









10. Maximum Output Power

10.1. Block Diagram of Test Setup

Same as section 8.1

10.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm)	5150-5250
	☐ Indoor Access Point: 1 W (30 dBm)	
	☐ Fixed Point-To-Point Access Points: 1 W (30 dBm)	
	☒ Client Devices: 250 mW (24 dBm)	
	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250-5350 5470-5725
	Shall not exceed 1 Watt (30 dBm).	5725-5850

Note: The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

10.3. Test Procedure

- (1) Connect each EUT's antenna output to power meter by RF cable and attenuator
- (2) Add each antenna port's results to get the total output power of EUT.

10.4. Test Result

Test Mode	Ant.	Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
11A	Ant1	5180	11.68	≤23.98	PASS
	Ant2	5180	14.45	≤23.98	PASS
	Ant1	5200	13.29	≤23.98	PASS
	Ant2	5200	13.79	≤23.98	PASS
	Ant1	5240	10.36	≤23.98	PASS
	Ant2	5240	14.26	≤23.98	PASS
	Ant1	5260	8.98	≤23.89	PASS
	Ant2	5260	13.59	≤23.91	PASS
	Ant1	5280	9.13	≤23.91	PASS
	Ant2	5280	13.86	≤23.90	PASS
	Ant1	5320	9.05	≤23.87	PASS
	Ant2	5320	13.61	≤23.96	PASS
	Ant1	5500	8.67	≤23.92	PASS
	Ant2	5500	12.02	≤23.86	PASS
	Ant1	5580	8.93	≤23.87	PASS
	Ant2	5580	11.96	≤23.91	PASS
	Ant1	5700	9.43	≤23.90	PASS
	Ant2	5700	14.33	≤23.79	PASS
	Ant1	5720 UNII-2C	8.80	≤22.71	PASS
	Ant2	5720 UNII-2C	12.97	≤22.73	PASS
	Ant1	5720 UNII-3	1.03	≤29.97	PASS
	Ant2	5720 UNII-3	5.13	≤30.00	PASS
	Ant1	5745	10.53	≤29.97	PASS
	Ant2	5745	13.77	≤30.00	PASS
	Ant1	5785	10.90	≤29.97	PASS
	Ant2	5785	14.58	≤30.00	PASS
	Ant1	5825	11.61	≤29.97	PASS
	Ant2	5825	14.54	≤30.00	PASS

11N20MIMO	Ant1	5180	7.81	≤23.98	PASS
	Ant2	5180	11.54	≤23.98	PASS
	total	5180	13.07	≤23.98	PASS
	Ant1	5200	7.80	≤23.98	PASS
	Ant2	5200	11.34	≤23.98	PASS
	total	5200	12.93	≤23.98	PASS
	Ant1	5240	8.42	≤23.98	PASS
	Ant2	5240	11.09	≤23.98	PASS
	total	5240	12.97	≤23.98	PASS
	Ant1	5260	5.73	≤23.98	PASS
	Ant2	5260	11.35	≤23.93	PASS
	total	5260	12.40	≤23.98	PASS
	Ant1	5280	6.31	≤23.94	PASS
	Ant2	5280	10.85	≤23.98	PASS
	total	5280	12.16	≤23.98	PASS
	Ant1	5320	5.59	≤23.98	PASS
	Ant2	5320	10.64	≤23.97	PASS
	total	5320	11.82	≤23.98	PASS
	Ant1	5500	4.58	≤23.98	PASS
	Ant2	5500	9.45	≤23.94	PASS
	total	5500	10.67	≤23.98	PASS
	Ant1	5580	4.48	≤23.98	PASS
	Ant2	5580	9.53	≤23.98	PASS
	total	5580	10.71	≤23.98	PASS
	Ant1	5700	4.79	≤23.98	PASS
	Ant2	5700	11.43	≤23.98	PASS
	total	5700	12.28	≤23.98	PASS
	Ant1	5720_UNII-2C	4.36	≤22.70	PASS
	Ant2	5720_UNII-2C	10.71	≤22.76	PASS
	total	5720_UNII-2C	11.62	≤23.95	PASS
	Ant1	5720_UNII-3	-2.79	≤29.97	PASS
	Ant2	5720_UNII-3	3.64	≤30.00	PASS
	total	5720_UNII-3	4.53	≤29.97	PASS
	Ant1	5745	5.53	≤29.97	PASS
	Ant2	5745	11.53	≤30.00	PASS
	total	5745	12.50	≤29.97	PASS
	Ant1	5785	6.71	≤29.97	PASS
	Ant2	5785	11.83	≤30.00	PASS
	total	5785	12.99	≤29.97	PASS
	Ant1	5825	7.54	≤29.97	PASS
	Ant2	5825	11.95	≤30.00	PASS
	total	5825	13.29	≤29.97	PASS
11N40MIMO	Ant1	5190	9.13	≤23.98	PASS
	Ant2	5190	12.01	≤23.98	PASS
	total	5190	13.81	≤23.98	PASS
	Ant1	5230	9.12	≤23.98	PASS
	Ant2	5230	11.87	≤23.98	PASS
	total	5230	13.72	≤23.98	PASS
	Ant1	5270	6.47	≤23.98	PASS
	Ant2	5270	11.32	≤23.98	PASS
	total	5270	12.55	≤23.98	PASS
	Ant1	5310	6.43	≤23.98	PASS
	Ant2	5310	11.10	≤23.98	PASS
	total	5310	12.37	≤23.98	PASS
	Ant1	5510	3.97	≤23.98	PASS
	Ant2	5510	9.89	≤23.98	PASS
	total	5510	10.88	≤23.98	PASS
	Ant1	5550	4.61	≤23.98	PASS
	Ant2	5550	9.71	≤23.98	PASS
	total	5550	10.88	≤23.98	PASS

