

























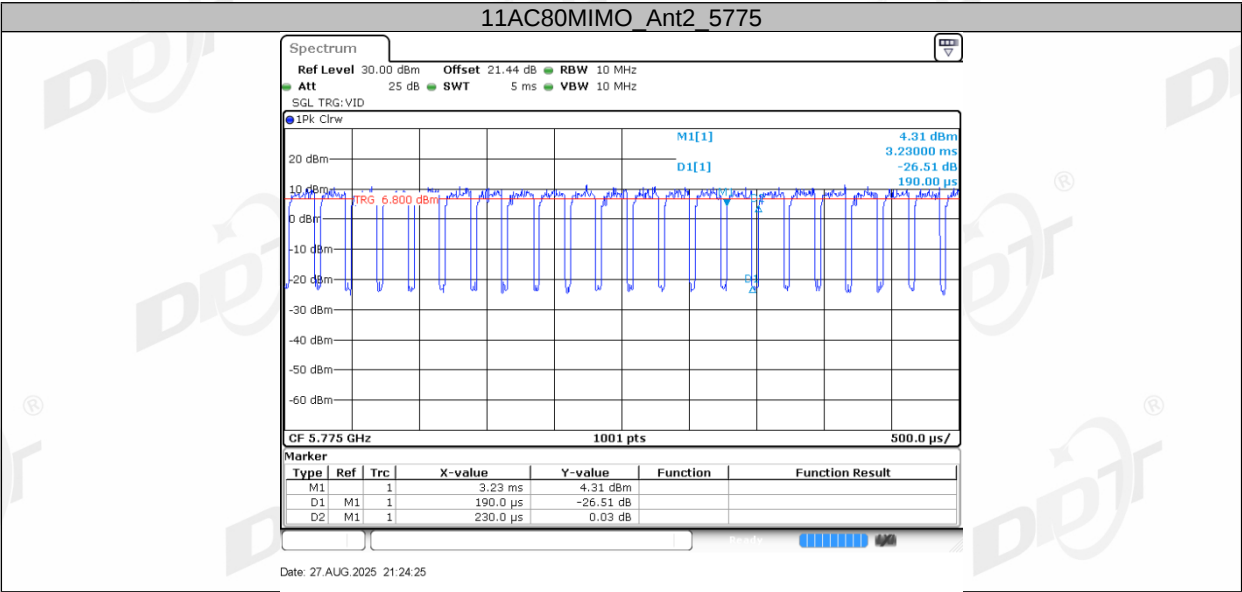






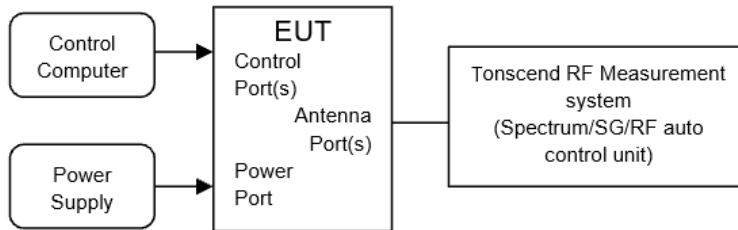






8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC: outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (23.98 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23.01 dBm) or $10 + 10 \log_{10} B$	
	For FCC: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	5250-5350
	For RSS: For conducted output power: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
	For FCC: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	For RSS: For conducted output power: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
	1 Watt (30 dBm)	5725-5850

Note 1: For FCC: B=26 bandwidth; For ISM: B=99% bandwidth.
 Note 2: If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and operating in 5725-5850 band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator

Measure the output power of each antenna port by power sensor.

8.4. Test result channel power

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.4-26.5℃, 39.5-44.5%RH	Test Date:	2025.07.31-2025.09.01
Test Power Supply:	AC 120V	Sample Number:	S25070114-001

Test Mode	Ant.	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	AV Power Result [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	ISED EIRP Limit [dBm]	Verdict
11A	Ant1	5180	97.22	0.12	13.66	≤23.98	---	18.26	≤22.33	PASS
	Ant2	5180	96.53	0.15	12.11	≤23.98	---	17.08	≤22.33	PASS
	Ant1	5200	96.53	0.15	13.68	≤23.98	---	18.28	≤22.33	PASS
	Ant2	5200	96.53	0.15	11.71	≤23.98	---	16.68	≤22.33	PASS
	Ant1	5240	97.22	0.12	13.97	≤23.98	---	18.57	≤22.33	PASS
	Ant2	5240	97.22	0.12	11.43	≤23.98	---	16.4	≤22.33	PASS
	Ant1	5260	97.20	0.12	14.12	≤23.98	≤23.33	18.72	≤29.33	PASS
	Ant2	5260	97.22	0.12	11.20	≤23.98	≤23.33	16.17	≤29.33	PASS
	Ant1	5280	96.53	0.15	14.49	≤23.98	≤23.33	19.09	≤29.33	PASS
	Ant2	5280	96.53	0.15	11.14	≤23.98	≤23.33	16.11	≤29.33	PASS
	Ant1	5320	96.53	0.15	14.65	≤23.98	≤23.33	19.25	≤29.33	PASS
	Ant2	5320	96.53	0.15	11.47	≤23.98	≤23.33	16.44	≤29.33	PASS
	Ant1	5500	97.20	0.12	13.99	≤23.98	≤23.33	18.59	≤29.33	PASS
	Ant2	5500	96.53	0.15	13.18	≤23.98	≤23.33	18.15	≤29.33	PASS
	Ant1	5580	96.53	0.15	14.21	≤23.98	≤23.33	18.81	≤29.33	PASS
	Ant2	5580	97.20	0.12	11.60	≤23.98	≤23.33	16.57	≤29.33	PASS
	Ant1	5700	97.20	0.12	14.61	≤23.98	≤23.33	19.21	≤29.33	PASS
	Ant2	5700	96.53	0.15	10.64	≤23.98	≤23.33	15.61	≤29.33	PASS
	Ant1	5720	97.22	0.12	14.35	≤23.98	≤23.33	18.95	≤29.33	PASS
	Ant2	5720	97.22	0.12	10.48	≤23.98	≤23.33	15.45	≤29.33	PASS
	Ant1	5745	96.53	0.15	13.99	≤30.00	≤30.00	18.59	---	PASS
	Ant2	5745	96.53	0.15	10.56	≤30.00	≤30.00	15.53	---	PASS

