

11N20SISO_Ant1_High_2462



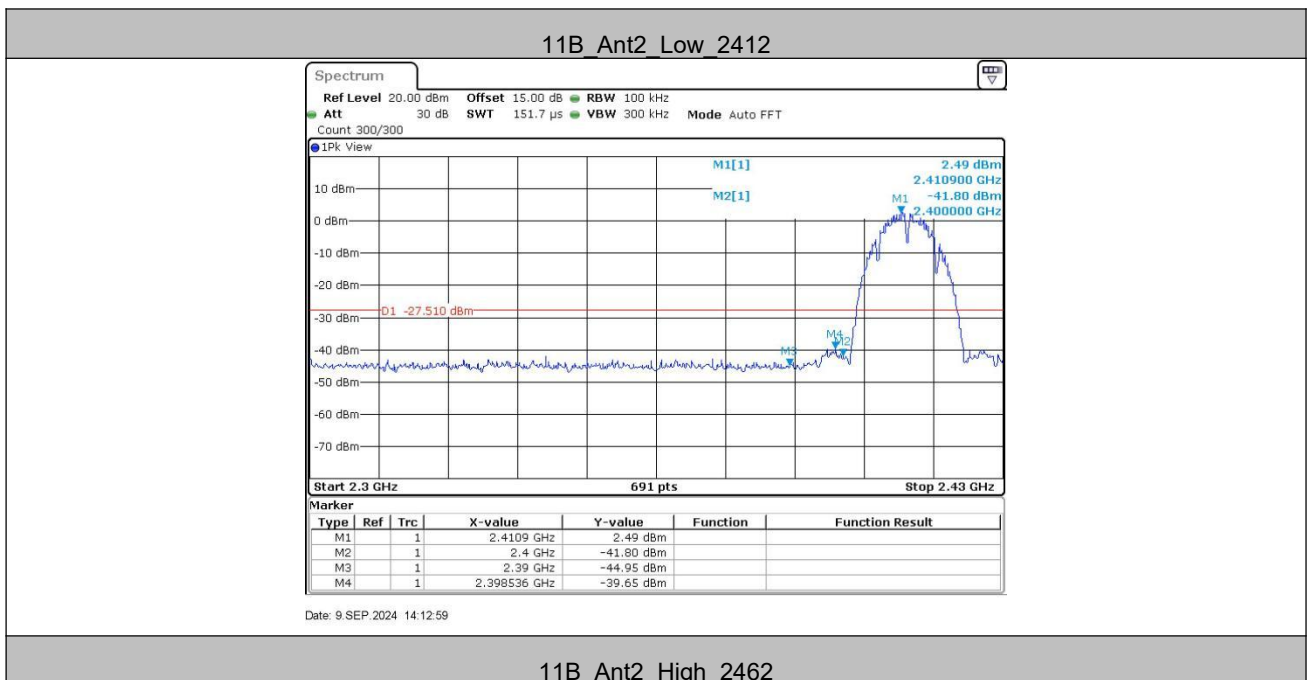
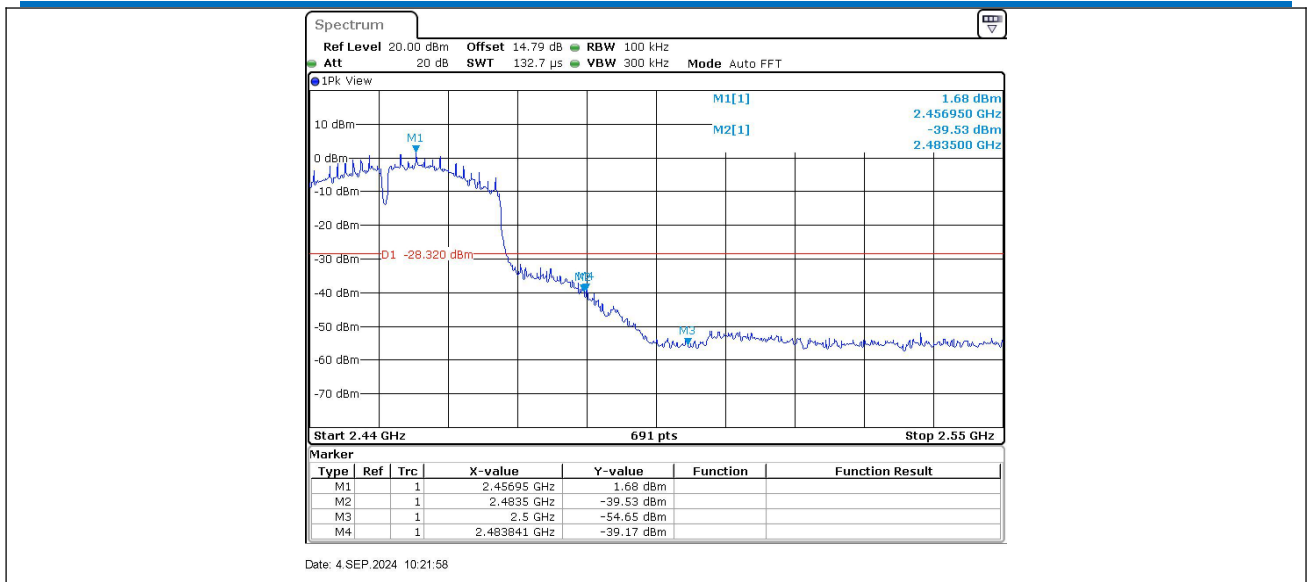
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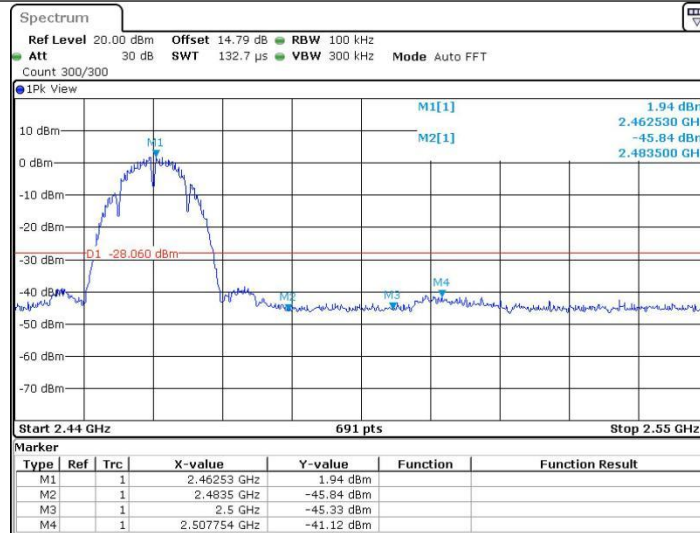
11N40SISO_Ant1_Low_2422



