

Case No. : <u>GTS20251018009-2-03</u>
Ambient Condition: <u>20</u> °C, <u>45</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.1.08-2026.2.28</u> Test Engineer: <u>Evan ouyang</u>

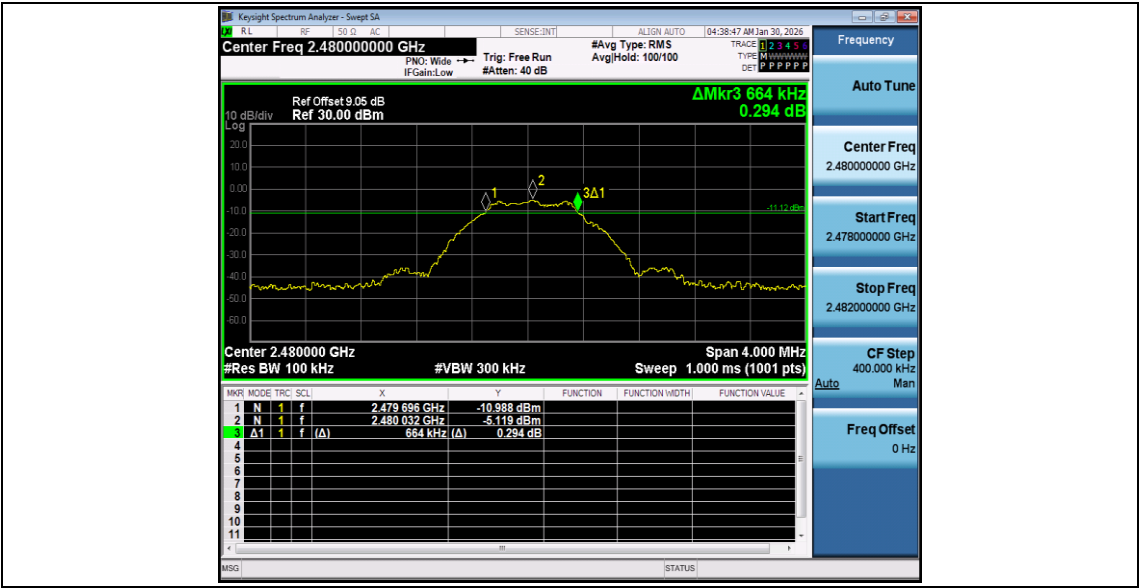
AppendixB.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.684	2401.692	2402.376	0.5	PASS
		2440	0.664	2439.700	2440.364	0.5	PASS
		2480	0.664	2479.696	2480.360	0.5	PASS

