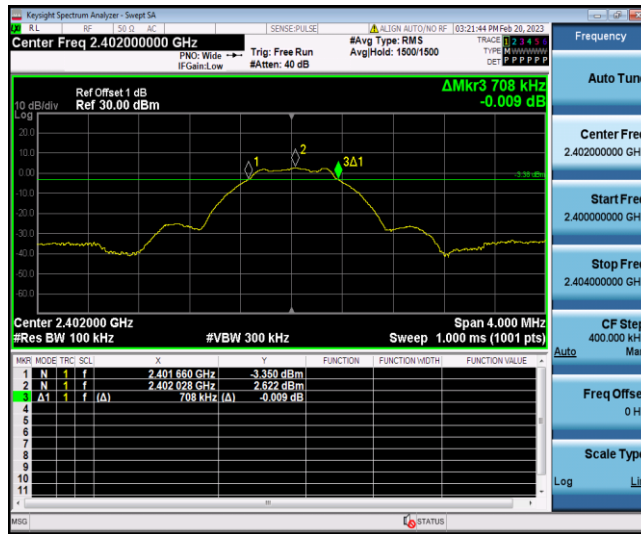


Appendix Test Data for Bluetooth BLE**Appendix A: DTS Bandwidth****Test Result**

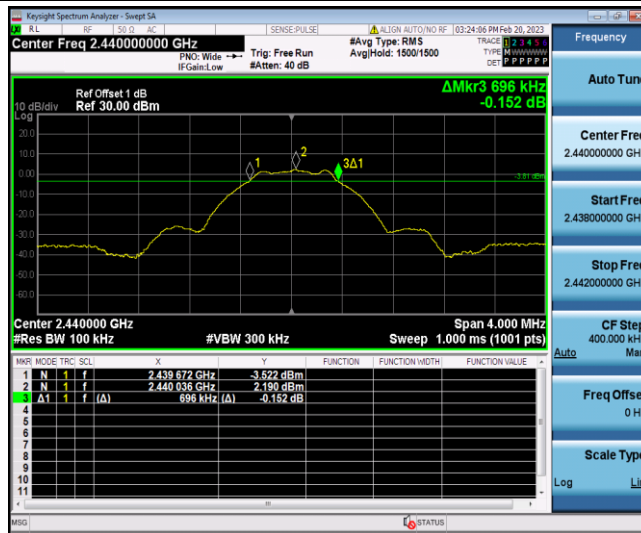
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LE_1Mbps	Ant1	2402	0.708	2401.660	2402.368	0.5	PASS
		2440	0.696	2439.672	2440.368	0.5	PASS
		2480	0.700	2479.664	2480.364	0.5	PASS
LE_2Mbps	Ant1	2402	1.182	2401.430	2402.612	0.5	PASS
		2440	1.182	2439.436	2440.618	0.5	PASS
		2480	1.182	2479.430	2480.612	0.5	PASS

Test Graphs

LE_1Mbps_Ant1_2402



LE_1Mbps_Ant1_2440



LE_1Mbps_Ant1_2480



LE_2Mbps_Ant1_2402



LE_2Mbps_Ant1_2440



LE_2Mbps_Ant1_2480



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LE_1Mbps	Ant1	2402	1.0479	2401.4911	2402.5390	---	---
		2440	1.0482	2439.4950	2440.5432	---	---
		2480	1.0548	2479.4862	2480.5410	---	---
LE_2Mbps	Ant1	2402	2.0840	2400.9816	2403.0656	---	---
		2440	2.0876	2438.9833	2441.0709	---	---
		2480	2.0908	2478.9764	2481.0672	---	---

