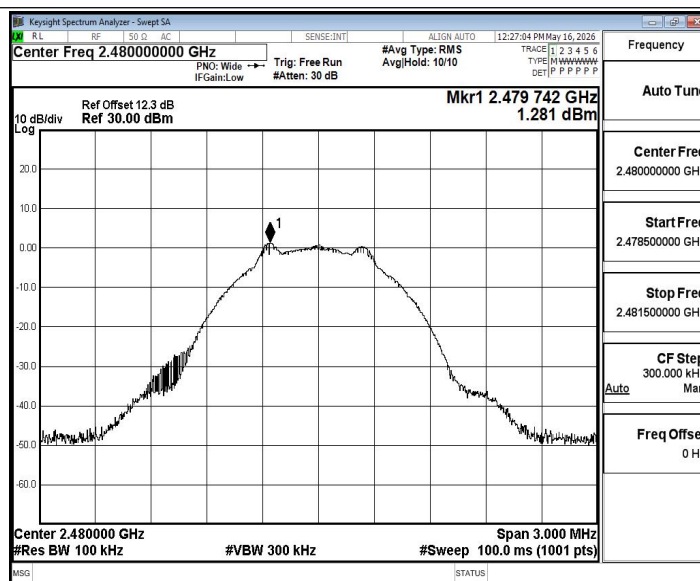
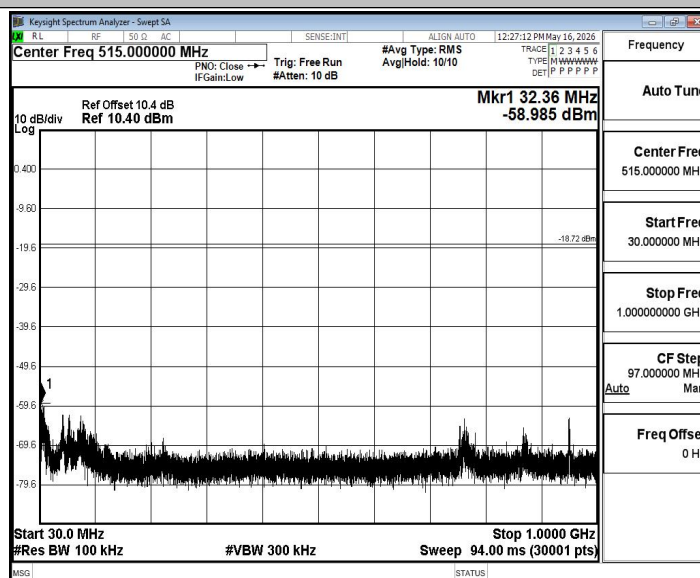
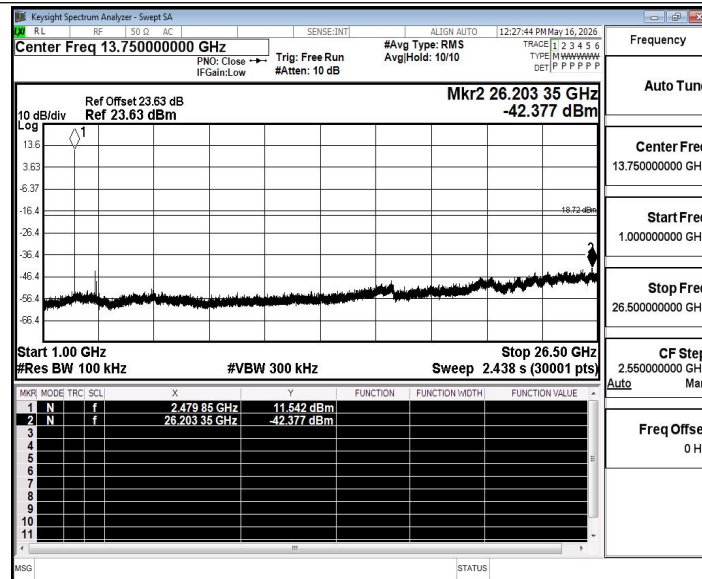




