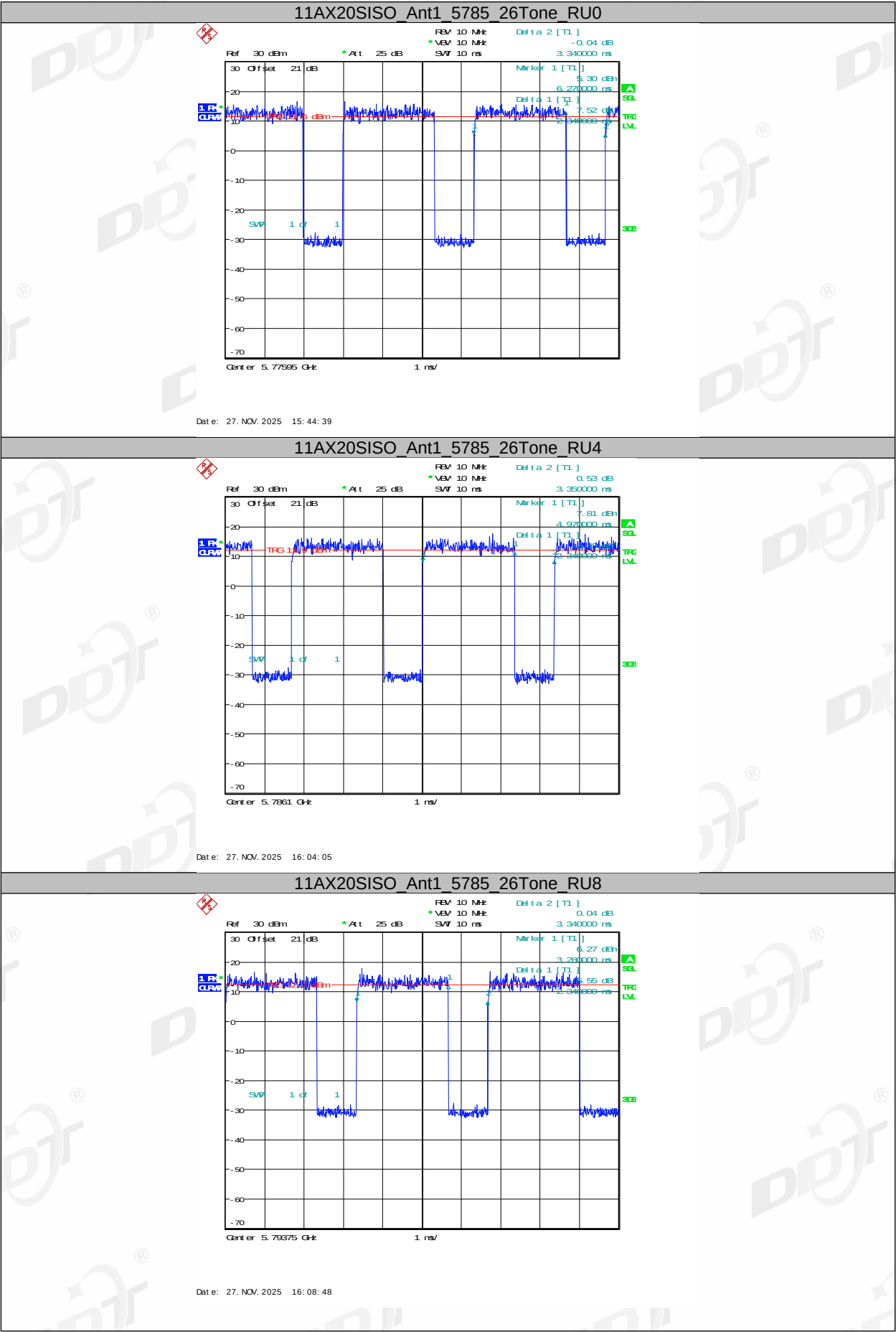
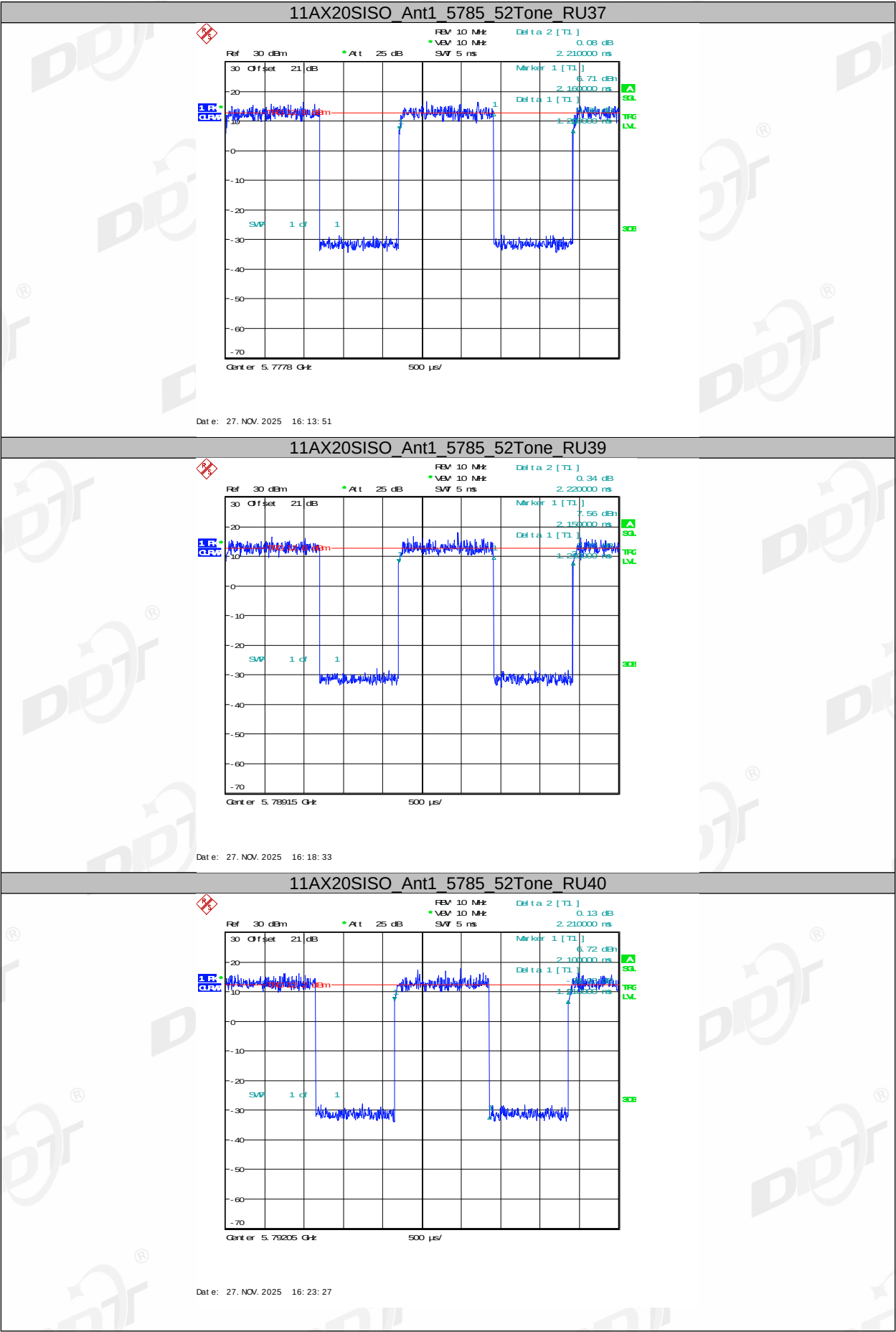
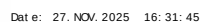
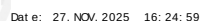
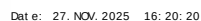




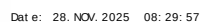
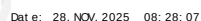
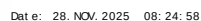












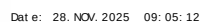
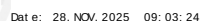
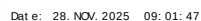


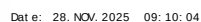
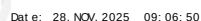
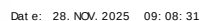










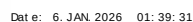
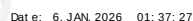
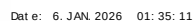


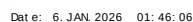
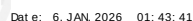
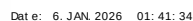


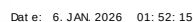
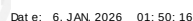
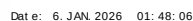








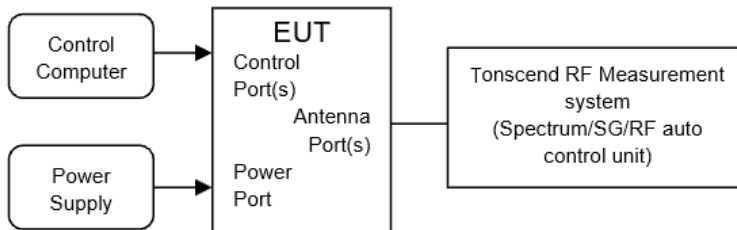






8. Maximum Output Power

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 $11 + 10 \log_{10} B$	
	For RSS: For conducted output power: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	5250-5350
	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 RSS: For conducted output power: 250 mW (23.98 dBm) or $11 + 10 \log_{10} B$	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	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 ISDE: 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:	Wayne Huang	Test Site:	RF Measurement System 1# RF Measurement System 4#
Ambient Condition:	24.4℃,47.3%RH-23.6℃,43.8%RH	Test Date:	2025.10.25-2026.01.07
Test Power Supply:	DC 12V	Sample Number:	S25060926-001

PCB B:

Test Mode	Ant.	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	5180	93.38	0.30	15.39	≤23.98	18.95	PASS
		5200	93.38	0.30	15.79	≤23.98	19.35	PASS
		5240	93.38	0.30	16.21	≤23.98	19.77	PASS
		5260	93.33	0.30	16.27	≤23.98	19.83	PASS
		5280	93.33	0.30	16.26	≤23.98	19.82	PASS
		5320	93.33	0.30	16.94	≤23.98	20.50	PASS
		5500	93.38	0.30	18.38	≤23.98	21.94	PASS
		5580	93.33	0.30	19.22	≤23.98	22.78	PASS
		5700	93.33	0.30	19.84	≤23.98	23.40	PASS
		5720	93.29	0.30	18.44	≤23.98	22.00	PASS
		5745	93.33	0.30	17.36	≤30.00	20.92	PASS
		5785	93.33	0.30	17.38	≤30.00	20.94	PASS
		5825	93.33	0.30	17.27	≤30.00	20.83	PASS
11N20SISO	Ant1	5180	92.91	0.32	15.69	≤23.98	19.25	PASS
		5200	92.96	0.32	16.10	≤23.98	19.66	PASS
		5240	92.91	0.32	16.27	≤23.98	19.83	PASS
		5260	92.96	0.32	14.84	≤23.98	18.40	PASS
		5280	92.91	0.32	14.81	≤23.98	18.37	PASS
		5320	92.96	0.32	15.50	≤23.98	19.06	PASS
		5500	92.91	0.32	16.67	≤23.98	20.23	PASS
		5580	92.96	0.32	17.55	≤23.98	21.11	PASS
		5700	92.96	0.32	17.77	≤23.98	21.33	PASS
		5720	92.91	0.32	15.24	≤23.98	18.80	PASS
		5745	92.91	0.32	17.63	≤30.00	21.19	PASS
		5785	93.62	0.29	17.29	≤30.00	20.85	PASS
		5825	92.96	0.32	17.39	≤30.00	20.95	PASS

11N40SISO	Ant1	5190	86.67	0.62	15.02	≤23.98	18.58	PASS
		5230	86.67	0.62	15.41	≤23.98	18.97	PASS
		5270	86.67	0.62	15.44	≤23.98	19.00	PASS
		5310	86.67	0.62	15.98	≤23.98	19.54	PASS
		5510	86.67	0.62	17.45	≤23.98	21.01	PASS
		5550	86.67	0.62	18.04	≤23.98	21.60	PASS
		5670	86.67	0.62	18.91	≤23.98	22.47	PASS
		5710	86.67	0.62	17.82	≤23.98	21.38	PASS
		5755	86.67	0.62	16.71	≤30.00	20.27	PASS
		5795	86.67	0.62	16.53	≤30.00	20.09	PASS
11AC20SISO	Ant1	5180	92.96	0.32	15.71	≤23.98	19.27	PASS
		5200	92.96	0.32	15.94	≤23.98	19.50	PASS
		5240	93.01	0.31	16.22	≤23.98	19.78	PASS
		5260	92.96	0.32	16.47	≤23.98	20.03	PASS
		5280	92.96	0.32	16.54	≤23.98	20.10	PASS
		5320	92.96	0.32	17.12	≤23.98	20.68	PASS
		5500	92.96	0.32	18.47	≤23.98	22.03	PASS
		5580	93.01	0.31	19.59	≤23.98	23.15	PASS
		5700	93.01	0.31	19.99	≤23.98	23.55	PASS
		5720	92.96	0.32	17.56	≤23.98	21.12	PASS
		5745	92.96	0.32	17.60	≤30.00	21.16	PASS
		5785	92.96	0.32	17.46	≤30.00	21.02	PASS
		5825	93.01	0.31	17.33	≤30.00	20.89	PASS
11AC40SISO	Ant1	5190	86.84	0.61	12.70	≤23.98	16.26	PASS
		5230	86.84	0.61	13.10	≤23.98	16.66	PASS
		5270	86.84	0.61	13.38	≤23.98	16.94	PASS
		5310	86.84	0.61	13.97	≤23.98	17.53	PASS
		5510	86.84	0.61	15.37	≤23.98	18.93	PASS
		5550	86.84	0.61	15.89	≤23.98	19.45	PASS
		5670	86.84	0.61	16.60	≤23.98	20.16	PASS
		5710	86.67	0.62	15.45	≤23.98	19.01	PASS
		5755	86.84	0.61	14.35	≤30.00	17.91	PASS
		5795	86.84	0.61	14.15	≤30.00	17.71	PASS
11AC80SISO	Ant1	5210	76.19	1.18	12.34	≤23.98	15.90	PASS

		5290	76.19	1.18	13.22	≤23.98	16.78	PASS
		5530	76.74	1.15	15.49	≤23.98	19.05	PASS
		5610	76.19	1.18	16.07	≤23.98	19.63	PASS
		5690	76.19	1.18	14.40	≤23.98	17.96	PASS
		5775	76.74	1.15	13.89	≤30.00	17.45	PASS
11AX20SISO	Ant1	5180	91.07	0.41	14.71	≤23.98	18.27	PASS
		5200	91.07	0.41	14.85	≤23.98	18.41	PASS
		5240	91.07	0.41	15.12	≤23.98	18.68	PASS
		5260	91.15	0.40	15.33	≤23.98	18.89	PASS
		5280	91.07	0.41	15.47	≤23.98	19.03	PASS
		5320	91.07	0.41	16.09	≤23.98	19.65	PASS
		5500	91.15	0.40	17.55	≤23.98	21.11	PASS
		5580	91.15	0.40	18.48	≤23.98	22.04	PASS
		5700	91.15	0.40	18.52	≤23.98	22.08	PASS
		5720	91.07	0.41	16.09	≤23.98	19.65	PASS
		5745	91.15	0.40	16.20	≤30.00	19.76	PASS
		5785	91.15	0.40	16.22	≤30.00	19.78	PASS
		5825	91.07	0.41	16.15	≤30.00	19.71	PASS
11AX40SISO	Ant1	5190	84.38	0.74	12.60	≤23.98	16.16	PASS
		5230	84.38	0.74	12.89	≤23.98	16.45	PASS
		5270	84.38	0.74	13.13	≤23.98	16.69	PASS
		5310	84.38	0.74	13.43	≤23.98	16.99	PASS
		5510	84.62	0.73	15.32	≤23.98	18.88	PASS
		5550	84.38	0.74	15.90	≤23.98	19.46	PASS
		5670	84.38	0.74	16.10	≤23.98	19.66	PASS
		5710	84.38	0.74	14.36	≤23.98	17.92	PASS
		5755	84.38	0.74	13.89	≤30.00	17.45	PASS
		5795	84.38	0.74	13.58	≤30.00	17.14	PASS
11AX80SISO	Ant1	5210	74.36	1.29	12.50	≤23.98	16.06	PASS
		5290	74.36	1.29	11.75	≤23.98	15.31	PASS
		5530	74.36	1.29	14.86	≤23.98	18.42	PASS
		5610	74.36	1.29	15.39	≤23.98	18.95	PASS
		5690	74.36	1.29	14.77	≤23.98	18.33	PASS
		5775	74.36	1.29	13.55	≤30.00	17.11	PASS

Test Mode	Ant.	Freq. [MHz]	Ru Size	Ru Index	Duty Cycle [%]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11AX20SISO	Ant1	5180	26Tone	RU0	70.06	5.52	≤23.98	9.08	PASS
				RU4	69.85	6.25	≤23.98	9.81	PASS
				RU8	70.06	5.93	≤23.98	9.49	PASS
			52Tone	RU37	54.75	5.83	≤23.98	9.39	PASS
				RU39	54.75	6.35	≤23.98	9.91	PASS
				RU40	54.50	6.52	≤23.98	10.08	PASS
			106Tone	RU53	65.91	6.26	≤23.98	9.82	PASS
				RU54	65.91	6.26	≤23.98	9.82	PASS
		5200	26Tone	RU0	70.06	6.04	≤23.98	9.60	PASS
				RU4	70.06	6.48	≤23.98	10.04	PASS
				RU8	70.06	6.36	≤23.98	9.92	PASS
			52Tone	RU37	54.75	6.21	≤23.98	9.77	PASS
				RU39	54.50	6.80	≤23.98	10.36	PASS
				RU40	54.50	6.50	≤23.98	10.06	PASS
			106Tone	RU53	65.91	6.12	≤23.98	9.68	PASS
				RU54	64.44	6.39	≤23.98	9.95	PASS
		5240	26Tone	RU0	70.06	6.25	≤23.98	9.81	PASS
				RU4	69.76	7.00	≤23.98	10.56	PASS
				RU8	70.06	6.78	≤23.98	10.34	PASS
			52Tone	RU37	54.75	6.57	≤23.98	10.13	PASS
				RU39	54.30	6.74	≤23.98	10.30	PASS
				RU40	54.75	6.72	≤23.98	10.28	PASS
			106Tone	RU53	65.91	6.73	≤23.98	10.29	PASS
				RU54	65.91	6.81	≤23.98	10.37	PASS
		5260	26Tone	RU0	70.06	5.55	≤23.98	9.11	PASS
				RU4	70.06	6.26	≤23.98	9.82	PASS
				RU8	70.06	6.12	≤23.98	9.68	PASS
			52Tone	RU37	54.50	5.75	≤23.98	9.31	PASS
				RU39	54.30	6.09	≤23.98	9.65	PASS
				RU40	54.75	6.34	≤23.98	9.90	PASS
			106Tone	RU53	65.91	6.04	≤23.98	9.60	PASS
				RU54	65.91	5.85	≤23.98	9.41	PASS

