

Appendix: Bluetooth LE

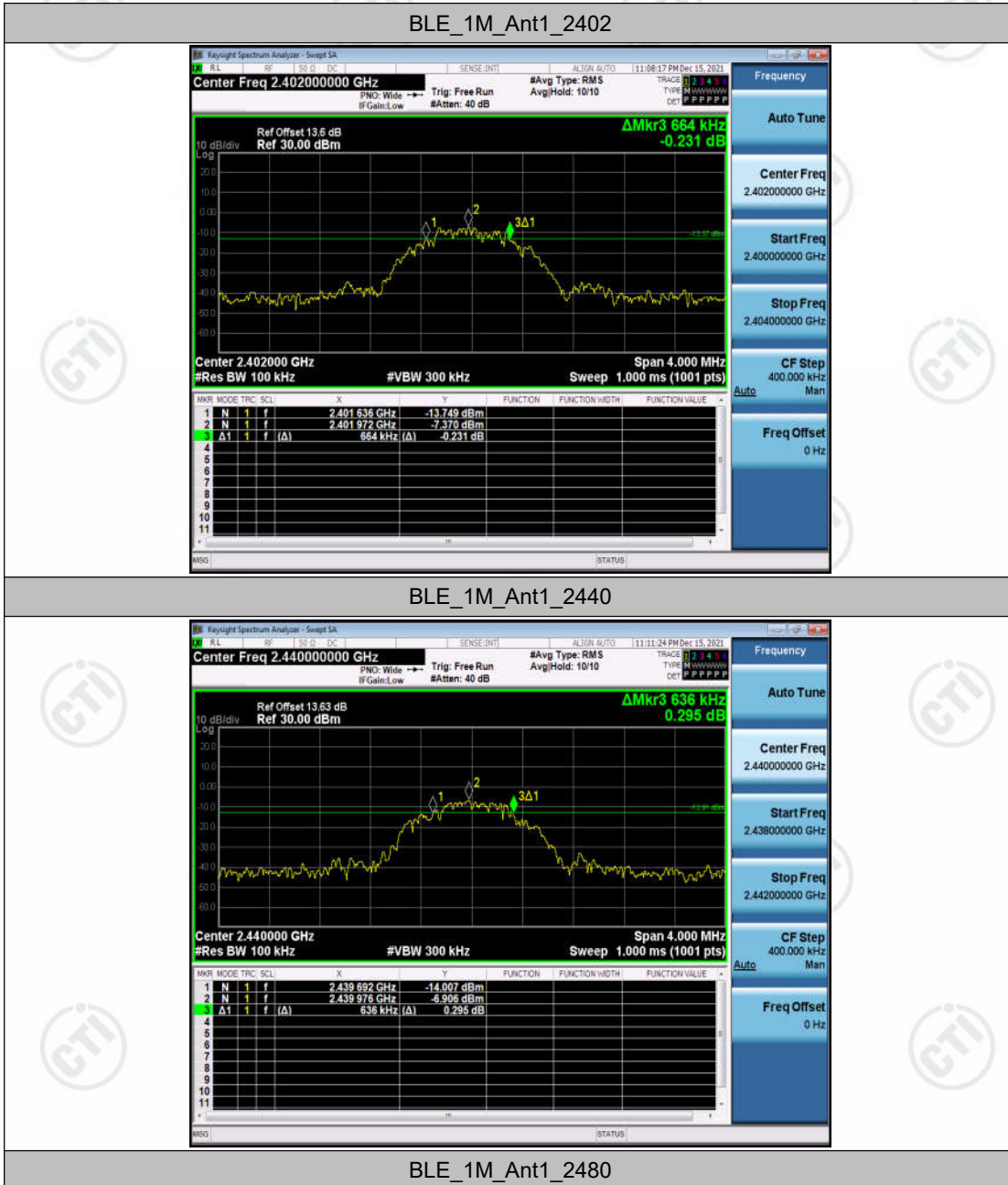
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**Appendix A: DTS Bandwidth****Test Result**

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.664	2401.636	2402.300	0.5	PASS
		2440	0.636	2439.692	2440.328	0.5	PASS
		2480	0.680	2479.620	2480.300	0.5	PASS

