



Appendix C: Maximum conducted output power**Test Result (Peak)**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	9.84	≤30.00	PASS
		2442	9.21	≤30.00	PASS
		2472	9.11	≤30.00	PASS
11G	Ant1	2412	13.97	≤30.00	PASS
		2442	13.87	≤30.00	PASS
		2472	13.64	≤30.00	PASS
11N20SISO	Ant1	2412	14.23	≤30.00	PASS
		2442	13.62	≤30.00	PASS
		2472	13.52	≤30.00	PASS
11N40SISO	Ant1	2422	12.65	≤30.00	PASS
		2442	12.28	≤30.00	PASS
		2462	12.11	≤30.00	PASS

Note: antenna gain is -0.88dBi, the maximum EIRP=13.24dBm<36dBm

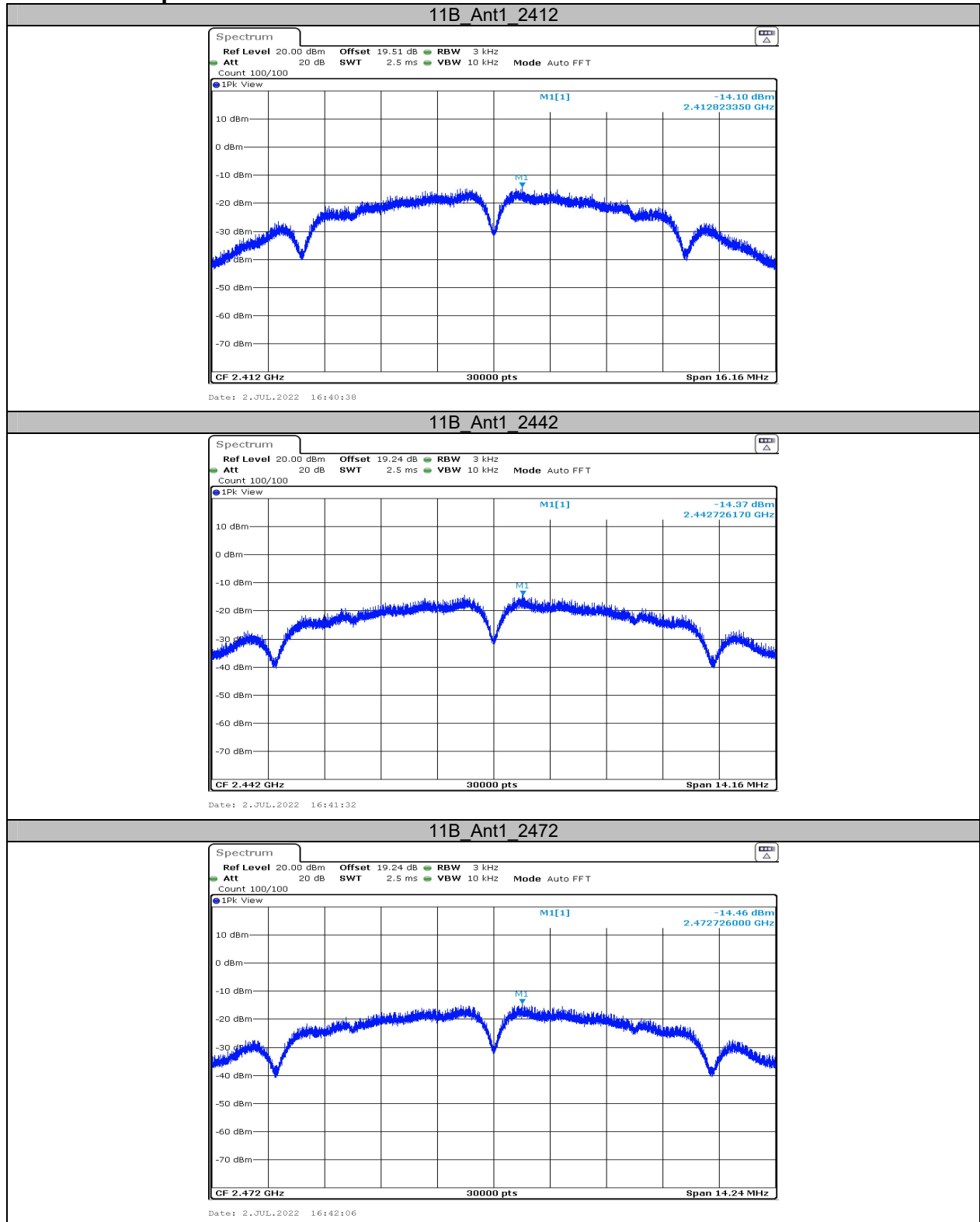
Test Result (AV)

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	8.95	≤30.00	PASS
		2442	8.12	≤30.00	PASS
		2472	8.24	≤30.00	PASS
11G	Ant1	2412	9.85	≤30.00	PASS
		2442	9.74	≤30.00	PASS
		2472	9.68	≤30.00	PASS
11N20SISO	Ant1	2412	10.26	≤30.00	PASS
		2442	9.85	≤30.00	PASS
		2472	9.72	≤30.00	PASS
11N40SISO	Ant1	2422	9.34	≤30.00	PASS
		2442	9.12	≤30.00	PASS
		2462	9.02	≤30.00	PASS

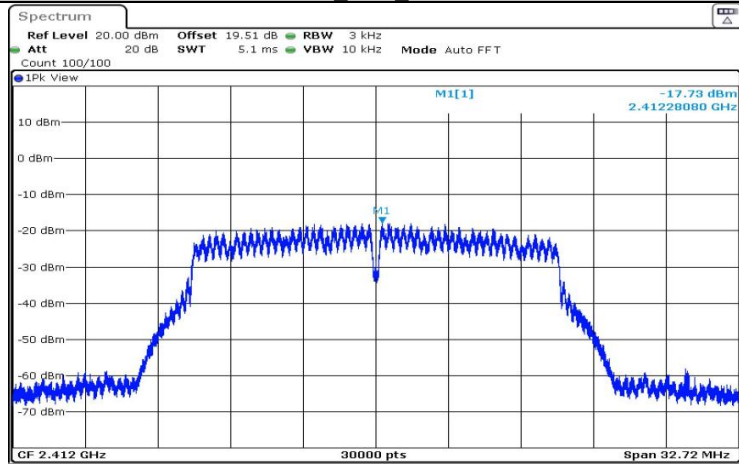
**Appendix D: Maximum power spectral density
Test Result**

