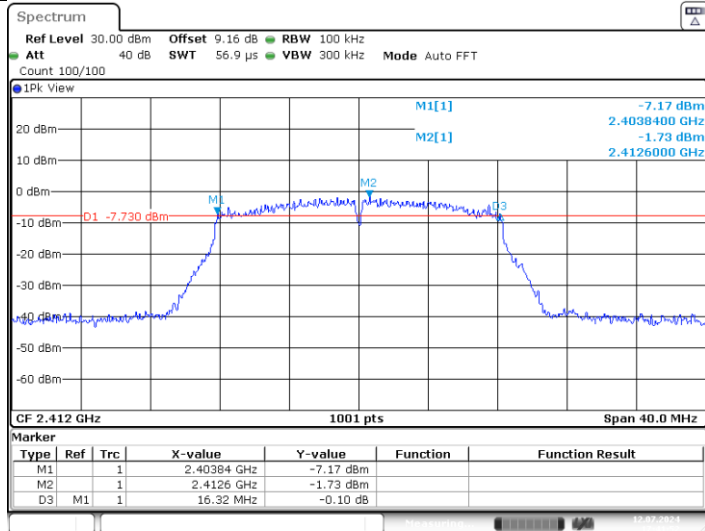
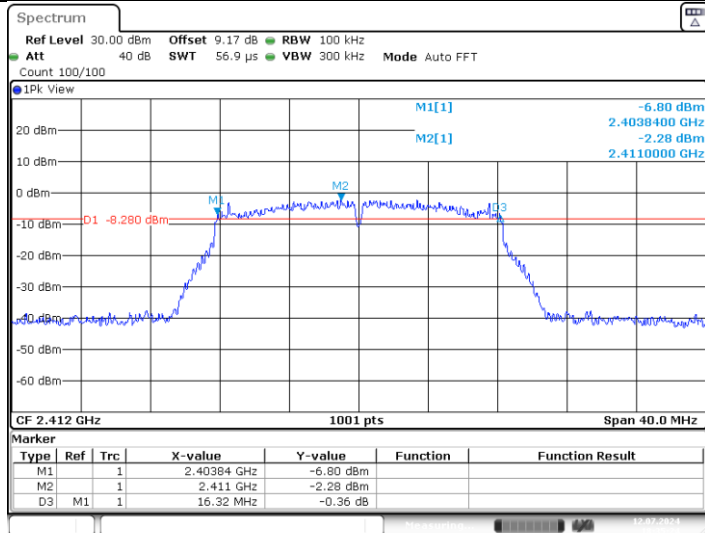


