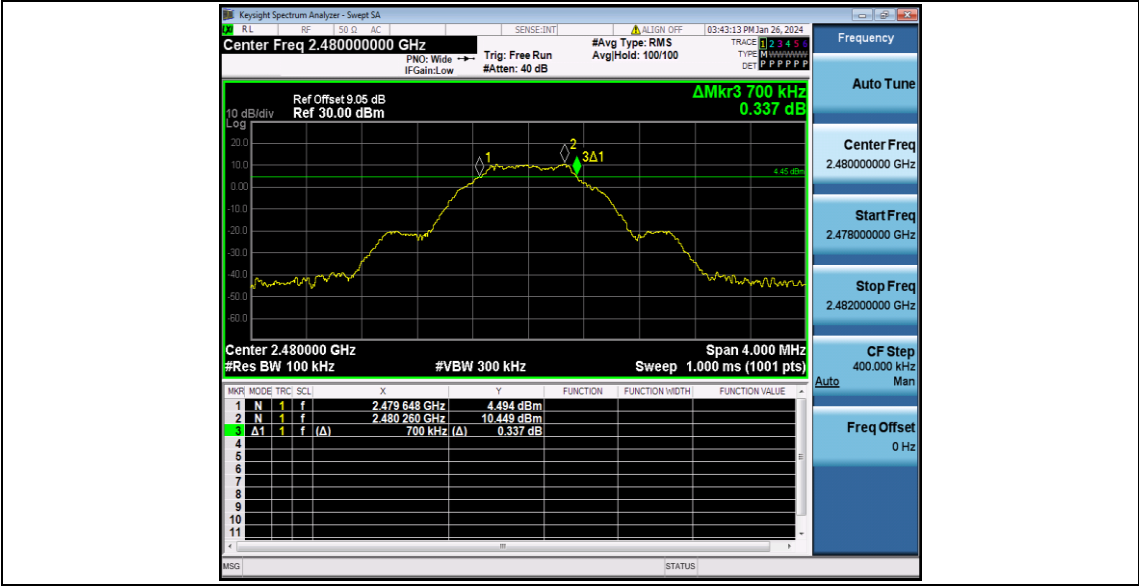


Case No. : <u>GTS20231018011-1-86</u>	
Ambient Condition: <u>24</u> °C, <u>49</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2024.1.19</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant2	2402	0.688	2401.668	2402.356	0.5	PASS
		2440	0.692	2439.664	2440.356	0.5	PASS
		2480	0.700	2479.648	2480.348	0.5	PASS

