

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.644	2402.356	0.5	PASS
		2440	0.712	2439.636	2440.348	0.5	PASS
		2480	0.740	2479.612	2480.352	0.5	PASS
BLE_2M	Ant1	2402	1.180	2401.408	2402.588	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





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0601	2401.4732	2402.5333	---	---
		2440	1.0619	2439.4716	2440.5335	---	---
		2480	1.0807	2479.4553	2480.5360	---	---
BLE_2M	Ant1	2402	2.1293	2400.9371	2403.0664	---	---
		2440	2.1337	2438.9342	2441.0679	---	---
		2480	2.1408	2478.9314	2481.0722	---	---

Test Graphs





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



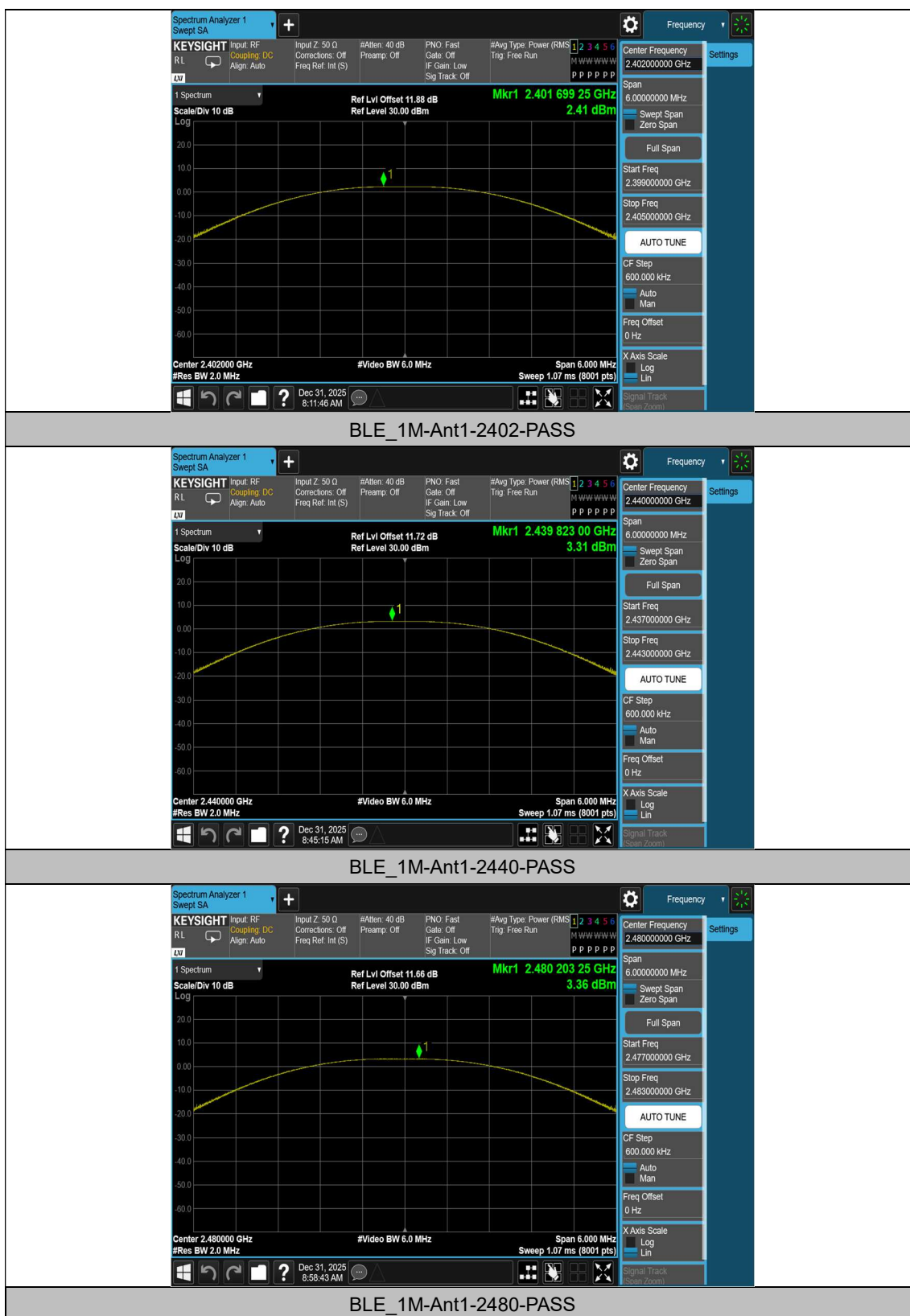
BLE_2M-Ant1-2480

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	2.41	≤30	3.03	≤36	PASS
		2440	3.31	≤30	3.93	≤36	PASS
		2480	3.36	≤30	3.98	≤36	PASS
BLE_2M	Ant1	2402	3.40	≤30	4.02	≤36	PASS
		2440	3.29	≤30	3.91	≤36	PASS
		2480	3.34	≤30	3.96	≤36	PASS

