



	Charge + Transmitting mode.
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Instruments Used:	Refer to section 2.9 for details
Test Results:	N/A



4 Appendix

Appendix A: Duty Cycle

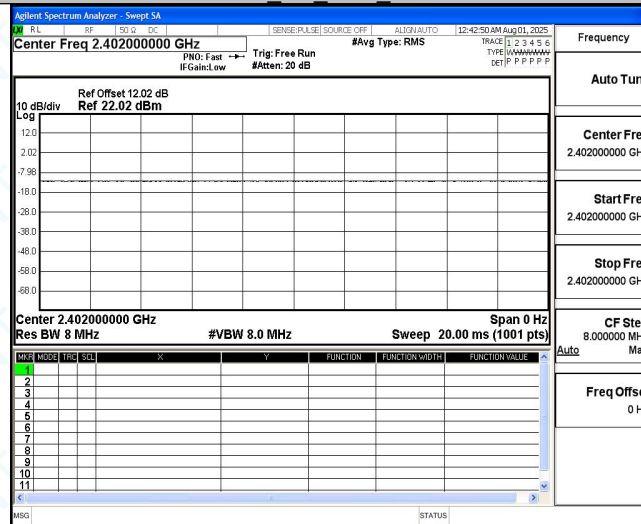
Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	18.00	18.00	1.0000	100.00	0.00	---	---
		2440	8.00	8.00	1.0000	100.00	0.00	---	---
		2480	14.00	14.00	1.0000	100.00	0.00	---	---
BLE_2M	Ant1	2402	20.00	20.00	1.0000	100.00	0.00	---	---
		2440	14.00	14.00	1.0000	100.00	0.00	---	---
		2480	12.00	12.00	1.0000	100.00	0.00	---	---

