

Case No. : <u>GTS20260225003-4-10</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2026.4.14</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	0.660	2401.680	2402.340	0.5	PASS
		2440	0.648	2439.688	2440.336	0.5	PASS
		2480	0.660	2479.676	2480.336	0.5	PASS

Test Graphs

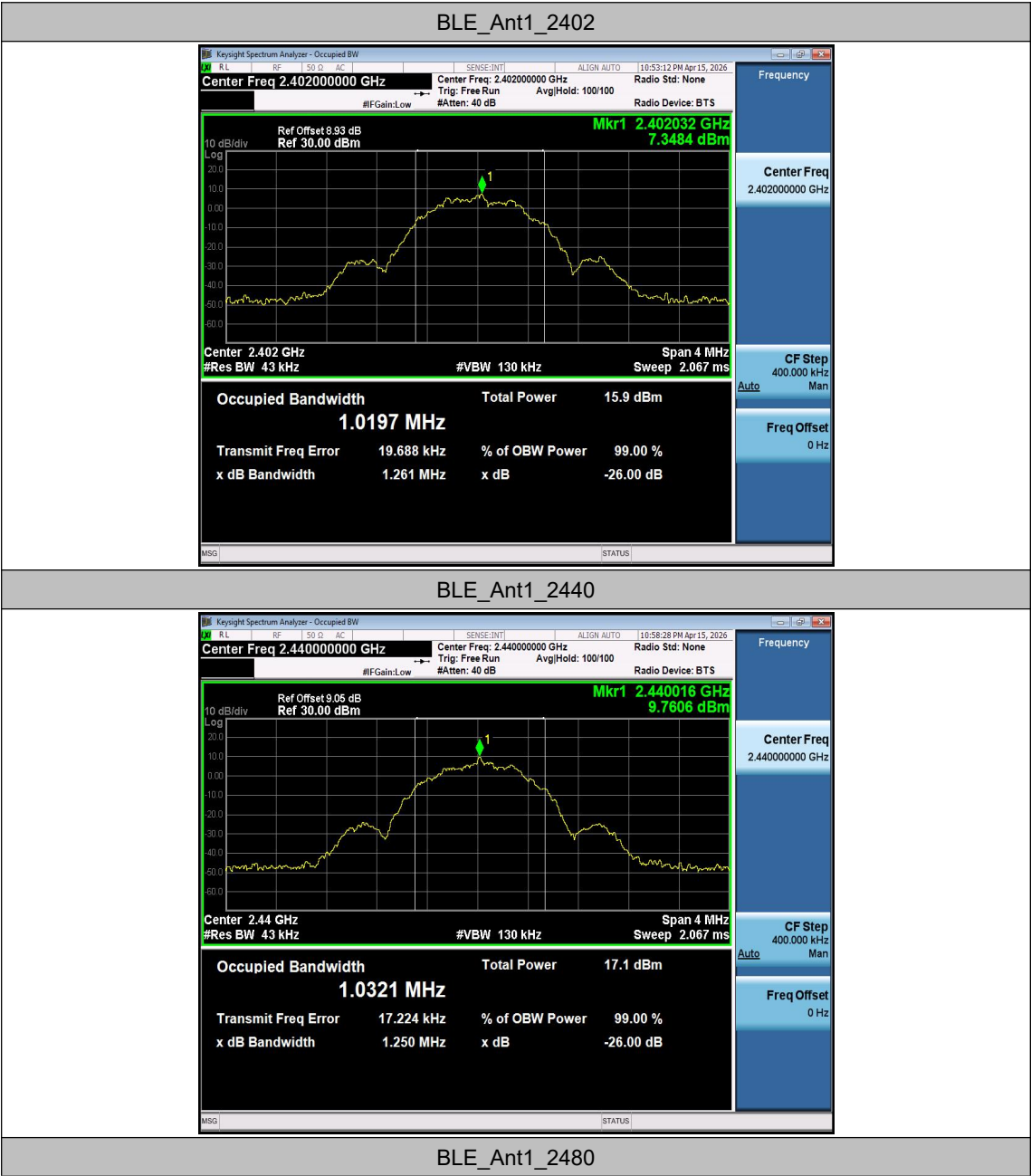


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0197	2401.5098	2402.5295	---	---
		2440	1.0321	2439.5012	2440.5333	---	---
		2480	1.0231	2479.5060	2480.5291	---	---

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	9.38	≤30	PASS
		2440	10.39	≤30	PASS
		2480	9.35	≤30	PASS