Test Graphs Peak





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



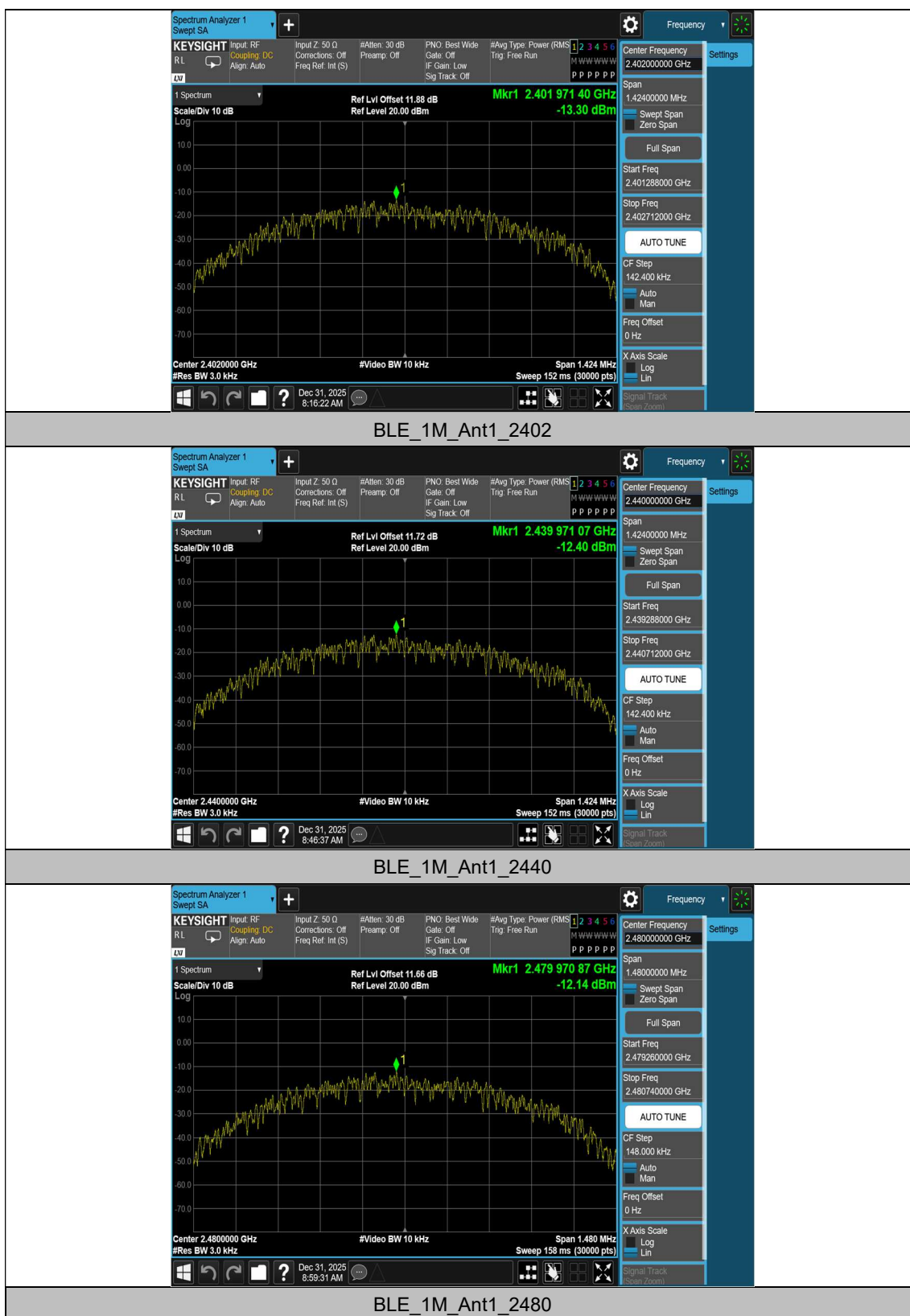
BLE_2M-Ant1-2480-PASS

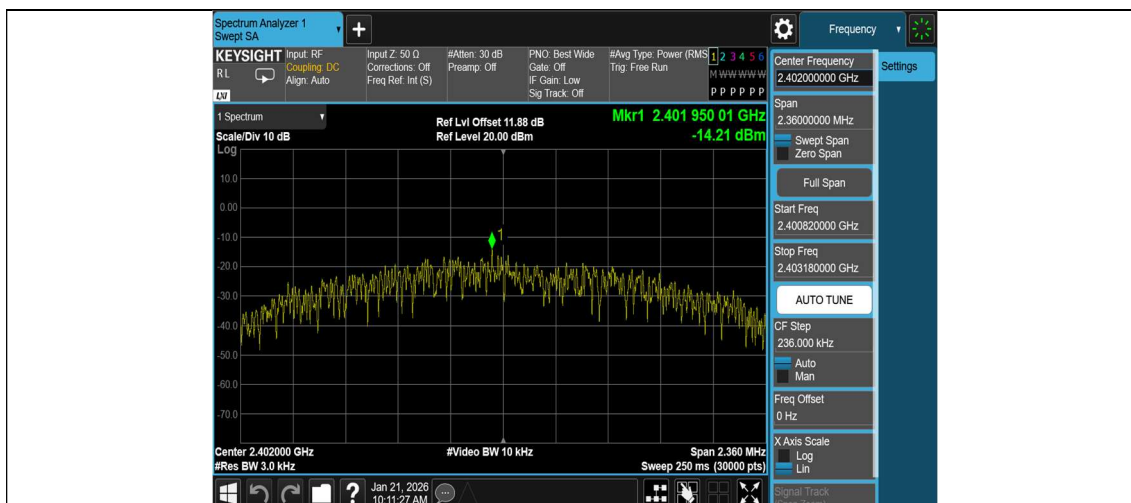
Appendix D: Maximum power spectral density

Test Result

