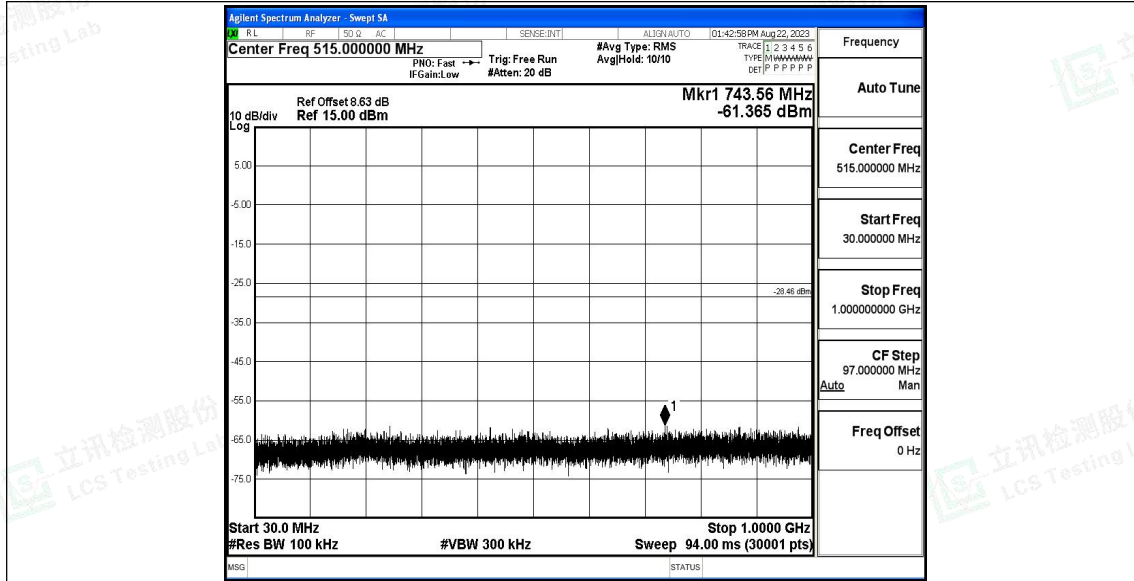
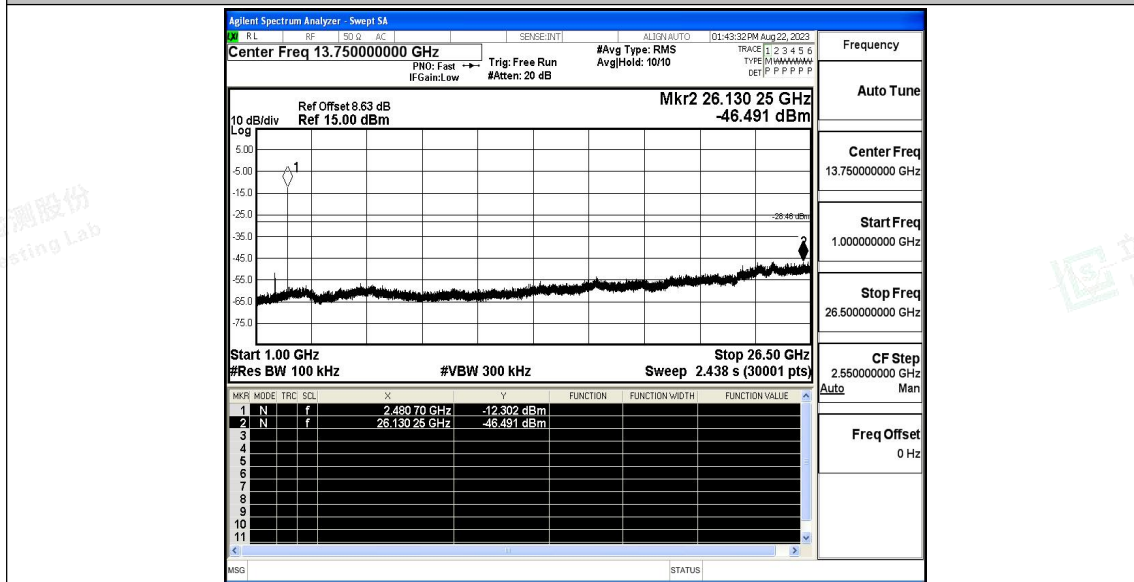




BLE_2M_Ant1_2480_1000~26500



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B.6 Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	1/T	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	0.6190	61.90	2.08	2.56	---	---
		2440	0.38	0.63	0.6032	60.32	2.20	2.63	---	---
		2480	0.39	0.63	0.6190	61.90	2.08	2.56	---	---
BLE_2M	Ant1	2402	0.20	0.63	0.3175	31.75	4.98	5.00	---	---
		2440	0.20	0.63	0.3175	31.75	4.98	5.00	---	---
		2480	0.20	0.63	0.3175	31.75	4.98	5.00	---	---



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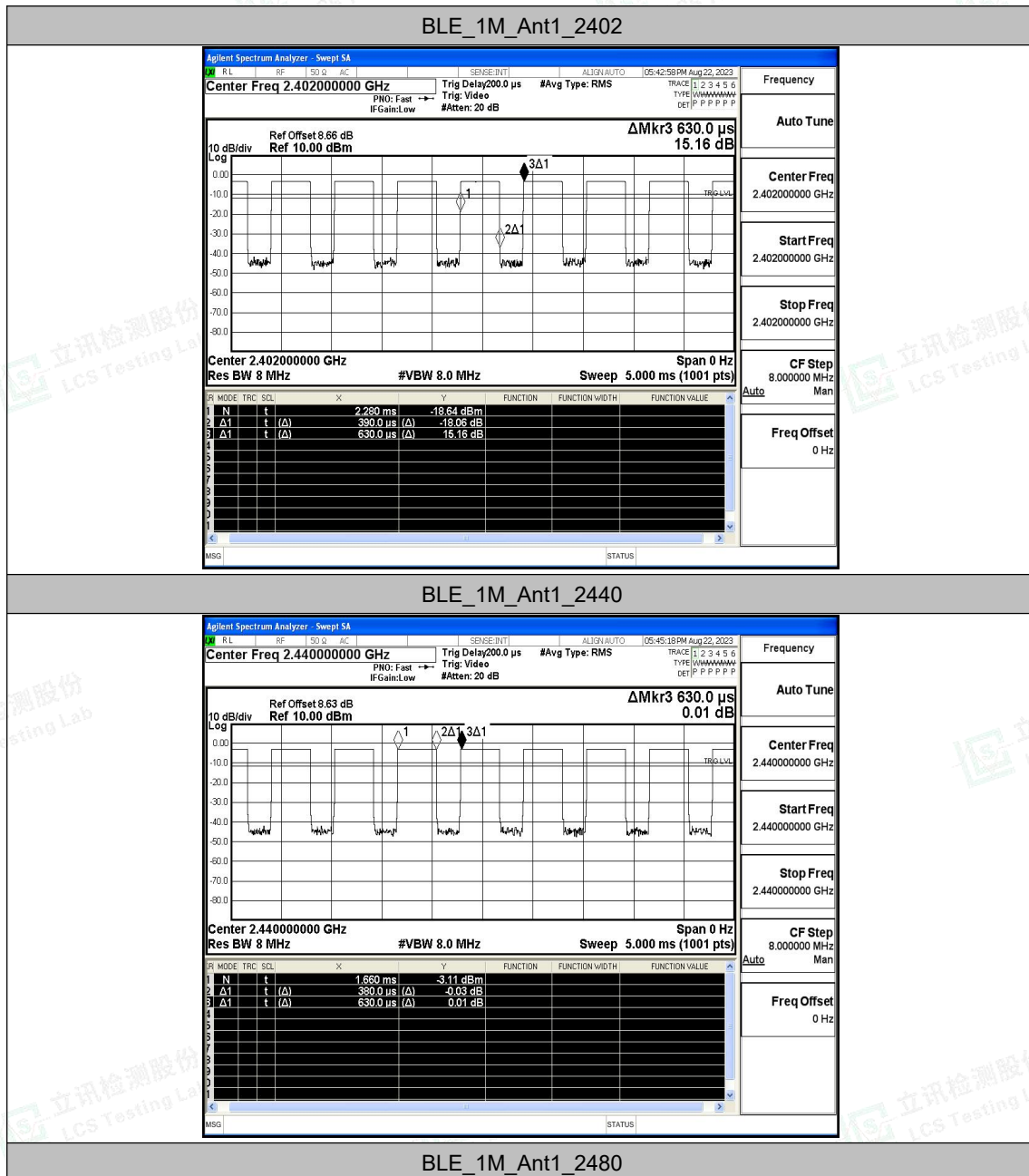
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Test Graphs

