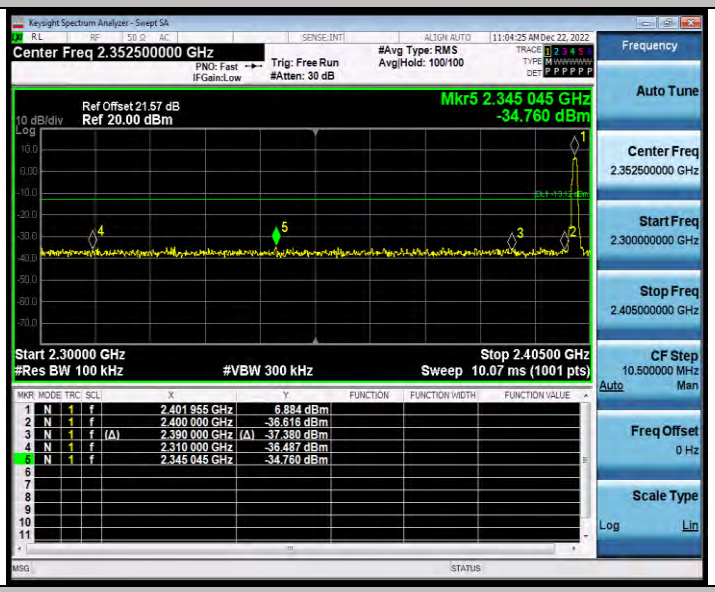
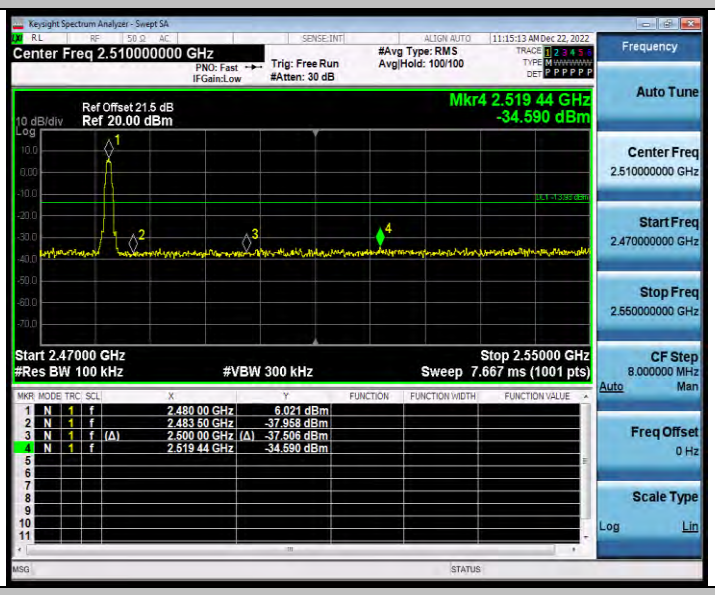
TEST GRAPHS