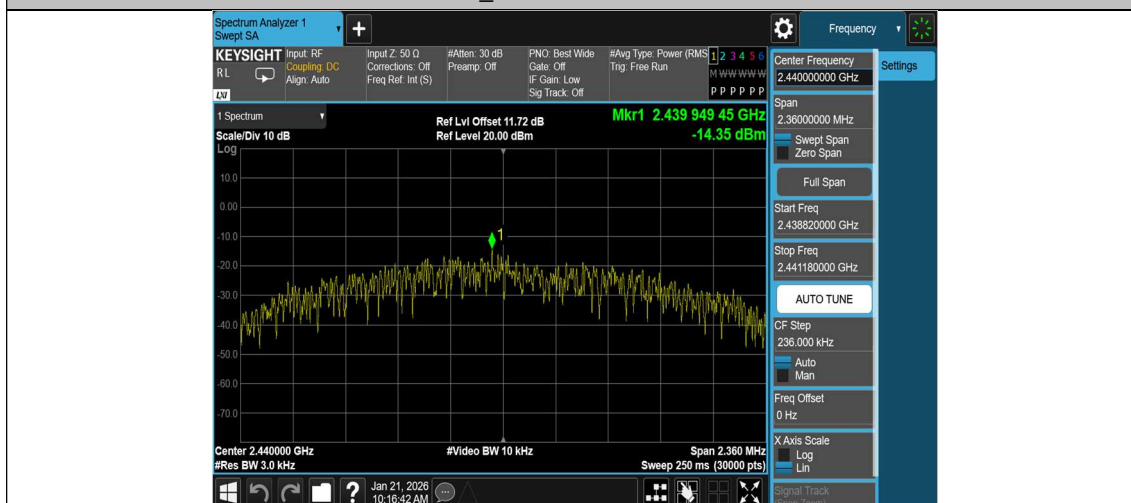
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.30	≤8.00	PASS
		2440	-12.40	≤8.00	PASS
		2480	-12.14	≤8.00	PASS
BLE_2M	Ant1	2402	-14.21	≤8.00	PASS
		2440	-14.35	≤8.00	PASS
		2480	-14.36	≤8.00	PASS

