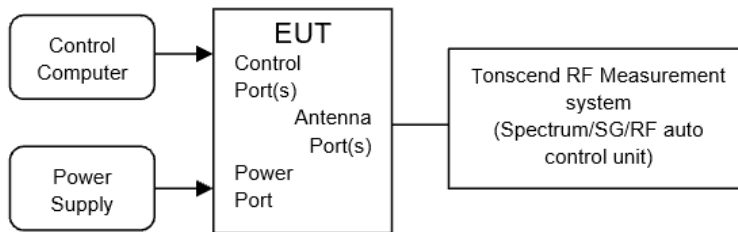


8. Maximum Output Power

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 points 1 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 average 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. Note3: The product is suitable for indoor access points.		

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:	25.3-26.9℃,36.7-42.8%RH	Test Date:	2025/07/10-2025/07/20
Test Power Supply:	AC 120V	Sample Number:	S25062706-001

FCC UNII-1/ UNII-2A/UNII-2C/UNII-3and IC band UNII-2A/UNII-2C/UNII-3:

Test Mode	Ant.	Freq [MHz]	TPC	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Conducted Limit [dBm]	IC Conducted Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A CDD	Ant 1	5180	NA	95.89	0.18	8.55	≤20.22	---	24.33	---	PASS
	Ant 2	5180	NA	95.89	0.18	8.32	≤20.22	---	23.22	---	PASS
	total	5180	NA	---	---	11.45	≤20.22	---	27.23	---	PASS
	Ant 1	5200	NA	95.89	0.18	9.23	≤20.22	---	25.01	---	PASS
	Ant 2	5200	NA	95.89	0.18	8.35	≤20.22	---	23.25	---	PASS
	total	5200	NA	---	---	11.82	≤20.22	---	27.6	---	PASS
	Ant 1	5240	NA	95.89	0.18	8.81	≤20.22	---	24.59	---	PASS
	Ant 2	5240	NA	95.89	0.18	9.06	≤20.22	---	23.96	---	PASS
	total	5240	NA	---	---	11.95	≤20.22	---	27.73	---	PASS
	Ant 1	5260	TPC_L	95.86	0.18	-2.32	≤14.12	≤23.21	13.46	≤24.00	PASS
			TPC_H	95.86	0.18	4.44	≤14.12	≤23.21	20.22	≤29.21	PASS
	Ant 2	5260	TPC_L	95.89	0.18	-3.07	≤14.12	≤23.21	11.83	≤24.00	PASS
			TPC_H	95.89	0.18	3.71	≤14.12	≤23.21	18.61	≤29.21	PASS
	total	5260	TPC_L	---	---	0.33	≤14.12	≤23.21	16.11	≤24.00	PASS
			TPC_H	---	---	7.1	≤14.12	≤23.21	22.88	≤29.21	PASS
	Ant 1	5280	TPC_L	95.89	0.18	-2.81	≤14.12	≤23.21	12.97	≤24.00	PASS
			TPC_H	95.89	0.18	4.04	≤14.12	≤23.21	19.82	≤29.21	PASS
	Ant 2	5280	TPC_L	95.89	0.18	-2.96	≤14.12	≤23.21	11.94	≤24.00	PASS
			TPC_H	95.89	0.18	3.88	≤14.12	≤23.21	18.78	≤29.21	PASS
	total	5280	TPC_L	---	---	0.13	≤14.12	≤23.21	15.91	≤24.00	PASS
			TPC_H	---	---	6.97	≤14.12	≤23.21	22.75	≤29.21	PASS
	Ant 1	5320	TPC_L	95.21	0.21	-2.54	≤14.12	≤23.21	13.24	≤24.00	PASS
			TPC_H	95.21	0.21	4.51	≤14.12	≤23.21	20.29	≤29.21	PASS
	Ant 2	5320	TPC_L	95.89	0.18	-2.83	≤14.12	≤23.21	12.07	≤24.00	PASS
			TPC_H	95.89	0.18	3.97	≤14.12	≤23.21	18.87	≤29.21	PASS
	total	5320	TPC_L	---	---	0.33	≤14.12	≤23.21	16.11	≤24.00	PASS
			TPC_H	---	---	7.26	≤14.12	≤23.21	23.04	≤29.21	PASS
	Ant	5500	TPC_L	95.8	0.18	-1.77	≤14.12	≤23.21	14.01	≤24.00	PASS

	1			9							
			TPC_H	95.8 9	0.18	4.91	≤14.12	≤23.21	20.69	≤29.21	PASS
	Ant 2	5500	TPC_L	95.8 9	0.18	-3.62	≤14.12	≤23.21	11.28	≤24.00	PASS
			TPC_H	95.8 9	0.18	3.12	≤14.12	≤23.21	18.02	≤29.21	PASS
	total	5500	TPC_L	---	---	0.41	≤14.12	≤23.21	16.19	≤24.00	PASS
			TPC_H	---	---	7.12	≤14.12	≤23.21	22.9	≤29.21	PASS
	Ant 1	5580	TPC_L	95.8 9	0.18	-2.56	≤14.12	≤23.21	13.22	≤24.00	PASS
			TPC_H	95.8 9	0.18	4.37	≤14.12	≤23.21	20.15	≤29.21	PASS
	Ant 2	5580	TPC_L	95.8 9	0.18	-2.43	≤14.12	≤23.21	12.47	≤24.00	PASS
			TPC_H	95.8 9	0.18	3.9	≤14.12	≤23.21	18.8	≤29.21	PASS
	total	5580	TPC_L	---	---	0.52	≤14.12	≤23.21	16.3	≤24.00	PASS
			TPC_H	---	---	7.15	≤14.12	≤23.21	22.93	≤29.21	PASS
	Ant 1	5700	TPC_L	95.8 9	0.18	-2.33	≤14.12	≤23.21	13.45	≤24.00	PASS
			TPC_H	95.8 9	0.18	4.08	≤14.12	≤23.21	19.86	≤29.21	PASS
	Ant 2	5700	TPC_L	95.2 1	0.21	-1.5	≤14.12	≤23.21	13.4	≤24.00	PASS
			TPC_H	95.2 1	0.21	4.74	≤14.12	≤23.21	19.64	≤29.21	PASS
	total	5700	TPC_L	---	---	1.12	≤14.12	≤23.21	16.9	≤24.00	PASS
			TPC_H	---	---	7.43	≤14.12	≤23.21	23.21	≤29.21	PASS
	Ant 1	5745	NA	95.8 9	0.18	15.66	≤20.22	≤20.22	31.44	---	PASS
	Ant 2	5745	NA	95.2 1	0.21	15.76	≤20.22	≤20.22	30.66	---	PASS
	total	5745	NA	---	---	18.72	≤20.22	≤20.22	34.5	---	PASS
	Ant 1	5785	NA	95.8 6	0.18	15.97	≤20.22	≤20.22	31.75	---	PASS
	Ant 2	5785	NA	95.8 9	0.18	15.13	≤20.22	≤20.22	30.03	---	PASS
	total	5785	NA	---	---	18.58	≤20.22	≤20.22	34.36	---	PASS
	Ant 1	5825	NA	95.2 1	0.21	15.55	≤20.22	≤20.22	31.33	---	PASS
	Ant 2	5825	NA	95.8 9	0.18	14.66	≤20.22	≤20.22	29.56	---	PASS
	total	5825	NA	---	---	18.14	≤20.22	≤20.22	33.92	---	PASS
11N20 MIMO	Ant 1	5180	NA	91.8 9	0.37	8.75	≤20.22	---	24.53	---	PASS
	Ant 2	5180	NA	91.8 9	0.37	8.12	≤20.22	---	23.02	---	PASS
	total	5180	NA	---	---	11.46	≤20.22	---	27.24	---	PASS
	Ant 1	5200	NA	90.5 4	0.43	8.99	≤20.22	---	24.77	---	PASS
	Ant 2	5200	NA	91.8 9	0.37	8.16	≤20.22	---	23.06	---	PASS
	total	5200	NA	---	---	11.61	≤20.22	---	27.39	---	PASS
	Ant 1	5240	NA	90.5 4	0.43	8.62	≤20.22	---	24.4	---	PASS
	Ant	5240	NA	90.5	0.43	8.9	≤20.22	---	23.8	---	PASS

2			4							
total	5240	NA	---	---	11.77	≤20.22	---	27.55	---	PASS
Ant 1	5260	TPC_L	91.8 ₉	0.37	-2.39	≤14.12	≤23.21	13.39	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	4.03	≤14.12	≤23.21	19.81	≤29.21	PASS
Ant 2	5260	TPC_L	91.8 ₉	0.37	-3.15	≤14.12	≤23.21	11.75	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	3.38	≤14.12	≤23.21	18.28	≤29.21	PASS
total	5260	TPC_L	---	---	0.26	≤14.12	≤23.21	16.04	≤24.00	PASS
		TPC_H	---	---	6.73	≤14.12	≤23.21	22.51	≤29.21	PASS
Ant 1	5280	TPC_L	91.8 ₉	0.37	-2.8	≤14.12	≤23.21	12.98	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	3.64	≤14.12	≤23.21	19.42	≤29.21	PASS
Ant 2	5280	TPC_L	90.5 ₄	0.43	-2.9	≤14.12	≤23.21	12.00	≤24.00	PASS
		TPC_H	90.5 ₄	0.43	3.64	≤14.12	≤23.21	18.54	≤29.21	PASS
total	5280	TPC_L	---	---	0.16	≤14.12	≤23.21	15.94	≤24.00	PASS
		TPC_H	---	---	6.65	≤14.12	≤23.21	22.43	≤29.21	PASS
Ant 1	5320	TPC_L	91.8 ₉	0.37	-2.47	≤14.12	≤23.21	13.31	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	4.03	≤14.12	≤23.21	19.81	≤29.21	PASS
Ant 2	5320	TPC_L	91.8 ₉	0.37	-2.79	≤14.12	≤23.21	12.11	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	3.72	≤14.12	≤23.21	18.62	≤29.21	PASS
total	5320	TPC_L	---	---	0.38	≤14.12	≤23.21	16.16	≤24.00	PASS
		TPC_H	---	---	6.89	≤14.12	≤23.21	22.67	≤29.21	PASS
Ant 1	5500	TPC_L	90.5 ₄	0.43	-1.58	≤14.12	≤23.21	14.2	≤24.00	PASS
		TPC_H	90.5 ₄	0.43	4.92	≤14.12	≤23.21	20.7	≤29.21	PASS
Ant 2	5500	TPC_L	90.5 ₄	0.43	-3.39	≤14.12	≤23.21	11.51	≤24.00	PASS
		TPC_H	90.5 ₄	0.43	3.2	≤14.12	≤23.21	18.1	≤29.21	PASS
total	5500	TPC_L	---	---	0.62	≤14.12	≤23.21	16.4	≤24.00	PASS
		TPC_H	---	---	7.15	≤14.12	≤23.21	22.93	≤29.21	PASS
Ant 1	5580	TPC_L	91.8 ₉	0.37	-2.37	≤14.12	≤23.21	13.41	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	4.14	≤14.12	≤23.21	19.92	≤29.21	PASS
Ant 2	5580	TPC_L	90.5 ₄	0.43	-2.69	≤14.12	≤23.21	12.21	≤24.00	PASS
		TPC_H	90.5 ₄	0.43	4.49	≤14.12	≤23.21	19.39	≤29.21	PASS
total	5580	TPC_L	---	---	0.48	≤14.12	≤23.21	16.26	≤24.00	PASS
		TPC_H	---	---	7.33	≤14.12	≤23.21	23.11	≤29.21	PASS
Ant 1	5700	TPC_L	91.8 ₉	0.37	-2.61	≤14.12	≤23.21	13.17	≤24.00	PASS
		TPC_H	91.8 ₉	0.37	4.11	≤14.12	≤23.21	19.89	≤29.21	PASS

11N40 MIMO	Ant 2	5700	TPC_L	91.8 9	0.37	-1.86	≤14.12	≤23.21	13.04	≤24.00	PASS
			TPC_H	91.8 9	0.37	4.54	≤14.12	≤23.21	19.44	≤29.21	PASS
	total	5700	TPC_L	---	---	0.79	≤14.12	≤23.21	16.57	≤24.00	PASS
			TPC_H	---	---	7.34	≤14.12	≤23.21	23.12	≤29.21	PASS
	Ant 1	5745	NA	91.8 9	0.37	16.04	≤20.22	≤20.22	31.82	---	PASS
	Ant 2	5745	NA	90.5 4	0.43	15.77	≤20.22	≤20.22	30.67	---	PASS
	total	5745	NA	---	---	18.92	≤20.22	≤20.22	34.7	---	PASS
	Ant 1	5785	NA	90.5 4	0.43	16.12	≤20.22	≤20.22	31.9	---	PASS
	Ant 2	5785	NA	90.5 4	0.43	15.31	≤20.22	≤20.22	30.21	---	PASS
	total	5785	NA	---	---	18.74	≤20.22	≤20.22	34.52	---	PASS
	Ant 1	5825	NA	90.5 4	0.43	16.02	≤20.22	≤20.22	31.8	---	PASS
	Ant 2	5825	NA	90.5 4	0.43	14.99	≤20.22	≤20.22	29.89	---	PASS
	total	5825	NA	---	---	18.55	≤20.22	≤20.22	34.33	---	PASS
	Ant 1	5190	NA	85	0.71	9.39	≤20.22	---	25.17	---	PASS
	Ant 2	5190	NA	85	0.71	8.68	≤20.22	---	23.58	---	PASS
	total	5190	NA	---	---	12.06	≤20.22	---	27.84	---	PASS
	Ant 1	5230	NA	85.3 7	0.69	9.11	≤20.22	---	24.89	---	PASS
	Ant 2	5230	NA	85.3 7	0.69	9.54	≤20.22	---	24.44	---	PASS
	total	5230	NA	---	---	12.34	≤20.22	---	28.12	---	PASS
	Ant 1	5270	TPC_L	85.3 7	0.69	-1.38	≤14.2	≤23.98	14.4	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.53	≤14.2	≤23.98	21.31	≤30.00	PASS
	Ant 2	5270	TPC_L	85.3 7	0.69	-1.31	≤14.2	≤23.98	13.59	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.5	≤14.2	≤23.98	20.4	≤30.00	PASS
	total	5270	TPC_L	---	---	1.67	≤14.2	≤23.98	17.45	≤24.00	PASS
			TPC_H	---	---	8.53	≤14.2	≤23.98	24.31	≤30.00	PASS
	Ant 1	5310	TPC_L	85.3 7	0.69	-1.03	≤14.2	≤23.98	14.75	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.86	≤14.2	≤23.98	21.64	≤30.00	PASS
	Ant 2	5310	TPC_L	85.3 7	0.69	-1.01	≤14.2	≤23.98	13.89	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.75	≤14.2	≤23.98	20.65	≤30.00	PASS
	total	5310	TPC_L	---	---	1.99	≤14.2	≤23.98	17.77	≤24.00	PASS
			TPC_H	---	---	8.82	≤14.2	≤23.98	24.6	≤30.00	PASS
	Ant 1	5510	TPC_L	85.3 7	0.69	-0.4	≤14.2	≤23.98	15.38	≤24.00	PASS
			TPC_H	85.3 7	0.69	6.57	≤14.2	≤23.98	22.35	≤30.00	PASS
	Ant 2	5510	TPC_L	85	0.71	-1.56	≤14.2	≤23.98	13.34	≤24.00	PASS
			TPC_H	85	0.71	5.66	≤14.2	≤23.98	20.56	≤30.00	PASS

			H								
	total	5510	TPC_L	---	---	2.07	≤14.2	≤23.98	17.85	≤24.00	PASS
			TPC_H	---	---	9.15	≤14.2	≤23.98	24.93	≤30.00	PASS
	Ant 1	5550	TPC_L	82.9 3	0.81	-0.11	≤14.2	≤23.98	15.67	≤24.00	PASS
			TPC_H	82.9 3	0.81	6.73	≤14.2	≤23.98	22.51	≤30.00	PASS
	Ant 2	5550	TPC_L	85.3 7	0.69	-1.39	≤14.2	≤23.98	13.51	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.81	≤14.2	≤23.98	20.71	≤30.00	PASS
	total	5550	TPC_L	---	---	2.31	≤14.2	≤23.98	18.09	≤24.00	PASS
			TPC_H	---	---	9.3	≤14.2	≤23.98	25.08	≤30.00	PASS
	Ant 1	5670	TPC_L	85.3 7	0.69	-1.52	≤14.2	≤23.98	14.26	≤24.00	PASS
			TPC_H	85.3 7	0.69	5.34	≤14.2	≤23.98	21.12	≤30.00	PASS
	Ant 2	5670	TPC_L	85.3 7	0.69	0.03	≤14.2	≤23.98	14.93	≤24.00	PASS
			TPC_H	85.3 7	0.69	6.97	≤14.2	≤23.98	21.87	≤30.00	PASS
	total	5670	TPC_L	---	---	2.33	≤14.2	≤23.98	18.11	≤24.00	PASS
			TPC_H	---	---	9.24	≤14.2	≤23.98	25.02	≤30.00	PASS
	Ant 1	5755	NA	85.3 7	0.69	16.39	≤20.22	≤20.22	32.17	---	PASS
	Ant 2	5755	NA	85	0.71	15.95	≤20.22	≤20.22	30.85	---	PASS
	total	5755	NA	---	---	19.19	≤20.22	≤20.22	34.97	---	PASS
	Ant 1	5795	NA	85	0.71	16.28	≤20.22	≤20.22	32.06	---	PASS
	Ant 2	5795	NA	82.9 3	0.81	15.56	≤20.22	≤20.22	30.46	---	PASS
	total	5795	NA	---	---	18.95	≤20.22	≤20.22	34.73	---	PASS
11AC2 0 MIMO	Ant 1	5180	NA	95.6 5	0.19	8.44	≤20.22	---	24.22	---	PASS
	Ant 2	5180	NA	95.6 5	0.19	7.85	≤20.22	---	22.75	---	PASS
	total	5180	NA	---	---	11.17	≤20.22	---	26.95	---	PASS
	Ant 1	5200	NA	95.6 5	0.19	8.66	≤20.22	---	24.44	---	PASS
	Ant 2	5200	NA	95.6 5	0.19	7.9	≤20.22	---	22.8	---	PASS
	total	5200	NA	---	---	11.31	≤20.22	---	27.09	---	PASS
	Ant 1	5240	NA	95.6 5	0.19	8.33	≤20.22	---	24.11	---	PASS
	Ant 2	5240	NA	95.6 5	0.19	8.65	≤20.22	---	23.55	---	PASS
	total	5240	NA	---	---	11.5	≤20.22	---	27.28	---	PASS
	Ant 1	5260	TPC_L	94.9 3	0.23	-2.99	≤14.12	≤23.21	12.79	≤24.00	PASS
			TPC_H	94.9 3	0.23	3.83	≤14.12	≤23.21	19.61	≤29.21	PASS
	Ant 2	5260	TPC_L	94.9 3	0.23	-3.78	≤14.12	≤23.21	11.12	≤24.00	PASS
			TPC_H	94.9 3	0.23	3.26	≤14.12	≤23.21	18.16	≤29.21	PASS
	total	5260	TPC_L	---	---	-0.36	≤14.12	≤23.21	15.42	≤24.00	PASS

