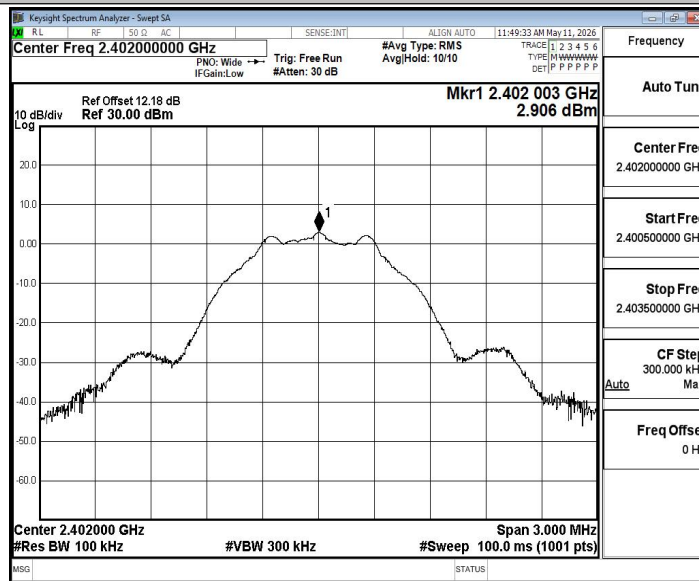
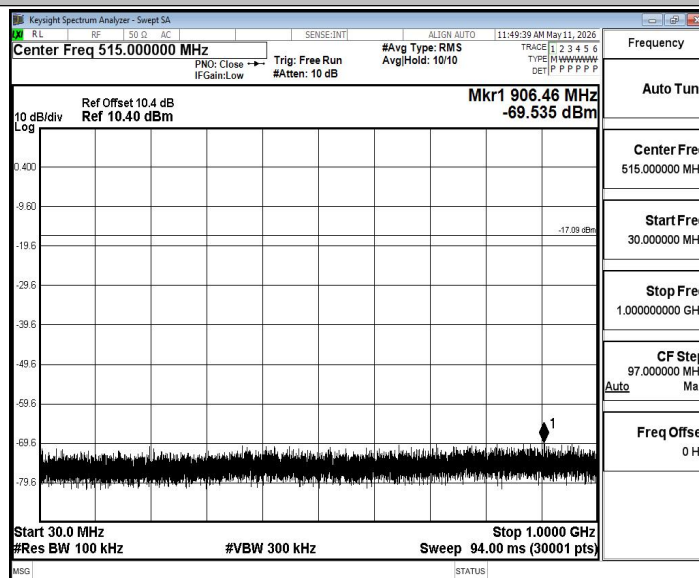


Test Graphs

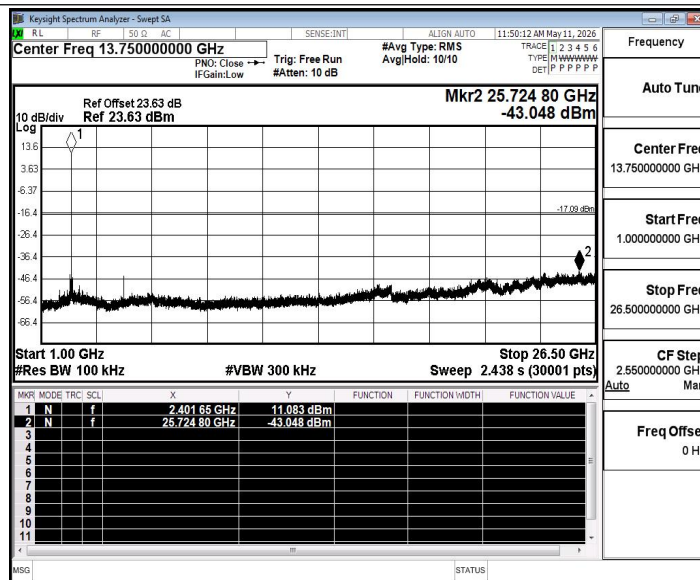
BLE_1M_Ant1_2402_0~Reference



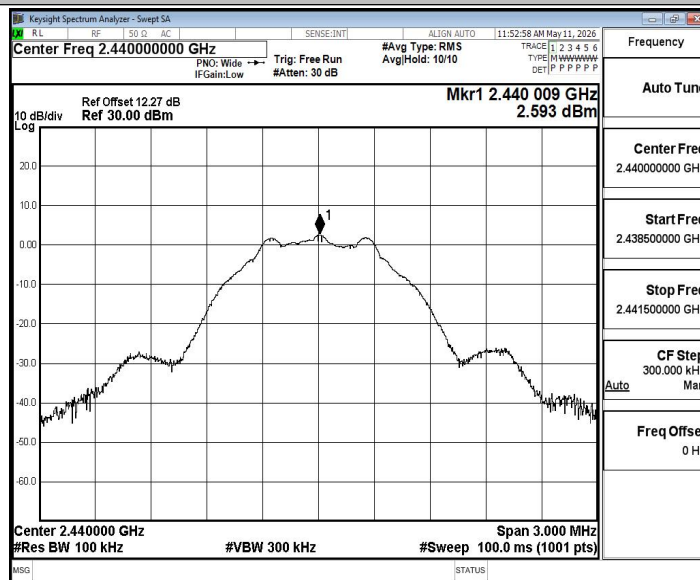
BLE_1M_Ant1_2402_30~1000



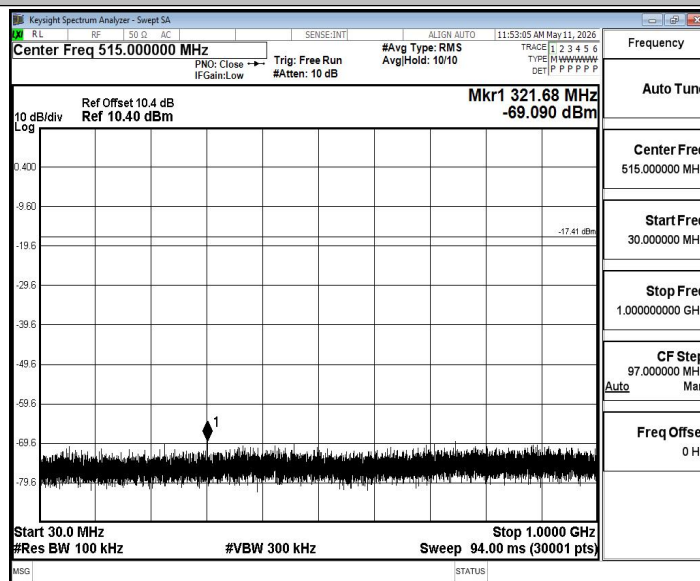
BLE_1M_Ant1_2402_1000~26500



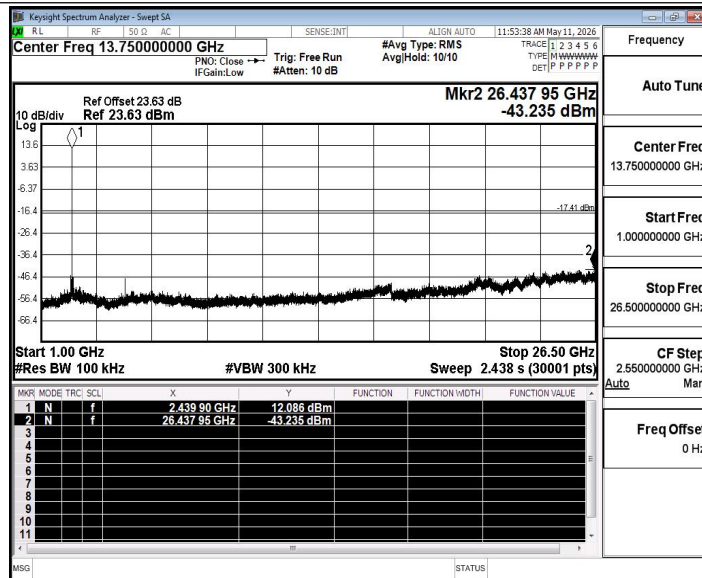
BLE_1M_Ant1_2440_0~Reference



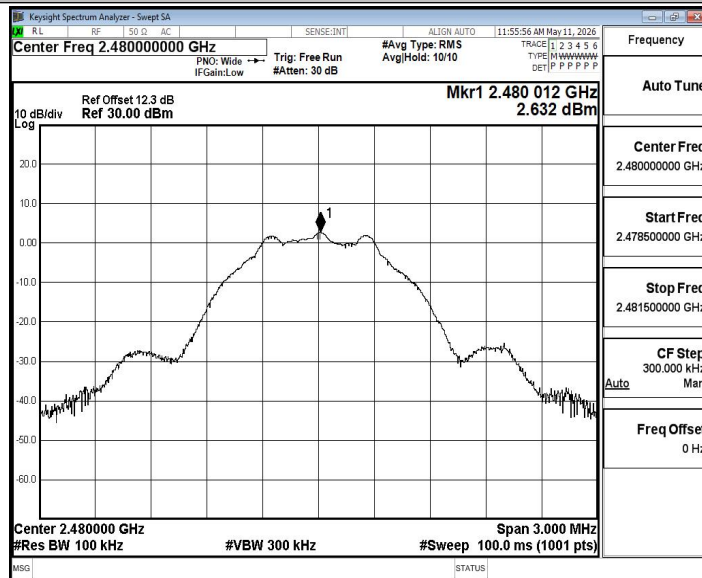
BLE_1M_Ant1_2440_30~1000



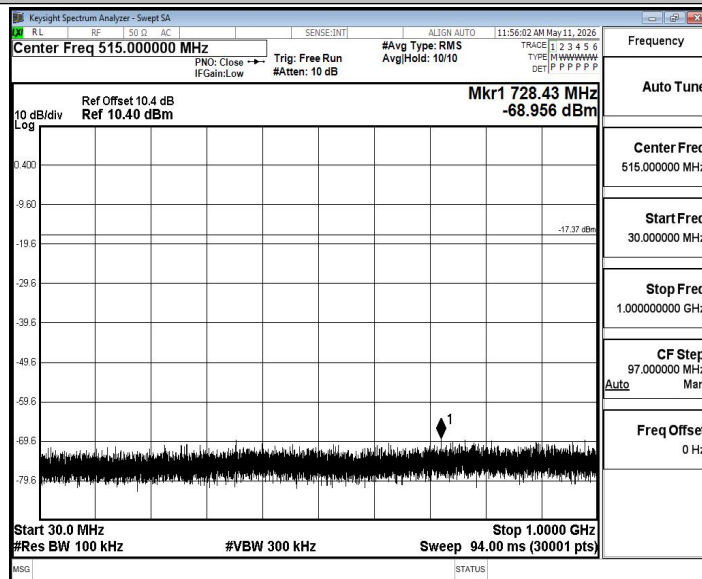
BLE_1M_Ant1_2440_1000~26500



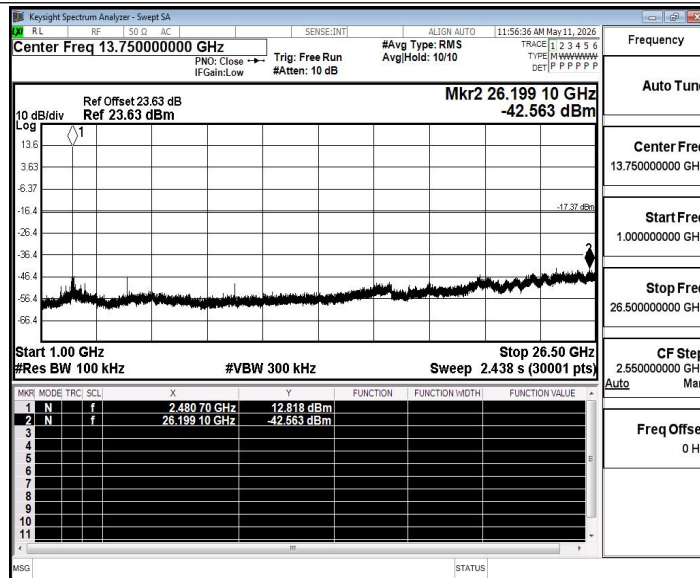
BLE_1M_Ant1_2480_0~Reference



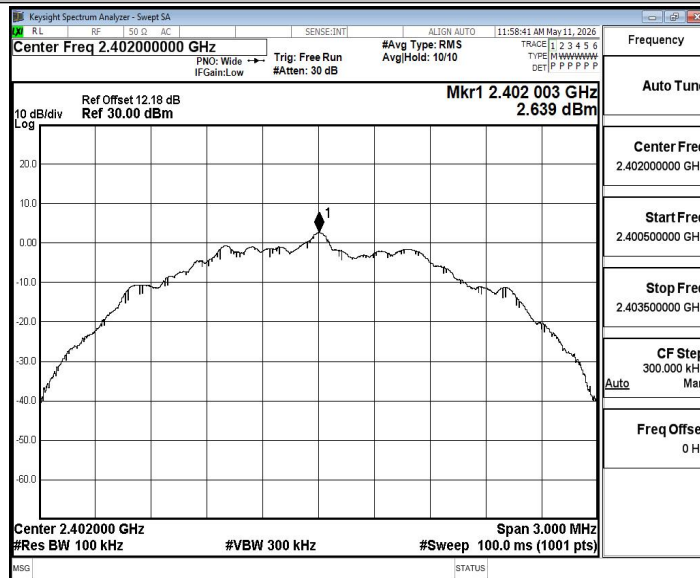
BLE_1M_Ant1_2480_30~1000



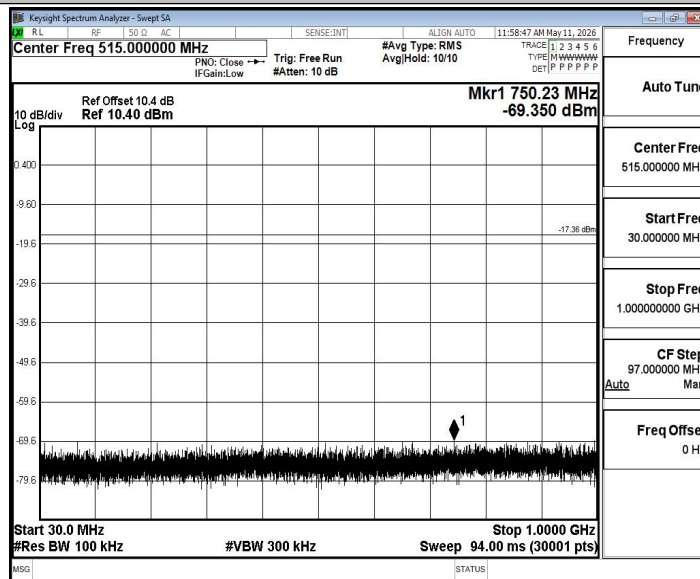
BLE_1M_Ant1_2480_1000~26500



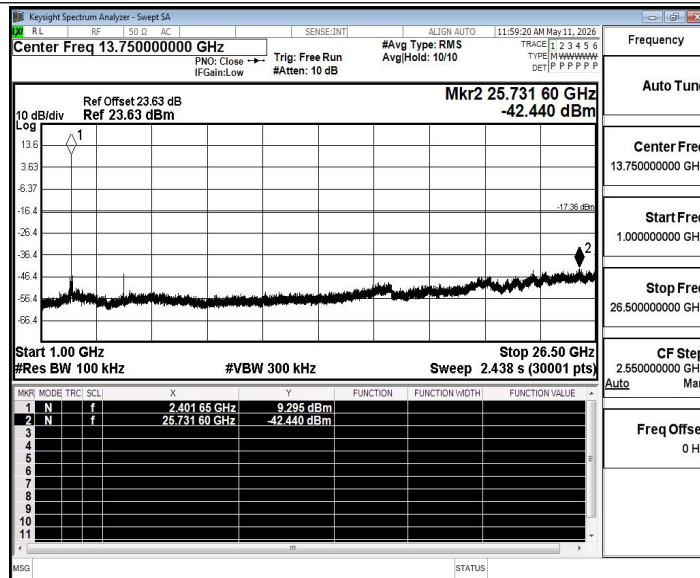
BLE_2M_Ant1_2402_0~Reference



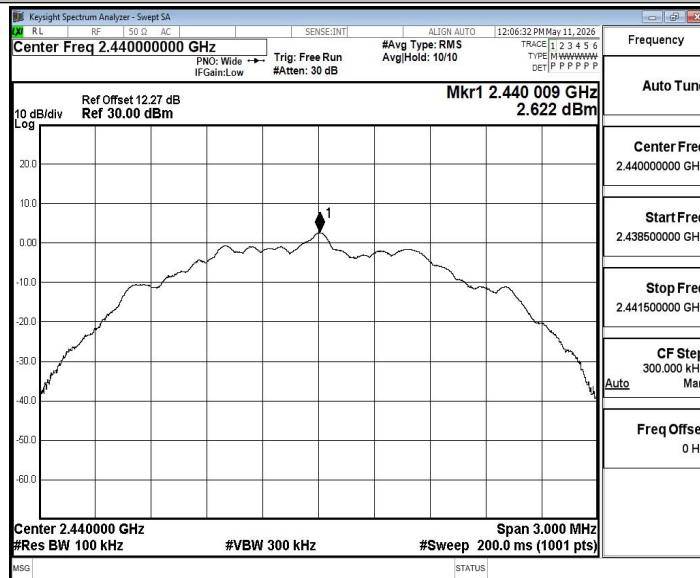
BLE_2M_Ant1_2402_30~1000



