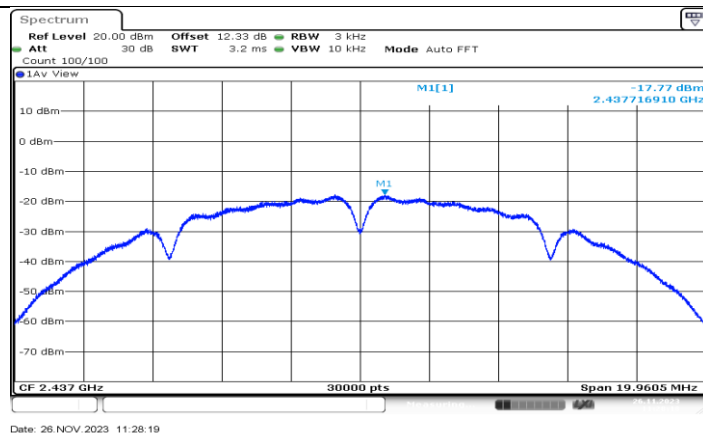
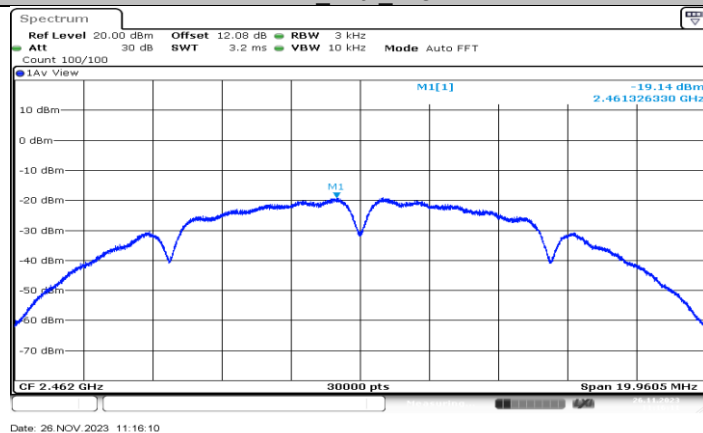
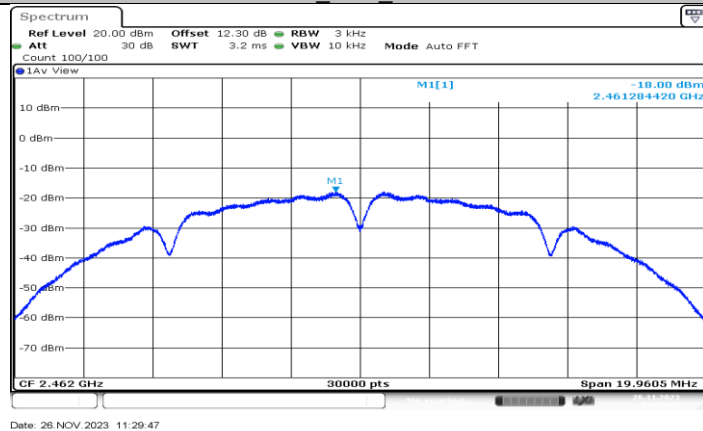




