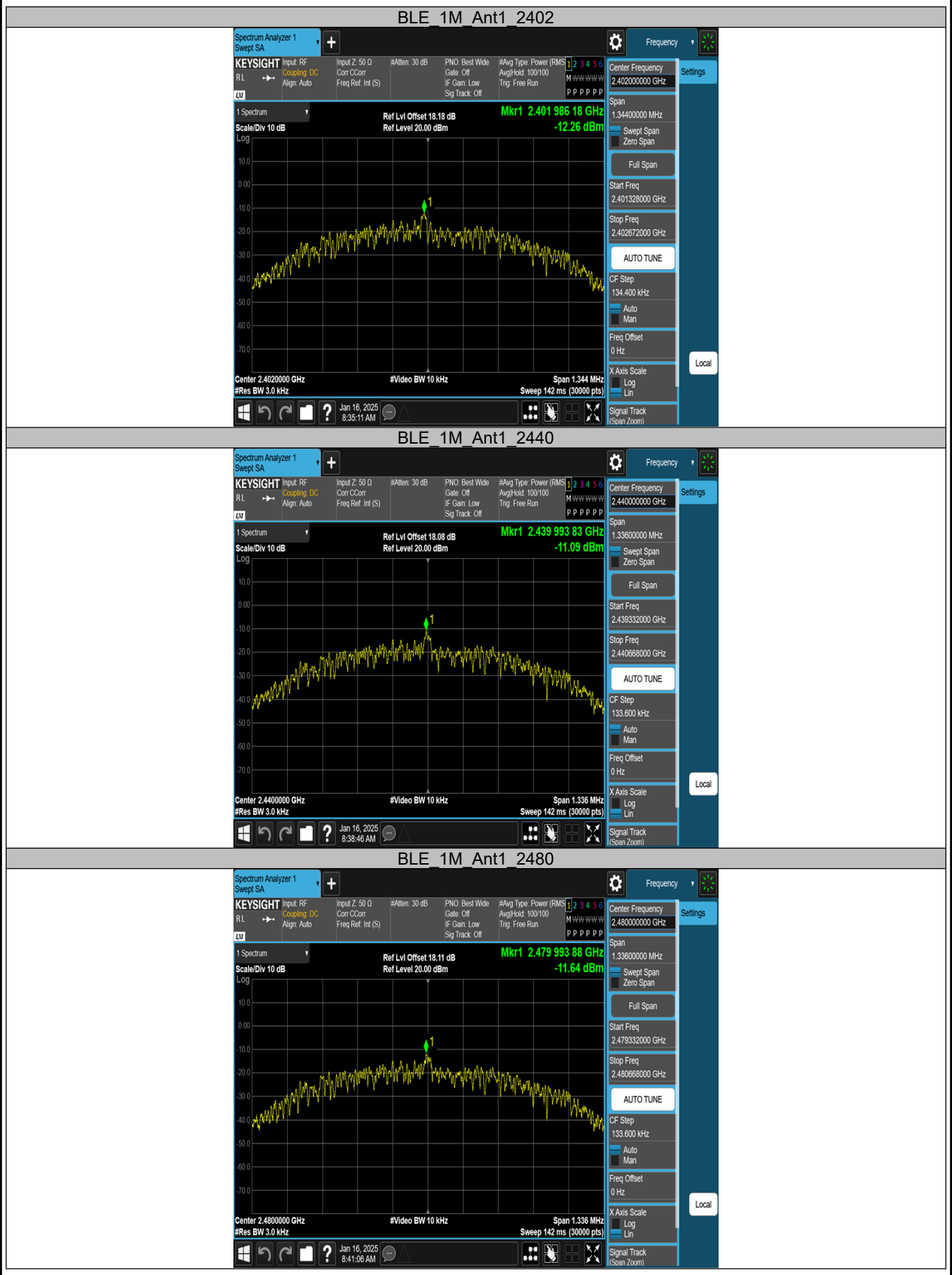


Appendix A: Test Results of Bluetooth Low Energy

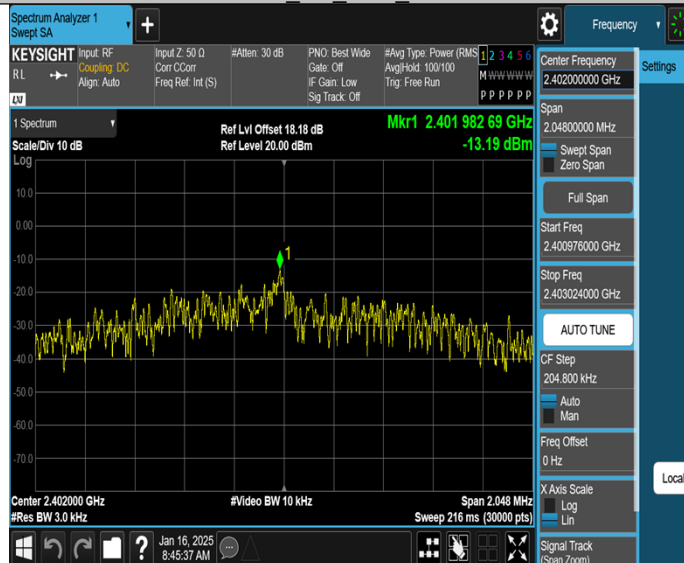
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Appendix A.1: Test Results of Conducted Power Spectral Density

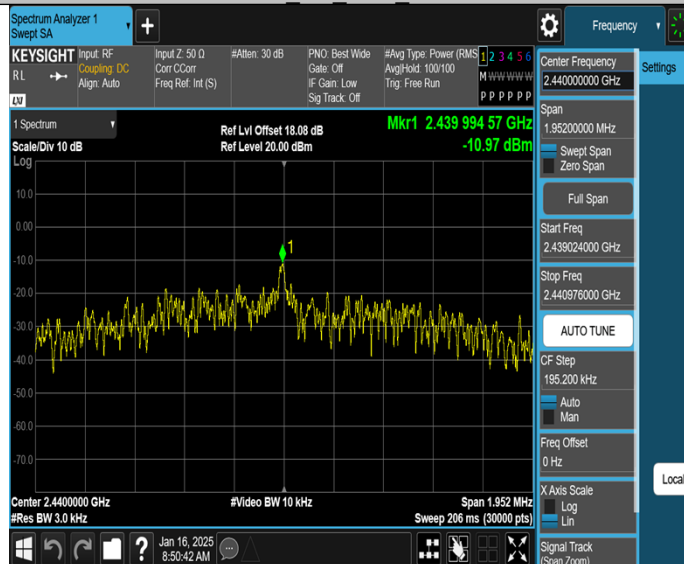
