

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.660	2402.336	0.5	PASS
		2440	0.672	2439.668	2440.340	0.5	PASS
		2480	0.672	2479.660	2480.332	0.5	PASS
BLE_2M	Ant1	2402	1.132	2401.440	2402.572	0.5	PASS
		2440	1.136	2439.440	2440.576	0.5	PASS
		2480	1.136	2479.444	2480.580	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0408	2401.4888	2402.5280	---	---
		2440	1.0425	2439.4872	2440.5289	---	---
		2480	1.0422	2479.4882	2480.5291	---	---
BLE_2M	Ant1	2402	2.0707	2400.9785	2403.0486	---	---
		2440	2.0714	2438.9773	2441.0485	---	---
		2480	2.0713	2478.9782	2481.0489	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

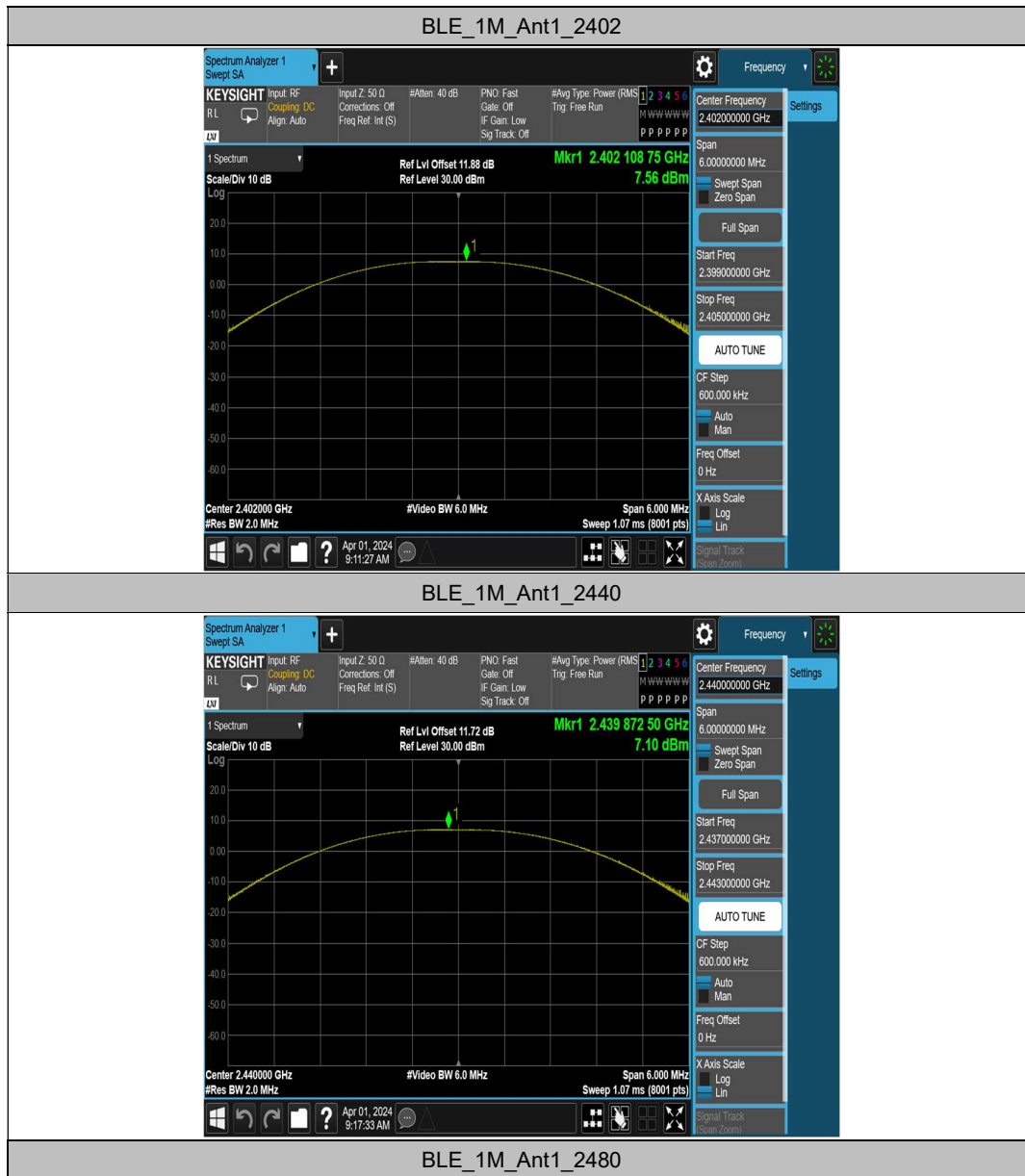


Appendix C: Maximum conducted output power

Test Result Peak

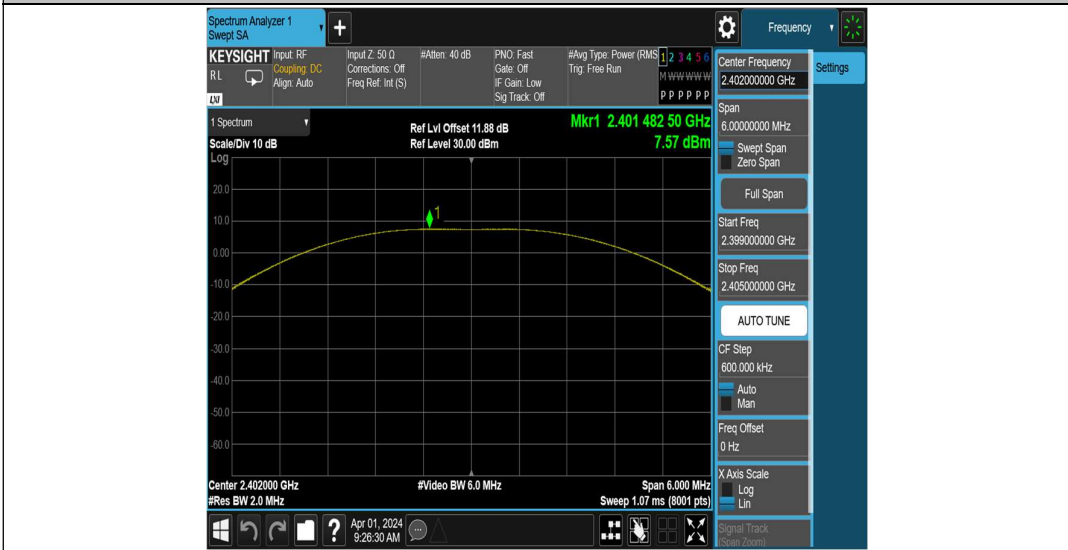
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.56	≤30	9.71	≤36	PASS
		2440	7.10	≤30	9.25	≤36	PASS
		2480	6.41	≤30	8.56	≤36	PASS
BLE_2M	Ant1	2402	7.57	≤30	9.72	≤36	PASS
		2440	7.18	≤30	9.33	≤36	PASS
		2480	6.43	≤30	8.58	≤36	PASS

