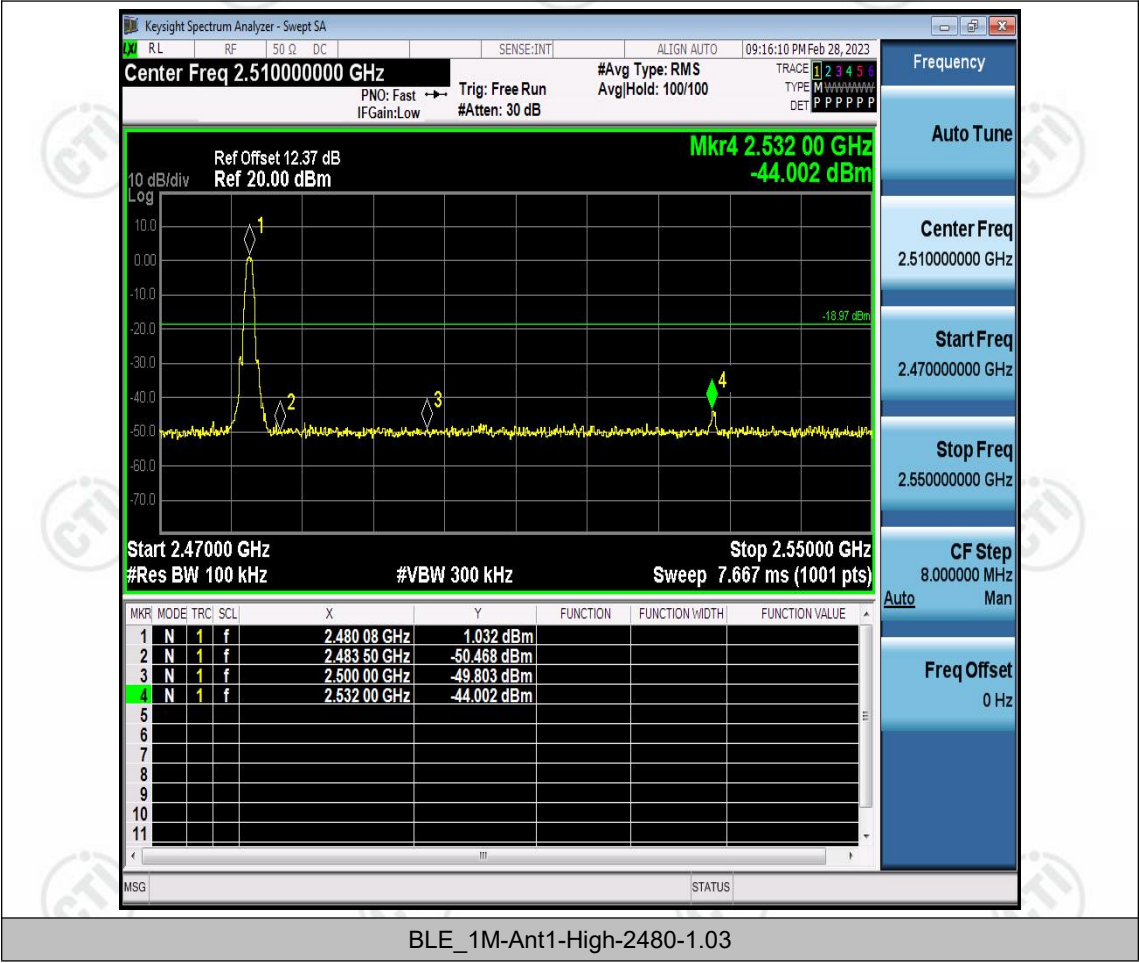




Appendix F: Conducted Spurious Emission

Test Result

Right:

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.75	2.75	---	PASS
BLE_1M	Ant1	2402	30~1000	2.75	-56.44	≤-17.25	PASS
BLE_1M	Ant1	2402	1000~26500	2.75	-36.44	≤-17.25	PASS
BLE_1M	Ant1	2440	0~Reference	2.66	2.66	---	PASS
BLE_1M	Ant1	2440	30~1000	2.66	-55.98	≤-17.34	PASS
BLE_1M	Ant1	2440	1000~26500	2.66	-36.02	≤-17.34	PASS
BLE_1M	Ant1	2480	0~Reference	2.37	2.37	---	PASS
BLE_1M	Ant1	2480	30~1000	2.37	-56.45	≤-17.63	PASS
BLE_1M	Ant1	2480	1000~26500	2.37	-33.37	≤-17.63	PASS

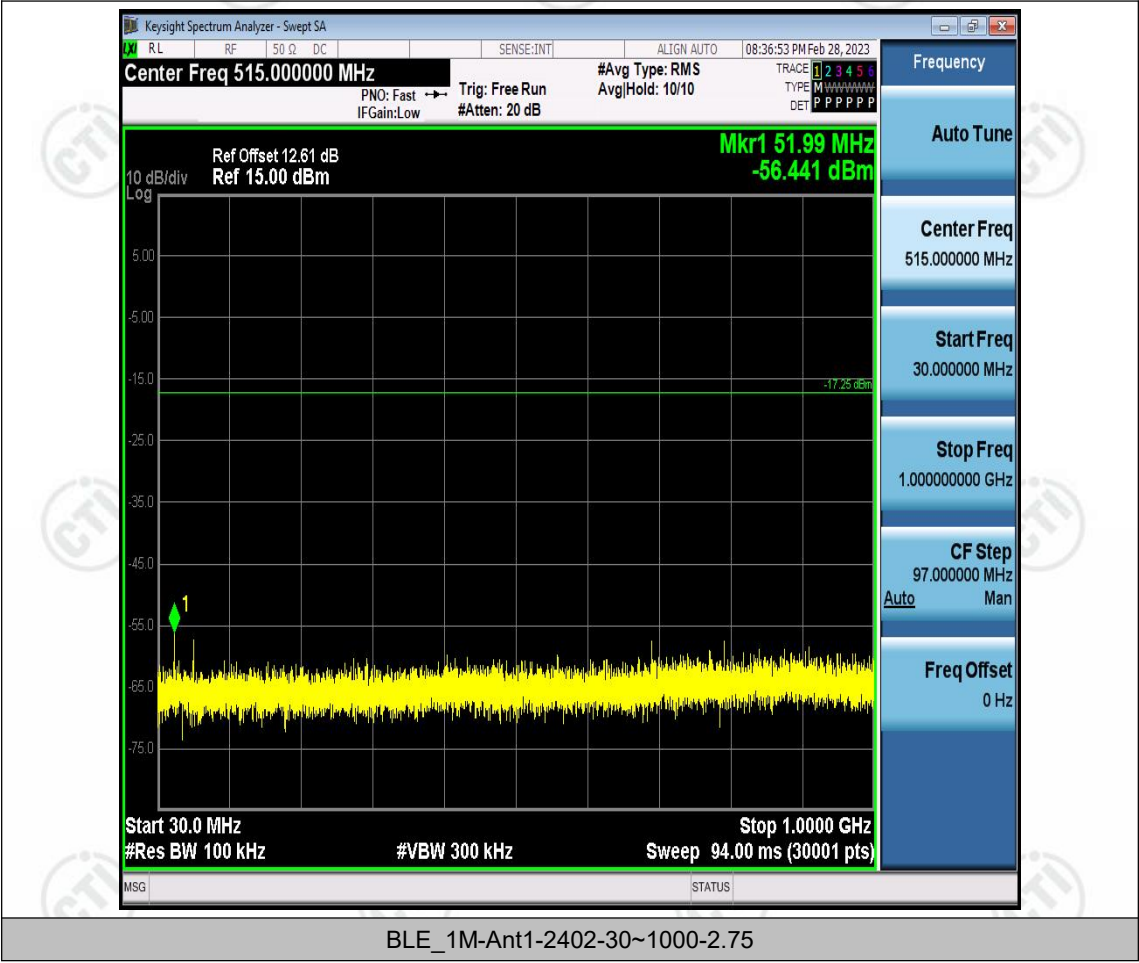
Left:

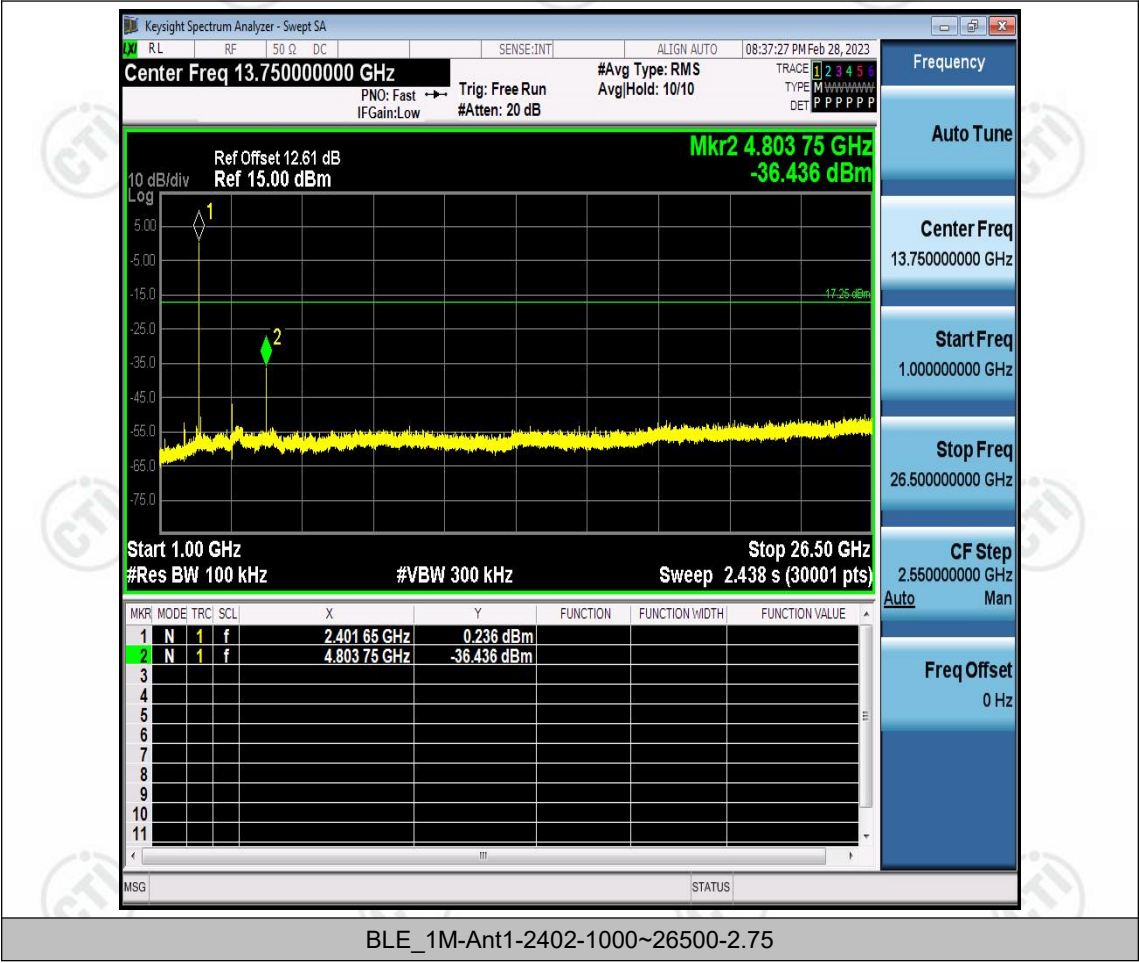
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.20	0.20	---	PASS
BLE_1M	Ant1	2402	30~1000	0.20	-52.29	≤-19.8	PASS
BLE_1M	Ant1	2402	1000~26500	0.20	-39.3	≤-19.8	PASS
BLE_1M	Ant1	2440	0~Reference	1.27	1.27	---	PASS
BLE_1M	Ant1	2440	30~1000	1.27	-52.53	≤-18.73	PASS
BLE_1M	Ant1	2440	1000~26500	1.27	-39.23	≤-18.73	PASS
BLE_1M	Ant1	2480	0~Reference	1.01	1.01	---	PASS
BLE_1M	Ant1	2480	30~1000	1.01	-51.78	≤-18.99	PASS
BLE_1M	Ant1	2480	1000~26500	1.01	-39.61	≤-18.99	PASS

Test Graphs

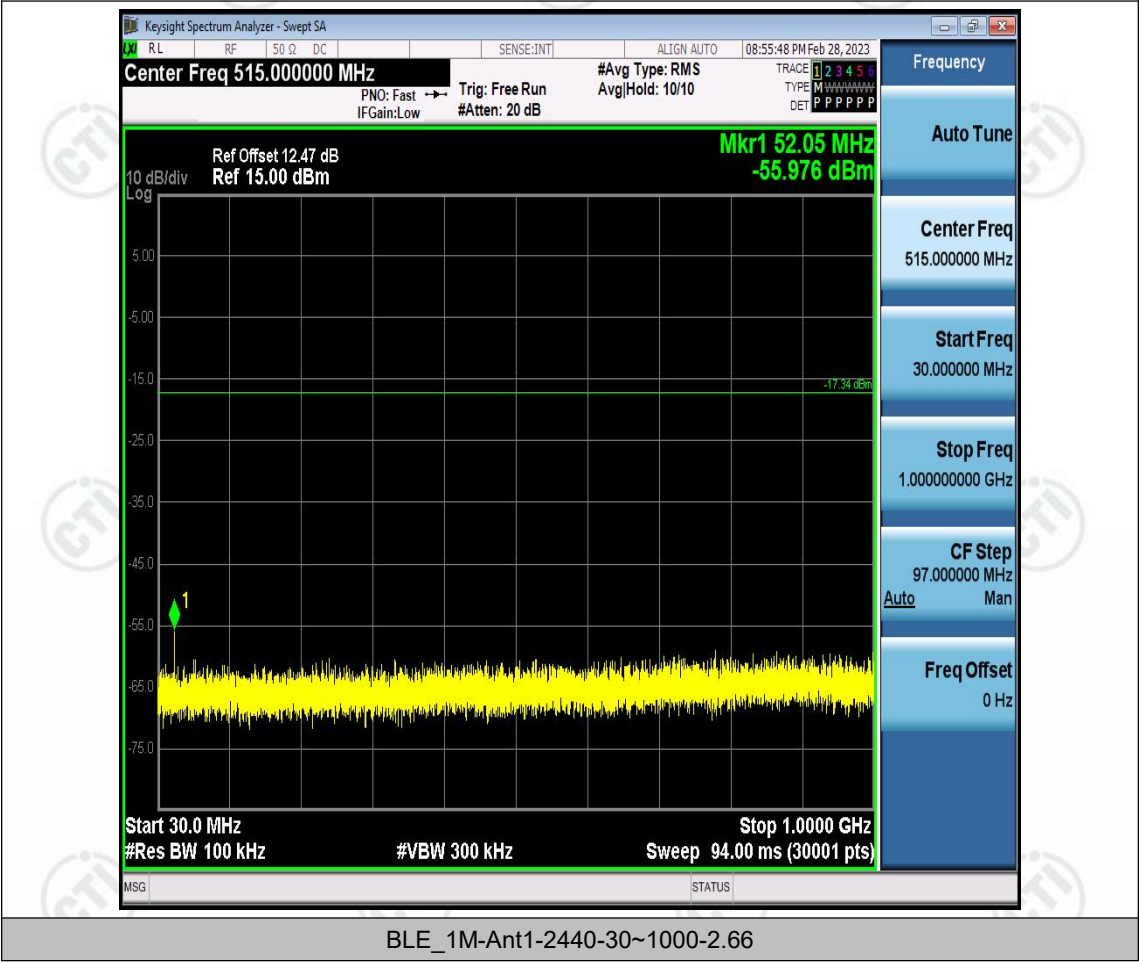
Right:

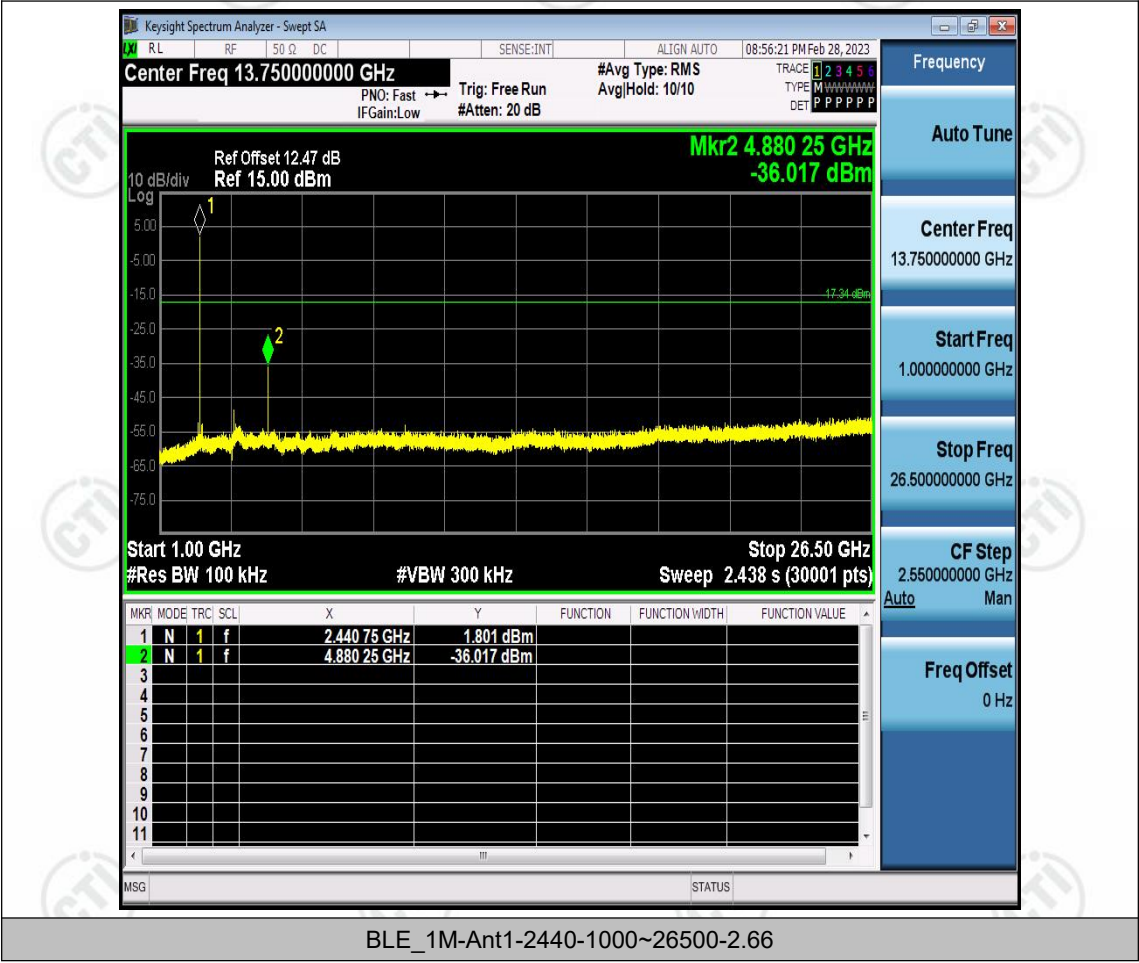


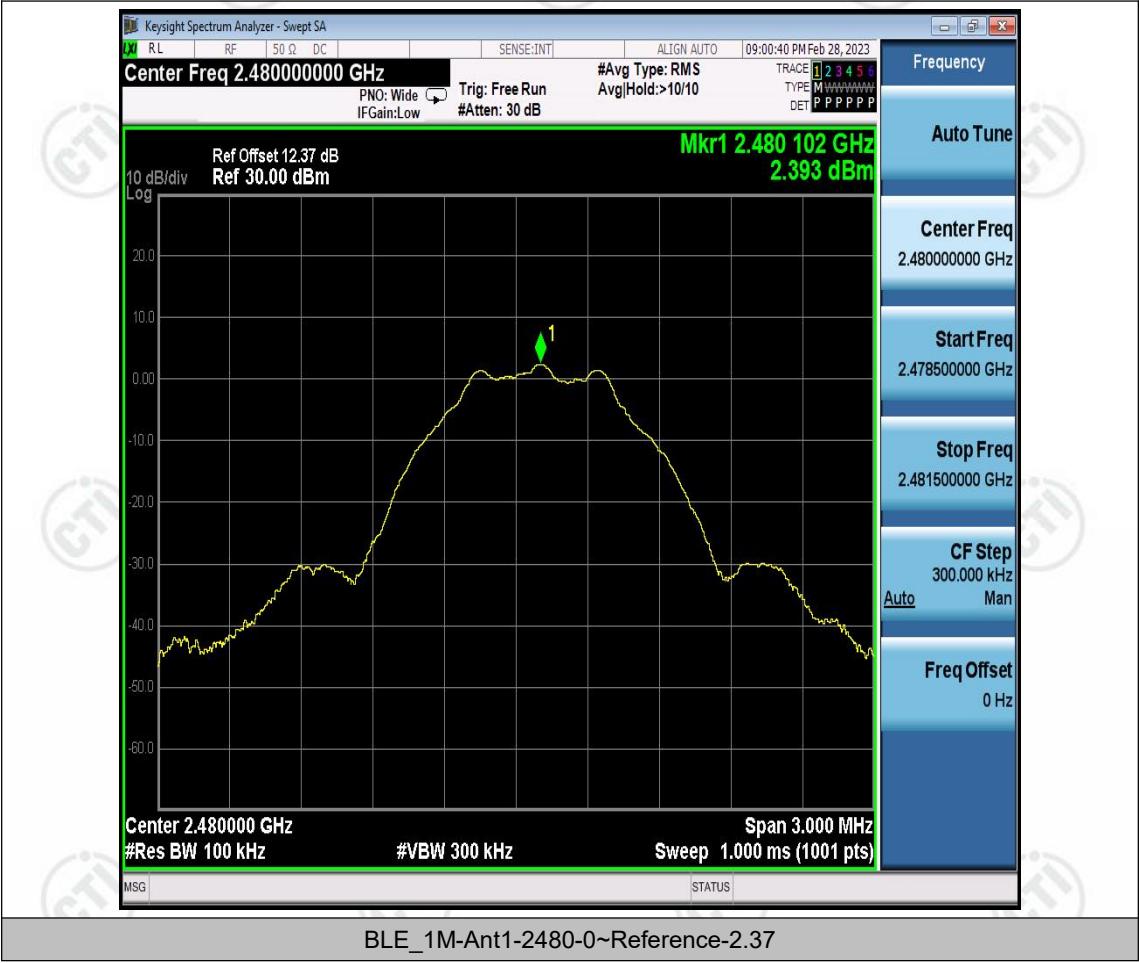




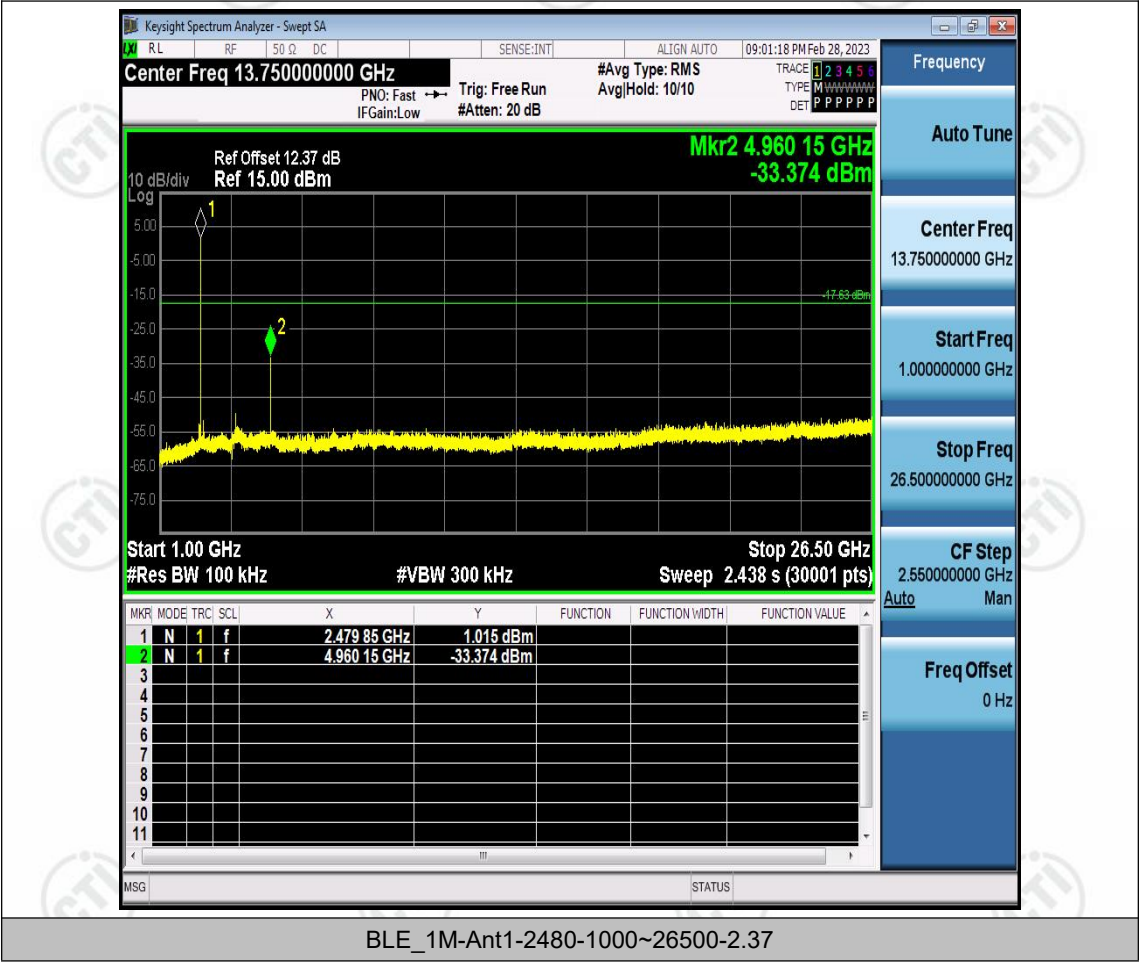




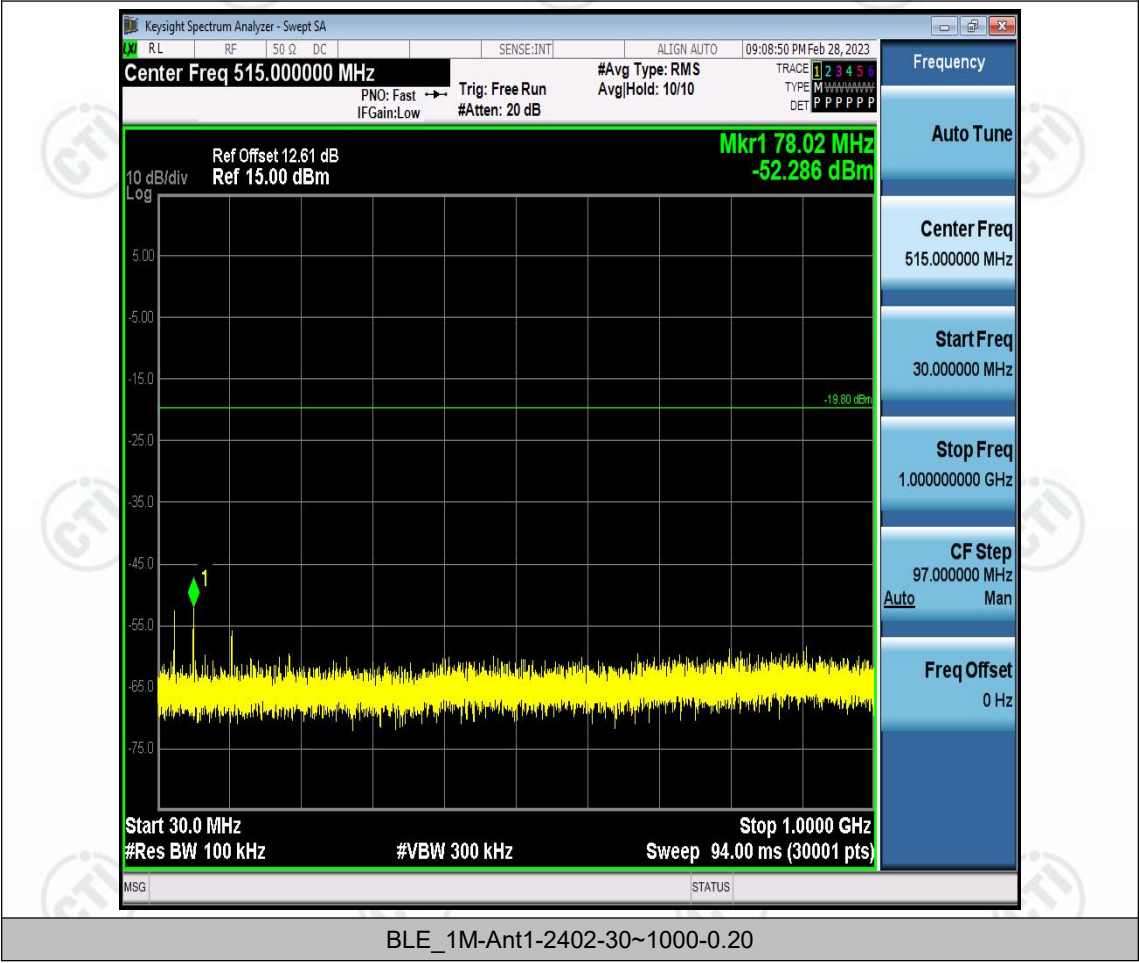




