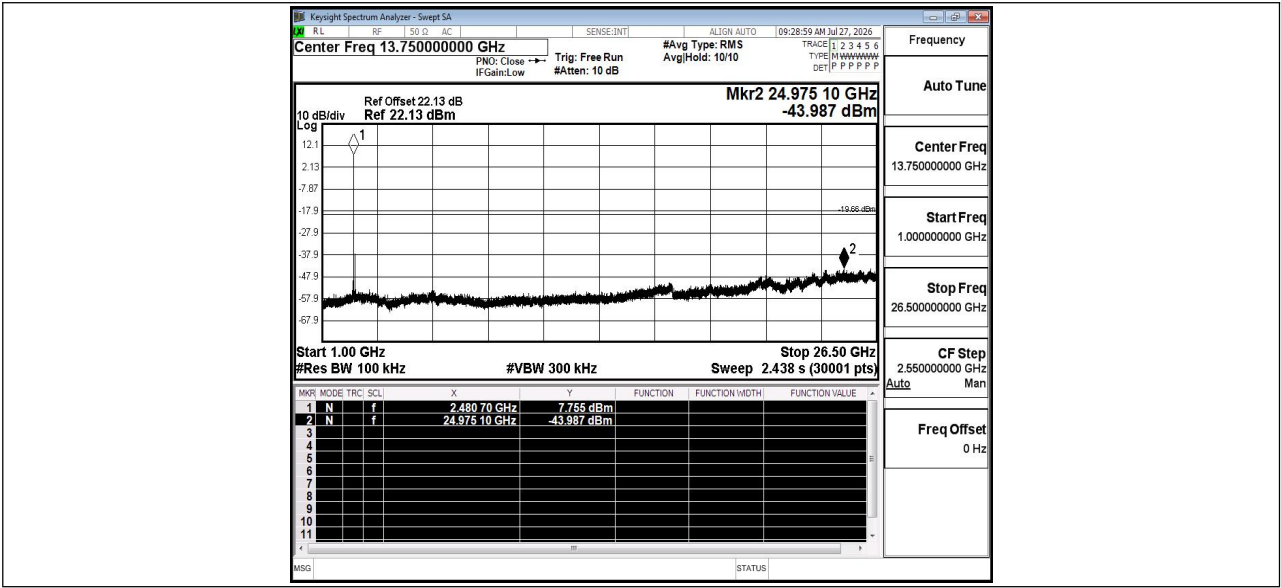
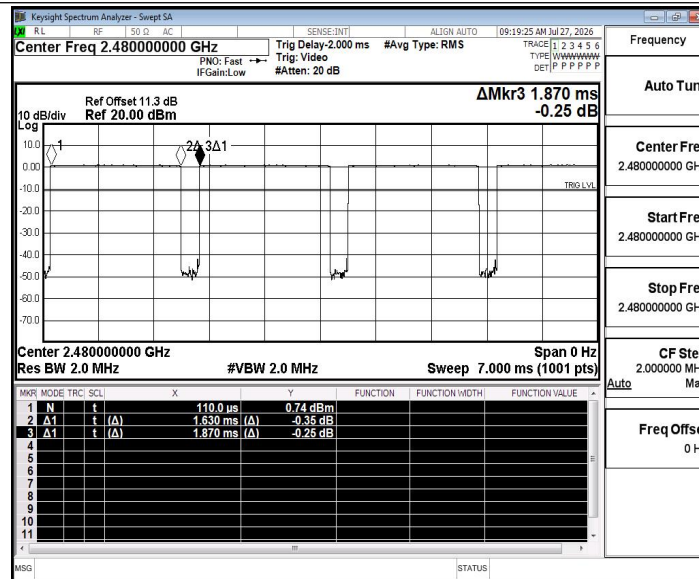




