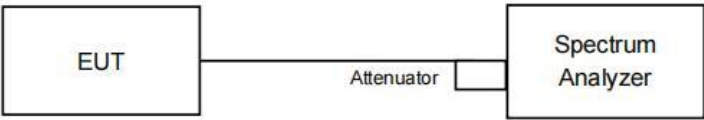


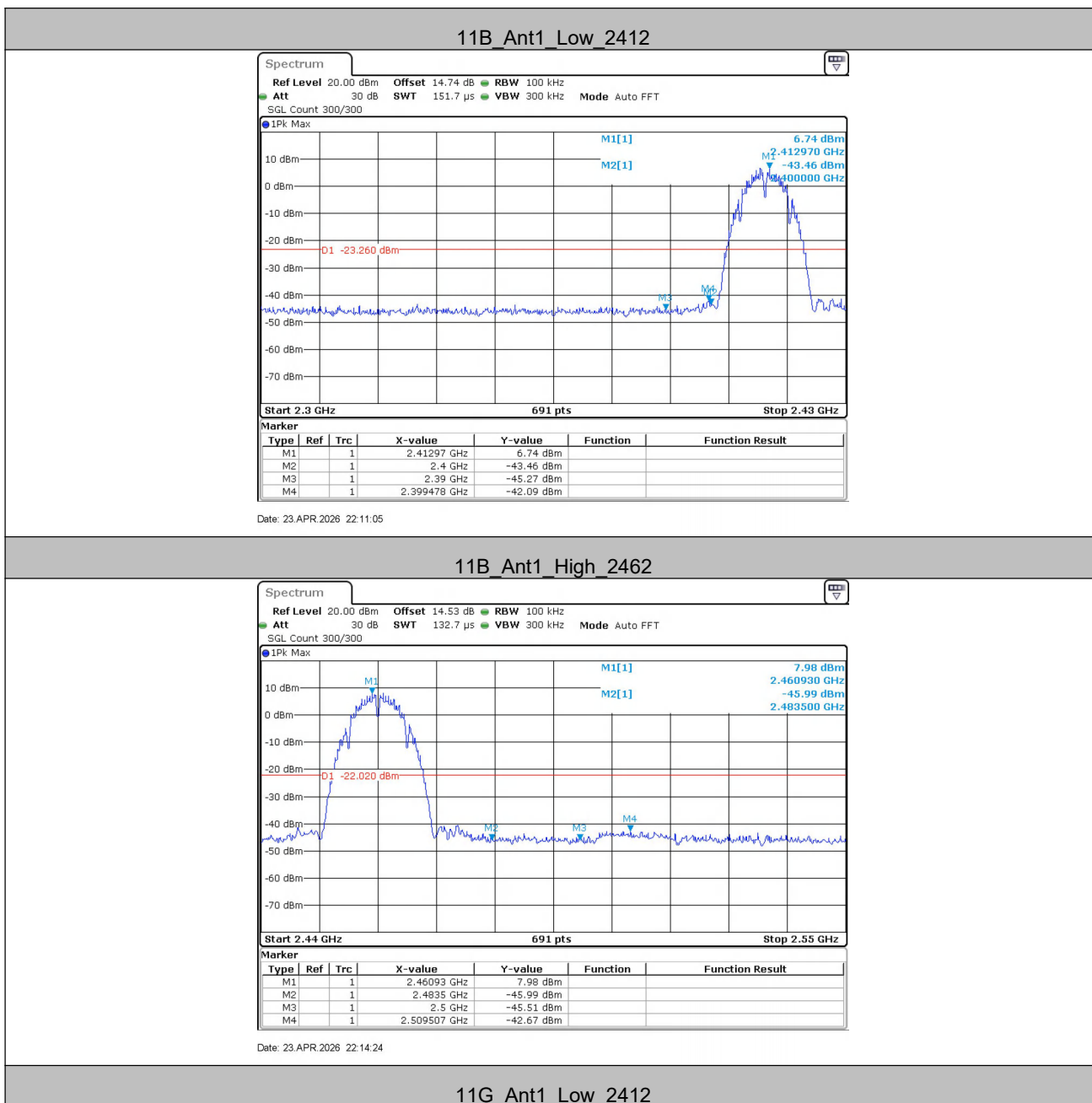
5.7 Band-edge for RF Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Setup:	 Offset=cable loss+ attenuation factor
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Only the worst case is recorded in the report.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

Test Result

TestMode	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	6.74	-42.09	≤ -23.26	PASS
	High	2462	7.98	-42.67	≤ -22.02	PASS
11G	Low	2412	4.39	-28.63	≤ -25.61	PASS
	High	2462	5.70	-42.38	≤ -24.3	PASS
11N20SISO	Low	2412	4.39	-27.94	≤ -25.61	PASS
	High	2462	5.73	-40.07	≤ -24.27	PASS
11N40SISO	Low	2422	3.11	-29.18	≤ -26.89	PASS
	High	2452	3.60	-31.03	≤ -26.4	PASS
11AX20SISO	Low	2412	0.51	-41.17	≤ -29.49	PASS
	High	2462	0.35	-42.21	≤ -29.65	PASS