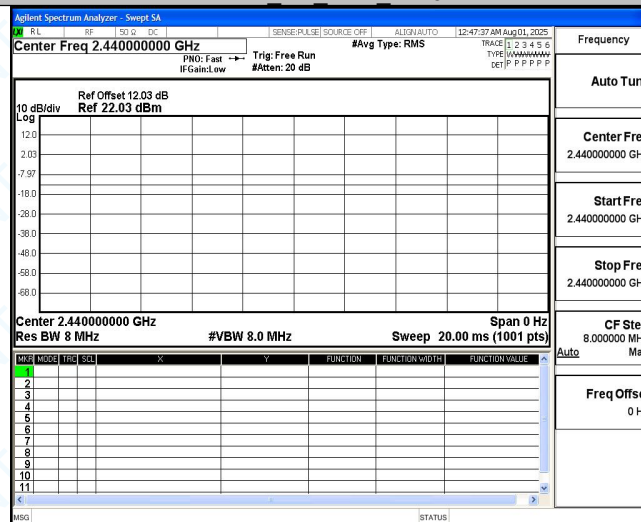


Test Graphs

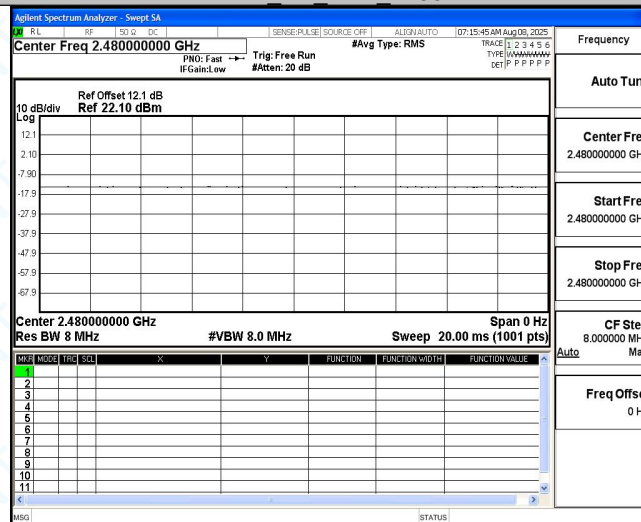
BLE 1M Ant1 2402



BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402



Appendix B: DTS Bandwidth

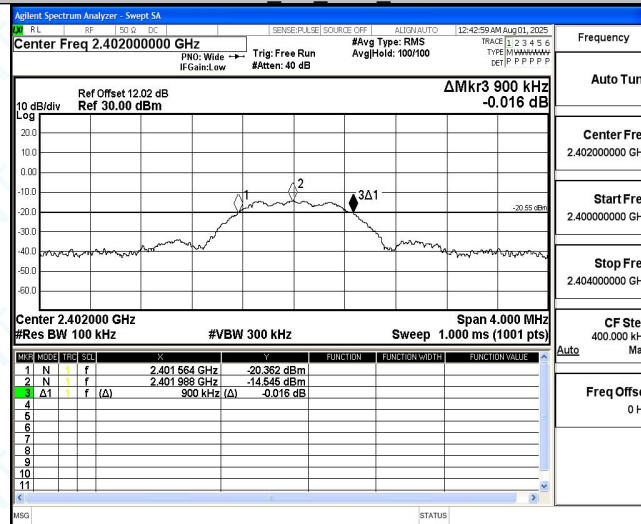
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.900	2401.564	2402.464	0.5	PASS
		2440	0.912	2439.560	2440.472	0.5	PASS
		2480	0.924	2479.552	2480.476	0.5	PASS
BLE_2M	Ant1	2402	0.620	2401.684	2402.304	0.5	PASS
		2440	0.644	2439.672	2440.316	0.5	PASS
		2480	0.688	2479.660	2480.348	0.5	PASS

