

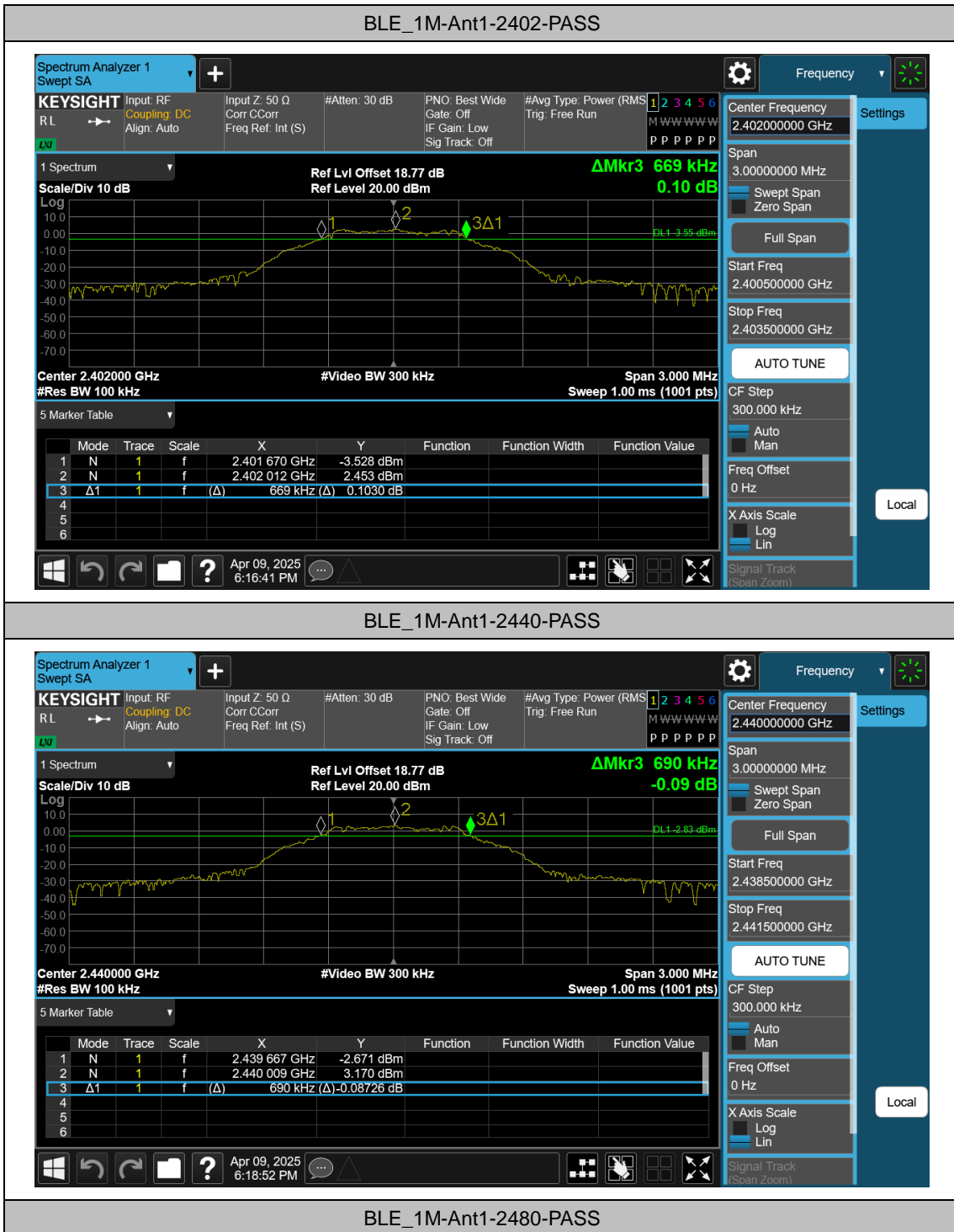


Appendix A: DTS Bandwidth

Test Result

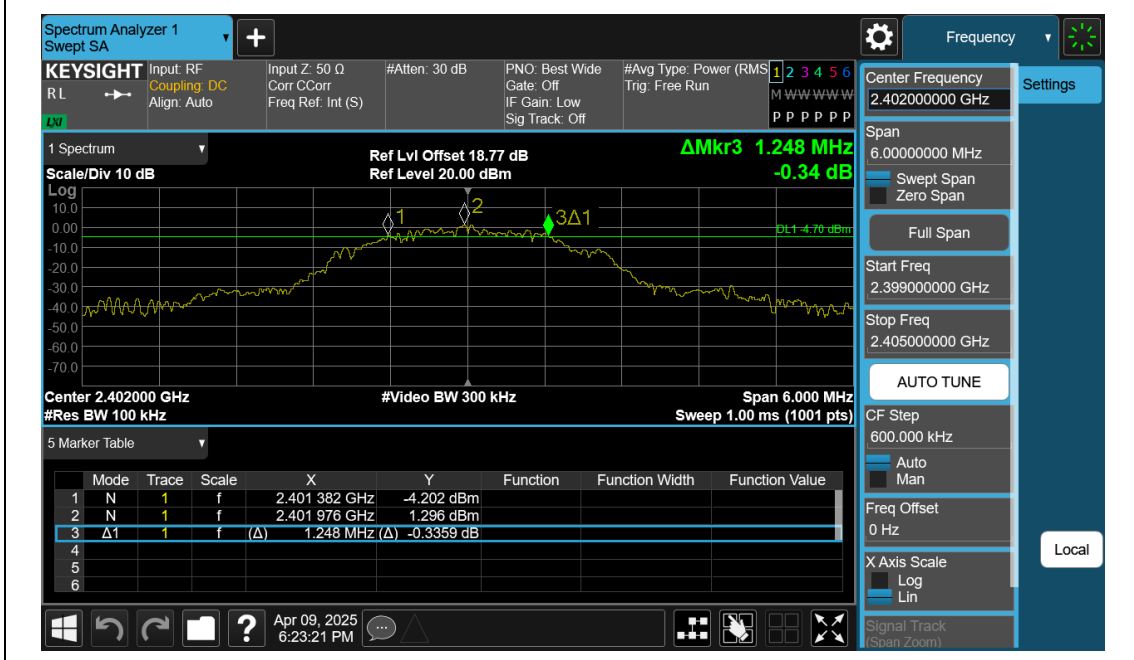
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.669	2401.670	2402.339	0.5	PASS
BLE_1M	Ant1	2440	0.690	2439.667	2440.357	0.5	PASS
BLE_1M	Ant1	2480	0.687	2479.658	2480.345	0.5	PASS
BLE_2M	Ant1	2402	1.248	2401.382	2402.630	0.5	PASS
BLE_2M	Ant1	2440	1.212	2439.412	2440.624	0.5	PASS
BLE_2M	Ant1	2480	1.386	2479.322	2480.708	0.5	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

