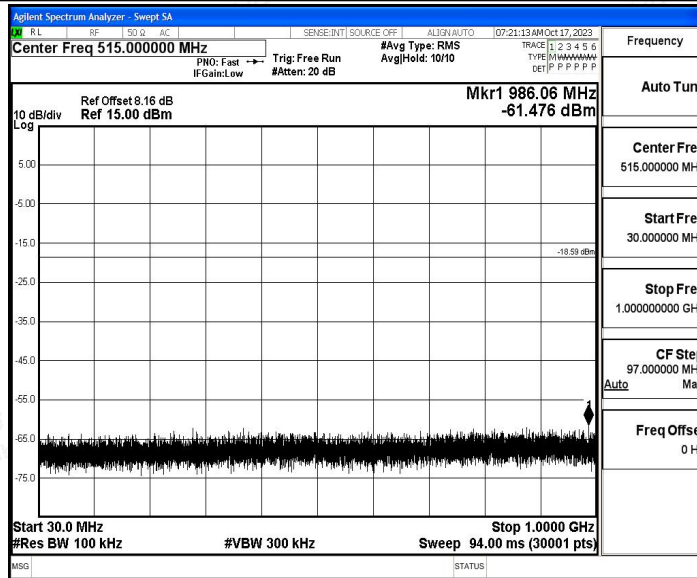
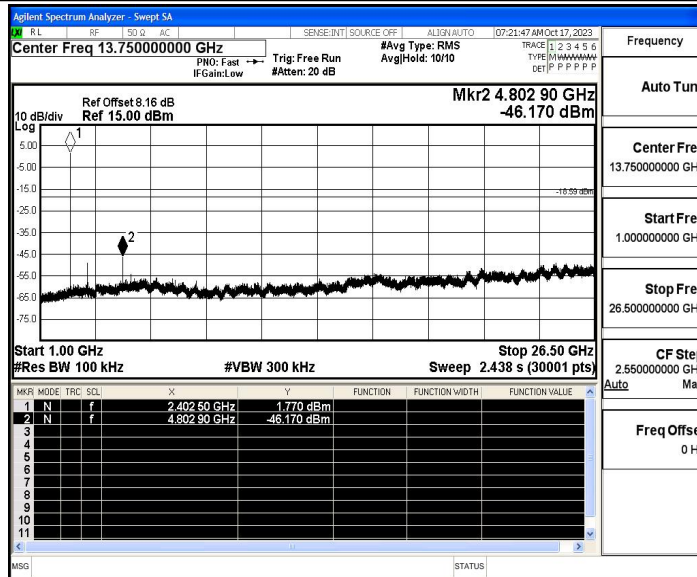




BLE_2M_Ant1_2402_30~1000

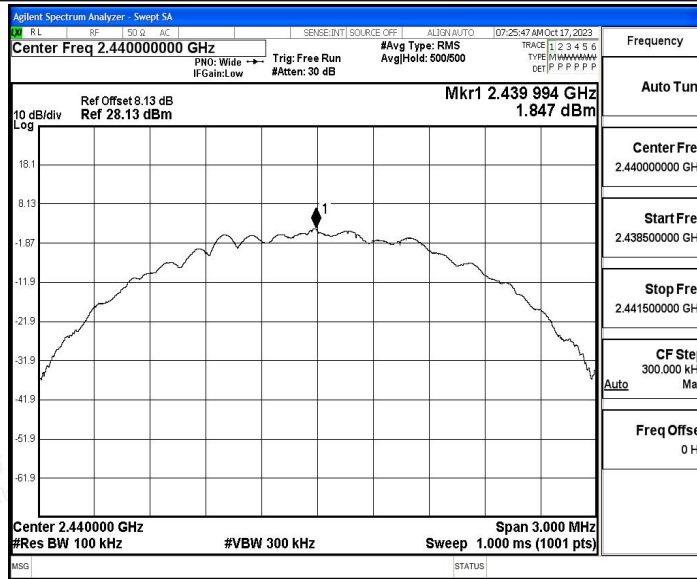


BLE_2M_Ant1_2402_1000~26500

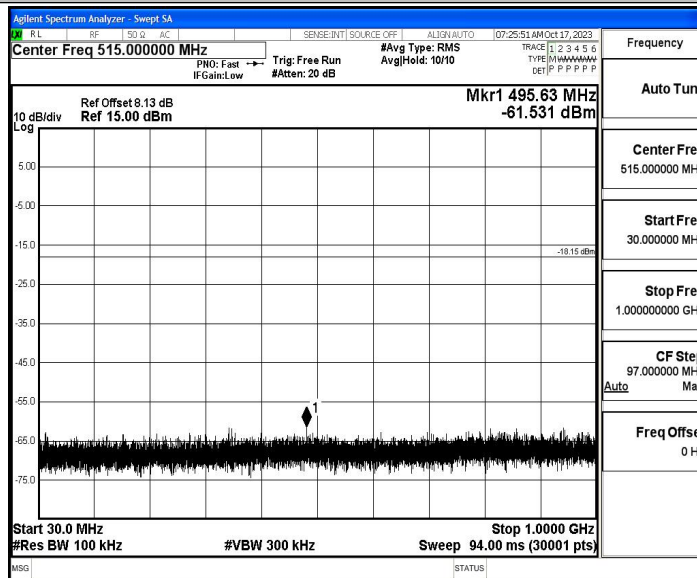


BLE_2M_Ant1_2440_0~Reference

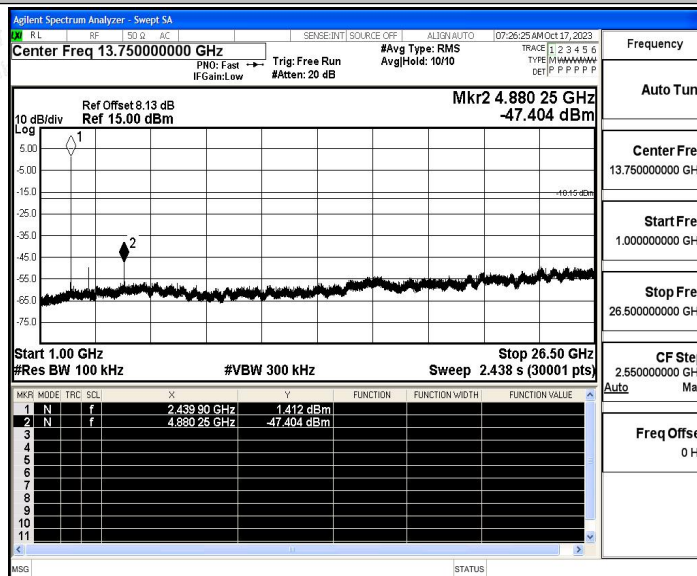




BLE_2M_Ant1_2440_30~1000

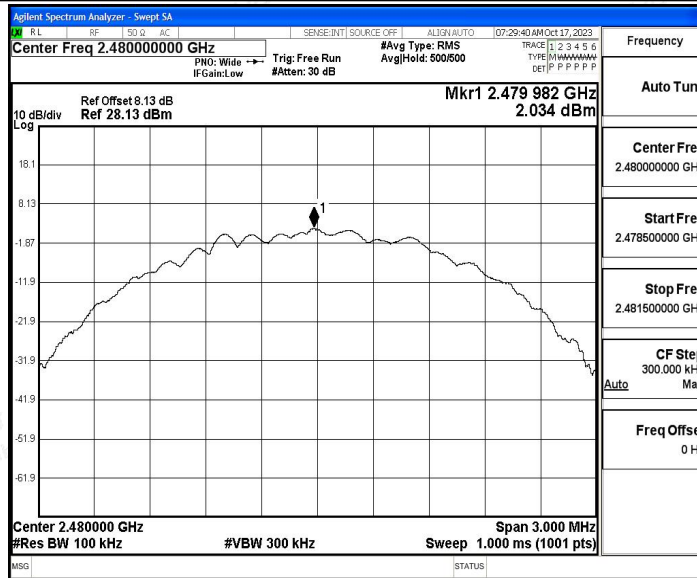


BLE_2M_Ant1_2440_1000~26500

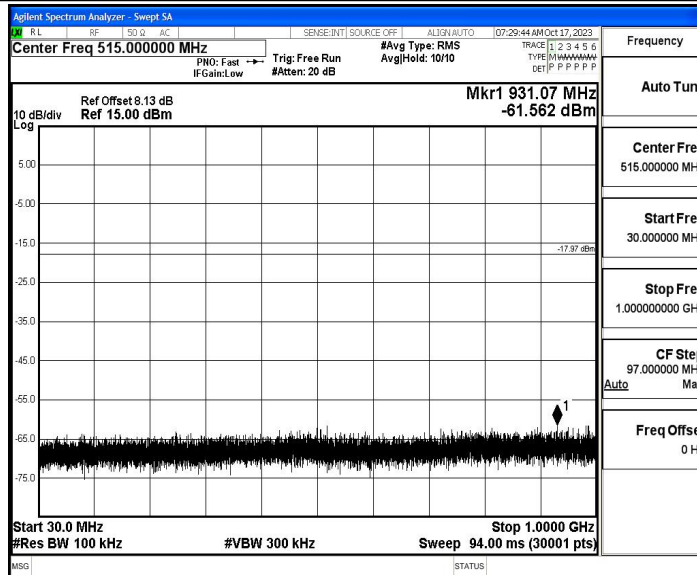




BLE_2M_Ant1_2480_0~Reference

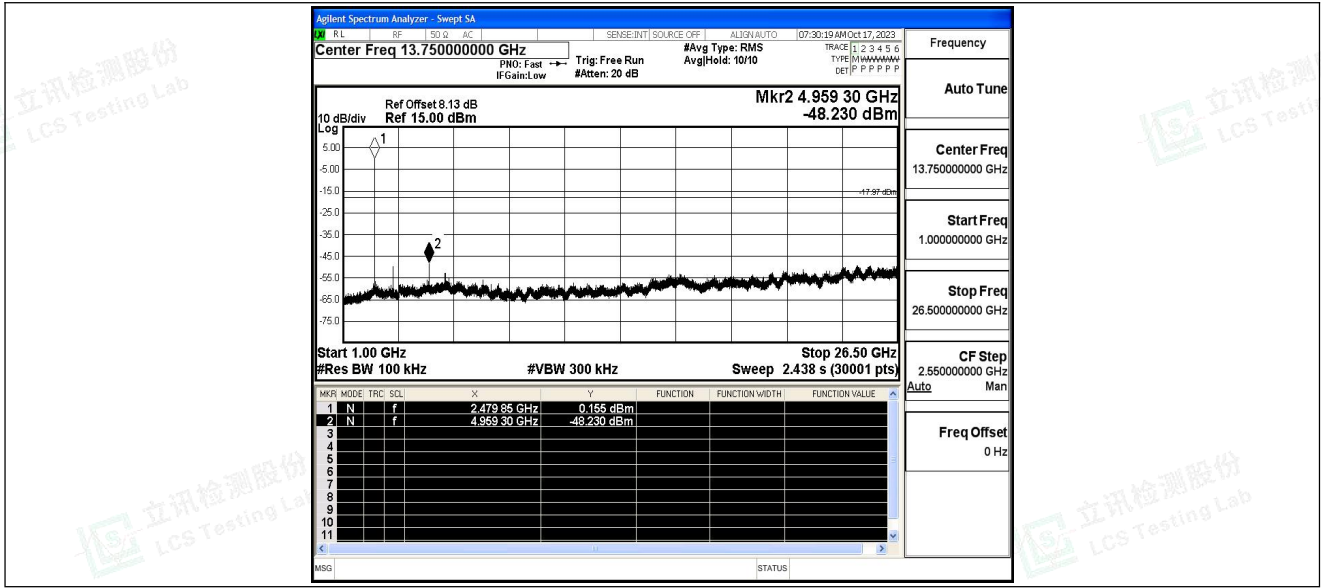


BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500







A.7 Duty Cycle

Test Result

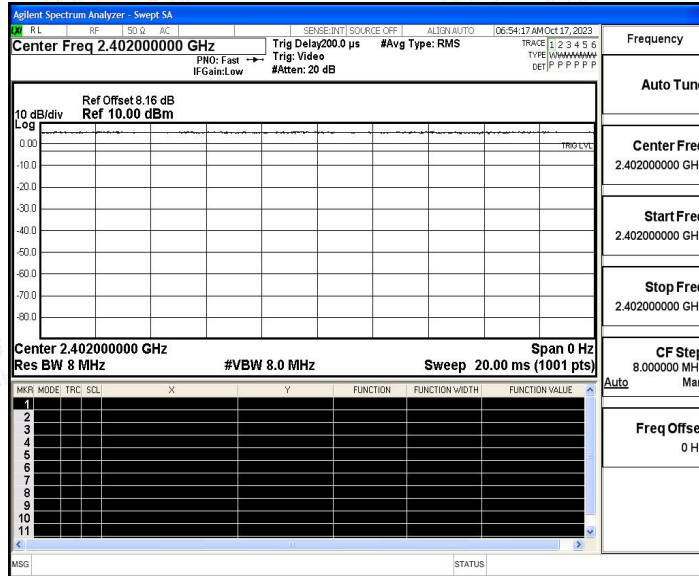
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	1/T	Limit	Verdict
BLE_1M	Ant1	2402	20.00	20.00	1.0000	100.00	0.00	0.05	---	---
		2440	20.00	20.00	1.0000	100.00	0.00	0.05	---	---
		2480	20.00	20.00	1.0000	100.00	0.00	0.05	---	---
BLE_2M	Ant1	2402	20.00	20.00	1.0000	100.00	0.00	0.05	---	---
		2440	20.00	20.00	1.0000	100.00	0.00	0.05	---	---
		2480	20.00	20.00	1.0000	100.00	0.00	0.05	---	---



