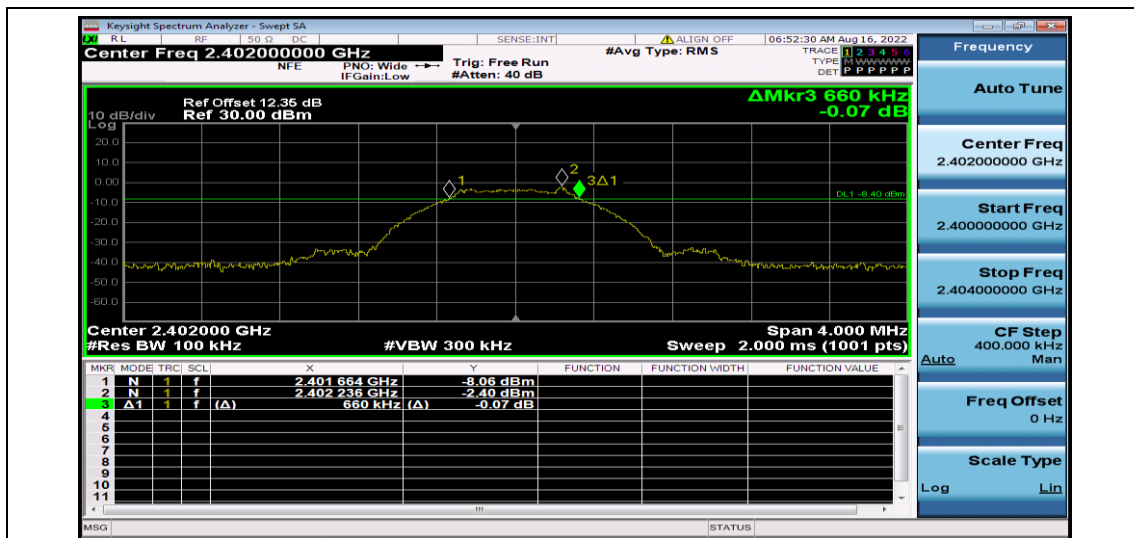


Appendix A: DTS Bandwidth

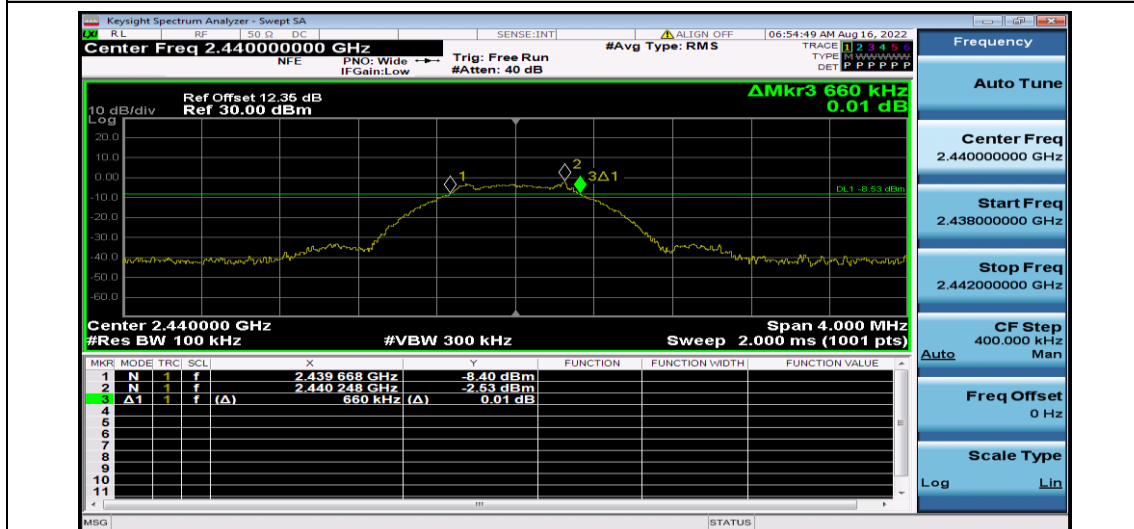
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.664	2402.324	0.5	PASS
		2440	0.660	2439.668	2440.328	0.5	PASS
		2480	0.648	2479.676	2480.324	0.5	PASS
BLE_2M	Ant1	2402	1.200	2401.370	2402.570	0.5	PASS
		2440	1.242	2439.340	2440.582	0.5	PASS
		2480	1.212	2479.358	2480.570	0.5	PASS

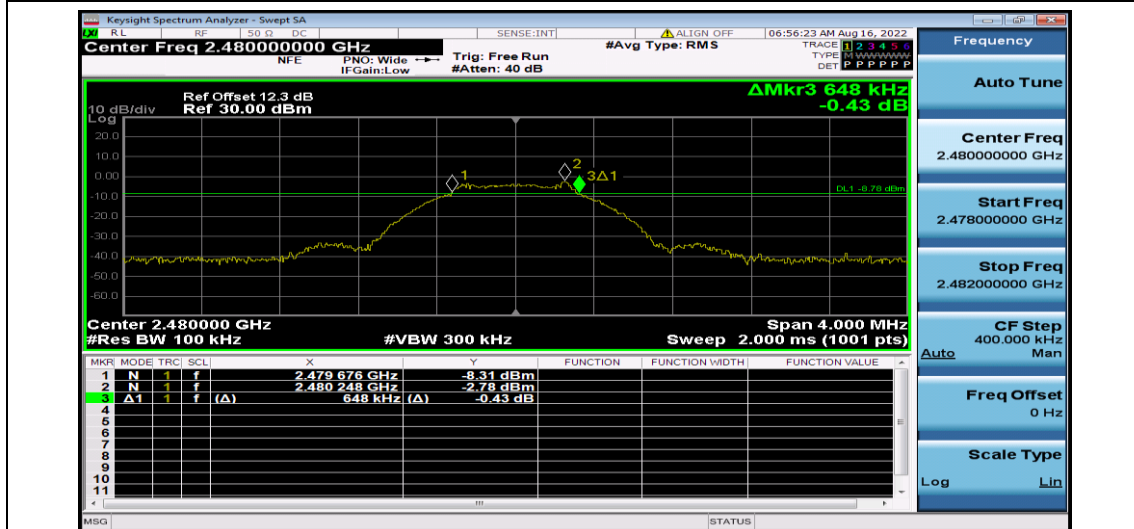
Test Graphs



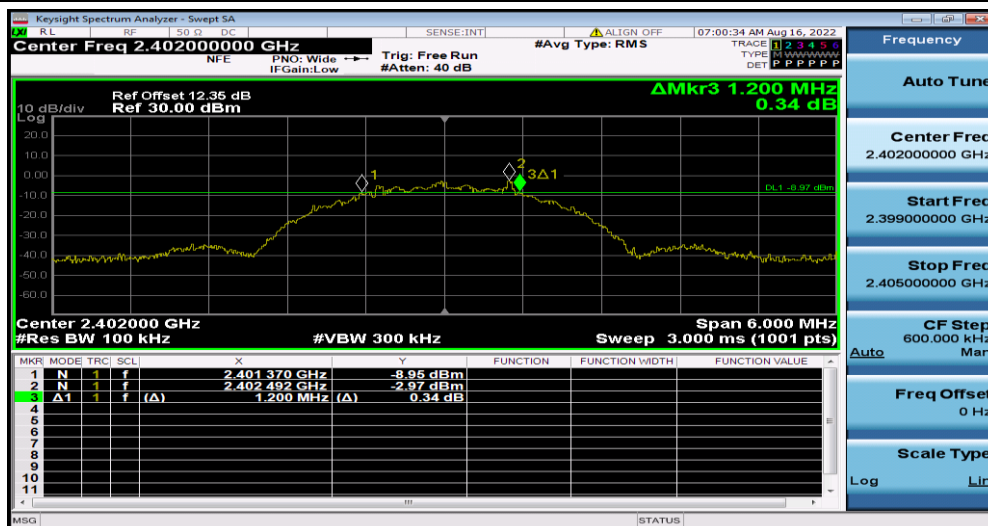
BLE_1M_Ant1_2402



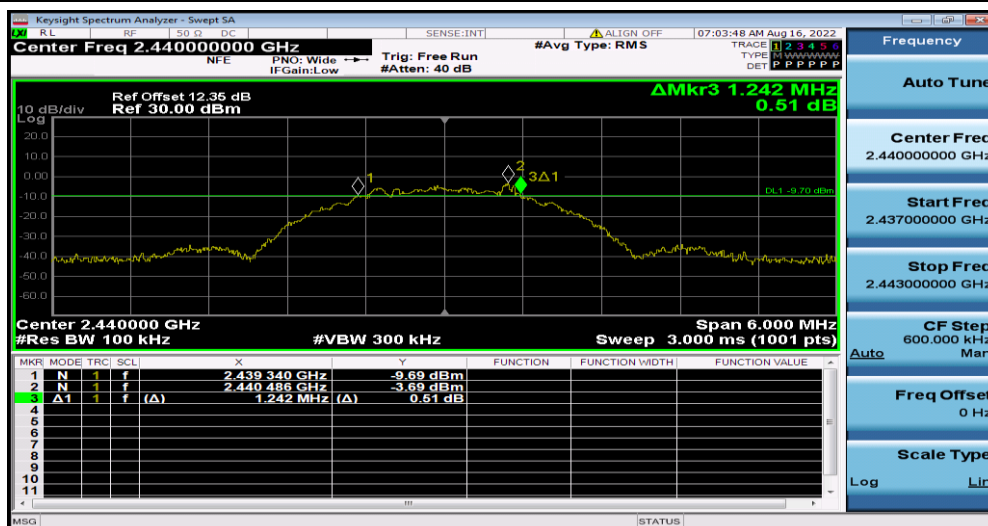
BLE_1M_Ant1_2440



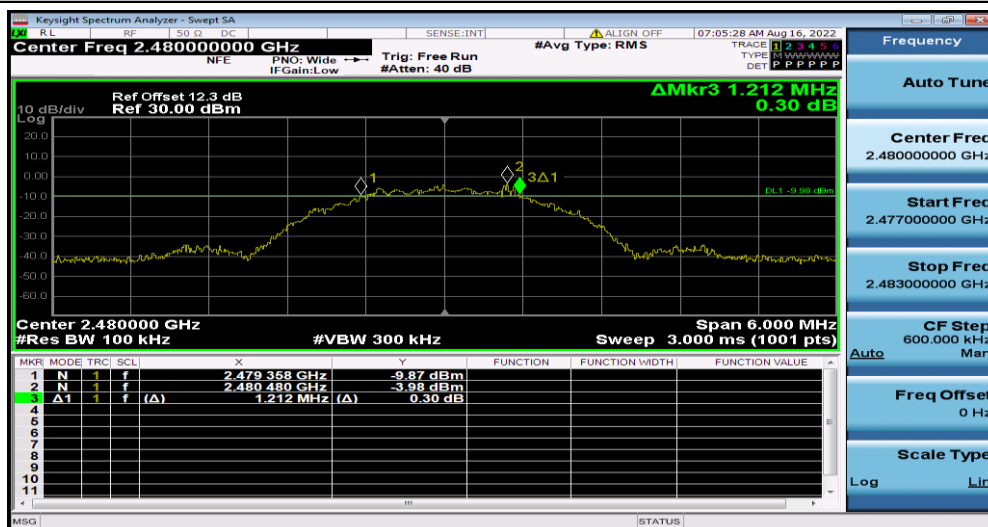
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



