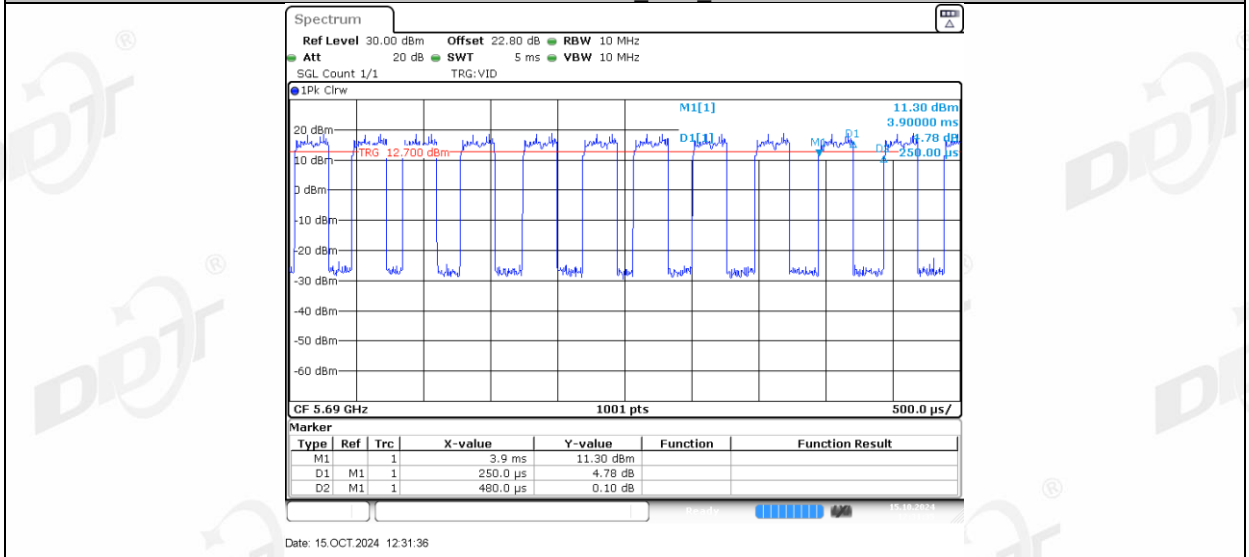
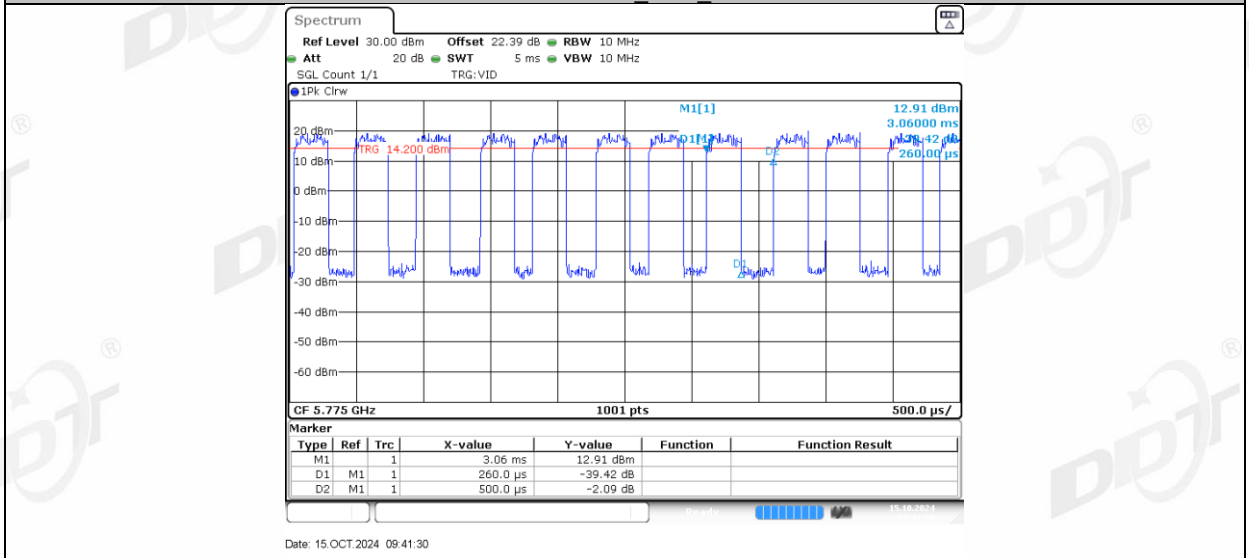


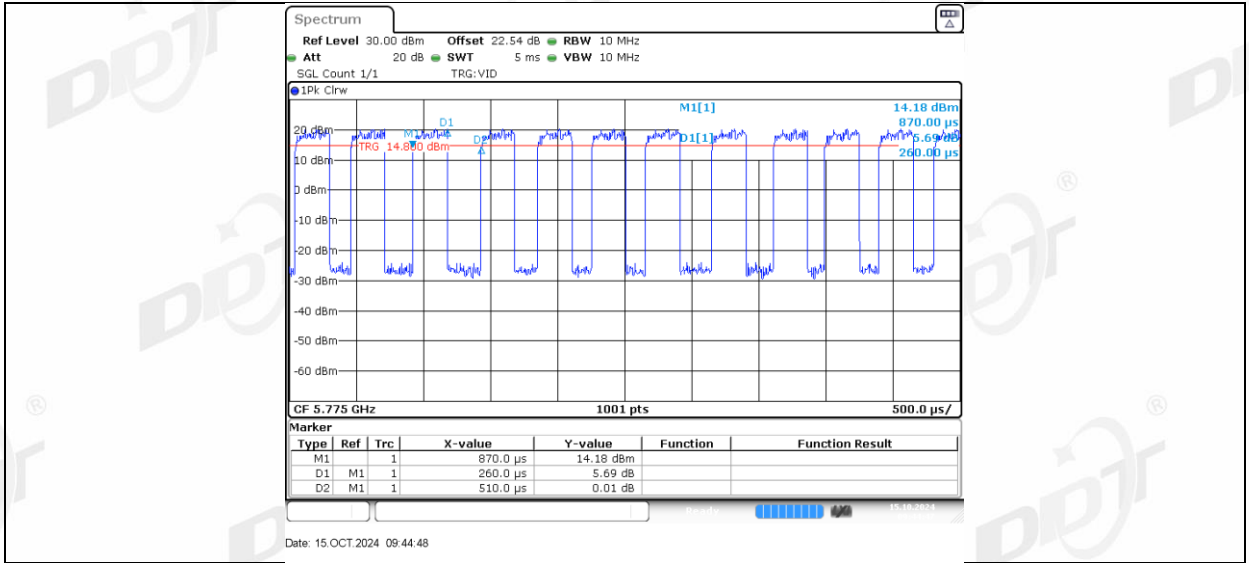
11AC80MIMO_Ant2_5690



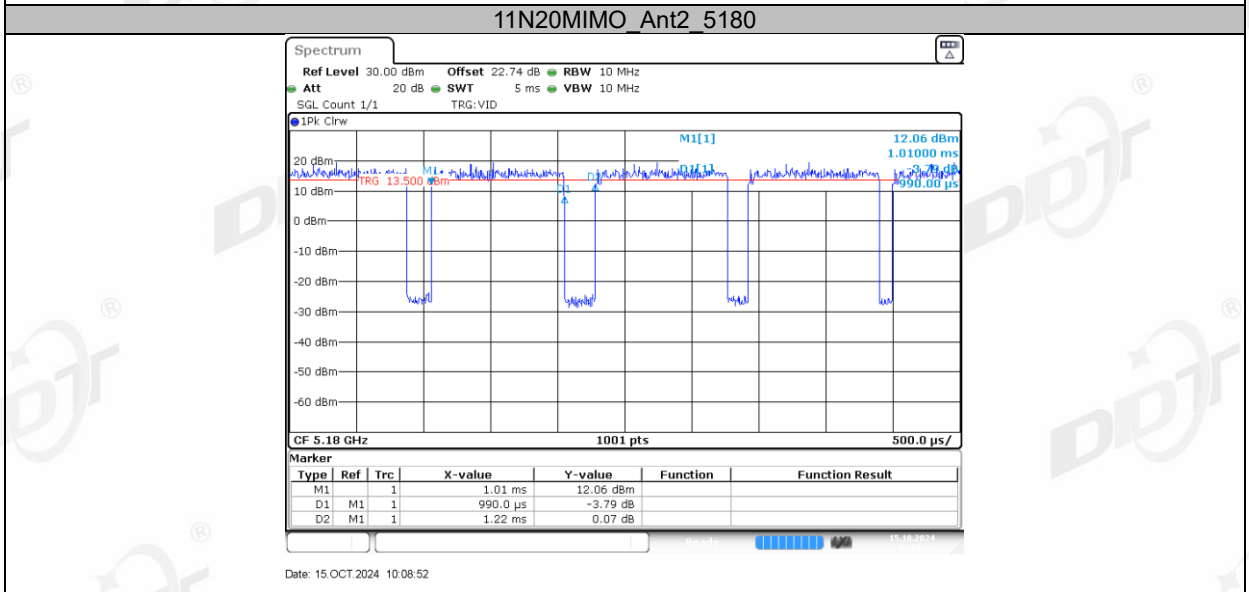
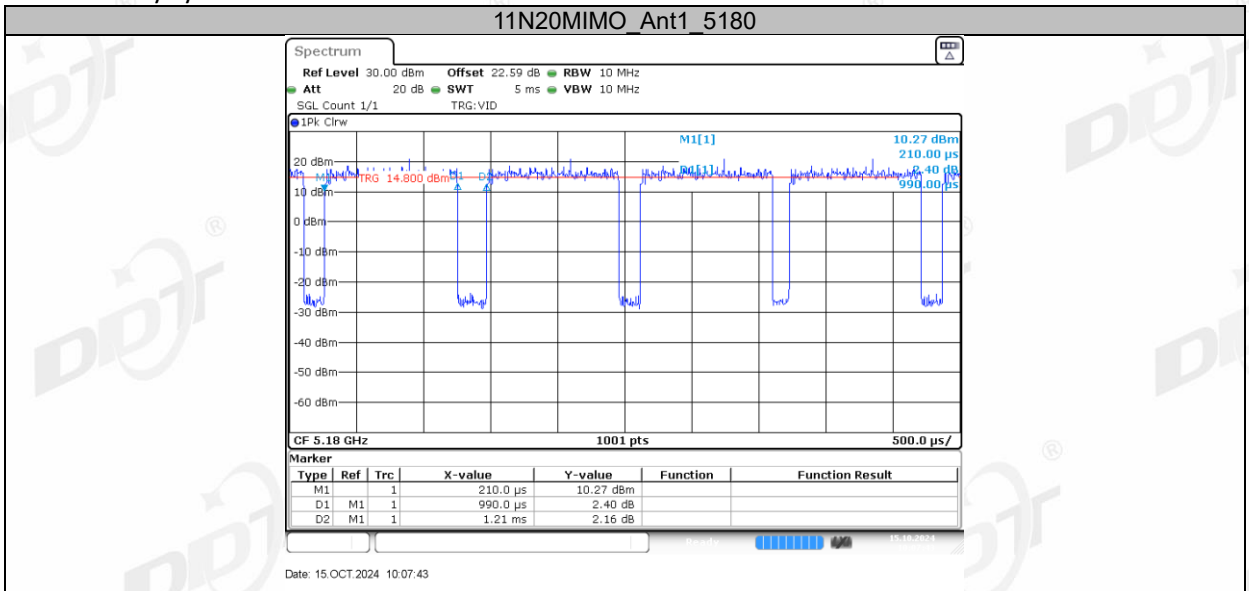
11AC80MIMO_Ant1_5775



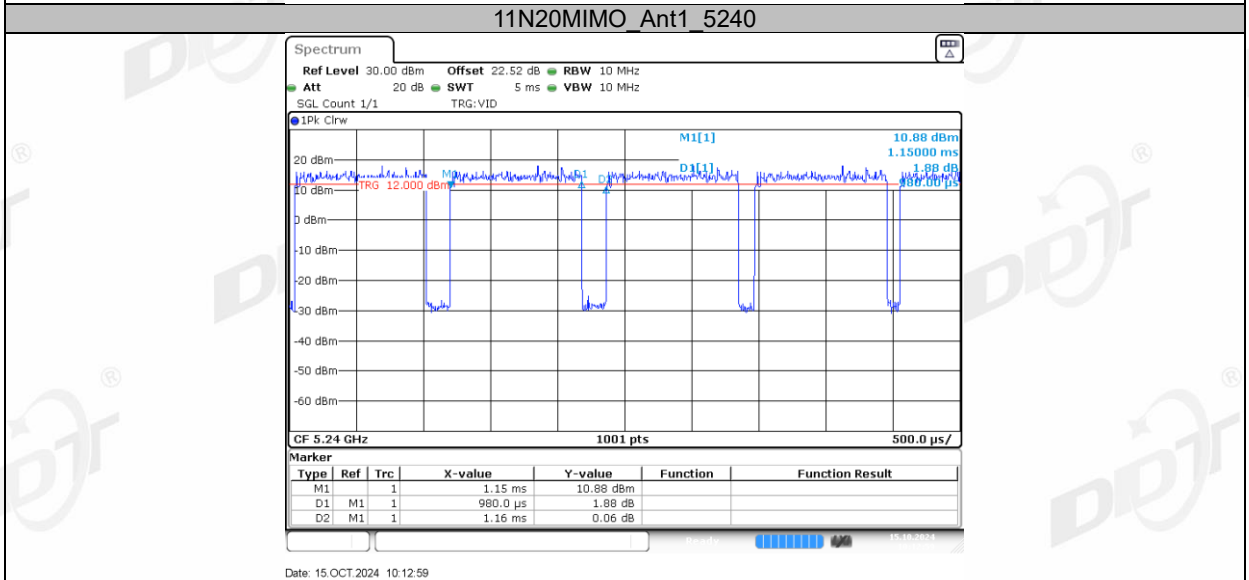
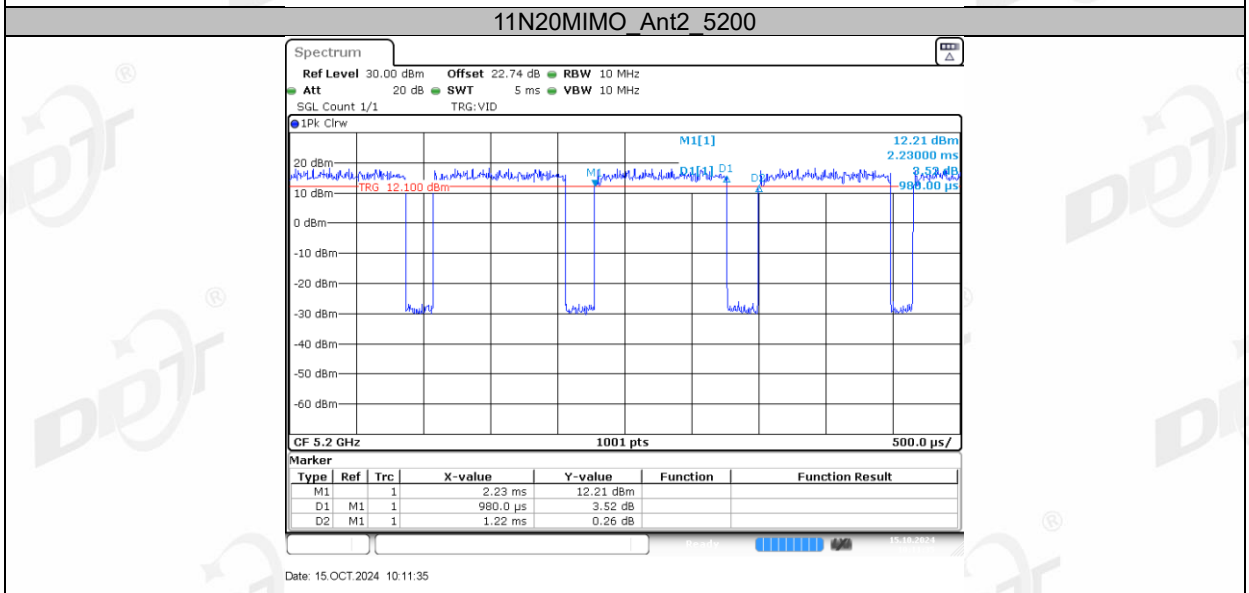
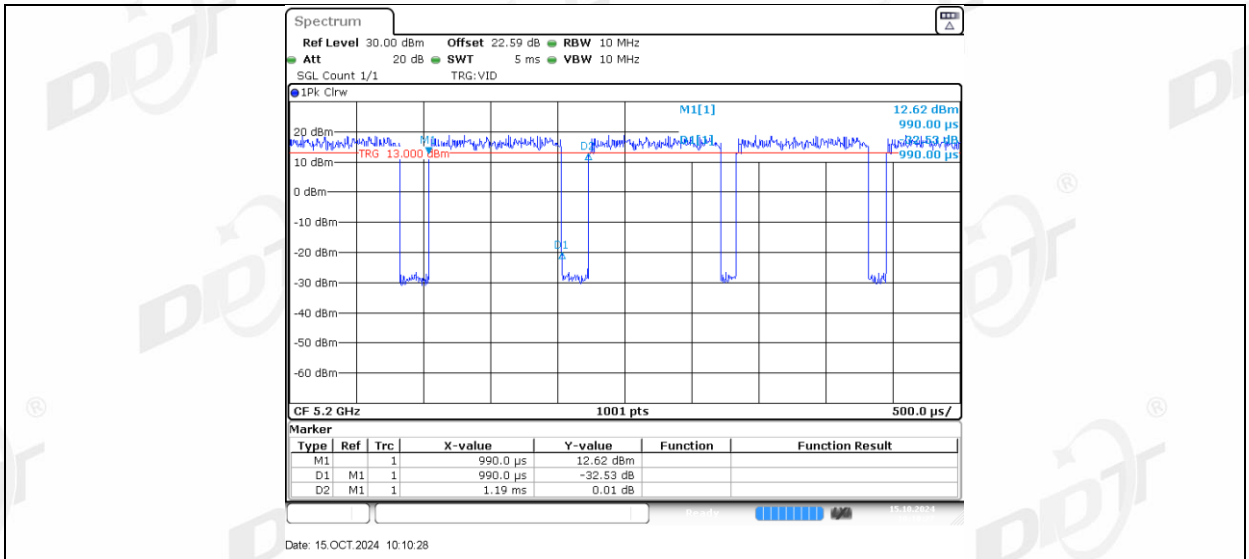
11AC80MIMO_Ant2_5775

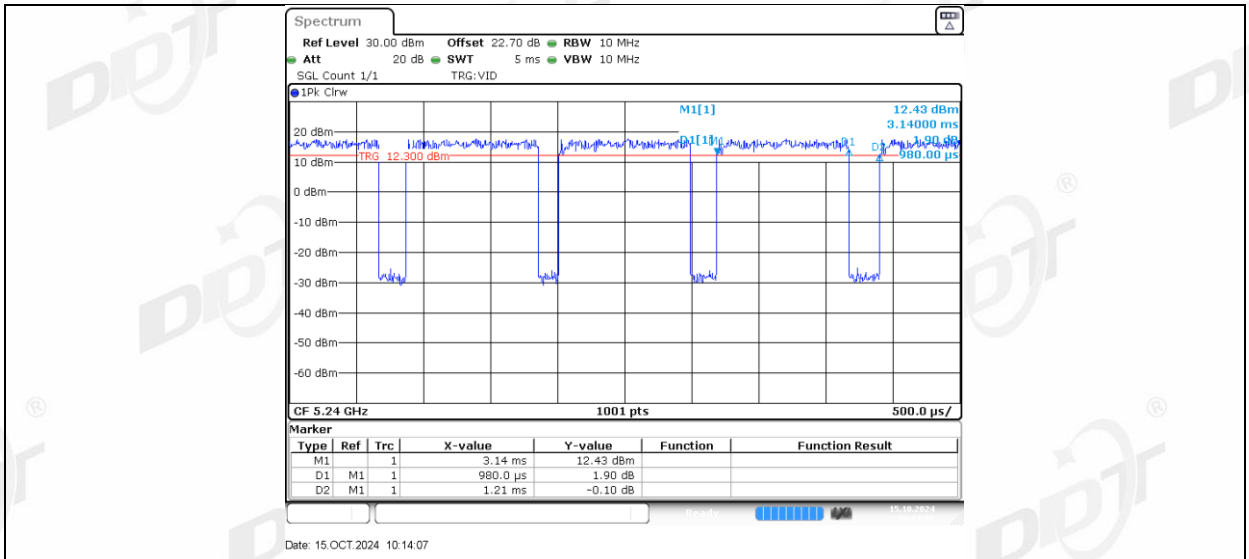


IC band1 Duty cycle:

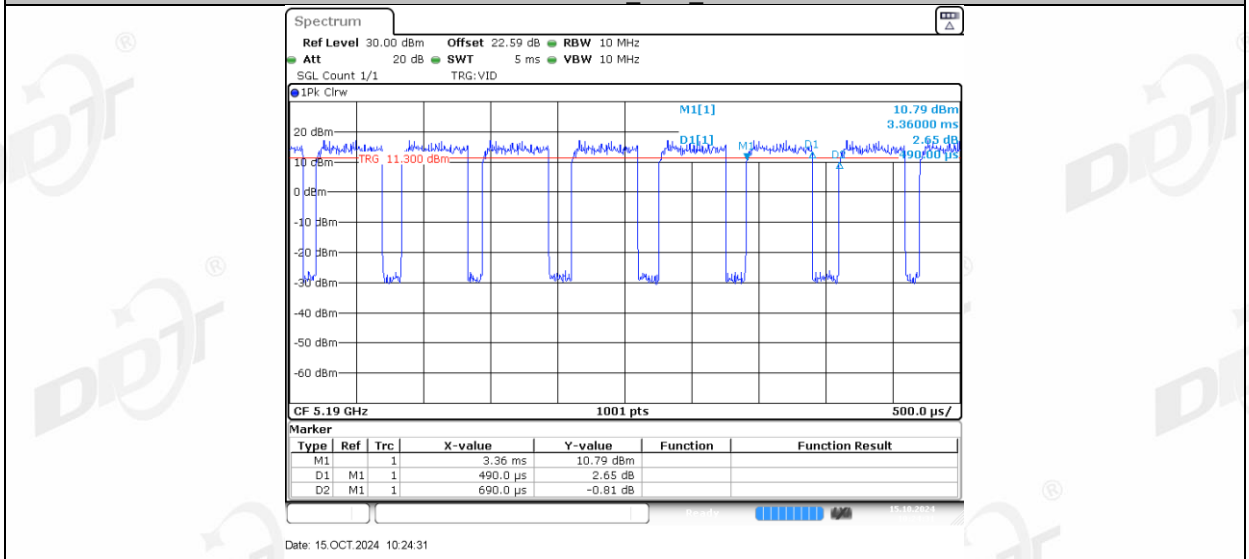


11N20MIMO_Ant1_5200

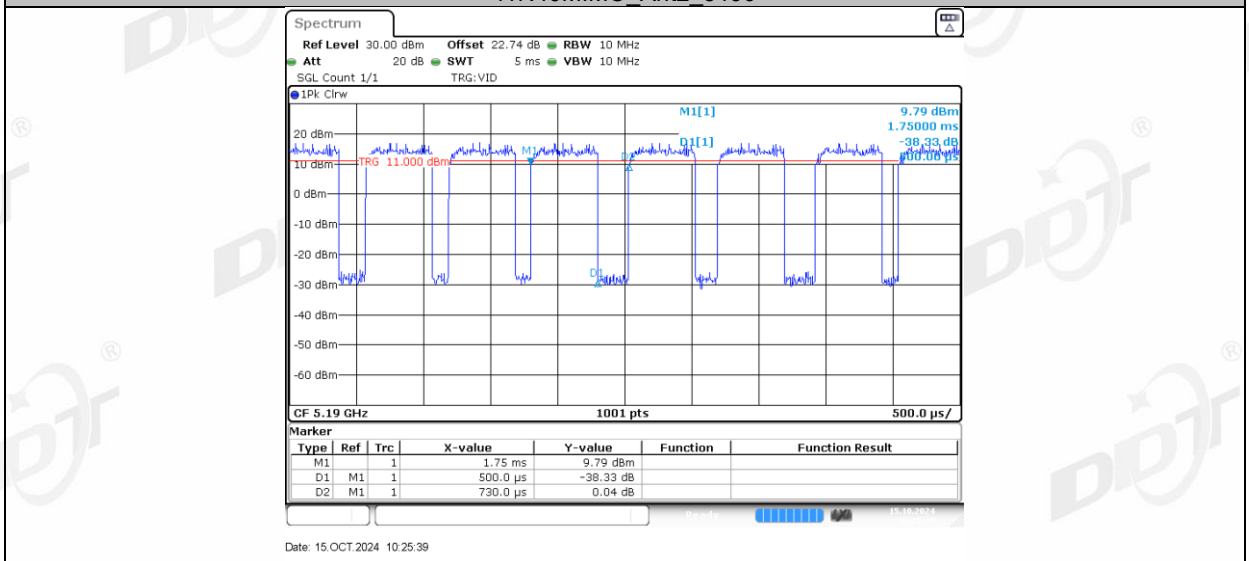




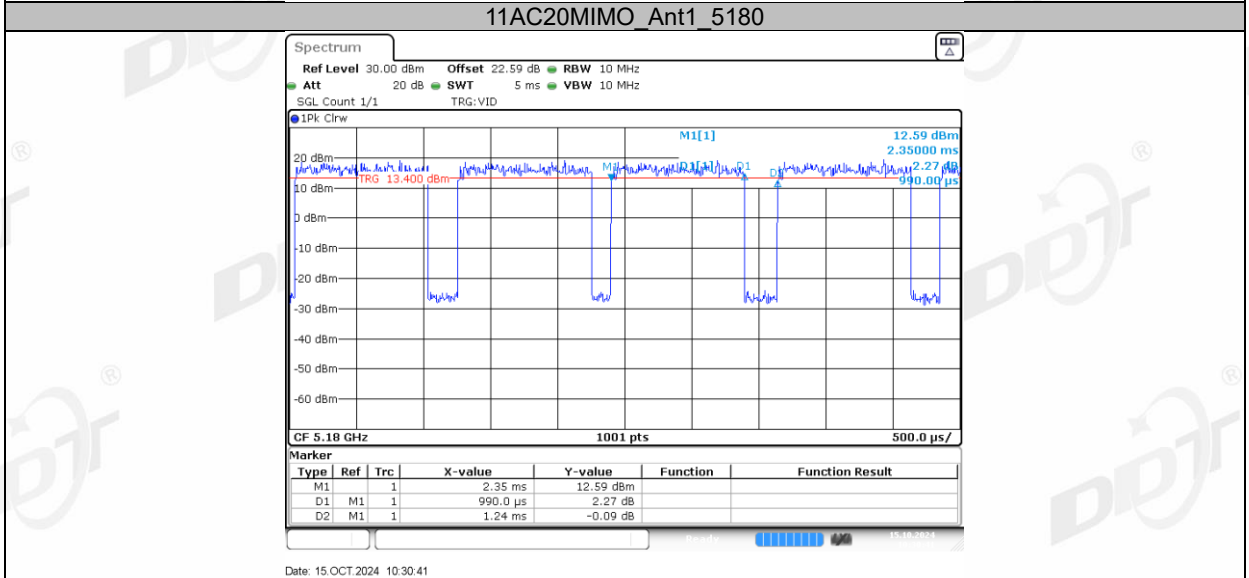
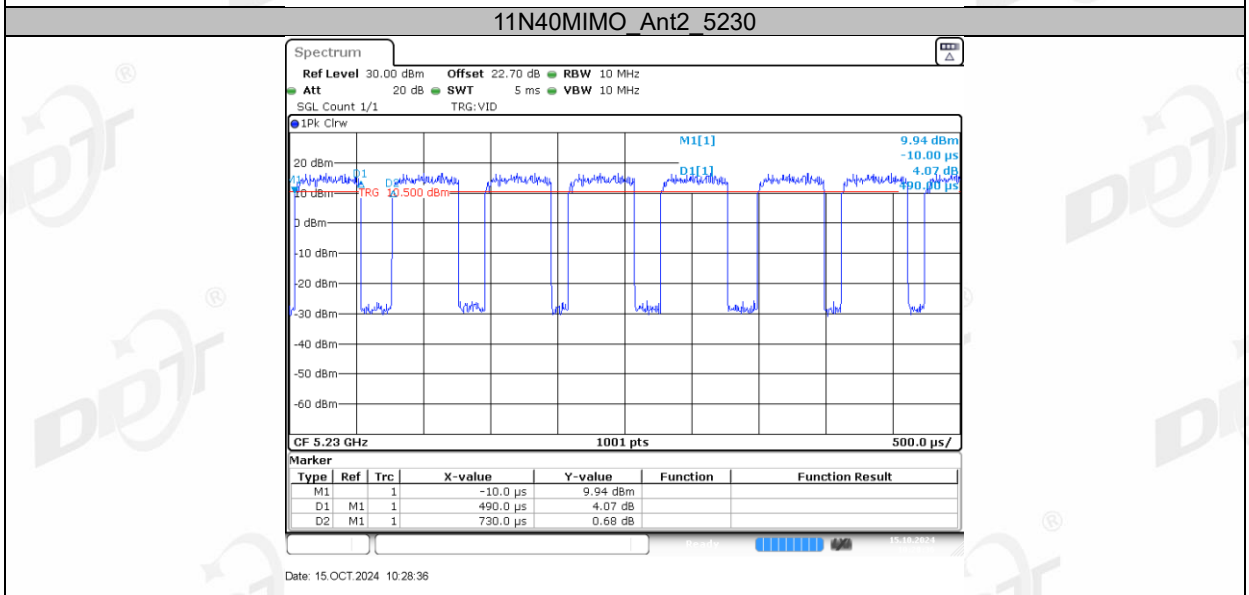
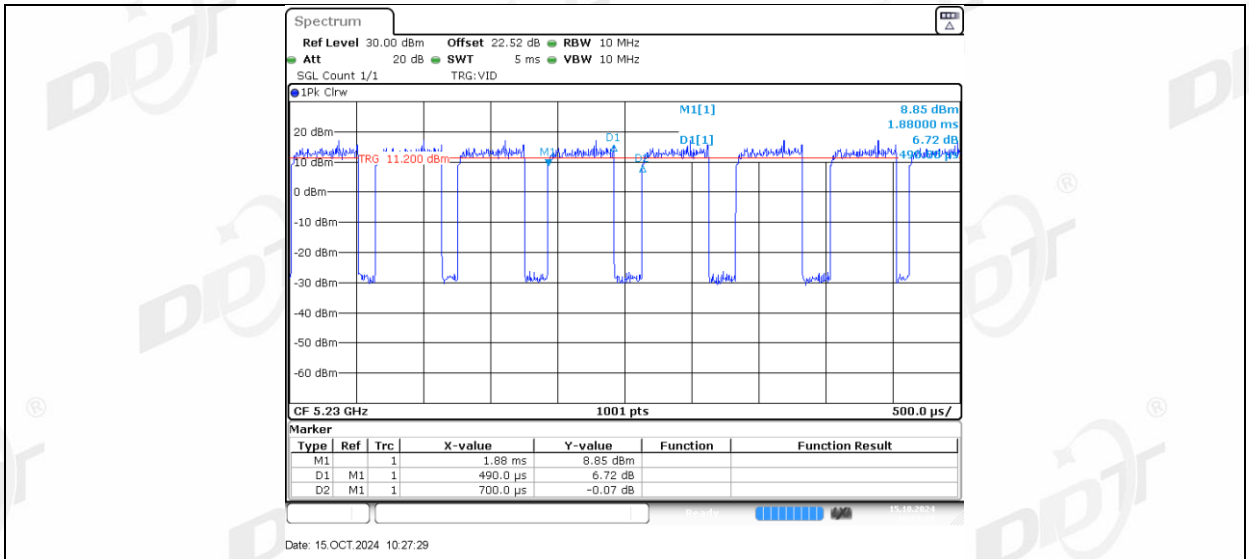
11N40MIMO_Ant1_5190

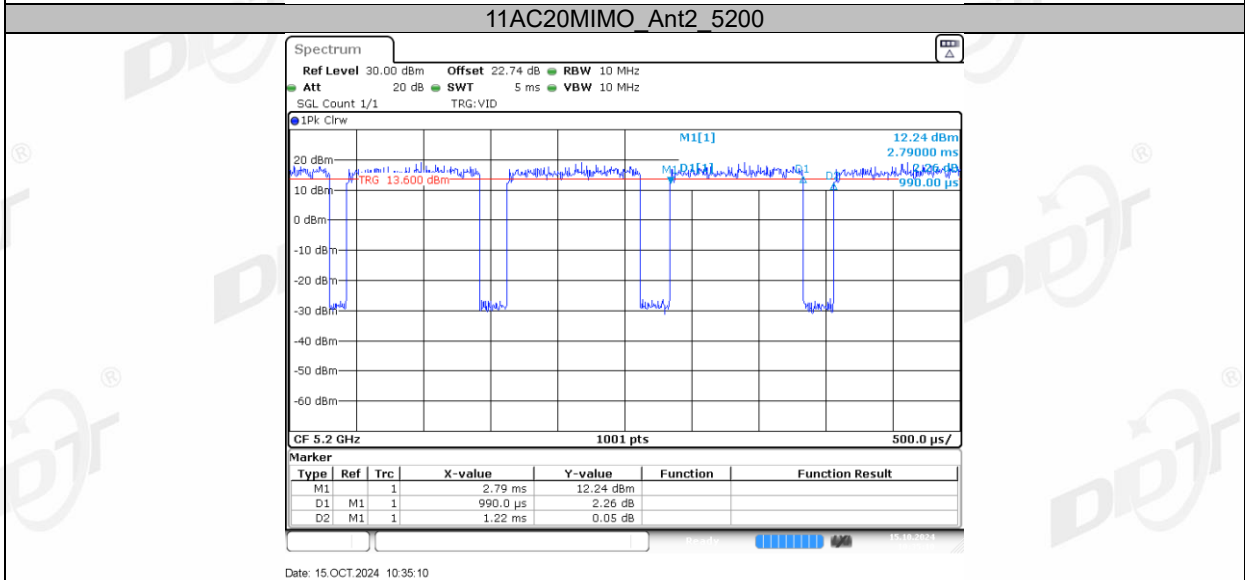
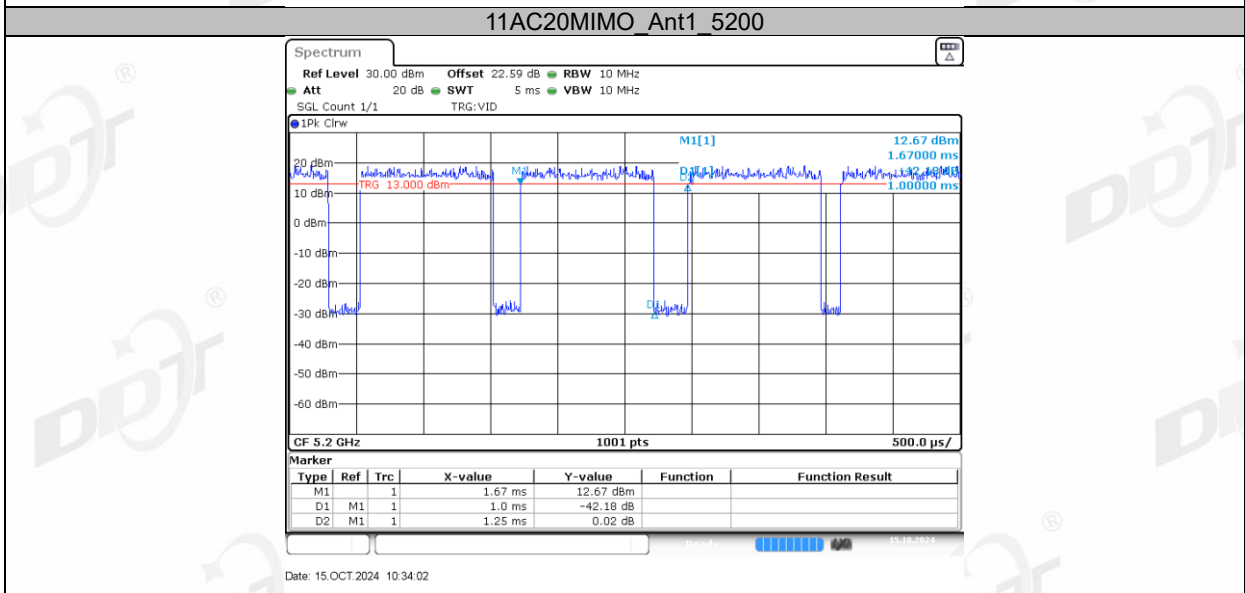
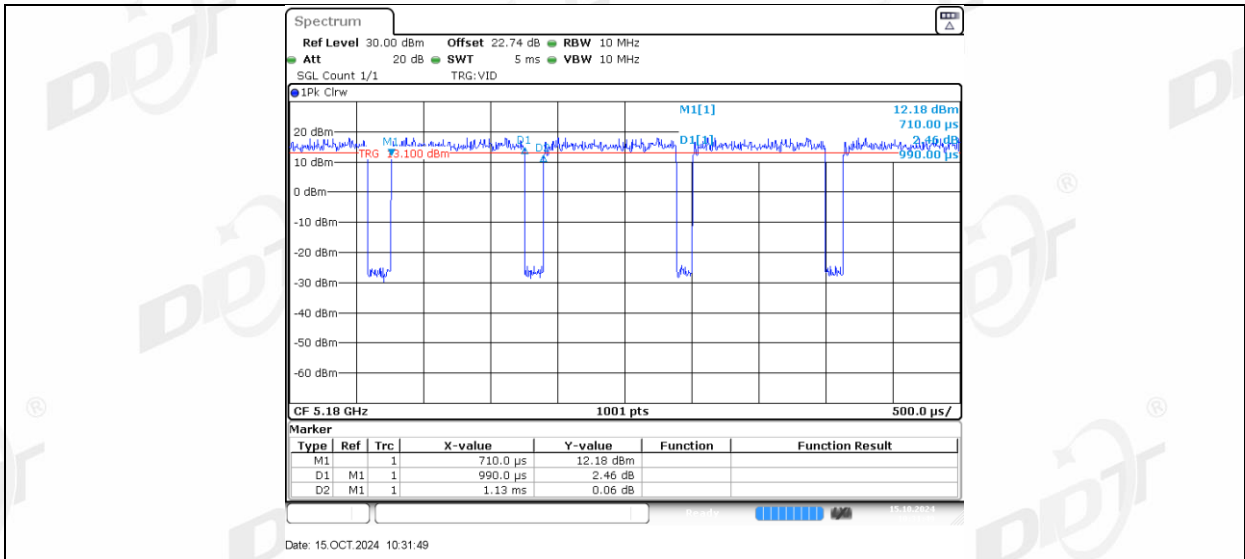


