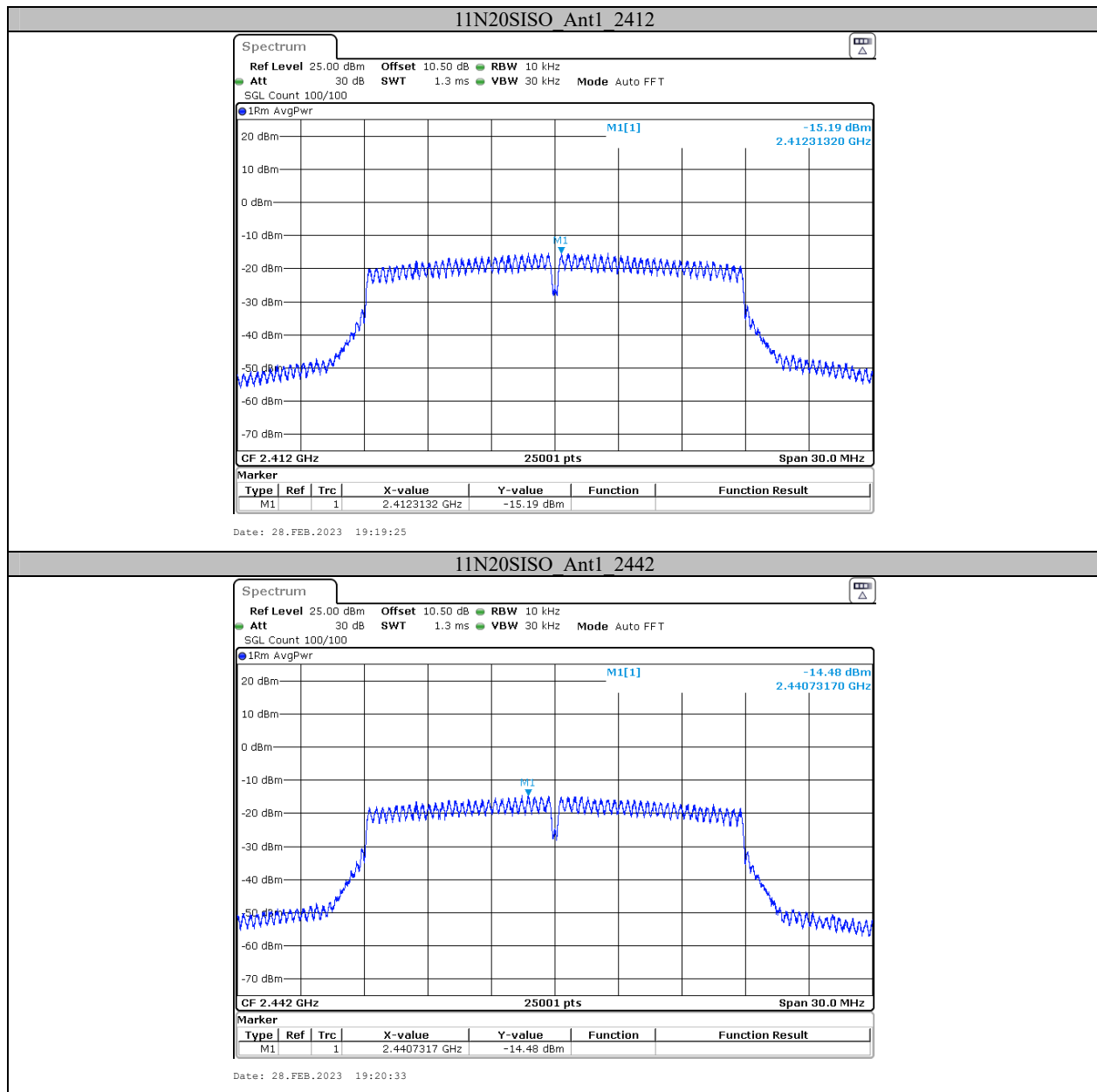
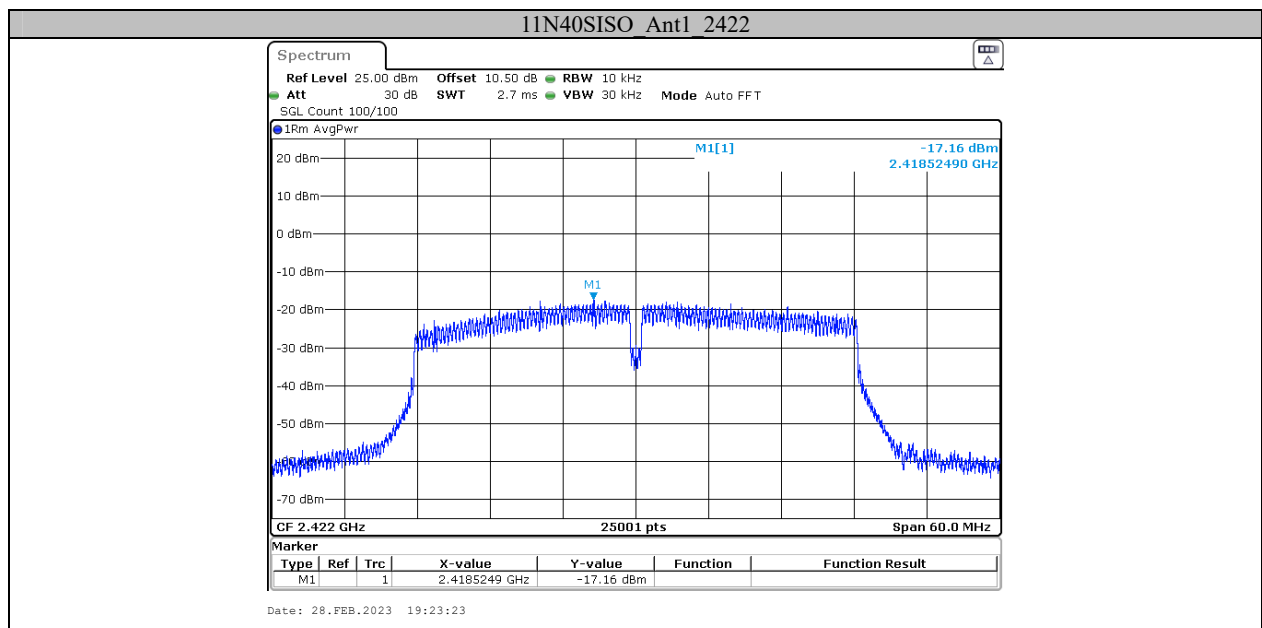
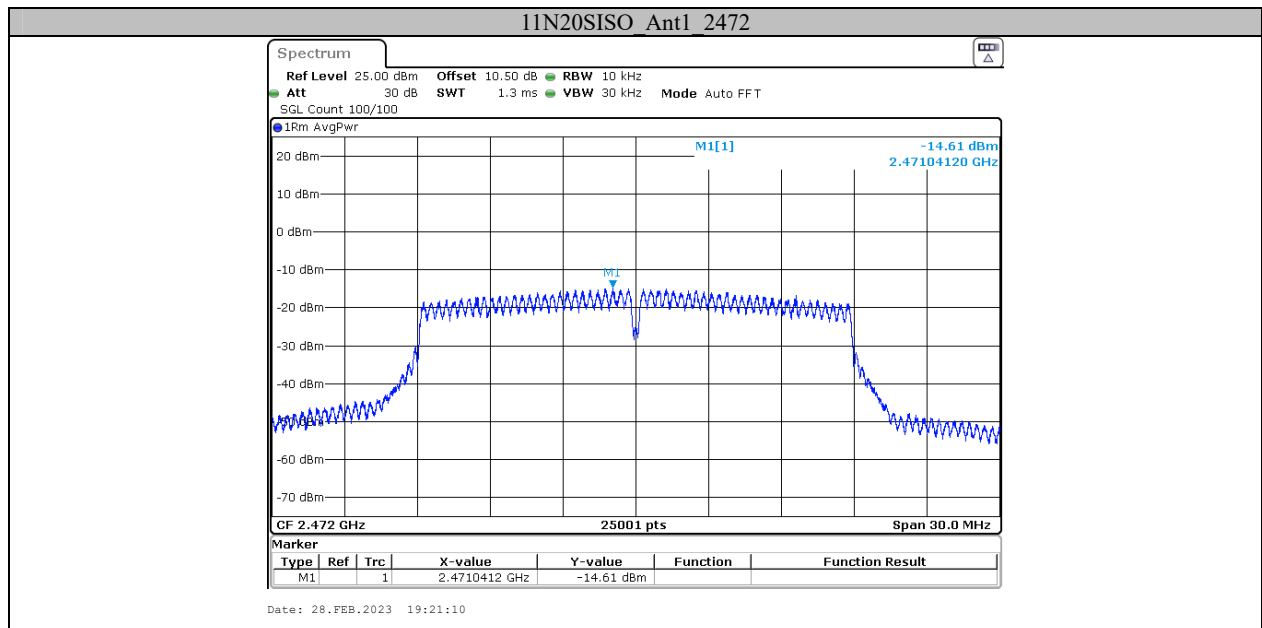
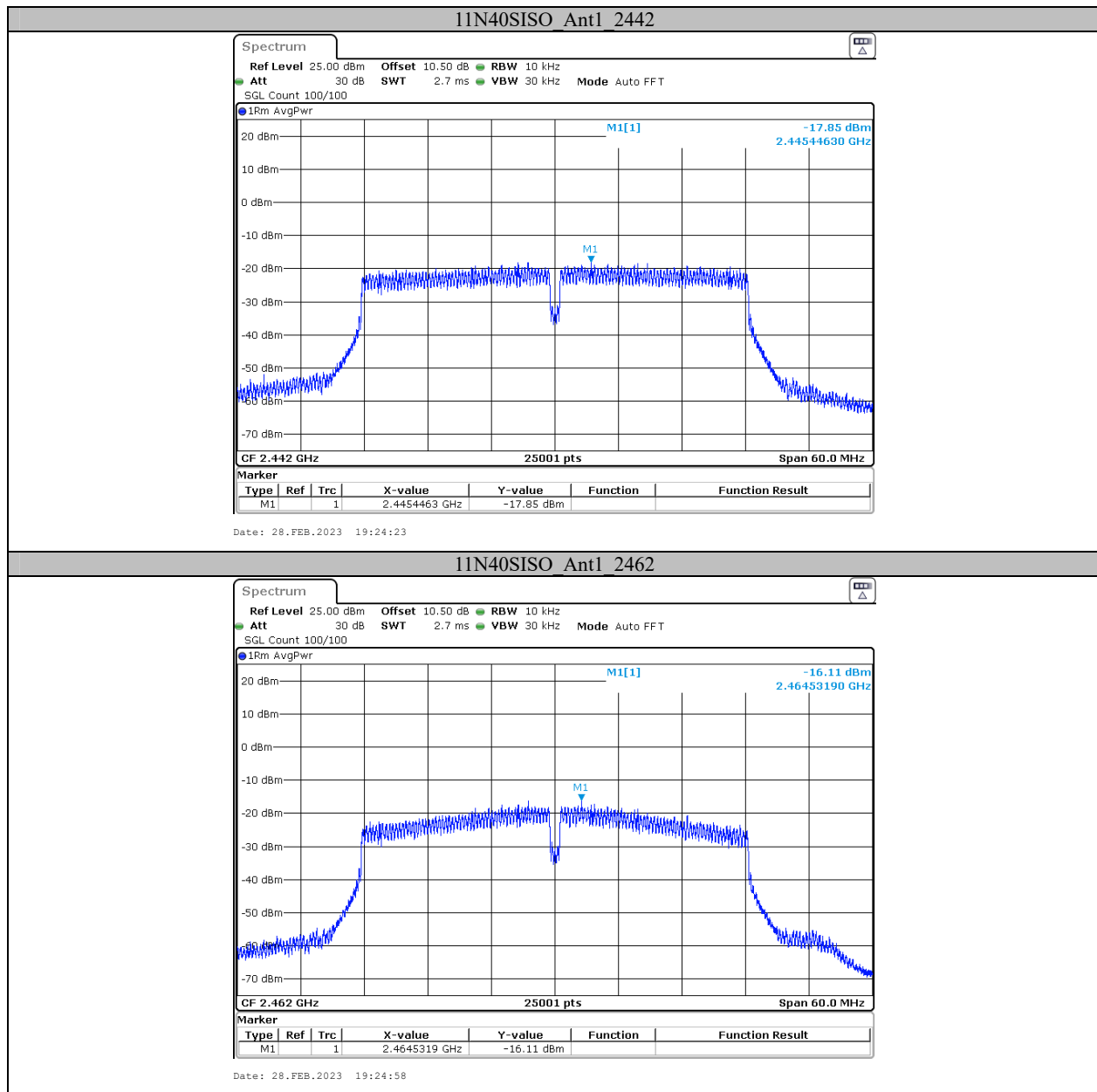




