

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.648	2402.356	0.5	PASS
		2440	0.712	2439.640	2440.352	0.5	PASS
		2480	0.728	2479.616	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.172	2401.412	2402.584	0.5	PASS
		2440	1.180	2439.404	2440.584	0.5	PASS
		2480	1.184	2479.400	2480.584	0.5	PASS

Test Graphs




BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-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	1.0615	2401.4717	2402.5332	---	---
		2440	1.0615	2439.4709	2440.5324	---	---
		2480	1.0800	2479.4565	2480.5365	---	---
BLE_2M	Ant1	2402	2.1321	2400.9353	2403.0674	---	---
		2440	2.1343	2438.9340	2441.0683	---	---
		2480	2.1406	2478.9319	2481.0725	---	---

Test Graphs




BLE_2M-Ant1-2402

BLE_2M-Ant1-2440

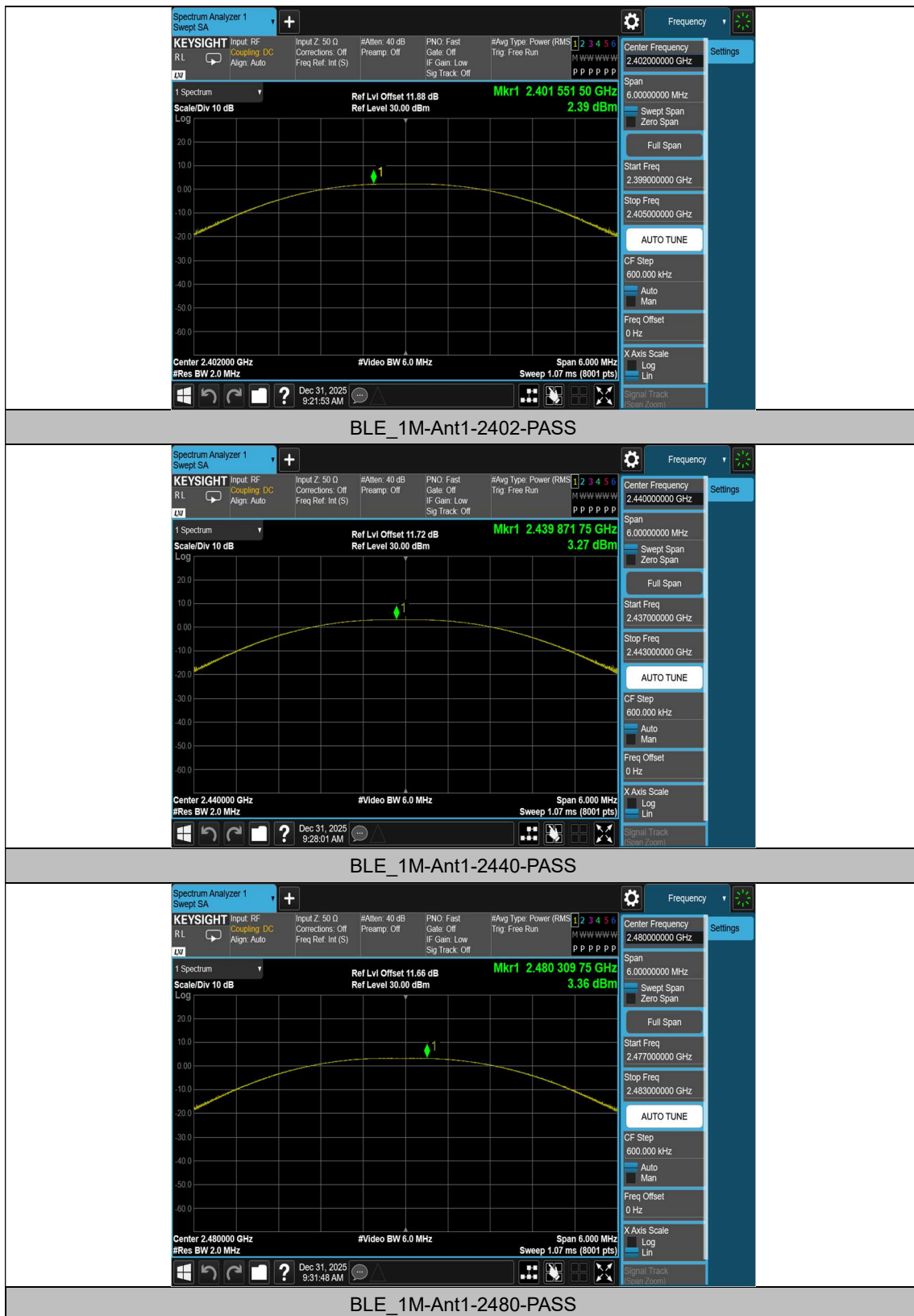
BLE_2M-Ant1-2480

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	2.39	≤30	3.01	≤36	PASS
		2440	3.27	≤30	3.89	≤36	PASS
		2480	3.36	≤30	3.98	≤36	PASS
BLE_2M	Ant1	2402	2.19	≤30	2.81	≤36	PASS
		2440	3.10	≤30	3.72	≤36	PASS
		2480	3.21	≤30	3.83	≤36	PASS