Test Graphs

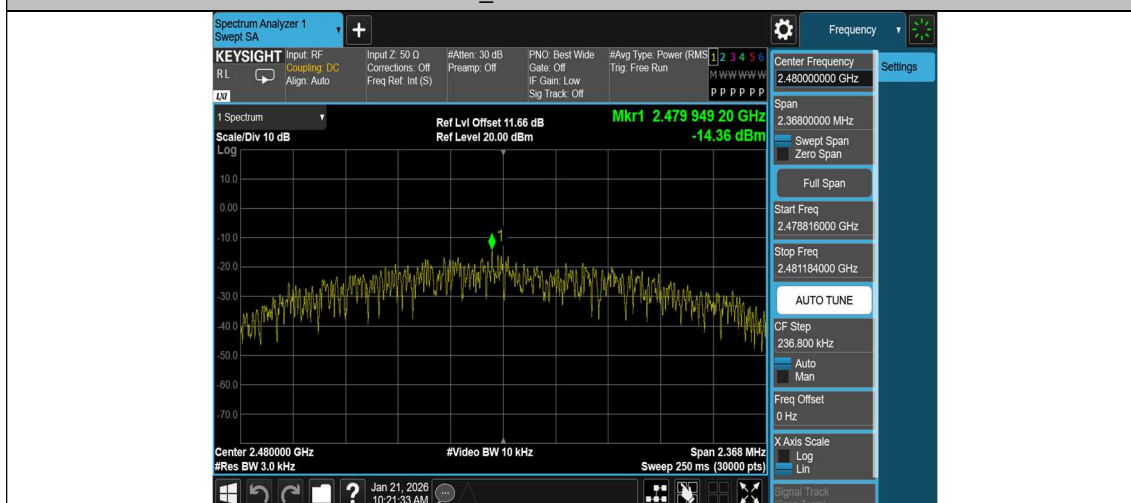




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

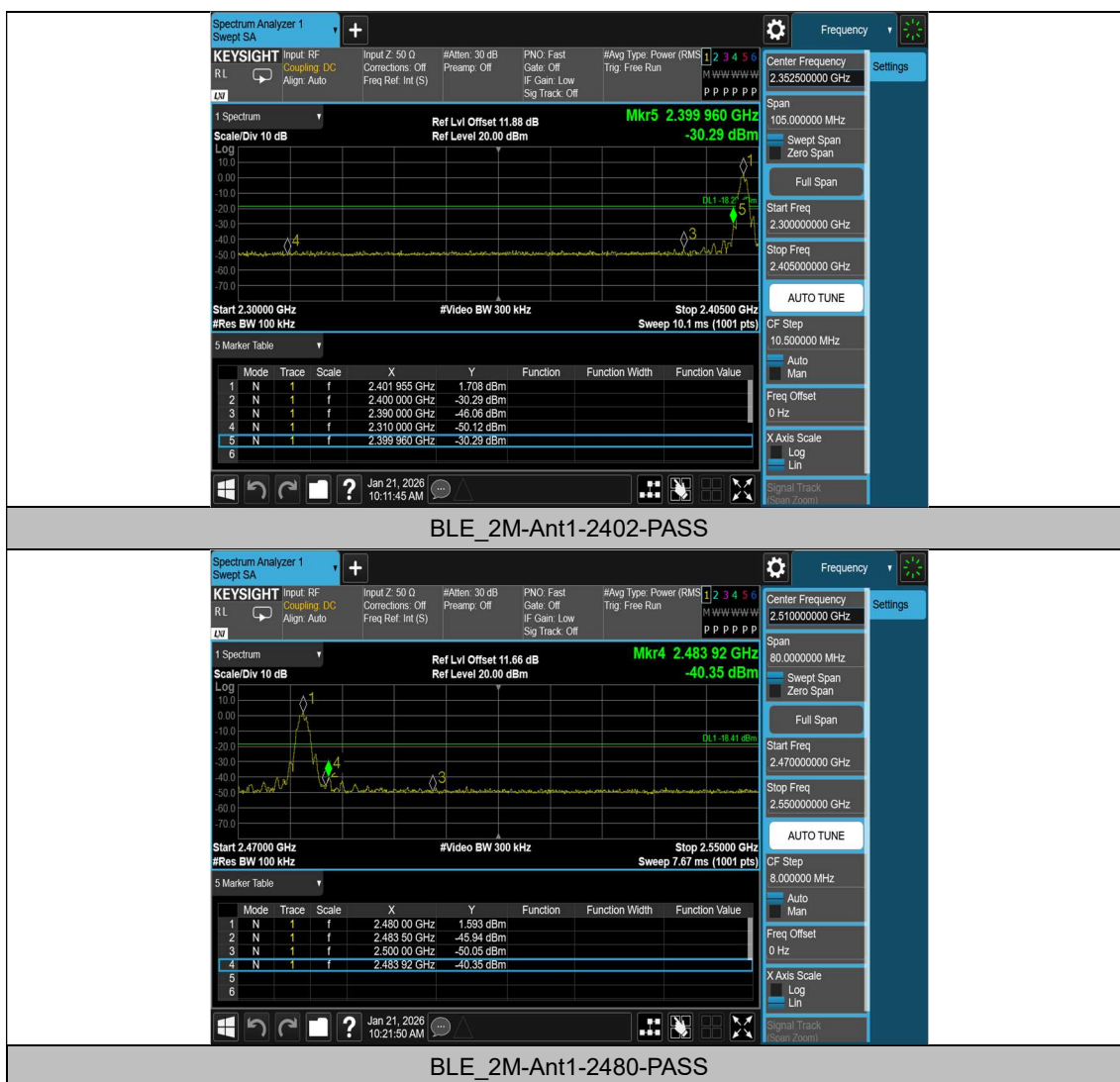
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.55	-35.33	≤-18.45	PASS
		High	2480	2.49	-40.12	≤-17.51	PASS
BLE_2M	Ant1	Low	2402	1.71	-30.3	≤-18.29	PASS
		High	2480	1.59	-40.35	≤-18.41	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	-58.46	≤-18.72	PASS
			1000~26500	1.28	-49.9	≤-18.72	PASS
		2440	0~Reference	2.28	2.28	---	PASS
			30~1000	2.28	-56.2	≤-17.72	PASS
			1000~26500	2.28	-50.78	≤-17.72	PASS
		2480	0~Reference	2.28	2.28	---	PASS
			30~1000	2.28	-59.06	≤-17.72	PASS
			1000~26500	2.28	-50.39	≤-17.72	PASS
BLE_2M	Ant1	2402	0~Reference	1.98	1.98	---	PASS
			30~1000	1.98	-57.58	≤-18.02	PASS
			1000~26500	1.98	-50.34	≤-18.02	PASS
		2440	0~Reference	1.89	1.89	---	PASS
			30~1000	1.89	-58.84	≤-18.11	PASS
			1000~26500	1.89	-49.91	≤-18.11	PASS
		2480	0~Reference	1.93	1.93	---	PASS
			30~1000	1.93	-58.67	≤-18.07	PASS
			1000~26500	1.93	-50.16	≤-18.07	PASS

