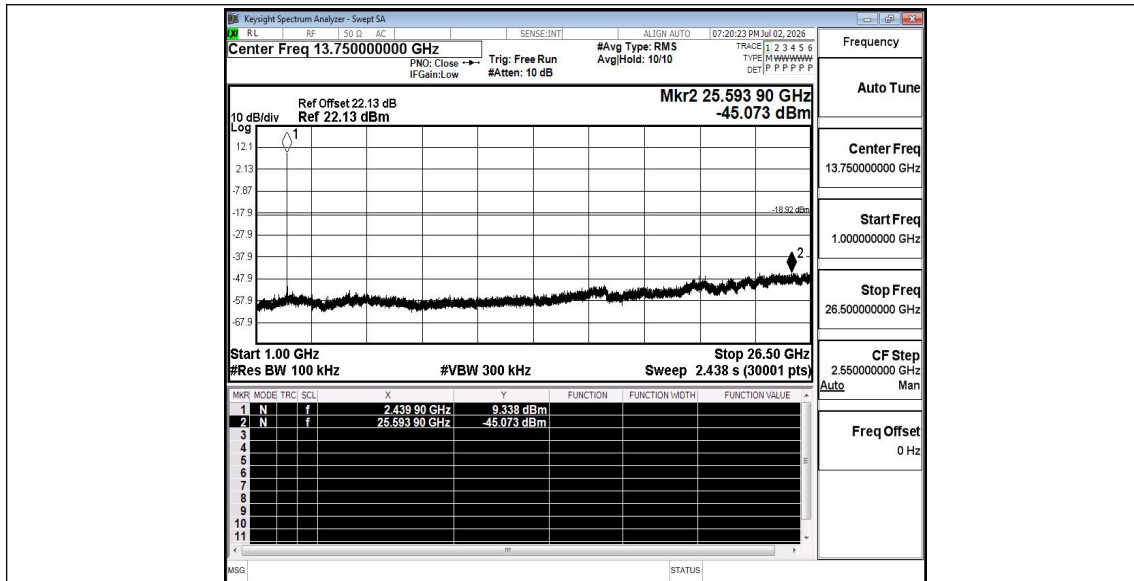
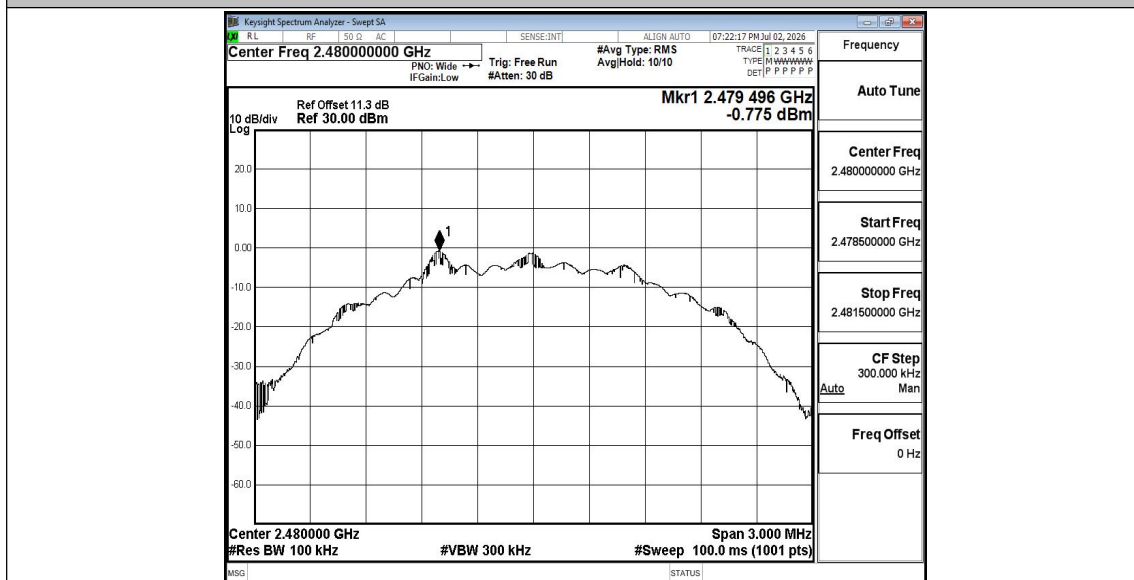
