

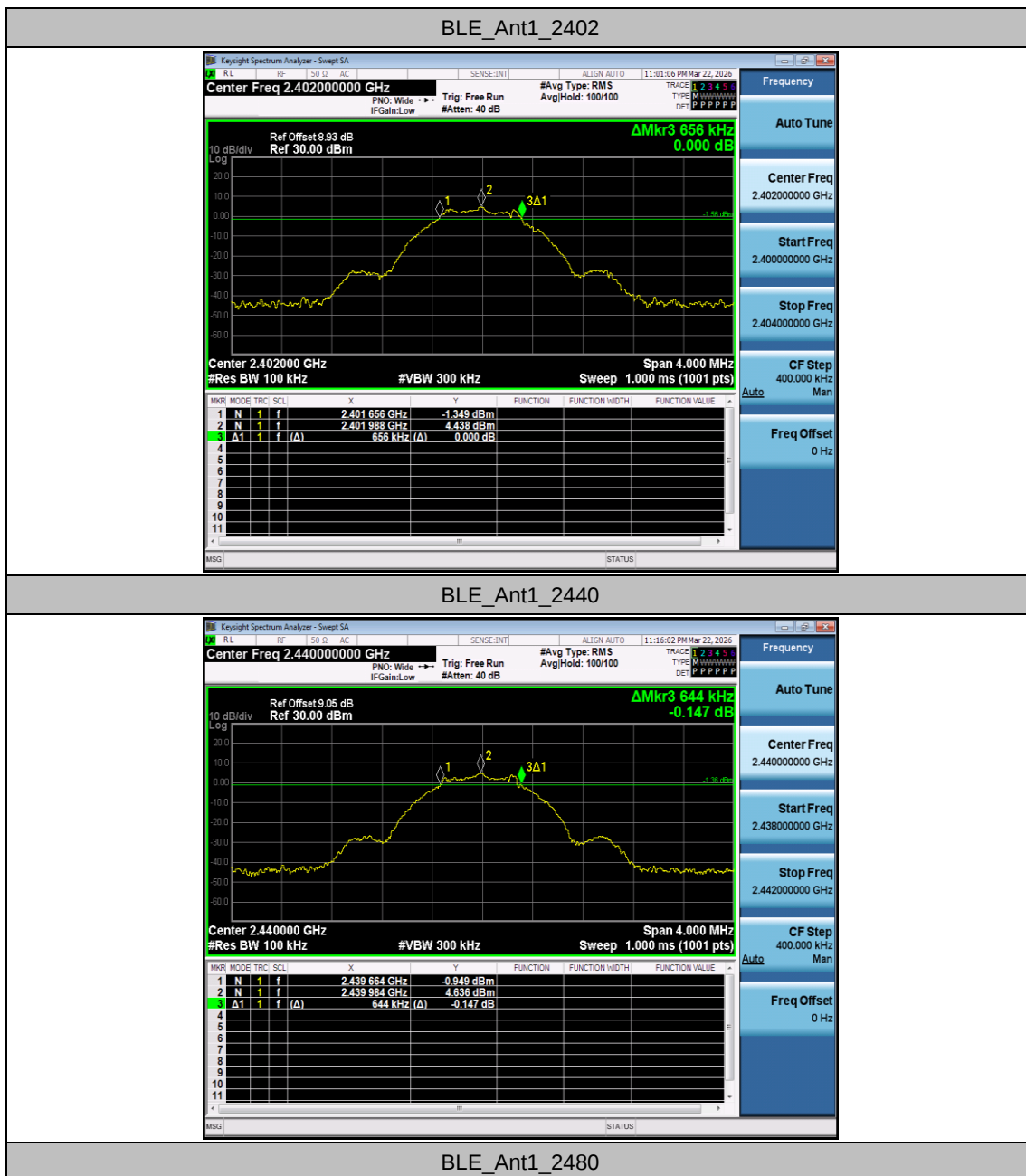
Case No. : <u>GTS20251215008-1-02</u>
Ambient Condition: <u>21</u> °C, <u>48</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.2.30-2026.7.31</u> Test Engineer: <u>Evan ouyang</u>