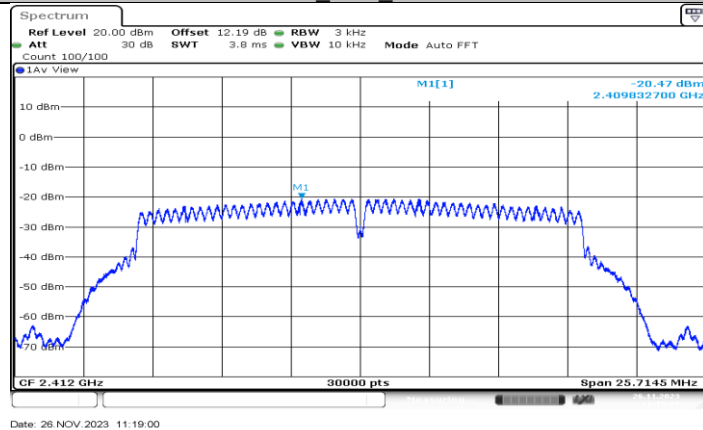
11B Ant2 2437



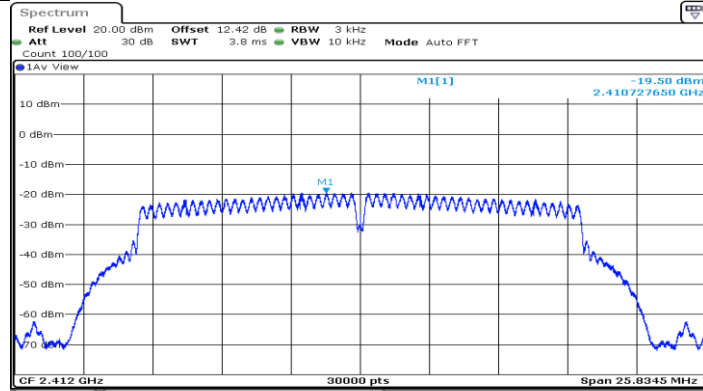
11B Ant1 2462



11B Ant2 2462

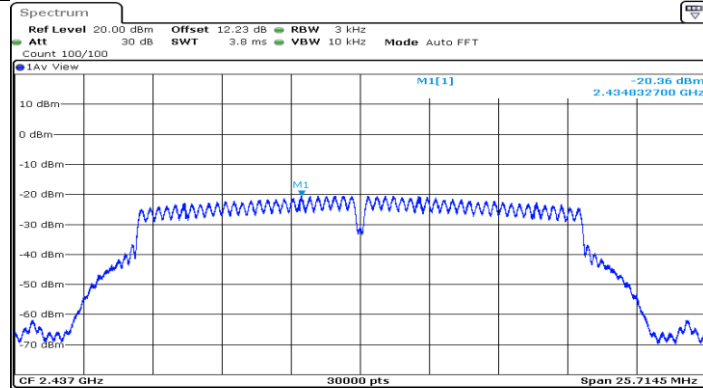


11G_Ant1_2412



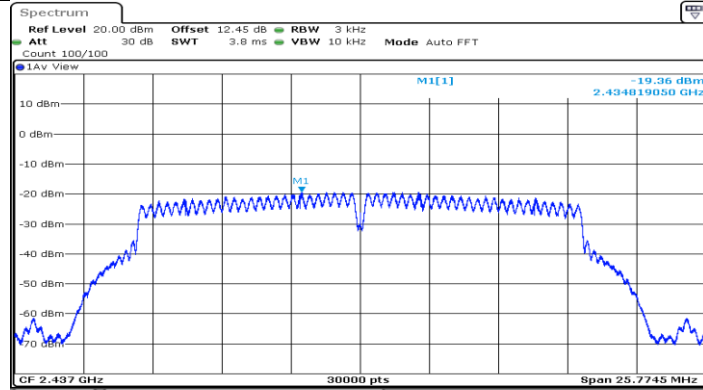
Date: 26 NOV 2023 11:31:59

11G_Ant2_2412



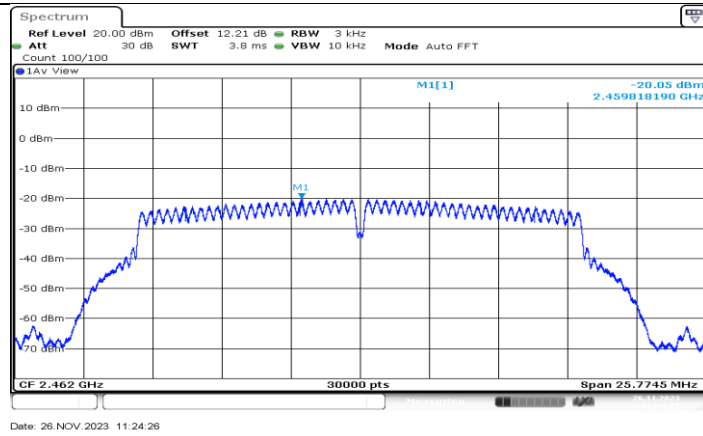
Date: 26 NOV 2023 11:21:23

11G_Ant1_2437



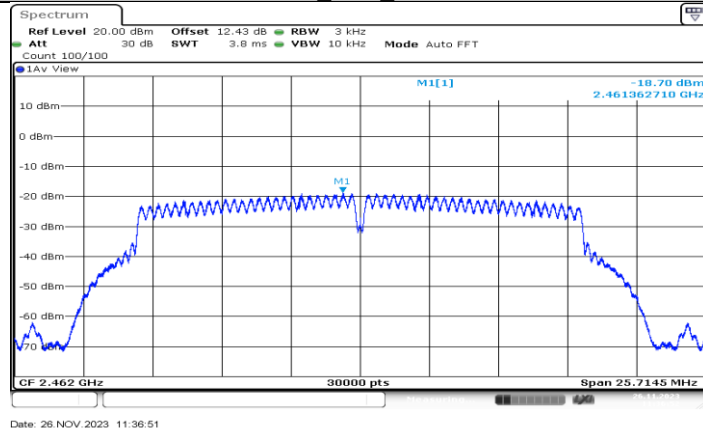
Date: 26 NOV 2023 11:33:48

11G_Ant2_2437



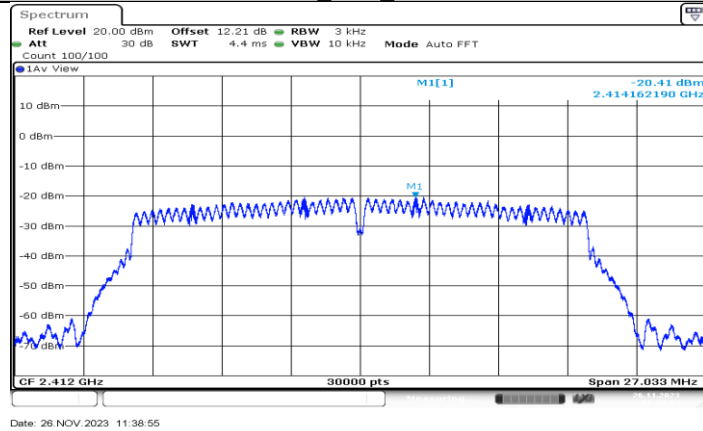
Date: 26 NOV 2023 11:24:26

11G_Ant1_2462



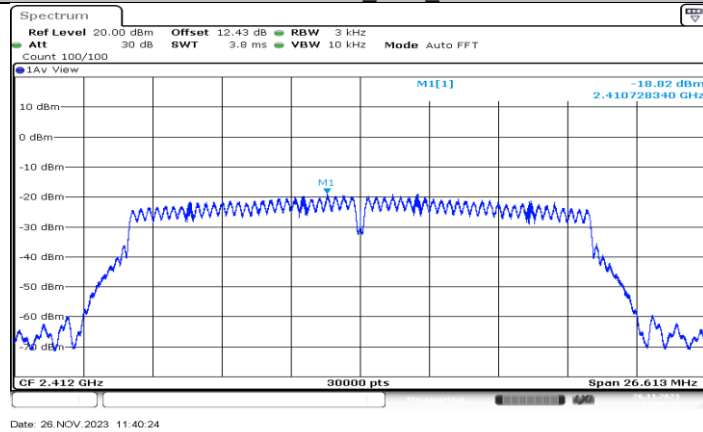
Date: 26 NOV 2023 11:36:51

11G_Ant2_2462



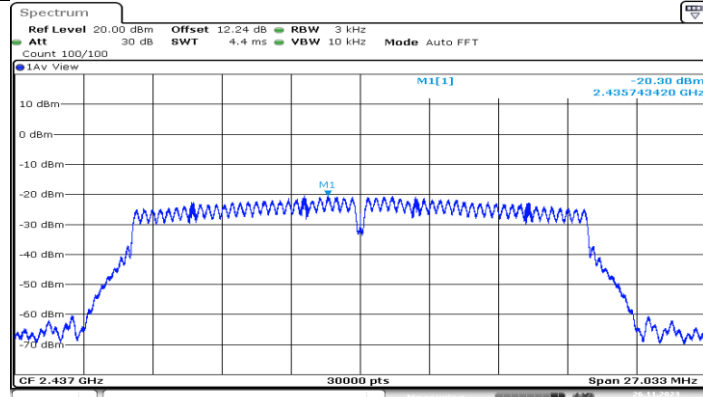
Date: 26 NOV 2023 11:38:55

11N20MIMO_Ant1_2412



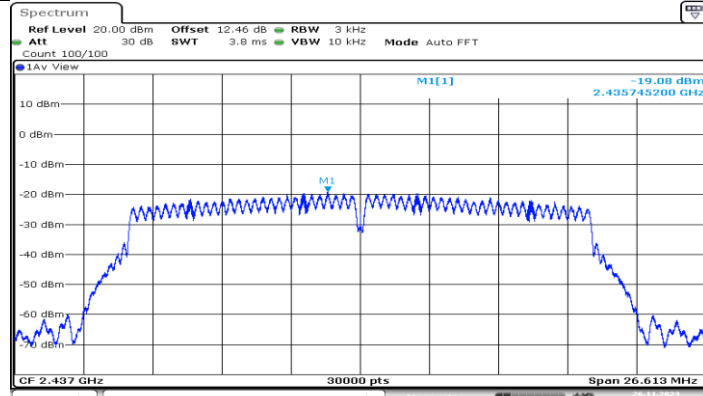
Date: 26 NOV 2023 11:40:24

11N20MIMO_Ant2_2412



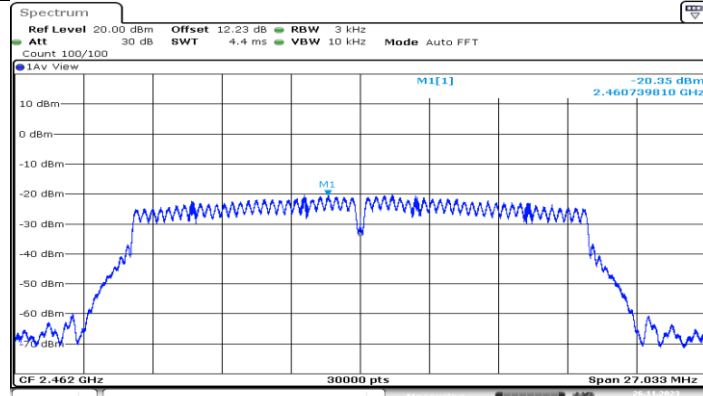
Date: 26 NOV 2023 11:42:15

11N20MIMO_Ant1_2437



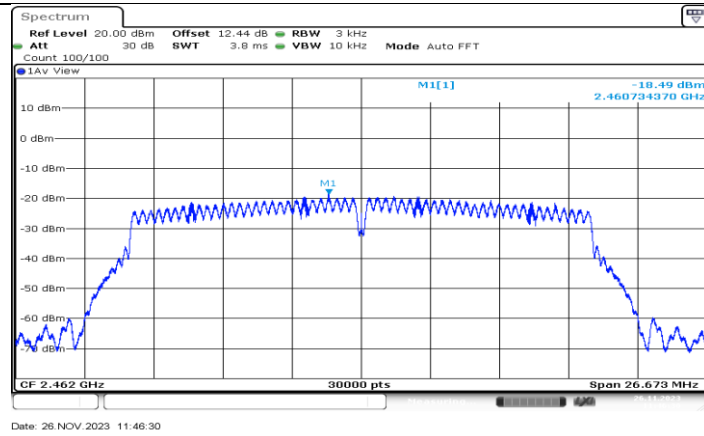
Date: 26 NOV 2023 11:43:34

11N20MIMO_Ant2_2437

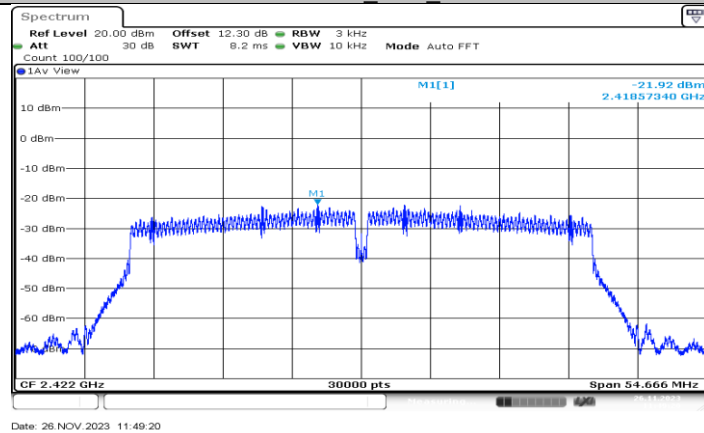


Date: 26 NOV 2023 11:45:01

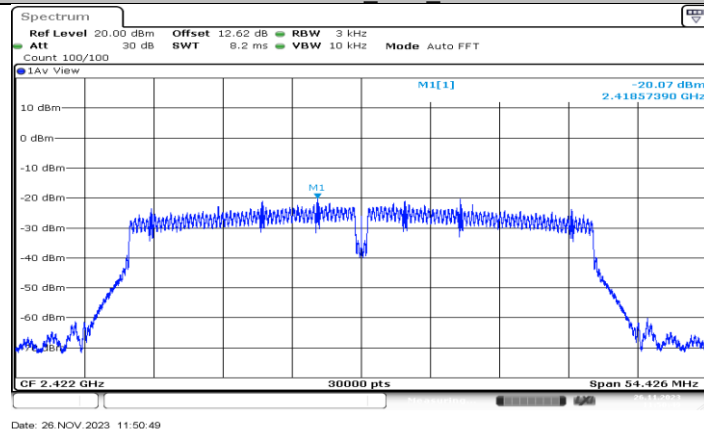
11N20MIMO_Ant1_2462



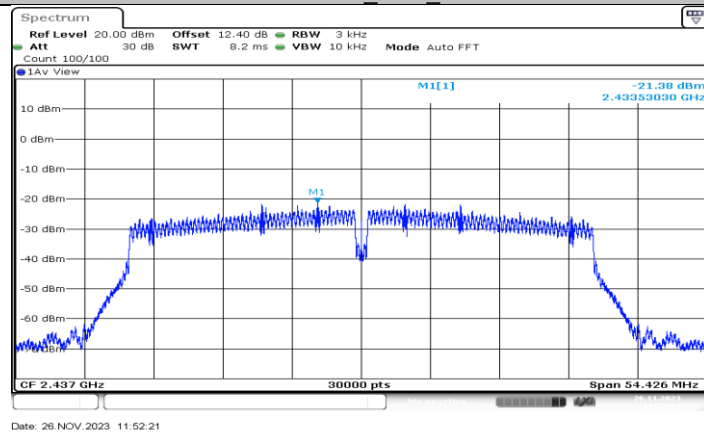
11N20MIMO_Ant2_2462



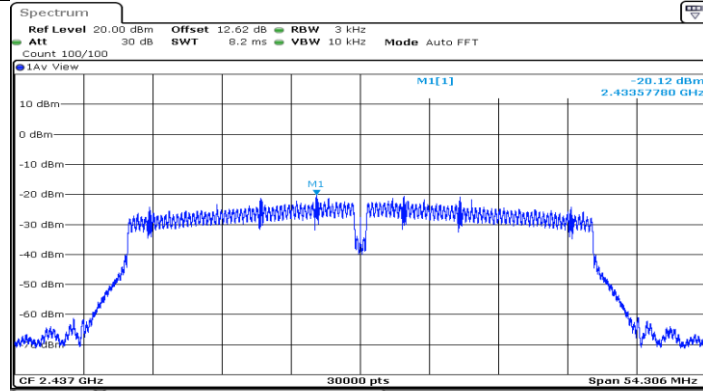
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422

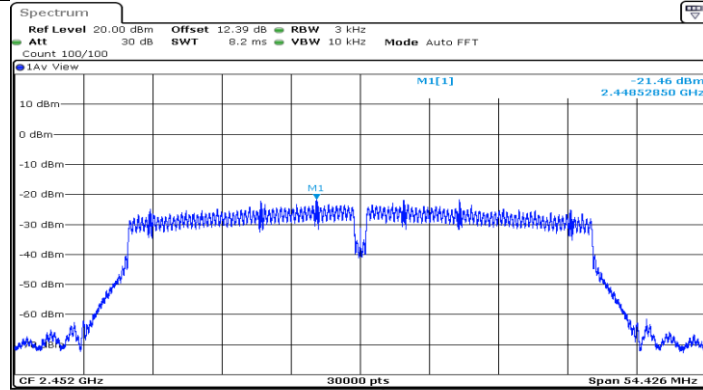


11N40MIMO_Ant1_2437



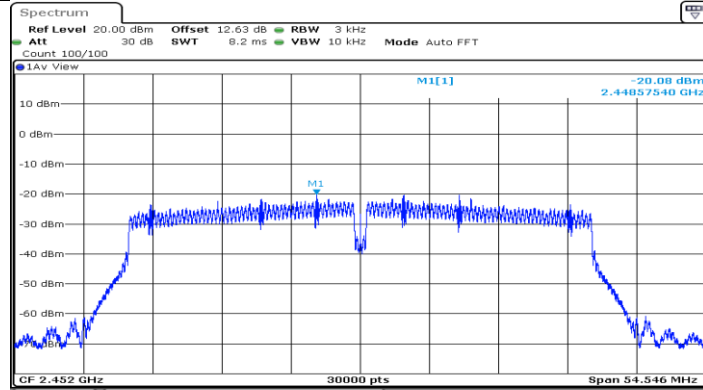
Date: 26 NOV 2023 11:53:39

11N40MIMO_Ant2_2437



Date: 26 NOV 2023 11:55:31

11N40MIMO_Ant1_2452



Date: 26 NOV 2023 11:57:00

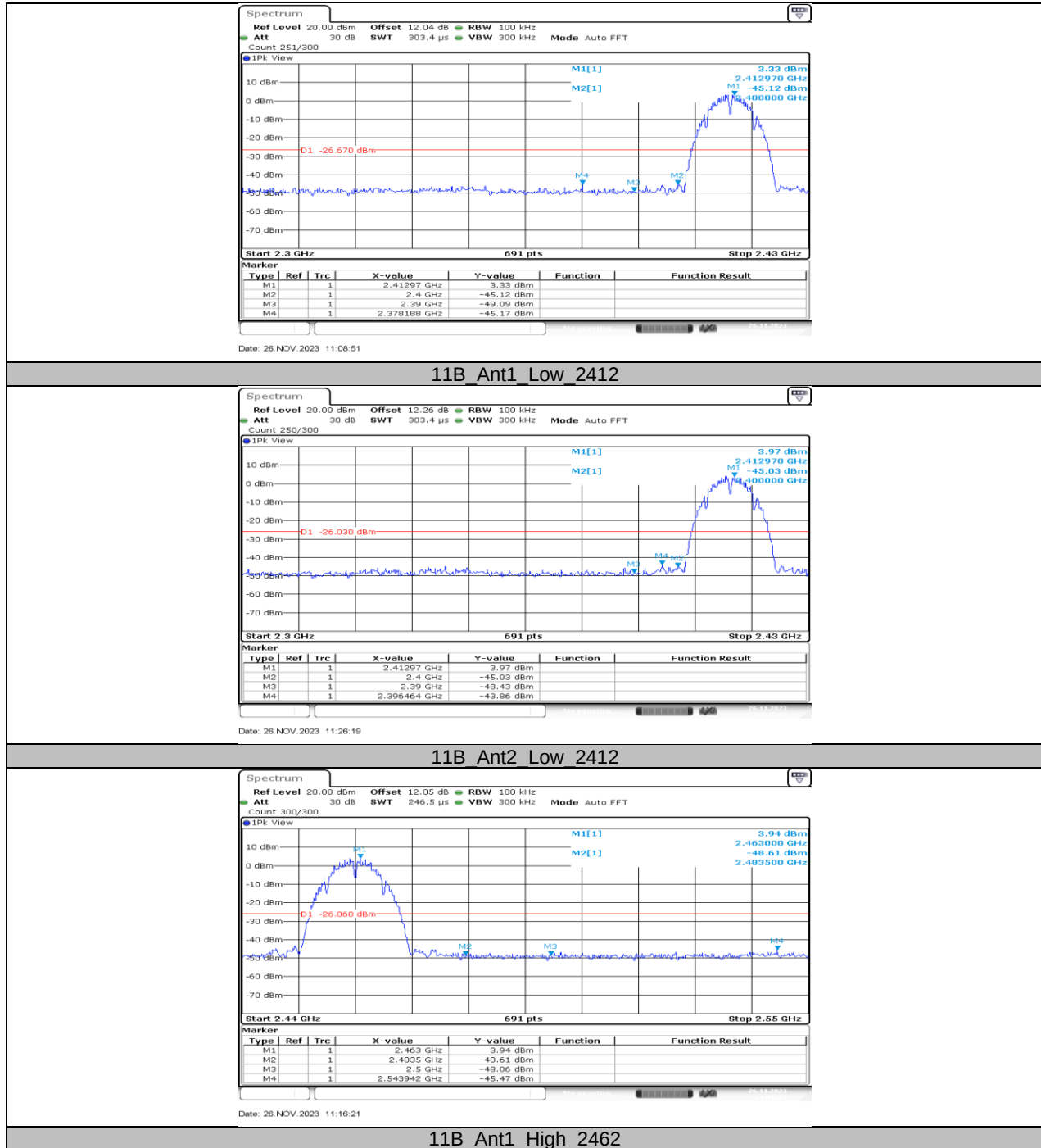
11N40MIMO_Ant2_2452

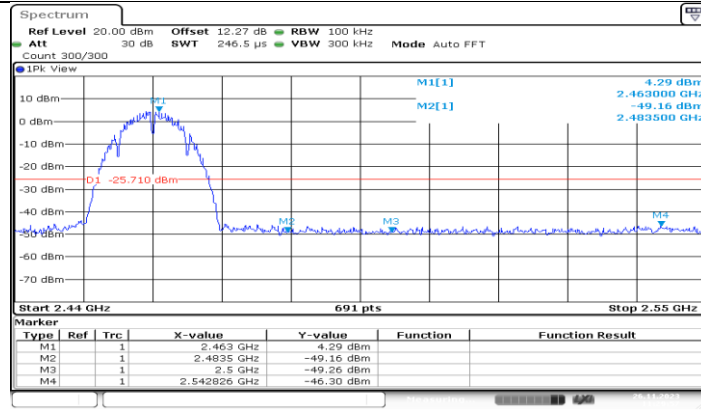
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.33	-45.17	≤-26.67	PASS
	Ant2	Low	2412	3.97	-43.86	≤-26.03	PASS
	Ant1	High	2462	3.94	-45.47	≤-26.06	PASS
	Ant2	High	2462	4.29	-46.3	≤-25.71	PASS
11G	Ant1	Low	2412	2.23	-40.35	≤-27.77	PASS
	Ant2	Low	2412	3.53	-41.41	≤-26.47	PASS
	Ant1	High	2462	1.10	-45.78	≤-28.9	PASS
	Ant2	High	2462	3.93	-45.42	≤-26.07	PASS
11N20MIMO	Ant1	Low	2412	1.47	-42.08	≤-28.53	PASS
	Ant2	Low	2412	3.69	-40.86	≤-26.31	PASS
	Ant1	High	2462	0.68	-45.76	≤-29.32	PASS
	Ant2	High	2462	3.77	-45.82	≤-26.23	PASS
11N40MIMO	Ant1	Low	2422	-0.32	-42.06	≤-30.32	PASS
	Ant2	Low	2422	1.12	-40.14	≤-28.88	PASS
	Ant1	High	2452	0.26	-45.32	≤-29.74	PASS
	Ant2	High	2452	1.54	-45.67	≤-28.46	PASS