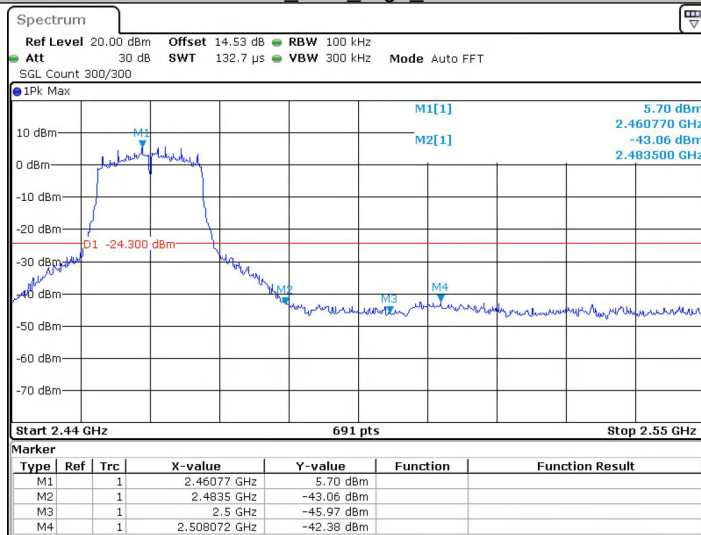
5.7.1 Test Graphs





Date: 23 APR 2026 22:16:02

11G_Ant1_High_2462



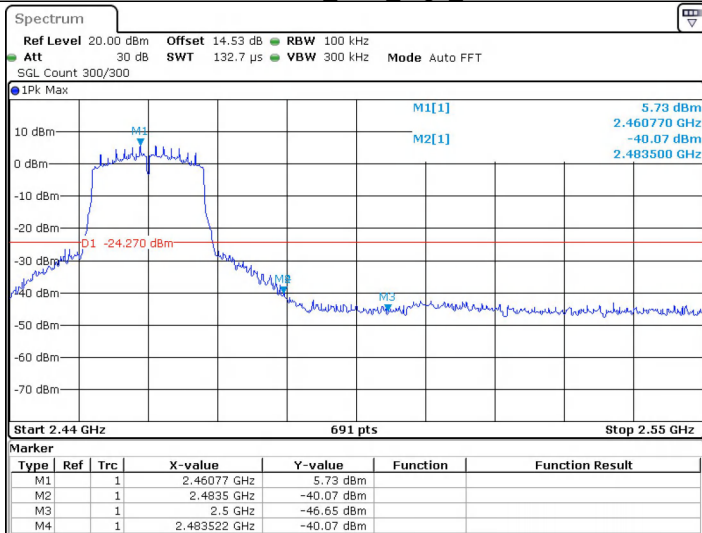
Date: 23 APR 2026 22:19:53

11N20SISO_Ant1_Low_2412



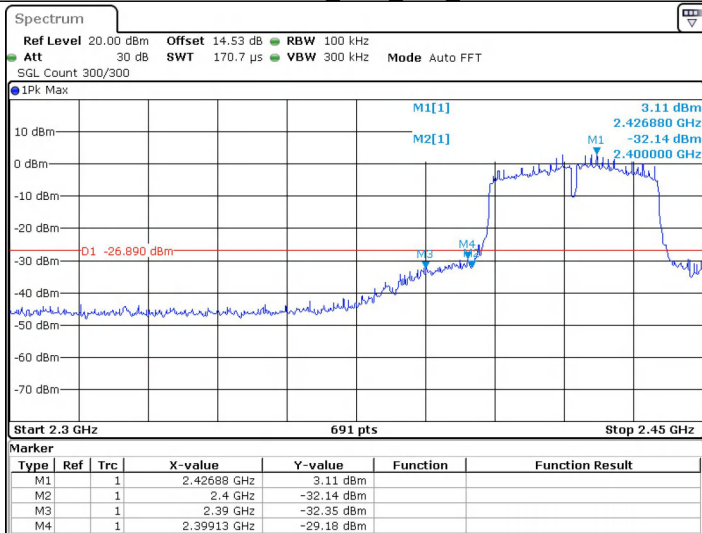
Date: 23 APR 2026 22:21:34

11N20SISO_Ant1_High_2462



Date: 23 APR 2026 22:27:47

11N40SISO_Ant1_Low_2422



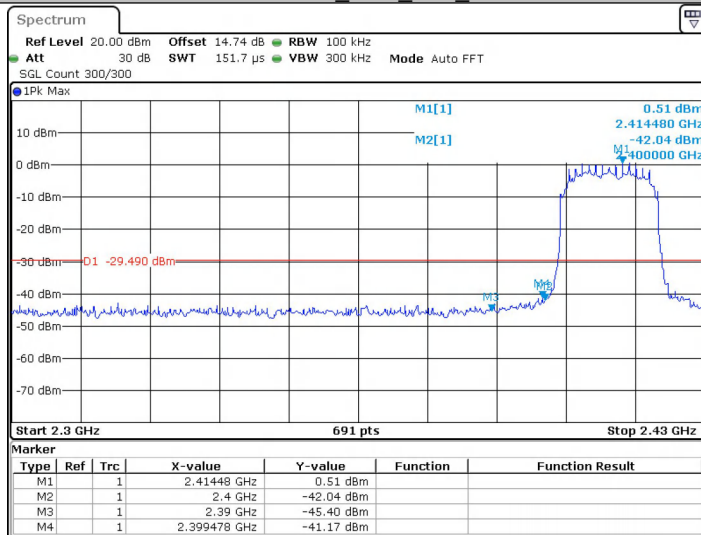
Date: 23 APR 2026 22:29:21

11N40SISO_Ant1_High_2452



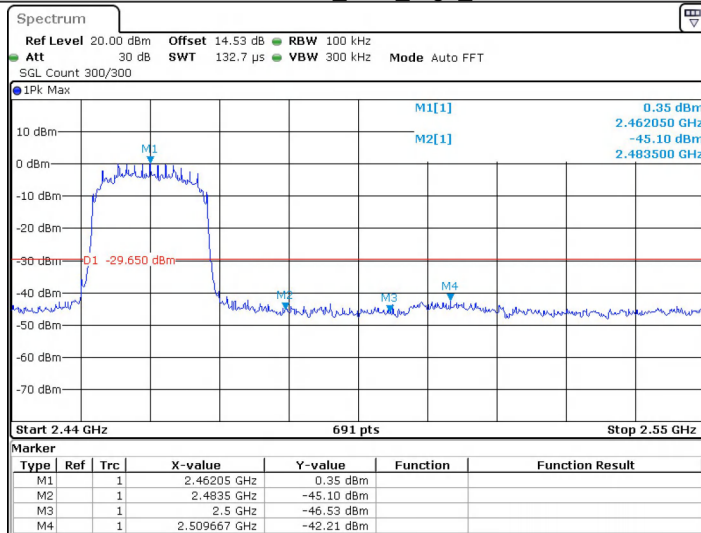
Date: 23 APR 2026 22:33:18

11AX20SISO_Ant1_Low_2412



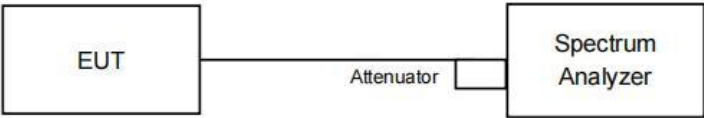
Date: 25 APR 2026 15:45:47

11AX20SISO_Ant1_High_2462



Date: 25 APR 2026 15:48:33

5.8 RF Conducted Spurious Emissions

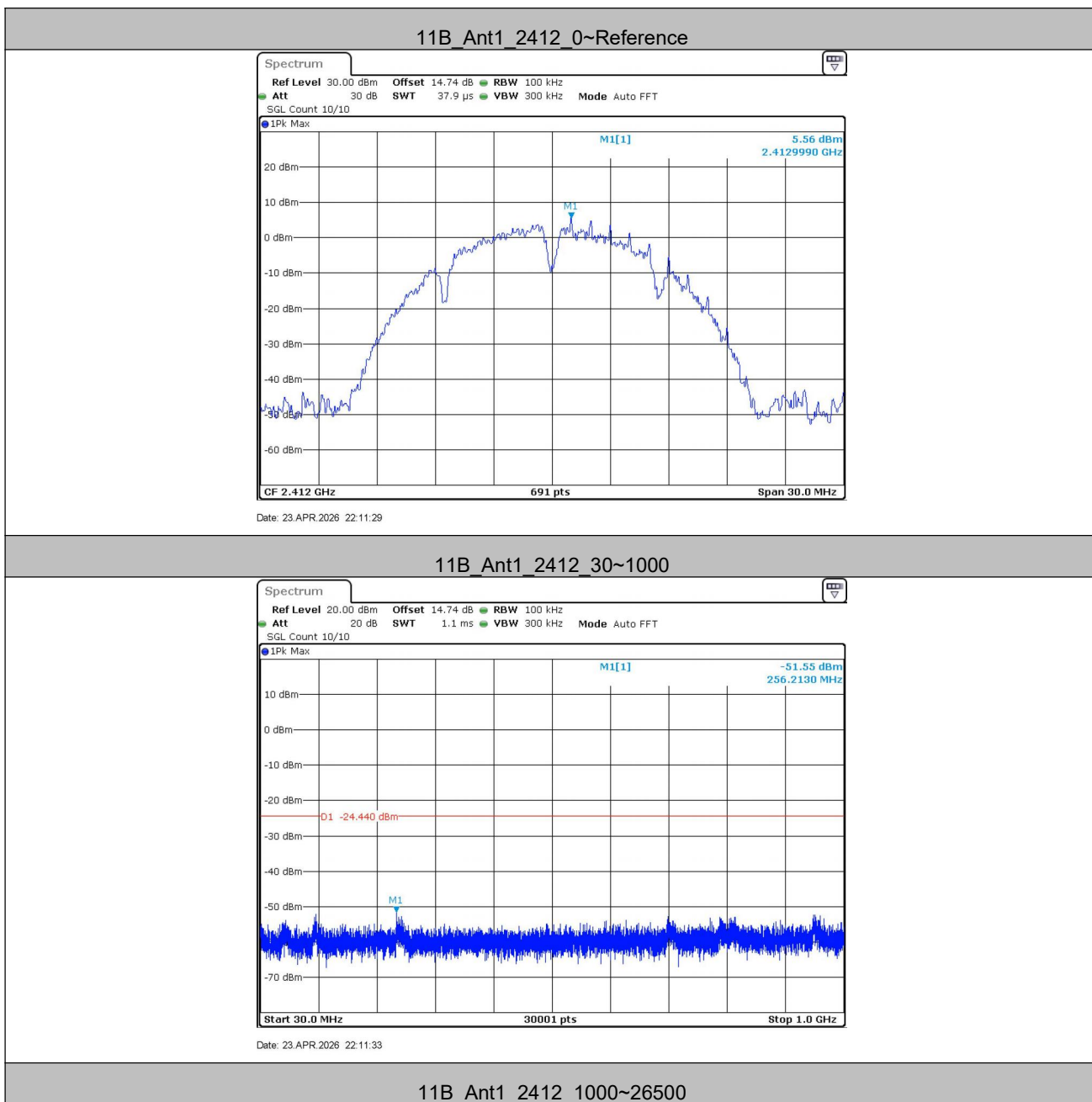
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Setup:	 Offset=cable loss+ attenuation factor
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Only the worst case is recorded in the report.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

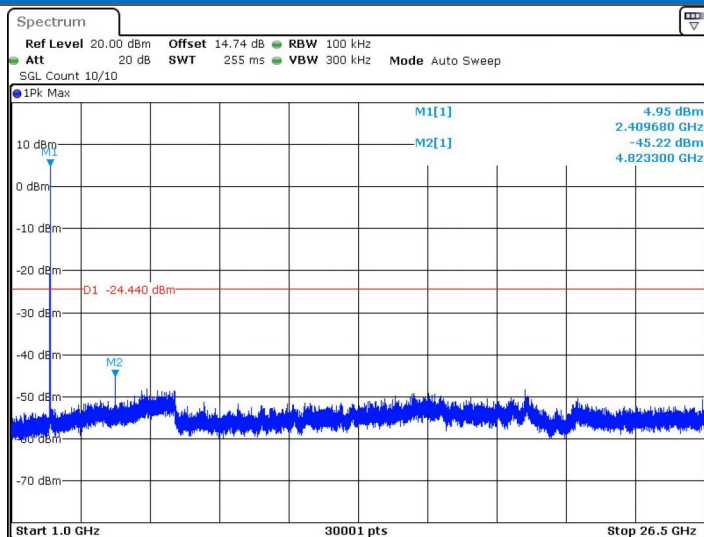
Test Result

TestMode	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	5.56	5.56	---	PASS
		30~1000	5.56	-51.55	≤-24.44	PASS
		1000~26500	5.56	-45.22	≤-24.44	PASS
	2437	Reference	8.05	8.05	---	PASS
		30~1000	8.05	-51.81	≤-21.95	PASS
		1000~26500	8.05	-44.36	≤-21.95	PASS
	2462	Reference	7.58	7.58	---	PASS
		30~1000	7.58	-51.96	≤-22.42	PASS
		1000~26500	7.58	-45.47	≤-22.42	PASS
11G	2412	Reference	4.39	4.39	---	PASS
		30~1000	4.39	-51.71	≤-25.61	PASS
		1000~26500	4.39	-48.57	≤-25.61	PASS
	2437	Reference	1.93	1.93	---	PASS
		30~1000	1.93	-51.47	≤-28.07	PASS
		1000~26500	1.93	-47.66	≤-28.07	PASS
	2462	Reference	3.14	3.14	---	PASS
		30~1000	3.14	-51.94	≤-26.86	PASS
		1000~26500	3.14	-48.44	≤-26.86	PASS
11N20SISO	2412	Reference	0.53	0.53	---	PASS
		30~1000	0.53	-51.87	≤-29.47	PASS
		1000~26500	0.53	-48.06	≤-29.47	PASS
	2437	Reference	2.07	2.07	---	PASS
		30~1000	2.07	-52.87	≤-27.93	PASS
		1000~26500	2.07	-48.88	≤-27.93	PASS
	2462	Reference	2.18	2.18	---	PASS
		30~1000	2.18	-52.62	≤-27.82	PASS
		1000~26500	2.18	-48.31	≤-27.82	PASS
11N40SISO	2422	Reference	-0.35	-0.35	---	PASS
		30~1000	-0.35	-51.43	≤-30.35	PASS
		1000~26500	-0.35	-48.1	≤-30.35	PASS
	2437	Reference	-2.06	-2.06	---	PASS
		30~1000	-2.06	-52	≤-32.06	PASS
		1000~26500	-2.06	-47.89	≤-32.06	PASS
	2452	Reference	-0.17	-0.17	---	PASS

