



Appendix B: DTS Bandwidth

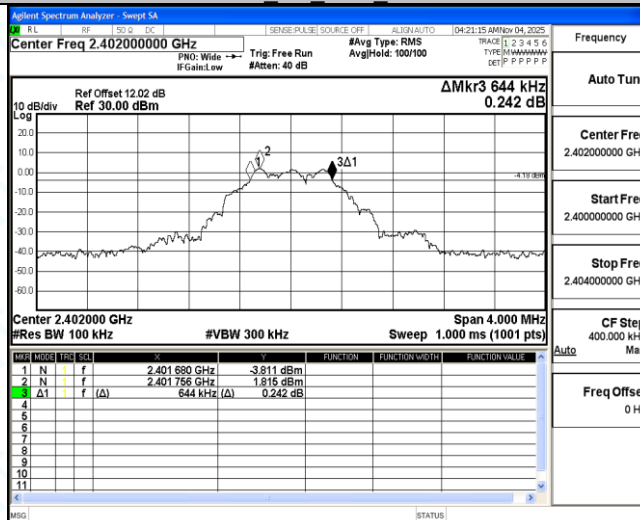
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.680	2402.324	0.5	PASS
		2440	0.652	2439.680	2440.332	0.5	PASS
		2480	0.652	2479.680	2480.332	0.5	PASS
BLE_2M	Ant1	2402	1.124	2401.428	2402.552	0.5	PASS
		2440	1.124	2439.440	2440.564	0.5	PASS
		2480	1.104	2479.456	2480.560	0.5	PASS

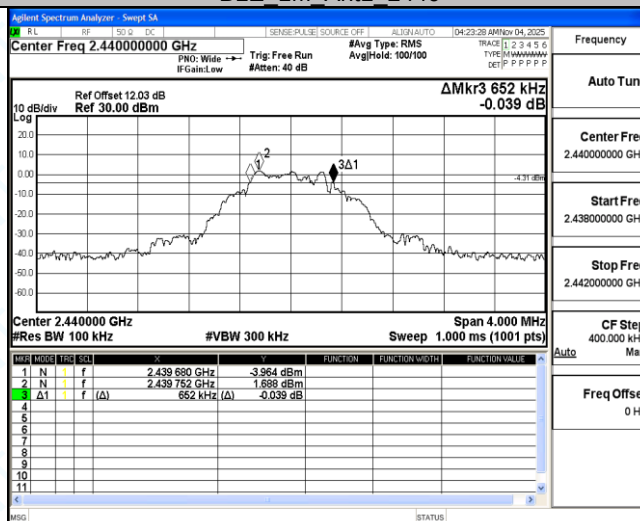


Test Graphs

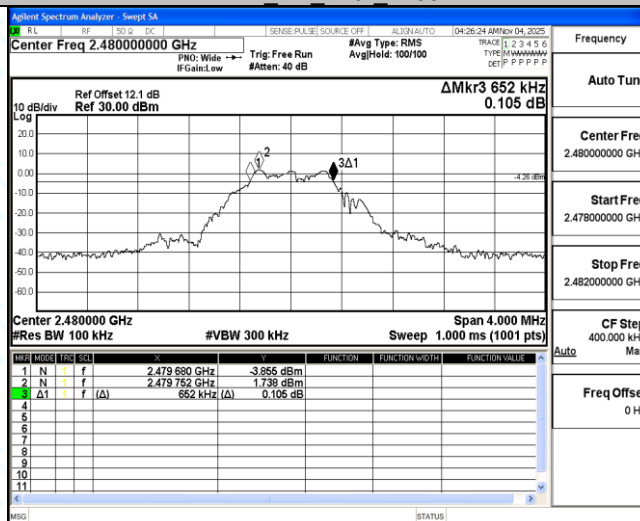
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

