

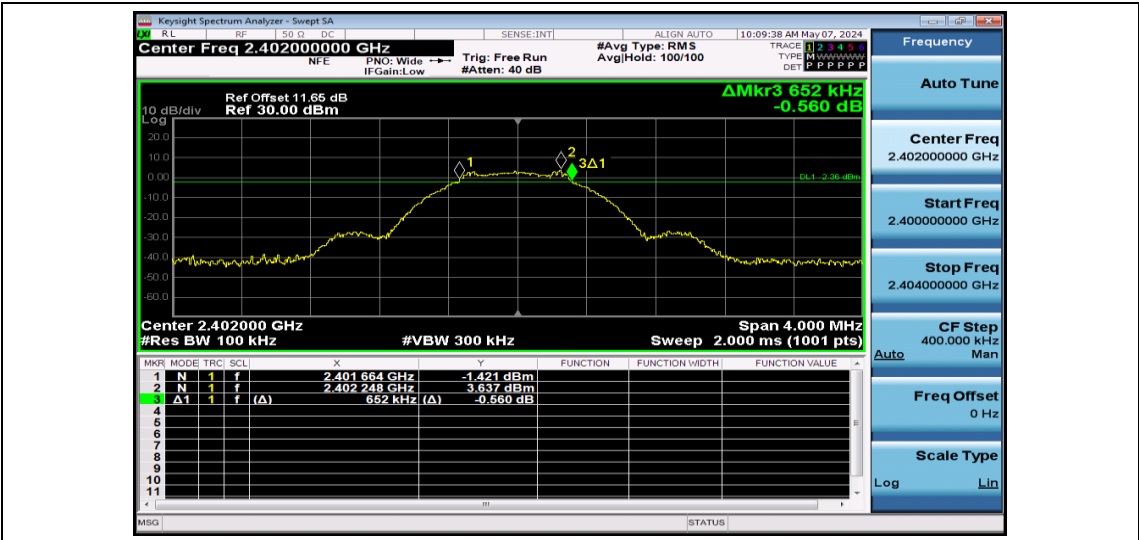
Appendix B Results of 2404B1483SHA-002

DTS Bandwidth

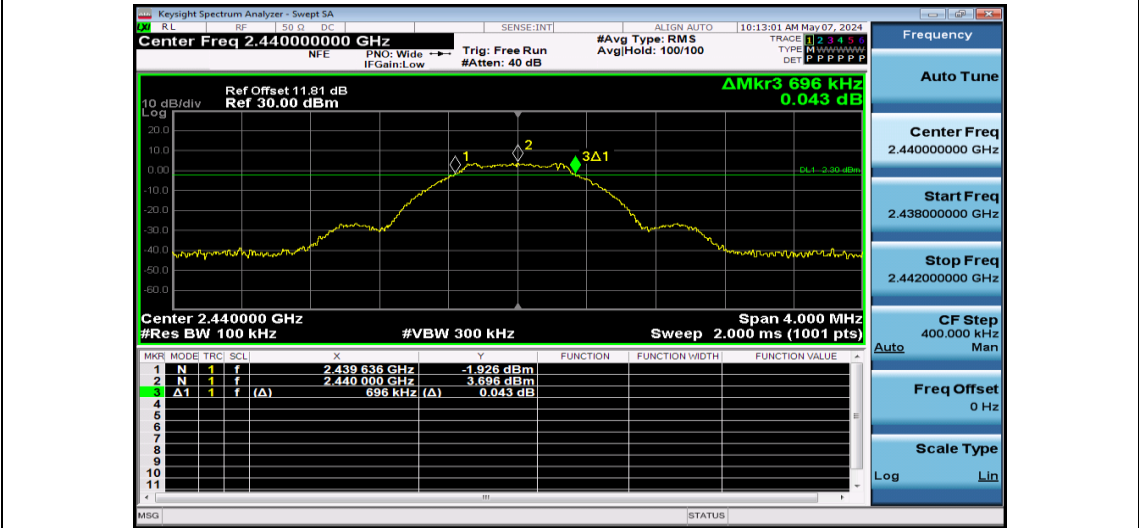
Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.664	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.636	2440.332	0.5	PASS
BLE_1M	Ant1	2480	0.704	2479.624	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.144	2401.428	2402.572	0.5	PASS
BLE_2M	Ant1	2440	1.228	2439.344	2440.572	0.5	PASS
BLE_2M	Ant1	2480	1.132	2479.412	2480.544	0.5	PASS

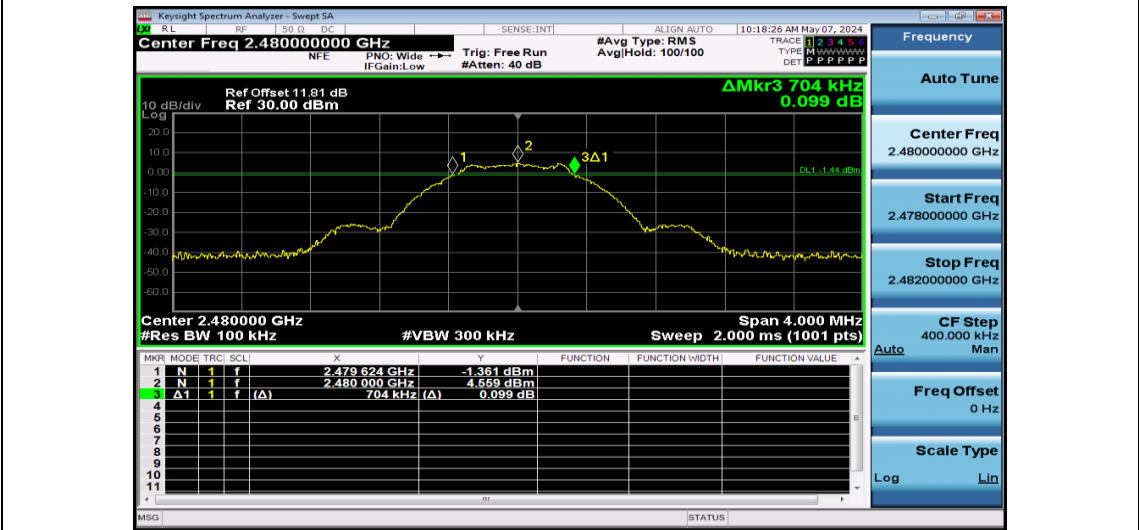
Test Graphs



BLE_1M-Ant1-2402-PASS



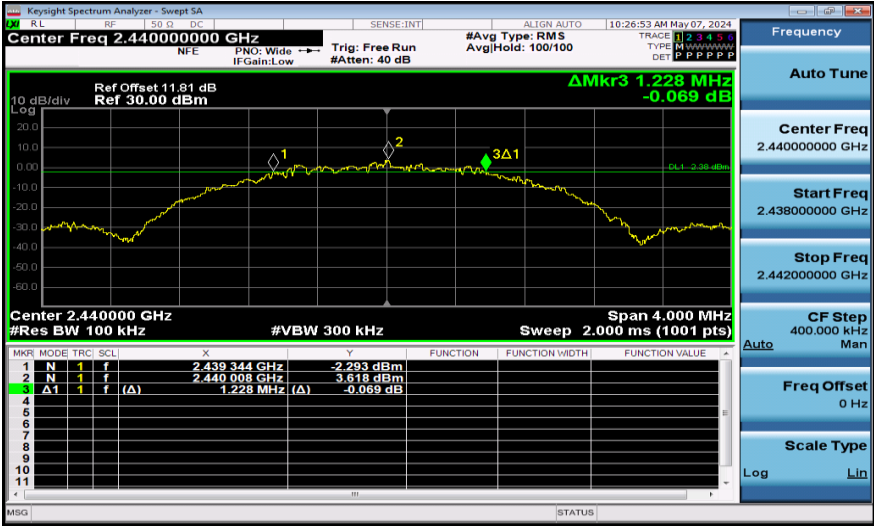
BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



