

Appendix:Bluetooth Classic

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AppendixA: 20dB Emission Bandwidth

Test Result

Left ear:

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.505	2402.459	---	PASS
		2441	0.945	2440.511	2441.456	---	PASS
		2480	0.951	2479.508	2480.459	---	PASS
2DH5	Ant1	2402	1.335	2401.307	2402.642	---	PASS
		2441	1.338	2440.304	2441.642	---	PASS
		2480	1.335	2479.307	2480.642	---	PASS
3DH5	Ant1	2402	1.338	2401.298	2402.636	---	PASS
		2441	1.329	2440.301	2441.630	---	PASS
		2480	1.335	2479.298	2480.633	---	PASS

Right ear:

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.514	2402.456	---	PASS
		2441	0.945	2440.511	2441.456	---	PASS
		2480	0.942	2479.511	2480.453	---	PASS
2DH5	Ant1	2402	1.341	2401.307	2402.648	---	PASS
		2441	1.344	2440.310	2441.654	---	PASS
		2480	1.341	2479.307	2480.648	---	PASS
3DH5	Ant1	2402	1.329	2401.301	2402.630	---	PASS
		2441	1.338	2440.301	2441.639	---	PASS
		2480	1.329	2479.301	2480.630	---	PASS

Test Graphs

Left ear:





2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402

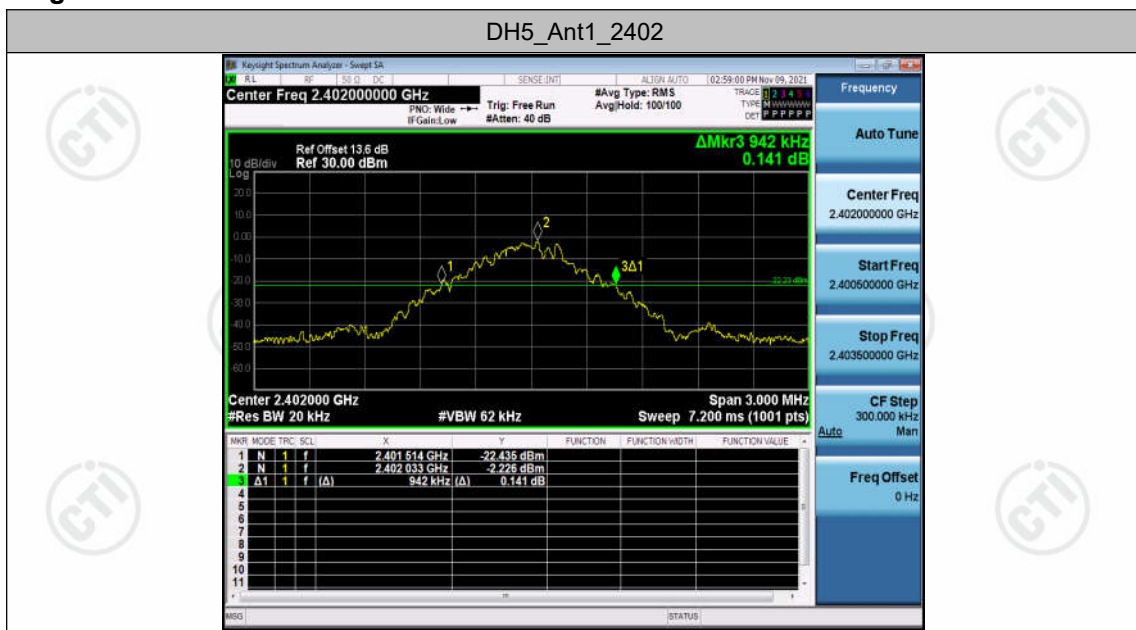


3DH5_Ant1_2441



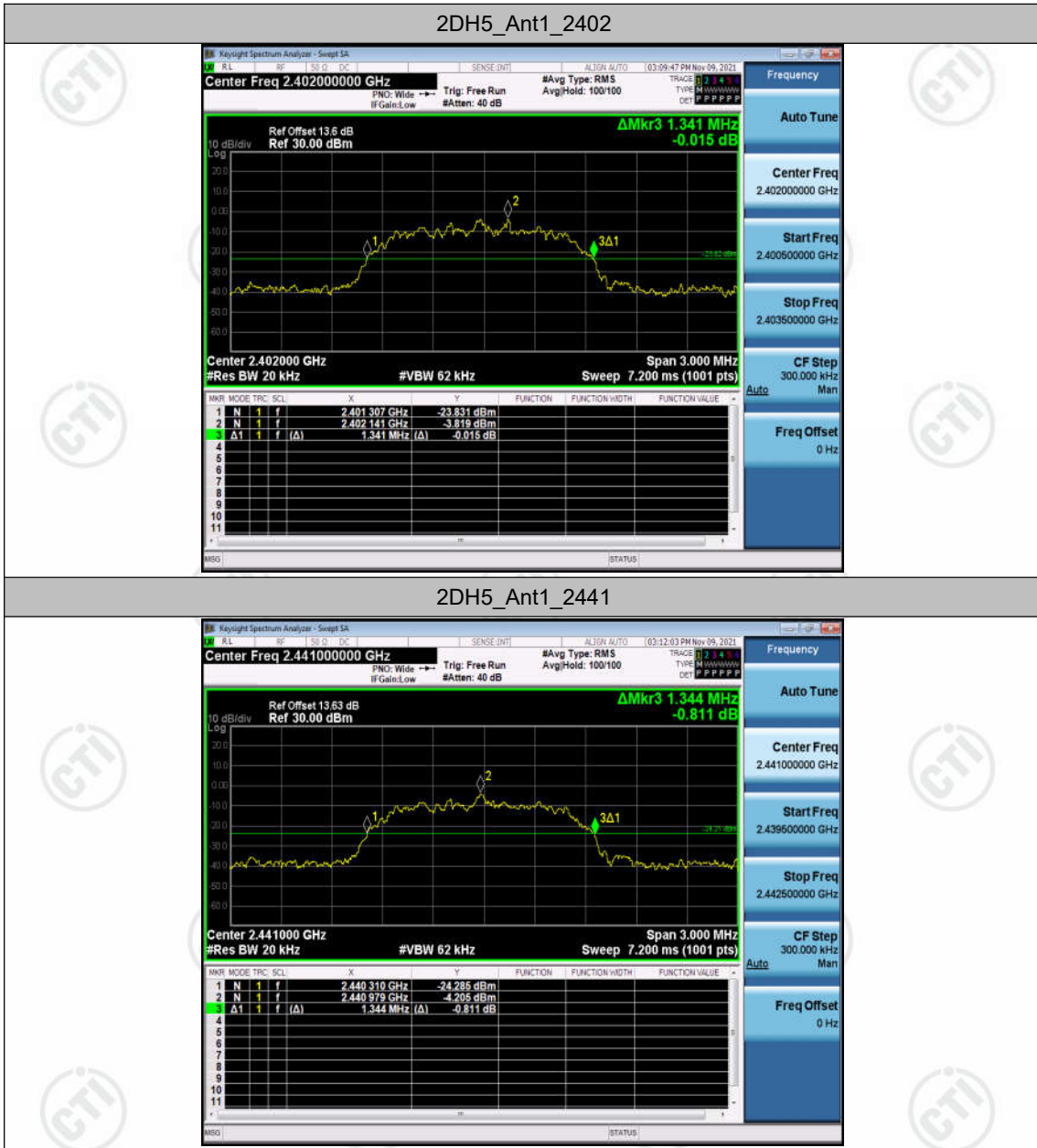


Right ear:

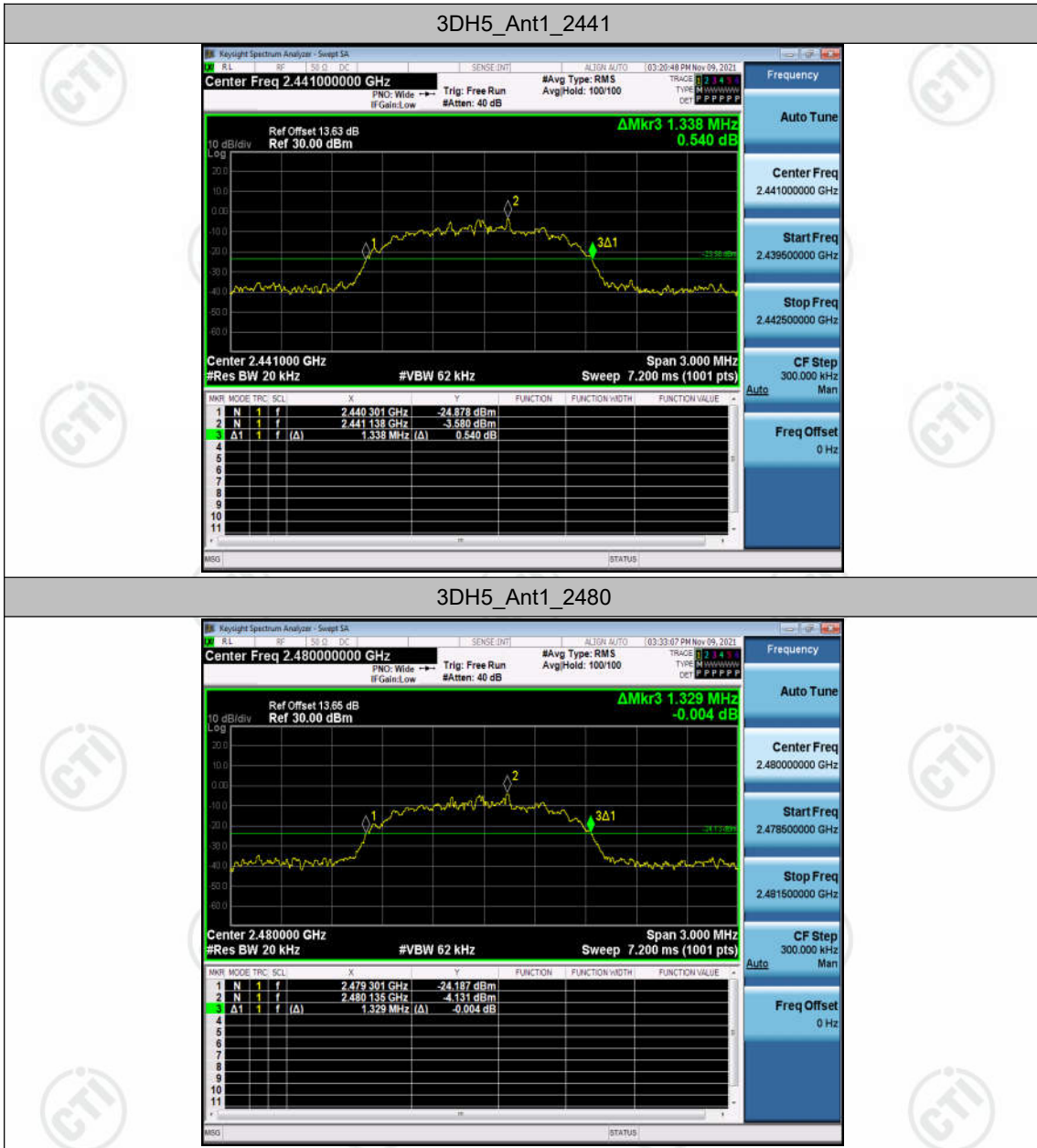




DH5_Ant1_2480







AppendixB: Occupied Channel Bandwidth

Test Result

Left ear:

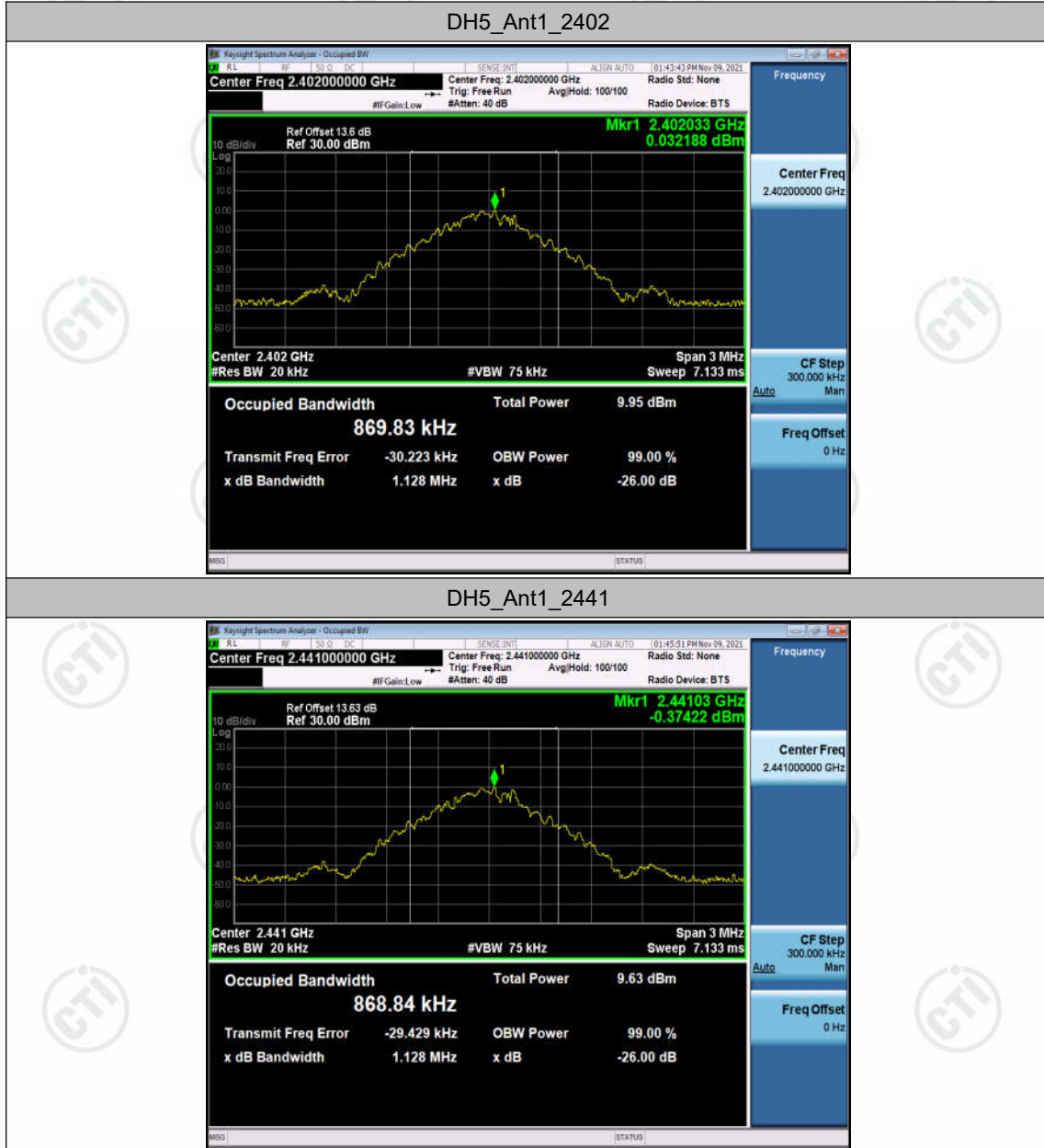
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86983	2401.535	2402.405	---	PASS
		2441	0.86884	2440.536	2441.405	---	PASS
		2480	0.86679	2479.535	2480.402	---	PASS
2DH5	Ant1	2402	1.2407	2401.337	2402.578	---	PASS
		2441	1.2455	2440.334	2441.579	---	PASS
		2480	1.2506	2479.333	2480.583	---	PASS
3DH5	Ant1	2402	1.2253	2401.346	2402.571	---	PASS
		2441	1.2322	2440.341	2441.573	---	PASS
		2480	1.2259	2479.345	2480.570	---	PASS

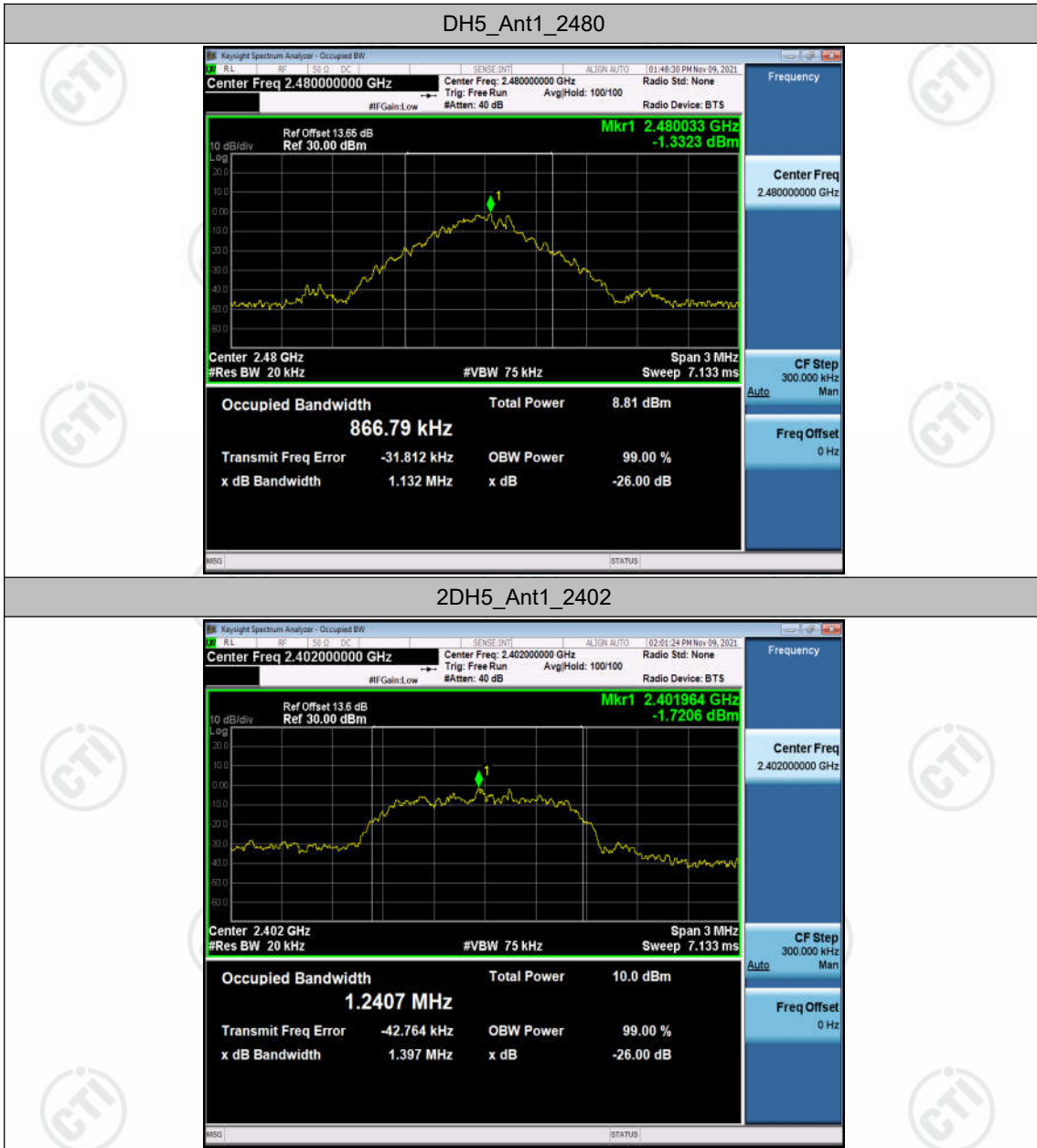
Right ear:

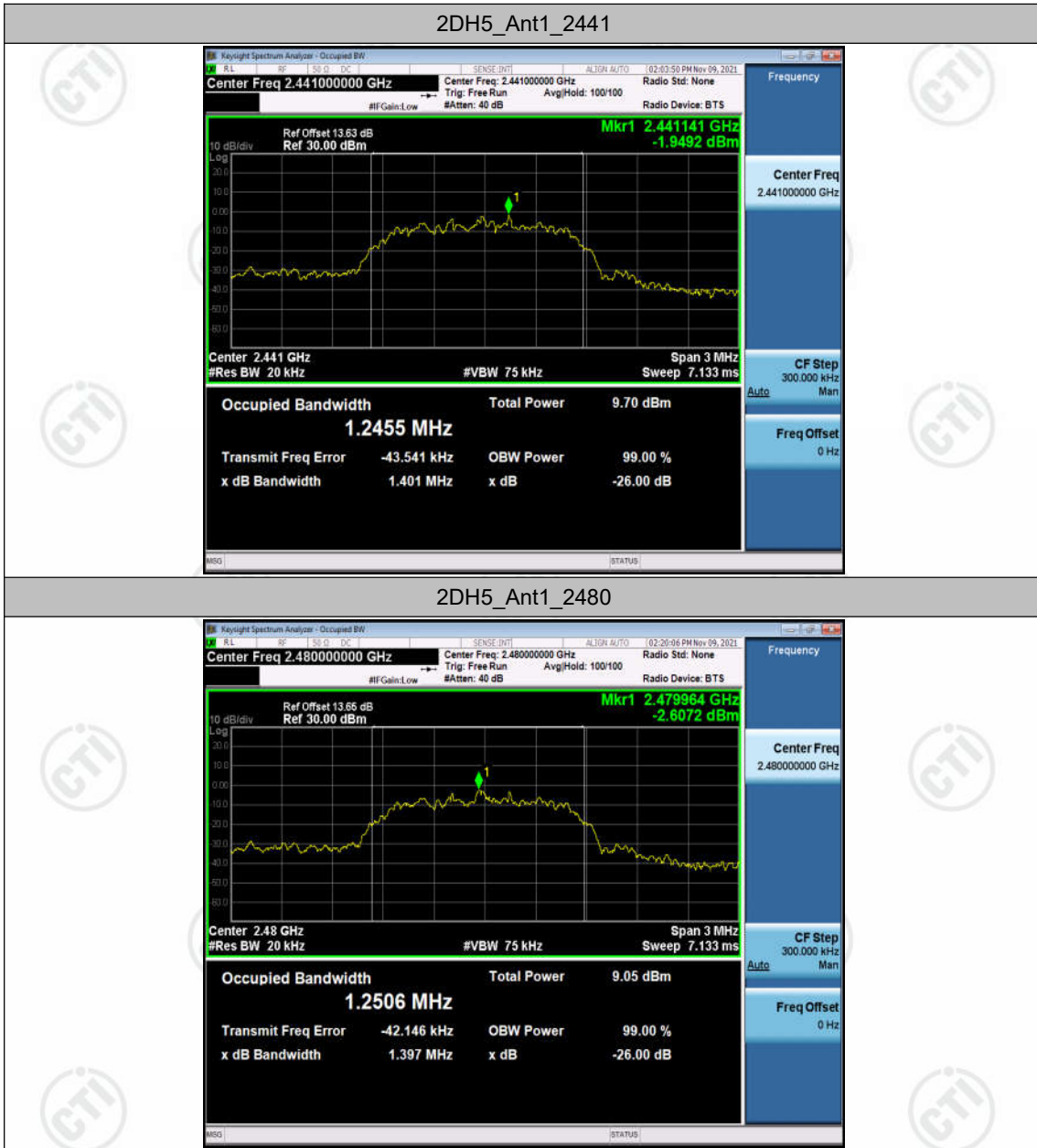
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86943	2401.537	2402.406	---	PASS
		2441	0.86654	2440.537	2441.404	---	PASS
		2480	0.86800	2479.536	2480.404	---	PASS
2DH5	Ant1	2402	1.2314	2401.361	2402.593	---	PASS
		2441	1.2257	2440.361	2441.587	---	PASS
		2480	1.2311	2479.360	2480.591	---	PASS
3DH5	Ant1	2402	1.2209	2401.355	2402.576	---	PASS
		2441	1.2258	2440.353	2441.579	---	PASS
		2480	1.2264	2479.353	2480.580	---	PASS

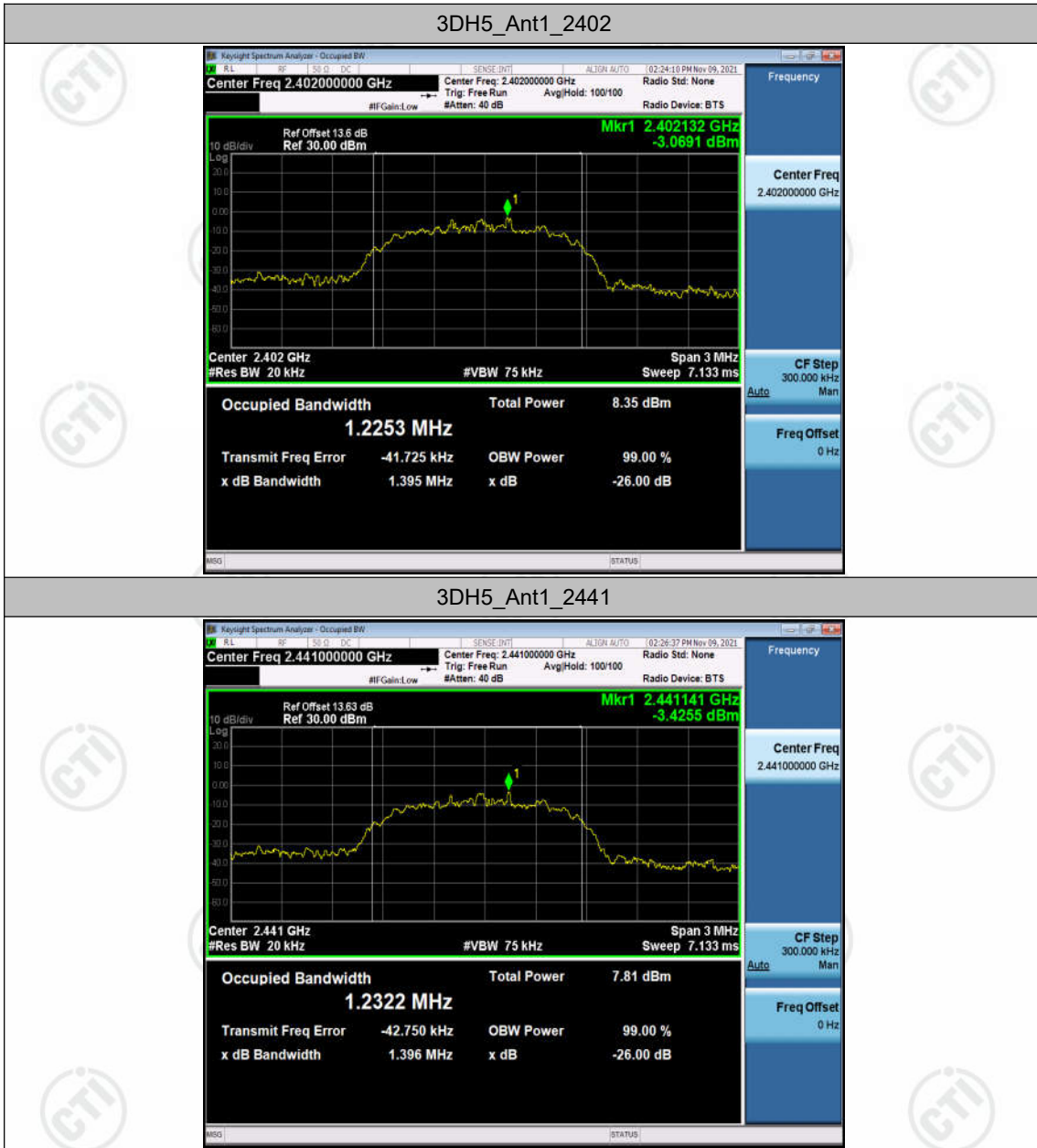
Test Graphs

Left ear:



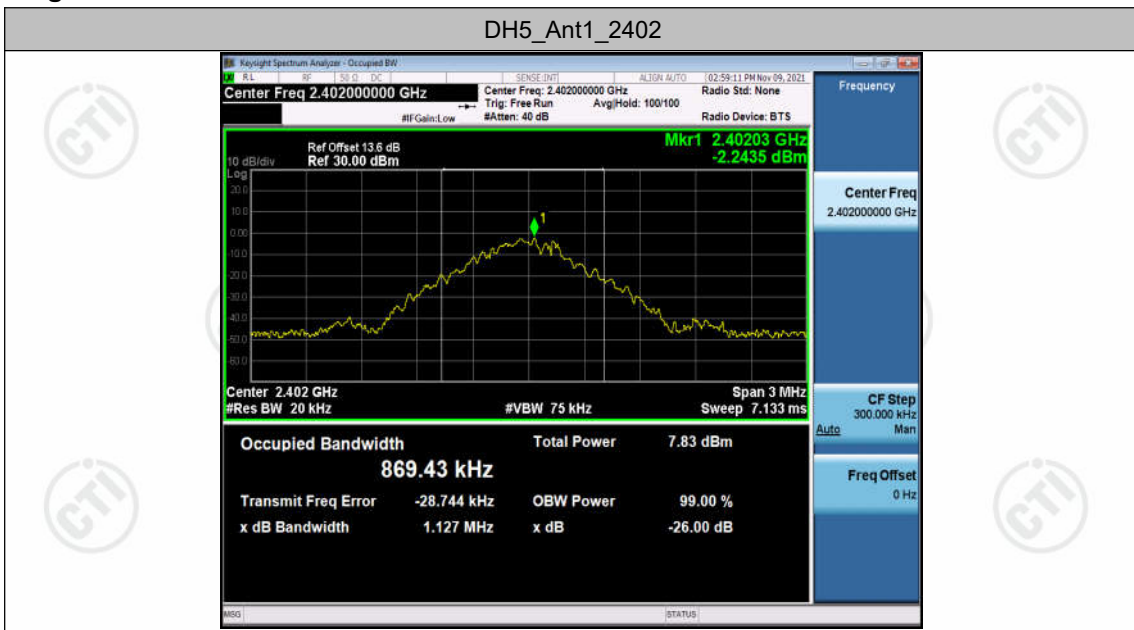




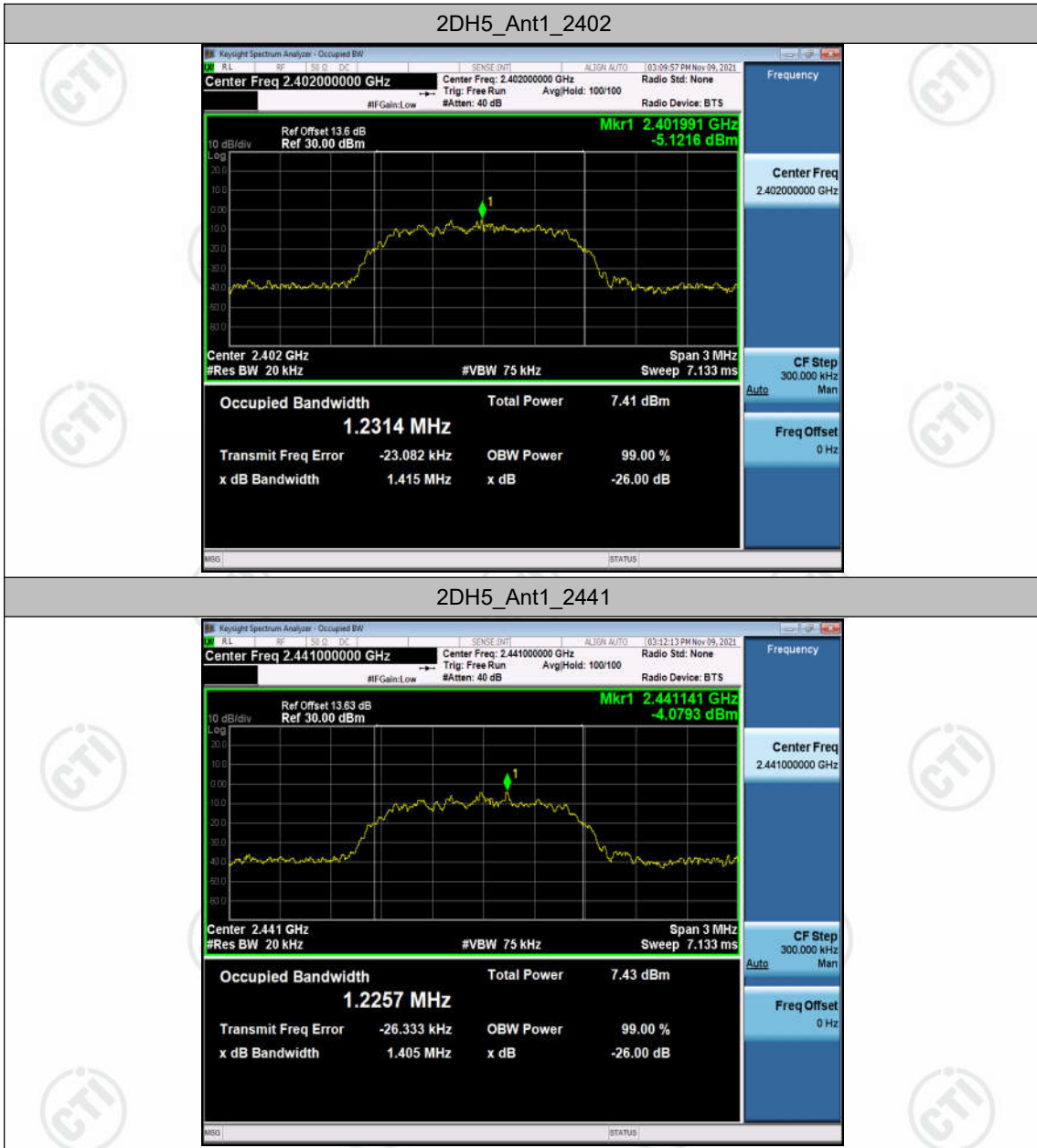


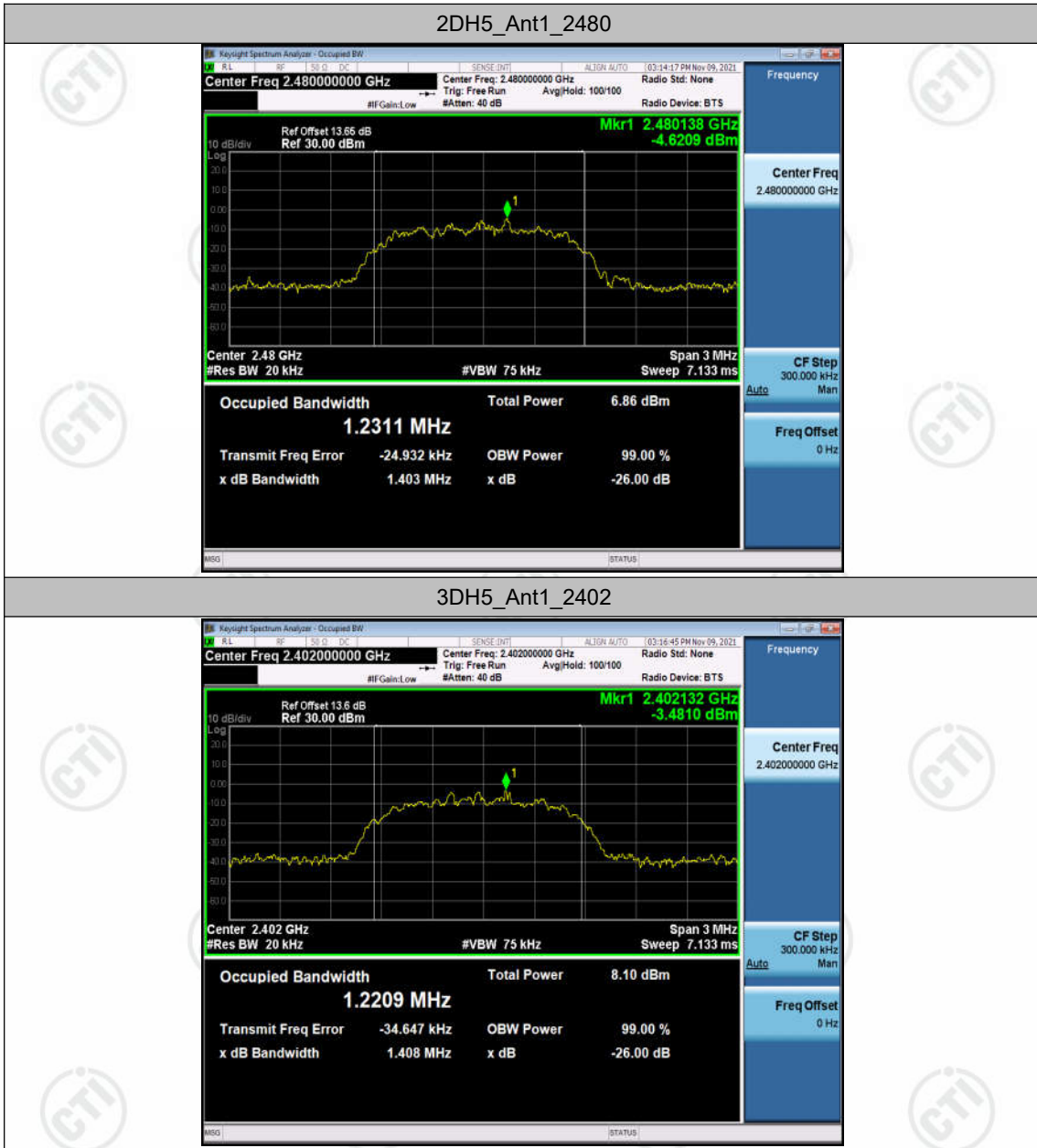


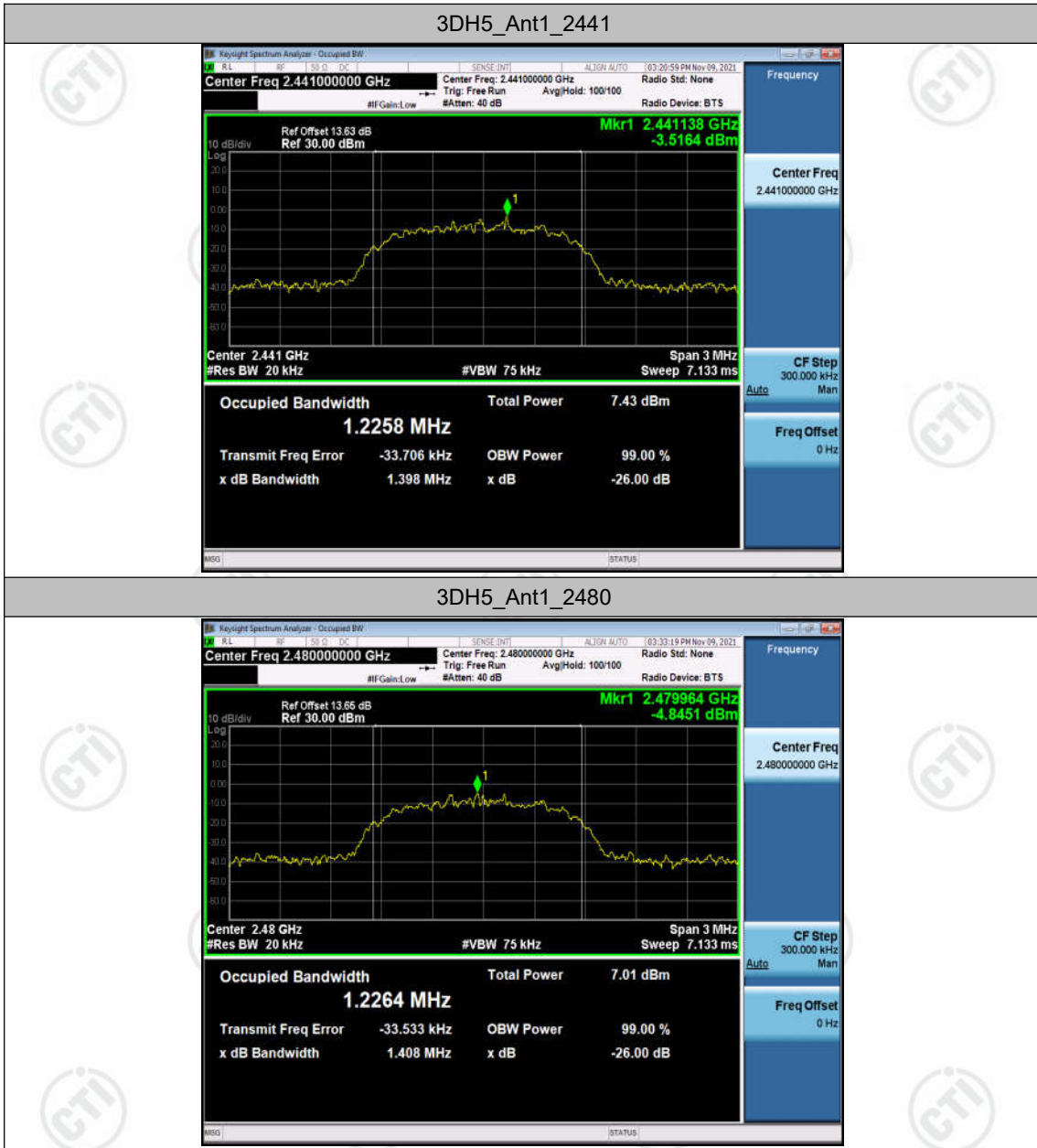
Right ear:











AppendixC: Maximum conducted output power

Test Result

Left ear:

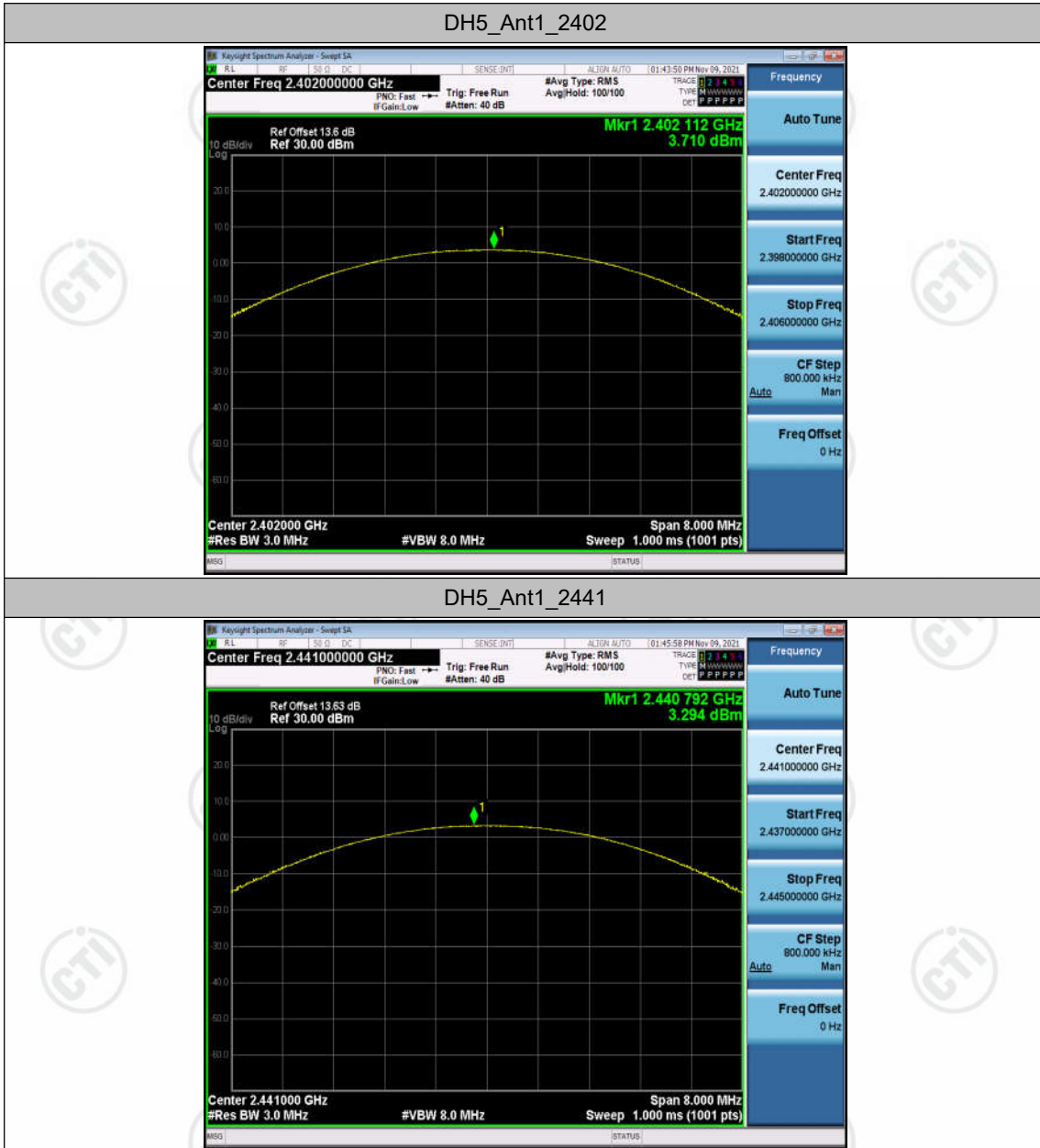
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	3.71	<=20.97	PASS
		2441	3.29	<=20.97	PASS
		2480	2.56	<=20.97	PASS
2DH5	Ant1	2402	3.05	<=20.97	PASS
		2441	2.64	<=20.97	PASS
		2480	2.01	<=20.97	PASS
3DH5	Ant1	2402	3.28	<=20.97	PASS
		2441	2.87	<=20.97	PASS
		2480	2.36	<=20.97	PASS

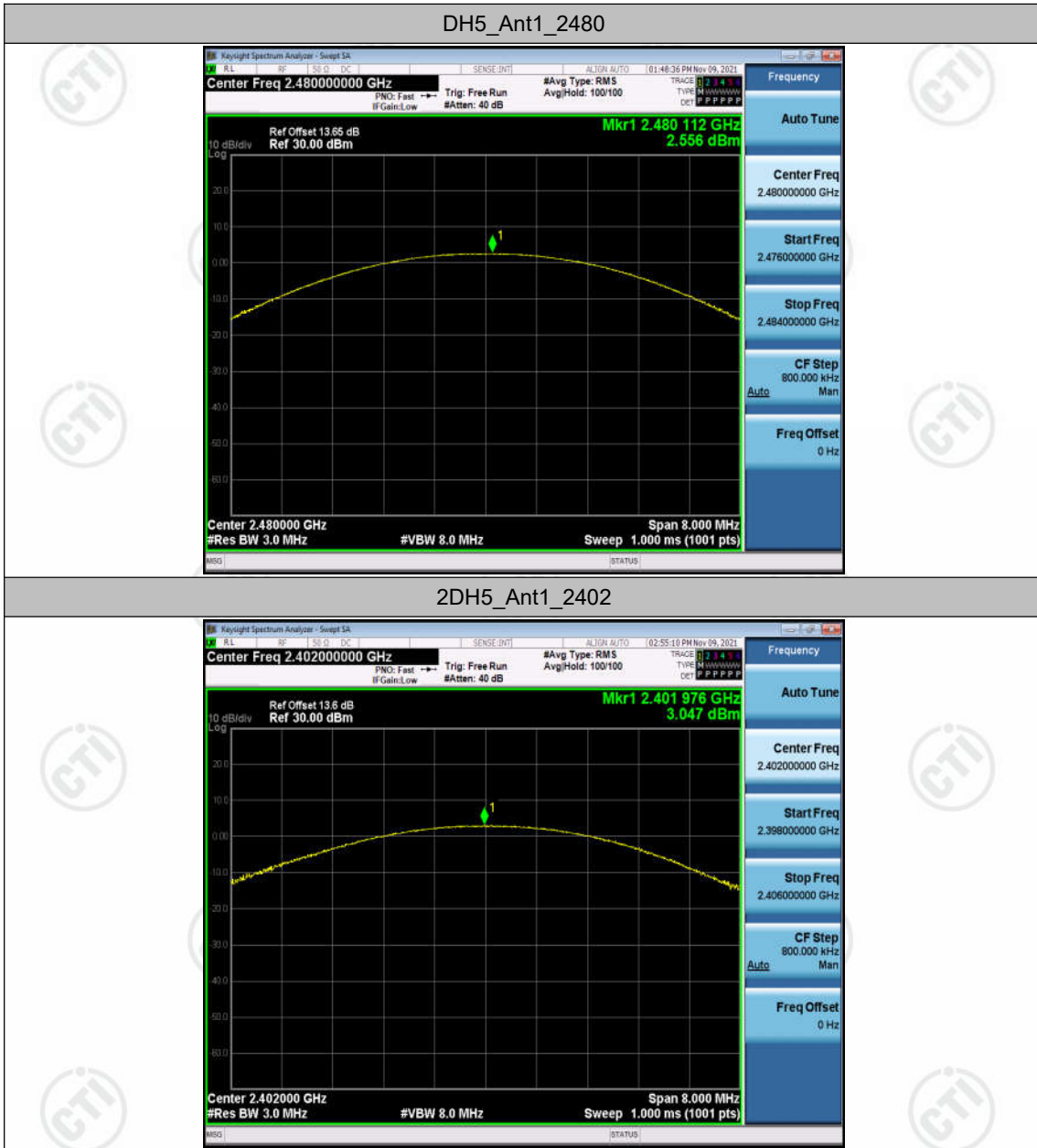
Right ear:

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	3.54	<=20.97	PASS
		2441	3.25	<=20.97	PASS
		2480	2.72	<=20.97	PASS
2DH5	Ant1	2402	2.99	<=20.97	PASS
		2441	2.54	<=20.97	PASS
		2480	2.07	<=20.97	PASS
3DH5	Ant1	2402	3.25	<=20.97	PASS
		2441	3.05	<=20.97	PASS
		2480	2.29	<=20.97	PASS

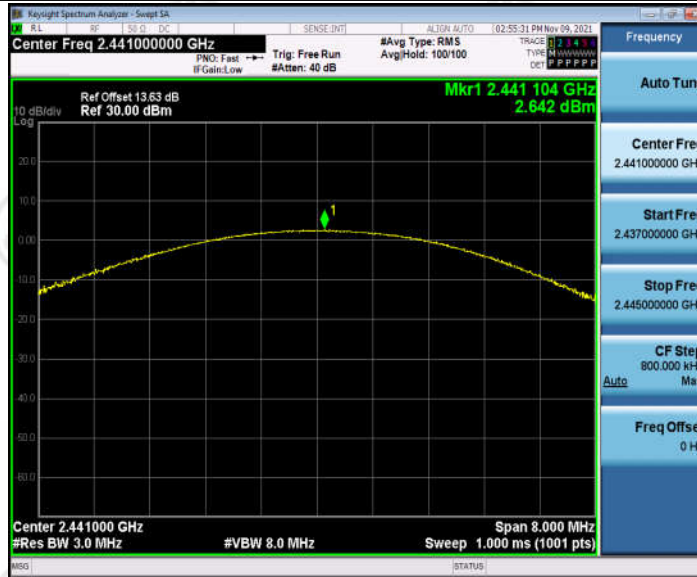
Test Graphs

Left ear:





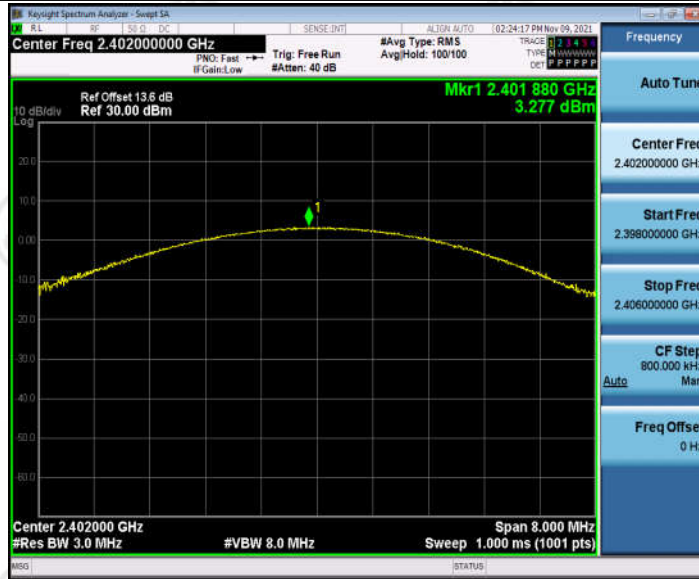
2DH5_Ant1_2441



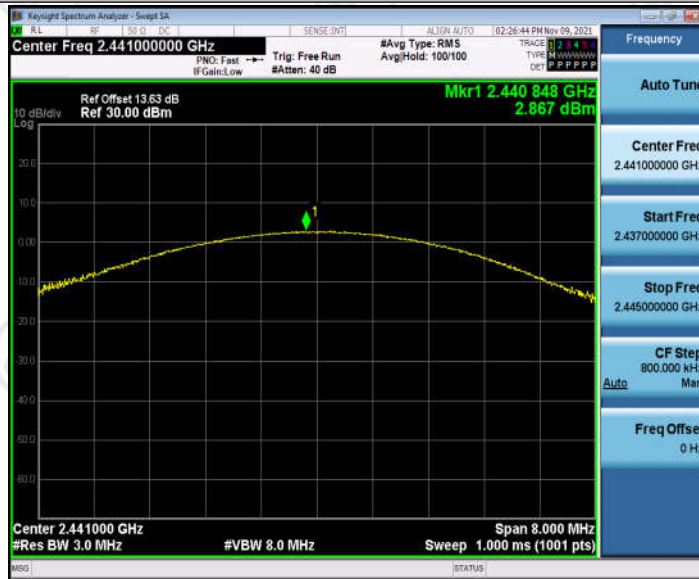
2DH5_Ant1_2480



3DH5_Ant1_2402

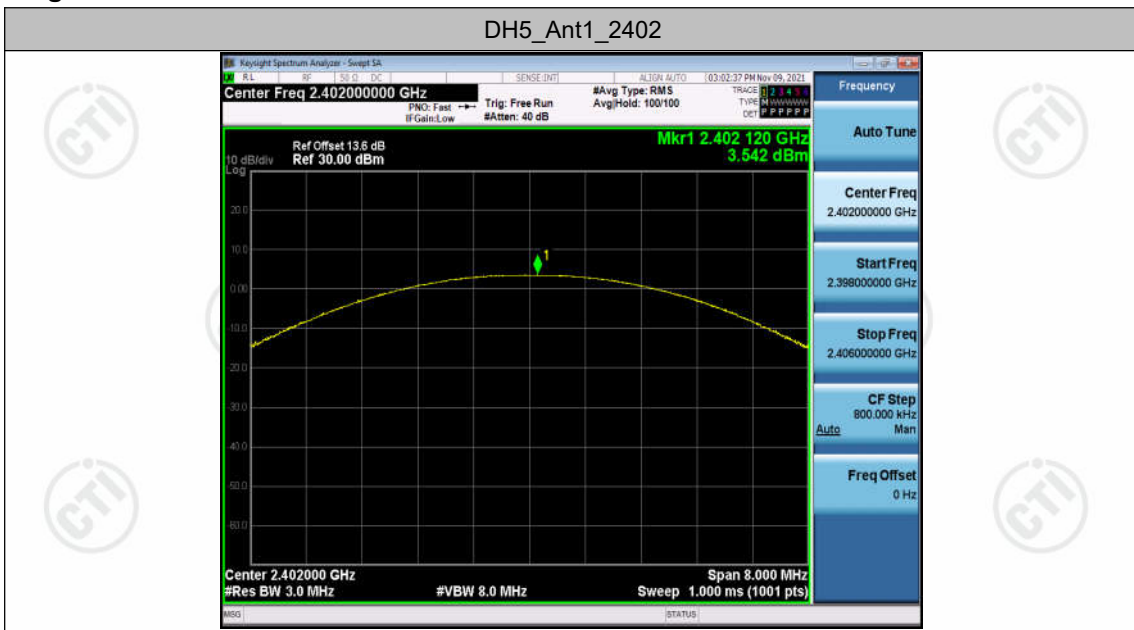


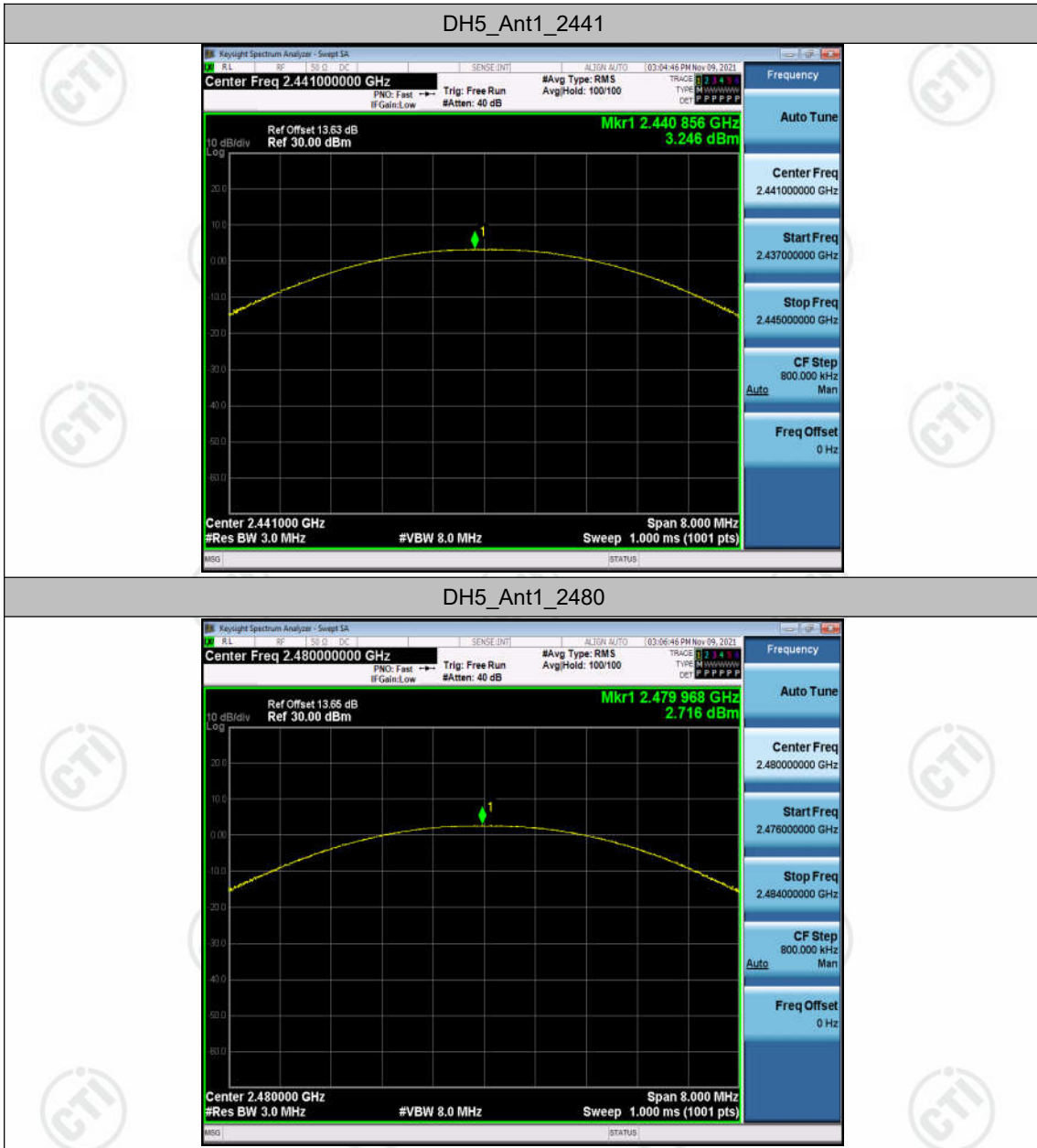
3DH5_Ant1_2441

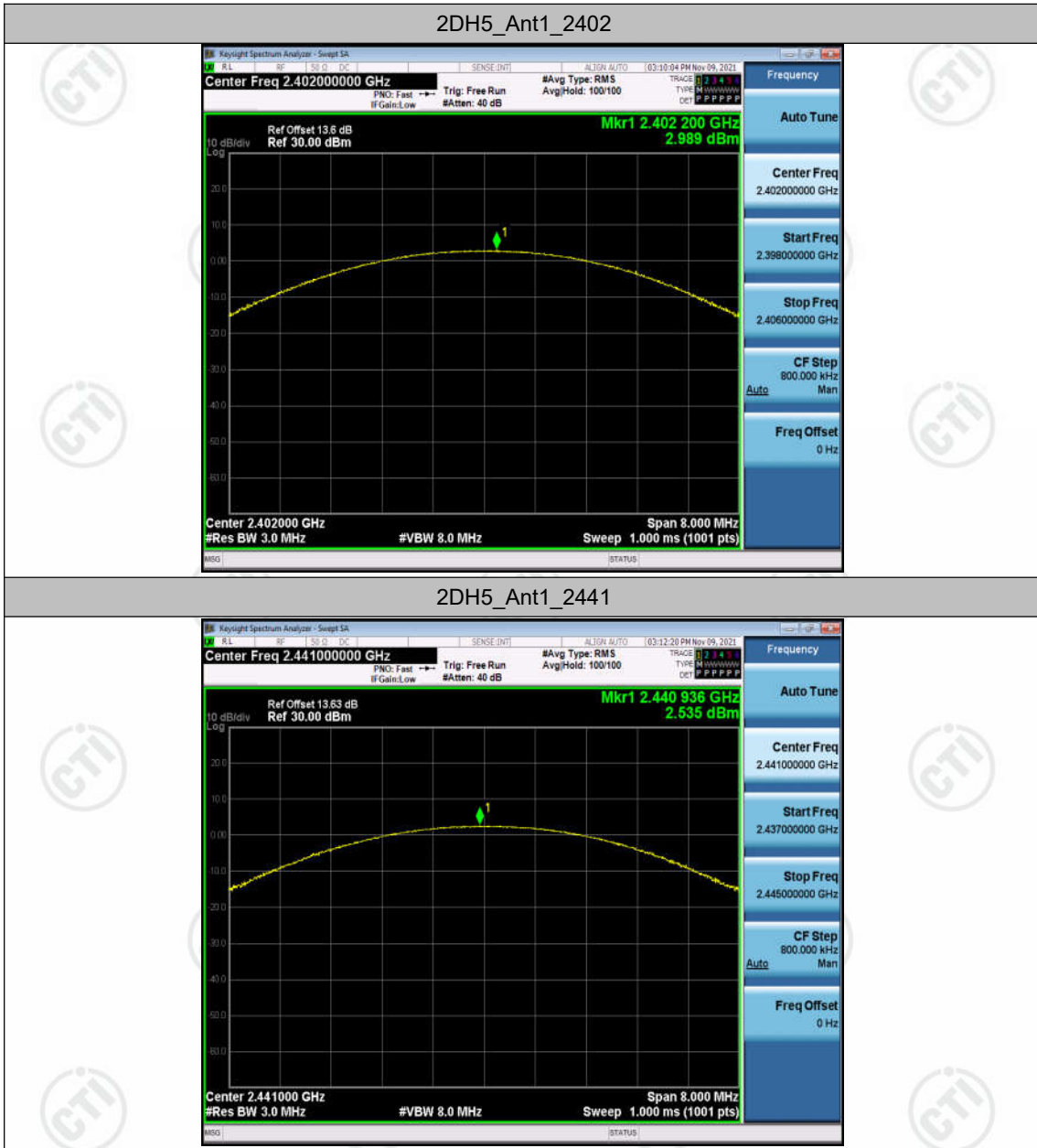




Right ear:





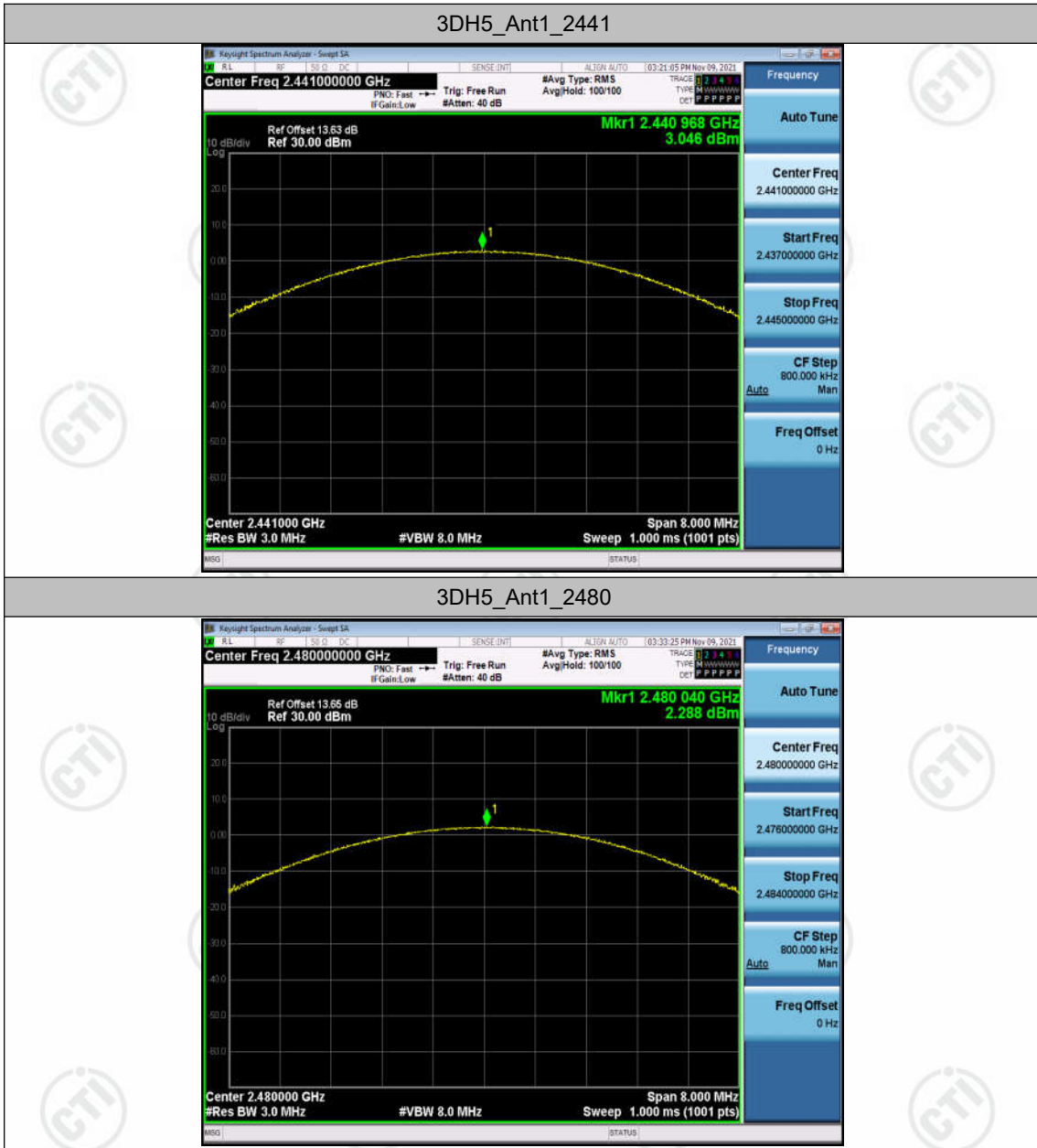


2DH5_Ant1_2480



3DH5_Ant1_2402





AppendixD: Carrier frequency separation

Test Result

Left ear:

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.002	≥ 0.954	PASS
		Hop_2441	1.152	≥ 0.954	PASS
		Hop_2480	0.968	≥ 0.954	PASS
2DH5	Ant1	Hop_2402	1.05	≥ 0.892	PASS
		Hop_2441	0.972	≥ 0.892	PASS
		Hop_2480	0.918	≥ 0.892	PASS
3DH5	Ant1	Hop_2402	0.966	≥ 0.892	PASS
		Hop_2441	1.054	≥ 0.892	PASS
		Hop_2480	0.902	≥ 0.892	PASS

Right ear:

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	0.976	≥ 0.945	PASS
		Hop_2441	1.004	≥ 0.945	PASS
		Hop_2480	1.034	≥ 0.945	PASS
2DH5	Ant1	Hop_2402	1.026	≥ 0.896	PASS
		Hop_2441	0.956	≥ 0.896	PASS
		Hop_2480	1.048	≥ 0.896	PASS
3DH5	Ant1	Hop_2402	1.156	≥ 0.892	PASS
		Hop_2441	1.02	≥ 0.892	PASS
		Hop_2480	0.992	≥ 0.892	PASS

Test Graphs

Left ear:



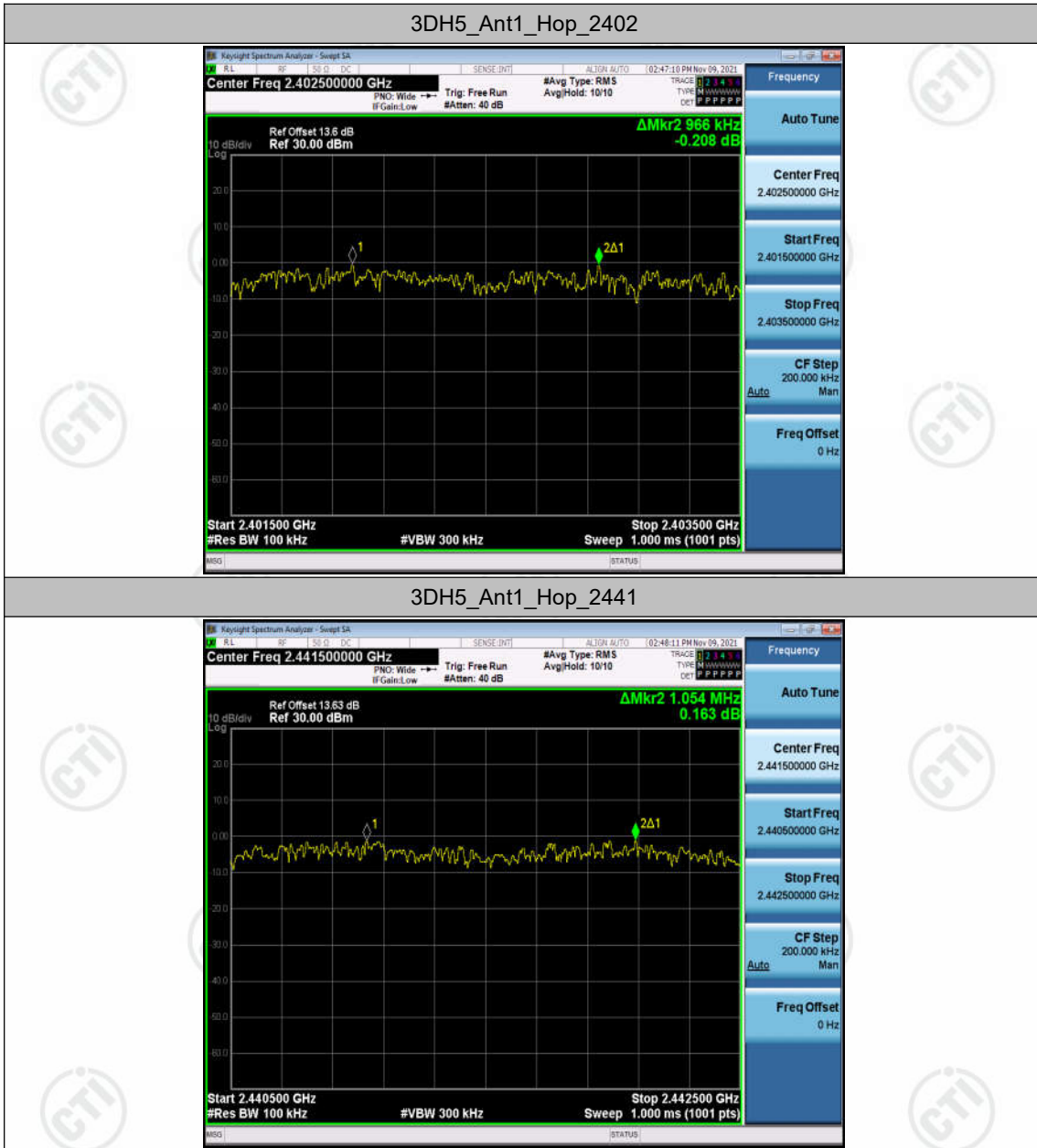


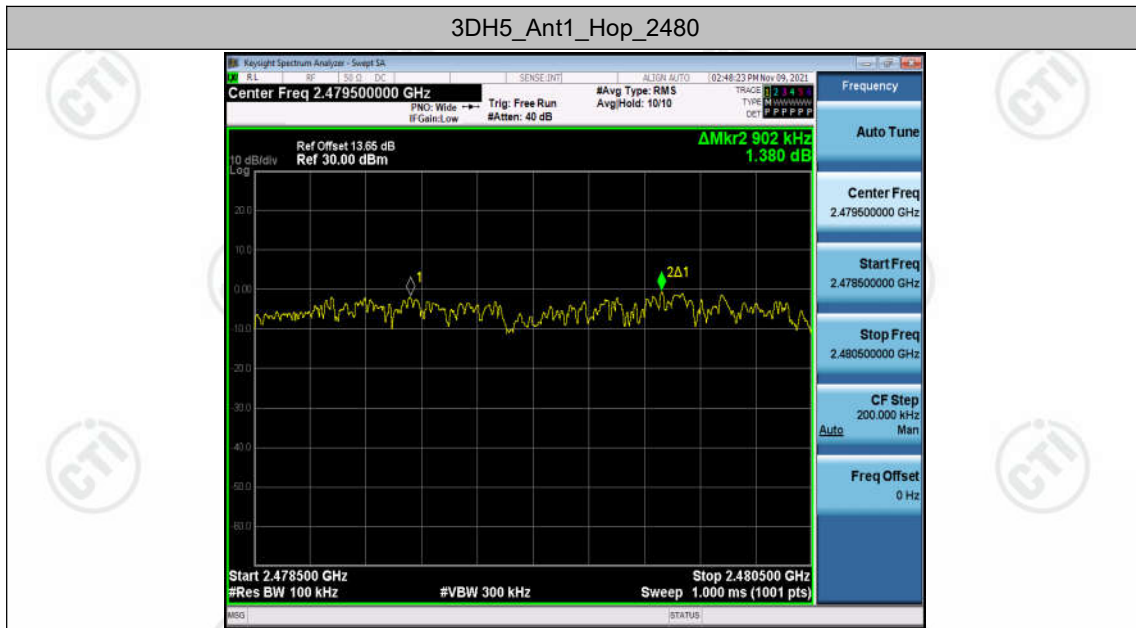
2DH5_Ant1_Hop_2441



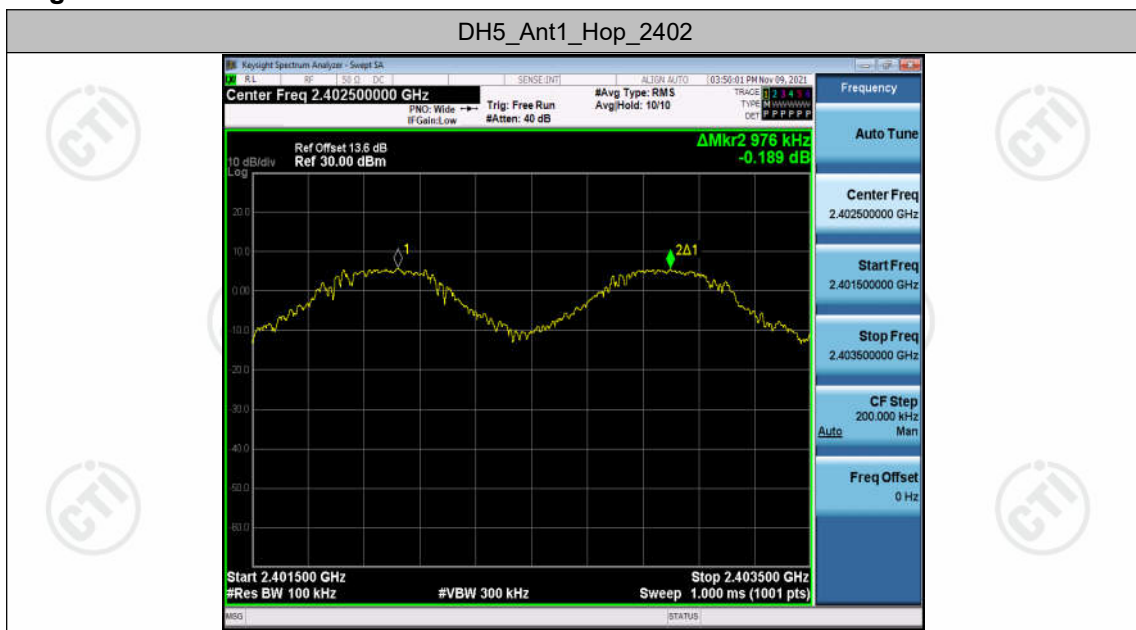
2DH5_Ant1_Hop_2480



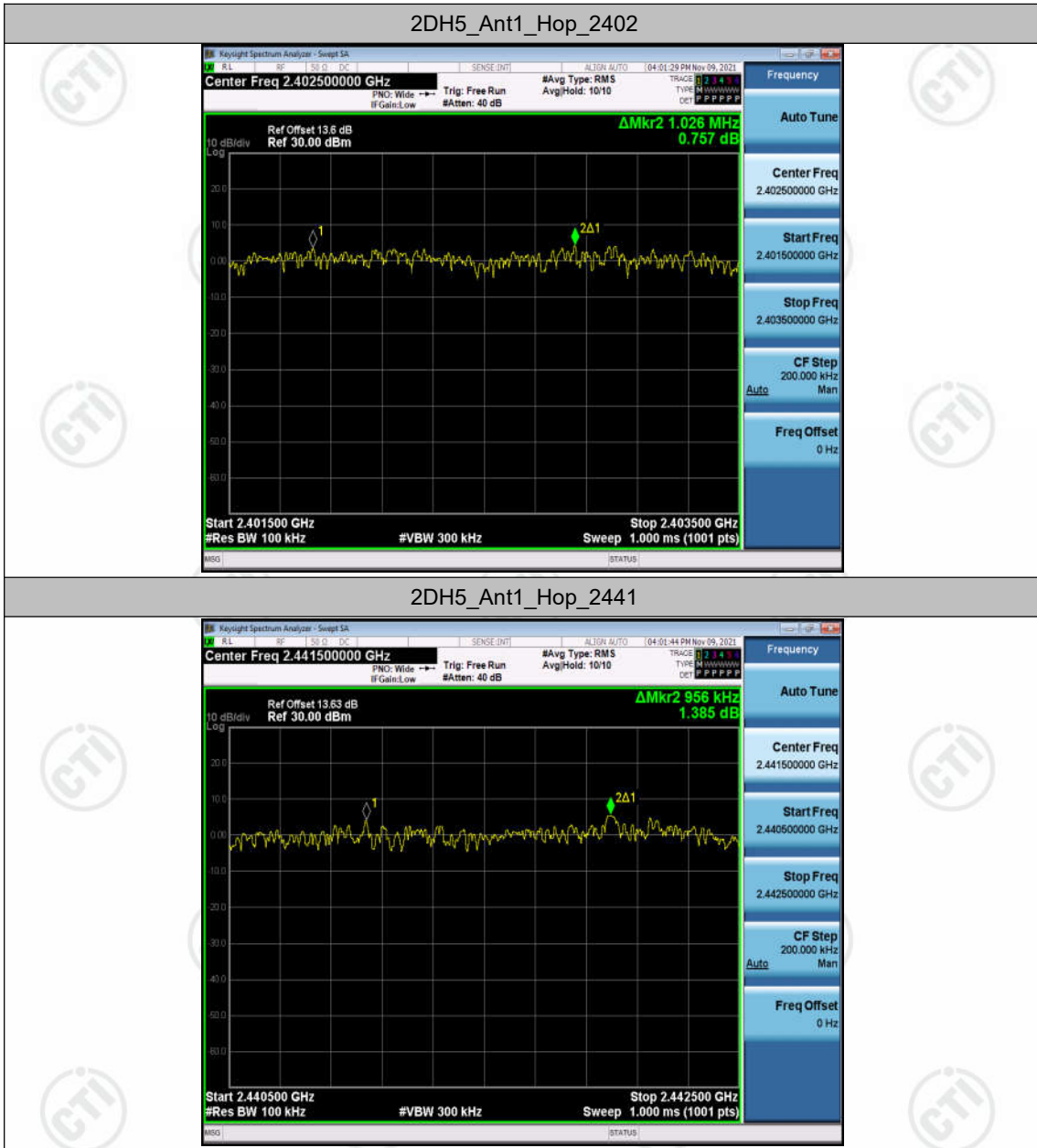


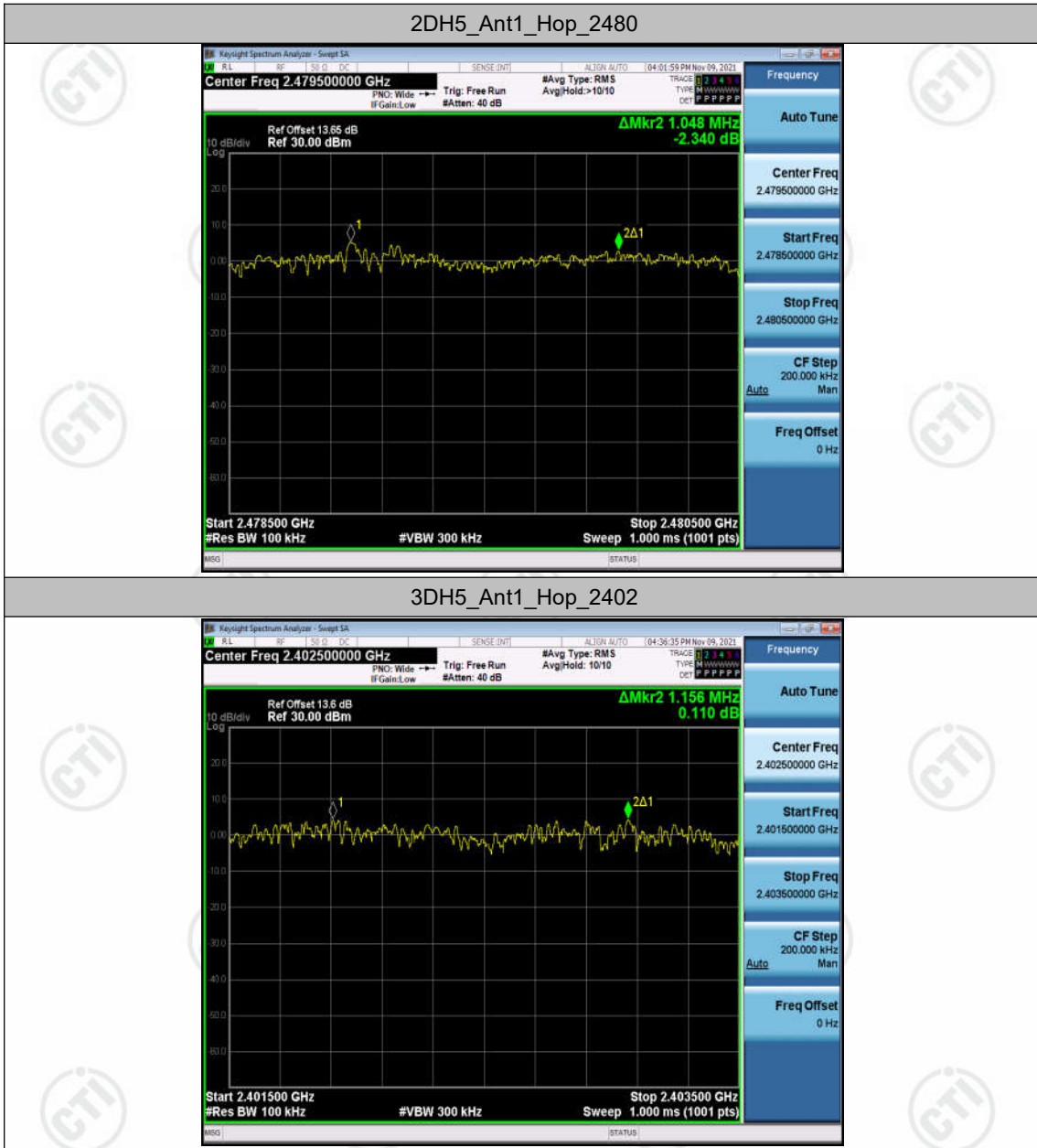


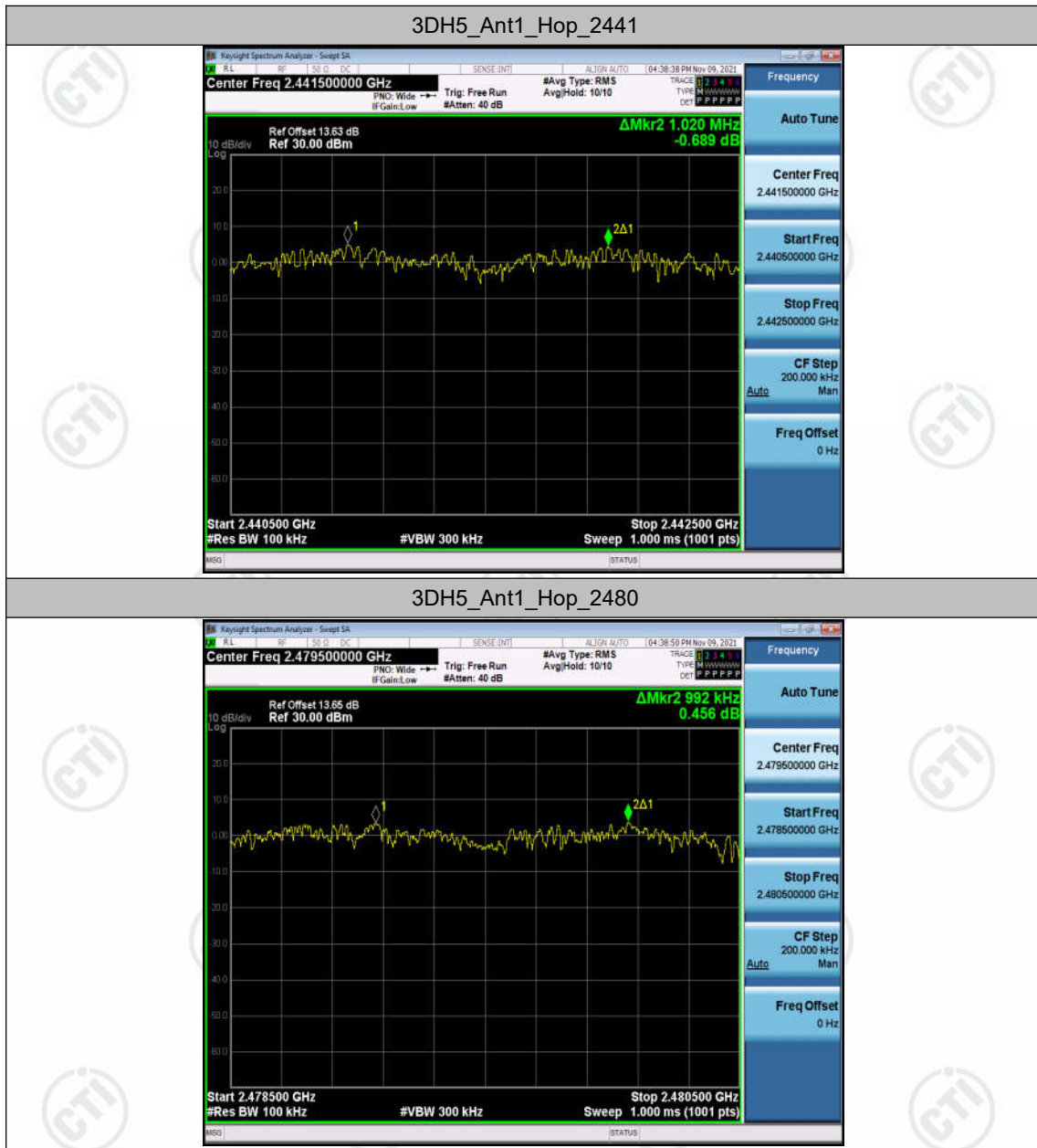
Right ear:











AppendixE: Time of occupancy

Test Result

Left ear:

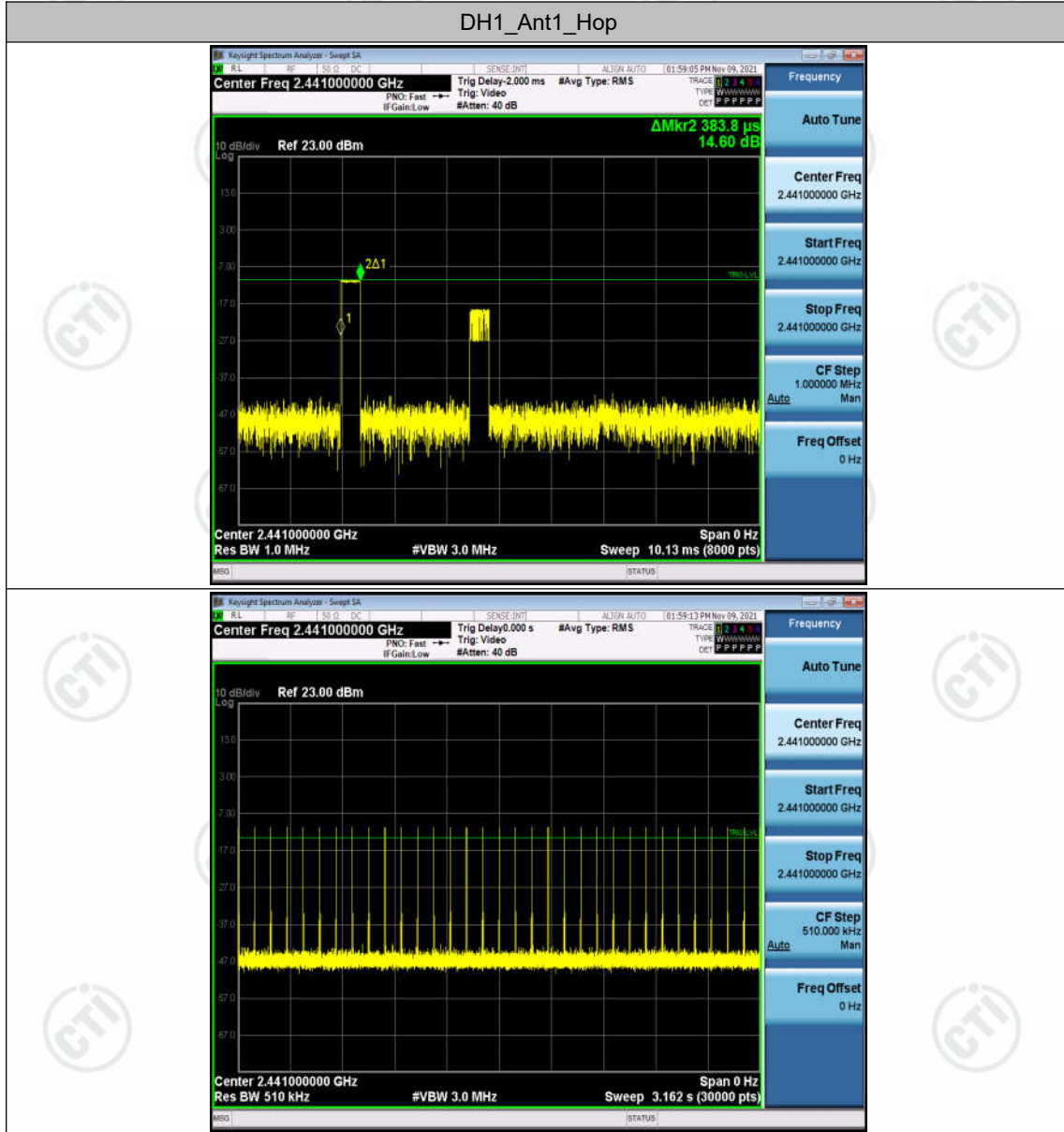
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	330	0.127	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.279	<=0.4	PASS
DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.13	<=0.4	PASS
2DH3	Ant1	Hop	1.65	170	0.28	<=0.4	PASS
2DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS
3DH1	Ant1	Hop	0.40	330	0.13	<=0.4	PASS
3DH3	Ant1	Hop	1.64	170	0.28	<=0.4	PASS
3DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS

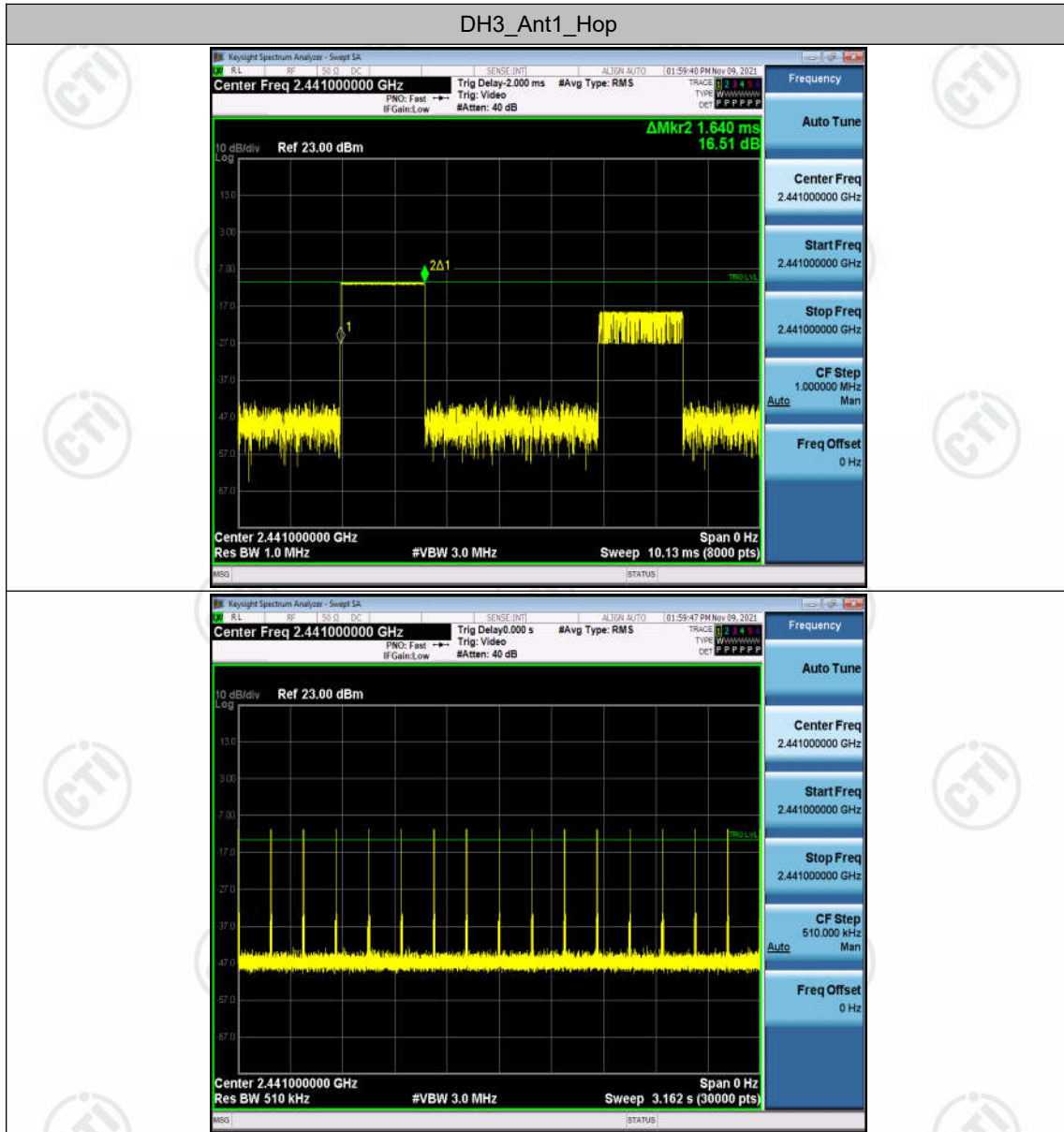
Right ear:

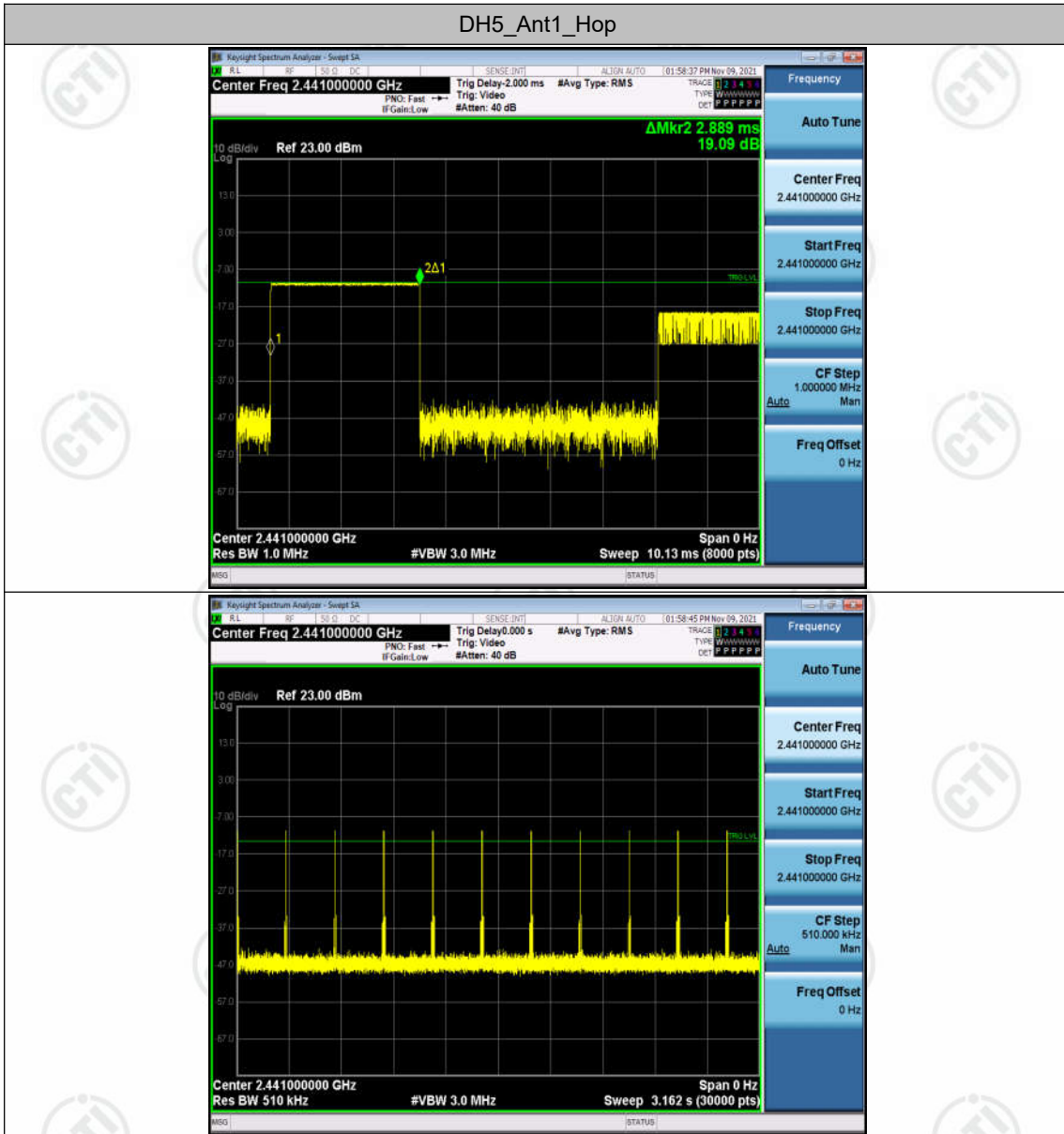
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.127	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.279	<=0.4	PASS
DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.13	<=0.4	PASS
2DH3	Ant1	Hop	1.65	170	0.28	<=0.4	PASS
2DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS
3DH1	Ant1	Hop	0.40	330	0.13	<=0.4	PASS
3DH3	Ant1	Hop	1.65	170	0.28	<=0.4	PASS
3DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS

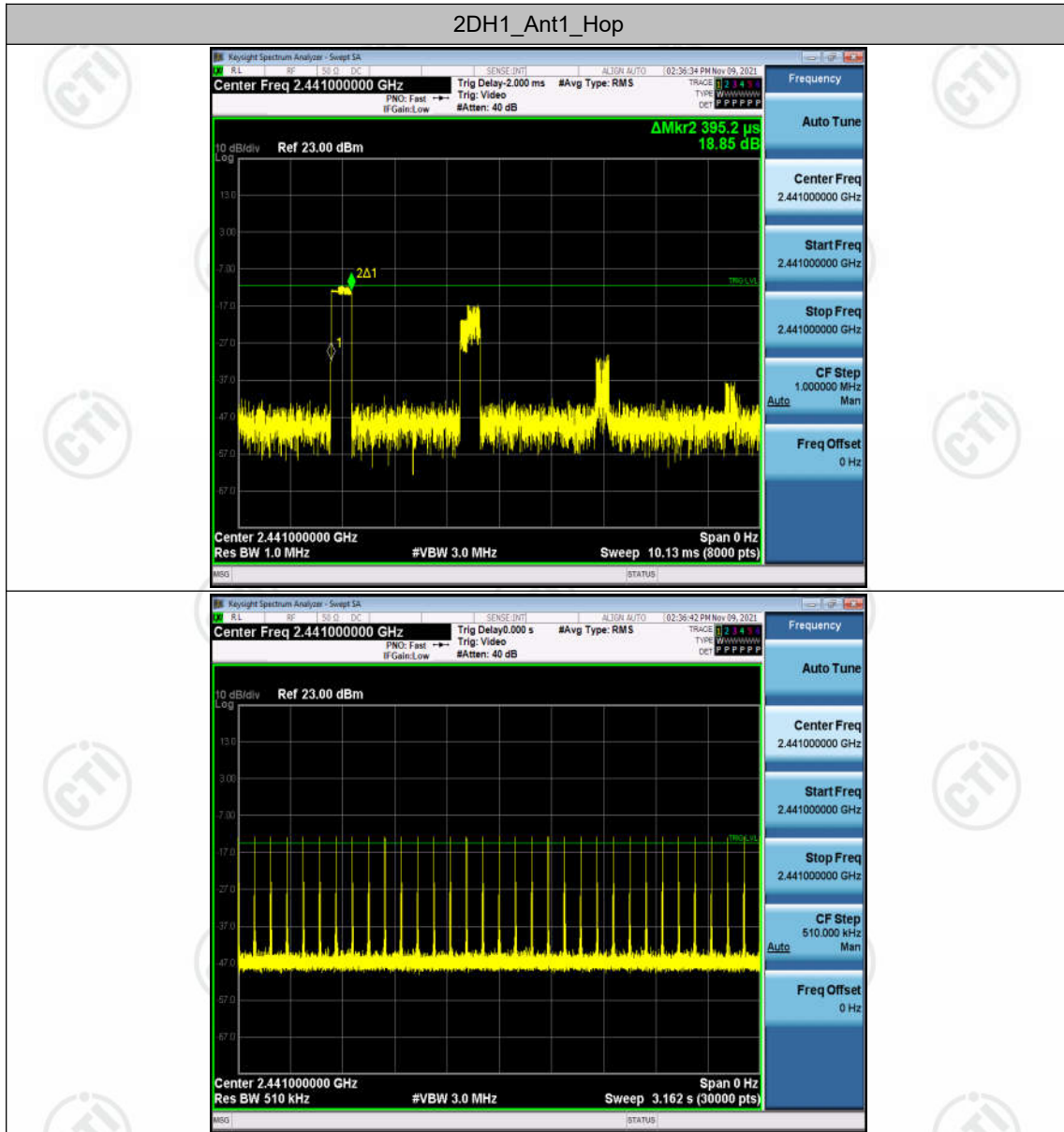
Test Graphs

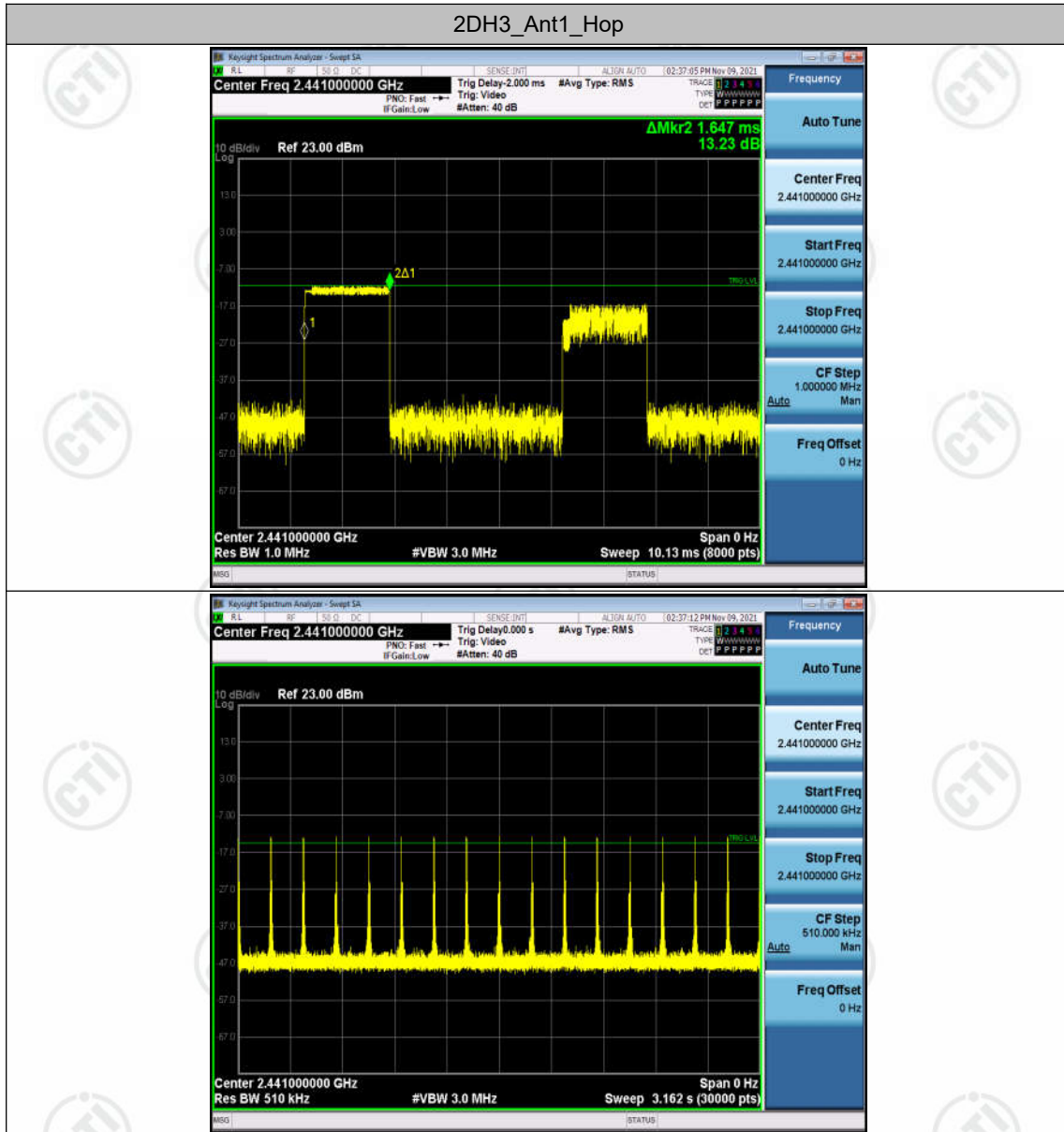
Left ear:

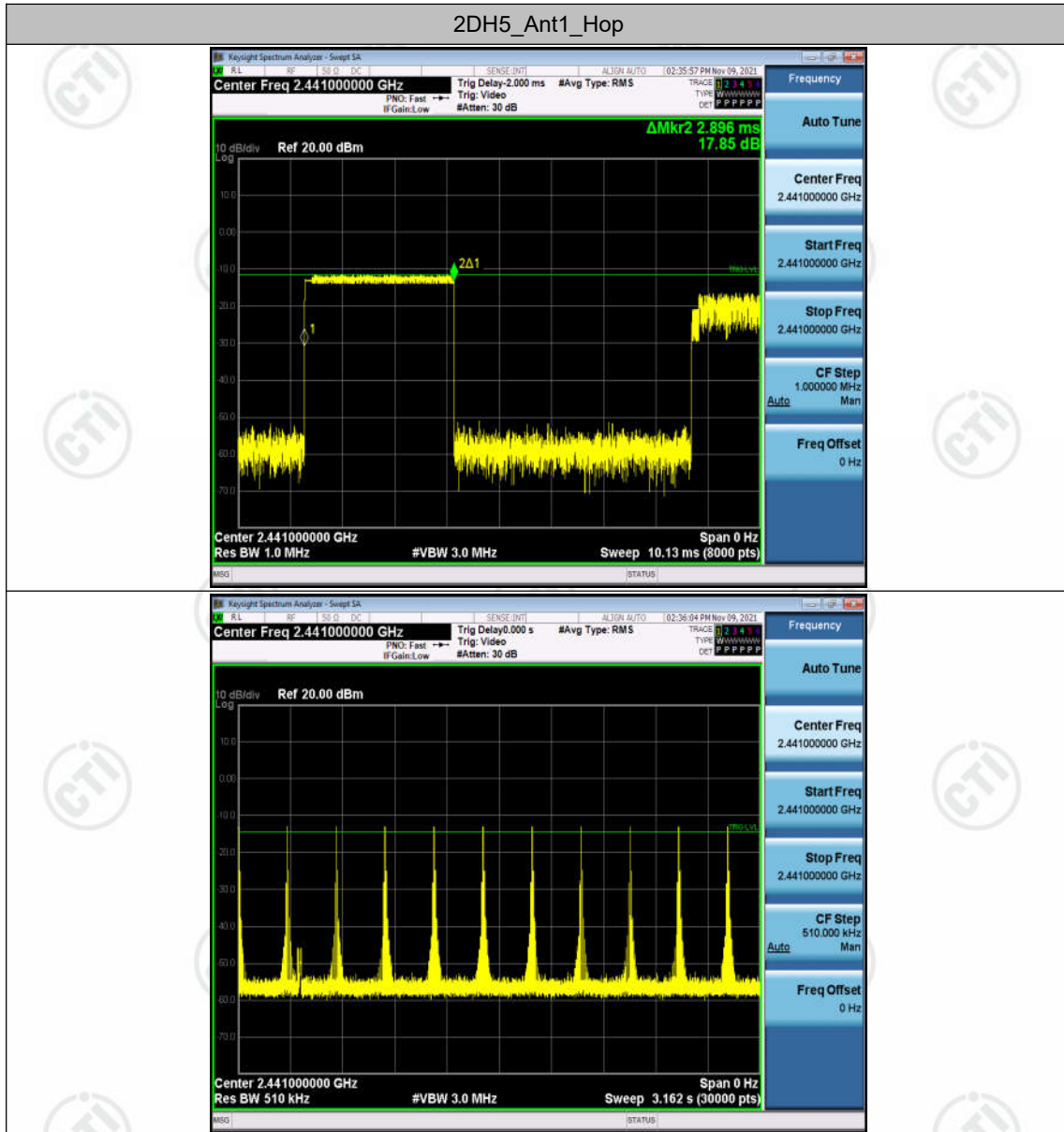


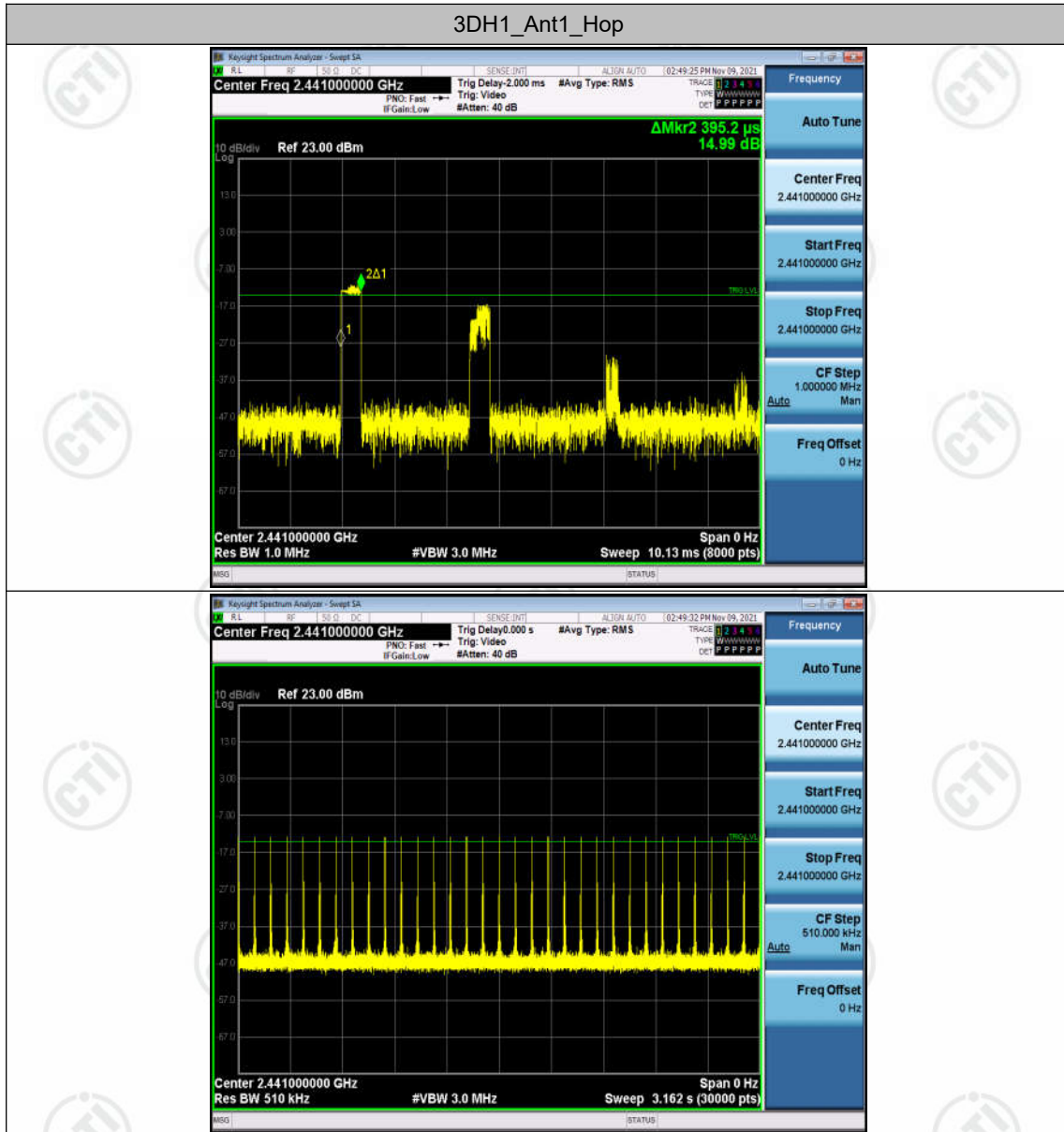


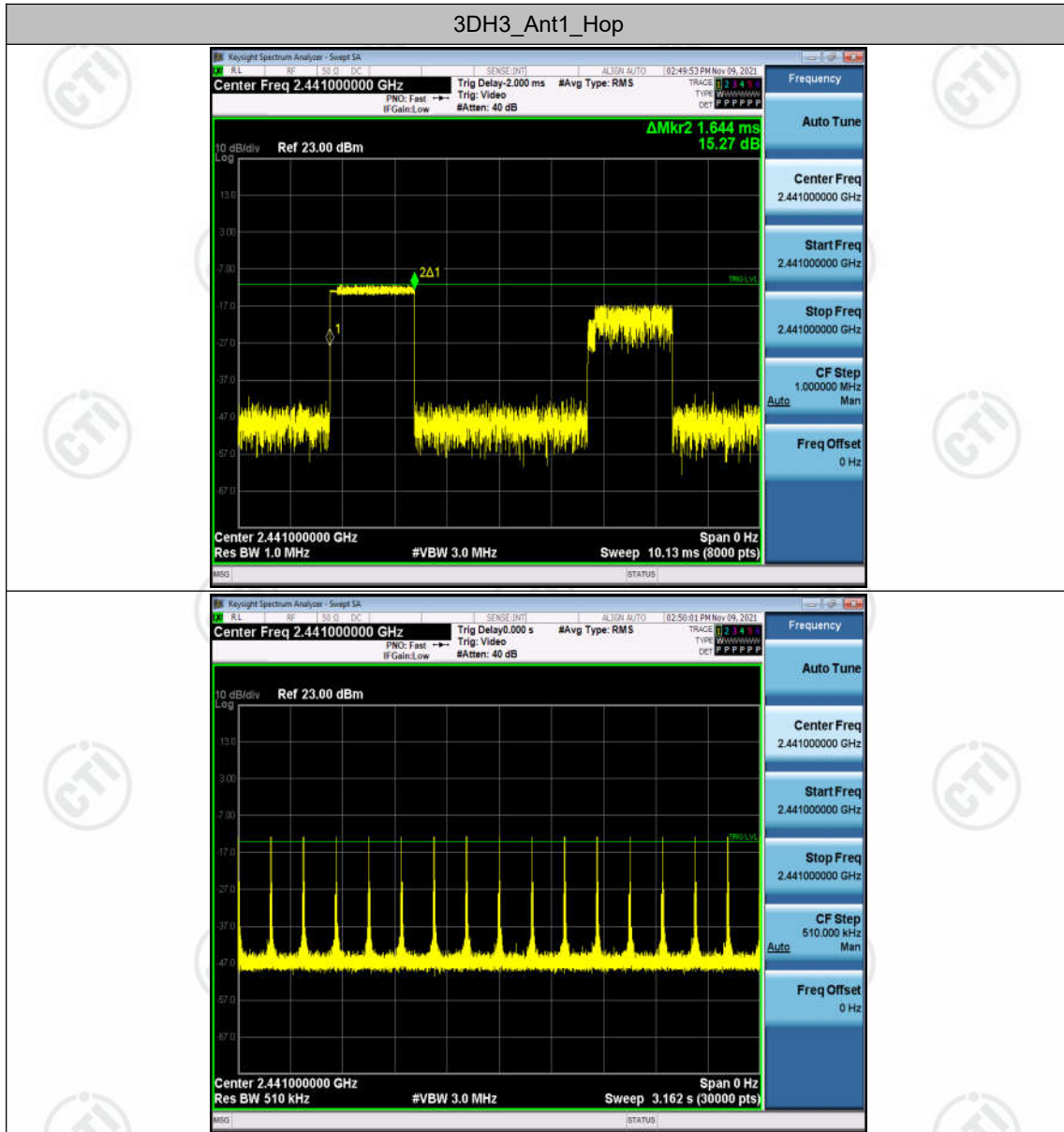


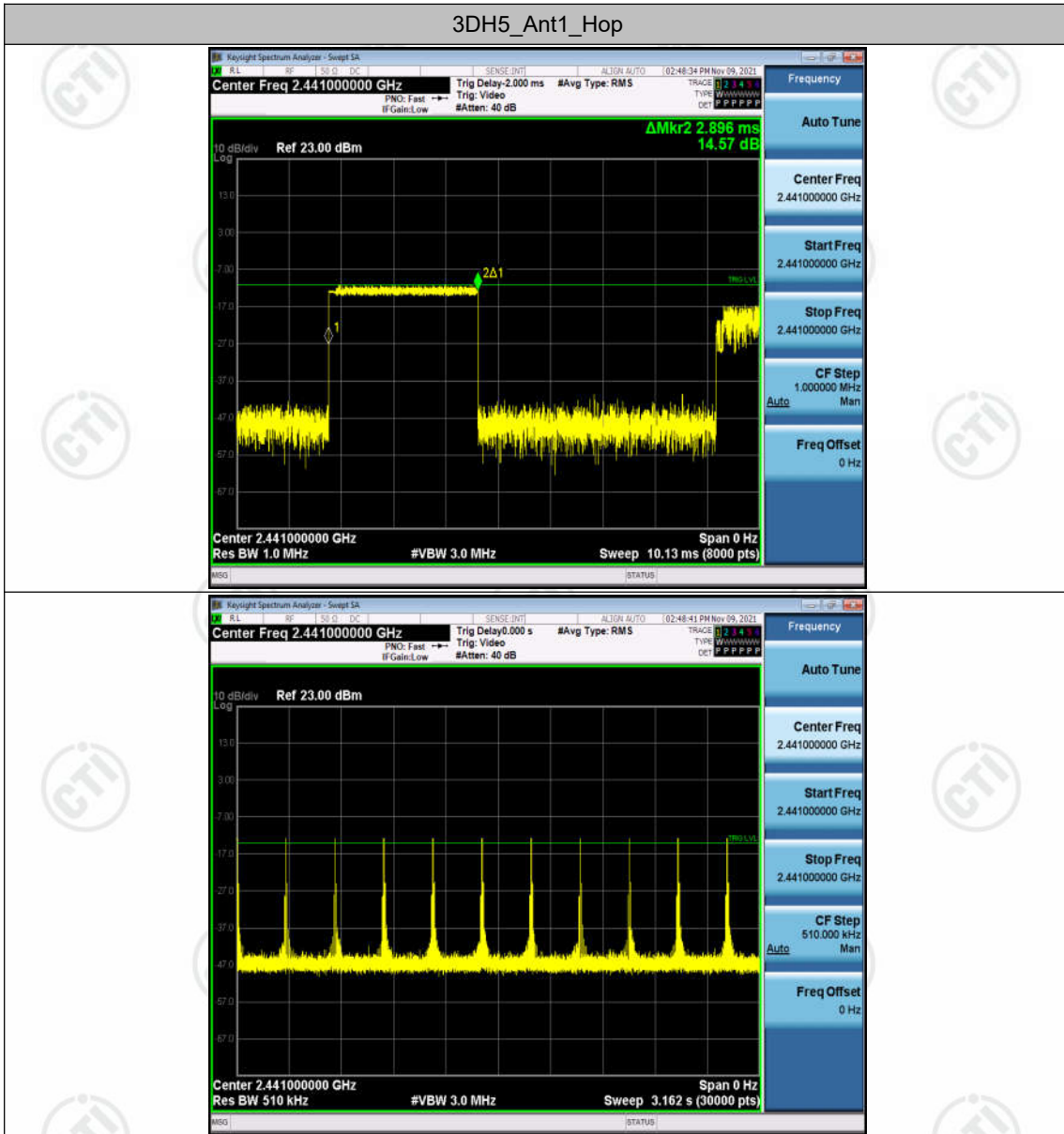




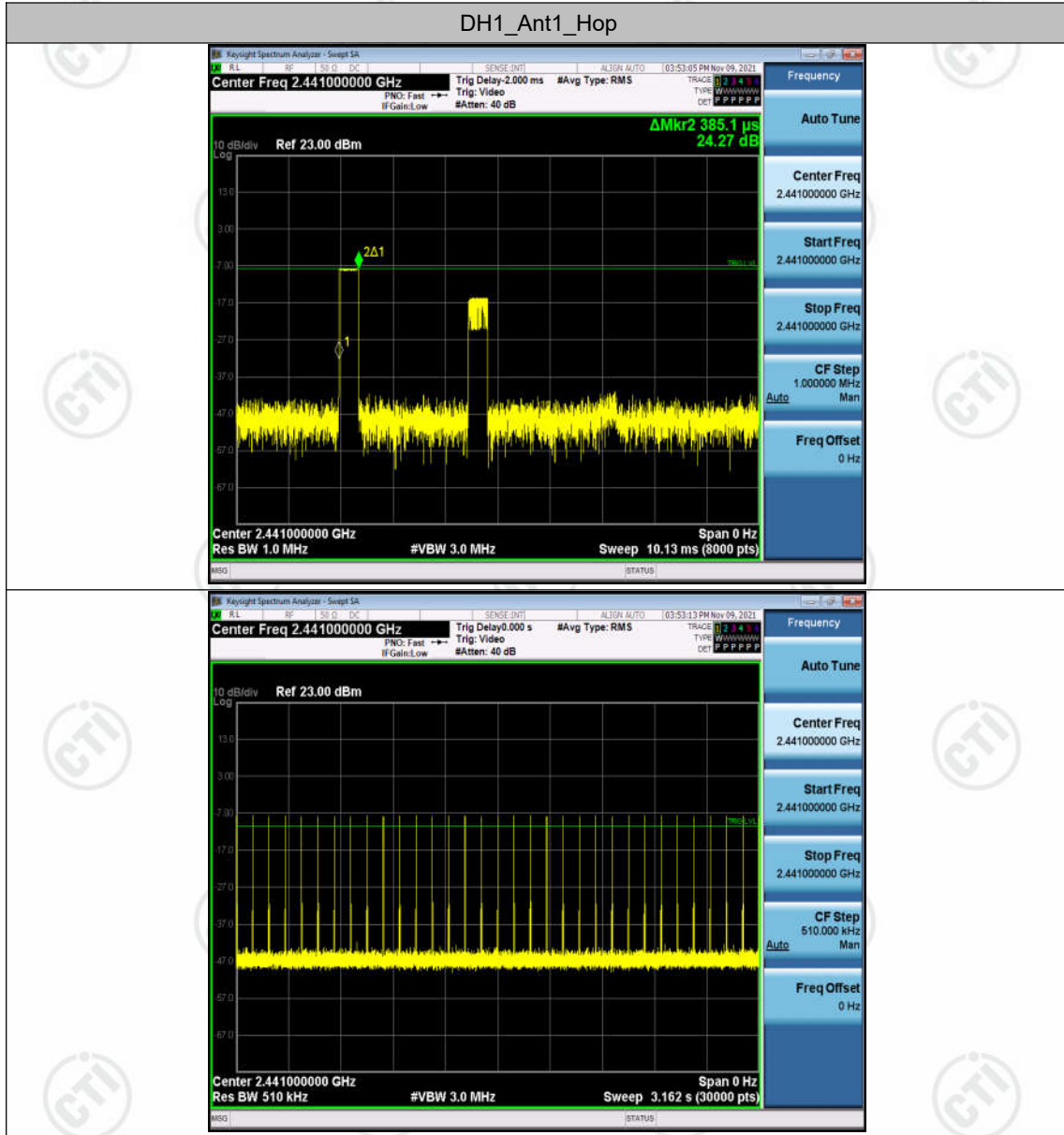


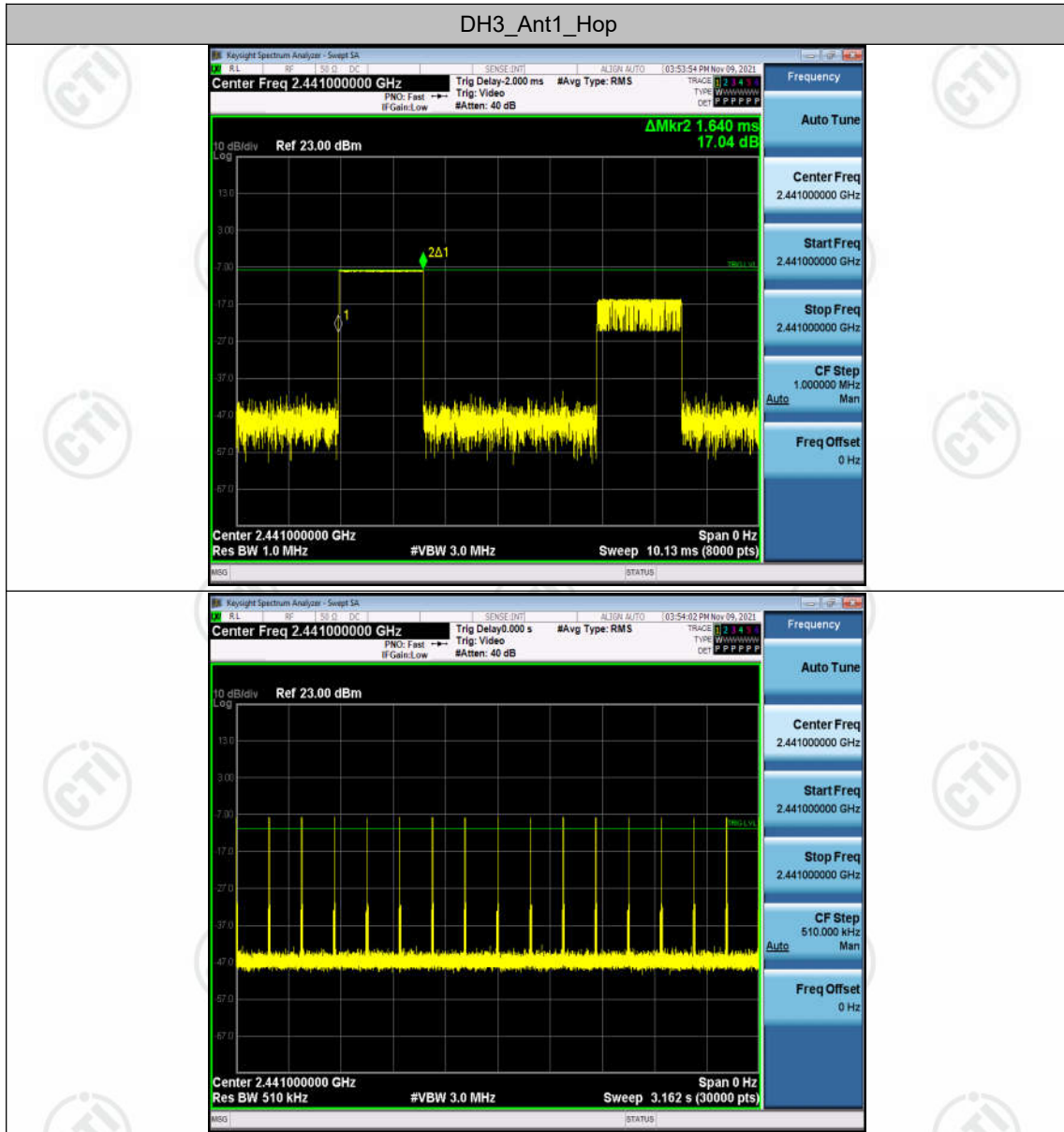


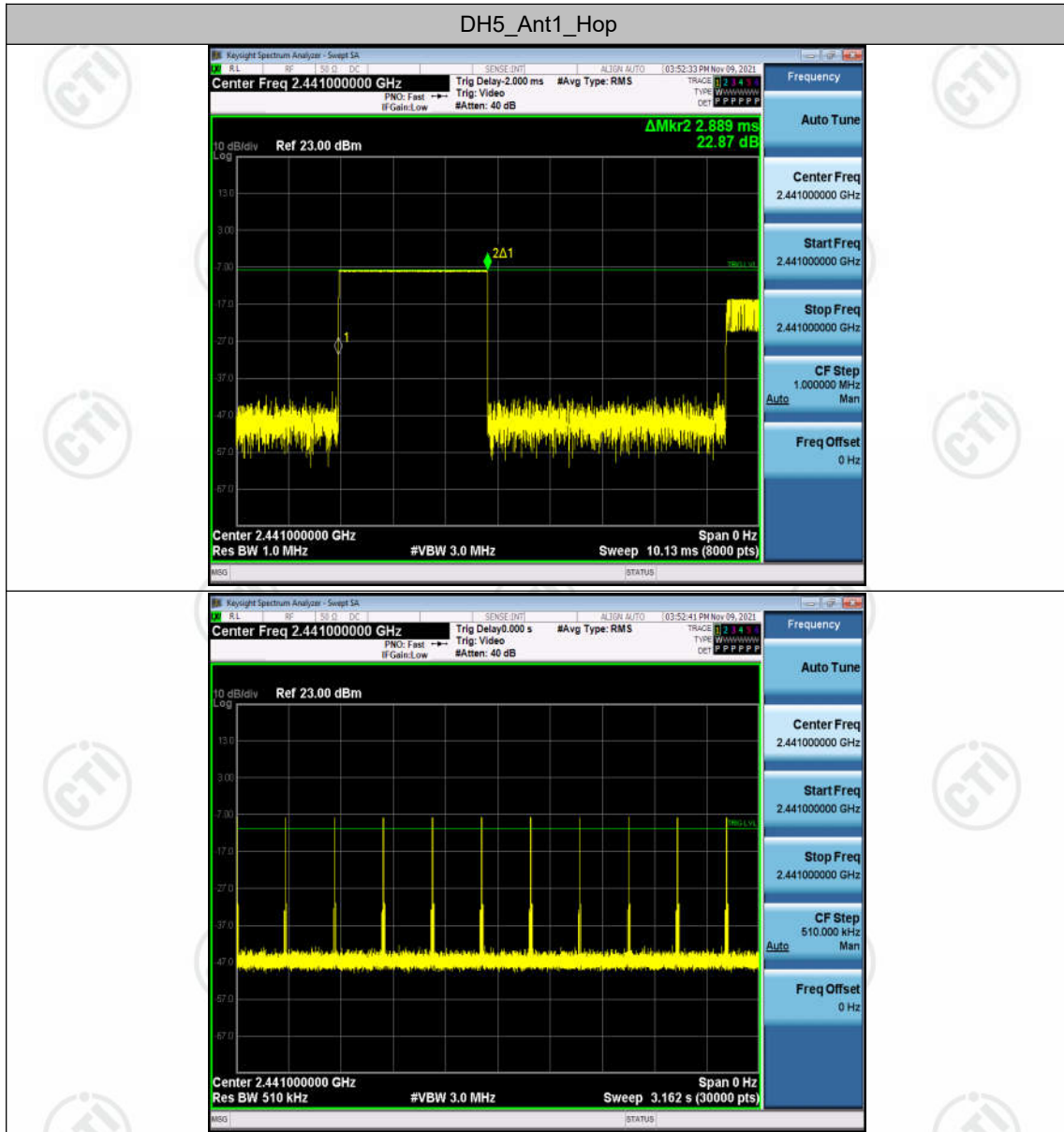


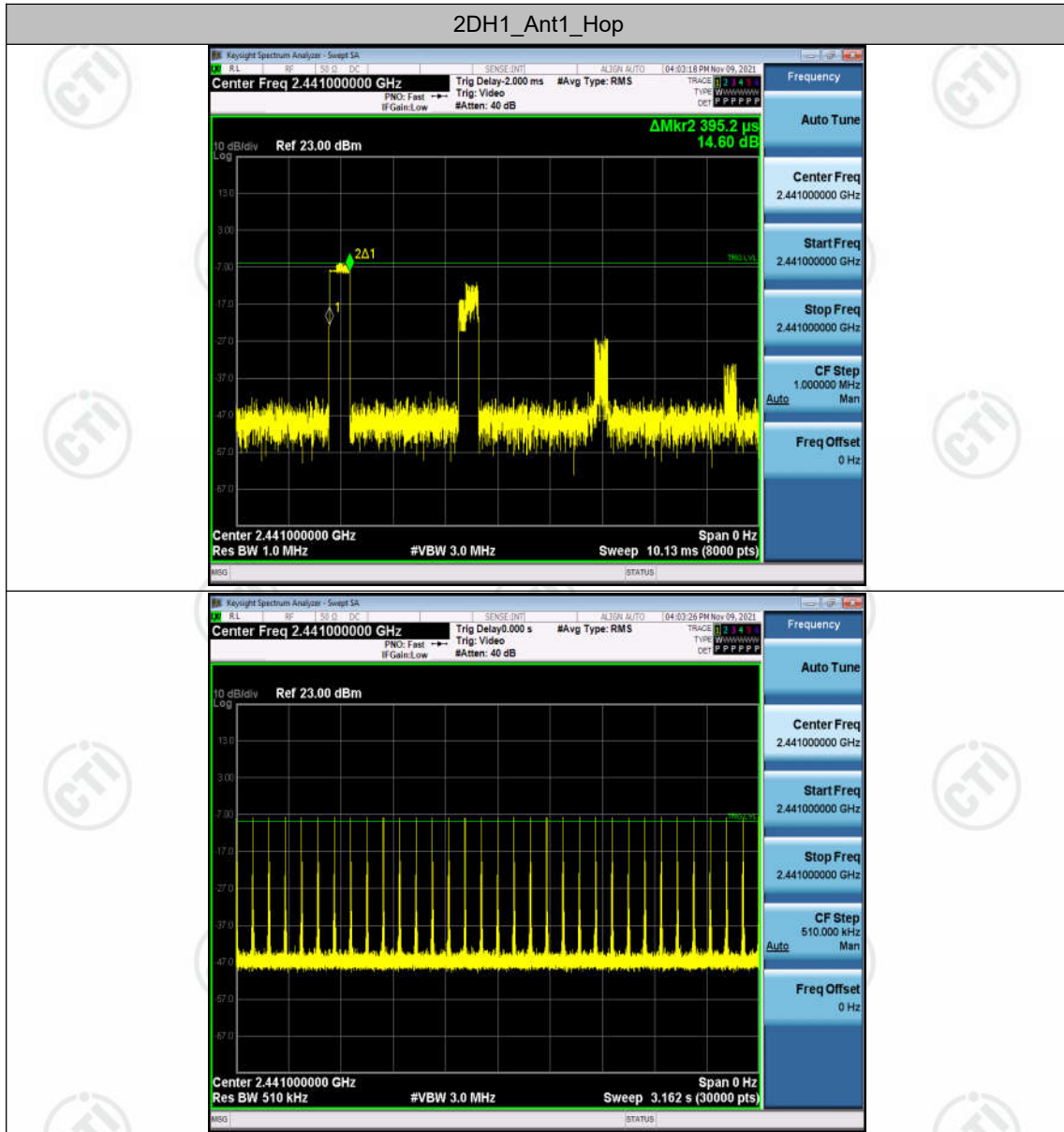


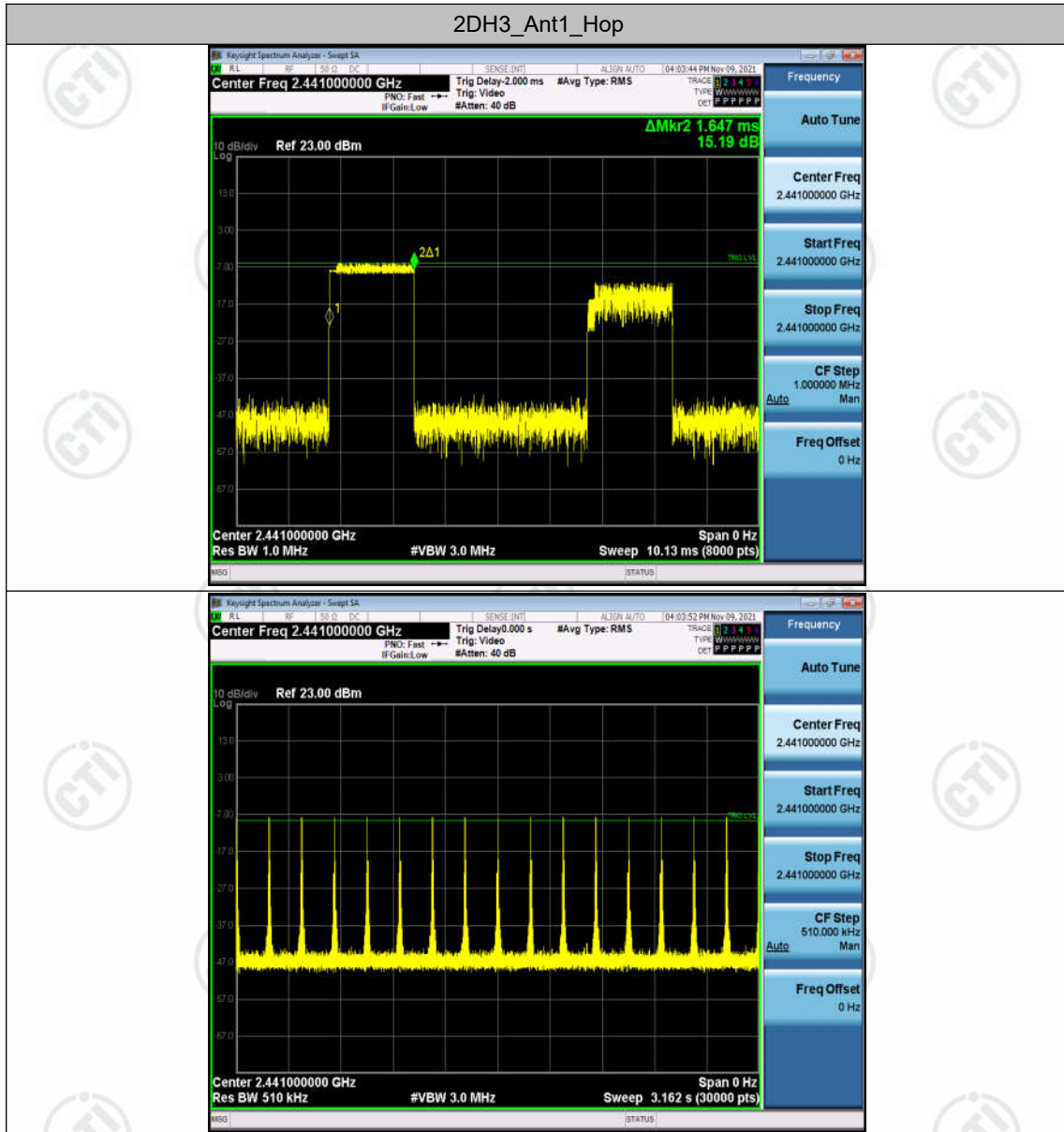
Right ear:

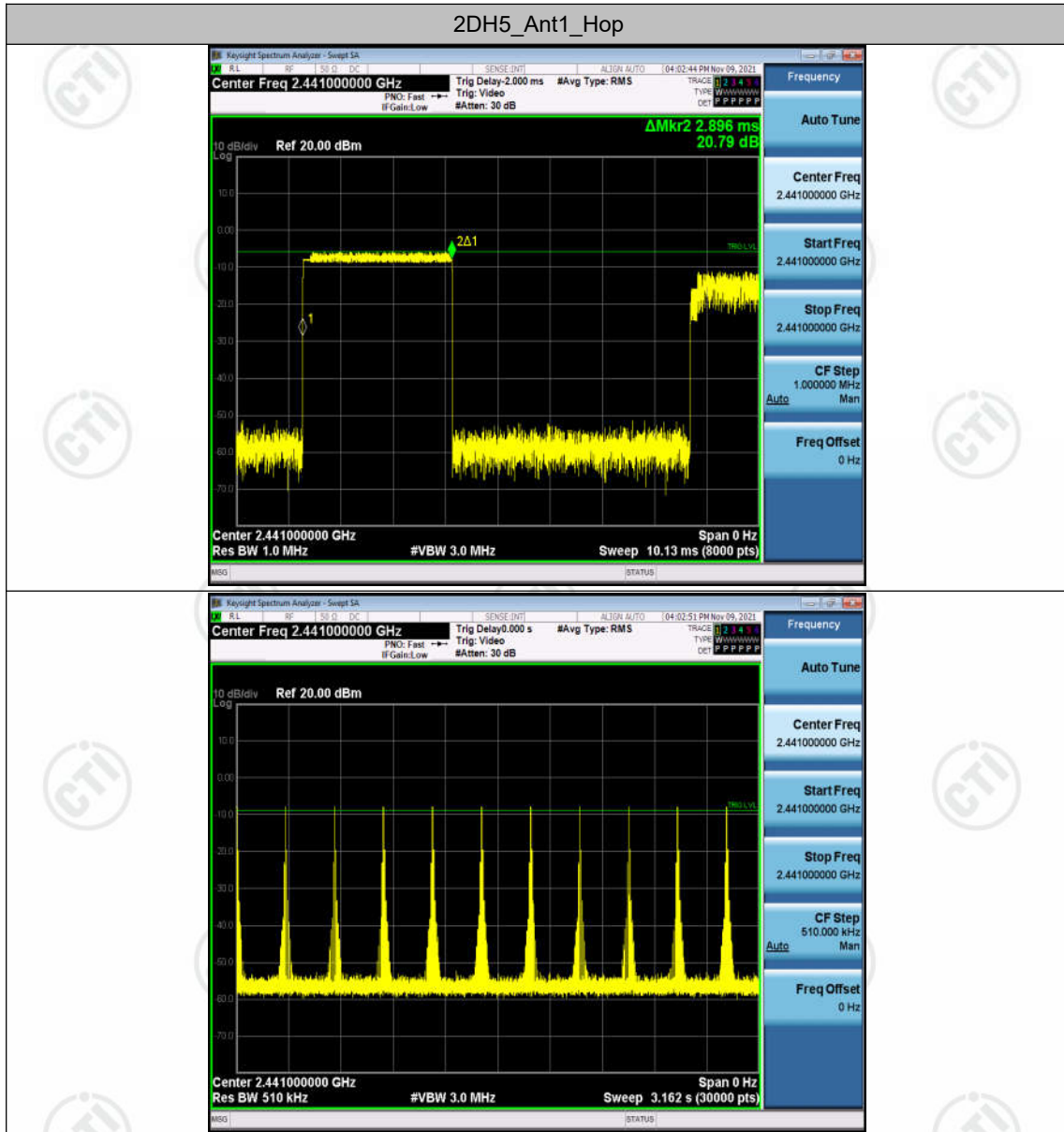


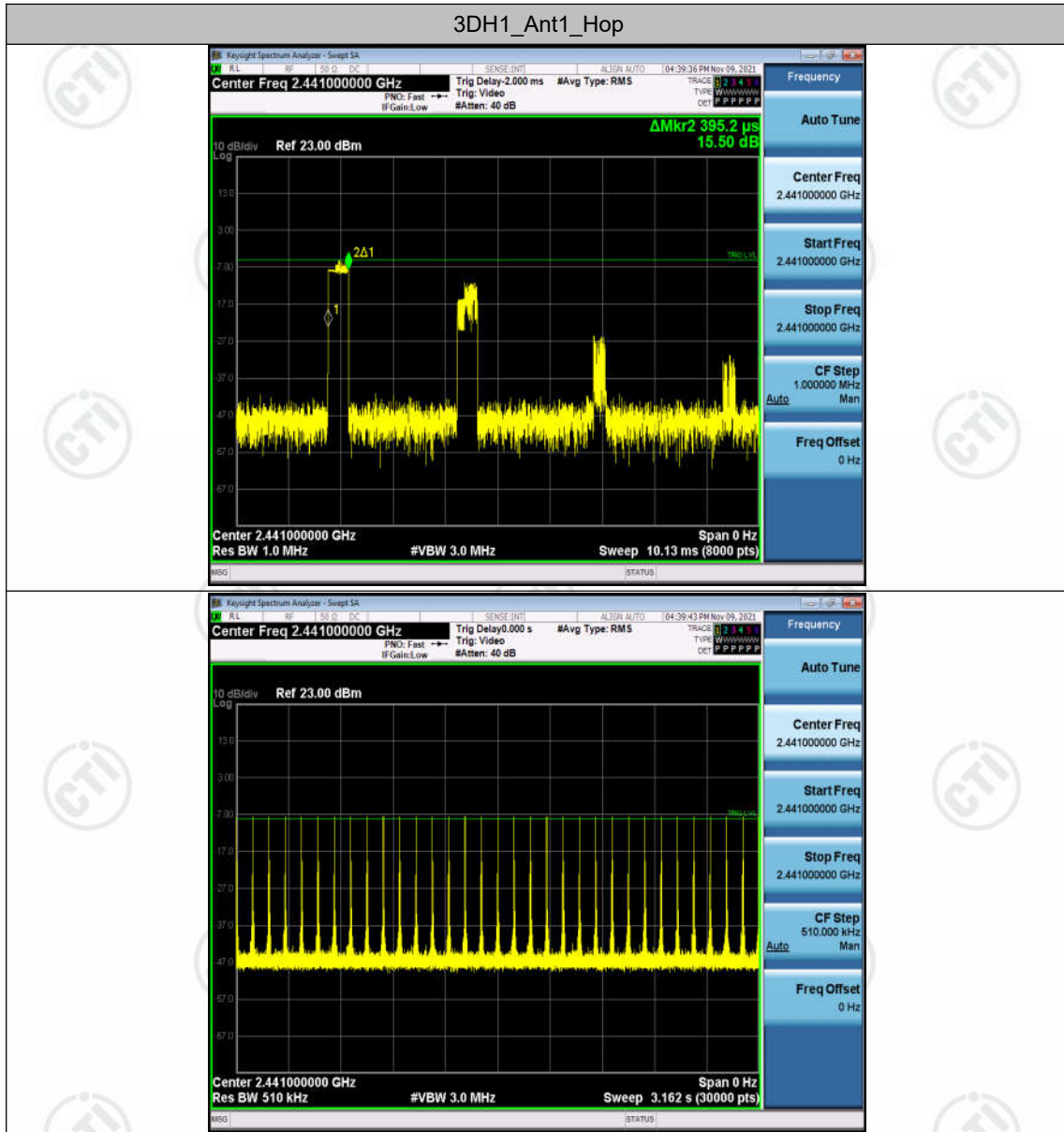


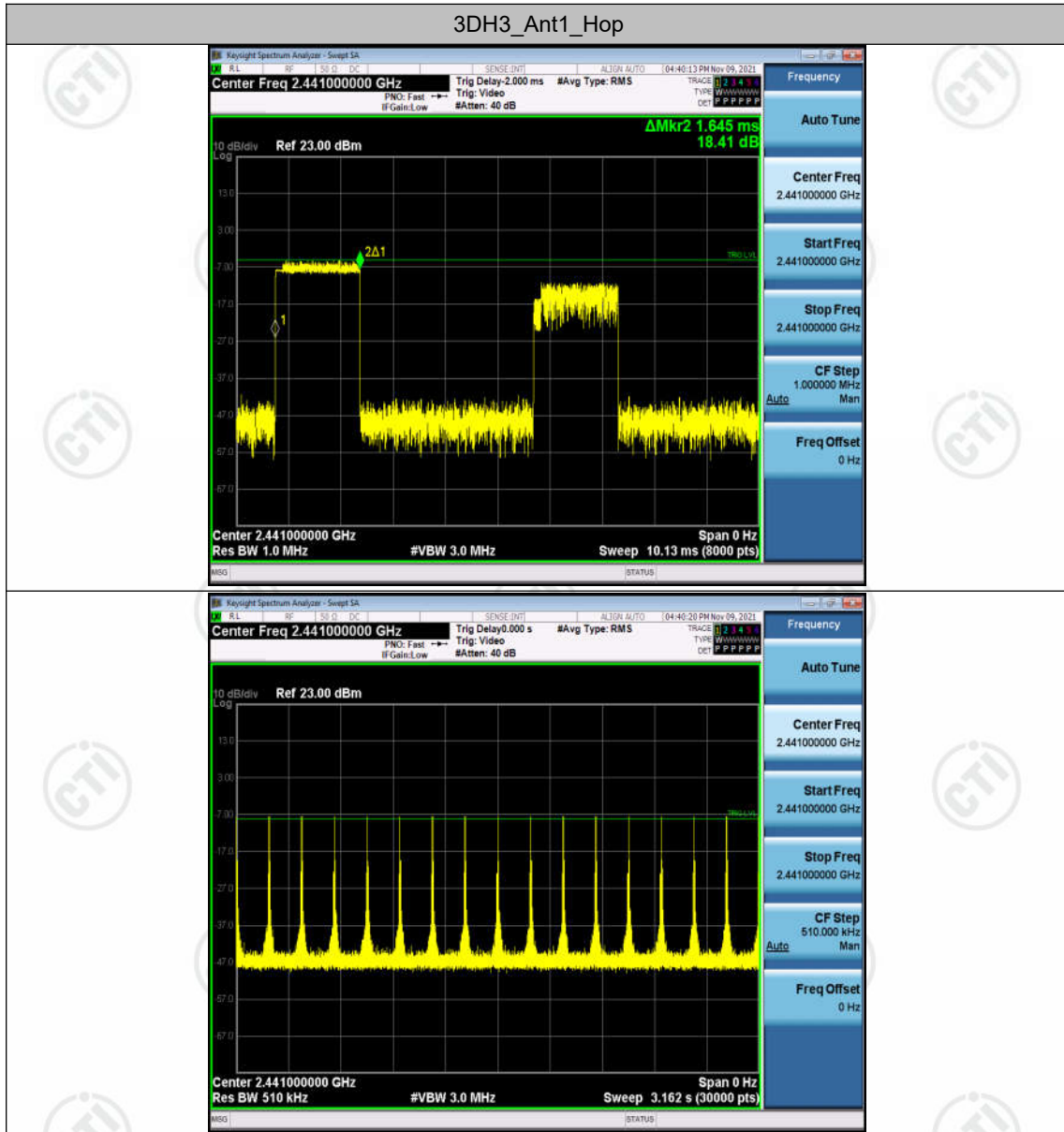


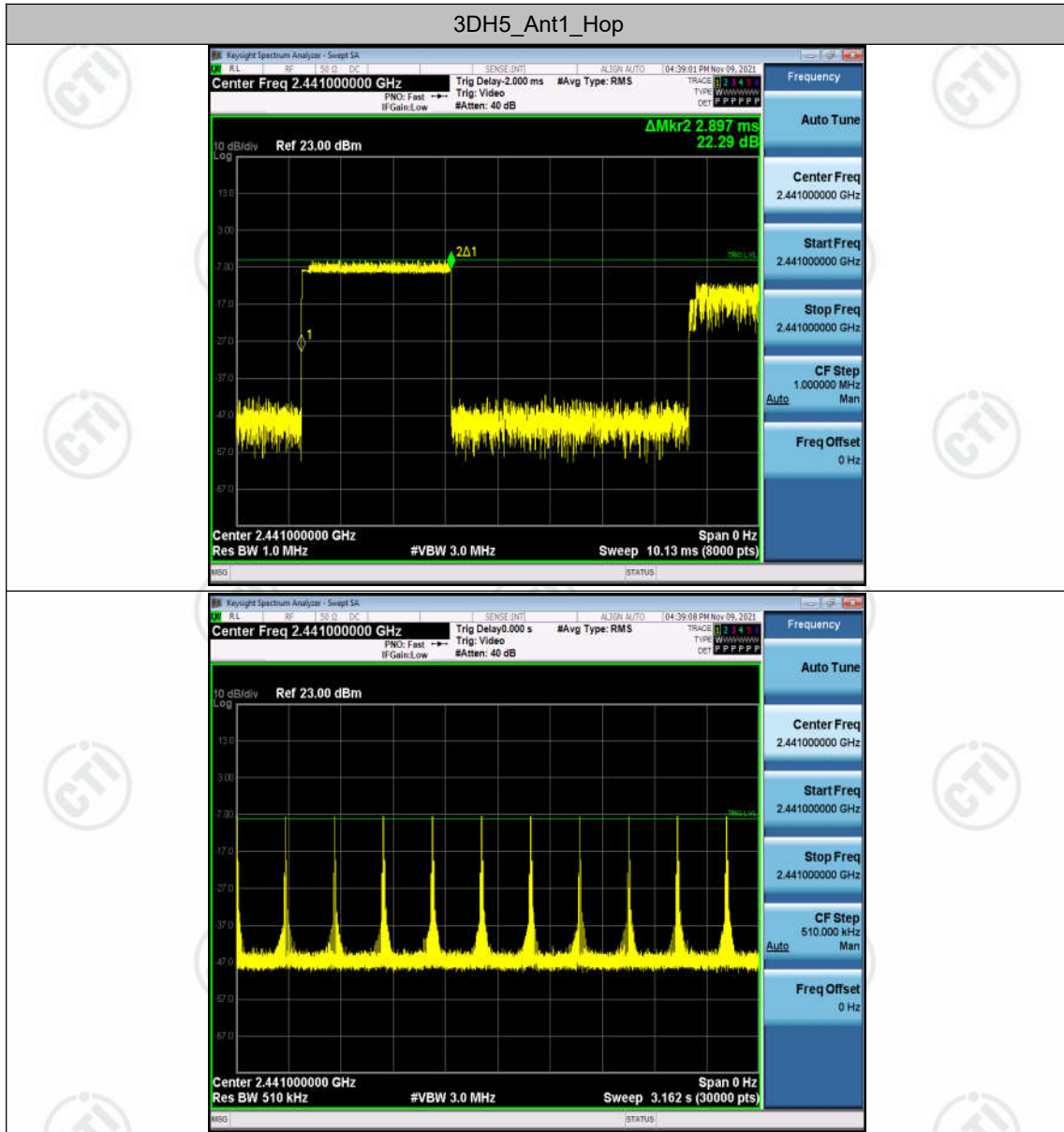












AppendixF: Number of hopping channels**Test Result****Left ear:**

Test Mode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

Right ear:

Test Mode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

Test Graphs

Left ear:

