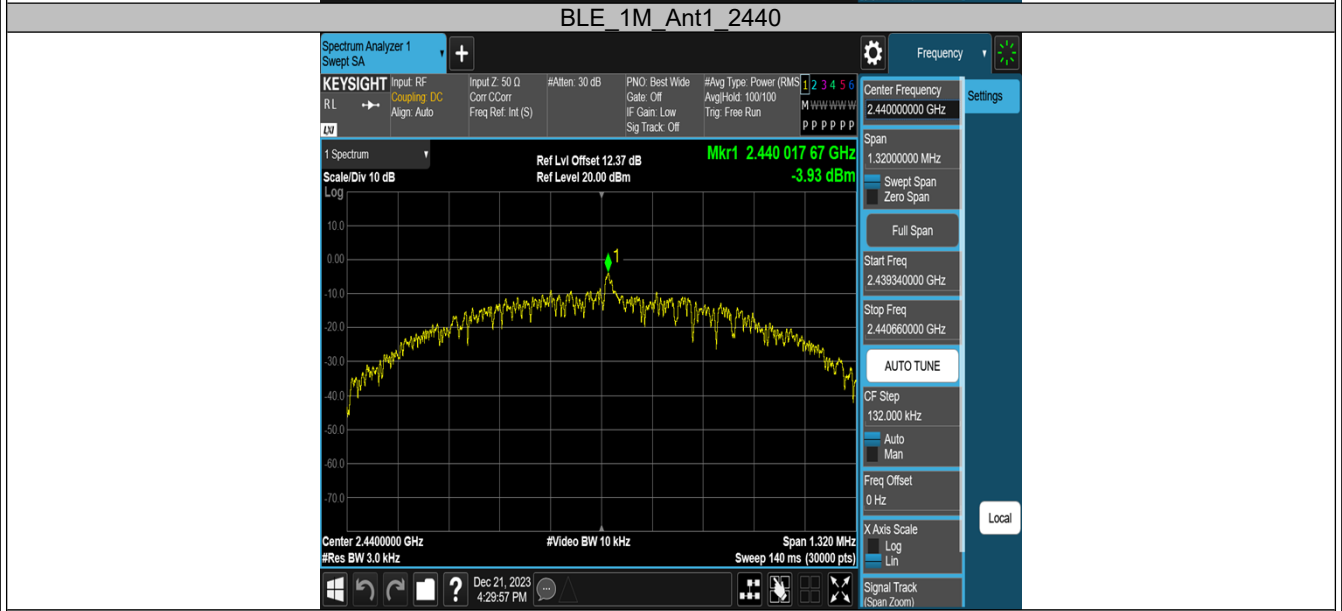
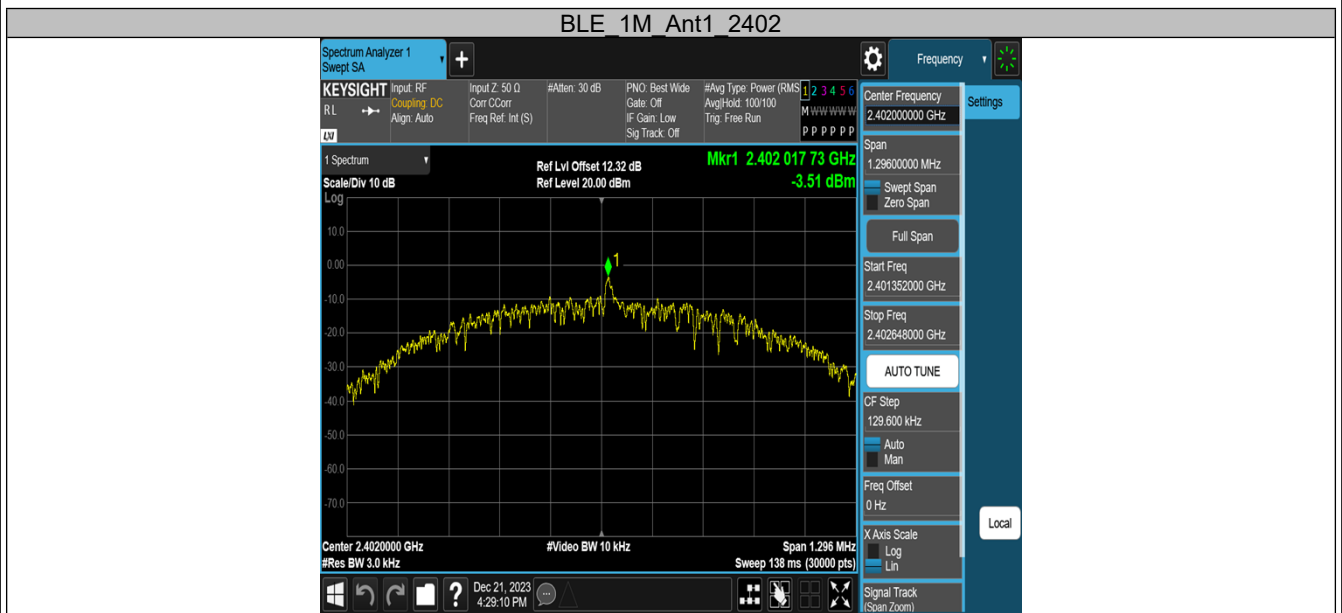