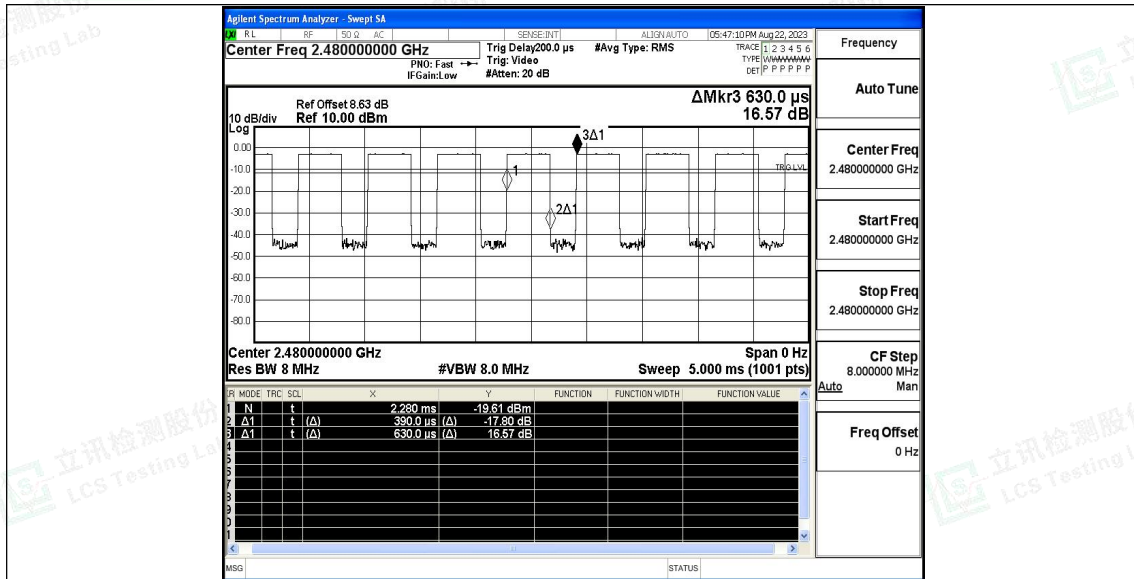


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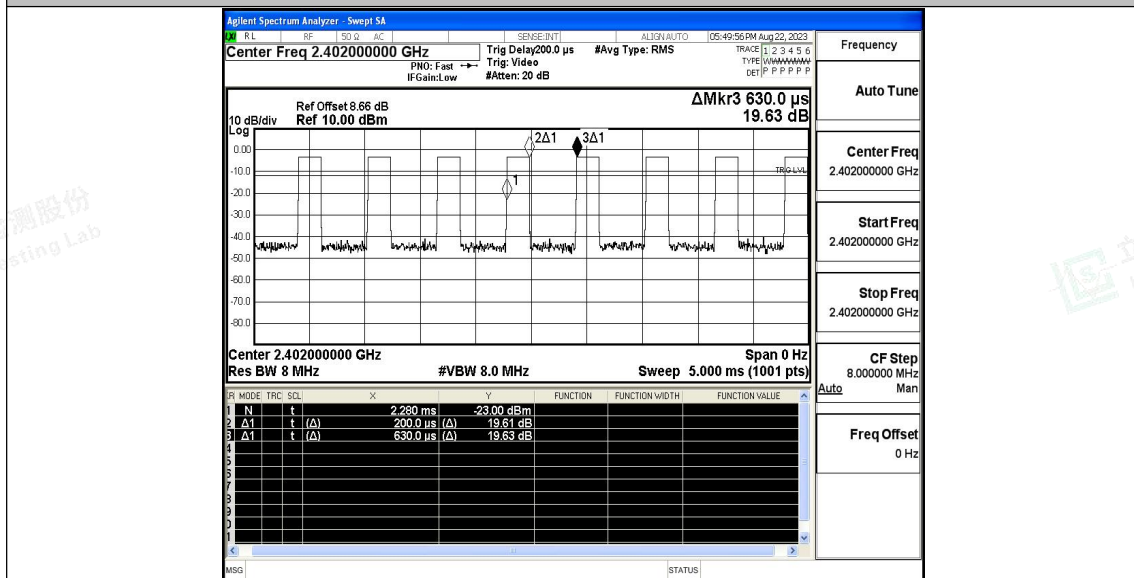
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BLE_2M_Ant1_2402



