

Test Data Appendix For BLE

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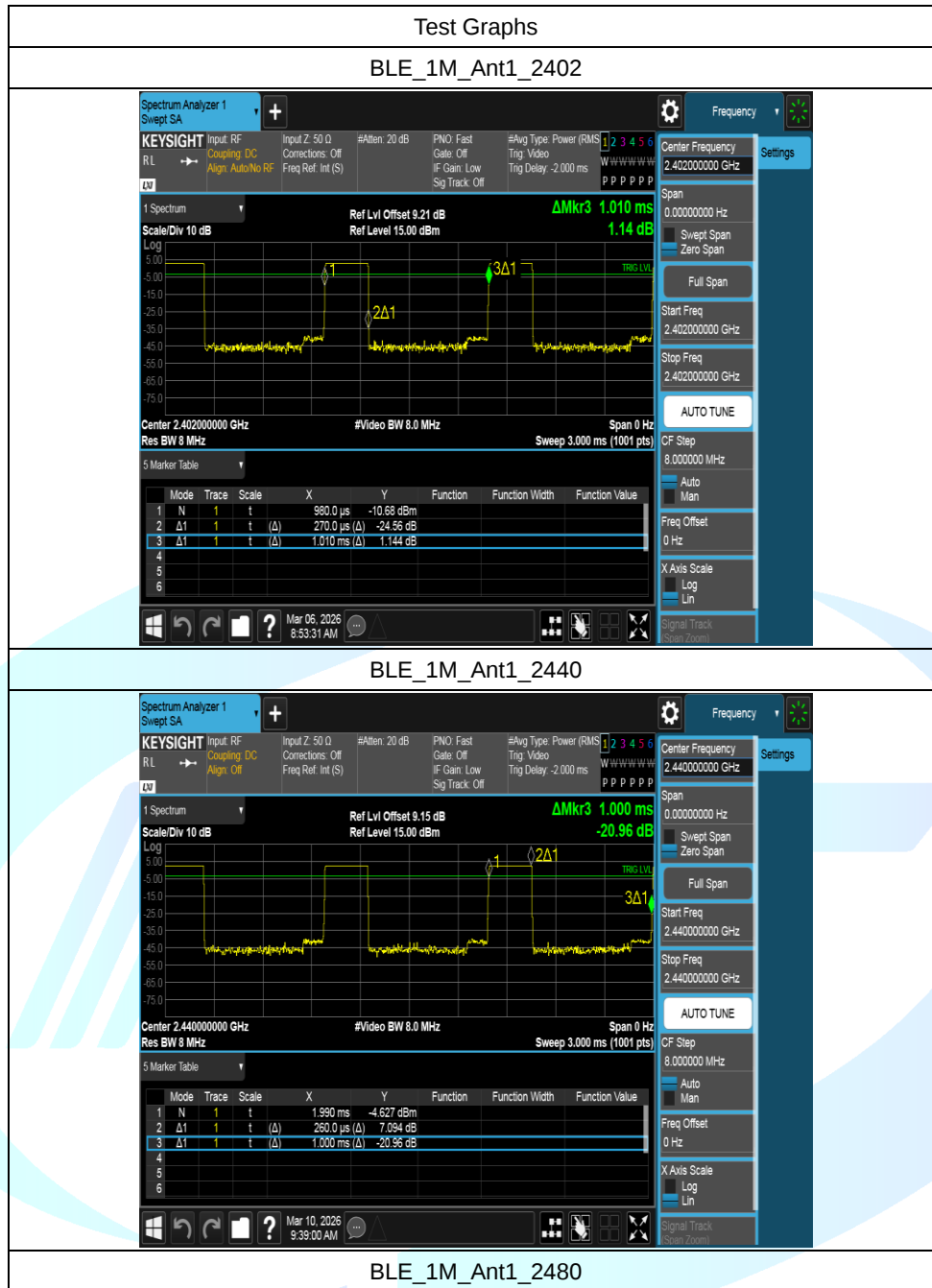
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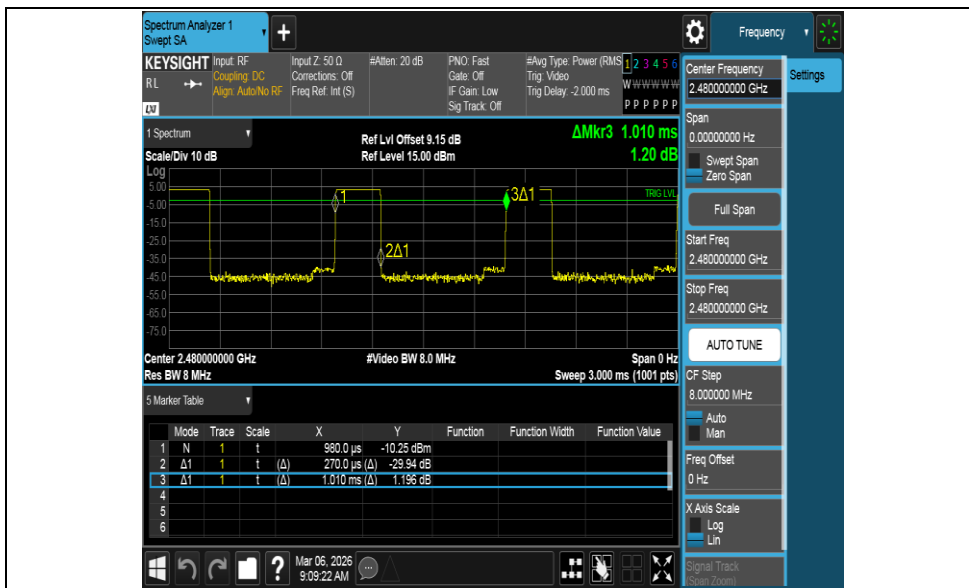


