.91	23.98
		2	14.91	0.07	14.98	23.98
		3	15.29	0.05	15.34	23.98
		4	15.21	0.10	15.31	23.98
		5	14.97	0.12	15.09	23.98
		6	15.05	0.13	15.18	23.98
		7	14.93	0.15	15.08	23.98
5200	40	0	15.08	0.06	15.14	23.98
		1	14.87	0.06	14.93	23.98
		2	14.99	0.07	15.06	23.98
		3	15.26	0.05	15.31	23.98
		4	15.18	0.10	15.28	23.98
		5	14.99	0.12	15.11	23.98
		6	15.04	0.13	15.17	23.98
		7	14.89	0.15	15.03	23.98
5240	48	0	14.90	0.06	14.96	23.98
		1	14.67	0.06	14.73	23.98
		2	14.75	0.07	14.82	23.98
		3	14.98	0.05	15.03	23.98
		4	15.06	0.10	15.16	23.98
		5	14.89	0.12	15.00	23.98
		6	14.93	0.13	15.05	23.98
		7	14.77	0.15	14.92	23.98

**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	21.45	28.87
		1	21.25	28.87
		2	21.31	28.87
		3	21.62	28.87
		4	21.63	28.87
		5	21.43	28.87
		6	21.48	28.87
		7	21.40	28.87
5200	40	0	21.43	28.87
		1	21.22	28.87
		2	21.30	28.87
		3	21.55	28.87
		4	21.59	28.87
		5	21.39	28.87
		6	21.46	28.87
		7	21.36	28.87
5240	48	0	21.23	28.87
		1	21.04	28.87
		2	21.09	28.87
		3	21.34	28.87
		4	21.39	28.87
		5	21.16	28.87
		6	21.23	28.87
		7	21.12	28.87

**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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.79	0.05	13.85	23.98
		1	13.51	0.05	13.56	23.98
		2	13.59	0.06	13.66	23.98
		3	13.87	0.05	13.92	23.98
		4	13.86	0.09	13.94	23.98
		5	13.62	0.13	13.75	23.98
		6	13.73	0.13	13.86	23.98
		7	13.55	0.15	13.69	23.98
5300	60	0	13.86	0.05	13.92	23.98
		1	13.75	0.05	13.81	23.98
		2	13.67	0.06	13.73	23.98
		3	13.94	0.05	14.00	23.98
		4	13.91	0.09	14.00	23.98
		5	13.77	0.13	13.90	23.98
		6	13.88	0.13	14.01	23.98
		7	13.69	0.15	13.84	23.98
5320	64	0	13.79	0.05	13.84	23.98
		1	13.64	0.05	13.69	23.98
		2	13.68	0.06	13.74	23.98
		3	13.92	0.05	13.97	23.98
		4	13.96	0.09	14.04	23.98
		5	13.62	0.13	13.75	23.98
		6	13.71	0.13	13.84	23.98
		7	13.59	0.15	13.74	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.59	0.06	13.65	23.98
		1	13.46	0.05	13.51	23.98
		2	13.50	0.07	13.57	23.98
		3	13.77	0.06	13.83	23.98
		4	13.81	0.10	13.91	23.98
		5	13.51	0.12	13.62	23.98
		6	13.54	0.14	13.68	23.98
		7	13.40	0.14	13.54	23.98
5300	60	0	13.74	0.06	13.80	23.98
		1	13.56	0.05	13.61	23.98
		2	13.56	0.07	13.64	23.98
		3	13.84	0.06	13.90	23.98
		4	13.87	0.10	13.96	23.98
		5	13.65	0.12	13.76	23.98
		6	13.71	0.14	13.85	23.98
		7	13.54	0.14	13.68	23.98
5320	64	0	13.85	0.06	13.91	23.98
		1	13.70	0.05	13.75	23.98
		2	13.72	0.07	13.79	23.98
		3	13.99	0.06	14.05	23.98
		4	13.99	0.10	14.09	23.98
		5	13.64	0.12	13.75	23.98
		6	13.72	0.14	13.86	23.98
		7	13.57	0.14	13.71	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.73	0.06	13.79	23.98
		1	13.54	0.05	13.60	23.98
		2	13.54	0.07	13.61	23.98
		3	13.83	0.05	13.88	23.98
		4	13.80	0.09	13.90	23.98
		5	13.58	0.12	13.70	23.98
		6	13.64	0.13	13.77	23.98
		7	13.48	0.14	13.62	23.98
5300	60	0	13.71	0.06	13.77	23.98
		1	13.65	0.05	13.70	23.98
		2	13.58	0.07	13.66	23.98
		3	13.88	0.05	13.93	23.98
		4	13.89	0.09	13.98	23.98
		5	13.62	0.12	13.74	23.98
		6	13.78	0.13	13.91	23.98
		7	13.60	0.14	13.74	23.98
5320	64	0	13.72	0.06	13.78	23.98
		1	13.56	0.05	13.62	23.98
		2	13.57	0.07	13.64	23.98
		3	13.85	0.05	13.90	23.98
		4	13.86	0.09	13.95	23.98
		5	13.65	0.12	13.77	23.98
		6	13.70	0.13	13.83	23.98
		7	13.63	0.14	13.77	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.49	0.06	13.55	23.98
		1	13.36	0.06	13.42	23.98
		2	13.41	0.07	13.49	23.98
		3	13.70	0.05	13.75	23.98
		4	13.69	0.10	13.79	23.98
		5	13.41	0.12	13.52	23.98
		6	13.44	0.13	13.57	23.98
		7	13.41	0.15	13.56	23.98
5300	60	0	13.70	0.06	13.76	23.98
		1	13.47	0.06	13.53	23.98
		2	13.55	0.07	13.62	23.98
		3	13.85	0.05	13.90	23.98
		4	13.86	0.10	13.96	23.98
		5	13.65	0.12	13.77	23.98
		6	13.68	0.13	13.80	23.98
		7	13.56	0.15	13.70	23.98
5320	64	0	13.76	0.06	13.82	23.98
		1	13.58	0.06	13.64	23.98
		2	13.68	0.07	13.75	23.98
		3	13.94	0.05	14.00	23.98
		4	13.92	0.10	14.02	23.98
		5	13.58	0.12	13.70	23.98
		6	13.67	0.13	13.80	23.98
		7	13.53	0.15	13.68	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	19.73	22.57
		1	19.54	22.57
		2	19.60	22.57
		3	19.87	22.57
		4	19.91	22.57
		5	19.67	22.57
		6	19.74	22.57
		7	19.62	22.57
5300	60	0	19.83	22.57
		1	19.68	22.57
		2	19.68	22.57
		3	19.95	22.57
		4	20.00	22.57
		5	19.81	22.57
		6	19.91	22.57
		7	19.76	22.57
5320	64	0	19.86	22.57
		1	19.70	22.57
		2	19.75	22.57
		3	20.00	22.57
		4	20.05	22.57
		5	19.76	22.57
		6	19.85	22.57
		7	19.75	22.57

**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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.59	0.05	14.64	23.98
		1	14.41	0.05	14.46	23.98
		2	14.39	0.06	14.45	23.98
		3	14.69	0.05	14.75	23.98
		4	14.71	0.09	14.79	23.98
		5	14.43	0.13	14.56	23.98
		6	14.52	0.13	14.65	23.98
		7	14.39	0.15	14.53	23.98
5600	120	0	14.14	0.05	14.19	23.98
		1	13.93	0.05	13.98	23.98
		2	14.08	0.06	14.15	23.98
		3	14.29	0.05	14.34	23.98
		4	14.33	0.09	14.42	23.98
		5	14.10	0.13	14.22	23.98
		6	14.09	0.13	14.22	23.98
		7	14.00	0.15	14.15	23.98
5720	144	0	14.10	0.05	14.15	23.98
		1	13.97	0.05	14.02	23.98
		2	14.01	0.06	14.07	23.98
		3	14.24	0.05	14.29	23.98
		4	14.29	0.09	14.38	23.98
		5	14.03	0.13	14.16	23.98
		6	14.13	0.13	14.26	23.98
		7	13.96	0.15	14.11	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.47	0.06	14.53	23.98
		1	14.35	0.05	14.40	23.98
		2	14.35	0.07	14.42	23.98
		3	14.70	0.06	14.76	23.98
		4	14.61	0.10	14.70	23.98
		5	14.50	0.12	14.62	23.98
		6	14.54	0.14	14.68	23.98
		7	14.37	0.14	14.51	23.98
5600	120	0	14.29	0.06	14.35	23.98
		1	14.18	0.05	14.23	23.98
		2	14.10	0.07	14.17	23.98
		3	14.41	0.06	14.47	23.98
		4	14.44	0.10	14.54	23.98
		5	14.16	0.12	14.27	23.98
		6	14.27	0.14	14.42	23.98
		7	14.10	0.14	14.24	23.98
5720	144	0	14.00	0.06	14.06	23.98
		1	13.71	0.05	13.76	23.98
		2	13.79	0.07	13.86	23.98
		3	14.08	0.06	14.14	23.98
		4	14.04	0.10	14.13	23.98
		5	13.78	0.12	13.89	23.98
		6	13.88	0.14	14.03	23.98
		7	13.79	0.14	13.94	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.65	0.06	14.71	23.98
		1	14.48	0.05	14.53	23.98
		2	14.44	0.07	14.52	23.98
		3	14.73	0.05	14.79	23.98
		4	14.74	0.09	14.83	23.98
		5	14.51	0.12	14.63	23.98
		6	14.67	0.13	14.80	23.98
		7	14.48	0.14	14.62	23.98
5600	120	0	14.41	0.06	14.47	23.98
		1	14.20	0.05	14.25	23.98
		2	14.32	0.07	14.39	23.98
		3	14.58	0.05	14.63	23.98
		4	14.53	0.09	14.62	23.98
		5	14.27	0.12	14.39	23.98
		6	14.36	0.13	14.49	23.98
		7	14.25	0.14	14.39	23.98
5720	144	0	14.23	0.06	14.29	23.98
		1	14.01	0.05	14.07	23.98
		2	14.06	0.07	14.14	23.98
		3	14.32	0.05	14.37	23.98
		4	14.31	0.09	14.41	23.98
		5	14.09	0.12	14.21	23.98
		6	14.21	0.13	14.34	23.98
		7	14.04	0.14	14.19	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)	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.58	0.06	14.64	23.98
		1	14.40	0.06	14.46	23.98
		2	14.43	0.07	14.51	23.98
		3	14.76	0.05	14.81	23.98
		4	14.76	0.10	14.86	23.98
		5	14.48	0.12	14.60	23.98
		6	14.54	0.13	14.67	23.98
		7	14.42	0.15	14.57	23.98
5600	120	0	14.35	0.06	14.41	23.98
		1	14.12	0.06	14.19	23.98
		2	14.12	0.07	14.20	23.98
		3	14.43	0.05	14.49	23.98
		4	14.46	0.10	14.55	23.98
		5	14.21	0.12	14.32	23.98
		6	14.26	0.13	14.39	23.98
		7	14.18	0.15	14.33	23.98
5720	144	0	14.16	0.06	14.22	23.98
		1	14.00	0.06	14.06	23.98
		2	14.03	0.07	14.10	23.98
		3	14.21	0.05	14.26	23.98
		4	14.30	0.10	14.40	23.98
		5	14.01	0.12	14.13	23.98
		6	14.04	0.13	14.16	23.98
		7	13.90	0.15	14.04	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	20.65	22.86
		1	20.48	22.86
		2	20.50	22.86
		3	20.80	22.86
		4	20.82	22.86
		5	20.62	22.86
		6	20.72	22.86
		7	20.58	22.86
5600	120	0	20.38	22.86
		1	20.18	22.86
		2	20.25	22.86
		3	20.50	22.86
		4	20.55	22.86
		5	20.32	22.86
		6	20.40	22.86
		7	20.30	22.86
5720	144	0	20.20	22.86
		1	20.00	22.86
		2	20.06	22.86
		3	20.29	22.86
		4	20.35	22.86
		5	20.12	22.86
		6	20.22	22.86
		7	20.09	22.86

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.25	0.05	15.30	30
		1	15.06	0.05	15.11	30
		2	15.07	0.06	15.13	30
		3	15.46	0.05	15.51	30
		4	15.35	0.09	15.44	30
		5	15.13	0.13	15.26	30
		6	15.21	0.13	15.34	30
		7	15.06	0.15	15.21	30
5785	157	0	15.24	0.05	15.29	30
		1	15.06	0.05	15.11	30
		2	15.16	0.06	15.22	30
		3	15.40	0.05	15.46	30
		4	15.41	0.09	15.50	30
		5	15.18	0.13	15.31	30
		6	15.18	0.13	15.31	30
		7	15.09	0.15	15.24	30
5825	165	0	15.05	0.05	15.10	30
		1	14.96	0.05	15.01	30
		2	14.96	0.06	15.02	30
		3	15.27	0.05	15.32	30
		4	15.22	0.09	15.30	30
		5	15.04	0.13	15.17	30
		6	15.01	0.13	15.14	30
		7	14.90	0.15	15.05	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.08	0.06	15.14	30
		1	14.93	0.05	14.98	30
		2	14.96	0.07	15.04	30
		3	15.27	0.06	15.33	30
		4	15.26	0.10	15.36	30
		5	15.00	0.12	15.11	30
		6	15.04	0.14	15.18	30
		7	14.92	0.14	15.07	30
5785	157	0	15.16	0.06	15.22	30
		1	15.05	0.05	15.11	30
		2	15.06	0.07	15.14	30
		3	15.35	0.06	15.41	30
		4	15.32	0.10	15.41	30
		5	15.05	0.12	15.16	30
		6	15.15	0.14	15.29	30
		7	15.01	0.14	15.15	30
5825	165	0	15.35	0.06	15.41	30
		1	15.23	0.05	15.29	30
		2	15.12	0.07	15.20	30
		3	15.30	0.06	15.36	30
		4	15.31	0.10	15.40	30
		5	15.11	0.12	15.22	30
		6	15.17	0.14	15.32	30
		7	15.10	0.14	15.24	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.27	0.06	15.33	30
		1	15.08	0.05	15.13	30
		2	15.10	0.07	15.18	30
		3	15.34	0.05	15.39	30
		4	15.41	0.09	15.50	30
		5	15.15	0.12	15.27	30
		6	15.20	0.13	15.33	30
		7	15.12	0.14	15.26	30
5785	157	0	15.36	0.06	15.42	30
		1	15.14	0.05	15.19	30
		2	15.18	0.07	15.25	30
		3	15.37	0.05	15.43	30
		4	15.44	0.09	15.53	30
		5	15.25	0.12	15.37	30
		6	15.29	0.13	15.42	30
		7	15.20	0.14	15.34	30
5825	165	0	15.38	0.06	15.44	30
		1	15.19	0.05	15.24	30
		2	15.15	0.07	15.22	30
		3	15.45	0.05	15.50	30
		4	15.49	0.09	15.58	30
		5	15.15	0.12	15.27	30
		6	15.29	0.13	15.42	30
		7	15.20	0.14	15.35	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.29	0.06	15.35	30
		1	15.12	0.06	15.18	30
		2	15.17	0.07	15.24	30
		3	15.41	0.05	15.47	30
		4	15.39	0.10	15.49	30
		5	15.15	0.12	15.27	30
		6	15.14	0.13	15.26	30
		7	15.07	0.15	15.21	30
5785	157	0	15.50	0.06	15.56	30
		1	15.28	0.06	15.34	30
		2	15.27	0.07	15.35	30
		3	15.55	0.05	15.61	30
		4	15.56	0.10	15.65	30
		5	15.35	0.12	15.46	30
		6	15.37	0.13	15.50	30
		7	15.32	0.15	15.47	30
5825	165	0	15.35	0.06	15.41	30
		1	15.18	0.06	15.24	30
		2	15.25	0.07	15.32	30
		3	15.49	0.05	15.54	30
		4	15.54	0.10	15.64	30
		5	15.20	0.12	15.32	30
		6	15.36	0.13	15.49	30
		7	15.22	0.15	15.36	30

**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	21.30	27.43
		1	21.12	27.43
		2	21.17	27.43
		3	21.45	27.43
		4	21.47	27.43
		5	21.25	27.43
		6	21.30	27.43
		7	21.21	27.43
5785	157	0	21.39	27.43
		1	21.21	27.43
		2	21.26	27.43
		3	21.50	27.43
		4	21.54	27.43
		5	21.35	27.43
		6	21.40	27.43
		7	21.32	27.43
5825	165	0	21.36	27.43
		1	21.22	27.43
		2	21.21	27.43
		3	21.45	27.43
		4	21.50	27.43
		5	21.27	27.43
		6	21.36	27.43
		7	21.27	27.43

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.38	0.05	15.43	23.98
		1	15.14	0.06	15.20	23.98
		2	15.26	0.08	15.34	23.98
		3	15.56	0.05	15.61	23.98
		4	15.51	0.09	15.60	23.98
		5	15.29	0.10	15.40	23.98
		6	15.31	0.13	15.44	23.98
		7	15.21	0.14	15.35	23.98
		8	15.25	0.15	15.40	23.98
5200	40	0	15.37	0.05	15.42	23.98
		1	15.21	0.06	15.27	23.98
		2	15.19	0.08	15.27	23.98
		3	15.57	0.05	15.62	23.98
		4	15.55	0.09	15.64	23.98
		5	15.35	0.10	15.46	23.98
		6	15.44	0.13	15.57	23.98
		7	15.30	0.14	15.44	23.98
		8	15.20	0.15	15.35	23.98
5240	48	0	15.27	0.05	15.32	23.98
		1	15.15	0.06	15.21	23.98
		2	15.18	0.08	15.26	23.98
		3	15.45	0.05	15.51	23.98
		4	15.45	0.09	15.53	23.98
		5	15.26	0.10	15.36	23.98
		6	15.28	0.13	15.41	23.98
		7	15.12	0.14	15.26	23.98
		8	15.16	0.15	15.32	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.29	0.06	15.35	23.98
		1	15.15	0.05	15.20	23.98
		2	15.14	0.06	15.20	23.98
		3	15.46	0.06	15.52	23.98
		4	15.47	0.09	15.55	23.98
		5	15.29	0.10	15.39	23.98
		6	15.19	0.13	15.32	23.98
		7	15.20	0.14	15.34	23.98
		8	15.18	0.16	15.34	23.98
5200	40	0	15.30	0.06	15.36	23.98
		1	15.10	0.05	15.15	23.98
		2	15.08	0.06	15.15	23.98
		3	15.39	0.06	15.45	23.98
		4	15.42	0.09	15.50	23.98
		5	15.22	0.10	15.32	23.98
		6	15.25	0.13	15.38	23.98
		7	15.10	0.14	15.24	23.98
		8	15.07	0.16	15.23	23.98
5240	48	0	15.18	0.06	15.24	23.98
		1	14.94	0.05	14.99	23.98
		2	15.00	0.06	15.07	23.98
		3	15.29	0.06	15.36	23.98
		4	15.24	0.09	15.33	23.98
		5	15.04	0.10	15.14	23.98
		6	15.00	0.13	15.13	23.98
		7	14.92	0.14	15.06	23.98
		8	14.92	0.16	15.08	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.56	0.06	15.62	23.98
		1	15.46	0.05	15.51	23.98
		2	15.43	0.06	15.49	23.98
		3	15.73	0.06	15.79	23.98
		4	15.72	0.09	15.81	23.98
		5	15.51	0.11	15.62	23.98
		6	15.55	0.12	15.67	23.98
		7	15.36	0.12	15.48	23.98
		8	15.32	0.16	15.48	23.98
5200	40	0	15.46	0.06	15.52	23.98
		1	15.20	0.05	15.26	23.98
		2	15.26	0.06	15.33	23.98
		3	15.54	0.06	15.60	23.98
		4	15.56	0.09	15.64	23.98
		5	15.36	0.11	15.47	23.98
		6	15.44	0.12	15.56	23.98
		7	15.28	0.12	15.40	23.98
		8	15.18	0.16	15.34	23.98
5240	48	0	15.01	0.06	15.07	23.98
		1	14.85	0.05	14.90	23.98
		2	14.88	0.06	14.94	23.98
		3	15.19	0.06	15.25	23.98
		4	15.16	0.09	15.25	23.98
		5	14.87	0.11	14.98	23.98
		6	14.87	0.12	14.99	23.98
		7	14.75	0.12	14.87	23.98
		8	14.67	0.16	14.83	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5180	36	0	15.00	0.05	15.05	23.98
		1	14.91	0.05	14.96	23.98
		2	14.91	0.06	14.97	23.98
		3	15.30	0.06	15.36	23.98
		4	15.23	0.08	15.31	23.98
		5	14.98	0.10	15.08	23.98
		6	15.09	0.12	15.21	23.98
		7	14.95	0.13	15.08	23.98
		8	14.88	0.16	15.04	23.98
5200	40	0	15.15	0.05	15.21	23.98
		1	14.95	0.05	15.00	23.98
		2	14.94	0.06	15.00	23.98
		3	15.17	0.06	15.24	23.98
		4	15.20	0.08	15.28	23.98
		5	15.04	0.10	15.14	23.98
		6	15.02	0.12	15.14	23.98
		7	14.92	0.13	15.06	23.98
		8	14.91	0.16	15.07	23.98
5240	48	0	14.85	0.05	14.90	23.98
		1	14.70	0.05	14.76	23.98
		2	14.70	0.06	14.76	23.98
		3	15.02	0.06	15.09	23.98
		4	15.02	0.08	15.10	23.98
		5	14.84	0.10	14.94	23.98
		6	14.89	0.12	15.01	23.98
		7	14.82	0.13	14.95	23.98
		8	14.74	0.16	14.90	23.98