## Appendix B: Test Results of Bluetooth Low Energy

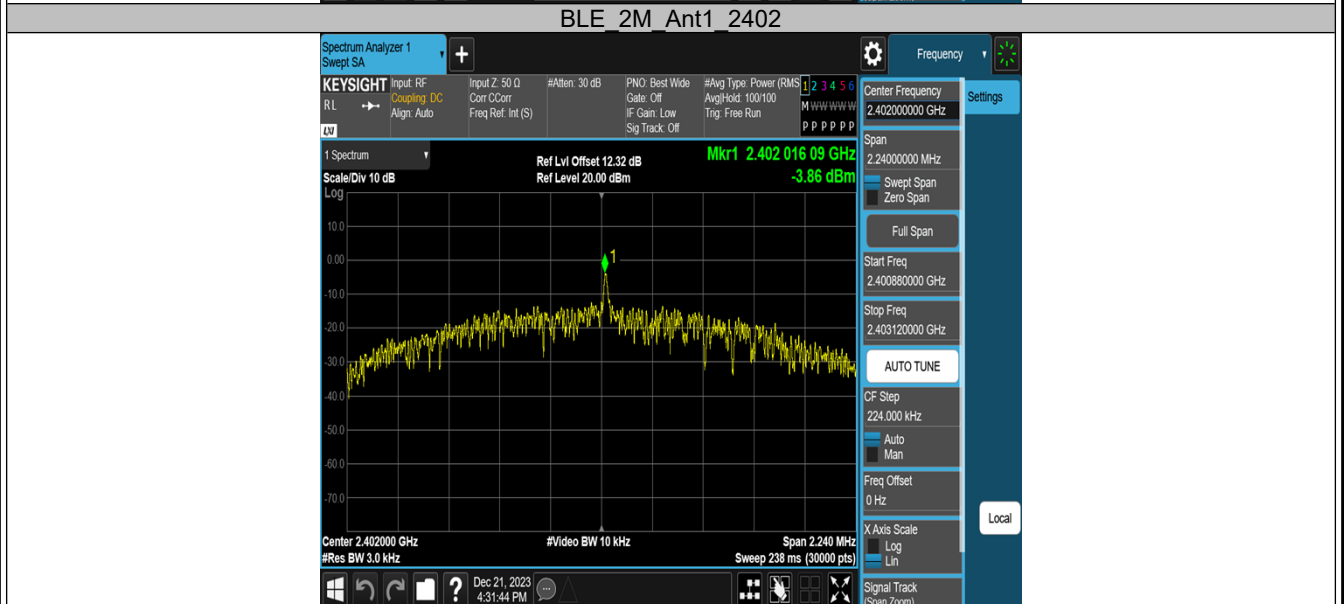
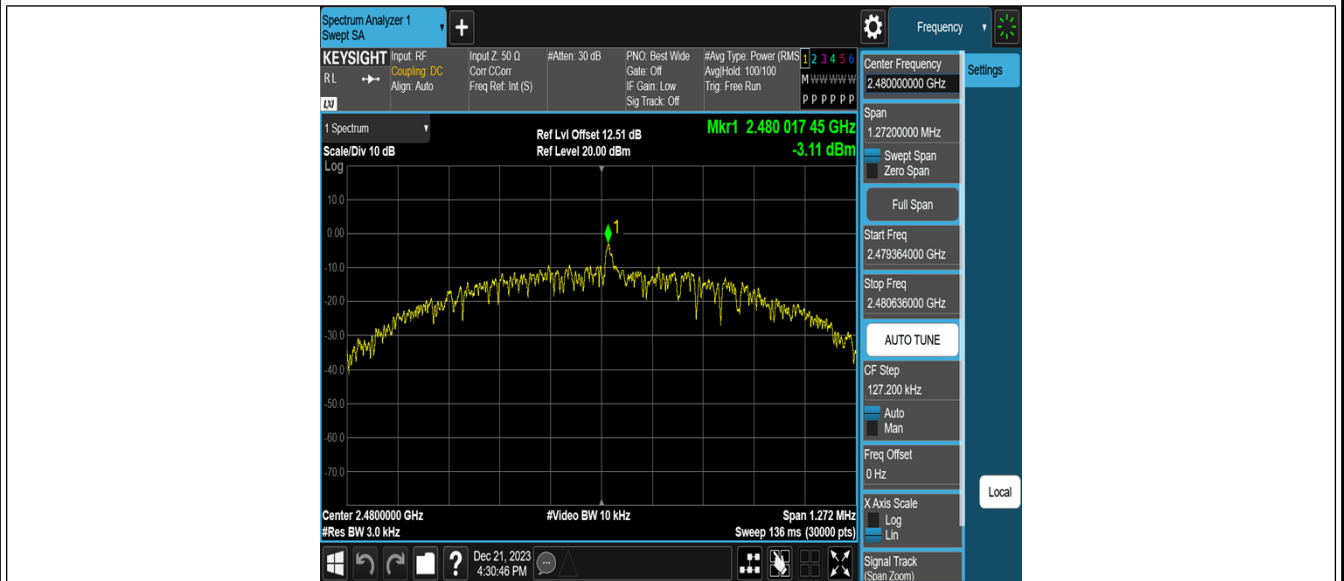
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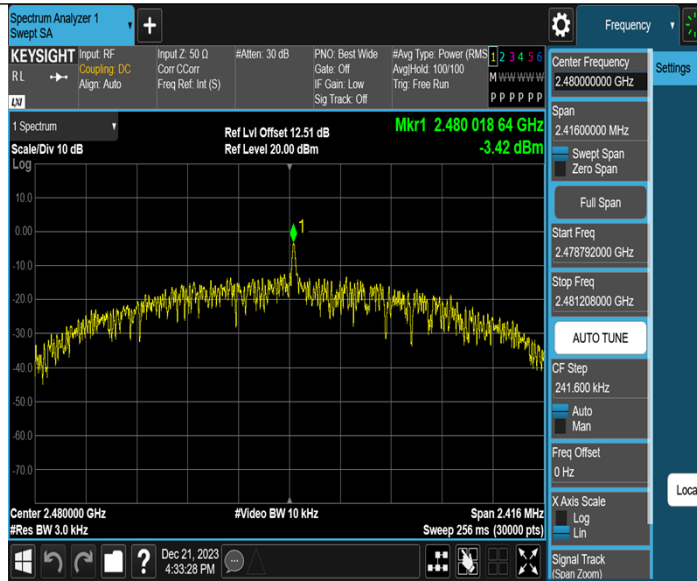
### Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-3.52	≤8.00	PASS
		2440	-3.93	≤8.00	PASS
		2480	-3.11	≤8.00	PASS
BLE_2M	Ant1	2402	-3.86	≤8.00	PASS
		2440	-4.07	≤8.00	PASS
		2480	-3.42	≤8.00	PASS



BLE 1M Ant1 2480





### Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.648	2401.696	2402.344	0.5	PASS
		2440	0.660	2439.688	2440.348	0.5	PASS
		2480	0.636	2479.700	2480.336	0.5	PASS
BLE_2M	Ant1	2402	1.120	2401.468	2402.588	0.5	PASS
		2440	1.120	2439.472	2440.592	0.5	PASS
		2480	1.208	2479.400	2480.608	0.5	PASS