11G_Ant1_2412



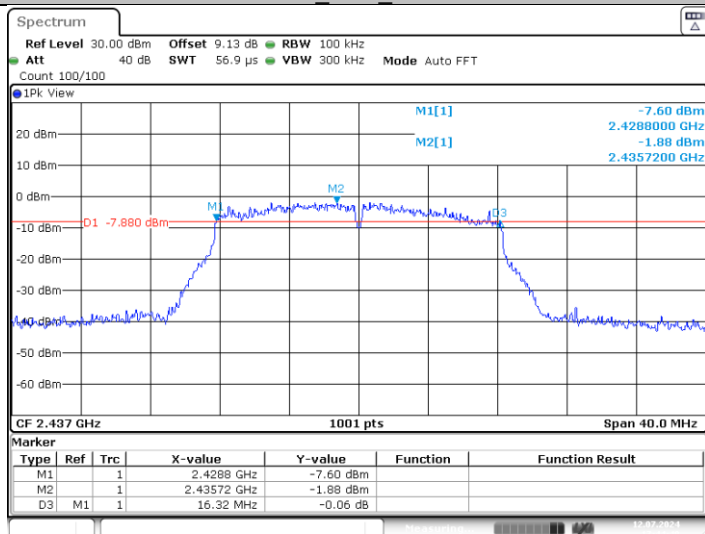
Date: 12.JUL.2024 17:41:52

11G_Ant2_2412



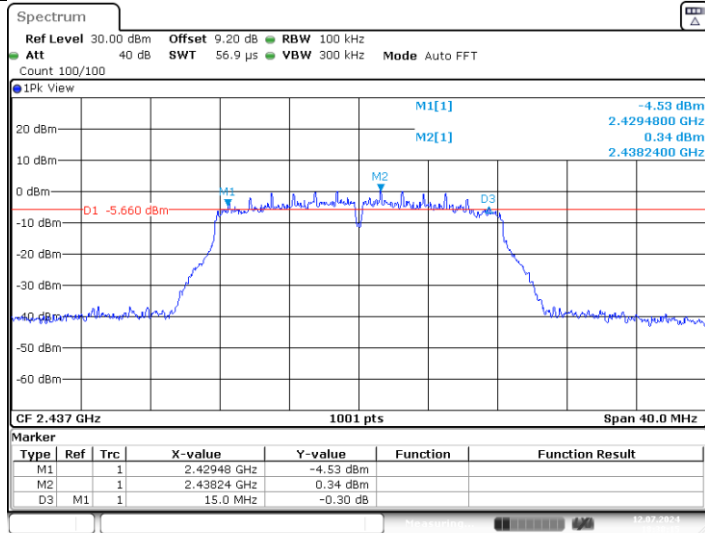
Date: 12.JUL.2024 18:35:24

11G_Ant1_2437

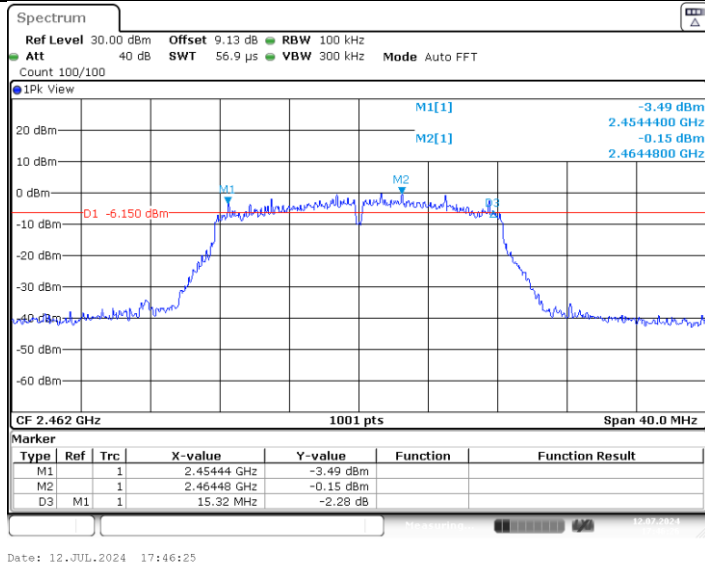


Date: 12.JUL.2024 17:44:40

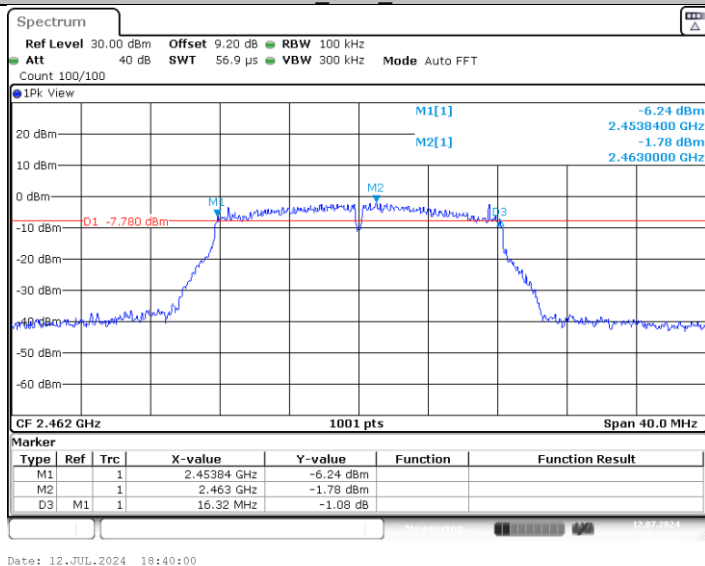
11G_Ant2_2437



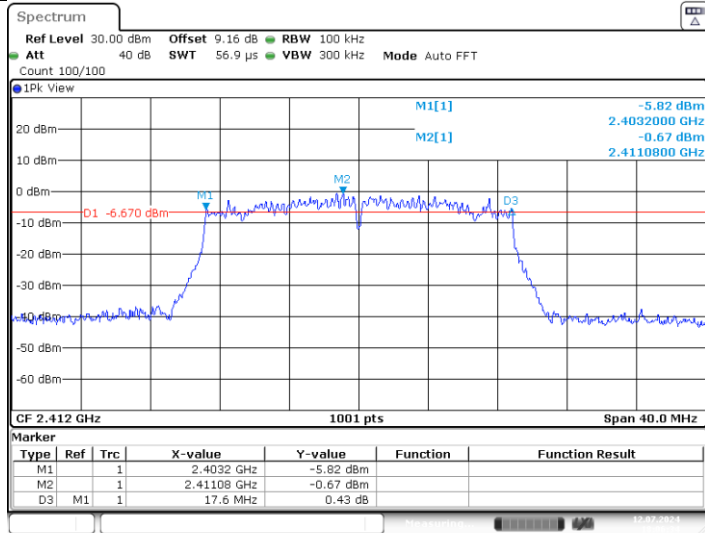
11G_Ant1_2462



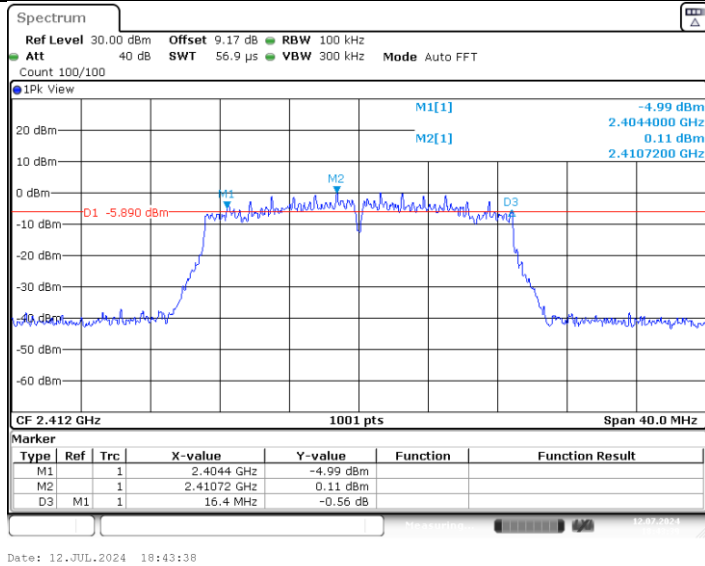
11G_Ant2_2462



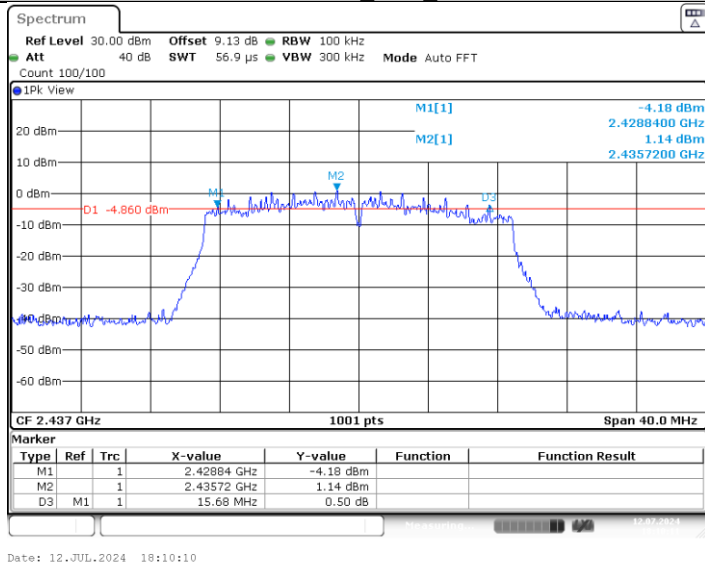
11N20MIMO_Ant1_2412



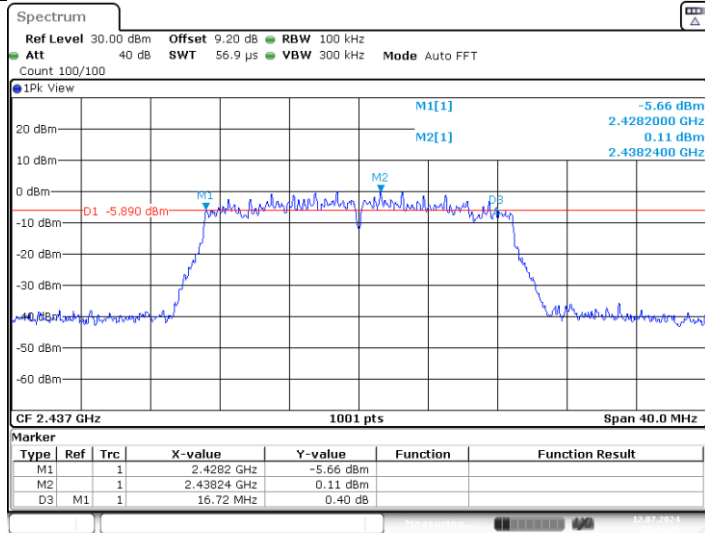
11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437