	Ant1	5785	97.22	0.12	13.82	≤30.00	≤30.00	18.42	---	PASS
	Ant2	5785	97.20	0.12	11.17	≤30.00	≤30.00	16.14	---	PASS
	Ant1	5825	97.22	0.12	13.77	≤30.00	≤30.00	18.37	---	PASS
	Ant2	5825	97.22	0.12	11.28	≤30.00	≤30.00	16.25	---	PASS
11N20MIMO	Ant1	5180	93.06	0.31	13.99	≤23.98	---	18.59	≤22.51	PASS
	Ant2	5180	93.06	0.31	11.82	≤23.98	---	16.79	≤22.51	PASS
	total	5180	---	---	16.05	≤23.98	---	21.02	≤22.51	PASS
	Ant1	5200	94.37	0.25	13.84	≤23.98	---	18.44	≤22.51	PASS
	Ant2	5200	94.37	0.25	11.65	≤23.98	---	16.62	≤22.51	PASS
	total	5200	---	---	15.89	≤23.98	---	20.86	≤22.51	PASS
	Ant1	5240	93.06	0.31	14.22	≤23.98	---	18.82	≤22.51	PASS
	Ant2	5240	94.37	0.25	11.68	≤23.98	---	16.65	≤22.51	PASS
	total	5240	---	---	16.14	≤23.98	---	21.11	≤22.51	PASS
	Ant1	5260	93.06	0.31	14.44	≤23.98	≤23.49	19.04	≤29.49	PASS
	Ant2	5260	93.06	0.31	11.43	≤23.98	≤23.49	16.4	≤29.49	PASS
	total	5260	---	---	16.20	≤23.98	≤23.49	21.17	≤29.49	PASS
	Ant1	5280	94.37	0.25	14.45	≤23.98	≤23.49	19.05	≤29.49	PASS
	Ant2	5280	93.06	0.31	10.76	≤23.98	≤23.49	15.73	≤29.49	PASS
	total	5280	---	---	16.00	≤23.98	≤23.49	20.97	≤29.49	PASS
	Ant1	5320	94.37	0.25	14.69	≤23.98	≤23.49	19.29	≤29.49	PASS
	Ant2	5320	94.37	0.25	11.68	≤23.98	≤23.49	16.65	≤29.49	PASS
	total	5320	---	---	16.45	≤23.98	≤23.49	21.42	≤29.49	PASS
	Ant1	5500	93.06	0.31	14.29	≤23.98	≤23.49	18.89	≤29.49	PASS
	Ant2	5500	94.37	0.25	13.37	≤23.98	≤23.49	18.34	≤29.49	PASS
	total	5500	---	---	16.86	≤23.98	≤23.49	21.83	≤29.49	PASS
	Ant1	5580	94.37	0.25	14.32	≤23.98	≤23.49	18.92	≤29.49	PASS
	Ant2	5580	94.37	0.25	12.43	≤23.98	≤23.49	17.4	≤29.49	PASS
	total	5580	---	---	16.49	≤23.98	≤23.49	21.46	≤29.49	PASS