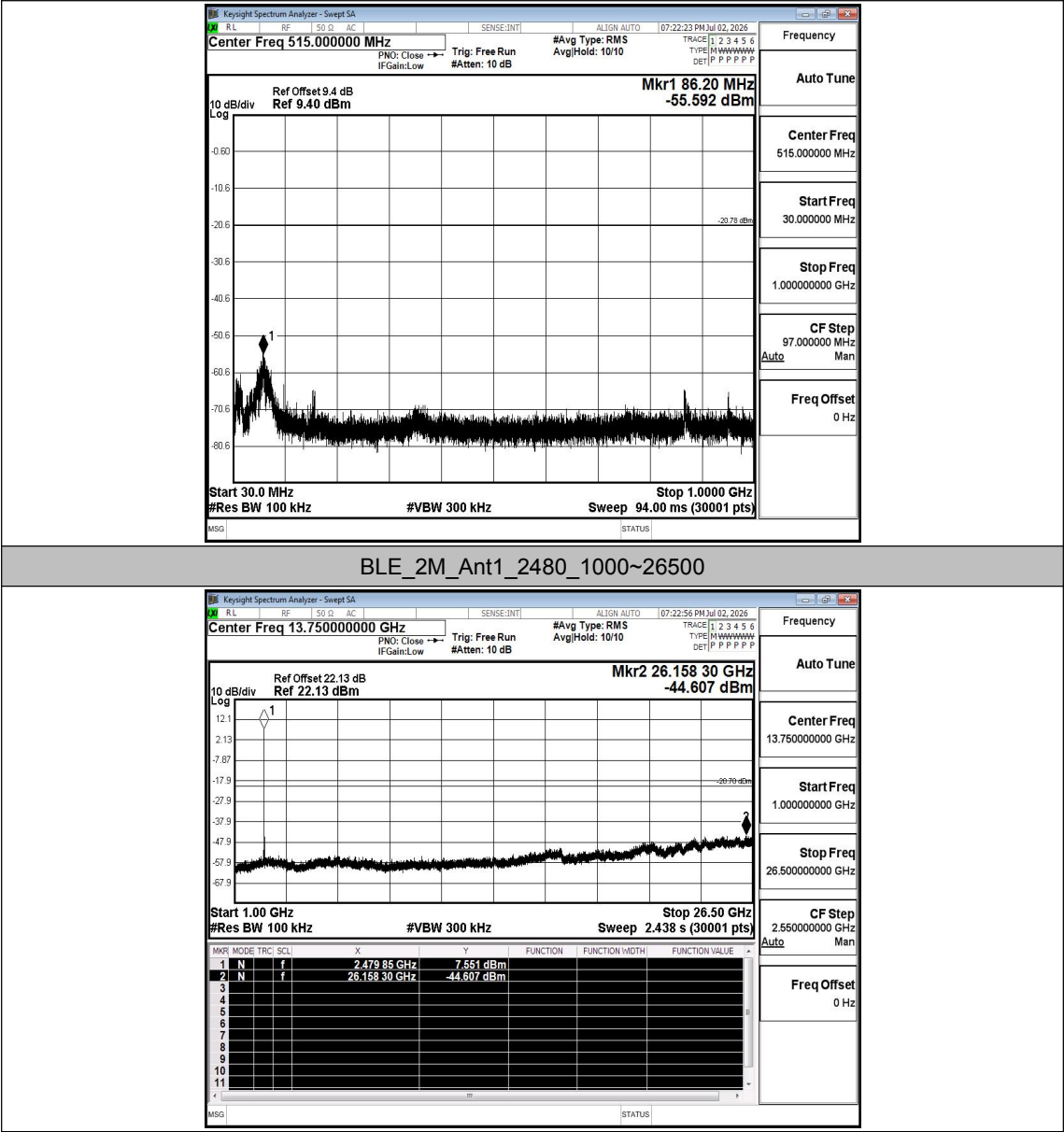




BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000

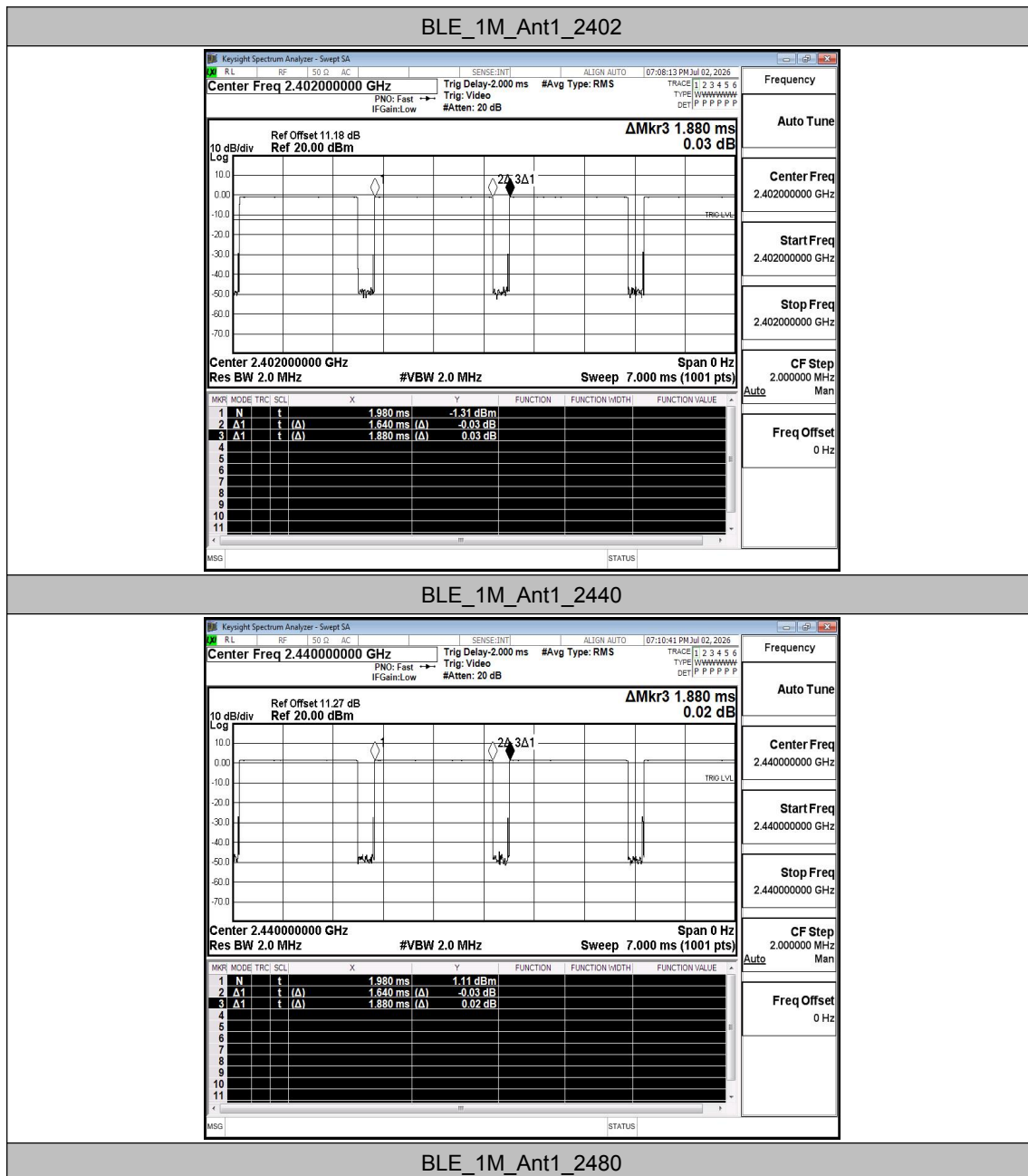


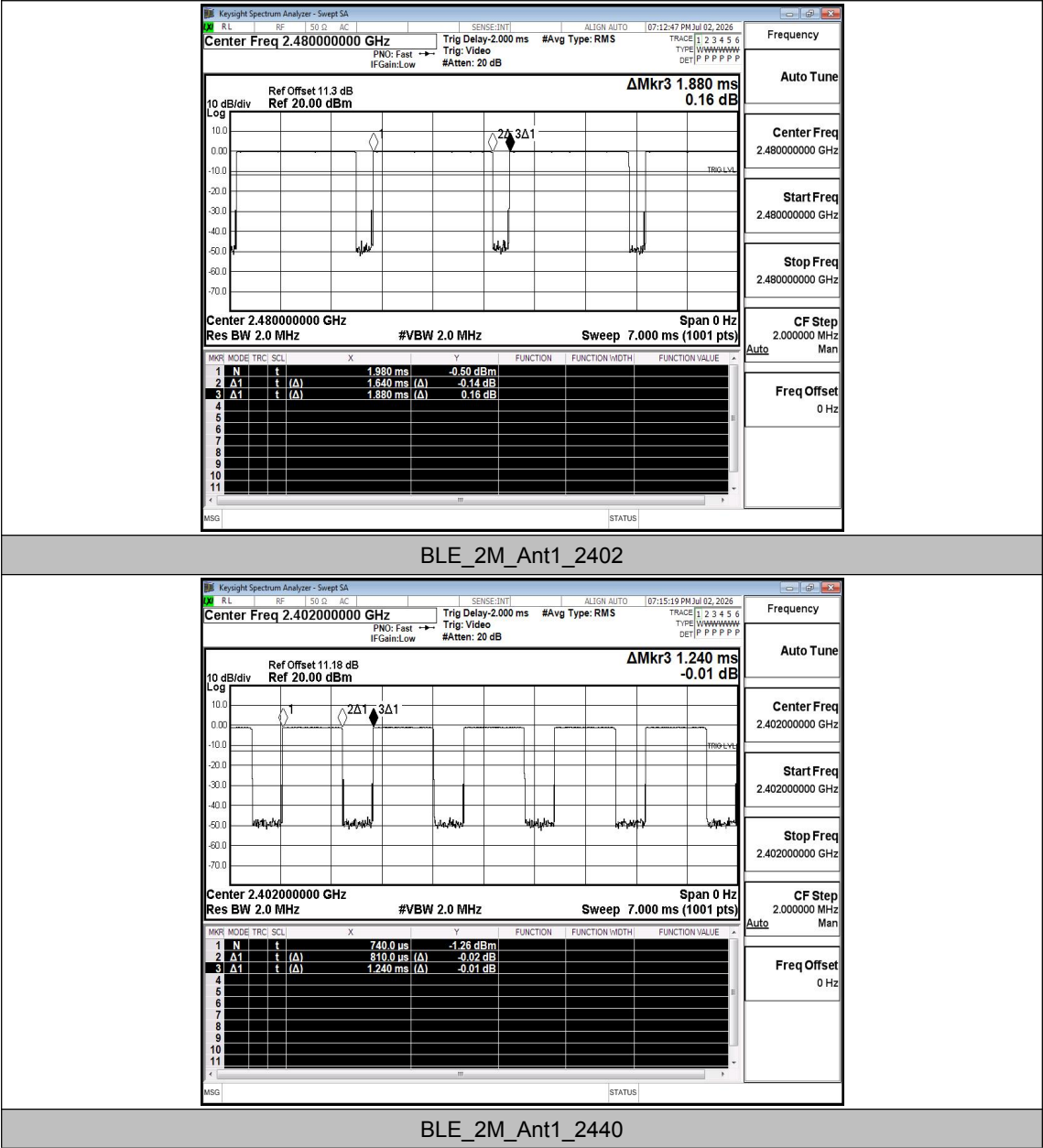
B.6 Duty Cycle

Test Result

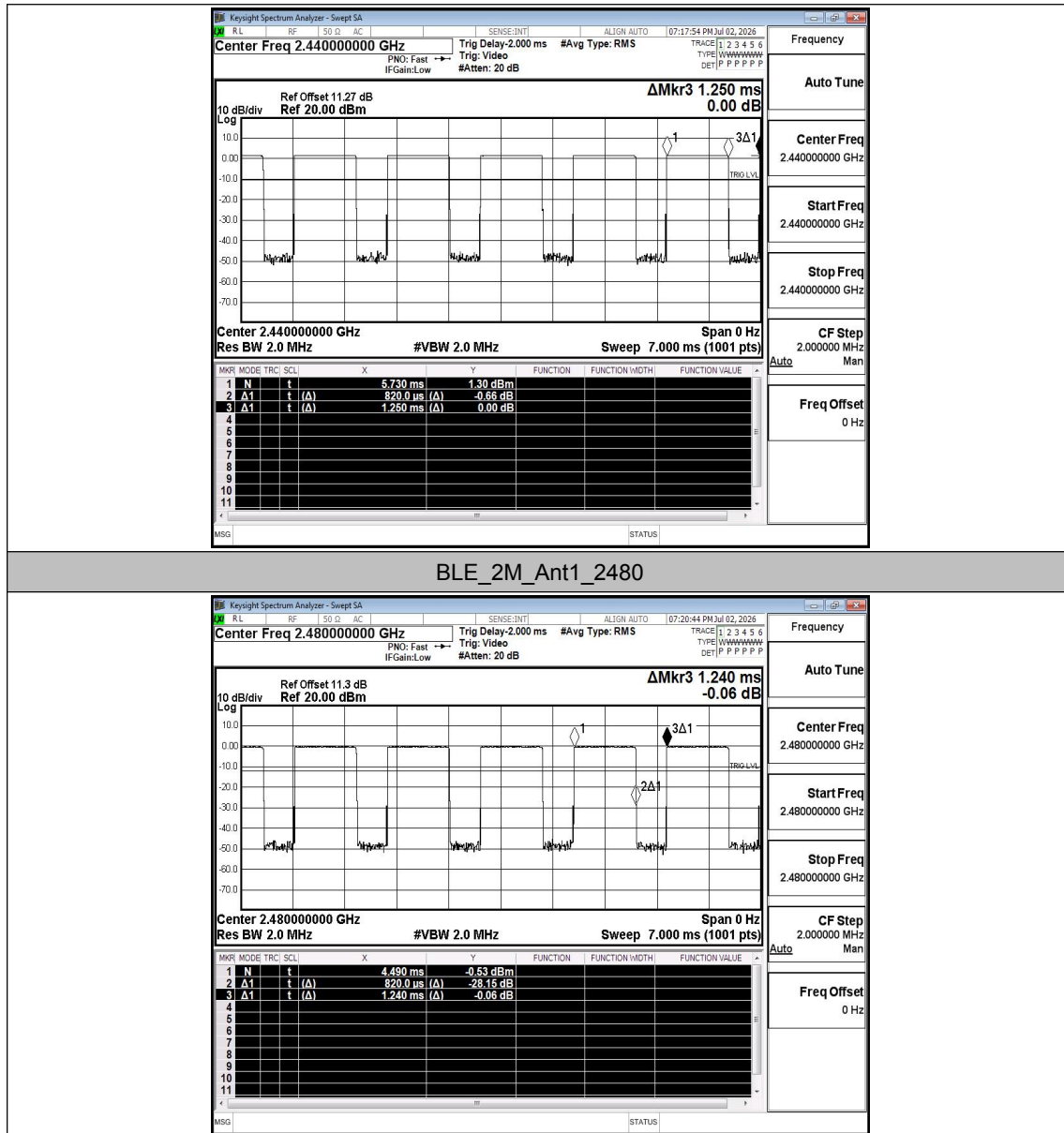
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.64	1.88	0.8723	87.23	0.59	---	---
		2440	1.64	1.88	0.8723	87.23	0.59	---	---
		2480	1.64	1.88	0.8723	87.23	0.59	---	---
BLE_2M	Ant1	2402	0.81	1.24	0.6532	65.32	1.85	---	---
		2440	0.82	1.25	0.6560	65.60	1.83	---	---
		2480	0.82	1.24	0.6613	66.13	1.80	---	---