**BLE\_1M\_Ant1\_2480**

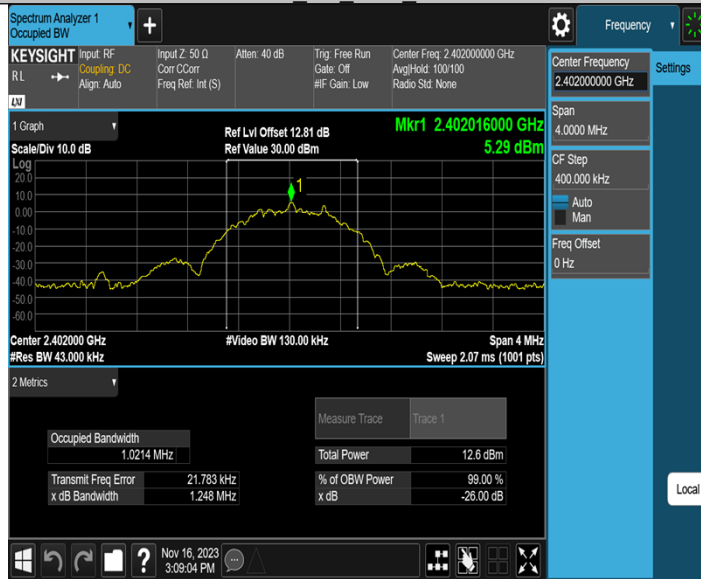




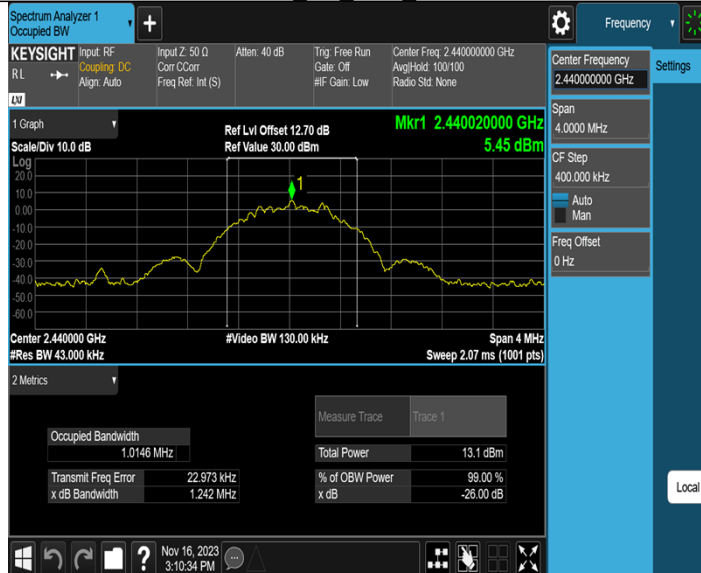
### Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0214	2401.5111	2402.5325	---	---
		2440	1.0146	2439.5157	2440.5303	---	---
		2480	1.0202	2479.5125	2480.5327	---	---
BLE_2M	Ant1	2402	2.0373	2401.0128	2403.0501	---	---
		2440	2.0507	2439.0060	2441.0567	---	---
		2480	2.0241	2479.0184	2481.0425	---	---