	Ant1	5700	93.06	0.31	14.88	≤23.98	≤23.49	19.48	≤29.49	PASS
	Ant2	5700	93.06	0.31	10.94	≤23.98	≤23.49	15.91	≤29.49	PASS
	total	5700	---	---	16.35	≤23.98	≤23.49	21.32	≤29.49	PASS
	Ant1	5720	93.06	0.31	14.67	≤23.98	≤23.49	19.27	≤29.49	PASS
	Ant2	5720	93.06	0.31	11.03	≤23.98	≤23.49	16	≤29.49	PASS
	total	5720	---	---	16.23	≤23.98	≤23.49	21.2	≤29.49	PASS
	Ant1	5745	94.37	0.25	14.30	≤30.00	≤30.00	18.9	---	PASS
	Ant2	5745	93.06	0.31	11.17	≤30.00	≤30.00	16.14	---	PASS
	total	5745	---	---	16.02	≤30.00	≤30.00	20.99	---	PASS
	Ant1	5785	94.37	0.25	13.95	≤30.00	≤30.00	18.55	---	PASS
	Ant2	5785	94.37	0.25	11.65	≤30.00	≤30.00	16.62	---	PASS
	total	5785	---	---	15.96	≤30.00	≤30.00	20.93	---	PASS
	Ant1	5825	93.06	0.31	14.02	≤30.00	≤30.00	18.62	---	PASS
	Ant2	5825	94.37	0.25	11.80	≤30.00	≤30.00	16.77	---	PASS
	total	5825	---	---	16.06	≤30.00	≤30.00	21.03	---	PASS
11N40MIMO	Ant1	5190	87.18	0.60	12.77	≤23.98	---	17.37	≤23.01	PASS
	Ant2	5190	87.18	0.60	11.22	≤23.98	---	16.19	≤23.01	PASS
	total	5190	---	---	15.07	≤23.98	---	20.04	≤23.01	PASS
	Ant1	5230	89.74	0.47	12.85	≤23.98	---	17.45	≤23.01	PASS
	Ant2	5230	87.18	0.60	9.76	≤23.98	---	14.73	≤23.01	PASS
	total	5230	---	---	14.58	≤23.98	---	19.55	≤23.01	PASS
	Ant1	5270	87.18	0.60	13.34	≤23.98	≤23.98	17.94	≤30.00	PASS
	Ant2	5270	87.18	0.60	9.59	≤23.98	≤23.98	14.56	≤30.00	PASS
	total	5270	---	---	14.87	≤23.98	≤23.98	19.84	≤30.00	PASS
	Ant1	5310	89.74	0.47	13.48	≤23.98	≤23.98	18.08	≤30.00	PASS
	Ant2	5310	89.74	0.47	10.35	≤23.98	≤23.98	15.32	≤30.00	PASS
	total	5310	---	---	15.20	≤23.98	≤23.98	20.17	≤30.00	PASS
	Ant1	5510	87.18	0.60	12.89	≤23.98	≤23.98	17.49	≤30.00	PASS

	Ant2	5510	89.74	0.47	11.71	≤23.98	≤23.98	16.68	≤30.00	PASS
	total	5510	---	---	15.35	≤23.98	≤23.98	20.32	≤30.00	PASS
	Ant1	5550	87.18	0.60	13.01	≤23.98	≤23.98	17.61	≤30.00	PASS
	Ant2	5550	87.18	0.60	10.92	≤23.98	≤23.98	15.89	≤30.00	PASS
	total	5550	---	---	15.10	≤23.98	≤23.98	20.07	≤30.00	PASS
	Ant1	5670	87.18	0.60	13.74	≤23.98	≤23.98	18.34	≤30.00	PASS
	Ant2	5670	89.74	0.47	9.68	≤23.98	≤23.98	14.65	≤30.00	PASS
	total	5670	---	---	15.18	≤23.98	≤23.98	20.15	≤30.00	PASS
	Ant1	5710	87.18	0.60	13.57	≤23.98	≤23.98	18.17	≤30.00	PASS
	Ant2	5710	87.18	0.60	9.26	≤23.98	≤23.98	14.23	≤30.00	PASS
	total	5710	---	---	14.94	≤23.98	≤23.98	19.91	≤30.00	PASS
	Ant1	5755	89.74	0.47	12.97	≤30.00	≤30.00	17.57	---	PASS
	Ant2	5755	87.18	0.60	10.00	≤30.00	≤30.00	14.97	---	PASS
	total	5755	---	---	14.74	≤30.00	≤30.00	19.71	---	PASS
	Ant1	5795	87.18	0.60	12.79	≤30.00	≤30.00	17.39	---	PASS
	Ant2	5795	89.74	0.47	9.77	≤30.00	≤30.00	14.74	---	PASS
	total	5795	---	---	14.55	≤30.00	≤30.00	19.52	---	PASS
11AC20MIMO	Ant1	5180	94.44	0.25	13.83	≤23.98	---	18.43	≤22.50	PASS
	Ant2	5180	94.44	0.25	11.86	≤23.98	---	16.83	≤22.50	PASS
	total	5180	---	---	15.97	≤23.98	---	20.94	≤22.50	PASS
	Ant1	5200	93.15	0.31	13.78	≤23.98	---	18.38	≤22.50	PASS
	Ant2	5200	93.15	0.31	12.31	≤23.98	---	17.28	≤22.50	PASS
	total	5200	---	---	16.12	≤23.98	---	21.09	≤22.50	PASS
	Ant1	5240	93.15	0.31	14.24	≤23.98	---	18.84	≤22.50	PASS
	Ant2	5240	93.15	0.31	12.01	≤23.98	---	16.98	≤22.50	PASS
	total	5240	---	---	16.28	≤23.98	---	21.25	≤22.50	PASS
	Ant1	5260	93.15	0.31	12.86	≤23.98	≤23.49	17.46	≤29.49	PASS
	Ant2	5260	94.44	0.25	10.09	≤23.98	≤23.49	15.06	≤29.49	PASS