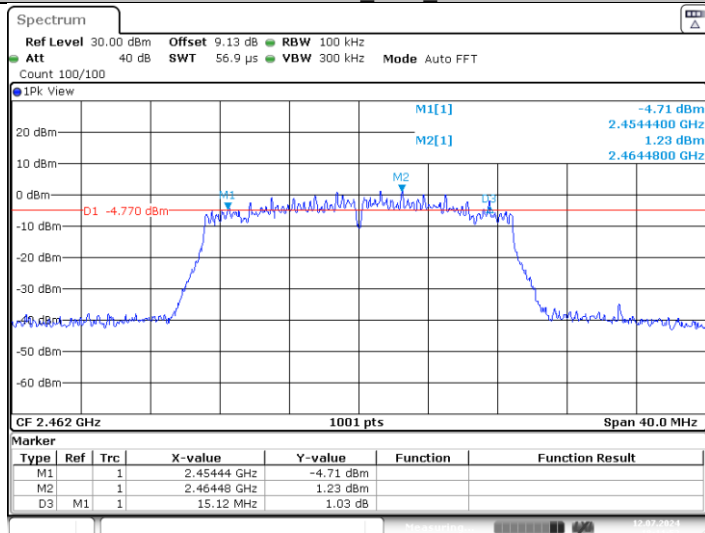


11N20MIMO_Ant2_2437



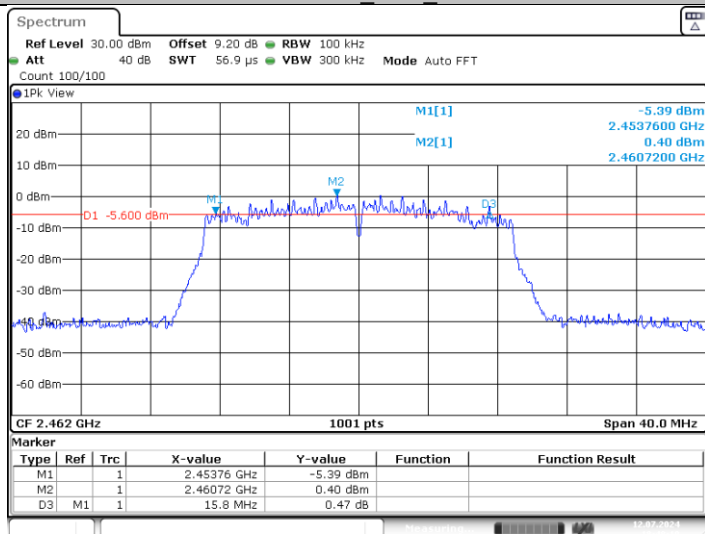
Date: 12.JUL.2024 18:46:29

11N20MIMO_Ant1_2462



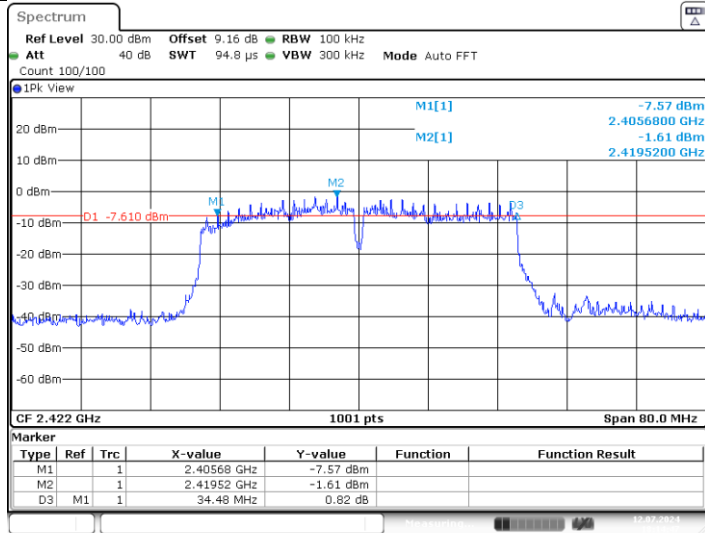
Date: 12.JUL.2024 18:11:53

11N20MIMO_Ant2_2462



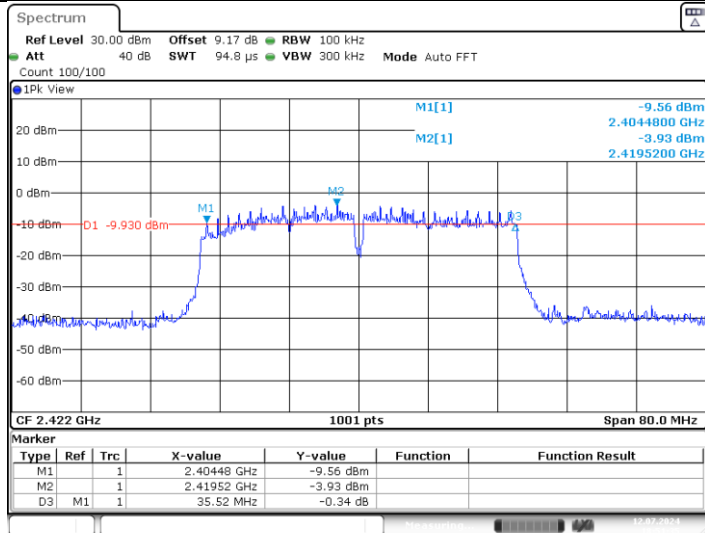
Date: 12.JUL.2024 18:48:09

11N40MIMO_Ant1_2422



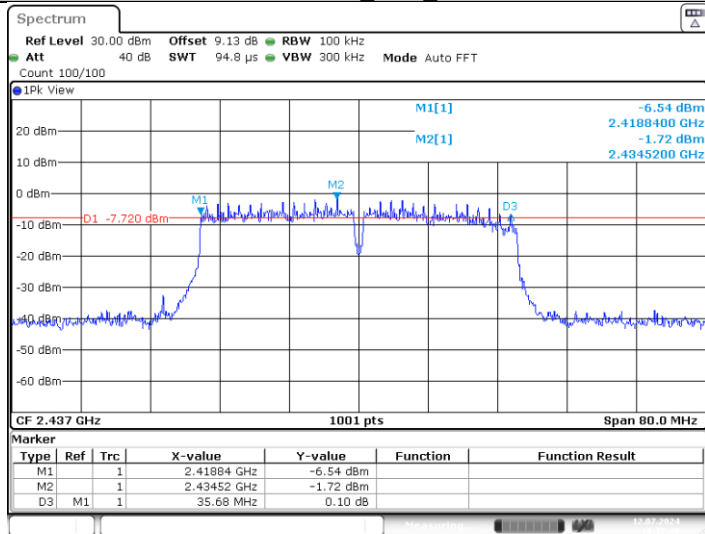
Date: 12.JUL.2024 18:14:47

11N40MIMO_Ant2_2422



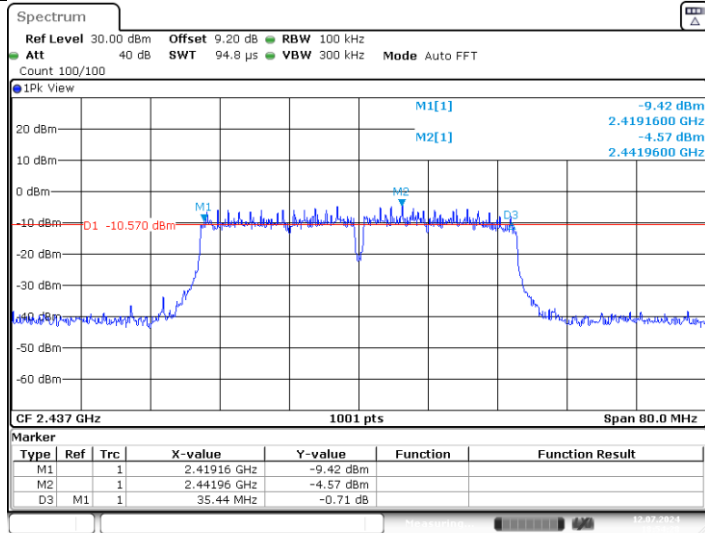
Date: 12.JUL.2024 18:51:36

11N40MIMO_Ant1_2437



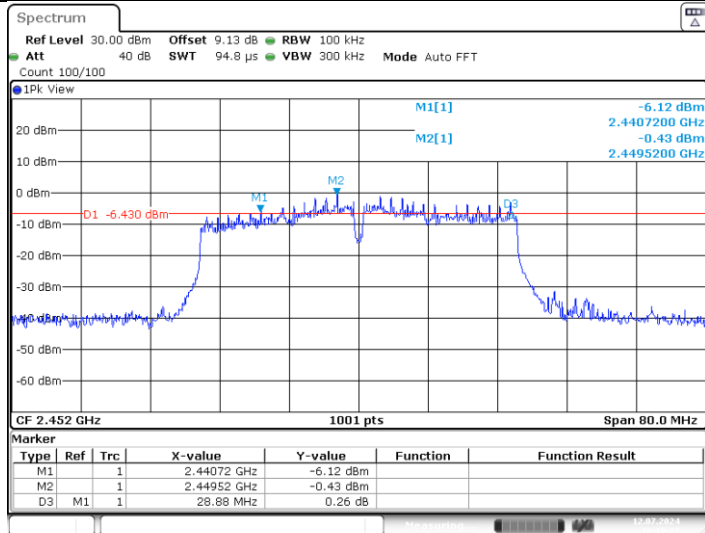
Date: 12.JUL.2024 18:17:40

11N40MIMO_Ant2_2437



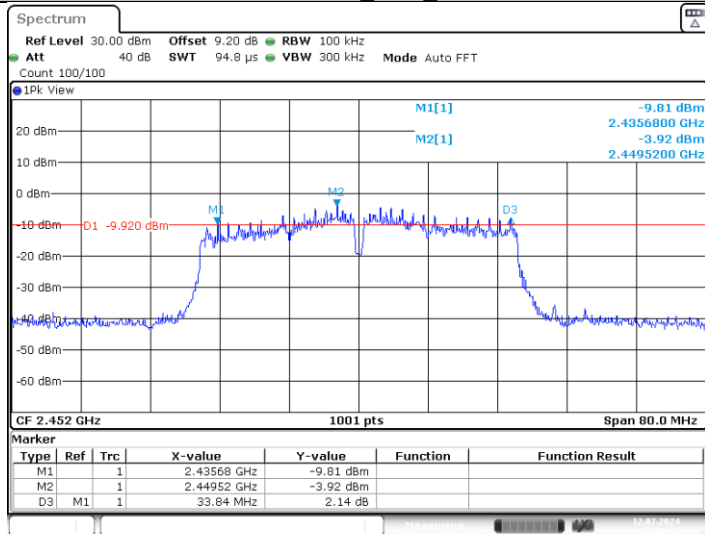
Date: 12.JUL.2024 18:54:28

11N40MIMO_Ant1_2452



Date: 12.JUL.2024 18:19:26

11N40MIMO_Ant2_2452



Date: 12.JUL.2024 18:56:13

APPENDIX F - MAXIMUM OUTPUT POWER

SISO mode

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	11.84	99.76	0.01	11.85	≤30.00	PASS
	Ant2	2412	11.80	99.64	0.02	11.82	≤30.00	PASS
	Ant1	2437	11.93	99.64	0.02	11.95	≤30.00	PASS
	Ant2	2437	12.07	99.64	0.02	12.09	≤30.00	PASS
	Ant1	2462	12.15	99.52	0.02	12.17	≤30.00	PASS
	Ant2	2462	12.13	99.64	0.02	12.15	≤30.00	PASS
11G	Ant1	2412	11.79	97.20	0.12	11.91	≤30.00	PASS
	Ant2	2412	11.59	97.20	0.12	11.71	≤30.00	PASS
	Ant1	2437	11.87	97.90	0.09	11.96	≤30.00	PASS
	Ant2	2437	11.62	97.20	0.12	11.74	≤30.00	PASS
	Ant1	2462	11.94	97.20	0.12	12.06	≤30.00	PASS
	Ant2	2462	11.72	97.20	0.12	11.84	≤30.00	PASS
11N20	Ant1	2412	10.70	85.00	0.71	11.41	≤30.00	PASS
	Ant2	2412	10.16	85.00	0.71	10.87	≤30.00	PASS
	Ant1	2437	10.88	80.00	0.97	11.85	≤30.00	PASS
	Ant2	2437	10.25	85.00	0.71	10.96	≤30.00	PASS
	Ant1	2462	10.93	85.00	0.71	11.64	≤30.00	PASS
	Ant2	2462	10.24	85.00	0.71	10.95	≤30.00	PASS
11N40	Ant1	2422	10.73	71.43	1.46	12.19	≤30.00	PASS
	Ant2	2422	8.94	76.92	1.14	10.08	≤30.00	PASS
	Ant1	2437	10.75	71.43	1.46	12.21	≤30.00	PASS
	Ant2	2437	8.23	76.92	1.14	9.37	≤30.00	PASS
	Ant1	2452	10.86	71.43	1.46	12.32	≤30.00	PASS
	Ant2	2452	7.40	76.92	1.14	8.54	≤30.00	PASS

