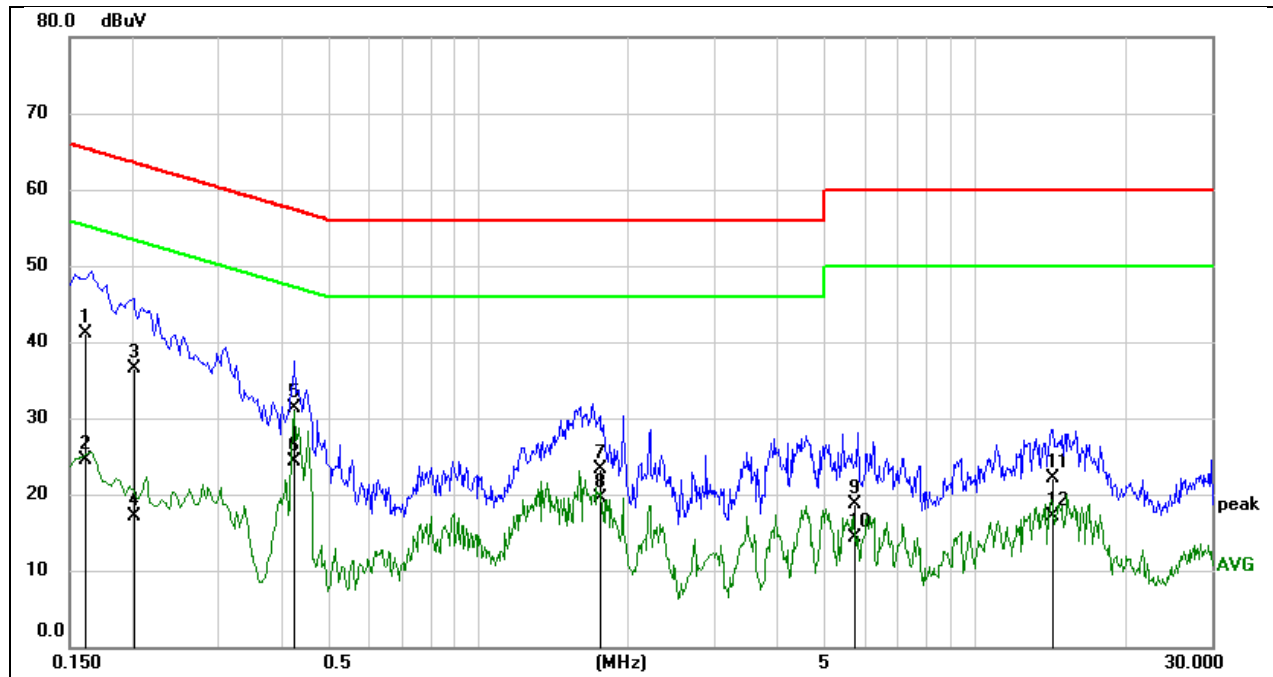


Test Mode:	802.11b	Frequency(MHz):	2412
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1618	30.76	10.44	41.20	65.37	-24.17	QP
2	0.1618	14.04	10.44	24.48	55.37	-30.89	AVG
3	0.2024	26.44	10.14	36.58	63.51	-26.93	QP
4	0.2024	6.92	10.14	17.06	53.51	-36.45	AVG
5	0.4244	20.92	10.29	31.21	57.36	-26.15	QP
6	0.4244	14.06	10.29	24.35	47.36	-23.01	AVG
7	1.7722	13.12	10.11	23.23	56.00	-32.77	QP
8	1.7722	9.42	10.11	19.53	46.00	-26.47	AVG
9	5.7485	8.14	10.65	18.79	60.00	-41.21	QP
10	5.7485	3.67	10.65	14.32	50.00	-35.68	AVG
11	14.3461	11.39	10.65	22.04	60.00	-37.96	QP
12	14.3461	6.42	10.65	17.07	50.00	-32.93	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

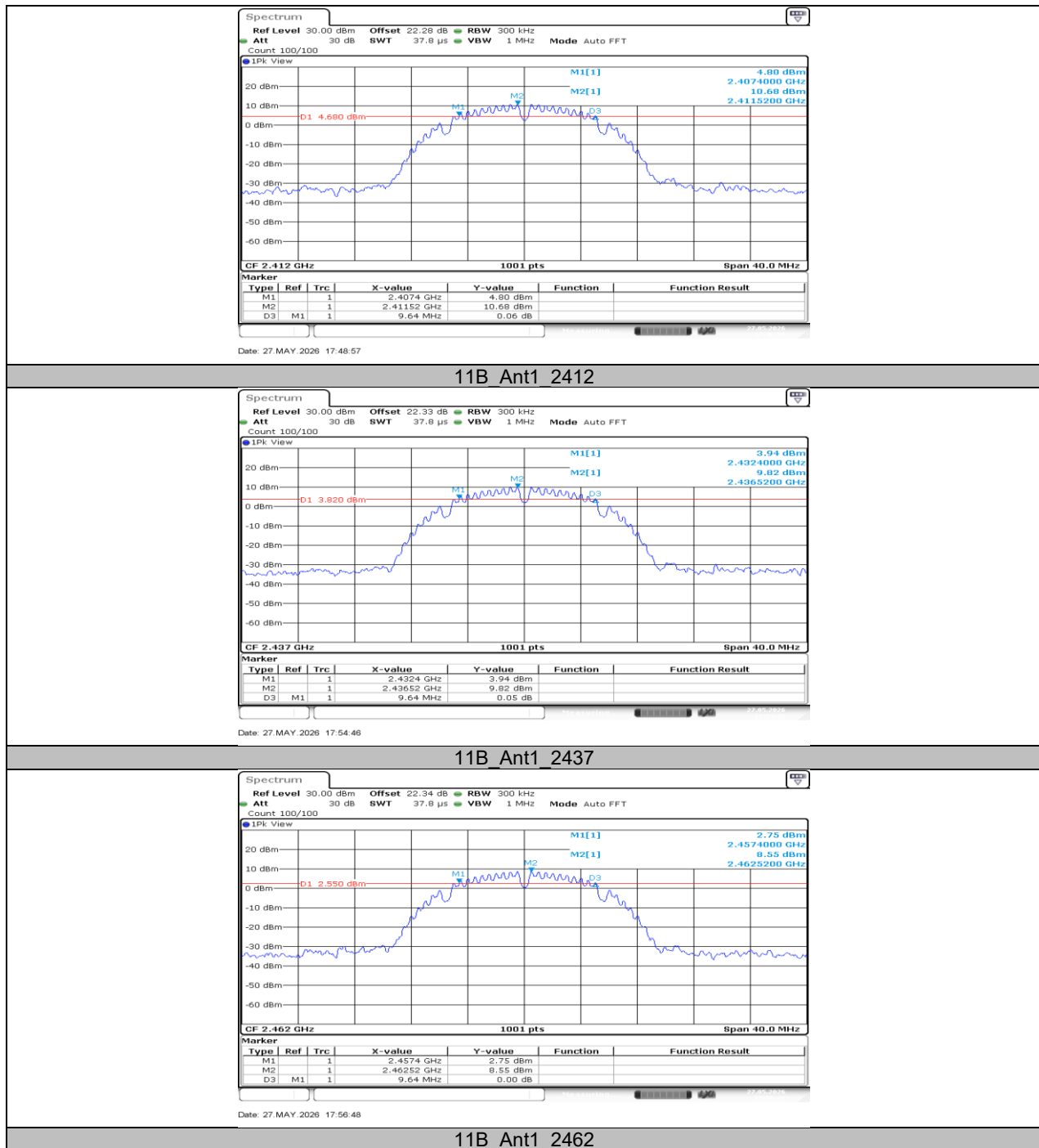
11. TEST DATA

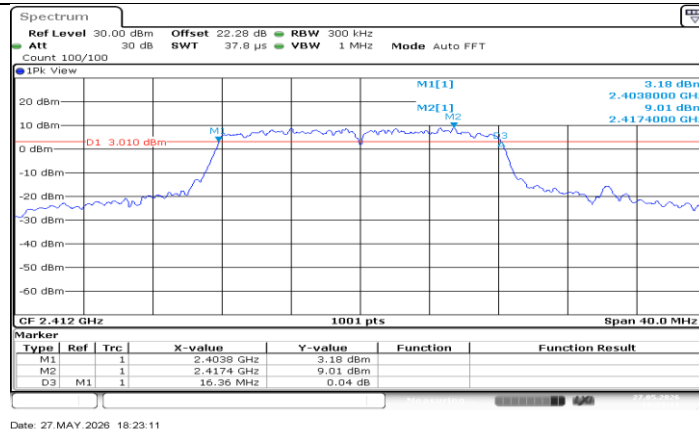
11.1. APPENDIX A: DTS BANDWIDTH

11.1.1. Test Result

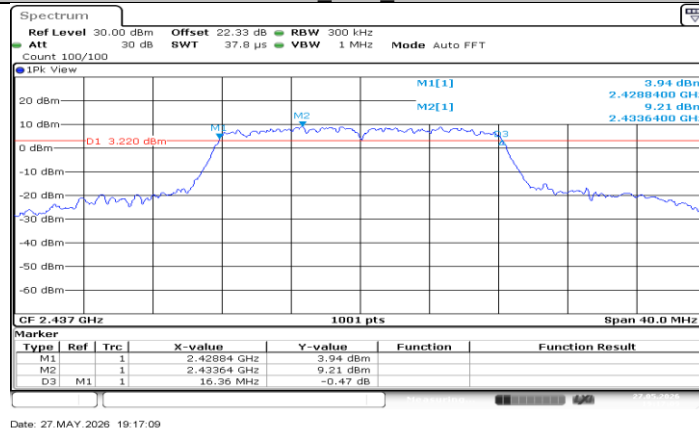
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.64	2407.40	2417.04	≥0.5	PASS
		2437	9.64	2432.40	2442.04	≥0.5	PASS
		2462	9.64	2457.40	2467.04	≥0.5	PASS
11G	Ant1	2412	16.36	2403.80	2420.16	≥0.5	PASS
		2437	16.36	2428.84	2445.20	≥0.5	PASS
		2462	16.28	2453.84	2470.12	≥0.5	PASS
11N20SISO	Ant1	2412	17.40	2403.28	2420.68	≥0.5	PASS
		2437	17.20	2428.44	2445.64	≥0.5	PASS
		2462	17.44	2453.32	2470.76	≥0.5	PASS
11N40SISO	Ant1	2422	30.08	2406.96	2437.04	≥0.5	PASS
		2437	30.48	2421.72	2452.20	≥0.5	PASS
		2452	30.32	2436.88	2467.20	≥0.5	PASS
11AX20SISO	Ant1	2412	18.16	2402.96	2421.12	≥0.5	PASS
		2437	18.12	2427.96	2446.08	≥0.5	PASS
		2462	17.60	2453.16	2470.76	≥0.5	PASS

