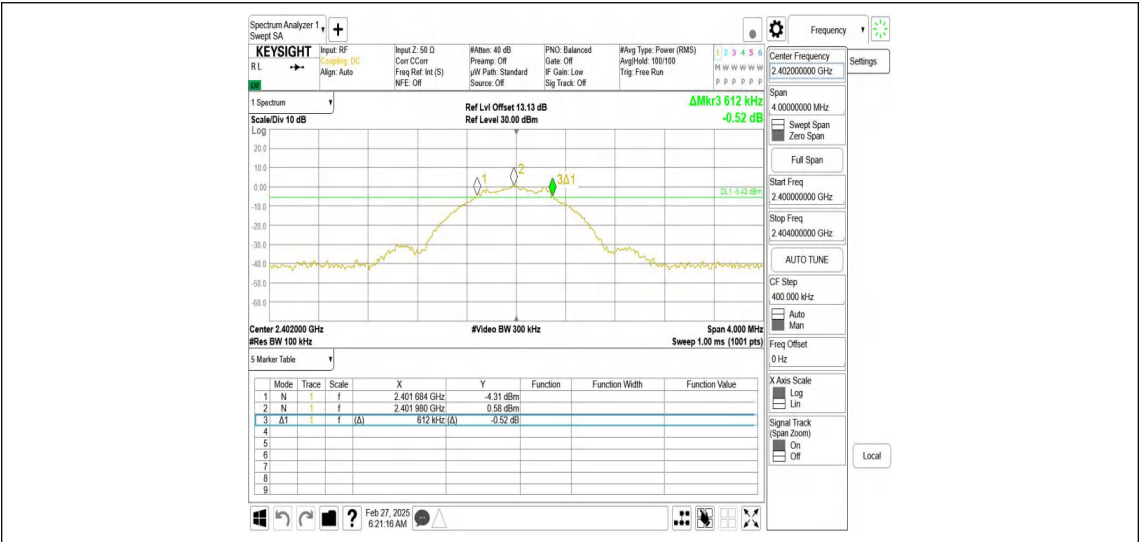


Appendix A: DTS Bandwidth

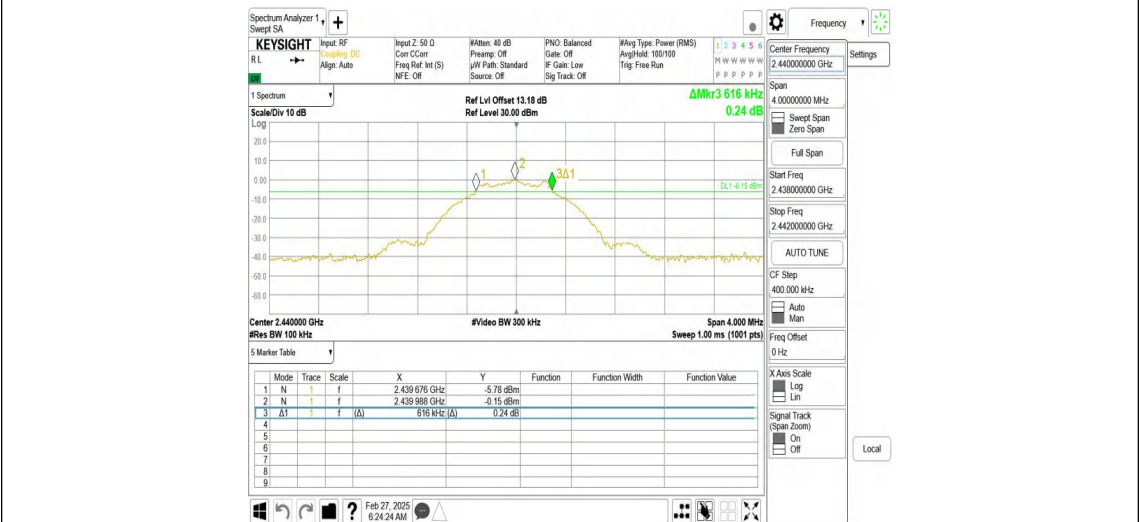
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.612	2401.684	2402.296	0.5	PASS
		2440	0.616	2439.676	2440.292	0.5	PASS
		2480	0.628	2479.672	2480.300	0.5	PASS
BLE_2M	Ant1	2402	1.120	2401.440	2402.560	0.5	PASS
		2440	1.080	2439.452	2440.532	0.5	PASS
		2480	1.244	2479.328	2480.572	0.5	PASS