11N40MIMO_Ant2_5190

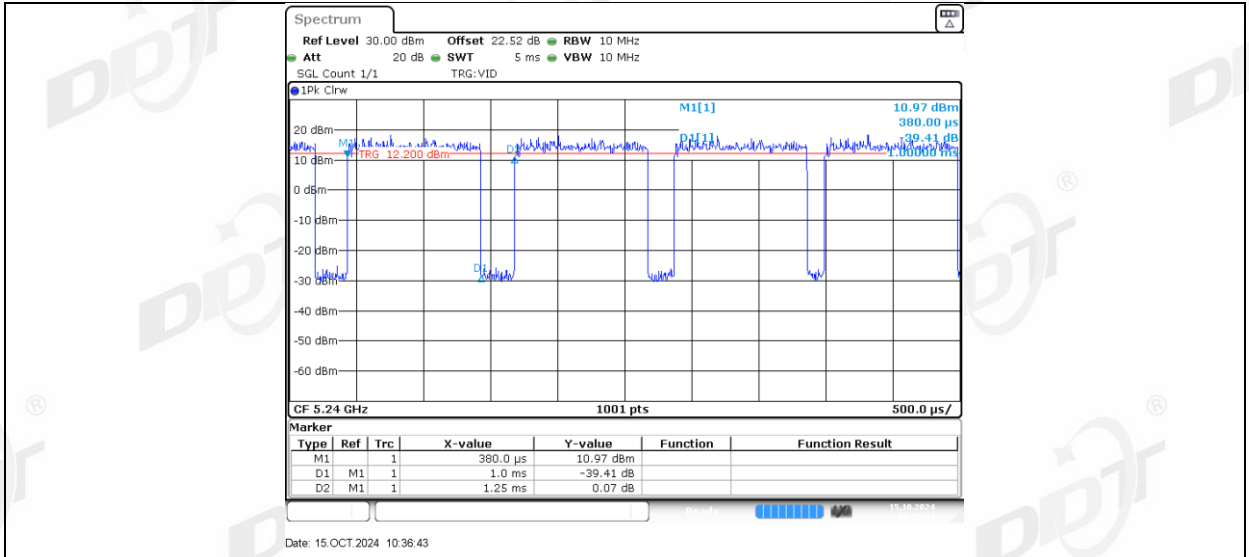


11N40MIMO_Ant1_5230

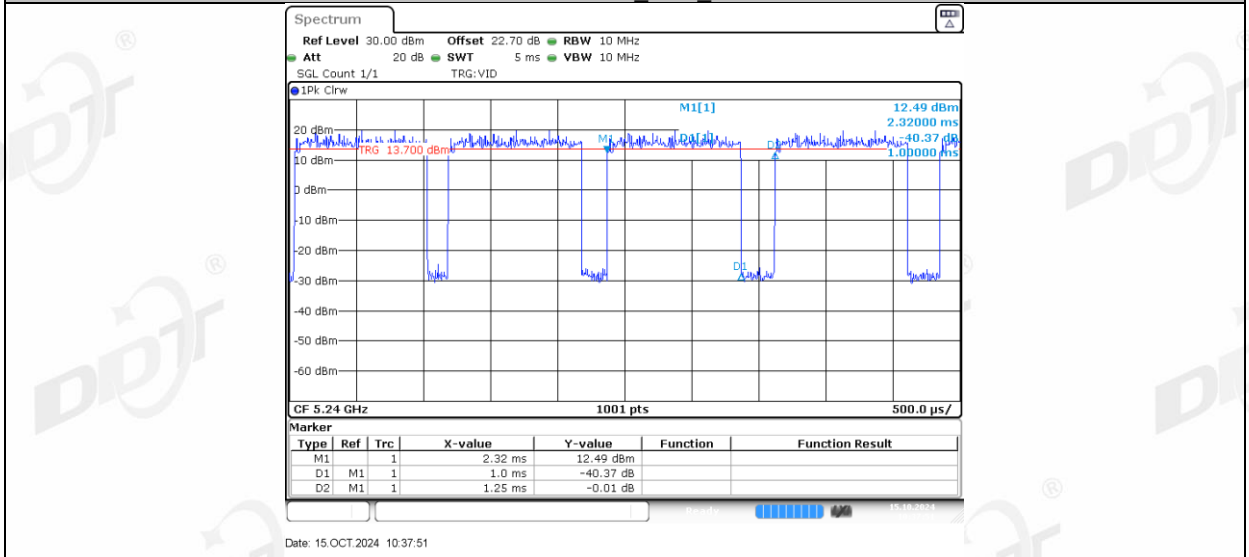




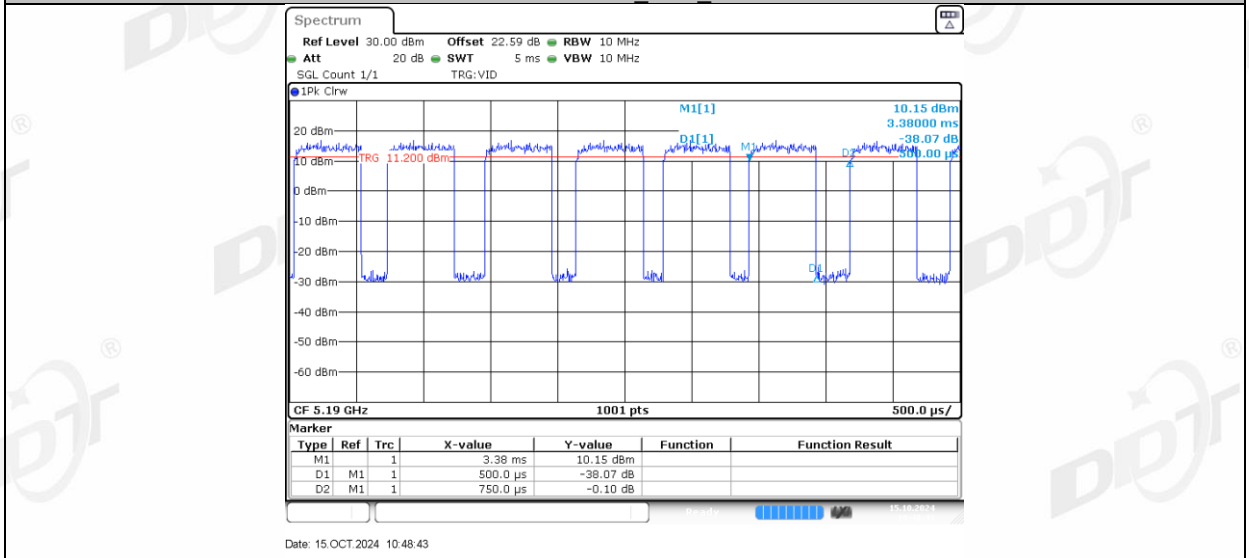
11AC20MIMO_Ant1_5240



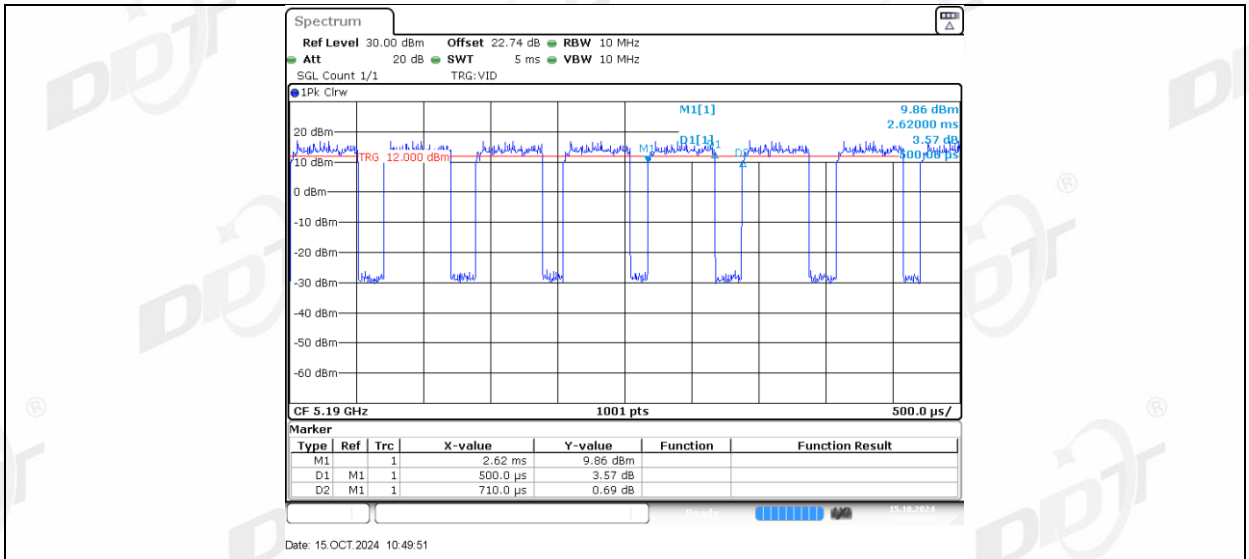
11AC20MIMO_Ant2_5240



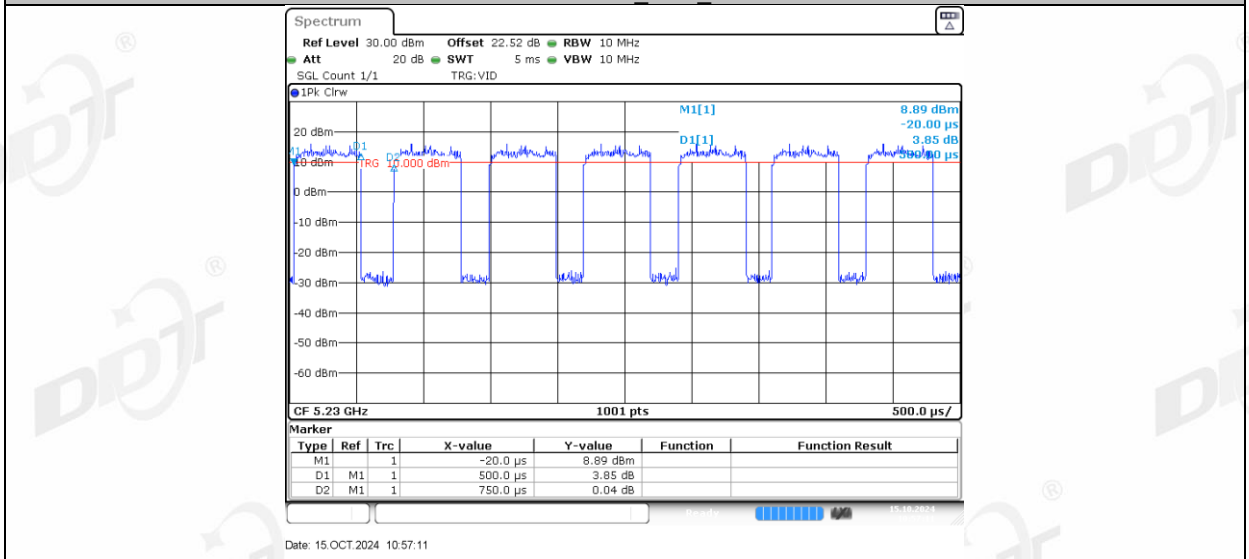
11AC40MIMO_Ant1_5190



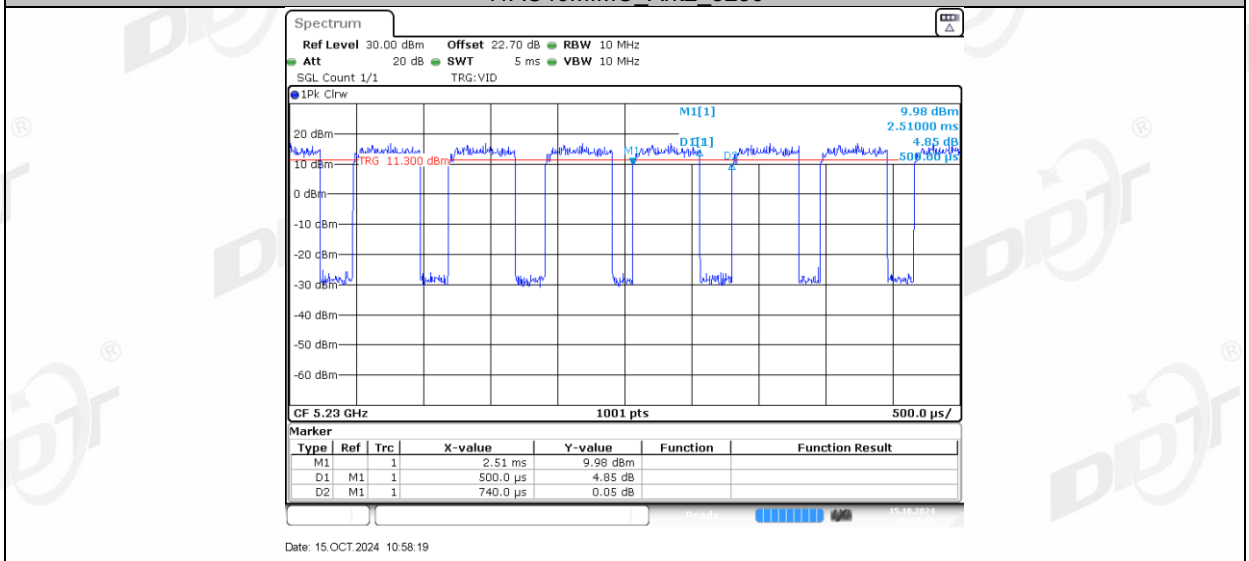
11AC40MIMO_Ant2_5190



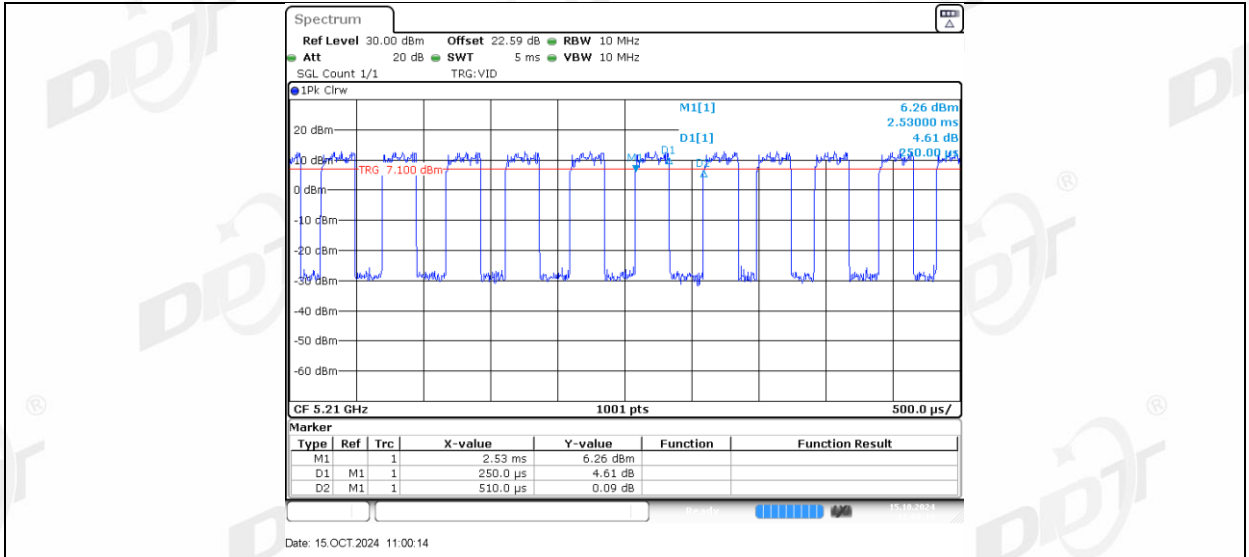
11AC40MIMO_Ant1_5230



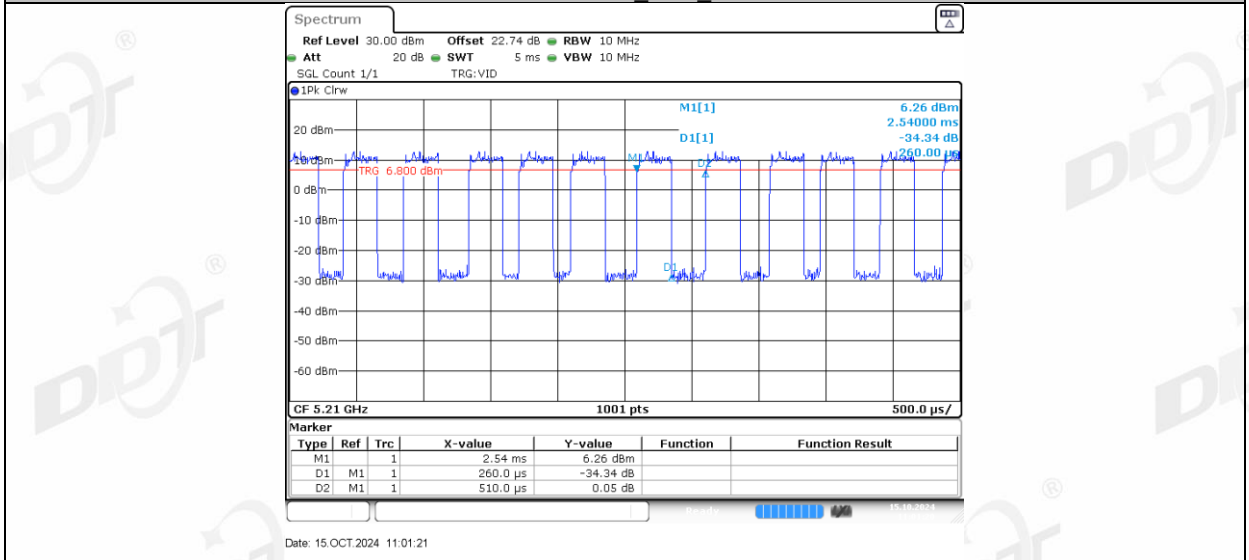
11AC40MIMO_Ant2_5230



11AC80MIMO_Ant1_5210

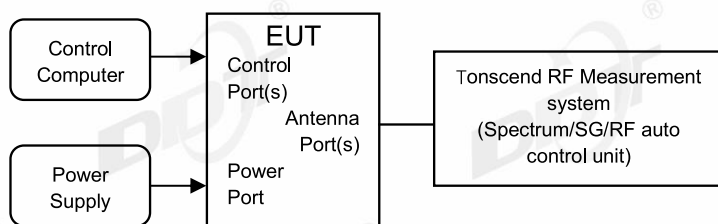


11AC80MIMO_Ant2_5210



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 (24 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23 dBm) or $10 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350
	For RSS: For conducted output power: 250 mW (24 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 (24 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 (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	5725-5850
1 Watt (30 dBm)		
Note : For FCC: B=26 bandwidth; For ISED: B=99% bandwidth.		

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:	Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	26.4°C,46.9%RH	Test Date:	2024.10.12-2024.10.22
Test Power Supply:	DC 12V	Sample Number:	S24092008-001

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	91.59	0.38	15.45	≤23.98	17.86	22.18	PASS
	Ant2	5180	91.59	0.38	15.00	≤23.98	17.93	22.18	PASS
	Ant1	5200	90.39	0.44	15.65	≤23.98	18.06	22.18	PASS
	Ant2	5200	91.59	0.38	14.98	≤23.98	17.91	22.18	PASS
	Ant1	5240	93.64	0.29	14.03	≤23.98	16.44	22.18	PASS
	Ant2	5240	91.56	0.38	15.37	≤23.98	18.30	22.18	PASS
	Ant1	5260	95.39	0.20	11.97	≤23.98	14.38	29.18	PASS
	Ant2	5260	92.00	0.36	12.75	≤23.62	15.68	29.18	PASS
	Ant1	5280	91.15	0.40	12.81	≤23.62	15.22	29.18	PASS
	Ant2	5280	92.00	0.36	12.72	≤23.62	15.65	29.18	PASS
	Ant1	5320	94.95	0.23	13.31	≤23.62	15.72	29.18	PASS
	Ant2	5320	90.35	0.44	12.73	≤23.62	15.66	29.18	PASS
	Ant1	5500	90.79	0.42	16.09	≤23.62	18.50	29.18	PASS
	Ant2	5500	89.96	0.46	15.79	≤23.62	18.72	29.18	PASS
	Ant1	5580	91.15	0.40	17.29	≤23.62	19.70	29.18	PASS
	Ant2	5580	91.59	0.38	17.87	≤23.62	20.80	29.18	PASS
	Ant1	5700	92.00	0.36	14.80	≤23.62	17.21	29.18	PASS
	Ant2	5700	91.19	0.40	16.77	≤23.62	19.70	29.18	PASS
	Ant1	5720	90.00	0.46	16.05	≤23.62	18.46	29.18	PASS
	Ant2	5720	90.75	0.42	16.68	≤23.62	19.61	29.18	PASS
Ant1	5745	94.95	0.23	19.49	≤30.00	21.90	---	PASS	
Ant2	5745	91.96	0.36	19.31	≤30.00	22.24	---	PASS	
Ant1	5785	91.59	0.38	18.87	≤30.00	21.28	---	PASS	
Ant2	5785	94.09	0.26	19.90	≤30.00	22.83	---	PASS	
Ant1	5825	92.00	0.36	20.33	≤30.00	22.74	---	PASS	
Ant2	5825	90.79	0.42	20.16	≤30.00	23.09	---	PASS	
11N20M IMO	Ant1	5180	81.67	0.88	15.01	≤23.98	17.42	---	PASS
	Ant2	5180	81.67	0.88	13.96	≤23.98	16.89	---	PASS
	total	5180	---	---	17.53	≤23.98	23.21	---	PASS
	Ant1	5200	88.29	0.54	14.67	≤23.98	17.08	---	PASS
	Ant2	5200	82.35	0.84	14.17	≤23.98	17.10	---	PASS
	total	5200	---	---	17.44	≤23.98	23.12	---	PASS
	Ant1	5240	83.05	0.81	13.78	≤23.98	16.19	---	PASS
	Ant2	5240	83.05	0.81	14.41	≤23.98	17.34	---	PASS
	total	5240	---	---	17.12	≤23.98	22.80	---	PASS
	Ant1	5260	83.19	0.80	11.74	≤23.62	14.15	29.18	PASS
	Ant2	5260	83.05	0.81	13.33	≤23.62	16.26	29.18	PASS
	total	5260	---	---	15.62	≤23.62	21.30	29.18	PASS
	Ant1	5280	82.50	0.84	12.08	≤23.62	14.49	29.18	PASS
	Ant2	5280	81.15	0.91	13.13	≤23.62	16.06	29.18	PASS
	total	5280	---	---	15.65	≤23.62	21.33	29.18	PASS
	Ant1	5320	86.84	0.61	12.26	≤23.62	14.67	29.18	PASS
	Ant2	5320	82.50	0.84	13.08	≤23.62	16.01	29.18	PASS
	total	5320	---	---	15.70	≤23.62	21.38	29.18	PASS
	Ant1	5500	82.50	0.84	15.44	≤23.62	17.85	29.18	PASS
	Ant2	5500	86.73	0.62	14.11	≤23.62	17.04	29.18	PASS
total	5500	---	---	17.84	≤23.62	23.52	29.18	PASS	
Ant1	5580	80.99	0.92	17.00	≤23.62	19.41	29.18	PASS	
Ant2	5580	86.09	0.65	16.13	≤23.62	19.06	29.18	PASS	
total	5580	---	---	19.60	≤23.62	25.28	29.18	PASS	
Ant1	5700	87.61	0.57	14.10	≤23.62	16.51	29.18	PASS	
Ant2	5700	81.15	0.91	15.07	≤23.62	18.00	29.18	PASS	
total	5700	---	---	17.62	≤23.62	23.30	29.18	PASS	
Ant1	5720	83.76	0.77	15.06	≤23.62	17.47	29.18	PASS	

	Ant2	5720	80.99	0.92	15.24	≤23.62	18.17	29.18	PASS
	total	5720	---	---	18.16	≤23.62	23.84	29.18	PASS
	Ant1	5745	81.82	0.87	18.80	≤30.00	21.21	---	PASS
	Ant2	5745	83.90	0.76	17.96	≤30.00	20.89	---	PASS
	total	5745	---	---	21.41	≤30.00	27.09	---	PASS
	Ant1	5785	83.19	0.80	18.39	≤30.00	20.80	---	PASS
	Ant2	5785	84.62	0.73	18.62	≤30.00	21.55	---	PASS
	total	5785	---	---	21.52	≤30.00	27.20	---	PASS
	Ant1	5825	83.90	0.76	18.51	≤30.00	20.92	---	PASS
Ant2	5825	81.82	0.87	18.76	≤30.00	21.69	---	PASS	
total	5825	---	---	21.65	≤30.00	27.33	---	PASS	
11N40M IMO	Ant1	5190	58.14	2.36	16.65	≤23.98	19.06	---	PASS
	Ant2	5190	69.44	1.58	15.12	≤23.98	18.05	---	PASS
	total	5190	---	---	18.96	≤23.98	24.64	---	PASS
	Ant1	5230	69.44	1.58	15.44	≤23.98	17.85	---	PASS
	Ant2	5230	70.00	1.55	15.49	≤23.98	18.42	---	PASS
	total	5230	---	---	18.48	≤23.98	24.16	---	PASS
	Ant1	5270	68.06	1.67	13.36	≤23.62	15.77	29.18	PASS
	Ant2	5270	70.42	1.52	14.43	≤23.62	17.36	29.18	PASS
	total	5270	---	---	16.94	≤23.62	22.62	29.18	PASS
	Ant1	5310	68.49	1.64	14.05	≤23.62	16.46	29.18	PASS
	Ant2	5310	69.01	1.61	14.32	≤23.62	17.25	29.18	PASS
	total	5310	---	---	17.20	≤23.62	22.88	29.18	PASS
	Ant1	5510	72.46	1.40	17.18	≤23.62	19.59	29.18	PASS
	Ant2	5510	69.44	1.58	16.32	≤23.62	19.25	29.18	PASS
	total	5510	---	---	19.78	≤23.62	25.46	29.18	PASS
	Ant1	5550	68.06	1.67	18.17	≤23.62	20.58	29.18	PASS
	Ant2	5550	69.44	1.58	17.46	≤23.62	20.39	29.18	PASS
	total	5550	---	---	20.84	≤23.62	26.52	29.18	PASS
	Ant1	5670	69.44	1.58	17.32	≤23.62	19.73	29.18	PASS
	Ant2	5670	70.42	1.52	16.85	≤23.62	19.78	29.18	PASS
	total	5670	---	---	20.10	≤23.62	25.78	29.18	PASS
	Ant1	5710	70.42	1.52	16.18	≤23.62	18.59	29.18	PASS
	Ant2	5710	69.44	1.58	16.64	≤23.62	19.57	29.18	PASS
	total	5710	---	---	19.43	≤23.62	25.11	29.18	PASS
	Ant1	5755	72.46	1.40	19.25	≤30.00	21.66	---	PASS
	Ant2	5755	69.44	1.58	18.47	≤30.00	21.40	---	PASS
	total	5755	---	---	21.89	≤30.00	27.57	---	PASS
Ant1	5795	72.46	1.40	17.75	≤30.00	20.16	---	PASS	
Ant2	5795	69.44	1.58	18.70	≤30.00	21.63	---	PASS	
total	5795	---	---	21.26	≤30.00	26.94	---	PASS	
11AC20 MIMO	Ant1	5180	81.82	0.87	14.63	≤23.98	17.04	---	PASS
	Ant2	5180	80.49	0.94	14.22	≤23.98	17.15	---	PASS
	total	5180	---	---	17.44	≤23.98	23.12	---	PASS
	Ant1	5200	79.84	0.98	15.19	≤23.98	17.60	---	PASS
	Ant2	5200	80.65	0.93	14.46	≤23.98	17.39	---	PASS
	total	5200	---	---	17.85	≤23.98	23.53	---	PASS
	Ant1	5240	83.19	0.80	13.60	≤23.98	16.01	---	PASS
	Ant2	5240	81.30	0.90	14.76	≤23.98	17.69	---	PASS
	total	5240	---	---	17.23	≤23.98	22.91	---	PASS
	Ant1	5260	83.90	0.76	11.68	≤23.62	14.09	29.18	PASS
	Ant2	5260	79.84	0.98	12.29	≤23.62	15.22	29.18	PASS
	total	5260	---	---	15.01	≤23.62	20.69	29.18	PASS
	Ant1	5280	83.33	0.79	12.34	≤23.62	14.75	29.18	PASS
	Ant2	5280	83.19	0.80	11.78	≤23.62	14.71	29.18	PASS
	total	5280	---	---	15.08	≤23.62	20.76	29.18	PASS
	Ant1	5320	80.49	0.94	12.77	≤23.62	15.18	29.18	PASS
	Ant2	5320	80.49	0.94	11.92	≤23.62	14.85	29.18	PASS
	total	5320	---	---	15.38	≤23.62	21.06	29.18	PASS
	Ant1	5500	79.20	1.01	15.54	≤23.62	17.95	29.18	PASS
	Ant2	5500	82.50	0.84	14.15	≤23.62	17.08	29.18	PASS
	total	5500	---	---	17.91	≤23.62	23.59	29.18	PASS
Ant1	5580	81.82	0.87	16.57	≤23.62	18.98	29.18	PASS	
Ant2	5580	85.34	0.69	15.90	≤23.62	18.83	29.18	PASS	

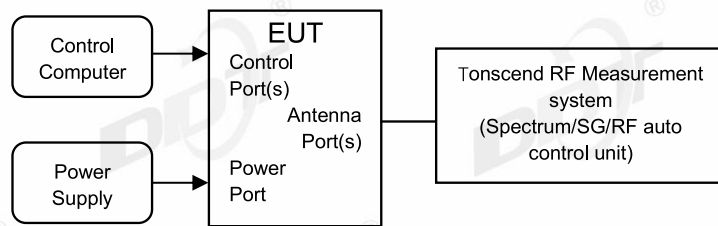
	total	5580	---	---	19.26	≤23.62	24.94	29.18	PASS
	Ant1	5700	84.62	0.73	14.10	≤23.62	16.51	29.18	PASS
	Ant2	5700	80.65	0.93	14.79	≤23.62	17.72	29.18	PASS
	total	5700	---	---	17.47	≤23.62	23.15	29.18	PASS
	Ant1	5720	80.00	0.97	15.68	≤23.62	18.09	29.18	PASS
	Ant2	5720	80.00	0.97	14.64	≤23.62	17.57	29.18	PASS
	total	5720	---	---	18.20	≤23.62	23.88	29.18	PASS
	Ant1	5745	86.96	0.61	18.23	≤30.00	20.64	---	PASS
	Ant2	5745	80.00	0.97	17.49	≤30.00	20.42	---	PASS
	total	5745	---	---	20.89	≤30.00	26.57	---	PASS
	Ant1	5785	80.00	0.97	17.83	≤30.00	20.24	---	PASS
	Ant2	5785	79.84	0.98	18.10	≤30.00	21.03	---	PASS
	total	5785	---	---	20.98	≤30.00	26.66	---	PASS
	Ant1	5825	81.15	0.91	18.36	≤30.00	20.77	---	PASS
	Ant2	5825	82.50	0.84	18.08	≤30.00	21.01	---	PASS
	total	5825	---	---	21.23	≤30.00	26.91	---	PASS
	Ant1	5190	76.92	1.14	14.46	≤23.98	16.87	---	PASS
	Ant2	5190	67.57	1.70	14.43	≤23.98	17.36	---	PASS
	total	5190	---	---	17.46	≤23.98	23.14	---	PASS
	Ant1	5230	67.11	1.73	14.52	≤23.98	16.93	---	PASS
	Ant2	5230	72.46	1.40	14.58	≤23.98	17.51	---	PASS
	total	5230	---	---	17.56	≤23.98	23.24	---	PASS
	Ant1	5270	68.49	1.64	12.24	≤23.62	14.65	29.18	PASS
	Ant2	5270	67.57	1.70	13.76	≤23.62	16.69	29.18	PASS
	total	5270	---	---	16.08	≤23.62	21.76	29.18	PASS
	Ant1	5310	69.44	1.58	13.05	≤23.62	15.46	29.18	PASS
	Ant2	5310	65.79	1.82	13.74	≤23.62	16.67	29.18	PASS
	total	5310	---	---	16.42	≤23.62	22.10	29.18	PASS
	Ant1	5510	65.79	1.82	16.33	≤23.62	18.74	29.18	PASS
	Ant2	5510	69.44	1.58	14.93	≤23.62	17.86	29.18	PASS
	total	5510	---	---	18.70	≤23.62	24.38	29.18	PASS
	Ant1	5550	72.46	1.40	16.62	≤23.62	19.03	29.18	PASS
	Ant2	5550	68.49	1.64	16.15	≤23.62	19.08	29.18	PASS
	total	5550	---	---	19.40	≤23.62	25.08	29.18	PASS
	Ant1	5670	66.67	1.76	16.16	≤23.62	18.57	29.18	PASS
	Ant2	5670	67.57	1.70	15.58	≤23.62	18.51	29.18	PASS
	total	5670	---	---	18.89	≤23.62	24.57	29.18	PASS
	Ant1	5710	66.67	1.76	15.62	≤23.62	18.03	29.18	PASS
	Ant2	5710	66.67	1.76	15.41	≤23.62	18.34	29.18	PASS
	total	5710	---	---	18.53	≤23.62	24.21	29.18	PASS
	Ant1	5755	70.42	1.52	18.93	≤30.00	21.34	---	PASS
	Ant2	5755	67.57	1.70	18.00	≤30.00	20.93	---	PASS
	total	5755	---	---	21.50	≤30.00	27.18	---	PASS
	Ant1	5795	70.42	1.52	17.83	≤30.00	20.24	---	PASS
	Ant2	5795	65.79	1.82	18.46	≤30.00	21.39	---	PASS
	total	5795	---	---	21.17	≤30.00	26.85	---	PASS
	Ant1	5210	43.33	3.63	17.22	≤23.98	19.63	---	PASS
	Ant2	5210	50.98	2.93	15.77	≤23.98	18.70	---	PASS
	total	5210	---	---	19.57	≤23.98	25.25	---	PASS
	Ant1	5290	52.00	2.84	14.10	≤23.62	16.51	29.18	PASS
	Ant2	5290	50.00	3.01	14.73	≤23.62	17.66	29.18	PASS
	total	5290	---	---	17.44	≤23.62	23.12	29.18	PASS
	Ant1	5530	50.00	3.01	18.37	≤23.62	20.78	29.18	PASS
	Ant2	5530	49.02	3.10	17.35	≤23.62	20.28	29.18	PASS
	total	5530	---	---	20.90	≤23.62	26.58	29.18	PASS
	Ant1	5610	51.02	2.92	17.69	≤23.62	20.10	29.18	PASS
	Ant2	5610	52.00	2.84	16.95	≤23.62	19.88	29.18	PASS
	total	5610	---	---	20.35	≤23.62	26.03	29.18	PASS
	Ant1	5690	52.00	2.84	16.25	≤23.62	18.66	29.18	PASS
	Ant2	5690	52.08	2.83	16.89	≤23.62	19.82	29.18	PASS
	total	5690	---	---	19.59	≤23.62	25.27	29.18	PASS
	Ant1	5775	52.00	2.84	20.39	≤30.00	22.80	---	PASS
	Ant2	5775	50.98	2.93	21.76	≤30.00	24.69	---	PASS
	total	5775	---	---	24.14	≤30.00	29.82	---	PASS

IC Band 1 channel power:

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11N20MIMO	Ant1	5180	81.82	0.87	12.03	≤23.98	14.44	22.18	PASS
	Ant2	5180	81.15	0.91	11.72	≤23.98	14.65	22.18	PASS
	total	5180	---	---	14.89	≤23.98	20.57	22.18	PASS
	Ant1	5200	83.19	0.80	12.32	≤23.98	14.73	22.18	PASS
	Ant2	5200	80.33	0.95	11.96	≤23.98	14.89	22.18	PASS
	total	5200	---	---	15.15	≤23.98	20.83	22.18	PASS
	Ant1	5240	84.48	0.73	10.62	≤23.98	13.03	22.18	PASS
	Ant2	5240	80.99	0.92	12.32	≤23.98	15.25	22.18	PASS
	total	5240	---	---	14.56	≤23.98	20.24	22.18	PASS
11N40MIMO	Ant1	5190	71.01	1.49	13.10	≤23.98	15.51	22.18	PASS
	Ant2	5190	68.49	1.64	13.02	≤23.98	15.95	22.18	PASS
	total	5190	---	---	16.07	≤23.98	21.75	22.18	PASS
	Ant1	5230	70.00	1.55	12.28	≤23.98	14.69	22.18	PASS
	Ant2	5230	67.12	1.73	13.54	≤23.98	16.47	22.18	PASS
total	5230	---	---	15.97	≤23.98	21.65	22.18	PASS	
11AC20MIMO	Ant1	5180	79.84	0.98	12.15	≤23.98	14.56	22.18	PASS
	Ant2	5180	87.61	0.57	11.27	≤23.98	14.20	22.18	PASS
	total	5180	---	---	14.74	≤23.98	20.42	22.18	PASS
	Ant1	5200	80.00	0.97	12.48	≤23.98	14.89	22.18	PASS
	Ant2	5200	81.15	0.91	11.87	≤23.98	14.80	22.18	PASS
	total	5200	---	---	15.20	≤23.98	20.88	22.18	PASS
	Ant1	5240	80.00	0.97	10.85	≤23.98	13.26	22.18	PASS
	Ant2	5240	80.00	0.97	12.25	≤23.98	15.18	22.18	PASS
total	5240	---	---	14.62	≤23.98	20.30	22.18	PASS	
11AC40MIMO	Ant1	5190	66.67	1.76	13.38	≤23.98	15.79	22.18	PASS
	Ant2	5190	70.42	1.52	12.83	≤23.98	15.76	22.18	PASS
	total	5190	---	---	16.12	≤23.98	21.80	22.18	PASS
	Ant1	5230	66.67	1.76	12.37	≤23.98	14.78	22.18	PASS
	Ant2	5230	67.57	1.70	13.39	≤23.98	16.32	22.18	PASS
	total	5230	---	---	15.92	≤23.98	21.60	22.18	PASS
11AC80MIMO	Ant1	5210	49.02	3.10	12.86	≤23.98	15.27	22.18	PASS
	Ant2	5210	50.98	2.93	12.75	≤23.98	15.68	22.18	PASS
	total	5210	---	---	15.82	≤23.98	21.50	22.18	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 ISED: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850

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:	Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	26.4°C,46.9%RH	Test Date:	2024.10.12-2024.10.22
Test Power Supply:	DC 12V	Sample Number:	S24092008-001

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict	
11A	Ant1	5180	3.78	≤11.00	PASS	
	Ant2	5180	3.46	≤11.00	PASS	
	Ant1	5200	4.24	≤11.00	PASS	
	Ant2	5200	3.68	≤11.00	PASS	
	Ant1	5240	2.53	≤11.00	PASS	
	Ant2	5240	3.83	≤11.00	PASS	
	Ant1	5260	0.28	≤11.00	PASS	
	Ant2	5260	1.14	≤11.00	PASS	
	Ant1	5280	1.06	≤11.00	PASS	
	Ant2	5280	0.85	≤11.00	PASS	
	Ant1	5320	1.56	≤11.00	PASS	
	Ant2	5320	0.88	≤11.00	PASS	
	Ant1	5500	4.66	≤11.00	PASS	
	Ant2	5500	4.33	≤11.00	PASS	
	Ant1	5580	5.82	≤11.00	PASS	
	Ant2	5580	6.25	≤11.00	PASS	
	Ant1	5700	3.17	≤11.00	PASS	
	Ant2	5700	5.21	≤11.00	PASS	
	Ant1	5720 UNII-2C	4.22	≤11.00	PASS	
	Ant2	5720 UNII-2C	4.88	≤11.00	PASS	
	Ant1	5720 UNII-3	1.12	≤30.00	PASS	
	Ant2	5720 UNII-3	1.36	≤30.00	PASS	
	Ant1	5745	5.03	≤30.00	PASS	
	Ant2	5745	4.76	≤30.00	PASS	
	Ant1	5785	4.15	≤30.00	PASS	
	Ant2	5785	5.22	≤30.00	PASS	
	Ant1	5825	5.54	≤30.00	PASS	
	Ant2	5825	5.40	≤30.00	PASS	
	11N20MIMO	Ant1	5180	3.46	≤11.00	PASS
		Ant2	5180	2.66	≤11.00	PASS
total		5180	6.09	≤11.00	PASS	
Ant1		5200	3.12	≤11.00	PASS	
Ant2		5200	2.77	≤11.00	PASS	
total		5200	5.96	≤11.00	PASS	
Ant1		5240	2.11	≤11.00	PASS	
Ant2		5240	2.80	≤11.00	PASS	
total		5240	5.48	≤11.00	PASS	
Ant1		5260	0.06	≤11.00	PASS	
Ant2		5260	1.74	≤11.00	PASS	
total		5260	3.99	≤11.00	PASS	
Ant1		5280	0.36	≤11.00	PASS	
Ant2		5280	1.31	≤11.00	PASS	
total		5280	3.87	≤11.00	PASS	
Ant1		5320	0.53	≤11.00	PASS	
Ant2		5320	1.31	≤11.00	PASS	
total		5320	3.95	≤11.00	PASS	
Ant1		5500	3.90	≤11.00	PASS	
Ant2		5500	2.38	≤11.00	PASS	
total		5500	6.22	≤11.00	PASS	
Ant1		5580	5.37	≤11.00	PASS	
Ant2		5580	4.28	≤11.00	PASS	
total		5580	7.87	≤11.00	PASS	
Ant1		5700	2.39	≤11.00	PASS	
Ant2		5700	3.13	≤11.00	PASS	
total		5700	5.79	≤11.00	PASS	

	Ant1	5720 UNII-2C	2.94	≤11.00	PASS
	Ant2	5720 UNII-2C	3.11	≤11.00	PASS
	total	5720 UNII-2C	6.04	≤11.00	PASS
	Ant1	5720 UNII-3	-0.04	≤30.00	PASS
	Ant2	5720 UNII-3	-0.30	≤30.00	PASS
	total	5720 UNII-3	2.84	≤30.00	PASS
	Ant1	5745	4.24	≤30.00	PASS
	Ant2	5745	3.12	≤30.00	PASS
	total	5745	6.73	≤30.00	PASS
	Ant1	5785	3.58	≤30.00	PASS
	Ant2	5785	3.67	≤30.00	PASS
	total	5785	6.64	≤30.00	PASS
	Ant1	5825	3.64	≤30.00	PASS
	Ant2	5825	3.83	≤30.00	PASS
	total	5825	6.75	≤30.00	PASS
11N40MIMO	Ant2	5190	1.21	≤11.00	PASS
	total	5190	3.66	≤11.00	PASS
	Ant1	5230	1.31	≤11.00	PASS
	Ant2	5230	1.55	≤11.00	PASS
	total	5230	4.44	≤11.00	PASS
	Ant1	5270	-1.06	≤11.00	PASS
	Ant2	5270	-0.10	≤11.00	PASS
	total	5270	2.46	≤11.00	PASS
	Ant1	5310	-0.18	≤11.00	PASS
	Ant2	5310	-0.09	≤11.00	PASS
	total	5310	2.88	≤11.00	PASS
	Ant1	5510	3.15	≤11.00	PASS
	Ant2	5510	2.08	≤11.00	PASS
	total	5510	5.66	≤11.00	PASS
	Ant1	5550	3.92	≤11.00	PASS
	Ant2	5550	3.34	≤11.00	PASS
	total	5550	6.65	≤11.00	PASS
	Ant1	5670	2.83	≤11.00	PASS
	Ant2	5670	2.06	≤11.00	PASS
	total	5670	5.47	≤11.00	PASS
	Ant1	5710 UNII-2C	1.52	≤11.00	PASS
	Ant2	5710 UNII-2C	5.09	≤11.00	PASS
	total	5710 UNII-2C	6.67	≤11.00	PASS
	Ant1	5710 UNII-3	-2.78	≤30.00	PASS
	Ant2	5710 UNII-3	0.26	≤30.00	PASS
	total	5710 UNII-3	2.01	≤30.00	PASS
	Ant1	5755	1.87	≤30.00	PASS
	Ant2	5755	1.19	≤30.00	PASS
	total	5755	4.55	≤30.00	PASS
	Ant1	5795	0.45	≤30.00	PASS
Ant2	5795	1.29	≤30.00	PASS	
total	5795	3.90	≤30.00	PASS	
11AC20MIMO	Ant1	5180	3.31	≤11.00	PASS
	Ant2	5180	2.99	≤11.00	PASS
	total	5180	6.16	≤11.00	PASS
	Ant1	5200	3.90	≤11.00	PASS
	Ant2	5200	3.13	≤11.00	PASS
	total	5200	6.54	≤11.00	PASS
	Ant1	5240	2.14	≤11.00	PASS
	Ant2	5240	3.16	≤11.00	PASS
	total	5240	5.69	≤11.00	PASS
	Ant1	5260	0.10	≤11.00	PASS
	Ant2	5260	0.45	≤11.00	PASS
	total	5260	3.29	≤11.00	PASS
	Ant1	5280	0.66	≤11.00	PASS
	Ant2	5280	-0.25	≤11.00	PASS
	total	5280	3.24	≤11.00	PASS
Ant1	5320	1.13	≤11.00	PASS	
Ant2	5320	-0.20	≤11.00	PASS	

	total	5320	3.53	≤11.00	PASS
	Ant1	5500	4.28	≤11.00	PASS
	Ant2	5500	2.53	≤11.00	PASS
	total	5500	6.50	≤11.00	PASS
	Ant1	5580	5.15	≤11.00	PASS
	Ant2	5580	4.02	≤11.00	PASS
	total	5580	7.63	≤11.00	PASS
	Ant1	5700	2.43	≤11.00	PASS
	Ant2	5700	2.90	≤11.00	PASS
	total	5700	5.68	≤11.00	PASS
	Ant1	5720 UNII-2C	3.64	≤11.00	PASS
	Ant2	5720 UNII-2C	2.53	≤11.00	PASS
	total	5720 UNII-2C	6.13	≤11.00	PASS
	Ant1	5720 UNII-3	0.50	≤30.00	PASS
	Ant2	5720 UNII-3	-0.59	≤30.00	PASS
	total	5720 UNII-3	3.00	≤30.00	PASS
	Ant1	5745	3.59	≤30.00	PASS
	Ant2	5745	2.59	≤30.00	PASS
	total	5745	6.13	≤30.00	PASS
	Ant1	5785	3.06	≤30.00	PASS
	Ant2	5785	3.23	≤30.00	PASS
	total	5785	6.16	≤30.00	PASS
	Ant1	5825	3.57	≤30.00	PASS
	Ant2	5825	3.11	≤30.00	PASS
	total	5825	6.36	≤30.00	PASS
	Ant1	5190	0.64	≤11.00	PASS
	Ant2	5190	0.60	≤11.00	PASS
	total	5190	3.63	≤11.00	PASS
	Ant1	5230	0.11	≤11.00	PASS
	Ant2	5230	0.53	≤11.00	PASS
	total	5230	3.34	≤11.00	PASS
	Ant1	5270	-2.29	≤11.00	PASS
	Ant2	5270	-0.77	≤11.00	PASS
	total	5270	1.55	≤11.00	PASS
	Ant1	5310	-1.09	≤11.00	PASS
	Ant2	5310	-0.66	≤11.00	PASS
	total	5310	2.14	≤11.00	PASS
	Ant1	5510	2.34	≤11.00	PASS
	Ant2	5510	0.67	≤11.00	PASS
	total	5510	4.60	≤11.00	PASS
	Ant1	5550	2.52	≤11.00	PASS
	Ant2	5550	1.76	≤11.00	PASS
	total	5550	5.17	≤11.00	PASS
	Ant1	5670	2.07	≤11.00	PASS
	Ant2	5670	0.72	≤11.00	PASS
	total	5670	4.46	≤11.00	PASS
	Ant1	5710 UNII-2C	1.10	≤11.00	PASS
	Ant2	5710 UNII-2C	0.75	≤11.00	PASS
	total	5710 UNII-2C	3.94	≤11.00	PASS
	Ant1	5710 UNII-3	-3.29	≤30.00	PASS
	Ant2	5710 UNII-3	-3.97	≤30.00	PASS
	total	5710 UNII-3	-0.61	≤30.00	PASS
	Ant1	5755	1.80	≤30.00	PASS
	Ant2	5755	0.50	≤30.00	PASS
	total	5755	4.21	≤30.00	PASS
	Ant1	5795	0.59	≤30.00	PASS
	Ant2	5795	0.89	≤30.00	PASS
	total	5795	3.75	≤30.00	PASS
11AC40MIMO	Ant1	5210	0.01	≤11.00	PASS
	Ant2	5210	-1.86	≤11.00	PASS
	total	5210	2.19	≤11.00	PASS
	Ant1	5290	-3.74	≤11.00	PASS
	Ant2	5290	-3.23	≤11.00	PASS
	total	5290	-0.47	≤11.00	PASS
11AC80MIMO	Ant1	5210	0.01	≤11.00	PASS
	Ant2	5210	-1.86	≤11.00	PASS
	total	5210	2.19	≤11.00	PASS
	Ant1	5290	-3.74	≤11.00	PASS
	Ant2	5290	-3.23	≤11.00	PASS
	total	5290	-0.47	≤11.00	PASS