	Ant1	5670	4.07	≤23.98	PASS
	Ant2	5670	9.91	≤23.98	PASS
	total	5670	10.92	≤23.98	PASS
	Ant1	5710_UNII-2C	5.00	≤23.98	PASS
	Ant2	5710_UNII-2C	11.30	≤23.98	PASS
	total	5710_UNII-2C	12.21	≤23.98	PASS
	Ant1	5710_UNII-3	-8.25	≤29.97	PASS
	Ant2	5710_UNII-3	-1.74	≤30.00	PASS
	total	5710_UNII-3	-0.86	≤29.97	PASS
	Ant1	5755	6.53	≤29.97	PASS
	Ant2	5755	11.05	≤30.00	PASS
	total	5755	12.36	≤29.97	PASS
	Ant1	5795	6.28	≤29.97	PASS
	Ant2	5795	13.93	≤30.00	PASS
	total	5795	14.62	≤29.97	PASS
11AC20MIMO	Ant1	5180	10.89	≤23.98	PASS
	Ant2	5180	10.94	≤23.98	PASS
	total	5180	13.93	≤23.98	PASS
	Ant1	5200	7.95	≤23.98	PASS
	Ant2	5200	11.20	≤23.98	PASS
	total	5200	12.88	≤23.98	PASS
	Ant1	5240	8.55	≤23.98	PASS
	Ant2	5240	11.14	≤23.98	PASS
	total	5240	13.05	≤23.98	PASS
	Ant1	5260	6.53	≤23.98	PASS
	Ant2	5260	11.20	≤23.98	PASS
	total	5260	12.47	≤23.98	PASS
	Ant1	5280	5.50	≤23.90	PASS
	Ant2	5280	10.43	≤23.91	PASS
	total	5280	11.64	≤23.98	PASS
	Ant1	5320	5.61	≤23.98	PASS
	Ant2	5320	10.23	≤23.89	PASS
	total	5320	11.52	≤23.98	PASS
	Ant1	5500	5.67	≤23.98	PASS
	Ant2	5500	9.89	≤23.98	PASS
	total	5500	11.28	≤23.98	PASS
	Ant1	5580	5.47	≤23.98	PASS
	Ant2	5580	11.29	≤23.94	PASS
	total	5580	12.30	≤23.98	PASS
	Ant1	5700	6.55	≤23.98	PASS
	Ant2	5700	12.74	≤23.94	PASS
	total	5700	13.68	≤23.98	PASS
	Ant1	5720_UNII-2C	5.65	≤22.65	PASS
	Ant2	5720_UNII-2C	11.99	≤22.71	PASS
	total	5720_UNII-2C	12.90	≤23.98	PASS
	Ant1	5720_UNII-3	-1.54	≤29.97	PASS
	Ant2	5720_UNII-3	4.64	≤30.00	PASS
	total	5720_UNII-3	5.58	≤29.97	PASS
	Ant1	5745	7.69	≤29.97	PASS
	Ant2	5745	12.46	≤30.00	PASS
	total	5745	13.71	≤29.97	PASS
	Ant1	5785	7.29	≤29.97	PASS
	Ant2	5785	12.73	≤30.00	PASS
	total	5785	13.82	≤29.97	PASS
	Ant1	5825	8.75	≤29.97	PASS
	Ant2	5825	12.36	≤30.00	PASS
	total	5825	13.93	≤29.97	PASS
11AC40MIMO	Ant1	5190	8.71	≤23.98	PASS
	Ant2	5190	11.47	≤23.98	PASS
	total	5190	13.32	≤23.98	PASS

