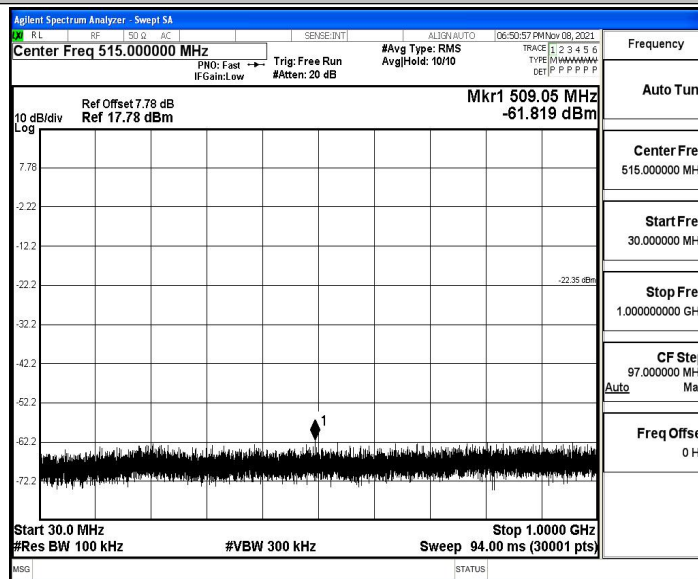
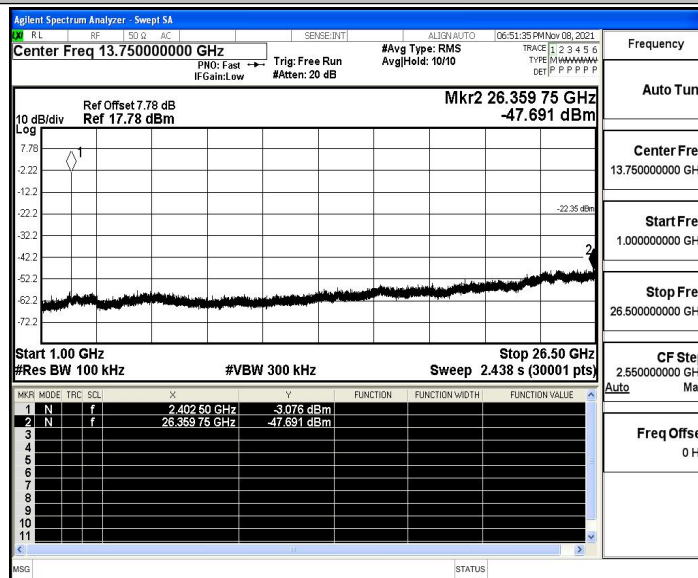