Date: 4.SEP.2024 10:15:56

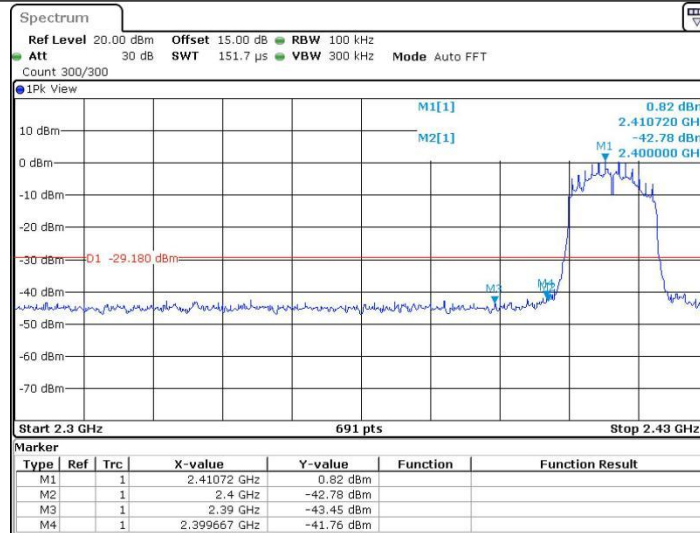
11N40SISO_Ant1_High_2452





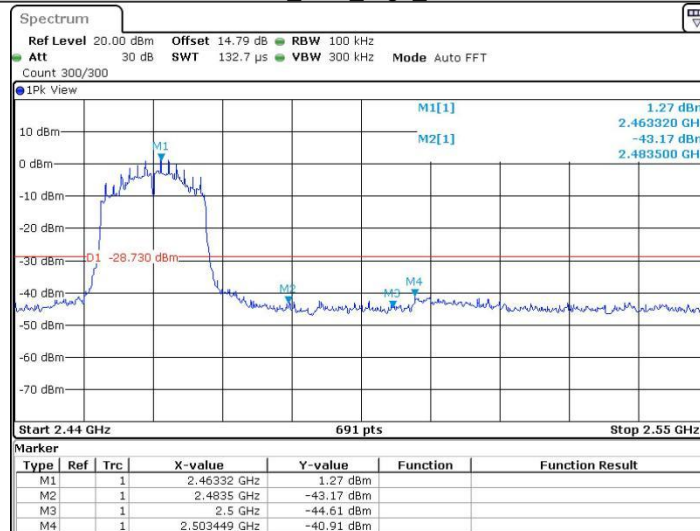
Date: 9 SEP.2024 13:55:15

11G_Ant2_Low_2412



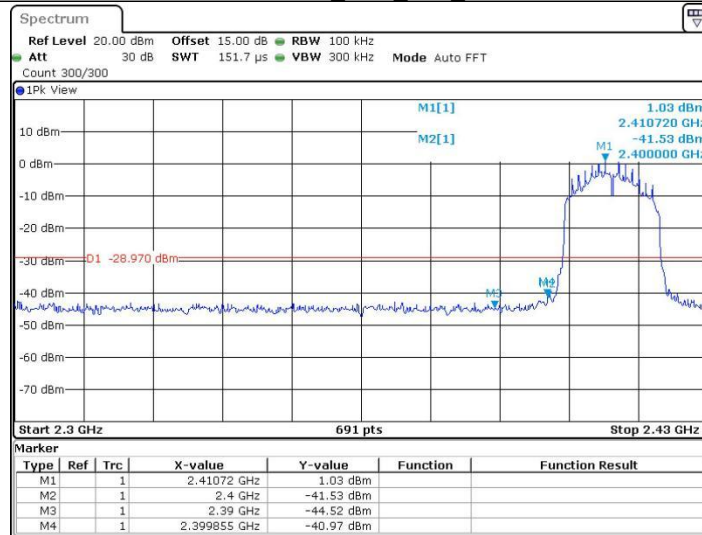
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11G_Ant2_High_2462



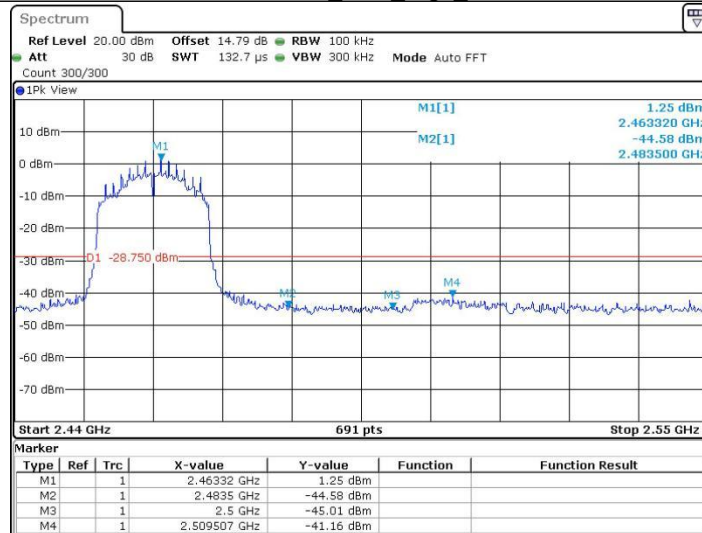
Date: 9 SEP.2024 14:04:17

11N20SISO_Ant2_Low_2412



Date: 9 SEP.2024 14:06:20

11N20SISO_Ant2_High_2462



Date: 9 SEP.2024 14:10:03

11N40SISO_Ant2_Low_2422



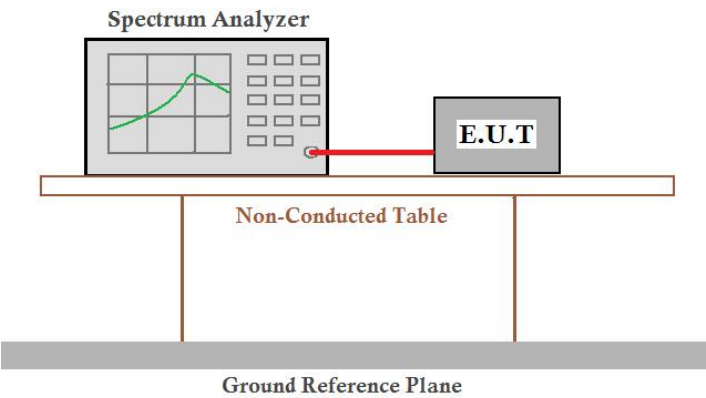
Date: 9.SEP.2024 17:22:56

11N40SISO_Ant2_High_2452



Date: 9.SEP.2024 17:26:26

5.7 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013
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

