

Appendix: 2.4G

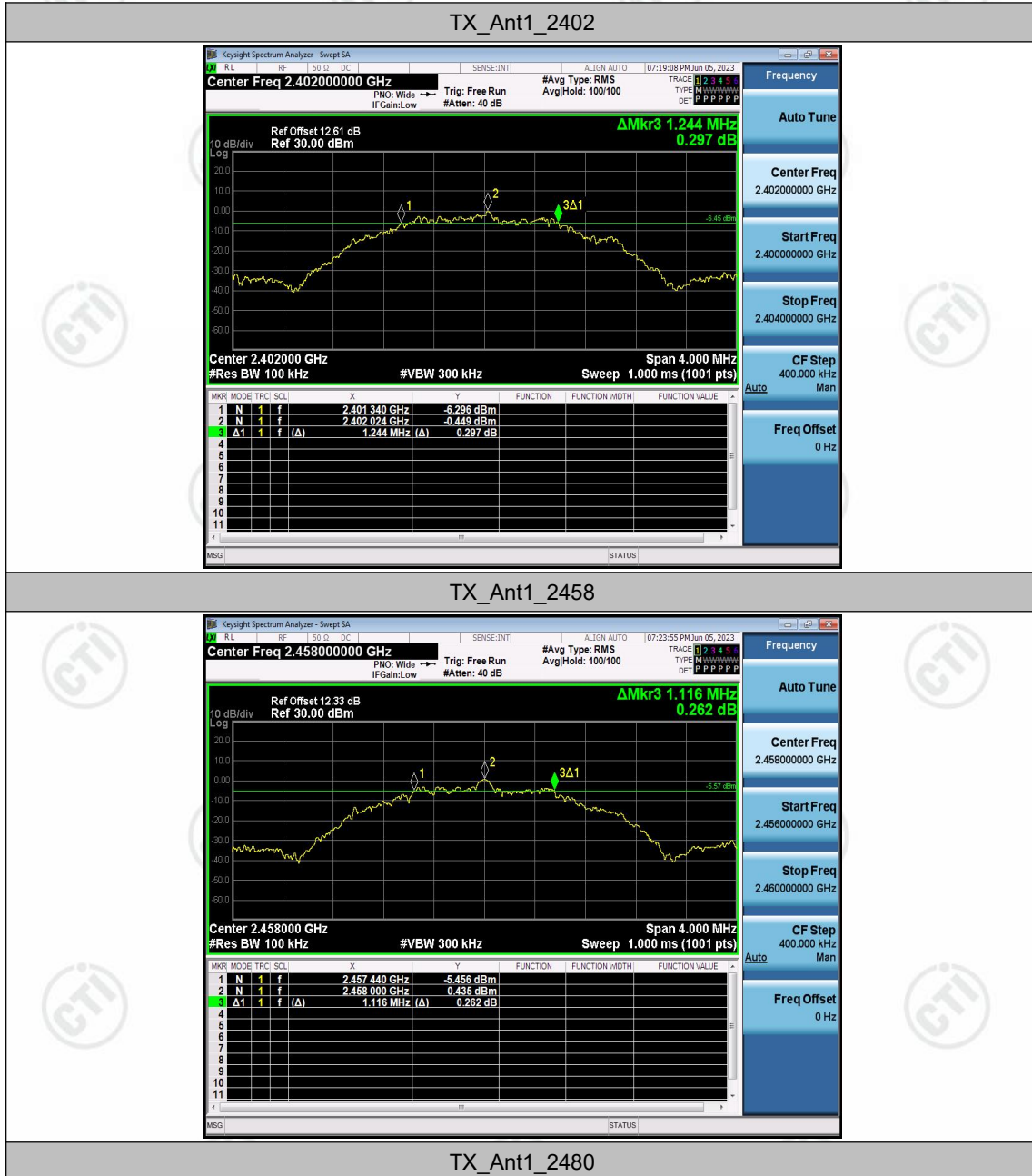
## Contents

Appendix A: DTS Bandwidth .....	3
Test Result .....	3
Test Graphs .....	4
Appendix B: Occupied Channel Bandwidth .....	6
Test Result .....	6
Test Graphs .....	7
Appendix C: Maximum conducted output power .....	9
Test Result .....	9
Test Graphs .....	10
Appendix D: Maximum power spectral density .....	12
Test Result .....	12
Test Graphs .....	13
Appendix E: Band edge measurements .....	15
Test Result .....	15
Test Graphs .....	16
Appendix F: Conducted Spurious Emission .....	17
Test Result .....	17
Test Graphs .....	18
Appendix G: Duty Cycle .....	23
Test Result .....	23
Test Graphs .....	24

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

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	1.244	2401.340	2402.584	0.5	PASS
		2458	1.116	2457.440	2458.556	0.5	PASS
		2480	1.120	2479.448	2480.568	0.5	PASS