Test Graphs Peak





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



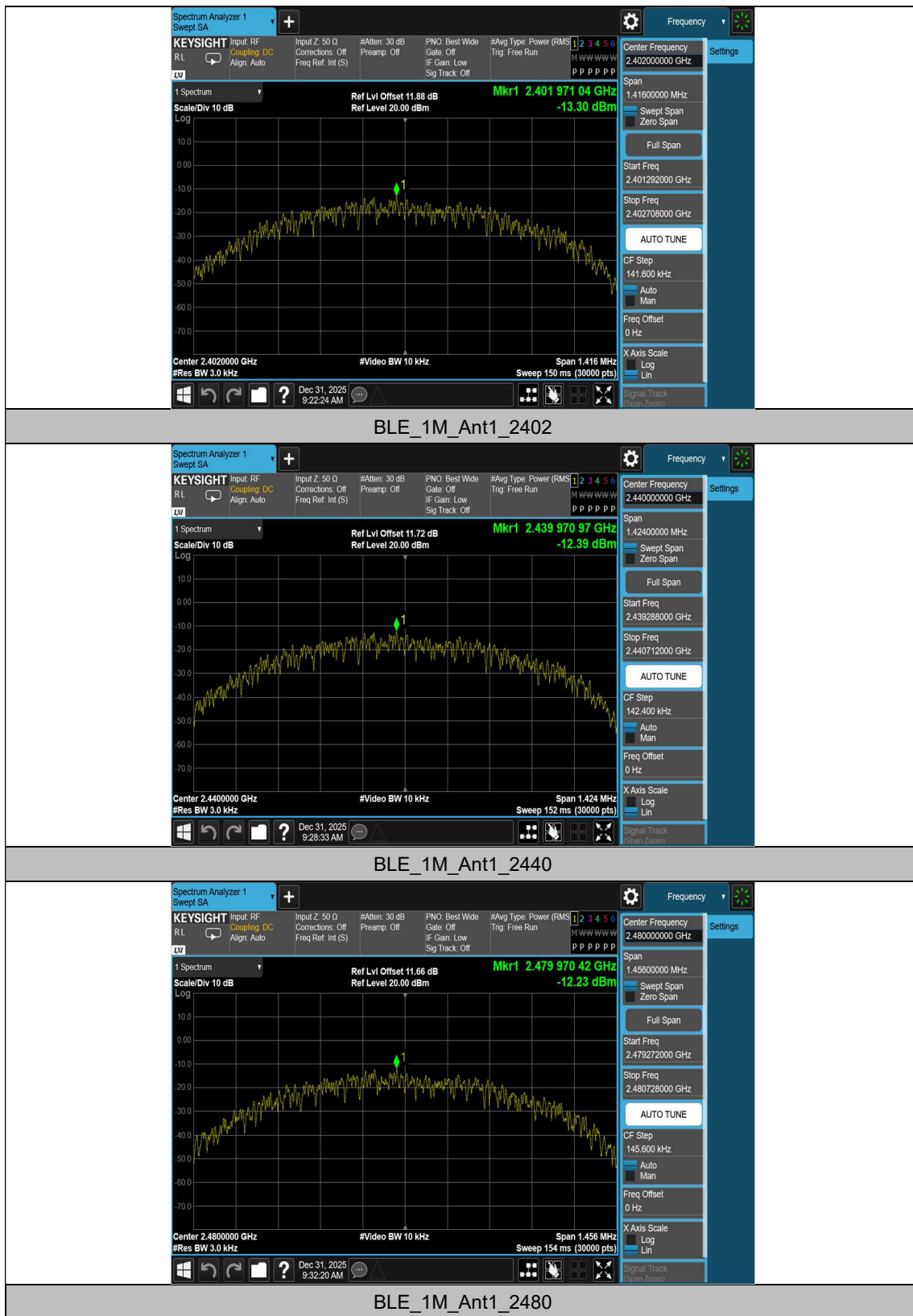
BLE_2M-Ant1-2480-PASS

Appendix D: Maximum power spectral density

Test Result

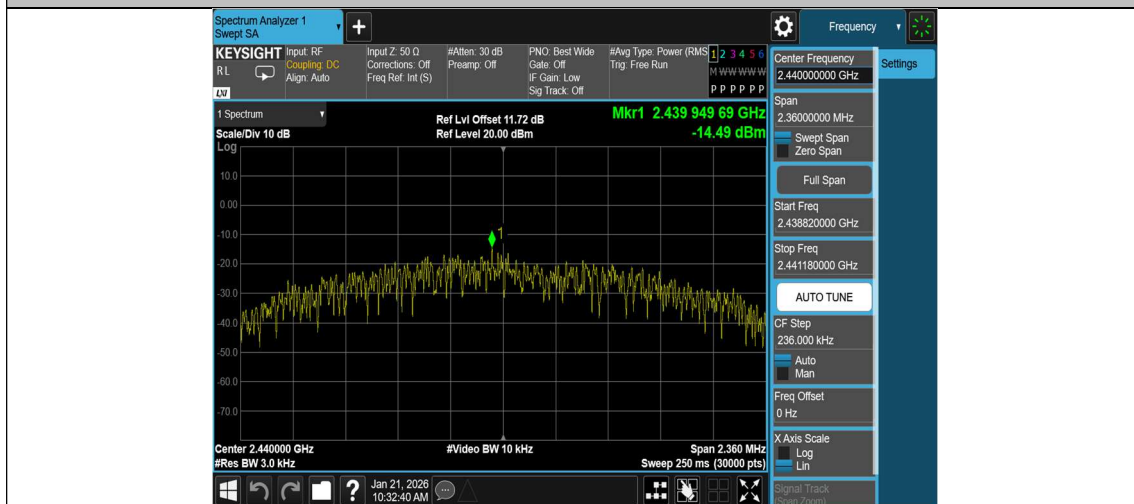
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.30	≤8.00	PASS
		2440	-12.39	≤8.00	PASS
		2480	-12.23	≤8.00	PASS
BLE_2M	Ant1	2402	-15.47	≤8.00	PASS
		2440	-14.49	≤8.00	PASS
		2480	-14.58	≤8.00	PASS

Test Graphs

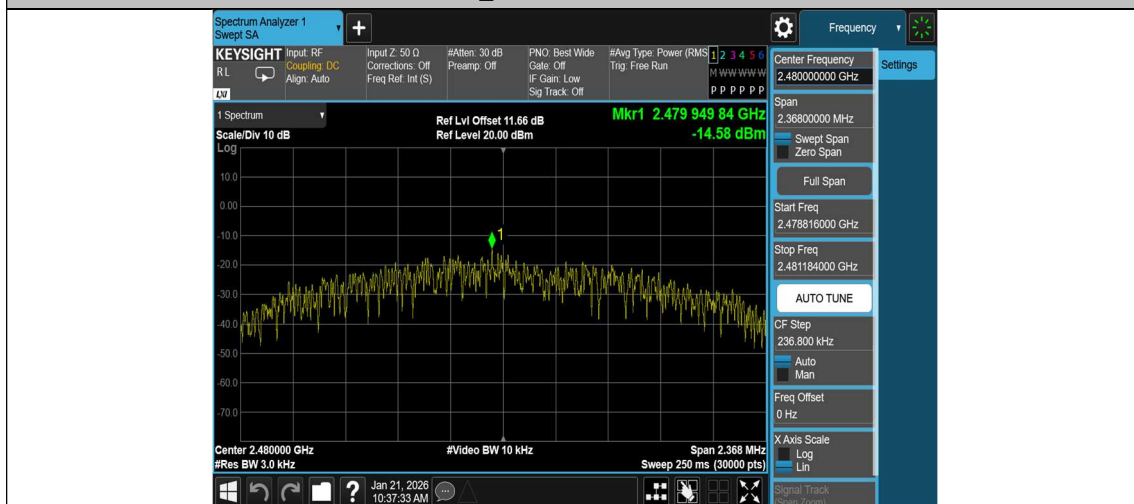




BLE_2M-Ant1-2402-PASS



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	1.50	-35.99	≤-18.5	PASS
		High	2480	2.49	-40.73	≤-17.51	PASS
BLE_2M	Ant1	Low	2402	0.52	-32.12	≤-19.48	PASS
		High	2480	1.47	-39.5	≤-18.54	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	0~Reference	1.28	1.28	---	PASS
			30~1000	1.28	-58.52	≤-18.72	PASS
			1000~26500	1.28	-49.41	≤-18.72	PASS
		2440	0~Reference	2.27	2.27	---	PASS
			30~1000	2.27	-58.77	≤-17.73	PASS
			1000~26500	2.27	-50.54	≤-17.73	PASS
		2480	0~Reference	2.25	2.25	---	PASS
			30~1000	2.25	-59.09	≤-17.75	PASS
			1000~26500	2.25	-50.7	≤-17.75	PASS
BLE_2M	Ant1	2402	0~Reference	0.73	0.73	---	PASS
			30~1000	0.73	-58.2	≤-19.27	PASS
			1000~26500	0.73	-49.8	≤-19.27	PASS
		2440	0~Reference	1.74	1.74	---	PASS
			30~1000	1.74	-58.44	≤-18.26	PASS
			1000~26500	1.74	-49.9	≤-18.26	PASS
		2480	0~Reference	1.84	1.84	---	PASS
			30~1000	1.84	-57.96	≤-18.16	PASS
			1000~26500	1.84	-50.13	≤-18.16	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



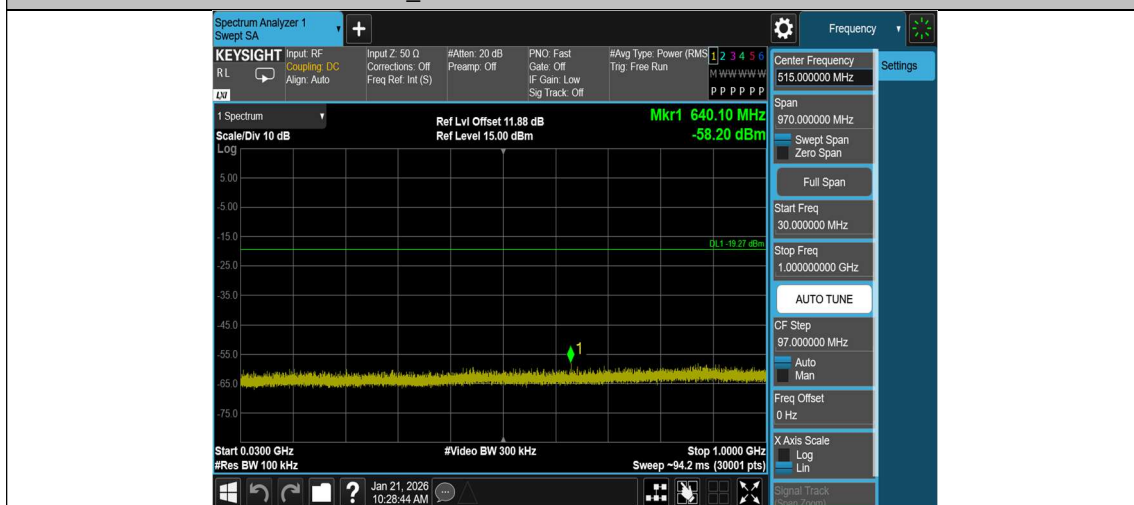
BLE_1M_Ant1_2480_30~1000



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