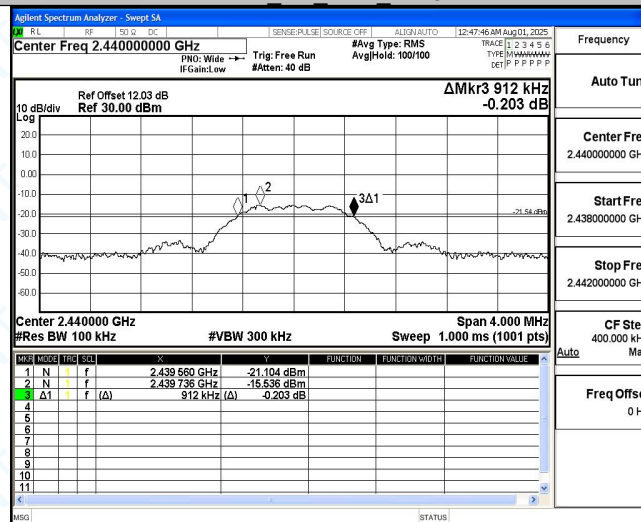


Test Graphs

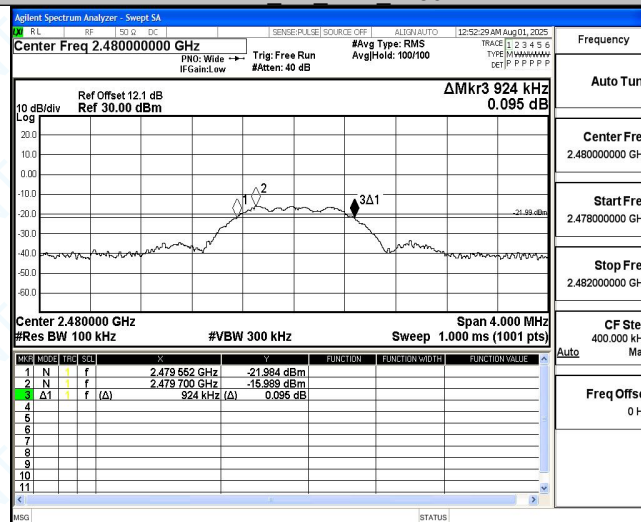
BLE 1M Ant1 2402



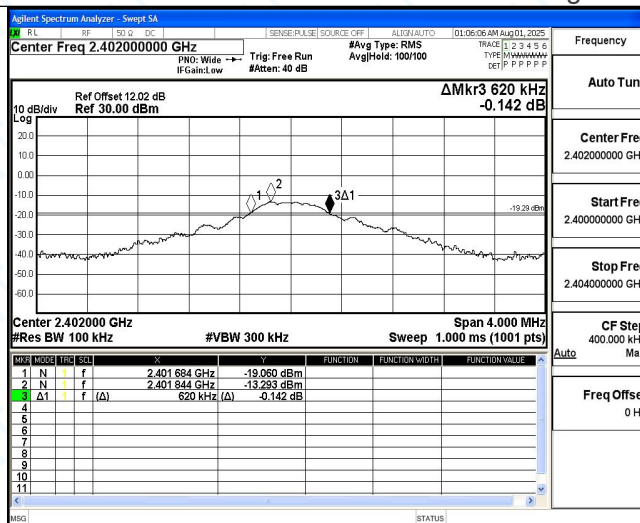
BLE 1M Ant1 2440



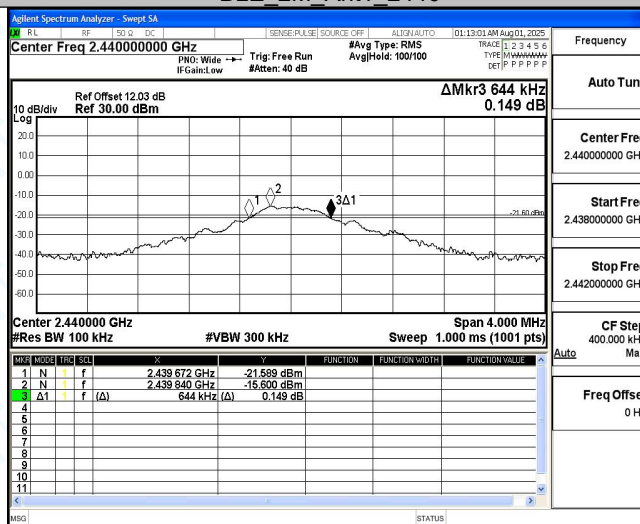
BLE 1M Ant1 2480



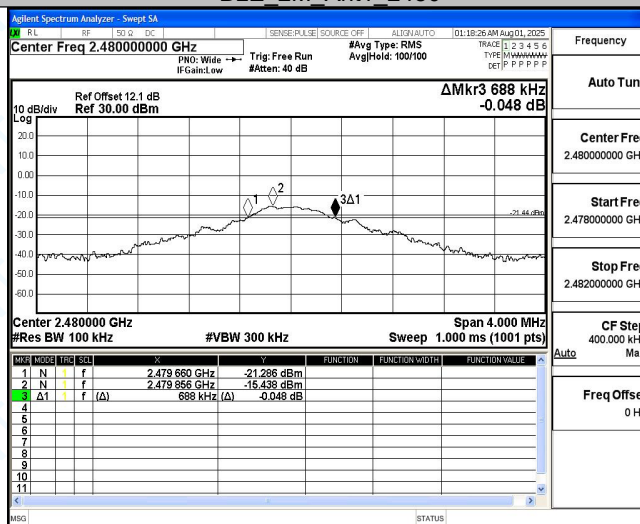
BLE 2M Ant1 2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480





Appendix C: Maximum conducted output power

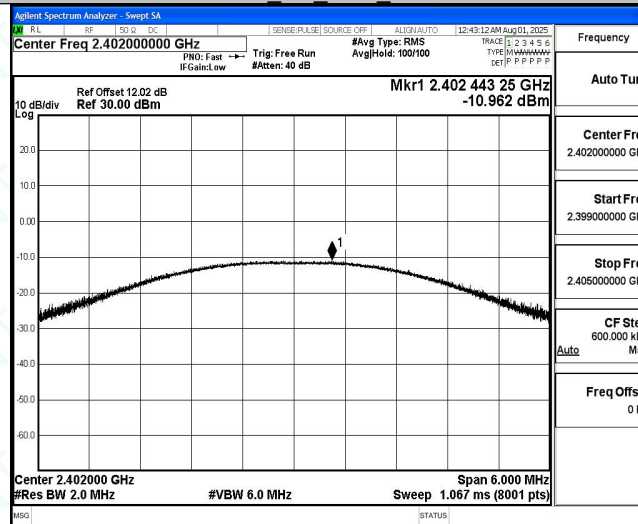
Test Result

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-10.96	≤30	PASS
		2440	-11.70	≤30	PASS
		2480	-12.04	≤30	PASS
BLE_2M	Ant1	2402	-10.04	≤30	PASS
		2440	-11.81	≤30	PASS
		2480	-11.44	≤30	PASS