## Test Graphs



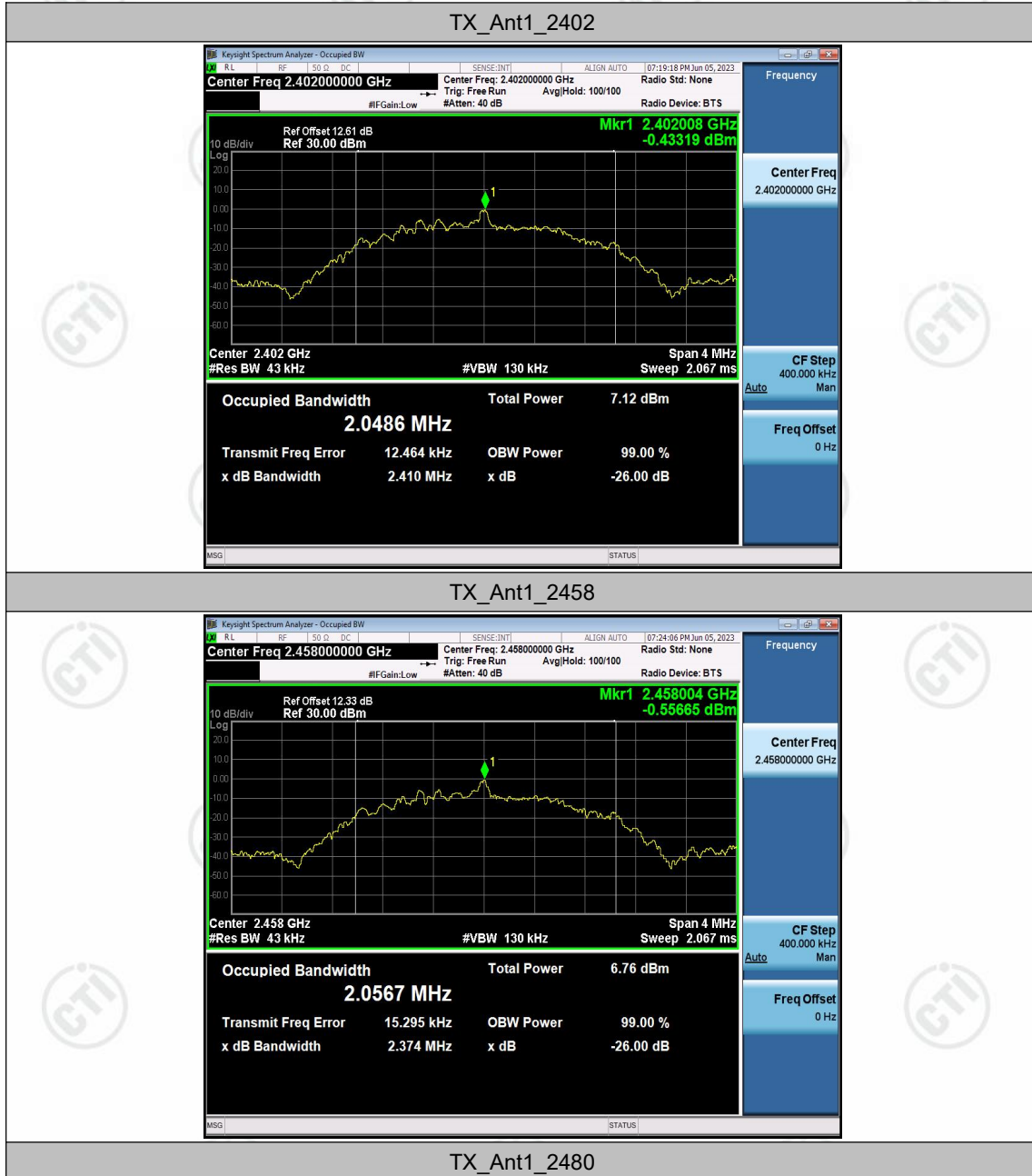


## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	2.0486	2400.9882	2403.0368	---	---
		2458	2.0567	2456.9870	2459.0437	---	---
		2480	2.0507	2478.9891	2481.0398	---	---

