

1.9 Appendix I: Emissions in Restricted Bands

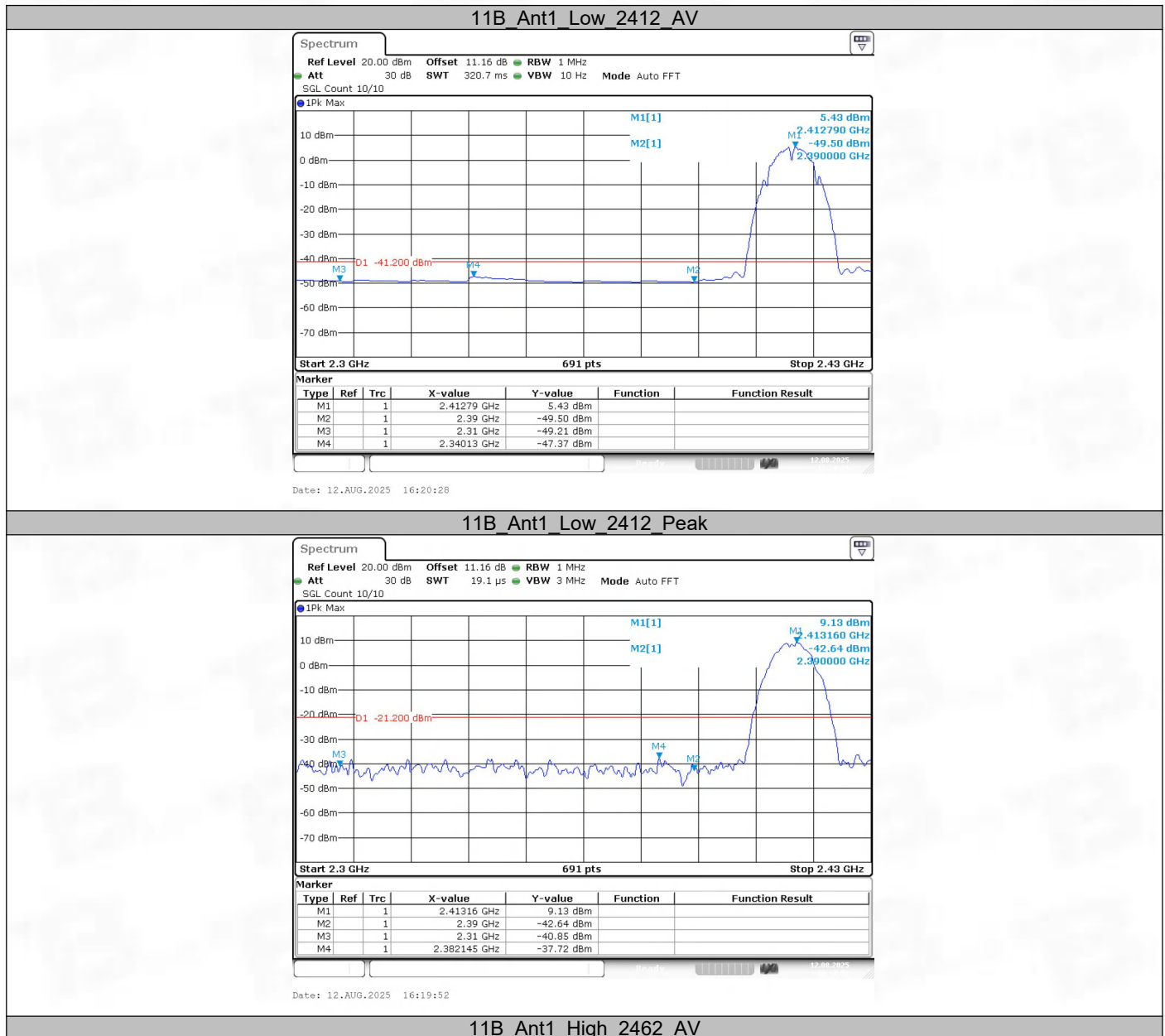
1.9.1 Test Result

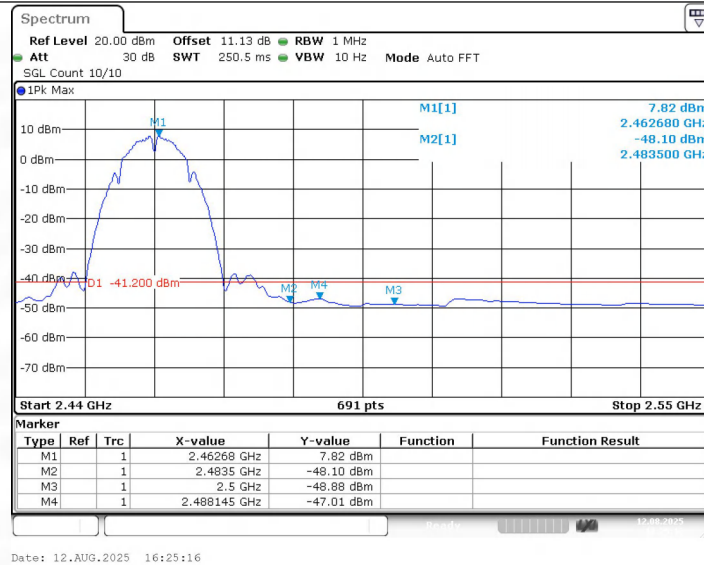
TestMode	Antenna	Ch Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.21	≤-41.20	45.99	≤54	PASS
				AV	2340.130	-47.37	≤-41.20	47.83	≤54	PASS
				AV	2390.000	-49.5	≤-41.20	45.70	≤54	PASS
				Peak	2310.000	-40.85	≤-21.20	54.35	≤74	PASS
				Peak	2382.145	-37.72	≤-21.20	57.48	≤74	PASS
				Peak	2390.000	-42.64	≤-21.20	52.56	≤74	PASS
		High	2462	AV	2483.500	-48.1	≤-41.20	47.10	≤54	PASS
				AV	2488.145	-47.01	≤-41.20	48.19	≤54	PASS
				AV	2500.000	-48.88	≤-41.20	46.32	≤54	PASS
				Peak	2483.500	-39.56	≤-21.20	55.64	≤74	PASS
				Peak	2495.638	-38.29	≤-21.20	56.91	≤74	PASS
				Peak	2500.000	-45.73	≤-21.20	49.47	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.52	≤-41.20	46.68	≤54	PASS
				AV	2339.754	-46.57	≤-41.20	48.63	≤54	PASS
				AV	2390.000	-46.83	≤-41.20	48.37	≤54	PASS
				Peak	2310.000	-37.19	≤-21.20	58.01	≤74	PASS
				Peak	2345.029	-36.53	≤-21.20	58.67	≤74	PASS
				Peak	2390.000	-36.42	≤-21.20	58.78	≤74	PASS
		High	2462	AV	2483.500	-46.51	≤-41.20	48.69	≤54	PASS
				AV	2483.522	-46.51	≤-41.20	48.69	≤54	PASS
				AV	2500.000	-48.09	≤-41.20	47.11	≤54	PASS
				Peak	2483.500	-36.66	≤-21.20	58.54	≤74	PASS