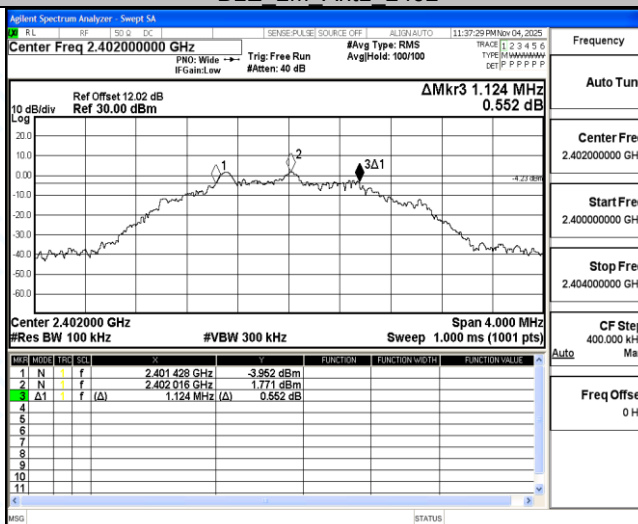


BLE_1M_Ant1_2480

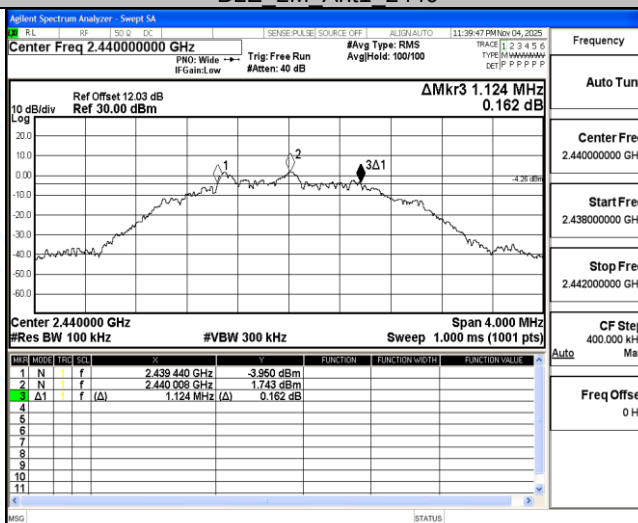




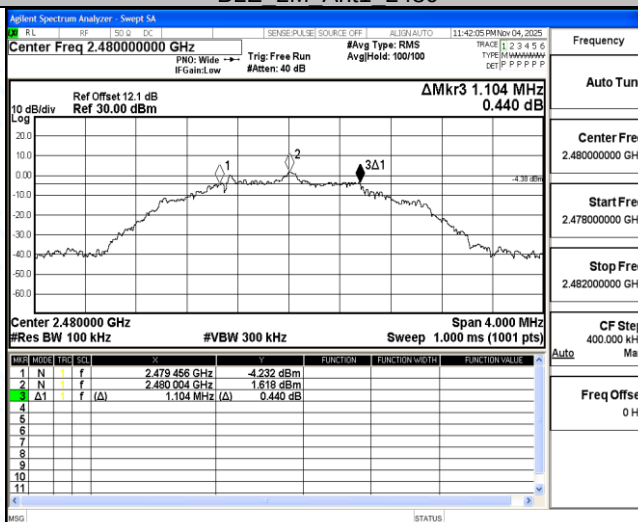
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix C: Maximum conducted output power

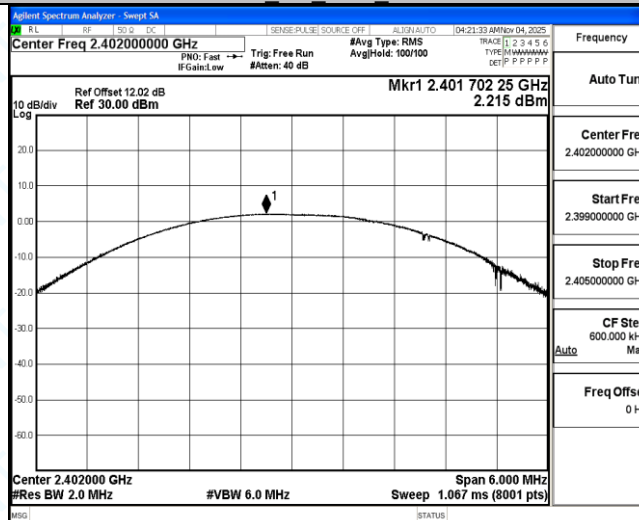
Test Result

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.22	≤30	PASS
		2440	2.09	≤30	PASS
		2480	2.26	≤30	PASS
BLE_2M	Ant1	2402	2.22	≤30	PASS
		2440	2.34	≤30	PASS
		2480	2.23	≤30	PASS

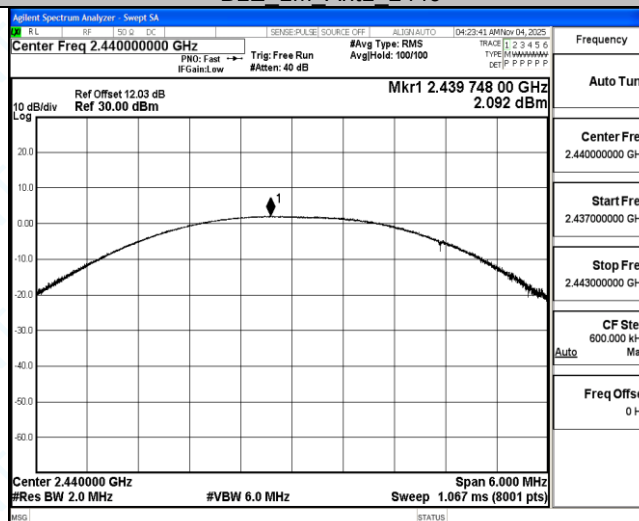


Test Graphs

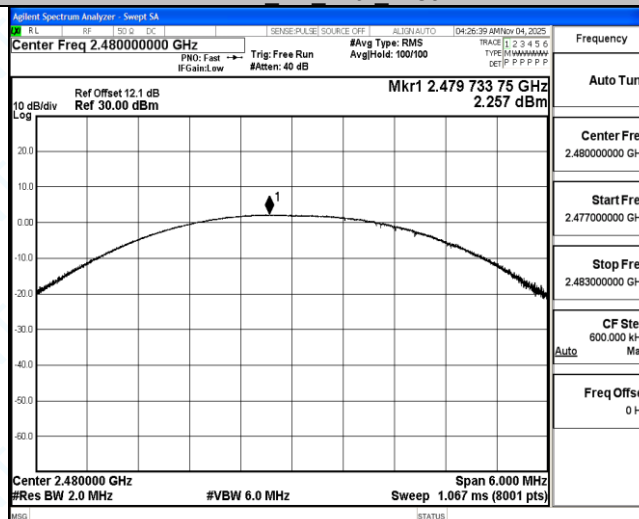
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