	total	5260	---	---	14.70	≤23.98	≤23.49	19.67	≤29.49	PASS
	Ant1	5280	93.15	0.31	12.96	≤23.98	≤23.49	17.56	≤29.49	PASS
	Ant2	5280	94.44	0.25	9.23	≤23.98	≤23.49	14.2	≤29.49	PASS
	total	5280	---	---	14.49	≤23.98	≤23.49	19.46	≤29.49	PASS
	Ant1	5320	93.15	0.31	13.17	≤23.98	≤23.49	17.77	≤29.49	PASS
	Ant2	5320	94.44	0.25	9.74	≤23.98	≤23.49	14.71	≤29.49	PASS
	total	5320	---	---	14.80	≤23.98	≤23.49	19.77	≤29.49	PASS
	Ant1	5500	94.44	0.25	12.53	≤23.98	≤23.49	17.13	≤29.49	PASS
	Ant2	5500	93.15	0.31	12.13	≤23.98	≤23.49	17.1	≤29.49	PASS
	total	5500	---	---	15.34	≤23.98	≤23.49	20.31	≤29.49	PASS
	Ant1	5580	94.44	0.25	12.74	≤23.98	≤23.49	17.34	≤29.49	PASS
	Ant2	5580	93.15	0.31	10.99	≤23.98	≤23.49	15.96	≤29.49	PASS
	total	5580	---	---	14.96	≤23.98	≤23.49	19.93	≤29.49	PASS
	Ant1	5700	93.15	0.31	13.31	≤23.98	≤23.49	17.91	≤29.49	PASS
	Ant2	5700	94.44	0.25	9.39	≤23.98	≤23.49	14.36	≤29.49	PASS
	total	5700	---	---	14.79	≤23.98	≤23.49	19.76	≤29.49	PASS
	Ant1	5720	93.15	0.31	13.04	≤23.98	≤23.49	17.64	≤29.49	PASS
	Ant2	5720	94.44	0.25	9.45	≤23.98	≤23.49	14.42	≤29.49	PASS
	total	5720	---	---	14.62	≤23.98	≤23.49	19.59	≤29.49	PASS
	Ant1	5745	94.44	0.25	12.61	≤30.00	≤30.00	17.21	---	PASS
	Ant2	5745	94.44	0.25	9.75	≤30.00	≤30.00	14.72	---	PASS
	total	5745	---	---	14.42	≤30.00	≤30.00	19.39	---	PASS
	Ant1	5785	93.15	0.31	12.49	≤30.00	≤30.00	17.09	---	PASS
	Ant2	5785	93.15	0.31	10.25	≤30.00	≤30.00	15.22	---	PASS
	total	5785	---	---	14.52	≤30.00	≤30.00	19.49	---	PASS
	Ant1	5825	93.15	0.31	12.44	≤30.00	≤30.00	17.04	---	PASS
	Ant2	5825	94.44	0.25	9.70	≤30.00	≤30.00	14.67	---	PASS
	total	5825	---	---	14.29	≤30.00	≤30.00	19.26	---	PASS

11AC40MIMO	Ant1	5190	87.50	0.58	12.69	≤23.98	---	17.29	≤23.01	PASS
	Ant2	5190	89.74	0.47	11.17	≤23.98	---	16.14	≤23.01	PASS
	total	5190	---	---	15.01	≤23.98	---	19.98	≤23.01	PASS
	Ant1	5230	89.74	0.47	12.93	≤23.98	---	17.53	≤23.01	PASS
	Ant2	5230	89.74	0.47	10.47	≤23.98	---	15.44	≤23.01	PASS
	total	5230	---	---	14.88	≤23.98	---	19.85	≤23.01	PASS
	Ant1	5270	87.50	0.58	13.36	≤23.98	≤23.98	17.96	≤30.00	PASS
	Ant2	5270	87.50	0.58	10.11	≤23.98	≤23.98	15.08	≤30.00	PASS
	total	5270	---	---	15.04	≤23.98	≤23.98	20.01	≤30.00	PASS
	Ant1	5310	89.74	0.47	13.42	≤23.98	≤23.98	18.02	≤30.00	PASS
	Ant2	5310	89.74	0.47	10.24	≤23.98	≤23.98	15.21	≤30.00	PASS
	total	5310	---	---	15.13	≤23.98	≤23.98	20.1	≤30.00	PASS
	Ant1	5510	87.50	0.58	12.84	≤23.98	≤23.98	17.44	≤30.00	PASS
	Ant2	5510	87.50	0.58	11.75	≤23.98	≤23.98	16.72	≤30.00	PASS
	total	5510	---	---	15.34	≤23.98	≤23.98	20.31	≤30.00	PASS
	Ant1	5550	87.50	0.58	12.99	≤23.98	≤23.98	17.59	≤30.00	PASS
	Ant2	5550	89.74	0.47	11.45	≤23.98	≤23.98	16.42	≤30.00	PASS
	total	5550	---	---	15.30	≤23.98	≤23.98	20.27	≤30.00	PASS
	Ant1	5670	87.50	0.58	13.80	≤23.98	≤23.98	18.4	≤30.00	PASS
	Ant2	5670	89.74	0.47	9.90	≤23.98	≤23.98	14.87	≤30.00	PASS
	total	5670	---	---	15.28	≤23.98	≤23.98	20.25	≤30.00	PASS
	Ant1	5710	87.50	0.58	13.51	≤23.98	≤23.98	18.11	≤30.00	PASS
	Ant2	5710	87.50	0.58	9.26	≤23.98	≤23.98	14.23	≤30.00	PASS
	total	5710	---	---	14.90	≤23.98	≤23.98	19.87	≤30.00	PASS
	Ant1	5755	89.74	0.47	14.62	≤30.00	≤30.00	19.22	---	PASS
	Ant2	5755	89.74	0.47	11.58	≤30.00	≤30.00	16.55	---	PASS
	total	5755	---	---	16.37	≤30.00	≤30.00	21.34	---	PASS
	Ant1	5795	87.50	0.58	14.48	≤30.00	≤30.00	19.08	---	PASS