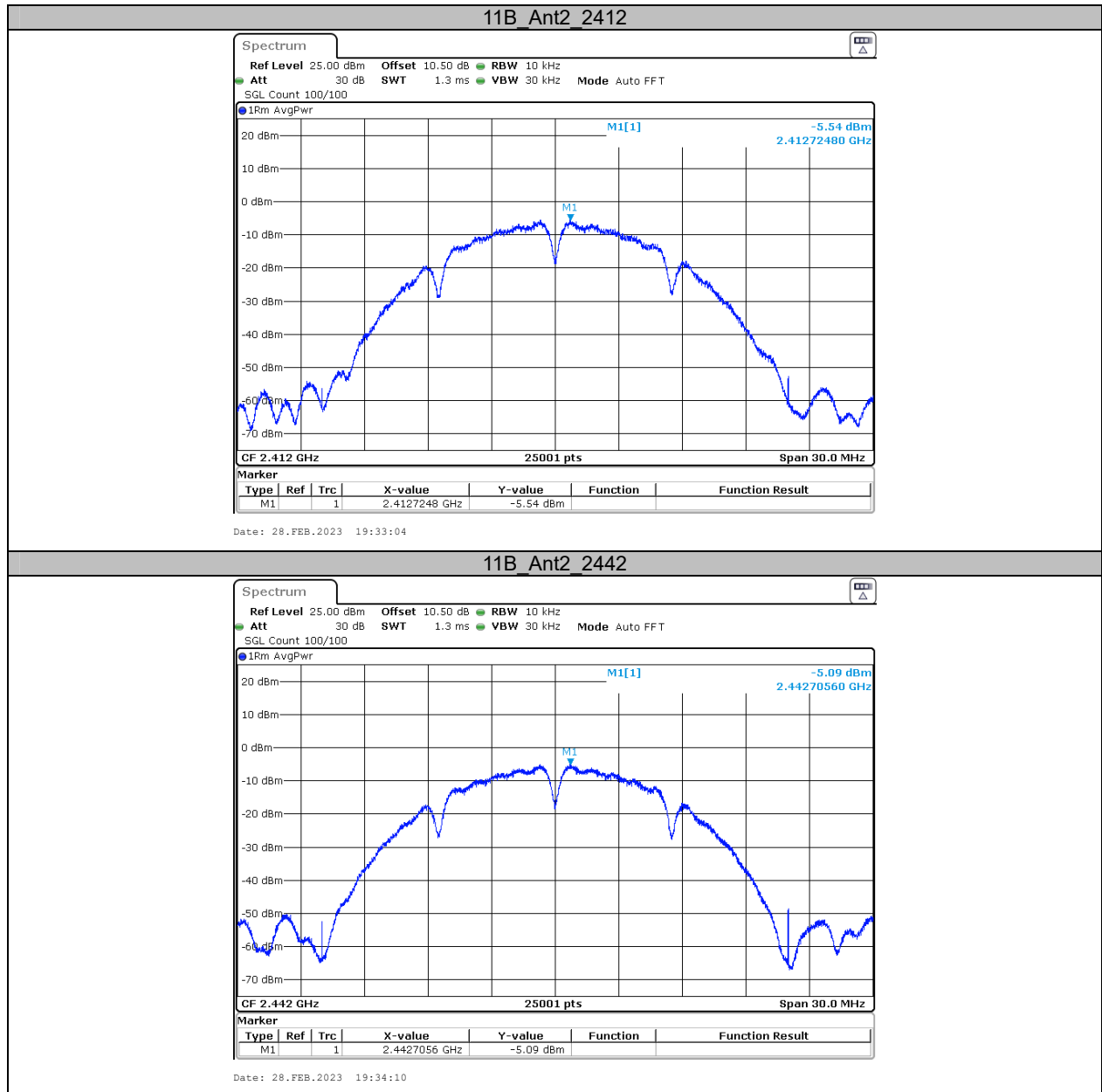


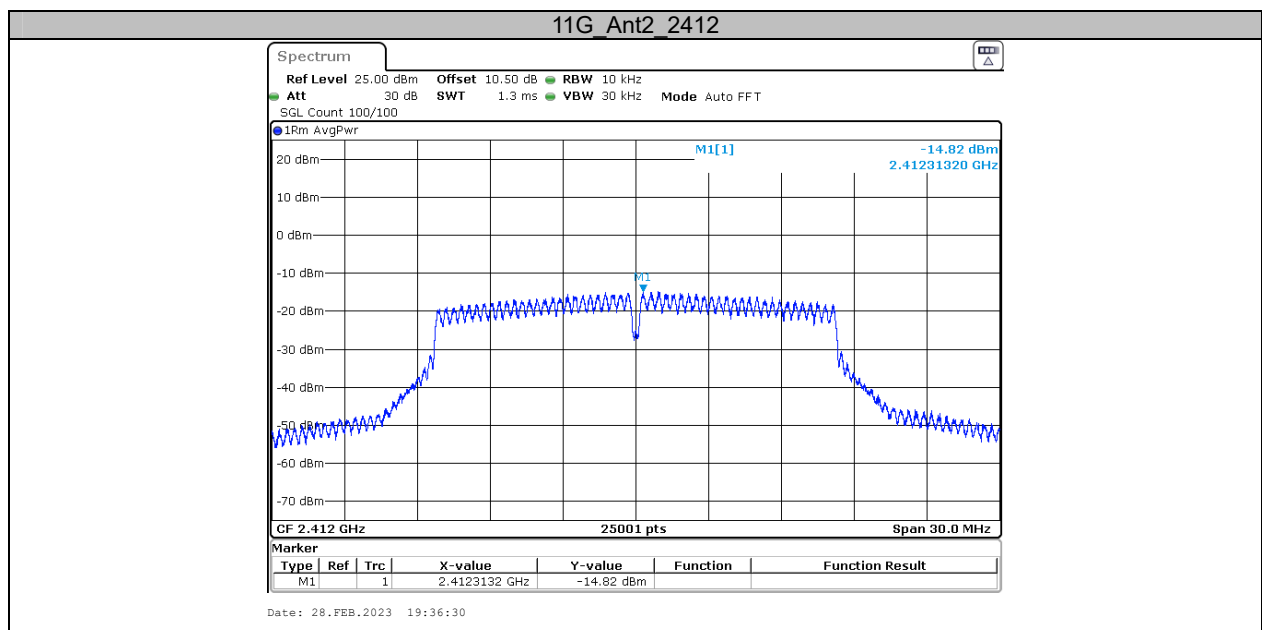
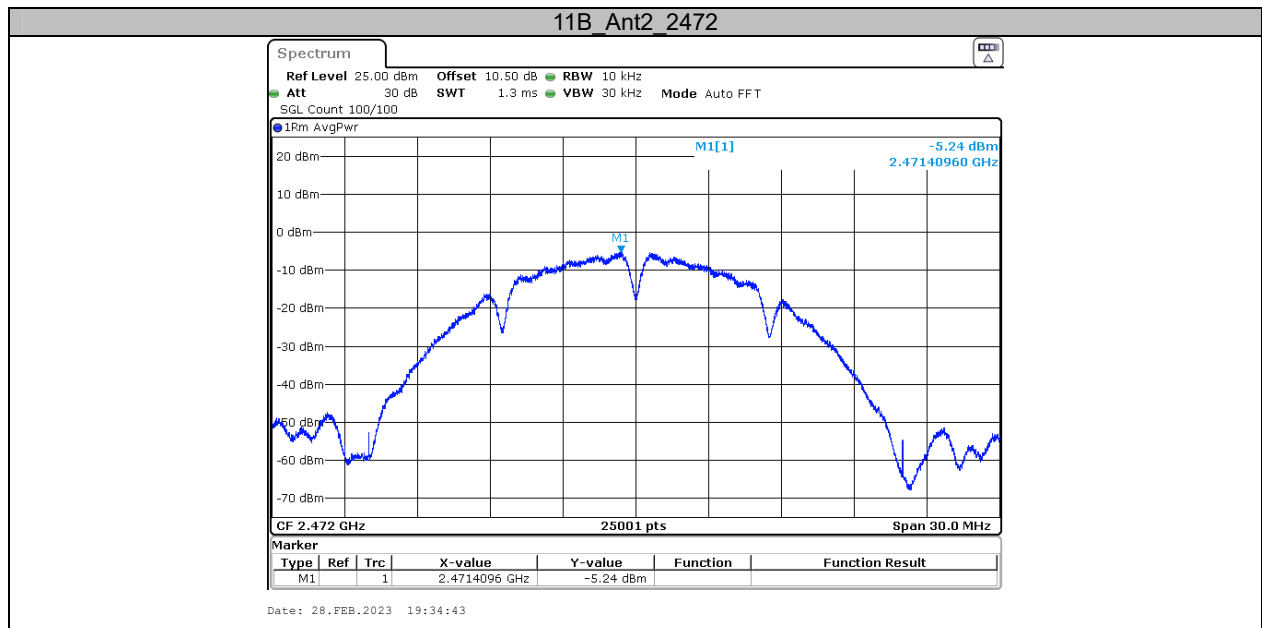


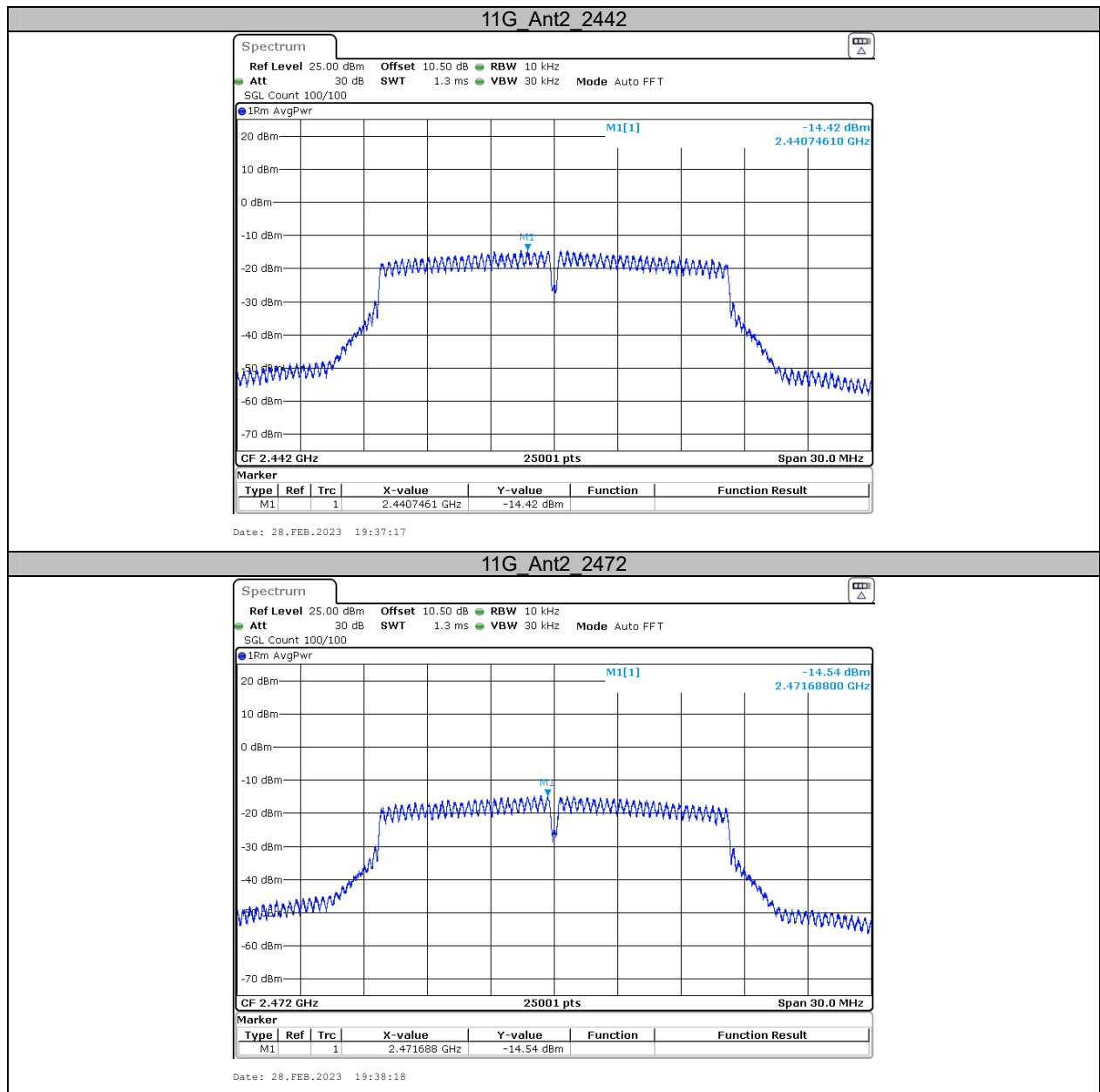
AUX Antenna:**Test Result**

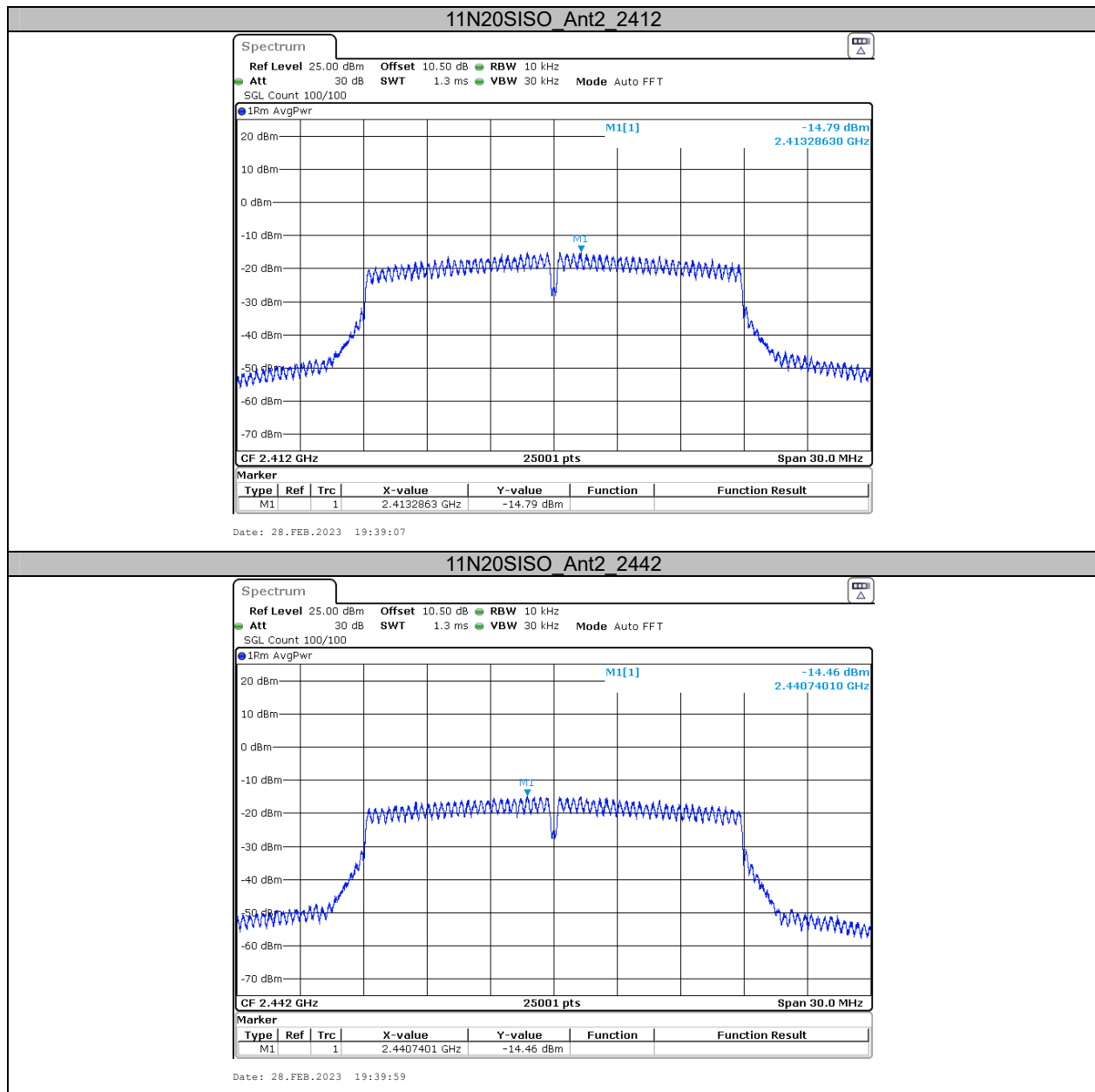
Test Mode	Antenna	Frequency[MHz]	Measured [dBm/10kHz]	Duty Cycle (%)	Result [dBm/10kHz]	Limit [dBm/3kHz]
11B	Ant2	2412	-5.54	100	-5.54	≤8.00
		2442	-5.09	100	-5.09	≤8.00
		2472	-5.24	100	-5.24	≤8.00
11G	Ant2	2412	-14.82	100	-14.82	≤8.00
		2442	-14.42	100	-14.42	≤8.00
		2472	-14.54	100	-14.54	≤8.00
11N20SISO	Ant2	2412	-14.79	100	-14.79	≤8.00
		2442	-14.46	100	-14.46	≤8.00
		2472	-14.46	100	-14.46	≤8.00
11N40SISO	Ant2	2422	-18.15	100	-18.15	≤8.00
		2442	-18.23	100	-18.23	≤8.00
		2462	-16.97	100	-16.97	≤8.00

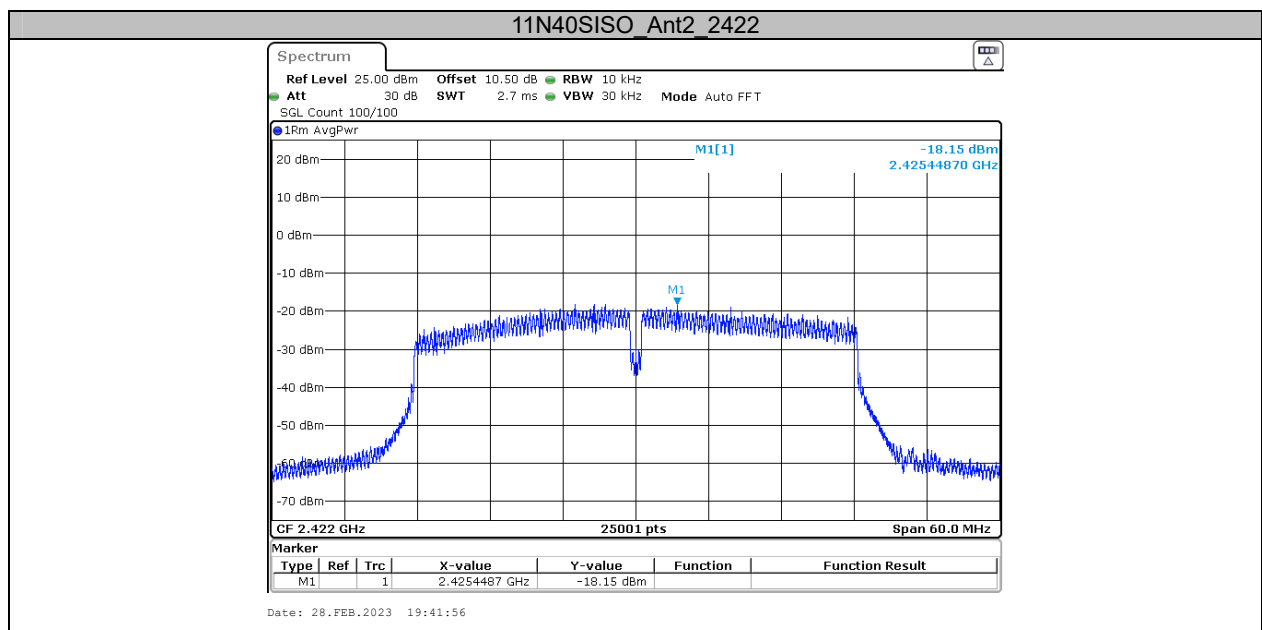
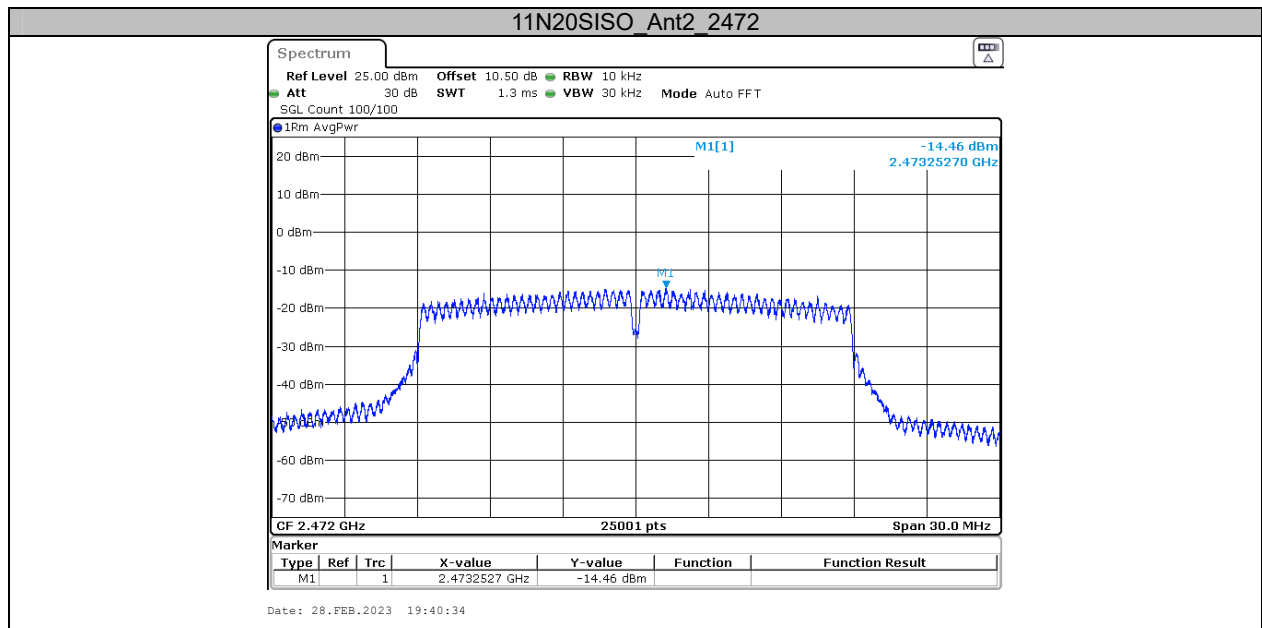
Test Graphs

