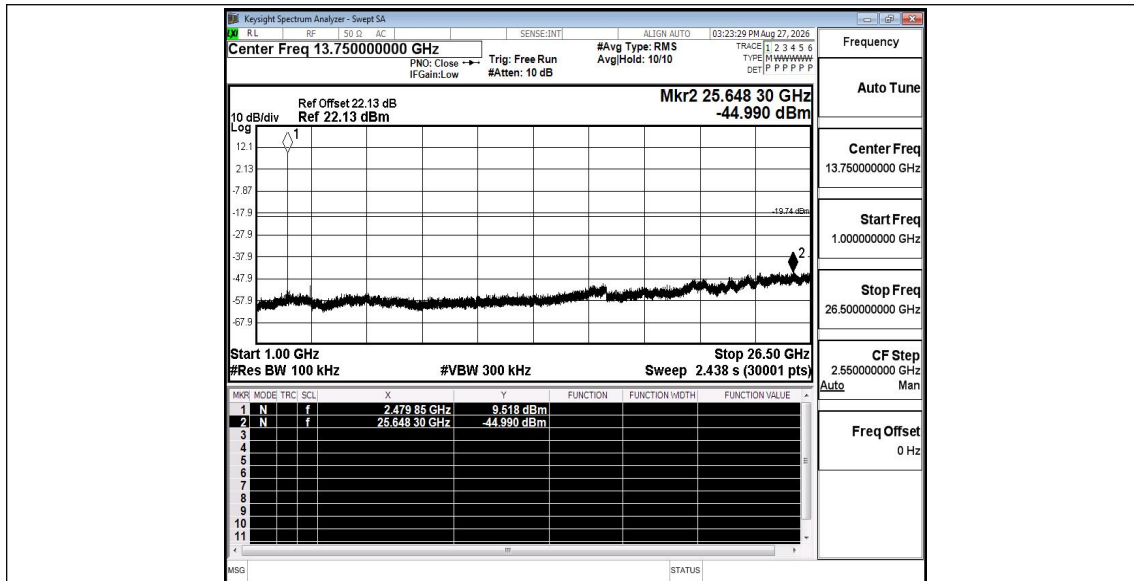
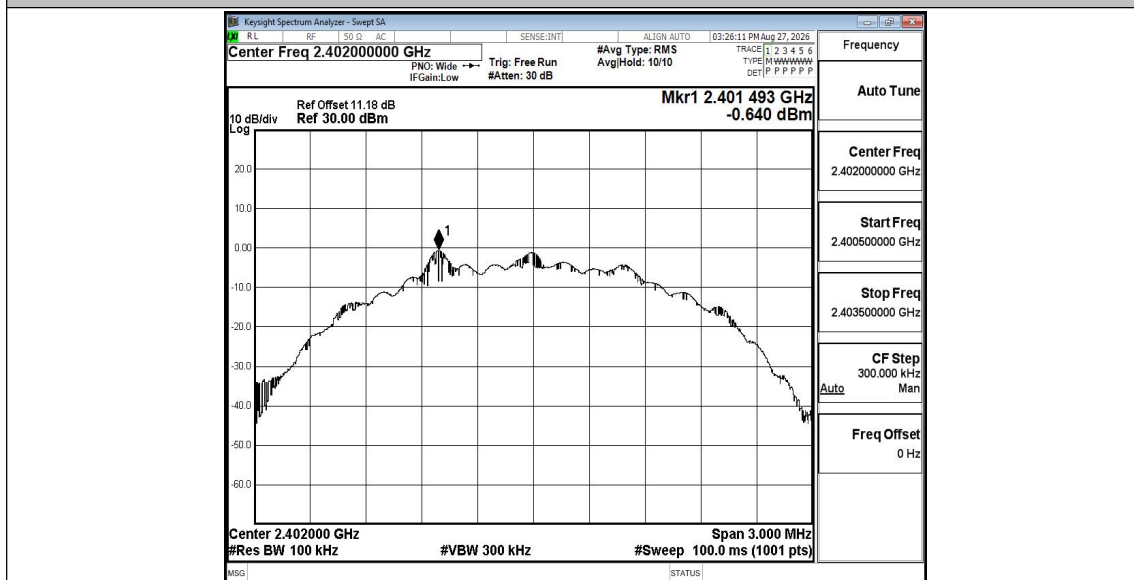
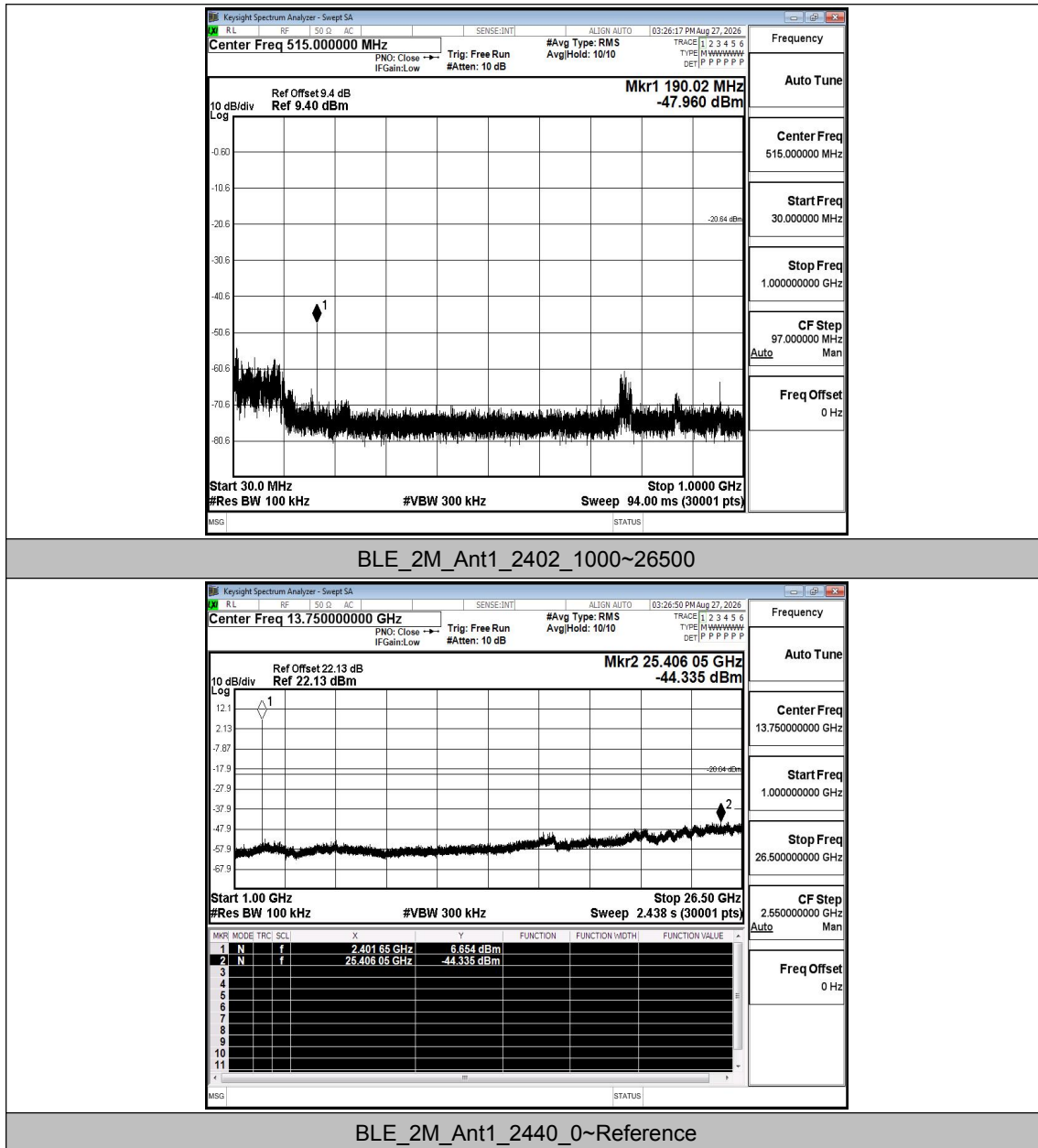


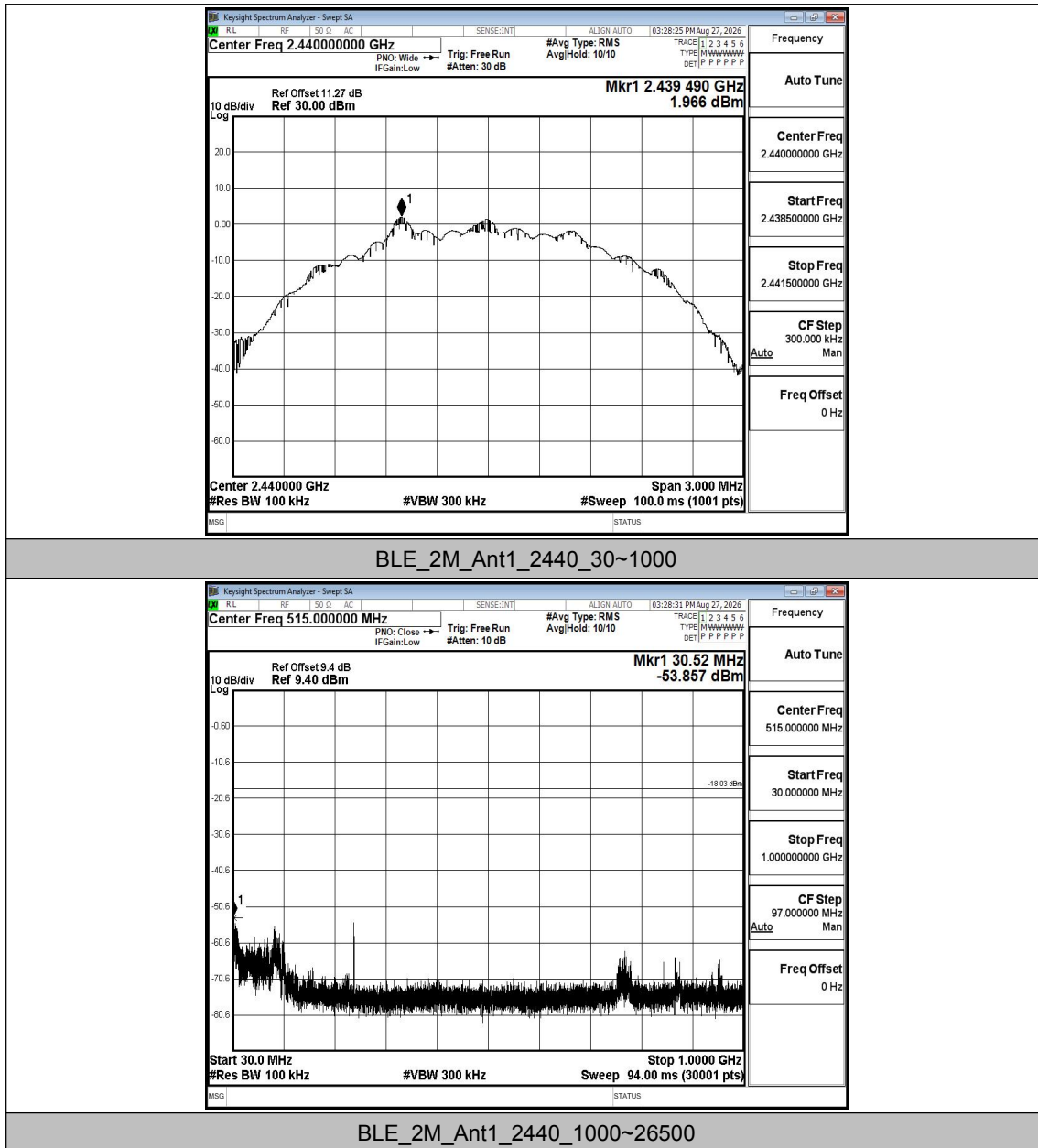


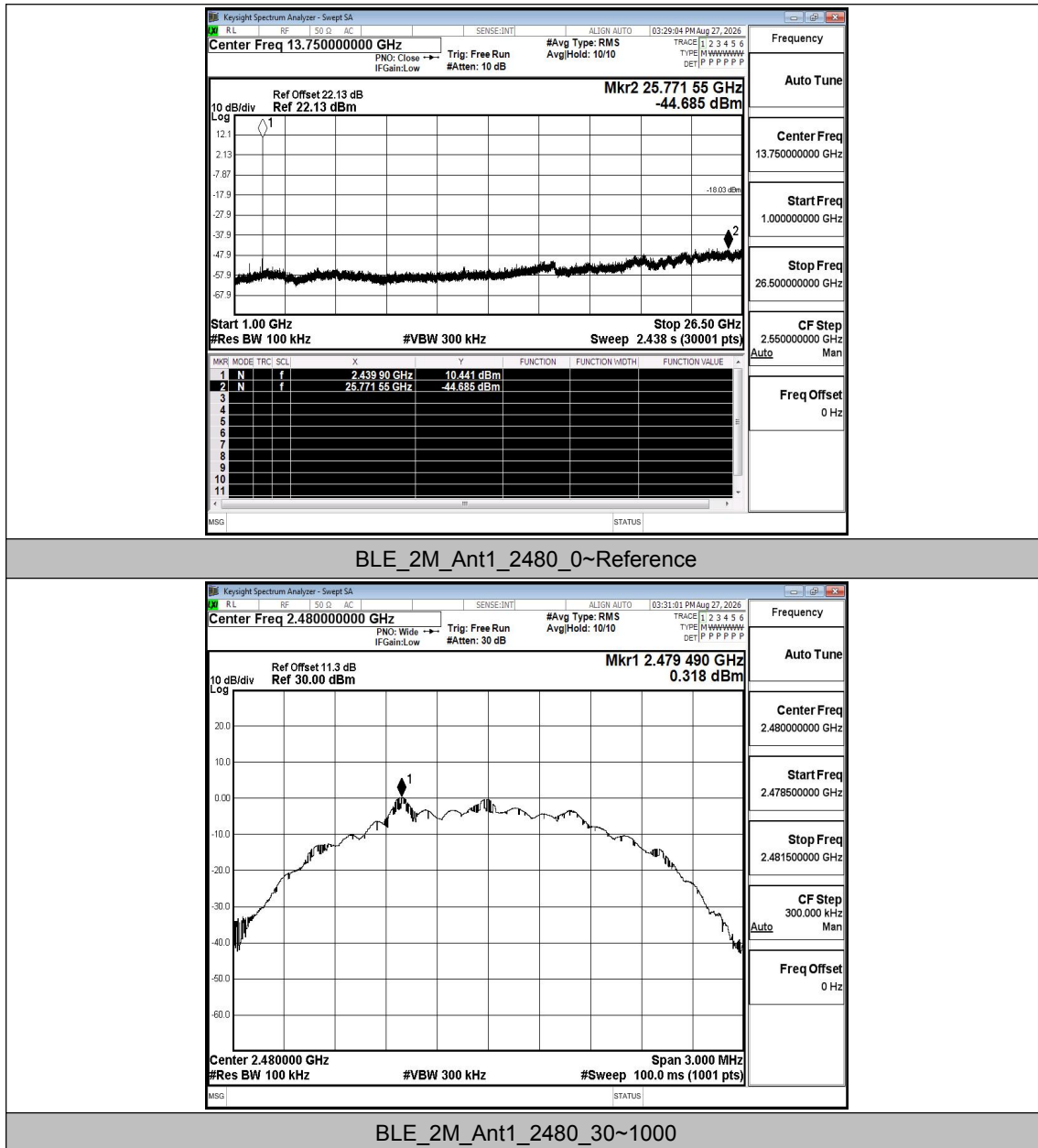
BLE_2M_Ant1_2402_0~Reference

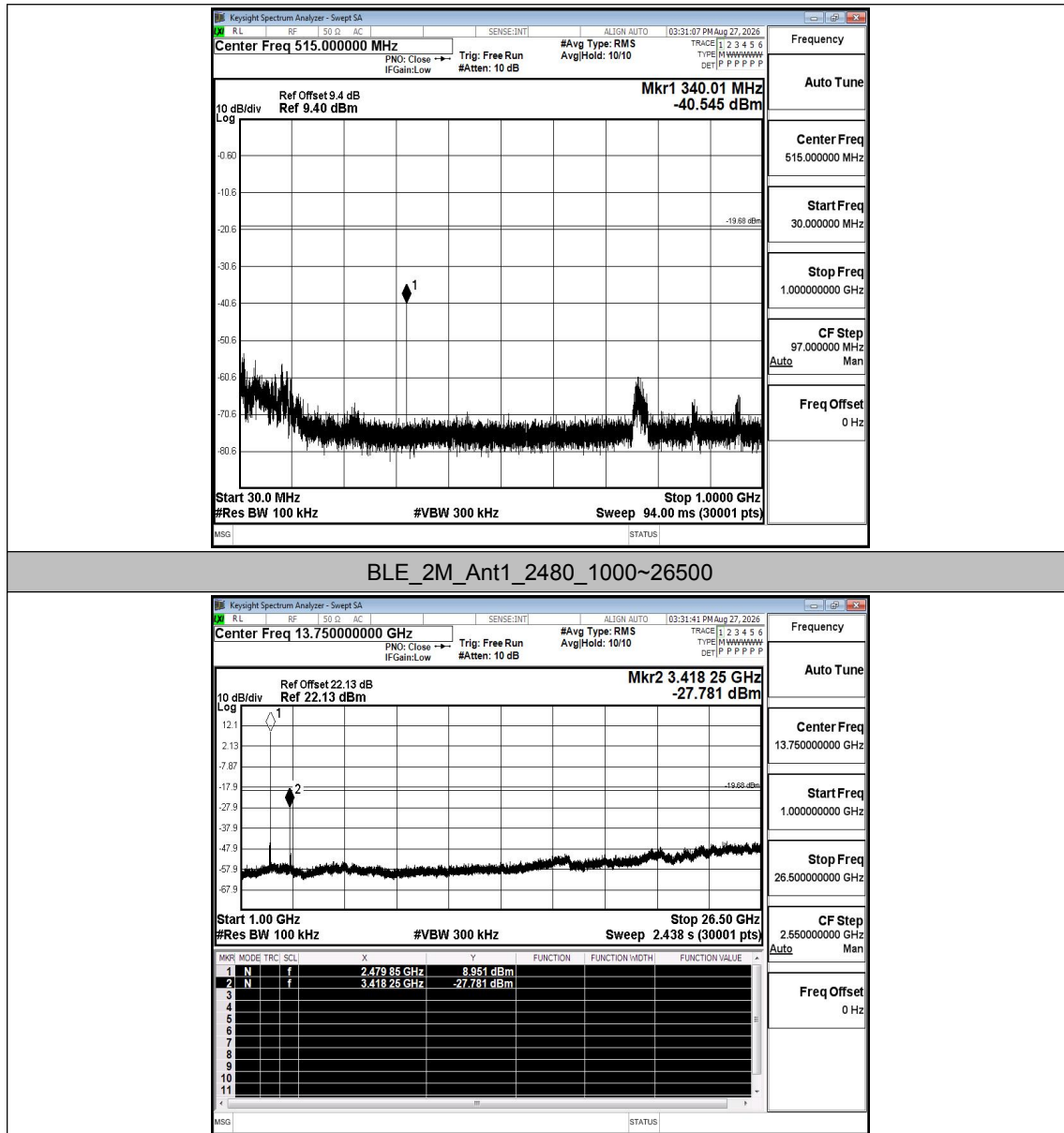


