

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.656	2402.348	0.5	PASS
		2440	0.684	2439.664	2440.348	0.5	PASS
		2480	0.696	2479.652	2480.348	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.448	2402.576	0.5	PASS
		2440	1.128	2439.448	2440.576	0.5	PASS
		2480	1.128	2479.448	2480.576	0.5	PASS
BLE_125K	Ant1	2402	0.696	2401.652	2402.348	0.5	PASS
		2440	0.704	2439.648	2440.352	0.5	PASS
		2480	0.704	2479.652	2480.356	0.5	PASS
BLE_500K	Ant1	2402	0.692	2401.656	2402.348	0.5	PASS
		2440	0.692	2439.648	2440.340	0.5	PASS
		2480	0.700	2479.656	2480.356	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440



BLE_500K_Ant1_2480



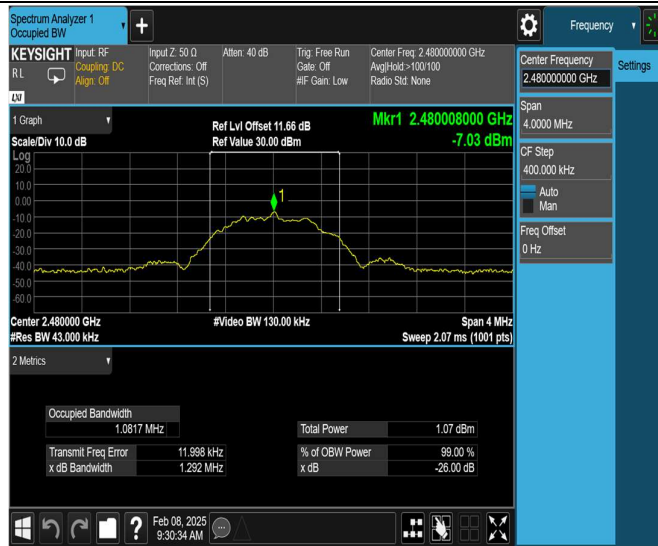
Appendix B: Occupied Channel Bandwidth

Test Result

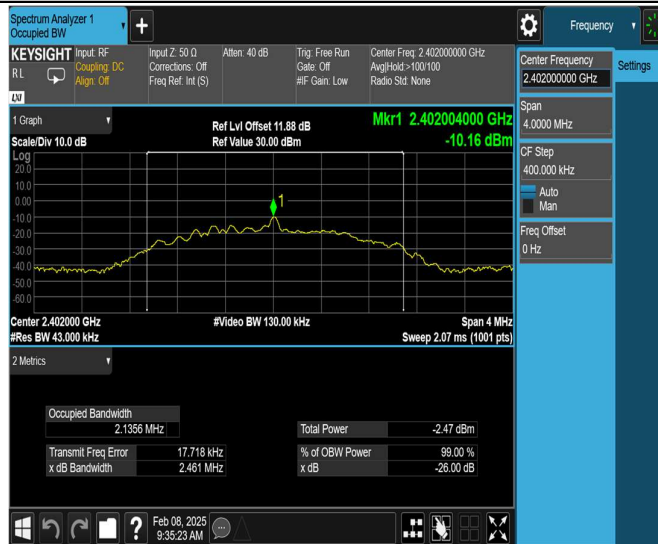
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1032	2401.4608	2402.5640	---	---
		2440	1.0958	2439.4643	2440.5601	---	---
		2480	1.0790	2479.4720	2480.5510	---	---
BLE_2M	Ant1	2402	2.1222	2400.9594	2403.0816	---	---
		2440	2.1106	2438.9634	2441.0740	---	---
		2480	2.1055	2478.9665	2481.0720	---	---
BLE_125K	Ant1	2402	1.0964	2401.4619	2402.5583	---	---
		2440	1.0779	2439.4704	2440.5483	---	---
		2480	1.0760	2479.4720	2480.5480	---	---
BLE_500K	Ant1	2402	1.0952	2401.4634	2402.5586	---	---
		2440	1.0816	2439.4706	2440.5522	---	---
		2480	1.0780	2479.4713	2480.5493	---	---

