



Appendix C: Maximum conducted output power Test Result

PK:

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	18.99	≤30.00	PASS
		2437	18.60	≤30.00	PASS
		2462	18.87	≤30.00	PASS
11G	Ant1	2412	19.23	≤30.00	PASS
		2437	20.71	≤30.00	PASS
		2462	21.03	≤30.00	PASS
11N20SISO	Ant1	2412	19.02	≤30.00	PASS
		2437	20.74	≤30.00	PASS
		2462	21.01	≤30.00	PASS
11N40SISO	Ant1	2422	20.35	≤30.00	PASS
		2437	20.24	≤30.00	PASS
		2452	20.72	≤30.00	PASS

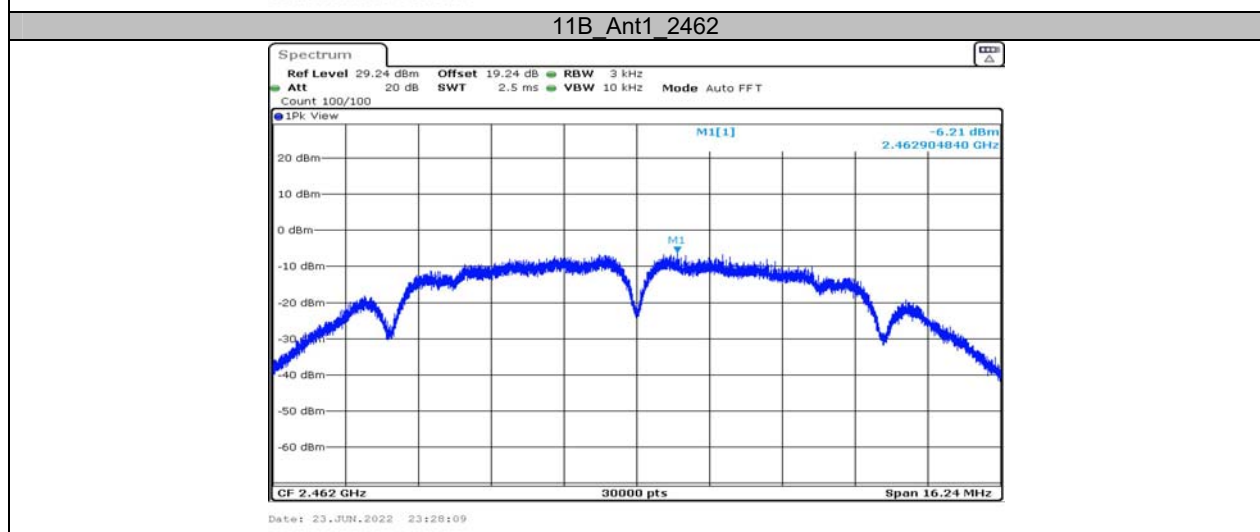
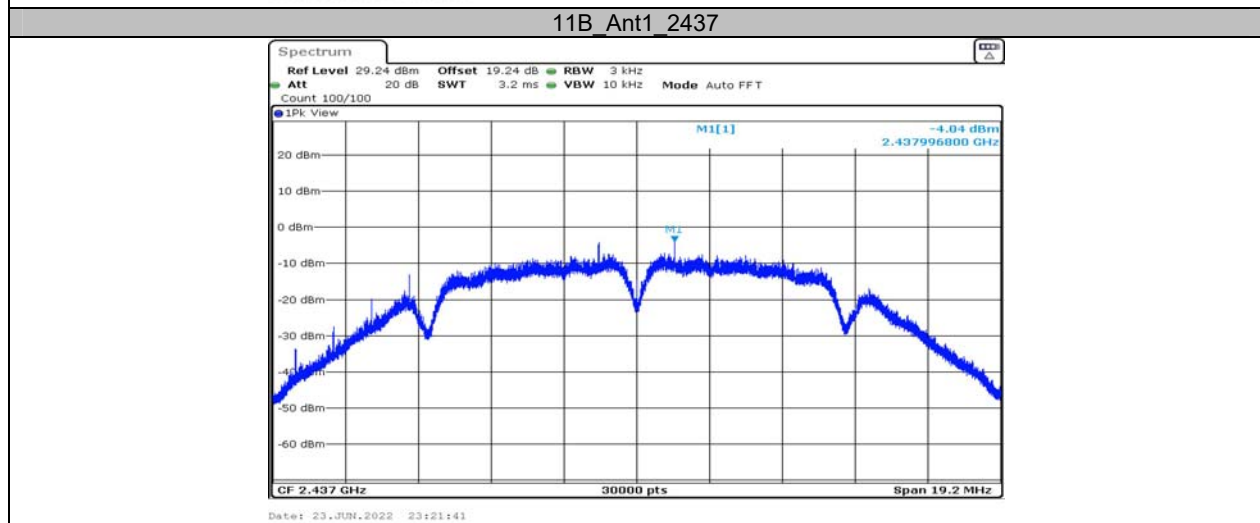
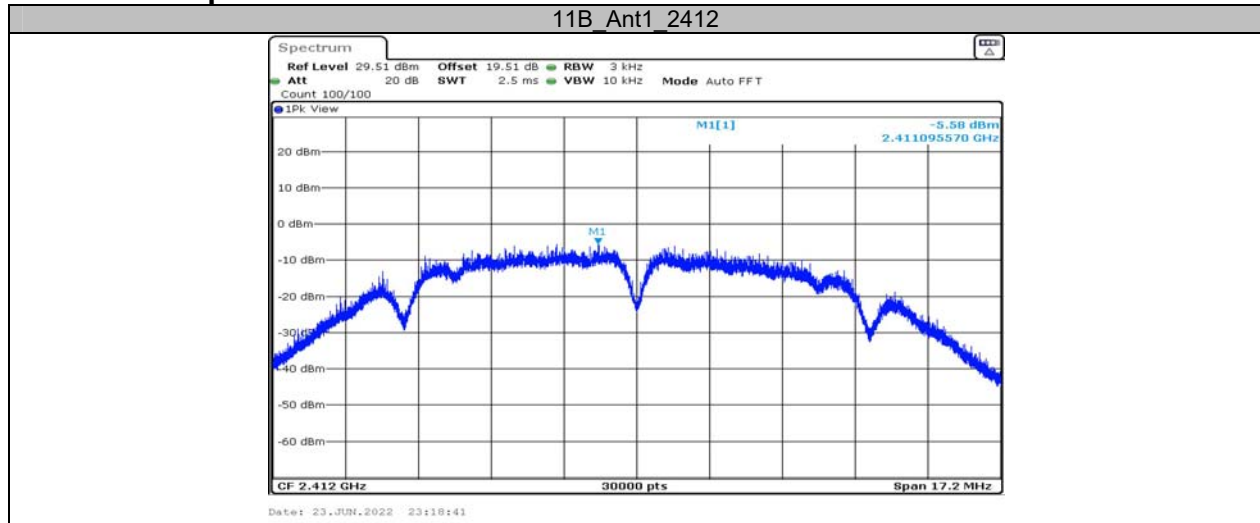
AV:

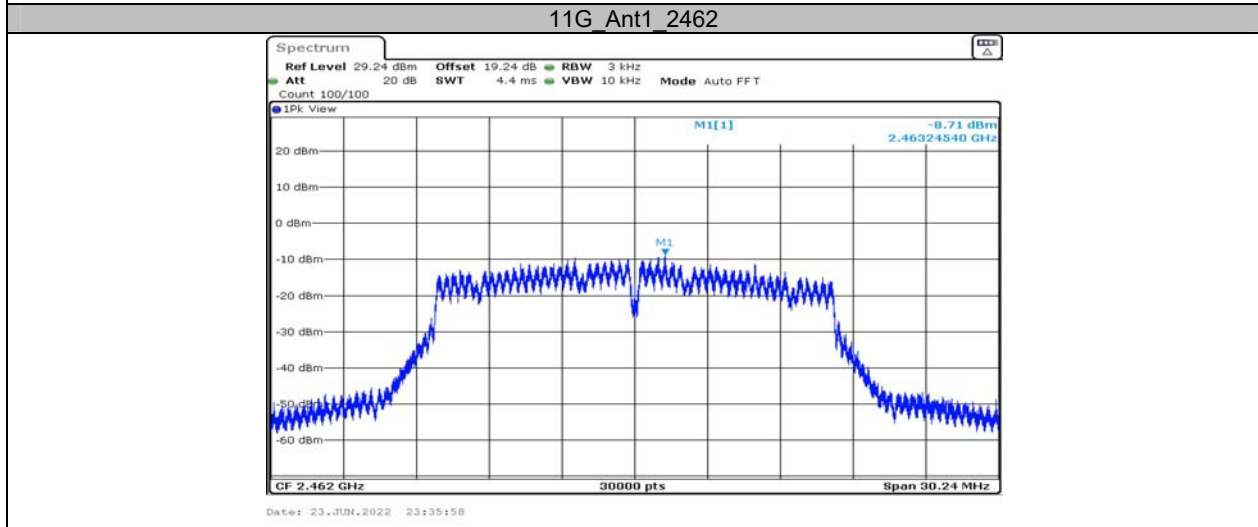
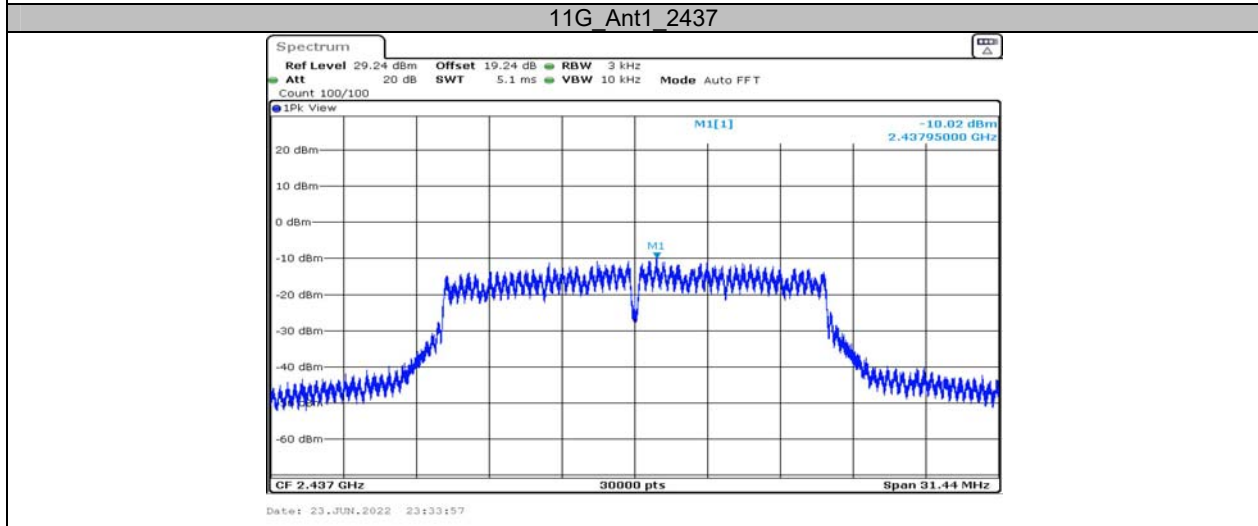
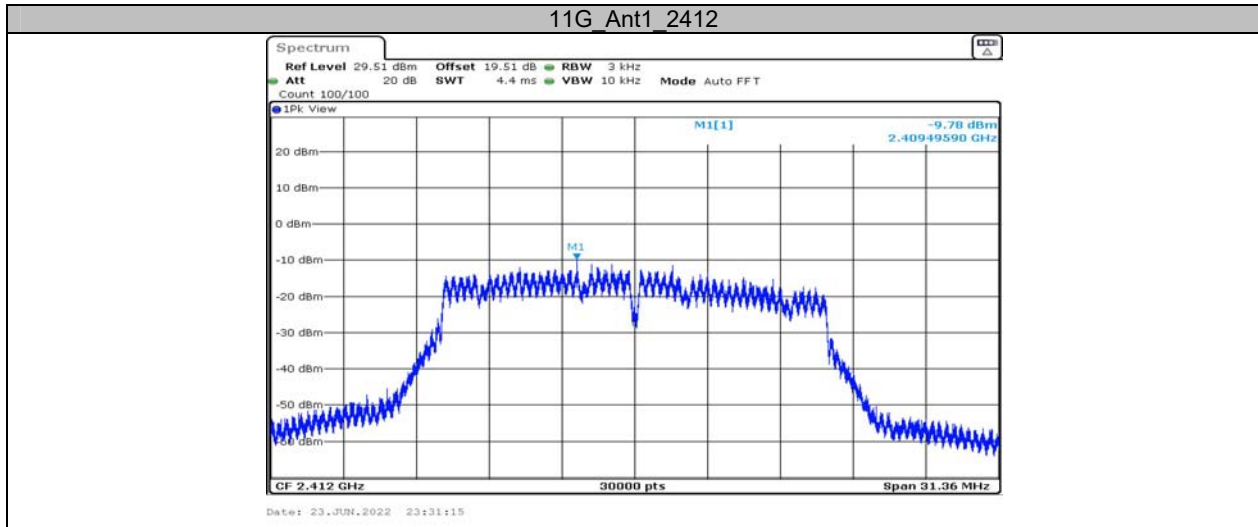
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.74	≤30.00	PASS
		2437	16.89	≤30.00	PASS
		2462	17.06	≤30.00	PASS
11G	Ant1	2412	12.73	≤30.00	PASS
		2437	14.78	≤30.00	PASS
		2462	14.93	≤30.00	PASS
11N20SISO	Ant1	2412	12.72	≤30.00	PASS
		2437	14.83	≤30.00	PASS
		2462	14.88	≤30.00	PASS
11N40SISO	Ant1	2422	14.15	≤30.00	PASS
		2437	14.29	≤30.00	PASS
		2452	14.60	≤30.00	PASS

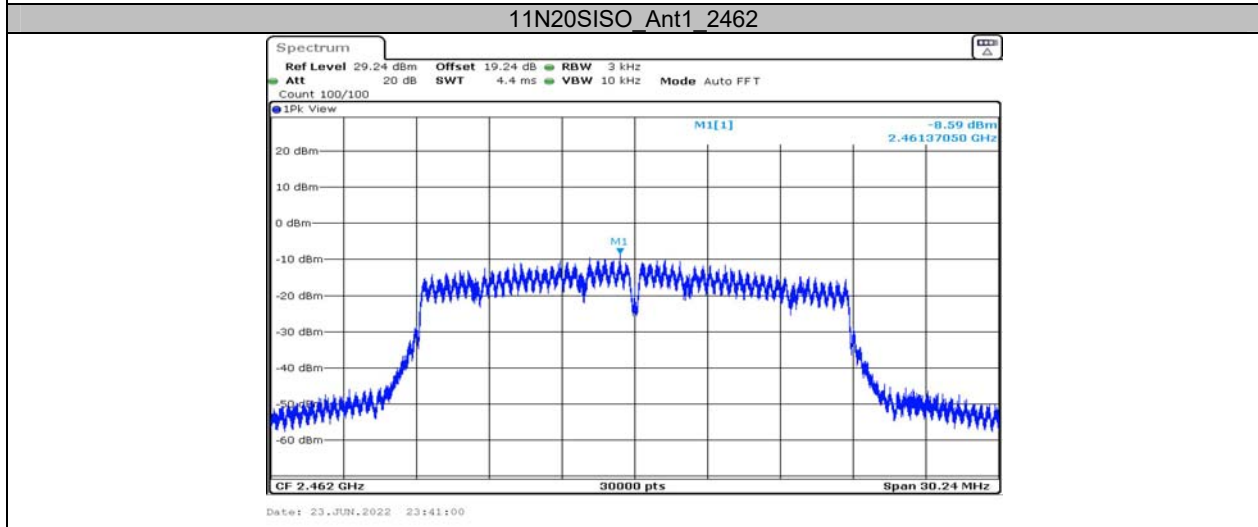
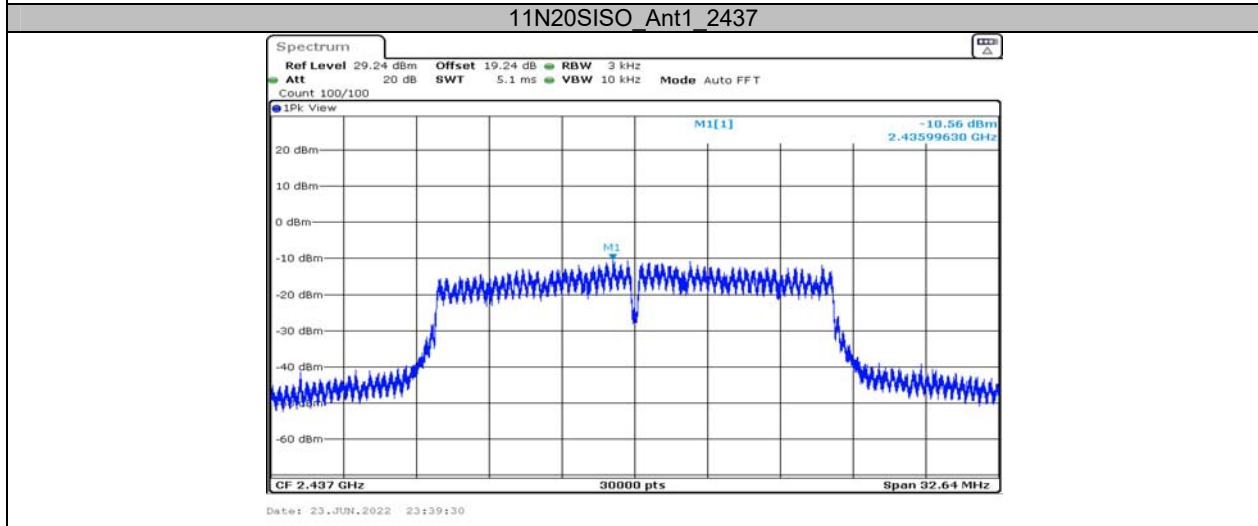
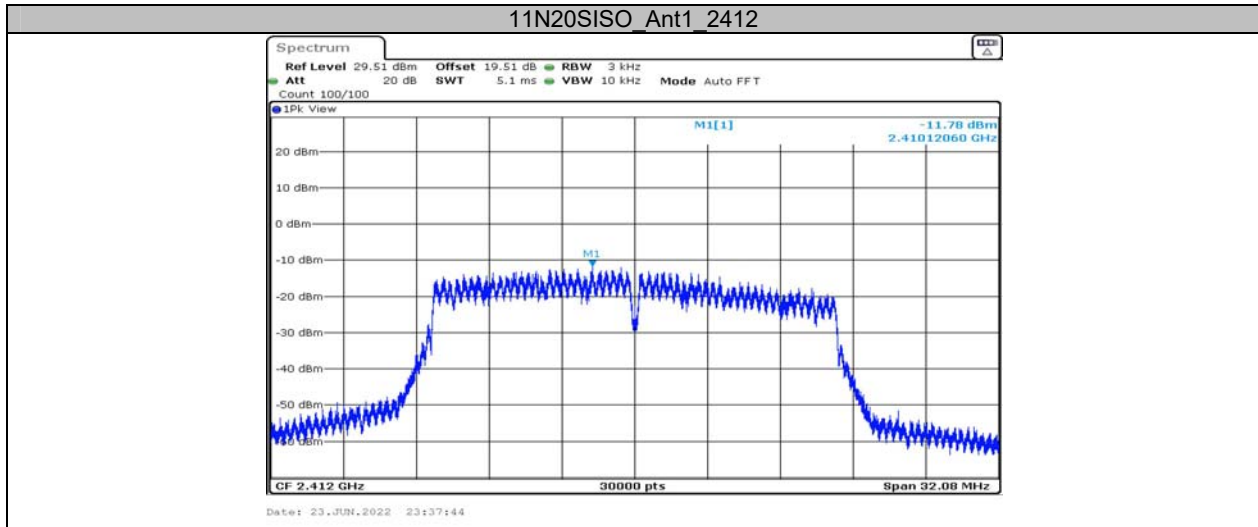
**Appendix D: Maximum power spectral density
Test Result**