Appendix B.4: Maximum power spectral density

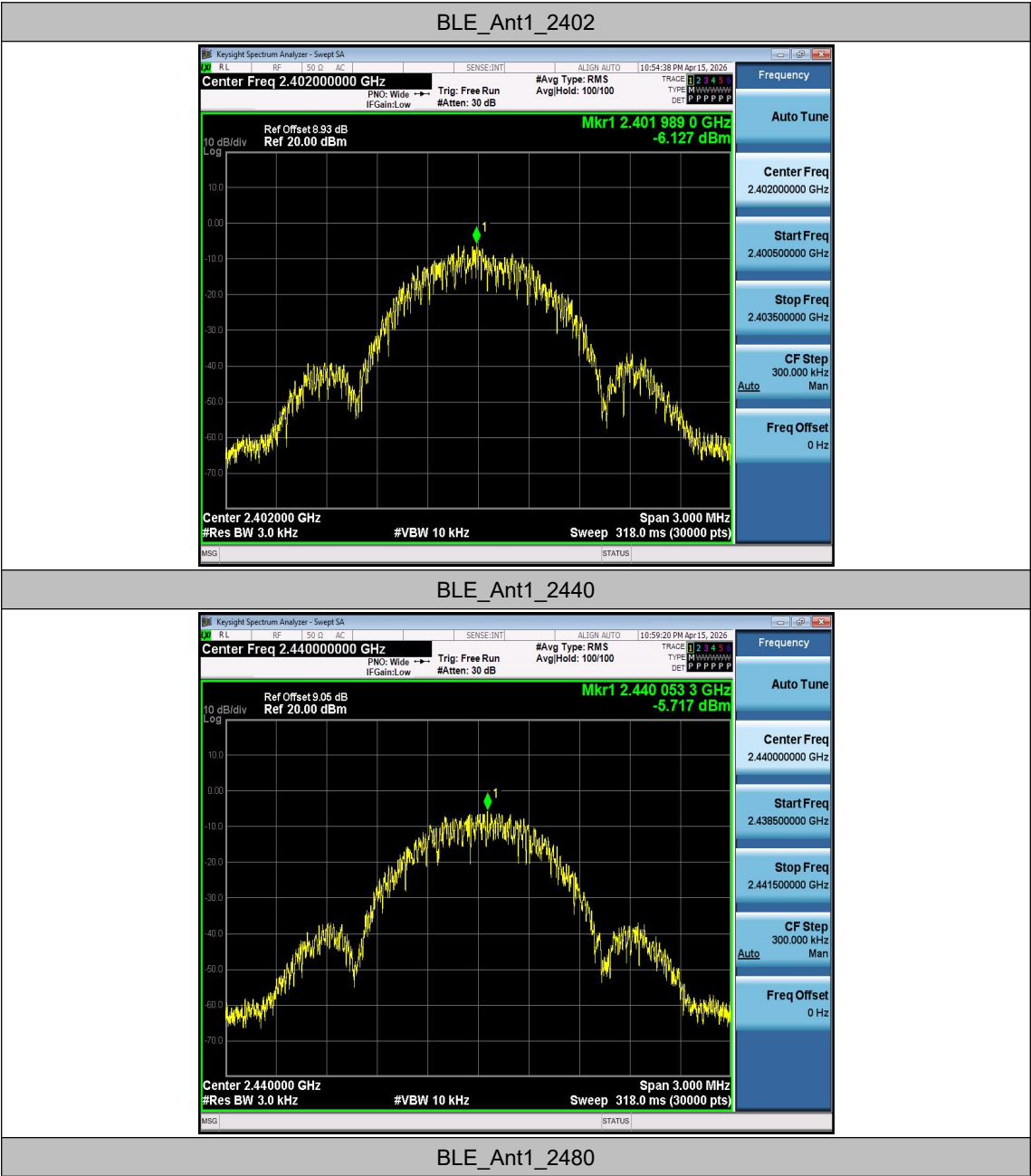
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-6.13	≤8.00	PASS
		2440	-5.72	≤8.00	PASS
		2480	-6.04	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