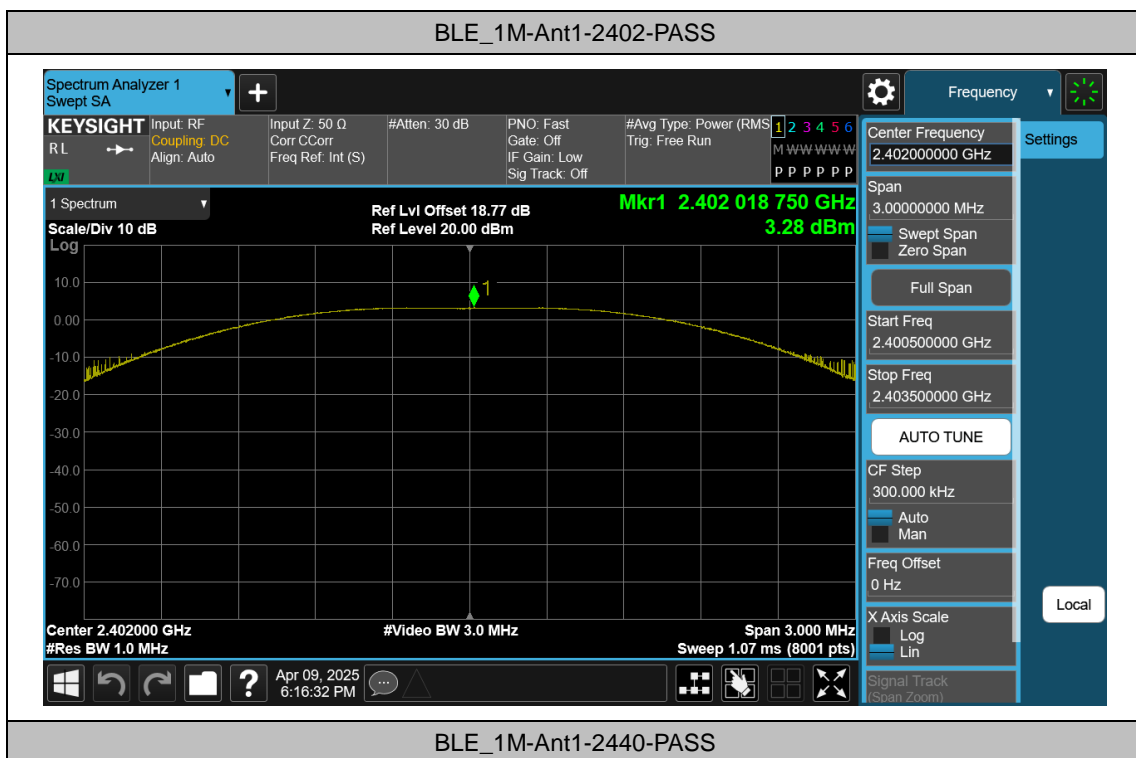


Appendix B: Maximum conducted output power

Test Result Peak

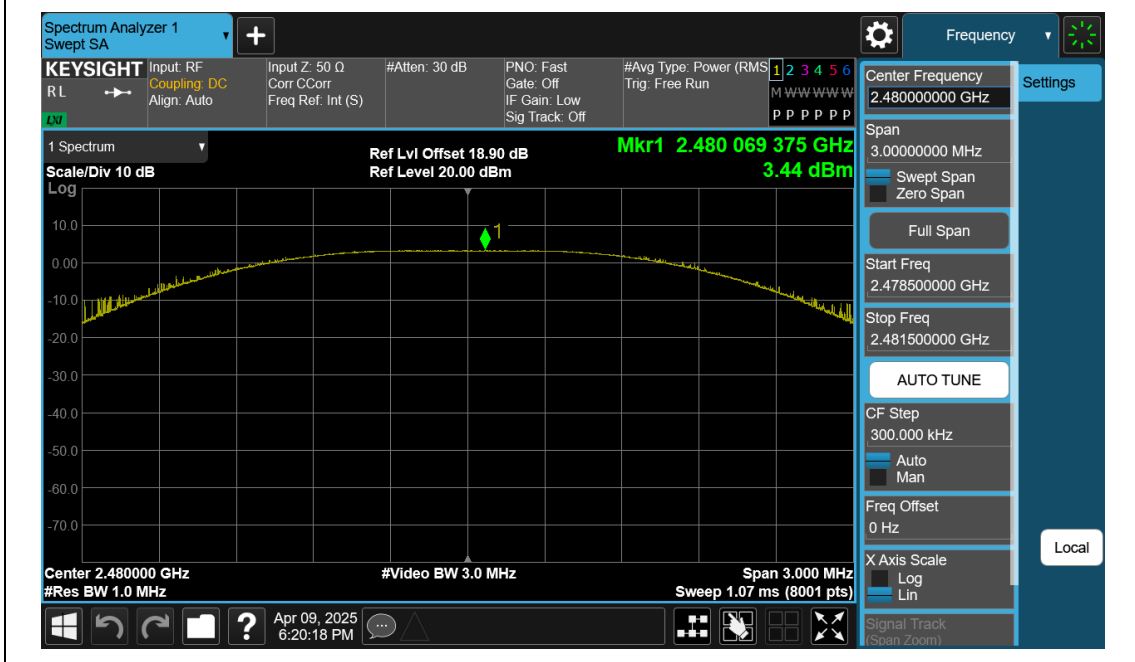
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.28	≤30	PASS
BLE_1M	Ant1	2440	4.26	≤30	PASS
BLE_1M	Ant1	2480	3.44	≤30	PASS
BLE_2M	Ant1	2402	3.35	≤30	PASS
BLE_2M	Ant1	2440	4.25	≤30	PASS
BLE_2M	Ant1	2480	3.56	≤30	PASS

Test Graphs Peak





BLE_1M-Ant1-2480-PASS



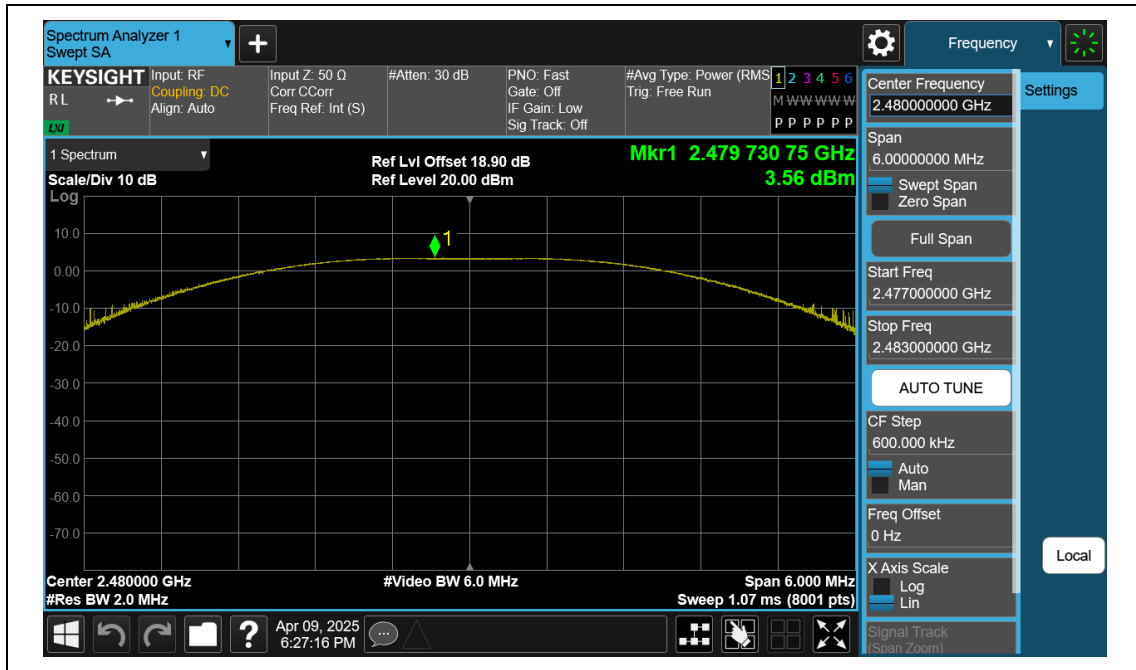
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS





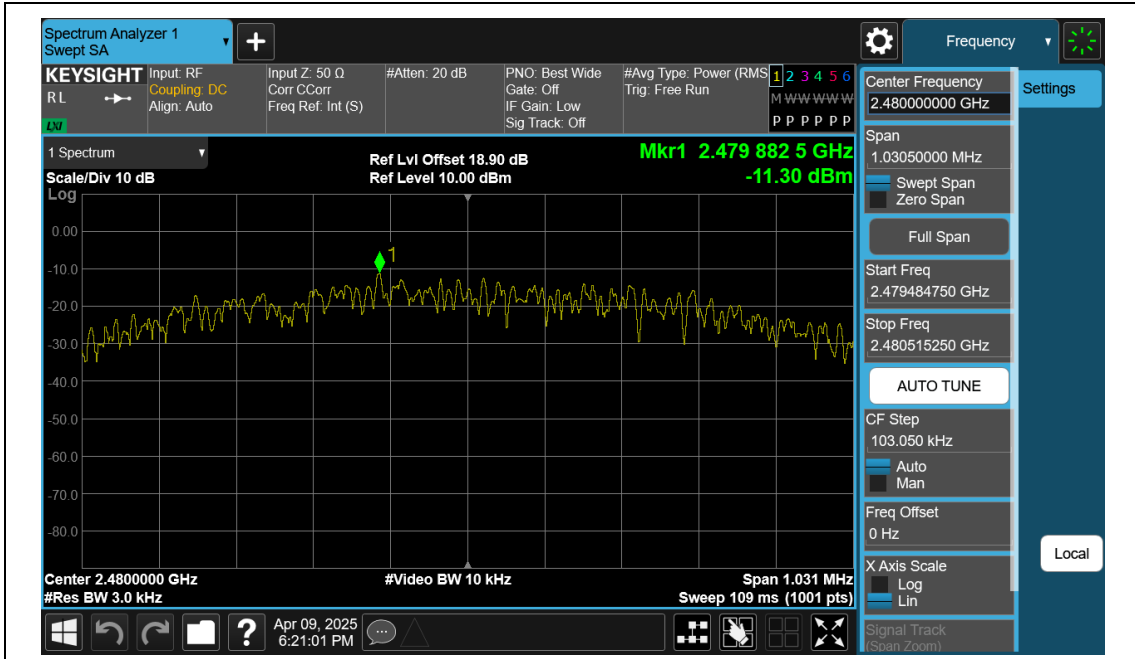
Appendix C: Maximum power spectral density

Test Result

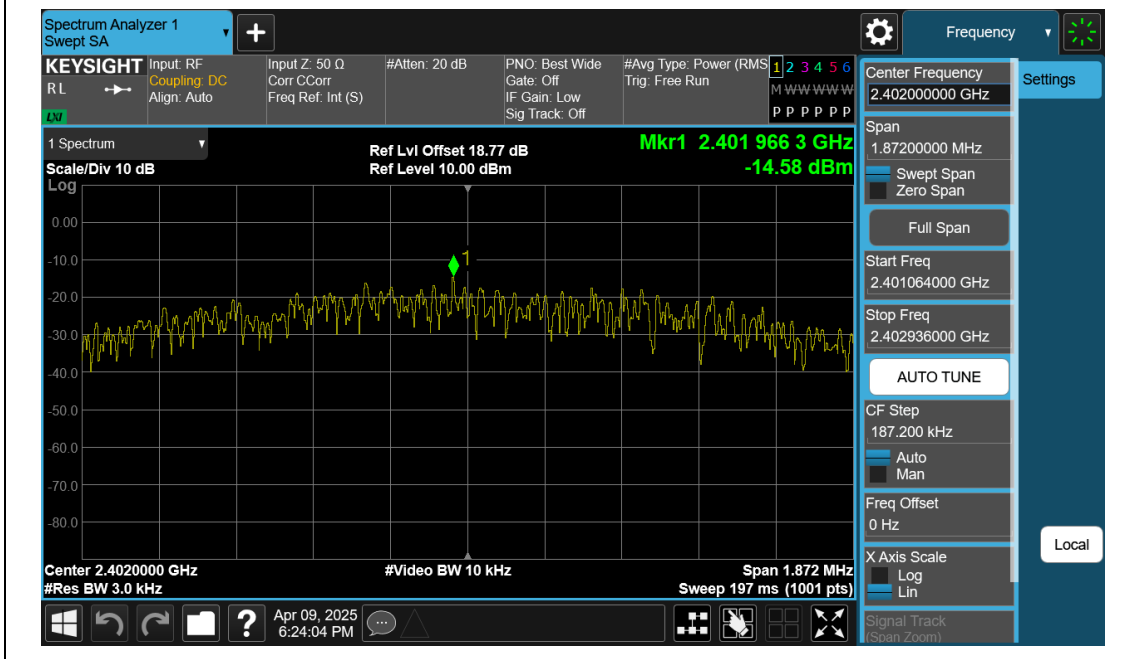
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.22	≤8.00	PASS
BLE_1M	Ant1	2440	-10.45	≤8.00	PASS
BLE_1M	Ant1	2480	-11.30	≤8.00	PASS
BLE_2M	Ant1	2402	-14.58	≤8.00	PASS
BLE_2M	Ant1	2440	-13.86	≤8.00	PASS
BLE_2M	Ant1	2480	-14.78	≤8.00	PASS

Test Graphs

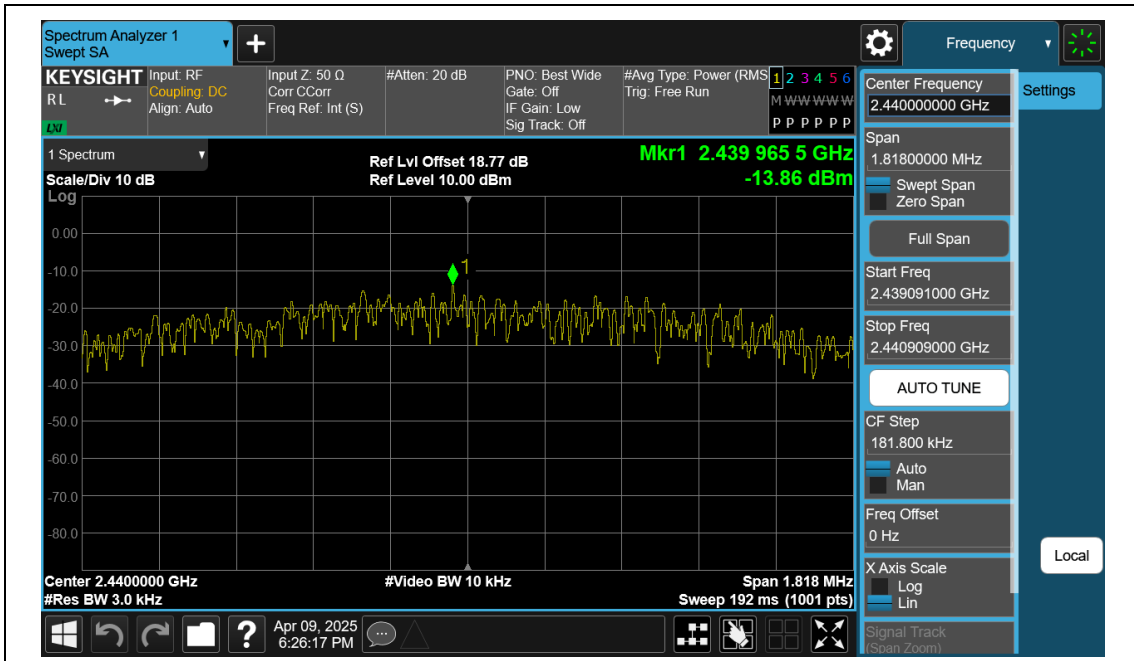




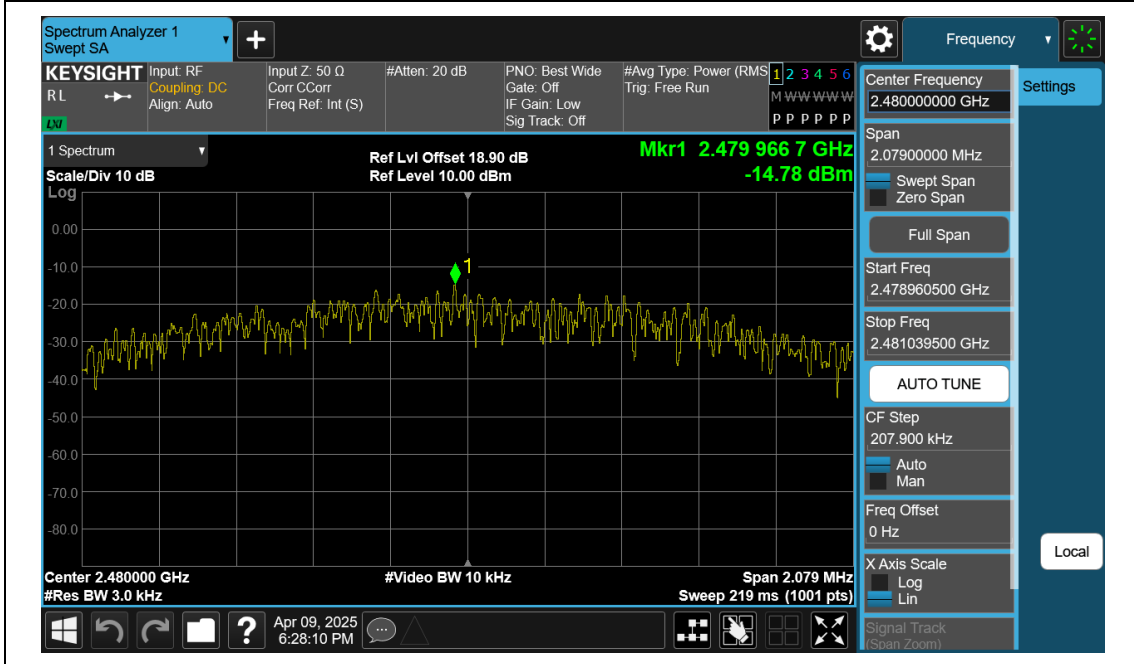
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.01	2.51
BLE_1M	Ant1	2440	2440.01	3.28
BLE_1M	Ant1	2480	2480.01	2.29
BLE_2M	Ant1	2402	2401.99	1.87
BLE_2M	Ant1	2440	2440.00	2.69
BLE_2M	Ant1	2480	2480.01	1.83