Test Graphs Peak

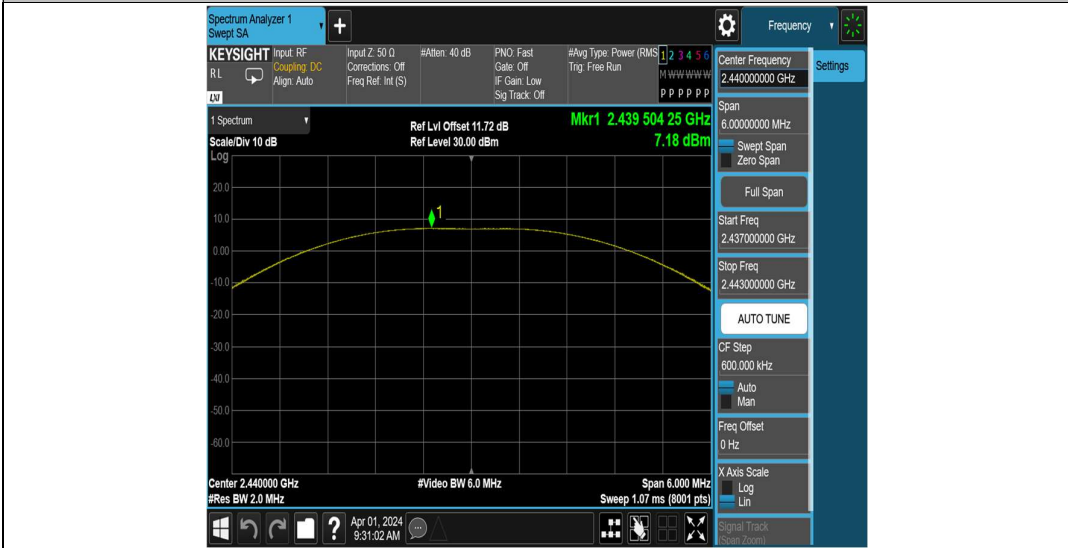




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

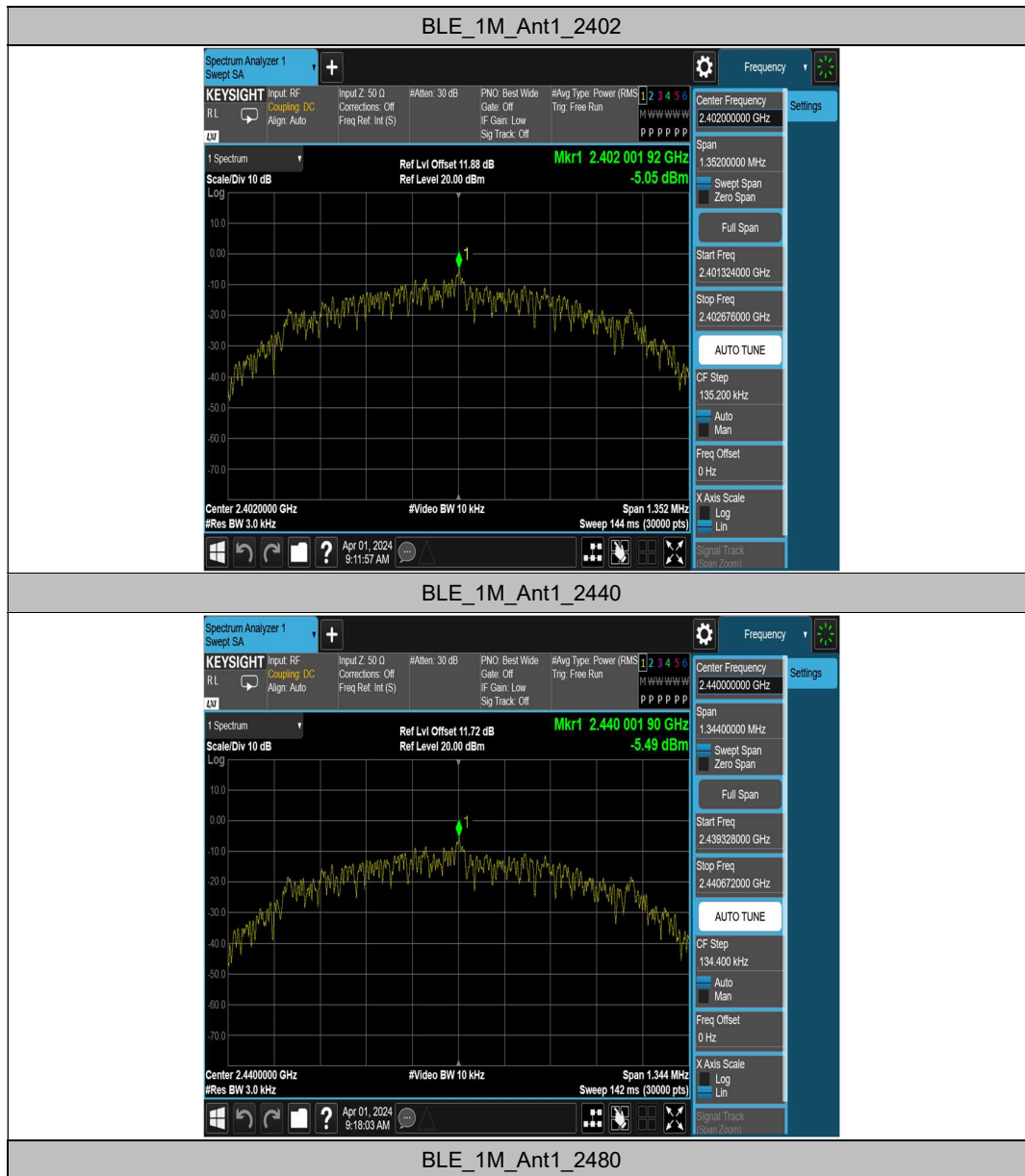


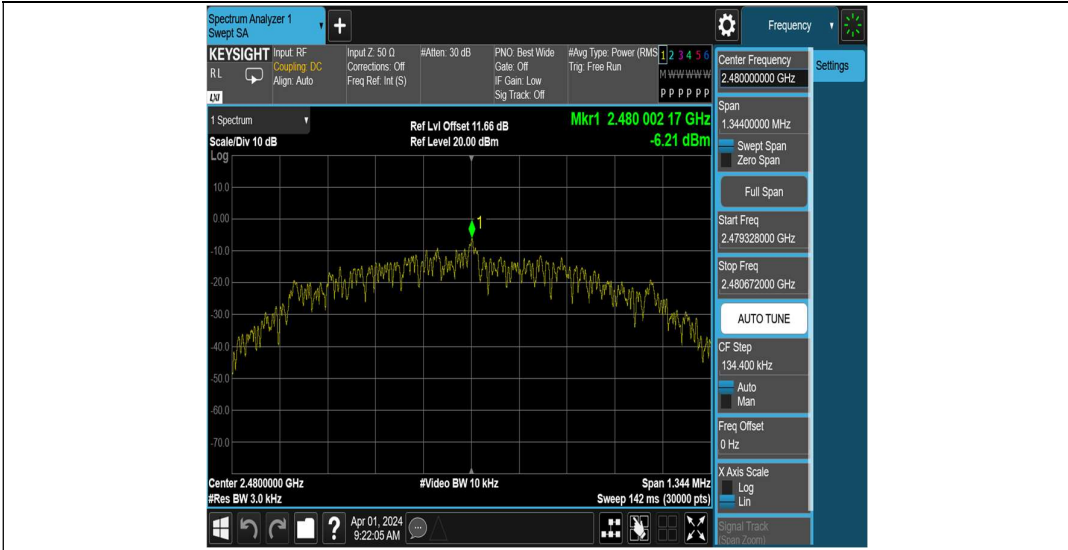
Appendix D: Maximum power spectral density

