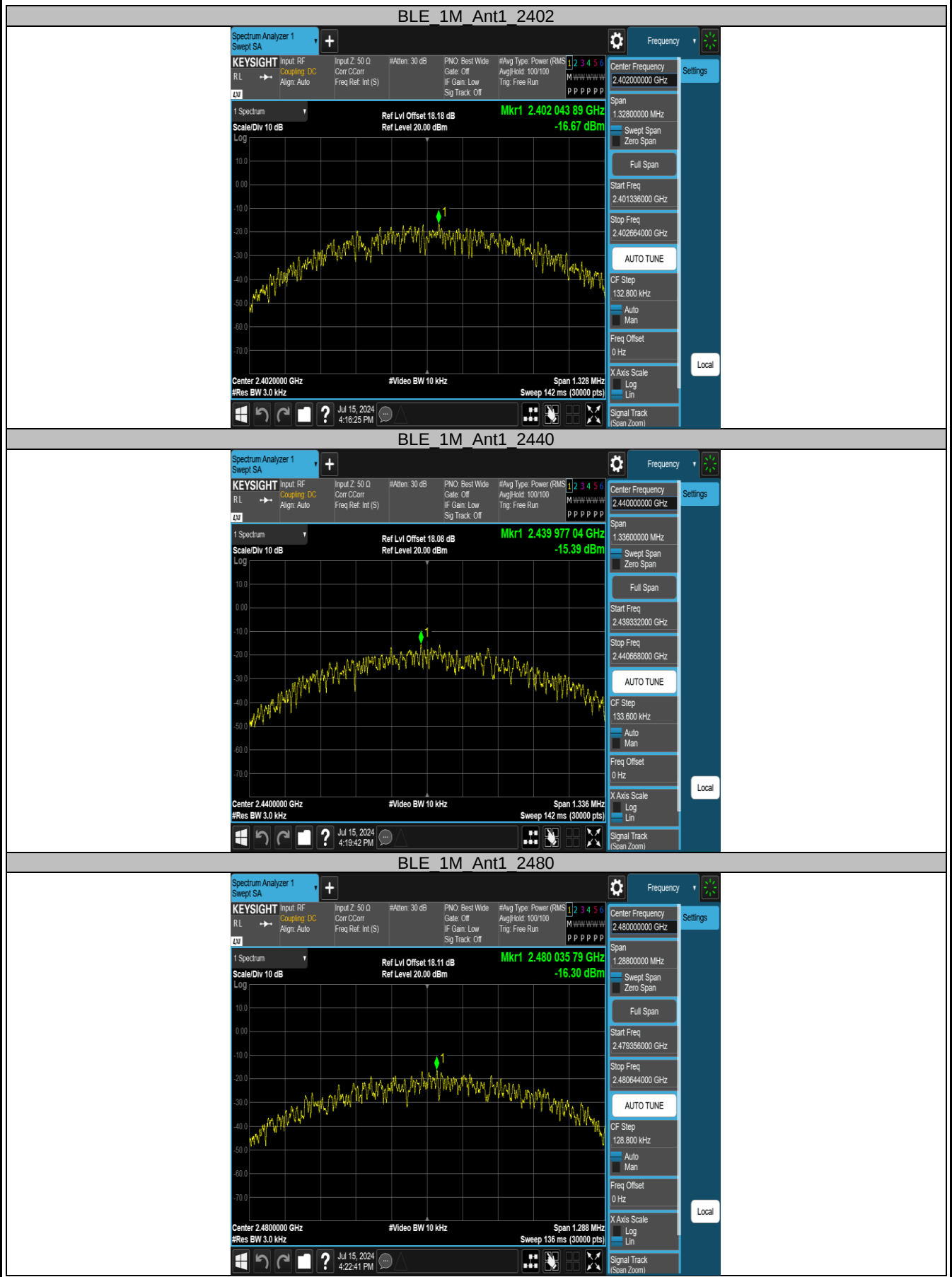


Appendix A: Test Results of Bluetooth Low Energy

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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	-16.67	≤8.00	PASS
		2440	-15.40	≤8.00	PASS
		2480	-16.30	≤8.00	PASS
BLE_2M	Ant1	2402	-18.38	≤8.00	PASS
		2440	-17.31	≤8.00	PASS
		2480	-19.07	≤8.00	PASS
BLE_125K	Ant1	2402	-7.38	≤8.00	PASS
		2440	-7.02	≤8.00	PASS
		2480	-8.02	≤8.00	PASS
BLE_500K	Ant1	2402	-7.49	≤8.00	PASS
		2440	-7.13	≤8.00	PASS
		2480	-8.13	≤8.00	PASS









