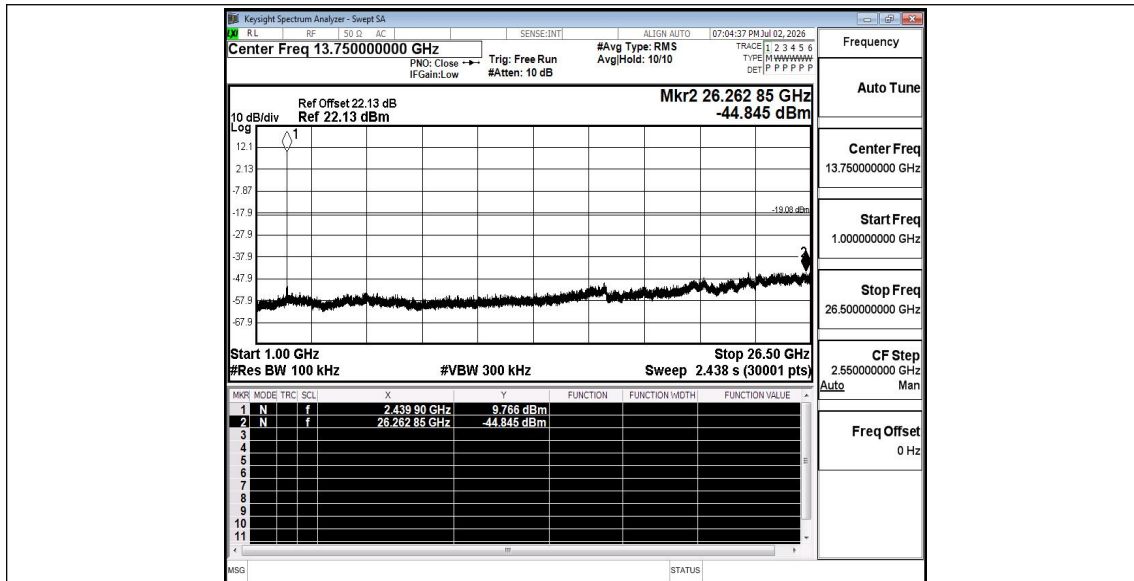
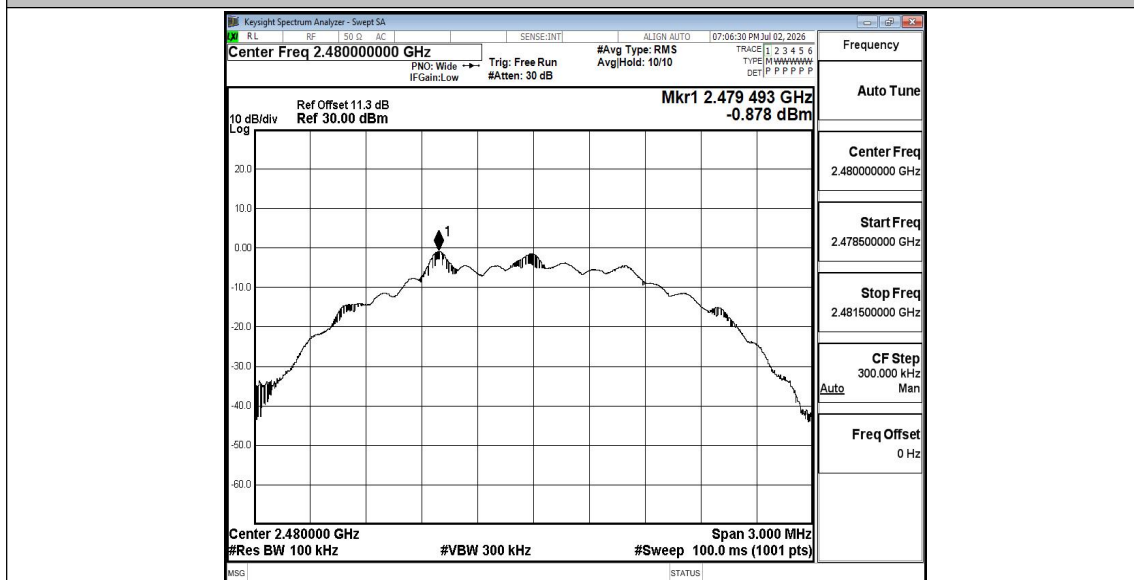
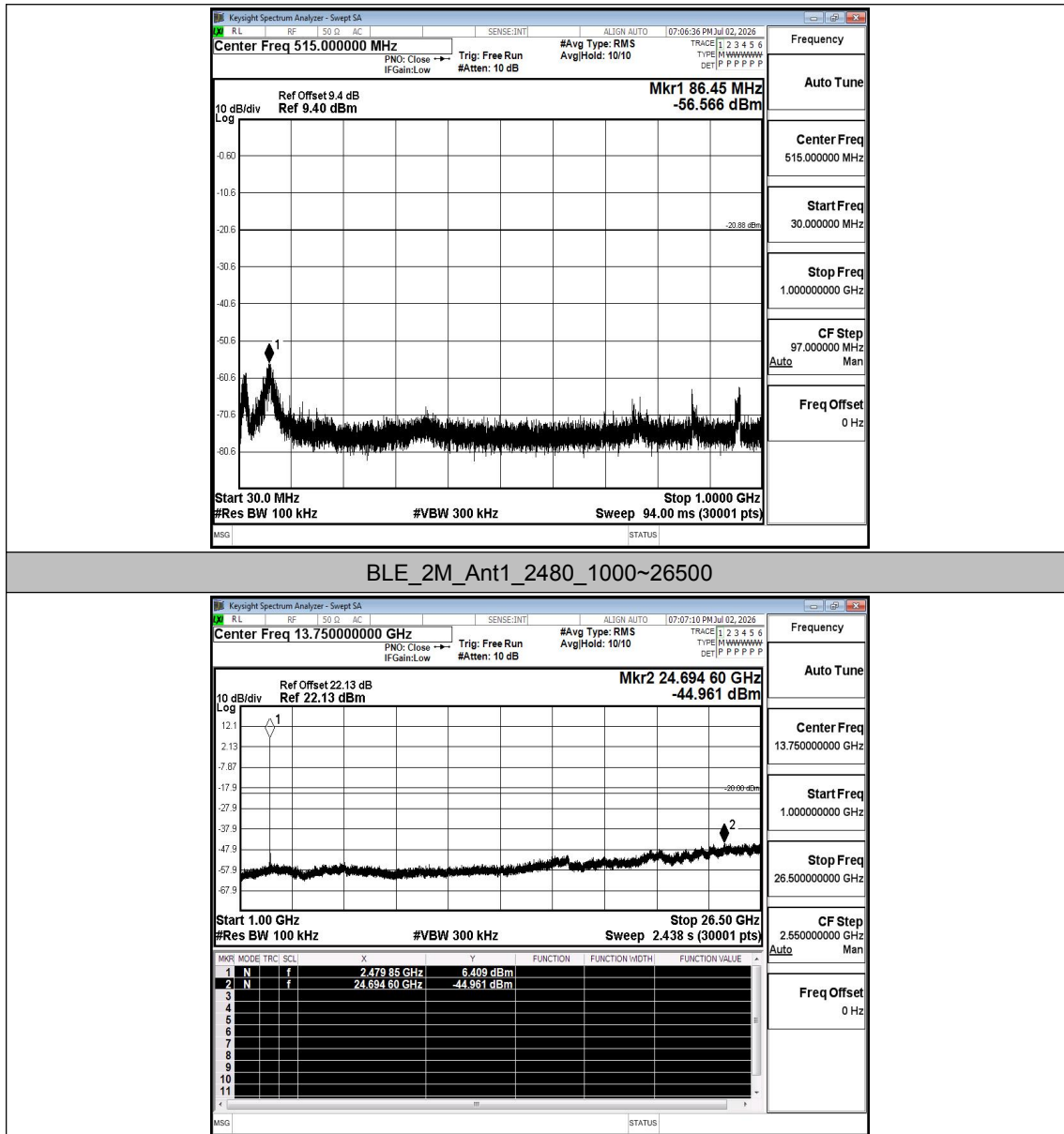




BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000

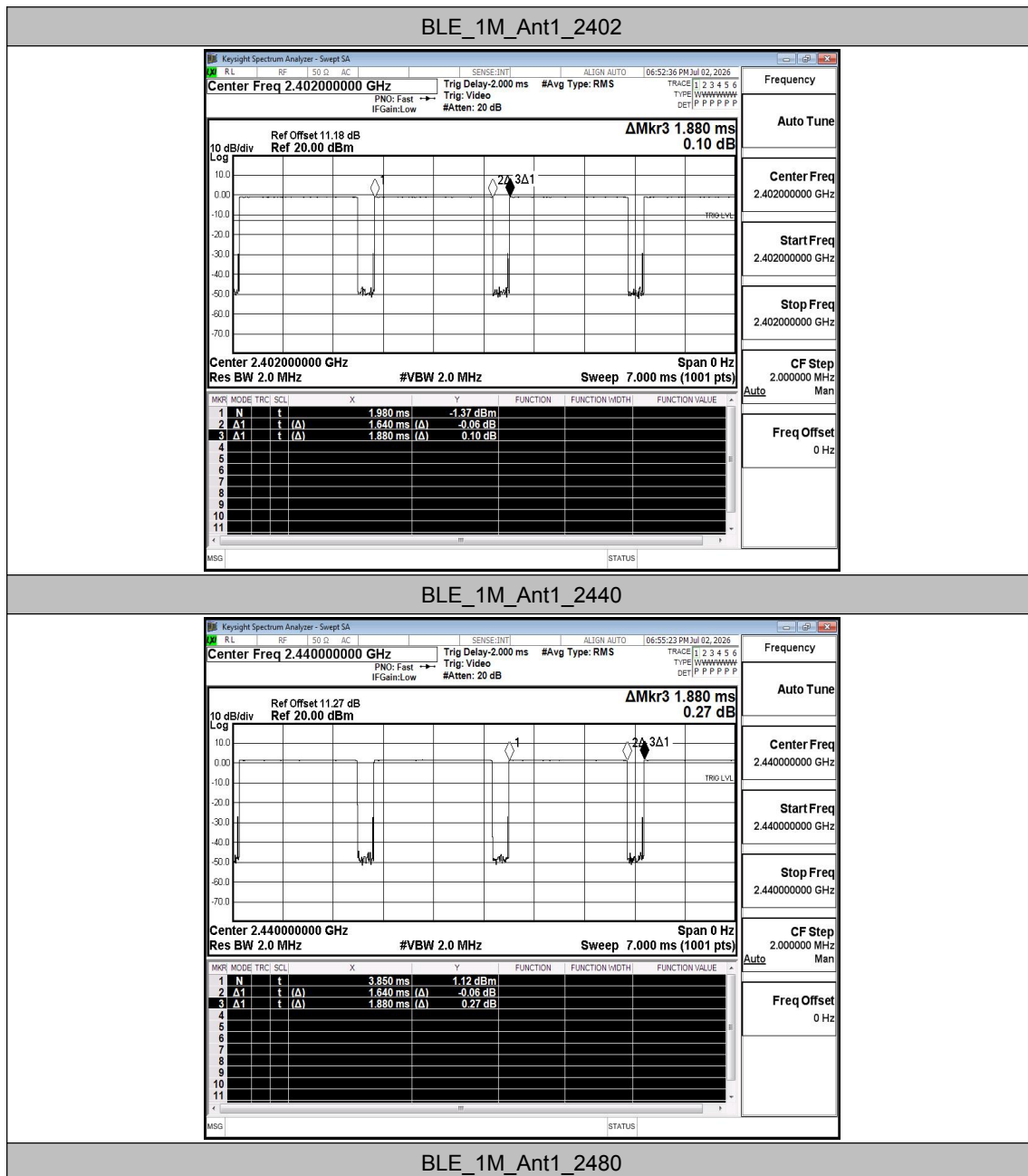


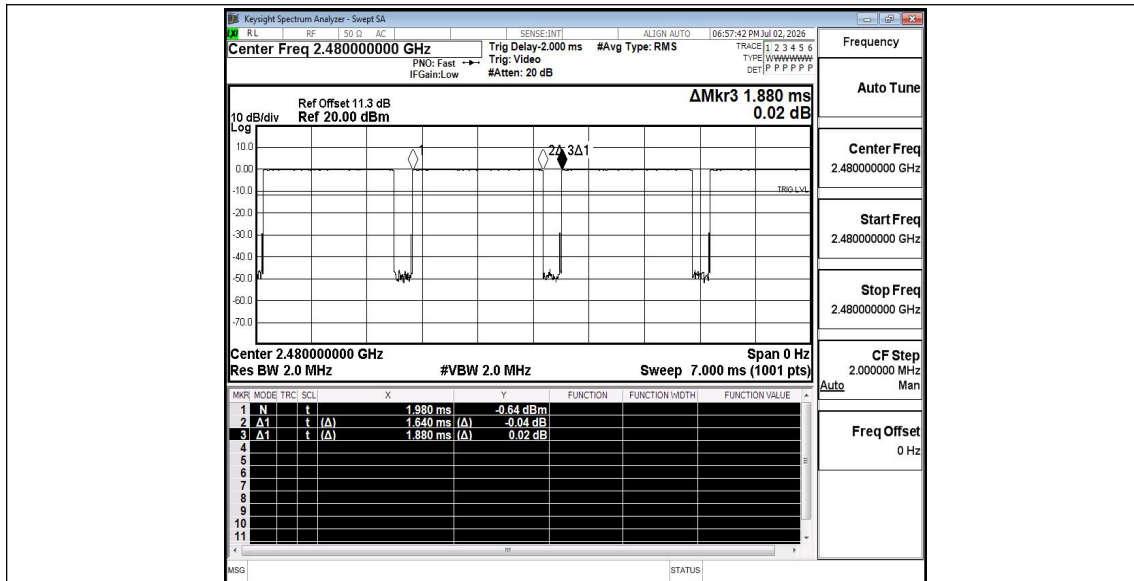
B.6 Duty Cycle

Test Result

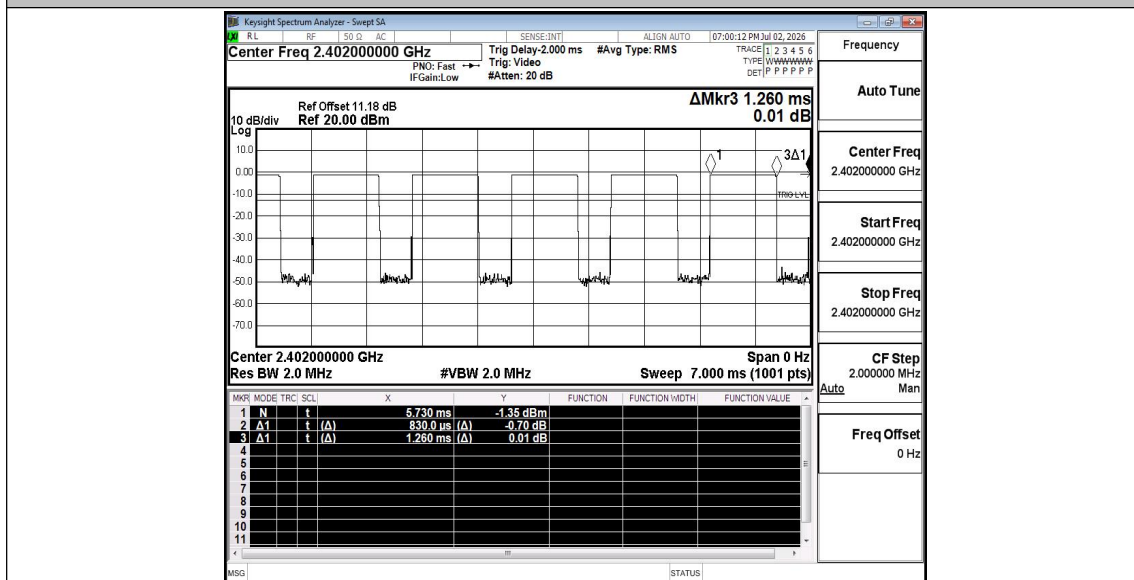