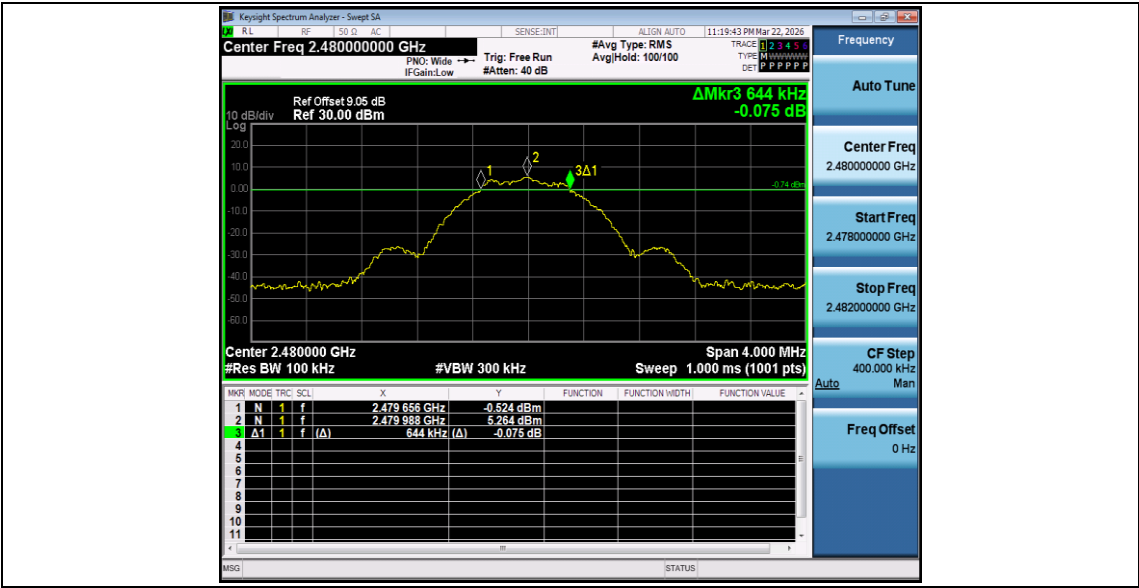
AppendixB.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.656	2401.656	2402.312	0.5	PASS
		2440	0.644	2439.664	2440.308	0.5	PASS
		2480	0.644	2479.656	2480.300	0.5	PASS