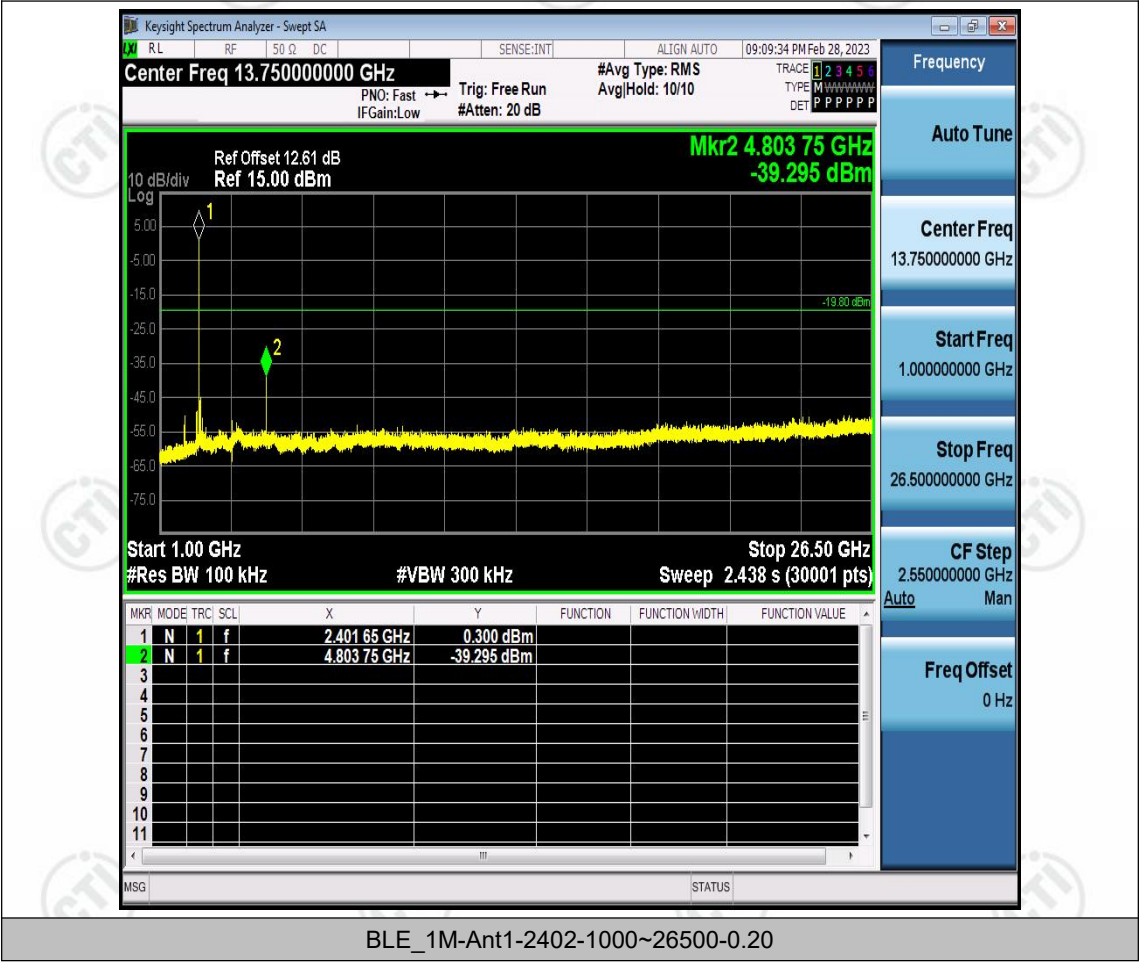


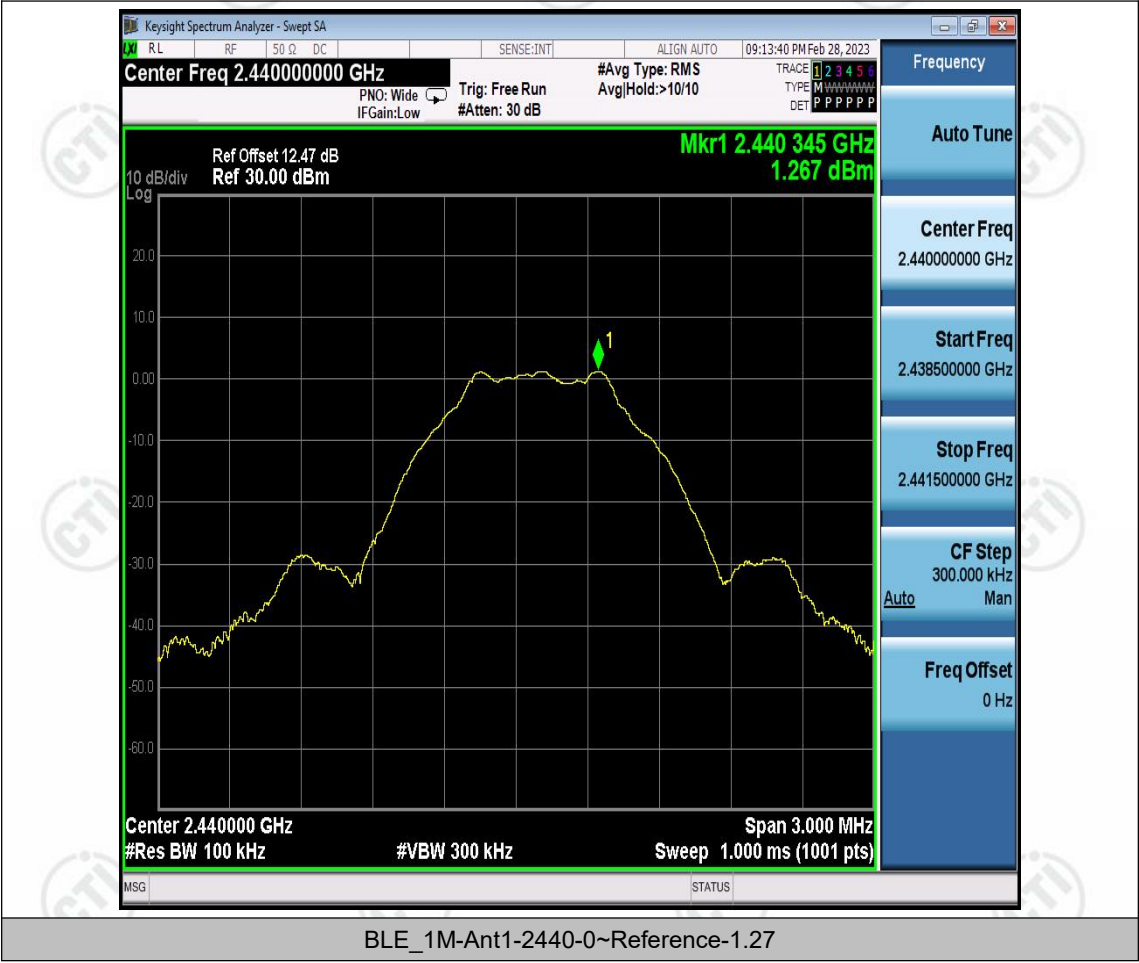


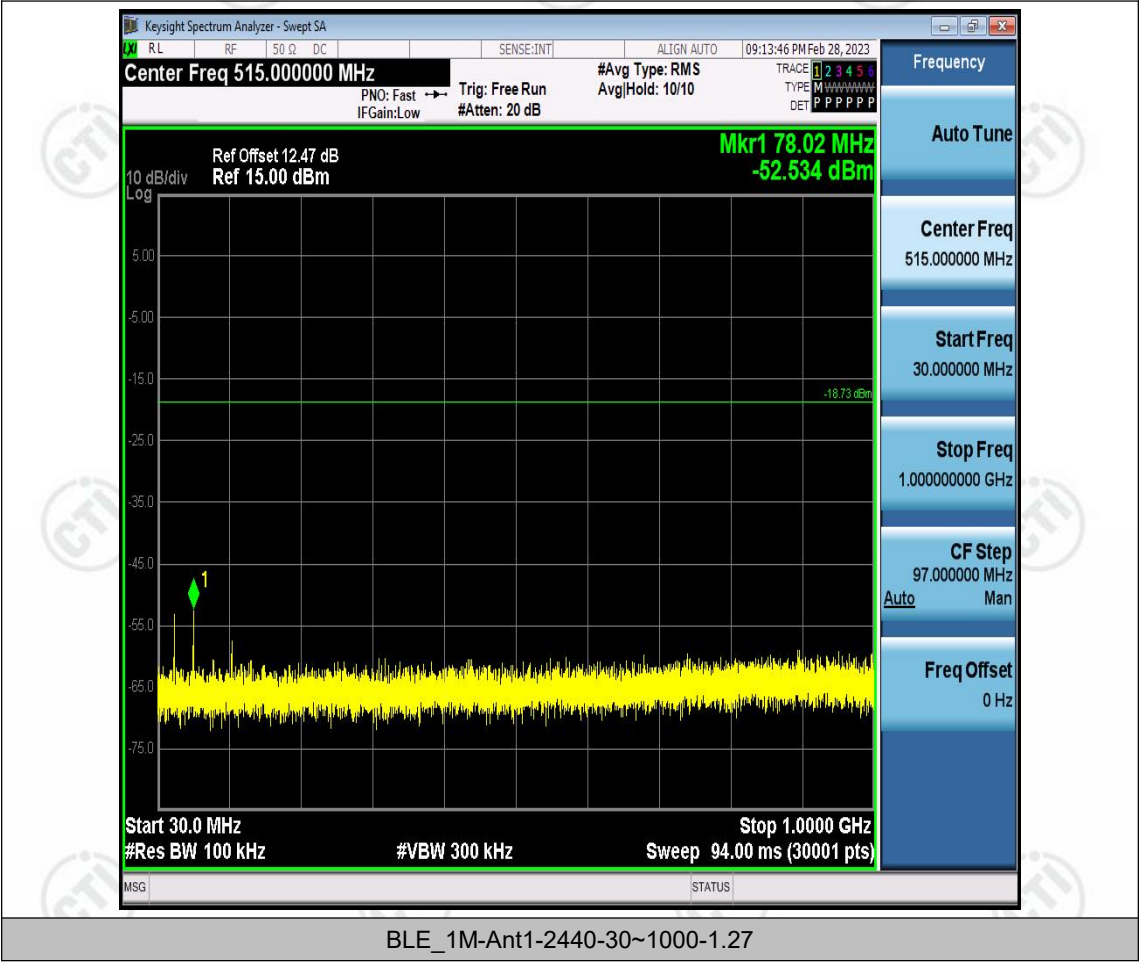


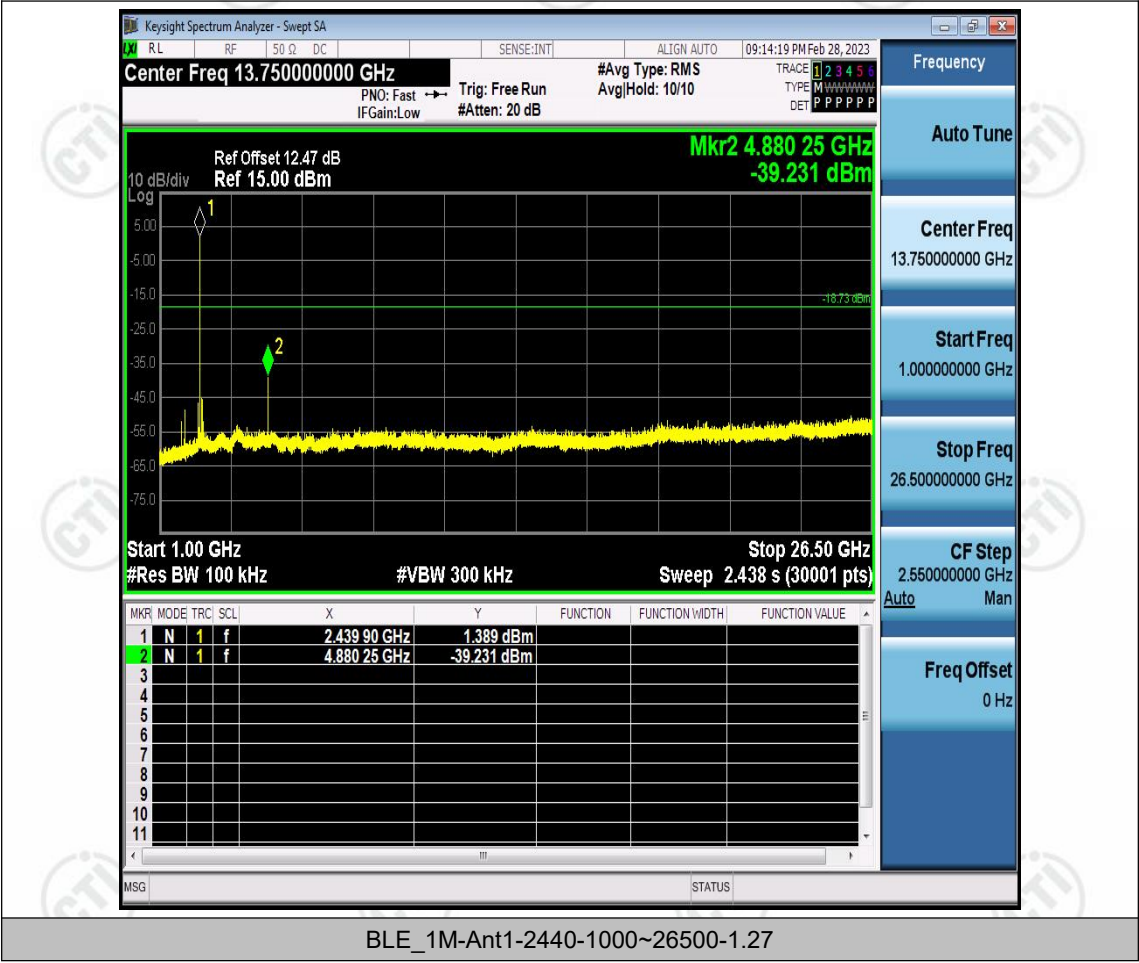


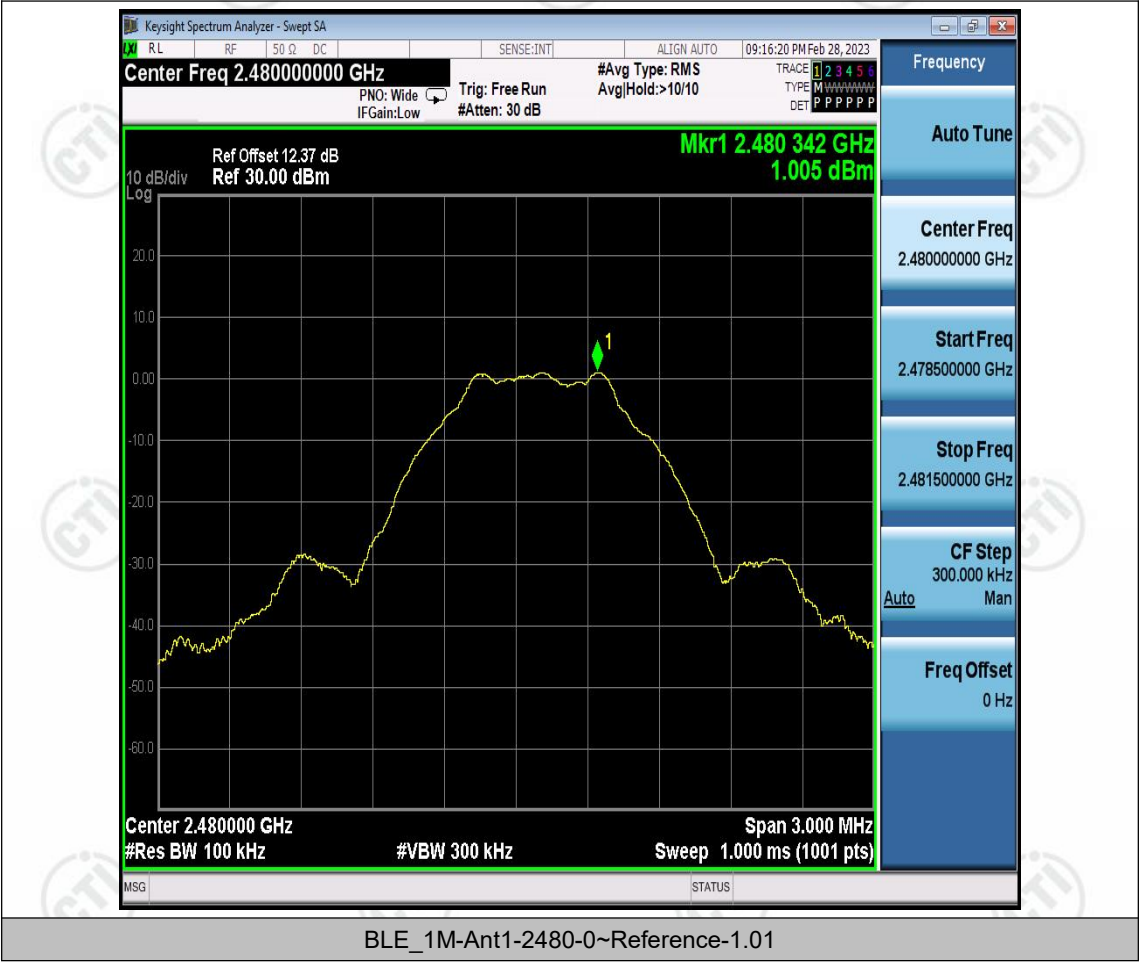