Test Graphs



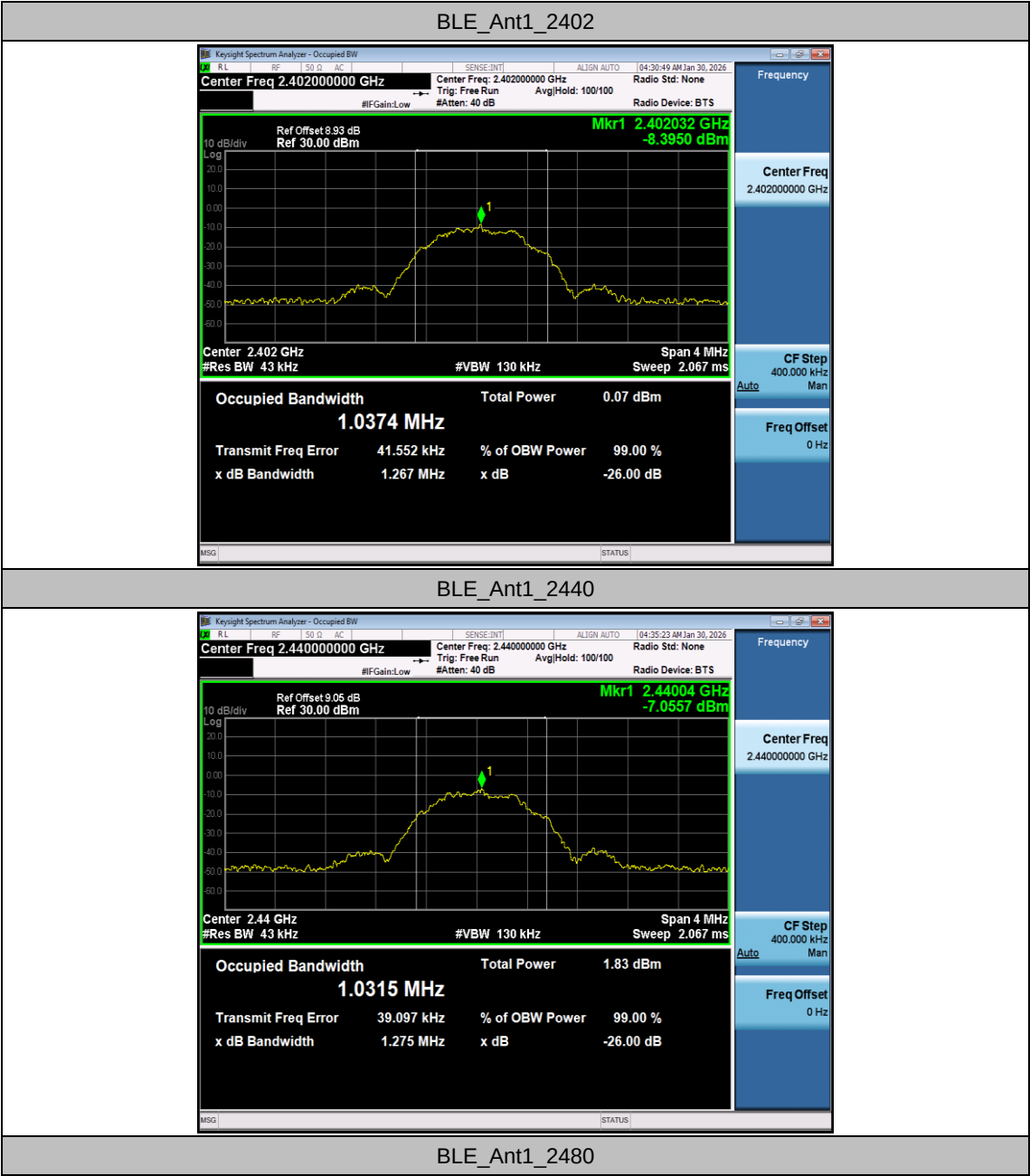


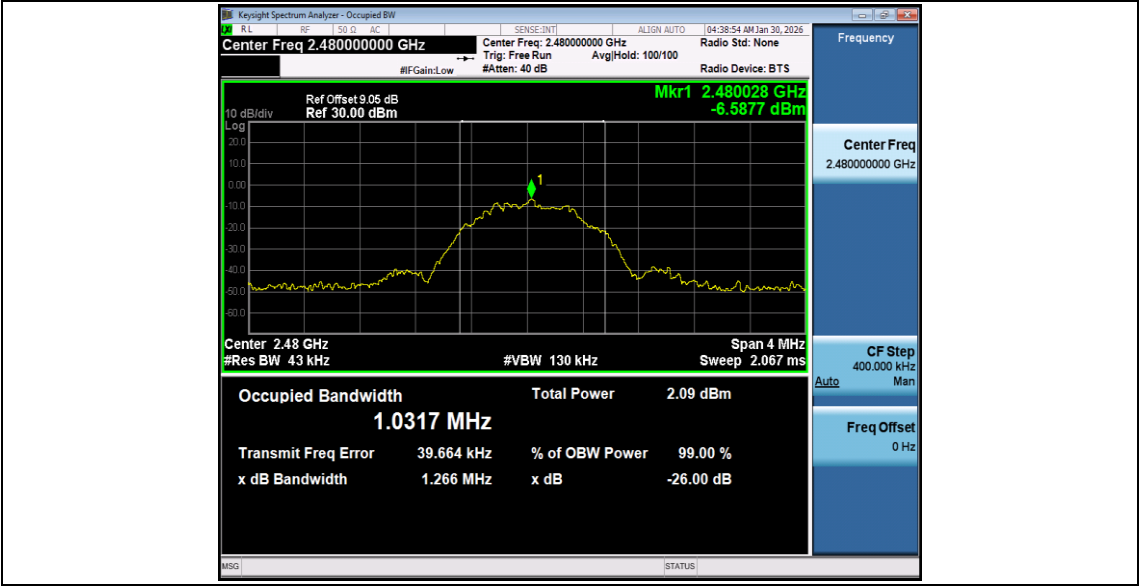
AppendixB.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0374	2401.5229	2402.5603	---	---
		2440	1.0315	2439.5234	2440.5549	---	---
		2480	1.0317	2479.5238	2480.5555	---	---