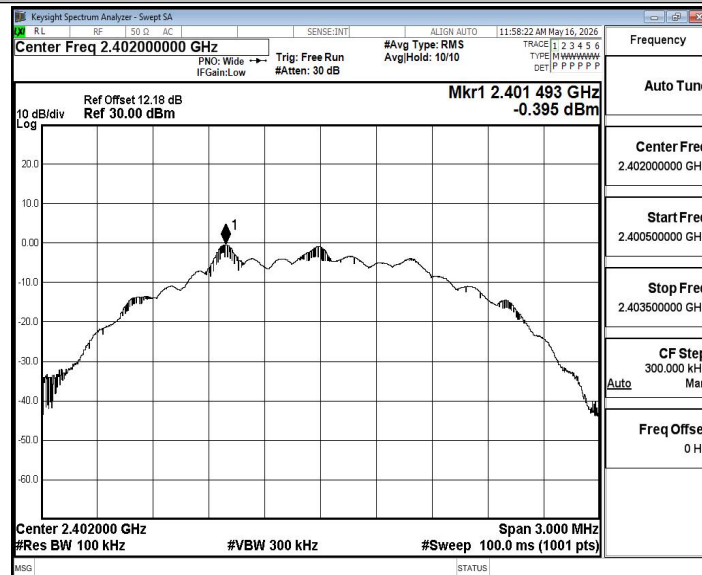
BLE_1M_Ant1_2480_30~1000



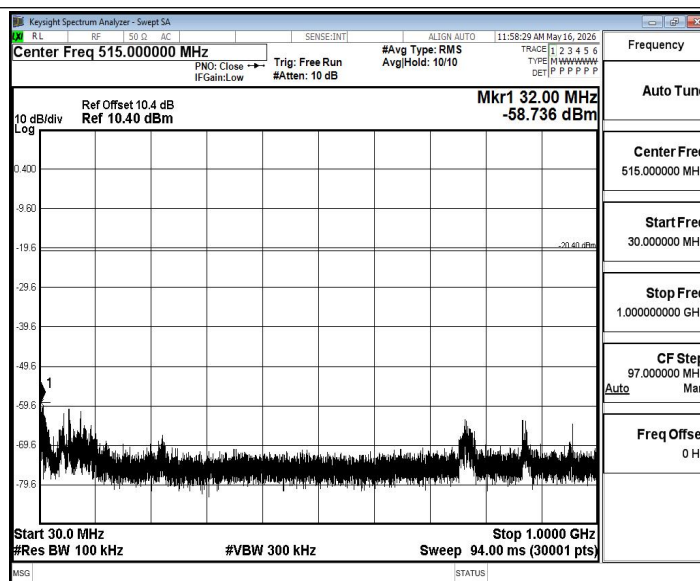
BLE_1M_Ant1_2480_1000~26500



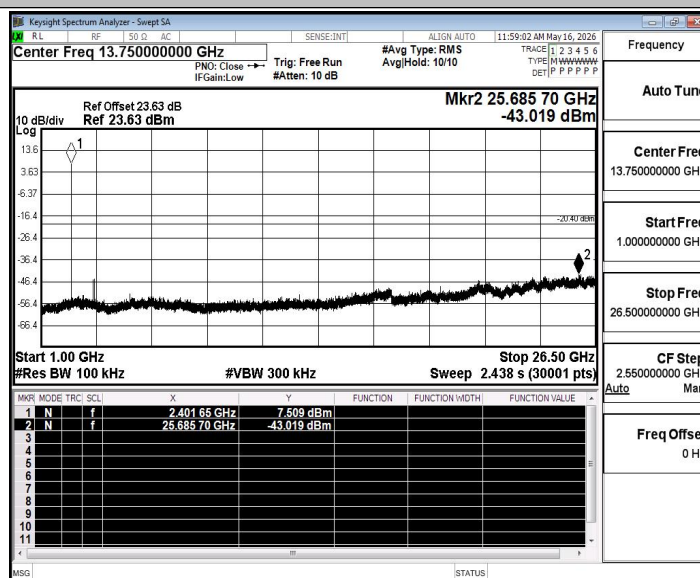
BLE_2M_Ant1_2402_0~Reference



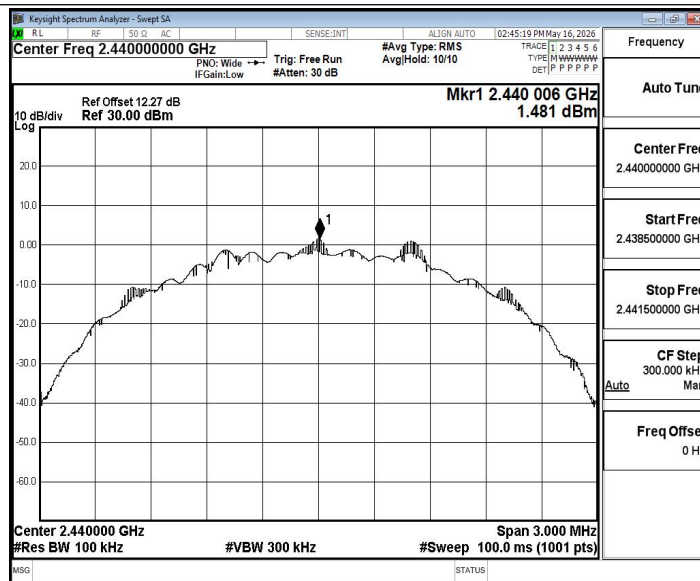
BLE_2M_Ant1_2402_30~1000



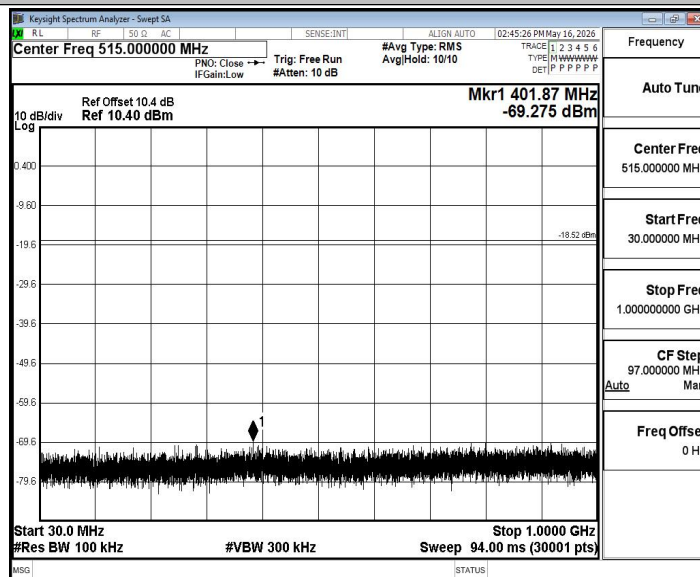