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.1	≤8.00	PASS
		2442	-14.37	≤8.00	PASS
		2472	-14.46	≤8.00	PASS
11G	Ant1	2412	-17.73	≤8.00	PASS
		2442	-17.4	≤8.00	PASS
		2472	-17.84	≤8.00	PASS
11N20SISO	Ant1	2412	-17.14	≤8.00	PASS
		2442	-17.2	≤8.00	PASS
		2472	-16.75	≤8.00	PASS
11N40SISO	Ant1	2422	-21.59	≤8.00	PASS
		2442	-21.72	≤8.00	PASS
		2462	-22.17	≤8.00	PASS

Test Graphs

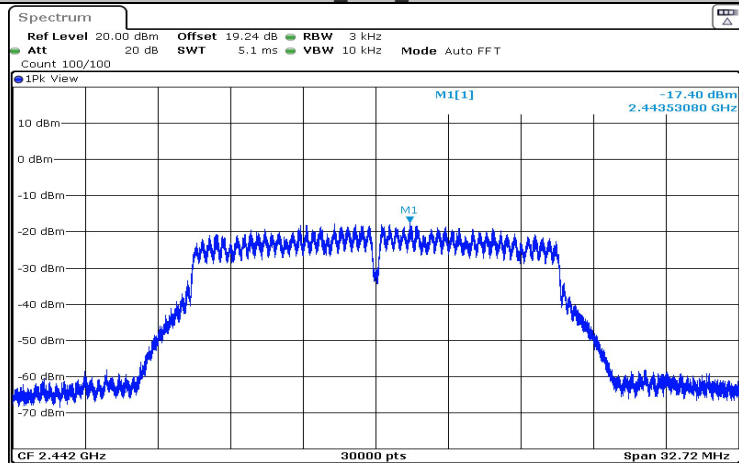


11G Ant1_2412



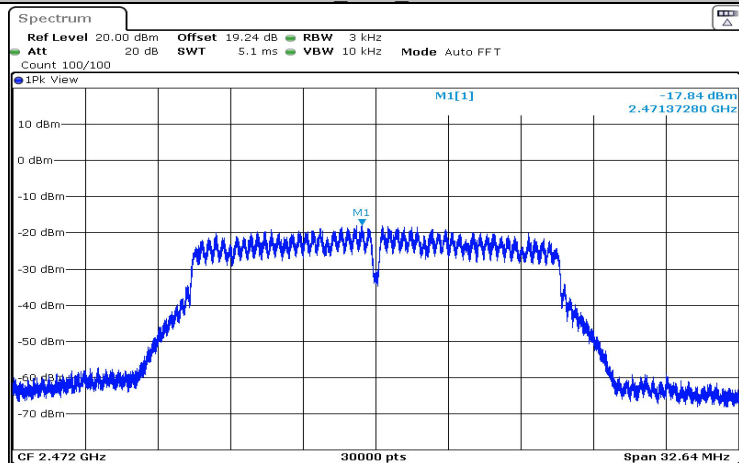
Date: 23.JUN.2022 14:13:27

11G Ant1_2442



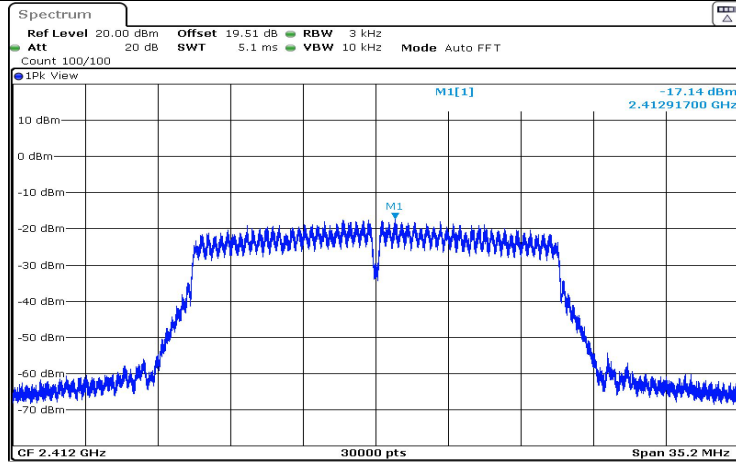
Date: 2.JUL.2022 16:46:58

11G Ant1_2472



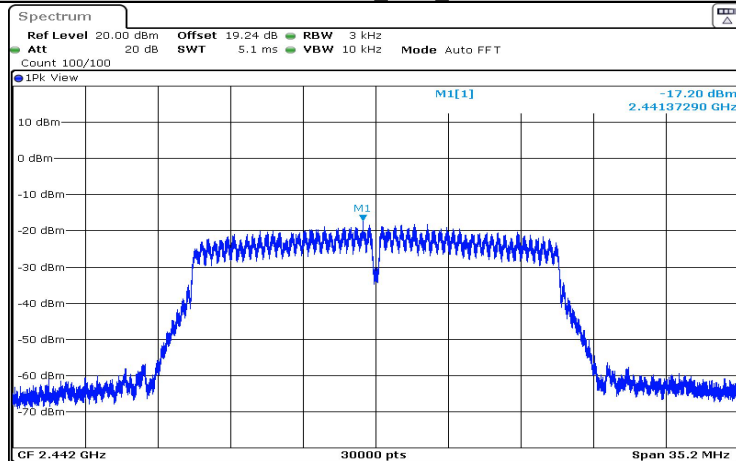
Date: 2.JUL.2022 16:46:13

11N20SISO_Ant1_2412



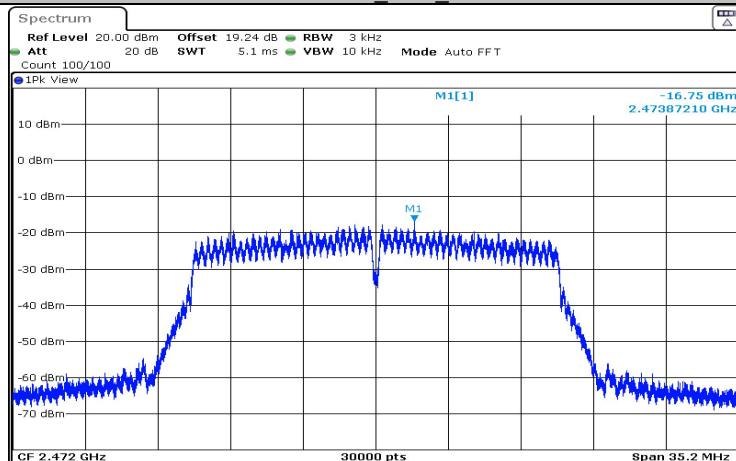
Date: 2.JUL.2022 16:49:57

11N20SISO_Ant1_2442



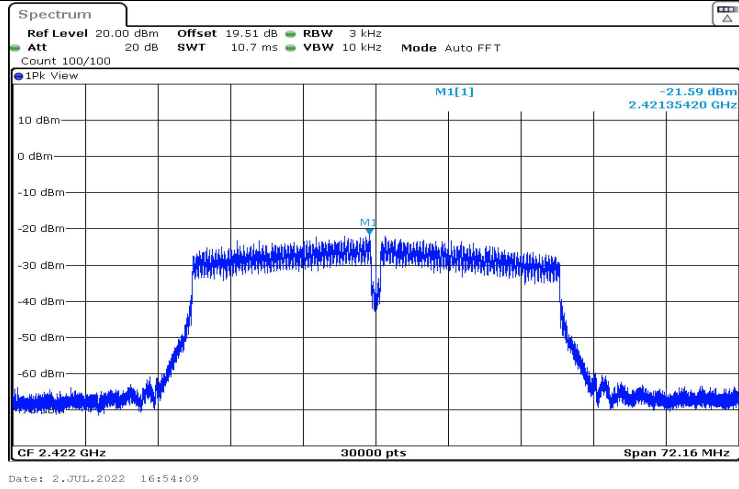
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11N20SISO_Ant1_2472

