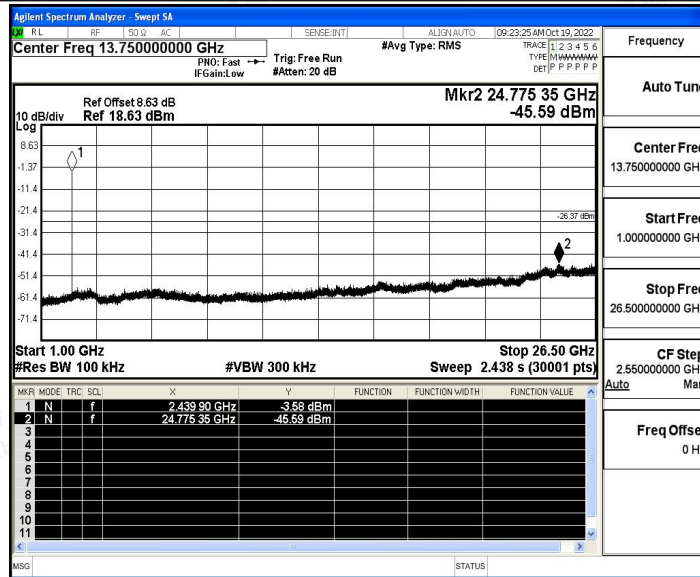
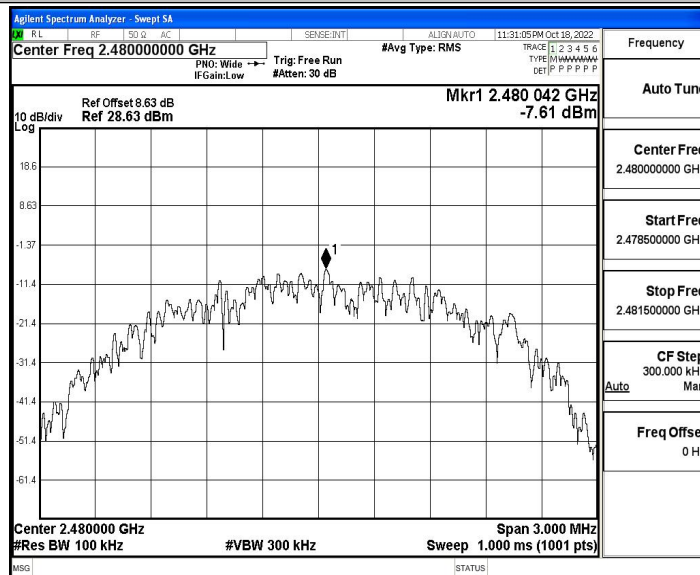




BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000

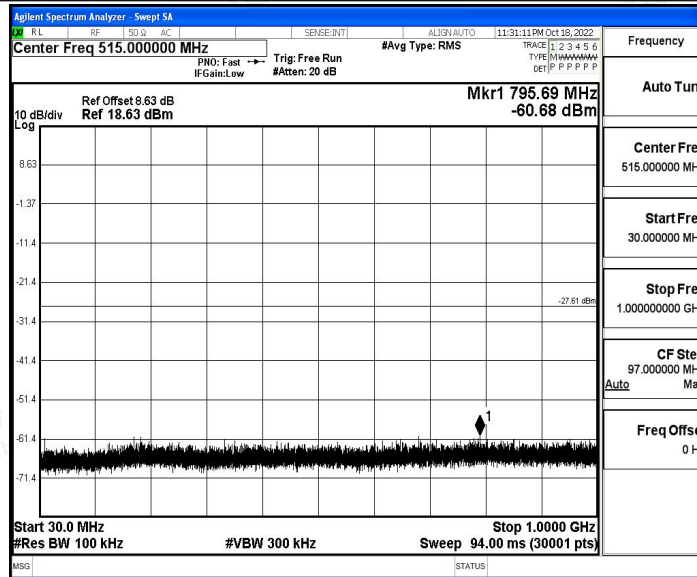


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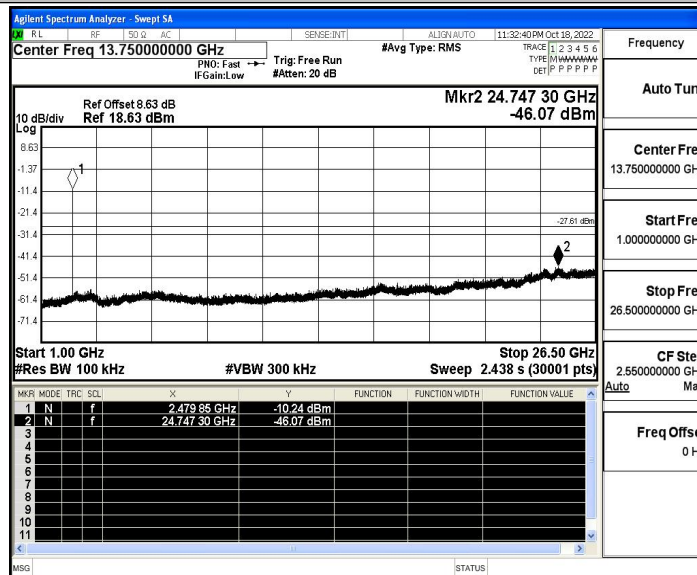
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BLE_2M_Ant1_2480_1000~26500





A.6 Duty Cycle

Test Result

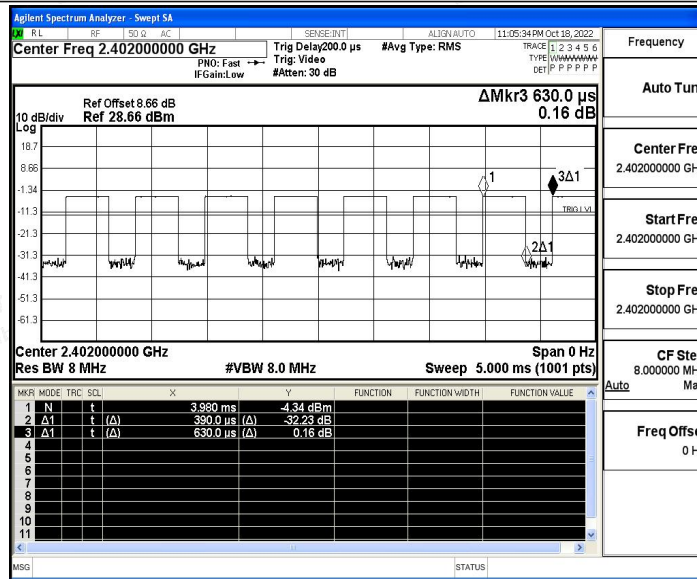
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	1/T	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	0.6190	61.90	2.08	2.56	---	---
		2440	0.39	0.63	0.6190	61.90	2.08	2.56	---	---
		2480	0.39	0.63	0.6190	61.90	2.08	2.56	---	---
BLE_2M	Ant1	2402	0.20	0.63	0.3175	31.75	4.98	5.00	---	---
		2440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