BLE_2M_Ant1_2402_1000~26500



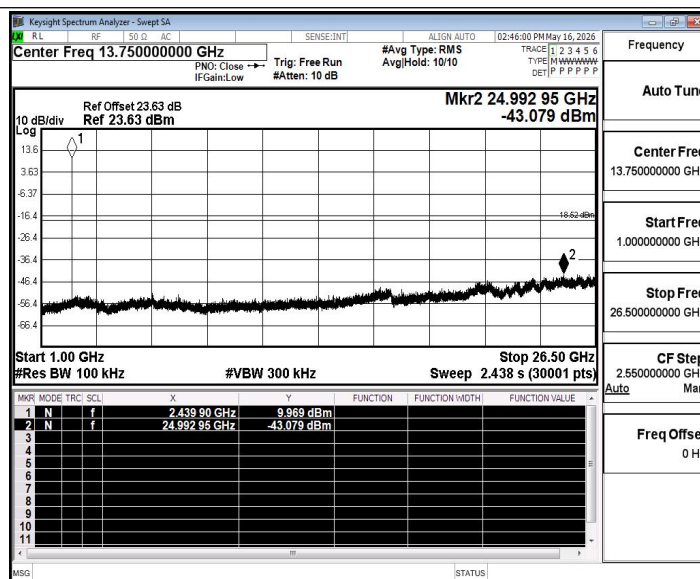
BLE_2M_Ant1_2440_0~Reference



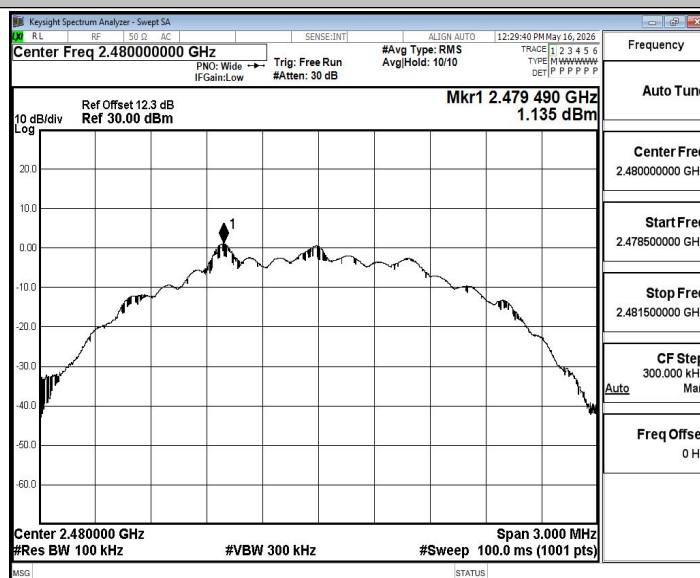
BLE_2M_Ant1_2440_30~1000



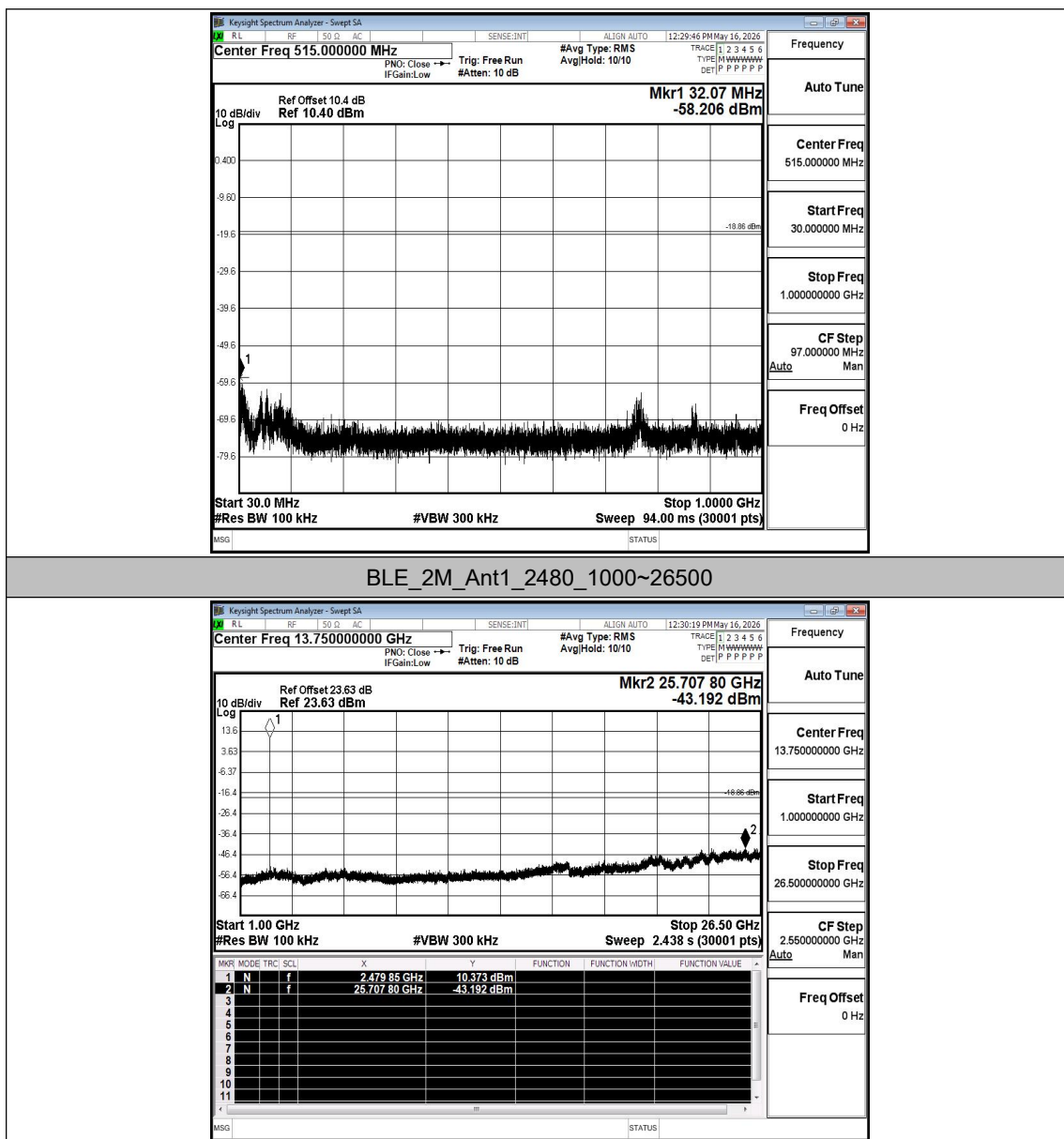
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



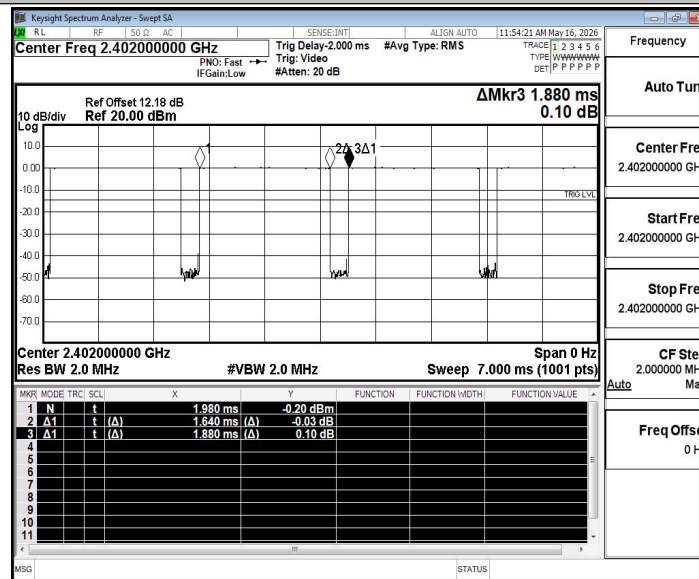
A.6: Duty Cycle

Test Result