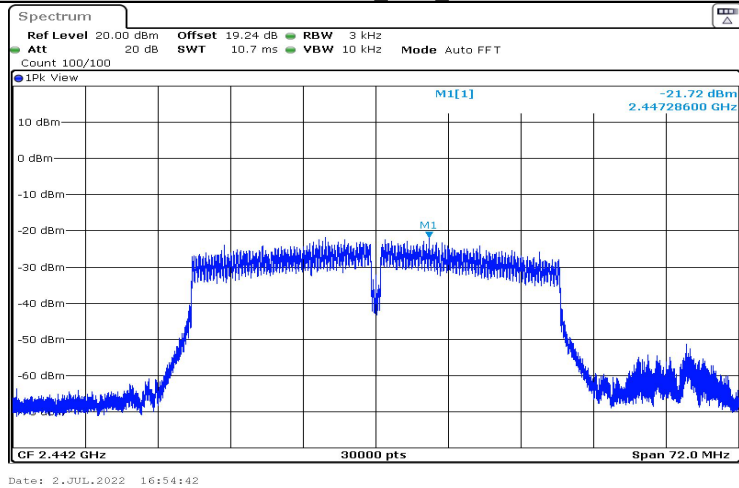


Date: 2.JUL.2022 16:53:32

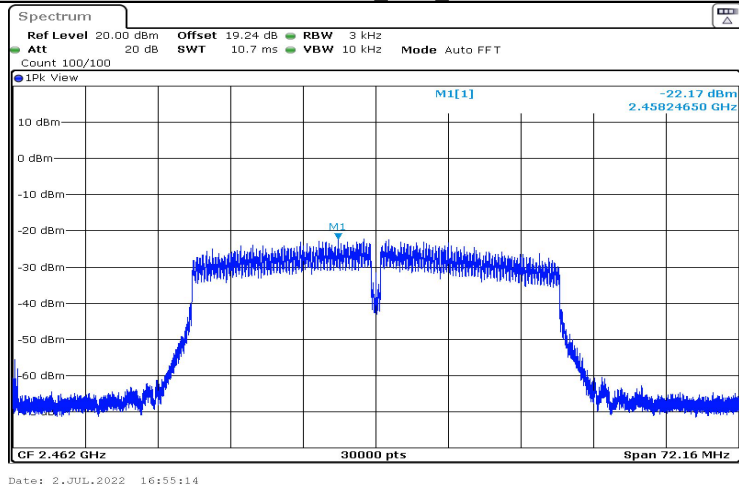
11N40SISO_Ant1_2422



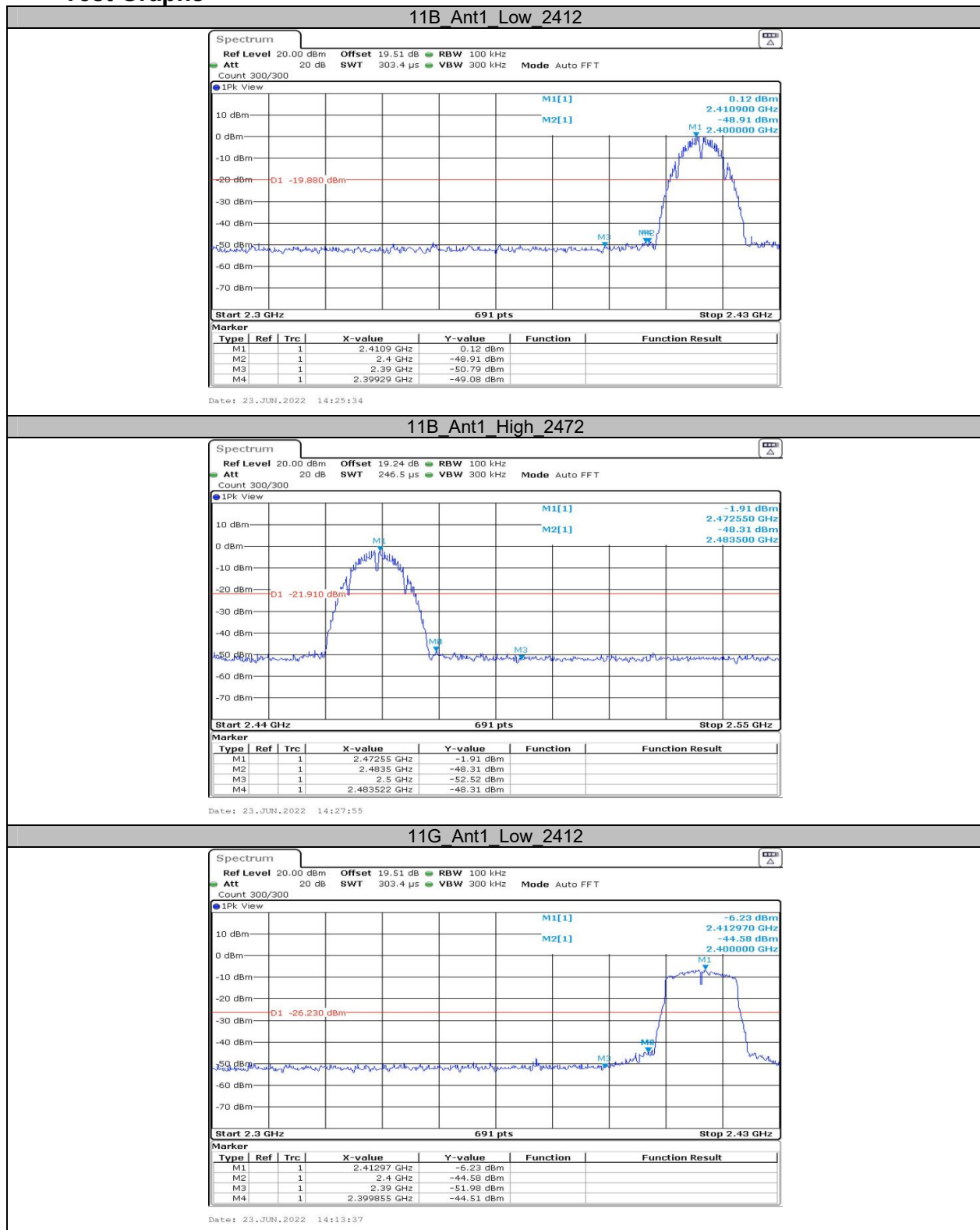
11N40SISO_Ant1_2442



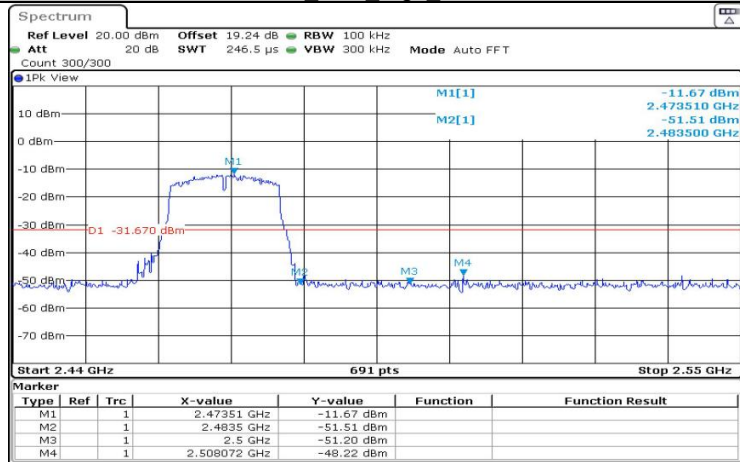
11N40SISO_Ant1_2462



