

## Appendix: Bluetooth Classic

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**Appendix A: 20dBEmission Bandwidth****Test Result**

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.017	2401.559	2402.576	---	PASS
		2441	0.957	2440.622	2441.579	---	PASS
		2480	1.005	2479.571	2480.576	---	PASS
2DH5	Ant1	2402	1.287	2401.457	2402.744	---	PASS
		2441	1.341	2440.418	2441.759	---	PASS
		2480	1.281	2479.460	2480.741	---	PASS

## Test Graphs







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

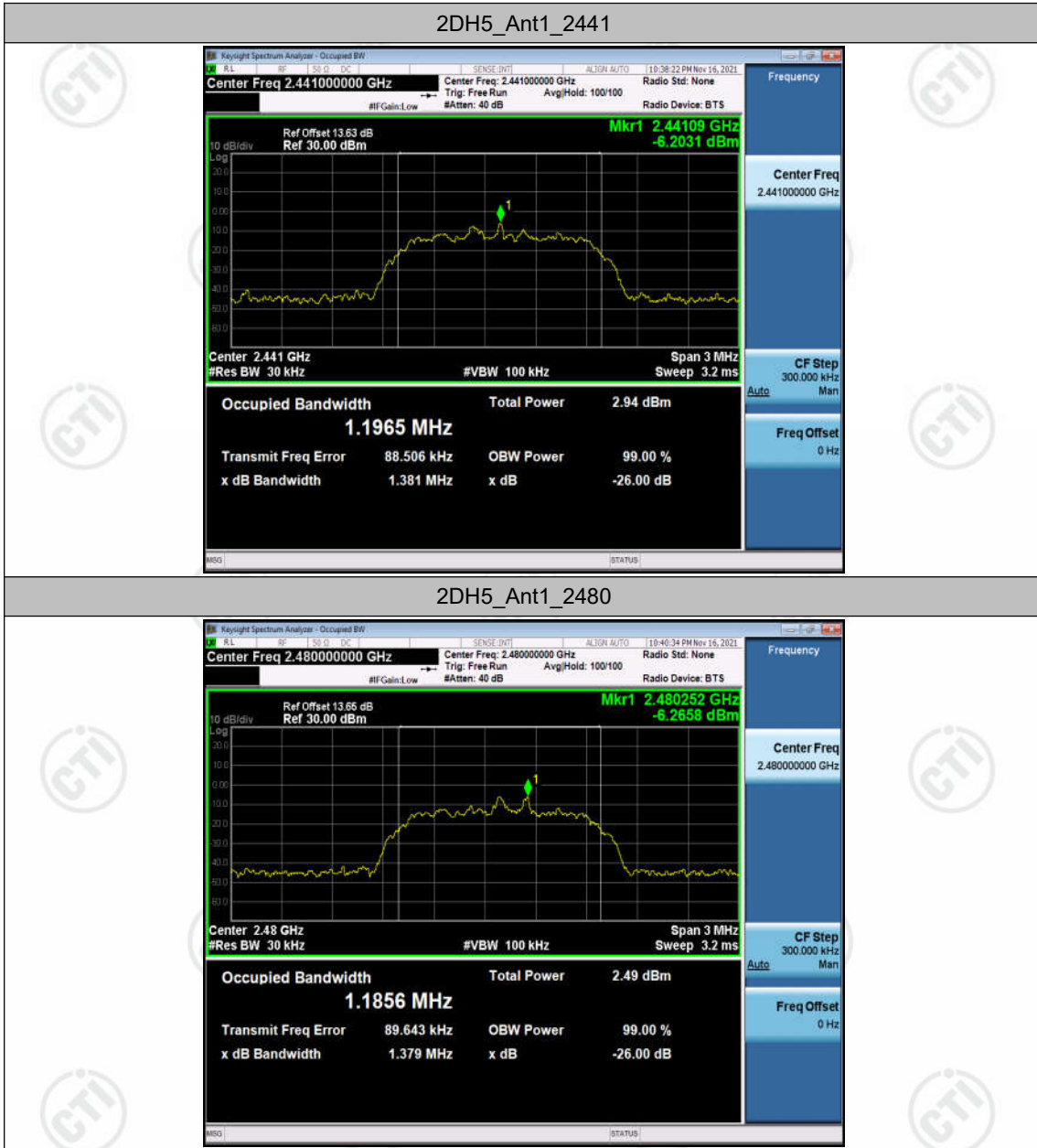
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87071	2401.648	2402.519	---	PASS
		2441	0.87089	2440.654	2441.525	---	PASS
		2480	0.87257	2479.655	2480.527	---	PASS
2DH5	Ant1	2402	1.1843	2401.495	2402.679	---	PASS
		2441	1.1965	2440.490	2441.687	---	PASS
		2480	1.1856	2479.497	2480.682	---	PASS