Test Graphs





AppendixB.3: Maximum conducted output power

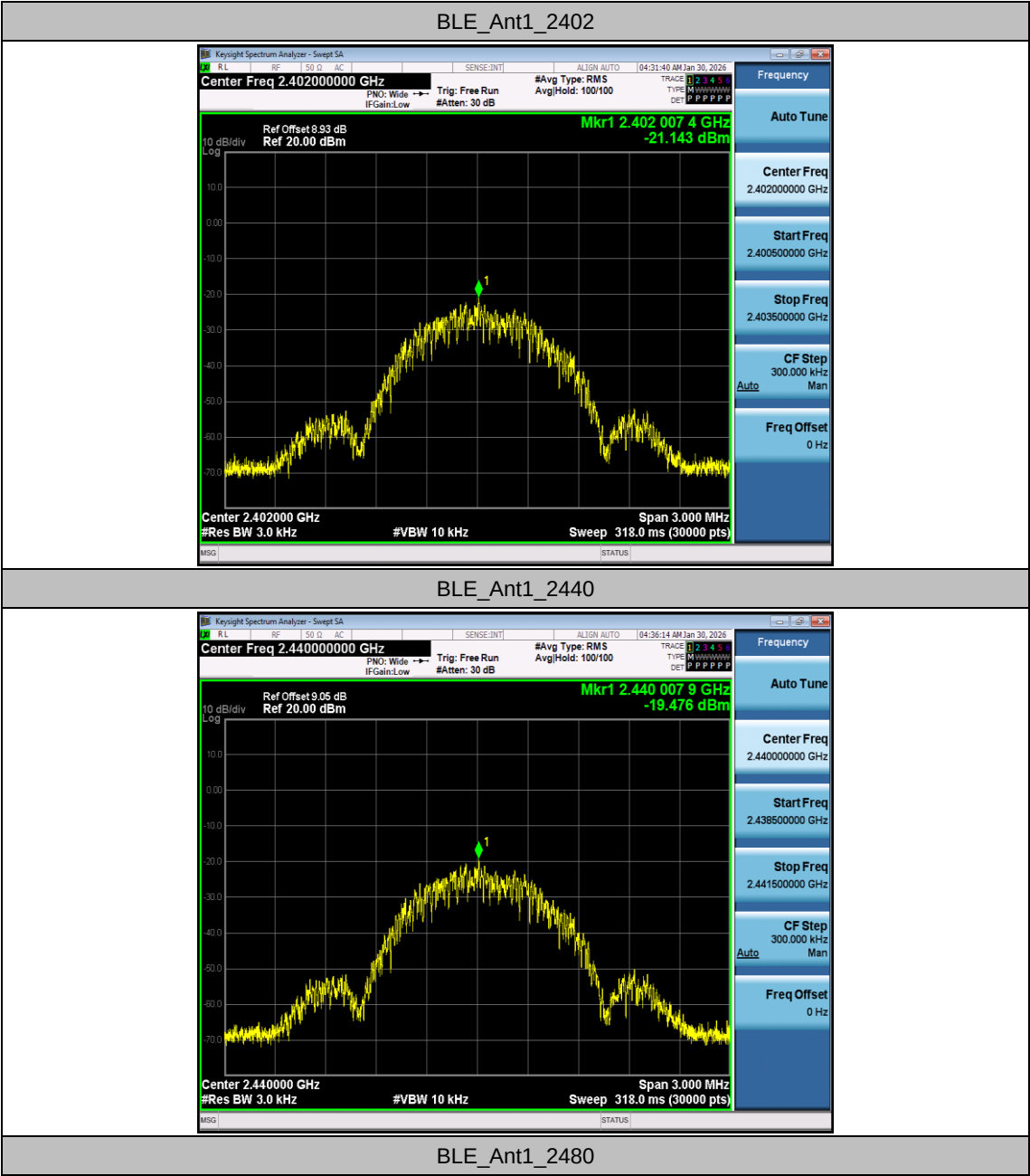
Test Result Peak

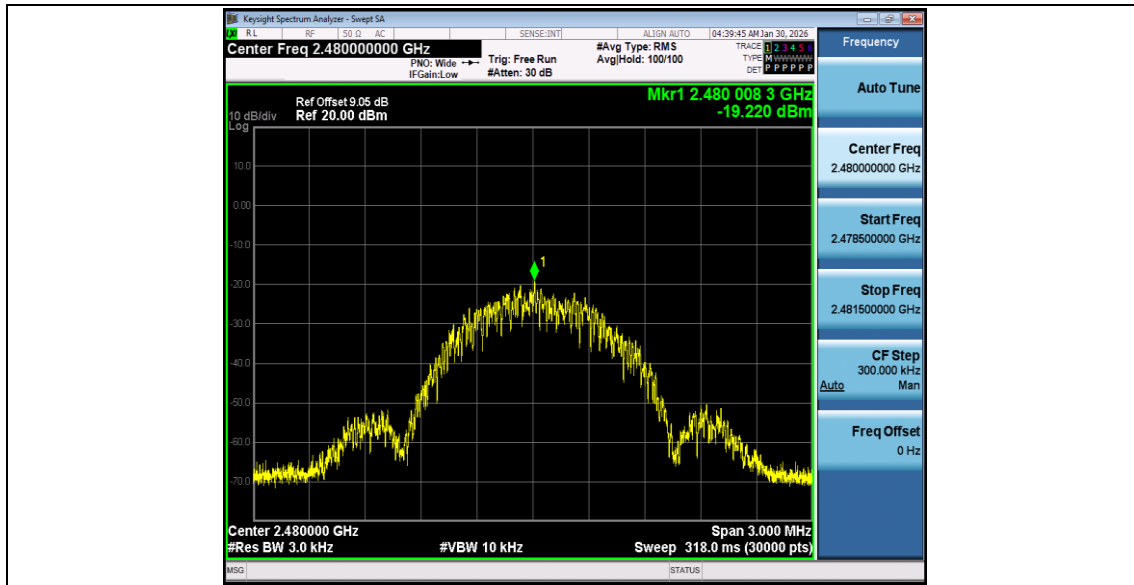
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	-5.94	≤30	PASS
		2440	-4.43	≤30	PASS
		2480	-4.23	≤30	PASS

AppendixB.4: Maximum power spectral density**Test Result**

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-21.14	≤8.00	PASS
		2440	-19.48	≤8.00	PASS
		2480	-19.22	≤8.00	PASS