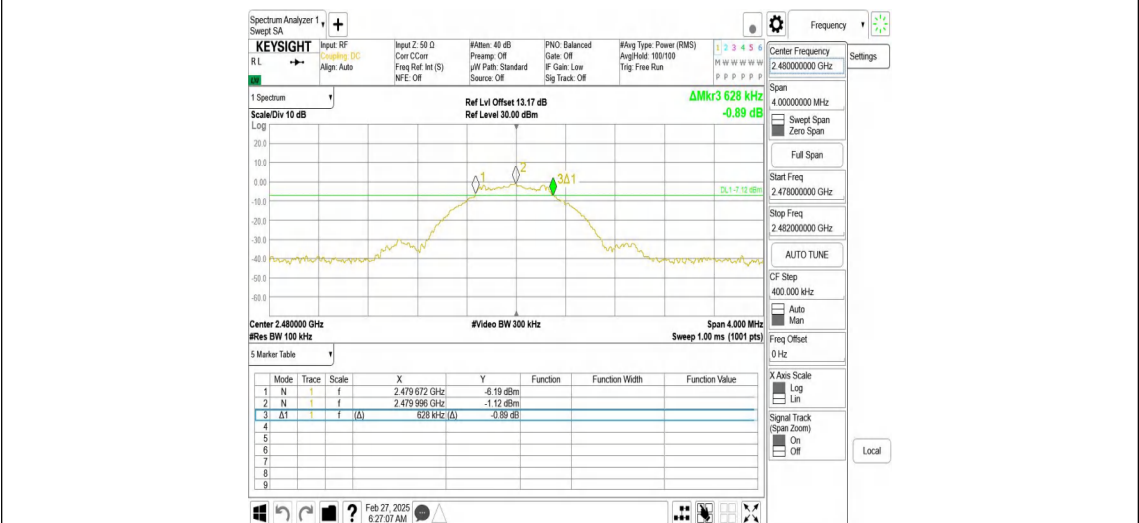
Test Graphs



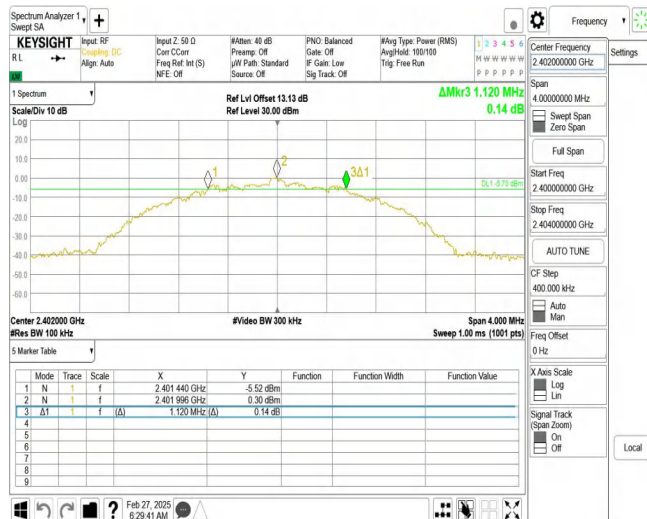
BLE_1M_Ant1_2402



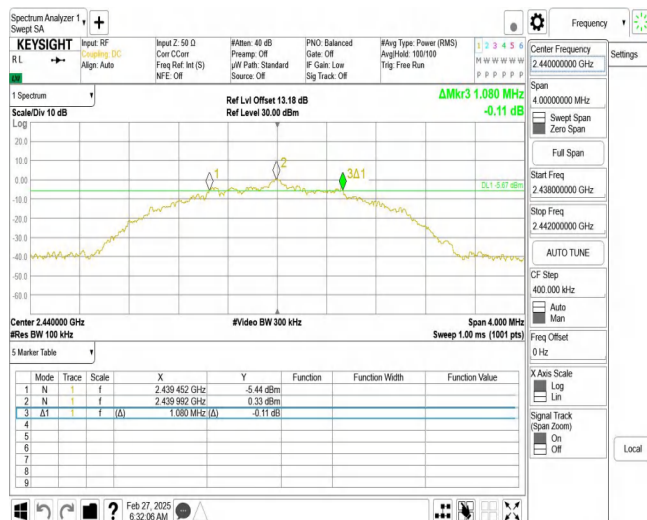
BLE_1M_Ant1_2440



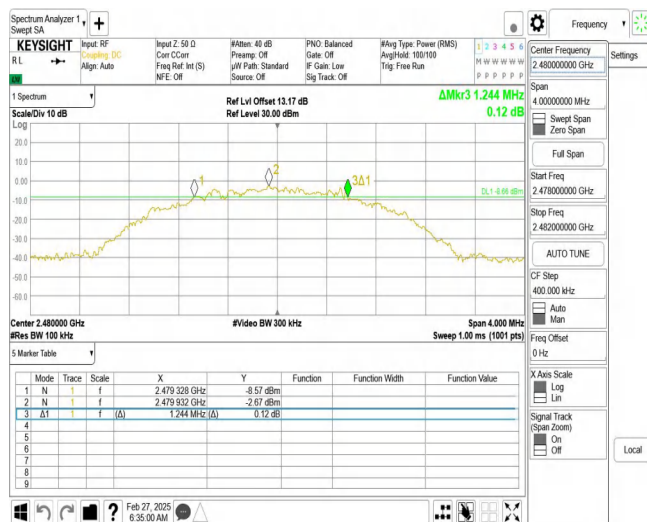
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0240	---	---
		2440	1.0348	---	---
		2480	1.0320	---	---
BLE_2M	Ant1	2402	2.0268	---	---
		2440	2.0200	---	---
		2480	2.0429	---	---

Test Graphs



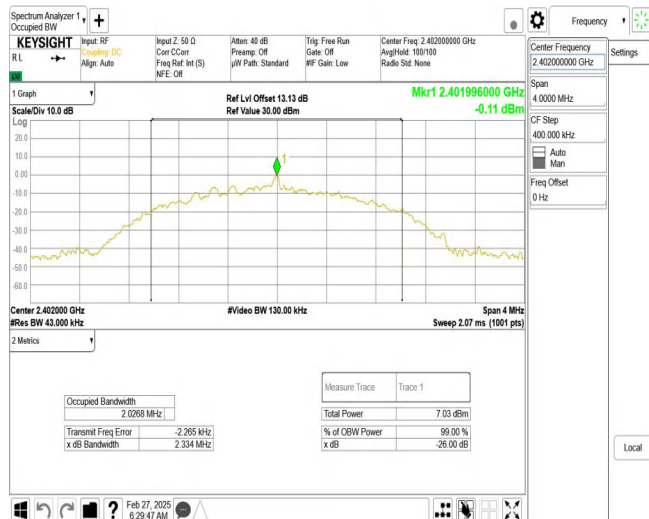
BLE_1M_Ant1_2402



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 Peak

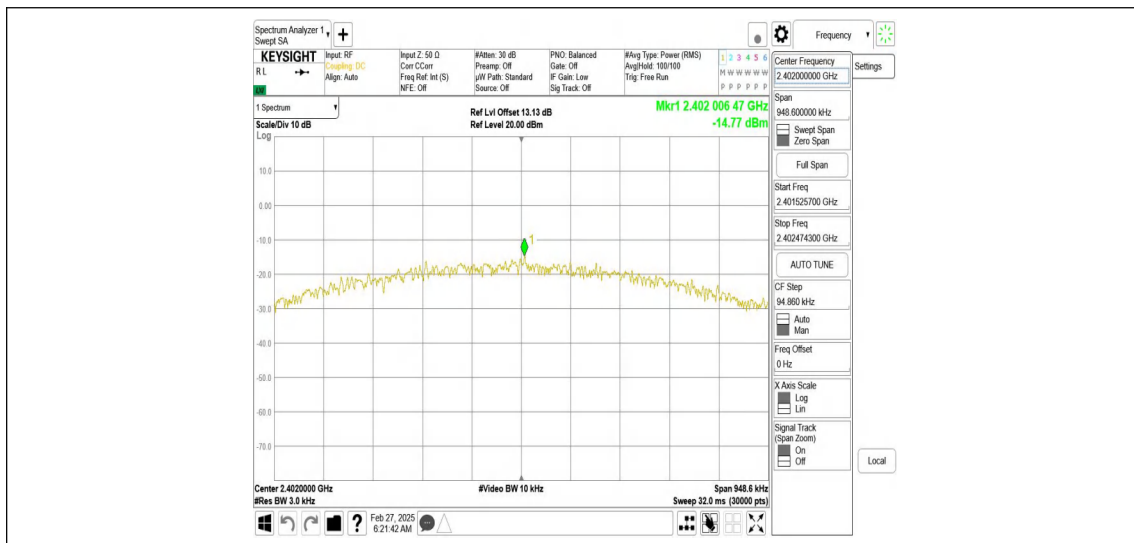
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.21	≤30	PASS
		2440	0.51	≤30	PASS
		2480	-0.03	≤30	PASS
BLE_2M	Ant1	2402	1.22	≤30	PASS
		2440	0.59	≤30	PASS
		2480	-0.02	≤30	PASS

Appendix D: Maximum power spectral density

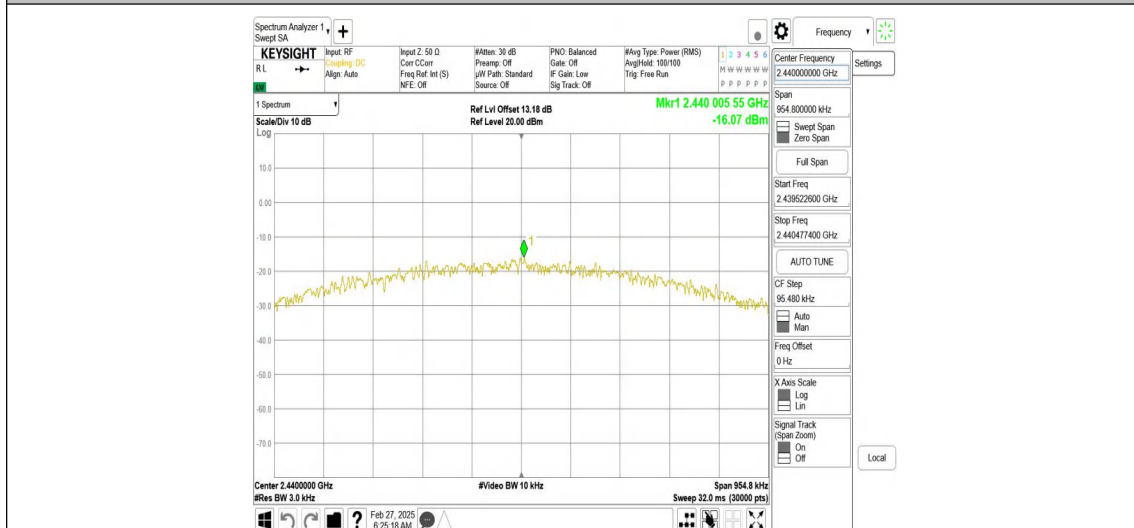
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.77	≤8.00	PASS
		2440	-16.07	≤8.00	PASS
		2480	-16.01	≤8.00	PASS
BLE_2M	Ant1	2402	-16.45	≤8.00	PASS
		2440	-17.13	≤8.00	PASS
		2480	-17.72	≤8.00	PASS

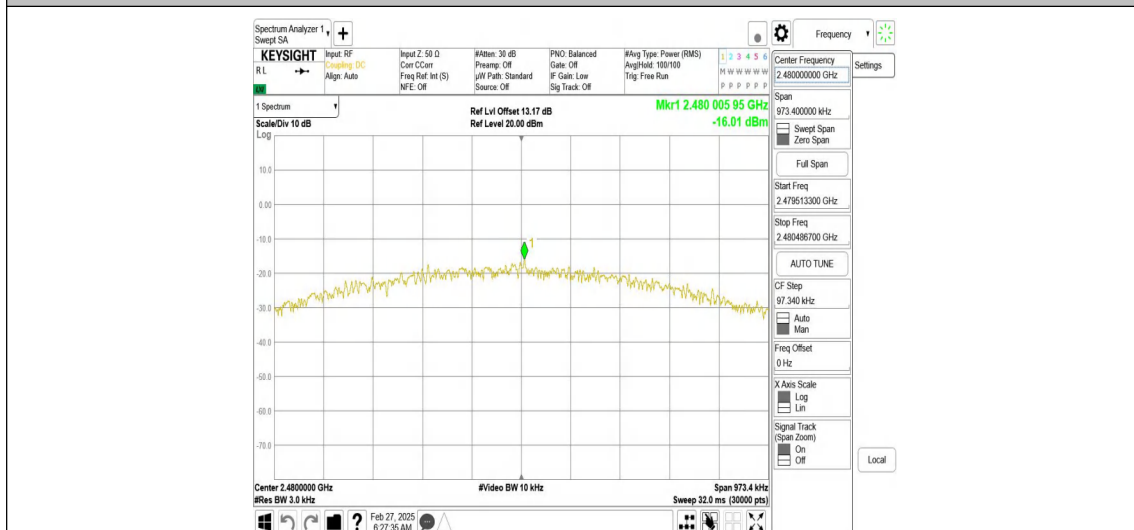
Test Graphs



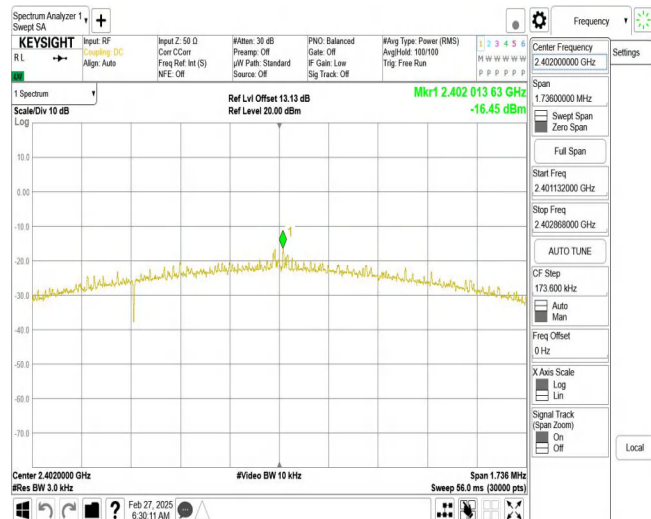
BLE_1M_Ant1_2402



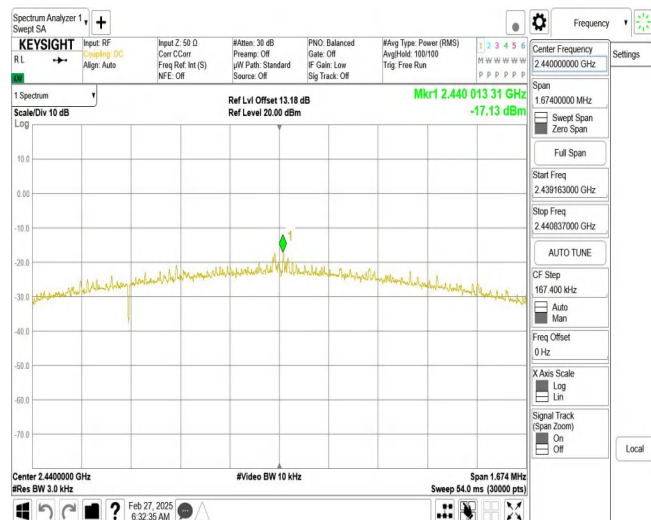
BLE_1M_Ant1_2440



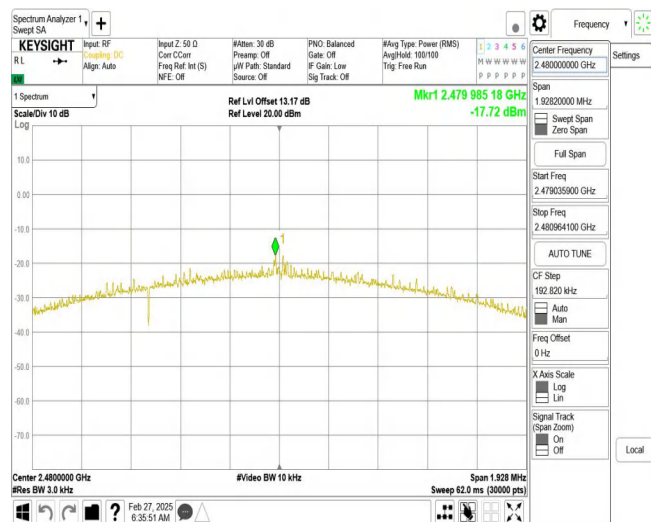
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