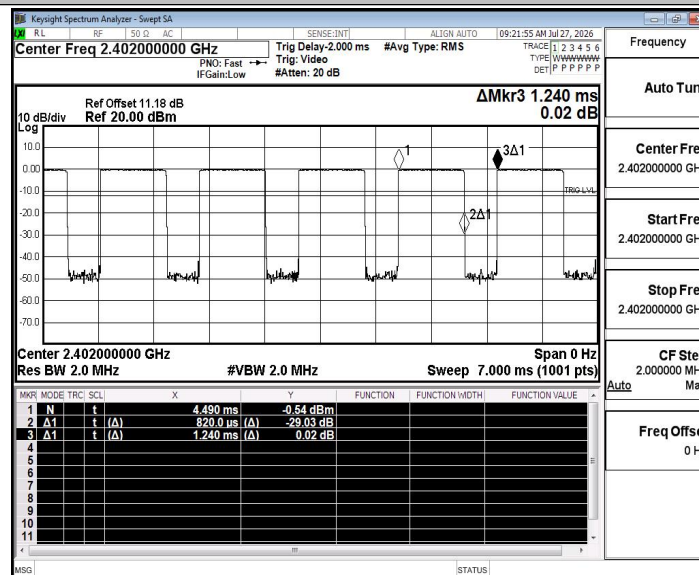
A.6 Duty Cycle

Test Result

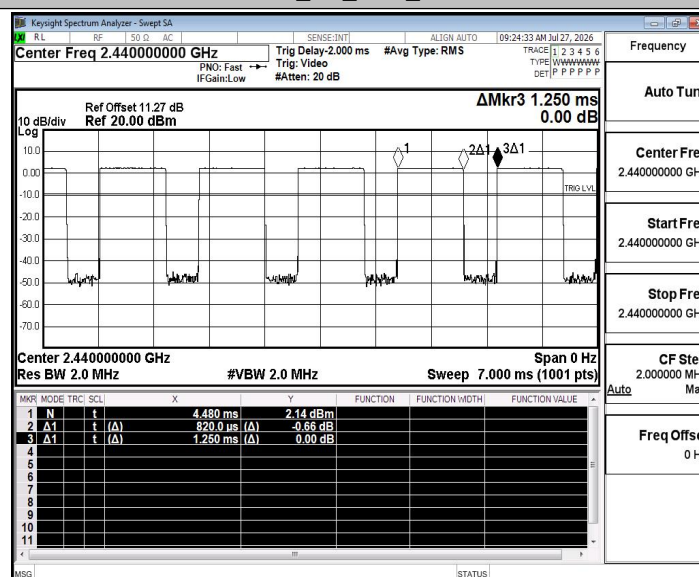
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.64	1.88	0.8723	87.23	0.59	---	---
		2440	1.64	1.88	0.8723	87.23	0.59	---	---
		2480	1.63	1.87	0.8717	87.17	0.60	---	---
BLE_2M	Ant1	2402	0.82	1.24	0.6613	66.13	1.80	---	---
		2440	0.82	1.25	0.6560	65.60	1.83	---	---
		2480	0.83	1.26	0.6587	65.87	1.81	---	---