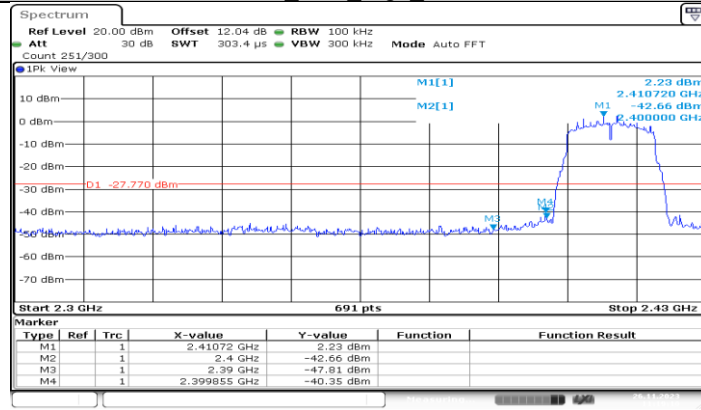
11.5.2. Test Graphs





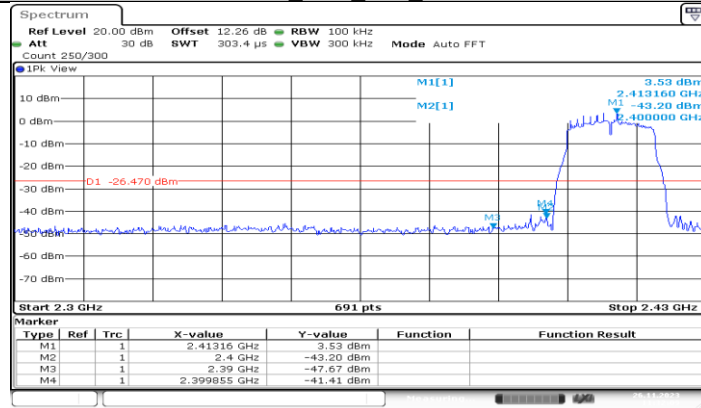
Date: 26.NOV.2023 11:29:57

11B Ant2 High 2462



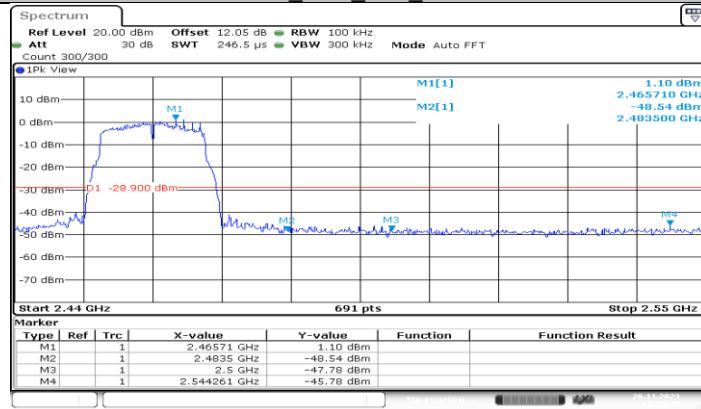
Date: 26.NOV.2023 11:19:10

11G Ant1 Low 2412



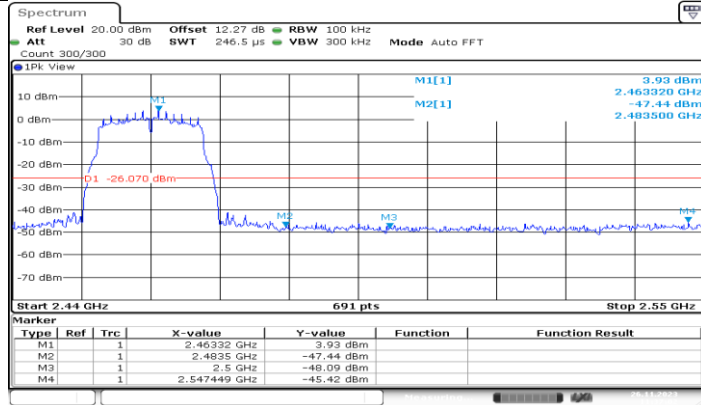
Date: 26.NOV.2023 11:32:09

11G Ant2 Low 2412



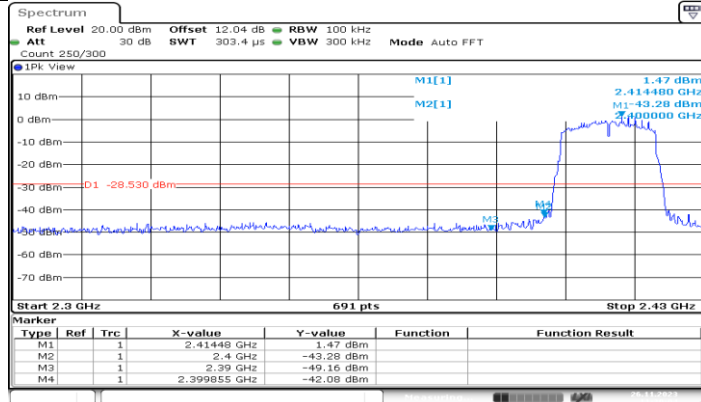
Date: 26.NOV.2023 11:24:38

11G Ant1_High_2462



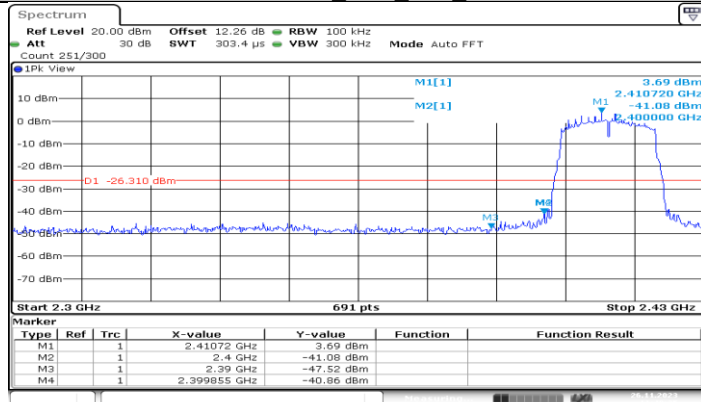
Date: 26 NOV 2023 11:37:02

11G Ant2_High_2462



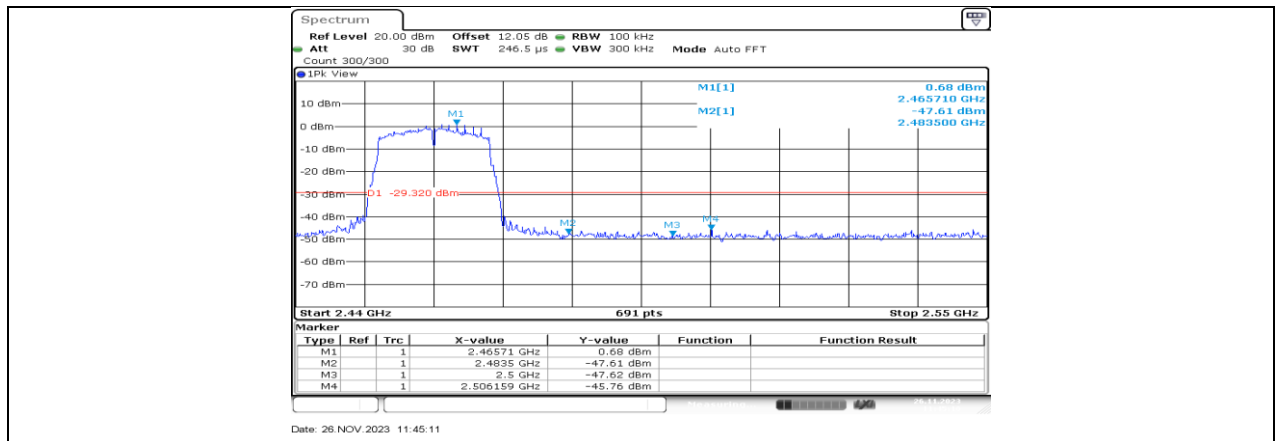
Date: 26 NOV 2023 11:39:05

11N20MIMO_Ant1_Low_2412

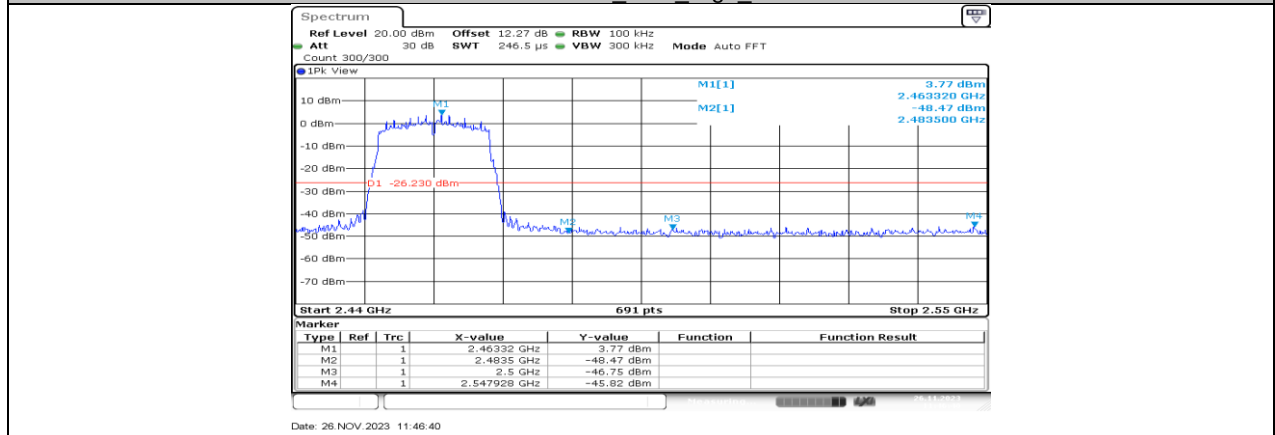


Date: 26 NOV 2023 11:40:35

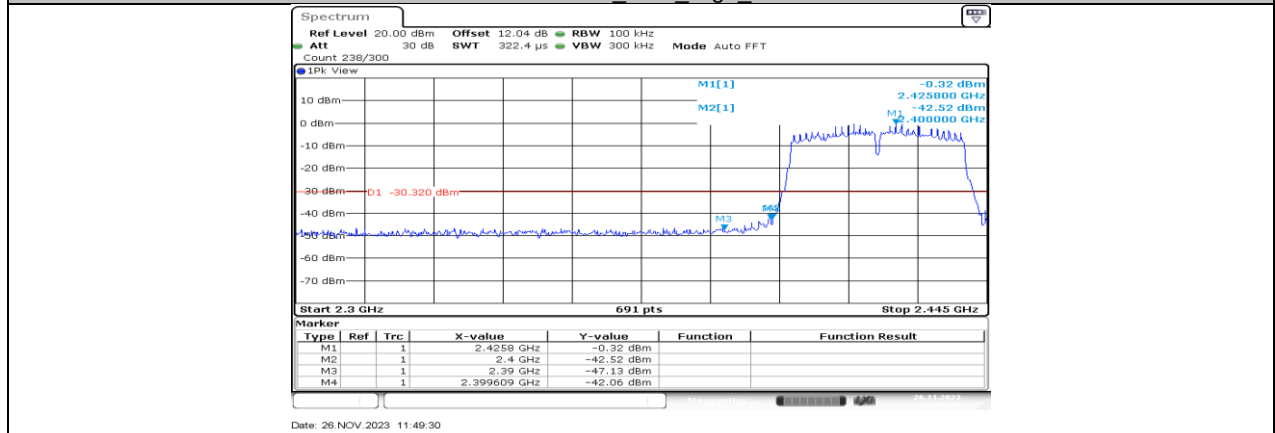
11N20MIMO_Ant2_Low_2412



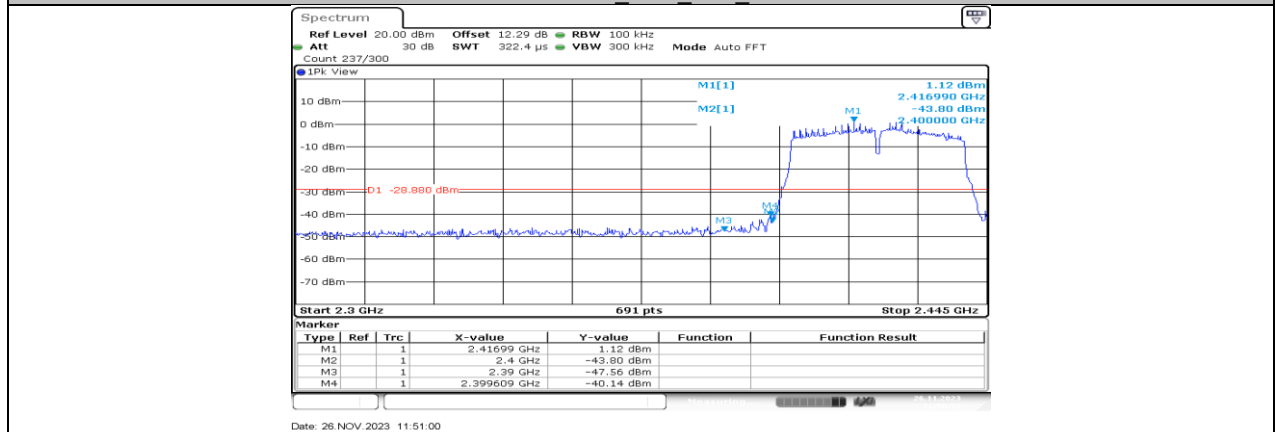
11N20MIMO_Ant1_High_2462

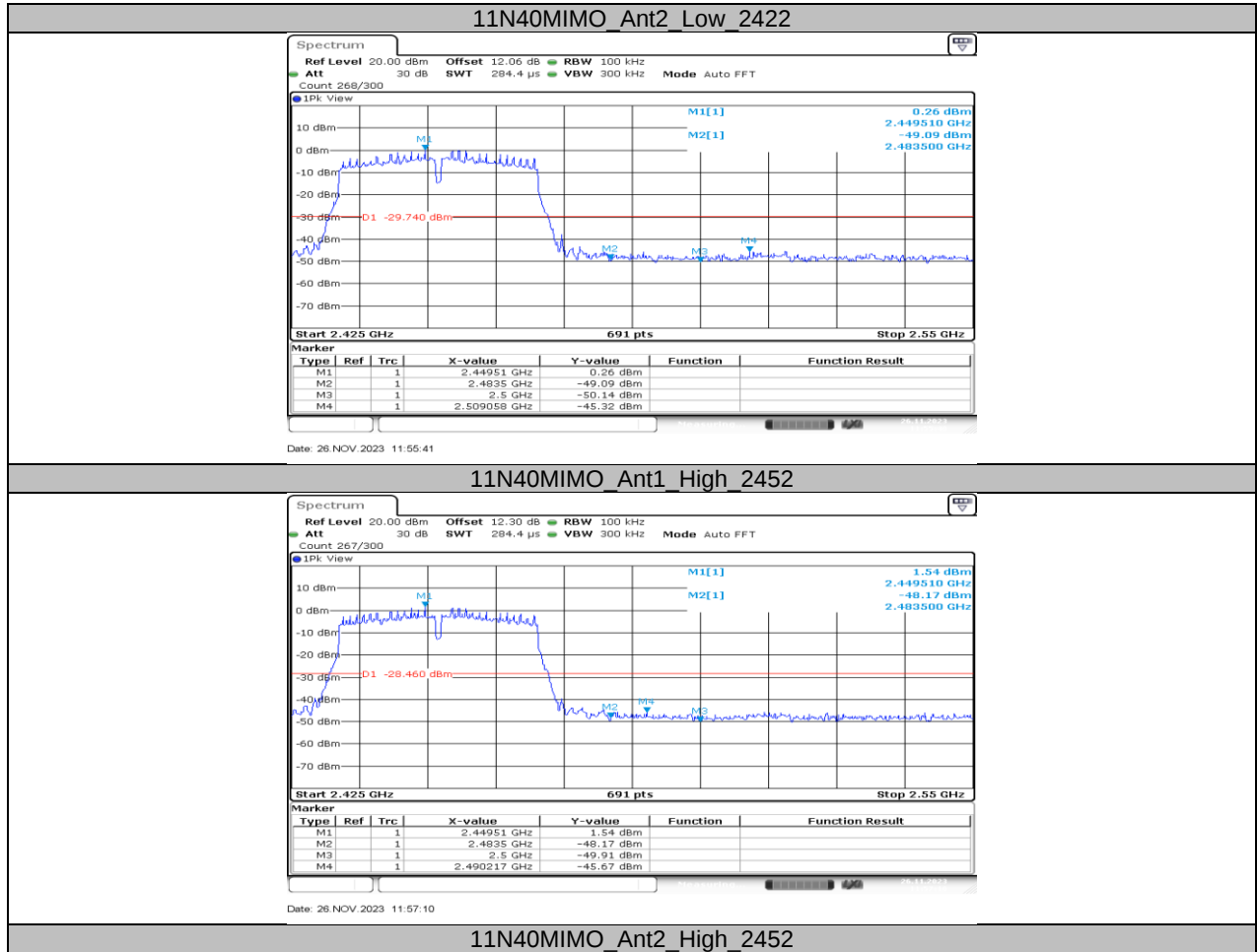


11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422





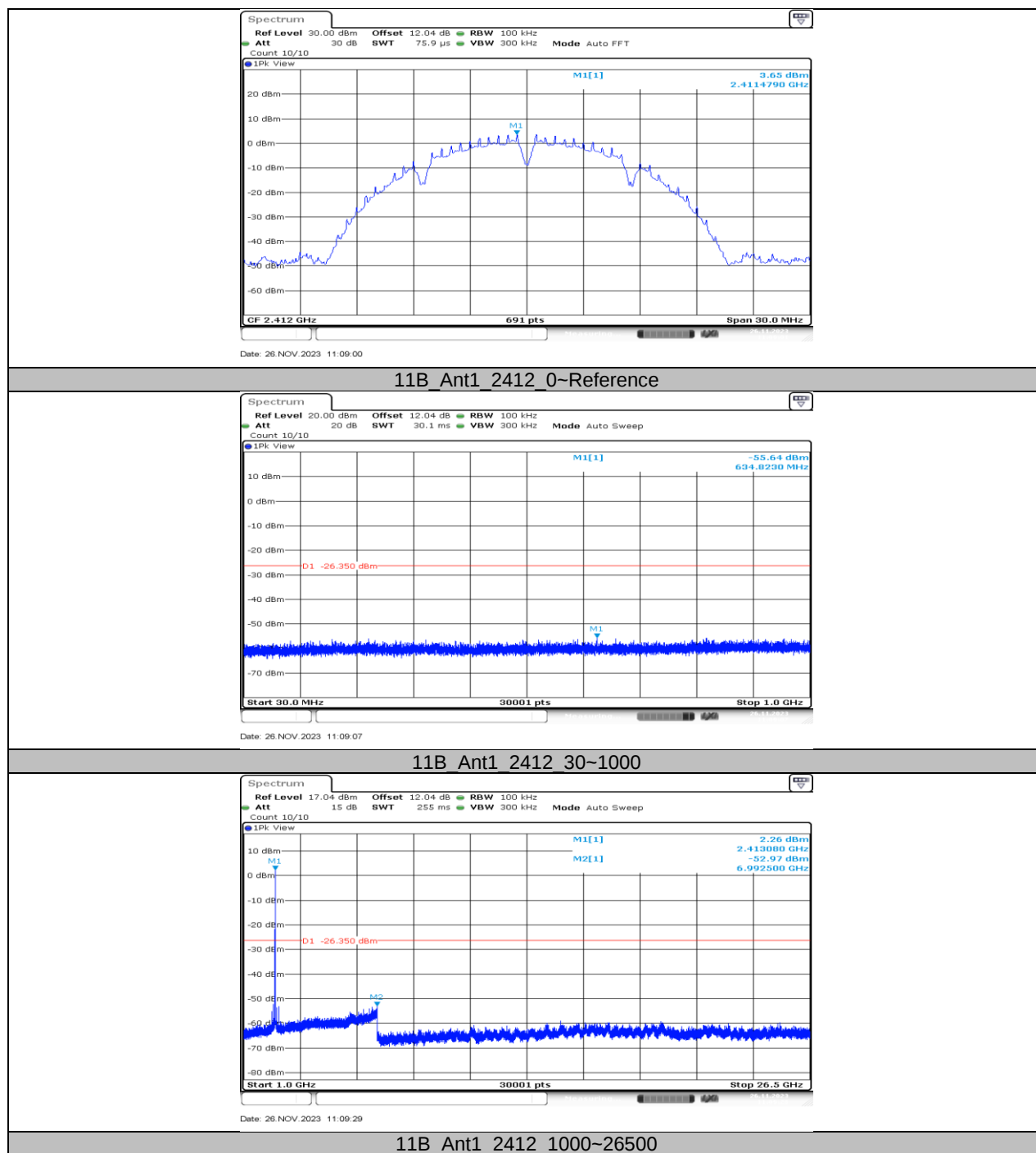
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