Test Graphs



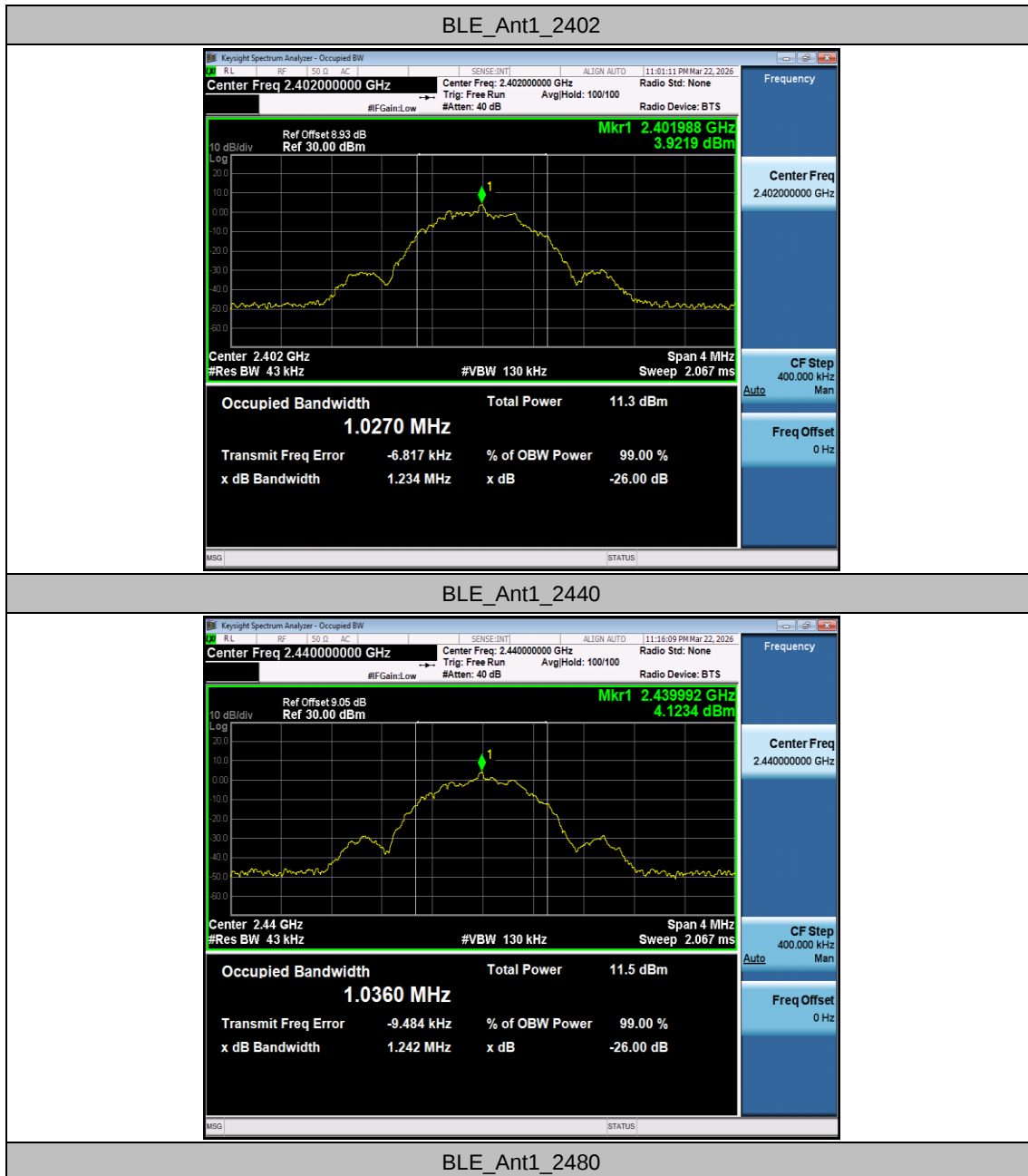


AppendixB.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0270	2401.4797	2402.5067	---	---
		2440	1.0360	2439.4725	2440.5085	---	---
		2480	1.0352	2479.4698	2480.5050	---	---