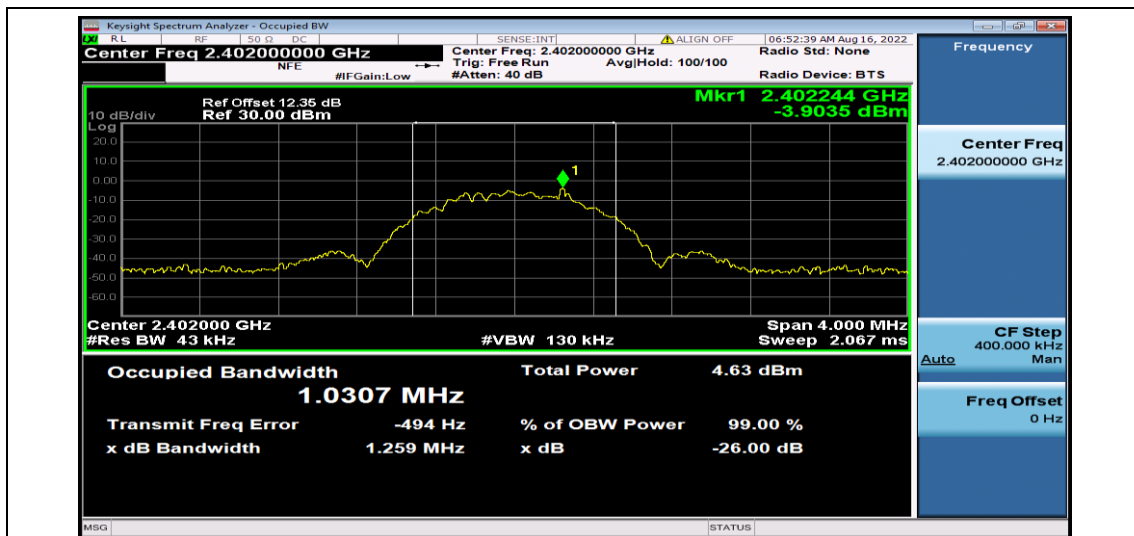
BLE_2M_Ant1_2480

Appendix B: Occupied Channel Bandwidth

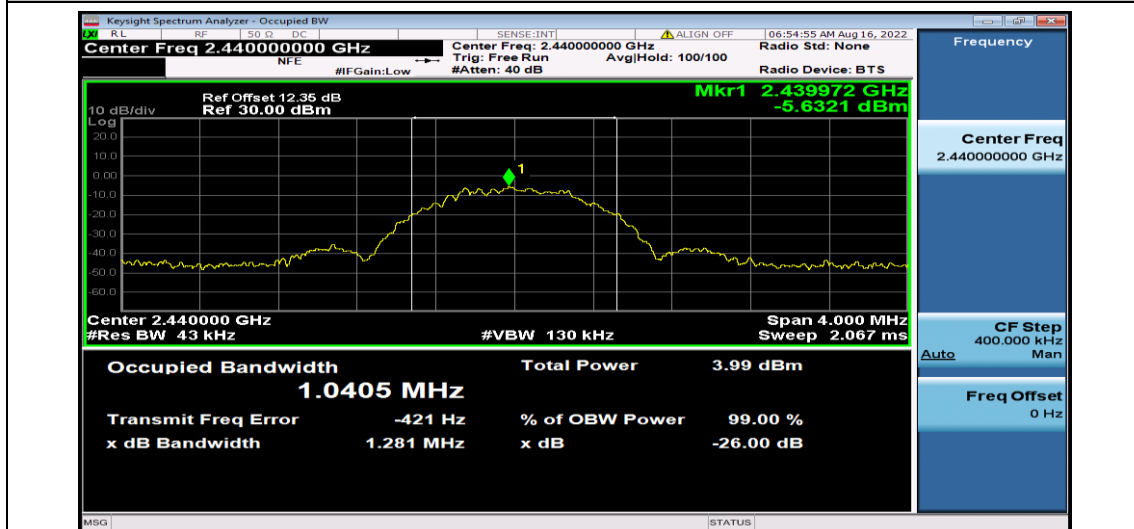
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0307	2401.4842	2402.5149	---	---
		2440	1.0405	2439.4793	2440.5198	---	---
		2480	1.0336	2479.4814	2480.5150	---	---
BLE_2M	Ant1	2402	2.0705	2400.9761	2403.0466	---	---
		2440	2.0818	2438.9695	2441.0513	---	---
		2480	2.0744	2478.9710	2481.0454	---	---

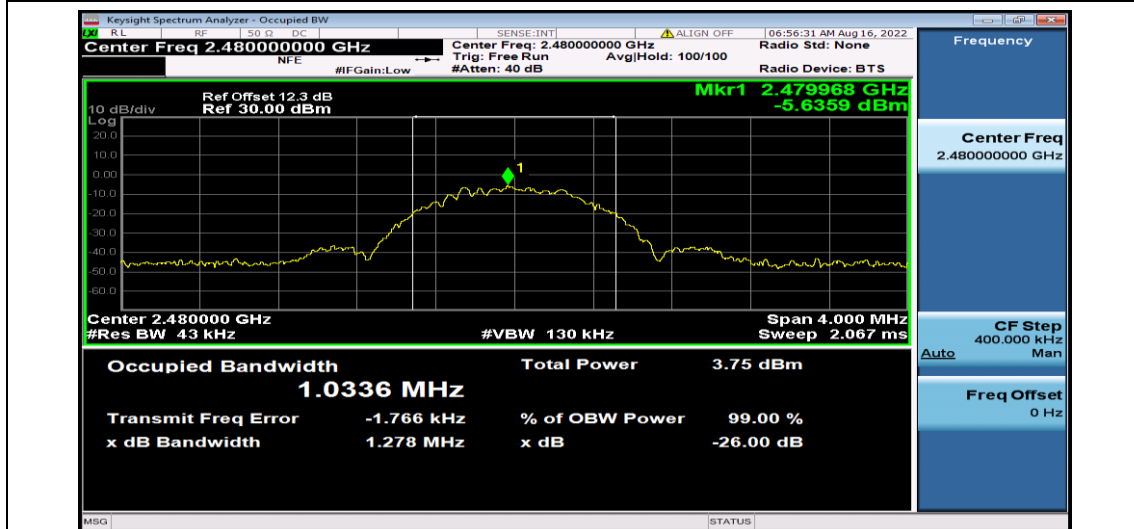
Test Graphs



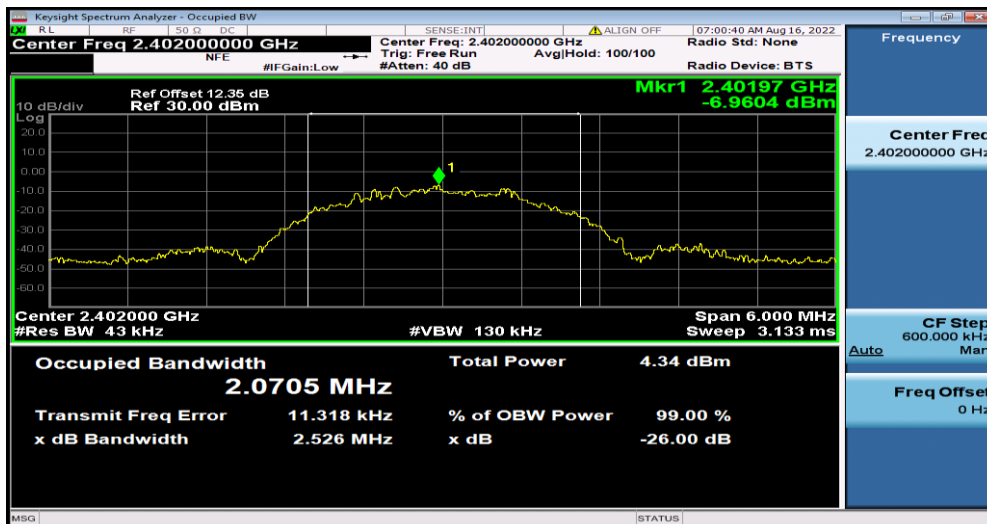
BLE_1M_Ant1_2402



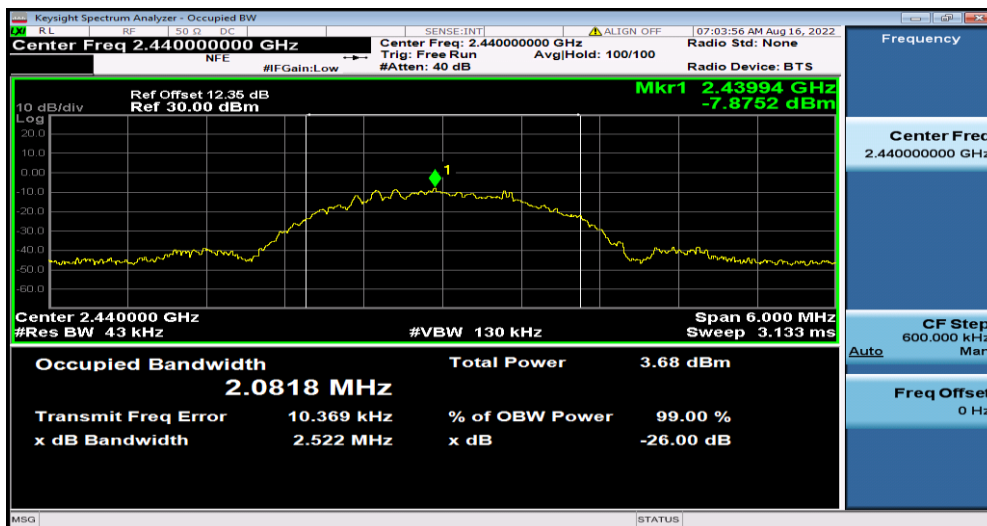
BLE_1M_Ant1_2440



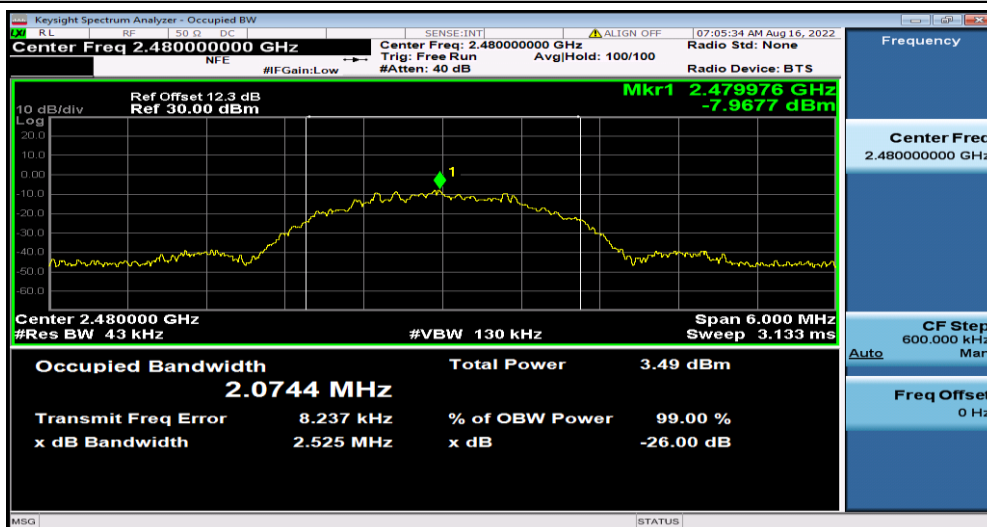
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