		30~1000	-0.17	-51.59	≤ -30.17	PASS
		1000~26500	-0.17	-48.11	≤ -30.17	PASS
11AX20SISO	2412	Reference	0.29	0.29	---	PASS
		30~1000	0.29	-50.87	≤ -29.71	PASS
		1000~26500	0.29	-45.04	≤ -29.71	PASS
	2437	Reference	1.11	1.11	---	PASS
		30~1000	1.11	-51.08	≤ -28.89	PASS
		1000~26500	1.11	-45.3	≤ -28.89	PASS
	2462	Reference	-2.00	-2.00	---	PASS
		30~1000	-2.00	-50.23	≤ -32	PASS
		1000~26500	-2.00	-46.59	≤ -32	PASS

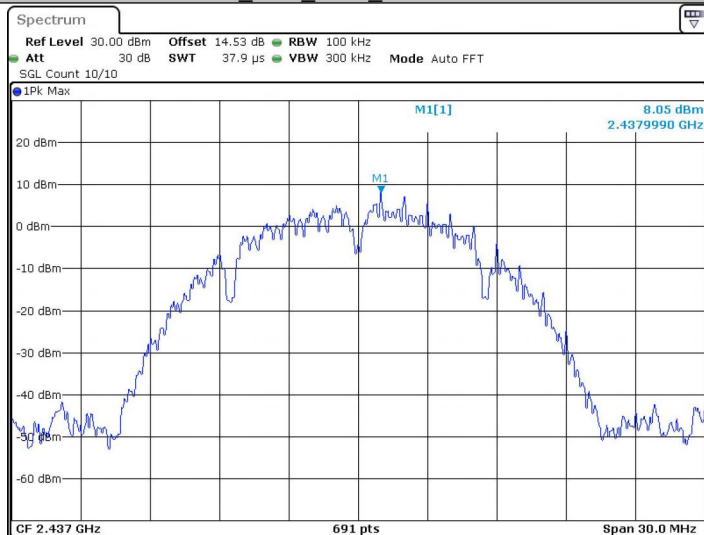
Test Graphs





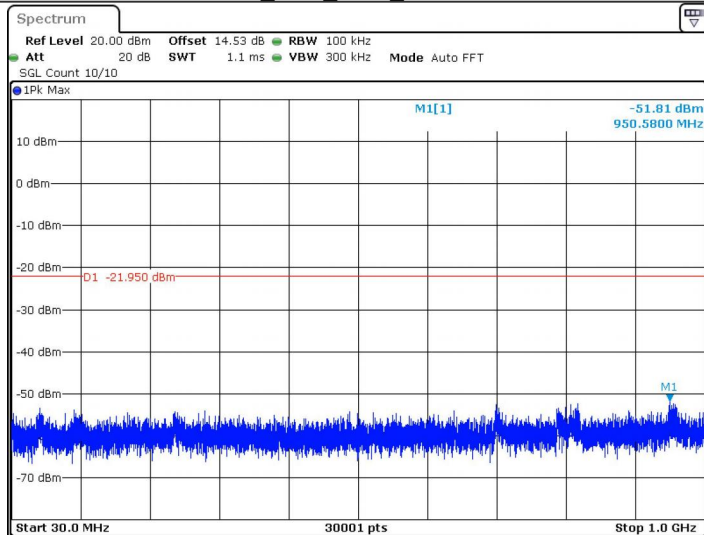
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11B_Ant1_2437_0~Reference



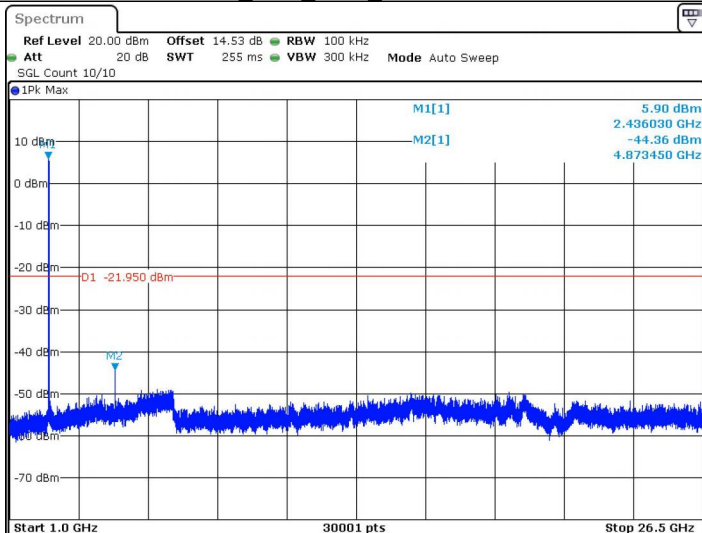
Date: 23.APR.2026 22:13:02

11B_Ant1_2437_30~1000



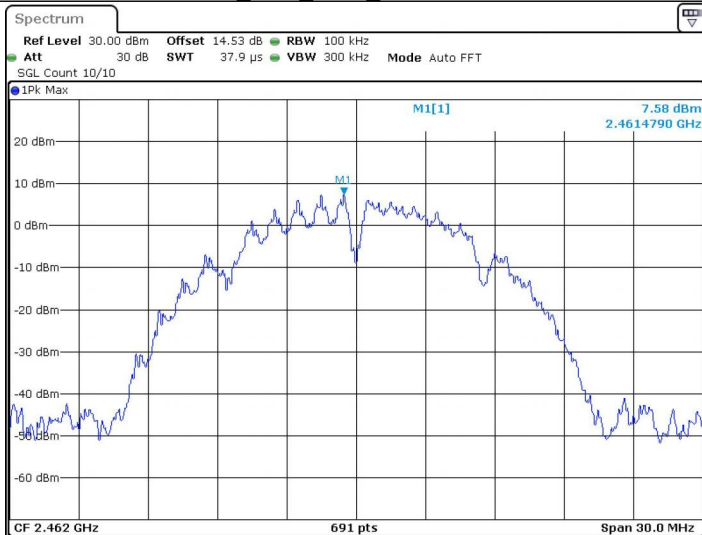
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11B_Ant1_2437_1000~26500



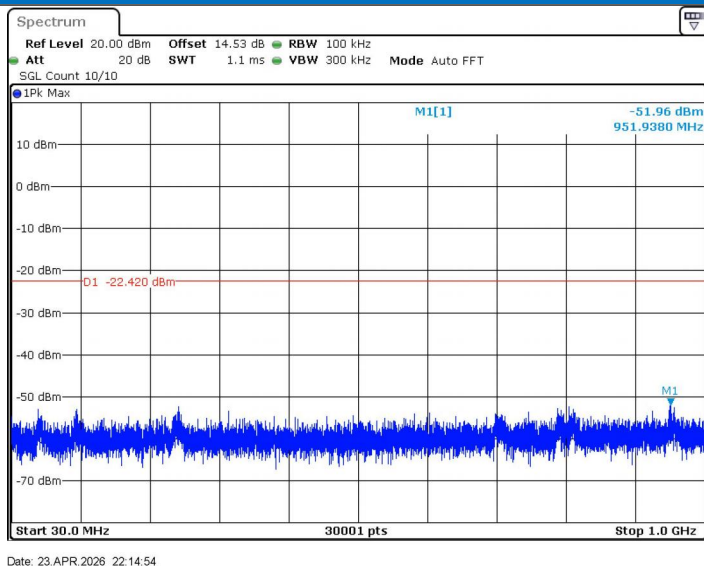
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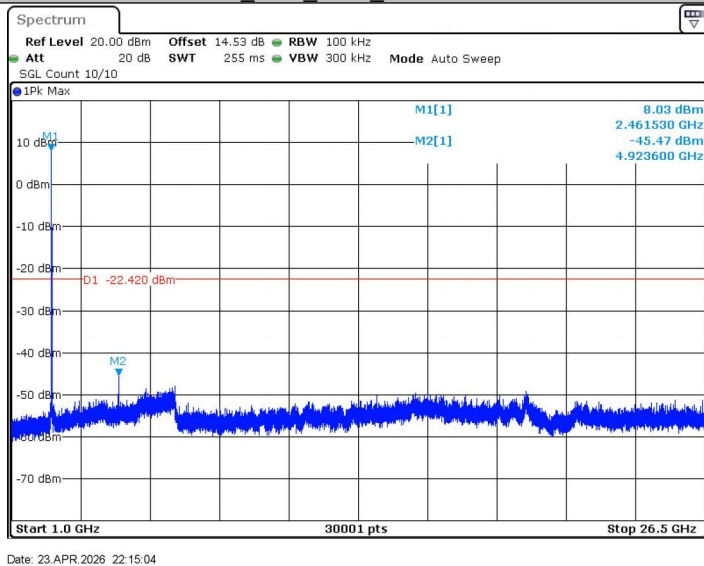