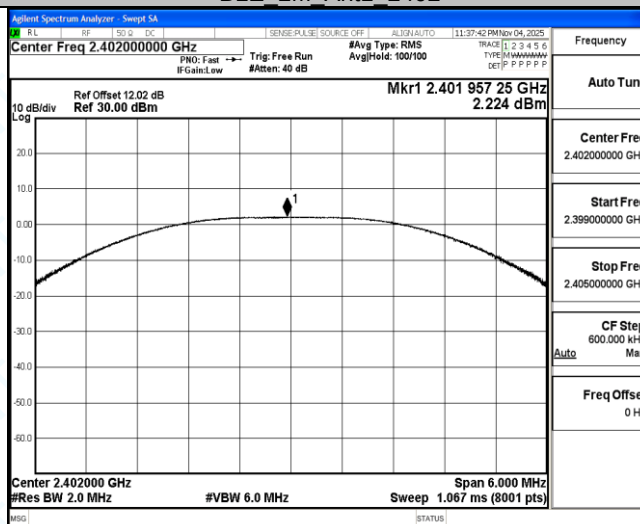


BLE_1M_Ant1_2480

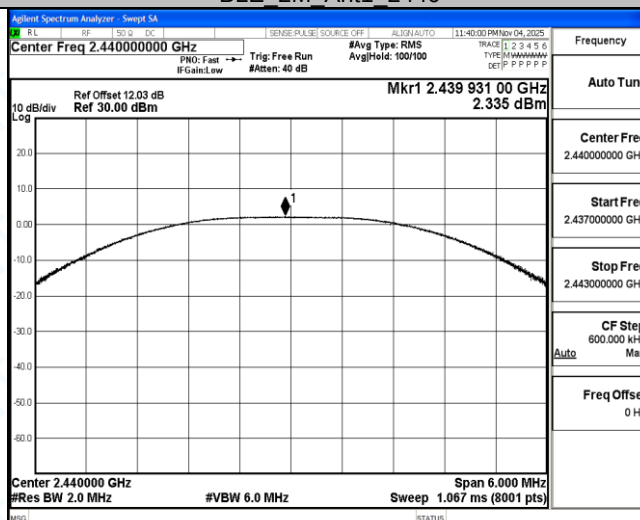




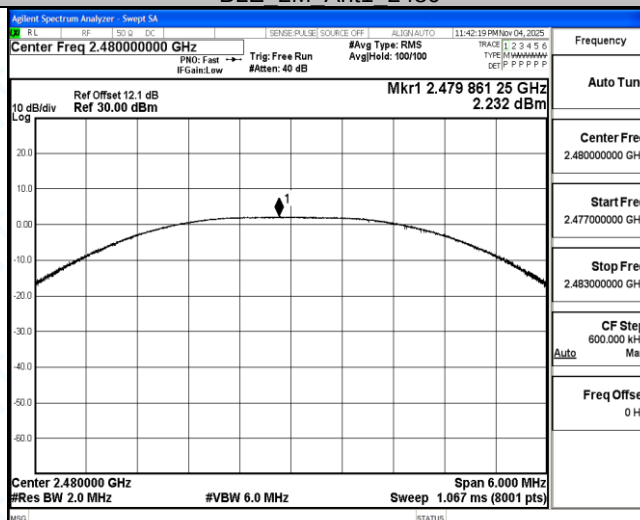
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix D: Maximum power spectral density

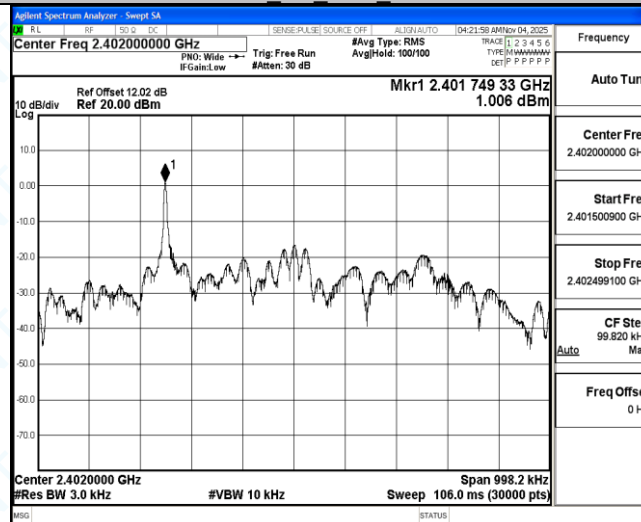
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	1.01	≤8.00	PASS
		2440	0.80	≤8.00	PASS
		2480	0.94	≤8.00	PASS
BLE_2M	Ant1	2402	-16.45	≤8.00	PASS
		2440	-15.97	≤8.00	PASS
		2480	-16.30	≤8.00	PASS

