

Appendix: Bluetooth Classic

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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	1.002	2401.505	2402.507	---	PASS
		2441	1.011	2440.502	2441.513	---	PASS
		2480	1.023	2479.502	2480.525	---	PASS
2DH5	Ant1	2402	1.311	2401.358	2402.669	---	PASS
		2441	1.320	2440.352	2441.672	---	PASS
		2480	1.320	2479.352	2480.672	---	PASS

Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

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

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89500	2401.560	2402.455	---	PASS
		2441	0.90808	2440.554	2441.462	---	PASS
		2480	0.92472	2479.544	2480.469	---	PASS
2DH5	Ant1	2402	1.1876	2401.419	2402.607	---	PASS
		2441	1.1939	2440.418	2441.612	---	PASS
		2480	1.1985	2479.416	2480.614	---	PASS

Test Graphs

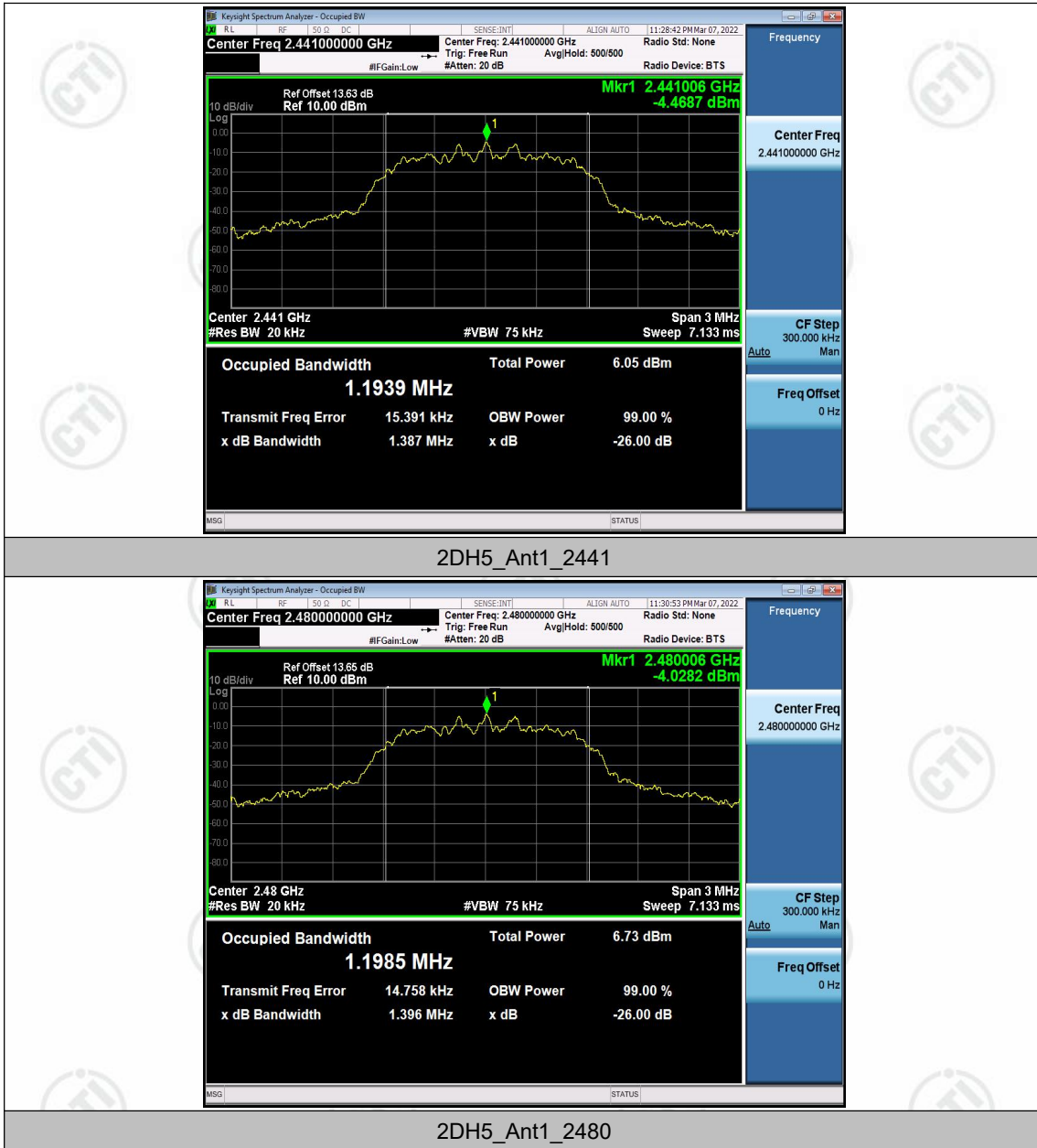


DH5_Ant1_2402



DH5_Ant1_2441

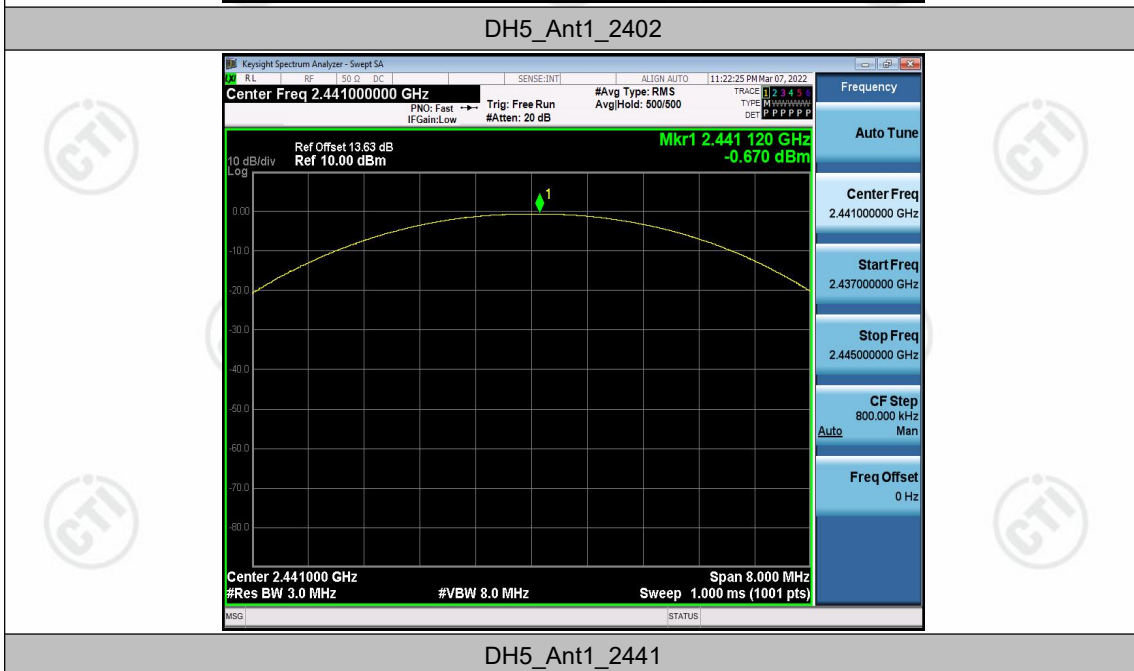
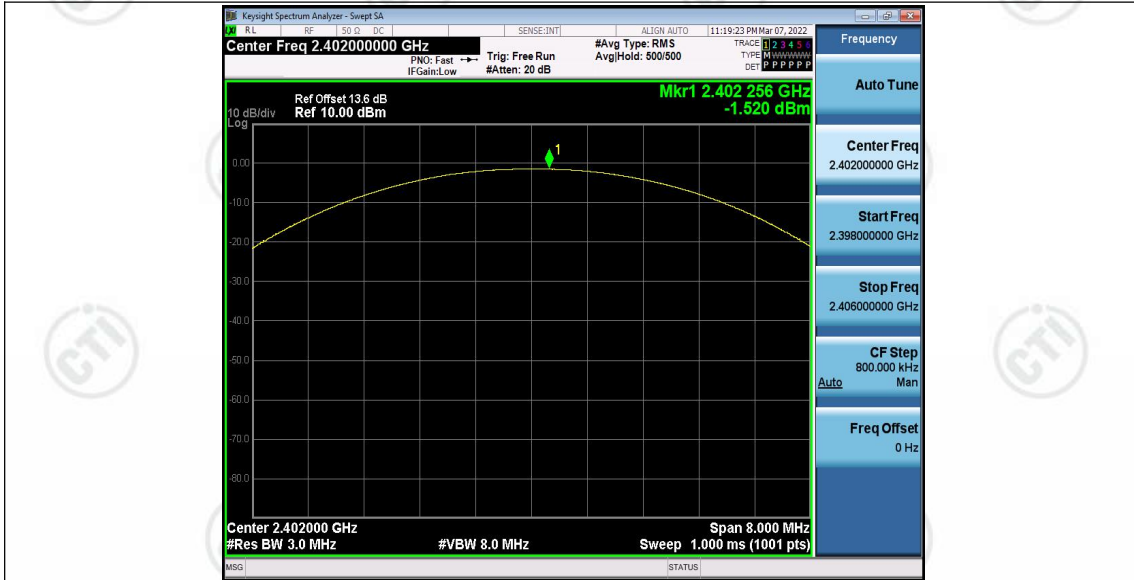