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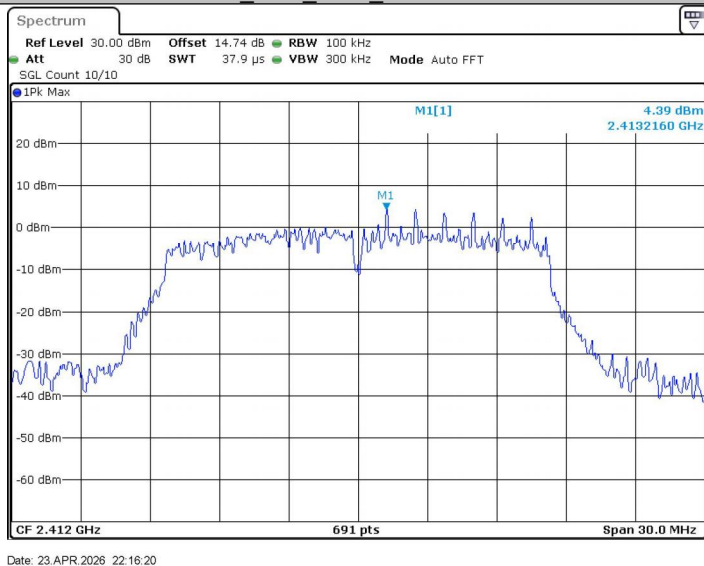
11B_Ant1_2462_30~1000



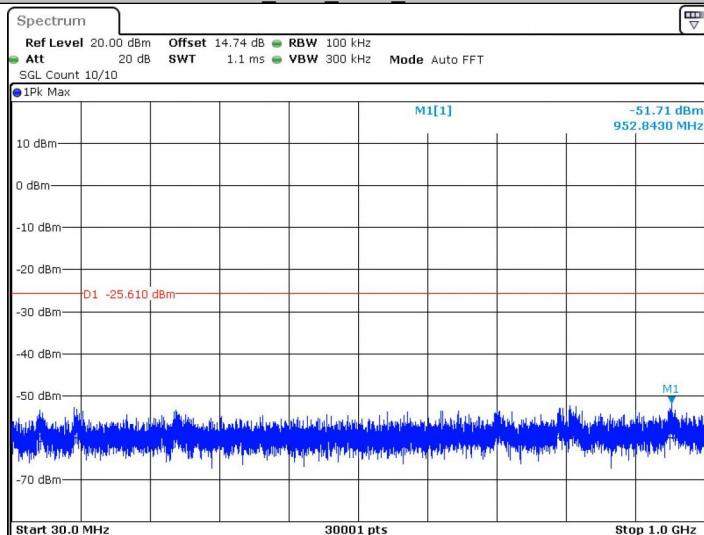
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

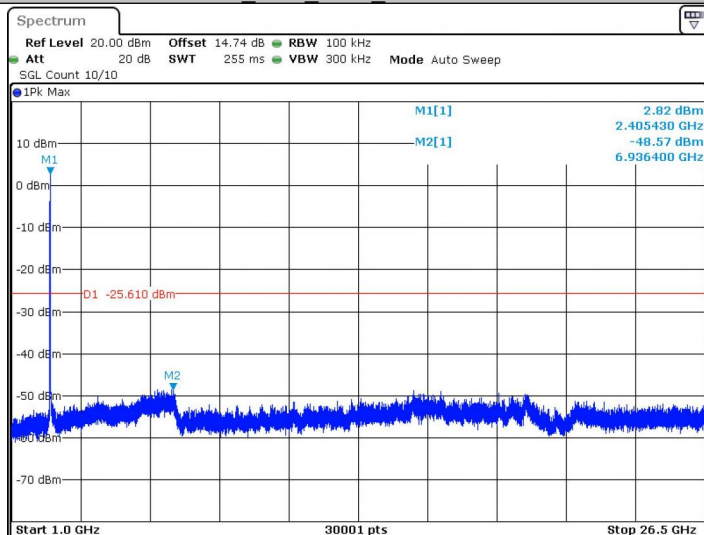


11G_Ant1_2412_30~1000



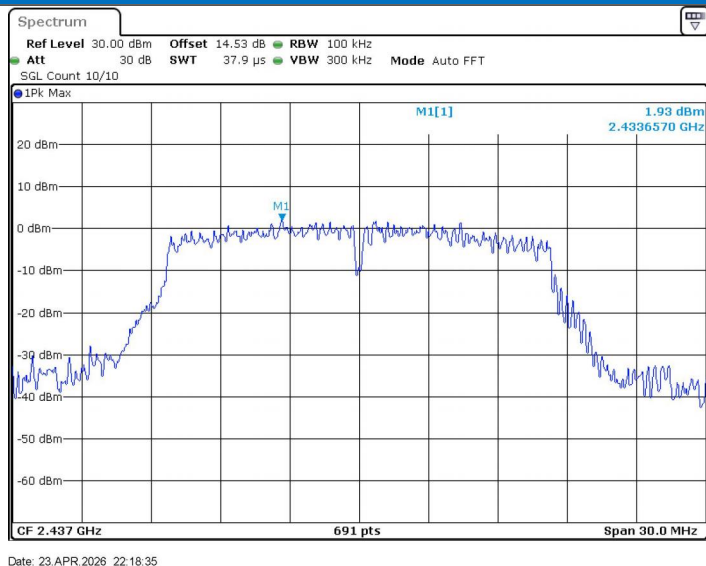
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11G_Ant1_2412_1000~26500

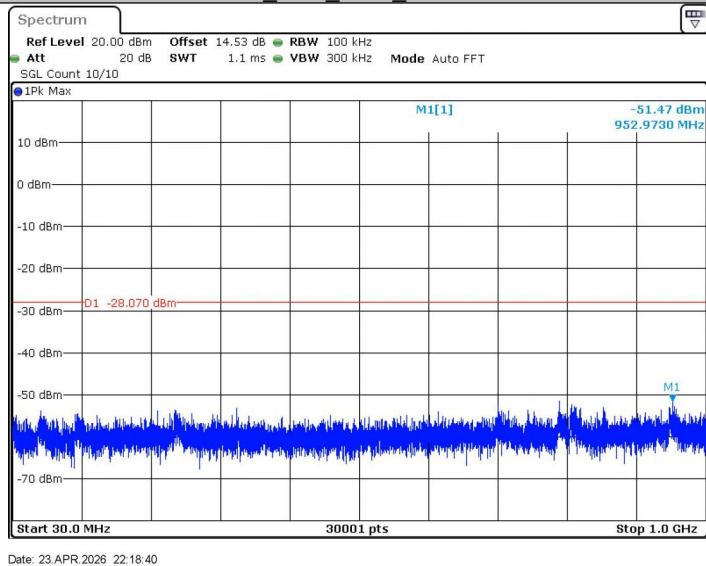


Date: 23 APR 2026 22:16:35

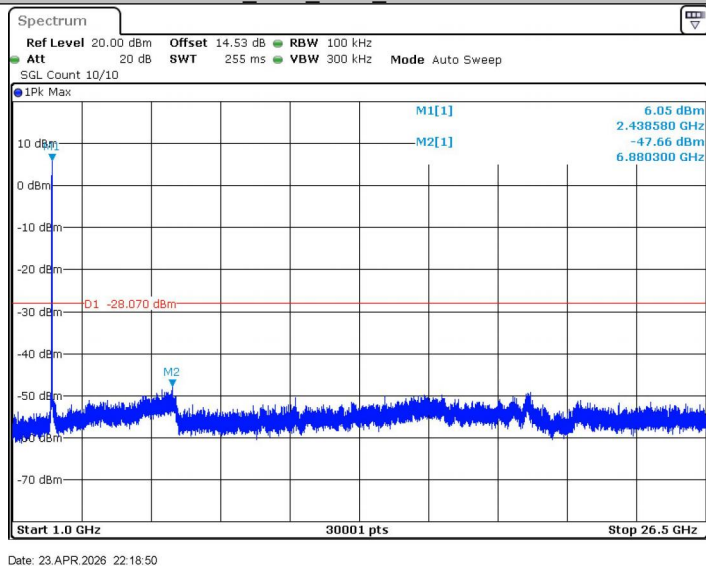
11G_Ant1_2437_0~Reference



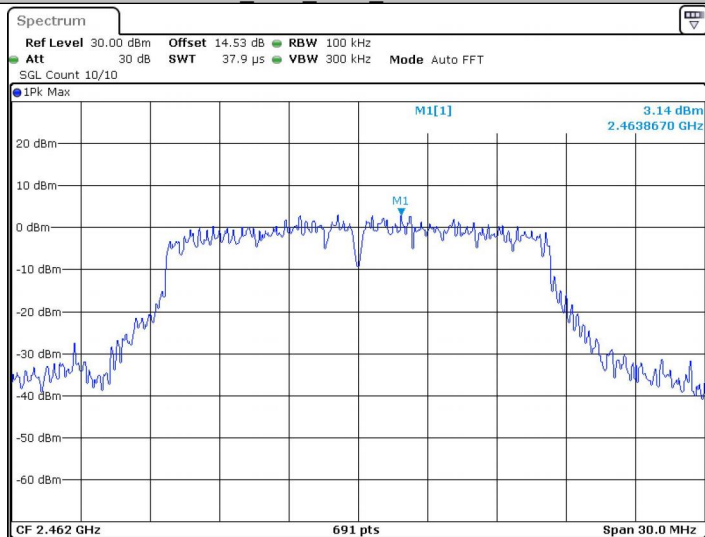
11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