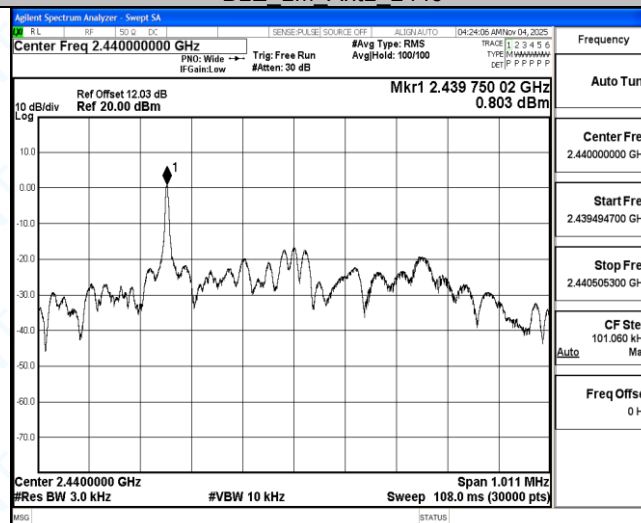


Test Graphs

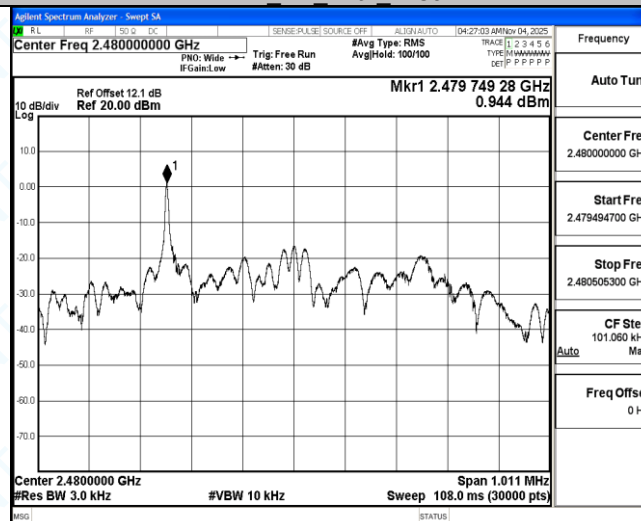
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

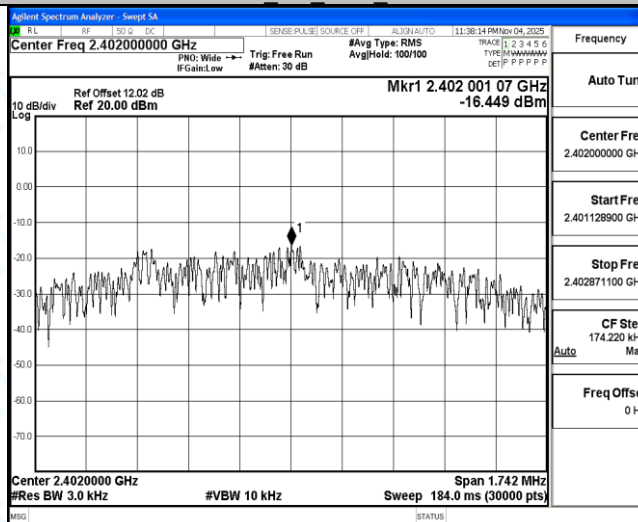


BLE_1M_Ant1_2480

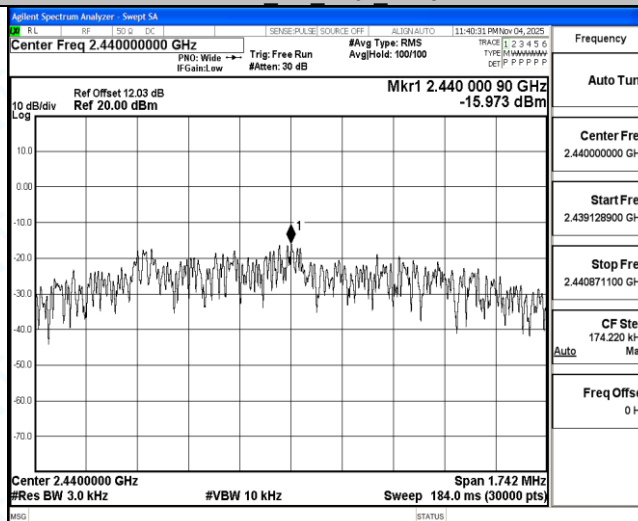




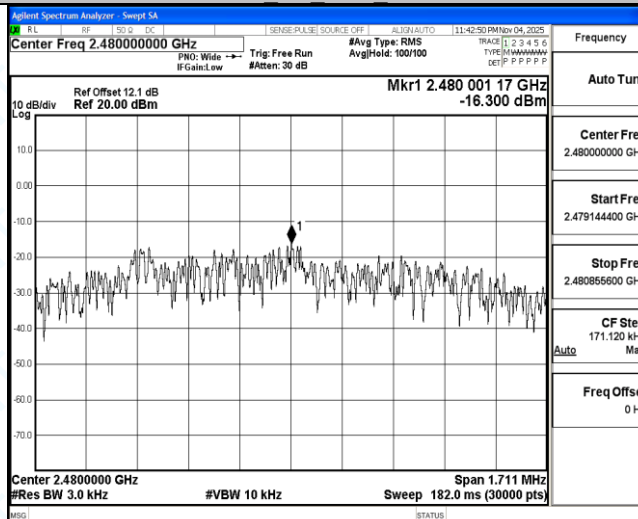
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix E: Band edge measurements

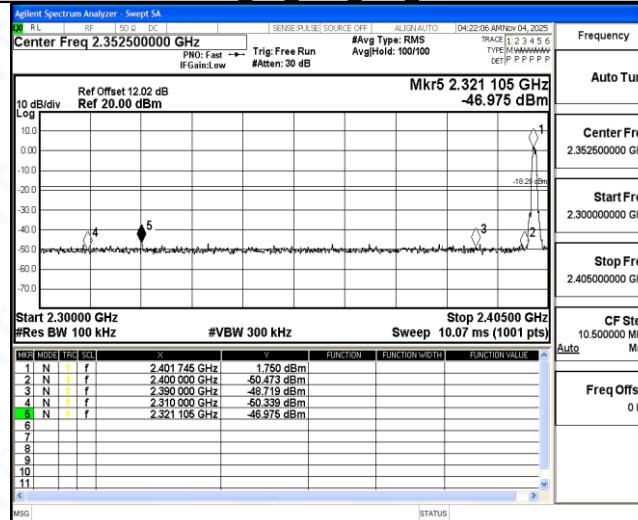
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.75	-46.98	≤-18.25	PASS
		High	2480	1.72	-46.45	≤-18.28	PASS
BLE_2M	Ant1	Low	2402	1.81	-47.55	≤-18.19	PASS
		High	2480	1.71	-46.9	≤-18.29	PASS