11.1.2. Test Graphs

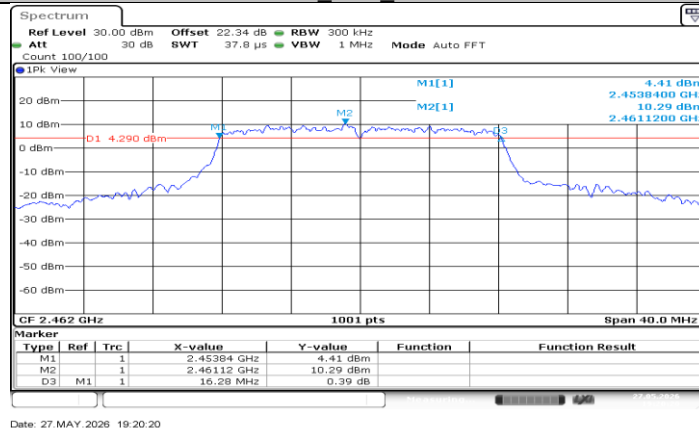




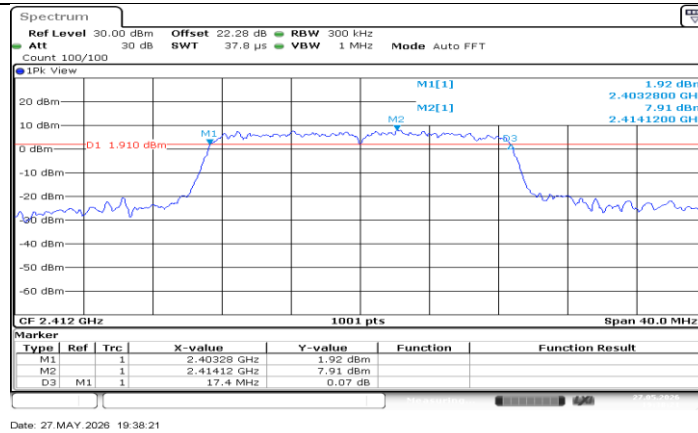
11G_Ant1_2412



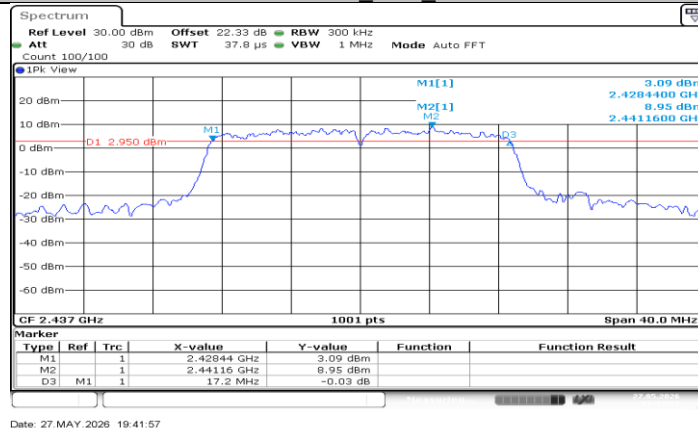
11G_Ant1_2437



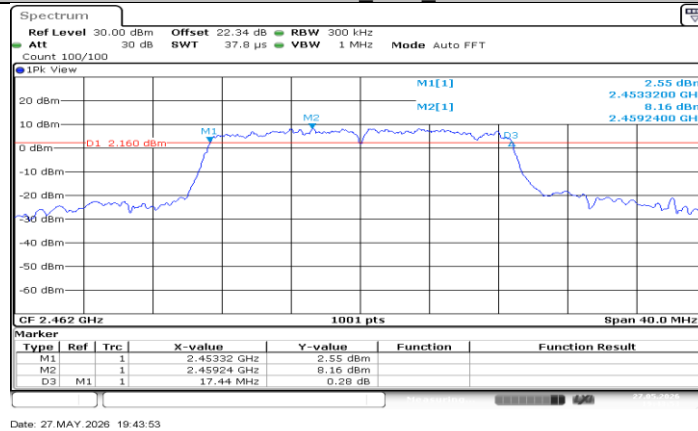
11G_Ant1_2462



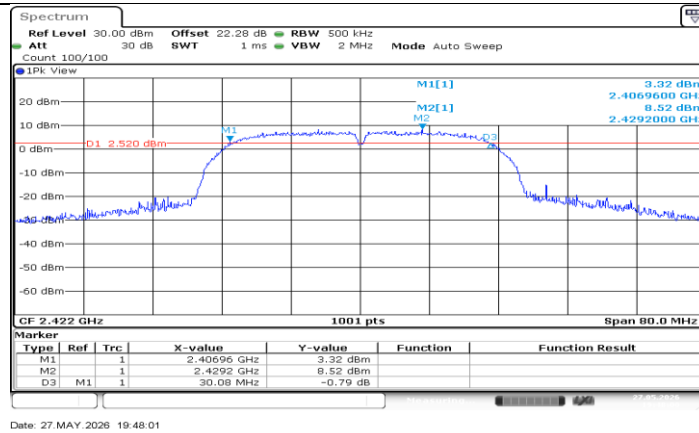
11N20SISO_Ant1_2412



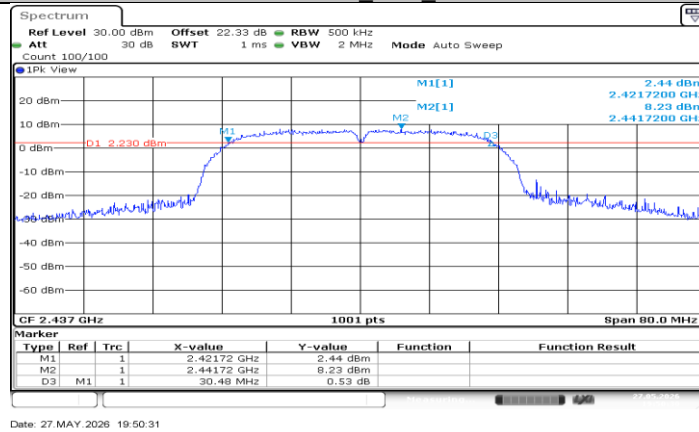
11N20SISO_Ant1_2437



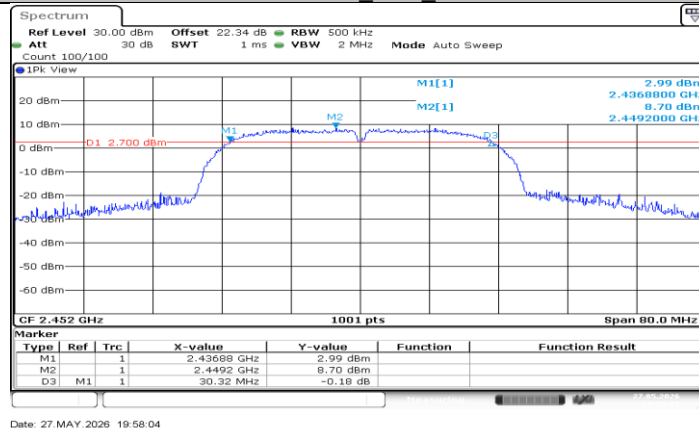
11N20SISO_Ant1_2462



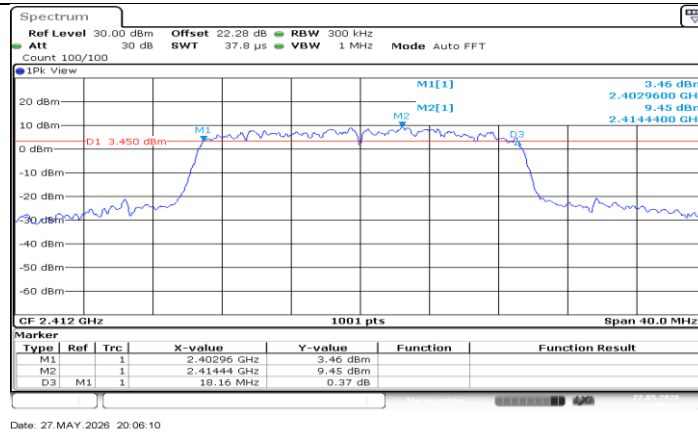
11N40SISO_Ant1_2422



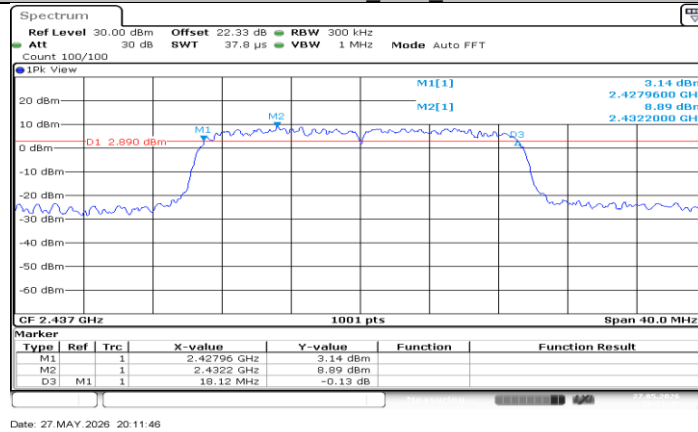
11N40SISO_Ant1_2437



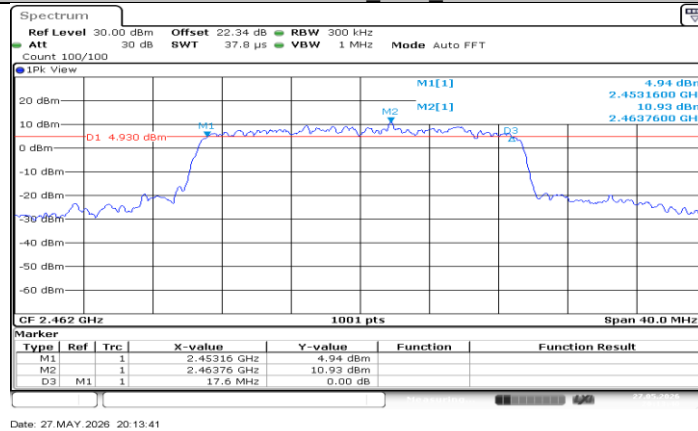
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



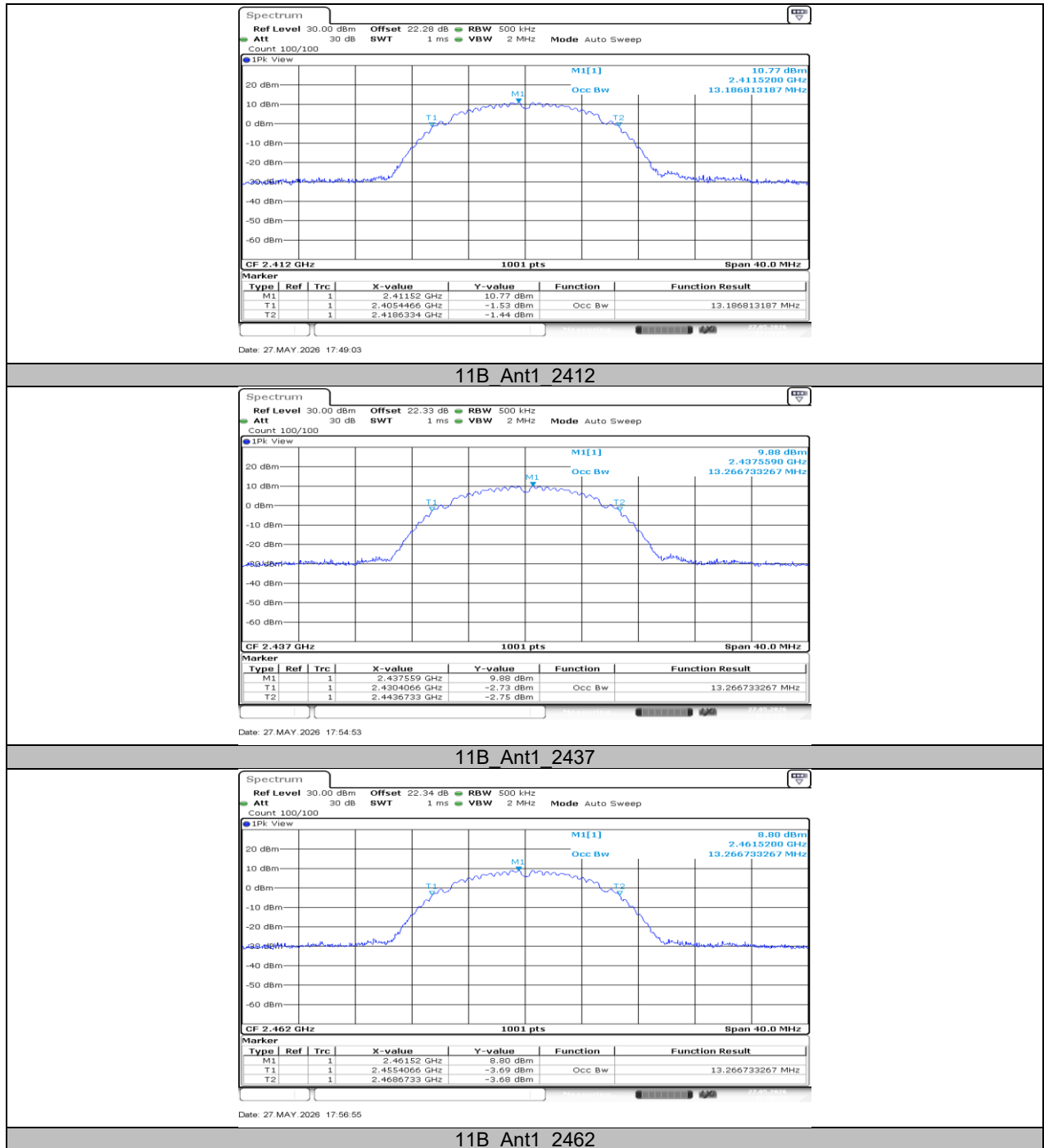
11AX20SISO_Ant1_2462

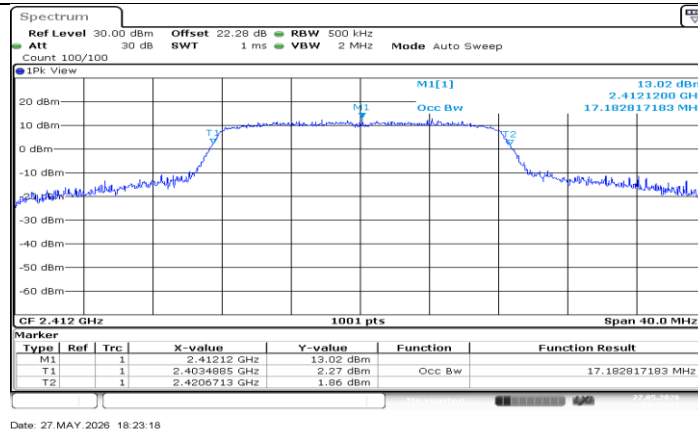
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

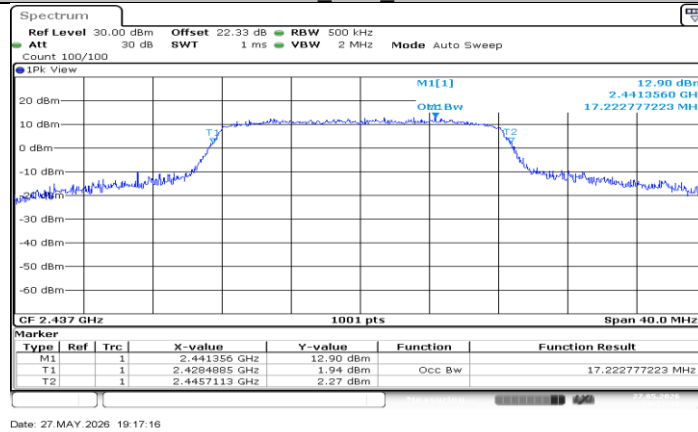
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	13.187	2405.4466	2418.6334	PASS
		2437	13.267	2430.4066	2443.6733	PASS
		2462	13.267	2455.4066	2468.6733	PASS
11G	Ant1	2412	17.183	2403.4885	2420.6713	PASS
		2437	17.223	2428.4885	2445.7113	PASS
		2462	17.303	2453.4885	2470.7912	PASS
11N20SISO	Ant1	2412	17.782	2403.1688	2420.9510	PASS
		2437	17.782	2428.1688	2445.9510	PASS
		2462	17.782	2453.1688	2470.9510	PASS
11N40SISO	Ant1	2422	33.487	2405.3766	2438.8631	PASS
		2437	33.487	2420.3766	2453.8631	PASS
		2452	33.487	2435.3766	2468.8631	PASS
11AX20SISO	Ant1	2412	18.541	2402.7692	2421.3107	PASS
		2437	18.501	2427.8092	2446.3107	PASS
		2462	18.501	2452.8092	2471.3107	PASS