Test Graphs

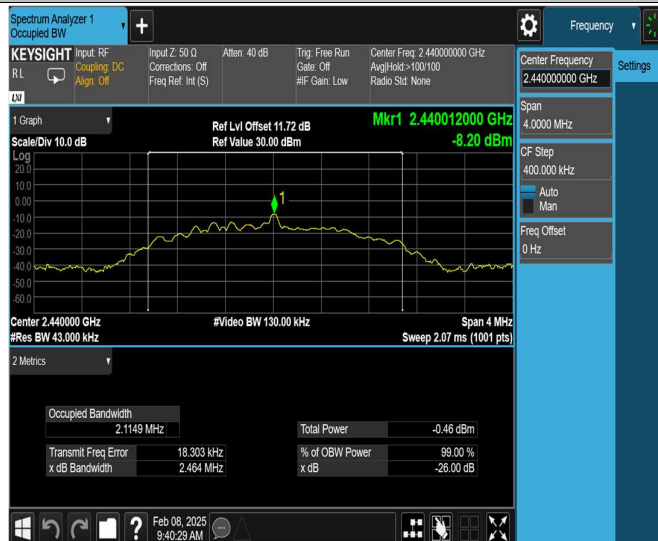




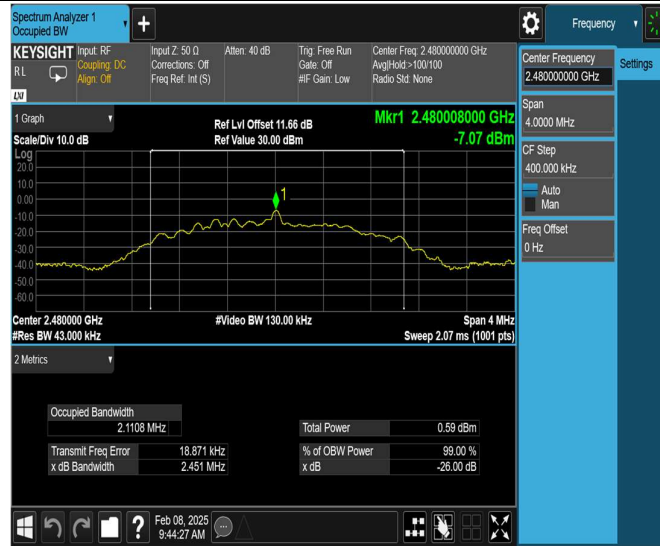
BLE_2M_Ant1_2402



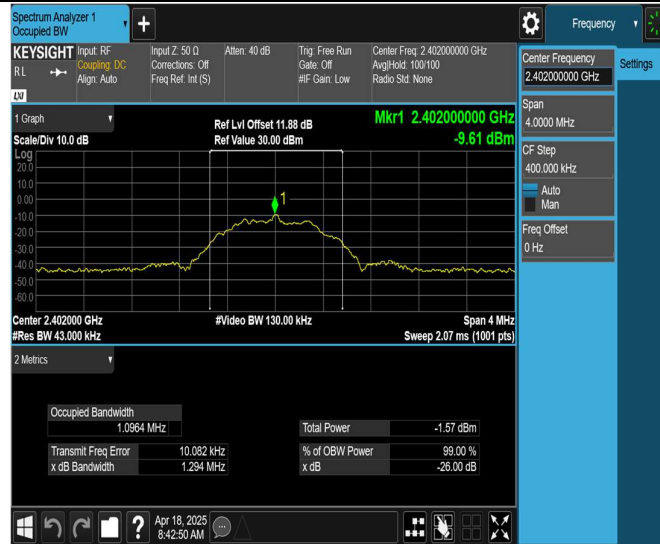
BLE_2M_Ant1_2440



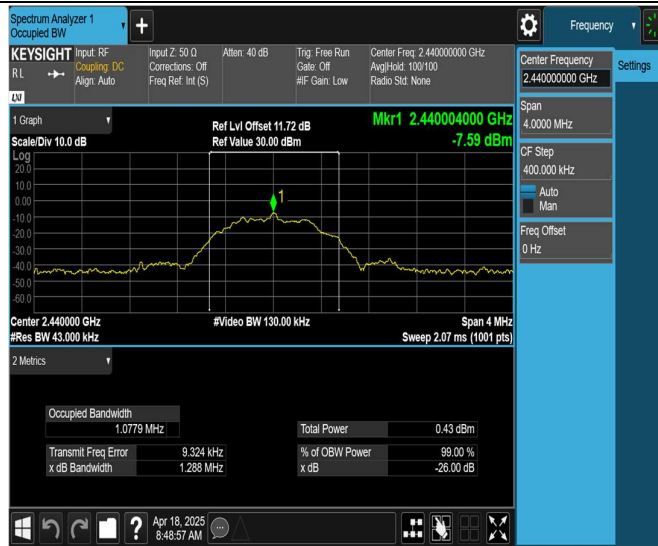
BLE_2M_Ant1_2480



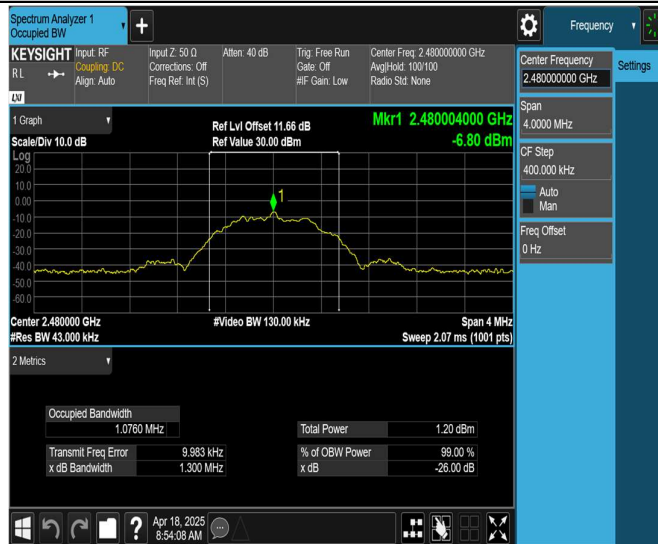
BLE_125K_Ant1_2402