		5280	26Tone	RU0	69.94	5.60	≤ 23.98	9.16	PASS
				RU4	69.76	6.18	≤ 23.98	9.74	PASS
				RU8	70.06	6.00	≤ 23.98	9.56	PASS
			52Tone	RU37	54.75	5.90	≤ 23.98	9.46	PASS
				RU39	54.50	6.18	≤ 23.98	9.74	PASS
				RU40	54.50	6.16	≤ 23.98	9.72	PASS
			106Tone	RU53	65.91	5.76	≤ 23.98	9.32	PASS
				RU54	65.91	5.96	≤ 23.98	9.52	PASS
		5320	26Tone	RU0	70.06	6.42	≤ 23.98	9.98	PASS
				RU4	69.85	6.86	≤ 23.98	10.42	PASS
				RU8	69.94	6.75	≤ 23.98	10.31	PASS
			52Tone	RU37	54.75	6.56	≤ 23.98	10.12	PASS
				RU39	54.75	7.00	≤ 23.98	10.56	PASS
				RU40	54.50	6.88	≤ 23.98	10.44	PASS
			106Tone	RU53	65.91	6.64	≤ 23.98	10.20	PASS
				RU54	65.91	6.73	≤ 23.98	10.29	PASS
		5500	26Tone	RU0	69.85	7.94	≤ 23.98	11.50	PASS
				RU4	69.85	8.59	≤ 23.98	12.15	PASS
				RU8	69.76	8.15	≤ 23.98	11.71	PASS
			52Tone	RU37	54.75	8.13	≤ 23.98	11.69	PASS
				RU39	54.50	8.44	≤ 23.98	12.00	PASS
				RU40	54.50	8.32	≤ 23.98	11.88	PASS
			106Tone	RU53	65.91	8.09	≤ 23.98	11.65	PASS
				RU54	65.91	8.50	≤ 23.98	12.06	PASS
		5580	26Tone	RU0	70.15	9.00	≤ 23.98	12.56	PASS
				RU4	69.76	9.51	≤ 23.98	13.07	PASS
				RU8	70.06	9.07	≤ 23.98	12.63	PASS
			52Tone	RU37	54.50	9.16	≤ 23.98	12.72	PASS
				RU39	54.30	9.41	≤ 23.98	12.97	PASS
				RU40	54.50	9.23	≤ 23.98	12.79	PASS
			106Tone	RU53	64.44	9.36	≤ 23.98	12.92	PASS
				RU54	65.91	9.13	≤ 23.98	12.69	PASS
		5700	26Tone	RU0	70.06	9.28	≤ 23.98	12.84	PASS
				RU4	70.06	9.46	≤ 23.98	13.02	PASS

				RU8	70.06	9.16	≤23.98	12.72	PASS
				RU37	54.50	9.42	≤23.98	12.98	PASS
			52Tone	RU39	54.75	9.58	≤23.98	13.14	PASS
				RU40	54.75	9.54	≤23.98	13.10	PASS
			106Tone	RU53	65.91	9.57	≤23.98	13.13	PASS
				RU54	65.91	9.50	≤23.98	13.06	PASS
		5745	26Tone	RU0	70.06	7.57	≤30.00	11.13	PASS
				RU4	69.76	7.77	≤30.00	11.33	PASS
				RU8	69.76	7.55	≤30.00	11.11	PASS
			52Tone	RU37	54.30	7.76	≤30.00	11.32	PASS
				RU39	54.30	7.88	≤30.00	11.44	PASS
				RU40	54.75	7.65	≤30.00	11.21	PASS
			106Tone	RU53	65.91	7.64	≤30.00	11.20	PASS
				RU54	65.91	7.59	≤30.00	11.15	PASS
		5785	26Tone	RU0	70.06	7.70	≤30.00	11.26	PASS
				RU4	70.06	7.90	≤30.00	11.46	PASS
				RU8	70.06	7.67	≤30.00	11.23	PASS
			52Tone	RU37	54.50	7.61	≤30.00	11.17	PASS
				RU39	54.50	7.82	≤30.00	11.38	PASS
				RU40	54.50	7.59	≤30.00	11.15	PASS
			106Tone	RU53	65.91	7.55	≤30.00	11.11	PASS
				RU54	65.91	7.54	≤30.00	11.10	PASS
		5825	26Tone	RU0	70.15	7.53	≤30.00	11.09	PASS
				RU4	70.06	8.00	≤30.00	11.56	PASS
				RU8	70.06	7.69	≤30.00	11.25	PASS
			52Tone	RU37	54.50	7.63	≤30.00	11.19	PASS
				RU39	54.30	7.80	≤30.00	11.36	PASS
				RU40	54.30	7.65	≤30.00	11.21	PASS
			106Tone	RU53	64.44	7.63	≤30.00	11.19	PASS
				RU54	65.91	7.55	≤30.00	11.11	PASS
11AX40SISO	Ant1	5190	242Tone	RU61	25.74	9.71	≤23.98	13.27	PASS
				RU62	26.47	9.40	≤23.98	12.96	PASS
		5230	242Tone	RU61	25.74	9.62	≤23.98	13.18	PASS
				RU62	25.74	9.88	≤23.98	13.44	PASS

		5270	242Tone	RU61	26.47	9.91	≤ 23.98	13.47	PASS
				RU62	26.47	10.10	≤ 23.98	13.66	PASS
		5310	242Tone	RU61	25.74	10.57	≤ 23.98	14.13	PASS
				RU62	26.47	10.27	≤ 23.98	13.83	PASS
		5510	242Tone	RU61	25.74	12.35	≤ 23.98	15.91	PASS
				RU62	25.74	12.35	≤ 23.98	15.91	PASS
		5550	242Tone	RU61	25.74	12.76	≤ 23.98	16.32	PASS
				RU62	25.74	12.95	≤ 23.98	16.51	PASS
		5670	242Tone	RU61	26.47	13.34	≤ 23.98	16.90	PASS
				RU62	25.74	13.53	≤ 23.98	17.09	PASS
		5755	242Tone	RU61	26.28	7.02	≤ 30.00	10.58	PASS
				RU62	26.47	7.17	≤ 30.00	10.73	PASS
11AX80SISO	Ant1	5210	484Tone	RU65	20.63	8.34	≤ 23.98	11.90	PASS
				RU66	20.47	8.62	≤ 23.98	12.18	PASS
		5290	484Tone	RU65	20.47	9.63	≤ 23.98	13.19	PASS
				RU66	20.47	10.28	≤ 23.98	13.84	PASS
		5530	484Tone	RU65	20.63	12.17	≤ 23.98	15.73	PASS
				RU66	20.47	12.67	≤ 23.98	16.23	PASS
		5610	484Tone	RU65	20.47	13.04	≤ 23.98	16.60	PASS
				RU66	20.47	13.20	≤ 23.98	16.76	PASS
		5775	484Tone	RU65	20.63	6.98	≤ 30.00	10.54	PASS
				RU66	20.63	6.91	≤ 30.00	10.47	PASS

Test Mode	Ant.	Freq. [MHz]	Ru Size	Ru Index	Duty Cycle [%]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11AX20SISO	Ant1	5720	26Tone	RU0	69.97	6.80	≤ 23.98	10.36	PASS
				RU4	69.97	7.65	≤ 23.98	11.21	PASS
				RU8	69.97	7.35	≤ 23.98	10.91	PASS
			52Tone	RU37	54.55	8.10	≤ 23.98	11.66	PASS
				RU39	54.75	7.86	≤ 23.98	11.42	PASS
				RU40	54.55	7.88	≤ 23.98	11.44	PASS

			106Tone	RU53	65.91	8.24	≤23.98	11.80	PASS
				RU54	65.91	8.47	≤23.98	12.03	PASS
11AX40SISO	Ant1	5710	242Tone	RU61	26.47	12.42	≤23.98	15.98	PASS
				RU62	25.74	12.92	≤23.98	16.48	PASS
11AX80SISO	Ant1	5690	484Tone	RU65	20.00	13.06	≤23.98	16.62	PASS
				RU66	20.00	13.07	≤23.98	16.63	PASS

PCB A

Test Mode	Ant.	Freq [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	5180	92.99	0.32	16.01	≤23.98	19.57	PASS
		5200	92.80	0.32	16.51	≤23.98	20.07	PASS
		5240	92.80	0.32	16.81	≤23.98	20.37	PASS
		5260	92.99	0.32	17.08	≤23.98	20.64	PASS
		5280	93.33	0.30	17.18	≤23.98	20.74	PASS
		5320	93.33	0.30	18.18	≤23.98	21.74	PASS
		5500	93.38	0.30	18.96	≤23.98	22.52	PASS
		5580	93.33	0.30	19.24	≤23.98	22.80	PASS
		5700	93.33	0.30	18.79	≤23.98	22.35	PASS
		5745	93.33	0.30	16.57	≤30.00	20.13	PASS
		5785	93.38	0.30	16.27	≤30.00	19.83	PASS
		5825	93.33	0.30	16.17	≤30.00	19.73	PASS
11N20SISO	Ant1	5180	92.96	0.32	16.01	≤23.98	19.57	PASS
		5200	92.96	0.32	16.42	≤23.98	19.98	PASS
		5240	92.91	0.32	16.71	≤23.98	20.27	PASS
		5260	92.91	0.32	14.05	≤23.98	17.61	PASS
		5280	92.91	0.32	15.66	≤23.98	19.22	PASS
		5320	92.96	0.32	16.40	≤23.98	19.96	PASS
		5500	92.96	0.32	17.51	≤23.98	21.07	PASS
		5580	92.96	0.32	17.04	≤23.98	20.60	PASS
		5700	92.96	0.32	16.62	≤23.98	20.18	PASS
		5745	92.91	0.32	16.54	≤30.00	20.10	PASS

