

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.628	2402.360	0.5	PASS
		2440	0.724	2439.636	2440.360	0.5	PASS
		2480	0.732	2479.632	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.388	2401.304	2402.692	0.5	PASS
		2440	1.392	2439.308	2440.700	0.5	PASS
		2480	1.388	2479.308	2480.696	0.5	PASS

Test Graphs







Appendix B: Occupied Channel Bandwidth

Test Result

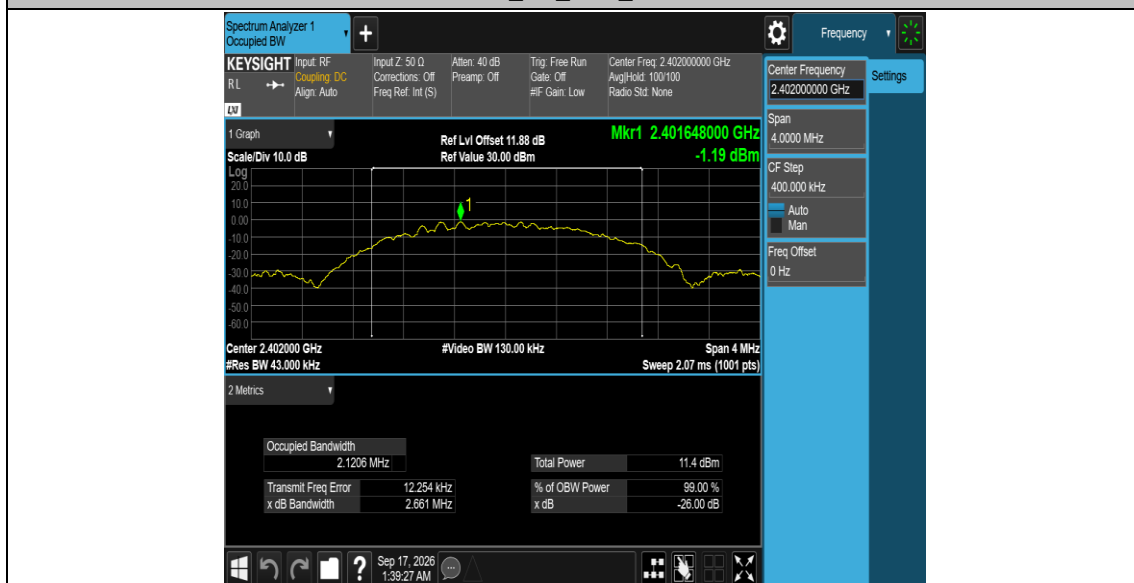
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0414	2401.4776	2402.5190	---	---
		2440	1.0428	2439.4771	2440.5199	---	---
		2480	1.0470	2479.4750	2480.5220	---	---
BLE_2M	Ant1	2402	2.1206	2400.9520	2403.0726	---	---
		2440	2.1189	2438.9522	2441.0711	---	---
		2480	2.1174	2478.9524	2481.0698	---	---

Test Graphs





BLE_1M_Ant1_2480



BLE_2M_Ant1_2402





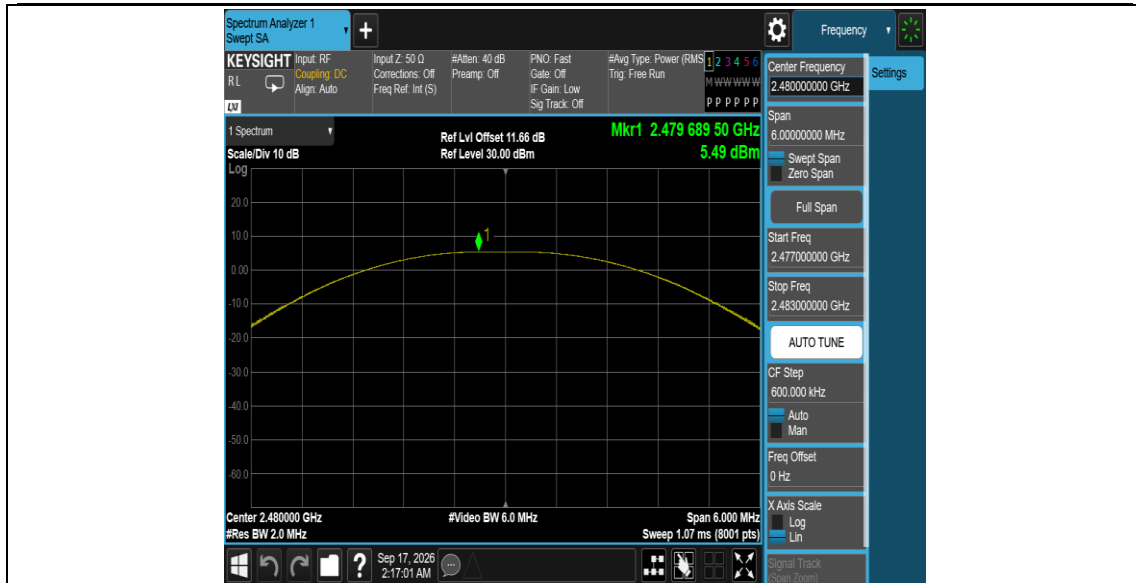
Appendix C: Maximum conducted output power