		TPC_H	---	---	6.56	≤14.12	≤23.21	22.34	≤29.21	PASS
Ant 1	5280	TPC_L	94.9 3	0.23	-3.34	≤14.12	≤23.21	12.44	≤24.00	PASS
		TPC_H	94.9 3	0.23	3.41	≤14.12	≤23.21	19.19	≤29.21	PASS
Ant 2	5280	TPC_L	95.6 2	0.19	-3.62	≤14.12	≤23.21	11.28	≤24.00	PASS
		TPC_H	95.6 2	0.19	3.36	≤14.12	≤23.21	18.26	≤29.21	PASS
total	5280	TPC_L	---	---	-0.47	≤14.12	≤23.21	15.31	≤24.00	PASS
		TPC_H	---	---	6.4	≤14.12	≤23.21	22.18	≤29.21	PASS
Ant 1	5320	TPC_L	95.6 5	0.19	-3.04	≤14.12	≤23.21	12.74	≤24.00	PASS
		TPC_H	95.6 5	0.19	3.8	≤14.12	≤23.21	19.58	≤29.21	PASS
Ant 2	5320	TPC_L	95.6 2	0.19	-3.46	≤14.12	≤23.21	11.44	≤24.00	PASS
		TPC_H	95.6 2	0.19	3.44	≤14.12	≤23.21	18.34	≤29.21	PASS
total	5320	TPC_L	---	---	-0.23	≤14.12	≤23.21	15.55	≤24.00	PASS
		TPC_H	---	---	6.63	≤14.12	≤23.21	22.41	≤29.21	PASS
Ant 1	5500	TPC_L	94.9 3	0.23	-2.21	≤14.12	≤23.21	13.57	≤24.00	PASS
		TPC_H	94.9 3	0.23	4.56	≤14.12	≤23.21	20.34	≤29.21	PASS
Ant 2	5500	TPC_L	95.6 5	0.19	-4.05	≤14.12	≤23.21	10.85	≤24.00	PASS
		TPC_H	95.6 5	0.19	3.47	≤14.12	≤23.21	18.37	≤29.21	PASS
total	5500	TPC_L	---	---	-0.02	≤14.12	≤23.21	15.76	≤24.00	PASS
		TPC_H	---	---	7.06	≤14.12	≤23.21	22.84	≤29.21	PASS
Ant 1	5580	TPC_L	94.9 3	0.23	-2.94	≤14.12	≤23.21	12.84	≤24.00	PASS
		TPC_H	94.9 3	0.23	4.23	≤14.12	≤23.21	20.01	≤29.21	PASS
Ant 2	5580	TPC_L	95.6 5	0.19	-3.33	≤14.12	≤23.21	11.57	≤24.00	PASS
		TPC_H	95.6 5	0.19	4.12	≤14.12	≤23.21	19.02	≤29.21	PASS
total	5580	TPC_L	---	---	-0.12	≤14.12	≤23.21	15.66	≤24.00	PASS
		TPC_H	---	---	7.19	≤14.12	≤23.21	22.97	≤29.21	PASS
Ant 1	5700	TPC_L	95.6 2	0.19	-3.19	≤14.12	≤23.21	12.59	≤24.00	PASS
		TPC_H	95.6 2	0.19	4.06	≤14.12	≤23.21	19.84	≤29.21	PASS
Ant 2	5700	TPC_L	95.6 2	0.19	-2.51	≤14.12	≤23.21	12.39	≤24.00	PASS
		TPC_H	95.6 2	0.19	4.79	≤14.12	≤23.21	19.69	≤29.21	PASS
total	5700	TPC_L	---	---	0.17	≤14.12	≤23.21	15.95	≤24.00	PASS
		TPC_H	---	---	7.45	≤14.12	≤23.21	23.23	≤29.21	PASS
Ant 1	5745	NA	95.6 5	0.19	15.93	≤20.22	≤20.22	31.71	---	PASS
Ant 2	5745	NA	95.6 5	0.19	15.53	≤20.22	≤20.22	30.43	---	PASS

	total	5745	NA	---	---	18.74	≤20.22	≤20.22	34.52	---	PASS
	Ant 1	5785	NA	95.6 5	0.19	15.58	≤20.22	≤20.22	31.36	---	PASS
	Ant 2	5785	NA	95.6 5	0.19	14.76	≤20.22	≤20.22	29.66	---	PASS
	total	5785	NA	---	---	18.2	≤20.22	≤20.22	33.98	---	PASS
	Ant 1	5825	NA	95.6 5	0.19	15.42	≤20.22	≤20.22	31.2	---	PASS
	Ant 2	5825	NA	94.9 3	0.23	14.36	≤20.22	≤20.22	29.26	---	PASS
	total	5825	NA	---	---	17.93	≤20.22	≤20.22	33.71	---	PASS
11AC4 0 MIMO	Ant 1	5190	NA	91.6 7	0.38	9.02	≤20.22	---	24.8	---	PASS
	Ant 2	5190	NA	91.6 7	0.38	8.32	≤20.22	---	23.22	---	PASS
	total	5190	NA	---	---	11.69	≤20.22	---	27.47	---	PASS
	Ant 1	5230	NA	91.6 7	0.38	8.78	≤20.22	---	24.56	---	PASS
	Ant 2	5230	NA	91.6 7	0.38	9.21	≤20.22	---	24.11	---	PASS
	total	5230	NA	---	---	12.01	≤20.22	---	27.79	---	PASS
	Ant 1	5270	TPC_L	91.5 5	0.38	-0.77	≤14.2	≤23.98	15.01	≤24.00	PASS
			TPC_H	91.5 5	0.38	5.91	≤14.2	≤23.98	21.69	≤30.00	PASS
	Ant 2	5270	TPC_L	91.5 5	0.38	-1.3	≤14.2	≤23.98	13.6	≤24.00	PASS
			TPC_H	91.5 5	0.38	5.56	≤14.2	≤23.98	20.46	≤30.00	PASS
	total	5270	TPC_L	---	---	1.98	≤14.2	≤23.98	17.76	≤24.00	PASS
			TPC_H	---	---	8.75	≤14.2	≤23.98	24.53	≤30.00	PASS
	Ant 1	5310	TPC_L	91.6 7	0.38	-0.52	≤14.2	≤23.98	15.26	≤24.00	PASS
			TPC_H	91.6 7	0.38	6.3	≤14.2	≤23.98	22.08	≤30.00	PASS
	Ant 2	5310	TPC_L	91.5 5	0.38	-1.05	≤14.2	≤23.98	13.85	≤24.00	PASS
			TPC_H	91.5 5	0.38	5.8	≤14.2	≤23.98	20.7	≤30.00	PASS
	total	5310	TPC_L	---	---	2.23	≤14.2	≤23.98	18.01	≤24.00	PASS
			TPC_H	---	---	9.07	≤14.2	≤23.98	24.85	≤30.00	PASS
	Ant 1	5510	TPC_L	91.5 5	0.38	0.09	≤14.2	≤23.98	15.87	≤24.00	PASS
			TPC_H	91.5 5	0.38	6.86	≤14.2	≤23.98	22.64	≤30.00	PASS
	Ant 2	5510	TPC_L	91.5 5	0.38	-1.59	≤14.2	≤23.98	13.31	≤24.00	PASS
			TPC_H	91.5 5	0.38	5.42	≤14.2	≤23.98	20.32	≤30.00	PASS
	total	5510	TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
			TPC_H	---	---	9.21	≤14.2	≤23.98	24.99	≤30.00	PASS
	Ant 1	5550	TPC_L	91.6 7	0.38	-0.23	≤14.2	≤23.98	15.55	≤24.00	PASS
			TPC_H	91.6 7	0.38	6.56	≤14.2	≤23.98	22.34	≤30.00	PASS
	Ant 2	5550	TPC_L	91.6 7	0.38	-1.39	≤14.2	≤23.98	13.51	≤24.00	PASS

11AC80 MIMO	total	5550	TPC_H	91.67	0.38	5.66	≤14.2	≤23.98	20.56	≤30.00	PASS
			TPC_L	---	---	2.24	≤14.2	≤23.98	18.02	≤24.00	PASS
	Ant 1	5670	TPC_H	---	---	9.14	≤14.2	≤23.98	24.92	≤30.00	PASS
			TPC_L	91.55	0.38	-1.51	≤14.2	≤23.98	14.27	≤24.00	PASS
	Ant 2	5670	TPC_H	91.55	0.38	5.3	≤14.2	≤23.98	21.08	≤30.00	PASS
			TPC_L	91.67	0.38	0.04	≤14.2	≤23.98	14.94	≤24.00	PASS
	total	5670	TPC_H	91.67	0.38	6.98	≤14.2	≤23.98	21.88	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 1	5755	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 2	5755	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	total	5755	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 1	5795	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 2	5795	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	total	5795	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 1	5210	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 2	5210	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	total	5210	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 1	5290	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	Ant 2	5290	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS
	total	5290	TPC_H	---	---	9.23	≤14.2	≤23.98	25.01	≤30.00	PASS
			TPC_L	---	---	2.34	≤14.2	≤23.98	18.12	≤24.00	PASS

	total	5610	TPC_L	---	---	-0.43	≤14.2	≤23.98	15.35	≤24.00	PASS
			TPC_H	---	---	6.86	≤14.2	≤23.98	22.64	≤30.00	PASS
	Ant 1	5775	NA	84.21	0.75	15.42	≤20.22	≤20.22	31.2	---	PASS
	Ant 2	5775	NA	84.21	0.75	14.77	≤20.22	≤20.22	29.67	---	PASS
	total	5775	NA	---	---	18.12	≤20.22	≤20.22	33.9	---	PASS

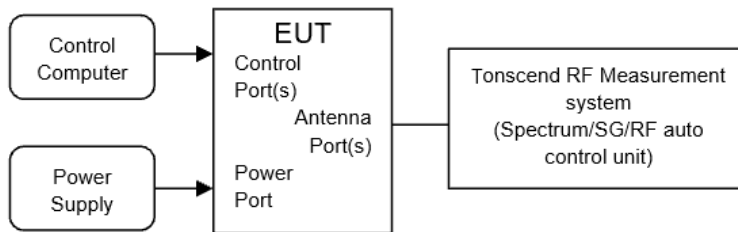
IC UNII-1:

Test Mode	Ant.	Freq [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	EIRP [dBm]	ISED EIRP Limit [dBm]	Verdict
11A-CDD	Ant1	5180	95.89	0.18	-2.43	13.35	≤22.21	PASS
	Ant2	5180	95.89	0.18	-3.57	11.33	≤22.21	PASS
	total	5180	---	---	0.05	15.83	≤22.21	PASS
	Ant1	5200	95.89	0.18	-2.23	13.55	≤22.21	PASS
	Ant2	5200	95.89	0.18	-3.2	11.7	≤22.21	PASS
	total	5200	---	---	0.32	16.1	≤22.21	PASS
	Ant1	5240	95.89	0.18	-1.57	14.21	≤22.21	PASS
	Ant2	5240	95.21	0.21	-3.65	11.25	≤22.21	PASS
	total	5240	---	---	0.52	16.3	≤22.21	PASS
11N20MIMO	Ant1	5180	91.89	0.37	-2.47	13.31	≤22.21	PASS
	Ant2	5180	90.54	0.43	-3.41	11.49	≤22.21	PASS
	total	5180	---	---	0.1	15.88	≤22.21	PASS
	Ant1	5200	90.54	0.43	-2.49	13.29	≤22.21	PASS
	Ant2	5200	90.54	0.43	-3.42	11.48	≤22.21	PASS
	total	5200	---	---	0.08	15.86	≤22.21	PASS
	Ant1	5240	90.54	0.43	-1.72	14.06	≤22.21	PASS
	Ant2	5240	90.54	0.43	-3.79	11.11	≤22.21	PASS
	total	5240	---	---	0.38	16.16	≤22.21	PASS
11N40MIMO	Ant1	5190	85	0.71	1.02	16.8	≤23.01	PASS
	Ant2	5190	85	0.71	0.08	14.98	≤23.01	PASS
	total	5190	---	---	3.59	19.37	≤23.01	PASS
	Ant1	5230	85.37	0.69	1.83	17.61	≤23.01	PASS
	Ant2	5230	85.37	0.69	-0.38	14.52	≤23.01	PASS
	total	5230	---	---	3.87	19.65	≤23.01	PASS
11AC20MIMO	Ant1	5180	94.93	0.23	-2.66	13.12	≤22.21	PASS
	Ant2	5180	95.65	0.19	-3.73	11.17	≤22.21	PASS
	total	5180	---	---	-0.15	15.63	≤22.21	PASS
	Ant1	5200	95.65	0.19	-2.31	13.47	≤22.21	PASS
	Ant2	5200	95.65	0.19	-3.25	11.65	≤22.21	PASS
	total	5200	---	---	0.26	16.04	≤22.21	PASS
	Ant1	5240	95.65	0.19	-1.52	14.26	≤22.21	PASS
	Ant2	5240	95.65	0.19	-3.63	11.27	≤22.21	PASS
	total	5240	---	---	0.56	16.34	≤22.21	PASS
11AC40MIMO	Ant1	5190	91.55	0.38	1.21	16.99	≤23.01	PASS
	Ant2	5190	91.67	0.38	0.3	15.2	≤23.01	PASS
	total	5190	---	---	3.79	19.57	≤23.01	PASS
	Ant1	5230	91.55	0.38	2.05	17.83	≤23.01	PASS

11AC80MIMO	Ant2	5230	91.55	0.38	-0.15	14.75	≤23.01	PASS
	total	5230	---	---	4.1	19.88	≤23.01	PASS
	Ant1	5210	84.21	0.75	1.35	17.13	≤23.01	PASS
	Ant2	5210	84.21	0.75	0.56	15.46	≤23.01	PASS
	total	5210	---	---	3.98	19.76	≤23.01	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 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:	25.3-26.9℃,36.7-42.8%RH	Test Date:	2025/07/10-2025/10/14
Test Power Supply:	AC 120V	Sample Number:	S25062706-001

FCC UNII-1/ UNII-2A/UNII-2C/UNII-3and IC band UNII-2A/UNII-2C/UNII-3:

Test Mode	Antenna	Freq. [MHz]	Result [dBm/MHz]	FCC Limit [dBm/MHz]	IC Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-1.56	≤7.22	---	PASS
	Ant2	5180	-2.40	≤7.22	---	PASS
	total	5180	1.05	≤7.22	---	PASS
	Ant1	5200	-1.46	≤7.22	---	PASS
	Ant2	5200	-2.24	≤7.22	---	PASS
	total	5200	1.18	≤7.22	---	PASS
	Ant1	5240	-1.91	≤7.22	---	PASS
	Ant2	5240	-1.43	≤7.22	---	PASS
	total	5240	1.35	≤7.22	---	PASS
	Ant1	5260	-7.08	≤1.22	≤11.00	PASS
	Ant2	5260	-7.76	≤1.22	≤11.00	PASS
	total	5260	-4.40	≤1.22	≤11.00	PASS
	Ant1	5280	-6.71	≤1.22	≤11.00	PASS
	Ant2	5280	-6.75	≤1.22	≤11.00	PASS
	total	5280	-3.72	≤1.22	≤11.00	PASS
	Ant1	5320	-5.66	≤1.22	≤11.00	PASS
	Ant2	5320	-6.11	≤1.22	≤11.00	PASS
	total	5320	-2.87	≤1.22	≤11.00	PASS
	Ant1	5500	-5.27	≤1.22	≤11.00	PASS
	Ant2	5500	-6.84	≤1.22	≤11.00	PASS
	total	5500	-2.97	≤1.22	≤11.00	PASS
	Ant1	5580	-6.49	≤1.22	≤11.00	PASS
	Ant2	5580	-6.82	≤1.22	≤11.00	PASS
	total	5580	-3.64	≤1.22	≤11.00	PASS
	Ant1	5700	-6.19	≤1.22	≤11.00	PASS
	Ant2	5700	-5.46	≤1.22	≤11.00	PASS
	total	5700	-2.80	≤1.22	≤11.00	PASS
	Ant1	5745	2.74	≤20.22	≤30.00	PASS
	Ant2	5745	2.48	≤20.22	≤30.00	PASS
	total	5745	5.62	≤20.22	≤30.00	PASS
	Ant1	5785	2.49	≤20.22	≤30.00	PASS
	Ant2	5785	1.74	≤20.22	≤30.00	PASS
	total	5785	5.14	≤20.22	≤30.00	PASS
	Ant1	5825	1.53	≤20.22	≤30.00	PASS
	Ant2	5825	0.87	≤20.22	≤30.00	PASS
	total	5825	4.22	≤20.22	≤30.00	PASS
11N20MIMO	Ant1	5180	-2.08	≤7.22	---	PASS
	Ant2	5180	-2.75	≤7.22	---	PASS
	total	5180	0.61	≤7.22	---	PASS
	Ant1	5200	-1.78	≤7.22	---	PASS
	Ant2	5200	-2.49	≤7.22	---	PASS
	total	5200	0.89	≤7.22	---	PASS
	Ant1	5240	-2.30	≤7.22	---	PASS
	Ant2	5240	-1.72	≤7.22	---	PASS
	total	5240	1.01	≤7.22	---	PASS
	Ant1	5260	-7.40	≤1.22	≤11.00	PASS
	Ant2	5260	-7.76	≤1.22	≤11.00	PASS
	total	5260	-4.57	≤1.22	≤11.00	PASS
	Ant1	5280	-7.33	≤1.22	≤11.00	PASS
	Ant2	5280	-7.29	≤1.22	≤11.00	PASS
	total	5280	-4.30	≤1.22	≤11.00	PASS
	Ant1	5320	-6.41	≤1.22	≤11.00	PASS
	Ant2	5320	-6.62	≤1.22	≤11.00	PASS
	total	5320	-3.50	≤1.22	≤11.00	PASS

	Ant1	5500	-5.35	≤1.22	≤11.00	PASS
	Ant2	5500	-6.70	≤1.22	≤11.00	PASS
	total	5500	-2.96	≤1.22	≤11.00	PASS
	Ant1	5580	-6.39	≤1.22	≤11.00	PASS
	Ant2	5580	-6.52	≤1.22	≤11.00	PASS
	total	5580	-3.44	≤1.22	≤11.00	PASS
	Ant1	5700	-6.80	≤1.22	≤11.00	PASS
	Ant2	5700	-6.25	≤1.22	≤11.00	PASS
	total	5700	-3.51	≤1.22	≤11.00	PASS
	Ant1	5745	2.47	≤20.22	≤30.00	PASS
	Ant2	5745	2.37	≤20.22	≤30.00	PASS
	total	5745	5.43	≤20.22	≤30.00	PASS
	Ant1	5785	2.34	≤20.22	≤30.00	PASS
	Ant2	5785	1.80	≤20.22	≤30.00	PASS
	total	5785	5.09	≤20.22	≤30.00	PASS
	Ant1	5825	1.83	≤20.22	≤30.00	PASS
	Ant2	5825	0.95	≤20.22	≤30.00	PASS
	total	5825	4.42	≤20.22	≤30.00	PASS
11N40MIMO	Ant1	5190	-4.38	≤7.22	---	PASS
	Ant2	5190	-5.05	≤7.22	---	PASS
	total	5190	-1.69	≤7.22	---	PASS
	Ant1	5230	-4.92	≤7.22	---	PASS
	Ant2	5230	-4.26	≤7.22	---	PASS
	total	5230	-1.57	≤7.22	---	PASS
	Ant1	5270	-8.31	≤1.22	≤11.00	PASS
	Ant2	5270	-8.54	≤1.22	≤11.00	PASS
	total	5270	-5.41	≤1.22	≤11.00	PASS
	Ant1	5310	-7.70	≤1.22	≤11.00	PASS
	Ant2	5310	-7.54	≤1.22	≤11.00	PASS
	total	5310	-4.61	≤1.22	≤11.00	PASS
	Ant1	5510	-6.63	≤1.22	≤11.00	PASS
	Ant2	5510	-7.63	≤1.22	≤11.00	PASS
	total	5510	-4.09	≤1.22	≤11.00	PASS
	Ant1	5550	-6.41	≤1.22	≤11.00	PASS
	Ant2	5550	-7.25	≤1.22	≤11.00	PASS
	total	5550	-3.80	≤1.22	≤11.00	PASS
	Ant1	5670	-9.13	≤1.22	≤11.00	PASS
	Ant2	5670	-7.52	≤1.22	≤11.00	PASS
	total	5670	-5.24	≤1.22	≤11.00	PASS
	Ant1	5755	-0.67	≤20.22	≤30.00	PASS
	Ant2	5755	-0.95	≤20.22	≤30.00	PASS
	total	5755	2.20	≤20.22	≤30.00	PASS
11AC20MIMO	Ant1	5795	-0.47	≤20.22	≤30.00	PASS
	Ant2	5795	-1.01	≤20.22	≤30.00	PASS
	total	5795	2.28	≤20.22	≤30.00	PASS
	Ant1	5180	-2.43	≤7.22	---	PASS
	Ant2	5180	-2.91	≤7.22	---	PASS
	total	5180	0.35	≤7.22	---	PASS
	Ant1	5200	-2.16	≤7.22	---	PASS
	Ant2	5200	-2.77	≤7.22	---	PASS
	total	5200	0.56	≤7.22	---	PASS
	Ant1	5240	-2.45	≤7.22	---	PASS
	Ant2	5240	-2.00	≤7.22	---	PASS
	total	5240	0.79	≤7.22	---	PASS
	Ant1	5260	-7.55	≤1.22	≤11.00	PASS
	Ant2	5260	-7.86	≤1.22	≤11.00	PASS
	total	5260	-4.69	≤1.22	≤11.00	PASS
	Ant1	5280	-7.46	≤1.22	≤11.00	PASS
	Ant2	5280	-7.58	≤1.22	≤11.00	PASS
	total	5280	-4.51	≤1.22	≤11.00	PASS
	Ant1	5320	-6.65	≤1.22	≤11.00	PASS
	Ant2	5320	-6.92	≤1.22	≤11.00	PASS
	total	5320	-3.77	≤1.22	≤11.00	PASS
	Ant1	5500	-5.11	≤1.22	≤11.00	PASS

	Ant2	5500	-6.59	≤1.22	≤11.00	PASS
	total	5500	-2.78	≤1.22	≤11.00	PASS
	Ant1	5580	-6.67	≤1.22	≤11.00	PASS
	Ant2	5580	-6.73	≤1.22	≤11.00	PASS
	total	5580	-3.69	≤1.22	≤11.00	PASS
	Ant1	5700	-6.24	≤1.22	≤11.00	PASS
	Ant2	5700	-5.57	≤1.22	≤11.00	PASS
	total	5700	-2.88	≤1.22	≤11.00	PASS
	Ant1	5745	2.38	≤20.22	≤30.00	PASS
	Ant2	5745	2.01	≤20.22	≤30.00	PASS
	total	5745	5.21	≤20.22	≤30.00	PASS
	Ant1	5785	1.78	≤20.22	≤30.00	PASS
	Ant2	5785	1.22	≤20.22	≤30.00	PASS
	total	5785	4.52	≤20.22	≤30.00	PASS
	Ant1	5825	1.30	≤20.22	≤30.00	PASS
	Ant2	5825	0.35	≤20.22	≤30.00	PASS
	total	5825	3.86	≤20.22	≤30.00	PASS
11AC40MIMO	Ant1	5190	-4.78	≤7.22	---	PASS
	Ant2	5190	-5.37	≤7.22	---	PASS
	total	5190	-2.05	≤7.22	---	PASS
	Ant1	5230	-5.25	≤7.22	---	PASS
	Ant2	5230	-4.57	≤7.22	---	PASS
	total	5230	-1.89	≤7.22	---	PASS
	Ant1	5270	-8.49	≤1.22	≤11.00	PASS
	Ant2	5270	-8.69	≤1.22	≤11.00	PASS
	total	5270	-5.58	≤1.22	≤11.00	PASS
	Ant1	5310	-6.94	≤1.22	≤11.00	PASS
	Ant2	5310	-7.33	≤1.22	≤11.00	PASS
	total	5310	-4.12	≤1.22	≤11.00	PASS
	Ant1	5510	-6.42	≤1.22	≤11.00	PASS
	Ant2	5510	-7.70	≤1.22	≤11.00	PASS
	total	5510	-4.00	≤1.22	≤11.00	PASS
	Ant1	5550	-6.56	≤1.22	≤11.00	PASS
	Ant2	5550	-7.28	≤1.22	≤11.00	PASS
	total	5550	-3.89	≤1.22	≤11.00	PASS
	Ant1	5670	-9.06	≤1.22	≤11.00	PASS
	Ant2	5670	-7.37	≤1.22	≤11.00	PASS
	total	5670	-5.12	≤1.22	≤11.00	PASS
	Ant1	5755	-0.86	≤20.22	≤30.00	PASS
	Ant2	5755	-1.13	≤20.22	≤30.00	PASS
	total	5755	2.02	≤20.22	≤30.00	PASS
	Ant1	5795	-0.71	≤20.22	≤30.00	PASS
	Ant2	5795	-1.55	≤20.22	≤30.00	PASS
	total	5795	1.90	≤20.22	≤30.00	PASS
11AC80MIMO	Ant1	5210	-8.95	≤7.22	---	PASS
	Ant2	5210	-5.72	≤7.22	---	PASS
	total	5210	-4.03	≤7.22	---	PASS
	Ant1	5290	-13.98	≤1.22	≤11.00	PASS
	Ant2	5290	-13.98	≤1.22	≤11.00	PASS
	total	5290	-10.97	≤1.22	≤11.00	PASS
	Ant1	5530	-12.66	≤1.22	≤11.00	PASS
	Ant2	5530	-13.57	≤1.22	≤11.00	PASS
	total	5530	-10.08	≤1.22	≤11.00	PASS
	Ant1	5610	-12.92	≤1.22	≤11.00	PASS
	Ant2	5610	-12.41	≤1.22	≤11.00	PASS
	total	5610	-9.65	≤1.22	≤11.00	PASS
	Ant1	5775	-4.78	≤20.22	≤30.00	PASS
	Ant2	5775	-5.50	≤20.22	≤30.00	PASS
	total	5775	-2.11	≤20.22	≤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.

IC UNII-1:

Test Mode	Antenna	Freq. [MHz]	Result [dBm/MHz]	EIRP [dBm/MHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-12.26	3.52	≤10.00	PASS
	Ant2	5180	-13.24	1.66	≤10.00	PASS
	total	5180	-9.71	6.07	≤10.00	PASS
	Ant1	5200	-12.74	3.04	≤10.00	PASS
	Ant2	5200	-13.51	1.39	≤10.00	PASS
	total	5200	-10.10	5.68	≤10.00	PASS
	Ant1	5240	-12.37	3.41	≤10.00	PASS
	Ant2	5240	-14.24	0.66	≤10.00	PASS
	total	5240	-10.19	5.59	≤10.00	PASS
11N20MIMO	Ant1	5180	-12.40	3.38	≤10.00	PASS
	Ant2	5180	-13.08	1.82	≤10.00	PASS
	total	5180	-9.72	6.06	≤10.00	PASS
	Ant1	5200	-13.06	2.72	≤10.00	PASS
	Ant2	5200	-13.78	1.12	≤10.00	PASS
	total	5200	-10.39	5.39	≤10.00	PASS
	Ant1	5240	-12.62	3.16	≤10.00	PASS
	Ant2	5240	-14.51	0.39	≤10.00	PASS
	total	5240	-10.45	5.33	≤10.00	PASS
11N40MIMO	Ant1	5190	-12.38	3.4	≤10.00	PASS
	Ant2	5190	-13.19	1.71	≤10.00	PASS
	total	5190	-9.76	6.02	≤10.00	PASS
	Ant1	5230	-11.22	4.56	≤10.00	PASS
	Ant2	5230	-13.36	1.54	≤10.00	PASS
	total	5230	-9.15	6.63	≤10.00	PASS
11AC20MIMO	Ant1	5180	-12.48	3.3	≤10.00	PASS
	Ant2	5180	-13.40	1.5	≤10.00	PASS
	total	5180	-9.91	5.87	≤10.00	PASS
	Ant1	5200	-12.93	2.85	≤10.00	PASS
	Ant2	5200	-13.74	1.16	≤10.00	PASS
	total	5200	-10.31	5.47	≤10.00	PASS
	Ant1	5240	-12.49	3.29	≤10.00	PASS
	Ant2	5240	-14.45	0.45	≤10.00	PASS
	total	5240	-10.35	5.43	≤10.00	PASS
11AC40MIMO	Ant1	5190	-12.38	3.4	≤10.00	PASS
	Ant2	5190	-13.05	1.85	≤10.00	PASS
	total	5190	-9.69	6.09	≤10.00	PASS
	Ant1	5230	-11.17	4.61	≤10.00	PASS
	Ant2	5230	-13.33	1.57	≤10.00	PASS
	total	5230	-9.11	6.67	≤10.00	PASS
11AC80MIMO	Ant1	5210	-14.94	0.84	≤10.00	PASS
	Ant2	5210	-15.75	-0.85	≤10.00	PASS
	total	5210	-12.32	3.46	≤10.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

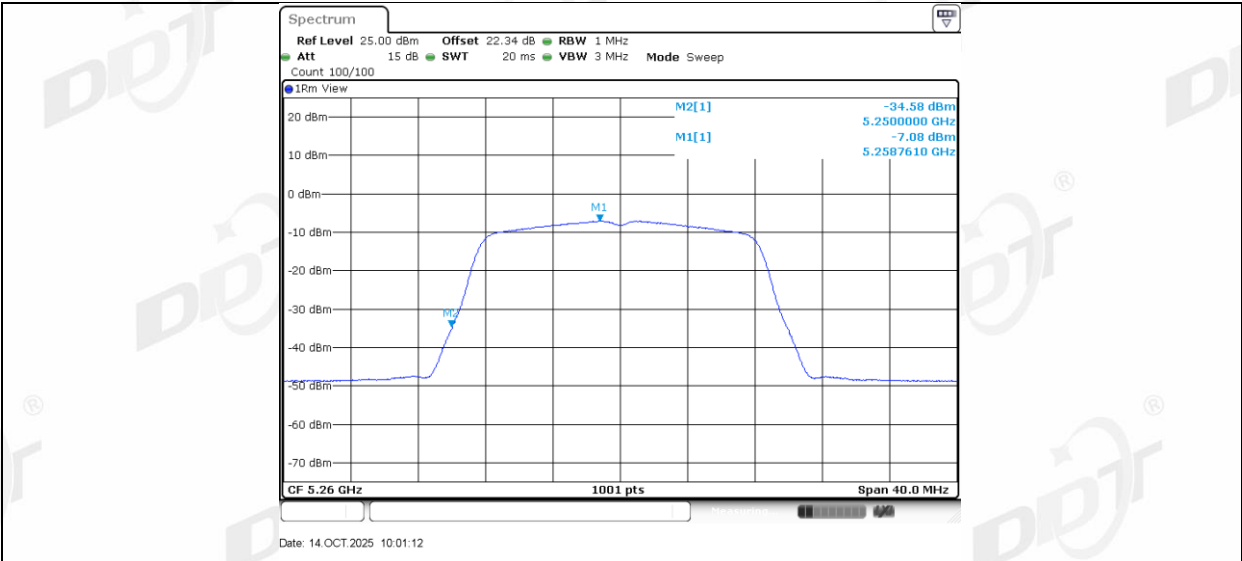
Test Mode	Antenna	Freq. [MHz]	5250MHz Result [dBm/MHz]	EIRP [dBm/MHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5260	-34.58	-18.80	≤10.00	PASS
	Ant2	5260	-35.40	-20.50	≤10.00	PASS
	total	5260	-31.96	-16.18	≤10.00	PASS
11N20MIMO	Ant1	5260	-30.08	-14.30	≤10.00	PASS
	Ant2	5260	-29.50	-14.60	≤10.00	PASS
	total	5260	-26.77	-10.99	≤10.00	PASS
11N40MIMO	Ant1	5270	-37.25	-21.47	≤10.00	PASS
	Ant2	5270	-36.38	-21.48	≤10.00	PASS
	total	5270	-33.78	-18.00	≤10.00	PASS
11AC20MIMO	Ant1	5260	-29.29	-13.51	≤10.00	PASS
	Ant2	5260	-29.79	-14.89	≤10.00	PASS
	total	5260	-26.52	-10.74	≤10.00	PASS
11AC40MIMO	Ant1	5270	-36.46	-20.68	≤10.00	PASS
	Ant2	5270	-37.07	-22.17	≤10.00	PASS
	total	5270	-33.74	-17.96	≤10.00	PASS
11AC80MIMO	Ant1	5290	-42.69	-26.91	≤10.00	PASS
	Ant2	5290	-43.18	-28.28	≤10.00	PASS
	total	5290	-39.92	-24.14	≤10.00	PASS

9.5. Test graphs

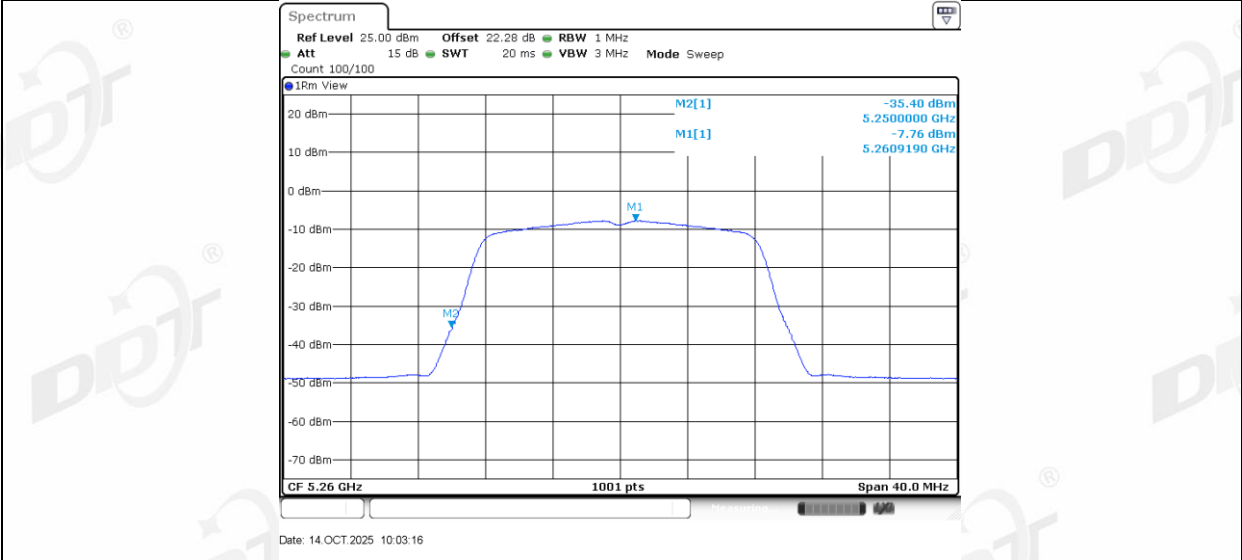
FCC UNII-1/ UNII-2A/UNII-2C/UNII-3and IC band UNII-2A/UNII-2C/UNII-3:



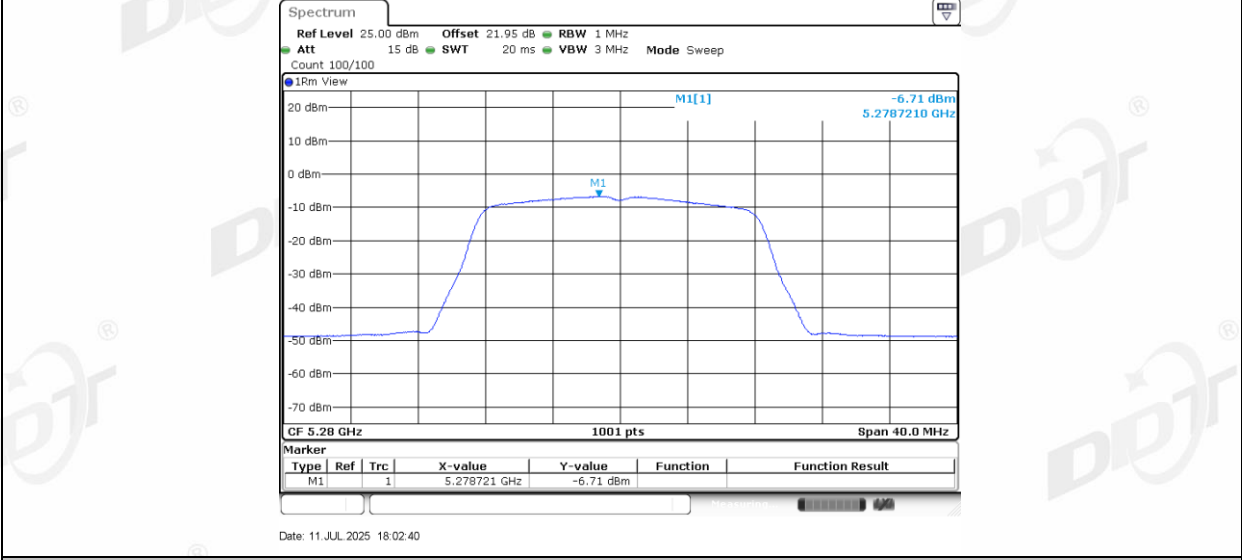




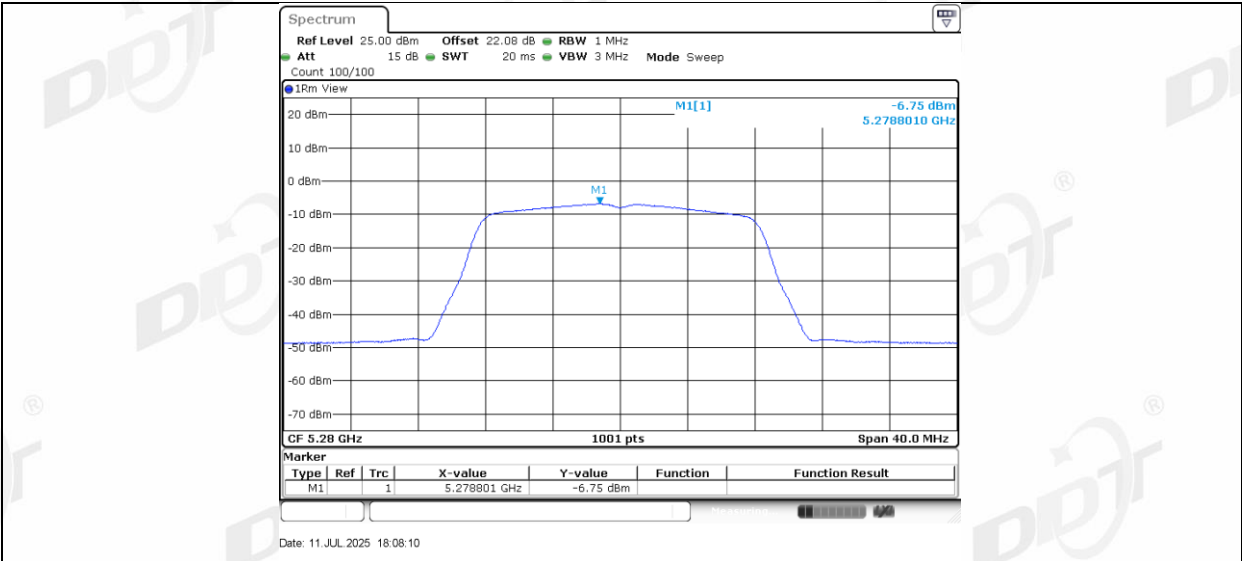
11A-CDD_Ant2_5260



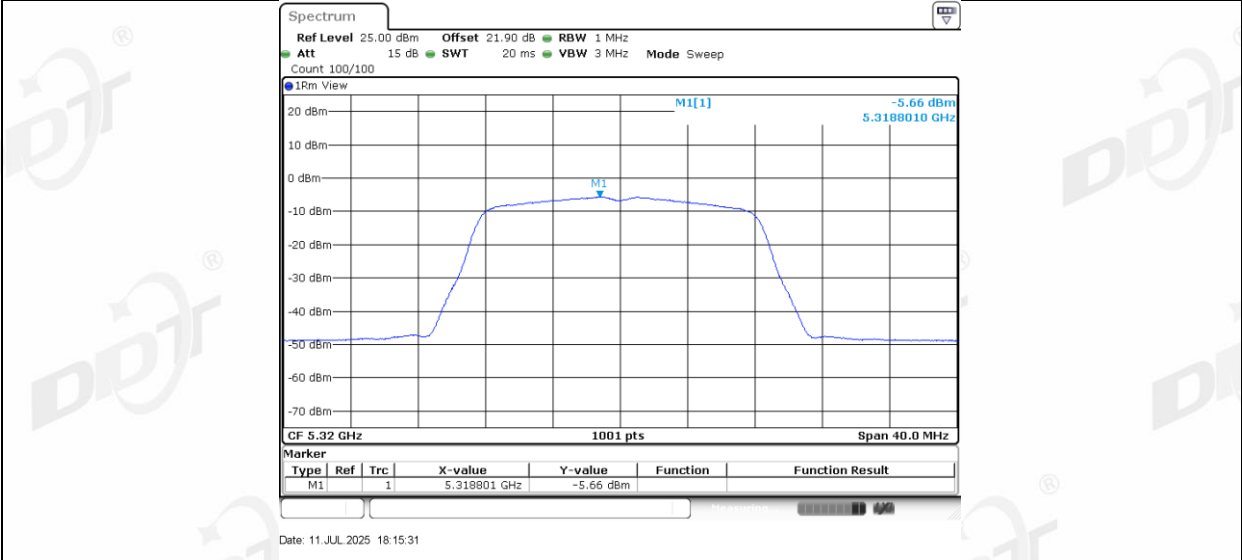
11A-CDD_Ant1_5280



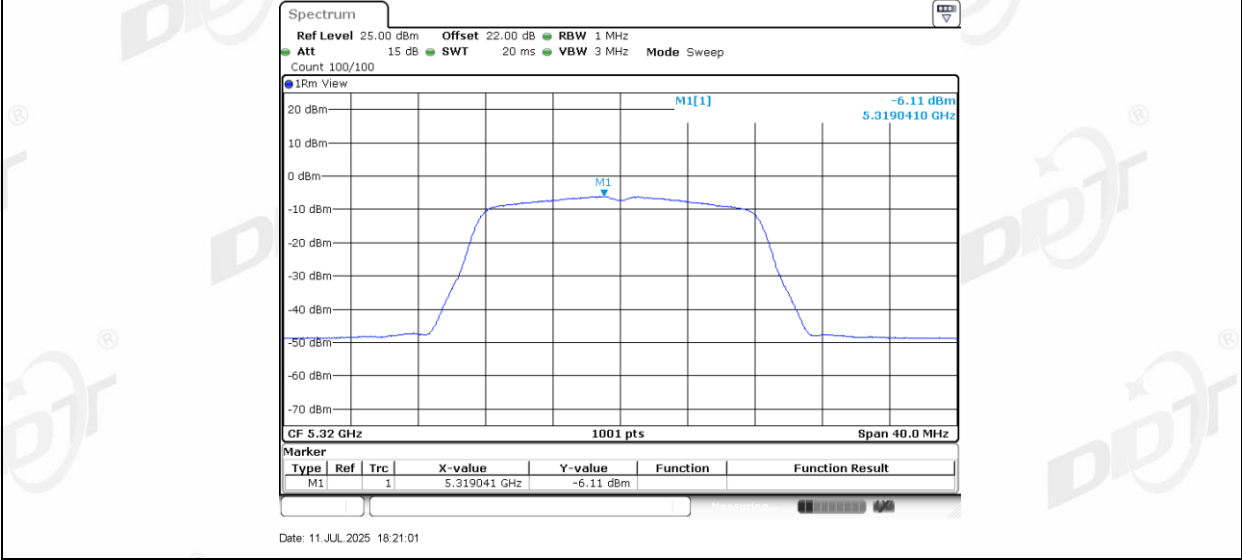
11A-CDD_Ant2_5280



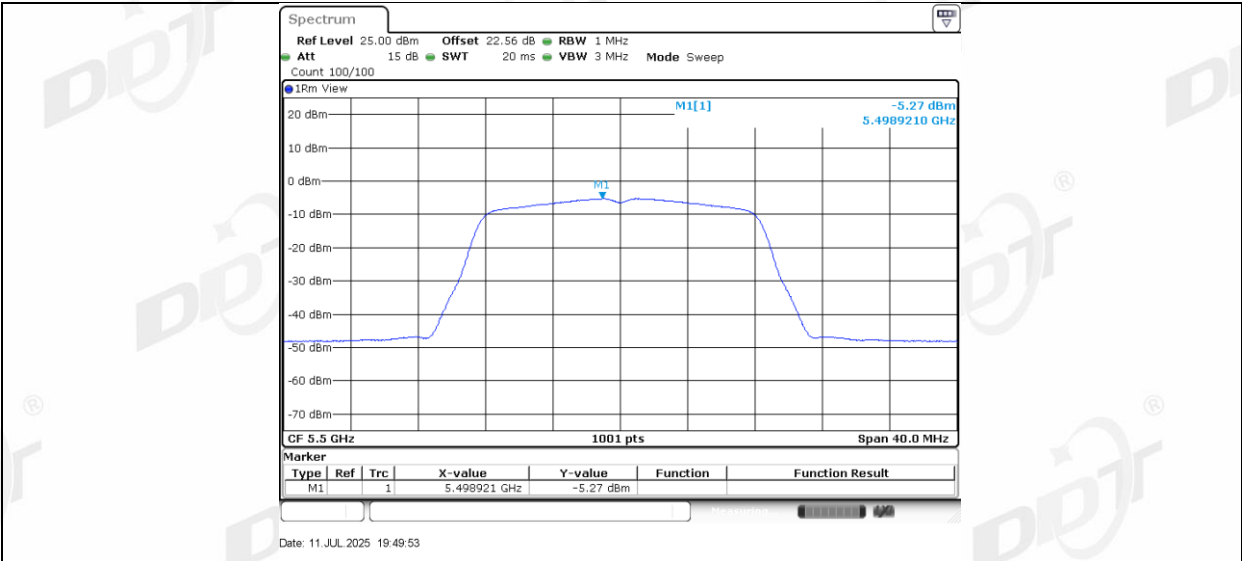
11A-CDD_Ant1_5320



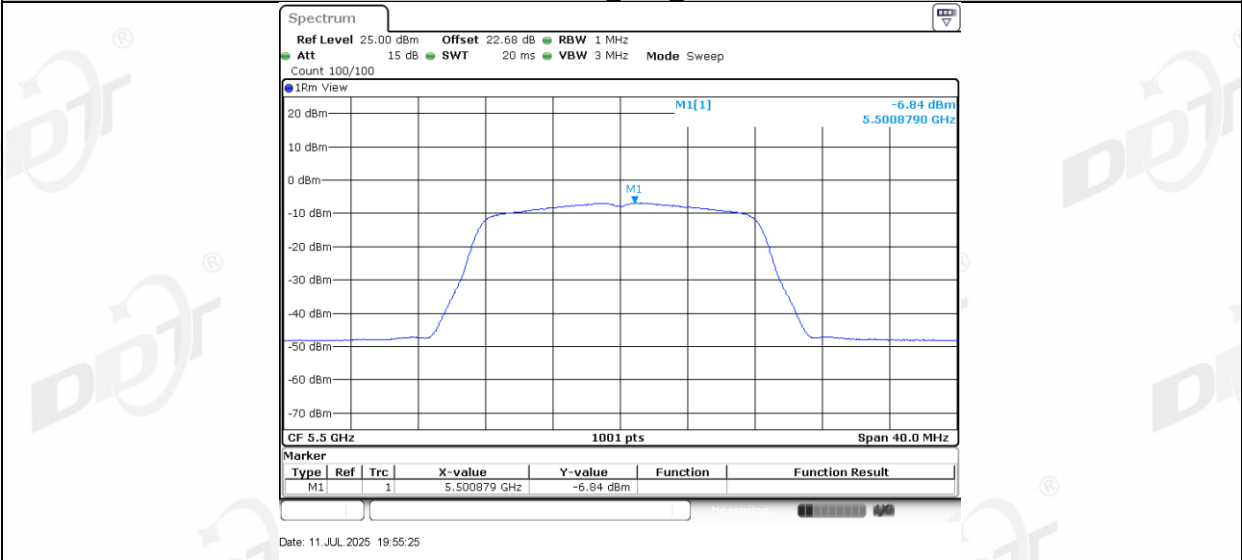
11A-CDD_Ant2_5320



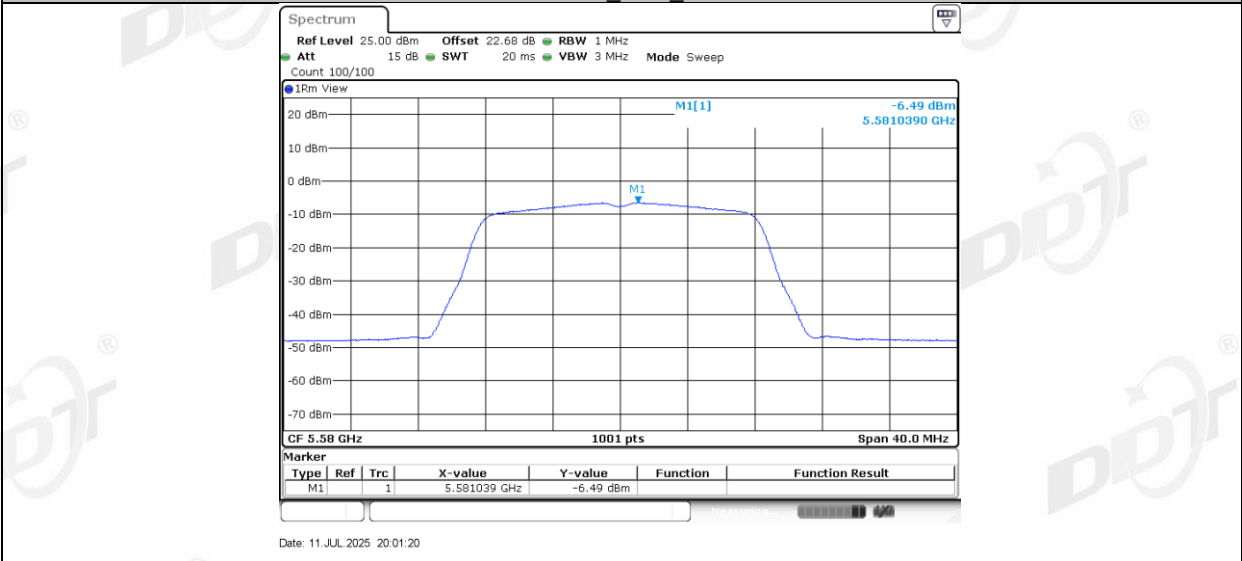
11A-CDD_Ant1_5500



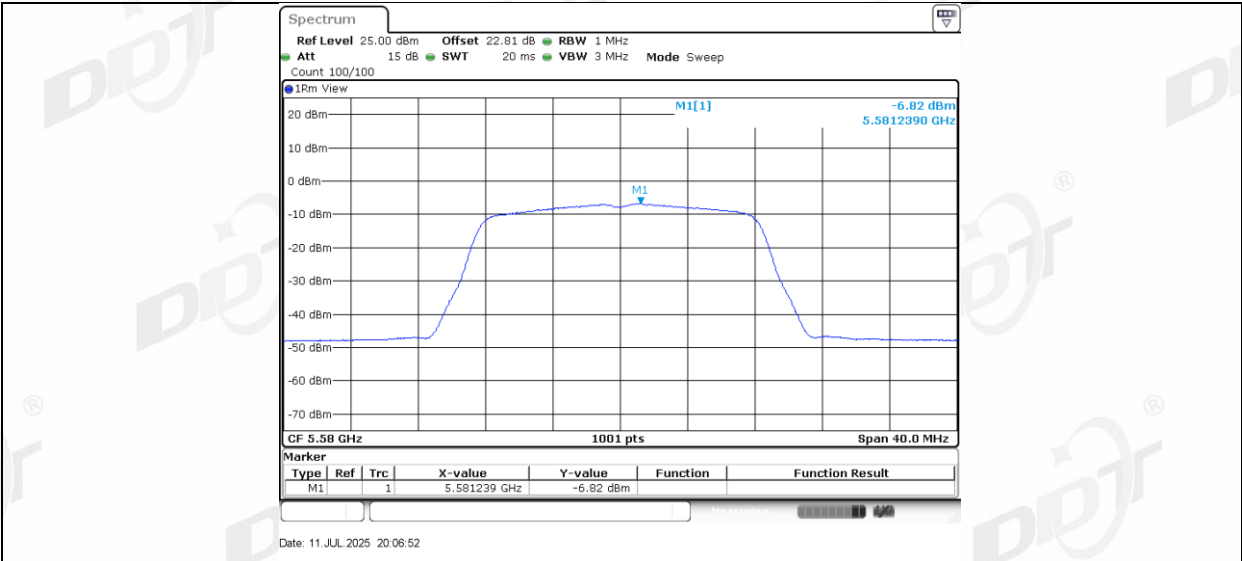
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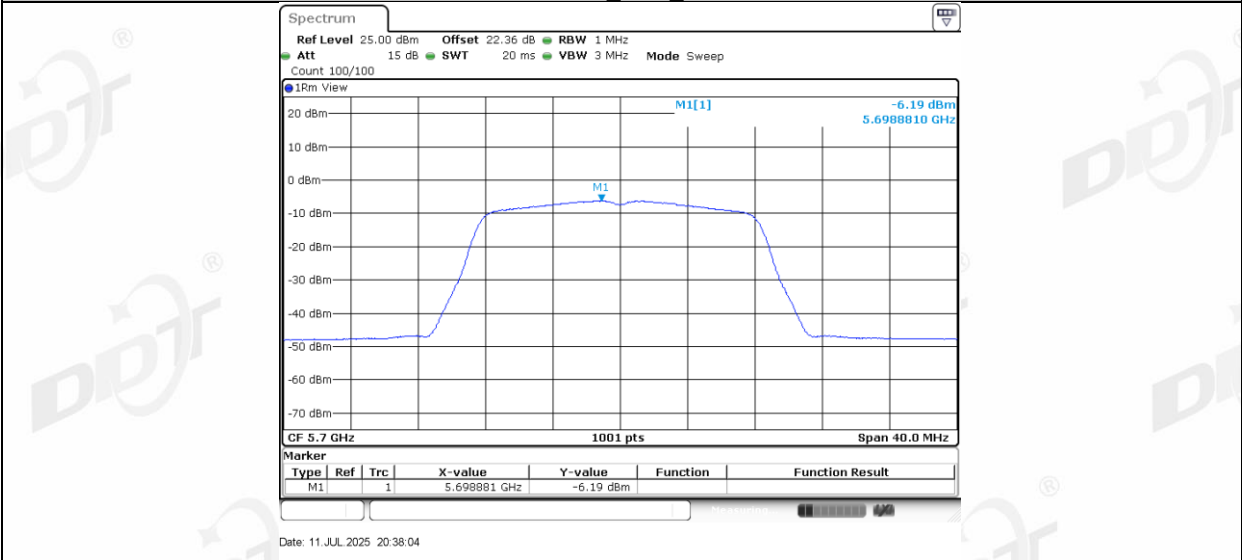
11A-CDD_Ant1_5580