BLE_2M_Ant1_2402_30~1000







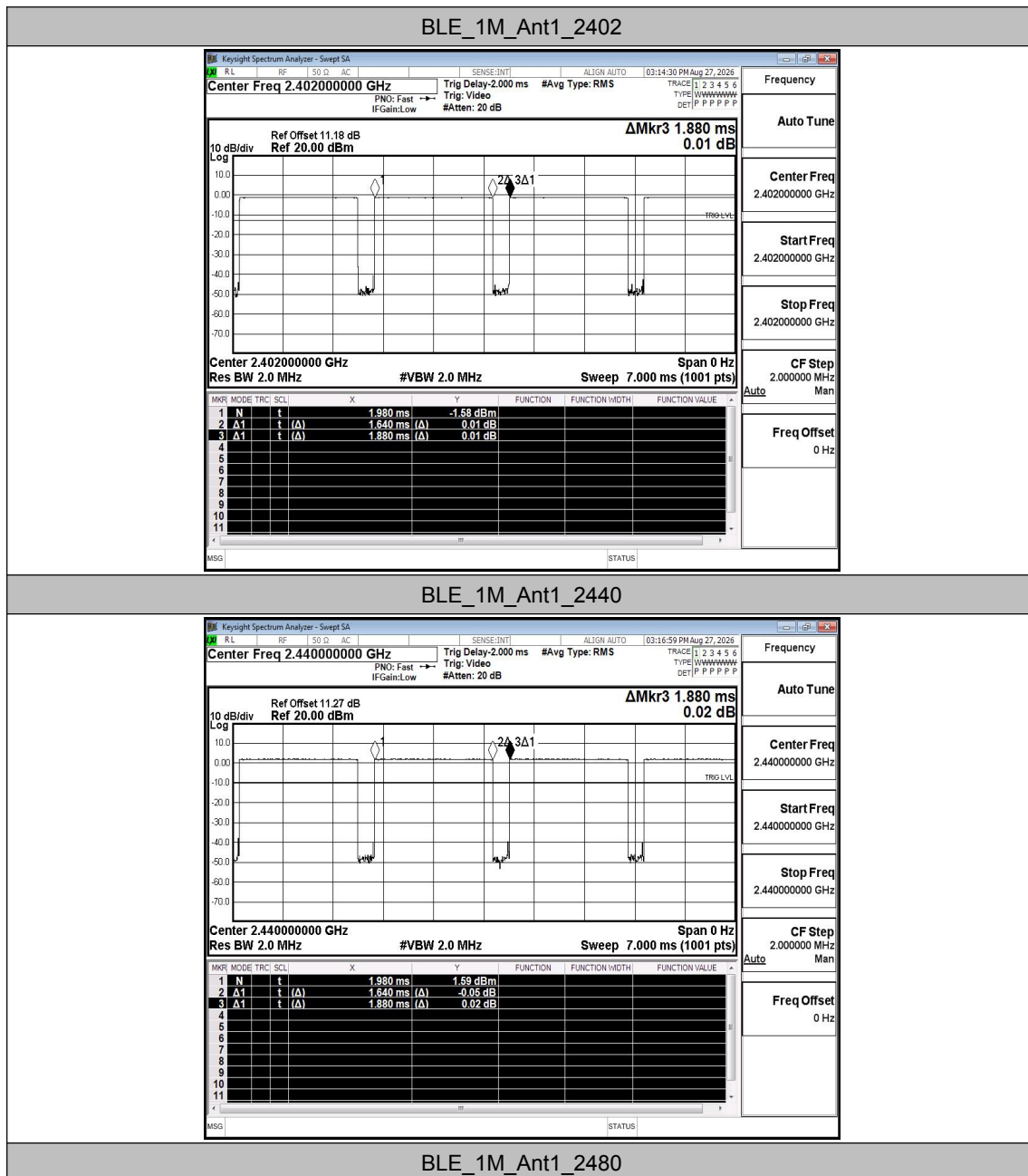


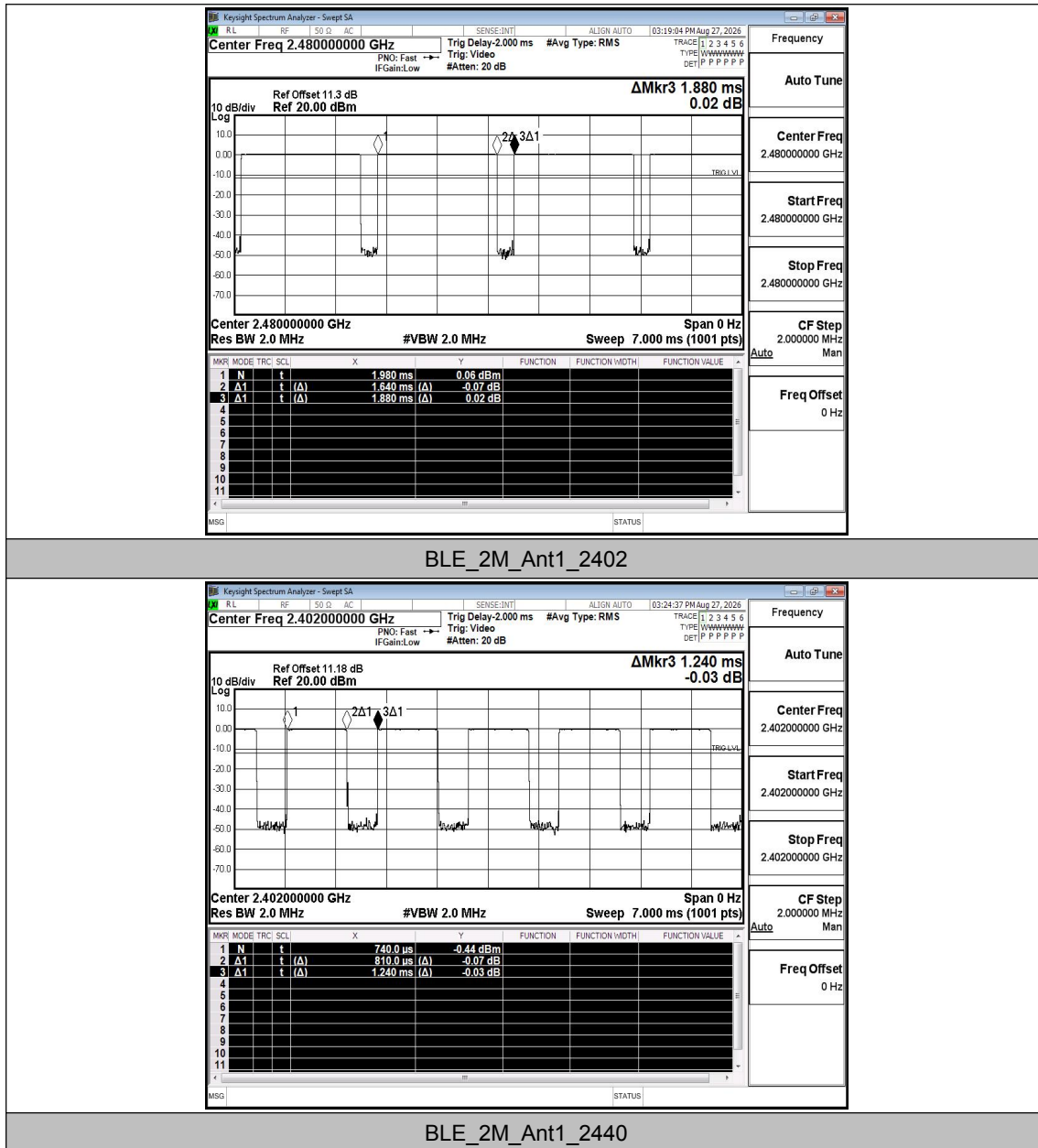
A.6 Duty Cycle

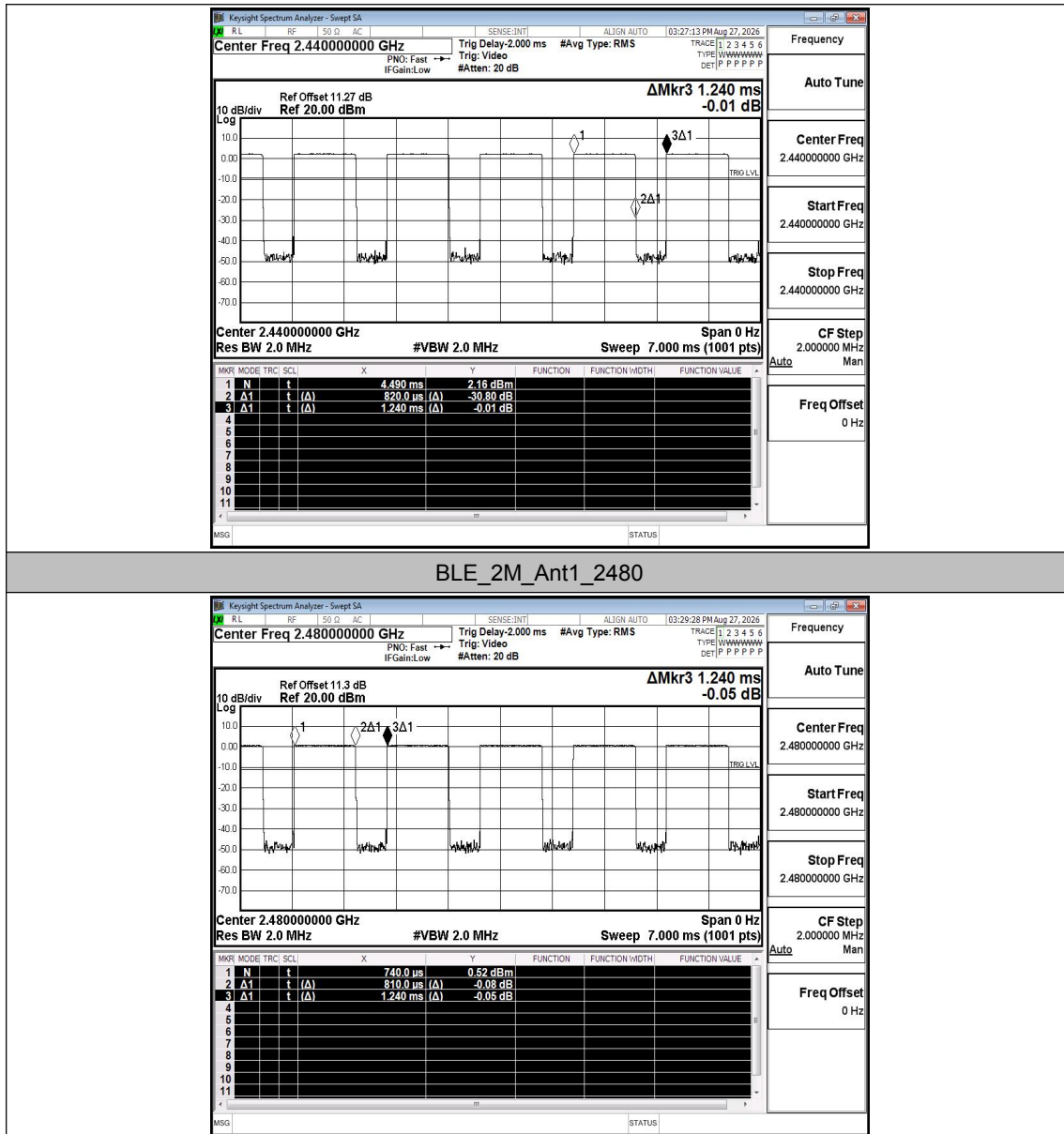
Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.64	1.88	0.8723	87.23	0.59	---	---