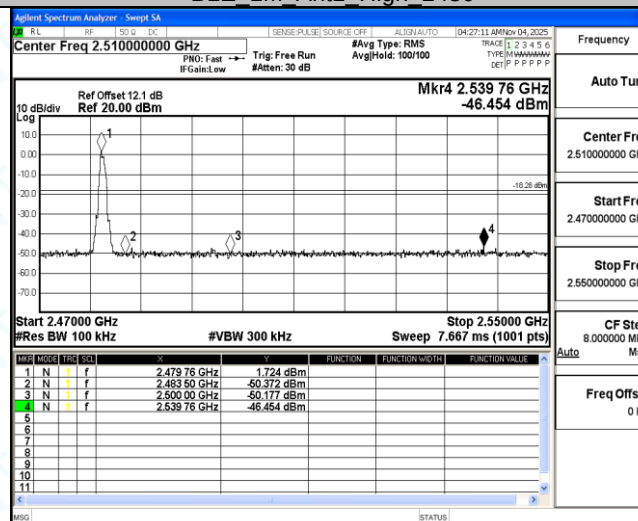


Test Graphs

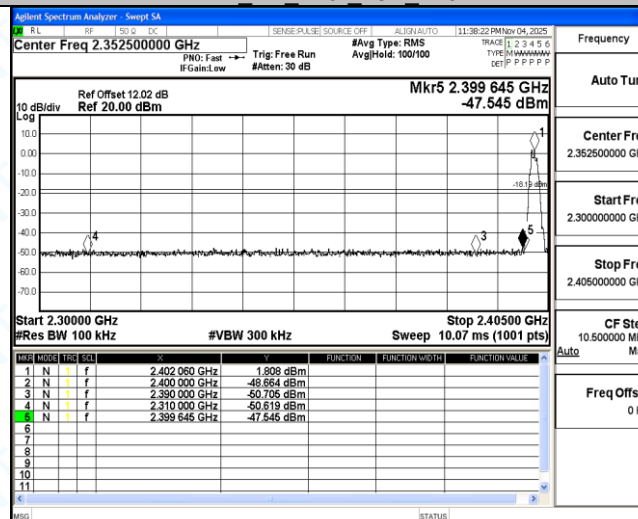
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480

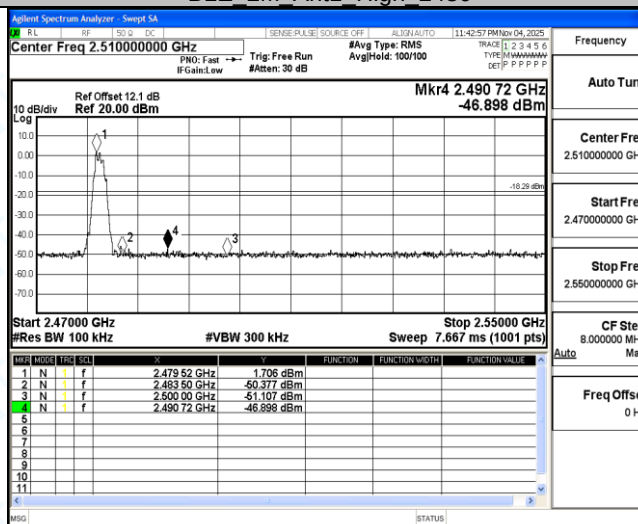


BLE 2M Ant1 Low 2402





BLE_2M_Ant1_High_2480





Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.73	1.73	---	PASS
			30~1000	1.73	-58.12	≤ -18.27	PASS
			1000~26500	1.73	-38.93	≤ -18.27	PASS
		2440	Reference	1.65	1.65	---	PASS
			30~1000	1.65	-59.5	≤ -18.35	PASS
			1000~26500	1.65	-39.75	≤ -18.35	PASS
		2480	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-59.02	≤ -18.29	PASS
			1000~26500	1.71	-38.87	≤ -18.29	PASS
BLE_2M	Ant1	2402	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-59.52	≤ -18.49	PASS
			1000~26500	1.51	-37.24	≤ -18.49	PASS
		2440	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-56.51	≤ -18.2	PASS
			1000~26500	1.80	-43.92	≤ -18.2	PASS
		2480	Reference	1.60	1.60	---	PASS
			30~1000	1.60	-58.53	≤ -18.4	PASS
			1000~26500	1.60	-44.13	≤ -18.4	PASS