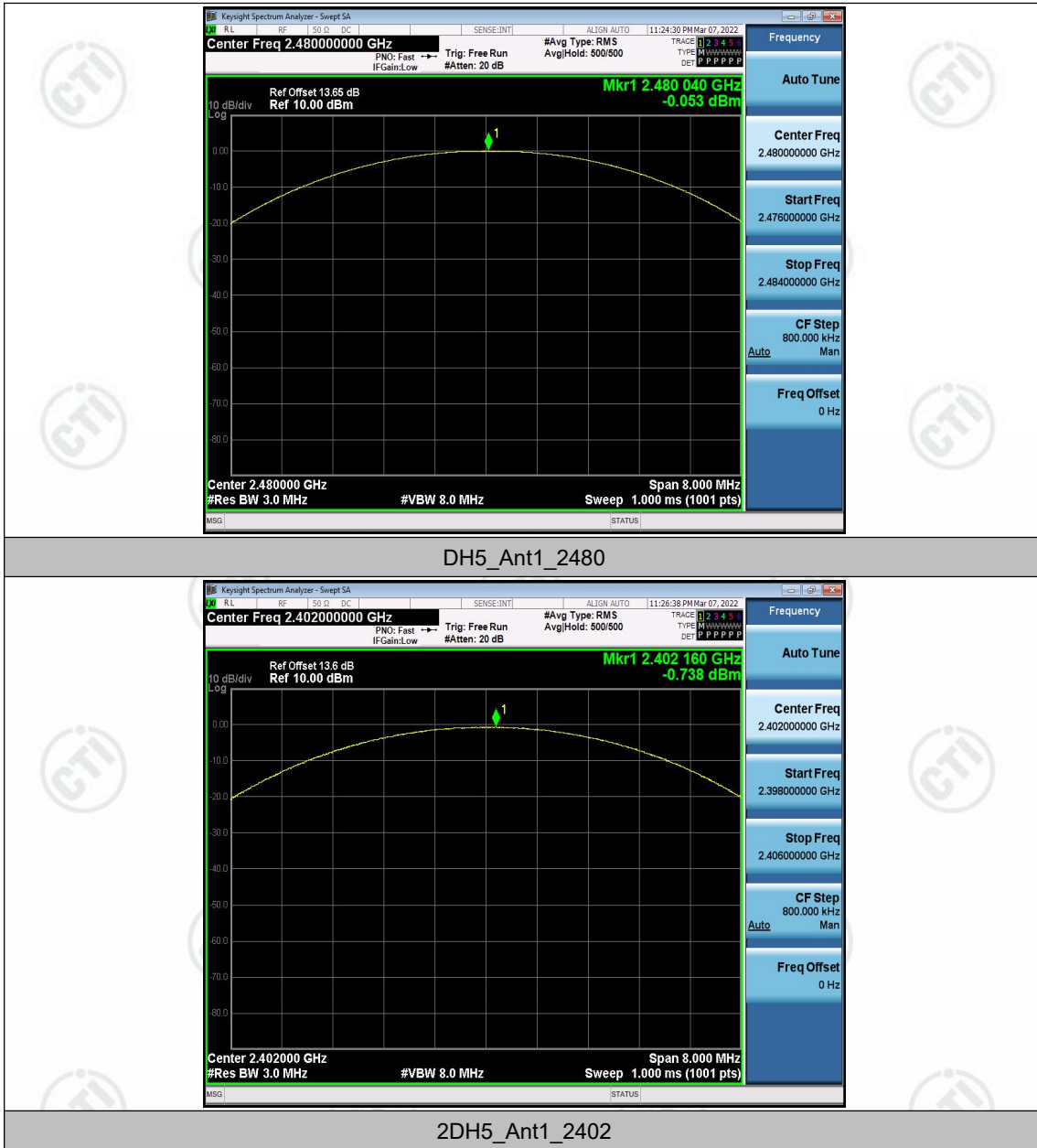


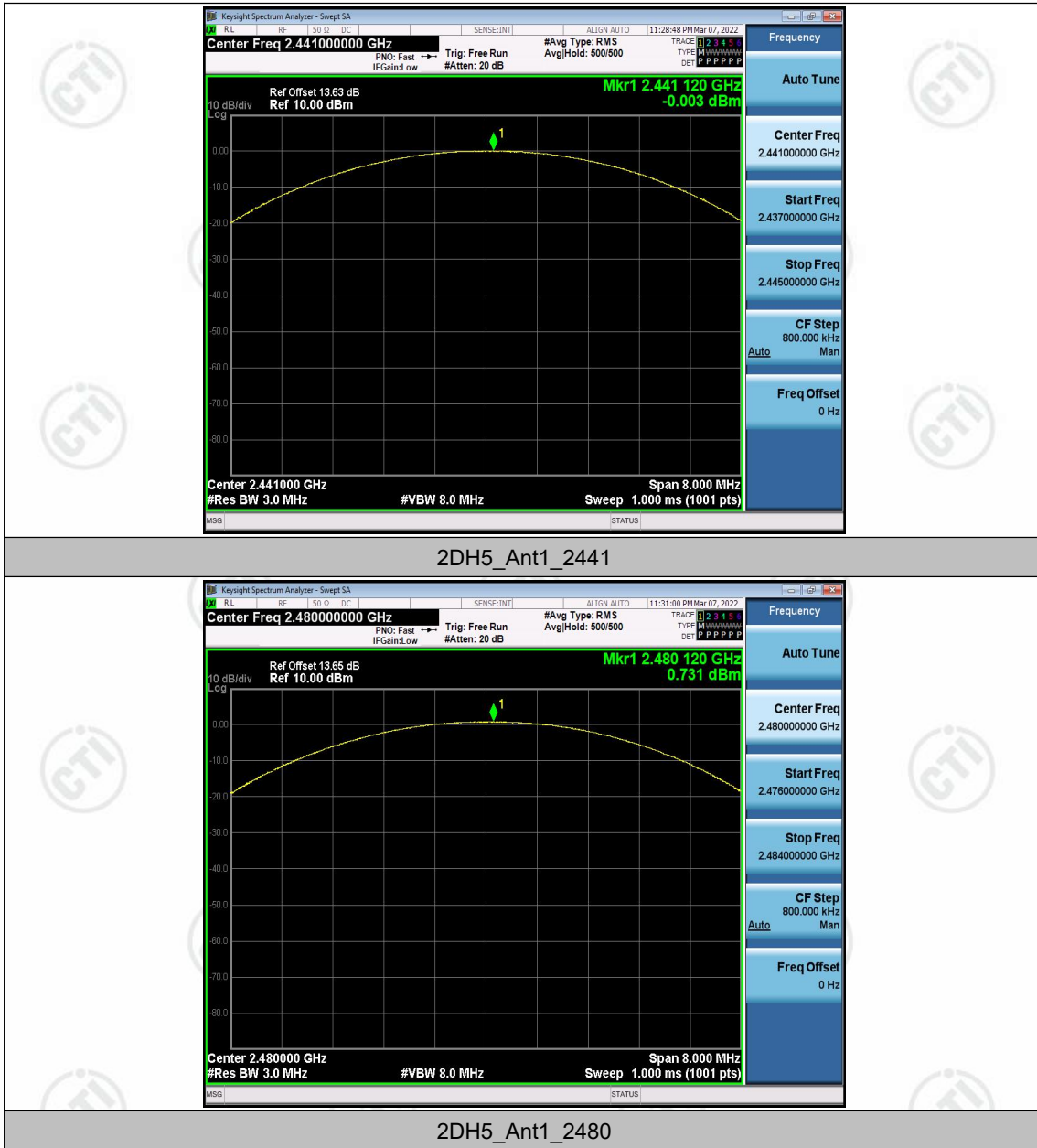
Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.52	<=20.97	PASS
		2441	-0.67	<=20.97	PASS
		2480	-0.05	<=20.97	PASS
2DH5	Ant1	2402	-0.74	<=20.97	PASS
		2441	0	<=20.97	PASS
		2480	0.73	<=20.97	PASS

Test Graphs



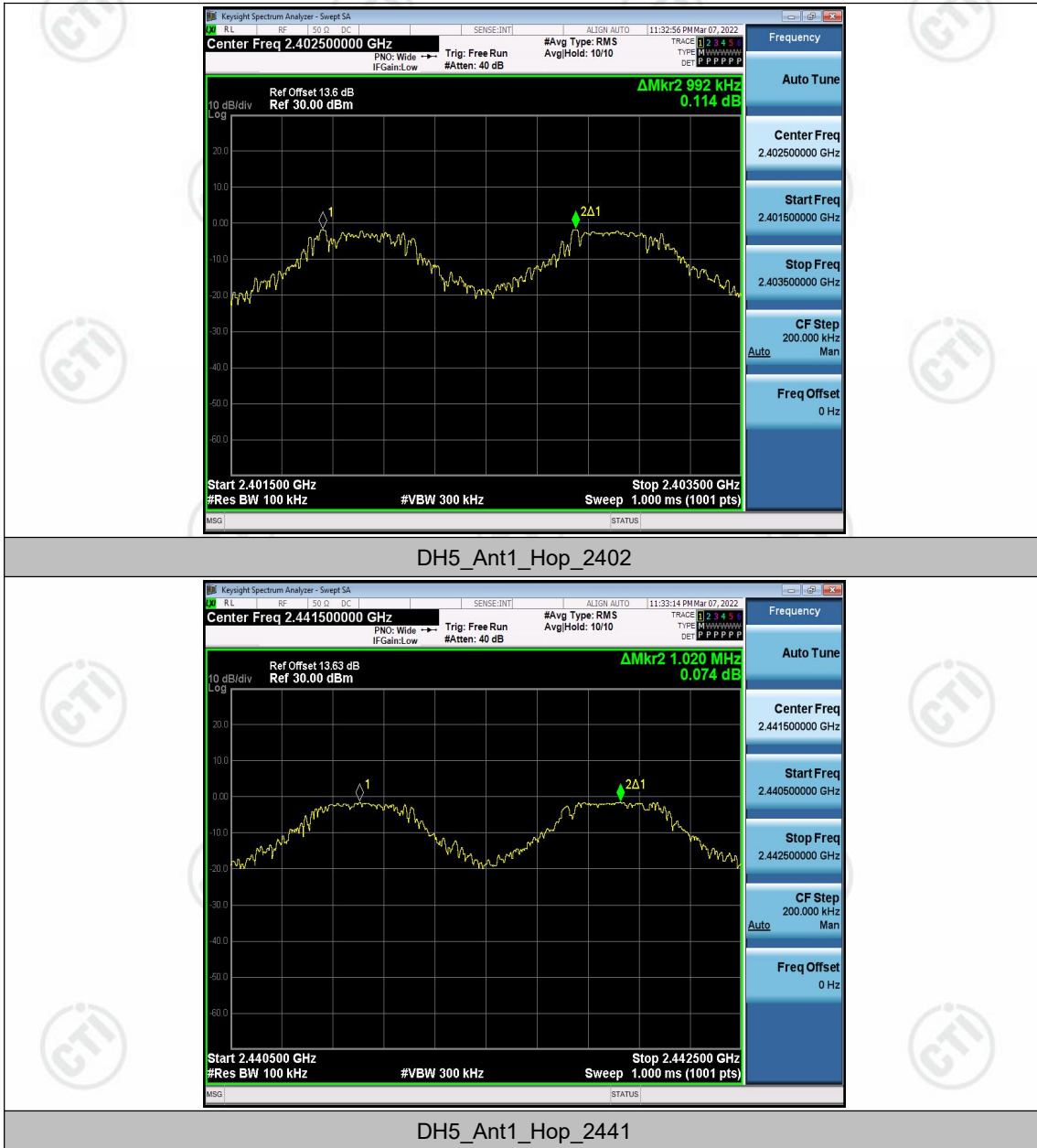


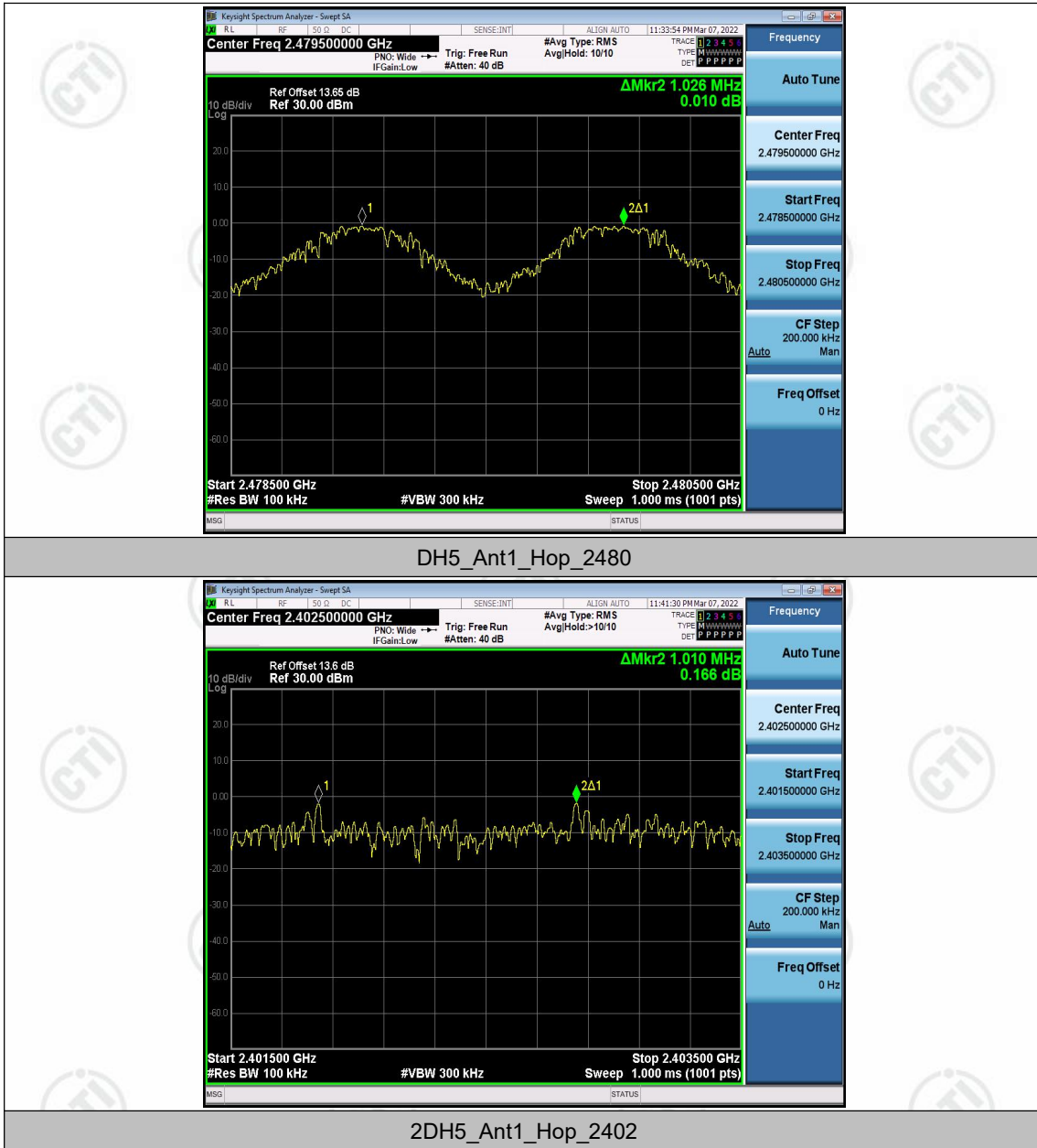


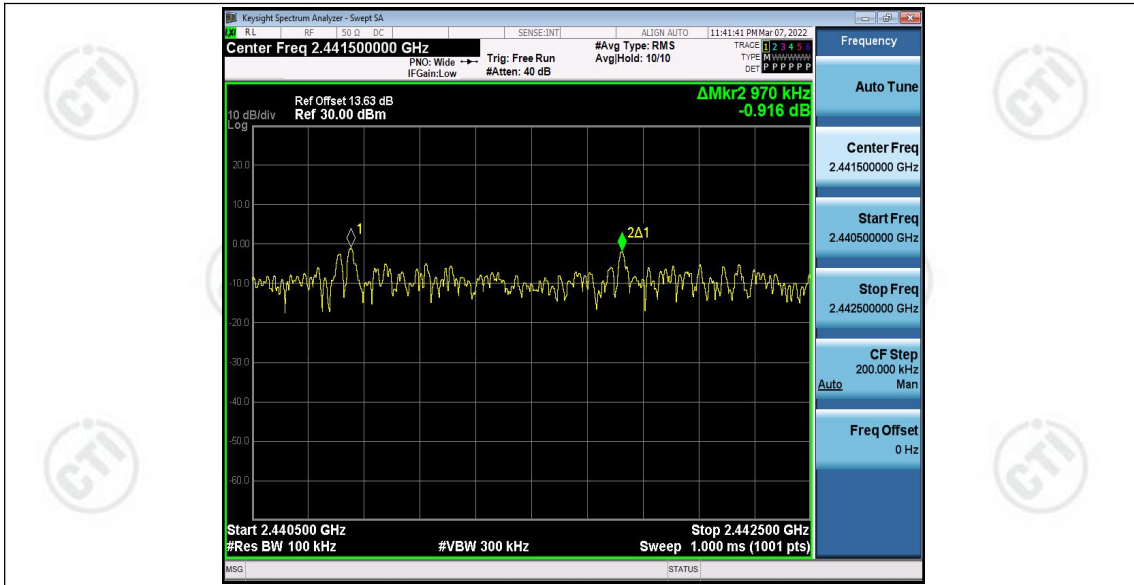
Appendix D: Carrier frequency separation**Test Result**

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	0.992	≥ 0.682	PASS
		Hop_2441	1.02	≥ 0.682	PASS
		Hop_2480	1.026	≥ 1.023	PASS
2DH5	Ant1	Hop_2402	1.01	≥ 0.880	PASS
		Hop_2441	0.97	≥ 0.880	PASS
		Hop_2480	1.094	≥ 0.880	PASS