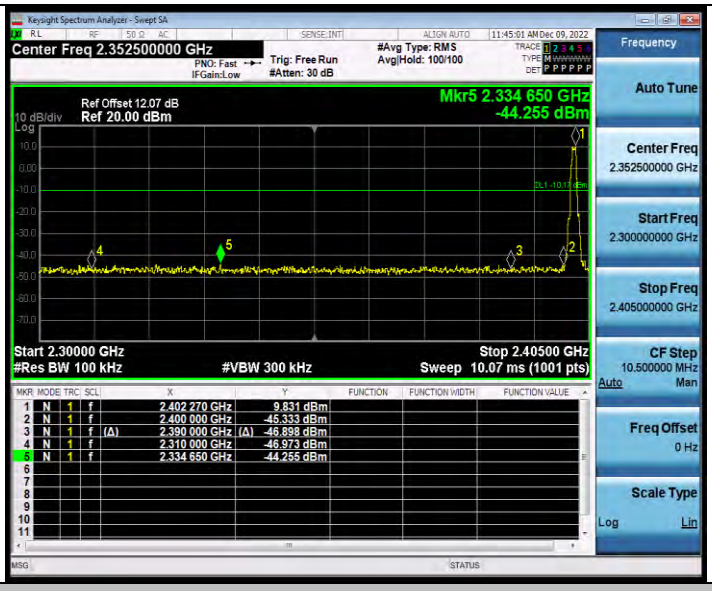
BLE_125K_Ant1_Low_2402



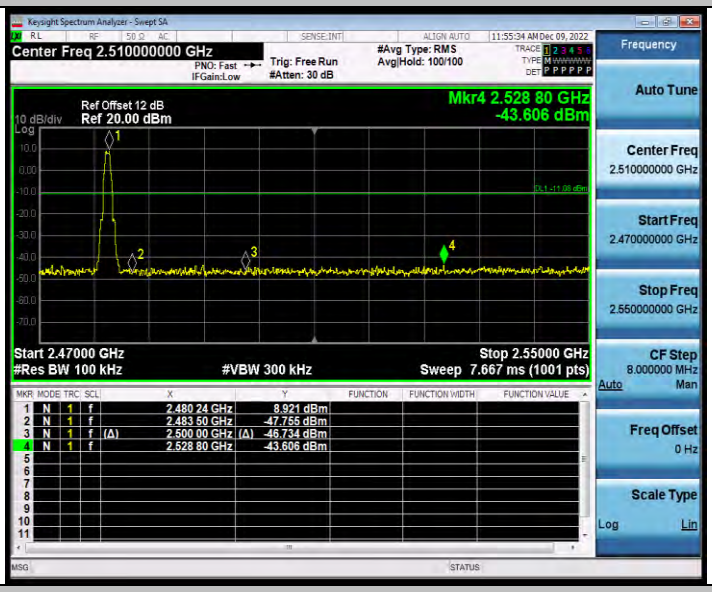
BLE_125K_Ant1_High_2480



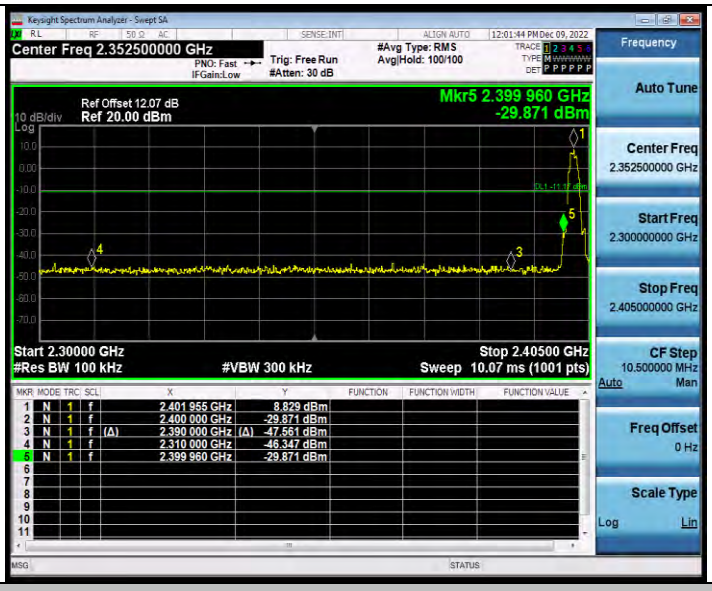
BLE_1M_Ant1_Low_2402



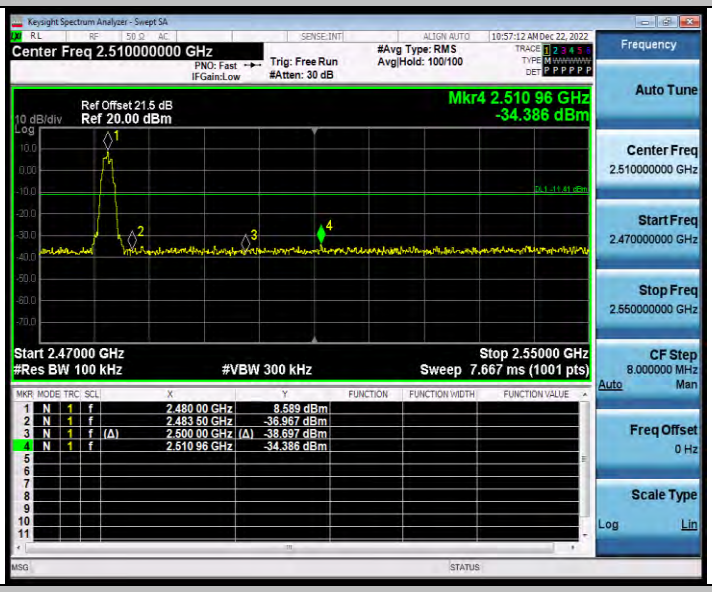
BLE_1M_Ant1_High_2480



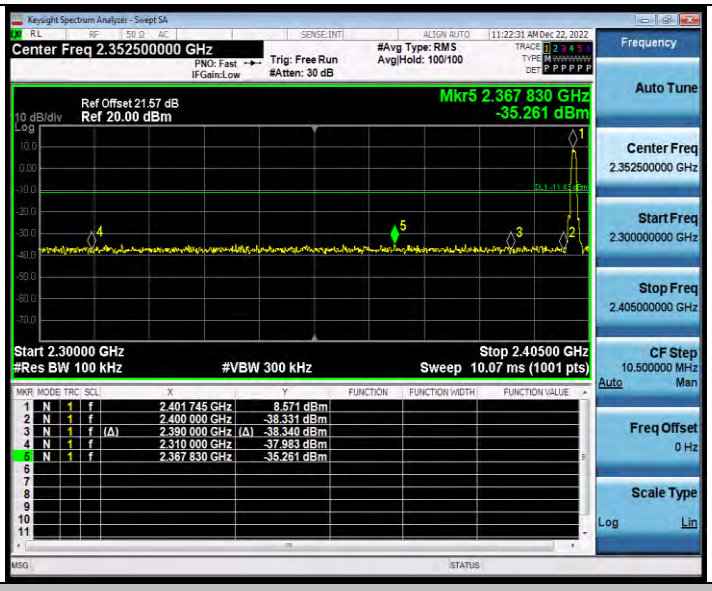
BLE_2M_Ant1_Low_2402



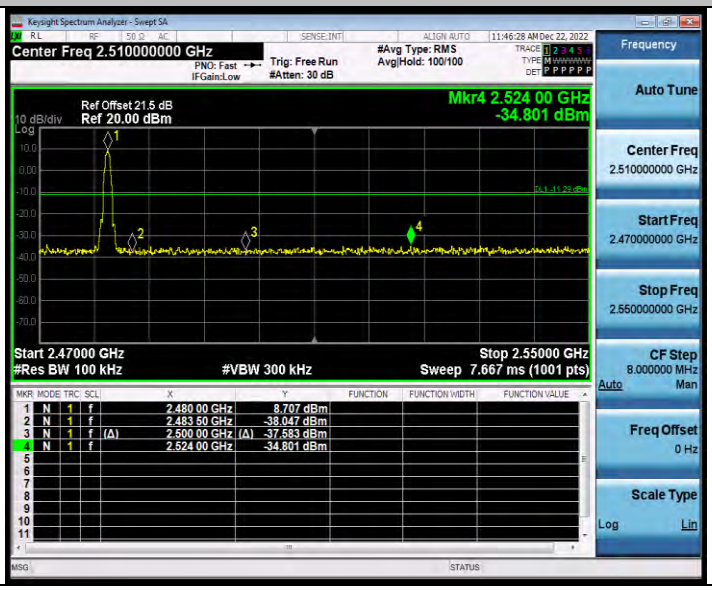
BLE_2M_Ant1_High_2480



BLE_500K_Ant1_Low_2402



BLE_500K_Ant1_High_2480



CONDUCTED SPURIOUS EMISSION

TEST RESULT

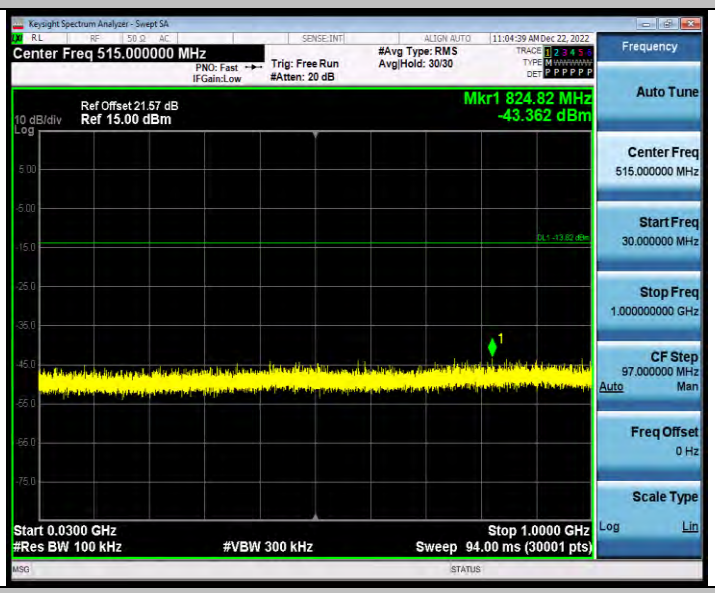
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_125K	Ant1	2402	Reference	6.18	6.18	---	PASS
			30~1000	6.18	-43.36	≤-13.82	PASS
			1000~26500	6.18	-23.66	≤-13.82	PASS
		2440	Reference	6.74	6.74	---	PASS
			30~1000	6.74	-43.77	≤-13.26	PASS
			1000~26500	6.74	-24.72	≤-13.26	PASS
		2480	Reference	6.00	6.00	---	PASS
			30~1000	6.00	-43.72	≤-14	PASS
			1000~26500	6.00	-24.46	≤-14	PASS
BLE_1M	Ant1	2402	Reference	9.02	9.02	---	PASS