**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	21.39	26.28
		1	21.24	26.28
		2	21.27	26.28
		3	21.59	26.28
		4	21.59	26.28
		5	21.40	26.28
		6	21.43	26.28
		7	21.33	26.28
		8	21.34	26.28
5200	40	0	21.40	26.28
		1	21.19	26.28
		2	21.21	26.28
		3	21.50	26.28
		4	21.54	26.28
		5	21.37	26.28
		6	21.43	26.28
		7	21.31	26.28
		8	21.27	26.28
5240	48	0	21.15	26.28
		1	20.99	26.28
		2	21.03	26.28
		3	21.32	26.28
		4	21.32	26.28
		5	21.13	26.28
		6	21.16	26.28
		7	21.06	26.28
		8	21.06	26.28

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.89	0.05	13.94	23.98
		1	13.71	0.06	13.77	23.98
		2	13.63	0.08	13.71	23.98
		3	13.91	0.05	13.96	23.98
		4	13.96	0.09	14.05	23.98
		5	13.76	0.10	13.87	23.98
		6	13.76	0.13	13.89	23.98
		7	13.70	0.14	13.85	23.98
		8	13.66	0.15	13.82	23.98
5300	60	0	13.96	0.05	14.01	23.98
		1	13.83	0.06	13.89	23.98
		2	13.73	0.08	13.80	23.98
		3	13.99	0.05	14.04	23.98
		4	14.02	0.09	14.10	23.98
		5	13.92	0.10	14.02	23.98
		6	13.81	0.13	13.94	23.98
		7	13.83	0.14	13.97	23.98
		8	13.79	0.15	13.94	23.98
5320	64	0	13.83	0.05	13.88	23.98
		1	13.75	0.06	13.81	23.98
		2	13.72	0.08	13.80	23.98
		3	14.03	0.05	14.09	23.98
		4	14.01	0.09	14.09	23.98
		5	13.71	0.10	13.81	23.98
		6	13.76	0.13	13.88	23.98
		7	13.71	0.14	13.85	23.98
		8	13.62	0.15	13.77	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.57	0.06	13.63	23.98
		1	13.46	0.05	13.51	23.98
		2	13.51	0.06	13.57	23.98
		3	13.74	0.06	13.80	23.98
		4	13.75	0.09	13.84	23.98
		5	13.53	0.10	13.63	23.98
		6	13.55	0.13	13.68	23.98
		7	13.47	0.14	13.61	23.98
		8	13.41	0.16	13.57	23.98
5300	60	0	13.73	0.06	13.79	23.98
		1	13.52	0.05	13.57	23.98
		2	13.53	0.06	13.60	23.98
		3	13.83	0.06	13.89	23.98
		4	13.86	0.09	13.95	23.98
		5	13.52	0.10	13.62	23.98
		6	13.66	0.13	13.79	23.98
		7	13.53	0.14	13.67	23.98
		8	13.56	0.16	13.72	23.98
5320	64	0	13.84	0.06	13.90	23.98
		1	13.70	0.05	13.75	23.98
		2	13.67	0.06	13.74	23.98
		3	14.04	0.06	14.10	23.98
		4	13.99	0.09	14.07	23.98
		5	13.72	0.10	13.82	23.98
		6	13.72	0.13	13.85	23.98
		7	13.70	0.14	13.84	23.98
		8	13.58	0.16	13.74	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.48	0.06	13.55	23.98
		1	13.37	0.05	13.42	23.98
		2	13.35	0.06	13.41	23.98
		3	13.56	0.06	13.62	23.98
		4	13.60	0.09	13.68	23.98
		5	13.33	0.11	13.44	23.98
		6	13.35	0.12	13.47	23.98
		7	13.29	0.12	13.41	23.98
		8	13.19	0.16	13.35	23.98
5300	60	0	13.55	0.06	13.61	23.98
		1	13.32	0.05	13.37	23.98
		2	13.35	0.06	13.42	23.98
		3	13.62	0.06	13.68	23.98
		4	13.70	0.09	13.79	23.98
		5	13.41	0.11	13.52	23.98
		6	13.42	0.12	13.54	23.98
		7	13.42	0.12	13.55	23.98
		8	13.25	0.16	13.41	23.98
5320	64	0	13.44	0.06	13.50	23.98
		1	13.33	0.05	13.39	23.98
		2	13.40	0.06	13.47	23.98
		3	13.57	0.06	13.63	23.98
		4	13.61	0.09	13.70	23.98
		5	13.45	0.11	13.55	23.98
		6	13.50	0.12	13.62	23.98
		7	13.34	0.12	13.46	23.98
		8	13.37	0.16	13.52	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5260	52	0	13.43	0.05	13.48	23.98
		1	13.25	0.05	13.31	23.98
		2	13.37	0.06	13.43	23.98
		3	13.65	0.06	13.71	23.98
		4	13.65	0.08	13.73	23.98
		5	13.38	0.10	13.48	23.98
		6	13.48	0.12	13.60	23.98
		7	13.37	0.13	13.50	23.98
		8	13.34	0.16	13.50	23.98
5300	60	0	13.73	0.05	13.79	23.98
		1	13.42	0.05	13.47	23.98
		2	13.47	0.06	13.53	23.98
		3	13.82	0.06	13.88	23.98
		4	13.82	0.08	13.90	23.98
		5	13.67	0.10	13.77	23.98
		6	13.69	0.12	13.81	23.98
		7	13.59	0.13	13.72	23.98
		8	13.51	0.16	13.66	23.98
5320	64	0	13.73	0.05	13.78	23.98
		1	13.54	0.05	13.59	23.98
		2	13.56	0.06	13.62	23.98
		3	13.91	0.06	13.97	23.98
		4	13.84	0.08	13.92	23.98
		5	13.58	0.10	13.68	23.98
		6	13.74	0.12	13.86	23.98
		7	13.55	0.13	13.68	23.98
		8	13.55	0.16	13.71	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				
Frequency [MHz]	Channel No.	MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
5260	52	0	19.67	22.57
		1	19.52	22.57
		2	19.55	22.57
		3	19.79	22.57
		4	19.85	22.57
		5	19.63	22.57
		6	19.68	22.57
		7	19.61	22.57
		8	19.58	22.57
5300	60	0	19.82	22.57
		1	19.60	22.57
		2	19.61	22.57
		3	19.89	22.57
		4	19.96	22.57
		5	19.76	22.57
		6	19.79	22.57
		7	19.75	22.57
		8	19.71	22.57
5320	64	0	19.79	22.57
		1	19.66	22.57
		2	19.68	22.57
		3	19.97	22.57
		4	19.97	22.57
		5	19.74	22.57
		6	19.82	22.57
		7	19.73	22.57
		8	19.71	22.57

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.65	0.05	14.70	23.98
		1	14.50	0.06	14.56	23.98
		2	14.53	0.08	14.61	23.98
		3	14.85	0.05	14.90	23.98
		4	14.81	0.09	14.89	23.98
		5	14.57	0.10	14.68	23.98
		6	14.57	0.13	14.69	23.98
		7	14.41	0.14	14.55	23.98
		8	14.46	0.15	14.61	23.98
5600	120	0	14.19	0.05	14.25	23.98
		1	14.06	0.06	14.12	23.98
		2	14.13	0.08	14.20	23.98
		3	14.41	0.05	14.46	23.98
		4	14.43	0.09	14.52	23.98
		5	14.11	0.10	14.22	23.98
		6	14.22	0.13	14.35	23.98
		7	14.12	0.14	14.26	23.98
		8	14.09	0.15	14.24	23.98
5720	144	0	14.21	0.05	14.27	23.98
		1	14.04	0.06	14.10	23.98
		2	14.07	0.08	14.15	23.98
		3	14.36	0.05	14.41	23.98
		4	14.35	0.09	14.44	23.98
		5	14.14	0.10	14.24	23.98
		6	14.21	0.13	14.33	23.98
		7	14.17	0.14	14.31	23.98
		8	14.15	0.15	14.30	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.49	0.06	14.55	23.98
		1	14.40	0.05	14.45	23.98
		2	14.36	0.06	14.43	23.98
		3	14.65	0.06	14.72	23.98
		4	14.65	0.09	14.74	23.98
		5	14.40	0.10	14.50	23.98
		6	14.47	0.13	14.60	23.98
		7	14.43	0.14	14.57	23.98
		8	14.35	0.16	14.51	23.98
5600	120	0	14.23	0.06	14.29	23.98
		1	14.08	0.05	14.13	23.98
		2	14.07	0.06	14.14	23.98
		3	14.38	0.06	14.44	23.98
		4	14.40	0.09	14.49	23.98
		5	14.19	0.10	14.29	23.98
		6	14.20	0.13	14.33	23.98
		7	14.06	0.14	14.20	23.98
		8	14.02	0.16	14.18	23.98
5720	144	0	13.92	0.06	13.98	23.98
		1	13.74	0.05	13.80	23.98
		2	13.83	0.06	13.90	23.98
		3	14.08	0.06	14.15	23.98
		4	14.07	0.09	14.16	23.98
		5	13.78	0.10	13.88	23.98
		6	13.83	0.13	13.96	23.98
		7	13.78	0.14	13.92	23.98
		8	13.73	0.16	13.89	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.46	0.06	14.52	23.98
		1	14.26	0.05	14.31	23.98
		2	14.27	0.06	14.33	23.98
		3	14.55	0.06	14.61	23.98
		4	14.55	0.09	14.64	23.98
		5	14.33	0.11	14.44	23.98
		6	14.47	0.12	14.59	23.98
		7	14.35	0.12	14.47	23.98
		8	14.28	0.16	14.43	23.98
5600	120	0	14.14	0.06	14.20	23.98
		1	14.07	0.05	14.12	23.98
		2	14.01	0.06	14.07	23.98
		3	14.33	0.06	14.39	23.98
		4	14.33	0.09	14.42	23.98
		5	14.03	0.11	14.13	23.98
		6	14.17	0.12	14.29	23.98
		7	13.94	0.12	14.06	23.98
		8	13.98	0.16	14.14	23.98
5720	144	0	13.96	0.06	14.02	23.98
		1	13.78	0.05	13.84	23.98
		2	13.86	0.06	13.92	23.98
		3	14.17	0.06	14.23	23.98
		4	14.09	0.09	14.18	23.98
		5	13.89	0.11	13.99	23.98
		6	13.98	0.12	14.10	23.98
		7	13.85	0.12	13.97	23.98
		8	13.84	0.16	14.00	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5500	100	0	14.53	0.05	14.58	23.98
		1	14.38	0.05	14.43	23.98
		2	14.41	0.06	14.48	23.98
		3	14.75	0.06	14.81	23.98
		4	14.68	0.08	14.76	23.98
		5	14.42	0.10	14.52	23.98
		6	14.51	0.12	14.63	23.98
		7	14.35	0.13	14.48	23.98
		8	14.37	0.16	14.53	23.98
5600	120	0	14.27	0.05	14.33	23.98
		1	14.13	0.05	14.18	23.98
		2	14.11	0.06	14.17	23.98
		3	14.47	0.06	14.53	23.98
		4	14.43	0.08	14.51	23.98
		5	14.22	0.10	14.32	23.98
		6	14.25	0.12	14.37	23.98
		7	14.13	0.13	14.26	23.98
		8	14.17	0.16	14.33	23.98
5720	144	0	14.17	0.05	14.22	23.98
		1	13.96	0.05	14.01	23.98
		2	13.99	0.06	14.05	23.98
		3	14.24	0.06	14.30	23.98
		4	14.27	0.08	14.34	23.98
		5	13.95	0.10	14.05	23.98
		6	14.03	0.12	14.15	23.98
		7	13.92	0.13	14.05	23.98
		8	13.90	0.16	14.06	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	20.61	22.86
		1	20.46	22.86
		2	20.48	22.86
		3	20.78	22.86
		4	20.78	22.86
		5	20.56	22.86
		6	20.65	22.86
		7	20.54	22.86
		8	20.54	22.86
5600	120	0	20.29	22.86
		1	20.16	22.86
		2	20.17	22.86
		3	20.48	22.86
		4	20.51	22.86
		5	20.26	22.86
		6	20.36	22.86
		7	20.22	22.86
		8	20.24	22.86
5720	144	0	20.14	22.86
		1	19.96	22.86
		2	20.03	22.86
		3	20.29	22.86
		4	20.30	22.86
		5	20.06	22.86
		6	20.16	22.86
		7	20.08	22.86
		8	20.08	22.86

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.37	0.05	15.42	30
		1	15.19	0.06	15.25	30
		2	15.22	0.08	15.29	30
		3	15.57	0.05	15.63	30
		4	15.51	0.09	15.60	30
		5	15.29	0.10	15.40	30
		6	15.33	0.13	15.46	30
		7	15.23	0.14	15.37	30
		8	15.31	0.15	15.46	30
5785	157	0	15.34	0.05	15.39	30
		1	15.15	0.06	15.21	30
		2	15.29	0.08	15.37	30
		3	15.54	0.05	15.60	30
		4	15.67	0.09	15.76	30
		5	15.23	0.10	15.34	30
		6	15.34	0.13	15.47	30
		7	15.24	0.14	15.38	30
		8	15.22	0.15	15.38	30
5825	165	0	15.27	0.05	15.33	30
		1	15.03	0.06	15.10	30
		2	15.13	0.08	15.21	30
		3	15.42	0.05	15.47	30
		4	15.42	0.09	15.51	30
		5	15.17	0.10	15.27	30
		6	15.21	0.13	15.34	30
		7	15.11	0.14	15.25	30
		8	15.13	0.15	15.28	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.02	0.06	15.08	30
		1	14.88	0.05	14.93	30
		2	14.92	0.06	14.98	30
		3	15.14	0.06	15.20	30
		4	15.17	0.09	15.26	30
		5	14.93	0.10	15.03	30
		6	14.98	0.13	15.11	30
		7	14.82	0.14	14.96	30
		8	14.81	0.16	14.97	30
5785	157	0	15.12	0.06	15.18	30
		1	14.99	0.05	15.05	30
		2	15.02	0.06	15.08	30
		3	15.26	0.06	15.32	30
		4	15.27	0.09	15.36	30
		5	14.95	0.10	15.05	30
		6	15.13	0.13	15.25	30
		7	14.97	0.14	15.11	30
		8	14.88	0.16	15.04	30
5825	165	0	15.40	0.06	15.46	30
		1	15.17	0.05	15.22	30
		2	15.07	0.06	15.13	30
		3	15.32	0.06	15.39	30
		4	15.33	0.09	15.42	30
		5	15.12	0.10	15.22	30
		6	15.13	0.13	15.26	30
		7	15.05	0.14	15.20	30
		8	15.00	0.16	15.16	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	14.97	0.06	15.03	30
		1	14.84	0.05	14.89	30
		2	14.90	0.06	14.96	30
		3	15.08	0.06	15.13	30
		4	15.24	0.09	15.32	30
		5	14.94	0.11	15.04	30
		6	15.01	0.12	15.13	30
		7	14.81	0.12	14.94	30
		8	14.86	0.16	15.02	30
5785	157	0	15.16	0.06	15.22	30
		1	14.97	0.05	15.03	30
		2	15.00	0.06	15.06	30
		3	15.17	0.06	15.23	30
		4	15.22	0.09	15.31	30
		5	14.94	0.11	15.05	30
		6	15.05	0.12	15.17	30
		7	14.96	0.12	15.09	30
		8	14.91	0.16	15.07	30
5825	165	0	15.15	0.06	15.21	30
		1	14.91	0.05	14.96	30
		2	14.97	0.06	15.03	30
		3	15.25	0.06	15.31	30
		4	15.26	0.09	15.35	30
		5	15.02	0.11	15.13	30
		6	15.09	0.12	15.21	30
		7	14.95	0.12	15.07	30
		8	14.95	0.16	15.11	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5745	149	0	15.30	0.05	15.35	30
		1	15.14	0.05	15.19	30
		2	15.11	0.06	15.18	30
		3	15.49	0.06	15.55	30
		4	15.44	0.08	15.52	30
		5	15.19	0.10	15.29	30
		6	15.20	0.12	15.32	30
		7	15.19	0.13	15.33	30
		8	15.08	0.16	15.24	30
5785	157	0	15.48	0.05	15.54	30
		1	15.32	0.05	15.37	30
		2	15.36	0.06	15.42	30
		3	15.68	0.06	15.74	30
		4	15.66	0.08	15.74	30
		5	15.40	0.10	15.50	30
		6	15.48	0.12	15.60	30
		7	15.39	0.13	15.52	30
		8	15.30	0.16	15.46	30
5825	165	0	15.42	0.05	15.47	30
		1	15.23	0.05	15.29	30
		2	15.44	0.06	15.51	30
		3	15.64	0.06	15.70	30
		4	15.67	0.08	15.75	30
		5	15.27	0.10	15.37	30
		6	15.41	0.12	15.53	30
		7	15.34	0.13	15.47	30
		8	15.26	0.16	15.42	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\_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	21.24	27.43
		1	21.09	27.43
		2	21.12	27.43
		3	21.40	27.43
		4	21.45	27.43
		5	21.21	27.43
		6	21.28	27.43
		7	21.17	27.43
		8	21.20	27.43
5785	157	0	21.35	27.43
		1	21.19	27.43
		2	21.25	27.43
		3	21.50	27.43
		4	21.57	27.43
		5	21.26	27.43
		6	21.39	27.43
		7	21.30	27.43
		8	21.26	27.43
5825	165	0	21.39	27.43
		1	21.16	27.43
		2	21.24	27.43
		3	21.49	27.43
		4	21.53	27.43
		5	21.27	27.43
		6	21.36	27.43
		7	21.27	27.43
		8	21.26	27.43

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	9.97	0.12	10.09	23.98
		1	9.98	0.12	10.10	23.98
		2	9.91	0.15	10.06	23.98
		3	9.67	0.12	9.80	23.98
		4	9.69	0.17	9.86	23.98
		5	9.90	0.23	10.12	23.98
		6	9.84	0.24	10.08	23.98
		7	9.75	0.27	10.01	23.98
5230	46	0	15.47	0.12	15.59	23.98
		1	15.47	0.12	15.58	23.98
		2	15.41	0.15	15.55	23.98
		3	15.20	0.12	15.32	23.98
		4	15.23	0.17	15.41	23.98
		5	15.38	0.23	15.61	23.98
		6	15.42	0.24	15.66	23.98
		7	15.30	0.27	15.56	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	10.06	0.12	10.18	23.98
		1	10.04	0.12	10.16	23.98
		2	9.91	0.14	10.05	23.98
		3	9.70	0.12	9.82	23.98
		4	9.73	0.18	9.90	23.98
		5	9.92	0.22	10.14	23.98
		6	9.89	0.25	10.15	23.98
		7	9.84	0.30	10.14	23.98
5230	46	0	15.40	0.12	15.52	23.98
		1	15.38	0.12	15.50	23.98
		2	15.40	0.14	15.54	23.98
		3	15.20	0.12	15.32	23.98
		4	15.19	0.18	15.37	23.98
		5	15.37	0.22	15.59	23.98
		6	15.33	0.25	15.58	23.98
		7	15.16	0.30	15.46	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	10.11	0.12	10.23	23.98
		1	10.12	0.12	10.24	23.98
		2	10.03	0.14	10.17	23.98
		3	9.80	0.13	9.93	23.98
		4	9.79	0.17	9.96	23.98
		5	9.98	0.21	10.19	23.98
		6	9.92	0.25	10.17	23.98
		7	9.84	0.30	10.14	23.98
5230	46	0	15.30	0.12	15.41	23.98
		1	15.30	0.12	15.42	23.98
		2	15.28	0.14	15.42	23.98
		3	14.98	0.13	15.11	23.98
		4	15.03	0.17	15.20	23.98
		5	15.27	0.21	15.48	23.98
		6	15.19	0.25	15.45	23.98
		7	15.10	0.30	15.40	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	9.77	0.12	9.88	23.98
		1	9.78	0.12	9.90	23.98
		2	9.67	0.14	9.81	23.98
		3	9.49	0.13	9.61	23.98
		4	9.53	0.18	9.71	23.98
		5	9.68	0.22	9.90	23.98
		6	9.65	0.25	9.91	23.98
		7	9.59	0.30	9.89	23.98
5230	46	0	15.46	0.12	15.57	23.98
		1	15.47	0.12	15.58	23.98
		2	15.40	0.14	15.54	23.98
		3	15.18	0.13	15.31	23.98
		4	15.22	0.18	15.39	23.98
		5	15.33	0.22	15.55	23.98
		6	15.33	0.25	15.58	23.98
		7	15.25	0.30	15.55	23.98