ANT1:

TestMode	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	3.55	3.55	---	PASS
		30~1000	3.55	-50.47	≤-26.45	PASS
		1000~26500	3.55	-43.69	≤-26.45	PASS
	2437	Reference	4.74	4.74	---	PASS
		30~1000	4.74	-50.43	≤-25.26	PASS
		1000~26500	4.74	-43.28	≤-25.26	PASS
	2462	Reference	5.11	5.11	---	PASS
		30~1000	5.11	-50.42	≤-24.89	PASS
		1000~26500	5.11	-47.44	≤-24.89	PASS
11G	2412	Reference	3.32	3.32	---	PASS
		30~1000	3.32	-49.12	≤-26.68	PASS
		1000~26500	3.32	-47.41	≤-26.68	PASS
	2437	Reference	3.53	3.53	---	PASS
		30~1000	3.53	-50.21	≤-26.47	PASS
		1000~26500	3.53	-46.72	≤-26.47	PASS
	2462	Reference	4.66	4.66	---	PASS
		30~1000	4.66	-50.4	≤-25.34	PASS
		1000~26500	4.66	-47.15	≤-25.34	PASS
11N20SISO	2412	Reference	3.40	3.40	---	PASS
		30~1000	3.40	-50.55	≤-26.6	PASS
		1000~26500	3.40	-47.19	≤-26.6	PASS
	2437	Reference	3.43	3.43	---	PASS
		30~1000	3.43	-50.49	≤-26.57	PASS
		1000~26500	3.43	-47.46	≤-26.57	PASS
	2462	Reference	4.59	4.59	---	PASS
		30~1000	4.59	-50.31	≤-25.41	PASS
		1000~26500	4.59	-47.76	≤-25.41	PASS
11N40SISO	2422	Reference	0.50	0.50	---	PASS
		30~1000	0.50	-51.21	≤-29.5	PASS
		1000~26500	0.50	-46.95	≤-29.5	PASS
	2437	Reference	-0.19	-0.19	---	PASS
		30~1000	-0.19	-50.18	≤-30.19	PASS
		1000~26500	-0.19	-47.21	≤-30.19	PASS

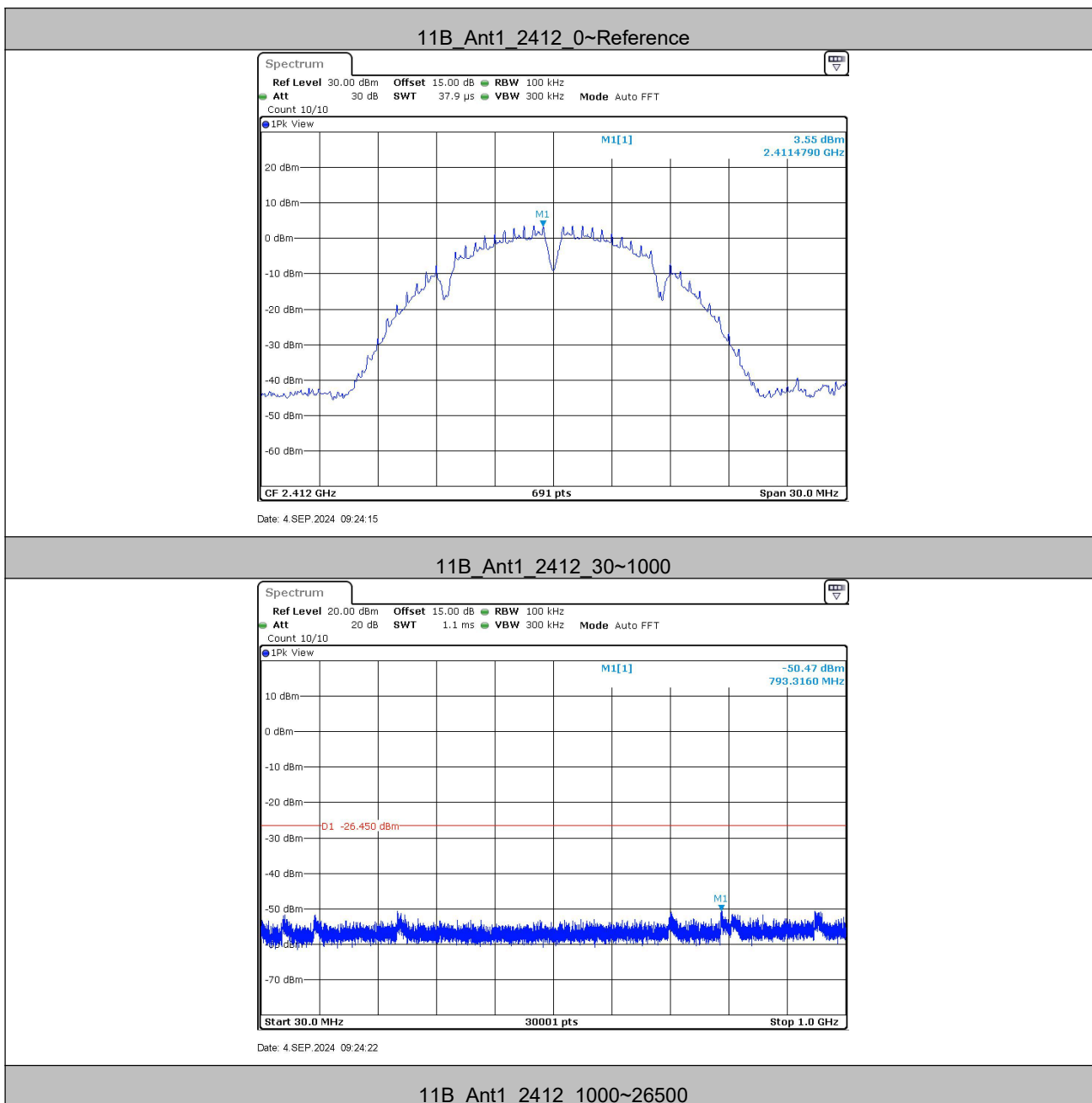
	2452	Reference	1.58	1.58	---	PASS
		30~1000	1.58	-50.26	≤ -28.42	PASS
		1000~26500	1.58	-47.26	≤ -28.42	PASS

