

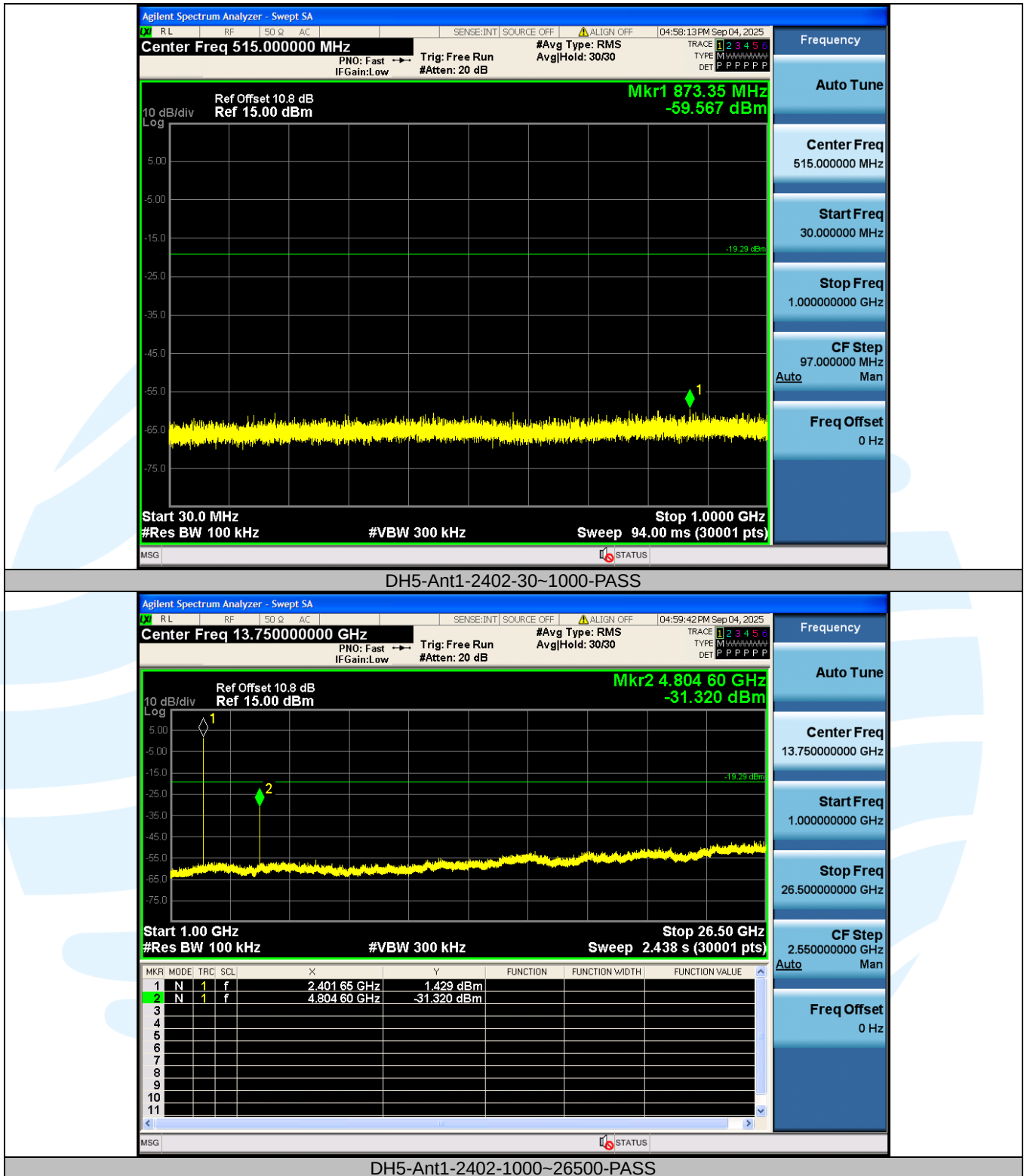
A.5 CONDUCTED OUT OF BAND EMISSION

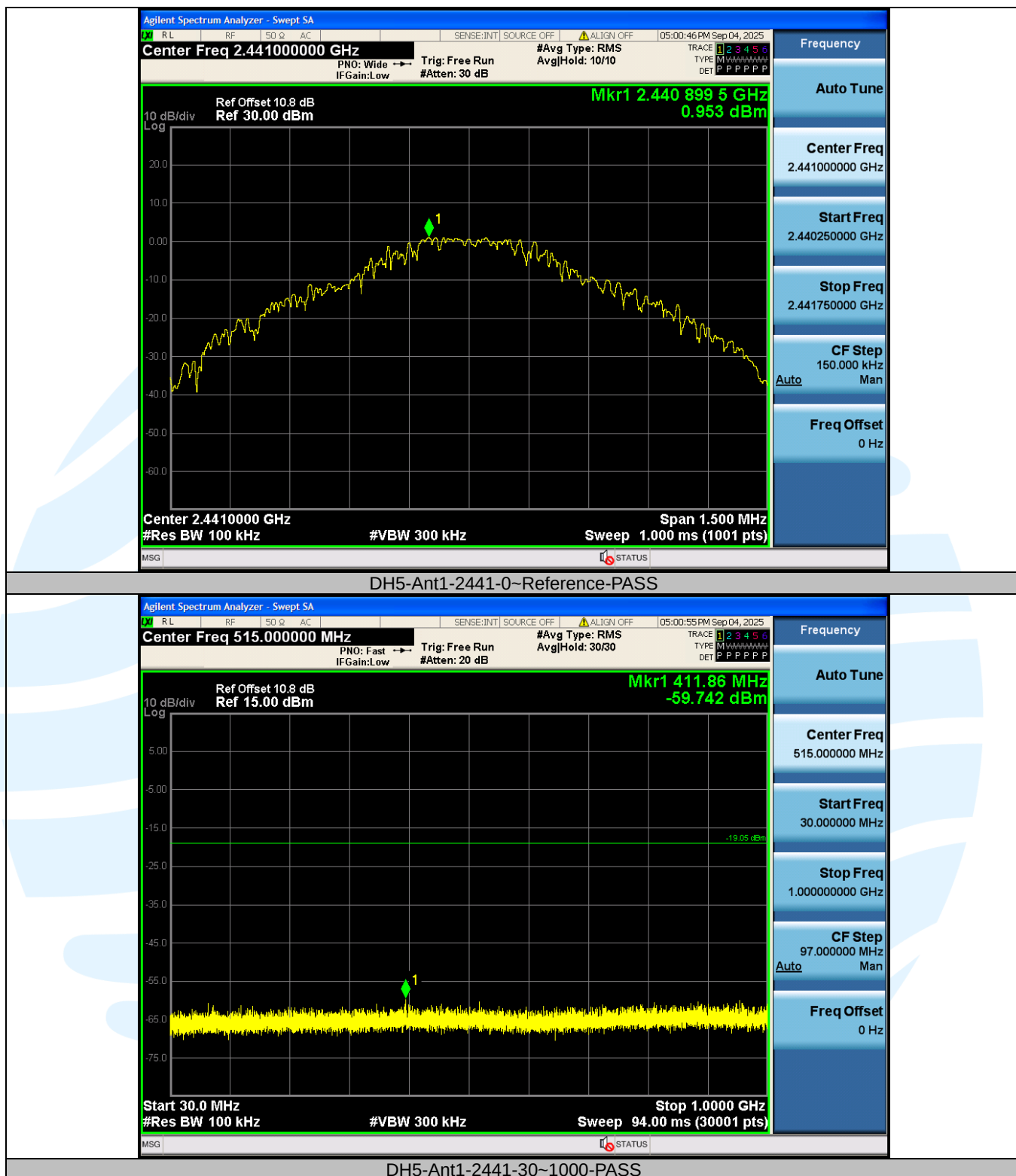
Left earbud Test Result

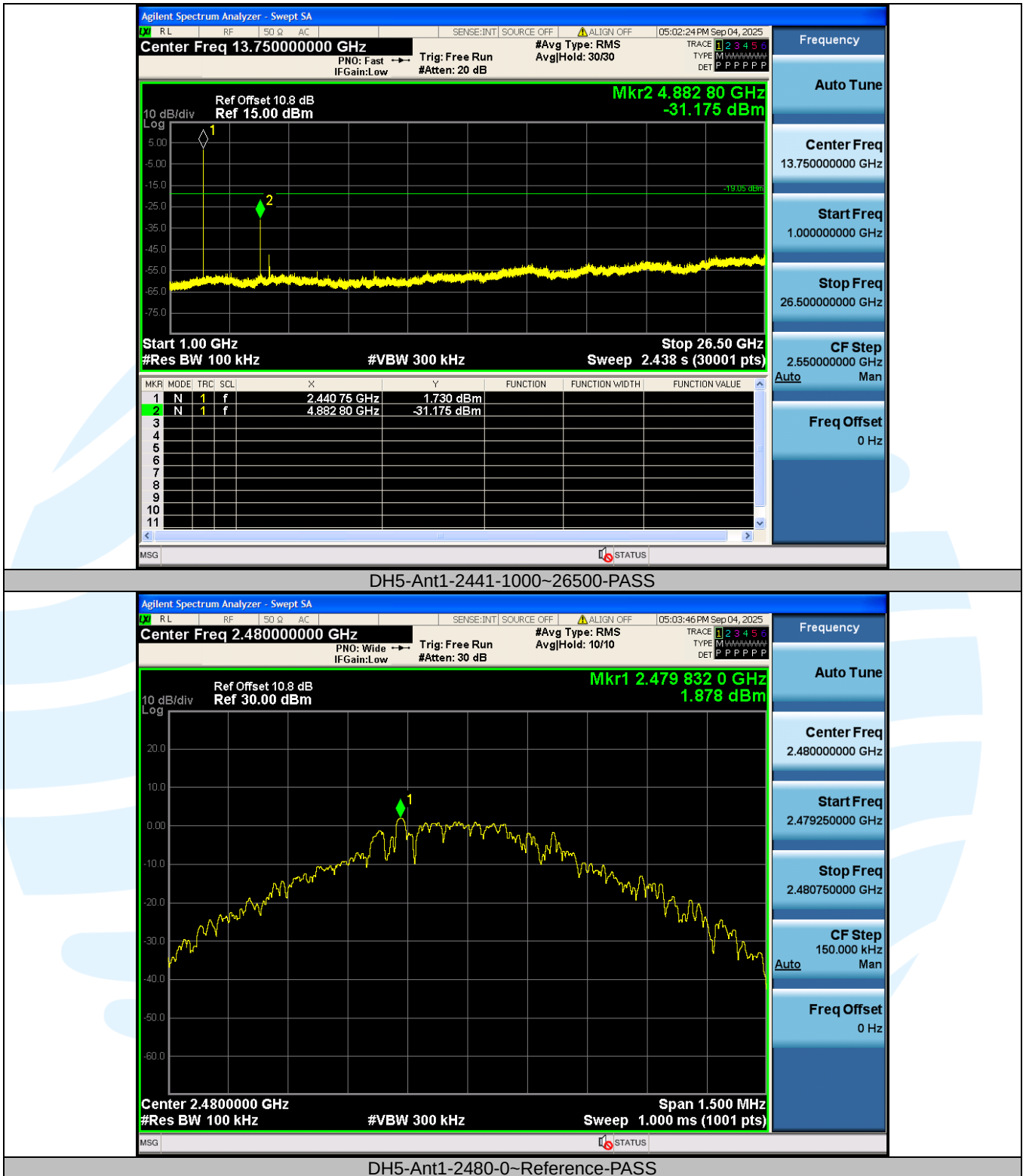
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.71	0.71	---	PASS
DH5	Ant1	2402	30~1000	0.71	-59.57	≤-19.29	PASS
DH5	Ant1	2402	1000~26500	0.71	-31.32	≤-19.29	PASS
DH5	Ant1	2441	0~Reference	0.95	0.95	---	PASS
DH5	Ant1	2441	30~1000	0.95	-59.74	≤-19.05	PASS
DH5	Ant1	2441	1000~26500	0.95	-31.18	≤-19.05	PASS
DH5	Ant1	2480	0~Reference	1.88	1.88	---	PASS
DH5	Ant1	2480	30~1000	1.88	-59.1	≤-18.12	PASS
DH5	Ant1	2480	1000~26500	1.88	-31.89	≤-18.12	PASS
3DH5	Ant1	2402	0~Reference	-2.36	-2.36	---	PASS
3DH5	Ant1	2402	30~1000	-2.36	-59.18	≤-22.36	PASS
3DH5	Ant1	2402	1000~26500	-2.36	-29.92	≤-22.36	PASS
3DH5	Ant1	2441	0~Reference	-0.39	-0.39	---	PASS
3DH5	Ant1	2441	30~1000	-0.39	-59.83	≤-20.39	PASS
3DH5	Ant1	2441	1000~26500	-0.39	-30.27	≤-20.39	PASS
3DH5	Ant1	2480	0~Reference	-1.81	-1.81	---	PASS
3DH5	Ant1	2480	30~1000	-1.81	-59.02	≤-21.81	PASS
3DH5	Ant1	2480	1000~26500	-1.81	-33.12	≤-21.81	PASS