	Ant1	5230	9.44	≤23.98	PASS
	Ant2	5230	12.08	≤23.98	PASS
	total	5230	13.97	≤23.98	PASS
	Ant1	5270	6.63	≤23.98	PASS
	Ant2	5270	11.51	≤23.98	PASS
	total	5270	12.73	≤23.98	PASS
	Ant1	5310	6.57	≤23.98	PASS
	Ant2	5310	10.82	≤23.98	PASS
	total	5310	12.21	≤23.98	PASS
	Ant1	5510	4.81	≤23.98	PASS
	Ant2	5510	9.23	≤23.98	PASS
	total	5510	10.57	≤23.98	PASS
	Ant1	5550	4.59	≤23.98	PASS
	Ant2	5550	9.24	≤23.98	PASS
	total	5550	10.52	≤23.98	PASS
	Ant1	5670	5.14	≤23.98	PASS
	Ant2	5670	10.36	≤23.98	PASS
	total	5670	11.50	≤23.98	PASS
	Ant1	5710_UNII-2C	4.94	≤23.98	PASS
	Ant2	5710_UNII-2C	11.18	≤23.98	PASS
	total	5710_UNII-2C	12.11	≤23.98	PASS
	Ant1	5710_UNII-3	-7.73	≤29.97	PASS
	Ant2	5710_UNII-3	-1.84	≤30.00	PASS
	total	5710_UNII-3	-0.84	≤29.97	PASS
	Ant1	5755	6.26	≤29.97	PASS
	Ant2	5755	11.95	≤30.00	PASS
	total	5755	12.99	≤29.97	PASS
	Ant1	5795	6.80	≤29.97	PASS
	Ant2	5795	11.87	≤30.00	PASS
	total	5795	13.05	≤29.97	PASS
11AC80MIMO	Ant1	5210	7.30	≤23.98	PASS
	Ant2	5210	10.06	≤23.98	PASS
	total	5210	11.91	≤23.98	PASS
	Ant1	5290	5.59	≤23.98	PASS
	Ant2	5290	9.65	≤23.98	PASS
	total	5290	11.09	≤23.98	PASS
	Ant1	5530	5.74	≤23.98	PASS
	Ant2	5530	8.49	≤23.98	PASS
	total	5530	10.34	≤23.98	PASS
	Ant1	5610	6.84	≤23.98	PASS
	Ant2	5610	9.14	≤23.98	PASS
	total	5610	11.15	≤23.98	PASS
	Ant1	5690_UNII-2C	7.29	≤23.98	PASS
	Ant2	5690_UNII-2C	9.74	≤23.98	PASS
	total	5690_UNII-2C	11.70	≤23.98	PASS
	Ant1	5690_UNII-3	-9.24	≤29.97	PASS
	Ant2	5690_UNII-3	-6.55	≤30.00	PASS
	total	5690_UNII-3	-4.68	≤29.97	PASS
	Ant1	5775	8.62	≤29.97	PASS
	Ant2	5775	10.36	≤30.00	PASS
	total	5775	12.59	≤29.97	PASS

11. Power Spectral Density

11.1. Block Diagram of Test Setup

Same as section 8.1

11.2. Limits

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☐ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☒ Client Devices: 11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350 5470-5725
	30 dBm/500 kHz	5725-5850

Note: The above limits are based upon the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.3. Test Procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyzer and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Note:

1. For UNII-3, according to KdB publication 789033 D02 General U-NII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.

2. The value measured with RBW=300kHz is to be added with $10\log(500\text{kHz}/300\text{kHz})$ which is 2.2dB. For example, if the measured value is +30 dBm using RBW=300kHz (that is +30 dBm/300kHz), then the converted value will be +32.2 dBm/1MHz.

3. Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

11.4. Test Result

Test Mode	Ant.	Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
11A	Ant1	5180	1.62	≤11.00	PASS
	Ant2	5180	3.97	≤11.00	PASS
	Ant1	5200	2.32	≤11.00	PASS
	Ant2	5200	4.01	≤11.00	PASS
	Ant1	5240	-0.20	≤11.00	PASS
	Ant2	5240	3.49	≤11.00	PASS
	Ant1	5260	-1.87	≤11.00	PASS
	Ant2	5260	3.06	≤11.00	PASS
	Ant1	5280	-2.31	≤11.00	PASS
	Ant2	5280	3.20	≤11.00	PASS
	Ant1	5320	-2.04	≤11.00	PASS
	Ant2	5320	2.40	≤11.00	PASS
	Ant1	5500	-2.01	≤11.00	PASS
	Ant2	5500	1.47	≤11.00	PASS
	Ant1	5580	-2.13	≤11.00	PASS
	Ant2	5580	2.20	≤11.00	PASS
	Ant1	5700	-1.72	≤11.00	PASS
	Ant2	5700	4.11	≤11.00	PASS
	Ant1	5720 UNII-2C	-0.92	≤11.00	PASS
	Ant2	5720 UNII-2C	3.22	≤11.00	PASS
11N20MIMO	Ant1	5180	-2.71	≤11.00	PASS
	Ant2	5180	0.75	≤11.00	PASS
	total	5180	2.37	≤11.00	PASS
	Ant1	5200	-2.70	≤11.00	PASS
	Ant2	5200	-0.11	≤11.00	PASS
	total	5200	1.80	≤11.00	PASS
	Ant1	5240	-2.47	≤11.00	PASS
	Ant2	5240	-0.32	≤11.00	PASS
	total	5240	1.75	≤11.00	PASS
	Ant1	5260	-4.71	≤11.00	PASS
	Ant2	5260	0.16	≤11.00	PASS
	total	5260	1.38	≤11.00	PASS
	Ant1	5280	-4.84	≤11.00	PASS
	Ant2	5280	-0.66	≤11.00	PASS
	total	5280	0.74	≤11.00	PASS
	Ant1	5320	-4.31	≤11.00	PASS
	Ant2	5320	-0.49	≤11.00	PASS
	total	5320	1.02	≤11.00	PASS
	Ant1	5500	-6.72	≤11.00	PASS
	Ant2	5500	-1.81	≤11.00	PASS
	total	5500	-0.59	≤11.00	PASS
	Ant1	5580	-6.63	≤11.00	PASS
	Ant2	5580	-1.30	≤11.00	PASS
	total	5580	-0.18	≤11.00	PASS
	Ant1	5700	-5.47	≤11.00	PASS
	Ant2	5700	1.18	≤11.00	PASS
	total	5700	2.03	≤11.00	PASS
	Ant1	5720 UNII-2C	-5.33	≤11.00	PASS
	Ant2	5720 UNII-2C	1.39	≤11.00	PASS
	total	5720 UNII-2C	2.23	≤11.00	PASS
11N40MIMO	Ant1	5190	-5.32	≤11.00	PASS
	Ant2	5190	-1.70	≤11.00	PASS
	total	5190	-0.13	≤11.00	PASS
	Ant1	5230	-5.45	≤11.00	PASS
	Ant2	5230	-2.81	≤11.00	PASS
	total	5230	-0.92	≤11.00	PASS