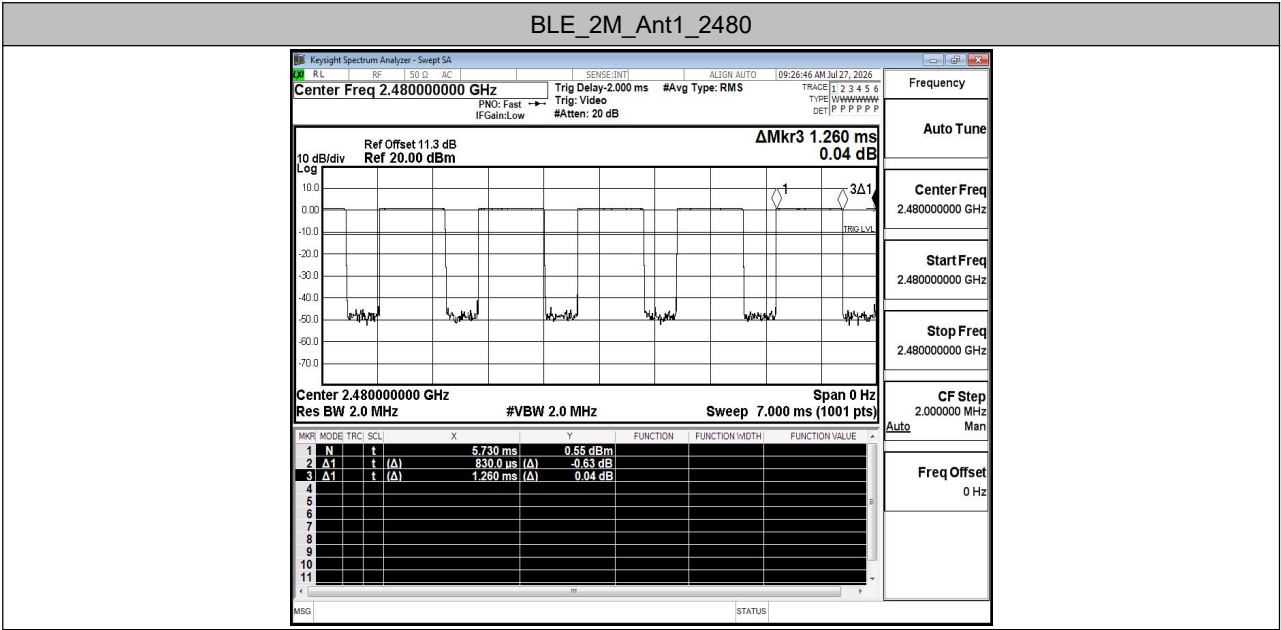


BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





A.7 Emissions in Restricted Bands

Test Result

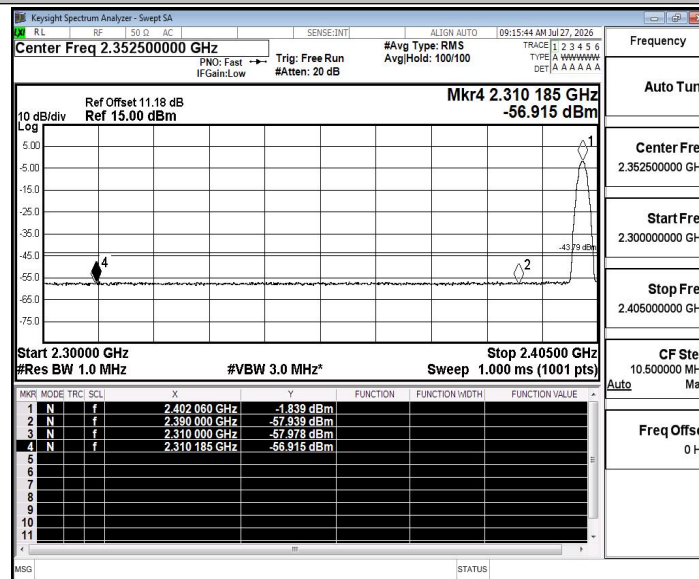
Test Mode	Antenna	Channel Name	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-57.98	≤-43.79	3.21	0.59	41.02	≤54	PASS
				AV	2310.185	-56.91	≤-43.79	3.21	0.59	42.09	≤54	PASS
				AV	2390.000	-57.94	≤-43.79	3.21	0.59	41.06	≤54	PASS
				Peak	2310.000	-48.86	≤-23.20	3.21	0.00	49.55	≤74	PASS
				Peak	2336.855	-46.72	≤-23.20	3.21	0.00	51.69	≤74	PASS
				Peak	2390.000	-48.04	≤-23.20	3.21	0.00	50.37	≤74	PASS
		High	2480	AV	2483.500	-57.02	≤-43.80	3.21	0.60	41.99	≤54	PASS
				AV	2486.480	-56.41	≤-43.80	3.21	0.60	42.60	≤54	PASS
				AV	2500.000	-57.05	≤-43.80	3.21	0.60	41.96	≤54	PASS
				Peak	2483.500	-48.96	≤-23.20	3.21	0.00	49.45	≤74	PASS
				Peak	2484.000	-46.67	≤-23.20	3.21	0.00	51.74	≤74	PASS
				Peak	2500.000	-49.41	≤-23.20	3.21	0.00	49.00	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.95	≤-45.00	3.21	1.80	42.26	≤54	PASS
				AV	2382.530	-56.93	≤-45.00	3.21	1.80	43.28	≤54	PASS
				AV	2390.000	-57.77	≤-45.00	3.21	1.80	42.44	≤54	PASS
				Peak	2310.000	-48.21	≤-23.20	3.21	0.00	50.20	≤74	PASS
				Peak	2359.745	-47.03	≤-23.20	3.21	0.00	51.38	≤74	PASS
				Peak	2390.000	-50.28	≤-23.20	3.21	0.00	48.13	≤74	PASS
		High	2480	AV	2483.500	-56.56	≤-45.01	3.21	1.81	43.66	≤54	PASS
				AV	2483.760	-56.21	≤-45.01	3.21	1.81	44.01	≤54	PASS
				AV	2500.000	-56.89	≤-45.01	3.21	1.81	43.33	≤54	PASS
				Peak	2483.500	-47.85	≤-23.20	3.21	0.00	50.56	≤74	PASS
				Peak	2485.760	-46.14	≤-23.20	3.21	0.00	52.27	≤74	PASS
				Peak	2500.000	-47.85	≤-23.20	3.21	0.00	50.56	≤74	PASS

Note:

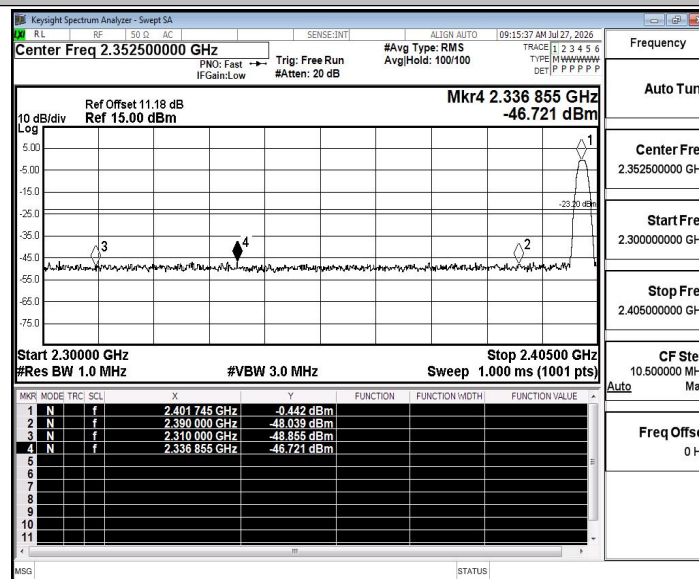
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