Test Graphs

LE_1Mbps_Ant1_2402



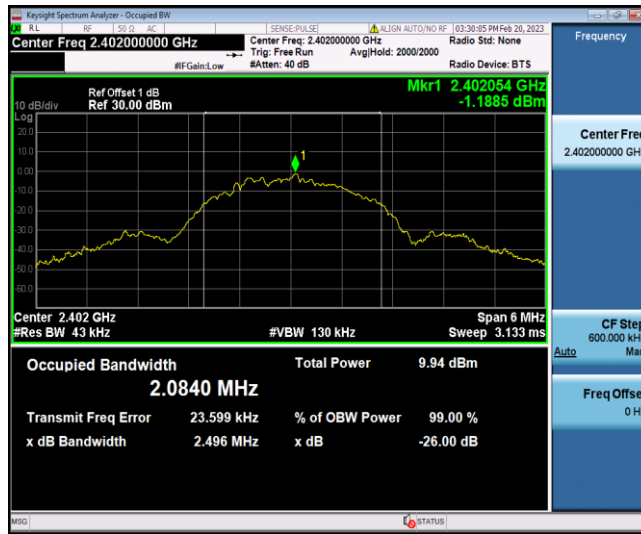
LE_1Mbps_Ant1_2440



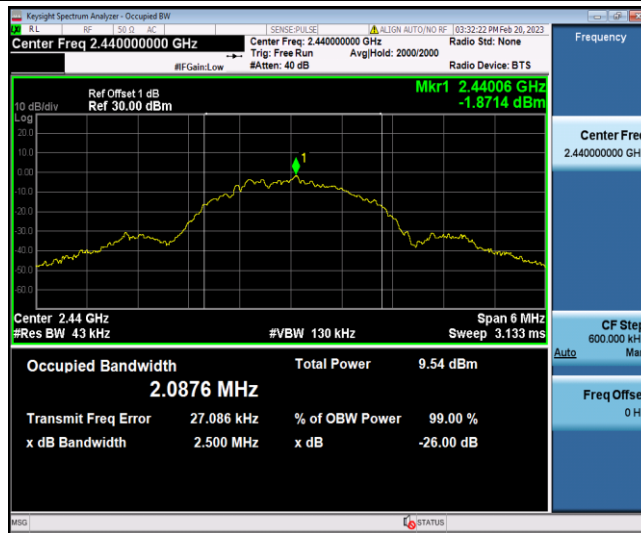
LE_1Mbps_Ant1_2480



LE_2Mbps_Ant1_2402



LE_2Mbps_Ant1_2440



LE_2Mbps_Ant1_2480



Appendix C: Maximum conducted output power and EIRP

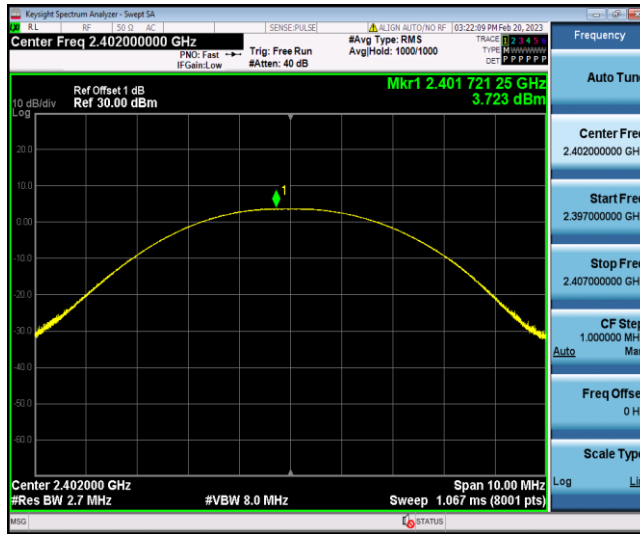
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
LE_1Mbps	Ant1	2402	3.72	≤30	PASS
		2440	3.29	≤30	PASS
		2480	2.7	≤30	PASS
LE_2Mbps	Ant1	2402	3.66	≤30	PASS
		2440	3.16	≤30	PASS
		2480	2.57	≤30	PASS

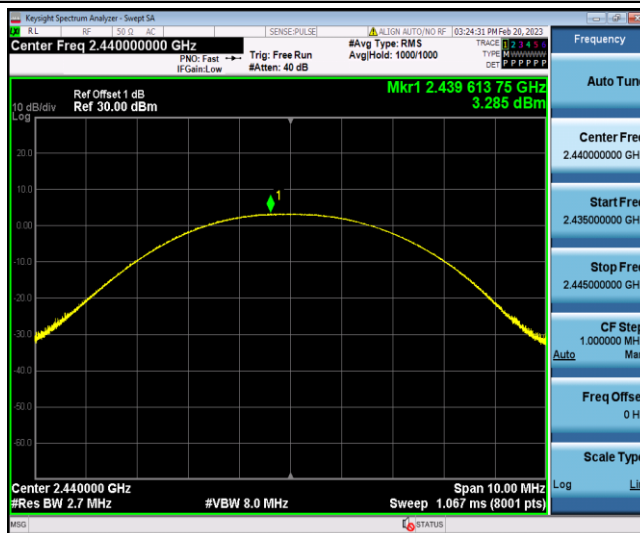
TestMode	Antenna	Channel	Conducted output power [dBm]	Antenna gain(dBi)	EIRP [dBm]	EIRP Limit [dBm]	Verdict
LE_1Mbps	Ant1	2402	3.72	0.6	4.32	≤36.02	PASS
		2440	3.29	0.6	3.89	≤36.02	PASS
		2480	2.7	0.6	3.30	≤36.02	PASS
LE_2Mbps	Ant1	2402	3.66	0.6	4.26	≤36.02	PASS
		2440	3.16	0.6	3.76	≤36.02	PASS
		2480	2.57	0.6	3.17	≤36.02	PASS