Test Graphs



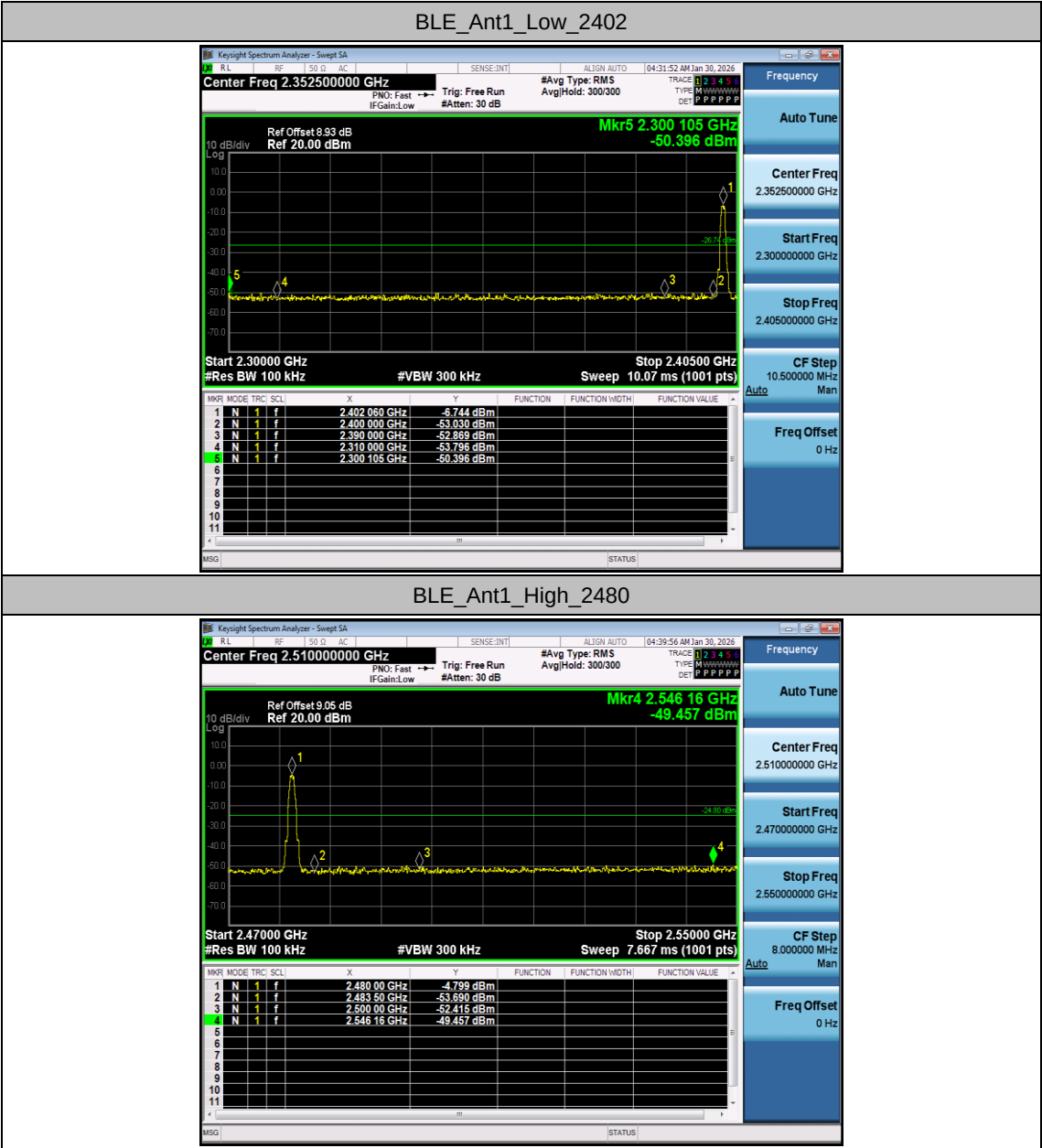


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-6.74	-50.4	≤ -26.74	PASS
		High	2480	-4.80	-49.46	≤ -24.8	PASS