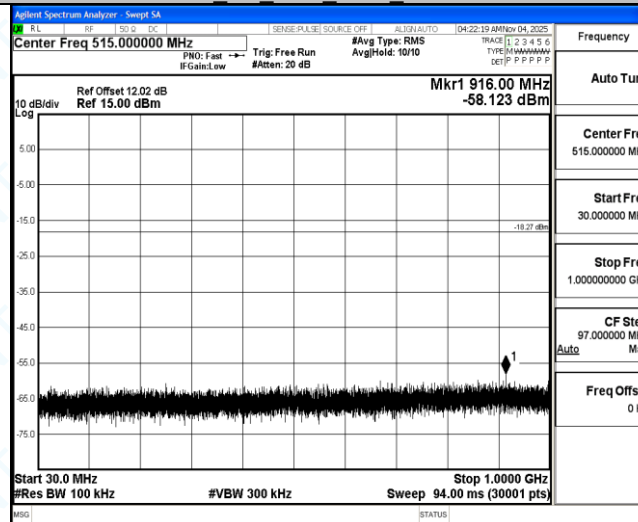


Test Graphs

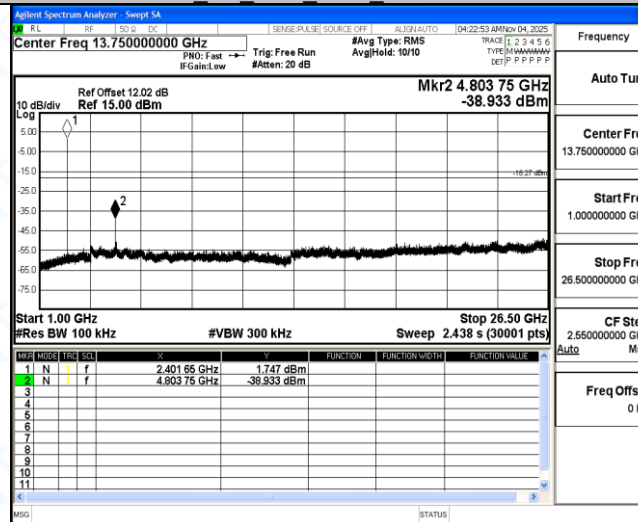
BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000

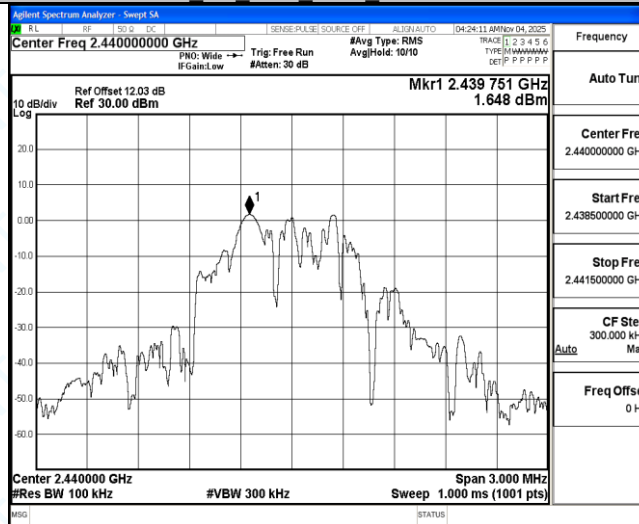


BLE 1M Ant1 2402 1000~26500

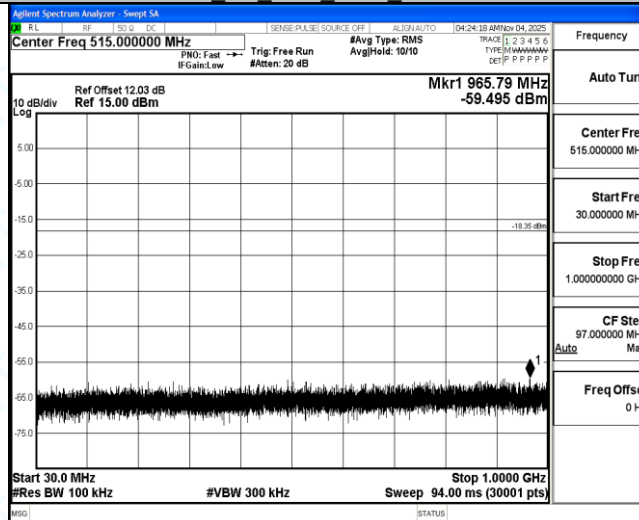




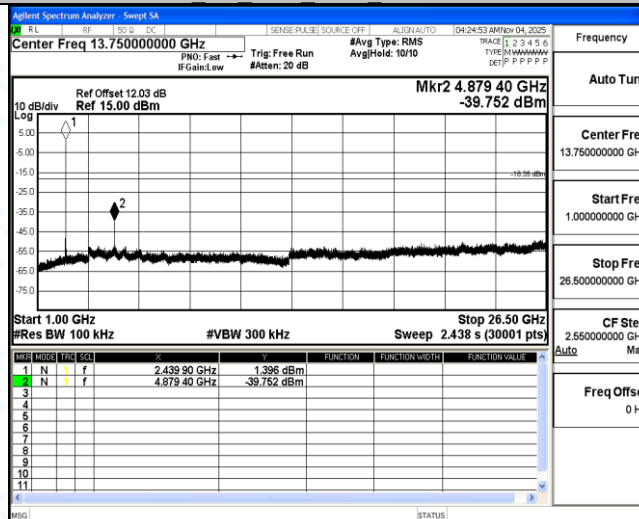
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000