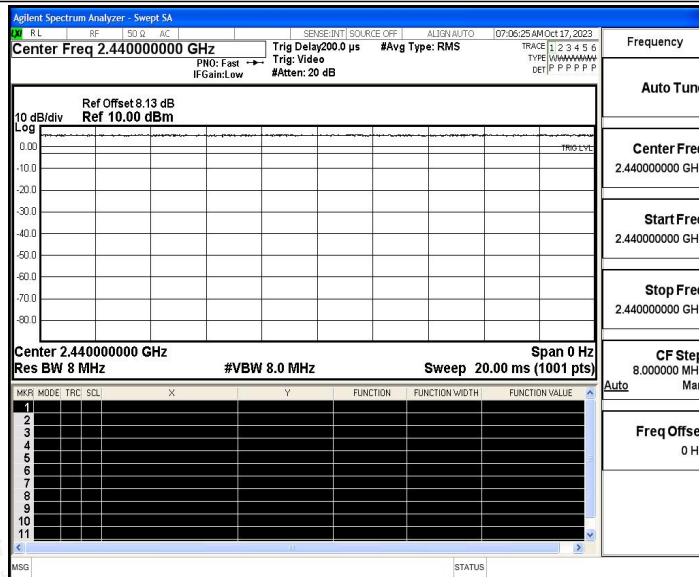


Test Graphs

BLE_1M_Ant1_2402

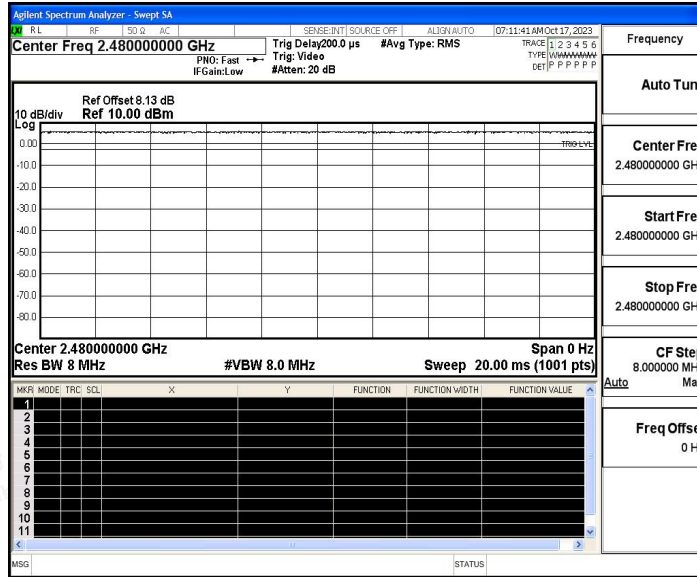


BLE_1M_Ant1_2440

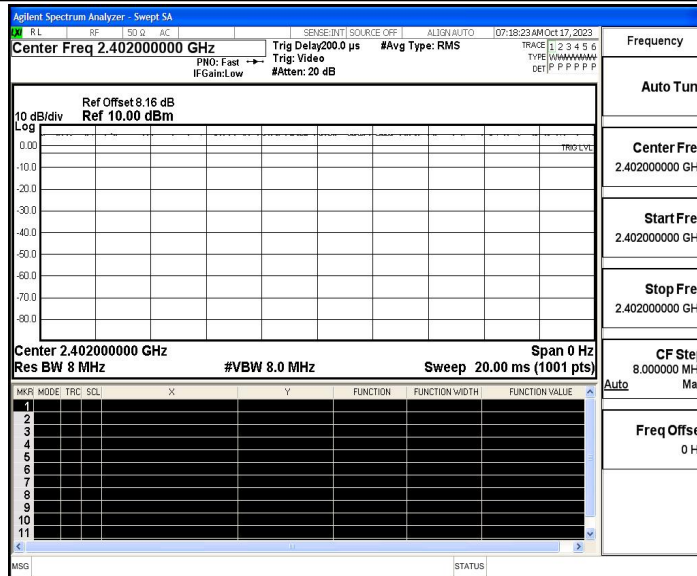


BLE_1M_Ant1_2480

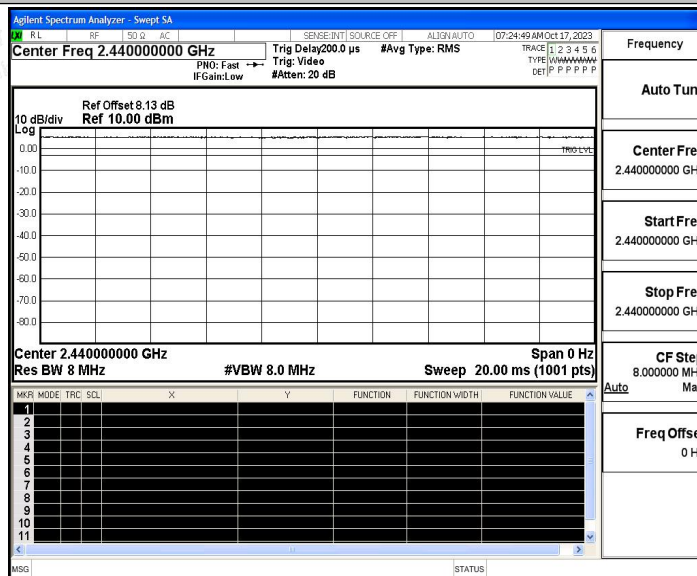




BLE_2M_Ant1_2402

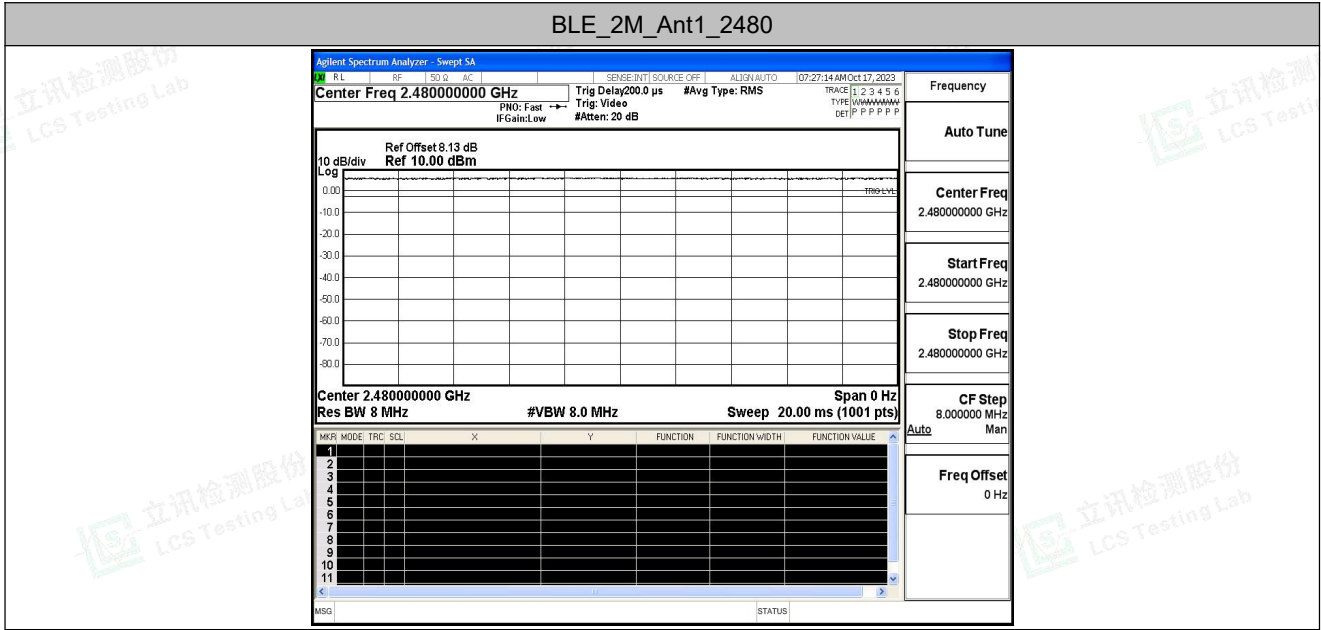


BLE_2M_Ant1_2440





BLE_2M_Ant1_2480





A.8 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	-49.41	≤-41.20	45.79	≤54	PASS
				AV	2389.880	-48.98	≤-41.20	46.22	≤54	PASS
				AV	2390.000	-48.98	≤-41.20	46.22	≤54	PASS
				Peak	2310.000	-44.92	≤-21.20	50.28	≤74	PASS