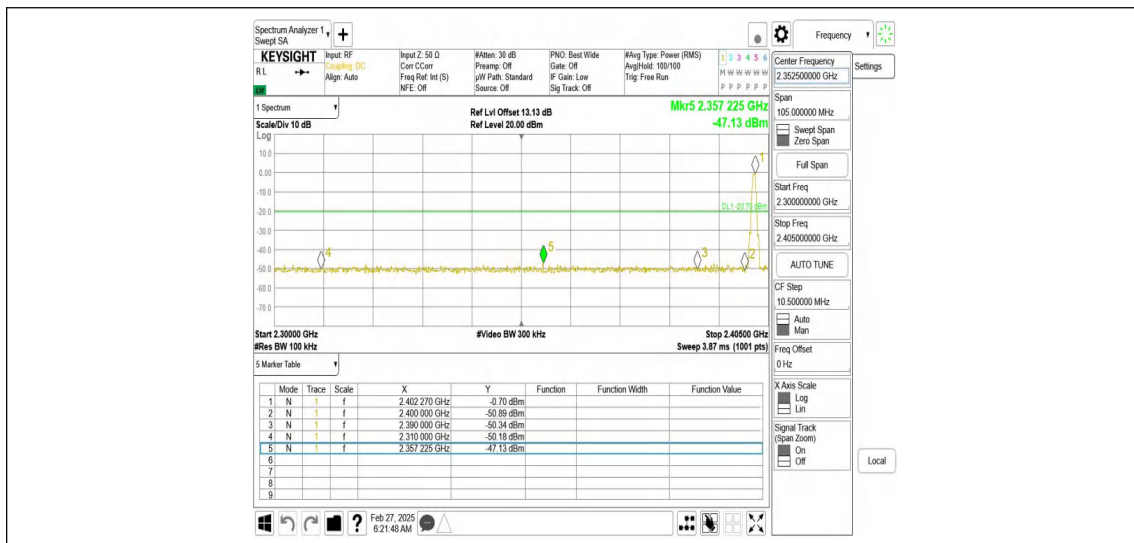
BLE_2M_Ant1_2480

Appendix E: Band edge measurements

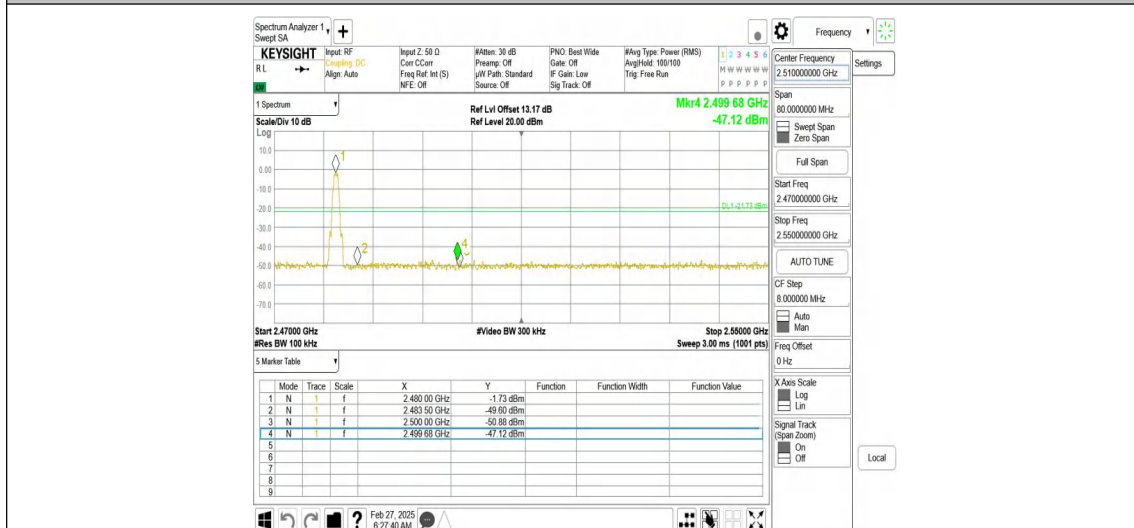
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.70	-47.13	≤-20.7	PASS
		High	2480	-1.73	-47.12	≤-21.73	PASS
BLE_2M	Ant1	Low	2402	-1.67	-46.7	≤-21.67	PASS
		High	2480	-3.59	-47.07	≤-23.59	PASS

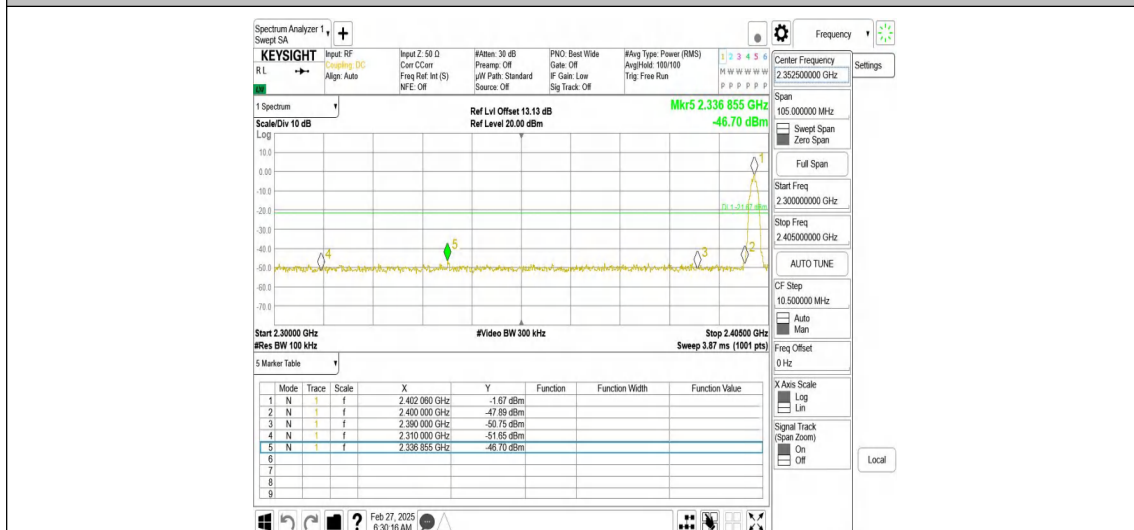
Test Graphs



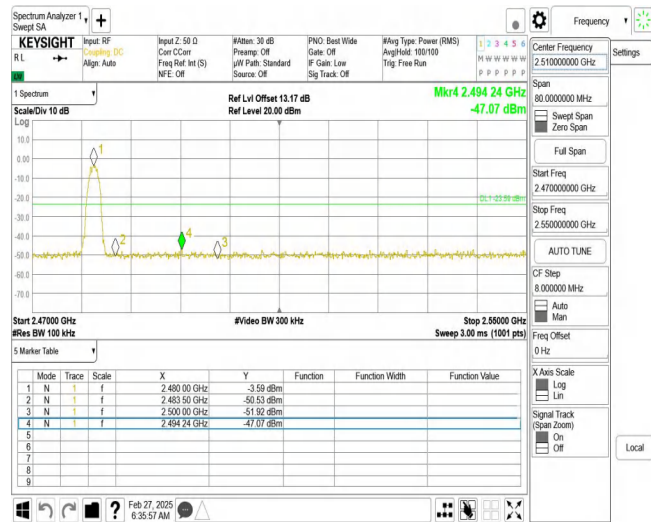
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