## Test Graphs





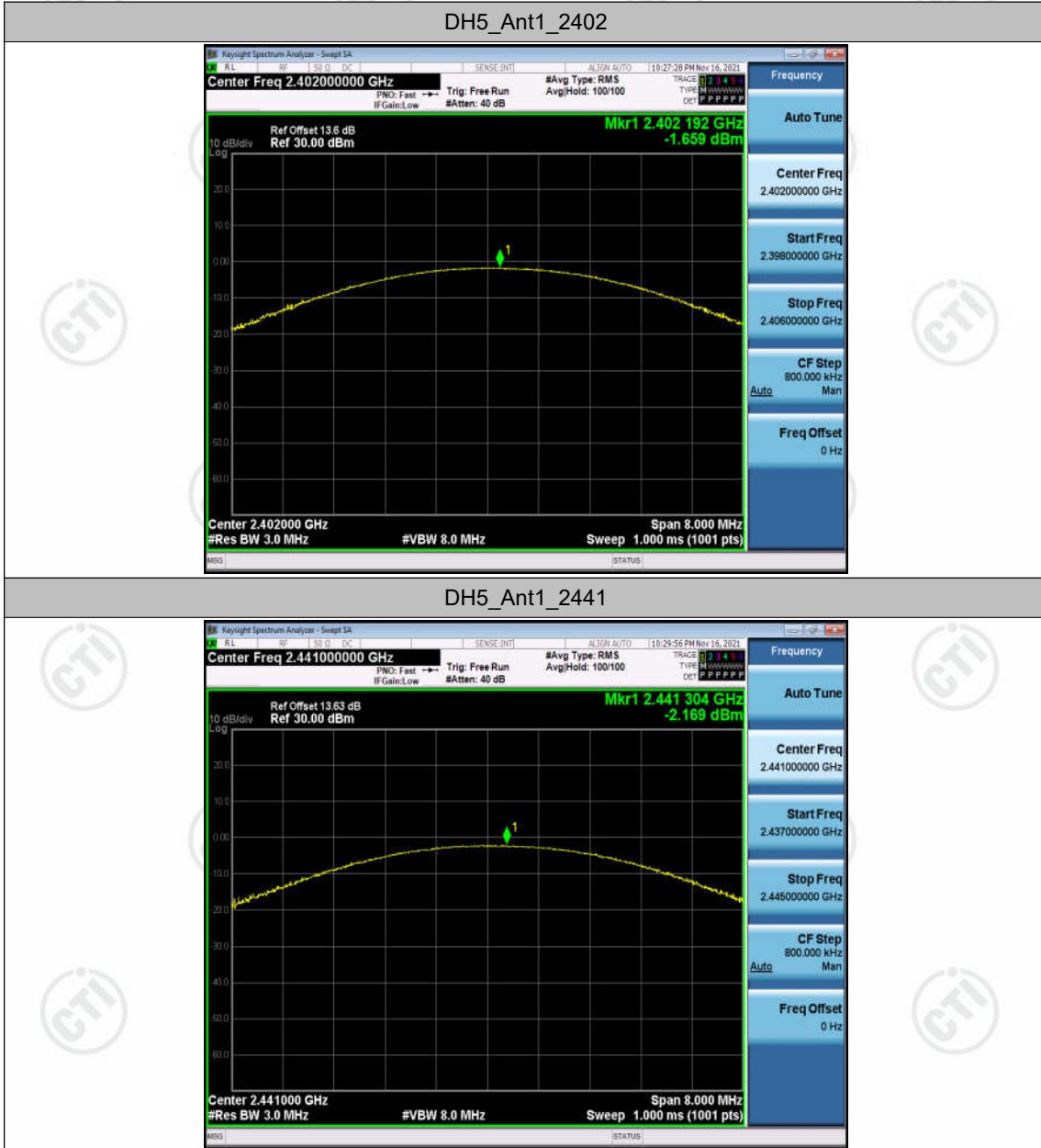


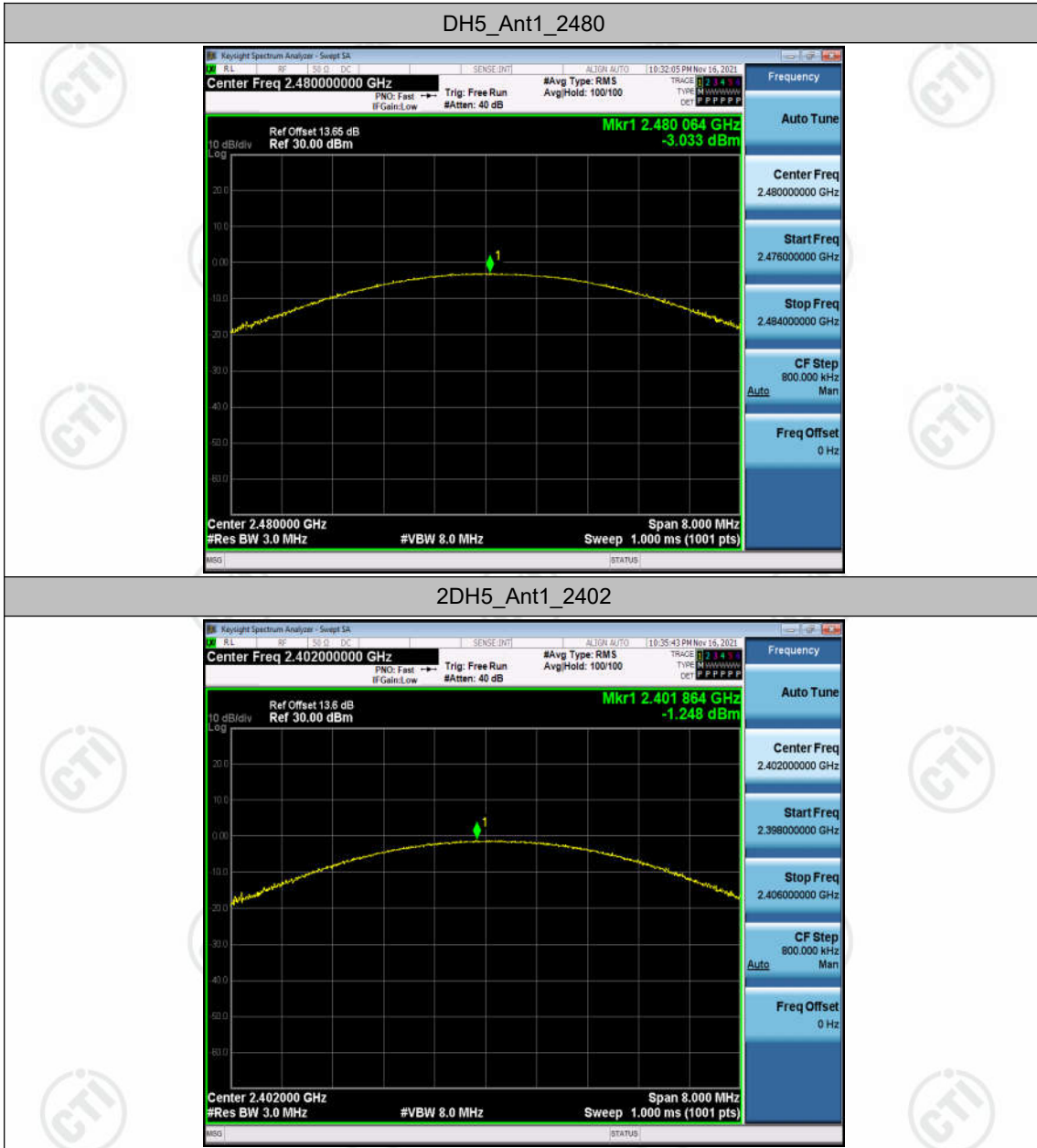


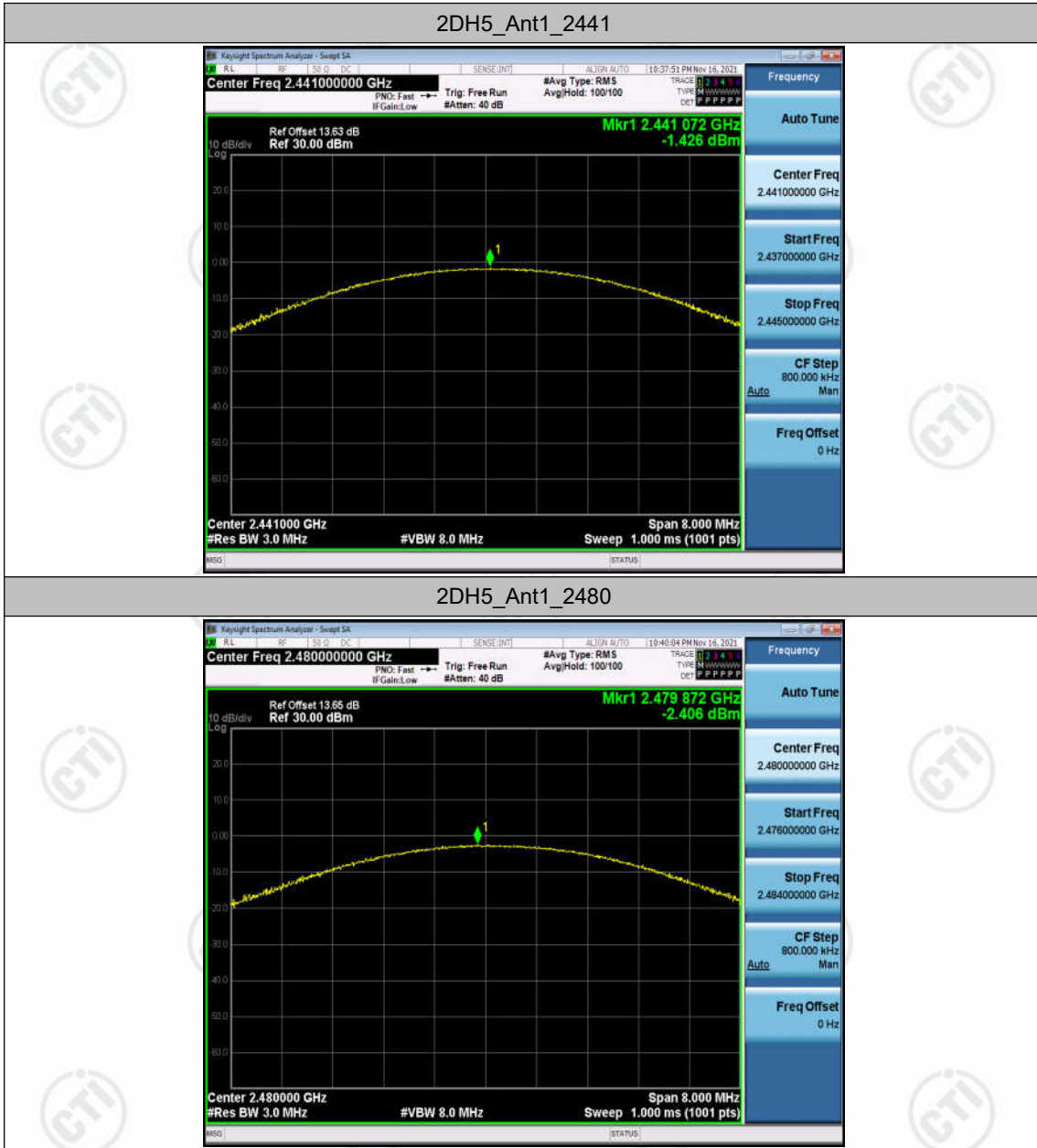
**Appendix C: Maximum conducted output power****Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.66	<=30	PASS
		2441	-2.17	<=20.97	PASS
		2480	-3.03	<=20.97	PASS
2DH5	Ant1	2402	-1.25	<=30	PASS
		2441	-1.43	<=20.97	PASS
		2480	-2.41	<=20.97	PASS

## Test Graphs





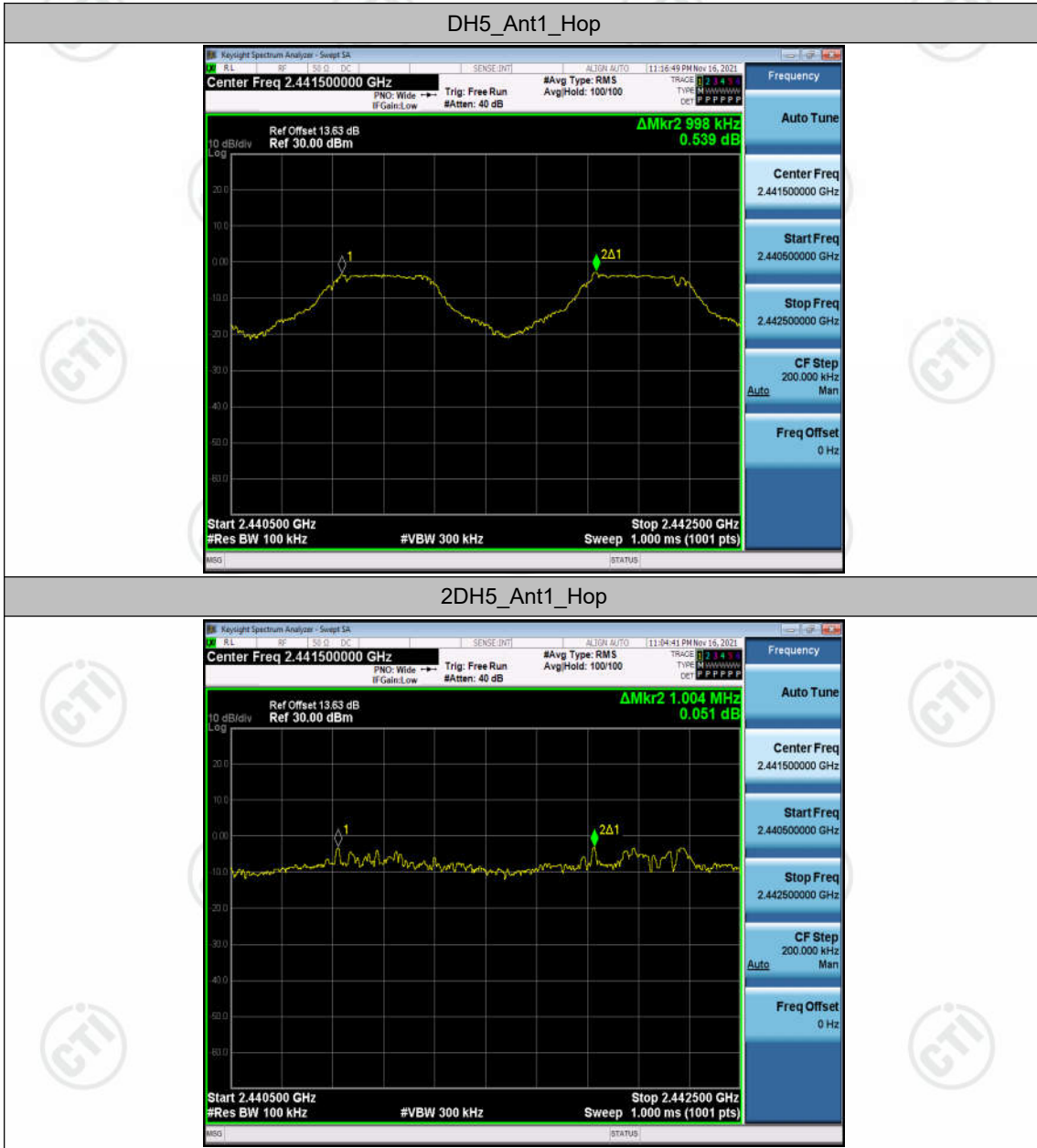


## Appendix D: Carrier frequency separation

### Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	$\geq 0.678$	PASS
2DH5	Ant1	Hop	1.004	$\geq 0.894$	PASS