## Test Graphs



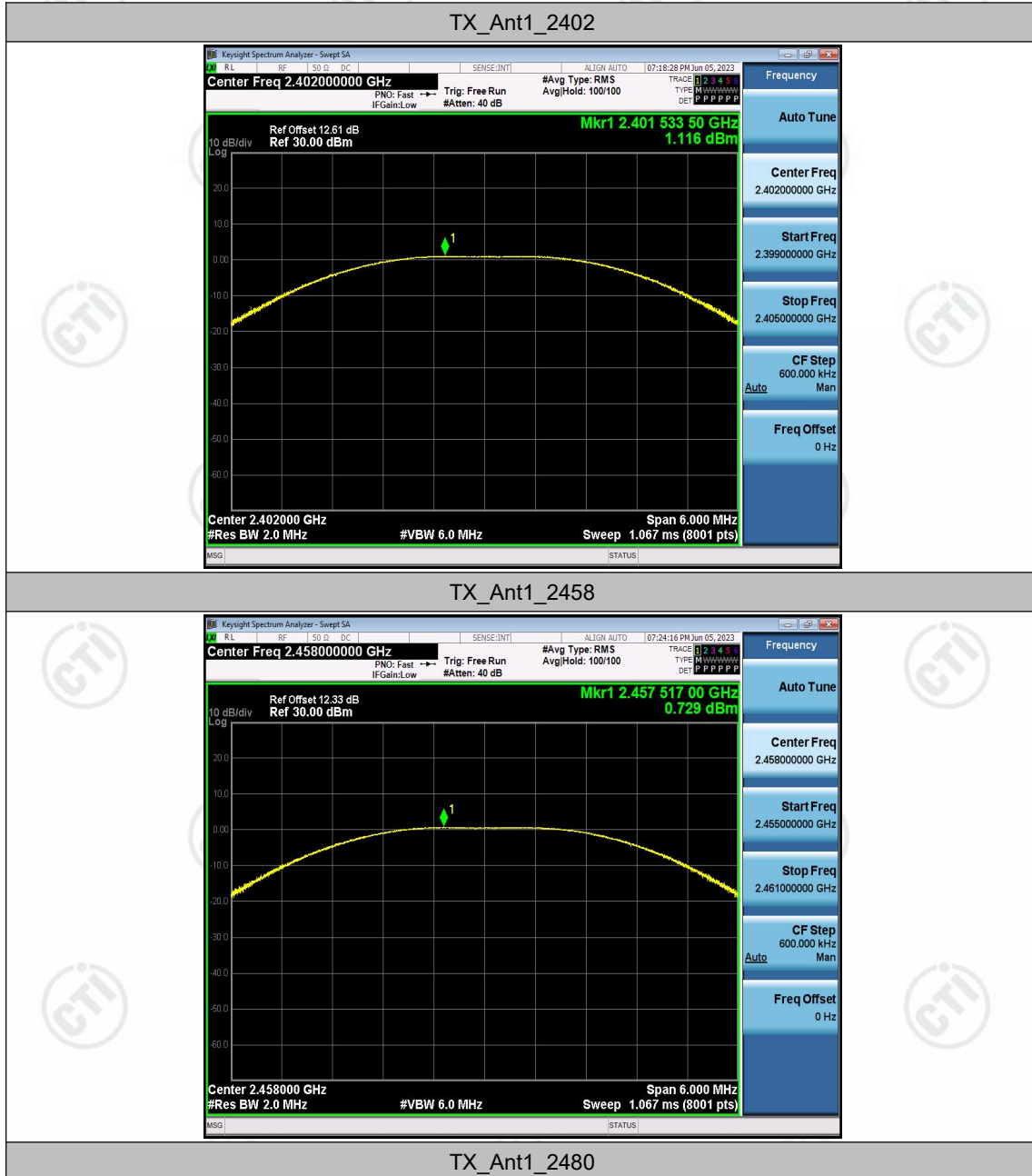


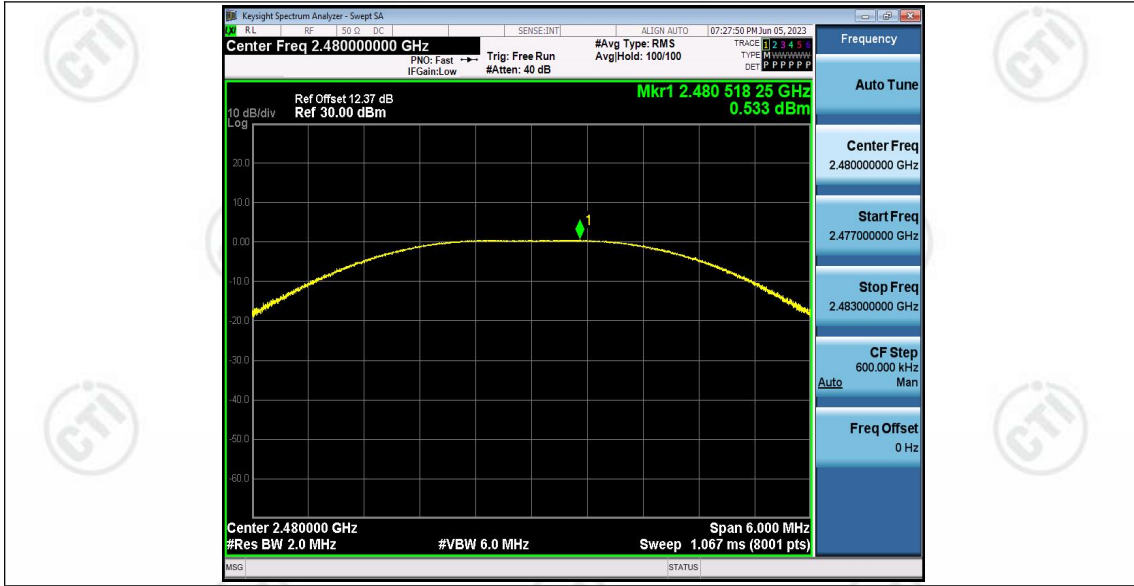


**Appendix C: Maximum conducted output power****Test Result**

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
TX	Ant1	2402	1.12	≤30	PASS
		2458	0.73	≤30	PASS
		2480	0.53	≤30	PASS