Duty Cycle

Test Mode	Antenna	Frequency (MHz)	ON Time [ms]	Period [ms]	X	DC [%]	X Factor
BLE_1M	Ant1	2402	0.27	1.01	0.2673	26.73	5.73
		2440	0.26	1.00	0.2600	26.00	5.85
		2480	0.27	1.01	0.2673	26.73	5.73



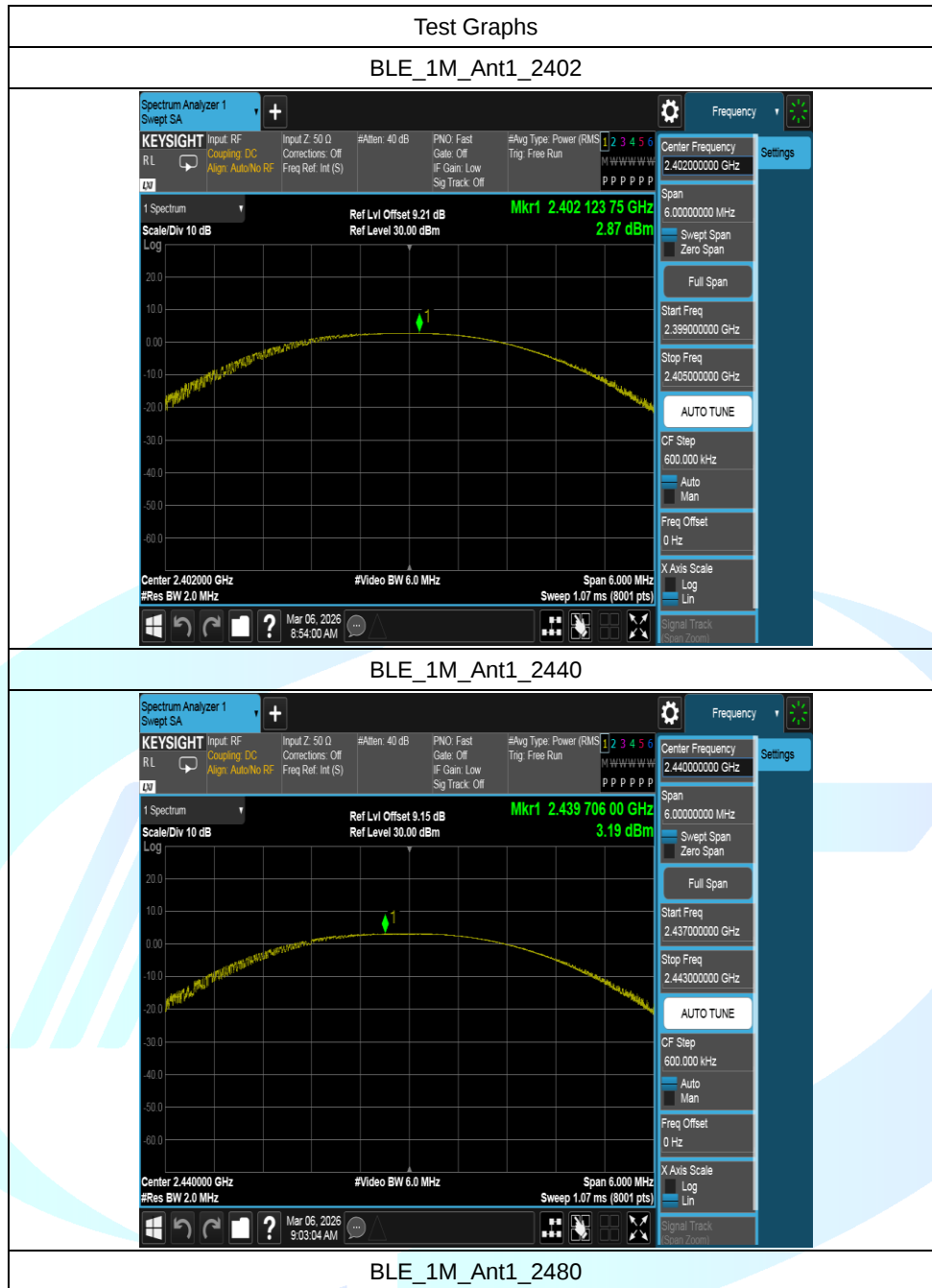