Test Graphs





BLE_2M_Ant1_2440



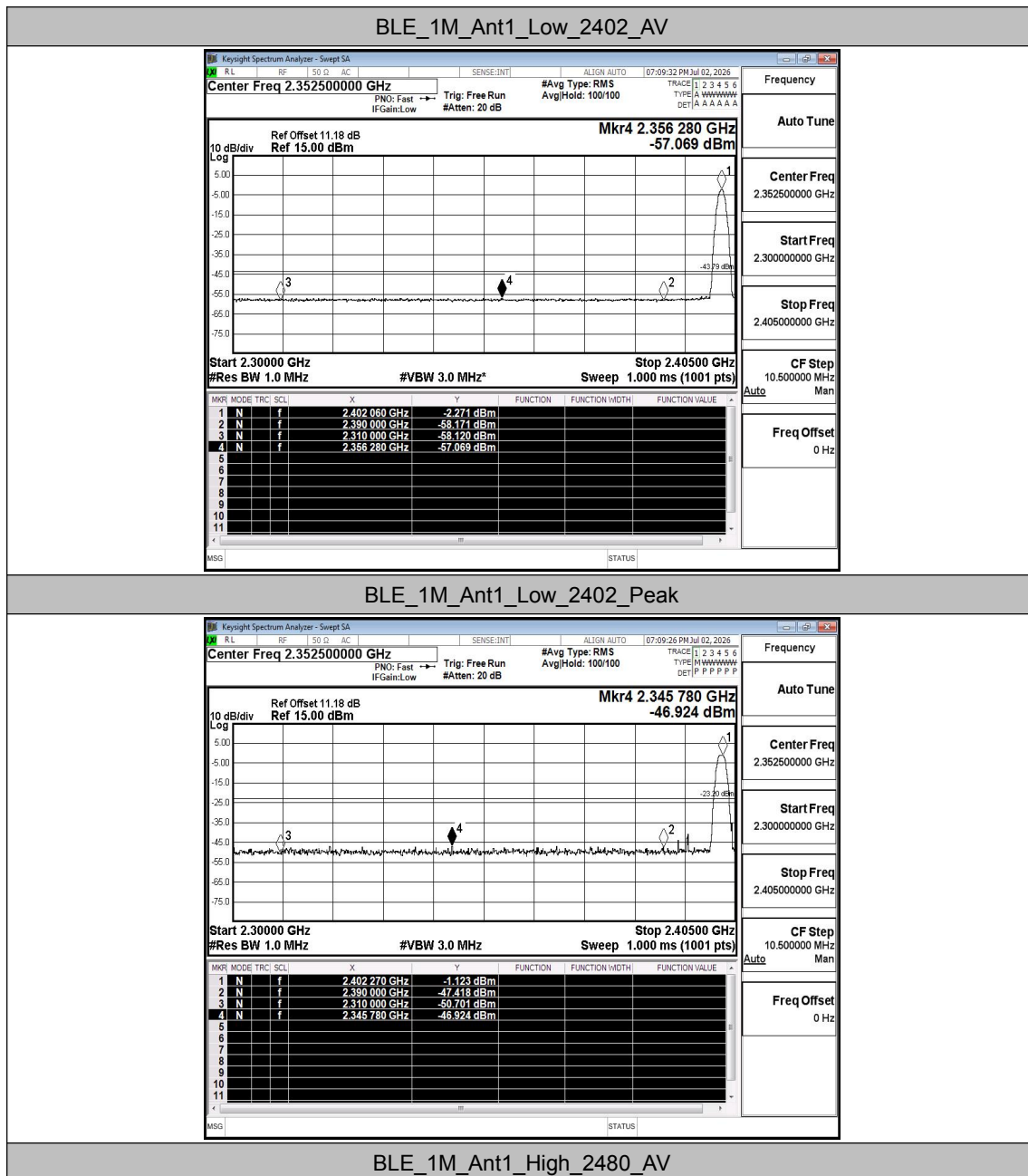
B.7 Emissions in Restricted Bands**Test Result**

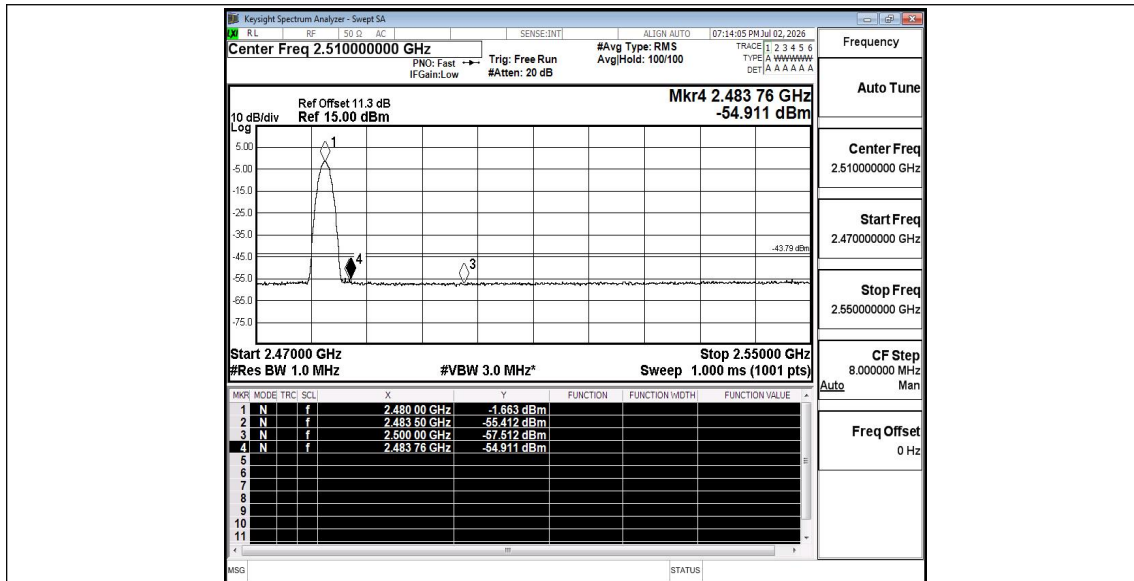
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-58.12	≤-43.79	2.00	0.59	39.67	≤54	PASS
				AV	2356.280	-57.07	≤-43.79	2.00	0.59	40.72	≤54	PASS
				AV	2390.000	-58.17	≤-43.79	2.00	0.59	39.62	≤54	PASS
				Peak	2310.000	-50.7	≤-23.20	2.00	0.00	46.50	≤74	PASS
				Peak	2345.780	-46.92	≤-23.20	2.00	0.00	50.28	≤74	PASS
				Peak	2390.000	-47.42	≤-23.20	2.00	0.00	49.78	≤74	PASS
		High	2480	AV	2483.500	-55.41	≤-43.79	2.00	0.59	42.38	≤54	PASS
				AV	2483.760	-54.91	≤-43.79	2.00	0.59	42.88	≤54	PASS
				AV	2500.000	-57.51	≤-43.79	2.00	0.59	40.28	≤54	PASS
				Peak	2483.500	-48.62	≤-23.20	2.00	0.00	48.58	≤74	PASS