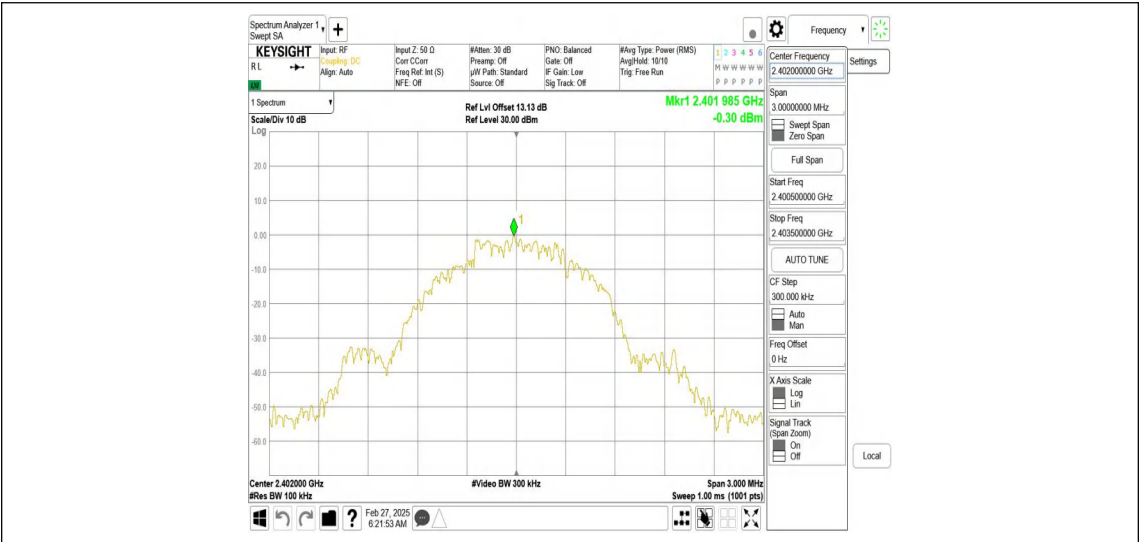
BLE_2M_Ant1_High_2480

Appendix F: Conducted Spurious Emission

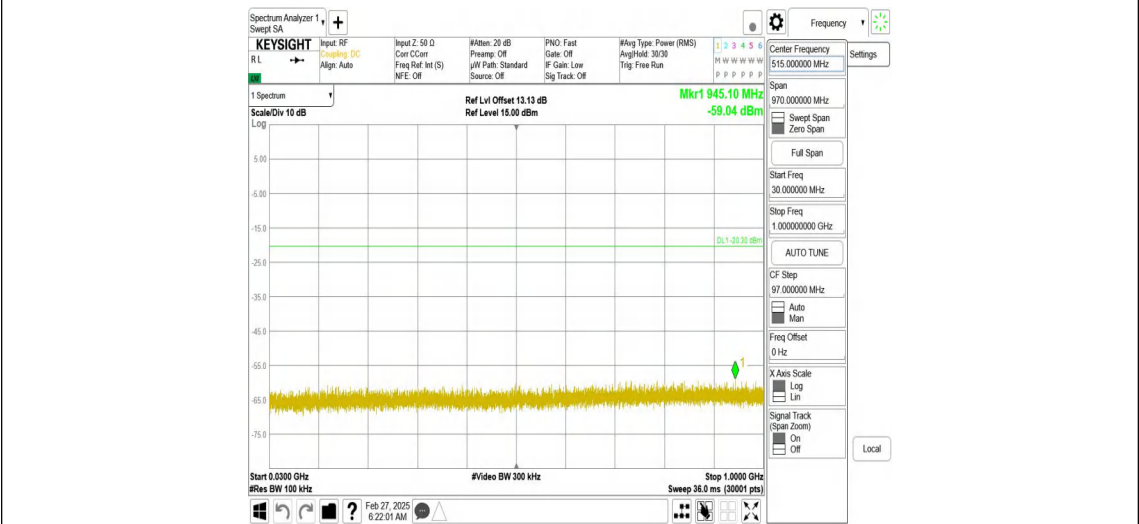
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.30	-0.30	---	PASS
			30~1000	-0.30	-59.04	≤-20.3	PASS
			1000~26500	-0.30	-47.15	≤-20.3	PASS
		2440	Reference	-1.16	-1.16	---	PASS
			30~1000	-1.16	-59.23	≤-21.16	PASS
			1000~26500	-1.16	-45.76	≤-21.16	PASS
		2480	Reference	-1.47	-1.47	---	PASS
			30~1000	-1.47	-58.43	≤-21.47	PASS
			1000~26500	-1.47	-45.93	≤-21.47	PASS
BLE_2M	Ant1	2402	Reference	-3.02	-3.02	---	PASS
			30~1000	-3.02	-58.68	≤-23.02	PASS
			1000~26500	-3.02	-46.68	≤-23.02	PASS
		2440	Reference	-3.08	-3.08	---	PASS
			30~1000	-3.08	-58.16	≤-23.08	PASS
			1000~26500	-3.08	-46.84	≤-23.08	PASS
		2480	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-58.81	≤-20.23	PASS
			1000~26500	-0.23	-46.27	≤-20.23	PASS

