

Appendix A: Test Results of Bluetooth LE

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Appendix A.1: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.676	2402.352	0.5	PASS
		2440	0.684	2439.660	2440.344	0.5	PASS
		2480	0.700	2479.668	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.088	2401.468	2402.556	0.5	PASS
		2440	1.108	2439.468	2440.576	0.5	PASS
		2480	1.164	2479.412	2480.576	0.5	PASS

Test Graphs





BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



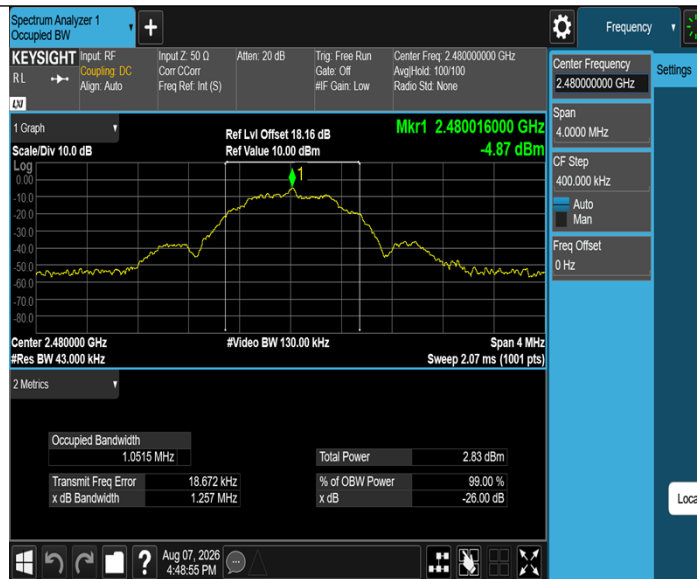
Appendix A.2: Test Results of 99% Bandwidth

Test Result

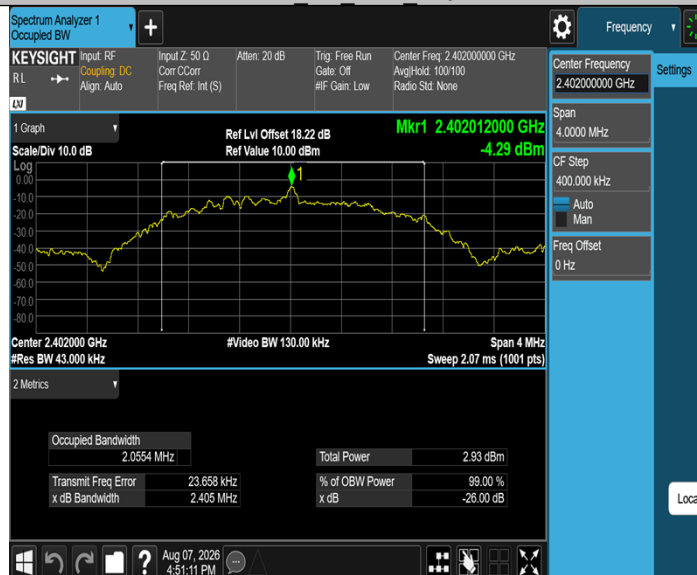
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0508	2401.4955	2402.5463	---	PASS
		2440	1.0416	2439.4952	2440.5368	---	PASS
		2480	1.0515	2479.4929	2480.5444	---	PASS
BLE_2M	Ant1	2402	2.0554	2400.9960	2403.0514	---	PASS
		2440	2.0708	2438.9948	2441.0656	---	PASS
		2480	2.0777	2478.9862	2481.0639	---	PASS