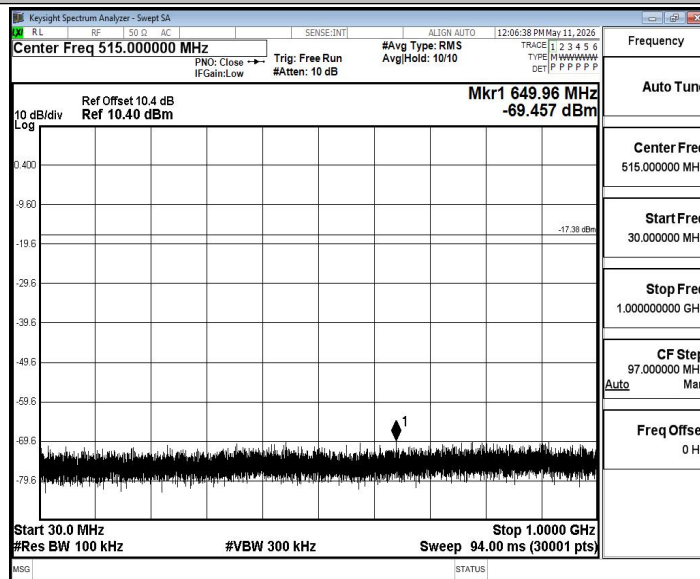
BLE_2M_Ant1_2402_1000~26500



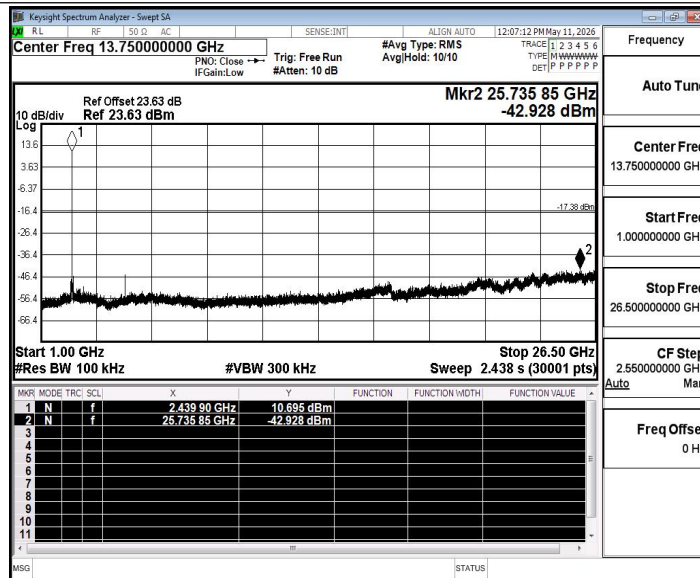
BLE_2M_Ant1_2440_0~Reference



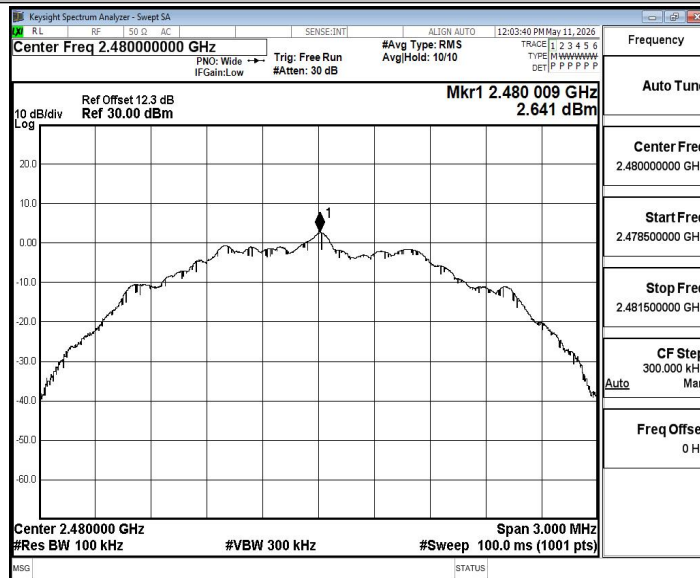
BLE_2M_Ant1_2440_30~1000



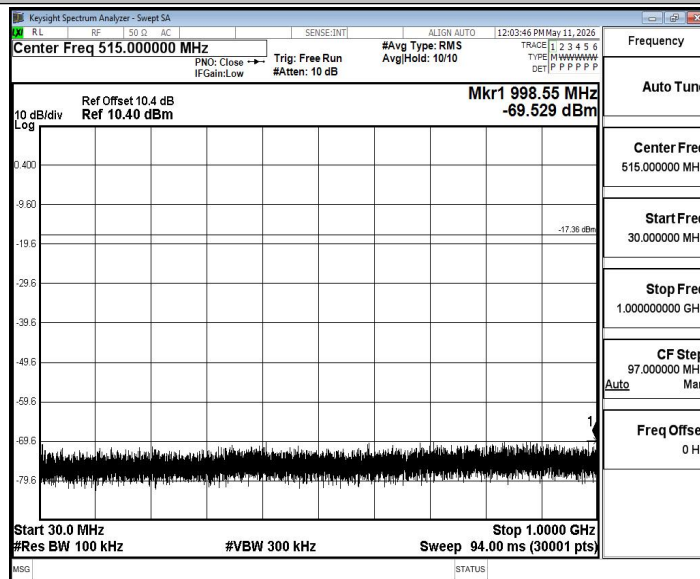
BLE_2M_Ant1_2440_1000~26500



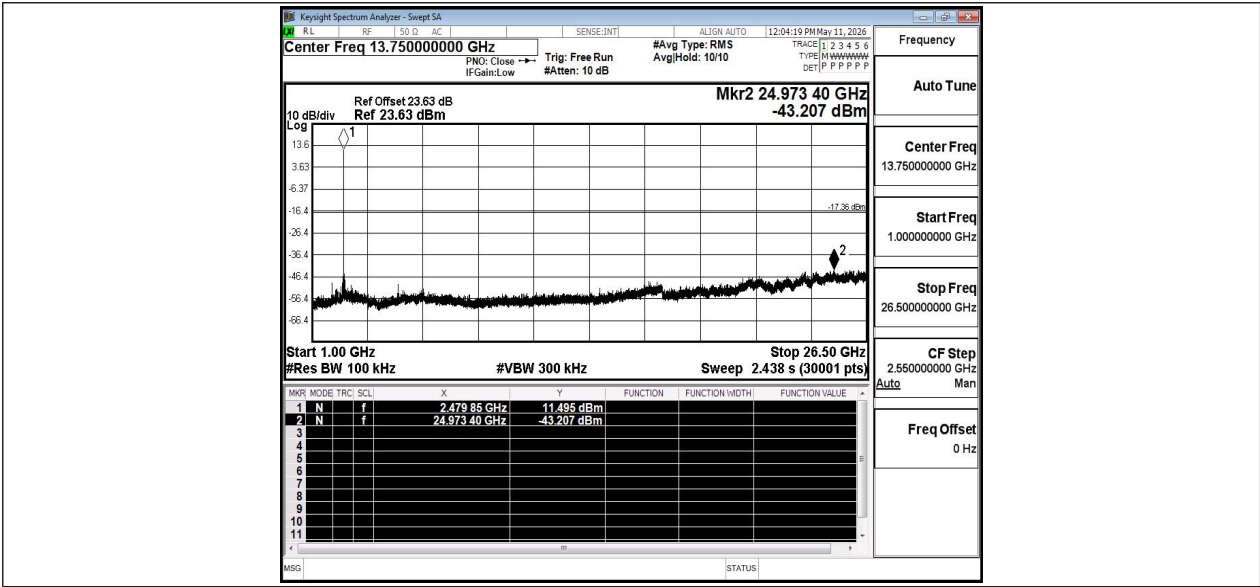
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