BLE_2M_Ant1_2440

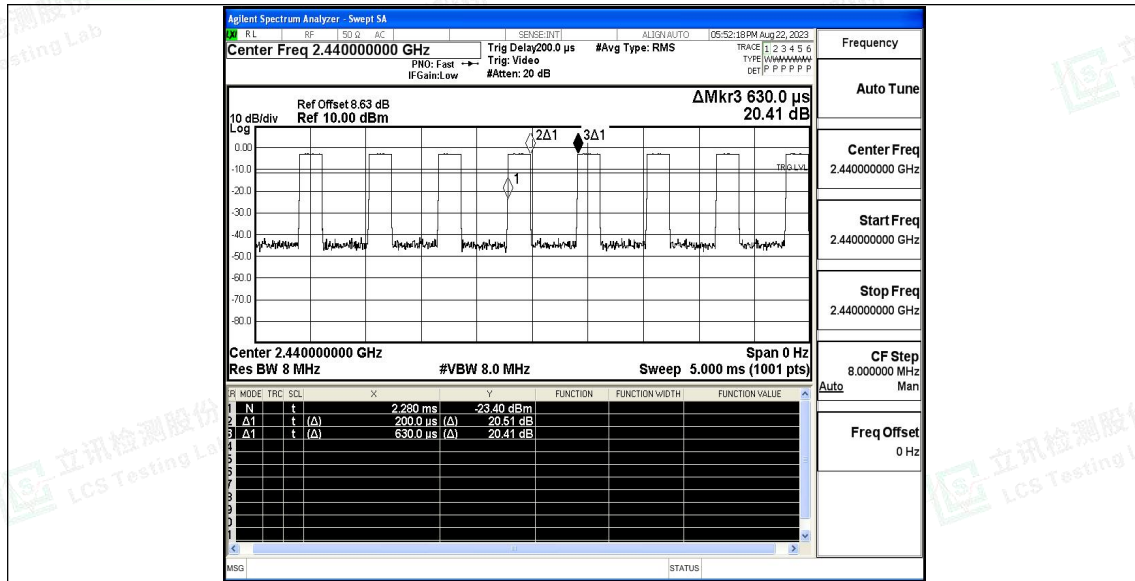


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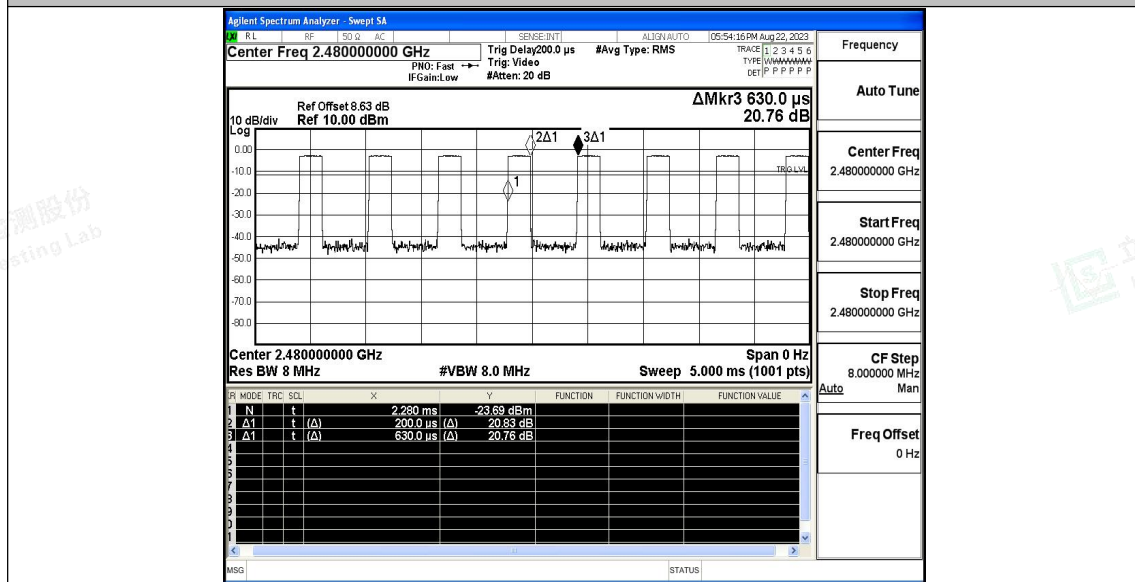
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BLE_2M_Ant1_2480