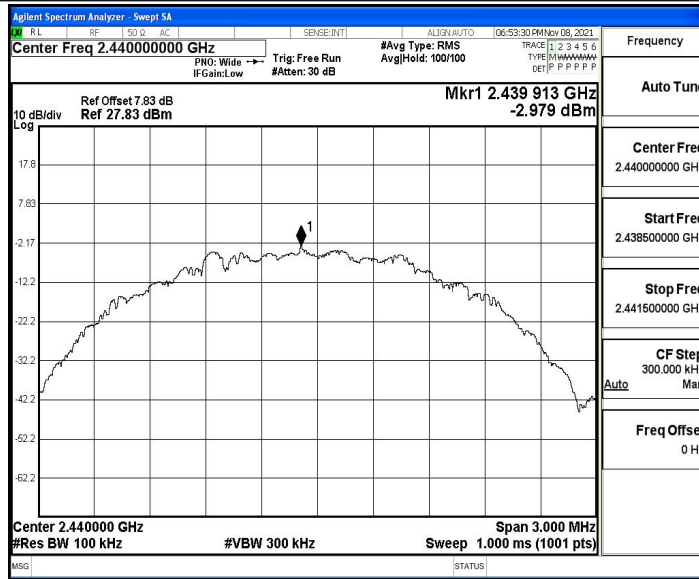
BLE_2M_Ant1_2402_30~1000



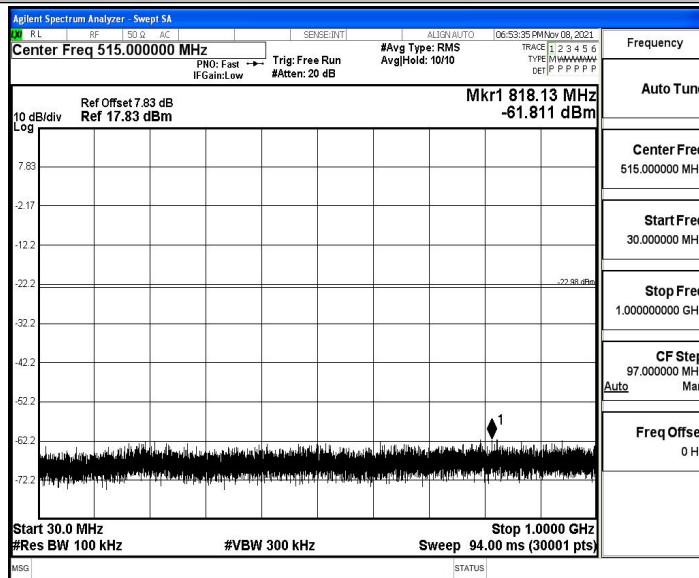
BLE_2M_Ant1_2402_1000~26500



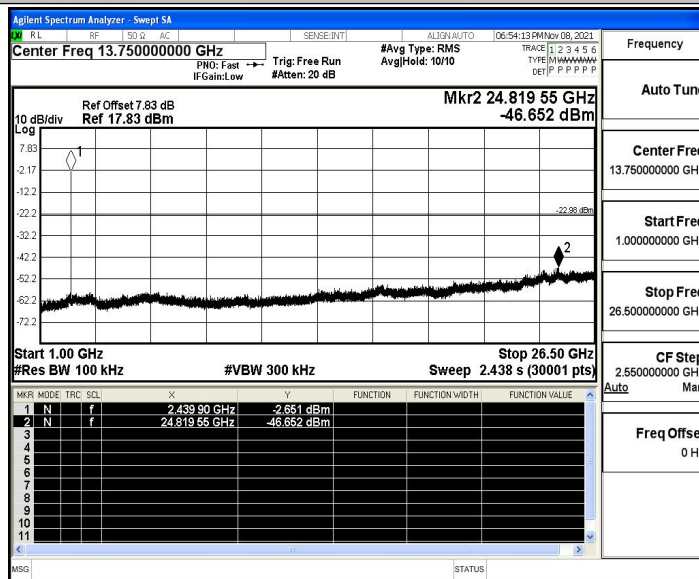
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~100