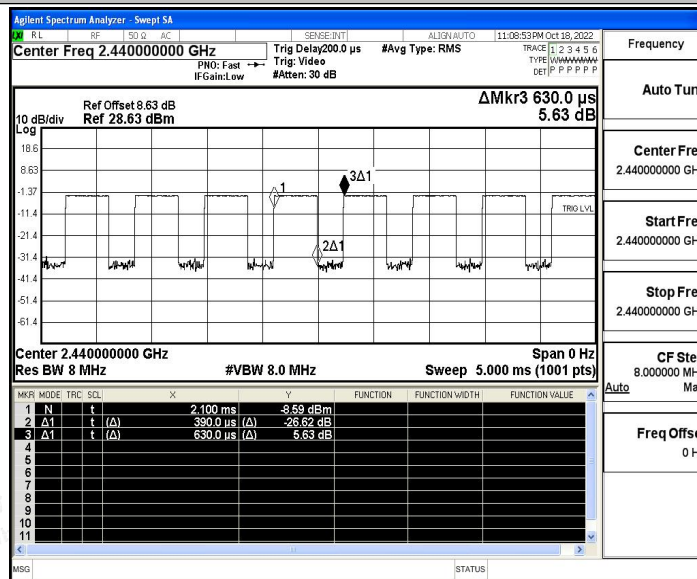


Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

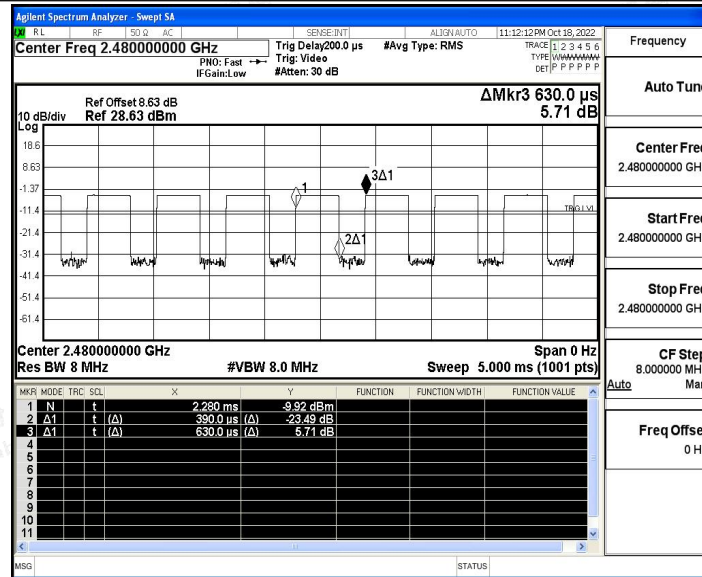


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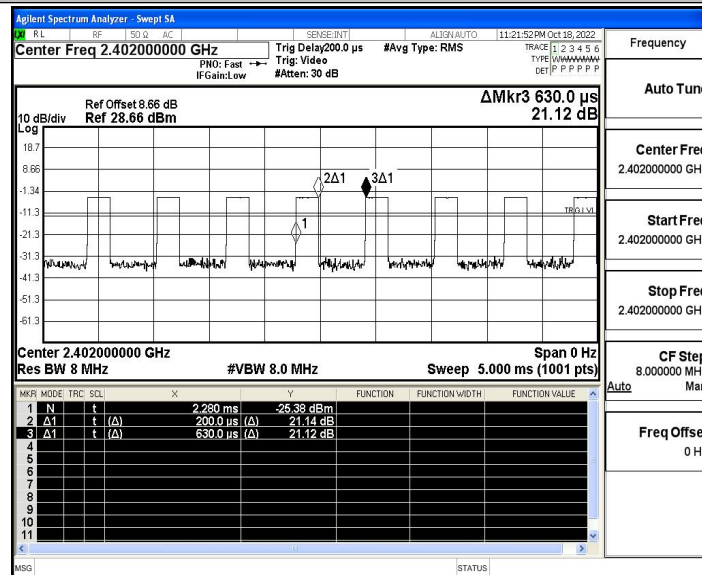
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BLE_2M_Ant1_2402



BLE_2M_Ant1_2440

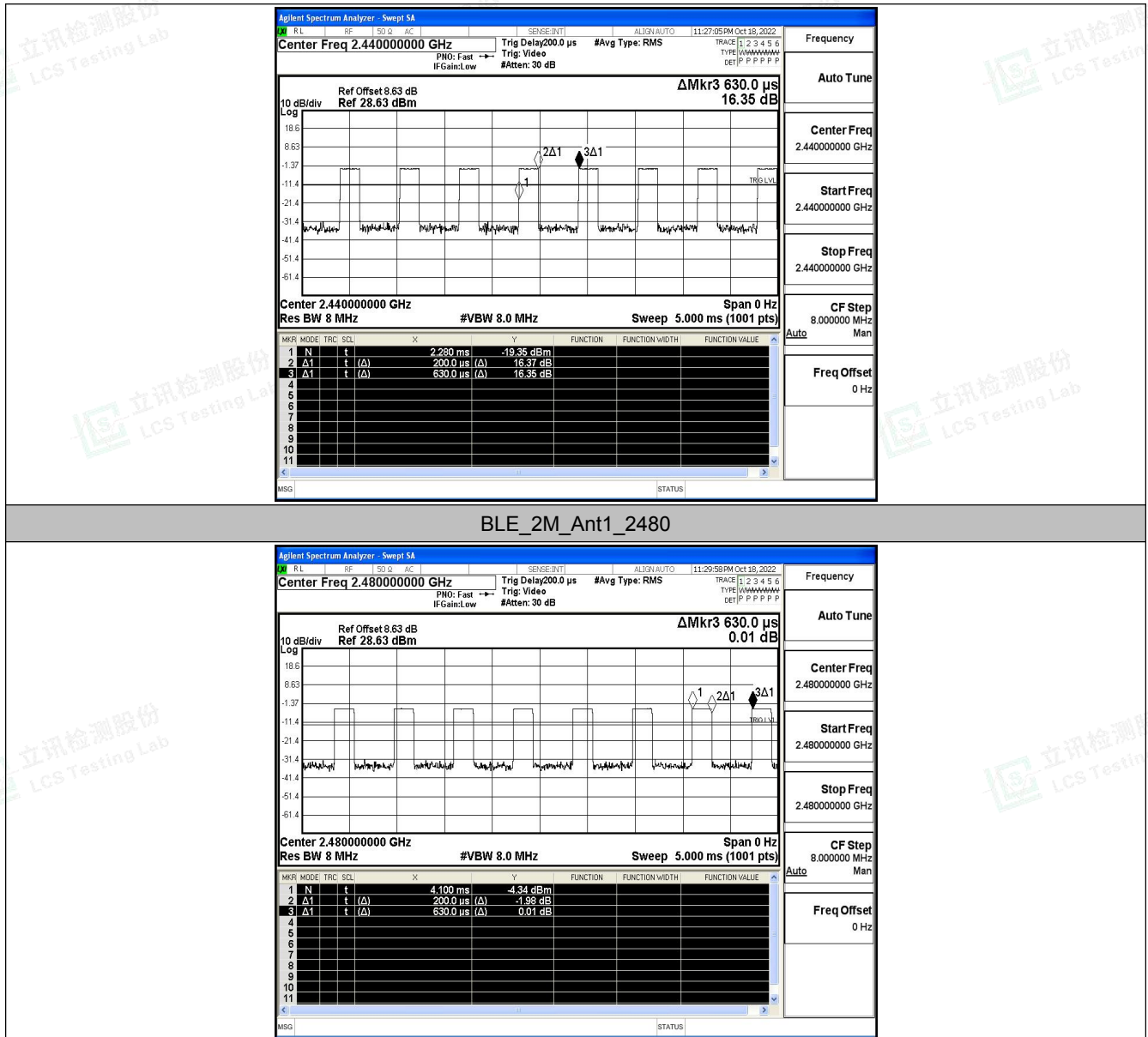


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A.7 Emissions in Restricted Bands