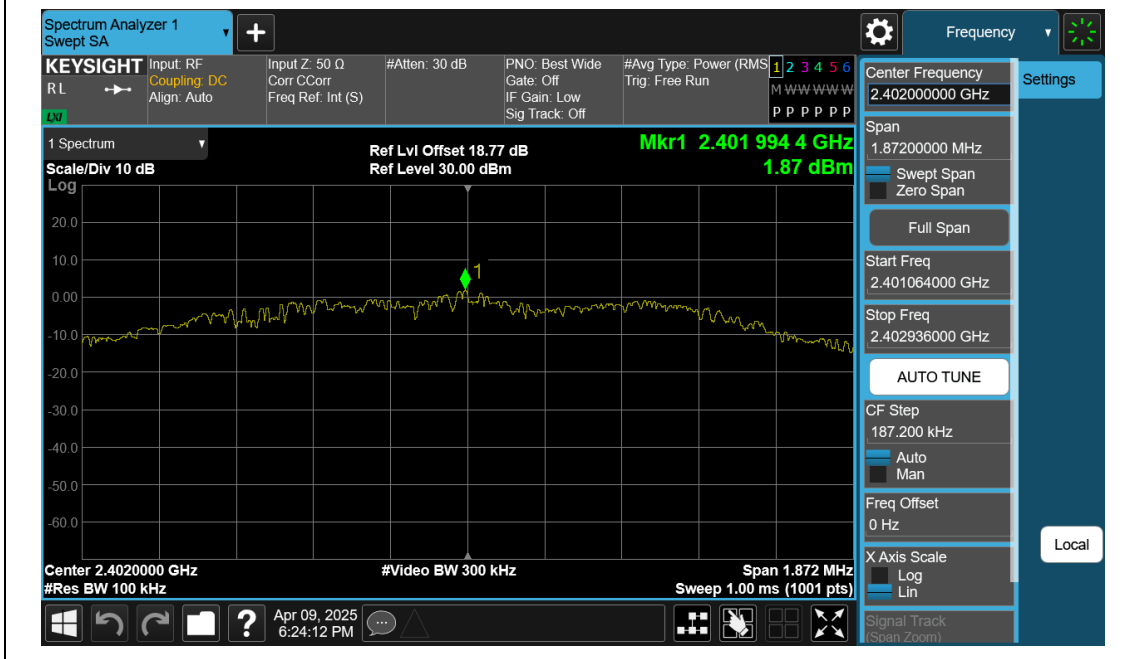
Test Graphs



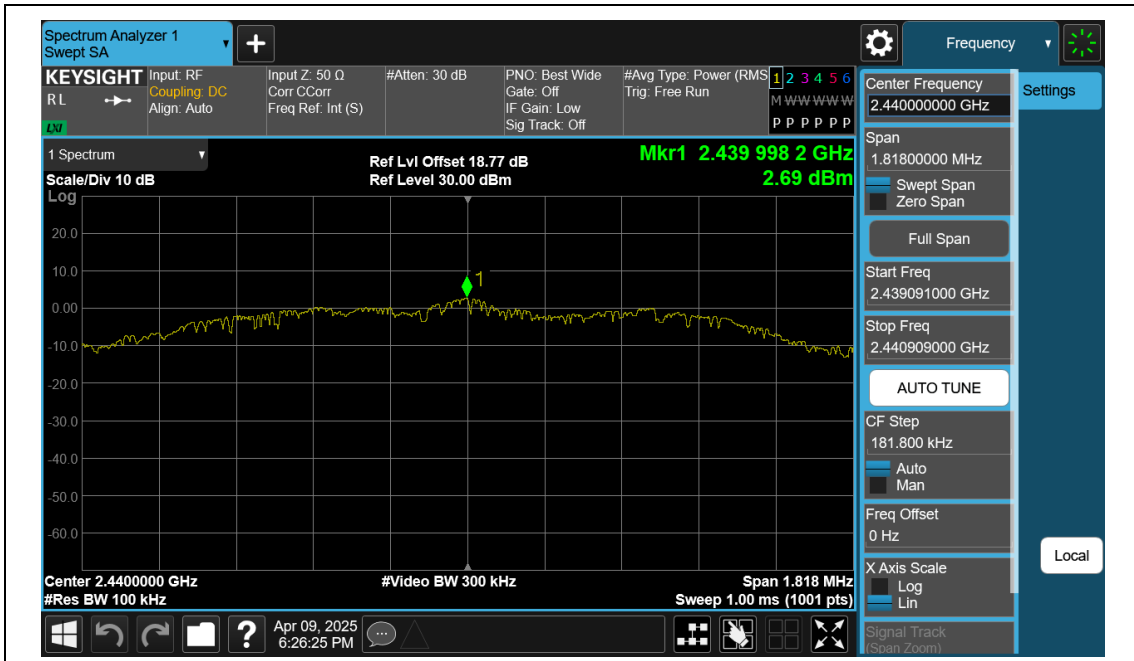
BLE_1M-Ant1-2480-PASS



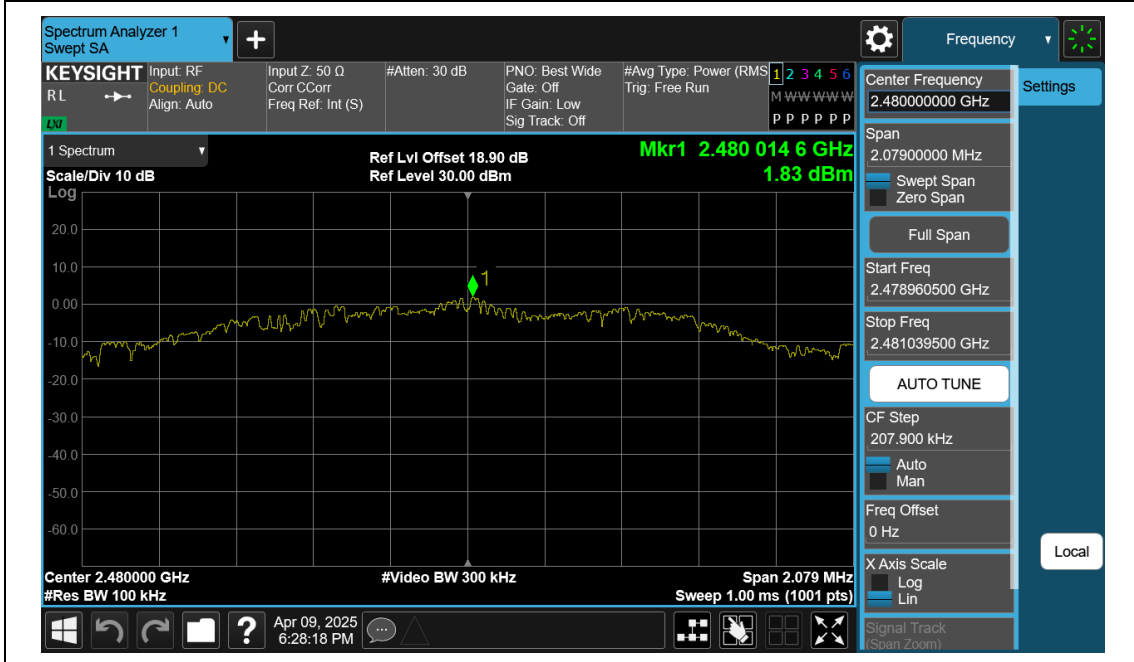
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

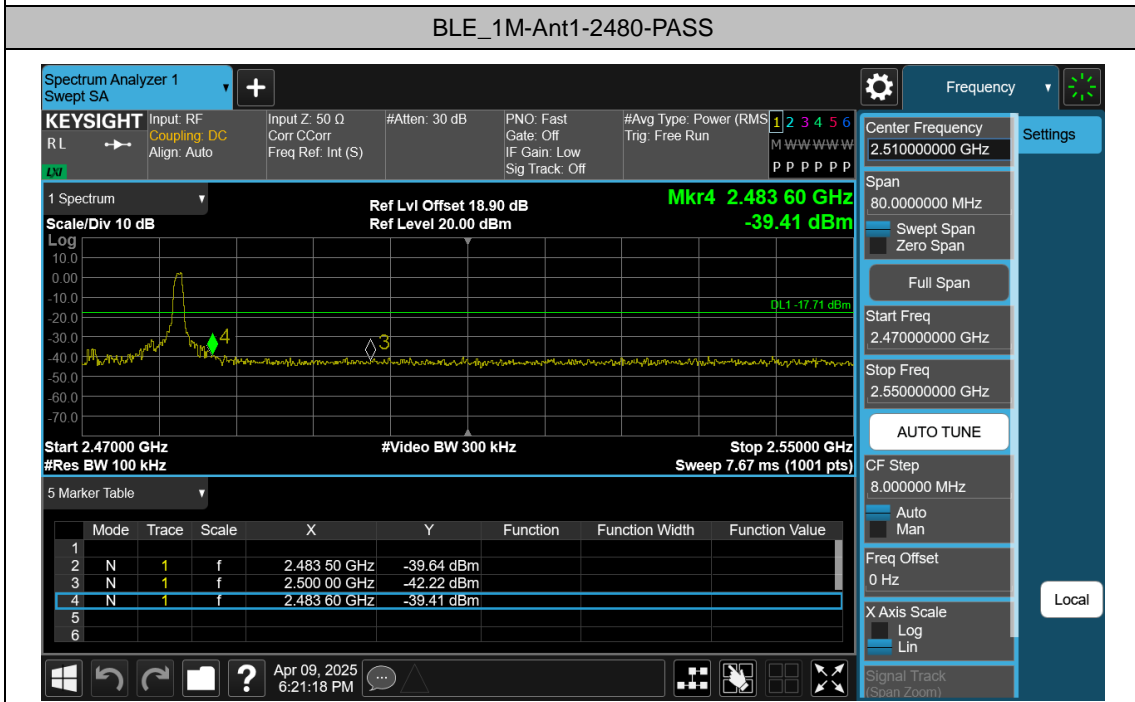
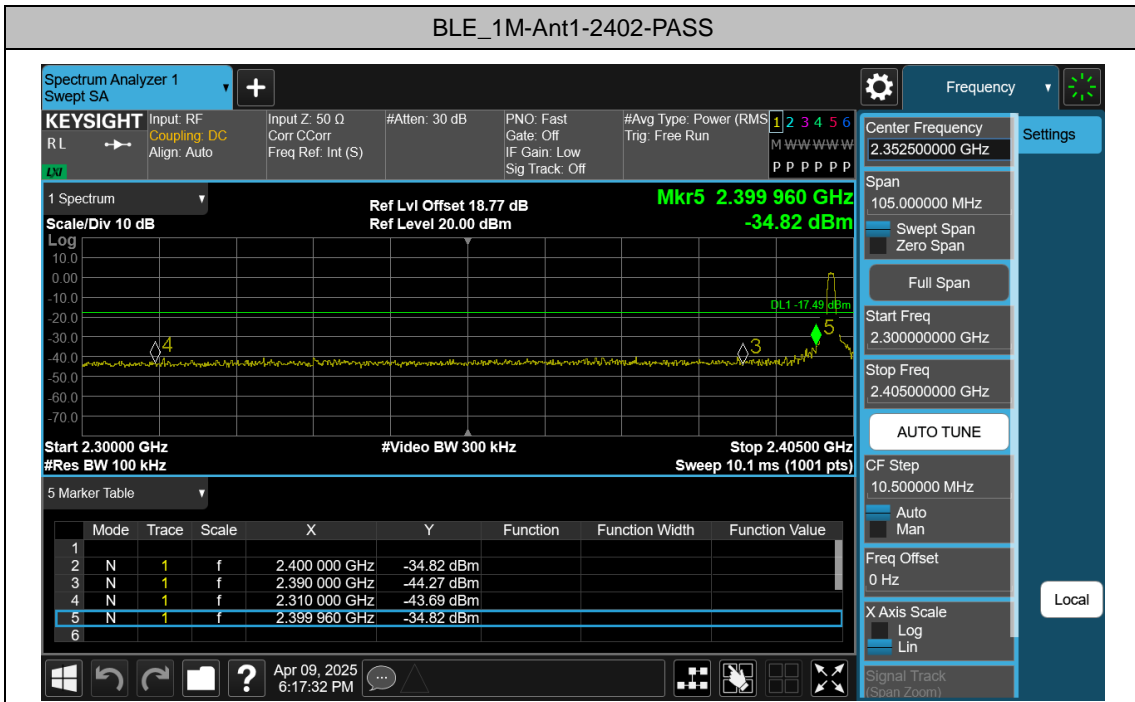