Test Graphs

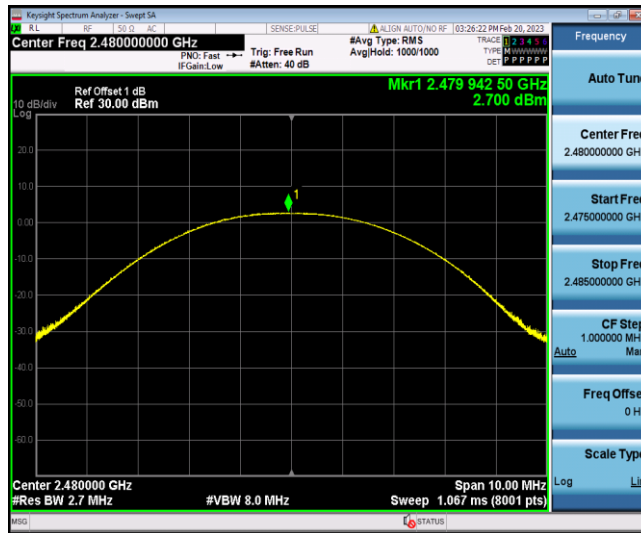
LE_1Mbps_Ant1_2402



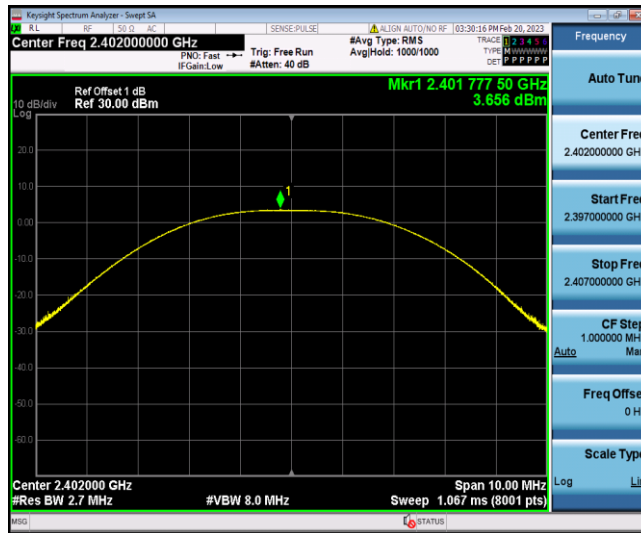
LE_1Mbps_Ant1_2440



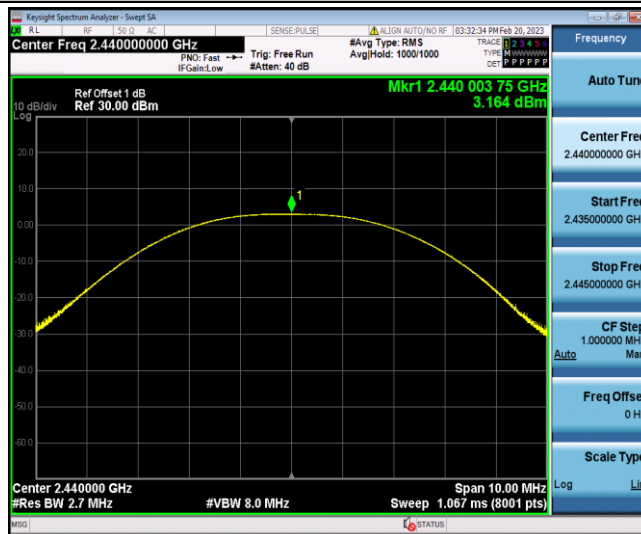
LE_1Mbps_Ant1_2480



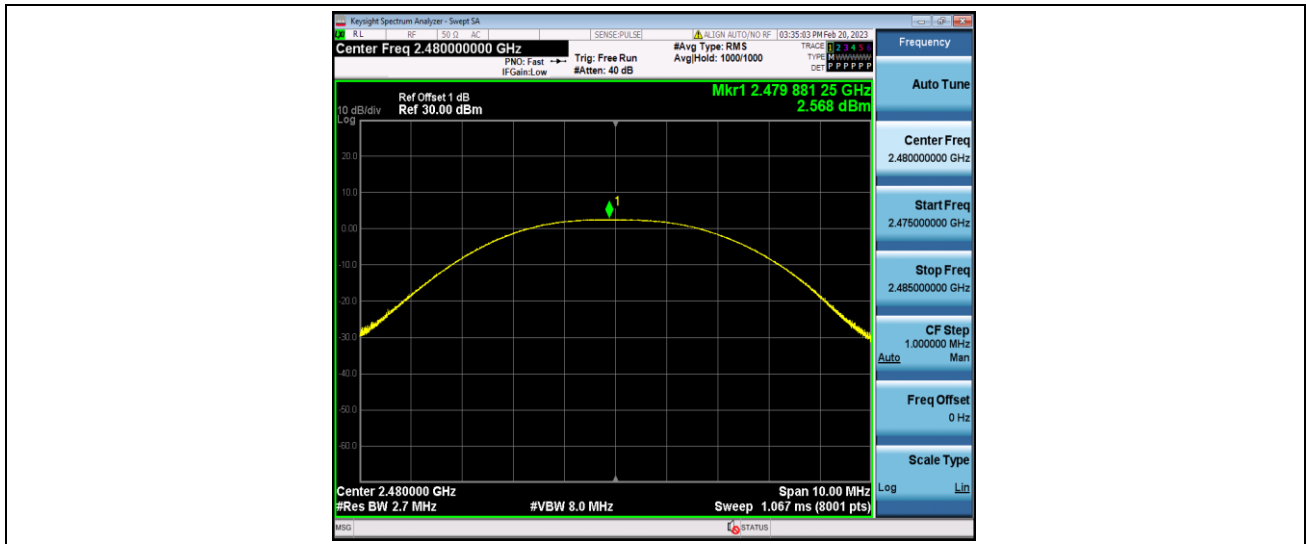
LE_2Mbps_Ant1_2402



LE_2Mbps_Ant1_2440



LE_2Mbps_Ant1_2480



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
LE_1Mbps	Ant1	2402	-12.05	≤8.00	PASS
		2440	-12.45	≤8.00	PASS
		2480	-12.83	≤8.00	PASS
LE_2Mbps	Ant1	2402	-15.91	≤8.00	PASS
		2440	-16.42	≤8.00	PASS
		2480	-16.79	≤8.00	PASS

