

Case No. : <u>GTS20250708005-2-02</u>	
Ambient Condition: <u>23</u> °C, <u>54</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.7.15-2025.8.04</u>	Test Engineer: <u>Evan ouyang</u>

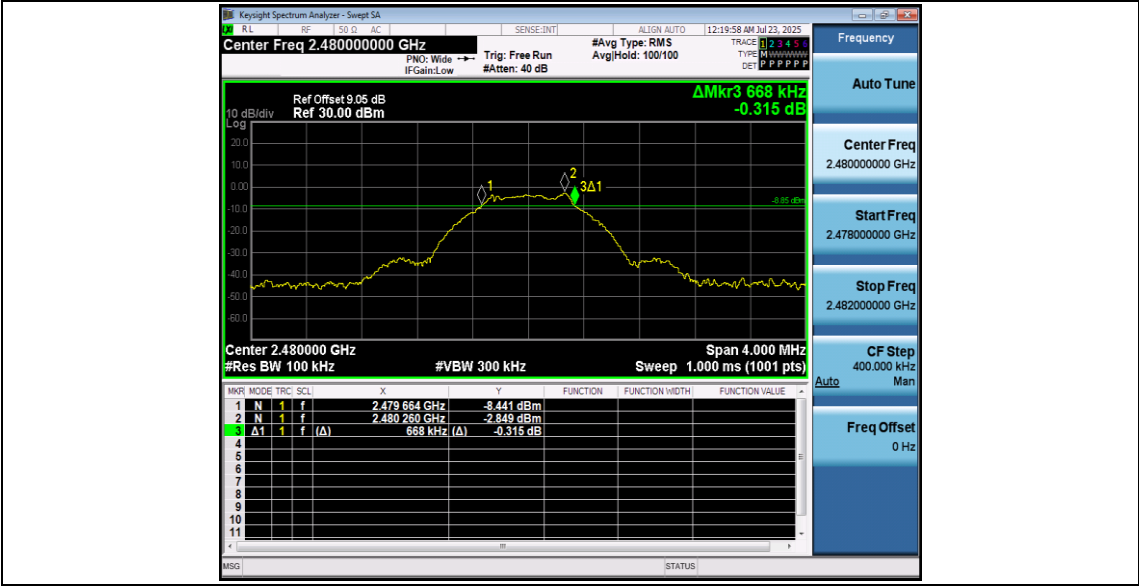
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant2	2402	0.712	2401.644	2402.356	0.5	PASS
		2440	0.684	2439.660	2440.344	0.5	PASS
		2480	0.668	2479.664	2480.332	0.5	PASS