Appendix E: Band edge measurements

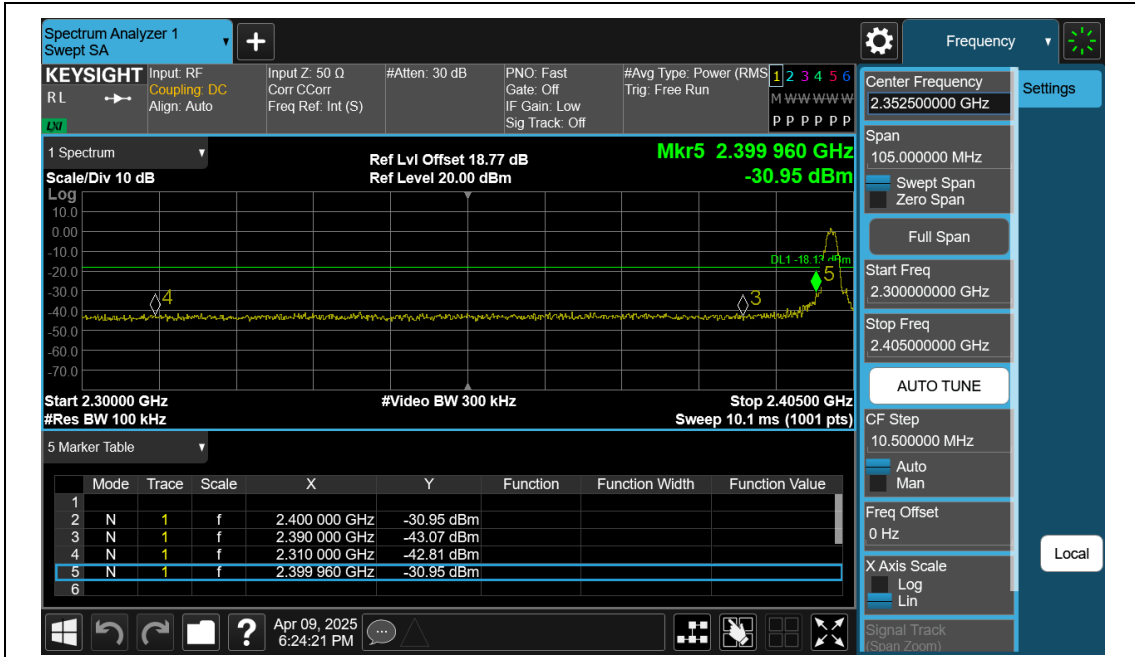
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.51	-34.82	≤-17.49	PASS
BLE_1M	Ant1	High	2480	2.29	-39.41	≤-17.71	PASS
BLE_2M	Ant1	Low	2402	1.87	-30.95	≤-18.13	PASS
BLE_2M	Ant1	High	2480	1.83	-37.35	≤-18.17	PASS