Test Result Peak

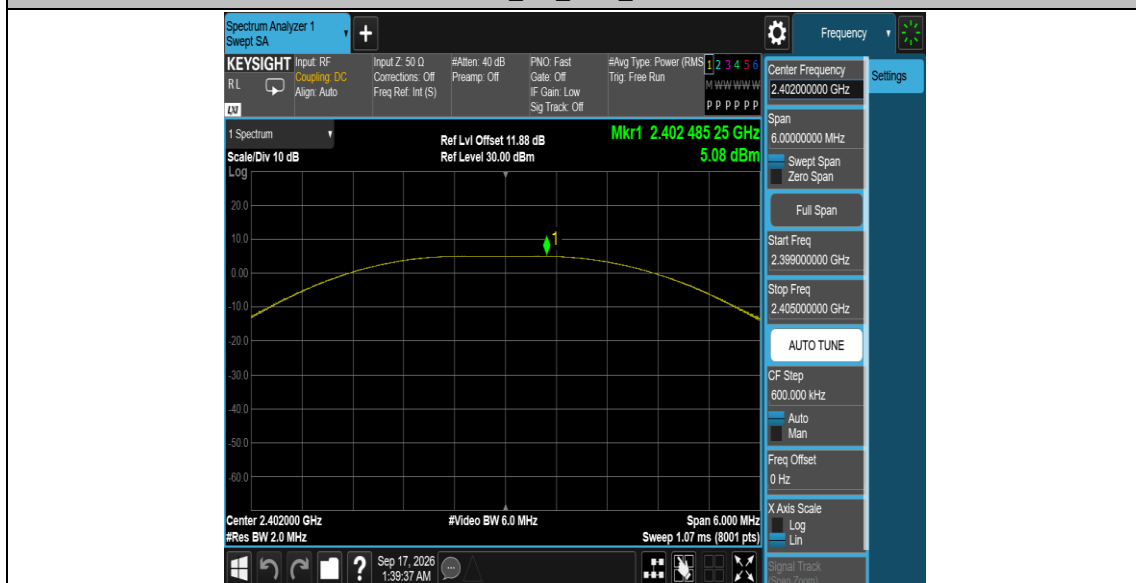
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	5.09	≤30	PASS
		2440	5.34	≤30	PASS
		2480	5.49	≤30	PASS
BLE_2M	Ant1	2402	5.08	≤30	PASS
		2440	5.32	≤30	PASS
		2480	5.45	≤30	PASS