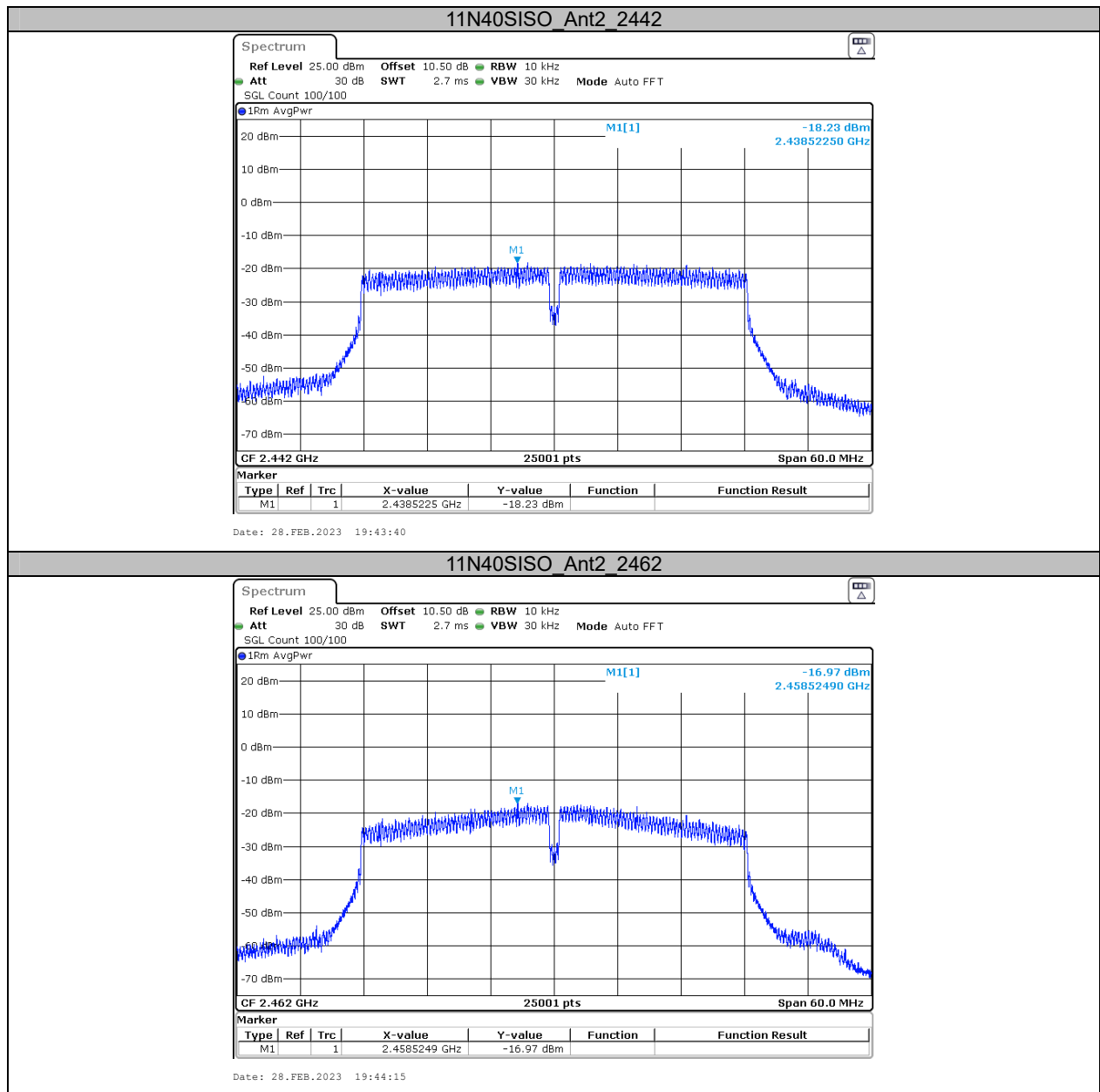








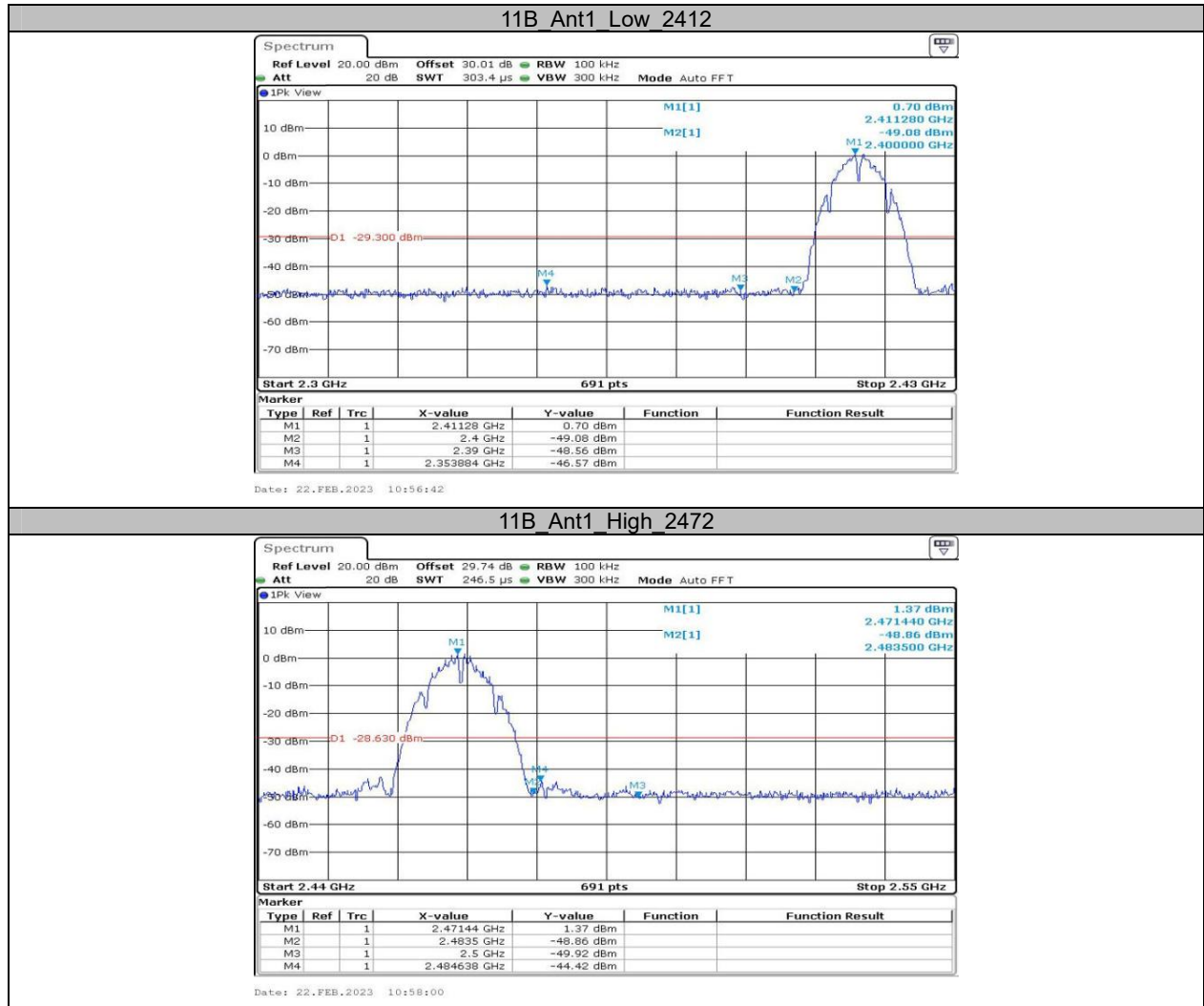




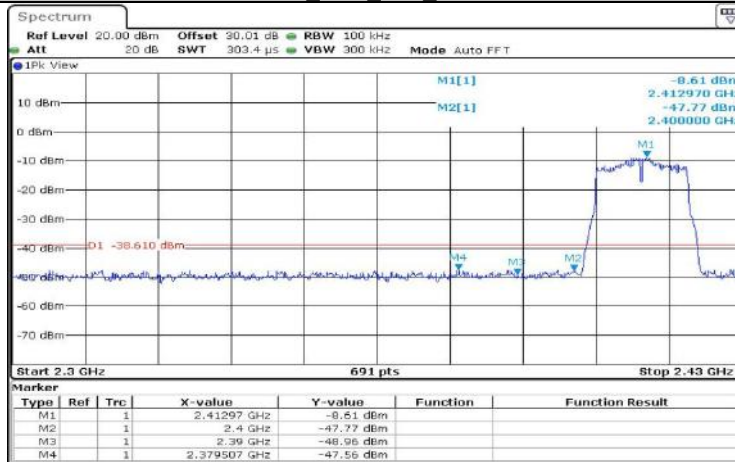
Appendix E: Band edge measurements

Main Antenna:

Test Graphs

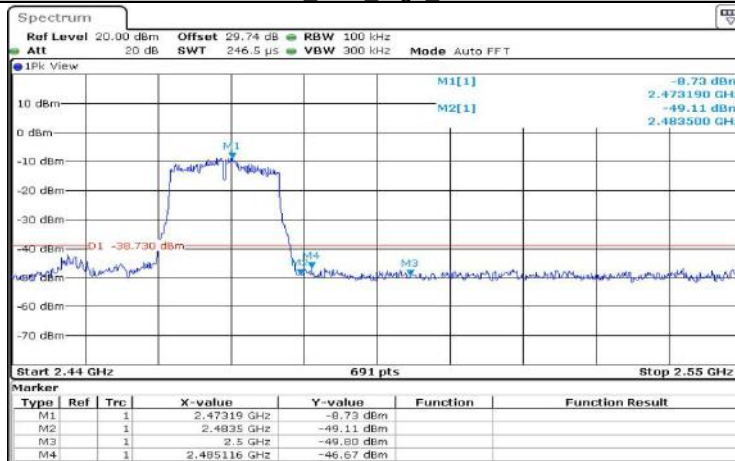


11G Ant1 Low 2412



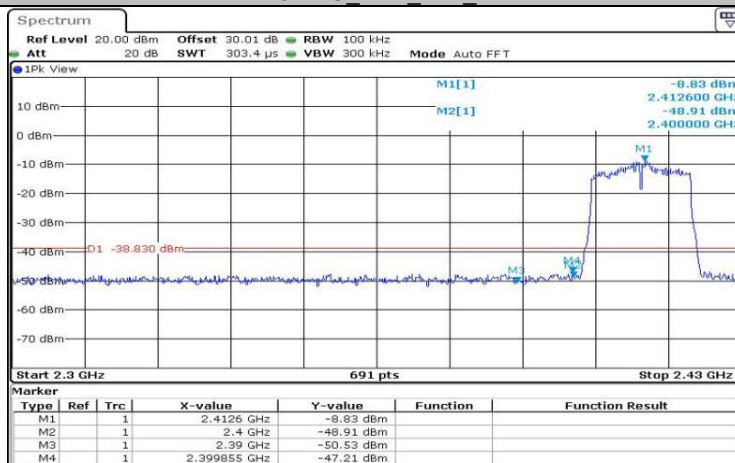
Date: 22.FEB.2023 10:58:52

11G Ant1 High 2472

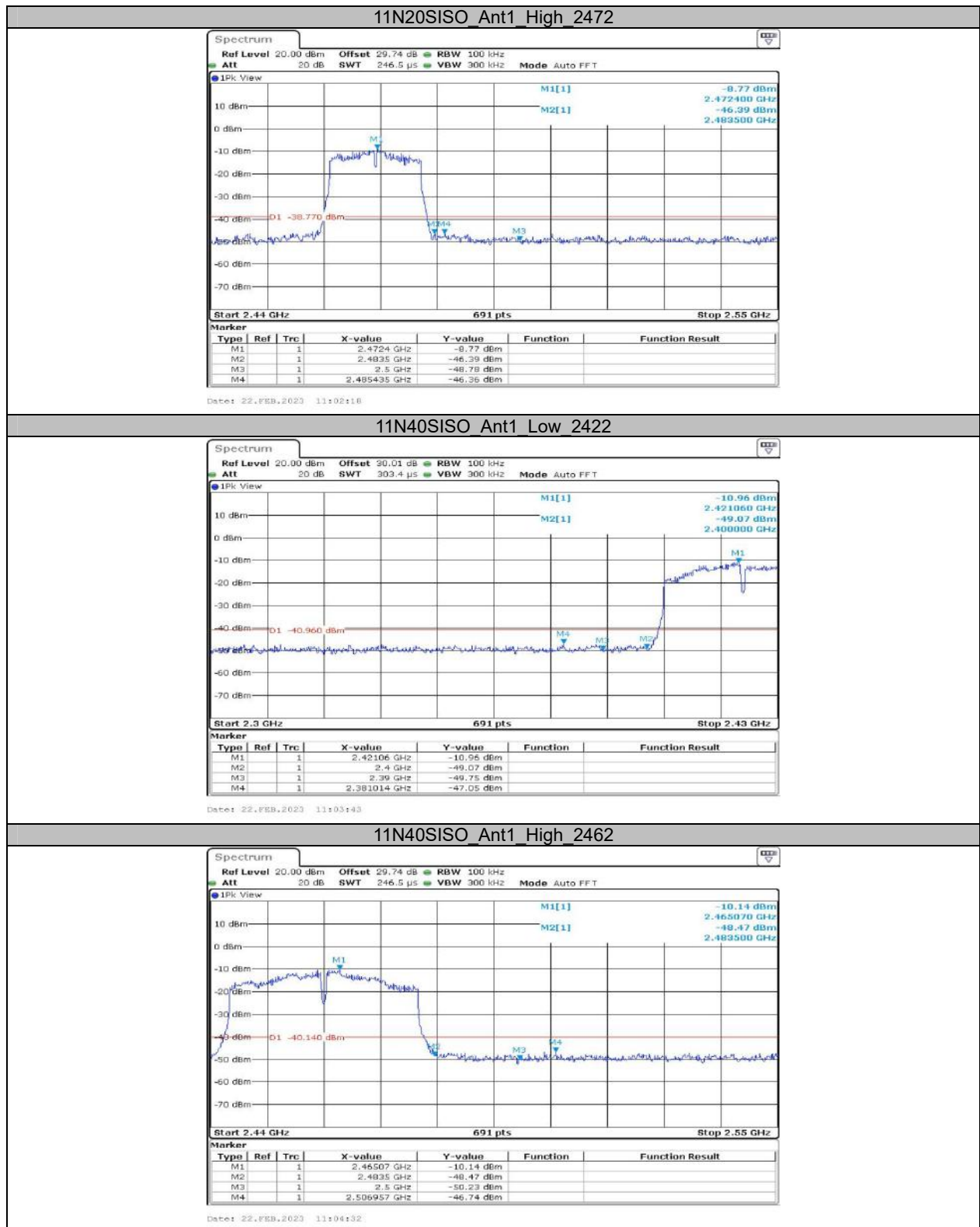


Date: 22.FEB.2023 10:59:55

11N20SISO Ant1 Low 2412

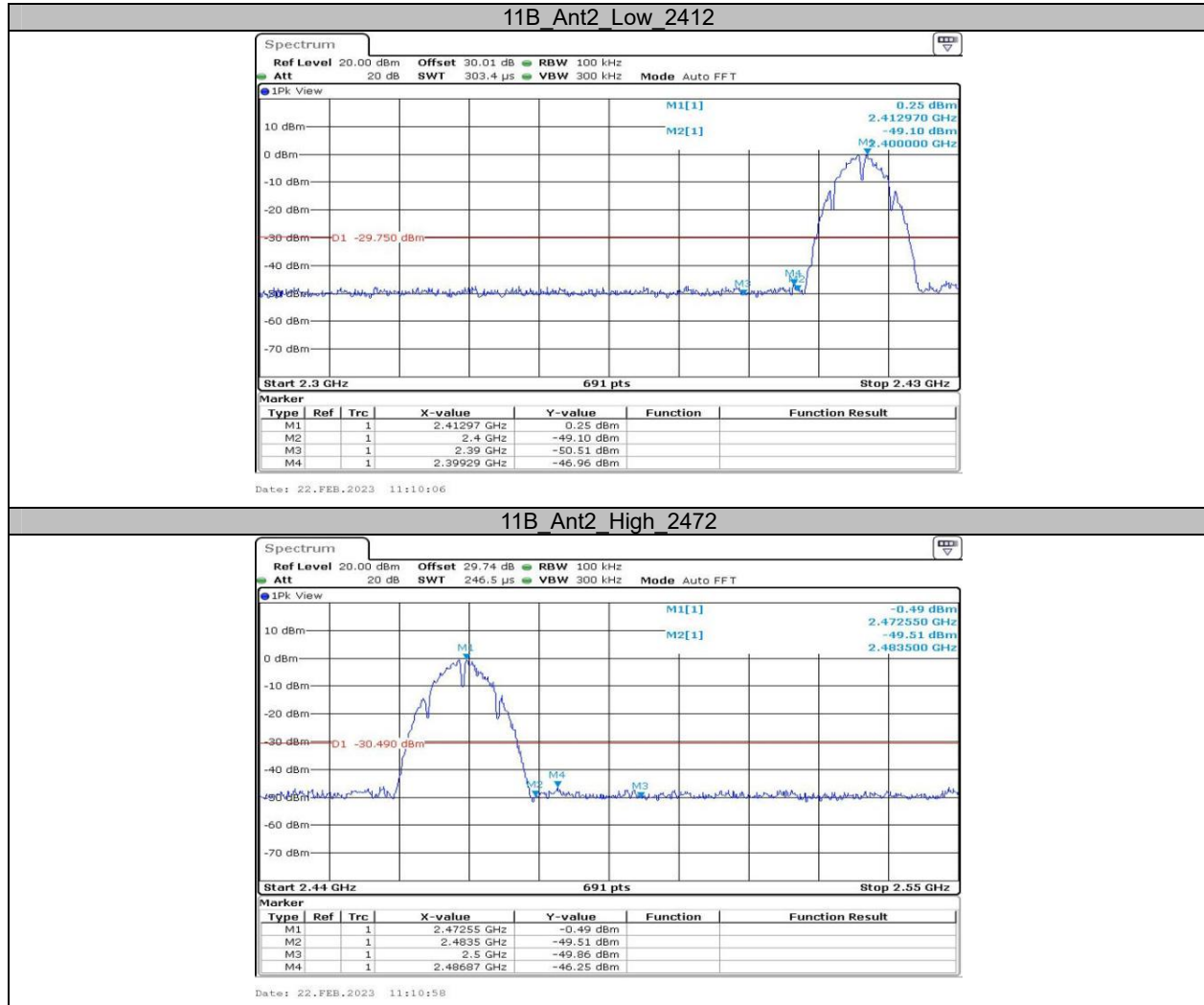


Date: 22.FEB.2023 11:01:14

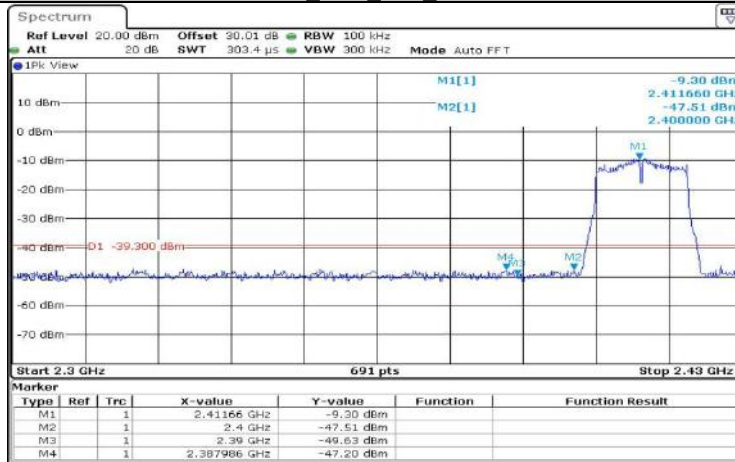


AUX Antenna:

Test Graphs

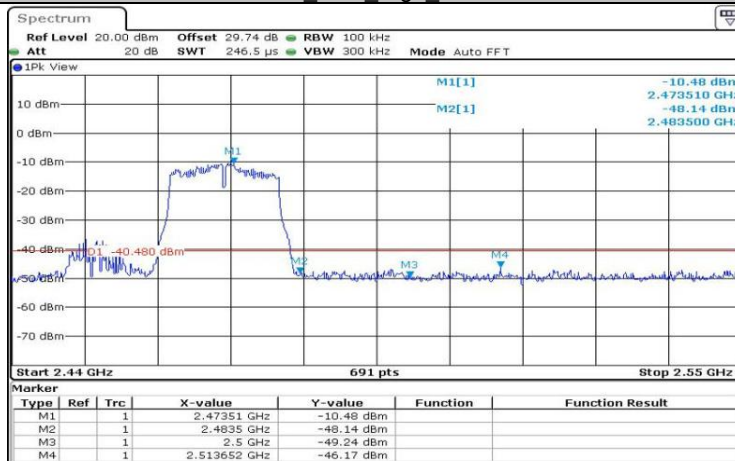


11G Ant2 Low 2412



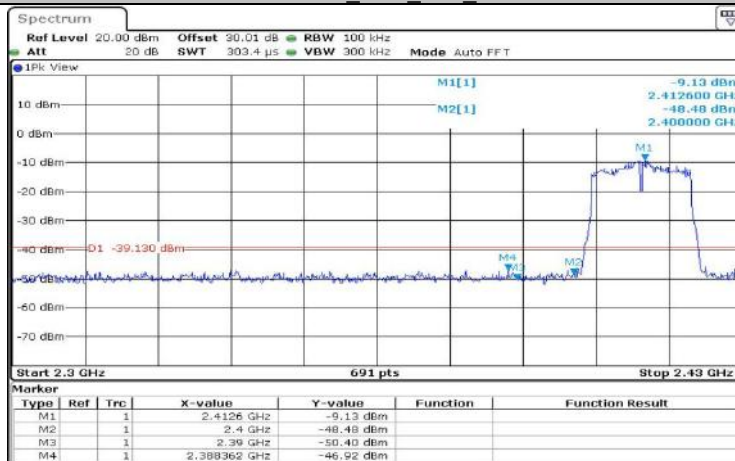
Date: 22.FEB.2023 11:11:55

11G Ant2 High 2472



Date: 22.FEB.2023 11:12:40

11N20SISO Ant2 Low 2412



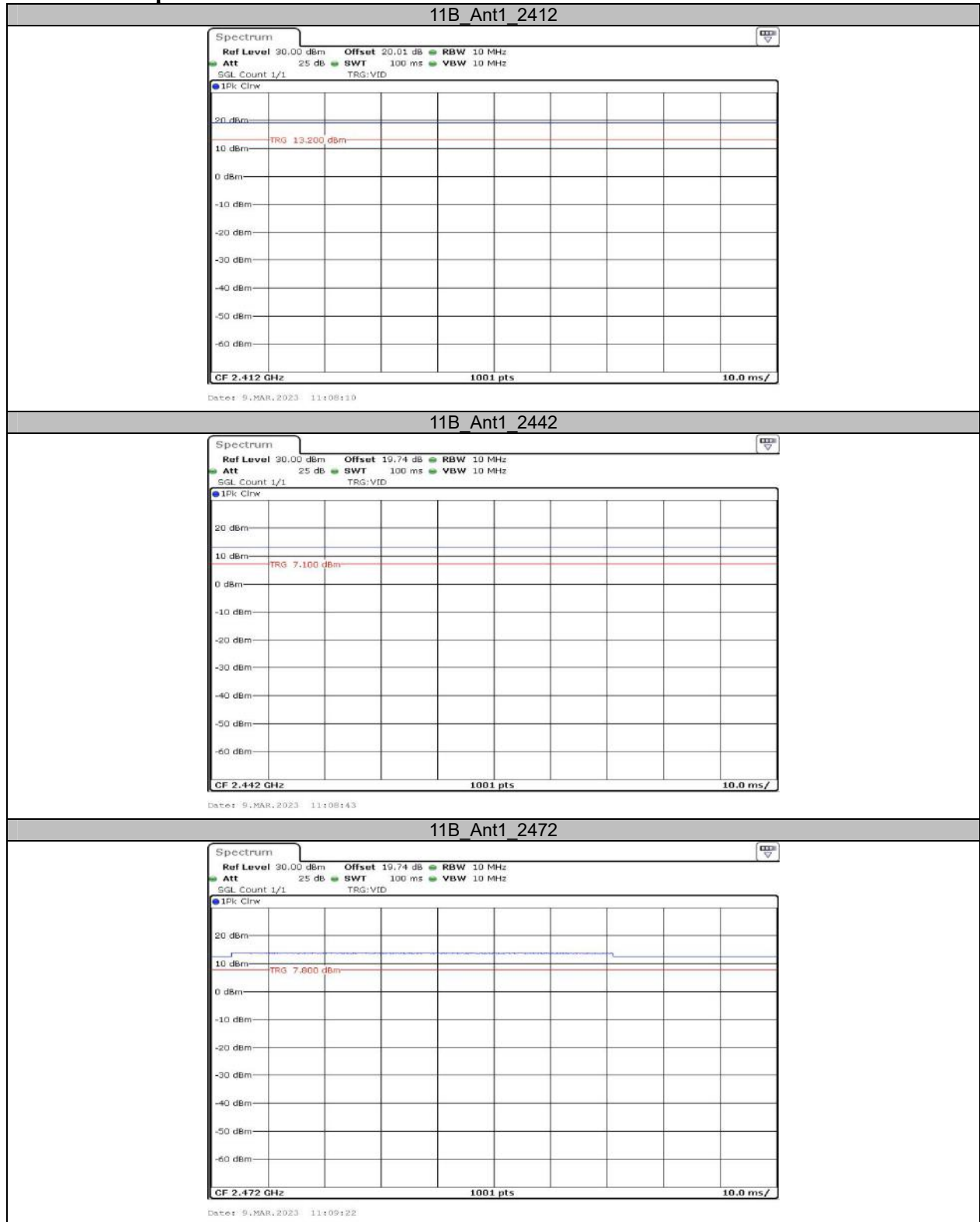
Date: 22.FEB.2023 11:13:48



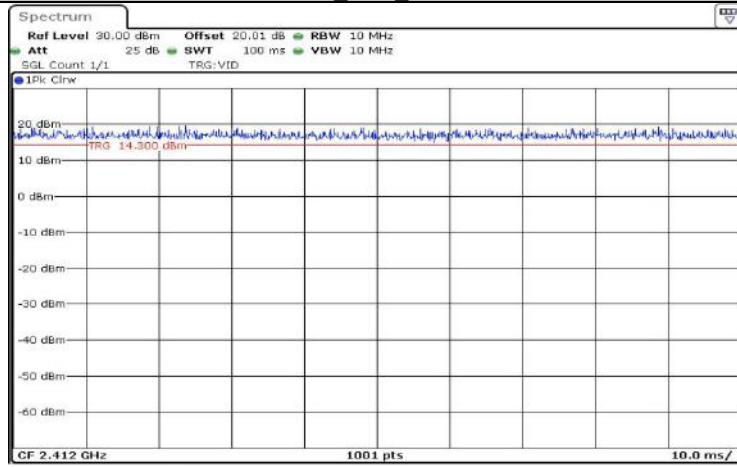
Appendix F: Duty Cycle**Main Antenna:****Test Result**

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11G	Ant1	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11N20SISO	Ant1	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11N40SISO	Ant1	2422	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2462	100.00	100.00	100.00

