

Appendix: Bluetooth Classic

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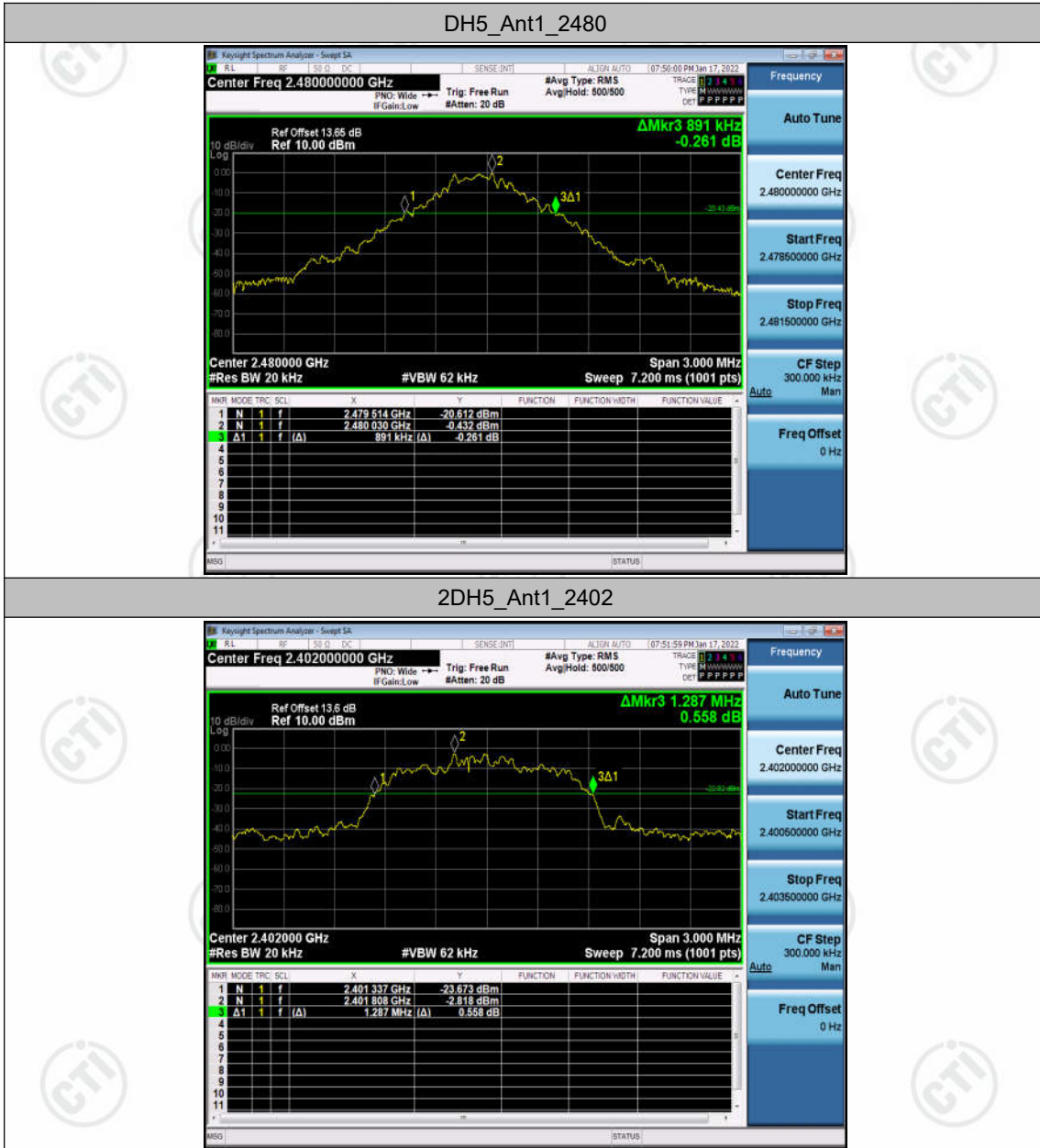
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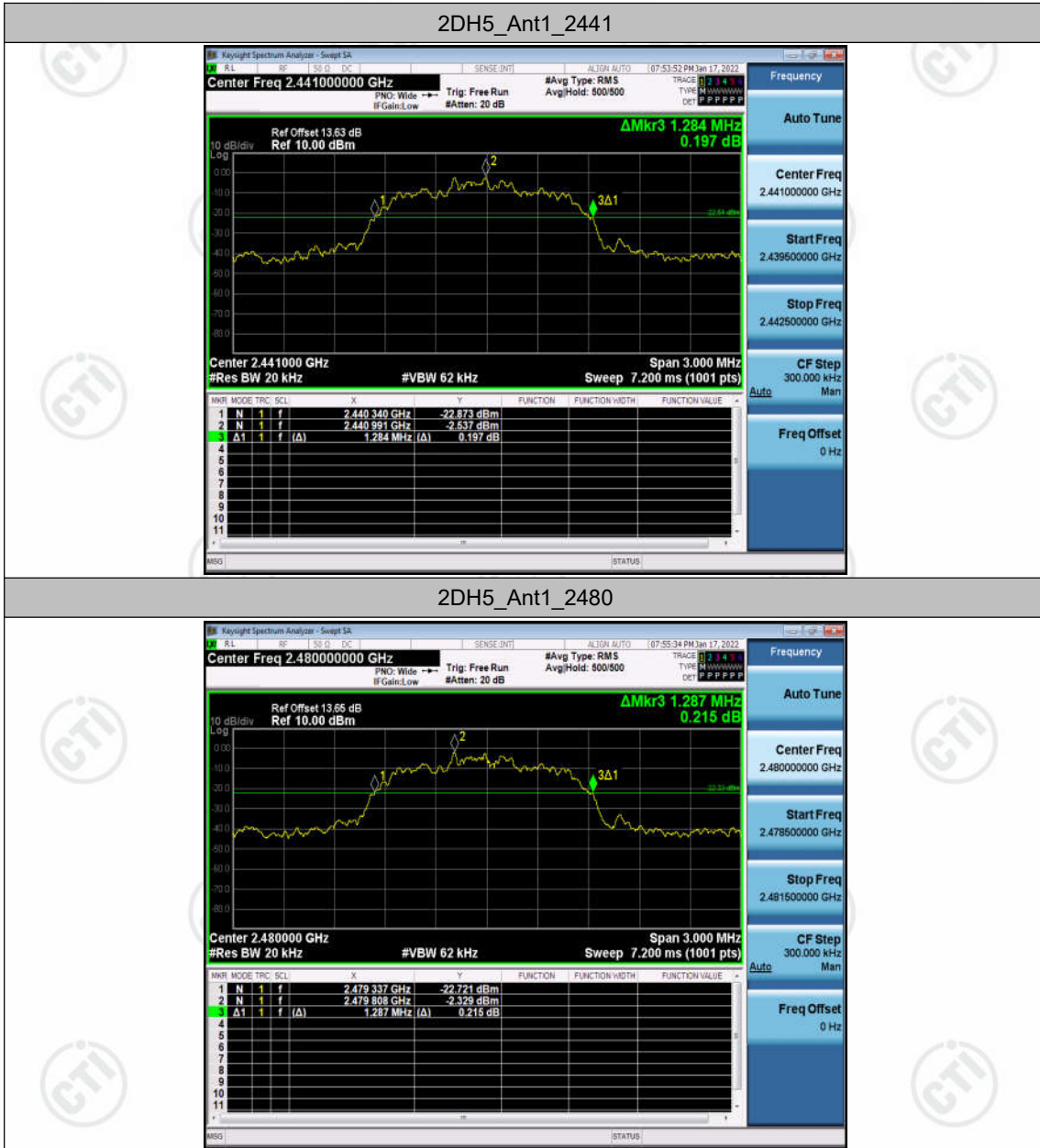
Appendix A: 20dB Emission Bandwidth**Test Result**

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.888	2401.517	2402.405	---	PASS
		2441	0.891	2440.514	2441.405	---	PASS
		2480	0.891	2479.514	2480.405	---	PASS
2DH5	Ant1	2402	1.287	2401.337	2402.624	---	PASS
		2441	1.284	2440.340	2441.624	---	PASS
		2480	1.287	2479.337	2480.624	---	PASS

