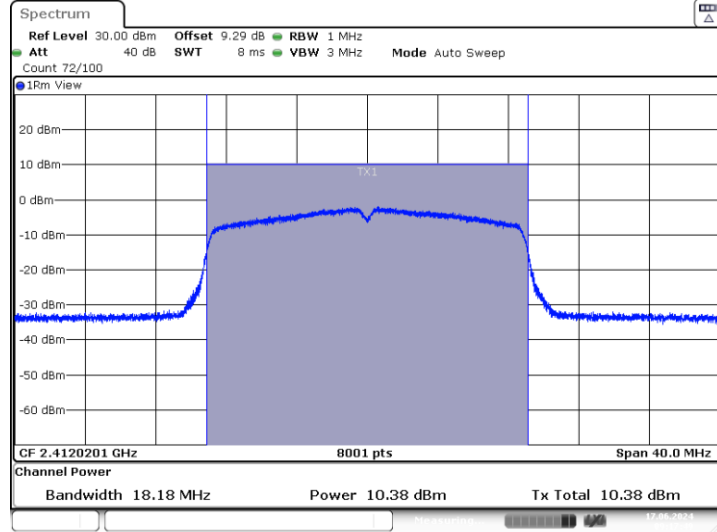
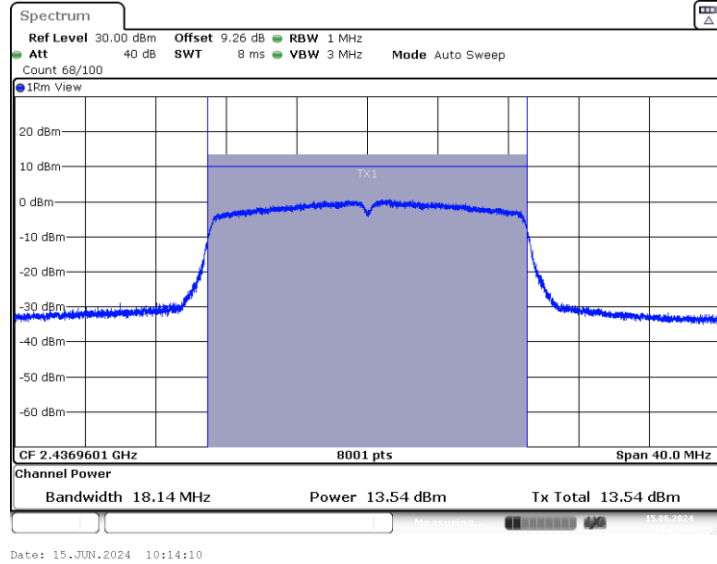


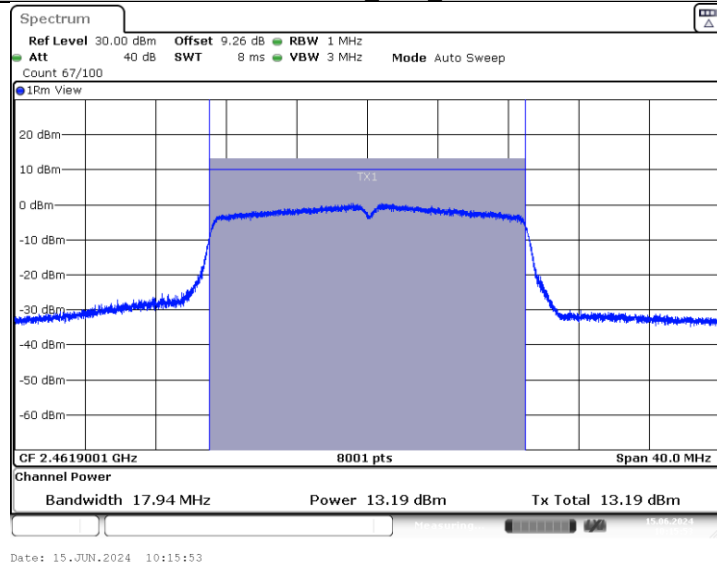
11N20SISO_Ant1_2412



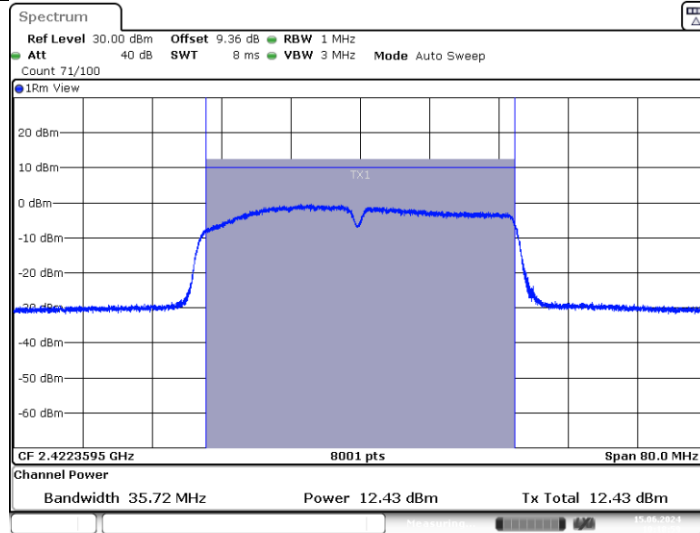
11N20SISO_Ant1_2437



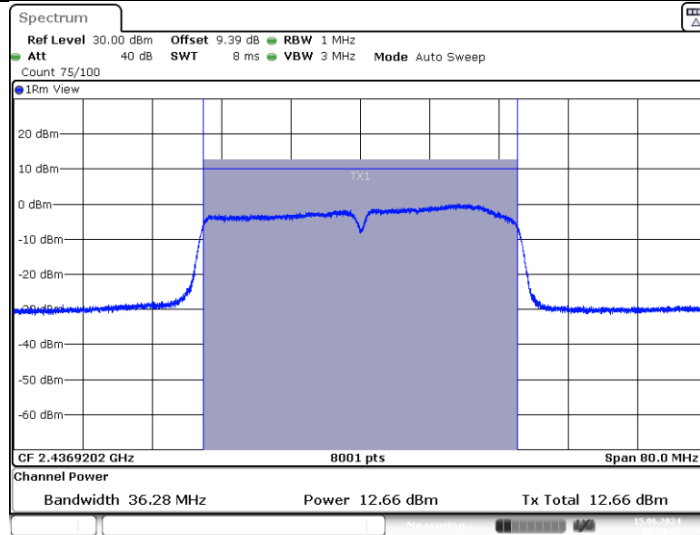
11N20SISO_Ant1_2462



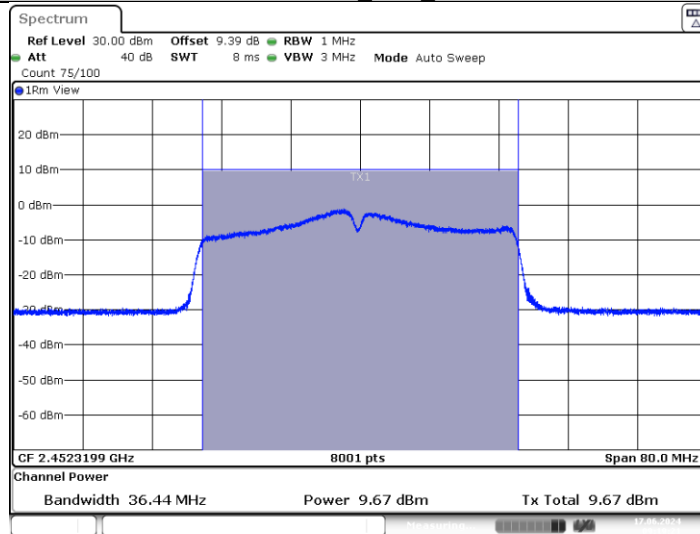
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



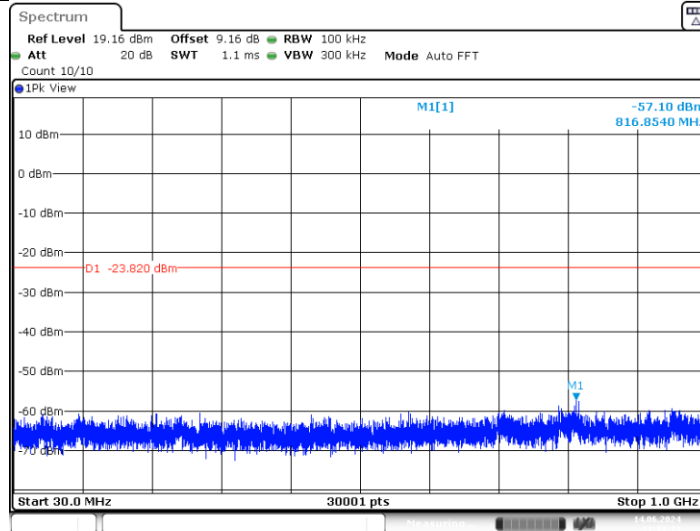
APPENDIXG - CONDUCTED SPURIOUS EMISSIONS

1. Conducted Spurious Emission

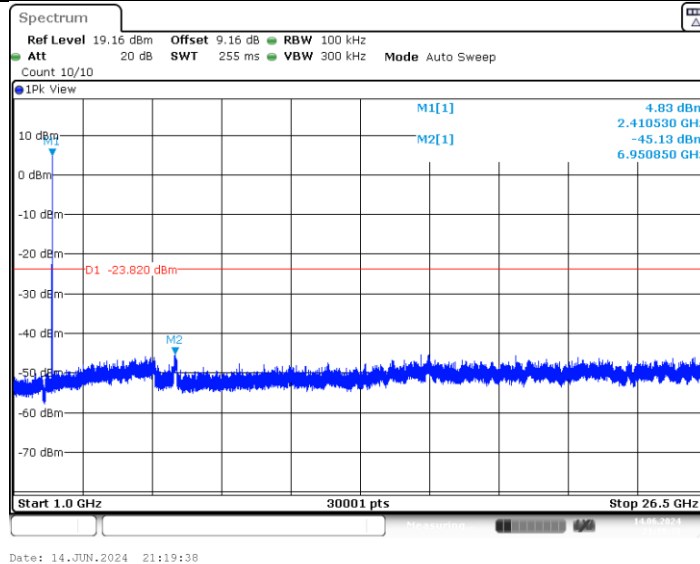
TestMode	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	30~1000	6.18	-57.1	≤-23.82	PASS
		1000~26500	6.18	-45.13	≤-23.82	PASS
	2437	30~1000	8.43	-58.51	≤-21.57	PASS
		1000~26500	8.43	-43.05	≤-21.57	PASS
	2462	30~1000	7.66	-58.25	≤-22.34	PASS
		1000~26500	7.66	-42.97	≤-22.34	PASS
11G	2412	30~1000	3.24	-58.77	≤-26.76	PASS
		1000~26500	3.24	-45.16	≤-26.76	PASS
	2437	30~1000	2.89	-58.65	≤-27.11	PASS
		1000~26500	2.89	-45.06	≤-27.11	PASS
	2462	30~1000	2.69	-58.08	≤-27.31	PASS
		1000~26500	2.69	-45.23	≤-27.31	PASS
11N20SISO	2412	30~1000	2.59	-58.06	≤-27.41	PASS
		1000~26500	2.59	-45.58	≤-27.41	PASS
	2437	30~1000	3.17	-58.16	≤-26.83	PASS
		1000~26500	3.17	-45.35	≤-26.83	PASS
	2462	30~1000	2.84	-58.7	≤-27.16	PASS
		1000~26500	2.84	-44.97	≤-27.16	PASS
11N40SISO	2422	30~1000	-0.24	-58.43	≤-30.24	PASS
		1000~26500	-0.24	-43.79	≤-30.24	PASS
	2437	30~1000	0.27	-56.77	≤-29.73	PASS
		1000~26500	0.27	-45.47	≤-29.73	PASS
	2452	30~1000	2.00	-57.55	≤-28	PASS
		1000~26500	2.00	-45.41	≤-28	PASS