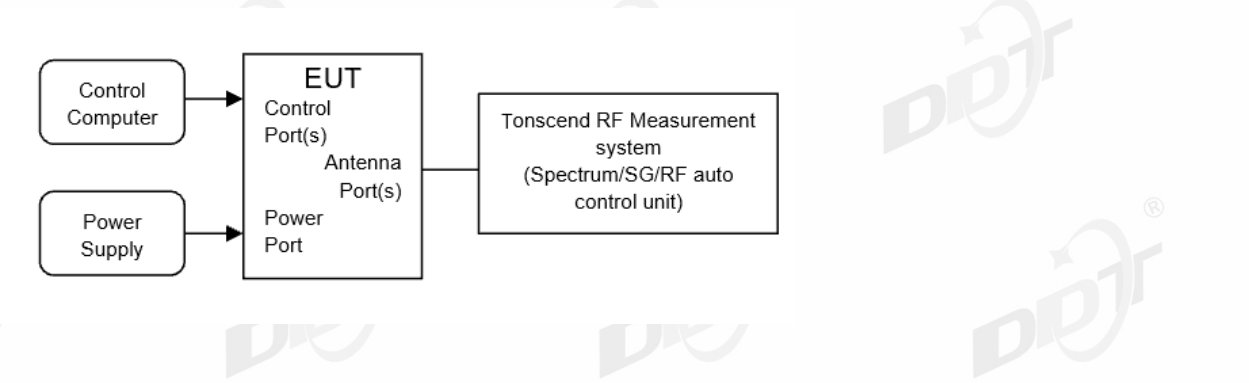
	Ant2	5795	87.50	0.58	11.36	≤30.00	≤30.00	16.33	---	PASS
	total	5795	---	---	16.20	≤30.00	≤30.00	21.17	---	PASS
11AC80MIMO	Ant1	5210	82.61	0.83	10.97	≤23.98	---	15.57	≤23.01	PASS
	Ant2	5210	82.61	0.83	8.40	≤23.98	---	13.37	≤23.01	PASS
	total	5210	---	---	12.88	≤23.98	---	17.85	≤23.01	PASS
	Ant1	5290	78.26	1.06	11.84	≤23.98	≤23.98	16.44	≤30.00	PASS
	Ant2	5290	78.26	1.06	8.75	≤23.98	≤23.98	13.72	≤30.00	PASS
	total	5290	---	---	13.57	≤23.98	≤23.98	18.54	≤30.00	PASS
	Ant1	5530	78.26	1.06	11.27	≤23.98	≤23.98	15.87	≤30.00	PASS
	Ant2	5530	78.26	1.06	9.91	≤23.98	≤23.98	14.88	≤30.00	PASS
	total	5530	---	---	13.65	≤23.98	≤23.98	18.62	≤30.00	PASS
	Ant1	5610	82.61	0.83	11.71	≤23.98	≤23.98	16.31	≤30.00	PASS
	Ant2	5610	82.61	0.83	8.74	≤23.98	≤23.98	13.71	≤30.00	PASS
	total	5610	---	---	13.48	≤23.98	≤23.98	18.45	≤30.00	PASS
	Ant1	5690	78.26	1.06	12.08	≤23.98	≤23.98	16.68	≤30.00	PASS
	Ant2	5690	78.26	1.06	8.07	≤23.98	≤23.98	13.04	≤30.00	PASS
	total	5690	---	---	13.53	≤23.98	≤23.98	18.5	≤30.00	PASS
	Ant1	5775	82.61	0.83	14.47	≤30.00	≤30.00	19.07	---	PASS
	Ant2	5775	82.61	0.83	10.99	≤30.00	≤30.00	15.96	---	PASS
	total	5775	---	---	16.08	≤30.00	≤30.00	21.05	---	PASS

Note:

1. Measurement is using a power meter, AV power= power meter conducted result+duty cycle factor
2. DC Factor is duct cycle factor, $= [10 \cdot \log(1/\text{duty cycle})]$
3. EIRP (dBm)=AV Power (dBm)+ Antenna Gain (dBi)

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	For RSS eirp: 10 dBm/MHz	
	11 dBm/MHz	5250-5350
	11 dBm/MHz	For FCC: 5470 - 5725 For ISDE: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850
Note: If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum Power Spectral Density.		