Test Graphs





AppendixB.3: Maximum conducted output power

Test Result Peak

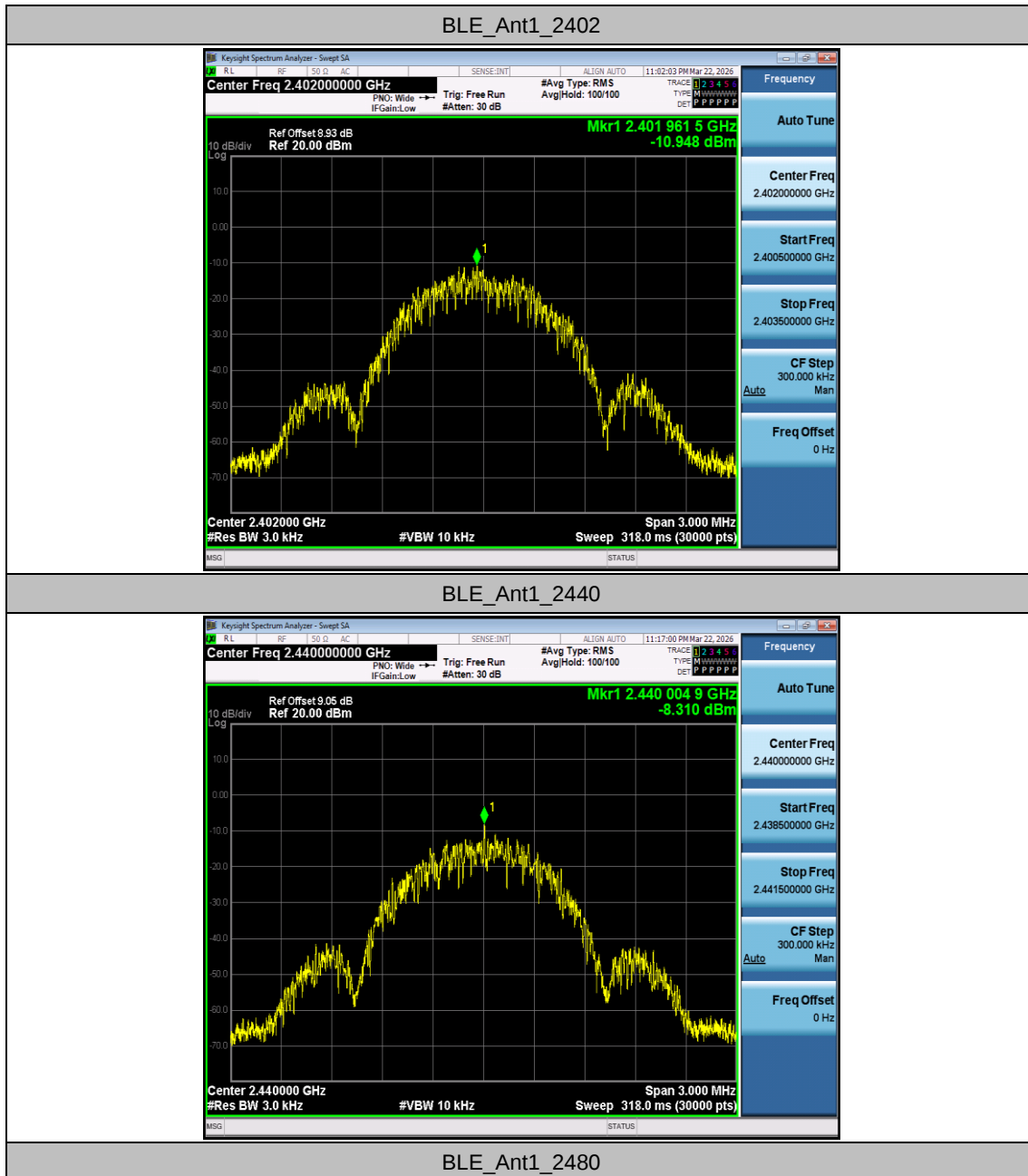
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	5.67	≤30	PASS
		2440	5.88	≤30	PASS
