

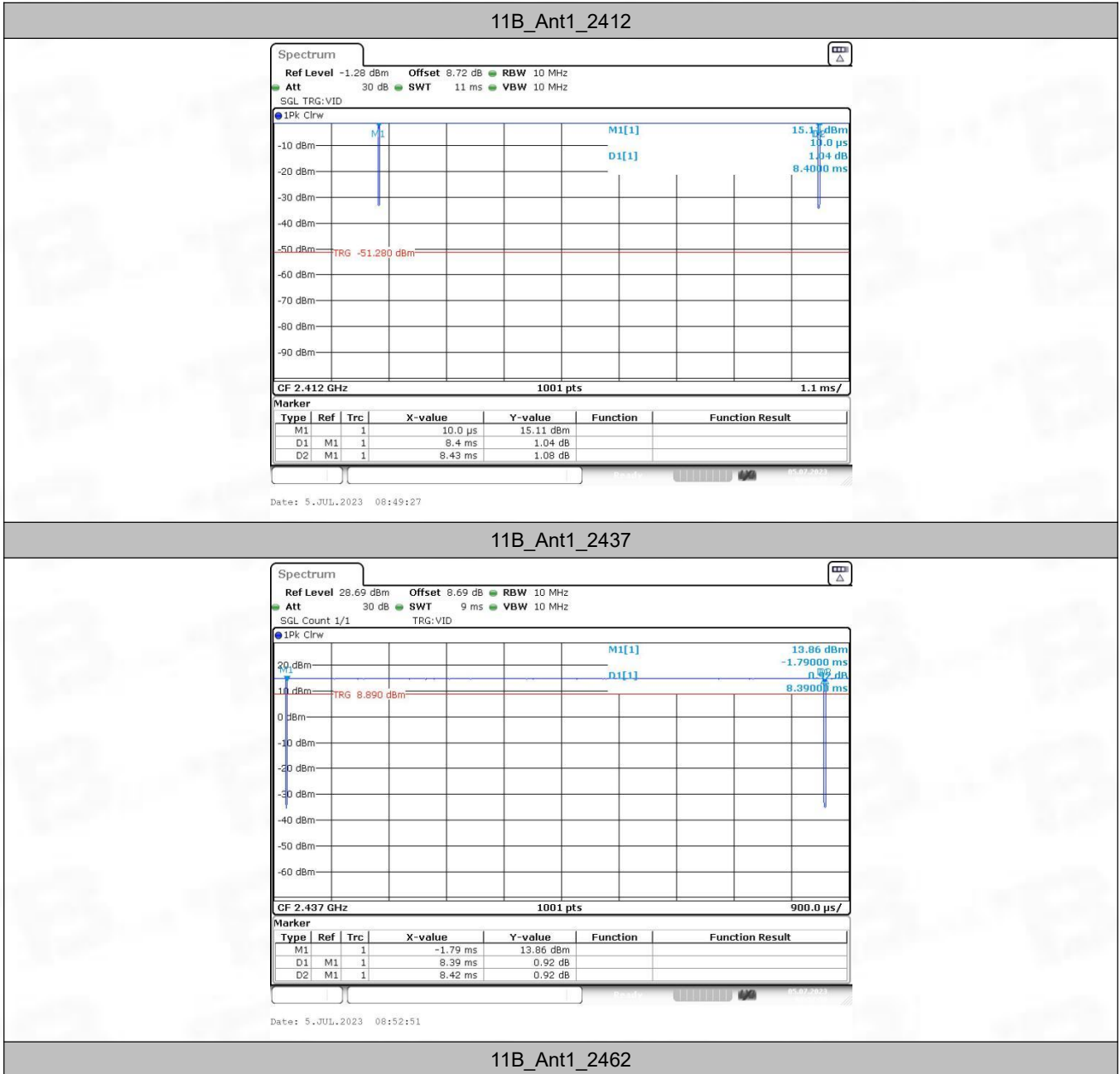
1. Duty Cycle

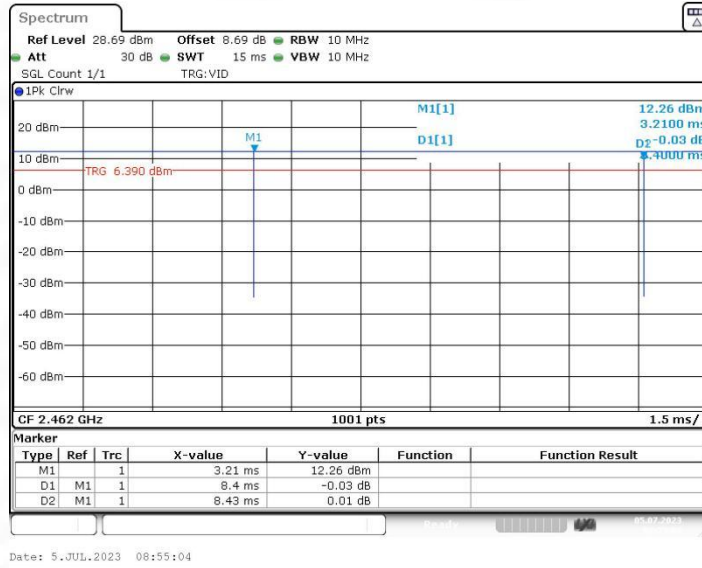
1.1 Ant1

1.1.1 Test Result

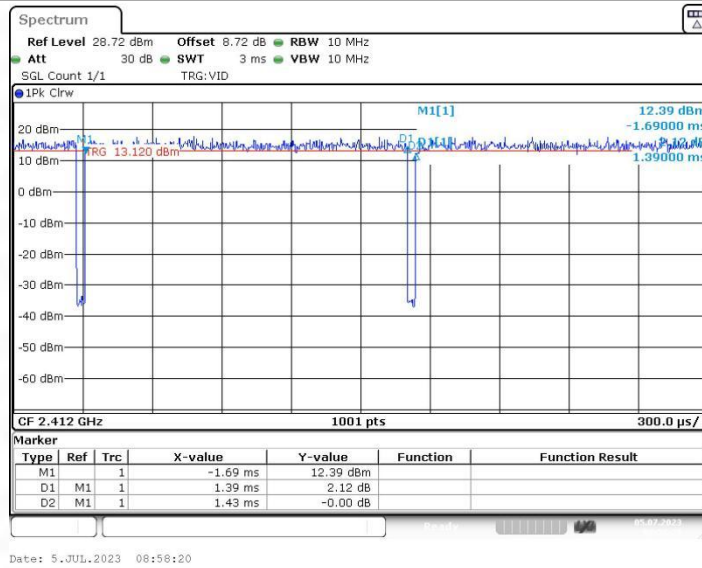
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.40	8.43	99.64
		2437	8.39	8.42	99.64
		2462	8.40	8.43	99.64
11G	Ant1	2412	1.39	1.43	97.20
		2437	1.39	1.42	97.89
		2462	1.40	1.43	97.90
11N20SISO	Ant1	2412	1.30	1.34	97.01
		2437	1.31	1.34	97.76
		2462	1.30	1.34	97.01
11N40SISO	Ant1	2422	0.65	0.68	95.59
		2437	0.65	0.69	94.20
		2452	0.64	0.68	94.12