Test Graphs

LE_1Mbps_Ant1_2402



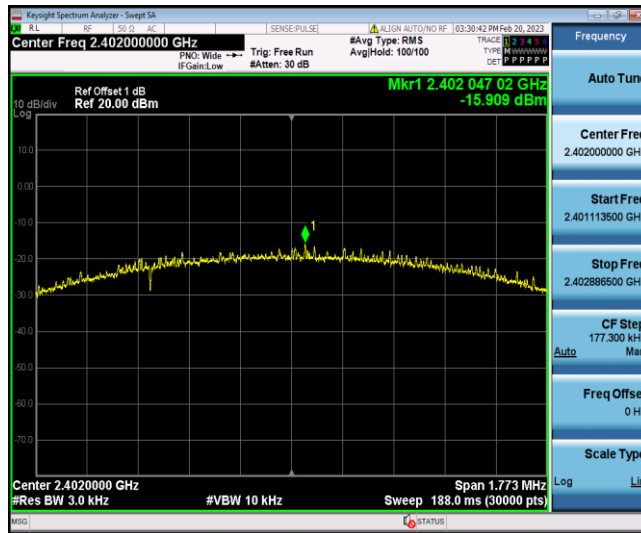
LE_1Mbps_Ant1_2440



LE_1Mbps_Ant1_2480



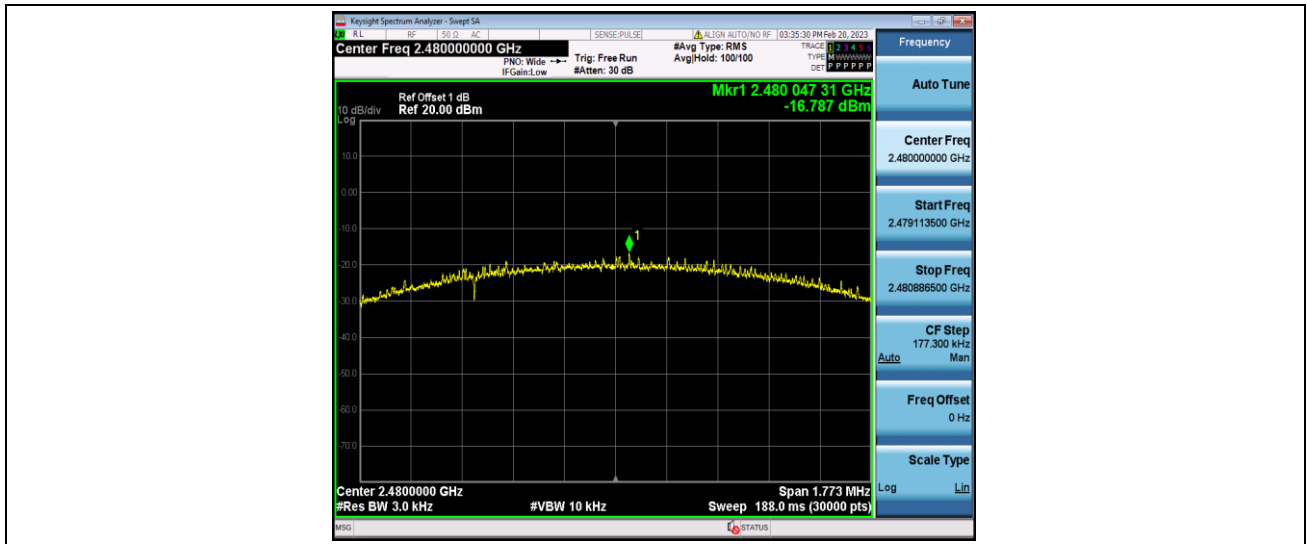
LE_2Mbps_Ant1_2402



LE_2Mbps_Ant1_2440



LE_2Mbps_Ant1_2480



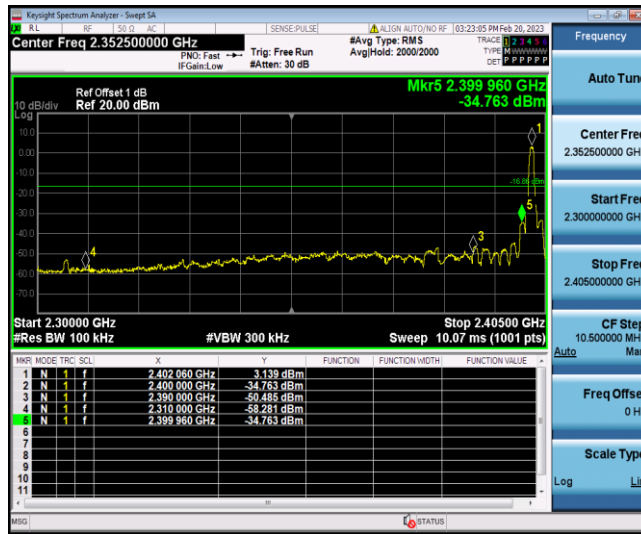
Appendix E: Band edge measurements

Test Result

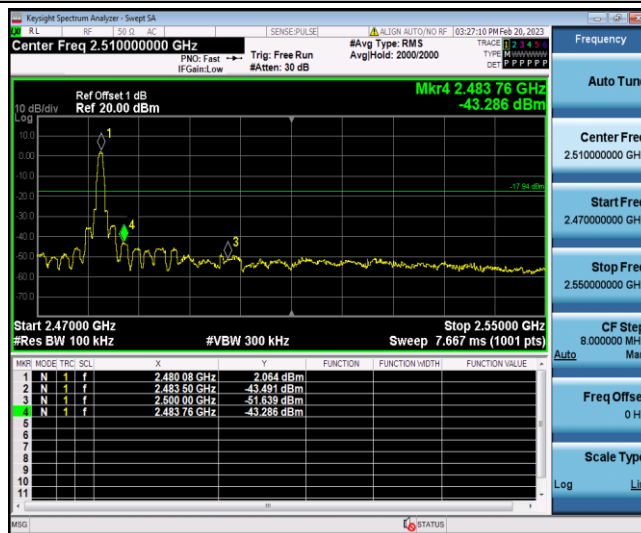
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
LE_1Mbps	Ant1	Low	2402	3.14	-34.76	≤-16.86	PASS
		High	2480	2.06	-43.29	≤-17.94	PASS
LE_2Mbps	Ant1	Low	2402	2.47	-28.13	≤-17.53	PASS
		High	2480	1.41	-43.96	≤-18.59	PASS