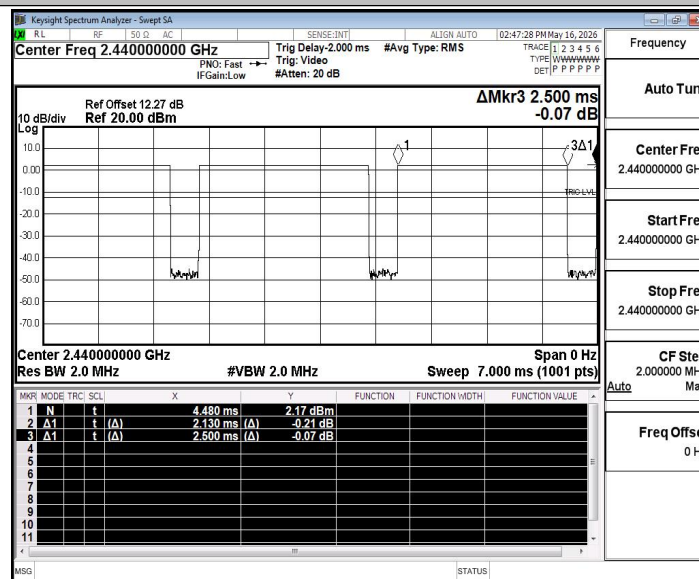
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.64	1.88	0.8723	87.23	0.59	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	1.64	1.88	0.8723	87.23	0.59	---	---
BLE_2M	Ant1	2402	0.82	1.25	0.6560	65.60	1.83	---	---
		2440	1.07	1.87	0.5722	57.22	2.42	---	---
		2480	0.82	1.25	0.6560	65.60	1.83	---	---

