































11AX80SISO Ant1 5775



6dB Bandwidth:

11A Ant1 5720



11A Ant1 5745





















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

ISED RSS-247 ISSUE 4		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power or e.i.r.p.	The maximum e.i.r.p. shall not exceed 200 mW (23 dBm) or 10 + 10 log10B, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.	5150-5250
	a. The maximum conducted output power shall not exceed 250 mW (24 dBm) or 11 + 10 log10B dBm, whichever is less.	5250-5350
	b. The maximum e.i.r.p. shall not exceed 1.0 W (30 dBm) or 17 + 10 log10B dBm, whichever is less. B is the 99 % emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.	5250-5350 5470-5600 5650-5725
	Shall not exceed 1 Watt (30 dBm). The e.i.r.p. shall not exceed 4 W	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

Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

- (1) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
 - a) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
 - b) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
 - c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- (2) If the transmitter does not transmit continuously, measure the duty cycle D of the transmitter output signal as described in 12.2.
- (3) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- (4) Correct the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.

10.4. Test Result

Test Mode	Ant.	Freq. (MHz)	Channel Power (dBm)	DC Factor (dBm)	Result (dBm)	Limit (dBm)	Gain(dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
11A	Ant1	5180	12.56	1.37	13.93	$\leq 23.9_8$	4.00	17.93	≤ 22.32	PASS
		5200	12.07	1.40	13.47	$\leq 23.9_8$	4.00	17.47	≤ 22.36	PASS
		5240	12.43	1.41	13.84	$\leq 23.9_8$	4.00	17.84	≤ 22.35	PASS
		5260	10.03	1.40	11.43	$\leq 23.9_8$	4.00	15.43	≤ 26.99	PASS
		5280	9.73	1.41	11.14	$\leq 23.9_8$	4.00	15.14	≤ 26.99	PASS
		5320	9.19	1.41	10.60	$\leq 23.9_8$	4.00	14.60	≤ 26.99	PASS
		5500	8.32	1.41	9.73	$\leq 23.9_8$	4.00	13.73	≤ 26.99	PASS
		5580	9.80	1.40	11.20	$\leq 23.9_8$	4.00	15.20	≤ 26.99	PASS
		5700	5.17	2.43	7.60	$\leq 23.9_8$	4.00	11.60	≤ 26.99	PASS
		5720_U NII-2C	7.71	1.37	9.08	$\leq 23.3_9$	4.00	13.08	≤ 26.99	PASS
		5720_U NII-3	1.78	1.37	3.15	$\leq 30.0_0$	4.00	7.15	---	PASS
		5745	9.69	1.41	11.10	$\leq 30.0_0$	4.00	15.10	---	PASS
		5785	7.55	1.37	8.92	$\leq 30.0_0$	4.00	12.92	---	PASS
		5825	8.68	1.40	10.08	$\leq 30.0_0$	4.00	14.08	---	PASS
11N20SISO	Ant1	5180	12.52	1.51	14.03	$\leq 23.9_8$	4.00	18.03	≤ 22.58	PASS
		5200	11.77	1.46	13.23	$\leq 23.9_8$	4.00	17.23	≤ 22.58	PASS
		5240	11.68	1.49	13.17	$\leq 23.9_8$	4.00	17.17	≤ 22.62	PASS
		5260	10.18	1.48	11.66	$\leq 23.9_8$	4.00	15.66	≤ 26.99	PASS
		5280	9.10	1.49	10.59	$\leq 23.9_8$	4.00	14.59	≤ 26.99	PASS
		5320	8.69	1.49	10.18	$\leq 23.9_8$	4.00	14.18	≤ 26.99	PASS
		5500	8.68	1.49	10.17	$\leq 23.9_8$	4.00	14.17	≤ 26.99	PASS
		5580	10.58	1.48	12.06	$\leq 23.9_8$	4.00	16.06	≤ 26.99	PASS
		5700	9.79	1.49	11.28	$\leq 23.9_8$	4.00	15.28	≤ 26.99	PASS
		5720_U NII-2C	7.96	1.49	9.45	$\leq 23.3_9$	4.00	13.45	≤ 26.99	PASS
		5720_U NII-3	1.84	1.49	3.33	$\leq 30.0_0$	4.00	7.33	---	PASS
		5745	9.93	1.49	11.42	$\leq 30.0_0$	4.00	15.42	---	PASS
		5785	9.48	1.46	10.94	$\leq 30.0_0$	4.00	14.94	---	PASS
		5825	8.61	1.48	10.09	$\leq 30.0_0$	4.00	14.09	---	PASS