				Peak	2487.986	-36.12	≤-21.20	59.08	≤74	PASS
				Peak	2500.000	-40.21	≤-21.20	54.99	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-46.89	≤-41.20	48.31	≤54	PASS
				AV	2340.130	-44.8	≤-41.20	50.40	≤54	PASS
				AV	2390.000	-46.45	≤-41.20	48.75	≤54	PASS
				Peak	2310.000	-38.42	≤-21.20	56.78	≤74	PASS
				Peak	2340.884	-36.35	≤-21.20	58.85	≤74	PASS
				Peak	2390.000	-39.41	≤-21.20	55.79	≤74	PASS
		High	2462	AV	2483.500	-41.84	≤-41.20	53.36	≤54	PASS
				AV	2483.681	-41.81	≤-41.20	53.39	≤54	PASS
				AV	2500.000	-46.98	≤-41.20	48.22	≤54	PASS
				Peak	2483.500	-34.27	≤-21.20	60.93	≤74	PASS
				Peak	2485.435	-34.23	≤-21.20	60.97	≤74	PASS
				Peak	2500.000	-40.05	≤-21.20	55.15	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-46.35	≤-41.20	48.85	≤54	PASS
				AV	2389.783	-44.89	≤-41.20	50.31	≤54	PASS
				AV	2390.000	-44.87	≤-41.20	50.33	≤54	PASS
				Peak	2310.000	-38.81	≤-21.20	56.39	≤74	PASS
				Peak	2389.783	-35.57	≤-21.20	59.63	≤74	PASS
				Peak	2390.000	-35.77	≤-21.20	59.43	≤74	PASS
		High	2452	AV	2483.500	-42.83	≤-41.20	52.37	≤54	PASS
				AV	2483.696	-42.69	≤-41.20	52.51	≤54	PASS
				AV	2500.000	-46.64	≤-41.20	48.56	≤54	PASS
				Peak	2483.500	-37.14	≤-21.20	58.06	≤74	PASS
				Peak	2488.587	-35.01	≤-21.20	60.19	≤74	PASS
				Peak	2500.000	-39.62	≤-21.20	55.58	≤74	PASS