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.64	1.88	0.8723	87.23	0.59	---	---
		2440	1.64	1.88	0.8723	87.23	0.59	---	---
		2480	1.64	1.88	0.8723	87.23	0.59	---	---
BLE_2M	Ant1	2402	0.83	1.26	0.6587	65.87	1.81	---	---
		2440	0.82	1.25	0.6560	65.60	1.83	---	---
		2480	0.81	1.24	0.6532	65.32	1.85	---	---

Test Graphs

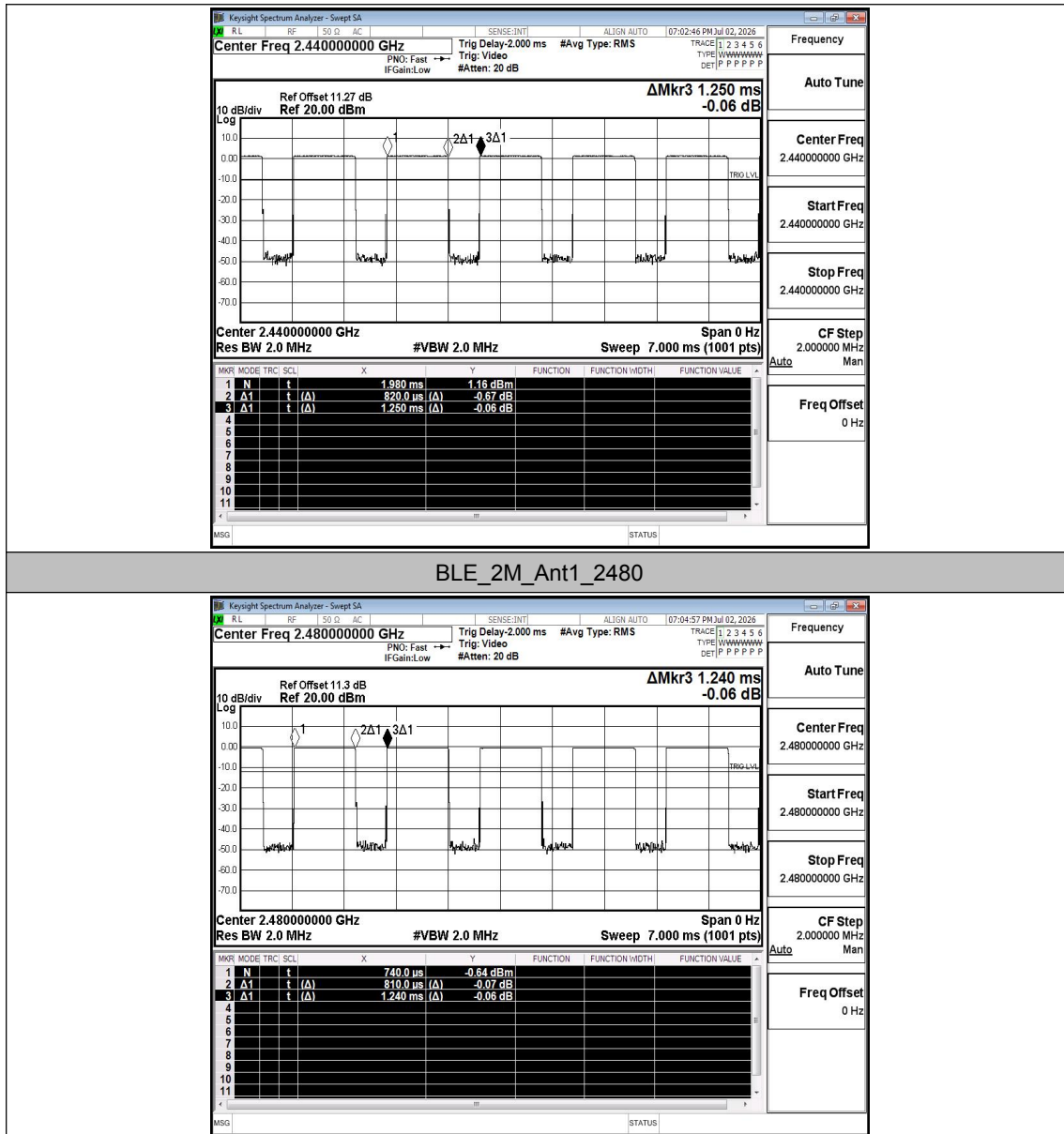




BLE_2M_Ant1_2402