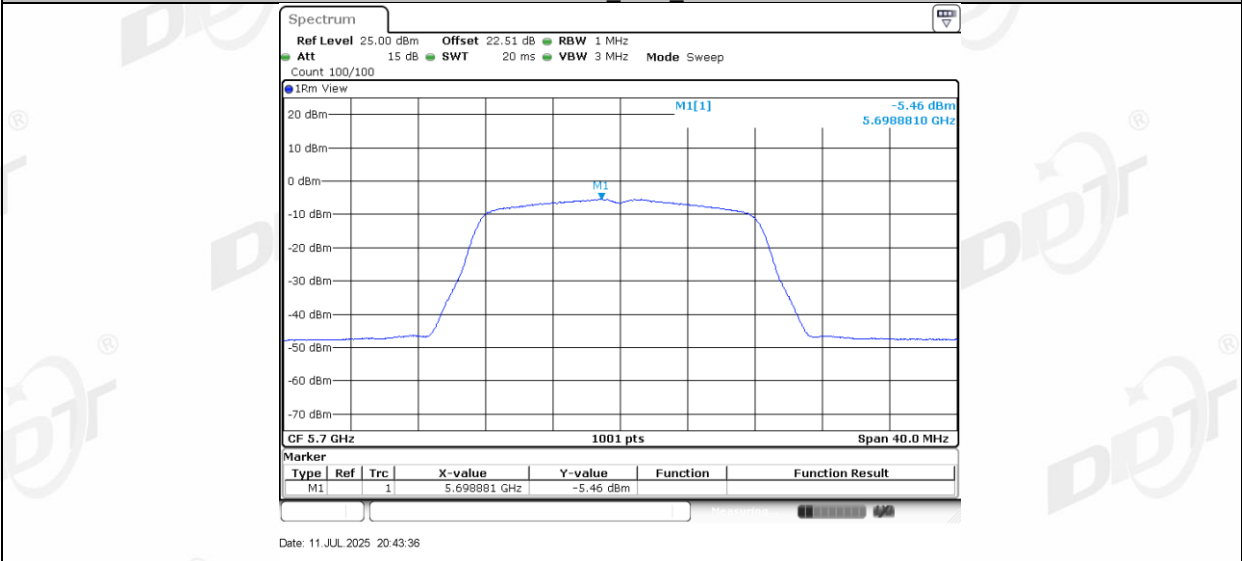
11A-CDD_Ant2_5580



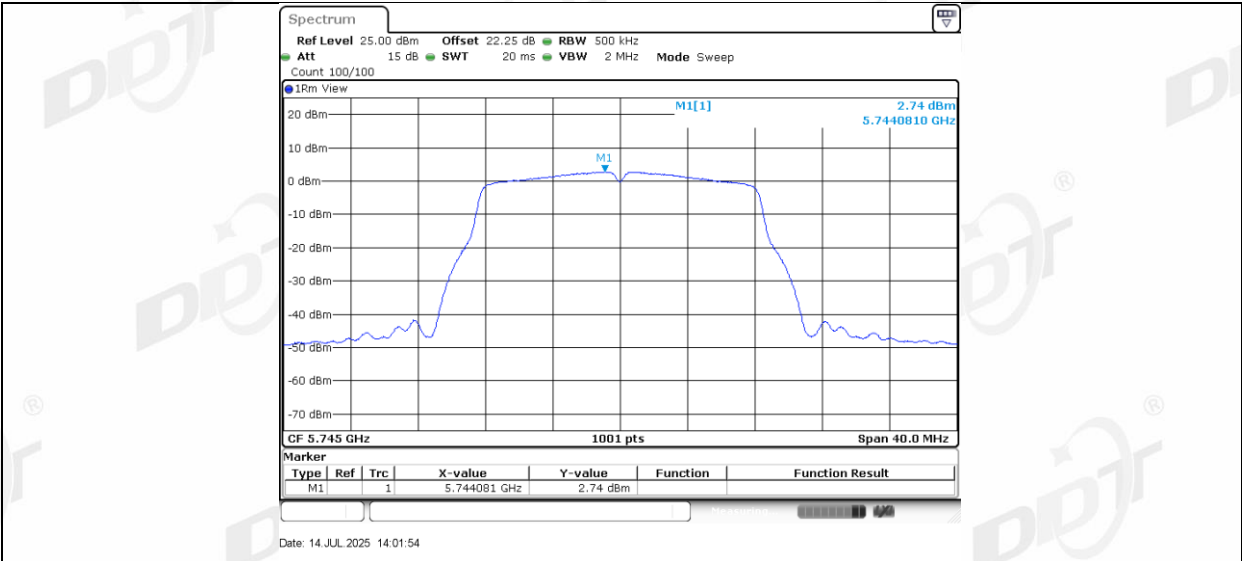
11A-CDD_Ant1_5700



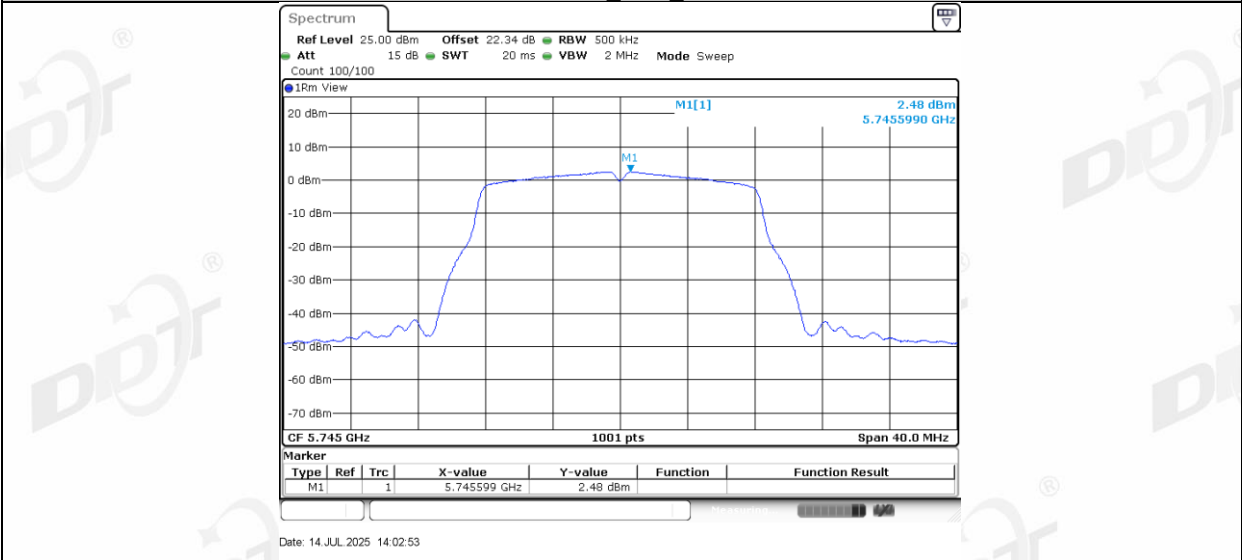
11A-CDD_Ant2_5700



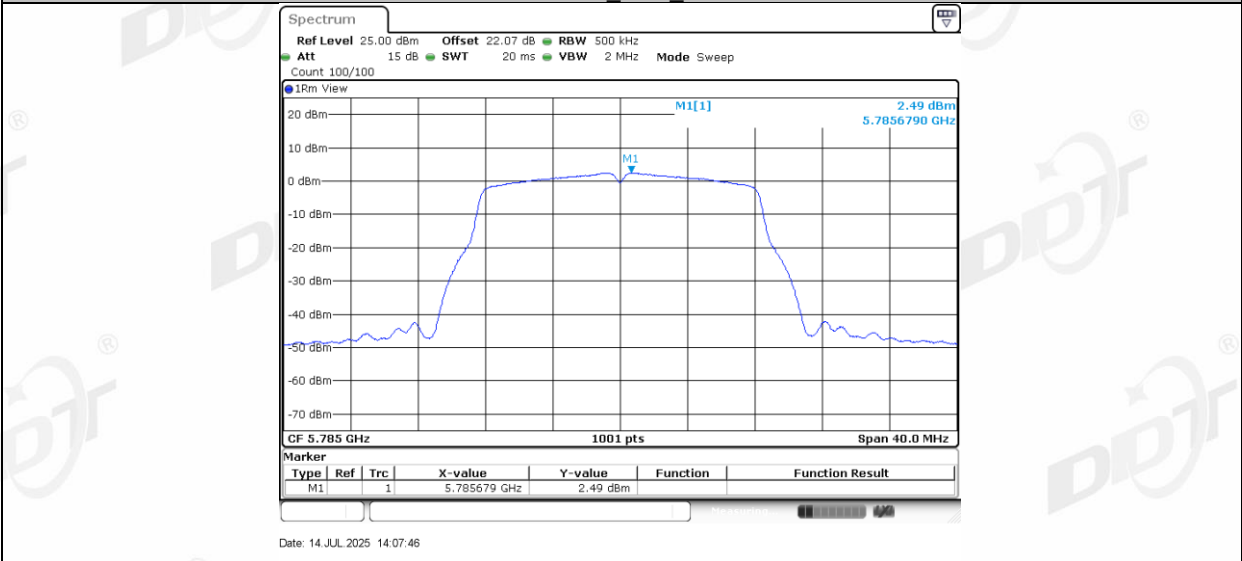
11A-CDD_Ant1_5745



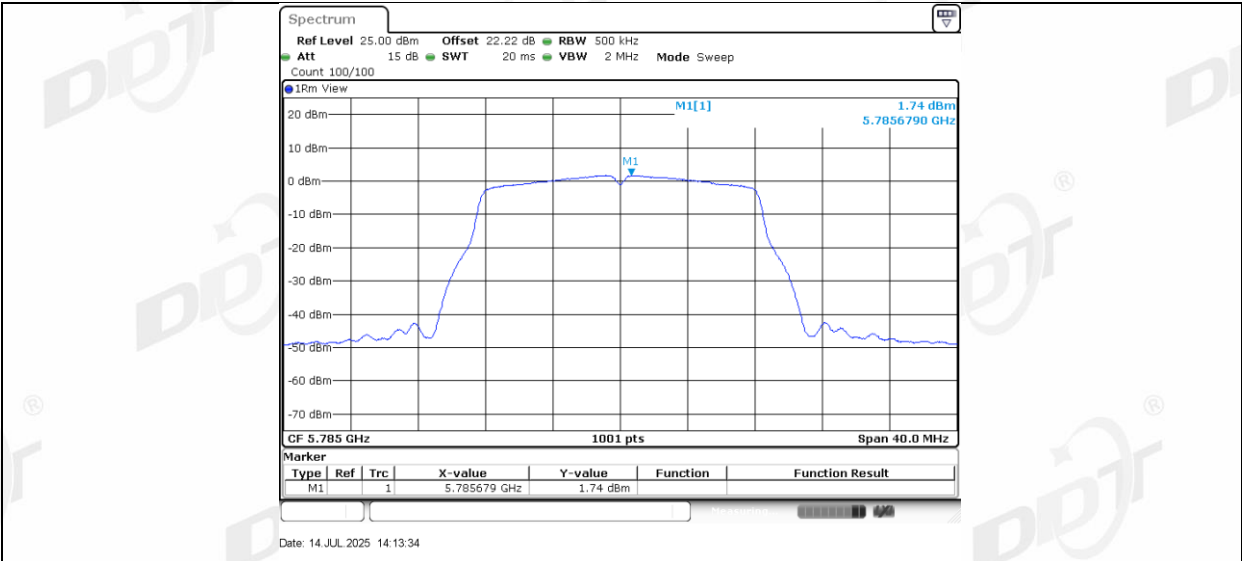
11A-CDD_Ant2_5745



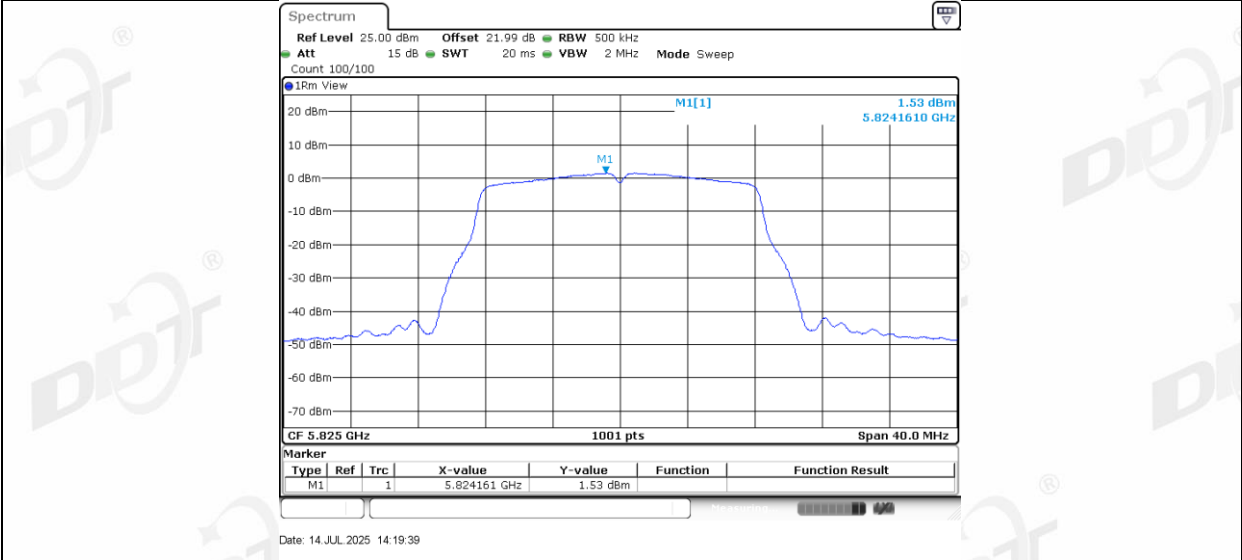
11A-CDD_Ant1_5785



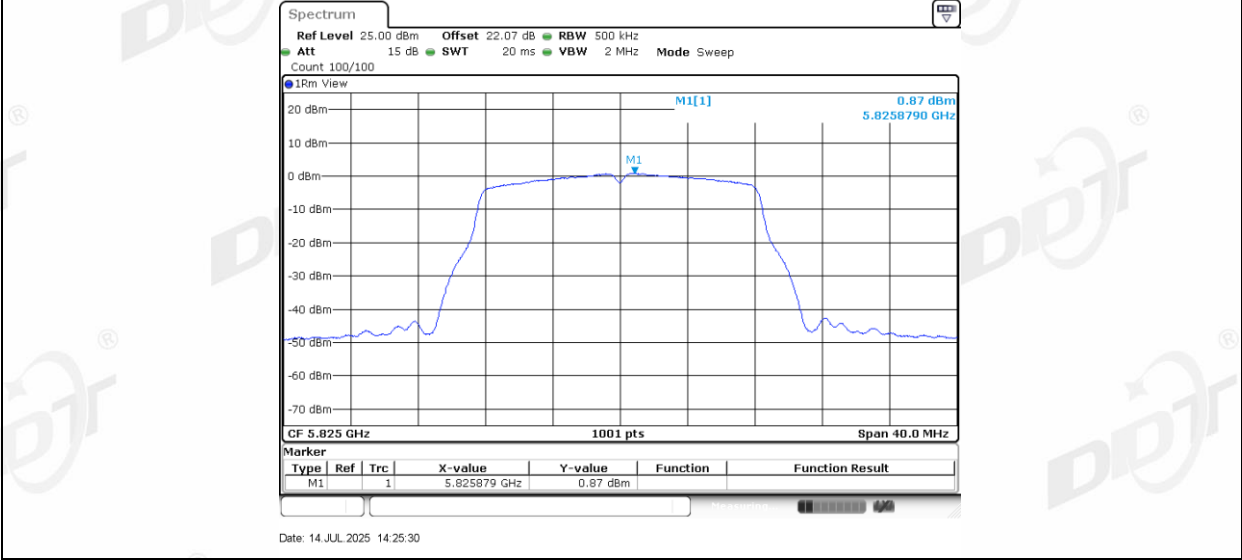
11A-CDD_Ant2_5785



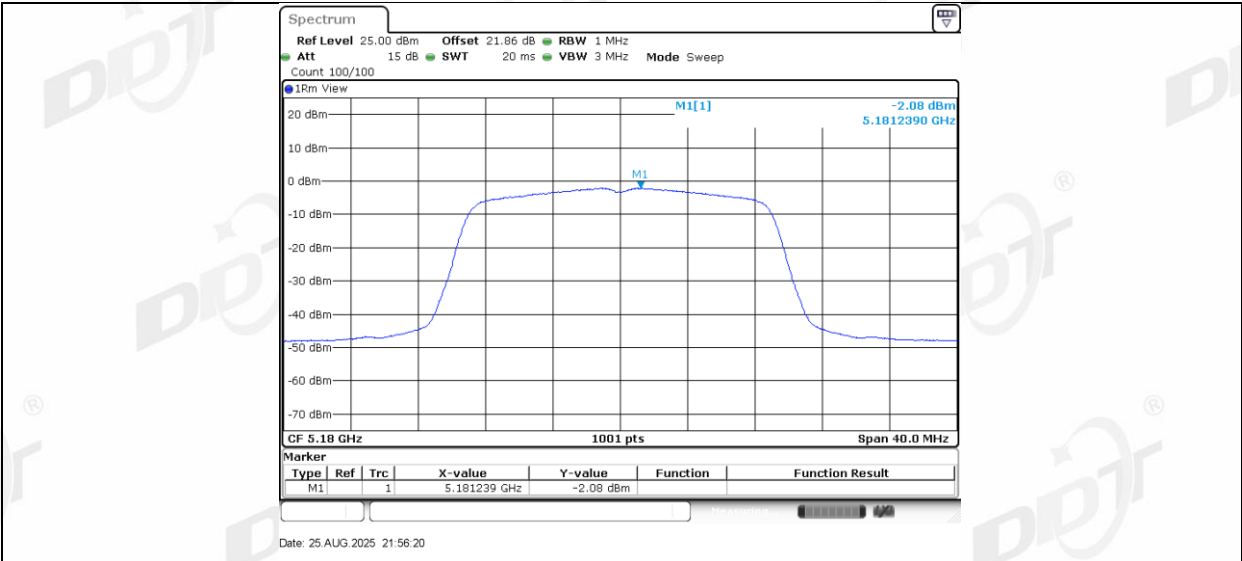
11A-CDD_Ant1_5825



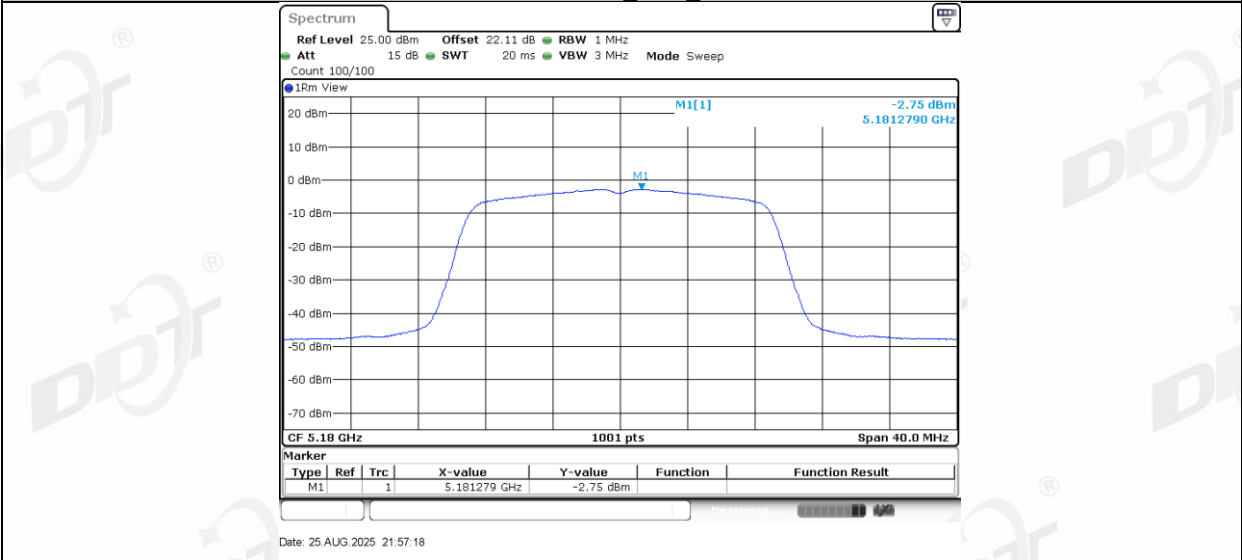