Test Graphs



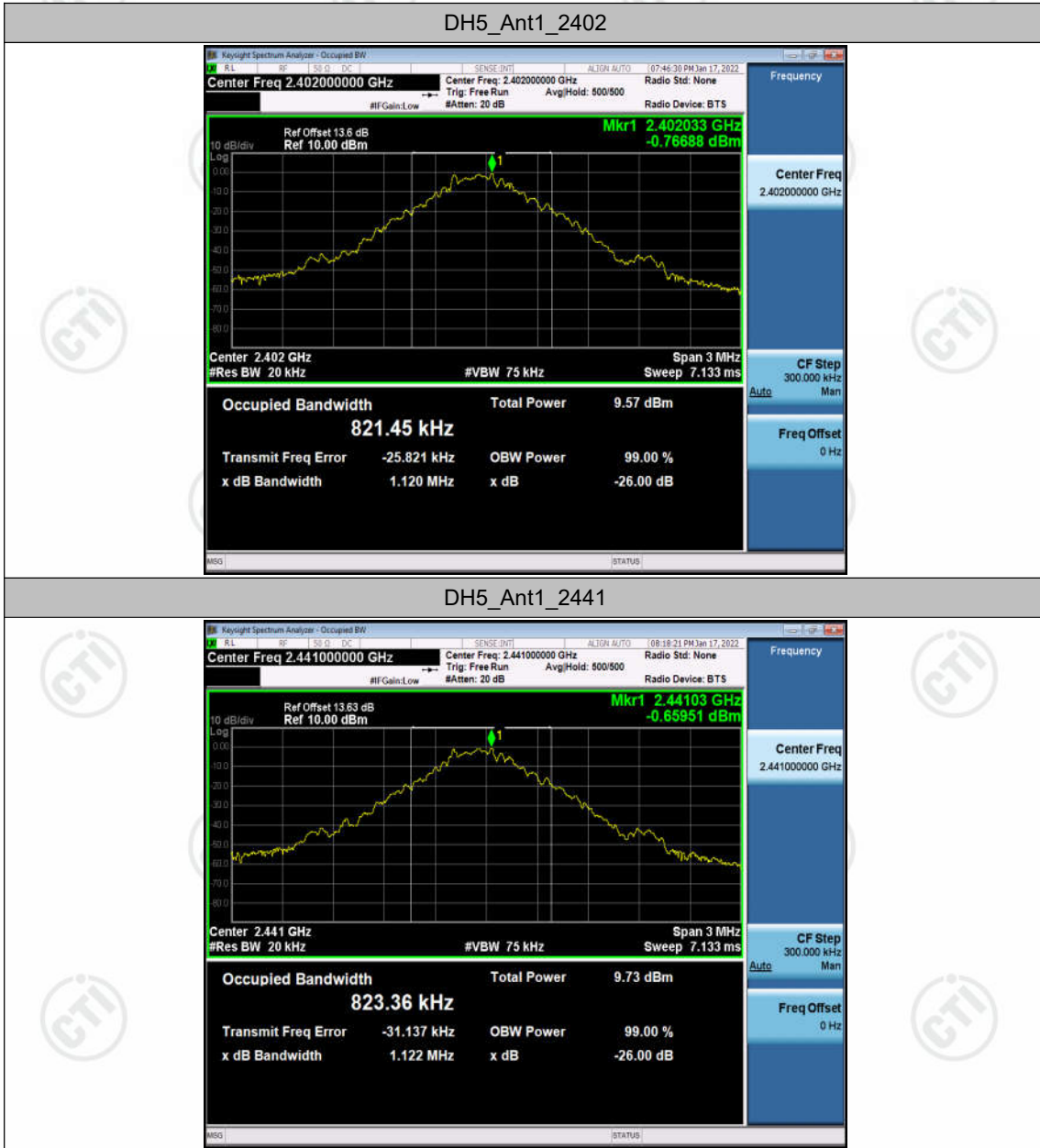


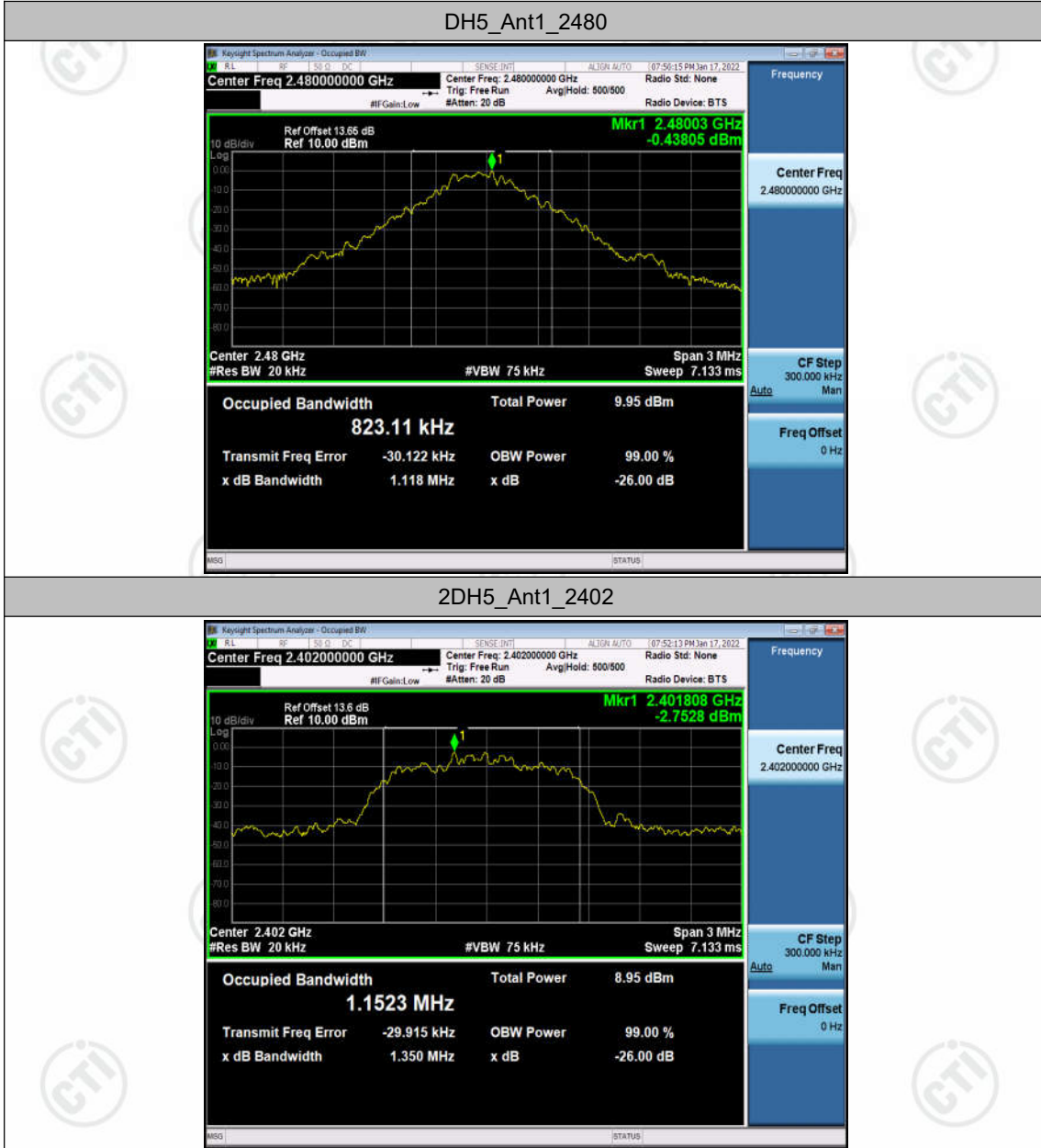


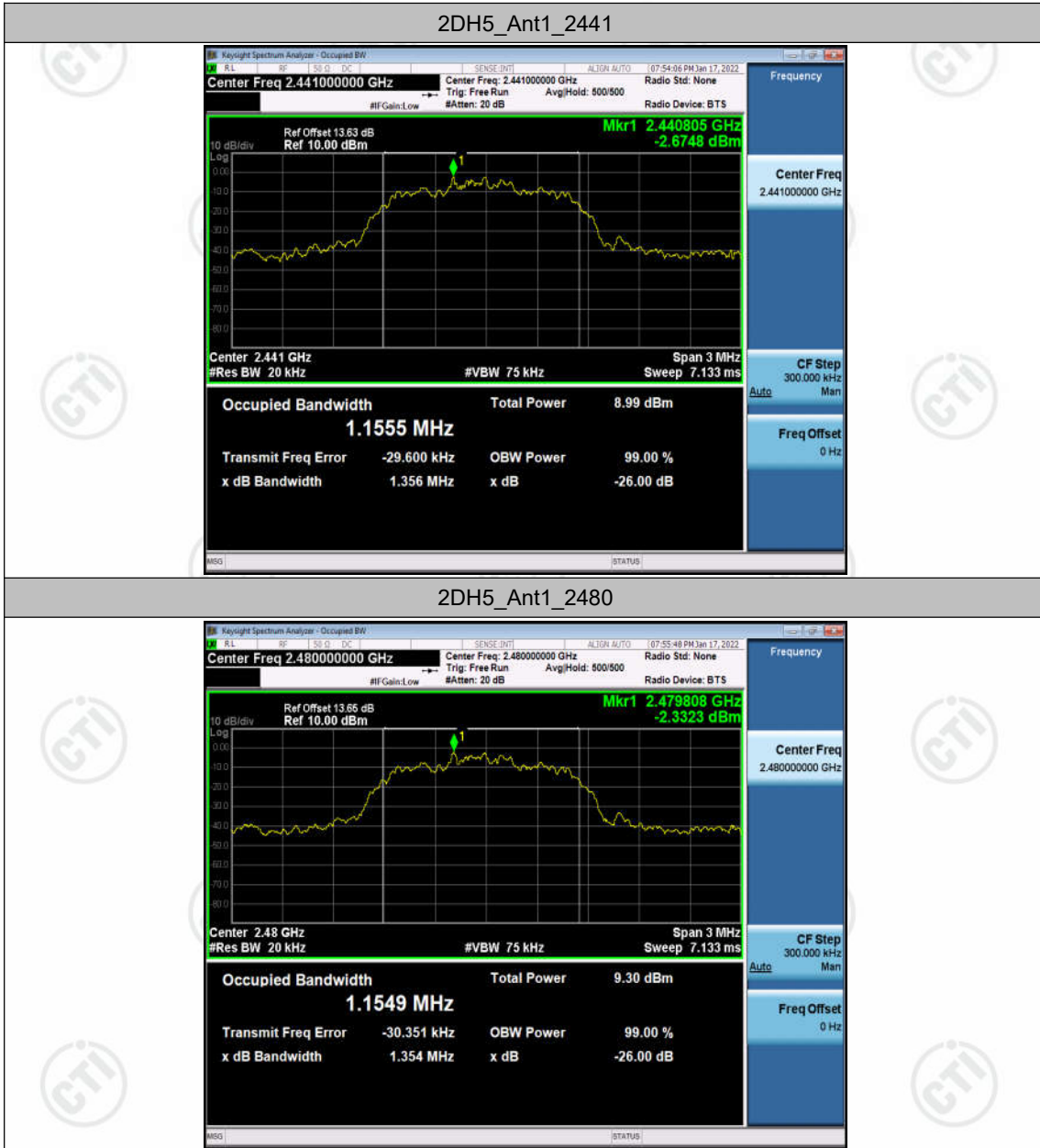
Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.82145	2401.563	2402.385	---	PASS
		2441	0.82336	2440.557	2441.381	---	PASS
		2480	0.82311	2479.558	2480.381	---	PASS
2DH5	Ant1	2402	1.1523	2401.394	2402.546	---	PASS
		2441	1.1555	2440.393	2441.548	---	PASS
		2480	1.1549	2479.392	2480.547	---	PASS

Test Graphs



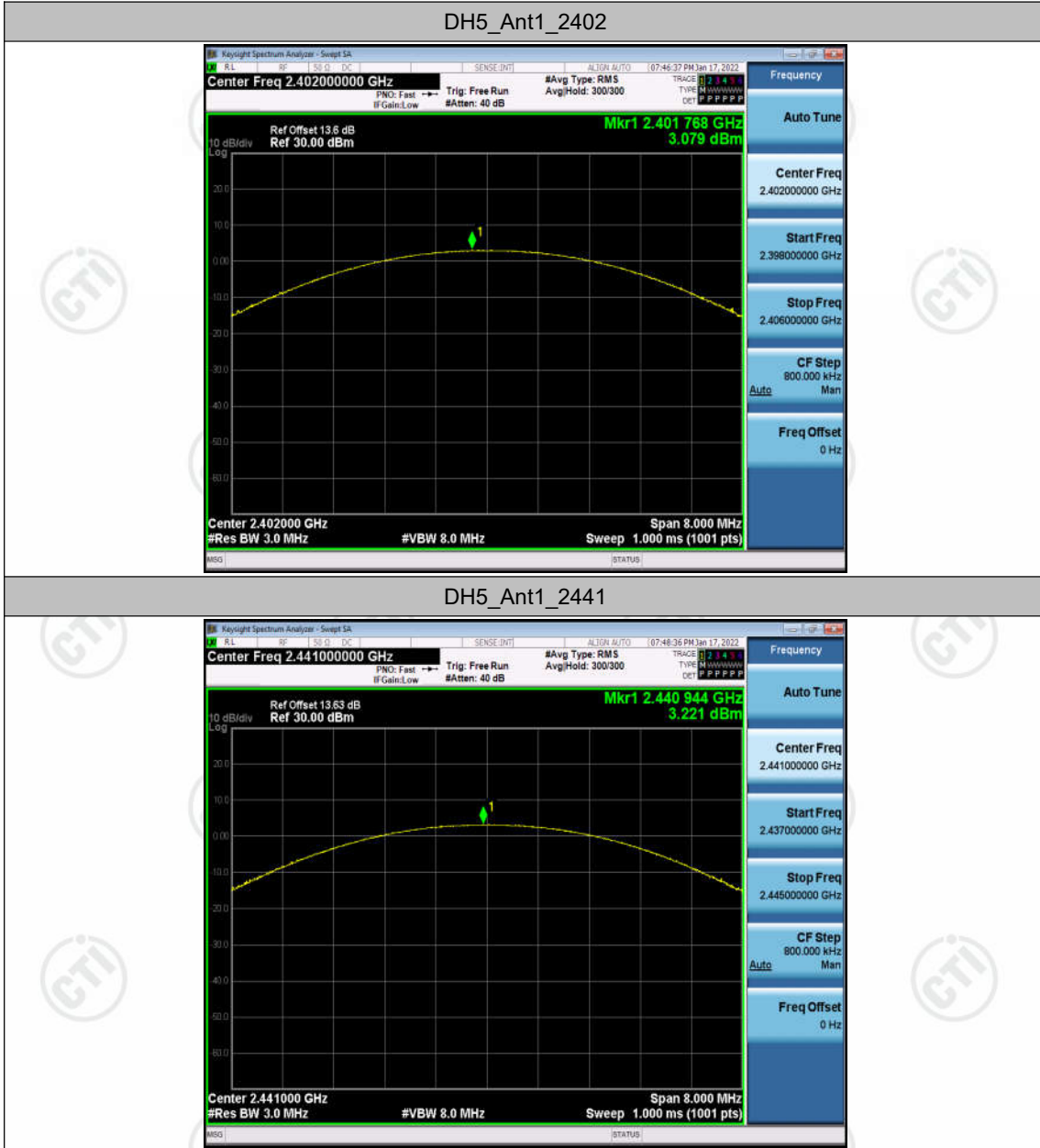


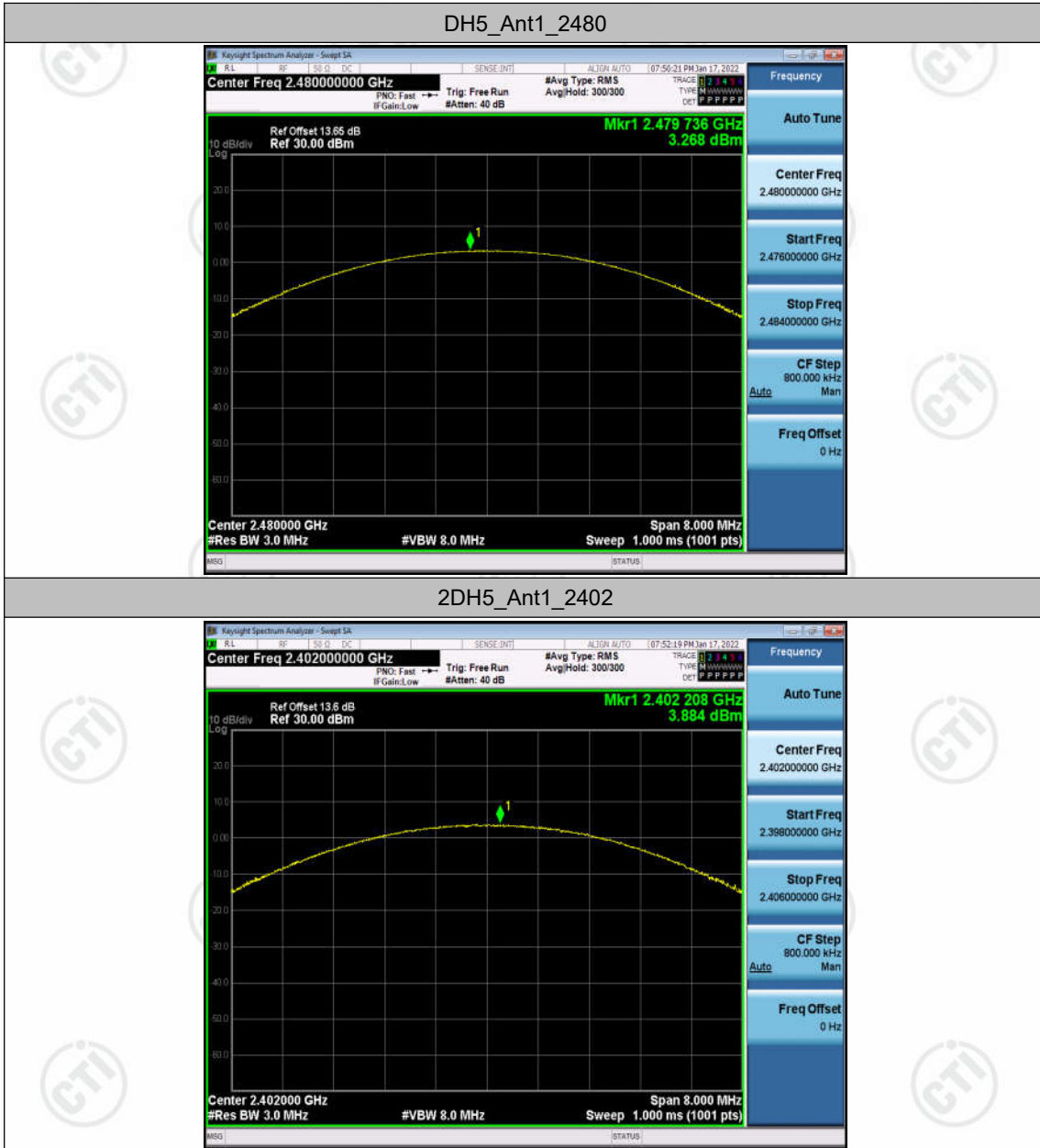


Appendix C: Maximum conducted output power**Test Result**

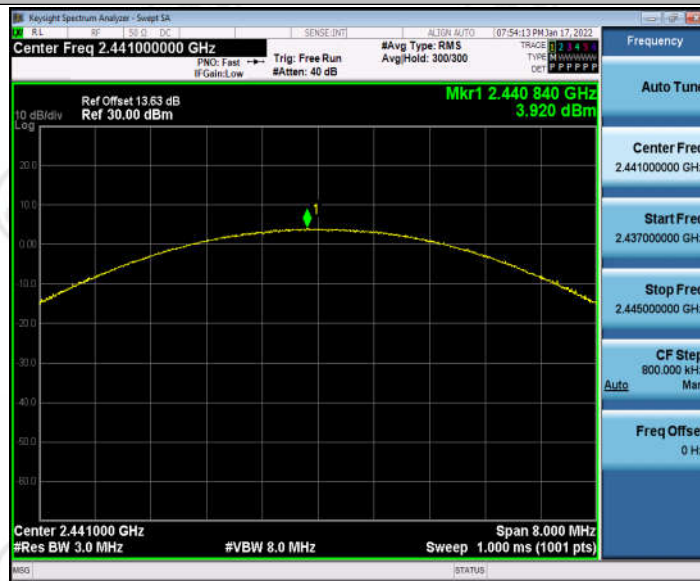
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	3.08	<=20.97	PASS
		2441	3.22	<=20.97	PASS
		2480	3.27	<=20.97	PASS
2DH5	Ant1	2402	3.88	<=20.97	PASS
		2441	3.92	<=20.97	PASS
		2480	4.1	<=20.97	PASS