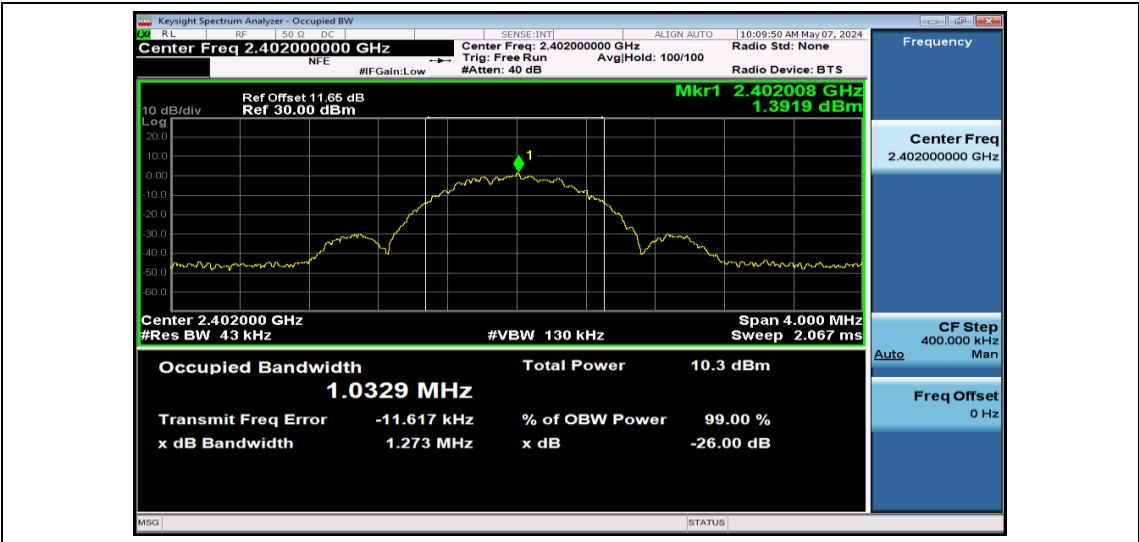
BLE_2M-Ant1-2480-PASS

Occupied Channel Bandwidth

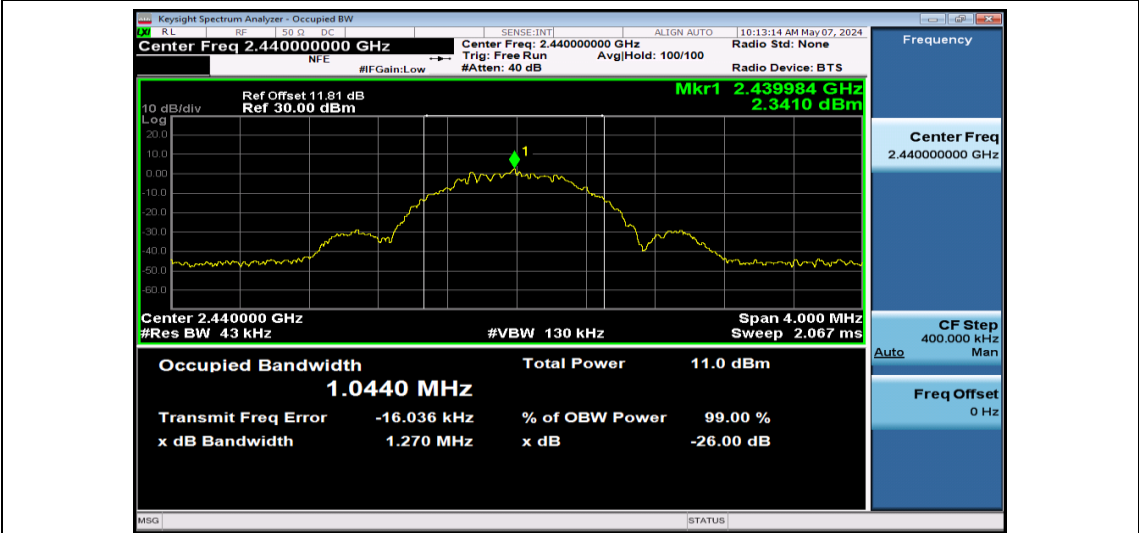
Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0329	2401.4719	2402.5048	---	---
BLE_1M	Ant1	2440	1.0440	2439.4620	2440.5060	---	---
BLE_1M	Ant1	2480	1.0366	2479.4711	2480.5077	---	---
BLE_2M	Ant1	2402	2.0638	2400.9685	2403.0323	---	---
BLE_2M	Ant1	2440	2.0644	2438.9673	2441.0317	---	---
BLE_2M	Ant1	2480	2.0603	2478.9717	2481.0320	---	---