## Test Graphs

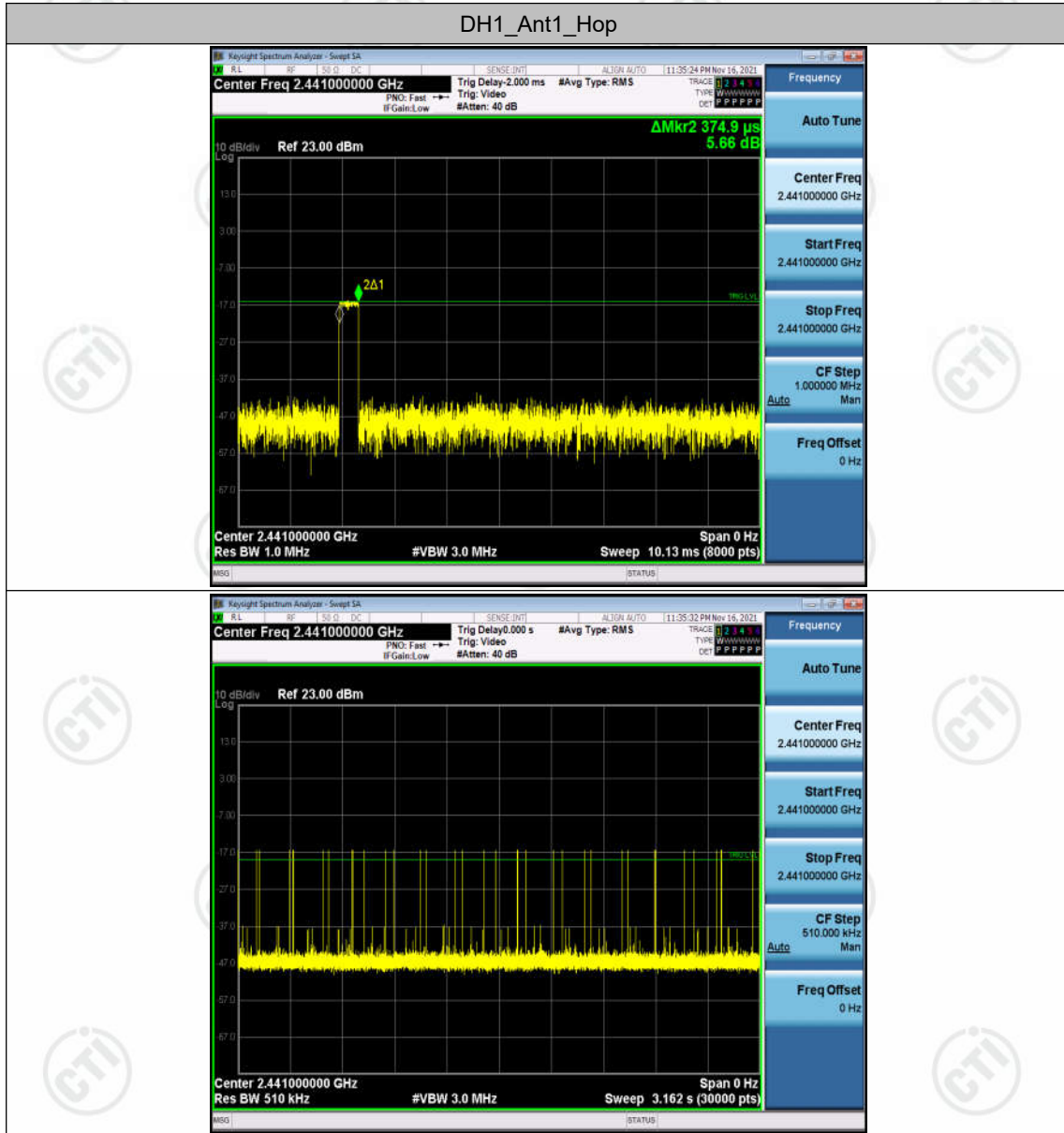


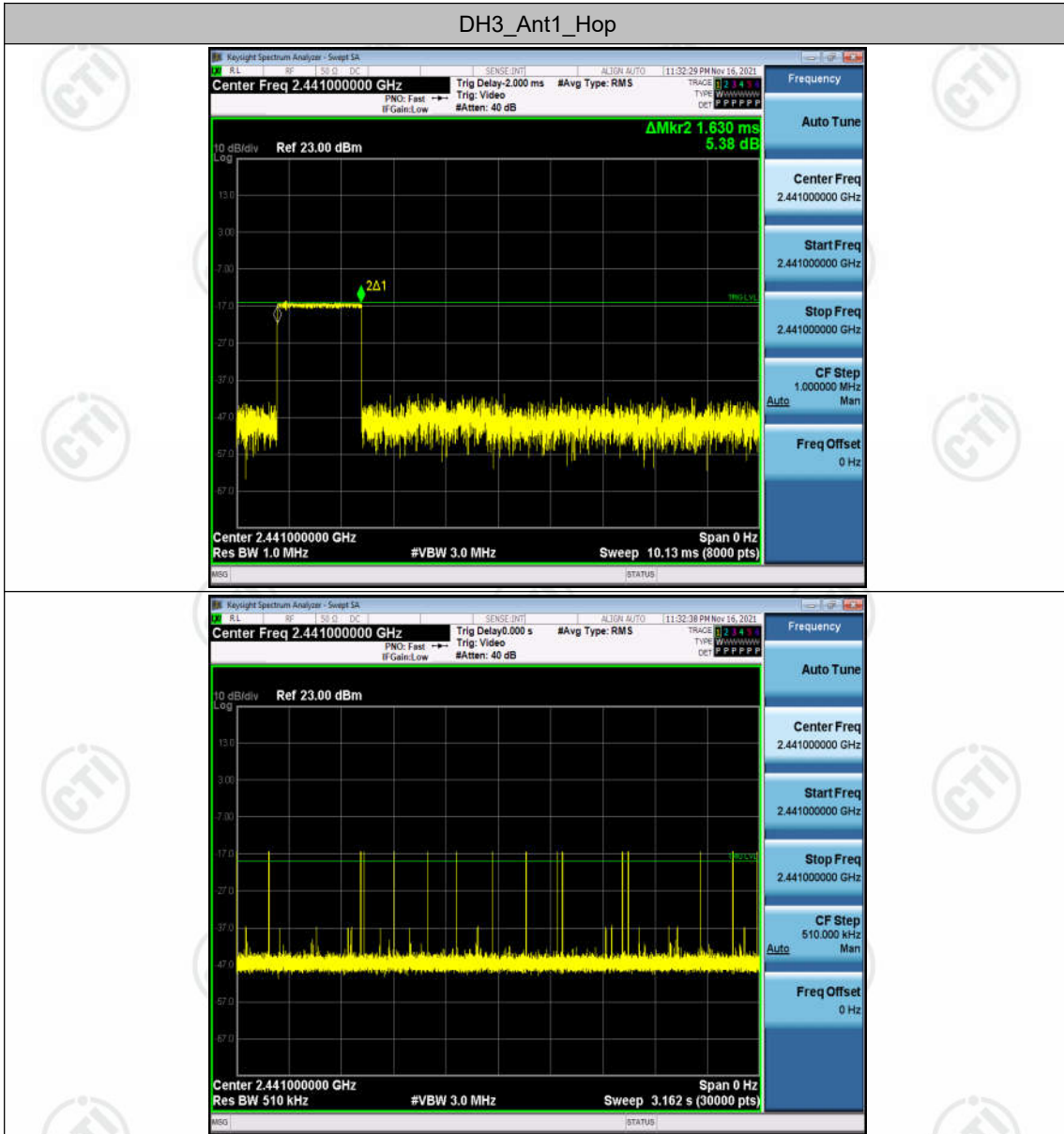


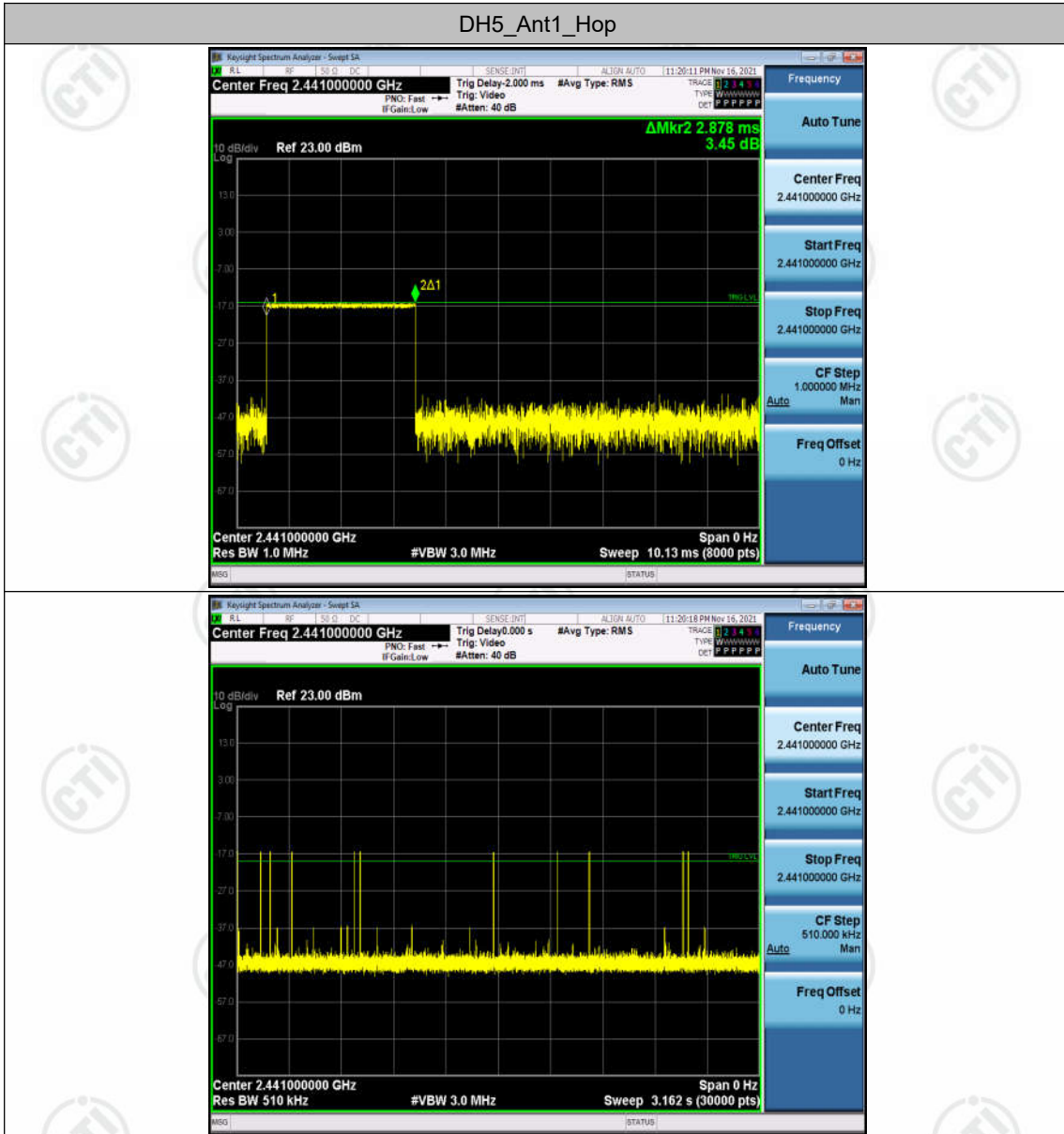
**Appendix E: Time of occupancy****Test Result**

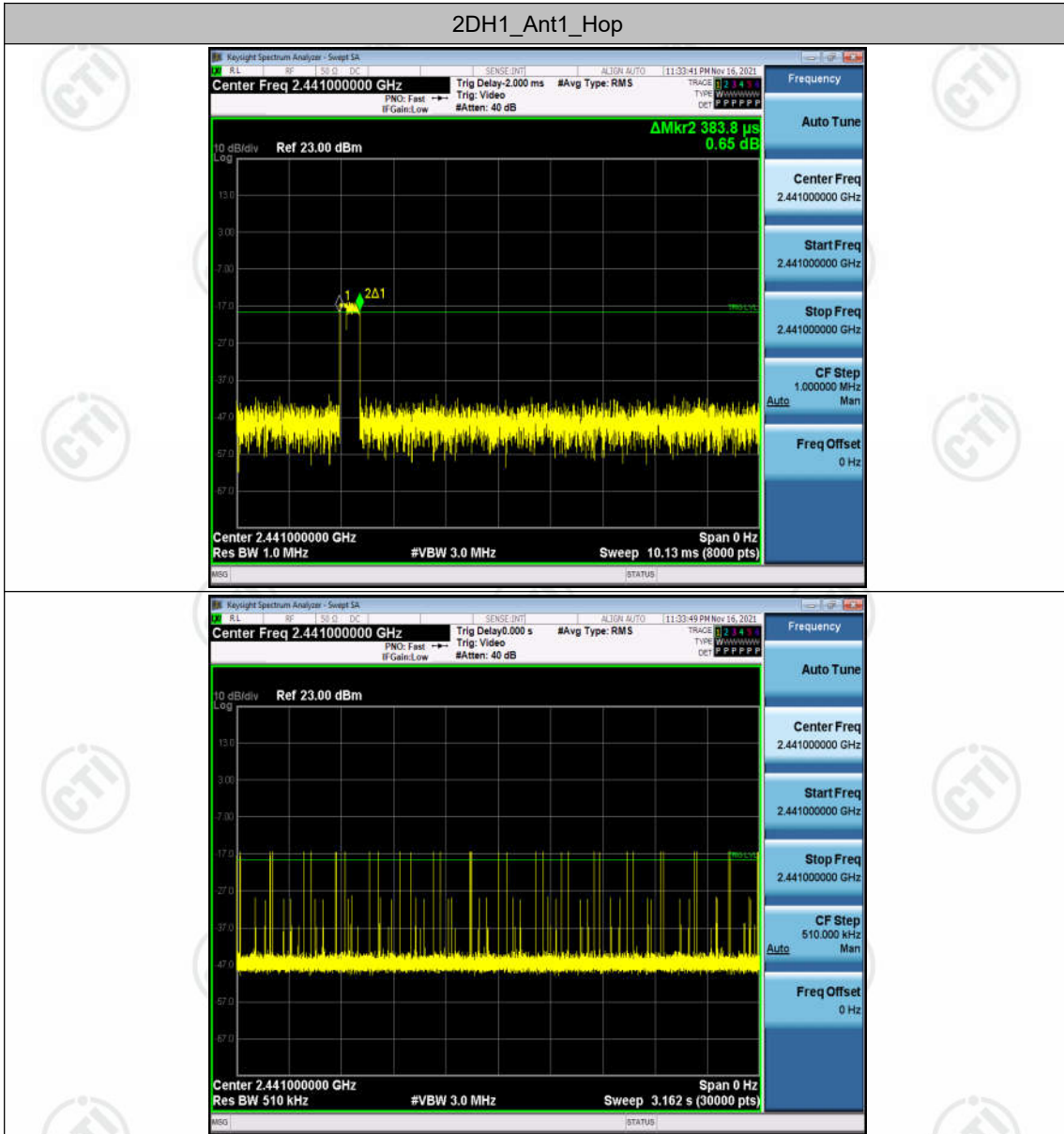
Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	330	0.124	<=0.4	PASS
DH3	Ant1	Hop	1.63	160	0.261	<=0.4	PASS
DH5	Ant1	Hop	2.88	110	0.317	<=0.4	PASS
2DH1	Ant1	Hop	0.38	330	0.127	<=0.4	PASS
2DH3	Ant1	Hop	1.64	160	0.262	<=0.4	PASS
2DH5	Ant1	Hop	2.88	110	0.317	<=0.4	PASS