1.1.2 Test Graph

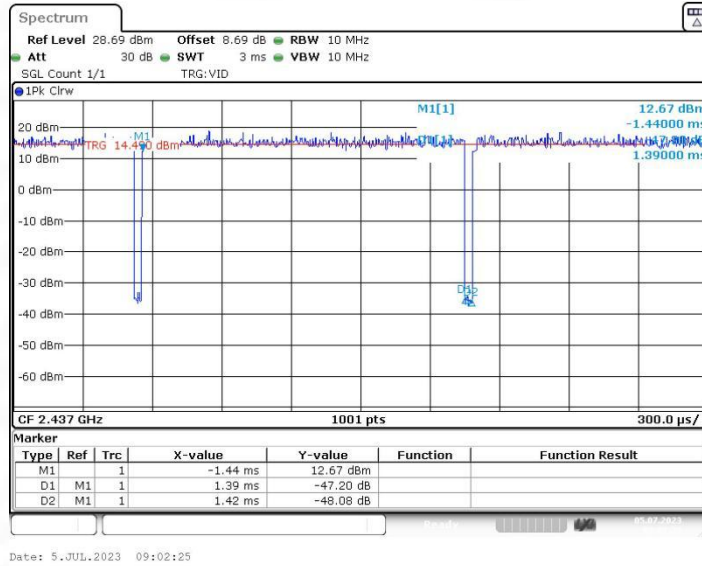




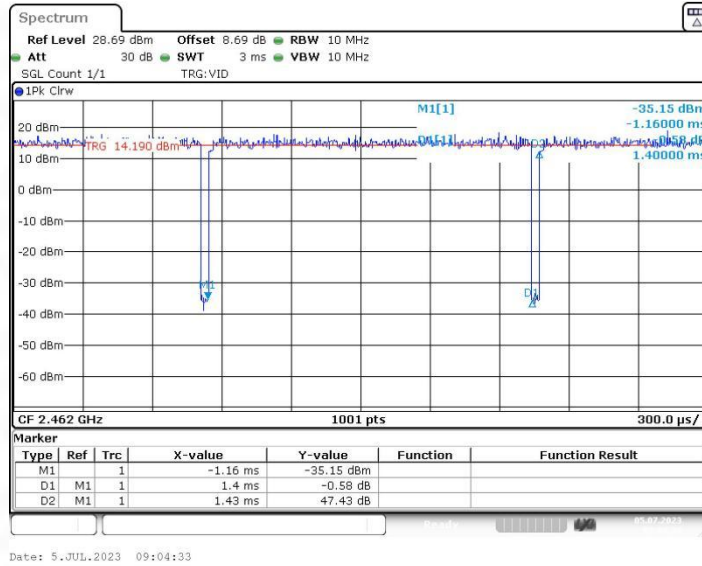
11G_Ant1_2412



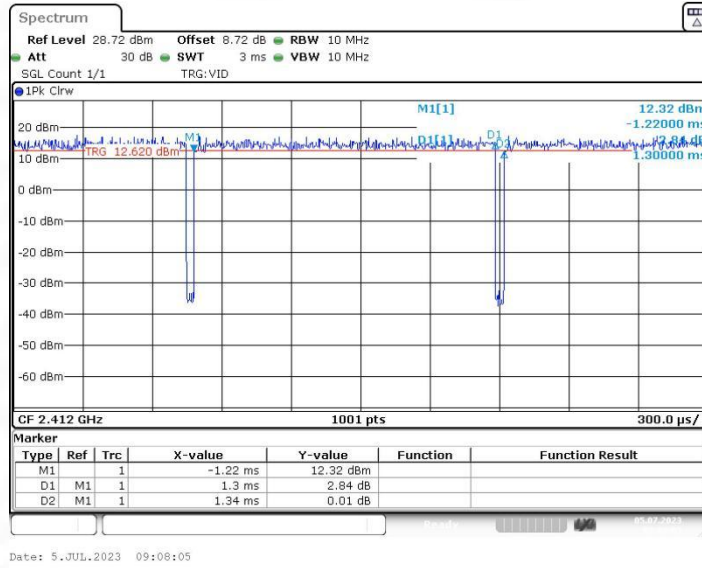
11G_Ant1_2437



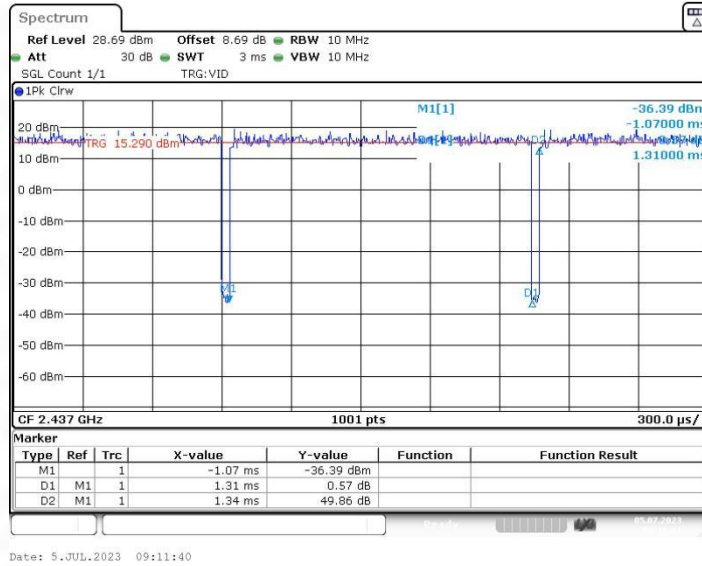
11G_Ant1_2462



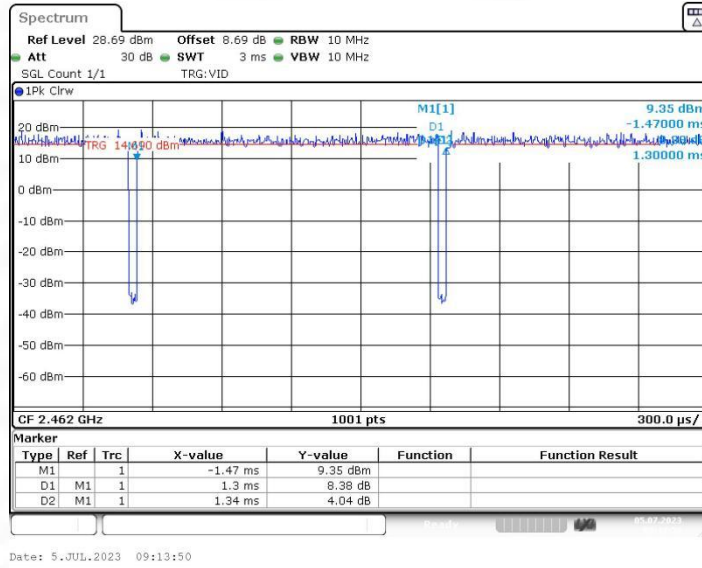
11N20SISO_Ant1_2412



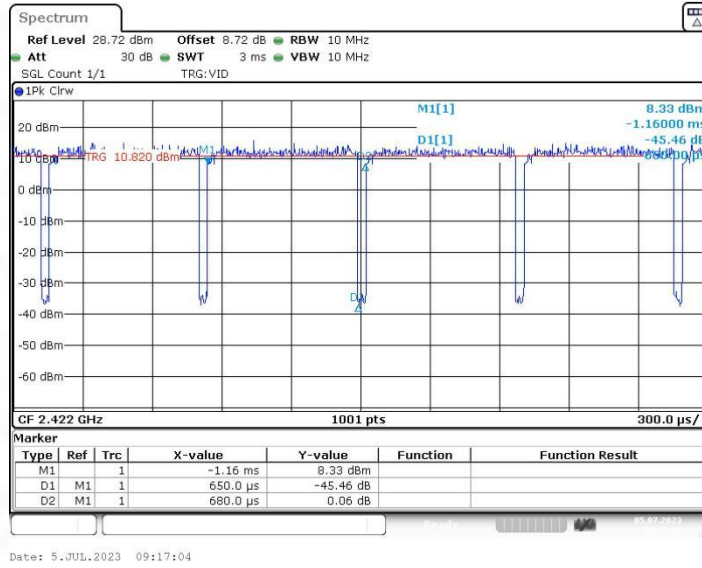
11N20SISO_Ant1_2437



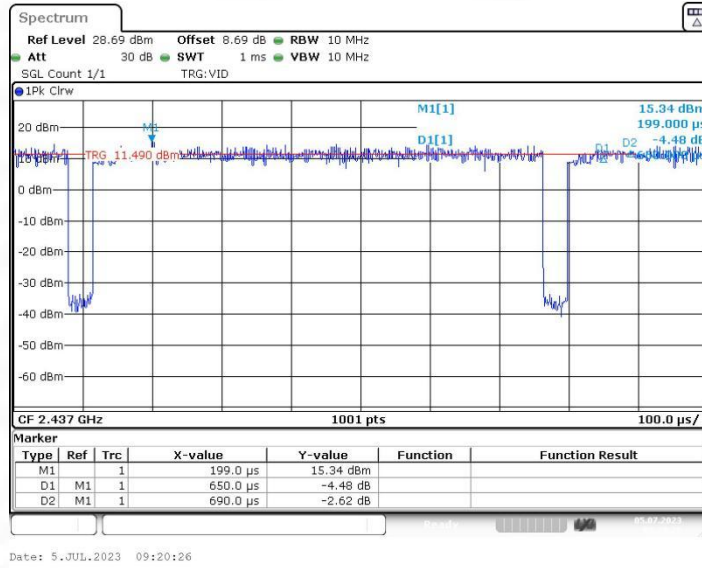
11N20SISO_Ant1_2462



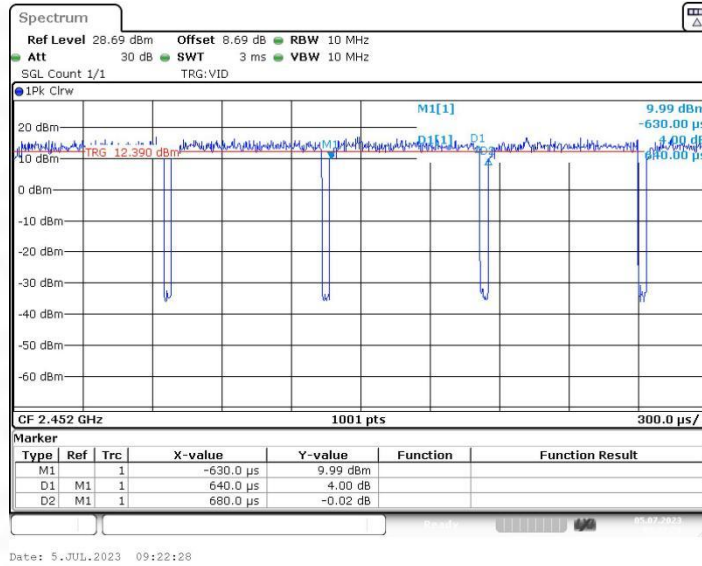
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



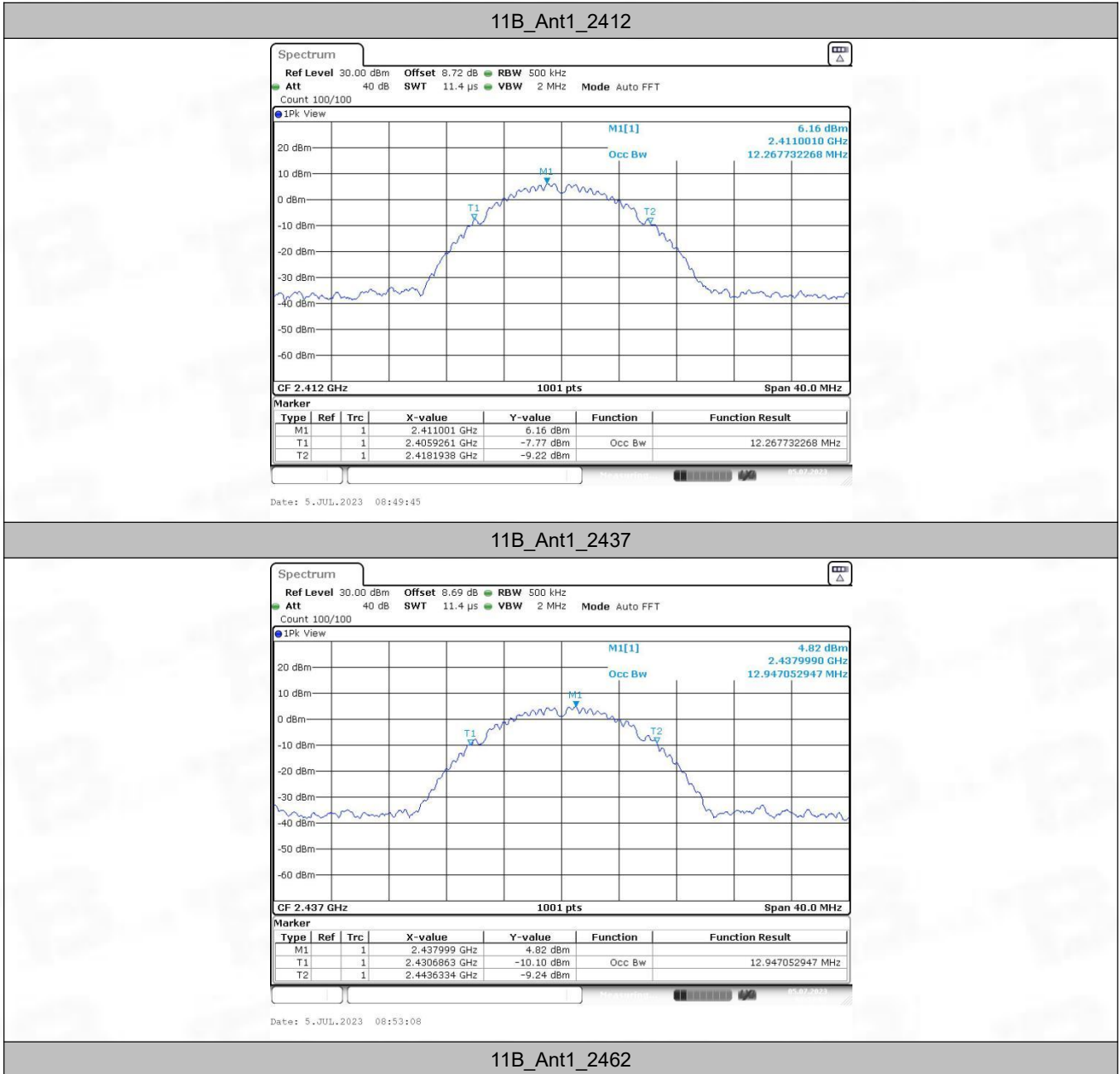
2. Bandwidth

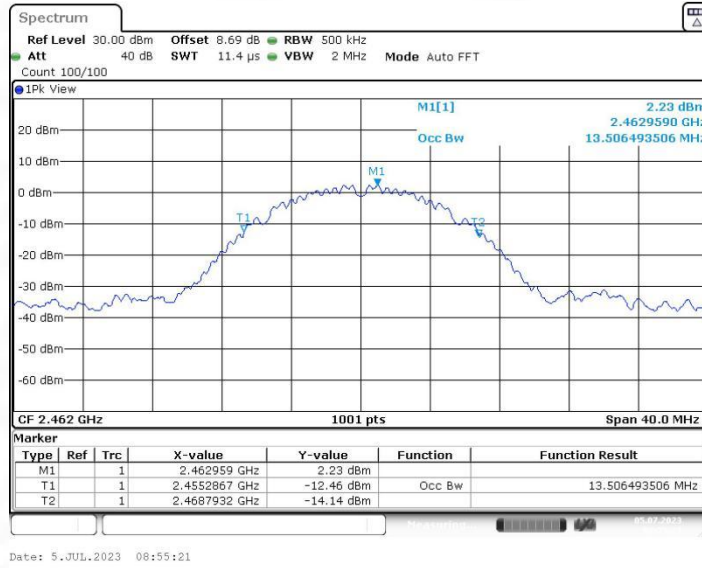
2.1 OBW

2.1.1 Test Result

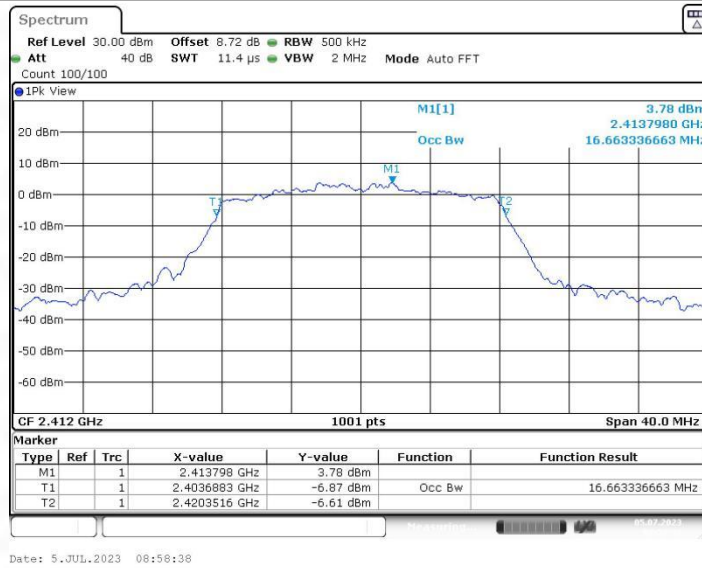
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.268	2405.9261	2418.1938	---	---
		2437	12.947	2430.6863	2443.6334	---	---
		2462	13.506	2455.2867	2468.7932	---	---
11G	Ant1	2412	16.663	2403.6883	2420.3516	---	---
		2437	17.143	2428.4486	2445.5914	---	---
		2462	16.623	2453.7283	2470.3516	---	---
11N20SISO	Ant1	2412	17.702	2403.1688	2420.8711	---	---
		2437	17.942	2428.0490	2445.9910	---	---
		2462	18.102	2452.8891	2470.9910	---	---
11N40SISO	Ant1	2422	36.044	2404.2577	2440.3017	---	---
		2437	35.964	2418.9381	2454.9021	---	---
		2452	36.124	2434.1778	2470.3017	---	---