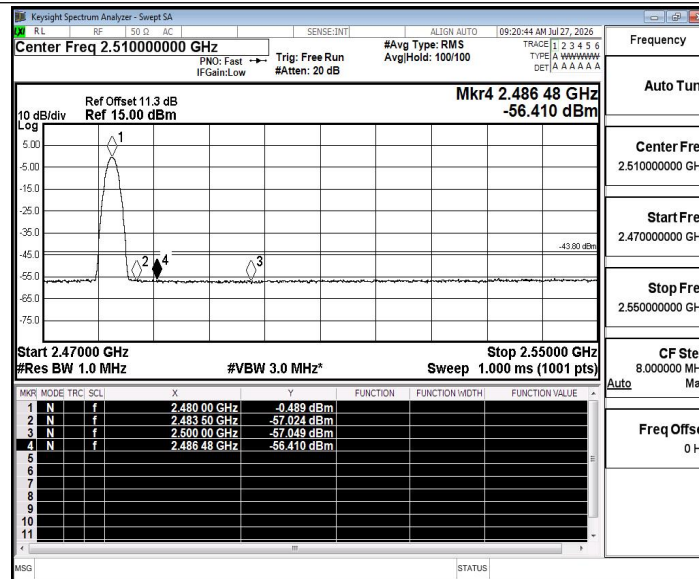
BLE_1M_Ant1_Low_2402_AV



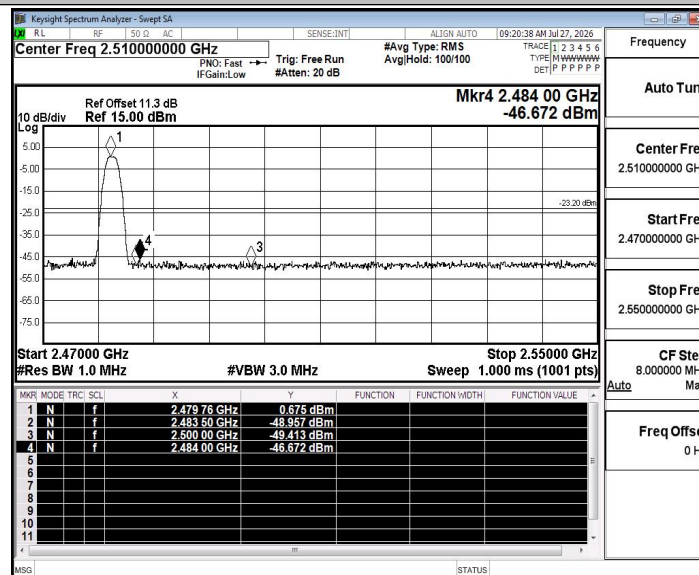
BLE_1M_Ant1_Low_2402_Peak



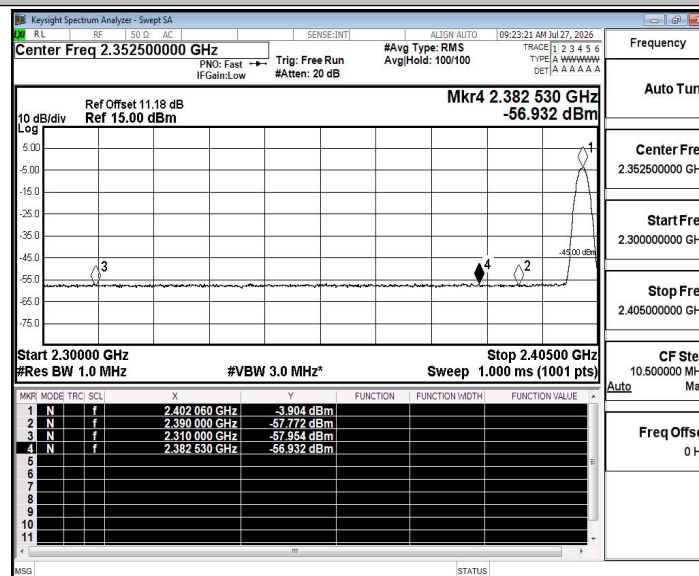
BLE_1M_Ant1_High_2480_AV



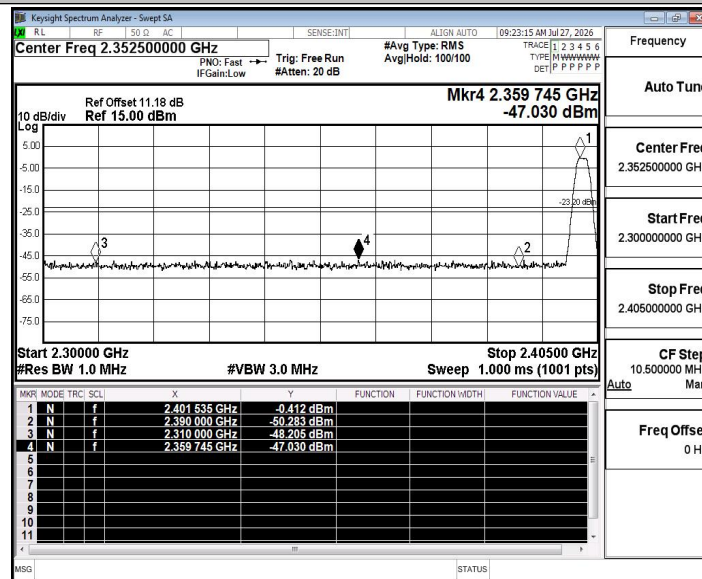
BLE_1M_Ant1_High_2480_Peak



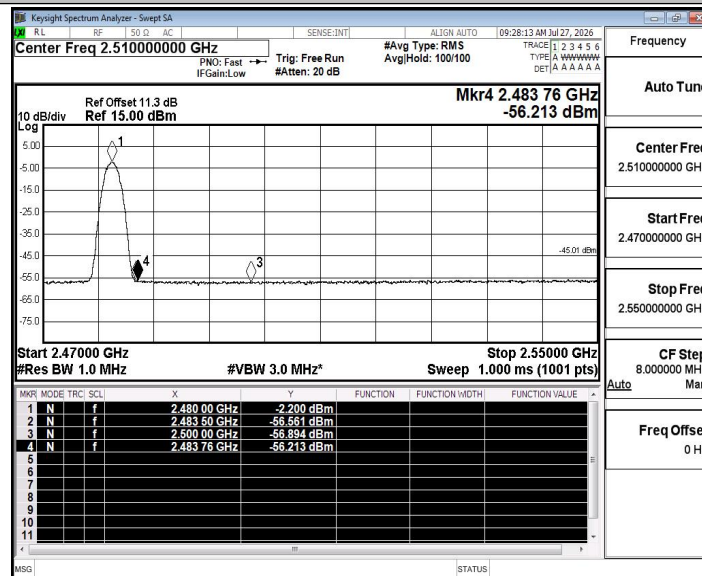
BLE_2M_Ant1_Low_2402_AV



BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak

