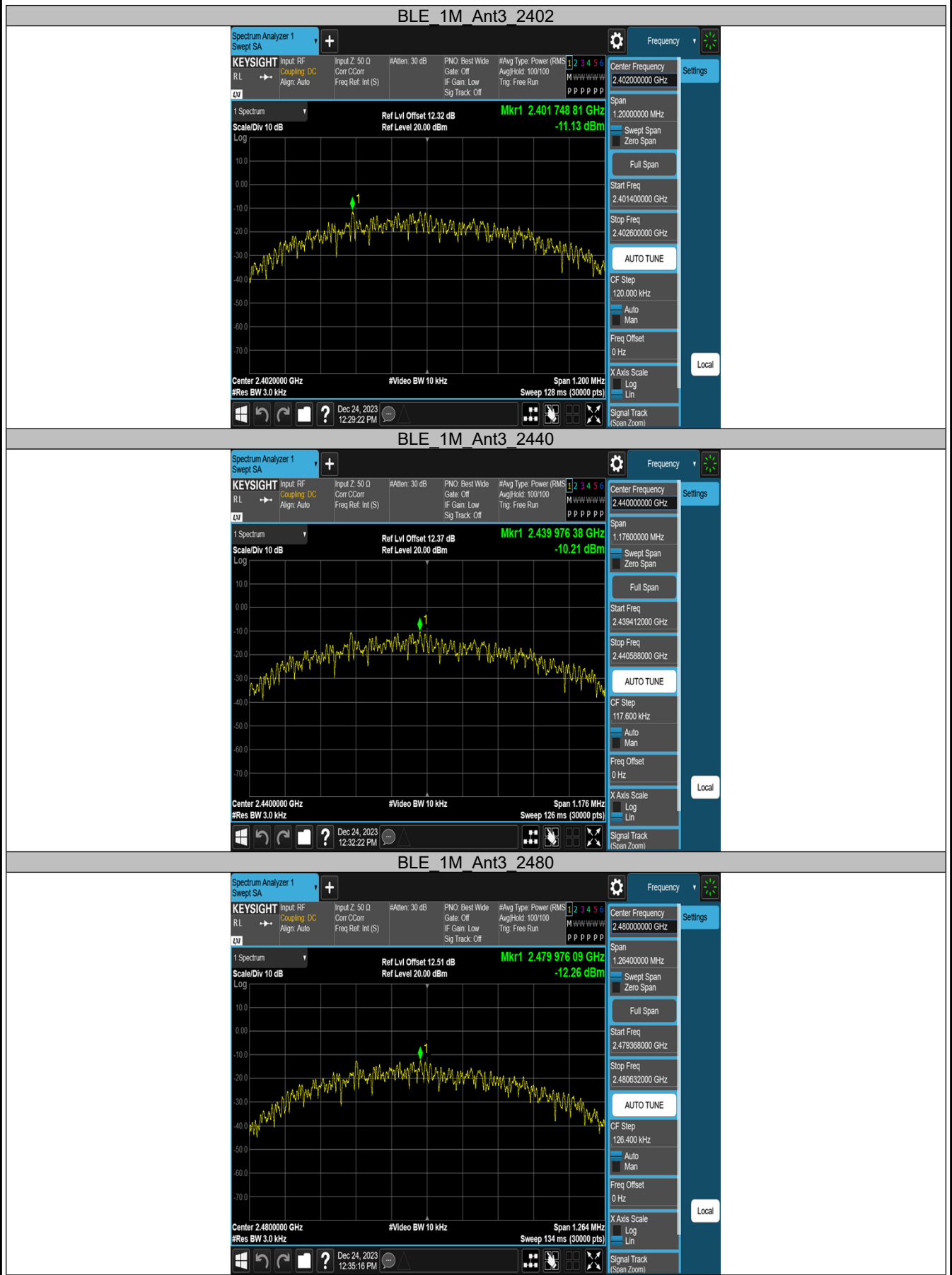


Appendix A: Test Results of Bluetooth Low Energy

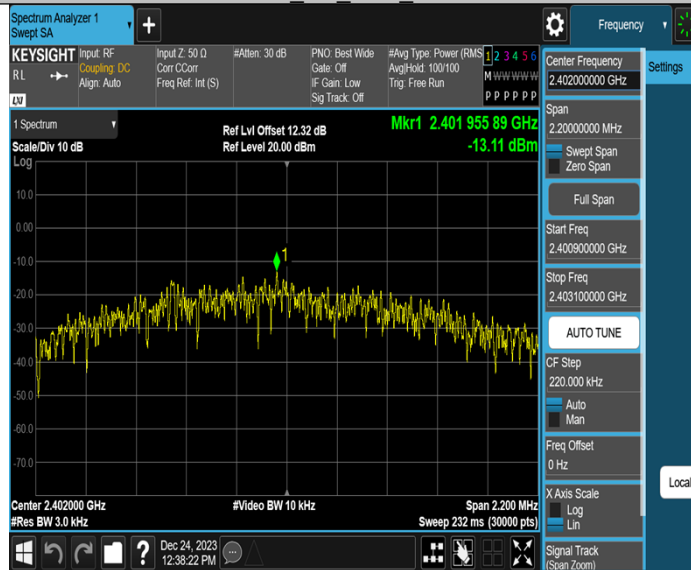
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Appendix A.1: Test Results of Conducted Power Spectral Density