Test Graphs

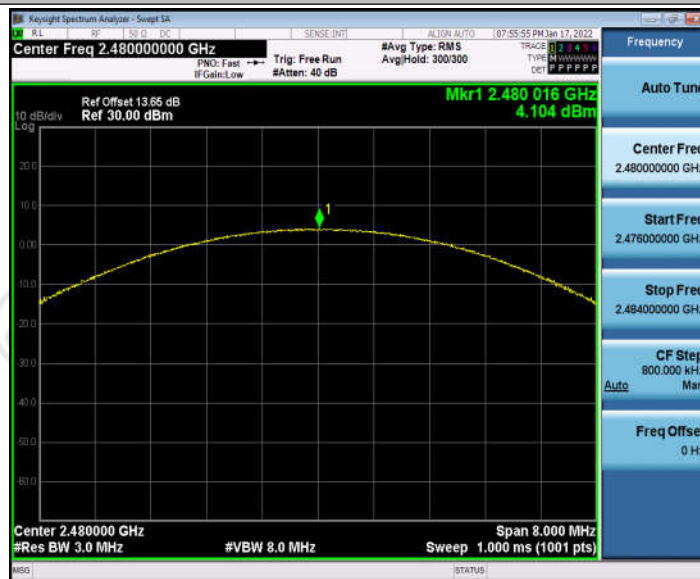




2DH5_Ant1_2441



2DH5_Ant1_2480

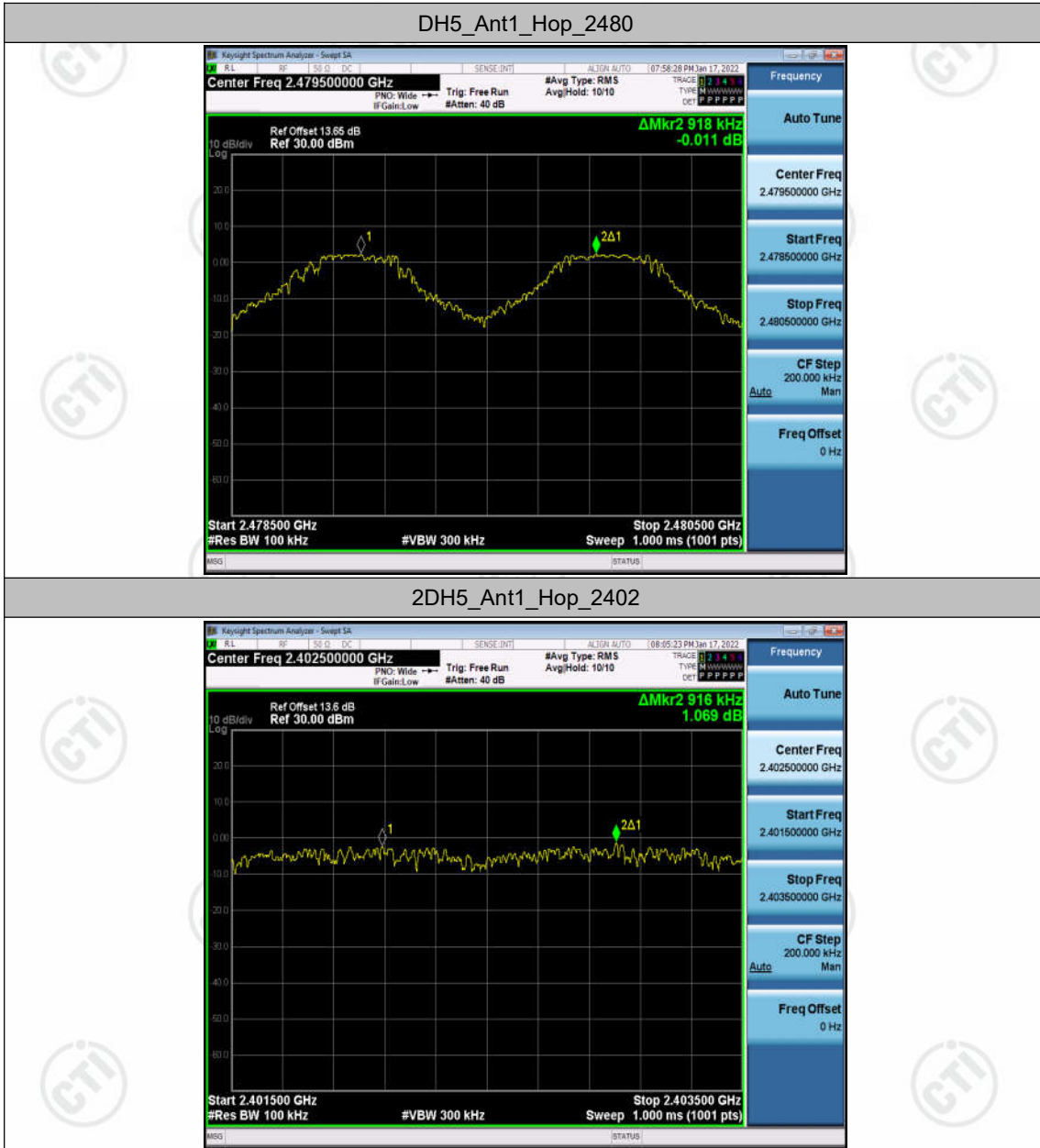


Appendix D: Carrier frequency separation**Test Result**

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.078	≥ 0.891	PASS
		Hop_2441	1.198	≥ 0.891	PASS
		Hop_2480	0.918	≥ 0.891	PASS
2DH5	Ant1	Hop_2402	0.916	≥ 0.858	PASS
		Hop_2441	1.032	≥ 0.858	PASS
		Hop_2480	0.914	≥ 0.858	PASS

Test Graphs





2DH5_Ant1_Hop_2441



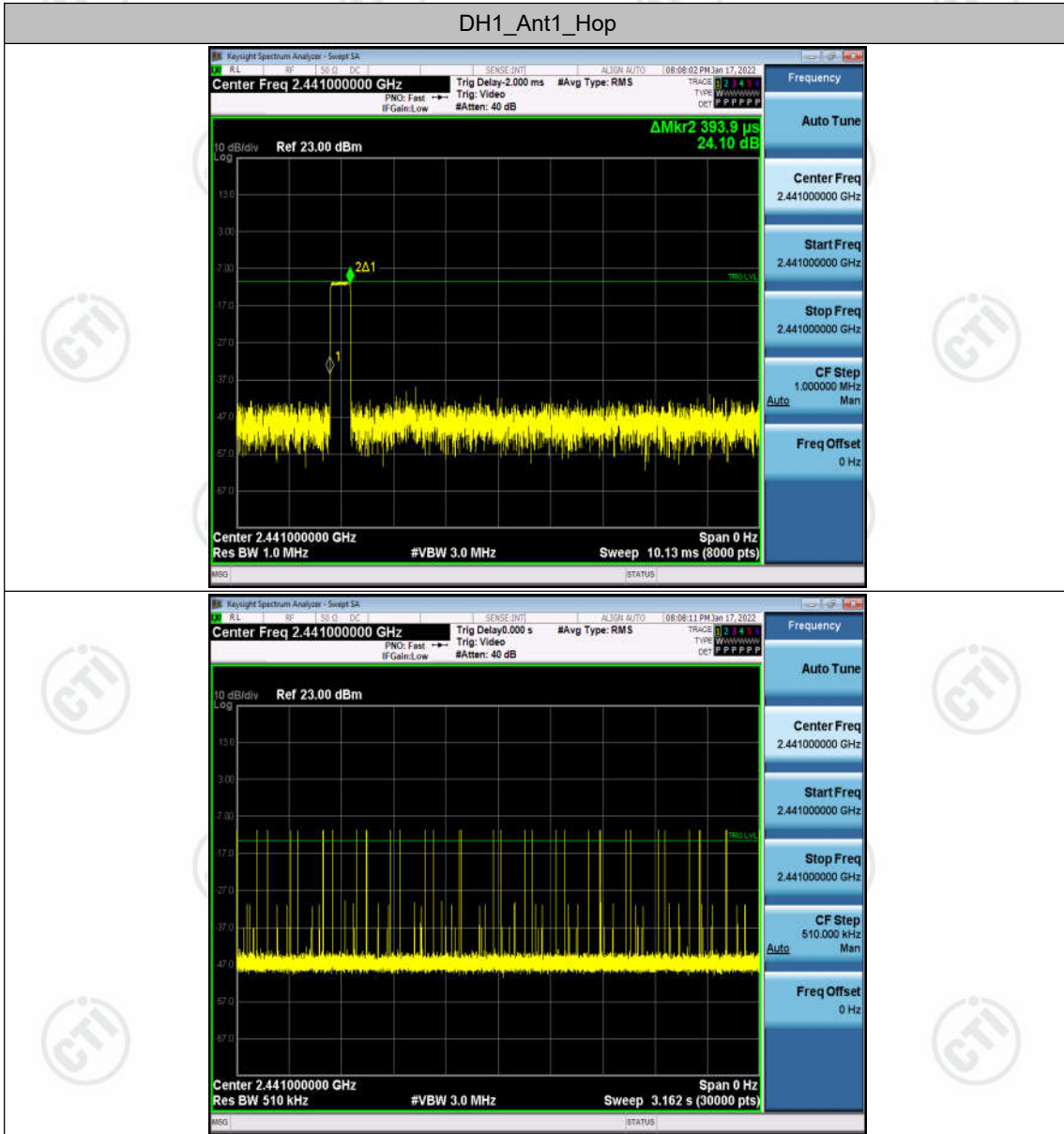
2DH5_Ant1_Hop_2480

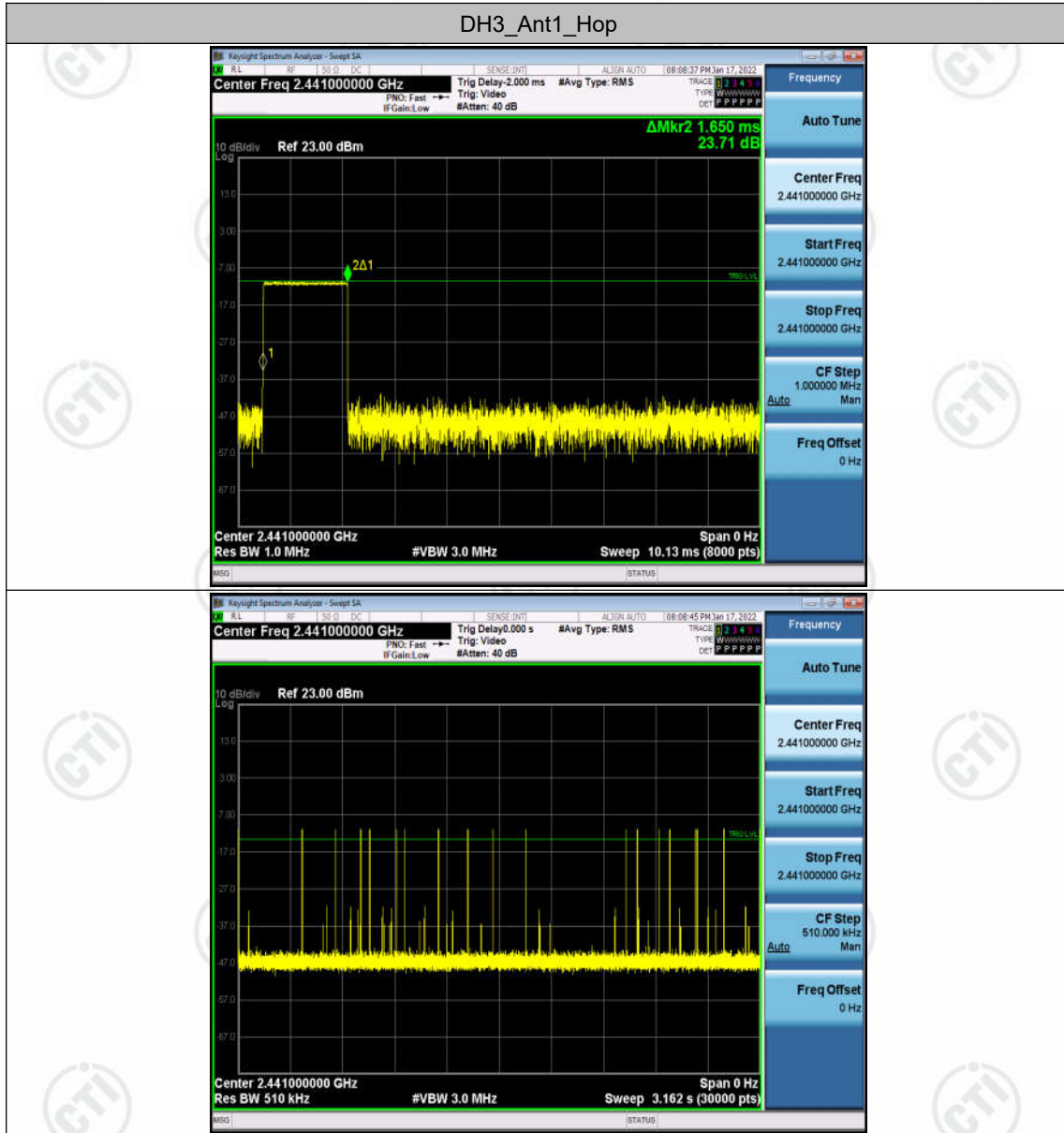


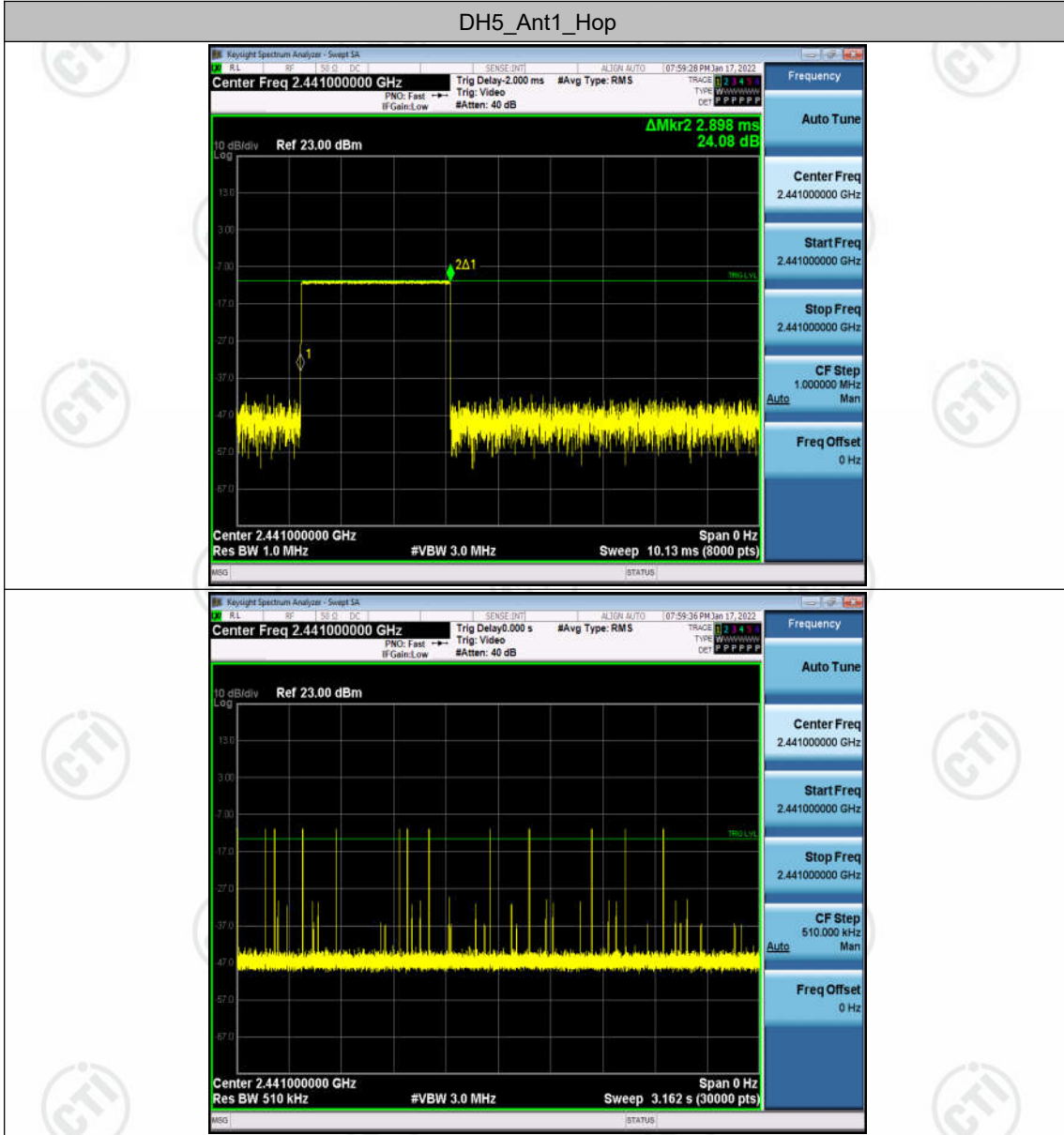
Appendix E: Time of occupancy**Test Result**

