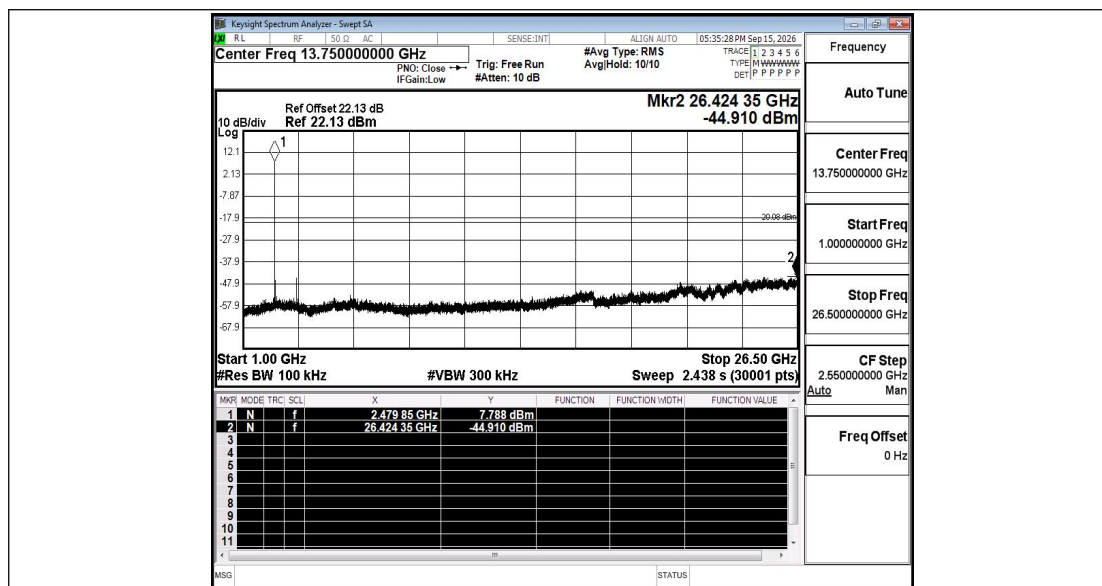


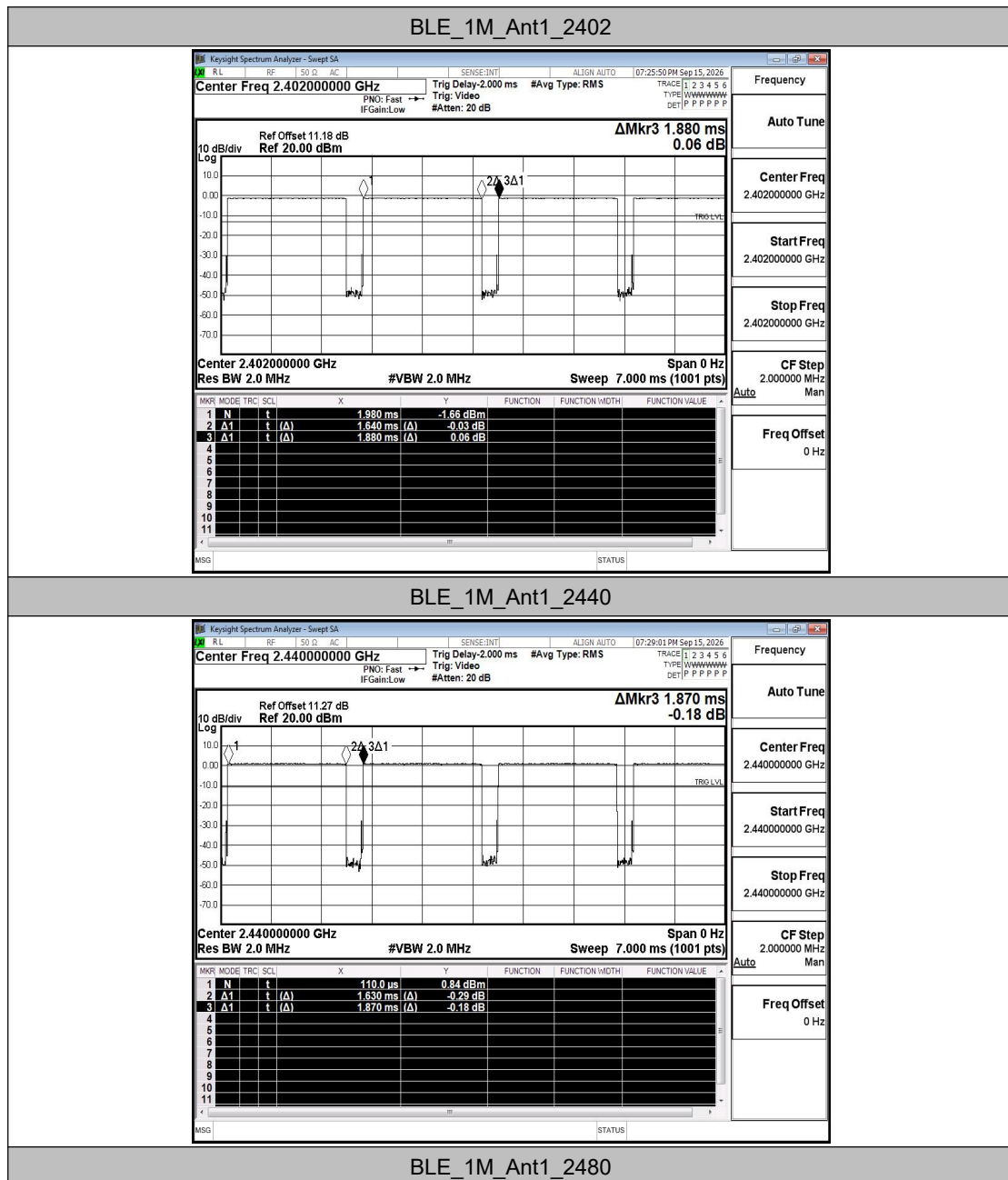


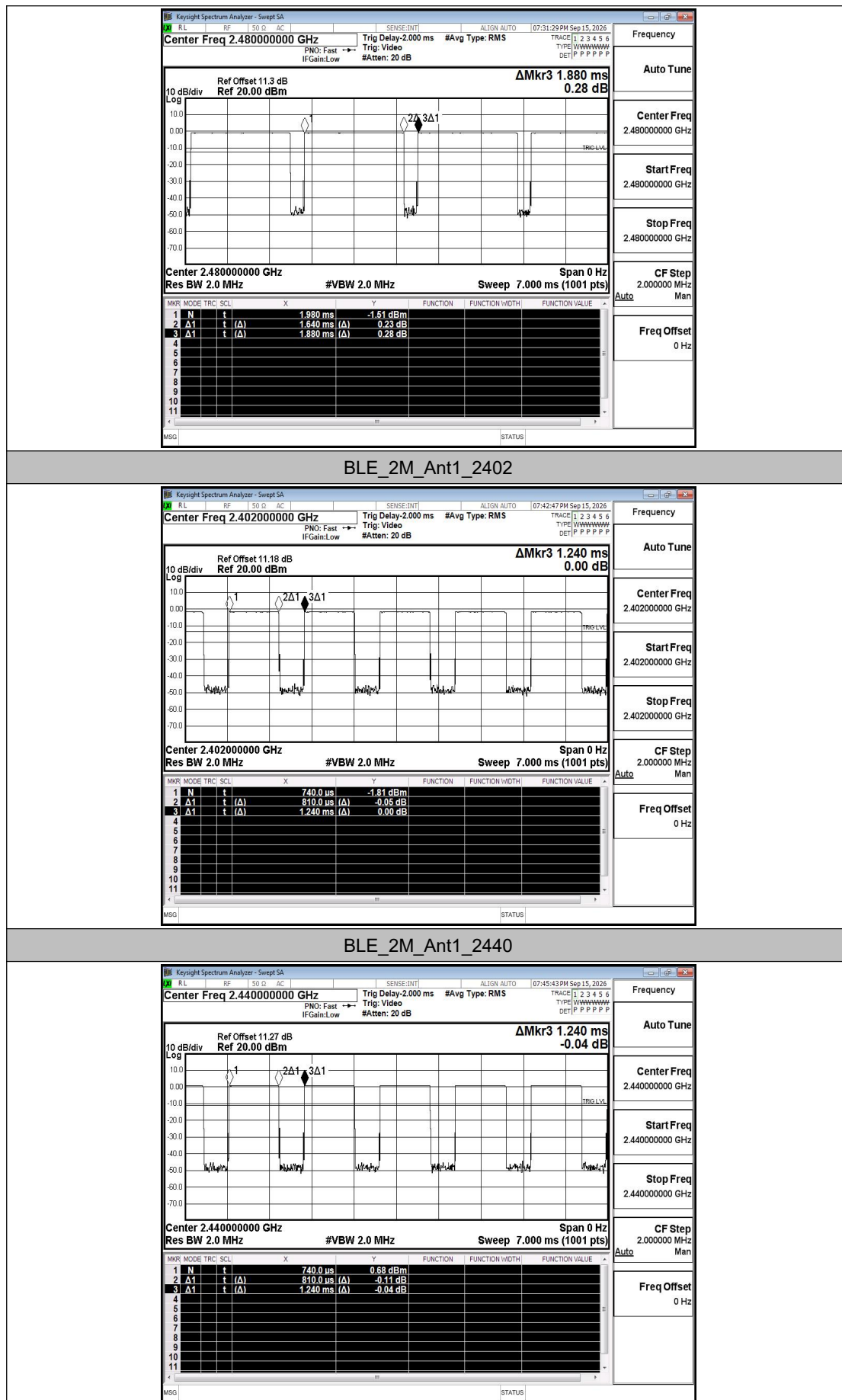
A.6 Duty Cycle

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	1.63	1.87	0.8717	87.17	0.60	---	---
		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	0.81	1.24	0.6532	65.32	1.85	---	---
		2480	0.82	1.25	0.6560	65.60	1.83	---	---

Test Graphs