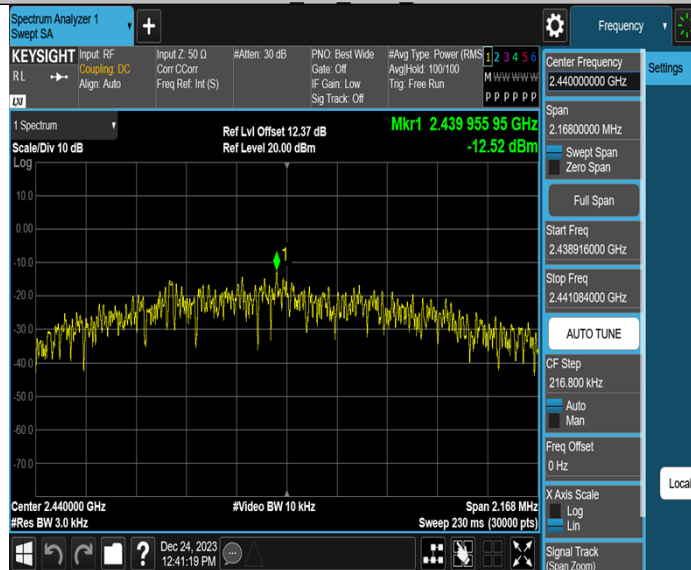
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant3	2402	-11.13	≤8.00	PASS
		2440	-10.21	≤8.00	PASS
		2480	-12.26	≤8.00	PASS
BLE_2M	Ant3	2402	-13.11	≤8.00	PASS
		2440	-12.52	≤8.00	PASS
		2480	-14.69	≤8.00	PASS