Test Graphs

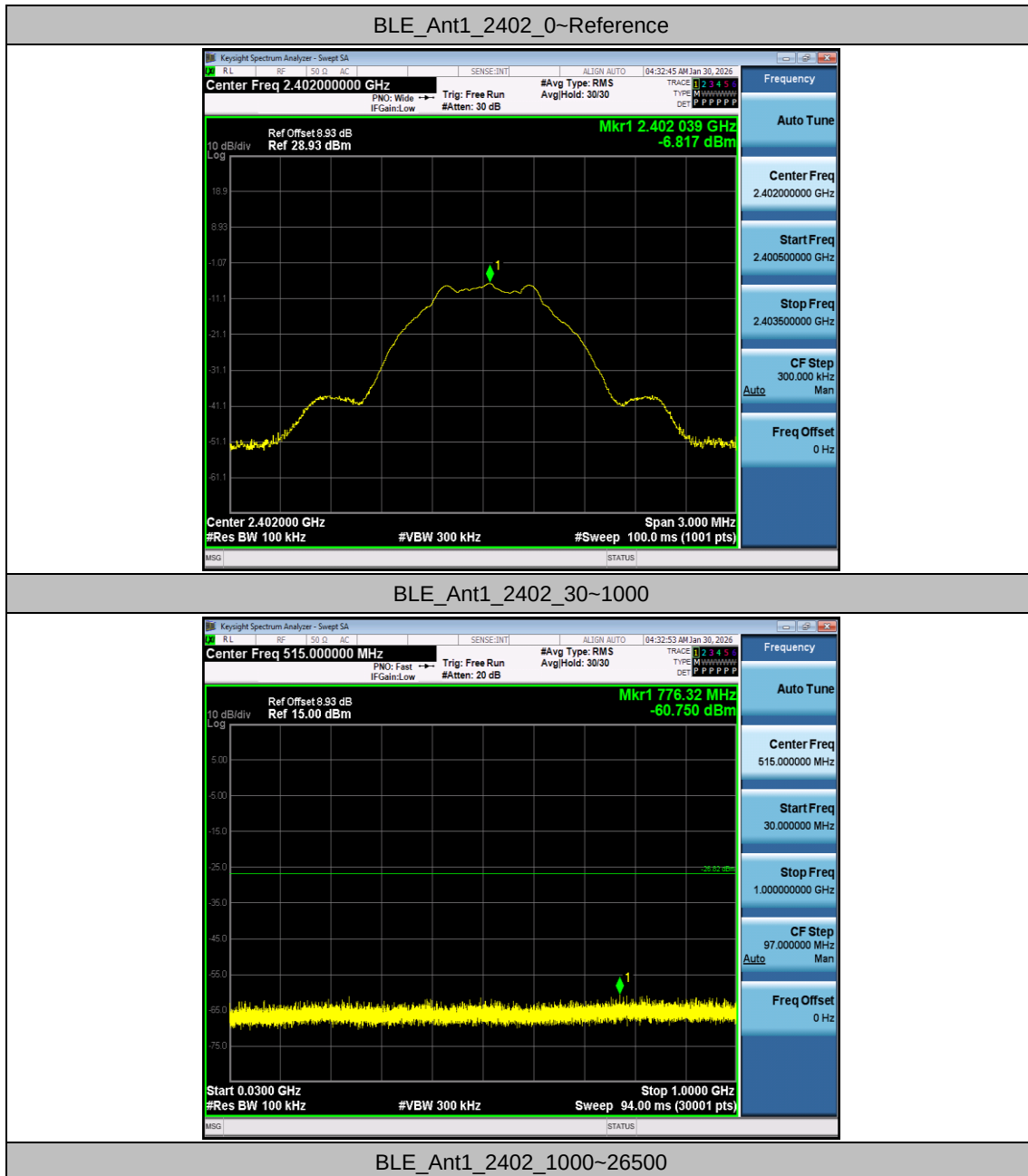


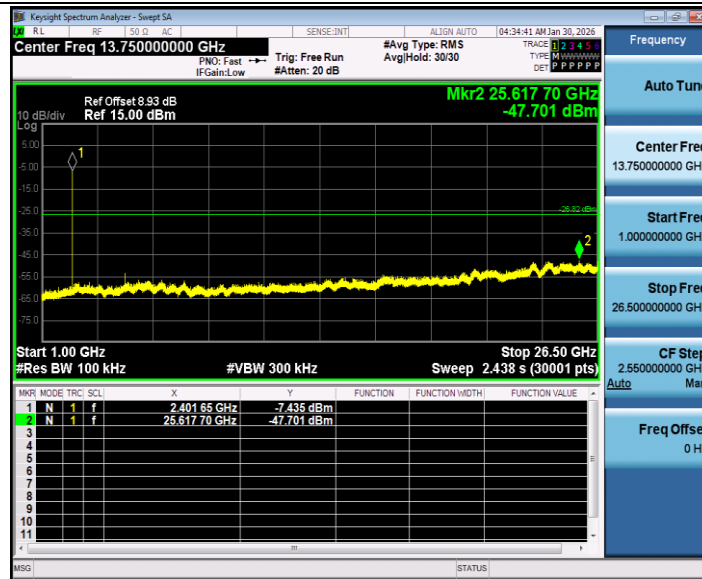
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-6.82	-6.82	---	PASS
			30~1000	-6.82	-60.75	≤ -26.82	PASS
			1000~26500	-6.82	-47.7	≤ -26.82	PASS
		2440	Reference	-5.18	-5.18	---	PASS
			30~1000	-5.18	-59.61	≤ -25.18	PASS
			1000~26500	-5.18	-47.72	≤ -25.18	PASS
		2480	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-60.1	≤ -24.93	PASS
			1000~26500	-4.93	-47	≤ -24.93	PASS

Test Graphs

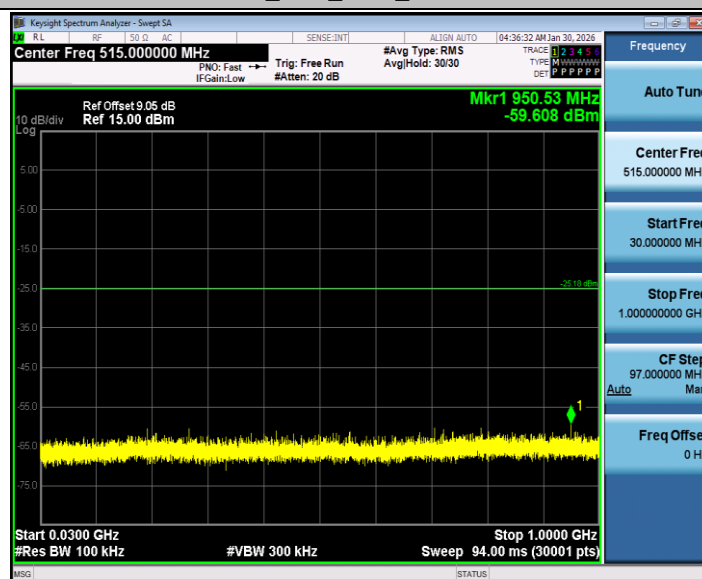




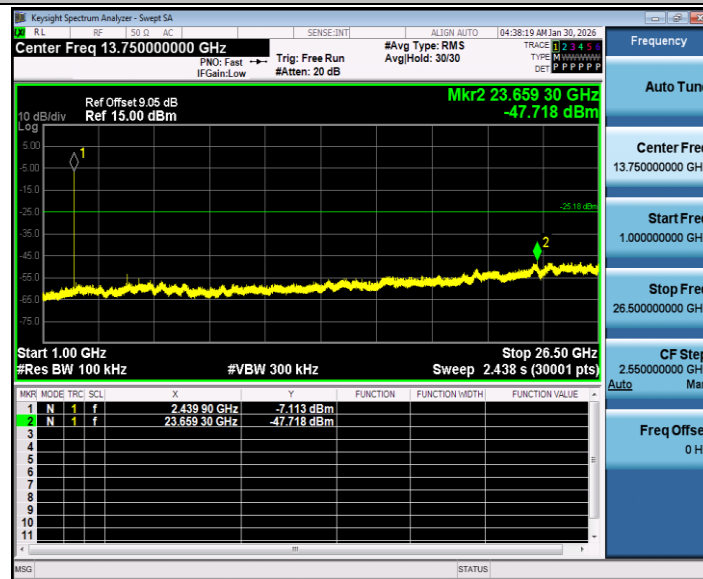
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_30~1000