Test Graphs

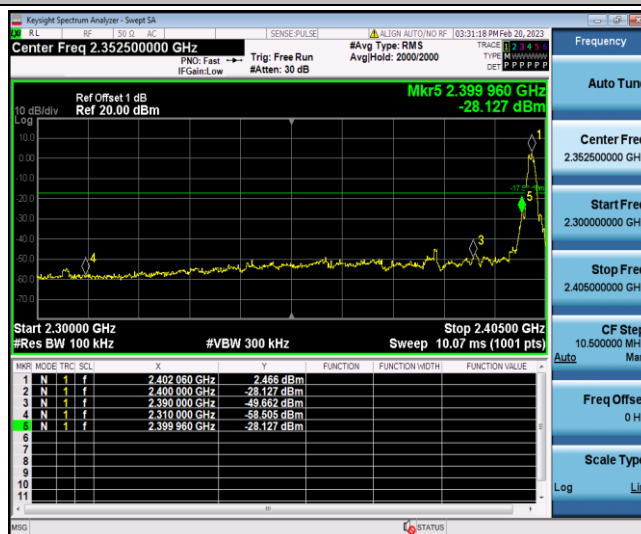
LE_1Mbps_Ant1_Low_2402



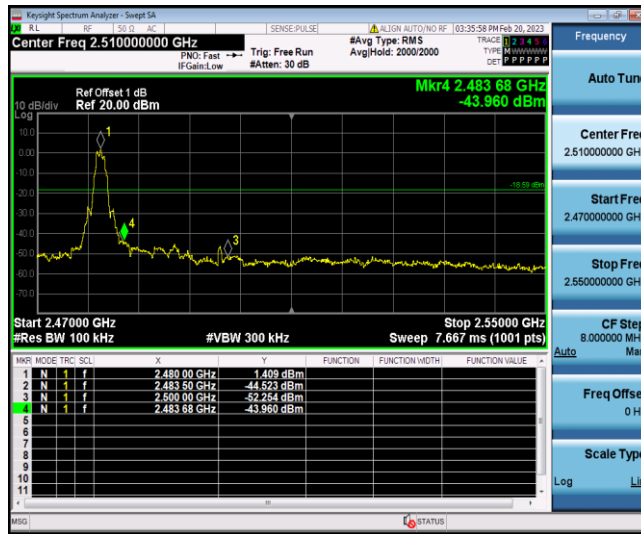
LE_1Mbps_Ant1_High_2480



LE_2Mbps_Ant1_Low_2402



LE_2Mbps_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

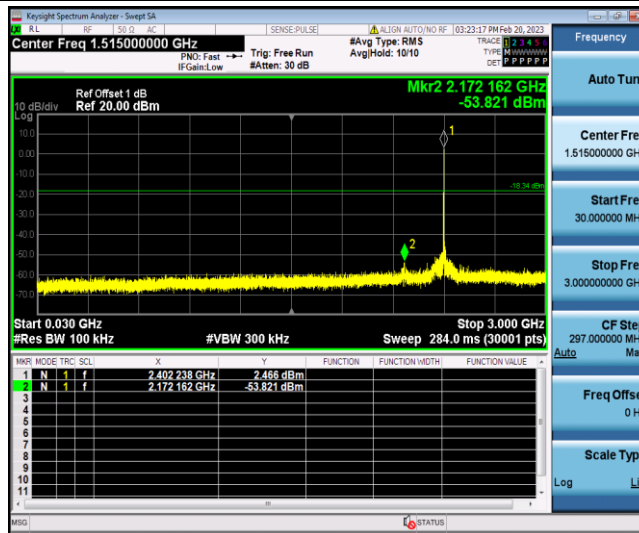
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
LE_1Mbps	Ant1	2402	Reference	1.66	1.66	---	PASS
			30~3000	1.66	-53.82	≤-18.34	PASS
			30~1000	0.11	-67.2	≤-19.89	PASS
			1000~26500	0.11	-40.39	≤-19.89	PASS
			3000~26500	1.66	-41.67	≤-18.34	PASS
		2440	Reference	1.33	1.33	---	PASS
			30~3000	1.33	-55.32	≤-18.67	PASS
			3000~26500	1.33	-44.46	≤-18.67	PASS
		2480	Reference	0.38	0.38	---	PASS
			30~3000	0.38	-55.63	≤-19.62	PASS
			3000~26500	0.38	-44.9	≤-19.62	PASS
		LE_2Mbps	Ant1	2402	Reference	-0.04	-0.04
30~3000	-0.04				-55.12	≤-20.04	PASS
3000~26500	-0.04				-43.61	≤-20.04	PASS
2440	Reference			-0.62	-0.62	---	PASS
	30~3000			-0.62	-53.77	≤-20.62	PASS
	3000~26500			-0.62	-45.08	≤-20.62	PASS
2480	Reference			-1.09	-1.09	---	PASS
	30~3000			-1.09	-52.76	≤-21.09	PASS
	3000~26500			-1.09	-44.42	≤-21.09	PASS