Test Graphs



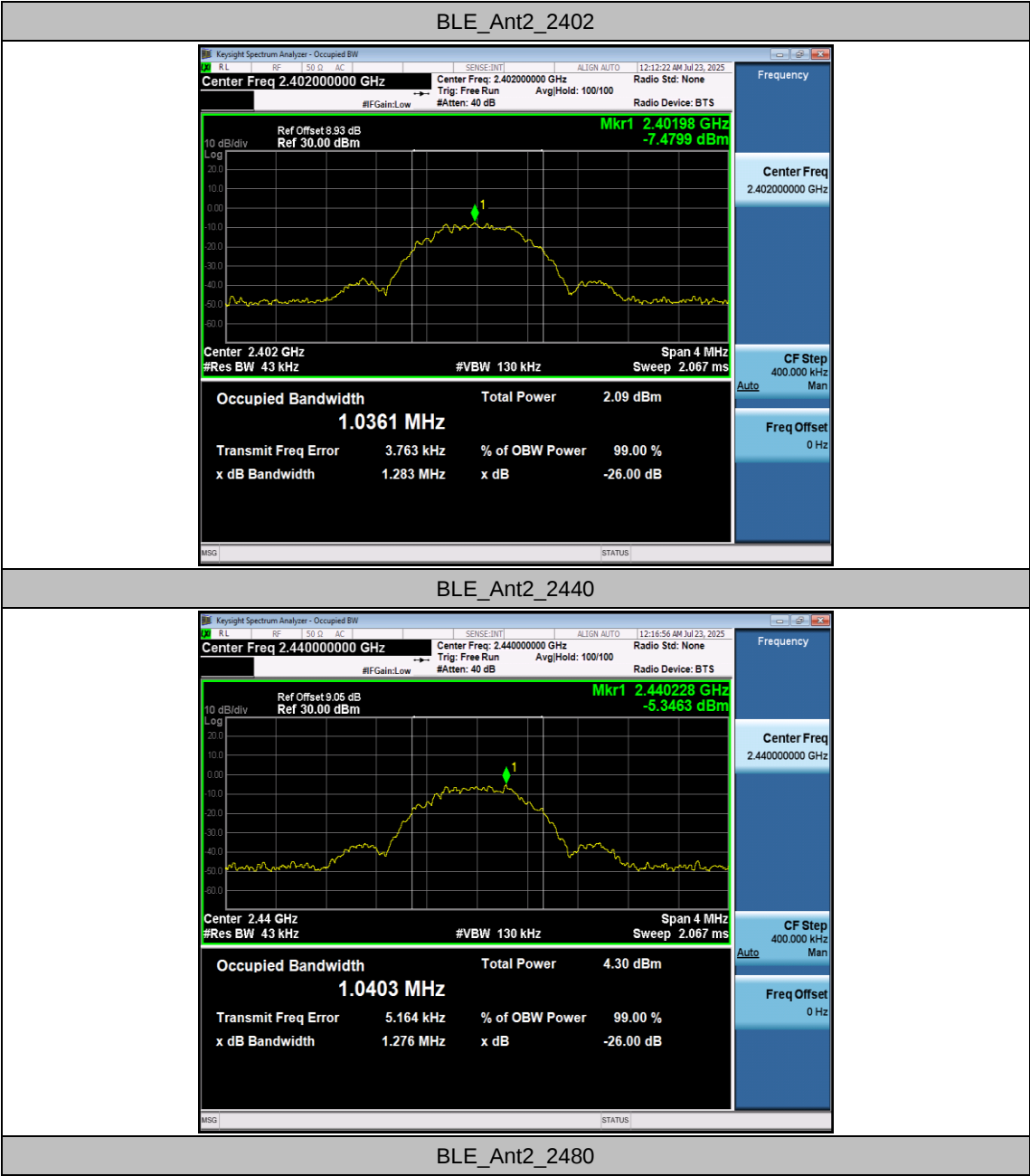


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant2	2402	1.0361	2401.4857	2402.5218	---	---
		2440	1.0403	2439.4850	2440.5253	---	---
		2480	1.0366	2479.4881	2480.5247	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