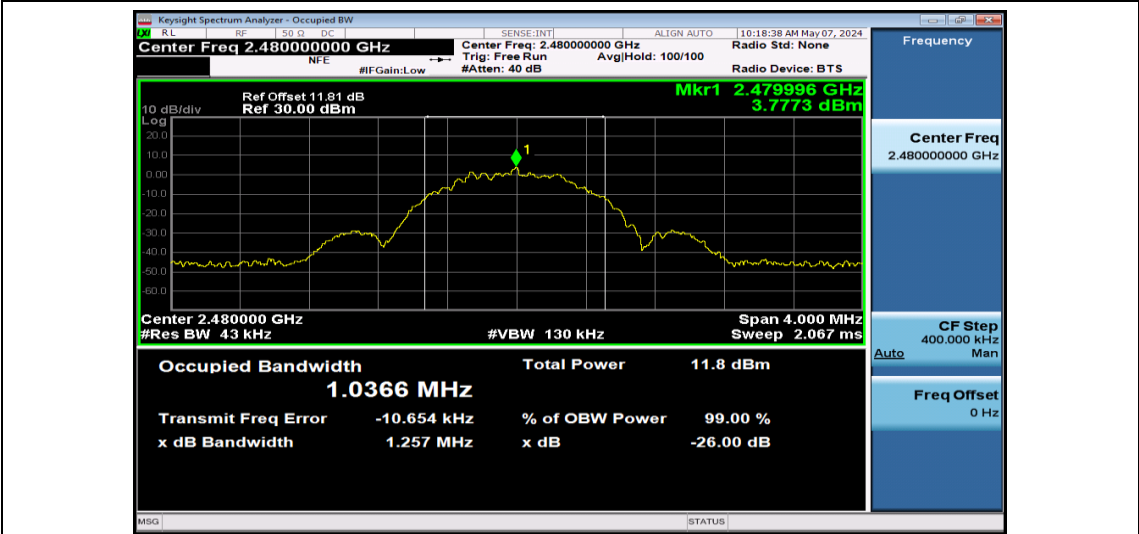
Test Graphs



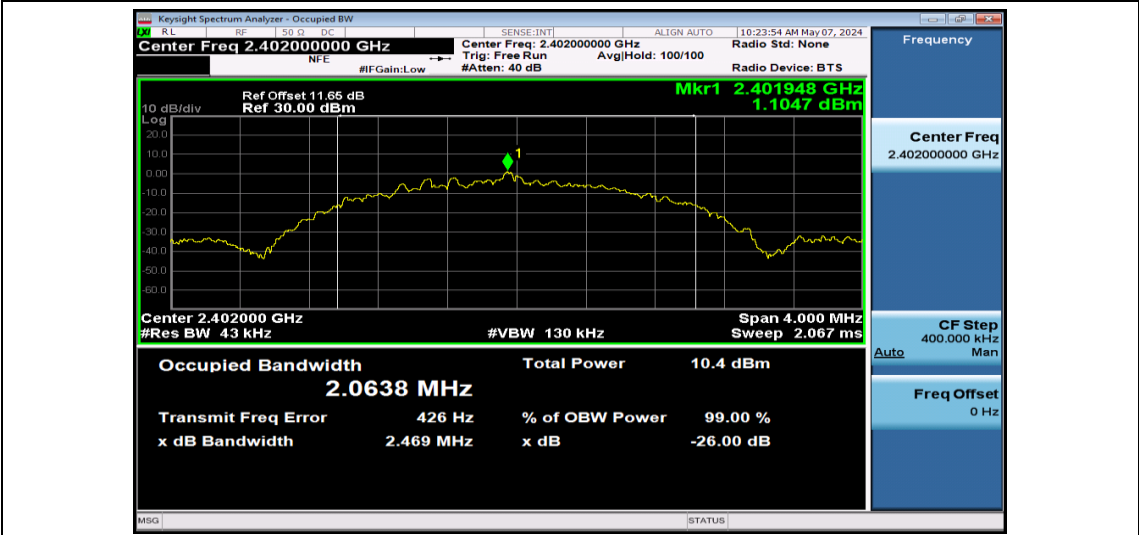
BLE_1M-Ant1-2402



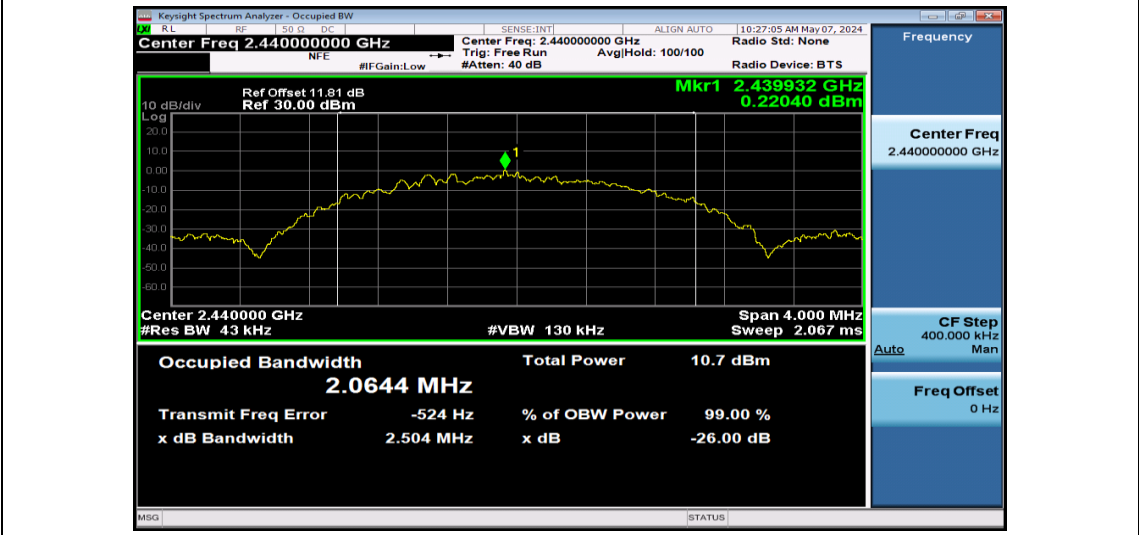
BLE_1M-Ant1-2440



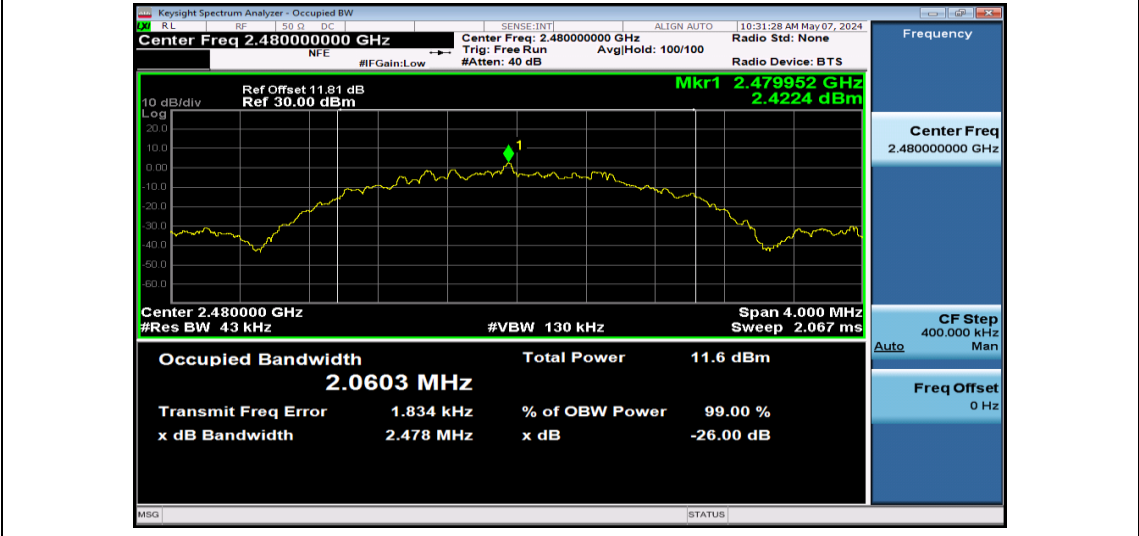
BLE_1M-Ant1-2480



BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



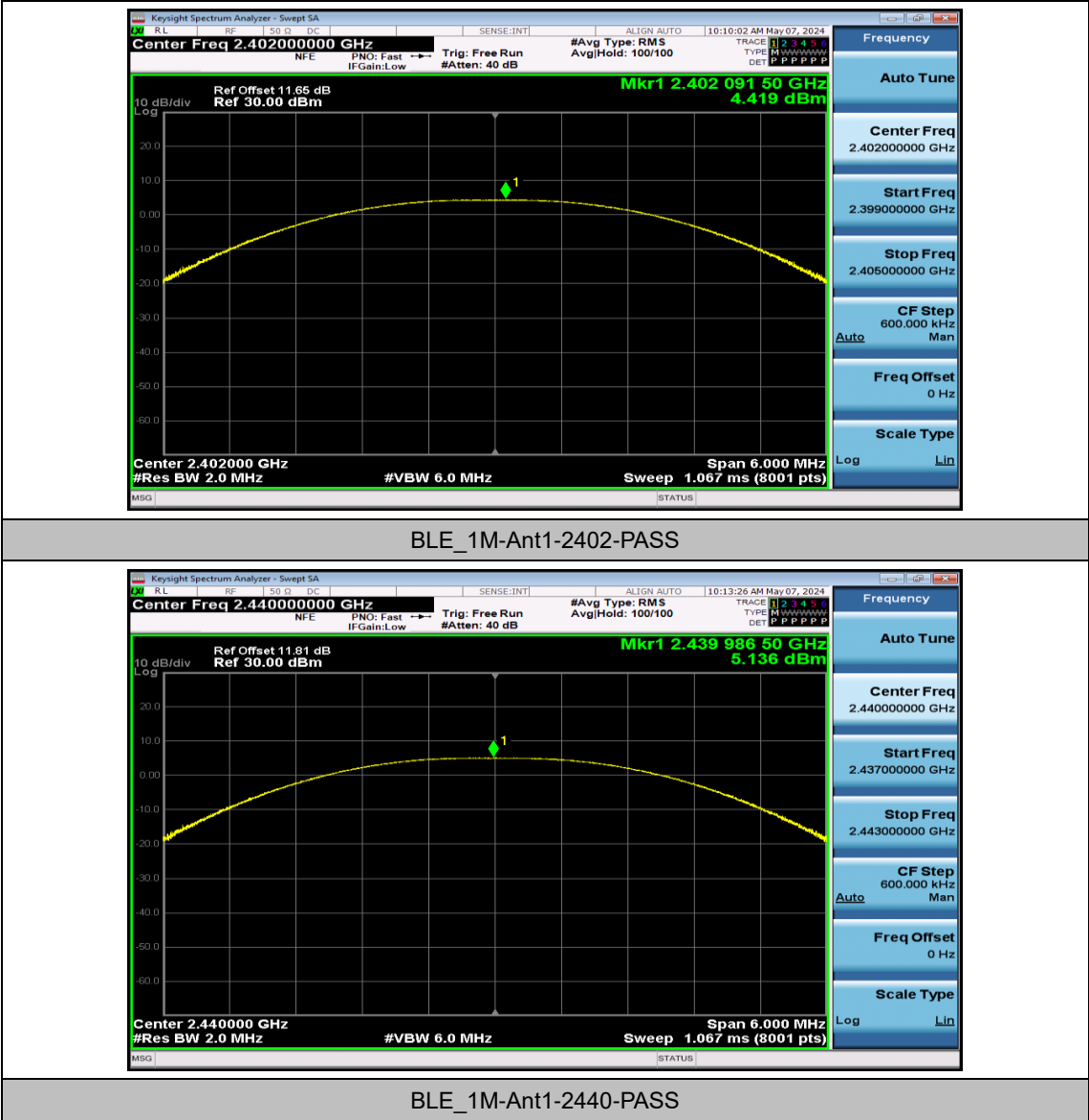
BLE_2M-Ant1-2480

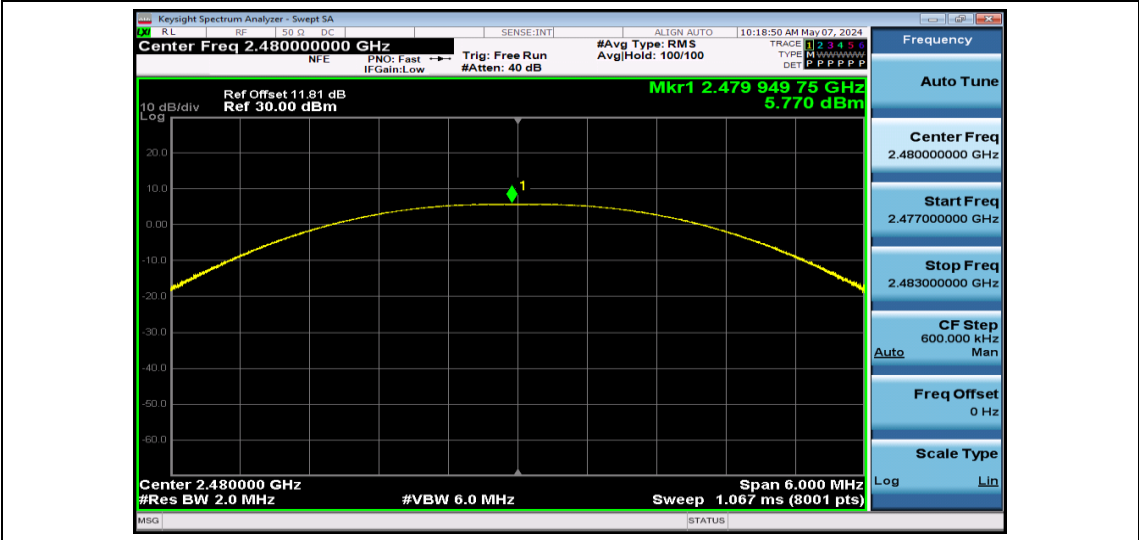
Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.42	≤30	7.42	≤36	PASS
BLE_1M	Ant1	2440	5.14	≤30	8.14	≤36	PASS
BLE_1M	Ant1	2480	5.77	≤30	8.77	≤36	PASS
BLE_2M	Ant1	2402	4.52	≤30	7.52	≤36	PASS
BLE_2M	Ant1	2440	5.09	≤30	8.09	≤36	PASS
BLE_2M	Ant1	2480	5.65	≤30	8.65	≤36	PASS