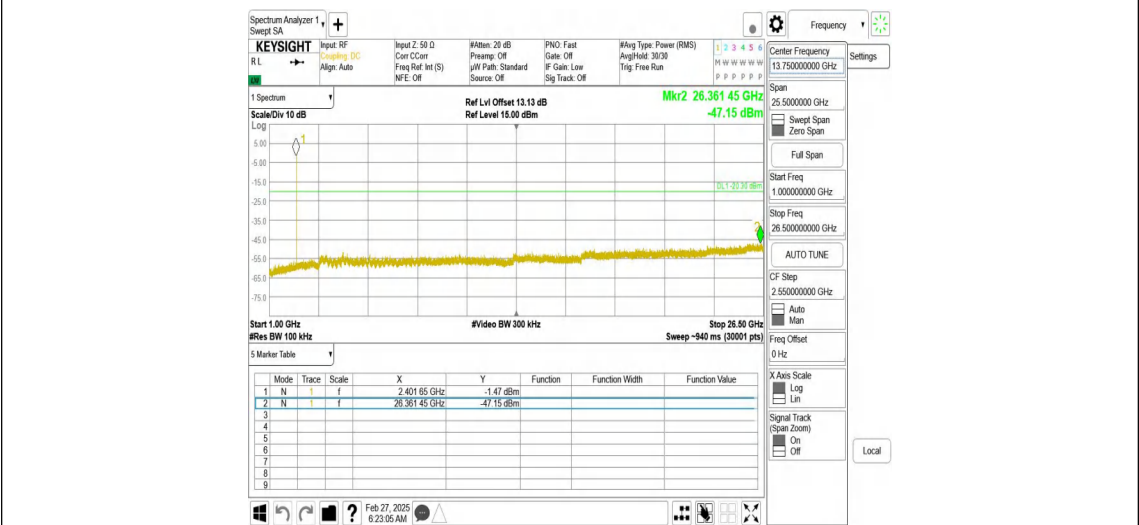
Test Graphs



BLE_1M_Ant1_2402_0~Reference



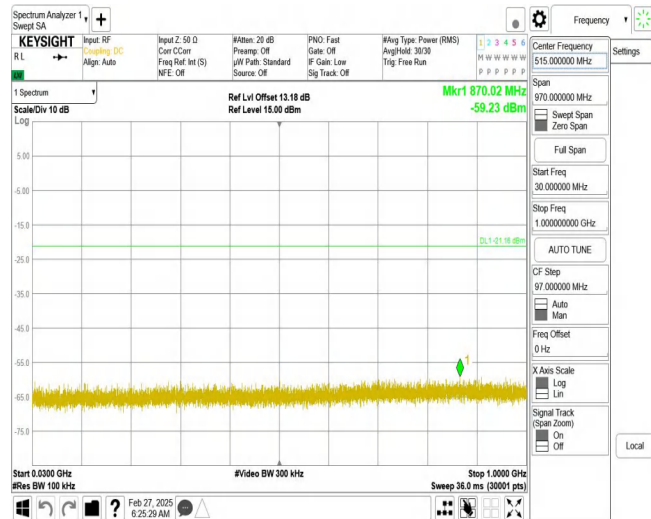
BLE_1M_Ant1_2402_30~1000



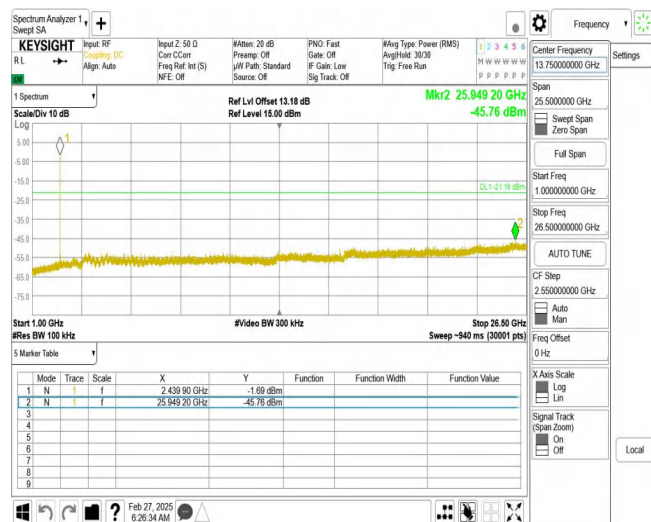
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