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	-57.46	≤-41.20	37.74	≤54	PASS
				AV	2385.470	-56.31	≤-41.20	38.89	≤54	PASS
				AV	2390.000	-56.91	≤-41.20	38.29	≤54	PASS
				Peak	2310.000	-49.92	≤-21.20	45.28	≤74	PASS
				Peak	2366.675	-47.53	≤-21.20	47.67	≤74	PASS
				Peak	2390.000	-49.87	≤-21.20	45.33	≤74	PASS
		High	2480	AV	2483.500	-55.33	≤-41.20	39.87	≤54	PASS
				AV	2483.520	-55.33	≤-41.20	39.87	≤54	PASS
				AV	2500.000	-56.37	≤-41.20	38.83	≤54	PASS
				Peak	2483.500	-49.49	≤-21.20	45.71	≤74	PASS
				Peak	2498.960	-48	≤-21.20	47.20	≤74	PASS
				Peak	2500.000	-48.78	≤-21.20	46.42	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-57.05	≤-41.20	38.15	≤54	PASS
				AV	2378.540	-56.14	≤-41.20	39.06	≤54	PASS
				AV	2390.000	-56.75	≤-41.20	38.45	≤54	PASS
				Peak	2310.000	-51.07	≤-21.20	44.13	≤74	PASS
				Peak	2389.355	-46.65	≤-21.20	48.55	≤74	PASS
				Peak	2390.000	-51.09	≤-21.20	44.11	≤74	PASS
		High	2480	AV	2483.500	-53.54	≤-41.20	41.66	≤54	PASS
				AV	2483.520	-53.54	≤-41.20	41.66	≤54	PASS
				AV	2500.000	-56.11	≤-41.20	39.09	≤54	PASS
				Peak	2483.500	-49.53	≤-21.20	45.67	≤74	PASS
				Peak	2485.840	-47.05	≤-21.20	48.15	≤74	PASS
				Peak	2500.000	-47.26	≤-21.20	47.94	≤74	PASS

Note:

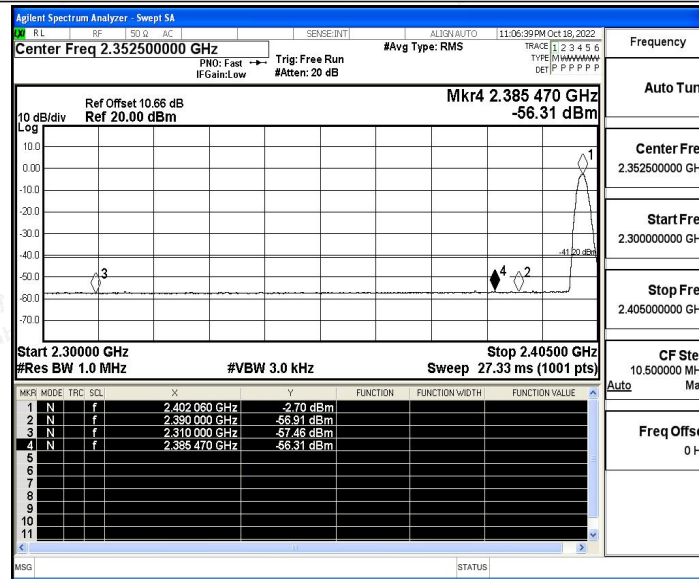
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