Test Graphs

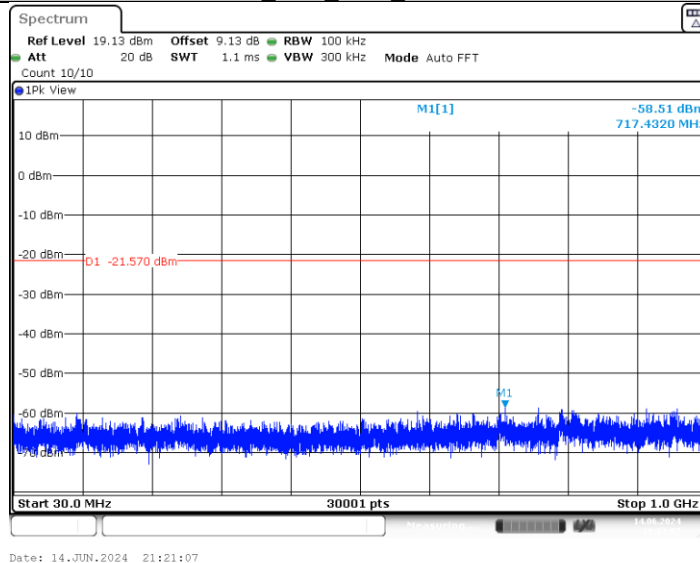
11B_Ant1_2412_30~1000



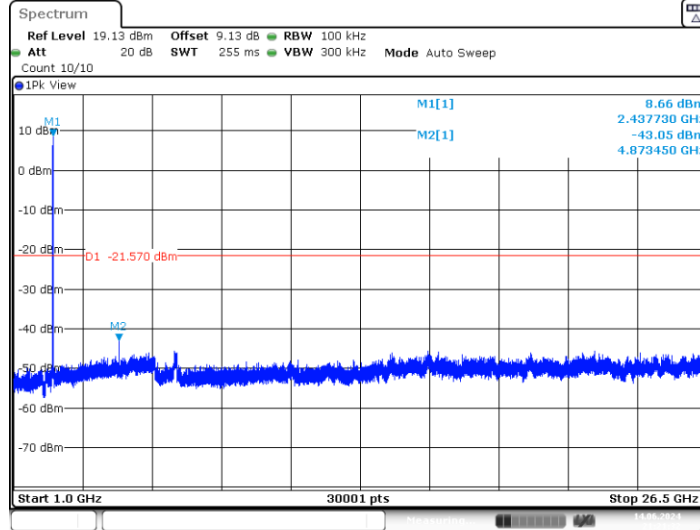
11B_Ant1_2412_1000~26500



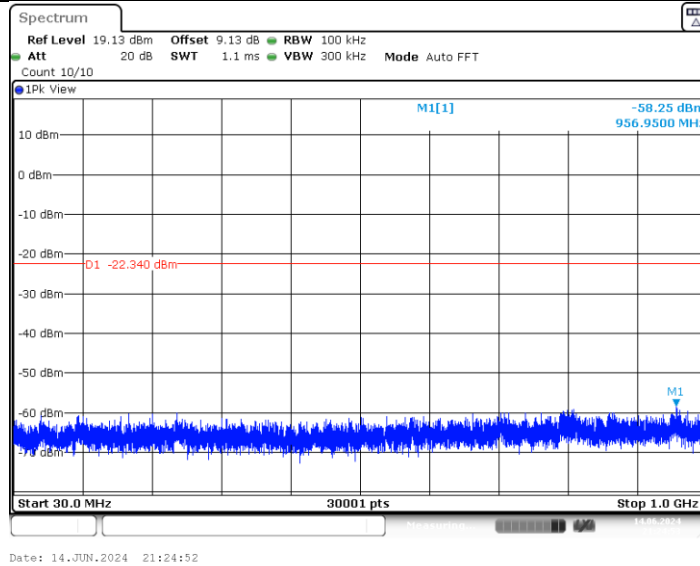
11B_Ant1_2437_30~1000



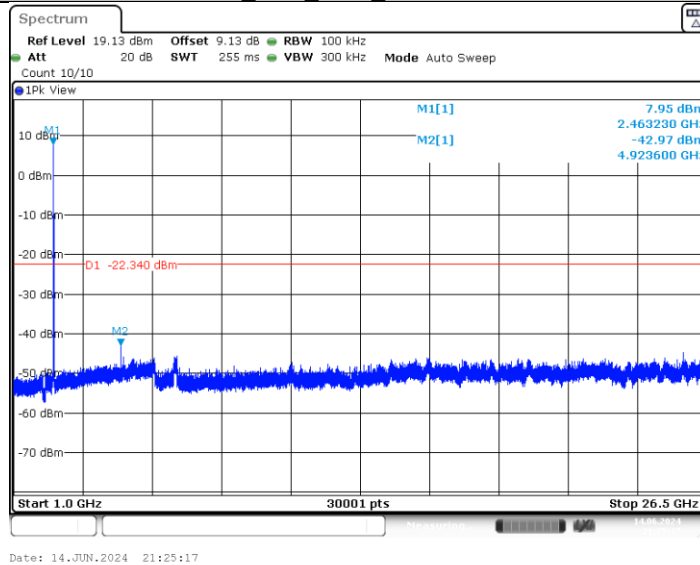
11B_Ant1_2437_1000~26500



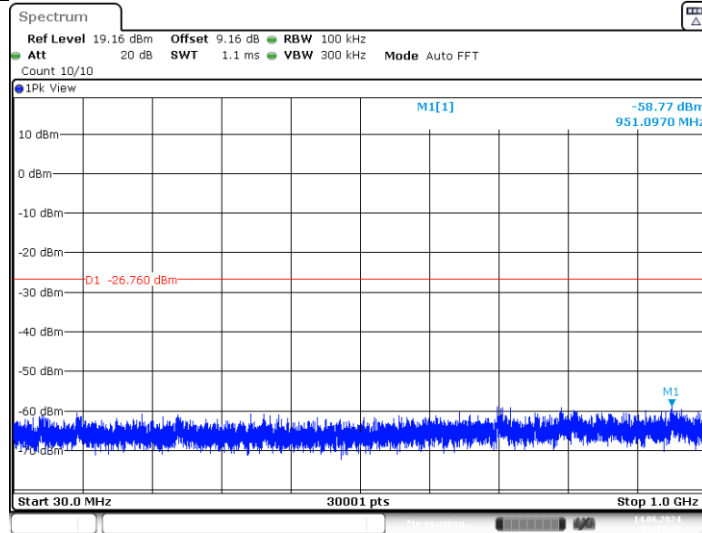
11B_Ant1_2462_30~1000



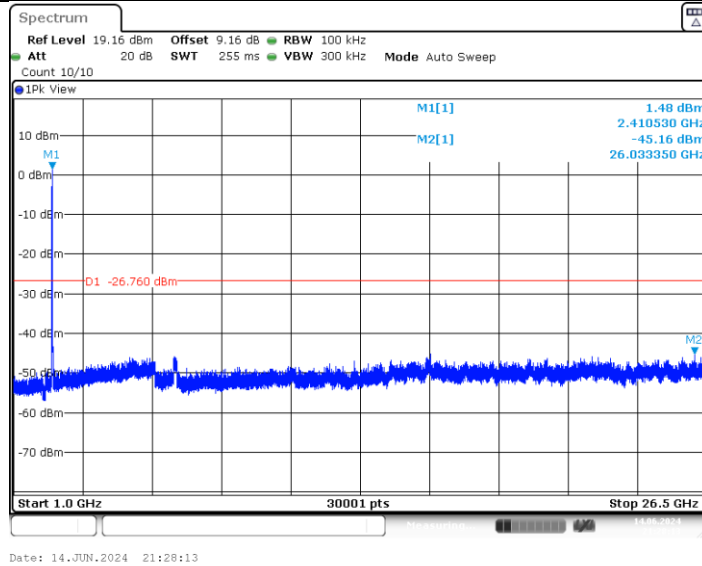
11B_Ant1_2462_1000~26500



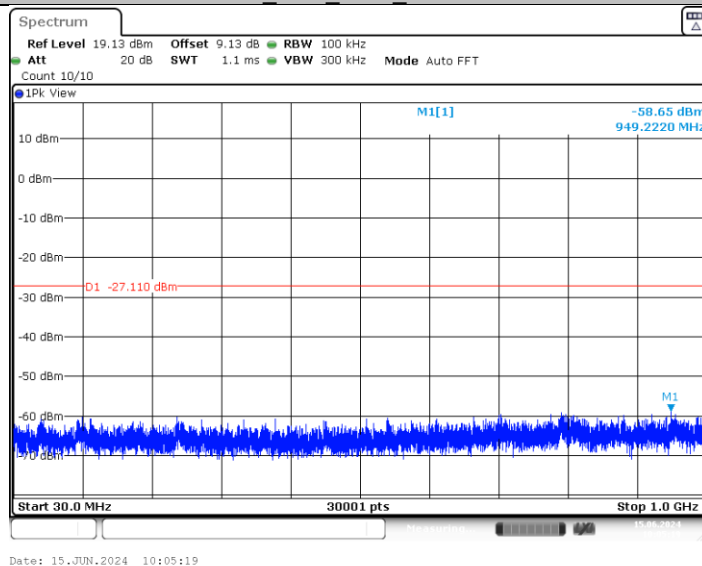
11G_Ant1_2412_30~1000



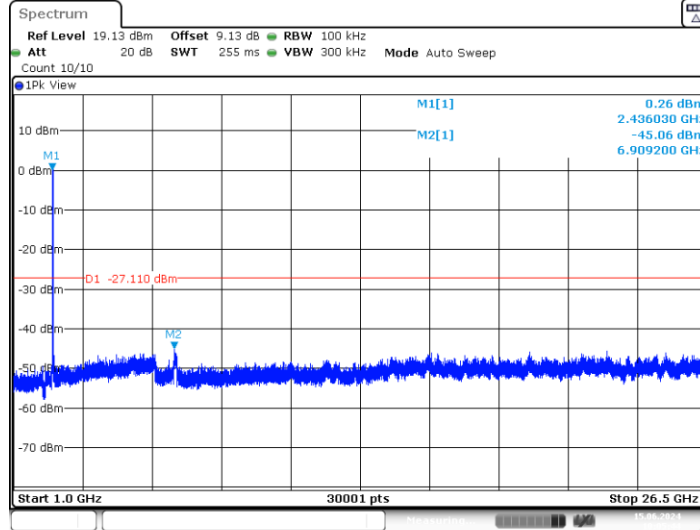
11G_Ant1_2412_1000~26500



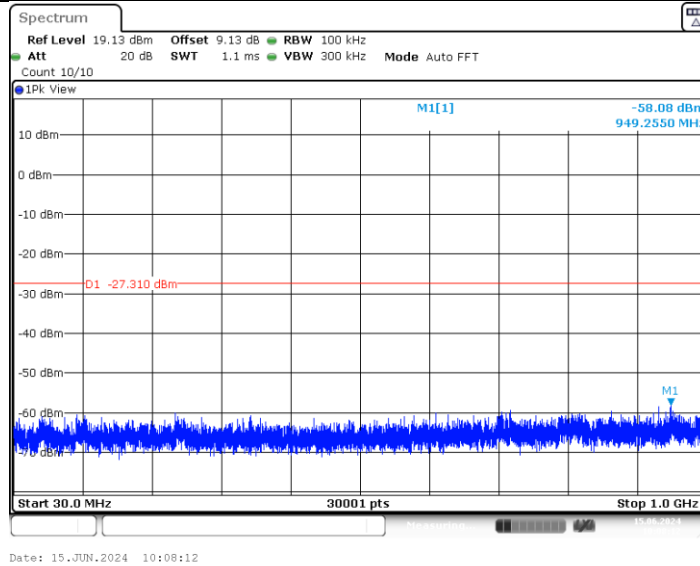
11G_Ant1_2437_30~1000



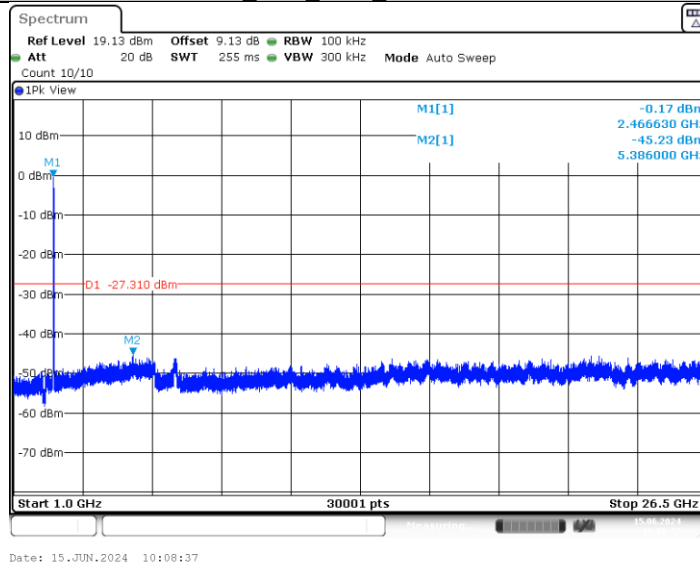
11G_Ant1_2437_1000~26500