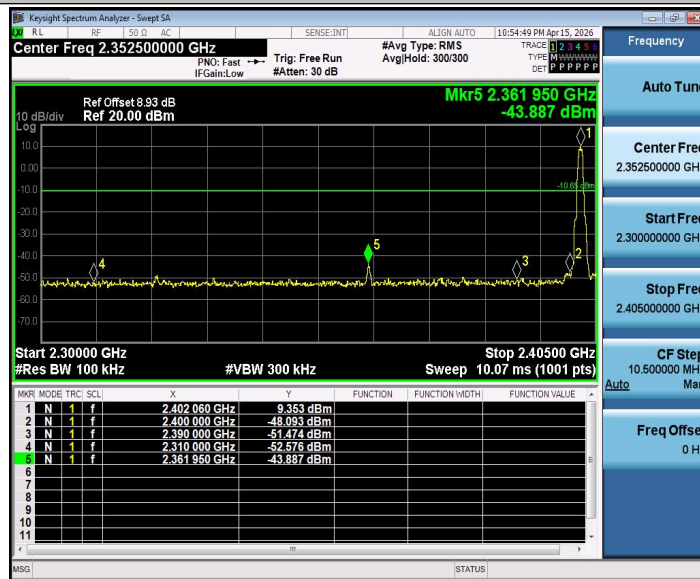
Appendix B.5: Band edge measurements

Test Result

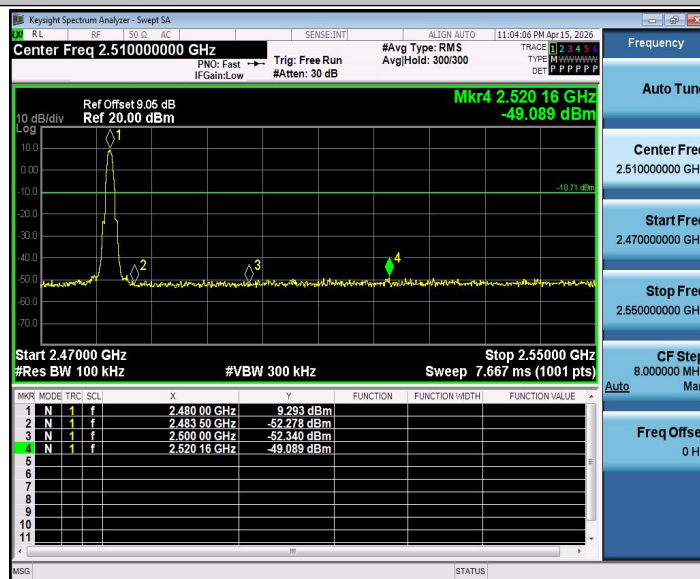
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	9.35	-43.89	≤-10.65	PASS
		High	2480	9.29	-49.09	≤-10.71	PASS