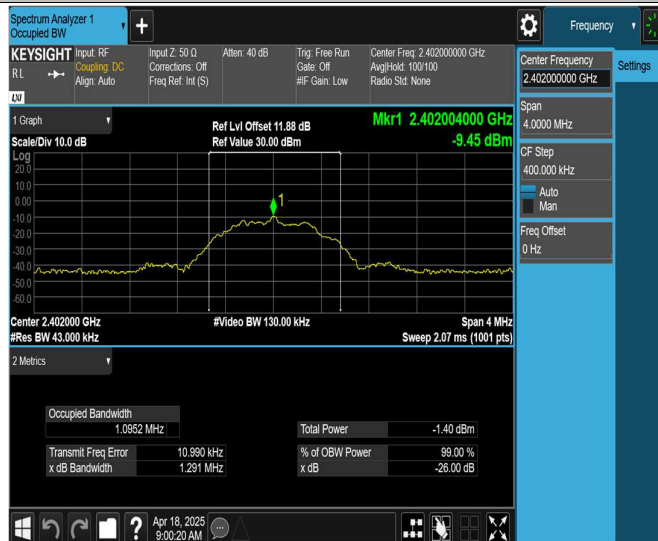
BLE_125K_Ant1_2440



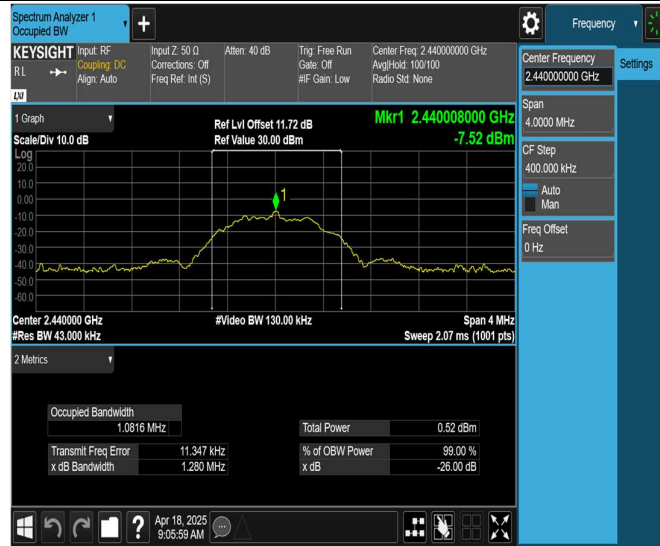
BLE_125K_Ant1_2480



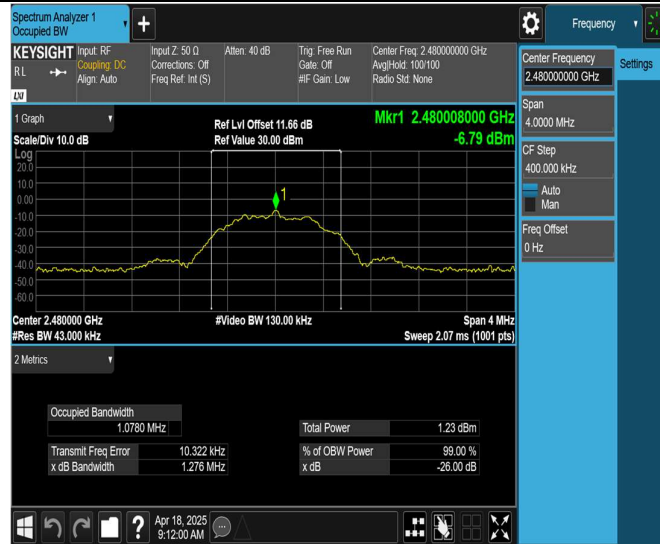
BLE_500K_Ant1_2402



BLE_500K_Ant1_2440



BLE_500K_Ant1_2480

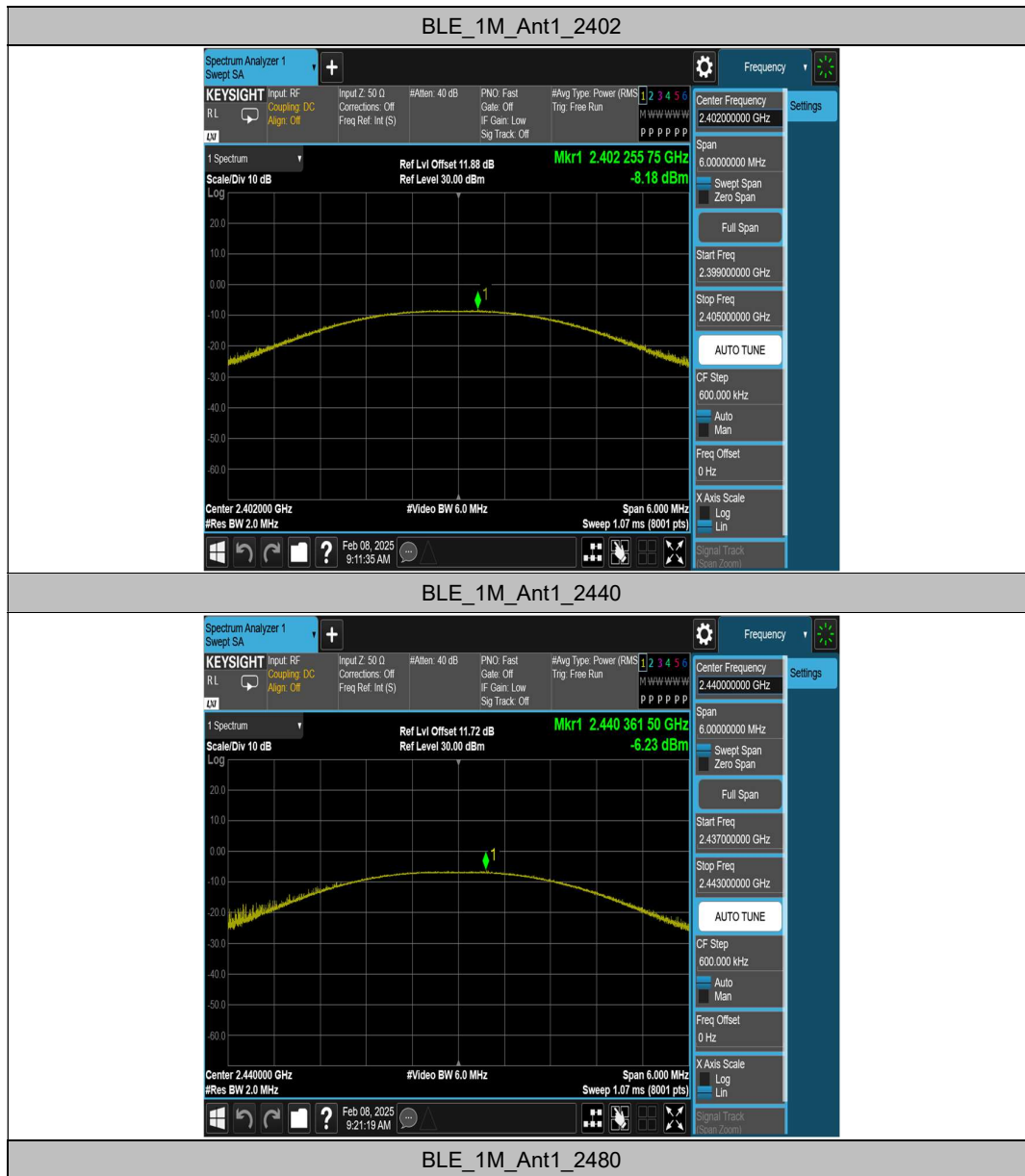


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-8.18	≤30	PASS
		2440	-6.23	≤30	PASS
		2480	-5.45	≤30	PASS
BLE_2M	Ant1	2402	-8.23	≤30	PASS
		2440	-5.93	≤30	PASS
		2480	-5.36	≤30	PASS
BLE_125K	Ant1	2402	-7.70	≤30	PASS
		2440	-6.01	≤30	PASS
		2480	-5.32	≤30	PASS
BLE_500K	Ant1	2402	-7.66	≤30	PASS
		2440	-5.11	≤30	PASS
		2480	-5.31	≤30	PASS

Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



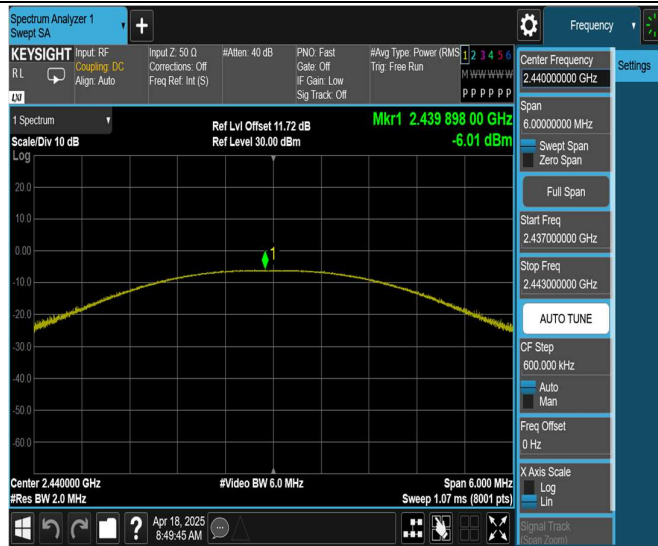
BLE_2M_Ant1_2480



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440



BLE_500K_Ant1_2480

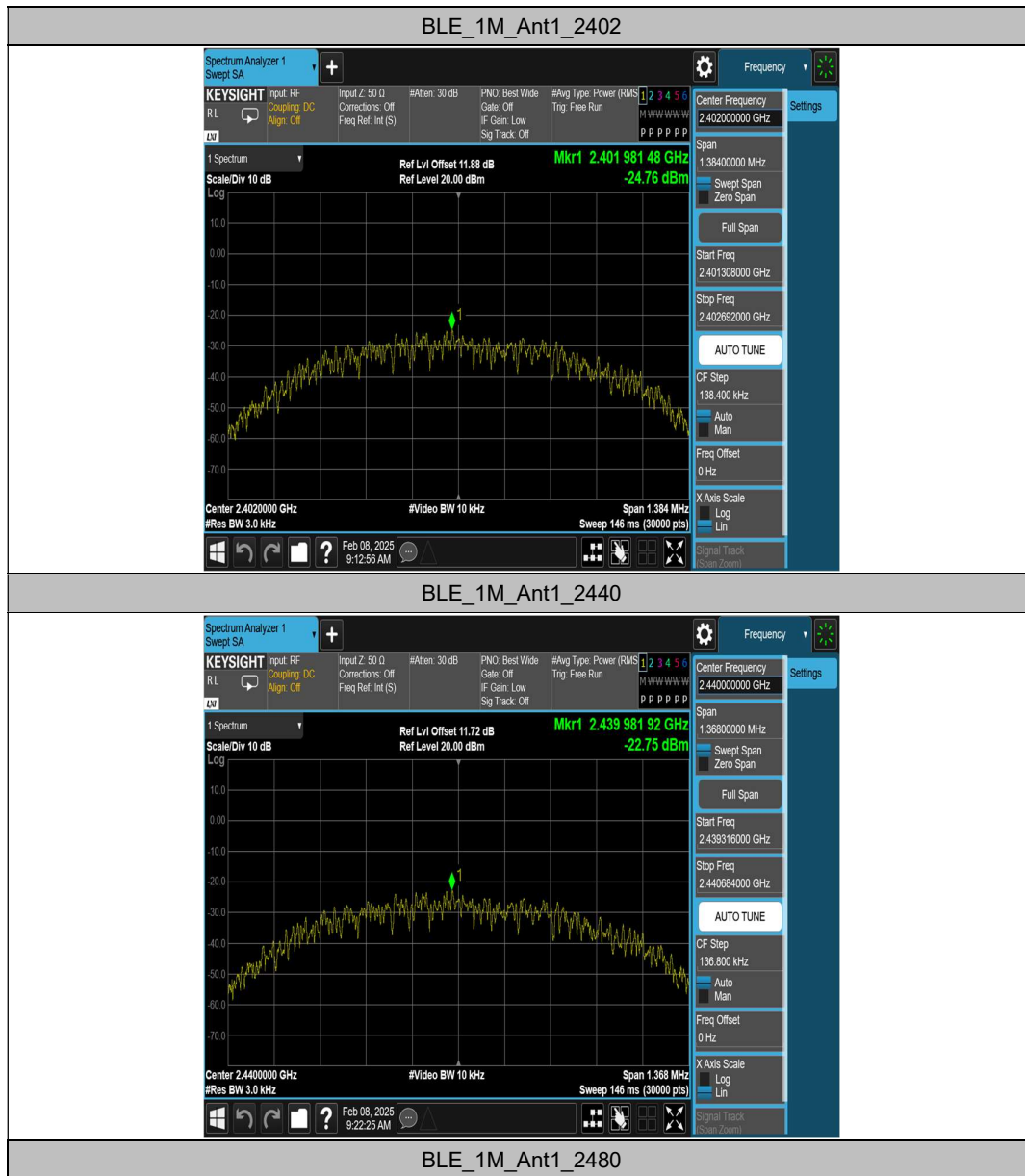


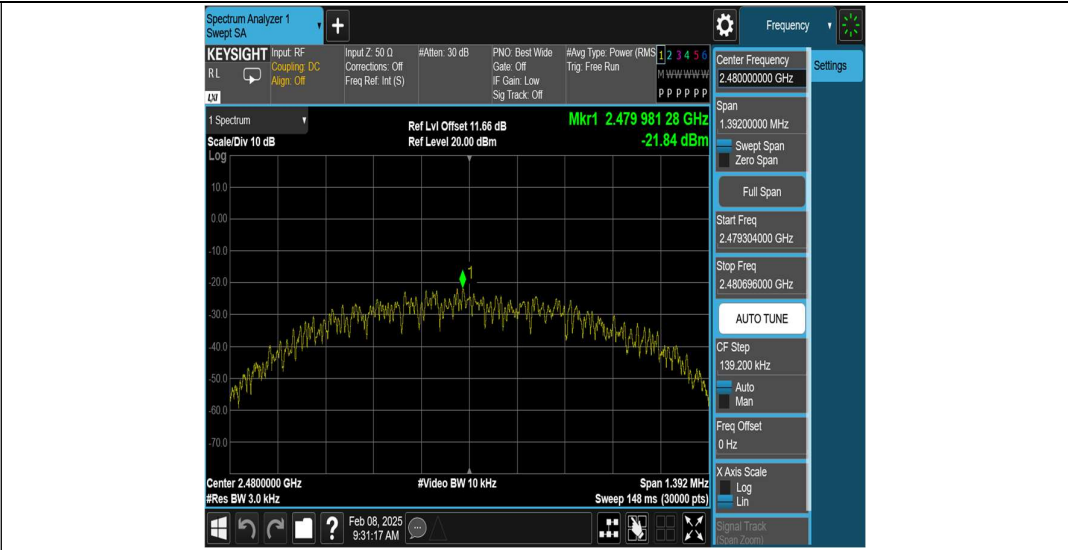
Appendix D: Maximum power spectral density

Test Result

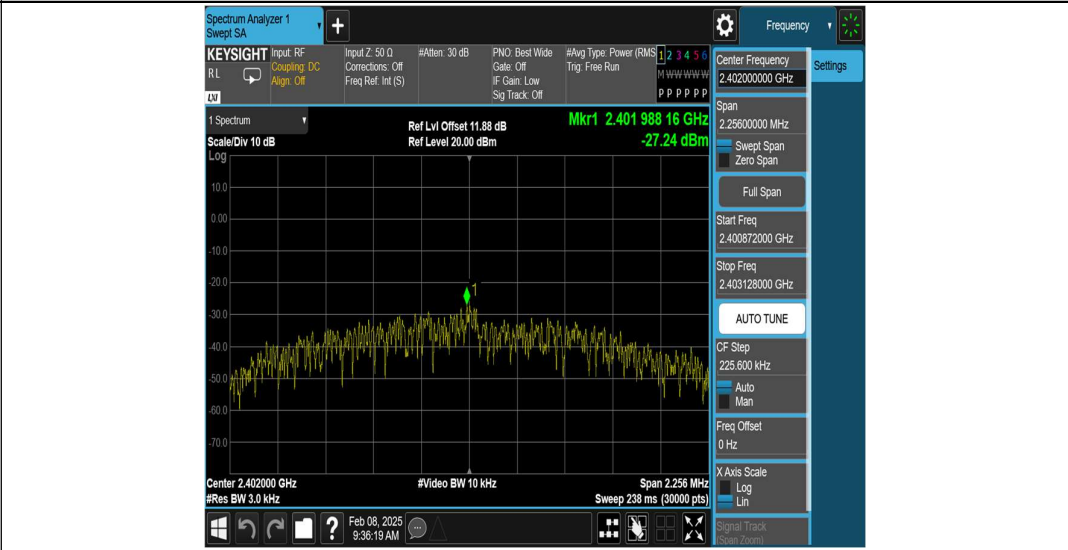
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-24.76	≤8.00	PASS
		2440	-22.75	≤8.00	PASS
		2480	-21.84	≤8.00	PASS
BLE_2M	Ant1	2402	-27.24	≤8.00	PASS
		2440	-25.09	≤8.00	PASS
		2480	-24.18	≤8.00	PASS
BLE_125K	Ant1	2402	-24.27	≤8.00	PASS
		2440	-22.17	≤8.00	PASS
		2480	-21.43	≤8.00	PASS
BLE_500K	Ant1	2402	-24.20	≤8.00	PASS
		2440	-22.12	≤8.00	PASS
		2480	-21.49	≤8.00	PASS

Test Graphs

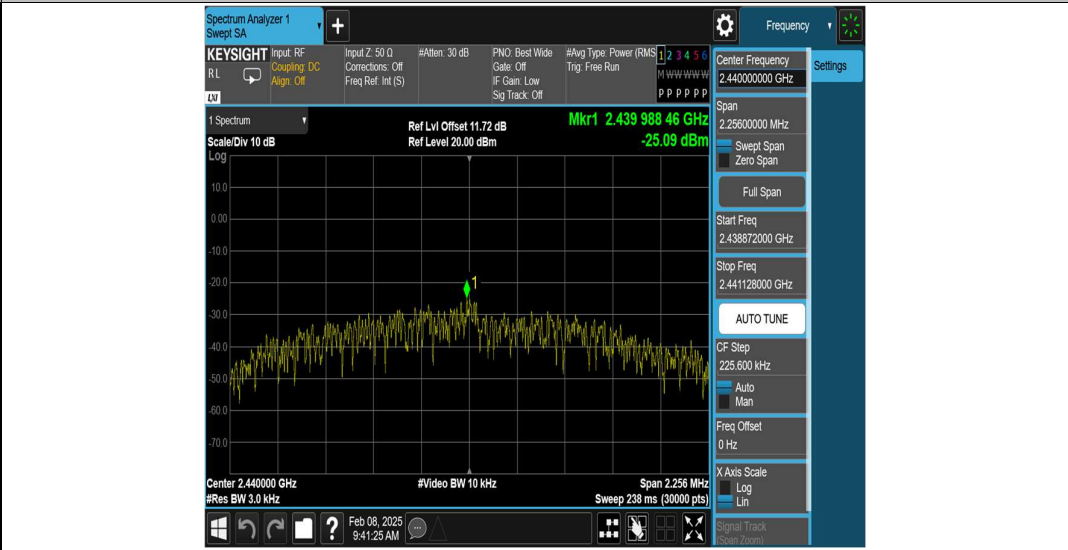




BLE_2M_Ant1_2402



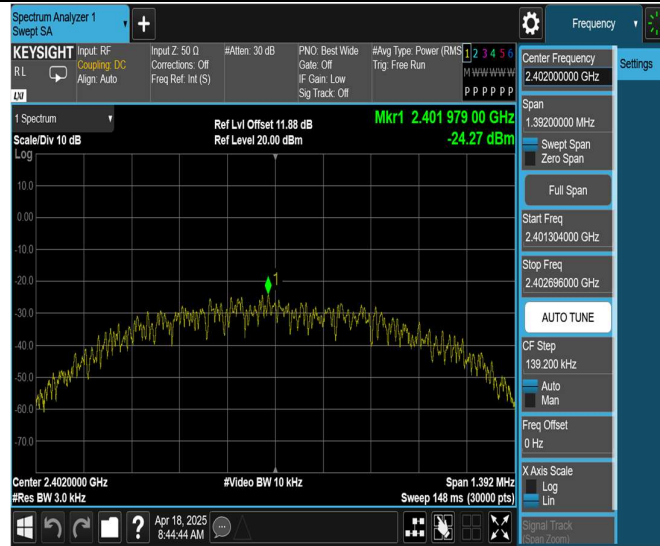
BLE_2M_Ant1_2440



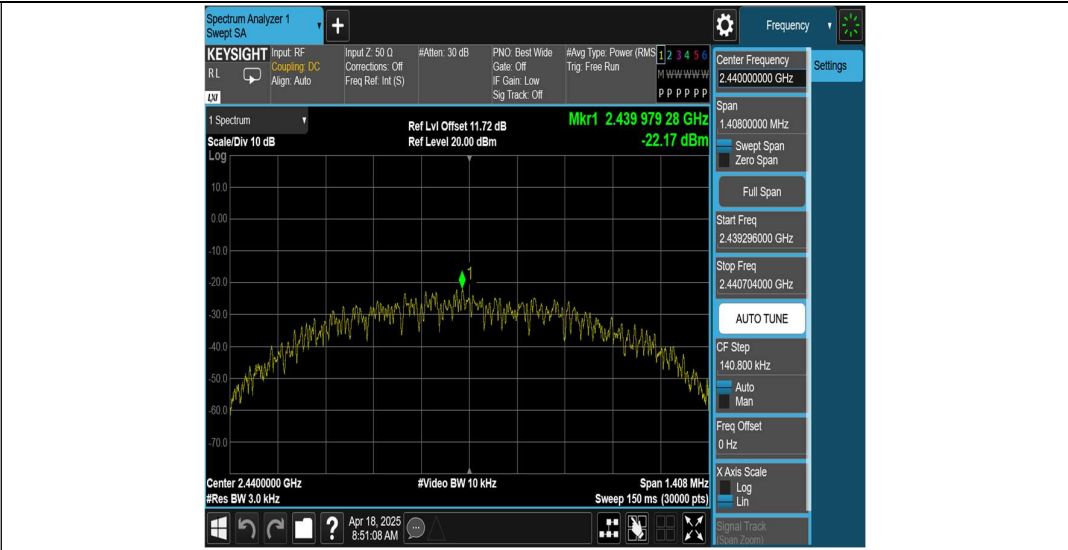
BLE_2M_Ant1_2480