MIMO mode

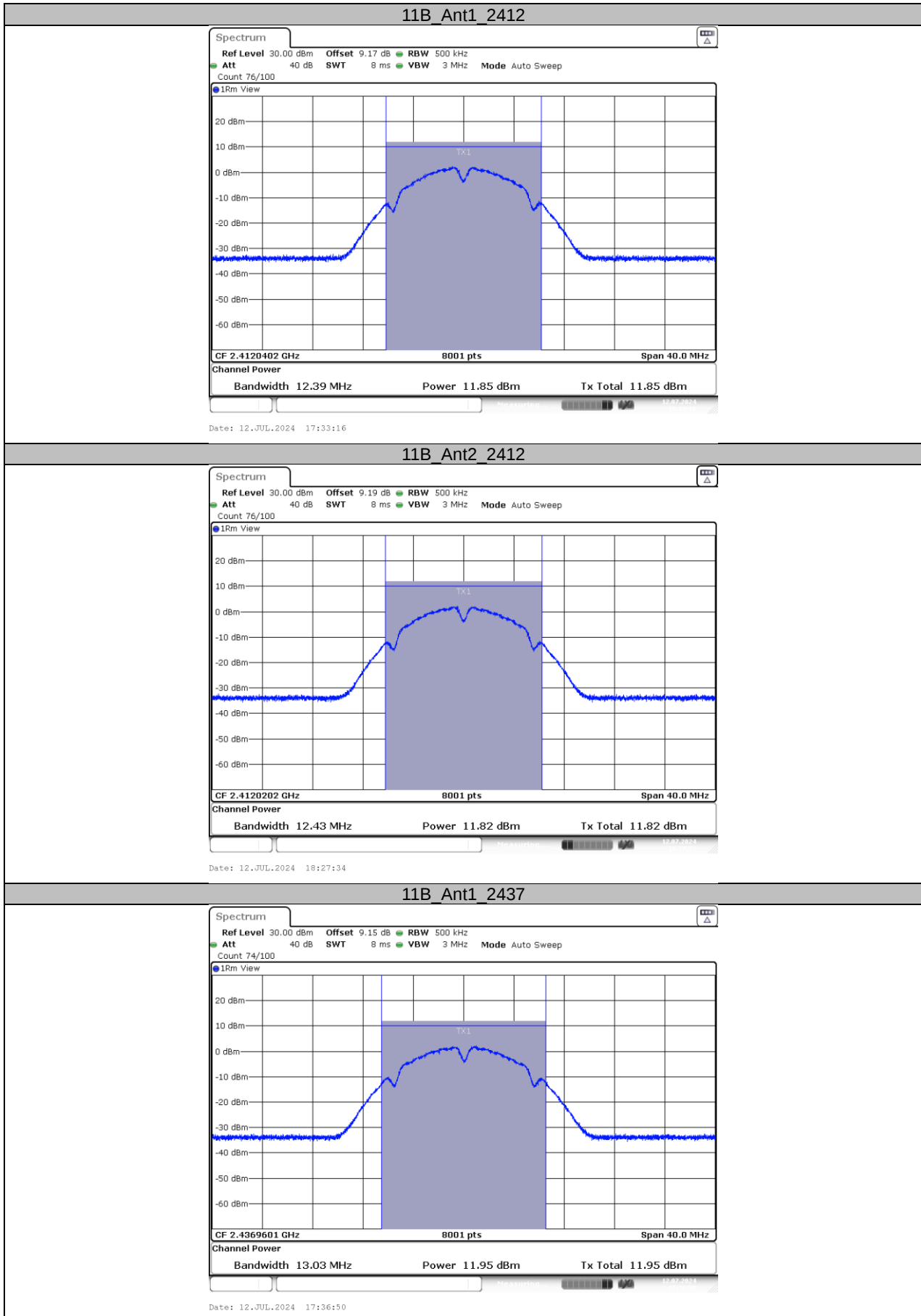
Test Mode	Antenna	Frequency [MHz]	ANT 1 Power(dBm)	ANT 2 Power(dBm)	Total Power(dBm)	Limit [dBm]	Verdict
11N20MIMO	Ant1+ Ant2	2412	11.41	10.87	14.16	≤30.00	PASS
	Ant1+ Ant2	2437	11.85	10.96	14.44	≤30.00	PASS
	Ant1+ Ant2	2462	11.64	10.95	14.32	≤30.00	PASS
11N40MIMO	Ant1+ Ant2	2422	12.19	10.08	14.27	≤30.00	PASS
	Ant1+ Ant2	2437	12.21	9.37	14.03	≤30.00	PASS
	Ant1+ Ant2	2452	12.32	8.54	13.84	≤30.00	PASS

DC Factor = $10 \cdot \log(1/\text{Duty Cycle})$

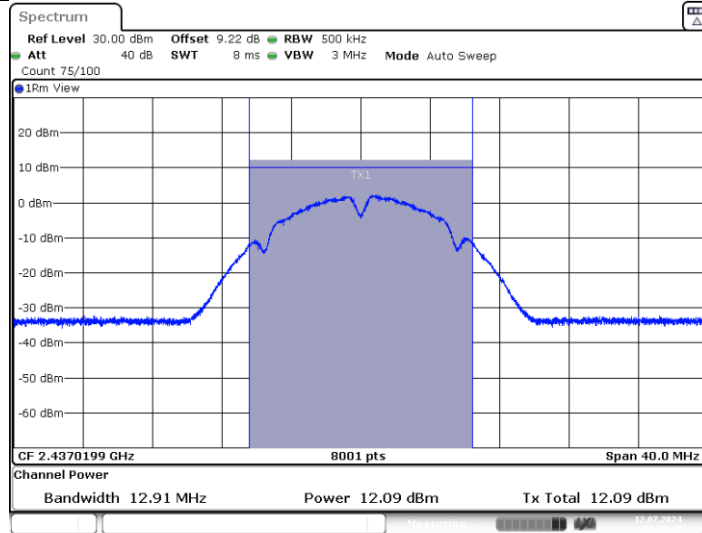
The measure-and-sum technique shall be used for measuring in-band transmit power of a device. Total power is the sum of the conducted power levels measured at the various output ports.

(First measure the power (mW) of each antenna separately, and the total power is equal to Ant1mW + Ant2mW+....)

