

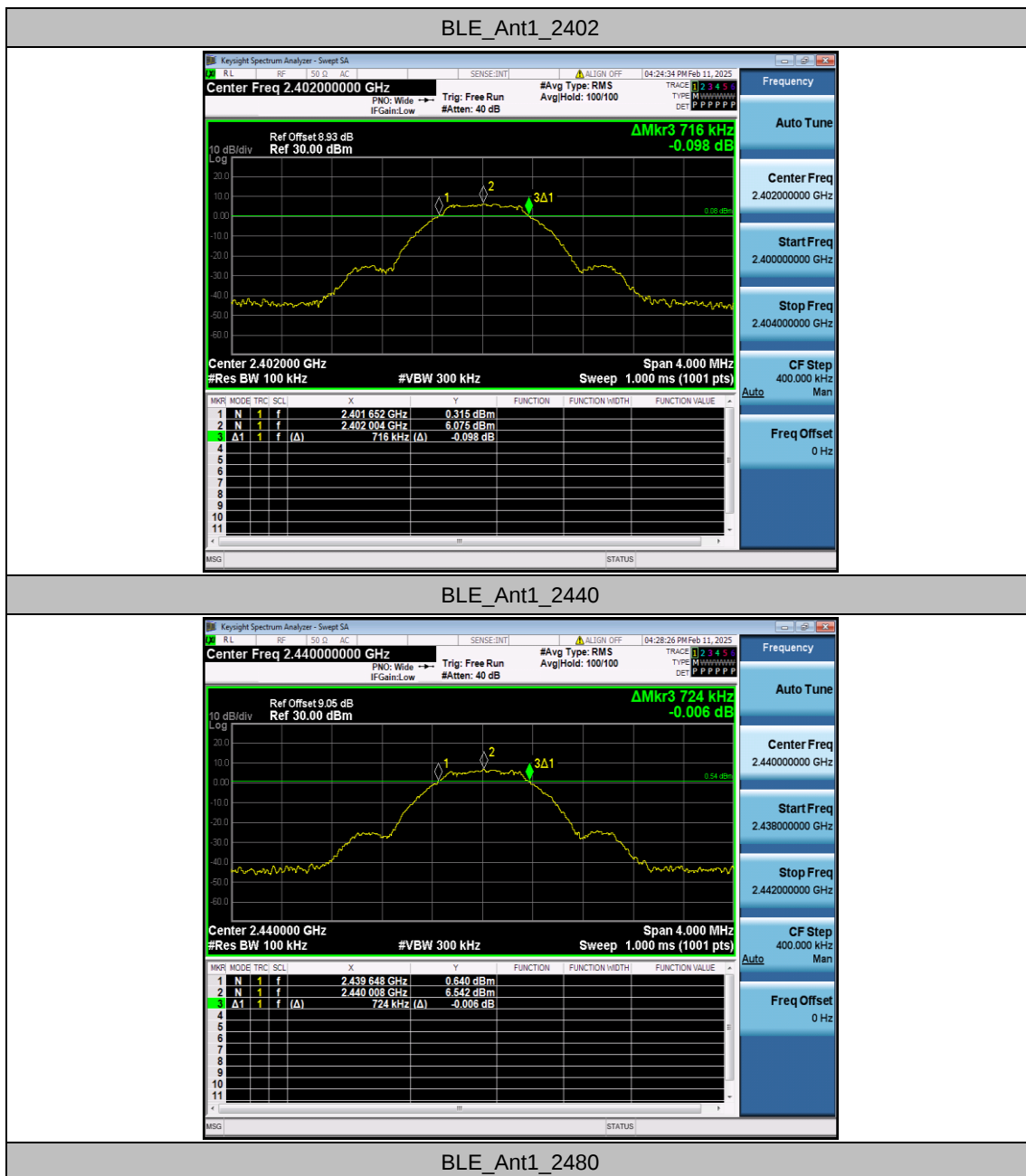
Case No. : <u>GTS20241129021-1-03</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.2.7</u>	Test Engineer: <u>Evan ouyang</u>