## Test Graphs

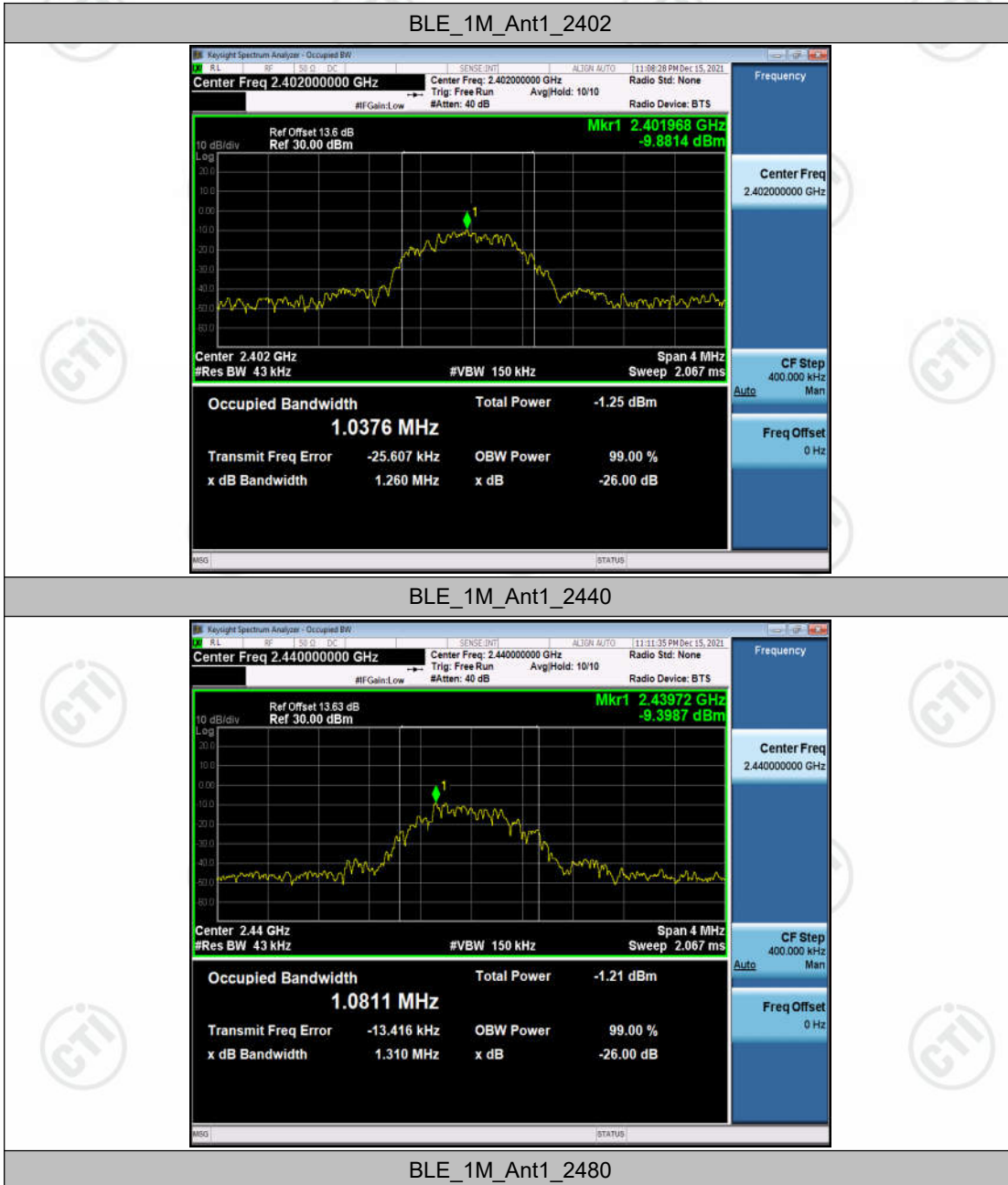




**Appendix B: Occupied Channel Bandwidth****Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0376	2401.456	2402.493	---	PASS
		2440	1.0811	2439.446	2440.527	---	PASS
		2480	1.0893	2479.435	2480.524	---	PASS