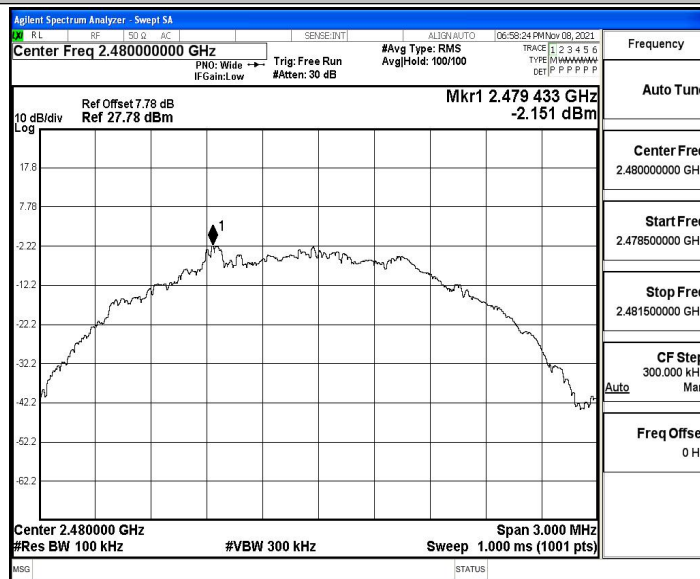


BLE_2M_Ant1_2440_1000~26500

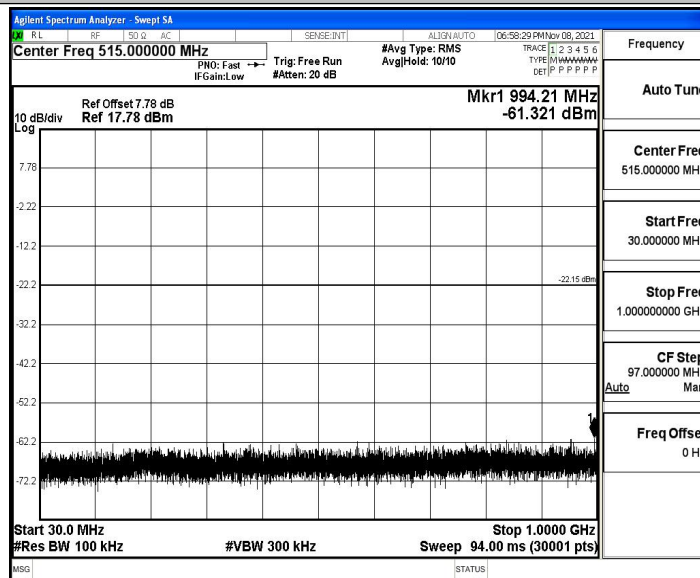




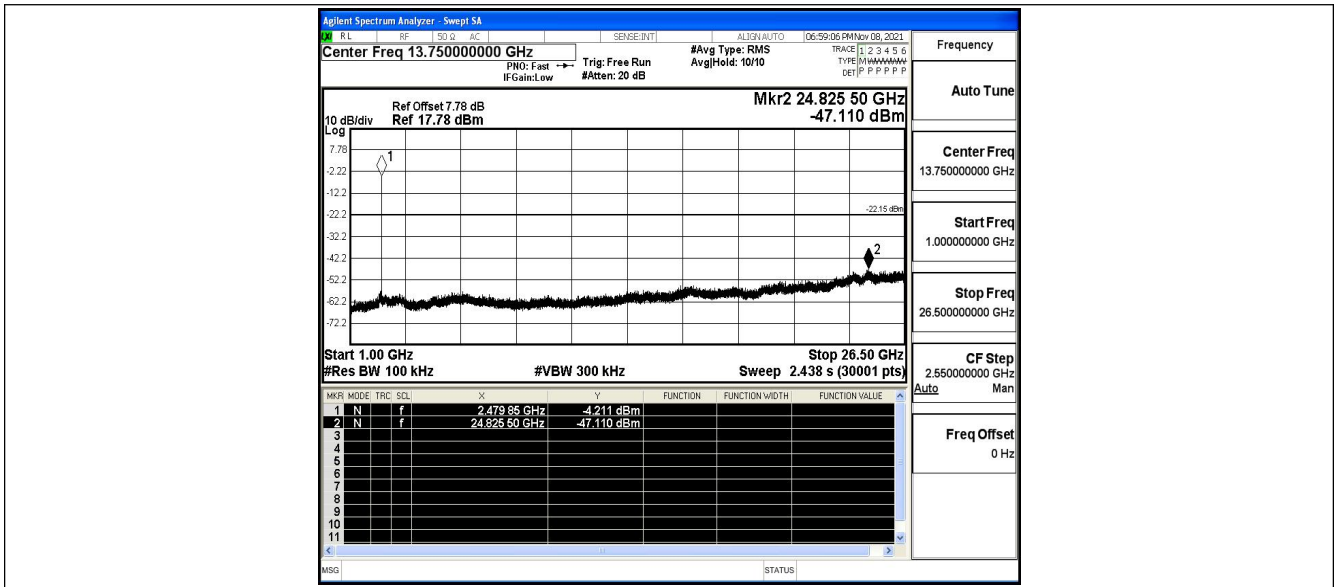
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500





A.6 Duty Cycle

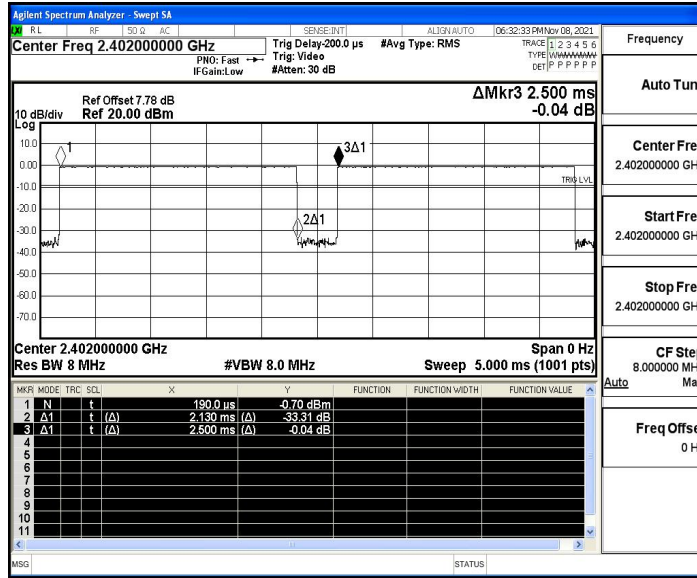
Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	1/T[kHz]
BLE_1M	Ant1	2402	2.13	2.50	0.8520	85.20	0.70	0.47
		2440	2.12	2.50	0.8480	84.80	0.72	0.47
		2480	2.13	2.50	0.8520	85.20	0.70	0.47
BLE_2M	Ant1	2402	1.07	1.25	0.8560	85.60	0.68	0.93
		2440	1.07	1.25	0.8560	85.60	0.68	0.93
		2480	1.07	1.25	0.8560	85.60	0.68	0.93