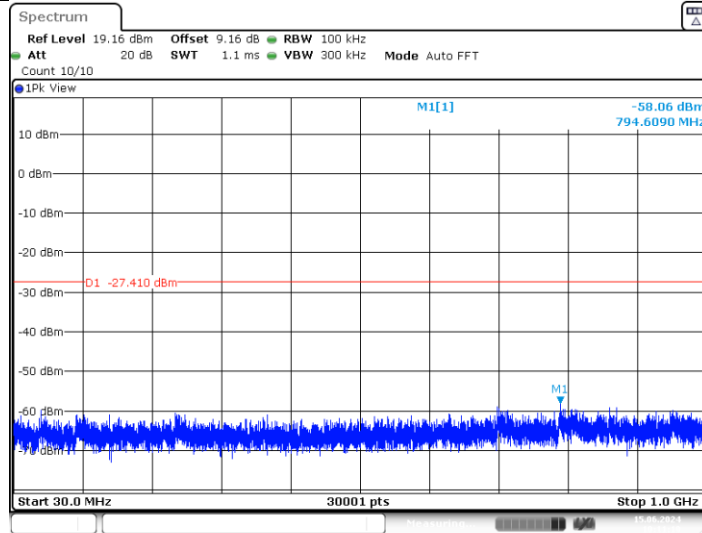
11G_Ant1_2462_30~1000



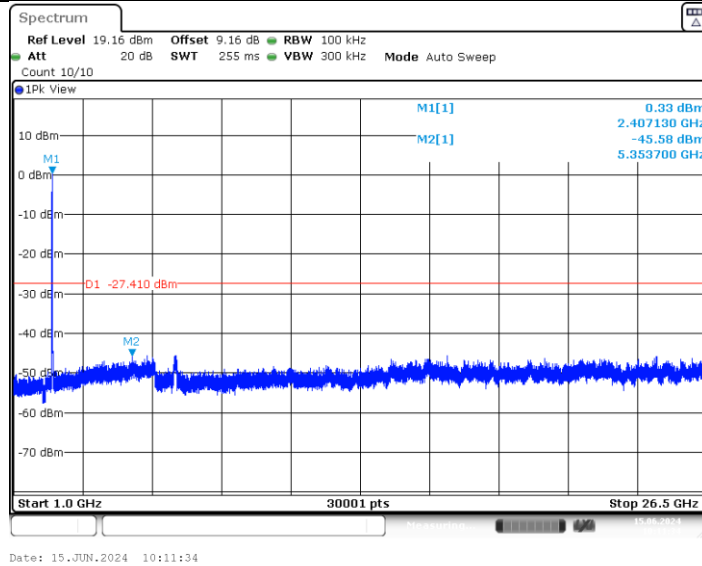
11G_Ant1_2462_1000~26500



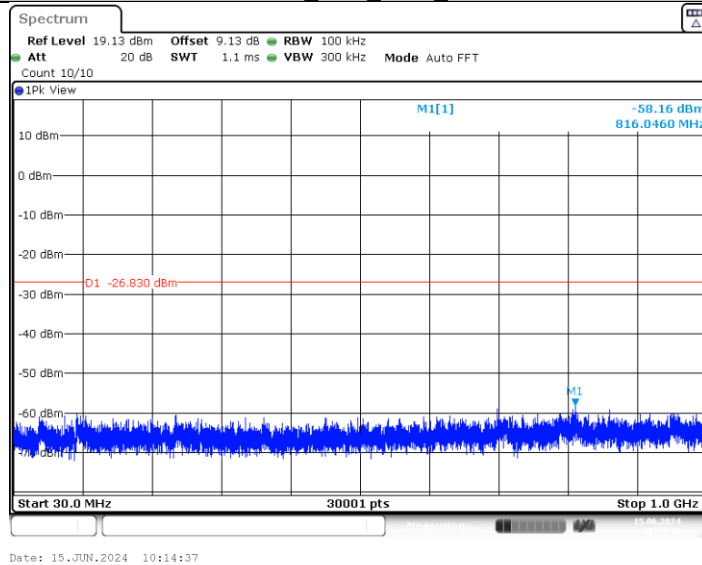
11N20SISO_Ant1_2412_30~1000



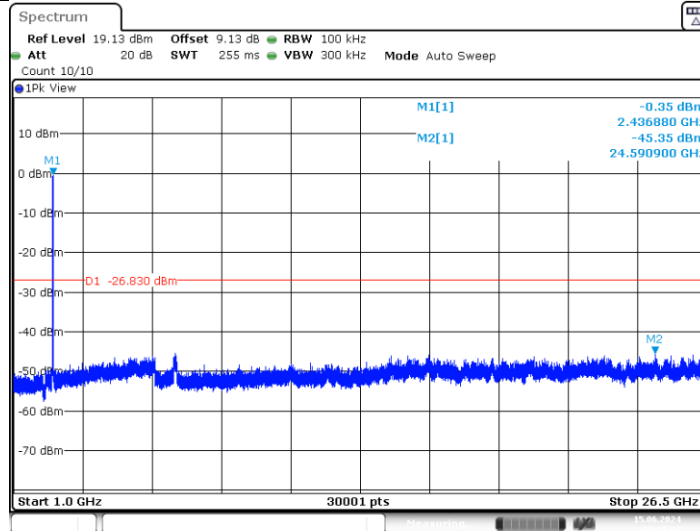
11N20SISO_Ant1_2412_1000~26500



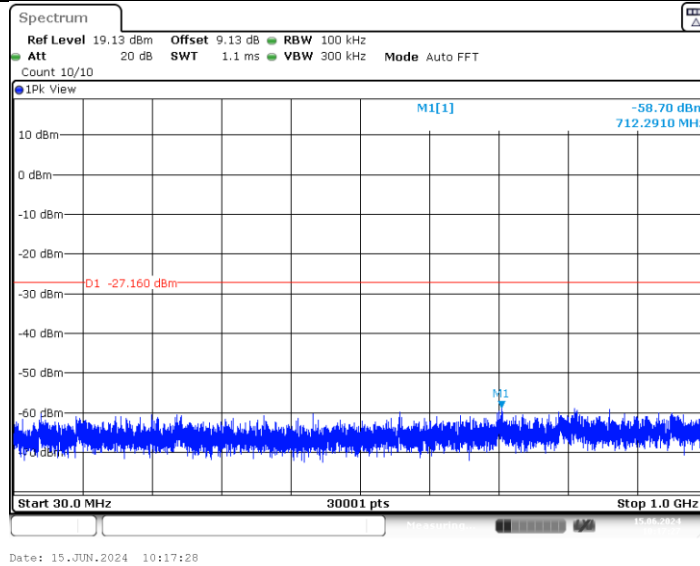
11N20SISO_Ant1_2437_30~1000



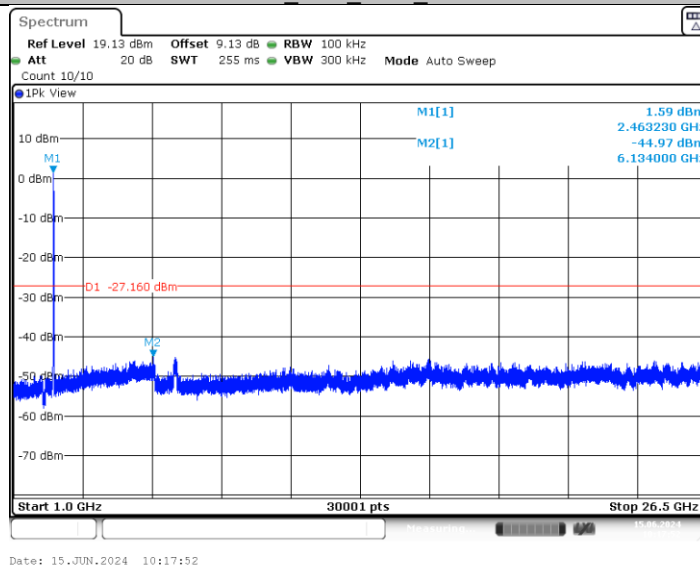
11N20SISO_Ant1_2437_1000~26500



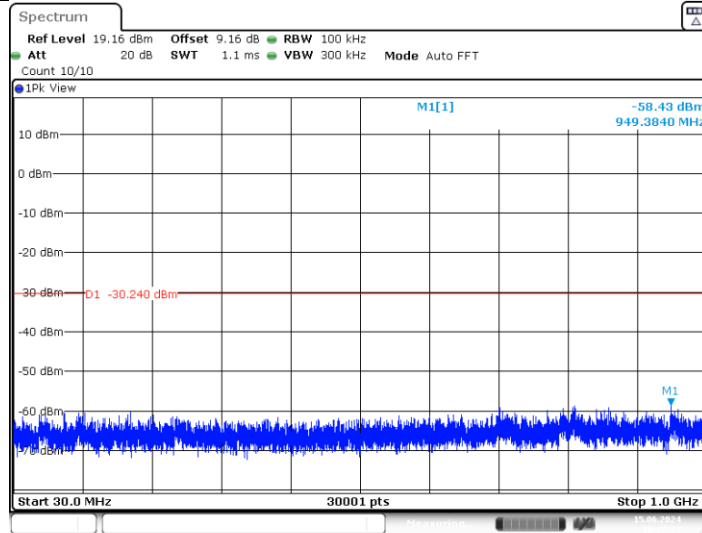
11N20SISO_Ant1_2462_30~1000



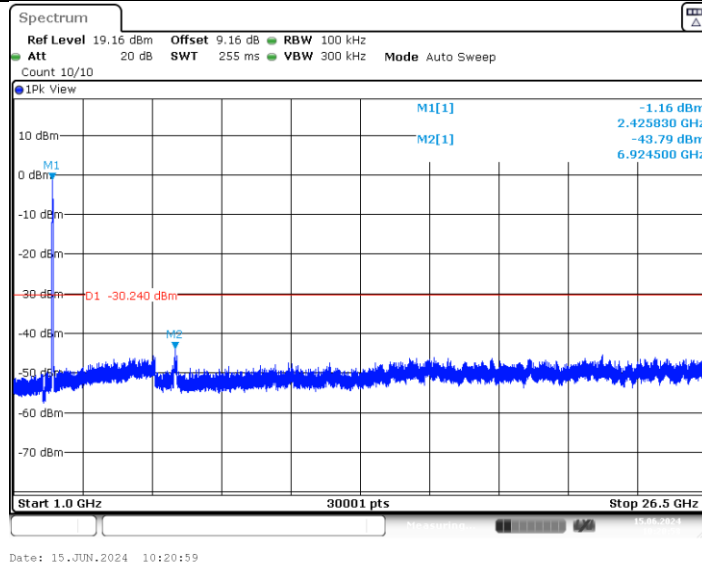
11N20SISO_Ant1_2462_1000~26500



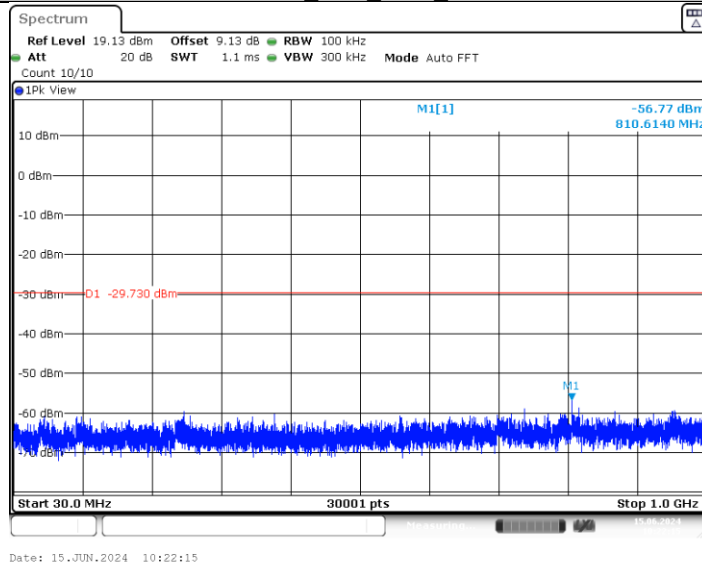
11N40SISO_Ant1_2422_30~1000



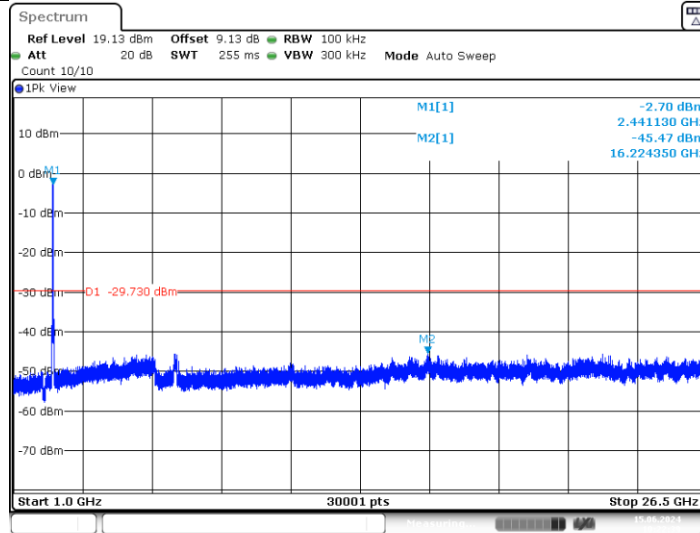
11N40SISO_Ant1_2422_1000~26500



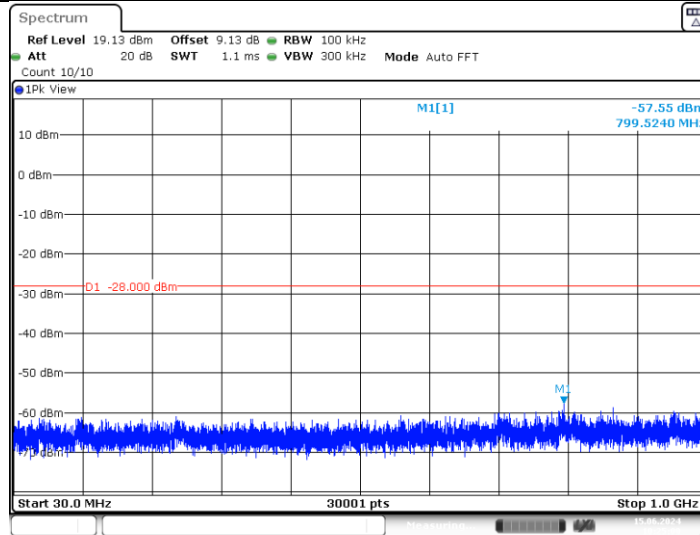
11N40SISO_Ant1_2437_30~1000



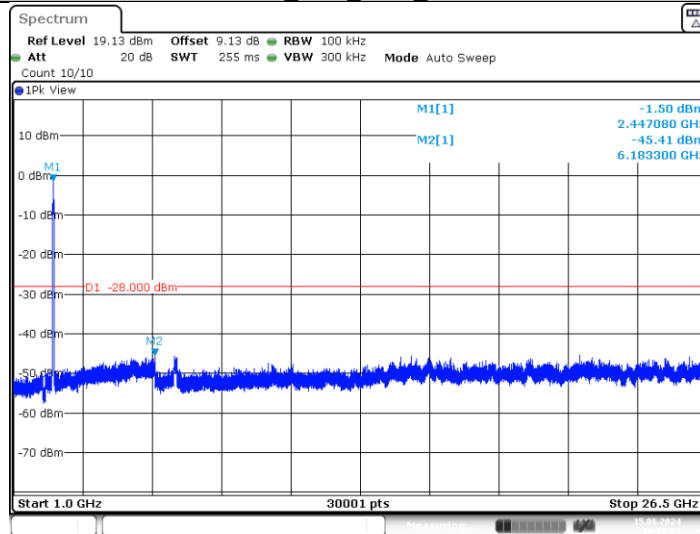
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

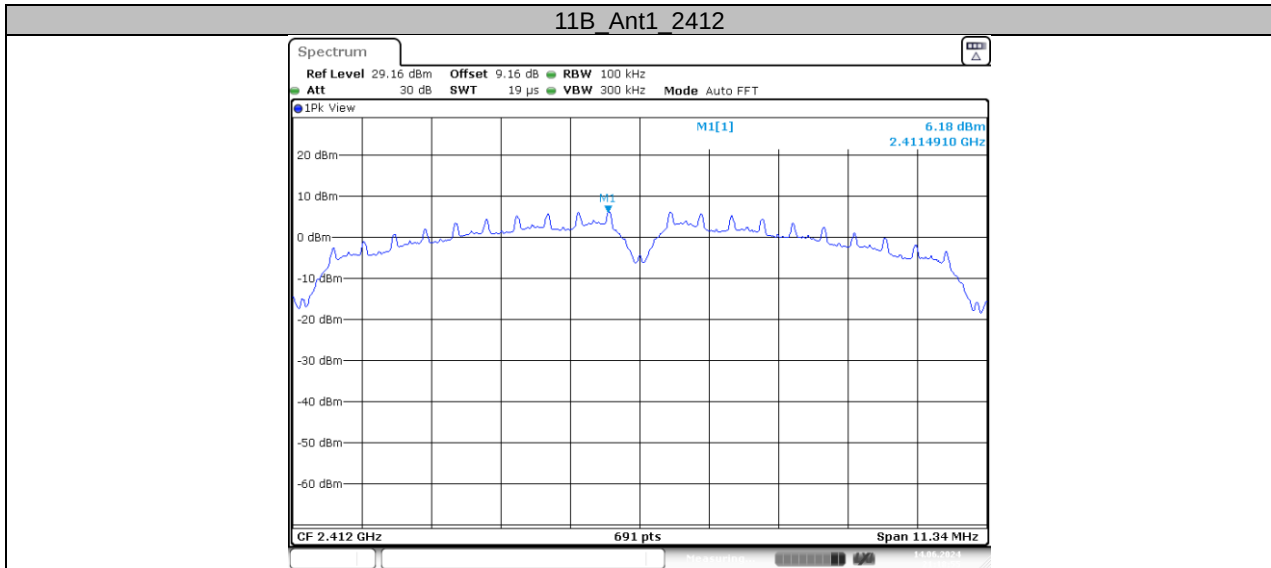


2. Band edge measurements

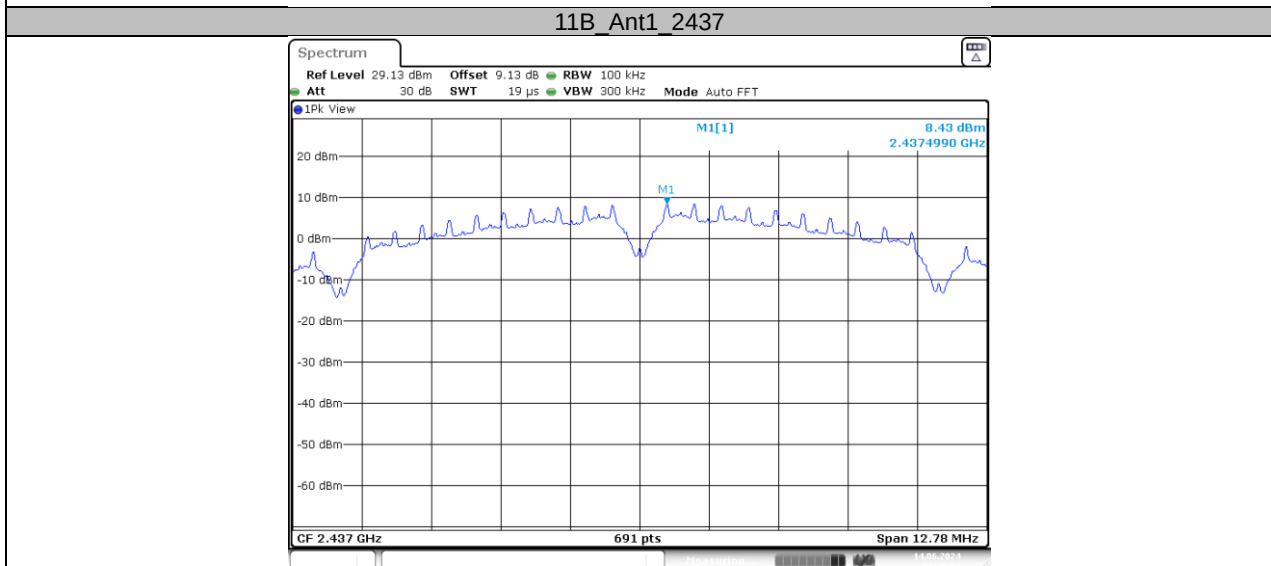
Reference level measurement

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.49	6.18
		2437	2437.50	8.43
		2462	2461.49	7.66
11G	Ant1	2412	2410.74	3.24
		2437	2435.72	2.89
		2462	2460.73	2.69
11N20SISO	Ant1	2412	2410.73	2.59
		2437	2438.26	3.17
		2462	2463.26	2.84
11N40SISO	Ant1	2422	2416.96	-0.24
		2437	2449.50	0.27
		2452	2449.46	2.00