Note:

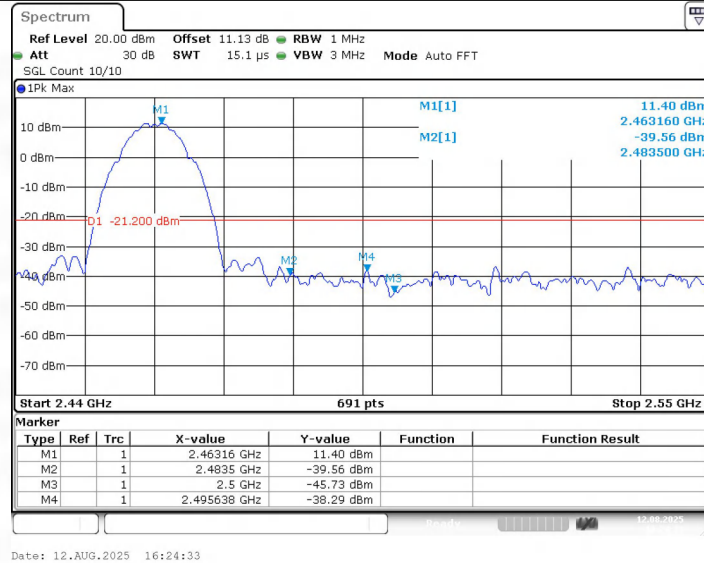
- The Antenna Gain is compensated in the graph.
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