## Test Graphs



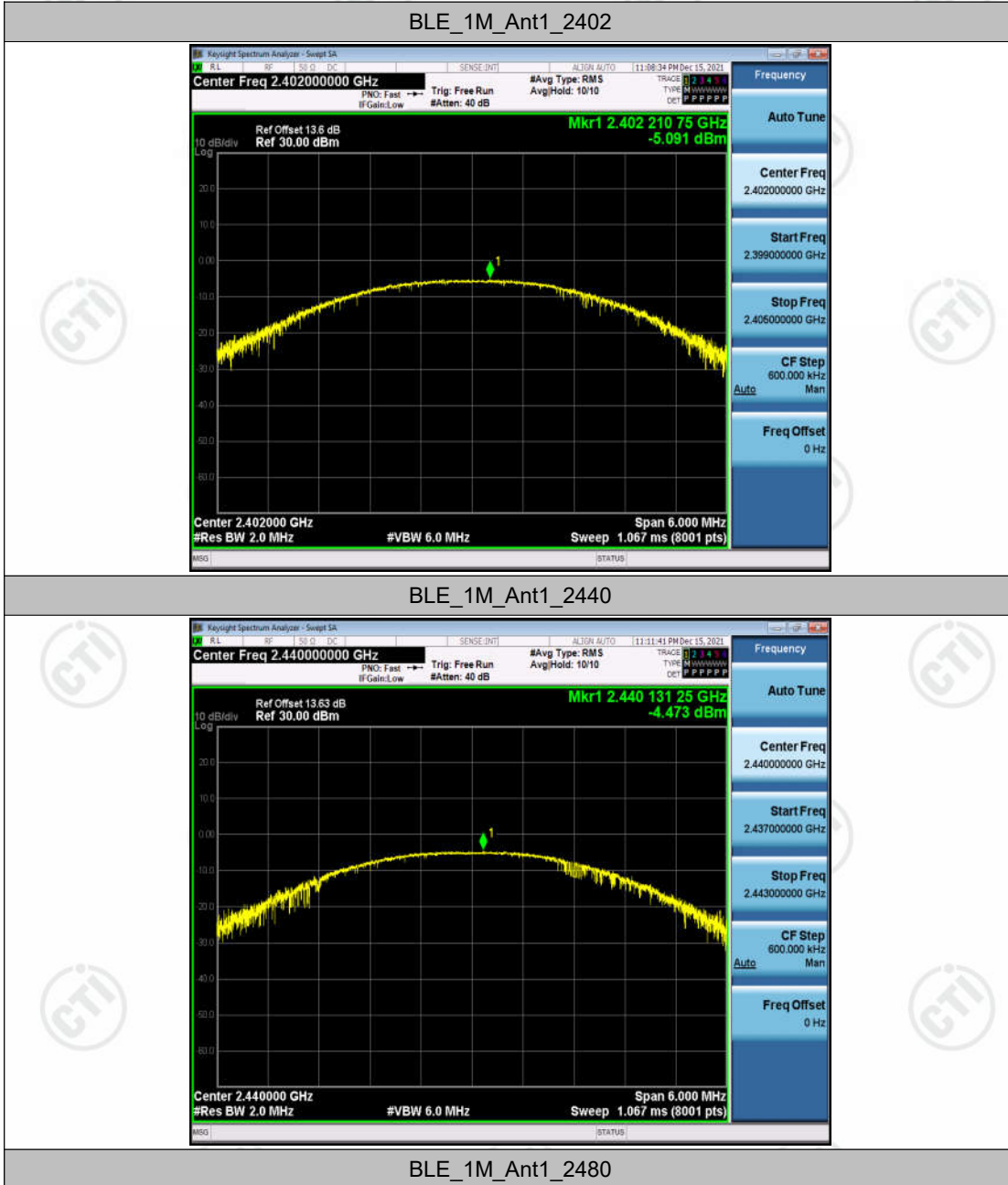


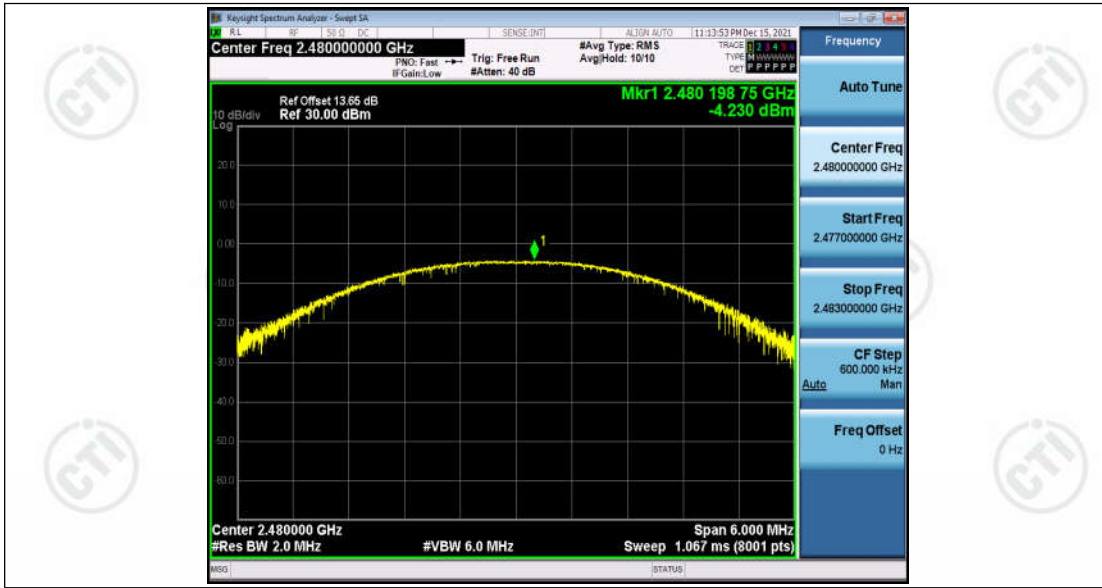


**Appendix C: Maximum conducted output power****Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-5.09	<=30	PASS
		2440	-4.47	<=30	PASS
		2480	-4.23	<=30	PASS