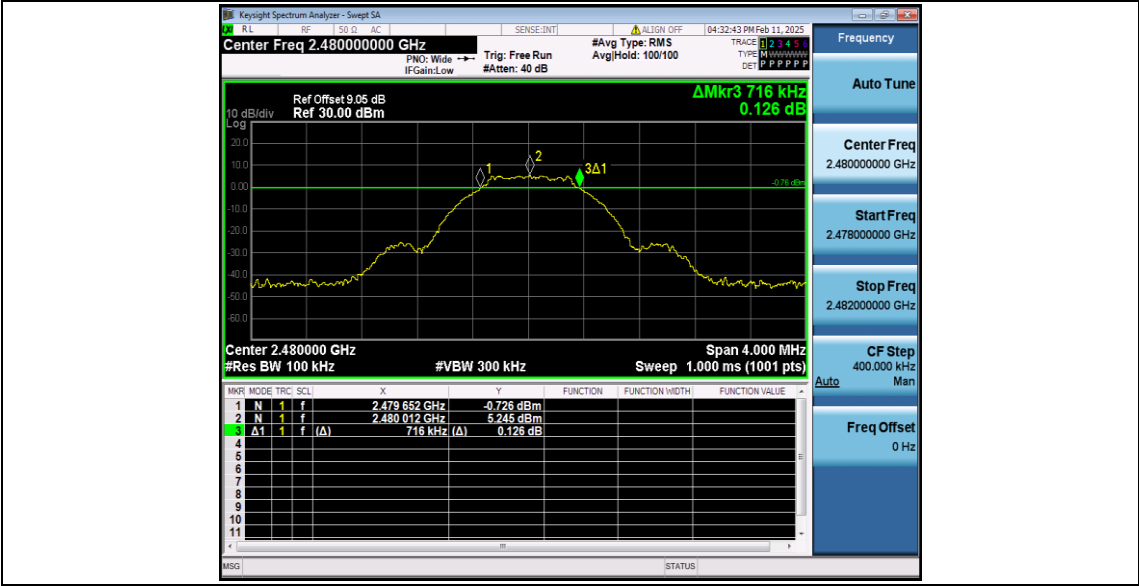
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.716	2401.652	2402.368	0.5	PASS
		2440	0.724	2439.648	2440.372	0.5	PASS
		2480	0.716	2479.652	2480.368	0.5	PASS

