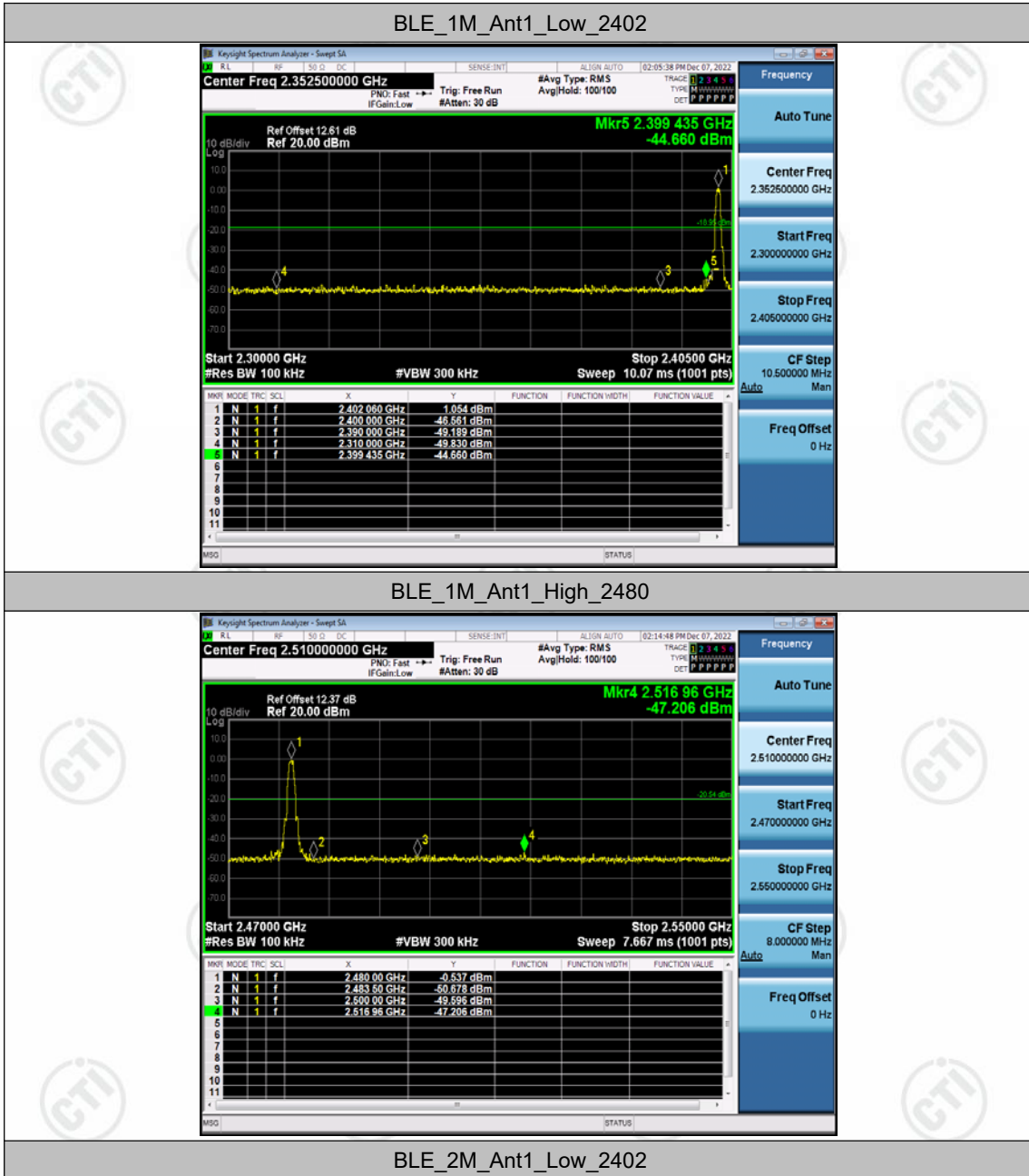
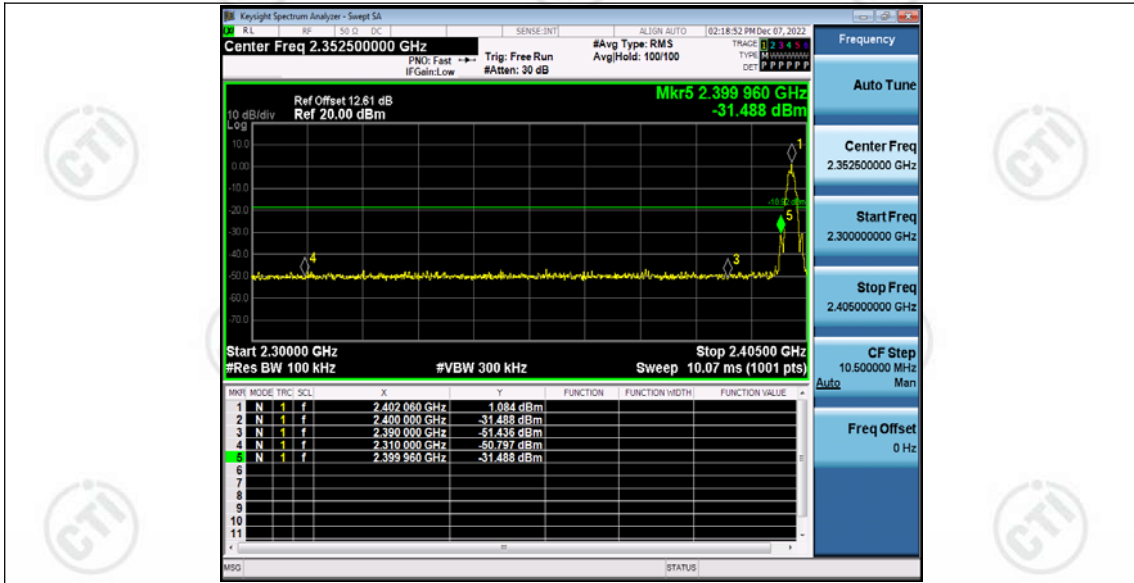


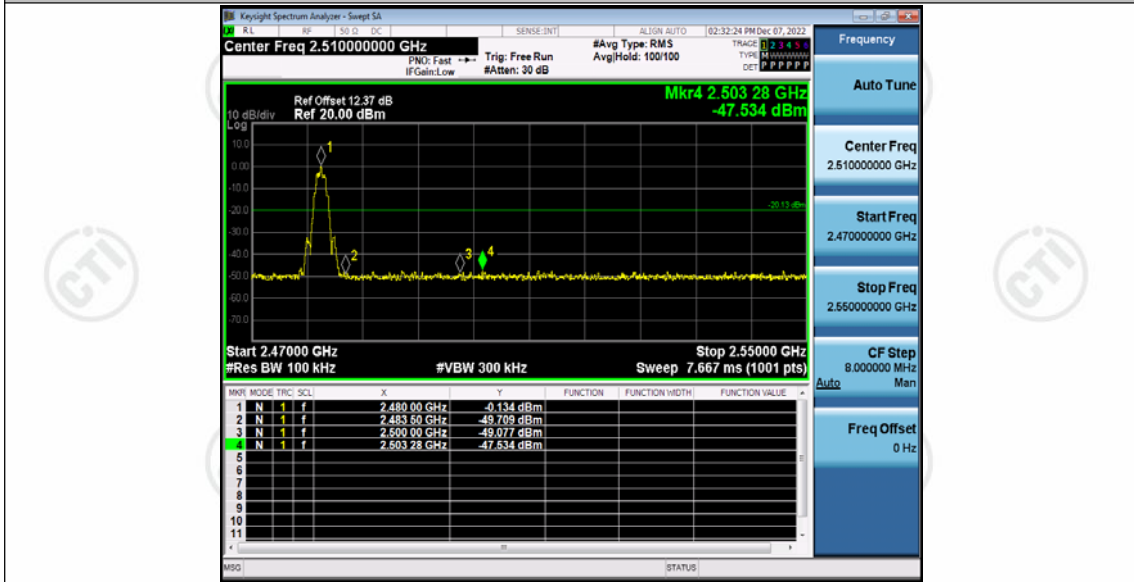
Right:



BLE\_2M\_Ant1\_Low\_2402



BLE\_2M\_Ant1\_High\_2480



## Appendix G: Conducted Spurious Emission

### Test Result

Left:

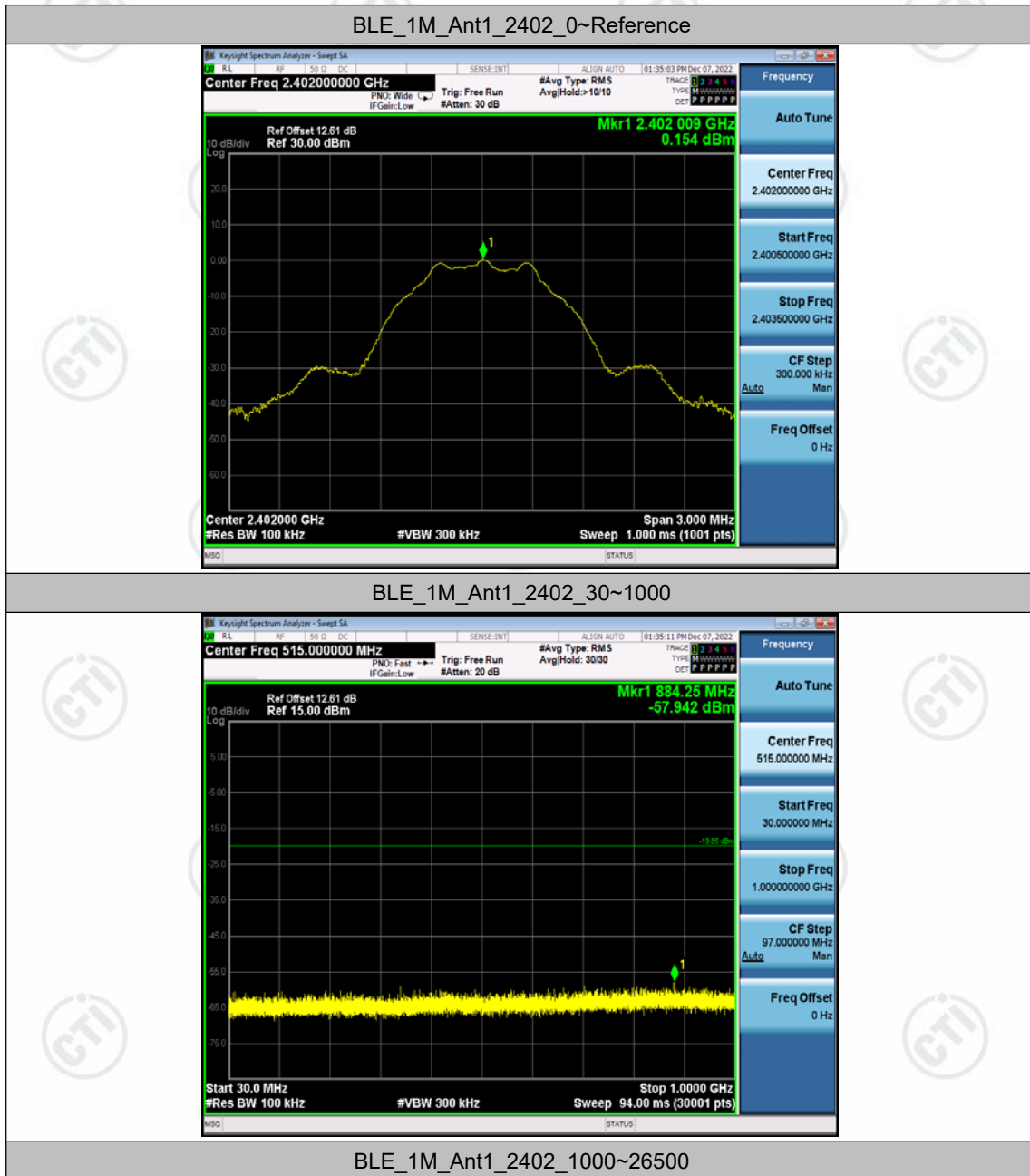
Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.15	0.15	---	PASS
			30~1000	0.15	-57.94	≤-19.85	PASS
			1000~26500	0.15	-50.38	≤-19.85	PASS
		2440	Reference	-0.07	-0.07	---	PASS
			30~1000	-0.07	-58.23	≤-20.07	PASS
			1000~26500	-0.07	-49.91	≤-20.07	PASS
		2480	Reference	-0.82	-0.82	---	PASS
			30~1000	-0.82	-58.88	≤-20.82	PASS
			1000~26500	-0.82	-49.92	≤-20.82	PASS
BLE_2M	Ant1	2402	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-58.18	≤-19.81	PASS
			1000~26500	0.19	-50.21	≤-19.81	PASS
		2440	Reference	-0.11	-0.11	---	PASS
			30~1000	-0.11	-58.37	≤-20.11	PASS
			1000~26500	-0.11	-47.43	≤-20.11	PASS
		2480	Reference	-0.77	-0.77	---	PASS
			30~1000	-0.77	-58.55	≤-20.77	PASS
			1000~26500	-0.77	-48.85	≤-20.77	PASS

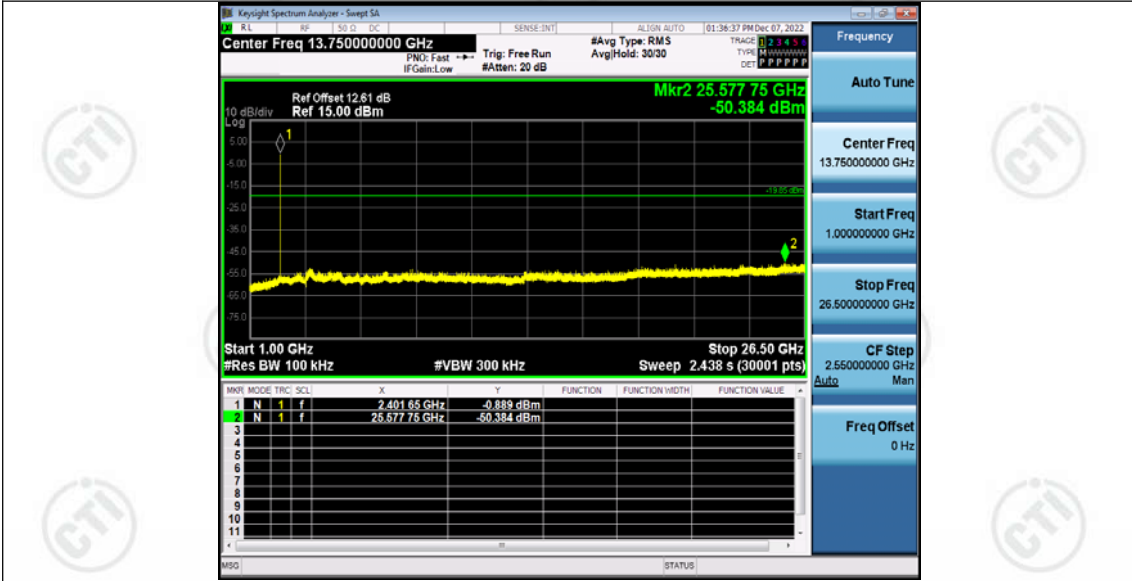
Right:

Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit[dBm]	Verdict	
BLE_1M	Ant1	2402	Reference	0.97	0.97	---	PASS	
			30~1000	0.97	-58.36	≤-19.03	PASS	
			1000~26500	0.97	-50.03	≤-19.03	PASS	
		2440	Ant1	Reference	0.59	0.59	---	PASS
				30~1000	0.59	-58.46	≤-19.41	PASS
				1000~26500	0.59	-50.4	≤-19.41	PASS
		2480	Ant1	Reference	0.08	0.08	---	PASS
				30~1000	0.08	-58.11	≤-19.92	PASS
				1000~26500	0.08	-49.11	≤-19.92	PASS
BLE_2M	Ant1	2402	Reference	0.98	0.98	---	PASS	
			30~1000	0.98	-58.73	≤-19.02	PASS	
			1000~26500	0.98	-48.48	≤-19.02	PASS	
		2440	Ant1	Reference	0.62	0.62	---	PASS
				30~1000	0.62	-58.48	≤-19.38	PASS
				1000~26500	0.62	-50.22	≤-19.38	PASS
		2480	Ant1	Reference	-0.59	-0.59	---	PASS
				30~1000	-0.59	-58.16	≤-20.59	PASS
				1000~26500	-0.59	-50.81	≤-20.59	PASS

## Test Graphs

Left:

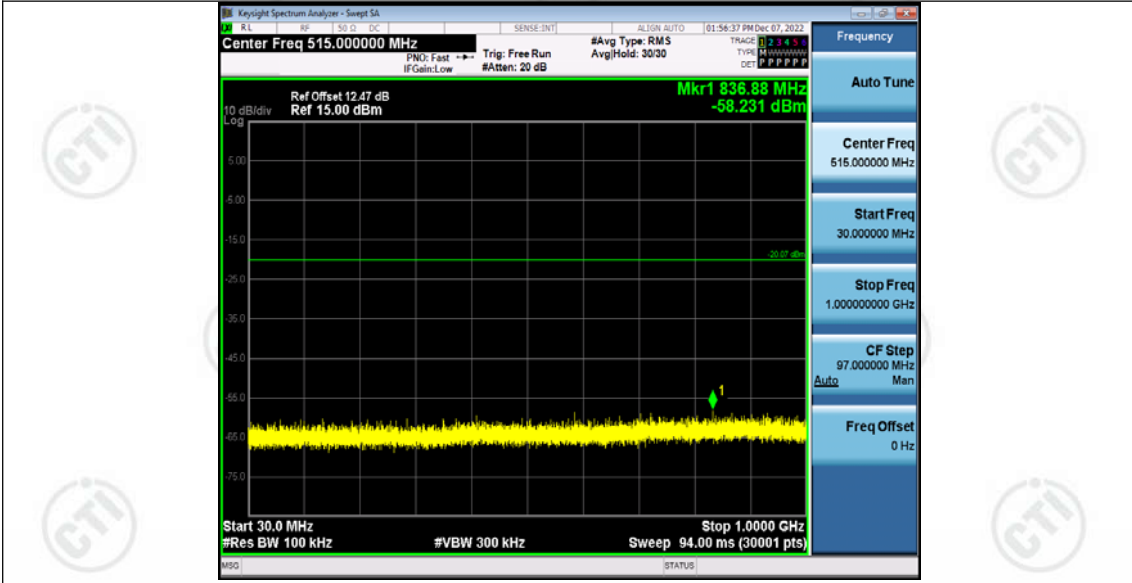




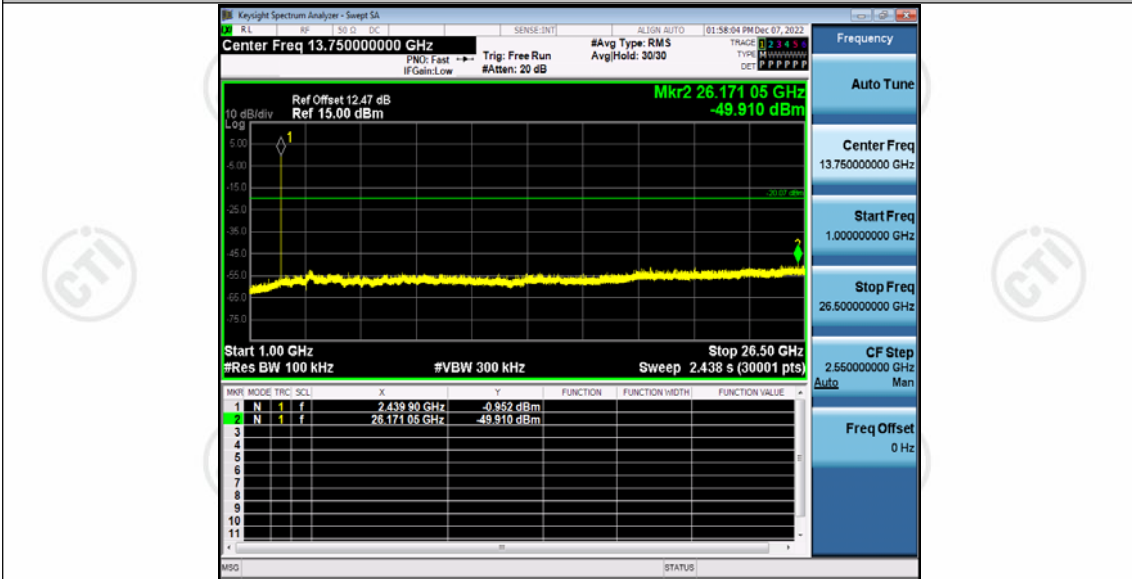
BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