BLE_1M-Ant1-2402-30~1000-0.20

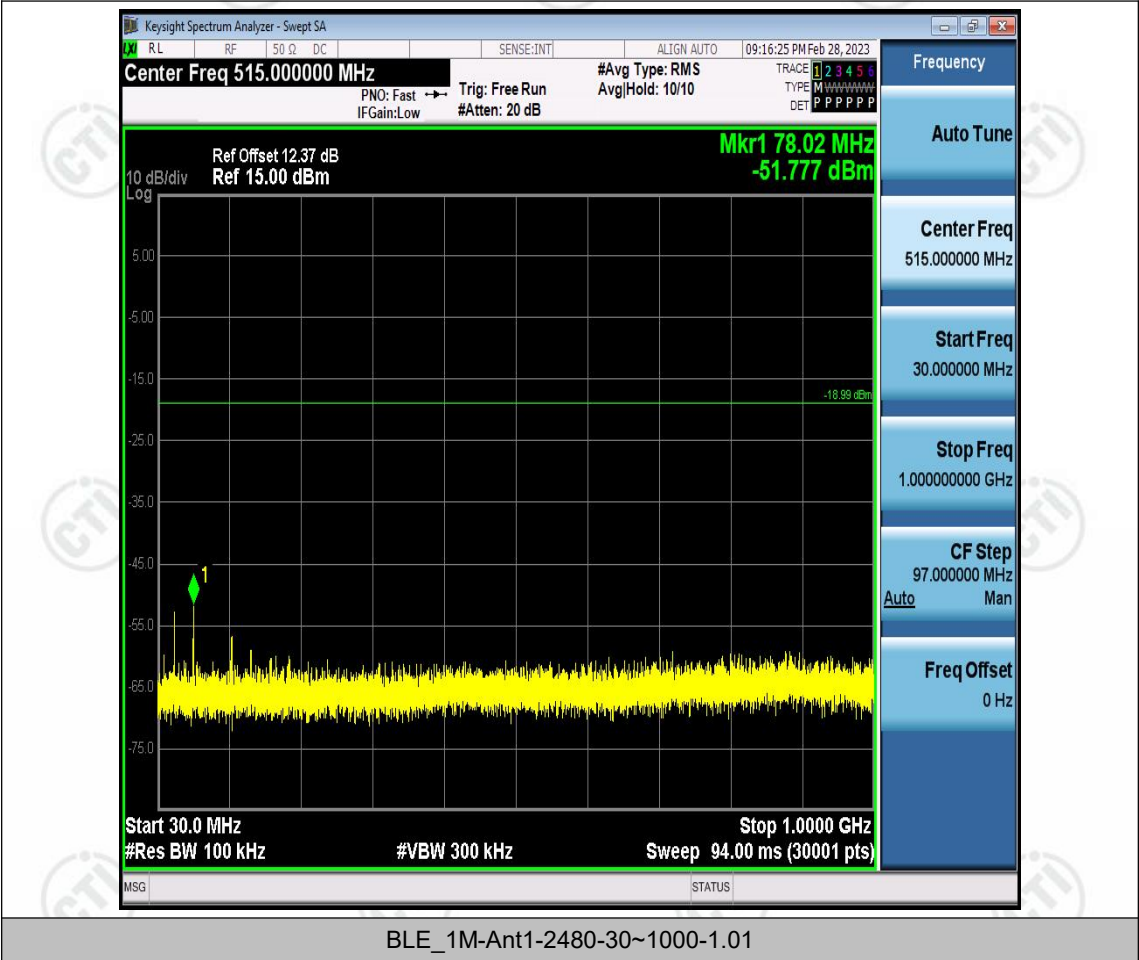


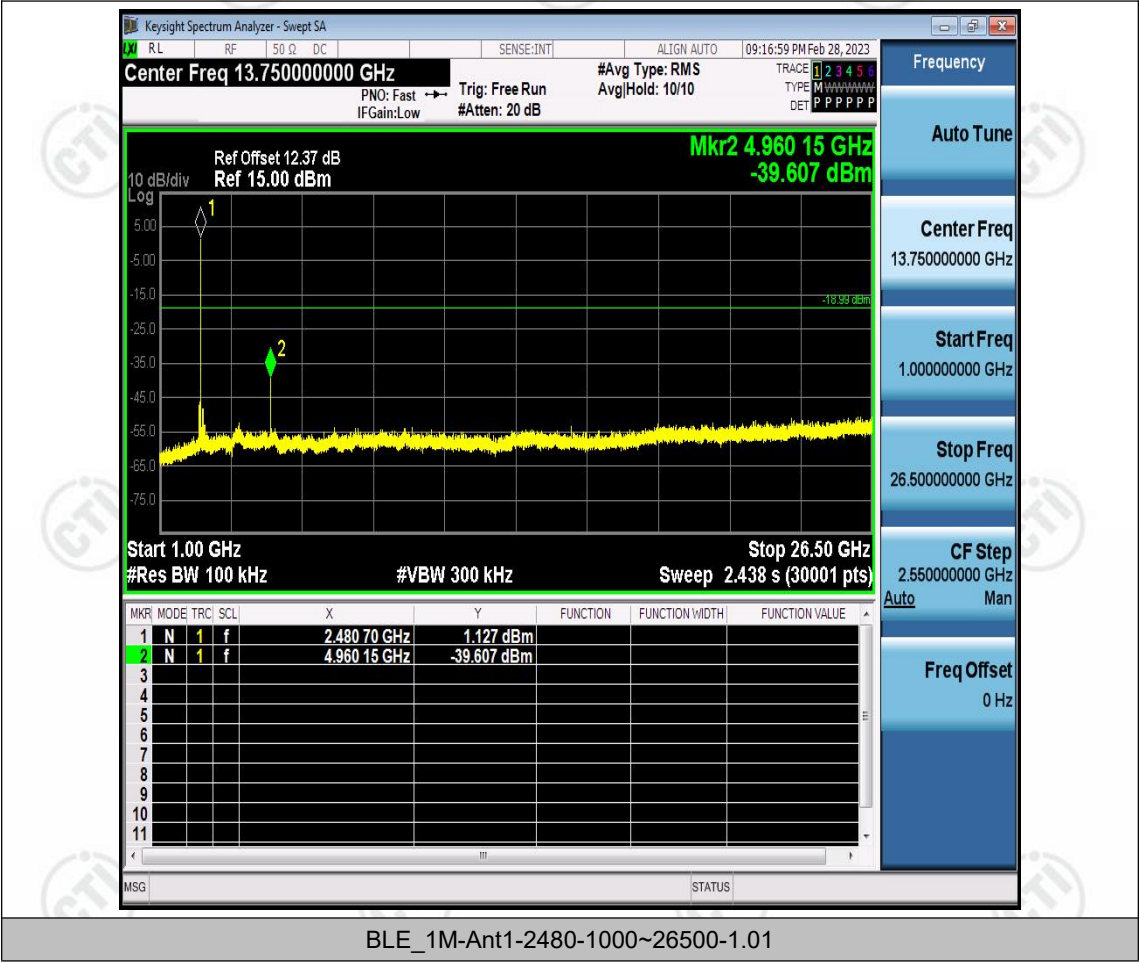












Appendix G: Duty Cycle**Test Result**

Right:

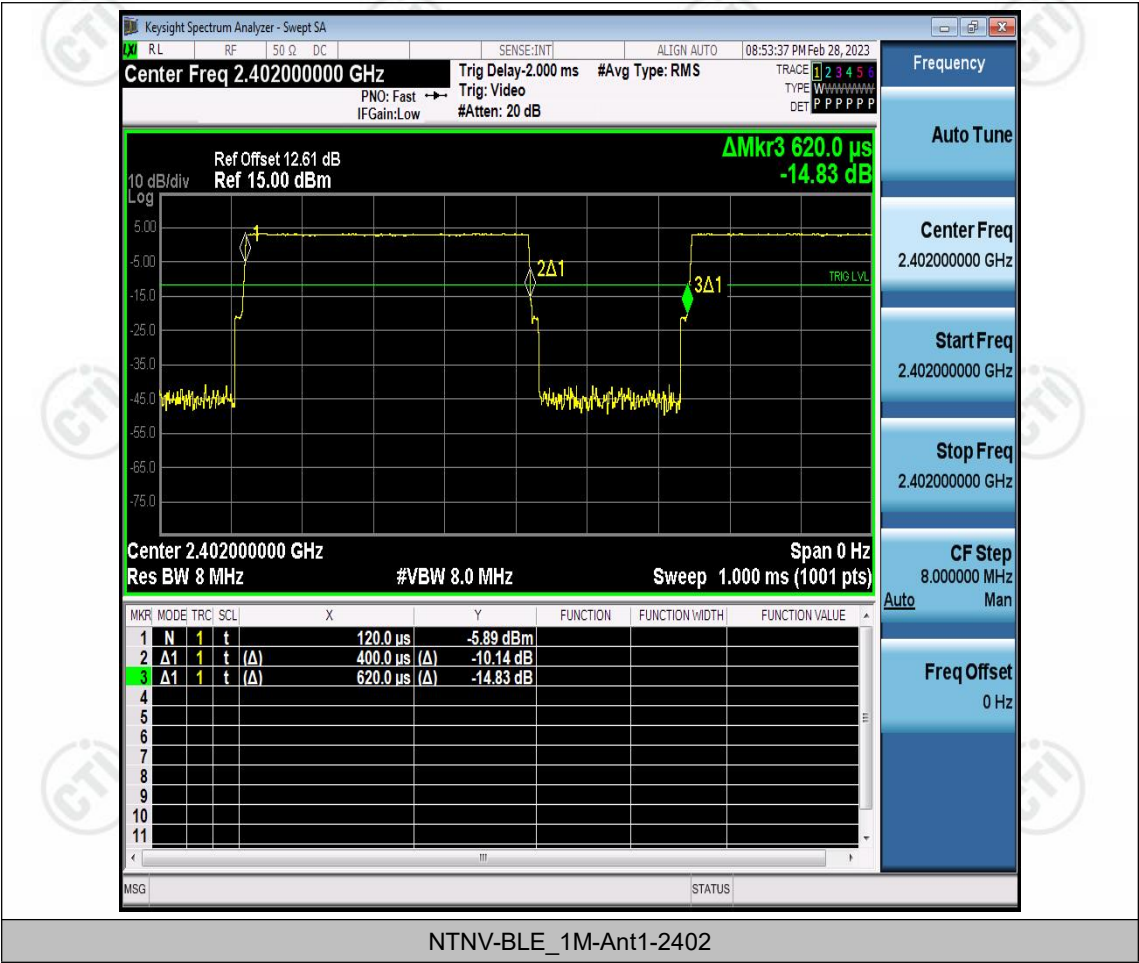
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.62	64.52	1.90
BLE_1M	Ant1	2440	0.40	0.62	64.52	1.90
BLE_1M	Ant1	2480	0.40	0.62	64.52	1.90