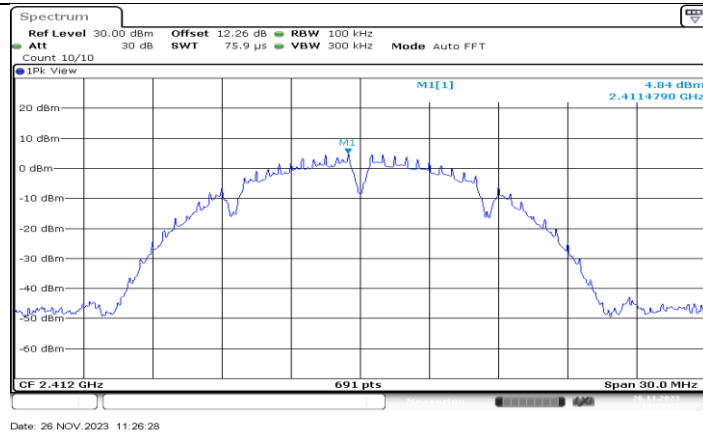
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.65	---	PASS
			30~1000	-55.64	≤-26.35	PASS
			1000~26500	-52.97	≤-26.35	PASS
	Ant2	2412	Reference	4.84	---	PASS
			30~1000	-54.87	≤-25.16	PASS
			1000~26500	-50.35	≤-25.16	PASS
	Ant1	2437	Reference	4.44	---	PASS
			30~1000	-55.31	≤-25.56	PASS
			1000~26500	-52.65	≤-25.56	PASS
	Ant2	2437	Reference	5.62	---	PASS
			30~1000	-54.71	≤-24.38	PASS
			1000~26500	-49.94	≤-24.38	PASS
	Ant1	2462	Reference	3.95	---	PASS
			30~1000	-54.85	≤-26.05	PASS
			1000~26500	-53.63	≤-26.05	PASS
	Ant2	2462	Reference	5.02	---	PASS
			30~1000	-55.34	≤-24.98	PASS
			1000~26500	-51.22	≤-24.98	PASS
11G	Ant1	2412	Reference	2.10	---	PASS
			30~1000	-55.4	≤-27.9	PASS
			1000~26500	-53.98	≤-27.9	PASS
	Ant2	2412	Reference	3.60	---	PASS
			30~1000	-54.39	≤-26.4	PASS
			1000~26500	-52.17	≤-26.4	PASS
	Ant1	2437	Reference	2.62	---	PASS
			30~1000	-55.71	≤-27.38	PASS
			1000~26500	-53.8	≤-27.38	PASS
	Ant2	2437	Reference	3.73	---	PASS
			30~1000	-54.42	≤-26.27	PASS
			1000~26500	-51.69	≤-26.27	PASS
	Ant1	2462	Reference	2.82	---	PASS
			30~1000	-55.7	≤-27.18	PASS
			1000~26500	-53.64	≤-27.18	PASS
	Ant2	2462	Reference	3.99	---	PASS
			30~1000	-54.28	≤-26.01	PASS
			1000~26500	-52.78	≤-26.01	PASS
11N20MIMO	Ant1	2412	Reference	2.34	---	PASS
			30~1000	-55.6	≤-27.66	PASS
			1000~26500	-53.28	≤-27.66	PASS
	Ant2	2412	Reference	3.74	---	PASS
			30~1000	-55.64	≤-26.26	PASS
			1000~26500	-52.22	≤-26.26	PASS
	Ant1	2437	Reference	2.49	---	PASS
			30~1000	-55.6	≤-27.51	PASS
			1000~26500	-53.43	≤-27.51	PASS
	Ant2	2437	Reference	3.36	---	PASS
			30~1000	-54.44	≤-26.64	PASS
			1000~26500	-53.52	≤-26.64	PASS
	Ant1	2462	Reference	2.87	---	PASS
			30~1000	-55.47	≤-27.13	PASS
			1000~26500	-54.13	≤-27.13	PASS
	Ant2	2462	Reference	3.73	---	PASS
			30~1000	-54.93	≤-26.27	PASS
			1000~26500	-53.27	≤-26.27	PASS
11N40MIMO	Ant1	2422	Reference	0.03	---	PASS
			30~1000	-52.1	≤-29.97	PASS
			1000~26500	-53.23	≤-29.97	PASS
	Ant2	2422	Reference	1.10	---	PASS

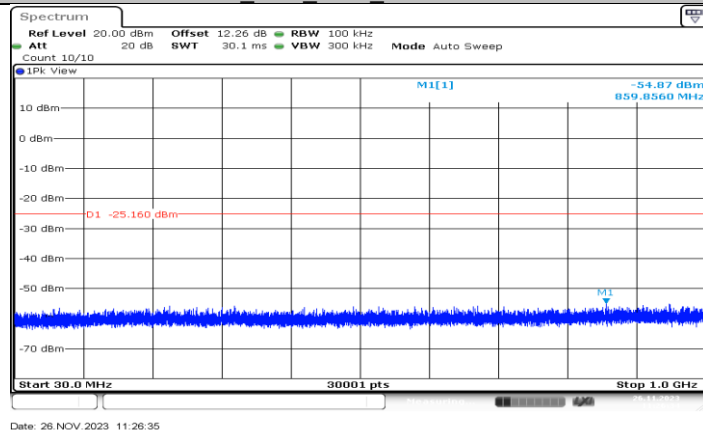
			30~1000	-55.37	≤ -28.9	PASS
			1000~26500	-52.9	≤ -28.9	PASS
	Ant1	2437	Reference	0.18	---	PASS
			30~1000	-49.89	≤ -29.82	PASS
			1000~26500	-53.67	≤ -29.82	PASS
	Ant2	2437	Reference	1.41	---	PASS
			30~1000	-54.74	≤ -28.59	PASS
			1000~26500	-53.32	≤ -28.59	PASS
	Ant1	2452	Reference	0.37	---	PASS
			30~1000	-49.9	≤ -29.63	PASS
			1000~26500	-53.16	≤ -29.63	PASS
	Ant2	2452	Reference	1.59	---	PASS
			30~1000	-54.93	≤ -28.41	PASS
			1000~26500	-53.14	≤ -28.41	PASS