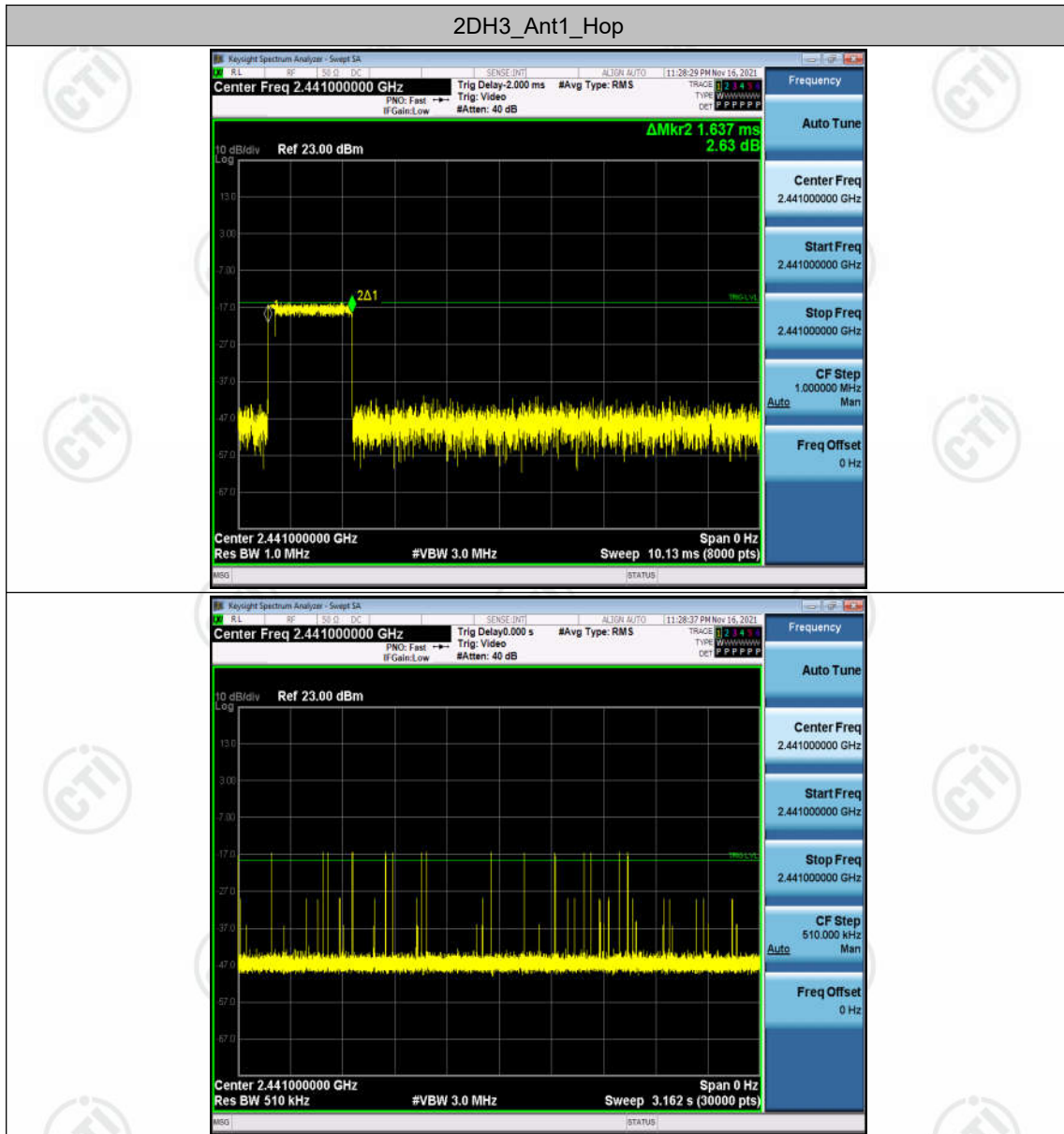
## Test Graphs

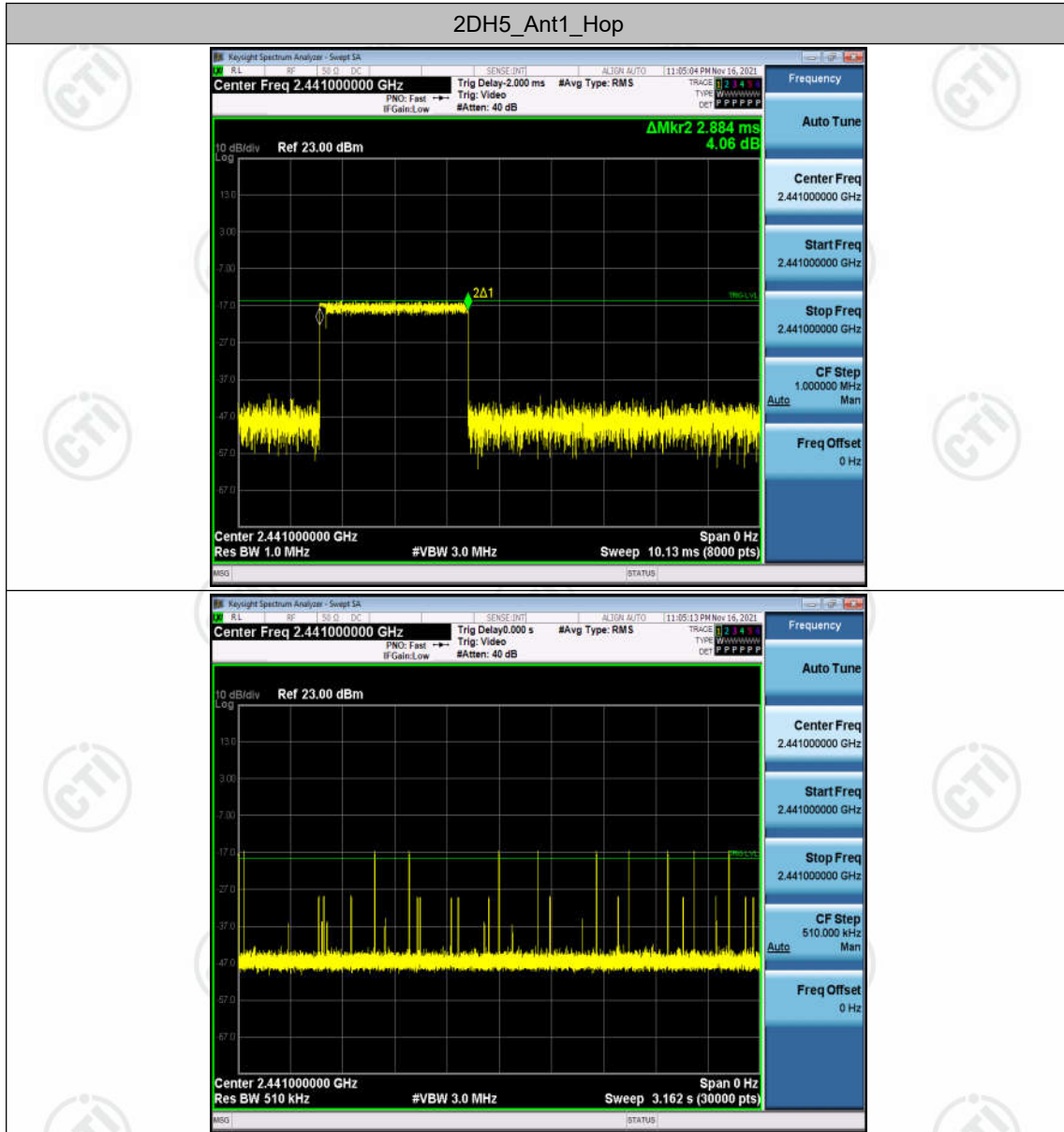










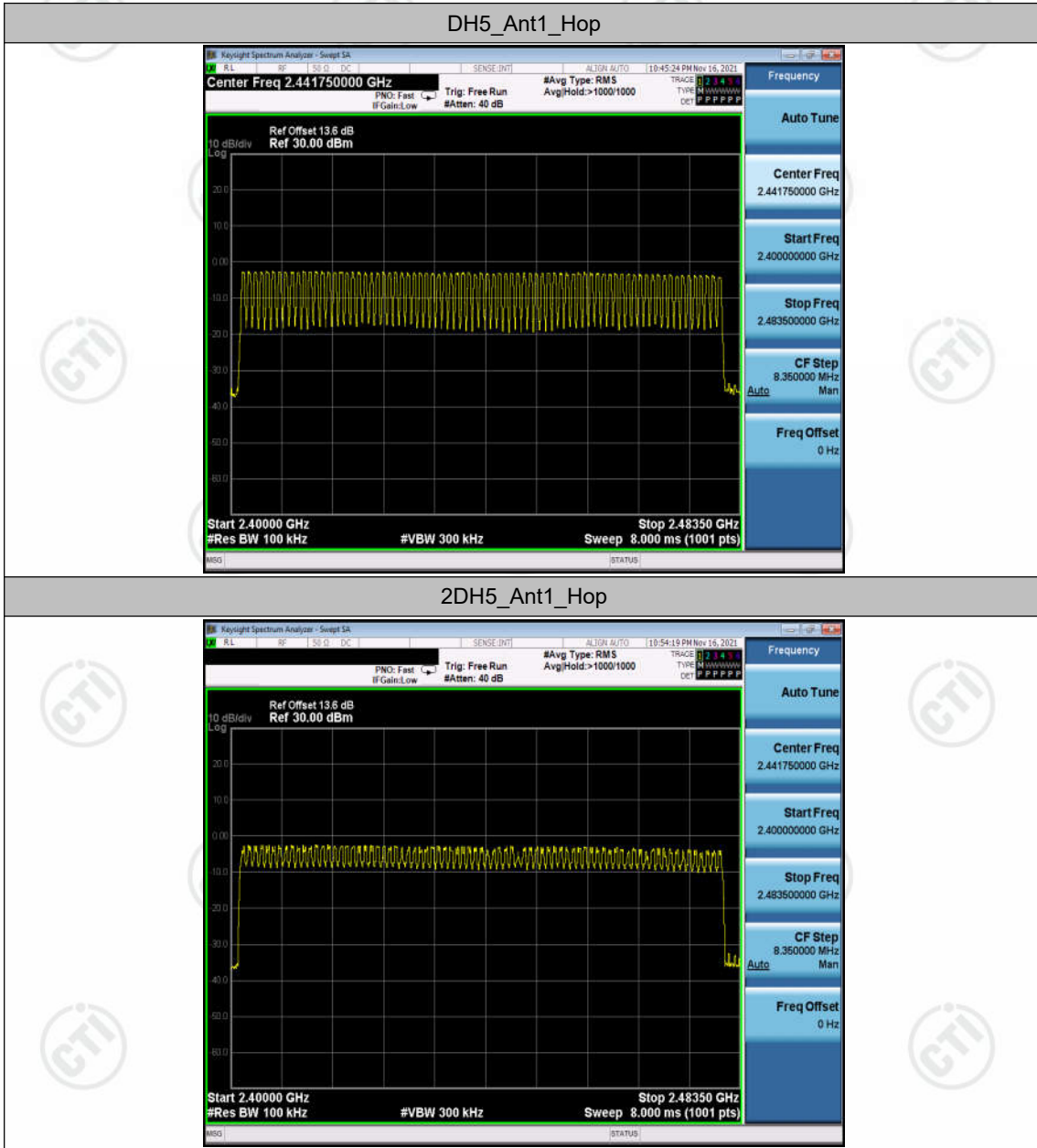


**Appendix F: Number of hopping channels****Test Result**

Test Mode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	$\geq 15$	PASS
2DH5	Ant1	Hop	79	$\geq 15$	PASS



## Test Graphs

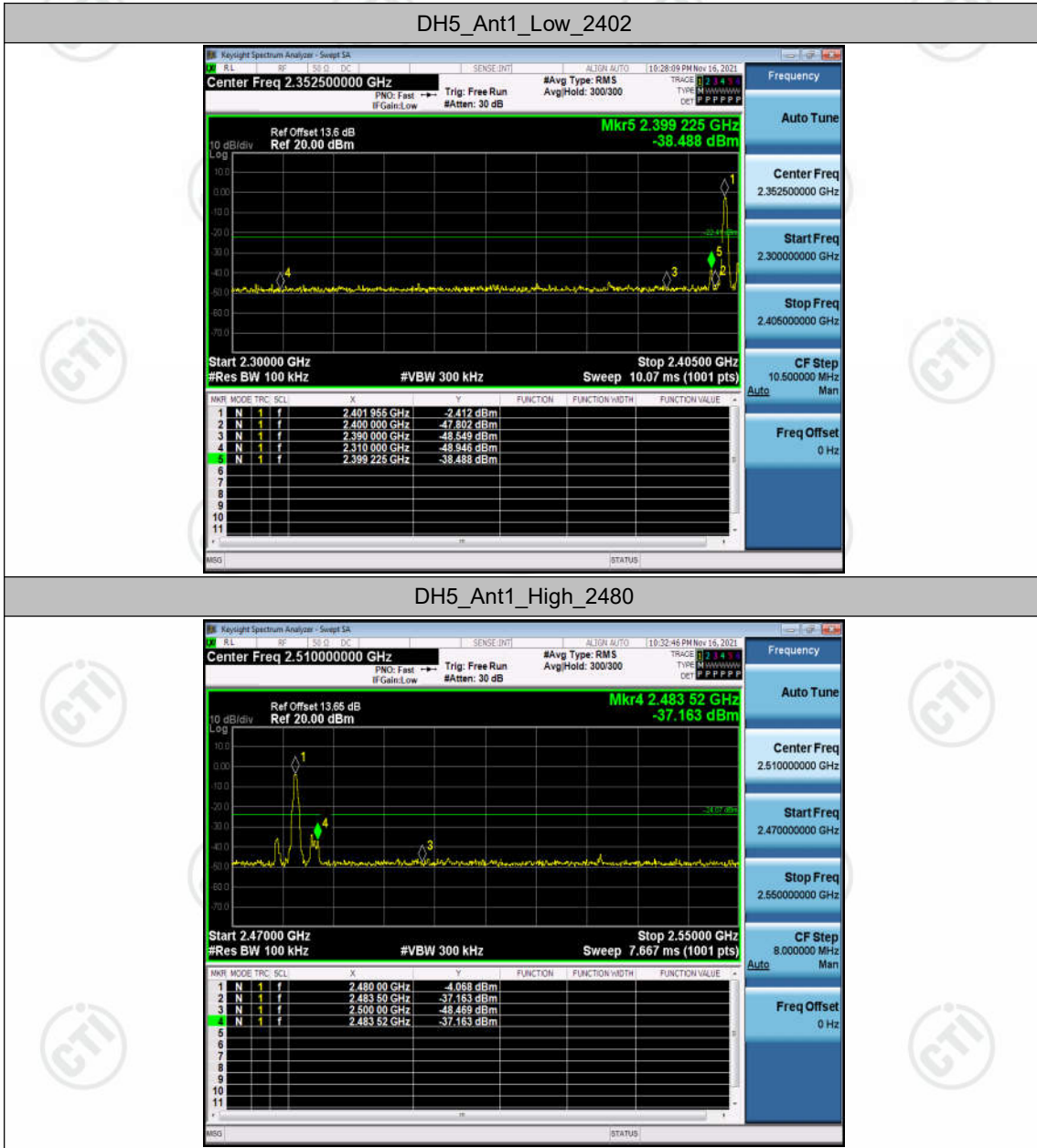


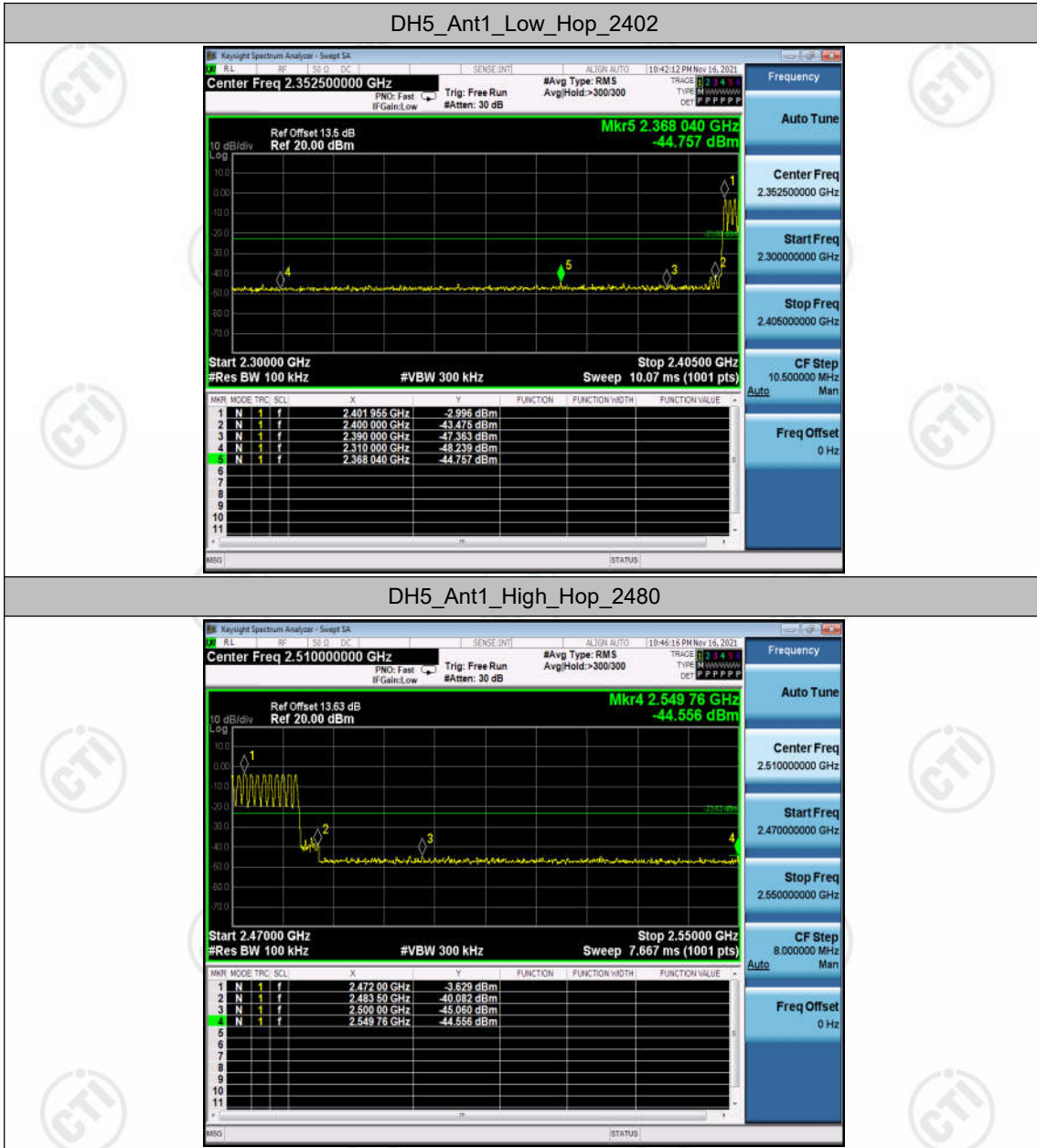
## Appendix G: Band edge measurements

### Test Result

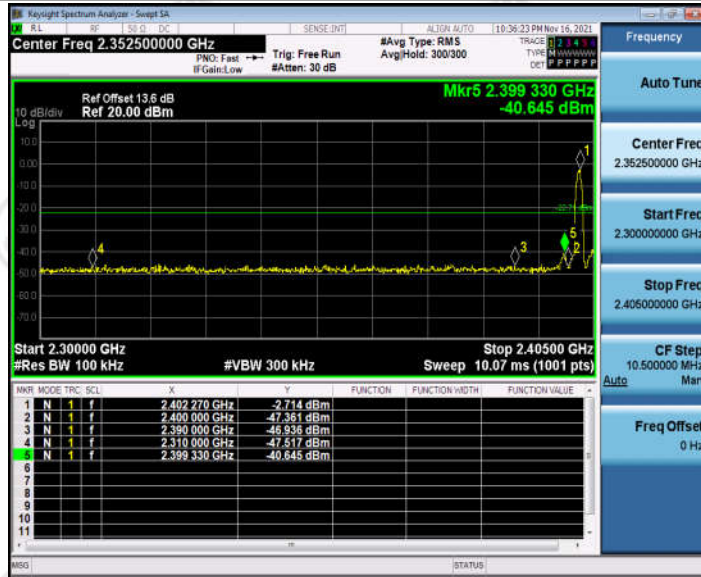
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.41	-38.49	<=-22.41	PASS
		High	2480	-4.07	-37.16	<=-24.07	PASS
		Low	Hop_2402	-3.00	-44.76	<=-23	PASS
		High	Hop_2480	-3.63	-44.56	<=-23.63	PASS
2DH5	Ant1	Low	2402	-2.71	-40.65	<=-22.71	PASS
		High	2480	-4.07	-37.6	<=-24.07	PASS
		Low	Hop_2402	-2.83	-44.96	<=-22.83	PASS
		High	Hop_2480	-5.84	-49.1	<=-25.84	PASS

## Test Graphs

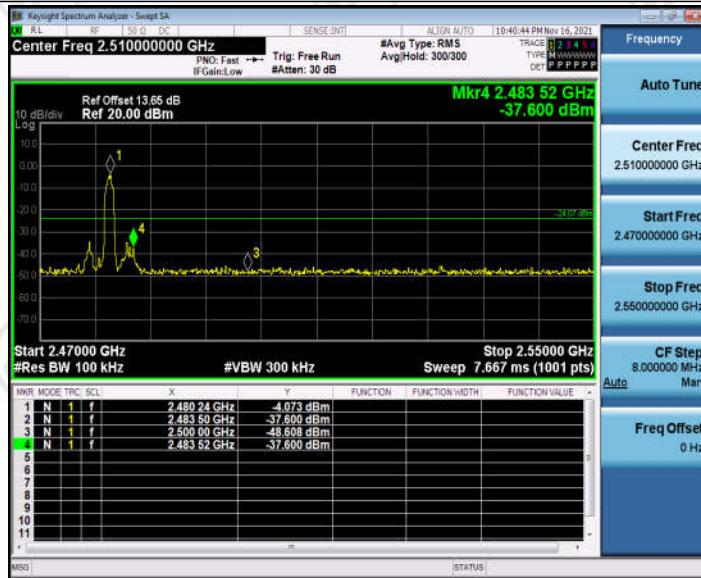


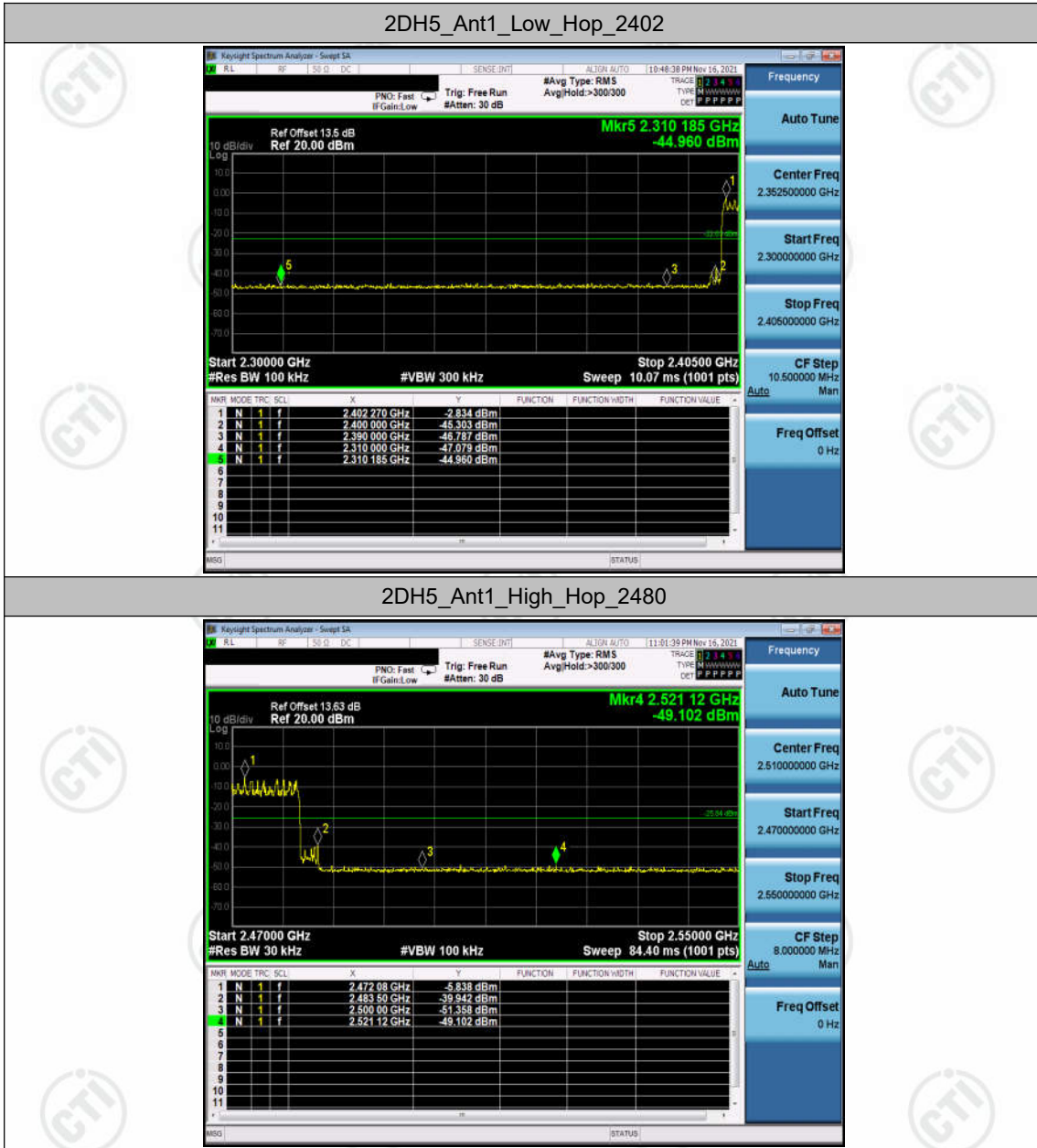


## 2DH5\_Ant1\_Low\_2402



## 2DH5\_Ant1\_High\_2480



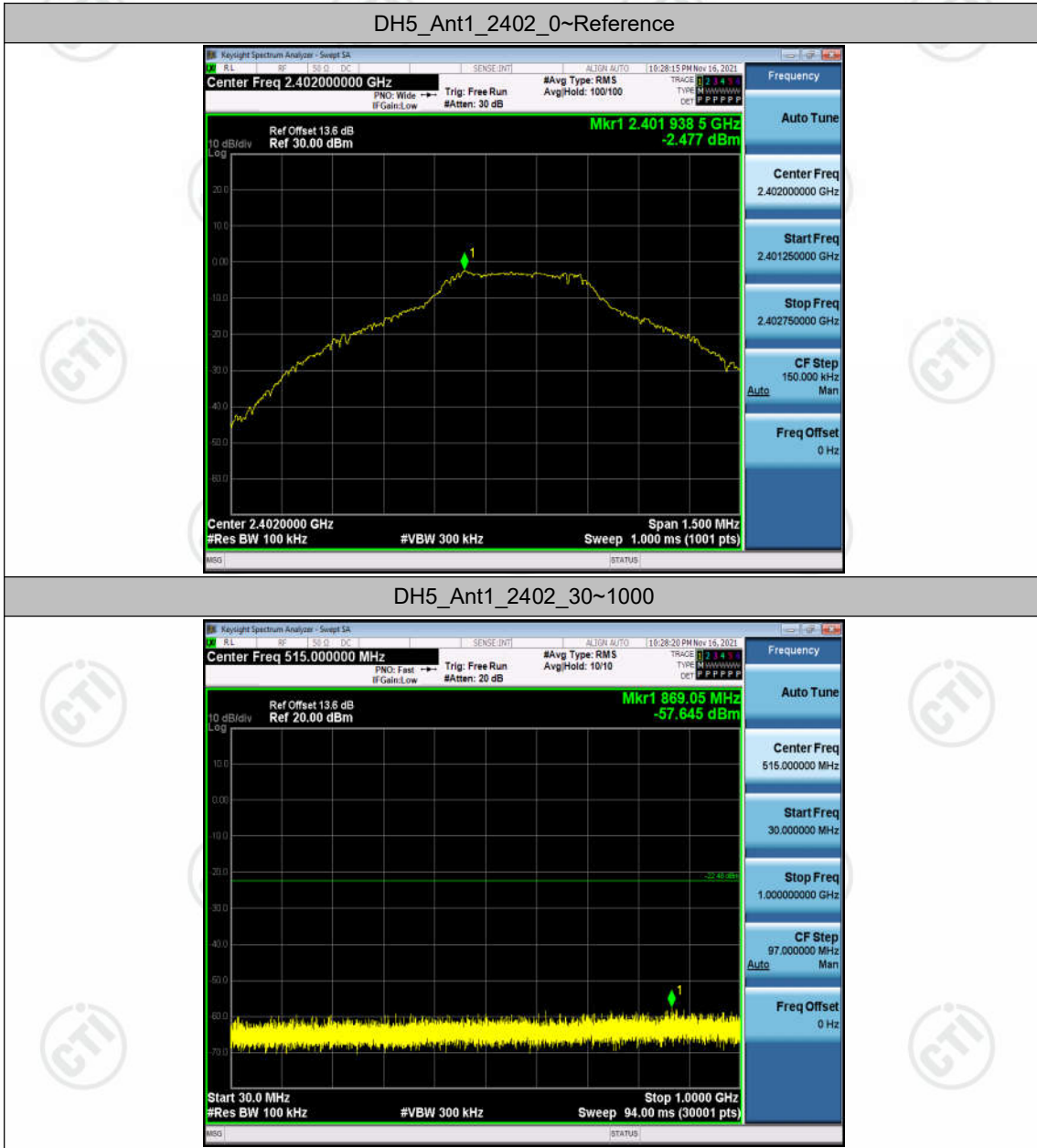


## Appendix H: Conducted Spurious Emission

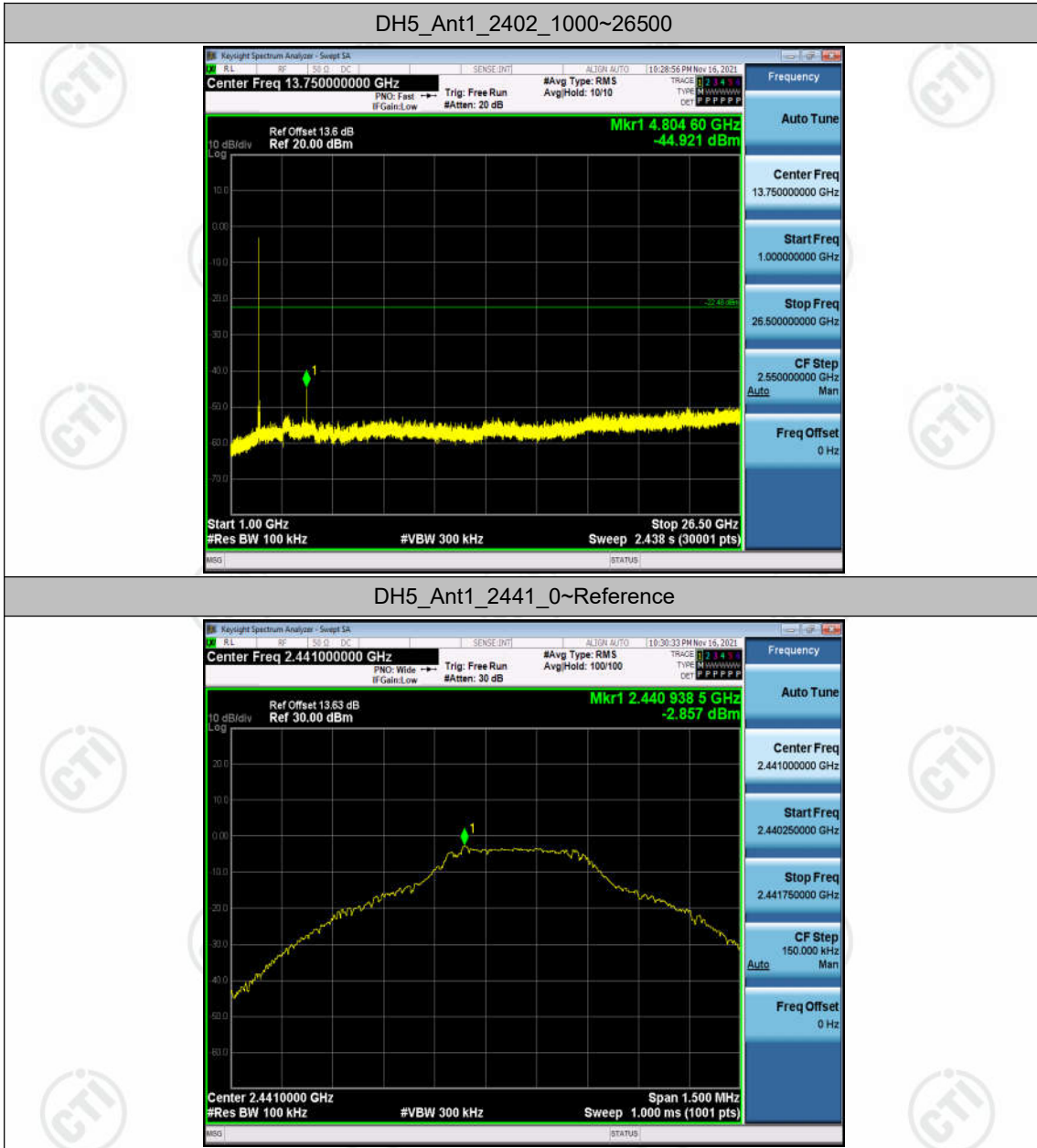
### Test Result

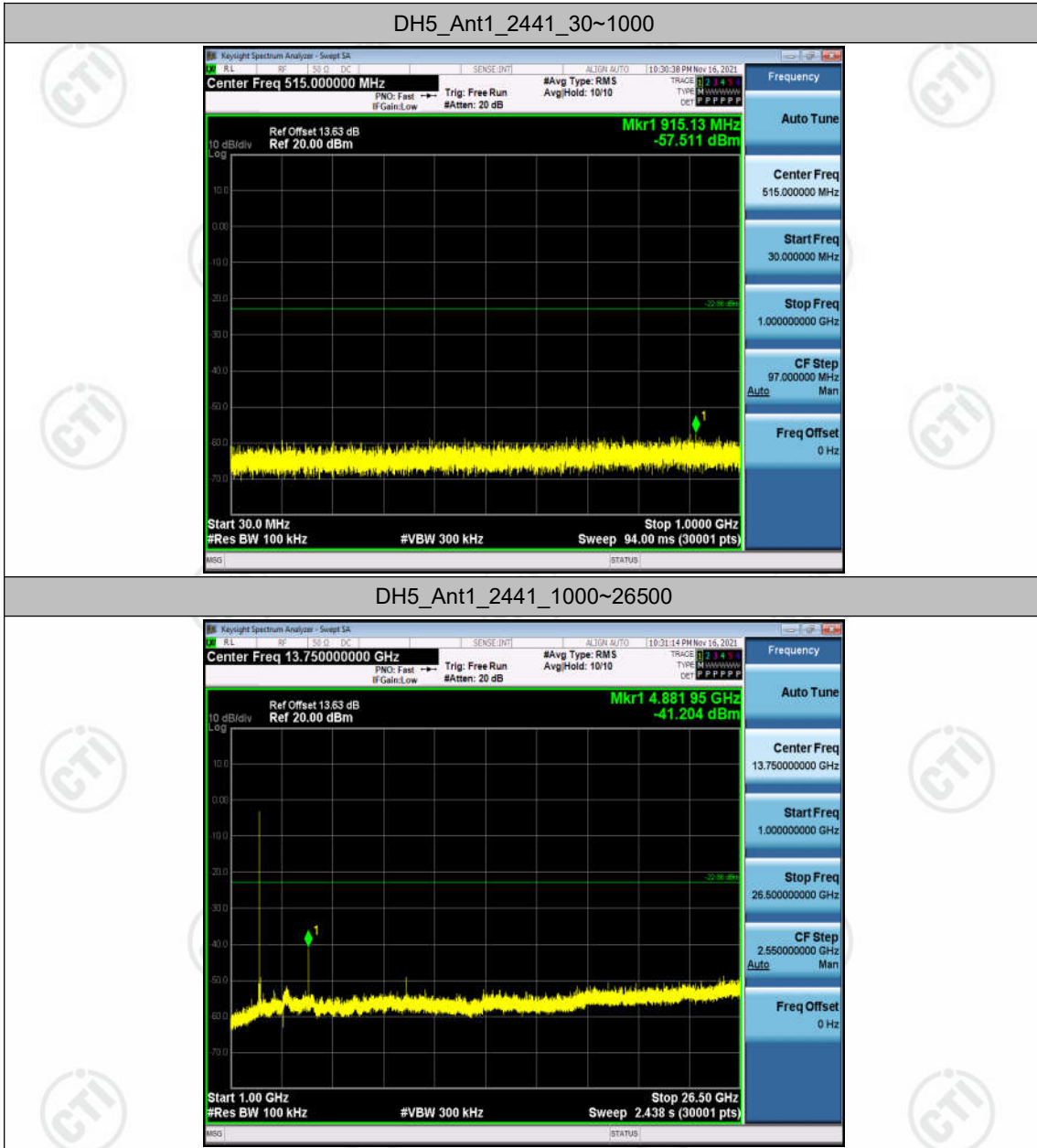
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.48	-2.48	---	PASS
			30~1000	---	-57.645	<=-22.477	PASS
			1000~26500	---	-44.921	<=-22.477	PASS
		2441	Reference	-2.86	-2.86	---	PASS
			30~1000	---	-57.511	<=-22.857	PASS
			1000~26500	---	-41.204	<=-22.857	PASS
		2480	Reference	-3.87	-3.87	---	PASS
			30~1000	---	-57.134	<=-23.872	PASS
			1000~26500	---	-44.62	<=-23.872	PASS
2DH5	Ant1	2402	Reference	-2.90	-2.90	---	PASS
			30~1000	---	-56.948	<=-22.901	PASS
			1000~26500	---	-49.267	<=-22.901	PASS
		2441	Reference	-2.94	-2.94	---	PASS
			30~1000	---	-57.398	<=-22.941	PASS
			1000~26500	---	-46.655	<=-22.941	PASS
		2480	Reference	-4.10	-4.10	---	PASS
			30~1000	---	-57.97	<=-24.096	PASS
			1000~26500	---	-47.648	<=-24.096	PASS