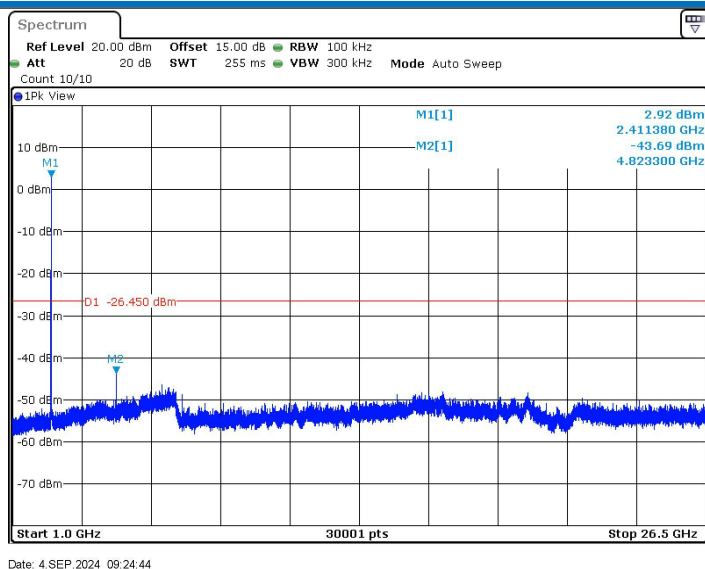
ANT2:

TestMode	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	2.81	2.81	---	PASS
		30~1000	2.81	-48.26	≤ -27.19	PASS
		1000~26500	2.81	-42.1	≤ -27.19	PASS
	2437	Reference	1.99	1.99	---	PASS
		30~1000	1.99	-49.45	≤ -28.01	PASS
		1000~26500	1.99	-41.21	≤ -28.01	PASS
	2462	Reference	2.19	2.19	---	PASS
		30~1000	2.19	-50.63	≤ -27.81	PASS
		1000~26500	2.19	-43.94	≤ -27.81	PASS
11G	2412	Reference	0.84	0.84	---	PASS
		30~1000	0.84	-48.06	≤ -29.16	PASS
		1000~26500	0.84	-46.67	≤ -29.16	PASS
	2437	Reference	0.66	0.66	---	PASS
		30~1000	0.66	-50.5	≤ -29.34	PASS
		1000~26500	0.66	-48.07	≤ -29.34	PASS
	2462	Reference	1.24	1.24	---	PASS
		30~1000	1.24	-50.03	≤ -28.76	PASS
		1000~26500	1.24	-47.28	≤ -28.76	PASS
11N20SISO	2412	Reference	1.01	1.01	---	PASS
		30~1000	1.01	-48.89	≤ -28.99	PASS
		1000~26500	1.01	-47.68	≤ -28.99	PASS
	2437	Reference	0.65	0.65	---	PASS
		30~1000	0.65	-50.8	≤ -29.35	PASS
		1000~26500	0.65	-47.99	≤ -29.35	PASS
	2462	Reference	1.24	1.24	---	PASS
		30~1000	1.24	-49.76	≤ -28.76	PASS
		1000~26500	1.24	-47.71	≤ -28.76	PASS
11N40SISO	2422	Reference	-5.40	-5.40	---	PASS
		30~1000	-5.40	-49.24	≤ -35.4	PASS
		1000~26500	-5.40	-47.6	≤ -35.4	PASS

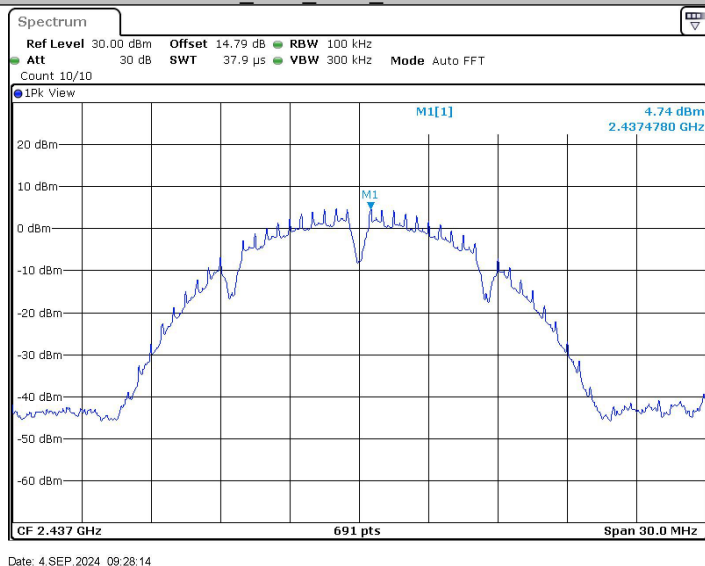
	2437	Reference	-4.15	-4.15	---	PASS
		30~1000	-4.15	-50.67	≤ -34.15	PASS
		1000~26500	-4.15	-47.59	≤ -34.15	PASS
	2452	Reference	-4.35	-4.35	---	PASS
		30~1000	-4.35	-50.15	≤ -34.35	PASS
		1000~26500	-4.35	-48.16	≤ -34.35	PASS