**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	16.12	28.87
		1	16.12	28.87
		2	16.04	28.87
		3	15.81	28.87
		4	15.88	28.87
		5	16.11	28.87
		6	16.10	28.87
		7	16.07	28.87
5230	46	0	21.54	28.87
		1	21.54	28.87
		2	21.53	28.87
		3	21.29	28.87
		4	21.36	28.87
		5	21.58	28.87
		6	21.59	28.87
		7	21.51	28.87

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.36	0.12	15.47	23.98
		1	15.44	0.12	15.56	23.98
		2	15.38	0.15	15.52	23.98
		3	15.15	0.12	15.27	23.98
		4	15.19	0.17	15.36	23.98
		5	15.34	0.23	15.57	23.98
		6	15.33	0.24	15.57	23.98
		7	15.26	0.27	15.53	23.98
5310	62	0	11.13	0.12	11.25	23.98
		1	11.17	0.12	11.29	23.98
		2	11.05	0.15	11.19	23.98
		3	10.86	0.12	10.99	23.98
		4	10.89	0.17	11.07	23.98
		5	11.06	0.23	11.29	23.98
		6	11.04	0.24	11.28	23.98
		7	10.90	0.27	11.17	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.26	0.12	15.38	23.98
		1	15.30	0.12	15.41	23.98
		2	15.24	0.14	15.38	23.98
		3	14.99	0.12	15.12	23.98
		4	14.98	0.18	15.16	23.98
		5	15.18	0.22	15.40	23.98
		6	15.17	0.25	15.42	23.98
		7	15.06	0.30	15.36	23.98
5310	62	0	11.36	0.12	11.48	23.98
		1	11.38	0.12	11.50	23.98
		2	11.30	0.14	11.44	23.98
		3	11.11	0.12	11.23	23.98
		4	11.07	0.18	11.25	23.98
		5	11.28	0.22	11.50	23.98
		6	11.22	0.25	11.47	23.98
		7	11.09	0.30	11.39	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.23	0.12	15.35	23.98
		1	15.29	0.12	15.41	23.98
		2	15.26	0.14	15.40	23.98
		3	15.03	0.13	15.16	23.98
		4	15.05	0.17	15.22	23.98
		5	15.24	0.21	15.46	23.98
		6	15.21	0.25	15.46	23.98
		7	15.10	0.30	15.40	23.98
5310	62	0	10.84	0.12	10.96	23.98
		1	10.87	0.12	10.98	23.98
		2	10.79	0.14	10.93	23.98
		3	10.54	0.13	10.66	23.98
		4	10.60	0.17	10.77	23.98
		5	10.76	0.21	10.97	23.98
		6	10.73	0.25	10.99	23.98
		7	10.61	0.30	10.91	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.35	0.12	15.47	23.98
		1	15.35	0.12	15.47	23.98
		2	15.27	0.14	15.41	23.98
		3	15.05	0.13	15.18	23.98
		4	15.10	0.18	15.28	23.98
		5	15.25	0.22	15.47	23.98
		6	15.22	0.25	15.47	23.98
		7	15.06	0.30	15.36	23.98
5310	62	0	11.19	0.12	11.31	23.98
		1	11.19	0.12	11.30	23.98
		2	11.10	0.14	11.24	23.98
		3	10.91	0.13	11.03	23.98
		4	10.94	0.18	11.12	23.98
		5	11.05	0.22	11.27	23.98
		6	11.08	0.25	11.33	23.98
		7	10.92	0.30	11.21	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)

<b>802.11n_HT40 Mode</b>				
<b>Frequency [MHz]</b>	<b>Channel No.</b>	<b>MCS Index</b>	<b>Sum Power of Ant.0 &amp; 1</b>	<b>Limit (dBm)</b>
<b>5270</b>	<b>54</b>	<b>0</b>	<b>21.44</b>	<b>22.57</b>
		<b>1</b>	<b>21.48</b>	<b>22.57</b>
		<b>2</b>	<b>21.45</b>	<b>22.57</b>
		<b>3</b>	<b>21.20</b>	<b>22.57</b>
		<b>4</b>	<b>21.28</b>	<b>22.57</b>
		<b>5</b>	<b>21.50</b>	<b>22.57</b>
		<b>6</b>	<b>21.50</b>	<b>22.57</b>
		<b>7</b>	<b>21.43</b>	<b>22.57</b>
<b>5310</b>	<b>62</b>	<b>0</b>	<b>17.27</b>	<b>22.57</b>
		<b>1</b>	<b>17.29</b>	<b>22.57</b>
		<b>2</b>	<b>17.22</b>	<b>22.57</b>
		<b>3</b>	<b>17.00</b>	<b>22.57</b>
		<b>4</b>	<b>17.07</b>	<b>22.57</b>
		<b>5</b>	<b>17.28</b>	<b>22.57</b>
		<b>6</b>	<b>17.29</b>	<b>22.57</b>
		<b>7</b>	<b>17.19</b>	<b>22.57</b>

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	12.93	0.12	13.04	23.98
		1	12.98	0.12	13.09	23.98
		2	12.92	0.15	13.07	23.98
		3	12.68	0.12	12.81	23.98
		4	12.71	0.17	12.88	23.98
		5	12.87	0.23	13.09	23.98
		6	12.90	0.24	13.15	23.98
		7	12.78	0.27	13.04	23.98
5590	118	0	15.12	0.12	15.23	23.98
		1	15.17	0.12	15.29	23.98
		2	15.08	0.15	15.23	23.98
		3	14.87	0.12	14.99	23.98
		4	14.90	0.17	15.07	23.98
		5	15.04	0.23	15.26	23.98
		6	14.99	0.24	15.23	23.98
		7	14.93	0.27	15.20	23.98
5710	142	0	15.13	0.12	15.24	23.98
		1	15.18	0.12	15.29	23.98
		2	15.05	0.15	15.20	23.98
		3	14.83	0.12	14.95	23.98
		4	14.90	0.17	15.07	23.98
		5	15.08	0.23	15.31	23.98
		6	15.00	0.24	15.25	23.98
		7	14.86	0.27	15.13	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	12.78	0.12	12.90	23.98
		1	12.88	0.12	13.00	23.98
		2	12.79	0.14	12.93	23.98
		3	12.51	0.12	12.63	23.98
		4	12.57	0.18	12.75	23.98
		5	12.69	0.22	12.91	23.98
		6	12.70	0.25	12.95	23.98
		7	12.64	0.30	12.94	23.98
5590	118	0	15.00	0.12	15.12	23.98
		1	15.00	0.12	15.12	23.98
		2	14.95	0.14	15.10	23.98
		3	14.72	0.12	14.84	23.98
		4	14.74	0.18	14.92	23.98
		5	14.94	0.22	15.16	23.98
		6	14.91	0.25	15.17	23.98
		7	14.78	0.30	15.08	23.98
5710	142	0	14.76	0.12	14.88	23.98
		1	14.83	0.12	14.94	23.98
		2	14.71	0.14	14.86	23.98
		3	14.50	0.12	14.62	23.98
		4	14.55	0.18	14.73	23.98
		5	14.69	0.22	14.91	23.98
		6	14.63	0.25	14.88	23.98
		7	14.56	0.30	14.86	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	12.93	0.12	13.05	23.98
		1	12.97	0.12	13.09	23.98
		2	12.91	0.14	13.05	23.98
		3	12.66	0.13	12.79	23.98
		4	12.68	0.17	12.85	23.98
		5	12.86	0.21	13.07	23.98
		6	12.87	0.25	13.12	23.98
		7	12.74	0.30	13.04	23.98
5590	118	0	15.21	0.12	15.33	23.98
		1	15.19	0.12	15.31	23.98
		2	15.18	0.14	15.32	23.98
		3	14.92	0.13	15.05	23.98
		4	14.97	0.17	15.14	23.98
		5	15.17	0.21	15.38	23.98
		6	15.10	0.25	15.36	23.98
		7	15.02	0.30	15.32	23.98
5710	142	0	14.97	0.12	15.09	23.98
		1	14.98	0.12	15.10	23.98
		2	14.93	0.14	15.07	23.98
		3	14.70	0.13	14.83	23.98
		4	14.71	0.17	14.88	23.98
		5	14.90	0.21	15.11	23.98
		6	14.83	0.25	15.09	23.98
		7	14.79	0.30	15.09	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	13.05	0.12	13.16	23.98
		1	13.11	0.12	13.22	23.98
		2	13.03	0.14	13.17	23.98
		3	12.80	0.13	12.93	23.98
		4	12.83	0.18	13.00	23.98
		5	12.97	0.22	13.19	23.98
		6	12.99	0.25	13.25	23.98
		7	12.87	0.30	13.17	23.98
5590	118	0	15.37	0.12	15.49	23.98
		1	15.43	0.12	15.55	23.98
		2	15.35	0.14	15.49	23.98
		3	15.11	0.13	15.23	23.98
		4	15.16	0.18	15.34	23.98
		5	15.35	0.22	15.57	23.98
		6	15.27	0.25	15.53	23.98
		7	15.22	0.30	15.52	23.98
5710	142	0	15.26	0.12	15.37	23.98
		1	15.32	0.12	15.43	23.98
		2	15.21	0.14	15.35	23.98
		3	14.96	0.13	15.09	23.98
		4	15.00	0.18	15.18	23.98
		5	15.15	0.22	15.37	23.98
		6	15.16	0.25	15.41	23.98
		7	15.02	0.30	15.32	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	19.06	22.86
		1	19.12	22.86
		2	19.08	22.86
		3	18.81	22.86
		4	18.89	22.86
		5	19.09	22.86
		6	19.14	22.86
		7	19.07	22.86
5590	118	0	21.31	22.86
		1	21.34	22.86
		2	21.31	22.86
		3	21.05	22.86
		4	21.14	22.86
		5	21.36	22.86
		6	21.34	22.86
		7	21.30	22.86
5710	142	0	21.17	22.86
		1	21.21	22.86
		2	21.14	22.86
		3	20.89	22.86
		4	20.99	22.86
		5	21.20	22.86
		6	21.18	22.86
		7	21.12	22.86

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.32	0.12	15.43	30
		1	15.31	0.12	15.43	30
		2	15.25	0.15	15.40	30
		3	15.06	0.12	15.18	30
		4	15.07	0.17	15.24	30
		5	15.24	0.23	15.46	30
		6	15.21	0.24	15.46	30
		7	15.03	0.27	15.30	30
5795	159	0	15.34	0.12	15.45	30
		1	15.39	0.12	15.51	30
		2	15.27	0.15	15.42	30
		3	15.05	0.12	15.17	30
		4	15.12	0.17	15.29	30
		5	15.27	0.23	15.50	30
		6	15.27	0.24	15.51	30
		7	15.12	0.27	15.39	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	14.97	0.12	15.09	30
		1	15.02	0.12	15.14	30
		2	14.96	0.14	15.11	30
		3	14.72	0.12	14.84	30
		4	14.71	0.18	14.88	30
		5	14.88	0.22	15.10	30
		6	14.87	0.25	15.12	30
		7	14.73	0.30	15.02	30
5795	159	0	15.10	0.12	15.22	30
		1	15.11	0.12	15.23	30
		2	15.05	0.14	15.20	30
		3	14.83	0.12	14.95	30
		4	14.92	0.18	15.09	30
		5	15.05	0.22	15.27	30
		6	14.98	0.25	15.23	30
		7	14.92	0.30	15.21	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.11	0.12	15.23	30
		1	15.13	0.12	15.24	30
		2	15.06	0.14	15.20	30
		3	14.87	0.13	15.00	30
		4	14.84	0.17	15.01	30
		5	15.01	0.21	15.22	30
		6	15.03	0.25	15.29	30
		7	14.93	0.30	15.23	30
5795	159	0	15.08	0.12	15.20	30
		1	15.07	0.12	15.19	30
		2	14.97	0.14	15.11	30
		3	14.74	0.13	14.86	30
		4	14.81	0.17	14.98	30
		5	14.98	0.21	15.19	30
		6	14.92	0.25	15.18	30
		7	14.85	0.30	15.15	30

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.43	0.12	15.55	30
		1	15.43	0.12	15.55	30
		2	15.36	0.14	15.49	30
		3	15.11	0.13	15.24	30
		4	15.14	0.18	15.32	30
		5	15.32	0.22	15.54	30
		6	15.30	0.25	15.56	30
		7	15.25	0.30	15.55	30
5795	159	0	15.41	0.12	15.53	30
		1	15.45	0.12	15.57	30
		2	15.39	0.14	15.52	30
		3	15.14	0.13	15.27	30
		4	15.17	0.18	15.35	30
		5	15.33	0.22	15.55	30
		6	15.35	0.25	15.60	30
		7	15.20	0.30	15.50	30

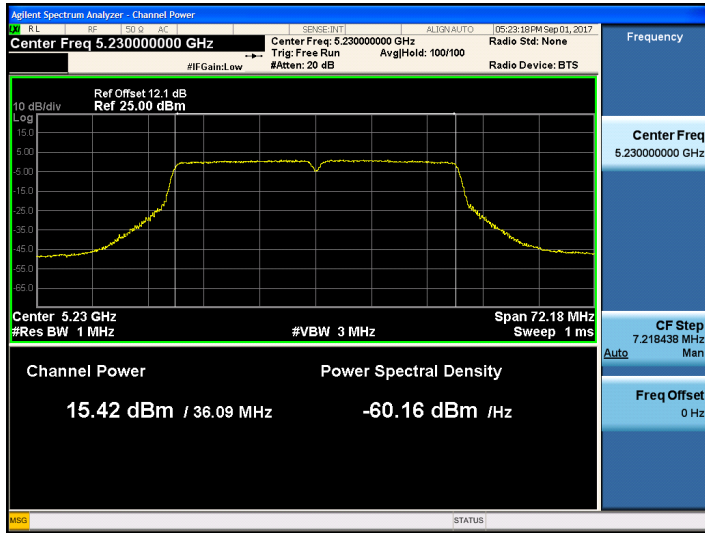
**TEST RESULTS\_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)**

Conducted Output Power Measurements (802.11n\_HT40 Mode: 5755~5795)

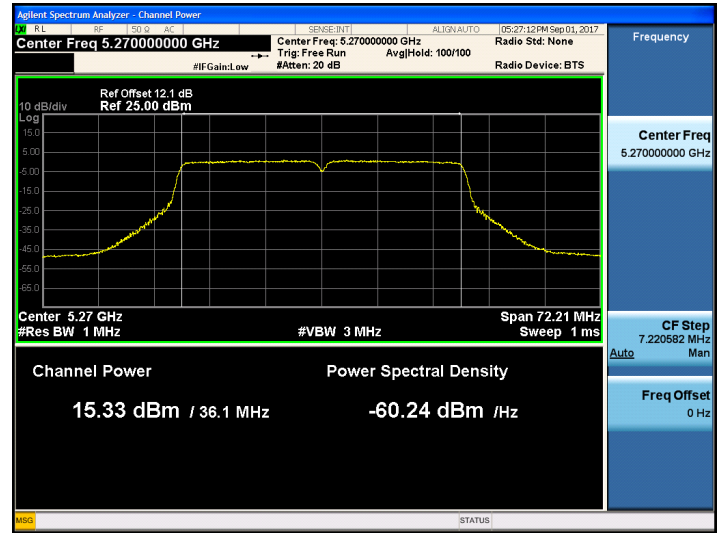
802.11n_HT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5755	151	0	21.35	27.43
		1	21.36	27.43
		2	21.32	27.43
		3	21.09	27.43
		4	21.13	27.43
		5	21.35	27.43
		6	21.38	27.43
		7	21.30	27.43
5795	159	0	21.37	27.43
		1	21.40	27.43
		2	21.33	27.43
		3	21.08	27.43
		4	21.20	27.43
		5	21.40	27.43
		6	21.40	27.43
		7	21.33	27.43

**TEST Plots for Ant.0\_802.11n\_HT40**

**802.11n\_HT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS6**



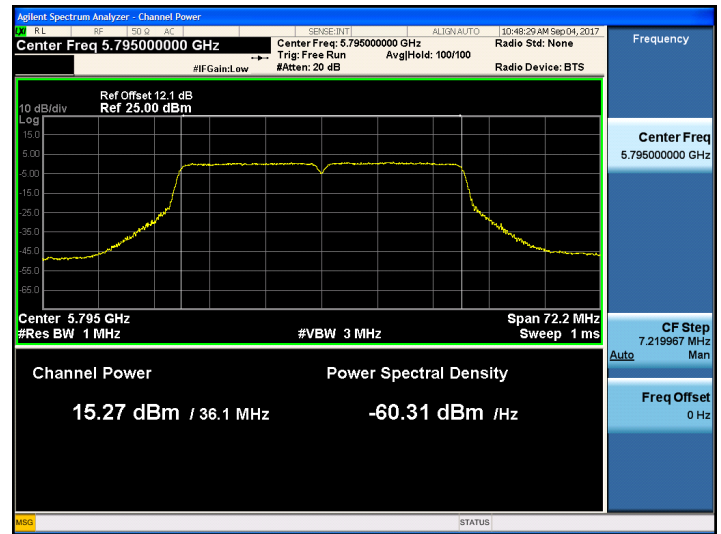
**802.11n\_HT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS6**



**802.11n\_HT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 142 MCS5**

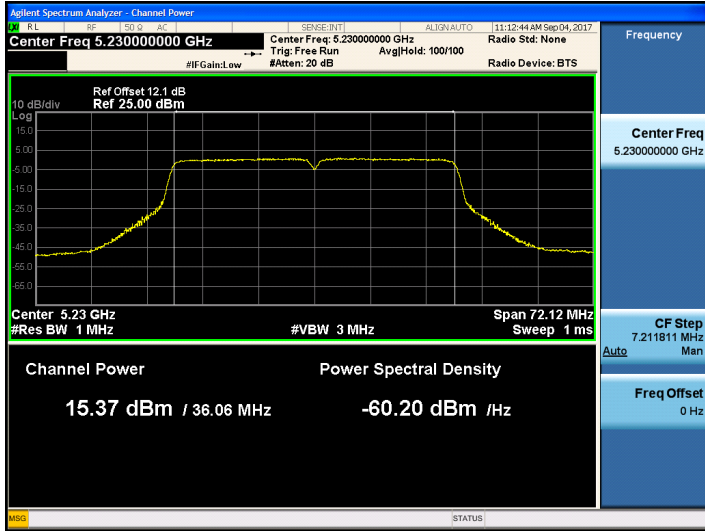


**802.11n\_HT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS6**



**TEST Plots for Ant.1\_802.11n\_HT40**

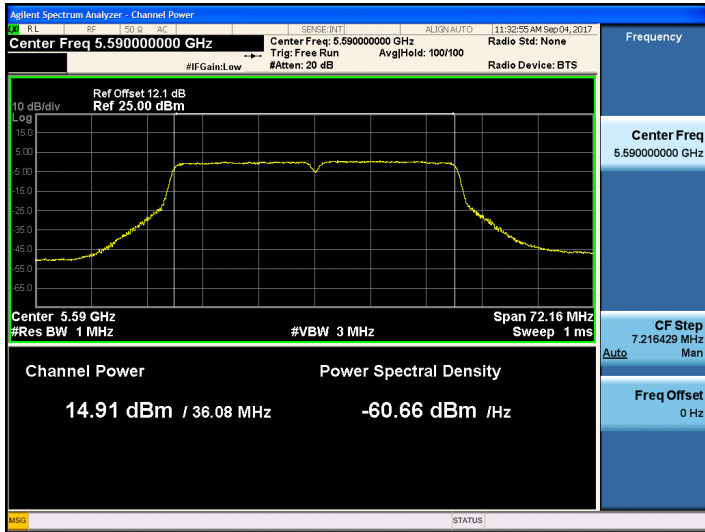
**802.11n\_HT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS5**



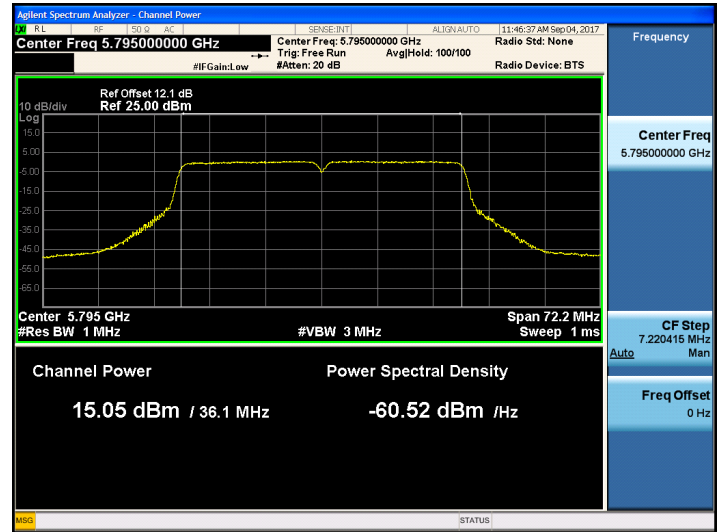
**802.11n\_HT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS6**