		2440	1.64	1.88	0.8723	87.23	0.59	---	---
		2480	1.64	1.88	0.8723	87.23	0.59	---	---
BLE_2M	Ant1	2402	0.81	1.24	0.6532	65.32	1.85	---	---
		2440	0.82	1.24	0.6613	66.13	1.80	---	---
		2480	0.81	1.24	0.6532	65.32	1.85	---	---

Test Graphs







A.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-57.7	≤-43.79	3.0	0.59	41.09	≤54	PASS
				AV	2364.785	-56.85	≤-43.79	3.0	0.59	41.94	≤54	PASS
				AV	2390.000	-57.68	≤-43.79	3.0	0.59	41.11	≤54	PASS
				Peak	2310.000	-49.81	≤-23.20	3.0	0.00	48.39	≤74	PASS
				Peak	2372.345	-47.03	≤-23.20	3.0	0.00	51.17	≤74	PASS
				Peak	2390.000	-49.23	≤-23.20	3.0	0.00	48.97	≤74	PASS
		High	2480	AV	2483.500	-56.77	≤-43.79	3.0	0.59	42.02	≤54	PASS
				AV	2484.320	-56.28	≤-43.79	3.0	0.59	42.51	≤54	PASS
				AV	2500.000	-57.5	≤-43.79	3.0	0.59	41.29	≤54	PASS
				Peak	2483.500	-48.25	≤-23.20	3.0	0.00	49.95	≤74	PASS