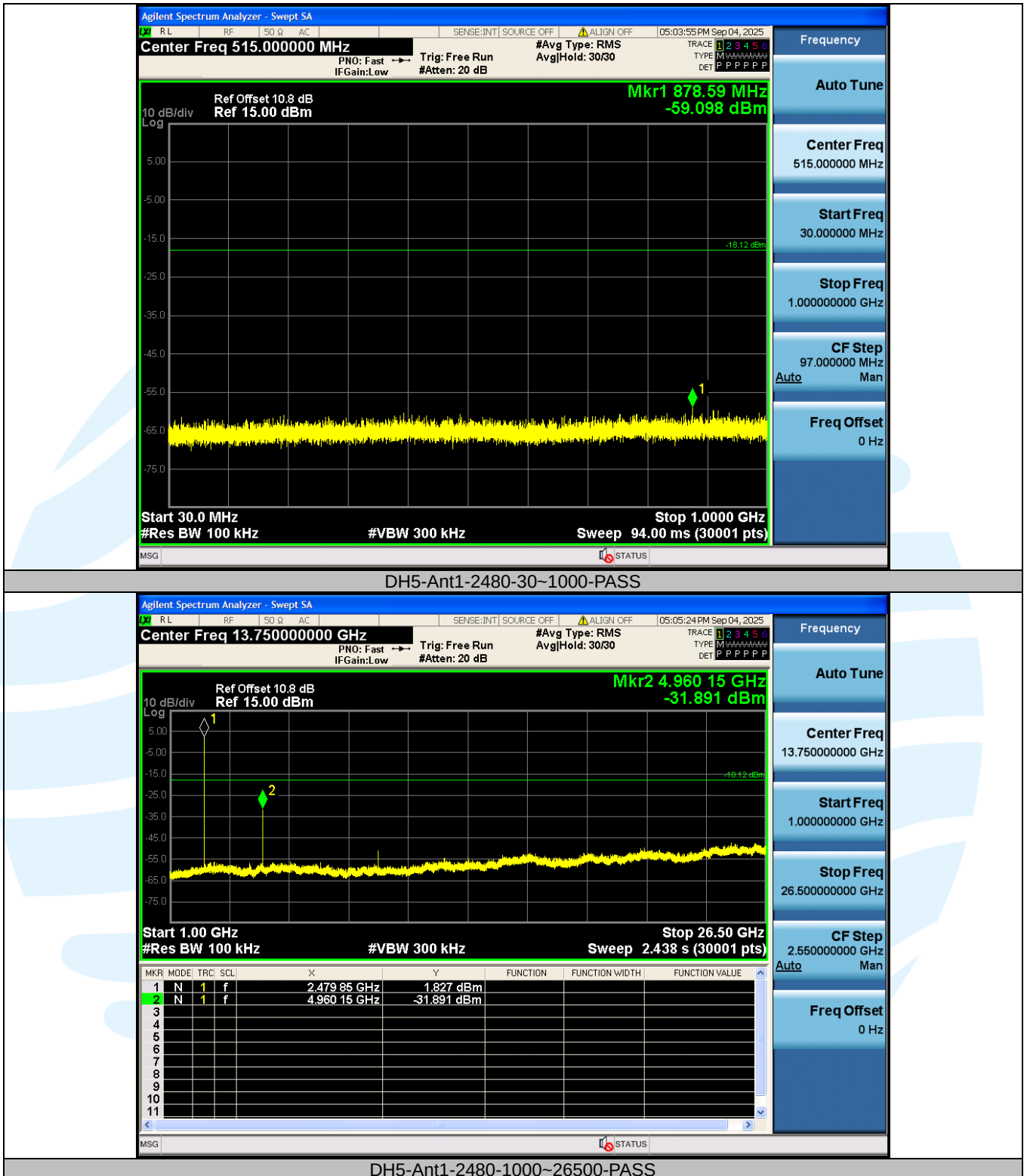
Test Graphs

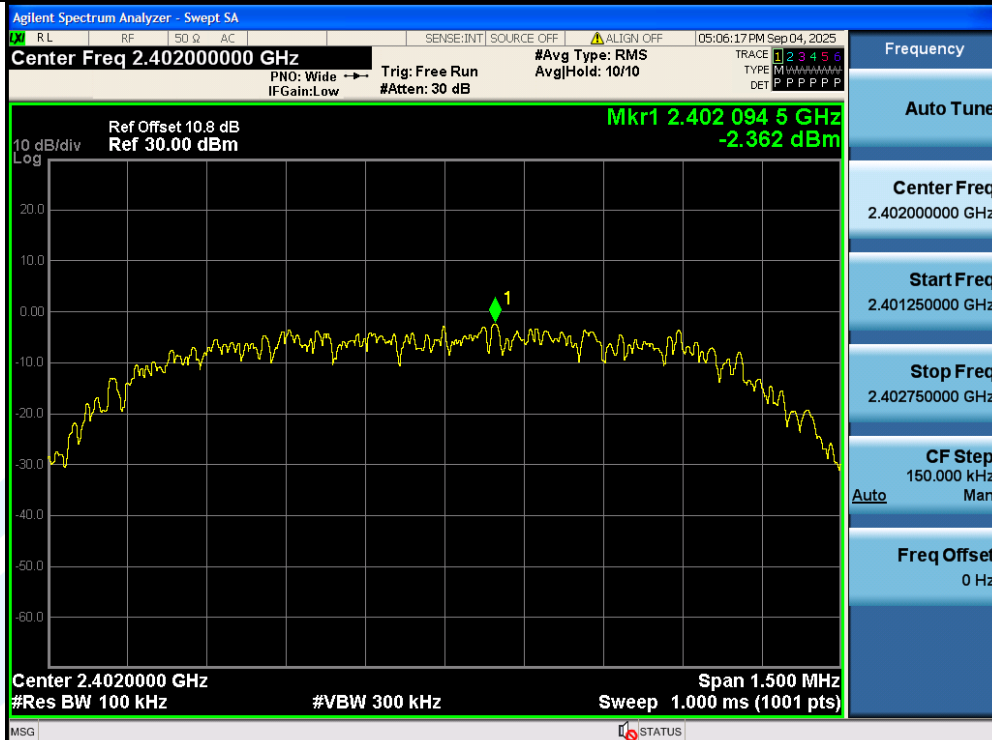




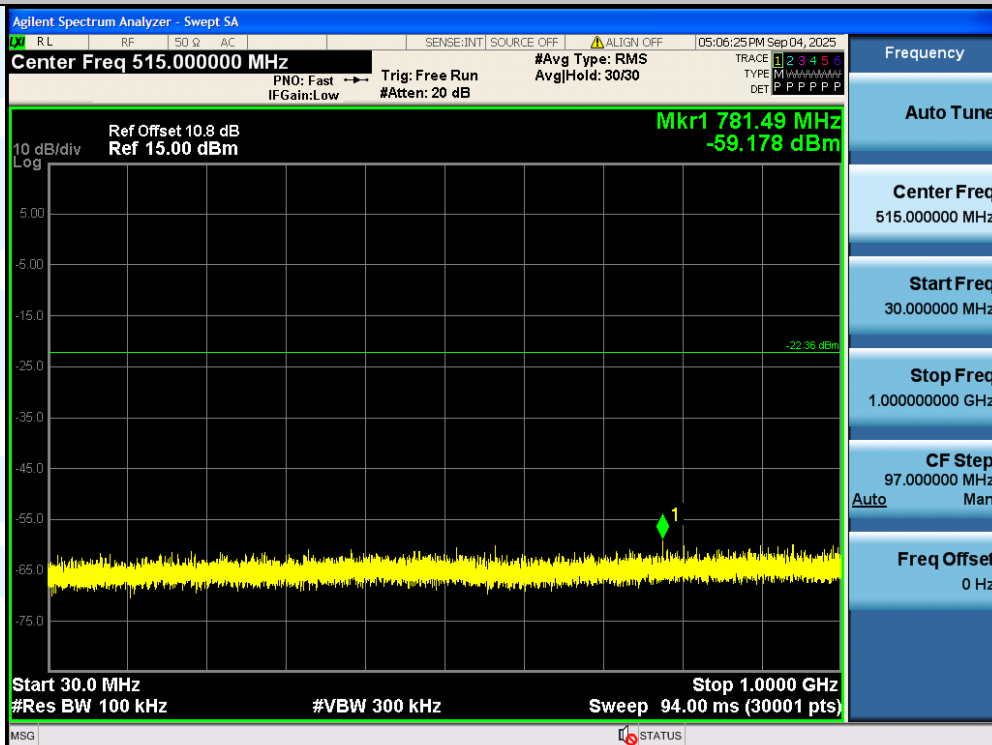




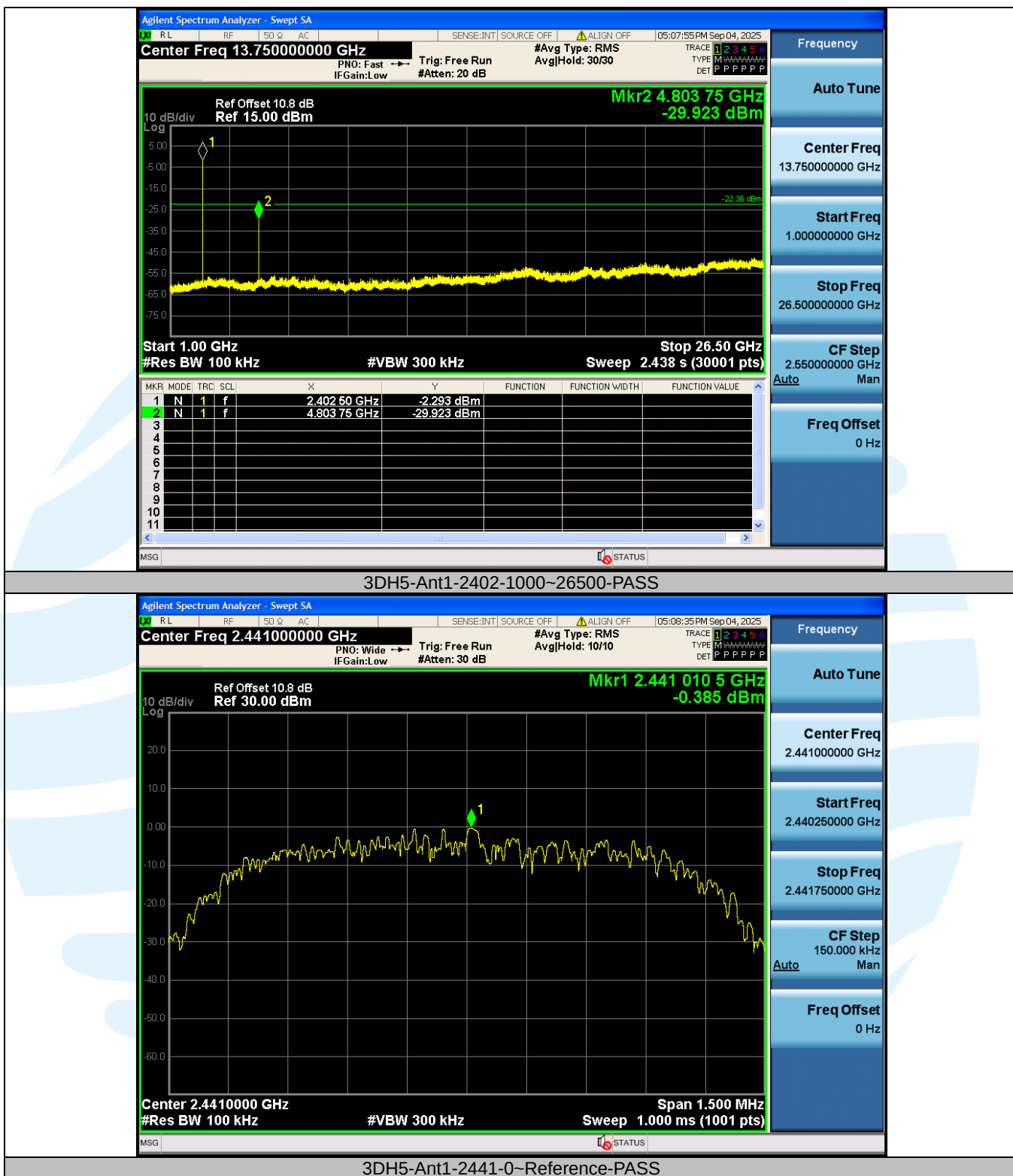


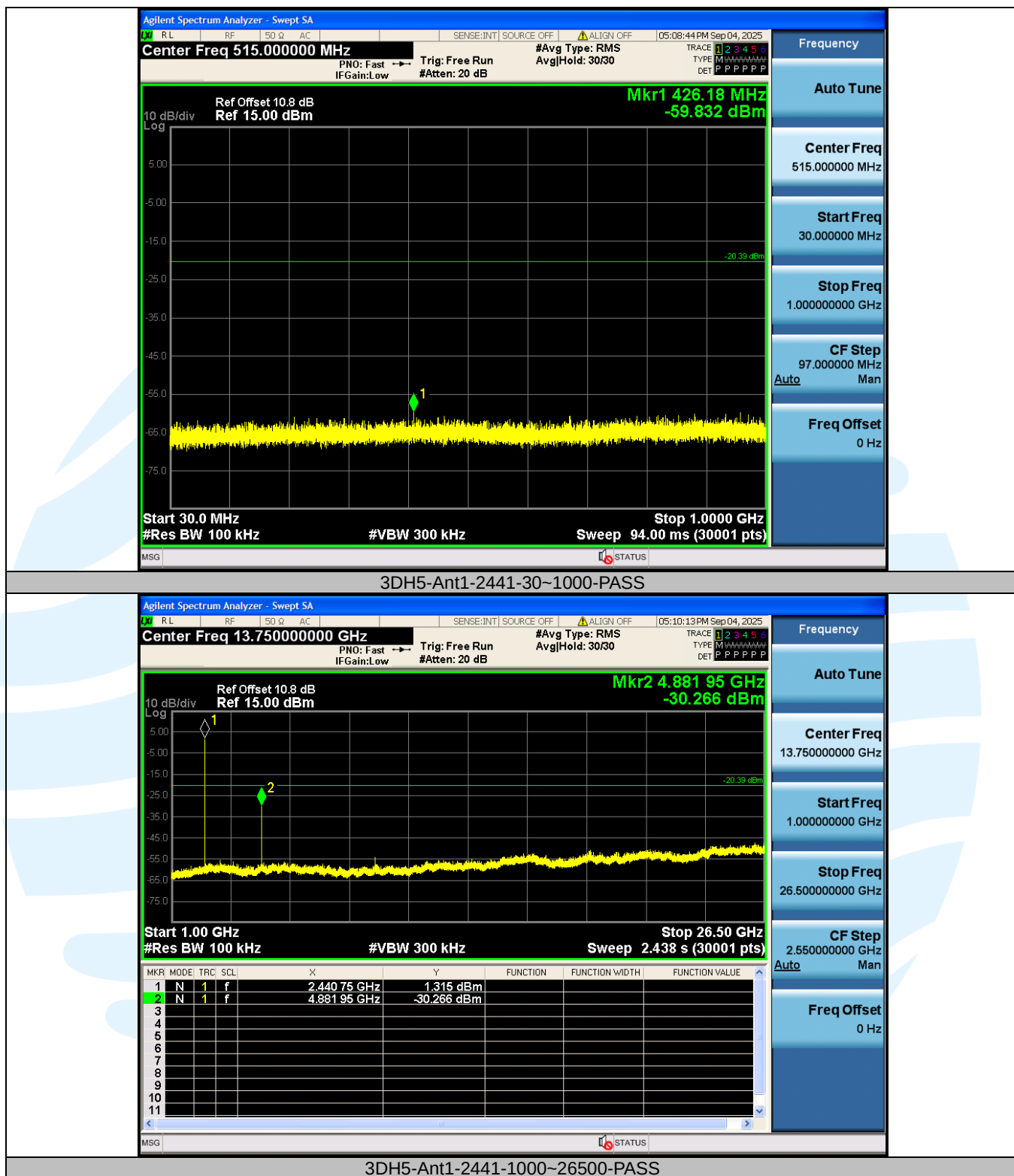


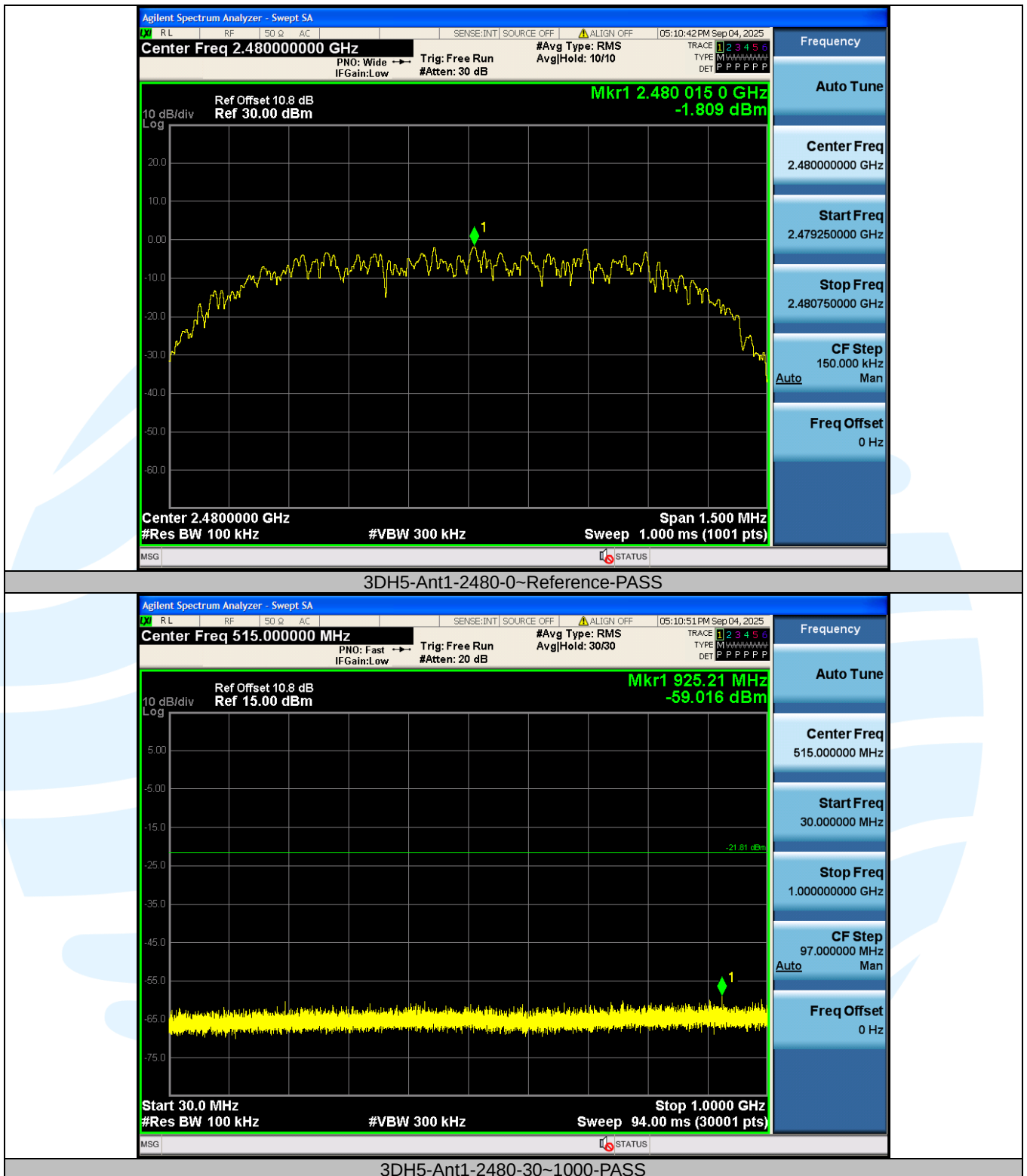