Test Result

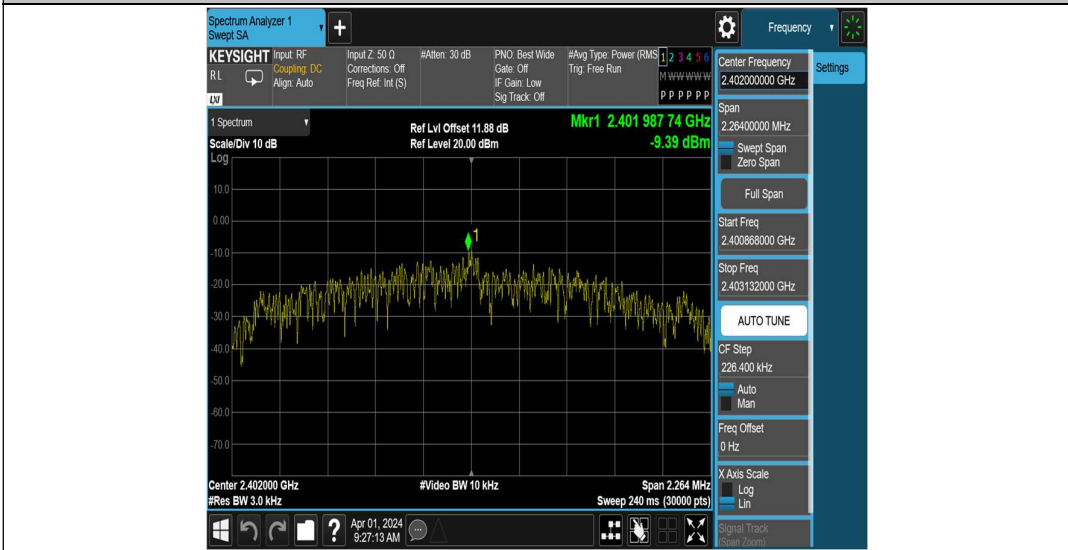
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-5.05	≤8.00	PASS
		2440	-5.49	≤8.00	PASS
		2480	-6.21	≤8.00	PASS
BLE_2M	Ant1	2402	-9.39	≤8.00	PASS
		2440	-9.73	≤8.00	PASS
		2480	-10.58	≤8.00	PASS