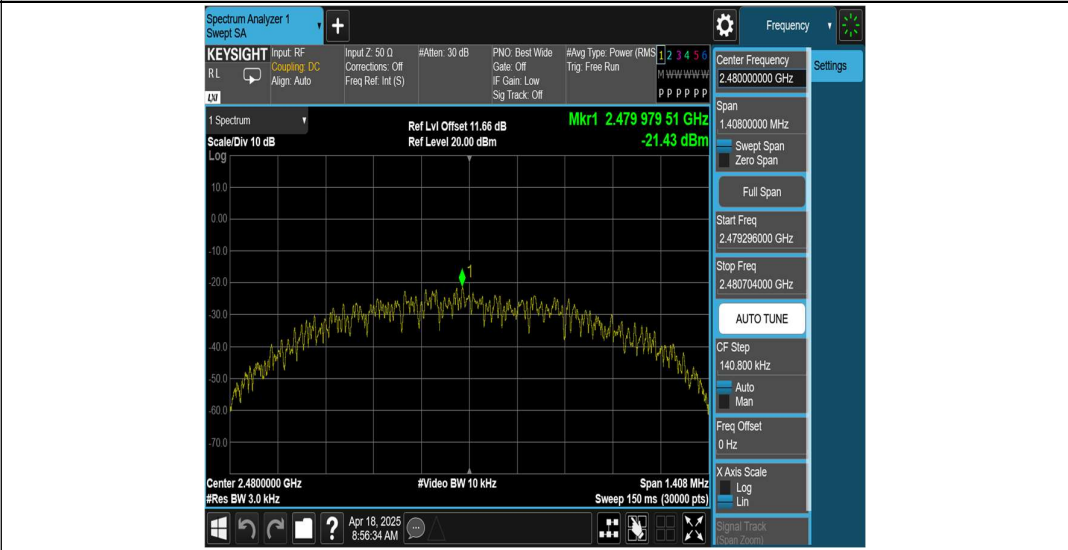
BLE_125K_Ant1_2402



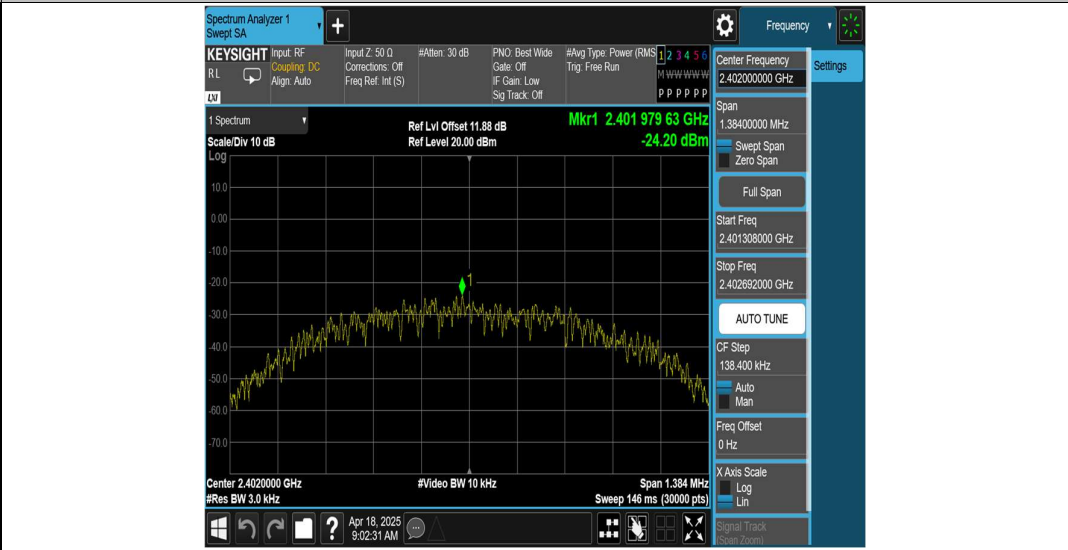
BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440



BLE_500K_Ant1_2480