3DH5-Ant1-2402-0~Reference-PASS

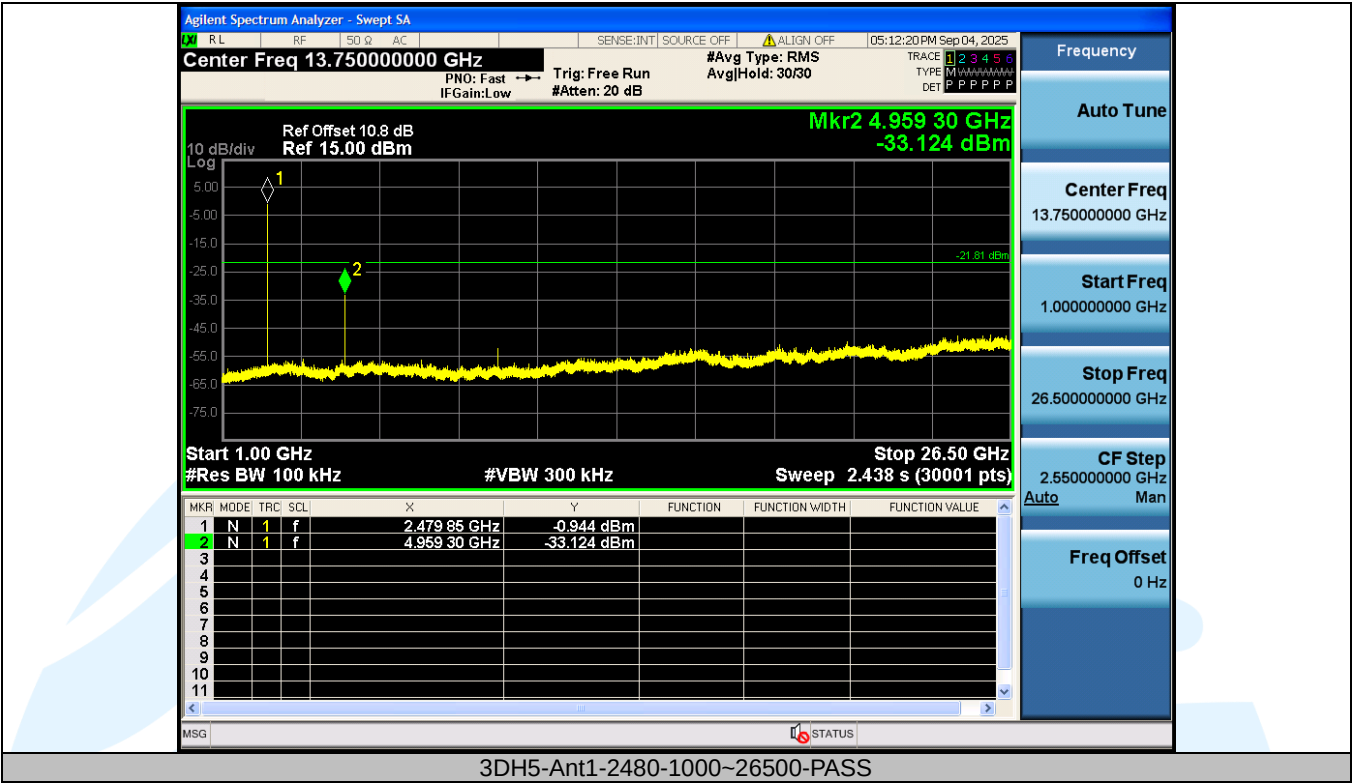


3DH5-Ant1-2402-30~1000-PASS







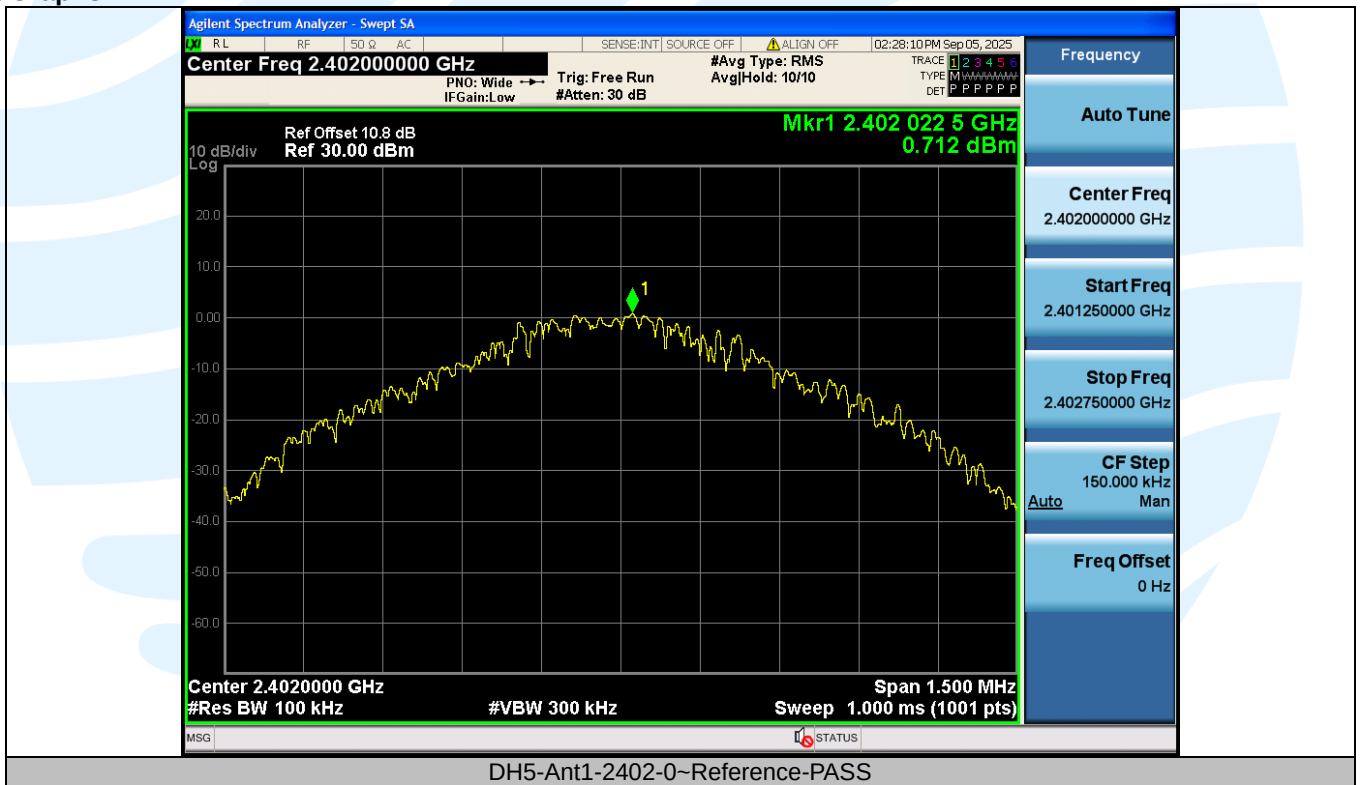


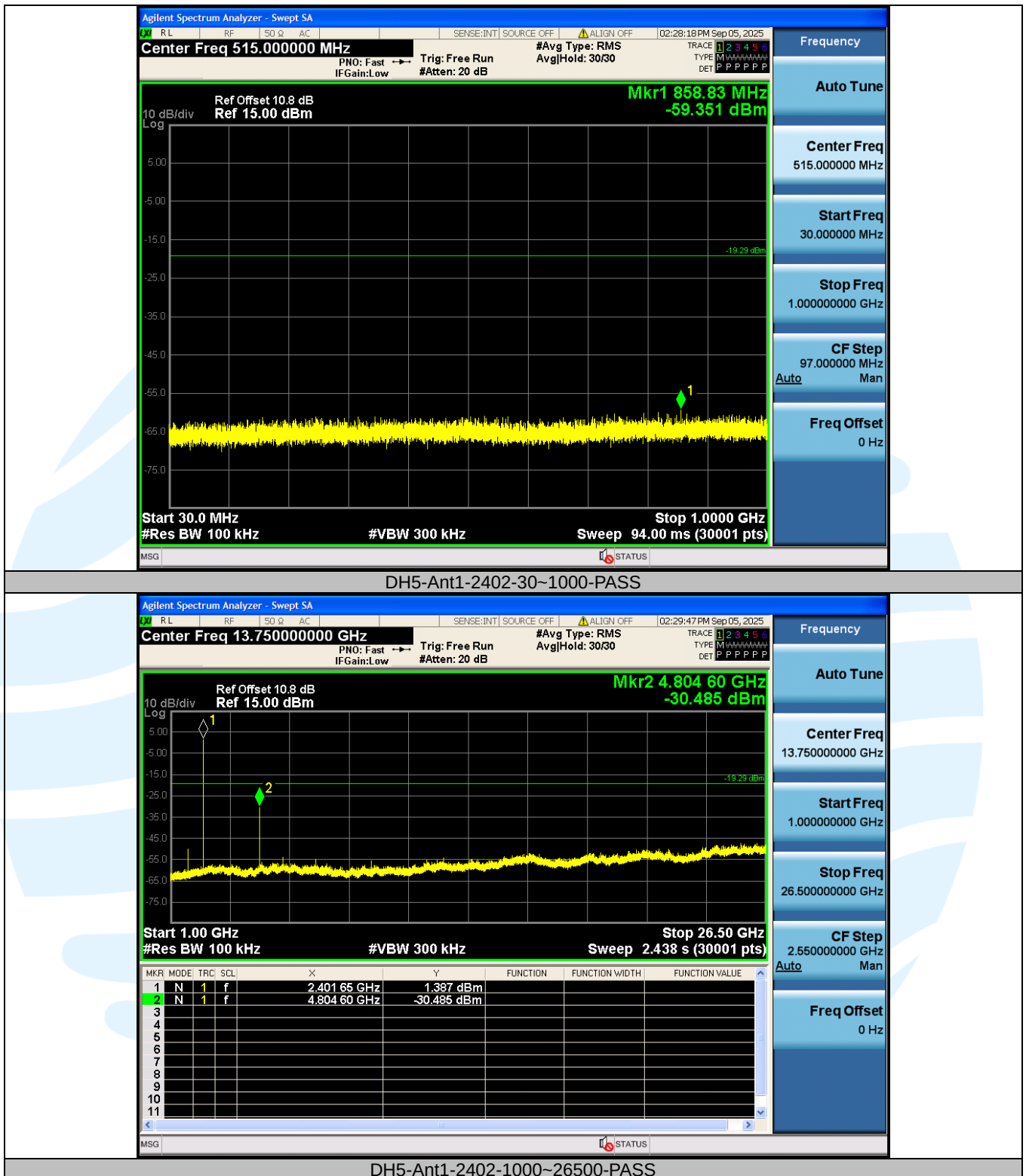
Right earbud

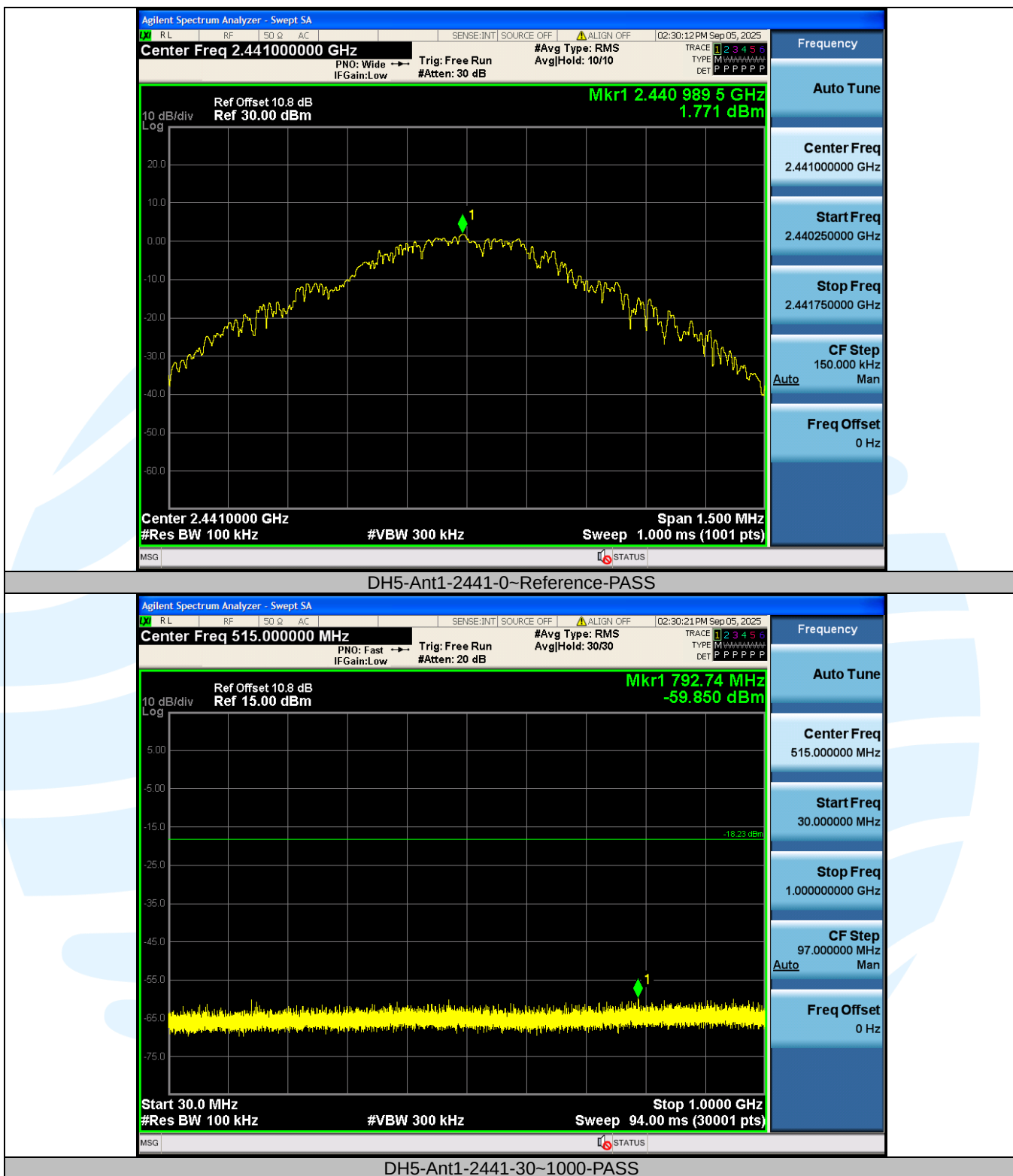