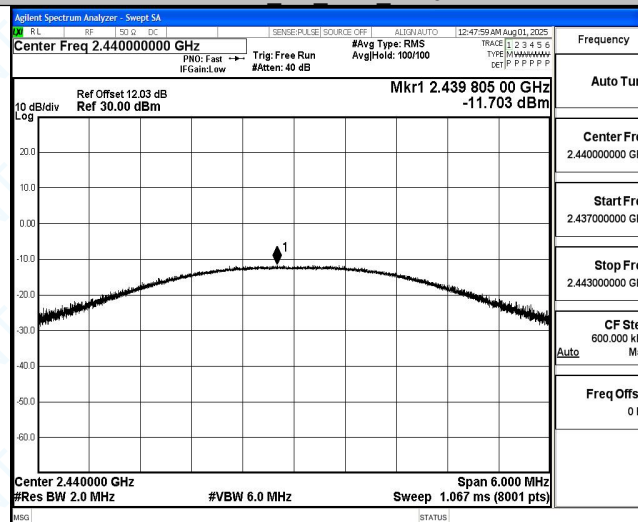


Test Graphs

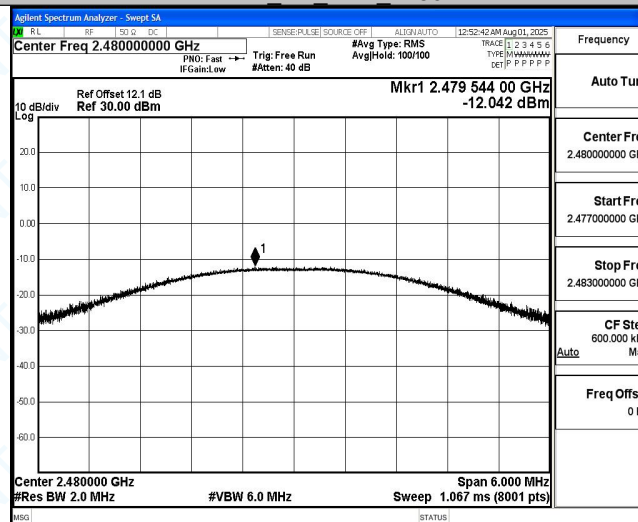
BLE 1M Ant1 2402



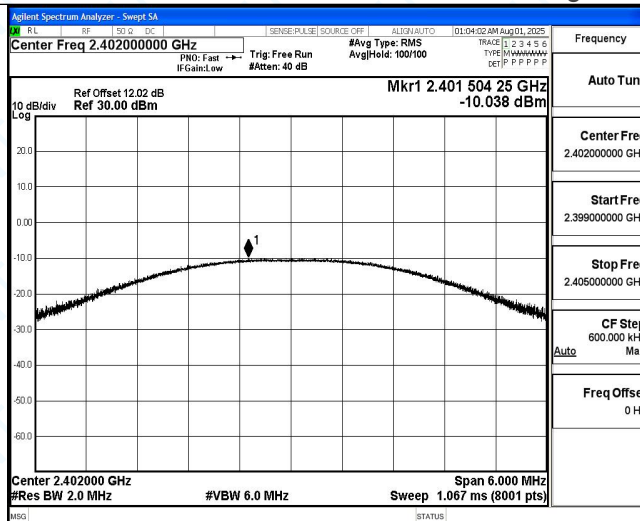
BLE 1M Ant1 2440



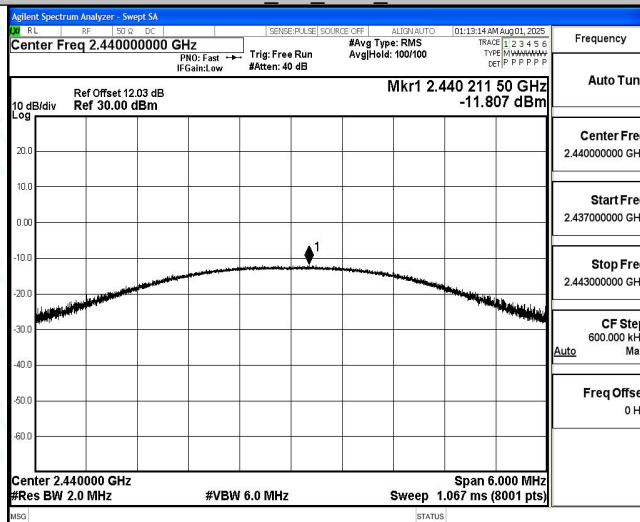
BLE 1M Ant1 2480



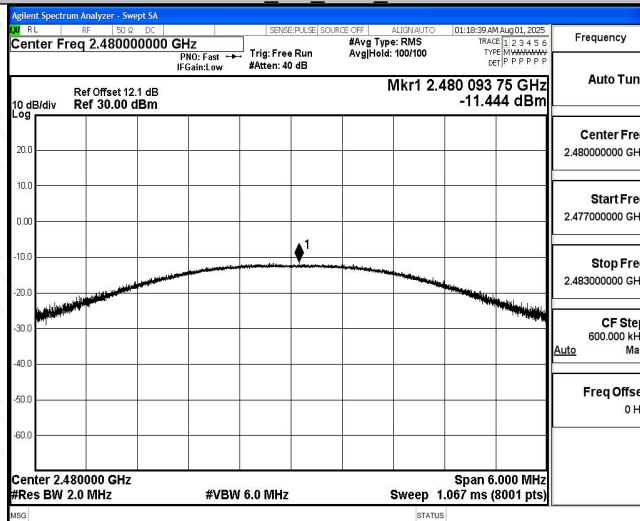
BLE 2M Ant1 2402



BLE 2M_Ant1_2440