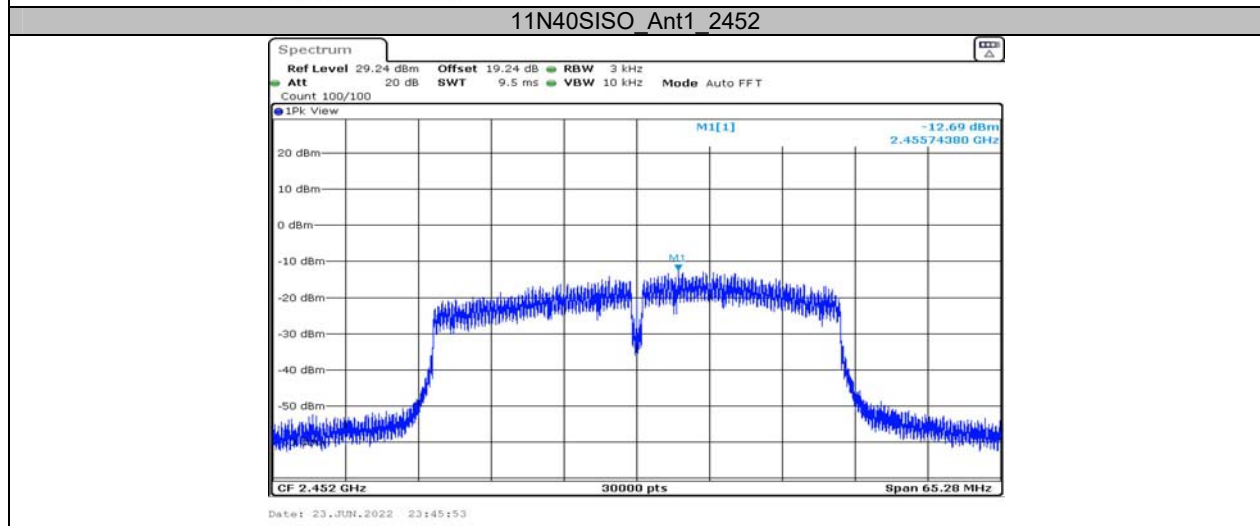
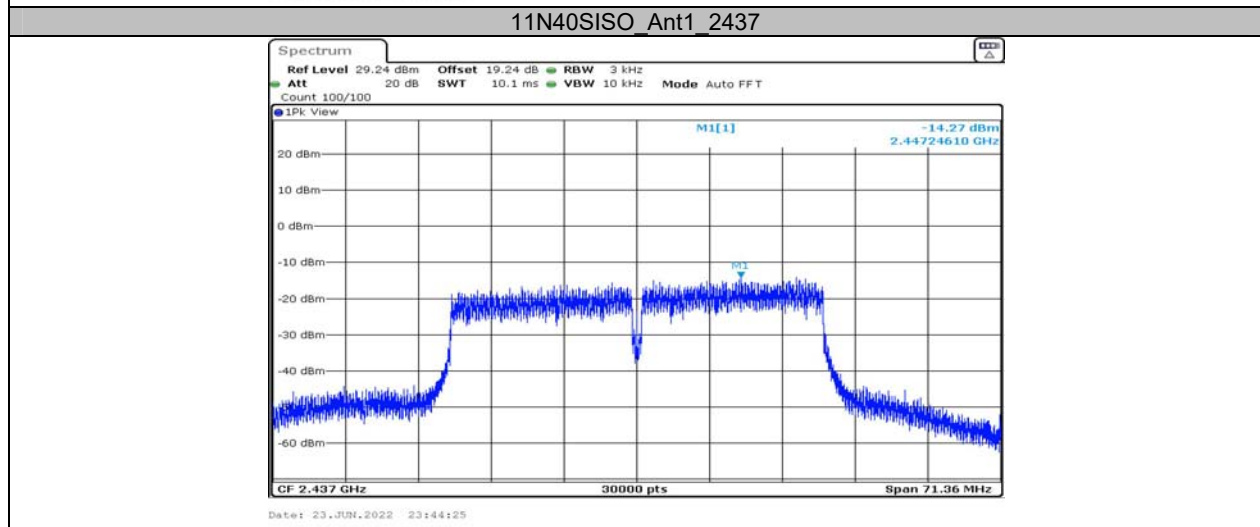
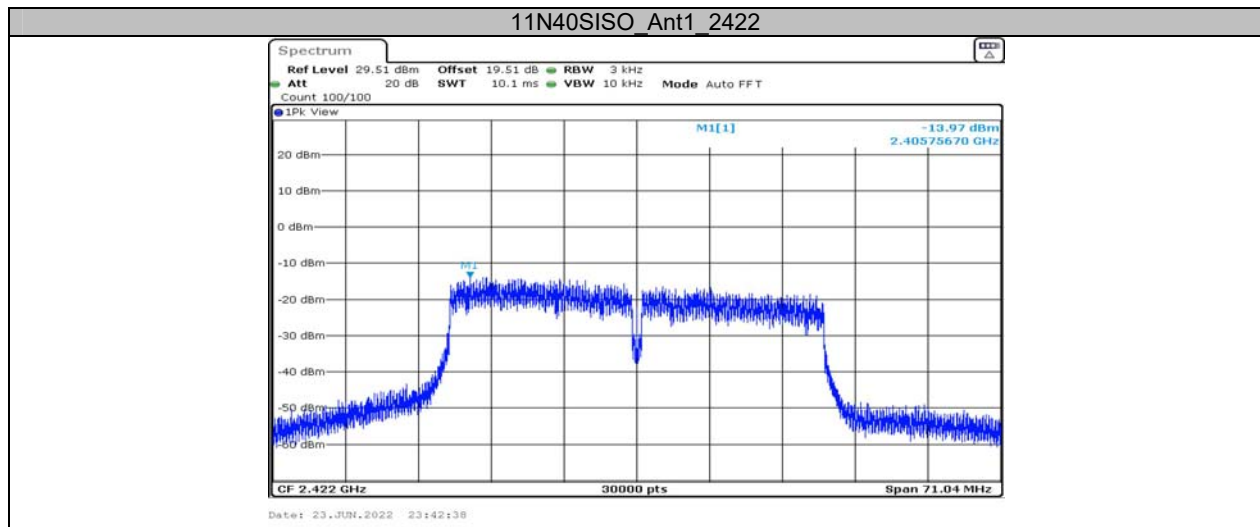
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.58	≤8.00	PASS
		2437	-4.04	≤8.00	PASS
		2462	-6.21	≤8.00	PASS
11G	Ant1	2412	-9.78	≤8.00	PASS
		2437	-10.02	≤8.00	PASS
		2462	-8.71	≤8.00	PASS
11N20SISO	Ant1	2412	-11.78	≤8.00	PASS
		2437	-10.56	≤8.00	PASS
		2462	-8.59	≤8.00	PASS
11N40SISO	Ant1	2422	-13.97	≤8.00	PASS
		2437	-14.27	≤8.00	PASS
		2452	-12.69	≤8.00	PASS