11.2.2. Test Graphs

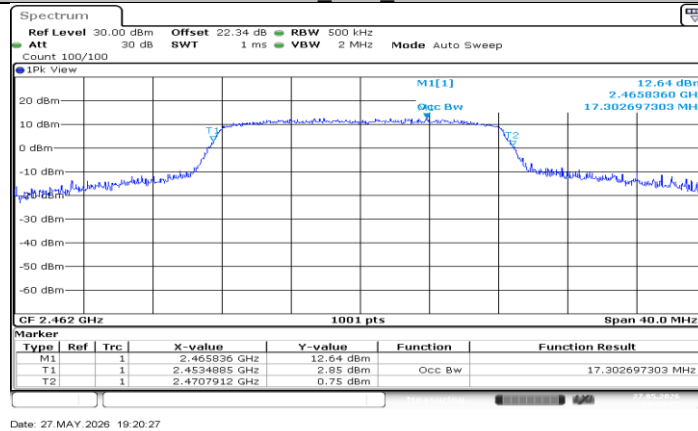




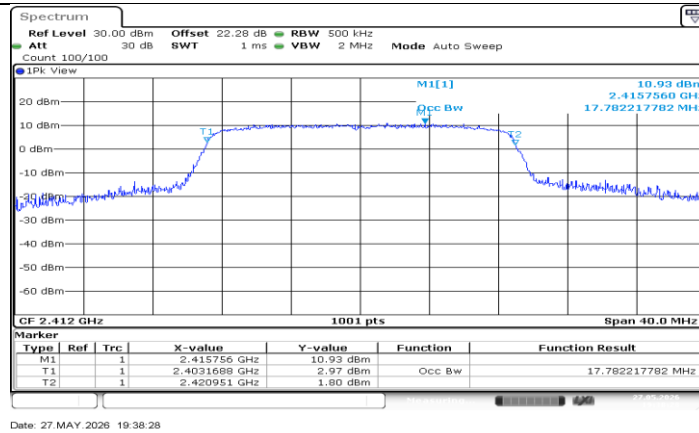
11G_Ant1_2412



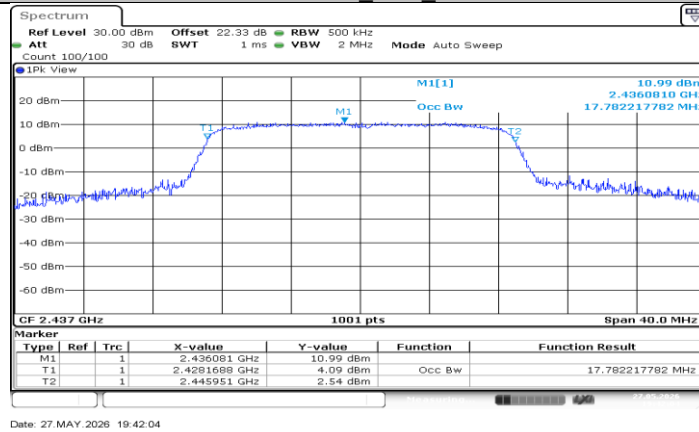
11G_Ant1_2437



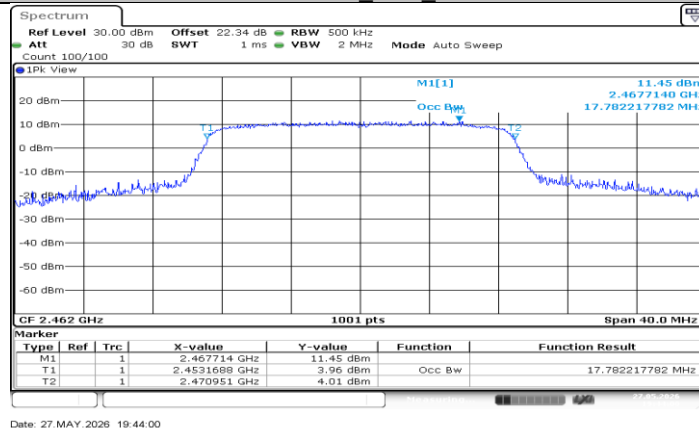
11G_Ant1_2462



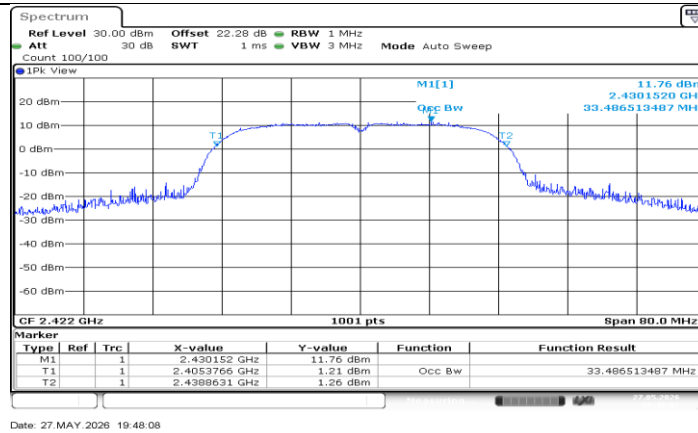
11N20SISO_Ant1_2412



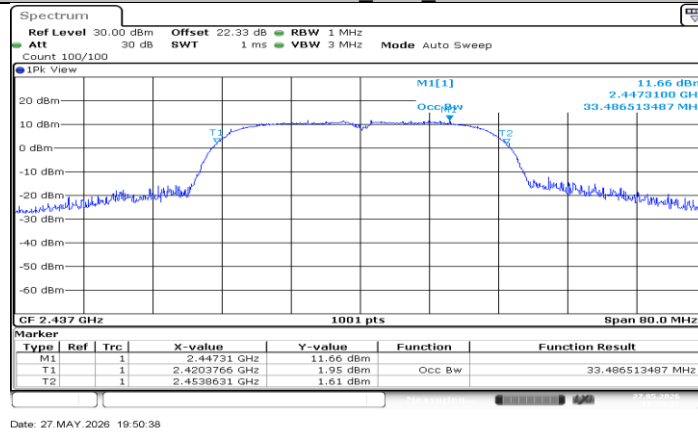
11N20SISO_Ant1_2437



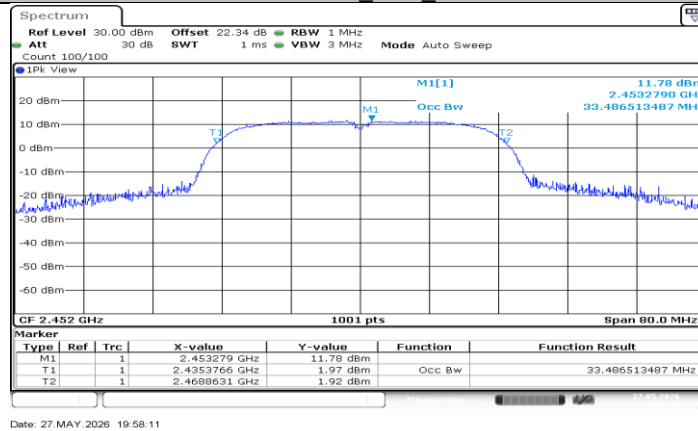
11N20SISO_Ant1_2462



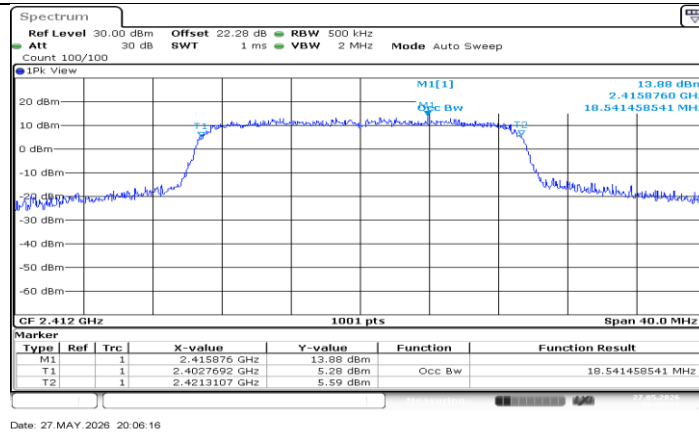
11N40SISO_Ant1_2422



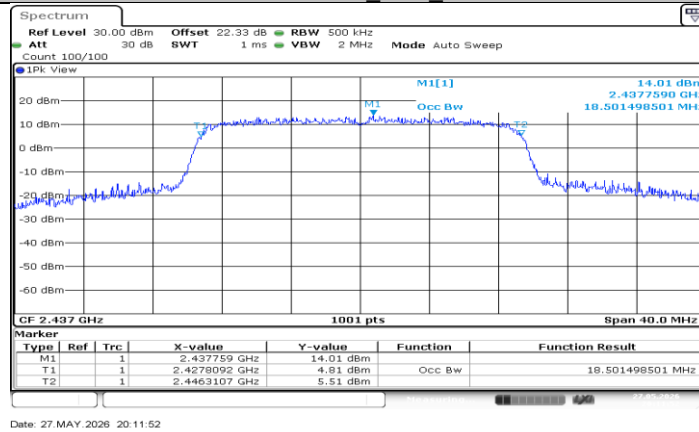
11N40SISO_Ant1_2437



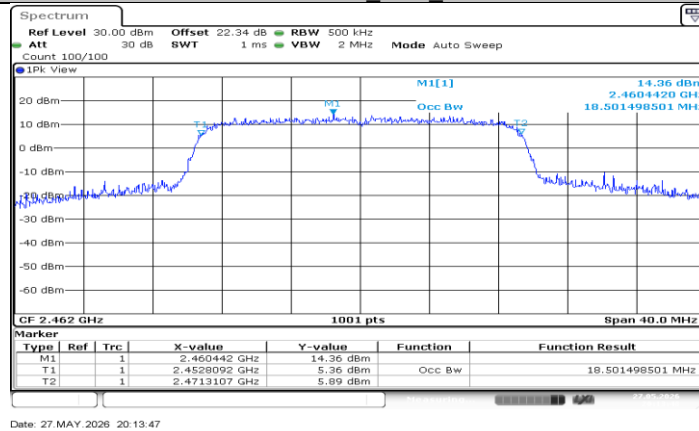
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	18.54	≤30.00	PASS
		2437	17.60	≤30.00	PASS
		2462	16.60	≤30.00	PASS
11G	Ant1	2412	17.73	≤30.00	PASS
		2437	18.15	≤30.00	PASS
		2462	18.32	≤30.00	PASS
11N20SISO	Ant1	2412	16.62	≤30.00	PASS
		2437	16.80	≤30.00	PASS
		2462	17.00	≤30.00	PASS
11N40SISO	Ant1	2422	15.70	≤30.00	PASS
		2437	15.95	≤30.00	PASS
		2452	16.17	≤30.00	PASS
11AX20SISO	Ant1	2412	16.36	≤30.00	PASS
		2437	16.70	≤30.00	PASS
		2462	16.90	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

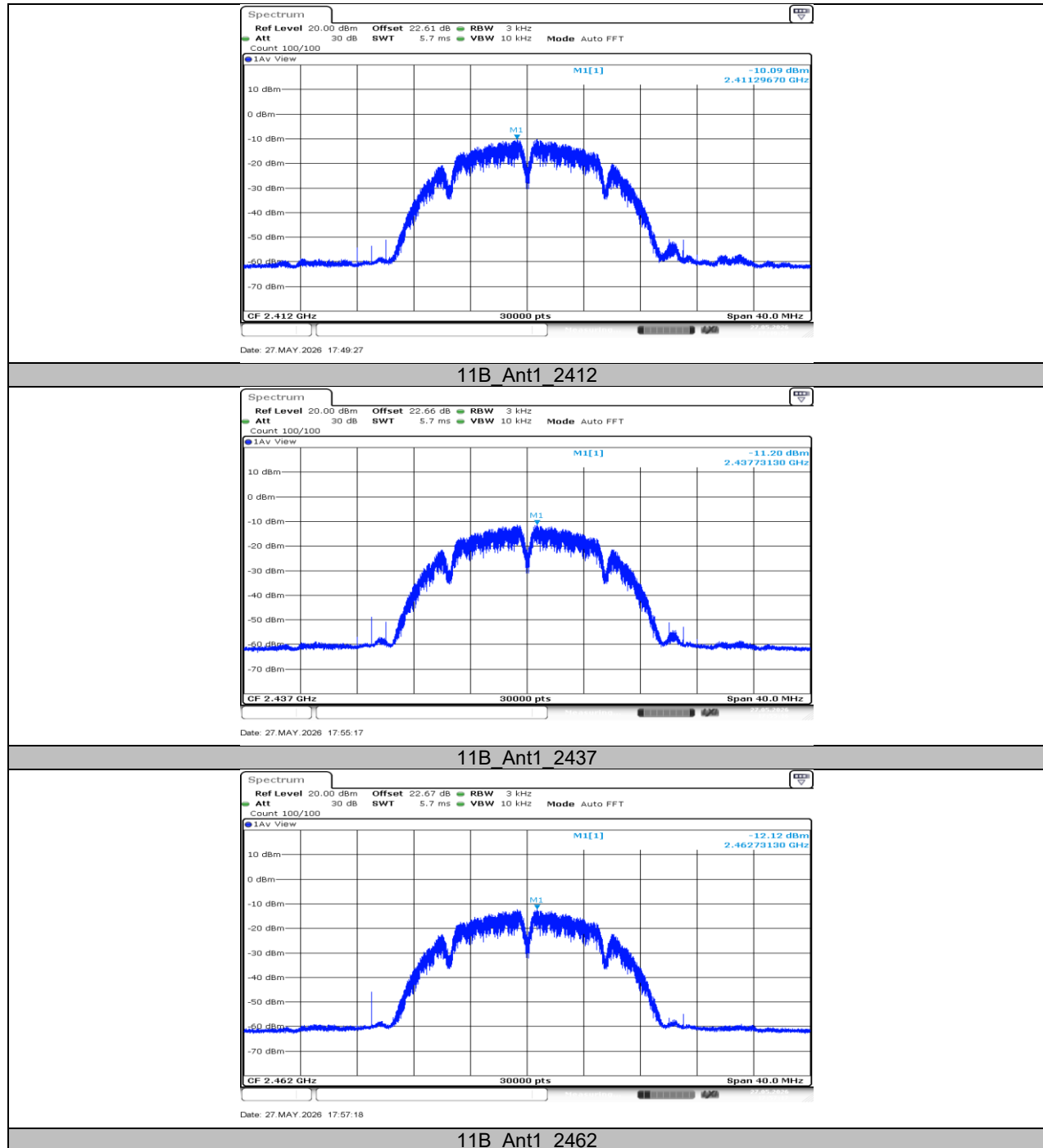
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

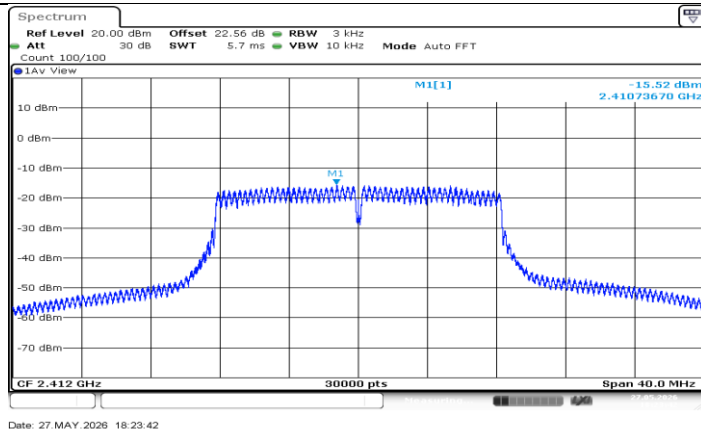
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.09	≤8.00	PASS
		2437	-11.20	≤8.00	PASS
		2462	-12.12	≤8.00	PASS
11G	Ant1	2412	-15.52	≤8.00	PASS
		2437	-15.55	≤8.00	PASS
		2462	-15.25	≤8.00	PASS
11N20SISO	Ant1	2412	-17.32	≤8.00	PASS
		2437	-17.23	≤8.00	PASS
		2462	-16.83	≤8.00	PASS
11N40SISO	Ant1	2422	-20.51	≤8.00	PASS
		2437	-20.18	≤8.00	PASS
		2452	-20.20	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.55	≤8.00	PASS
		2437	-17.23	≤8.00	PASS
		2462	-17.16	≤8.00	PASS