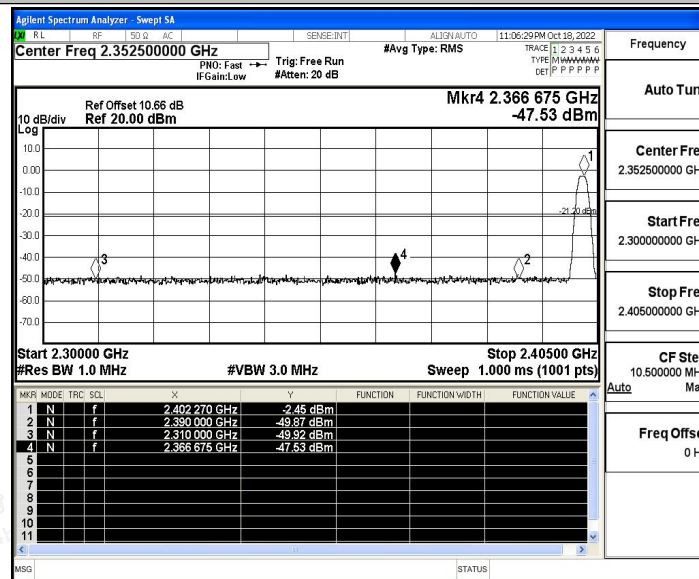


Test Graphs

BLE_1M_Ant1_Low_2402_AV



BLE_1M_Ant1_Low_2402_Peak



BLE_1M_Ant1_High_2480_AV

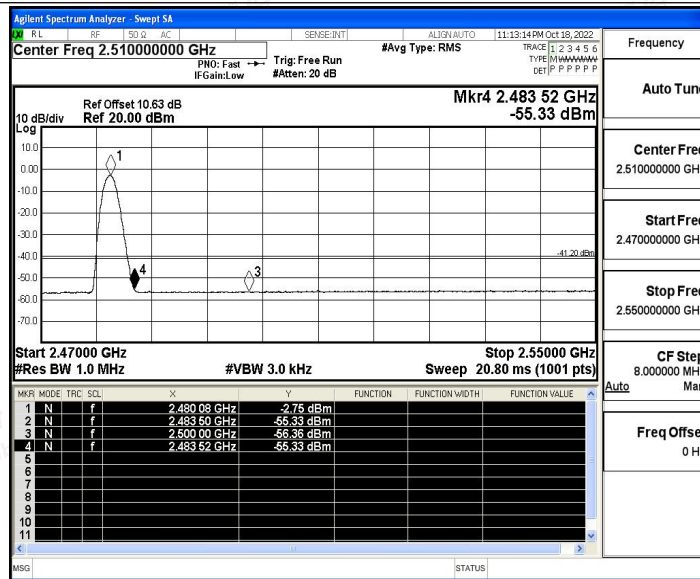


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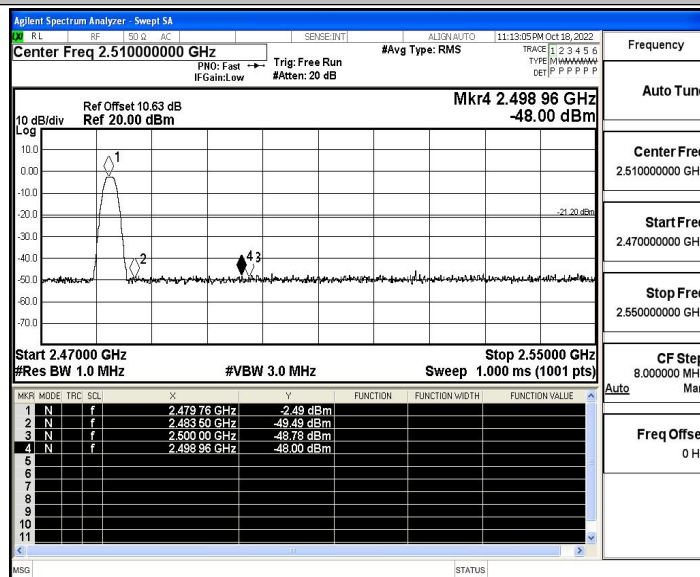
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BLE_1M_Ant1_High_2480_Peak