**802.11n\_HT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS6**



**802.11n\_HT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS5**

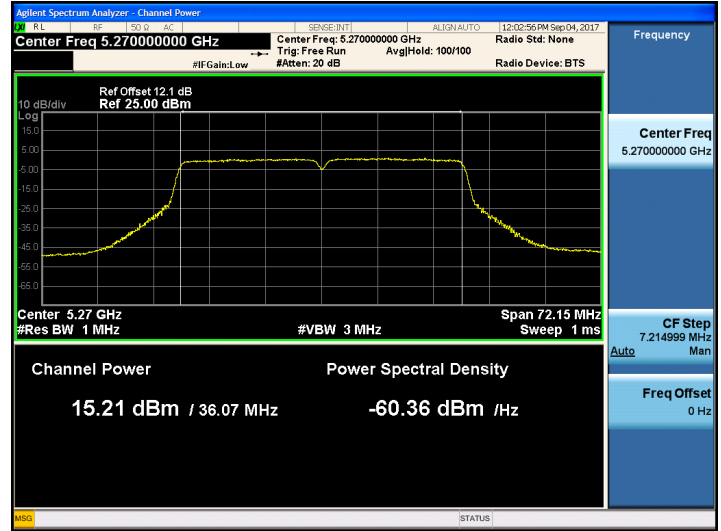


**TEST Plots for Ant.2\_802.11n\_HT40**

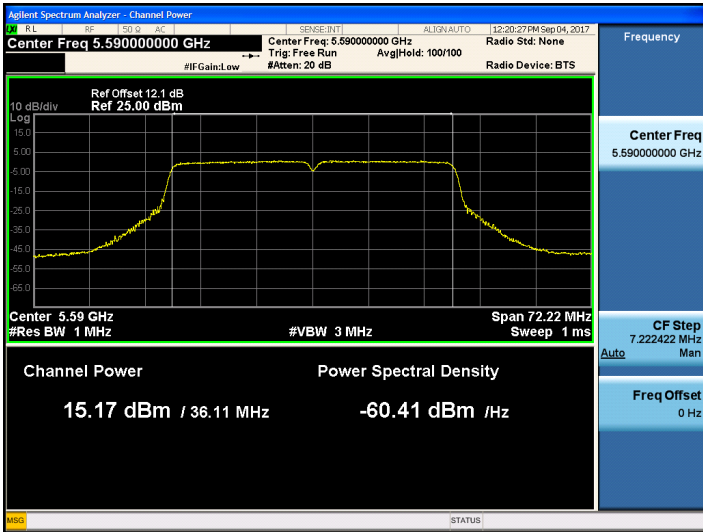
**802.11n\_HT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS5**



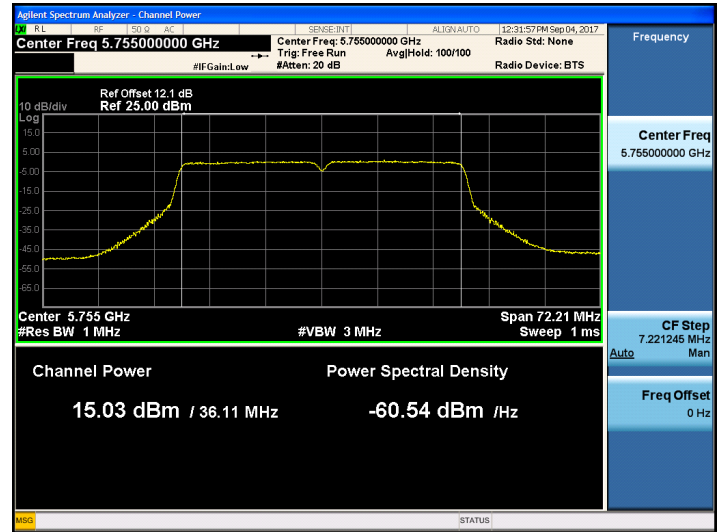
**802.11n\_HT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS6**



**802.11n\_HT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS5**

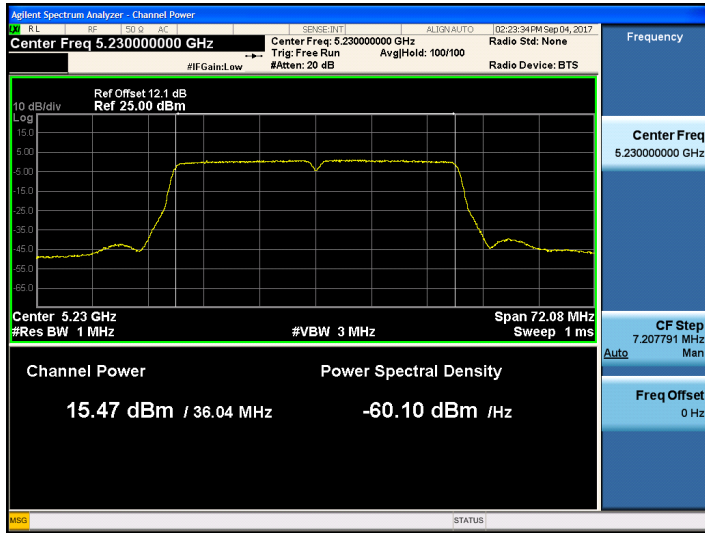


**802.11n\_HT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 151 MCS6**

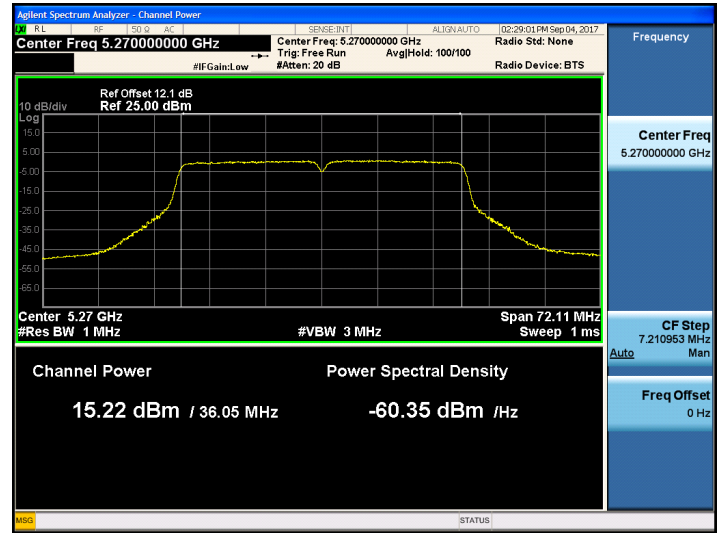


**TEST Plots for Ant.3\_802.11n\_HT40**

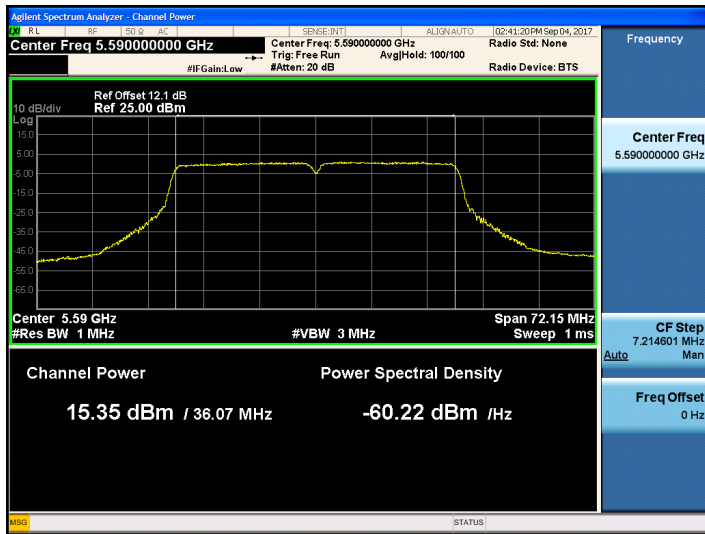
**802.11n\_HT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS1**



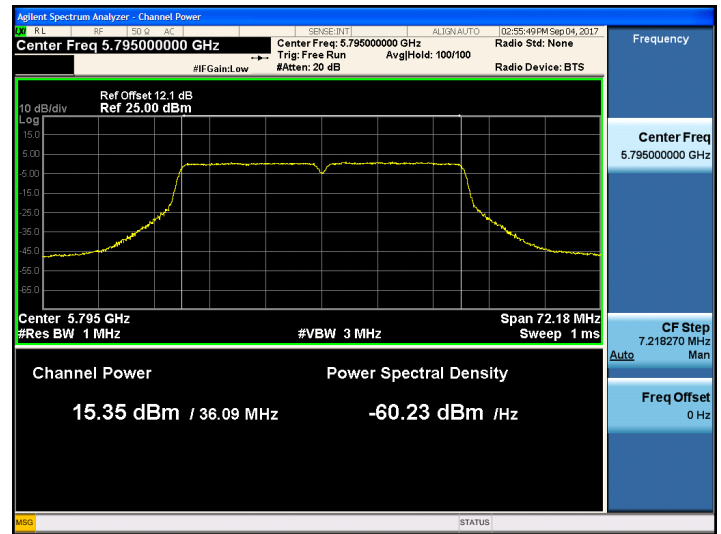
**802.11n\_HT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS6**



**802.11n\_HT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS5**



**802.11n\_HT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS6**



**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	10.03	0.12	10.14	23.98
		1	10.06	0.12	10.17	23.98
		2	10.01	0.14	10.15	23.98
		3	9.79	0.12	9.90	23.98
		4	9.77	0.16	9.93	23.98
		5	9.96	0.21	10.17	23.98
		6	9.92	0.24	10.15	23.98
		7	9.82	0.25	10.07	23.98
		8	9.82	0.32	10.14	23.98
		9	9.76	0.36	10.12	23.98
5230	46	0	15.52	0.12	15.64	23.98
		1	15.57	0.12	15.69	23.98
		2	15.38	0.14	15.51	23.98
		3	15.27	0.12	15.39	23.98
		4	15.33	0.16	15.49	23.98
		5	15.48	0.21	15.69	23.98
		6	15.52	0.24	15.75	23.98
		7	15.41	0.25	15.66	23.98
		8	15.43	0.32	15.75	23.98
		9	15.43	0.36	15.79	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	9.94	0.11	10.05	23.98
		1	9.95	0.11	10.05	23.98
		2	9.84	0.14	9.98	23.98
		3	9.61	0.12	9.73	23.98
		4	9.64	0.17	9.81	23.98
		5	9.82	0.20	10.02	23.98
		6	9.75	0.24	10.00	23.98
		7	9.70	0.25	9.95	23.98
		8	9.74	0.32	10.06	23.98
		9	9.65	0.31	9.96	23.98
5230	46	0	15.55	0.11	15.66	23.98
		1	15.59	0.11	15.70	23.98
		2	15.50	0.14	15.64	23.98
		3	15.30	0.12	15.42	23.98
		4	15.32	0.17	15.49	23.98
		5	15.50	0.20	15.71	23.98
		6	15.45	0.24	15.70	23.98
		7	15.41	0.25	15.66	23.98
		8	15.33	0.32	15.65	23.98
		9	15.33	0.31	15.64	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	9.90	0.12	10.02	23.98
		1	9.98	0.12	10.10	23.98
		2	9.86	0.13	9.99	23.98
		3	9.69	0.11	9.80	23.98
		4	9.71	0.16	9.87	23.98
		5	9.84	0.21	10.05	23.98
		6	9.75	0.24	9.98	23.98
		7	9.73	0.26	9.99	23.98
		8	9.76	0.32	10.08	23.98
		9	9.64	0.32	9.96	23.98
5230	46	0	15.43	0.12	15.55	23.98
		1	15.44	0.12	15.55	23.98
		2	15.33	0.13	15.46	23.98
		3	15.14	0.11	15.25	23.98
		4	15.16	0.16	15.32	23.98
		5	15.36	0.21	15.57	23.98
		6	15.32	0.24	15.56	23.98
		7	15.26	0.26	15.52	23.98
		8	15.28	0.32	15.60	23.98
		9	15.21	0.32	15.53	23.98

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5190	38	0	9.78	0.12	9.89	23.98
		1	9.84	0.12	9.95	23.98
		2	9.75	0.14	9.89	23.98
		3	9.52	0.11	9.64	23.98
		4	9.56	0.15	9.71	23.98
		5	9.74	0.21	9.95	23.98
		6	9.73	0.24	9.96	23.98
		7	9.64	0.26	9.90	23.98
		8	9.72	0.32	10.04	23.98
		9	9.60	0.32	9.92	23.98
5230	46	0	15.21	0.12	15.32	23.98
		1	15.24	0.12	15.35	23.98
		2	15.13	0.14	15.27	23.98
		3	14.94	0.11	15.05	23.98
		4	14.97	0.15	15.12	23.98
		5	15.15	0.21	15.36	23.98
		6	15.13	0.24	15.37	23.98
		7	15.09	0.26	15.35	23.98
		8	15.08	0.32	15.41	23.98
		9	15.03	0.32	15.35	23.98

**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	16.05	28.87
		1	16.09	28.87
		2	16.02	28.87
		3	15.79	28.87
		4	15.85	28.87
		5	16.07	28.87
		6	16.04	28.87
		7	16.00	28.87
		8	16.10	28.87
		9	16.01	28.87
5230	46	0	21.56	28.87
		1	21.59	28.87
		2	21.49	28.87
		3	21.30	28.87
		4	21.38	28.87
		5	21.60	28.87
		6	21.62	28.87
		7	21.57	28.87
		8	21.62	28.87
		9	21.60	28.87

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.54	0.12	15.65	23.98
		1	15.58	0.12	15.70	23.98
		2	15.61	0.14	15.75	23.98
		3	15.27	0.12	15.39	23.98
		4	15.31	0.16	15.47	23.98
		5	15.51	0.21	15.72	23.98
		6	15.46	0.24	15.69	23.98
		7	15.40	0.25	15.65	23.98
		8	15.40	0.32	15.72	23.98
		9	15.38	0.36	15.73	23.98
5310	62	0	11.17	0.12	11.29	23.98
		1	11.18	0.12	11.30	23.98
		2	11.09	0.14	11.23	23.98
		3	10.87	0.12	10.99	23.98
		4	10.89	0.16	11.05	23.98
		5	11.03	0.21	11.24	23.98
		6	11.05	0.24	11.28	23.98
		7	10.92	0.25	11.17	23.98
		8	11.01	0.32	11.33	23.98
		9	10.87	0.36	11.23	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.44	0.11	15.55	23.98
		1	15.44	0.11	15.54	23.98
		2	15.37	0.14	15.51	23.98
		3	15.17	0.12	15.29	23.98
		4	15.19	0.17	15.36	23.98
		5	15.35	0.20	15.55	23.98
		6	15.30	0.24	15.55	23.98
		7	15.26	0.25	15.51	23.98
		8	15.24	0.32	15.56	23.98
		9	15.21	0.31	15.52	23.98
5310	62	0	11.39	0.11	11.50	23.98
		1	11.35	0.11	11.46	23.98
		2	11.32	0.14	11.46	23.98
		3	11.13	0.12	11.25	23.98
		4	11.14	0.17	11.31	23.98
		5	11.32	0.20	11.53	23.98
		6	11.24	0.24	11.48	23.98
		7	11.21	0.25	11.46	23.98
		8	11.20	0.32	11.52	23.98
		9	11.17	0.31	11.48	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.38	0.12	15.50	23.98
		1	15.35	0.12	15.47	23.98
		2	15.30	0.13	15.43	23.98
		3	15.10	0.11	15.22	23.98
		4	15.07	0.16	15.23	23.98
		5	15.27	0.21	15.49	23.98
		6	15.24	0.24	15.48	23.98
		7	15.21	0.26	15.47	23.98
		8	15.18	0.32	15.49	23.98
		9	15.16	0.32	15.48	23.98
5310	62	0	10.79	0.12	10.91	23.98
		1	10.84	0.12	10.96	23.98
		2	10.74	0.13	10.87	23.98
		3	10.58	0.11	10.69	23.98
		4	10.56	0.16	10.72	23.98
		5	10.78	0.21	10.99	23.98
		6	10.72	0.24	10.96	23.98
		7	10.67	0.26	10.93	23.98
		8	10.68	0.32	10.99	23.98
		9	10.63	0.32	10.95	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5270	54	0	15.19	0.12	15.31	23.98
		1	15.21	0.12	15.33	23.98
		2	15.14	0.14	15.28	23.98
		3	14.91	0.11	15.02	23.98
		4	14.95	0.15	15.10	23.98
		5	15.17	0.21	15.38	23.98
		6	15.14	0.24	15.38	23.98
		7	15.07	0.26	15.33	23.98
		8	15.08	0.32	15.40	23.98
		9	14.98	0.32	15.30	23.98
5310	62	0	11.23	0.12	11.35	23.98
		1	11.26	0.12	11.37	23.98
		2	11.19	0.14	11.32	23.98
		3	10.96	0.11	11.08	23.98
		4	10.98	0.15	11.13	23.98
		5	11.16	0.21	11.37	23.98
		6	11.11	0.24	11.35	23.98
		7	11.04	0.26	11.30	23.98
		8	11.07	0.32	11.40	23.98
		9	10.99	0.32	11.31	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				
Frequency [MHz]	Channel No.	MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
5270	54	0	21.52	22.57
		1	21.53	22.57
		2	21.51	22.57
		3	21.25	22.57
		4	21.31	22.57
		5	21.56	22.57
		6	21.55	22.57
		7	21.51	22.57
		8	21.56	22.57
		9	21.53	22.57
5310	62	0	17.29	22.57
		1	17.30	22.57
		2	17.24	22.57
		3	17.03	22.57
		4	17.08	22.57
		5	17.31	22.57
		6	17.29	22.57
		7	17.24	22.57
		8	17.33	22.57
		9	17.27	22.57