			30~1000	9.02	-53.59	≤-10.98	PASS
			1000~26500	9.02	-33.42	≤-10.98	PASS
		2440	Reference	7.58	7.58	---	PASS
			30~1000	7.58	-53.37	≤-12.42	PASS
			1000~26500	7.58	-33.88	≤-12.42	PASS
		2480	Reference	7.86	7.86	---	PASS
			30~1000	7.86	-52.44	≤-12.14	PASS
			1000~26500	7.86	-34.09	≤-12.14	PASS
BLE_2M	Ant1	2402	Reference	9.01	9.01	---	PASS
			30~1000	9.01	-52.76	≤-10.99	PASS
			1000~26500	9.01	-33.56	≤-10.99	PASS
		2440	Reference	5.32	5.32	---	PASS
			30~1000	5.32	-43.46	≤-14.68	PASS
			1000~26500	5.32	-24.65	≤-14.68	PASS
		2480	Reference	5.16	5.16	---	PASS
			30~1000	5.16	-43.4	≤-14.84	PASS
			1000~26500	5.16	-24.78	≤-14.84	PASS
BLE_500K	Ant1	2402	Reference	8.95	8.95	---	PASS
			30~1000	8.95	-42.99	≤-11.05	PASS

			1000~26500	8.95	-24.37	≤-11.05	PASS
		2440	Reference	7.73	7.73	---	PASS
			30~1000	7.73	-43.93	≤-12.27	PASS
			1000~26500	7.73	-24.32	≤-12.27	PASS
		2480	Reference	8.63	8.63	---	PASS
			30~1000	8.63	-43.62	≤-11.37	PASS
			1000~26500	8.63	-24.26	≤-11.37	PASS

TEST GRAPHS

BLE_125K_Ant1_2402_0~Reference

BLE_125K_Ant1_2402_30~1000



BLE_125K_Ant1_2402_1000~26500

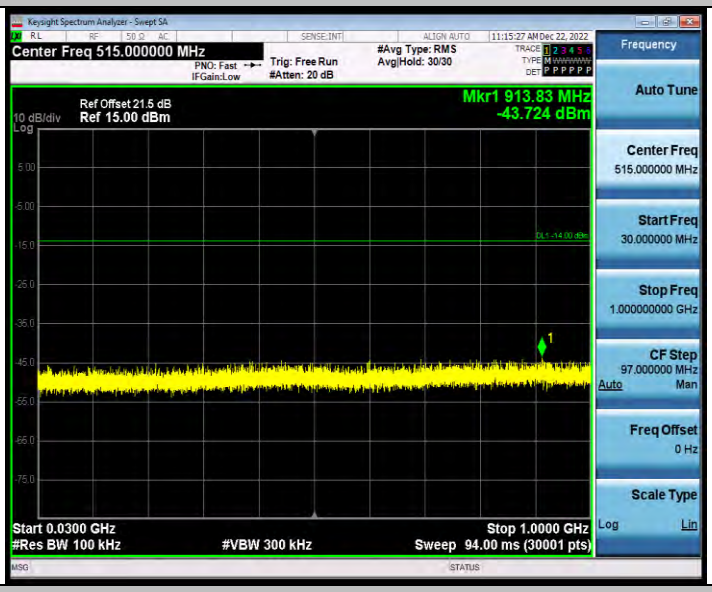
BLE_125K_Ant1_2440_0~Reference

BLE_125K_Ant1_2440_30~1000

BLE_125K_Ant1_2440_1000~26500

BLE_125K_Ant1_2480_0~Reference

BLE_125K_Ant1_2480_30~1000



BLE_125K_Ant1_2480_1000~26500

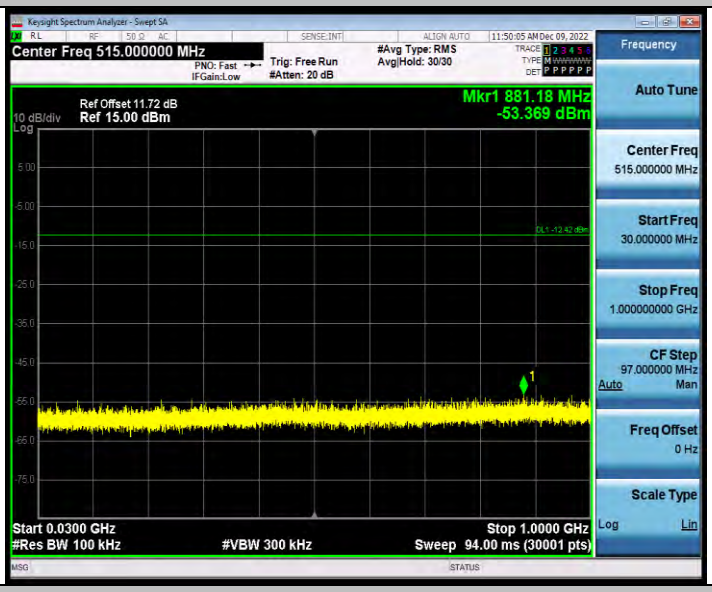
BLE_1M_Ant1_2402_0~Reference

BLE_1M_Ant1_2402_30~1000

BLE_1M_Ant1_2402_1000~26500

BLE_1M_Ant1_2440_0~Reference

BLE_1M_Ant1_2440_30~1000

