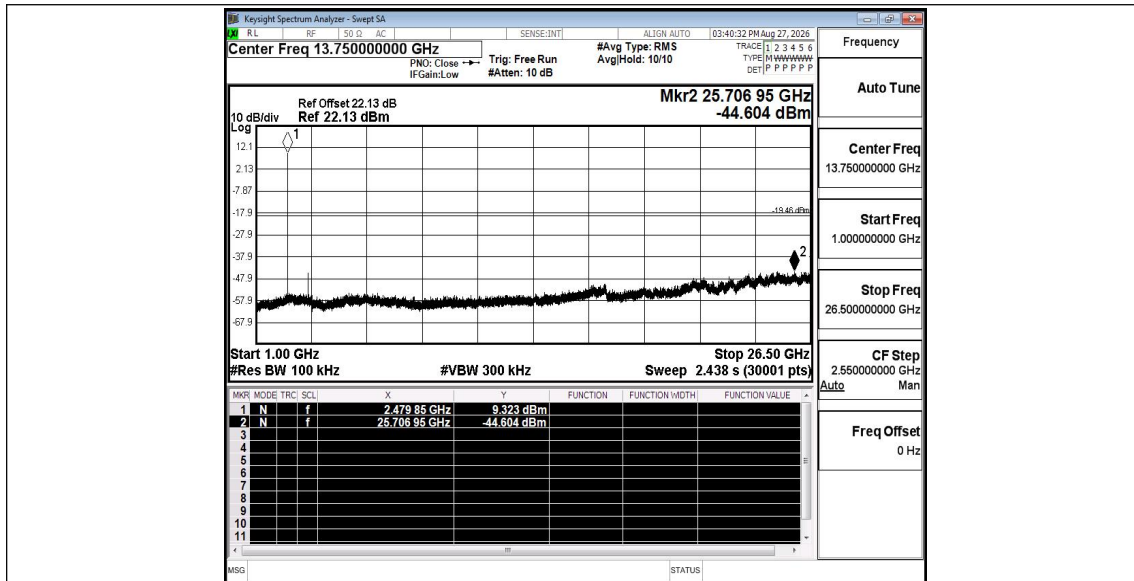
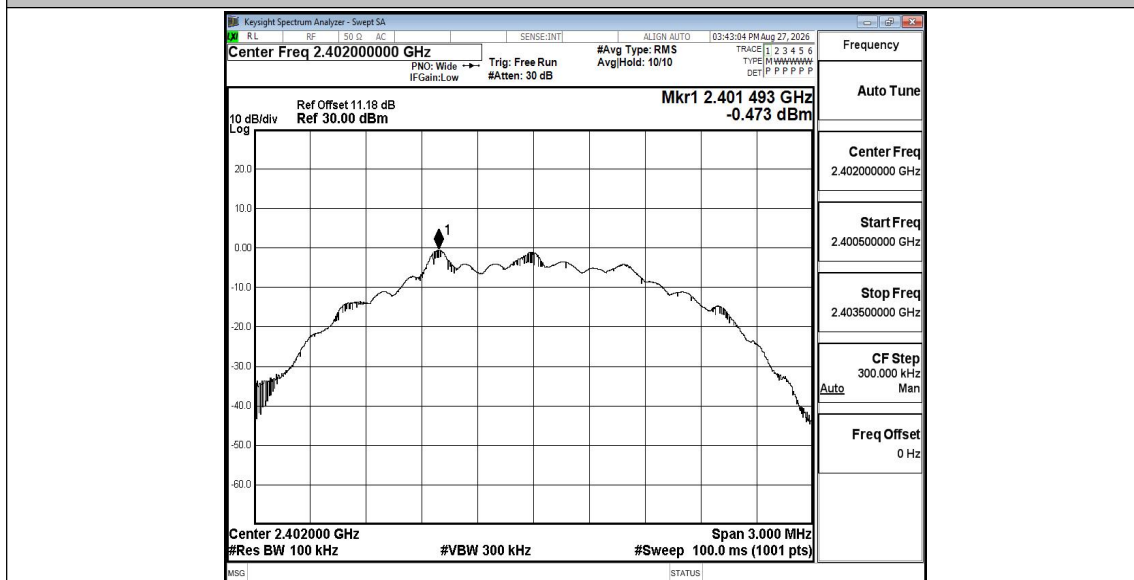
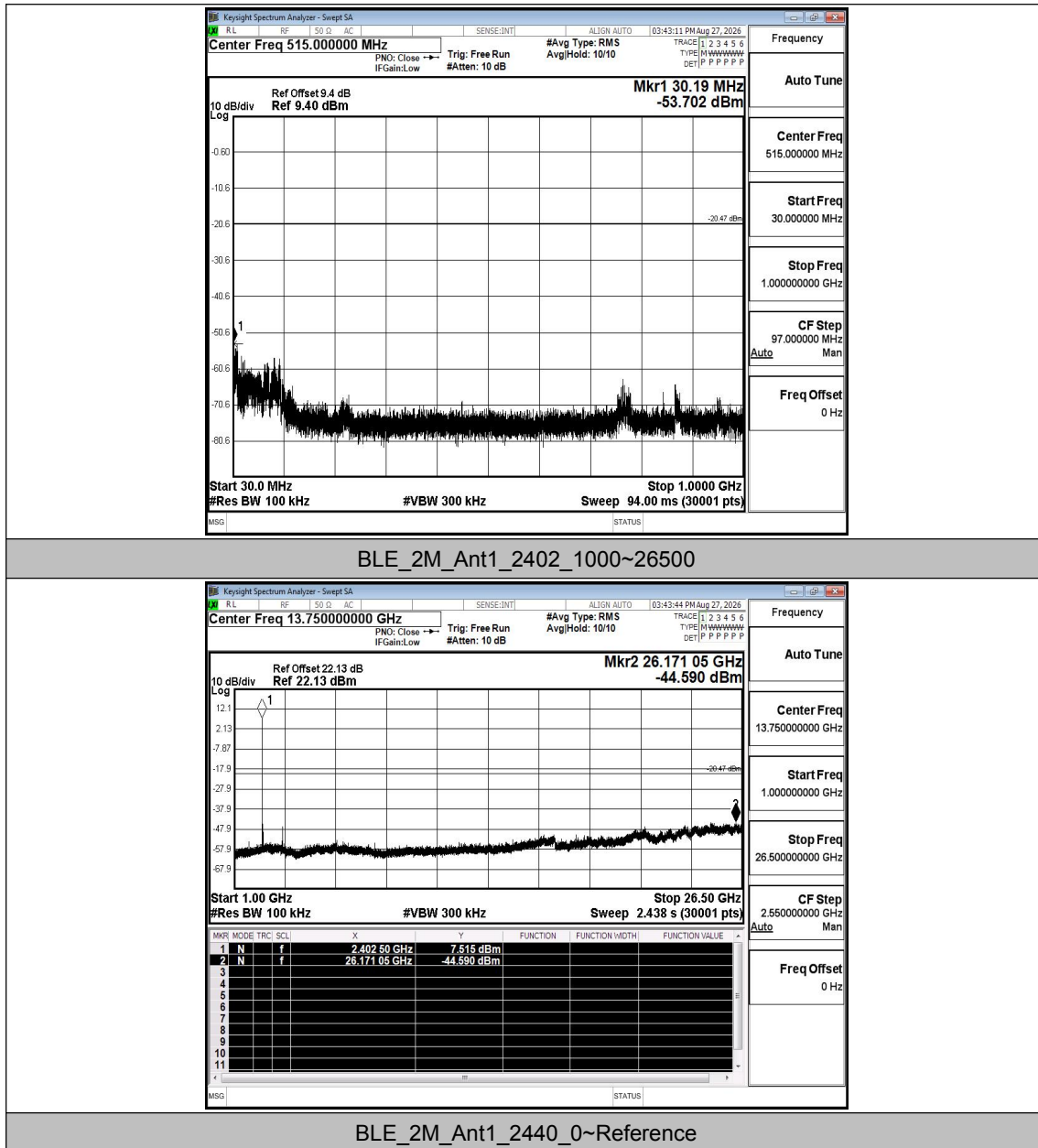


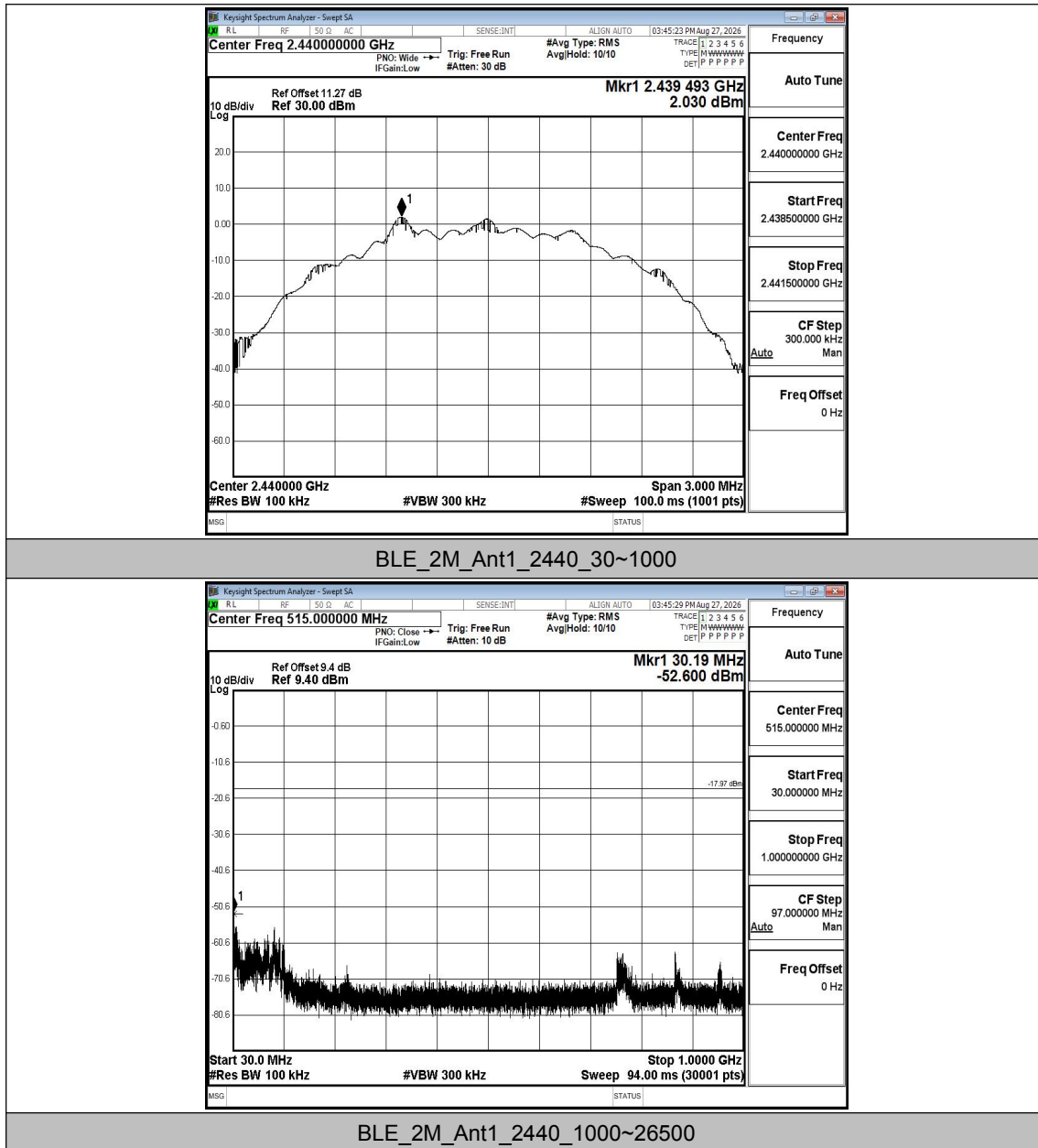


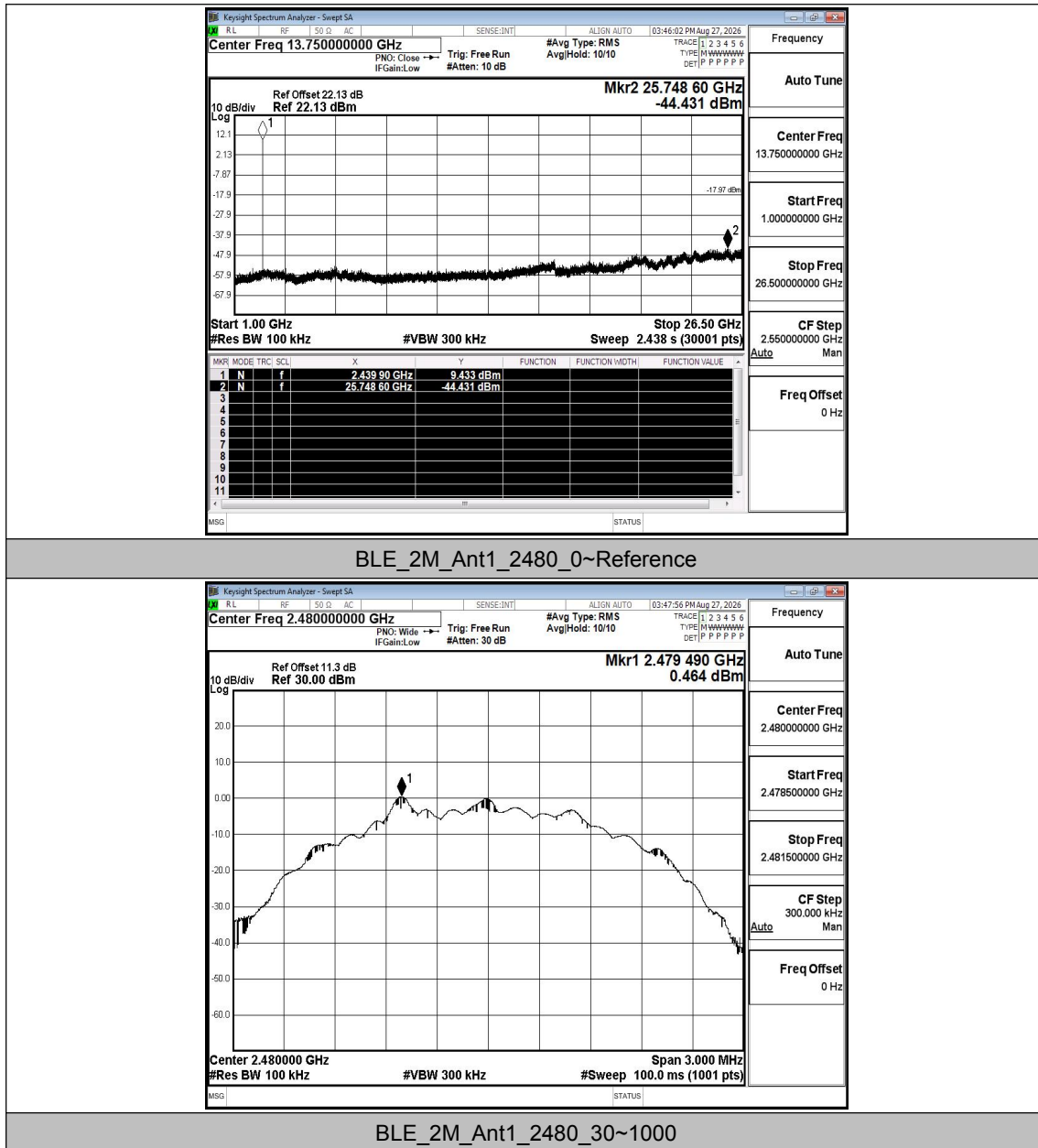
BLE_2M_Ant1_2402_0~Reference