		2480	6.55	≤30	PASS

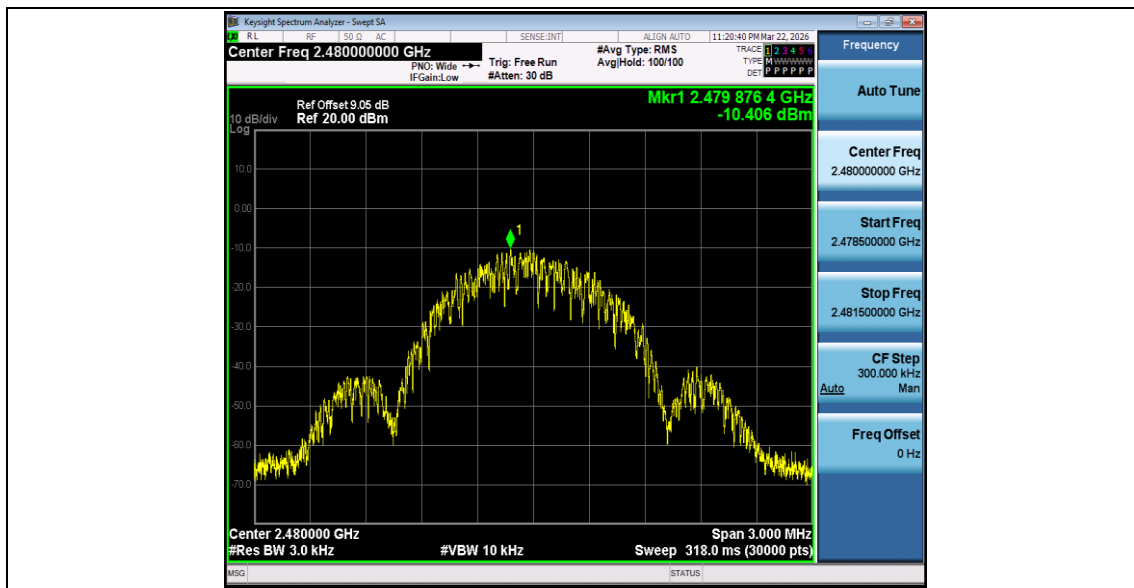
AppendixB.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-10.95	≤8.00	PASS
		2440	-8.31	≤8.00	PASS
		2480	-10.41	≤8.00	PASS