11A-CDD_Ant2_5825



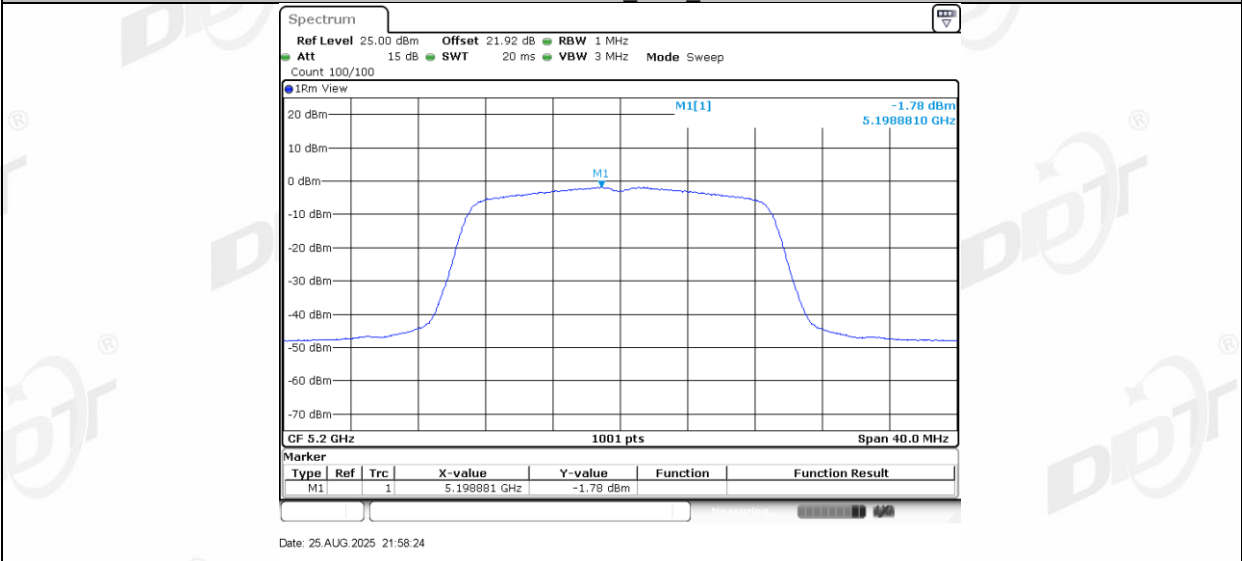
11N20MIMO_Ant1_5180



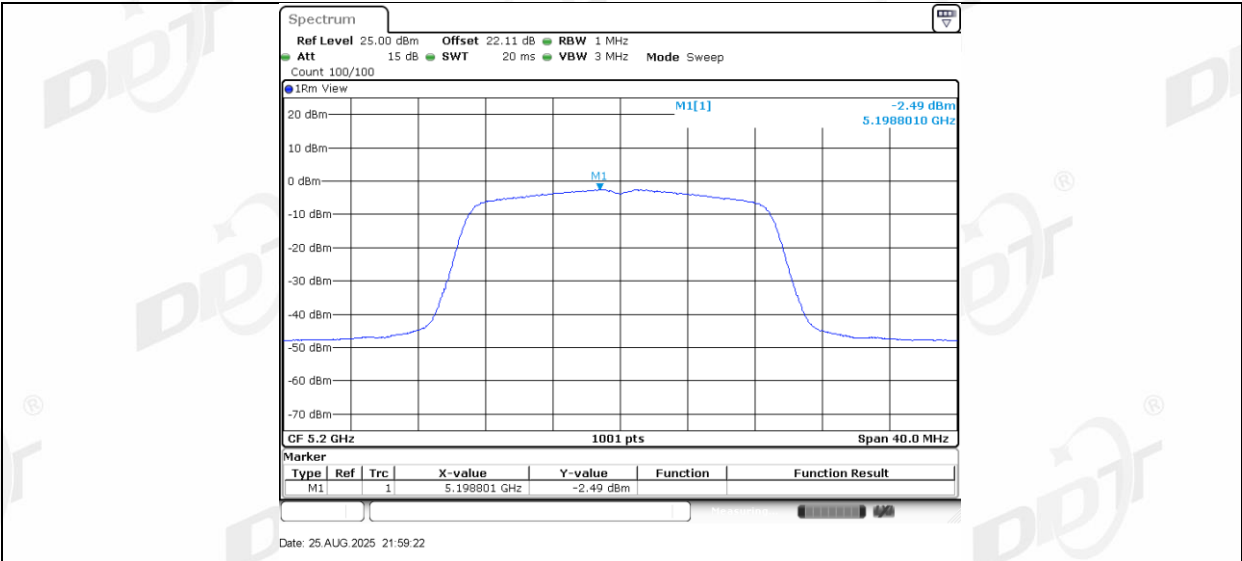
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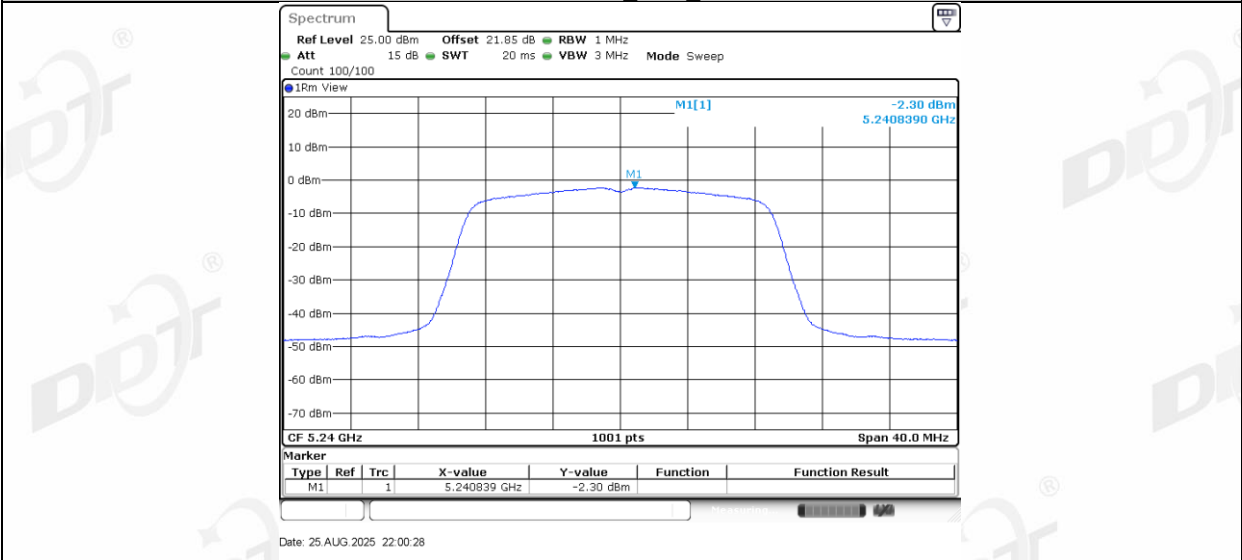
11N20MIMO_Ant1_5200



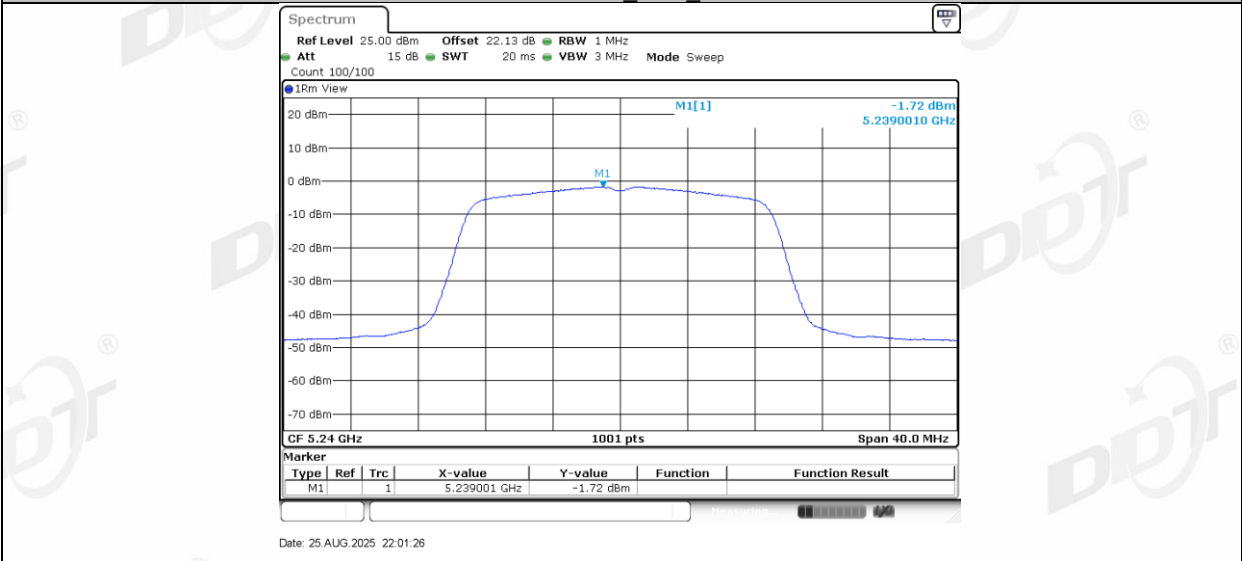
11N20MIMO_Ant2_5200



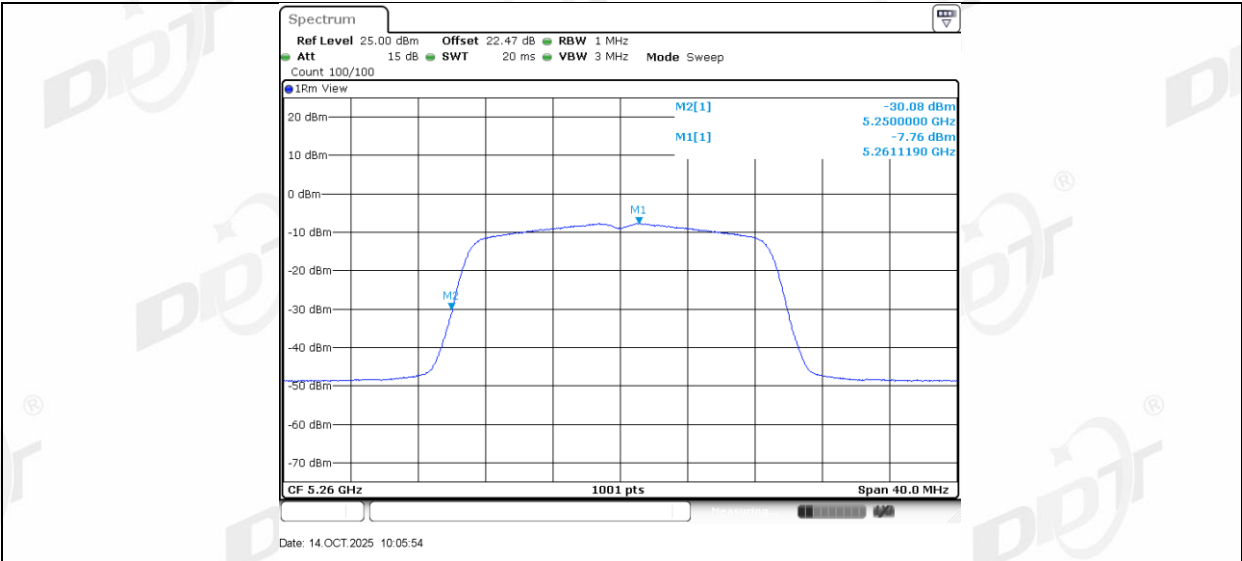
11N20MIMO_Ant1_5240



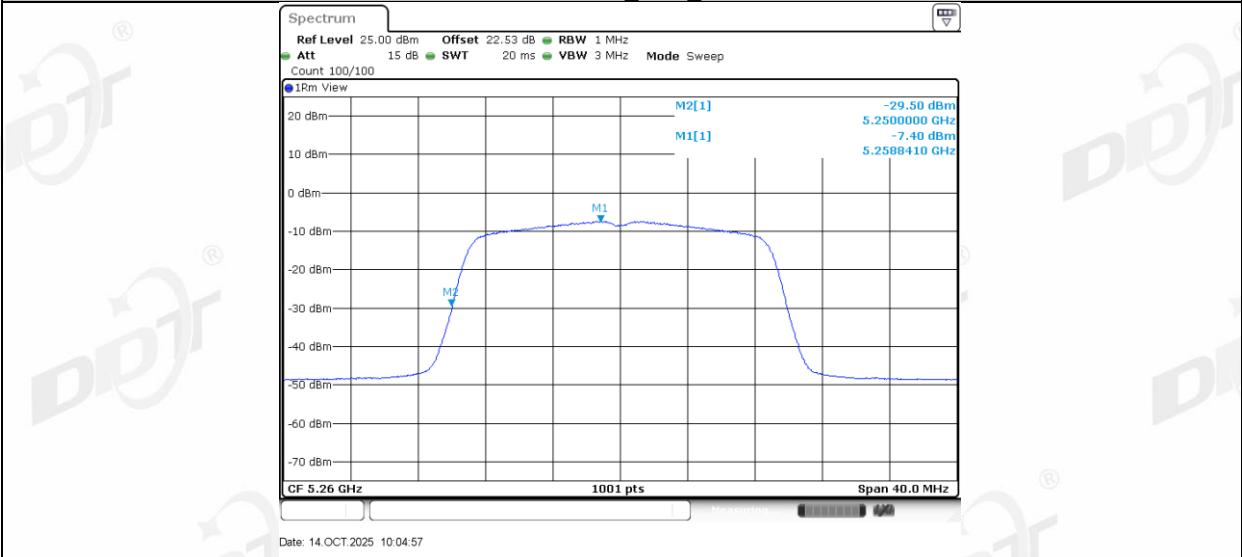
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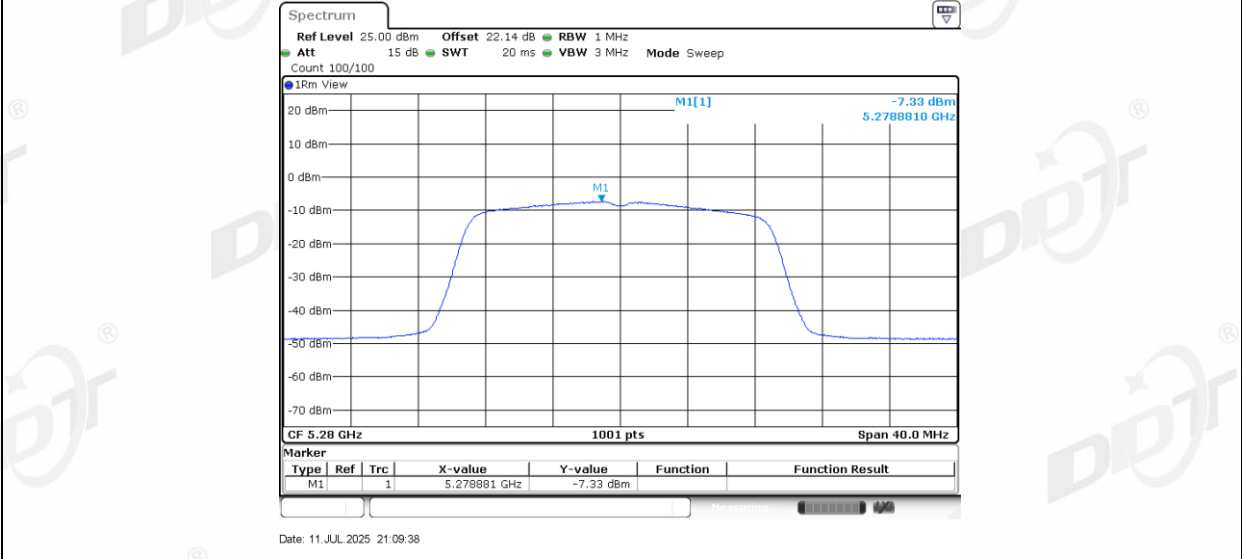
11N20MIMO_Ant1_5260