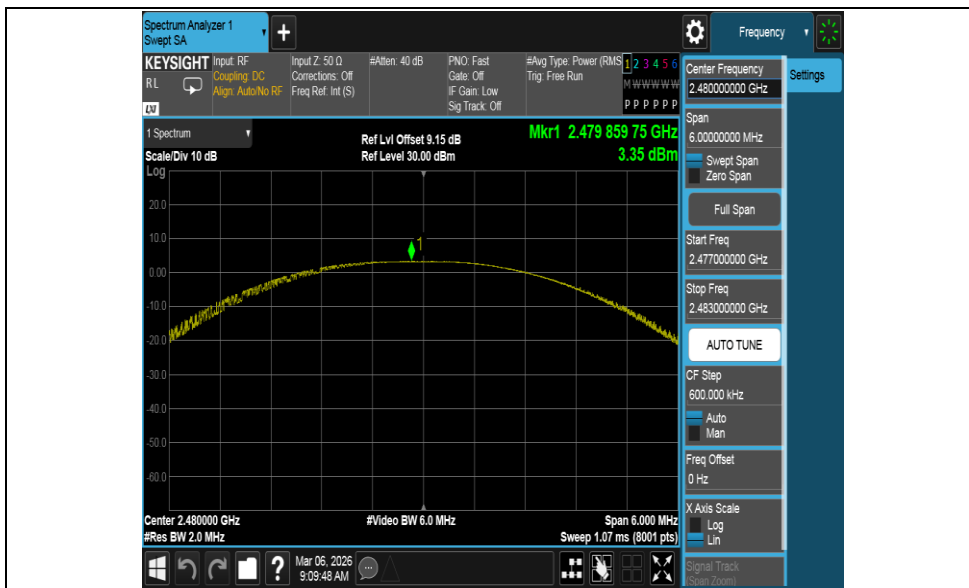


Maximum Peak Conducted Output Power

Test Mode	Antenna	Frequency (MHz)	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	2.87	≤30	PASS
		2440	3.19	≤30	PASS
		2480	3.35	≤30	PASS