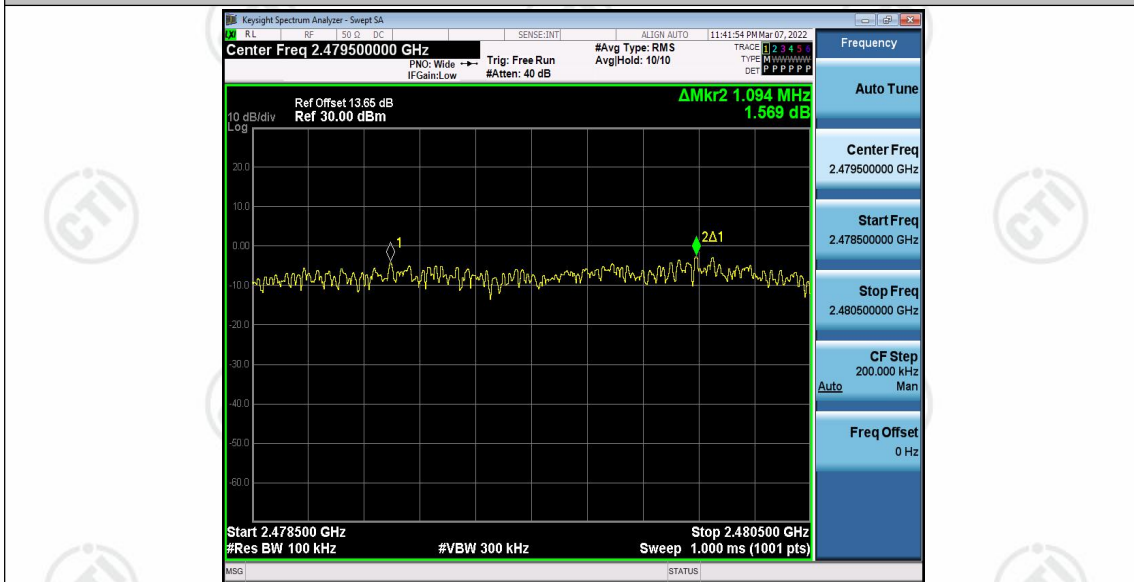
Test Graphs







2DH5_Ant1_Hop_2441

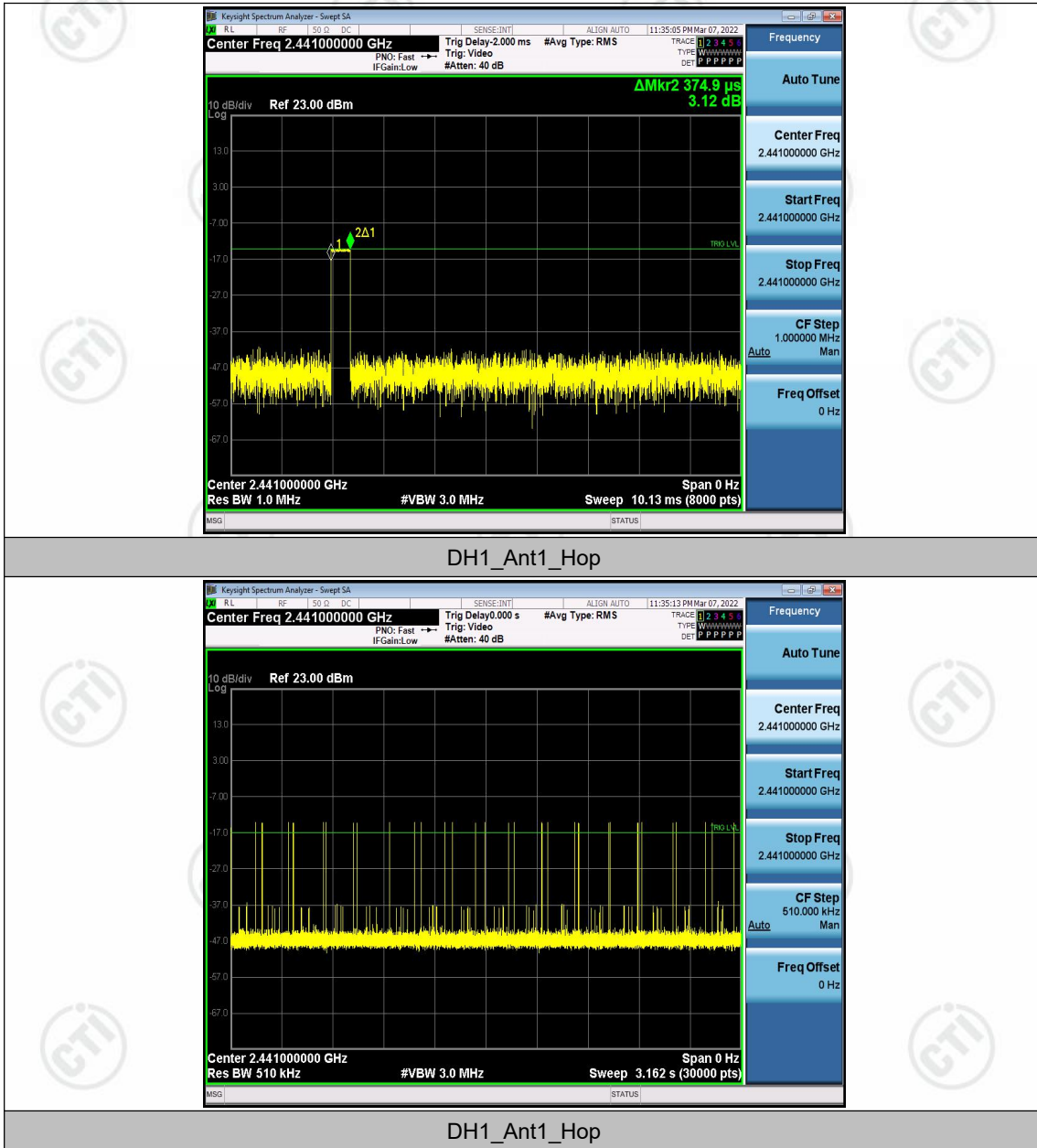