Appendix E: Band edge measurements Test Graphs

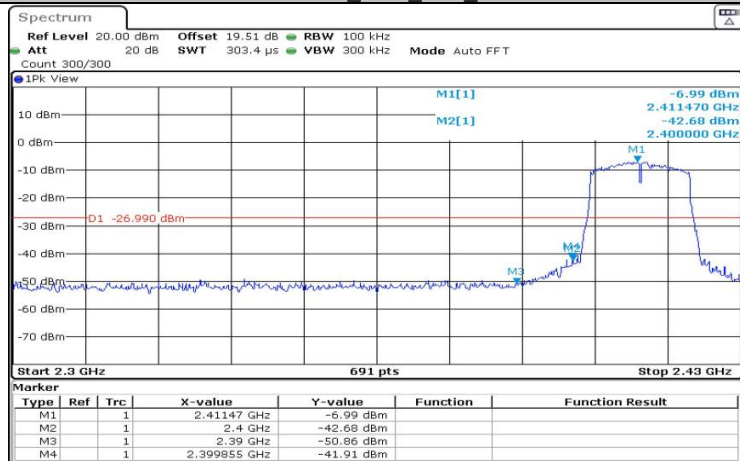


11G Ant1_High_2472



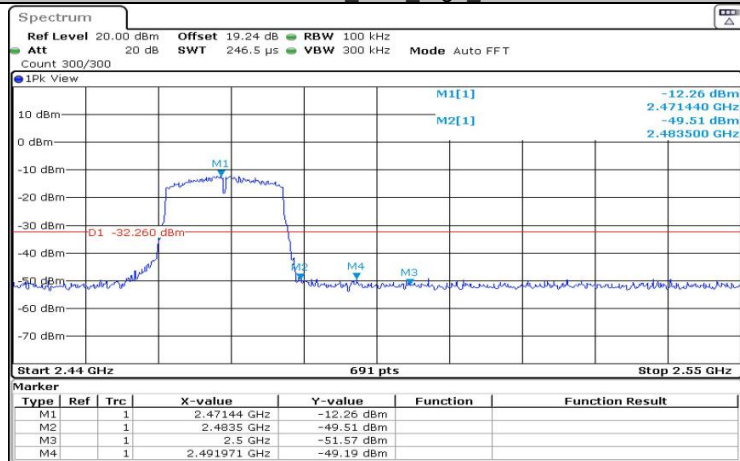
Date: 23.JUN.2022 14:16:30

11N20SISO Ant1_Low_2412

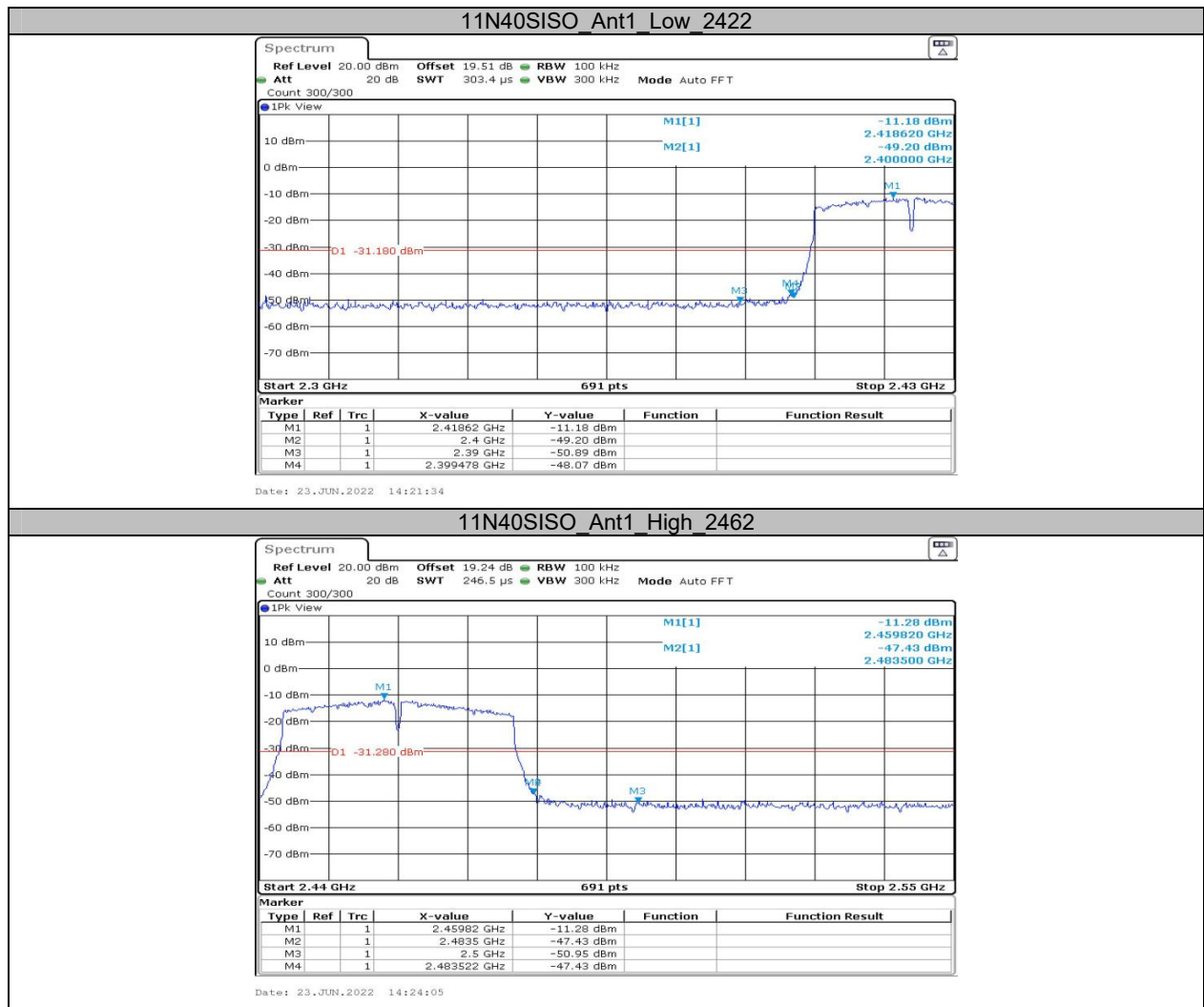


Date: 23.JUN.2022 14:17:50

11N20SISO Ant1_High_2472