Test Graphs

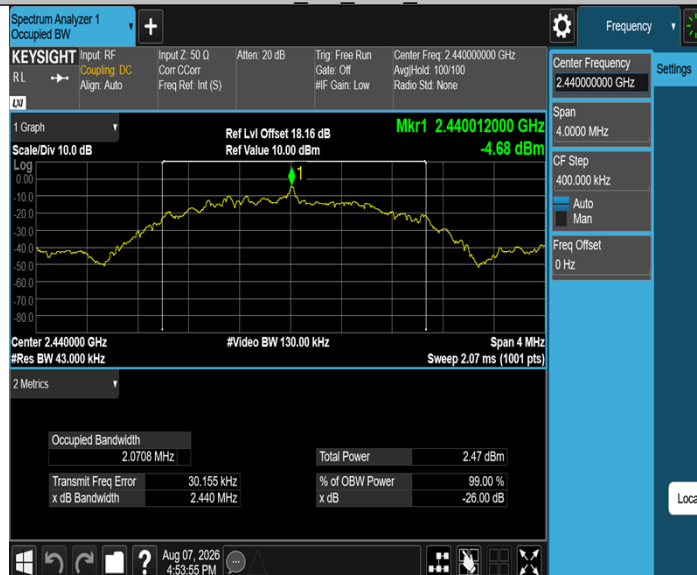




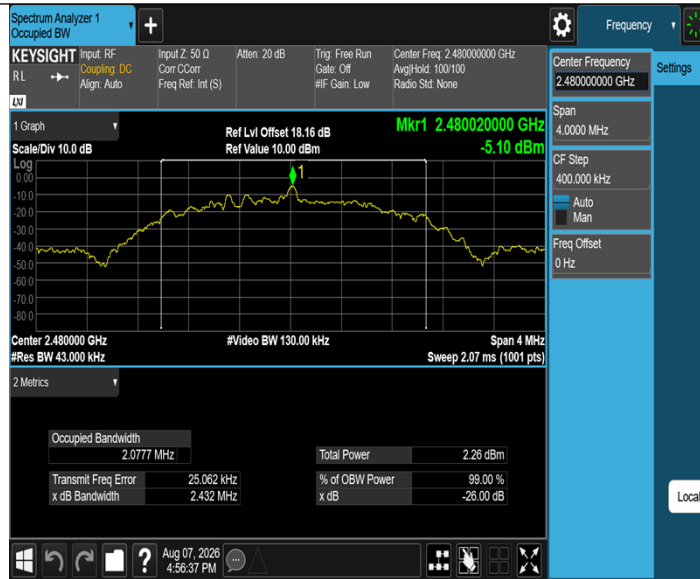
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480