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	13.12	0.12	13.23	23.98
		1	13.14	0.12	13.25	23.98
		2	13.06	0.14	13.19	23.98
		3	12.89	0.12	13.00	23.98
		4	12.88	0.16	13.04	23.98
		5	13.02	0.21	13.23	23.98
		6	13.00	0.24	13.23	23.98
		7	12.94	0.25	13.19	23.98
		8	12.99	0.32	13.31	23.98
		9	12.89	0.36	13.25	23.98
5590	118	0	15.34	0.12	15.45	23.98
		1	15.37	0.12	15.49	23.98
		2	15.24	0.14	15.38	23.98
		3	15.02	0.12	15.14	23.98
		4	15.02	0.16	15.18	23.98
		5	15.25	0.21	15.46	23.98
		6	15.17	0.24	15.41	23.98
		7	15.12	0.25	15.37	23.98
		8	15.11	0.32	15.43	23.98
		9	15.09	0.36	15.44	23.98
5710	142	0	15.16	0.12	15.28	23.98
		1	15.21	0.12	15.33	23.98
		2	15.22	0.14	15.36	23.98
		3	14.89	0.12	15.01	23.98
		4	14.91	0.16	15.07	23.98
		5	15.12	0.21	15.33	23.98
		6	15.04	0.24	15.28	23.98
		7	15.01	0.25	15.26	23.98
		8	15.03	0.32	15.35	23.98
		9	14.99	0.36	15.35	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	13.04	0.11	13.15	23.98
		1	13.07	0.11	13.17	23.98
		2	13.05	0.14	13.19	23.98
		3	12.72	0.12	12.83	23.98
		4	12.76	0.17	12.93	23.98
		5	12.94	0.20	13.14	23.98
		6	12.90	0.24	13.15	23.98
		7	12.84	0.25	13.09	23.98
		8	12.78	0.32	13.10	23.98
		9	12.78	0.31	13.09	23.98
5590	118	0	15.21	0.11	15.32	23.98
		1	15.23	0.11	15.34	23.98
		2	15.13	0.14	15.26	23.98
		3	14.92	0.12	15.04	23.98
		4	14.91	0.17	15.08	23.98
		5	15.14	0.20	15.34	23.98
		6	15.09	0.24	15.33	23.98
		7	15.04	0.25	15.29	23.98
		8	15.05	0.32	15.37	23.98
		9	14.97	0.31	15.29	23.98
5710	142	0	14.96	0.11	15.07	23.98
		1	14.97	0.11	15.08	23.98
		2	14.87	0.14	15.01	23.98
		3	14.69	0.12	14.80	23.98
		4	14.69	0.17	14.86	23.98
		5	14.89	0.20	15.09	23.98
		6	14.86	0.24	15.11	23.98
		7	14.82	0.25	15.07	23.98
		8	14.76	0.32	15.08	23.98
		9	14.74	0.31	15.06	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	13.00	0.12	13.12	23.98
		1	13.06	0.12	13.17	23.98
		2	12.95	0.13	13.08	23.98
		3	12.74	0.11	12.85	23.98
		4	12.78	0.16	12.94	23.98
		5	12.89	0.21	13.10	23.98
		6	12.90	0.24	13.14	23.98
		7	12.82	0.26	13.08	23.98
		8	12.82	0.32	13.14	23.98
		9	12.74	0.32	13.07	23.98
5590	118	0	15.23	0.12	15.34	23.98
		1	15.28	0.12	15.40	23.98
		2	15.22	0.13	15.35	23.98
		3	14.99	0.11	15.11	23.98
		4	15.02	0.16	15.18	23.98
		5	15.24	0.21	15.46	23.98
		6	15.19	0.24	15.43	23.98
		7	15.10	0.26	15.36	23.98
		8	15.09	0.32	15.41	23.98
		9	15.09	0.32	15.41	23.98
5710	142	0	15.09	0.12	15.21	23.98
		1	15.11	0.12	15.23	23.98
		2	15.03	0.13	15.16	23.98
		3	14.78	0.11	14.89	23.98
		4	14.83	0.16	14.99	23.98
		5	15.00	0.21	15.21	23.98
		6	14.95	0.24	15.18	23.98
		7	14.87	0.26	15.13	23.98
		8	14.90	0.32	15.21	23.98
		9	14.85	0.32	15.18	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5510	102	0	12.88	0.12	13.00	23.98
		1	12.89	0.12	13.01	23.98
		2	12.82	0.14	12.96	23.98
		3	12.60	0.11	12.71	23.98
		4	12.60	0.15	12.75	23.98
		5	12.77	0.21	12.98	23.98
		6	12.76	0.24	13.00	23.98
		7	12.68	0.26	12.94	23.98
		8	12.70	0.32	13.02	23.98
		9	12.61	0.32	12.94	23.98
5590	118	0	15.17	0.12	15.28	23.98
		1	15.18	0.12	15.29	23.98
		2	15.07	0.14	15.20	23.98
		3	14.87	0.11	14.99	23.98
		4	14.91	0.15	15.06	23.98
		5	15.10	0.21	15.31	23.98
		6	15.02	0.24	15.25	23.98
		7	14.99	0.26	15.25	23.98
		8	14.99	0.32	15.31	23.98
		9	14.97	0.32	15.29	23.98
5710	142	0	15.02	0.12	15.14	23.98
		1	15.04	0.12	15.15	23.98
		2	14.99	0.14	15.13	23.98
		3	14.74	0.11	14.86	23.98
		4	14.76	0.15	14.91	23.98
		5	14.92	0.21	15.13	23.98
		6	14.87	0.24	15.10	23.98
		7	14.80	0.26	15.06	23.98
		8	14.84	0.32	15.16	23.98
		9	14.78	0.32	15.11	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	19.15	22.86
		1	19.17	22.86
		2	19.13	22.86
		3	18.87	22.86
		4	18.94	22.86
		5	19.13	22.86
		6	19.15	22.86
		7	19.10	22.86
		8	19.16	22.86
		9	19.11	22.86
5590	118	0	21.37	22.86
		1	21.40	22.86
		2	21.32	22.86
		3	21.09	22.86
		4	21.15	22.86
		5	21.41	22.86
		6	21.38	22.86
		7	21.34	22.86
		8	21.40	22.86
		9	21.38	22.86
5710	142	0	21.20	22.86
		1	21.22	22.86
		2	21.19	22.86
		3	20.91	22.86
		4	20.98	22.86
		5	21.21	22.86
		6	21.19	22.86
		7	21.15	22.86
		8	21.22	22.86
		9	21.20	22.86

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.35	0.12	15.47	30
		1	15.41	0.12	15.53	30
		2	15.32	0.14	15.46	30
		3	15.11	0.12	15.23	30
		4	15.14	0.16	15.30	30
		5	15.32	0.21	15.53	30
		6	15.26	0.24	15.50	30
		7	15.24	0.25	15.49	30
		8	15.14	0.32	15.46	30
		9	15.15	0.36	15.51	30
5795	159	0	15.41	0.12	15.53	30
		1	15.41	0.12	15.53	30
		2	15.29	0.14	15.43	30
		3	15.12	0.12	15.23	30
		4	15.12	0.16	15.28	30
		5	15.33	0.21	15.54	30
		6	15.28	0.24	15.51	30
		7	15.22	0.25	15.47	30
		8	15.16	0.32	15.47	30
		9	15.14	0.36	15.50	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.15	0.11	15.26	30
		1	15.18	0.11	15.29	30
		2	15.16	0.14	15.30	30
		3	14.91	0.12	15.03	30
		4	14.94	0.17	15.11	30
		5	15.07	0.20	15.27	30
		6	15.06	0.24	15.31	30
		7	14.94	0.25	15.19	30
		8	14.91	0.32	15.23	30
		9	14.93	0.31	15.24	30
5795	159	0	15.31	0.11	15.42	30
		1	15.28	0.11	15.38	30
		2	15.23	0.14	15.37	30
		3	14.99	0.12	15.11	30
		4	15.05	0.17	15.22	30
		5	15.19	0.20	15.40	30
		6	15.18	0.24	15.43	30
		7	15.10	0.25	15.35	30
		8	15.04	0.32	15.35	30
		9	15.01	0.31	15.32	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.28	0.12	15.40	30
		1	15.28	0.12	15.39	30
		2	15.18	0.13	15.31	30
		3	14.94	0.11	15.06	30
		4	14.98	0.16	15.14	30
		5	15.16	0.21	15.37	30
		6	15.13	0.24	15.37	30
		7	15.06	0.26	15.32	30
		8	15.04	0.32	15.36	30
		9	15.03	0.32	15.36	30
5795	159	0	15.21	0.12	15.33	30
		1	15.27	0.12	15.38	30
		2	15.22	0.13	15.35	30
		3	14.97	0.11	15.09	30
		4	14.99	0.16	15.15	30
		5	15.14	0.21	15.36	30
		6	15.13	0.24	15.36	30
		7	15.08	0.26	15.34	30
		8	15.07	0.32	15.39	30
		9	15.02	0.32	15.34	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5755	151	0	15.30	0.12	15.42	30
		1	15.34	0.12	15.46	30
		2	15.25	0.14	15.39	30
		3	15.02	0.11	15.13	30
		4	15.05	0.15	15.20	30
		5	15.20	0.21	15.41	30
		6	15.16	0.24	15.40	30
		7	15.04	0.26	15.30	30
		8	15.06	0.32	15.38	30
		9	15.05	0.32	15.37	30
5795	159	0	15.43	0.12	15.55	30
		1	15.46	0.12	15.58	30
		2	15.34	0.14	15.48	30
		3	15.13	0.11	15.24	30
		4	15.15	0.15	15.30	30
		5	15.30	0.21	15.51	30
		6	15.26	0.24	15.49	30
		7	15.23	0.26	15.49	30
		8	15.19	0.32	15.51	30
		9	15.19	0.32	15.51	30

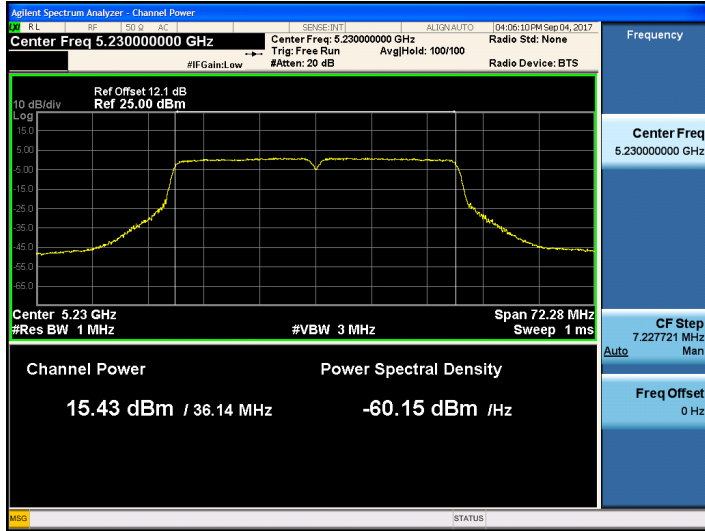
**TEST RESULTS\_ Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 3)**

Conducted Output Power Measurements (802.11ac\_VHT40 Mode: 5755~5795)

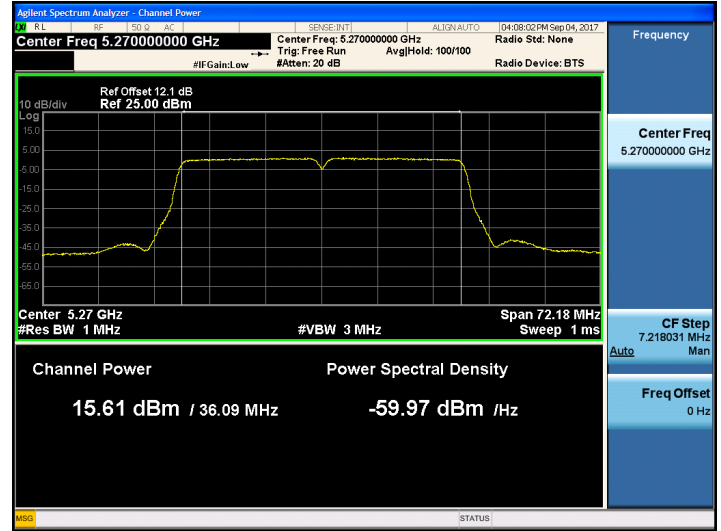
802.11ac_VHT40 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5755	151	0	21.41	22.86
		1	21.44	22.86
		2	21.39	22.86
		3	21.13	22.86
		4	21.21	22.86
		5	21.42	22.86
		6	21.42	22.86
		7	21.35	22.86
		8	21.38	22.86
		9	21.39	22.86
5795	159	0	21.48	22.86
		1	21.49	22.86
		2	21.43	22.86
		3	21.19	22.86
		4	21.26	22.86
		5	21.47	22.86
		6	21.47	22.86
		7	21.43	22.86
		8	21.45	22.86
		9	21.44	22.86

**TEST Plots for Ant.0\_802.11ac\_VHT40**

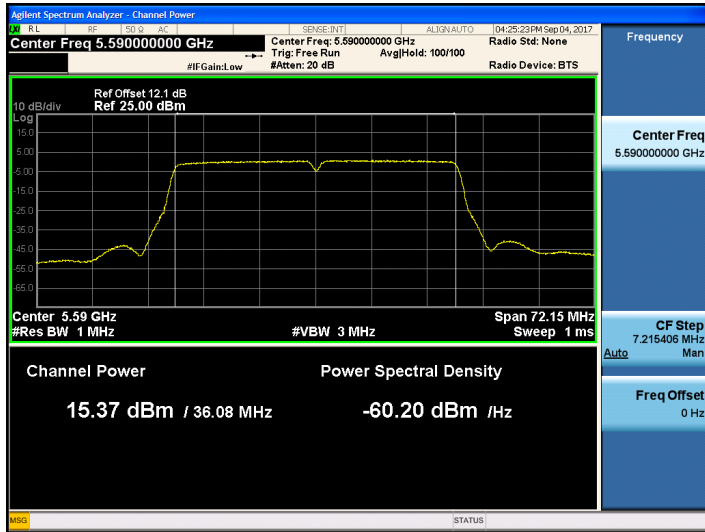
**802.11ac\_VHT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS9**



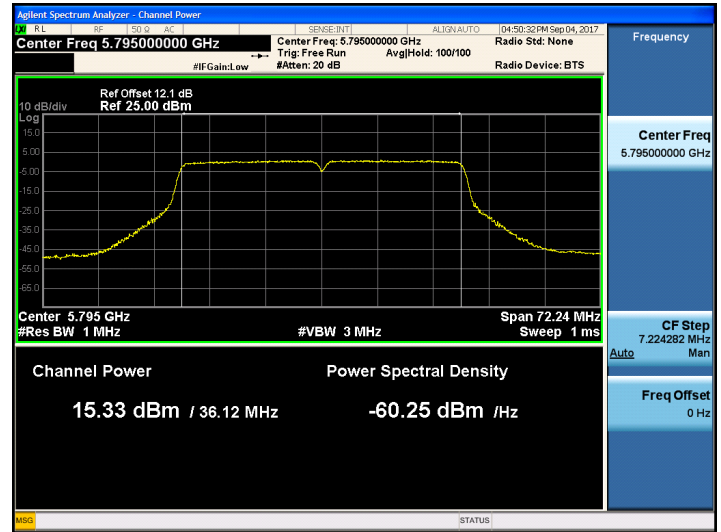
**802.11ac\_VHT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS2**



**802.11ac\_VHT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS1**

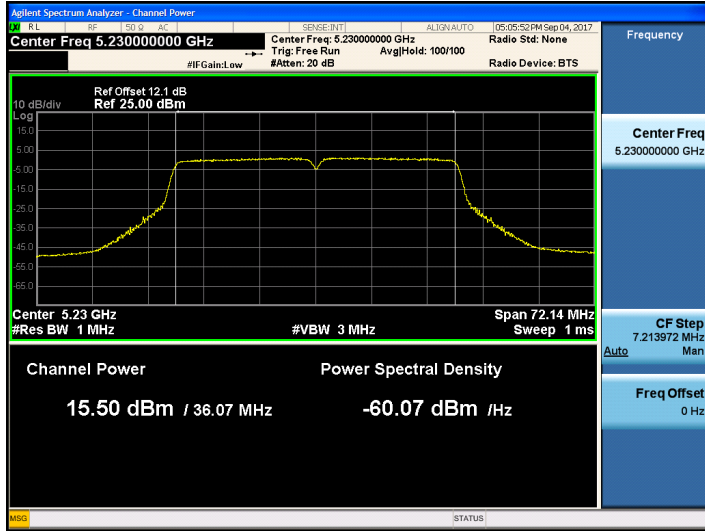


**802.11ac\_VHT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS5**

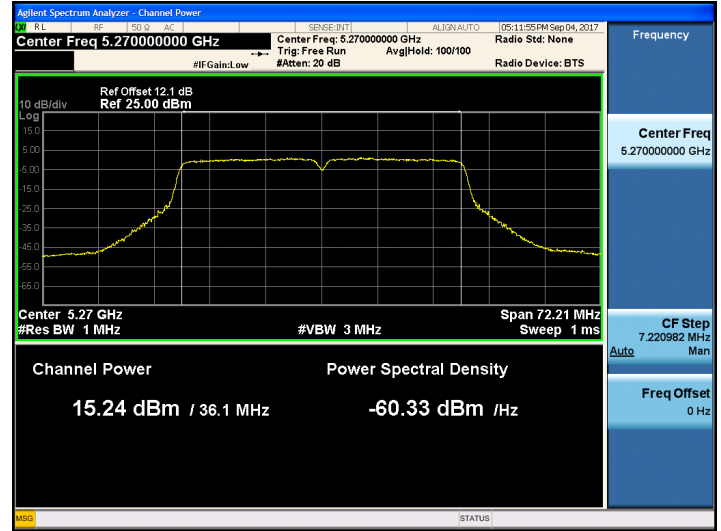


**TEST Plots for Ant.1\_802.11ac\_VHT40**

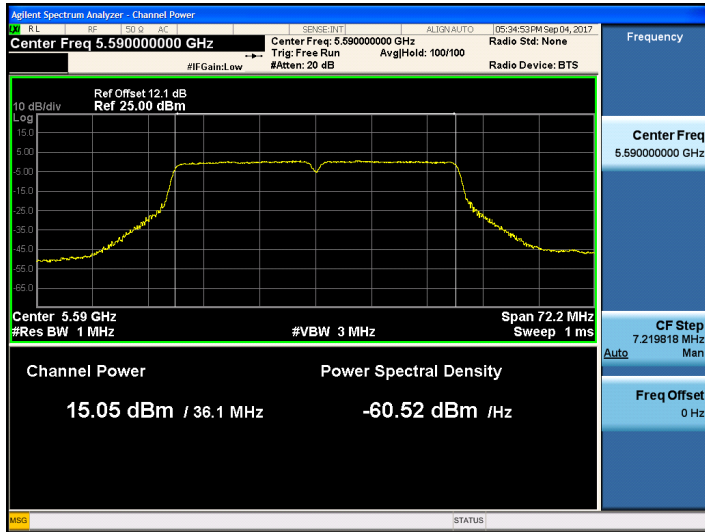
**802.11ac\_VHT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS5**



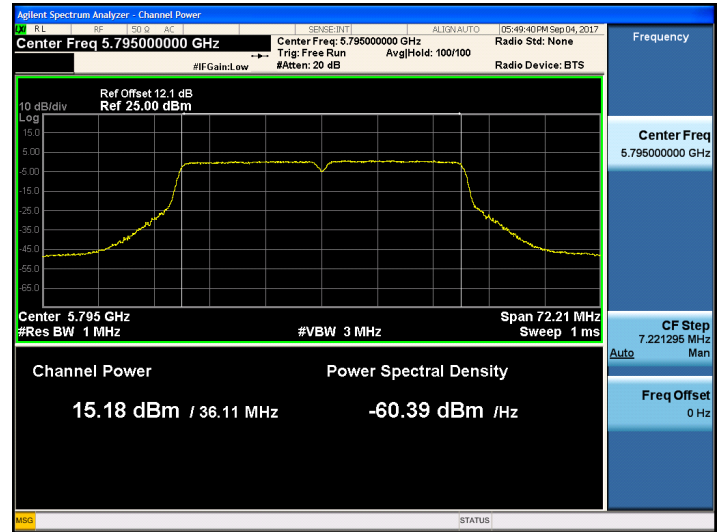
**802.11ac\_VHT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS8**



**802.11ac\_VHT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS8**

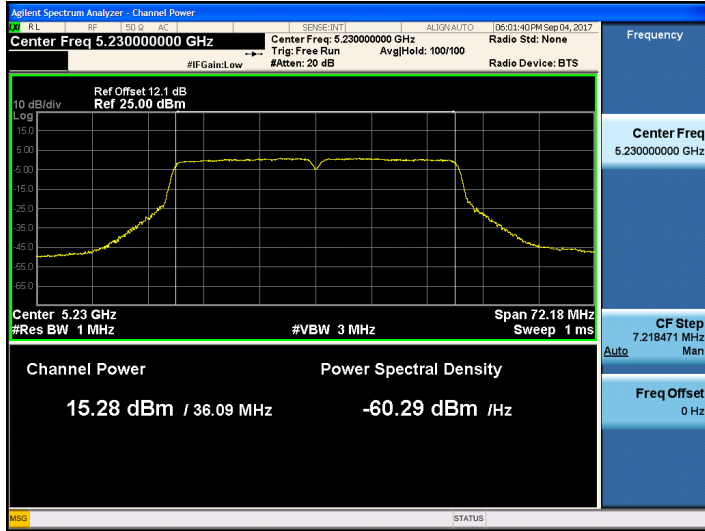


**802.11ac\_VHT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS6**

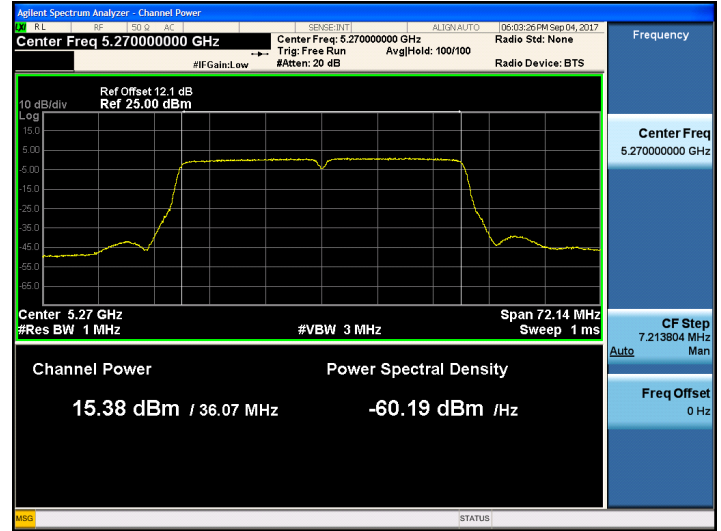


**TEST Plots for Ant.2\_802.11ac\_VHT40**

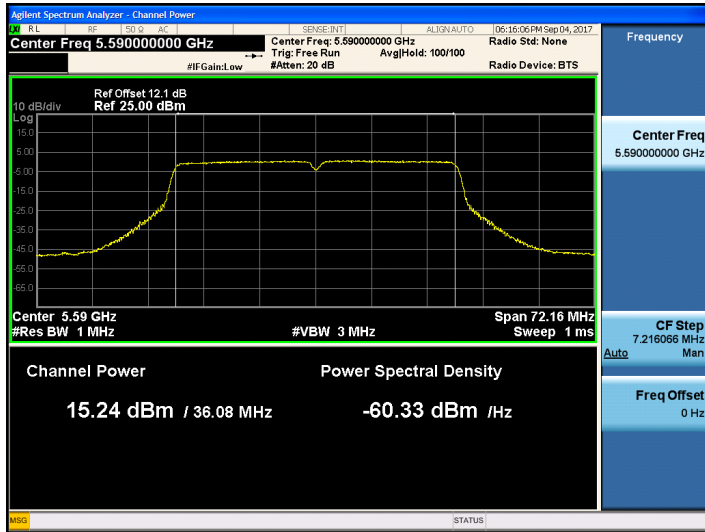
**802.11ac\_VHT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS8**