11N40SIS O	Ant1	5190	11.30	2.55	13.85	≤ 23.9 8	4.00	17.85	≤ 23.01	PASS
		5230	11.92	2.61	14.53	≤ 23.9 8	4.00	18.53	≤ 23.01	PASS
		5270	7.41	2.61	10.02	≤ 23.9 8	4.00	14.02	≤ 26.99	PASS
		5310	7.80	2.61	10.41	≤ 23.9 8	4.00	14.41	≤ 26.99	PASS
		5510	7.22	2.58	9.80	≤ 23.9 8	4.00	13.80	≤ 26.99	PASS
		5550	7.40	2.55	9.95	≤ 23.9 8	4.00	13.95	≤ 26.99	PASS
		5670	11.69	2.55	14.24	≤ 23.9 8	4.00	18.24	≤ 26.99	PASS
		5710_U NII-2C	12.09	2.55	14.64	≤ 23.9 8	4.00	18.64	≤ 26.99	PASS
		5710_U NII-3	2.75	2.55	5.30	≤ 30.0 0	4.00	9.30	---	PASS
		5755	12.61	2.61	15.22	≤ 30.0 0	4.00	19.22	---	PASS
		5795	12.18	2.61	14.79	≤ 30.0 0	4.00	18.79	---	PASS
11AC20SI SO	Ant1	5180	10.84	1.47	12.31	≤ 23.9 8	4.00	16.31	≤ 22.63	PASS
		5200	11.34	1.48	12.82	≤ 23.9 8	4.00	16.82	≤ 22.61	PASS
		5240	10.74	1.47	12.21	≤ 23.9 8	4.00	16.21	≤ 22.63	PASS
		5260	9.51	1.48	10.99	≤ 23.9 8	4.00	14.99	≤ 26.99	PASS
		5280	8.74	1.48	10.22	≤ 23.9 8	4.00	14.22	≤ 26.99	PASS
		5320	8.22	1.48	9.70	≤ 23.9 8	4.00	13.70	≤ 26.99	PASS
		5500	7.41	1.48	8.89	≤ 23.9 8	4.00	12.89	≤ 26.99	PASS
		5580	9.22	1.48	10.70	≤ 23.9 8	4.00	14.70	≤ 26.99	PASS
		5700	9.33	1.45	10.78	≤ 23.9 8	4.00	14.78	≤ 26.99	PASS
		5720_U NII-2C	6.73	1.48	8.21	≤ 23.2 2	4.00	12.21	≤ 26.99	PASS
		5720_U NII-3	2.83	1.48	4.31	≤ 30.0 0	4.00	8.31	---	PASS
		5745	8.47	1.48	9.95	≤ 30.0 0	4.00	13.95	---	PASS
		5785	8.21	1.47	9.68	≤ 30.0 0	4.00	13.68	---	PASS
		5825	8.18	1.48	9.66	≤ 30.0 0	4.00	13.66	---	PASS
11AC40SI SO	Ant1	5190	10.21	2.55	12.76	≤ 23.9 8	4.00	16.76	≤ 23.01	PASS
		5230	10.12	2.55	12.67	≤ 23.9 8	4.00	16.67	≤ 23.01	PASS
		5270	6.10	2.58	8.68	≤ 23.9 8	4.00	12.68	≤ 26.99	PASS
		5310	7.34	2.58	9.92	≤ 23.9 8	4.00	13.92	≤ 26.99	PASS
		5510	6.50	2.58	9.08	≤ 23.9 8	4.00	13.08	≤ 26.99	PASS
		5550	6.73	2.58	9.31	≤ 23.9 8	4.00	13.31	≤ 26.99	PASS