	Ant1	5270	-7.49	≤11.00	PASS
	Ant2	5270	-2.04	≤11.00	PASS
	total	5270	-0.95	≤11.00	PASS
	Ant1	5310	-7.12	≤11.00	PASS
	Ant2	5310	-2.22	≤11.00	PASS
	total	5310	-1.00	≤11.00	PASS
	Ant1	5510	-8.52	≤11.00	PASS
	Ant2	5510	-3.58	≤11.00	PASS
	total	5510	-2.37	≤11.00	PASS
	Ant1	5550	-9.00	≤11.00	PASS
	Ant2	5550	-4.25	≤11.00	PASS
	total	5550	-3.00	≤11.00	PASS
	Ant1	5670	-8.97	≤11.00	PASS
	Ant2	5670	-3.03	≤11.00	PASS
	total	5670	-2.04	≤11.00	PASS
	Ant1	5710 UNII-2C	-8.74	≤11.00	PASS
	Ant2	5710 UNII-2C	-2.09	≤11.00	PASS
	total	5710 UNII-2C	-1.24	≤11.00	PASS
11AC20MIMO	Ant1	5180	0.80	≤11.00	PASS
	Ant2	5180	0.36	≤11.00	PASS
	total	5180	3.60	≤11.00	PASS
	Ant1	5200	-3.48	≤11.00	PASS
	Ant2	5200	0.53	≤11.00	PASS
	total	5200	1.98	≤11.00	PASS
	Ant1	5240	-3.01	≤11.00	PASS
	Ant2	5240	-0.30	≤11.00	PASS
	total	5240	1.56	≤11.00	PASS
	Ant1	5260	-4.75	≤11.00	PASS
	Ant2	5260	-0.45	≤11.00	PASS
	total	5260	0.92	≤11.00	PASS
	Ant1	5280	-4.90	≤11.00	PASS
	Ant2	5280	-1.06	≤11.00	PASS
	total	5280	0.44	≤11.00	PASS
	Ant1	5320	-4.53	≤11.00	PASS
	Ant2	5320	0.08	≤11.00	PASS
	total	5320	1.37	≤11.00	PASS
	Ant1	5500	-5.05	≤11.00	PASS
	Ant2	5500	-0.62	≤11.00	PASS
	total	5500	0.72	≤11.00	PASS
	Ant1	5580	-5.09	≤11.00	PASS
	Ant2	5580	0.52	≤11.00	PASS
	total	5580	1.57	≤11.00	PASS
	Ant1	5700	-3.91	≤11.00	PASS
	Ant2	5700	2.63	≤11.00	PASS
	total	5700	3.50	≤11.00	PASS
	Ant1	5720 UNII-2C	-4.27	≤11.00	PASS
	Ant2	5720 UNII-2C	1.85	≤11.00	PASS
	total	5720 UNII-2C	2.80	≤11.00	PASS
11AC40MIMO	Ant1	5190	-4.88	≤11.00	PASS
	Ant2	5190	-1.55	≤11.00	PASS
	total	5190	0.11	≤11.00	PASS
	Ant1	5230	-4.42	≤11.00	PASS
	Ant2	5230	-1.90	≤11.00	PASS
	total	5230	0.03	≤11.00	PASS
	Ant1	5270	-7.71	≤11.00	PASS
	Ant2	5270	-2.75	≤11.00	PASS
	total	5270	-1.55	≤11.00	PASS
	Ant1	5310	-7.16	≤11.00	PASS
	Ant2	5310	-2.68	≤11.00	PASS
	total	5310	-1.36	≤11.00	PASS

	Ant1	5510	-8.94	≤11.00	PASS
	Ant2	5510	-4.29	≤11.00	PASS
	total	5510	-3.01	≤11.00	PASS
	Ant1	5550	-9.51	≤11.00	PASS
	Ant2	5550	-4.60	≤11.00	PASS
	total	5550	-3.38	≤11.00	PASS
	Ant1	5670	-8.19	≤11.00	PASS
	Ant2	5670	-2.22	≤11.00	PASS
	total	5670	-1.24	≤11.00	PASS
	Ant1	5710_UNII-2C	-8.37	≤11.00	PASS
	Ant2	5710_UNII-2C	-2.45	≤11.00	PASS
	total	5710_UNII-2C	-1.46	≤11.00	PASS
11AC80MIMO	Ant1	5210	-10.13	≤11.00	PASS
	Ant2	5210	-7.85	≤11.00	PASS
	total	5210	-5.83	≤11.00	PASS
	Ant1	5290	-11.28	≤11.00	PASS
	Ant2	5290	-7.03	≤11.00	PASS
	total	5290	-5.64	≤11.00	PASS
	Ant1	5530	-11.42	≤11.00	PASS
	Ant2	5530	-7.89	≤11.00	PASS
	total	5530	-6.30	≤11.00	PASS
	Ant1	5610	-10.10	≤11.00	PASS
	Ant2	5610	-7.71	≤11.00	PASS
	total	5610	-5.73	≤11.00	PASS
	Ant1	5690_UNII-2C	-9.19	≤11.00	PASS
	Ant2	5690_UNII-2C	-6.56	≤11.00	PASS
	total	5690_UNII-2C	-4.67	≤11.00	PASS