-6dB Emission Bandwidth

Test Mode	Antenna	Frequency (MHz)	DTS BW [MHz]	FL[MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.612	2401.708	2402.320	0.5	PASS
		2440	0.568	2439.736	2440.304	0.5	PASS
		2480	0.560	2479.732	2480.292	0.5	PASS



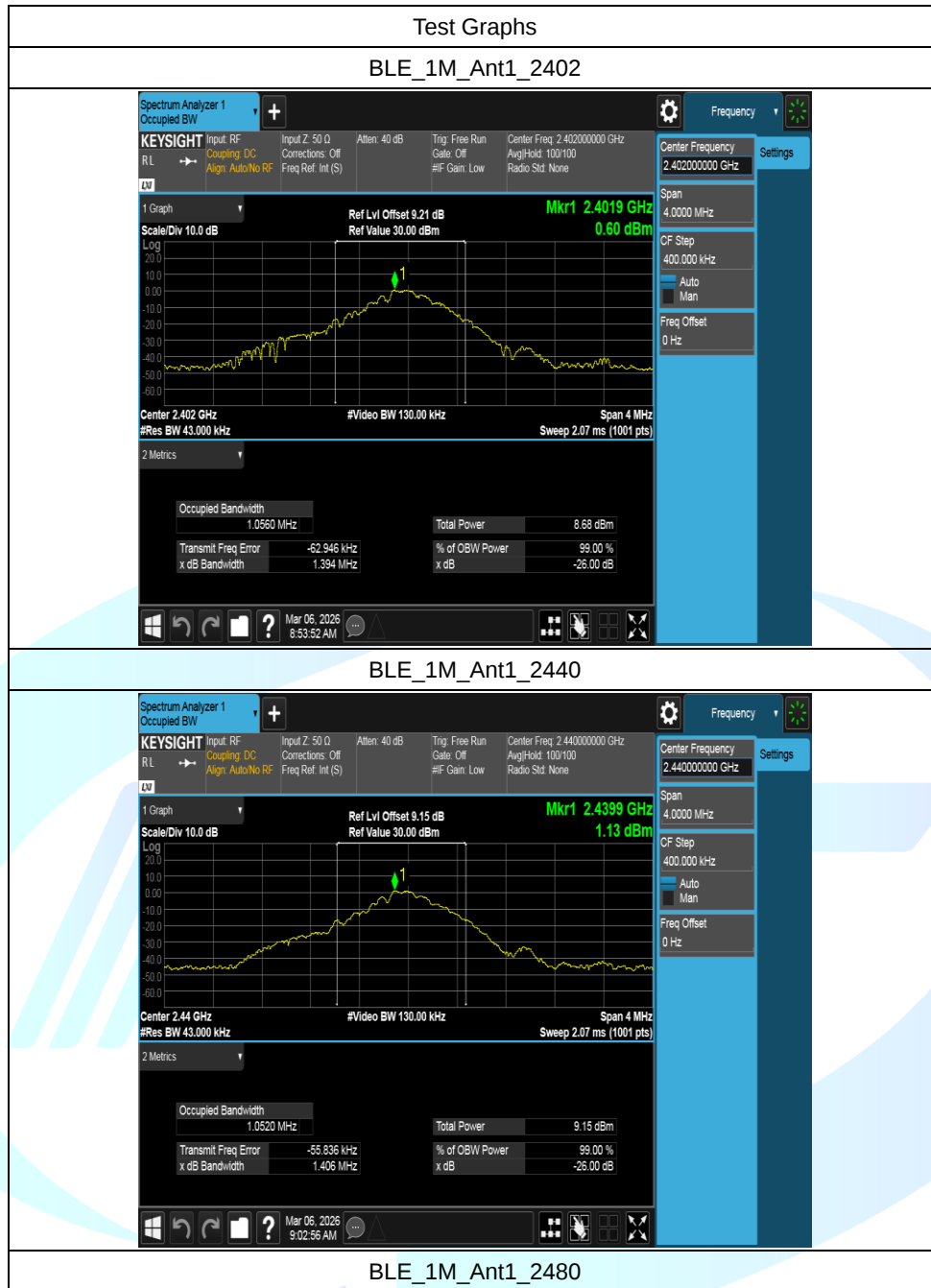




Occupied Bandwidth

Test Mode	Antenna	Frequency (MHz)	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0560	2401.4091	2402.4651	---	---
		2440	1.0520	2439.4182	2440.4702	---	---
		2480	1.0328	2479.4332	2480.4660	---	---