Test Graphs

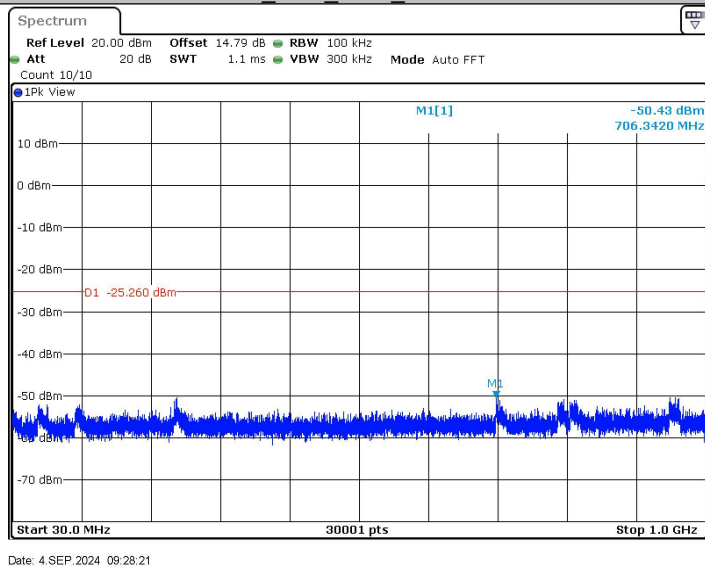




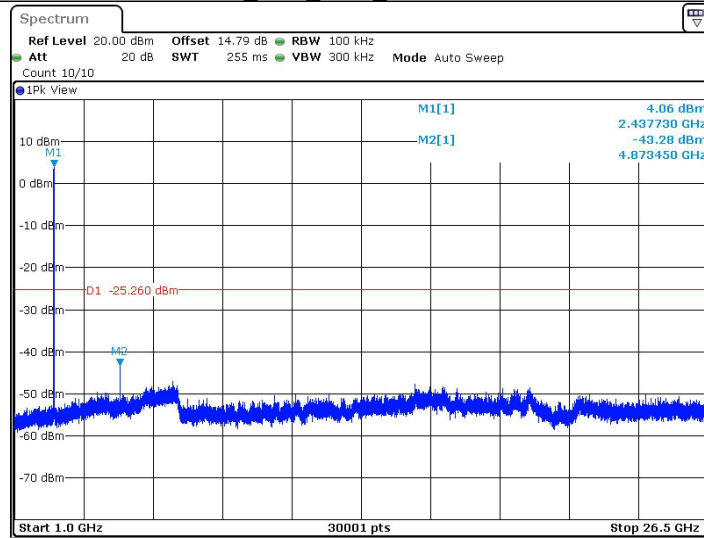
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

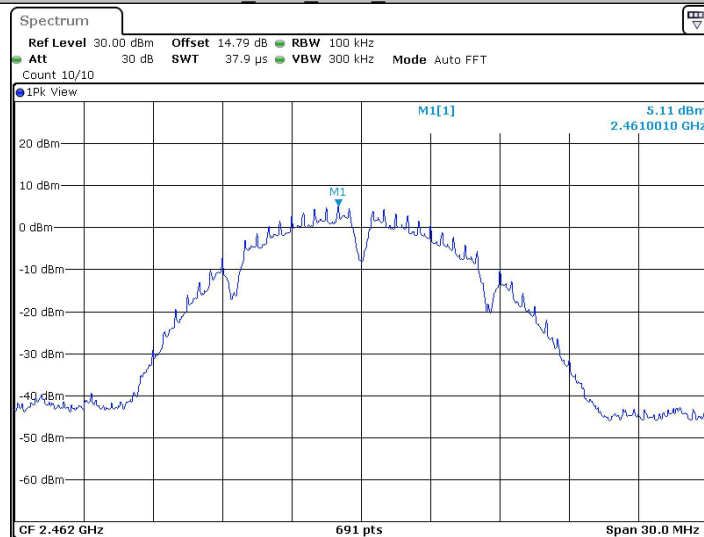


11B_Ant1_2437_1000~26500



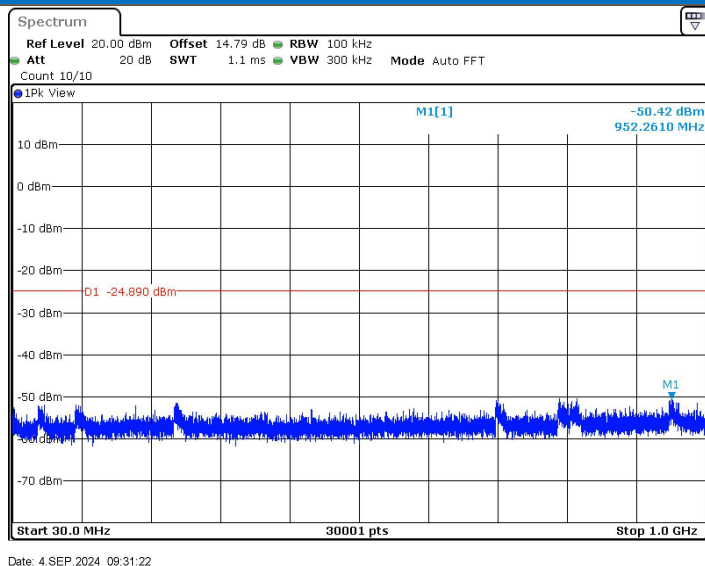
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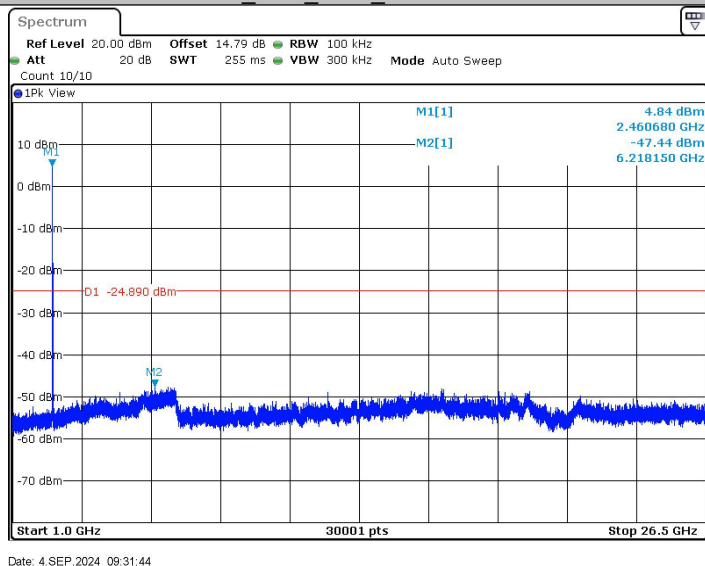


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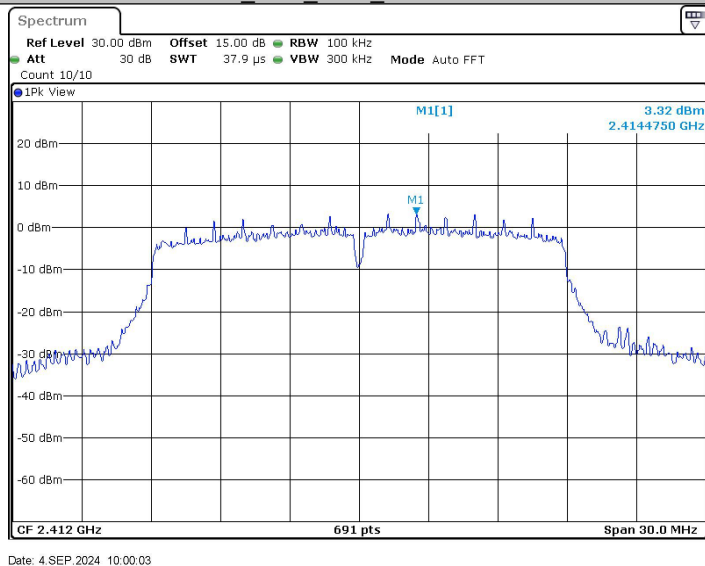
11B_Ant1_2462_30~1000