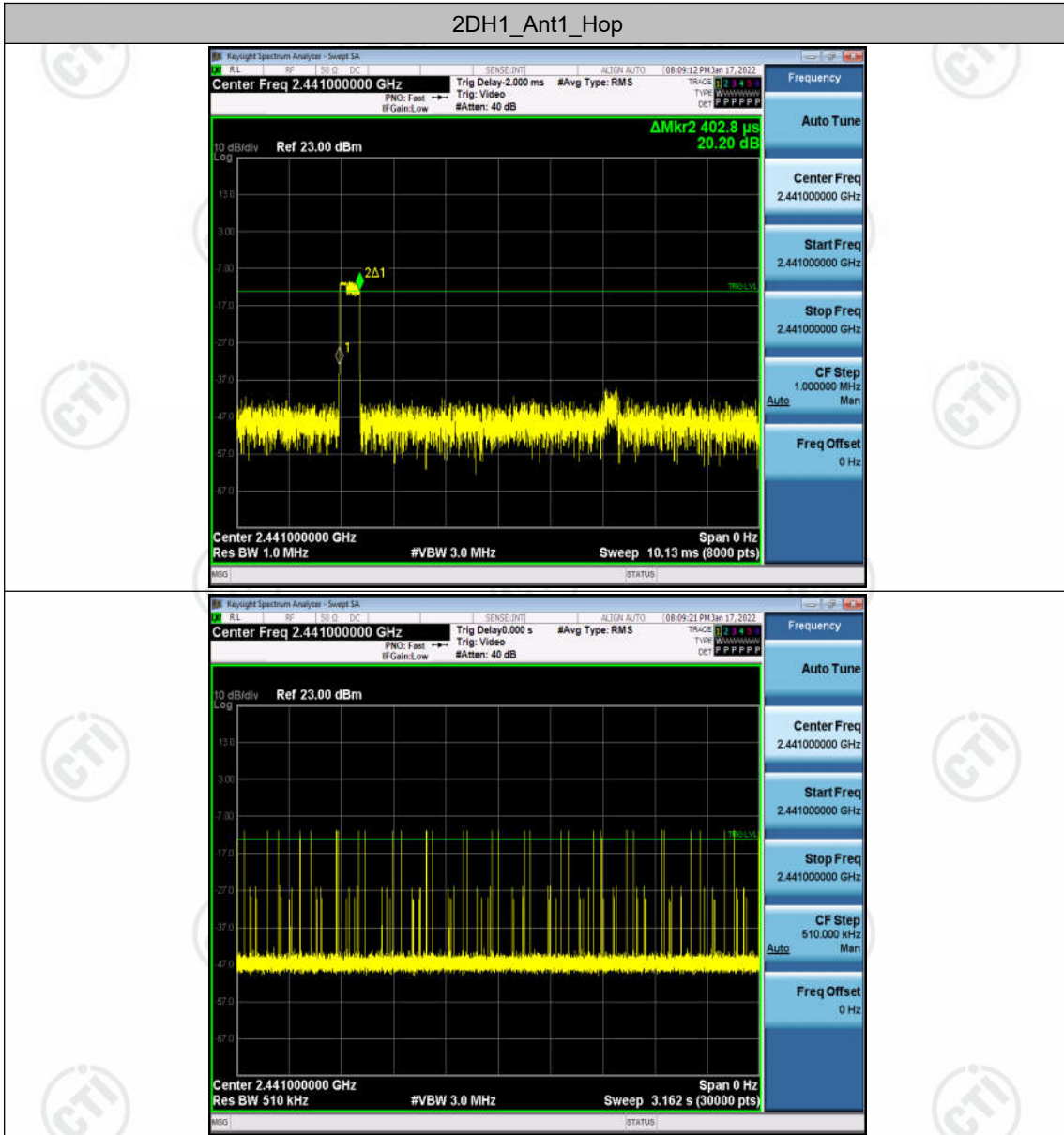
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.13	<=0.4	PASS
DH3	Ant1	Hop	1.65	190	0.314	<=0.4	PASS
DH5	Ant1	Hop	2.90	130	0.377	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.66	180	0.298	<=0.4	PASS
2DH5	Ant1	Hop	2.91	110	0.32	<=0.4	PASS