		5785	92.96	0.32	16.20	≤30.00	19.76	PASS
		5825	92.91	0.32	16.08	≤30.00	19.64	PASS
11N40SISO	Ant1	5190	86.67	0.62	15.23	≤23.98	18.79	PASS
		5230	86.67	0.62	15.70	≤23.98	19.26	PASS
		5270	86.67	0.62	16.08	≤23.98	19.64	PASS
		5310	86.67	0.62	16.87	≤23.98	20.43	PASS
		5510	86.67	0.62	17.84	≤23.98	21.40	PASS
		5550	86.67	0.62	18.17	≤23.98	21.73	PASS
		5670	86.67	0.62	18.30	≤23.98	21.86	PASS
		5755	86.67	0.62	15.65	≤30.00	19.21	PASS
		5795	86.67	0.62	15.42	≤30.00	18.98	PASS
11AC20SISO	Ant1	5180	92.96	0.32	16.09	≤23.98	19.65	PASS
		5200	93.01	0.31	16.32	≤23.98	19.88	PASS
		5240	93.01	0.31	16.85	≤23.98	20.41	PASS
		5260	93.01	0.31	16.17	≤23.98	19.73	PASS
		5280	93.01	0.31	17.07	≤23.98	20.63	PASS
		5320	92.96	0.32	17.93	≤23.98	21.49	PASS
		5500	92.96	0.32	19.41	≤23.98	22.97	PASS
		5580	92.96	0.32	19.33	≤23.98	22.89	PASS
		5700	92.96	0.32	18.74	≤23.98	22.30	PASS
		5745	93.01	0.31	16.57	≤30.00	20.13	PASS
		5785	93.01	0.31	16.48	≤30.00	20.04	PASS
		5825	92.96	0.32	16.14	≤30.00	19.70	PASS
11AC40SISO	Ant1	5190	86.84	0.61	13.02	≤23.98	16.58	PASS
		5230	86.84	0.61	13.45	≤23.98	17.01	PASS
		5270	86.84	0.61	12.26	≤23.98	15.82	PASS
		5310	86.84	0.61	14.80	≤23.98	18.36	PASS
		5510	86.84	0.61	16.60	≤23.98	20.16	PASS
		5550	86.84	0.61	15.81	≤23.98	19.37	PASS
		5670	86.84	0.61	15.88	≤23.98	19.44	PASS
		5755	86.84	0.61	13.74	≤30.00	17.30	PASS
		5795	86.84	0.61	13.56	≤30.00	17.12	PASS

11AC80SISO	Ant1	5210	76.74	1.15	12.92	≤23.98	16.48	PASS
		5290	76.74	1.15	12.40	≤23.98	15.96	PASS
		5530	76.74	1.15	16.50	≤23.98	20.06	PASS
		5610	76.19	1.18	15.81	≤23.98	19.37	PASS
		5775	76.74	1.15	13.35	≤30.00	16.91	PASS
11AX20SISO	Ant1	5180	91.07	0.41	15.00	≤23.98	18.56	PASS
		5200	91.15	0.40	15.34	≤23.98	18.90	PASS
		5240	91.07	0.41	15.71	≤23.98	19.27	PASS
		5260	91.15	0.40	14.99	≤23.98	18.55	PASS
		5280	91.07	0.41	16.28	≤23.98	19.84	PASS
		5320	91.07	0.41	17.12	≤23.98	20.68	PASS
		5500	91.15	0.40	18.36	≤23.98	21.92	PASS
		5580	91.07	0.41	17.86	≤23.98	21.42	PASS
		5700	91.07	0.41	17.48	≤23.98	21.04	PASS
		5745	91.15	0.40	15.54	≤30.00	19.10	PASS
		5785	91.07	0.41	15.30	≤30.00	18.86	PASS
		5825	91.07	0.41	15.18	≤30.00	18.74	PASS
11AX40SISO	Ant1	5190	84.38	0.74	13.01	≤23.98	16.57	PASS
		5230	84.38	0.74	13.49	≤23.98	17.05	PASS
		5270	84.62	0.73	12.19	≤23.98	15.75	PASS
		5310	84.38	0.74	14.73	≤23.98	18.29	PASS
		5510	84.38	0.74	16.54	≤23.98	20.10	PASS
		5550	84.38	0.74	15.79	≤23.98	19.35	PASS
		5670	84.62	0.73	15.82	≤23.98	19.38	PASS
		5755	84.38	0.74	13.76	≤30.00	17.32	PASS
		5795	84.38	0.74	13.51	≤30.00	17.07	PASS
11AX80SISO	Ant1	5210	74.36	1.29	12.87	≤23.98	16.43	PASS
		5290	74.36	1.29	12.37	≤23.98	15.93	PASS
		5530	74.36	1.29	14.37	≤23.98	17.93	PASS
		5610	74.36	1.29	14.73	≤23.98	18.29	PASS
		5775	74.36	1.29	13.30	≤30.00	16.86	PASS

Test Mode	Ant.	Freq. [MHz]	Ru Size	Ru Index	Duty Cycle [%]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11AX20SISO	Ant1	5180	26Tone	RU0	69.76	6.91	≤23.98	10.47	PASS
				RU4	70.06	7.68	≤23.98	11.24	PASS
				RU8	70.06	7.37	≤23.98	10.93	PASS
			52Tone	RU37	54.75	6.98	≤23.98	10.54	PASS
				RU39	54.50	7.50	≤23.98	11.06	PASS
				RU40	54.75	7.78	≤23.98	11.34	PASS
			106Tone	RU53	65.91	6.97	≤23.98	10.53	PASS
				RU54	65.91	7.61	≤23.98	11.17	PASS
		5200	26Tone	RU0	69.85	7.45	≤23.98	11.01	PASS
				RU4	70.06	7.86	≤23.98	11.42	PASS
				RU8	70.06	7.80	≤23.98	11.36	PASS
			52Tone	RU37	54.30	7.43	≤23.98	10.99	PASS
				RU39	54.50	7.93	≤23.98	11.49	PASS
				RU40	54.30	7.95	≤23.98	11.51	PASS
			106Tone	RU53	65.91	7.49	≤23.98	11.05	PASS
				RU54	65.91	7.78	≤23.98	11.34	PASS
		5240	26Tone	RU0	70.06	7.82	≤23.98	11.38	PASS
				RU4	69.76	8.26	≤23.98	11.82	PASS
				RU8	70.06	8.07	≤23.98	11.63	PASS
			52Tone	RU37	54.50	7.97	≤23.98	11.53	PASS
				RU39	54.75	8.01	≤23.98	11.57	PASS
				RU40	54.30	8.19	≤23.98	11.75	PASS
			106Tone	RU53	65.91	7.89	≤23.98	11.45	PASS
				RU54	65.91	8.04	≤23.98	11.60	PASS
		5260	26Tone	RU0	70.15	7.32	≤23.98	10.88	PASS
				RU4	70.06	7.55	≤23.98	11.11	PASS
				RU8	69.76	7.63	≤23.98	11.19	PASS
			52Tone	RU37	54.30	7.44	≤23.98	11.00	PASS
				RU39	54.50	7.74	≤23.98	11.30	PASS
				RU40	54.75	7.59	≤23.98	11.15	PASS
			106Tone	RU53	65.91	7.22	≤23.98	10.78	PASS
				RU54	65.91	7.46	≤23.98	11.02	PASS

		5280	26Tone	RU0	69.76	7.46	≤ 23.98	11.02	PASS
				RU4	70.06	7.83	≤ 23.98	11.39	PASS
				RU8	70.06	7.82	≤ 23.98	11.38	PASS
			52Tone	RU37	54.30	7.57	≤ 23.98	11.13	PASS
				RU39	54.75	7.84	≤ 23.98	11.40	PASS
				RU40	54.75	7.81	≤ 23.98	11.37	PASS
			106Tone	RU53	65.91	7.37	≤ 23.98	10.93	PASS
				RU54	65.91	7.59	≤ 23.98	11.15	PASS
		5320	26Tone	RU0	70.15	8.35	≤ 23.98	11.91	PASS
				RU4	70.06	8.65	≤ 23.98	12.21	PASS
				RU8	69.76	8.61	≤ 23.98	12.17	PASS
			52Tone	RU37	54.30	8.40	≤ 23.98	11.96	PASS
				RU39	54.75	8.65	≤ 23.98	12.21	PASS
				RU40	54.30	8.64	≤ 23.98	12.20	PASS
			106Tone	RU53	65.91	8.38	≤ 23.98	11.94	PASS
				RU54	65.91	8.37	≤ 23.98	11.93	PASS
		5500	26Tone	RU0	69.76	8.97	≤ 23.98	12.53	PASS
				RU4	69.76	9.42	≤ 23.98	12.98	PASS
				RU8	70.06	9.42	≤ 23.98	12.98	PASS
			52Tone	RU37	54.75	9.45	≤ 23.98	13.01	PASS
				RU39	54.75	9.63	≤ 23.98	13.19	PASS
				RU40	54.50	9.56	≤ 23.98	13.12	PASS
			106Tone	RU53	65.91	9.36	≤ 23.98	12.92	PASS
				RU54	65.91	9.37	≤ 23.98	12.93	PASS
		5580	26Tone	RU0	69.76	9.64	≤ 23.98	13.20	PASS
				RU4	69.76	9.77	≤ 23.98	13.33	PASS
				RU8	70.06	9.57	≤ 23.98	13.13	PASS
			52Tone	RU37	54.75	9.62	≤ 23.98	13.18	PASS
				RU39	54.75	9.79	≤ 23.98	13.35	PASS
				RU40	54.30	9.89	≤ 23.98	13.45	PASS
			106Tone	RU53	65.91	9.48	≤ 23.98	13.04	PASS
				RU54	64.44	9.76	≤ 23.98	13.32	PASS
		5700	26Tone	RU0	70.06	9.34	≤ 23.98	12.90	PASS
				RU4	70.06	9.28	≤ 23.98	12.84	PASS

				RU8	70.06	9.30	≤23.98	12.86	PASS
				RU37	54.30	9.22	≤23.98	12.78	PASS
			52Tone	RU39	54.50	9.34	≤23.98	12.90	PASS
				RU40	54.30	9.42	≤23.98	12.98	PASS
			106Tone	RU53	65.91	9.20	≤23.98	12.76	PASS
				RU54	65.91	9.27	≤23.98	12.83	PASS
		5745	26Tone	RU0	70.06	7.52	≤30.00	11.08	PASS
				RU4	70.06	7.75	≤30.00	11.31	PASS
				RU8	69.76	7.54	≤30.00	11.10	PASS
			52Tone	RU37	54.75	7.67	≤30.00	11.23	PASS
				RU39	54.50	7.77	≤30.00	11.33	PASS
				RU40	54.50	7.63	≤30.00	11.19	PASS
			106Tone	RU53	65.91	7.57	≤30.00	11.13	PASS
				RU54	65.91	7.51	≤30.00	11.07	PASS
		5785	26Tone	RU0	70.06	7.42	≤30.00	10.98	PASS
				RU4	69.85	7.64	≤30.00	11.20	PASS
				RU8	70.06	7.42	≤30.00	10.98	PASS
			52Tone	RU37	54.30	7.55	≤30.00	11.11	PASS
				RU39	54.50	7.68	≤30.00	11.24	PASS
				RU40	54.75	7.46	≤30.00	11.02	PASS
			106Tone	RU53	65.91	7.43	≤30.00	10.99	PASS
				RU54	65.91	7.34	≤30.00	10.90	PASS
		5825	26Tone	RU0	70.06	7.39	≤30.00	10.95	PASS
				RU4	70.06	7.60	≤30.00	11.16	PASS
				RU8	70.06	7.43	≤30.00	10.99	PASS
			52Tone	RU37	54.50	7.48	≤30.00	11.04	PASS
				RU39	54.75	7.74	≤30.00	11.30	PASS
				RU40	54.50	7.68	≤30.00	11.24	PASS
			106Tone	RU53	65.91	7.46	≤30.00	11.02	PASS
				RU54	64.44	7.45	≤30.00	11.01	PASS
11AX40SISO	Ant1	5190	242Tone	RU61	26.28	9.24	≤23.98	12.80	PASS
				RU62	25.74	9.31	≤23.98	12.87	PASS
		5230	242Tone	RU61	26.28	9.48	≤23.98	13.04	PASS
				RU62	26.47	9.71	≤23.98	13.27	PASS

		5270	242Tone	RU61	25.74	10.96	≤23.98	14.52	PASS
				RU62	25.74	11.53	≤23.98	15.09	PASS
		5310	242Tone	RU61	26.28	11.72	≤23.98	15.28	PASS
				RU62	25.74	12.24	≤23.98	15.80	PASS
		5510	242Tone	RU61	25.74	13.14	≤23.98	16.70	PASS
				RU62	26.47	13.19	≤23.98	16.75	PASS
		5550	242Tone	RU61	26.28	13.26	≤23.98	16.82	PASS
				RU62	26.28	13.47	≤23.98	17.03	PASS
		5670	242Tone	RU61	25.74	13.46	≤23.98	17.02	PASS
				RU62	26.28	13.16	≤23.98	16.72	PASS
		5755	242Tone	RU61	25.74	7.11	≤30.00	10.67	PASS
				RU62	25.74	7.04	≤30.00	10.60	PASS
		5795	242Tone	RU61	25.74	6.71	≤30.00	10.27	PASS
				RU62	25.74	6.70	≤30.00	10.26	PASS
11AX80SISO	Ant1	5210	484Tone	RU65	20.63	8.96	≤23.98	12.52	PASS
				RU66	20.63	9.29	≤23.98	12.85	PASS
		5290	484Tone	RU65	20.47	10.96	≤23.98	14.52	PASS
				RU66	20.47	11.64	≤23.98	15.20	PASS
		5530	484Tone	RU65	20.63	13.02	≤23.98	16.58	PASS
				RU66	20.63	13.41	≤23.98	16.97	PASS
		5610	484Tone	RU65	19.84	13.88	≤23.98	17.44	PASS
				RU66	20.63	13.84	≤23.98	17.40	PASS
		5775	484Tone	RU65	20.63	7.10	≤30.00	10.66	PASS
				RU66	20.63	6.82	≤30.00	10.38	PASS

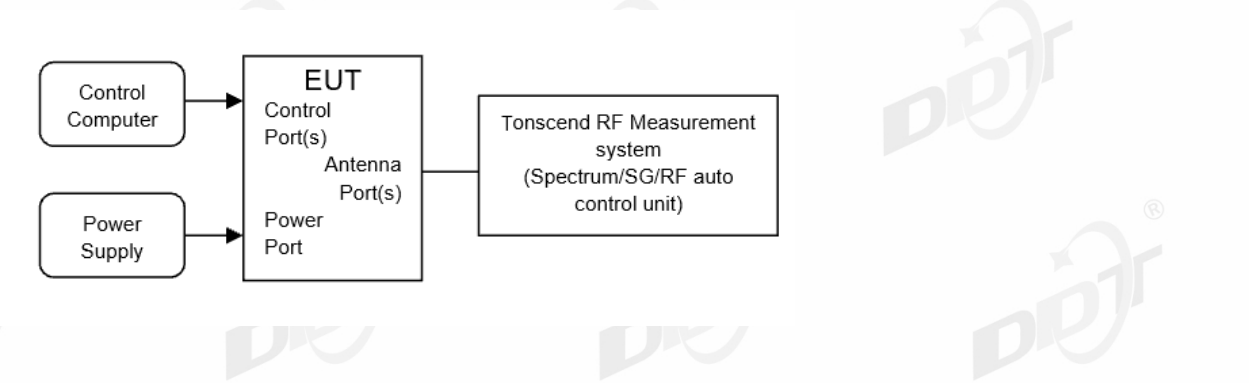
Test Mode	Ant.	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Limit [dBm]	Verdict
11A	Ant1	5720	93.33	0.30	18.83	≤23.98	PASS
11N20SISO	Ant1	5720	92.96	0.32	16.54	≤23.98	PASS
11N40SISO	Ant1	5710	86.67	0.62	17.91	≤23.98	PASS
11AC20SISO	Ant1	5720	93.01	0.31	18.76	≤23.98	PASS
11AC40SISO	Ant1	5710	86.84	0.61	15.34	≤23.98	PASS
11AC80SISO	Ant1	5690	76.74	1.15	15.29	≤23.98	PASS

11AX20SISO	Ant1	5720	91.15	0.40	17.38	≤23.98	PASS
11AX40SISO	Ant1	5710	84.62	0.73	15.59	≤23.98	PASS
11AX80SISO	Ant1	5690	74.36	1.29	15.39	≤23.98	PASS

Test Mode	Ant.	Frequency [MHz]	Ru Size	Ru Index	Duty Cycle [%]	Result [dBm]	FCC Limit [dBm]	Verdict
11AX20SISO	Ant1	5720	26Tone	RU0	69.76	8.80	≤23.98	PASS
				RU4	70.15	9.17	≤23.98	PASS
				RU8	70.06	9.00	≤23.98	PASS
			52Tone	RU37	54.75	9.00	≤23.98	PASS
				RU39	54.50	9.30	≤23.98	PASS
				RU40	54.50	9.21	≤23.98	PASS
			106Tone	RU53	65.91	9.00	≤23.98	PASS
				RU54	65.91	8.99	≤23.98	PASS
11AX40SISO	Ant1	5710	242Tone	RU61	26.47	13.20	≤23.98	PASS
				RU62	26.47	13.37	≤23.98	PASS
11AX80SISO	Ant1	5690	484Tone	RU65	19.84	13.52	≤23.98	PASS
				RU66	20.63	13.27	≤23.98	PASS

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 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

9.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1# RF Measurement System 4#
Ambient Condition:	24.4℃, 47.3%RH-23.6℃,43.8%RH	Test Date:	2025.10.25-2026.01.07
Test Power Supply:	DC 12V	Sample Number:	S25060926-001

PCB B:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz] or [dBm/500kHz]	Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11A	Ant1	5180	3.69	≤11.00	PASS
		5200	4.04	≤11.00	PASS
		5240	4.38	≤11.00	PASS
		5260	4.52	≤11.00	PASS
		5280	4.63	≤11.00	PASS
		5320	5.36	≤11.00	PASS
		5500	6.78	≤11.00	PASS
		5580	7.27	≤11.00	PASS
		5700	7.70	≤11.00	PASS
		5720_UNII-2C	5.14	≤11.00	PASS
		5720_UNII-3	2.08	≤30.00	PASS
		5745	2.59	≤30.00	PASS
		5785	2.73	≤30.00	PASS
		5825	2.91	≤30.00	PASS
11N20SISO	Ant1	5180	3.76	≤11.00	PASS
		5200	4.01	≤11.00	PASS
		5240	4.14	≤11.00	PASS
		5260	2.81	≤11.00	PASS

		5280	2.89	≤11.00	PASS
		5320	3.59	≤11.00	PASS
		5500	4.72	≤11.00	PASS
		5580	5.30	≤11.00	PASS
		5700	-12.96	≤11.00	PASS
		5720_UNII-2C	2.22	≤11.00	PASS
		5720_UNII-3	-0.78	≤30.00	PASS
		5745	2.87	≤30.00	PASS
		5785	2.54	≤30.00	PASS
		5825	2.38	≤30.00	PASS
11N40SISO	Ant1	5190	0.41	≤11.00	PASS
		5230	0.62	≤11.00	PASS
		5270	0.87	≤11.00	PASS
		5310	1.34	≤11.00	PASS
		5510	2.79	≤11.00	PASS
		5550	3.42	≤11.00	PASS
		5670	3.94	≤11.00	PASS
		5710_UNII-2C	1.73	≤11.00	PASS
		5710_UNII-3	-1.65	≤30.00	PASS
		5755	-0.86	≤30.00	PASS
		5795	-0.82	≤30.00	PASS
11AC20SISO	Ant1	5180	3.81	≤11.00	PASS
		5200	3.97	≤11.00	PASS
		5240	4.15	≤11.00	PASS

		5260	4.43	≤11.00	PASS
		5280	4.59	≤11.00	PASS
		5320	5.18	≤11.00	PASS
		5500	6.49	≤11.00	PASS
		5580	7.16	≤11.00	PASS
		5700	7.72	≤11.00	PASS
		5720_UNII-2C	4.74	≤11.00	PASS
		5720_UNII-3	1.59	≤30.00	PASS
		5745	2.75	≤30.00	PASS
		5785	2.54	≤30.00	PASS
		5825	2.26	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.96	≤11.00	PASS
		5230	-1.66	≤11.00	PASS
		5270	-1.01	≤11.00	PASS
		5310	-0.71	≤11.00	PASS
		5510	0.78	≤11.00	PASS
		5550	1.34	≤11.00	PASS
		5670	1.75	≤11.00	PASS
		5710_UNII-2C	-0.69	≤11.00	PASS
		5710_UNII-3	-4.04	≤30.00	PASS
		5755	-2.98	≤30.00	PASS
		5795	-3.32	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.73	≤11.00	PASS
		5290	-3.89	≤11.00	PASS

		5530	-1.46	≤11.00	PASS
		5610	-1.31	≤11.00	PASS
		5690_UNII-2C	-4.70	≤11.00	PASS
		5690_UNII-3	-8.90	≤30.00	PASS
		5775	-6.52	≤30.00	PASS
11AX20SISO	Ant1	5180	2.54	≤11.00	PASS
		5200	2.11	≤11.00	PASS
		5240	2.63	≤11.00	PASS
		5260	3.02	≤11.00	PASS
		5280	3.26	≤11.00	PASS
		5320	3.52	≤11.00	PASS
		5500	5.43	≤11.00	PASS
		5580	5.78	≤11.00	PASS
		5700	6.16	≤11.00	PASS
		5720_UNII-2C	2.81	≤11.00	PASS
		5720_UNII-3	-0.22	≤30.00	PASS
		5745	1.16	≤30.00	PASS
		5785	0.79	≤30.00	PASS
		5825	0.67	≤30.00	PASS
11AX40SISO	Ant1	5190	-2.39	≤11.00	PASS
		5230	-2.15	≤11.00	PASS
		5270	-1.73	≤11.00	PASS
		5310	-1.60	≤11.00	PASS
		5510	0.30	≤11.00	PASS

		5550	1.17	≤11.00	PASS
		5670	0.98	≤11.00	PASS
		5710_UNII-2C	-2.28	≤11.00	PASS
		5710_UNII-3	-5.51	≤30.00	PASS
		5755	-3.66	≤30.00	PASS
		5795	-3.95	≤30.00	PASS
11AX80SISO	Ant1	5210	-4.78	≤11.00	PASS
		5290	-5.54	≤11.00	PASS
		5530	-2.12	≤11.00	PASS
		5610	-2.51	≤11.00	PASS
		5690_UNII-2C	-4.07	≤11.00	PASS
		5690_UNII-3	-8.33	≤30.00	PASS
		5775	-6.99	≤30.00	PASS

Test Mode	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/MHz] or [dBm/500kHz]	FCC Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11AX20SISO	5180	26Tone	RU0	2.19	≤11.00	PASS
			RU4	1.85	≤11.00	PASS
			RU8	2.42	≤11.00	PASS
		52Tone	RU37	-0.33	≤11.00	PASS
			RU39	0.07	≤11.00	PASS
			RU40	0.46	≤11.00	PASS
		106Tone	RU53	-2.79	≤11.00	PASS
			RU54	-2.78	≤11.00	PASS
	5200	26Tone	RU0	2.04	≤11.00	PASS
			RU4	1.71	≤11.00	PASS
			RU8	3.09	≤11.00	PASS
		52Tone	RU37	0.07	≤11.00	PASS
			RU39	0.29	≤11.00	PASS

		106Tone	RU40	0.16	≤ 11.00	PASS
			RU53	-3.12	≤ 11.00	PASS
			RU54	-2.70	≤ 11.00	PASS
	5240	26Tone	RU0	2.89	≤ 11.00	PASS
			RU4	2.37	≤ 11.00	PASS
			RU8	3.11	≤ 11.00	PASS
		52Tone	RU37	0.29	≤ 11.00	PASS
			RU39	0.40	≤ 11.00	PASS
			RU40	0.50	≤ 11.00	PASS
		106Tone	RU53	-2.33	≤ 11.00	PASS
			RU54	-2.40	≤ 11.00	PASS
	5260	26Tone	RU0	2.25	≤ 11.00	PASS
			RU4	1.78	≤ 11.00	PASS
			RU8	2.66	≤ 11.00	PASS
		52Tone	RU37	-0.21	≤ 11.00	PASS
			RU39	0.14	≤ 11.00	PASS
			RU40	0.36	≤ 11.00	PASS
		106Tone	RU53	-2.90	≤ 11.00	PASS
			RU54	-3.10	≤ 11.00	PASS
	5280	26Tone	RU0	2.42	≤ 11.00	PASS
			RU4	1.92	≤ 11.00	PASS
			RU8	2.77	≤ 11.00	PASS
		52Tone	RU37	-0.07	≤ 11.00	PASS
			RU39	0.29	≤ 11.00	PASS
			RU40	0.18	≤ 11.00	PASS
		106Tone	RU53	-3.07	≤ 11.00	PASS
			RU54	-2.93	≤ 11.00	PASS
	5320	26Tone	RU0	3.30	≤ 11.00	PASS
			RU4	2.66	≤ 11.00	PASS
			RU8	3.46	≤ 11.00	PASS
		52Tone	RU37	0.81	≤ 11.00	PASS
			RU39	1.03	≤ 11.00	PASS
			RU40	1.03	≤ 11.00	PASS
		106Tone	RU53	-2.15	≤ 11.00	PASS

	5500	26Tone	RU54	-2.09	≤ 11.00	PASS
			RU0	4.87	≤ 11.00	PASS
			RU4	4.29	≤ 11.00	PASS
		52Tone	RU8	4.73	≤ 11.00	PASS
			RU37	2.13	≤ 11.00	PASS
			RU39	2.50	≤ 11.00	PASS
		106Tone	RU40	2.03	≤ 11.00	PASS
			RU53	-0.79	≤ 11.00	PASS
			RU54	-0.74	≤ 11.00	PASS
	5580	26Tone	RU0	5.61	≤ 11.00	PASS
			RU4	5.02	≤ 11.00	PASS
			RU8	5.47	≤ 11.00	PASS
		52Tone	RU37	3.10	≤ 11.00	PASS
			RU39	3.26	≤ 11.00	PASS
			RU40	2.84	≤ 11.00	PASS
		106Tone	RU53	0.32	≤ 11.00	PASS
			RU54	-0.12	≤ 11.00	PASS
	5700	26Tone	RU0	5.63	≤ 11.00	PASS
			RU4	5.00	≤ 11.00	PASS
			RU8	5.51	≤ 11.00	PASS
		52Tone	RU37	3.30	≤ 11.00	PASS
			RU39	3.73	≤ 11.00	PASS
			RU40	3.39	≤ 11.00	PASS
		106Tone	RU53	1.13	≤ 11.00	PASS
			RU54	0.60	≤ 11.00	PASS
	5745	26Tone	RU0	1.36	≤ 30.00	PASS
			RU4	1.69	≤ 30.00	PASS
			RU8	1.57	≤ 30.00	PASS
		52Tone	RU37	-1.28	≤ 30.00	PASS
			RU39	-0.71	≤ 30.00	PASS
			RU40	-1.13	≤ 30.00	PASS
		106Tone	RU53	-3.79	≤ 30.00	PASS
			RU54	-3.82	≤ 30.00	PASS
	5785	26Tone	RU0	1.83	≤ 30.00	PASS

			RU4	1.82	≤30.00	PASS
			RU8	1.73	≤30.00	PASS
		52Tone	RU37	-1.16	≤30.00	PASS
			RU39	-0.97	≤30.00	PASS
			RU40	-1.07	≤30.00	PASS
		106Tone	RU53	-4.29	≤30.00	PASS
			RU54	-3.68	≤30.00	PASS
		5825	RU0	1.12	≤30.00	PASS
			RU4	1.45	≤30.00	PASS
			RU8	1.54	≤30.00	PASS
			RU37	-1.17	≤30.00	PASS
			RU39	-1.09	≤30.00	PASS
			RU40	-1.09	≤30.00	PASS
			RU53	-4.62	≤30.00	PASS
			RU54	-4.66	≤30.00	PASS
11AX40SISO	5190	242Tone	RU61	-1.59	≤11.00	PASS
			RU62	-2.54	≤11.00	PASS
	5230	242Tone	RU61	-2.16	≤11.00	PASS
			RU62	-1.72	≤11.00	PASS
	5270	242Tone	RU61	-1.47	≤11.00	PASS
			RU62	-1.49	≤11.00	PASS
	5310	242Tone	RU61	-0.73	≤11.00	PASS
			RU62	-0.85	≤11.00	PASS
	5510	242Tone	RU61	0.65	≤11.00	PASS
			RU62	0.57	≤11.00	PASS
	5550	242Tone	RU61	1.06	≤11.00	PASS
			RU62	1.51	≤11.00	PASS
	5670	242Tone	RU61	2.13	≤11.00	PASS
			RU62	1.65	≤11.00	PASS
	5755	242Tone	RU61	-6.83	≤30.00	PASS
			RU62	-7.24	≤30.00	PASS
	5795	242Tone	RU61	-7.61	≤30.00	PASS
			RU62	-7.68	≤30.00	PASS
11AX80SISO	5210	484Tone	RU65	-5.61	≤11.00	PASS

	5290	484Tone	RU66	-5.73	≤11.00	PASS
			RU65	-4.19	≤11.00	PASS
			RU66	-3.96	≤11.00	PASS
	5530	484Tone	RU65	-1.89	≤11.00	PASS
			RU66	-1.10	≤11.00	PASS
	5610	484Tone	RU65	-0.55	≤11.00	PASS
			RU66	-1.11	≤11.00	PASS
	5775	484Tone	RU65	-9.54	≤30.00	PASS
			RU66	-9.85	≤30.00	PASS

Test Mode	Ant.	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/MHz] or [dBm/500kHz]	FCC Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11AX20SISO	Ant1	5720_UNII-2C	26Tone	RU0	3.57	≤11.00	PASS
				RU4	3.54	≤11.00	PASS
				RU8	-17.20	≤11.00	PASS
			52Tone	RU37	1.99	≤11.00	PASS
				RU39	1.96	≤11.00	PASS
				RU40	-6.91	≤11.00	PASS
			106Tone	RU53	-1.69	≤11.00	PASS
				RU54	-1.16	≤11.00	PASS
		5720_UNII-3	26Tone	RU0	-22.46	≤30.00	PASS
				RU4	-21.27	≤30.00	PASS
				RU8	1.30	≤30.00	PASS
			52Tone	RU37	-18.33	≤30.00	PASS
				RU39	-2.13	≤30.00	PASS
				RU40	-0.94	≤30.00	PASS
			106Tone	RU53	-14.34	≤30.00	PASS
				RU54	-4.30	≤30.00	PASS
11AX40SISO	Ant1	5710_UNII-2C	242Tone	RU61	0.13	≤11.00	PASS
				RU62	0.46	≤11.00	PASS
		5710_UNII-3	242Tone	RU61	-30.51	≤30.00	PASS
				RU62	-3.40	≤30.00	PASS
11AX80SISO	Ant1	5690_UNII-2C	484Tone	RU65	-2.45	≤11.00	PASS
				RU66	-2.28	≤11.00	PASS
		5690_UNII-3	484Tone	RU65	-29.57	≤30.00	PASS
				RU66	-6.70	≤30.00	PASS

PCB A:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz] or [dBm/500kHz]	Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11A	Ant1	5180	4.09	≤11.00	PASS
		5200	4.50	≤11.00	PASS
		5240	4.84	≤11.00	PASS
		5260	5.32	≤11.00	PASS
		5280	5.33	≤11.00	PASS
		5320	6.26	≤11.00	PASS
		5500	6.89	≤11.00	PASS
		5580	7.04	≤11.00	PASS
		5700	6.61	≤11.00	PASS
		5745	1.89	≤30.00	PASS
		5785	1.57	≤30.00	PASS
		5825	1.30	≤30.00	PASS
11N20SISO	Ant1	5180	4.00	≤11.00	PASS
		5200	4.13	≤11.00	PASS
		5240	4.47	≤11.00	PASS
		5260	1.94	≤11.00	PASS
		5280	3.68	≤11.00	PASS
		5320	4.29	≤11.00	PASS
		5500	5.24	≤11.00	PASS
		5580	4.58	≤11.00	PASS
		5700	4.34	≤11.00	PASS
		5745	1.53	≤30.00	PASS
		5785	1.32	≤30.00	PASS
		5825	0.81	≤30.00	PASS
11N40SISO	Ant1	5190	0.47	≤11.00	PASS
		5230	0.79	≤11.00	PASS
		5270	1.37	≤11.00	PASS
		5310	1.96	≤11.00	PASS
		5510	2.94	≤11.00	PASS
		5550	3.49	≤11.00	PASS
		5670	3.31	≤11.00	PASS

		5755	-1.99	≤30.00	PASS
		5795	-2.26	≤30.00	PASS
11AC20SISO	Ant1	5180	3.90	≤11.00	PASS
		5200	4.08	≤11.00	PASS
		5240	4.36	≤11.00	PASS
		5260	4.13	≤11.00	PASS
		5280	5.07	≤11.00	PASS
		5320	5.77	≤11.00	PASS
		5500	7.00	≤11.00	PASS
		5580	6.69	≤11.00	PASS
		5700	6.48	≤11.00	PASS
		5745	1.56	≤30.00	PASS
		5785	1.45	≤30.00	PASS
		5825	0.88	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.80	≤11.00	PASS
		5230	-1.43	≤11.00	PASS
		5270	-2.44	≤11.00	PASS
		5310	0.00	≤11.00	PASS
		5510	1.51	≤11.00	PASS
		5550	1.17	≤11.00	PASS
		5670	0.66	≤11.00	PASS
		5755	-3.93	≤30.00	PASS
		5795	-3.99	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.25	≤11.00	PASS
		5290	-4.83	≤11.00	PASS
		5530	-1.01	≤11.00	PASS
		5610	-2.06	≤11.00	PASS
		5775	-6.94	≤30.00	PASS
11AX20SISO	Ant1	5180	2.62	≤11.00	PASS
		5200	2.91	≤11.00	PASS
		5240	3.25	≤11.00	PASS
		5260	2.63	≤11.00	PASS
		5280	3.92	≤11.00	PASS
		5320	4.70	≤11.00	PASS

		5500	5.74	≤11.00	PASS
		5580	5.28	≤11.00	PASS
		5700	4.84	≤11.00	PASS
		5745	0.29	≤30.00	PASS
		5785	0.13	≤30.00	PASS
		5825	-0.33	≤30.00	PASS
11AX40SISO	Ant1	5190	-1.92	≤11.00	PASS
		5230	-1.53	≤11.00	PASS
		5270	-2.54	≤11.00	PASS
		5310	-0.23	≤11.00	PASS
		5510	1.70	≤11.00	PASS
		5550	0.91	≤11.00	PASS
		5670	0.68	≤11.00	PASS
		5755	-4.16	≤30.00	PASS
		5795	-4.17	≤30.00	PASS
11AX80SISO	Ant1	5210	-4.33	≤11.00	PASS
		5290	-4.99	≤11.00	PASS
		5530	-2.98	≤11.00	PASS
		5610	-2.89	≤11.00	PASS
		5775	-7.08	≤30.00	PASS

Test Mode	Ant.	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/MHz] or [dBm/500kHz]	FCC [dBm/MHz] or [dBm/500kHz]	Verdict
11AX20SISO	Ant1	5180	26Tone	RU0	3.02	≤11.00	PASS
				RU4	3.04	≤11.00	PASS
				RU8	3.39	≤11.00	PASS
			52Tone	RU37	0.55	≤11.00	PASS
				RU39	1.42	≤11.00	PASS
				RU40	1.41	≤11.00	PASS
			106Tone	RU53	-2.52	≤11.00	PASS
				RU54	-1.71	≤11.00	PASS
		5200	26Tone	RU0	3.52	≤11.00	PASS
				RU4	2.96	≤11.00	PASS
				RU8	4.02	≤11.00	PASS
			52Tone	RU37	0.98	≤11.00	PASS