1.9.2 Test Graphs

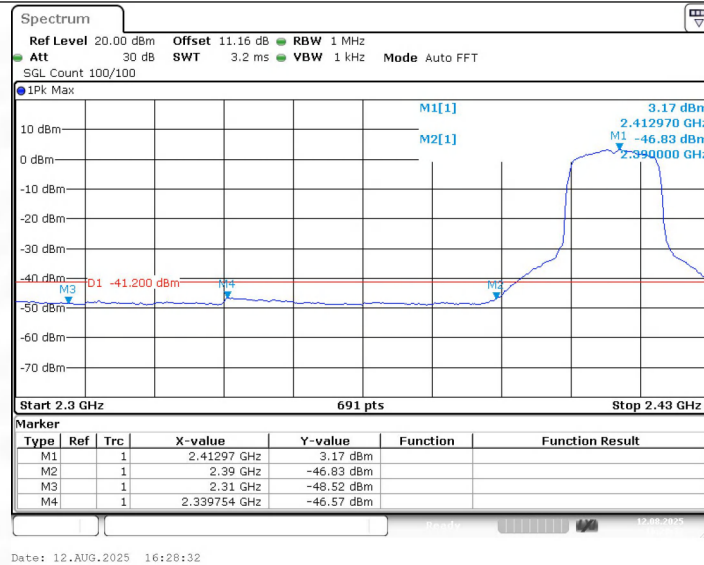




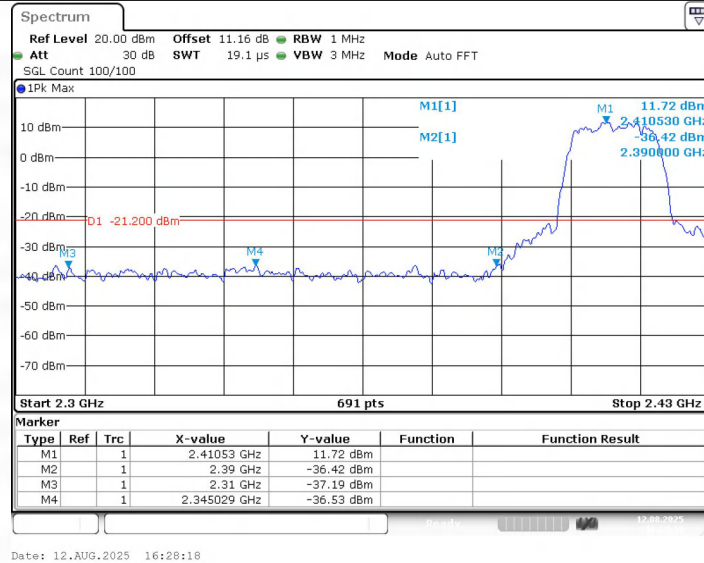
11B Ant1 High 2462 Peak



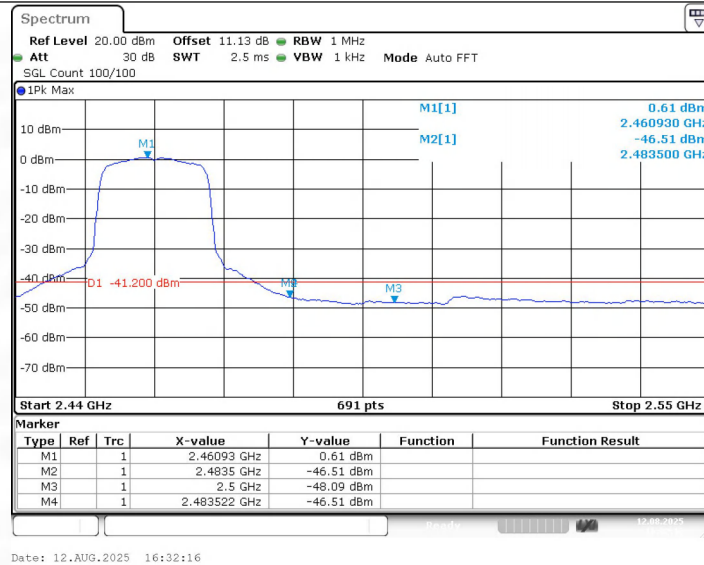
11G Ant1 Low 2412 AV



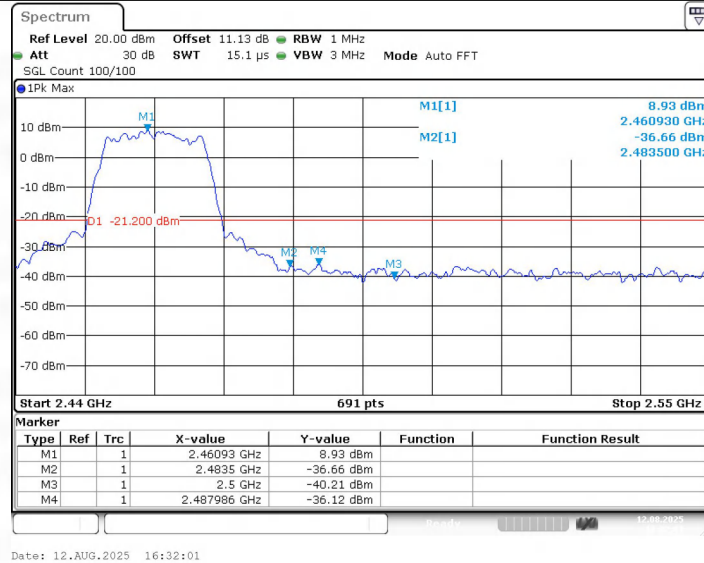
11G Ant1 Low 2412 Peak