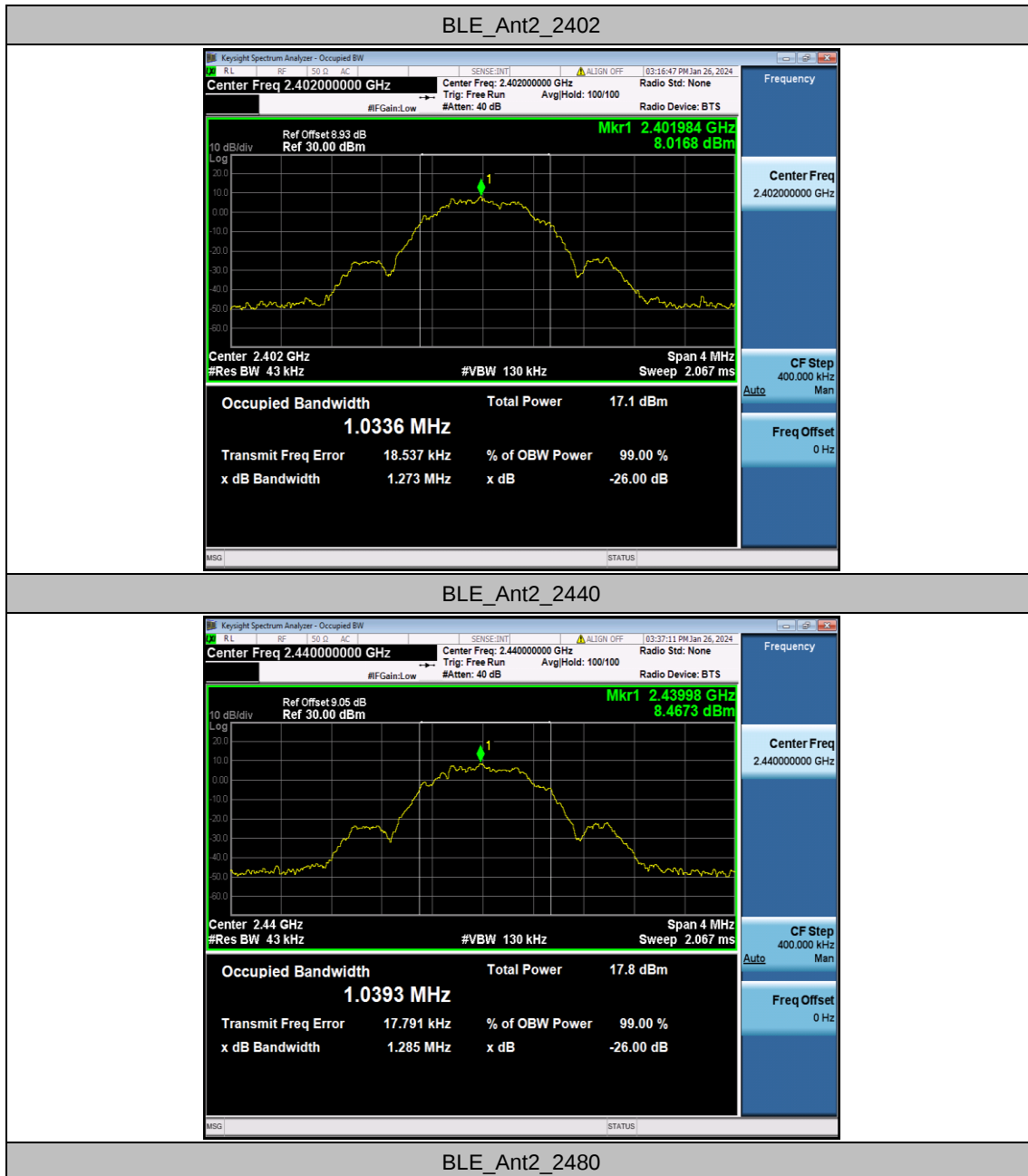


Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant2	2402	1.0336	2401.5017	2402.5353	---	---
		2440	1.0393	2439.4981	2440.5374	---	---
		2480	1.0427	2479.4978	2480.5405	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant2	2402	10.75	≤30	PASS
		2440	11.36	≤30	PASS
		2480	11.35	≤30	PASS

Note:

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

Appendix B.4: Maximum power spectral density

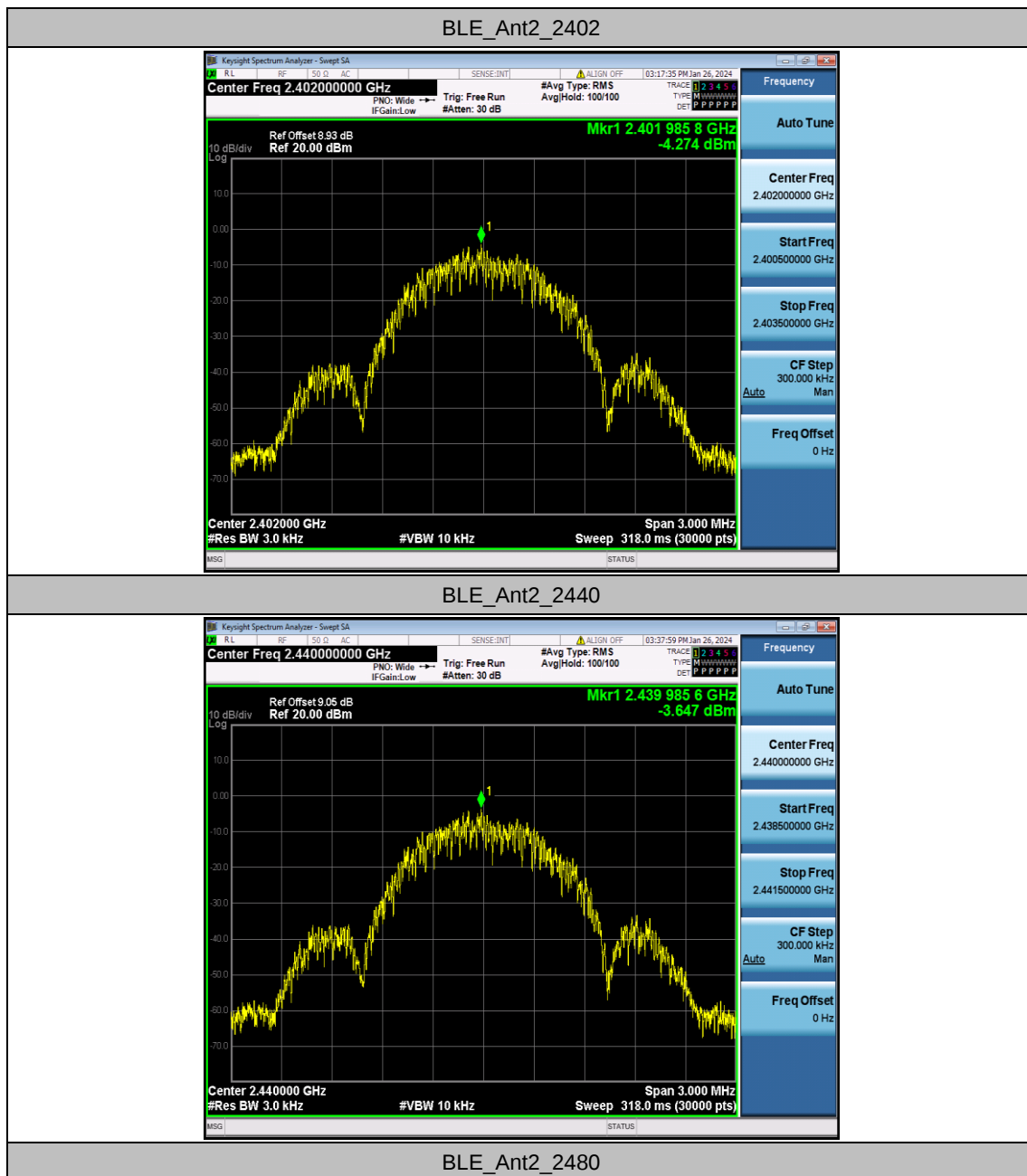
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant2	2402	-4.27	≤8.00	PASS
		2440	-3.65	≤8.00	PASS
		2480	-3.70	≤8.00	PASS

Note:

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

Test Graphs



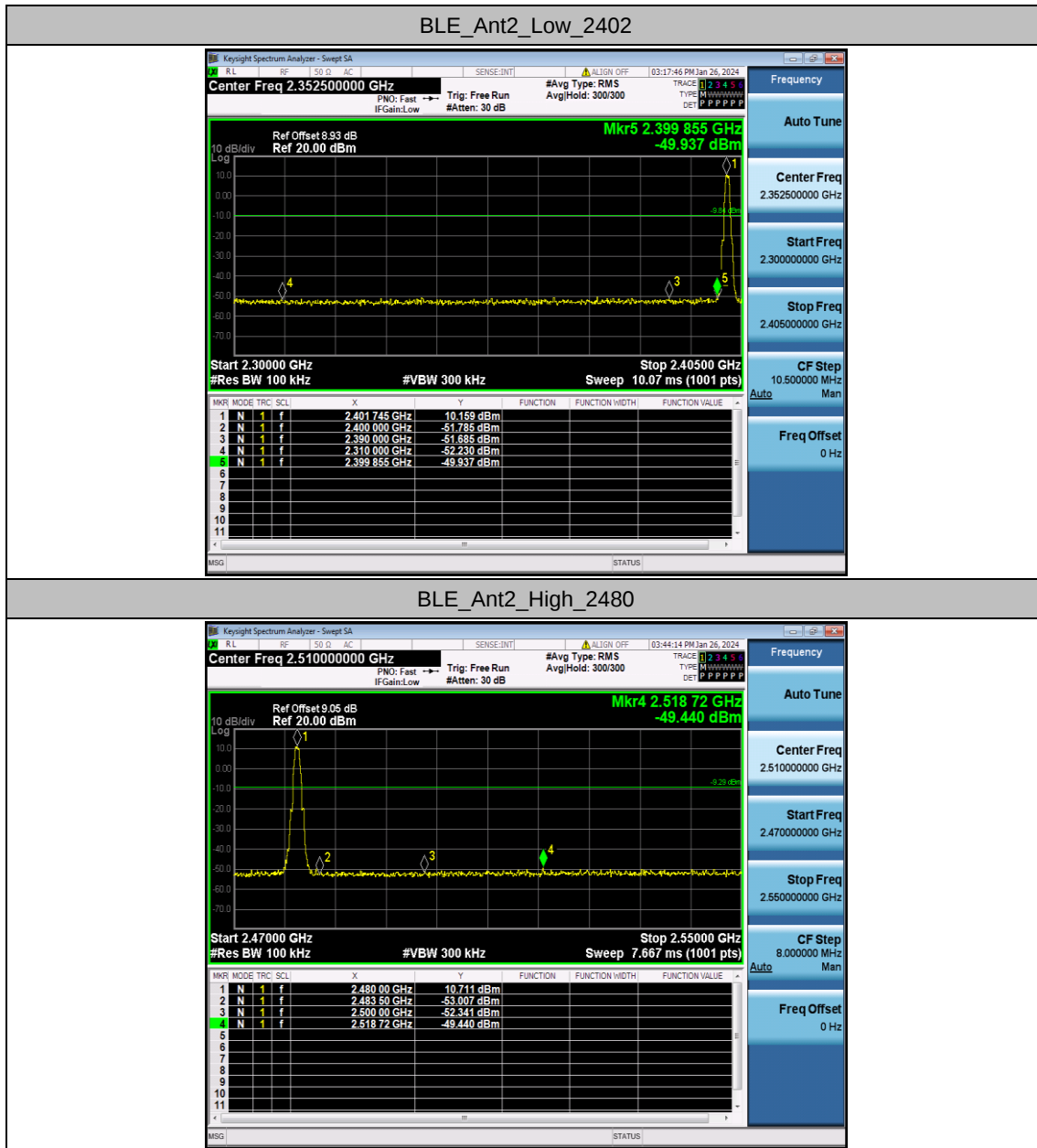


Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant2	Low	2402	10.16	-49.94	≤-9.84	PASS
		High	2480	10.71	-49.44	≤-9.29	PASS