BLE 2M_Ant1_2480





Appendix D: Maximum power spectral density

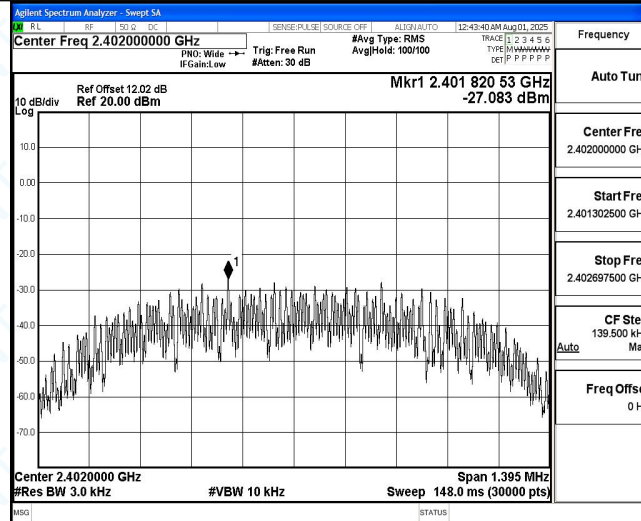
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-27.08	≤8.00	PASS
		2440	-28.24	≤8.00	PASS
		2480	-28.96	≤8.00	PASS
BLE_2M	Ant1	2402	-22.92	≤8.00	PASS
		2440	-25.58	≤8.00	PASS
		2480	-25.76	≤8.00	PASS