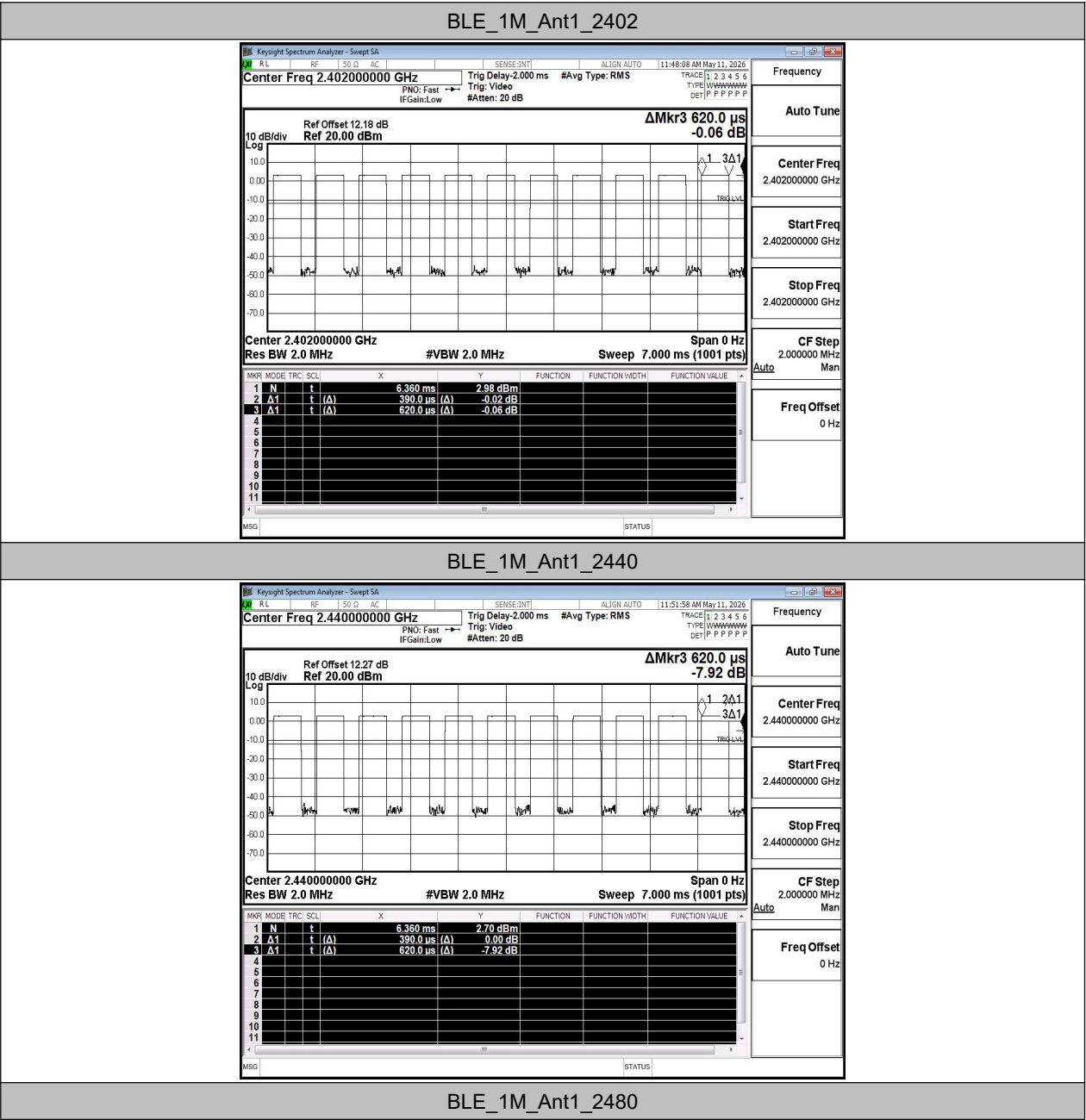


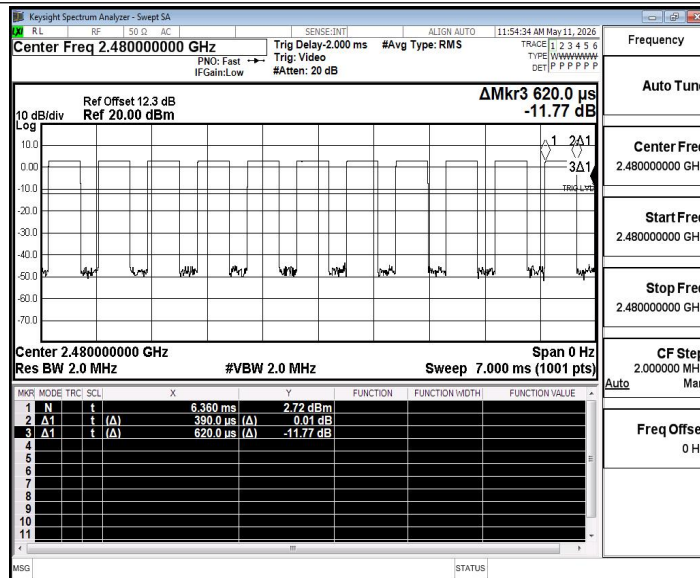
A.6 Duty Cycle

Test Result

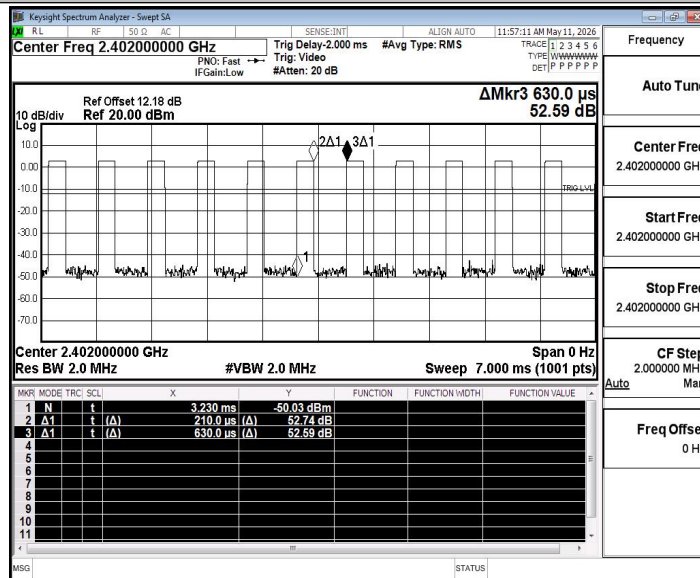
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.62	0.6290	62.90	2.01	---	---
		2440	0.39	0.62	0.6290	62.90	2.01	---	---
		2480	0.39	0.62	0.6290	62.90	2.01	---	---
BLE_2M	Ant1	2402	0.21	0.63	0.3333	33.33	4.77	---	---
		2440	0.20	0.62	0.3226	32.26	4.91	---	---
		2480	0.21	0.63	0.3333	33.33	4.77	---	---

Test Graphs

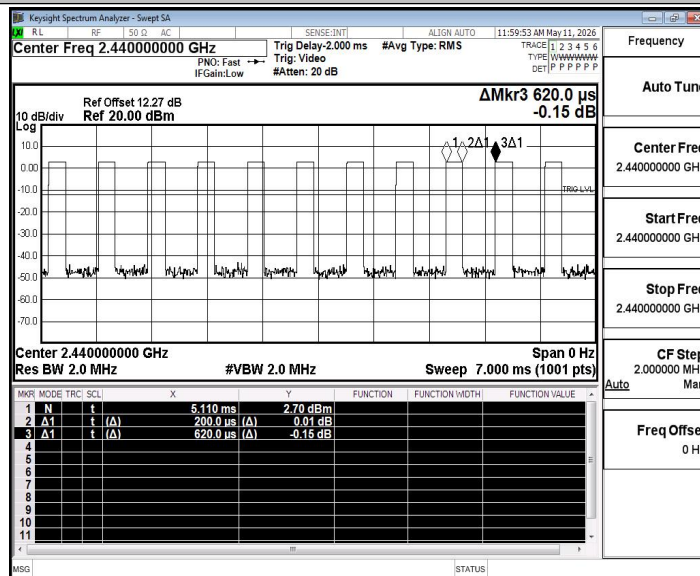




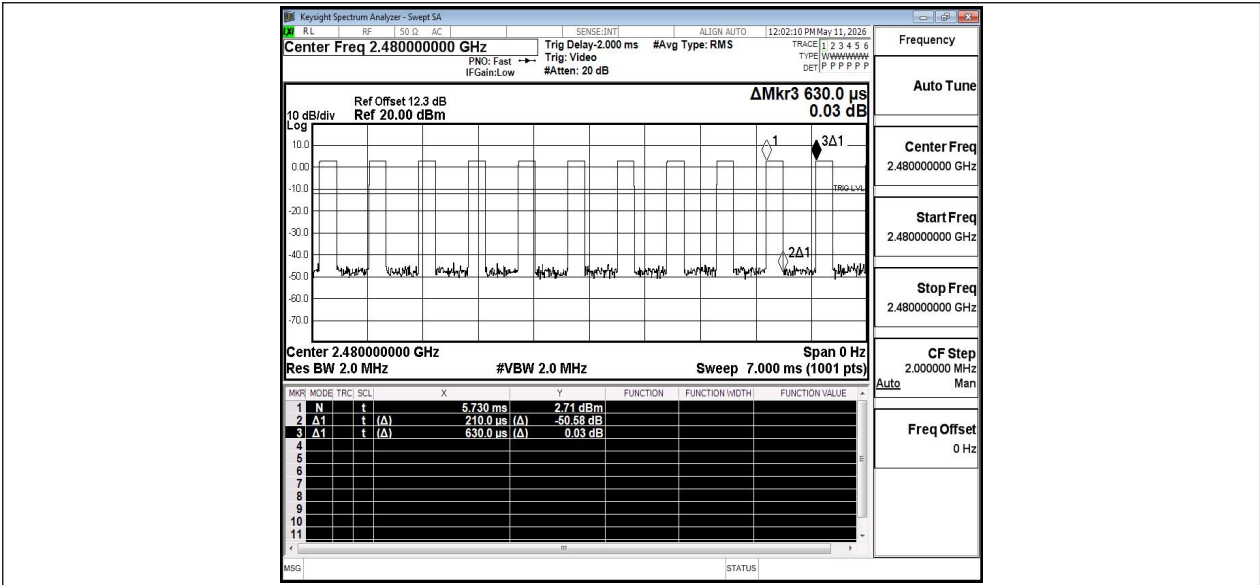
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