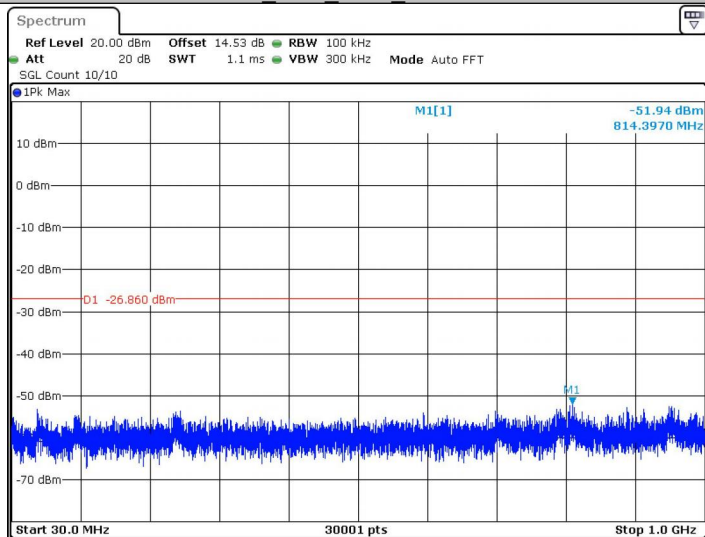


11G_Ant1_2462_0~Reference



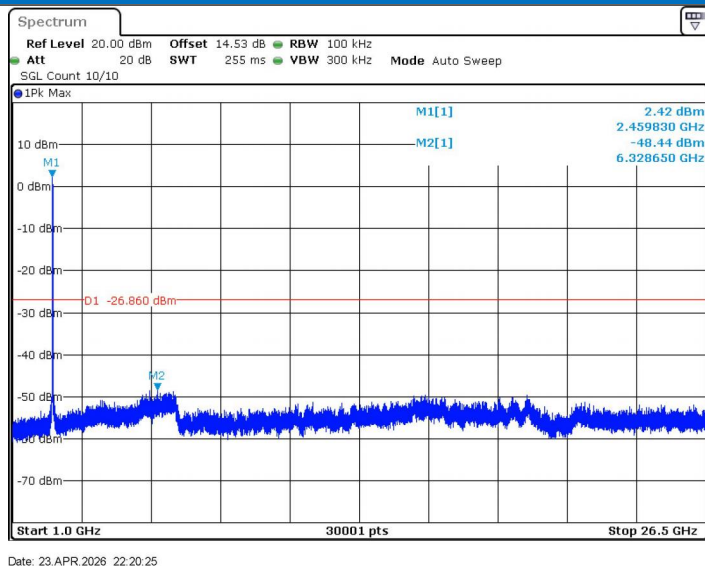
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11G_Ant1_2462_30~1000

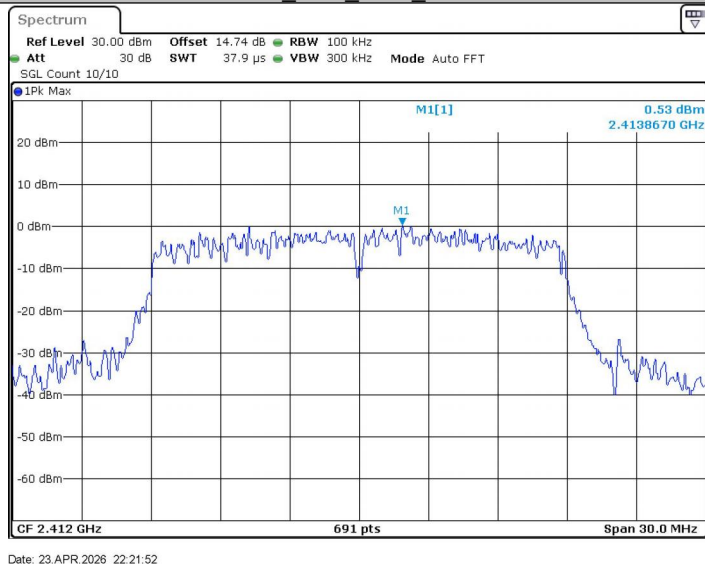


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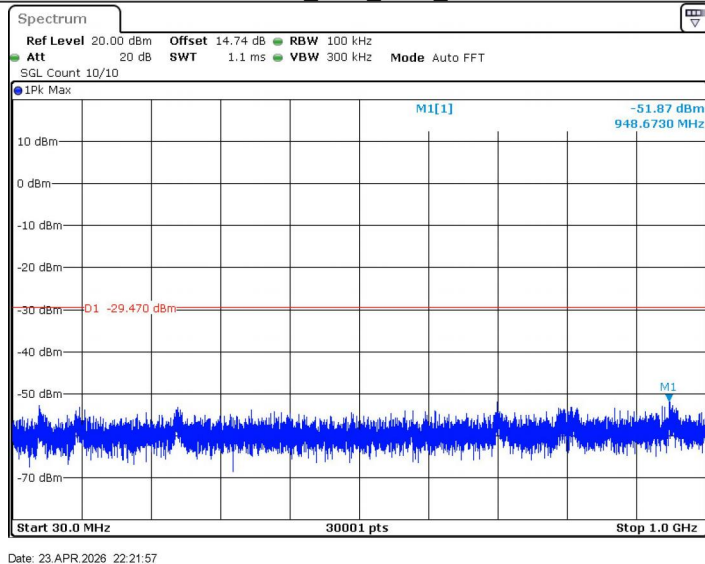
11G_Ant1_2462_1000~26500



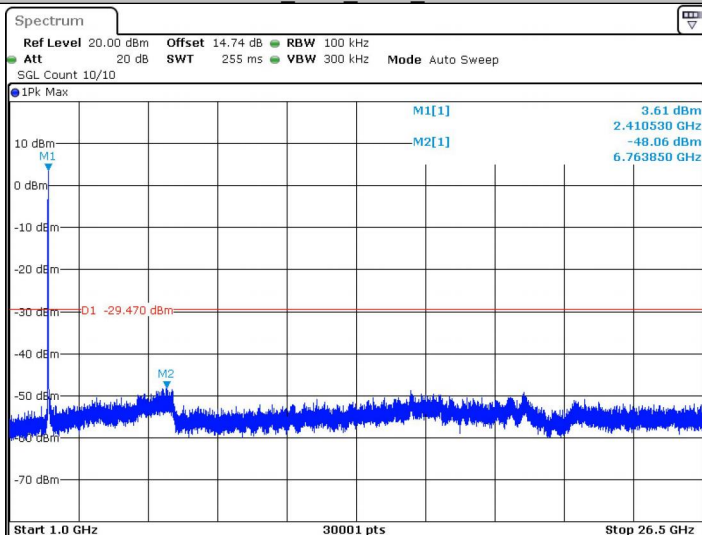
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

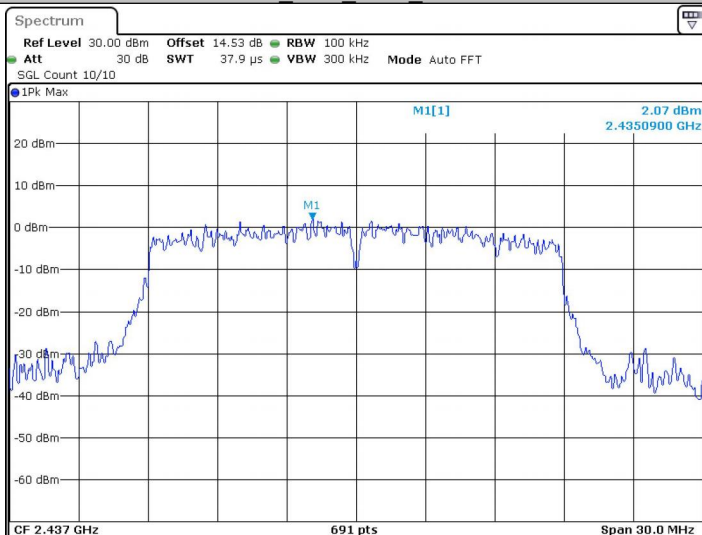


11N20SISO_Ant1_2412_1000~26500



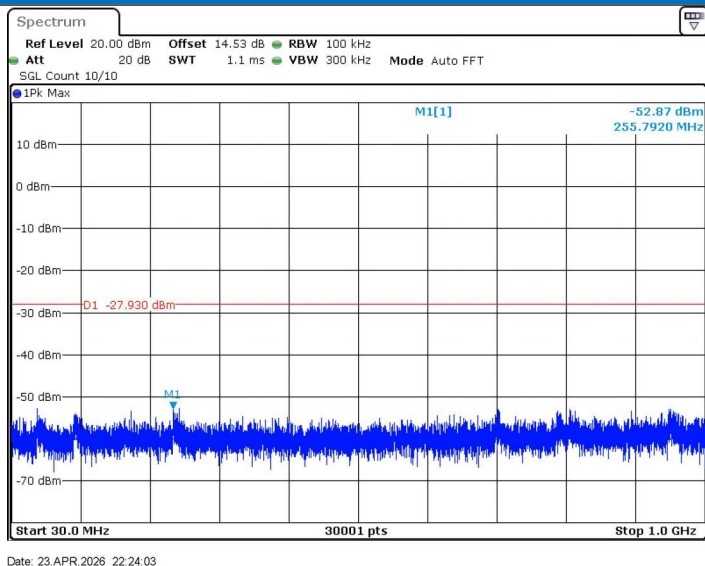
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11N20SISO_Ant1_2437_0~Reference