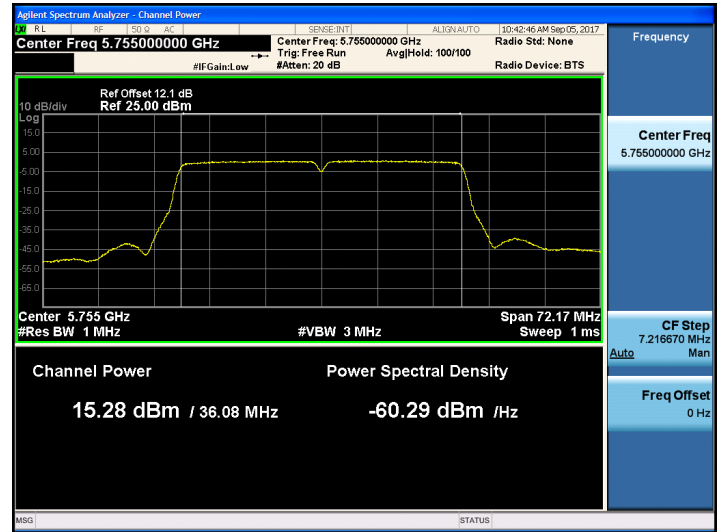
**802.11ac\_VHT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS0**



**802.11ac\_VHT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS5**

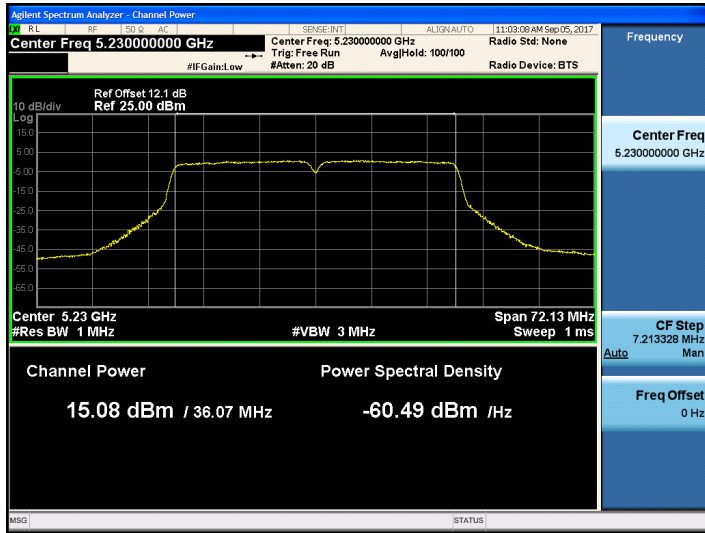


**802.11ac\_VHT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 151 MCS0**



**TEST Plots for Ant.3\_802.11ac\_VHT40**

**802.11ac\_VHT40 UNII 1 BAND Average Power  
(5190 MHz ~5230 MHz) CH 46 MCS8**



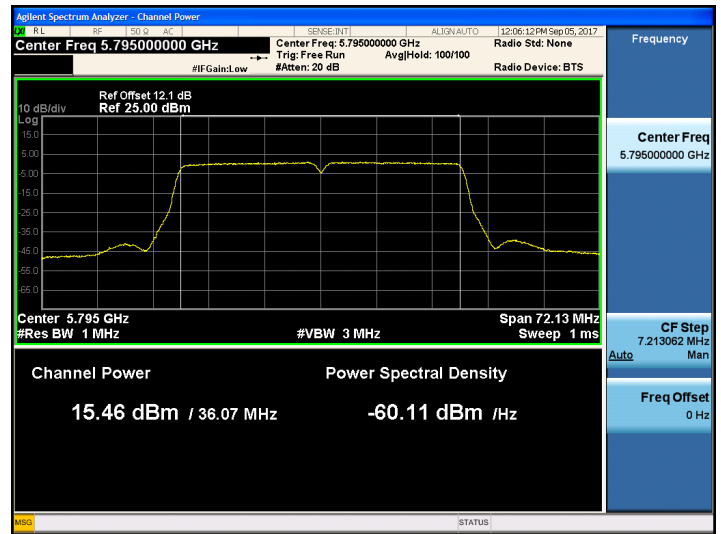
**802.11ac\_VHT40 UNII 2A BAND Average Power  
(5270 MHz ~5310 MHz) CH 54 MCS8**



**802.11ac\_VHT40 UNII 2C BAND Average Power  
(5510 MHz ~5670 MHz) CH 118 MCS8**



**802.11ac\_VHT40 UNII 3 BAND Average Power  
(5755 MHz ~5795 MHz) CH 159 MCS1**



**Ant.0**

**802.11ac\_VHT80 (UNII 1)**

**TEST RESULTS**

**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5210)**

802.11ac_VHT80 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	7.22	0.22	7.43	23.98
		1	7.29	0.23	7.52	23.98
		2	7.00	0.27	7.28	23.98
		3	7.12	0.23	7.34	23.98
		4	7.04	0.33	7.37	23.98
		5	6.98	0.42	7.40	23.98
		6	7.03	0.48	7.51	23.98
		7	6.98	0.50	7.48	23.98
		8	6.88	0.63	7.50	23.98
		9	6.80	0.66	7.45	23.98

**Ant.1**

**802.11ac\_VHT80 (UNII 1)**

**TEST RESULTS**

**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5210)**

802.11ac_VHT80 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	7.40	0.22	7.62	23.98
		1	7.48	0.23	7.71	23.98
		2	7.07	0.26	7.33	23.98
		3	7.16	0.23	7.39	23.98
		4	7.14	0.33	7.48	23.98
		5	7.08	0.41	7.49	23.98
		6	7.10	0.47	7.56	23.98
		7	7.08	0.51	7.59	23.98
		8	7.00	0.60	7.60	23.98
		9	6.89	0.66	7.55	23.98

**Ant.2**

**802.11ac\_VHT80 (UNII 1)**

**TEST RESULTS**

**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5210)**

802.11ac_VHT80 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	7.27	0.22	7.49	23.98
		1	7.34	0.23	7.57	23.98
		2	6.99	0.32	7.31	23.98
		3	7.08	0.23	7.31	23.98
		4	7.05	0.34	7.38	23.98
		5	6.99	0.44	7.43	23.98
		6	6.99	0.48	7.47	23.98
		7	6.88	0.50	7.38	23.98
		8	6.74	0.63	7.37	23.98
		9	6.71	0.66	7.37	23.98

**Ant.3**

**802.11ac\_VHT80 (UNII 1)**

**TEST RESULTS**

**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5210)**

802.11ac_VHT80 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	7.22	0.22	7.44	23.98
		1	7.27	0.22	7.49	23.98
		2	6.94	0.26	7.21	23.98
		3	7.06	0.23	7.29	23.98
		4	6.98	0.33	7.31	23.98
		5	6.90	0.41	7.31	23.98
		6	6.96	0.47	7.43	23.98
		7	6.94	0.59	7.54	23.98
		8	6.83	0.63	7.47	23.98
		9	6.74	0.67	7.41	23.98

**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	13.52	28.87
		1	13.59	28.87
		2	13.30	28.87
		3	13.35	28.87
		4	13.41	28.87
		5	13.43	28.87
		6	13.51	28.87
		7	13.52	28.87
		8	13.51	28.87
		9	13.47	28.87

**Ant.0**
**802.11ac\_VHT80 (UNII 2A)**
**TEST RESULTS**
**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5290)**

802.11ac_VHT80 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	9.10	0.22	9.31	23.98
		1	9.22	0.23	9.44	23.98
		2	8.79	0.27	9.06	23.98
		3	8.93	0.23	9.16	23.98
		4	8.89	0.33	9.22	23.98
		5	8.79	0.42	9.21	23.98
		6	8.85	0.48	9.33	23.98
		7	8.80	0.50	9.30	23.98
		8	8.68	0.63	9.31	23.98
		9	8.59	0.66	9.25	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	9.59	0.22	9.80	23.98
		1	9.68	0.23	9.91	23.98
		2	9.34	0.26	9.60	23.98
		3	9.44	0.23	9.67	23.98
		4	9.33	0.33	9.67	23.98
		5	9.28	0.41	9.69	23.98
		6	9.31	0.47	9.77	23.98
		7	9.26	0.51	9.77	23.98
		8	9.15	0.60	9.75	23.98
		9	9.07	0.66	9.72	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	8.79	0.22	9.01	23.98
		1	9.00	0.23	9.23	23.98
		2	8.64	0.32	8.96	23.98
		3	8.78	0.23	9.01	23.98
		4	8.70	0.34	9.04	23.98
		5	8.64	0.44	9.07	23.98
		6	8.63	0.48	9.12	23.98
		7	8.61	0.50	9.11	23.98
		8	8.48	0.63	9.11	23.98
		9	8.37	0.66	9.03	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5290	58	0	9.20	0.22	9.42	23.98
		1	9.26	0.22	9.48	23.98
		2	8.81	0.26	9.08	23.98
		3	8.94	0.23	9.17	23.98
		4	8.88	0.33	9.21	23.98
		5	8.80	0.41	9.22	23.98
		6	8.82	0.47	9.29	23.98
		7	8.82	0.59	9.41	23.98
		8	8.72	0.63	9.35	23.98
		9	8.59	0.67	9.26	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	15.41	22.57
		1	15.54	22.57
		2	15.20	22.57
		3	15.28	22.57
		4	15.31	22.57
		5	15.32	22.57
		6	15.40	22.57
		7	15.42	22.57
		8	15.40	22.57
		9	15.34	22.57

**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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	8.55	0.22	8.77	23.98
		1	8.67	0.23	8.89	23.98
		2	8.18	0.27	8.45	23.98
		3	8.28	0.23	8.51	23.98
		4	8.28	0.33	8.61	23.98
		5	8.17	0.42	8.59	23.98
		6	8.22	0.48	8.70	23.98
		7	8.17	0.50	8.68	23.98
		8	8.05	0.63	8.68	23.98
		9	7.98	0.66	8.64	23.98
5610	122	0	14.83	0.22	15.04	23.98
		1	14.95	0.23	15.17	23.98
		2	14.44	0.27	14.71	23.98
		3	14.59	0.23	14.82	23.98
		4	14.52	0.33	14.85	23.98
		5	14.47	0.42	14.89	23.98
		6	14.50	0.48	14.98	23.98
		7	14.46	0.50	14.96	23.98
		8	14.30	0.63	14.93	23.98
		9	14.21	0.66	14.87	23.98
5690	138	0	14.92	0.22	15.13	23.98
		1	15.00	0.23	15.23	23.98
		2	14.55	0.27	14.82	23.98
		3	14.67	0.23	14.89	23.98
		4	14.58	0.33	14.90	23.98
		5	14.60	0.42	15.02	23.98
		6	14.59	0.48	15.07	23.98
		7	14.52	0.50	15.03	23.98
		8	14.42	0.63	15.04	23.98
		9	14.32	0.66	14.98	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	8.47	0.22	8.68	23.98
		1	8.55	0.23	8.78	23.98
		2	8.14	0.26	8.40	23.98
		3	8.30	0.23	8.53	23.98
		4	8.23	0.33	8.56	23.98
		5	8.22	0.41	8.63	23.98
		6	8.25	0.47	8.71	23.98
		7	8.15	0.51	8.66	23.98
		8	8.01	0.60	8.62	23.98
		9	7.96	0.66	8.61	23.98
5610	122	0	15.12	0.22	15.33	23.98
		1	15.21	0.23	15.44	23.98
		2	14.84	0.26	15.10	23.98
		3	14.95	0.23	15.18	23.98
		4	14.88	0.33	15.22	23.98
		5	14.81	0.41	15.22	23.98
		6	14.86	0.47	15.33	23.98
		7	14.81	0.51	15.32	23.98
		8	14.72	0.60	15.32	23.98
		9	14.61	0.66	15.26	23.98
5690	138	0	14.94	0.22	15.16	23.98
		1	15.06	0.23	15.29	23.98
		2	14.63	0.26	14.89	23.98
		3	14.73	0.23	14.96	23.98
		4	14.72	0.33	15.05	23.98
		5	14.66	0.41	15.07	23.98
		6	14.68	0.47	15.15	23.98
		7	14.64	0.51	15.15	23.98
		8	14.53	0.60	15.13	23.98
		9	14.47	0.66	15.12	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5530	106	0	8.49	0.22	8.70	23.98
		1	8.62	0.23	8.86	23.98
		2	8.24	0.32	8.56	23.98
		3	8.37	0.23	8.60	23.98
		4	8.29	0.34	8.63	23.98
		5	8.24	0.44	8.68	23.98
		6	8.25	0.48	8.74	23.98
		7	8.19	0.50	8.70	23.98
		8	8.09	0.63	8.72	23.98
		9	7.99	0.66	8.65	23.98
5610	122	0	15.18	0.22	15.39	23.98
		1	15.29	0.23	15.52	23.98
		2	14.90	0.32	15.22	23.98
		3	14.99	0.23	15.22	23.98
		4	14.95	0.34	15.29	23.98
		5	14.87	0.44	15.30	23.98
		6	14.93	0.48	15.42	23.98
		7	14.77	0.50	15.28	23.98
		8	14.67	0.63	15.30	23.98
		9	14.56	0.66	15.22	23.98
5690	138	0	15.20	0.22	15.42	23.98
		1	15.31	0.23	15.55	23.98
		2	14.89	0.32	15.22	23.98
		3	15.02	0.23	15.25	23.98
		4	15.00	0.34	15.34	23.98
		5	14.93	0.44	15.37	23.98
		6	14.98	0.48	15.47	23.98
		7	14.92	0.50	15.42	23.98
		8	14.83	0.63	15.46	23.98
		9	14.70	0.66	15.36	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	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	0.22	9.16	23.98
		1	8.98	0.22	9.20	23.98
		2	8.65	0.26	8.91	23.98
		3	8.70	0.23	8.93	23.98
		4	8.67	0.33	9.00	23.98
		5	8.56	0.41	8.97	23.98
		6	8.61	0.47	9.09	23.98
		7	8.60	0.59	9.19	23.98
		8	8.46	0.63	9.10	23.98
		9	8.34	0.67	9.01	23.98
5610	122	0	15.15	0.22	15.37	23.98
		1	15.25	0.22	15.47	23.98
		2	14.88	0.26	15.14	23.98
		3	15.04	0.23	15.27	23.98
		4	14.92	0.33	15.25	23.98
		5	14.89	0.41	15.30	23.98
		6	14.94	0.47	15.41	23.98
		7	14.73	0.59	15.32	23.98
		8	14.61	0.63	15.24	23.98
		9	14.52	0.67	15.18	23.98
5690	138	0	15.21	0.22	15.43	23.98
		1	15.35	0.22	15.57	23.98
		2	14.97	0.26	15.24	23.98
		3	15.06	0.23	15.29	23.98
		4	15.02	0.33	15.35	23.98
		5	14.96	0.41	15.38	23.98
		6	15.00	0.47	15.47	23.98
		7	14.97	0.59	15.56	23.98
		8	14.83	0.63	15.46	23.98
		9	14.74	0.67	15.41	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\_VHT80 Mode: 5530 ~ 5690 MHz)

802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5530	106	0	14.85	22.86
		1	14.95	22.86
		2	14.60	22.86
		3	14.66	22.86
		4	14.72	22.86
		5	14.74	22.86
		6	14.83	22.86
		7	14.83	22.86
		8	14.80	22.86
		9	14.75	22.86
5610	122	0	21.30	22.86
		1	21.42	22.86
		2	21.07	22.86
		3	21.14	22.86
		4	21.17	22.86
		5	21.20	22.86
		6	21.31	22.86
		7	21.24	22.86
		8	21.22	22.86
		9	21.15	22.86
5690	138	0	21.31	22.86
		1	21.43	22.86
		2	21.07	22.86
		3	21.12	22.86
		4	21.18	22.86
		5	21.23	22.86
		6	21.31	22.86
		7	21.31	22.86
		8	21.30	22.86
		9	21.24	22.86

**Ant.0**
**802.11ac\_VHT80 (UNII 3)**
**TEST RESULTS**
**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5775)**

802.11ac_VHT80 Mode		MCS Index	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	14.96	0.22	15.18	30
		1	15.00	0.23	15.23	30
		2	14.53	0.27	14.80	30
		3	14.70	0.23	14.92	30
		4	14.59	0.33	14.92	30
		5	14.57	0.42	14.99	30
		6	14.64	0.48	15.11	30
		7	14.59	0.50	15.10	30
		8	14.45	0.63	15.08	30
		9	14.34	0.66	14.99	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	15.05	0.22	15.27	30
		1	15.16	0.23	15.39	30
		2	14.67	0.26	14.93	30
		3	14.79	0.23	15.02	30
		4	14.74	0.33	15.08	30
		5	14.66	0.41	15.07	30
		6	14.70	0.47	15.16	30
		7	14.65	0.51	15.16	30
		8	14.51	0.60	15.11	30
		9	14.45	0.66	15.11	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	14.96	0.22	15.18	30
		1	15.05	0.23	15.28	30
		2	14.71	0.32	15.03	30
		3	14.84	0.23	15.06	30
		4	14.77	0.34	15.10	30
		5	14.73	0.44	15.16	30
		6	14.76	0.48	15.24	30
		7	14.75	0.50	15.25	30
		8	14.60	0.63	15.23	30
		9	14.49	0.66	15.15	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	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
Frequency [MHz]	Channel No.					
5775	155	0	15.09	0.22	15.31	30
		1	15.18	0.22	15.40	30
		2	14.81	0.26	15.07	30
		3	14.86	0.23	15.10	30
		4	14.85	0.33	15.18	30
		5	14.66	0.41	15.07	30
		6	14.73	0.47	15.21	30
		7	14.77	0.59	15.36	30
		8	14.61	0.63	15.25	30
		9	14.49	0.67	15.16	30

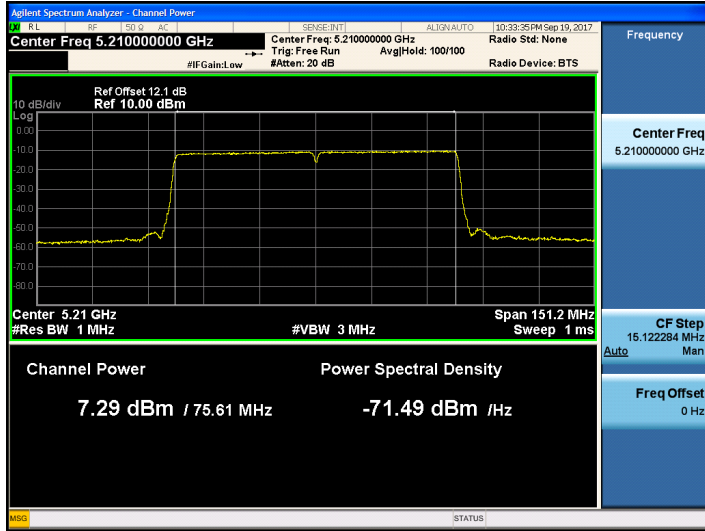
**TEST RESULTS\_Sum Data of Ant.0 and Ant.1 and Ant.2 and An.3 (UNII 3)**

**Conducted Output Power Measurements (802.11ac\_VHT80 Mode: 5775)**

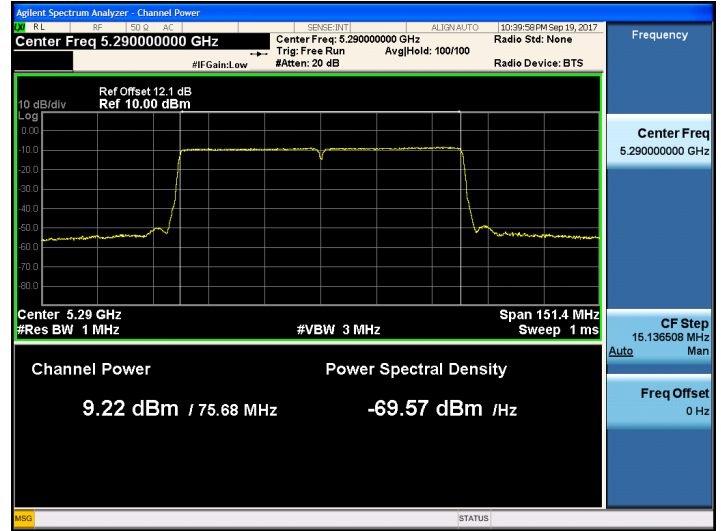
802.11ac_VHT80 Mode		MCS Index	Sum Power of Ant.0 & 1	Limit (dBm)
Frequency [MHz]	Channel No.			
5775	155	0	21.26	27.43
		1	21.35	27.43
		2	20.98	27.43
		3	21.05	27.43
		4	21.09	27.43
		5	21.09	27.43
		6	21.20	27.43
		7	21.24	27.43
		8	21.19	27.43
		9	21.12	27.43