				Peak	2341.055	-39.59	≤-21.20	55.61	≤74	PASS
				Peak	2390.000	-42.64	≤-21.20	52.56	≤74	PASS
		High	2480	AV	2483.500	-46.52	≤-41.20	48.68	≤54	PASS
				AV	2483.520	-46.52	≤-41.20	48.68	≤54	PASS
				AV	2500.000	-48.71	≤-41.20	46.49	≤54	PASS
				Peak	2483.500	-41.64	≤-21.20	53.56	≤74	PASS
				Peak	2493.920	-39.67	≤-21.20	55.53	≤74	PASS
				Peak	2500.000	-44.07	≤-21.20	51.13	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-49.4	≤-41.20	45.80	≤54	PASS
				AV	2387.465	-48.96	≤-41.20	46.24	≤54	PASS
				AV	2390.000	-49	≤-41.20	46.20	≤54	PASS
				Peak	2310.000	-44.59	≤-21.20	50.61	≤74	PASS
				Peak	2375.180	-38.67	≤-21.20	56.53	≤74	PASS
				Peak	2390.000	-44.19	≤-21.20	51.01	≤74	PASS
		High	2480	AV	2483.500	-44.06	≤-41.20	51.14	≤54	PASS
				AV	2483.520	-44.06	≤-41.20	51.14	≤54	PASS
				AV	2500.000	-48.68	≤-41.20	46.52	≤54	PASS
				Peak	2483.500	-39.47	≤-21.20	55.73	≤74	PASS
				Peak	2483.760	-37.62	≤-21.20	57.58	≤74	PASS
				Peak	2500.000	-41.08	≤-21.20	54.12	≤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.



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

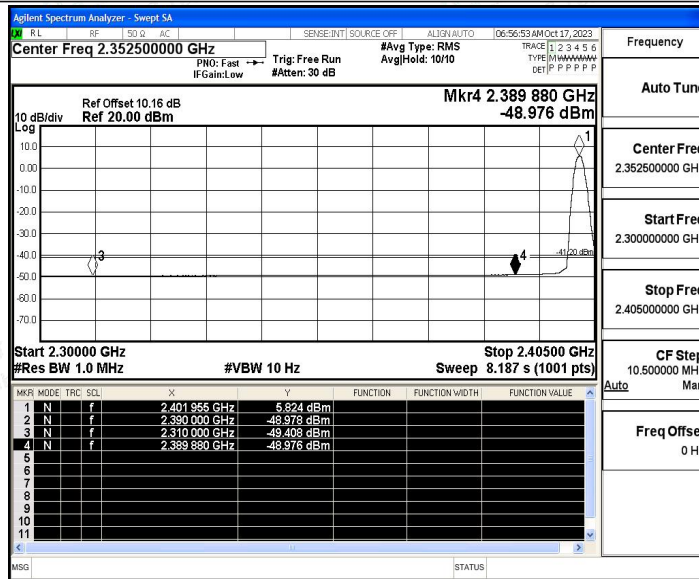
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