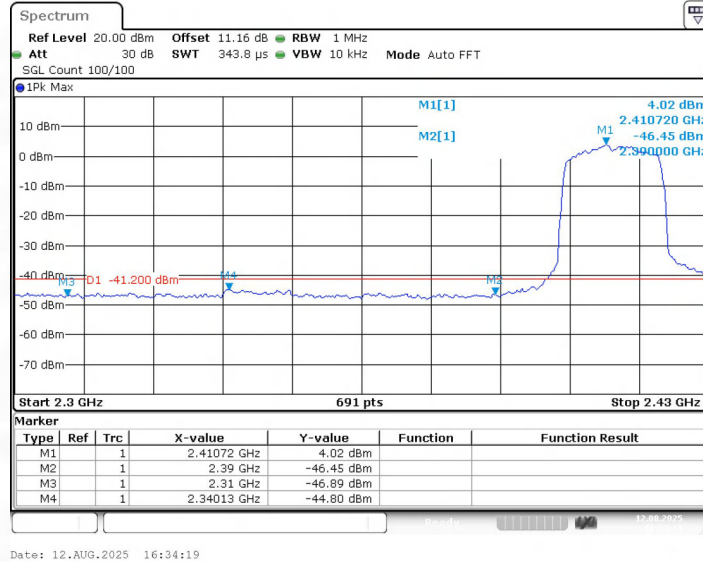
11G Ant1 High 2462 AV



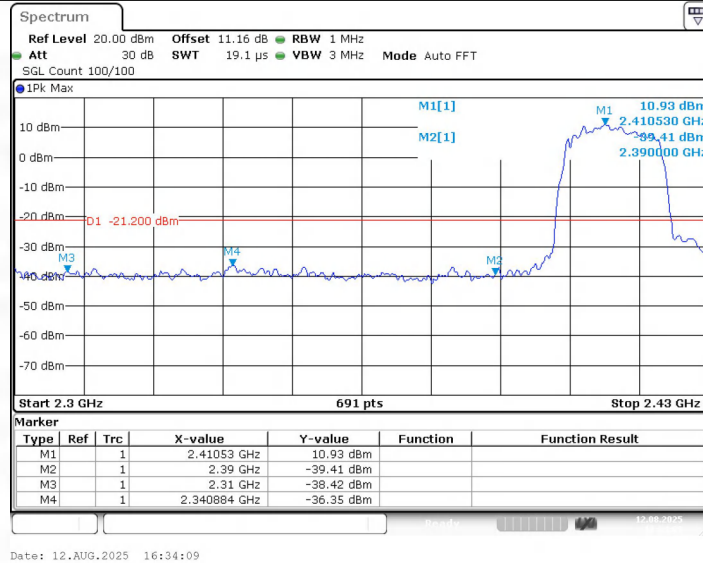
11G Ant1 High 2462 Peak



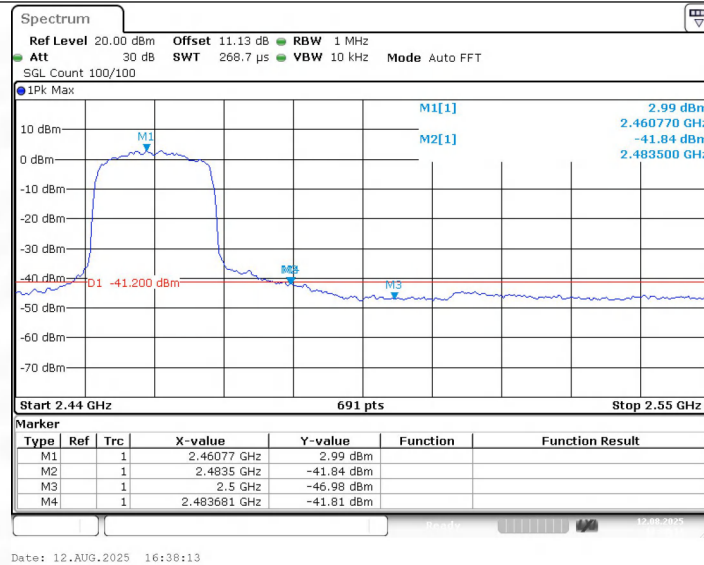
11N20SISO Ant1 Low 2412 AV



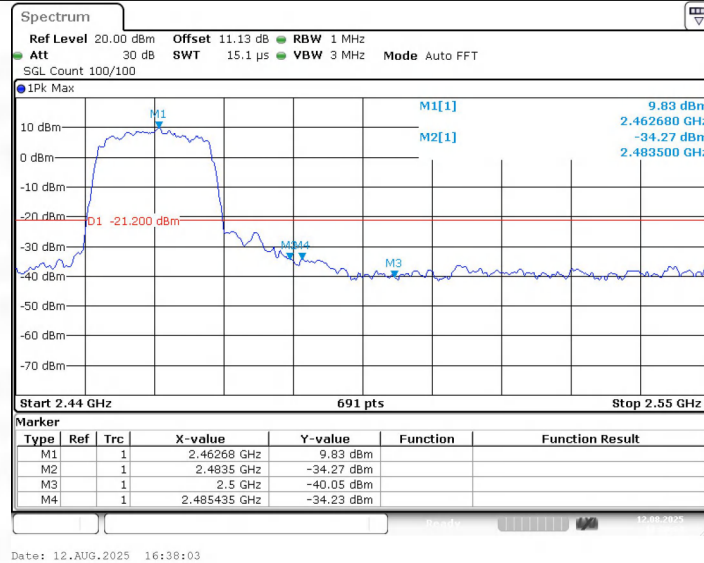
11N20SISO Ant1 Low 2412 Peak



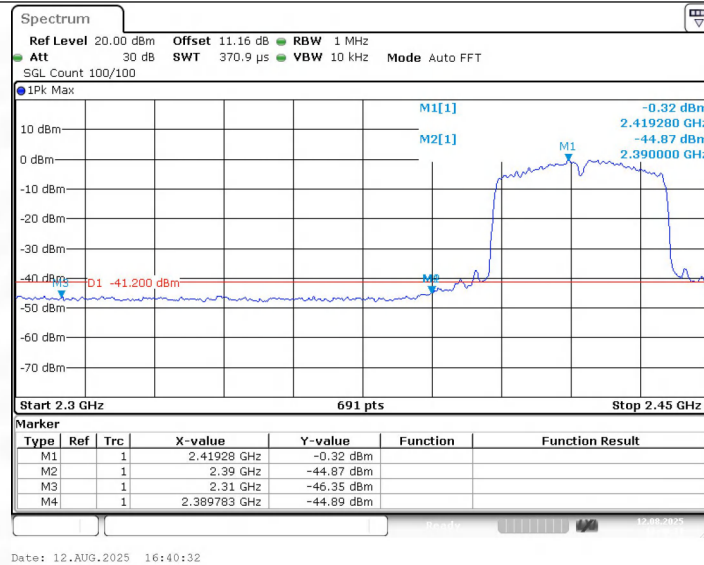