**TEST Plots Ant.0 for 802.11ac\_VHT80**

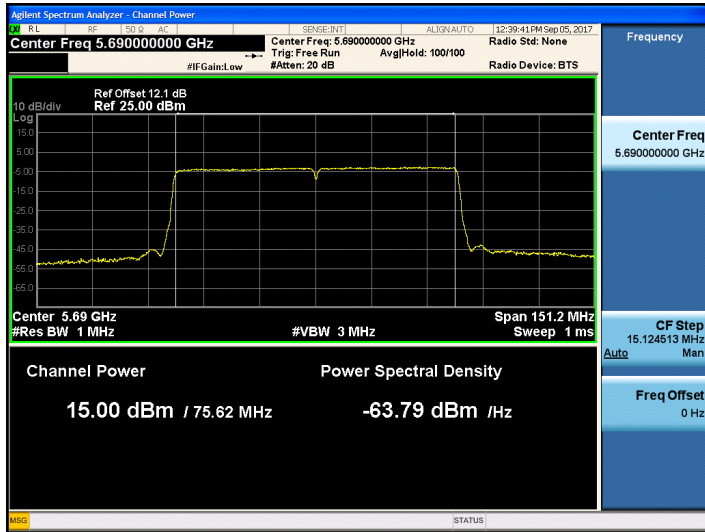
**802.11ac\_VHT80 UNII 1 BAND Average Power  
(5210 MHz) CH 42 MCS1**



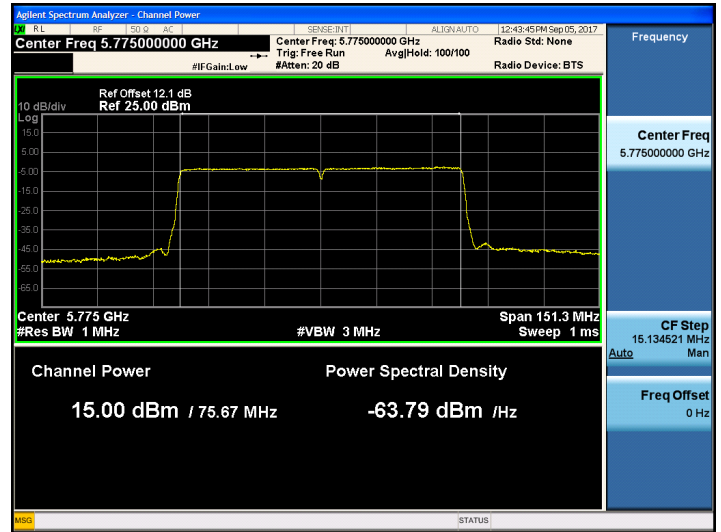
**802.11ac\_VHT80 UNII 2A BAND Average Power  
(5290 MHz) CH 58 MCS1**



**802.11ac\_VHT80 UNII 2C BAND Average Power  
(5530 ~ 5690 MHz) CH 138 MCS1**

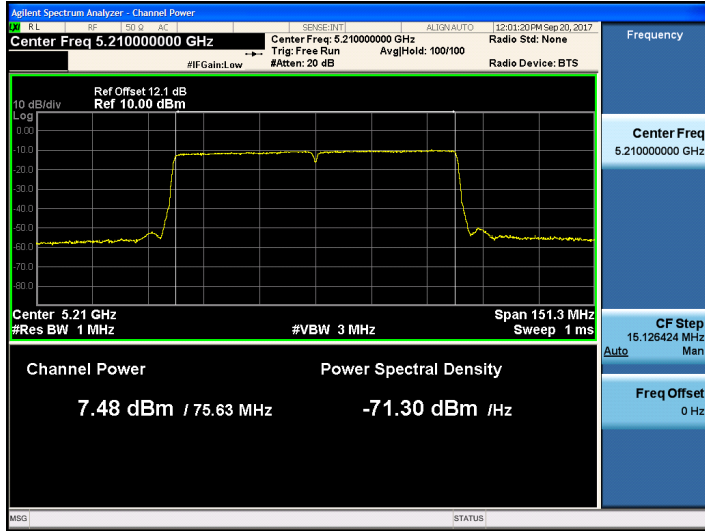


**802.11ac\_VHT80 UNII 3 BAND Average Power  
(5775 MHz) CH 155 MCS1**

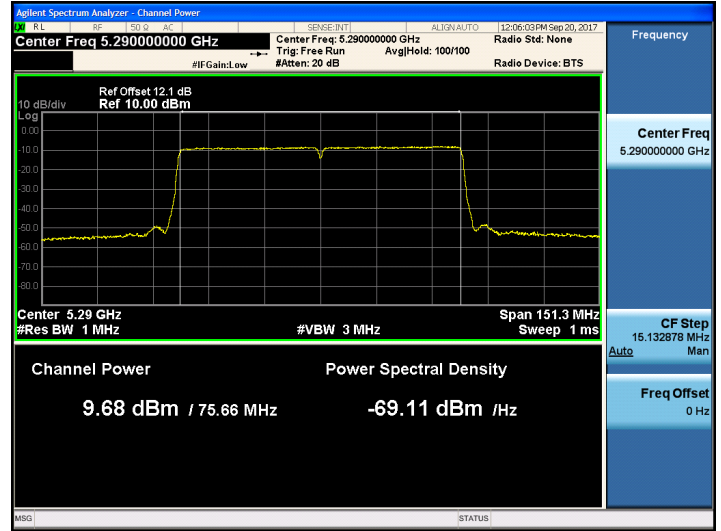


**TEST Plots Ant.1 for 802.11ac\_VHT80**

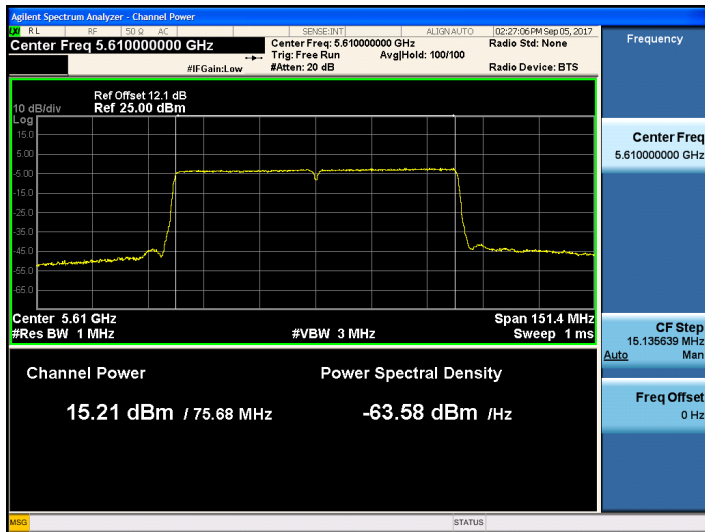
**802.11ac\_VHT80 UNII 1 BAND Average Power  
(5210 MHz) CH 42 MCS1**



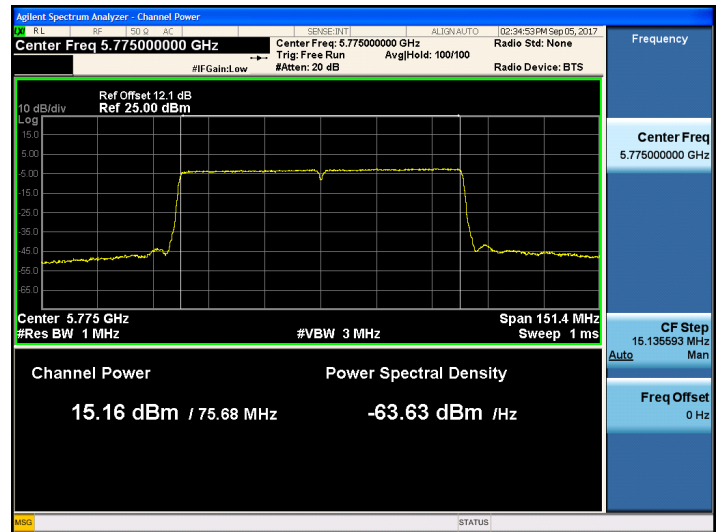
**802.11ac\_VHT80 UNII 2A BAND Average Power  
(5290 MHz) CH 58 MCS1**



**802.11ac\_VHT80 UNII 2C BAND Average Power  
(5530 ~ 5690 MHz) CH 122 MCS1**

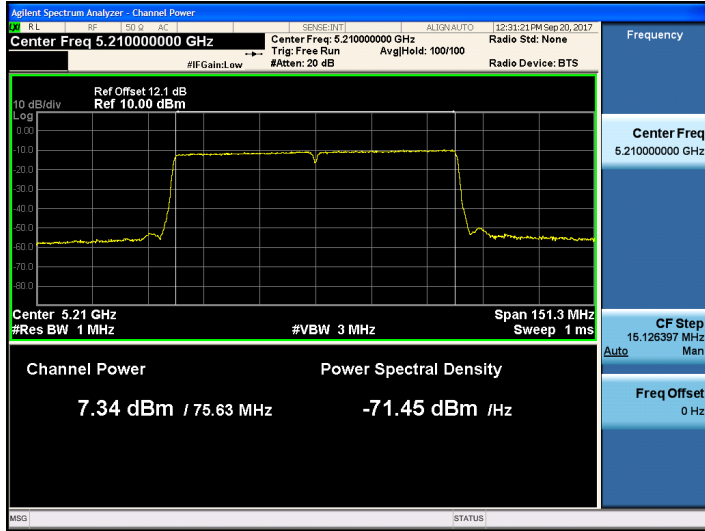


**802.11ac\_VHT80 UNII 3 BAND Average Power  
(5775 MHz) CH 155 MCS1**

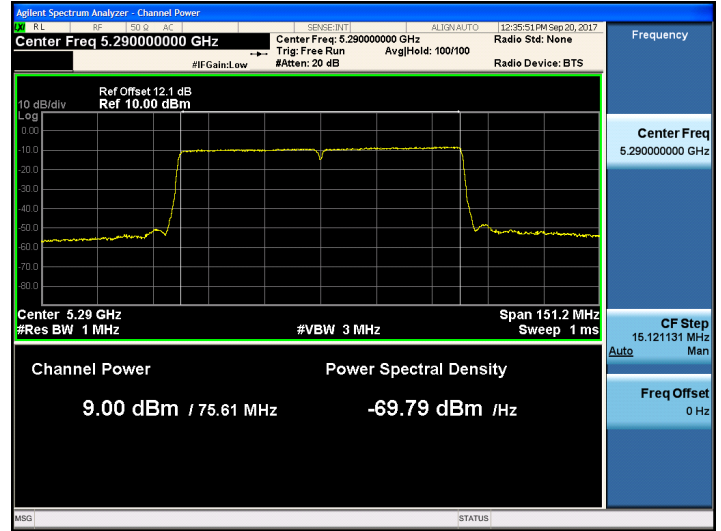


**TEST Plots Ant.2 for 802.11ac\_VHT80**

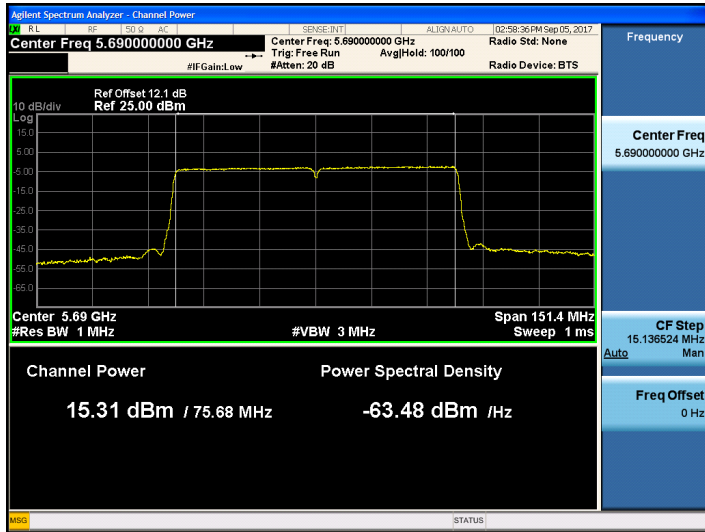
**802.11ac\_VHT80 UNII 1 BAND Average Power  
(5210 MHz) CH 42 MCS1**



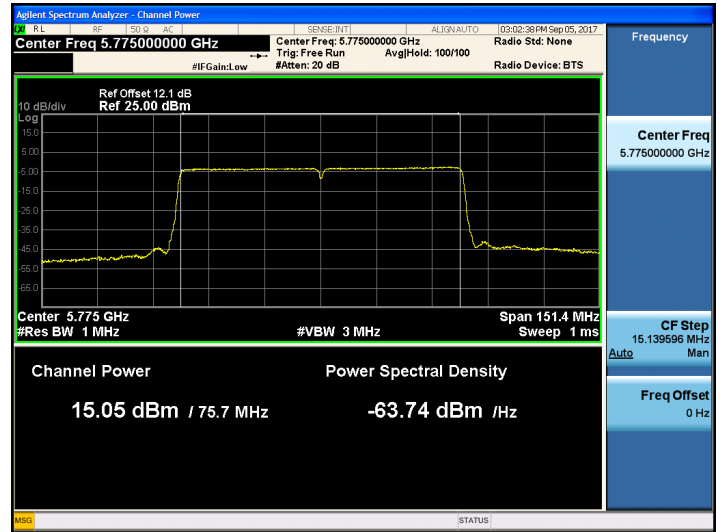
**802.11ac\_VHT80 UNII 2A BAND Average Power  
(5290 MHz) CH 58 MCS1**



**802.11ac\_VHT80 UNII 2C BAND Average Power  
(5530 ~ 5690 MHz) CH 138 MCS1**

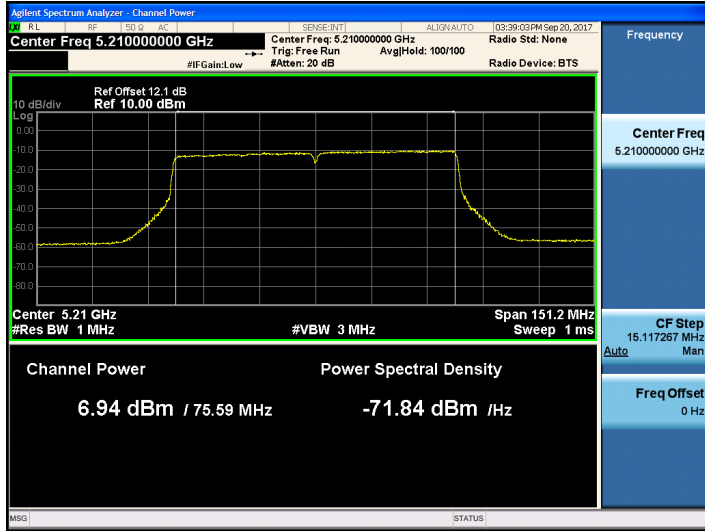


**802.11ac\_VHT80 UNII 3 BAND Average Power  
(5775 MHz) CH 155 MCS1**

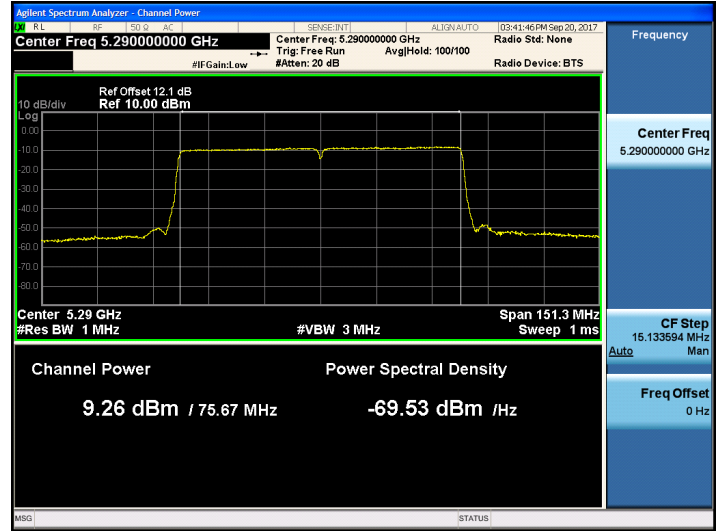


**TEST Plots Ant.3 for 802.11ac\_VHT80**

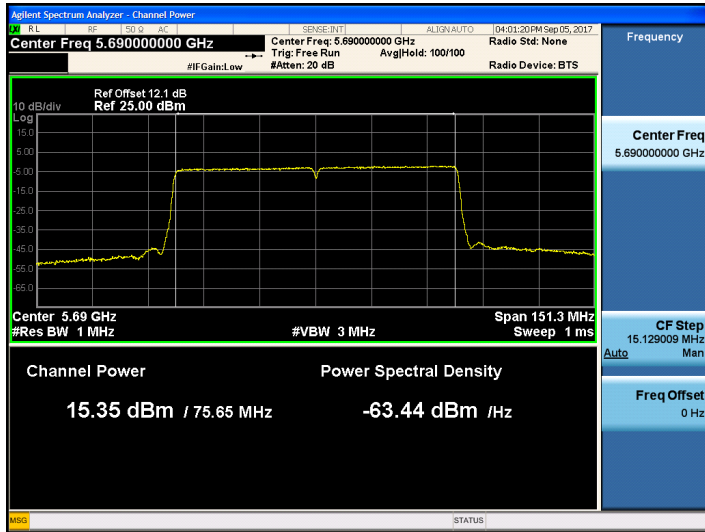
**802.11ac\_VHT80 UNII 1 BAND Average Power  
(5210 MHz) CH 42 MCS7**



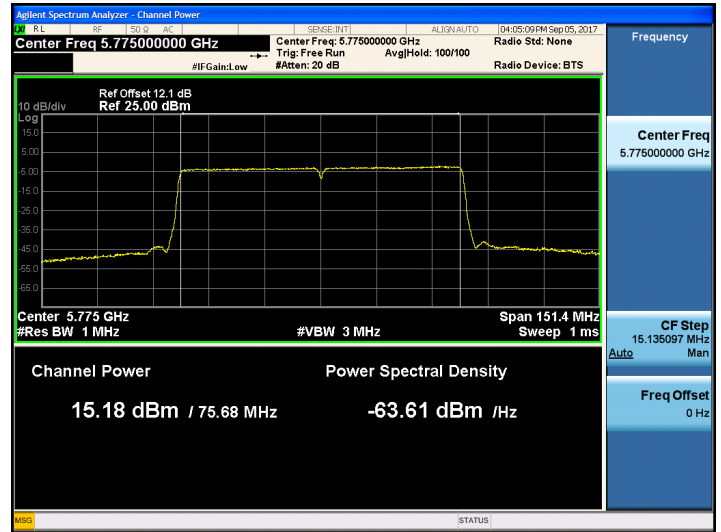
**802.11ac\_VHT80 UNII 2A BAND Average Power  
(5290 MHz) CH 58 MCS1**



**802.11ac\_VHT80 UNII 2C BAND Average Power  
(5530 ~ 5690 MHz) CH 138 MCS1**



**802.11ac\_VHT80 UNII 3 BAND Average Power  
(5775 MHz) CH 155 MCS1**



**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	11.39	0.13	11.52	23.98
		1	11.24	0.22	11.46	23.98
		2	10.87	0.33	11.20	23.98
		3	10.83	0.42	11.25	23.98
		4	10.63	0.60	11.23	23.98
		5	10.55	0.79	11.34	23.98
		6	10.45	0.87	11.32	23.98
		7	10.42	0.93	11.35	23.98
		8	10.37	1.05	11.42	23.98
		9	10.02	1.07	11.09	23.98
5290	58	0	10.94	0.13	11.07	23.98
		1	10.75	0.22	10.97	23.98
		2	10.37	0.33	10.70	23.98
		3	10.27	0.42	10.69	23.98
		4	10.10	0.60	10.70	23.98
		5	10.07	0.79	10.85	23.98
		6	9.89	0.87	10.75	23.98
		7	9.86	0.93	10.80	23.98
		8	9.84	1.05	10.89	23.98
		9	9.64	1.07	10.70	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	9.96	0.13	10.09	23.98
		1	9.80	0.22	10.02	23.98
		2	9.38	0.33	9.71	23.98
		3	9.34	0.42	9.76	23.98
		4	9.16	0.60	9.76	23.98
		5	9.05	0.79	9.84	23.98
		6	8.89	0.87	9.76	23.98
		7	8.89	0.93	9.82	23.98
		8	8.88	1.05	9.93	23.98
		9	8.62	1.07	9.69	23.98
5290	58	0	10.24	0.13	10.37	23.98
		1	10.11	0.22	10.33	23.98
		2	9.70	0.33	10.03	23.98
		3	9.65	0.42	10.06	23.98
		4	9.44	0.60	10.04	23.98
		5	9.38	0.79	10.17	23.98
		6	9.19	0.87	10.05	23.98
		7	9.21	0.93	10.14	23.98
		8	9.14	1.05	10.19	23.98
		9	8.92	1.07	9.99	23.98