BLE_2M_Ant1_Low_2402_AV

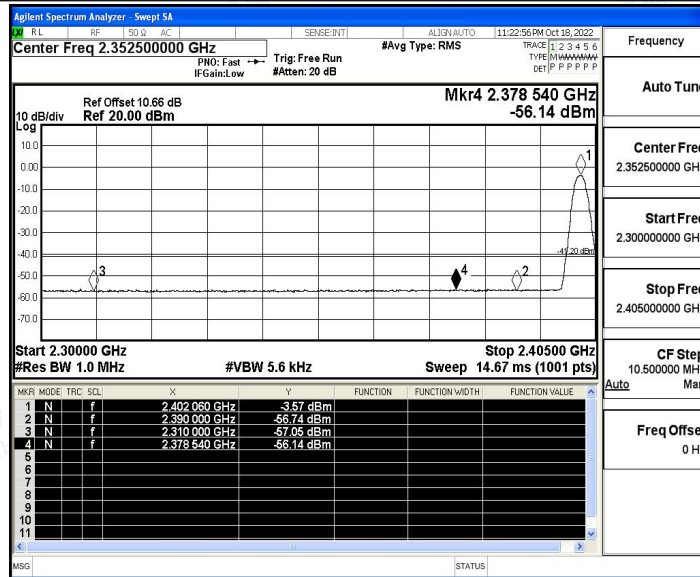


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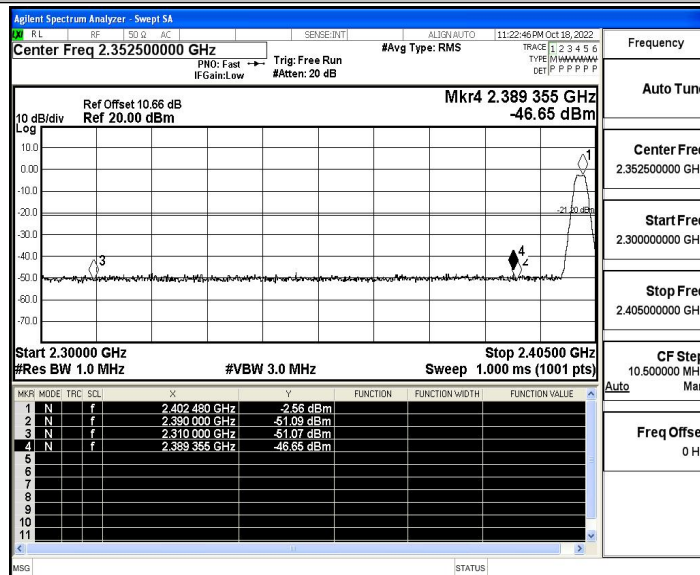
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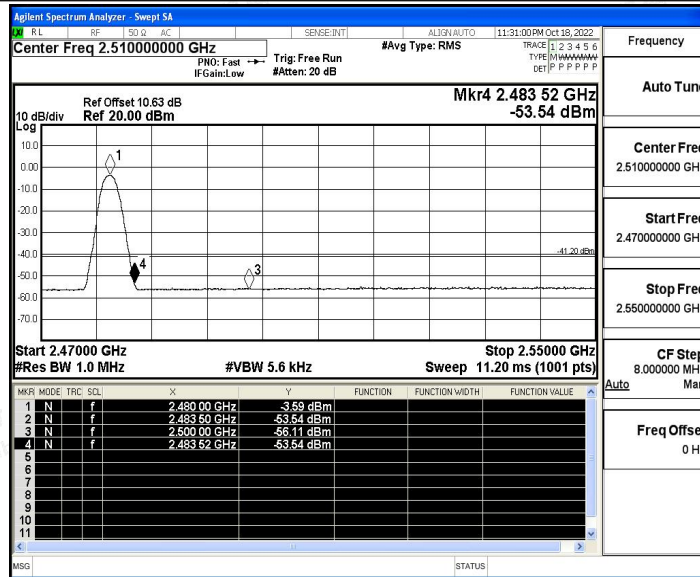


BLE_2M_Ant1_Low_2402_Peak

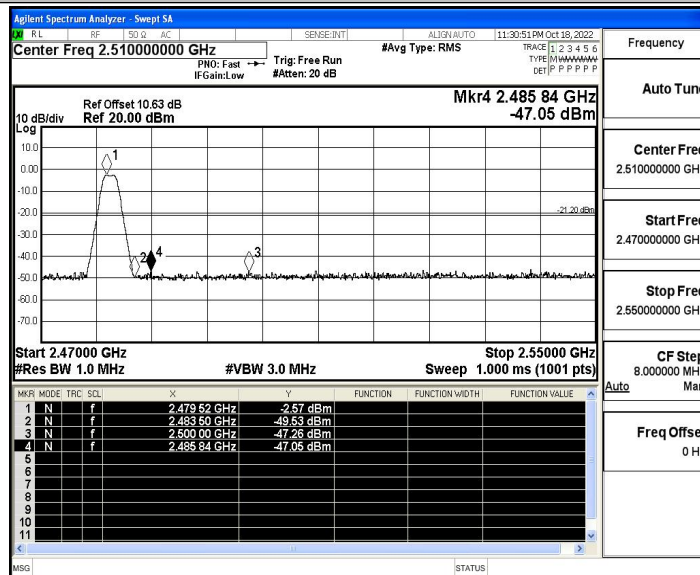


BLE_2M_Ant1_High_2480_AV





BLE_2M_Ant1_High_2480_Peak



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