

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.624	2401.660	2402.284	0.5	PASS
		2440	0.624	2439.660	2440.284	0.5	PASS
		2480	0.660	2479.644	2480.304	0.5	PASS
BLE_2M	Ant1	2402	1.256	2401.320	2402.576	0.5	PASS
		2440	1.144	2439.404	2440.548	0.5	PASS
		2480	1.084	2479.432	2480.516	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	1.0293	2401.4589	2402.4882	---	---
		2440	1.0302	2439.4580	2440.4882	---	---
		2480	1.0187	2479.4674	2480.4861	---	---
BLE_2M	Ant1	2402	2.0631	2400.9596	2403.0227	---	---
		2440	2.0507	2438.9620	2441.0127	---	---
		2480	2.0350	2478.9693	2481.0043	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



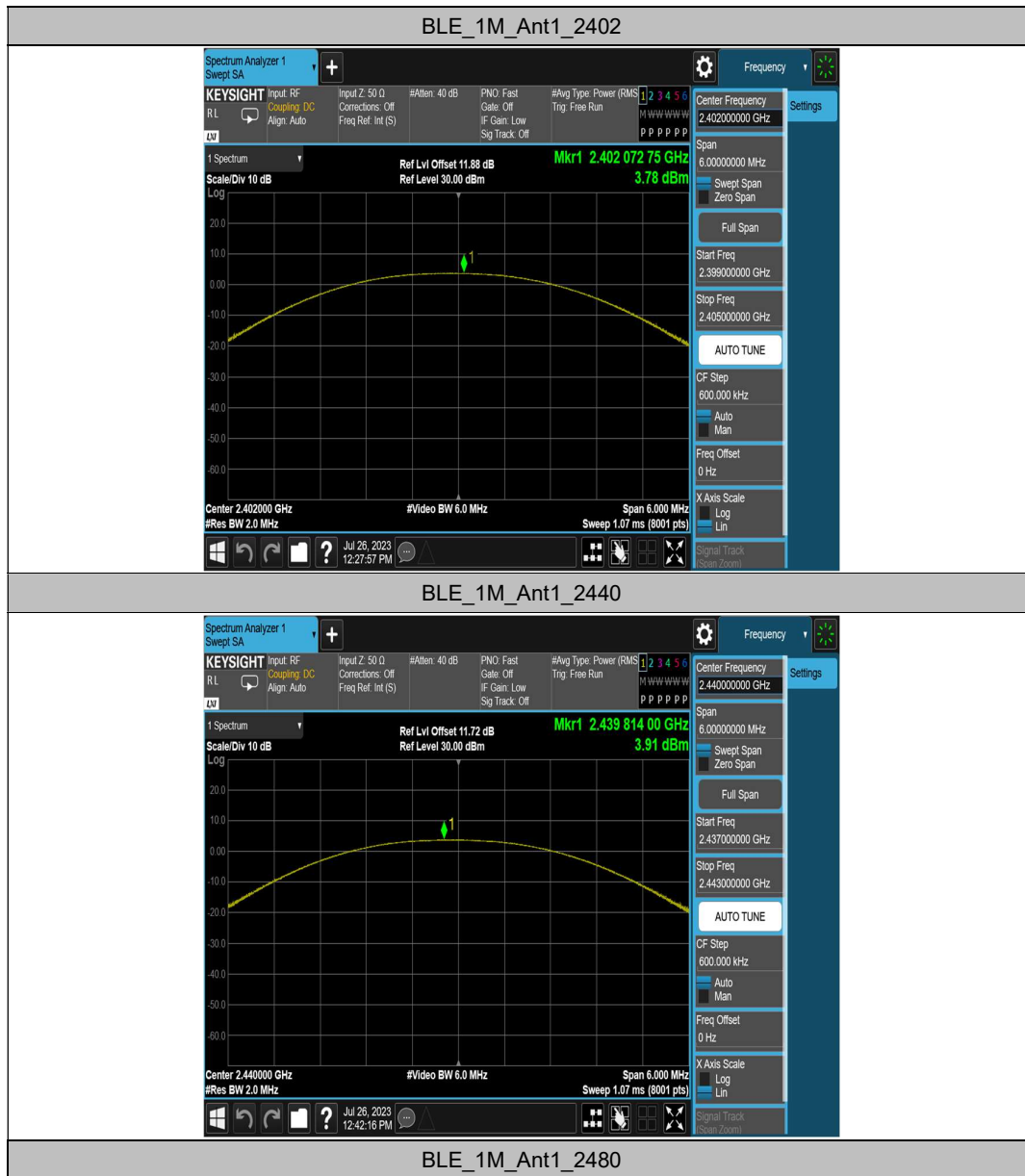


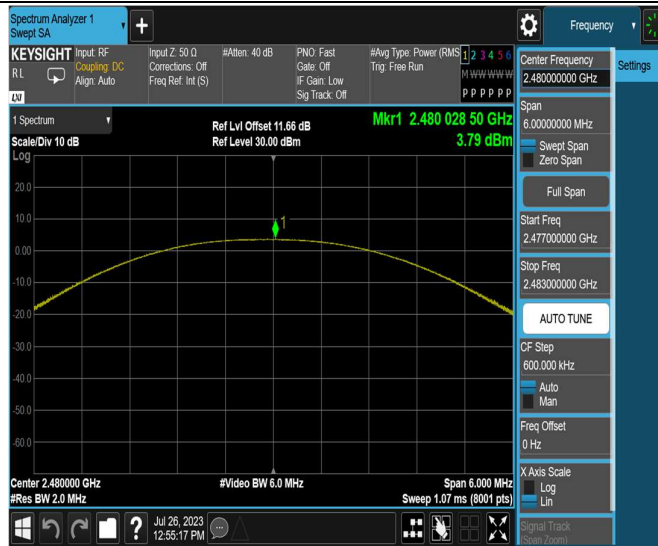
Appendix C: Maximum conducted output power

Test Result Peak

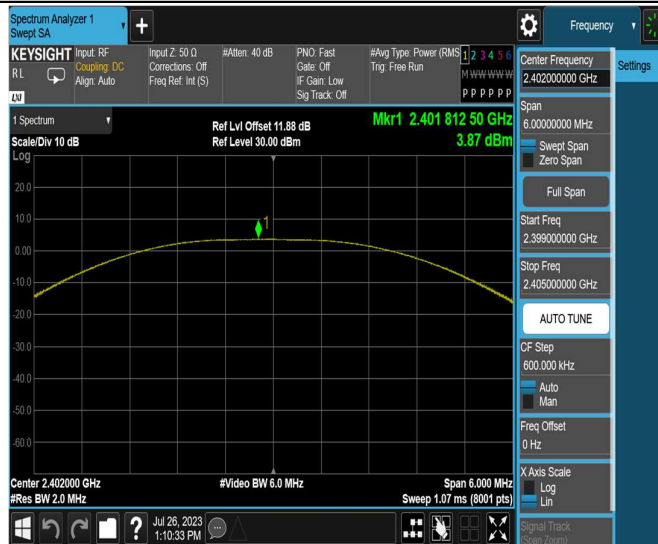
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.78	≤30	7.74	≤36	PASS
		2440	3.91	≤30	7.87	≤36	PASS
		2480	3.79	≤30	7.75	≤36	PASS
BLE_2M	Ant1	2402	3.87	≤30	7.83	≤36	PASS
		2440	3.93	≤30	7.89	≤36	PASS
		2480	3.87	≤30	7.83	≤36	PASS

Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

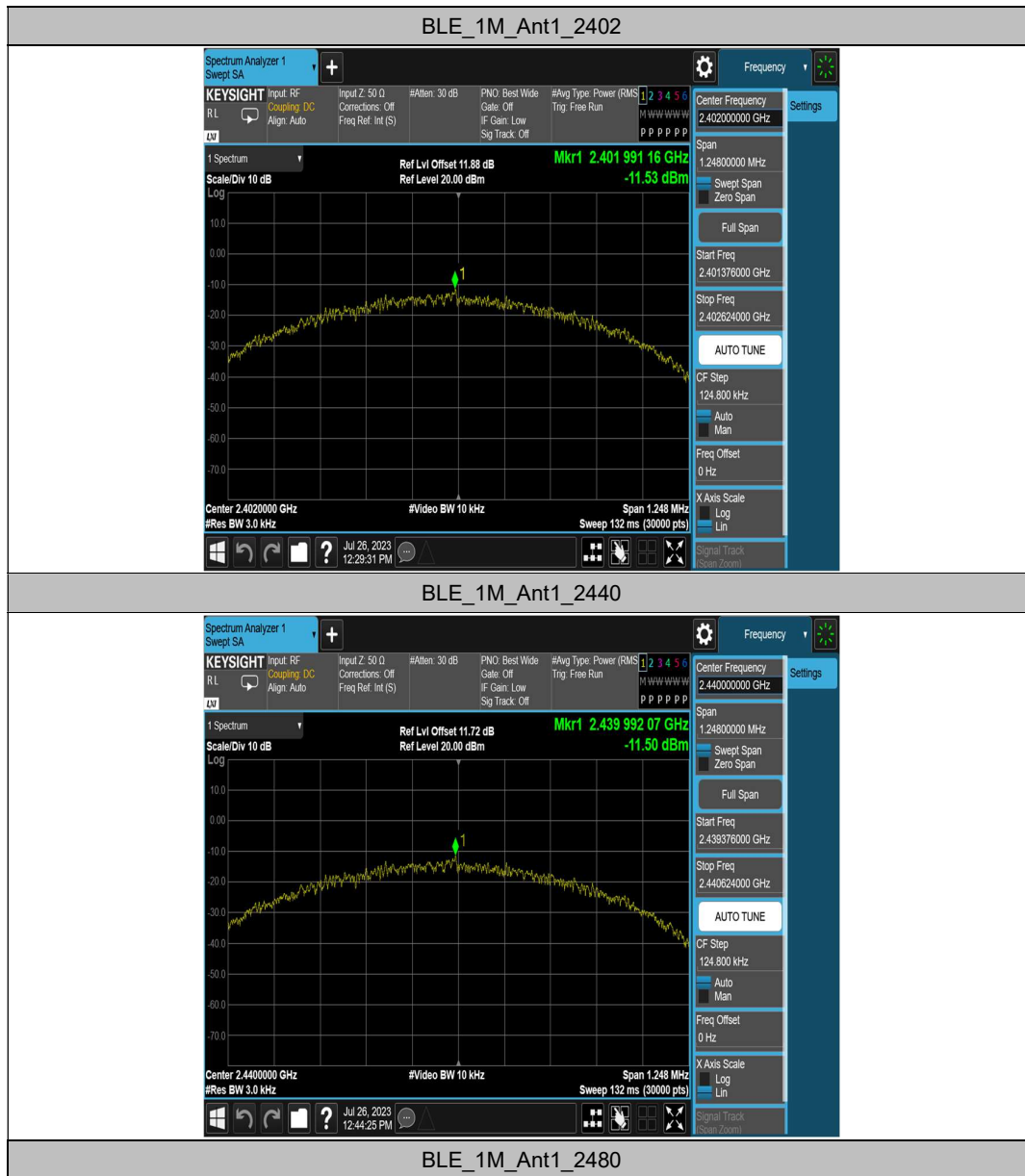


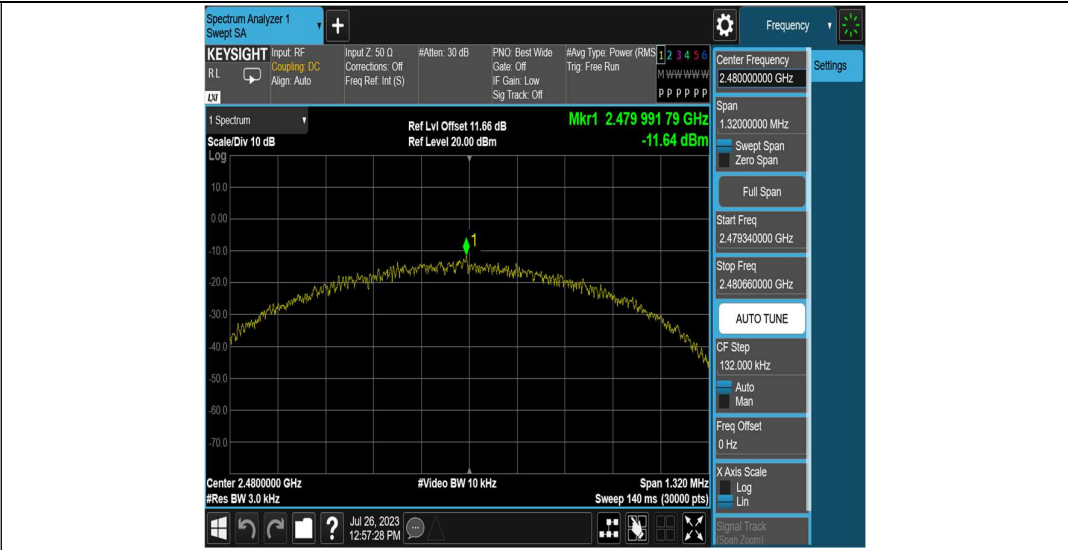
Appendix D: Maximum power spectral density

Test Result

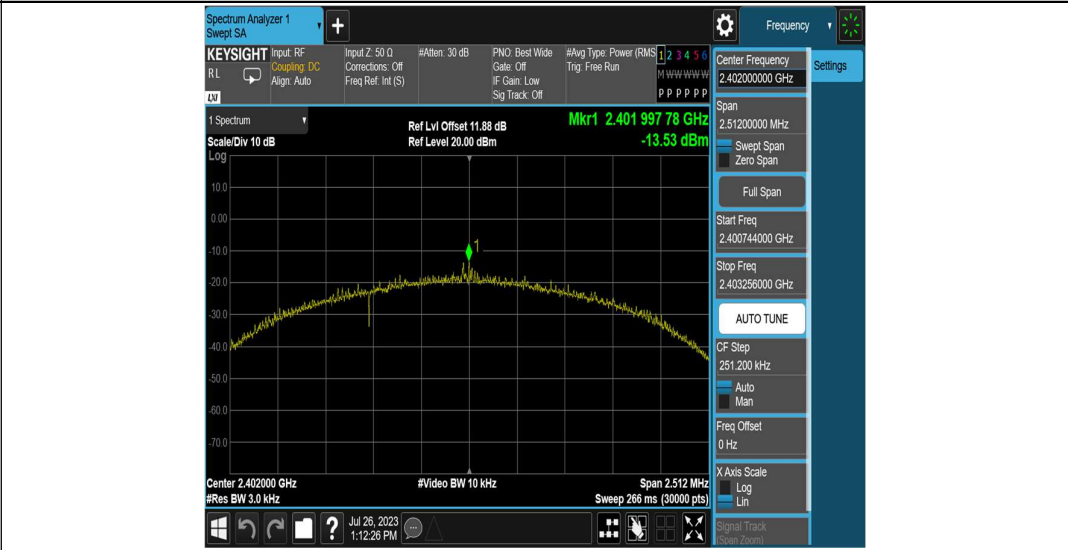
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.53	≤8.00	PASS
		2440	-11.5	≤8.00	PASS
		2480	-11.64	≤8.00	PASS
BLE_2M	Ant1	2402	-13.53	≤8.00	PASS
		2440	-13.46	≤8.00	PASS
		2480	-13.59	≤8.00	PASS

Test Graphs

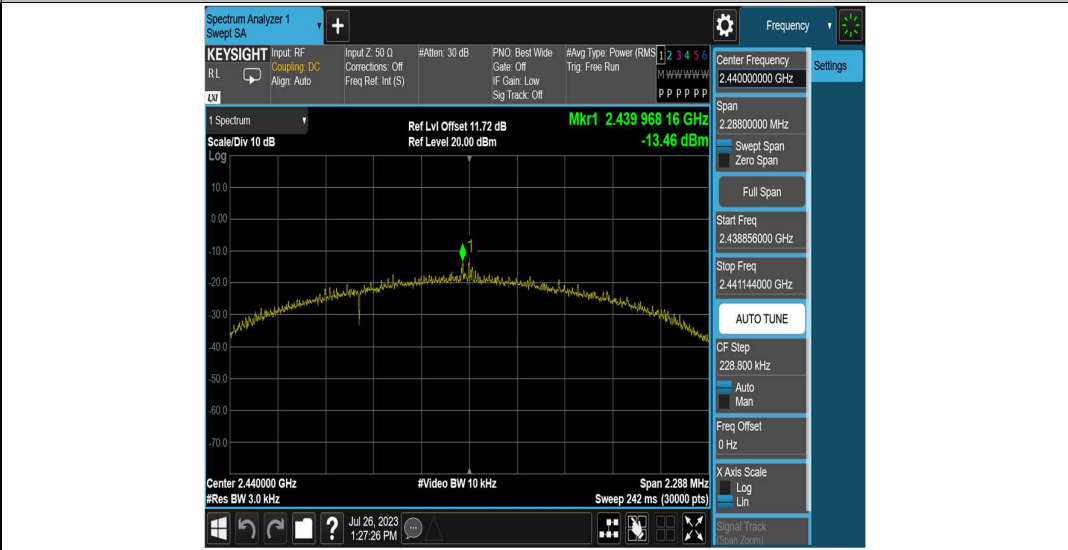




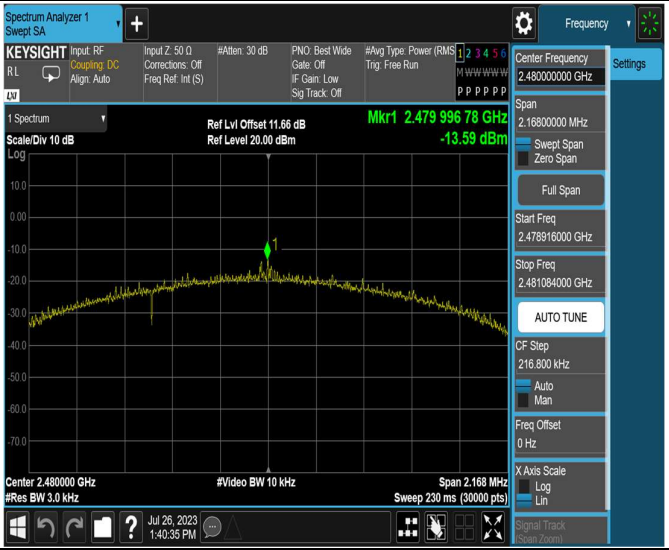
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



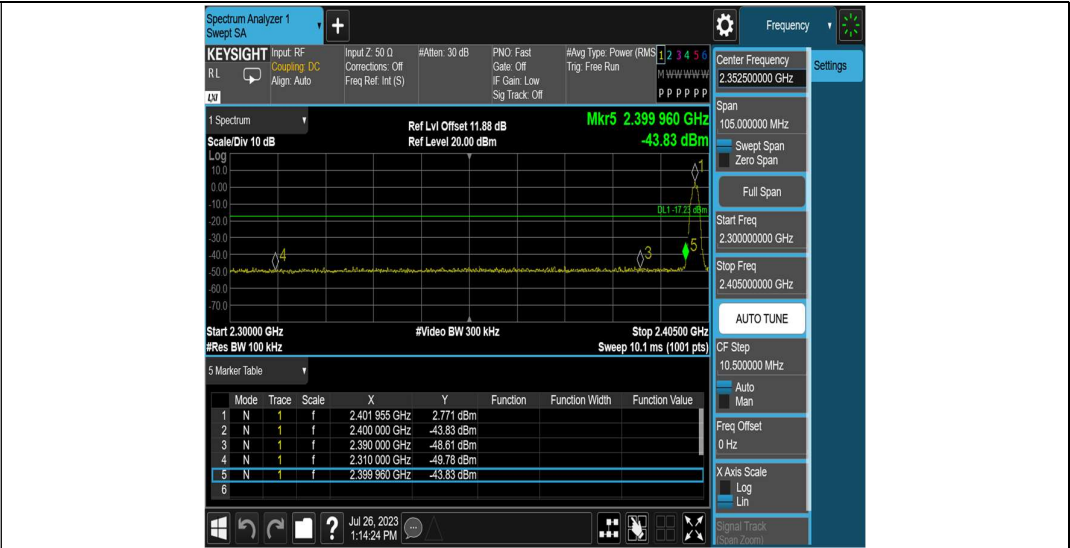
Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	3.80	-46.18	≤-16.2	PASS
		High	2480	3.42	-46.6	≤-16.58	PASS
BLE_2M	Ant1	Low	2402	2.77	-43.83	≤-17.23	PASS
		High	2480	3.82	-46.54	≤-16.18	PASS

Test Graphs





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	3.56	3.56	---	PASS
			30~1000	3.56	-58.74	≤-16.44	PASS
			1000~26500	3.56	-49.83	≤-16.44	PASS
		2440	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-58.31	≤-16.62	PASS
			1000~26500	3.38	-50	≤-16.62	PASS
		2480	Reference	3.27	3.27	---	PASS
			30~1000	3.27	-58.52	≤-16.73	PASS
			1000~26500	3.27	-50.15	≤-16.73	PASS
BLE_2M	Ant1	2402	Reference	3.61	3.61	---	PASS
			30~1000	3.61	-57.46	≤-16.39	PASS
			1000~26500	3.61	-50.34	≤-16.39	PASS
		2440	Reference	3.71	3.71	---	PASS
			30~1000	3.71	-58.28	≤-16.29	PASS
			1000~26500	3.71	-50.36	≤-16.29	PASS
		2480	Reference	3.64	3.64	---	PASS
			30~1000	3.64	-58.68	≤-16.36	PASS
			1000~26500	3.64	-50.35	≤-16.36	PASS