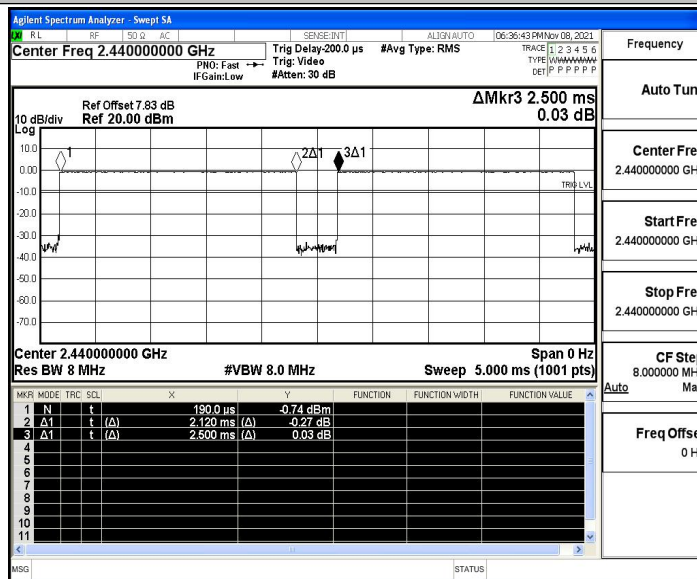


Test Graphs

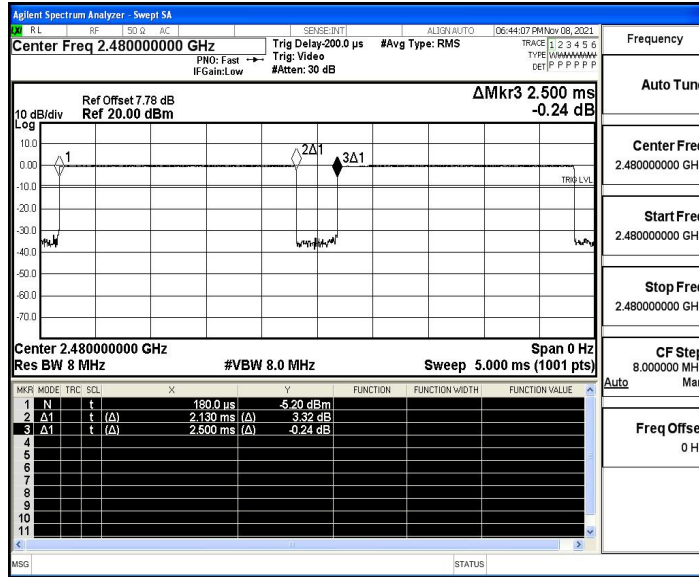
BLE_1M_Ant1_2402



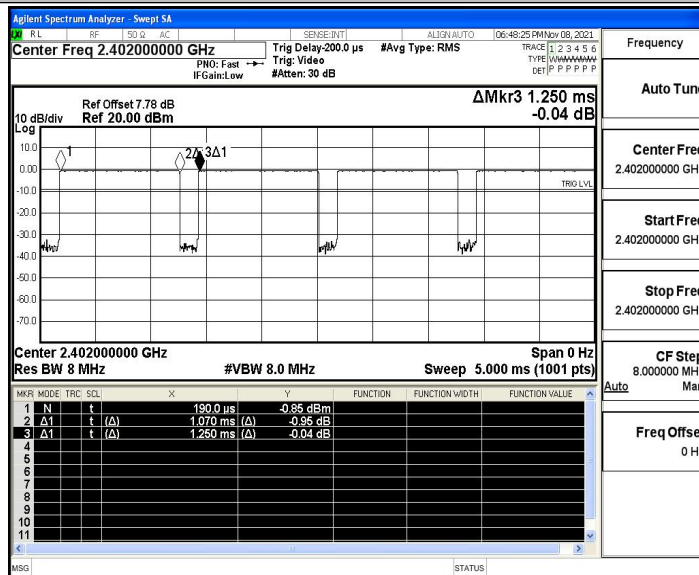
BLE_1M_Ant1_2440



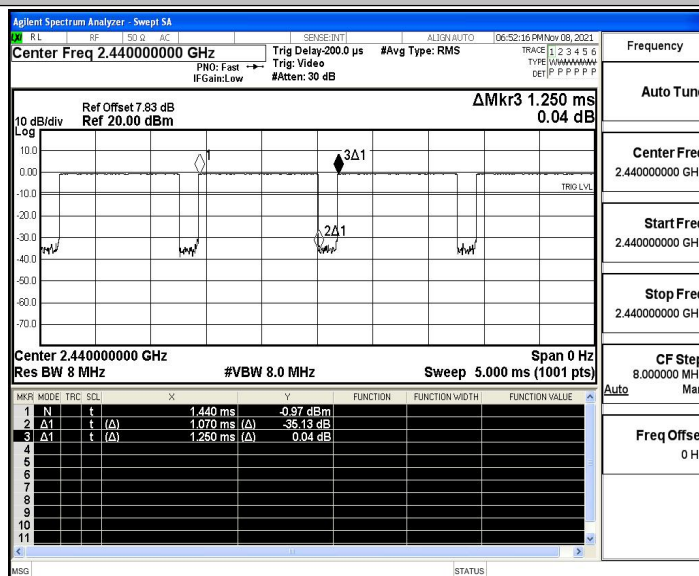
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402