Test Graphs

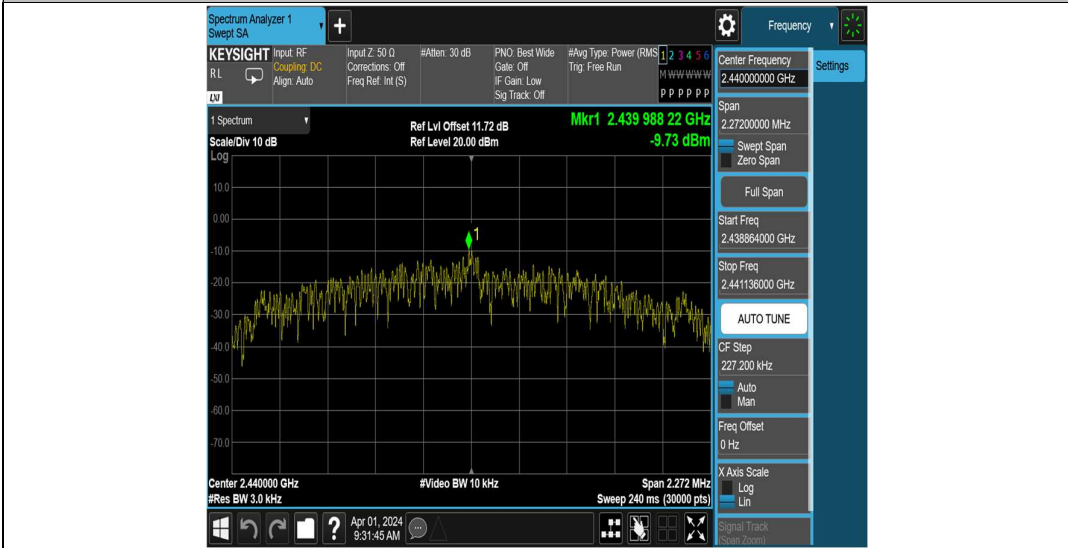




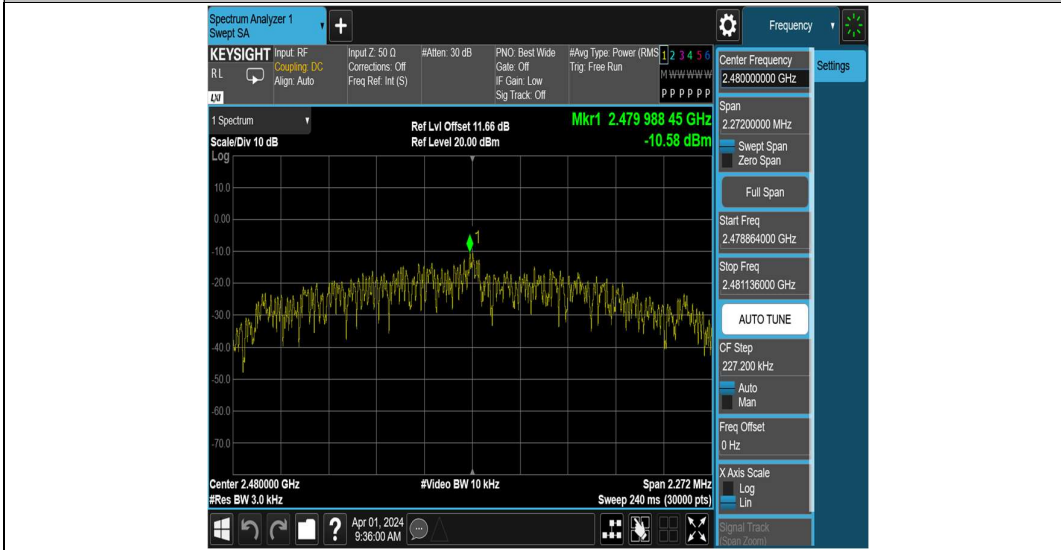
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