Test Graphs



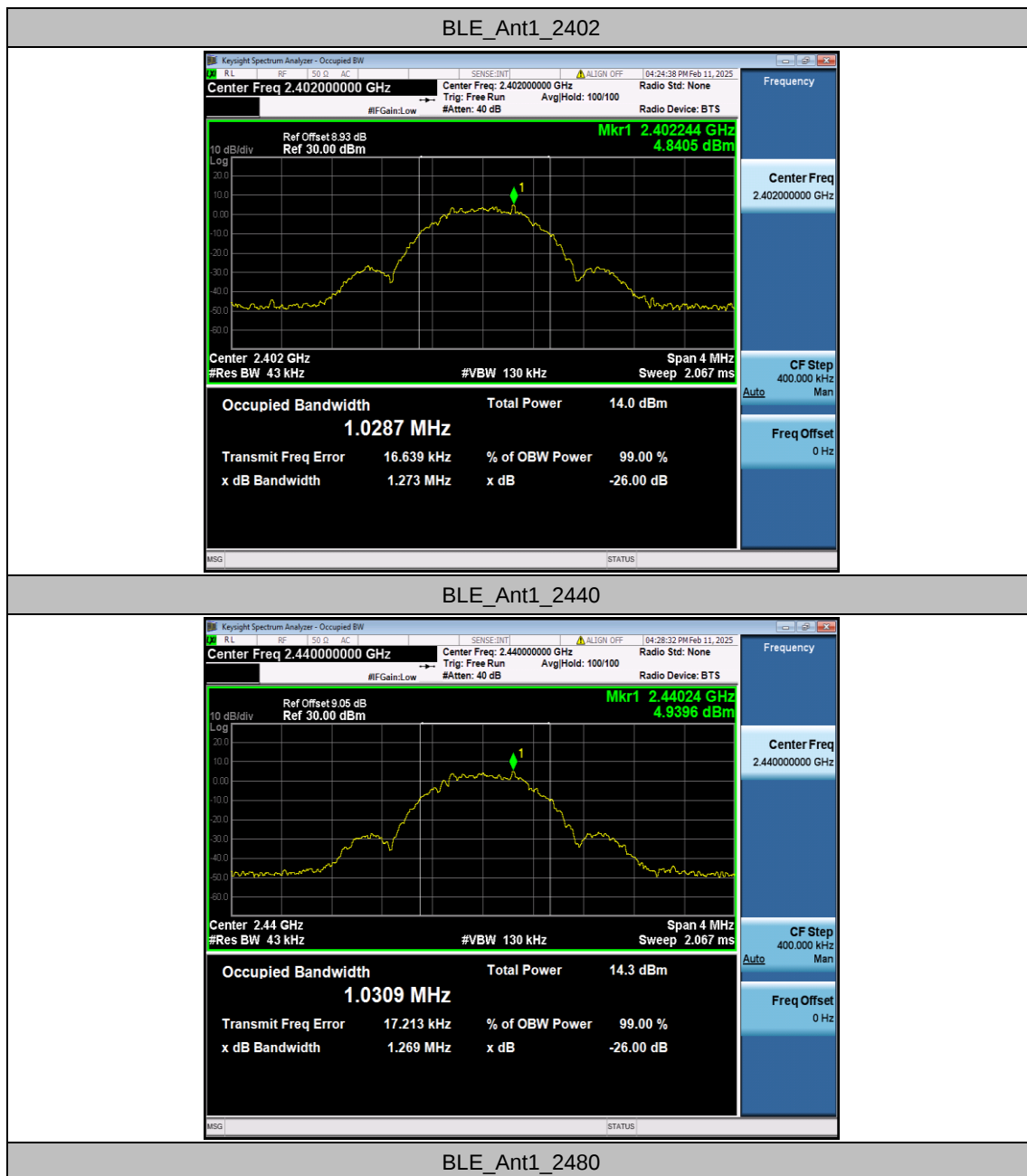


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0287	2401.5023	2402.5310	---	---
		2440	1.0309	2439.5018	2440.5327	---	---
		2480	1.0241	2479.5047	2480.5288	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

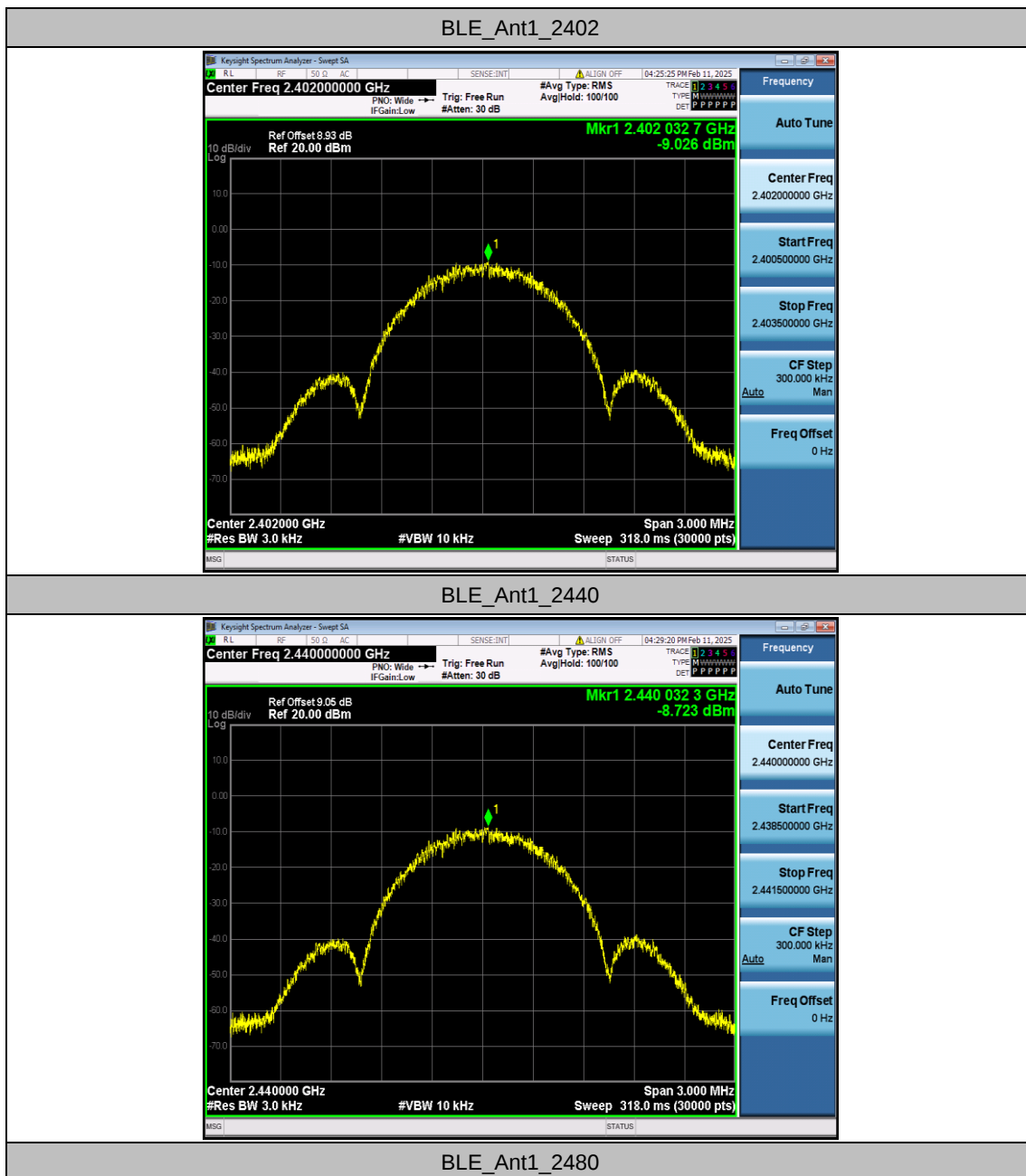
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	7.41	≤30	PASS
		2440	7.74	≤30	PASS
		2480	6.51	≤30	PASS