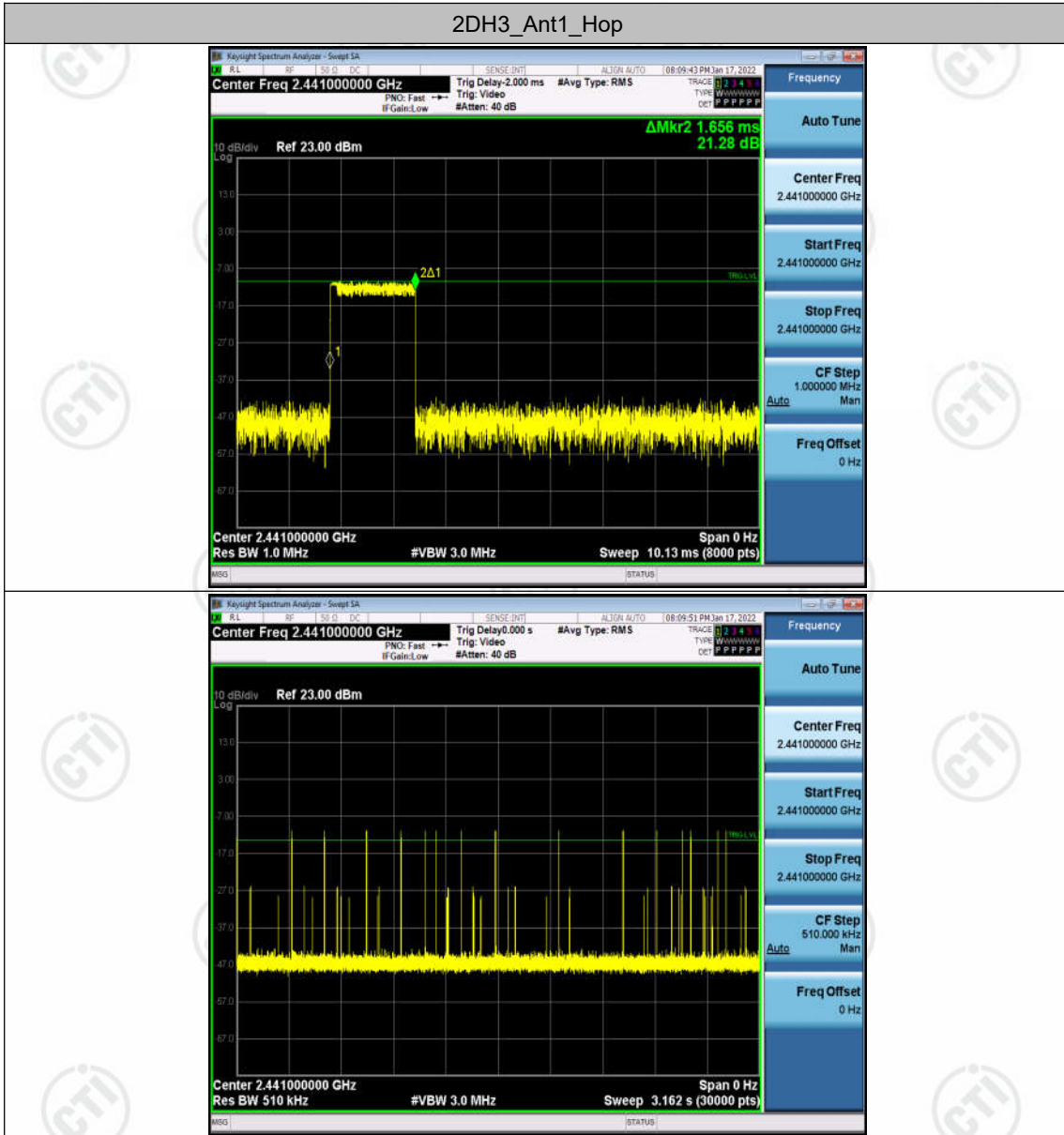
Test Graphs

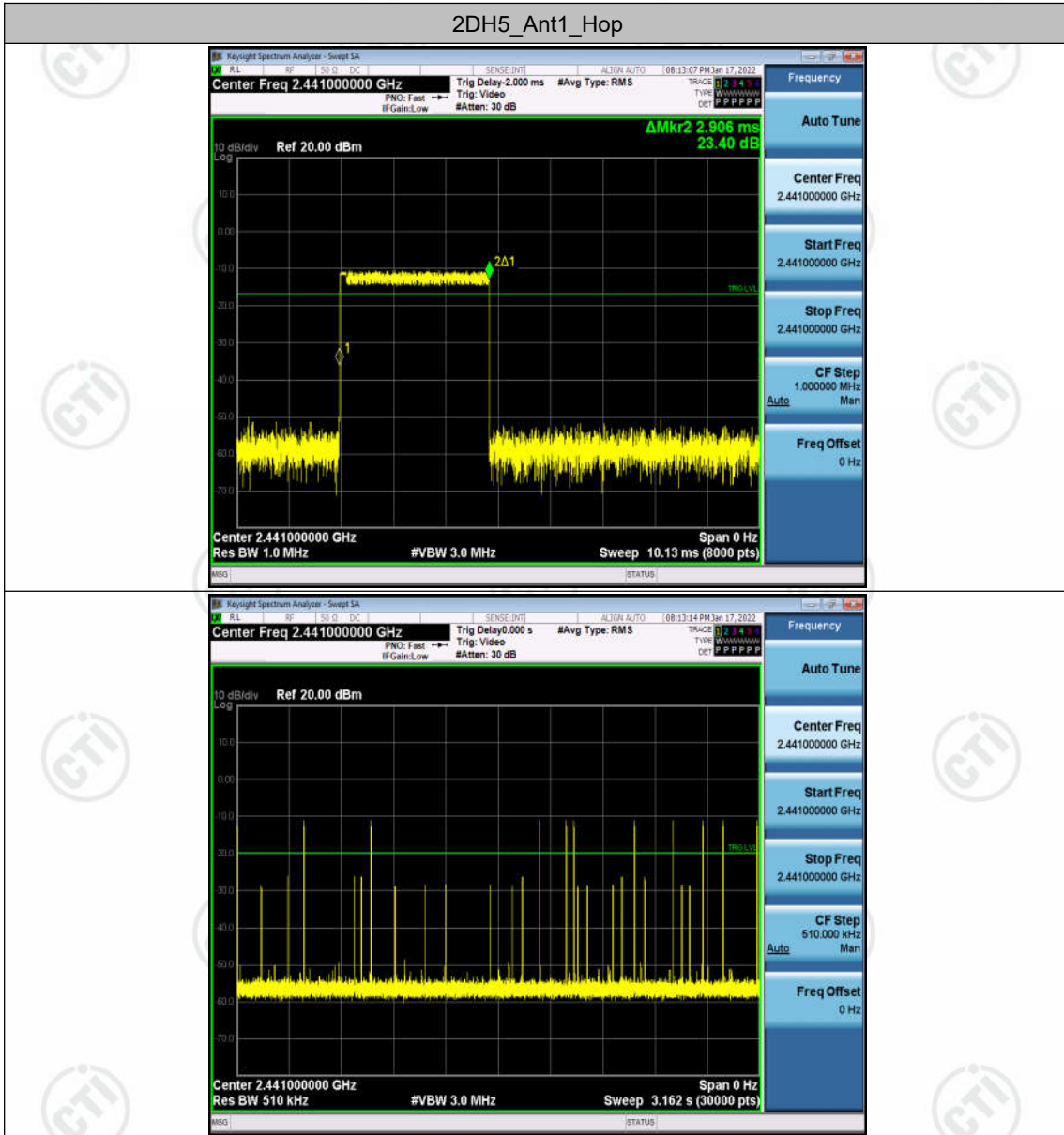










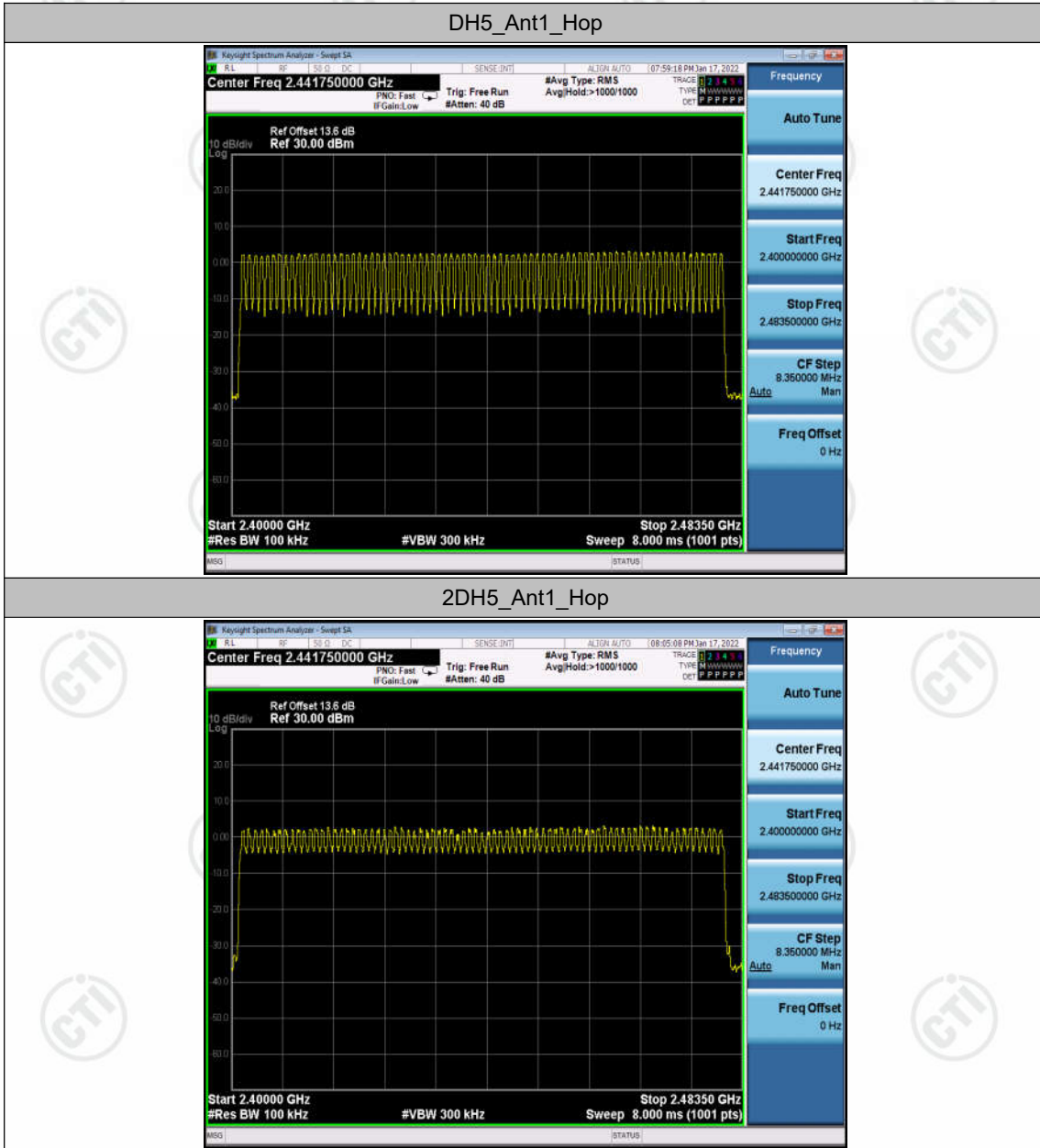


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

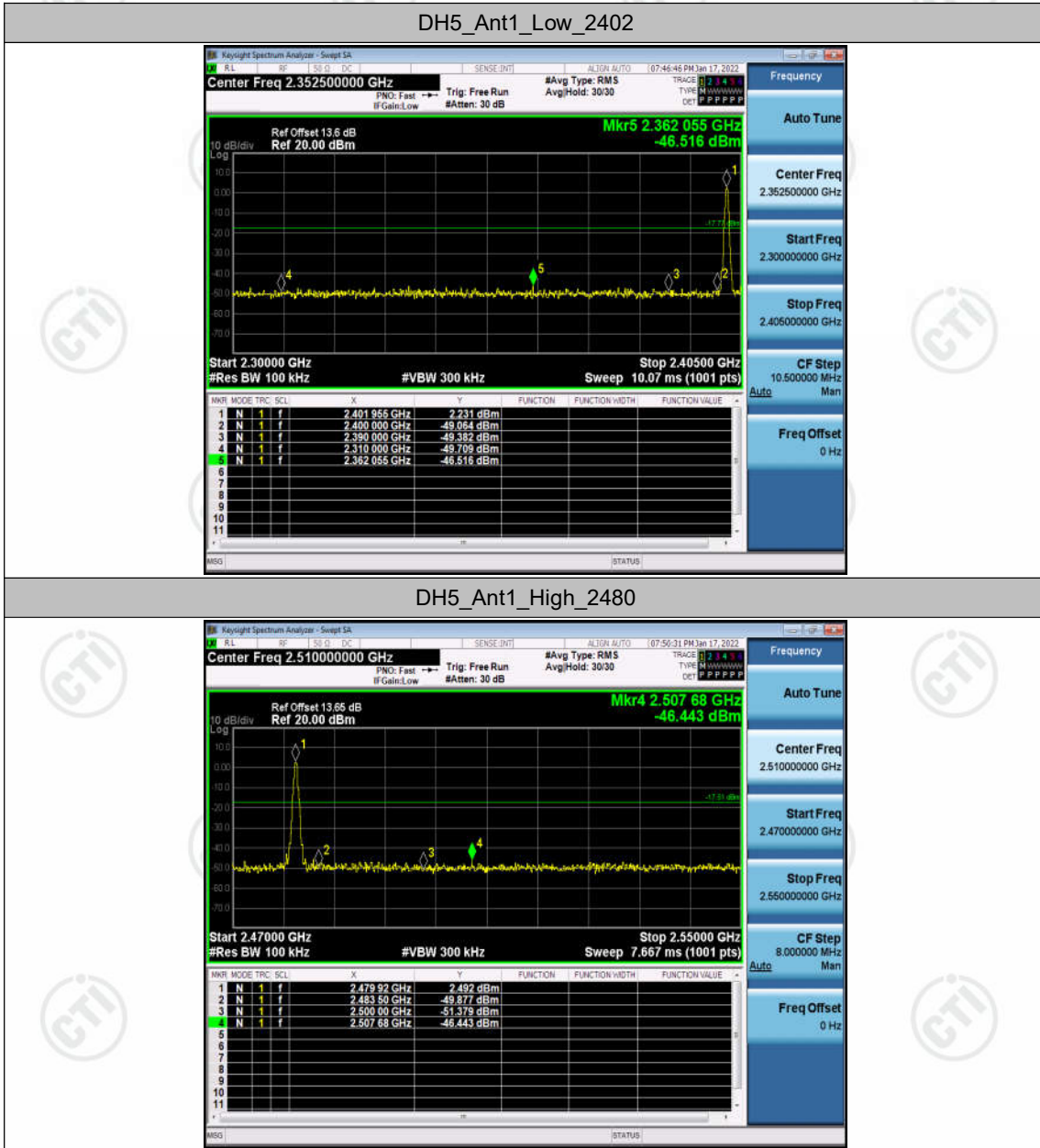


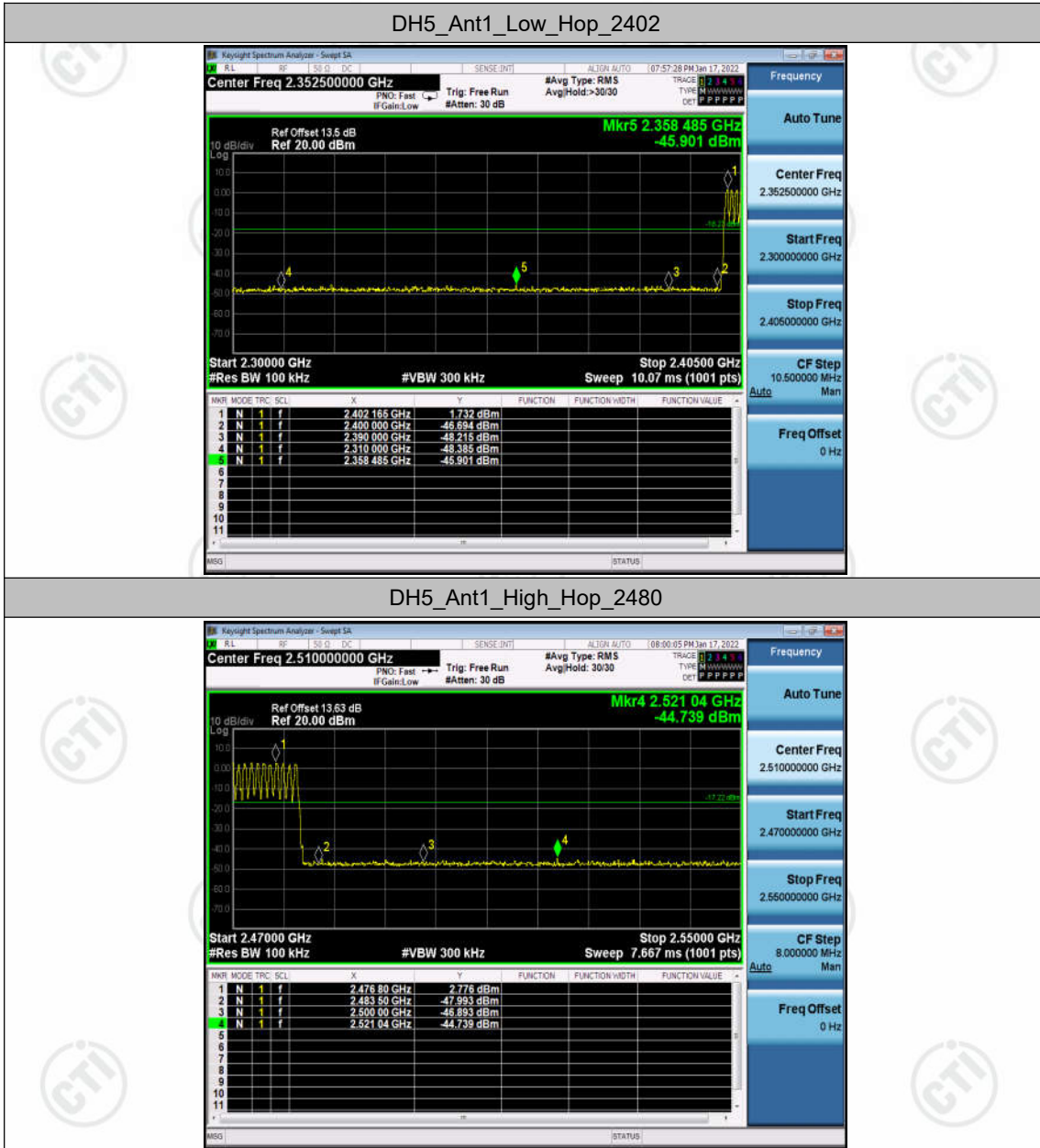
Appendix G:Band edge measurements

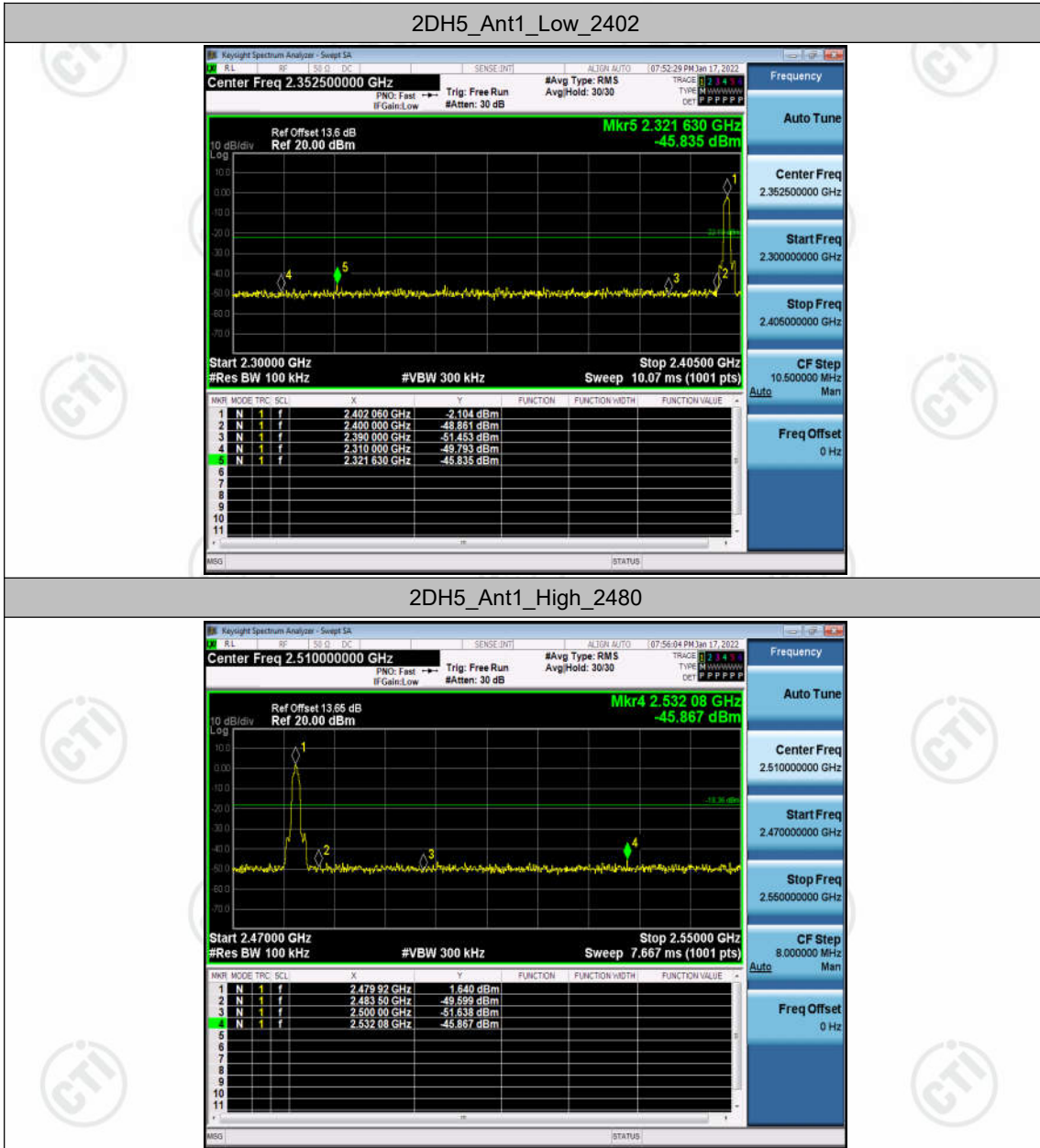
Test Result

Test Mode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.23	-46.52	<=-17.77	PASS
		High	2480	2.49	-46.44	<=-17.51	PASS
		Low	Hop_2402	1.73	-45.9	<=-18.27	PASS
		High	Hop_2480	2.78	-44.74	<=-17.22	PASS
2DH5	Ant1	Low	2402	-2.10	-45.84	<=-22.1	PASS
		High	2480	1.64	-45.87	<=-18.36	PASS
		Low	Hop_2402	-1.81	-45.4	<=-21.81	PASS
		High	Hop_2480	2.71	-44.57	<=-17.29	PASS