Test Graphs

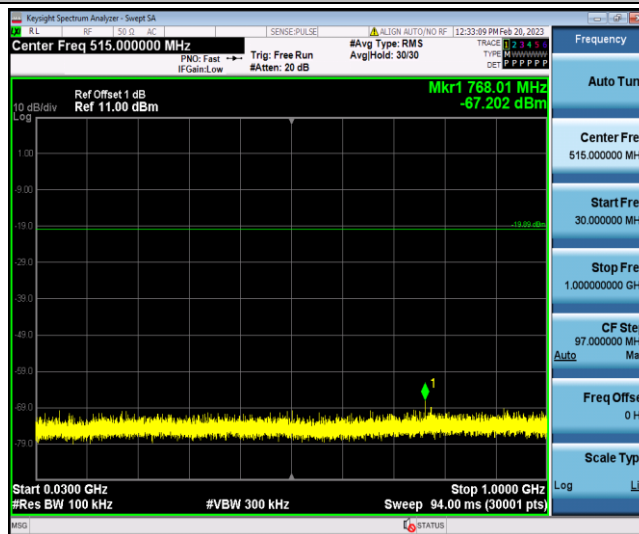
LE_1Mbps_Ant1_2402_0~Reference



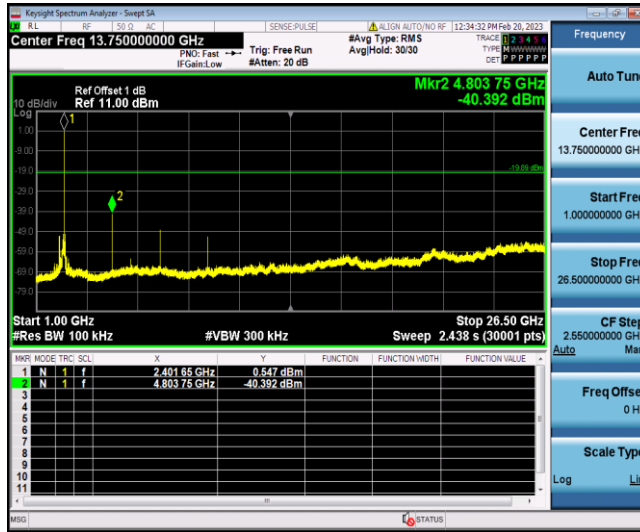
LE_1Mbps_Ant1_2402_30~3000



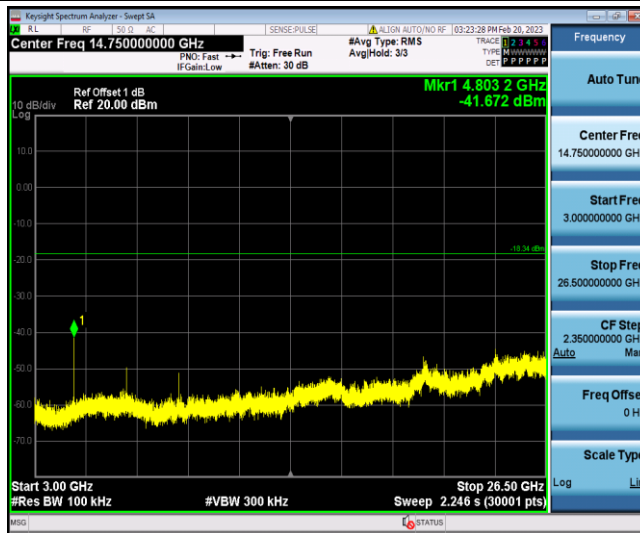
LE_1Mbps_Ant1_2402_30~1000



LE_1Mbps_Ant1_2402_1000~26500



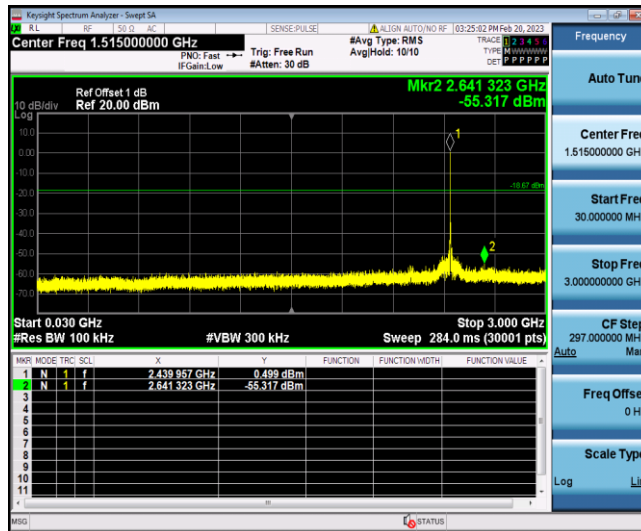
LE_1Mbps_Ant1_2402_3000~26500



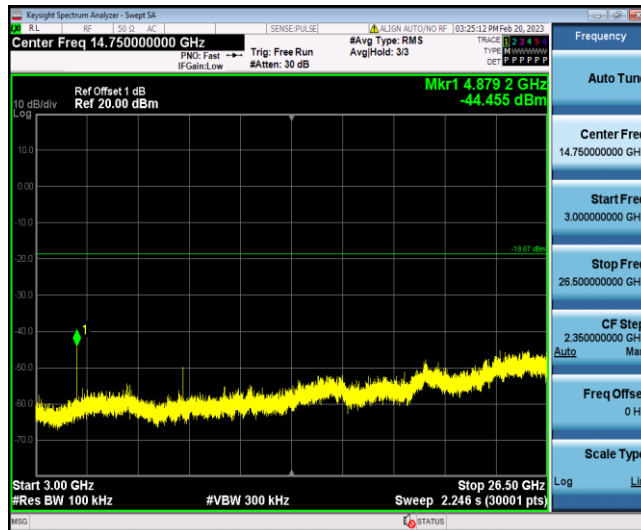
LE_1Mbps_Ant1_2440_0~Reference