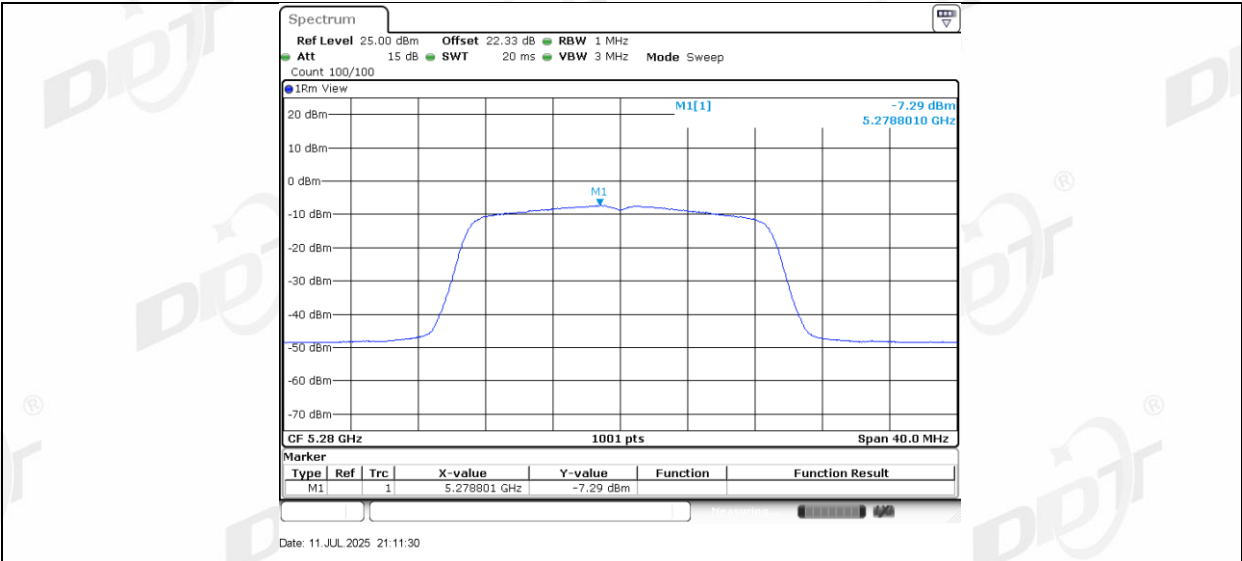
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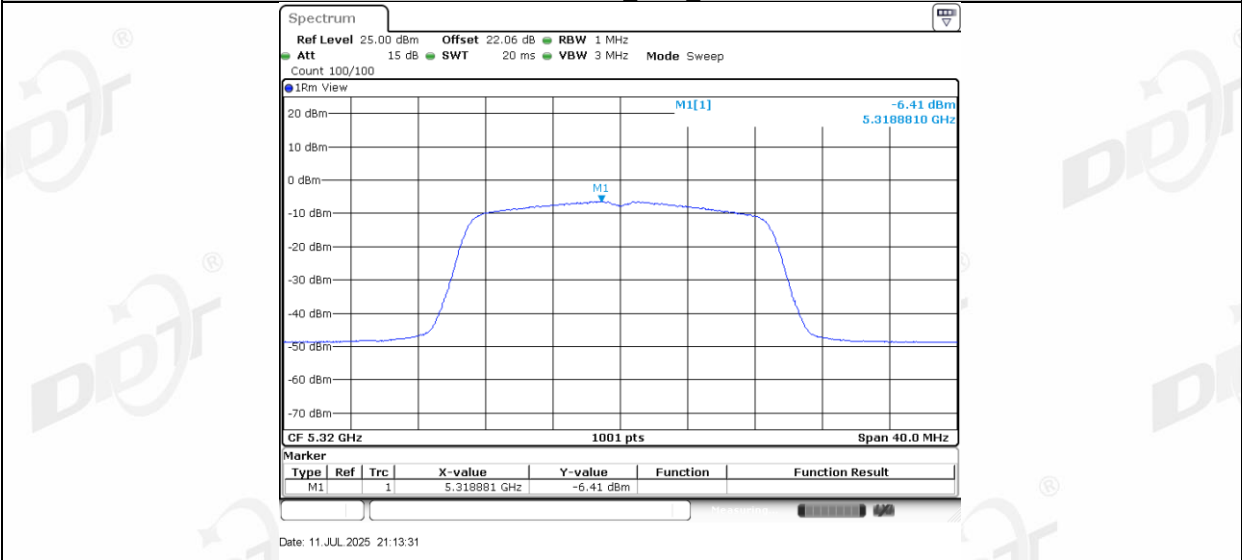
11N20MIMO_Ant1_5280