Test Result

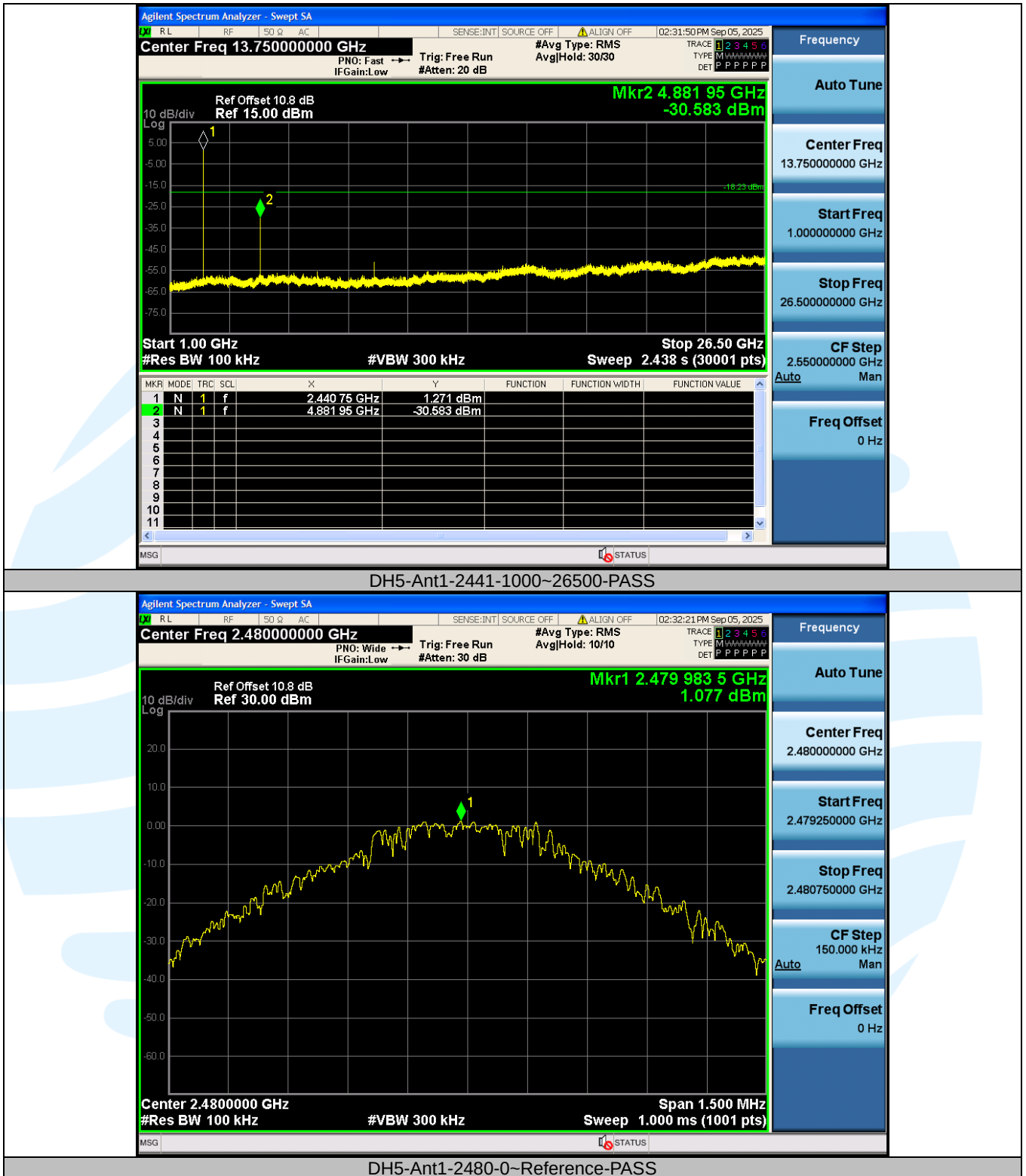
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.71	0.71	---	PASS
DH5	Ant1	2402	30~1000	0.71	-59.35	≤-19.29	PASS
DH5	Ant1	2402	1000~26500	0.71	-30.49	≤-19.29	PASS