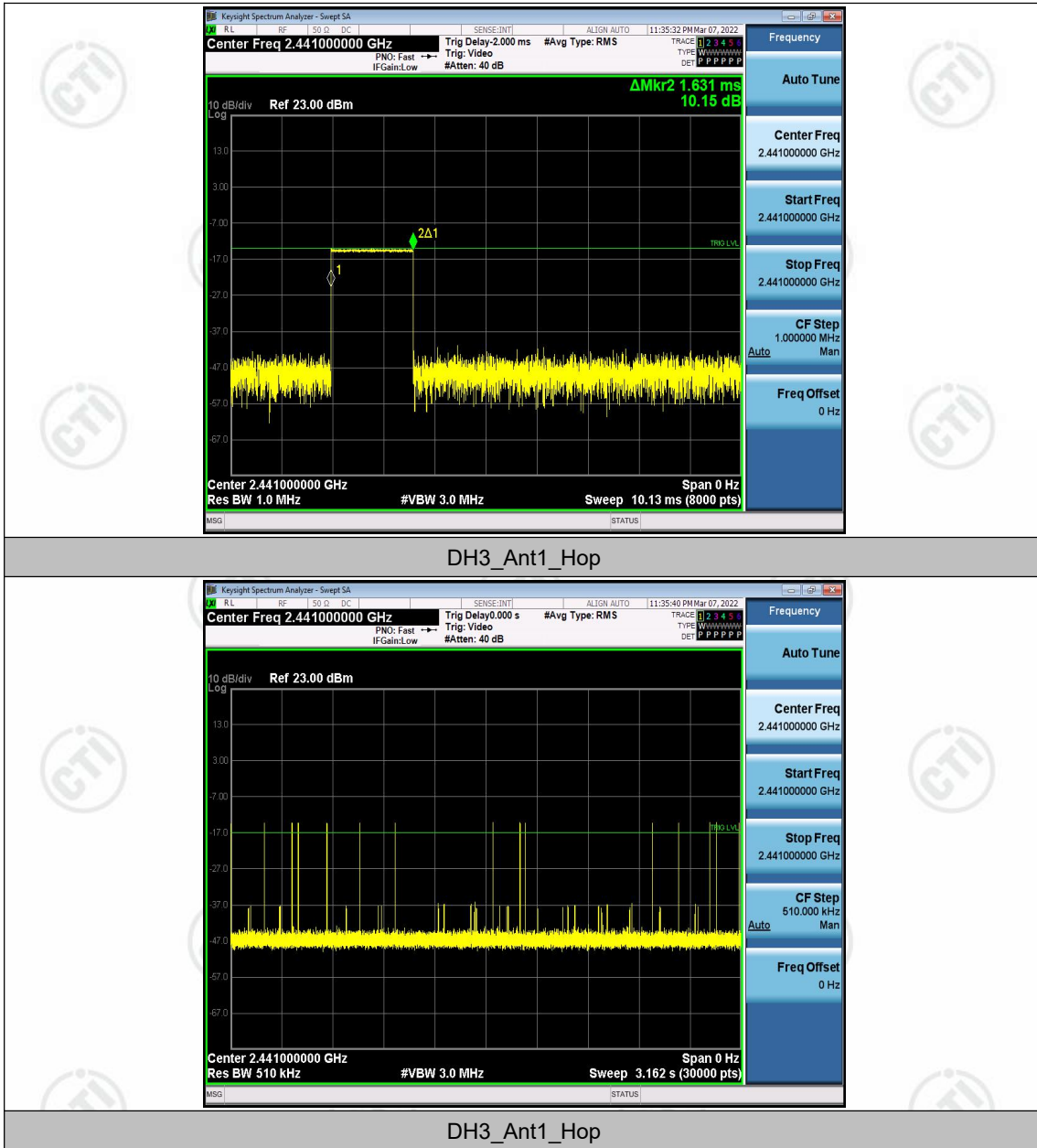
2DH5_Ant1_Hop_2480

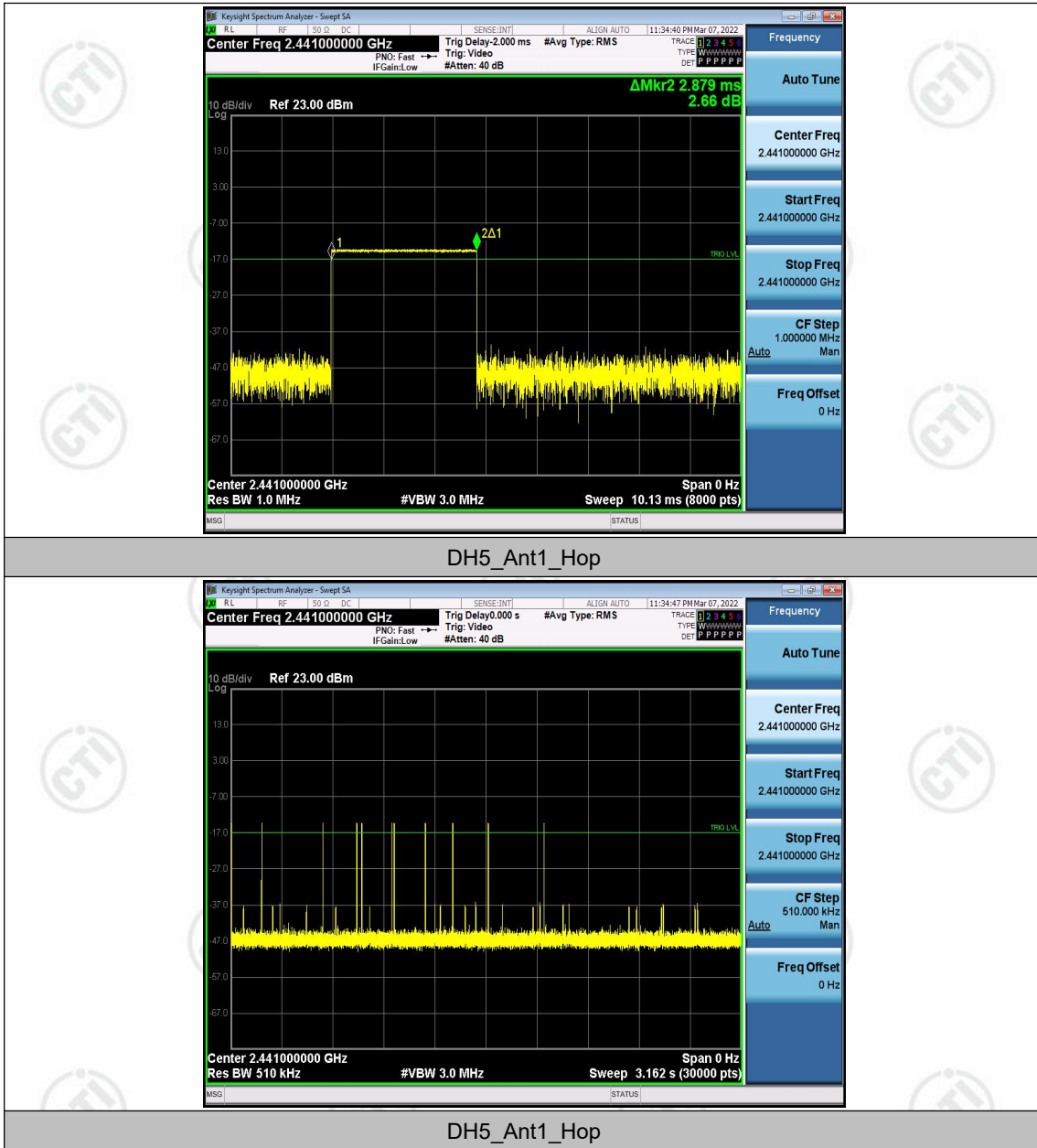
Appendix E: Time of occupancy**Test Result**