## Test Graphs

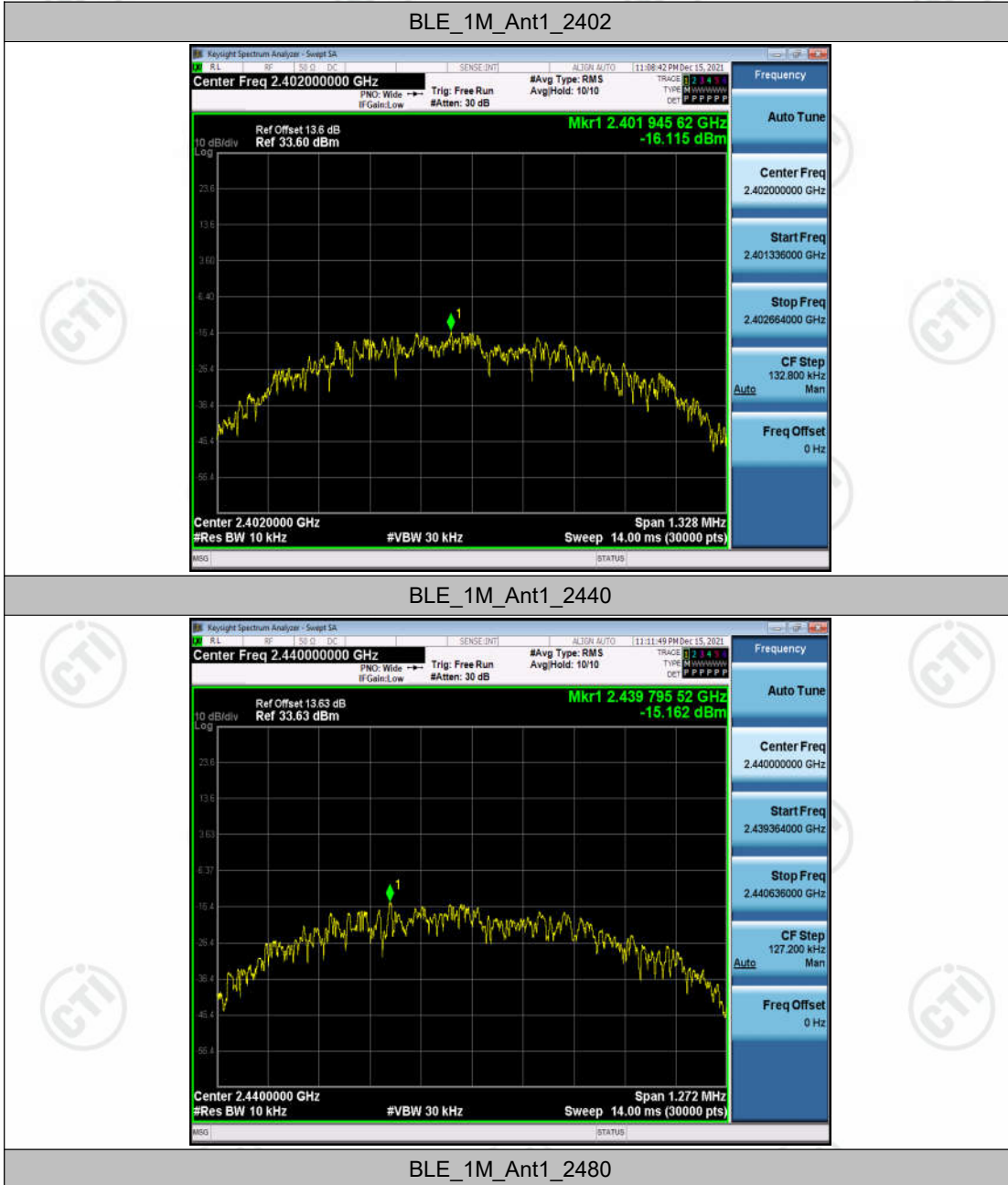


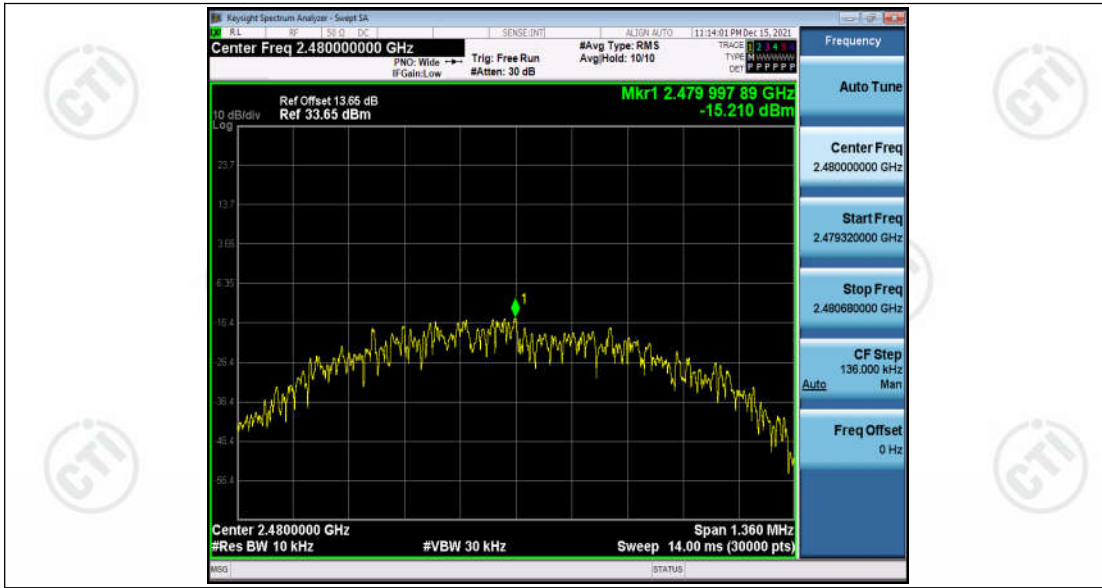


**Appendix D: Maximum power spectral density****Test Result**

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.11	<=8	PASS
		2440	-15.16	<=8	PASS
		2480	-15.21	<=8	PASS