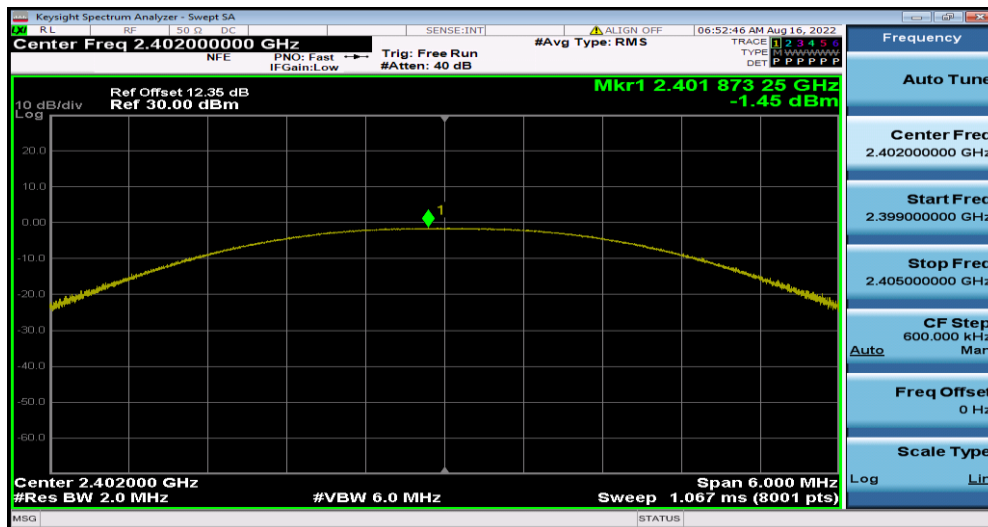
BLE_2M_Ant1_2480

Appendix C: Maximum conducted output power

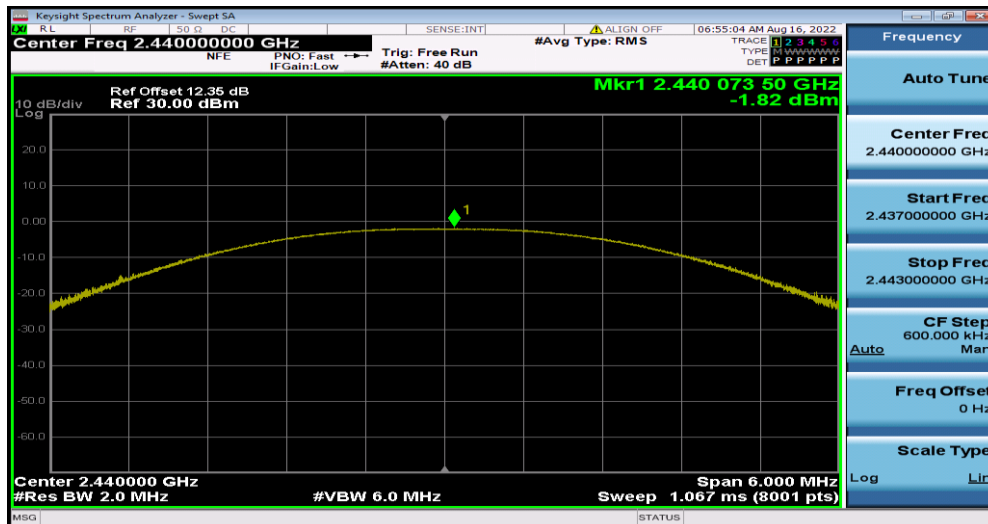
Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-1.45	≤30	0.87	≤36	PASS
		2440	-1.82	≤30	0.50	≤36	PASS
		2480	-2.07	≤30	0.25	≤36	PASS
BLE_2M	Ant1	2402	-1.35	≤30	0.97	≤36	PASS
		2440	-1.89	≤30	0.43	≤36	PASS
		2480	-2.15	≤30	0.17	≤36	PASS

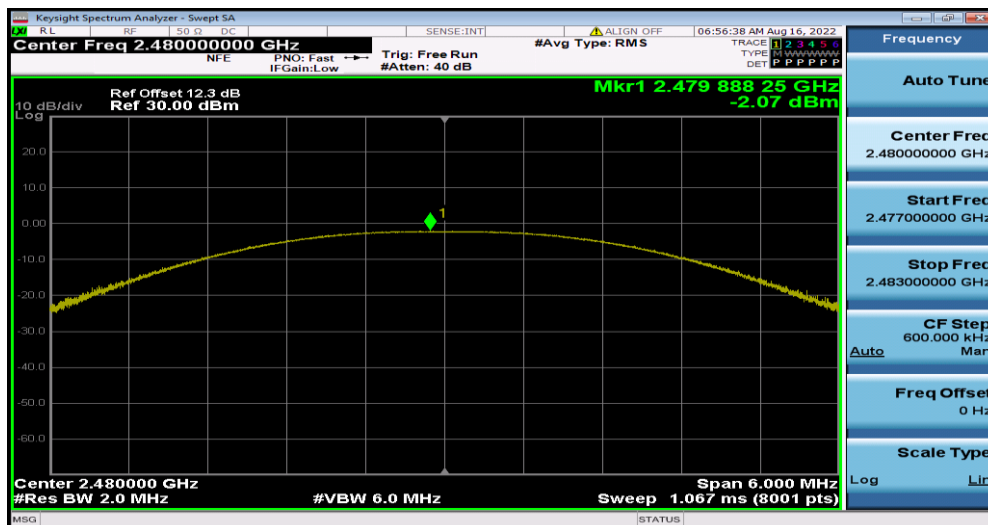
Test Graphs Peak



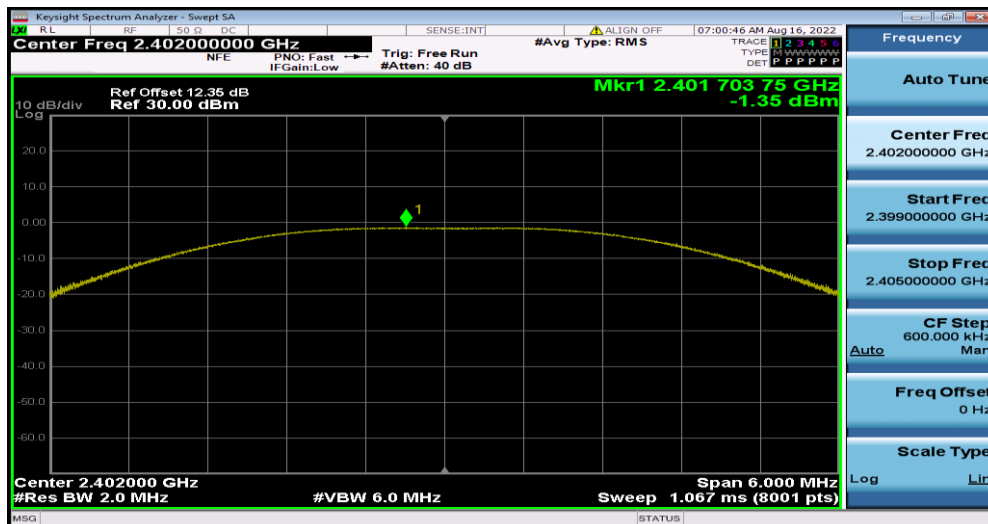
BLE_1M_Ant1_2402



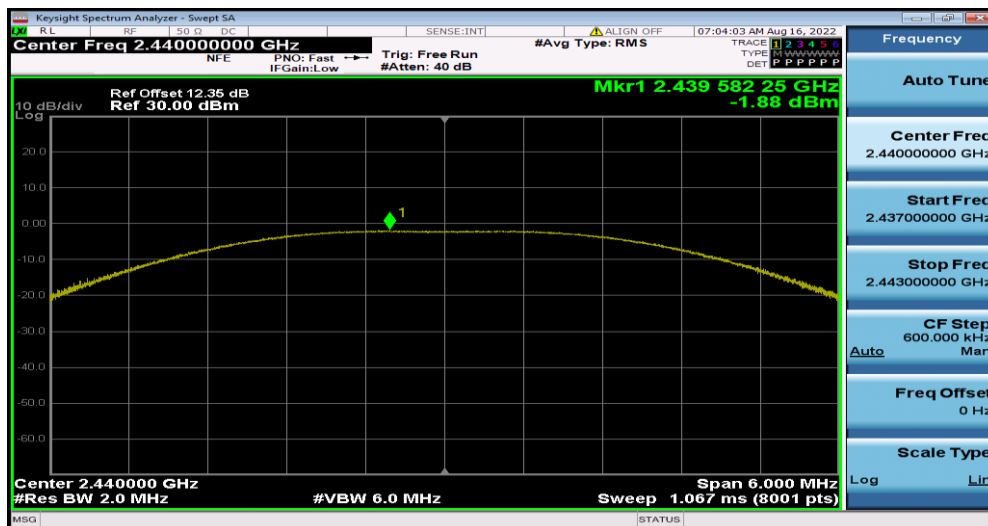
BLE_1M_Ant1_2440



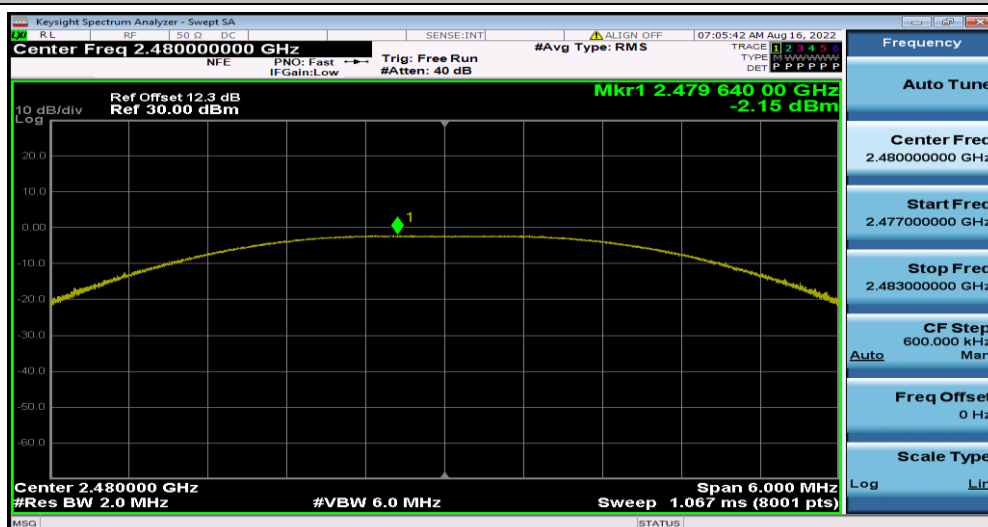
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