BLE 1M Ant1 2440 1000~26500

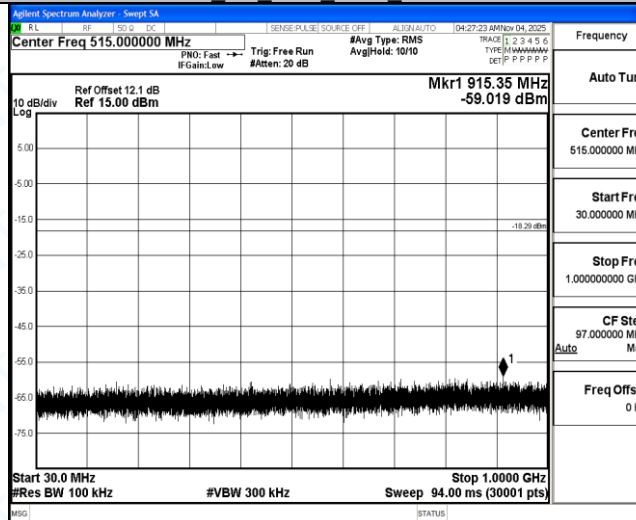




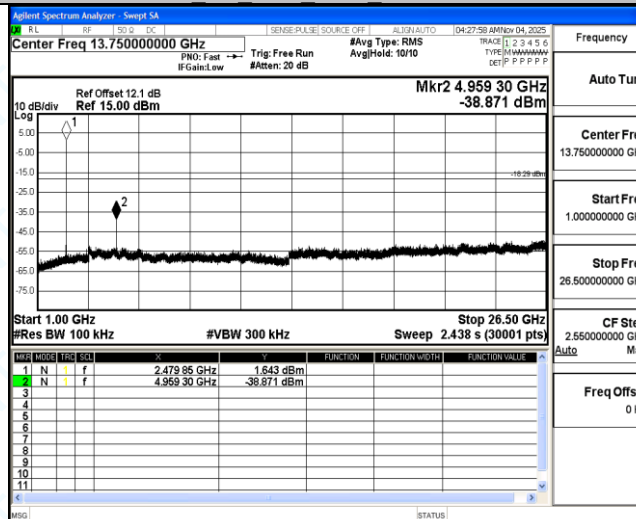
BLE 1M Ant1 2480 0~Reference



BLE 1M Ant1 2480 30~1000

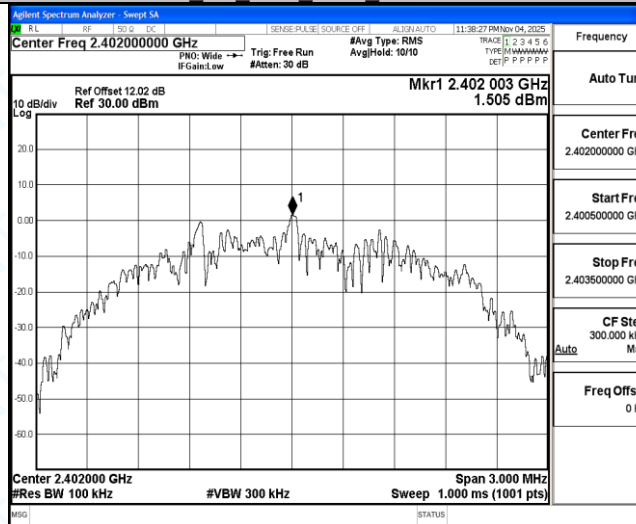


BLE 1M Ant1 2480 1000~26500

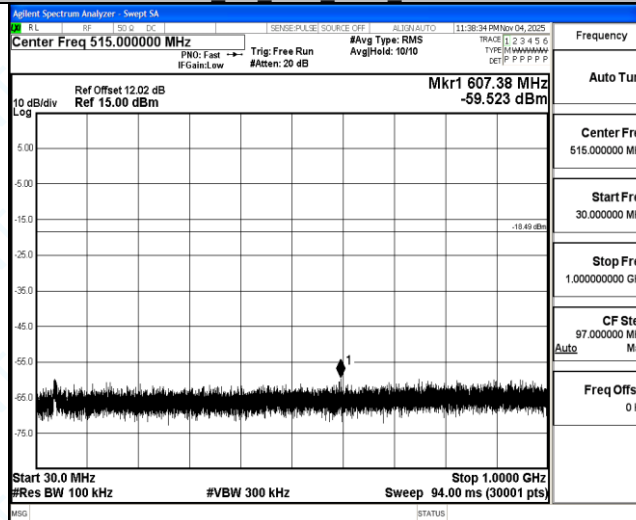




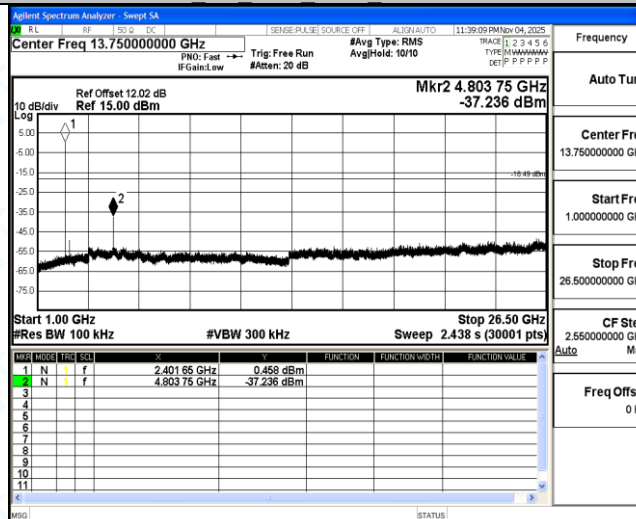
BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000