11.6.2. Test Graphs

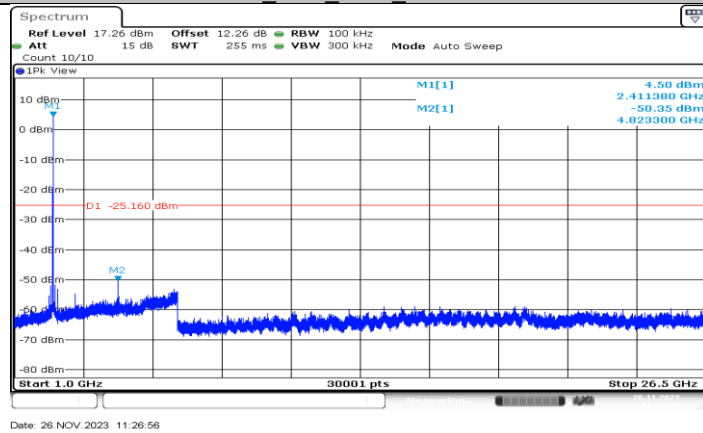




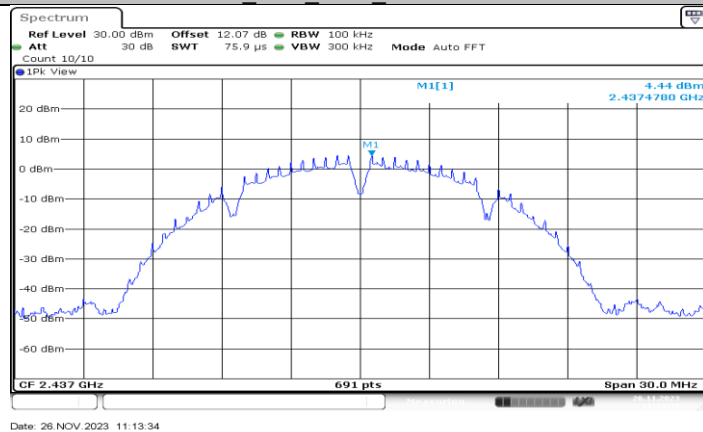
11B_Ant2_2412_0-Reference

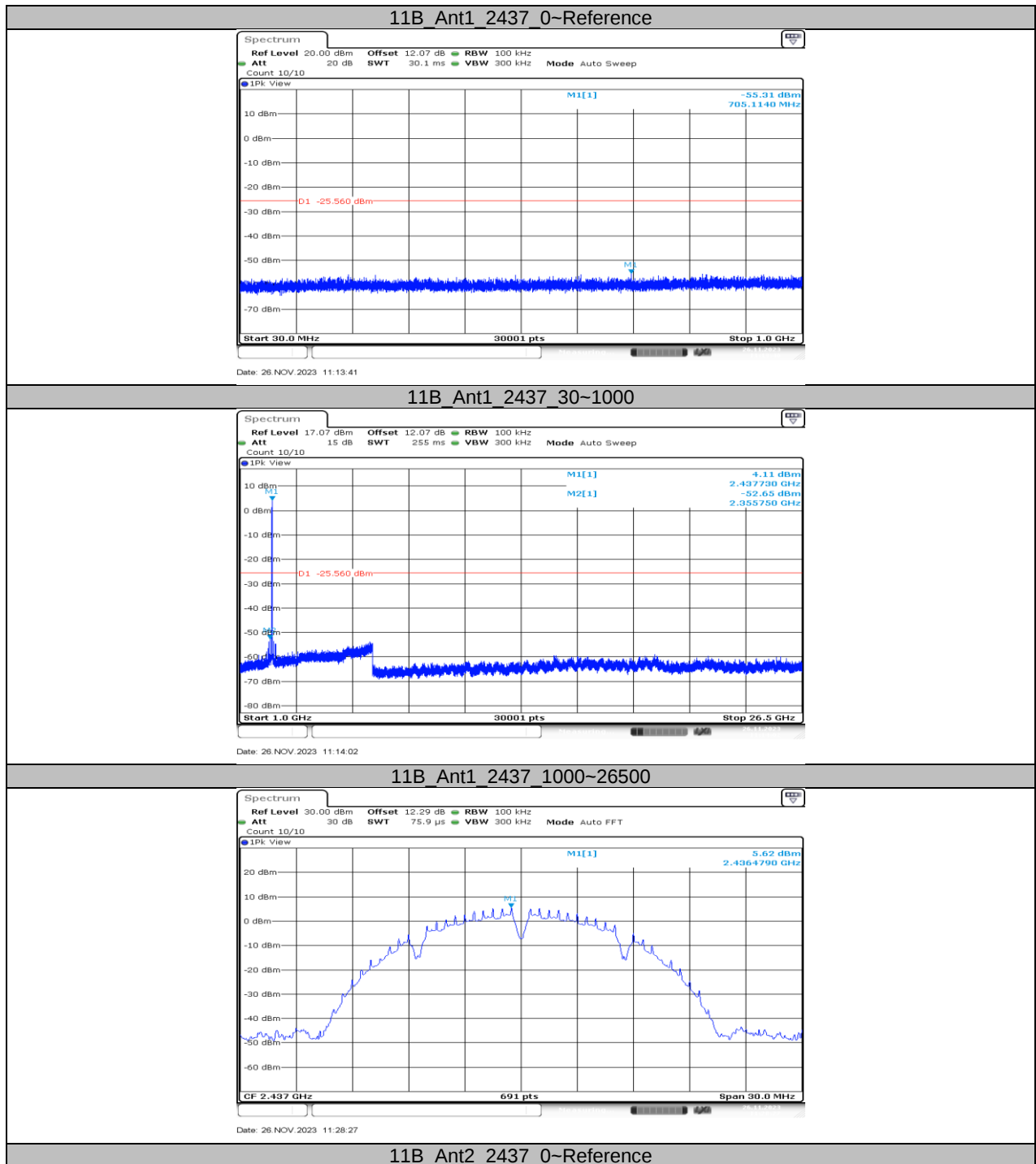


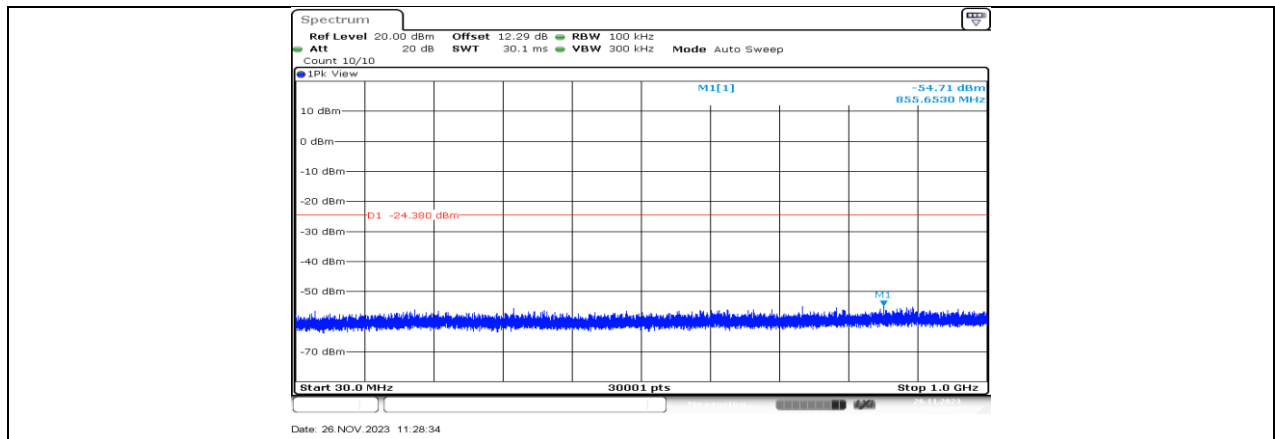
11B_Ant2_2412_30-1000



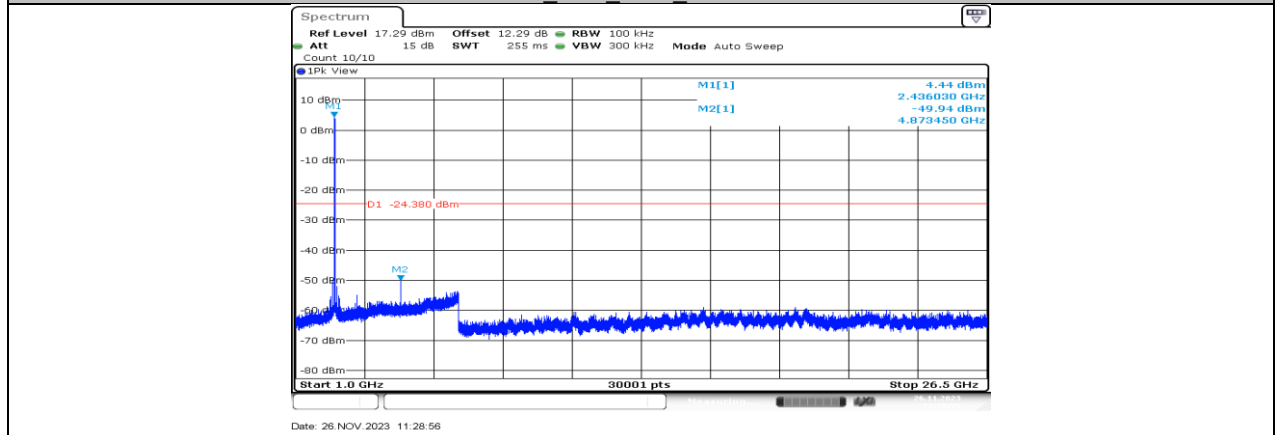
11B_Ant2_2412_1000-26500



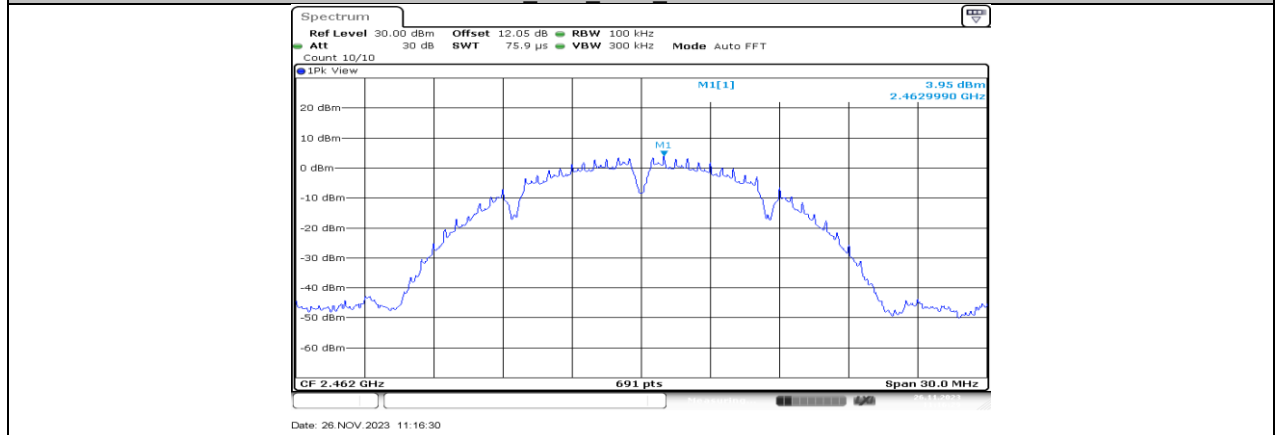




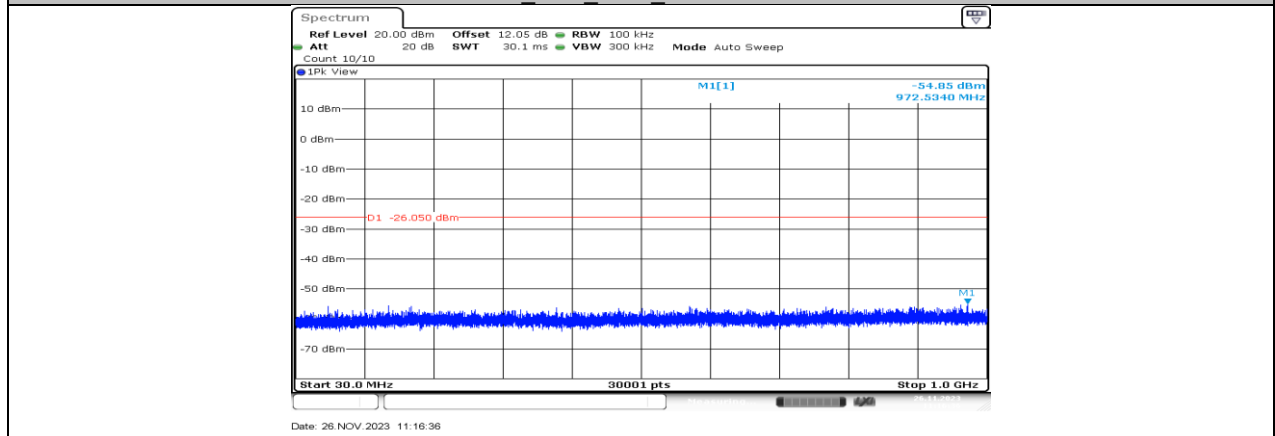
11B_Ant2_2437_30-1000

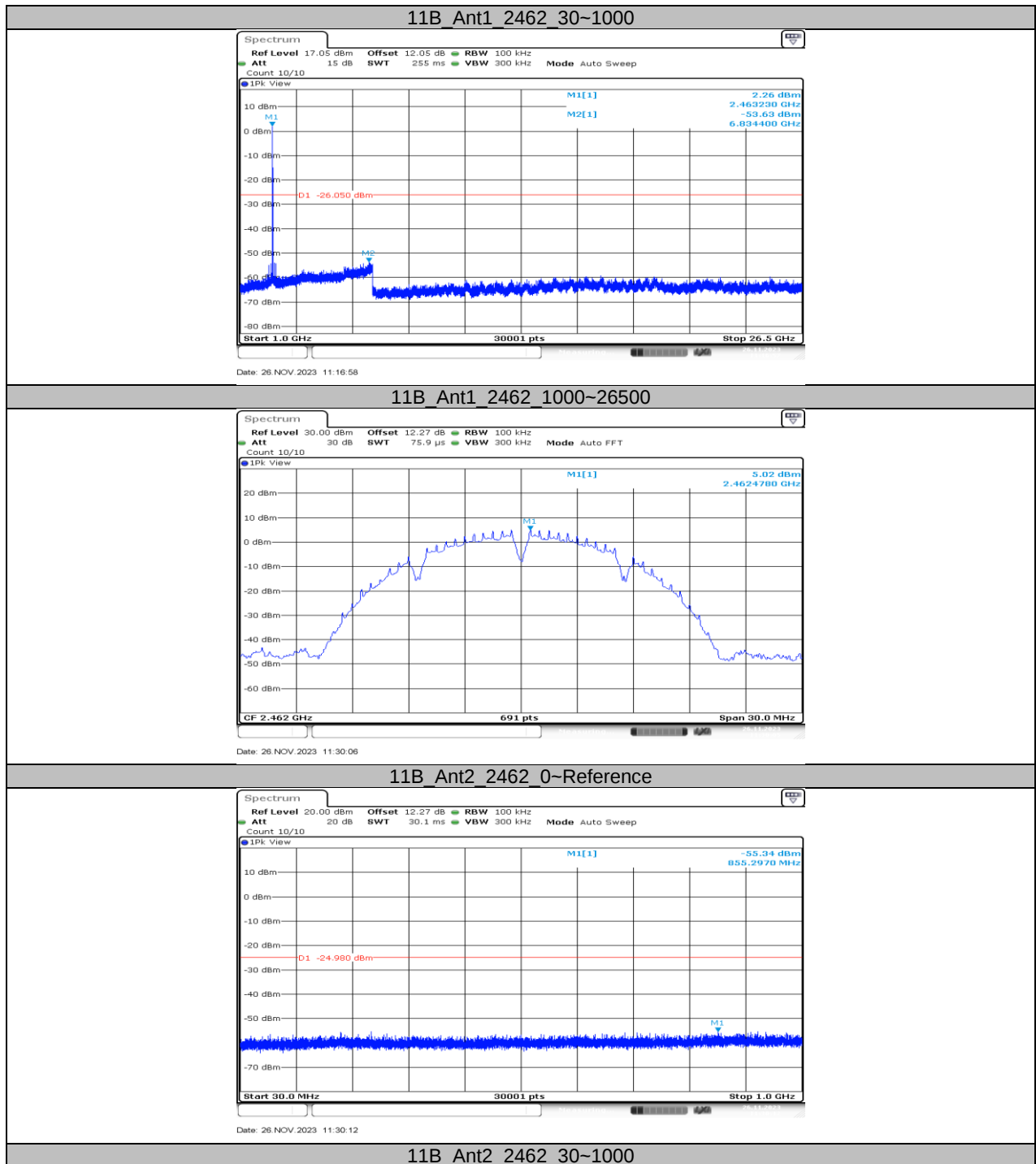


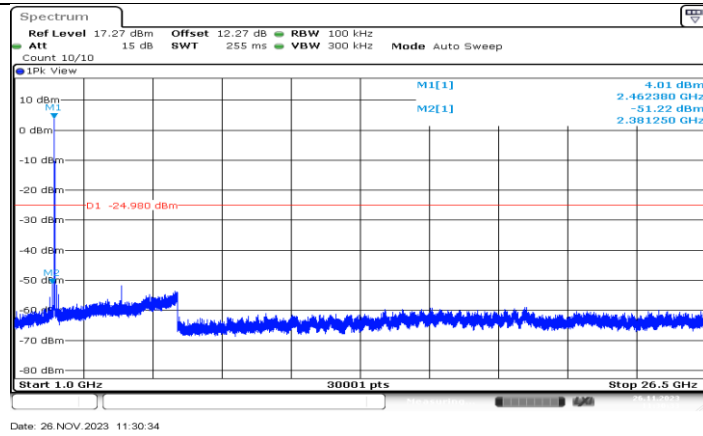
11B_Ant2_2437_1000-26500



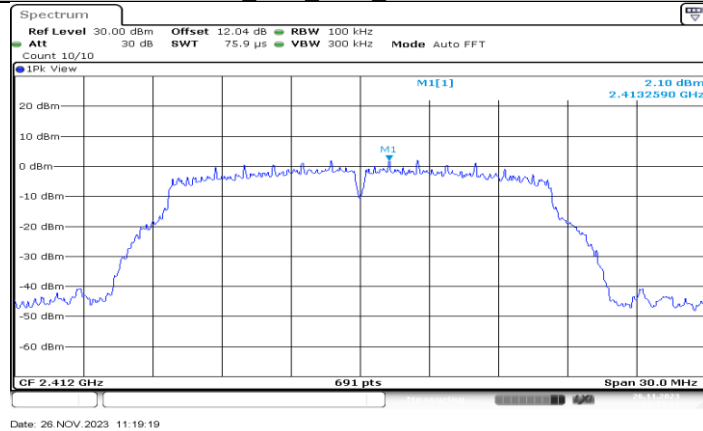
11B_Ant1_2462_0-Reference



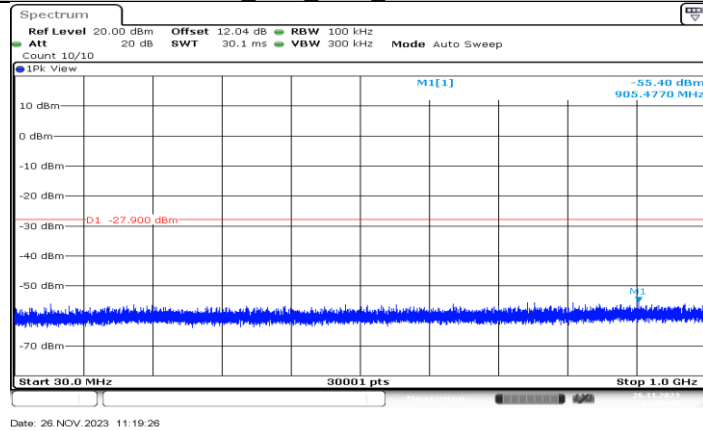




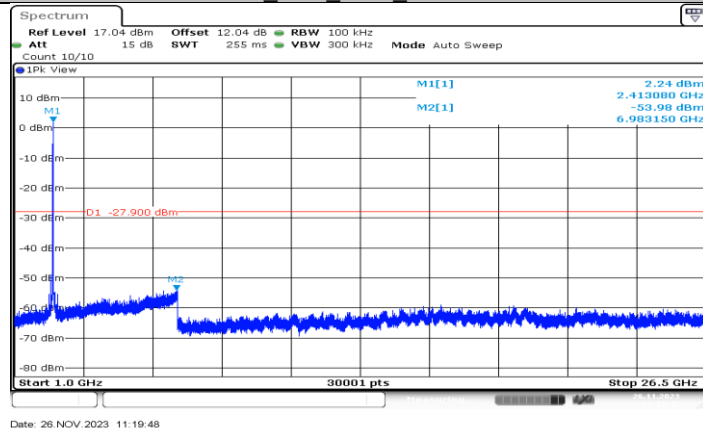
11B Ant2 2462 1000~26500

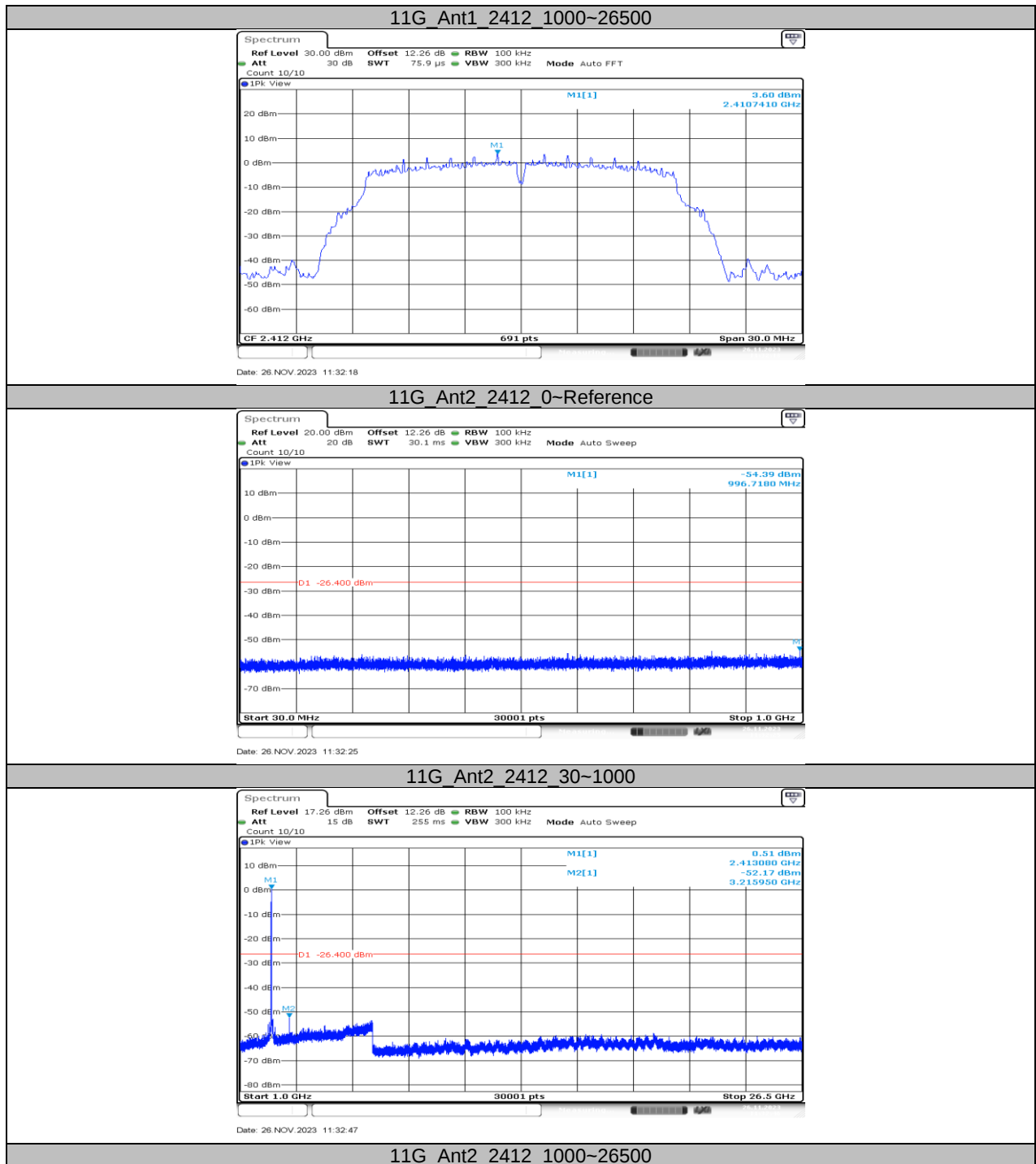


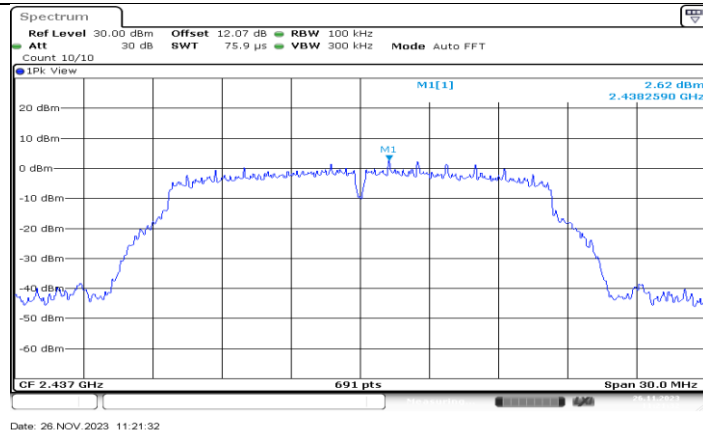
11G Ant1 2412 0~Reference