Test Graphs Peak





BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

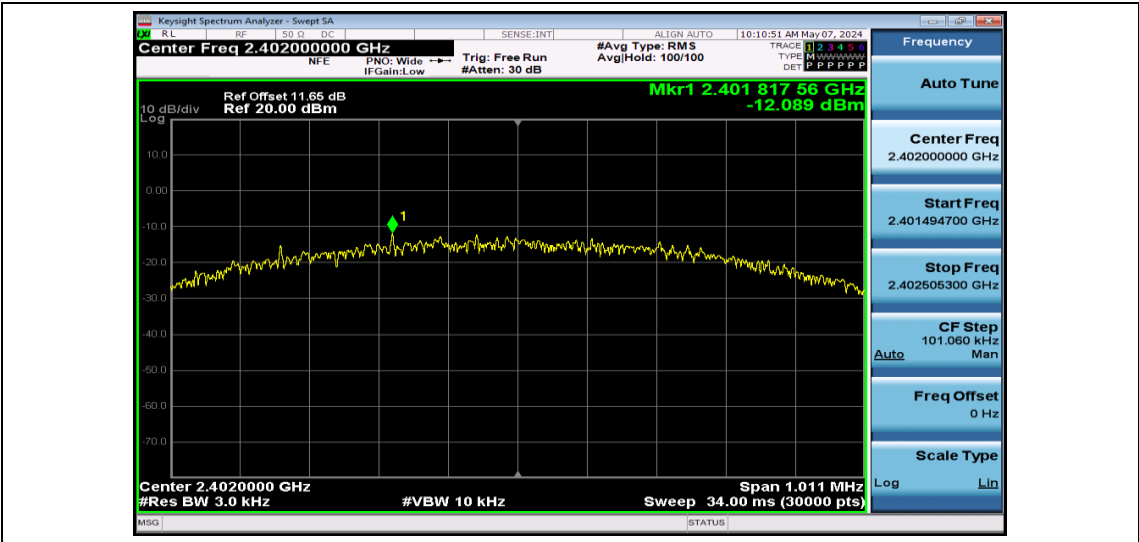


Maximum power spectral density

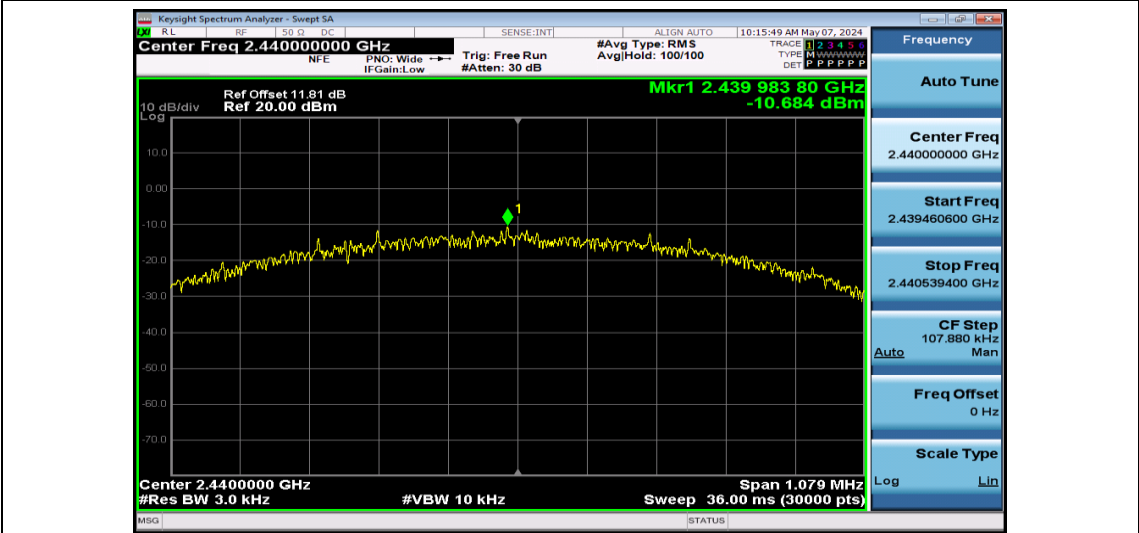
Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.09	≤8.00	PASS
BLE_1M	Ant1	2440	-10.68	≤8.00	PASS
BLE_1M	Ant1	2480	-10.68	≤8.00	PASS
BLE_2M	Ant1	2402	-15.25	≤8.00	PASS
BLE_2M	Ant1	2440	-14.22	≤8.00	PASS
BLE_2M	Ant1	2480	-12.61	≤8.00	PASS