	Ant1	5530	1.09	≤11.00	PASS
	Ant2	5530	0.29	≤11.00	PASS
	total	5530	3.72	≤11.00	PASS
	Ant1	5610	-0.11	≤11.00	PASS
	Ant2	5610	-0.45	≤11.00	PASS
	total	5610	2.73	≤11.00	PASS
	Ant1	5690 UNII-2C	-1.11	≤11.00	PASS
	Ant2	5690 UNII-2C	-0.81	≤11.00	PASS
	total	5690 UNII-2C	2.05	≤11.00	PASS
	Ant1	5690 UNII-3	-8.30	≤30.00	PASS
	Ant2	5690 UNII-3	-8.00	≤30.00	PASS
	total	5690 UNII-3	-5.14	≤30.00	PASS
	Ant1	5775	-0.38	≤30.00	PASS
	Ant2	5775	1.33	≤30.00	PASS
	total	5775	3.57	≤30.00	PASS

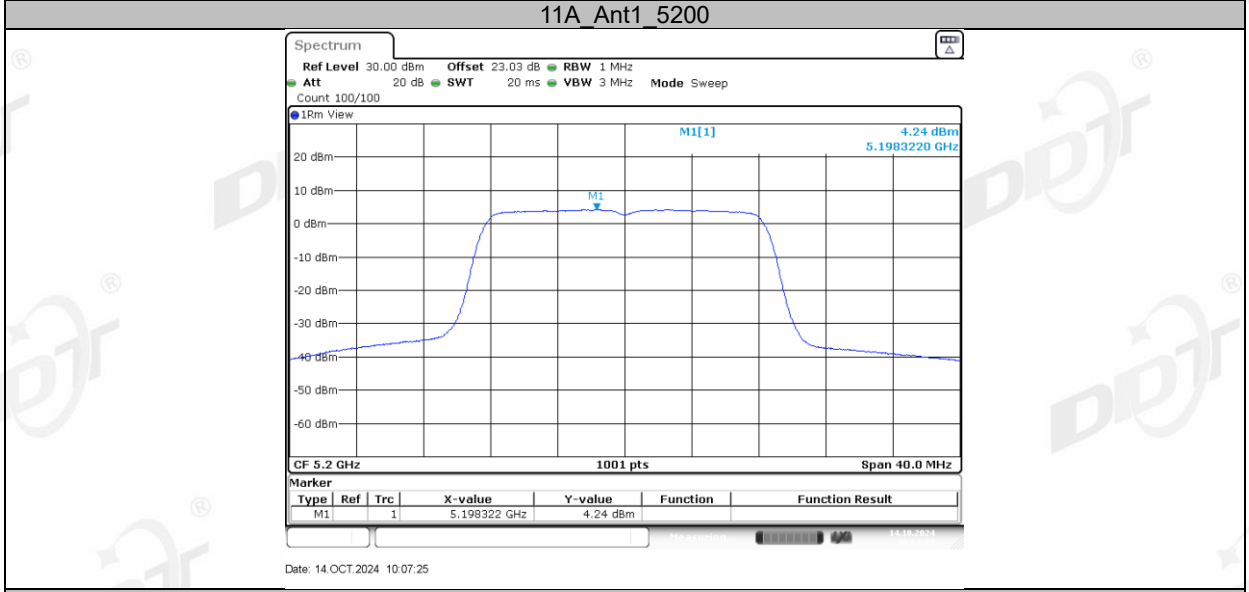
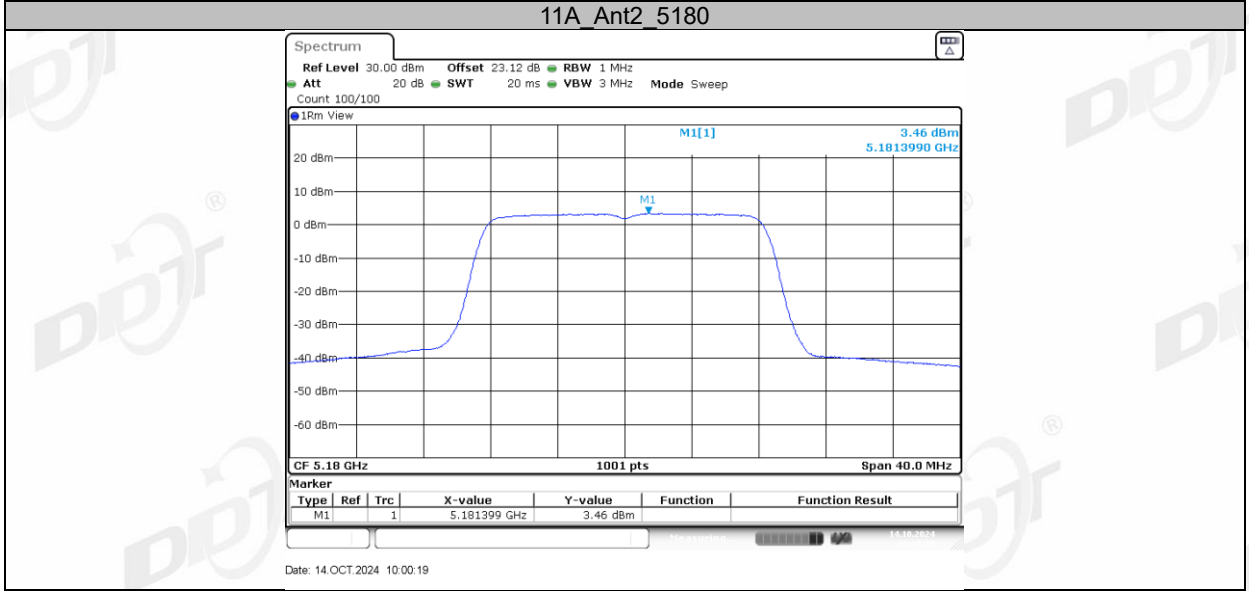
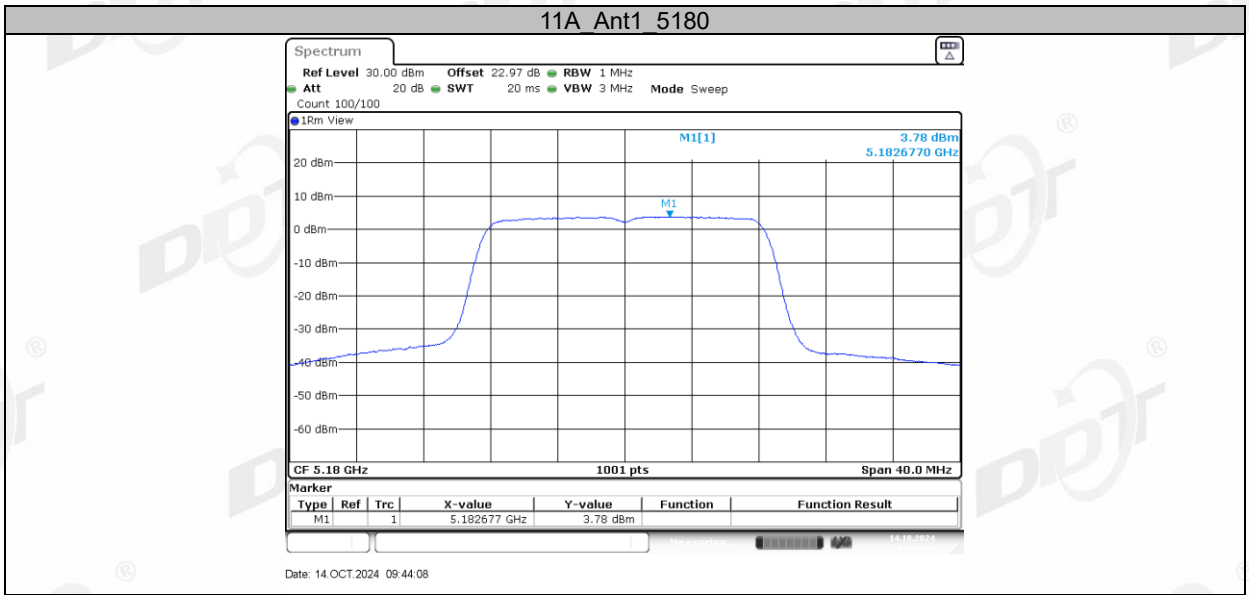
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

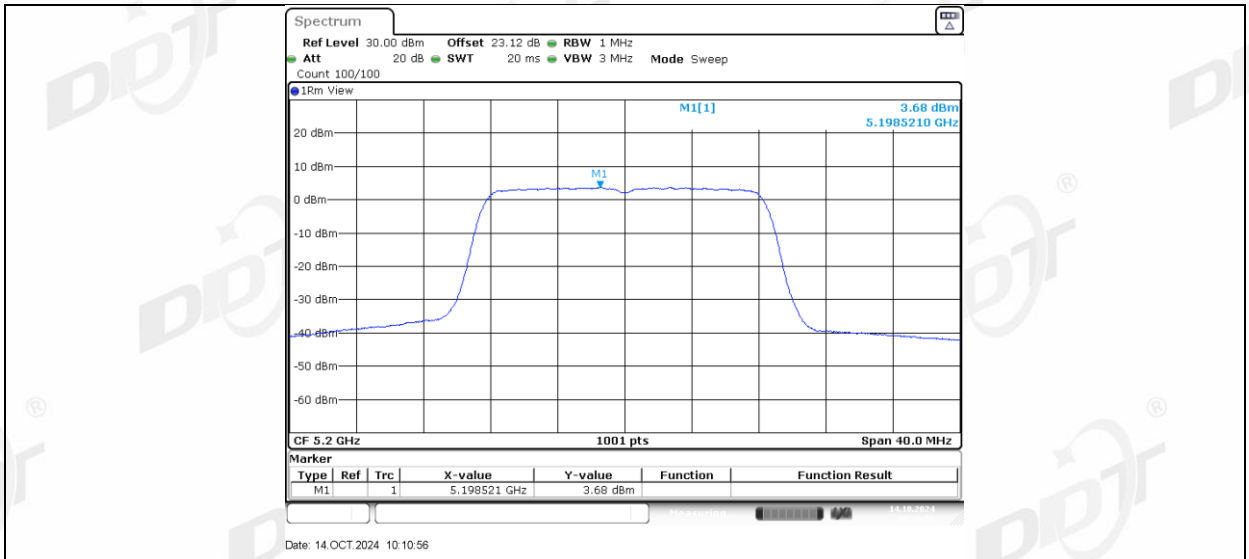
IC band1 Power Spectral Density:

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	EIRP Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20MIMO	Ant1	5180	0.31	5.99	≤10.00	PASS
	Ant2	5180	0.11	5.79	≤10.00	PASS
	total	5180	3.22	8.9	≤10.00	PASS
	Ant1	5200	0.53	6.21	≤10.00	PASS
	Ant2	5200	0.32	6	≤10.00	PASS
	total	5200	3.44	9.12	≤10.00	PASS
	Ant1	5240	-1.22	4.46	≤10.00	PASS
	Ant2	5240	0.51	6.19	≤10.00	PASS
	total	5240	2.74	8.42	≤10.00	PASS
11N40MIMO	Ant1	5190	-1.22	4.46	≤10.00	PASS
	Ant2	5190	-1.15	4.53	≤10.00	PASS
	total	5190	1.83	7.51	≤10.00	PASS
	Ant1	5230	-2.12	3.56	≤10.00	PASS
	Ant2	5230	-1.02	4.66	≤10.00	PASS
total	5230	1.48	7.16	≤10.00	PASS	
11AC20MIMO	Ant1	5180	0.56	6.24	≤10.00	PASS
	Ant2	5180	-0.38	5.3	≤10.00	PASS
	total	5180	3.13	8.81	≤10.00	PASS
	Ant1	5200	0.71	6.39	≤10.00	PASS
	Ant2	5200	0.14	5.82	≤10.00	PASS
	total	5200	3.44	9.12	≤10.00	PASS
	Ant1	5240	-1.08	4.6	≤10.00	PASS
	Ant2	5240	0.38	6.06	≤10.00	PASS
total	5240	2.72	8.4	≤10.00	PASS	
11AC40MIMO	Ant1	5190	-0.97	4.71	≤10.00	PASS
	Ant2	5190	-1.42	4.26	≤10.00	PASS
	total	5190	1.82	7.5	≤10.00	PASS
	Ant1	5230	-2.15	3.53	≤10.00	PASS
	Ant2	5230	-1.22	4.46	≤10.00	PASS
	total	5230	1.35	7.03	≤10.00	PASS
11AC80MIMO	Ant1	5210	-3.41	2.27	≤10.00	PASS
	Ant2	5210	-3.27	2.41	≤10.00	PASS
	total	5210	-0.33	5.35	≤10.00	PASS