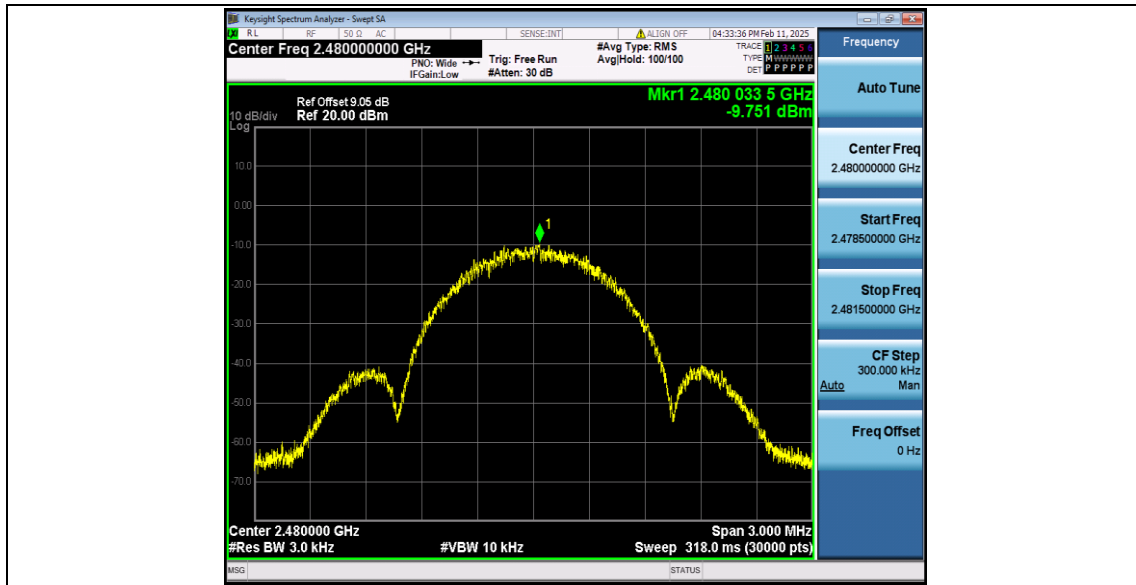
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-9.03	≤8.00	PASS
		2440	-8.72	≤8.00	PASS
		2480	-9.75	≤8.00	PASS

Test Graphs



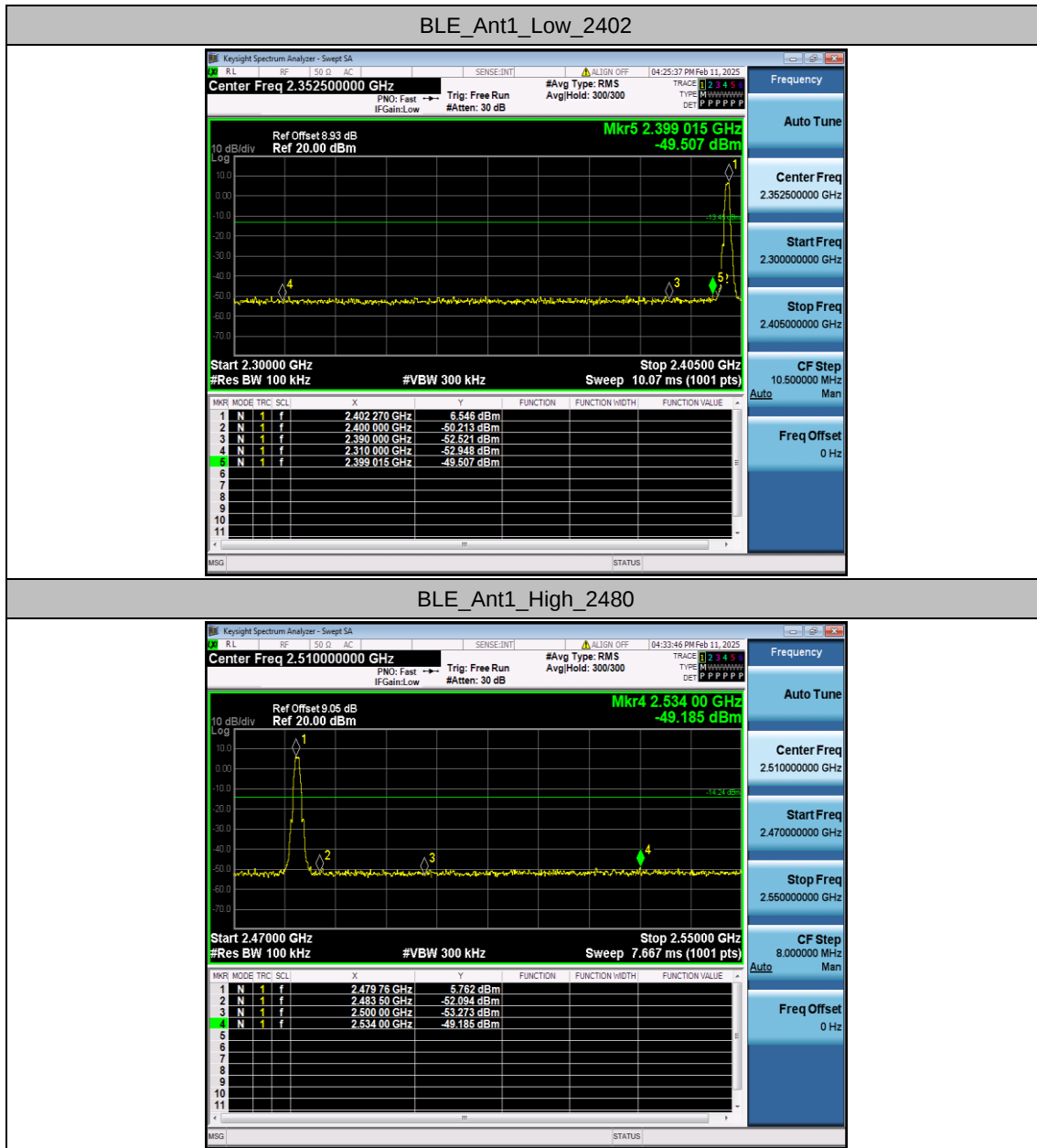


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	6.55	-49.51	≤ -13.45	PASS
		High	2480	5.76	-49.19	≤ -14.24	PASS

Test Graphs

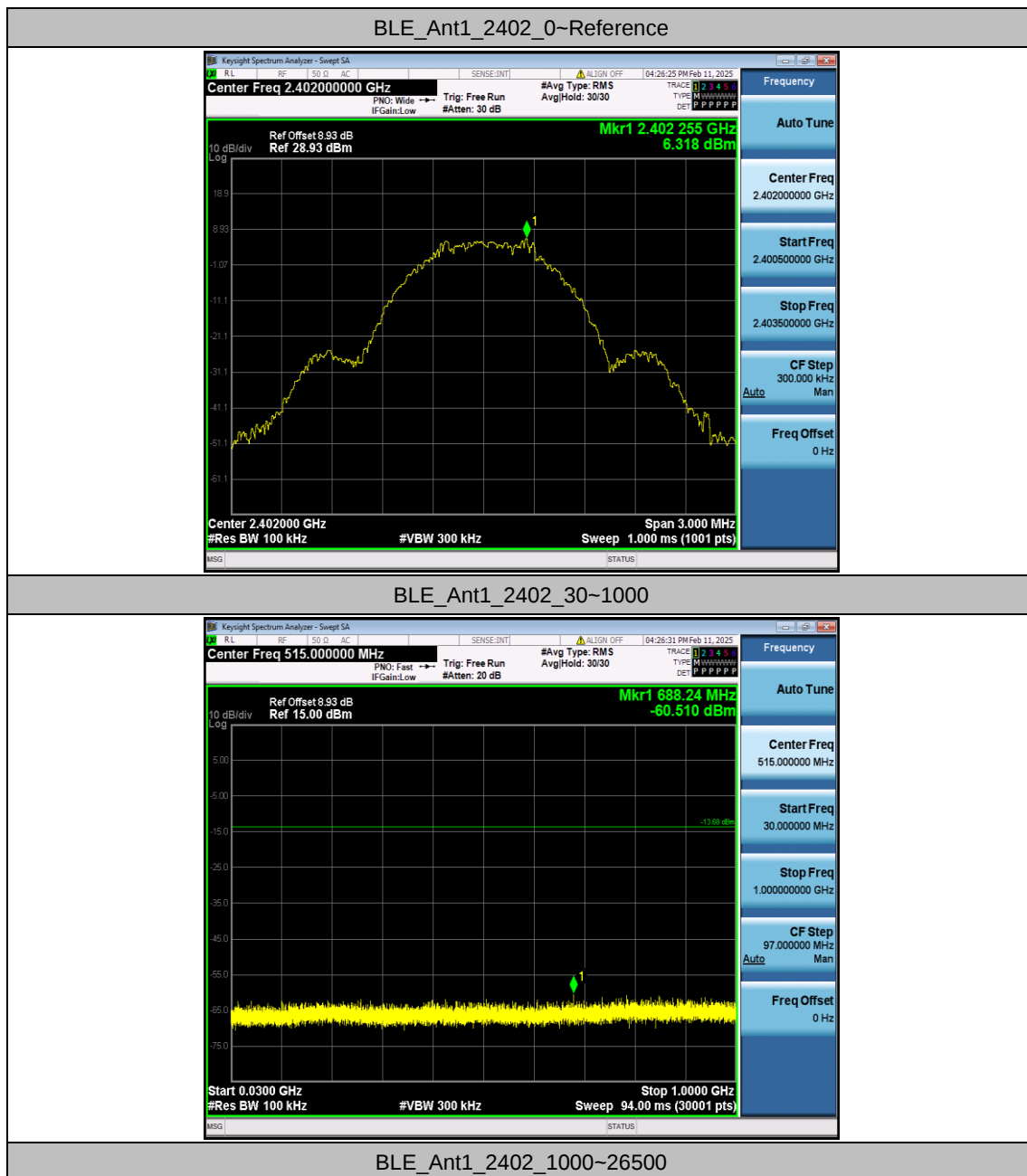


Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	6.32	6.32	---	PASS
			30~1000	6.32	-60.51	≤ -13.68	PASS
			1000~26500	6.32	-46.09	≤ -13.68	PASS
		2440	Reference	6.37	6.37	---	PASS
			30~1000	6.37	-60.25	≤ -13.63	PASS
			1000~26500	6.37	-46.57	≤ -13.63	PASS
		2480	Reference	5.83	5.83	---	PASS
			30~1000	5.83	-60.68	≤ -14.17	PASS
			1000~26500	5.83	-46.77	≤ -14.17	PASS

Test Graphs





BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000