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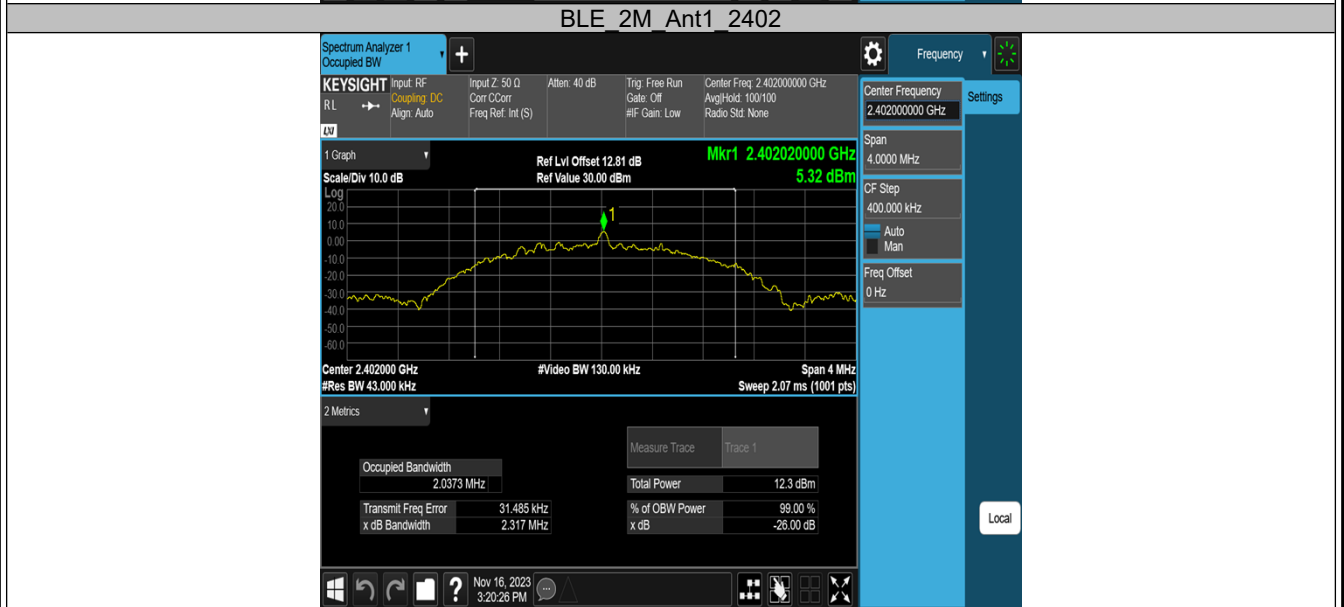
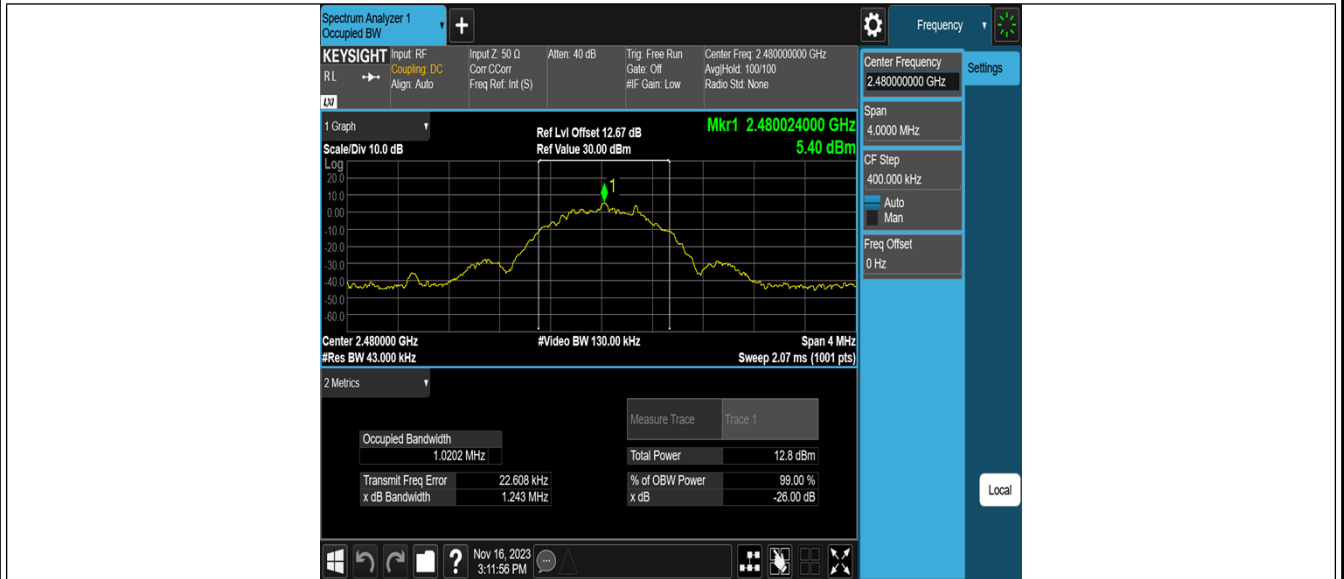


