

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.644	2402.336	0.5	PASS
		2440	0.696	2439.656	2440.352	0.5	PASS
		2480	0.728	2479.616	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.192	2401.400	2402.592	0.5	PASS
		2440	1.256	2439.400	2440.656	0.5	PASS
		2480	1.176	2479.412	2480.588	0.5	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0589	2401.4716	2402.5305	---	---
		2440	1.0540	2439.4781	2440.5321	---	---
		2480	1.0709	2479.4648	2480.5357	---	---
BLE_2M	Ant1	2402	2.1346	2400.9367	2403.0713	---	---
		2440	2.1369	2438.9349	2441.0718	---	---
		2480	2.1465	2478.9287	2481.0752	---	---

Test Graphs





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440

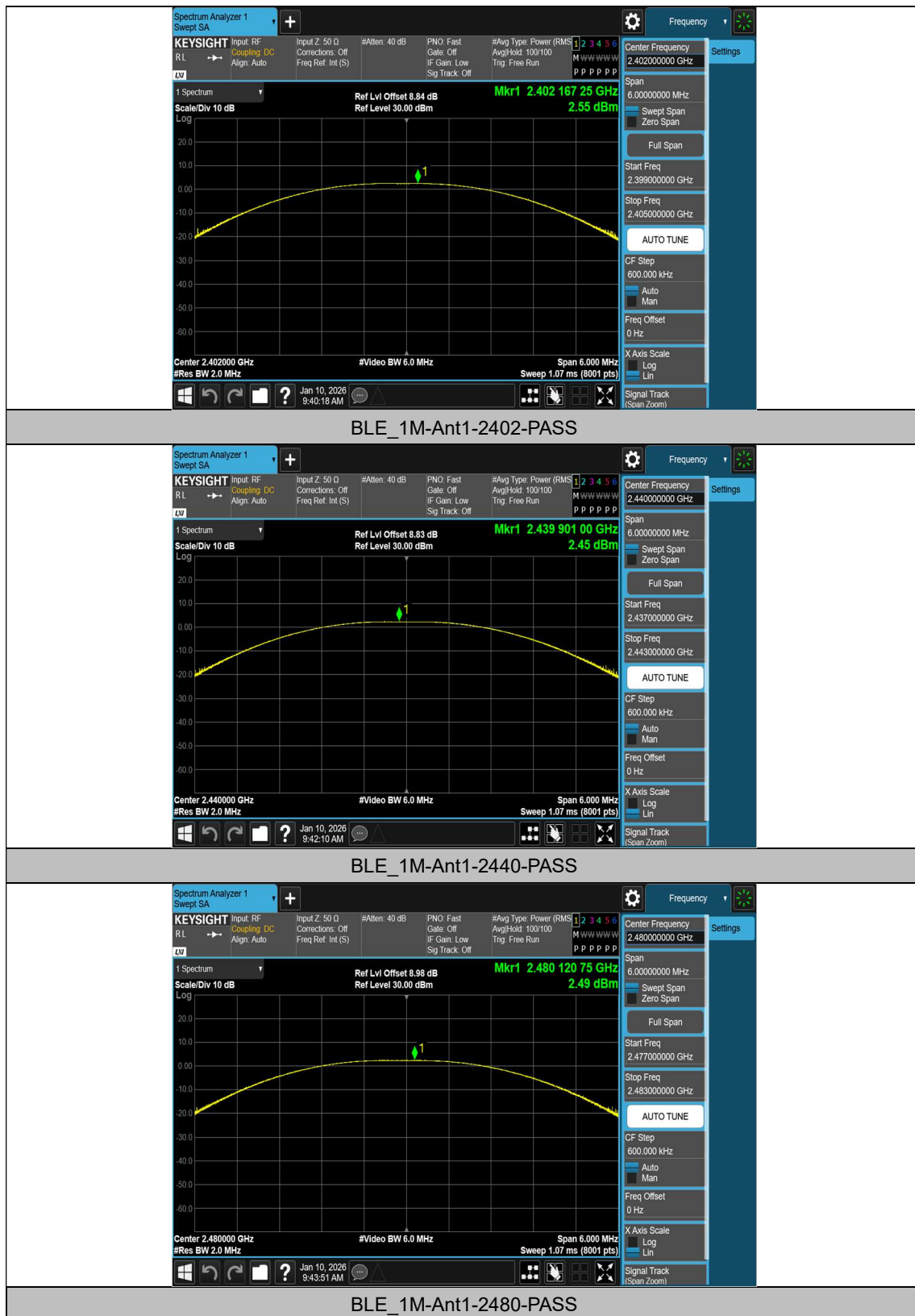


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.55	≤30	3.13	≤36	PASS
		2440	2.45	≤30	3.03	≤36	PASS
		2480	2.49	≤30	3.07	≤36	PASS
BLE_2M	Ant1	2402	2.44	≤30	3.02	≤36	PASS
		2440	3.05	≤30	3.63	≤36	PASS
		2480	3.11	≤30	3.69	≤36	PASS