2.1.2 Test Graph

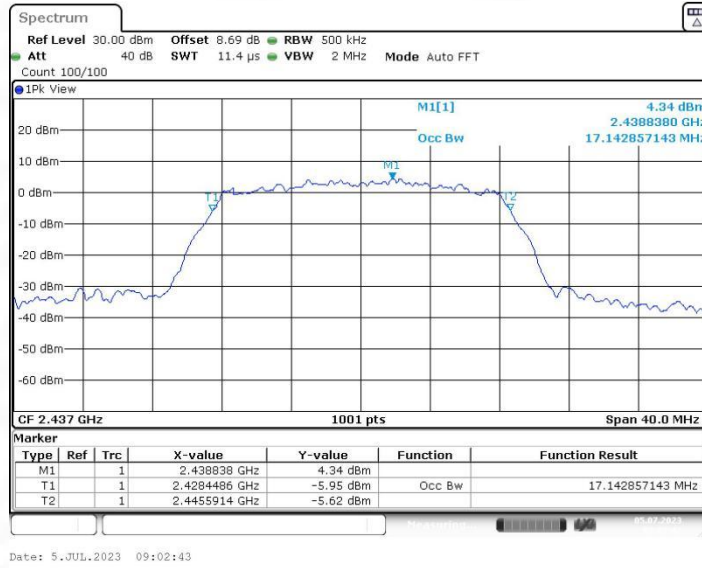




11G_Ant1_2412



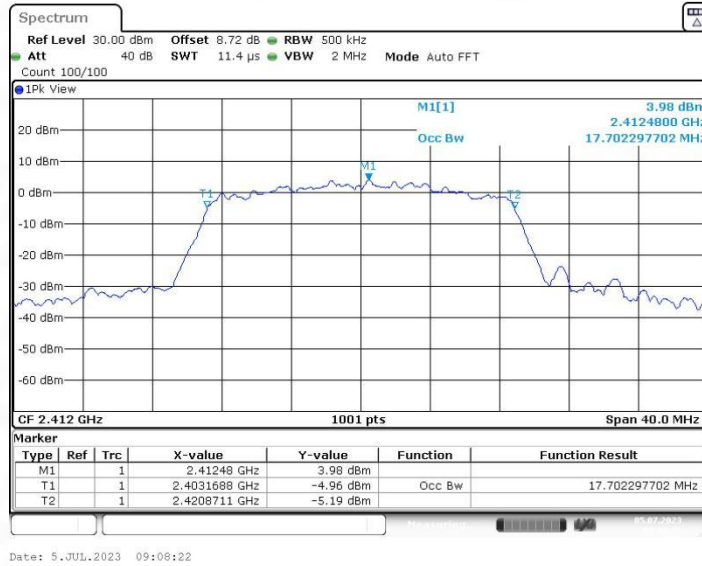
11G_Ant1_2437



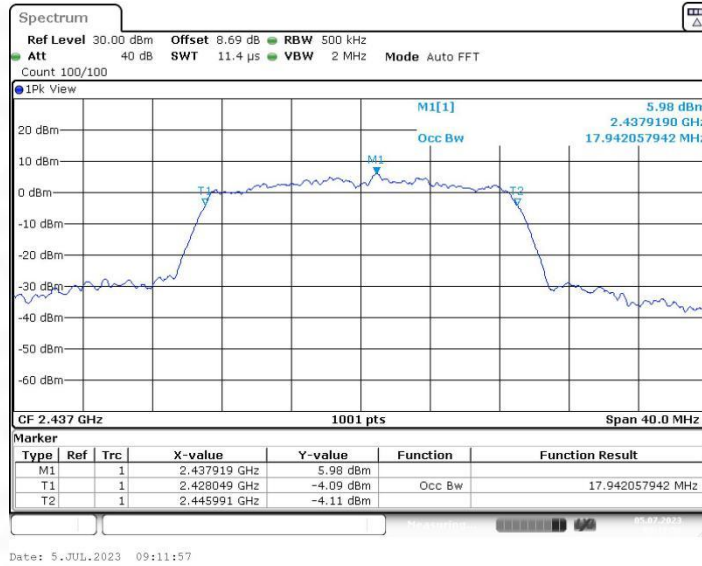
11G_Ant1_2462



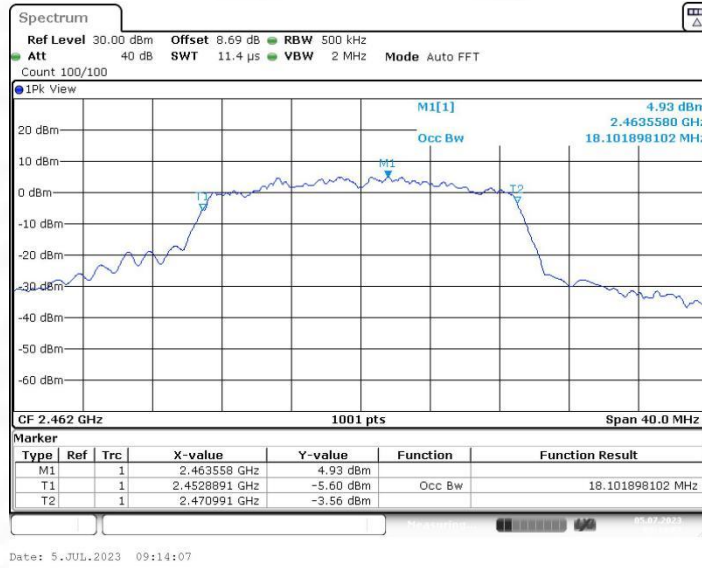
11N20SISO_Ant1_2412



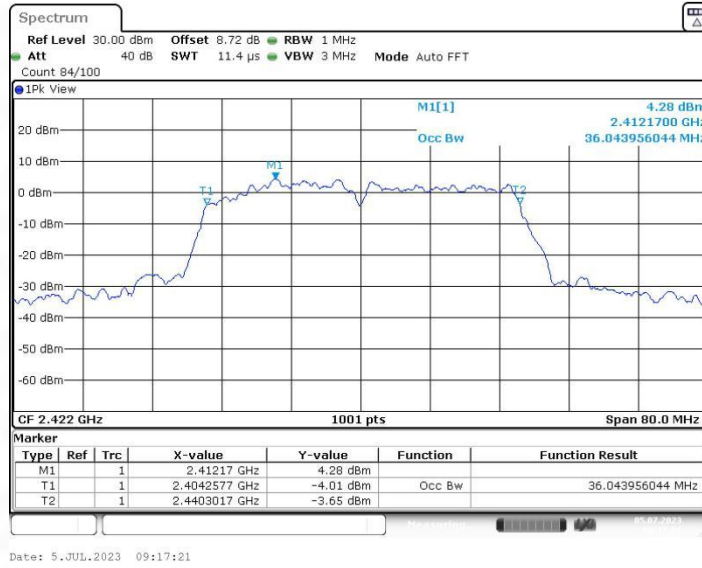
11N20SISO_Ant1_2437



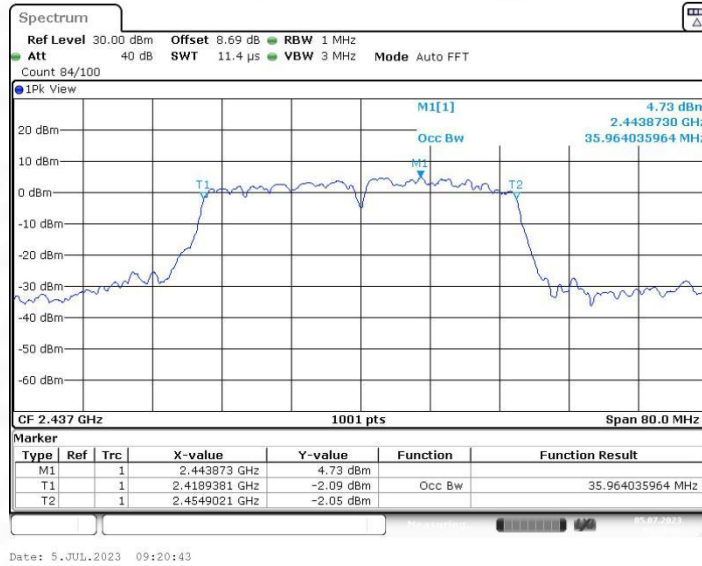
11N20SISO_Ant1_2462



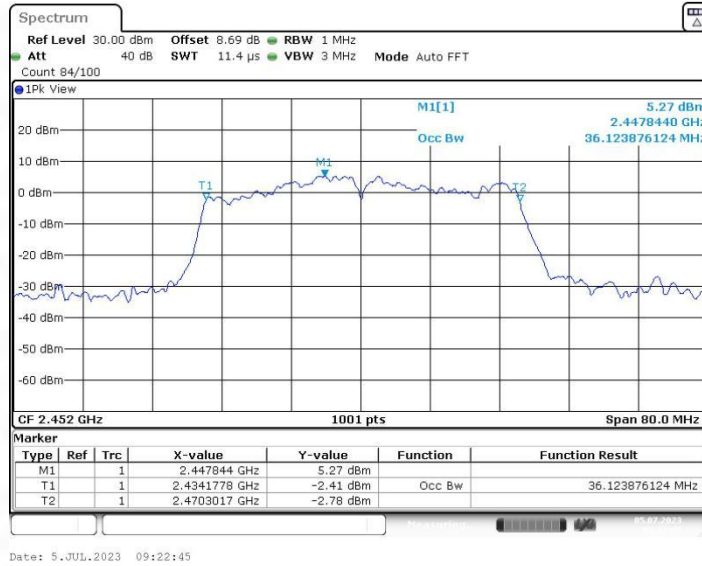
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