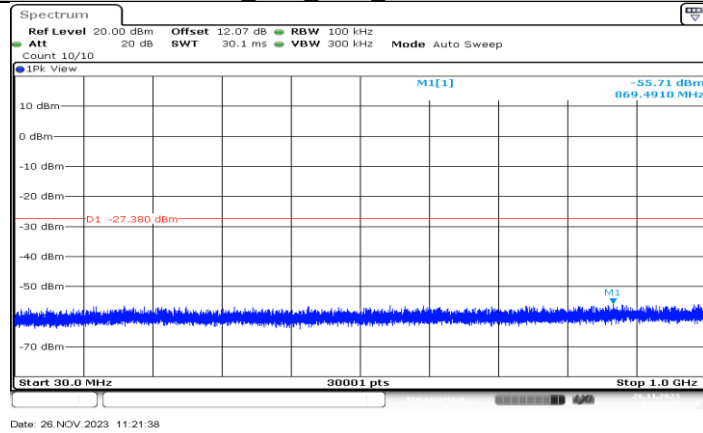
11G Ant1 2412 30~1000



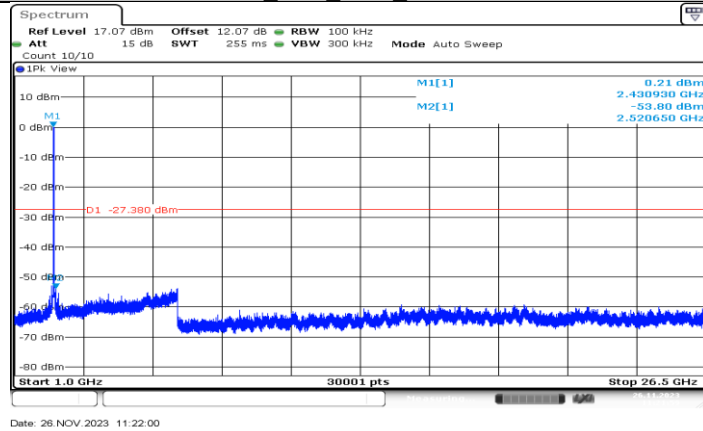




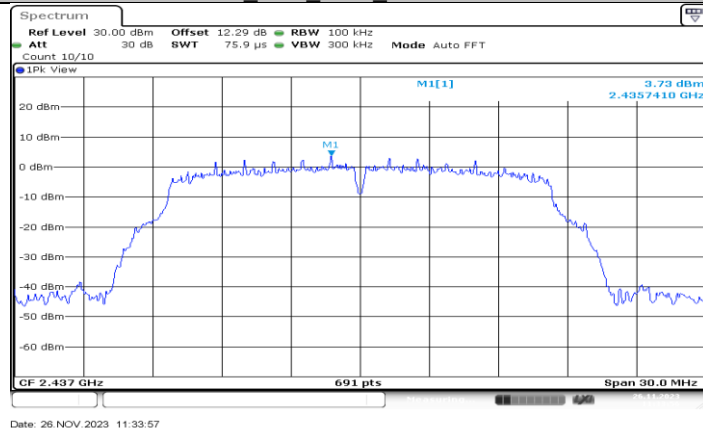
11G Ant1 2437 0-Reference

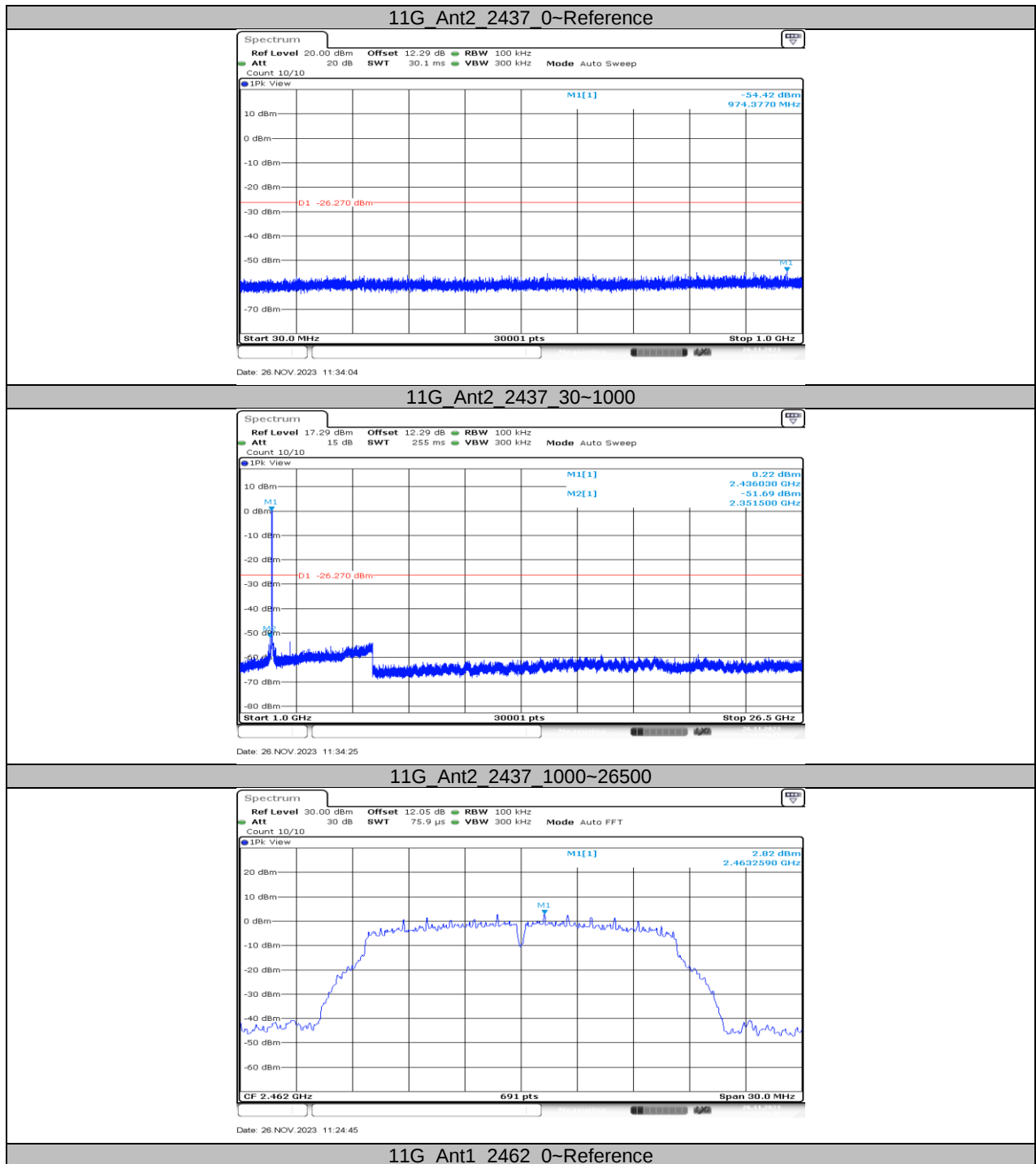


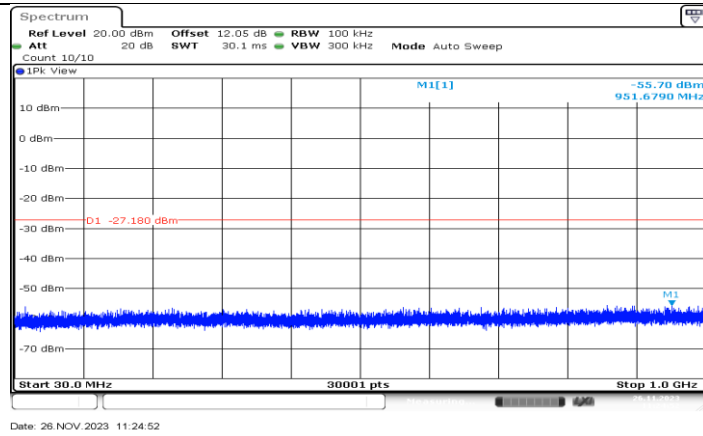
11G Ant1 2437 30-1000



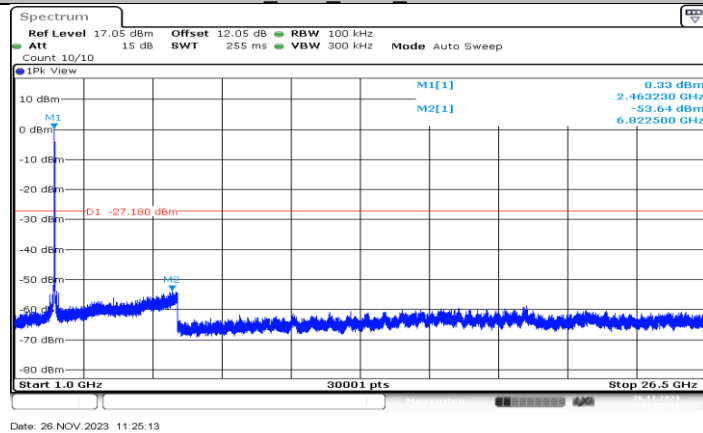
11G Ant1 2437 1000-26500



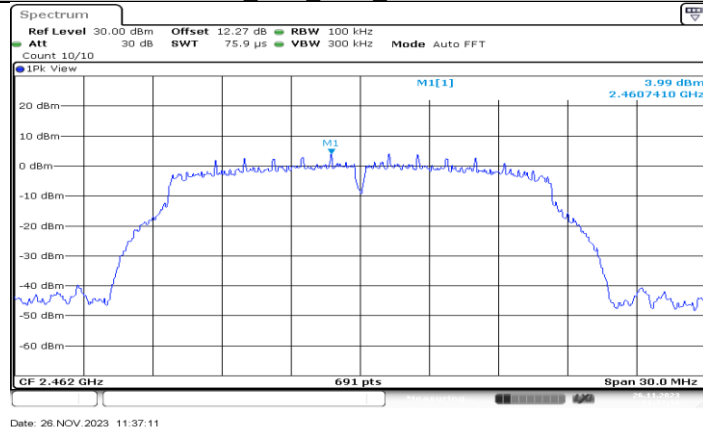




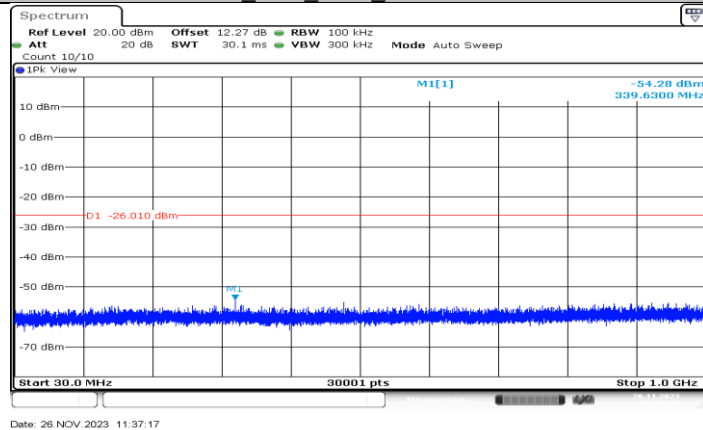
11G_Ant1_2462_30~1000

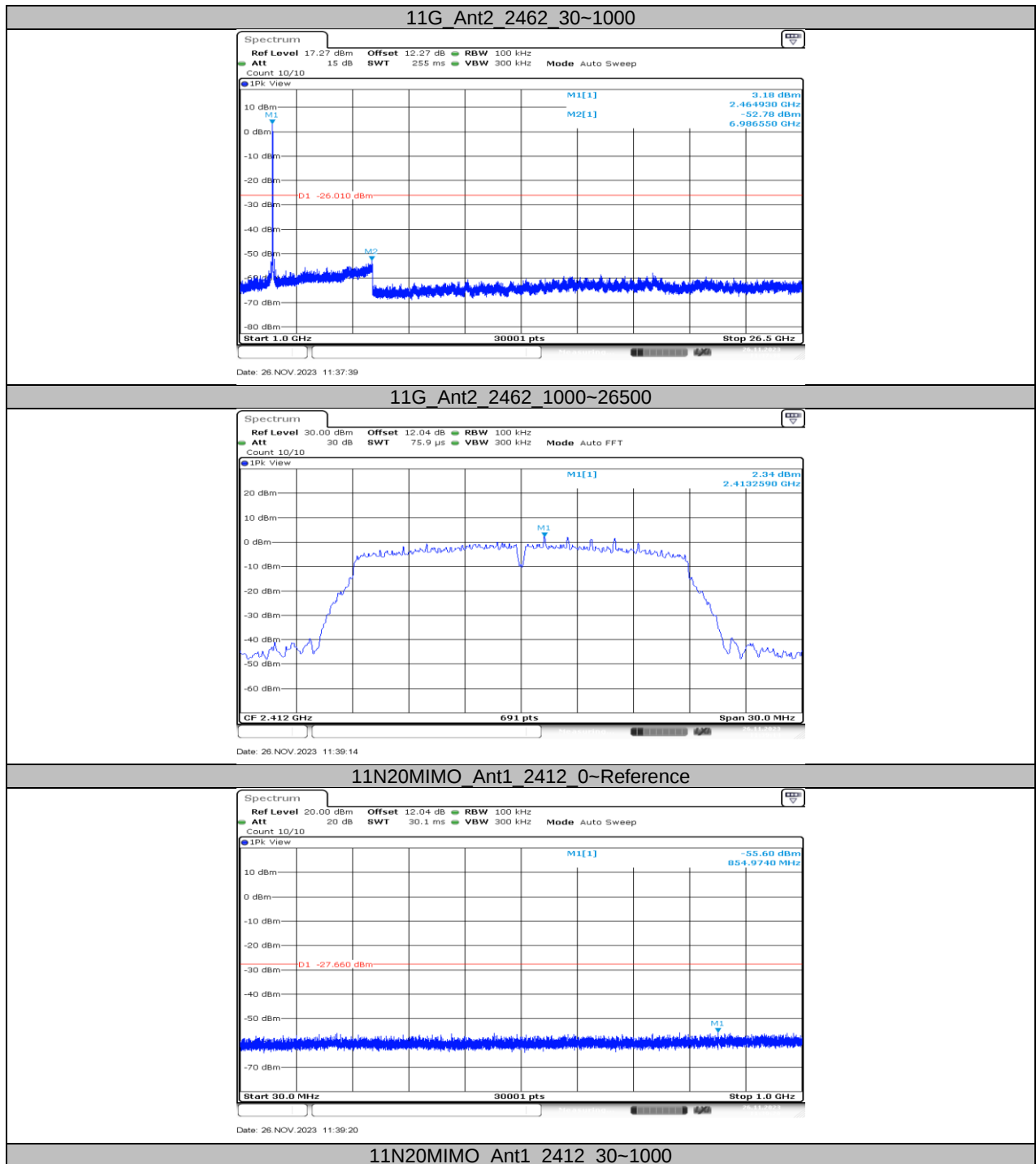


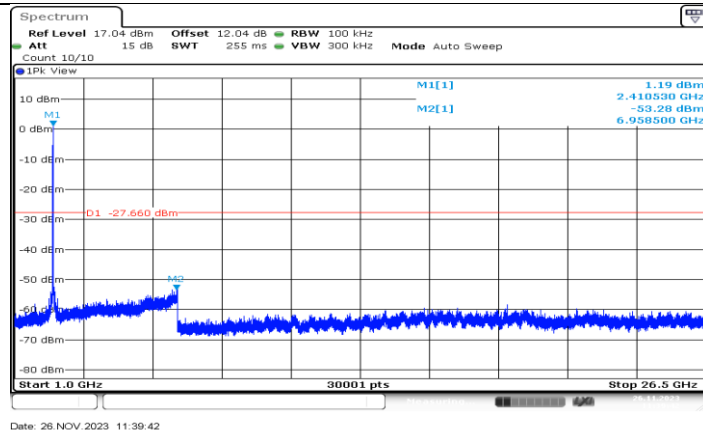
11G_Ant1_2462_1000~26500



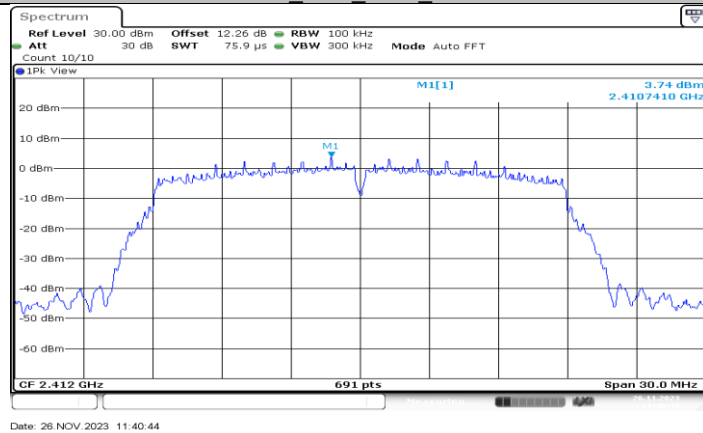
11G_Ant2_2462_0-Reference



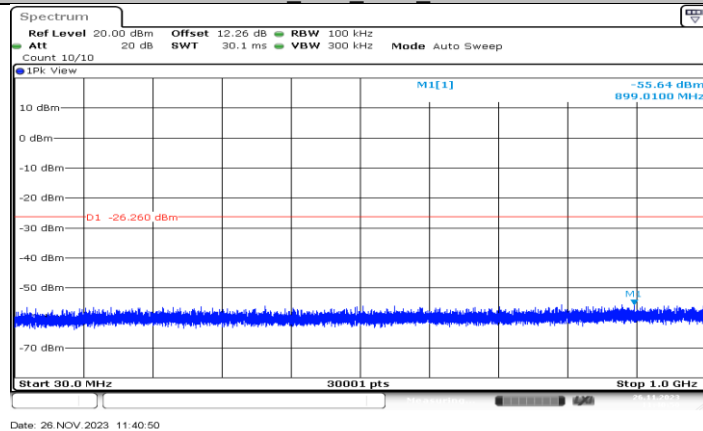




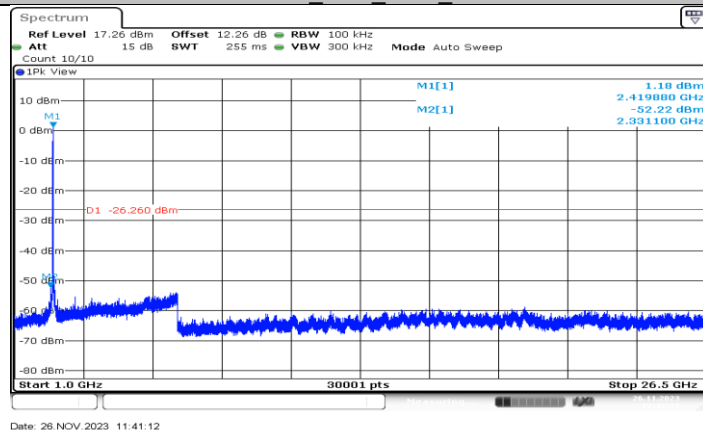
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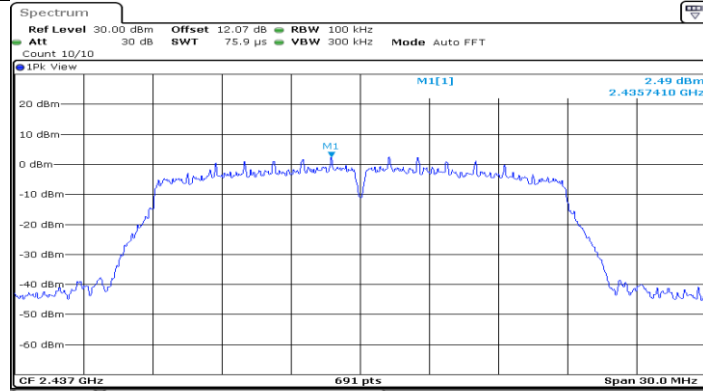
11N20MIMO_Ant2_2412_0~Reference