				Peak	2483.600	-37.57	≤-23.20	2.00	0.00	59.63	≤74	PASS
				Peak	2500.000	-51.14	≤-23.20	2.00	0.00	46.06	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.64	≤-45.05	2.00	1.85	41.41	≤54	PASS
				AV	2324.045	-57.07	≤-45.05	2.00	1.85	41.98	≤54	PASS
				AV	2390.000	-58.07	≤-45.05	2.00	1.85	40.98	≤54	PASS
				Peak	2310.000	-49.77	≤-23.20	2.00	0.00	47.43	≤74	PASS
				Peak	2330.135	-46.63	≤-23.20	2.00	0.00	50.57	≤74	PASS
				Peak	2390.000	-50.52	≤-23.20	2.00	0.00	46.68	≤74	PASS
		High	2480	AV	2483.500	-56.78	≤-45.00	2.00	1.80	42.22	≤54	PASS
				AV	2484.400	-55.9	≤-45.00	2.00	1.80	43.10	≤54	PASS
				AV	2500.000	-58.25	≤-45.00	2.00	1.80	40.75	≤54	PASS
				Peak	2483.500	-49.68	≤-23.20	2.00	0.00	47.52	≤74	PASS
				Peak	2484.160	-37.38	≤-23.20	2.00	0.00	59.82	≤74	PASS
				Peak	2500.000	-50.75	≤-23.20	2.00	0.00	46.45	≤74	PASS