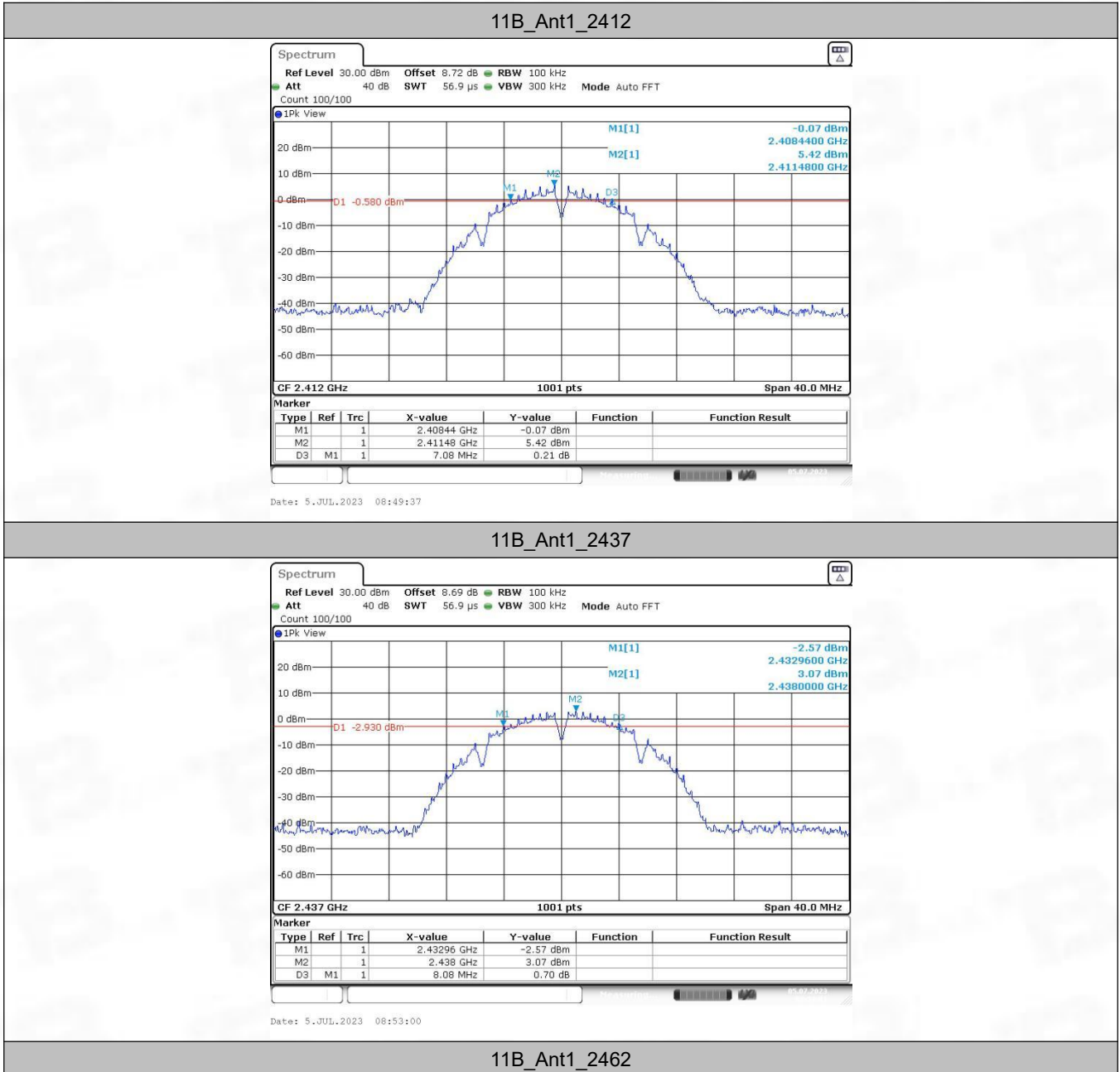


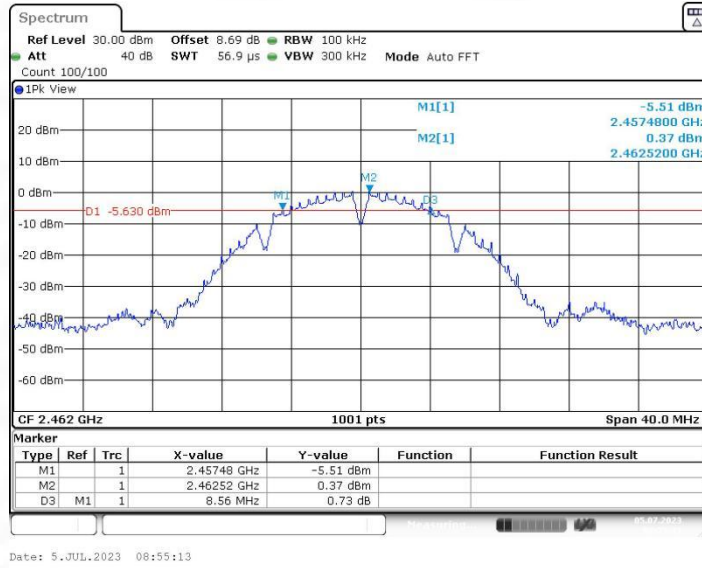
2.2 6dB BW

2.2.1 Test Result

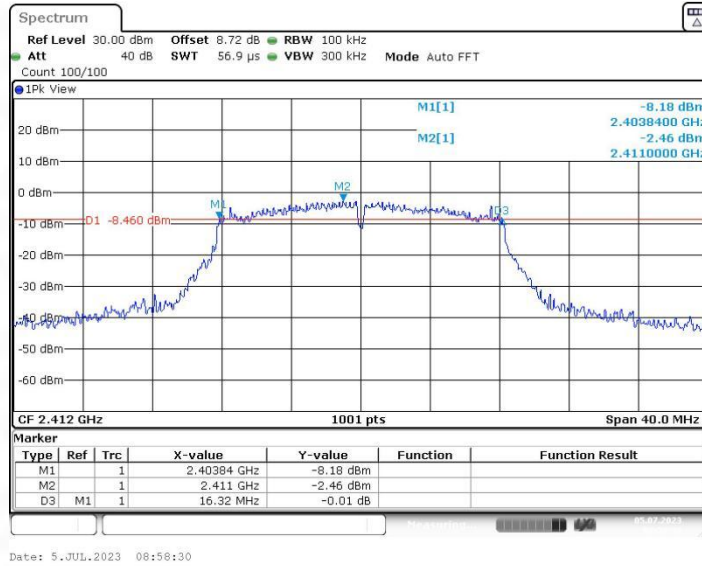
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.08	2408.44	2415.52	0.5	PASS
		2437	8.08	2432.96	2441.04	0.5	PASS
		2462	8.56	2457.48	2466.04	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
		2437	16.32	2428.84	2445.16	0.5	PASS
		2462	13.88	2455.68	2469.56	0.5	PASS
11N20SISO	Ant1	2412	16.84	2403.60	2420.44	0.5	PASS
		2437	15.04	2429.48	2444.52	0.5	PASS
		2462	15.08	2454.44	2469.52	0.5	PASS
11N40SISO	Ant1	2422	34.48	2405.68	2440.16	0.5	PASS
		2437	35.12	2419.40	2454.52	0.5	PASS
		2452	32.80	2436.96	2469.76	0.5	PASS