11N20MIMO_Ant2_2412_30~1000

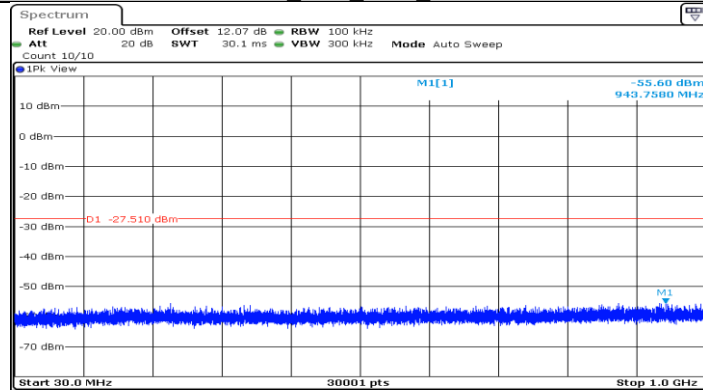


11N20MIMO_Ant2_2412_1000~26500



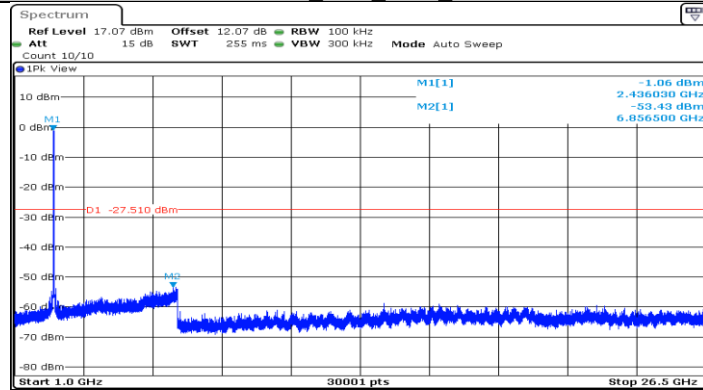
Date: 26 NOV 2023 11:42:24

11N20MIMO_Ant1_2437_0~Reference



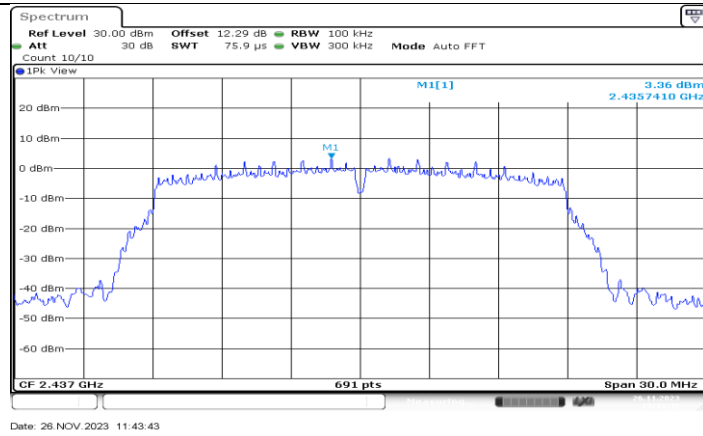
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11N20MIMO_Ant1_2437_30~1000

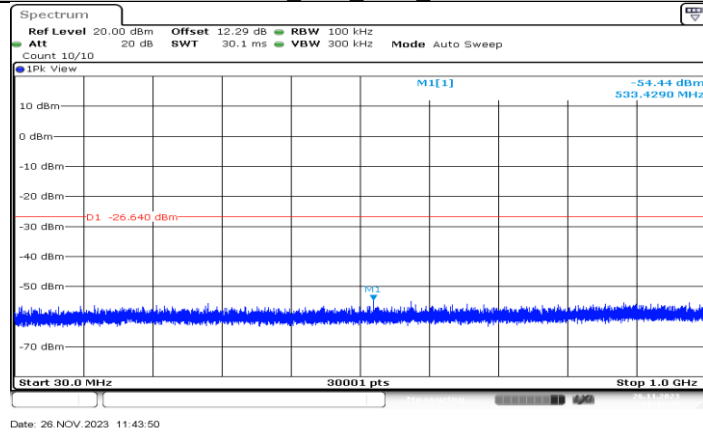


Date: 26 NOV 2023 11:42:52

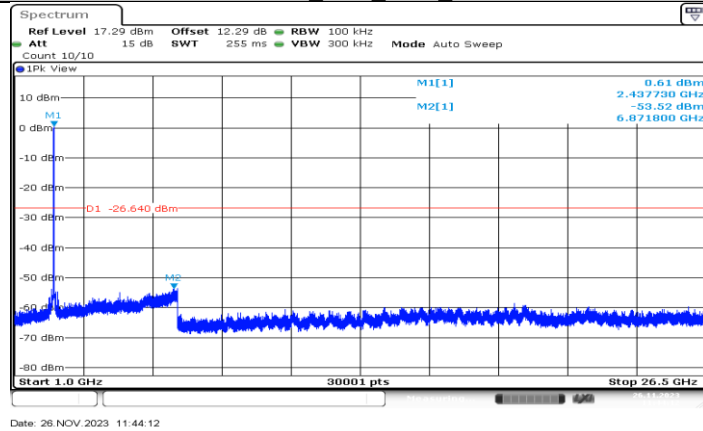
11N20MIMO_Ant1_2437_1000~26500



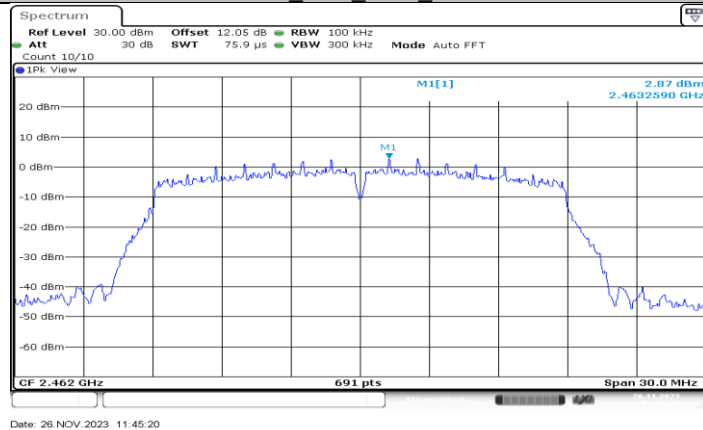
11N20MIMO_Ant2_2437_0~Reference



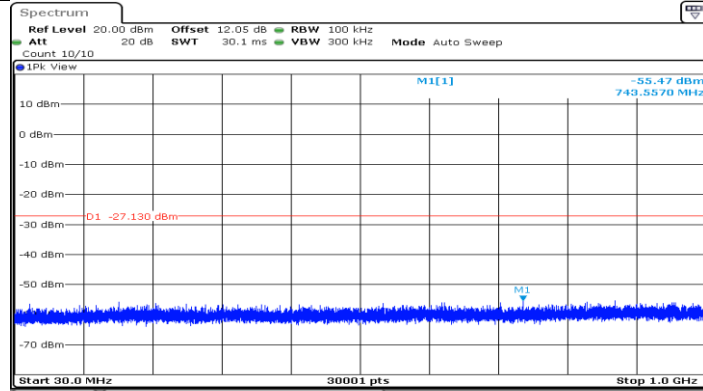
11N20MIMO_Ant2_2437_30~1000



11N20MIMO_Ant2_2437_1000~26500

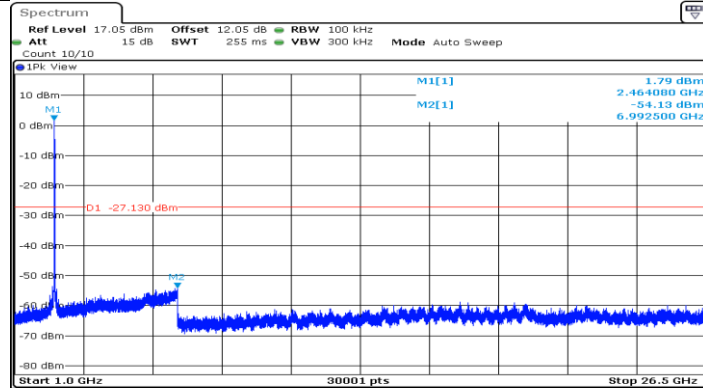


11N20MIMO_Ant1_2462_0~Reference



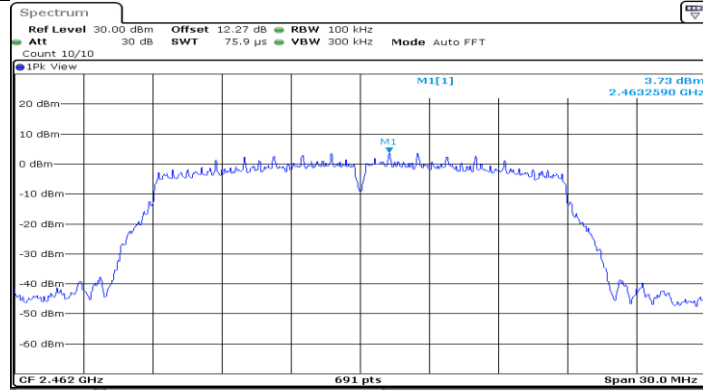
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11N20MIMO_Ant1_2462_30~1000



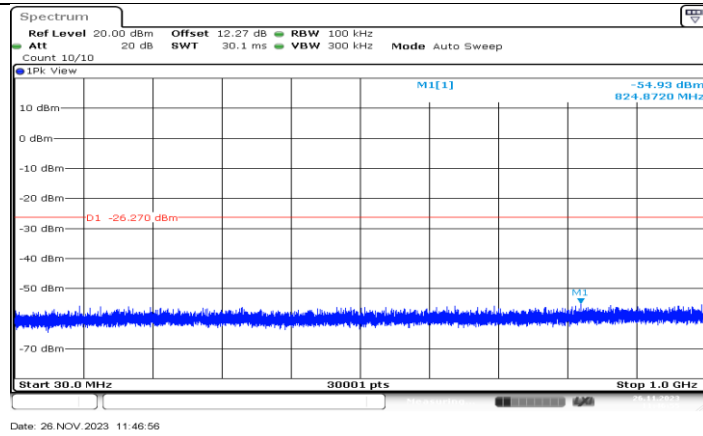
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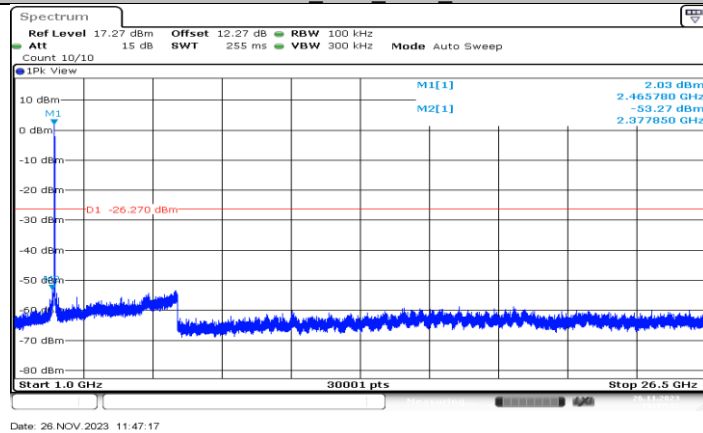


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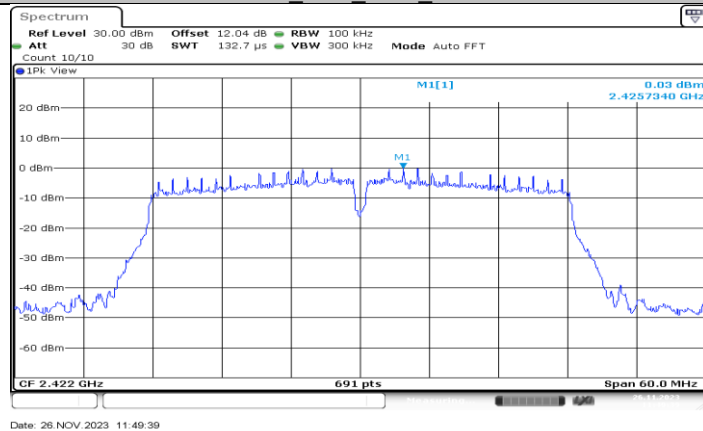
11N20MIMO_Ant2_2462_0~Reference