Note:

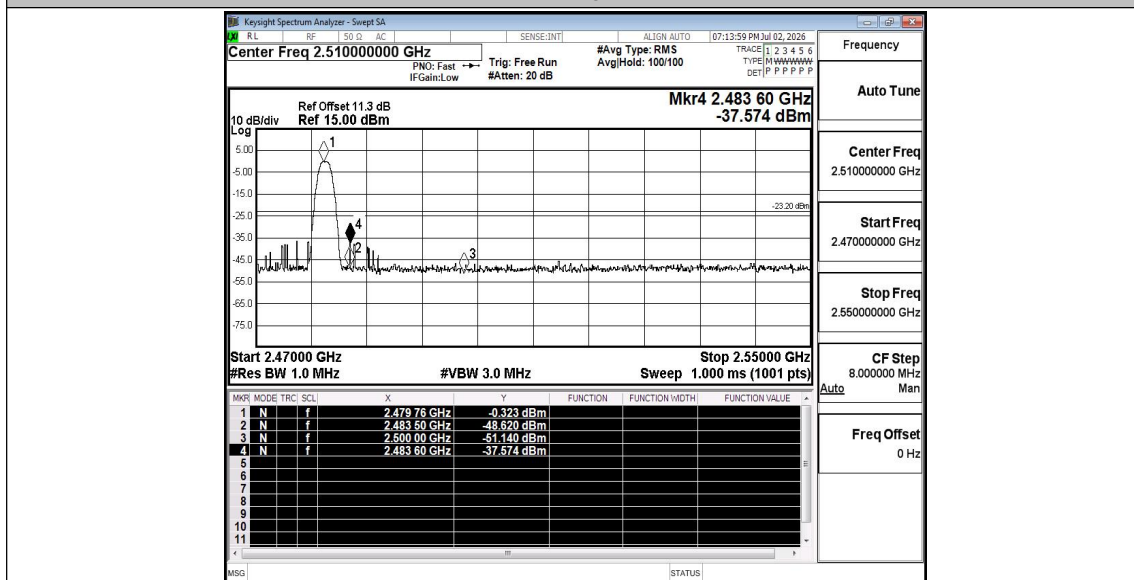
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