Left:

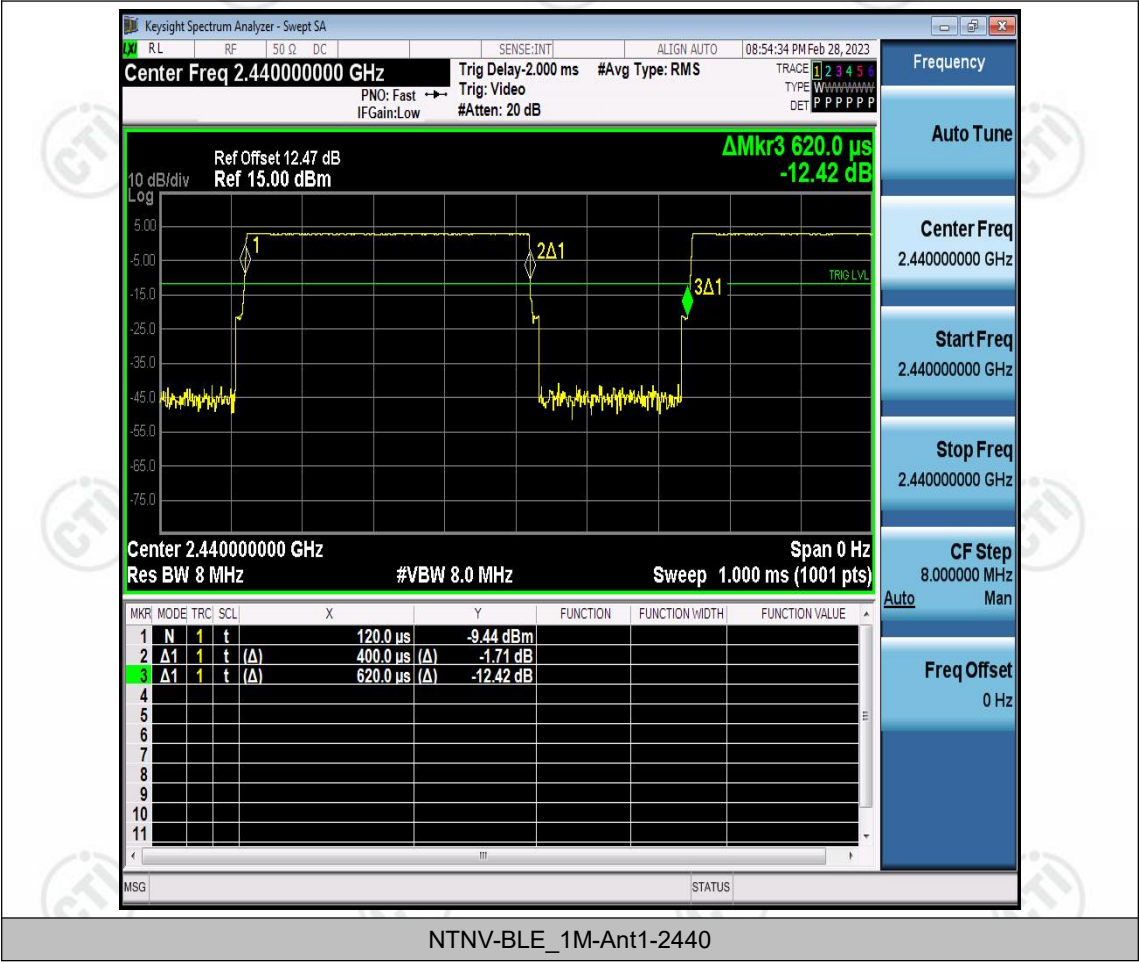
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.63	63.49	1.97
BLE_1M	Ant1	2440	0.40	0.62	64.52	1.90
BLE_1M	Ant1	2480	0.40	0.63	63.49	1.97