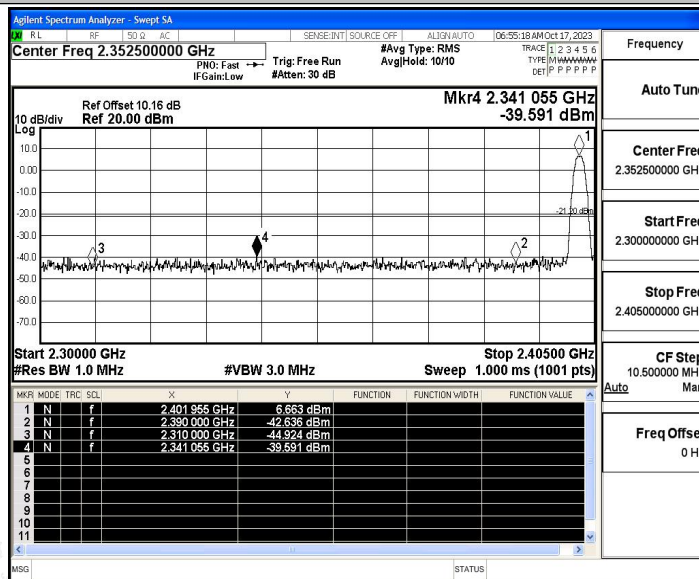


Test Graphs

BLE_1M_Ant1_Low_2402_AV

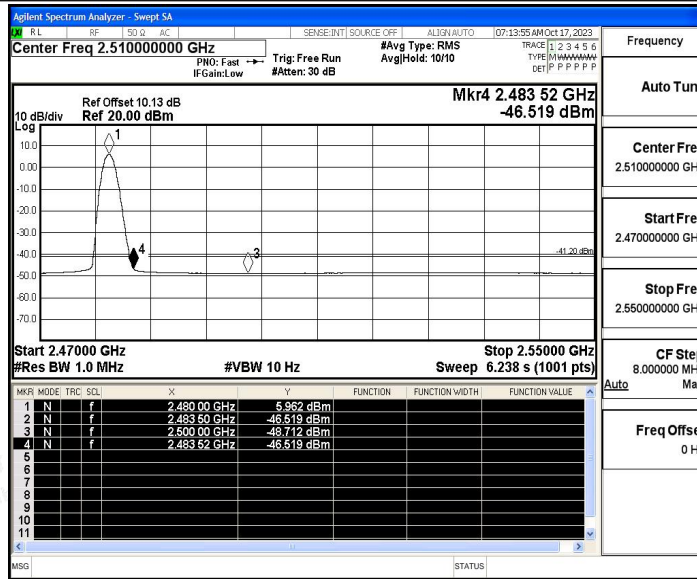


BLE_1M_Ant1_Low_2402_Peak

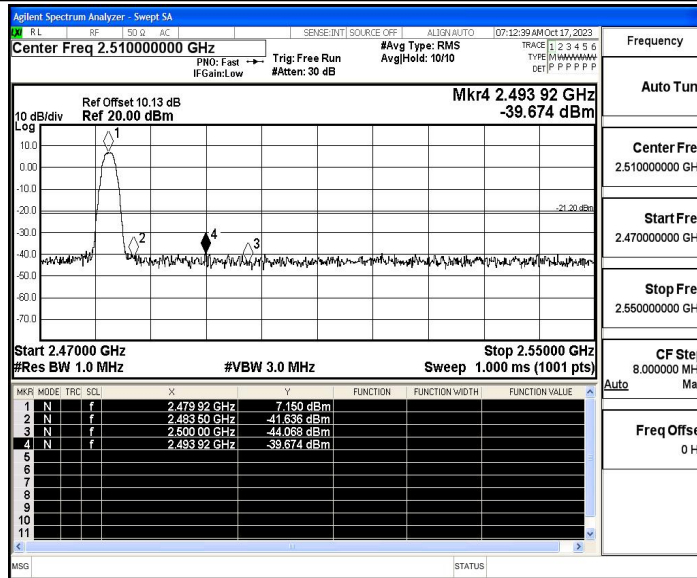


BLE_1M_Ant1_High_2480_AV