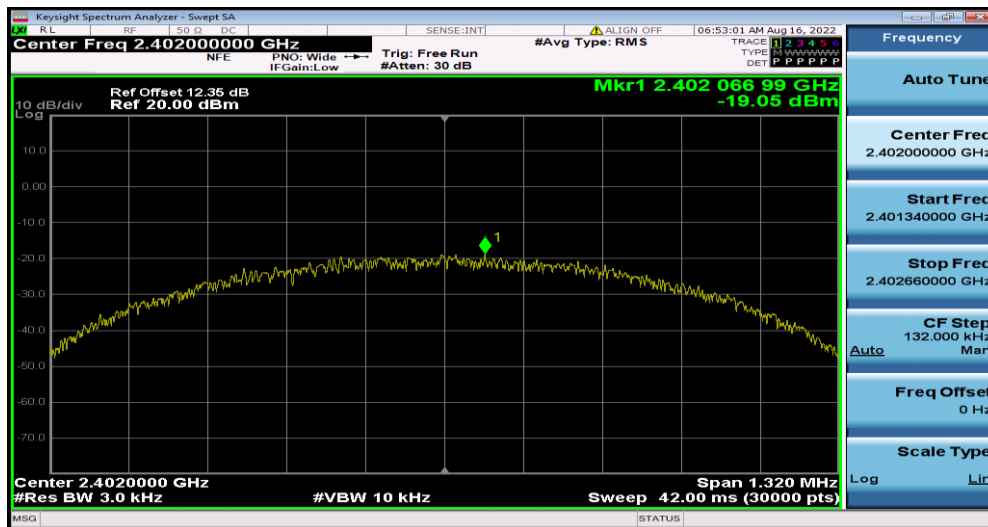
BLE_2M_Ant1_2480

Appendix D: Maximum power spectral density

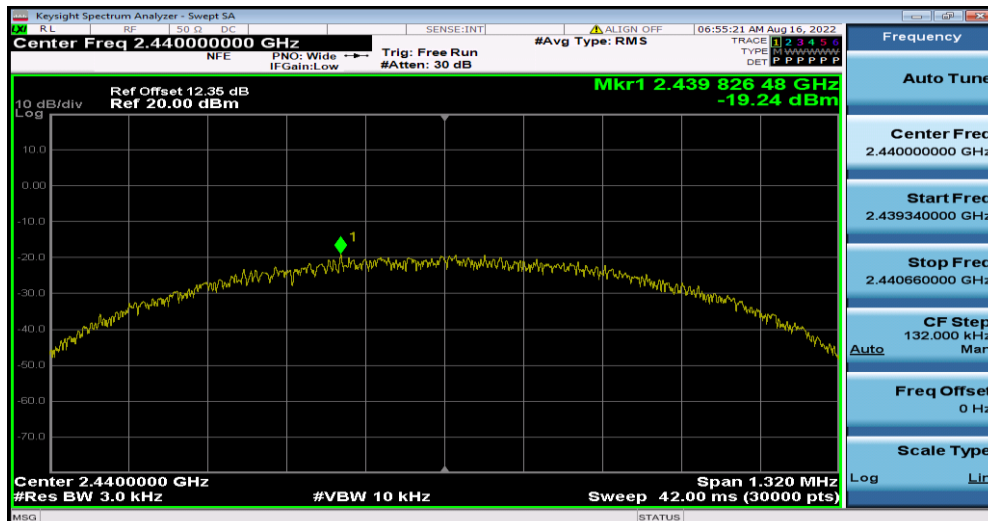
Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.05	≤8.00	PASS
		2440	-19.24	≤8.00	PASS
		2480	-19.33	≤8.00	PASS
BLE_2M	Ant1	2402	-21.4	≤8.00	PASS
		2440	-21.99	≤8.00	PASS
		2480	-19.81	≤8.00	PASS

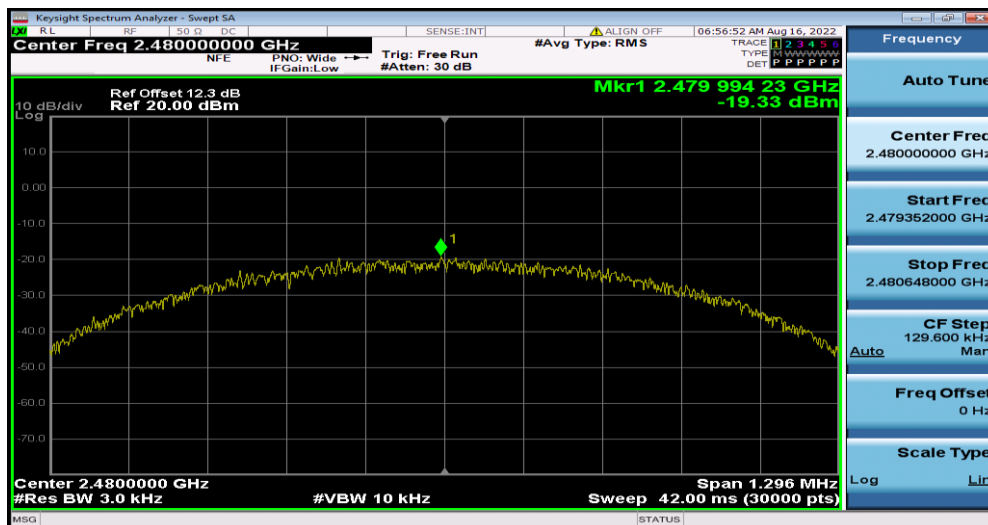
Test Graphs



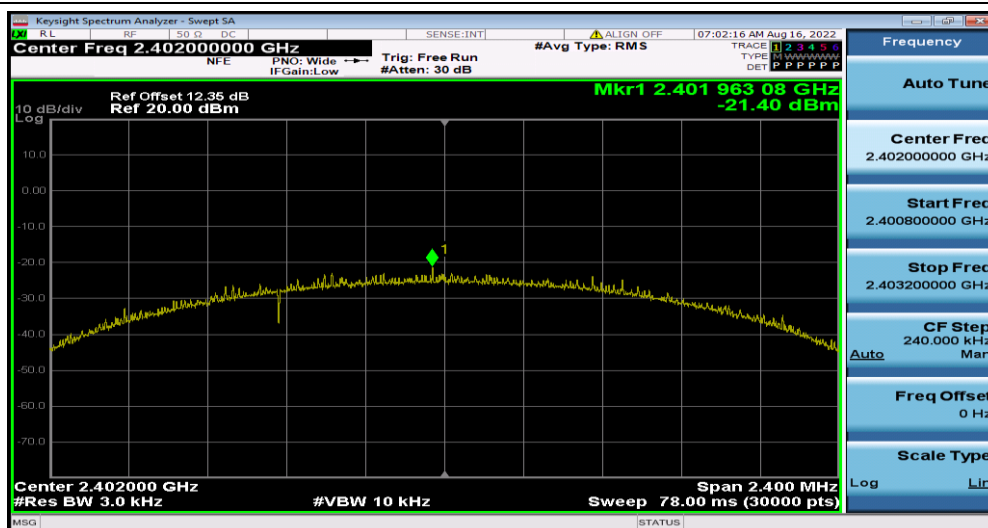
BLE_1M_Ant1_2402



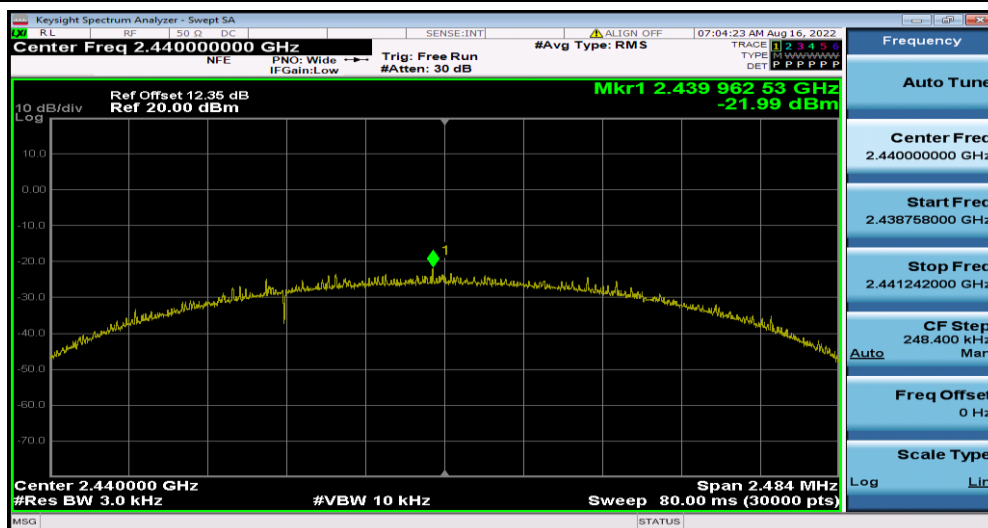
BLE_1M_Ant1_2440



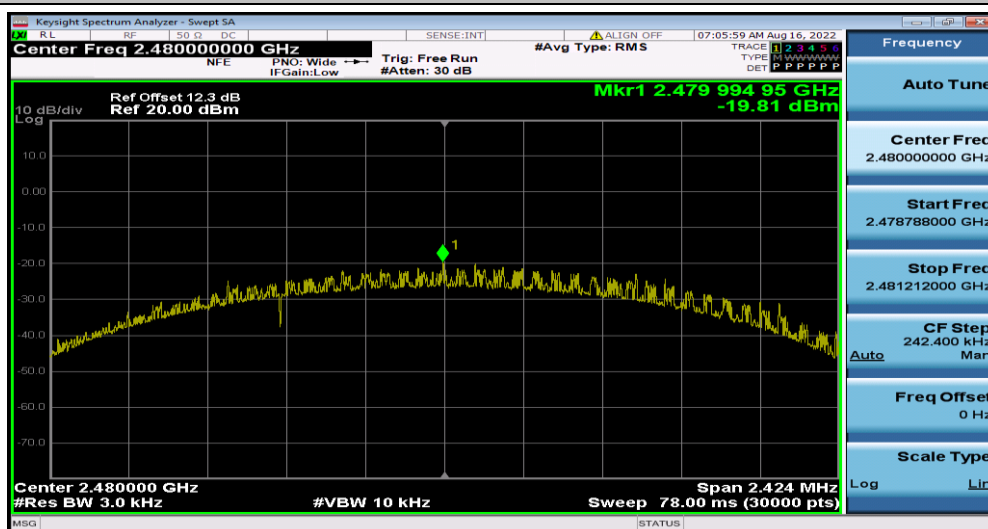
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