Test Graphs

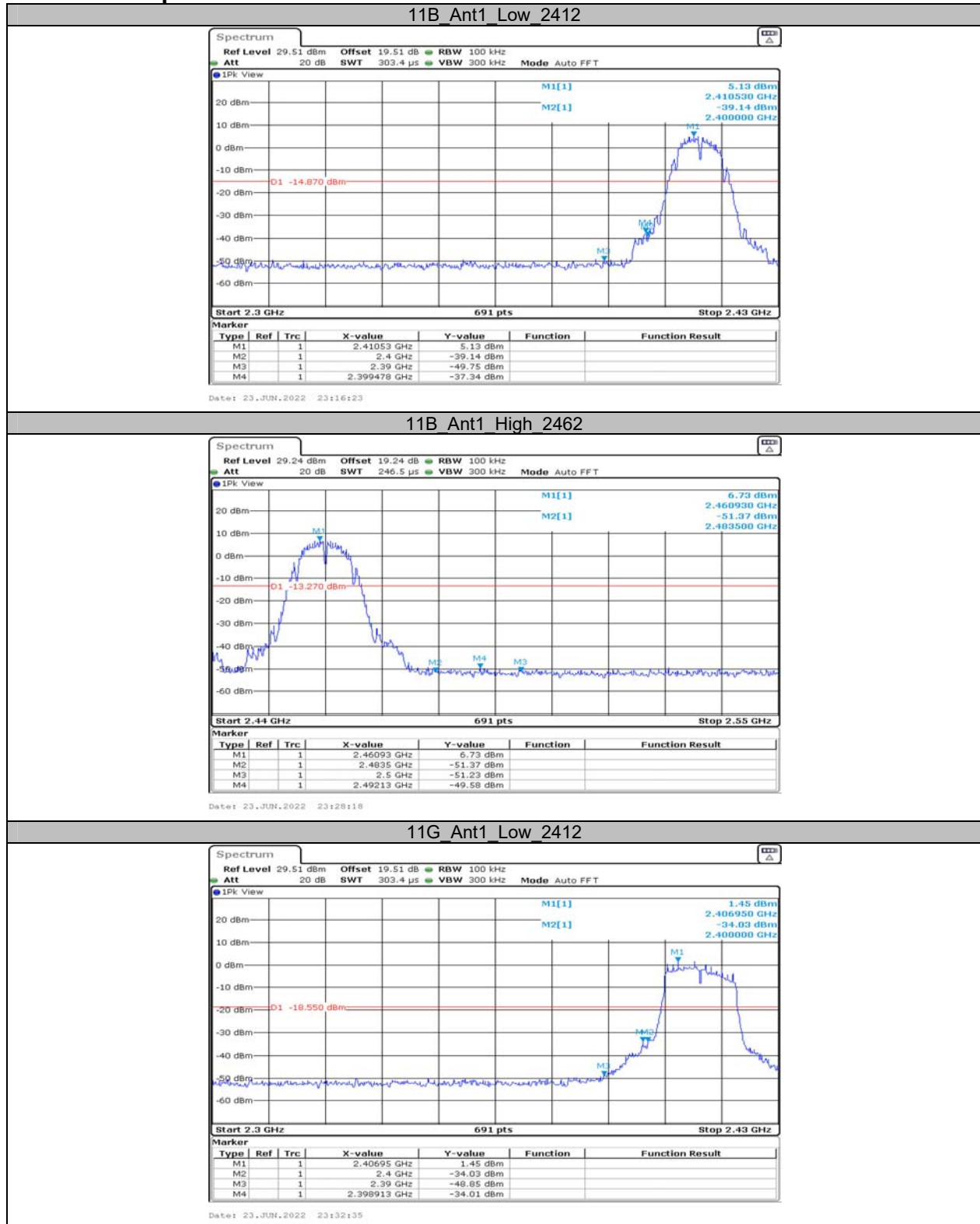




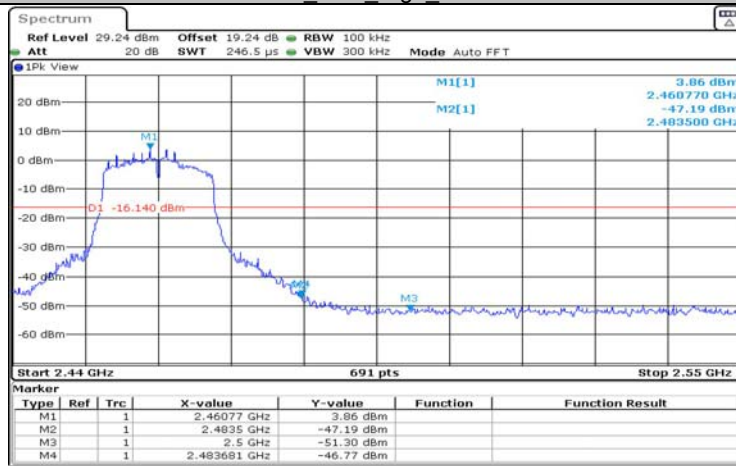




Appendix E: Band edge measurements Test Graphs



11G Ant1 High 2462



Date: 23 JUN. 2022 23:36:07

11N20SISO Ant1 Low 2412

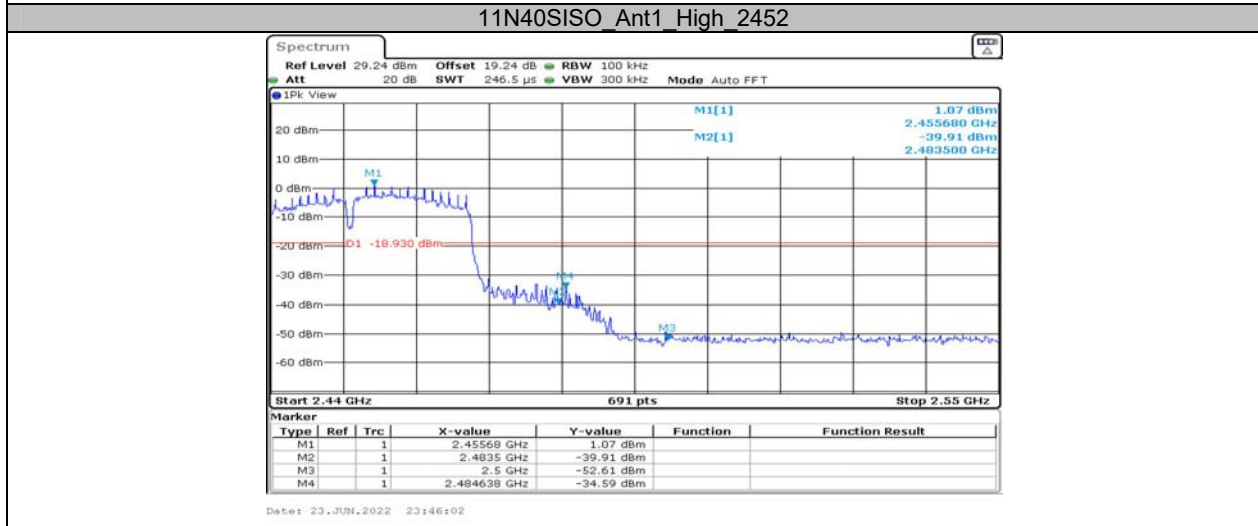


Date: 23 JUN. 2022 23:37:53

11N20SISO Ant1 High 2462



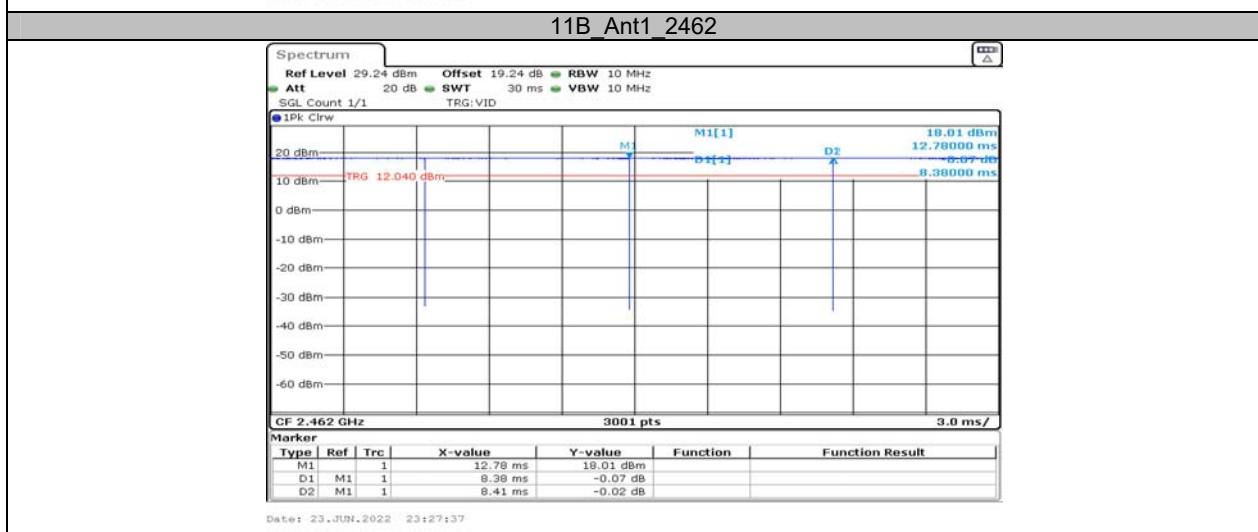
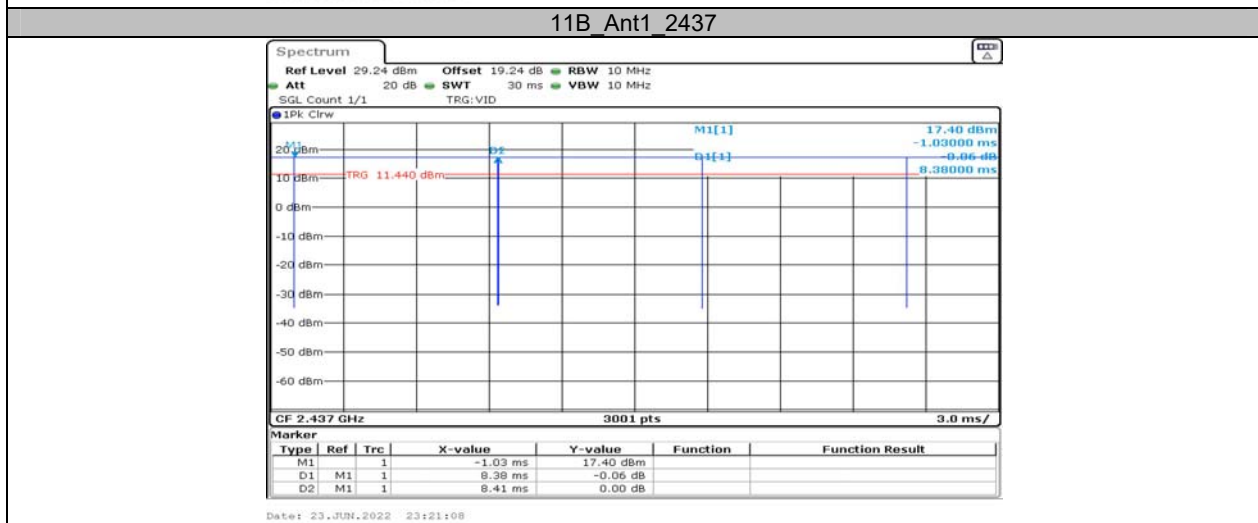
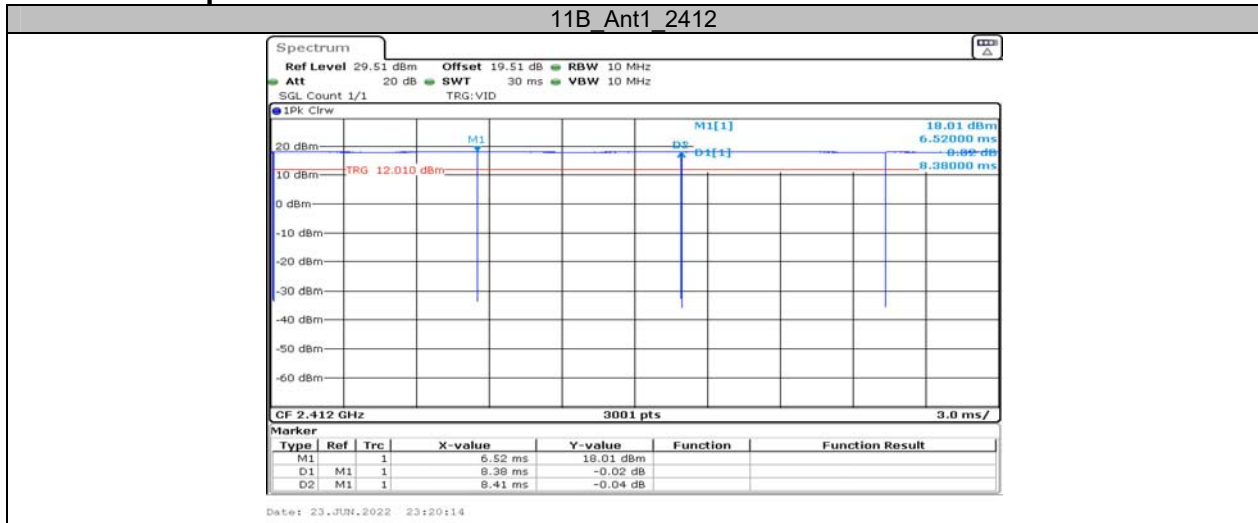
Date: 23 JUN. 2022 23:41:09