## Test Graphs



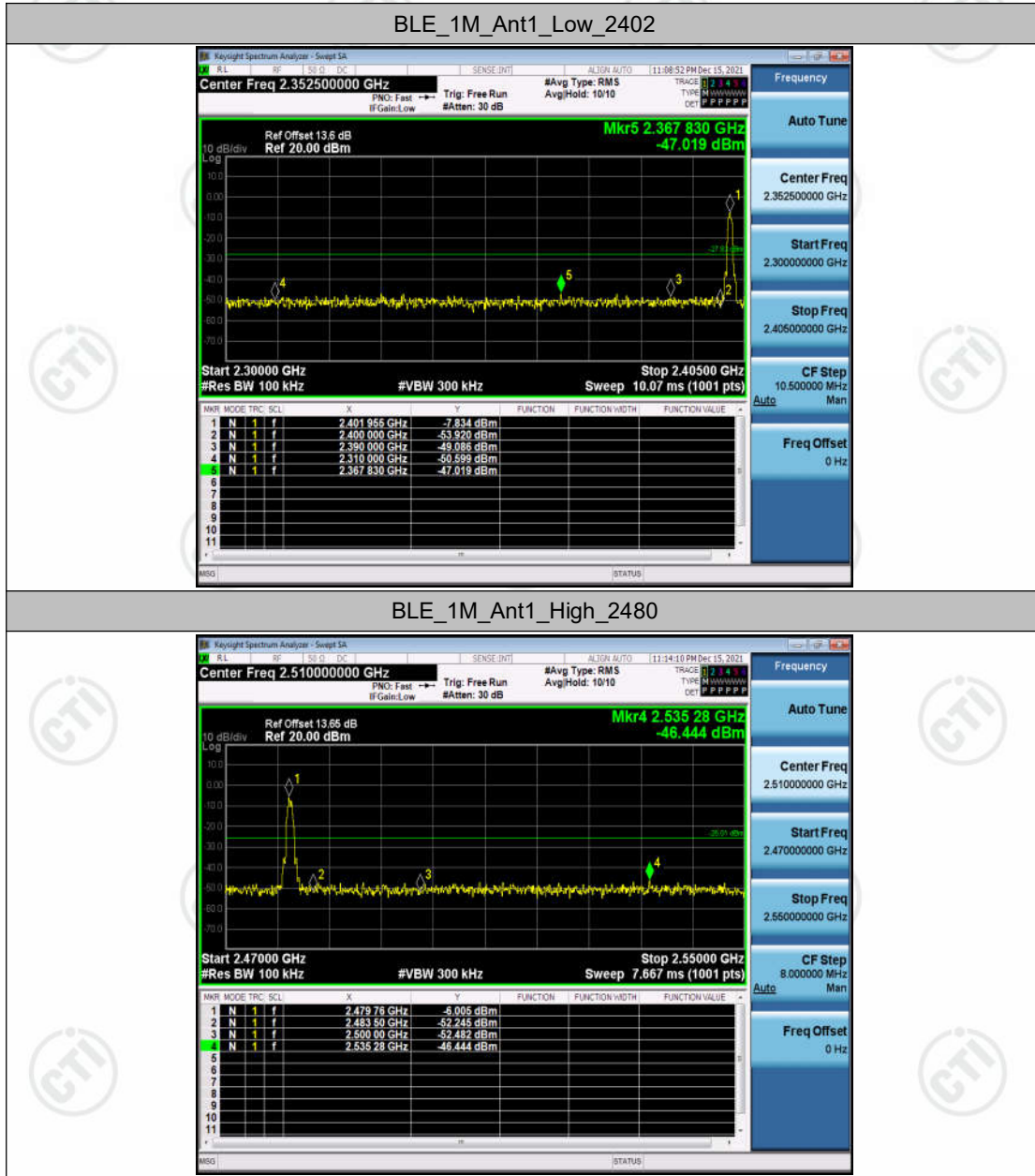


## Appendix E: Band edge measurements

### Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-7.83	-47.02	<=-27.83	PASS
		High	2480	-6.01	-46.44	<=-26.01	PASS