A.7 Emissions in Restricted Bands

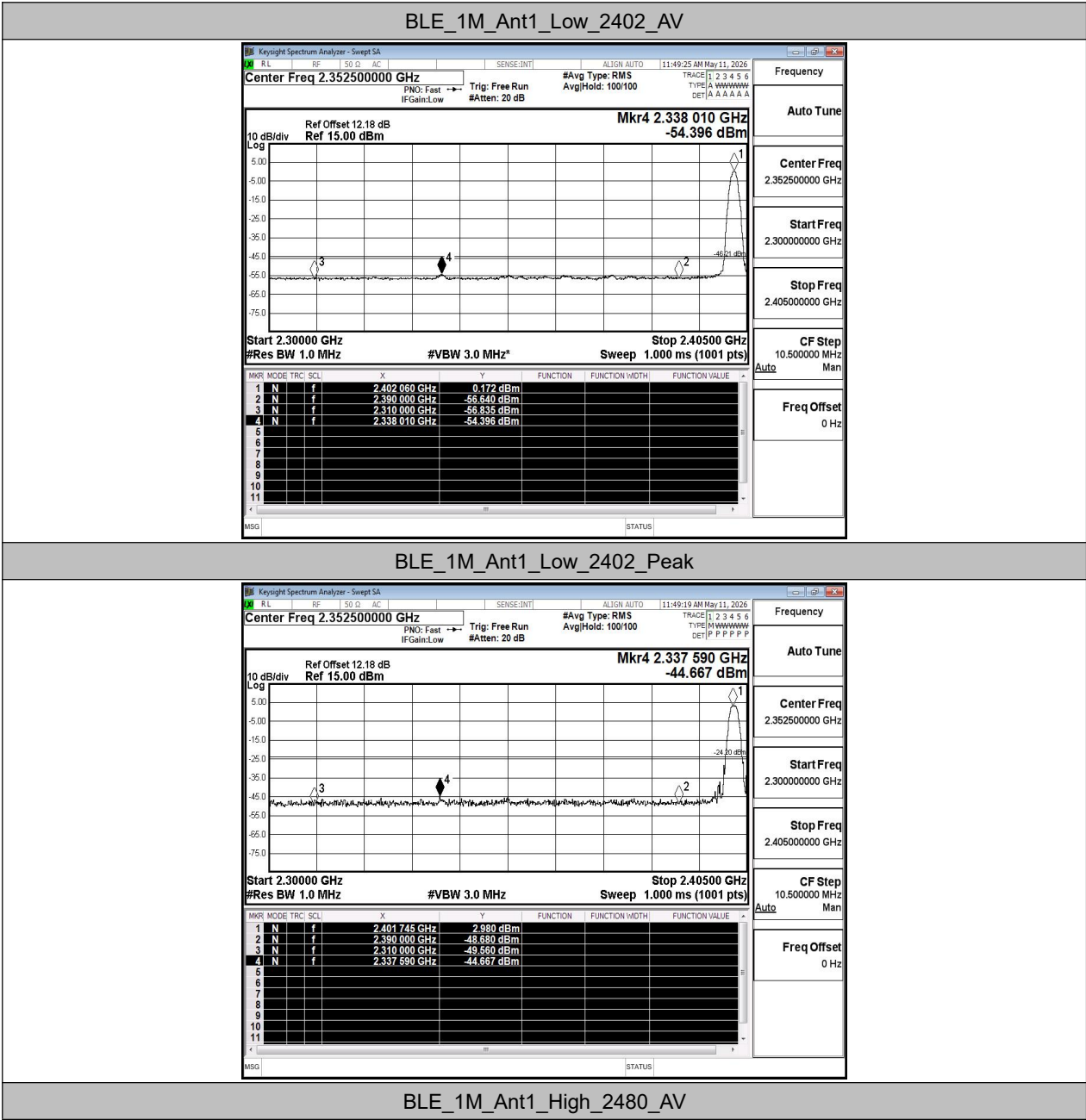
Test Result

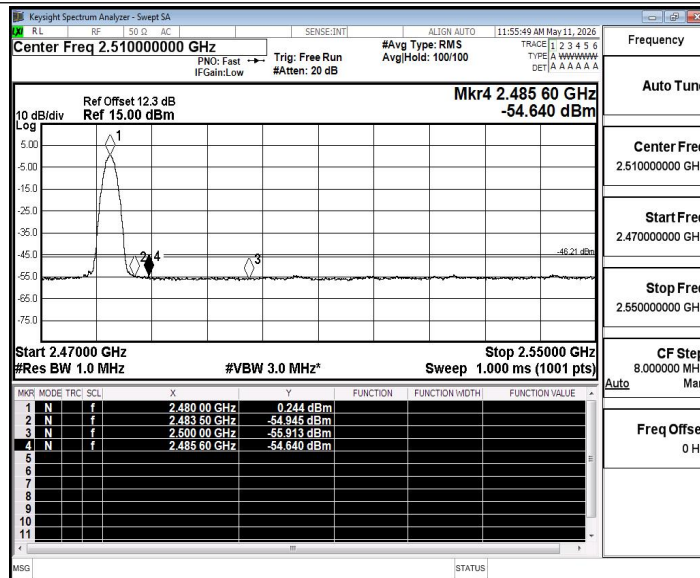
Test Mode	Antenna	Channel Name	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-56.84	≤-46.21	3.89	2.01	44.32	≤54	PASS
				AV	2338.010	-54.4	≤-46.21	3.89	2.01	46.76	≤54	PASS
				AV	2390.000	-56.64	≤-46.21	3.89	2.01	44.52	≤54	PASS
				Peak	2310.000	-49.56	≤-24.20	3.89	0	49.59	≤74	PASS
				Peak	2337.590	-44.67	≤-24.20	3.89	0	54.48	≤74	PASS
				Peak	2390.000	-48.68	≤-24.20	3.89	0	50.47	≤74	PASS
		High	2480	AV	2483.500	-54.95	≤-46.21	3.89	2.01	46.21	≤54	PASS
				AV	2485.600	-54.64	≤-46.21	3.89	2.01	46.52	≤54	PASS
				AV	2500.000	-55.91	≤-46.21	3.89	2.01	45.25	≤54	PASS
				Peak	2483.500	-46	≤-24.20	3.89	0	53.15	≤74	PASS
				Peak	2483.680	-40.93	≤-24.20	3.89	0	58.22	≤74	PASS
				Peak	2500.000	-47.9	≤-24.20	3.89	0	51.25	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-56.71	≤-48.97	3.89	4.77	47.21	≤54	PASS
				AV	2337.695	-55.7	≤-48.97	3.89	4.77	48.22	≤54	PASS
				AV	2390.000	-56.69	≤-48.97	3.89	4.77	47.23	≤54	PASS
				Peak	2310.000	-47.61	≤-24.20	3.89	0	51.54	≤74	PASS
				Peak	2374.340	-45.16	≤-24.20	3.89	0	53.99	≤74	PASS
				Peak	2390.000	-47.24	≤-24.20	3.89	0	51.91	≤74	PASS
		High	2480	AV	2483.500	-53.44	≤-48.97	3.89	4.77	50.48	≤54	PASS
				AV	2483.520	-53.44	≤-48.97	3.89	4.77	50.48	≤54	PASS
				AV	2500.000	-55.93	≤-48.97	3.89	4.77	47.99	≤54	PASS
				Peak	2483.500	-41.38	≤-24.20	3.89	0	57.77	≤74	PASS
				Peak	2483.760	-40.91	≤-24.20	3.89	0	58.24	≤74	PASS
				Peak	2500.000	-48.06	≤-24.20	3.89	0	51.09	≤74	PASS