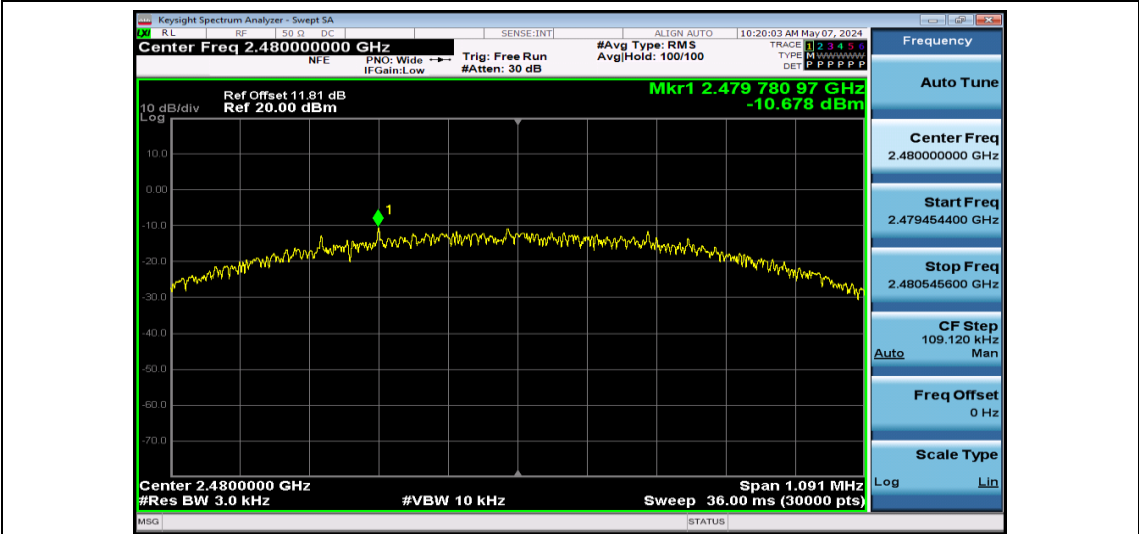
Test Graphs



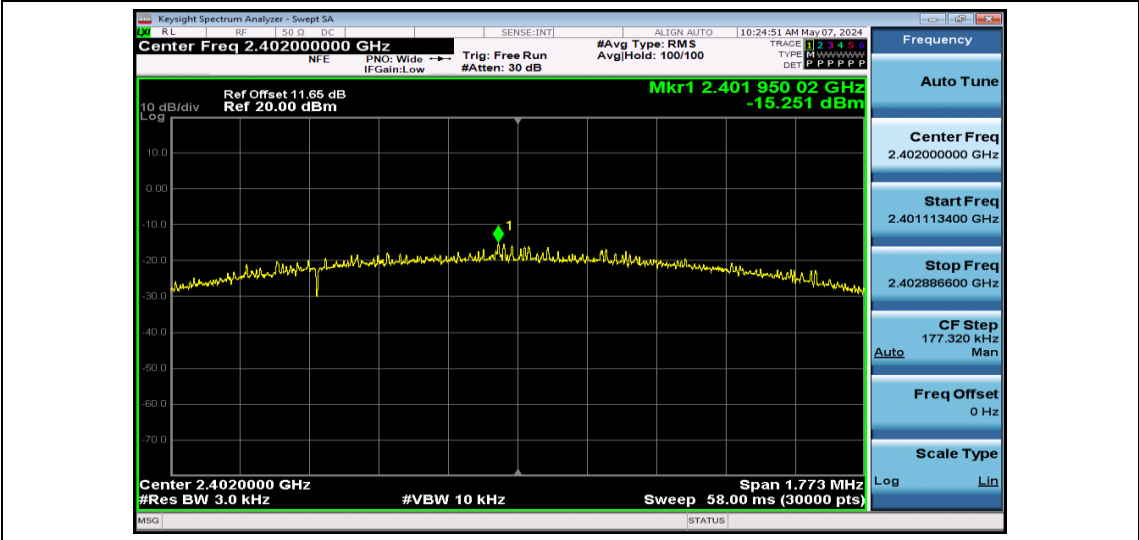
BLE_1M-Ant1-2402-PASS



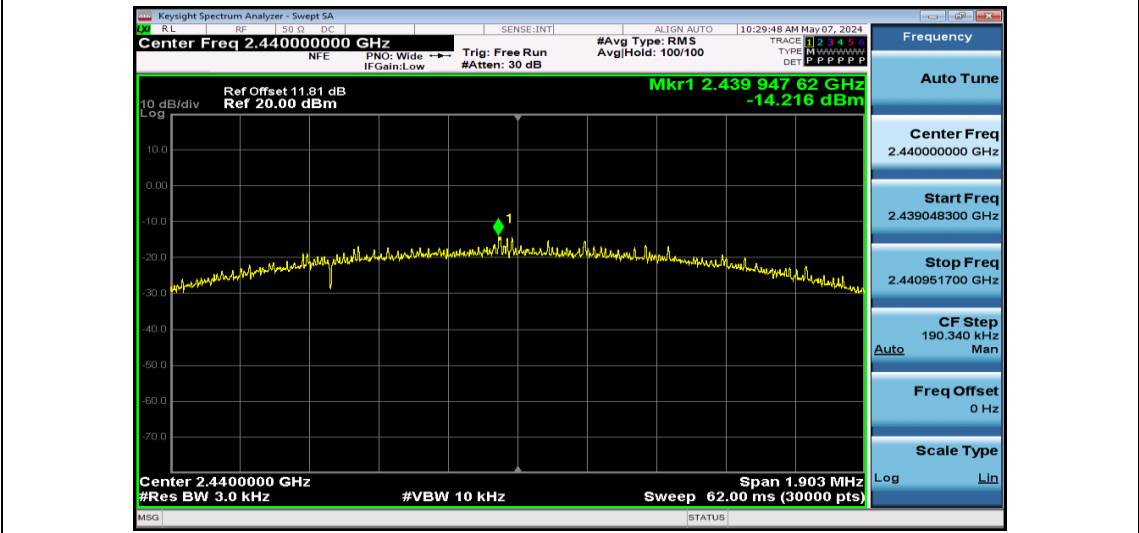
BLE_1M-Ant1-2440-PASS



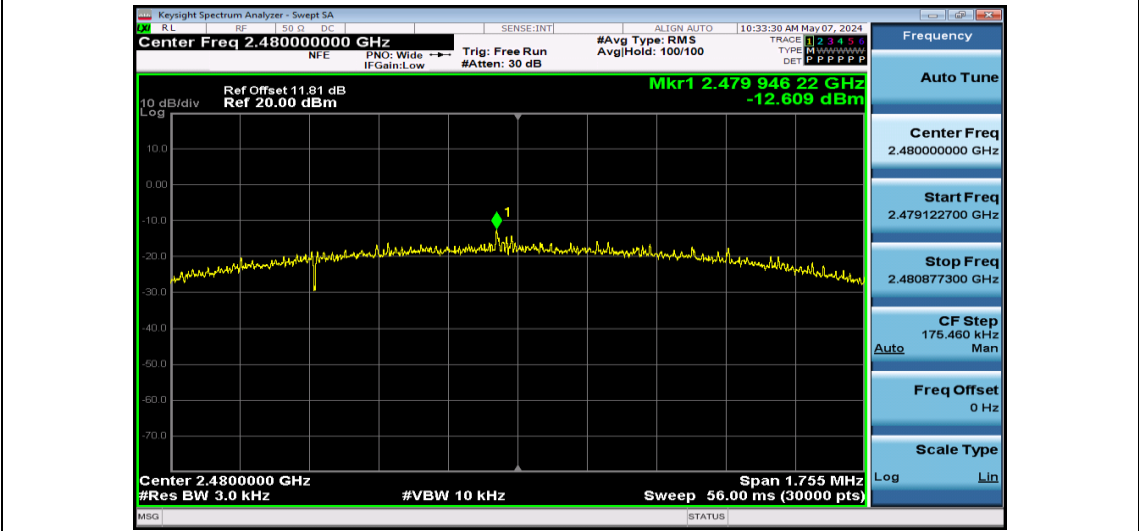
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



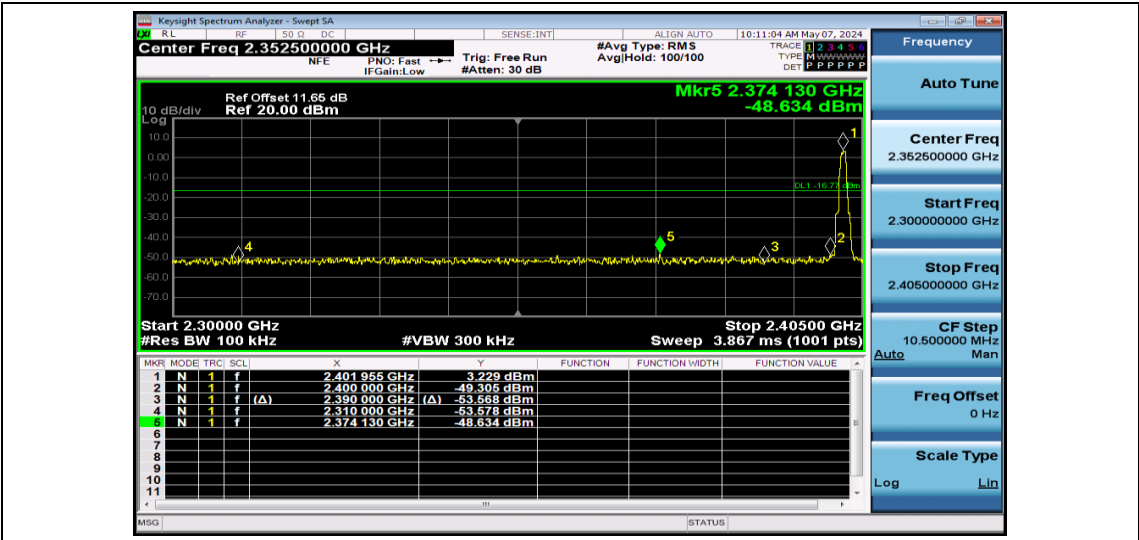
BLE_2M-Ant1-2480-PASS

Band edge measurements

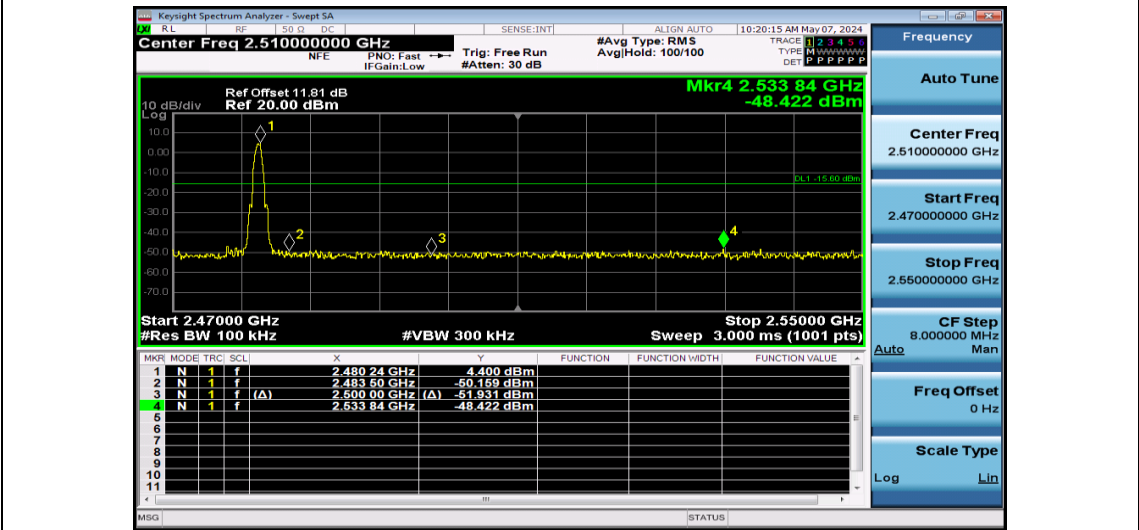
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.23	-48.63	≤-16.77	PASS
BLE_1M	Ant1	High	2480	4.40	-48.42	≤-15.6	PASS
BLE_2M	Ant1	Low	2402	0.14	-30.08	≤-19.86	PASS
BLE_2M	Ant1	High	2480	3.69	-47.98	≤-16.31	PASS