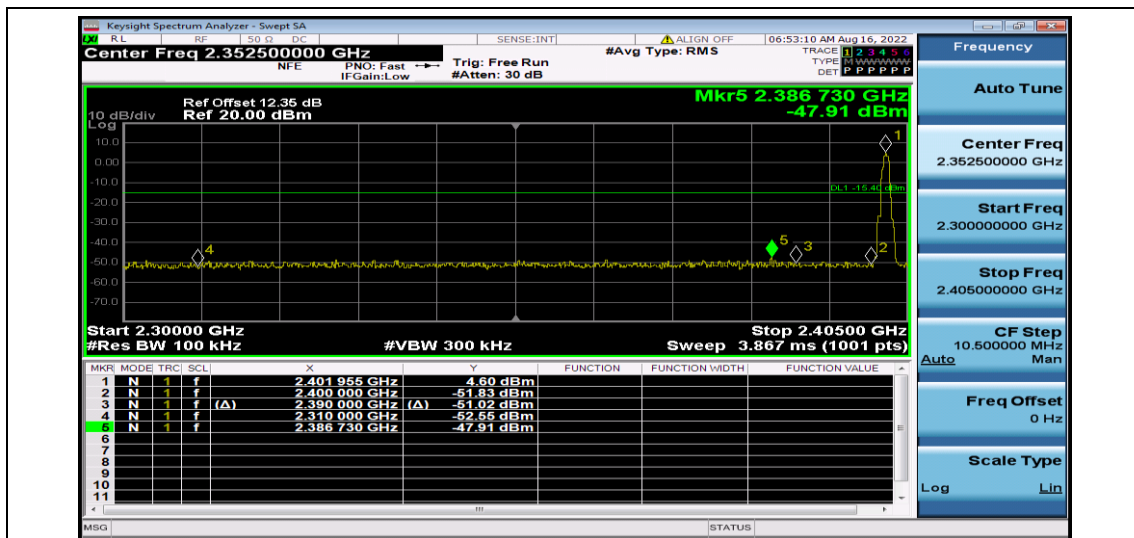
BLE_2M_Ant1_2480

Appendix E: Band edge measurements

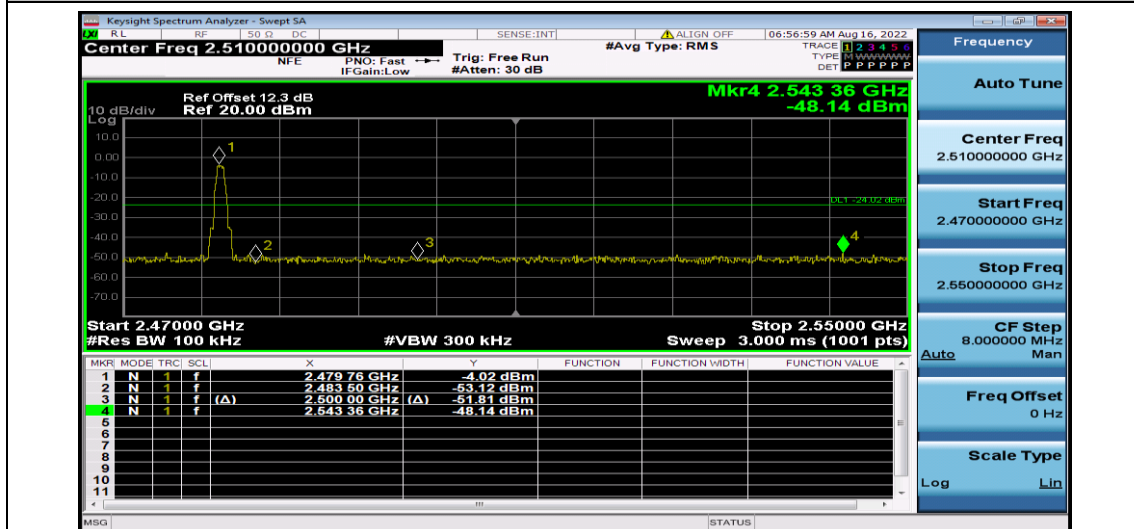
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.60	-47.91	≤-15.4	PASS
		High	2480	-4.02	-48.14	≤-24.02	PASS
BLE_2M	Ant1	Low	2402	-3.23	-38.19	≤-23.23	PASS
		High	2480	-3.85	-48.28	≤-23.85	PASS

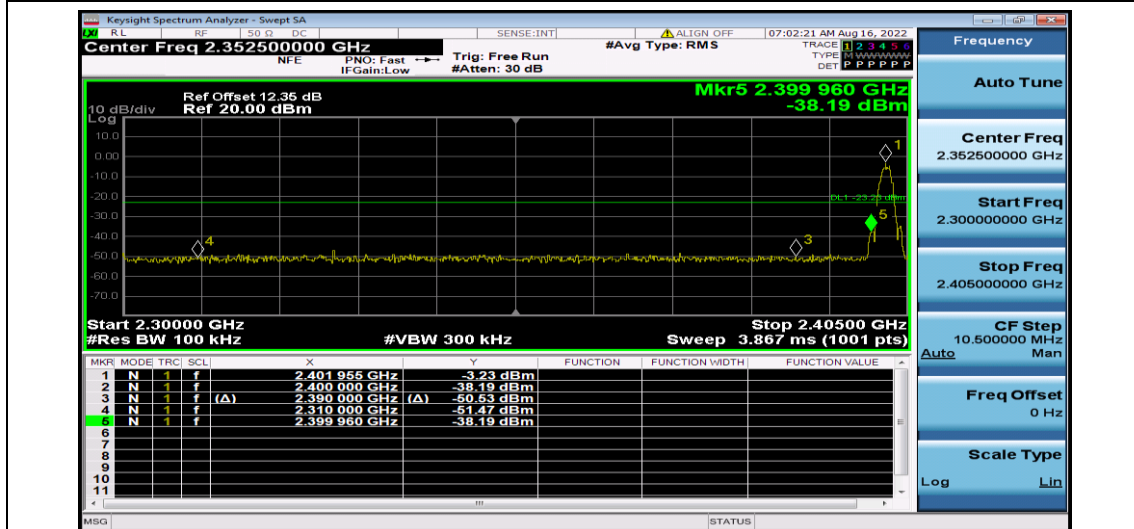
Test Graphs



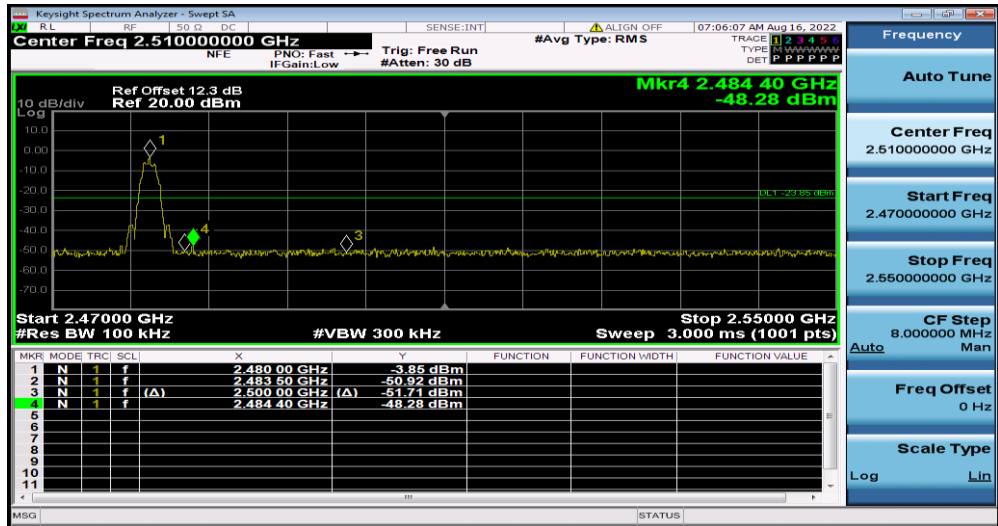
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



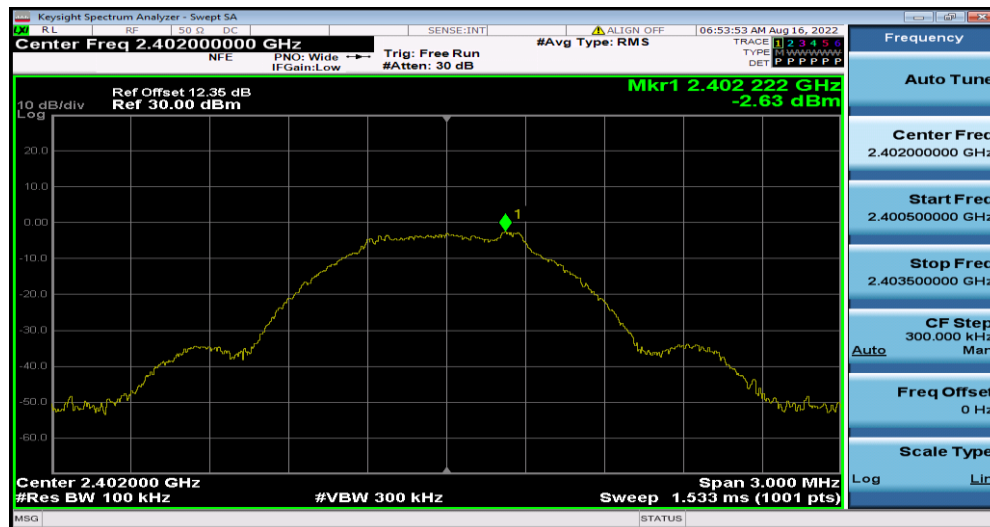
BLE_2M_Ant1_High_2480

Appendix F: Conducted Spurious Emission

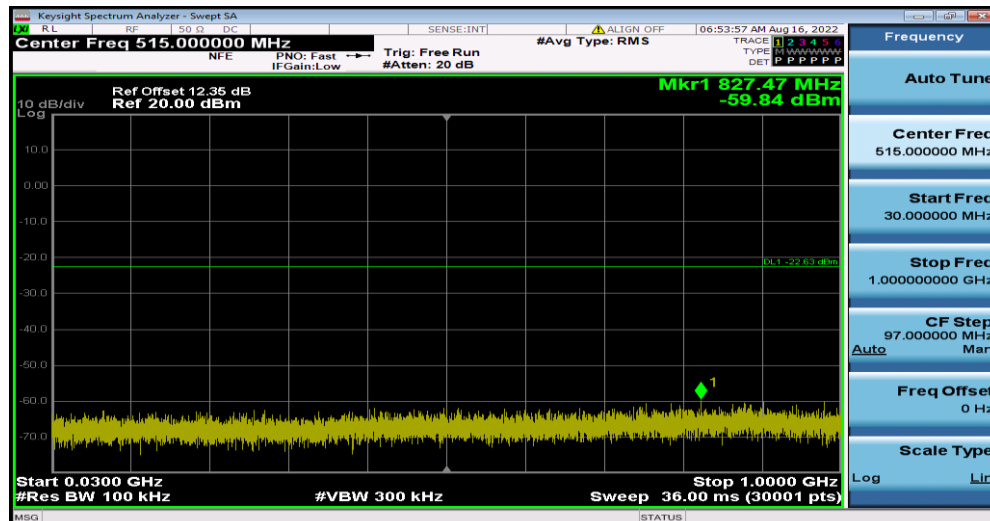
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.63	-2.63	---	PASS
			30~1000	-2.63	-59.84	≤-22.63	PASS
			1000~26500	-2.63	-40.37	≤-22.63	PASS
		2440	Reference	-2.89	-2.89	---	PASS
			30~1000	-2.89	-60.36	≤-22.89	PASS
			1000~26500	-2.89	-40.32	≤-22.89	PASS
		2480	Reference	-3.41	-3.41	---	PASS
			30~1000	-3.41	-60.89	≤-23.41	PASS
			1000~26500	-3.41	-40.35	≤-23.41	PASS
BLE_2M	Ant1	2402	Reference	-2.68	-2.68	---	PASS
			30~1000	-2.68	-60.46	≤-22.68	PASS
			1000~26500	-2.68	-40.4	≤-22.68	PASS
		2440	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-60.16	≤-23.61	PASS
			1000~26500	-3.61	-40.04	≤-23.61	PASS
		2480	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-60.7	≤-23.29	PASS
			1000~26500	-3.29	-40.32	≤-23.29	PASS