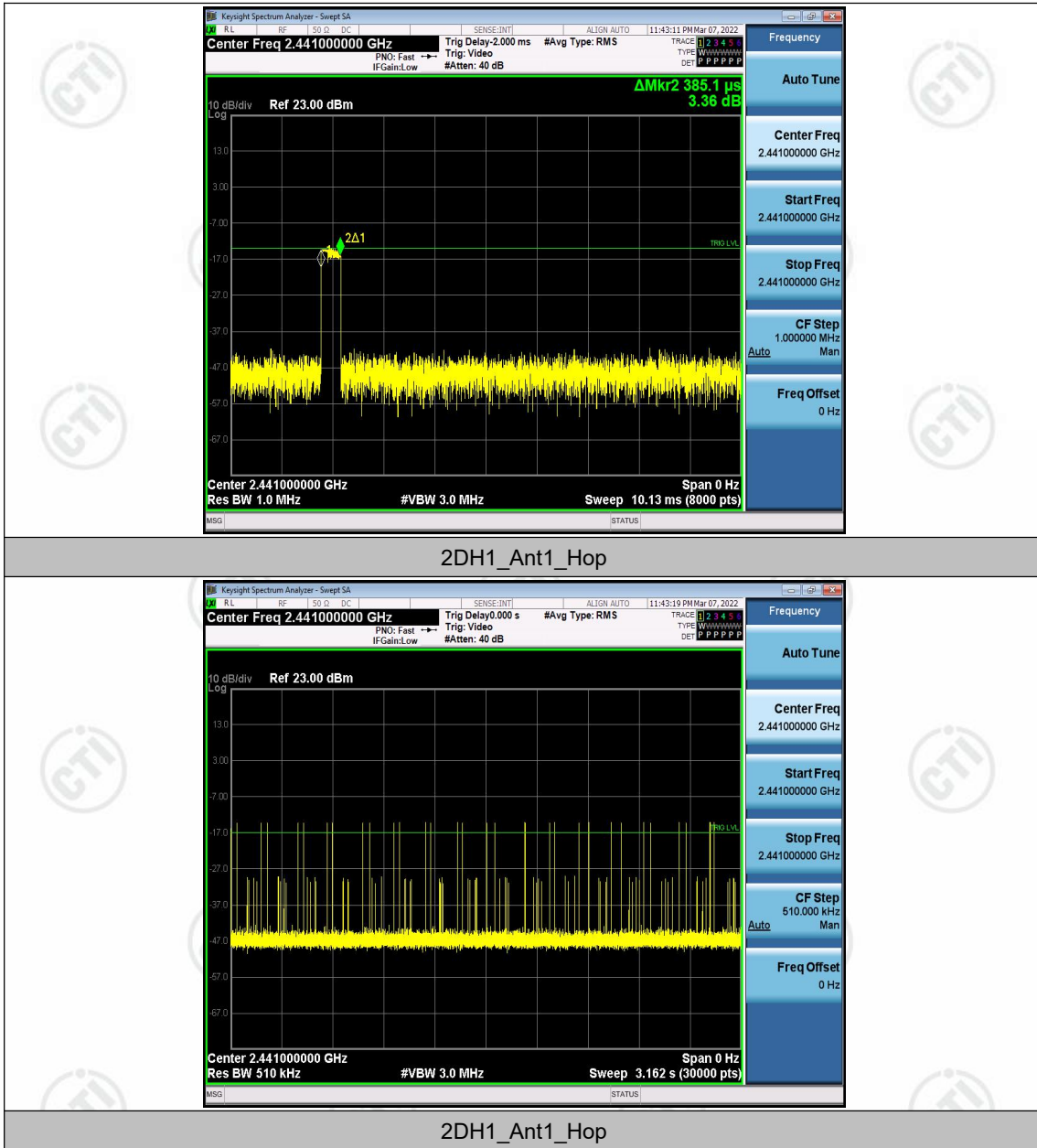
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.12	<=0.4	PASS
DH3	Ant1	Hop	1.63	150	0.245	<=0.4	PASS
DH5	Ant1	Hop	2.88	110	0.317	<=0.4	PASS
2DH1	Ant1	Hop	0.39	320	0.123	<=0.4	PASS
2DH3	Ant1	Hop	1.64	180	0.295	<=0.4	PASS
2DH5	Ant1	Hop	2.88	100	0.288	<=0.4	PASS