2.2.2 Test Graph

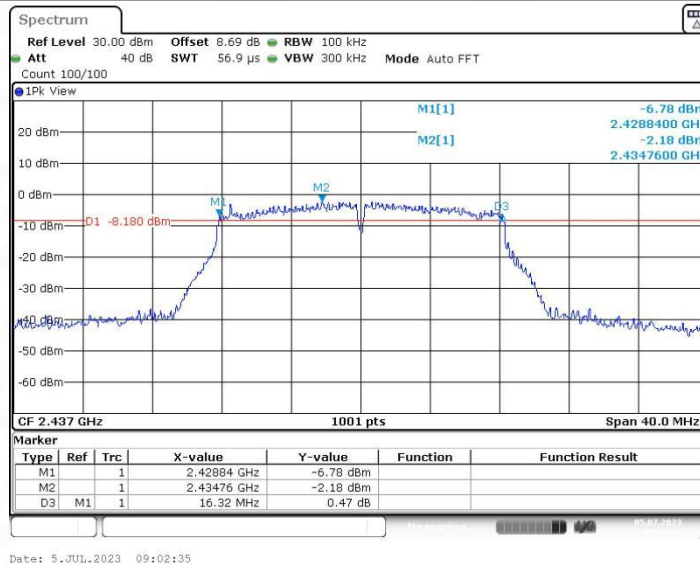




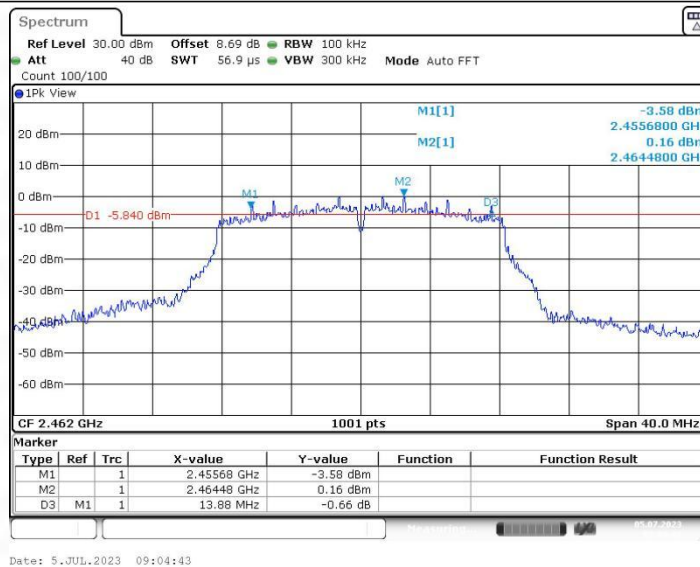
11G_Ant1_2412



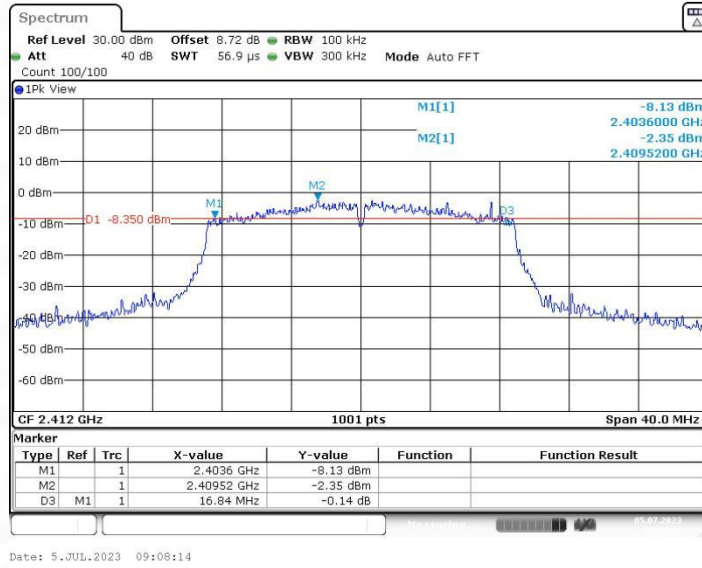
11G_Ant1_2437



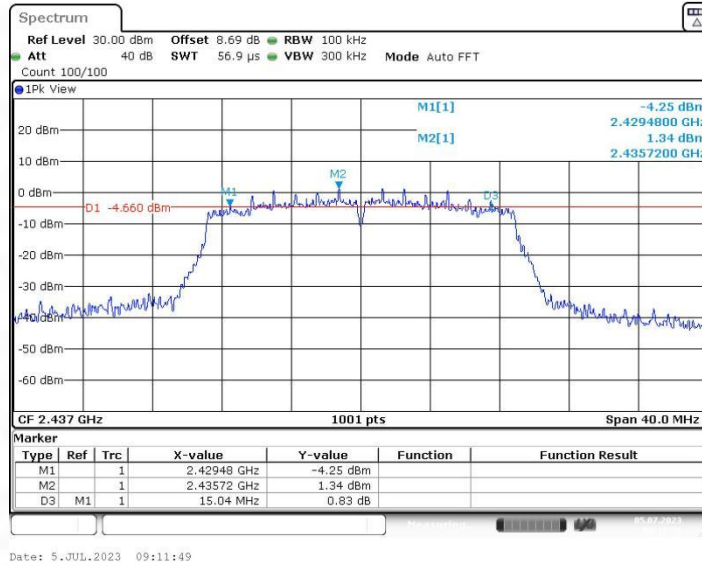
11G_Ant1_2462



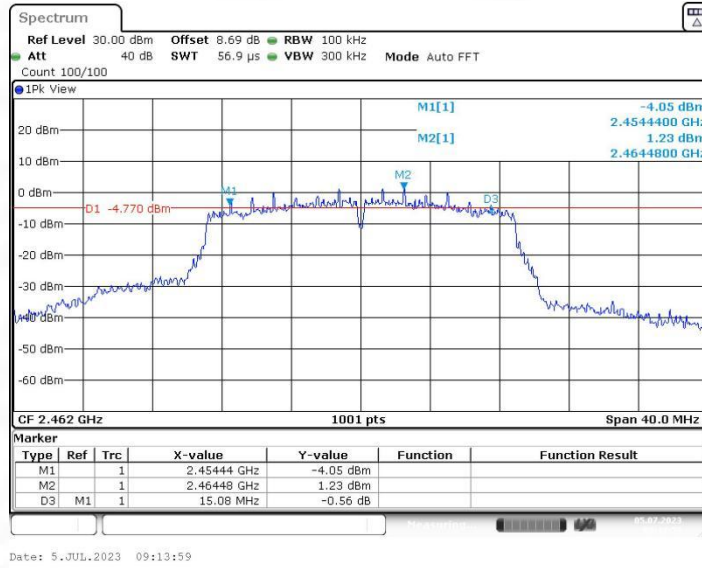
11N20SISO_Ant1_2412



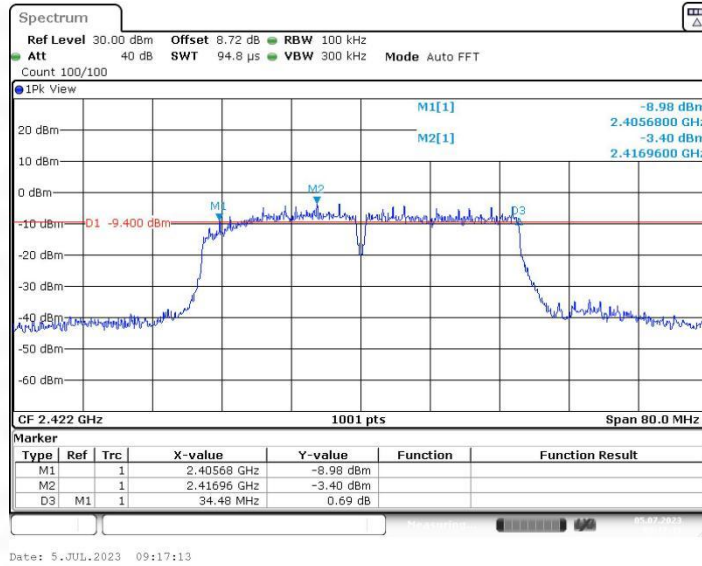
11N20SISO_Ant1_2437



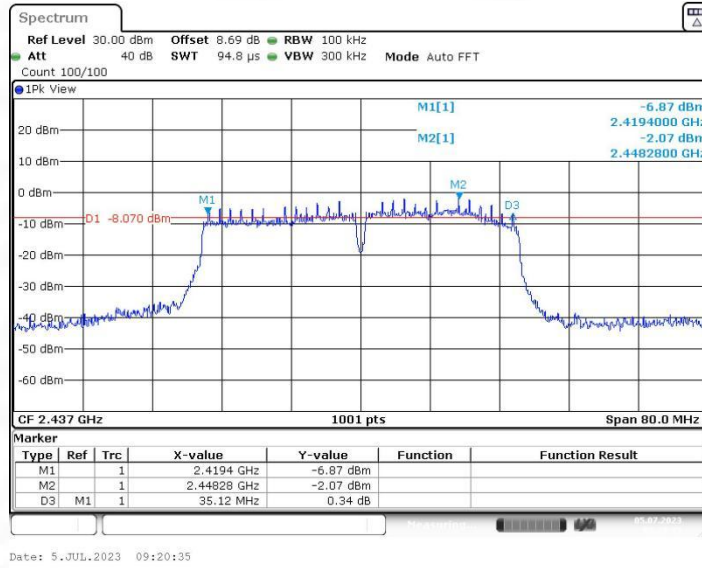
11N20SISO_Ant1_2462



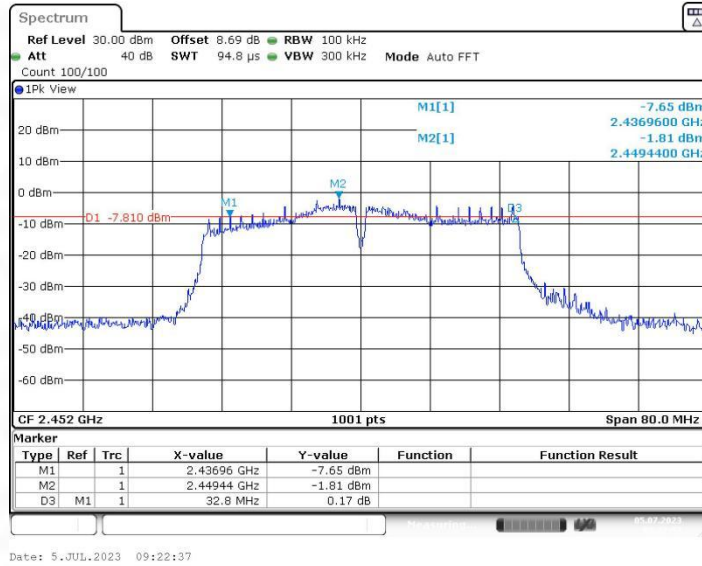
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.20	99.64	0.02	14.22	≤30.00	PASS
		2437	13.18	99.64	0.02	13.20	≤30.00	PASS
		2462	10.78	99.64	0.02	10.80	≤30.00	PASS
11G	Ant1	2412	10.95	97.20	0.12	11.07	≤30.00	PASS
		2437	11.82	97.89	0.09	11.91	≤30.00	PASS
		2462	11.28	97.90	0.09	11.37	≤30.00	PASS
11N20SISO	Ant1	2412	10.52	97.01	0.13	10.65	≤30.00	PASS
		2437	12.13	97.76	0.10	12.23	≤30.00	PASS
		2462	11.74	97.01	0.13	11.87	≤30.00	PASS
11N40SISO	Ant1	2422	10.73	95.59	0.20	10.93	≤30.00	PASS
		2437	11.10	94.20	0.26	11.36	≤30.00	PASS
		2452	11.20	94.12	0.26	11.46	≤30.00	PASS

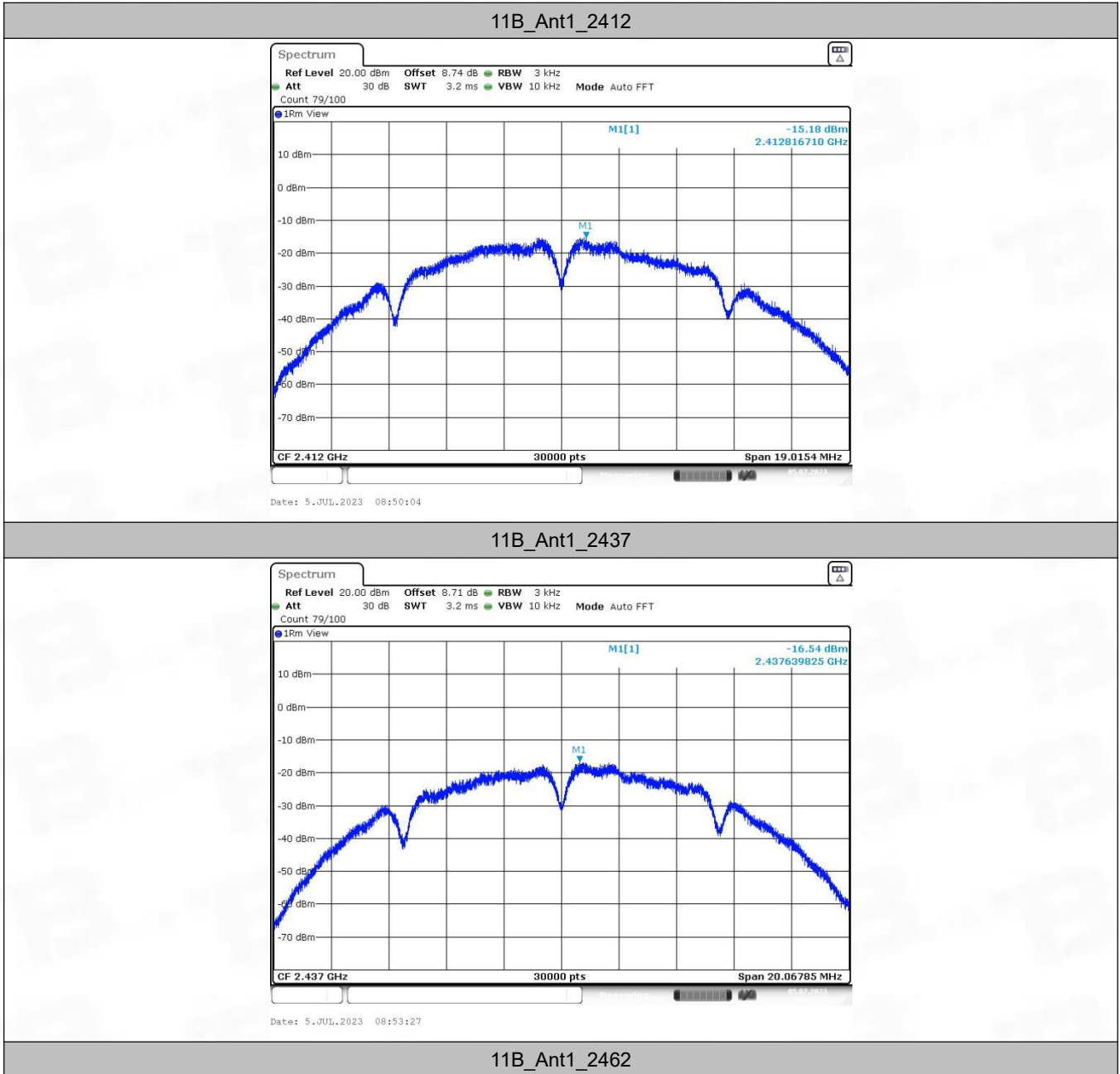
4. Maximum Power Spectral Density

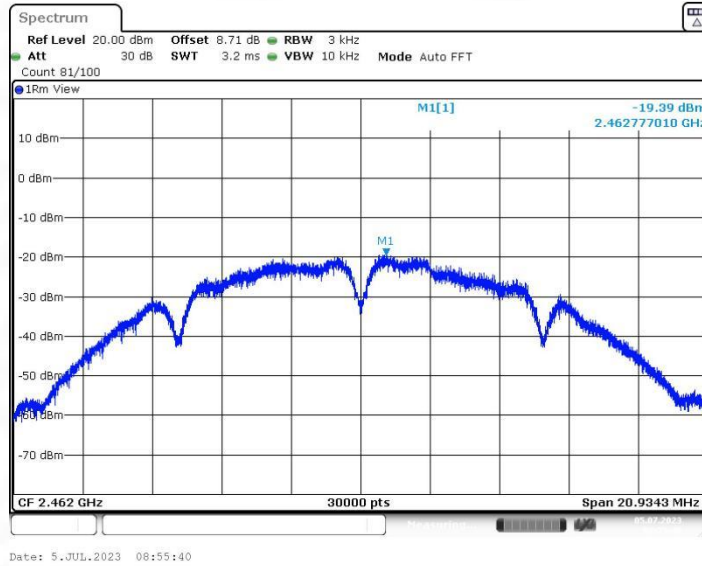
4.1 PSD

4.1.1 Test Result

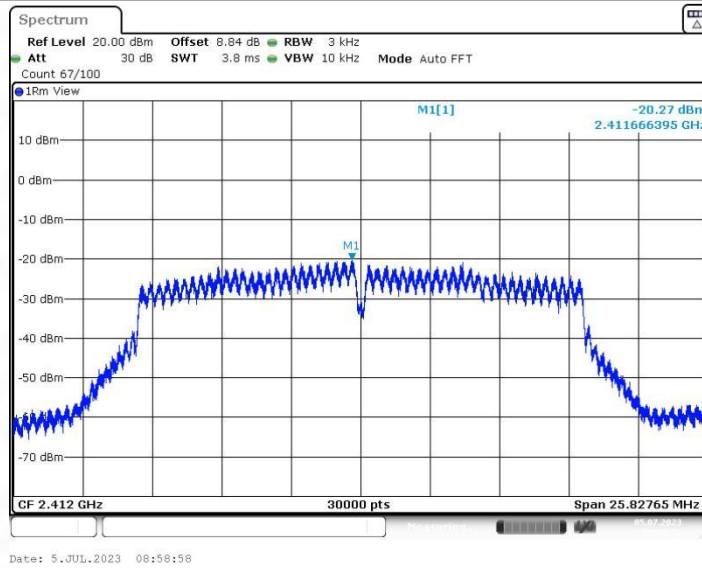
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.18	≤8.00	PASS
		2437	-16.54	≤8.00	PASS
		2462	-19.39	≤8.00	PASS
11G	Ant1	2412	-20.27	≤8.00	PASS
		2437	-20.24	≤8.00	PASS
		2462	-20.24	≤8.00	PASS
11N20SISO	Ant1	2412	-20.66	≤8.00	PASS
		2437	-20.04	≤8.00	PASS
		2462	-19.76	≤8.00	PASS
11N40SISO	Ant1	2422	-22.35	≤8.00	PASS
		2437	-21.71	≤8.00	PASS
		2452	-21.52	≤8.00	PASS