9.3. 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 analyser 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

9.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.4-26.5℃, 39.5-44.5%RH	Test Date:	2025.07.31-2025.09.18
Test Power Supply:	AC 120V	Sample Number:	S25070114-001

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz] Or [dBm/500kHz]	Limit [dBm/MHz] Or [dBm/500kHz]	EIRP [dBm/MHz] Or [dBm/500kHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.78	≤11.00	7.38	≤10.00	PASS
	Ant2	5180	0.66	≤11.00	5.63	≤10.00	PASS
	Ant1	5200	2.05	≤11.00	6.65	≤10.00	PASS
	Ant2	5200	0.01	≤11.00	4.98	≤10.00	PASS
	Ant1	5240	2.18	≤11.00	6.78	≤10.00	PASS
	Ant2	5240	-0.25	≤11.00	4.72	≤10.00	PASS
	Ant1	5260	3.09	≤11.00	7.69	---	PASS
	Ant2	5260	-0.72	≤11.00	4.25	---	PASS
	Ant1	5280	2.66	≤11.00	7.26	---	PASS
	Ant2	5280	-0.89	≤11.00	4.08	---	PASS
	Ant1	5320	3.48	≤11.00	8.08	---	PASS
	Ant2	5320	-0.58	≤11.00	4.39	---	PASS
	Ant1	5500	3.20	≤11.00	7.80	---	PASS
	Ant2	5500	1.52	≤11.00	6.49	---	PASS
	Ant1	5580	2.30	≤11.00	6.90	---	PASS
	Ant2	5580	-0.33	≤11.00	4.64	---	PASS
	Ant1	5700	3.39	≤11.00	7.99	---	PASS
	Ant2	5700	-1.17	≤11.00	3.80	---	PASS
	Ant1	5720_UNII-2C	2.39	≤11.00	6.99	---	PASS
	Ant2	5720_UNII-2C	-1.55	≤11.00	3.42	---	PASS
	Ant1	5720_UNII-3	-2.20	≤30.00	2.40	---	PASS
	Ant2	5720_UNII-3	-6.41	≤30.00	-1.44	---	PASS
	Ant1	5745	0.36	≤30.00	4.96	---	PASS
	Ant2	5745	-4.16	≤30.00	0.81	---	PASS
	Ant1	5785	0.00	≤30.00	4.60	---	PASS

	Ant2	5785	-3.51	≤30.00	1.46	---	PASS
	Ant1	5825	-0.50	≤30.00	4.10	---	PASS
	Ant2	5825	-3.39	≤30.00	1.58	---	PASS
11N20MIMO	Ant1	5180	2.22	≤11.00	6.82	≤10.00	PASS
	Ant2	5180	0.03	≤11.00	5.00	≤10.00	PASS
	total	5180	4.27	≤11.00	9.01	≤10.00	PASS
	Ant1	5200	1.65	≤11.00	6.25	≤10.00	PASS
	Ant2	5200	-0.33	≤11.00	4.64	≤10.00	PASS
	total	5200	3.78	≤11.00	8.53	≤10.00	PASS
	Ant1	5240	2.11	≤11.00	6.71	≤10.00	PASS
	Ant2	5240	-0.58	≤11.00	4.39	≤10.00	PASS
	total	5240	3.98	≤11.00	8.71	≤10.00	PASS
	Ant1	5260	2.05	≤11.00	6.65	---	PASS
	Ant2	5260	-0.77	≤11.00	4.20	---	PASS
	total	5260	3.88	≤11.00	8.61	---	PASS
	Ant1	5280	2.11	≤11.00	6.71	---	PASS
	Ant2	5280	-1.30	≤11.00	3.67	---	PASS
	total	5280	3.74	≤11.00	8.46	---	PASS
	Ant1	5320	2.62	≤11.00	7.22	---	PASS
	Ant2	5320	-0.43	≤11.00	4.54	---	PASS
	total	5320	4.37	≤11.00	9.09	---	PASS
	Ant1	5500	2.23	≤11.00	6.83	---	PASS
	Ant2	5500	1.46	≤11.00	6.43	---	PASS
	total	5500	4.87	≤11.00	9.64	---	PASS
	Ant1	5580	2.10	≤11.00	6.70	---	PASS
	Ant2	5580	0.32	≤11.00	5.29	---	PASS
	total	5580	4.31	≤11.00	9.06	---	PASS
	Ant1	5700	2.79	≤11.00	7.39	---	PASS
	Ant2	5700	-1.04	≤11.00	3.93	---	PASS
	total	5700	4.29	≤11.00	9.01	---	PASS
	Ant1	5720_UNII-2C	2.41	≤11.00	7.01	---	PASS
	Ant2	5720_UNII-2C	-1.16	≤11.00	3.81	---	PASS