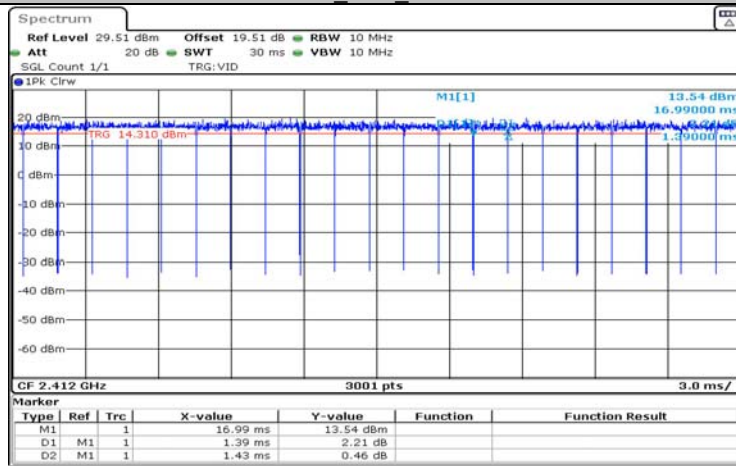
**Appendix F: Duty Cycle
Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.41	99.64
		2437	8.38	8.41	99.64
		2462	8.38	8.41	99.64
11G	Ant1	2412	1.39	1.43	97.20
		2437	1.39	1.43	97.20
		2462	1.39	1.43	97.20
11N20SISO	Ant1	2412	1.30	1.34	97.01
		2437	1.30	1.34	97.01
		2462	1.30	1.34	97.01
11N40SISO	Ant1	2422	0.64	0.68	94.12
		2437	0.64	0.68	94.12
		2452	0.64	0.68	94.12

Test Graphs

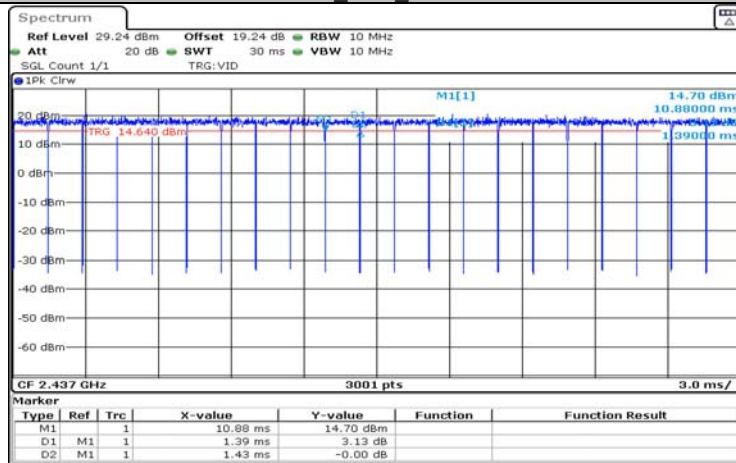


11G_Ant1_2412



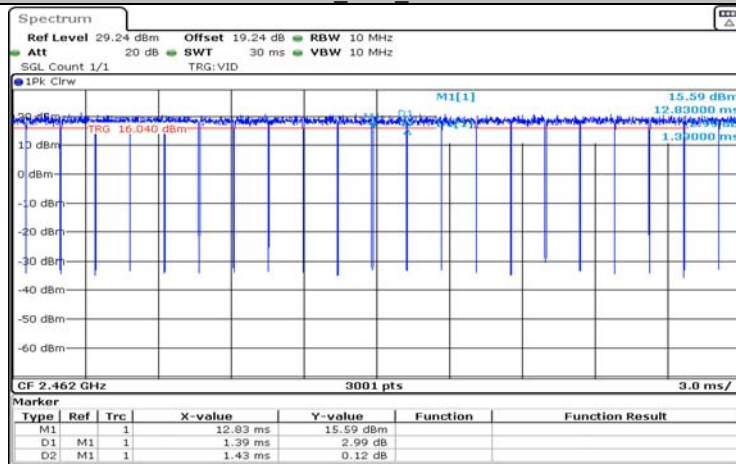
Date: 23 JUN 2022 23:30:42

11G_Ant1_2437

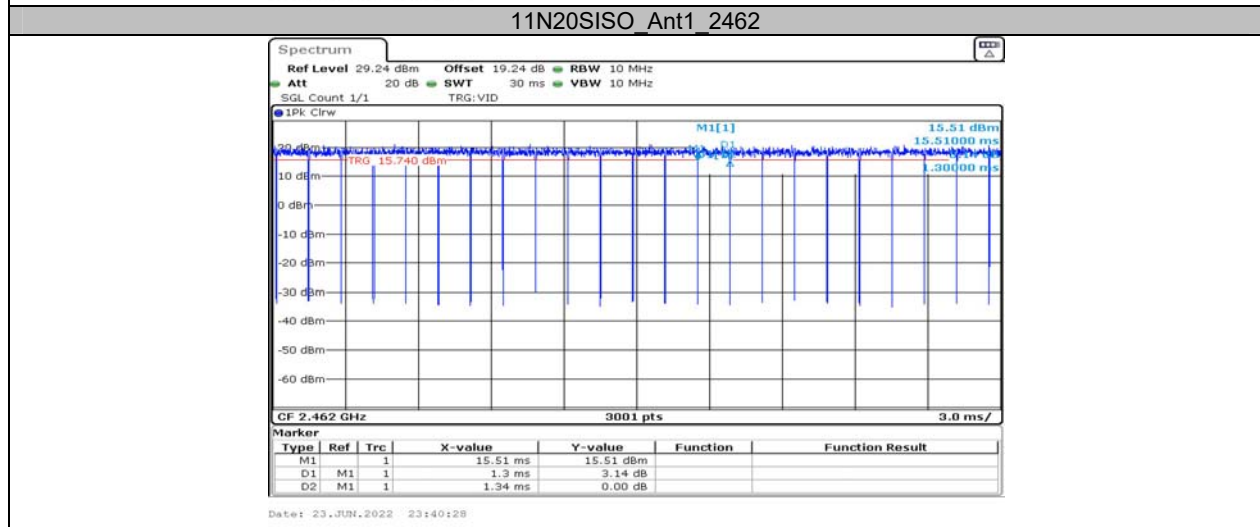
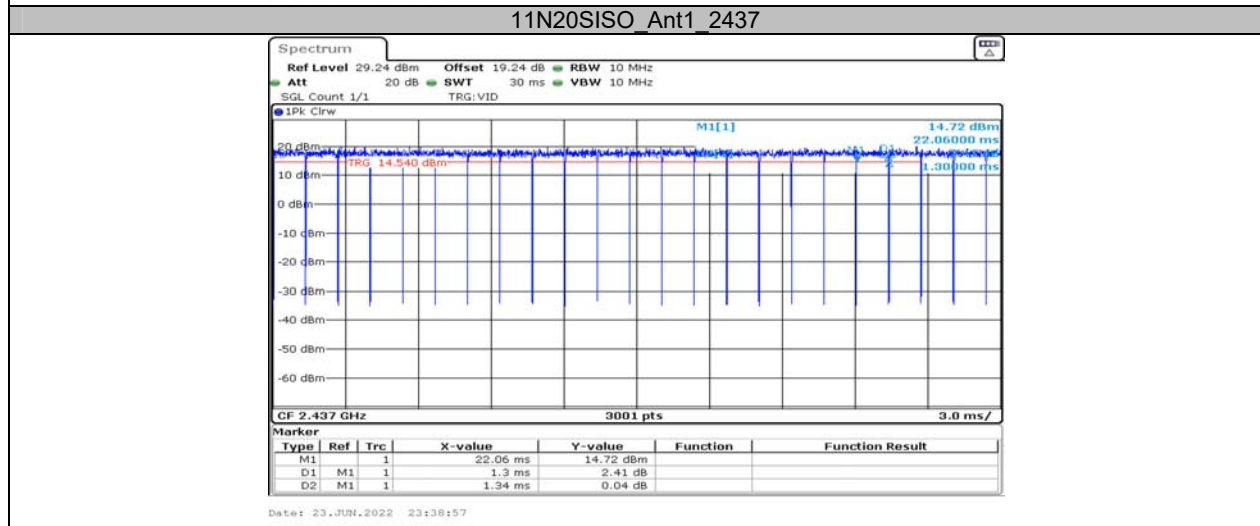
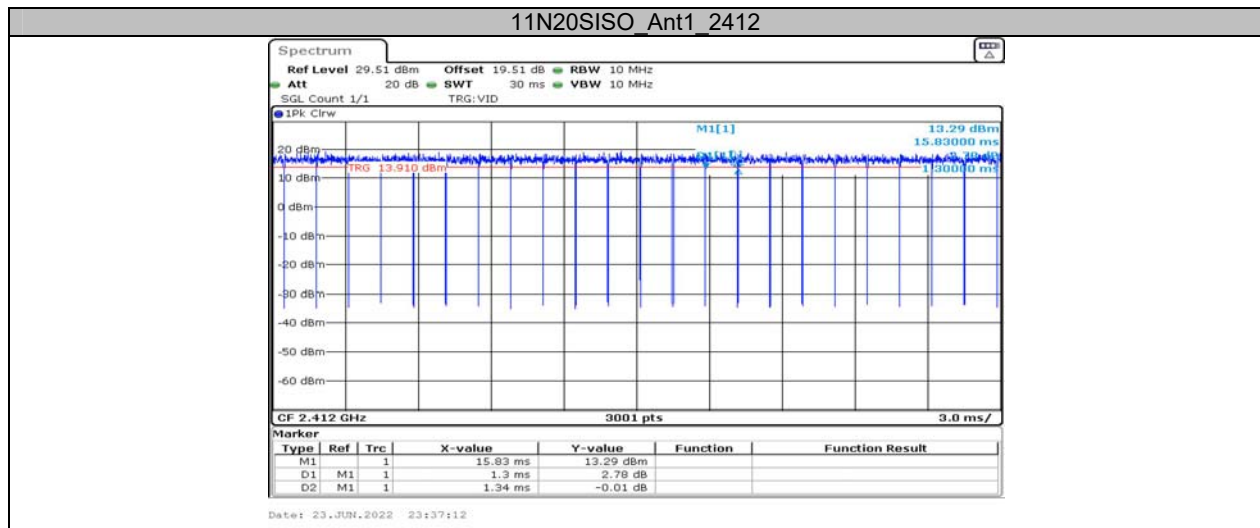


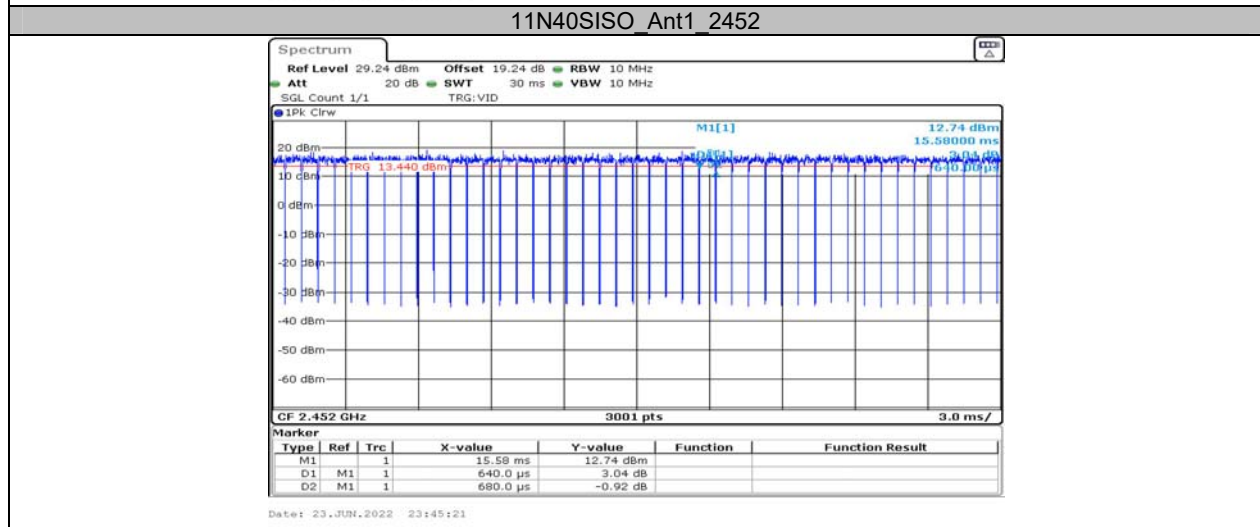
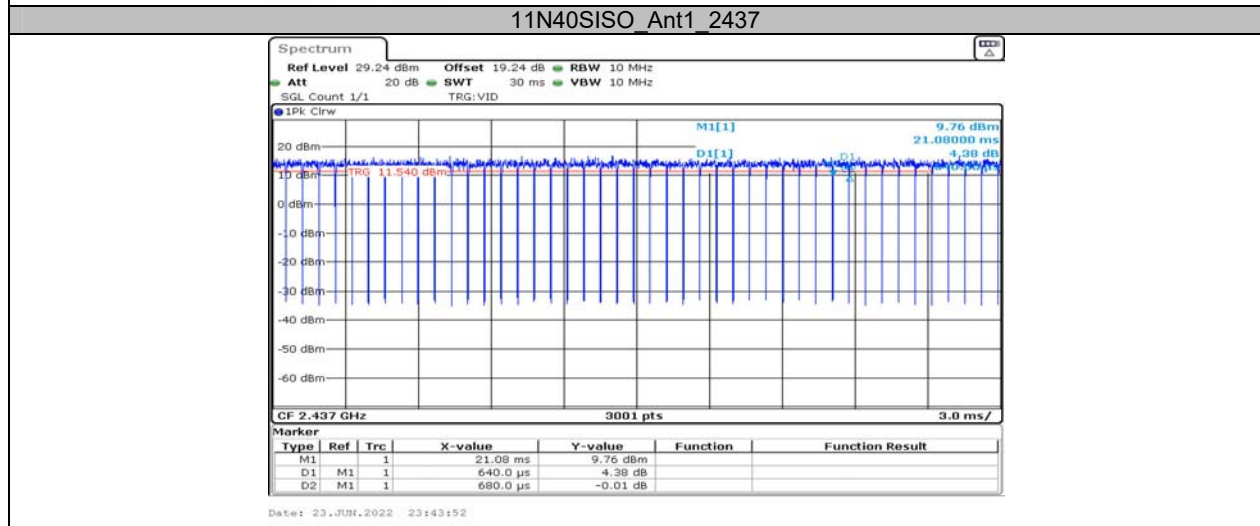
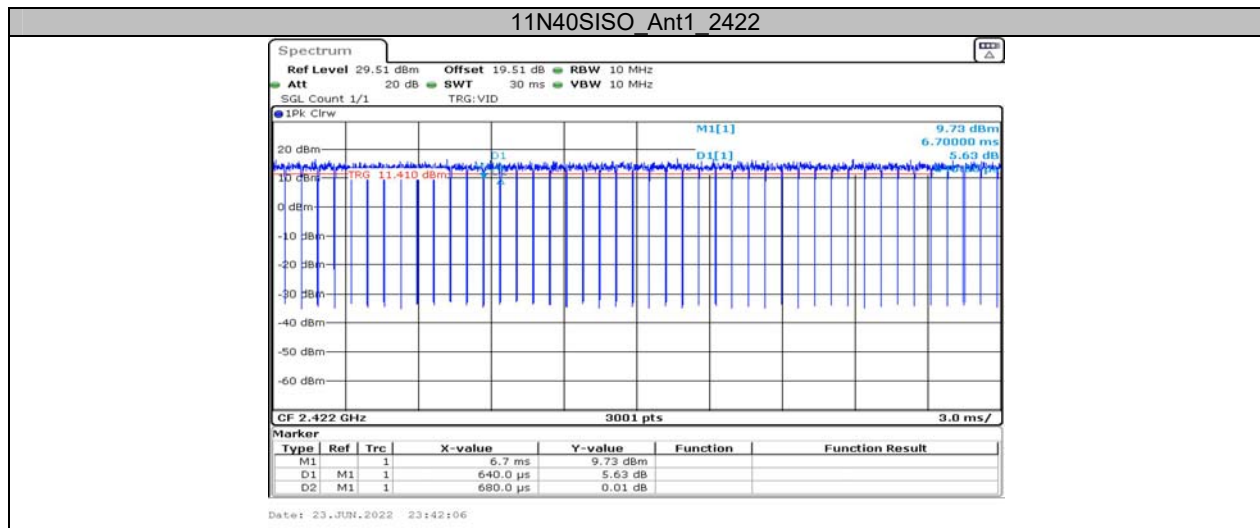
Date: 23 JUN 2022 23:33:24

11G_Ant1_2462



Date: 23 JUN 2022 23:35:25





APPENDIX BLE**Appendix A: DTS Bandwidth
Test Result**

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

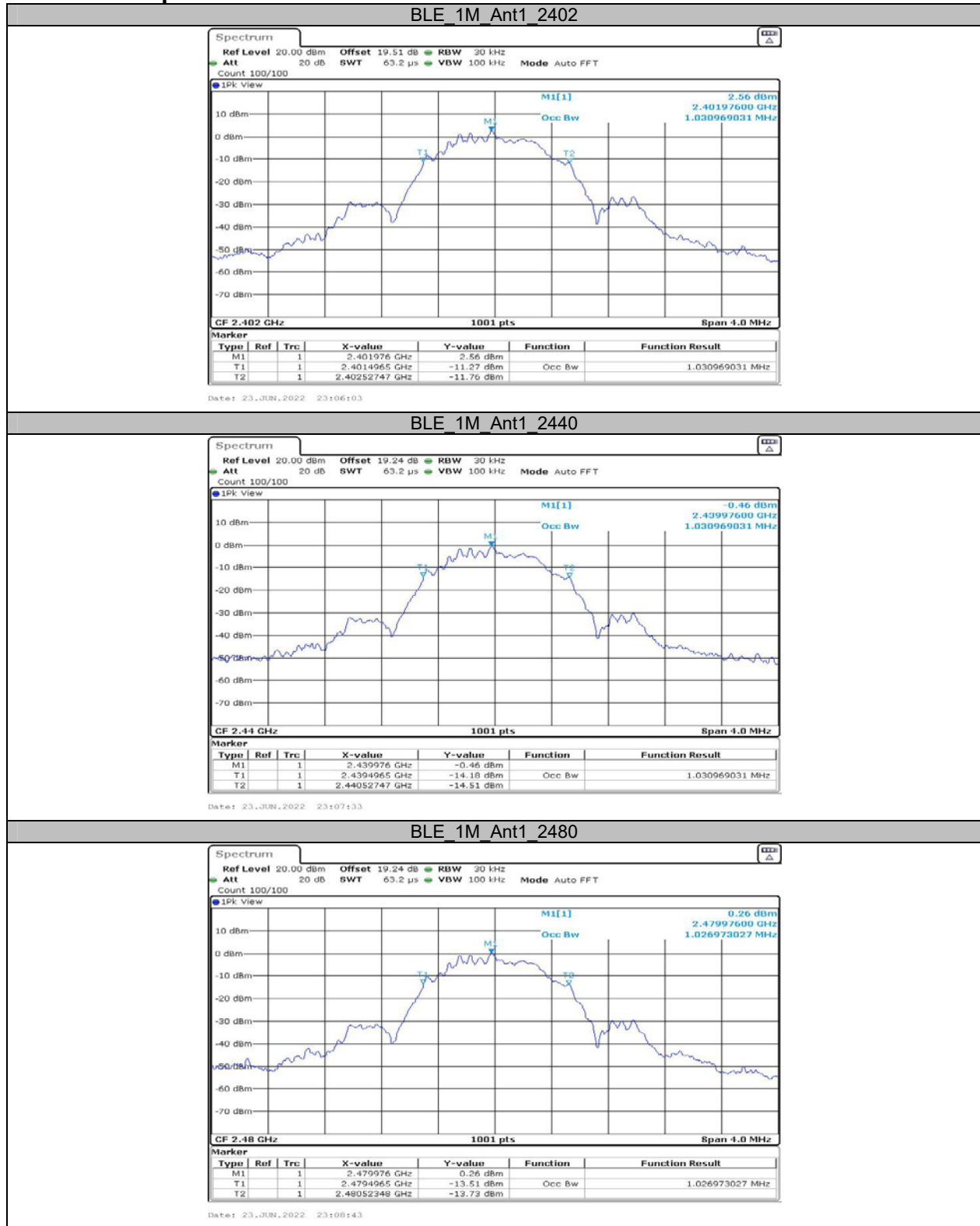
Test Graphs



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

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.497	2402.527	---	---
		2440	1.031	2439.497	2440.527	---	---
		2480	1.027	2479.497	2480.523	---	---

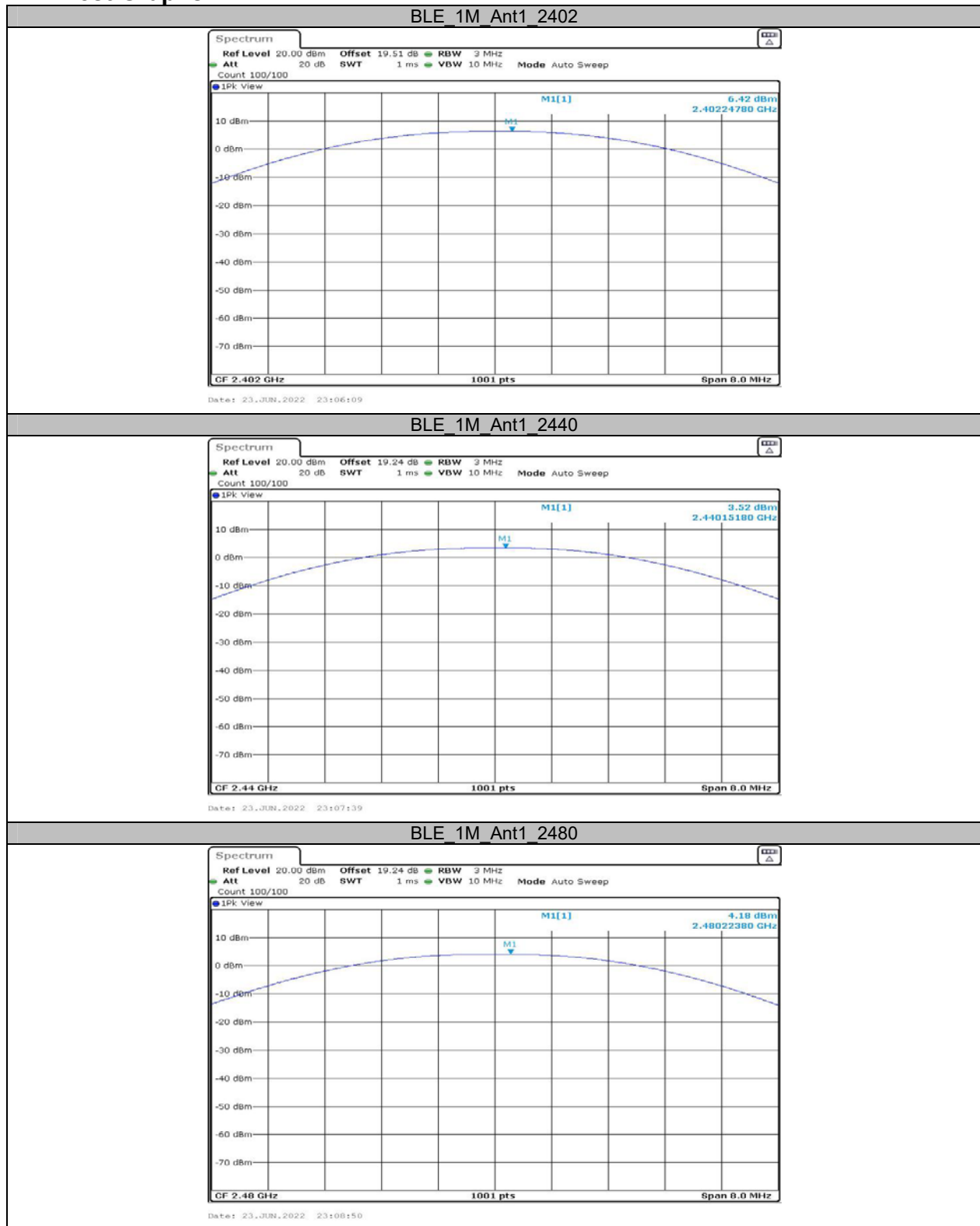
Test Graphs



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

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.42	≤30	PASS
		2440	3.52	≤30	PASS
		2480	4.18	≤30	PASS