Test Graphs







2DH5_Ant1_High_2480

Frequency

Auto Tune

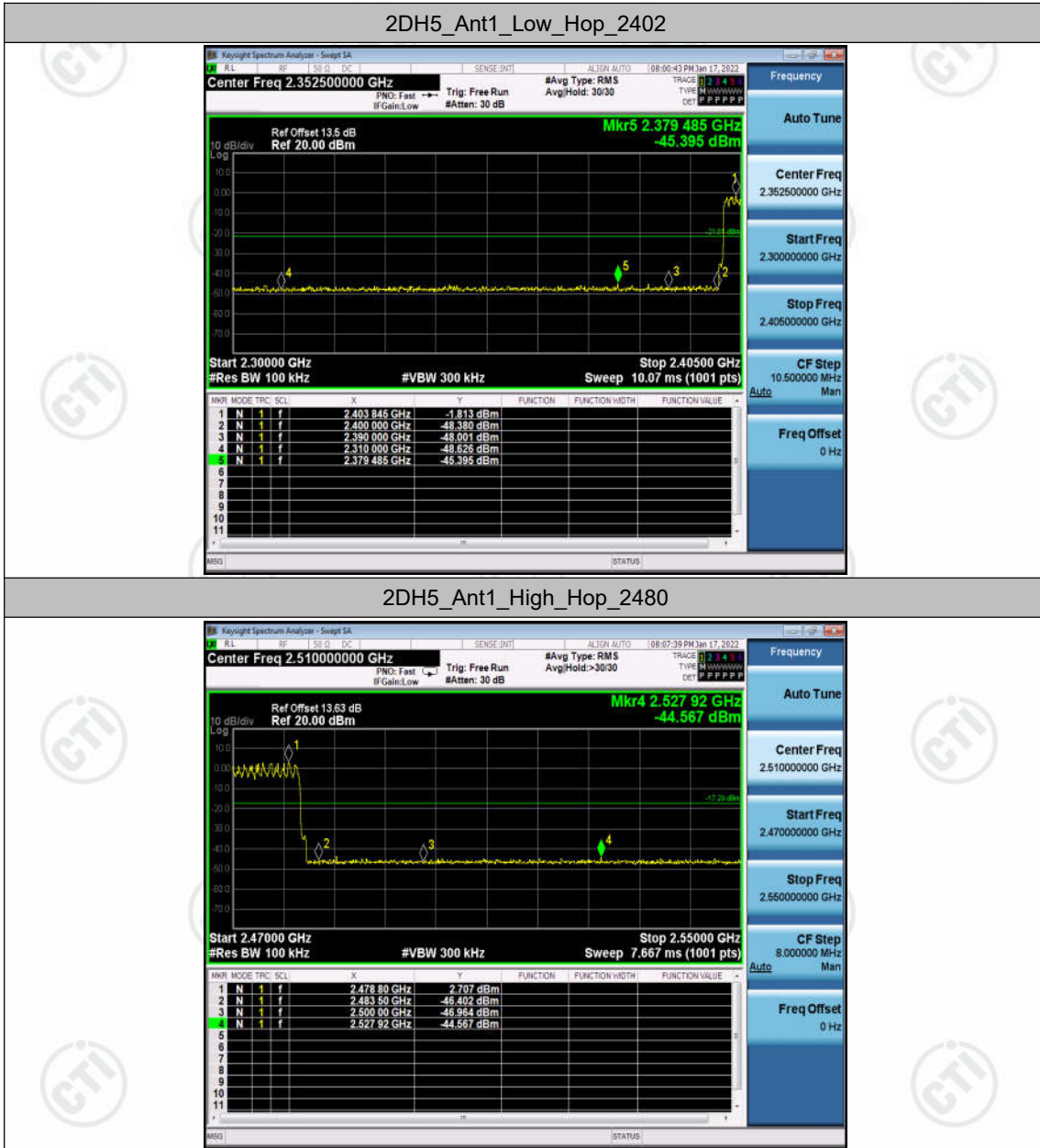
Center Freq 2.510000000 GHz

Start Freq 2.470000000 GHz

Stop Freq 2.550000000 GHz

CF Step 8.000000 MHz

Freq Offset 0 Hz

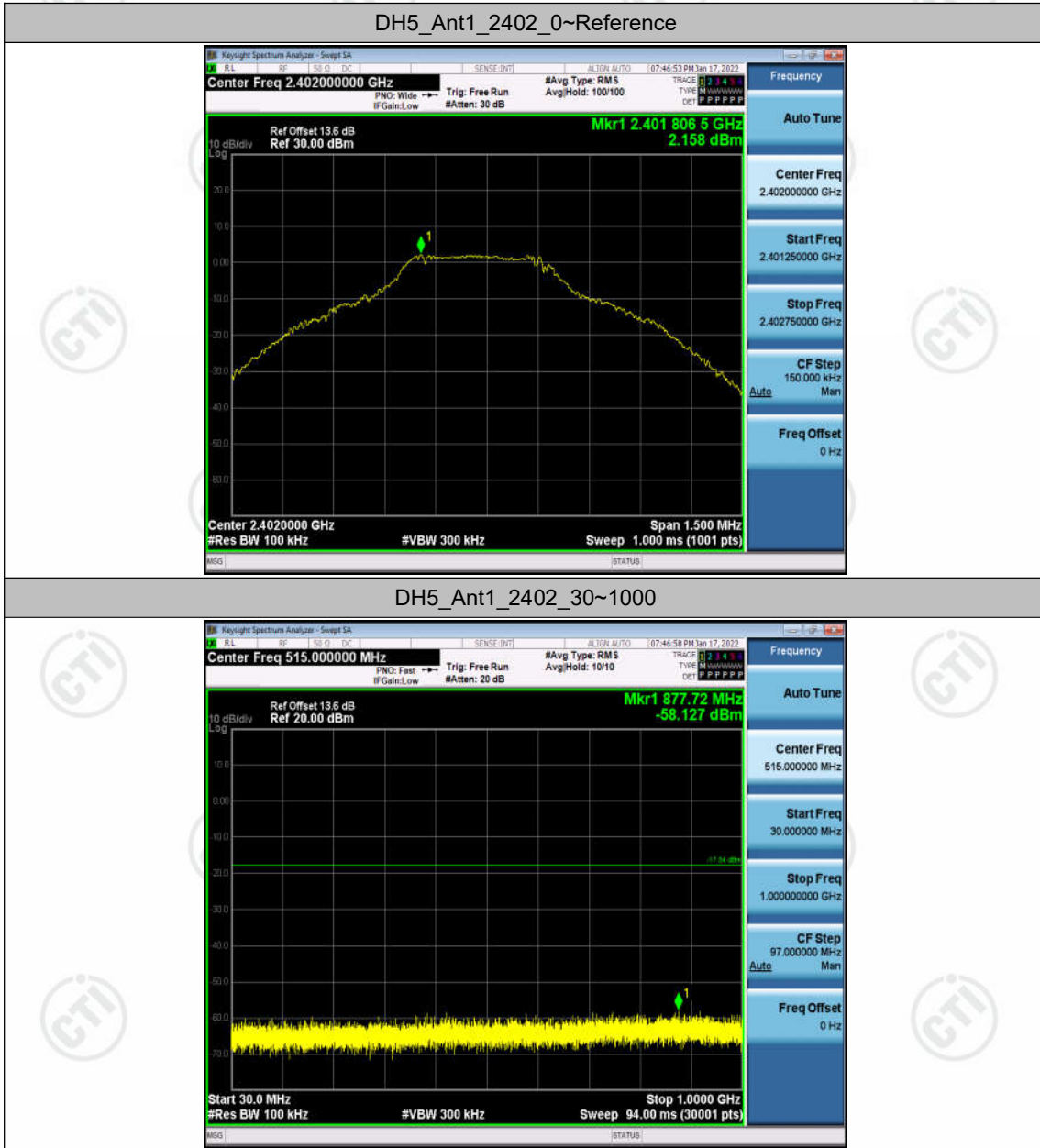


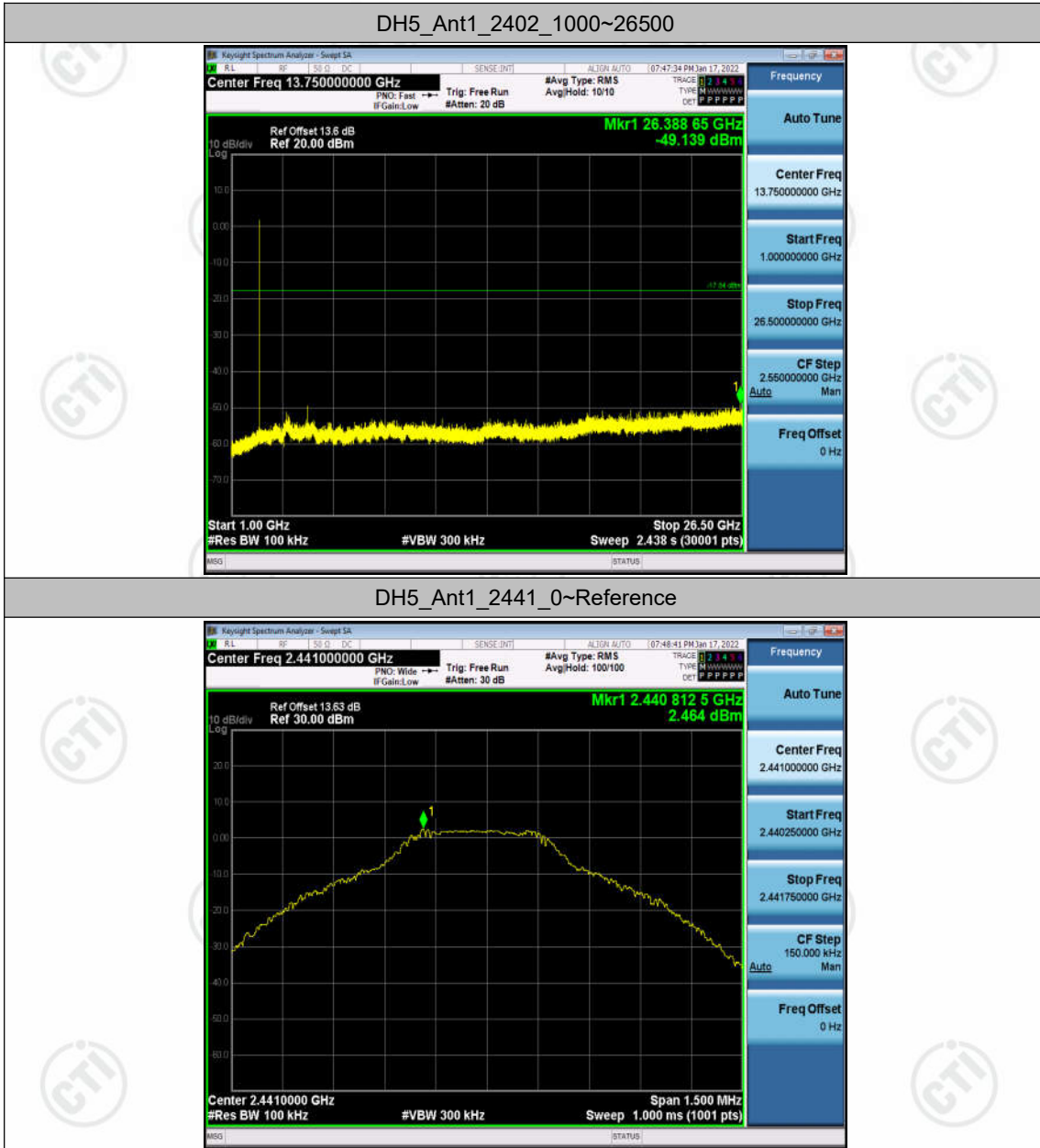
Appendix H: Conducted Spurious Emission

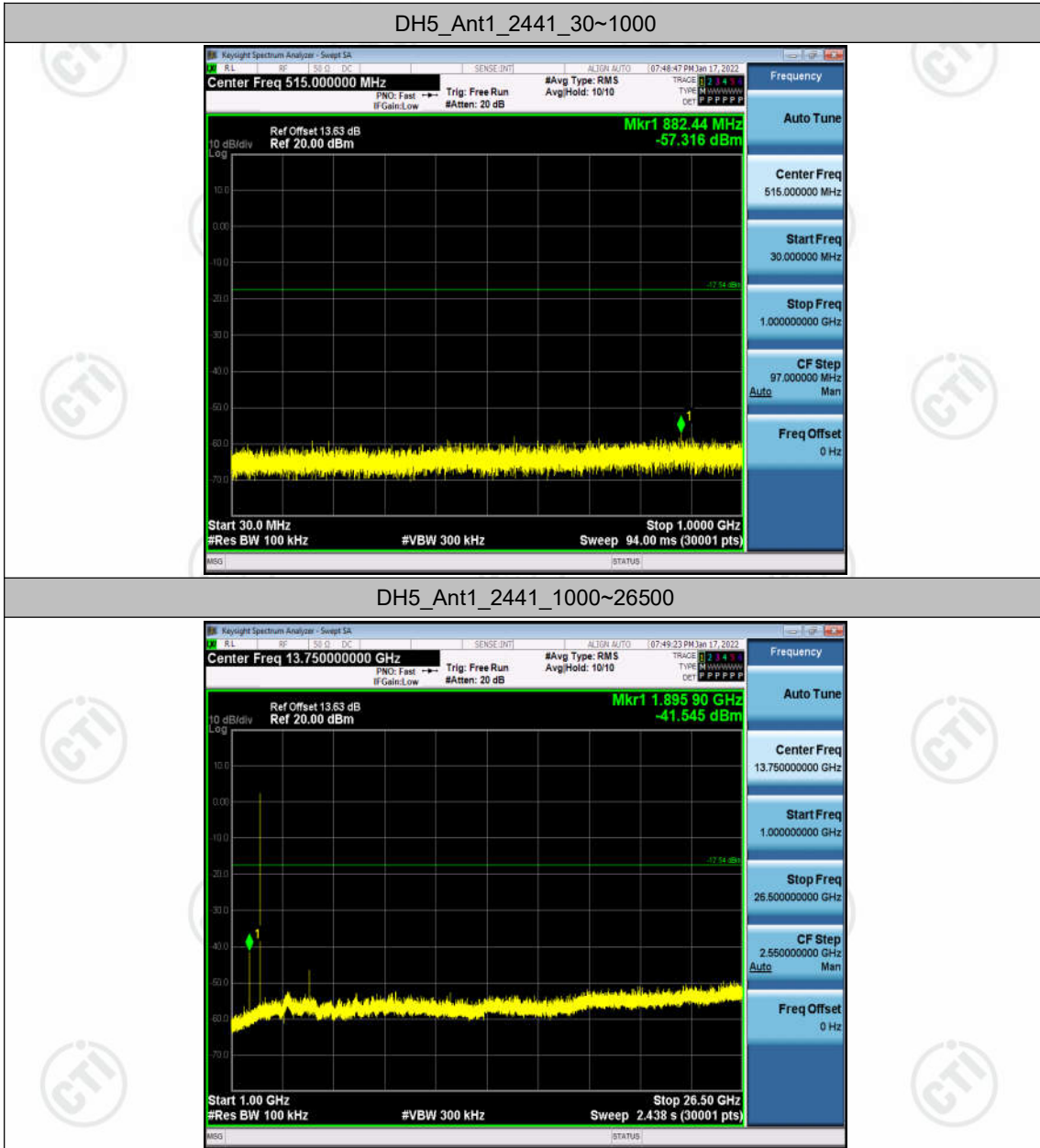
Test Result

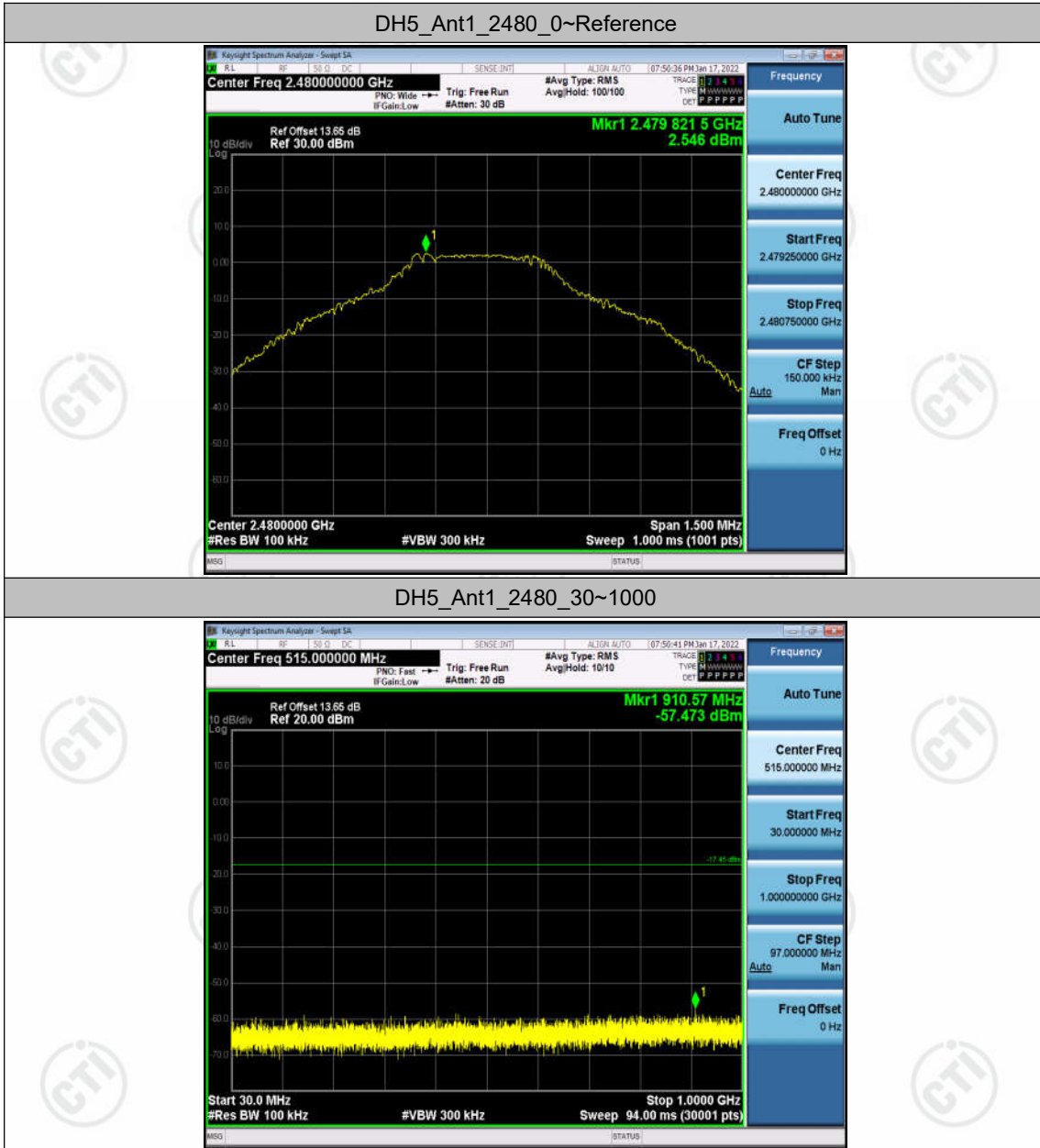
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.16	2.16	---	PASS
			30~1000	30~1000	-58.127	<=-17.842	PASS
			1000~26500	1000~26500	-49.139	<=-17.842	PASS
		2441	Reference	2.46	2.46	---	PASS
			30~1000	30~1000	-57.316	<=-17.536	PASS
			1000~26500	1000~26500	-41.545	<=-17.536	PASS
		2480	Reference	2.55	2.55	---	PASS
			30~1000	30~1000	-57.473	<=-17.454	PASS
			1000~26500	1000~26500	-44.726	<=-17.454	PASS
2DH5	Ant1	2402	Reference	1.51	1.51	---	PASS
			30~1000	30~1000	-54.625	<=-18.488	PASS
			1000~26500	1000~26500	-36.844	<=-18.488	PASS
		2441	Reference	2.34	2.34	---	PASS
			30~1000	30~1000	-48.334	<=-17.657	PASS
			1000~26500	1000~26500	-49.687	<=-17.657	PASS
		2480	Reference	2.11	2.11	---	PASS
			30~1000	30~1000	-44.213	<=-17.891	PASS
			1000~26500	1000~26500	-45.958	<=-17.891	PASS