## Test Graphs

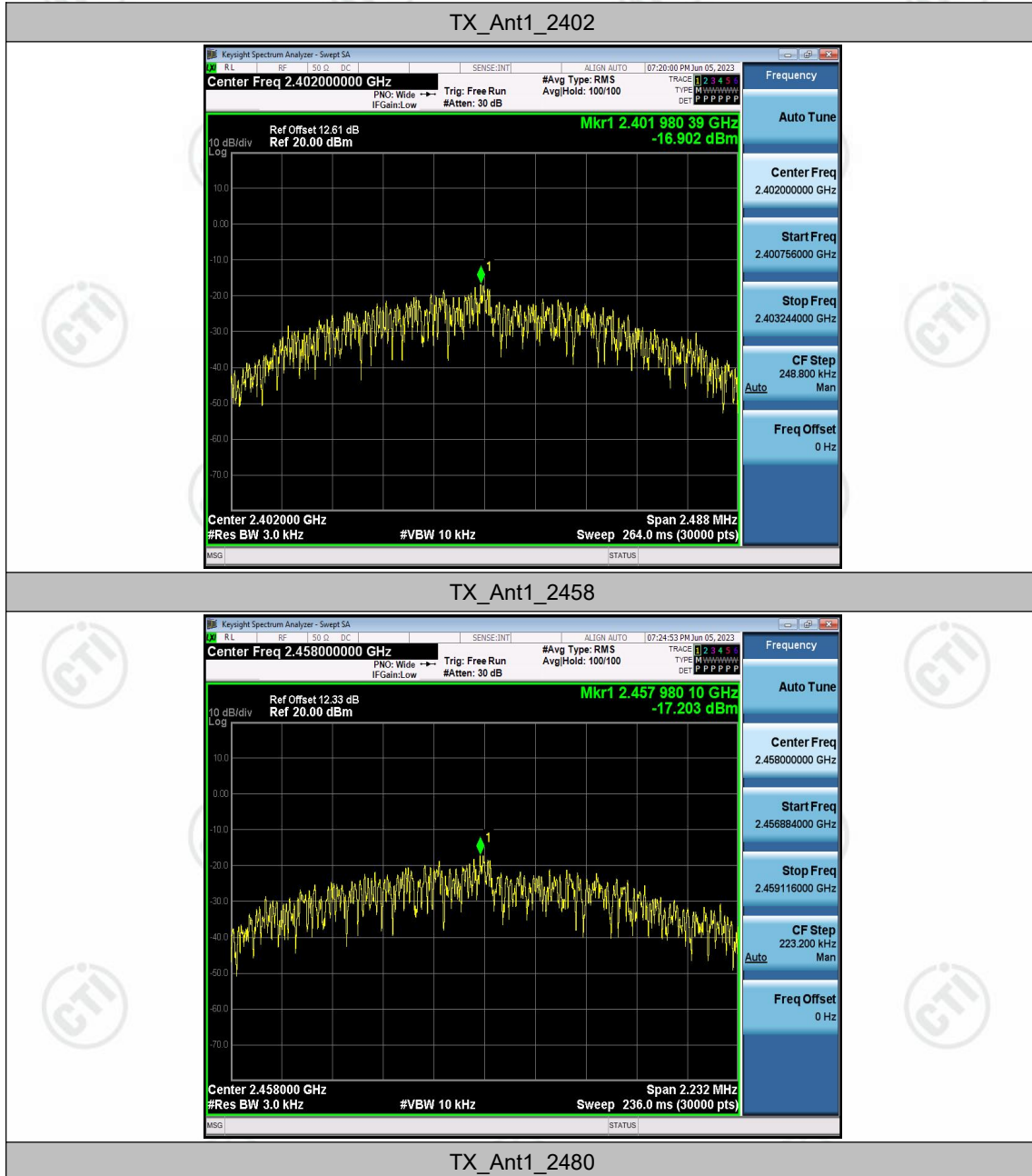




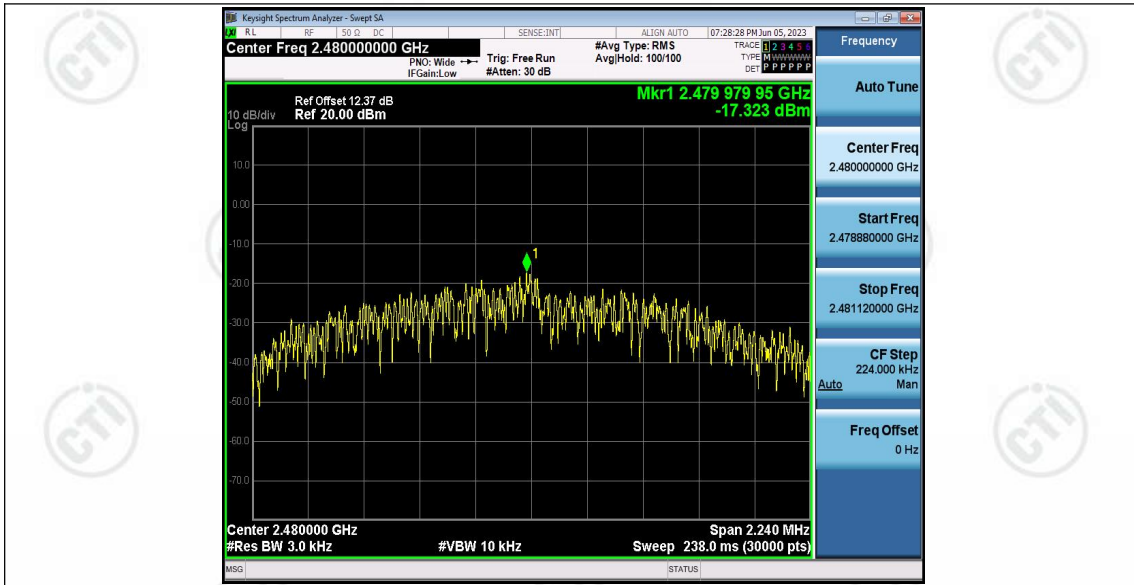
**Appendix D: Maximum power spectral density****Test Result**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
TX	Ant1	2402	-16.9	≤8.00	PASS
		2458	-17.2	≤8.00	PASS
		2480	-17.32	≤8.00	PASS