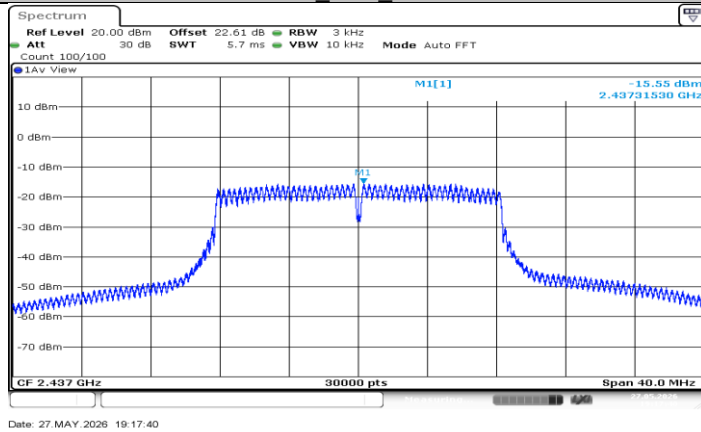
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

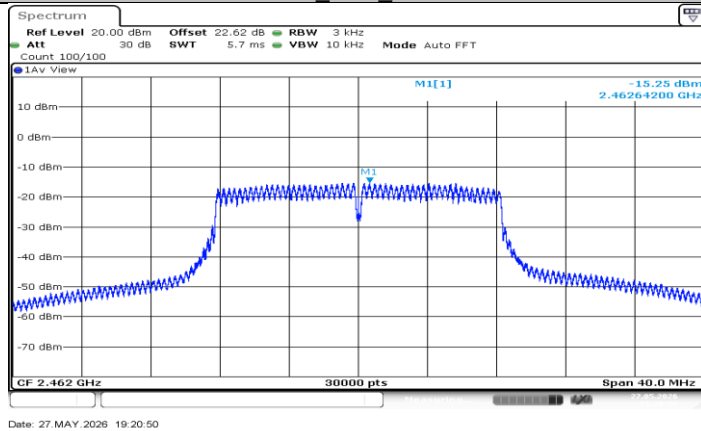




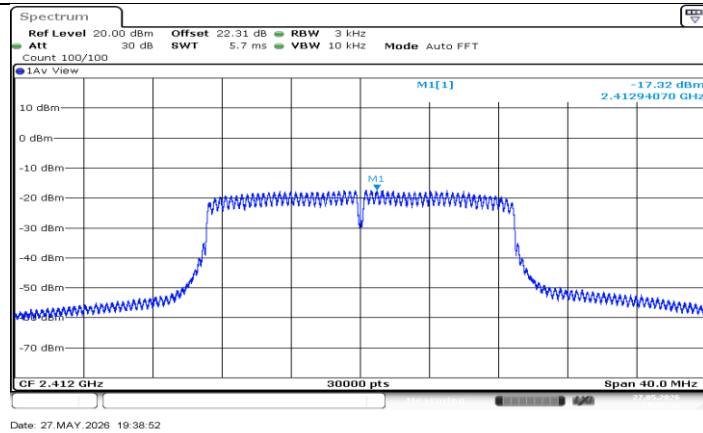
11G_Ant1_2412



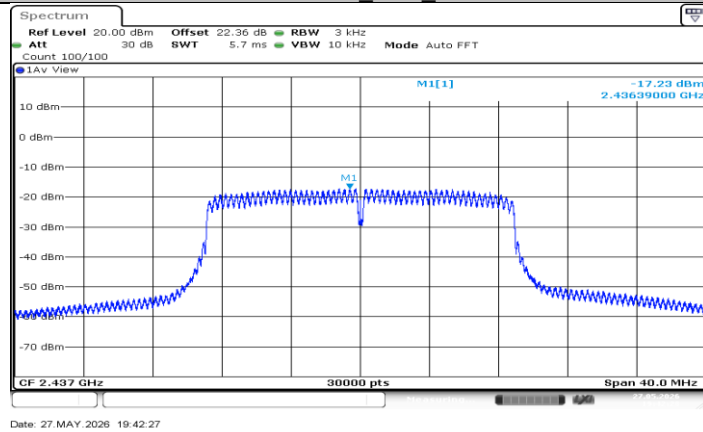
11G_Ant1_2437



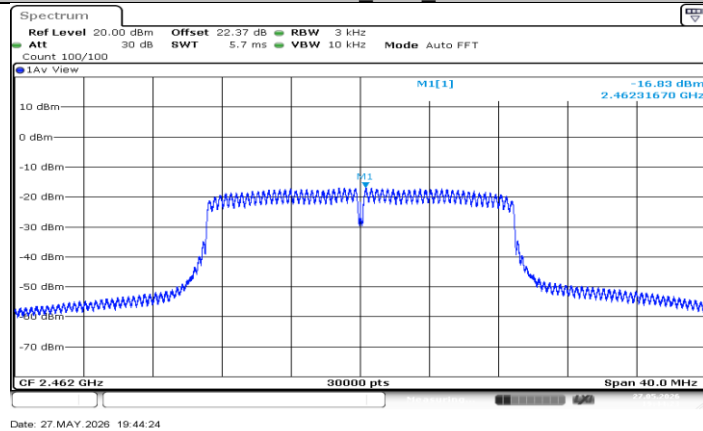
11G_Ant1_2462



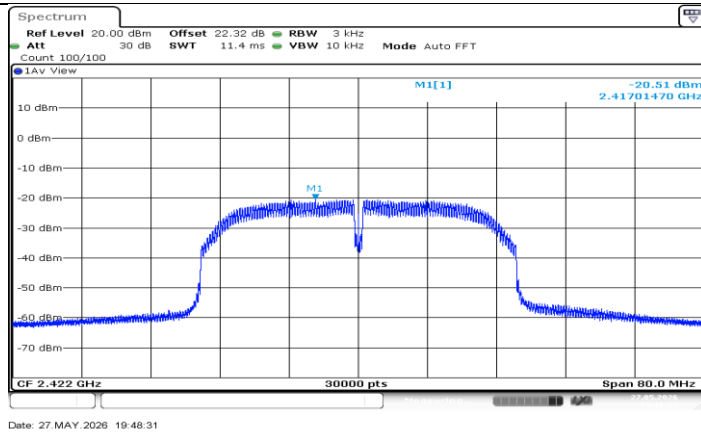
11N20SISO_Ant1_2412



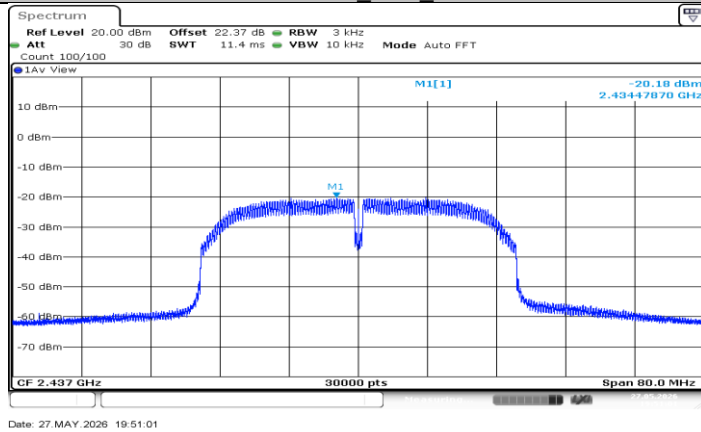
11N20SISO_Ant1_2437



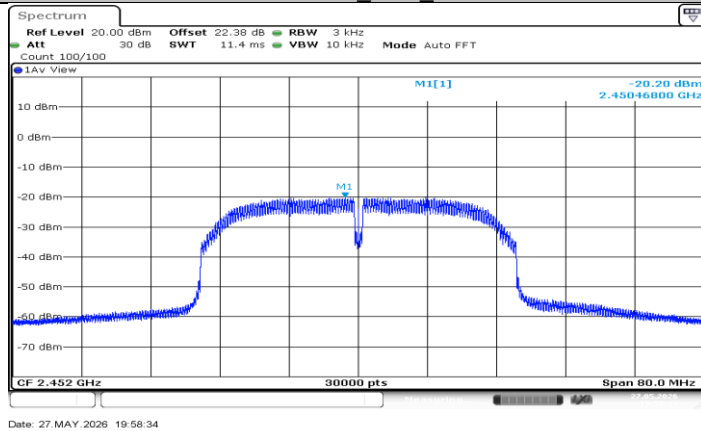
11N20SISO_Ant1_2462



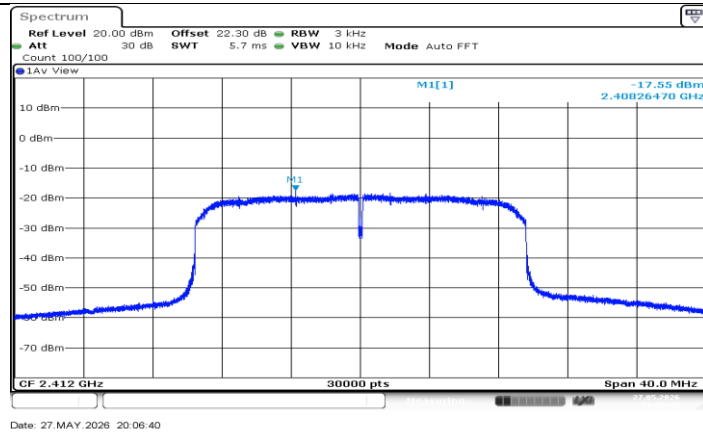
11N40SISO_Ant1_2422



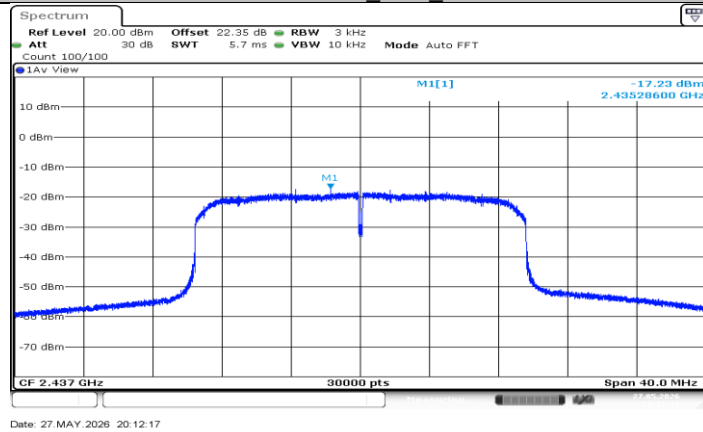
11N40SISO_Ant1_2437



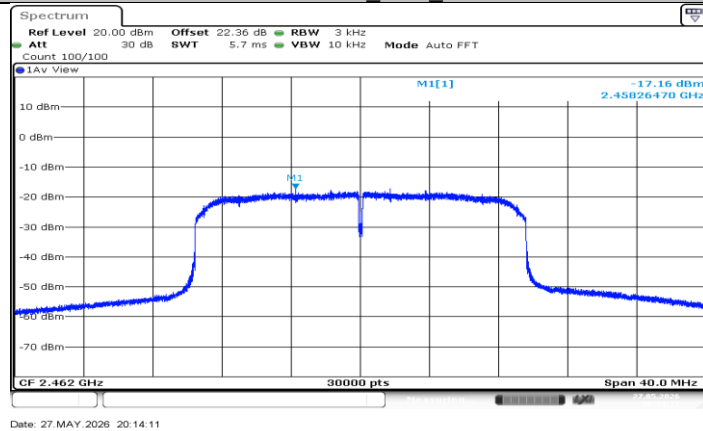
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437