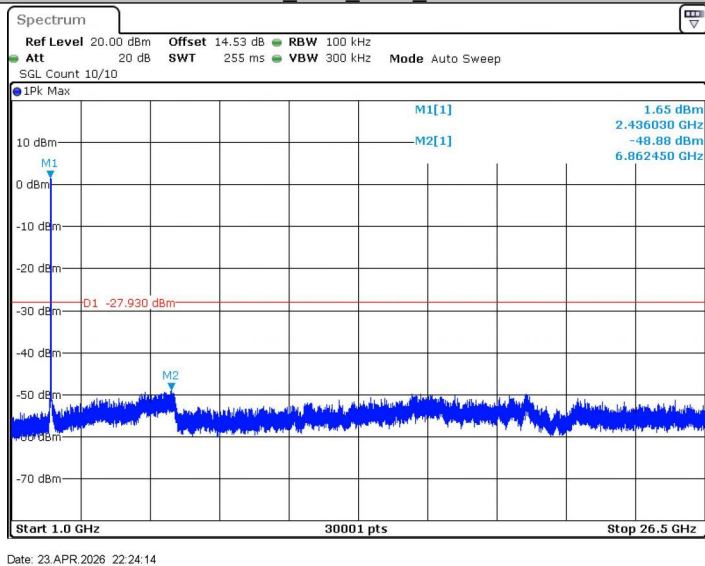


Date: 23 APR 2026 22:23:59

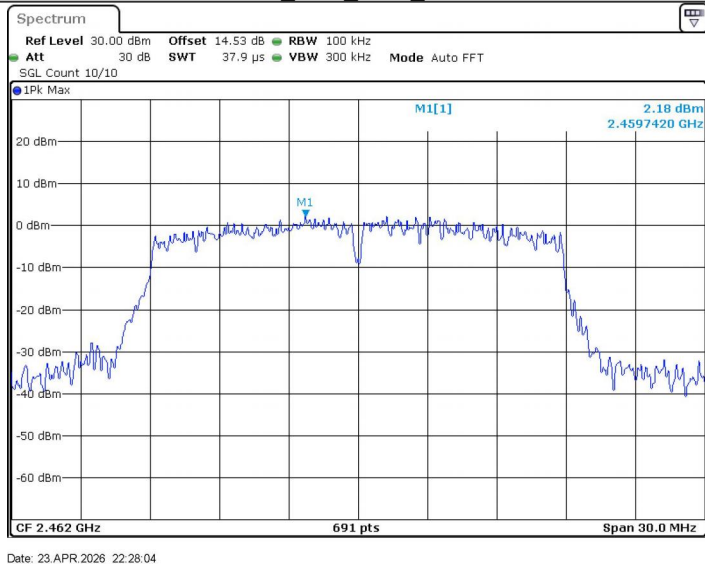
11N20SISO_Ant1_2437_30~1000



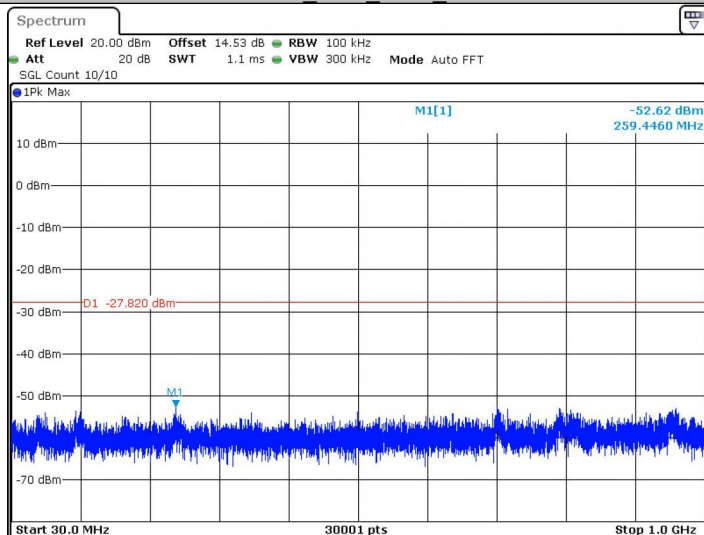
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

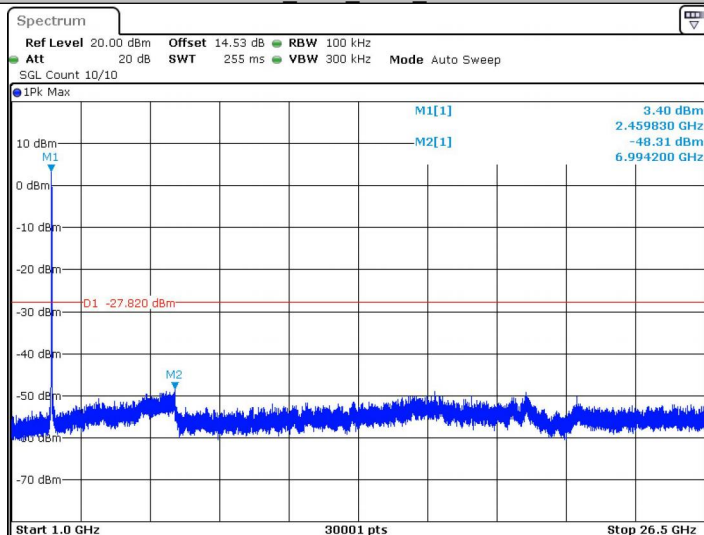


11N20SISO_Ant1_2462_30~1000



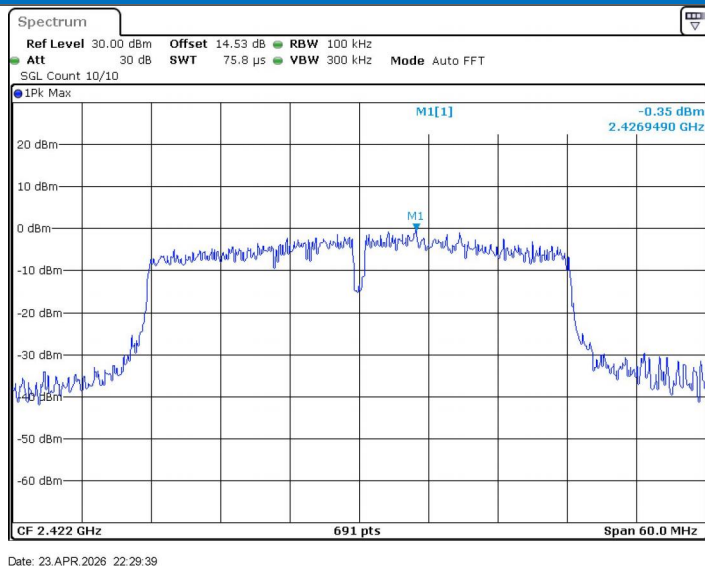
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11N20SISO_Ant1_2462_1000~26500