## Test Graphs



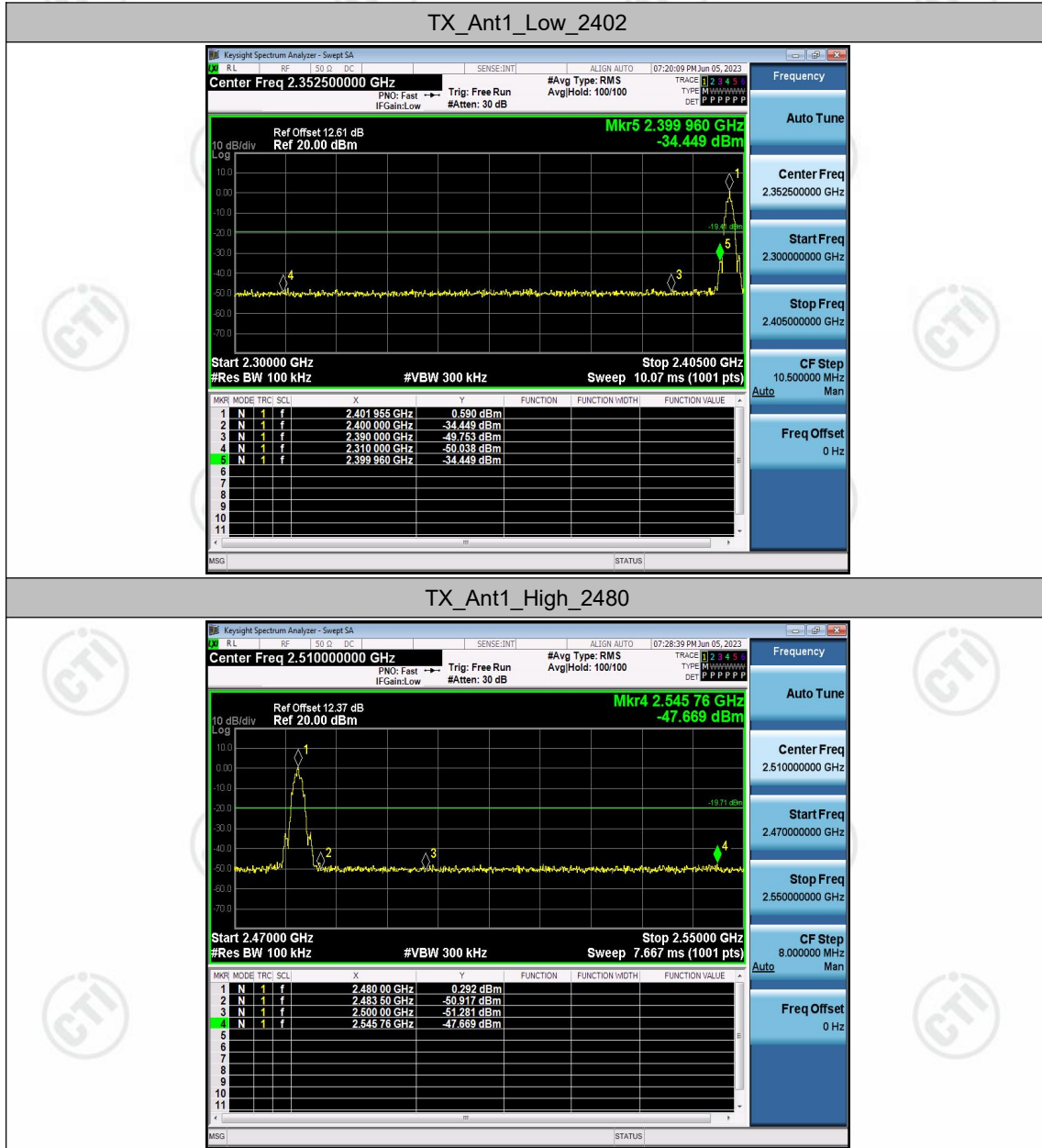
TX\_Ant1\_2480



**Appendix E: Band edge measurements****Test Result**

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	Low	2402	0.59	-34.45	≤-19.41	PASS
		High	2480	0.29	-47.67	≤-19.71	PASS

## Test Graphs



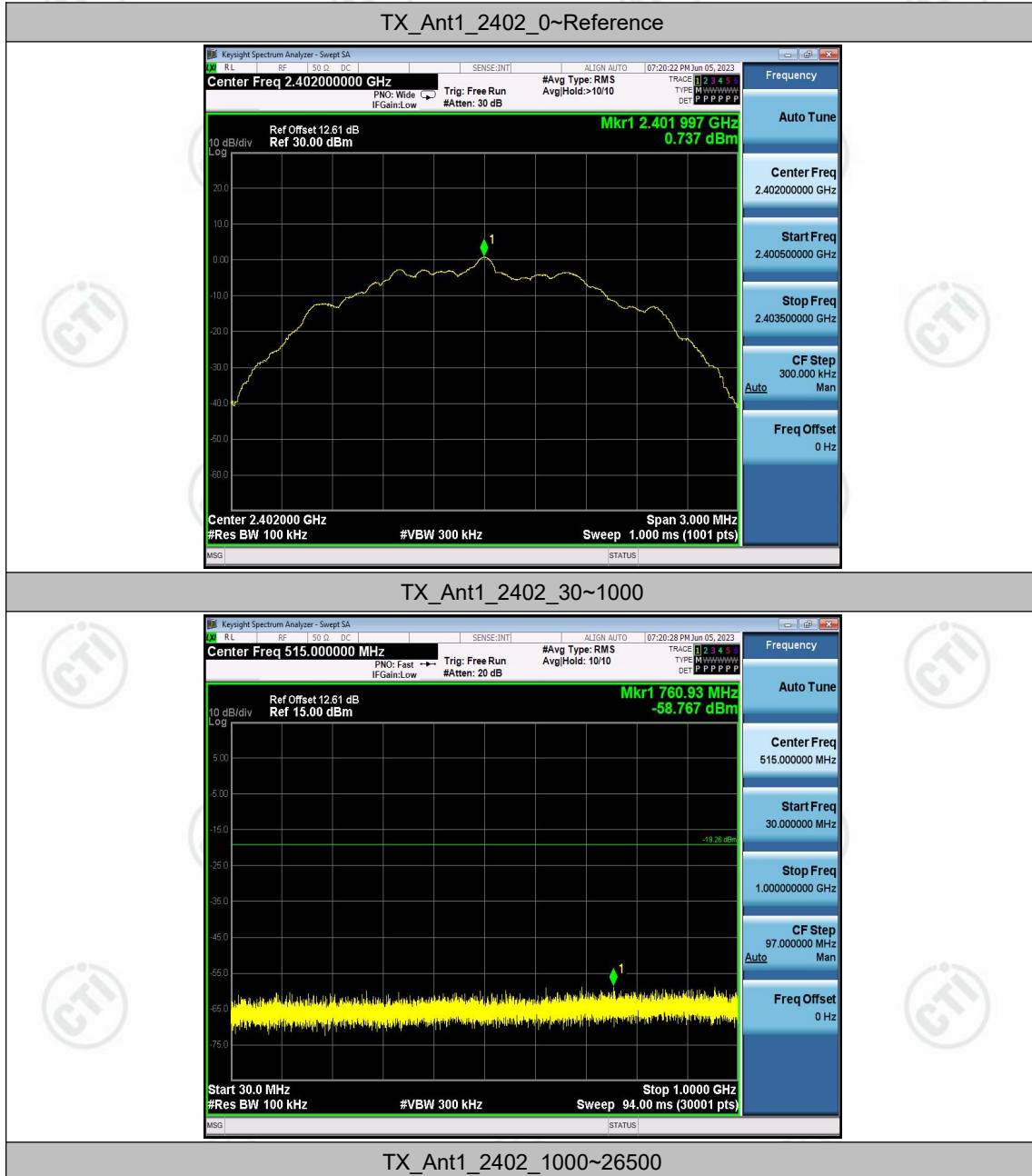


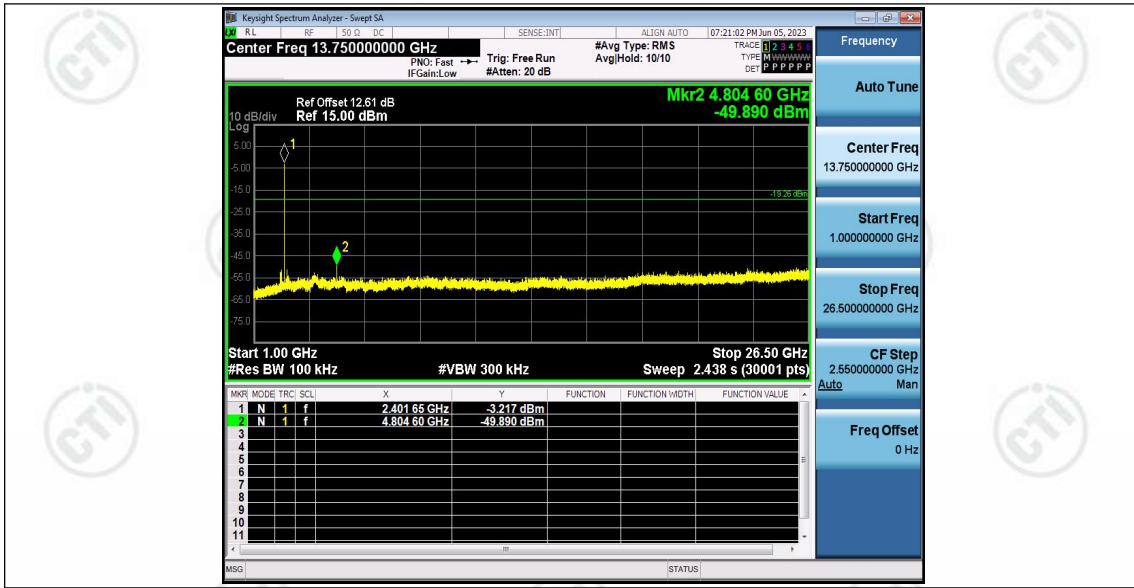
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
TX	Ant1	2402	Reference	0.74	0.74	---	PASS
			30~1000	0.74	-58.77	≤-19.26	PASS
			1000~26500	0.74	-49.89	≤-19.26	PASS
		2458	Reference	0.42	0.42	---	PASS
			30~1000	0.42	-59.12	≤-19.58	PASS
			1000~26500	0.42	-48.25	≤-19.58	PASS
		2480	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-58.87	≤-19.86	PASS
			1000~26500	0.14	-51.21	≤-19.86	PASS