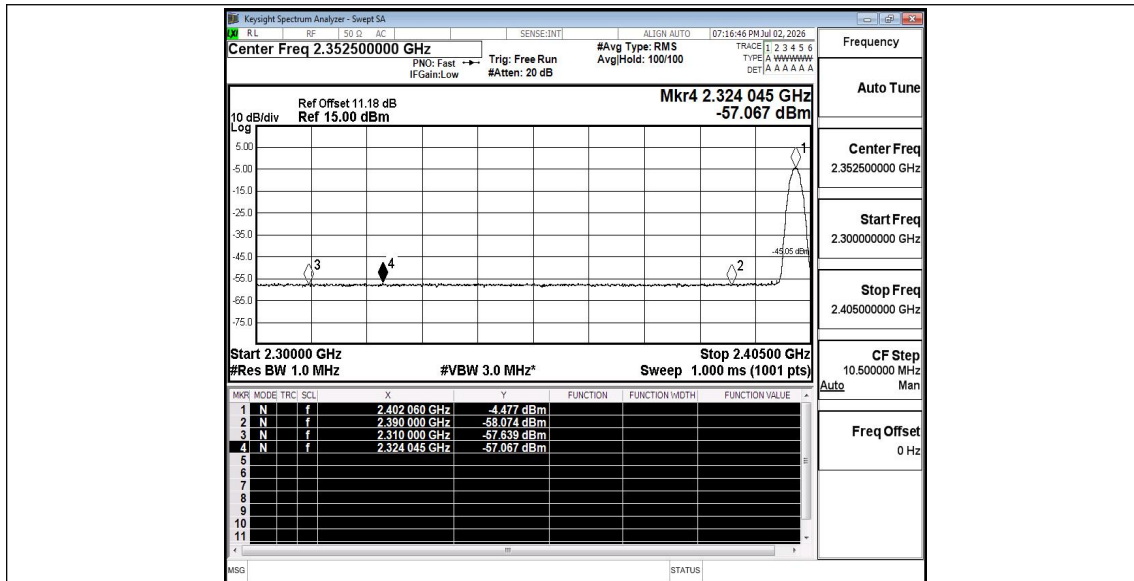




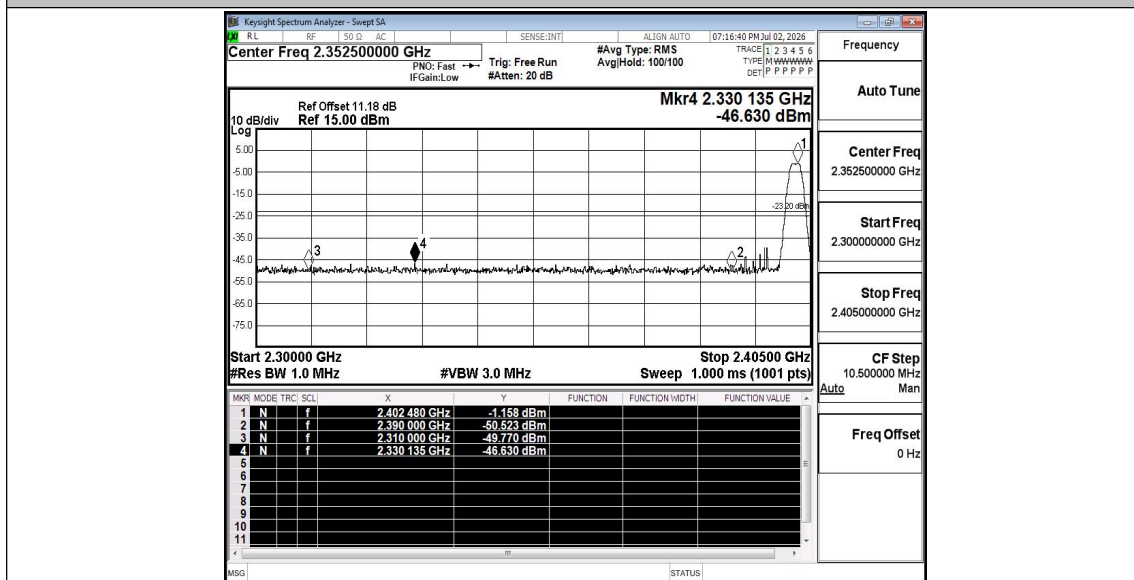
BLE_1M_Ant1_High_2480_Peak



BLE_2M_Ant1_Low_2402_AV



BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV