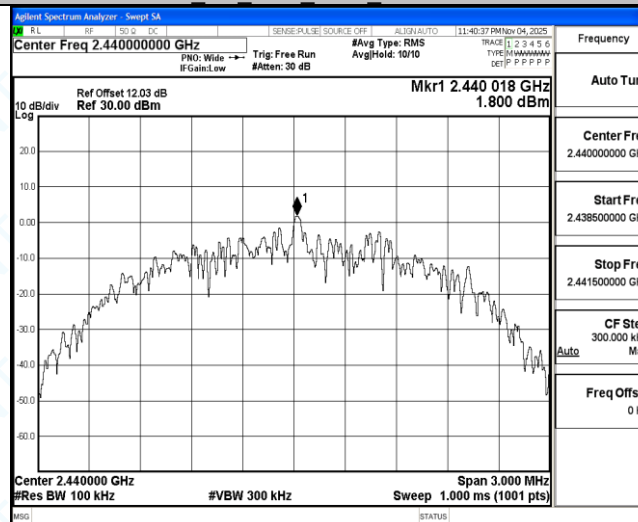


BLE 2M Ant1 2402 1000~26500

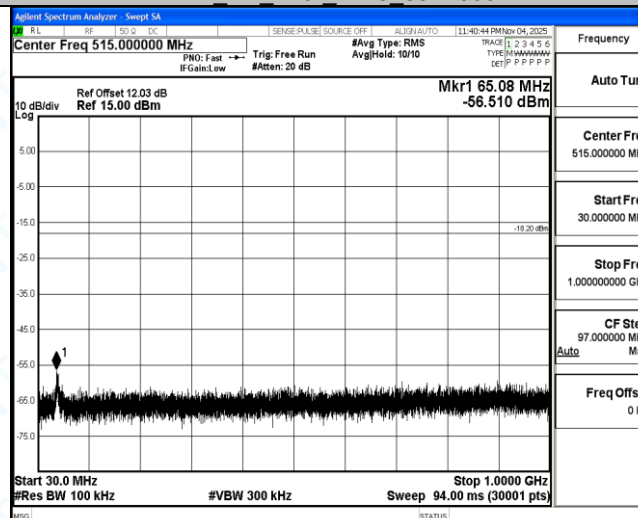




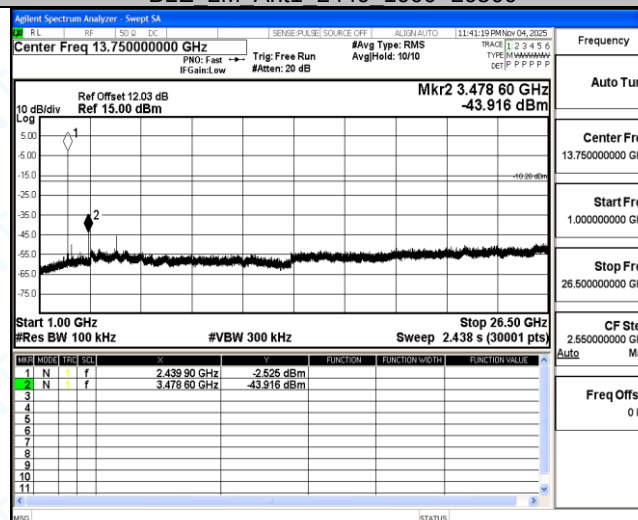
BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000

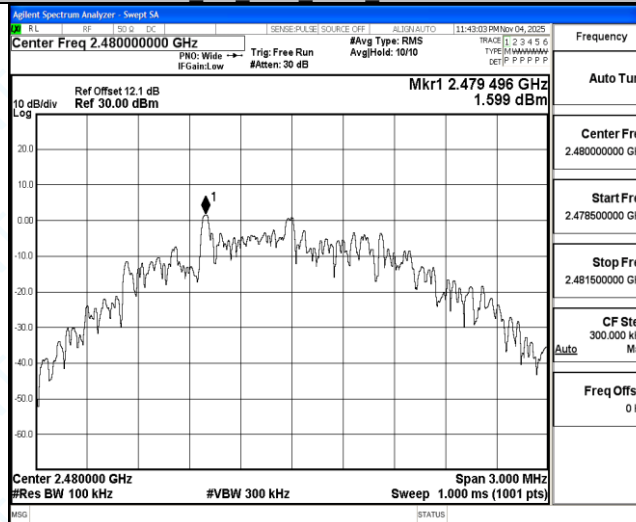


BLE 2M Ant1 2440 1000~26500

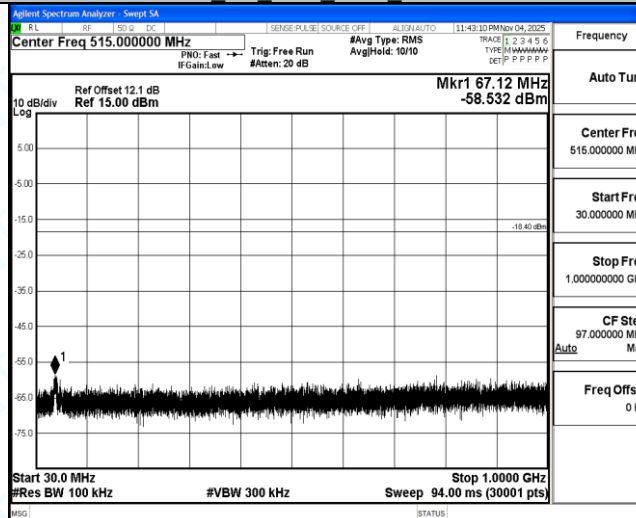




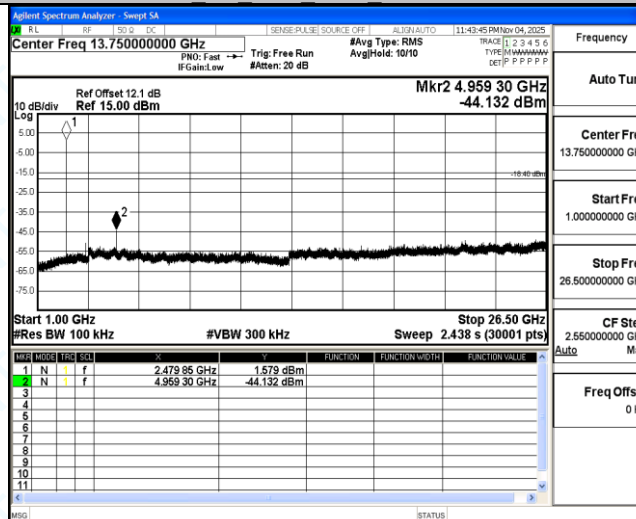
BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



The End Report

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