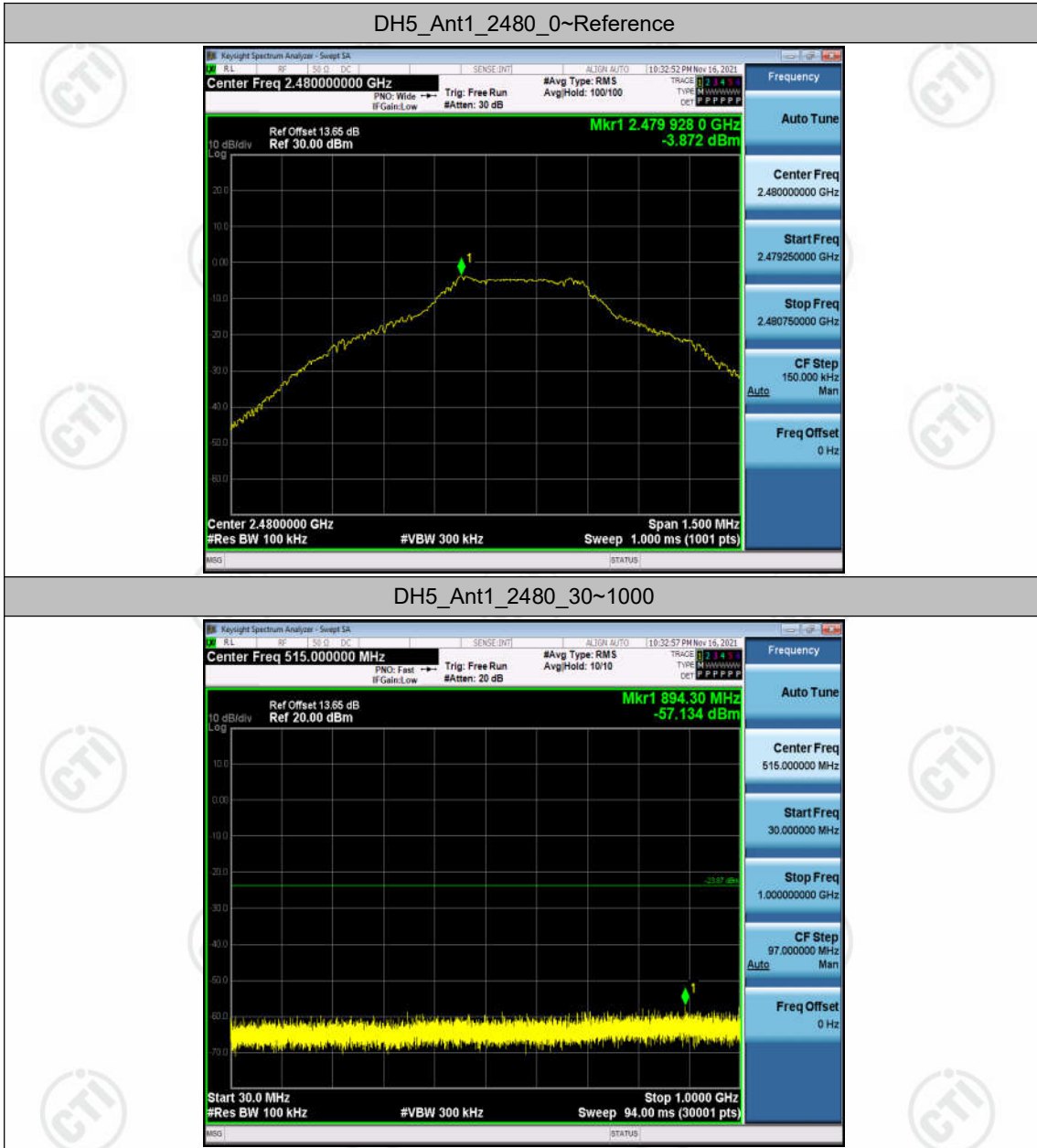
## Test Graphs

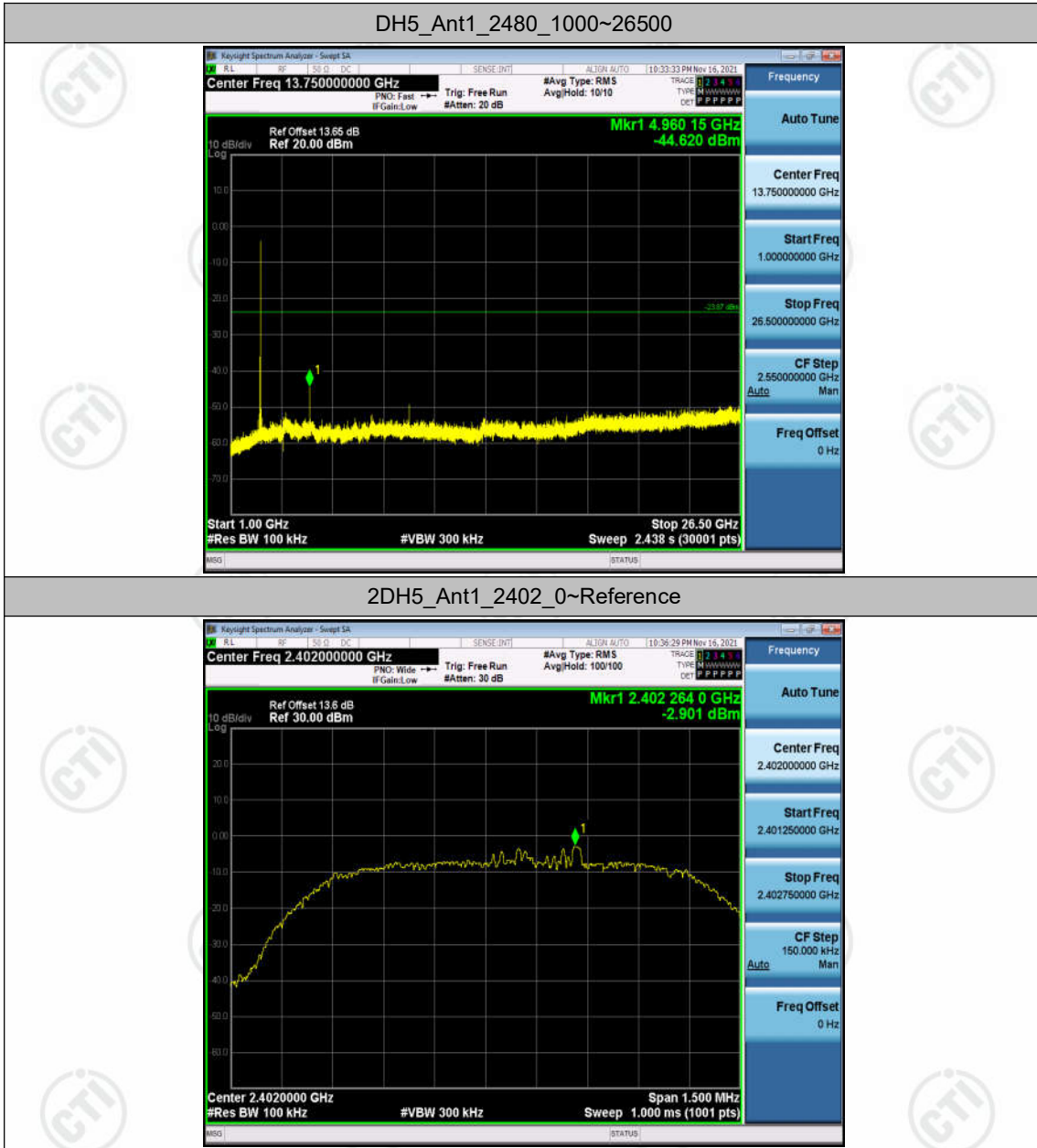


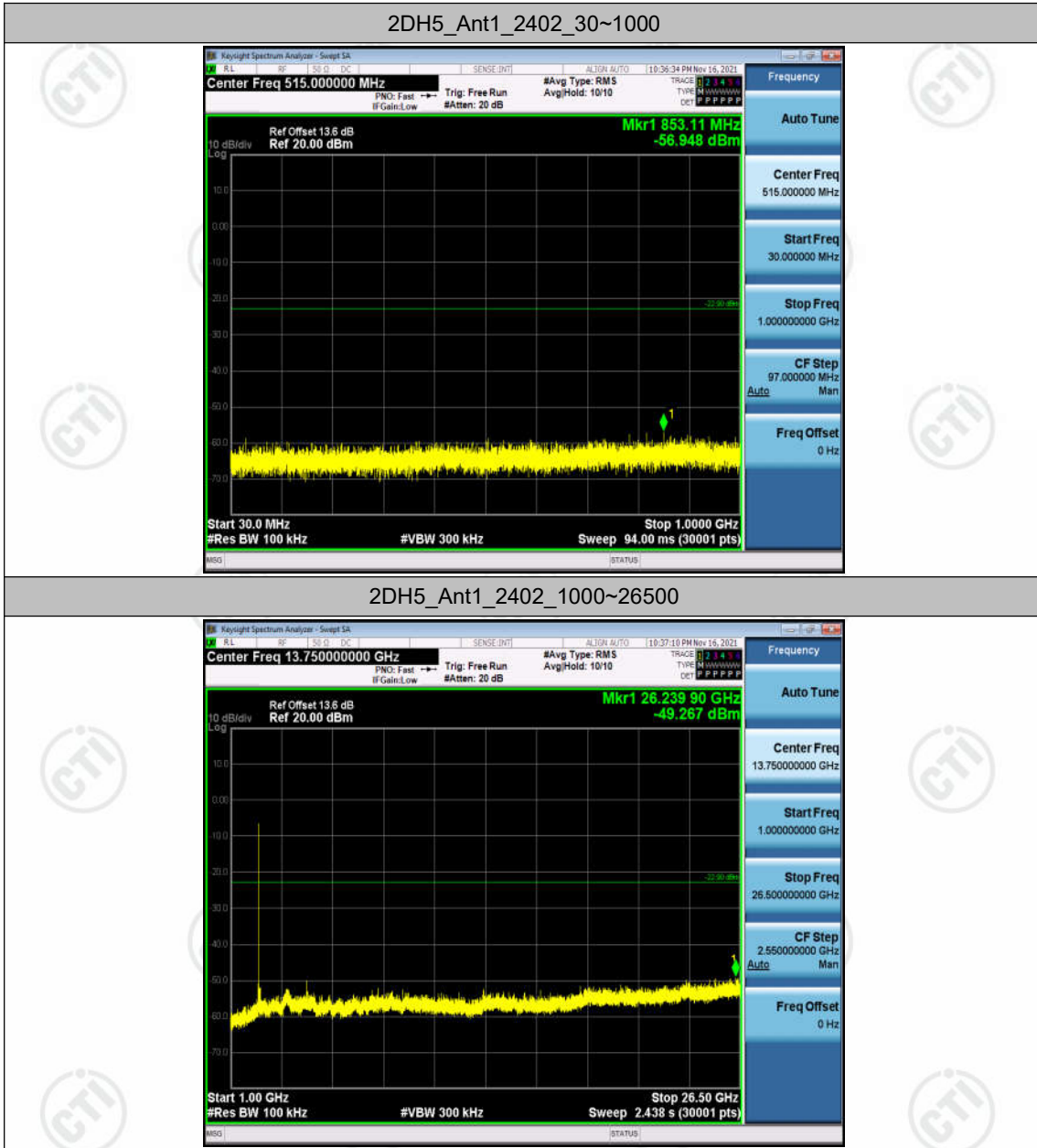


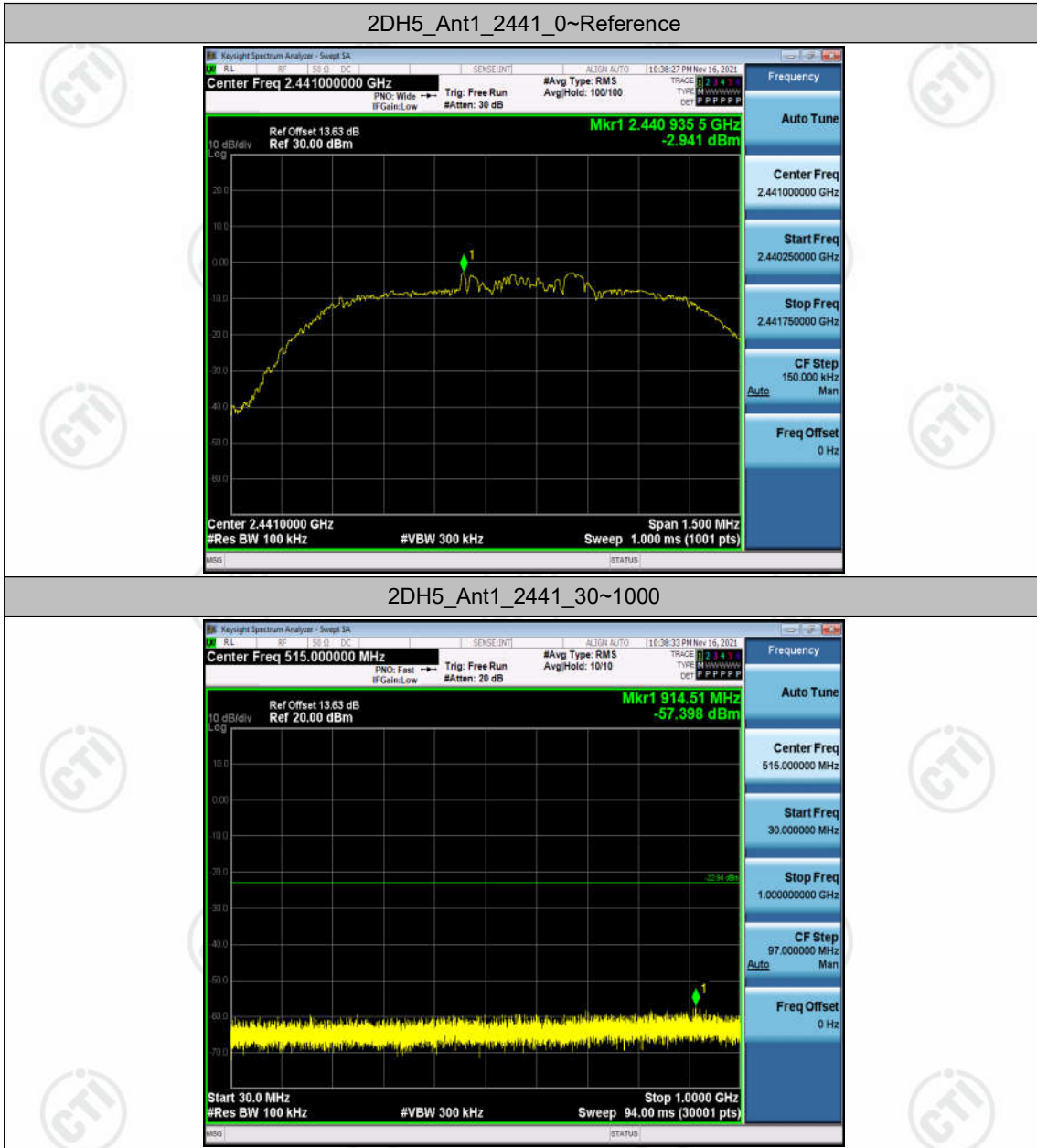


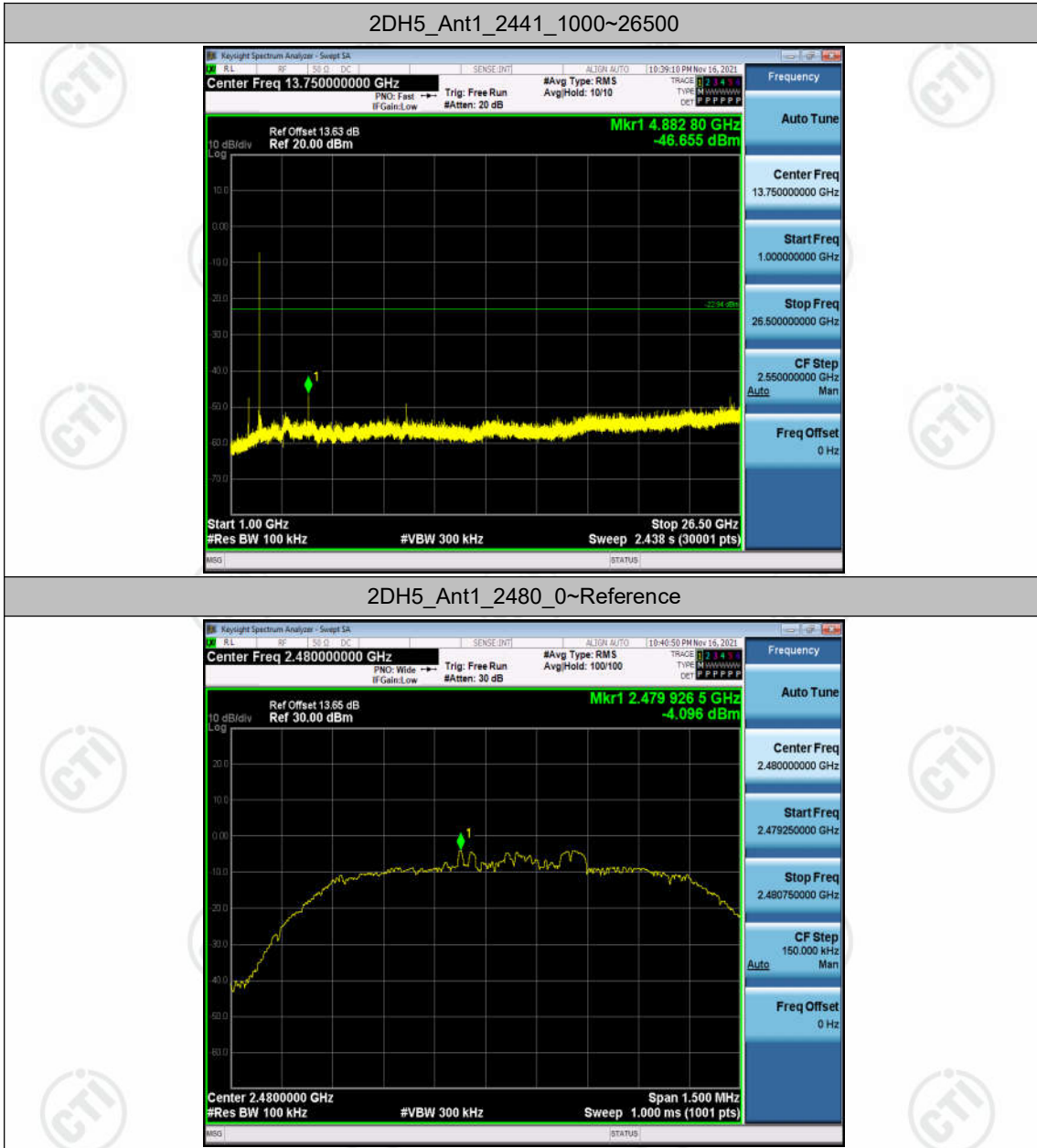


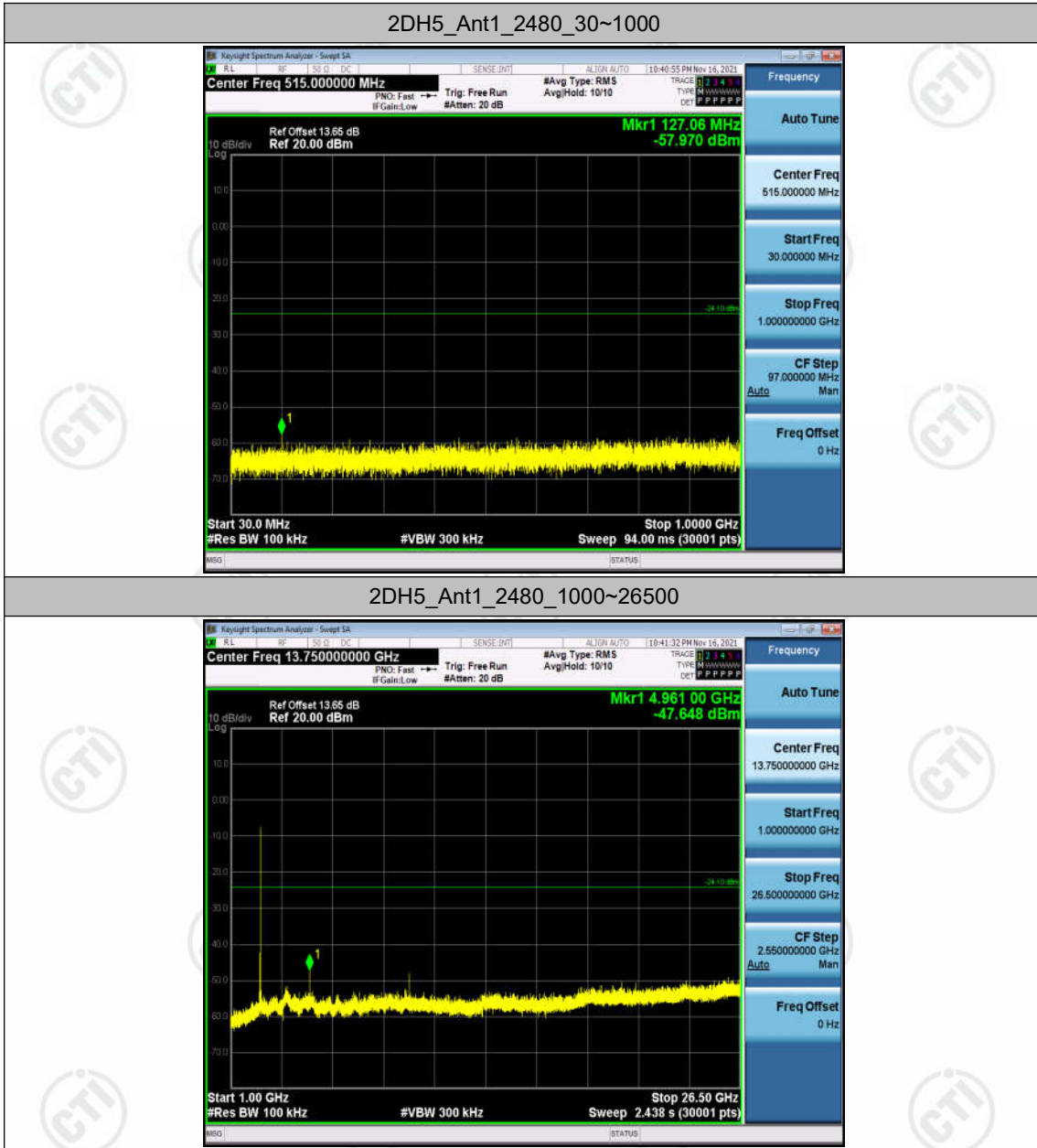










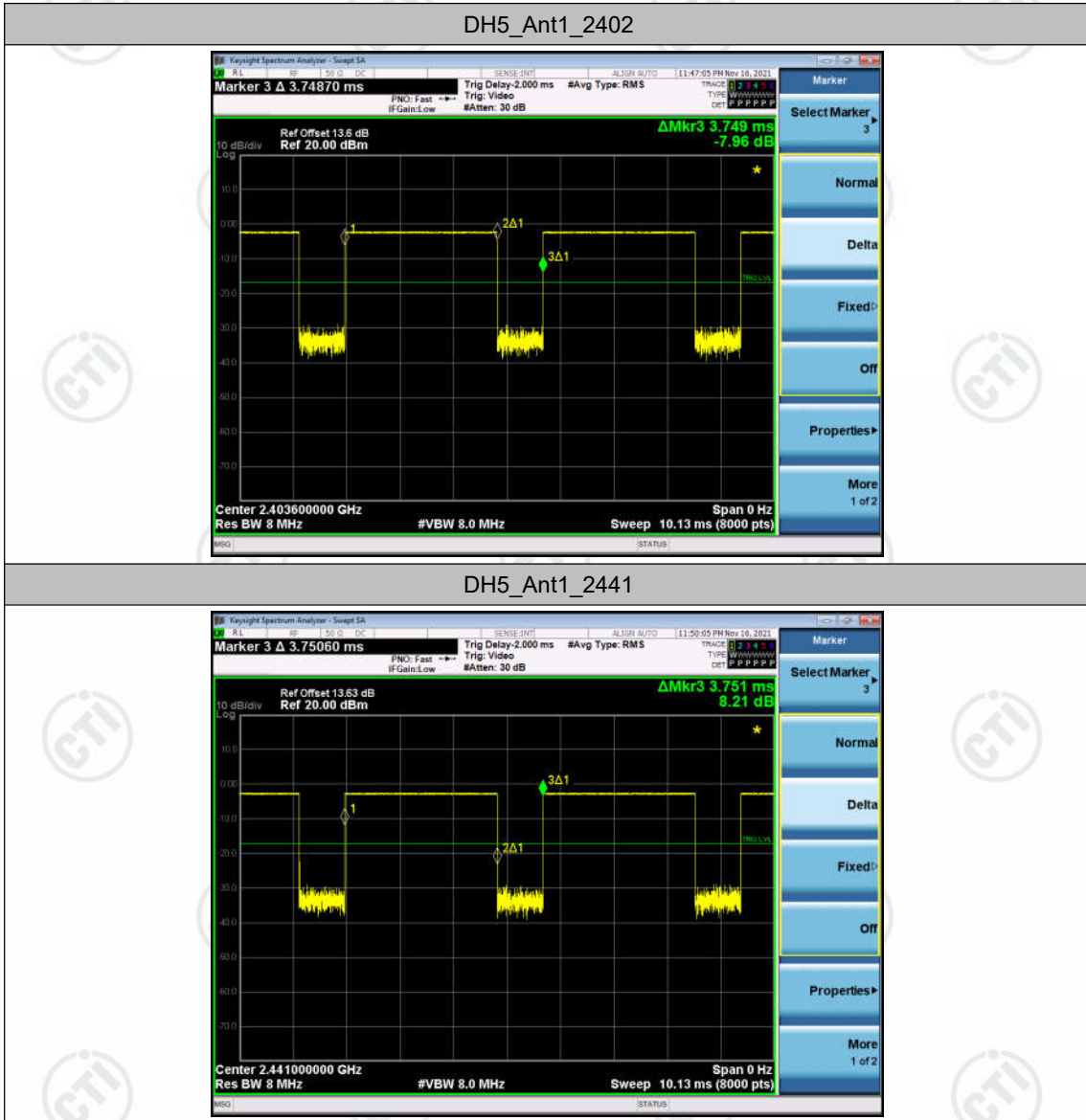


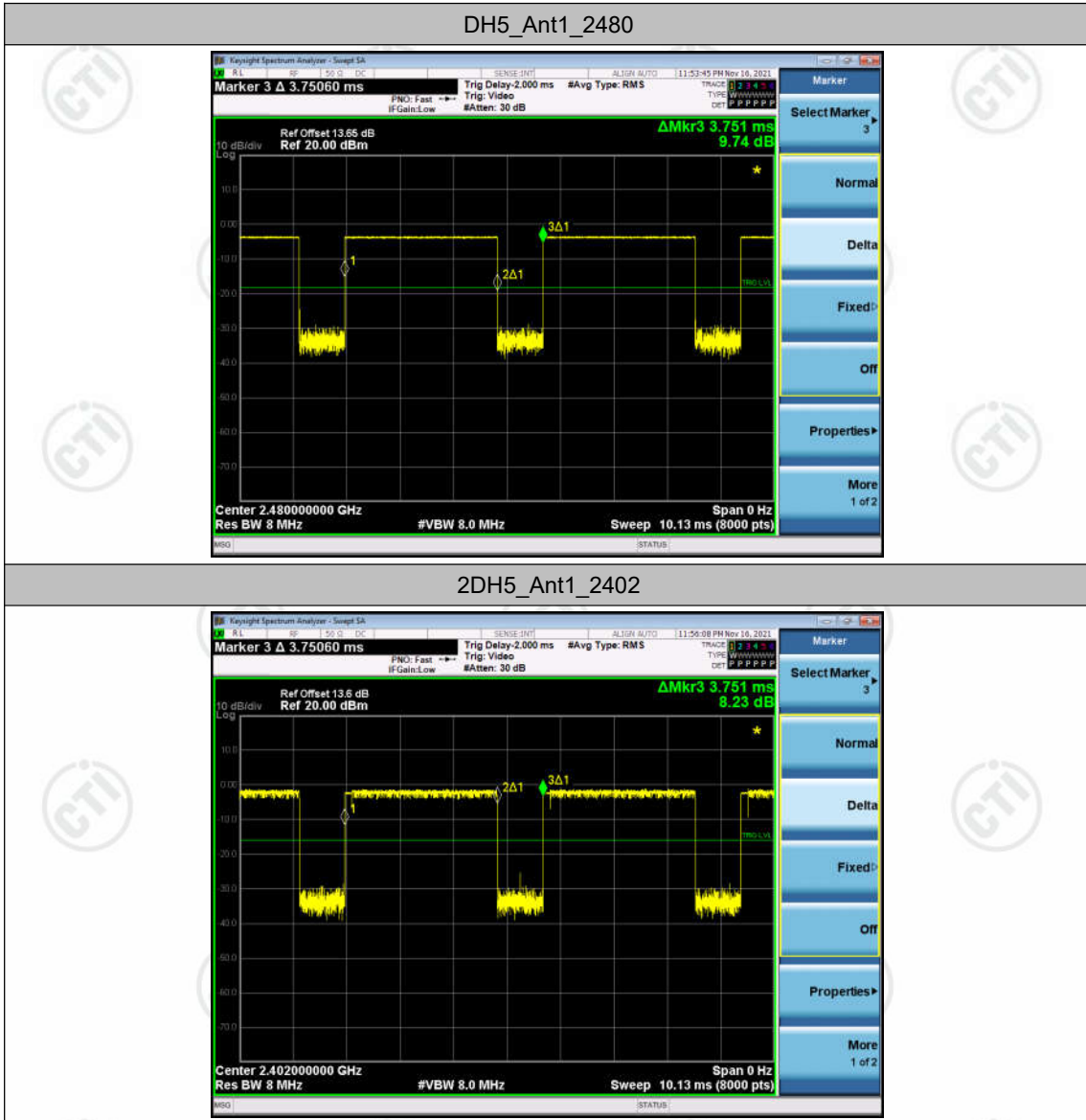


**Appendix I: Duty Cycle****Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.88	3.75	76.89	---	PASS
		2441	2.88	3.75	76.89	---	PASS
		2480	2.88	3.75	76.89	---	PASS
2DH5	Ant1	2402	2.89	3.75	77.07	---	PASS
		2441	2.89	3.75	77.07	---	PASS
		2480	2.89	3.75	77.07	---	PASS

## Test Graphs







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