11N20SISO Ant1 High 2462 AV



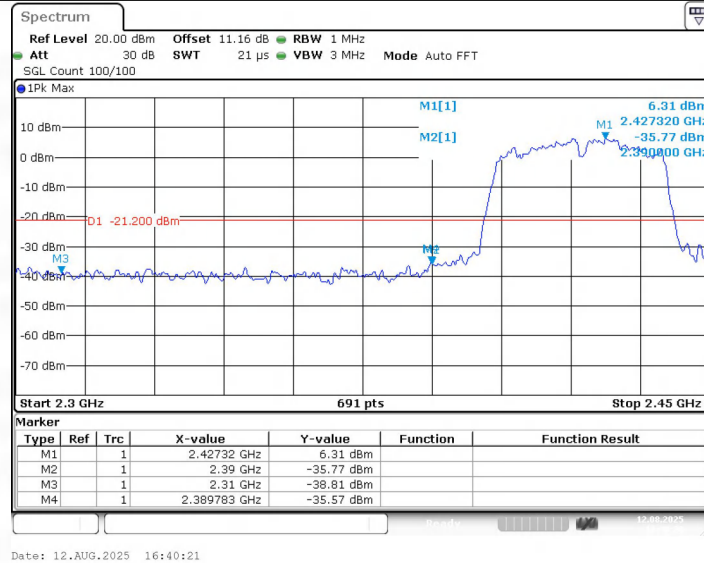
11N20SISO Ant1_High_2462_Peak



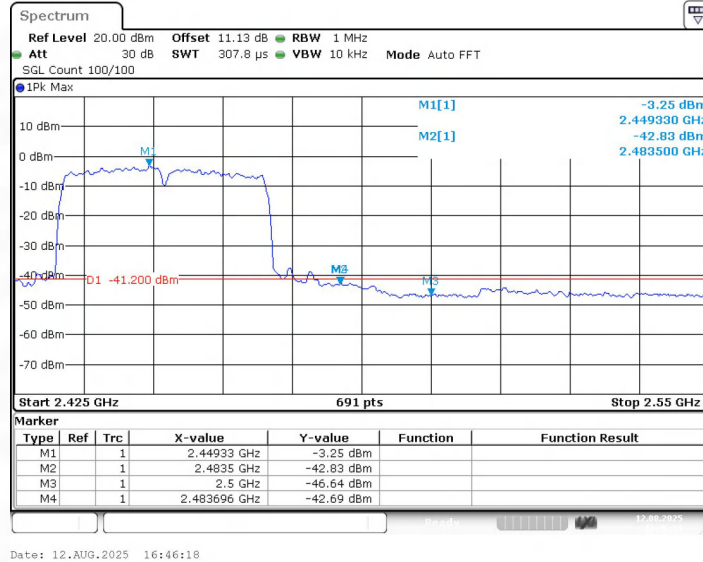
11N40SISO Ant1_Low_2422_AV



11N40SISO Ant1 Low 2422 Peak



11N40SISO Ant1 High 2452 AV



11N40SISO Ant1_High_2452_Peak