Test Graphs Peak

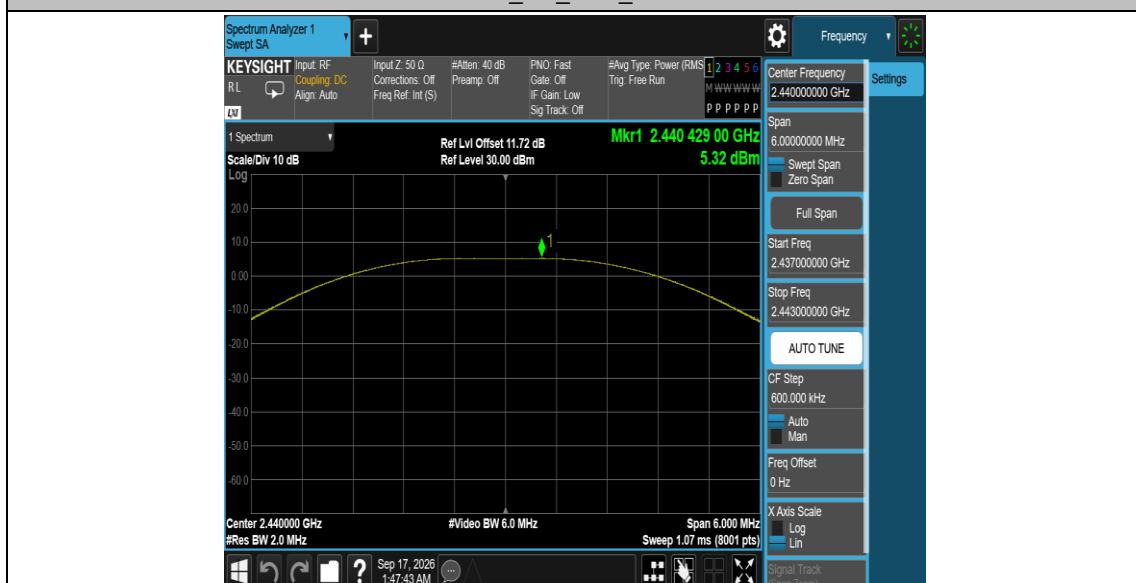




BLE_1M_Ant1_2480



BLE_2M_Ant1_2402





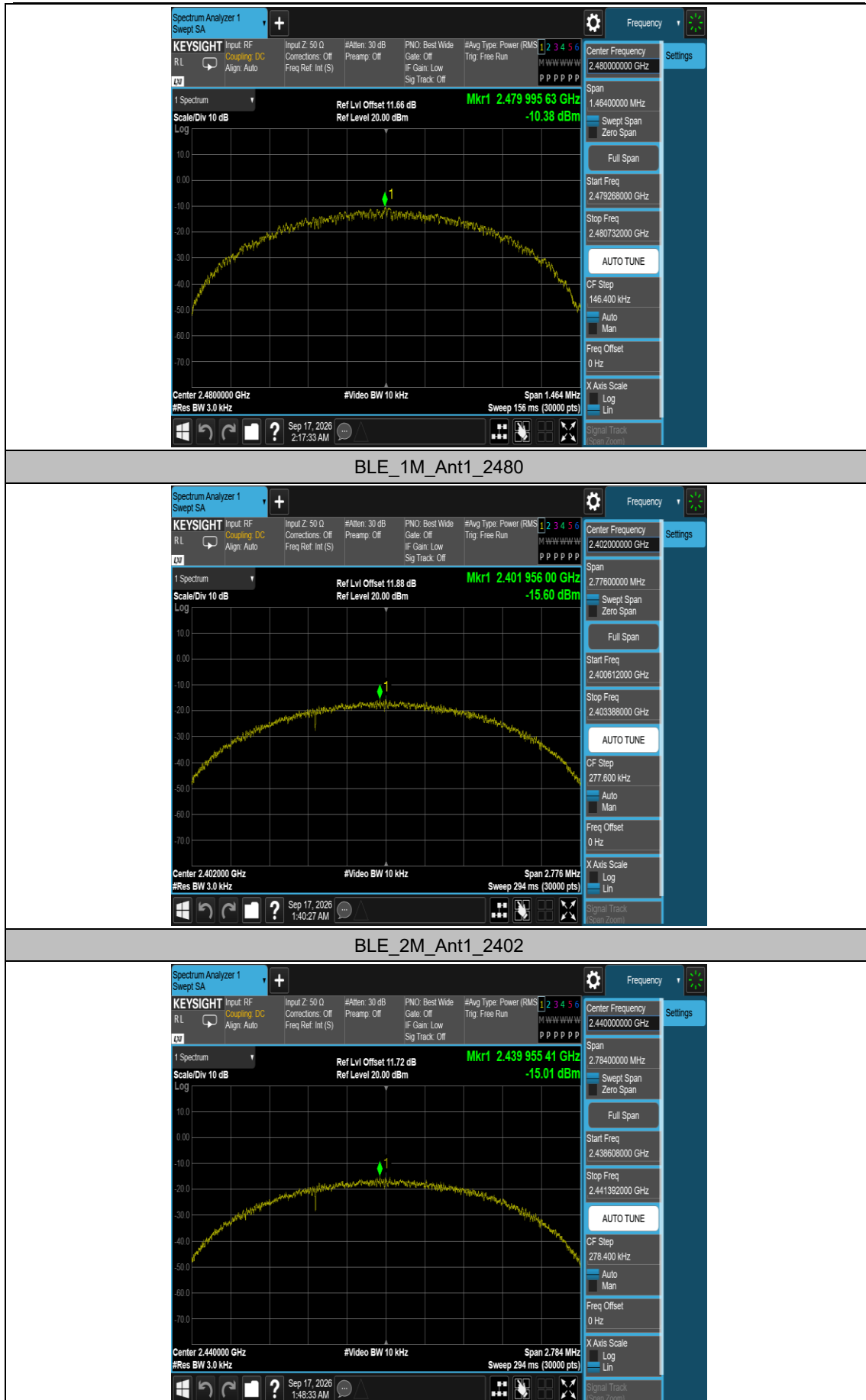
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.80	≤8.00	PASS
		2440	-10.37	≤8.00	PASS
		2480	-10.38	≤8.00	PASS
BLE_2M	Ant1	2402	-15.60	≤8.00	PASS
		2440	-15.01	≤8.00	PASS
		2480	-14.98	≤8.00	PASS