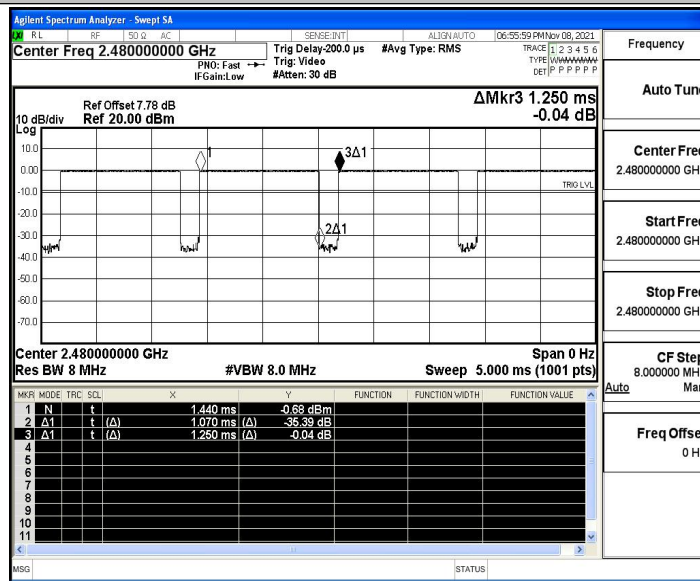


BLE_2M_Ant1_2440





BLE_2M_Ant1_2480





A.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	-48.69	≤-41.20	46.51	≤54	PASS
				AV	2350.505	-47.94	≤-41.20	47.26	≤54	PASS
				AV	2390.000	-48.43	≤-41.20	46.77	≤54	PASS
				Peak	2310.000	-41.75	≤-21.20	53.45	≤74	PASS
				Peak	2369.510	-38.3	≤-21.20	56.90	≤74	PASS
				Peak	2390.000	-40.5	≤-21.20	54.70	≤74	PASS
		High	2480	AV	2483.500	-47.64	≤-41.20	47.56	≤54	PASS
				AV	2483.520	-47.64	≤-41.20	47.56	≤54	PASS
				AV	2500.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2483.500	-41.41	≤-21.20	53.79	≤74	PASS
				Peak	2495.920	-38.17	≤-21.20	57.03	≤74	PASS
				Peak	2500.000	-39.02	≤-21.20	56.18	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-48.36	≤-41.20	46.84	≤54	PASS
				AV	2343.785	-47.88	≤-41.20	47.32	≤54	PASS
				AV	2390.000	-48.22	≤-41.20	46.98	≤54	PASS
				Peak	2310.000	-42.12	≤-21.20	53.08	≤74	PASS
				Peak	2311.235	-37.12	≤-21.20	58.08	≤74	PASS
				Peak	2390.000	-41.3	≤-21.20	53.90	≤74	PASS
		High	2480	AV	2483.500	-46.79	≤-41.20	48.41	≤54	PASS
				AV	2483.520	-46.79	≤-41.20	48.41	≤54	PASS
				AV	2500.000	-47.75	≤-41.20	47.45	≤54	PASS
				Peak	2483.500	-40.65	≤-21.20	54.55	≤74	PASS
				Peak	2484.240	-38.21	≤-21.20	56.99	≤74	PASS
				Peak	2500.000	-41.39	≤-21.20	53.81	≤74	PASS

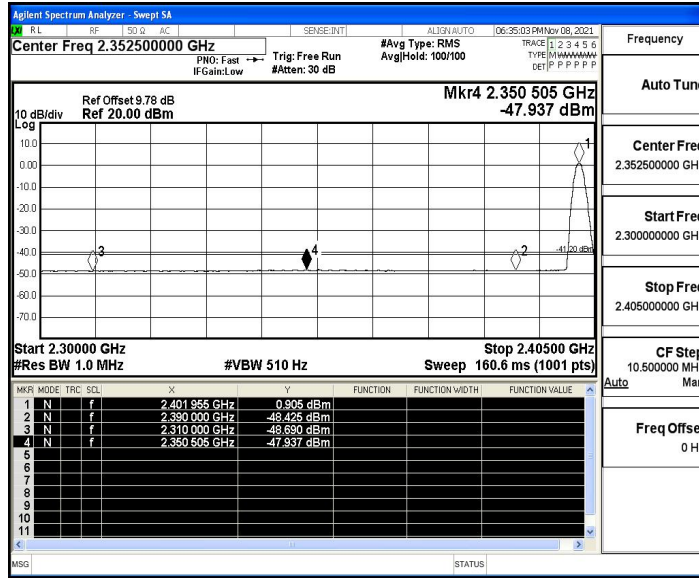
Note:

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.