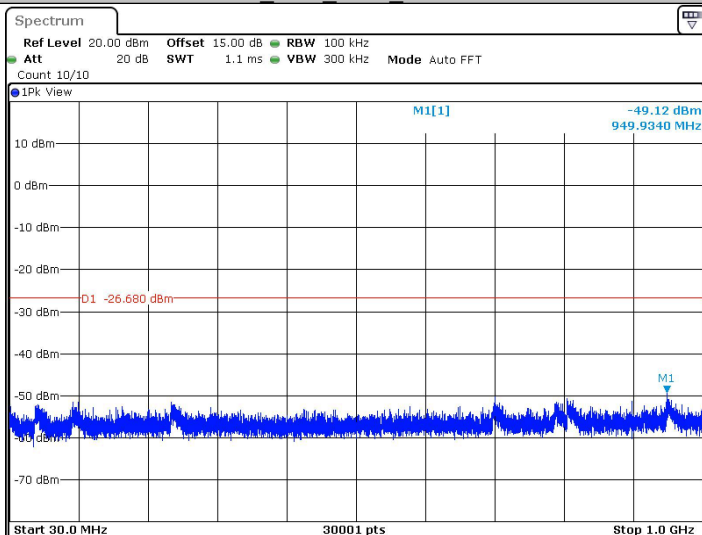
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

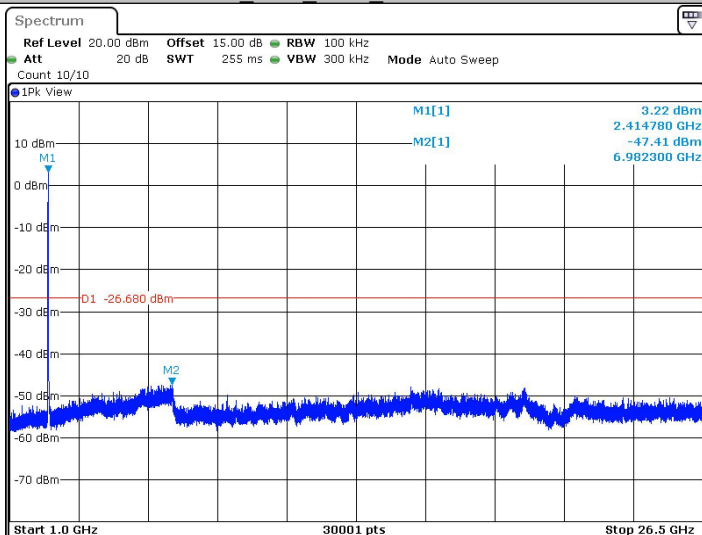


11G_Ant1_2412_30~1000



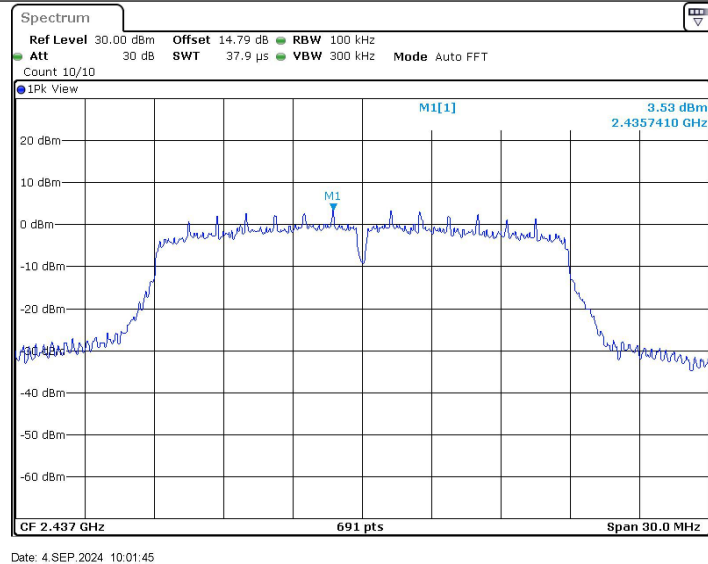
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11G_Ant1_2412_1000~26500