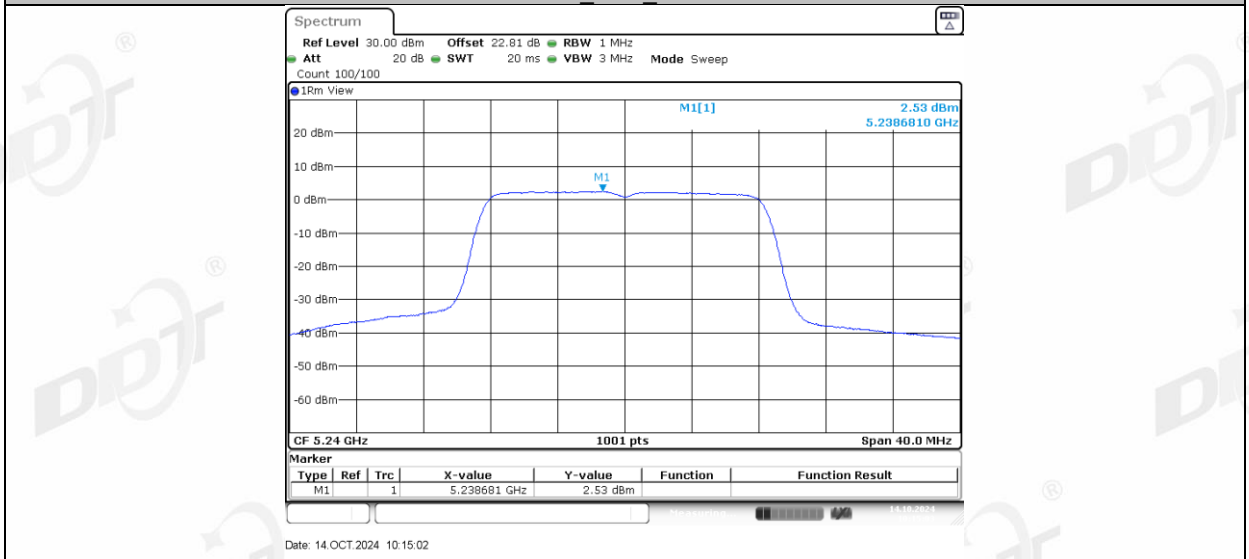
9.5. Test graphs



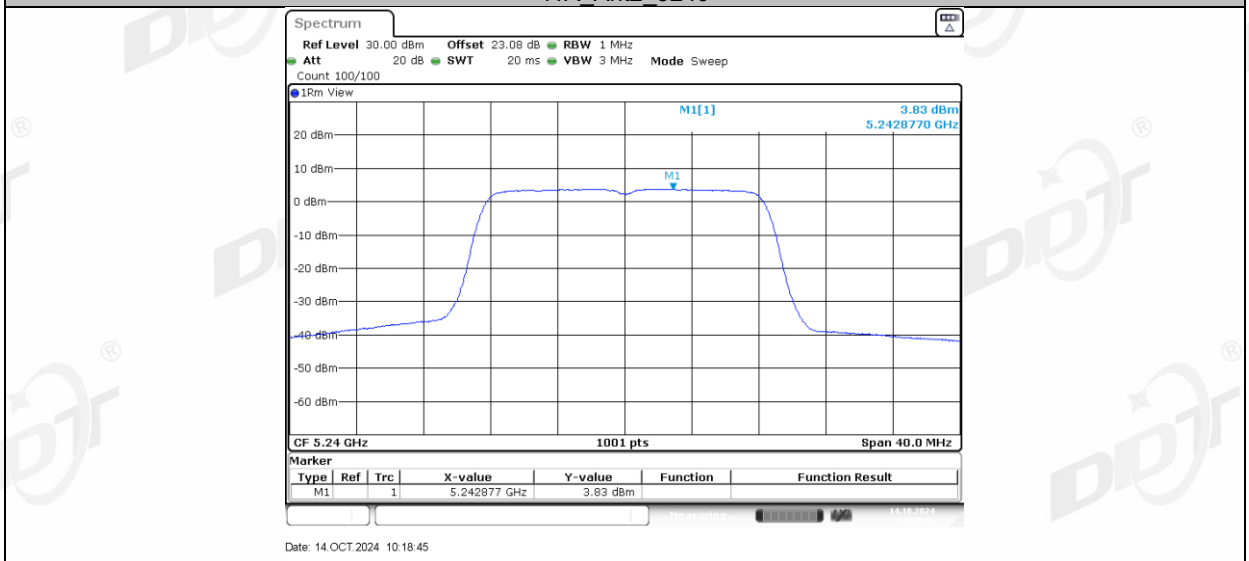
11A_Ant2_5200



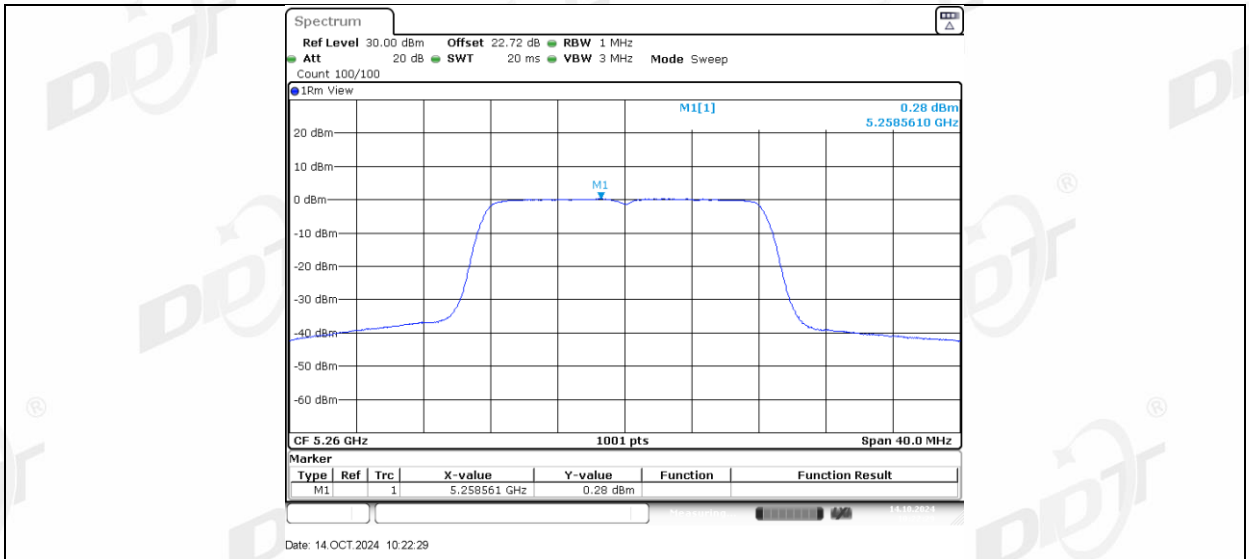
11A_Ant1_5240



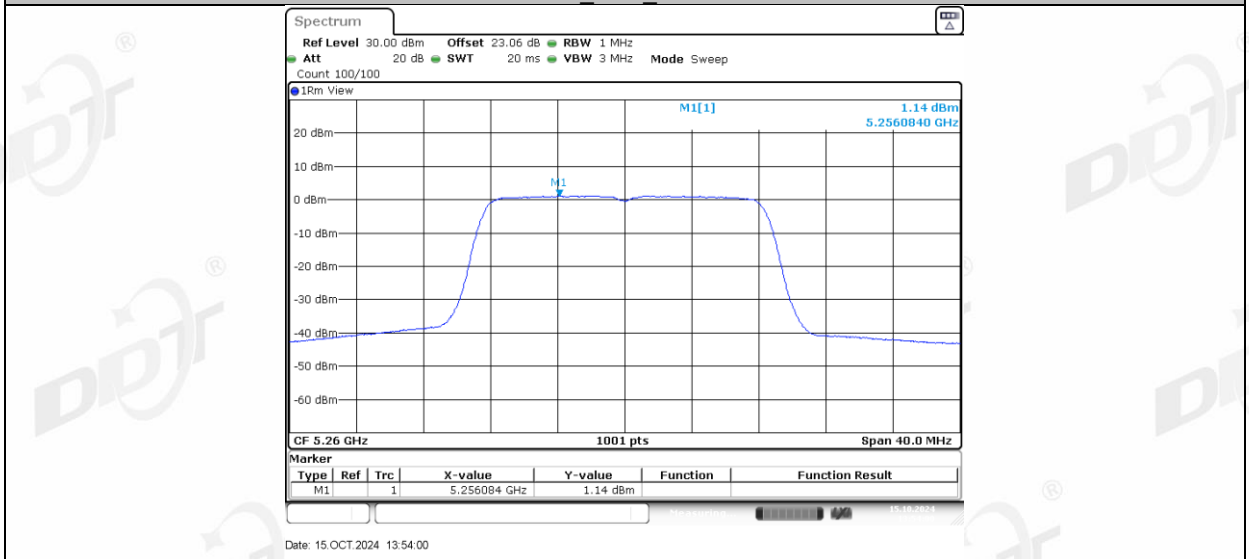
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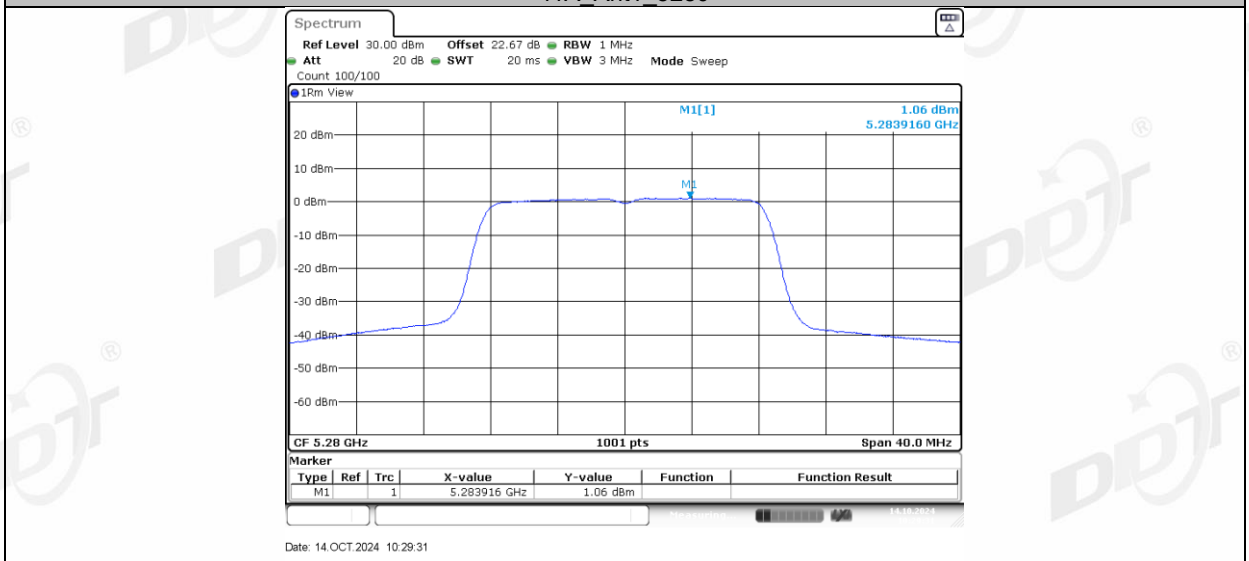
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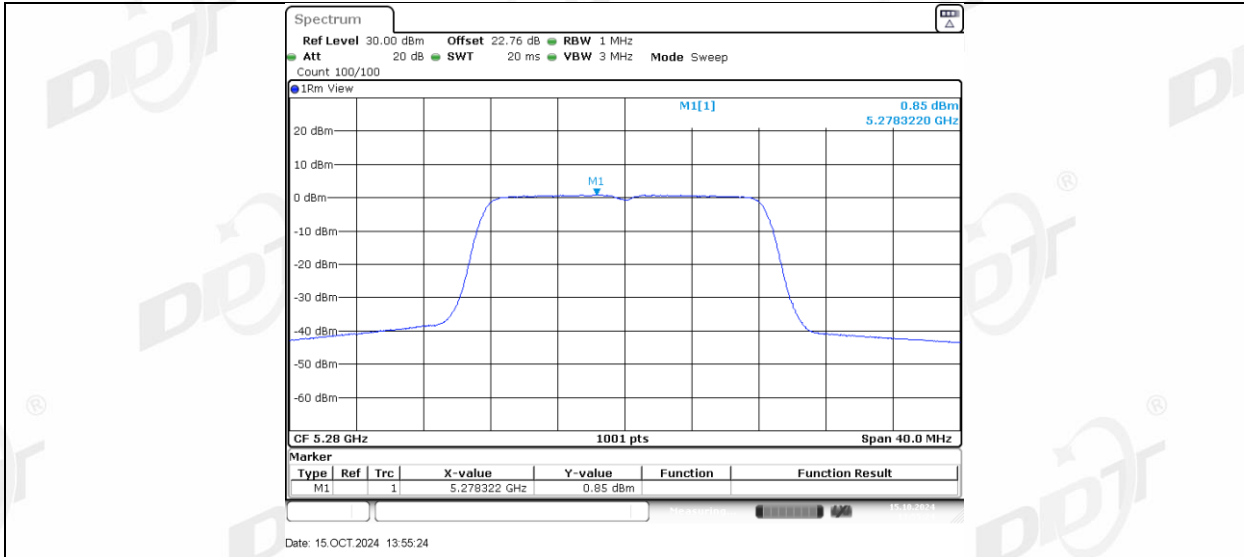
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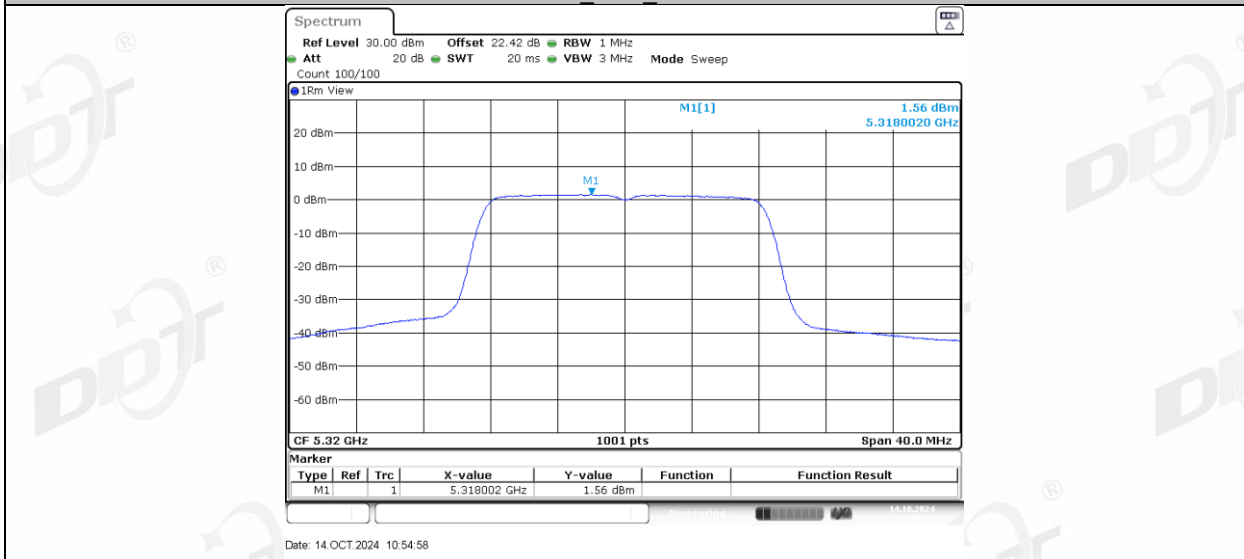
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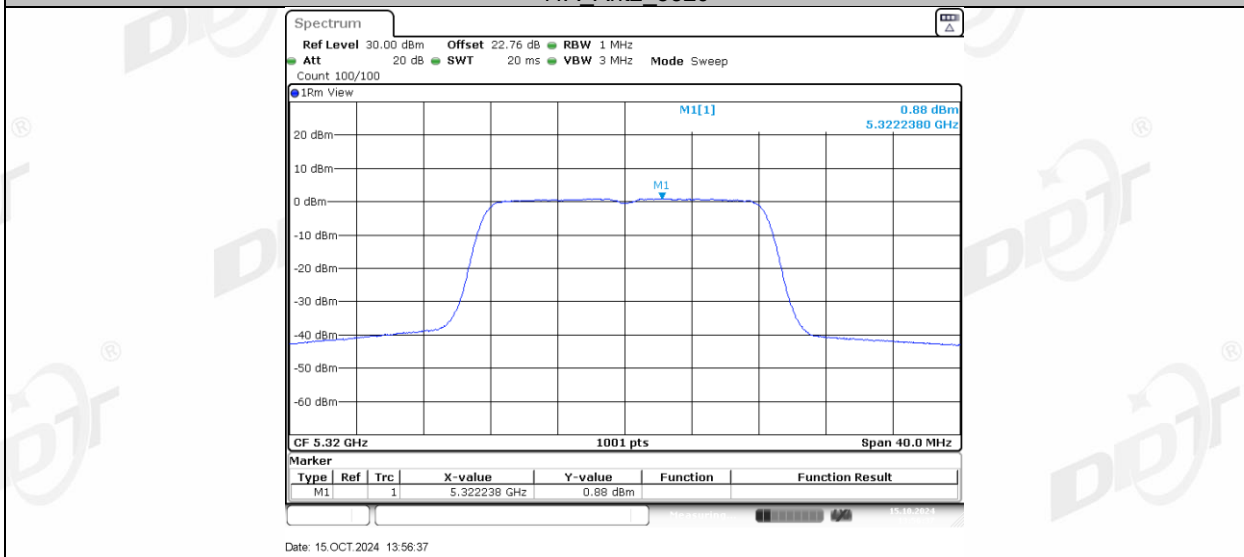
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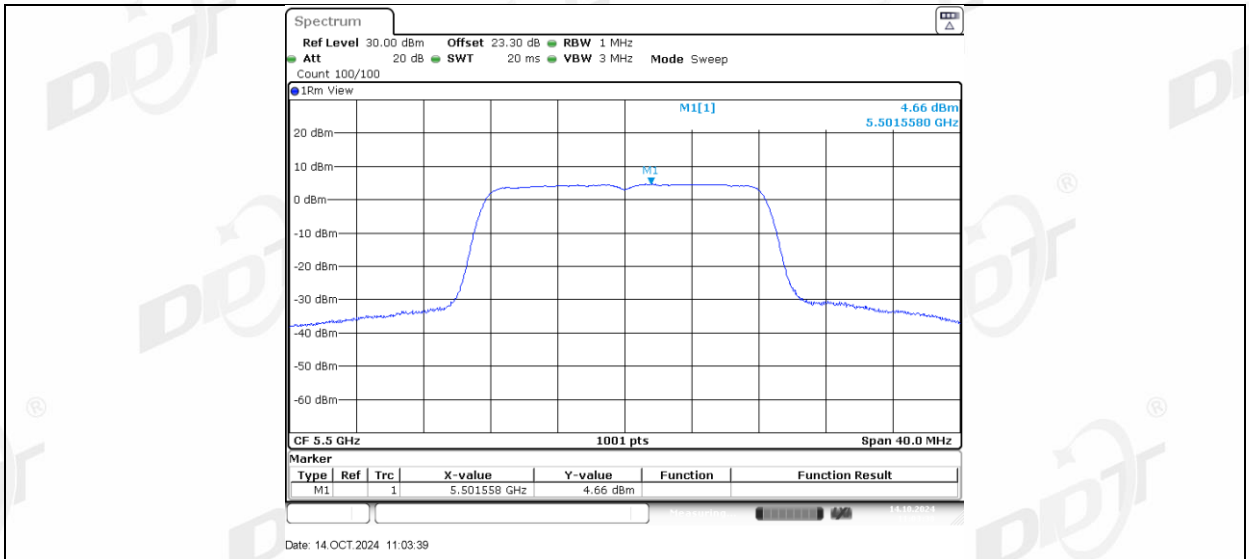
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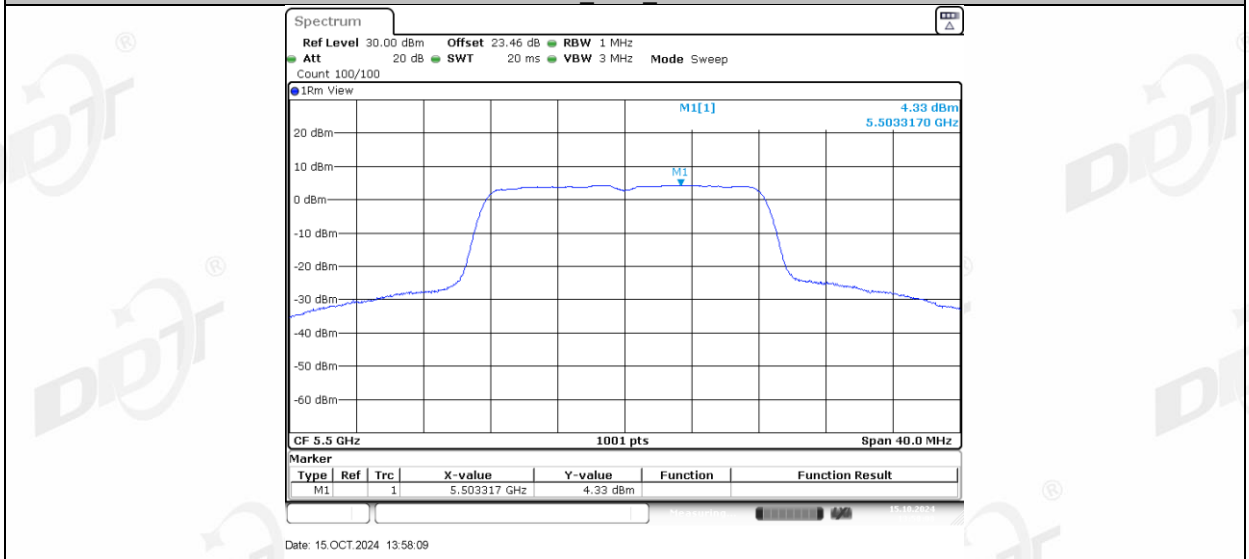
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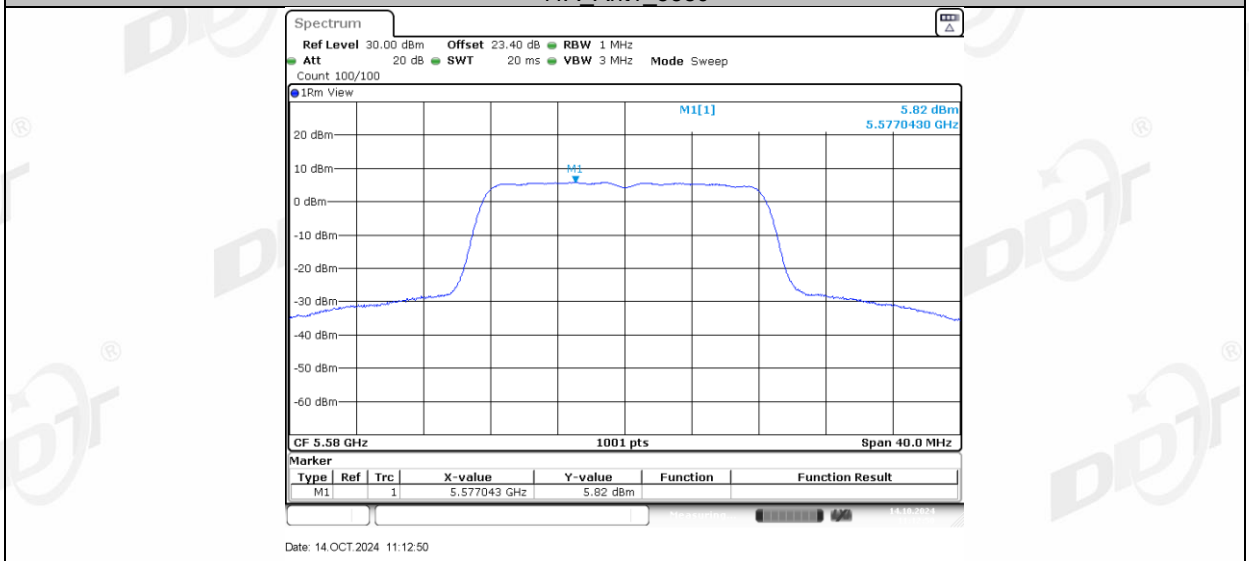
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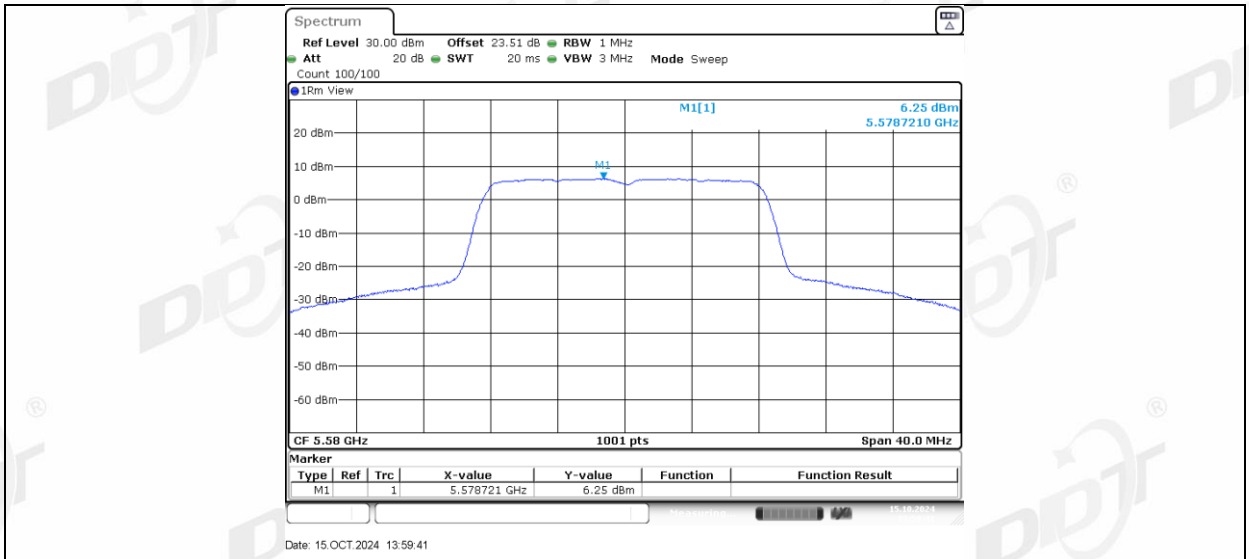