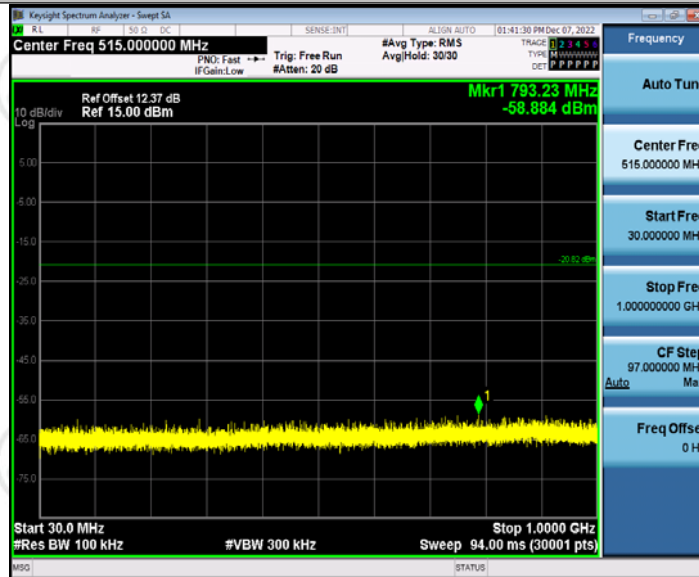
BLE\_1M\_Ant1\_2440\_1000~26500



BLE\_1M\_Ant1\_2480\_0~Reference

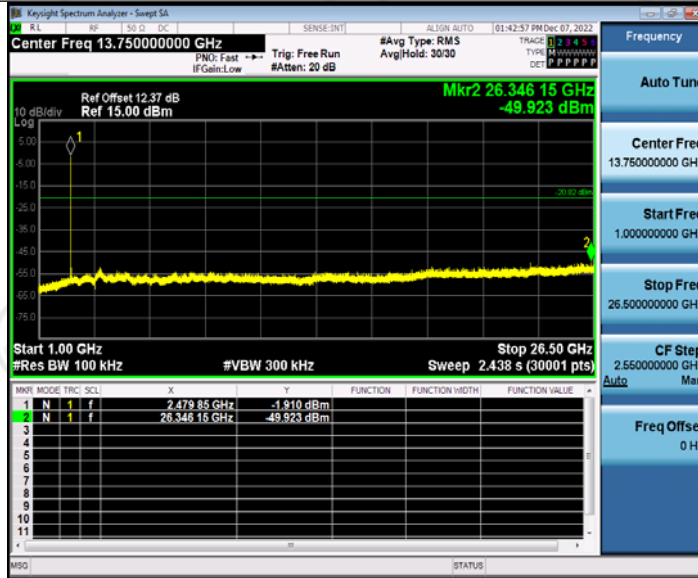


BLE\_1M\_Ant1\_2480\_30~1000



BLE\_1M\_Ant1\_2480\_1000~26500

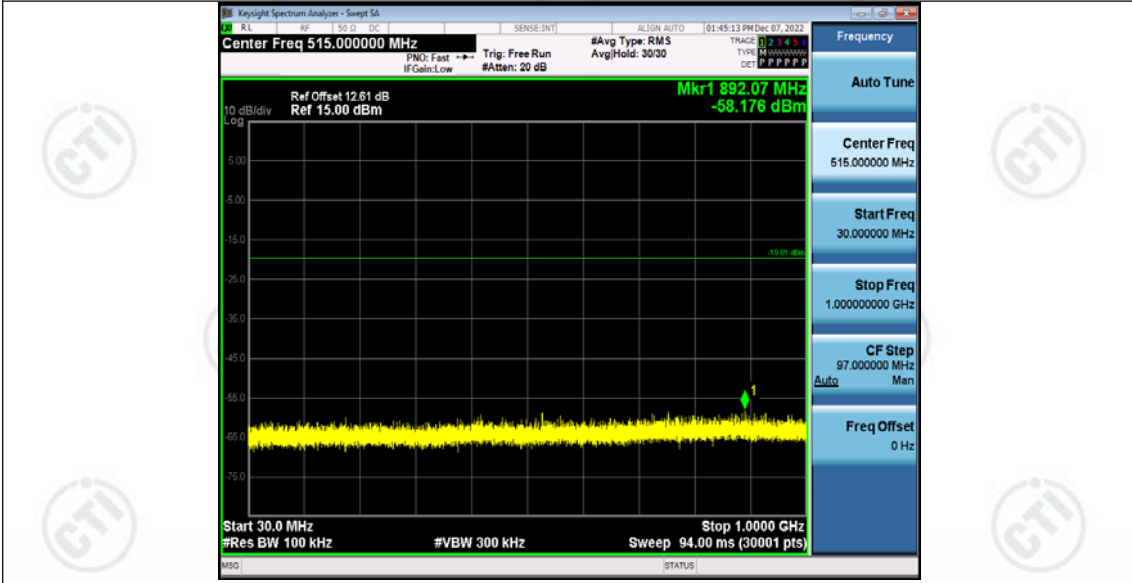




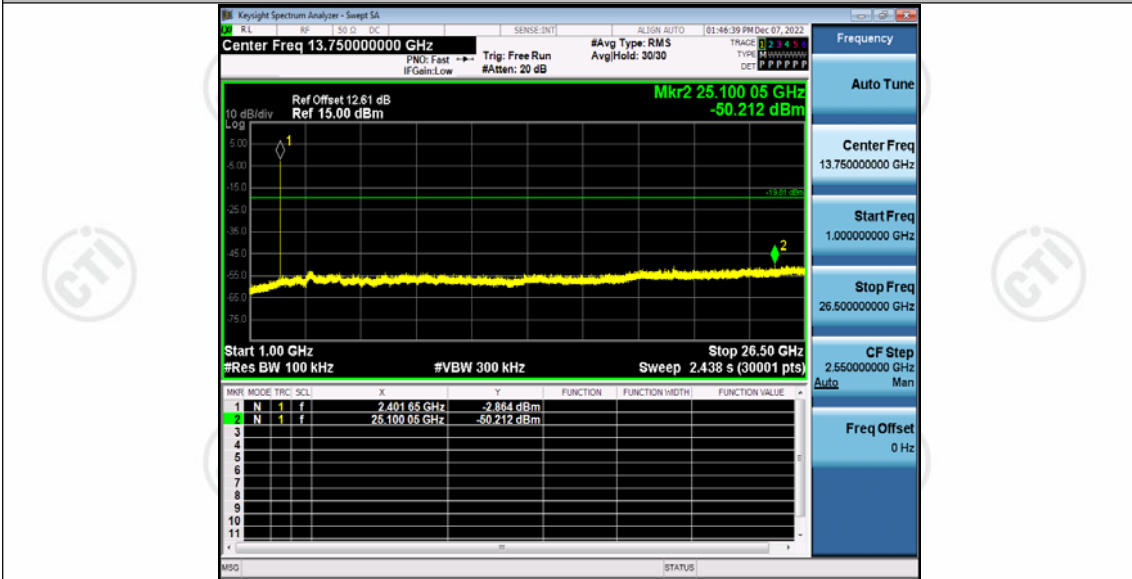
BLE\_2M\_Ant1\_2402\_0~Reference



BLE\_2M\_Ant1\_2402\_30~1000



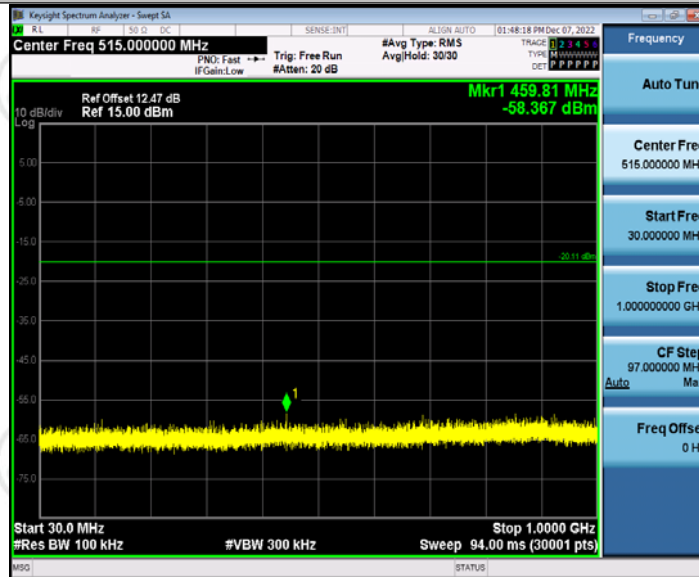
BLE\_2M\_Ant1\_2402\_1000~26500