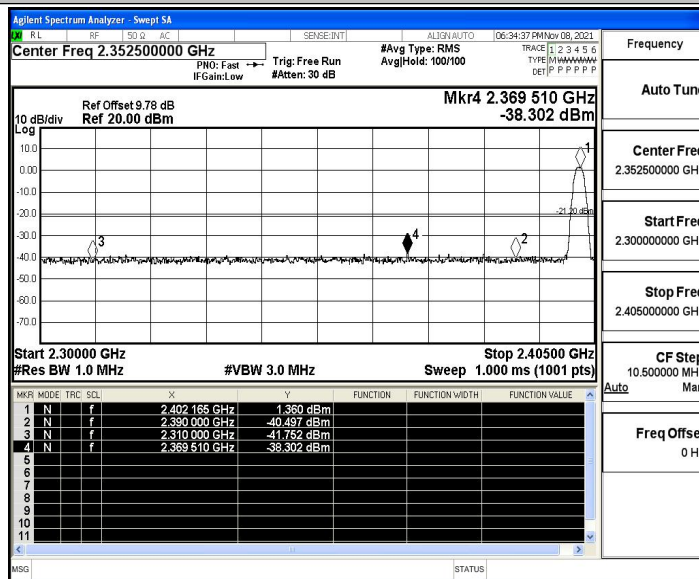


Test Graphs

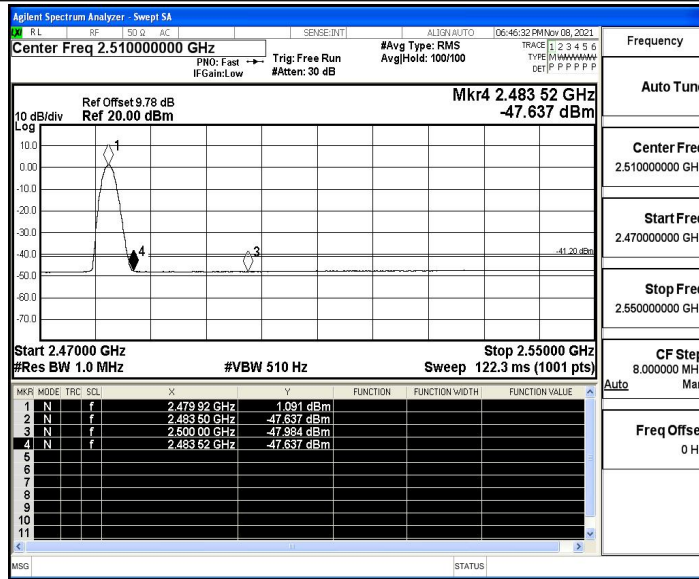
BLE_1M_Ant1_Low_2402_AV



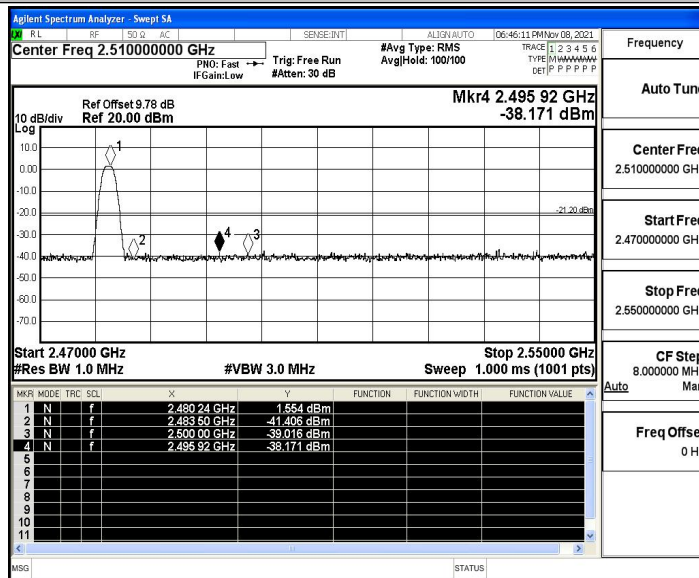
BLE_1M_Ant1_Low_2402_Peak



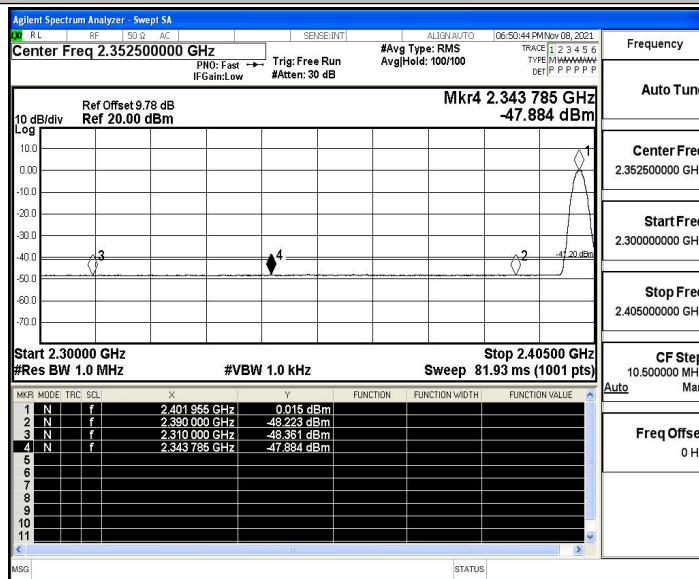