LE_1Mbps_Ant1_2440_30~3000



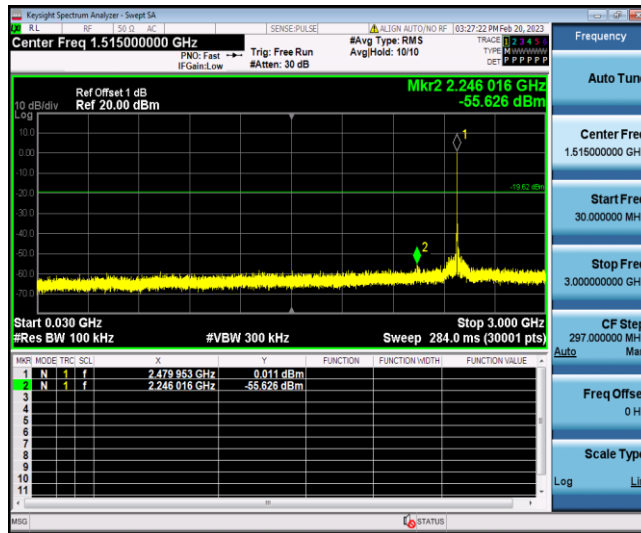
LE_1Mbps_Ant1_2440_3000~26500



LE_1Mbps_Ant1_2480_0~Reference



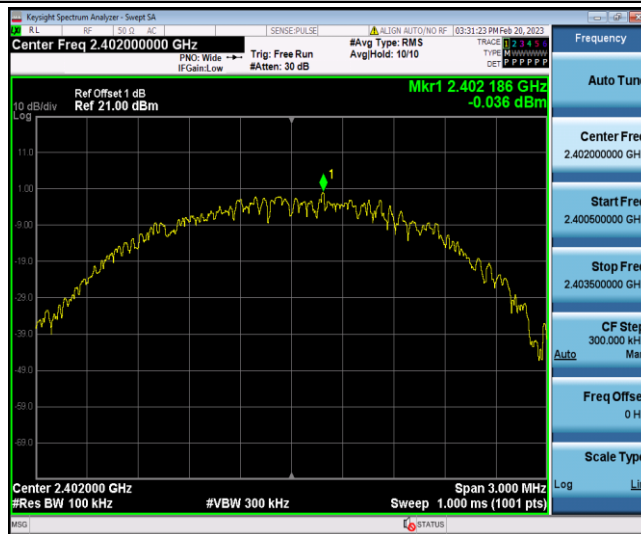
LE_1Mbps_Ant1_2480_30~3000



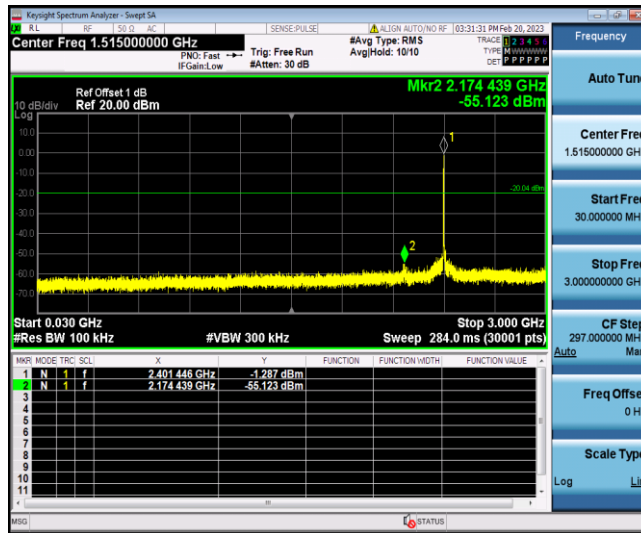
LE_1Mbps_Ant1_2480_3000~26500



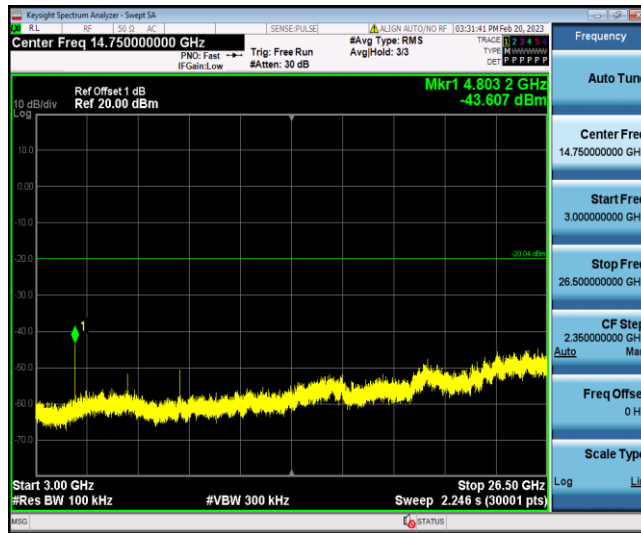
LE_2Mbps_Ant1_2402_0~Reference



LE_2Mbps_Ant1_2402_30~3000



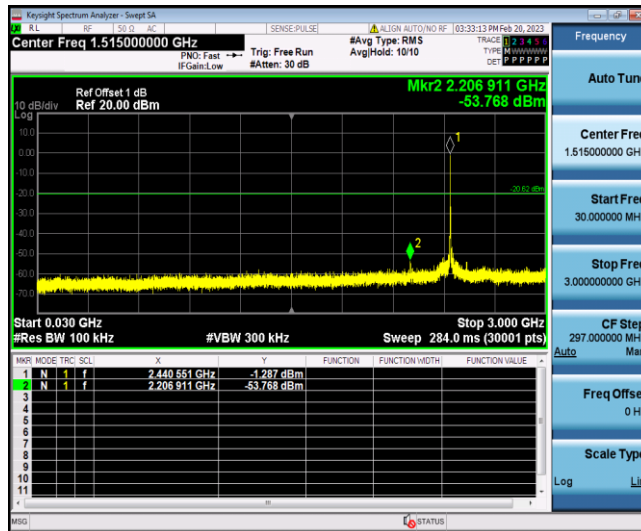