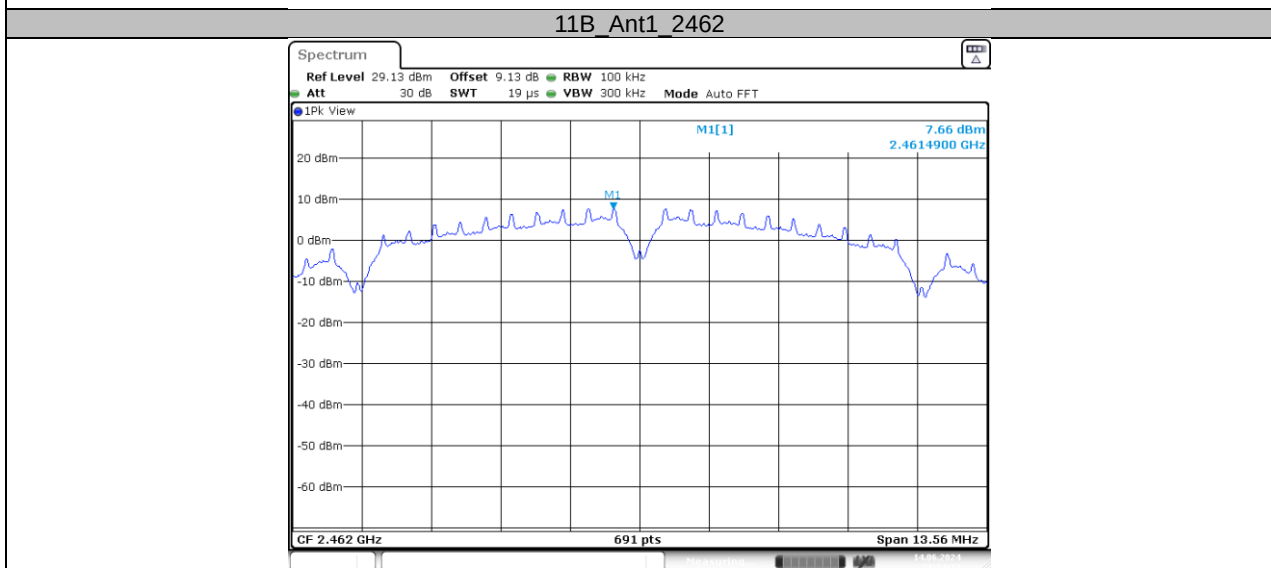
TEST GRAPHS



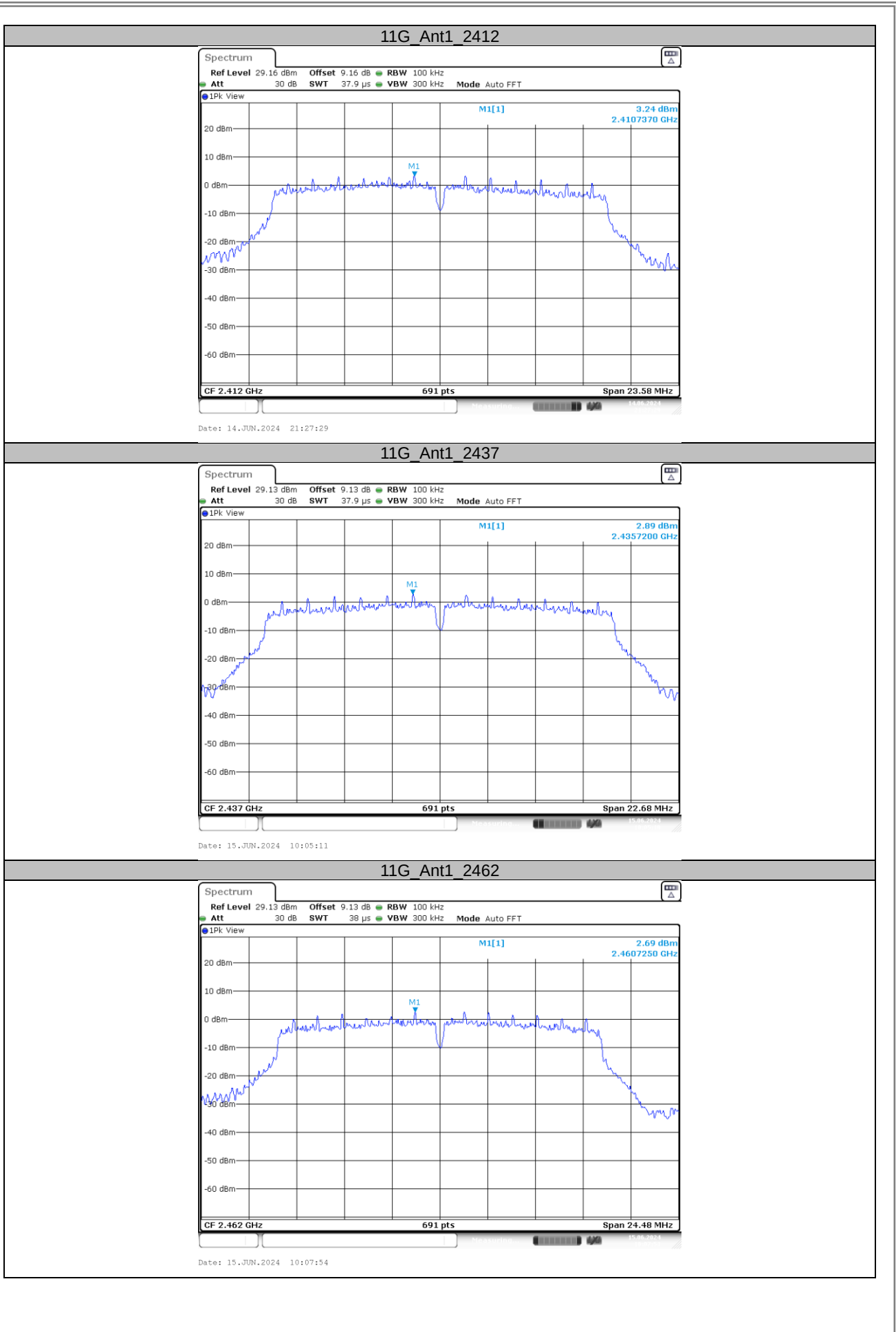
Date: 14.JUN.2024 21:18:55



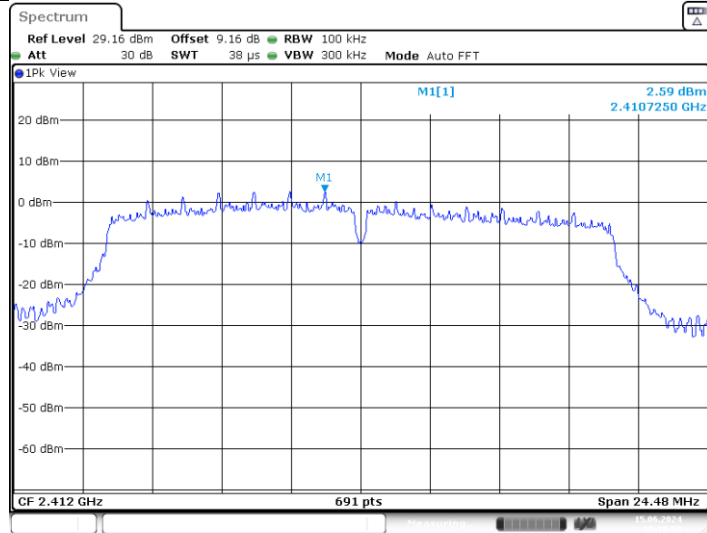
Date: 14.JUN.2024 21:20:59



Date: 14.JUN.2024 21:24:34

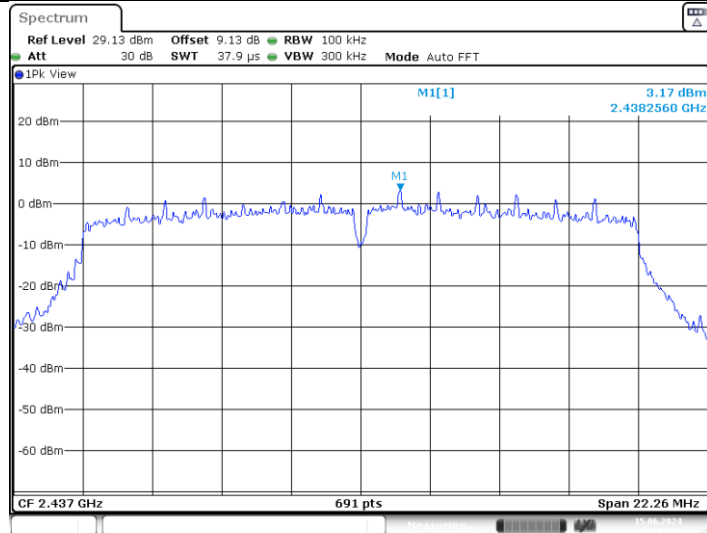


11N20SISO_Ant1_2412



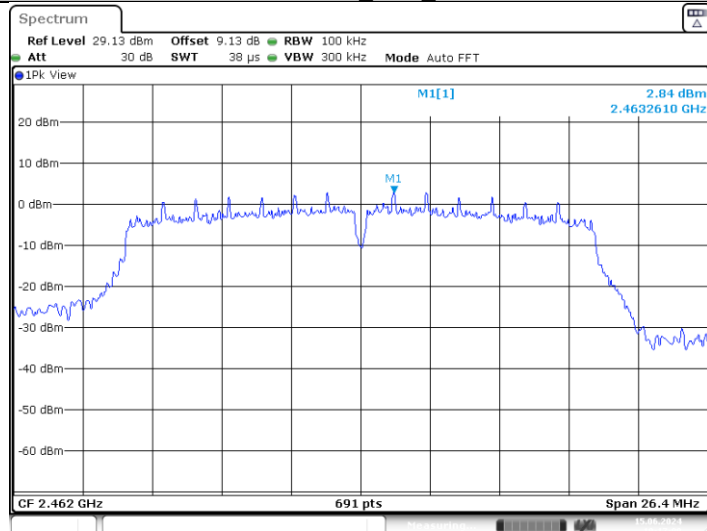
Date: 15.JUN.2024 10:10:50

11N20SISO_Ant1_2437



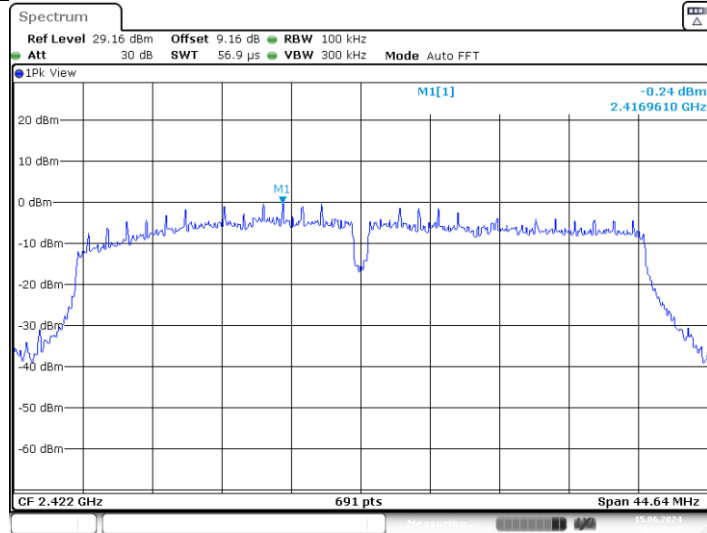
Date: 15.JUN.2024 10:14:29