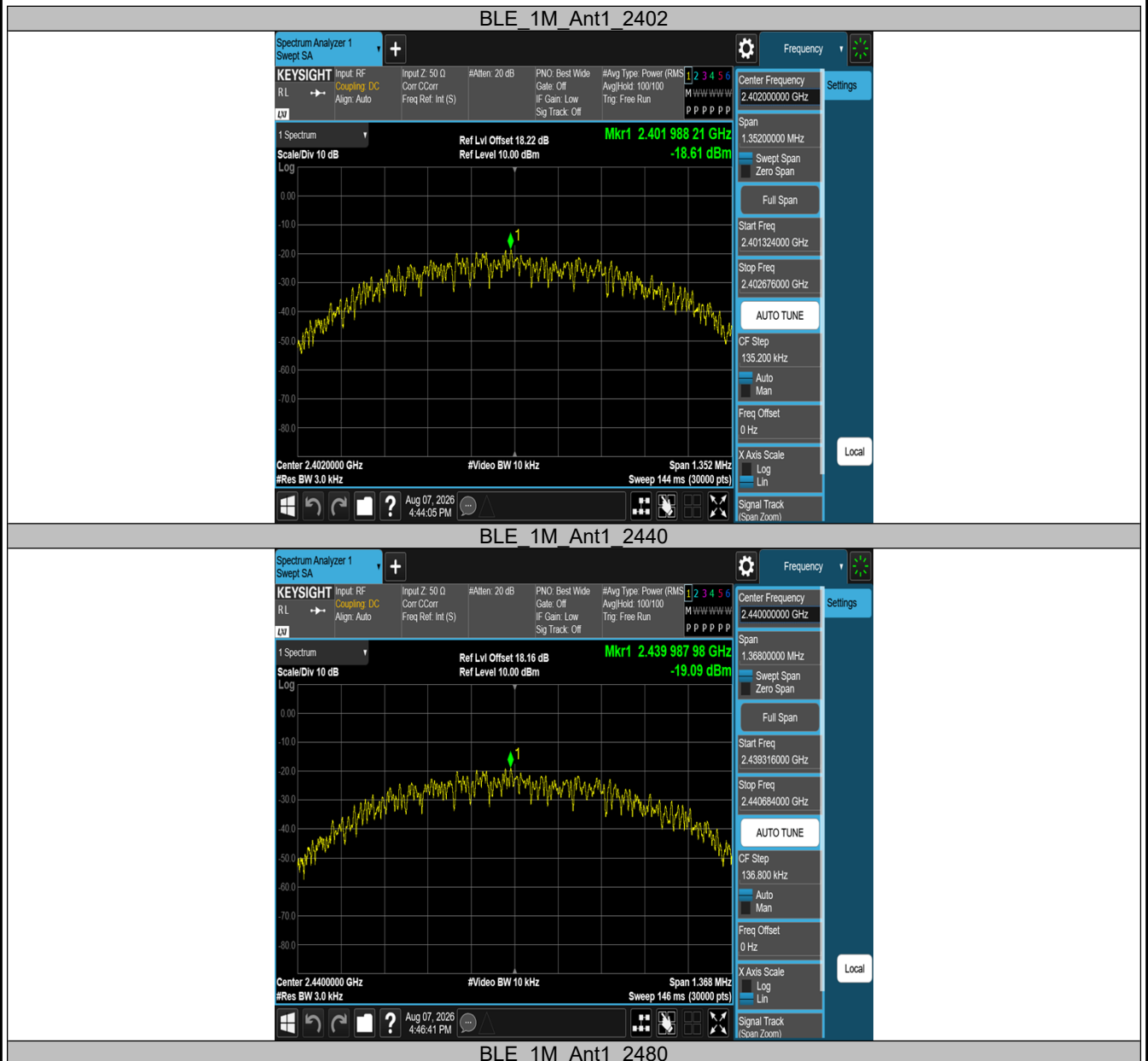


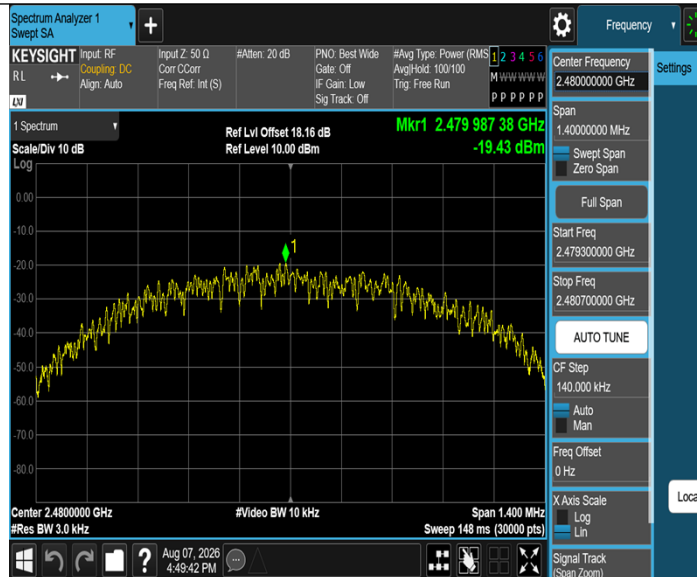
Appendix A.3: Test Results of Conducted Power Spectral Density

Test Result

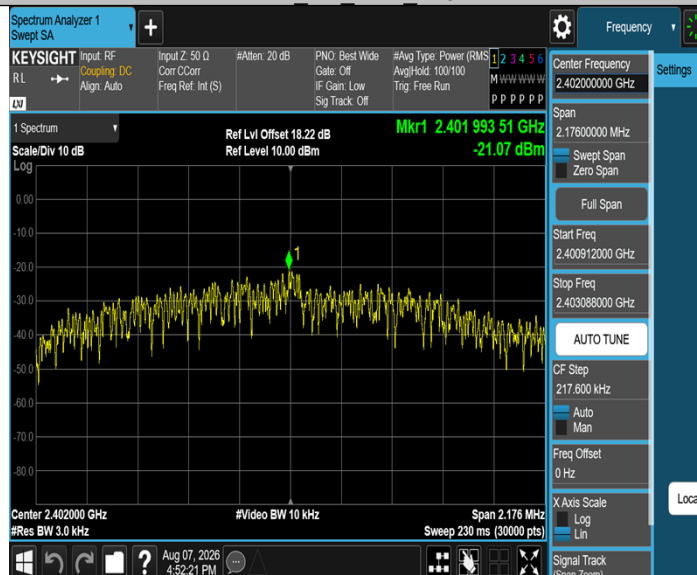
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.61	≤8.00	PASS
		2440	-19.09	≤8.00	PASS
		2480	-19.43	≤8.00	PASS
BLE_2M	Ant1	2402	-21.07	≤8.00	PASS
		2440	-21.54	≤8.00	PASS
		2480	-21.98	≤8.00	PASS

Test Graphs

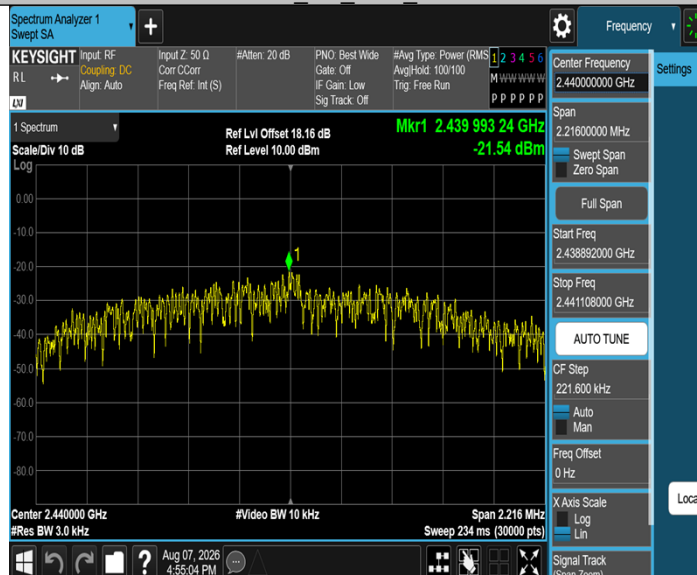




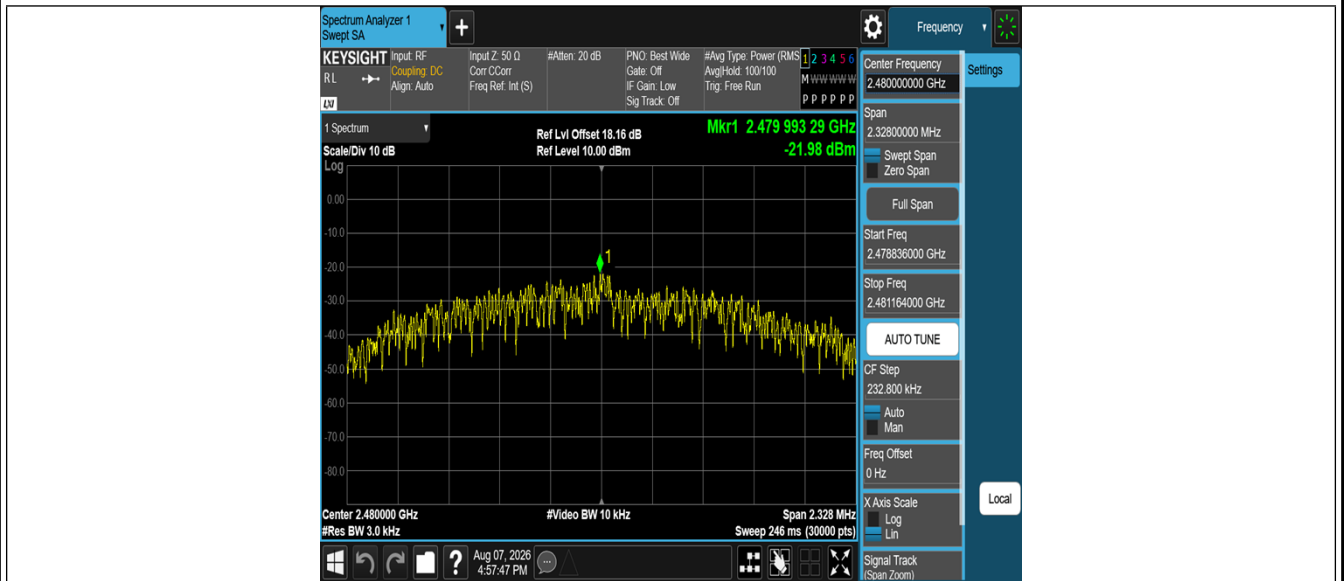
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix A.4: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.53	-50.78	≤-23.53	PASS
		High	2480	-4.12	-51.59	≤-24.12	PASS
BLE_2M	Ant1	Low	2402	-3.52	-36.81	≤-23.52	PASS
		High	2480	-4.19	-51.88	≤-24.19	PASS

Test Graphs