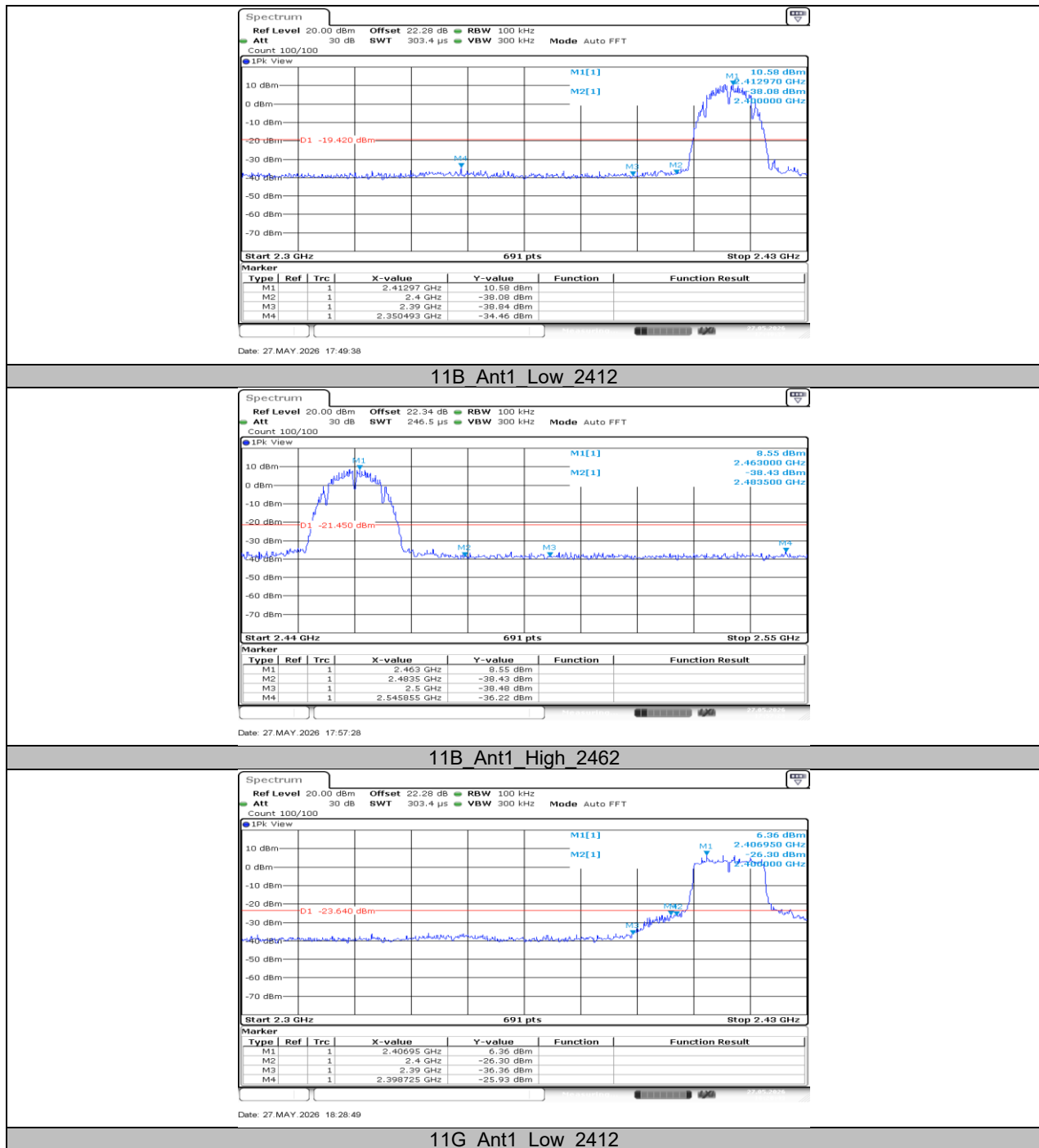


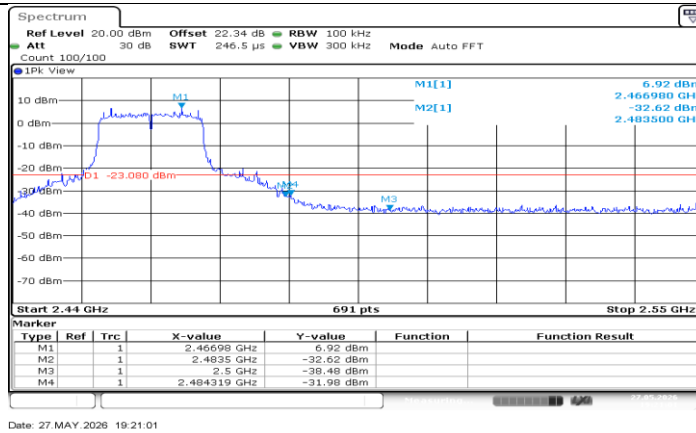
11AX20SISO_Ant1_2462

11.5. APPENDIX E: BAND EDGE MEASUREMENTS**11.5.1. Test Result**

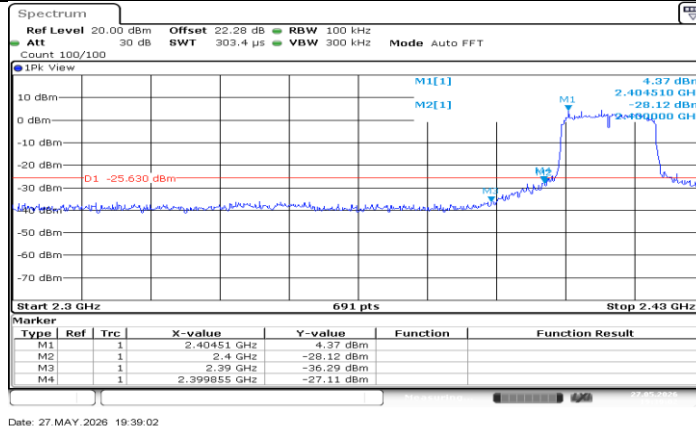
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.58	-34.46	≤-19.42	PASS
		High	2462	8.55	-36.22	≤-21.45	PASS
11G	Ant1	Low	2412	6.36	-25.93	≤-23.64	PASS
		High	2462	6.92	-31.98	≤-23.08	PASS
11N20SISO	Ant1	Low	2412	4.37	-27.11	≤-25.63	PASS
		High	2462	4.42	-32.42	≤-25.58	PASS
11N40SISO	Ant1	Low	2422	2.76	-33.96	≤-27.24	PASS
		High	2452	2.75	-33.09	≤-27.25	PASS
11AX20SISO	Ant1	Low	2412	5.37	-29.58	≤-24.63	PASS
		High	2462	5.32	-32.94	≤-24.68	PASS

11.5.2. Test Graphs

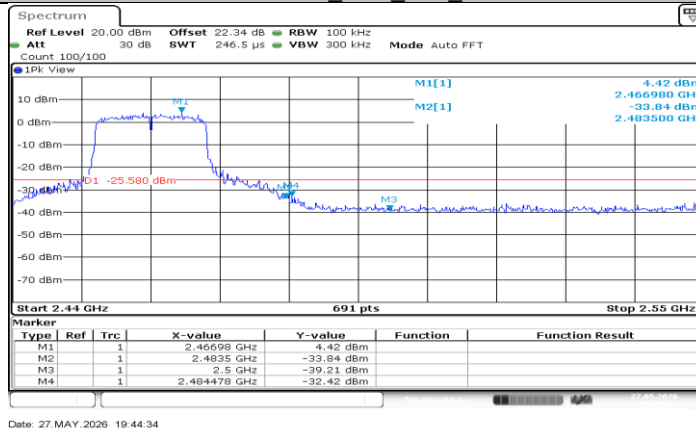




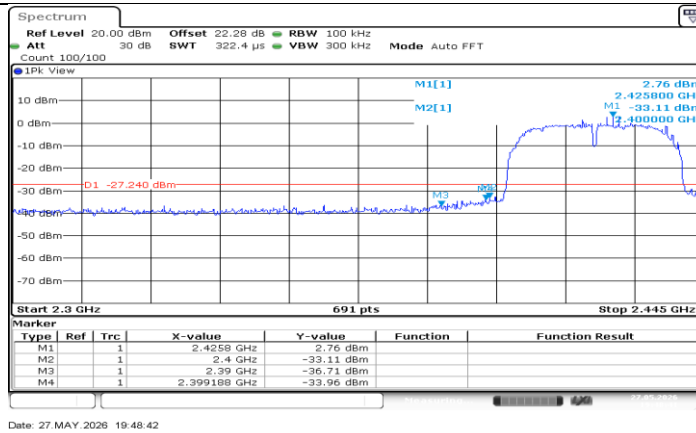
11G Ant1 High 2462



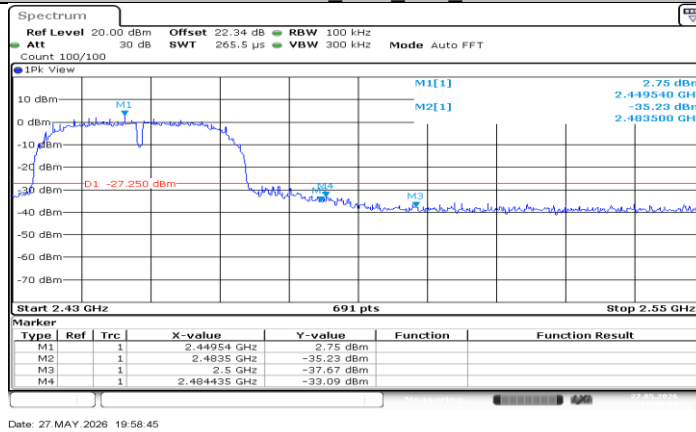
11N20SISO Ant1 Low 2412



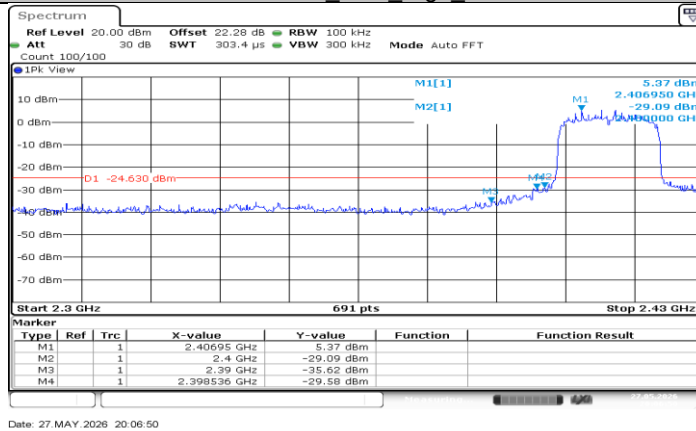
11N20SISO Ant1 High 2462



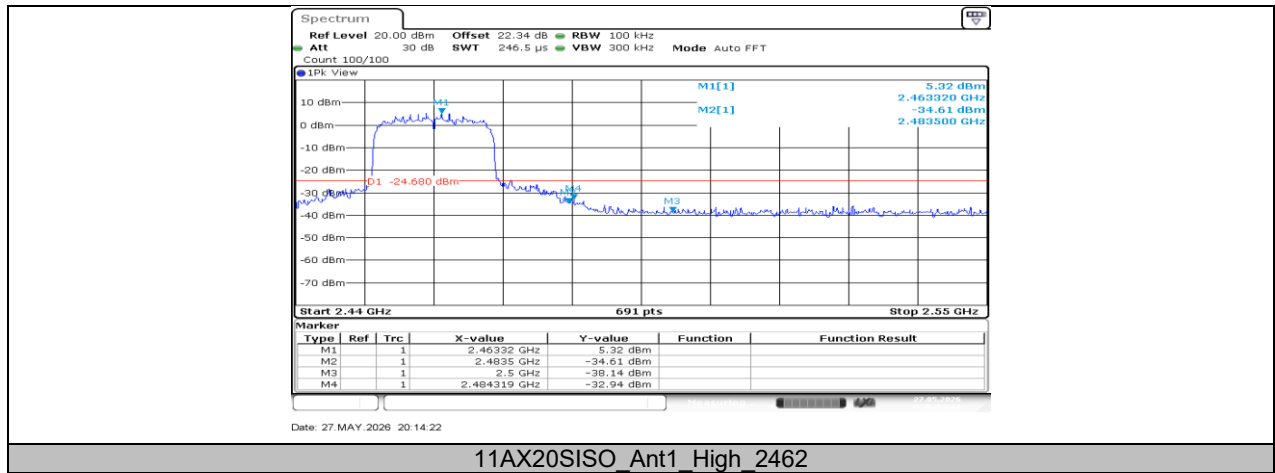
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412

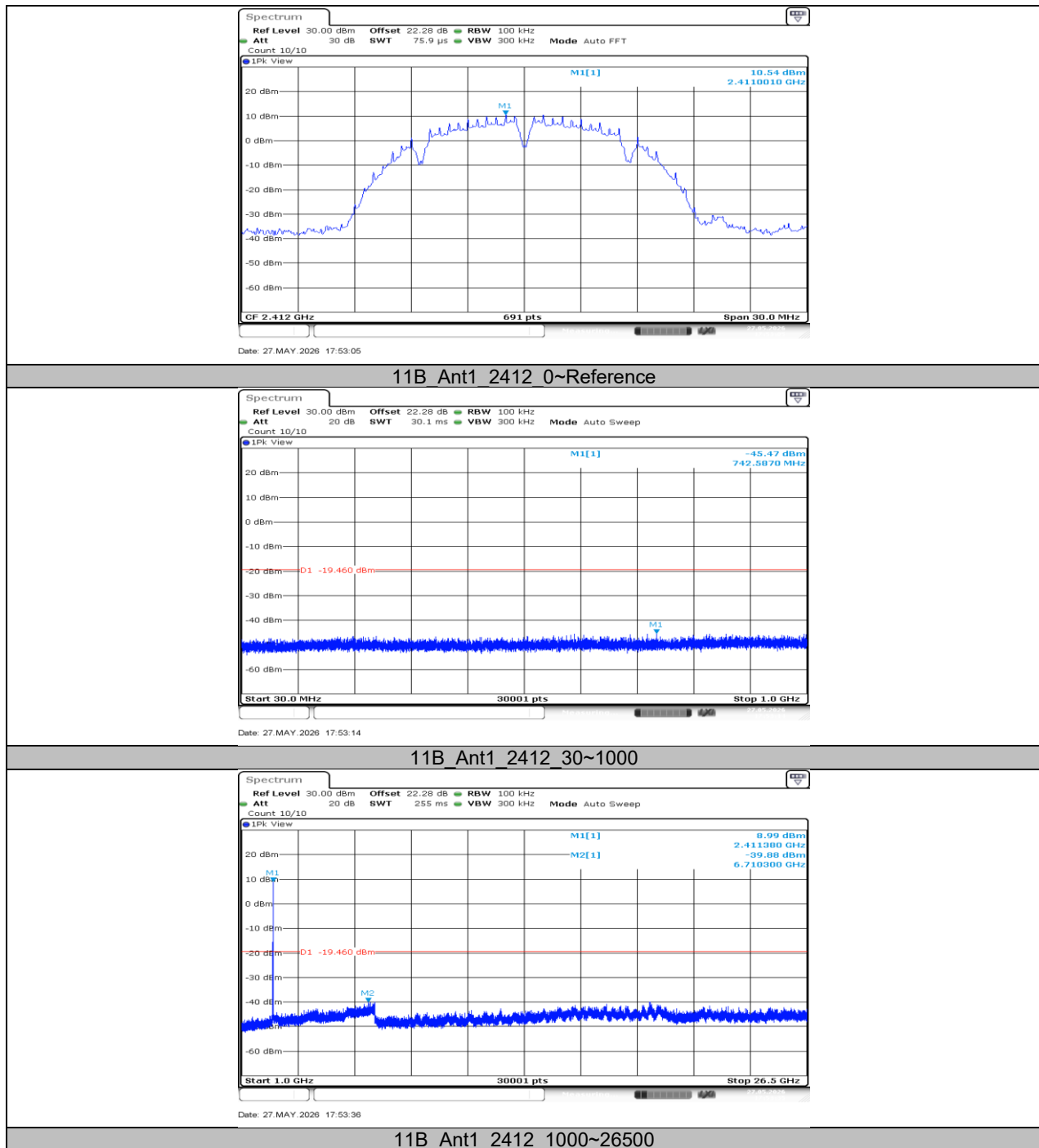


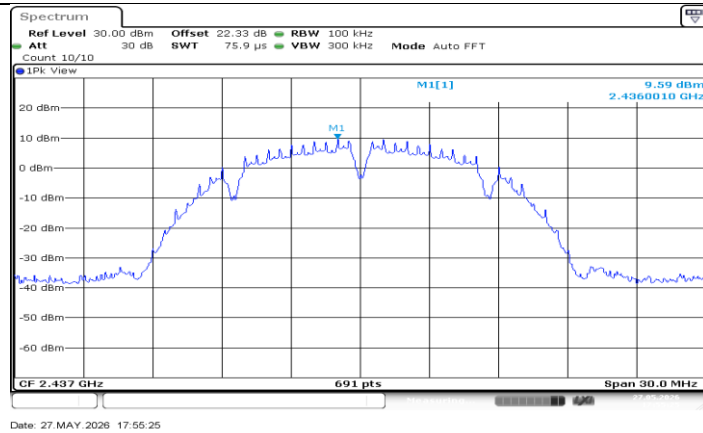
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