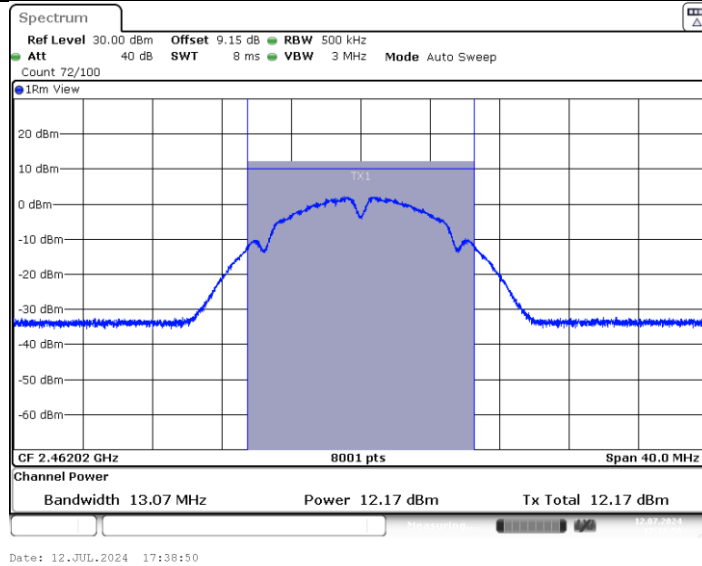
TEST GRAPHS AVERAGE



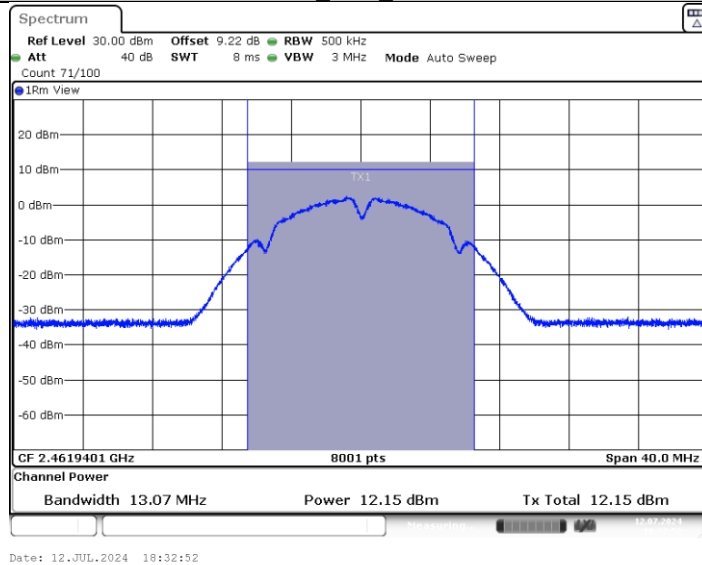
11B_Ant2_2437



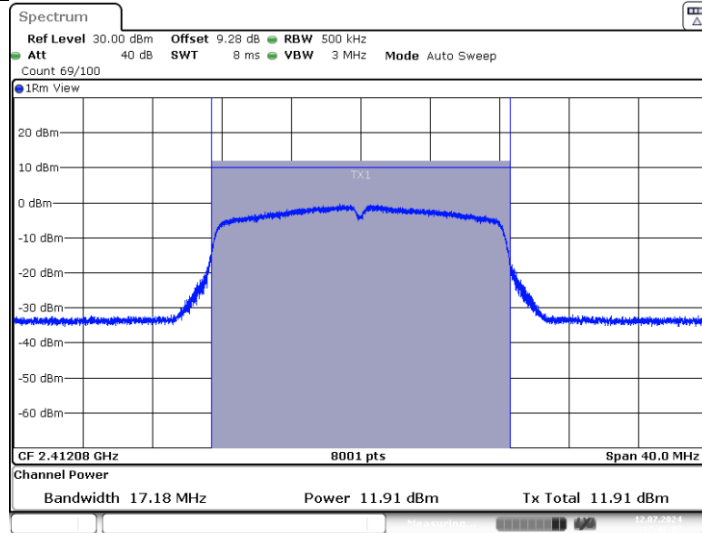
11B_Ant1_2462



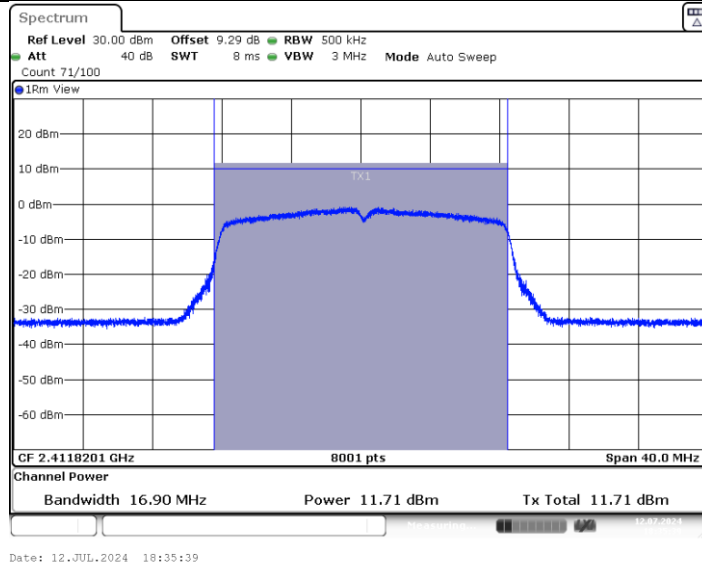
11B_Ant2_2462



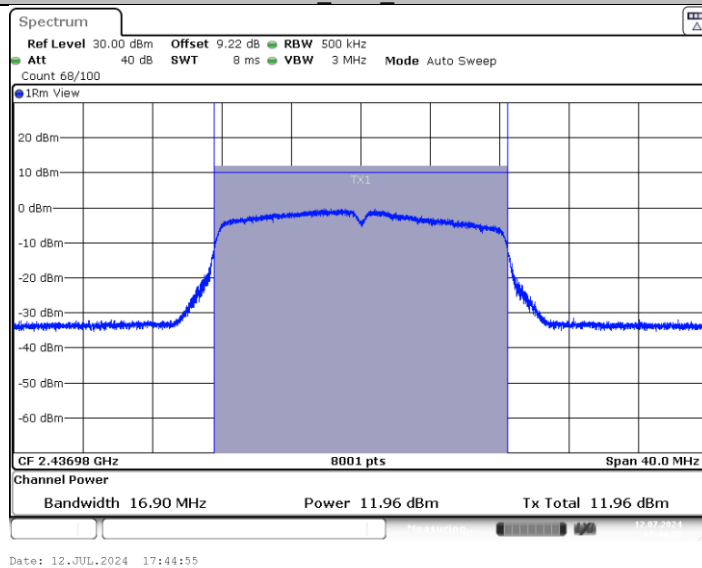
11G_Ant1_2412



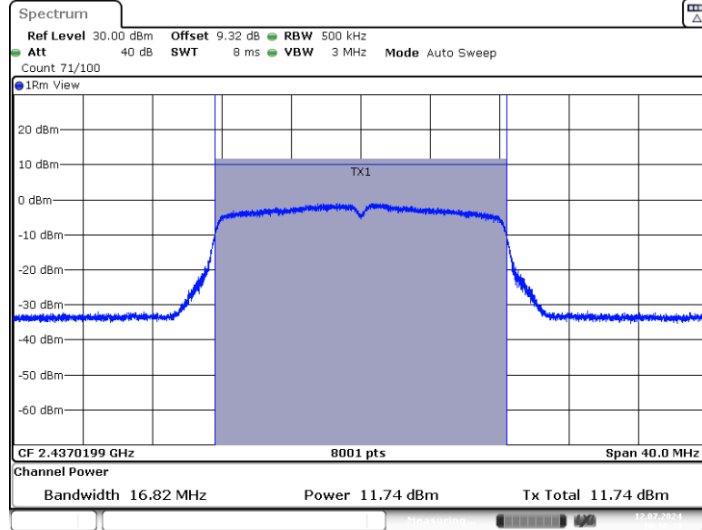
11G_Ant2_2412



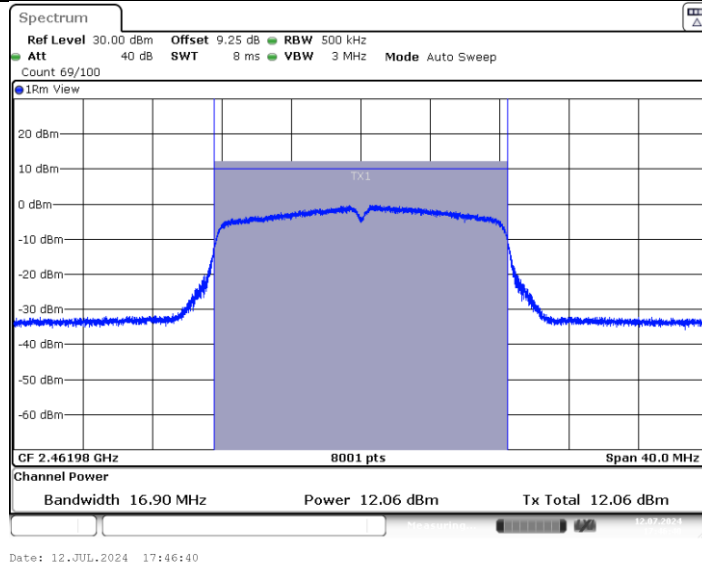
11G_Ant1_2437



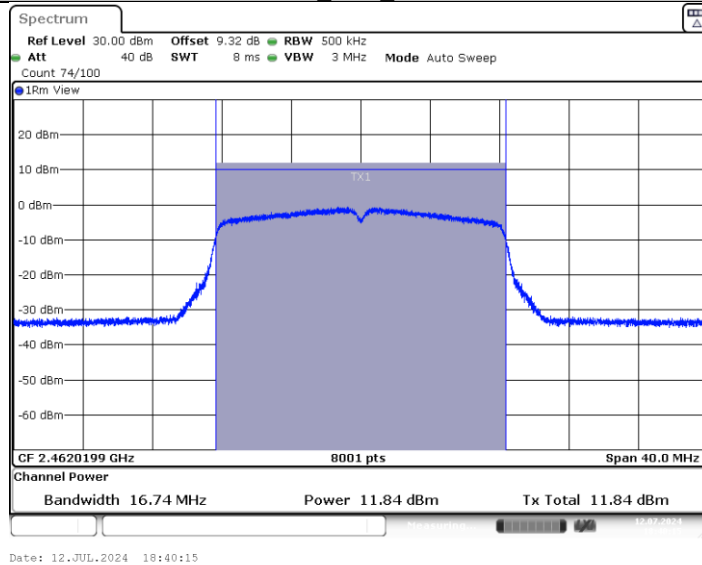
11G_Ant2_2437



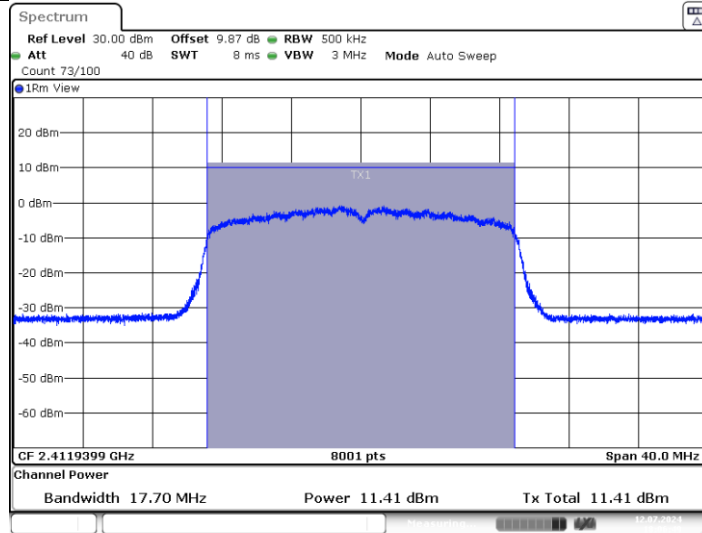
11G_Ant1_2462



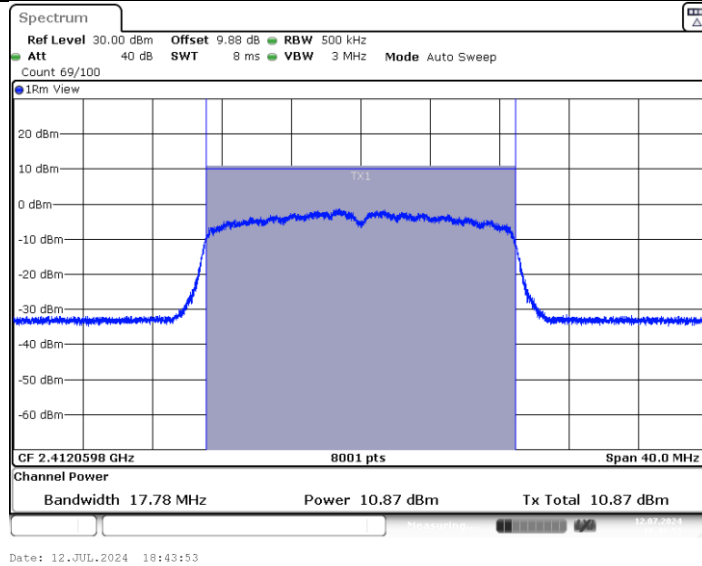
11G_Ant2_2462



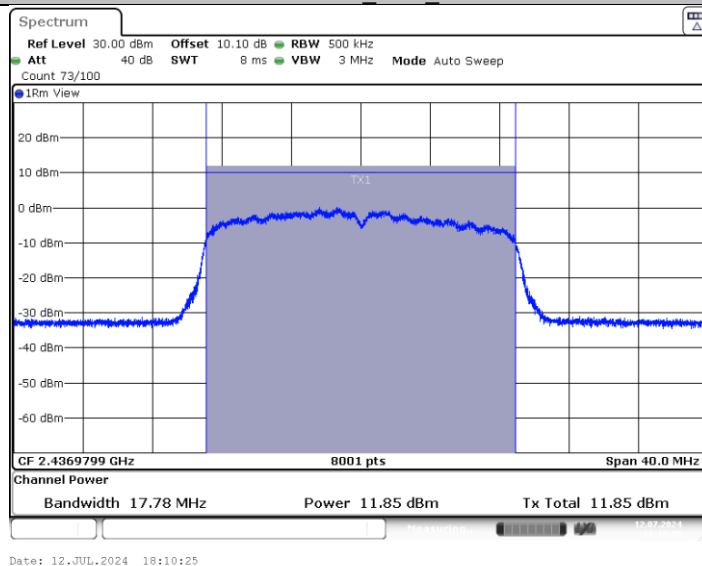
11N20MIMO_Ant1_2412

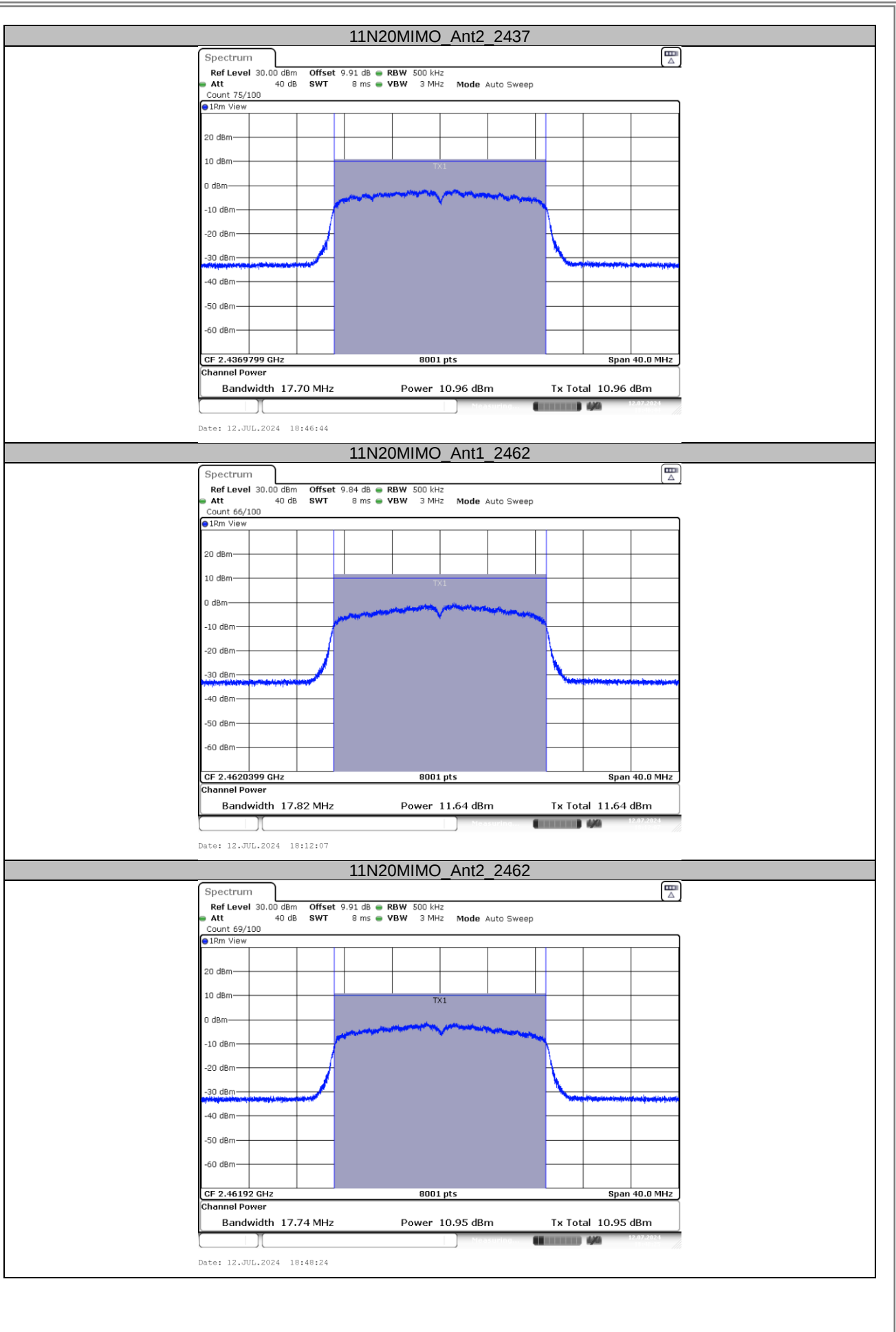


11N20MIMO_Ant2_2412

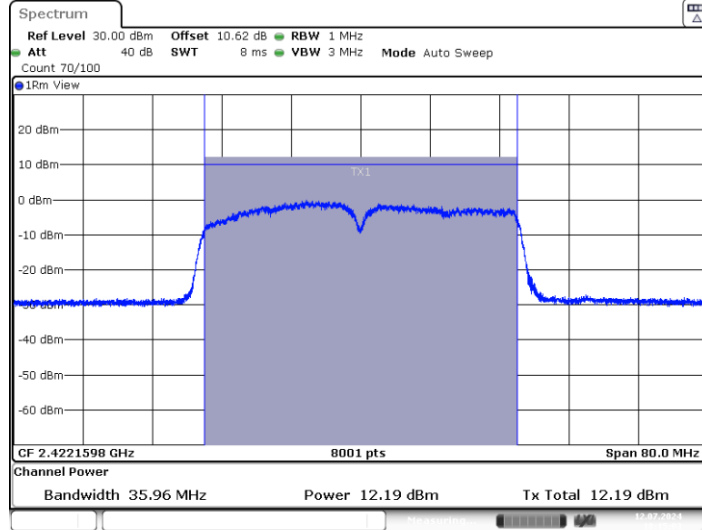


11N20MIMO_Ant1_2437

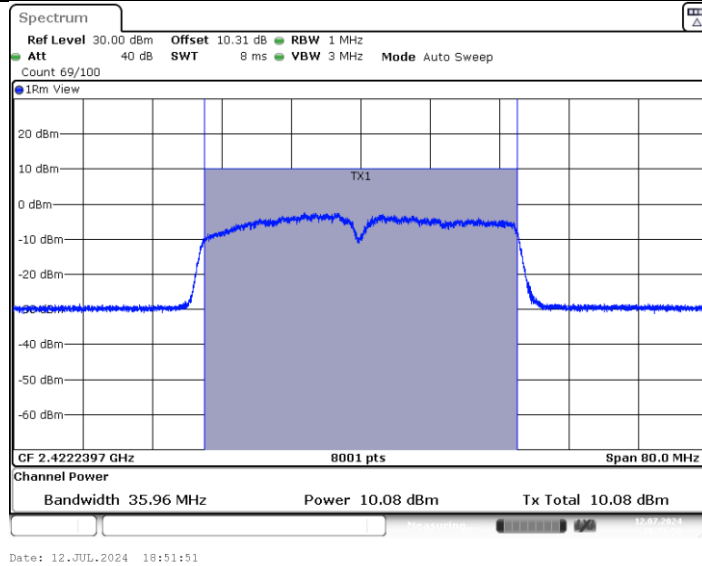




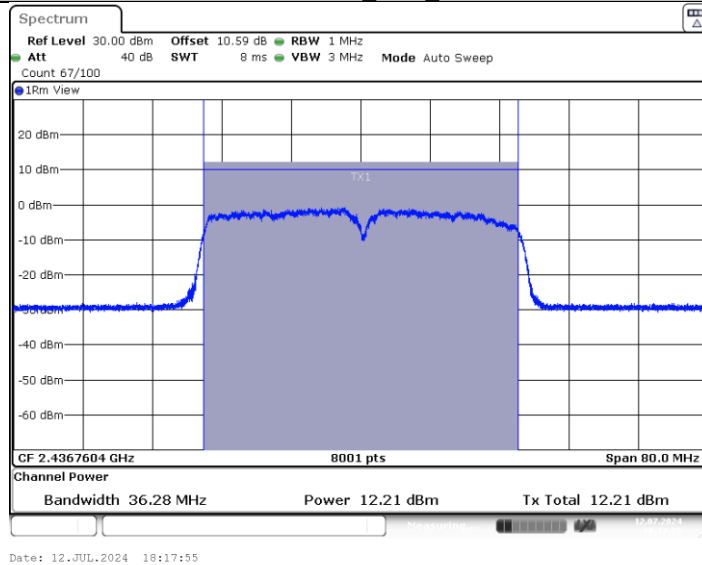
11N40MIMO_Ant1_2422



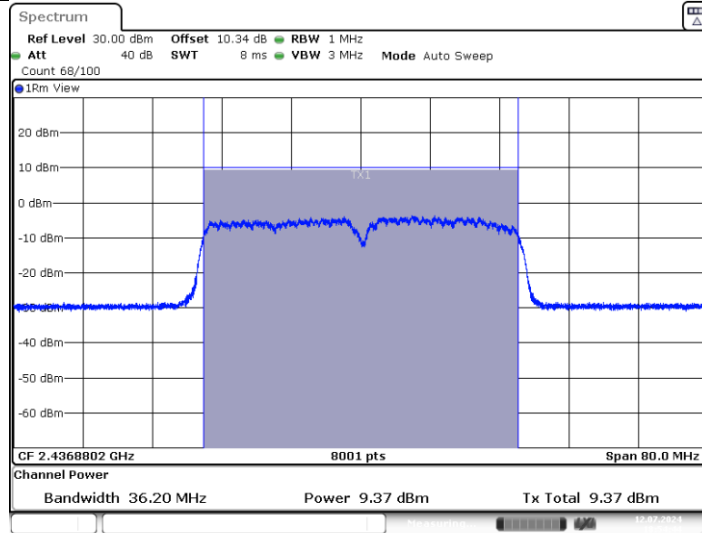
11N40MIMO_Ant2_2422



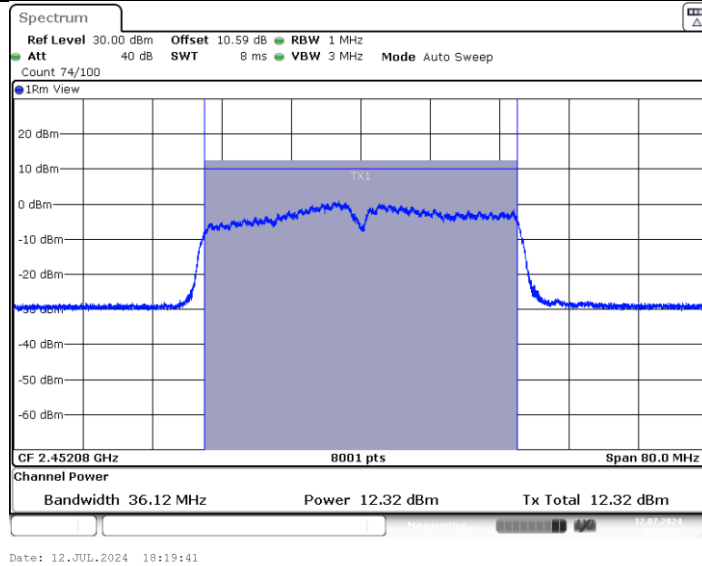
11N40MIMO_Ant1_2437



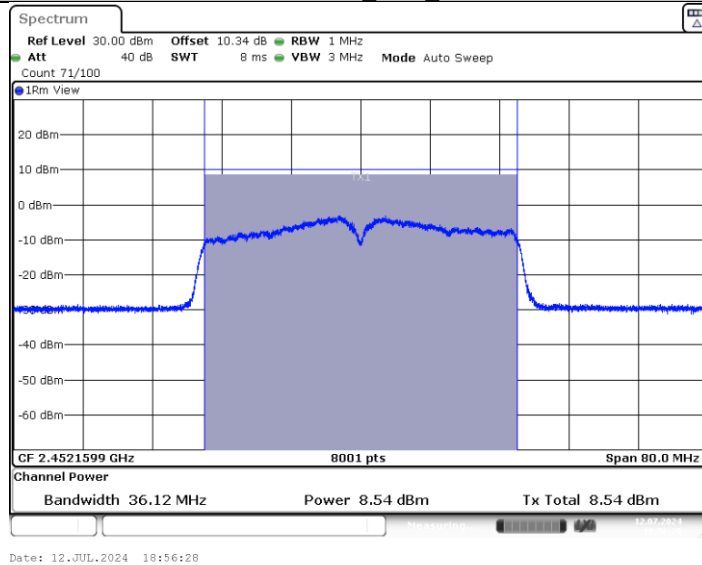
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