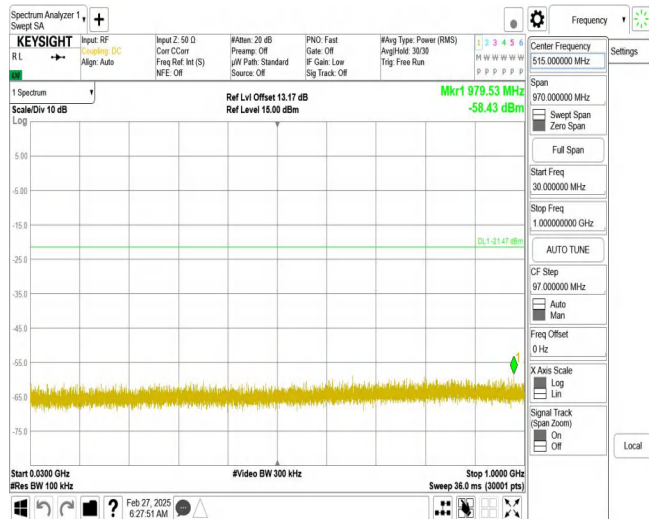
BLE_1M_Ant1_2440_30~1000



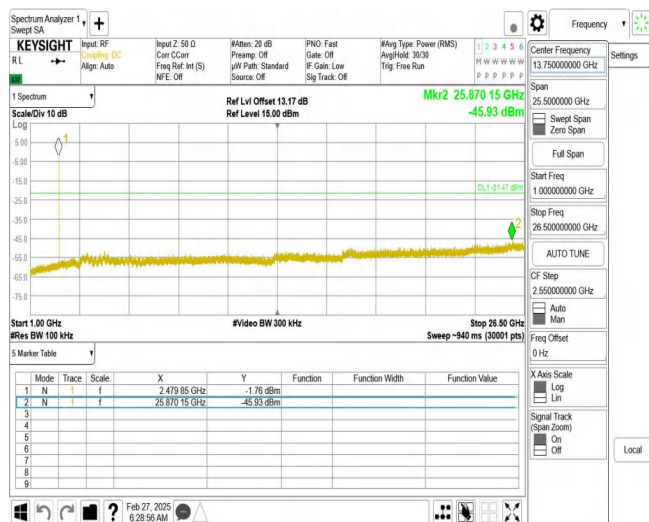
BLE_1M_Ant1_2440_1000~26500



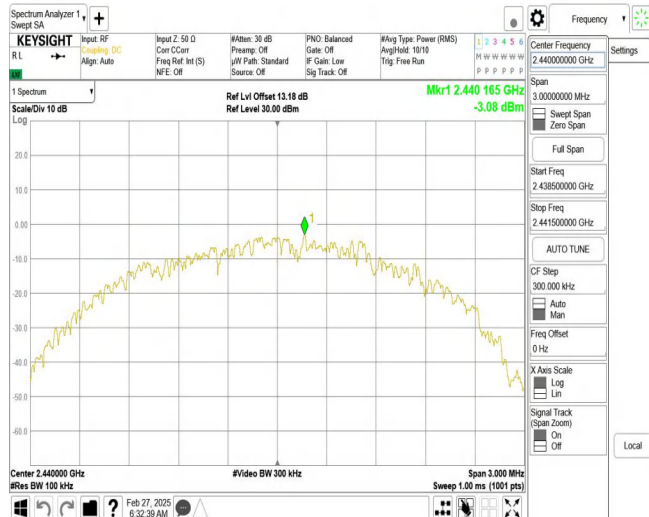
BLE_1M_Ant1_2480_0~Reference



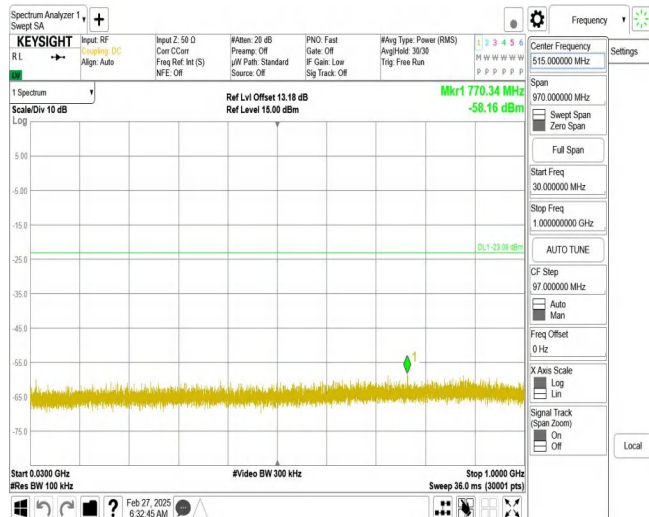
BLE_1M_Ant1_2480_30~1000



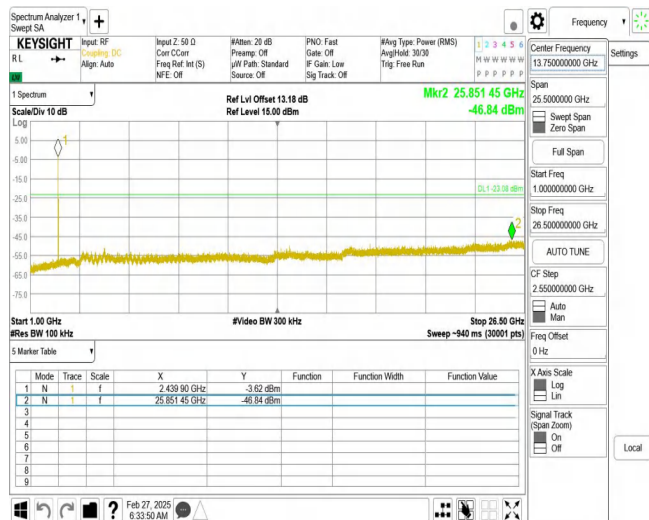
BLE_1M_Ant1_2480_1000~26500



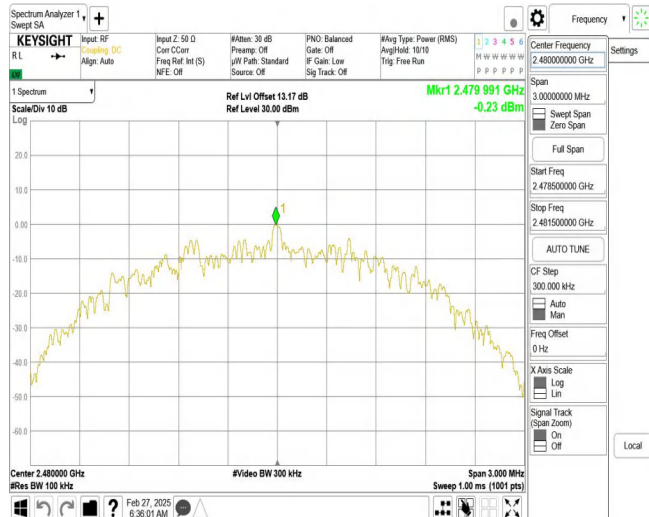
BLE_2M_Ant1_2440_0~Reference



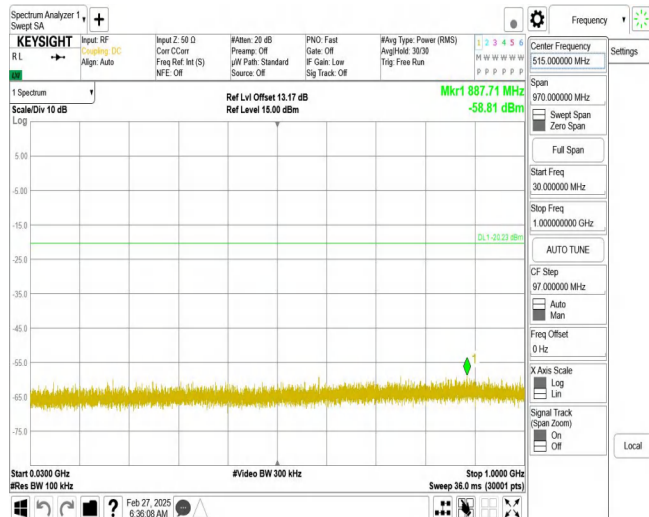
BLE_2M_Ant1_2440_30~1000



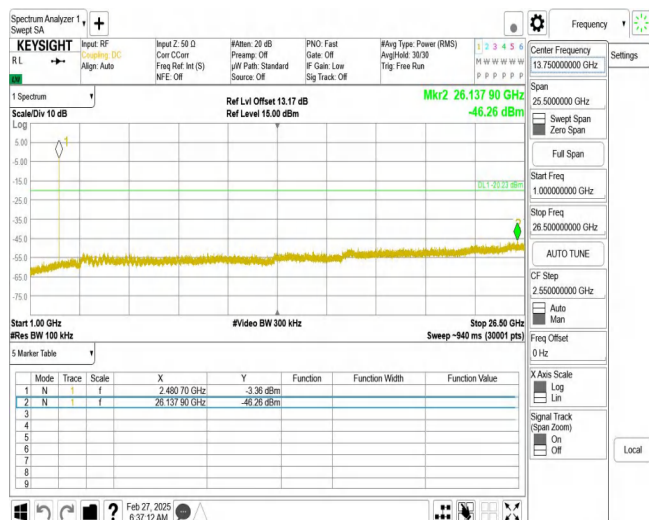
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