11N20SISO_Ant1_2462



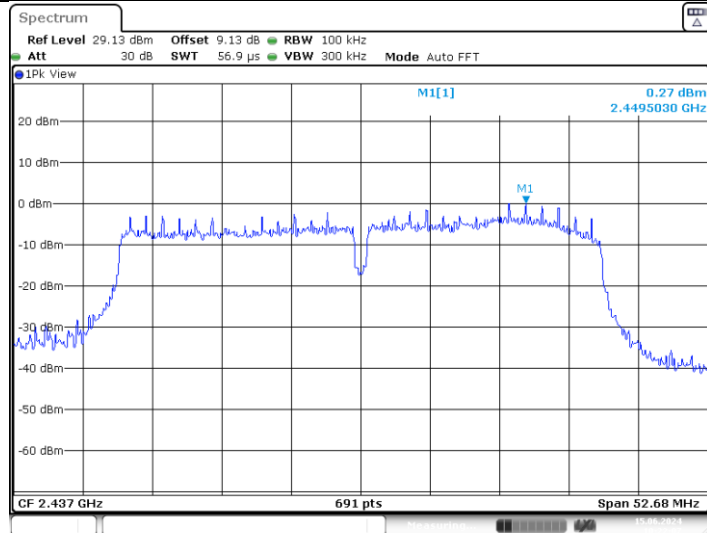
Date: 15.JUN.2024 10:17:09

11N40SISO_Ant1_2422



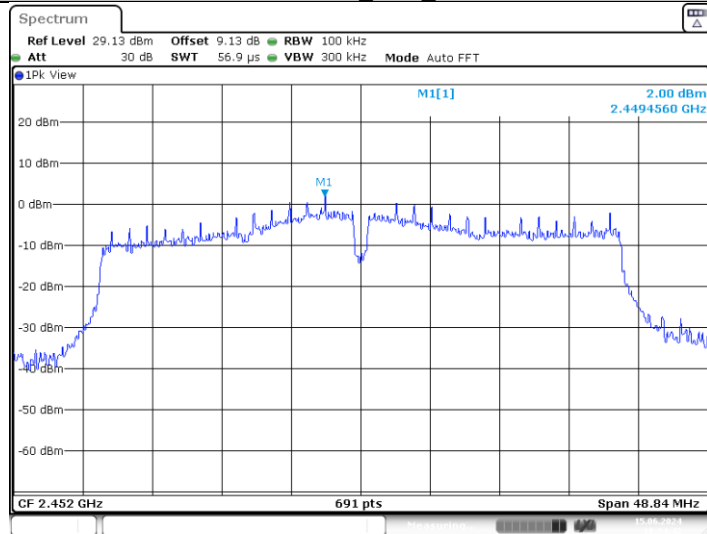
Date: 15.JUN.2024 10:20:15

11N40SISO_Ant1_2437



Date: 15.JUN.2024 10:22:07

11N40SISO_Ant1_2452



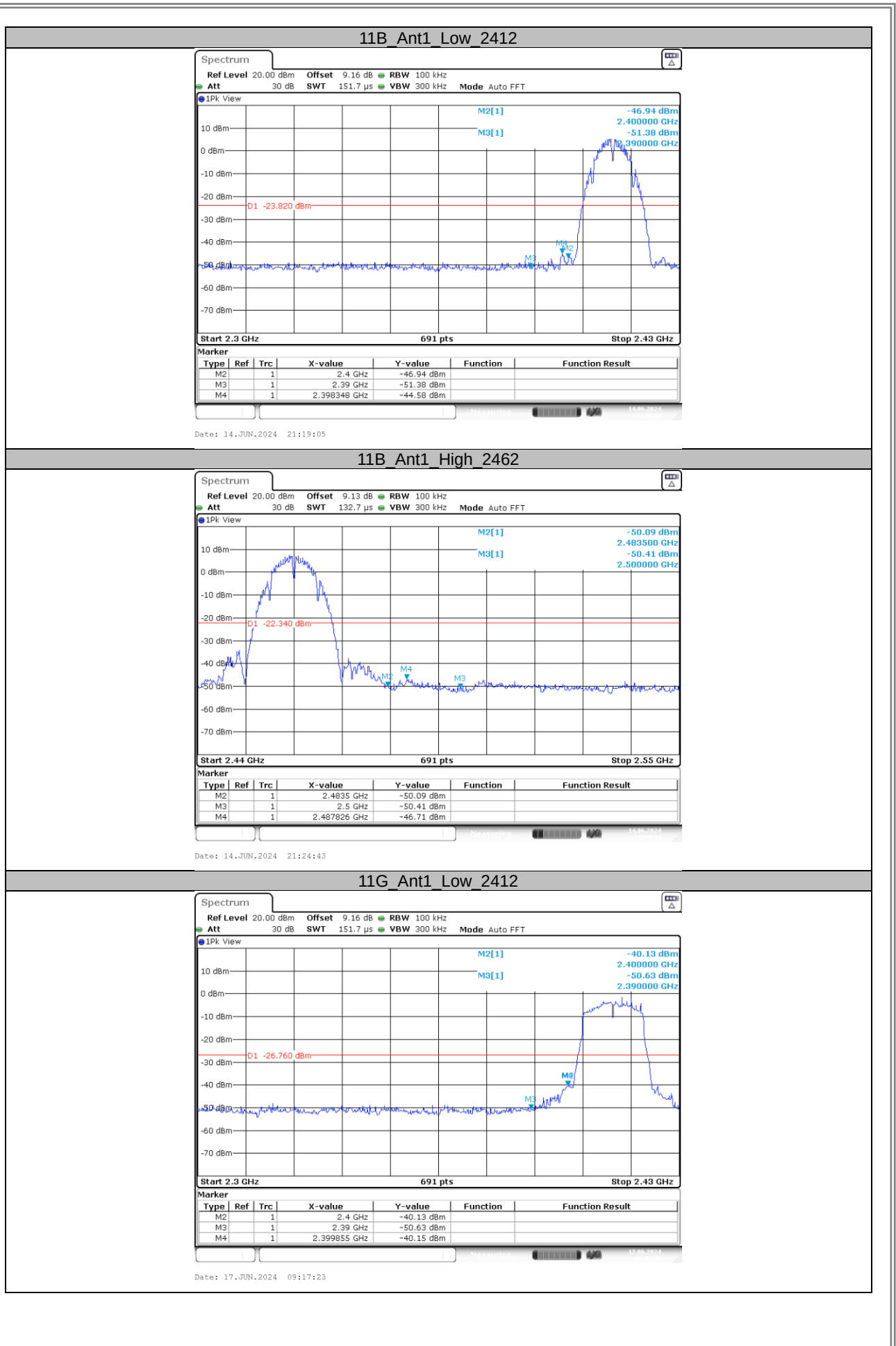
Date: 15.JUN.2024 10:24:42

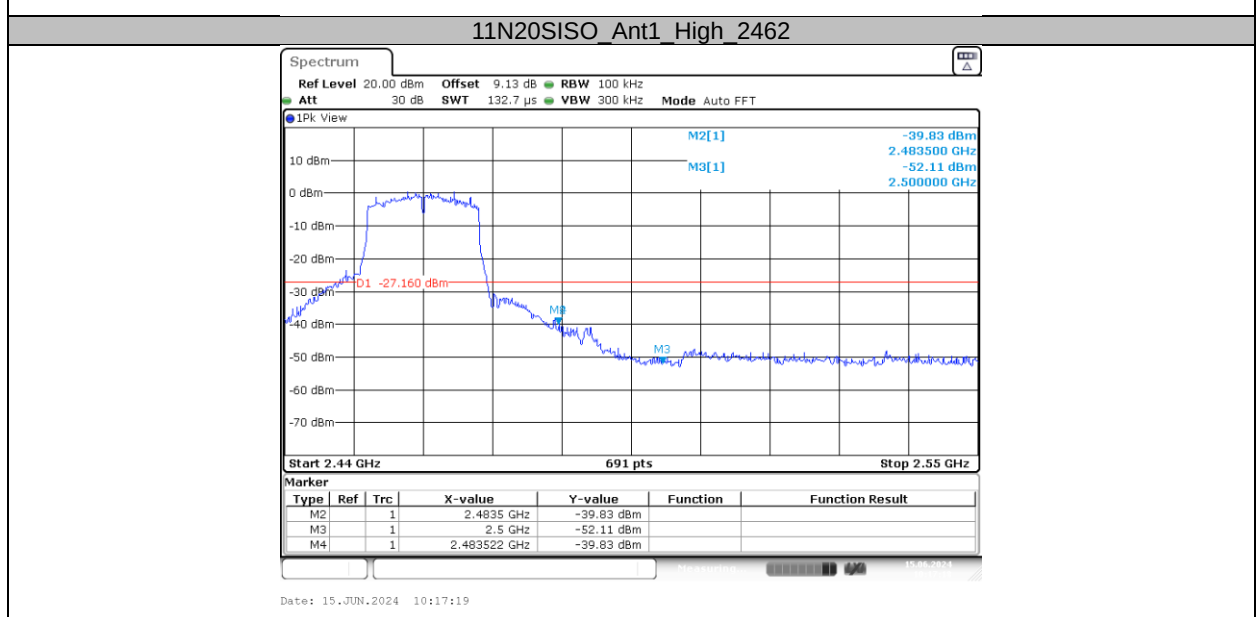
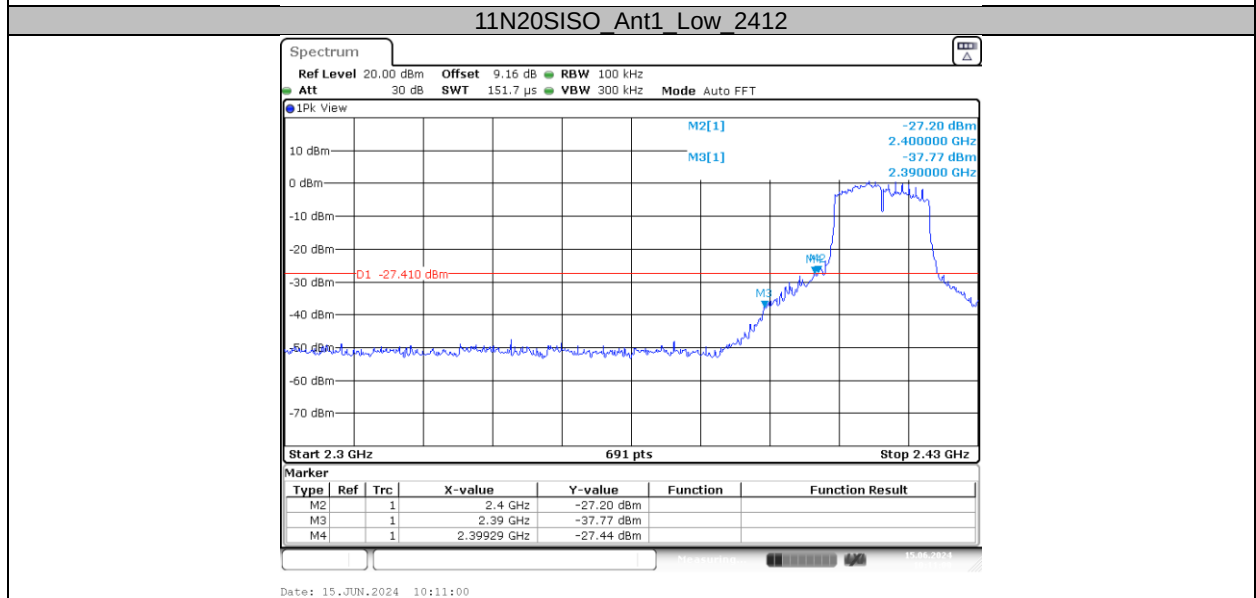
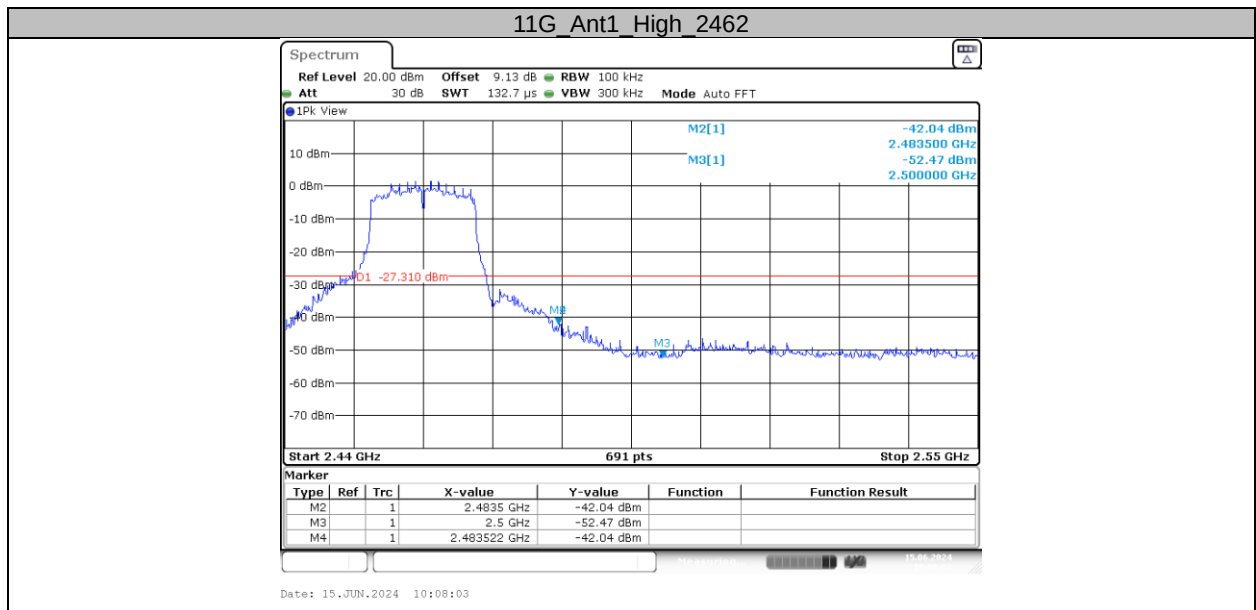
Note:

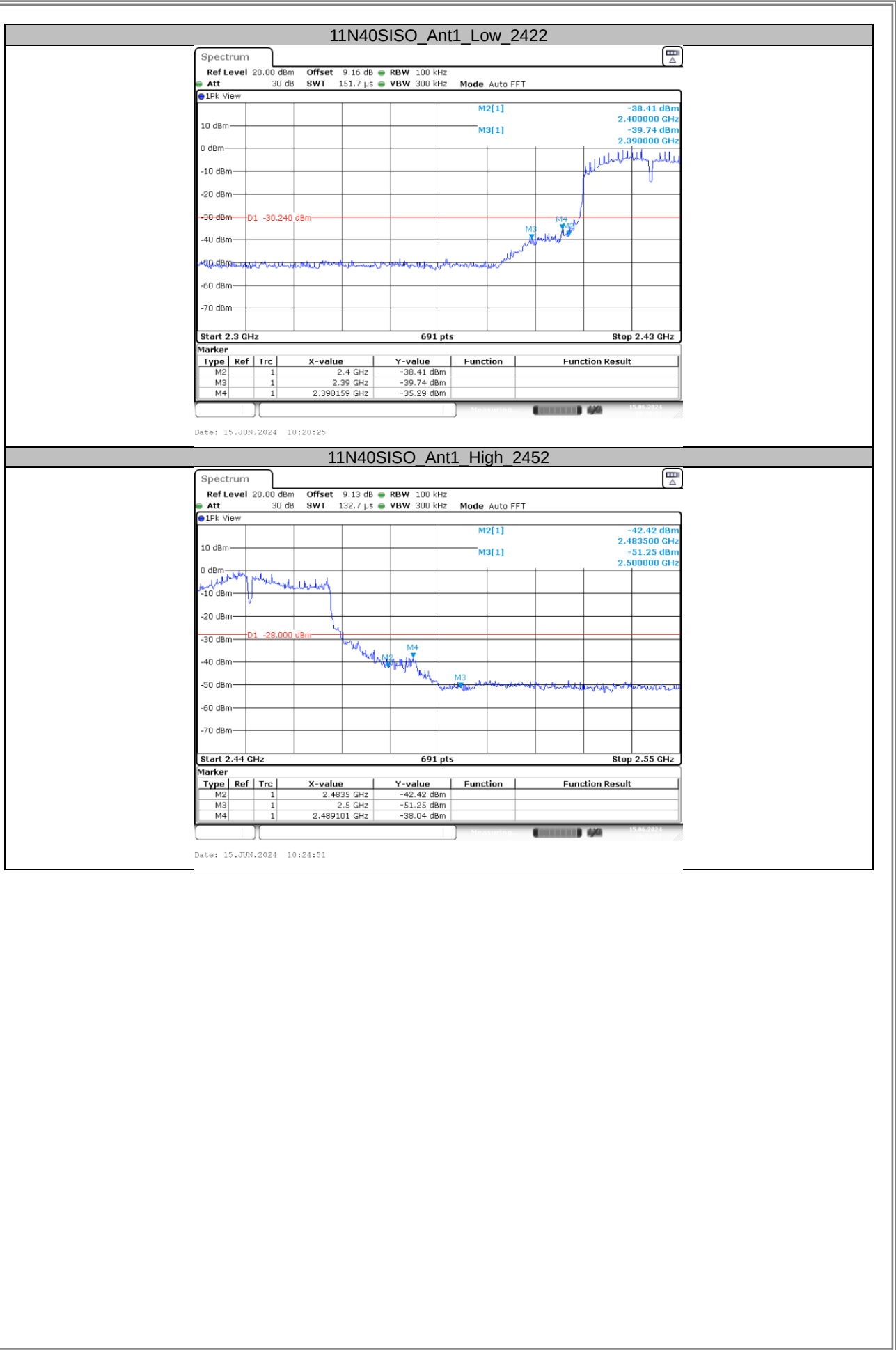
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Band edge measurements

TestMode	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	6.18	-44.58	≤ -23.82	PASS
	High	2462	7.66	-46.71	≤ -22.34	PASS
11G	Low	2412	3.24	-40.15	≤ -26.76	PASS
	High	2462	2.69	-42.04	≤ -27.31	PASS
11N20SISO	Low	2412	2.59	-27.44	≤ -27.41	PASS
	High	2462	2.84	-39.83	≤ -27.16	PASS
11N40SISO	Low	2422	-0.24	-35.29	≤ -30.24	PASS
	High	2452	2.00	-38.04	≤ -28	PASS





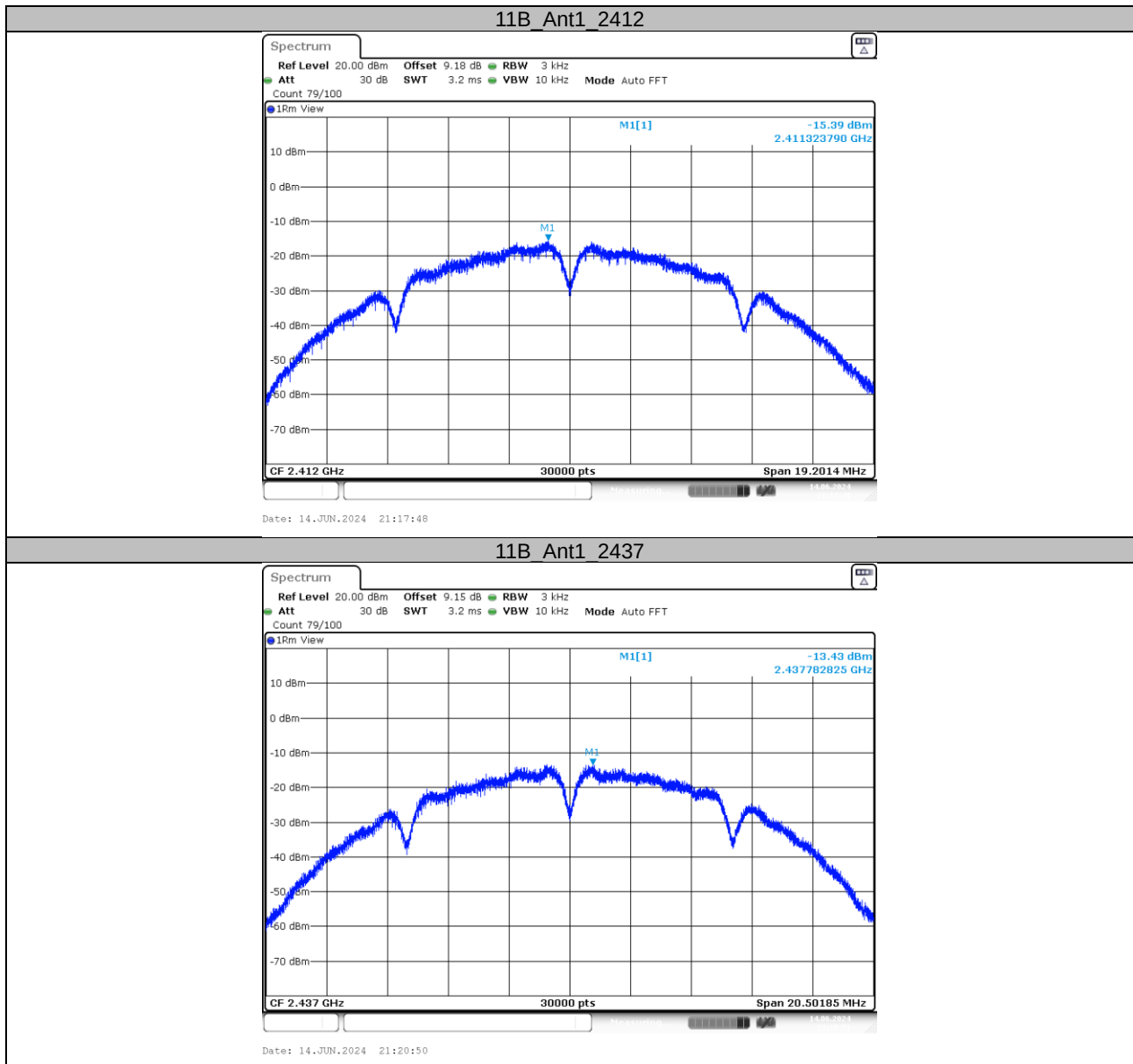


APPENDIXH - POWER SPECTRAL DENSITY

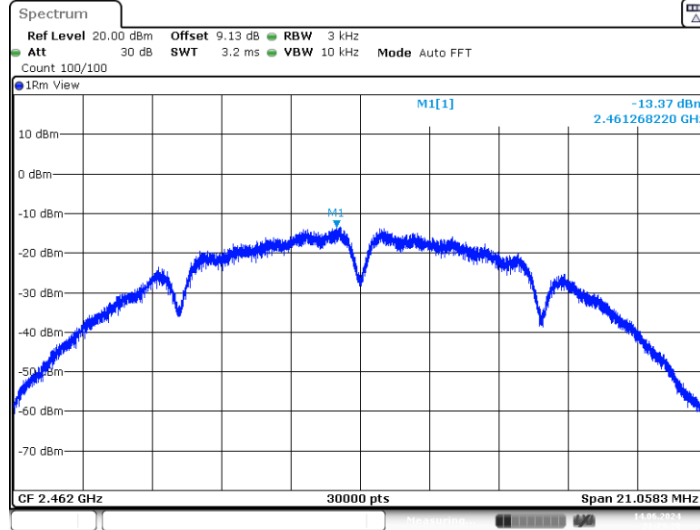
Test Mode	Frequency[MHz]	Test Result[dBm/3-100kHz]	Duty Cycle [%]	DC Factor [dBm]	Final Result[dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	2412	-15.39	99.64	0.02	-15.37	≤8.00	PASS
	2437	-13.43	99.64	0.02	-13.41	≤8.00	PASS
	2462	-13.37	100.00	0.00	-13.37	≤8.00	PASS
11G	2412	-16.85	97.20	0.12	-16.73	≤8.00	PASS
	2437	-18.89	97.90	0.09	-18.80	≤8.00	PASS
	2462	-18.23	97.20	0.12	-18.11	≤8.00	PASS
11N20 SISO	2412	-18.83	97.01	0.13	-18.70	≤8.00	PASS
	2437	-18.21	97.01	0.13	-18.08	≤8.00	PASS
	2462	-19.19	96.99	0.13	-19.06	≤8.00	PASS
11N40 SISO	2422	-20.42	95.59	0.20	-20.22	≤8.00	PASS
	2437	-20.99	94.20	0.26	-20.73	≤8.00	PASS
	2452	-18.74	94.20	0.26	-18.48	≤8.00	PASS