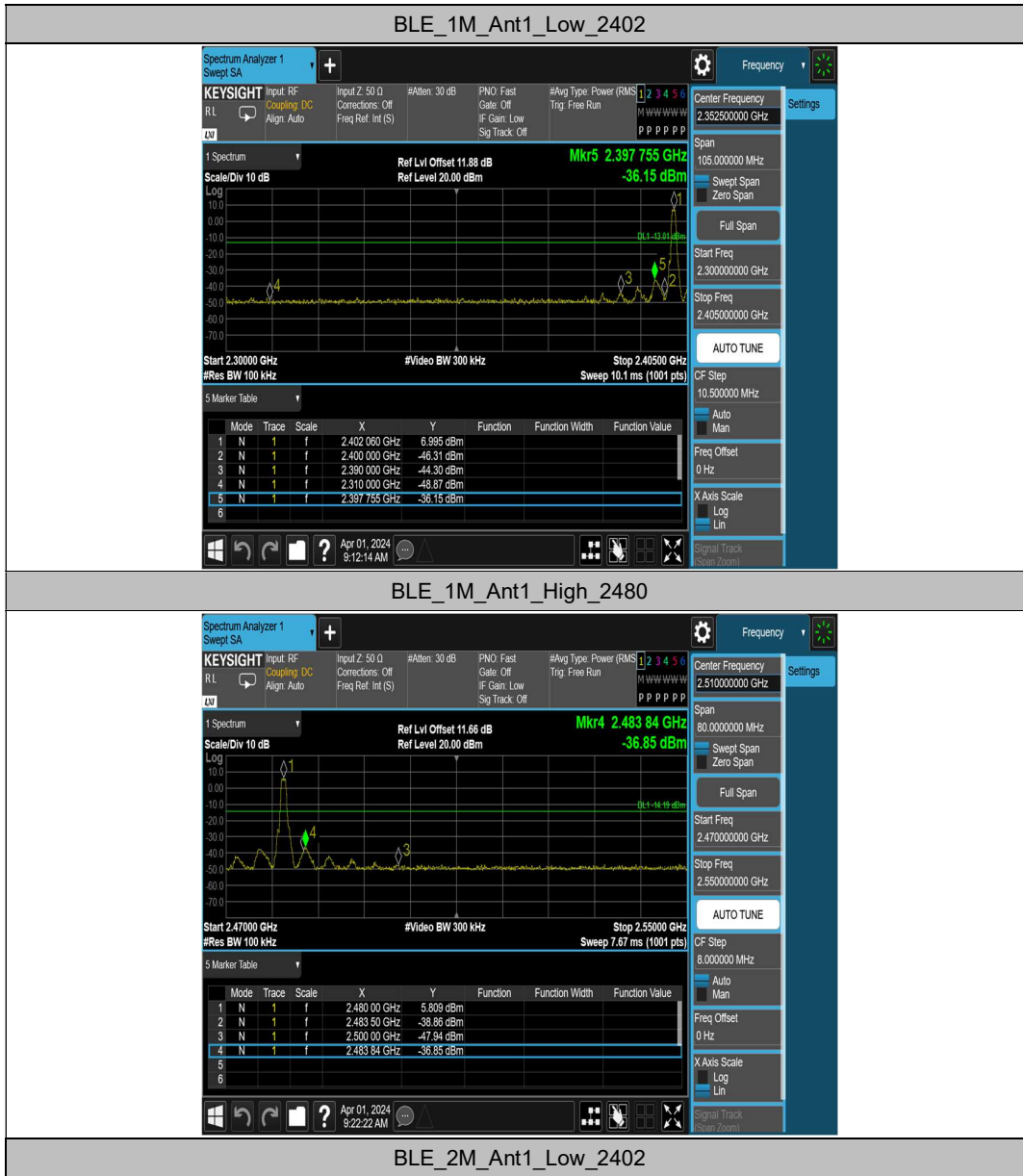


Appendix E: Band edge measurements

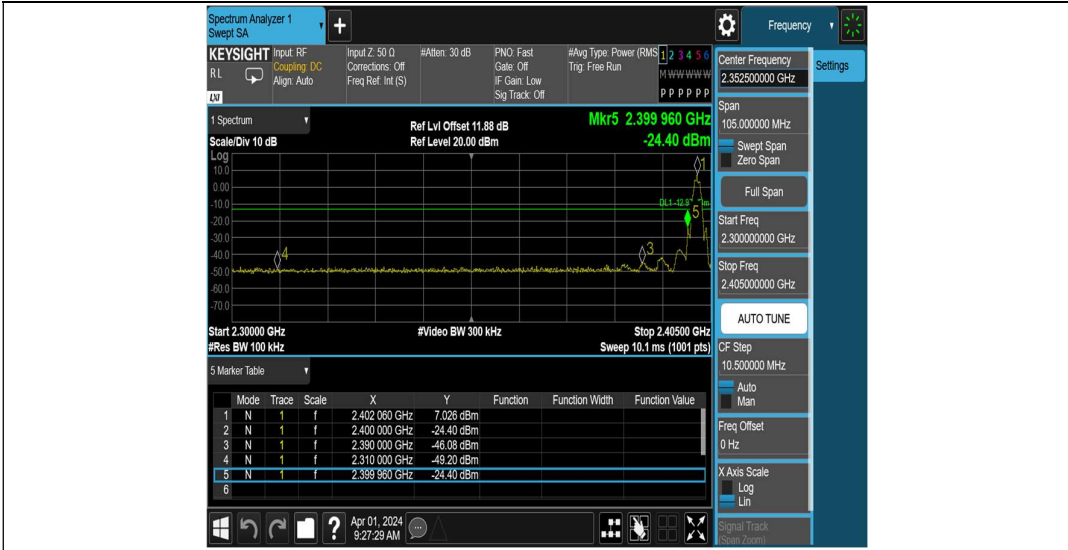
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.00	-36.15	≤-13.01	PASS
		High	2480	5.81	-36.85	≤-14.19	PASS
BLE_2M	Ant1	Low	2402	7.03	-24.4	≤-12.97	PASS
		High	2480	5.85	-37.36	≤-14.15	PASS

Test Graphs



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	6.98	6.98	---	PASS
			30~1000	6.98	-54.17	≤-13.02	PASS
			1000~26500	6.98	-50.22	≤-13.02	PASS
		2440	Reference	6.55	6.55	---	PASS
			30~1000	6.55	-54.41	≤-13.45	PASS
			1000~26500	6.55	-50.01	≤-13.45	PASS
		2480	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-54.8	≤-14.18	PASS
			1000~26500	5.82	-50.41	≤-14.18	PASS
BLE_2M	Ant1	2402	Reference	7.01	7.01	---	PASS
			30~1000	7.01	-52.64	≤-12.99	PASS
			1000~26500	7.01	-50.25	≤-12.99	PASS
		2440	Reference	6.59	6.59	---	PASS
			30~1000	6.59	-55.16	≤-13.41	PASS
			1000~26500	6.59	-50.41	≤-13.41	PASS
		2480	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-54.51	≤-14.18	PASS
			1000~26500	5.82	-50.16	≤-14.18	PASS