		5670	7.50	2.58	10.08	≤ 23.9 8	4.00	14.08	≤ 26.99	PASS
		5710_U NII-2C	7.11	2.58	9.69	≤ 23.9 8	4.00	13.69	≤ 26.99	PASS
		5710_U NII-3	-2.23	2.58	0.35	≤ 30.0 0	4.00	4.35	---	PASS
		5755	8.21	2.58	10.79	≤ 30.0 0	4.00	14.79	---	PASS
		5795	7.26	2.58	9.84	≤ 30.0 0	4.00	13.84	---	PASS
11AC80SI SO	Ant1	5210	8.67	4.14	12.81	≤ 23.9 8	4.00	16.81	≤ 23.01	PASS
		5290	3.47	6.67	10.14	≤ 23.9 8	4.00	14.14	≤ 26.99	PASS
		5530	9.46	0.00	9.46	≤ 23.9 8	4.00	13.46	≤ 26.99	PASS
		5610	10.33	4.63	14.96	≤ 23.9 8	4.00	18.96	≤ 26.99	PASS
		5690_U NII-2C	9.96	4.19	14.15	≤ 23.9 8	4.00	18.15	≤ 26.99	PASS
		5690_U NII-3	-1.09	4.19	3.10	≤ 30.0 0	4.00	7.10	---	PASS
		5775	11.06	4.14	15.20	≤ 30.0 0	4.00	19.20	---	PASS
11AX20SI SO	Ant1	5180	9.15	1.82	10.97	≤ 23.9 8	4.00	14.97	≤ 22.81	PASS
		5200	11.22	1.79	13.01	≤ 23.9 8	4.00	17.01	≤ 22.81	PASS
		5240	11.08	1.79	12.87	≤ 23.9 8	4.00	16.87	≤ 22.81	PASS
		5260	9.18	1.79	10.97	≤ 23.9 8	4.00	14.97	≤ 26.99	PASS
		5280	9.14	1.83	10.97	≤ 23.9 8	4.00	14.97	≤ 26.99	PASS
		5320	7.85	1.83	9.68	≤ 23.9 8	4.00	13.68	≤ 26.99	PASS
		5500	7.78	1.82	9.60	≤ 23.9 8	4.00	13.60	≤ 26.99	PASS
		5580	8.85	1.83	10.68	≤ 23.9 8	4.00	14.68	≤ 26.99	PASS
		5700	9.60	1.82	11.42	≤ 23.9 8	4.00	15.42	≤ 26.99	PASS
		5720_U NII-2C	8.42	1.83	10.25	≤ 23.1 5	4.00	14.25	≤ 26.99	PASS
		5720_U NII-3	2.80	1.83	4.63	≤ 30.0 0	4.00	8.63	---	PASS
		5745	9.49	1.83	11.32	≤ 30.0 0	4.00	15.32	---	PASS
		5785	8.78	1.83	10.61	≤ 30.0 0	4.00	14.61	---	PASS
		5825	7.96	1.79	9.75	≤ 30.0 0	4.00	13.75	---	PASS
11AX40SI SO	Ant1	5190	10.31	2.97	13.28	≤ 23.9 8	4.00	17.28	≤ 23.01	PASS
		5230	9.78	2.97	12.75	≤ 23.9 8	4.00	16.75	≤ 23.01	PASS
		5270	6.92	2.97	9.89	≤ 23.9 8	4.00	13.89	≤ 26.99	PASS
		5310	7.15	2.97	10.12	≤ 23.9 8	4.00	14.12	≤ 26.99	PASS
		5510	7.02	2.89	9.91	≤ 23.9 8	4.00	13.91	≤ 26.99	PASS

		5550	6.17	2.97	9.14	≤ 23.9 8	4.00	13.14	≤ 26.99	PASS
		5670	7.44	2.97	10.41	≤ 23.9 8	4.00	14.41	≤ 26.99	PASS
		5710_U NII-2C	7.30	2.93	10.23	≤ 23.9 8	4.00	14.23	≤ 26.99	PASS
		5710_U NII-3	-2.42	2.93	0.51	≤ 30.0 0	4.00	4.51	---	PASS
		5755	8.46	2.97	11.43	≤ 30.0 0	4.00	15.43	---	PASS
		5795	5.49	2.97	8.46	≤ 30.0 0	4.00	12.46	---	PASS
11AX80SI SO	Ant1	5210	8.05	4.46	12.51	≤ 23.9 8	4.00	16.51	≤ 23.01	PASS
		5290	5.35	0.00	5.35	≤ 23.9 8	4.00	9.35	≤ 26.99	PASS
		5530	5.13	0.00	5.13	≤ 23.9 8	4.00	9.13	≤ 26.99	PASS
		5610	6.40	4.56	10.96	≤ 23.9 8	4.00	14.96	≤ 26.99	PASS
		5690_U NII-2C	5.59	4.41	10.00	≤ 23.9 8	4.00	14.00	≤ 26.99	PASS
		5690_U NII-3	-6.68	4.41	-2.27	≤ 30.0 0	4.00	1.73	---	PASS
		5775	11.98	0.00	11.98	≤ 30.0 0	4.00	15.98	---	PASS

Note: The EIRP = Channel Power + DC factor + Ant. Gain

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

ISED RSS-247 Issue 4		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	5150-5250
	The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.	5250-5350 5470-5600 5650-5725
	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