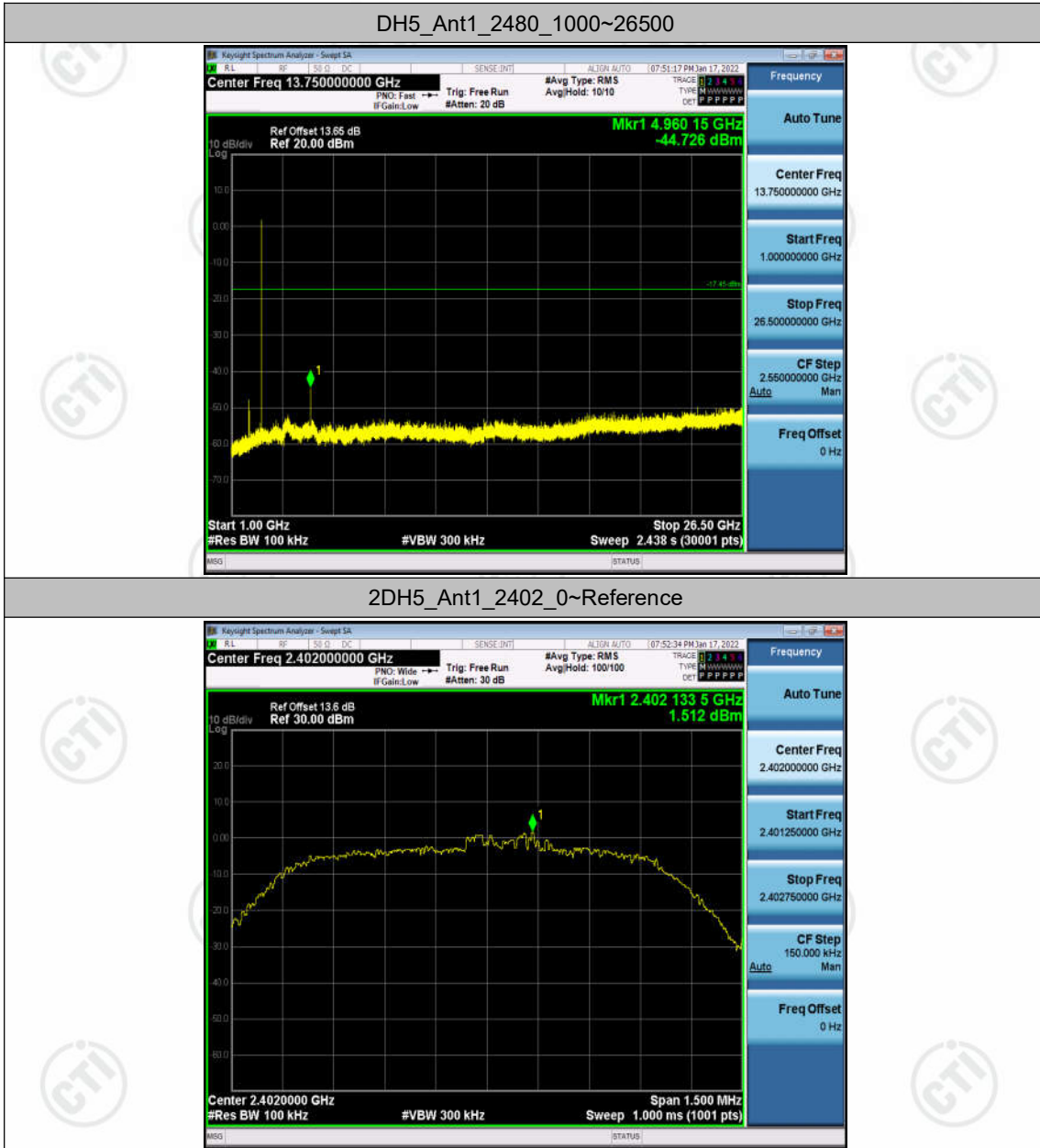
Test Graphs

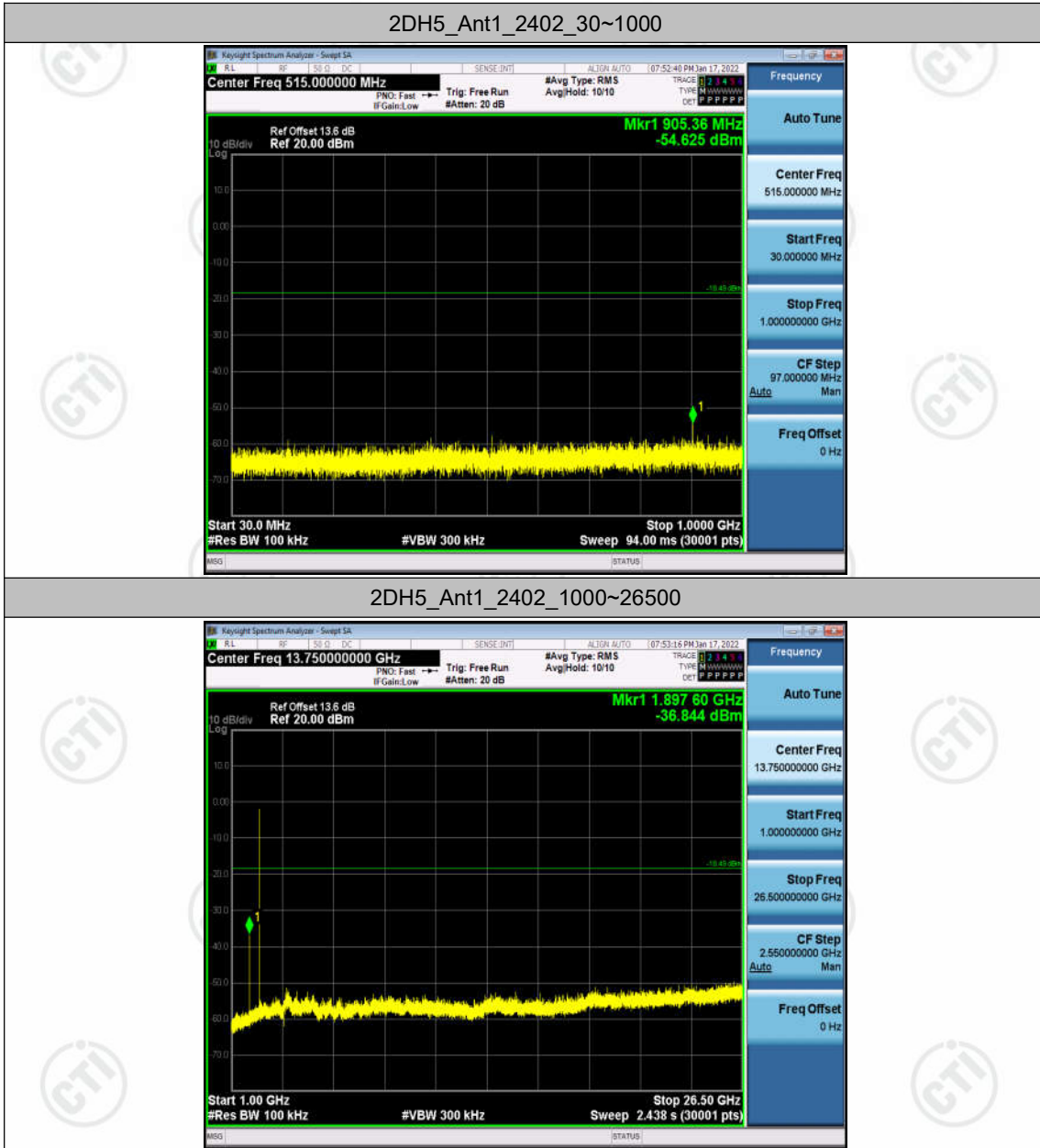


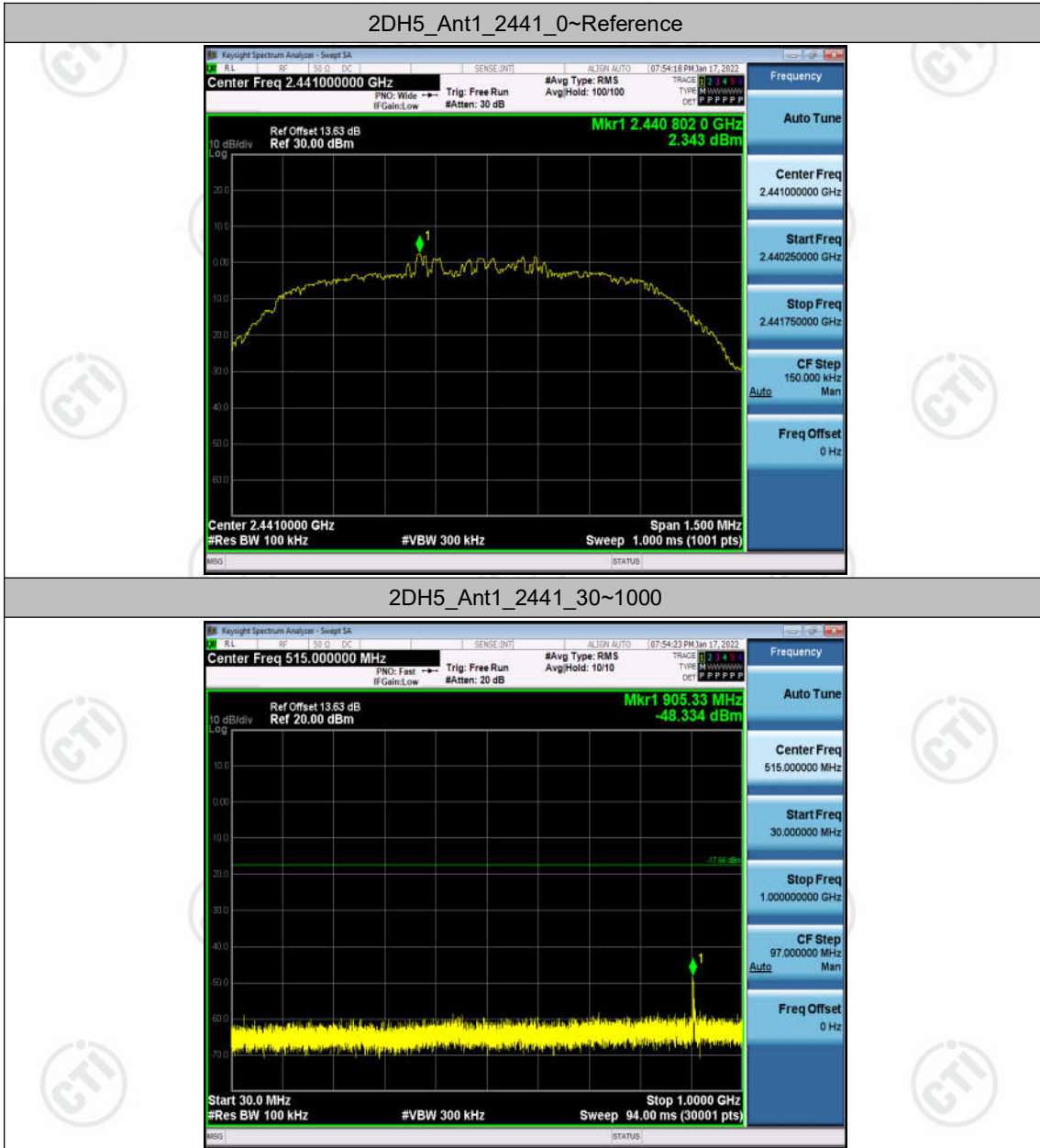


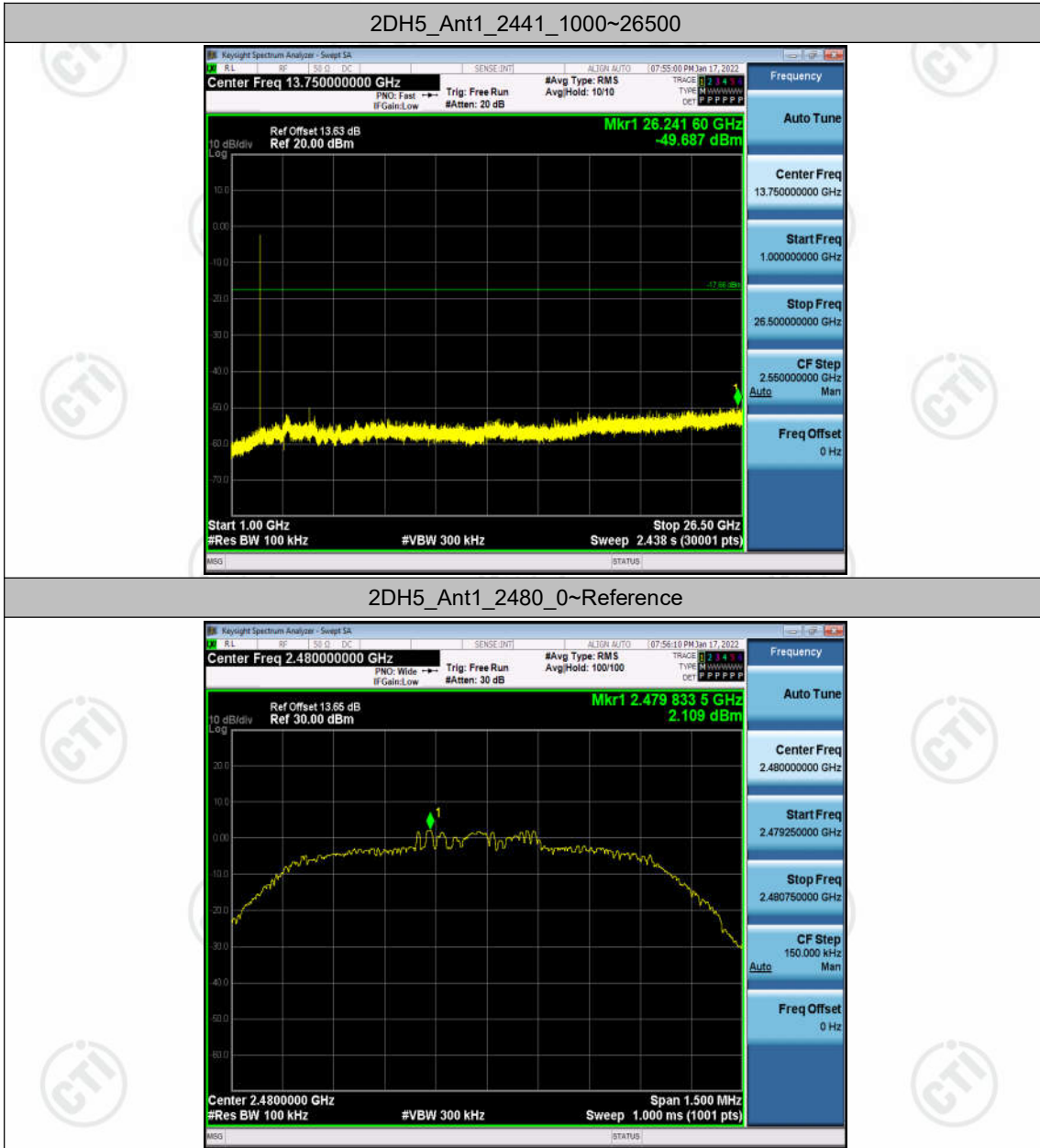


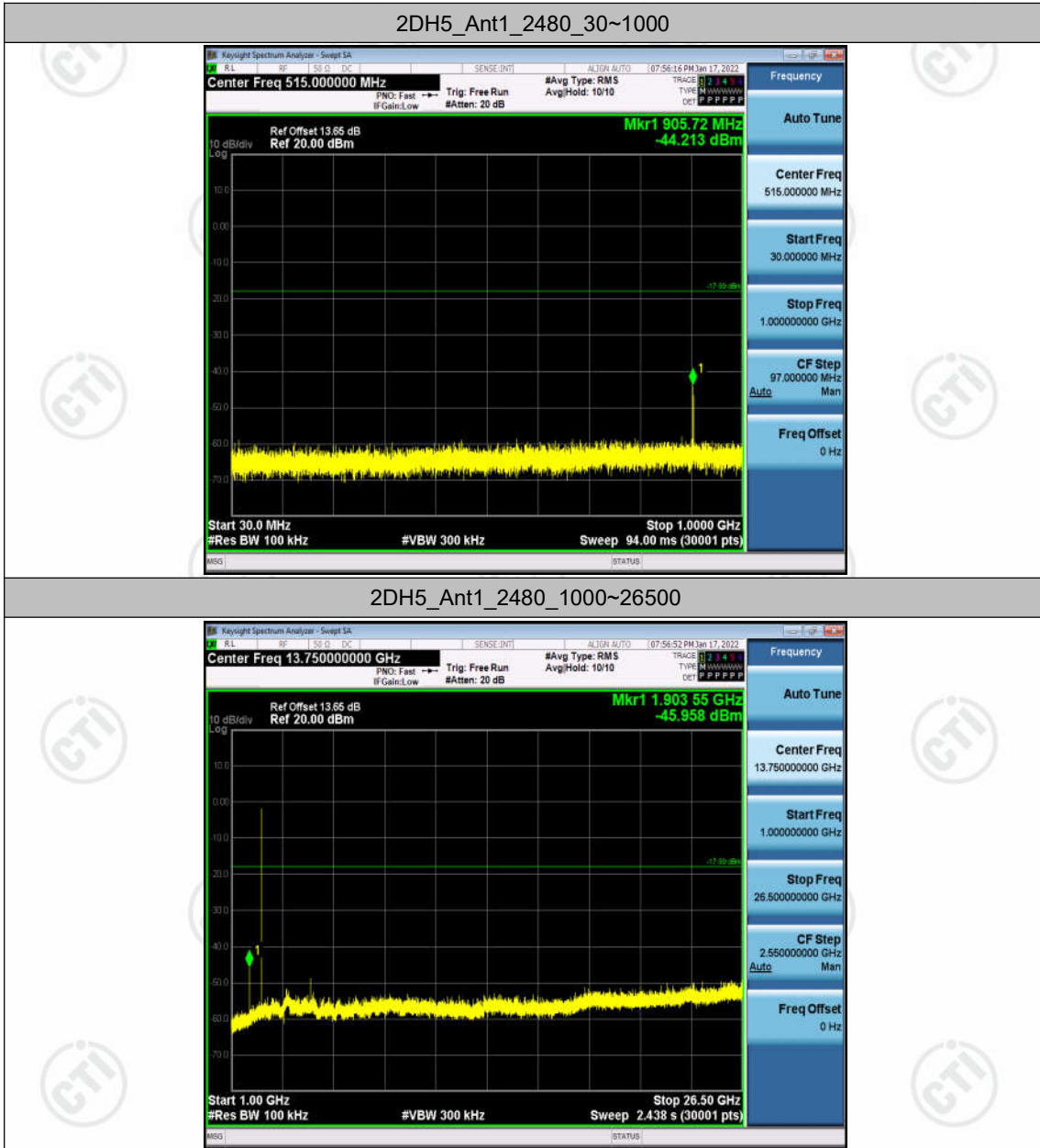








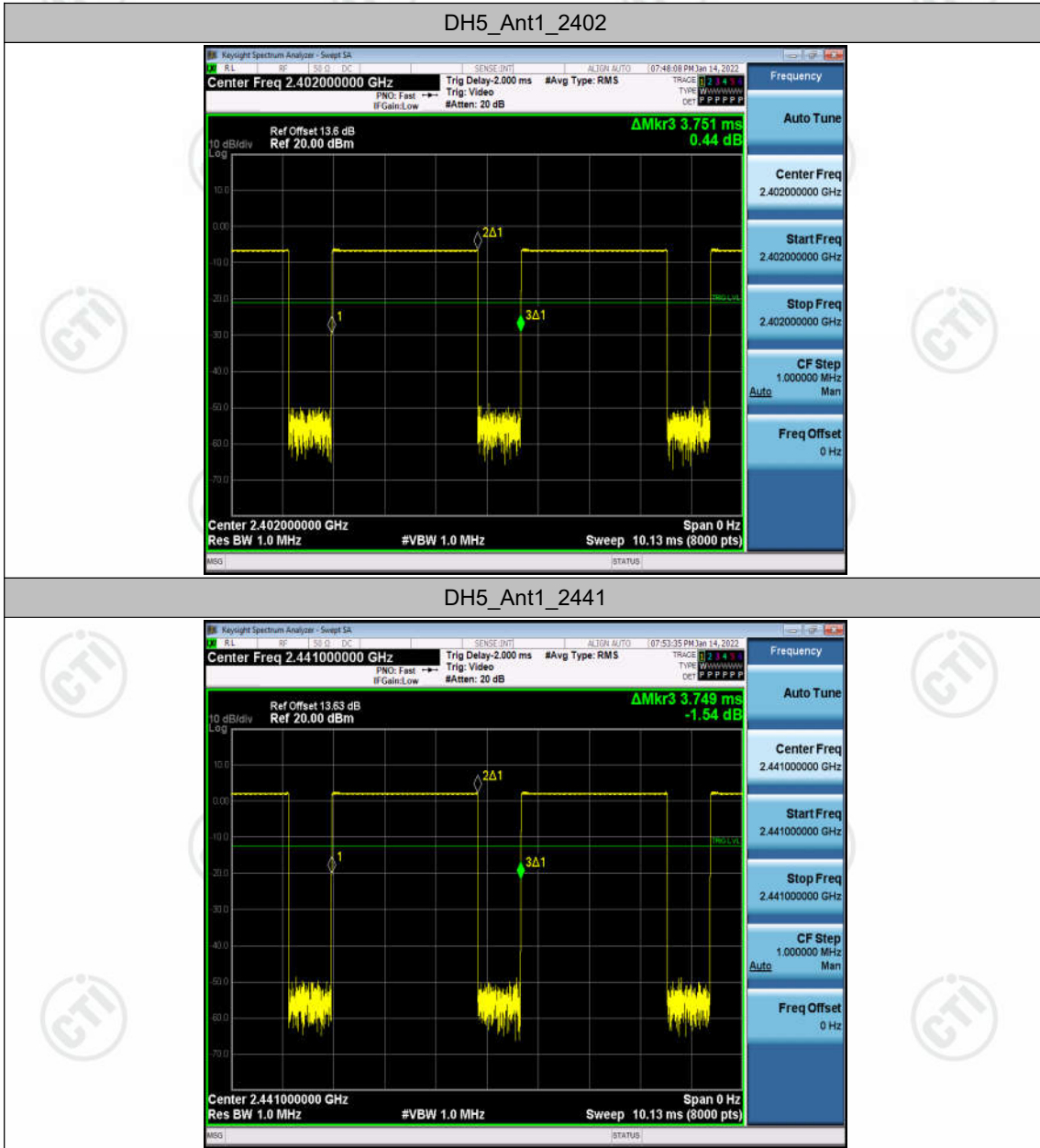


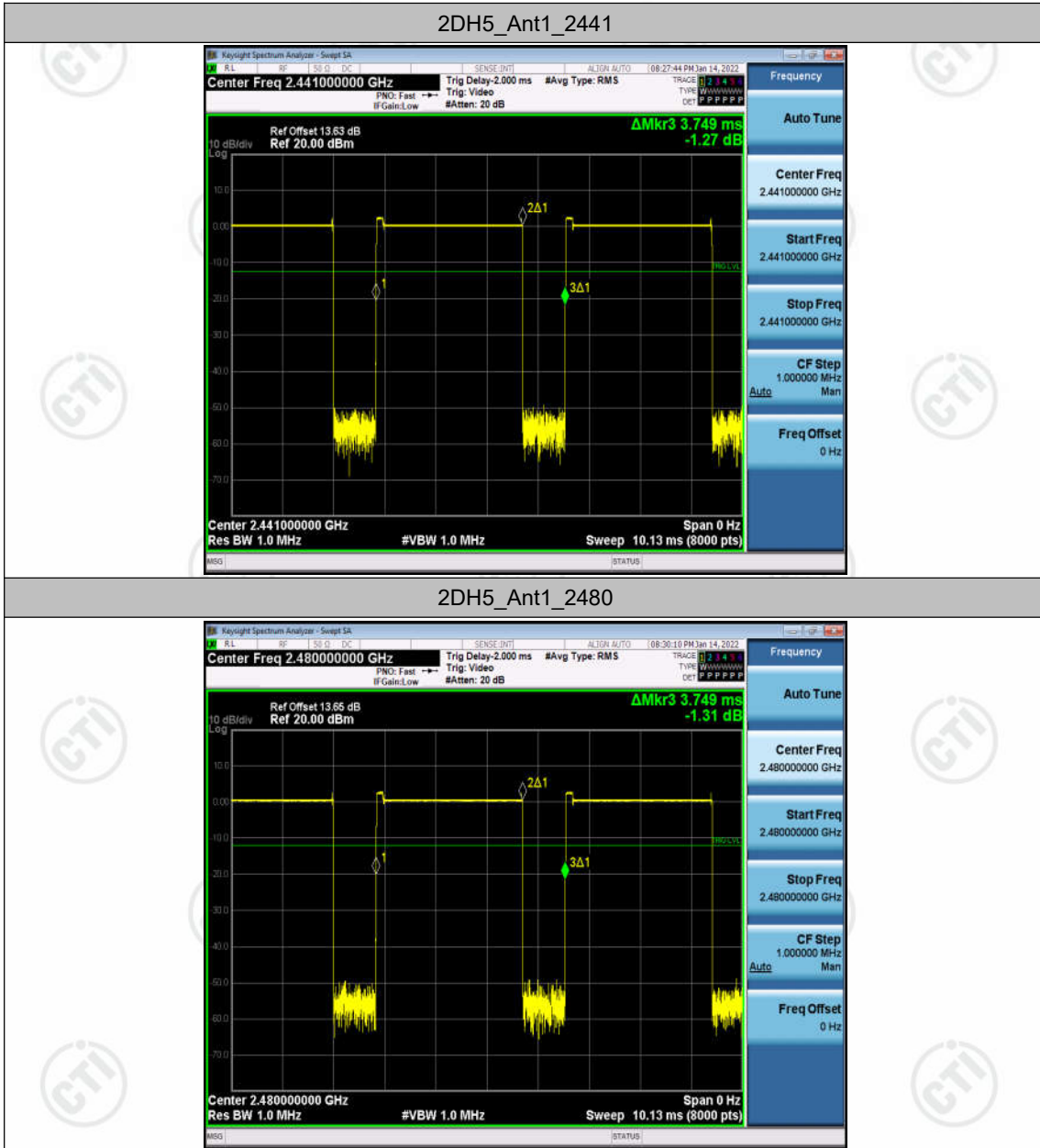


Appendix I: Duty Cycle**Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.90	3.75	77.27	---	PASS
		2441	2.90	3.75	77.30	---	PASS
		2480	2.90	3.75	77.30	---	PASS
2DH5	Ant1	2402	2.90	3.75	77.44	---	PASS
		2441	2.90	3.75	77.47	---	PASS
		2480	2.90	3.75	77.47	---	PASS

Test Graphs





*** End of Report ***