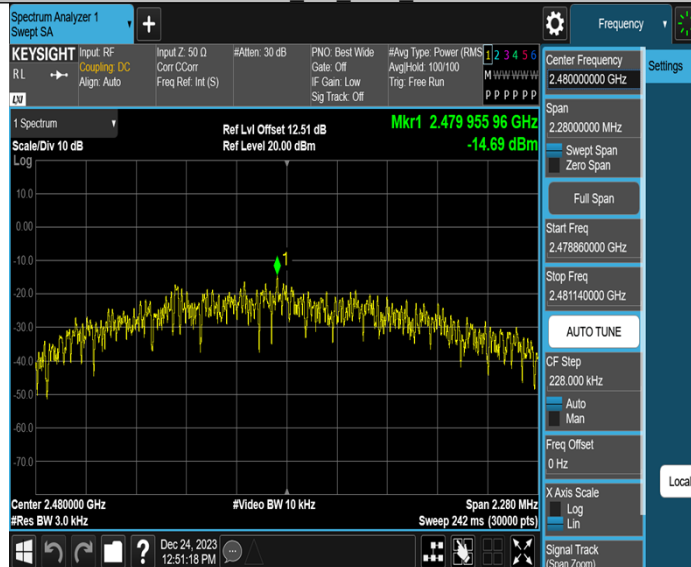
BLE 2M Ant3 2402



BLE 2M Ant3 2440

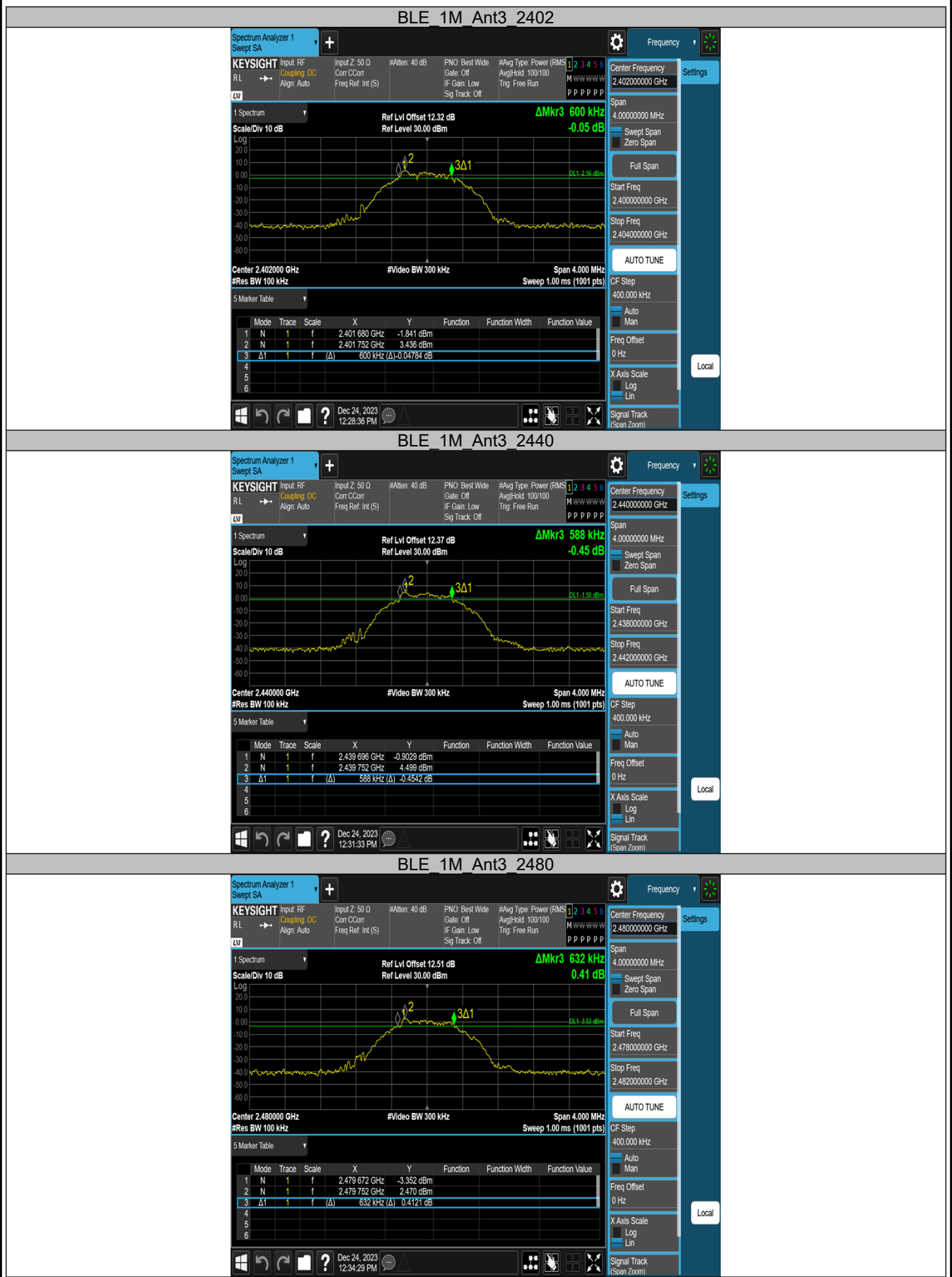


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Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant3	2402	0.600	2401.680	2402.280	0.5	PASS
		2440	0.588	2439.696	2440.284	0.5	PASS
		2480	0.632	2479.672	2480.304	0.5	PASS
BLE_2M	Ant3	2402	1.100	2401.420	2402.520	0.5	PASS
		2440	1.084	2439.416	2440.500	0.5	PASS
		2480	1.140	2479.412	2480.552	0.5	PASS



BLE 2M Ant3 2402



BLE 2M Ant3 2440

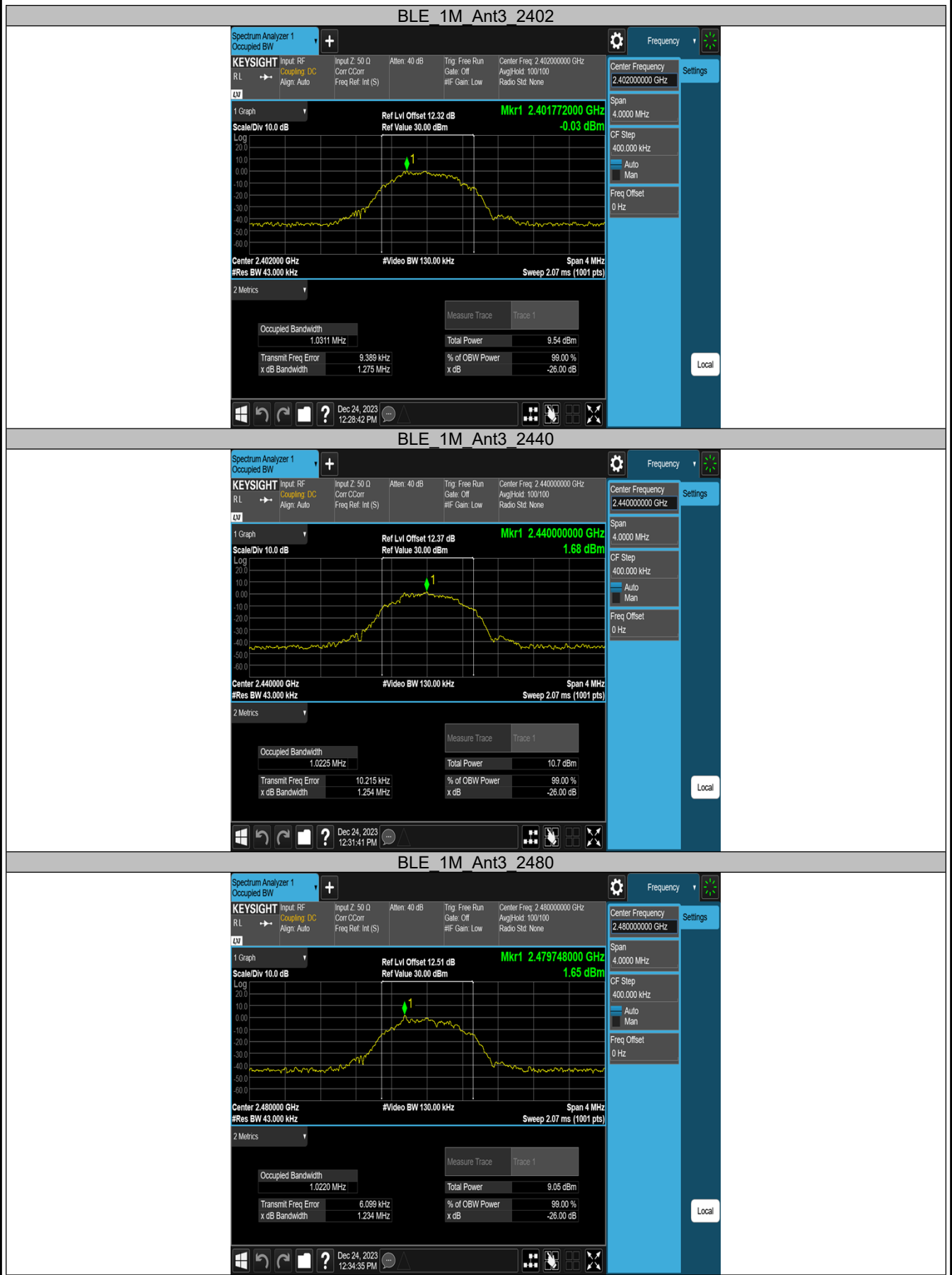


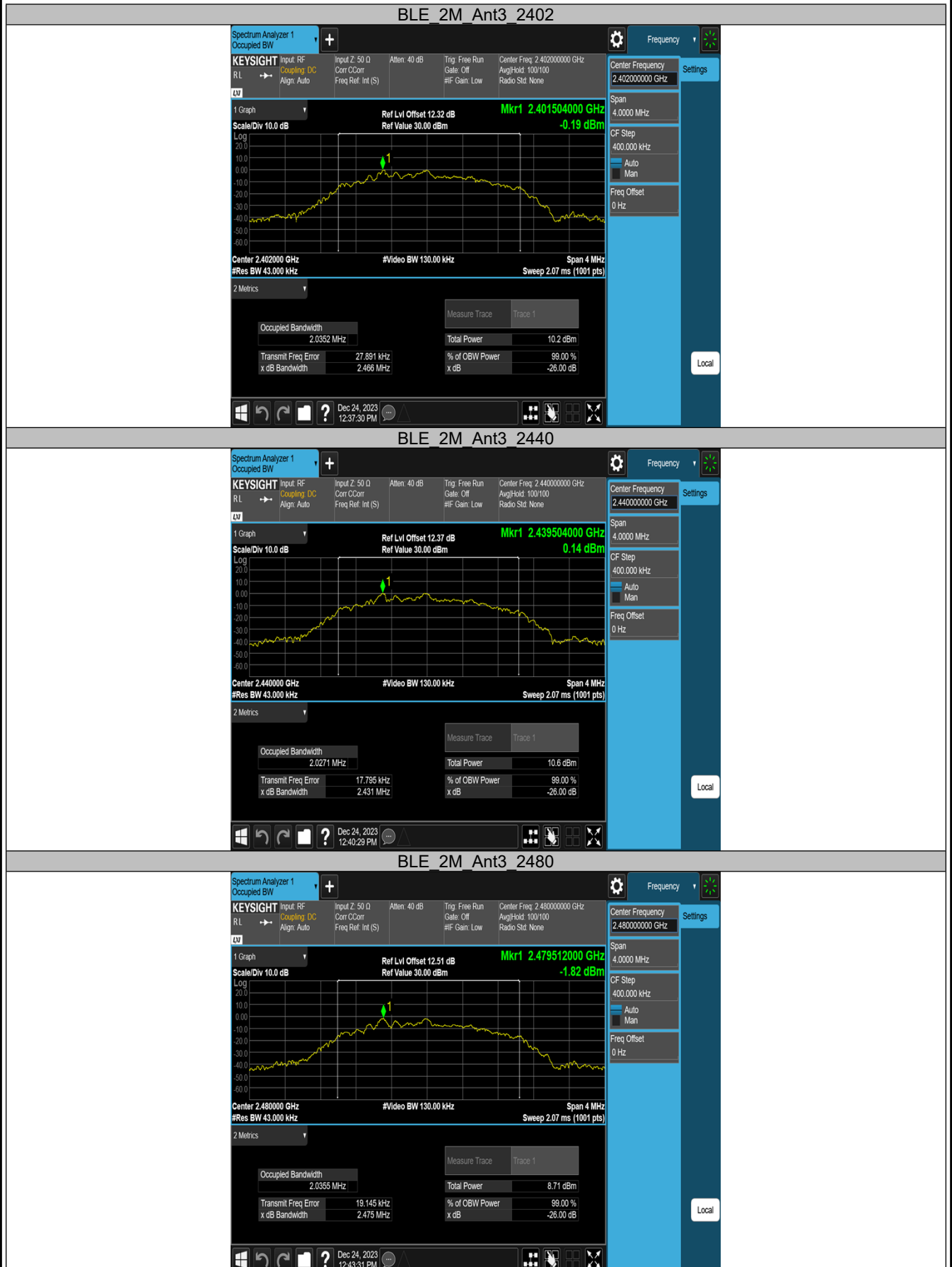
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Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant3	2402	1.0311	2401.4938	2402.5249	---	PASS
		2440	1.0225	2439.4990	2440.5215	---	PASS
		2480	1.0220	2479.4951	2480.5171	---	PASS
BLE_2M	Ant3	2402	2.0352	2401.0103	2403.0455	---	PASS
		2440	2.0271	2439.0042	2441.0313	---	PASS
		2480	2.0355	2479.0014	2481.0369	---	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	Ant3	Low	2402	3.59	-50.35	≤-16.41	PASS
		High	2480	2.493	-48.4	≤-17.51	PASS
BLE_2M	Ant3	Low	2402	3.57	-43.17	≤-16.43	PASS
		High	2480	1.808	-49.49	≤-18.19	PASS

BLE_1M Ant3 Low 2402



BLE_1M Ant3 High 2480





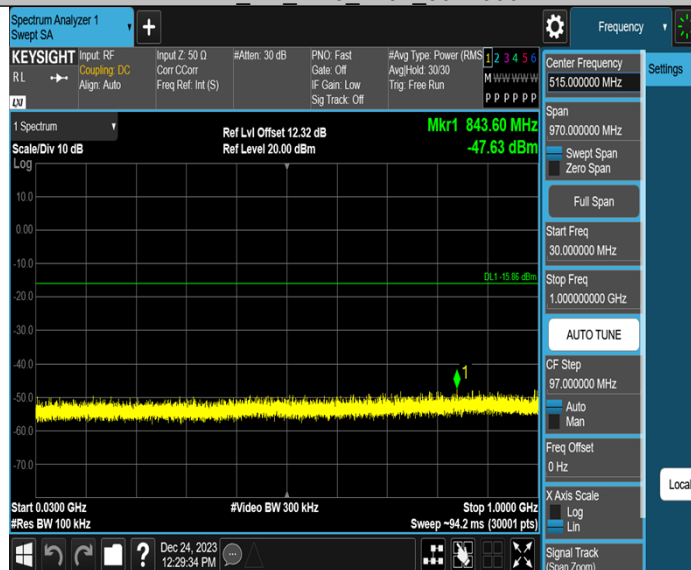
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant3	2402	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-47.63	≤-15.86	PASS
			1000~26500	4.14	-38.72	≤-15.86	PASS
		2440	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-47.88	≤-15.47	PASS
			1000~26500	4.53	-38.49	≤-15.47	PASS
		2480	Reference	2.05	2.05	---	PASS
			30~1000	2.05	-47.87	≤-17.95	PASS
			1000~26500	2.05	-38.63	≤-17.95	PASS
BLE_2M	Ant3	2402	Reference	3.62	3.62	---	PASS
			30~1000	3.62	-47.74	≤-16.38	PASS
			1000~26500	3.62	-37.24	≤-16.38	PASS
		2440	Reference	3.88	3.88	---	PASS
			30~1000	3.88	-47.5	≤-16.12	PASS
			1000~26500	3.88	-38.68	≤-16.12	PASS
		2480	Reference	2.00	2.00	---	PASS
			30~1000	2.00	-47.36	≤-18	PASS
			1000~26500	2.00	-38.34	≤-18	PASS

BLE 1M Ant3 2402 0~Reference



BLE 1M Ant3 2402 30~1000



BLE 1M Ant3 2402 1000~26500