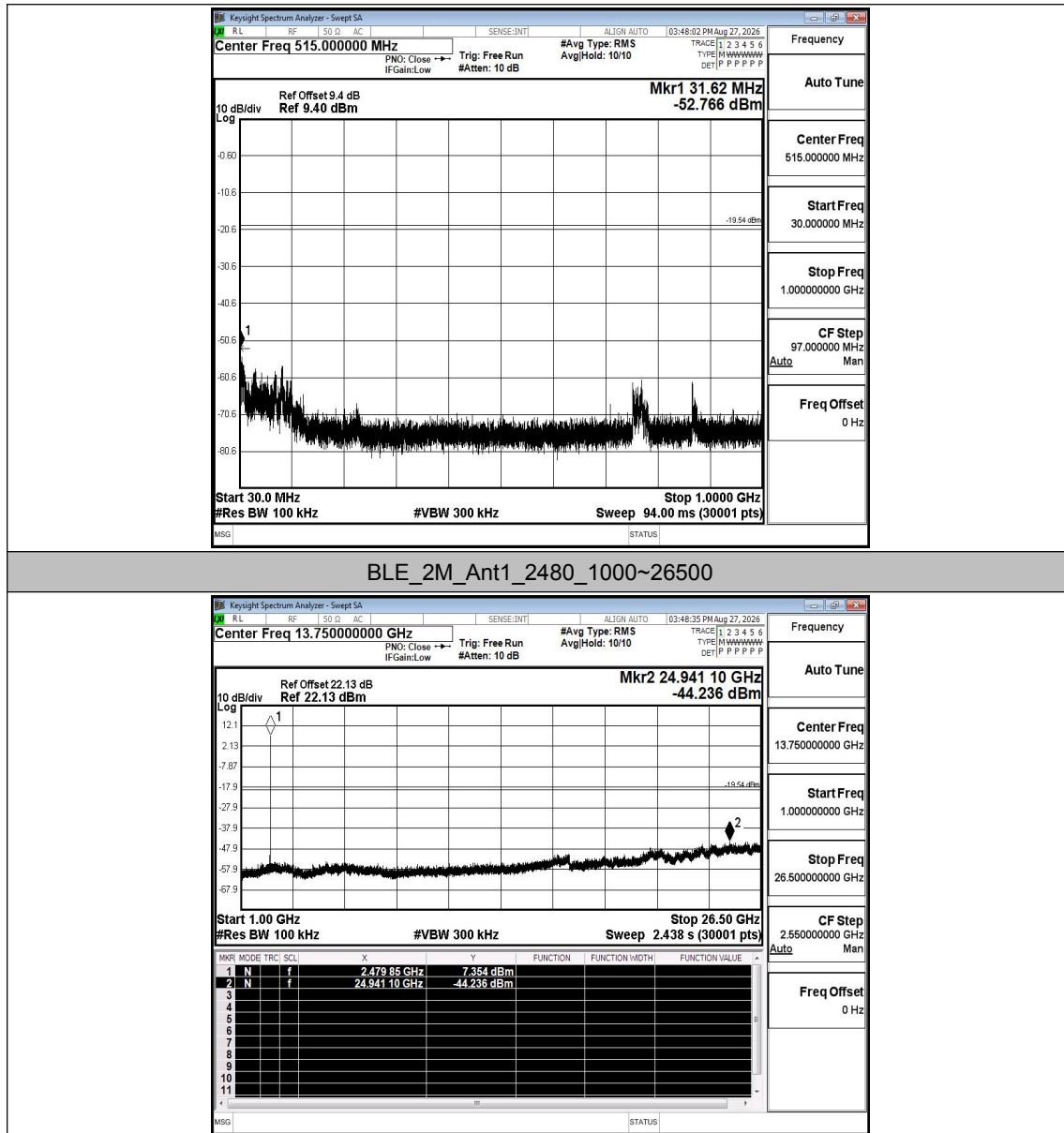


BLE_2M_Ant1_2402_30~1000







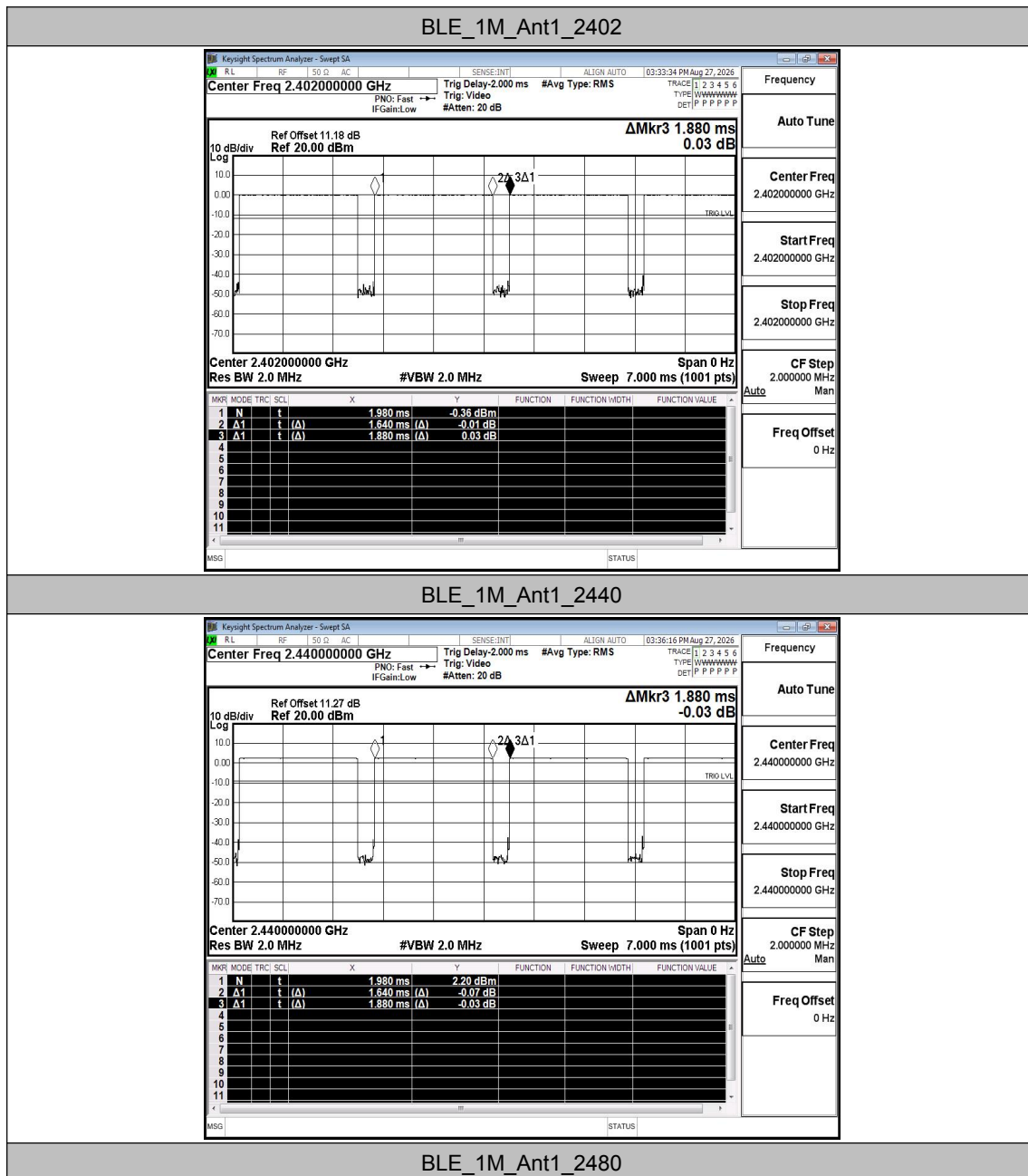


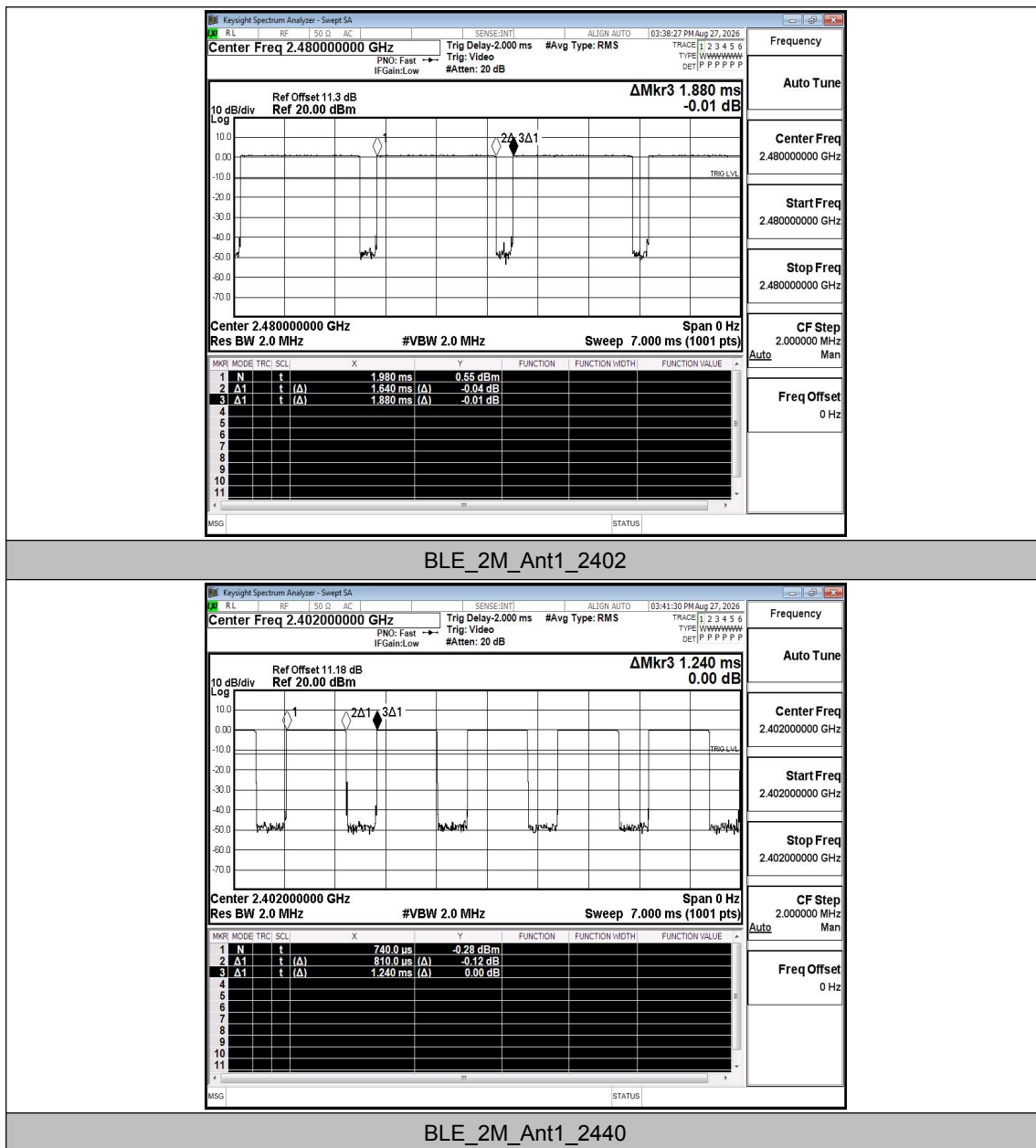
A.6 Duty Cycle

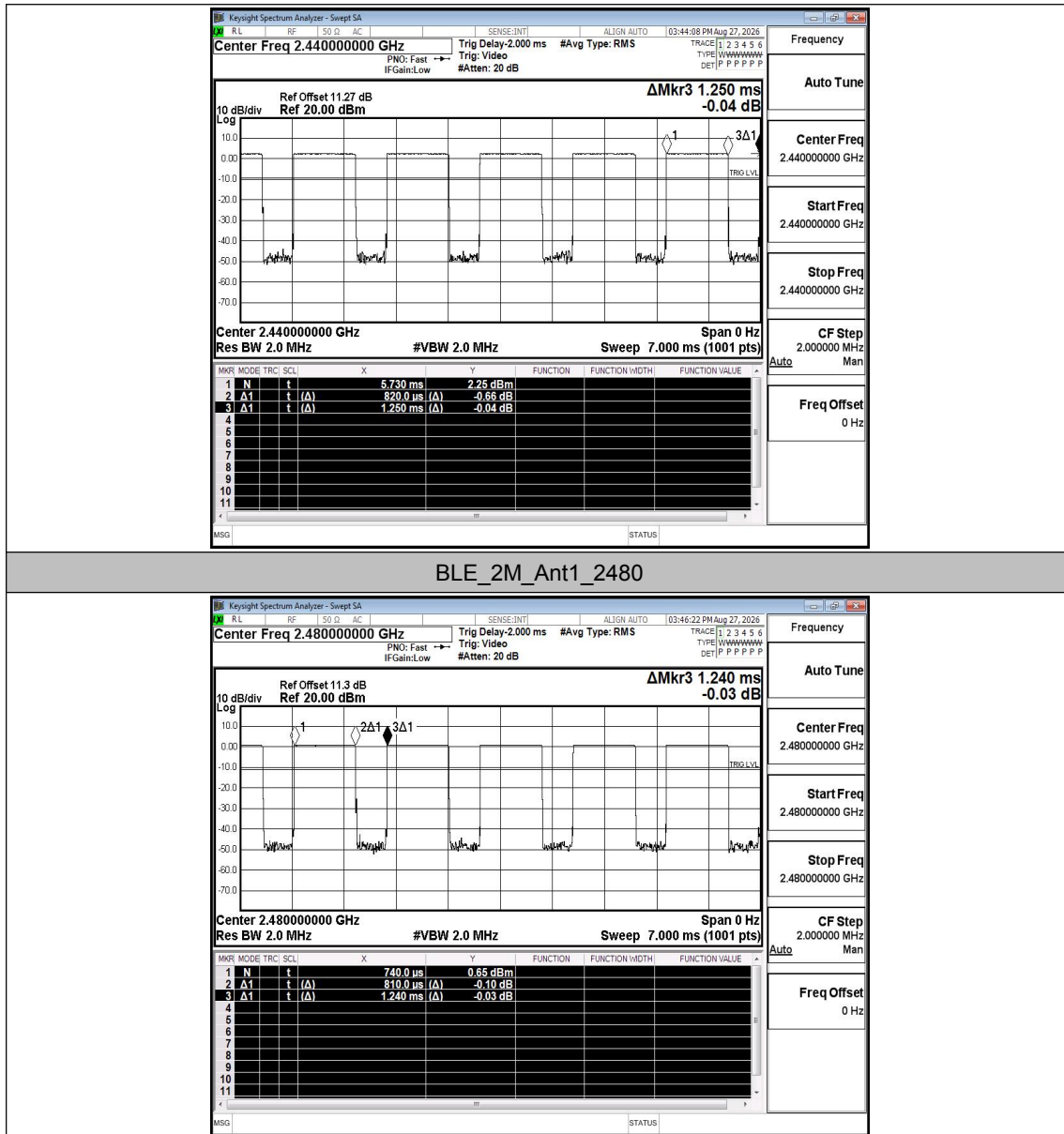
Test Result