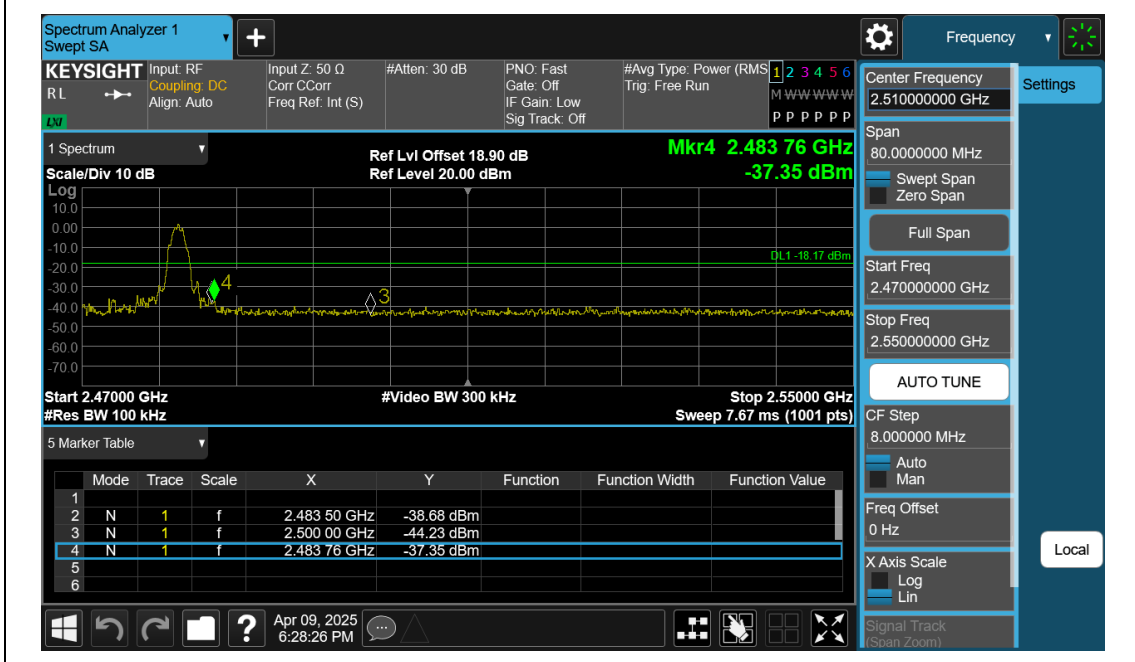
Test Graphs



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2480-PASS

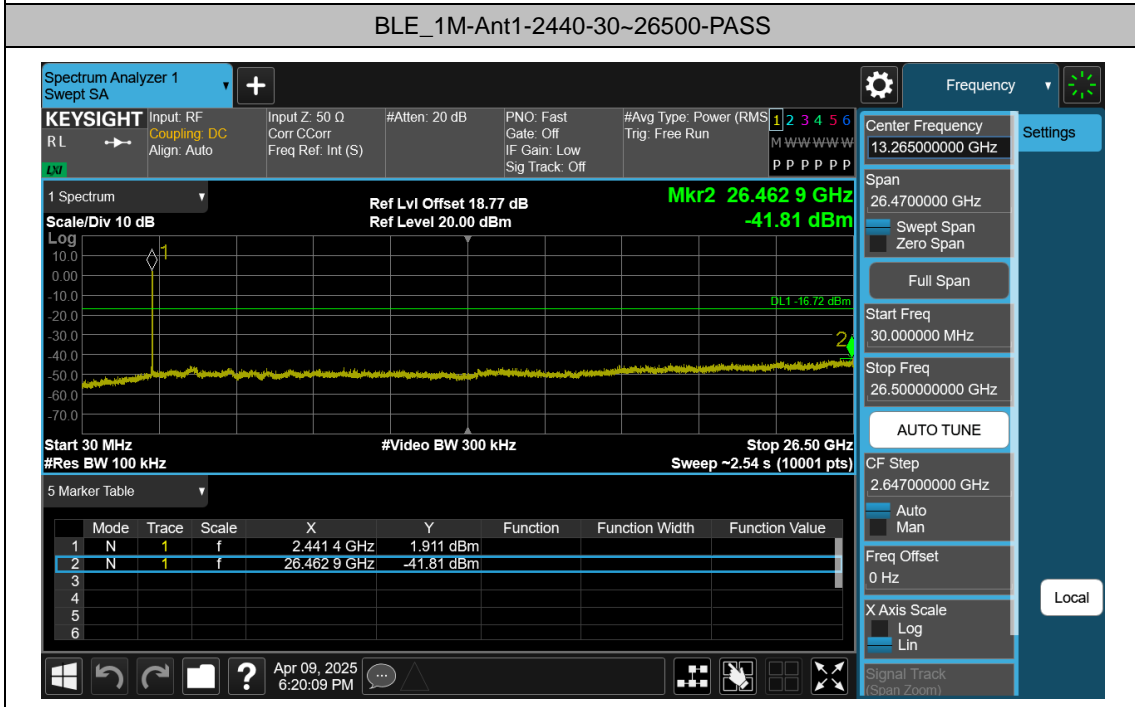
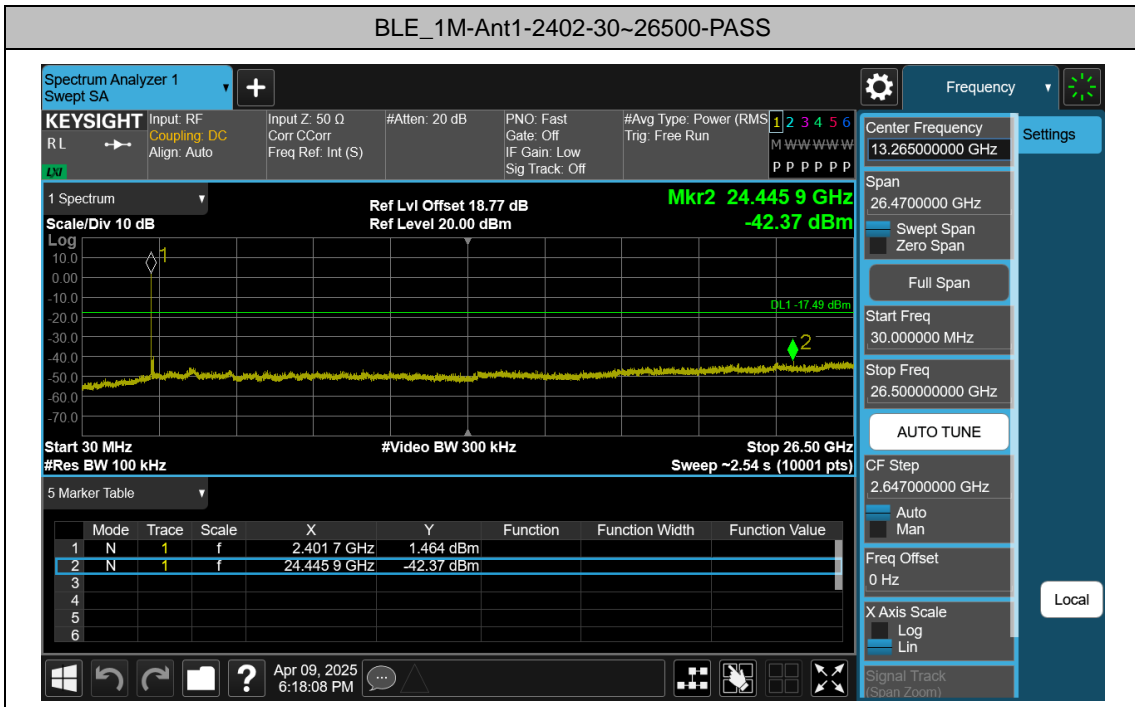


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	2.51	-42.37	≤-17.49	PASS
BLE_1M	Ant1	2440	30~26500	3.28	-41.81	≤-16.72	PASS
BLE_1M	Ant1	2480	30~26500	2.29	-41.35	≤-17.71	PASS
BLE_2M	Ant1	2402	30~26500	1.87	-42.56	≤-18.13	PASS
BLE_2M	Ant1	2440	30~26500	2.69	-41.09	≤-17.31	PASS
BLE_2M	Ant1	2480	30~26500	1.83	-41.95	≤-18.17	PASS