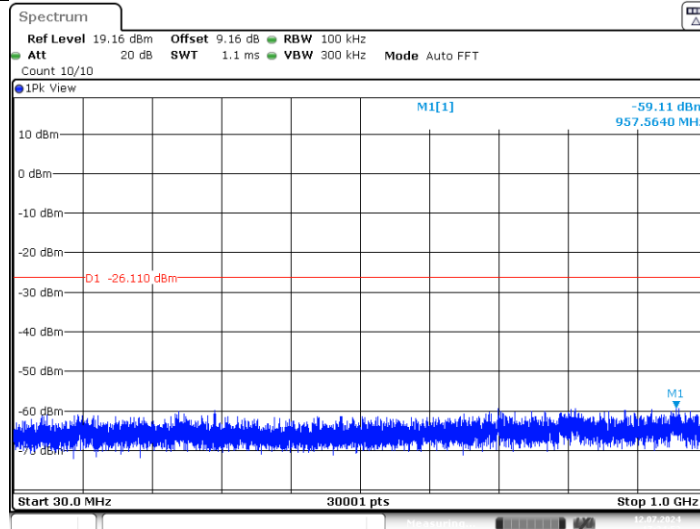
APPENDIXG - CONDUCTED SPURIOUS EMISSIONS

1. Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	3.89	-59.11	≤-26.11	PASS
			1000~26500	3.89	-45.22	≤-26.11	PASS
	Ant2	2412	30~1000	3.64	-59.38	≤-26.36	PASS
			1000~26500	3.64	-44.86	≤-26.36	PASS
	Ant1	2437	30~1000	3.45	-58.79	≤-26.55	PASS
			1000~26500	3.45	-45.22	≤-26.55	PASS
	Ant2	2437	30~1000	3.56	-58.93	≤-26.44	PASS
			1000~26500	3.56	-35.29	≤-26.44	PASS
	Ant1	2462	30~1000	3.80	-58.85	≤-26.2	PASS
			1000~26500	3.80	-45.55	≤-26.2	PASS
	Ant2	2462	30~1000	3.89	-34.64	≤-26.11	PASS
			1000~26500	3.89	-36.43	≤-26.11	PASS
11G	Ant1	2412	30~1000	0.60	-58.11	≤-29.4	PASS
			1000~26500	0.60	-44.75	≤-29.4	PASS
	Ant2	2412	30~1000	0.85	-33.86	≤-29.15	PASS
			1000~26500	0.85	-39.13	≤-29.15	PASS
	Ant1	2437	30~1000	1.24	-58.28	≤-28.76	PASS
			1000~26500	1.24	-44.83	≤-28.76	PASS
	Ant2	2437	30~1000	-1.67	-58.2	≤-31.67	PASS
			1000~26500	-1.67	-44.97	≤-31.67	PASS
	Ant1	2462	30~1000	0.83	-57.97	≤-29.17	PASS
			1000~26500	0.83	-36.78	≤-29.17	PASS
	Ant2	2462	30~1000	0.67	-58.34	≤-29.33	PASS