Test Graphs

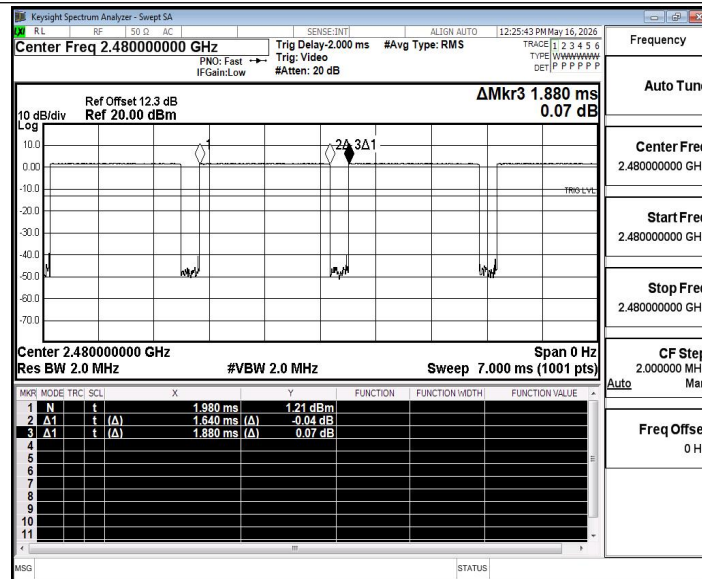
BLE_1M_Ant1_2402



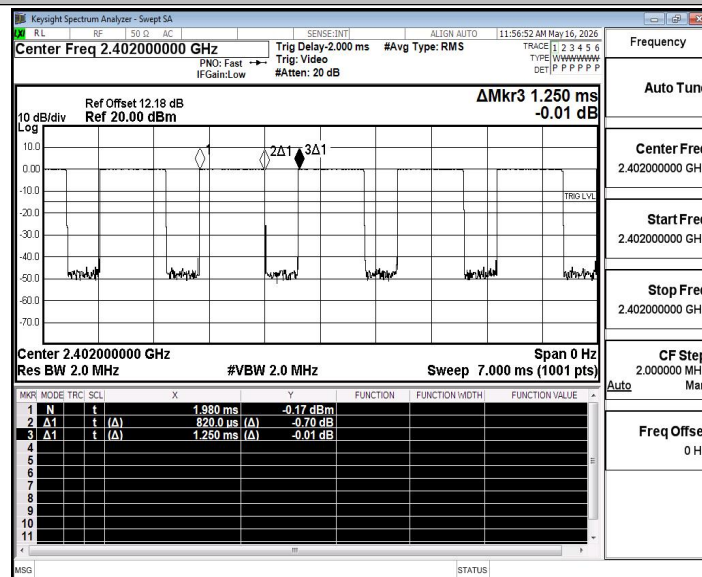
BLE_1M_Ant1_2440



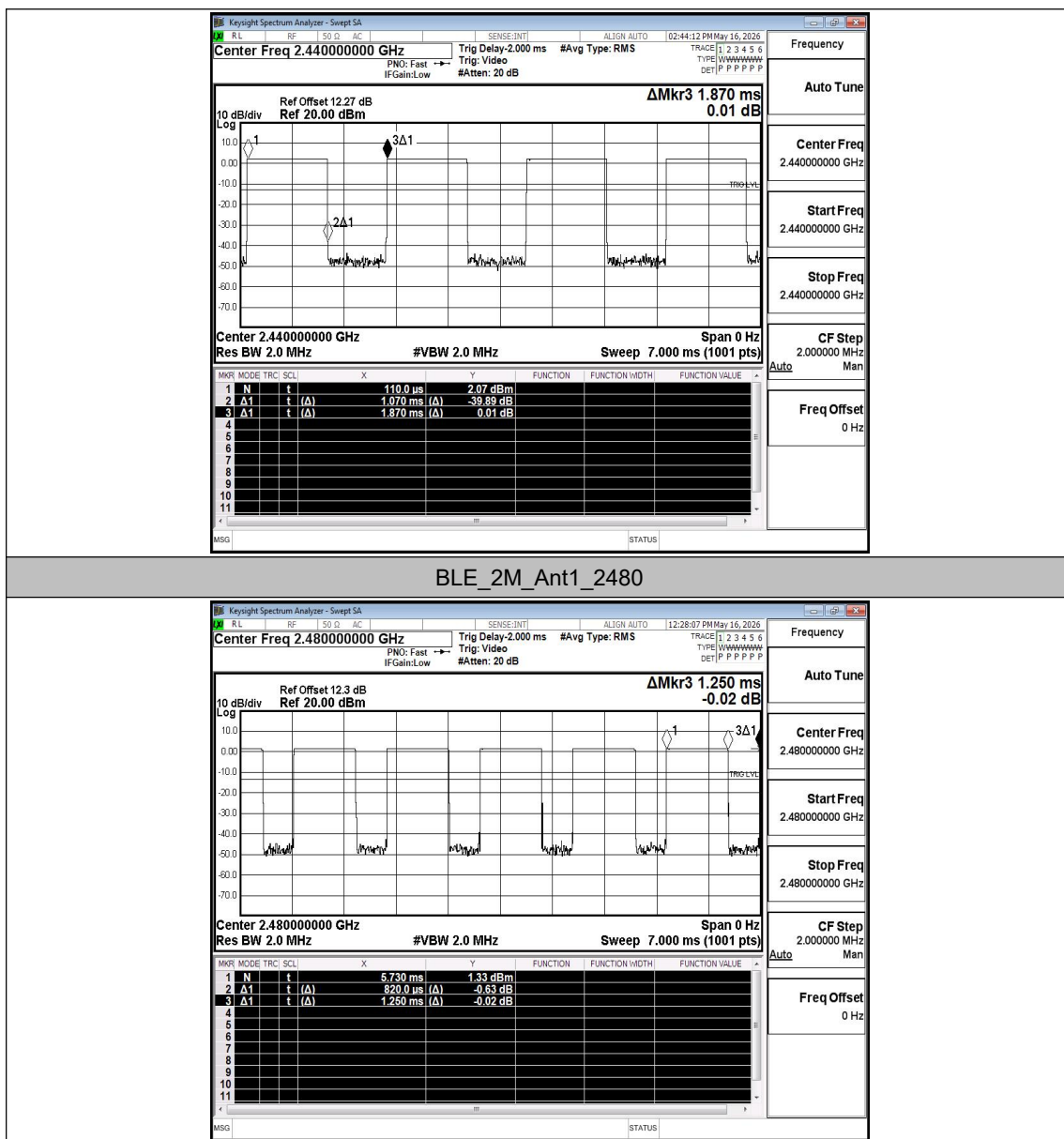
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



A.7: Emissions in Restricted Bands

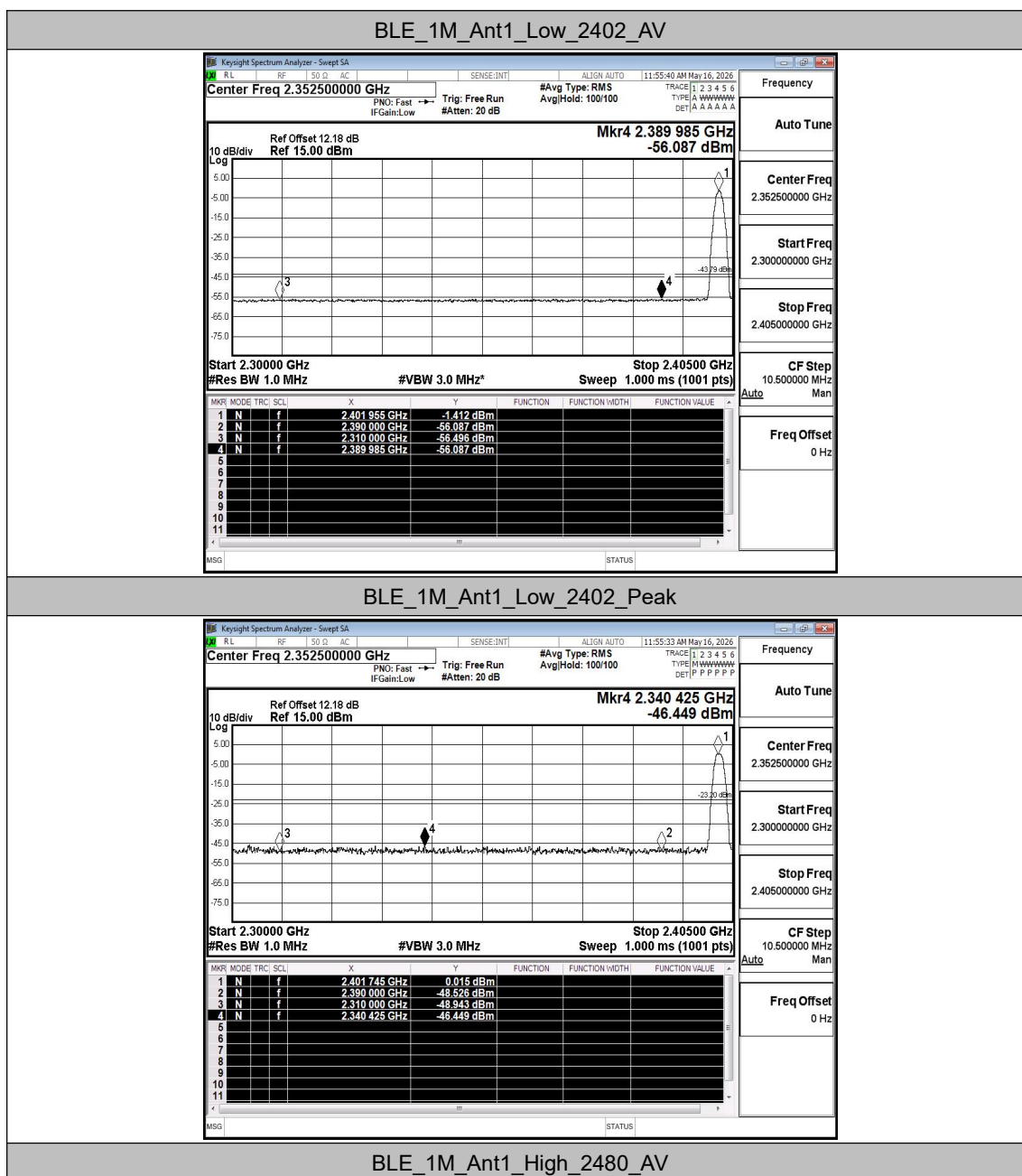
Test Result

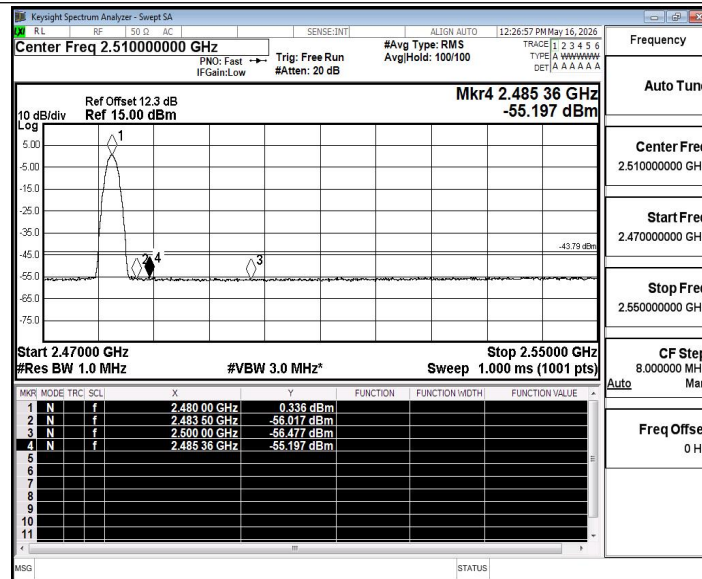
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-56.5	≤-43.79	2.00	0.59	41.29	≤54	PASS
				AV	2389.985	-56.09	≤-43.79	2.00	0.59	41.70	≤54	PASS
				AV	2390.000	-56.09	≤-43.79	2.00	0.59	41.70	≤54	PASS
				Peak	2310.000	-48.94	≤-23.20	2.00	0.00	48.26	≤74	PASS
				Peak	2340.425	-46.45	≤-23.20	2.00	0.00	50.75	≤74	PASS
				Peak	2390.000	-48.53	≤-23.20	2.00	0.00	48.67	≤74	PASS
		High	2480	AV	2483.500	-56.02	≤-43.79	2.00	0.59	41.77	≤54	PASS
				AV	2485.360	-55.2	≤-43.79	2.00	0.59	42.59	≤54	PASS
				AV	2500.000	-56.48	≤-43.79	2.00	0.59	41.31	≤54	PASS
				Peak	2483.500	-48.04	≤-23.20	2.00	0.00	49.16	≤74	PASS
				Peak	2495.520	-46.25	≤-23.20	2.00	0.00	50.95	≤74	PASS