Date: 23.JUN.2022 14:20:21

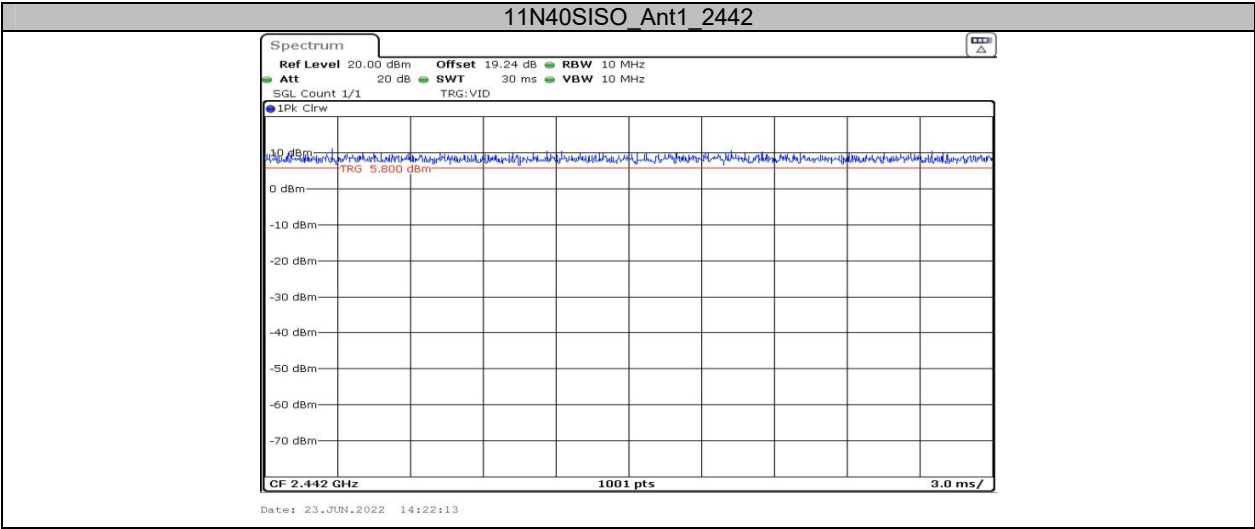


**Appendix F: Duty Cycle
Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2442	30.00	30.00	100.00
11G	Ant1	2442	30.00	30.00	100.00
11N20SISO	Ant1	2442	30.00	30.00	100.00
11N40SISO	Ant1	2442	30.00	30.00	100.00

Test Graphs



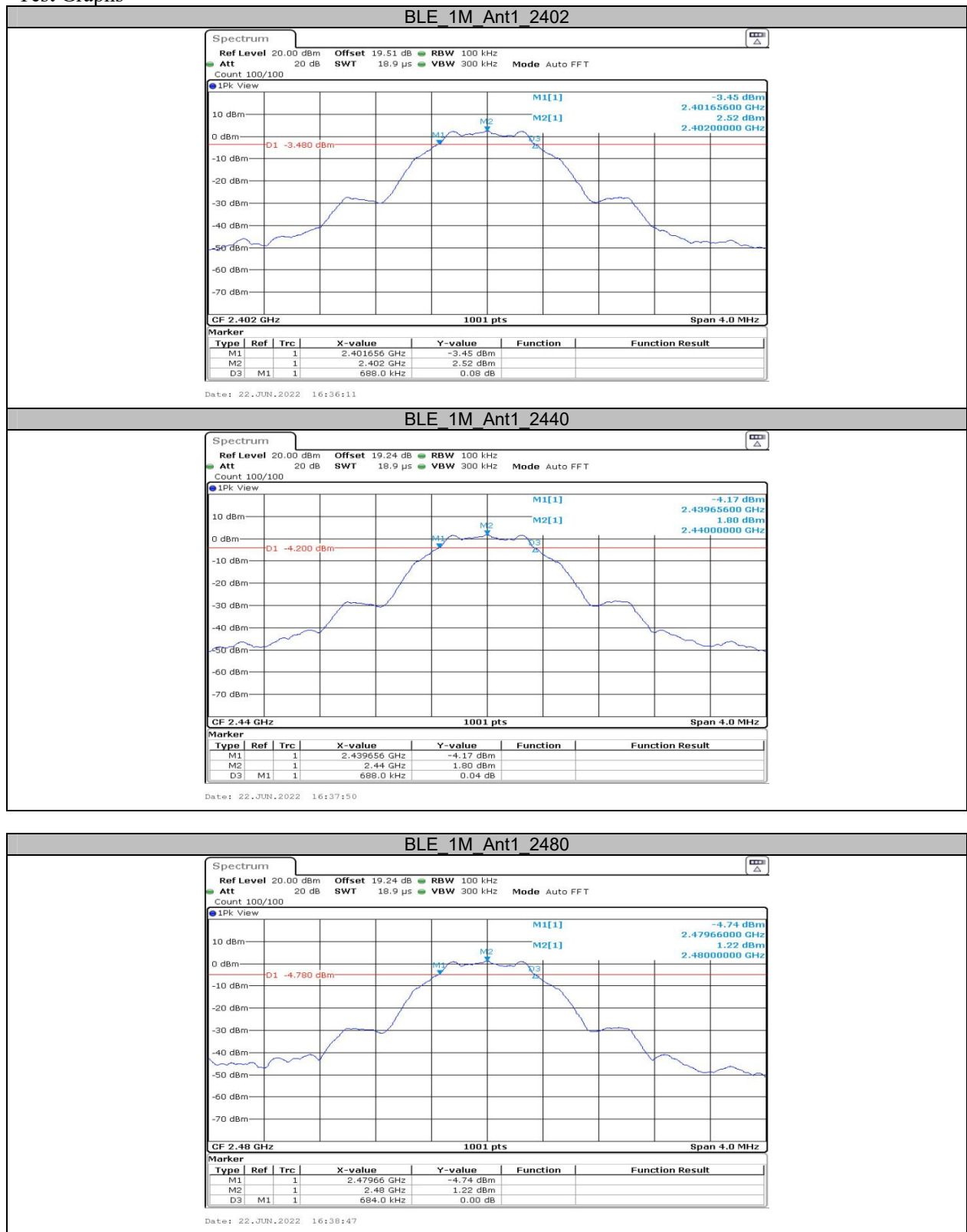


APPENDIX BLE

Appendix A: DTS Bandwidth Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	0.5	PASS
		2440	0.69	0.5	PASS
		2480	0.68	0.5	PASS