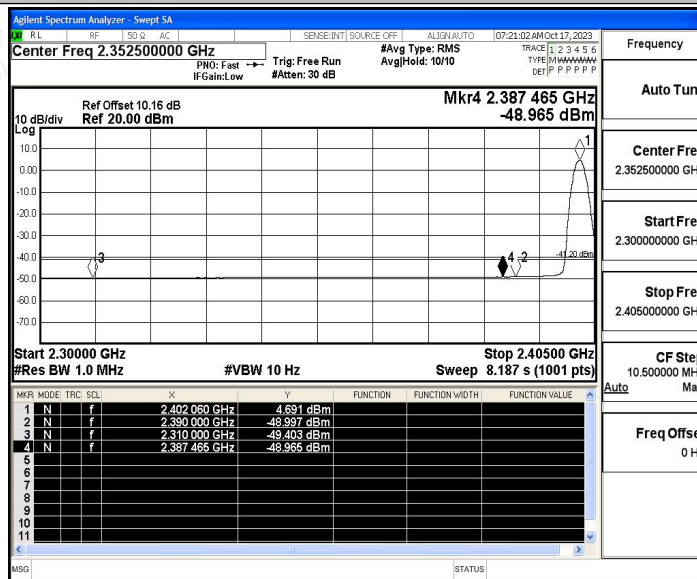




BLE_1M_Ant1_High_2480_Peak

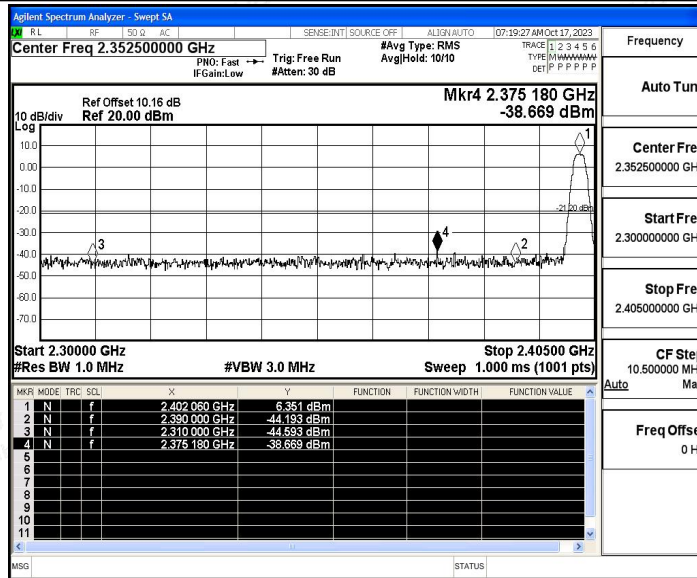


BLE_2M_Ant1_Low_2402_AV

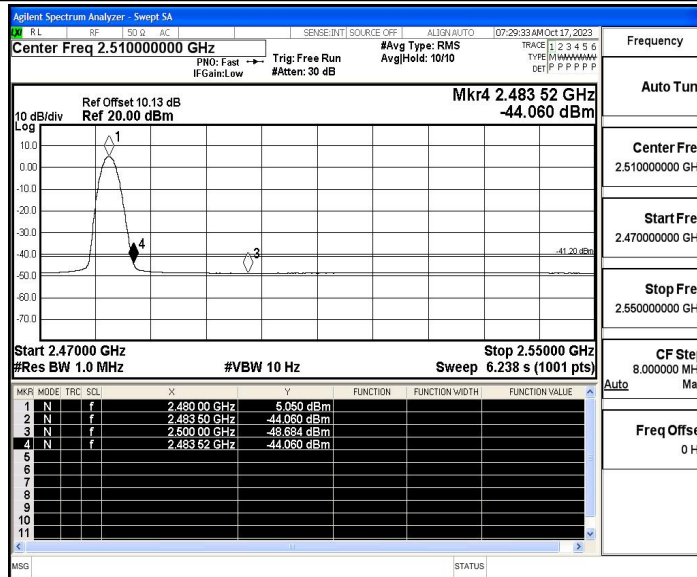




BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak