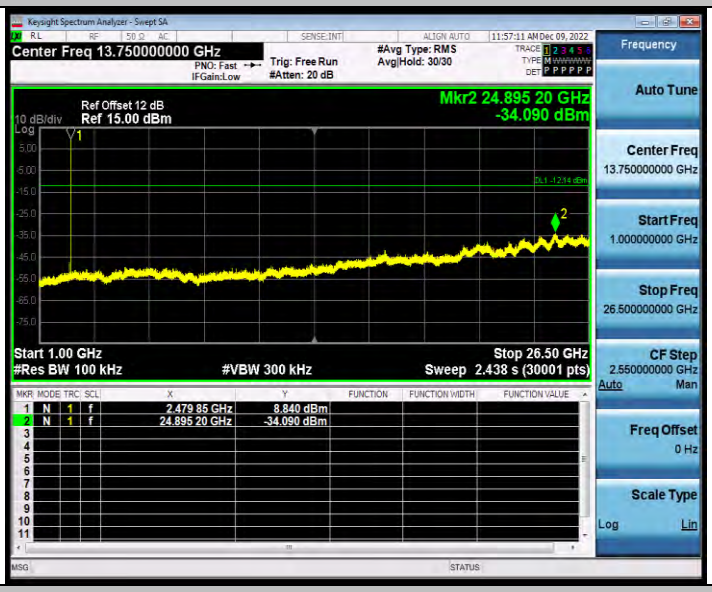


BLE_1M_Ant1_2440_1000~26500

BLE_1M_Ant1_2480_0~Reference

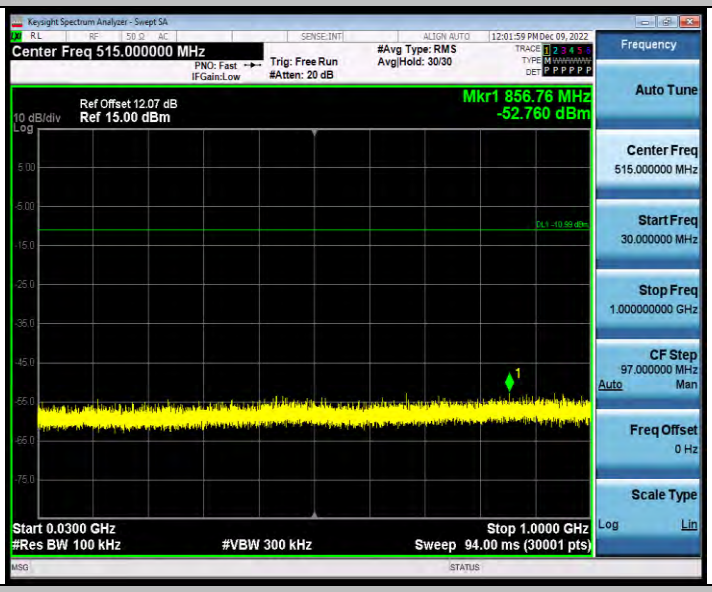
BLE_1M_Ant1_2480_30~1000

BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference

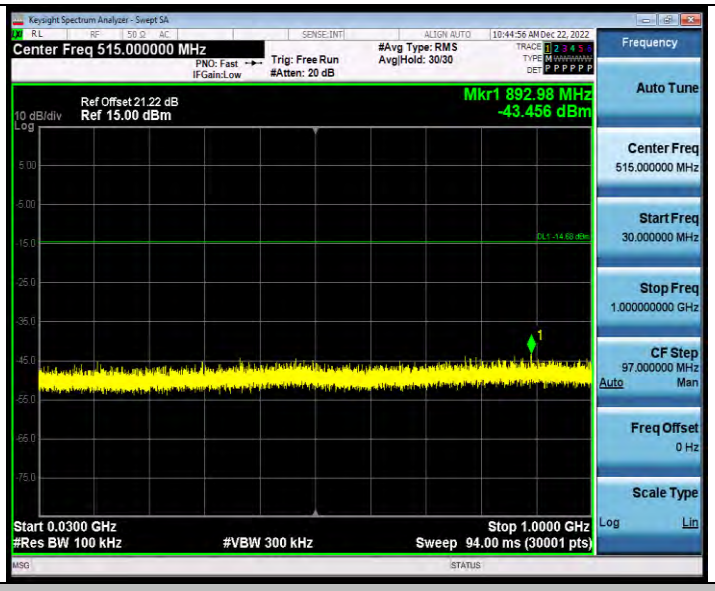
BLE_2M_Ant1_2402_30~1000



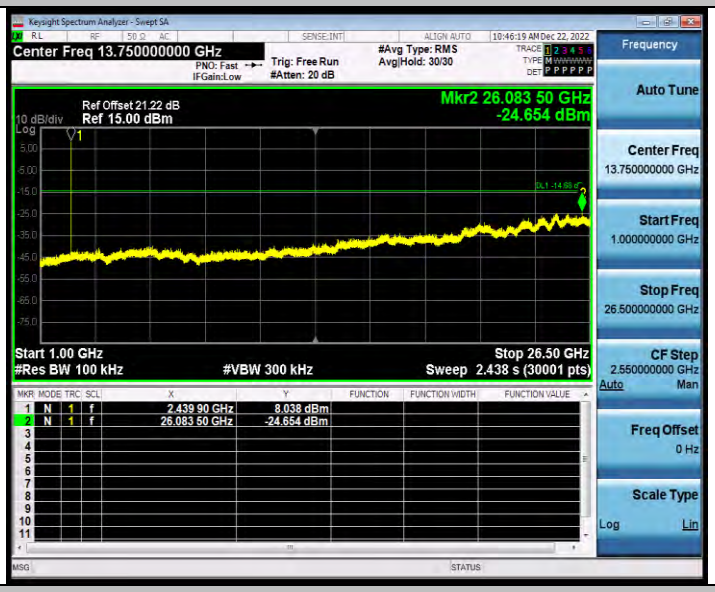
BLE_2M_Ant1_2402_1000~26500

BLE_2M_Ant1_2440_0~Reference

BLE_2M_Ant1_2440_30~1000

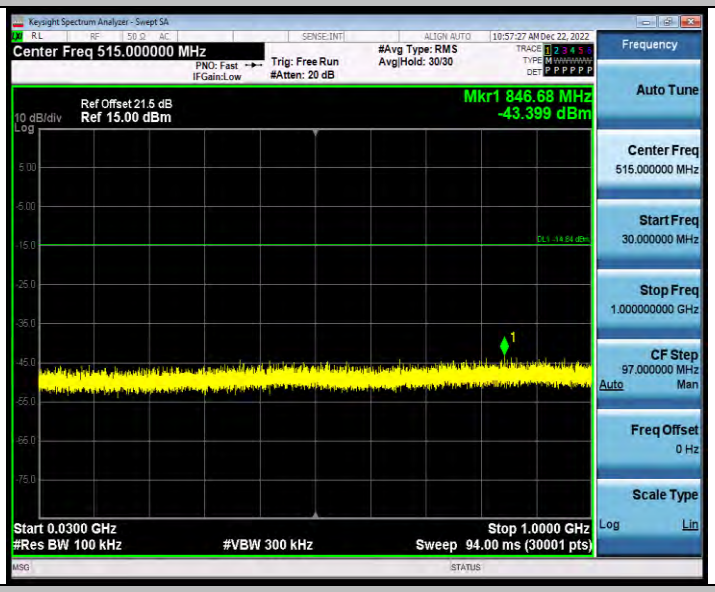


BLE_2M_Ant1_2440_1000~26500

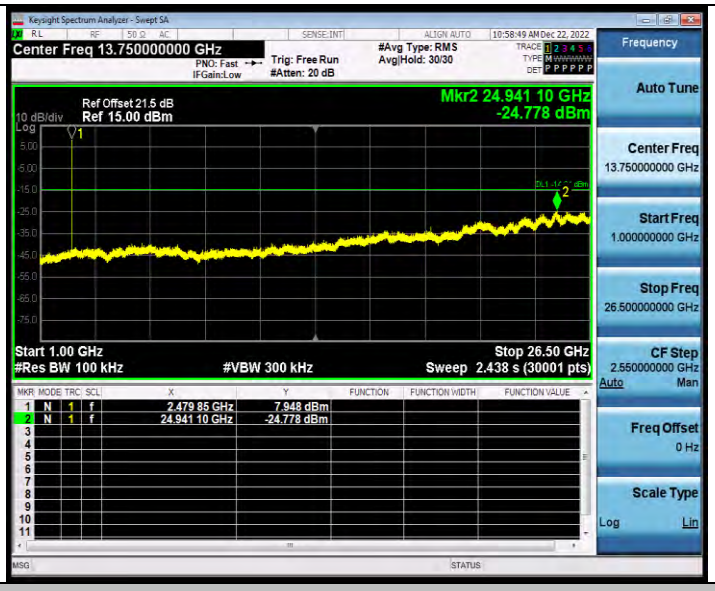