				Peak	2500.000	-48.76	≤-23.20	2.00	0.00	48.44	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-56.82	≤-45.03	2.00	1.83	42.21	≤54	PASS
				AV	2348.195	-56.06	≤-45.03	2.00	1.83	42.97	≤54	PASS
				AV	2390.000	-56.59	≤-45.03	2.00	1.83	42.44	≤54	PASS
				Peak	2310.000	-49.92	≤-23.20	2.00	0.00	47.28	≤74	PASS
				Peak	2315.015	-46.1	≤-23.20	2.00	0.00	51.10	≤74	PASS
				Peak	2390.000	-47.5	≤-23.20	2.00	0.00	49.70	≤74	PASS
		High	2480	AV	2483.500	-56.66	≤-45.03	2.00	1.83	42.37	≤54	PASS
				AV	2485.200	-55.62	≤-45.03	2.00	1.83	43.41	≤54	PASS
				AV	2500.000	-56.39	≤-45.03	2.00	1.83	42.64	≤54	PASS
				Peak	2483.500	-46.88	≤-23.20	2.00	0.00	50.32	≤74	PASS
				Peak	2483.600	-45.1	≤-23.20	2.00	0.00	52.10	≤74	PASS
				Peak	2500.000	-48.21	≤-23.20	2.00	0.00	48.99	≤74	PASS

Note:

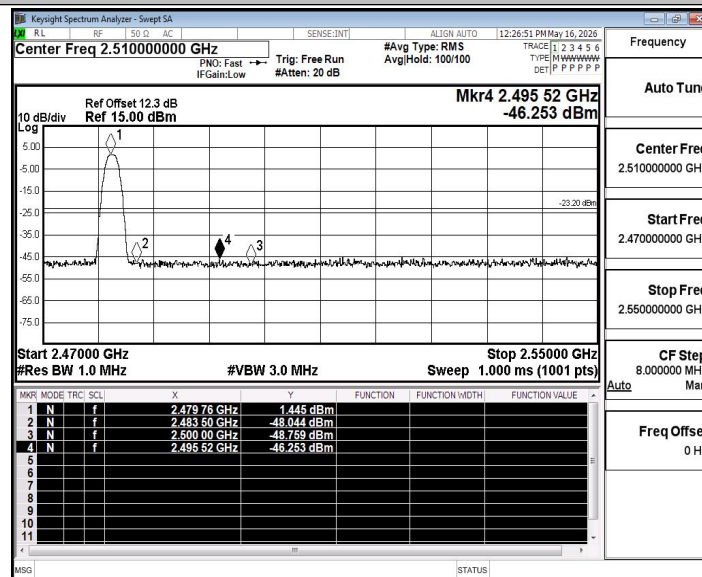
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

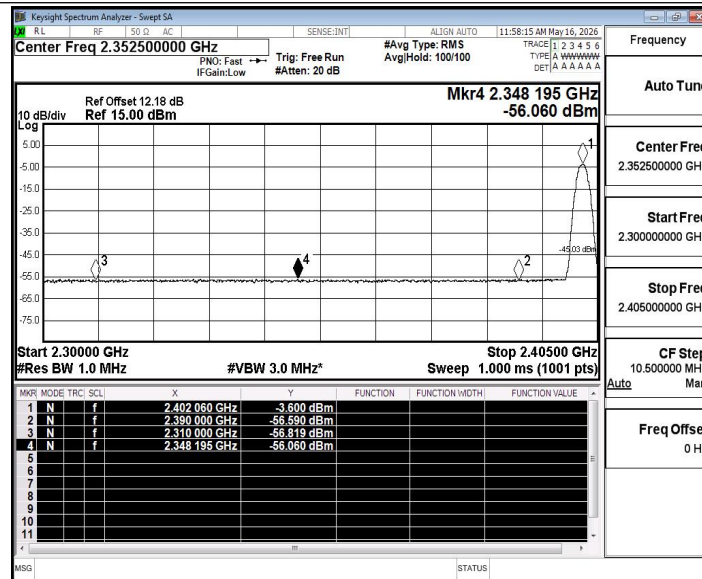




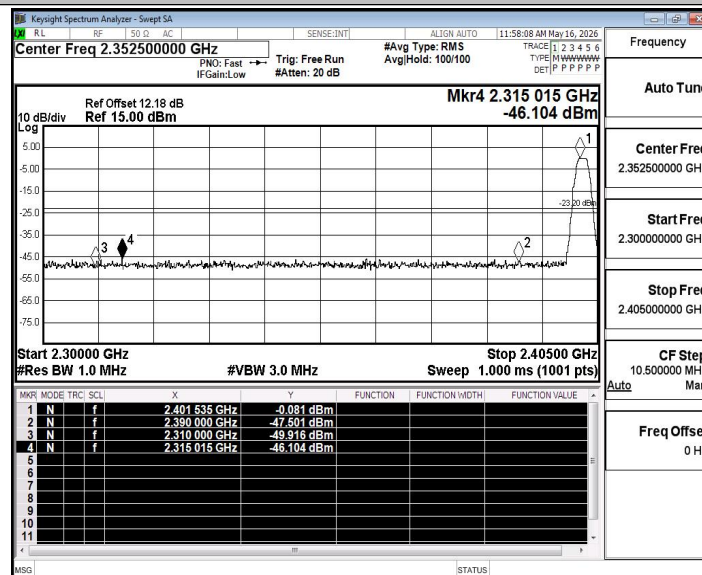
BLE_1M_Ant1_High_2480_Peak



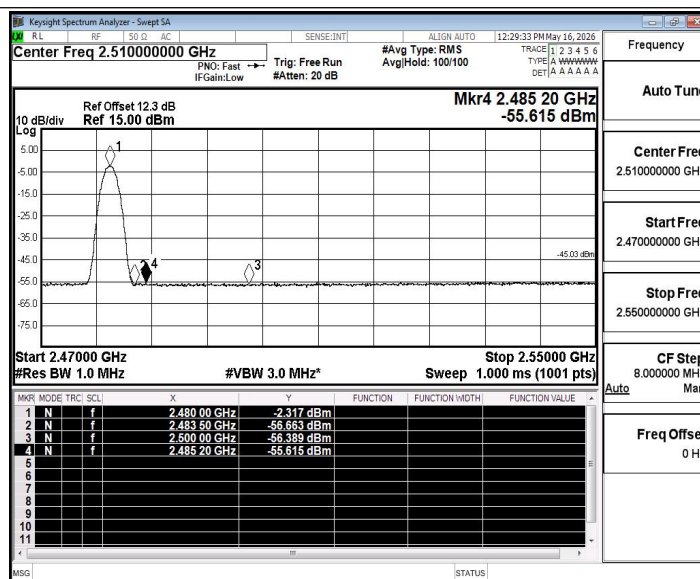
BLE_2M_Ant1_Low_2402_AV



BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak