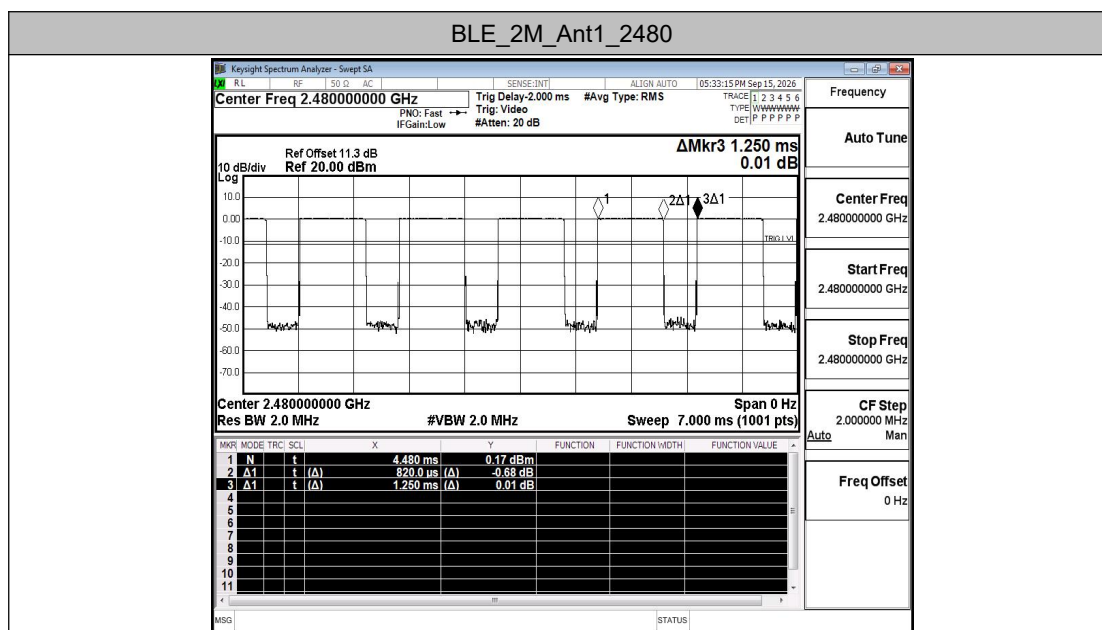




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A.7 Emissions in Restricted Bands

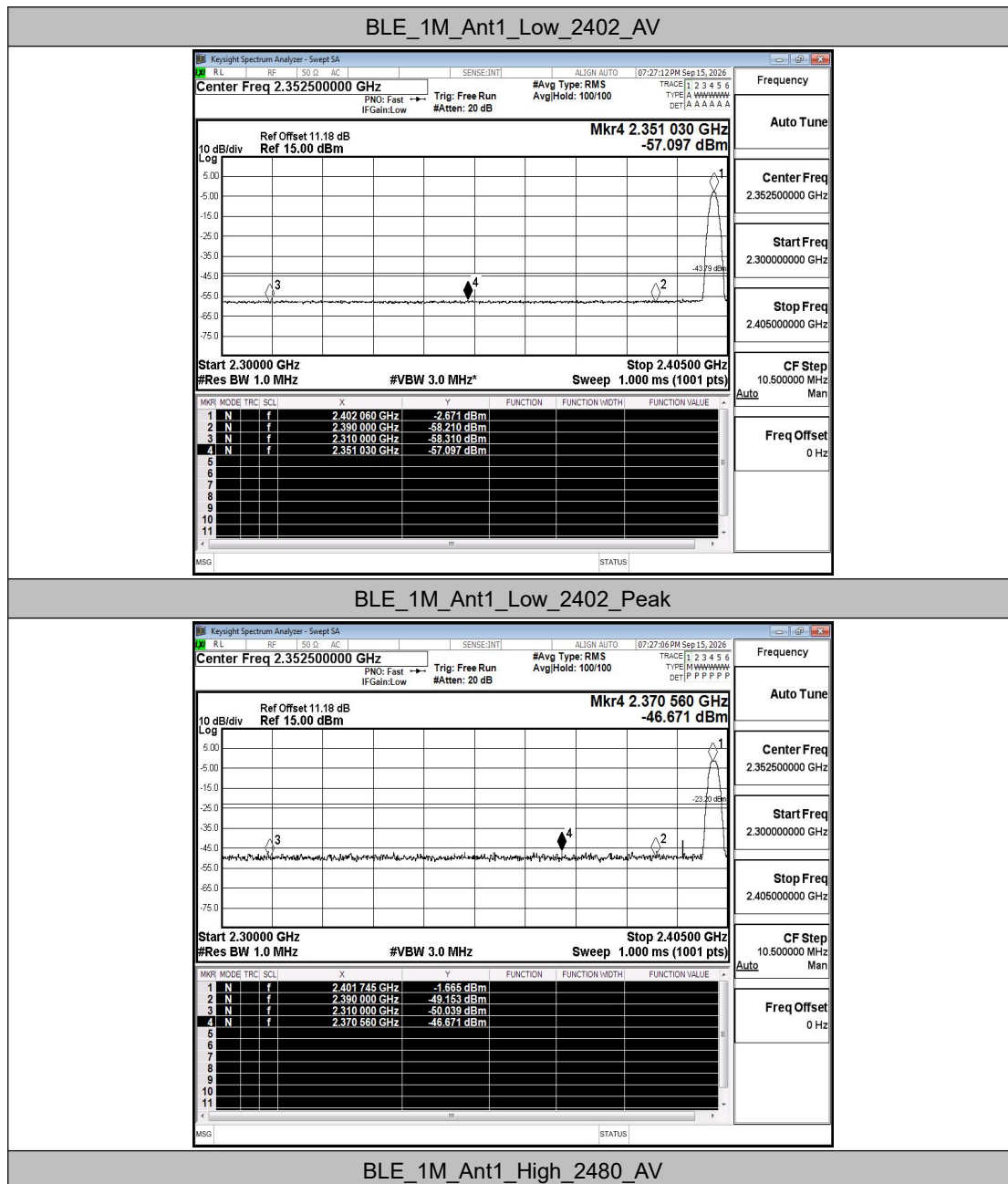
Test Result

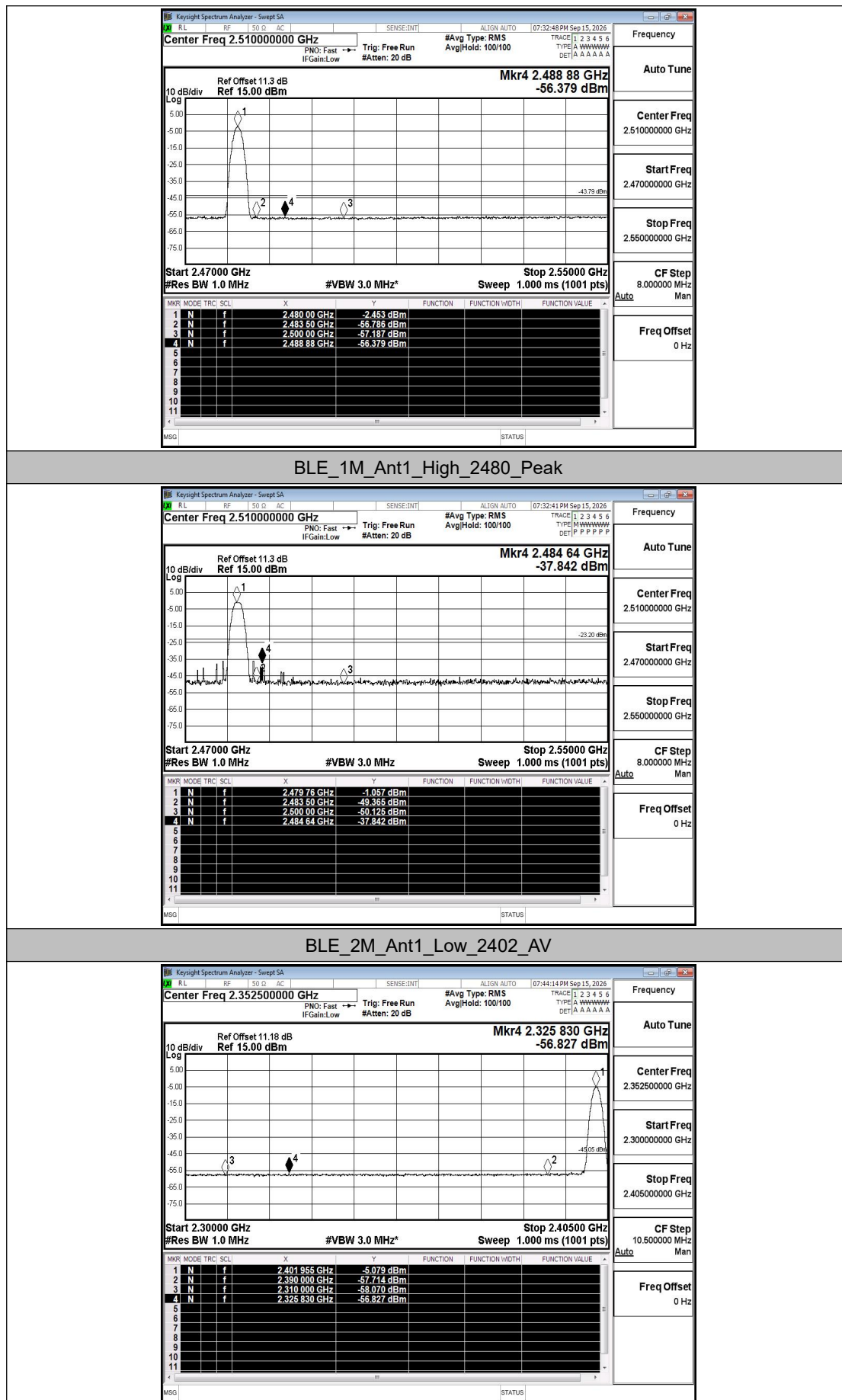
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-58.31	≤-43.79	2.00	0.59	39.48	≤54	PASS
				AV	2351.030	-57.1	≤-43.79	2.00	0.59	40.69	≤54	PASS
				AV	2390.000	-58.21	≤-43.79	2.00	0.59	39.58	≤54	PASS
				Peak	2310.000	-50.04	≤-23.20	2.00	0.00	47.16	≤74	PASS
				Peak	2370.560	-46.67	≤-23.20	2.00	0.00	50.53	≤74	PASS
				Peak	2390.000	-49.15	≤-23.20	2.00	0.00	48.05	≤74	PASS
		High	2480	AV	2483.500	-56.79	≤-43.79	2.00	0.59	41.00	≤54	PASS
				AV	2488.880	-56.38	≤-43.79	2.00	0.59	41.41	≤54	PASS
				AV	2500.000	-57.19	≤-43.79	2.00	0.59	40.60	≤54	PASS
				Peak	2483.500	-49.37	≤-23.20	2.00	0.00	47.83	≤74	PASS
				Peak	2484.640	-37.84	≤-23.20	2.00	0.00	59.36	≤74	PASS
				Peak	2500.000	-50.13	≤-23.20	2.00	0.00	47.07	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-58.07	≤-45.05	2.00	1.85	40.98	≤54	PASS
				AV	2325.830	-56.83	≤-45.05	2.00	1.85	42.22	≤54	PASS
				AV	2390.000	-57.71	≤-45.05	2.00	1.85	41.34	≤54	PASS
				Peak	2310.000	-49.77	≤-23.20	2.00	0.00	47.43	≤74	PASS