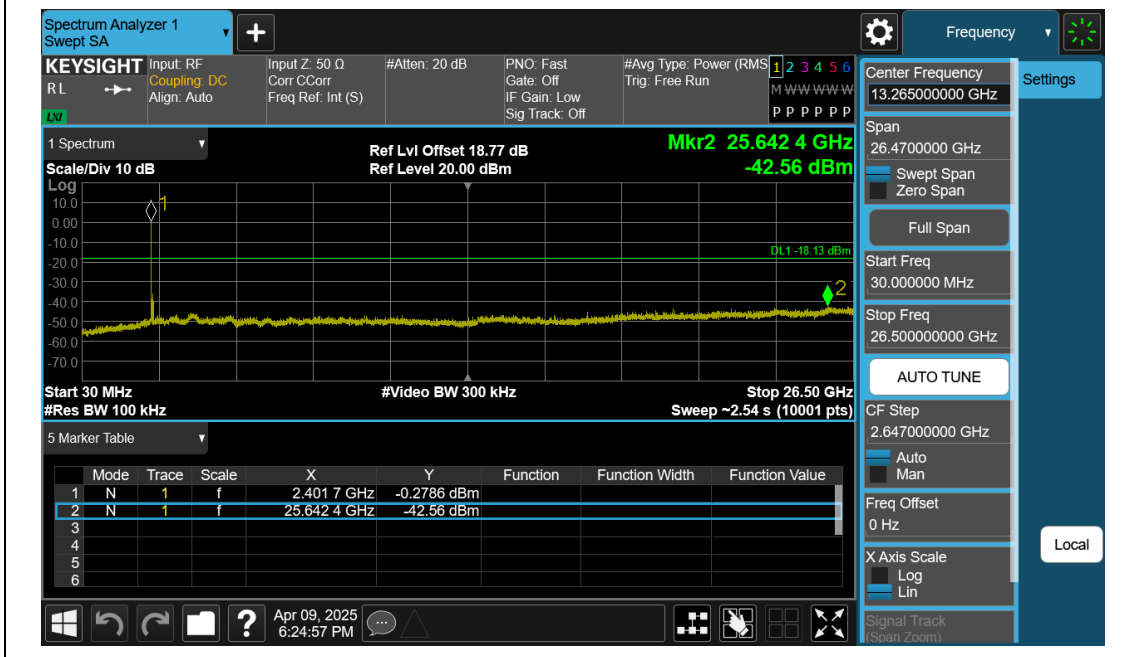
Test Graphs



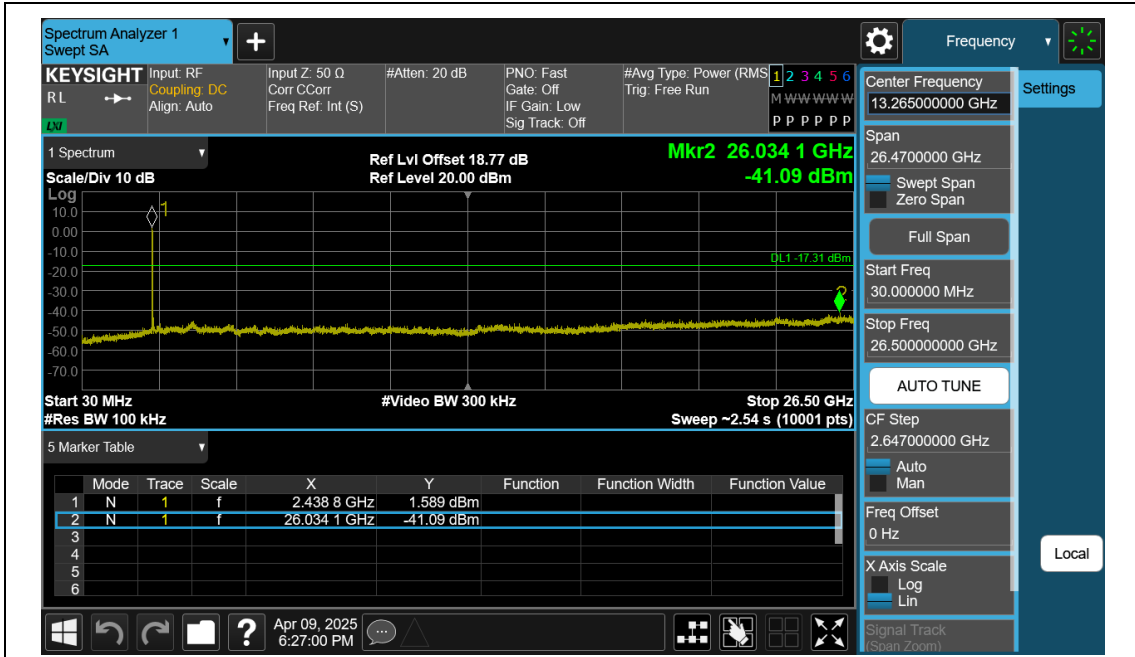
BLE_1M-Ant1-2480-30~26500-PASS



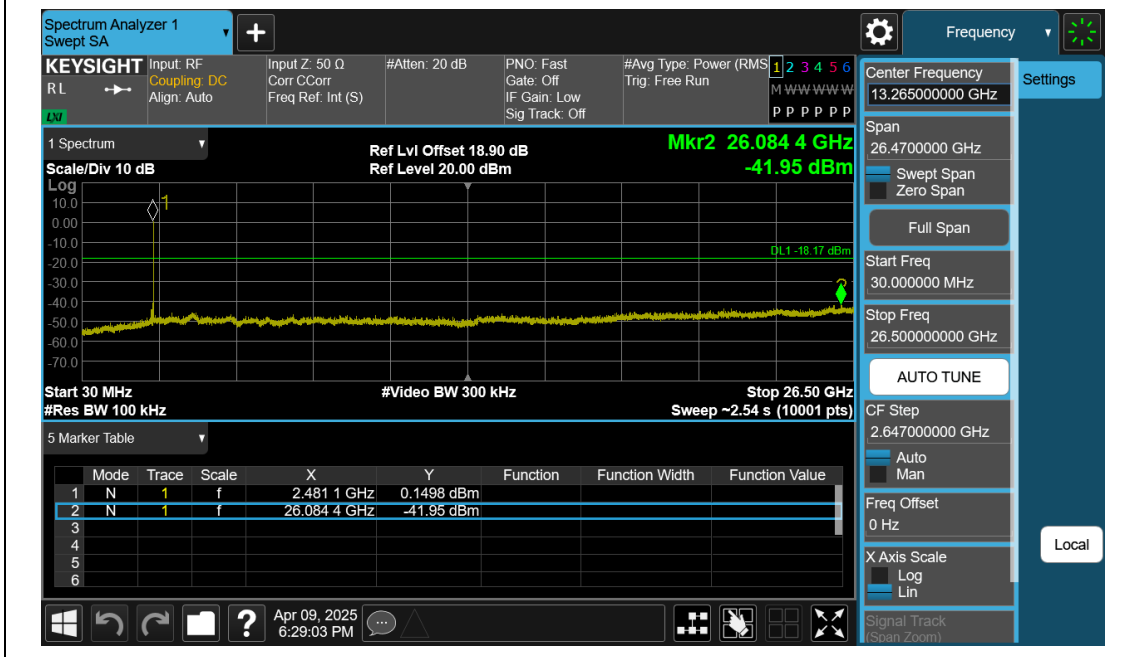
BLE_2M-Ant1-2402-30~26500-PASS



BLE_2M-Ant1-2440-30~26500-PASS



BLE_2M-Ant1-2480-30~26500-PASS





Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	0.33	0.62	53.23	2.74
BLE_2M	Ant1	2440	0.16	0.62	25.81	5.88

Test Graphs