	total	5720_UNII-2C	3.99	≤11.00	8.71	---	PASS
	Ant1	5720_UNII-3	-2.02	≤30.00	2.58	---	PASS
	Ant2	5720_UNII-3	-5.95	≤30.00	-0.98	---	PASS
	total	5720_UNII-3	-0.54	≤30.00	4.17	---	PASS
	Ant1	5745	-0.59	≤30.00	4.01	---	PASS
	Ant2	5745	-3.59	≤30.00	1.38	---	PASS
	total	5745	1.17	≤30.00	5.90	---	PASS
	Ant1	5785	-0.98	≤30.00	3.62	---	PASS
	Ant2	5785	-3.19	≤30.00	1.78	---	PASS
	total	5785	1.06	≤30.00	5.81	---	PASS
	Ant1	5825	-1.01	≤30.00	3.59	---	PASS
	Ant2	5825	-3.11	≤30.00	1.86	---	PASS
	total	5825	1.08	≤30.00	5.82	---	PASS
	Ant1	5190	-2.08	≤11.00	2.52	≤10.00	PASS
	Ant2	5190	-3.22	≤11.00	1.75	≤10.00	PASS
	total	5190	0.40	≤11.00	5.16	≤10.00	PASS
	Ant1	5230	-1.83	≤11.00	2.77	≤10.00	PASS
	Ant2	5230	-4.59	≤11.00	0.38	≤10.00	PASS
	total	5230	0.02	≤11.00	4.75	≤10.00	PASS
	Ant1	5270	-1.73	≤11.00	2.87	---	PASS
	Ant2	5270	-5.19	≤11.00	-0.22	---	PASS
11N40MIMO	total	5270	-0.11	≤11.00	4.60	---	PASS
	Ant1	5310	-1.58	≤11.00	3.02	---	PASS
	Ant2	5310	-4.61	≤11.00	0.36	---	PASS
	total	5310	0.17	≤11.00	4.90	---	PASS
	Ant1	5510	-1.70	≤11.00	2.90	---	PASS
	Ant2	5510	-2.80	≤11.00	2.17	---	PASS
	total	5510	0.80	≤11.00	5.56	---	PASS
	Ant1	5550	-1.71	≤11.00	2.89	---	PASS
	Ant2	5550	-3.34	≤11.00	1.63	---	PASS
	total	5550	0.56	≤11.00	5.32	---	PASS
	Ant1	5670	-1.27	≤11.00	3.33	---	PASS

	Ant2	5670	-5.41	≤11.00	-0.44	---	PASS
	total	5670	0.15	≤11.00	4.85	---	PASS
	Ant1	5710_UNII-2C	-1.19	≤11.00	3.41	---	PASS
	Ant2	5710_UNII-2C	-5.38	≤11.00	-0.41	---	PASS
	total	5710_UNII-2C	0.21	≤11.00	4.92	---	PASS
	Ant1	5710_UNII-3	-7.51	≤30.00	-2.91	---	PASS
	Ant2	5710_UNII-3	-11.78	≤30.00	-6.81	---	PASS
	total	5710_UNII-3	-6.13	≤30.00	-1.43	---	PASS
	Ant1	5755	-4.38	≤30.00	0.22	---	PASS
	Ant2	5755	-7.91	≤30.00	-2.94	---	PASS
	total	5755	-2.79	≤30.00	1.93	---	PASS
	Ant1	5795	-5.00	≤30.00	-0.40	---	PASS
	Ant2	5795	-7.33	≤30.00	-2.36	---	PASS
	total	5795	-3.00	≤30.00	1.74	---	PASS
11AC20MIMO	Ant1	5180	2.30	≤11.00	6.90	≤10.00	PASS
	Ant2	5180	0.10	≤11.00	5.07	≤10.00	PASS
	total	5180	4.35	≤11.00	9.09	≤10.00	PASS
	Ant1	5200	2.18	≤11.00	6.78	≤10.00	PASS
	Ant2	5200	0.67	≤11.00	5.64	≤10.00	PASS
	total	5200	4.50	≤11.00	9.26	≤10.00	PASS
	Ant1	5240	2.32	≤11.00	6.92	≤10.00	PASS
	Ant2	5240	0.32	≤11.00	5.29	≤10.00	PASS
	total	5240	4.44	≤11.00	9.19	≤10.00	PASS
	Ant1	5260	0.80	≤11.00	5.40	---	PASS
	Ant2	5260	-1.80	≤11.00	3.17	---	PASS
	total	5260	2.70	≤11.00	7.44	---	PASS
	Ant1	5280	0.85	≤11.00	5.45	---	PASS
	Ant2	5280	-2.70	≤11.00	2.27	---	PASS
	total	5280	2.44	≤11.00	7.16	---	PASS
	Ant1	5320	1.20	≤11.00	5.80	---	PASS
	Ant2	5320	-2.16	≤11.00	2.81	---	PASS
	total	5320	2.85	≤11.00	7.57	---	PASS