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B.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-47.63	≤-41.20	47.57	≤54	PASS
				AV	2383.580	-46.81	≤-41.20	48.39	≤54	PASS
				AV	2390.000	-47.17	≤-41.20	48.03	≤54	PASS
				Peak	2310.000	-40.17	≤-21.20	55.03	≤74	PASS
				Peak	2364.365	-37.53	≤-21.20	57.67	≤74	PASS
				Peak	2390.000	-38.84	≤-21.20	56.36	≤74	PASS
		High	2480	AV	2483.500	-46.71	≤-41.20	48.49	≤54	PASS
				AV	2497.840	-46.3	≤-41.20	48.90	≤54	PASS
				AV	2500.000	-46.55	≤-41.20	48.65	≤54	PASS
				Peak	2483.500	-40.2	≤-21.20	55.00	≤74	PASS
				Peak	2496.720	-36.74	≤-21.20	58.46	≤74	PASS
				Peak	2500.000	-40	≤-21.20	55.20	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-47.16	≤-41.20	48.04	≤54	PASS
				AV	2378.855	-45.88	≤-41.20	49.32	≤54	PASS
				AV	2390.000	-46.49	≤-41.20	48.71	≤54	PASS
				Peak	2310.000	-39.6	≤-21.20	55.60	≤74	PASS
				Peak	2365.625	-37.67	≤-21.20	57.53	≤74	PASS
				Peak	2390.000	-39.56	≤-21.20	55.64	≤74	PASS
		High	2480	AV	2483.500	-45.88	≤-41.20	49.32	≤54	PASS
				AV	2499.040	-45.49	≤-41.20	49.71	≤54	PASS
				AV	2500.000	-46.21	≤-41.20	48.99	≤54	PASS
				Peak	2483.500	-38.95	≤-21.20	56.25	≤74	PASS
				Peak	2488.560	-37.32	≤-21.20	57.88	≤74	PASS
				Peak	2500.000	-40.43	≤-21.20	54.77	≤74	PASS

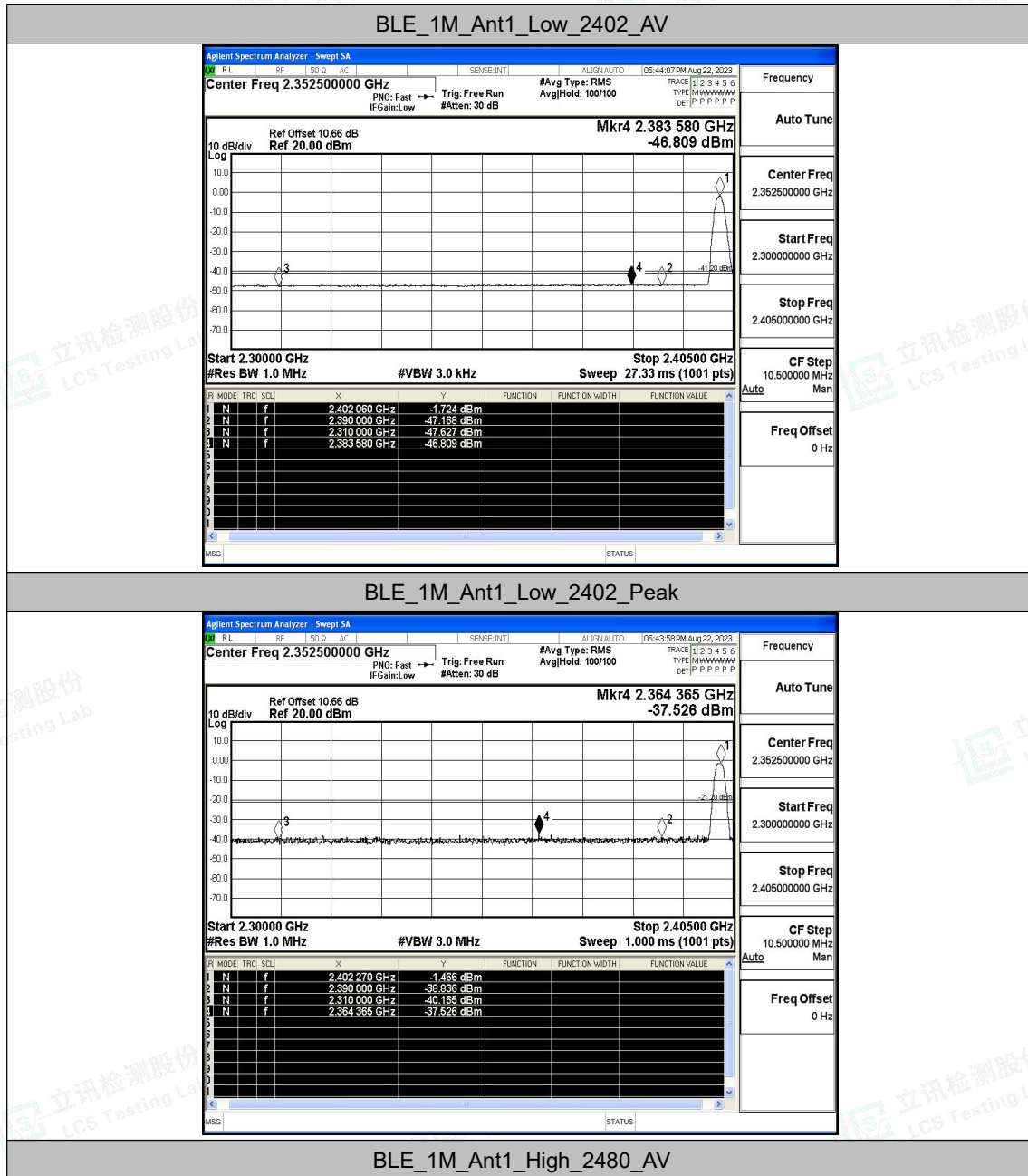
Note:

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

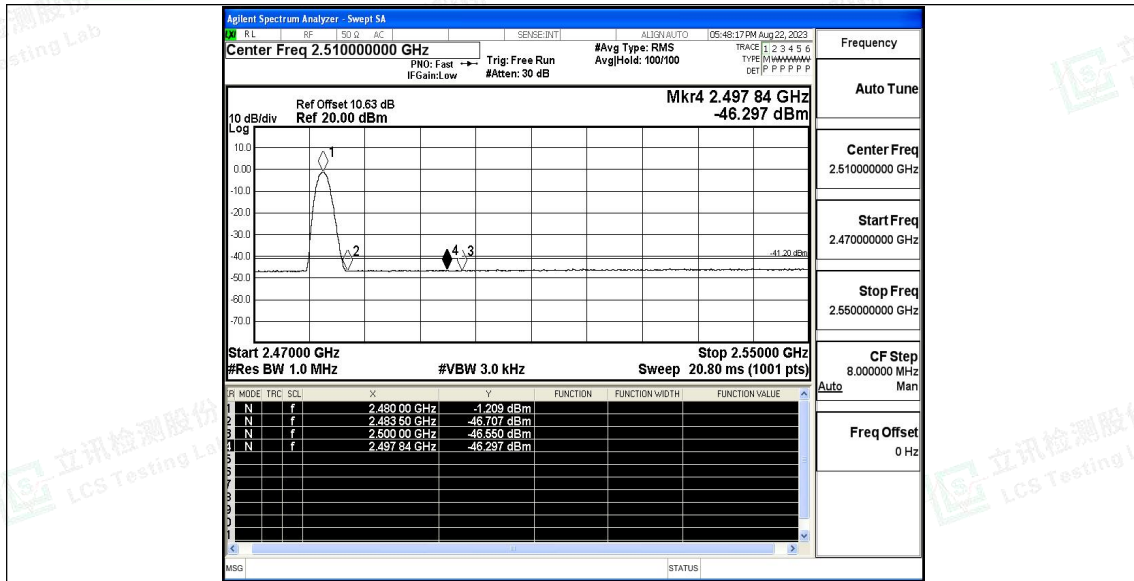


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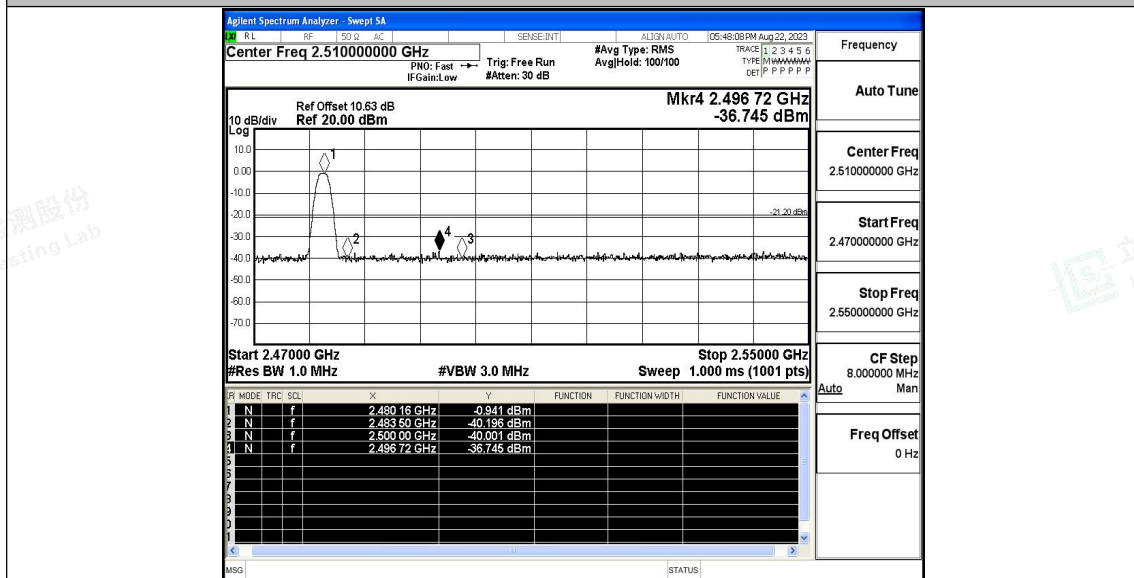
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BLE_1M_Ant1_High_2480_Peak



BLE_2M_Ant1_Low_2402_AV

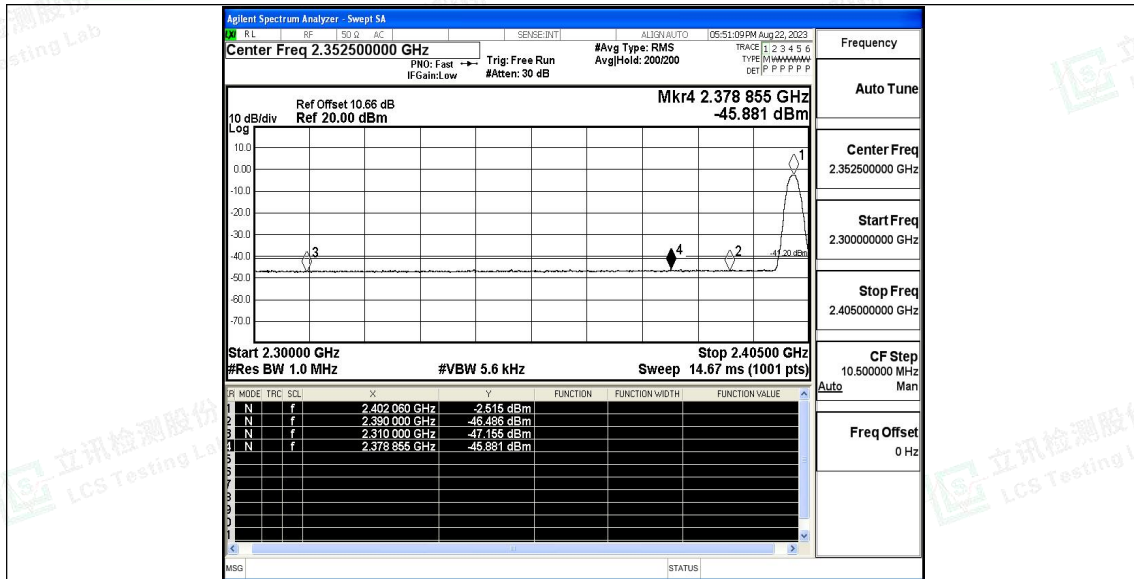


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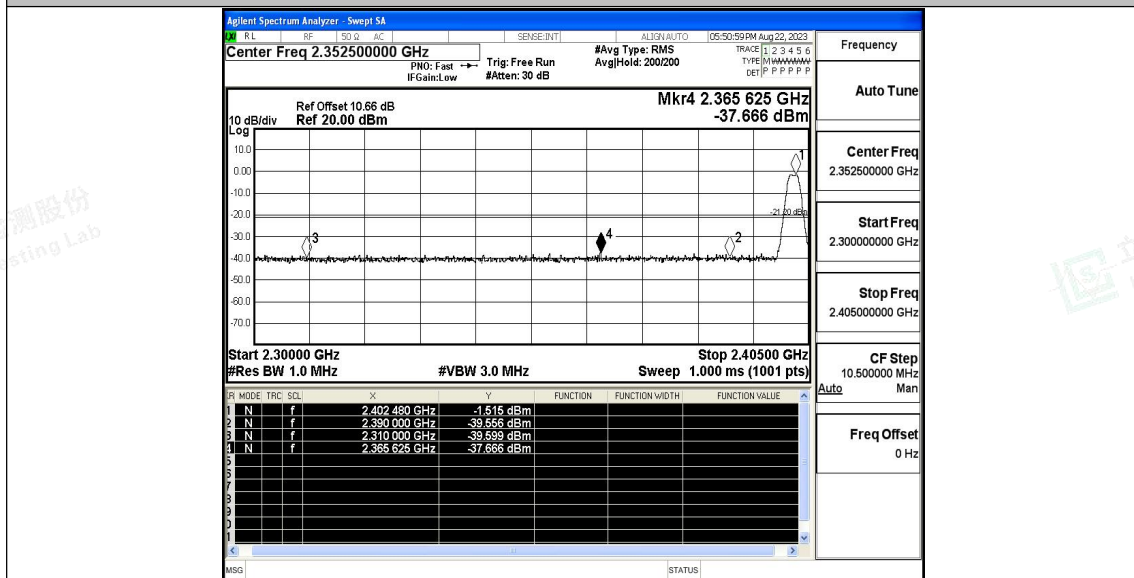
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BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV

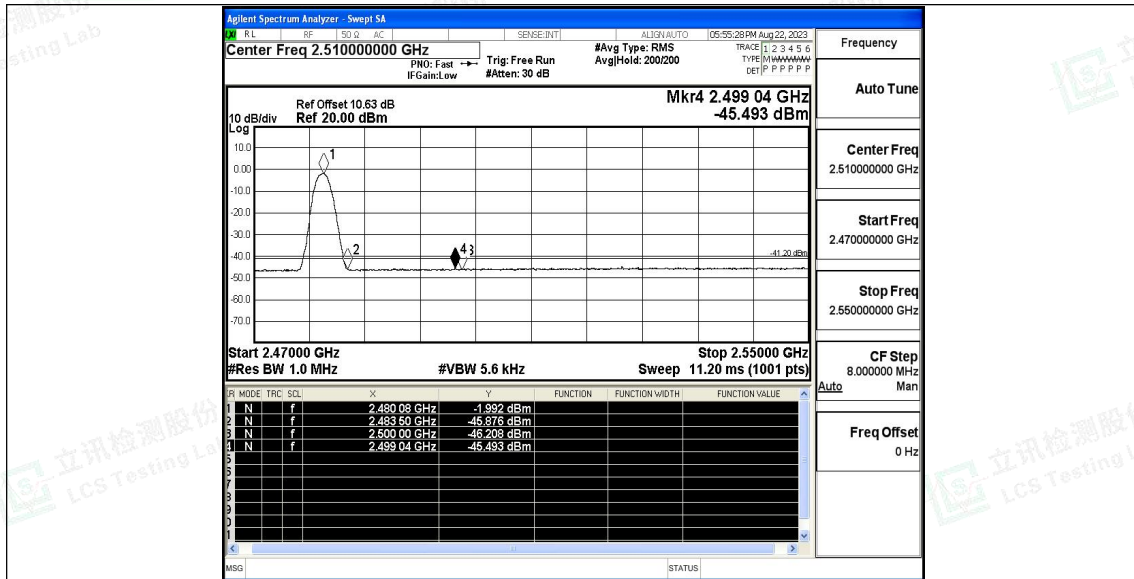


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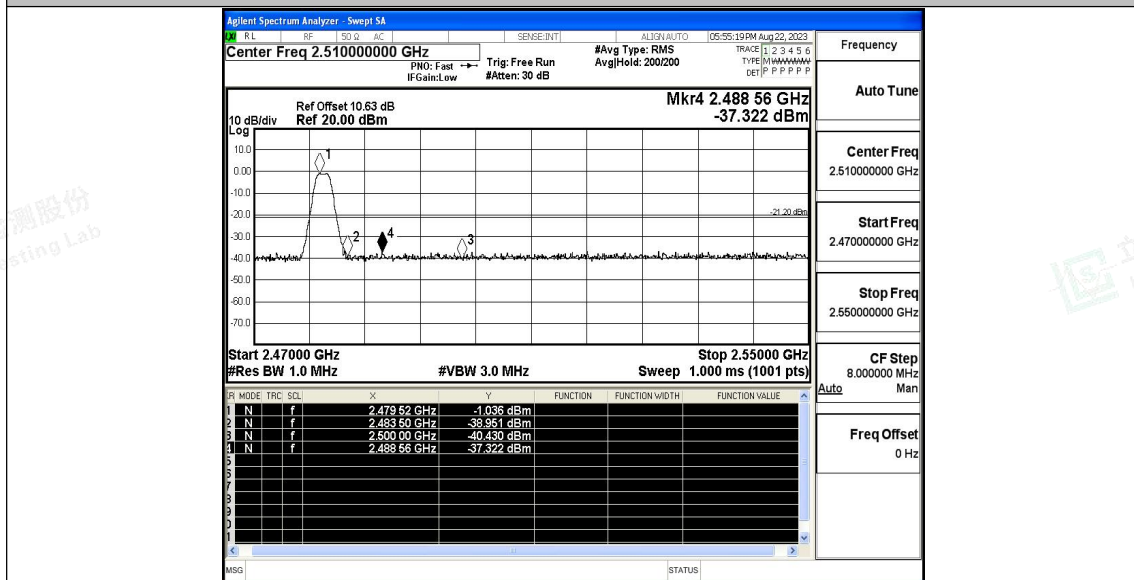
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BLE_2M_Ant1_High_2480_Peak



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