			106Tone	RU39	1.67	≤ 11.00	PASS
				RU40	1.84	≤ 11.00	PASS
				RU53	-2.05	≤ 11.00	PASS
				RU54	-1.39	≤ 11.00	PASS
		5240	26Tone	RU0	3.94	≤ 11.00	PASS
				RU4	3.25	≤ 11.00	PASS
				RU8	4.20	≤ 11.00	PASS
			52Tone	RU37	1.64	≤ 11.00	PASS
				RU39	1.56	≤ 11.00	PASS
				RU40	1.68	≤ 11.00	PASS
			106Tone	RU53	-1.63	≤ 11.00	PASS
				RU54	-1.46	≤ 11.00	PASS
		5260	26Tone	RU0	3.33	≤ 11.00	PASS
				RU4	2.96	≤ 11.00	PASS
				RU8	4.06	≤ 11.00	PASS
			52Tone	RU37	1.04	≤ 11.00	PASS
				RU39	1.64	≤ 11.00	PASS
				RU40	1.48	≤ 11.00	PASS
			106Tone	RU53	-2.01	≤ 11.00	PASS
				RU54	-1.76	≤ 11.00	PASS
		5280	26Tone	RU0	3.83	≤ 11.00	PASS
				RU4	3.29	≤ 11.00	PASS
				RU8	3.90	≤ 11.00	PASS
			52Tone	RU37	1.40	≤ 11.00	PASS
				RU39	1.70	≤ 11.00	PASS
				RU40	1.68	≤ 11.00	PASS
			106Tone	RU53	-1.92	≤ 11.00	PASS
				RU54	-1.61	≤ 11.00	PASS
		5320	26Tone	RU0	4.63	≤ 11.00	PASS
				RU4	4.31	≤ 11.00	PASS
				RU8	5.27	≤ 11.00	PASS
			52Tone	RU37	2.20	≤ 11.00	PASS
				RU39	2.39	≤ 11.00	PASS
				RU40	2.32	≤ 11.00	PASS

			106Tone	RU53	-0.71	≤11.00	PASS
				RU54	-0.94	≤11.00	PASS
		5500	26Tone	RU0	5.45	≤11.00	PASS
				RU4	4.60	≤11.00	PASS
				RU8	5.72	≤11.00	PASS
			52Tone	RU37	3.13	≤11.00	PASS
				RU39	3.09	≤11.00	PASS
				RU40	3.34	≤11.00	PASS
			106Tone	RU53	0.02	≤11.00	PASS
				RU54	-0.12	≤11.00	PASS
		5580	26Tone	RU0	5.57	≤11.00	PASS
				RU4	4.80	≤11.00	PASS
				RU8	5.43	≤11.00	PASS
			52Tone	RU37	2.89	≤11.00	PASS
				RU39	3.10	≤11.00	PASS
				RU40	3.46	≤11.00	PASS
			106Tone	RU53	-0.37	≤11.00	PASS
				RU54	0.49	≤11.00	PASS
		5700	26Tone	RU0	5.41	≤11.00	PASS
				RU4	4.75	≤11.00	PASS
				RU8	5.13	≤11.00	PASS
			52Tone	RU37	2.82	≤11.00	PASS
				RU39	2.88	≤11.00	PASS
				RU40	2.90	≤11.00	PASS
			106Tone	RU53	0.34	≤11.00	PASS
				RU54	0.40	≤11.00	PASS
		5745	26Tone	RU0	1.04	≤30.00	PASS
				RU4	1.30	≤30.00	PASS
				RU8	1.31	≤30.00	PASS
			52Tone	RU37	-1.65	≤30.00	PASS
				RU39	-1.20	≤30.00	PASS
				RU40	-1.39	≤30.00	PASS
			106Tone	RU53	-4.72	≤30.00	PASS
				RU54	-4.43	≤30.00	PASS

		5785	26Tone	RU0	1.28	≤ 30.00	PASS
				RU4	1.15	≤ 30.00	PASS
				RU8	1.21	≤ 30.00	PASS
			52Tone	RU37	-1.40	≤ 30.00	PASS
				RU39	-1.24	≤ 30.00	PASS
				RU40	-1.58	≤ 30.00	PASS
			106Tone	RU53	-4.64	≤ 30.00	PASS
				RU54	-4.61	≤ 30.00	PASS
		5825	26Tone	RU0	0.89	≤ 30.00	PASS
				RU4	0.89	≤ 30.00	PASS
				RU8	0.97	≤ 30.00	PASS
			52Tone	RU37	-1.78	≤ 30.00	PASS
				RU39	-1.57	≤ 30.00	PASS
				RU40	-1.29	≤ 30.00	PASS
			106Tone	RU53	-5.05	≤ 30.00	PASS
				RU54	-4.99	≤ 30.00	PASS
11AX40SISO	Ant1	5190	242Tone	RU61	-2.68	≤ 11.00	PASS
				RU62	-2.70	≤ 11.00	PASS
		5230	242Tone	RU61	-1.97	≤ 11.00	PASS
				RU62	-2.34	≤ 11.00	PASS
		5270	242Tone	RU61	-0.29	≤ 11.00	PASS
				RU62	0.11	≤ 11.00	PASS
		5310	242Tone	RU61	0.30	≤ 11.00	PASS
				RU62	0.46	≤ 11.00	PASS
		5510	242Tone	RU61	1.99	≤ 11.00	PASS
				RU62	1.49	≤ 11.00	PASS
		5550	242Tone	RU61	1.68	≤ 11.00	PASS
				RU62	1.92	≤ 11.00	PASS
		5670	242Tone	RU61	1.49	≤ 11.00	PASS
				RU62	1.45	≤ 11.00	PASS
		5755	242Tone	RU61	-7.57	≤ 30.00	PASS
				RU62	-7.73	≤ 30.00	PASS
		5795	242Tone	RU61	-7.86	≤ 30.00	PASS
				RU62	-7.91	≤ 30.00	PASS

11AX80SISO	Ant1	5210	484Tone	RU65	-5.35	≤11.00	PASS
				RU66	-4.95	≤11.00	PASS
		5290	484Tone	RU65	-3.15	≤11.00	PASS
				RU66	-2.90	≤11.00	PASS
		5530	484Tone	RU65	-1.10	≤11.00	PASS
				RU66	-0.49	≤11.00	PASS
		5610	484Tone	RU65	-0.51	≤11.00	PASS
				RU66	-0.52	≤11.00	PASS
		5775	484Tone	RU65	-9.66	≤30.00	PASS
				RU66	-10.13	≤30.00	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz] or [dBm/500kHz]	Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11A	Ant1	5720_UNII-2C	6.49	≤11.00	PASS
		5720_UNII-3	3.59	≤30.00	PASS
11N20SISO	Ant1	5720_UNII-2C	3.98	≤11.00	PASS
		5720_UNII-3	1.09	≤30.00	PASS
11N40SISO	Ant1	5710_UNII-2C	2.81	≤11.00	PASS
		5710_UNII-3	-0.36	≤30.00	PASS
11AC20SISO	Ant1	5720_UNII-2C	5.94	≤11.00	PASS
		5720_UNII-3	3.08	≤30.00	PASS
11AC40SISO	Ant1	5710_UNII-2C	0.25	≤11.00	PASS
		5710_UNII-3	-3.01	≤30.00	PASS
11AC80SISO	Ant1	5690_UNII-2C	-2.79	≤11.00	PASS
		5690_UNII-3	-6.77	≤30.00	PASS
11AX20SISO	Ant1	5720_UNII-2C	4.54	≤11.00	PASS
		5720_UNII-3	1.56	≤30.00	PASS
11AX40SISO	Ant1	5710_UNII-2C	0.21	≤11.00	PASS
		5710_UNII-3	-2.90	≤30.00	PASS
11AX80SISO	Ant1	5690_UNII-2C	-2.23	≤11.00	PASS
		5690_UNII-3	-6.40	≤30.00	PASS

Test Mode	Ant.	Frequency [MHz]	Ru Size	Ru Index	Result [dBm/MHz] or [dBm/500kHz]	FCC Limit [dBm/MHz] or [dBm/500kHz]	Verdict
11AX20SISO	Ant1	5720_UNII-2C	26Tone	RU0	5.18	≤11.00	PASS
				RU4	4.16	≤11.00	PASS
				RU8	-16.51	≤11.00	PASS
			52Tone	RU37	2.48	≤11.00	PASS
				RU39	2.75	≤11.00	PASS
				RU40	-5.54	≤11.00	PASS
			106Tone	RU53	-0.20	≤11.00	PASS
				RU54	-0.42	≤11.00	PASS
		5720_UNII-3	26Tone	RU0	-19.57	≤30.00	PASS
				RU4	-20.24	≤30.00	PASS
				RU8	2.69	≤30.00	PASS
			52Tone	RU37	-17.99	≤30.00	PASS
				RU39	-0.16	≤30.00	PASS
				RU40	-0.12	≤30.00	PASS
			106Tone	RU53	-13.52	≤30.00	PASS
				RU54	-3.55	≤30.00	PASS
11AX40SISO	Ant1	5710_UNII-2C	242Tone	RU61	2.69	≤11.00	PASS
				RU62	1.64	≤11.00	PASS
		5710_UNII-3	242Tone	RU61	-34.23	≤30.00	PASS
				RU62	-0.97	≤30.00	PASS
11AX80SISO	Ant1	5690_UNII-2C	484Tone	RU65	-0.96	≤11.00	PASS
				RU66	-1.60	≤11.00	PASS
		5690_UNII-3	484Tone	RU65	-36.25	≤30.00	PASS
				RU66	-5.62	≤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 is compensated in the graph.

9.5. Test graphs

PCB B