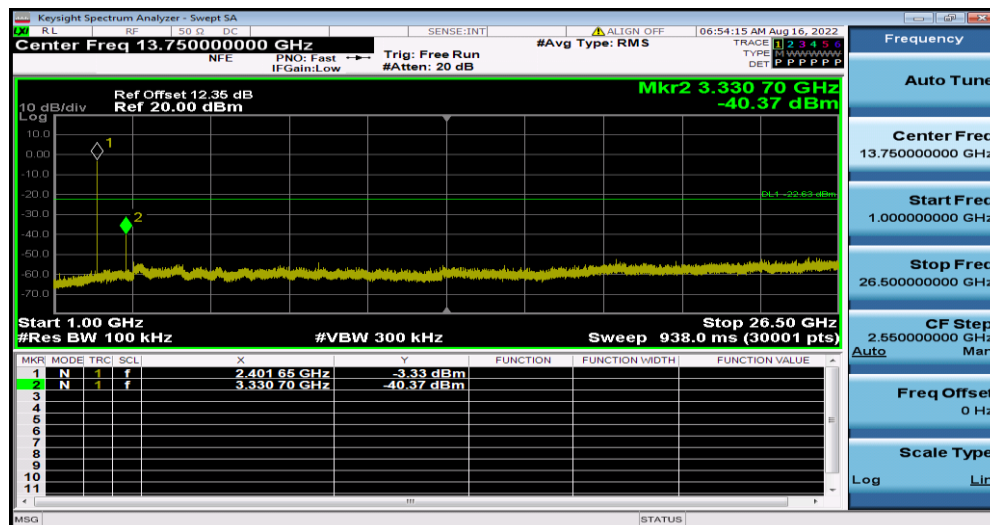
Test Graphs



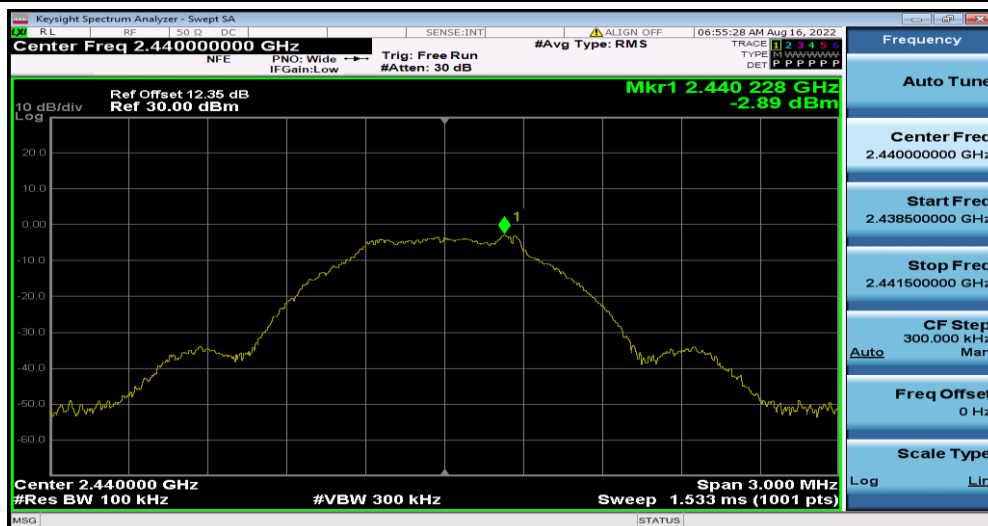
BLE_1M_Ant1_2402_0~Reference



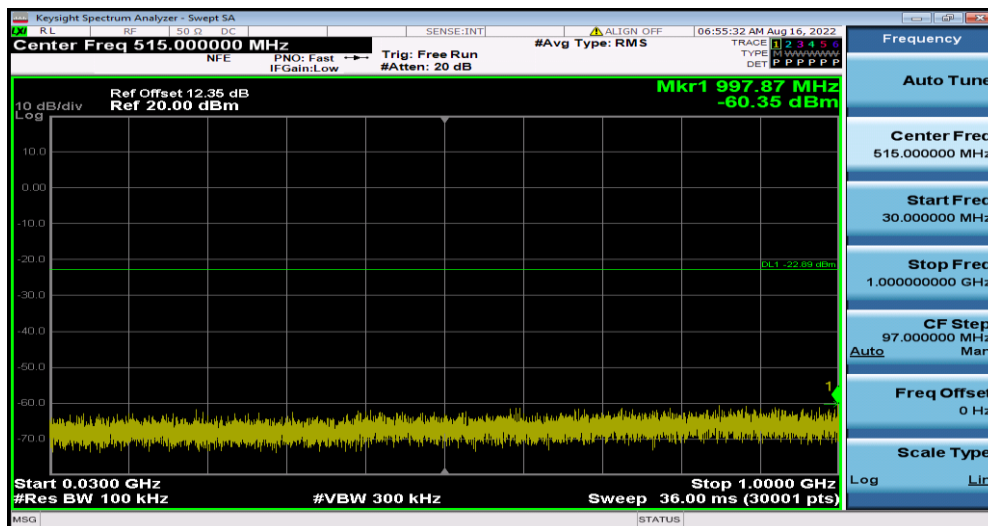
BLE_1M_Ant1_2402_30~1000



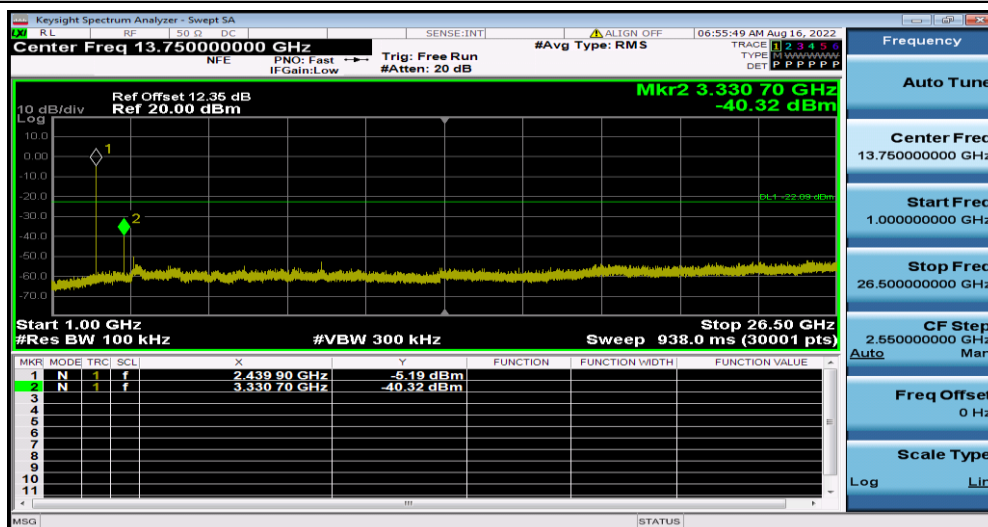
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



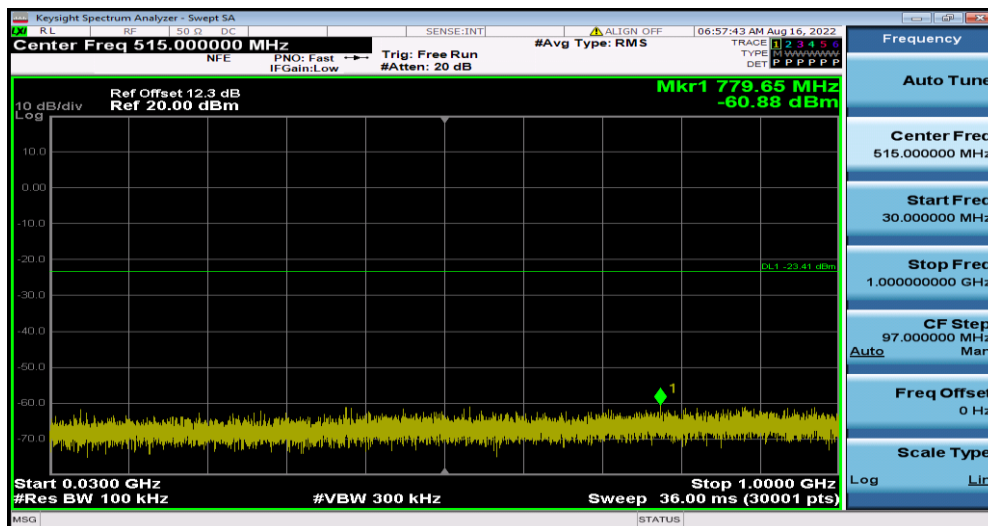
BLE_1M_Ant1_2440_30~1000



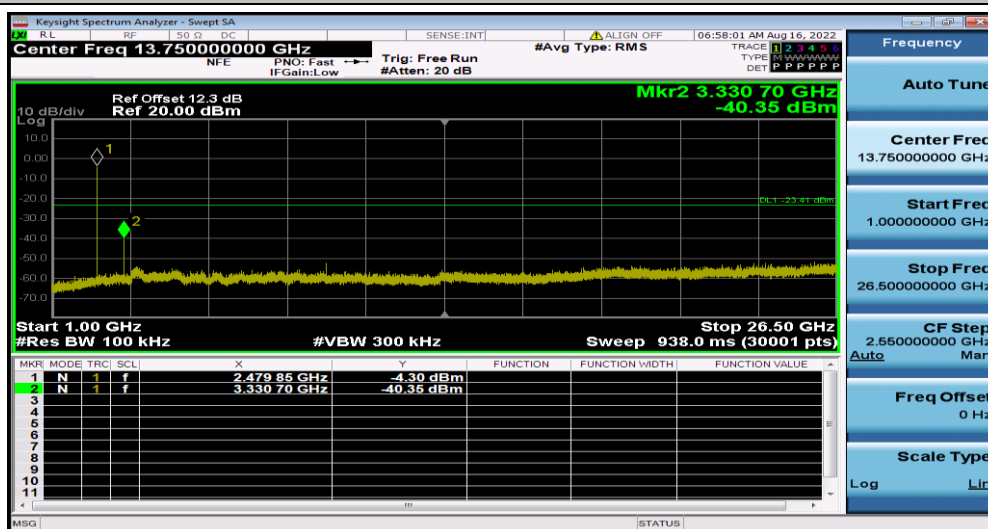
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