BLE_1M_Ant1_High_2480_AV



BLE_1M_Ant1_High_2480_Peak

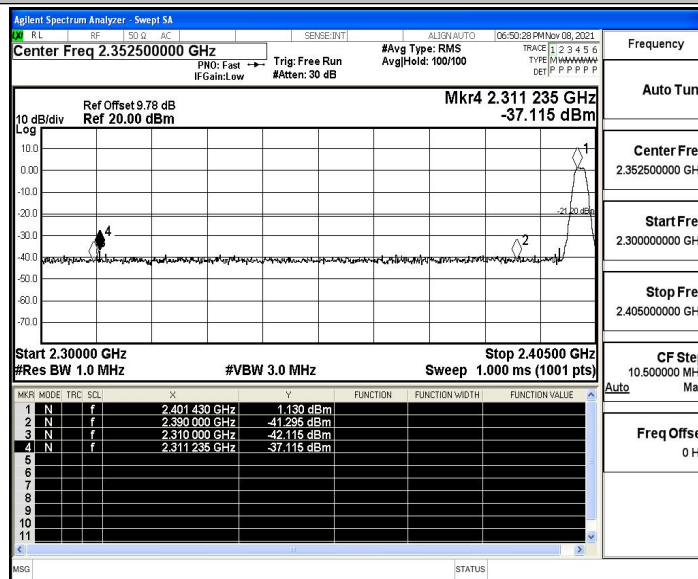


BLE_2M_Ant1_Low_2402_AV

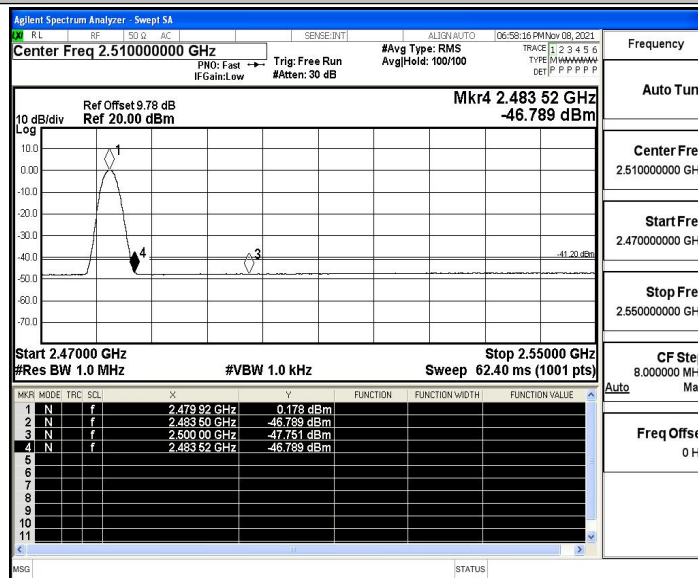




BLE_2M_Ant1_Low_2402_Peak



BLE_2M_Ant1_High_2480_AV



BLE_2M_Ant1_High_2480_Peak