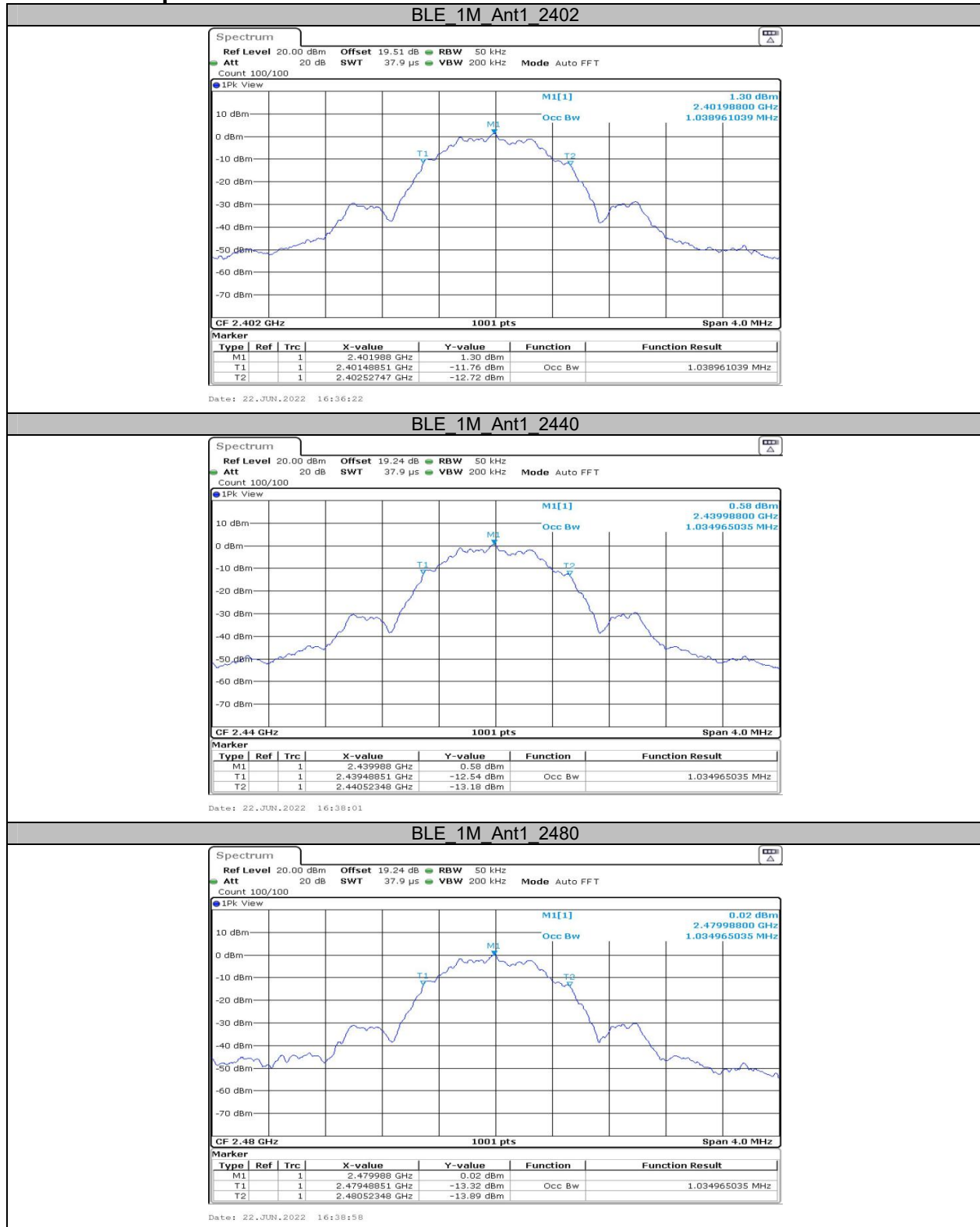
Test Graphs



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

Test Mode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	---	---
		2440	1.035	---	---
		2480	1.035	---	---

Test Graphs



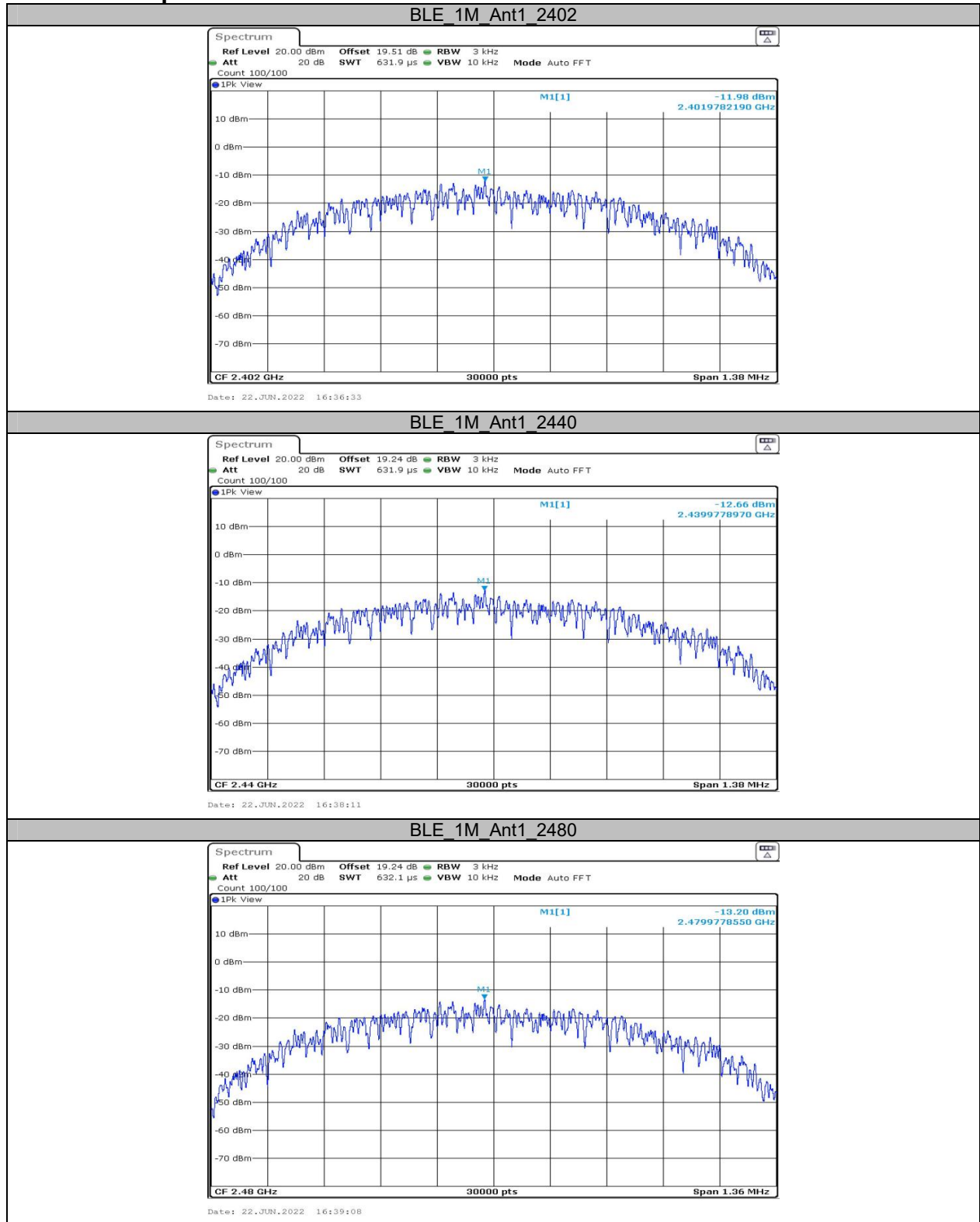
Appendix C: Maximum conducted Peak output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.05	≤30.00	PASS
		2440	0.39	≤30.00	PASS
		2480	-0.21	≤30.00	PASS
Note: antenna gain is -0.88dBi, the maximum EIRP=0.17dBm<36dBm					

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

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.98	≤8.00	PASS
		2440	-12.66	≤8.00	PASS
		2480	-13.2	≤8.00	PASS