Test Graphs

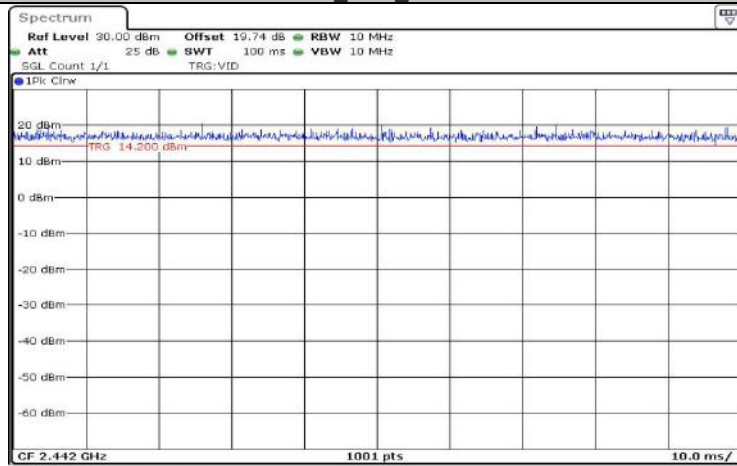


11G_Ant1_2412



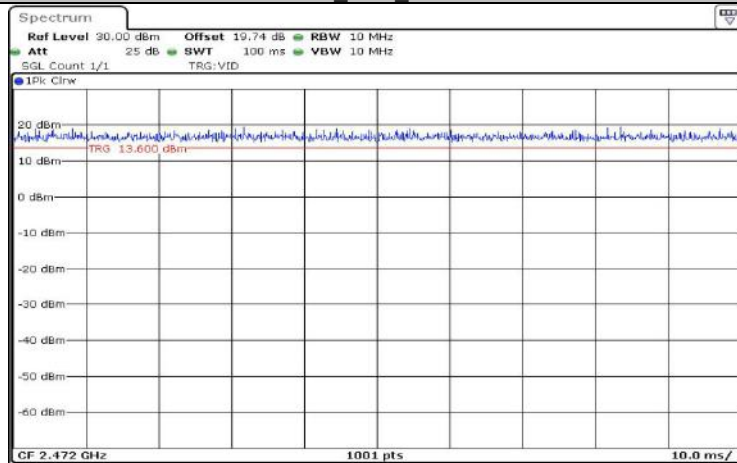
Date: 9.MAR.2023 11:10:13

11G_Ant1_2442



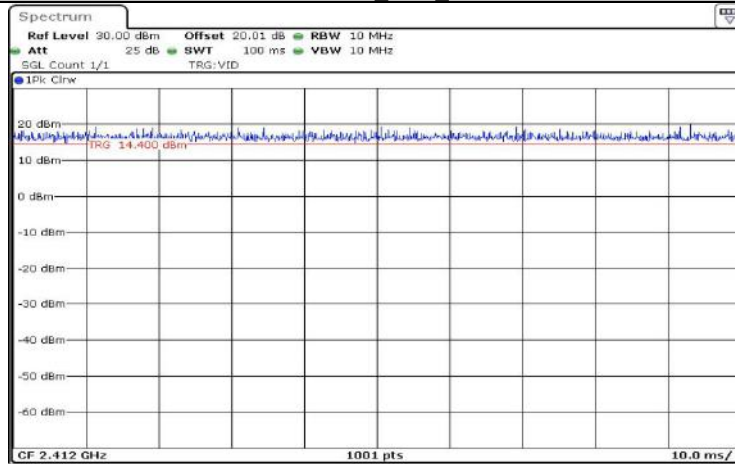
Date: 9.MAR.2023 11:10:45

11G_Ant1_2472



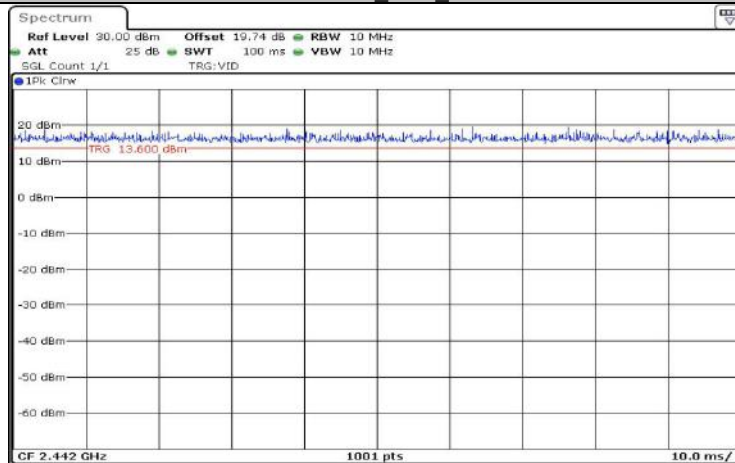
Date: 9.MAR.2023 11:11:15

11N20SISO_Ant1_2412



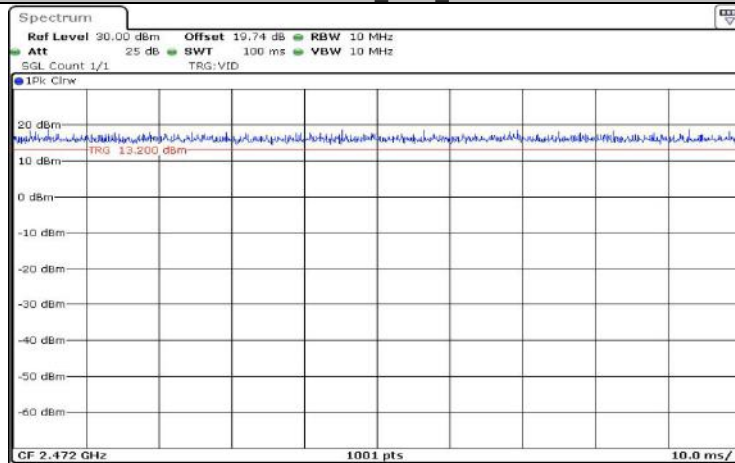
Date: 9.MAR.2023 11:11:57

11N20SISO_Ant1_2442



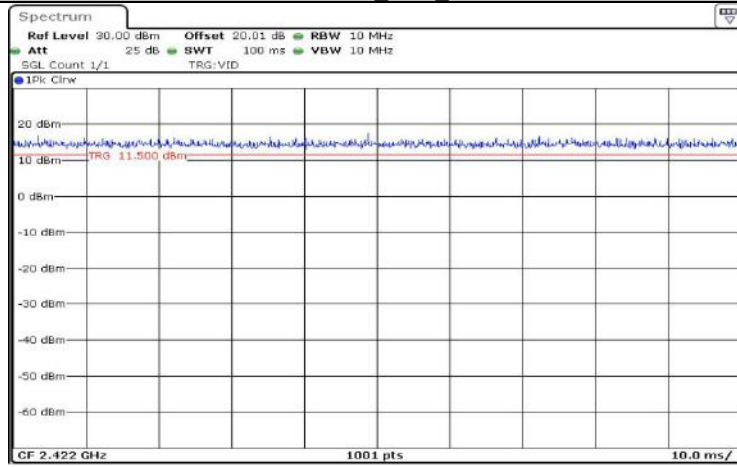
Date: 9.MAR.2023 11:13:16

11N20SISO_Ant1_2472



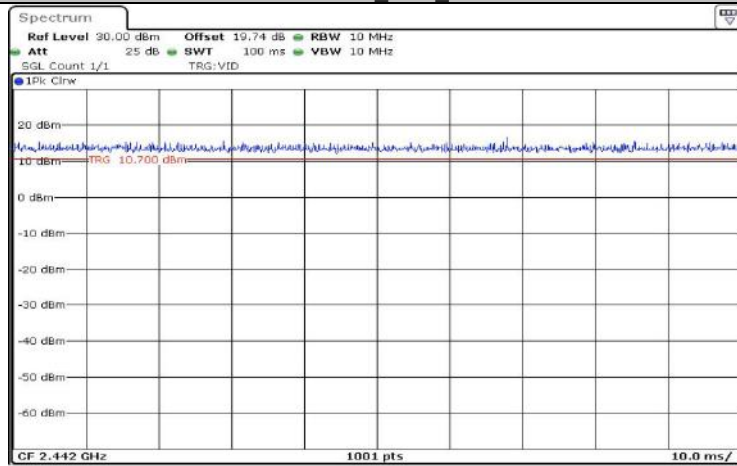
Date: 9.MAR.2023 11:13:53

11N40SISO_Ant1_2422



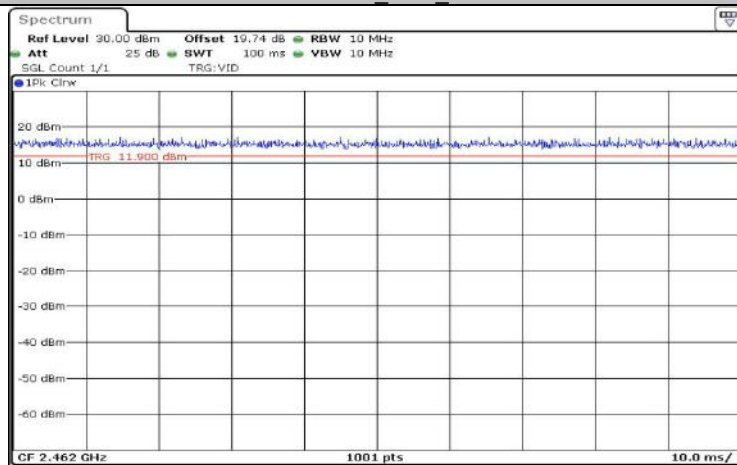
Date: 9.MAR.2023 11:18:00

11N40SISO_Ant1_2462



Date: 9.MAR.2023 11:15:25

11N40SISO_Ant1_2462

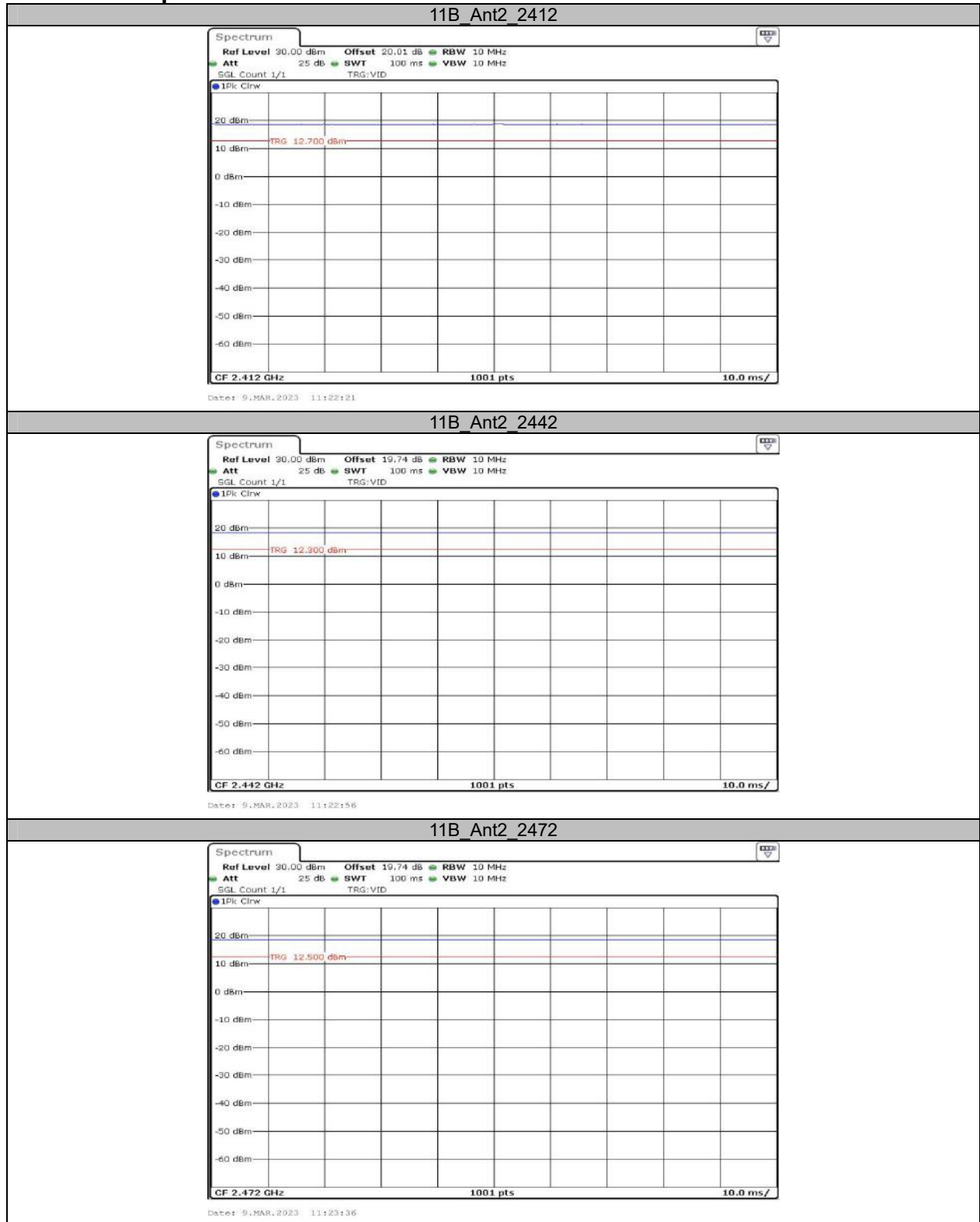


Date: 9.MAR.2023 11:17:28

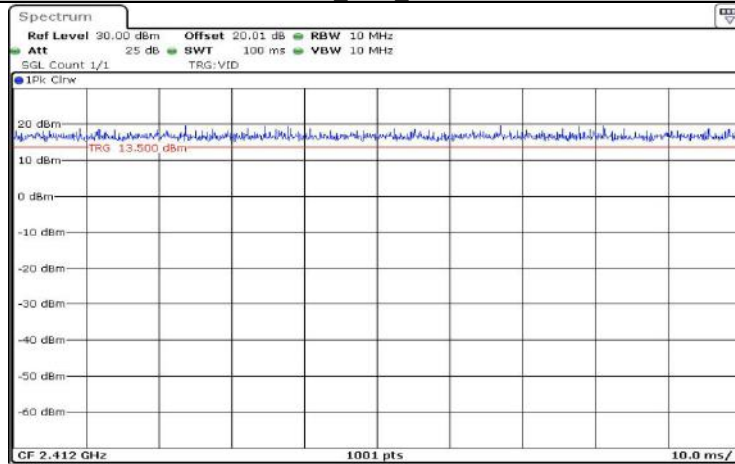
AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant2	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11G	Ant2	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11N20SISO	Ant2	2412	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2472	100.00	100.00	100.00
11N40SISO	Ant2	2422	100.00	100.00	100.00
		2442	100.00	100.00	100.00
		2462	100.00	100.00	100.00

Test Graphs

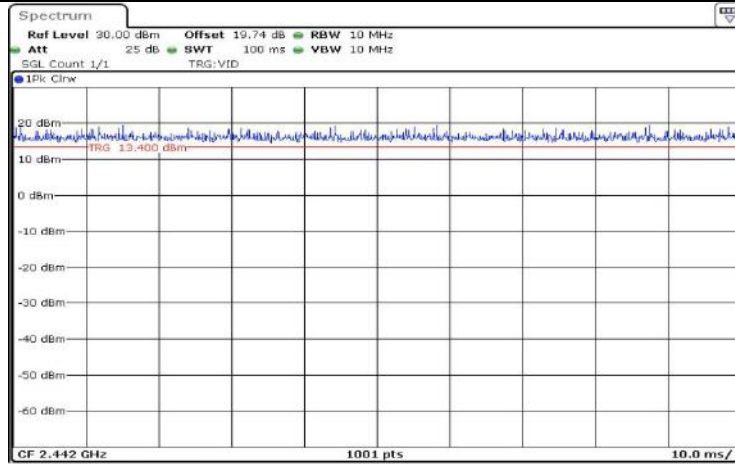


11G_Ant2_2412



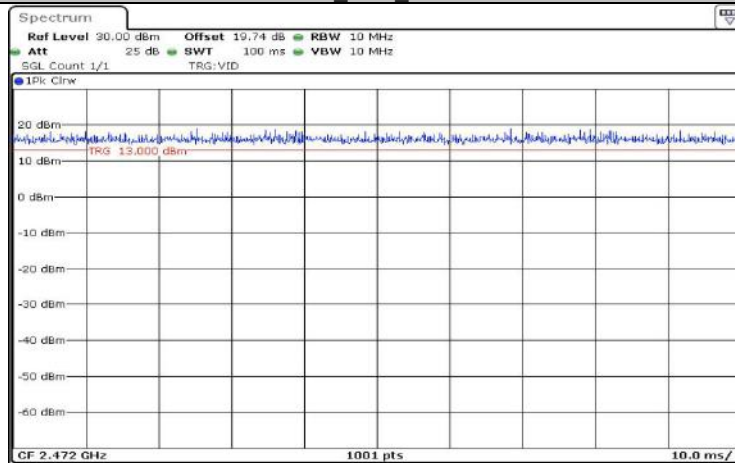
Date: 9.MAR.2023 11:24:22

11G_Ant2_2442



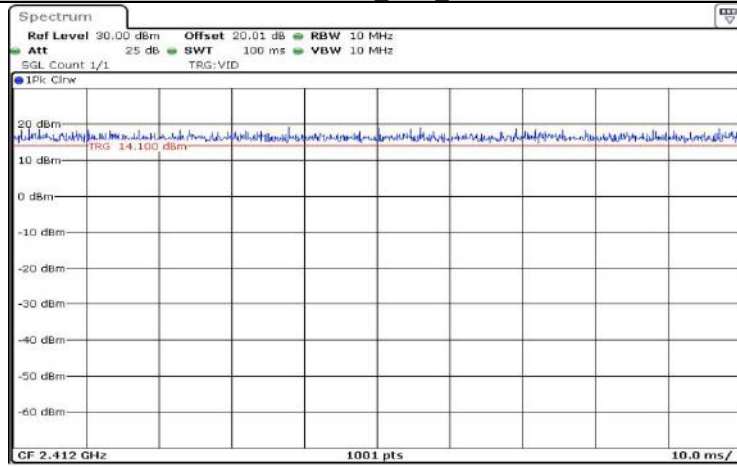
Date: 9.MAR.2023 11:24:56

11G_Ant2_2472



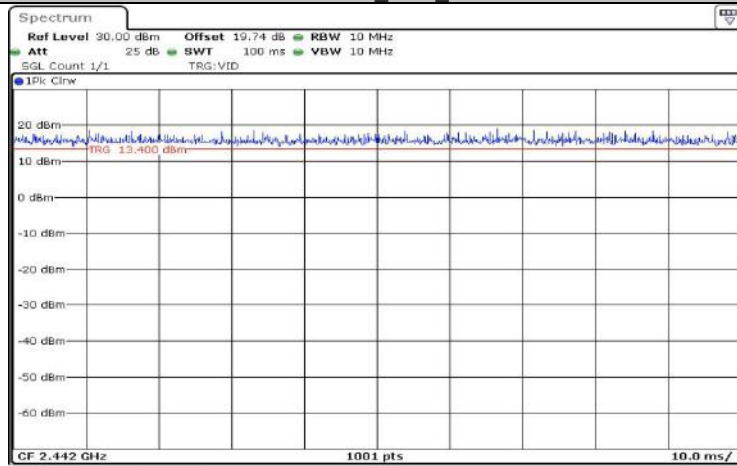
Date: 9.MAR.2023 11:25:26

11N20SISO_Ant2_2412



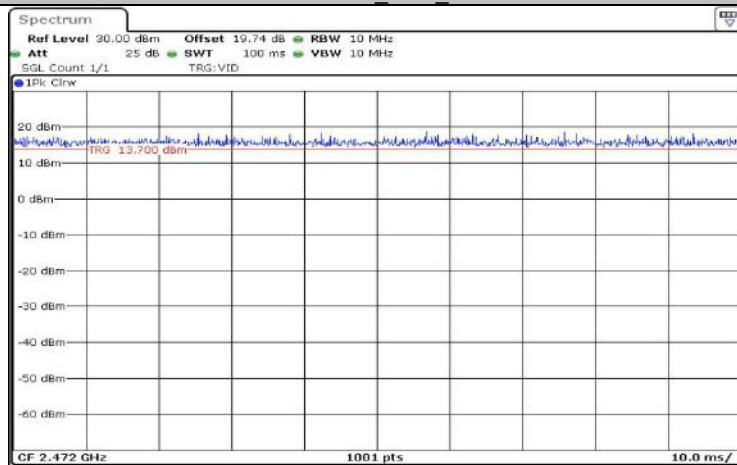
Date: 9.MAR.2023 11:28:11

11N20SISO_Ant2_2442



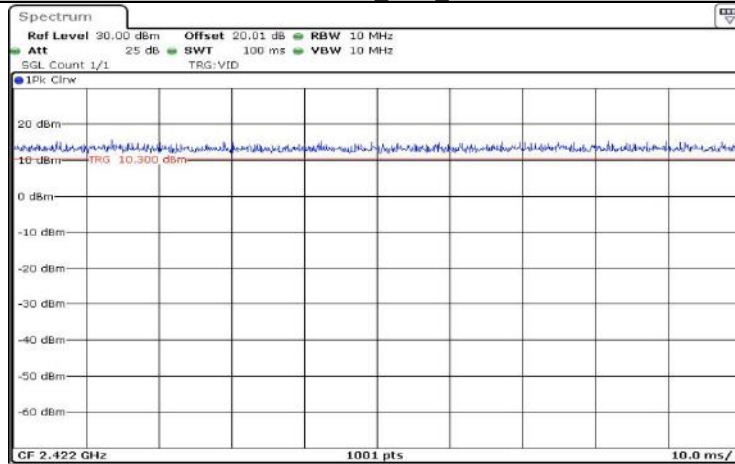
Date: 9.MAR.2023 11:29:11

11N20SISO_Ant2_2472



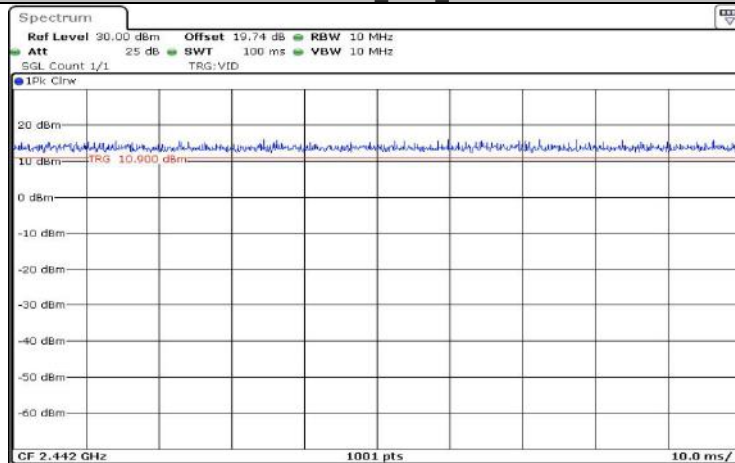
Date: 9.MAR.2023 11:28:03

11N40SISO_Ant2_2422



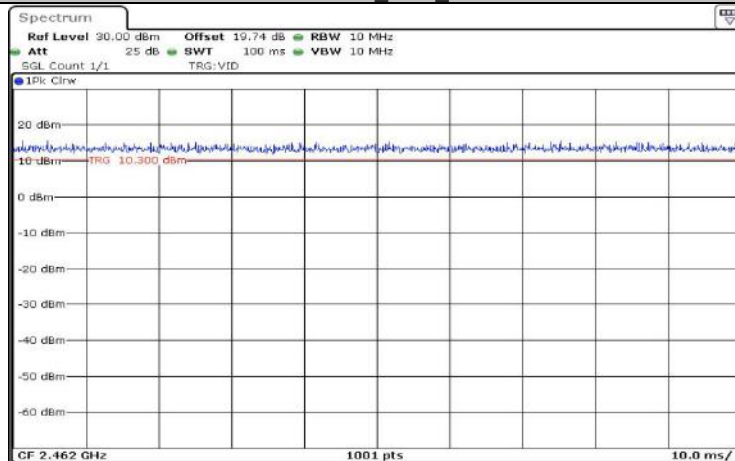
Date: 9.MAR.2023 11:30:42

11N40SISO_Ant2_2442



Date: 9.MAR.2023 11:31:03

11N40SISO_Ant2_2462



Date: 9.MAR.2023 11:31:32

APPENDIX BLE

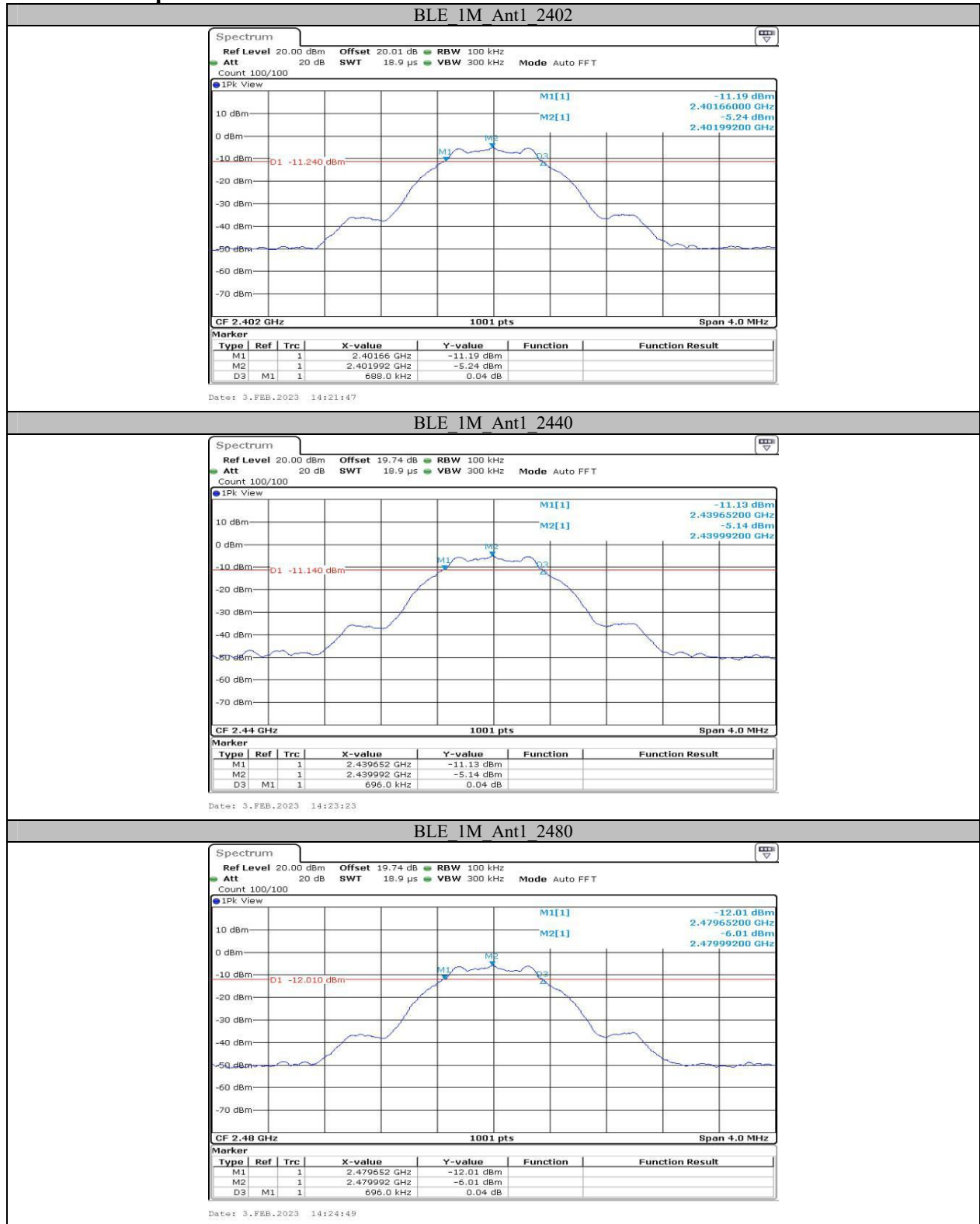
Appendix A: DTS Bandwidth

Main Antenna:

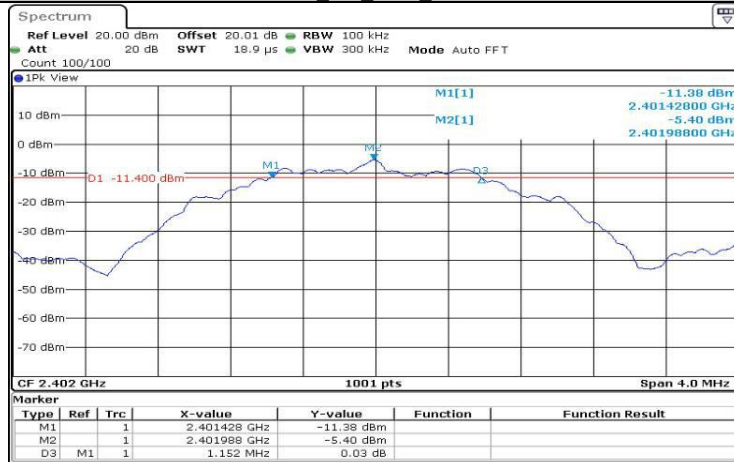
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.66	2402.35	0.5	PASS
		2440	0.70	2439.65	2440.35	0.5	PASS
		2480	0.70	2479.65	2480.35	0.5	PASS
BLE_2M	Ant1	2402	1.15	2401.43	2402.58	0.5	PASS
		2440	1.15	2439.43	2440.58	0.5	PASS
		2480	1.15	2479.43	2480.58	0.5	PASS

Test Graphs

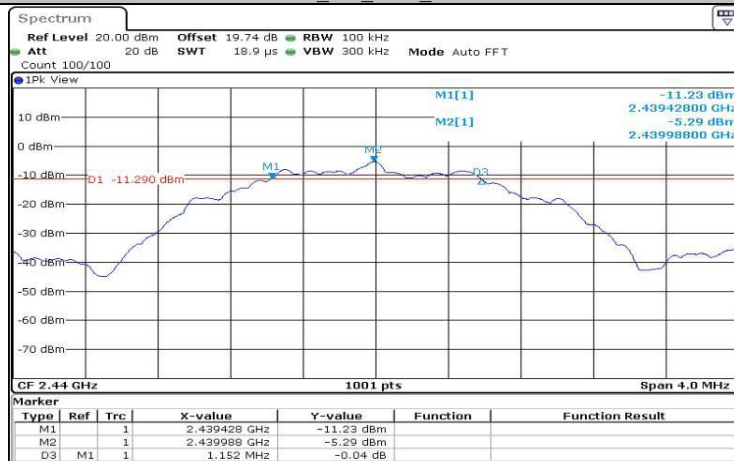


BLE 2M Ant1 2402



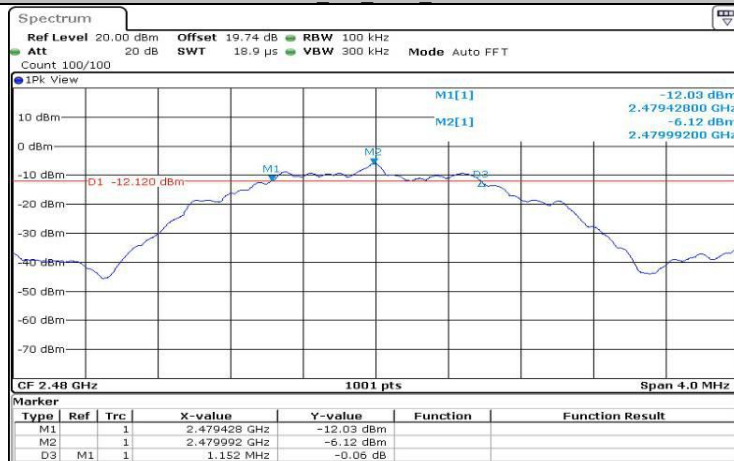
Date: 3.FEB.2023 14:26:34

BLE 2M Ant1 2440



Date: 3.FEB.2023 14:27:59

BLE 2M Ant1 2480

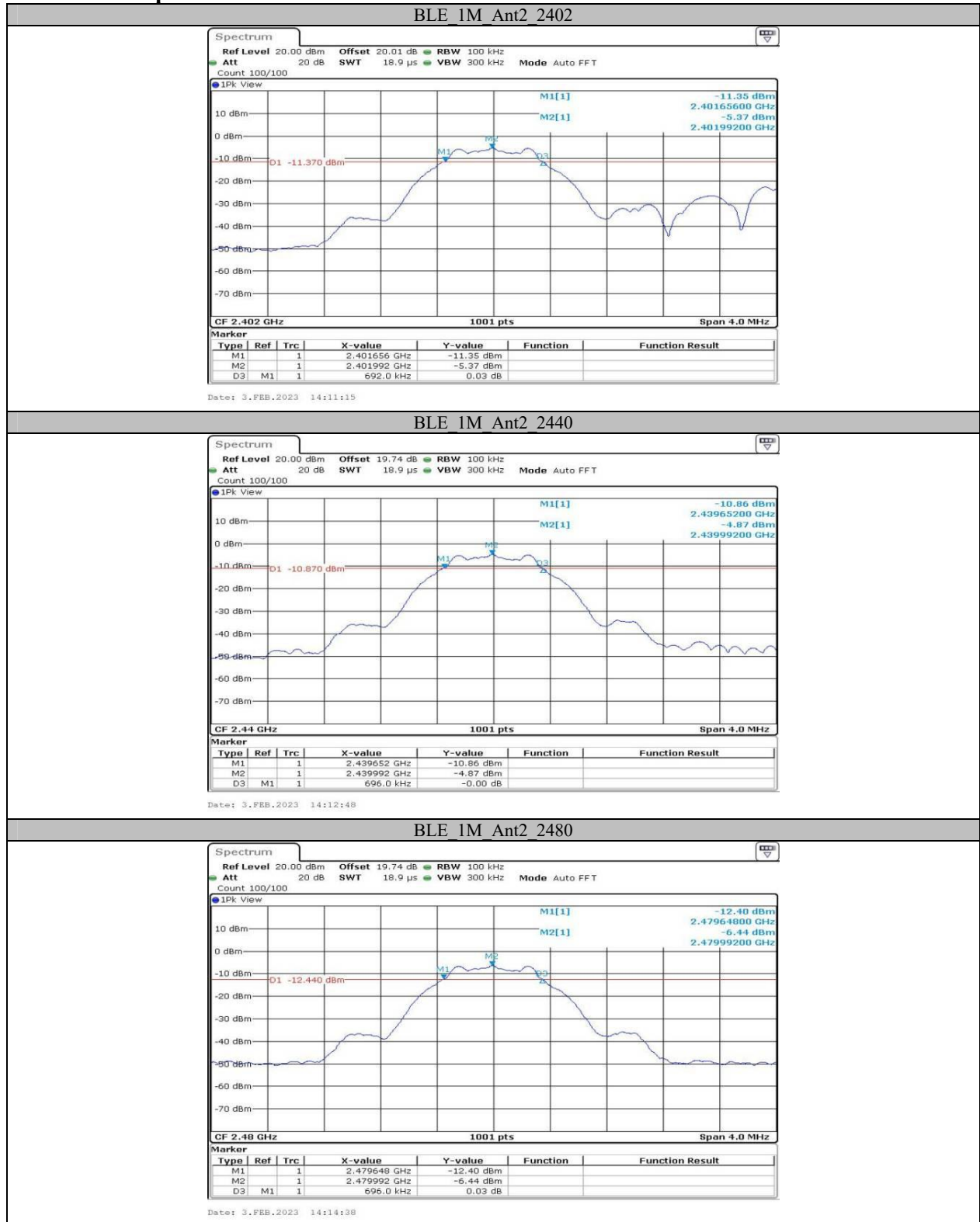


Date: 3.FEB.2023 14:30:10

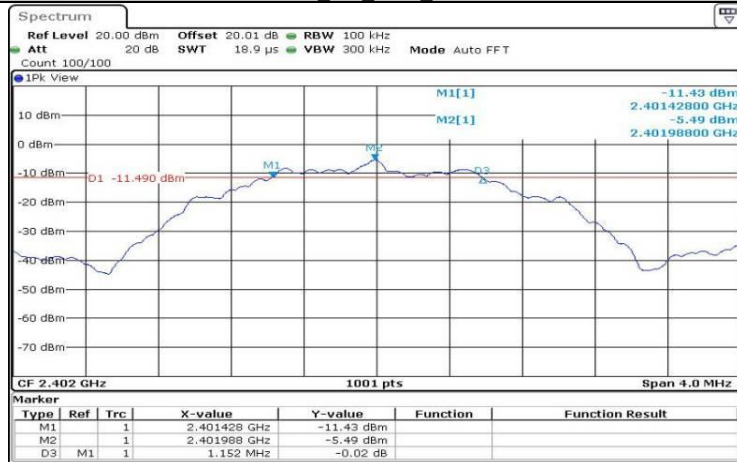
AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant2	2402	0.69	2401.66	2402.35	0.5	PASS
		2440	0.70	2439.65	2440.35	0.5	PASS
		2480	0.70	2479.65	2480.34	0.5	PASS
BLE_2M	Ant2	2402	1.15	2401.43	2402.58	0.5	PASS
		2440	1.16	2439.42	2440.58	0.5	PASS
		2480	1.15	2479.42	2480.58	0.5	PASS

Test Graphs

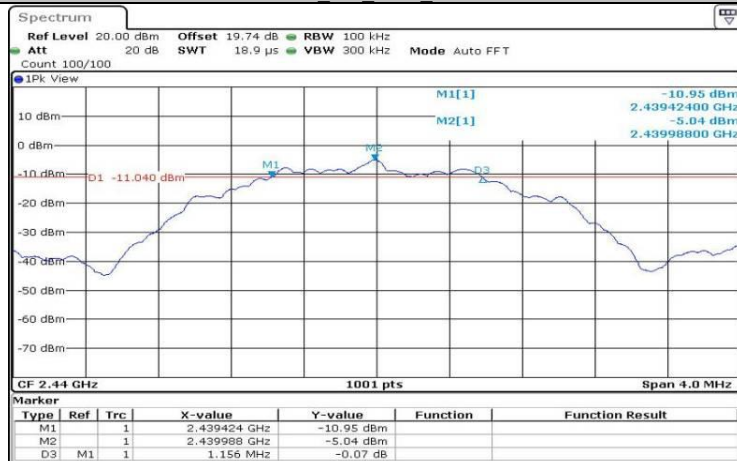


BLE 2M Ant2 2402



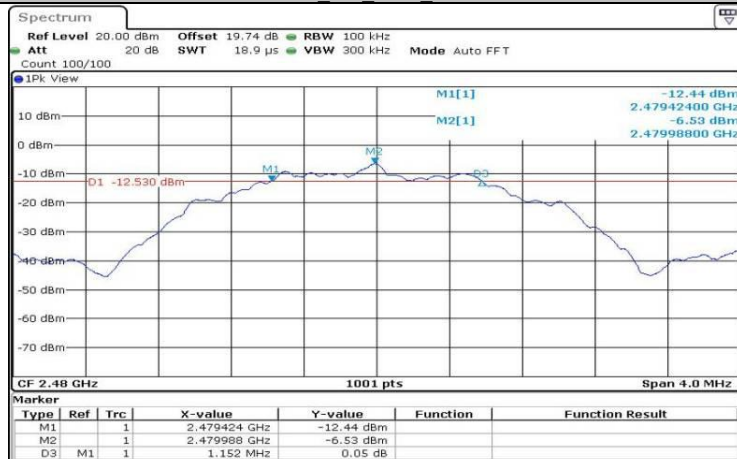
Date: 3.FEB.2023 14:16:26

BLE 2M Ant2 2440



Date: 3.FEB.2023 14:17:49

BLE 2M Ant2 2480



Date: 3.FEB.2023 14:19:03

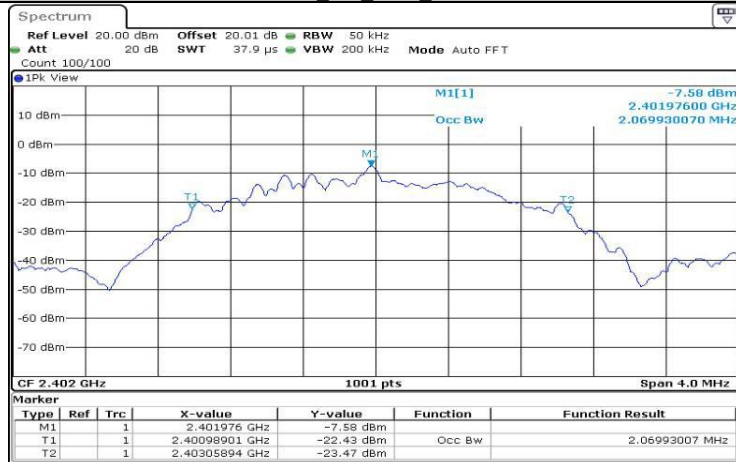
Appendix B: Occupied Channel Bandwidth**Main Antenna:****Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.489	2402.527	---	---
		2440	1.043	2439.485	2440.527	---	---
		2480	1.043	2479.485	2480.527	---	---
BLE_2M	Ant1	2402	2.07	2400.989	2403.059	---	---
		2440	2.066	2438.989	2441.055	---	---
		2480	2.07	2478.985	2481.055	---	---

Test Graphs

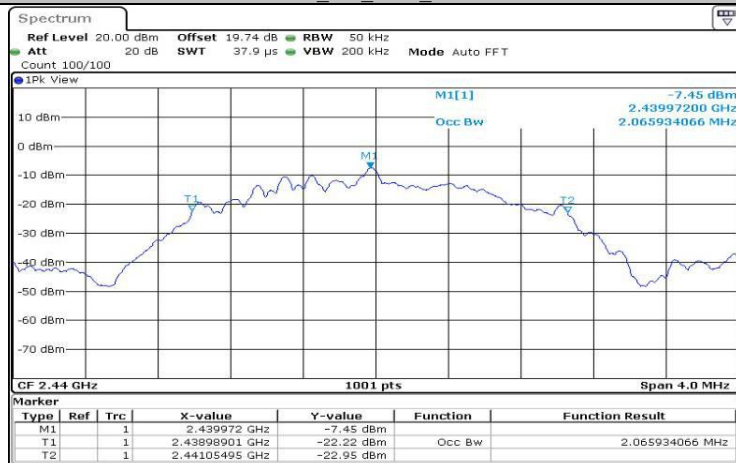


BLE 2M Ant1 2402



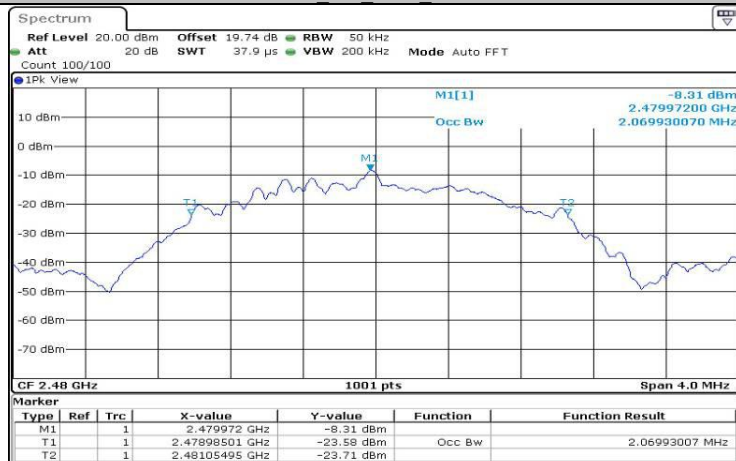
Date: 3.FEB.2023 14:26:46

BLE 2M Ant1 2440



Date: 3.FEB.2023 14:28:11

BLE 2M Ant1 2480



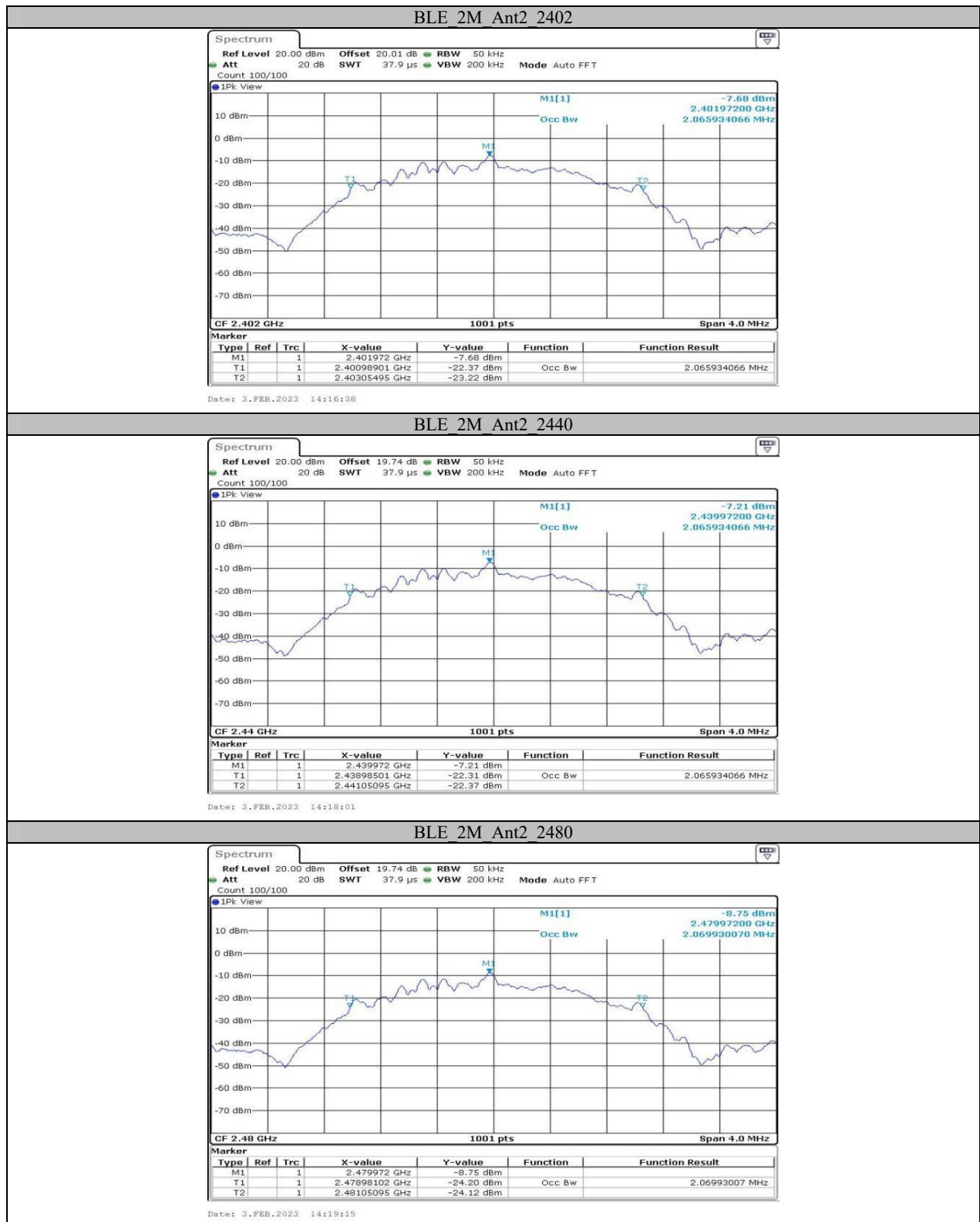
Date: 3.FEB.2023 14:30:22

AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant2	2402	1.039	2401.489	2402.527	---	---
		2440	1.043	2439.485	2440.527	---	---
		2480	1.043	2479.485	2480.527	---	---
BLE_2M	Ant2	2402	2.066	2400.989	2403.055	---	---
		2440	2.066	2438.985	2441.051	---	---
		2480	2.07	2478.981	2481.051	---	---

Test Graphs

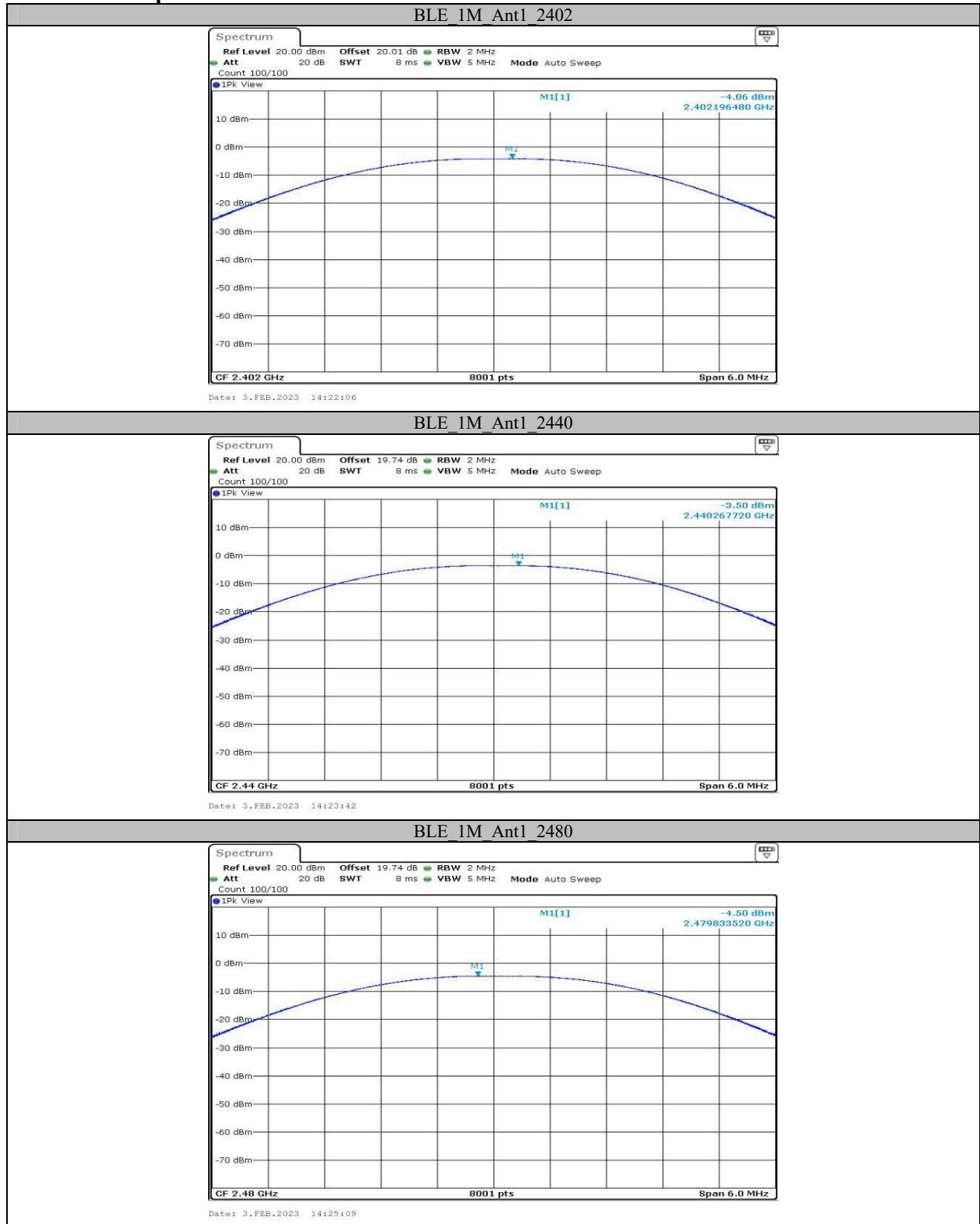




Appendix C: Maximum conducted output power**Main Antenna:****Test Result**

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-4.06	≤30	PASS
		2440	-3.50	≤30	PASS
		2480	-4.50	≤30	PASS
BLE_2M	Ant1	2402	-4.10	≤30	PASS
		2440	-3.56	≤30	PASS
		2480	-4.49	≤30	PASS

Test Graphs



BLE 2M Ant1 2402



Date: 3.FEB.2023 14:26:54

BLE 2M Ant1 2440



Date: 3.FEB.2023 14:28:18

BLE 2M Ant1 2480

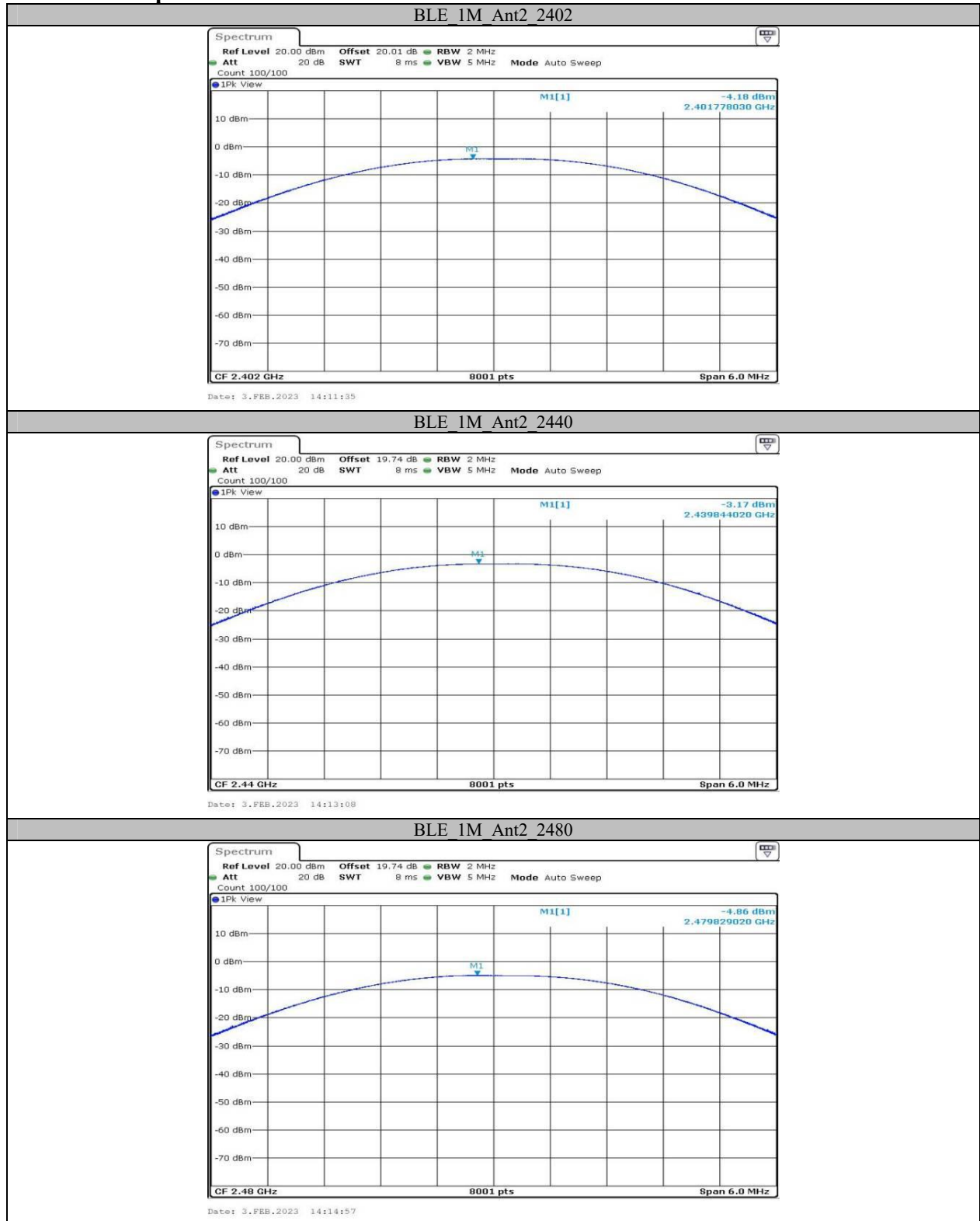


Date: 3.FEB.2023 14:30:29

AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant2	2402	-4.18	≤30	PASS
		2440	-3.17	≤30	PASS
		2480	-4.86	≤30	PASS
BLE_2M	Ant2	2402	-4.24	≤30	PASS
		2440	-3.25	≤30	PASS
		2480	-4.84	≤30	PASS

Test Graphs



BLE 2M Ant2 2402



Date: 3.FEB.2023 14:16:45

BLE 2M Ant2 2440



Date: 3.FEB.2023 14:18:09

BLE 2M Ant2 2480

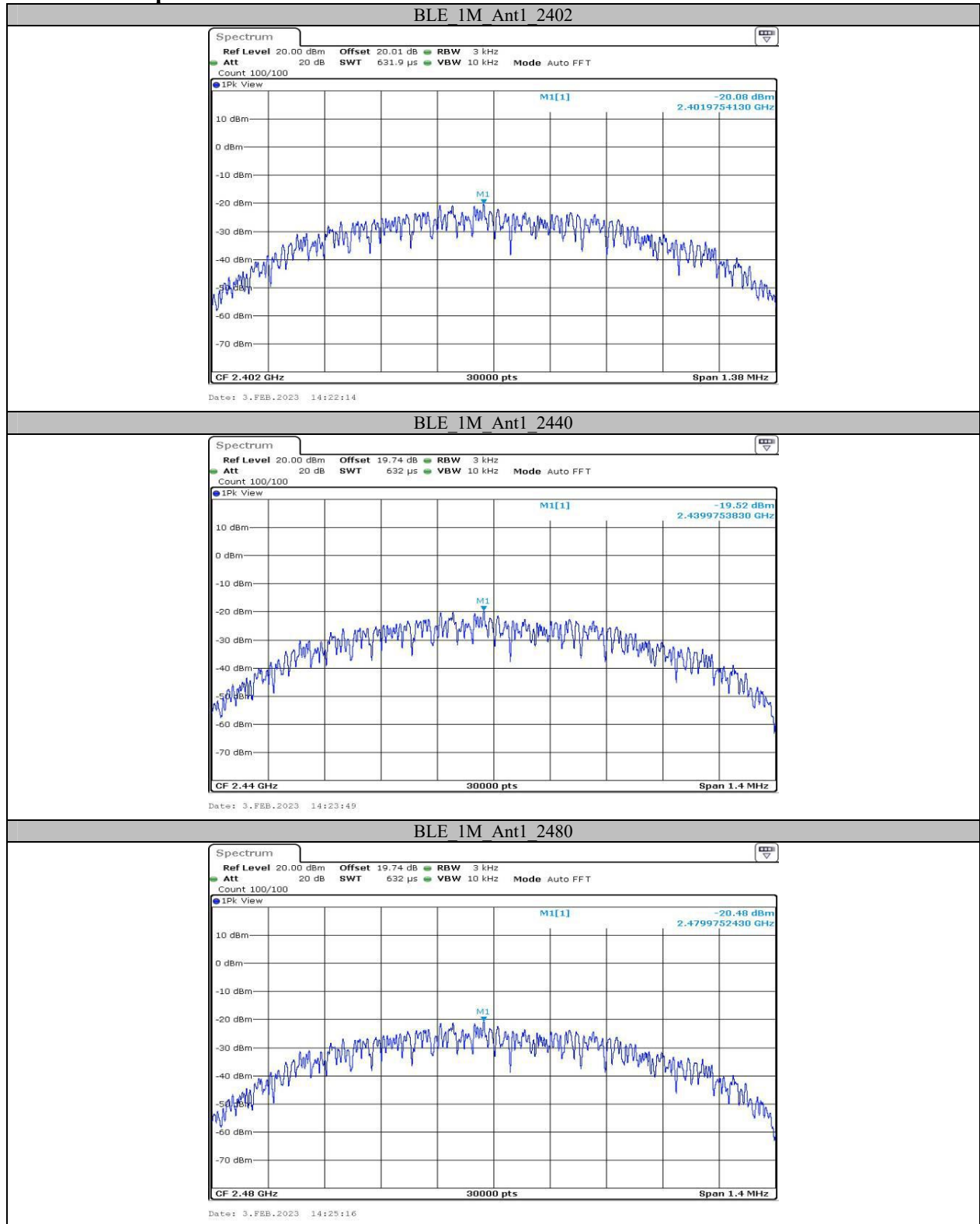


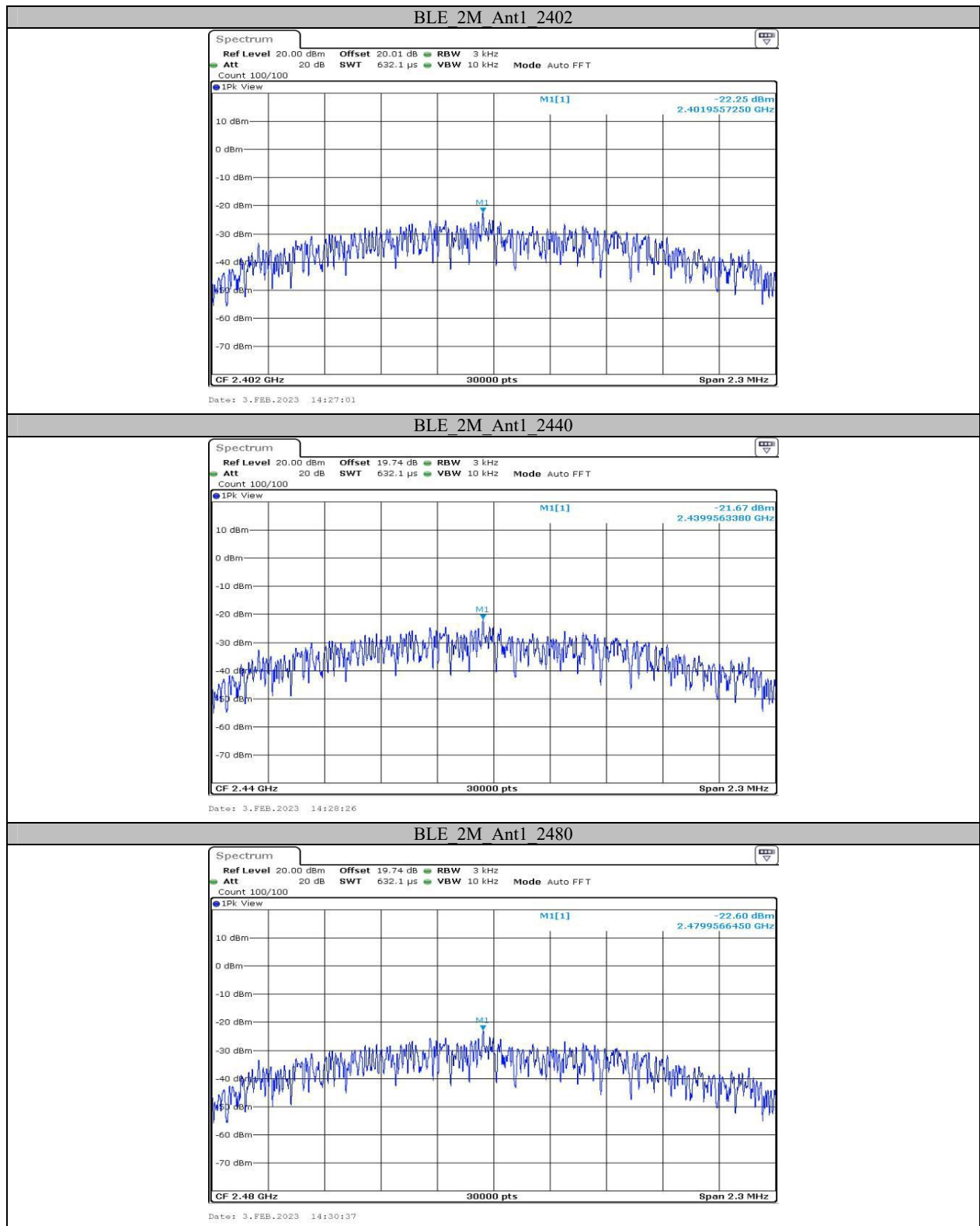
Date: 3.FEB.2023 14:19:23

Appendix D: Maximum power spectral density**Main Antenna:****Test Result**

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-20.08	≤8.00	PASS
		2440	-19.52	≤8.00	PASS
		2480	-20.48	≤8.00	PASS
BLE_2M	Ant1	2402	-22.25	≤8.00	PASS
		2440	-21.67	≤8.00	PASS
		2480	-22.6	≤8.00	PASS