				Peak	2314.490	-45.47	≤-23.20	2.00	0.00	51.73	≤74	PASS
				Peak	2390.000	-49.26	≤-23.20	2.00	0.00	47.94	≤74	PASS
		High	2480	AV	2483.500	-56.71	≤-45.03	2.00	1.83	42.32	≤54	PASS
				AV	2486.640	-55.44	≤-45.03	2.00	1.83	43.59	≤54	PASS
				AV	2500.000	-57.21	≤-45.03	2.00	1.83	41.82	≤54	PASS
				Peak	2483.500	-47.54	≤-23.20	2.00	0.00	49.66	≤74	PASS
				Peak	2484.480	-36.31	≤-23.20	2.00	0.00	60.89	≤74	PASS
				Peak	2500.000	-50.35	≤-23.20	2.00	0.00	46.85	≤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



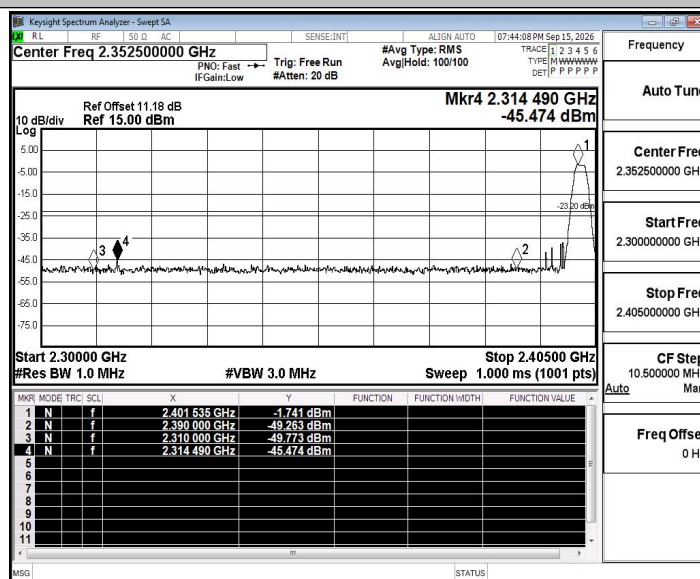


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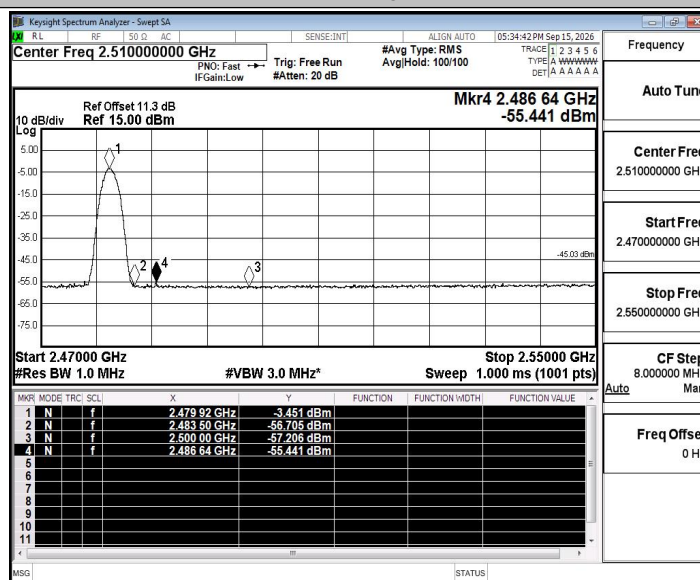
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BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak