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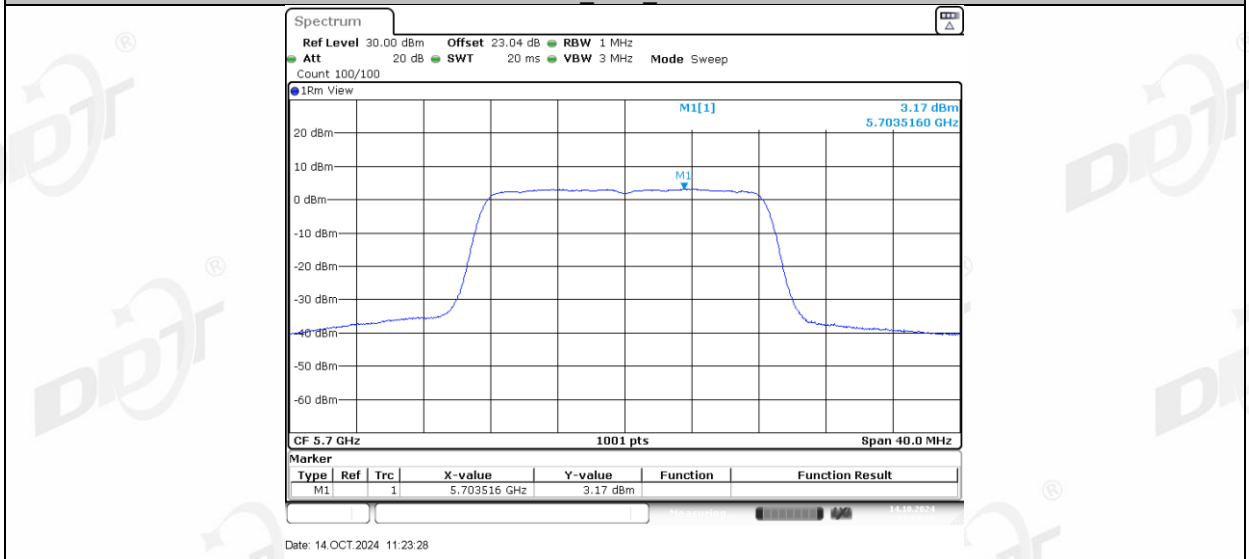
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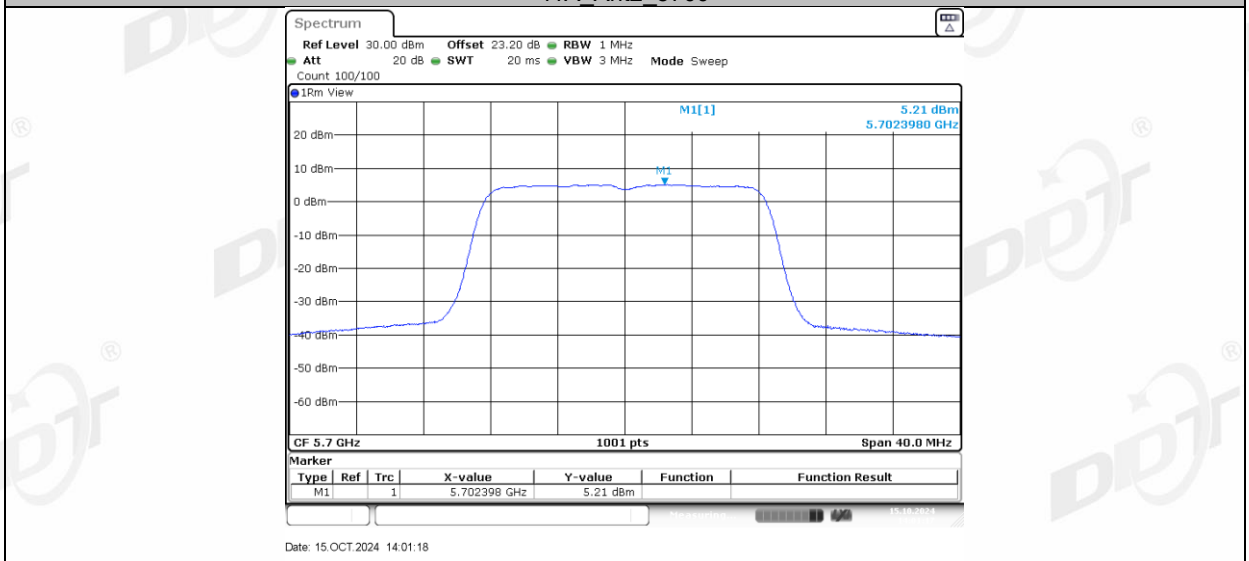
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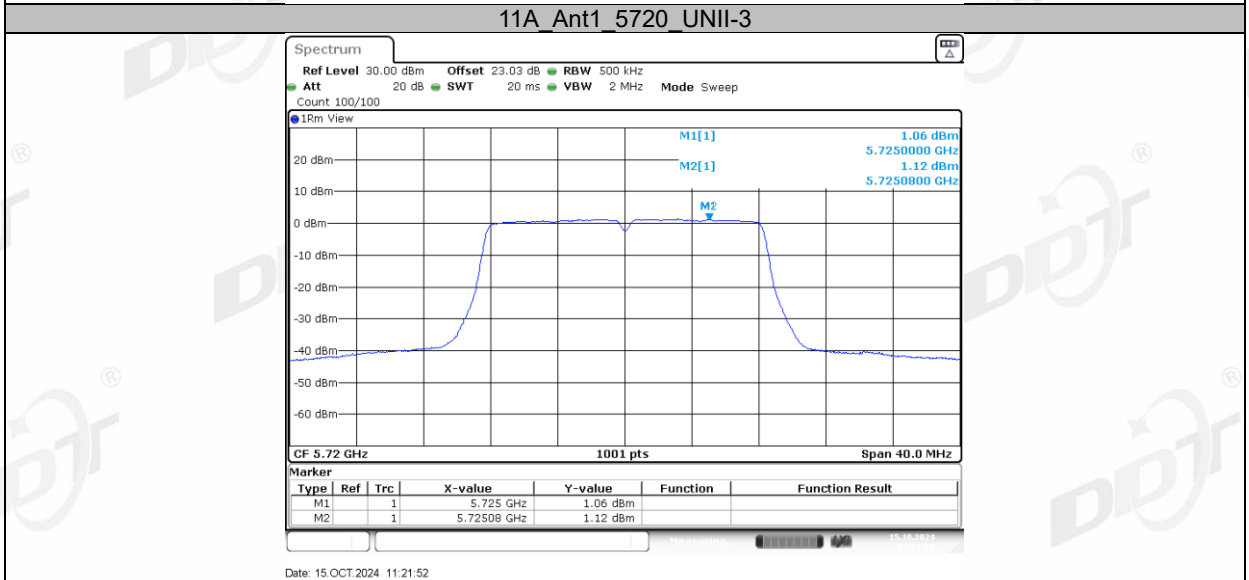
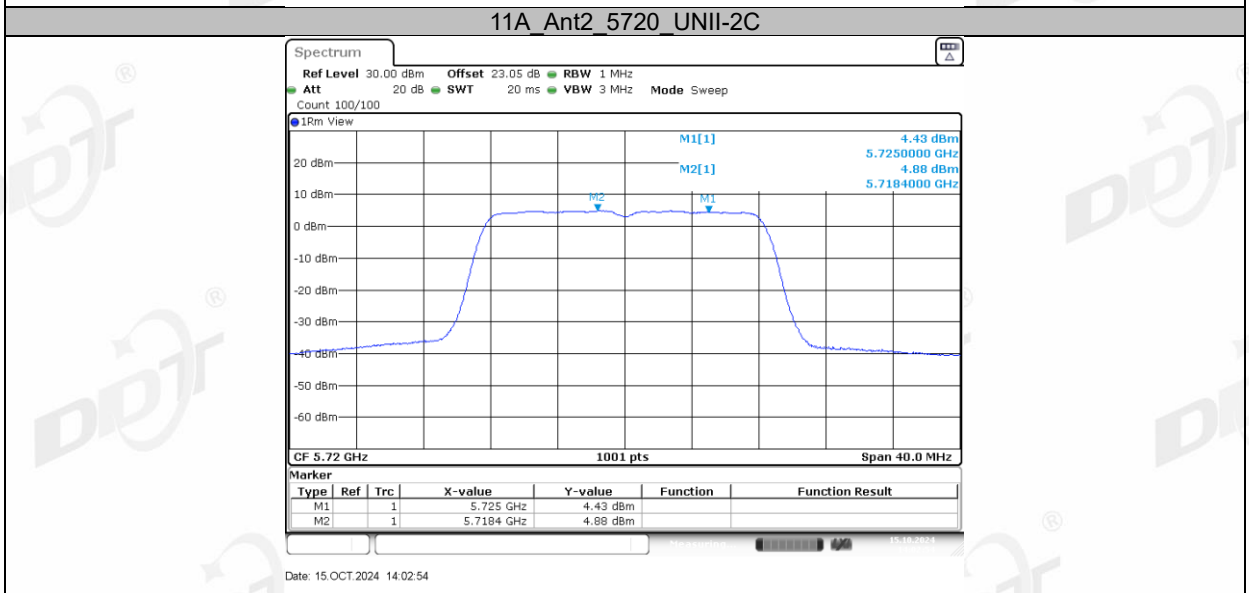
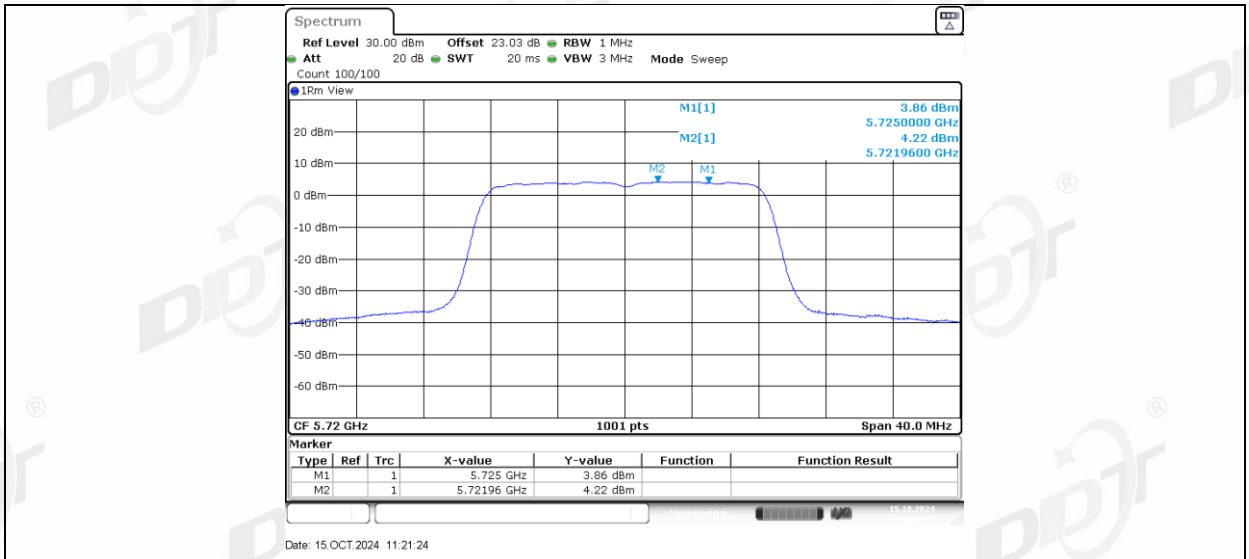
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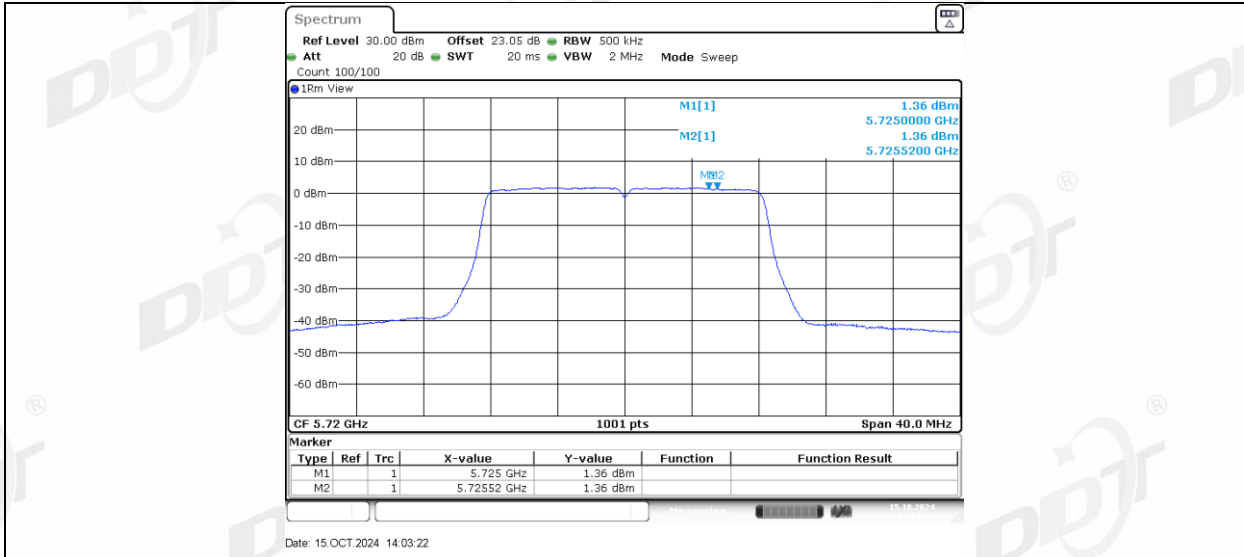
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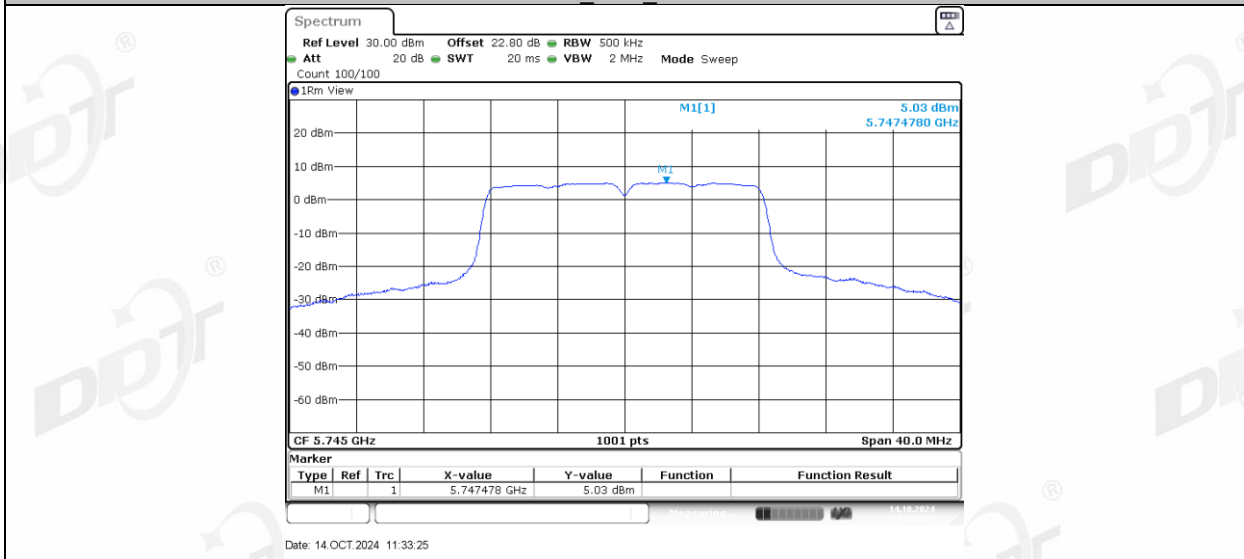
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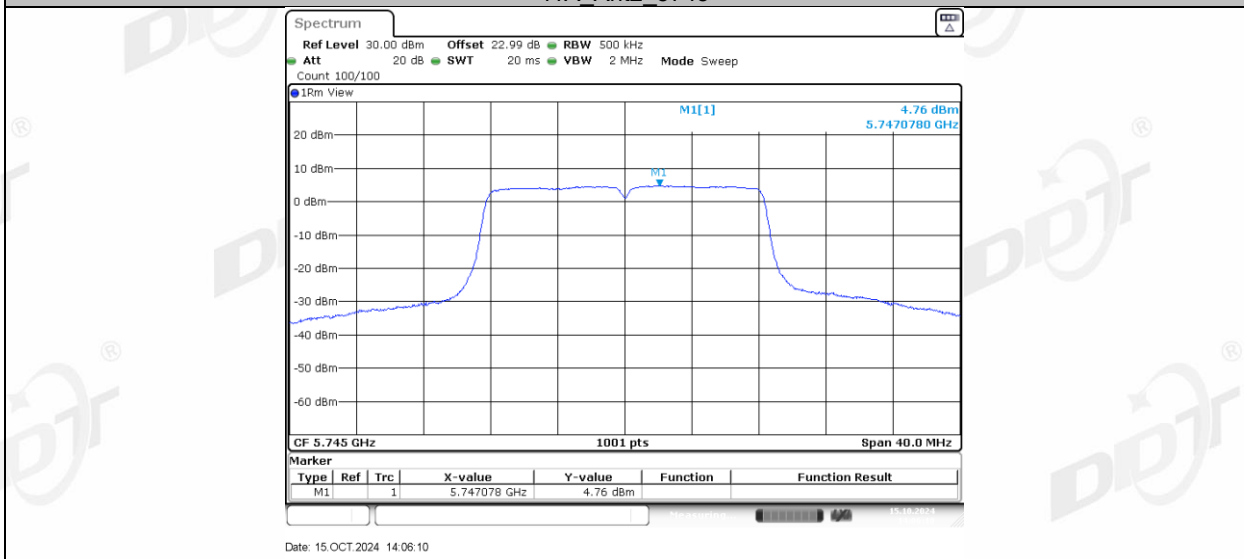
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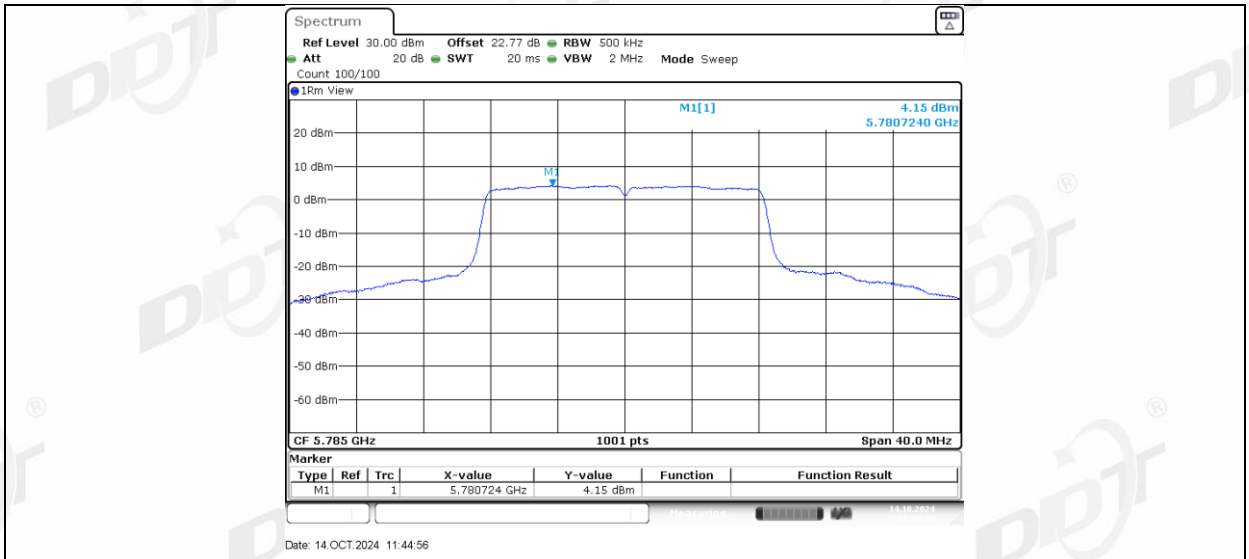
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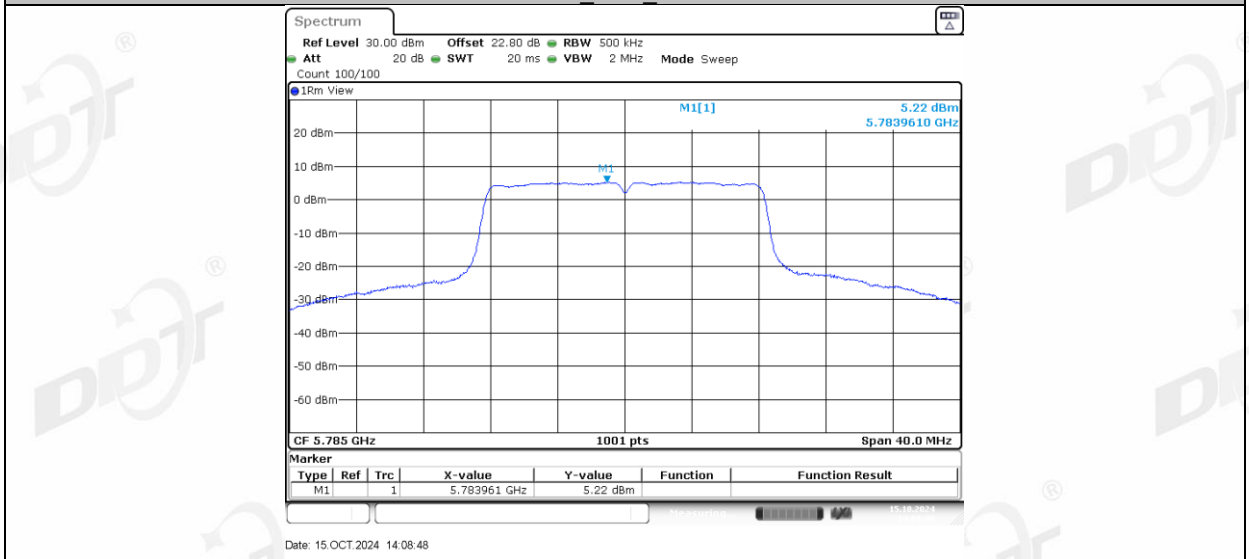
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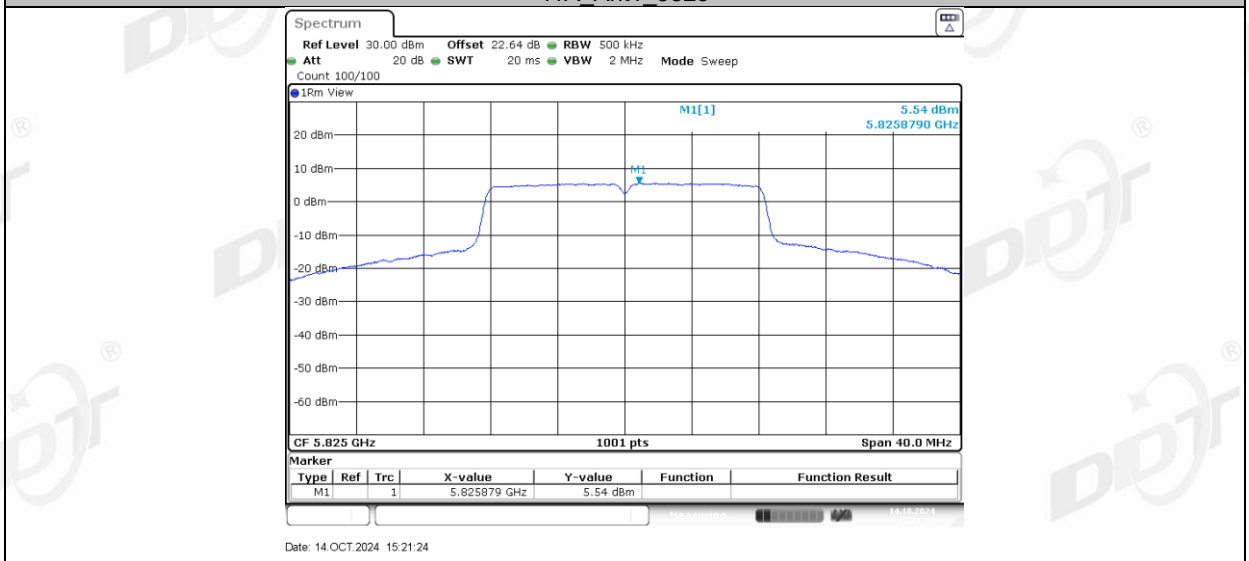