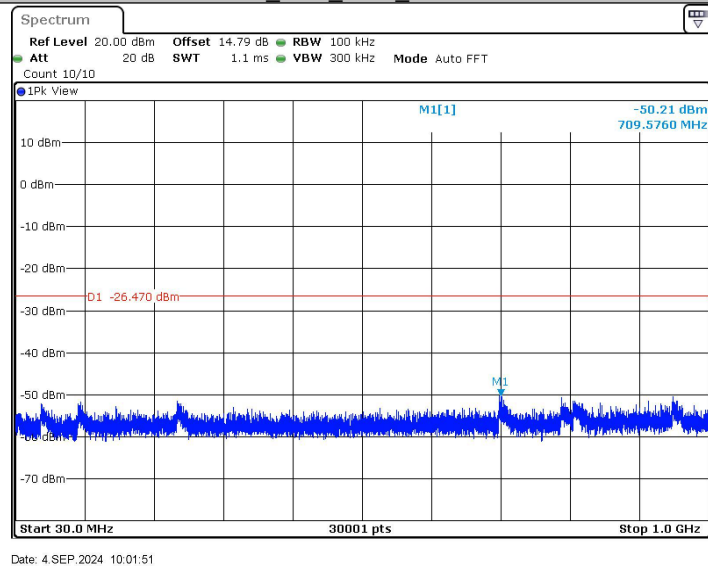


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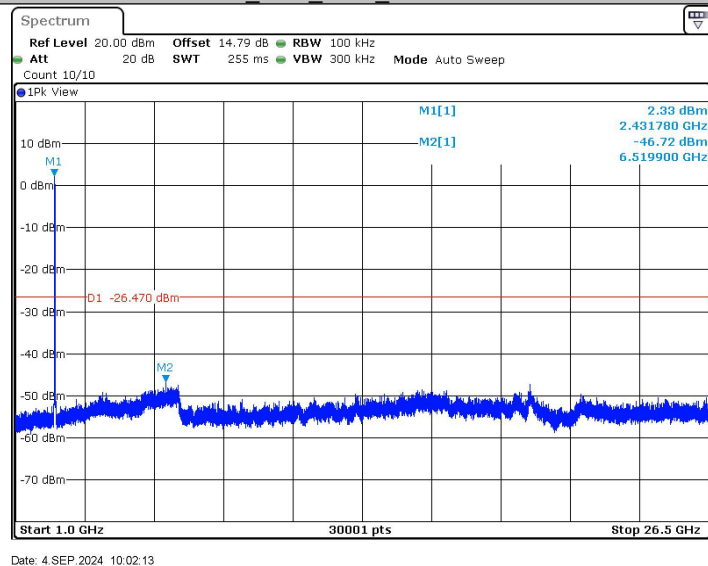
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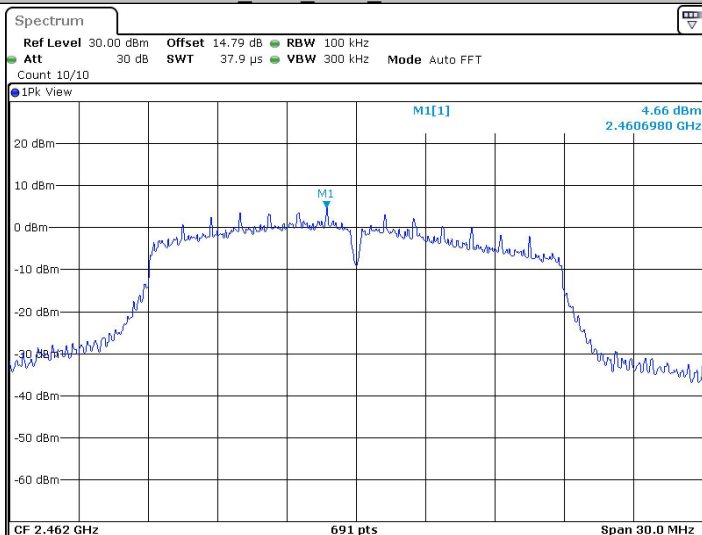
11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

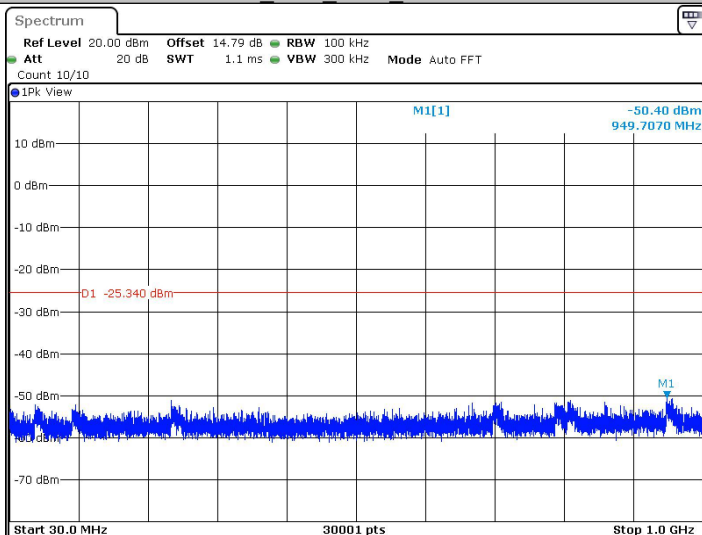


11G_Ant1_2462_0~Reference



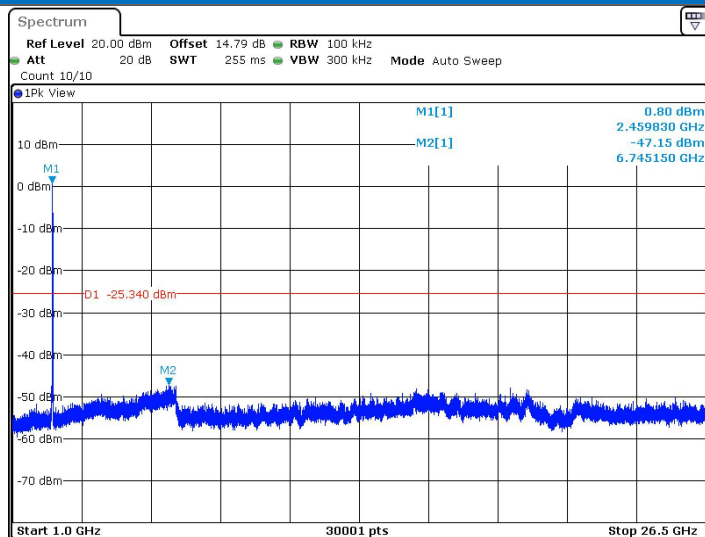
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11G_Ant1_2462_30~1000



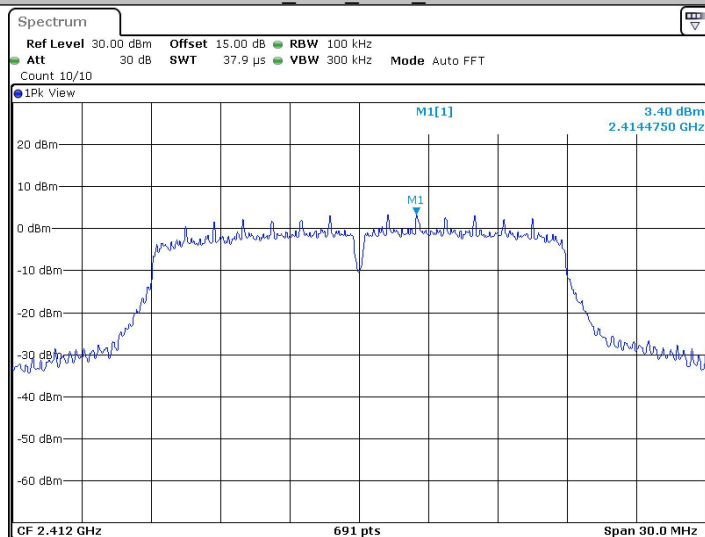
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11G_Ant1_2462_1000~26500