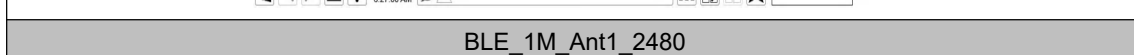
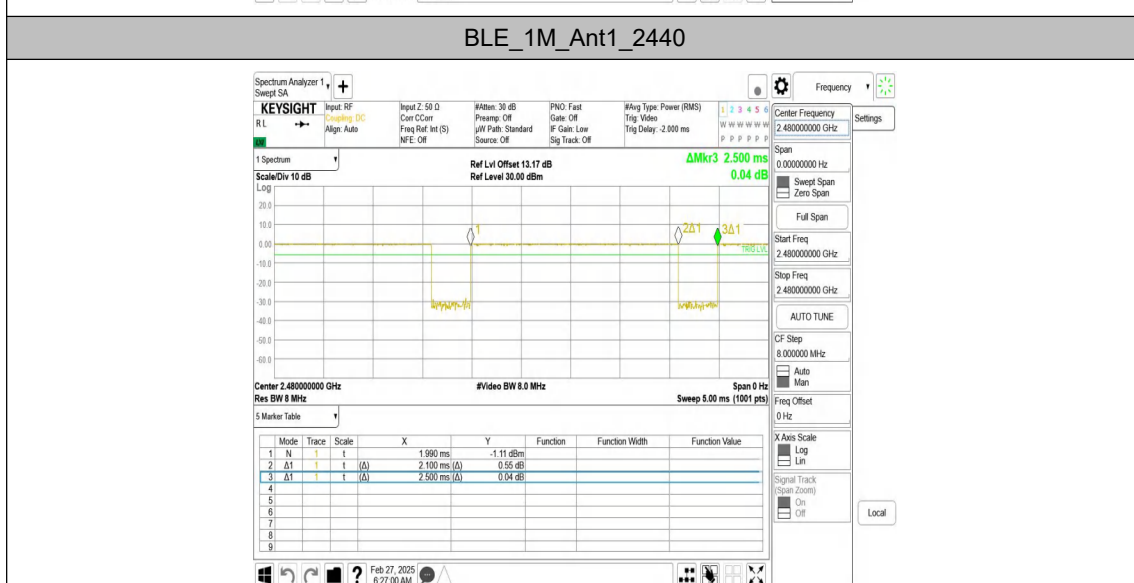
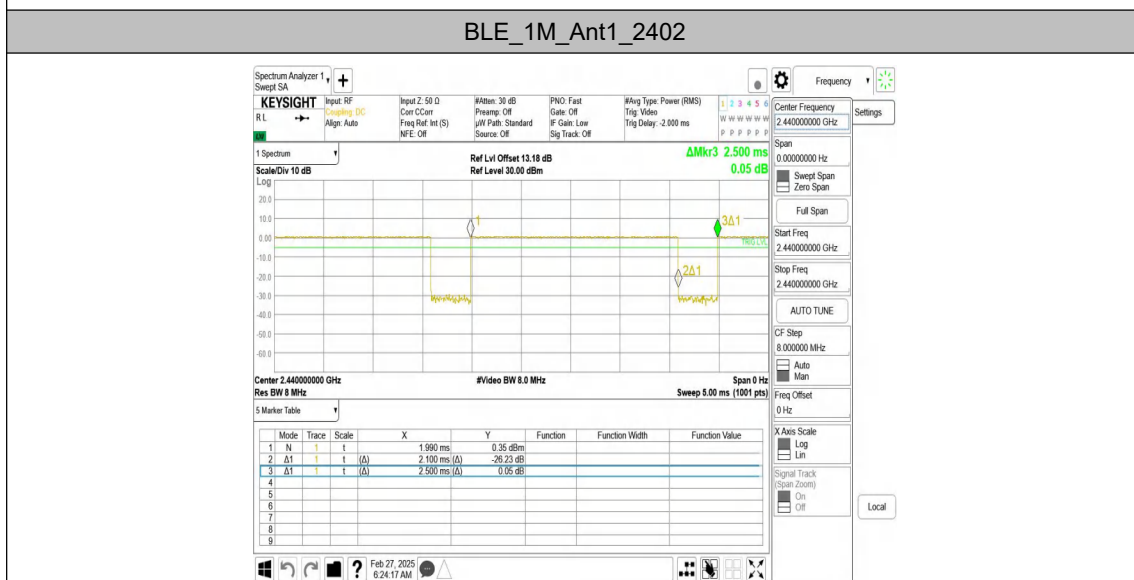
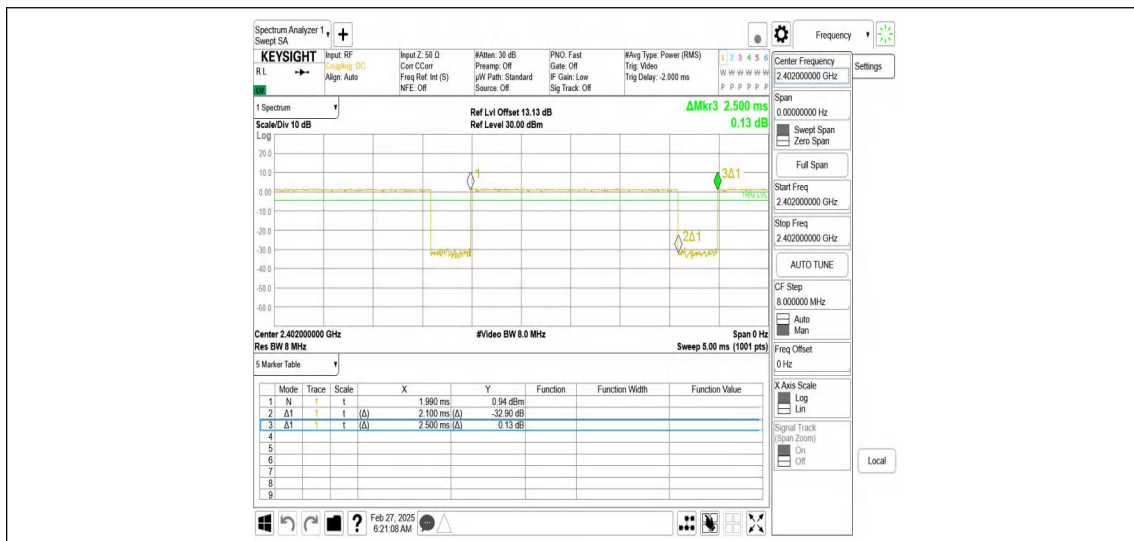
BLE_2M_Ant1_2480_1000~26500

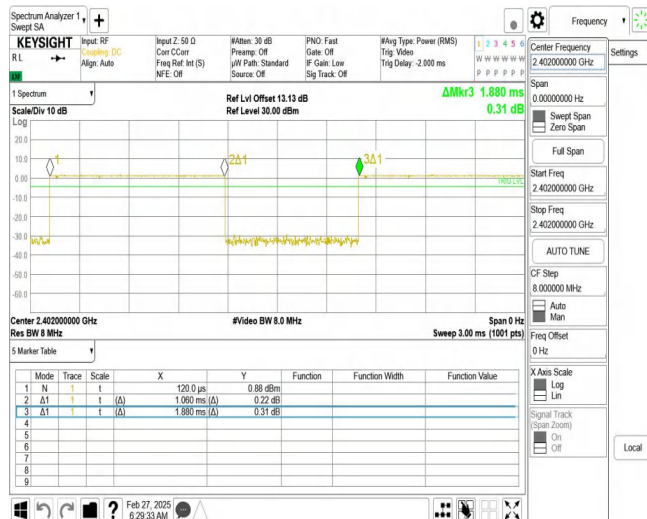
Appendix G: Duty Cycle

Test Result

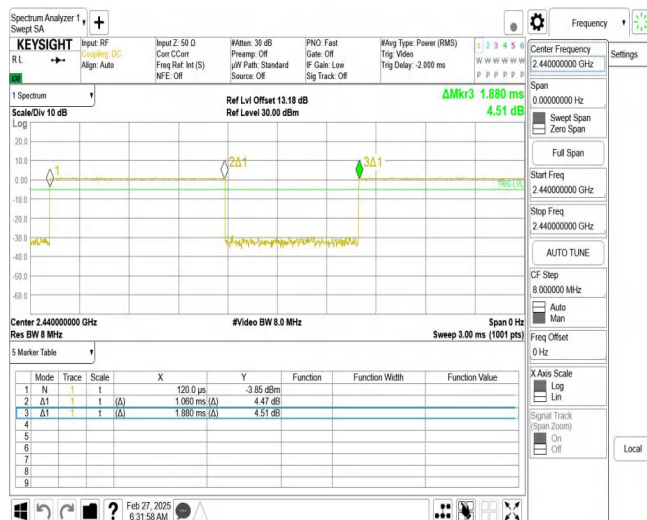
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.10	2.50	0.8400	84.00	0.76	---	---
		2440	2.10	2.50	0.8400	84.00	0.76	---	---
		2480	2.10	2.50	0.8400	84.00	0.76	---	---
BLE_2M	Ant1	2402	1.06	1.88	0.5638	56.38	2.49	---	---
		2440	1.06	1.88	0.5638	56.38	2.49	---	---
		2480	1.06	1.88	0.5638	56.38	2.49	---	---

Test Graphs

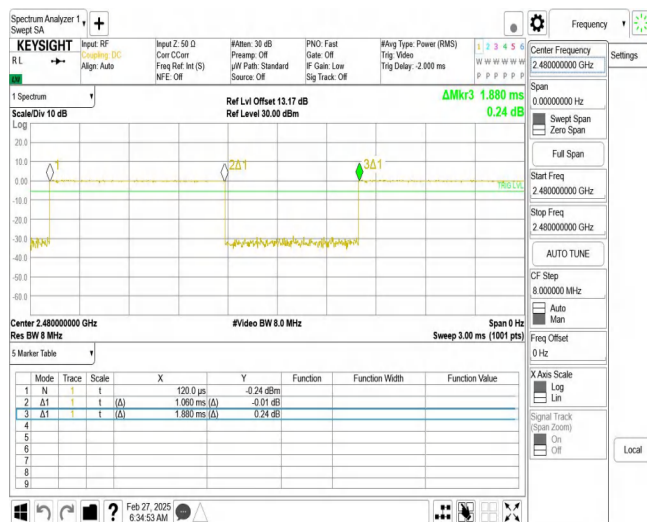




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480