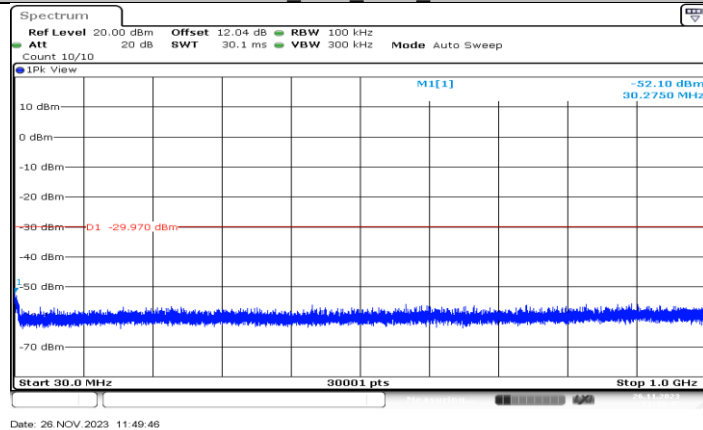
11N20MIMO Ant2 2462 30~1000

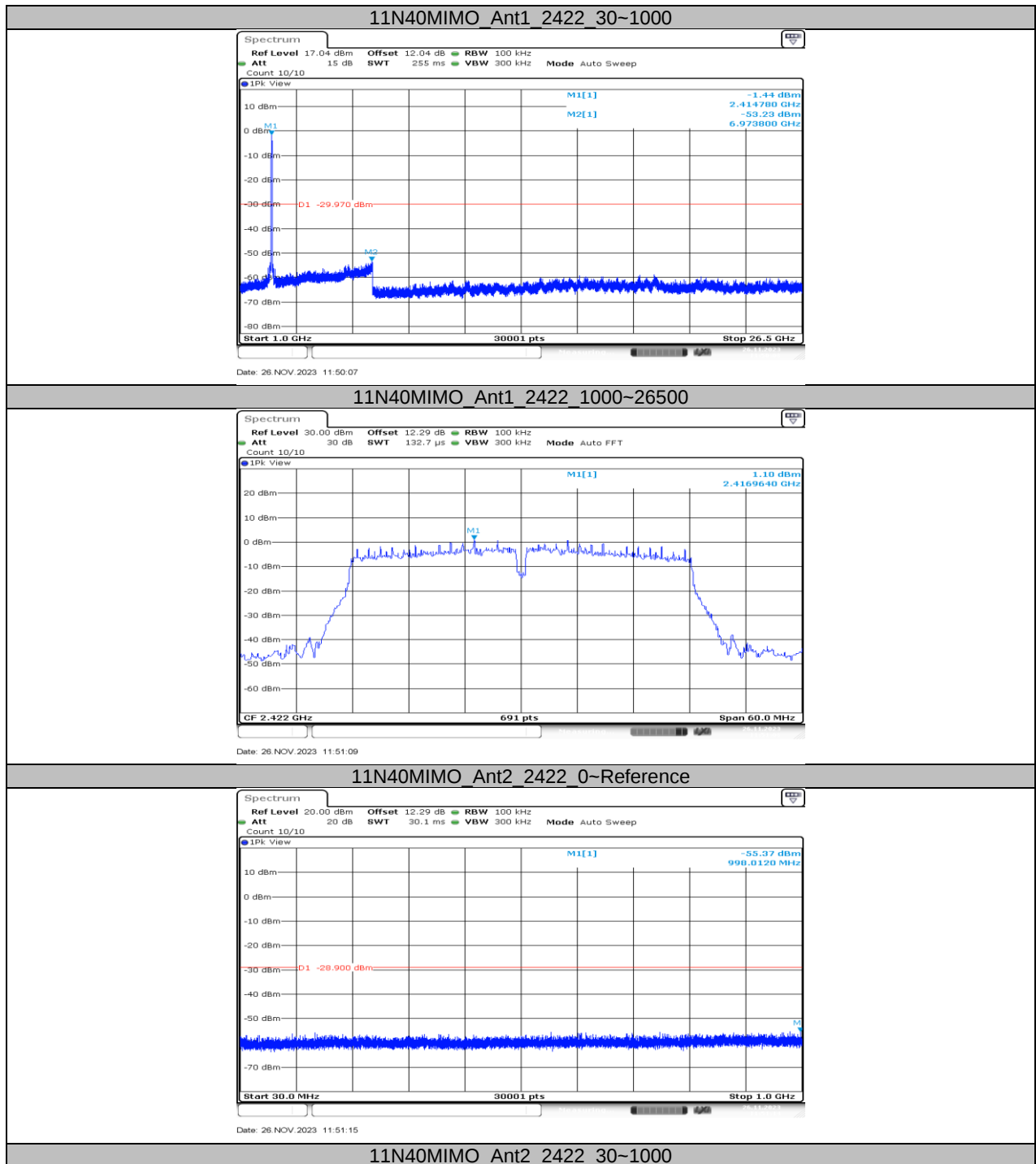


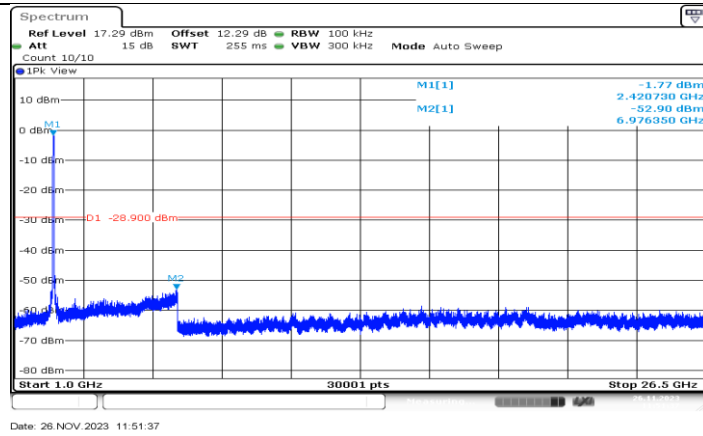
11N20MIMO Ant2 2462 1000~26500



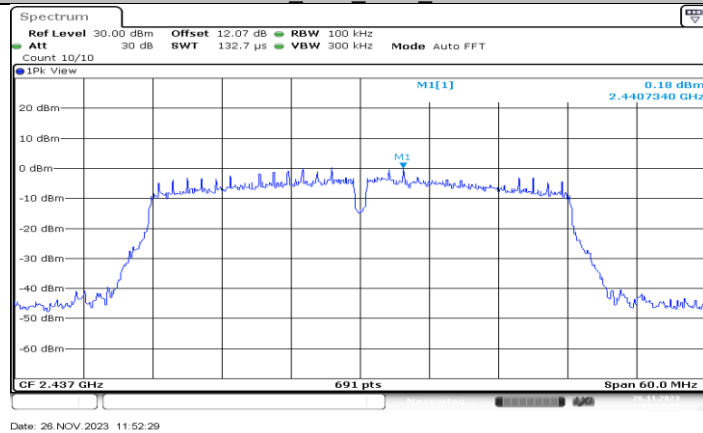
11N40MIMO Ant1 2422 0~Reference



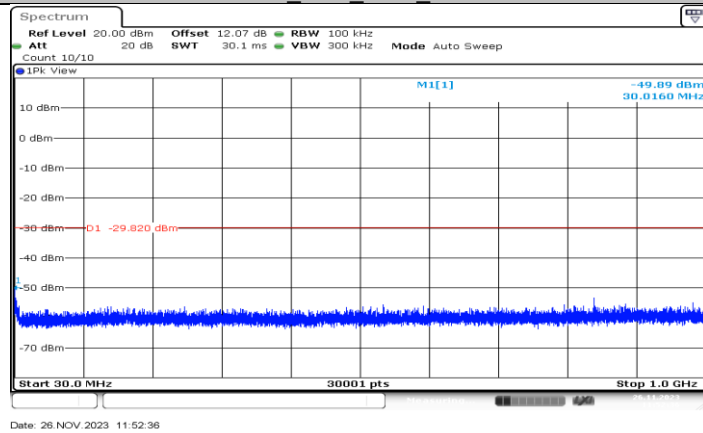




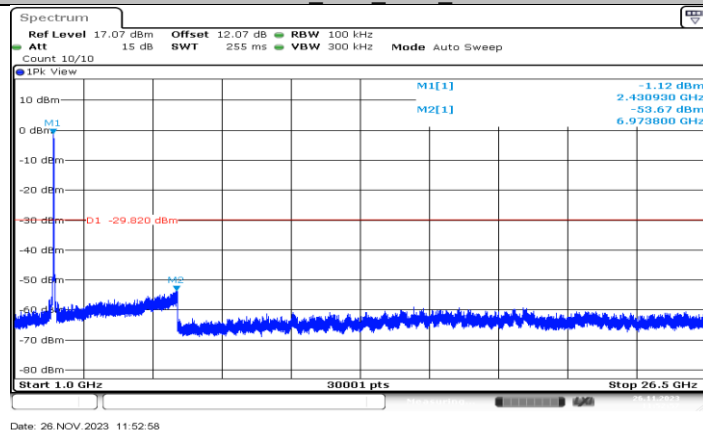
11N40MIMO_Ant2_2422_1000~26500



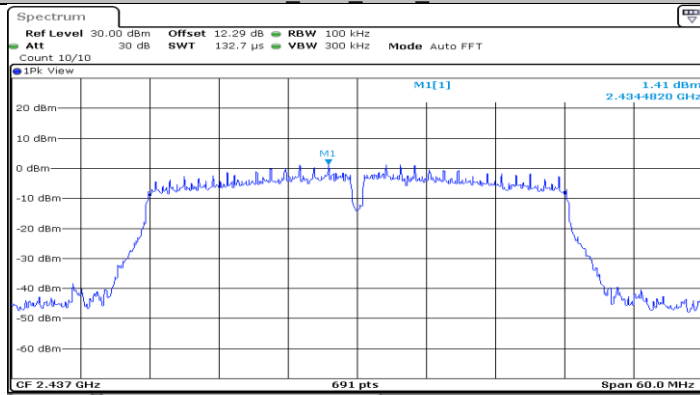
11N40MIMO_Ant1_2437_0~Reference



11N40MIMO_Ant1_2437_30~1000

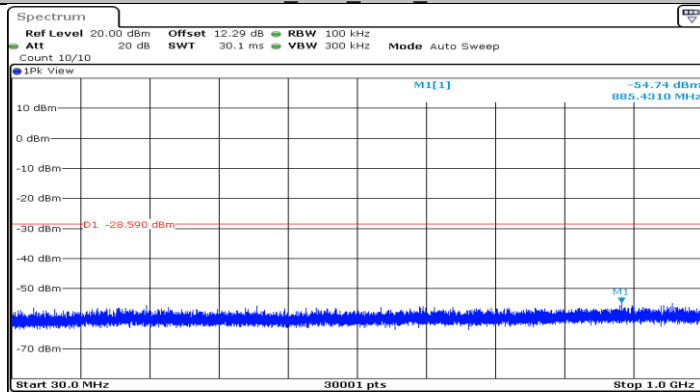


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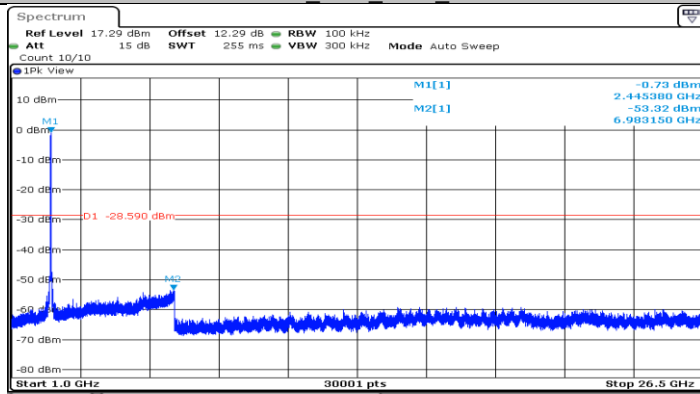
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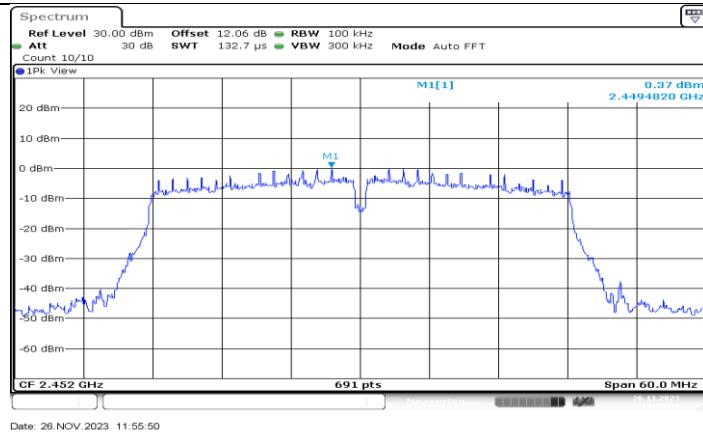
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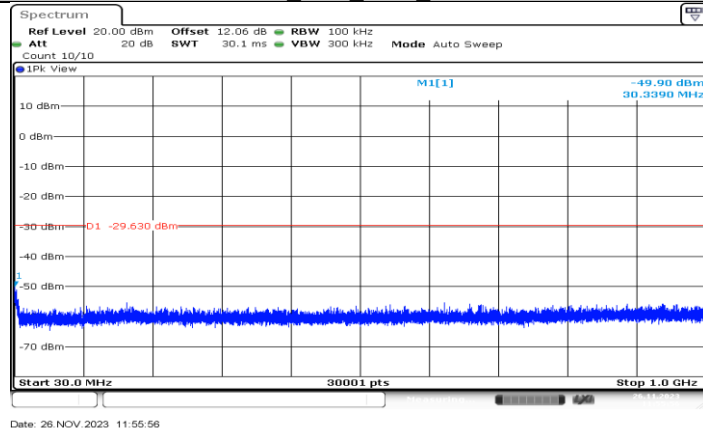


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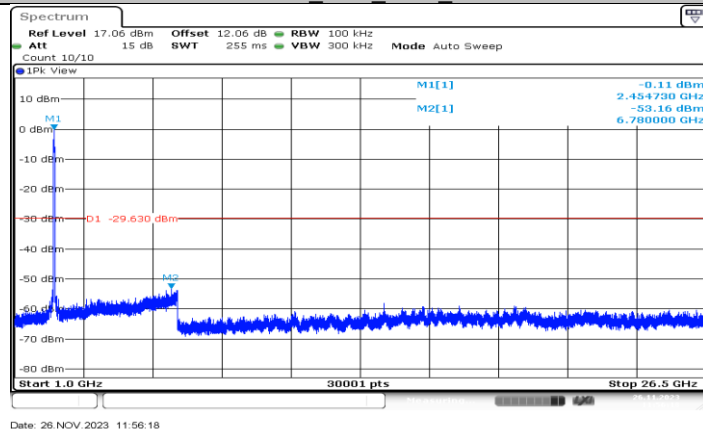
11N40MIMO_Ant2_2437_1000~26500



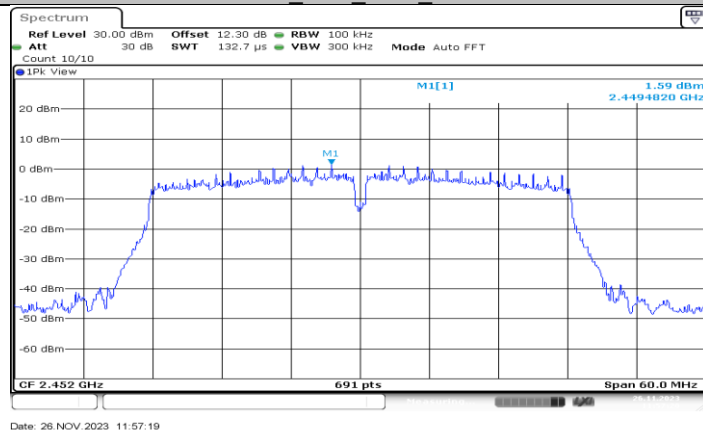
11N40MIMO Ant1_2452_0-Reference



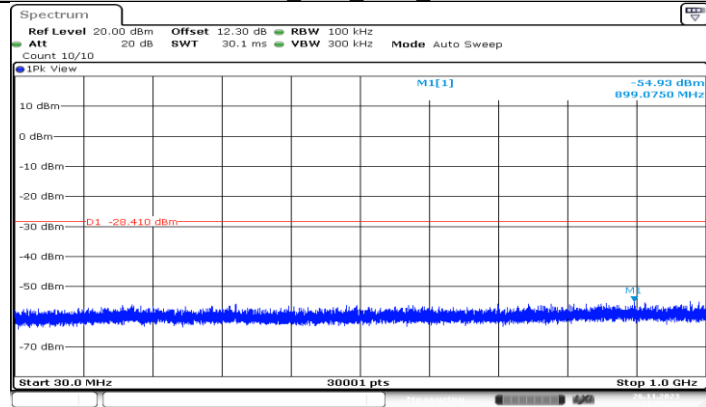
11N40MIMO Ant1_2452_30-1000



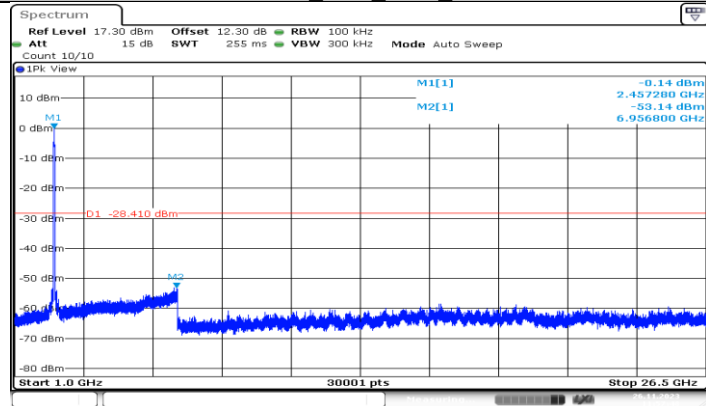
11N40MIMO Ant1_2452_1000-26500



11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500

11.7. APPENDIX G: DUTY CYCLE**11.7.1. Test Result**

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.36	8.39	0.9964	99.64	0.02	0.12	0.01
11G	1.38	1.43	0.9650	96.50	0.15	0.72	1
11N20MIMO	1.29	1.34	0.9627	96.27	0.17	0.78	1
11N40MIMO	0.65	0.69	0.9420	94.20	0.26	1.54	2

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

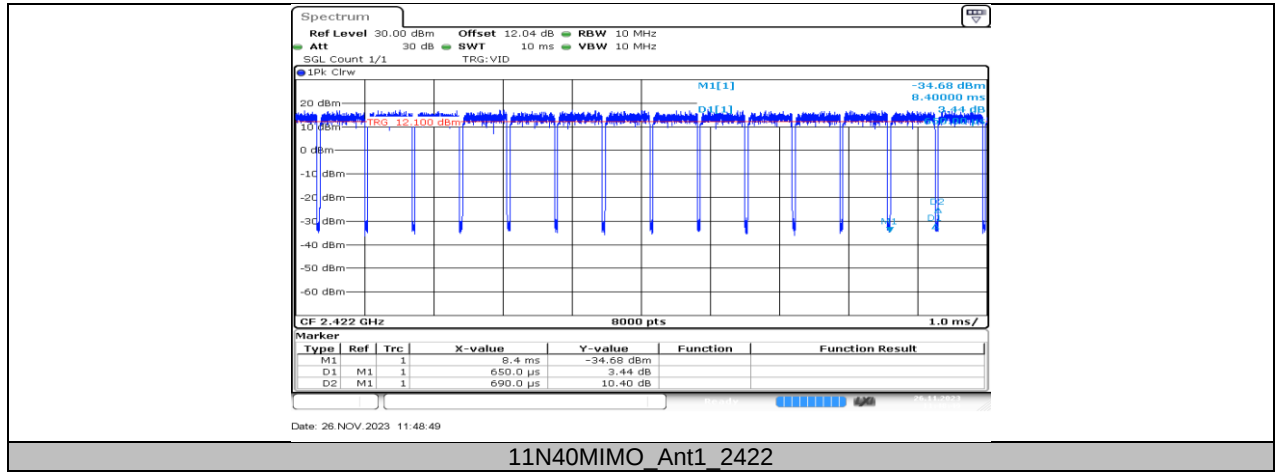
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs





END OF REPORT