4.1.2 Test Graph

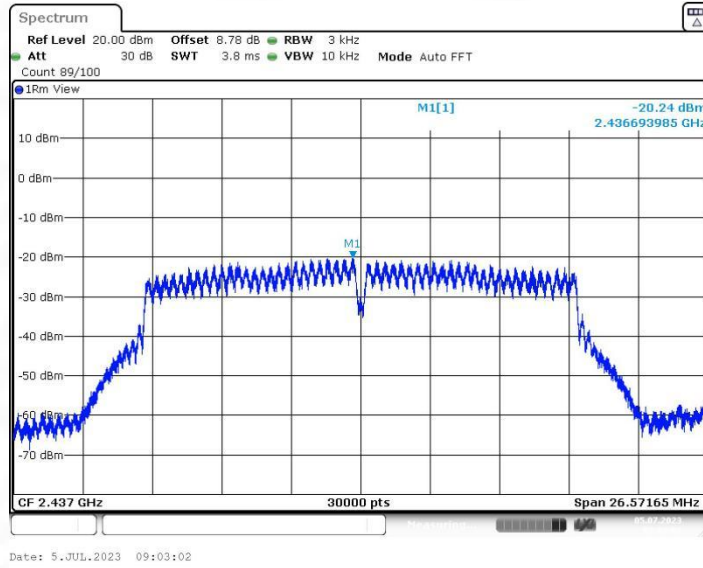




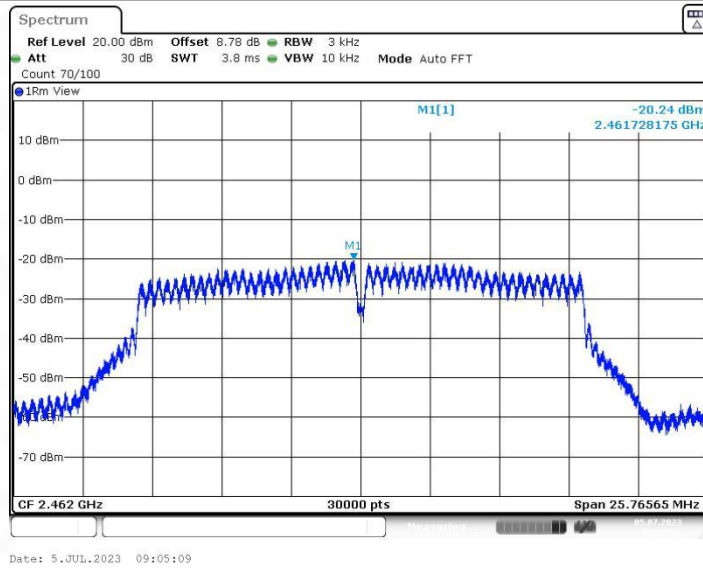
11G_Ant1_2412



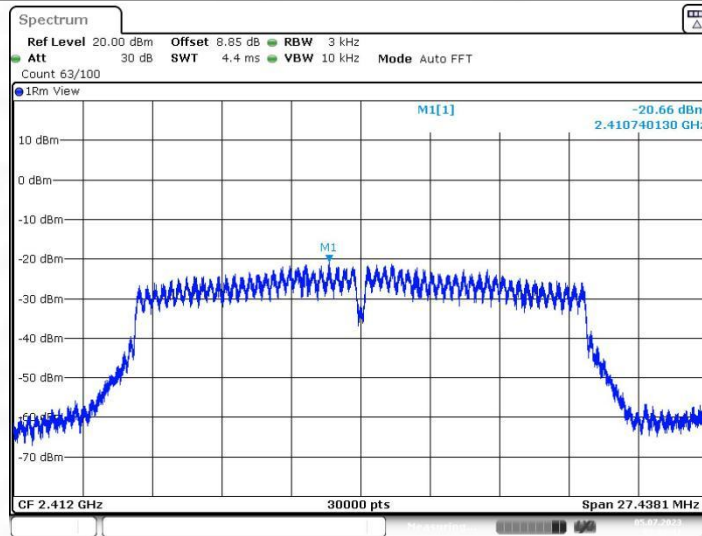
11G_Ant1_2437



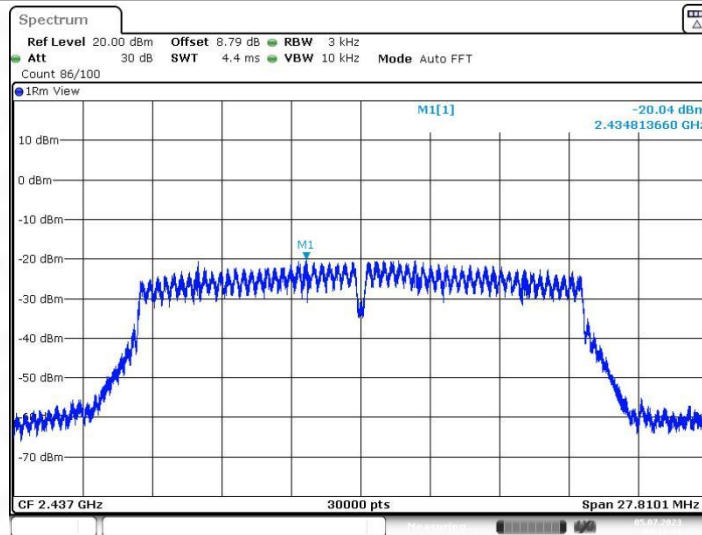
11G_Ant1_2462



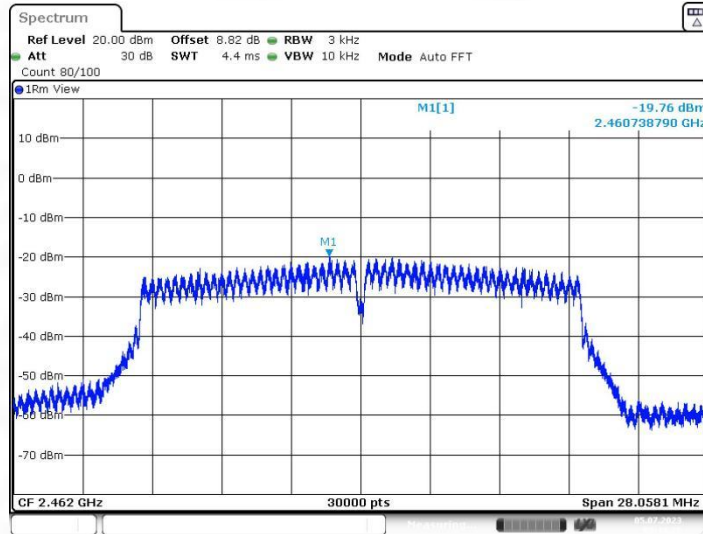
11N20SISO_Ant1_2412



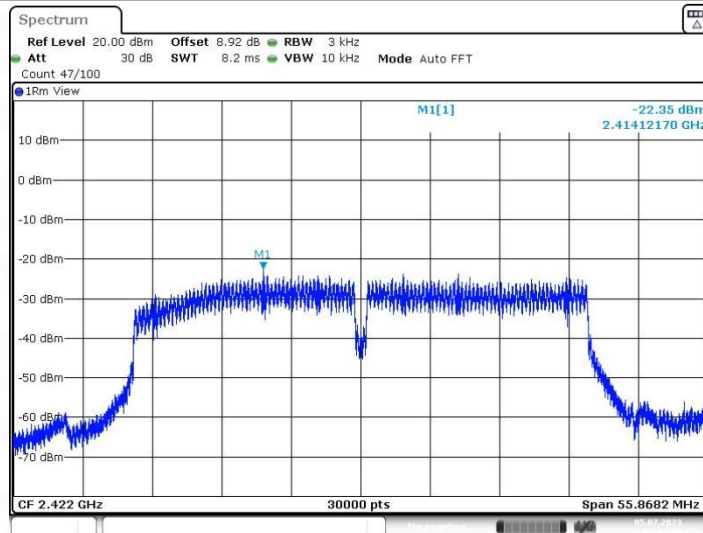
11N20SISO_Ant1_2437



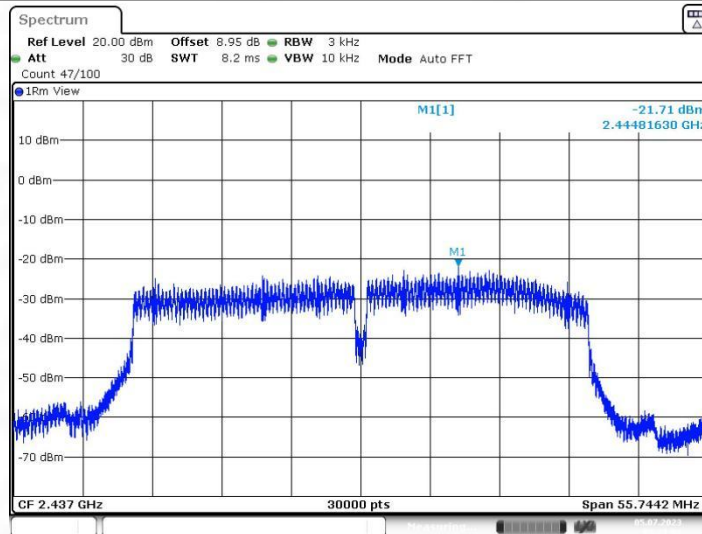
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

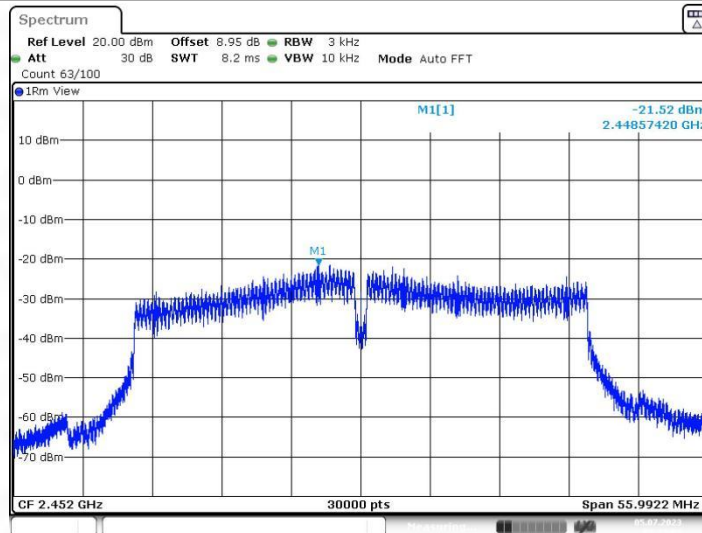


11N40SISO_Ant1_2437



Date: 5.JUL.2023 09:21:02

11N40SISO_Ant1_2452



Date: 5.JUL.2023 09:23:04

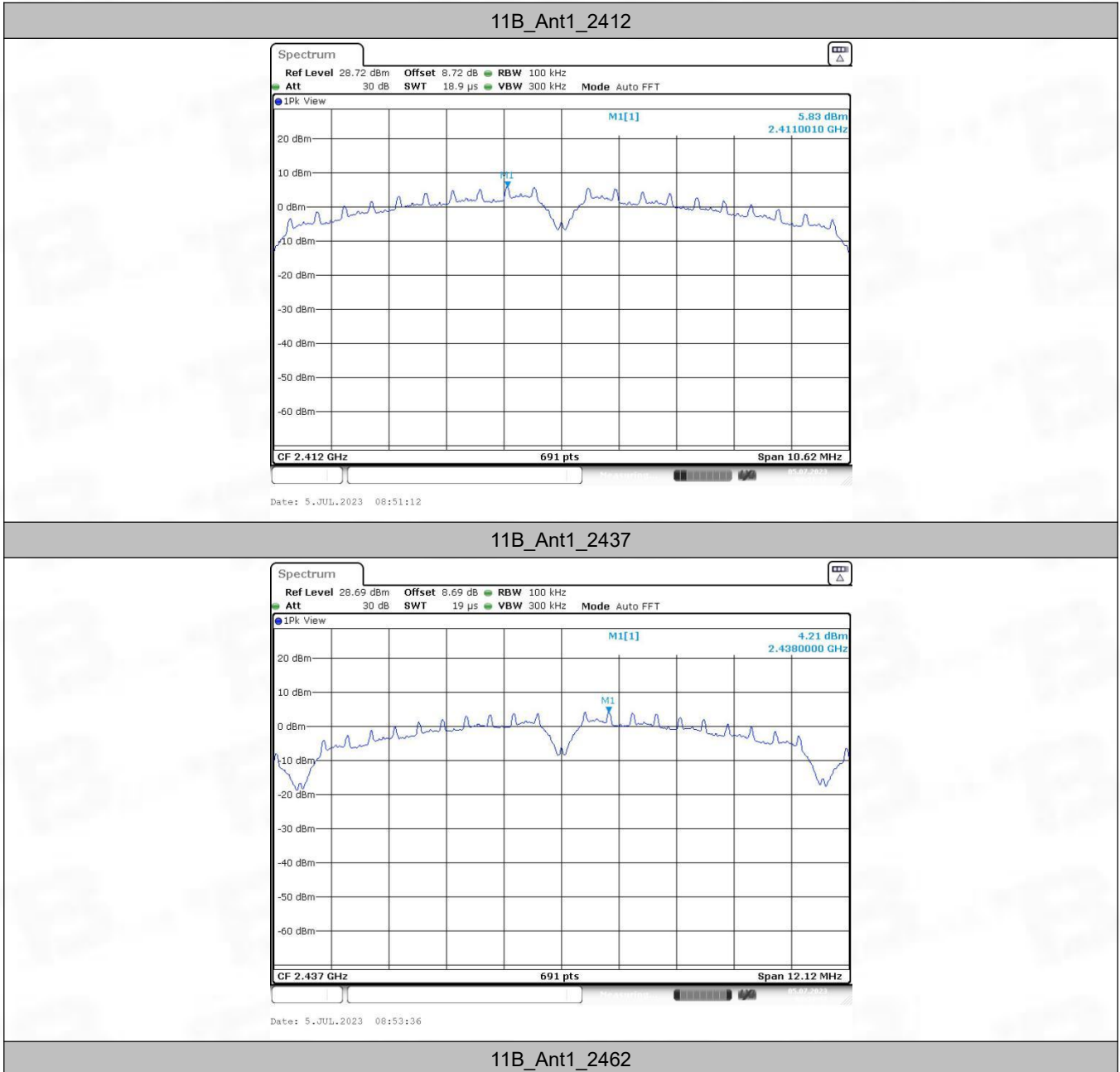
5. Unwanted Emissions In Non-restricted Frequency Bands