## Test Graphs

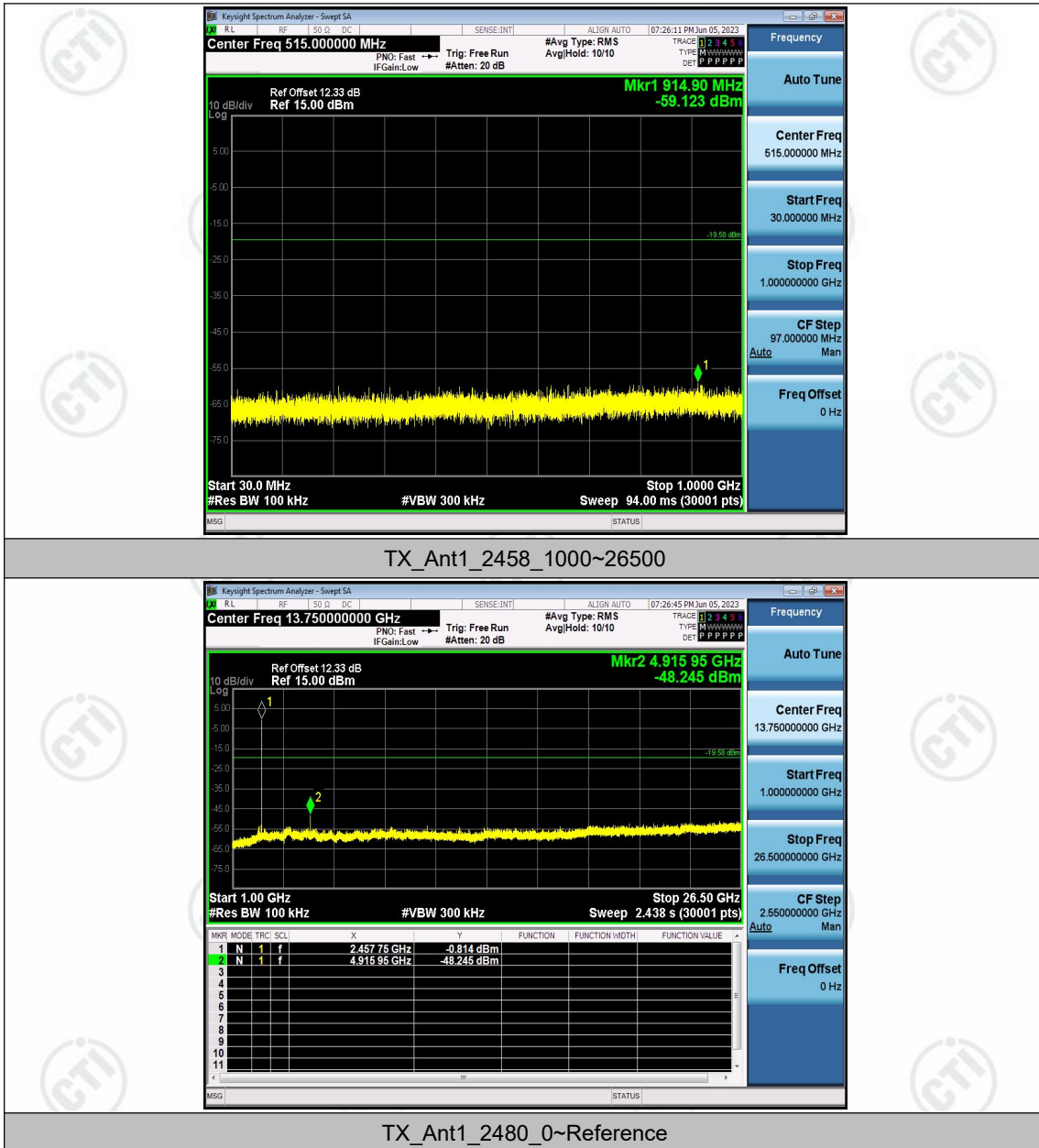


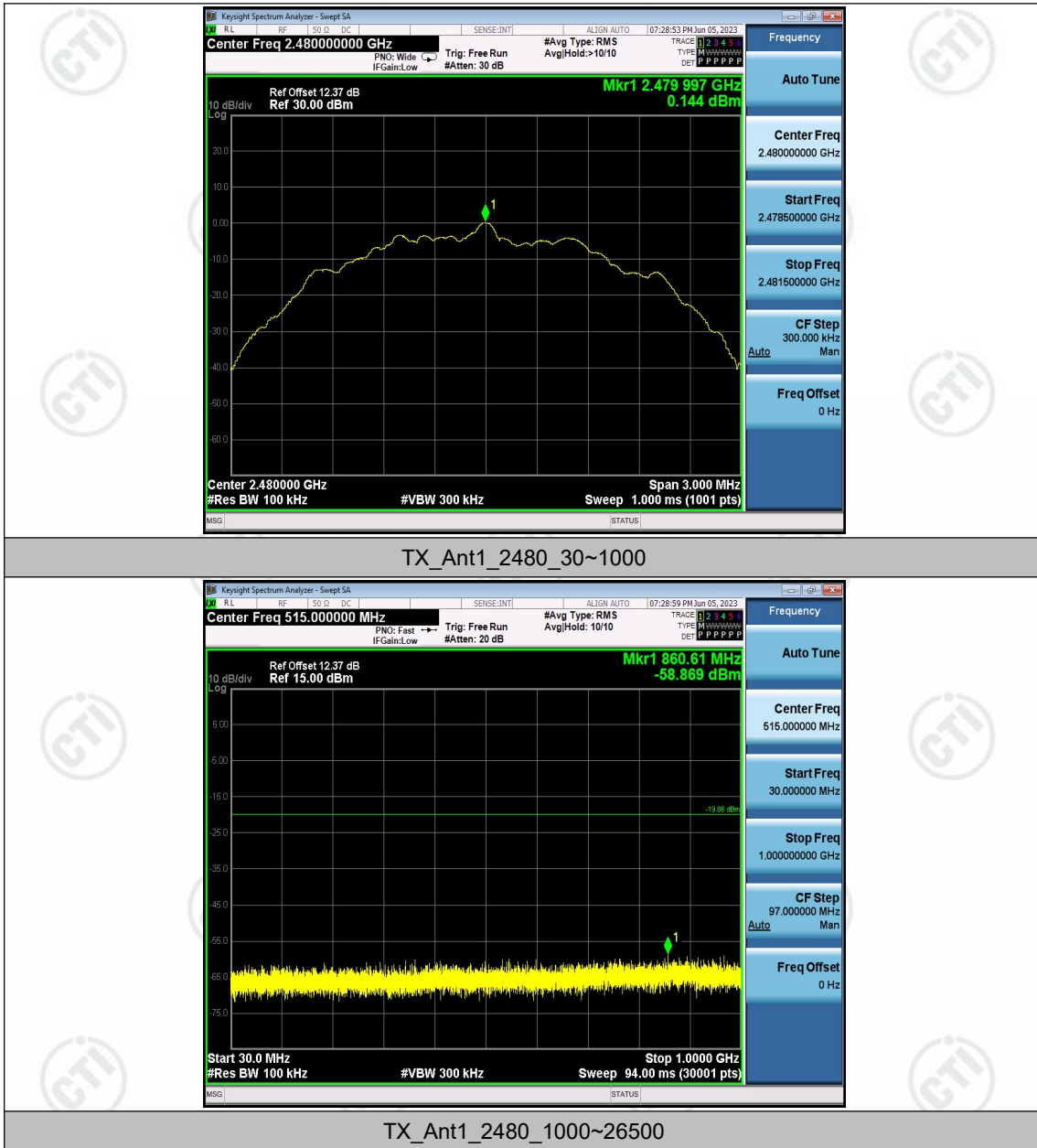


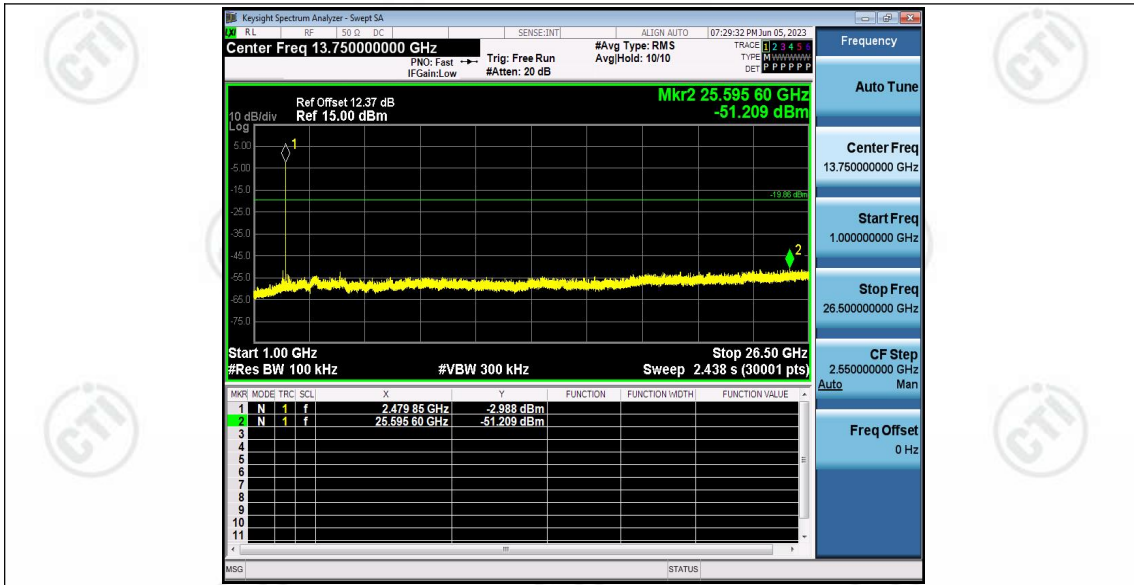
TX\_Ant1\_2458\_0~Reference



TX\_Ant1\_2458\_30~1000



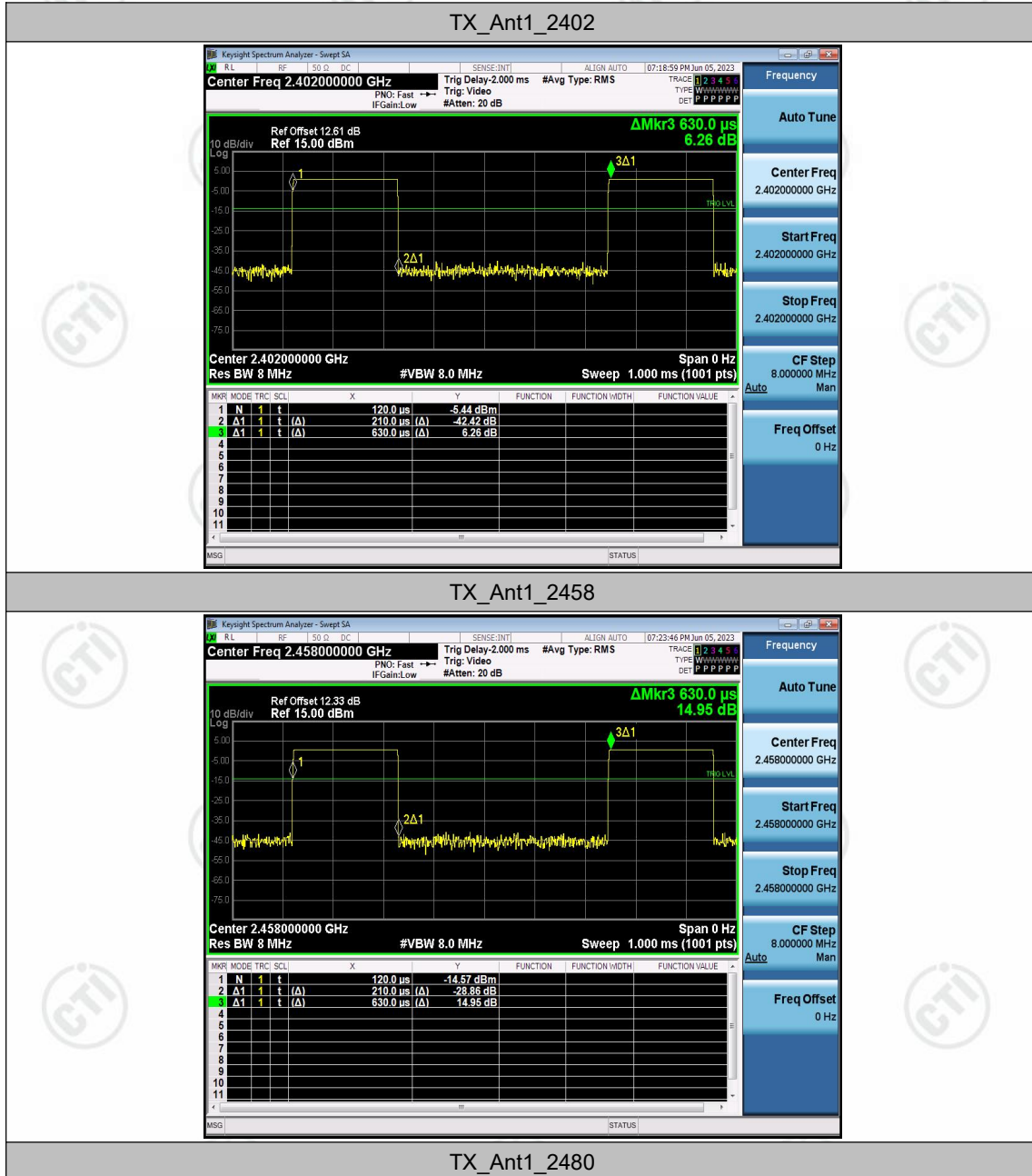




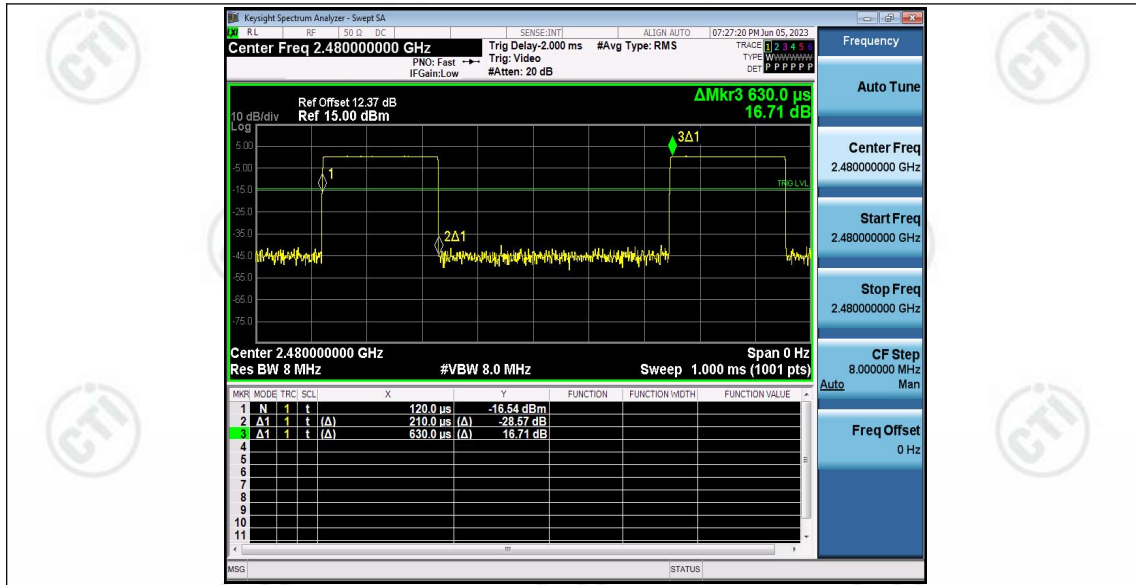
**Appendix G: Duty Cycle****Test Result**

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
TX	Ant1	2402	0.21	0.63	33.33	4.77
		2458	0.21	0.63	33.33	4.77
		2480	0.21	0.63	33.33	4.77

## Test Graphs







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