## Test Graphs



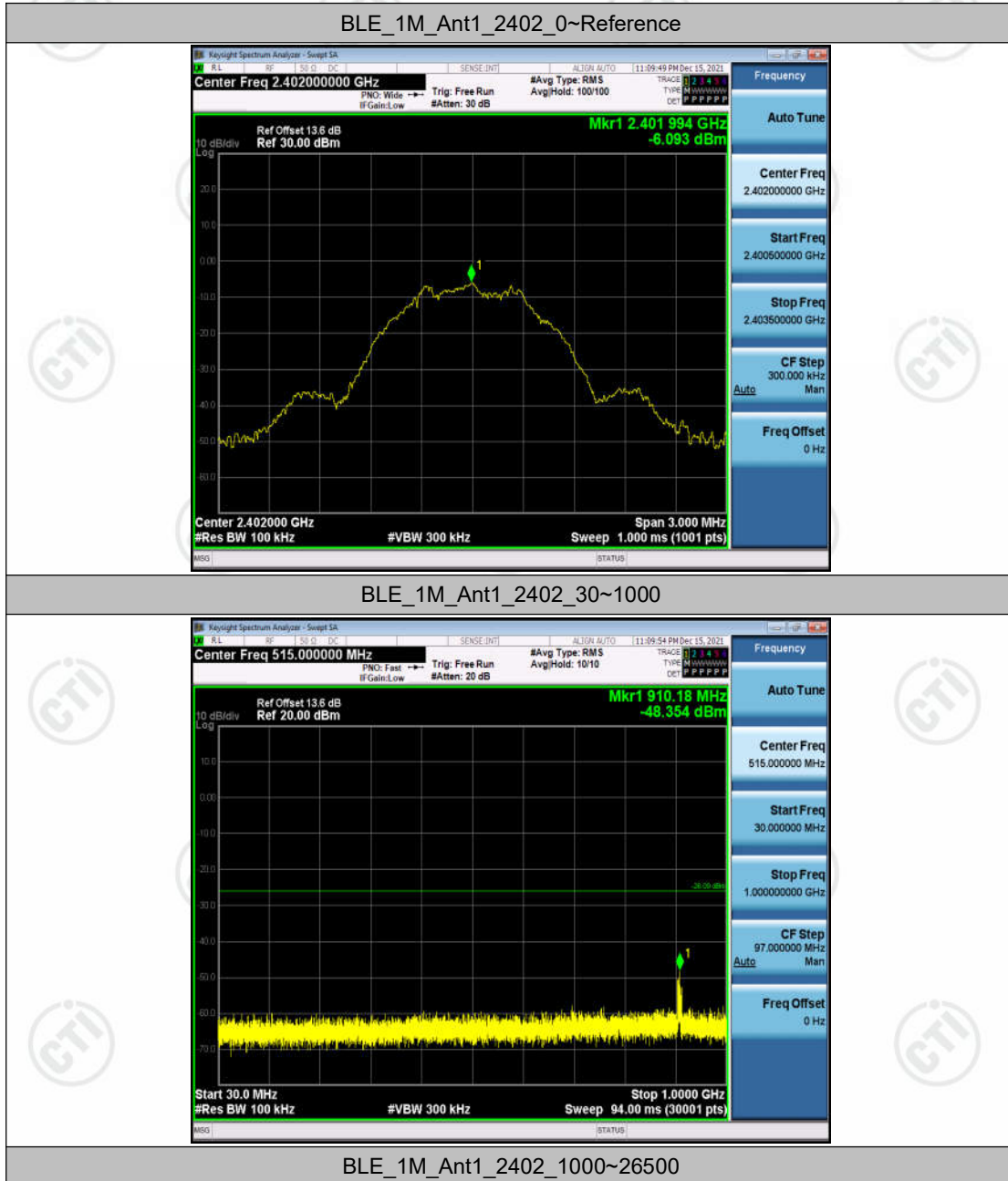


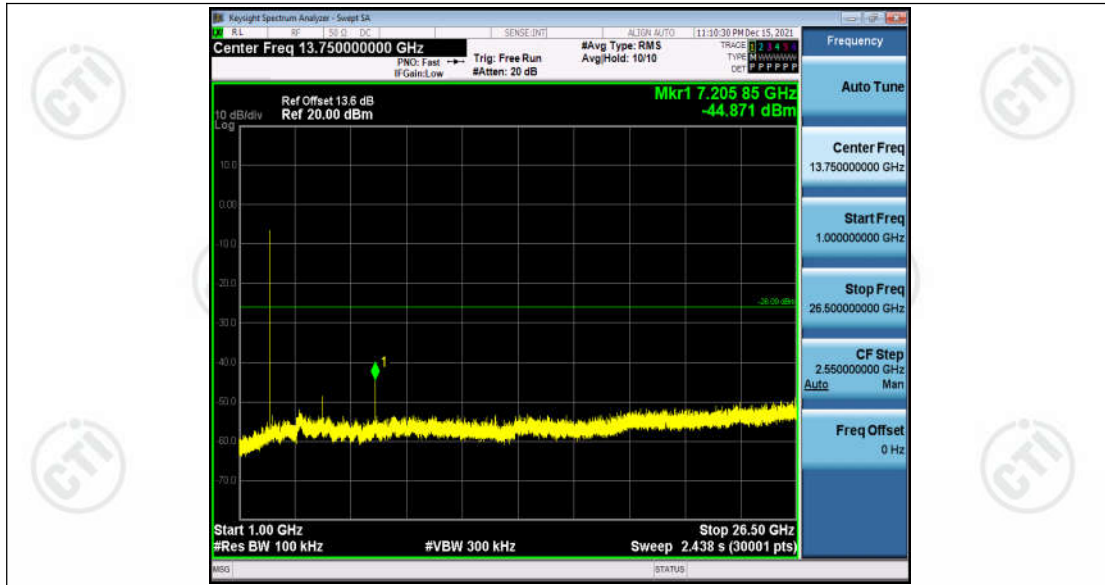
## Appendix F: Conducted Spurious Emission

### Test Result

Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-6.09	-6.09	---	PASS
			30~1000	30~1000	-48.354	<=-26.093	PASS
			1000~26500	1000~26500	-44.871	<=-26.093	PASS
		2440	Reference	-5.45	-5.45	---	PASS
			30~1000	30~1000	-57.927	<=-25.447	PASS
			1000~26500	1000~26500	-49.301	<=-25.447	PASS
		2480	Reference	-5.32	-5.32	---	PASS
			30~1000	30~1000	-55.643	<=-25.322	PASS
			1000~26500	1000~26500	-49.531	<=-25.322	PASS

## Test Graphs

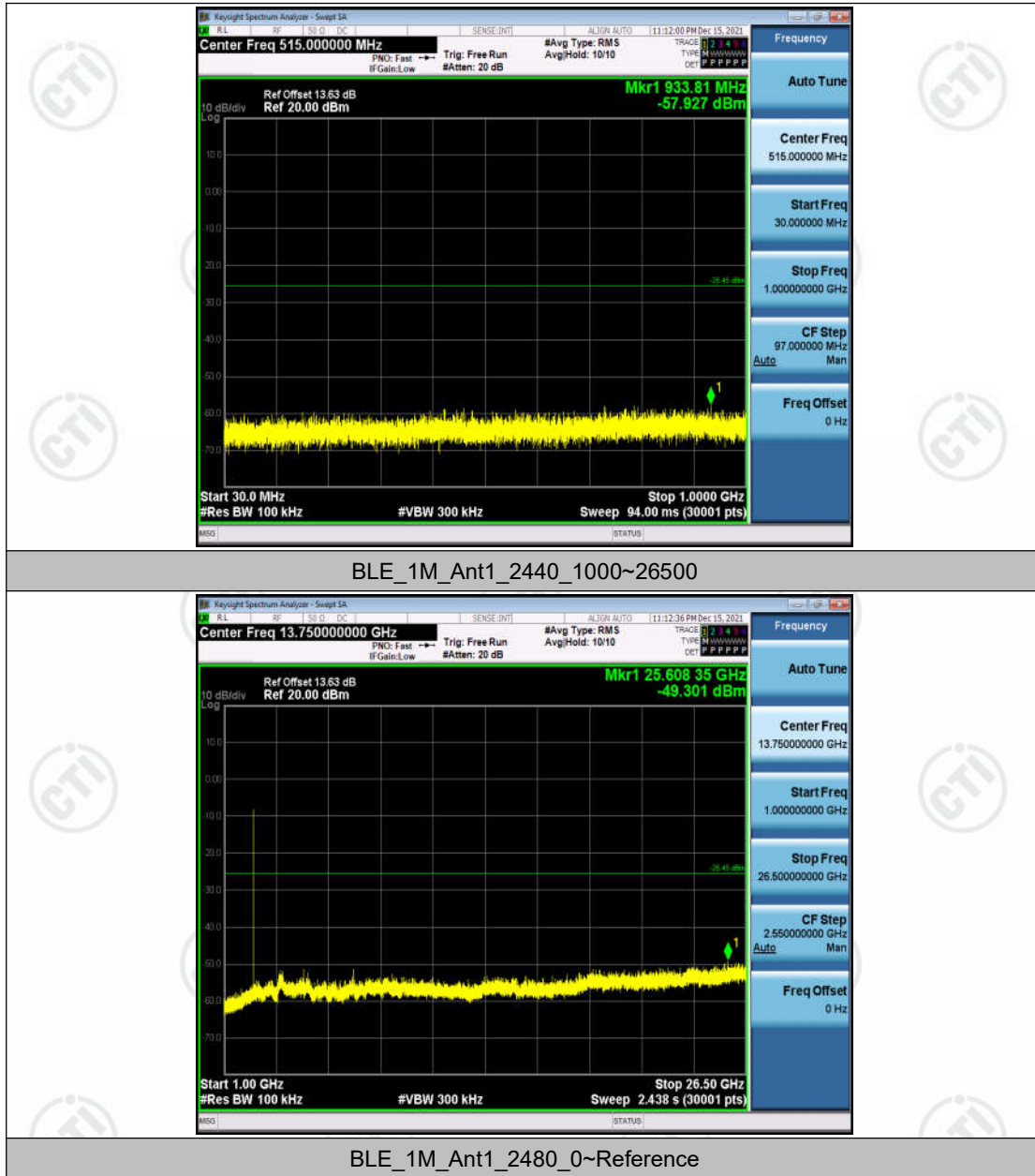




BLE\_1M\_Ant1\_2440\_0~Reference

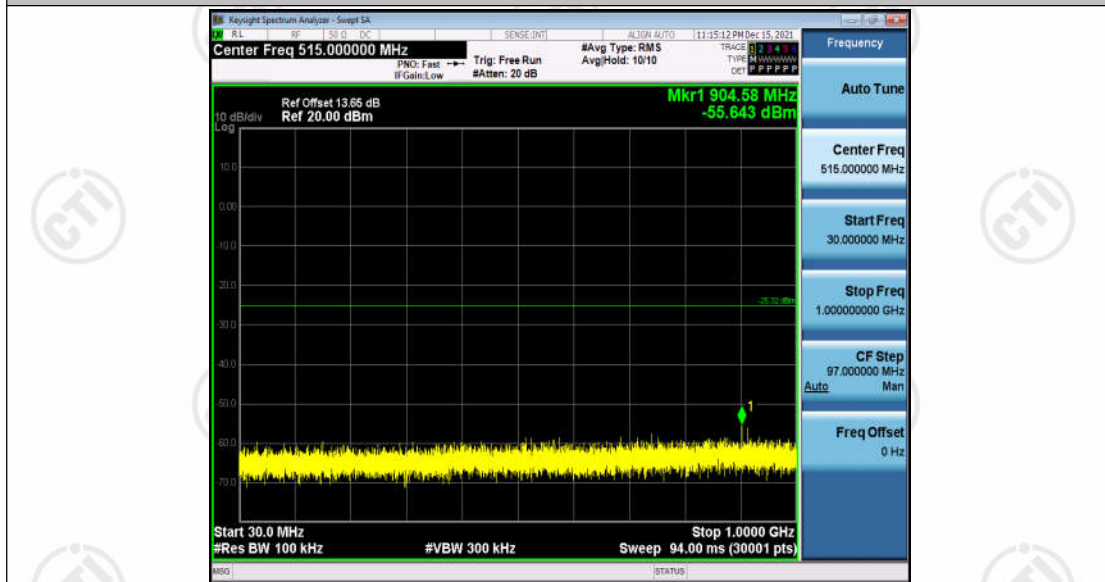


BLE\_1M\_Ant1\_2440\_30~1000





BLE\_1M\_Ant1\_2480\_30~1000



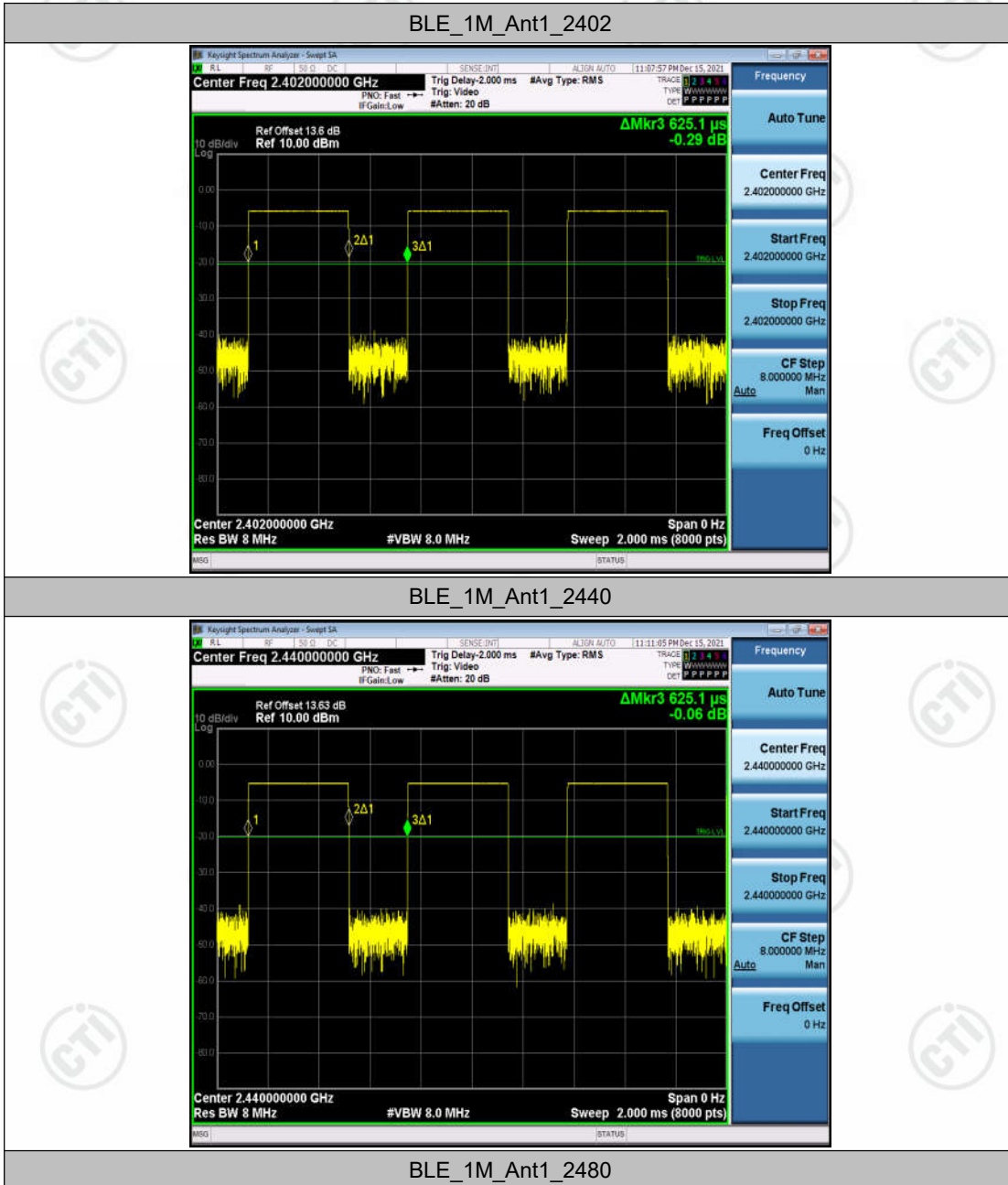
BLE\_1M\_Ant1\_2480\_1000~26500