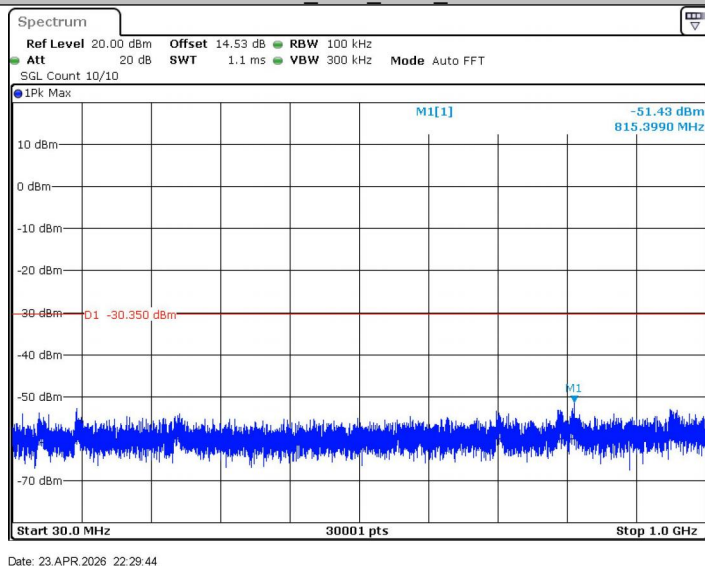


Date: 23 APR 2026 22:28:19

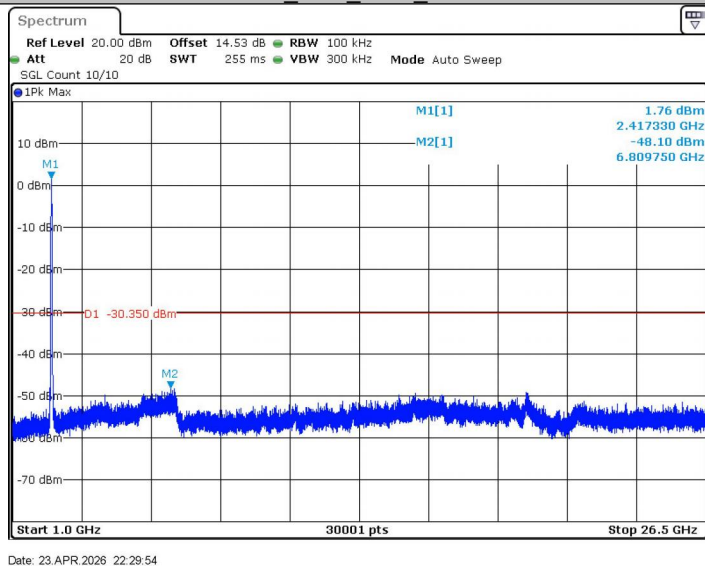
11N40SISO_Ant1_2422_0~Reference



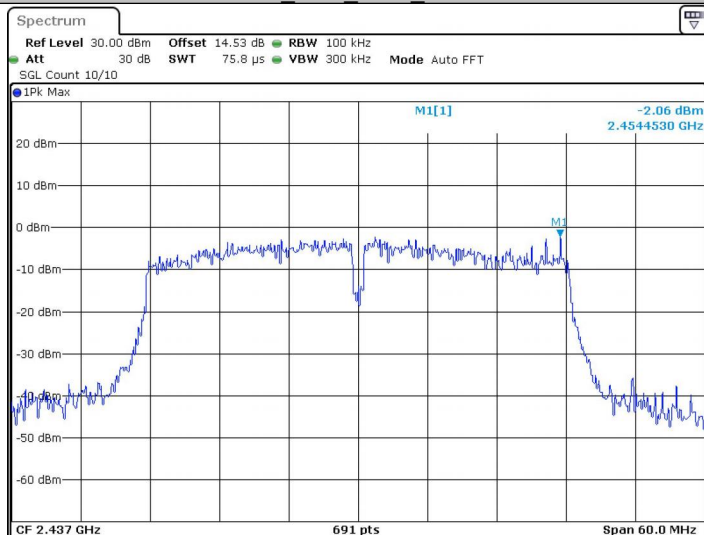
11N40SISO_Ant1_2422_30~1000



11N40SISO_Ant1_2422_1000~26500

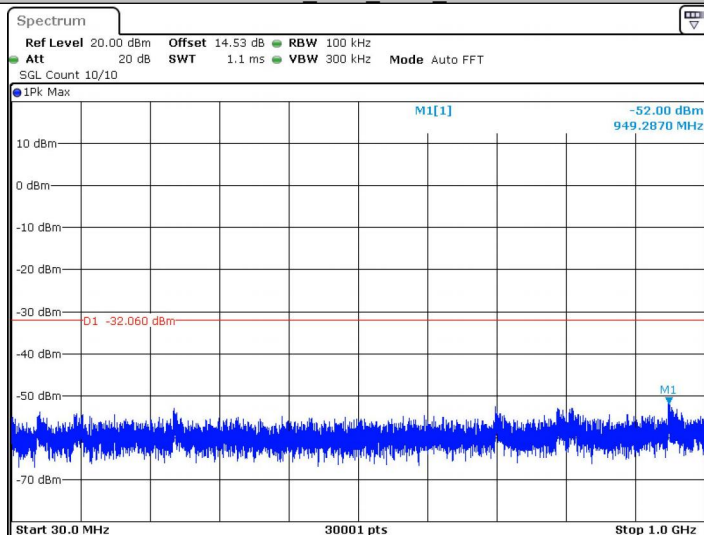


11N40SISO_Ant1_2437_0~Reference



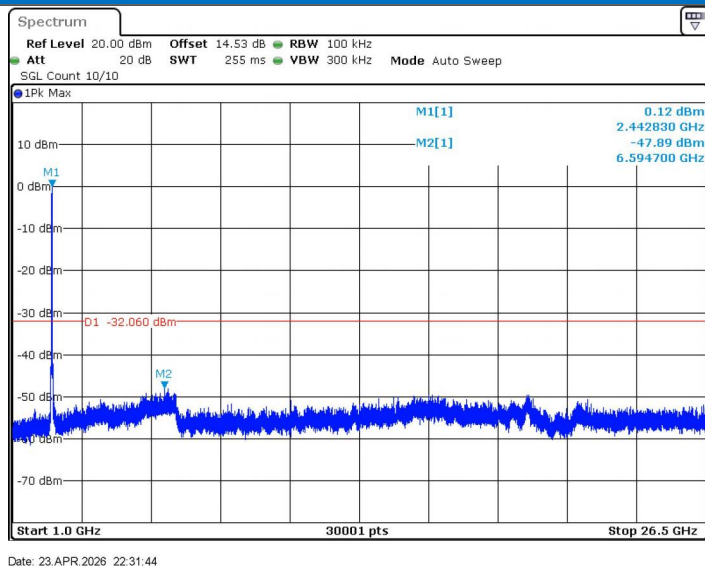
Date: 23 APR 2026 22:31:29

11N40SISO_Ant1_2437_30~1000

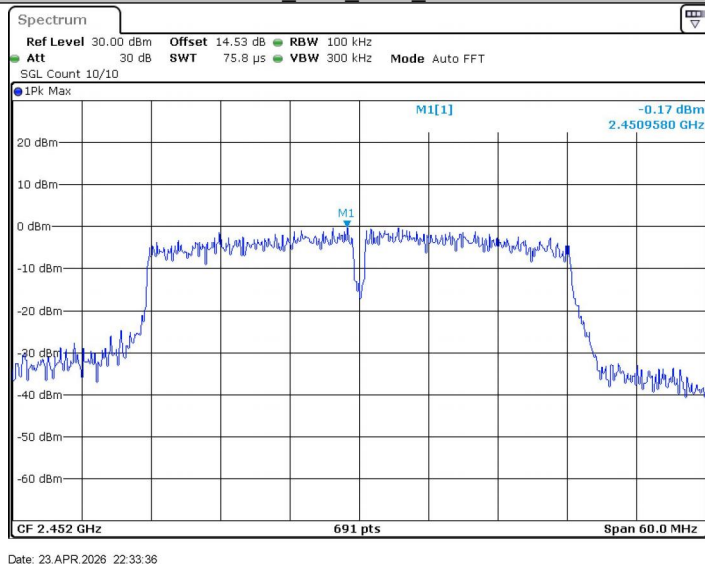


Date: 23 APR 2026 22:31:34

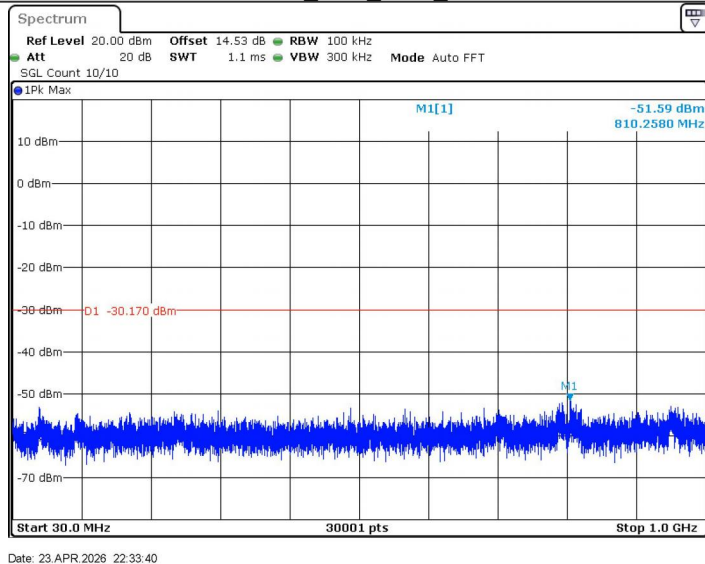
11N40SISO_Ant1_2437_1000~26500



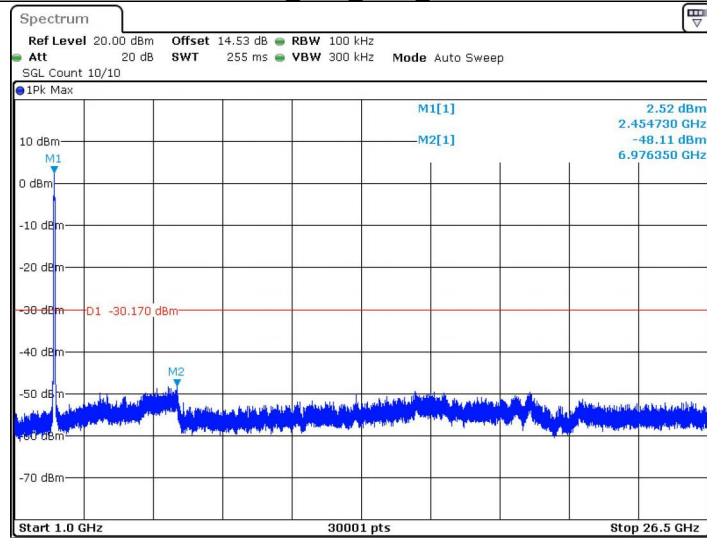
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