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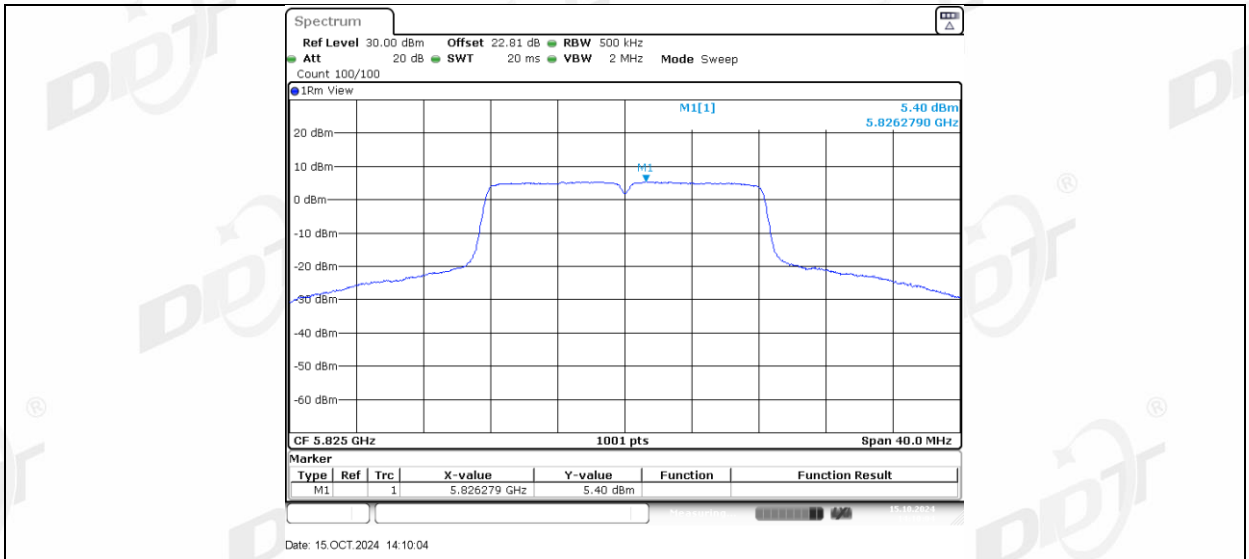
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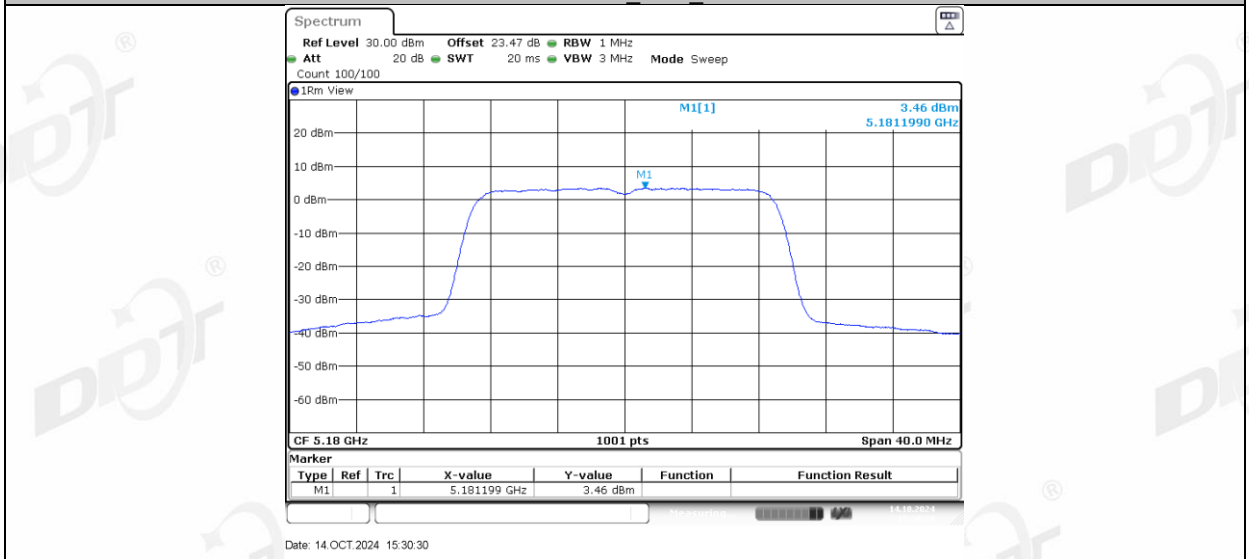
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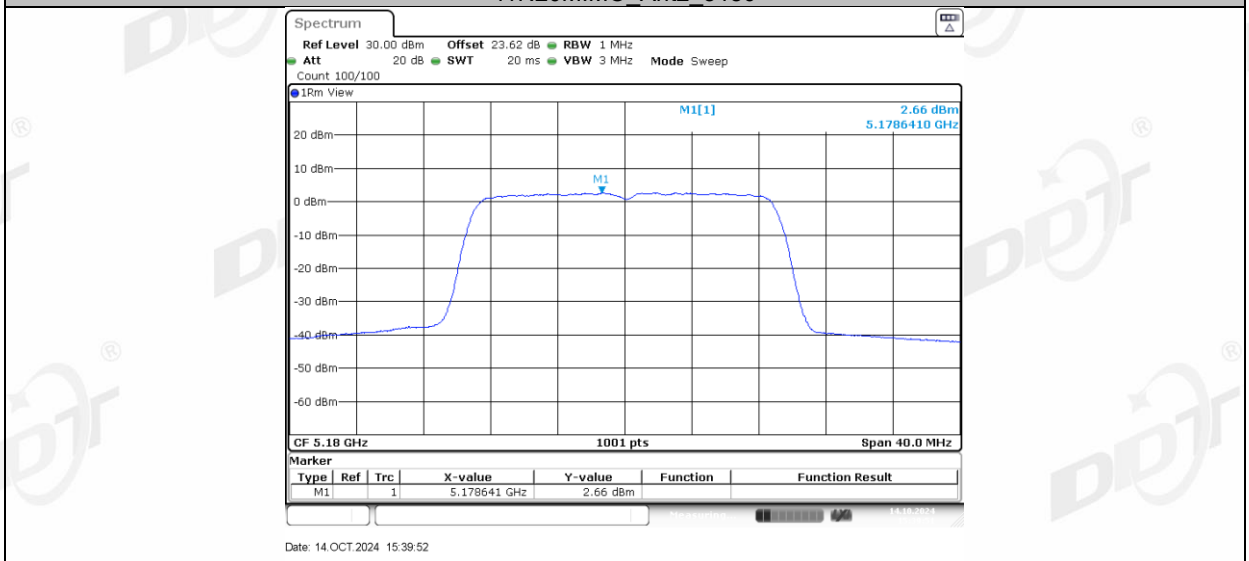
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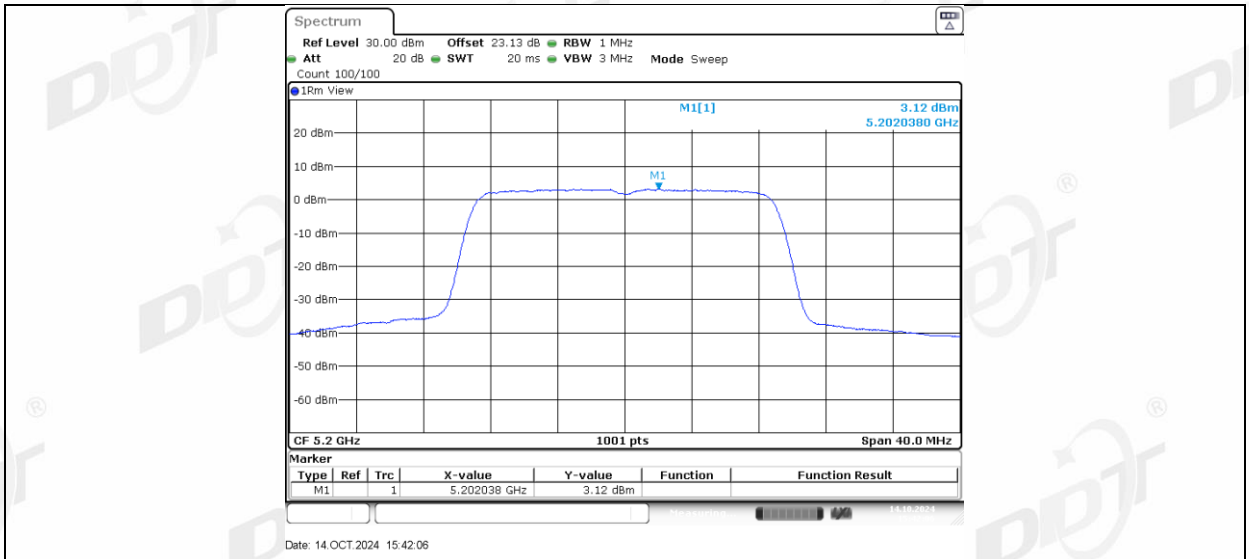
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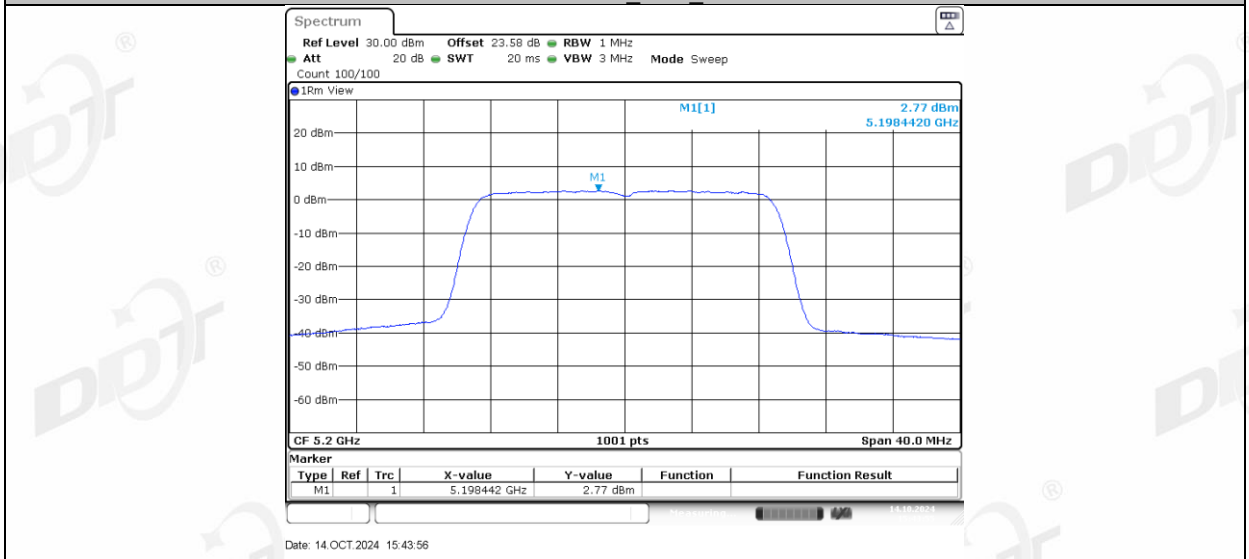
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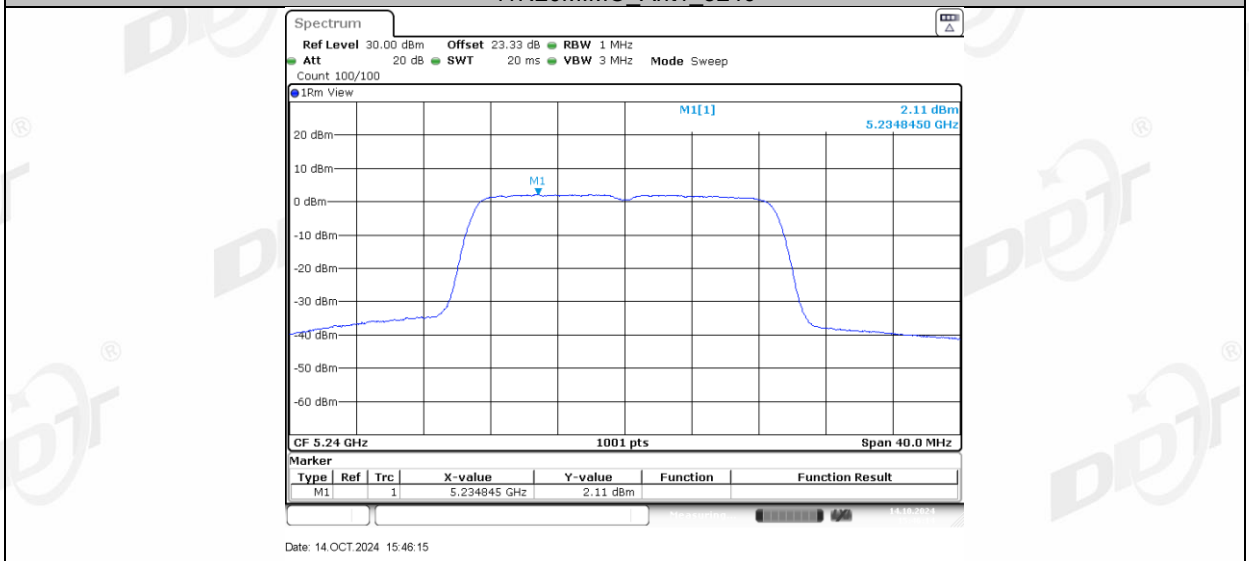
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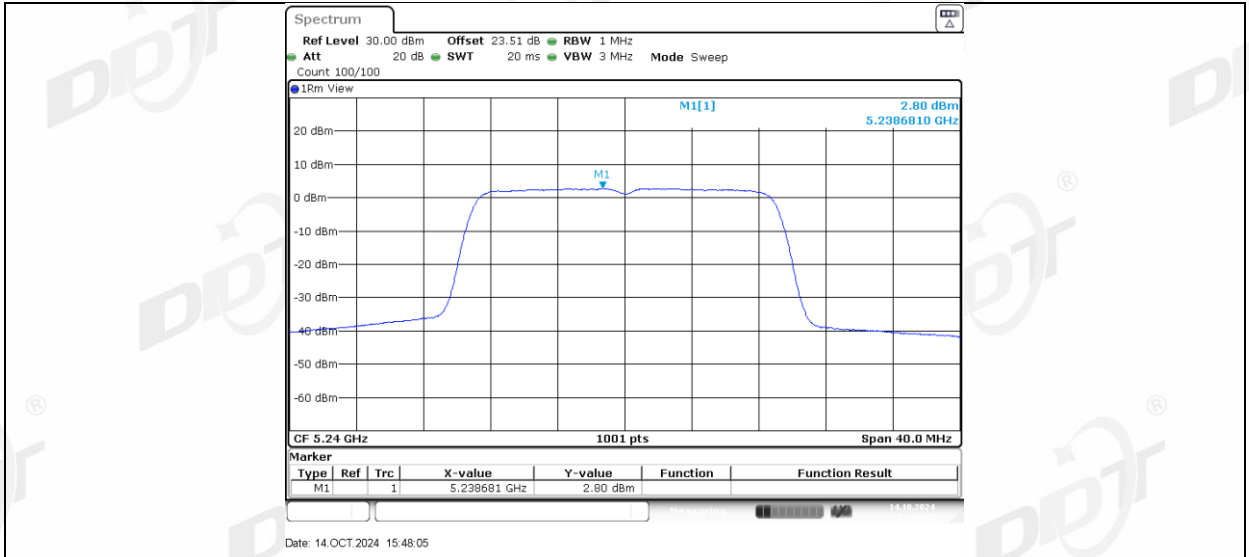
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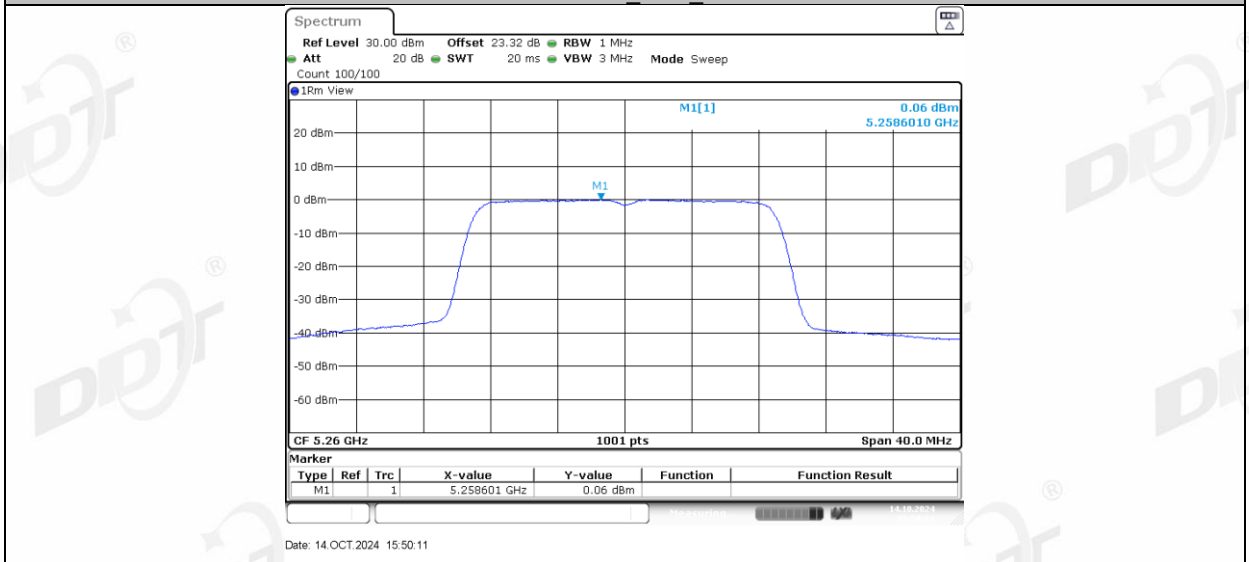
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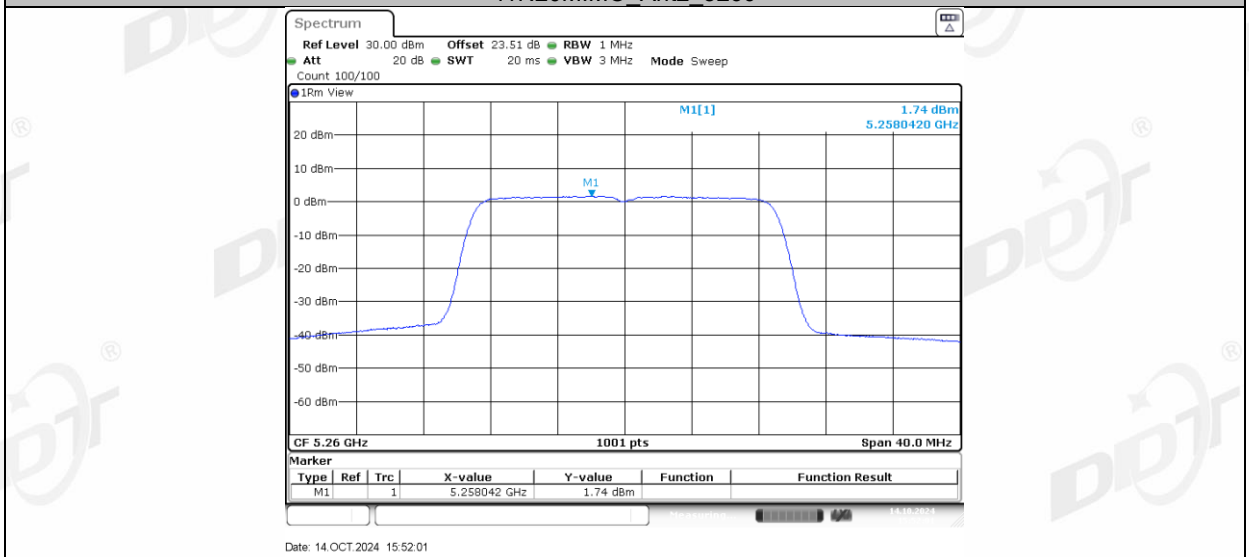
11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5280