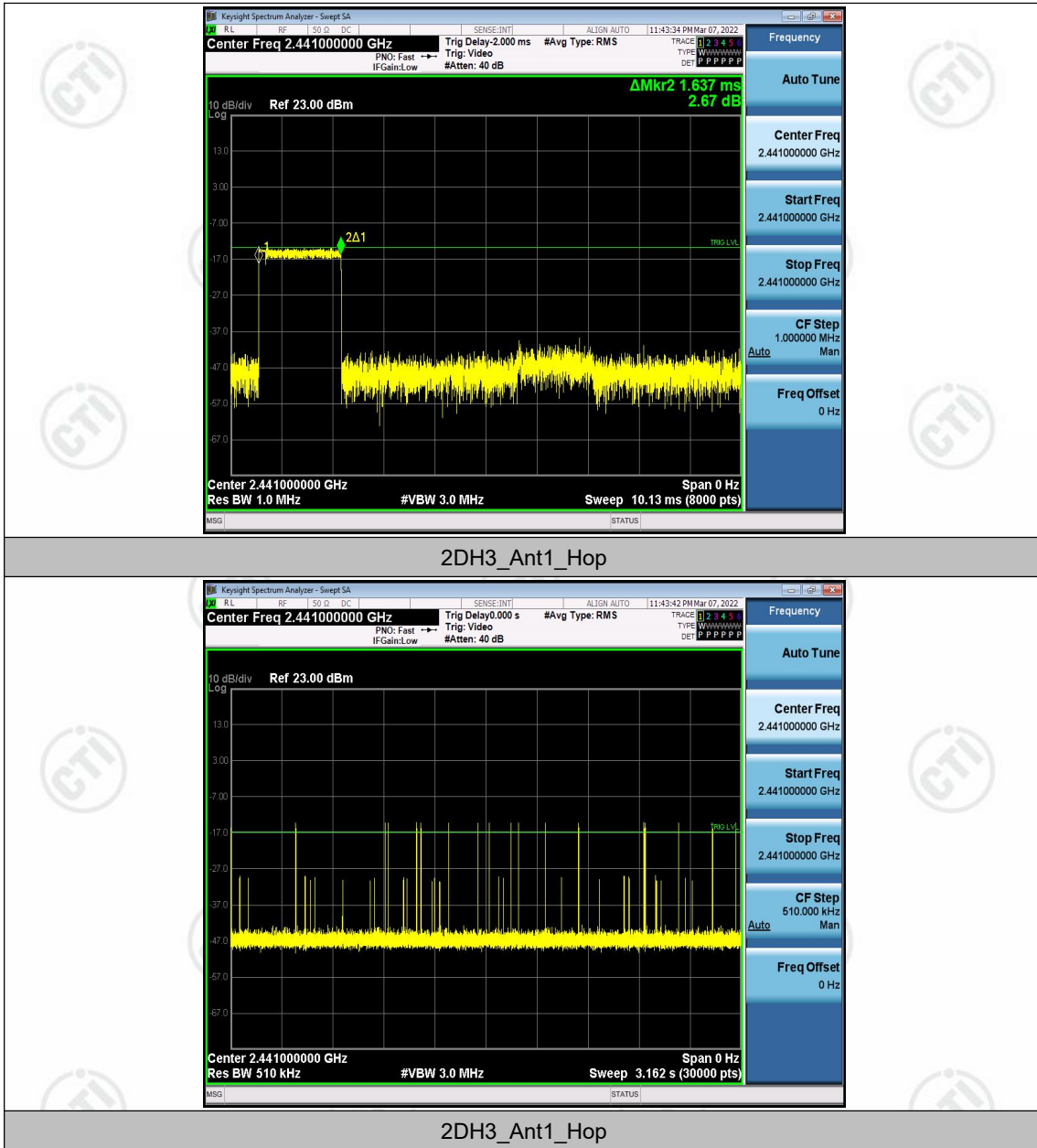
Test Graphs





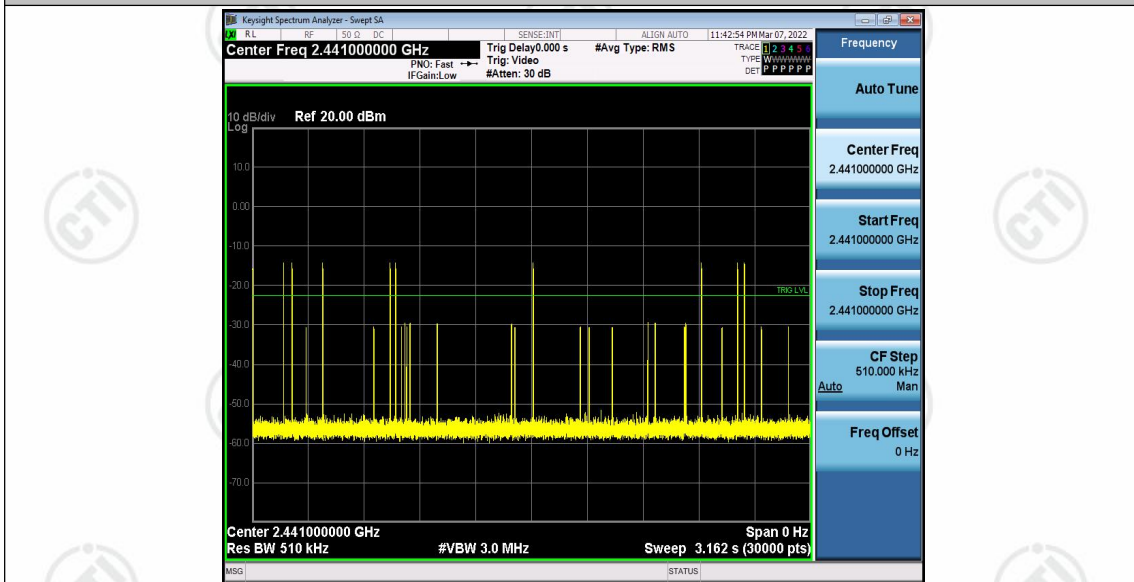








2DH5_Ant1_Hop

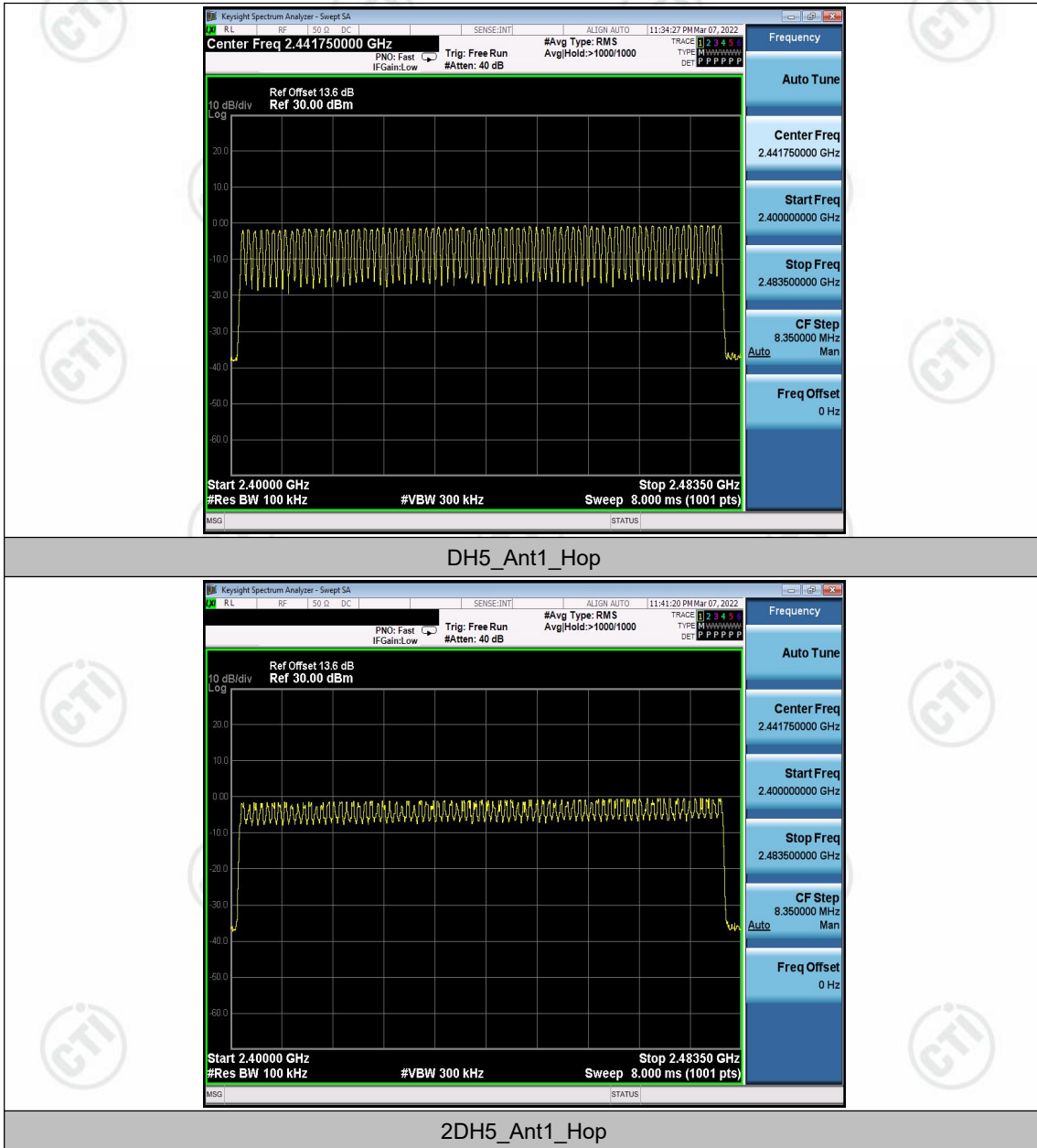


2DH5_Ant1_Hop

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

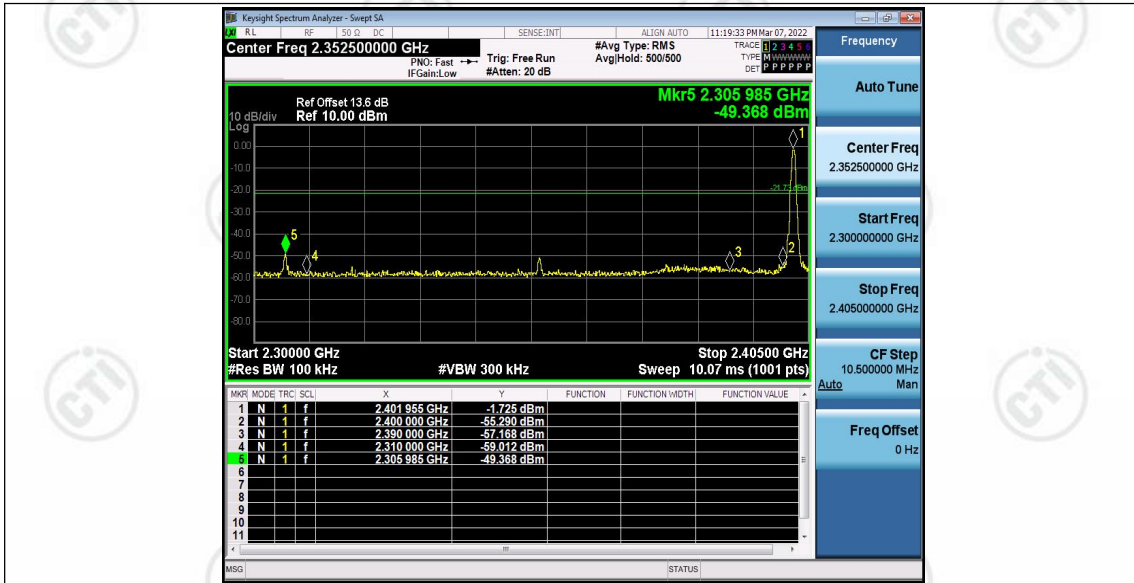


Appendix G:Band edge measurements

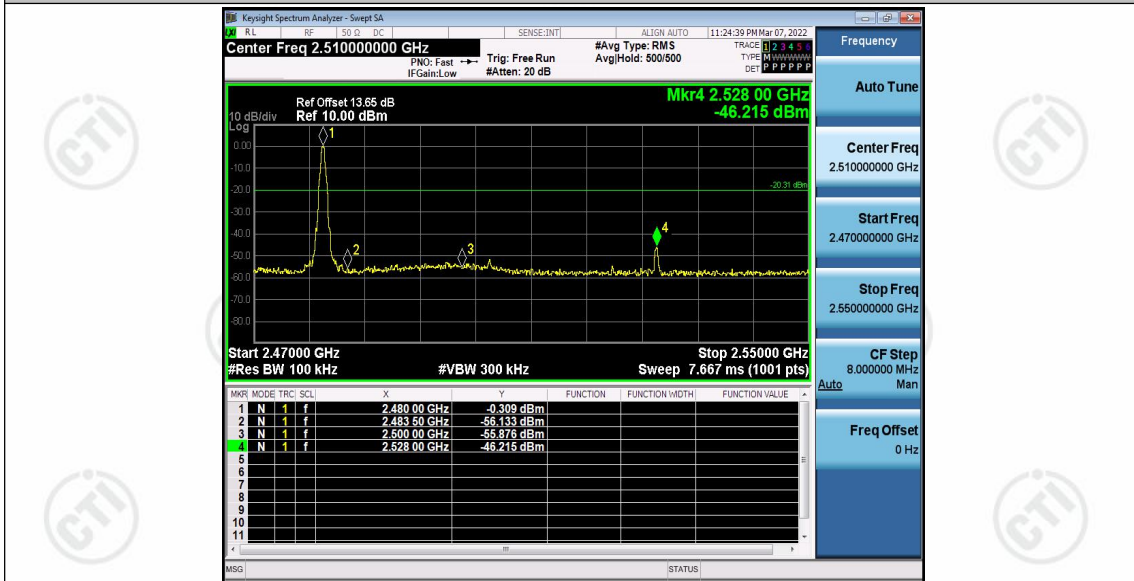
Test Result

Test Mode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.73	-49.37	<=-21.73	PASS