Test Graphs Peak





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



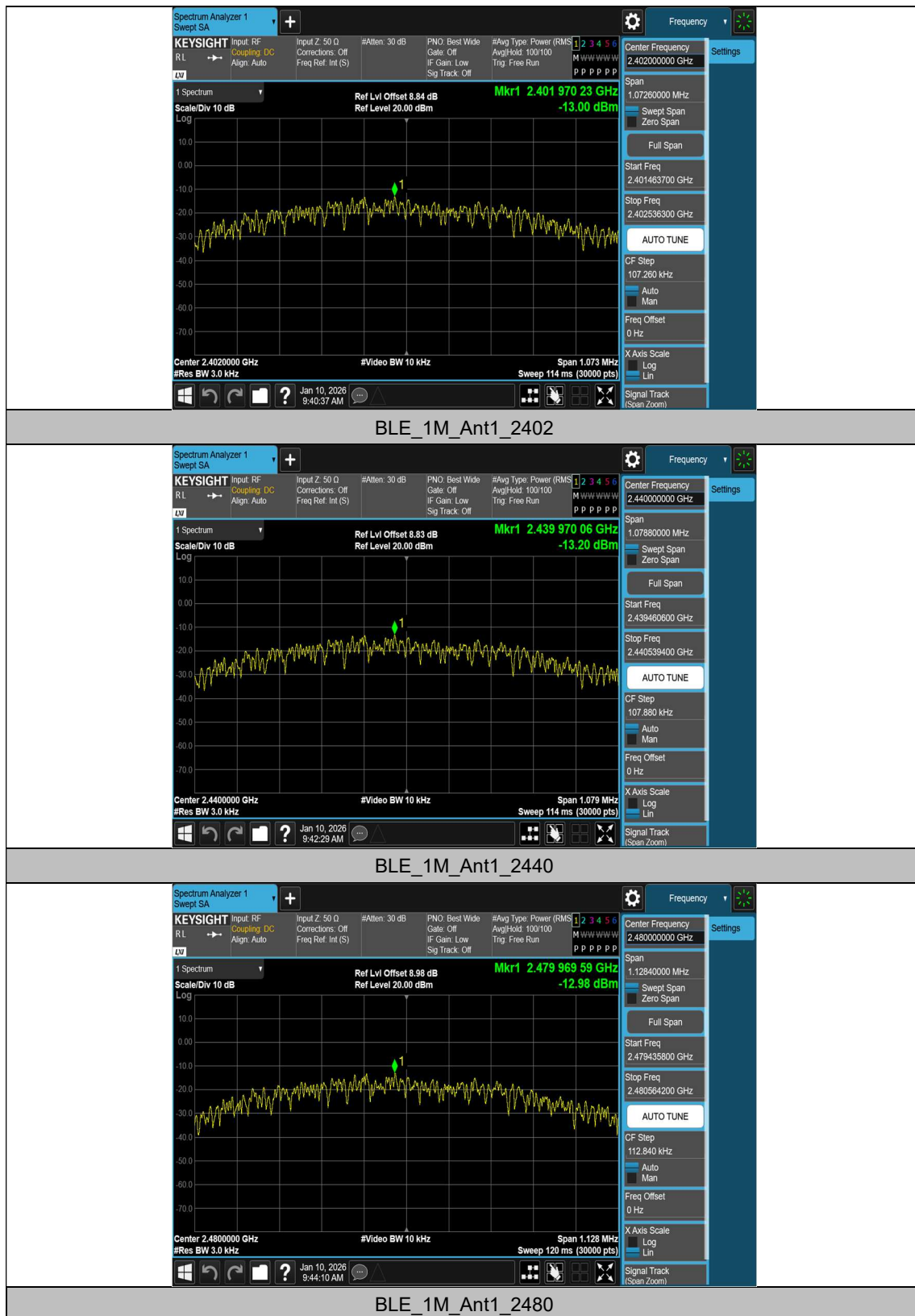
BLE_2M-Ant1-2480-PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.00	≤8.00	PASS
		2440	-13.20	≤8.00	PASS
		2480	-12.98	≤8.00	PASS
BLE_2M	Ant1	2402	-15.10	≤8.00	PASS
		2440	-14.60	≤8.00	PASS
		2480	-14.54	≤8.00	PASS

Test Graphs

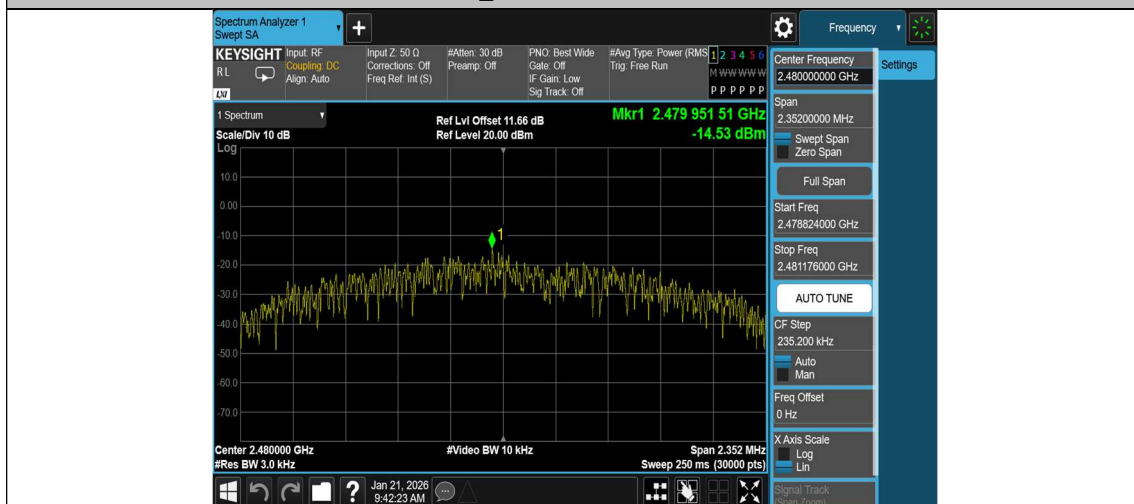




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

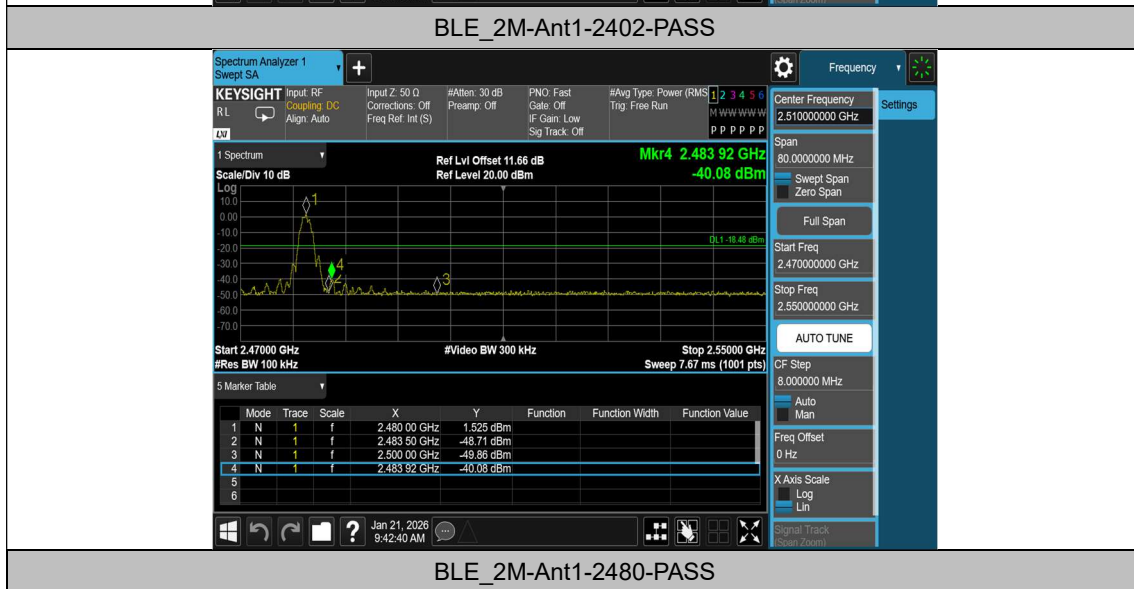
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.81	-36.27	≤-18.3	PASS
		High	2480	1.66	-41.54	≤-18.46	PASS
BLE_2M	Ant1	Low	2402	0.74	-31.22	≤-19.26	PASS
		High	2480	1.53	-40.08	≤-18.48	PASS

Test Graphs





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	1.27	1.27	---	PASS
			30~1000	1.27	-62.79	≤-18.73	PASS
			1000~26500	1.27	-51.72	≤-18.73	PASS
		2440	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-62.38	≤-18.62	PASS
			1000~26500	1.38	-51.29	≤-18.62	PASS
		2480	Reference	0.83	0.83	---	PASS
			30~1000	0.83	-62.12	≤-19.17	PASS
			1000~26500	0.83	-52.49	≤-19.17	PASS
BLE_2M	Ant1	2402	0~Reference	0.94	0.94	---	PASS
			30~1000	0.94	-58.56	≤-19.06	PASS
			1000~26500	0.94	-50.58	≤-19.06	PASS
		2440	0~Reference	1.65	1.65	---	PASS
			30~1000	1.65	-58.67	≤-18.35	PASS
			1000~26500	1.65	-50.21	≤-18.35	PASS
		2480	0~Reference	1.74	1.74	---	PASS
			30~1000	1.74	-58	≤-18.26	PASS
			1000~26500	1.74	-50.12	≤-18.26	PASS

Test Graphs





BLE_1M_Ant1_2440_0~Reference



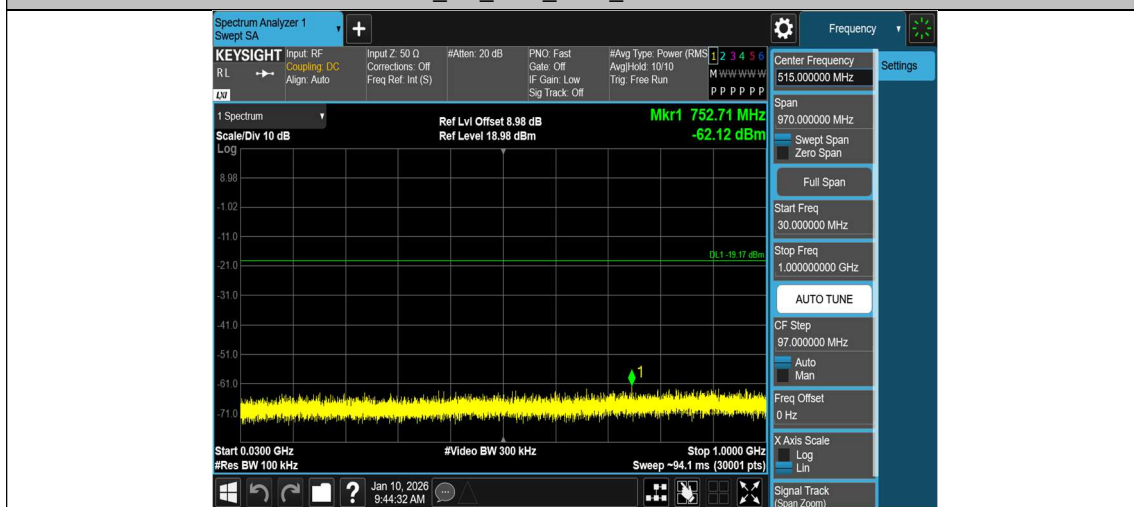
BLE_1M_Ant1_2440_30~1000



BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



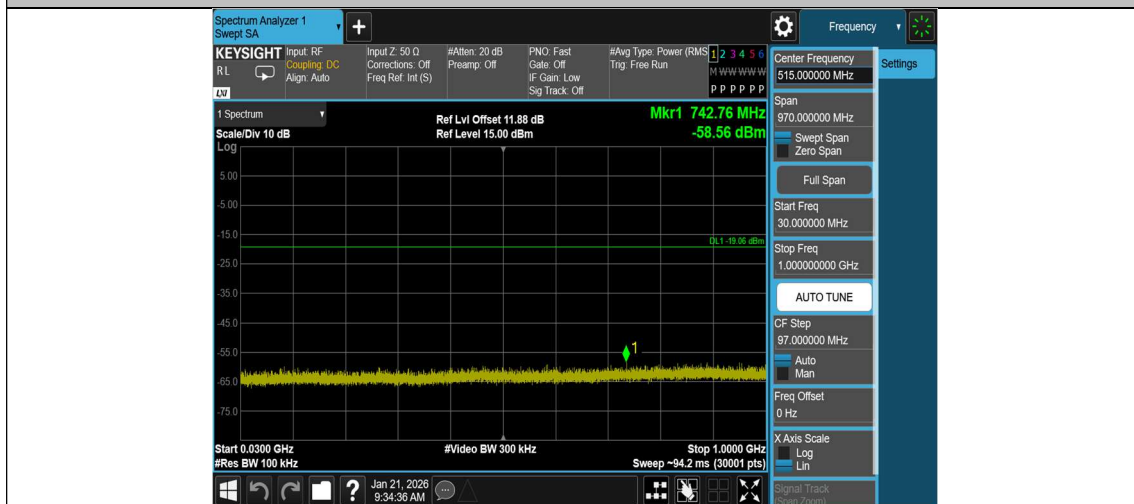
BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



BLE_2M-Ant1-2402-0~Reference-PASS



BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~26500-PASS