Test Mode	Ant.	Freq. (MHz)	Result (dBm/300kHz)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11A	Ant1	5720_UNII-3	-5.85	-3.65	≤30.00	PASS
	Ant2	5720_UNII-3	-0.94	1.26	≤30.00	PASS
	Ant1	5745	-3.25	-1.05	≤30.00	PASS
	Ant2	5745	1.54	3.74	≤30.00	PASS
	Ant1	5785	-2.43	-0.23	≤30.00	PASS
	Ant2	5785	0.85	3.05	≤30.00	PASS
	Ant1	5825	-1.62	0.58	≤30.00	PASS
	Ant2	5825	1.01	3.21	≤30.00	PASS
11N20MIMO	Ant1	5720_UNII-3	-9.63	-7.43	≤30.00	PASS
	Ant2	5720_UNII-3	-4.00	-1.8	≤30.00	PASS
	total	5720_UNII-3	-2.95	-0.75	≤30.00	PASS
	Ant1	5745	-6.99	-4.79	≤30.00	PASS
	Ant2	5745	-2.06	0.14	≤30.00	PASS
	total	5745	-0.85	1.35	≤30.00	PASS
	Ant1	5785	-6.72	-4.52	≤30.00	PASS
	Ant2	5785	-1.79	0.41	≤30.00	PASS
	total	5785	-0.58	1.62	≤30.00	PASS
	Ant1	5825	-6.21	-4.01	≤30.00	PASS
	Ant2	5825	-1.92	0.28	≤30.00	PASS
	total	5825	-0.55	1.65	≤30.00	PASS
11N40MIMO	Ant1	5710_UNII-3	-14.96	-12.76	≤30.00	PASS
	Ant2	5710_UNII-3	-7.89	-5.69	≤30.00	PASS
	total	5710_UNII-3	-7.11	-4.91	≤30.00	PASS
	Ant1	5755	-9.82	-7.62	≤30.00	PASS
	Ant2	5755	-4.52	-2.32	≤30.00	PASS
	total	5755	-3.40	-1.2	≤30.00	PASS
	Ant1	5795	-9.46	-7.26	≤30.00	PASS
	Ant2	5795	-2.42	-0.22	≤30.00	PASS
	total	5795	-1.64	0.56	≤30.00	PASS
11AC20MIMO	Ant1	5720_UNII-3	-8.33	-6.13	≤30.00	PASS

	Ant2	5720 UNII-3	-1.49	0.71	≤30.00	PASS
	total	5720 UNII-3	-0.67	1.53	≤30.00	PASS
	Ant1	5745	-6.00	-3.8	≤30.00	PASS
	Ant2	5745	-0.34	1.86	≤30.00	PASS
	total	5745	0.70	2.9	≤30.00	PASS
	Ant1	5785	-5.21	-3.01	≤30.00	PASS
	Ant2	5785	0.07	2.27	≤30.00	PASS
	total	5785	1.20	3.4	≤30.00	PASS
	Ant1	5825	-4.61	-2.41	≤30.00	PASS
	Ant2	5825	-0.59	1.61	≤30.00	PASS
	total	5825	0.86	3.06	≤30.00	PASS
11AC40MIMO	Ant1	5710 UNII-3	-14.14	-11.94	≤30.00	PASS
	Ant2	5710 UNII-3	-8.47	-6.27	≤30.00	PASS
	total	5710 UNII-3	-7.43	-5.23	≤30.00	PASS
	Ant1	5755	-9.82	-7.62	≤30.00	PASS
	Ant2	5755	-4.71	-2.51	≤30.00	PASS
	total	5755	-3.54	-1.34	≤30.00	PASS
	Ant1	5795	-10.07	-7.87	≤30.00	PASS
	Ant2	5795	-4.73	-2.53	≤30.00	PASS
	total	5795	-3.62	-1.42	≤30.00	PASS
11AC80MIMO	Ant1	5690 UNII-3	-15.95	-13.75	≤30.00	PASS
	Ant2	5690 UNII-3	-13.05	-10.85	≤30.00	PASS
	total	5690 UNII-3	-11.25	-9.05	≤30.00	PASS
	Ant1	5775	-9.91	-7.71	≤30.00	PASS
	Ant2	5775	-8.00	-5.8	≤30.00	PASS
	total	5775	-5.84	-3.64	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5. Original Test Data























