Test Graphs

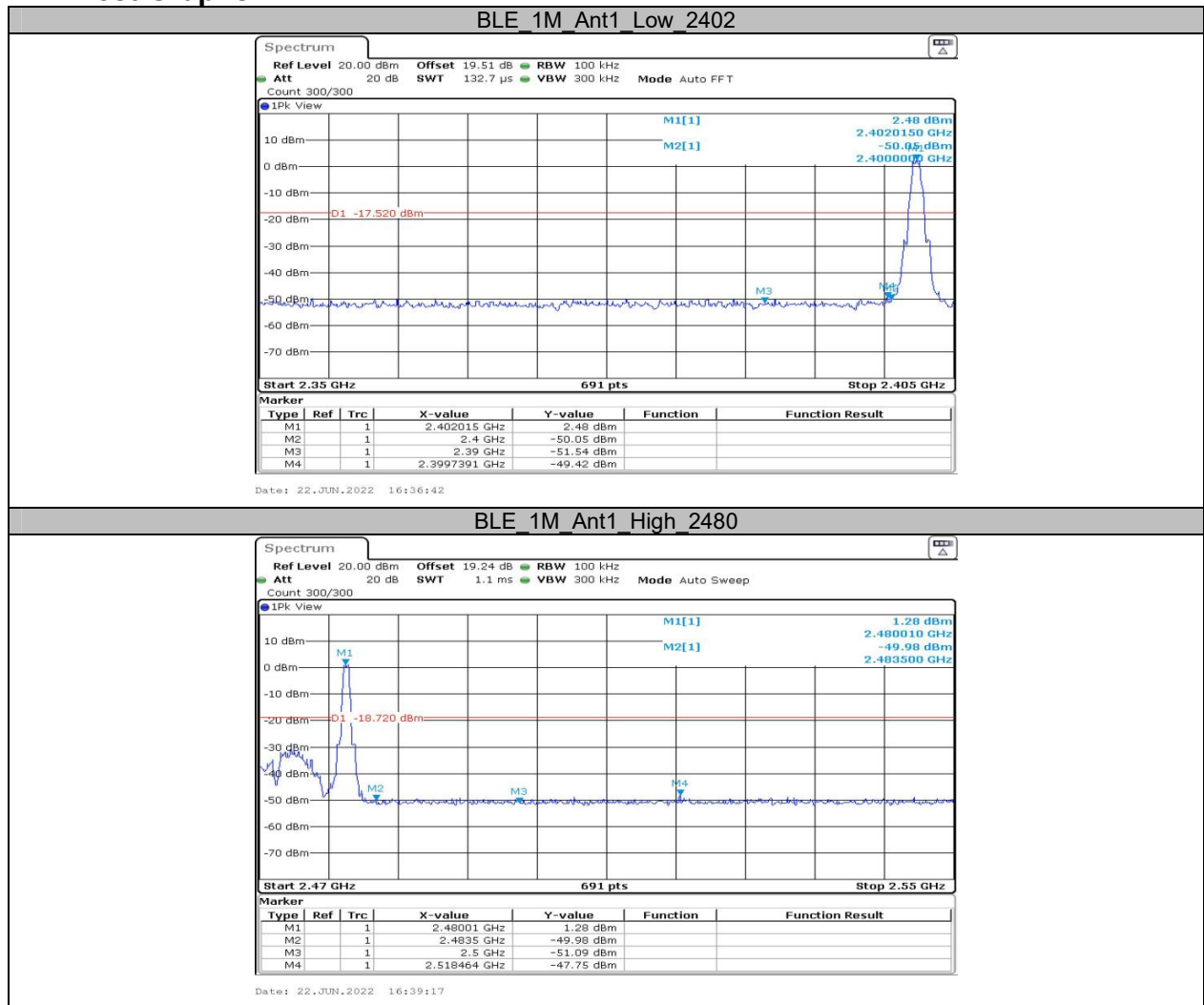


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.48	-49.42	≤-17.52	PASS
		High	2480	1.28	-47.75	≤-18.72	PASS

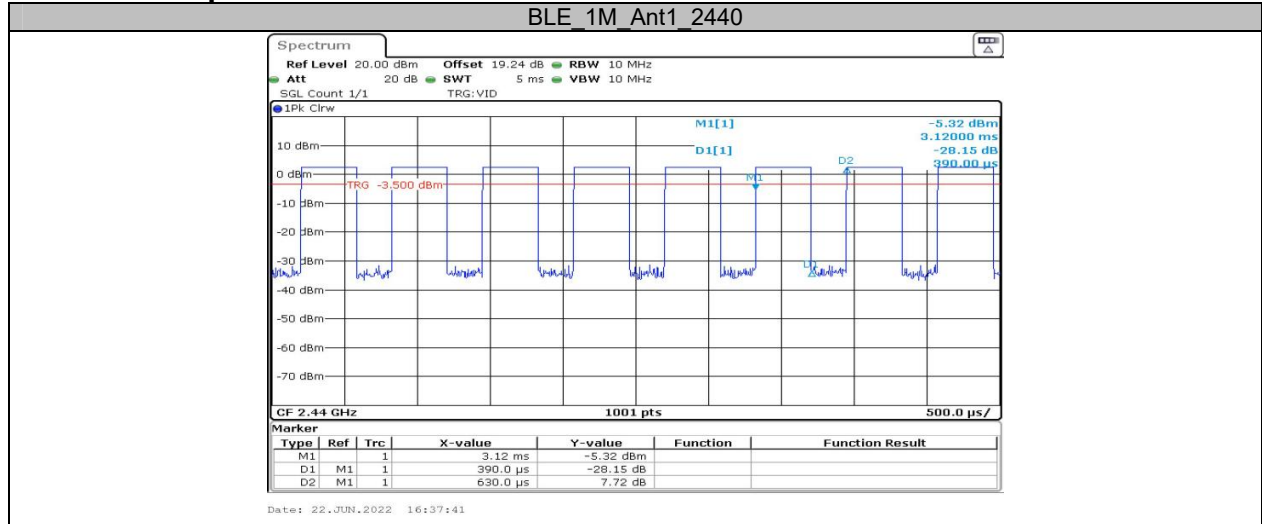
Test Graphs



Appendix F: Duty Cycle Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2440	0.39	0.63	61.90

Test Graphs



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