		High	2480	-0.31	-46.22	<=-20.31	PASS
		Low	Hop_2402	-2.11	-44.43	<=-22.11	PASS
		High	Hop_2480	-0.29	-41.88	<=-20.29	PASS
2DH5	Ant1	Low	2402	-1.81	-50.18	<=-21.81	PASS
		High	2480	-0.34	-47.55	<=-20.34	PASS
		Low	Hop_2402	-2.38	-44.34	<=-22.38	PASS
		High	Hop_2480	-0.36	-41.42	<=-20.36	PASS

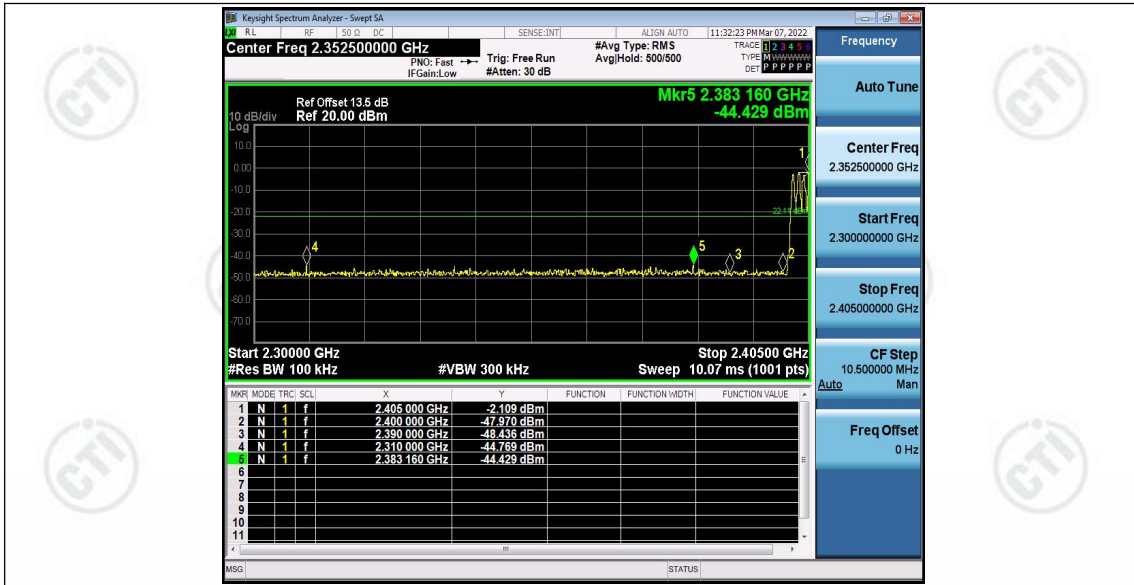
Test Graphs



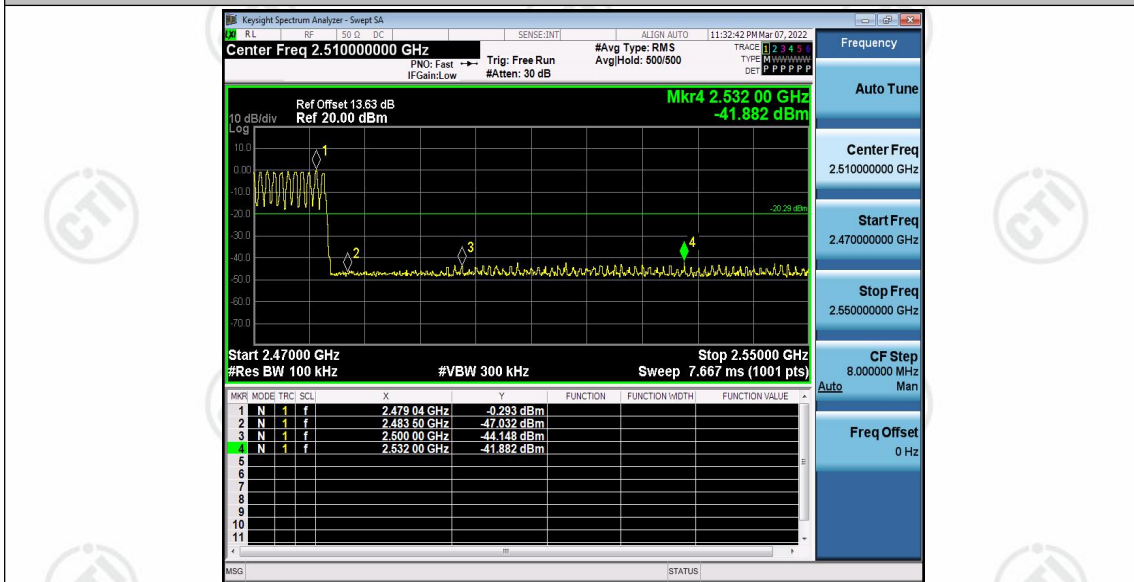
DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480