Test Graphs



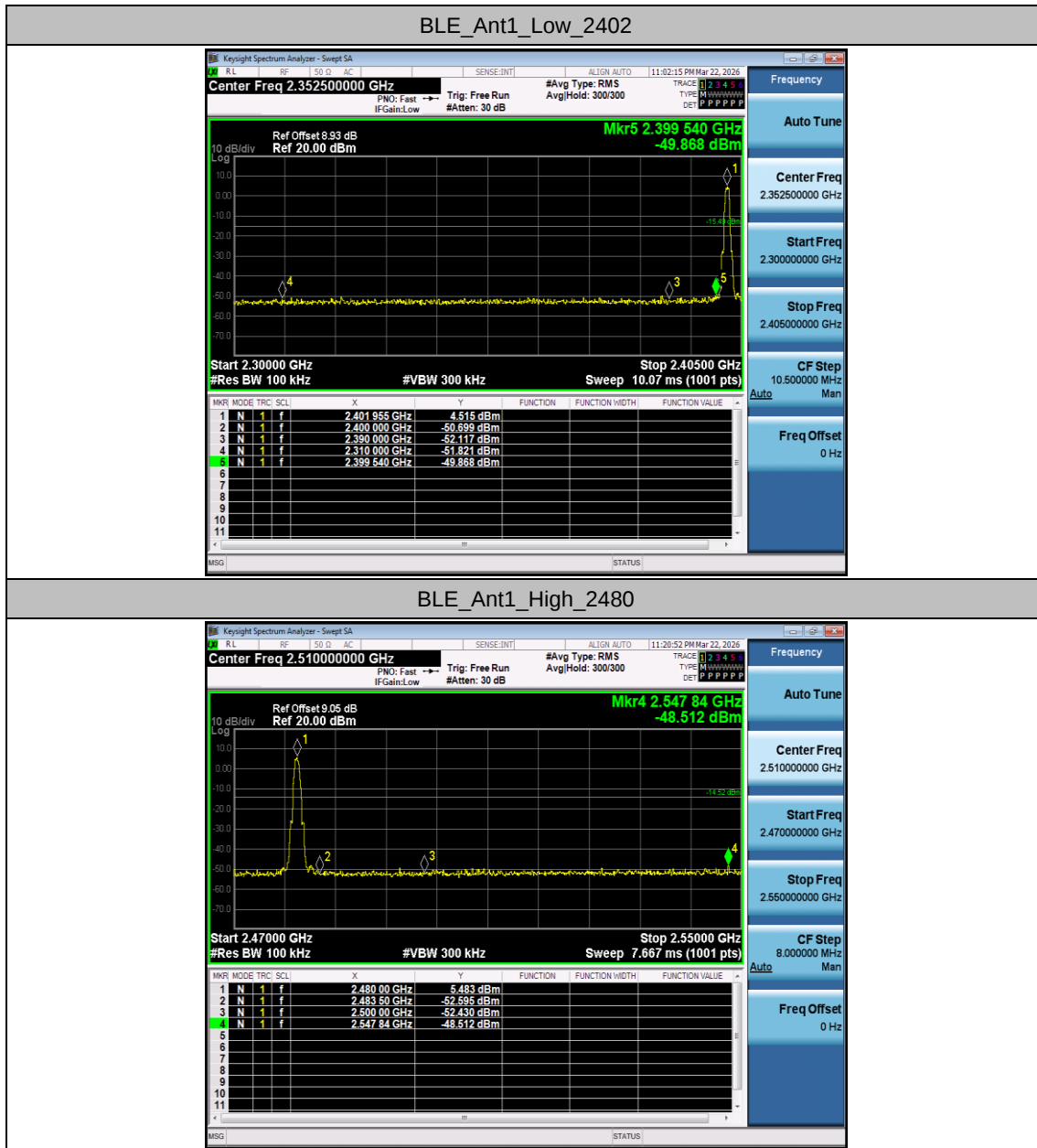


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	4.52	-49.87	≤-15.49	PASS
		High	2480	5.48	-48.51	≤-14.52	PASS

Test Graphs

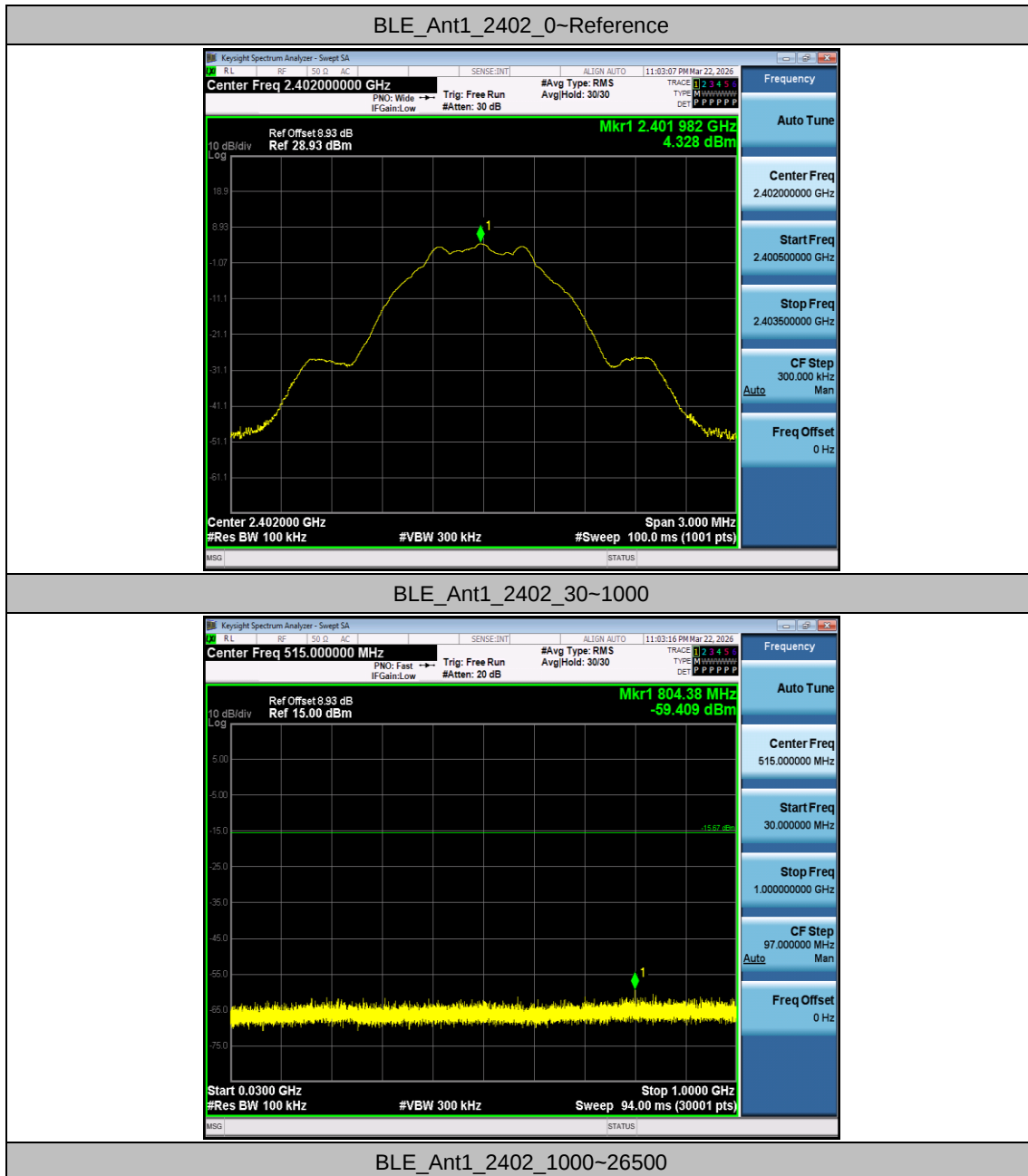


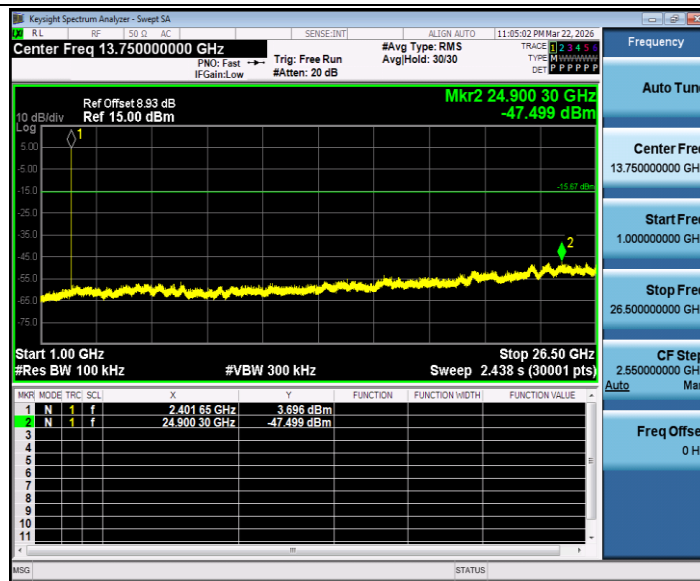
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	4.33	4.33	---	PASS
			30~1000	4.33	-59.41	≤-15.67	PASS
			1000~26500	4.33	-47.5	≤-15.67	PASS
		2440	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-60.18	≤-15.46	PASS
			1000~26500	4.54	-47.36	≤-15.46	PASS
		2480	Reference	5.25	5.25	---	PASS
			30~1000	5.25	-61	≤-14.75	PASS
			1000~26500	5.25	-47.96	≤-14.75	PASS

Test Graphs

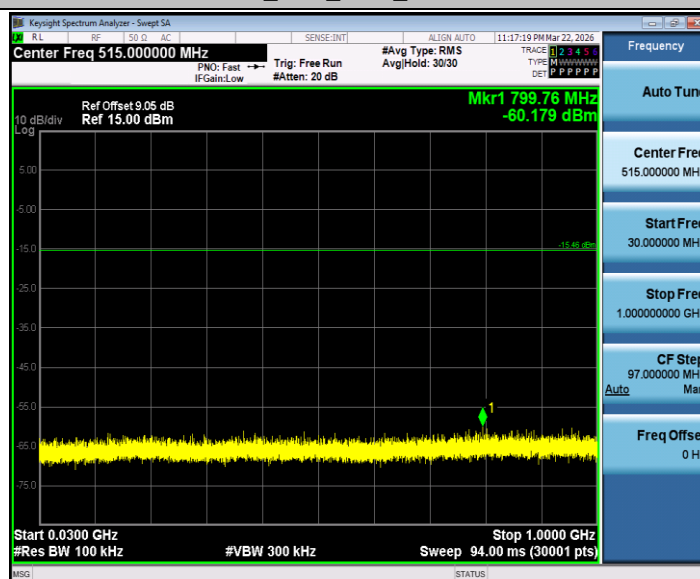




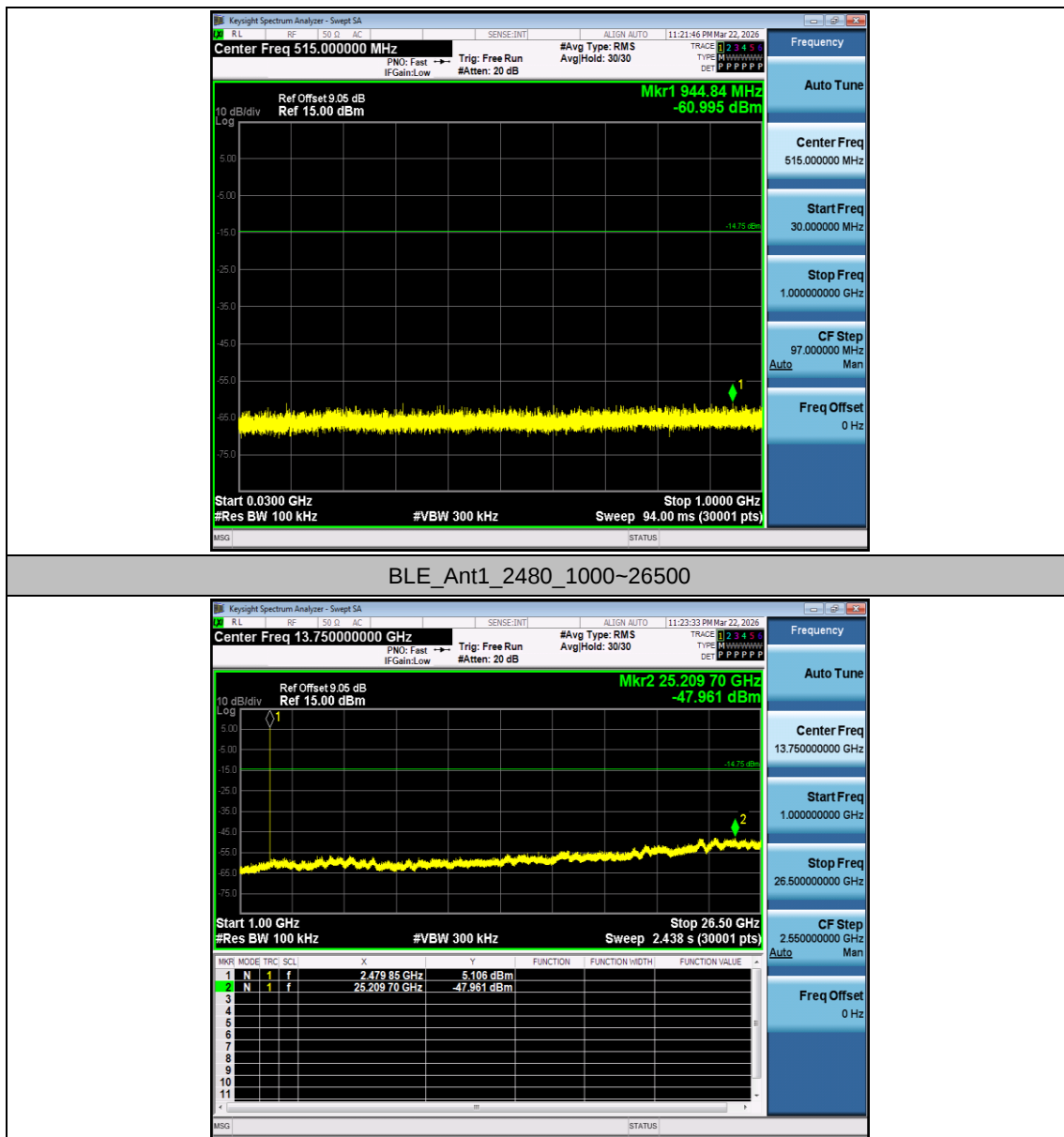
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000







AppendixB.7: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
BLE	Ant1	2402	0.39	0.62	0.6290	62.90	2.01	2.56
		2440	0.39	0.63	0.6190	61.90	2.08	2.56
		2480	0.39	0.63	0.6190	61.90	2.08	2.56

Test Graphs