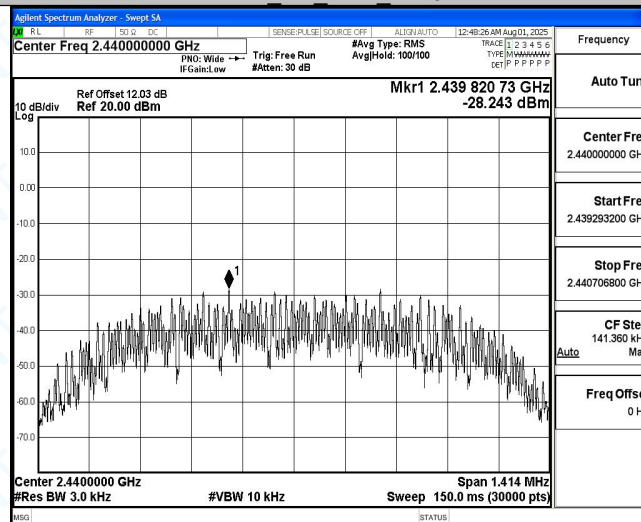


Test Graphs

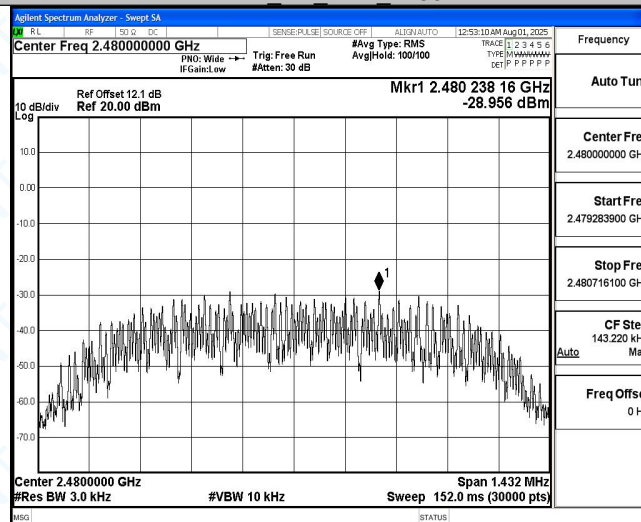
BLE 1M Ant1 2402



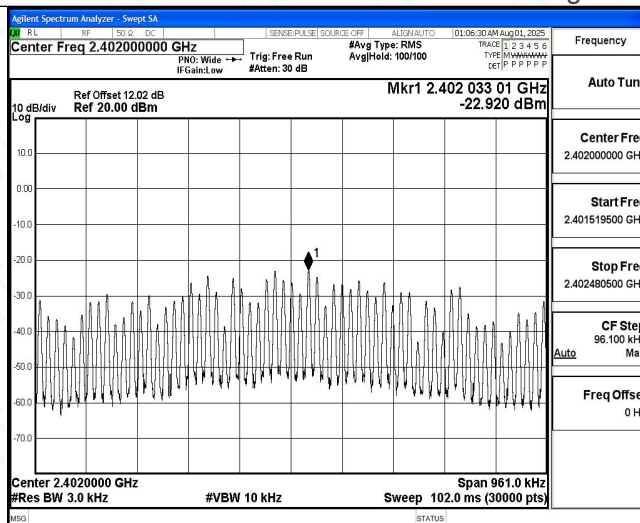
BLE 1M Ant1 2440



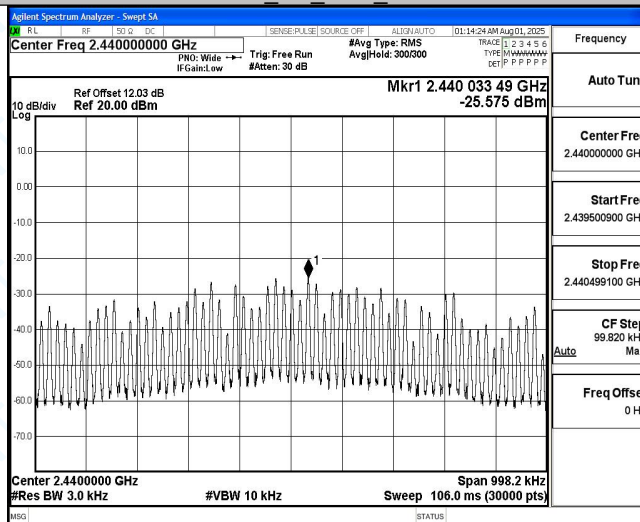
BLE 1M Ant1 2480



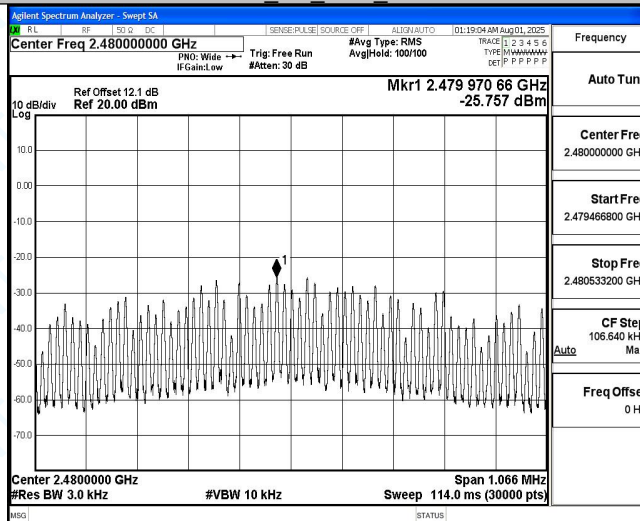
BLE 2M Ant1 2402



BLE 2M_Ant1_2440



BLE 2M_Ant1_2480





Appendix E: Band edge measurements

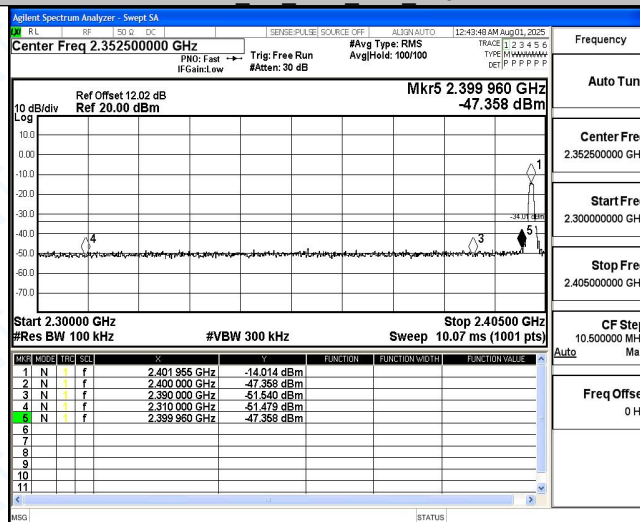