BLE_2M_Ant1_2480_0~Reference

BLE_2M_Ant1_2480_30~1000

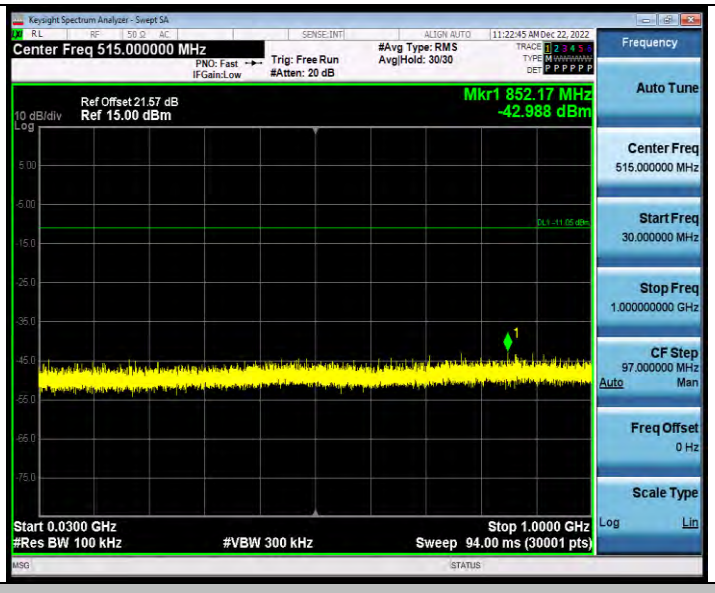


BLE_2M_Ant1_2480_1000~26500



BLE_500K_Ant1_2402_0~Reference

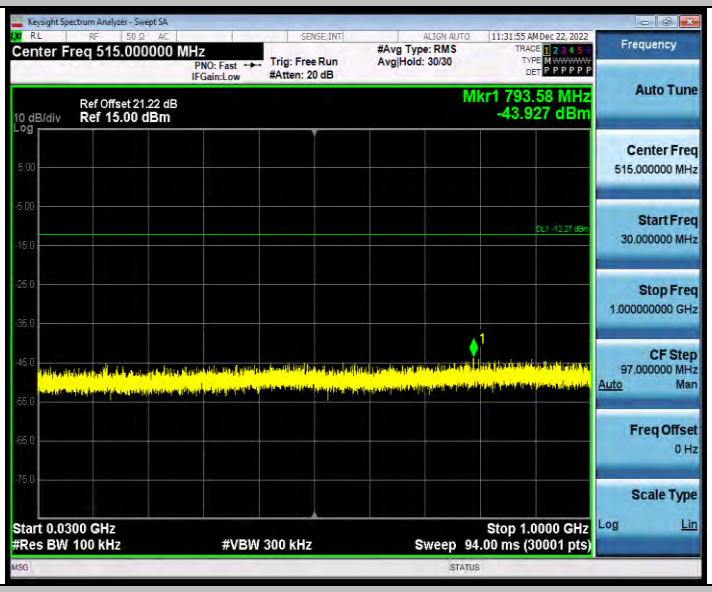
BLE_500K_Ant1_2402_30~1000



BLE_500K_Ant1_2402_1000~26500

BLE_500K_Ant1_2440_0~Reference

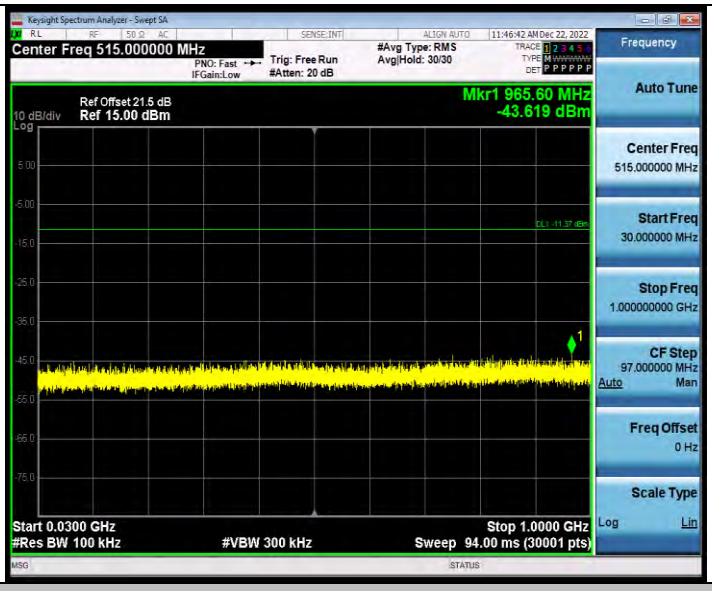
BLE_500K_Ant1_2440_30~1000



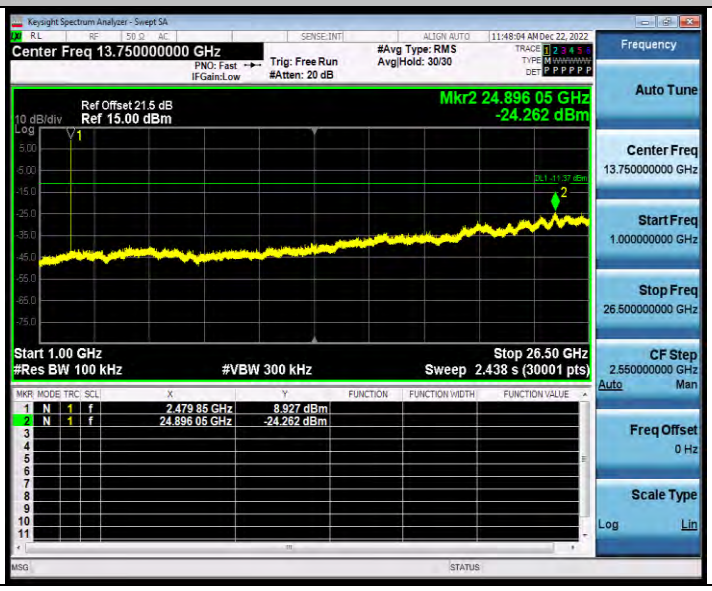
BLE_500K_Ant1_2440_1000~26500

BLE_500K_Ant1_2480_0~Reference

BLE_500K_Ant1_2480_30~1000



BLE_500K_Ant1_2480_1000~26500