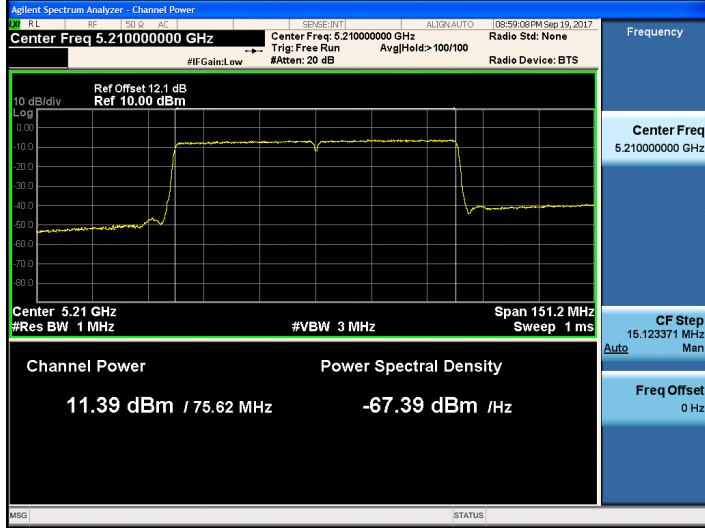
**TEST RESULTS\_Sum Data of Ant.0, 2 and Ant.1, 3**

**Conducted Output Power Measurements (802.11ac\_VHT160)**

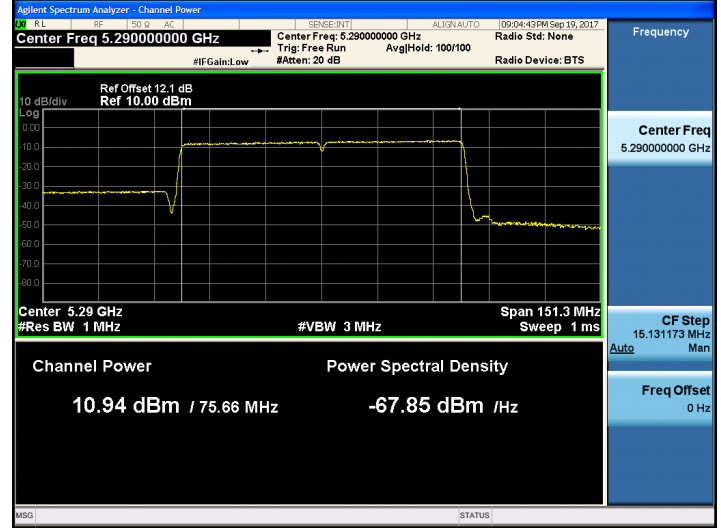
802.11ac_VHT160 Mode		MCS Index	Sum Power of Ant.0 & 1 & 2 & 3	Limit (dBm)
Frequency [MHz]	Channel No.			
5210 + 5290	42 + 58	0	16.80	22.57
		1	16.73	22.57
		2	16.45	22.57
		3	16.48	22.57
		4	16.47	22.57
		5	16.59	22.57
		6	16.51	22.57
		7	16.57	22.57
		8	16.65	22.57
		9	16.41	22.57

**TEST Plots Ant.0, 2 for 802.11ac\_VHT160**

**802.11ac\_VHT160 Average Power  
(5210 MHz) CH 42 MCS0**

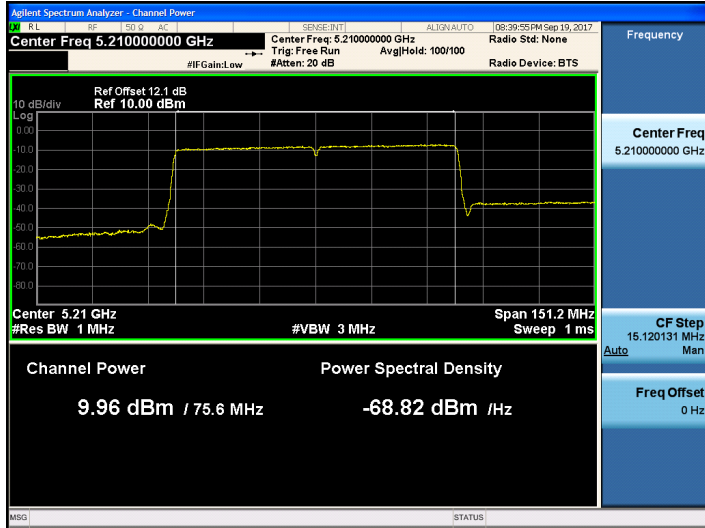


**802.11ac\_VHT160 Average Power  
(5290 MHz) CH 58 MCS0**

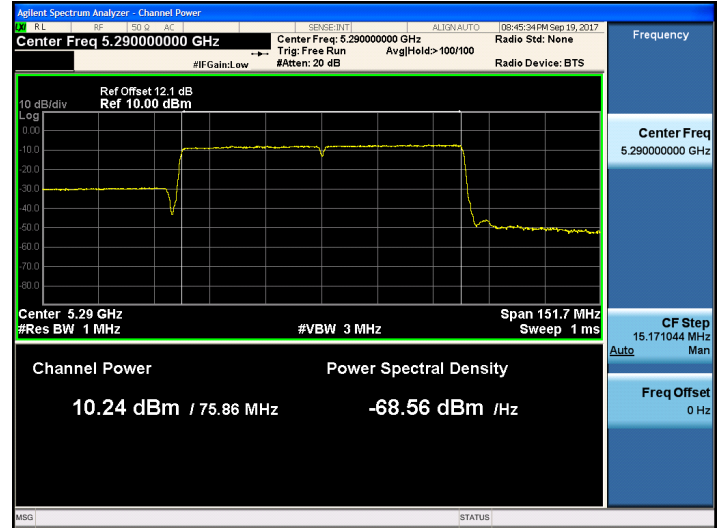


**TEST Plots Ant.1, 3 for 802.11ac\_VHT160**

**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	12.94	0.13	13.07	23.98
		1	12.81	0.22	13.04	23.98
		2	12.43	0.33	12.76	23.98
		3	12.42	0.42	12.84	23.98
		4	12.22	0.60	12.82	23.98
		5	12.15	0.79	12.94	23.98
		6	12.01	0.87	12.87	23.98
		7	12.00	0.93	12.94	23.98
		8	11.92	1.05	12.97	23.98
		9	11.75	1.07	12.82	23.98
5610	122	0	12.82	0.13	12.95	23.98
		1	12.64	0.22	12.86	23.98
		2	12.23	0.33	12.56	23.98
		3	12.17	0.42	12.59	23.98
		4	12.00	0.60	12.60	23.98
		5	11.94	0.79	12.72	23.98
		6	11.73	0.87	12.60	23.98
		7	11.72	0.93	12.65	23.98
		8	11.69	1.05	12.74	23.98
		9	11.47	1.07	12.54	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	13.66	0.13	13.79	23.98
		1	13.51	0.22	13.74	23.98
		2	13.11	0.33	13.44	23.98
		3	13.07	0.42	13.49	23.98
		4	12.86	0.60	13.46	23.98
		5	12.79	0.79	13.57	23.98
		6	12.63	0.87	13.49	23.98
		7	12.64	0.93	13.57	23.98
		8	12.58	1.05	13.63	23.98
		9	12.32	1.07	13.39	23.98
5610	122	0	13.81	0.13	13.94	23.98
		1	13.63	0.22	13.86	23.98
		2	13.33	0.33	13.66	23.98
		3	13.25	0.42	13.67	23.98
		4	13.03	0.60	13.63	23.98
		5	12.92	0.79	13.71	23.98
		6	12.81	0.87	13.68	23.98
		7	12.77	0.93	13.71	23.98
		8	12.77	1.05	13.82	23.98
		9	12.51	1.07	13.58	23.98

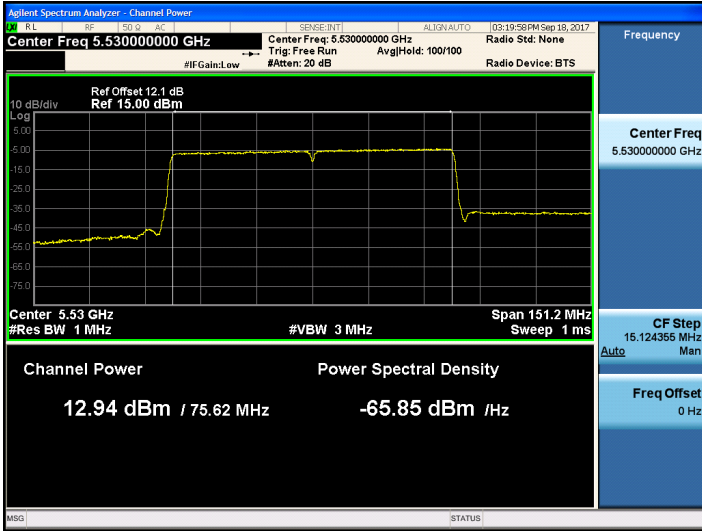
**TEST RESULTS\_Sum Data of Ant.0, 2 and Ant.1, 3**

**Conducted Output Power Measurements (802.11ac\_VHT160)**

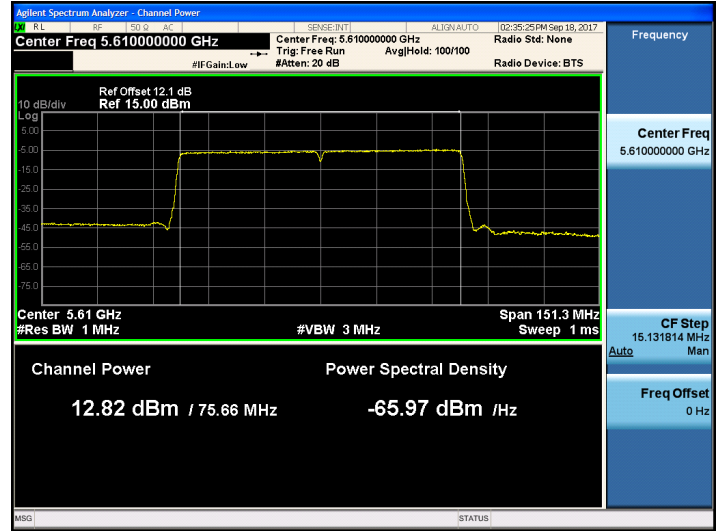
802.11ac_VHT160 Mode		MCS Index	Sum Power of Ant.0 & 1 & 2 & 3	Limit (dBm)
Frequency [MHz]	Channel No.			
5530 + 5610	106 + 122	0	19.47	22.86
		1	19.41	22.86
		2	19.14	22.86
		3	19.18	22.86
		4	19.16	22.86
		5	19.27	22.86
		6	19.19	22.86
		7	19.25	22.86
		8	19.26	22.86
		9	19.11	22.86

**TEST Plots Ant.0, 2 for 802.11ac\_VHT160**

**802.11ac\_VHT160 Average Power  
(5530 MHz) CH 106 MCS0**

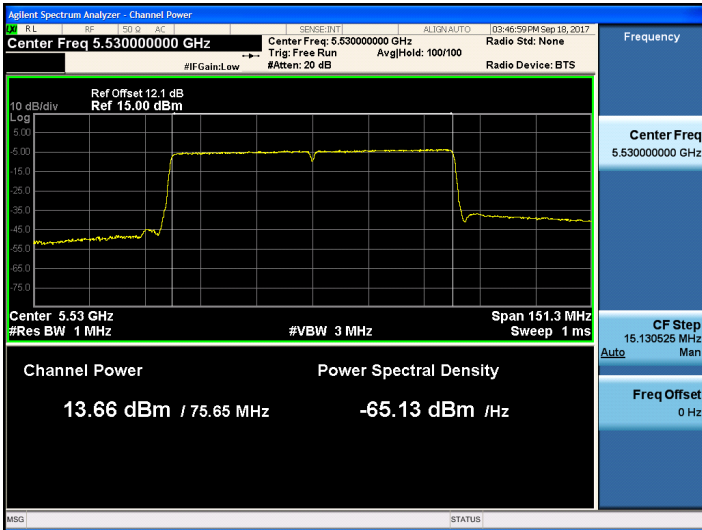


**802.11ac\_VHT160 Average Power  
(5610 MHz) CH 122 MCS0**

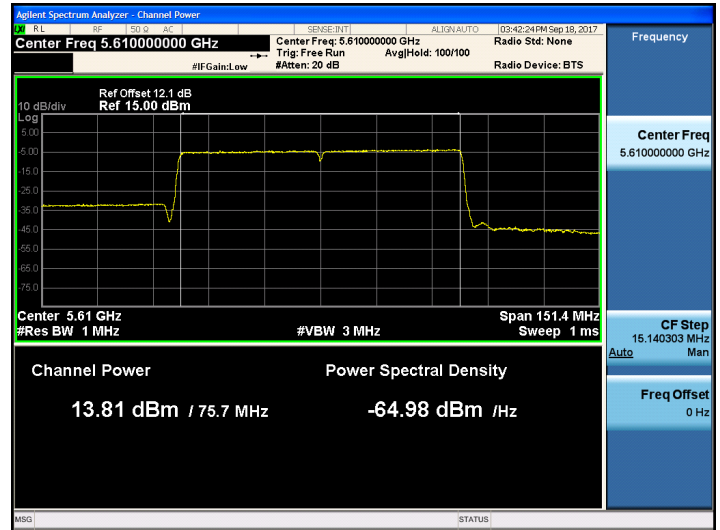


**TEST Plots Ant.1, 3 for 802.11ac\_VHT160**

**802.11ac\_VHT160 Average Power  
(5530 MHz) CH 106 MCS0**



**802.11ac\_VHT160 Average Power  
(5610 MHz) CH 122 MCS0**



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	12.99	0.13	13.12	23.98
		1	12.81	0.22	13.03	23.98
		2	12.43	0.33	12.76	23.98
		3	12.33	0.42	12.75	23.98
		4	12.15	0.60	12.75	23.98
		5	12.14	0.79	12.92	23.98
		6	11.95	0.87	12.81	23.98
		7	11.91	0.93	12.85	23.98
		8	11.83	1.05	12.88	23.98
		9	11.67	1.07	12.74	23.98
5775	155	0	12.28	0.13	12.41	23.98
		1	12.14	0.22	12.37	23.98
		2	11.81	0.33	12.14	23.98
		3	11.71	0.42	12.13	23.98
		4	11.59	0.60	12.19	23.98
		5	11.50	0.79	12.28	23.98
		6	11.33	0.87	12.20	23.98
		7	11.33	0.93	12.26	23.98
		8	11.26	1.05	12.31	23.98
		9	11.12	1.07	12.19	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	11.98	0.13	12.11	23.98
		1	11.85	0.22	12.07	23.98
		2	11.53	0.33	11.86	23.98
		3	11.49	0.42	11.91	23.98
		4	11.33	0.60	11.93	23.98
		5	11.27	0.79	12.05	23.98
		6	11.09	0.87	11.96	23.98
		7	11.17	0.93	12.11	23.98
		8	11.07	1.05	12.12	23.98
		9	10.82	1.07	11.89	23.98
5775	155	0	11.50	0.13	11.63	23.98
		1	11.33	0.22	11.56	23.98
		2	10.86	0.33	11.19	23.98
		3	10.85	0.42	11.27	23.98
		4	10.65	0.60	11.25	23.98
		5	10.55	0.79	11.34	23.98
		6	10.40	0.87	11.27	23.98
		7	10.40	0.93	11.33	23.98
		8	10.37	1.05	11.42	23.98
		9	10.16	1.07	11.22	23.98

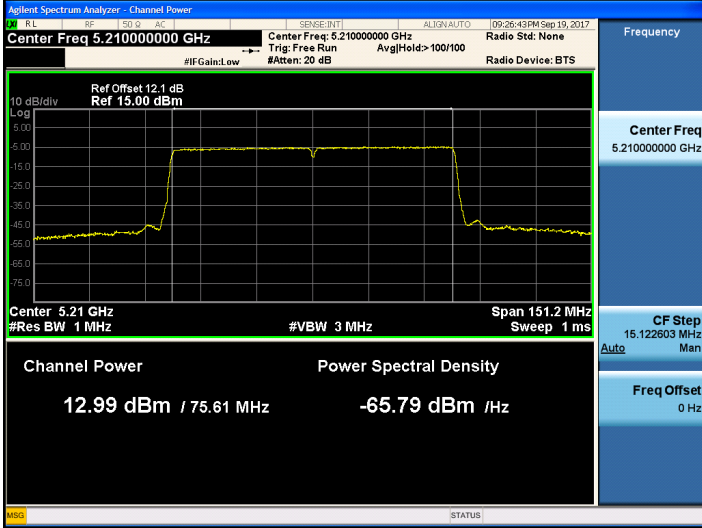
**TEST RESULTS\_Sum Data of Ant.0, 2 and Ant.1, 3**

**Conducted Output Power Measurements (802.11ac\_VHT160)**

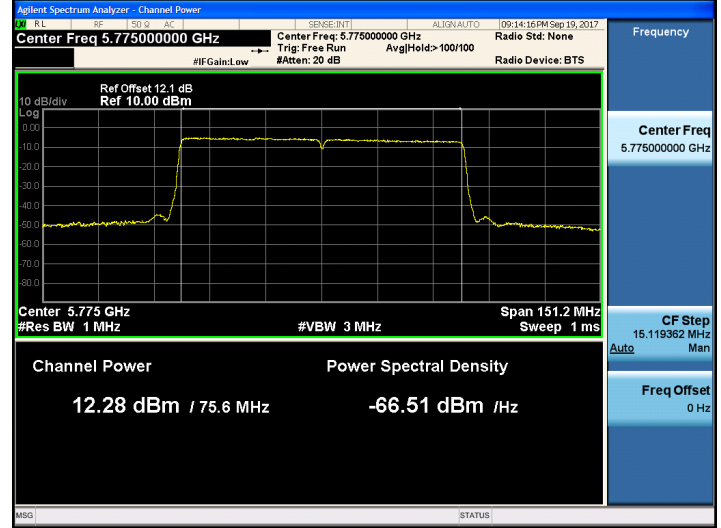
802.11ac_VHT160 Mode		MCS Index	Sum Power of Ant.0 & 1 & 2 & 3	Limit (dBm)
Frequency [MHz]	Channel No.			
<b>5210 + 5775</b>	<b>42 + 155</b>	<b>0</b>	<b>18.32</b>	<b>27.43</b>
		<b>1</b>	<b>18.29</b>	<b>27.43</b>
		<b>2</b>	<b>18.02</b>	<b>27.43</b>
		<b>3</b>	<b>18.05</b>	<b>27.43</b>
		<b>4</b>	<b>18.07</b>	<b>27.43</b>
		<b>5</b>	<b>18.18</b>	<b>27.43</b>
		<b>6</b>	<b>18.10</b>	<b>27.43</b>
		<b>7</b>	<b>18.17</b>	<b>27.43</b>
		<b>8</b>	<b>18.22</b>	<b>27.43</b>
		<b>9</b>	<b>18.05</b>	<b>27.43</b>

**TEST Plots Ant.0, 2 for 802.11ac\_VHT160**

**802.11ac\_VHT160 Average Power  
(5210 MHz) CH 42 MCS0**

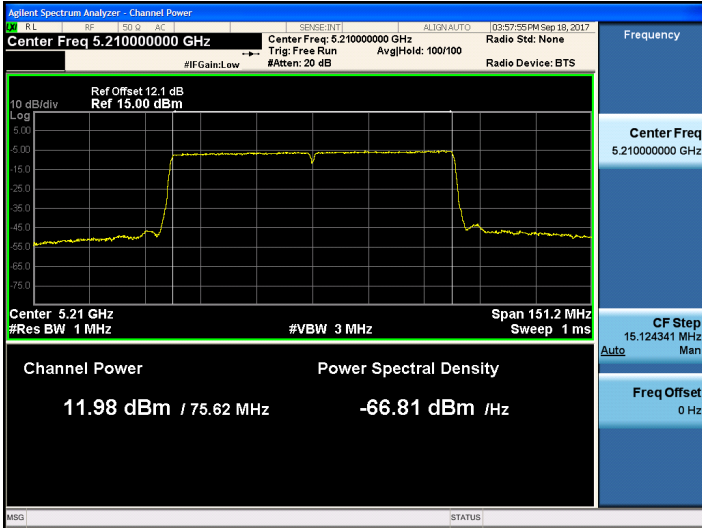


**802.11ac\_VHT160 Average Power  
(5775 MHz) CH 155 MCS0**



**TEST Plots Ant.1, 3 for 802.11ac\_VHT160**

**802.11ac\_VHT160 Average Power  
(5210 MHz) CH 42 MCS0**



**802.11ac\_VHT160 Average Power  
(5775 MHz) CH 155 MCS0**