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-14.01	-47.36	≤-34.01	PASS
		High	2480	-15.63	-47.22	≤-35.63	PASS
BLE_2M	Ant1	Low	2402	-13.27	-46.13	≤-33.27	PASS
		High	2480	-15.39	-47.22	≤-35.39	PASS

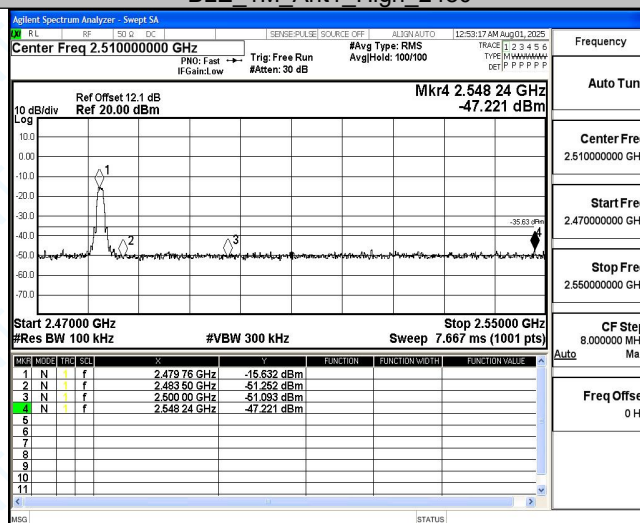


Test Graphs

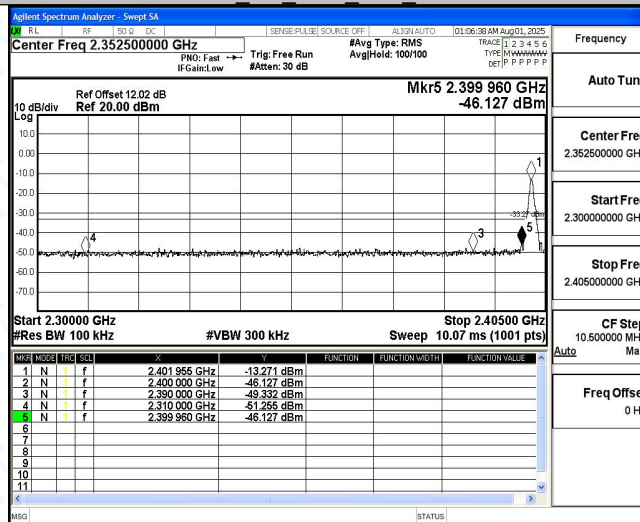
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480

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