	Ant1	5500	0.80	≤11.00	5.40	---	PASS
	Ant2	5500	0.41	≤11.00	5.38	---	PASS
	total	5500	3.62	≤11.00	8.40	---	PASS
	Ant1	5580	0.70	≤11.00	5.30	---	PASS
	Ant2	5580	-0.93	≤11.00	4.04	---	PASS
	total	5580	2.97	≤11.00	7.73	---	PASS
	Ant1	5700	1.54	≤11.00	6.14	---	PASS
	Ant2	5700	-2.21	≤11.00	2.76	---	PASS
	total	5700	3.07	≤11.00	7.78	---	PASS
	Ant1	5720_UNII-2C	1.03	≤11.00	5.63	---	PASS
	Ant2	5720_UNII-2C	-2.65	≤11.00	2.32	---	PASS
	total	5720_UNII-2C	2.58	≤11.00	7.29	---	PASS
	Ant1	5720_UNII-3	-3.80	≤30.00	0.80	---	PASS
	Ant2	5720_UNII-3	-7.34	≤30.00	-2.37	---	PASS
	total	5720_UNII-3	-2.21	≤30.00	2.51	---	PASS
	Ant1	5745	-1.97	≤30.00	2.63	---	PASS
	Ant2	5745	-5.04	≤30.00	-0.07	---	PASS
	total	5745	-0.23	≤30.00	4.50	---	PASS
	Ant1	5785	-2.34	≤30.00	2.26	---	PASS
	Ant2	5785	-4.40	≤30.00	0.57	---	PASS
	total	5785	-0.24	≤30.00	4.51	---	PASS
	Ant1	5825	-2.51	≤30.00	2.09	---	PASS
	Ant2	5825	-4.57	≤30.00	0.40	---	PASS
	total	5825	-0.41	≤30.00	4.34	---	PASS
11AC40MIMO	Ant1	5190	-1.75	≤11.00	2.85	≤10.00	PASS
	Ant2	5190	-3.32	≤11.00	1.65	≤10.00	PASS
	total	5190	0.55	≤11.00	5.30	≤10.00	PASS
	Ant1	5230	-1.87	≤11.00	2.73	≤10.00	PASS
	Ant2	5230	-4.22	≤11.00	0.75	≤10.00	PASS
	total	5230	0.12	≤11.00	4.86	≤10.00	PASS
	Ant1	5270	-1.87	≤11.00	2.73	---	PASS
	Ant2	5270	-4.96	≤11.00	0.01	---	PASS

	total	5270	-0.14	≤11.00	4.59	---	PASS
	Ant1	5310	-1.73	≤11.00	2.87	---	PASS
	Ant2	5310	-4.65	≤11.00	0.32	---	PASS
	total	5310	0.06	≤11.00	4.79	---	PASS
	Ant1	5510	-1.76	≤11.00	2.84	---	PASS
	Ant2	5510	-2.62	≤11.00	2.35	---	PASS
	total	5510	0.84	≤11.00	5.61	---	PASS
	Ant1	5550	-1.79	≤11.00	2.81	---	PASS
	Ant2	5550	-3.16	≤11.00	1.81	---	PASS
	total	5550	0.59	≤11.00	5.35	---	PASS
	Ant1	5670	-1.18	≤11.00	3.42	---	PASS
	Ant2	5670	-5.31	≤11.00	-0.34	---	PASS
	total	5670	0.24	≤11.00	4.95	---	PASS
	Ant1	5710_UNII-2C	-1.12	≤11.00	3.48	---	PASS
	Ant2	5710_UNII-2C	-5.40	≤11.00	-0.43	---	PASS
	total	5710_UNII-2C	0.26	≤11.00	4.96	---	PASS
	Ant1	5710_UNII-3	-7.80	≤30.00	-3.20	---	PASS
	Ant2	5710_UNII-3	-11.50	≤30.00	-6.53	---	PASS
	total	5710_UNII-3	-6.26	≤30.00	-1.54	---	PASS
	Ant1	5755	-2.92	≤30.00	1.68	---	PASS
	Ant2	5755	-6.48	≤30.00	-1.51	---	PASS
	total	5755	-1.33	≤30.00	3.38	---	PASS
	Ant1	5795	-3.22	≤30.00	1.38	---	PASS
	Ant2	5795	-5.70	≤30.00	-0.73	---	PASS
	total	5795	-1.28	≤30.00	3.46	---	PASS
11AC80MIMO	Ant1	5210	-6.63	≤11.00	-2.03	≤10.00	PASS
	Ant2	5210	-9.37	≤11.00	-4.40	≤10.00	PASS
	total	5210	-4.78	≤11.00	-0.04	≤10.00	PASS
	Ant1	5290	-6.24	≤11.00	-1.64	---	PASS
	Ant2	5290	-8.96	≤11.00	-3.99	---	PASS
	total	5290	-4.38	≤11.00	0.35	---	PASS
	Ant1	5530	-5.95	≤11.00	-1.35	---	PASS

Ant2	5530	-7.14	≤11.00	-2.17	---	PASS
total	5530	-3.49	≤11.00	1.27	---	PASS
Ant1	5610	-5.84	≤11.00	-1.24	---	PASS
Ant2	5610	-8.54	≤11.00	-3.57	---	PASS
total	5610	-3.97	≤11.00	0.76	---	PASS
Ant1	5690_UNII-2C	-5.41	≤11.00	-0.81	---	PASS
Ant2	5690_UNII-2C	-9.48	≤11.00	-4.51	---	PASS
total	5690_UNII-2C	-3.97	≤11.00	0.73	---	PASS
Ant1	5690_UNII-3	-11.95	≤30.00	-7.35	---	PASS
Ant2	5690_UNII-3	-15.37	≤30.00	-10.40	---	PASS
total	5690_UNII-3	-10.32	≤30.00	-5.60	---	PASS
Ant1	5775	-6.56	≤30.00	-1.96	---	PASS
Ant2	5775	-8.96	≤30.00	-3.99	---	PASS
total	5775	-4.59	≤30.00	0.15	---	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 is compensated in the graph.

9.5. Test graphs