Test Graphs





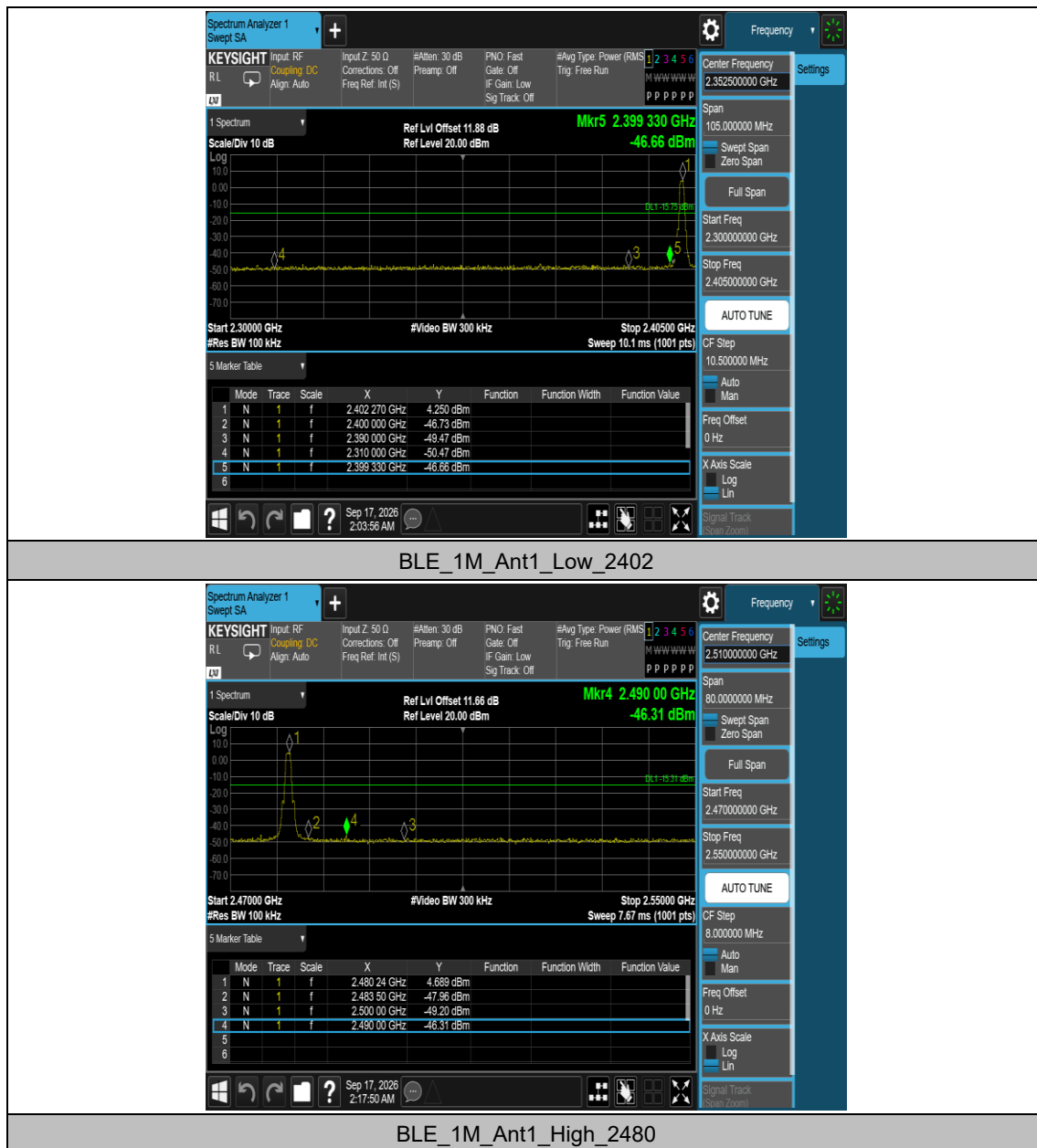


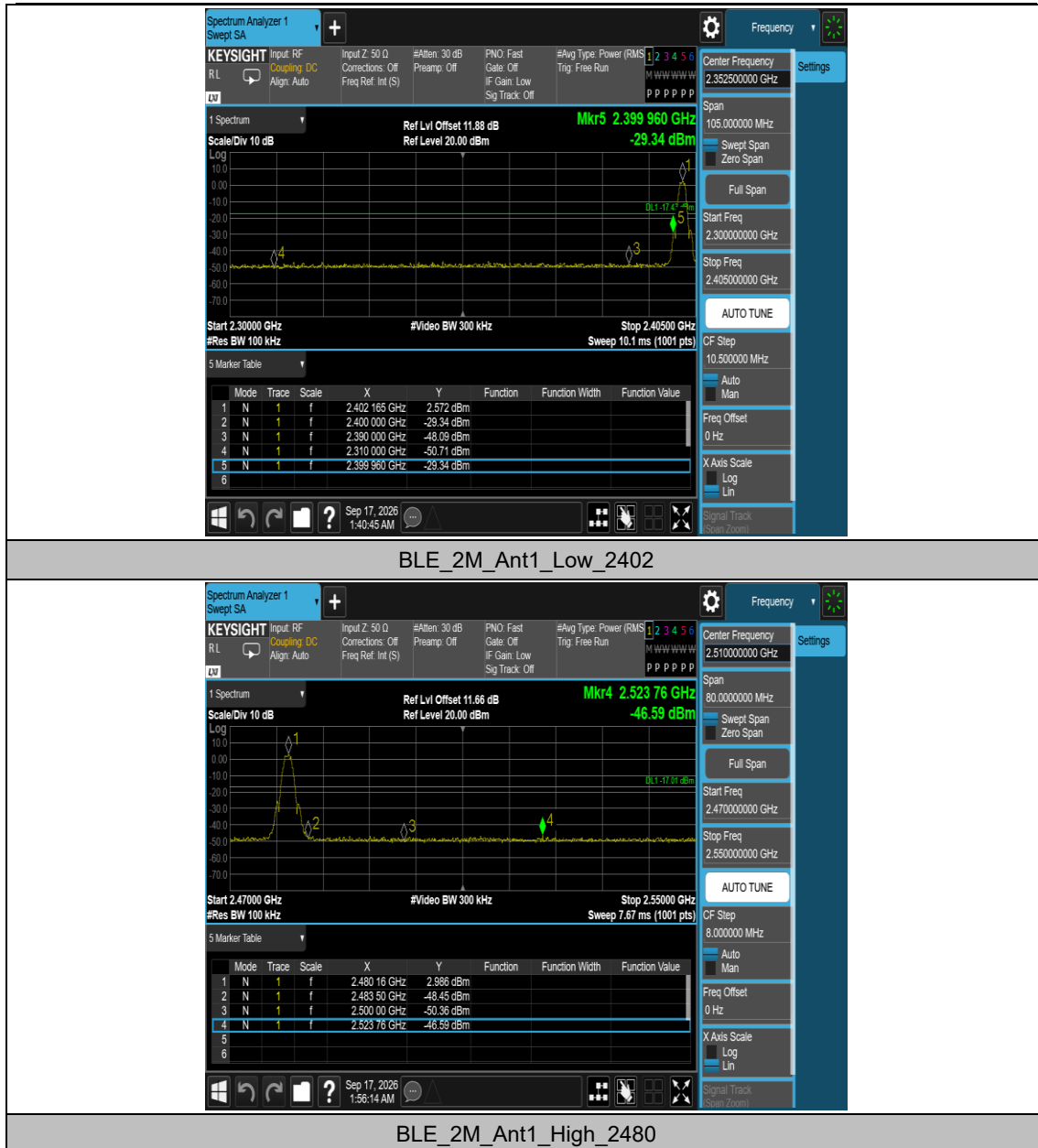
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.25	-46.67	≤-15.75	PASS
		High	2480	4.69	-46.31	≤-15.31	PASS
BLE_2M	Ant1	Low	2402	2.57	-29.34	≤-17.43	PASS
		High	2480	2.99	-46.59	≤-17.01	PASS