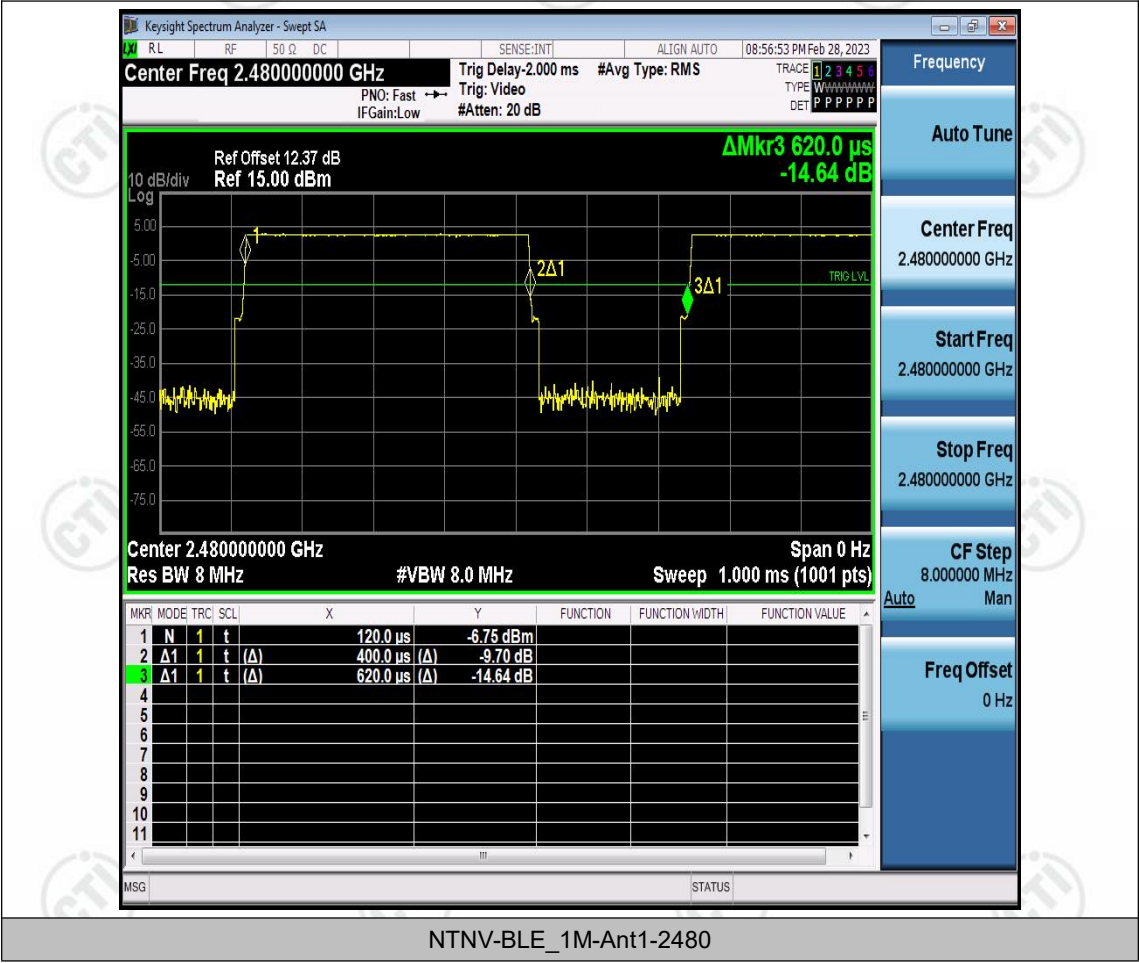
Test Graphs

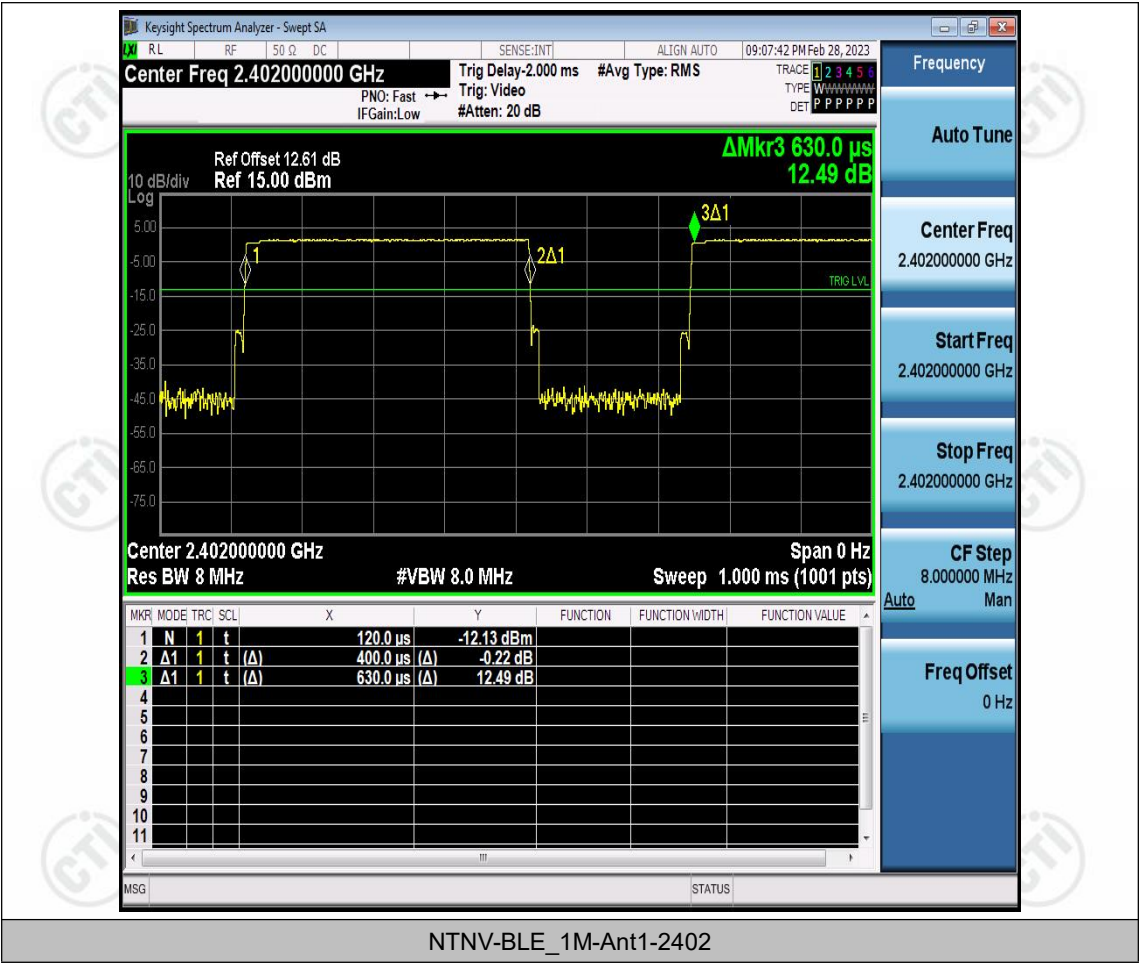
Right:

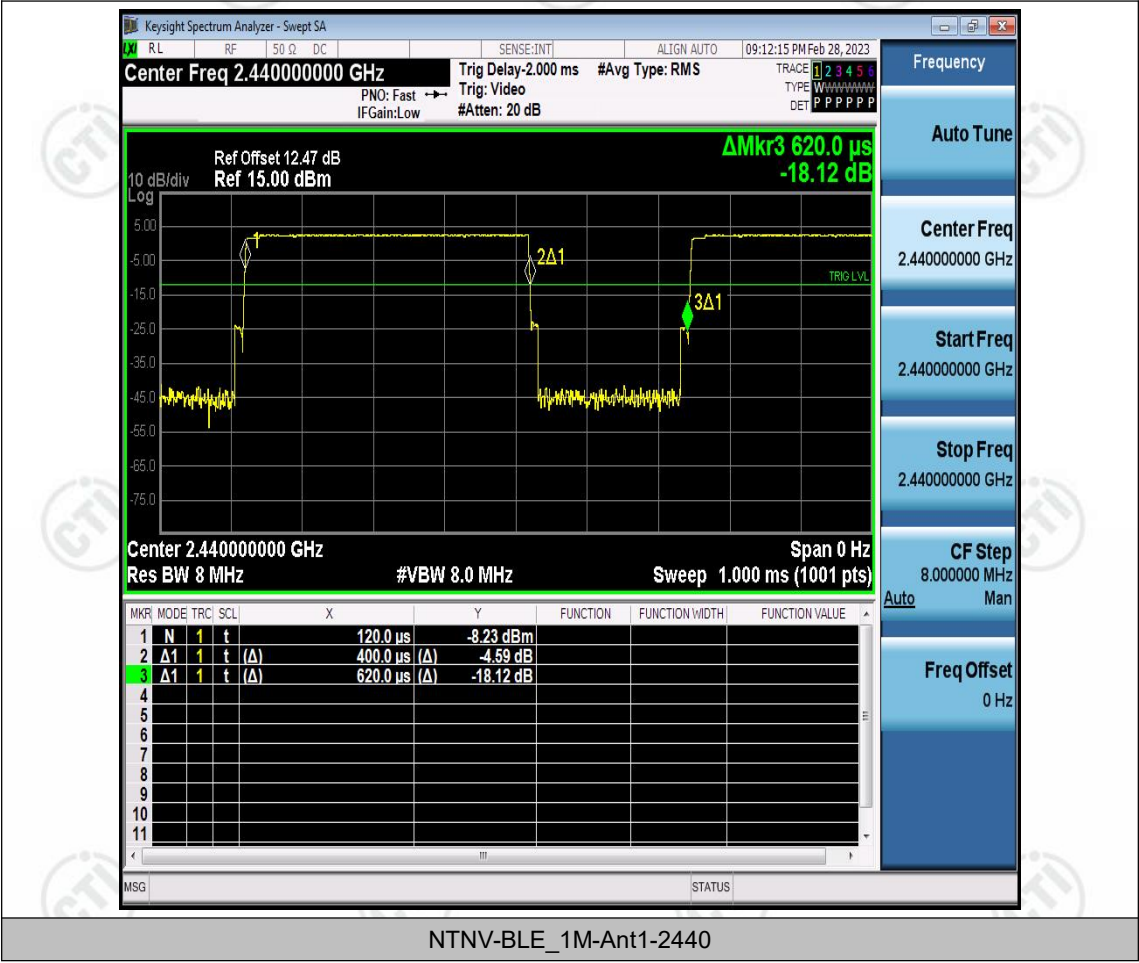


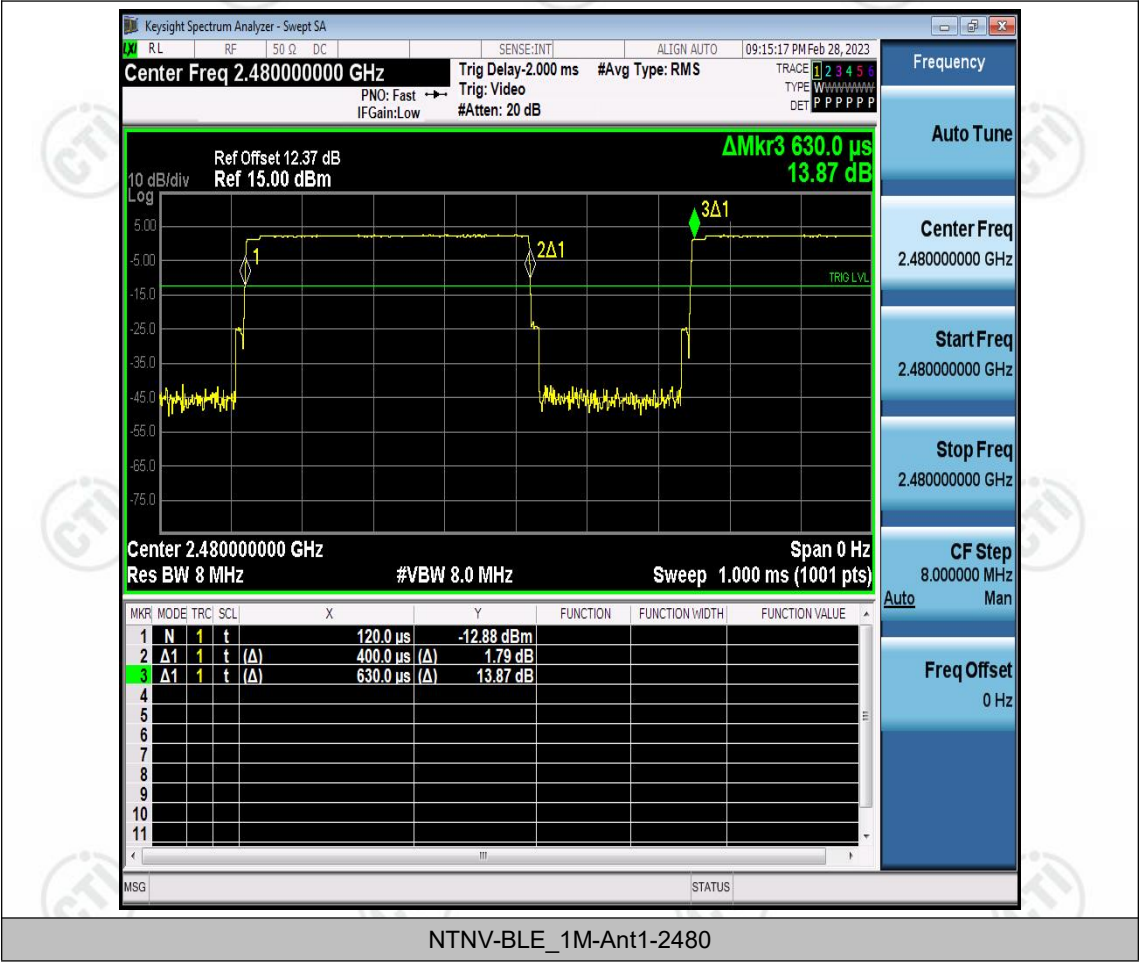
NTNV-BLE_1M-Ant1-2402











*** End of Report ***