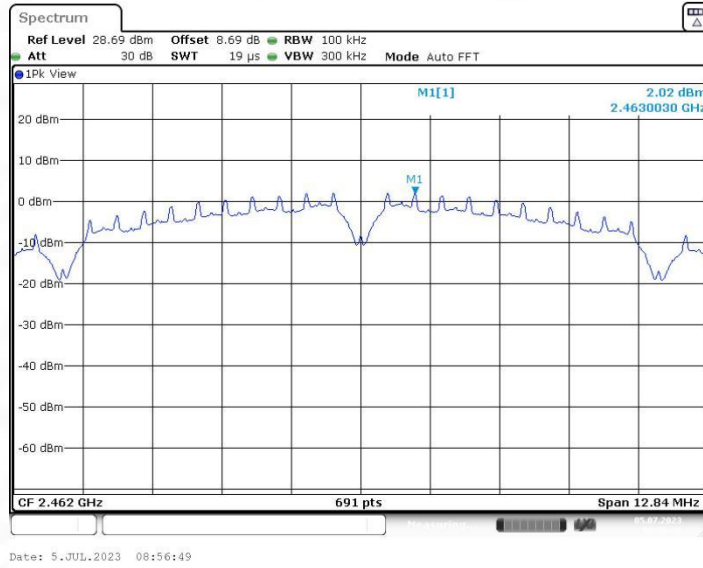
5.1 Ref

5.1.1 Test Result

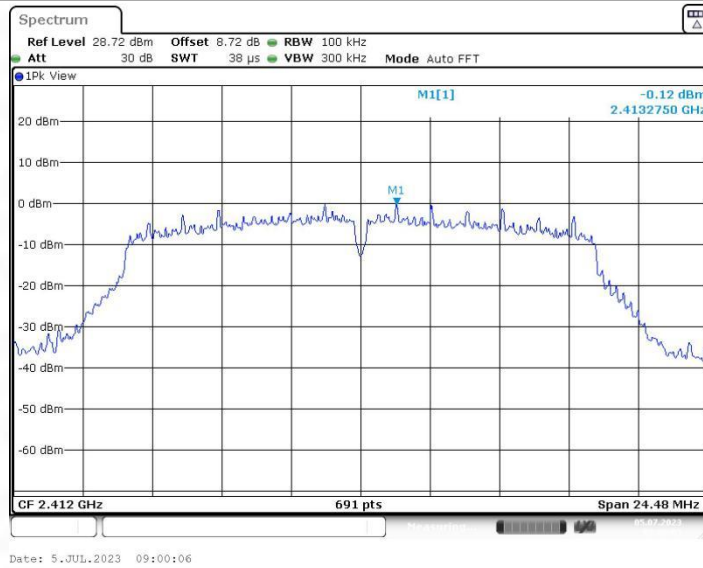
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.00	5.83
		2437	2438.00	4.21
		2462	2463.00	2.02
11G	Ant1	2412	2413.28	-0.12
		2437	2438.24	0.67
		2462	2463.27	0.71
11N20SISO	Ant1	2412	2413.24	0.05
		2437	2438.24	1.71
		2462	2460.72	0.03
11N40SISO	Ant1	2422	2416.99	-2.49
		2437	2448.28	-1.80
		2452	2449.51	-0.09

5.1.2 Test Graph

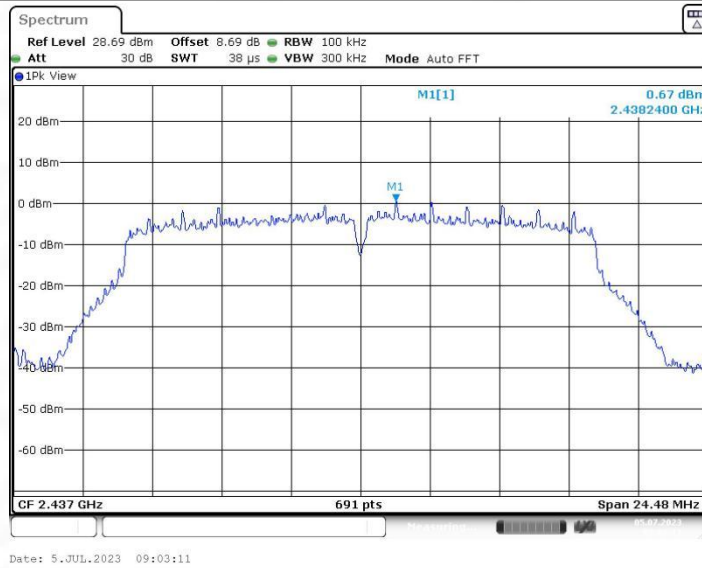




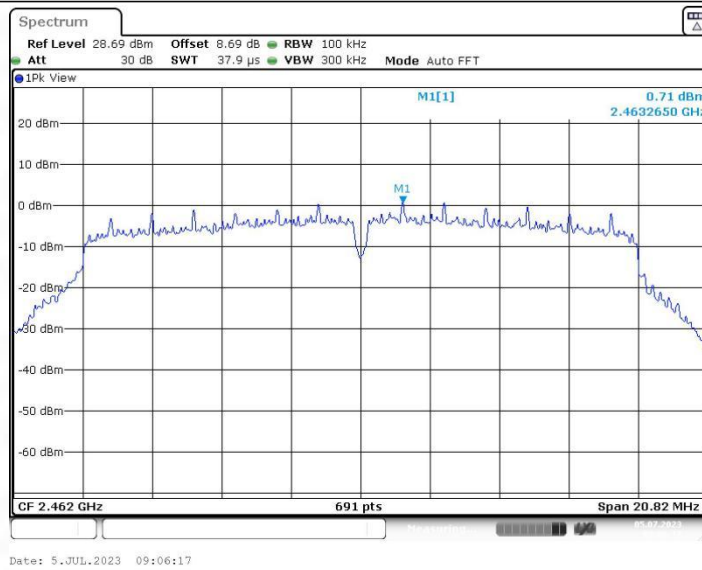
11G_Ant1_2412



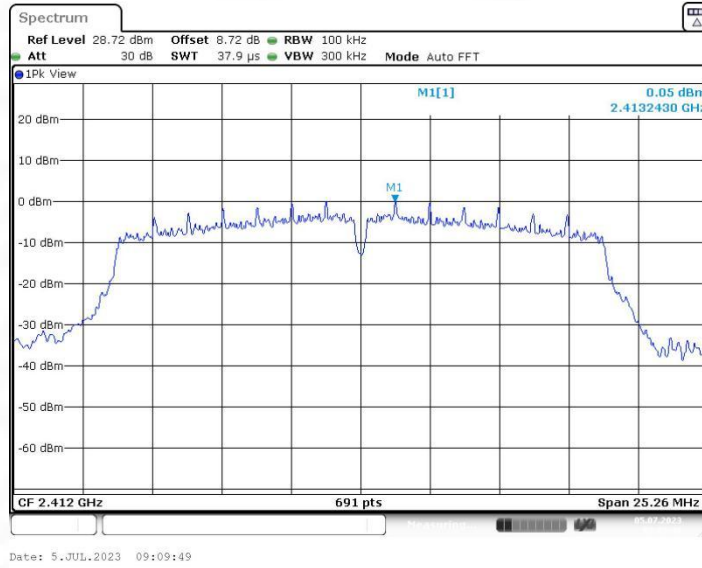
11G_Ant1_2437



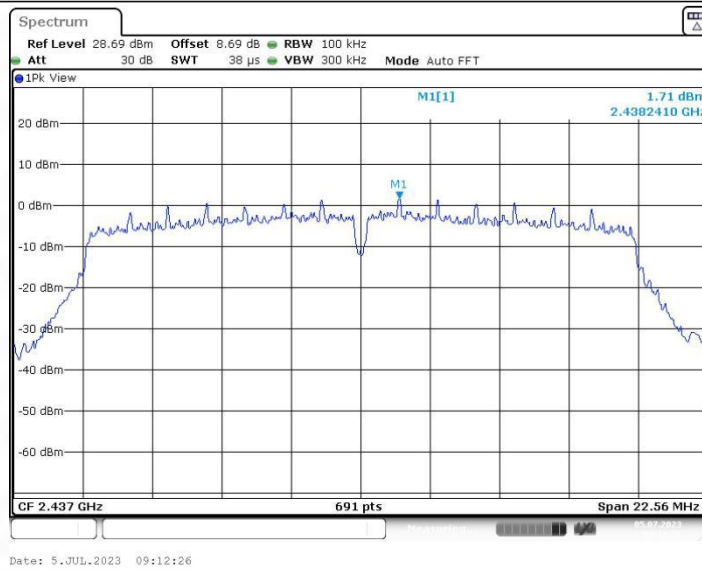
11G_Ant1_2462



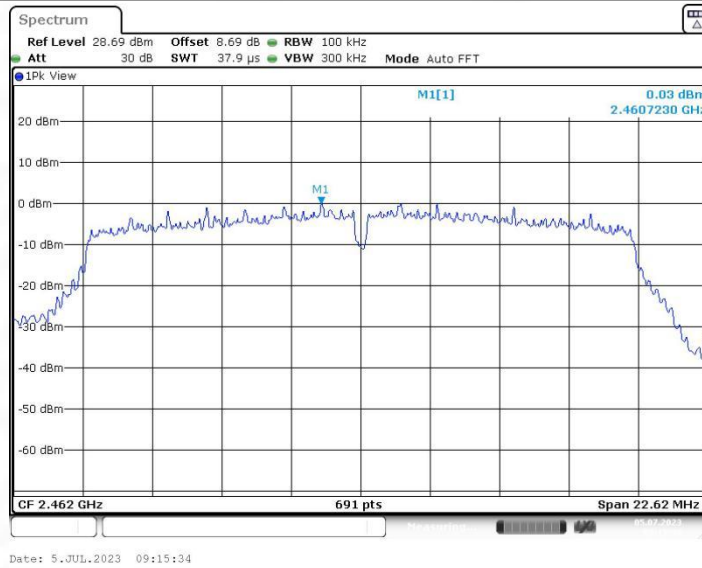
11N20SISO_Ant1_2412



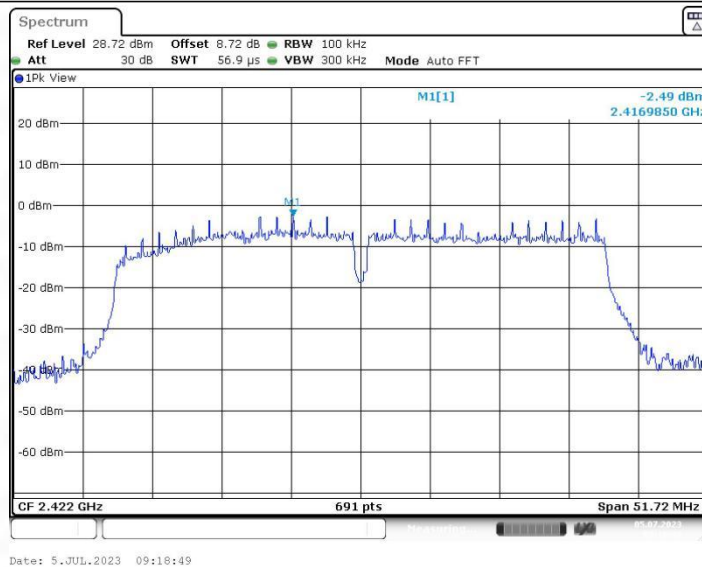
11N20SISO_Ant1_2437



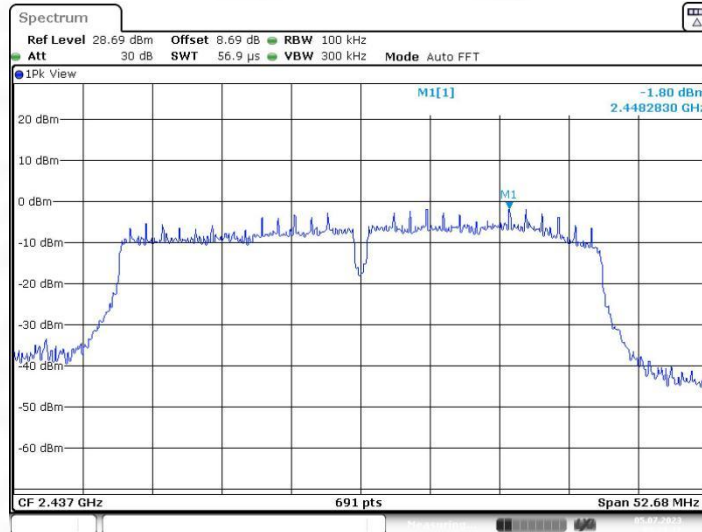
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