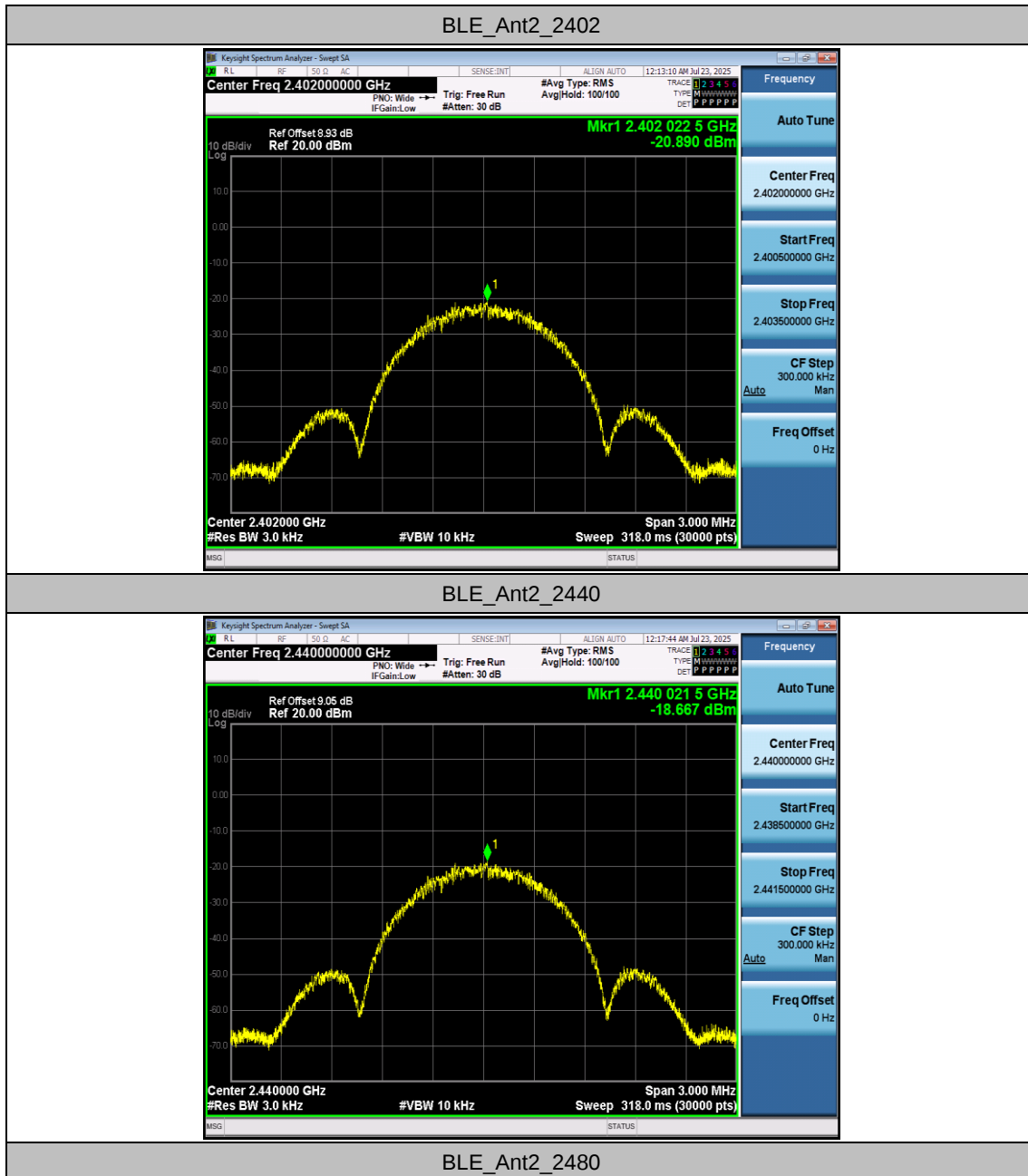
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant2	2402	-3.30	≤30	PASS
		2440	-1.16	≤30	PASS
		2480	-1.21	≤30	PASS

Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant2	2402	-20.89	≤8.00	PASS
		2440	-18.67	≤8.00	PASS
		2480	-18.61	≤8.00	PASS

Test Graphs



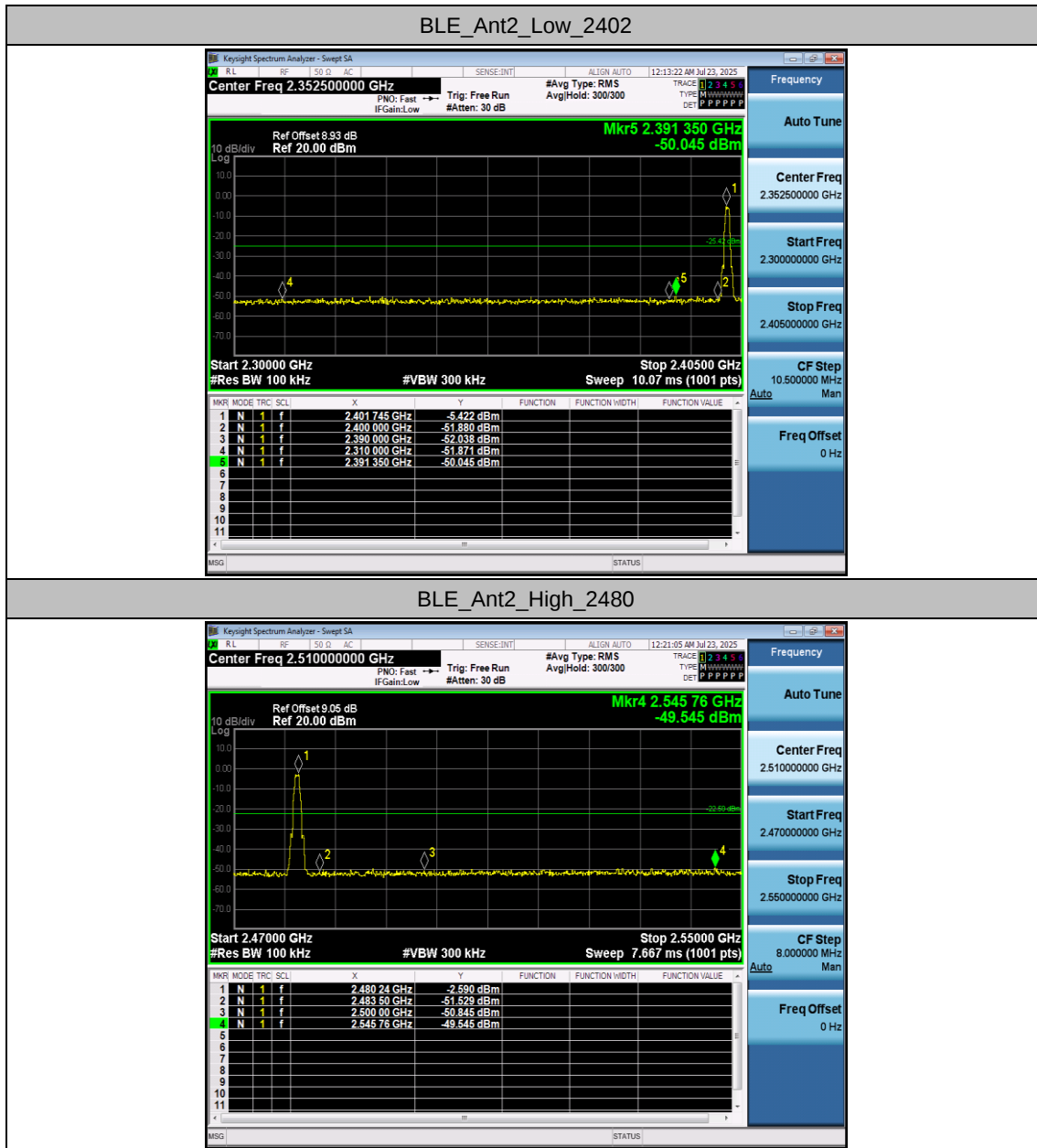


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant2	Low	2402	-5.42	-50.05	≤-25.42	PASS
		High	2480	-2.59	-49.55	≤-22.59	PASS