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

Test Graphs

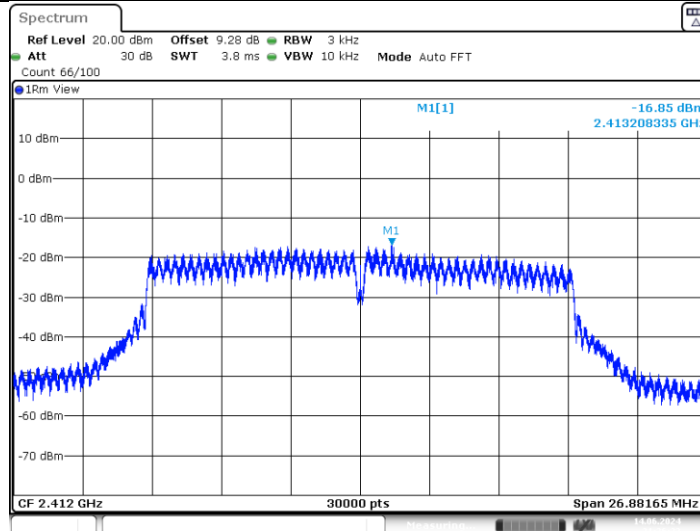


11B_Ant1_2462



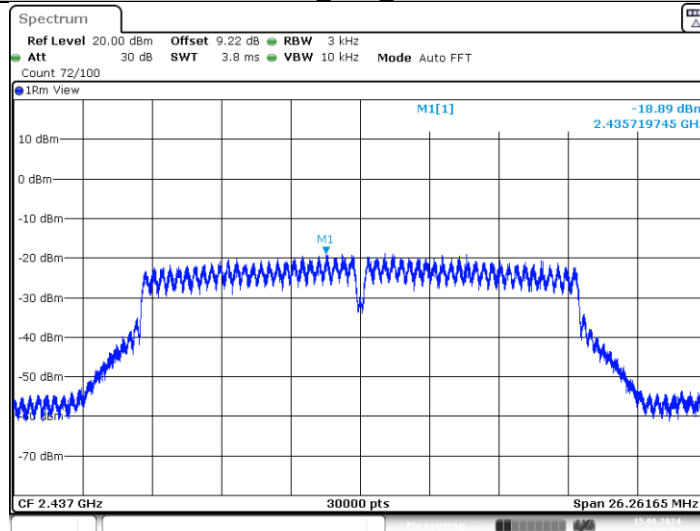
Date: 14.JUN.2024 21:23:28

11G_Ant1_2412



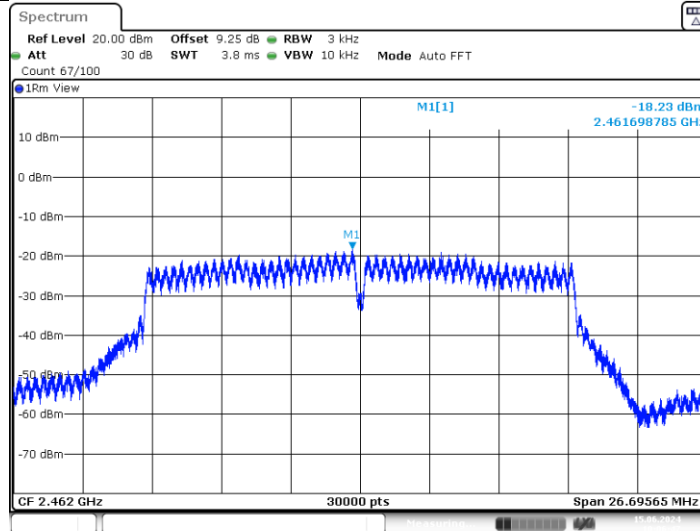
Date: 14.JUN.2024 21:26:23

11G_Ant1_2437



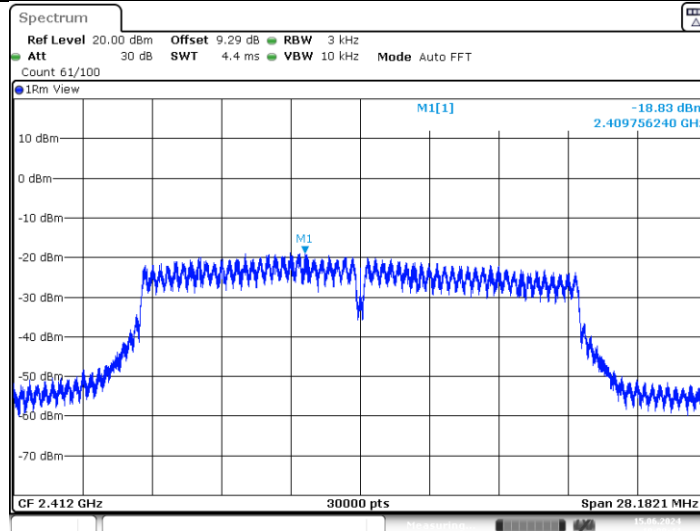
Date: 15.JUN.2024 10:05:02

11G_Ant1_2462



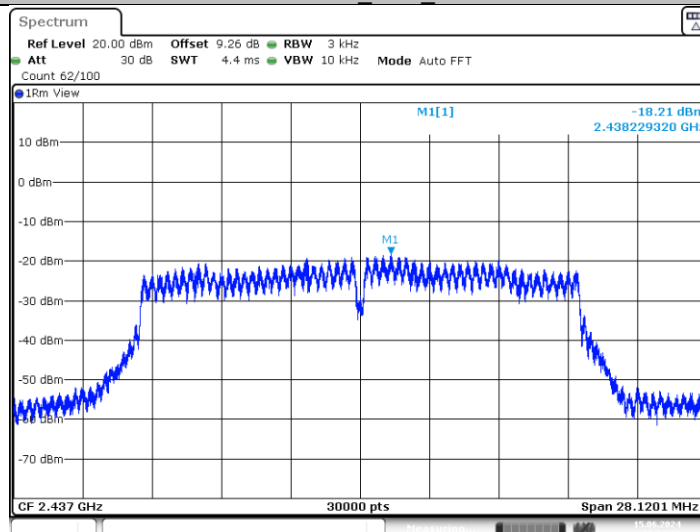
Date: 15.JUN.2024 10:06:47

11N20SISO_Ant1_2412



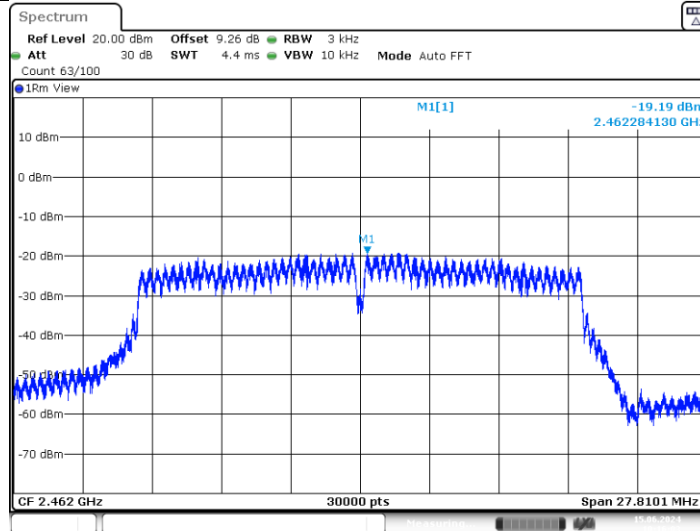
Date: 15.JUN.2024 10:09:44

11N20SISO_Ant1_2437



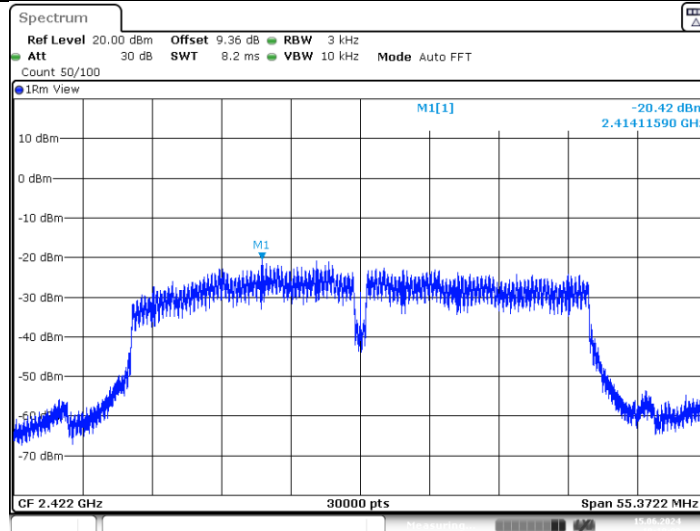
Date: 15.JUN.2024 10:14:21

11N20SISO_Ant1_2462



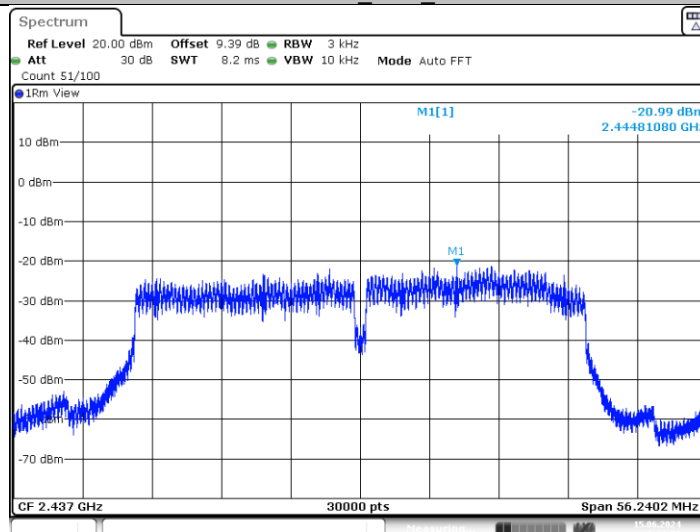
Date: 15.JUN.2024 10:16:03

11N40SISO_Ant1_2422

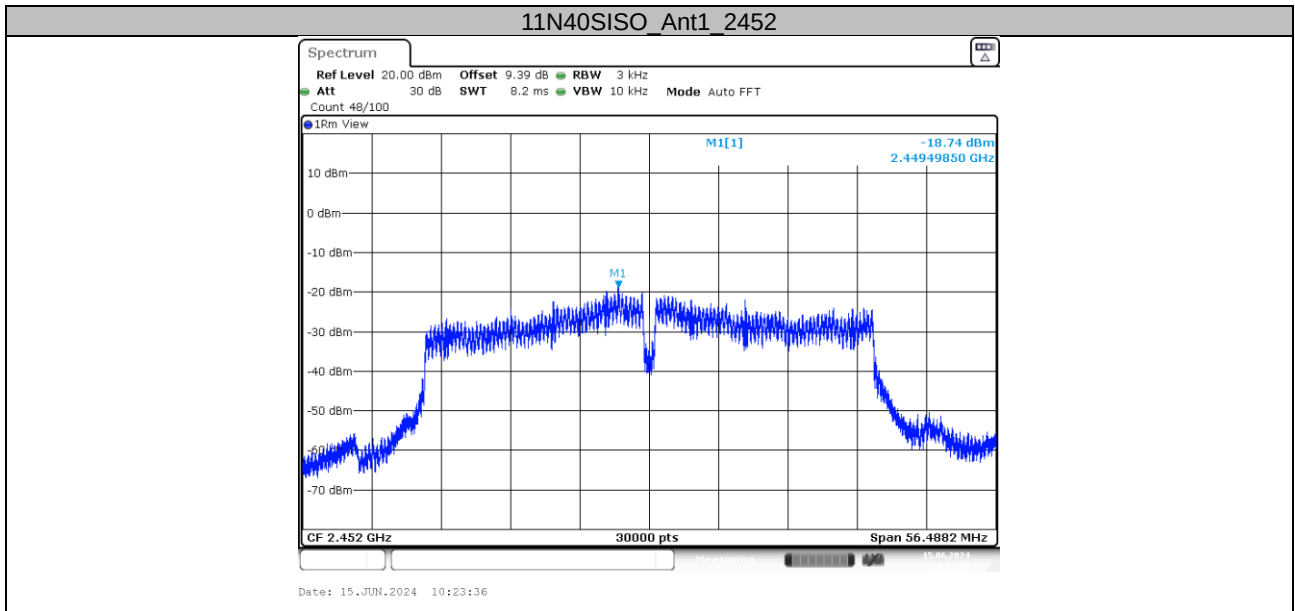


Date: 15.JUN.2024 10:19:09

11N40SISO_Ant1_2437



Date: 15.JUN.2024 10:21:58



End of Test Report