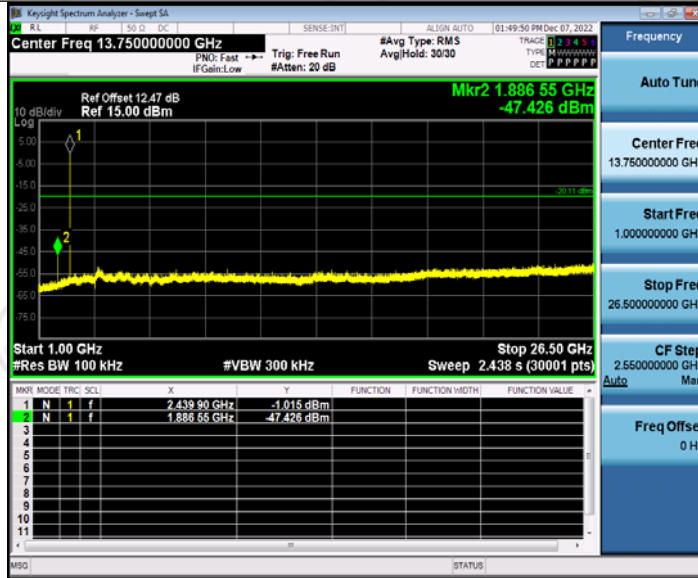
BLE\_2M\_Ant1\_2440\_0~Reference



BLE\_2M\_Ant1\_2440\_30~1000



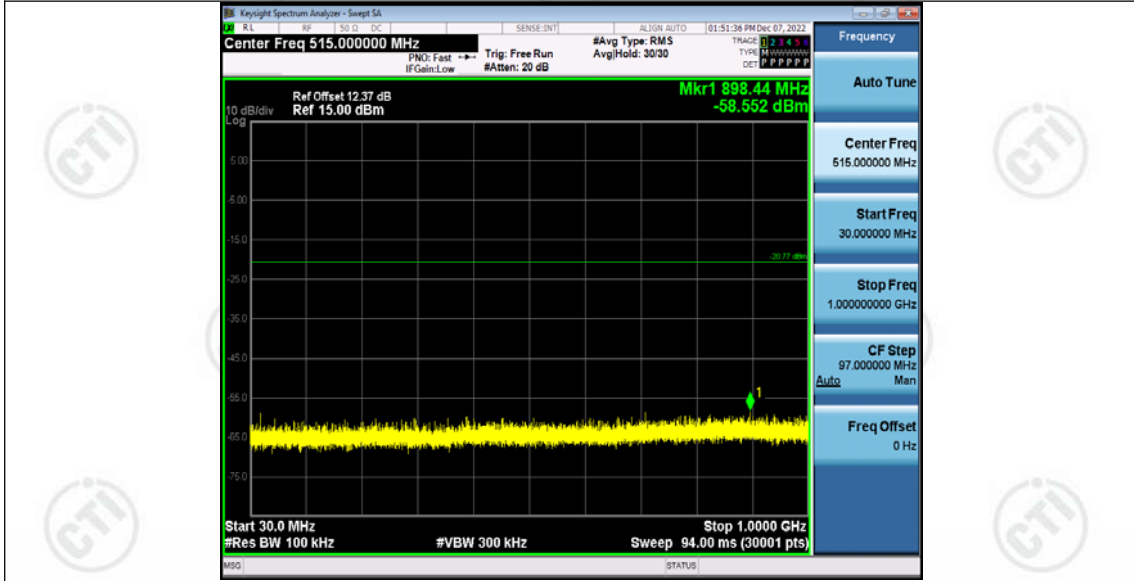
BLE\_2M\_Ant1\_2440\_1000~26500



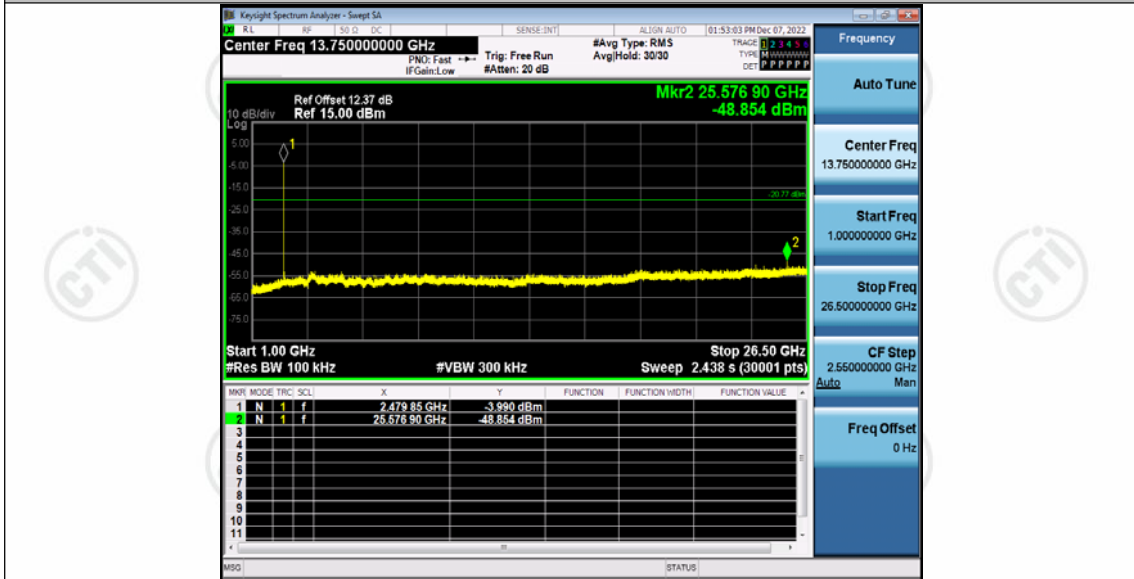
BLE\_2M\_Ant1\_2480\_0~Reference



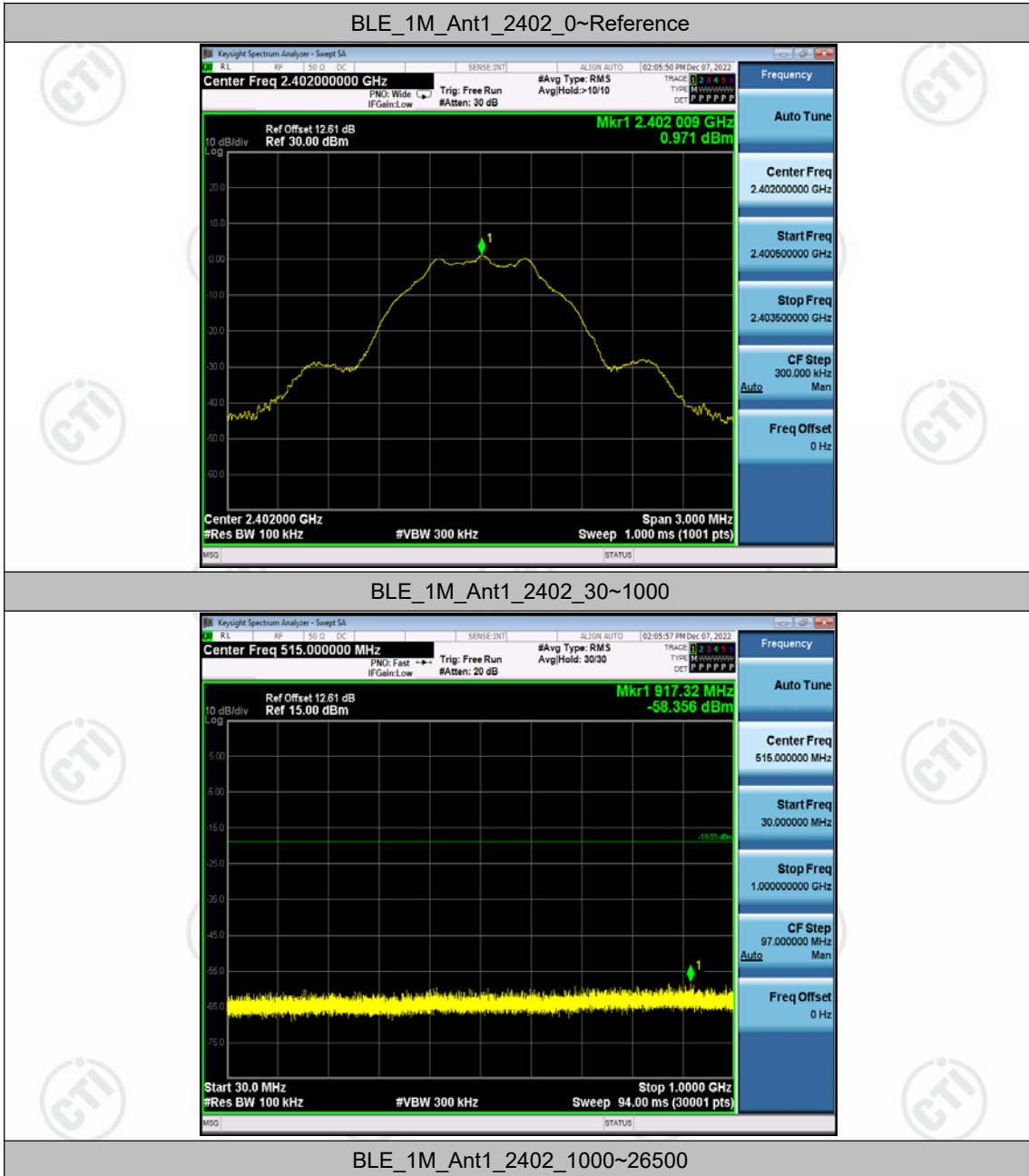
BLE\_2M\_Ant1\_2480\_30~1000

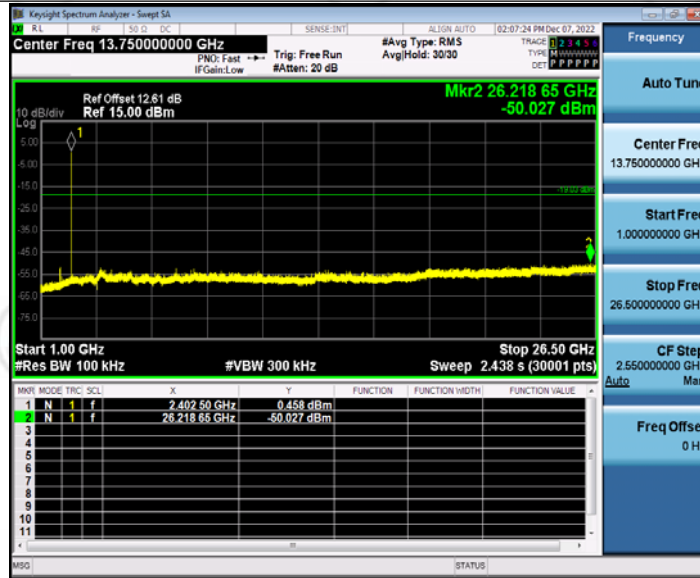


BLE\_2M\_Ant1\_2480\_1000~26500



Right:

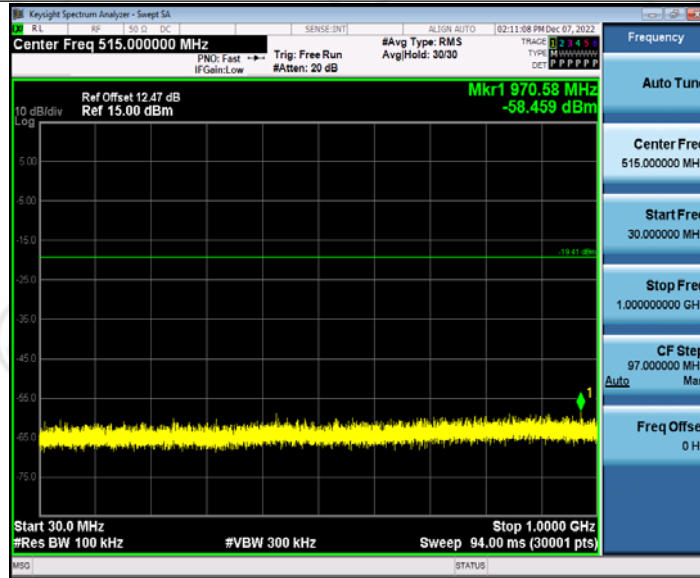




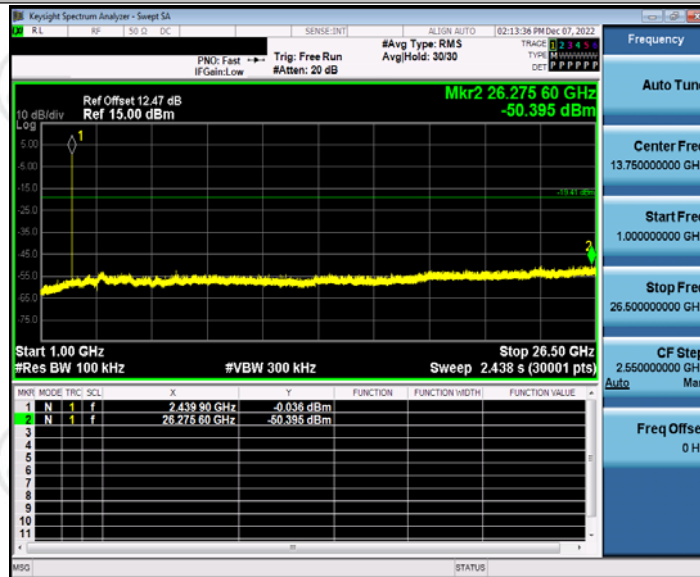
BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