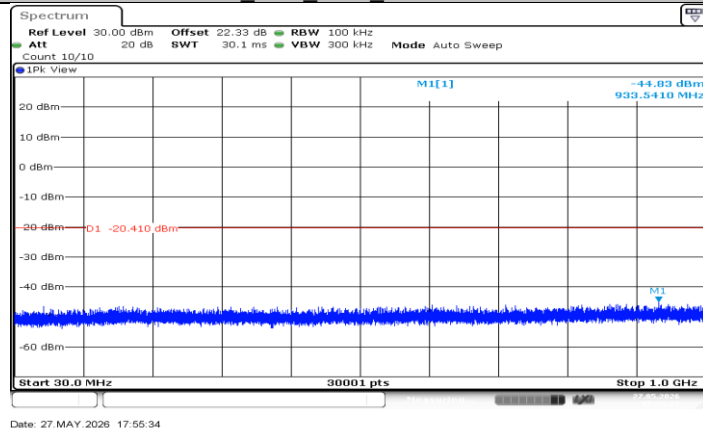
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.54	10.54	---	PASS
			30~1000	10.54	-45.47	≤-19.46	PASS
			1000~26500	10.54	-39.88	≤-19.46	PASS
		2437	Reference	9.59	9.59	---	PASS
			30~1000	9.59	-44.83	≤-20.41	PASS
			1000~26500	9.59	-39.73	≤-20.41	PASS
		2462	Reference	8.63	8.63	---	PASS
			30~1000	8.63	-44.92	≤-21.37	PASS
			1000~26500	8.63	-39.75	≤-21.37	PASS
11G	Ant1	2412	Reference	6.50	6.50	---	PASS
			30~1000	6.50	-44.84	≤-23.5	PASS
			1000~26500	6.50	-40.42	≤-23.5	PASS
		2437	Reference	7.24	7.24	---	PASS
			30~1000	7.24	-44.76	≤-22.76	PASS
			1000~26500	7.24	-39.79	≤-22.76	PASS
		2462	Reference	7.46	7.46	---	PASS
			30~1000	7.46	-45.41	≤-22.54	PASS
			1000~26500	7.46	-40.09	≤-22.54	PASS
11N20SISO	Ant1	2412	Reference	5.53	5.53	---	PASS
			30~1000	5.53	-45	≤-24.47	PASS
			1000~26500	5.53	-40.07	≤-24.47	PASS
		2437	Reference	3.58	3.58	---	PASS
			30~1000	3.58	-44.99	≤-26.42	PASS
			1000~26500	3.58	-39	≤-26.42	PASS
		2462	Reference	6.39	6.39	---	PASS
			30~1000	6.39	-44.75	≤-23.61	PASS
			1000~26500	6.39	-40.16	≤-23.61	PASS
11N40SISO	Ant1	2422	Reference	2.65	2.65	---	PASS
			30~1000	2.65	-44.73	≤-27.35	PASS
			1000~26500	2.65	-39.05	≤-27.35	PASS
		2437	Reference	2.91	2.91	---	PASS
			30~1000	2.91	-45.27	≤-27.09	PASS
			1000~26500	2.91	-39.4	≤-27.09	PASS
		2452	Reference	3.57	3.57	---	PASS
			30~1000	3.57	-44.92	≤-26.43	PASS
			1000~26500	3.57	-40.04	≤-26.43	PASS
11AX20SISO	Ant1	2412	Reference	5.39	5.39	---	PASS
			30~1000	5.39	-44.67	≤-24.61	PASS
			1000~26500	5.39	-39.57	≤-24.61	PASS
		2437	Reference	5.94	5.94	---	PASS
			30~1000	5.94	-43.88	≤-24.06	PASS
			1000~26500	5.94	-39.74	≤-24.06	PASS
		2462	Reference	5.54	5.54	---	PASS
			30~1000	5.54	-44.58	≤-24.46	PASS
			1000~26500	5.54	-39.53	≤-24.46	PASS