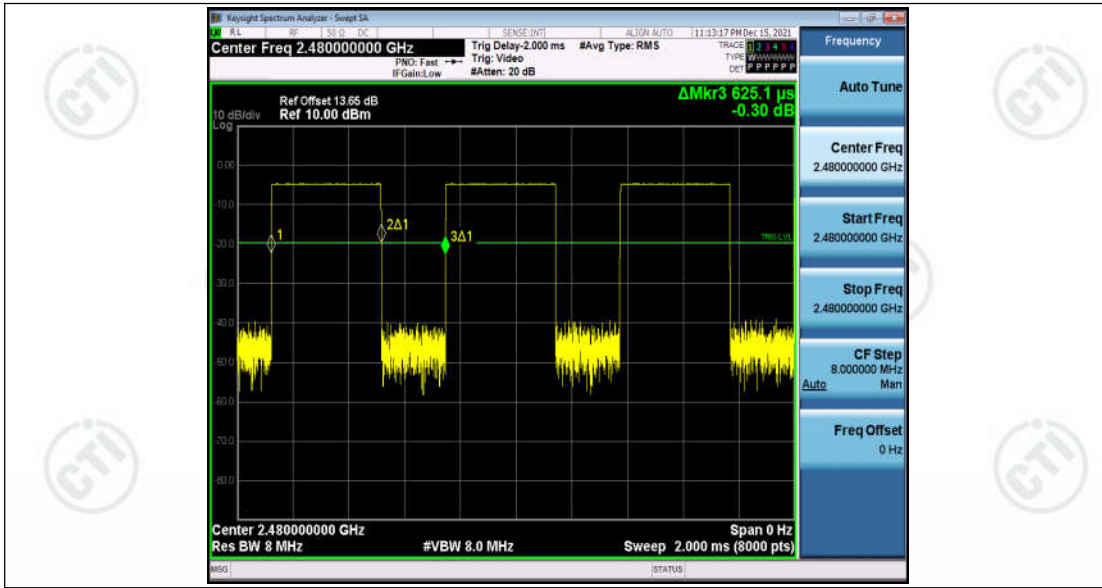
**Appendix G: Duty Cycle****Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.39	0.63	63.12	---	PASS
		2440	0.39	0.63	63.12	---	PASS
		2480	0.39	0.63	63.16	---	PASS

## Test Graphs







\*\*\*END OF REPORT\*\*\*