Test Graphs

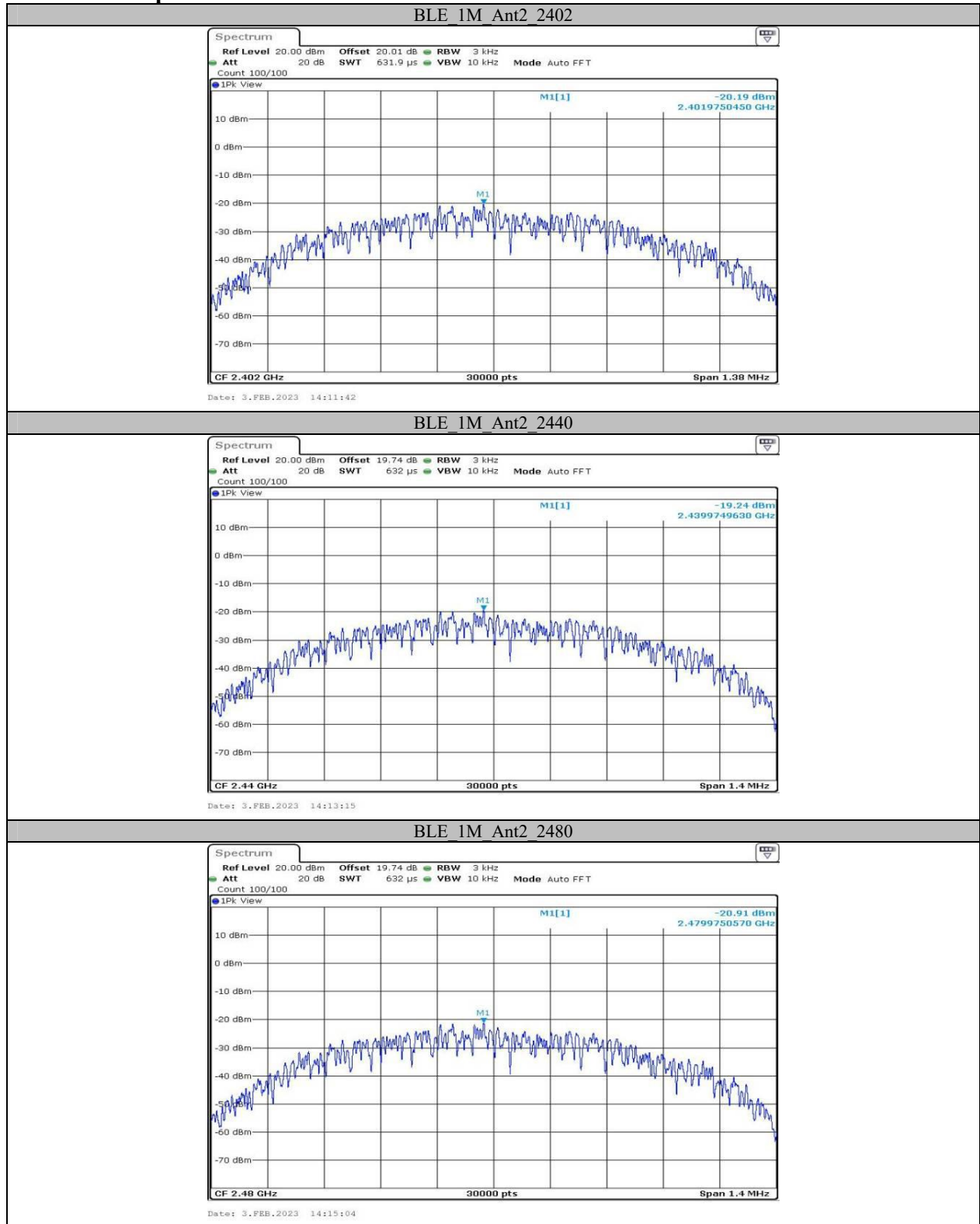


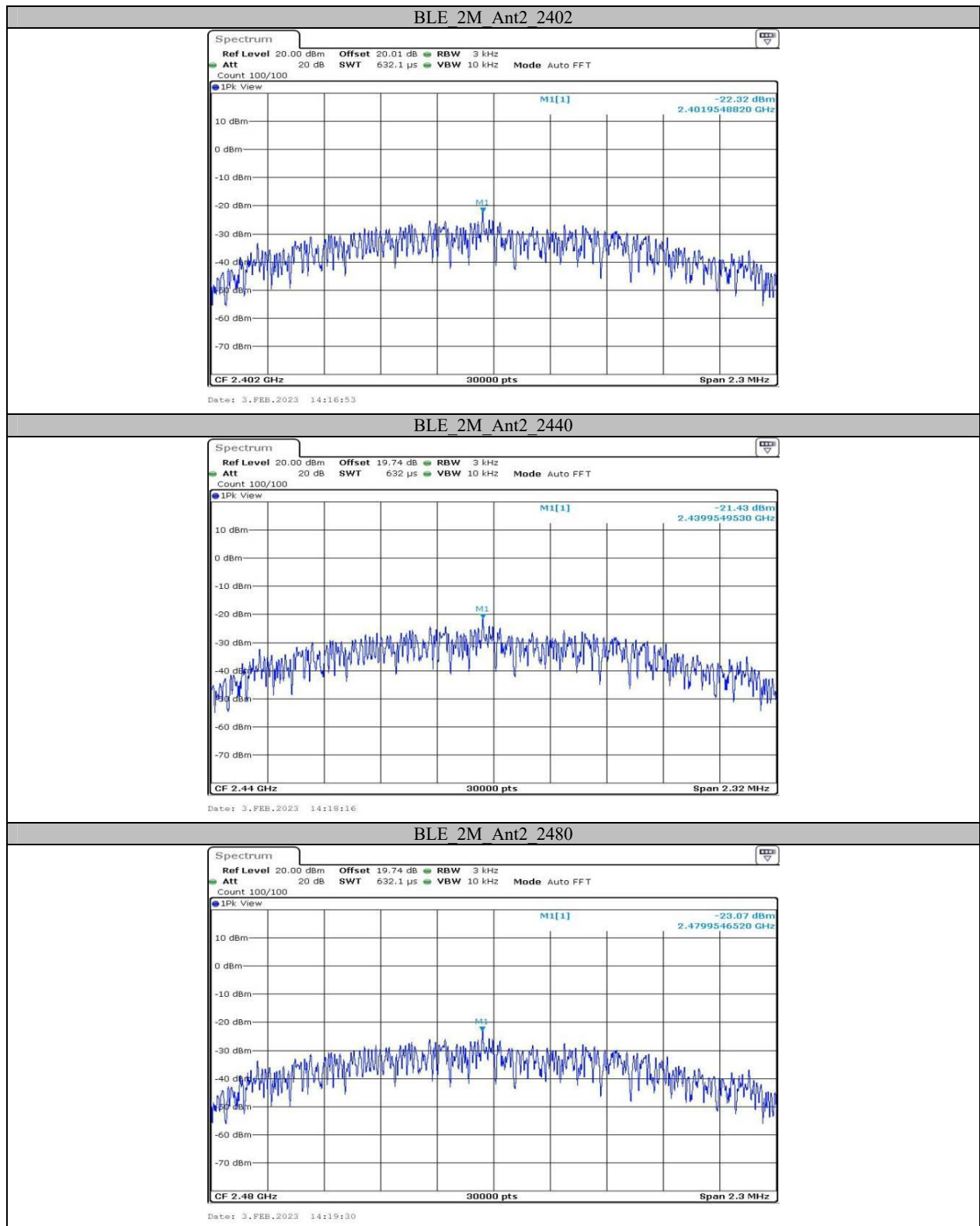


AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant2	2402	-20.19	≤8.00	PASS
		2440	-19.24	≤8.00	PASS
		2480	-20.91	≤8.00	PASS
BLE_2M	Ant2	2402	-22.32	≤8.00	PASS
		2440	-21.43	≤8.00	PASS
		2480	-23.07	≤8.00	PASS

Test Graphs

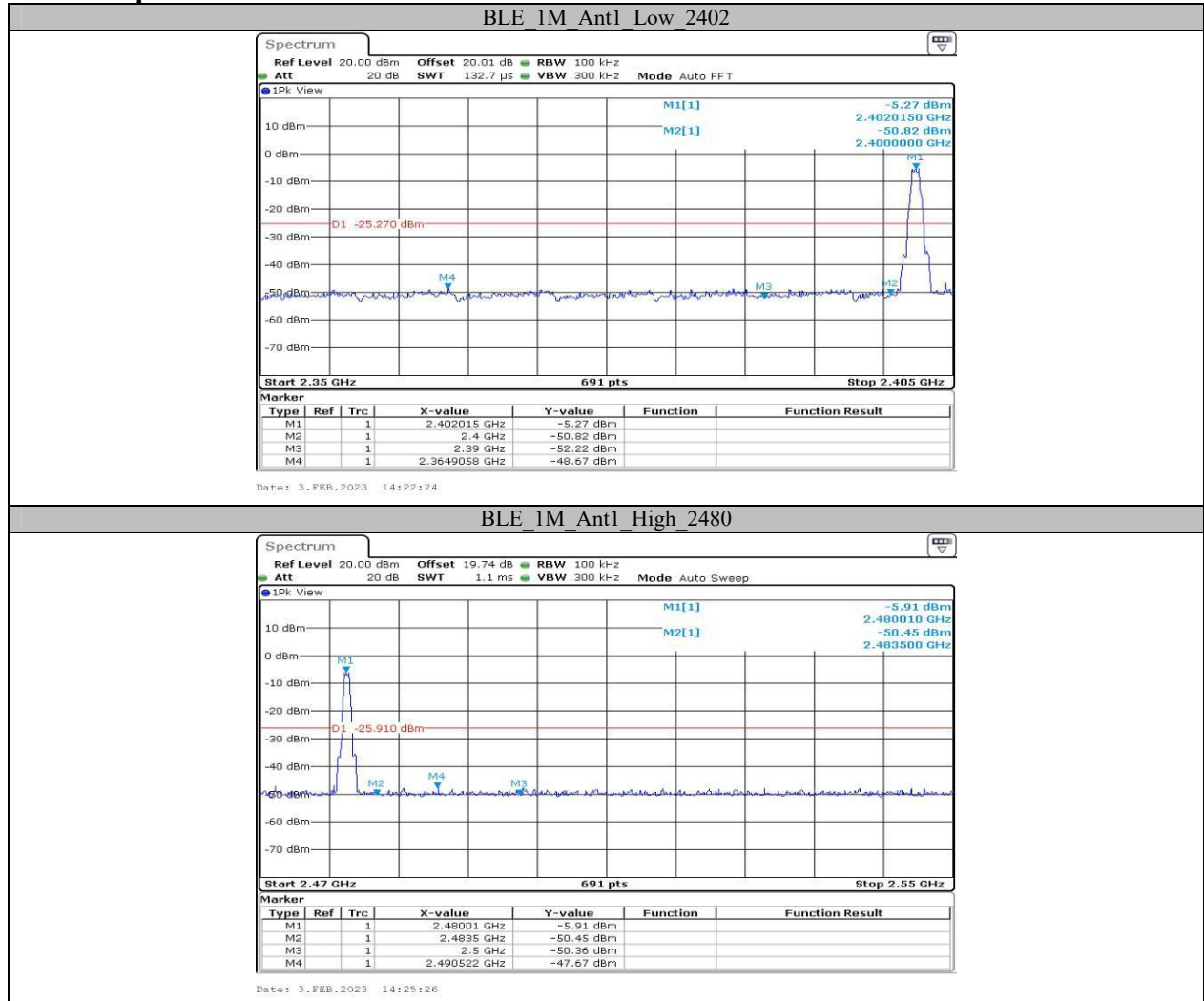


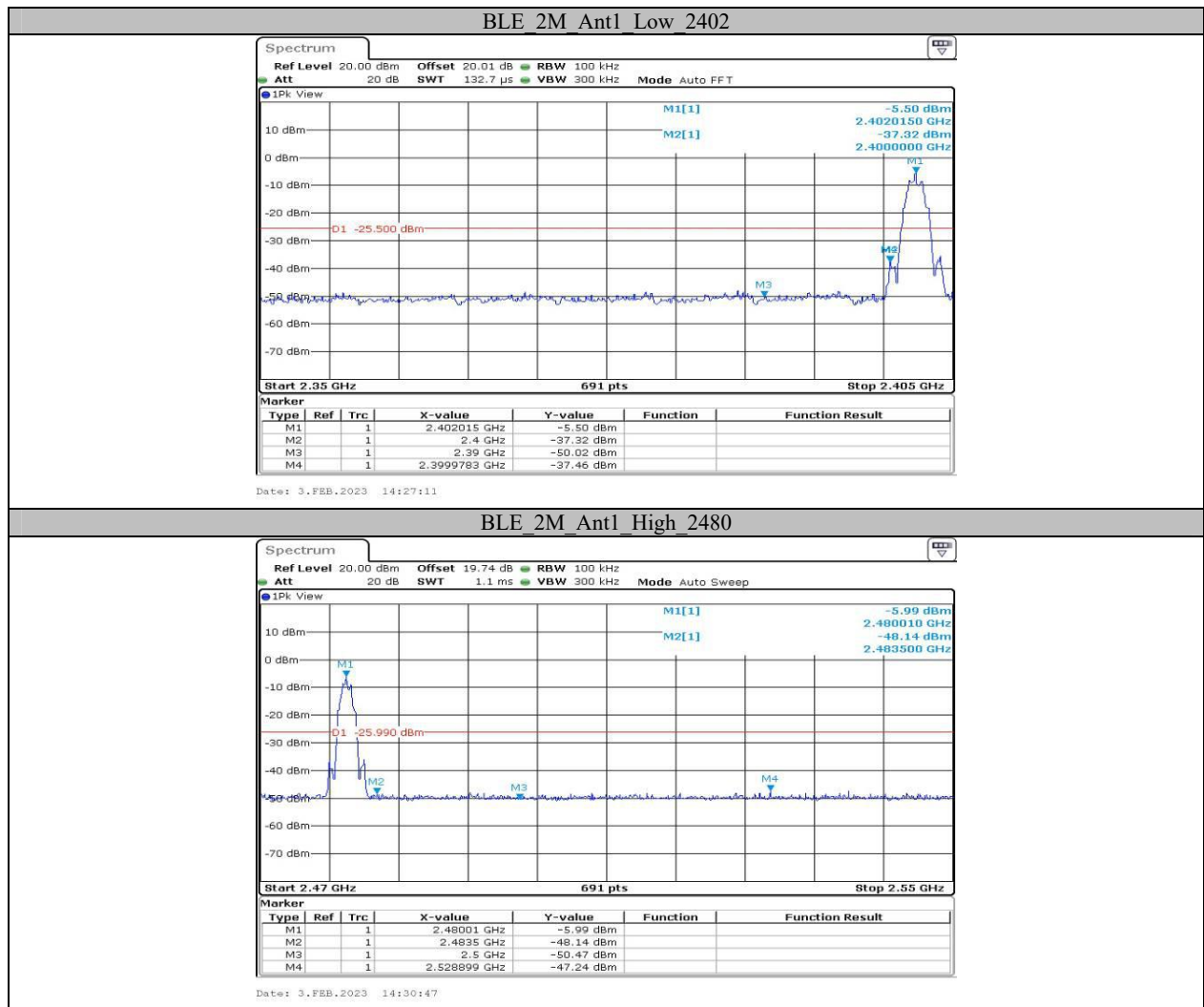


Appendix E: Band edge measurements

Main Antenna:

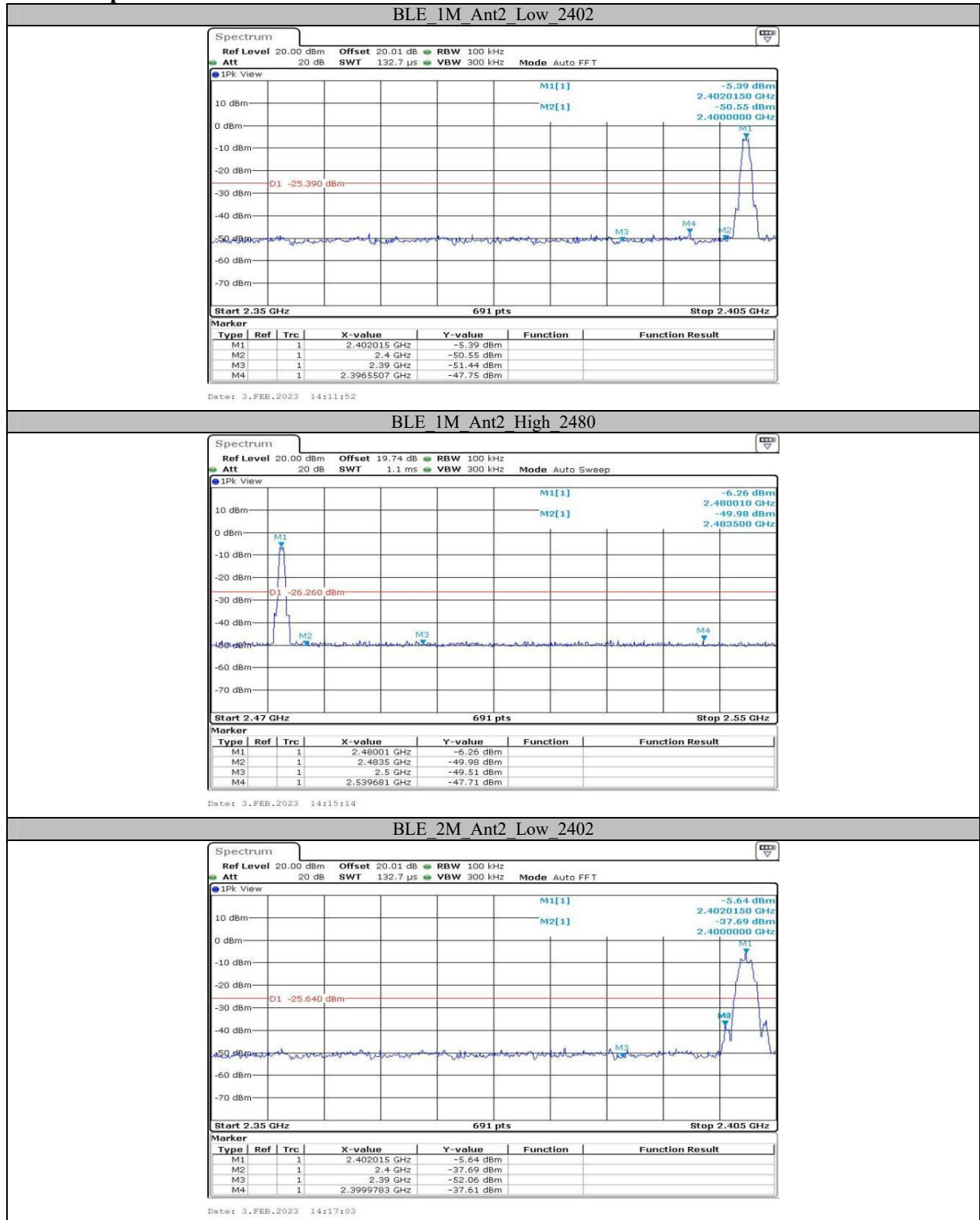
Test Graphs

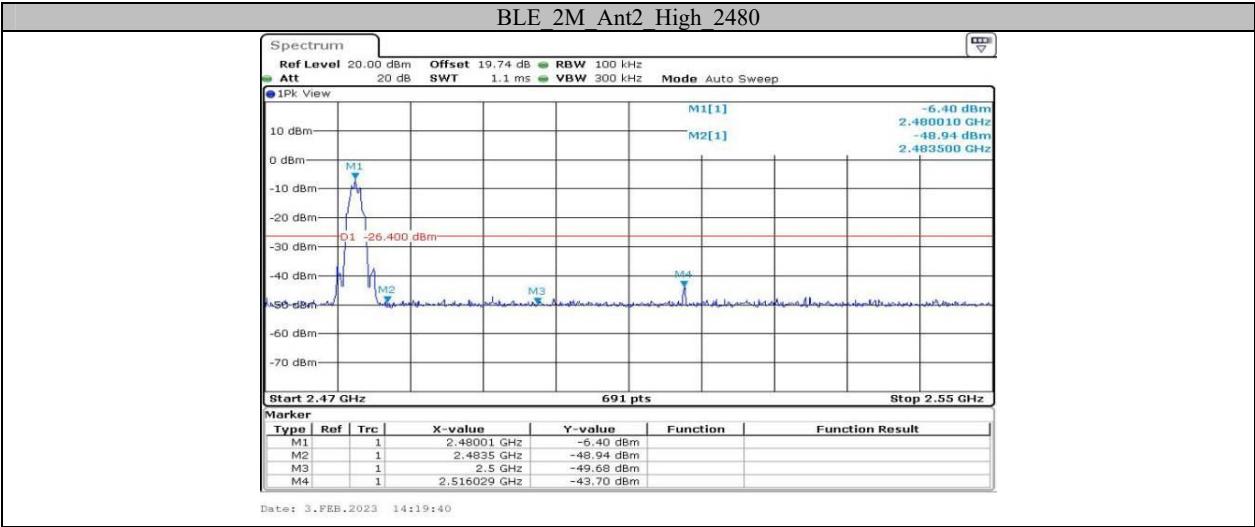




AUX Antenna:

Test Graphs





Appendix F: Duty Cycle

Main Antenna:

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	1/T(kHz)
BLE 1M	Ant1	2440	0.38	0.62	61.29	2.63
BLE 2M	Ant1	2440	0.20	0.63	31.75	5.00

Test Graphs



AUX Antenna:**Test Result**

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	1/T(kHz)
BLE 1M	Ant2	2440	0.38	0.62	61.29	2.63
BLE 2M	Ant2	2440	0.20	0.63	31.75	5.00

Test Graphs

***** END OF REPORT *****