LE_2Mbps_Ant1_2402_3000~26500



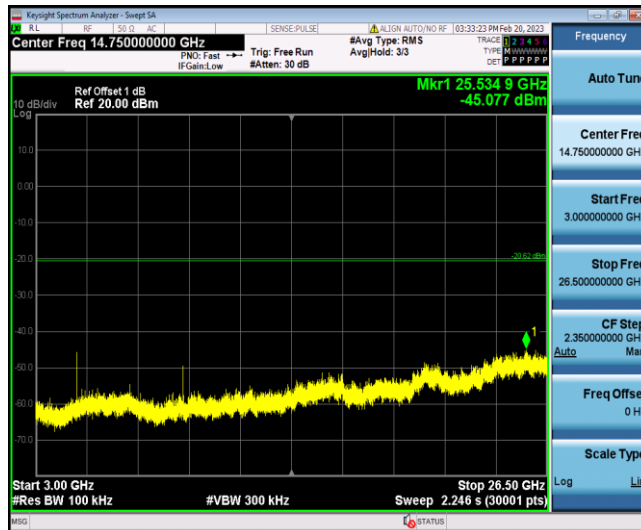
LE_2Mbps_Ant1_2440_0~Reference



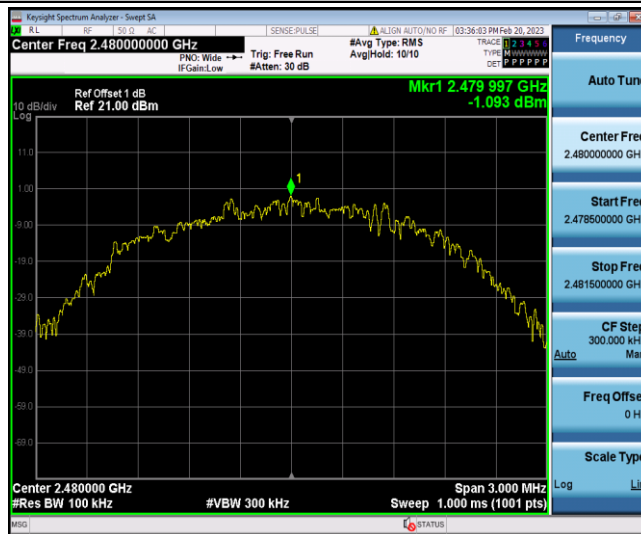
LE_2Mbps_Ant1_2440_30~3000



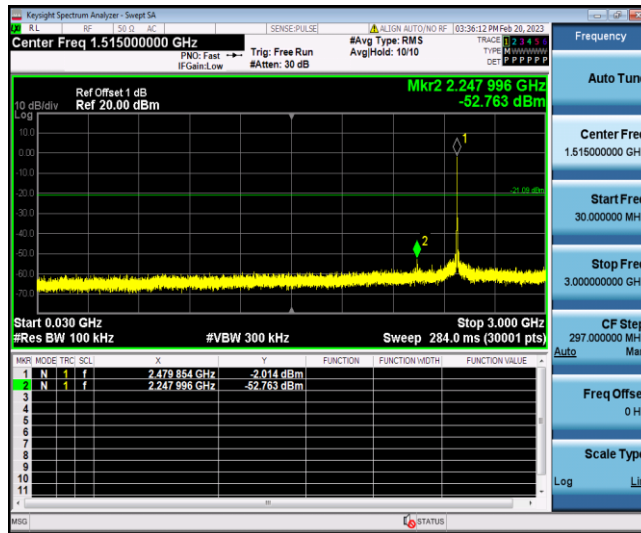
LE_2Mbps_Ant1_2440_3000~26500



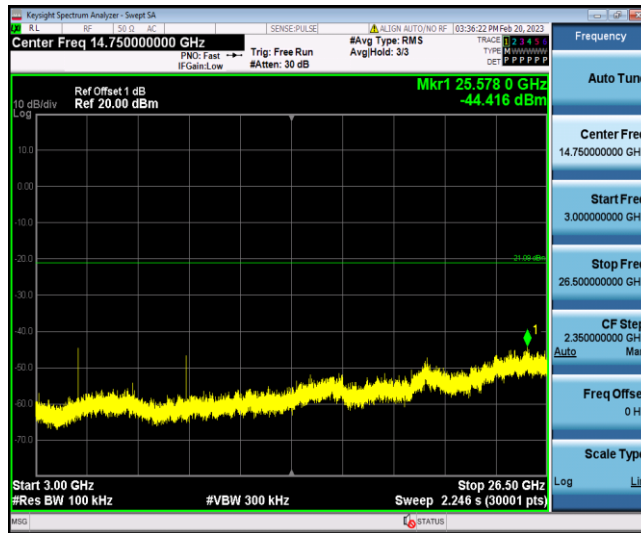
LE_2Mbps_Ant1_2480_0~Reference



LE_2Mbps_Ant1_2480_30~3000



LE_2Mbps_Ant1_2480_3000~26500



***** End *****