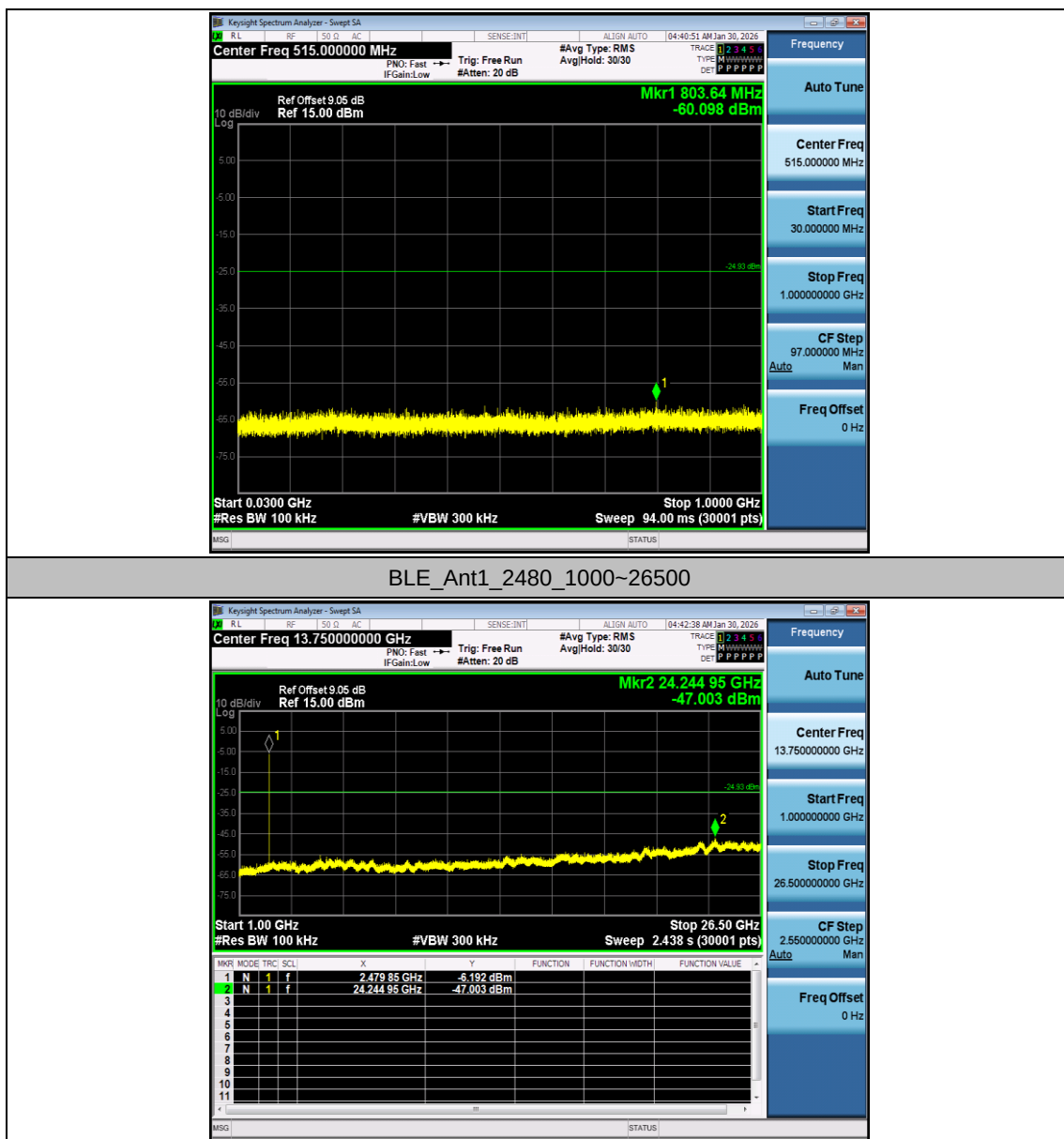
BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_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	0.63	0.6190	61.90	2.08	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