Test Graphs



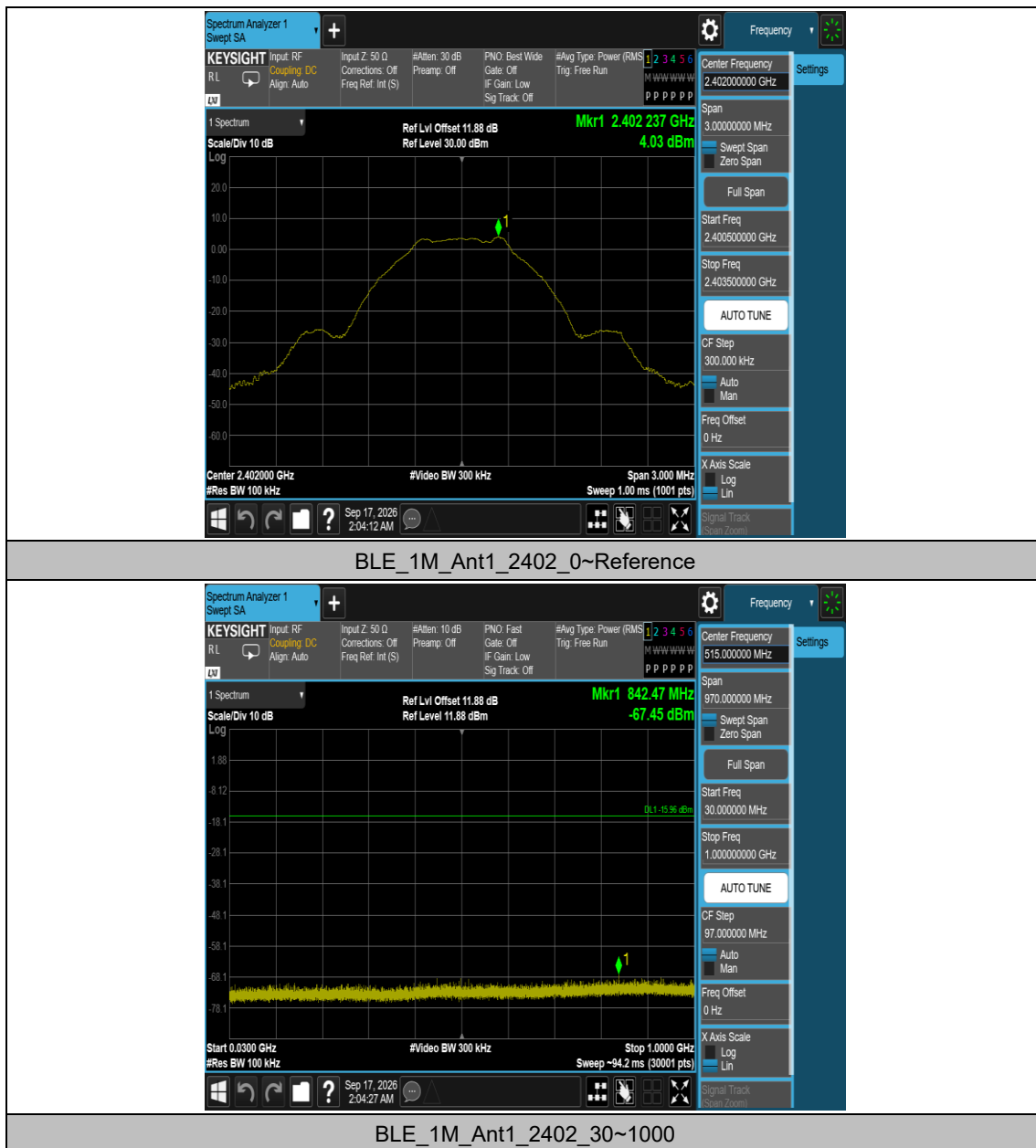


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-67.45	≤-15.96	PASS
			1000~26500	4.04	-36.77	≤-15.96	PASS
		2440	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-68.07	≤-15.61	PASS
			1000~26500	4.39	-36.61	≤-15.61	PASS
		2480	Reference	4.48	4.48	---	PASS
			30~1000	4.48	-68.63	≤-15.52	PASS
			1000~26500	4.48	-36.08	≤-15.52	PASS
BLE_2M	Ant1	2402	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-67.93	≤-18.05	PASS
			1000~26500	1.95	-37.51	≤-18.05	PASS
		2440	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-68.07	≤-17.82	PASS
			1000~26500	2.18	-38.97	≤-17.82	PASS
		2480	Reference	2.31	2.31	---	PASS
			30~1000	2.31	-68.79	≤-17.69	PASS
			1000~26500	2.31	-37.15	≤-17.69	PASS

Test Graphs

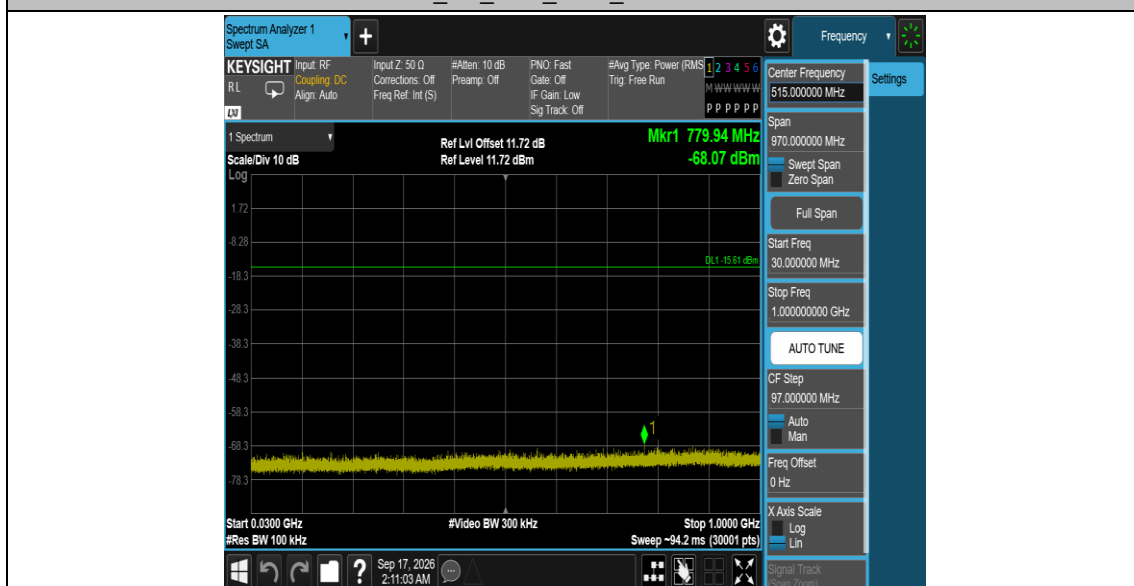




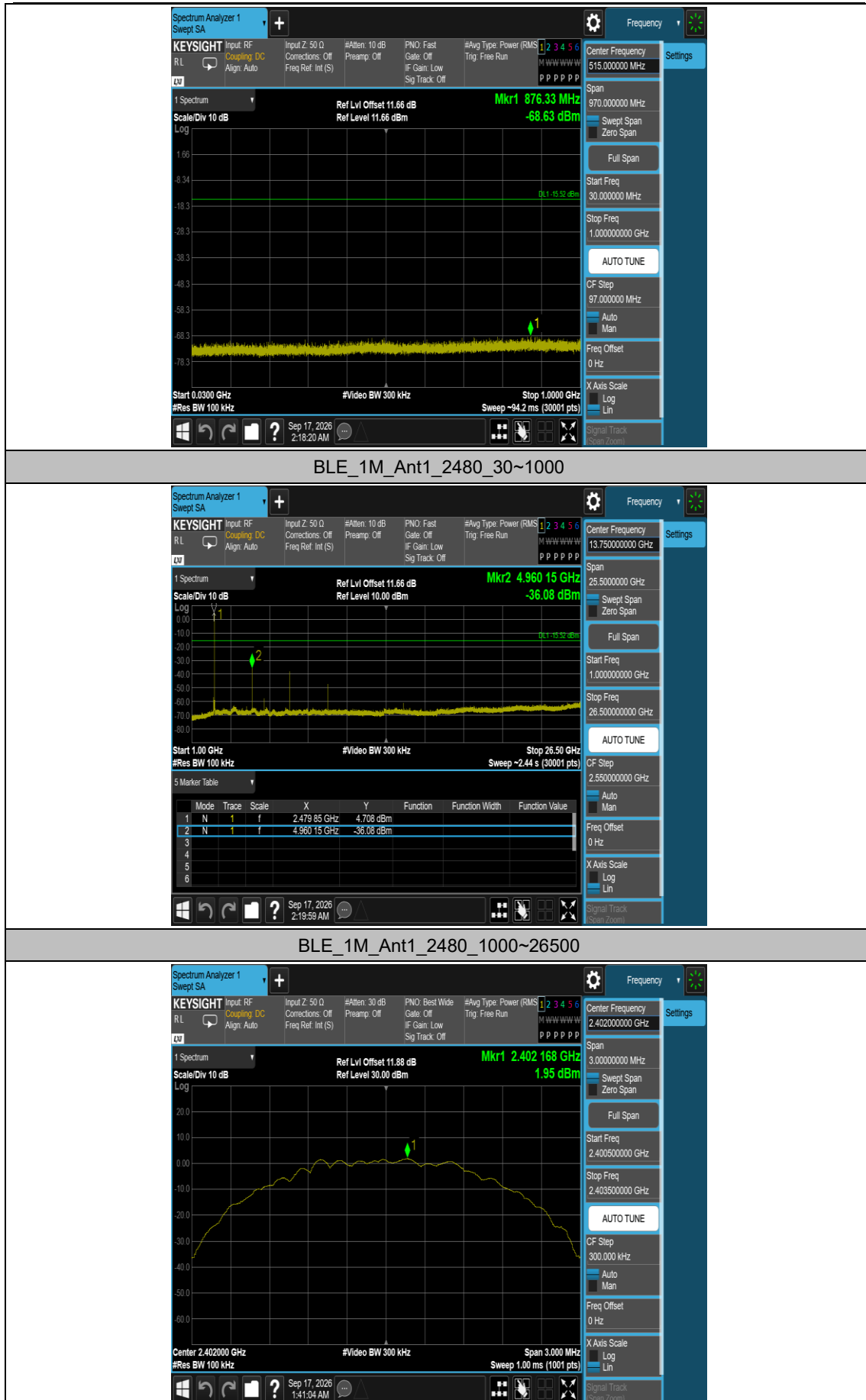
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



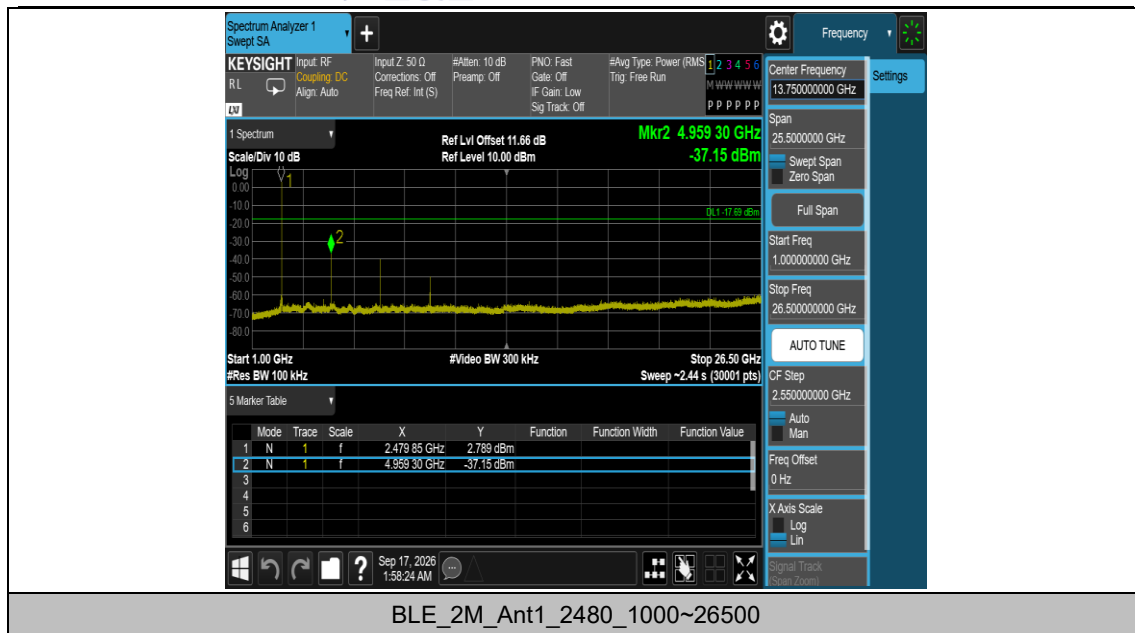












Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	19.00	19.00	100.00
		2440	19.00	19.00	100.00
		2480	19.00	19.00	100.00
BLE_2M	Ant1	2402	19.00	19.00	100.00
		2440	19.00	19.00	100.00
		2480	19.00	19.00	100.00