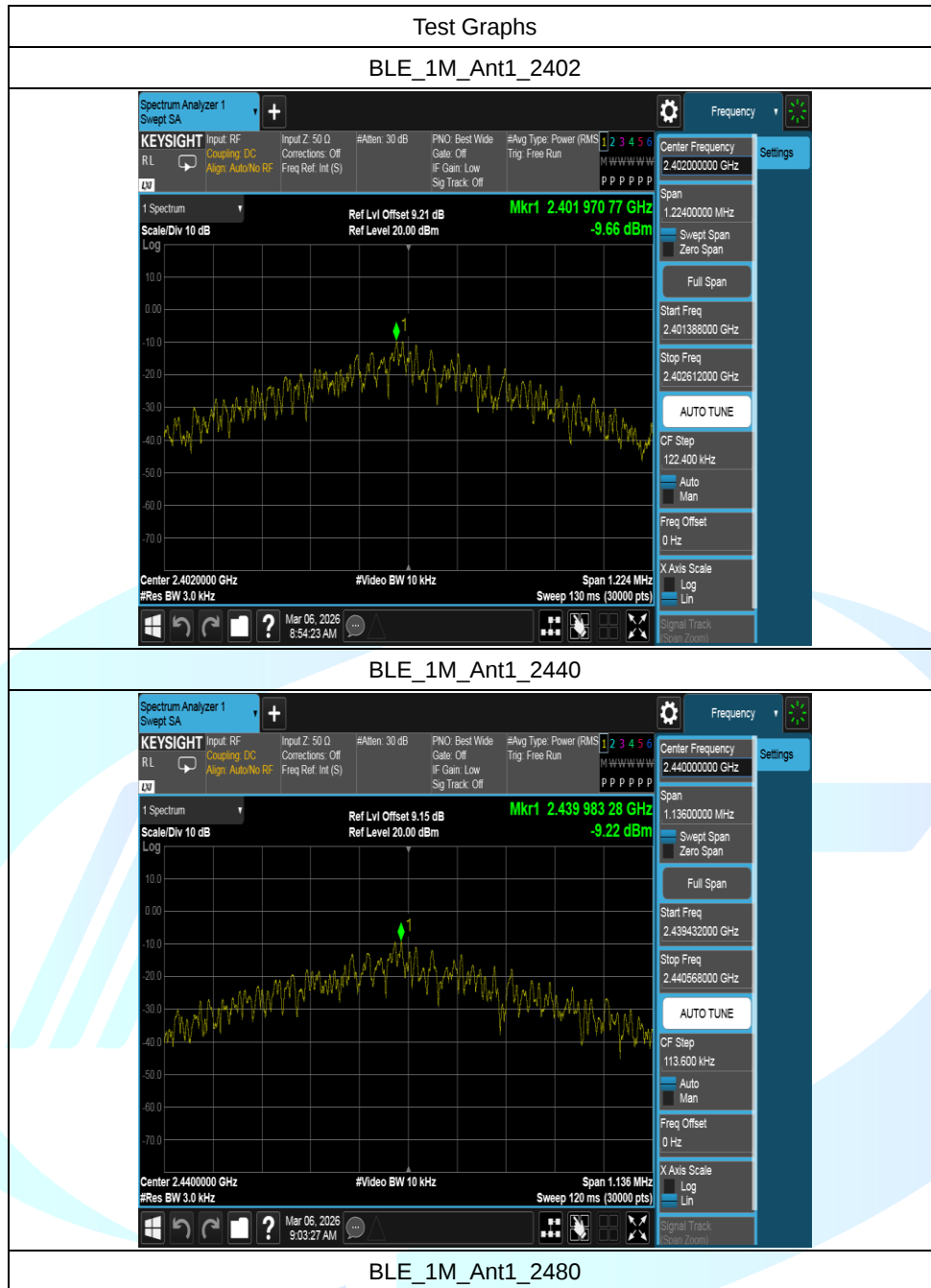


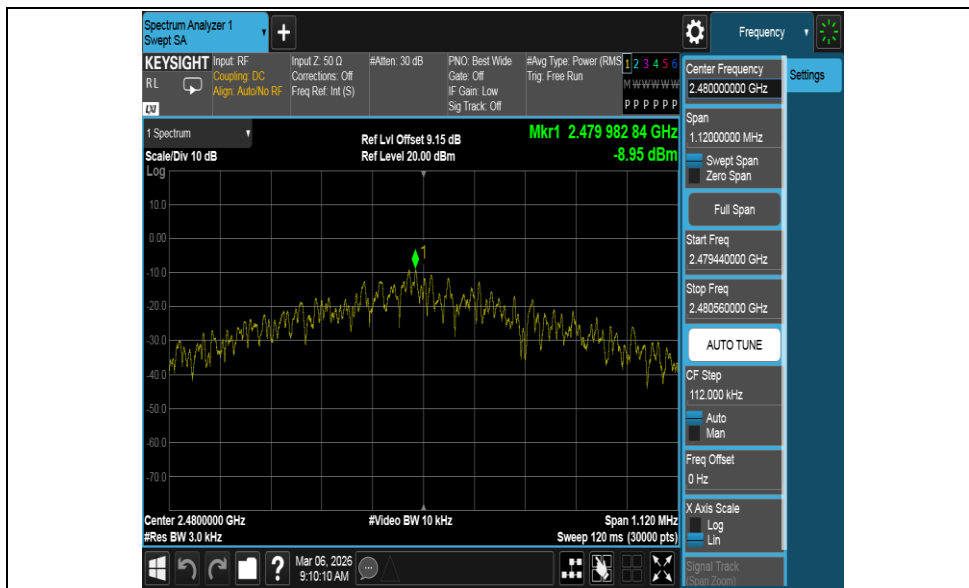


Power Spectral Density

Test Mode	Antenna	Frequency (MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.66	≤8.00	PASS
		2440	-9.22	≤8.00	PASS
		2480	-8.95	≤8.00	PASS