			1000~26500	0.67	-33.61	≤-29.33	PASS
11N20MIMO	Ant1	2412	30~1000	0.97	-58.32	≤-29.03	PASS
			1000~26500	0.97	-44.41	≤-29.03	PASS
	Ant2	2412	30~1000	0.18	-58.3	≤-29.82	PASS
			1000~26500	0.18	-44.79	≤-29.82	PASS
	Ant1	2437	30~1000	1.28	-58.27	≤-28.72	PASS
			1000~26500	1.28	-45.14	≤-28.72	PASS
	Ant2	2437	30~1000	0.27	-58.63	≤-29.73	PASS
			1000~26500	0.27	-44.88	≤-29.73	PASS
	Ant1	2462	30~1000	1.29	-58.88	≤-28.71	PASS
			1000~26500	1.29	-41.93	≤-28.71	PASS
	Ant2	2462	30~1000	0.63	-58.34	≤-29.37	PASS
			1000~26500	0.63	-34.06	≤-29.37	PASS
11N40MIMO	Ant1	2422	30~1000	-1.45	-59	≤-31.45	PASS
			1000~26500	-1.45	-43.64	≤-31.45	PASS
	Ant2	2422	30~1000	-2.89	-59.05	≤-32.89	PASS
			1000~26500	-2.89	-44.73	≤-32.89	PASS
	Ant1	2437	30~1000	-1.64	-58.98	≤-31.64	PASS
			1000~26500	-1.64	-44.41	≤-31.64	PASS
	Ant2	2437	30~1000	-4.64	-58.84	≤-34.64	PASS
			1000~26500	-4.64	-45.25	≤-34.64	PASS
	Ant1	2452	30~1000	-3.98	-58.87	≤-33.98	PASS
			1000~26500	-3.98	-42.35	≤-33.98	PASS
	Ant2	2452	30~1000	-3.74	-57.92	≤-33.74	PASS
			1000~26500	-3.74	-44.36	≤-33.74	PASS