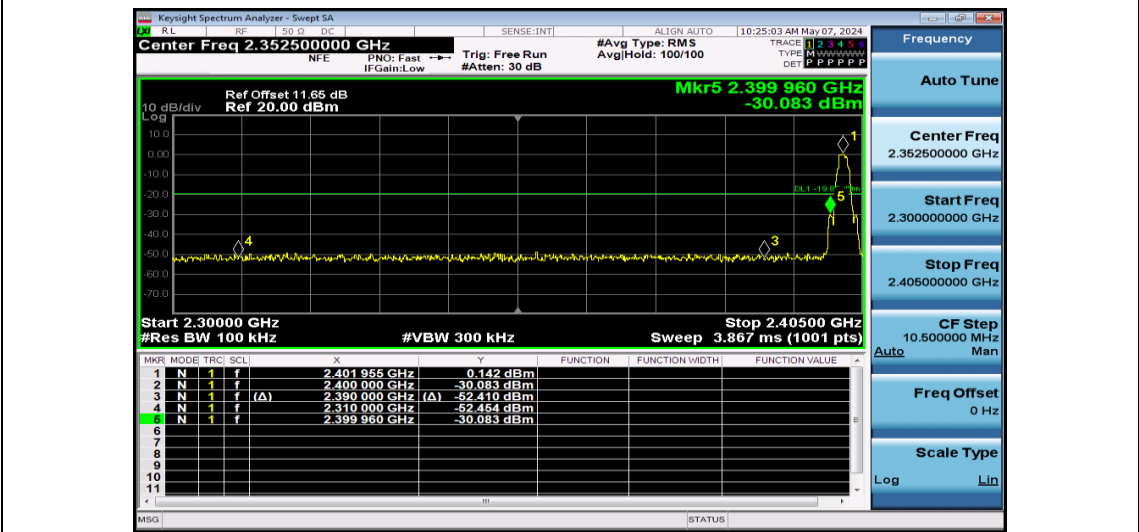
Test Graphs



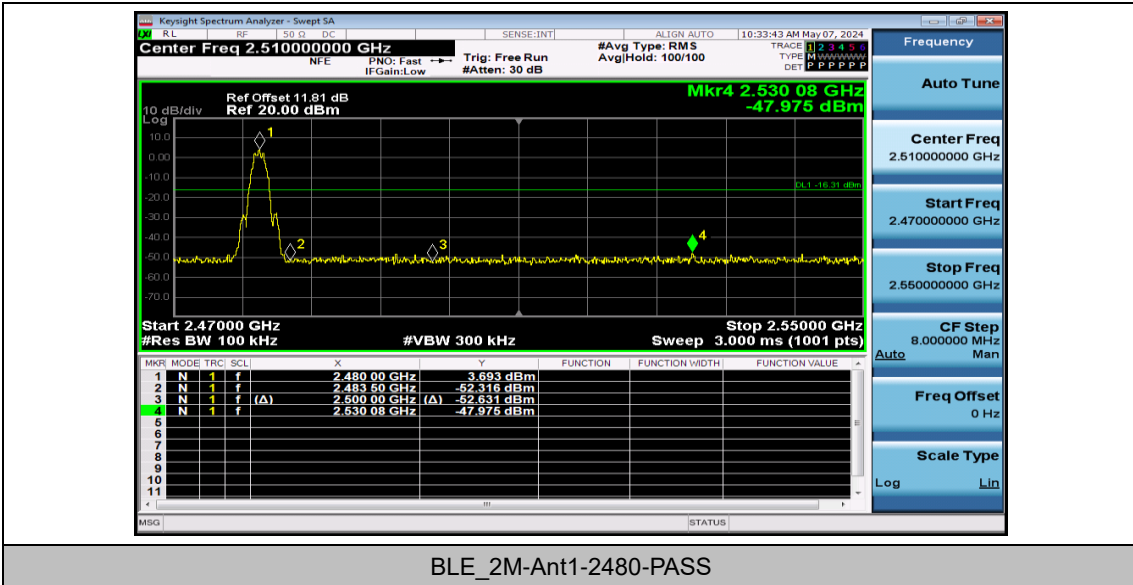
BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



Conducted Spurious Emission

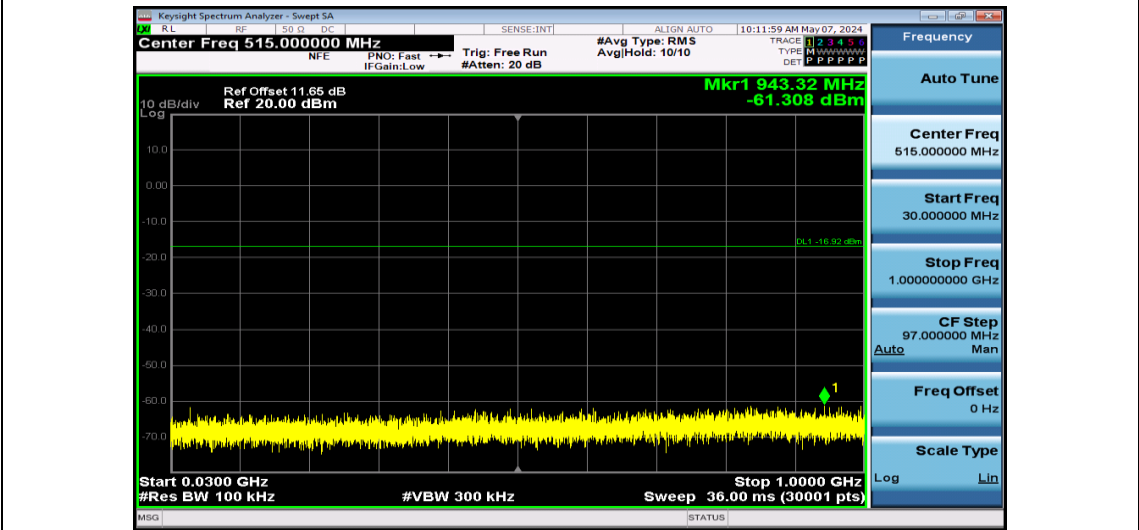
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.08	3.08	---	PASS
BLE_1M	Ant1	2402	30~1000	3.08	-61.31	≤-16.92	PASS
BLE_1M	Ant1	2402	1000~26500	3.08	-51.79	≤-16.92	PASS
BLE_1M	Ant1	2440	0~Reference	3.74	3.74	---	PASS
BLE_1M	Ant1	2440	30~1000	3.74	-60.72	≤-16.26	PASS
BLE_1M	Ant1	2440	1000~26500	3.74	-52.06	≤-16.26	PASS
BLE_1M	Ant1	2480	0~Reference	4.47	4.47	---	PASS
BLE_1M	Ant1	2480	30~1000	4.47	-60.7	≤-15.53	PASS
BLE_1M	Ant1	2480	1000~26500	4.47	-52.06	≤-15.53	PASS
BLE_2M	Ant1	2402	0~Reference	3.03	3.03	---	PASS
BLE_2M	Ant1	2402	30~1000	3.03	-60.97	≤-16.97	PASS
BLE_2M	Ant1	2402	1000~26500	3.03	-52.69	≤-16.97	PASS
BLE_2M	Ant1	2440	0~Reference	3.93	3.93	---	PASS
BLE_2M	Ant1	2440	30~1000	3.93	-61.14	≤-16.07	PASS
BLE_2M	Ant1	2440	1000~26500	3.93	-52.59	≤-16.07	PASS
BLE_2M	Ant1	2480	0~Reference	3.76	3.76	---	PASS
BLE_2M	Ant1	2480	30~1000	3.76	-60.24	≤-16.24	PASS
BLE_2M	Ant1	2480	1000~26500	3.76	-50.71	≤-16.24	PASS