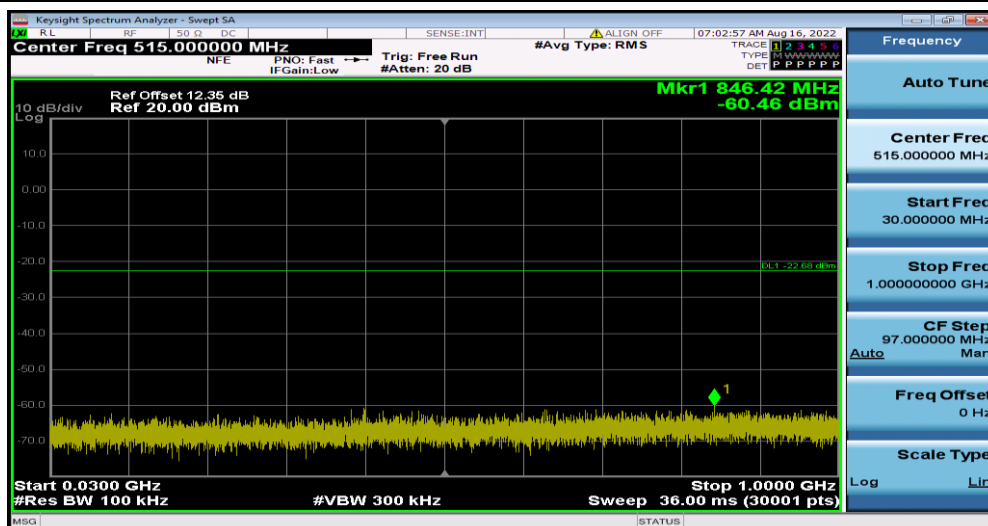
BLE_1M_Ant1_2480_30~1000



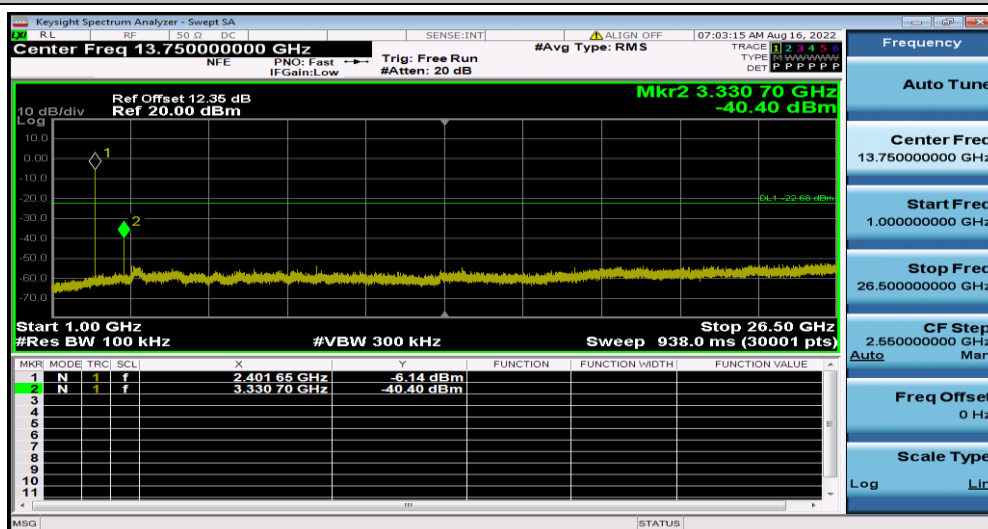
BLE_1M_Ant1_2480_1000~26500



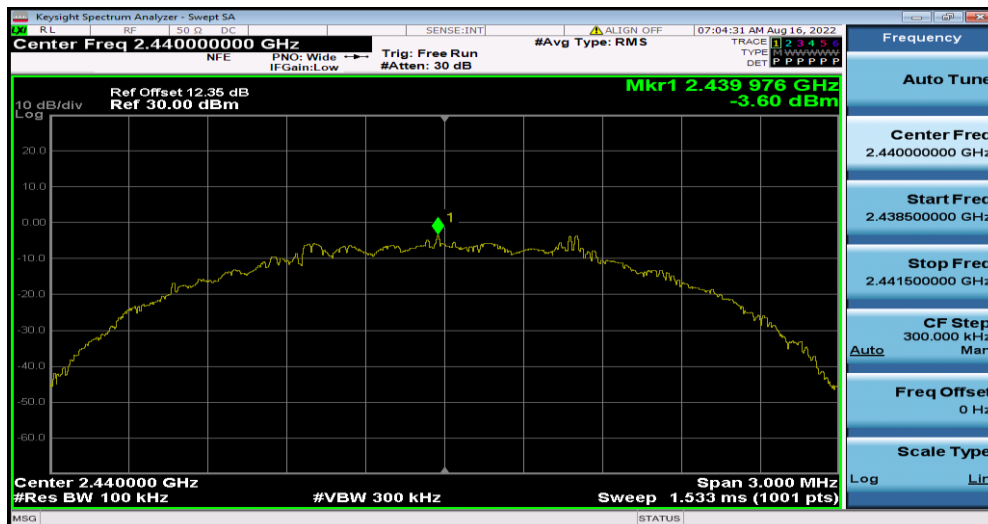
BLE_2M_Ant1_2402_0~Reference



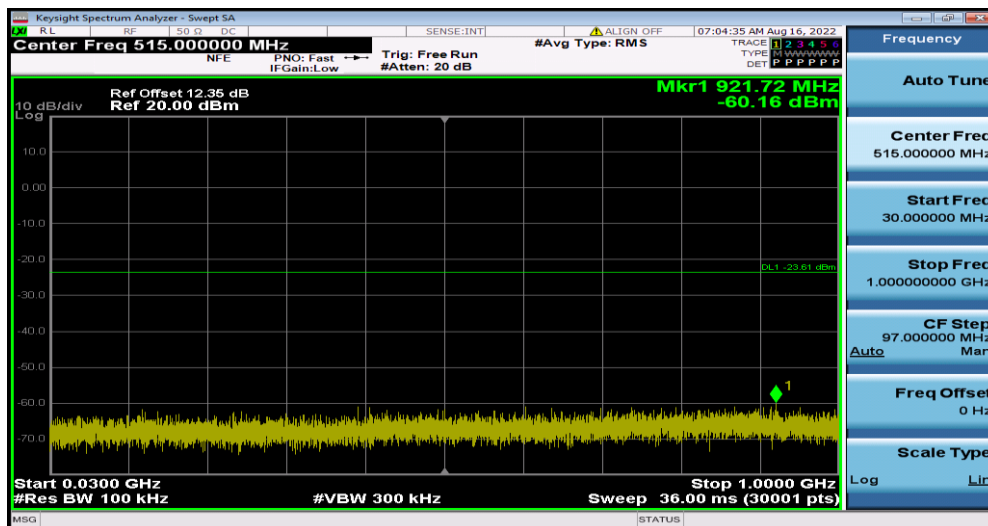
BLE_2M_Ant1_2402_30~1000



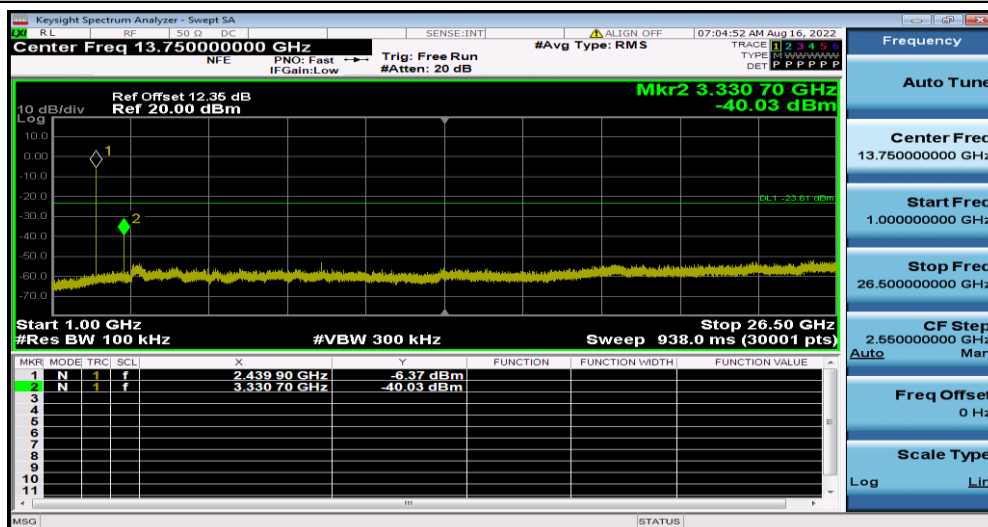
BLE_2M_Ant1_2402_1000~26500



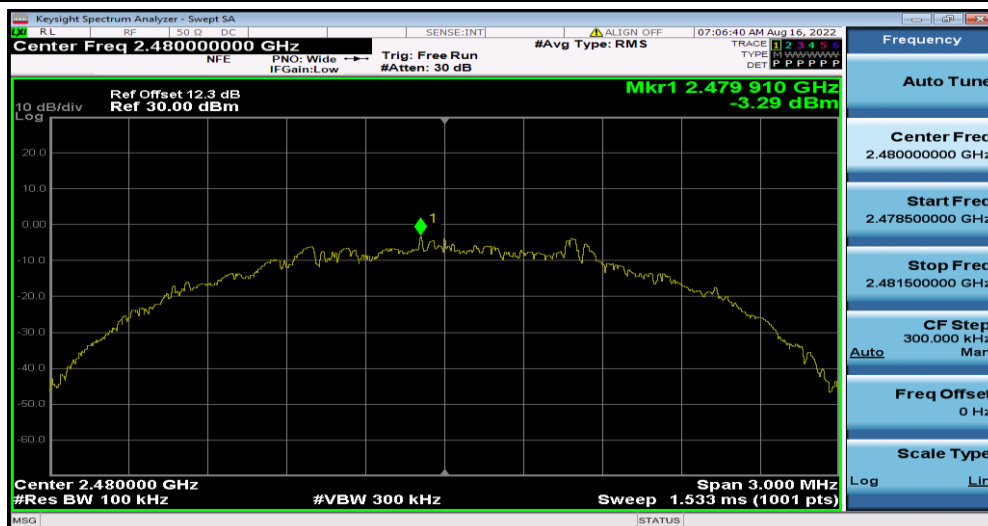
BLE_2M_Ant1_2440_0~Reference



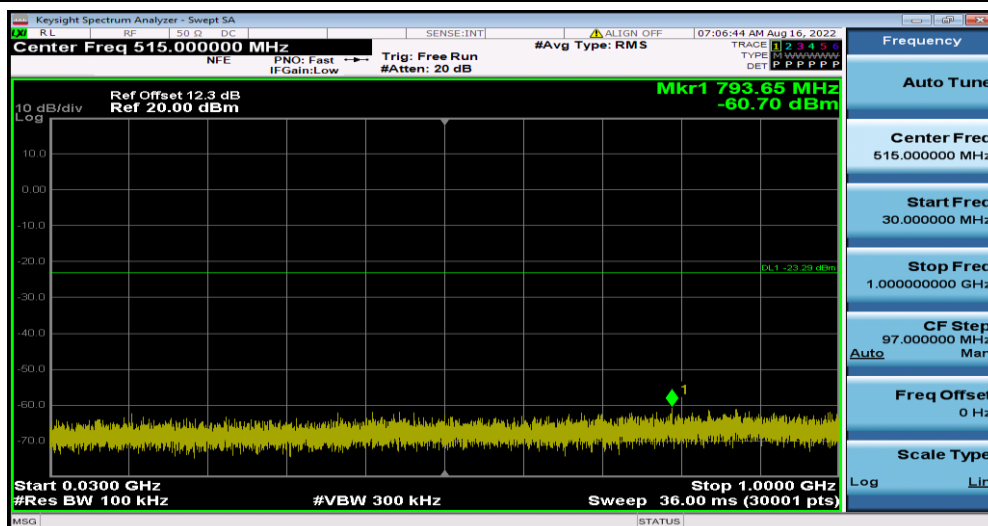
BLE_2M_Ant1_2440_30~1000



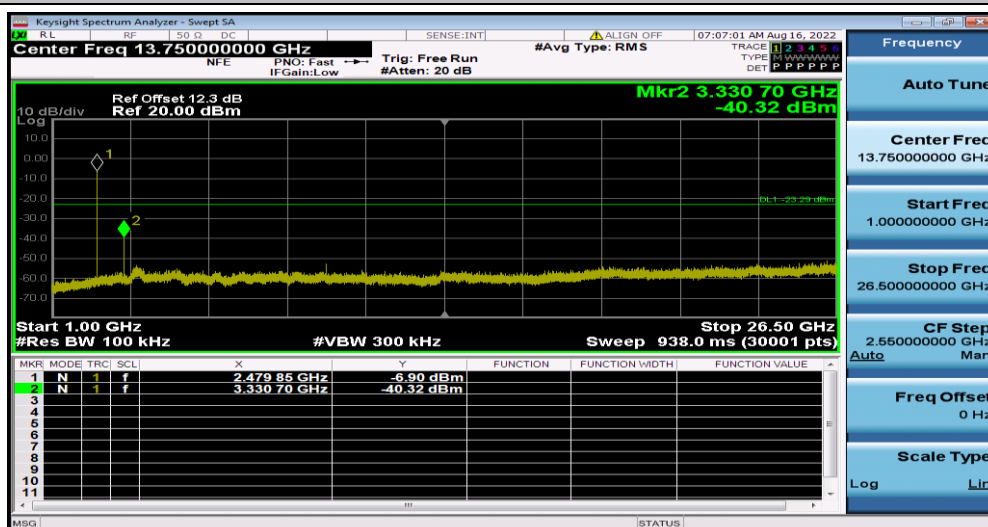
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