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	-57.99	≤-43.79	2.00	0.59	39.80	≤54	PASS
				AV	2388.725	-57	≤-43.79	2.00	0.59	40.79	≤54	PASS
				AV	2390.000	-57.87	≤-43.79	2.00	0.59	39.92	≤54	PASS
				Peak	2310.000	-49.99	≤-23.20	2.00	0.00	47.21	≤74	PASS
				Peak	2351.135	-47.36	≤-23.20	2.00	0.00	49.84	≤74	PASS
				Peak	2390.000	-49.38	≤-23.20	2.00	0.00	47.82	≤74	PASS
		High	2480	AV	2483.500	-56.73	≤-43.79	2.00	0.59	41.06	≤54	PASS
				AV	2486.160	-56.07	≤-43.79	2.00	0.59	41.72	≤54	PASS
				AV	2500.000	-57.64	≤-43.79	2.00	0.59	40.15	≤54	PASS
				Peak	2483.500	-47.84	≤-23.20	2.00	0.00	49.36	≤74	PASS
				Peak	2484.800	-36.64	≤-23.20	2.00	0.00	60.56	≤74	PASS
				Peak	2500.000	-49.58	≤-23.20	2.00	0.00	47.62	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.94	≤-45.01	2.00	1.81	41.07	≤54	PASS
				AV	2336.855	-56.86	≤-45.01	2.00	1.81	42.15	≤54	PASS
				AV	2390.000	-57.33	≤-45.01	2.00	1.81	41.68	≤54	PASS
				Peak	2310.000	-49.88	≤-23.20	2.00	0.00	47.32	≤74	PASS
				Peak	2376.020	-47.24	≤-23.20	2.00	0.00	49.96	≤74	PASS
				Peak	2390.000	-50.63	≤-23.20	2.00	0.00	46.57	≤74	PASS
		High	2480	AV	2483.500	-56.89	≤-45.05	2.00	1.85	42.16	≤54	PASS
				AV	2484.320	-55.37	≤-45.05	2.00	1.85	43.68	≤54	PASS
				AV	2500.000	-57.17	≤-45.05	2.00	1.85	41.88	≤54	PASS
				Peak	2483.500	-49.64	≤-23.20	2.00	0.00	47.56	≤74	PASS
				Peak	2485.120	-37.62	≤-23.20	2.00	0.00	59.58	≤74	PASS
				Peak	2500.000	-48.74	≤-23.20	2.00	0.00	48.46	≤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