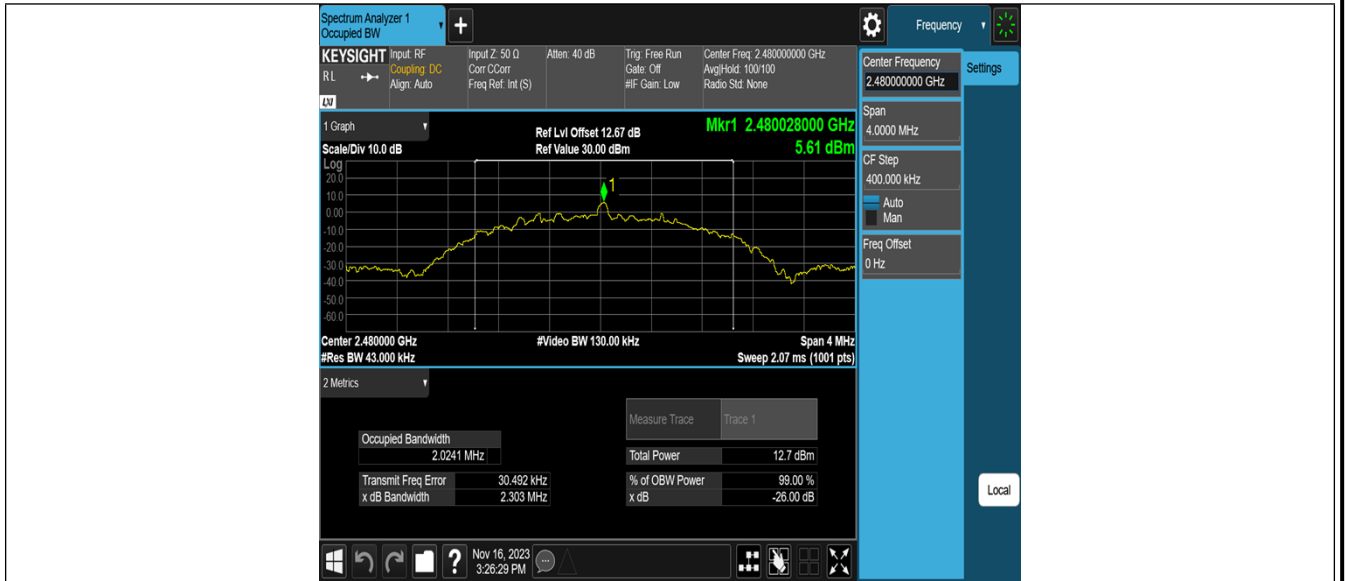
BLE\_1M Ant1 2440



BLE\_1M Ant1 2480



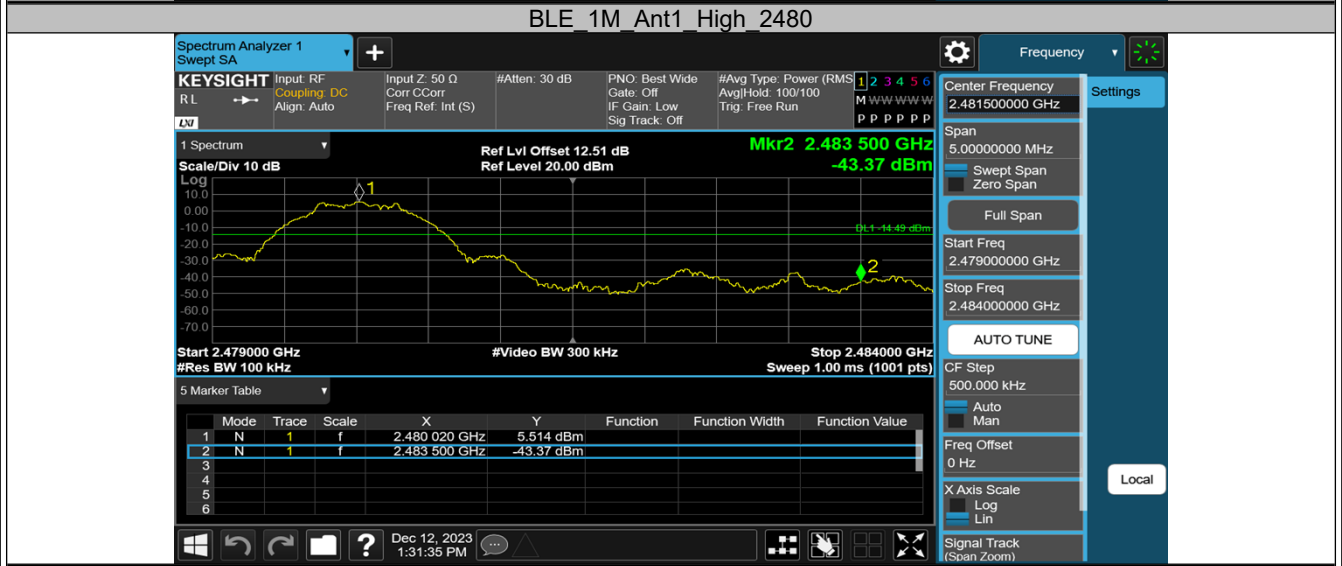




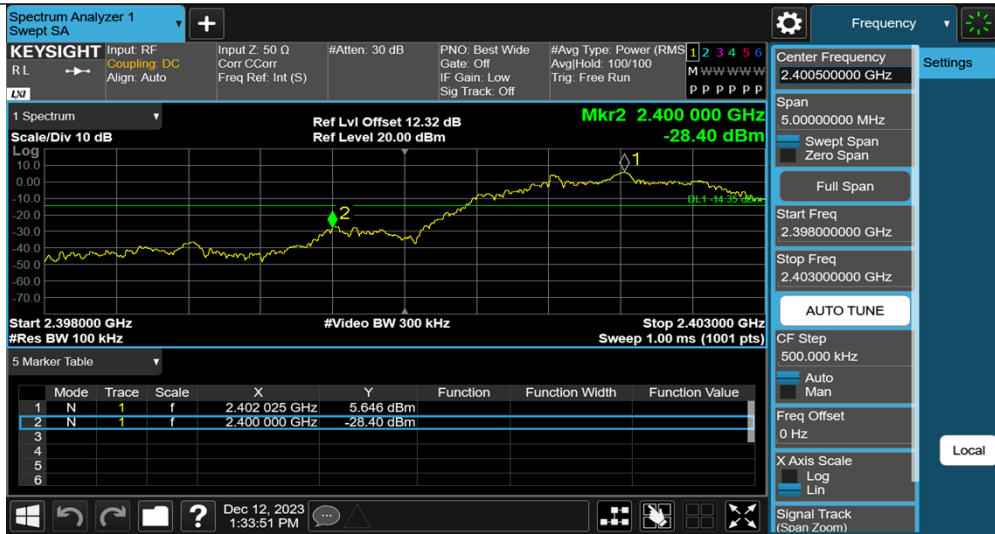
### Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

#### Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.595	-47.52	≤-14.41	PASS
		High	2480	5.514	-43.37	≤-14.49	PASS
BLE_2M	Ant1	Low	2402	5.646	-28.4	≤-14.35	PASS
		High	2480	5.594	-49.17	≤-14.41	PASS



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	5.58	5.58	---	PASS
			30~1000	5.58	-47.09	≤-14.42	PASS
			1000~26500	5.58	-38.67	≤-14.42	PASS
		2440	Reference	5.62	5.62	---	PASS
			30~1000	5.62	-47.4	≤-14.38	PASS
			1000~26500	5.62	-37.59	≤-14.38	PASS
		2480	Reference	5.44	5.44	---	PASS
			30~1000	5.44	-45.5	≤-14.56	PASS
			1000~26500	5.44	-37.39	≤-14.56	PASS
BLE_2M	Ant1	2402	Reference	5.65	5.65	---	PASS
			30~1000	5.65	-47.59	≤-14.35	PASS
			1000~26500	5.65	-38.76	≤-14.35	PASS
		2440	Reference	5.68	5.68	---	PASS
			30~1000	5.68	-47.12	≤-14.32	PASS
			1000~26500	5.68	-38.21	≤-14.32	PASS
		2480	Reference	5.53	5.53	---	PASS
			30~1000	5.53	-46.68	≤-14.47	PASS
			1000~26500	5.53	-38.1	≤-14.47	PASS

BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000