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.26	≤8.00	PASS
		2440	-11.09	≤8.00	PASS
		2480	-11.64	≤8.00	PASS
BLE_2M	Ant1	2402	-13.19	≤8.00	PASS
		2440	-10.97	≤8.00	PASS
		2480	-11.28	≤8.00	PASS



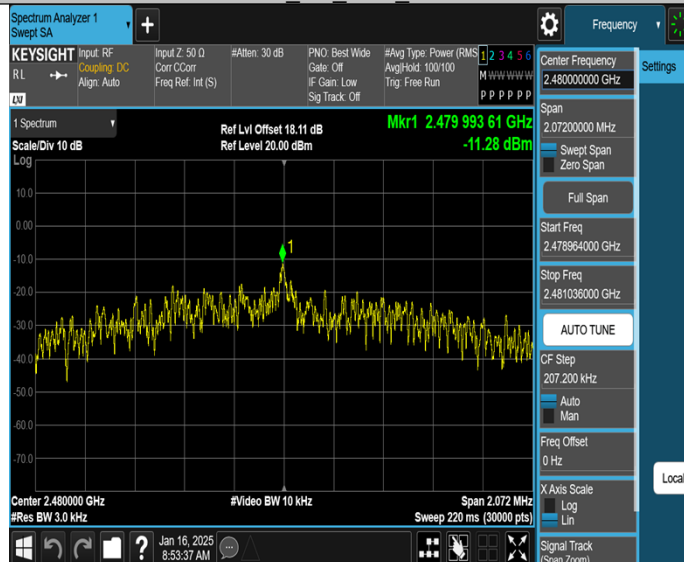
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix A.2: Test Results of 6dB Bandwidth