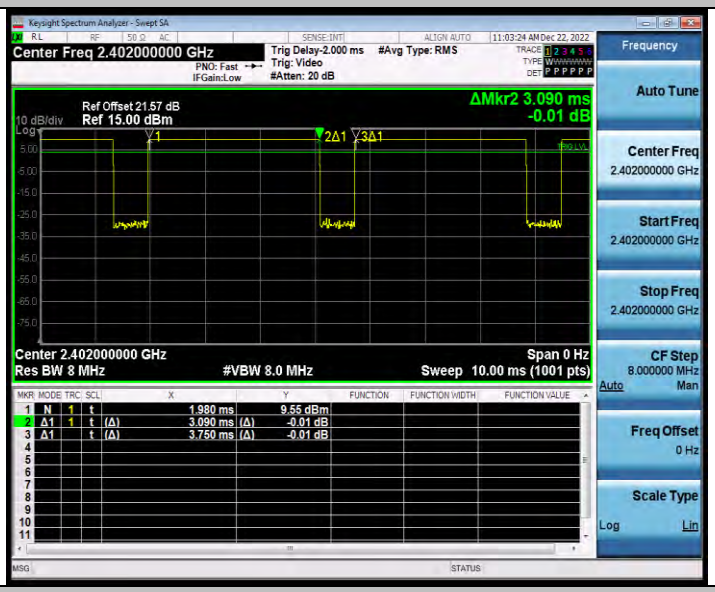
DUTY CYCLE

TEST RESULT

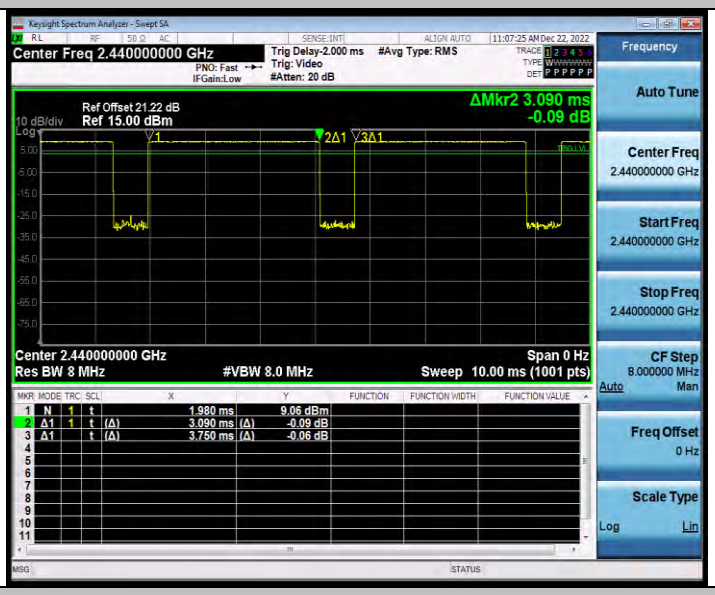
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_125K	Ant1	2402	3.10	3.75	82.67	0.83
		2440	3.10	3.75	82.67	0.83
		2480	3.11	3.75	82.93	0.81
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
		2440	0.39	0.63	61.90	2.08
		2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
		2440	0.21	0.63	33.33	4.77
		2480	0.21	0.63	33.33	4.77
BLE_500K	Ant1	2402	1.07	1.87	57.22	2.42
		2440	1.08	1.88	57.45	2.41
		2480	1.07	1.87	57.22	2.42