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	0.664	2401.708	2402.372	0.5	PASS
		2440	0.668	2439.700	2440.368	0.5	PASS
		2480	0.644	2479.712	2480.356	0.5	PASS
BLE_2M	Ant1	2402	1.064	2401.500	2402.564	0.5	PASS
		2440	1.124	2439.484	2440.608	0.5	PASS
		2480	0.880	2479.484	2480.364	0.5	PASS
BLE_125K	Ant1	2402	0.636	2401.716	2402.352	0.5	PASS
		2440	0.680	2439.692	2440.372	0.5	PASS
		2480	0.676	2479.696	2480.372	0.5	PASS
BLE_500K	Ant1	2402	0.640	2401.716	2402.356	0.5	PASS
		2440	0.668	2439.720	2440.388	0.5	PASS
		2480	0.648	2479.712	2480.360	0.5	PASS





BLE 125K Ant1 2402



BLE 125K Ant1 2440



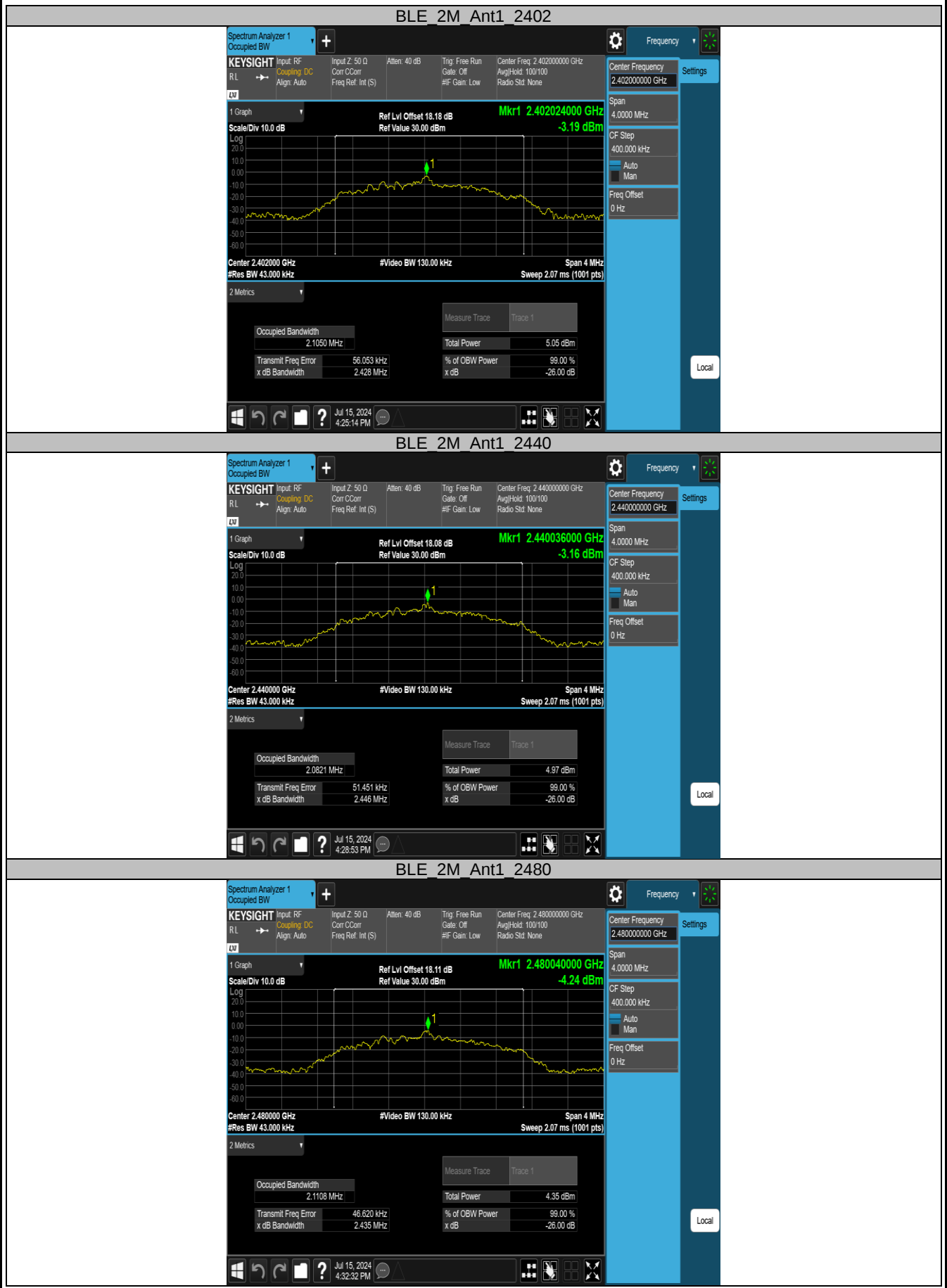
BLE 125K Ant1 2480



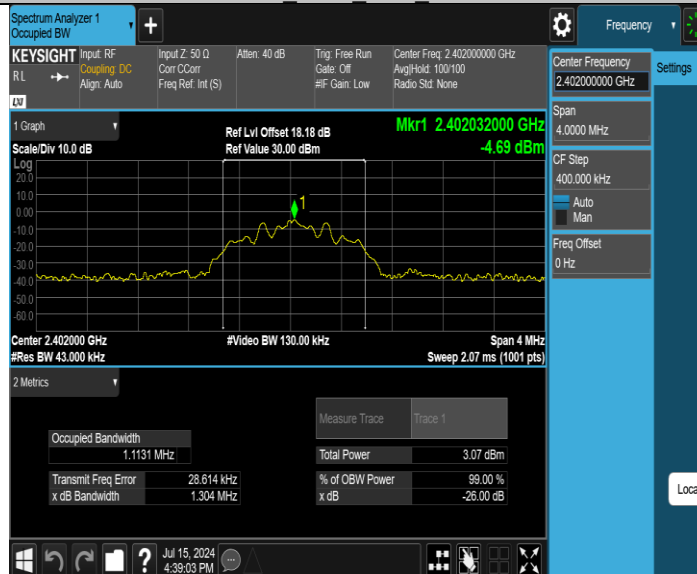
Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0707	2401.5028	2402.5735	---	PASS
		2440	1.0698	2439.5059	2440.5757	---	PASS
		2480	1.0869	2479.4916	2480.5785	---	PASS
BLE_2M	Ant1	2402	2.1050	2401.0036	2403.1086	---	PASS
		2440	2.0821	2439.0104	2441.0925	---	PASS
		2480	2.1108	2478.9912	2481.1020	---	PASS
BLE_125K	Ant1	2402	1.1131	2401.4721	2402.5852	---	PASS
		2440	1.1181	2439.4690	2440.5871	---	PASS
		2480	1.1533	2479.4502	2480.6035	---	PASS
BLE_500K	Ant1	2402	1.0751	2401.4896	2402.5647	---	PASS
		2440	1.0761	2439.4871	2440.5632	---	PASS
		2480	1.0963	2479.4893	2480.5856	---	PASS

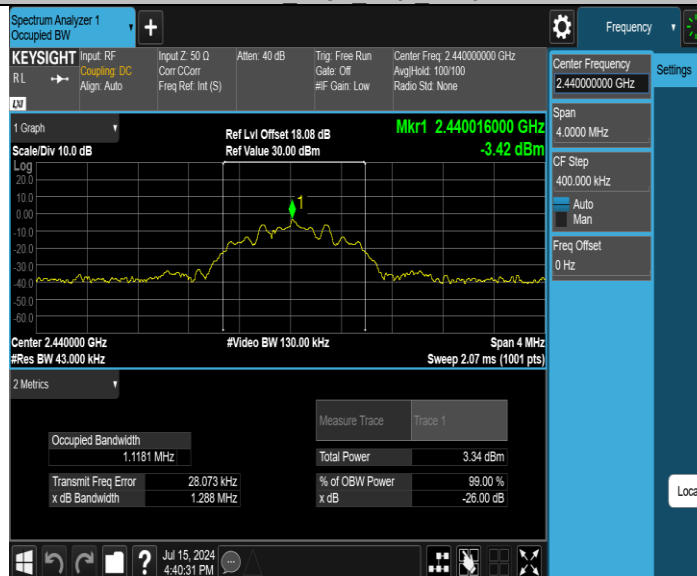




BLE 125K Ant1 2402



BLE 125K Ant1 2440



BLE 125K Ant1 2480





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

Band Edge

Test performed under 125kbps, 500kbps, 1Mbps and 2Mbps, only the worst-case reported.

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.55	-45.15	≤-21.55	PASS
		High	2480	-2.80	-44.32	≤-22.80	PASS
BLE_2M	Ant1	Low	2402	-1.39	-35.43	≤-21.39	PASS
		High	2480	-3.36	-44.51	≤-23.36	PASS

BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480





Conducted Spurious Emission

Test performed under 125kbps, 500kbps, 1Mbps and 2Mbps, only the worst-case reported.

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.85	-1.85	---	PASS
			30~1000	-1.85	-42.07	≤-21.85	PASS
			1000~26500	-1.85	-32.28	≤-21.85	PASS
		2440	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-41.6	≤-21.43	PASS
			1000~26500	-1.43	-33.23	≤-21.43	PASS
		2480	Reference	-2.44	-2.44	---	PASS
			30~1000	-2.44	-41.05	≤-22.44	PASS
			1000~26500	-2.44	-32.38	≤-22.44	PASS
BLE_2M	Ant1	2402	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-41.67	≤-21.76	PASS
			1000~26500	-1.76	-32.64	≤-21.76	PASS
		2440	Reference	-1.48	-1.48	---	PASS
			30~1000	-1.48	-40.94	≤-21.48	PASS
			1000~26500	-1.48	-32.27	≤-21.48	PASS
		2480	Reference	-2.58	-2.58	---	PASS
			30~1000	-2.58	-41.55	≤-22.58	PASS
			1000~26500	-2.58	-32.54	≤-22.58	PASS