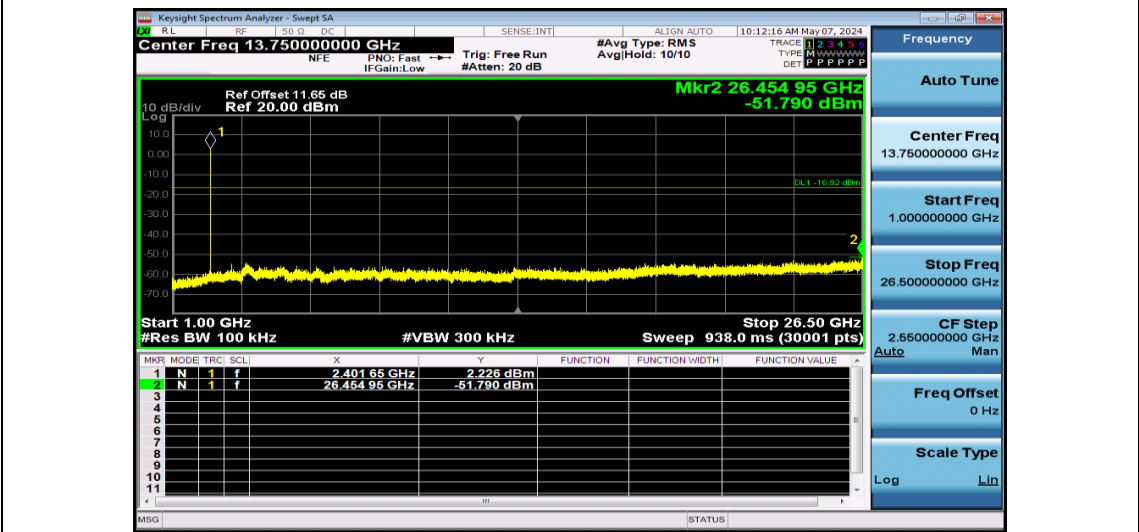
Test Graphs



BLE_1M-Ant1-2402-0~Reference-PASS



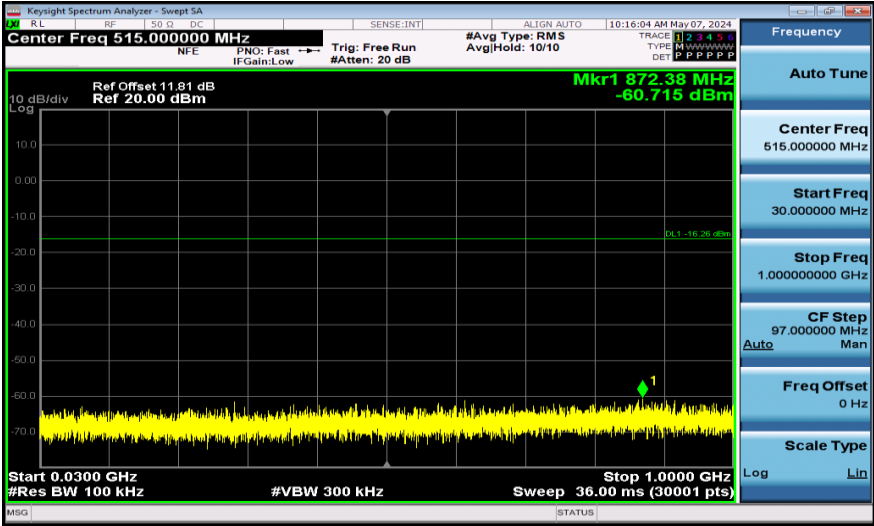
BLE_1M-Ant1-2402-30~1000-PASS



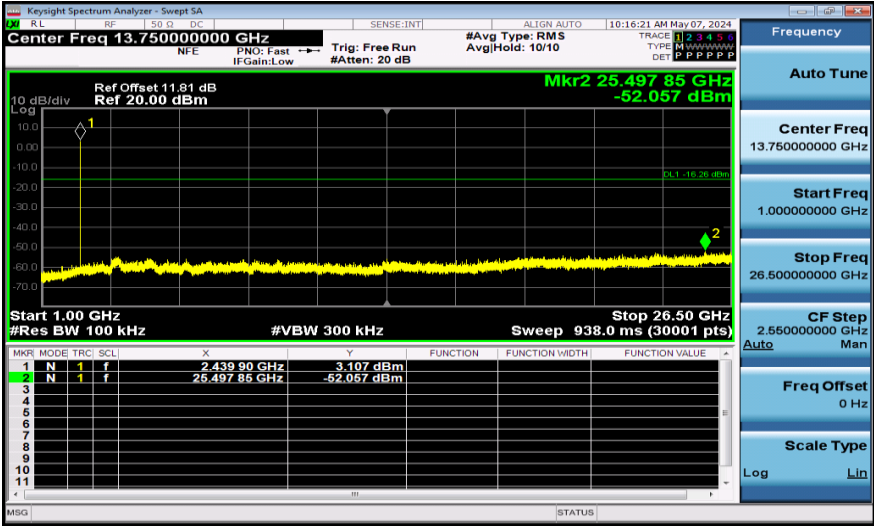
BLE_1M-Ant1-2402-1000~26500-PASS



BLE_1M-Ant1-2440-0~Reference-PASS



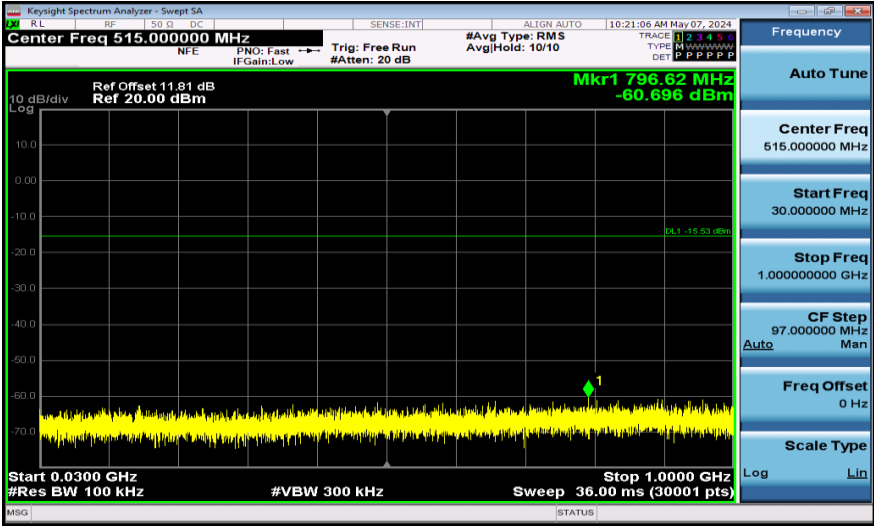
BLE_1M-Ant1-2440-30~1000-PASS



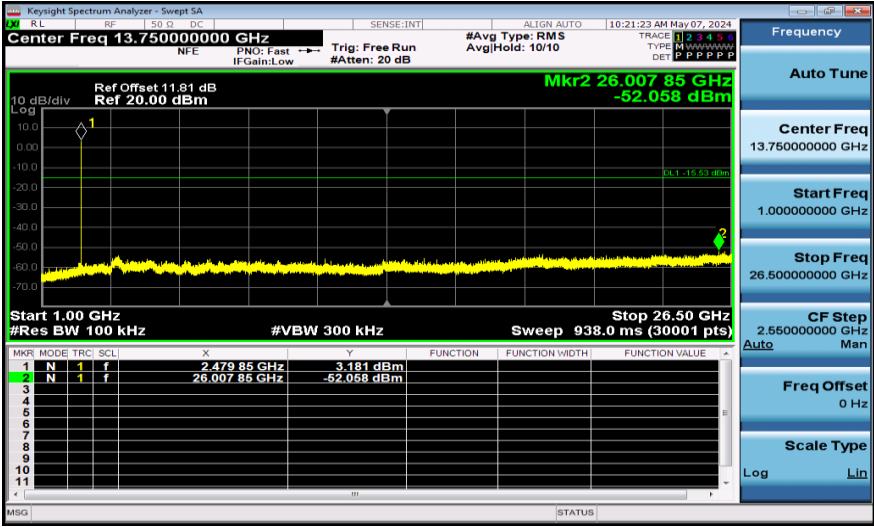
BLE_1M-Ant1-2440-1000~26500-PASS



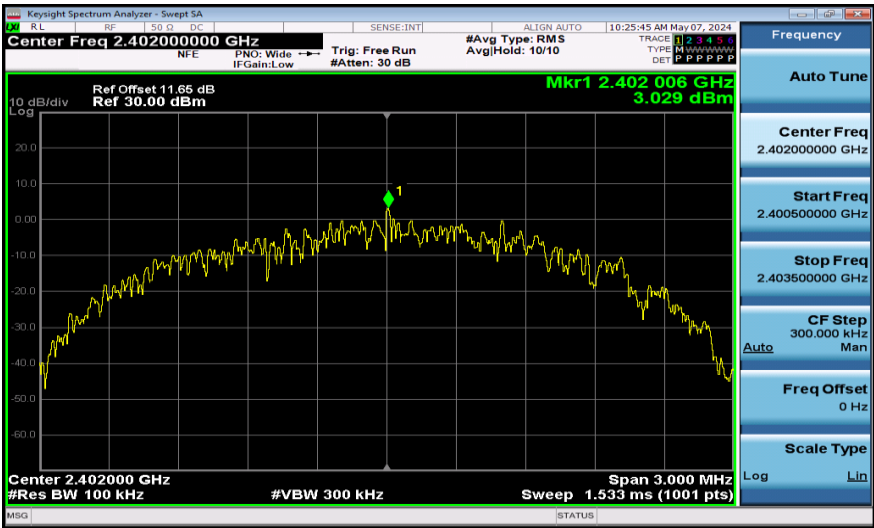
BLE_1M-Ant1-2480-0~Reference-PASS



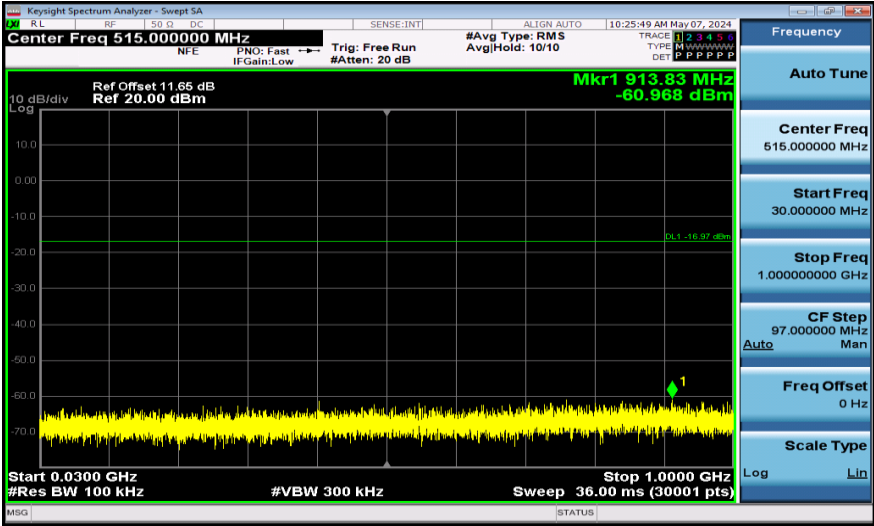
BLE_1M-Ant1-2480-30~1000-PASS



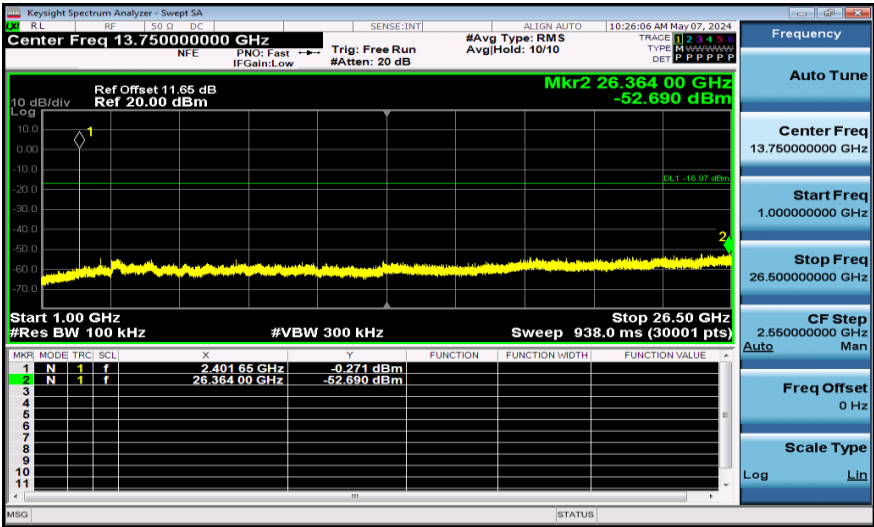