Test Graphs

BLE_Ant1_Low_2402



BLE_Ant1_High_2480

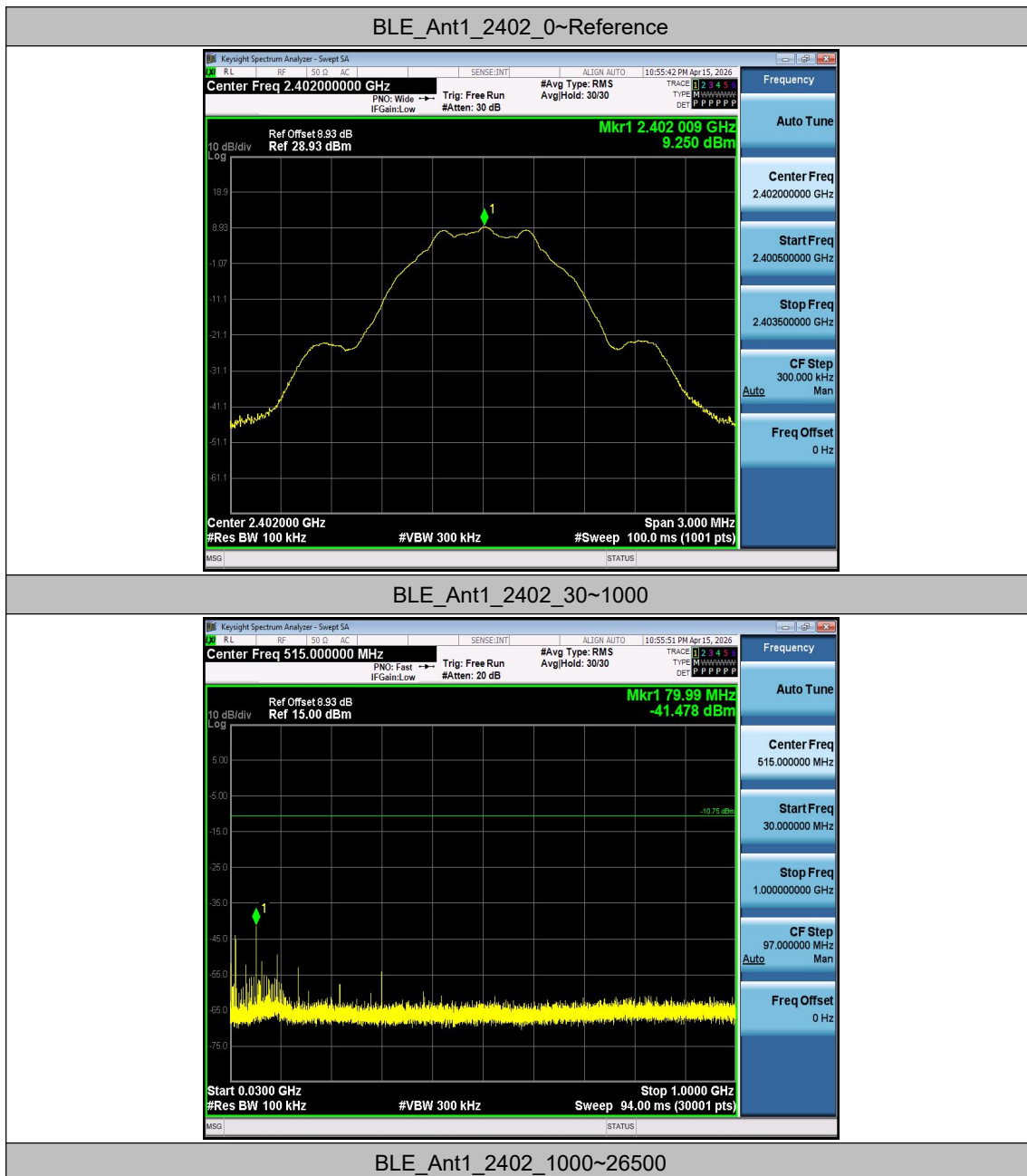


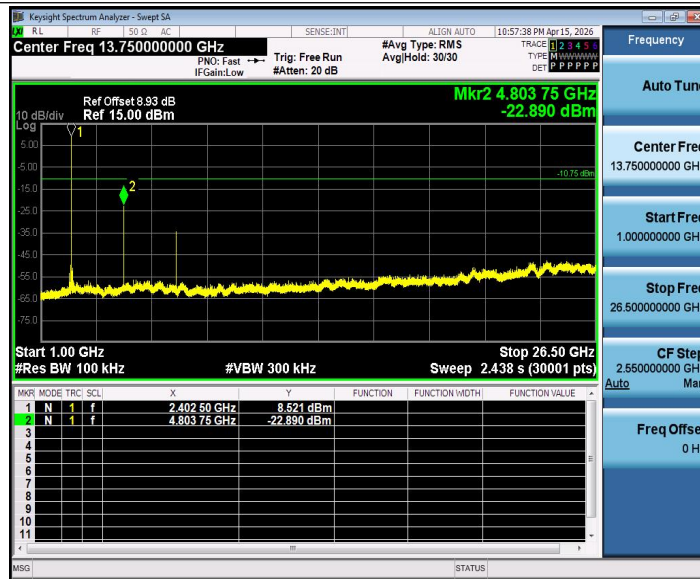
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	9.25	9.25	---	PASS
			30~1000	9.25	-41.48	≤-10.75	PASS
			1000~26500	9.25	-22.89	≤-10.75	PASS
		2440	Reference	10.26	10.26	---	PASS
			30~1000	10.26	-37.56	≤-9.74	PASS
			1000~26500	10.26	-24.13	≤-9.74	PASS
		2480	Reference	9.22	9.22	---	PASS
			30~1000	9.22	-38.17	≤-10.78	PASS
			1000~26500	9.22	-27.97	≤-10.78	PASS

Test Graphs

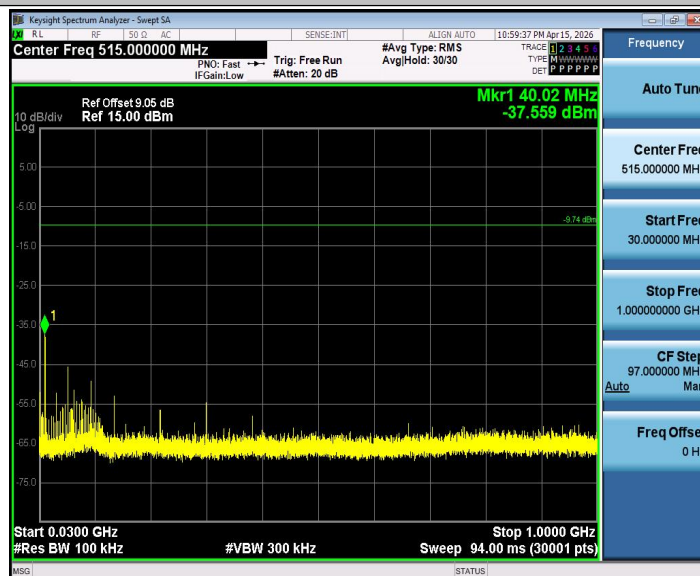




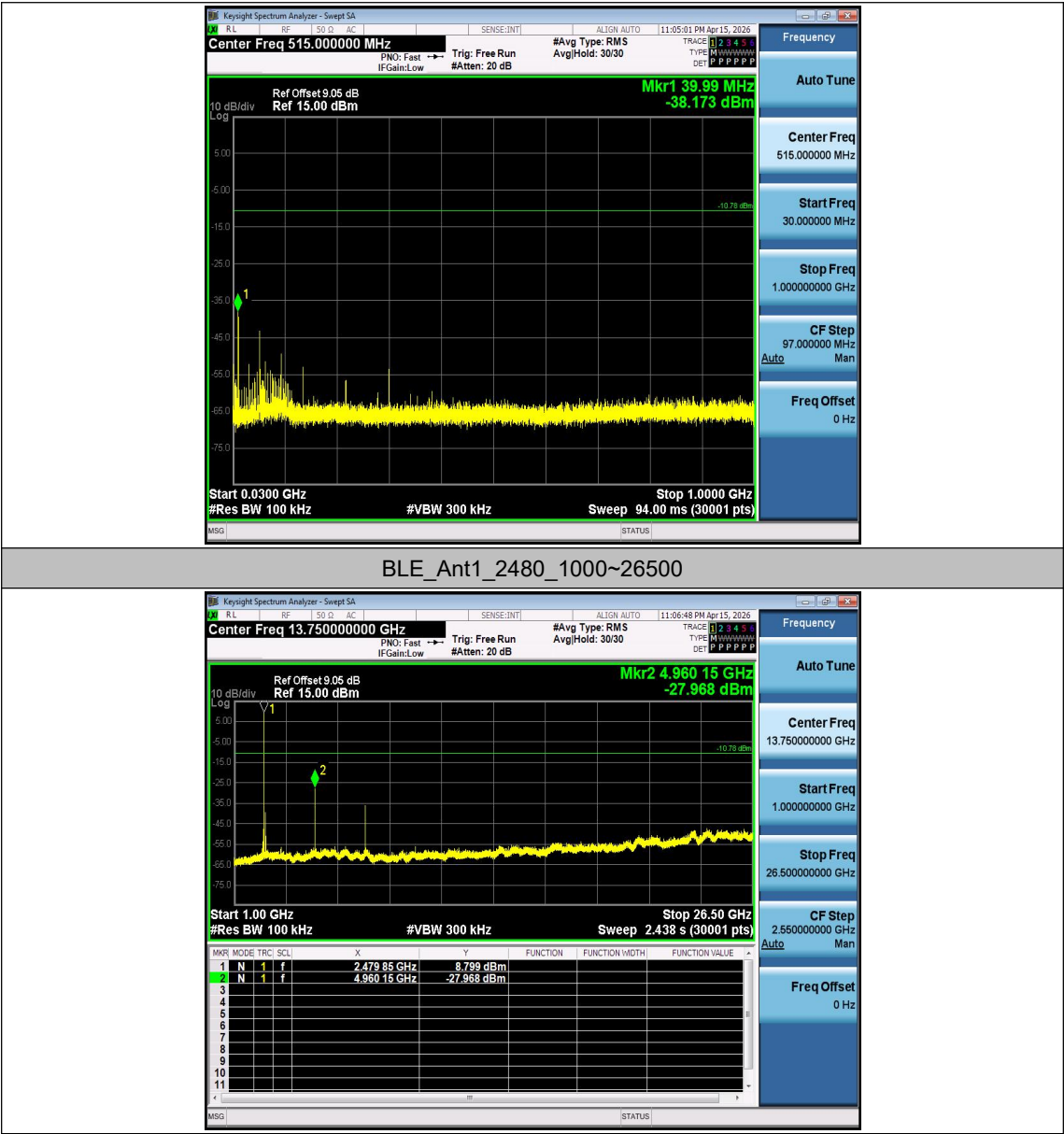
BLE_Ant1_2440_0~Reference



BLE_Ant1_2440_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	Ant1	2402	0.39	0.63	0.6190	61.90	2.08	2.56
		2440	0.40	0.63	0.6349	63.49	1.97	2.50
		2480	0.40	0.63	0.6349	63.49	1.97	2.50

Test Graphs