Test Graphs

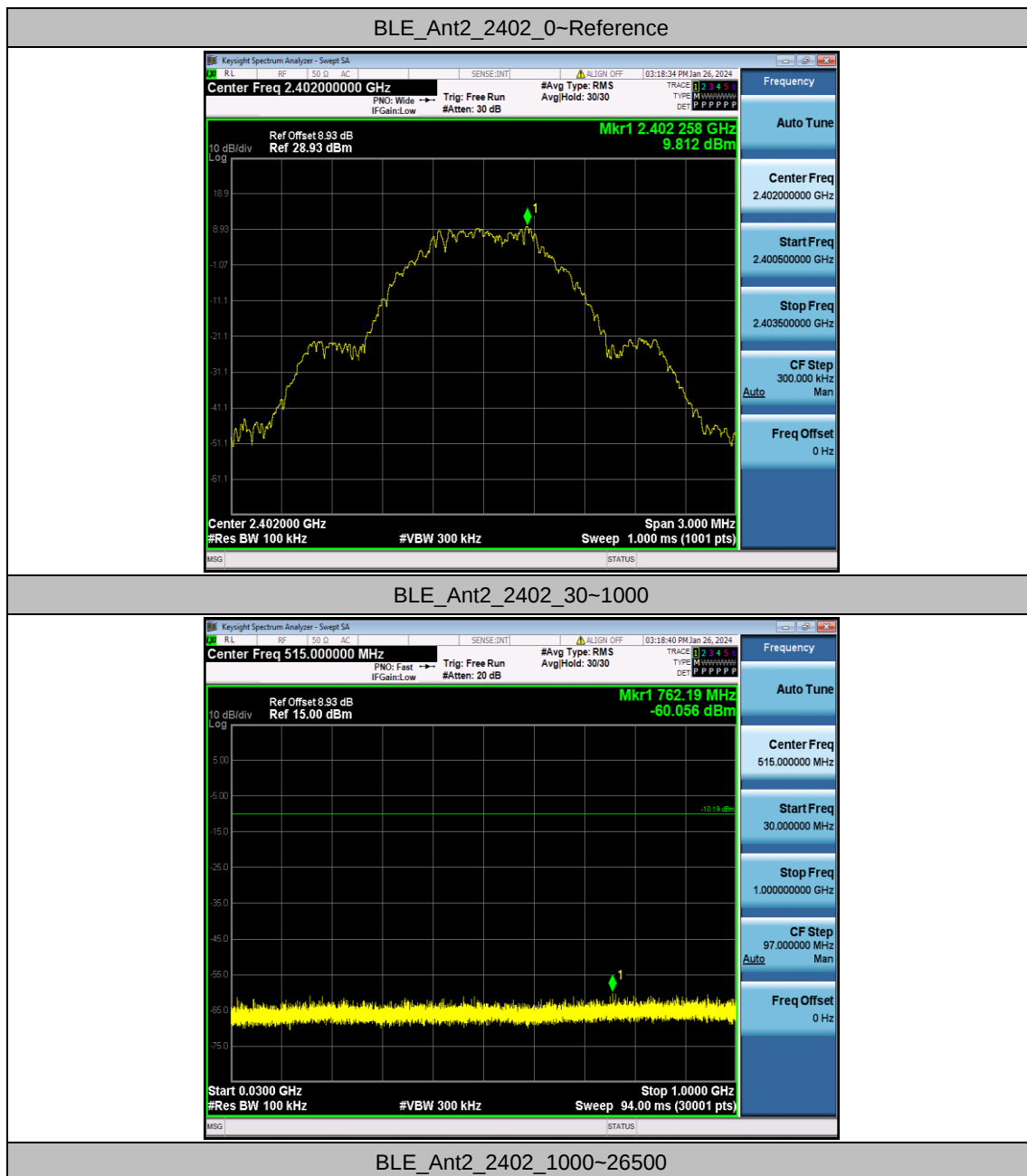


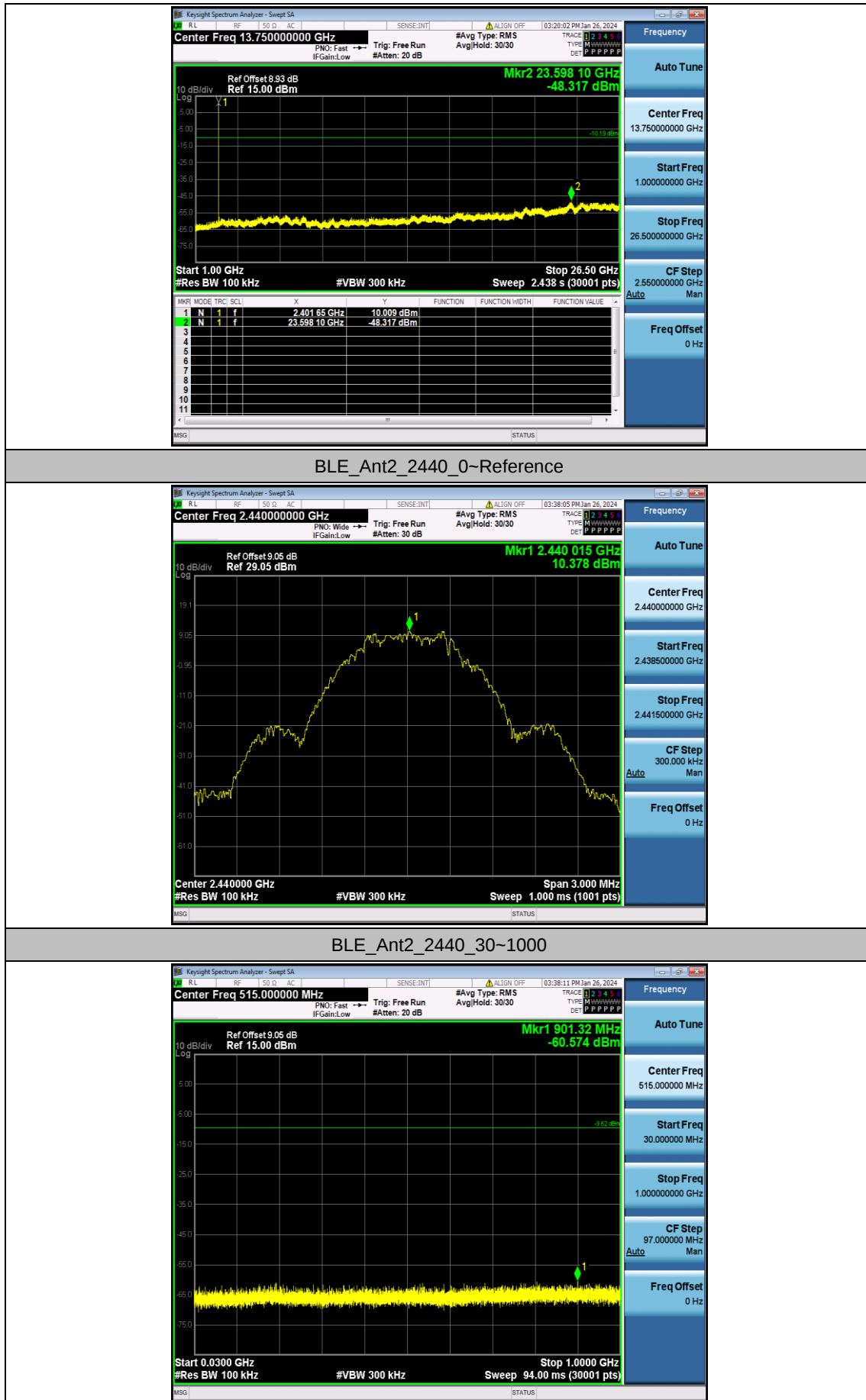
Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant2	2402	Reference	9.81	9.81	---	PASS
			30~1000	9.81	-60.06	≤ -10.19	PASS
			1000~26500	9.81	-48.32	≤ -10.19	PASS
		2440	Reference	10.38	10.38	---	PASS
			30~1000	10.38	-60.57	≤ -9.62	PASS
			1000~26500	10.38	-48.03	≤ -9.62	PASS
		2480	Reference	10.38	10.38	---	PASS
			30~1000	10.38	-60.38	≤ -9.62	PASS
			1000~26500	10.38	-47.84	≤ -9.62	PASS

Test Graphs





BLE_Ant2_2440_1000~26500



BLE_Ant2_2480_0~Reference



BLE_Ant2_2480_30~1000