Test Graphs

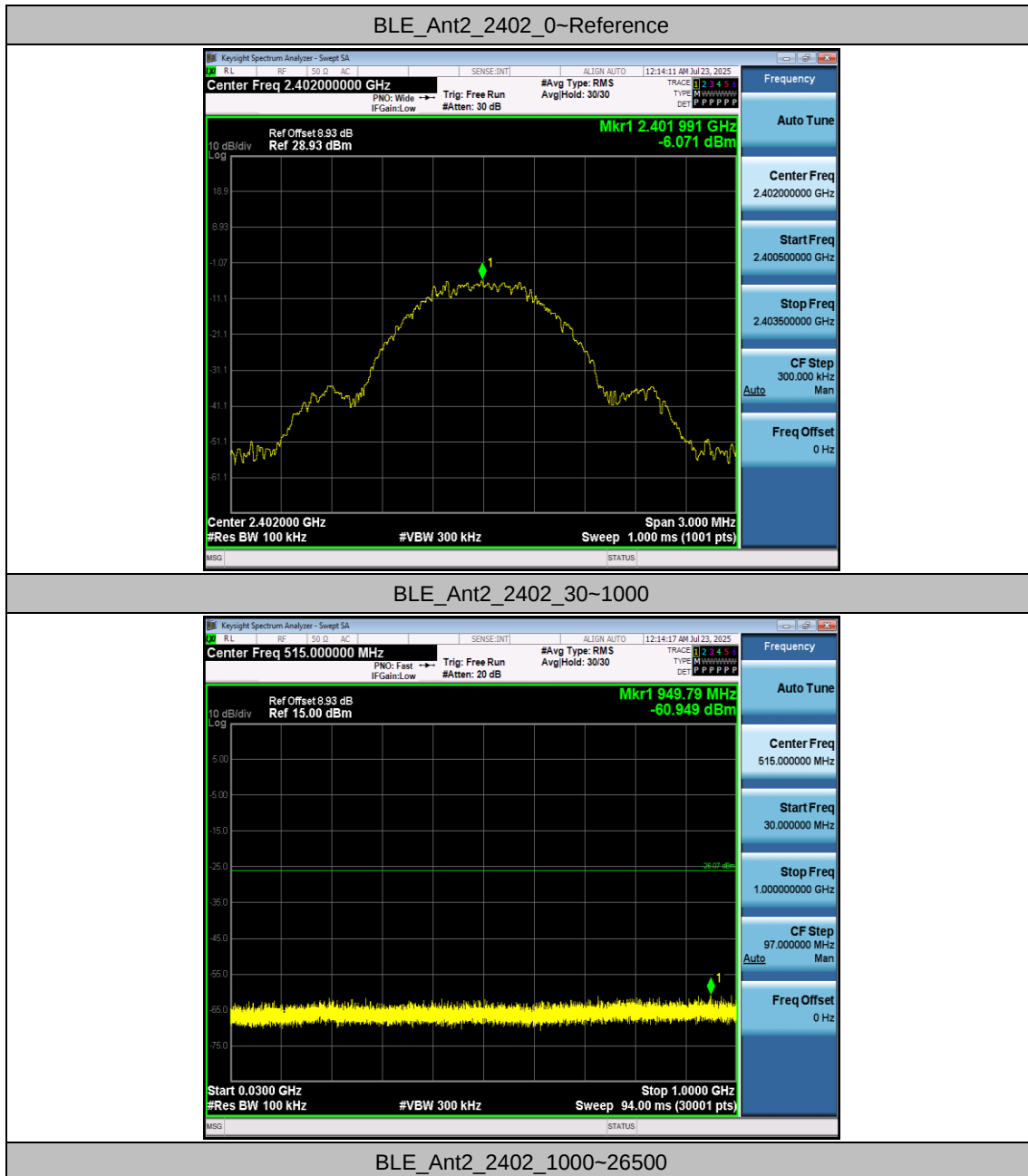


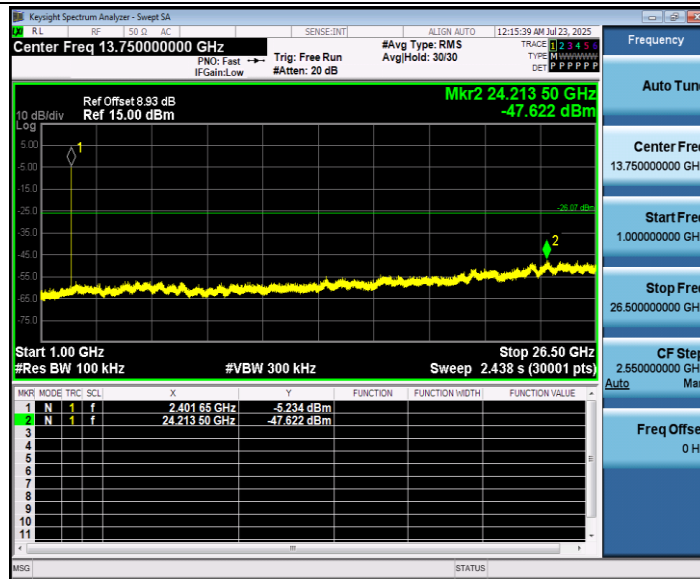
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant2	2402	Reference	-6.07	-6.07	---	PASS
			30~1000	-6.07	-60.95	≤ -26.07	PASS
			1000~26500	-6.07	-47.62	≤ -26.07	PASS
		2440	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-60.36	≤ -23.61	PASS
			1000~26500	-3.61	-47.99	≤ -23.61	PASS
		2480	Reference	-3.74	-3.74	---	PASS
			30~1000	-3.74	-60.47	≤ -23.74	PASS
			1000~26500	-3.74	-47.79	≤ -23.74	PASS