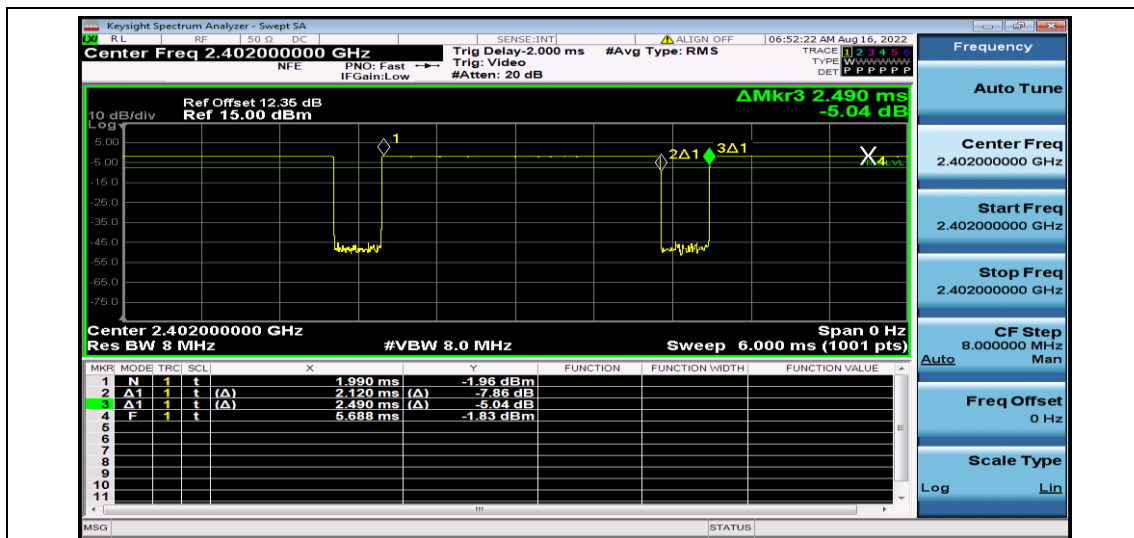
BLE_2M_Ant1_2480_1000~26500

Appendix G: Duty Cycle

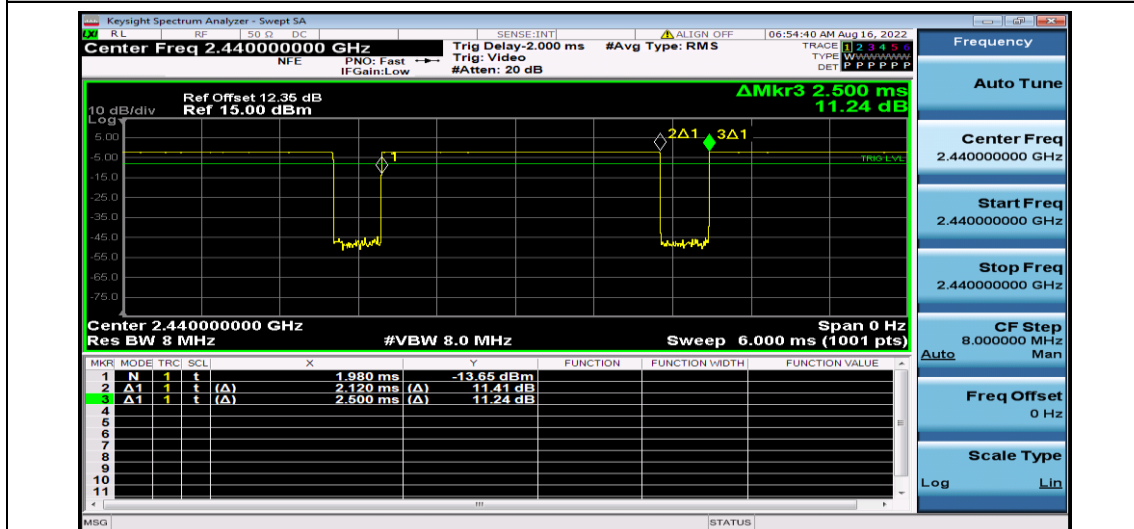
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.49	85.14	0.70
		2440	2.12	2.50	84.80	0.72
		2480	2.12	2.50	84.80	0.72
BLE_2M	Ant1	2402	1.07	1.88	56.91	2.45
		2440	1.07	1.88	56.91	2.45
		2480	1.07	1.88	56.91	2.45

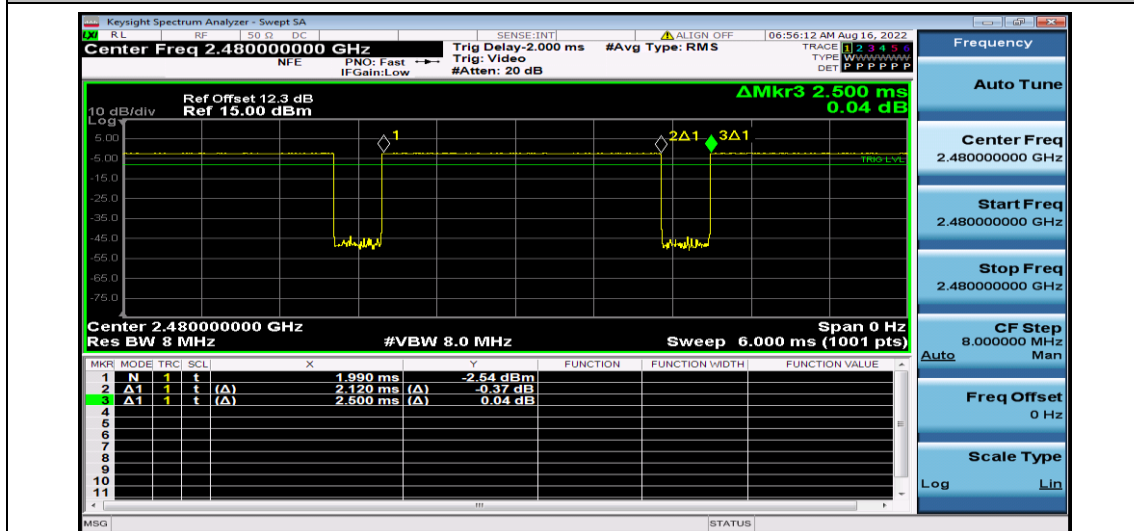
Test Graphs



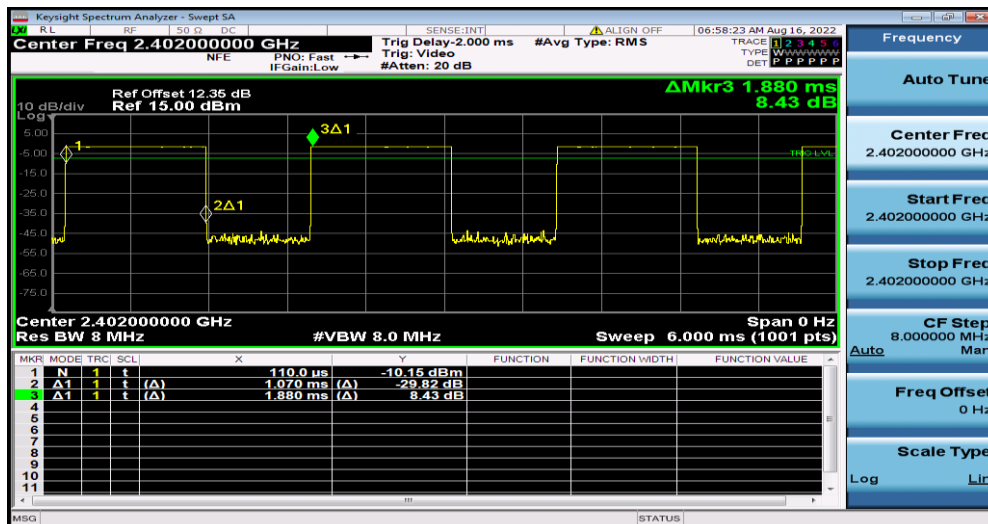
BLE_1M_Ant1_2402



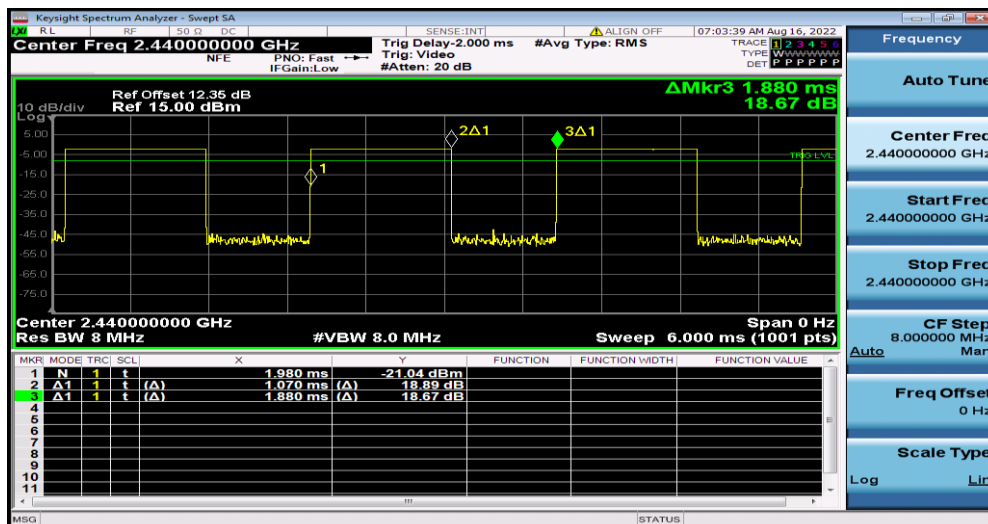
BLE_1M_Ant1_2440



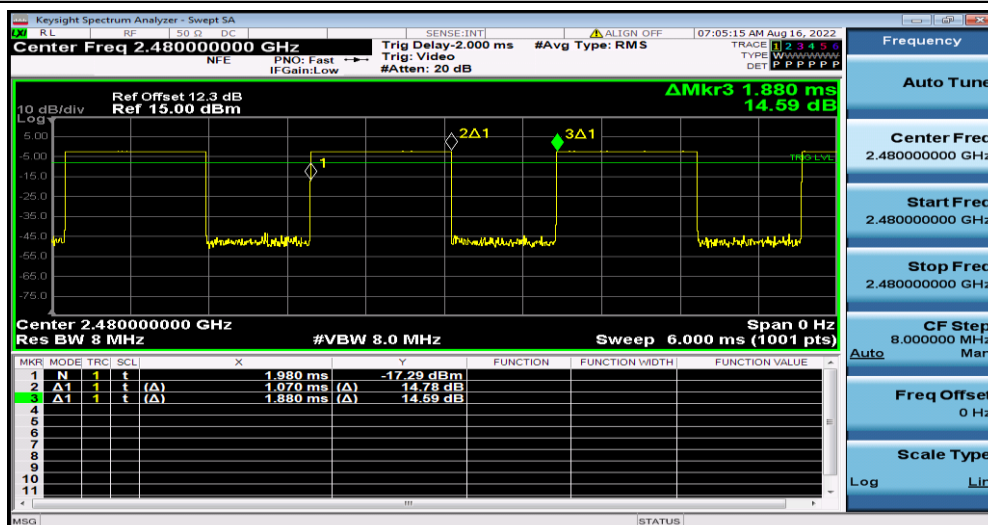
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480