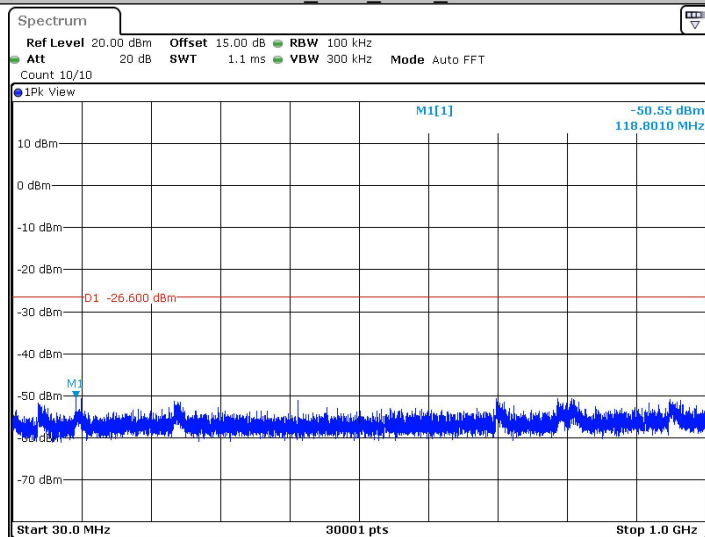
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11N20SISO_Ant1_2412_0~Reference



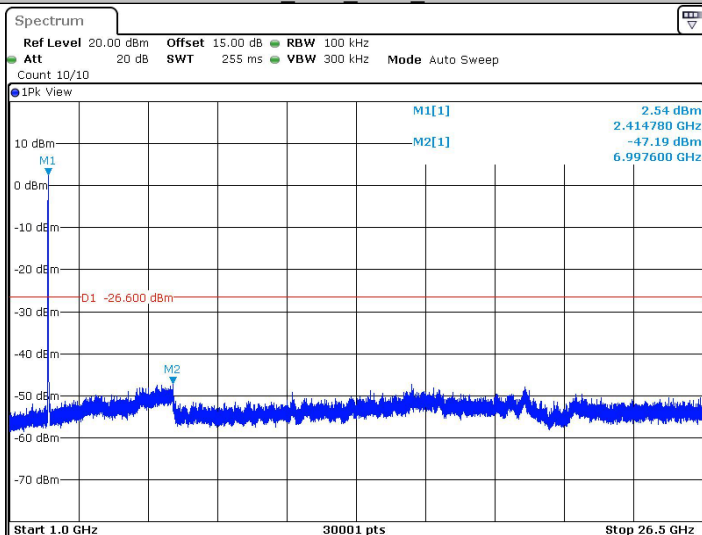
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11N20SISO_Ant1_2412_30~1000



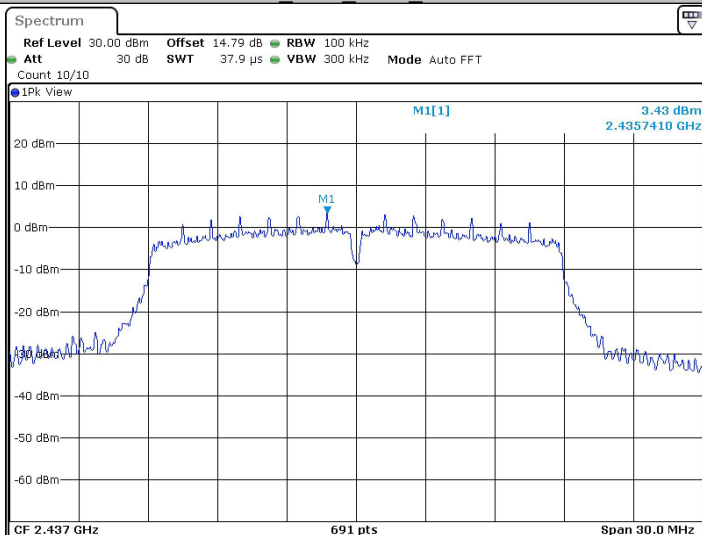
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11N20SISO_Ant1_2412_1000~26500



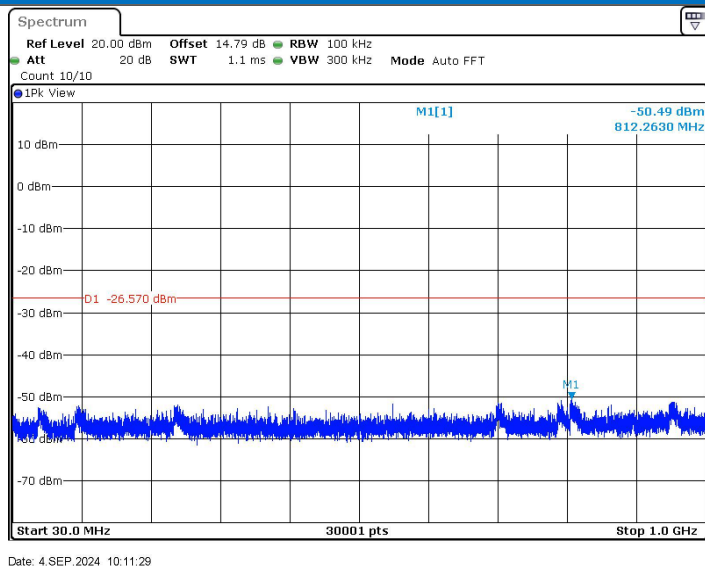
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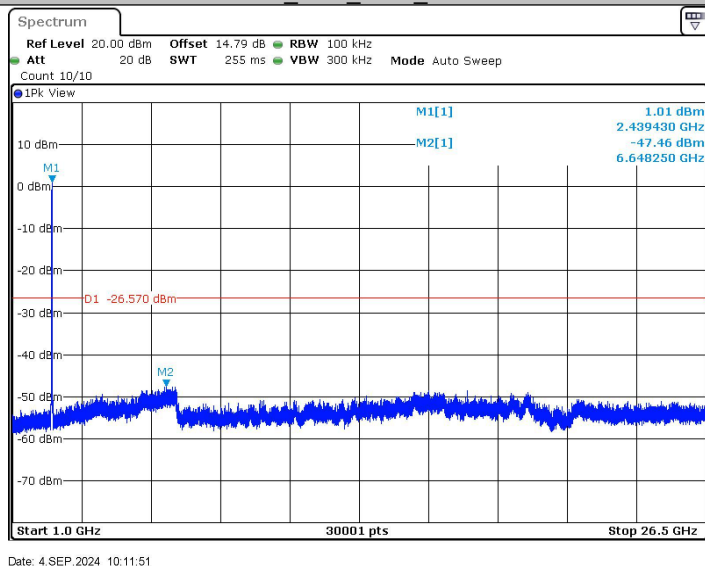


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11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