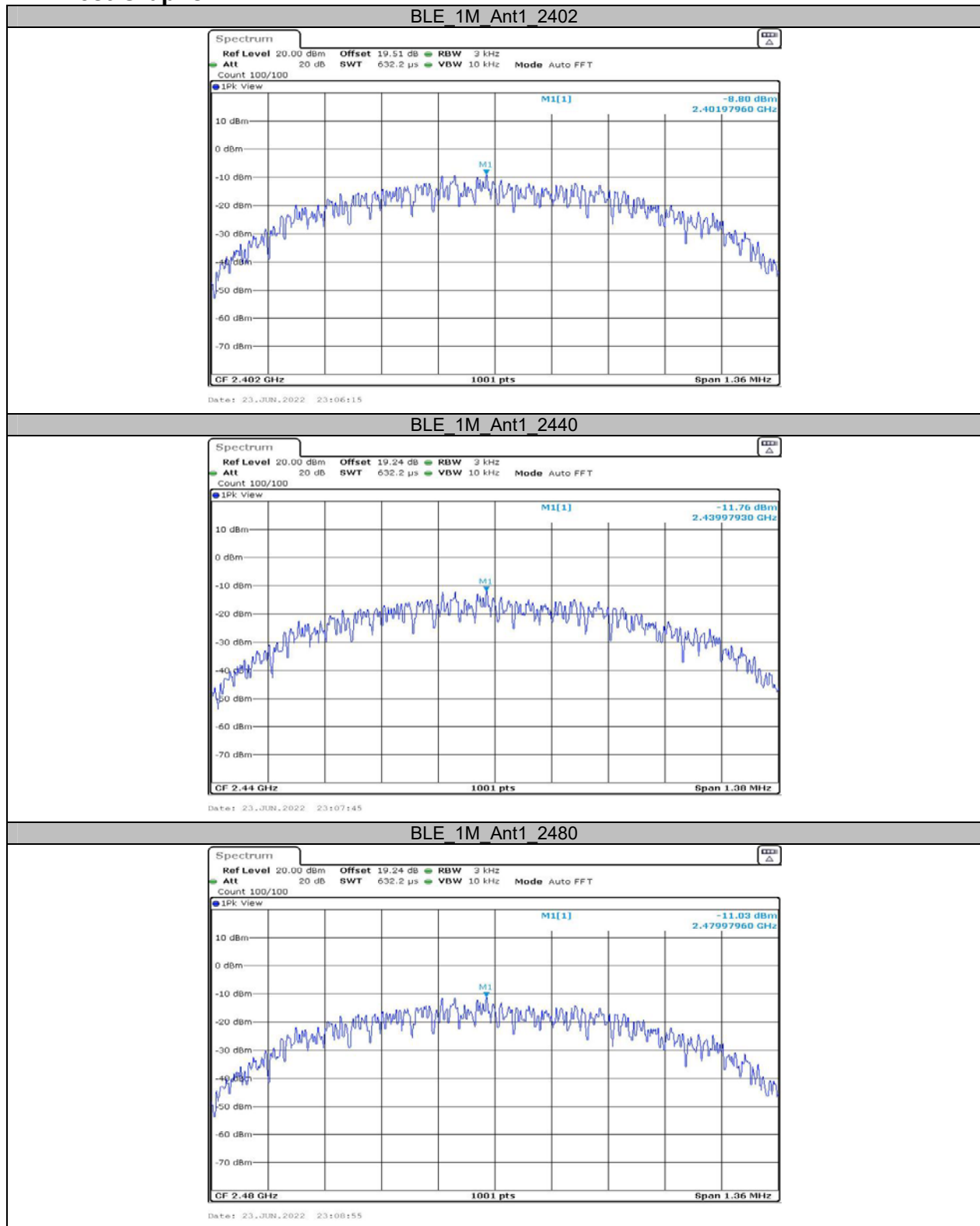
Test Graphs



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

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.8	≤8.00	PASS
		2440	-11.76	≤8.00	PASS
		2480	-11.03	≤8.00	PASS

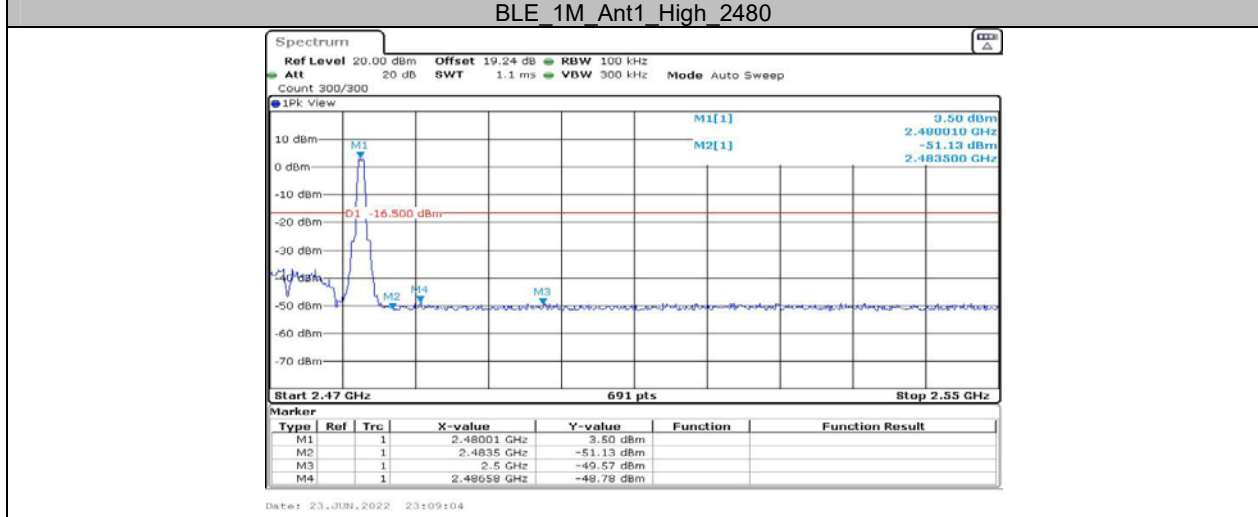
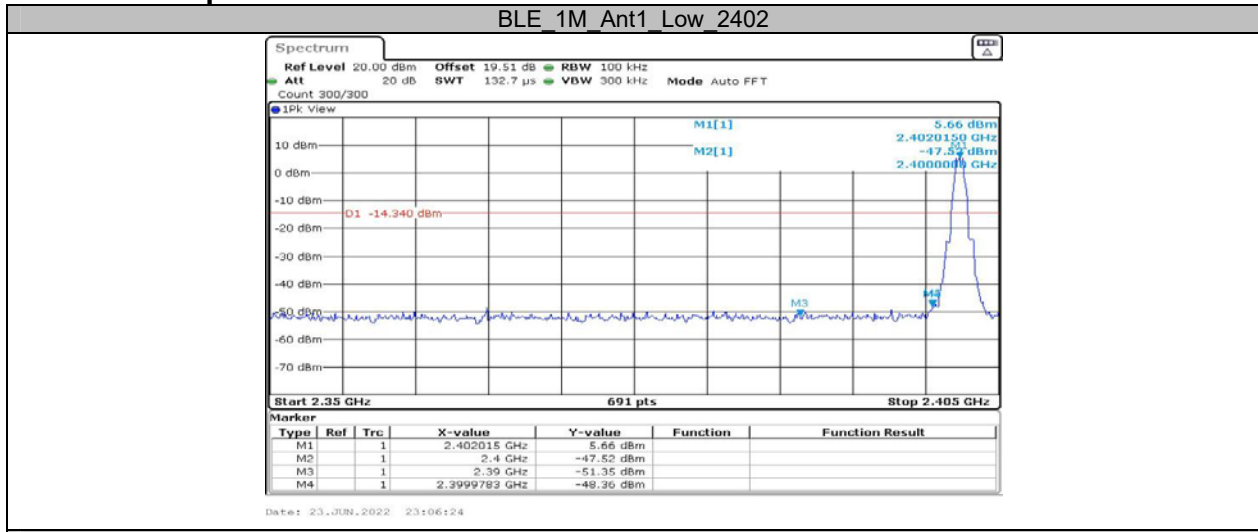
Test Graphs



**Appendix E:Band edge measurements
Test Result**

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.66	-48.36	≤-14.34	PASS
		High	2480	3.50	-48.78	≤-16.5	PASS

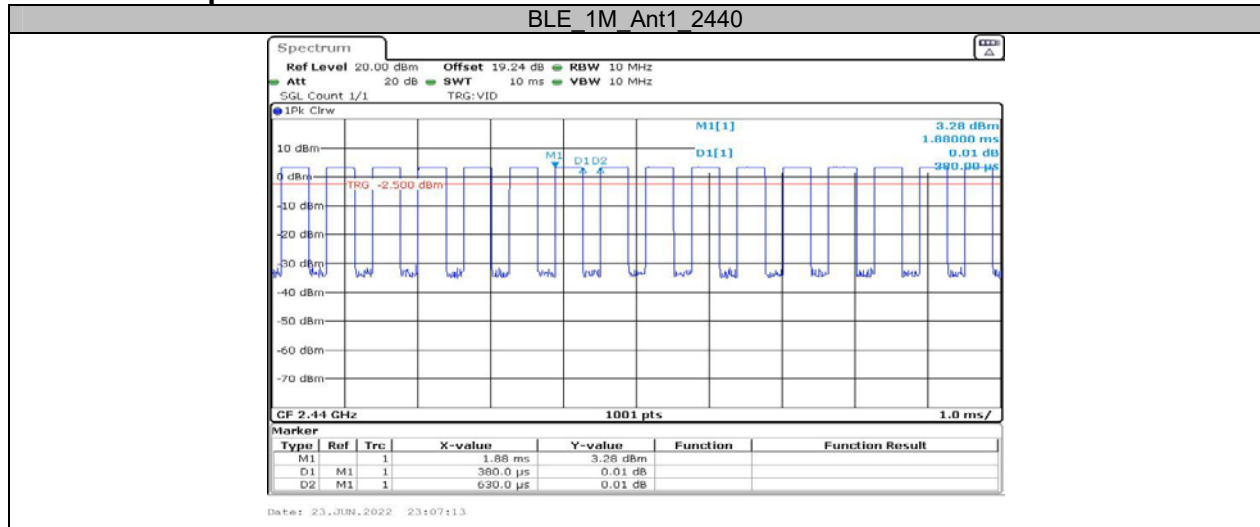
Test Graphs



**Appendix F: Duty Cycle
Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2440	0.38	0.63	60.32

Test Graphs



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