TEST GRAPHS

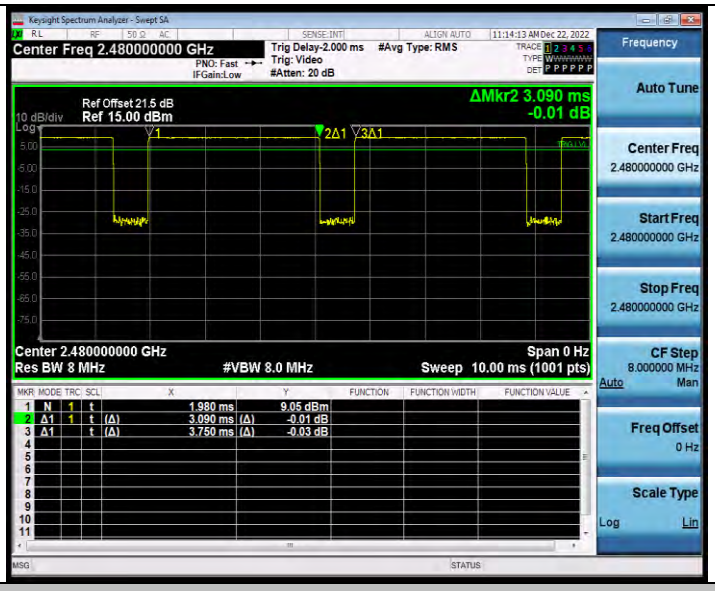
BLE_125K_Ant1_2402



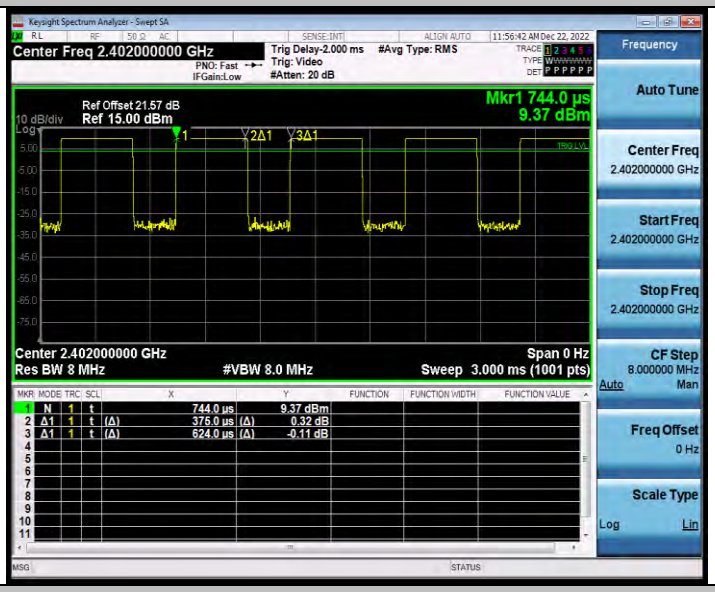
BLE_125K_Ant1_2440



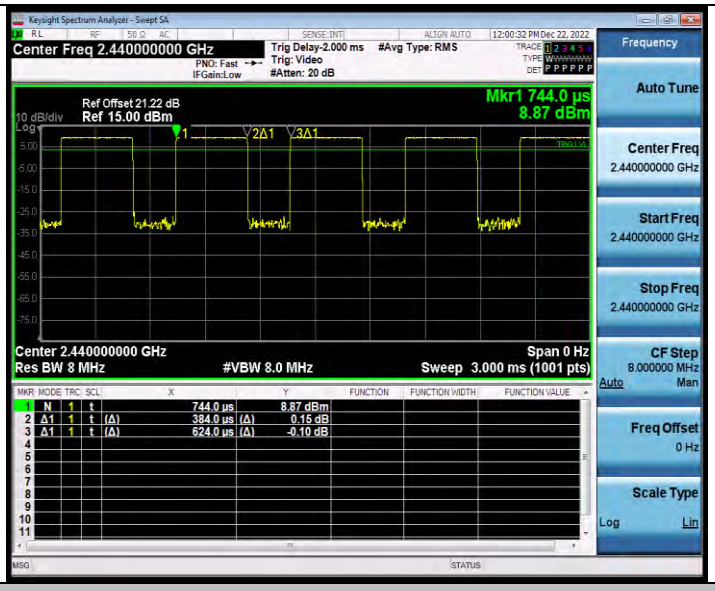
BLE_125K_Ant1_2480



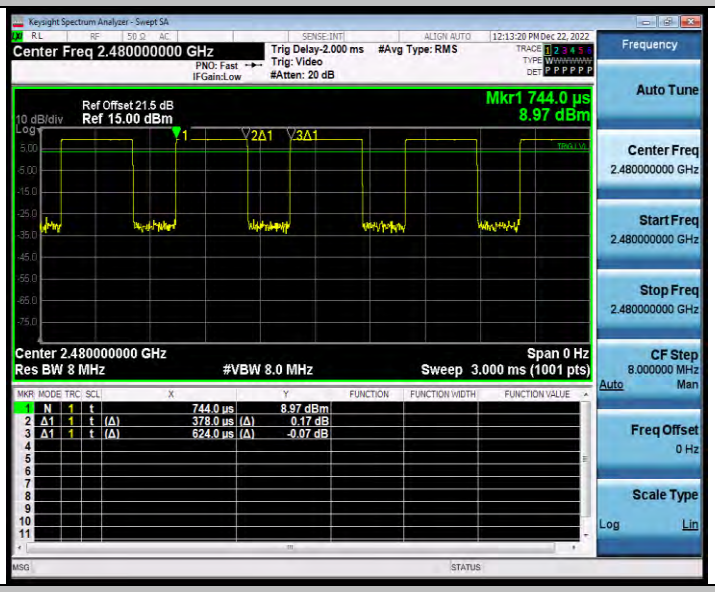
BLE_1M_Ant1_2402



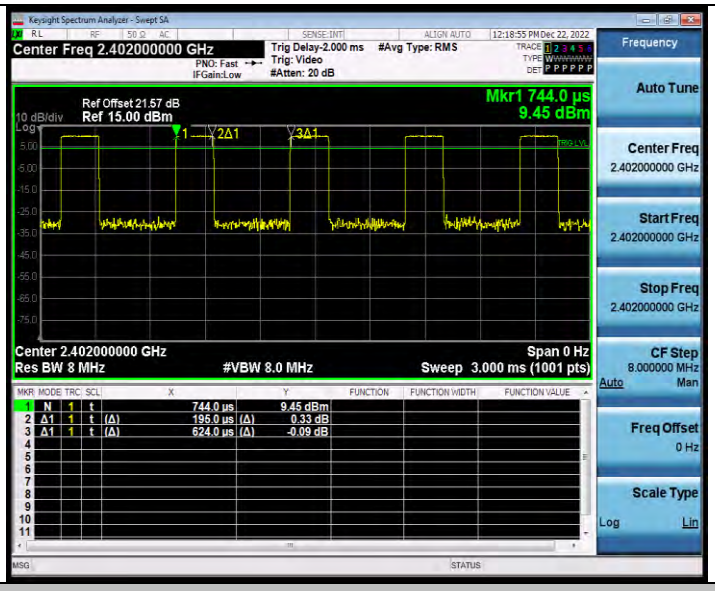
BLE_1M_Ant1_2440



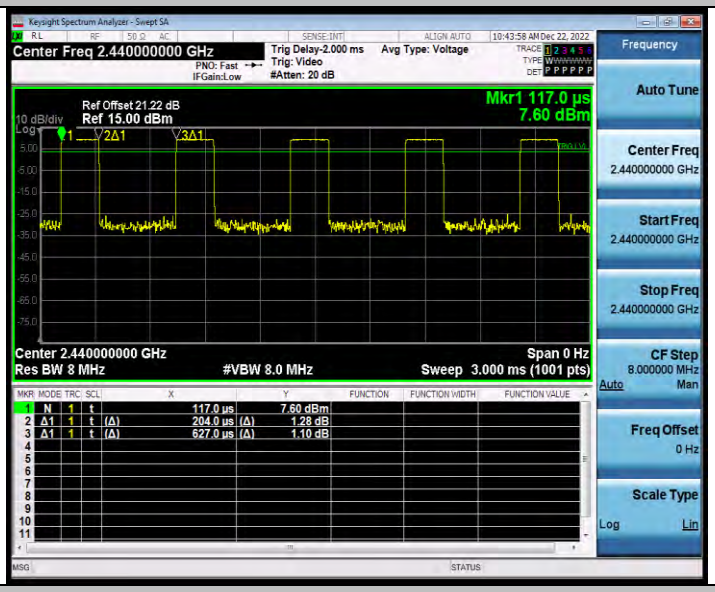
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480