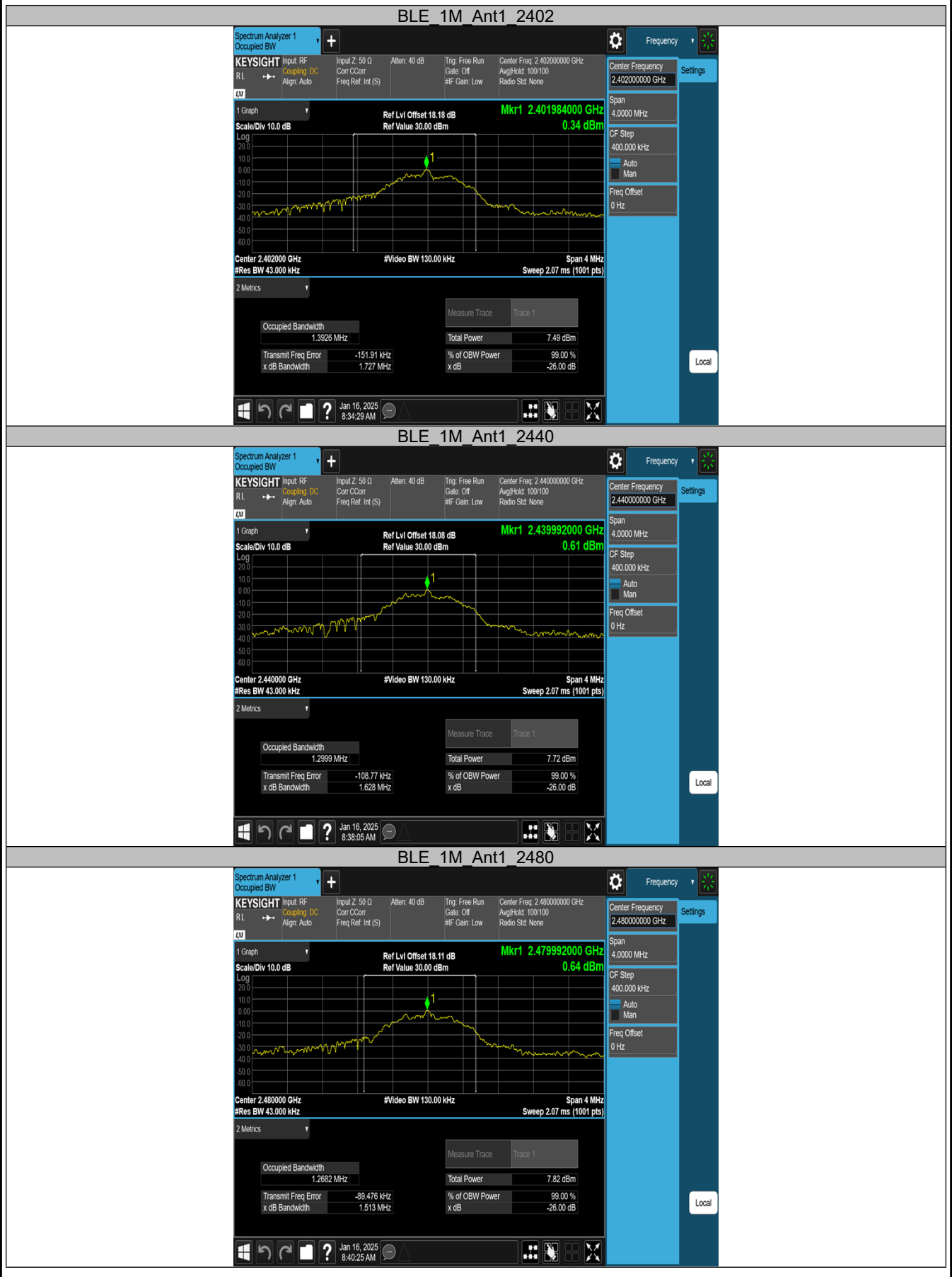
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.672	2402.344	0.5	PASS
		2440	0.668	2439.668	2440.336	0.5	PASS
		2480	0.668	2479.676	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.024	2401.472	2402.496	0.5	PASS
		2440	0.976	2439.492	2440.468	0.5	PASS
		2480	1.036	2479.476	2480.512	0.5	PASS