- a) Measure the duty cycle D of the transmitter output signal as described in 12.2.
 - b) Set span to encompass the entire 99% OBW of the signal.
 - c) Set RBW = 1 MHz.
 - d) Set VBW ≥ 3 MHz.
 - e) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
 - f) Sweep time = auto.
 - g) Detector = Power averaging (rms), if available. Otherwise, use sample detector mode.
 - h) Do not use sweep triggering. Allow the sweep to "free run."
 - i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter. then add $[10 \log (1 / D)]$, where D is the duty cycle, to the peak of the spectrum.
 - j) The procedure in item a) through item i) requires the use of 1 MHz resolution bandwidth to satisfy the 1 MHz measurement bandwidth specified by some regulatory authorities.⁸⁵ This requirement also permits use of resolution bandwidths less than 1 MHz "provided that the measured power is integrated to show the total power over the measurement bandwidth" (i.e., 1 MHz). If measurements are performed using a reduced resolution bandwidth and integrated over 1 MHz bandwidth, the following adjustments to the procedures apply:
 - 1) Set RBW $\geq 1 / T$.
 - 2) Set VBW $\geq [3 \times \text{RBW}]$.
 - 3) Care shall be taken such that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.
- Connect the UUT to the spectrum analyzer and use the following settings:

5150 MHz~5250 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
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
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)	EIRP	Limit(dBm /MHz)	Verdict
11A	Ant1	5180	3.91	≤ 11.00	7.91	≤ 10.00	PASS
		5200	3.88	≤ 11.00	7.88	≤ 10.00	PASS
		5240	3.88	≤ 11.00	7.88	≤ 10.00	PASS
		5260	1.93	≤ 11.00	---	---	PASS
		5280	1.48	≤ 11.00	---	---	PASS
		5320	1.15	≤ 11.00	---	---	PASS
		5500	0.22	≤ 11.00	---	---	PASS
		5580	1.79	≤ 11.00	---	---	PASS
		5700	-2.89	≤ 11.00	---	---	PASS
		5720_UNII-2 C	0.03	≤ 11.00	---	---	PASS
11N20SISO	Ant1	5720_UNII-3	-3.58	≤ 30.00	---	---	PASS
		5180	4.28	≤ 11.00	8.28	≤ 10.00	PASS
		5200	3.10	≤ 11.00	7.10	≤ 10.00	PASS
		5240	3.36	≤ 11.00	7.36	≤ 10.00	PASS
		5260	1.07	≤ 11.00	---	---	PASS
		5280	0.95	≤ 11.00	---	---	PASS
		5320	0.10	≤ 11.00	---	---	PASS
		5500	-0.23	≤ 11.00	---	---	PASS
		5580	0.88	≤ 11.00	---	---	PASS
		5700	0.85	≤ 11.00	---	---	PASS
11N40SISO	Ant1	5720_UNII-2 C	0.53	≤ 11.00	---	---	PASS
		5720_UNII-3	-3.54	≤ 30.00	---	---	PASS
		5190	1.20	≤ 11.00	5.20	≤ 10.00	PASS
		5230	0.56	≤ 11.00	4.56	≤ 10.00	PASS