				Peak	2485.520	-45.07	≤-23.20	3.0	0.00	53.13	≤74	PASS
				Peak	2500.000	-49.52	≤-23.20	3.0	0.00	48.68	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.18	≤-45.05	3.0	1.85	42.87	≤54	PASS
				AV	2352.290	-56.73	≤-45.05	3.0	1.85	43.32	≤54	PASS
				AV	2390.000	-57.98	≤-45.05	3.0	1.85	42.07	≤54	PASS
				Peak	2310.000	-47.96	≤-23.20	3.0	0.00	50.24	≤74	PASS
				Peak	2376.440	-45.32	≤-23.20	3.0	0.00	52.88	≤74	PASS
				Peak	2390.000	-49.13	≤-23.20	3.0	0.00	49.07	≤74	PASS
		High	2480	AV	2483.500	-57.31	≤-45.05	3.0	1.85	42.74	≤54	PASS
				AV	2483.600	-56.55	≤-45.05	3.0	1.85	43.50	≤54	PASS
				AV	2500.000	-56.78	≤-45.05	3.0	1.85	43.27	≤54	PASS
				Peak	2483.500	-49.75	≤-23.20	3.0	0.00	48.45	≤74	PASS
				Peak	2487.760	-46.45	≤-23.20	3.0	0.00	51.75	≤74	PASS
				Peak	2500.000	-49.73	≤-23.20	3.0	0.00	48.47	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