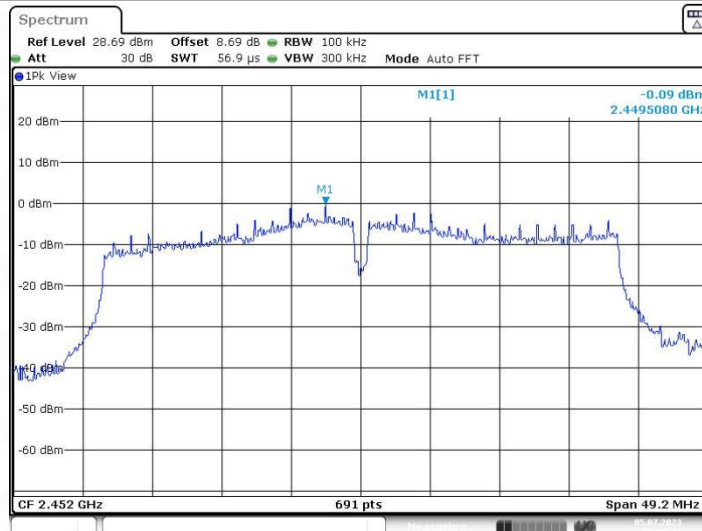


11N40SISO_Ant1_2437



Date: 5.JUL.2023 09:21:11

11N40SISO_Ant1_2452



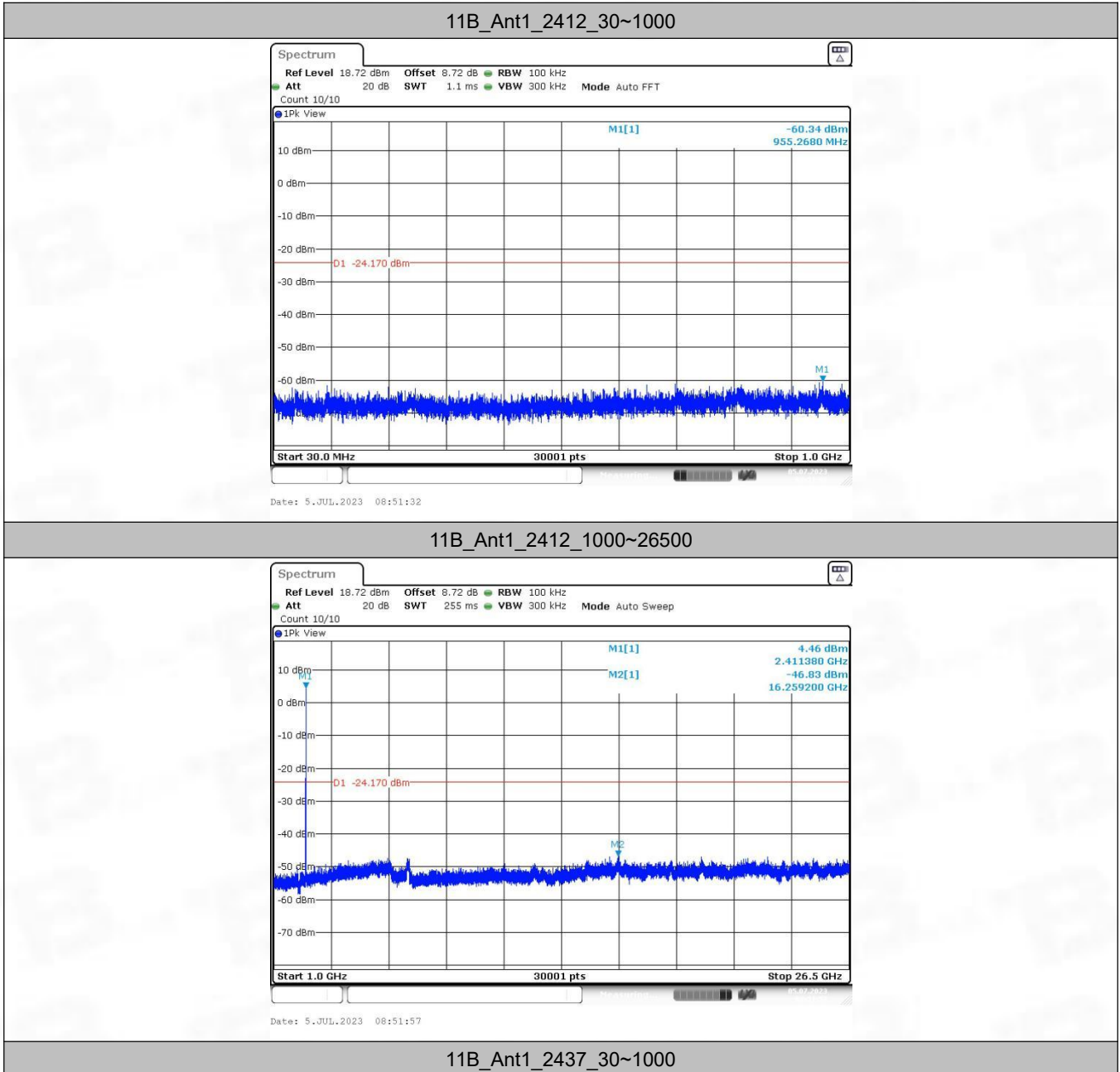
Date: 5.JUL.2023 09:24:12

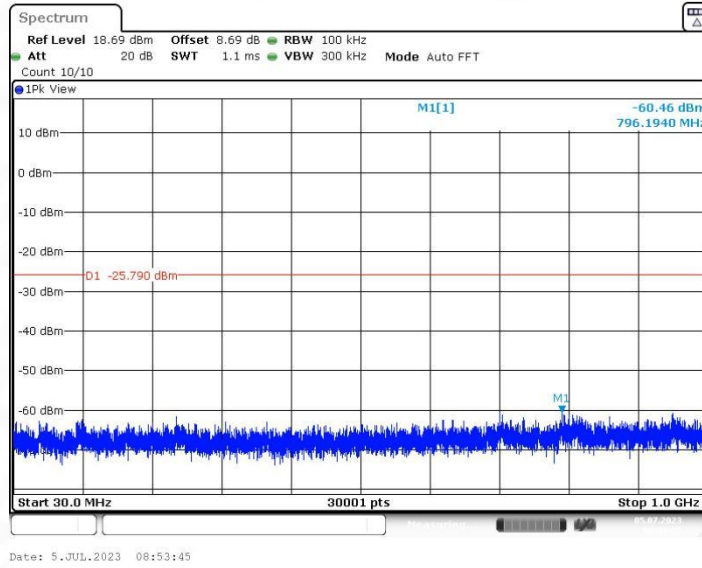
5.2 CSE

5.2.1 Test Result

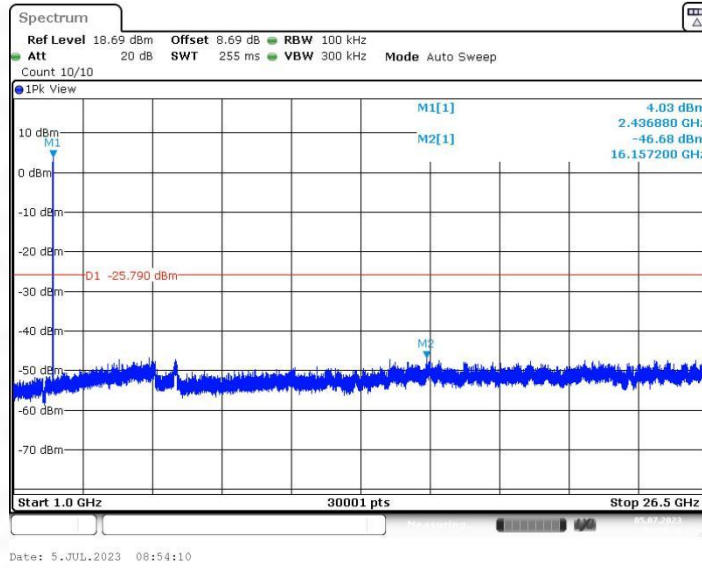
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	5.83	-60.34	≤-24.17	PASS
			1000~26500	5.83	-46.83	≤-24.17	PASS
		2437	30~1000	4.21	-60.46	≤-25.79	PASS
			1000~26500	4.21	-46.68	≤-25.79	PASS
		2462	30~1000	2.02	-60.92	≤-27.98	PASS
			1000~26500	2.02	-46.15	≤-27.98	PASS
11G	Ant1	2412	30~1000	-0.12	-60.72	≤-30.12	PASS
			1000~26500	-0.12	-47.02	≤-30.12	PASS
		2437	30~1000	0.67	-60.34	≤-29.33	PASS
			1000~26500	0.67	-46.55	≤-29.33	PASS
		2462	30~1000	0.71	-60.74	≤-29.29	PASS
			1000~26500	0.71	-46.91	≤-29.29	PASS
11N20SISO	Ant1	2412	30~1000	0.05	-60.11	≤-29.95	PASS
			1000~26500	0.05	-47	≤-29.95	PASS
		2437	30~1000	1.71	-61.18	≤-28.29	PASS
			1000~26500	1.71	-47.21	≤-28.29	PASS
		2462	30~1000	0.03	-61.11	≤-29.97	PASS
			1000~26500	0.03	-46.78	≤-29.97	PASS
11N40SISO	Ant1	2422	30~1000	-2.49	-60.2	≤-32.49	PASS
			1000~26500	-2.49	-46.42	≤-32.49	PASS
		2437	30~1000	-1.80	-60.97	≤-31.8	PASS
			1000~26500	-1.80	-37.47	≤-31.8	PASS
		2452	30~1000	-0.09	-60.87	≤-30.09	PASS
			1000~26500	-0.09	-46.7	≤-30.09	PASS

5.2.2 Test Graph

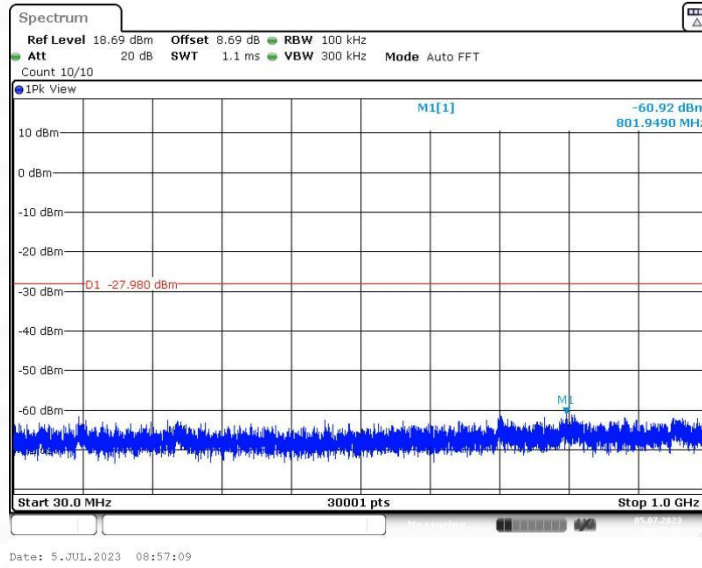




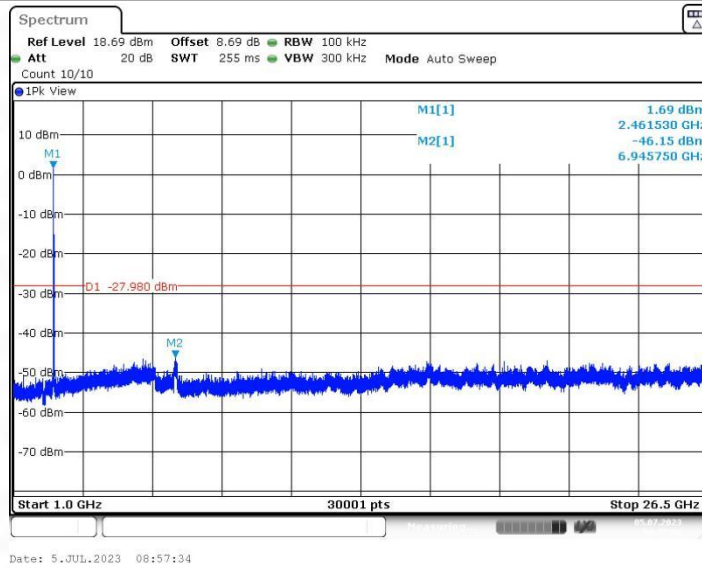
11B_Ant1_2437_1000~26500



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_30~1000