Note:

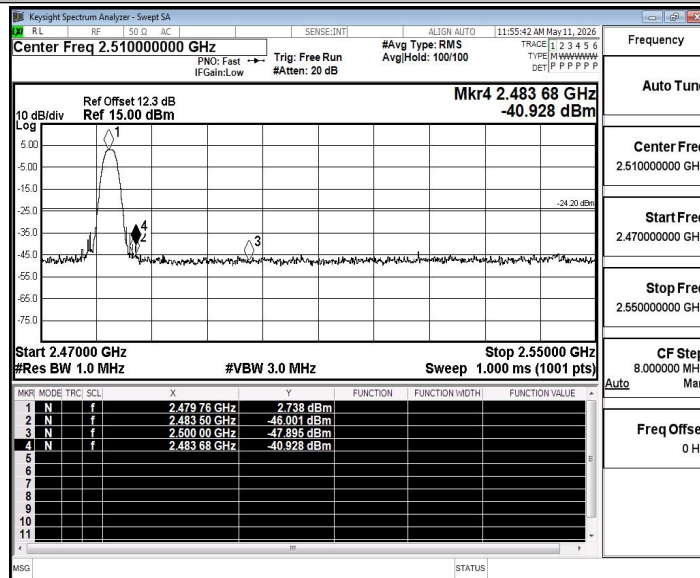
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

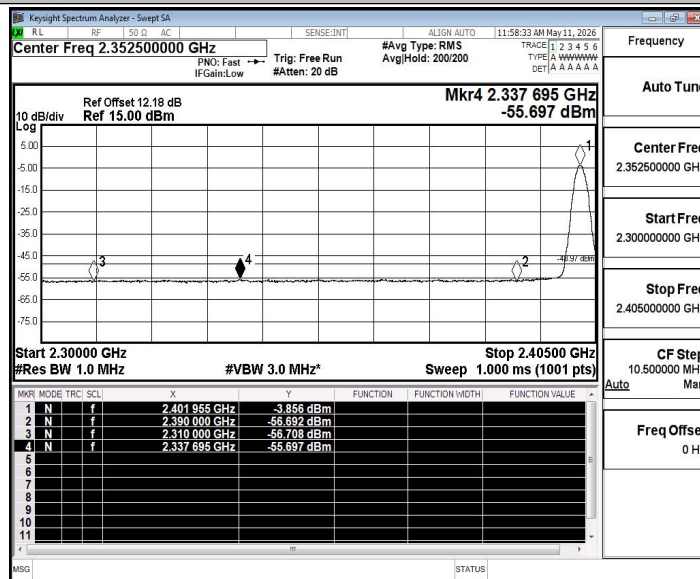




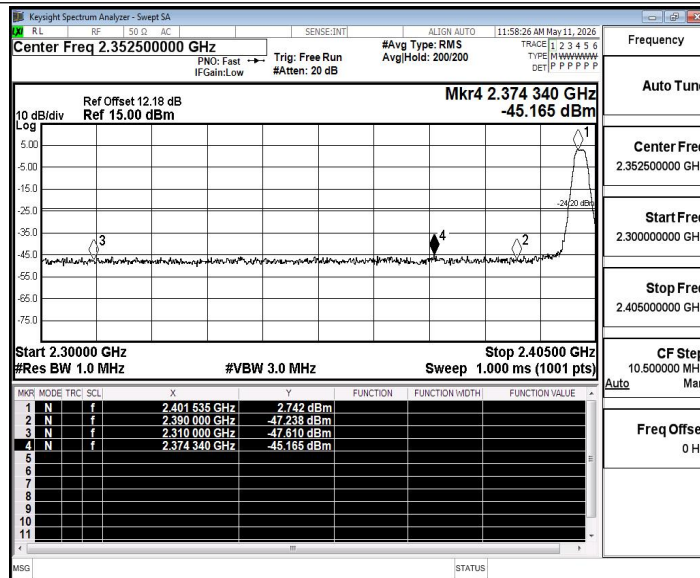
BLE_1M_Ant1_High_2480_Peak



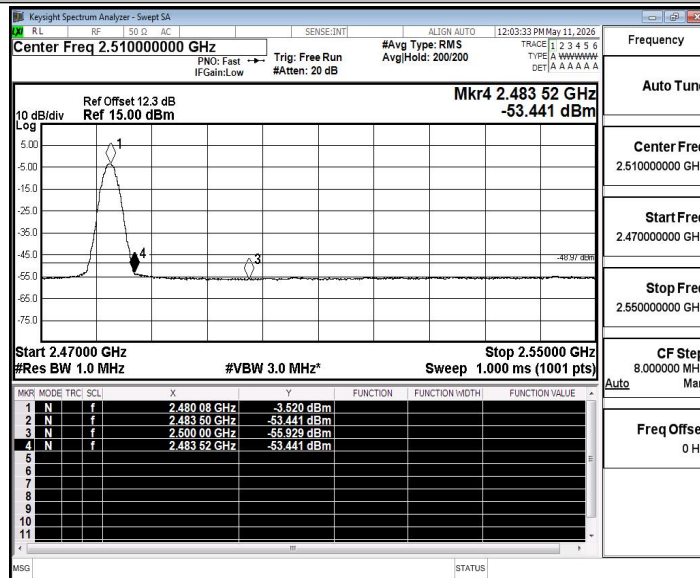
BLE_2M_Ant1_Low_2402_AV



BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak