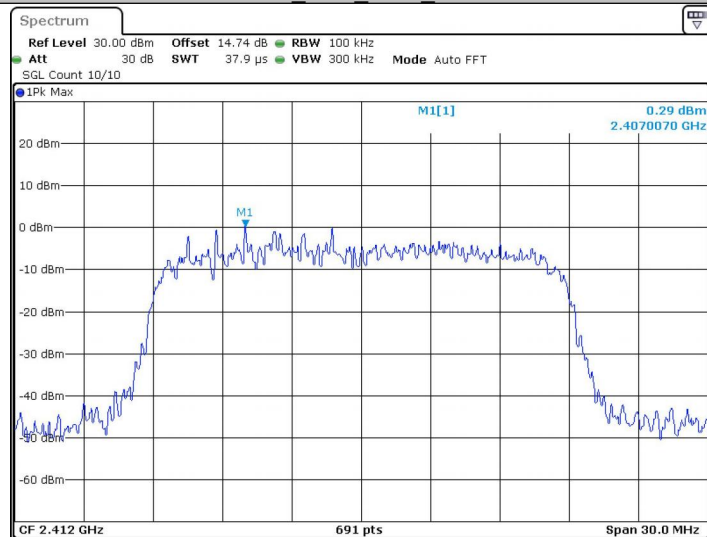


11N40SISO_Ant1_2452_1000~26500



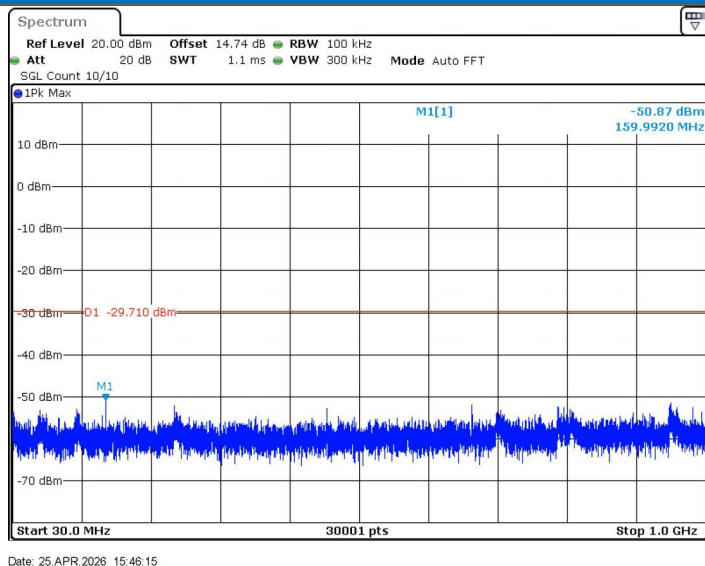
Date: 23 APR 2026 22:33:51

11AX20SISO_Ant1_2412_0~Reference

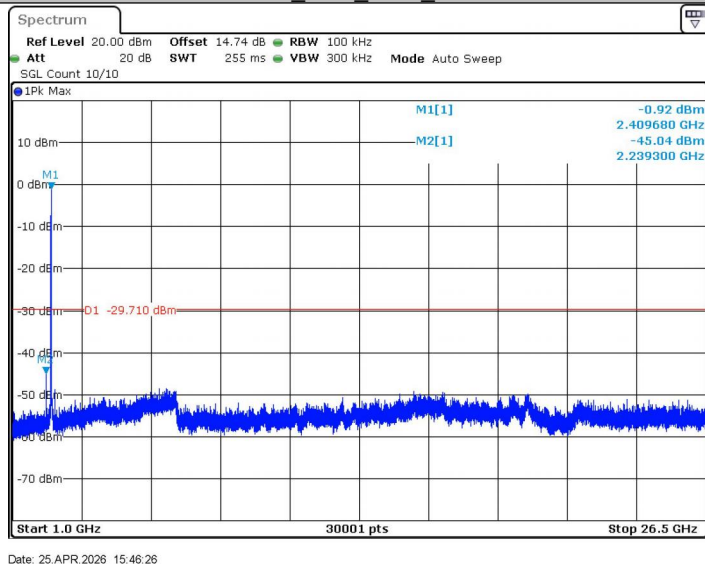


Date: 25 APR 2026 15:46:10

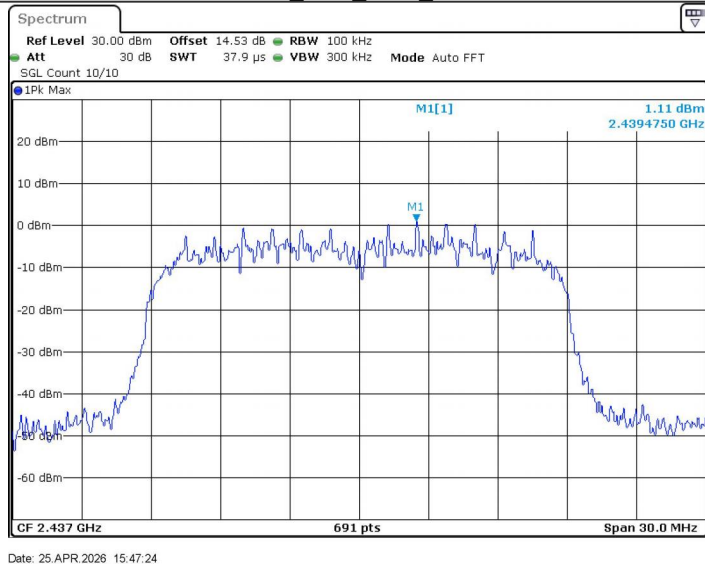
11AX20SISO_Ant1_2412_30~1000



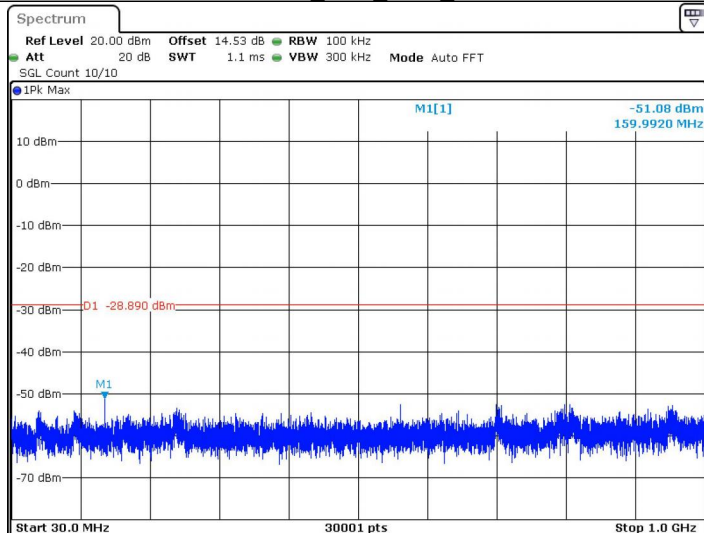
11AX20SISO_Ant1_2412_1000~26500



11AX20SISO_Ant1_2437_0~Reference

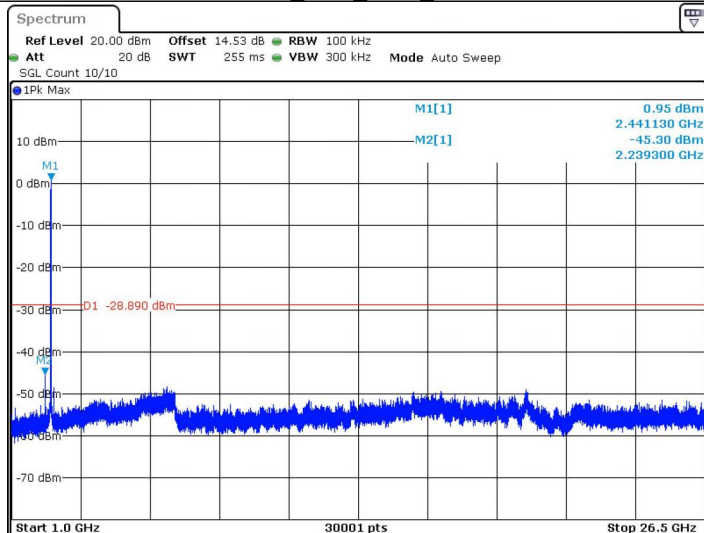


11AX20SISO_Ant1_2437_30~1000



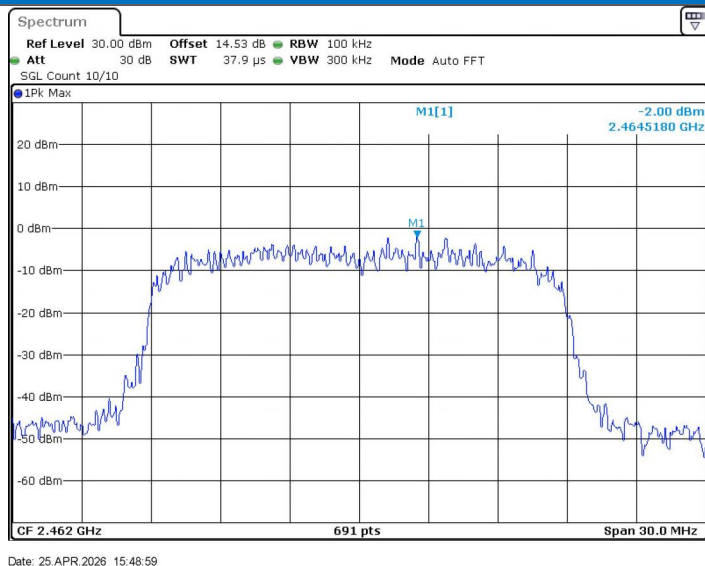
Date: 25.APR.2026 15:47:28

11AX20SISO_Ant1_2437_1000~26500

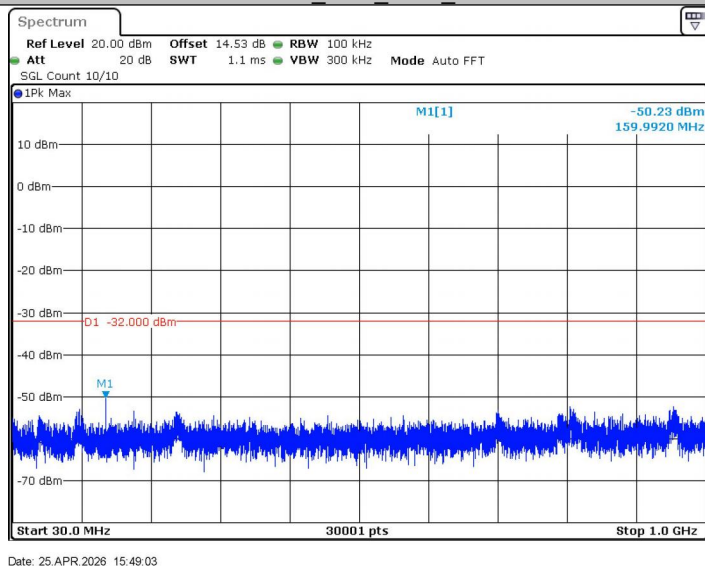


Date: 25.APR.2026 15:47:39

11AX20SISO_Ant1_2462_0~Reference



11AX20SISO_Ant1_2462_30~1000



11AX20SISO_Ant1_2462_1000~26500