Test Graphs

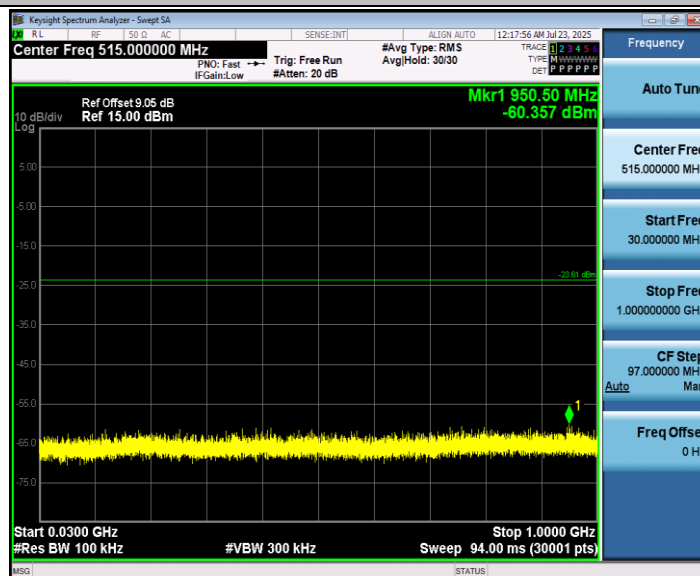




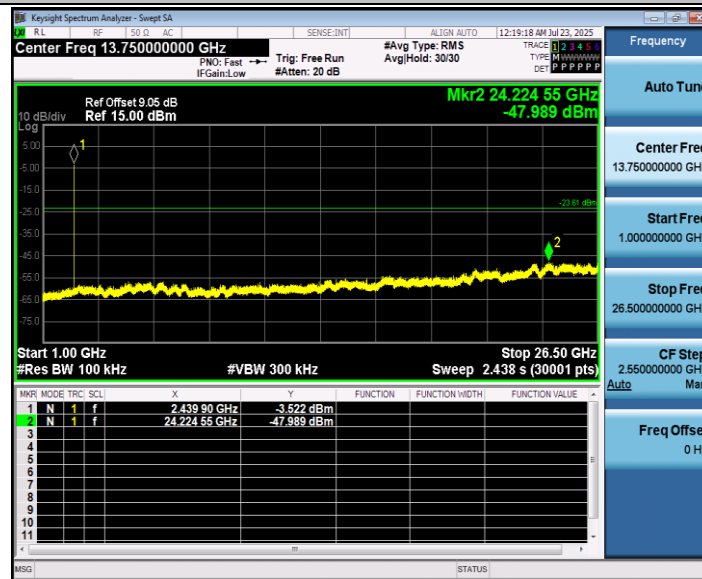
BLE_Ant2_2440_0~Reference



BLE_Ant2_2440_30~1000



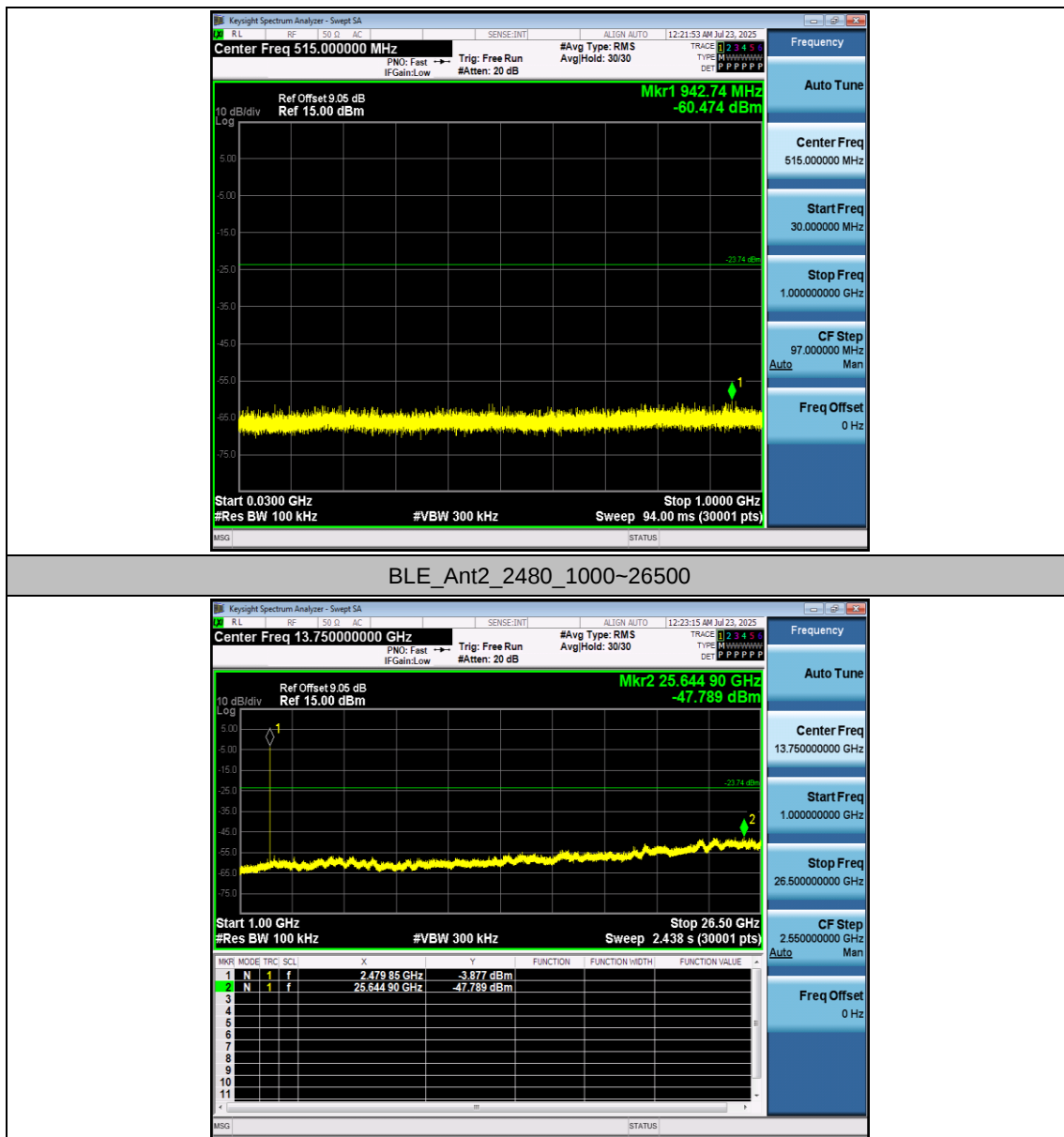
BLE_Ant2_2440_1000~26500



BLE_Ant2_2480_0~Reference



BLE_Ant2_2480_30~1000



Appendix B.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	Ant2	2402	2.13	2.51	0.8486	84.86	0.71	0.47
		2440	2.13	2.50	0.8520	85.20	0.70	0.47
		2480	2.13	2.50	0.8520	85.20	0.70	0.47

Test Graphs