Test Graphs





BLE_1M_Ant1_2440_0~Reference



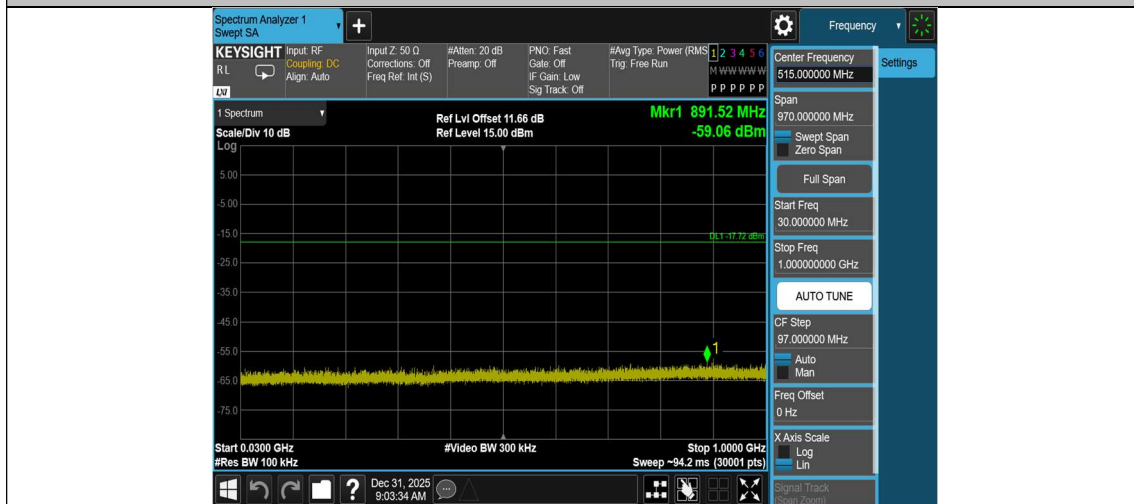
BLE_1M_Ant1_2440_30~1000



BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



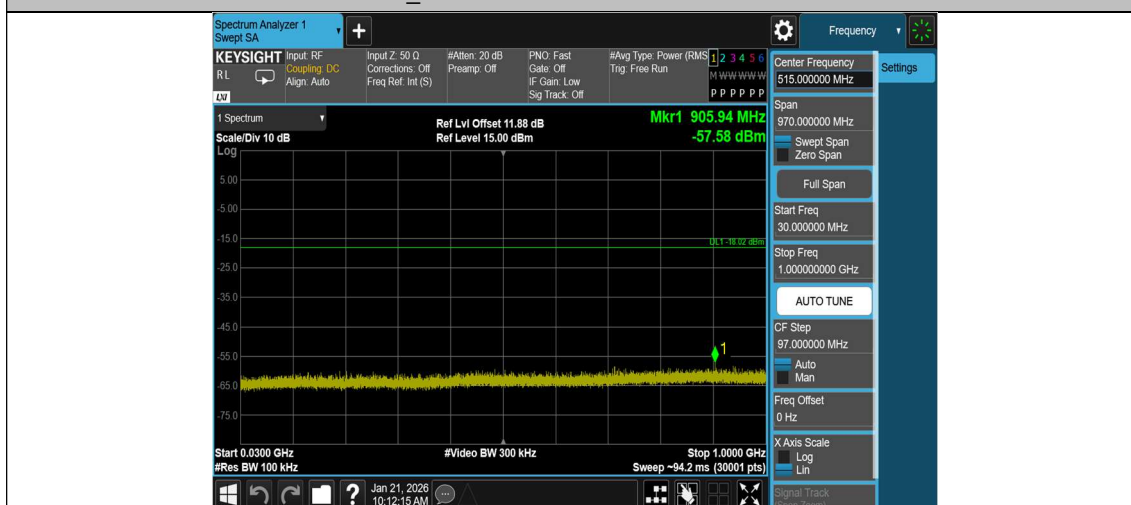
BLE_1M_Ant1_2480_30~1000



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