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	1.25	0.6560	65.60	1.83	---	---
		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	-57.71	≤-43.79	3.0	0.59	41.08	≤54	PASS
				AV	2376.020	-57	≤-43.79	3.0	0.59	41.79	≤54	PASS
				AV	2390.000	-58.09	≤-43.79	3.0	0.59	40.70	≤54	PASS
				Peak	2310.000	-48.4	≤-23.20	3.0	0.00	49.80	≤74	PASS
				Peak	2322.890	-46.85	≤-23.20	3.0	0.00	51.35	≤74	PASS
				Peak	2390.000	-49	≤-23.20	3.0	0.00	49.20	≤74	PASS
		High	2480	AV	2483.500	-57.05	≤-43.79	3.0	0.59	41.74	≤54	PASS
				AV	2493.280	-56.29	≤-43.79	3.0	0.59	42.50	≤54	PASS
				AV	2500.000	-57.53	≤-43.79	3.0	0.59	41.26	≤54	PASS
				Peak	2483.500	-47.67	≤-23.20	3.0	0.00	50.53	≤74	PASS
				Peak	2484.640	-46.28	≤-23.20	3.0	0.00	51.92	≤74	PASS
				Peak	2500.000	-48.26	≤-23.20	3.0	0.00	49.94	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.63	≤-45.05	3.0	1.85	42.42	≤54	PASS
				AV	2366.360	-56.53	≤-45.05	3.0	1.85	43.52	≤54	PASS
				AV	2390.000	-57.33	≤-45.05	3.0	1.85	42.72	≤54	PASS
				Peak	2310.000	-49.89	≤-23.20	3.0	0.00	48.31	≤74	PASS
				Peak	2376.650	-46.61	≤-23.20	3.0	0.00	51.59	≤74	PASS
				Peak	2390.000	-50	≤-23.20	3.0	0.00	48.20	≤74	PASS
		High	2480	AV	2483.500	-56.52	≤-45.05	3.0	1.85	43.53	≤54	PASS
				AV	2484.480	-56.36	≤-45.05	3.0	1.85	43.69	≤54	PASS
				AV	2500.000	-57.68	≤-45.05	3.0	1.85	42.37	≤54	PASS
				Peak	2483.500	-49	≤-23.20	3.0	0.00	49.20	≤74	PASS
				Peak	2484.560	-46.16	≤-23.20	3.0	0.00	52.04	≤74	PASS
				Peak	2500.000	-50.34	≤-23.20	3.0	0.00	47.86	≤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