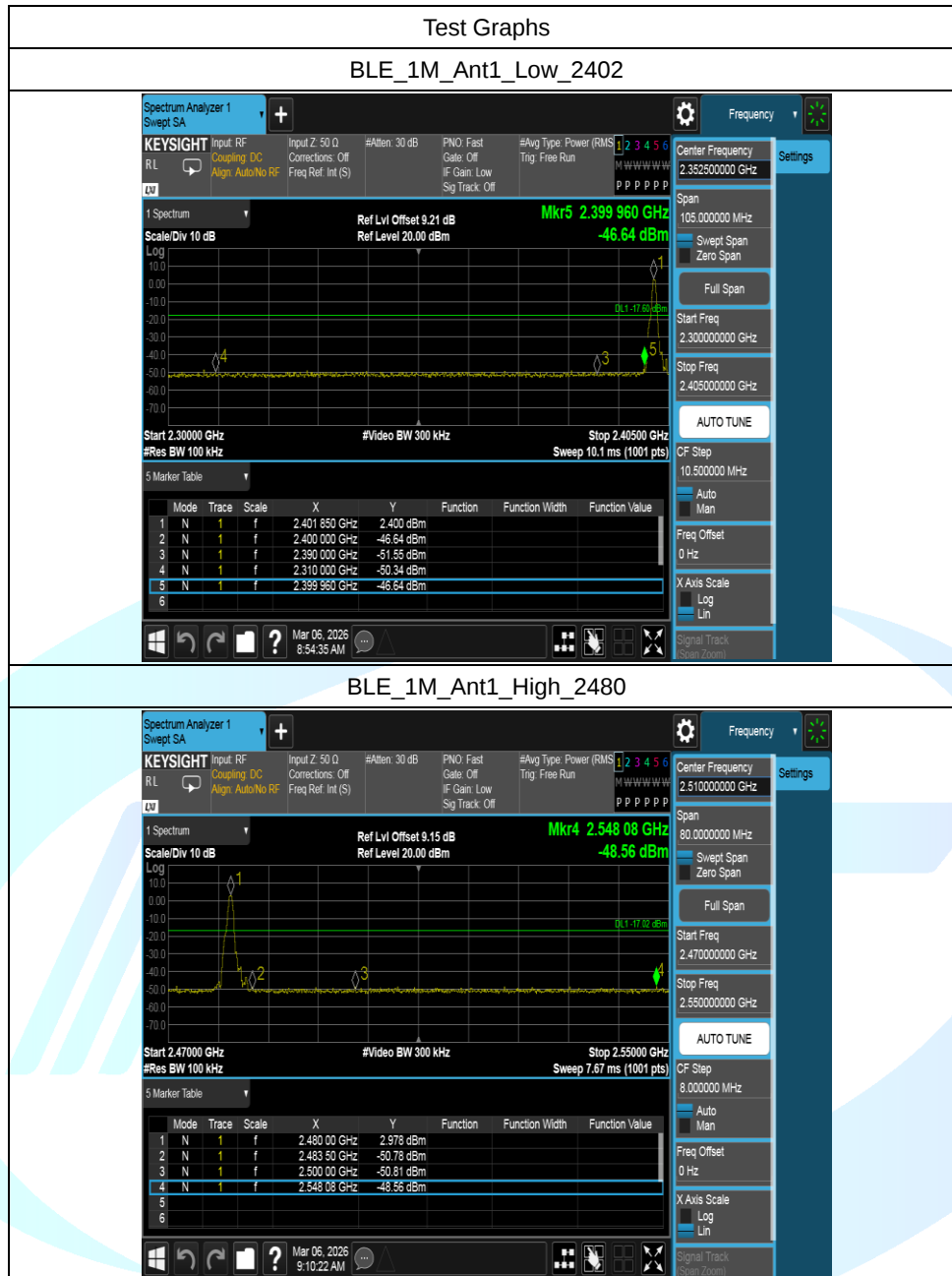




Band-edge Emission

Test Mode	Antenna	Ch Name	Frequency (MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.40	-46.64	≤-17.6	PASS
		High	2480	2.98	-48.56	≤-17.02	PASS





Conducted Spurious Emission

Test Mode	Antenna	Frequency (MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-51.55	≤-17.82	PASS
			1000~26500	2.18	-28.57	≤-17.82	PASS
		2440	Reference	2.54	2.54	---	PASS
			30~1000	2.54	-46.49	≤-17.46	PASS
			1000~26500	2.54	-29.77	≤-17.46	PASS
		2480	Reference	2.67	2.67	---	PASS
			30~1000	2.67	-51.35	≤-17.33	PASS
			1000~26500	2.67	-29.35	≤-17.33	PASS