11.6.2. Test Graphs

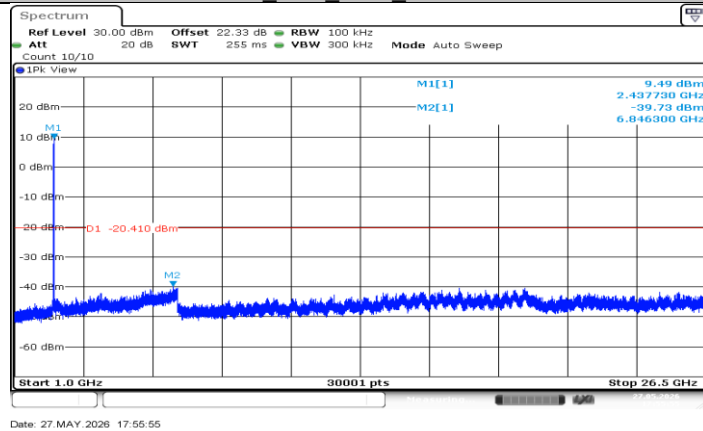




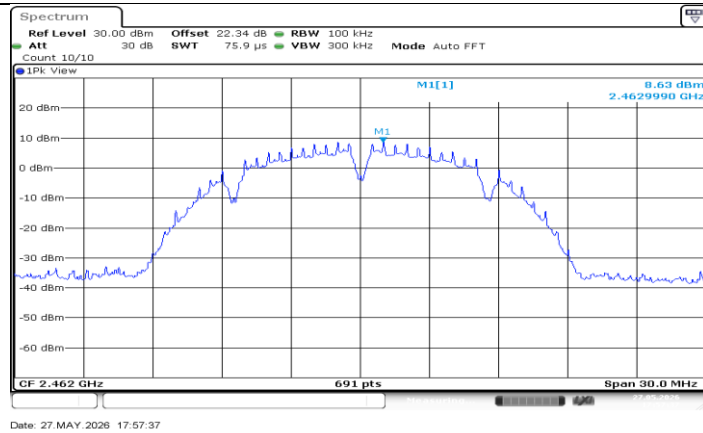
11B_Ant1_2437_0~Reference



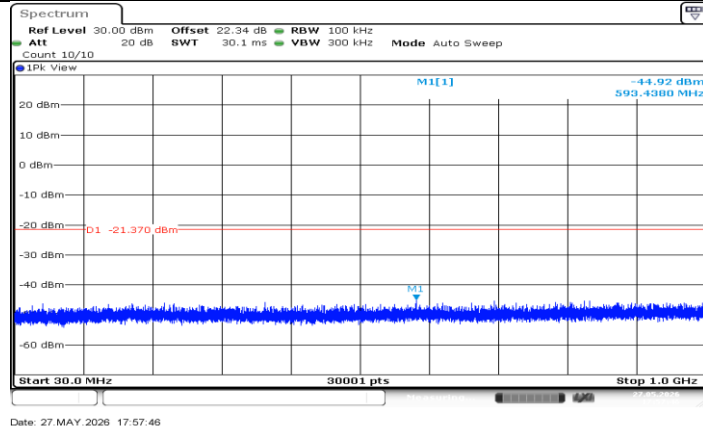
11B_Ant1_2437_30~1000



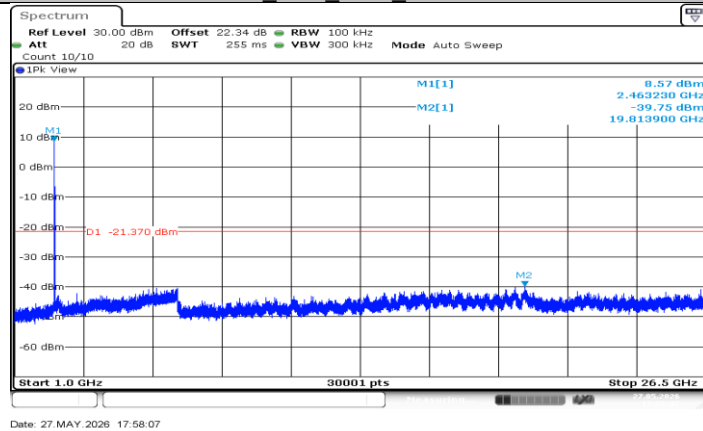
11B_Ant1_2437_1000~26500



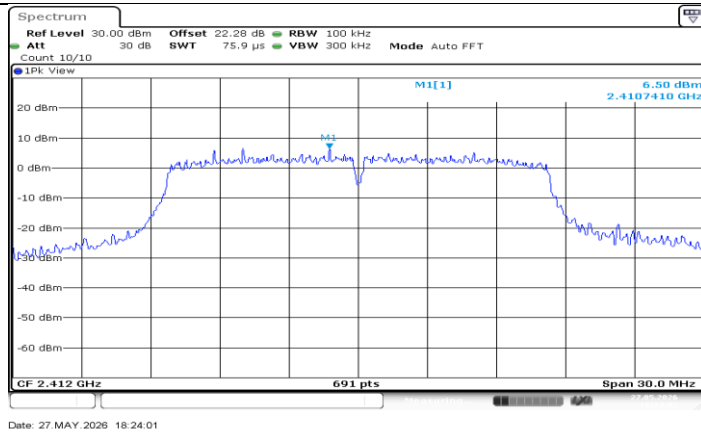
11B_Ant1_2462_0~Reference



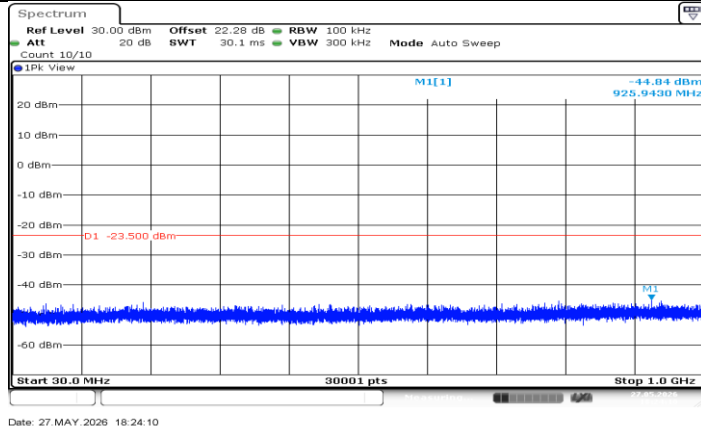
11B_Ant1_2462_30~1000



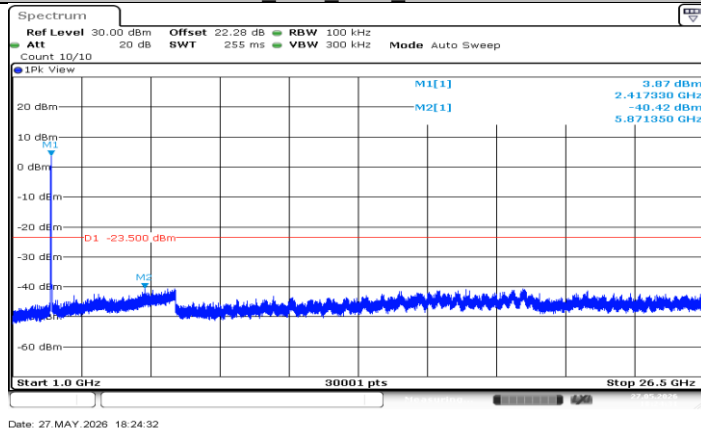
11B_Ant1_2462_1000~26500



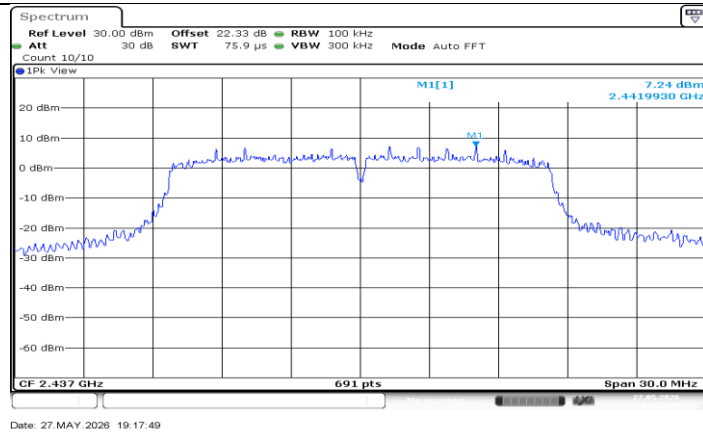
11G_Ant1_2412_0~Reference



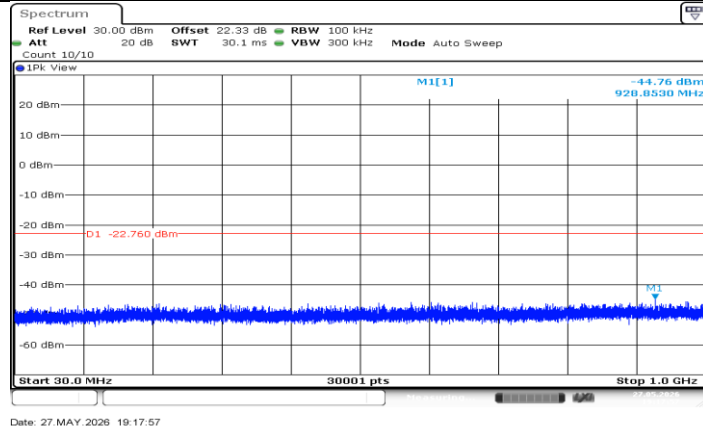
11G_Ant1_2412_30~1000



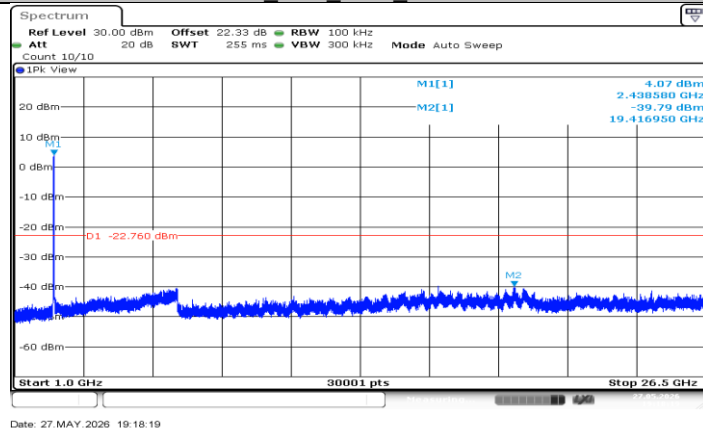
11G_Ant1_2412_1000~26500



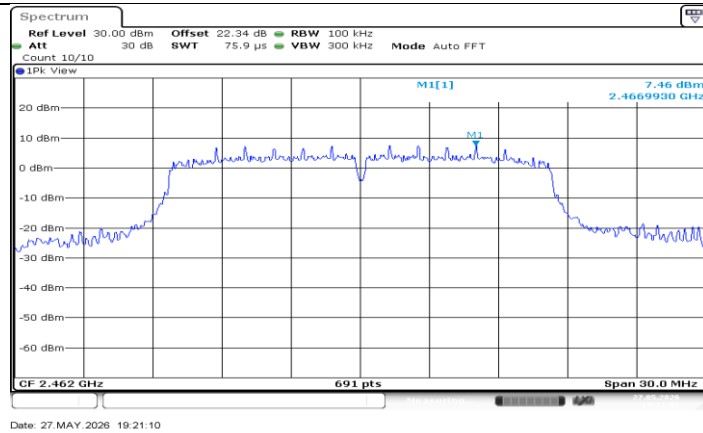
11G_Ant1_2437_0~Reference



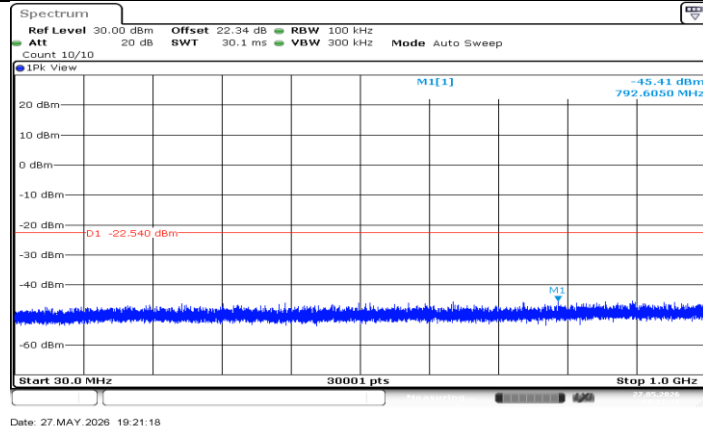
11G_Ant1_2437_30~1000



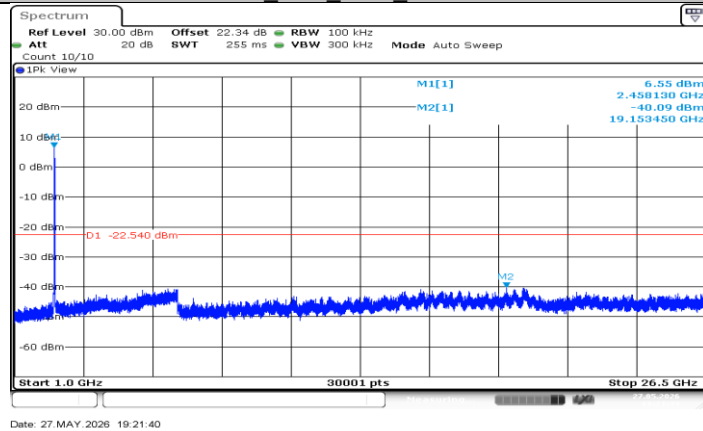
11G_Ant1_2437_1000~26500



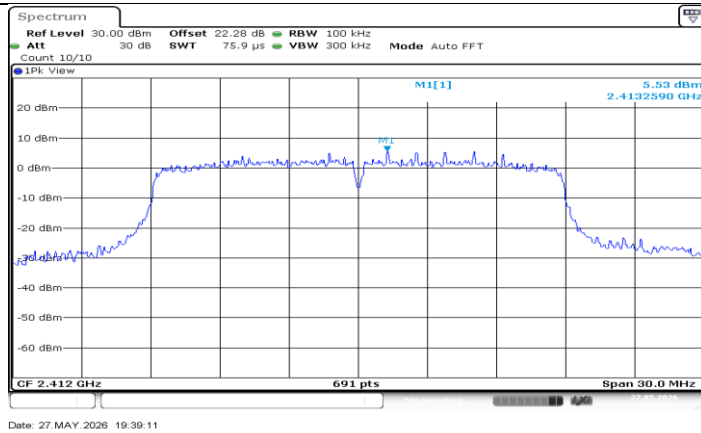
11G_Ant1_2462_0~Reference



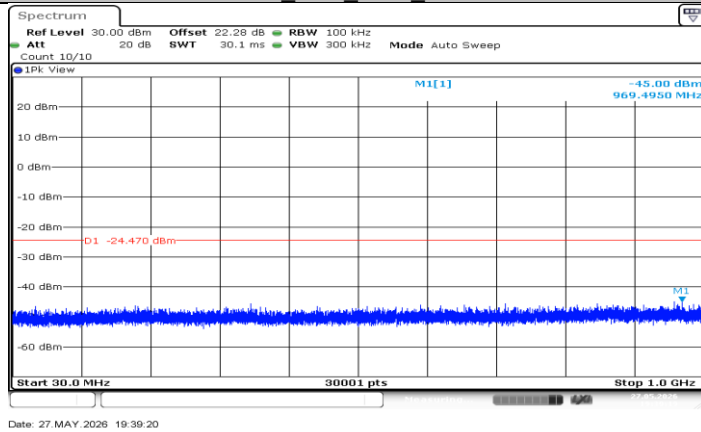
11G_Ant1_2462_30~1000



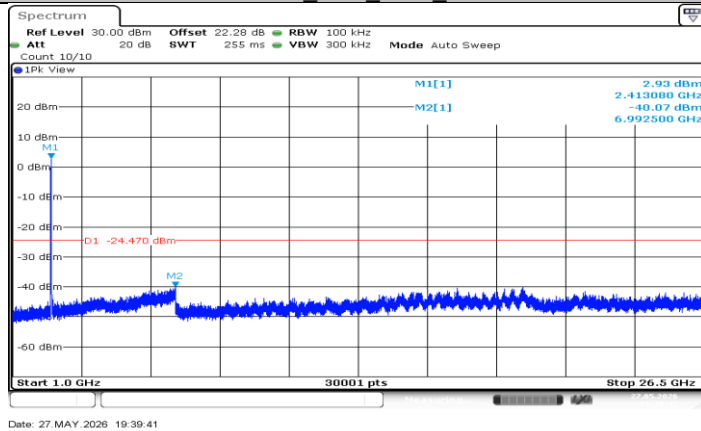
11G_Ant1_2462_1000~26500



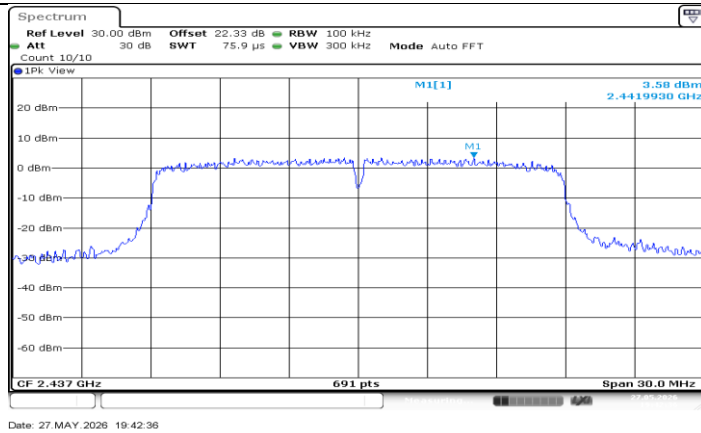
11N20SISO_Ant1_2412_0~Reference



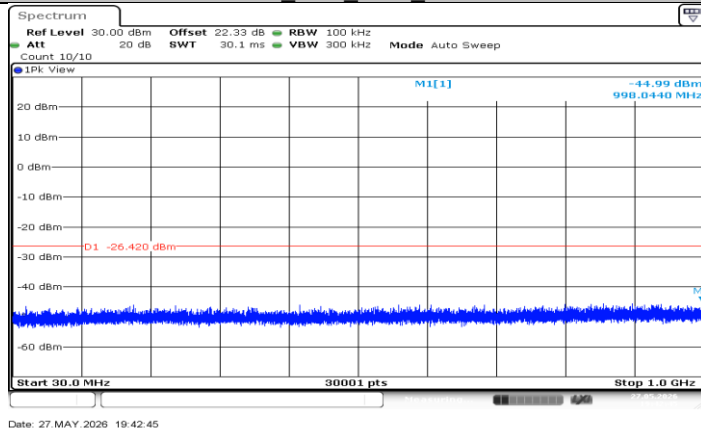
11N20SISO_Ant1_2412_30~1000



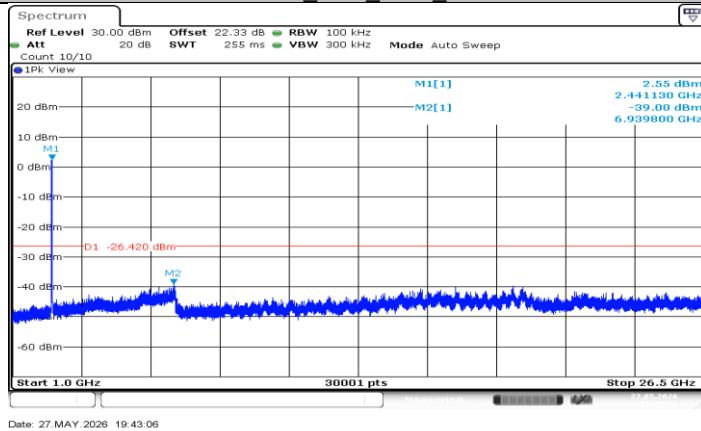
11N20SISO_Ant1_2412_1000~26500



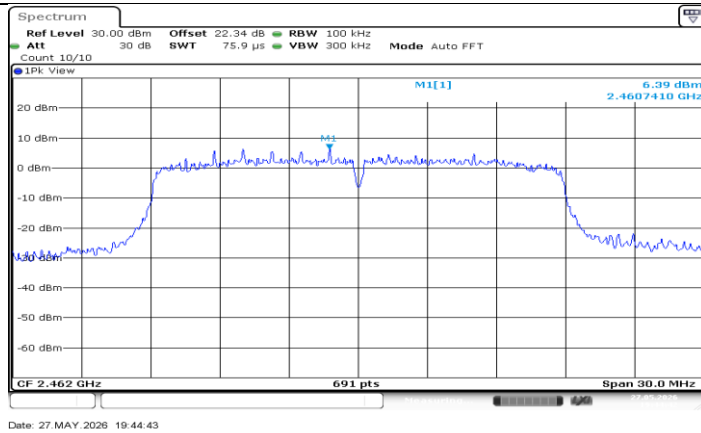
11N20SISO_Ant1_2437_0~Reference



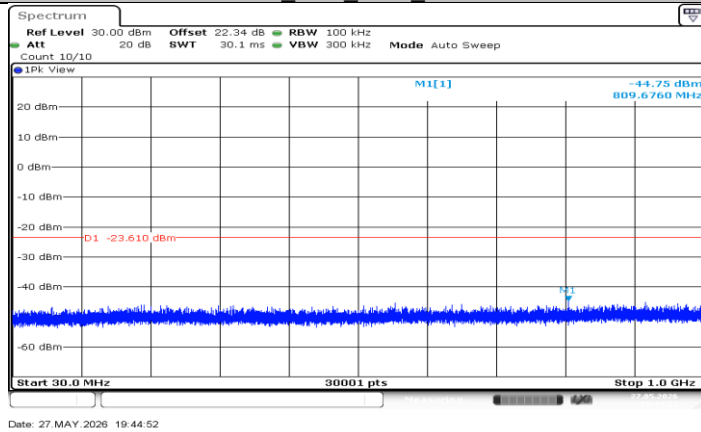
11N20SISO_Ant1_2437_30~1000



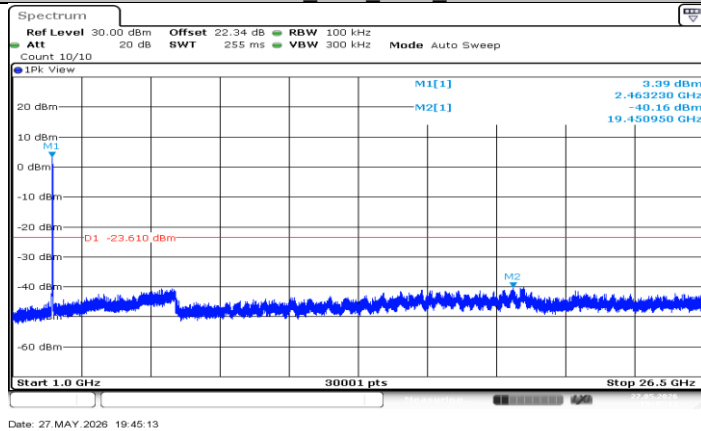
11N20SISO_Ant1_2437_1000~26500



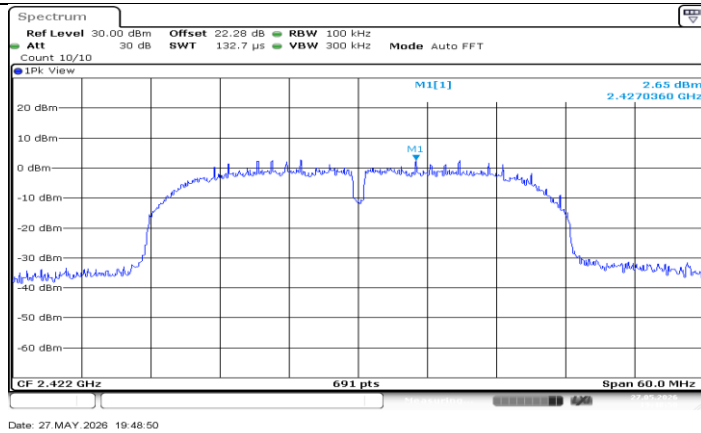
11N20SISO_Ant1_2462_0~Reference



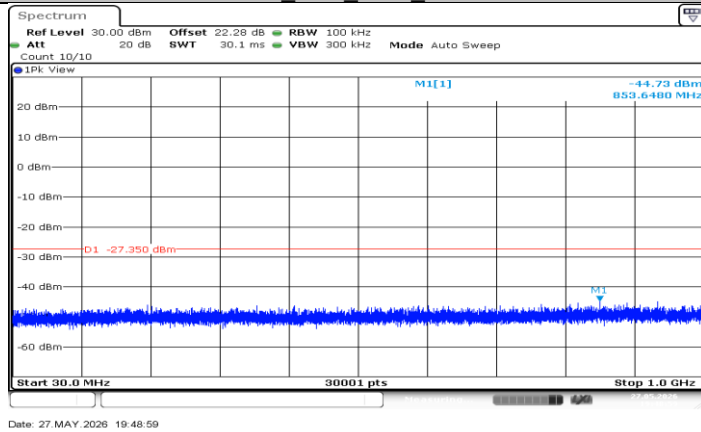
11N20SISO_Ant1_2462_30~1000



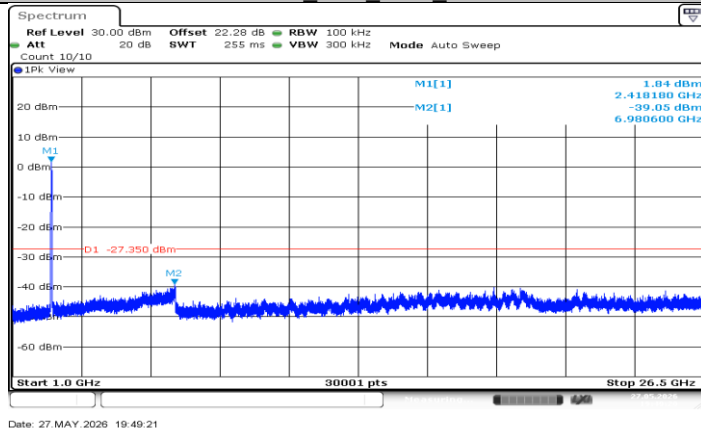
11N20SISO_Ant1_2462_1000~26500



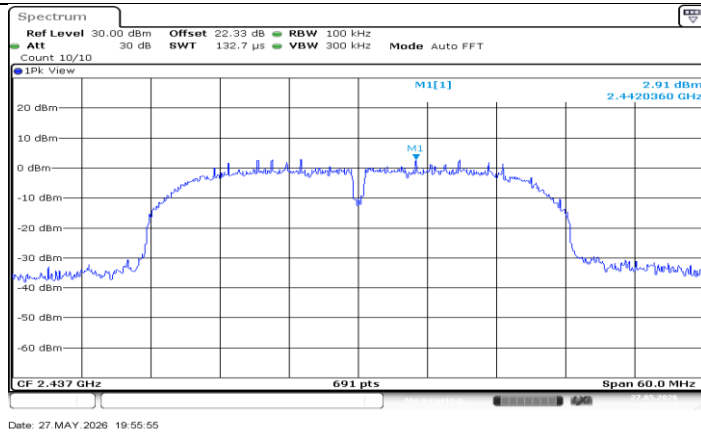
11N40SISO_Ant1_2422_0~Reference



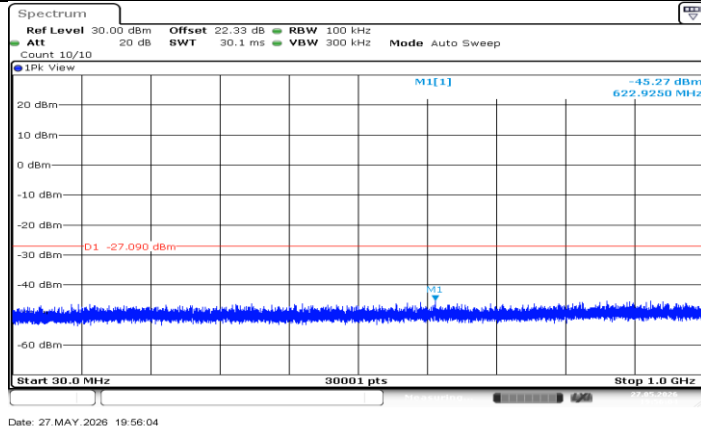
11N40SISO_Ant1_2422_30~1000



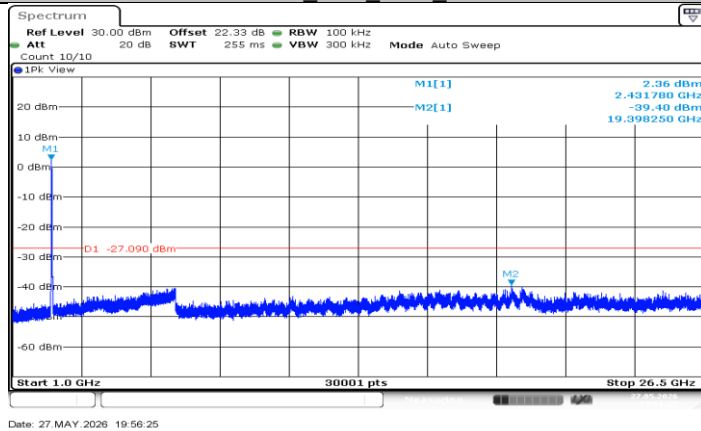
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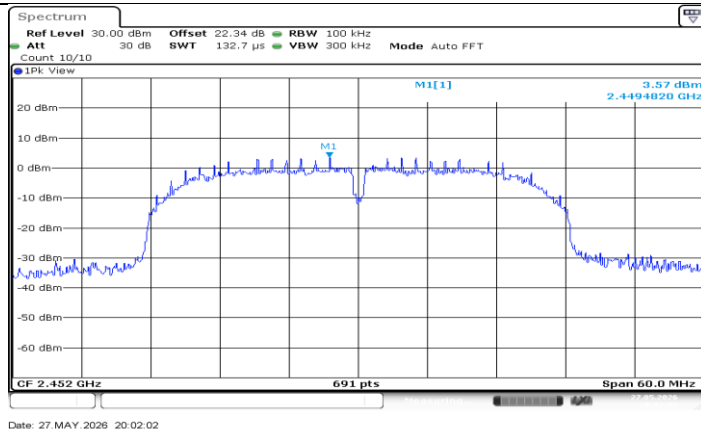
11N40SISO_Ant1_2437_0~Reference



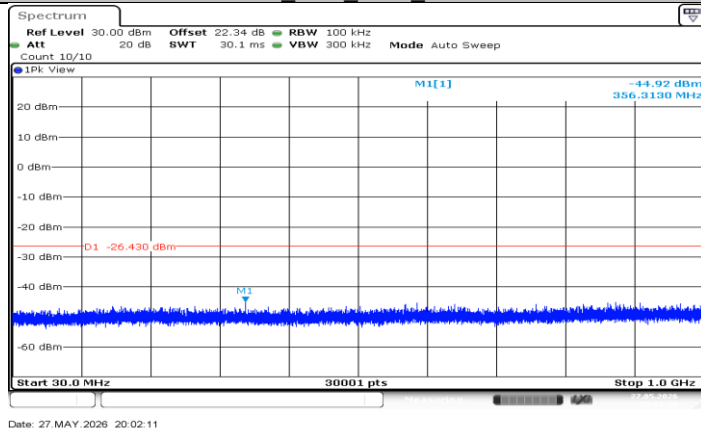
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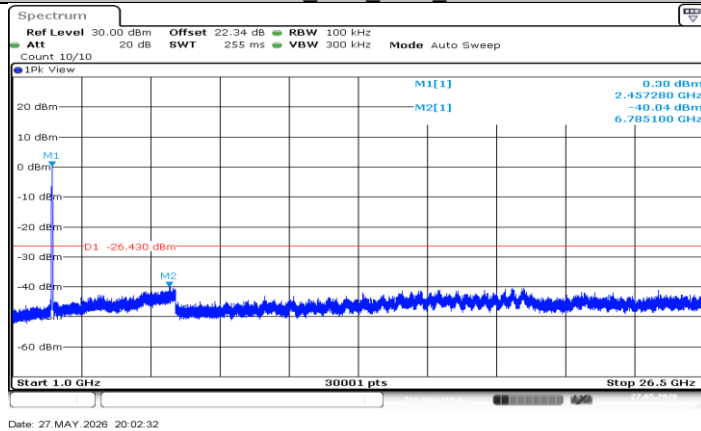
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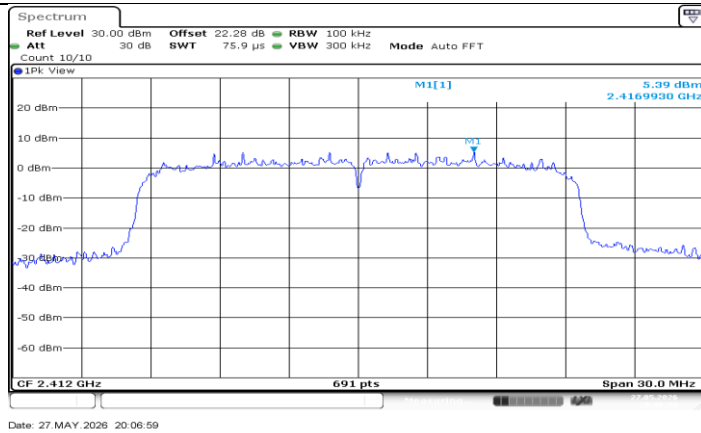
11N40SISO_Ant1_2452_0~Reference



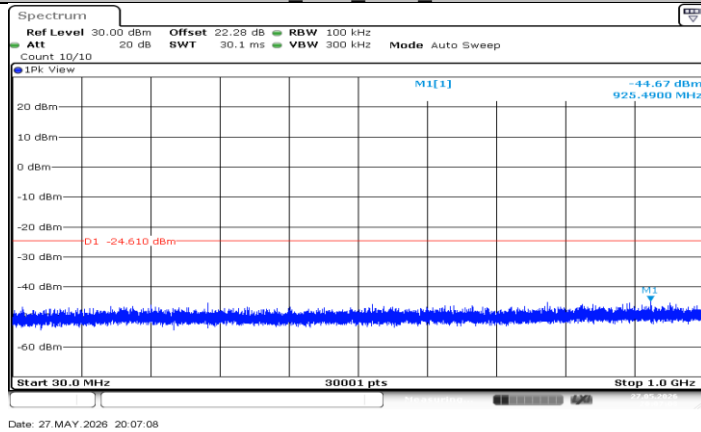
11N40SISO_Ant1_2452_30~1000



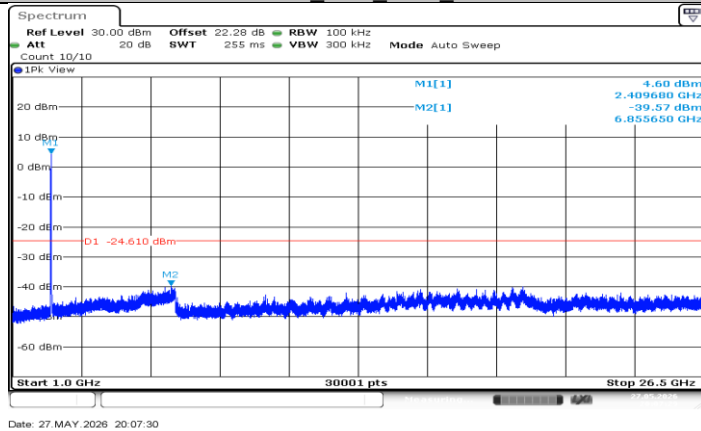
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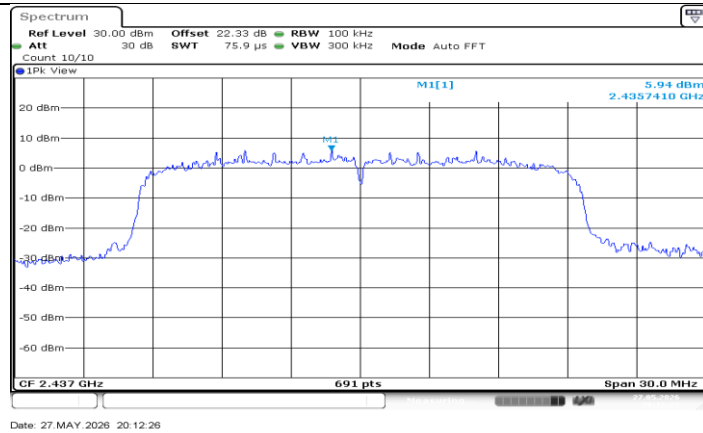
11AX20SISO_Ant1_2412_0~Reference



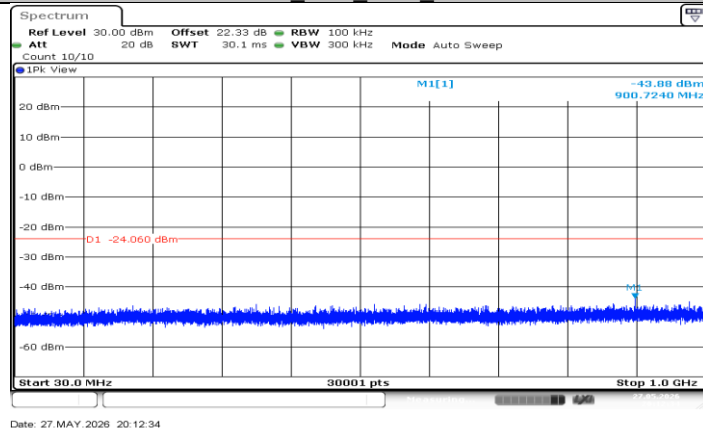
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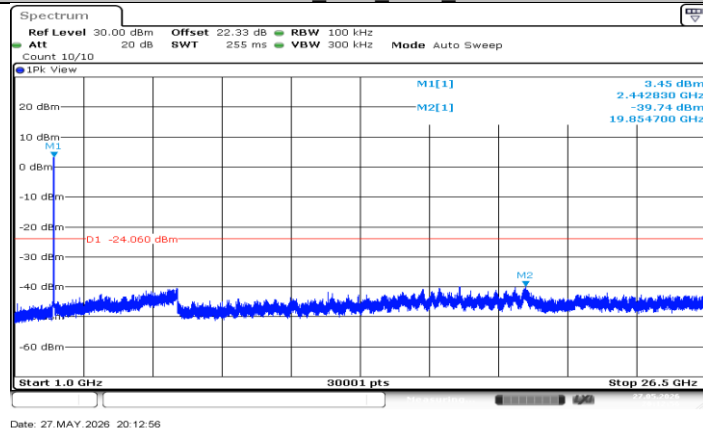
11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference



11AX20SISO_Ant1_2437_1000~26500



11AX20SISO_Ant1_2437_1000~26500