		5270	-2.00	≤11.00	---	---	PASS
		5310	-2.03	≤11.00	---	---	PASS
		5510	-2.46	≤11.00	---	---	PASS
		5550	-3.55	≤11.00	---	---	PASS
		5670	2.40	≤11.00	---	---	PASS
		5710_UNII-2 C	1.56	≤11.00	---	---	PASS
		5710_UNII-3	-1.21	≤30.00	---	---	PASS
11AC20SISO	Ant1	5180	2.05	≤11.00	6.05	≤10.00	PASS
		5200	2.71	≤11.00	6.71	≤10.00	PASS
		5240	2.83	≤11.00	6.83	≤10.00	PASS
		5260	0.59	≤11.00	---	---	PASS
		5280	0.20	≤11.00	---	---	PASS
		5320	-0.31	≤11.00	---	---	PASS
		5500	-1.44	≤11.00	---	---	PASS
		5580	1.70	≤11.00	---	---	PASS
		5700	1.57	≤11.00	---	---	PASS
		5720_UNII-2 C	1.17	≤11.00	---	---	PASS
11AC40SISO	Ant1	5720_UNII-3	-2.67	≤30.00	---	---	PASS
		5190	1.52	≤11.00	5.52	≤10.00	PASS
		5230	1.02	≤11.00	5.02	≤10.00	PASS
		5270	-0.16	≤11.00	---	---	PASS
		5310	-1.80	≤11.00	---	---	PASS
		5510	-2.97	≤11.00	---	---	PASS
		5550	-0.02	≤11.00	---	---	PASS
		5670	-0.26	≤11.00	---	---	PASS
		5710_UNII-2 C	-1.74	≤11.00	---	---	PASS
11AC80SISO	Ant1	5710_UNII-3	-6.86	≤30.00	---	---	PASS
		5210	2.82	≤11.00	6.82	≤10.00	PASS
		5290	-5.66	≤11.00	---	---	PASS
		5530	-9.58	≤11.00	---	---	PASS
		5610	1.41	≤11.00	---	---	PASS
		5690_UNII-2 C	1.51	≤11.00	---	---	PASS
11AX20SISO	Ant1	5690_UNII-3	-4.18	≤30.00	---	---	PASS
		5180	5.32	≤11.00	9.32	≤10.00	PASS
		5200	5.71	≤11.00	9.71	≤10.00	PASS
		5240	4.48	≤11.00	8.48	≤10.00	PASS
		5260	2.85	≤11.00	---	---	PASS
		5280	2.52	≤11.00	---	---	PASS
		5320	3.09	≤11.00	---	---	PASS
		5500	1.30	≤11.00	---	---	PASS
		5580	3.03	≤11.00	---	---	PASS
		5700	1.72	≤11.00	---	---	PASS
11AX40SISO	Ant1	5720_UNII-2 C	1.42	≤11.00	---	---	PASS
		5720_UNII-3	-1.42	≤30.00	---	---	PASS
		5190	0.20	≤11.00	4.20	≤10.00	PASS
		5230	-1.00	≤11.00	3.00	≤10.00	PASS
		5270	-3.18	≤11.00	---	---	PASS
		5310	-3.62	≤11.00	---	---	PASS
		5510	-3.85	≤11.00	---	---	PASS
		5550	-2.77	≤11.00	---	---	PASS
		5670	-2.94	≤11.00	---	---	PASS
11AX80SISO	Ant1	5710_UNII-2 C	-2.66	≤11.00	---	---	PASS
		5710_UNII-3	-6.15	≤30.00	---	---	PASS
		5210	-3.90	≤11.00	0.10	≤10.00	PASS
		5290	-10.29	≤11.00	---	---	PASS

		5530	-10.88	≤11.00	---	---	PASS
		5610	-4.81	≤11.00	---	---	PASS
		5690_UNII-2 C	-5.95	≤11.00	---	---	PASS
		5690_UNII-3	-10.67	≤30.00	---	---	PASS

11.5. Test Result for B4

TestMode	Antenna	Freq (MHz)	Raw Data [dBm/300KHz]	DC Factor	RBW Factor	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	-4.57	1.41	2.22	-0.94	≤30.00	PASS
		5785	-5.02	1.37	2.22	-1.43	≤30.00	PASS
		5825	-5.59	1.40	2.22	-1.97	≤30.00	PASS
11N20SISO	Ant1	5745	-5	1.49	2.22	-1.29	≤30.00	PASS
		5785	-4.92	1.46	2.22	-1.24	≤30.00	PASS
		5825	-6.32	1.48	2.22	-2.62	≤30.00	PASS
11N40SISO	Ant1	5755	-4.63	2.61	2.22	0.20	≤30.00	PASS
		5795	-5.26	2.61	2.22	-0.43	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.58	1.48	2.22	-0.88	≤30.00	PASS
		5785	-5.58	1.47	2.22	-1.89	≤30.00	PASS
		5825	-5.99	1.48	2.22	-2.29	≤30.00	PASS
11AC40SISO	Ant1	5755	-8.91	2.58	2.22	-4.11	≤30.00	PASS
		5795	-8.88	2.58	2.22	-4.08	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.92	4.14	2.22	-2.56	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.73	1.83	2.22	-0.68	≤30.00	PASS
		5785	-4.91	1.83	2.22	-0.86	≤30.00	PASS
		5825	-5.48	1.79	2.22	-1.47	≤30.00	PASS
11AX40SISO	Ant1	5755	-9.81	2.97	2.22	-4.62	≤30.00	PASS
		5795	-10.65	2.97	2.22	-5.46	≤30.00	PASS
11AX80SISO	Ant1	5775	-13.14	4.56	2.22	-6.36	≤30.00	PASS

Note1: The EIRP = Result + Ant. Gain

Note2: Ant. Gain=4dBi

Note3: The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

Note4: The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.6. Original Test Data