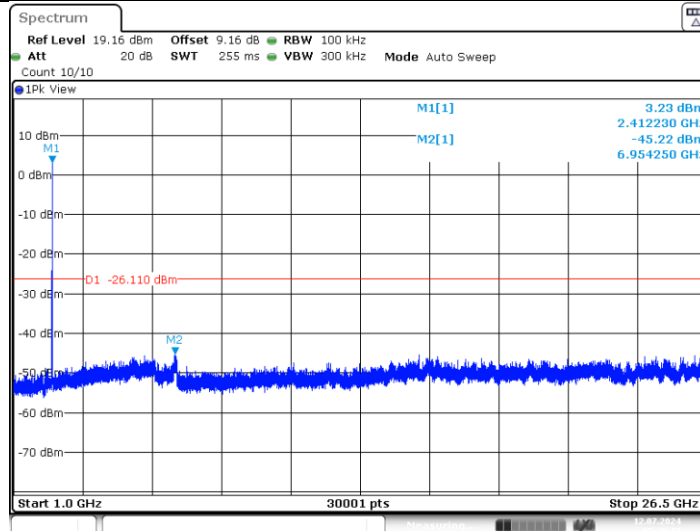
Test Graphs

11B_Ant1_2412_30~1000



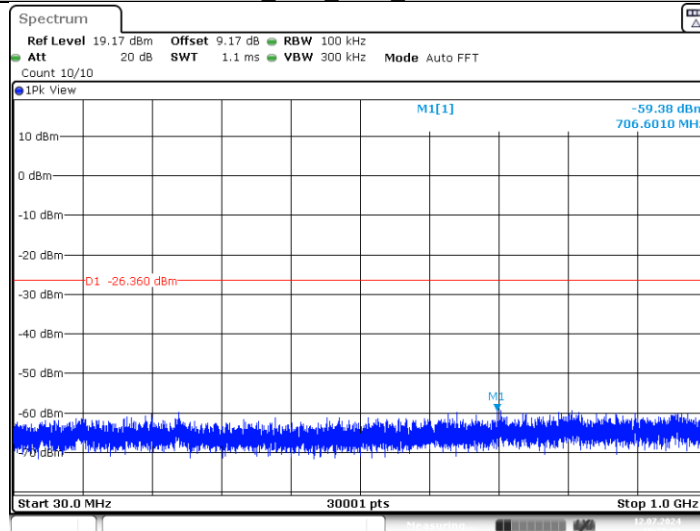
Date: 12.JUL.2024 17:34:53

11B_Ant1_2412_1000~26500



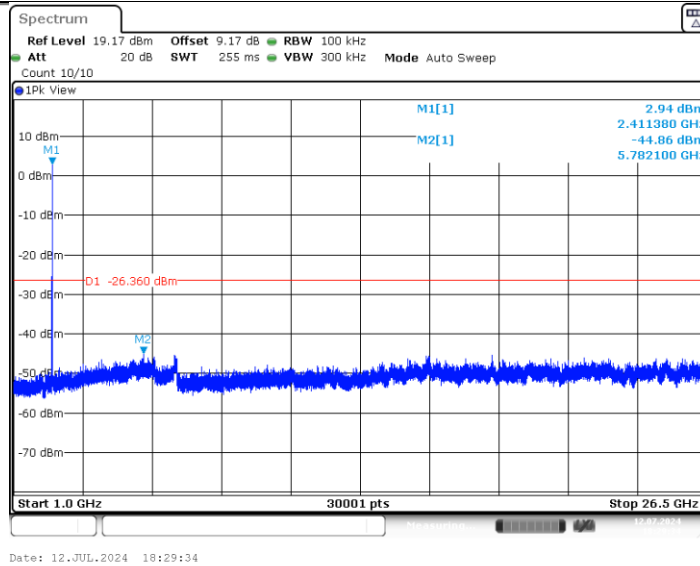
Date: 12.JUL.2024 17:35:18

11B_Ant2_2412_30~1000

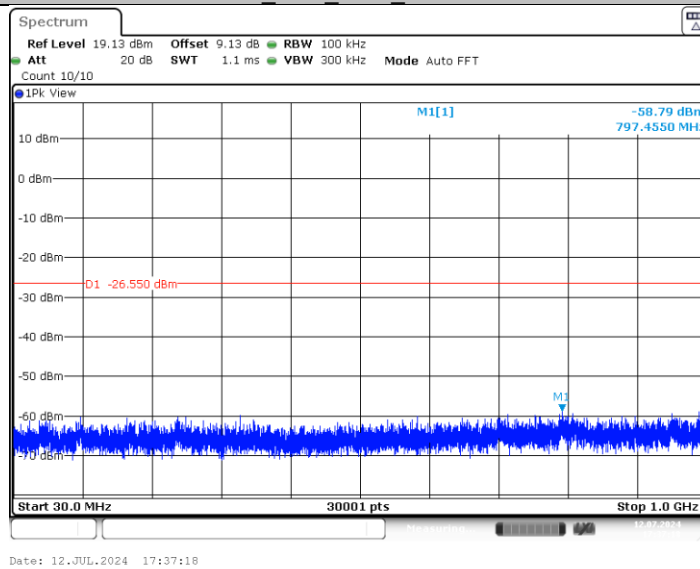


Date: 12.JUL.2024 18:29:09

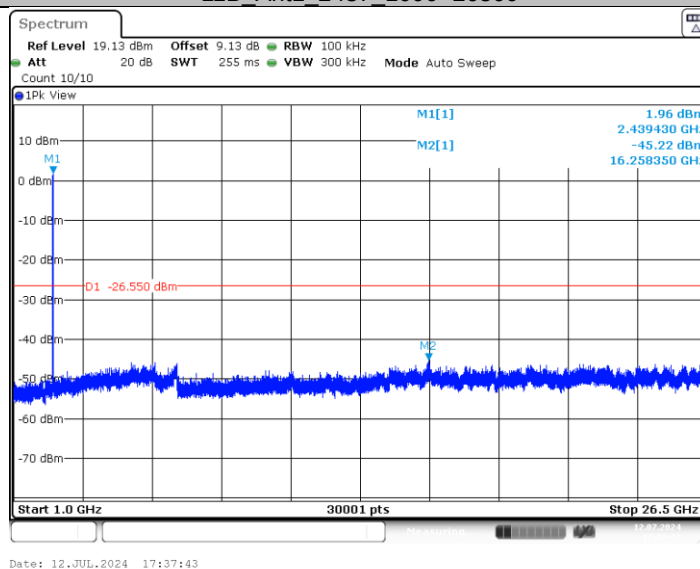
11B_Ant2_2412_1000~26500



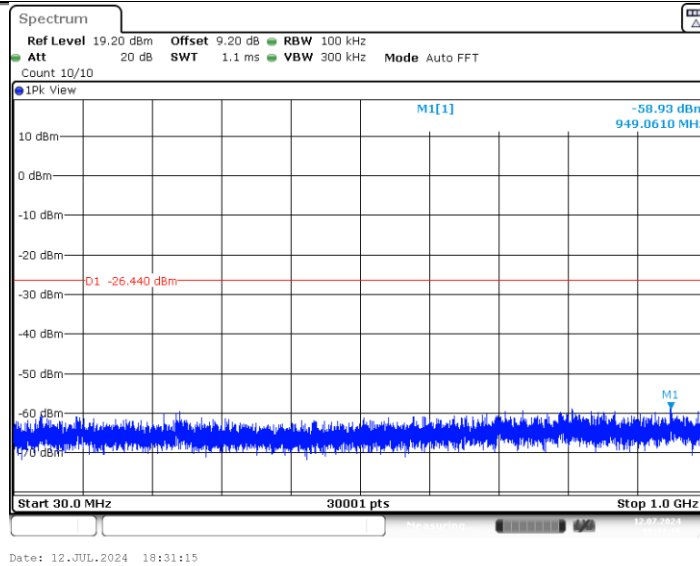
11B_Ant1_2437_30-1000



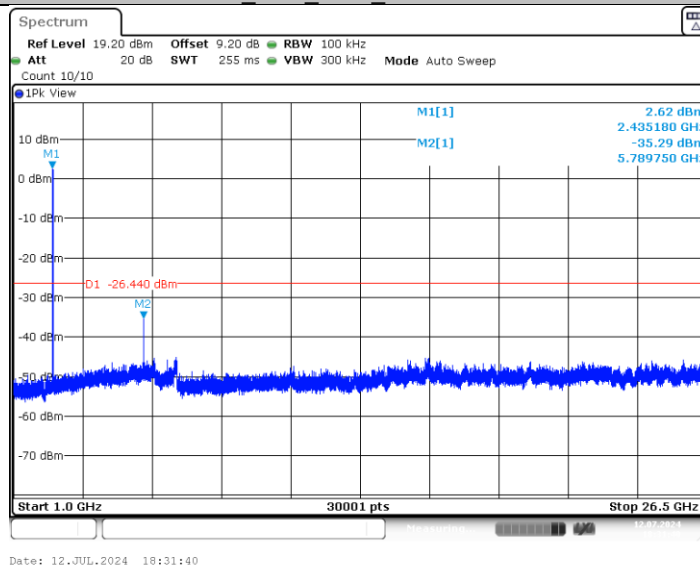
11B_Ant1_2437_1000-26500



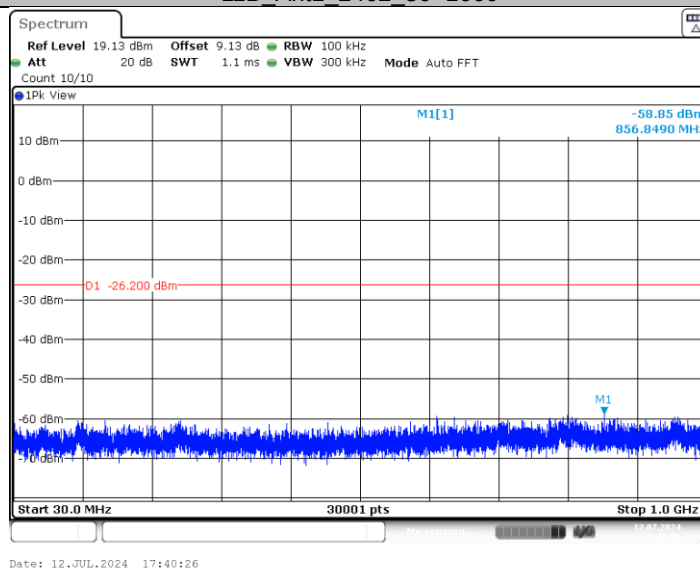
11B_Ant2_2437_30-1000



11B_Ant2_2437_1000~26500



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500