BLE\_1M\_Ant1\_2440\_1000~26500

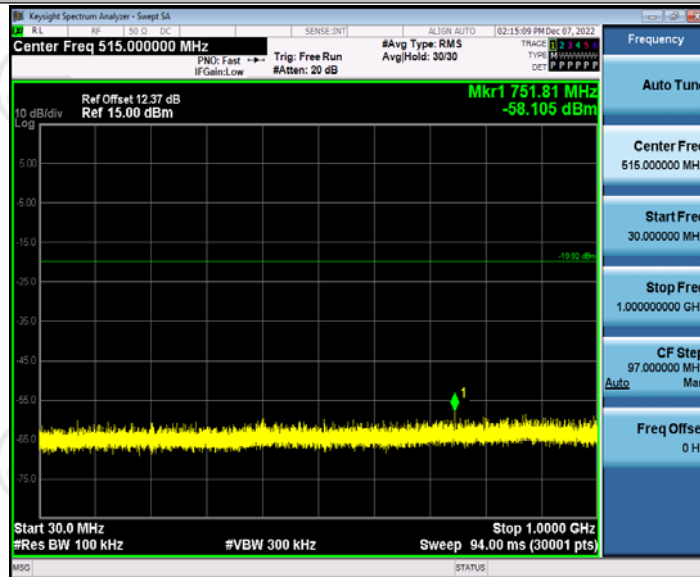


BLE\_1M\_Ant1\_2480\_0~Reference

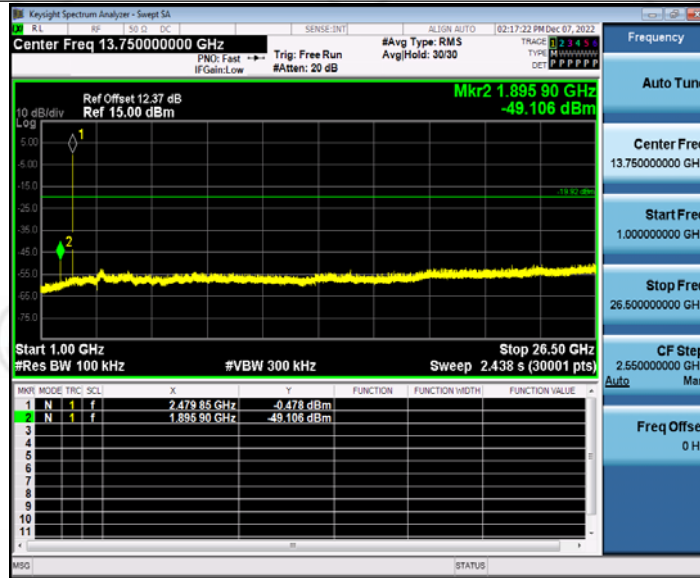




BLE\_1M\_Ant1\_2480\_30~1000



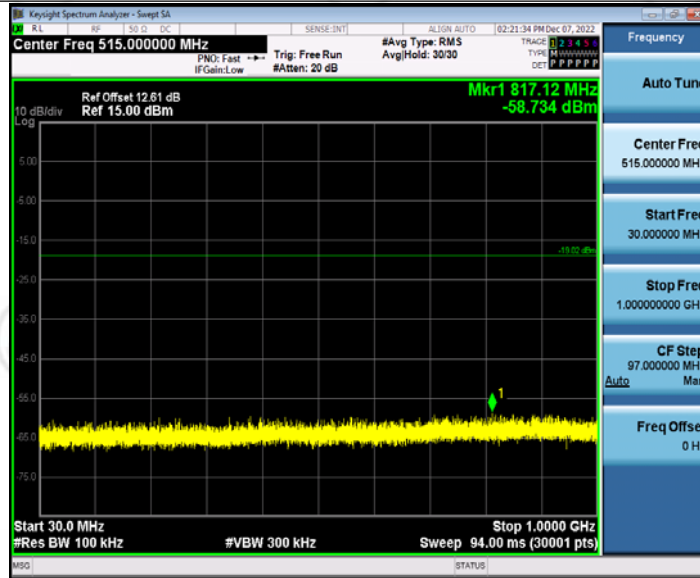
BLE\_1M\_Ant1\_2480\_1000~26500



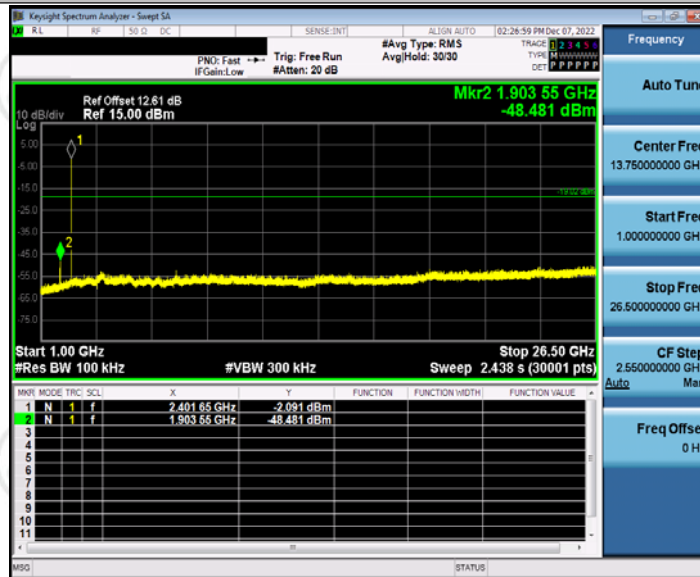
BLE\_2M\_Ant1\_2402\_0~Reference



BLE\_2M\_Ant1\_2402\_30~1000



BLE\_2M\_Ant1\_2402\_1000~26500



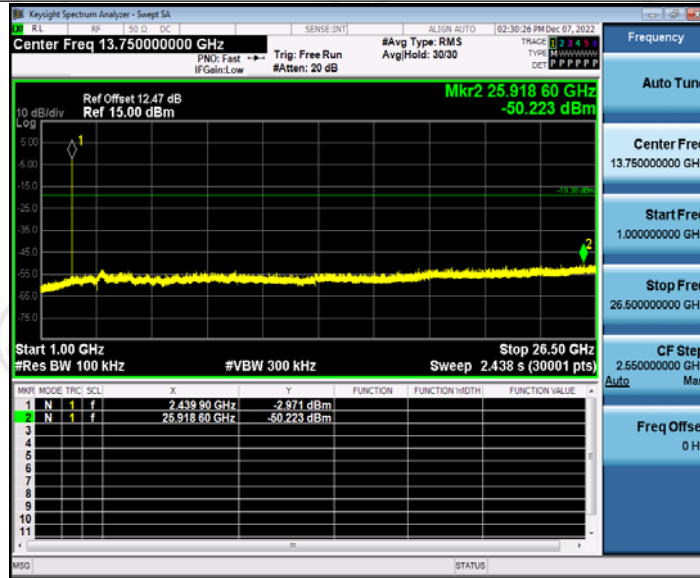
BLE\_2M\_Ant1\_2440\_0~Reference



BLE\_2M\_Ant1\_2440\_30~1000



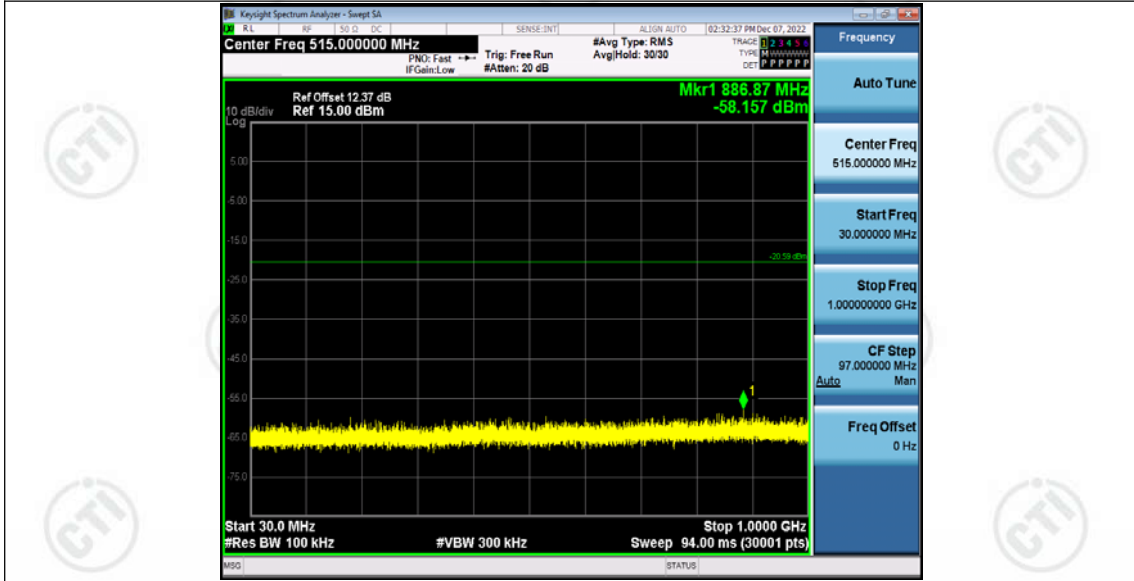
BLE\_2M\_Ant1\_2440\_1000~26500



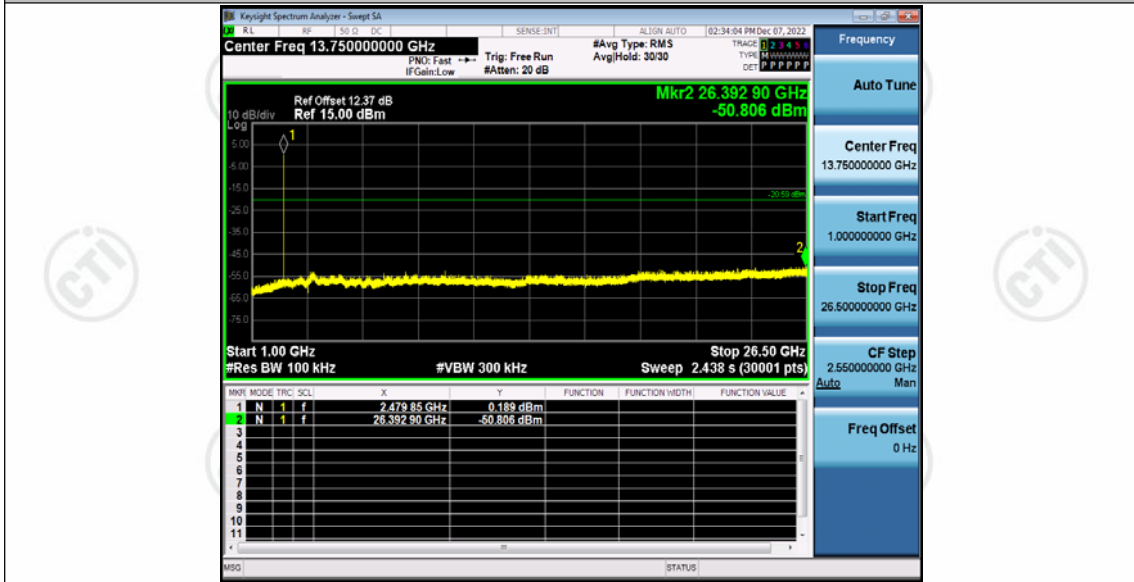
BLE\_2M\_Ant1\_2480\_0~Reference



BLE\_2M\_Ant1\_2480\_30~1000



BLE\_2M\_Ant1\_2480\_1000~26500



## Appendix H: Duty Cycle

### Test Result

Left:

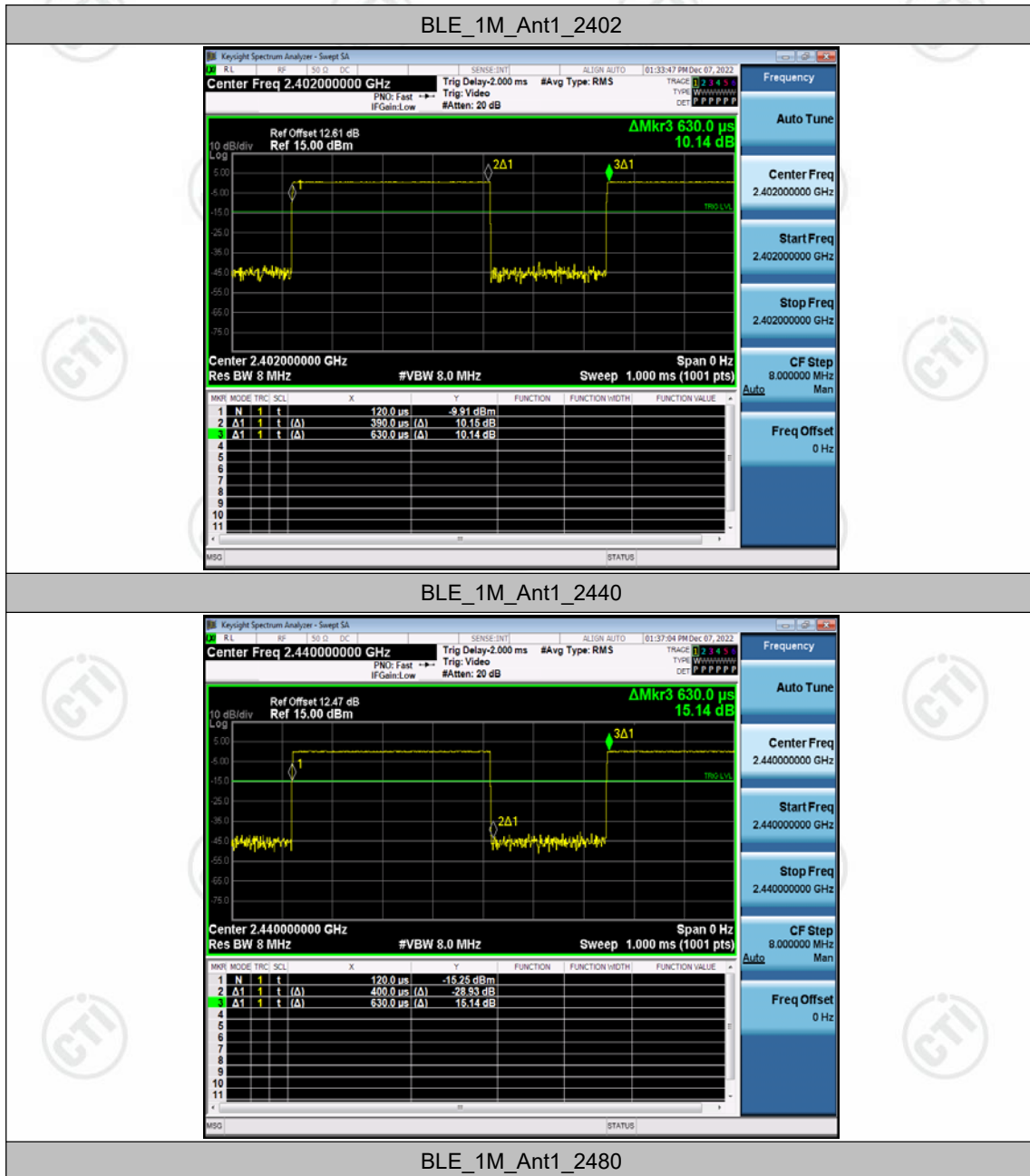
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
		2440	0.40	0.63	63.49	1.97
		2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
		2440	0.21	0.63	33.33	4.77
		2480	0.21	0.63	33.33	4.77

Right:

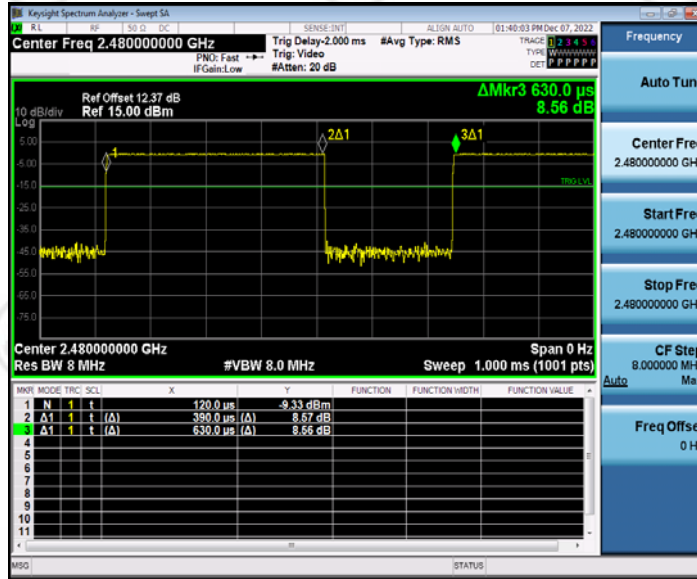
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.63	63.49	1.97
		2440	0.40	0.63	63.49	1.97
		2480	0.40	0.63	63.49	1.97
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
		2440	0.21	0.63	33.33	4.77
		2480	0.21	0.63	33.33	4.77

## Test Graphs

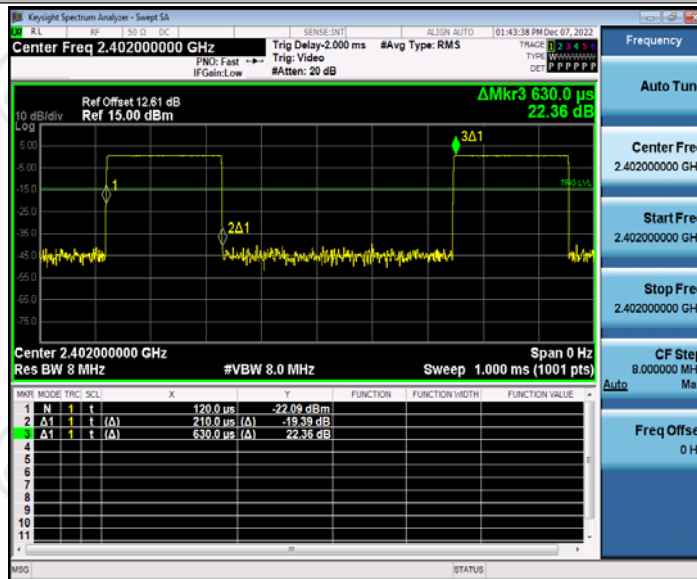
Left:



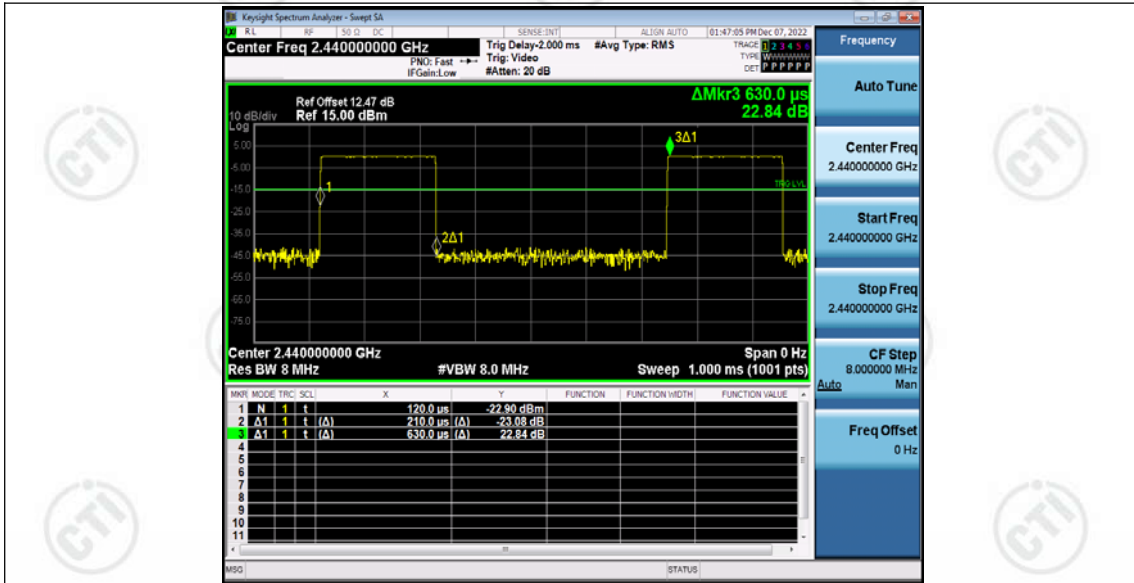




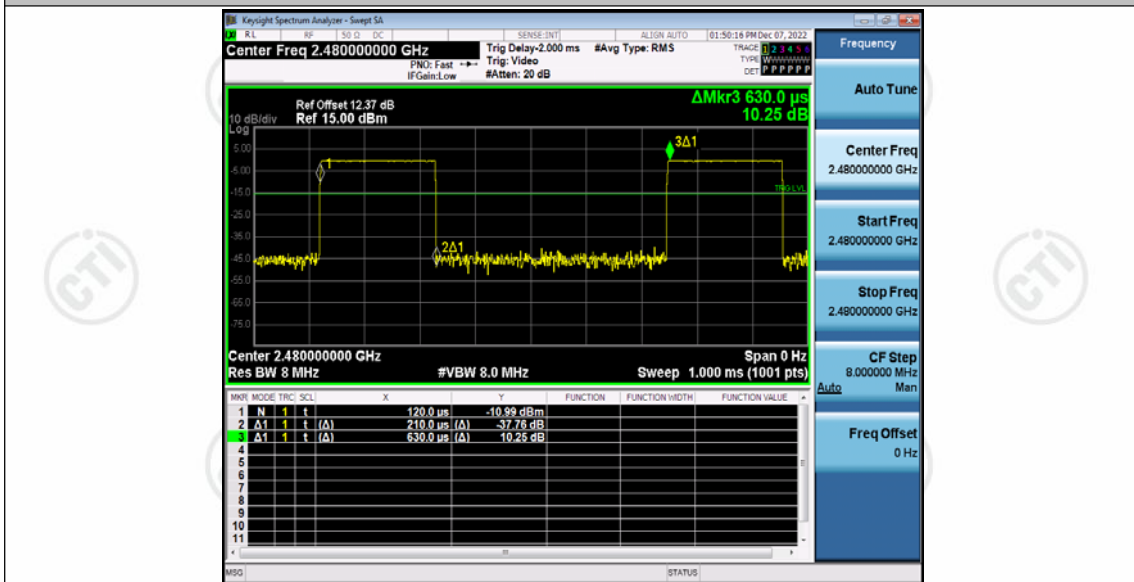
BLE\_2M\_Ant1\_2402



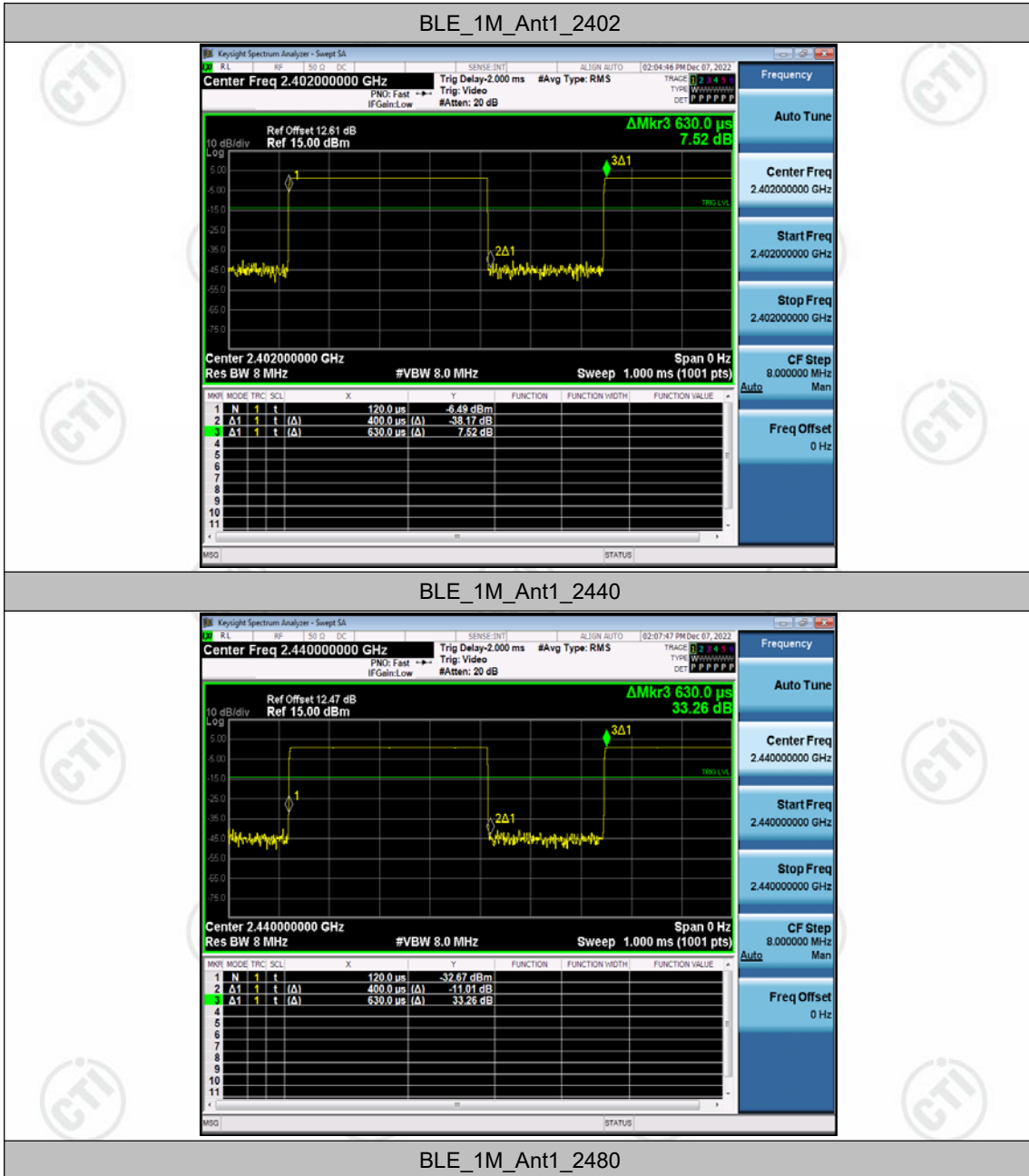
BLE\_2M\_Ant1\_2440

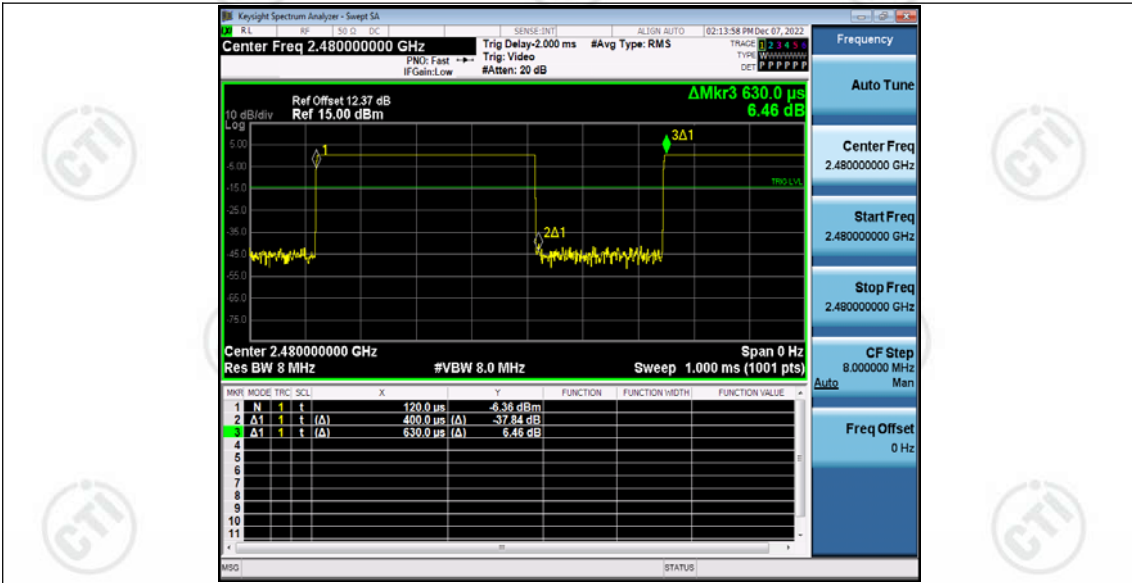


BLE\_2M\_Ant1\_2480

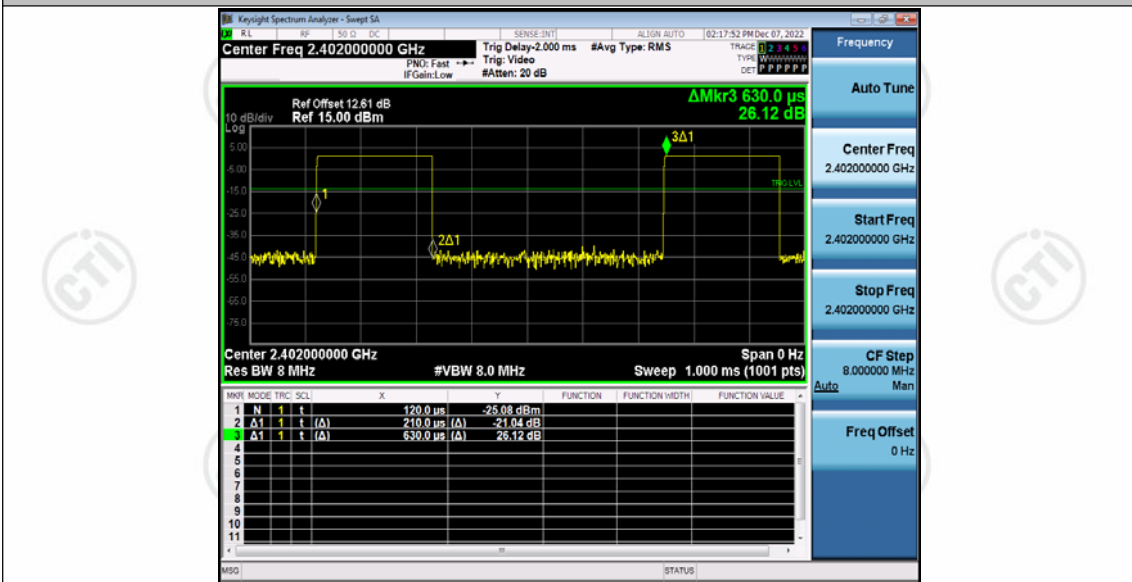


Right:

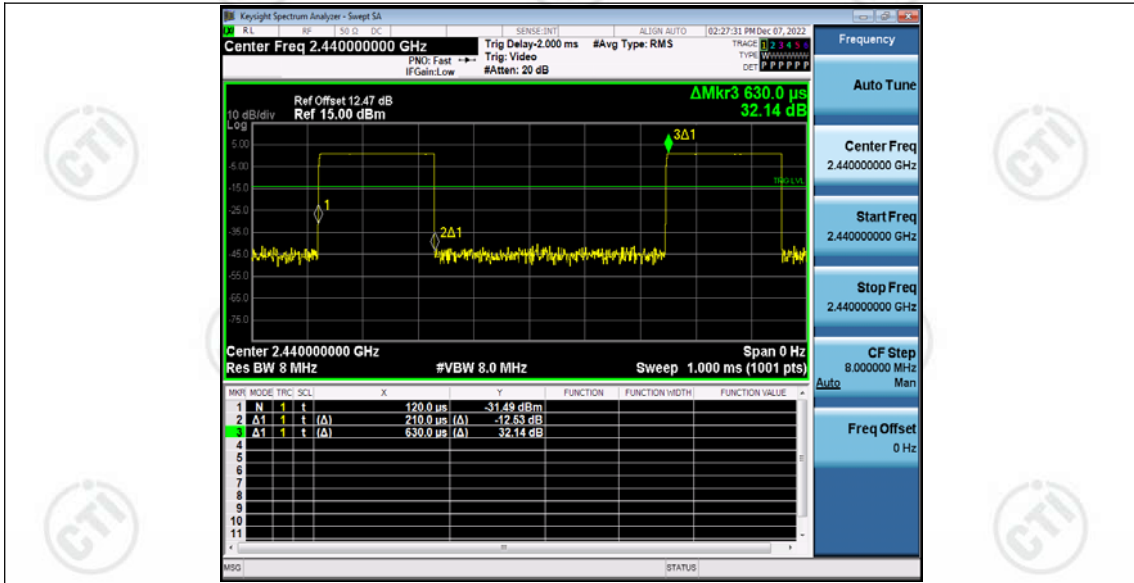




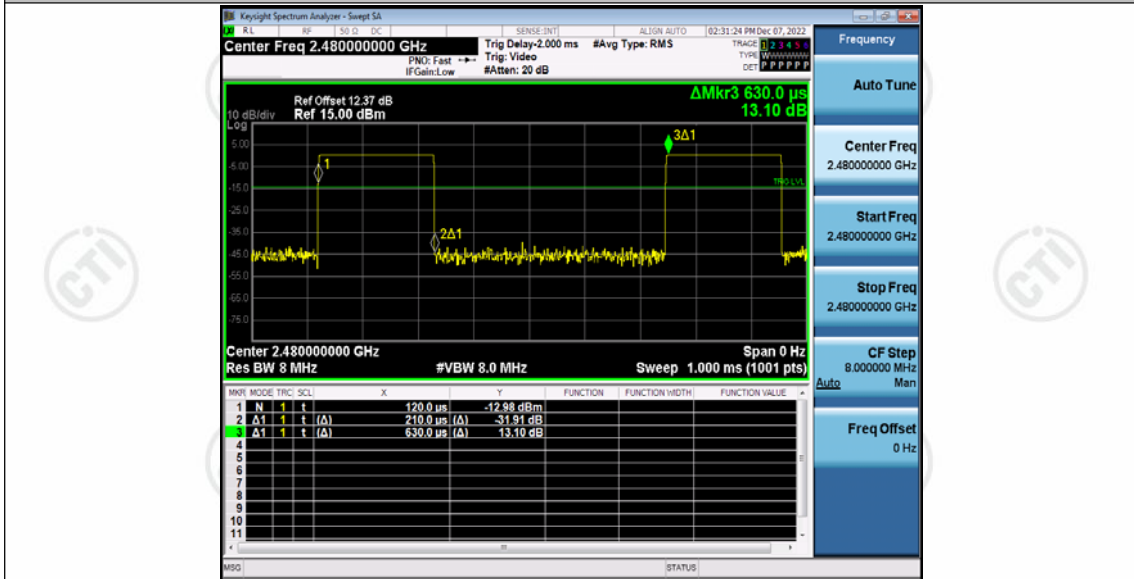
BLE\_2M\_Ant1\_2402



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480



\*\*\* End of Report \*\*\*