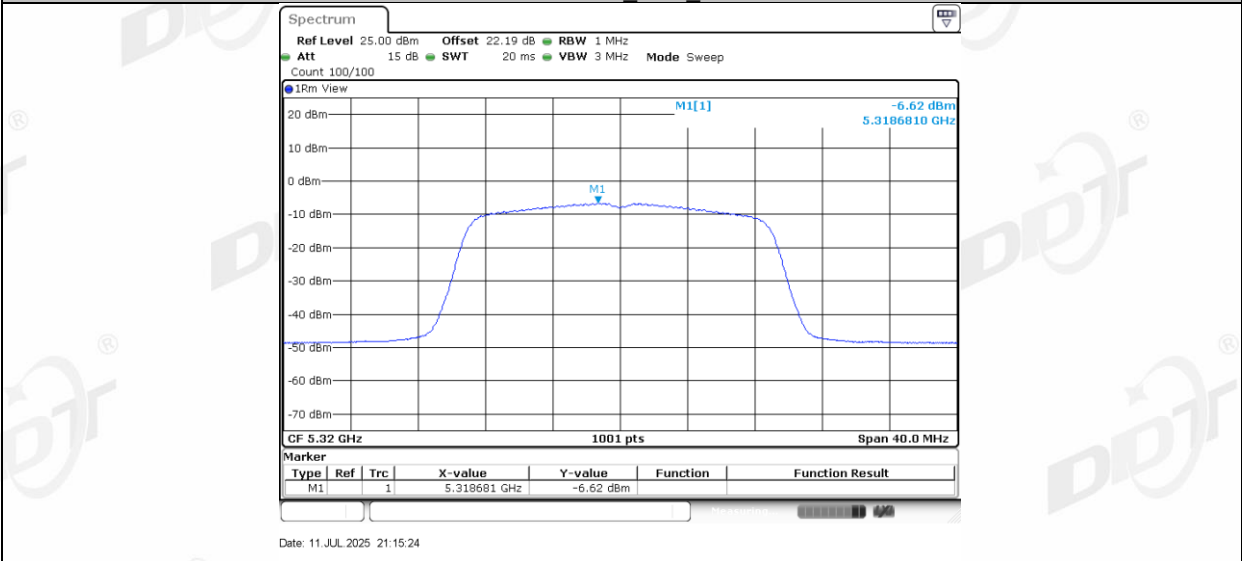
11N20MIMO_Ant2_5280



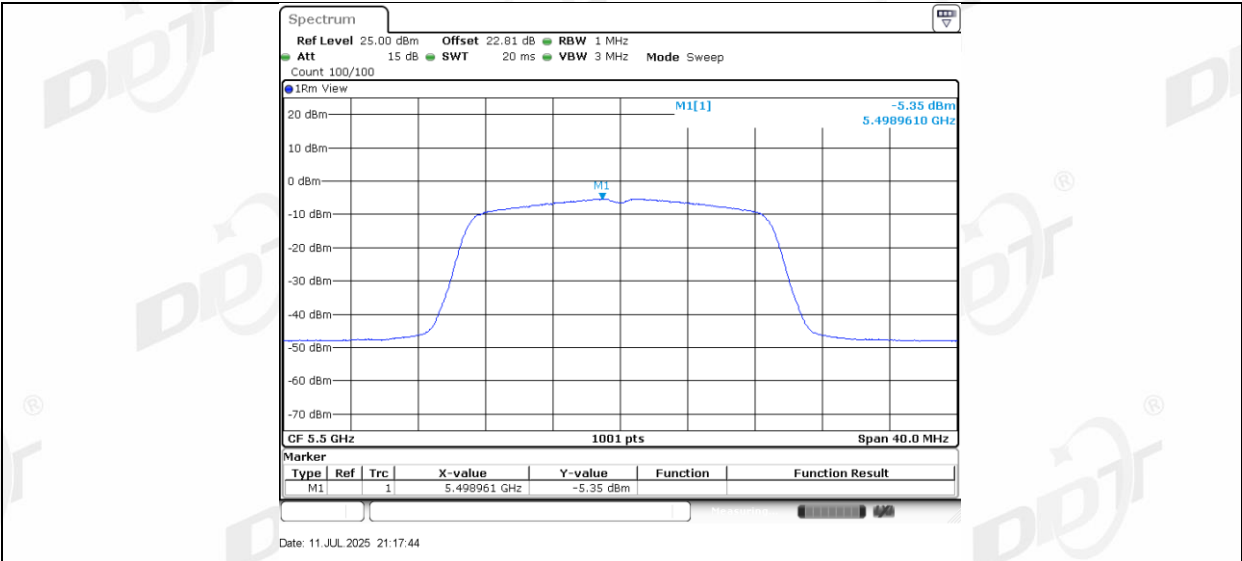
11N20MIMO_Ant1_5320



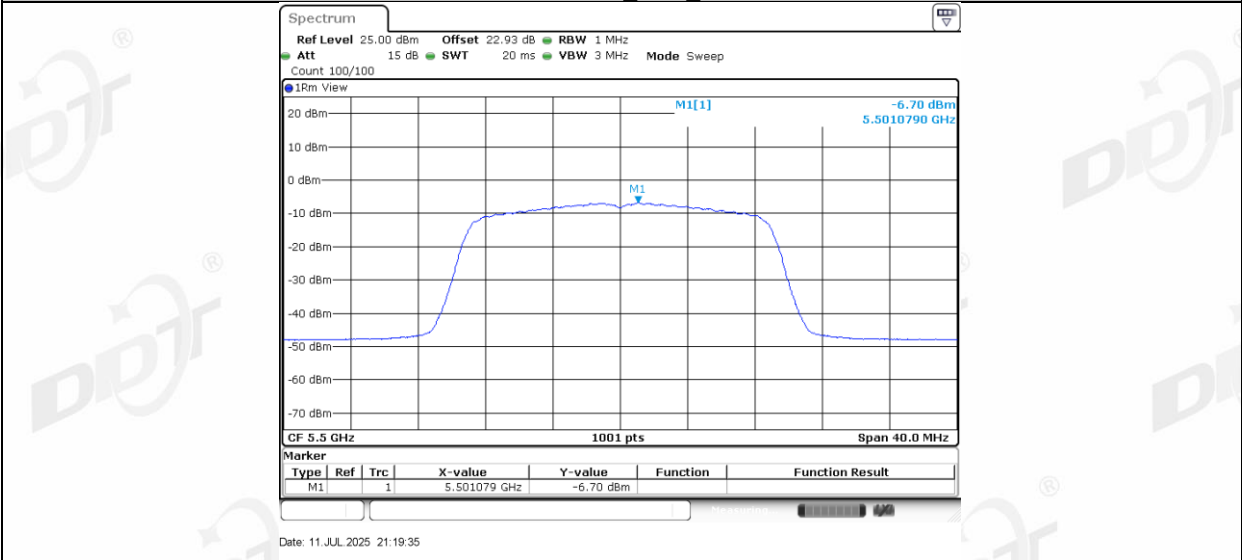
11N20MIMO_Ant2_5320



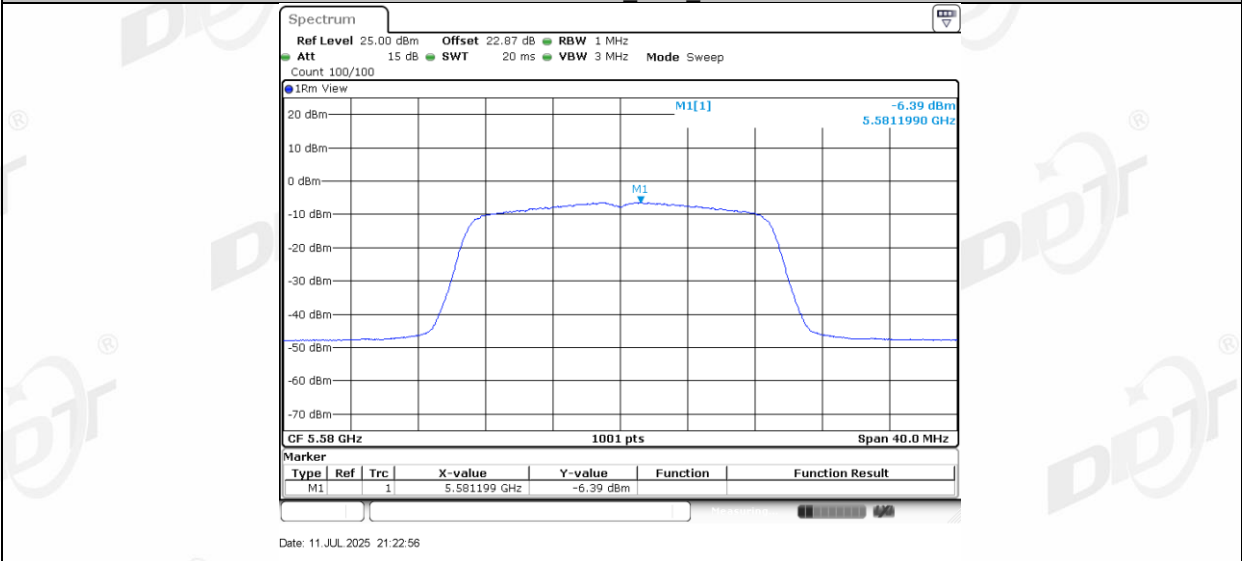
11N20MIMO_Ant1_5500



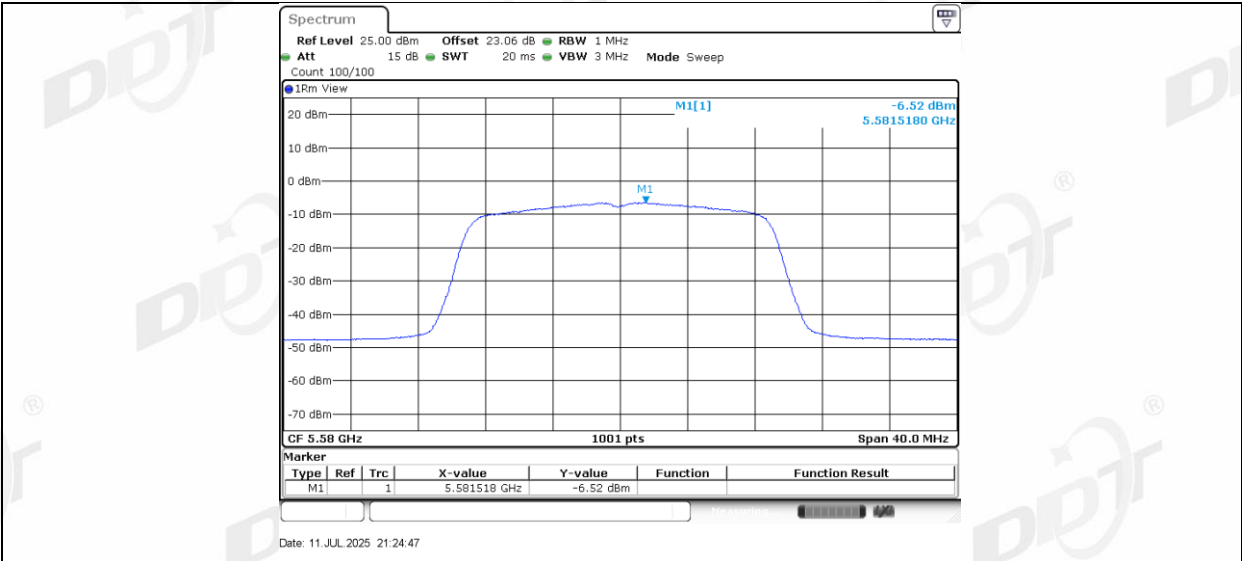
11N20MIMO_Ant2_5500



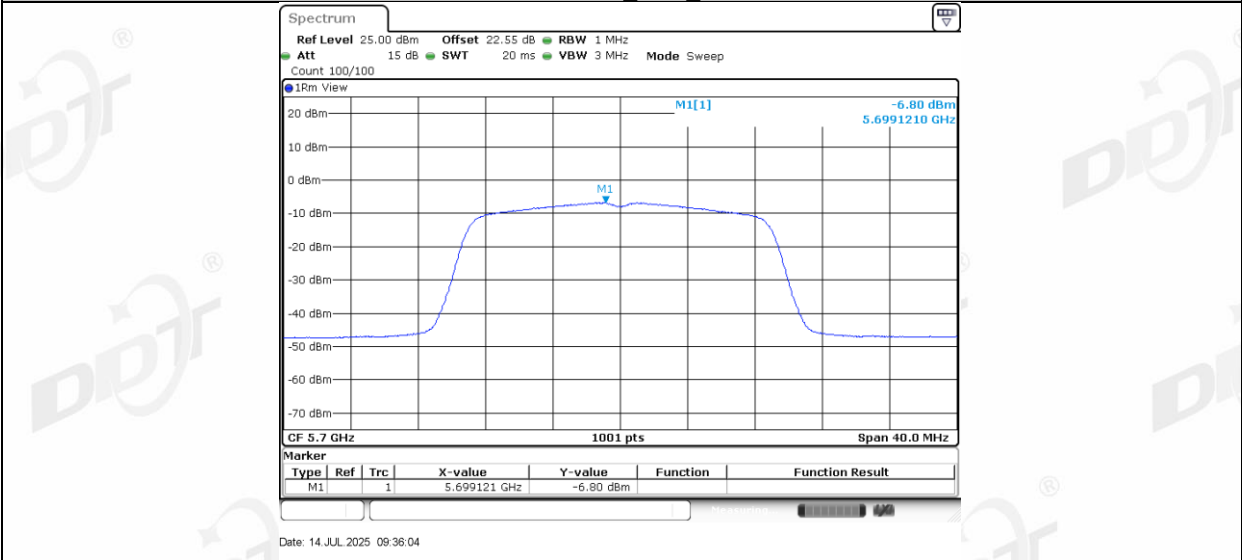
11N20MIMO_Ant1_5580



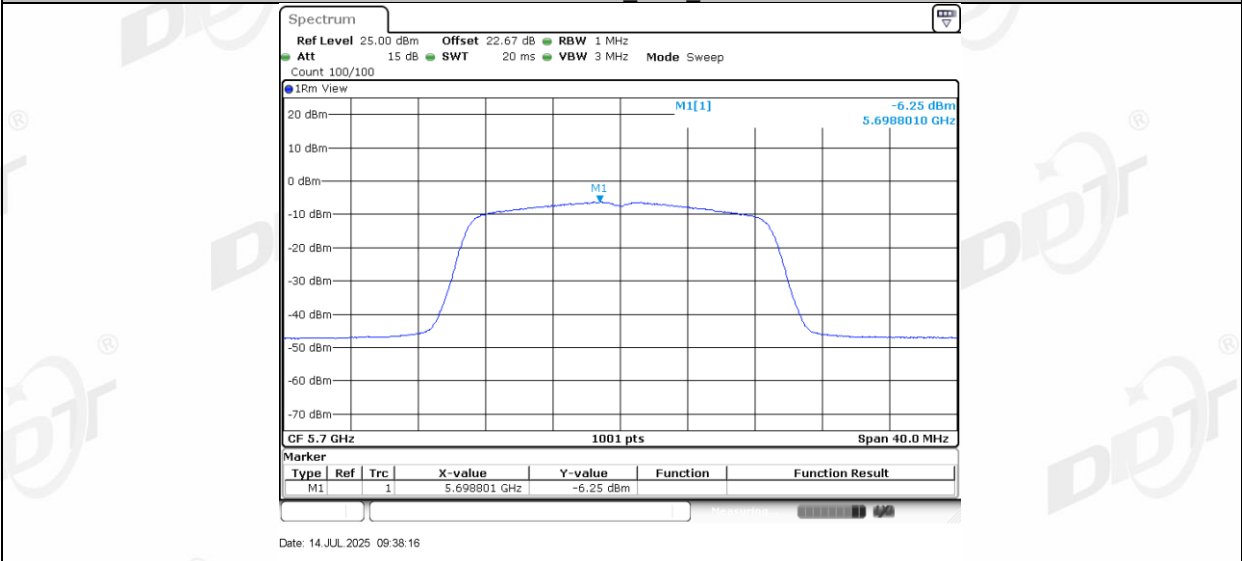
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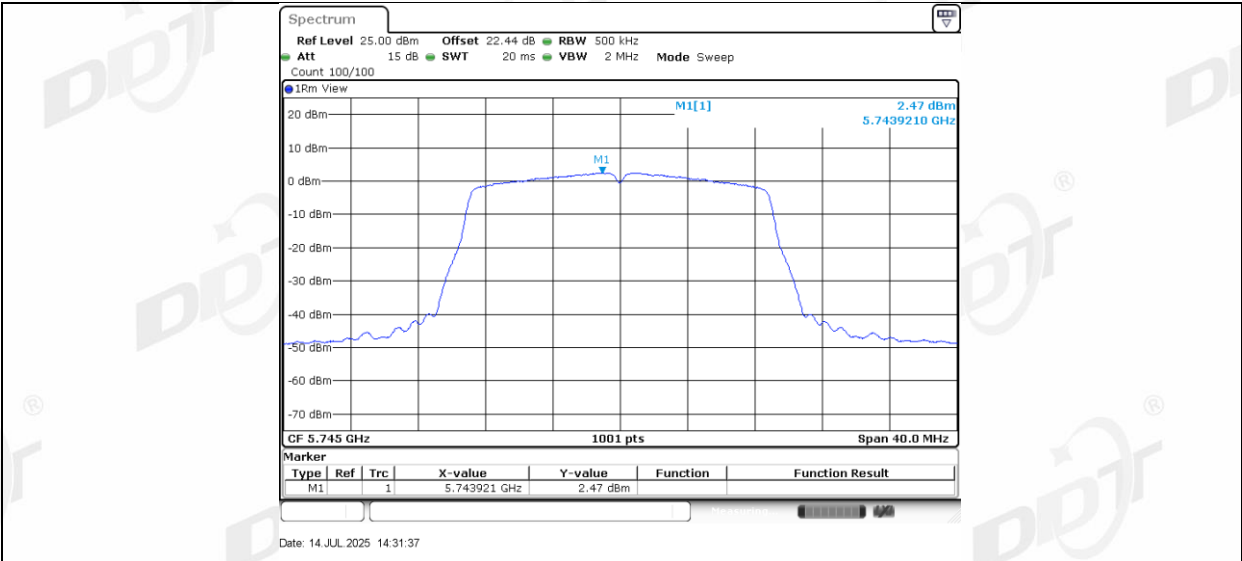
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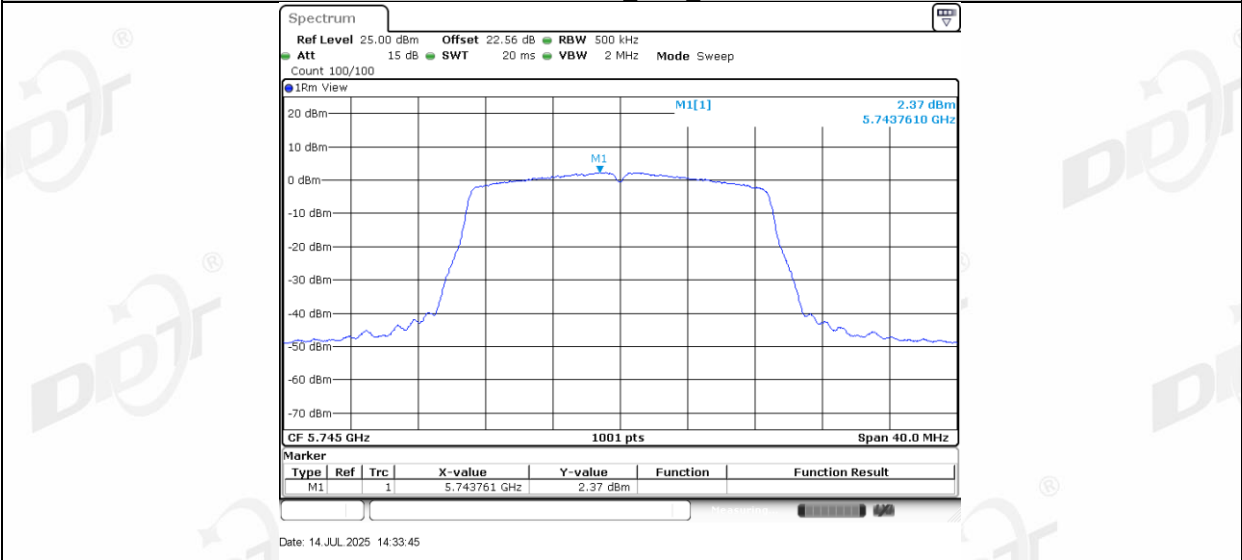
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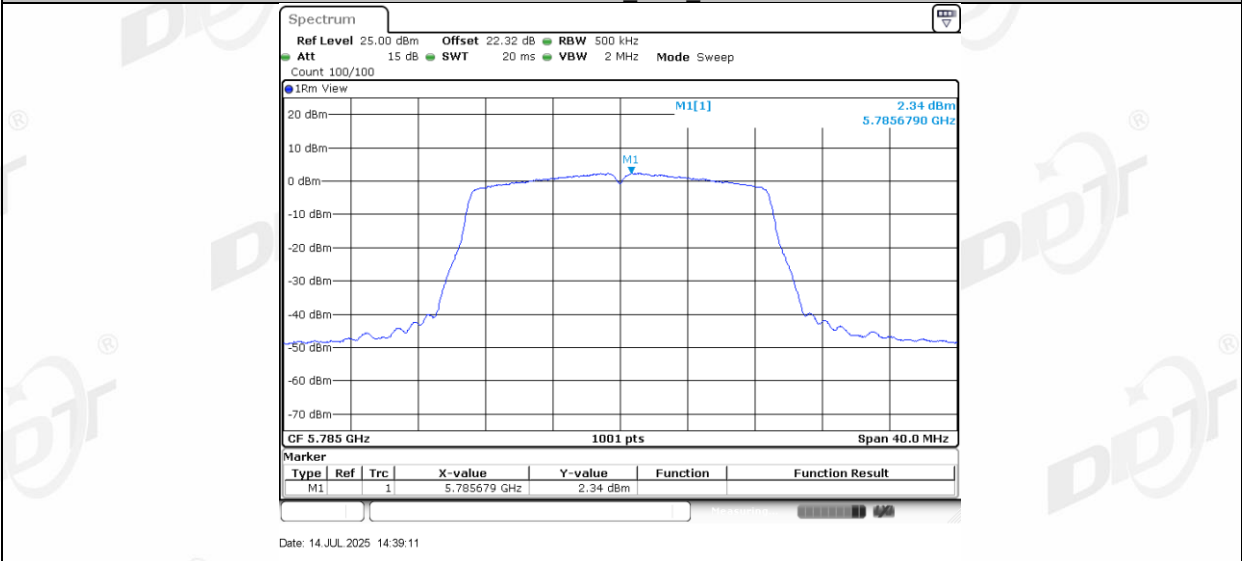
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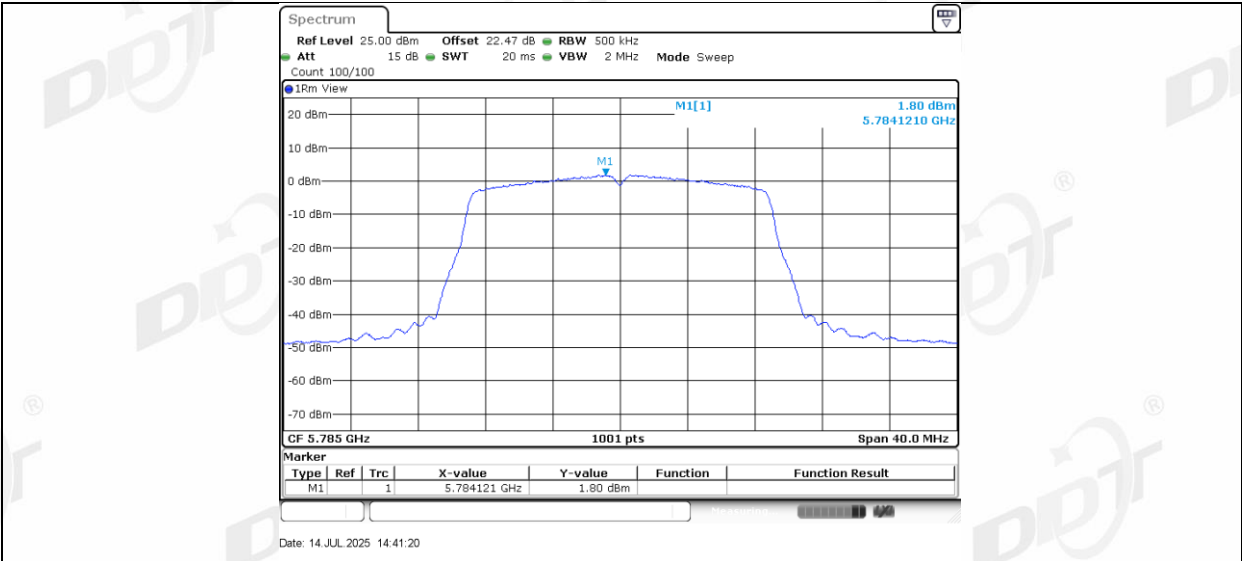
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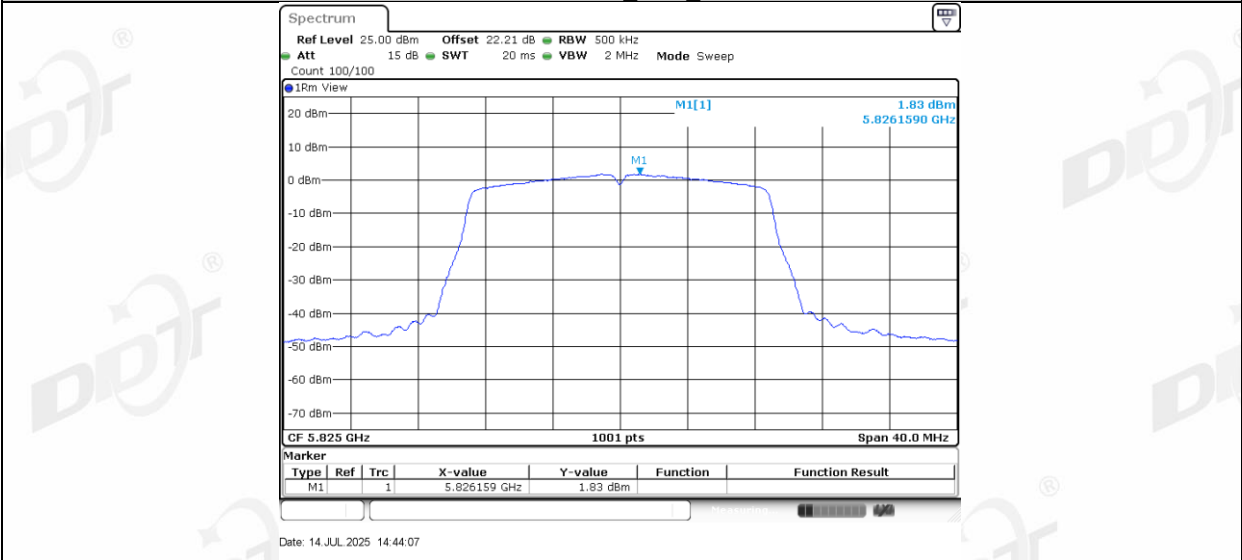
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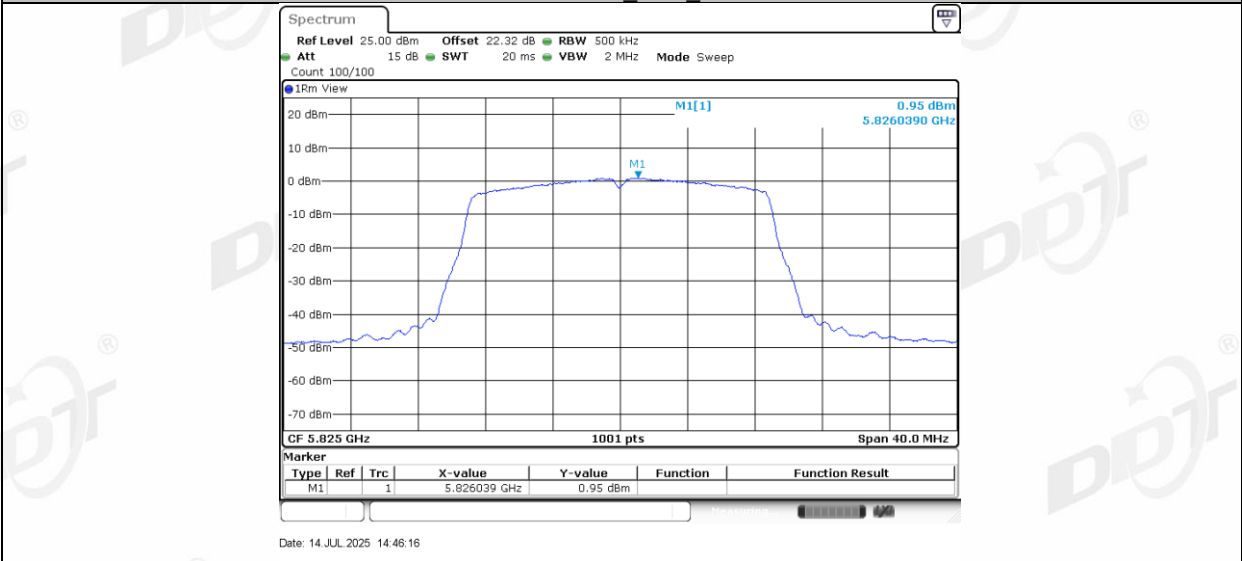
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190