BLE_1M-Ant1-2480-1000~26500-PASS



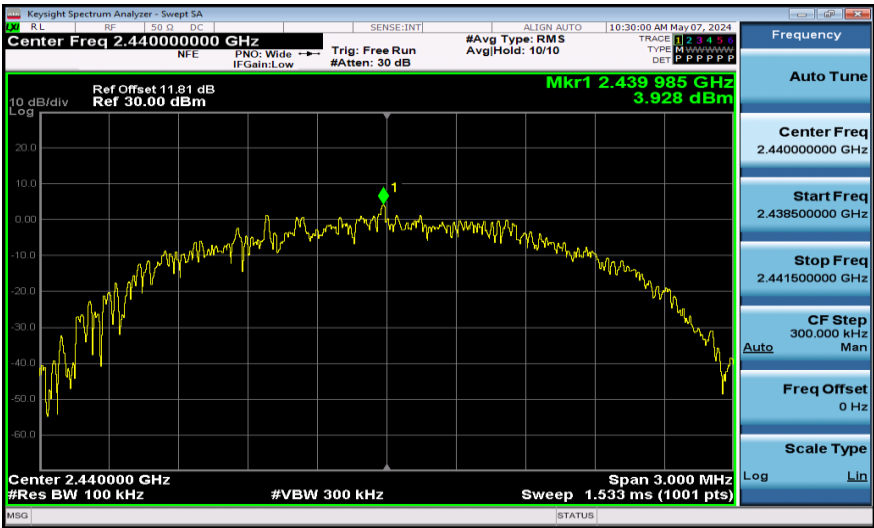
BLE_2M-Ant1-2402-0~Reference-PASS



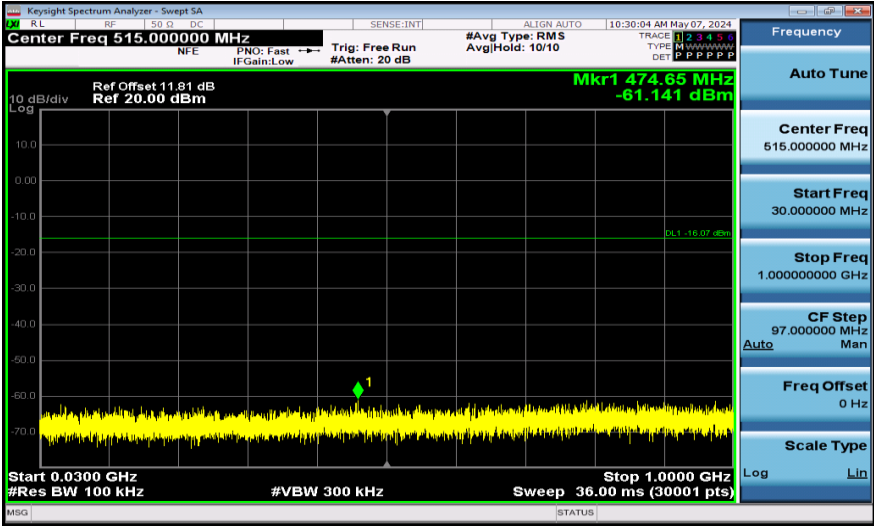
BLE_2M-Ant1-2402-30~1000-PASS



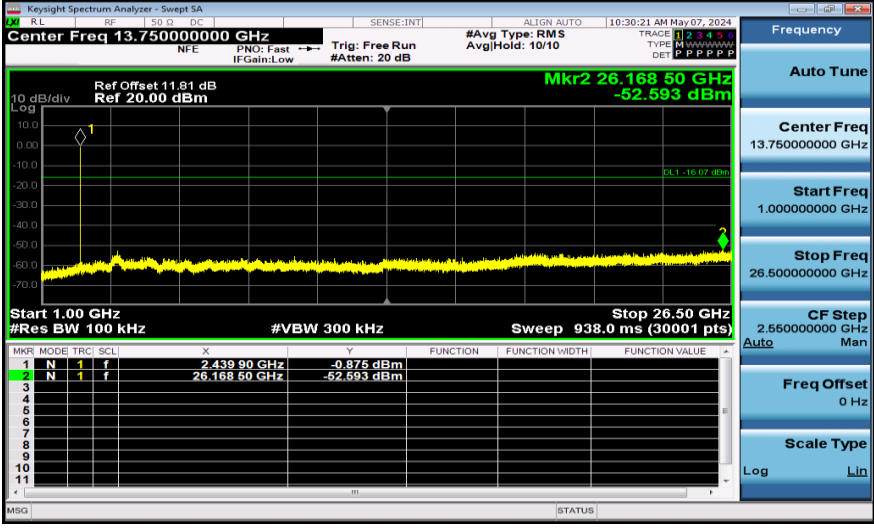
BLE_2M-Ant1-2402-1000~26500-PASS



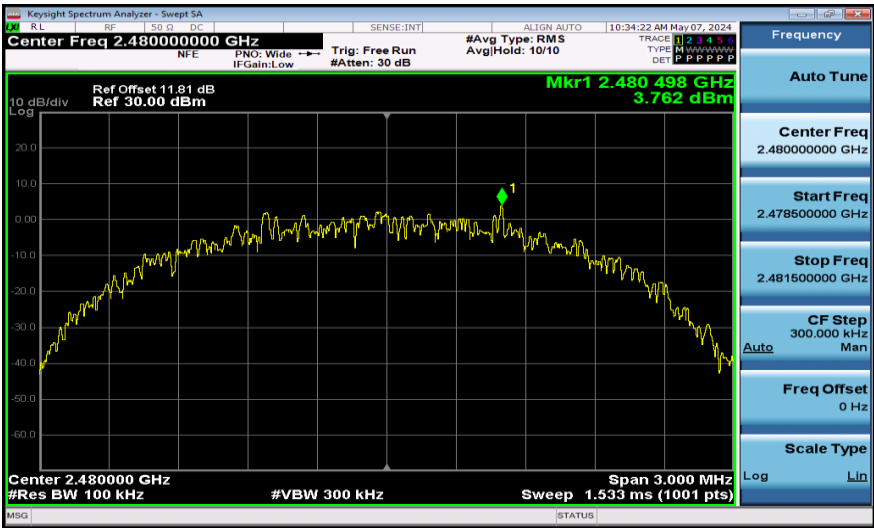
BLE_2M-Ant1-2440-0~Reference-PASS



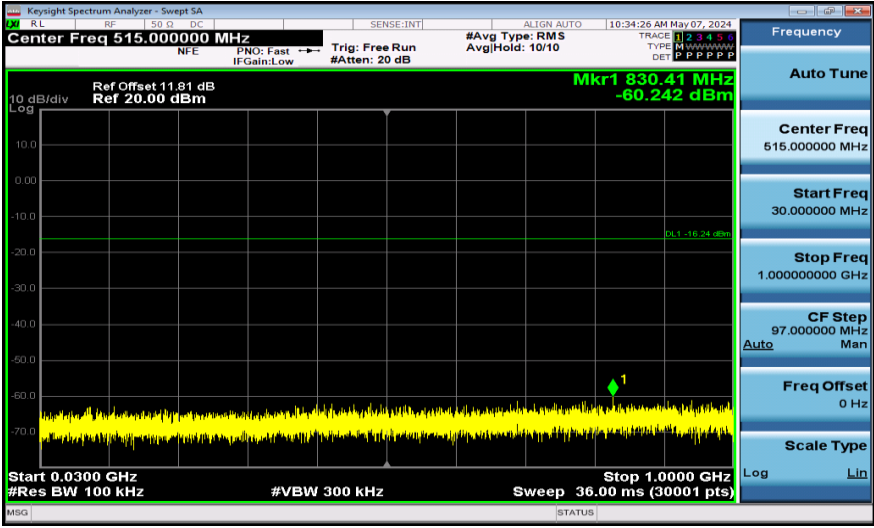
BLE_2M-Ant1-2440-30~1000-PASS



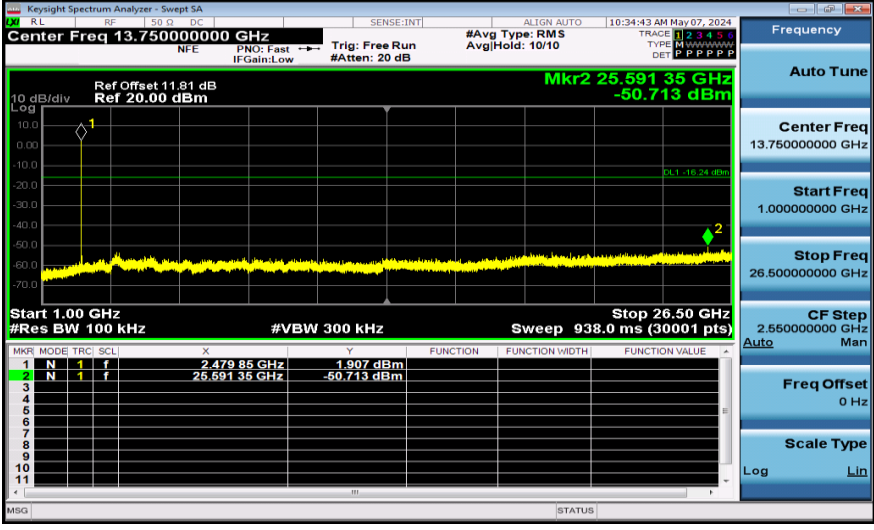
BLE_2M-Ant1-2440-1000~26500-PASS



BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS



BLE_2M-Ant1-2480-1000~26500-PASS