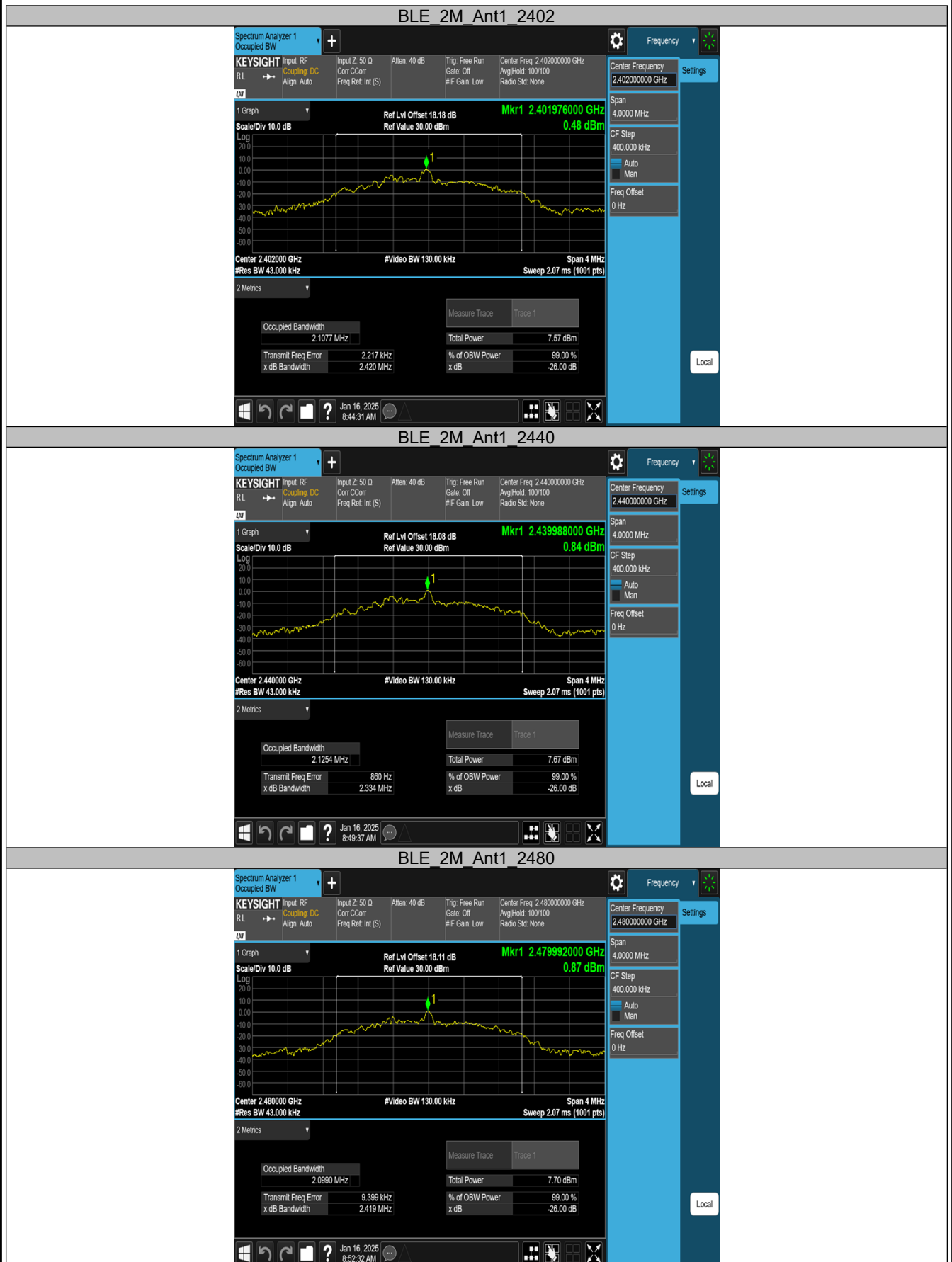




Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.3926	2401.1518	2402.5444	---	PASS
		2440	1.2999	2439.2413	2440.5412	---	PASS
		2480	1.2682	2479.2764	2480.5446	---	PASS
BLE_2M	Ant1	2402	2.1077	2400.9484	2403.0561	---	PASS
		2440	2.1254	2438.9382	2441.0636	---	PASS
		2480	2.0990	2478.9599	2481.0589	---	PASS





Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.51	-33.46	≤-19.49	PASS
		High	2480	0.89	-41.71	≤-19.11	PASS
BLE_2M	Ant1	Low	2402	0.54	-31.57	≤-19.46	PASS
		High	2480	0.90	-41.98	≤-19.10	PASS

BLE 1M Ant1 Low 2402

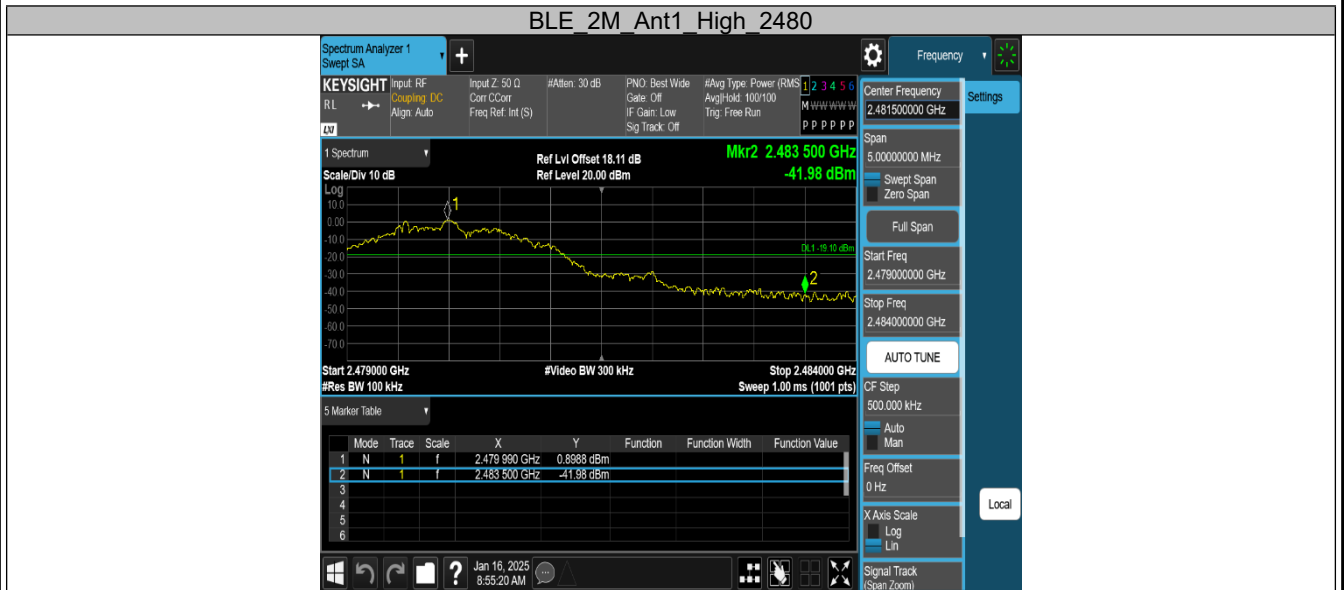


BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402





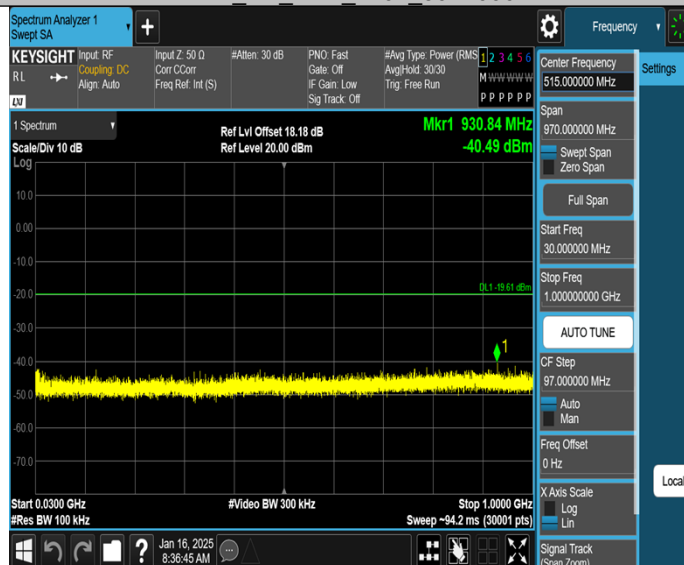
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.39	0.39	---	PASS
			30~1000	0.39	-40.49	≤-19.61	PASS
			1000~26500	0.39	-32.87	≤-19.61	PASS
		2440	Reference	0.75	0.75	---	PASS
			30~1000	0.75	-41.58	≤-19.25	PASS
			1000~26500	0.75	-32.92	≤-19.25	PASS
		2480	Reference	0.79	0.79	---	PASS
			30~1000	0.79	-42.13	≤-19.21	PASS
			1000~26500	0.79	-33.45	≤-19.21	PASS
BLE_2M	Ant1	2402	Reference	0.39	0.39	---	PASS
			30~1000	0.39	-41.98	≤-19.61	PASS
			1000~26500	0.39	-32.45	≤-19.61	PASS
		2440	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-41.86	≤-19.18	PASS
			1000~26500	0.82	-31.98	≤-19.18	PASS
		2480	Reference	0.91	0.91	---	PASS
			30~1000	0.91	-41.13	≤-19.09	PASS
			1000~26500	0.91	-31.64	≤-19.09	PASS

BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000



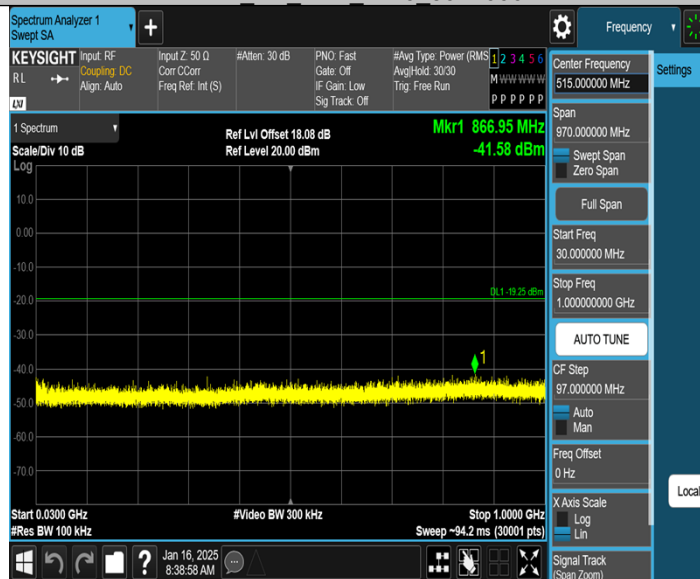
BLE 1M Ant1 2402 1000~26500



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



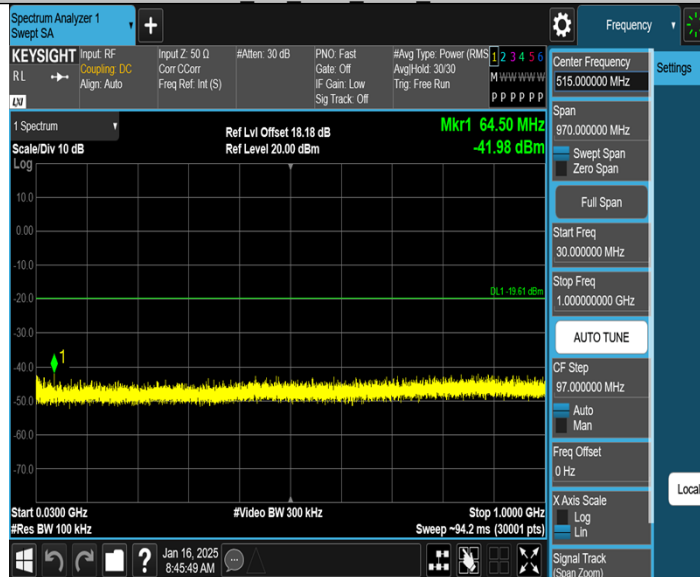
BLE_1M_Ant1_2480_1000~26500



BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000



BLE 2M Ant1 2402 1000~26500



BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



BLE 2M Ant1 2440 1000~26500