DH5	Ant1	2441	0~Reference	1.77	1.77	---	PASS
DH5	Ant1	2441	30~1000	1.77	-59.85	≤-18.23	PASS
DH5	Ant1	2441	1000~26500	1.77	-30.58	≤-18.23	PASS
DH5	Ant1	2480	0~Reference	1.08	1.08	---	PASS
DH5	Ant1	2480	30~1000	1.08	-59.79	≤-18.92	PASS
DH5	Ant1	2480	1000~26500	1.08	-30.49	≤-18.92	PASS
3DH5	Ant1	2402	0~Reference	0.69	0.69	---	PASS
3DH5	Ant1	2402	30~1000	0.69	-59.51	≤-19.31	PASS
3DH5	Ant1	2402	1000~26500	0.69	-31.08	≤-19.31	PASS
3DH5	Ant1	2441	0~Reference	-0.82	-0.82	---	PASS
3DH5	Ant1	2441	30~1000	-0.82	-58.02	≤-20.82	PASS
3DH5	Ant1	2441	1000~26500	-0.82	-28.86	≤-20.82	PASS
3DH5	Ant1	2480	0~Reference	-1.74	-1.74	---	PASS
3DH5	Ant1	2480	30~1000	-1.74	-59.25	≤-21.74	PASS
3DH5	Ant1	2480	1000~26500	-1.74	-32.19	≤-21.74	PASS

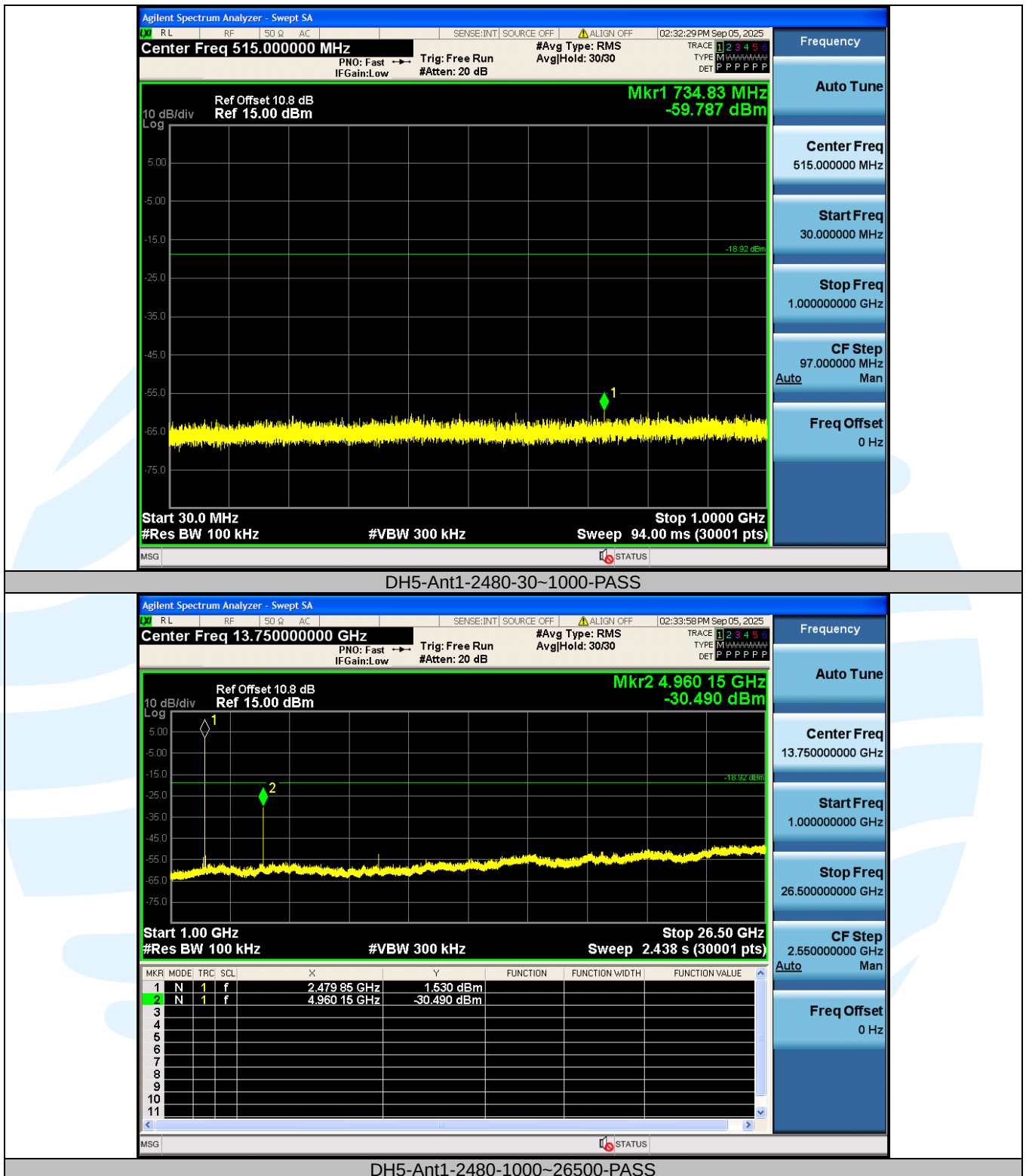
Test Graphs

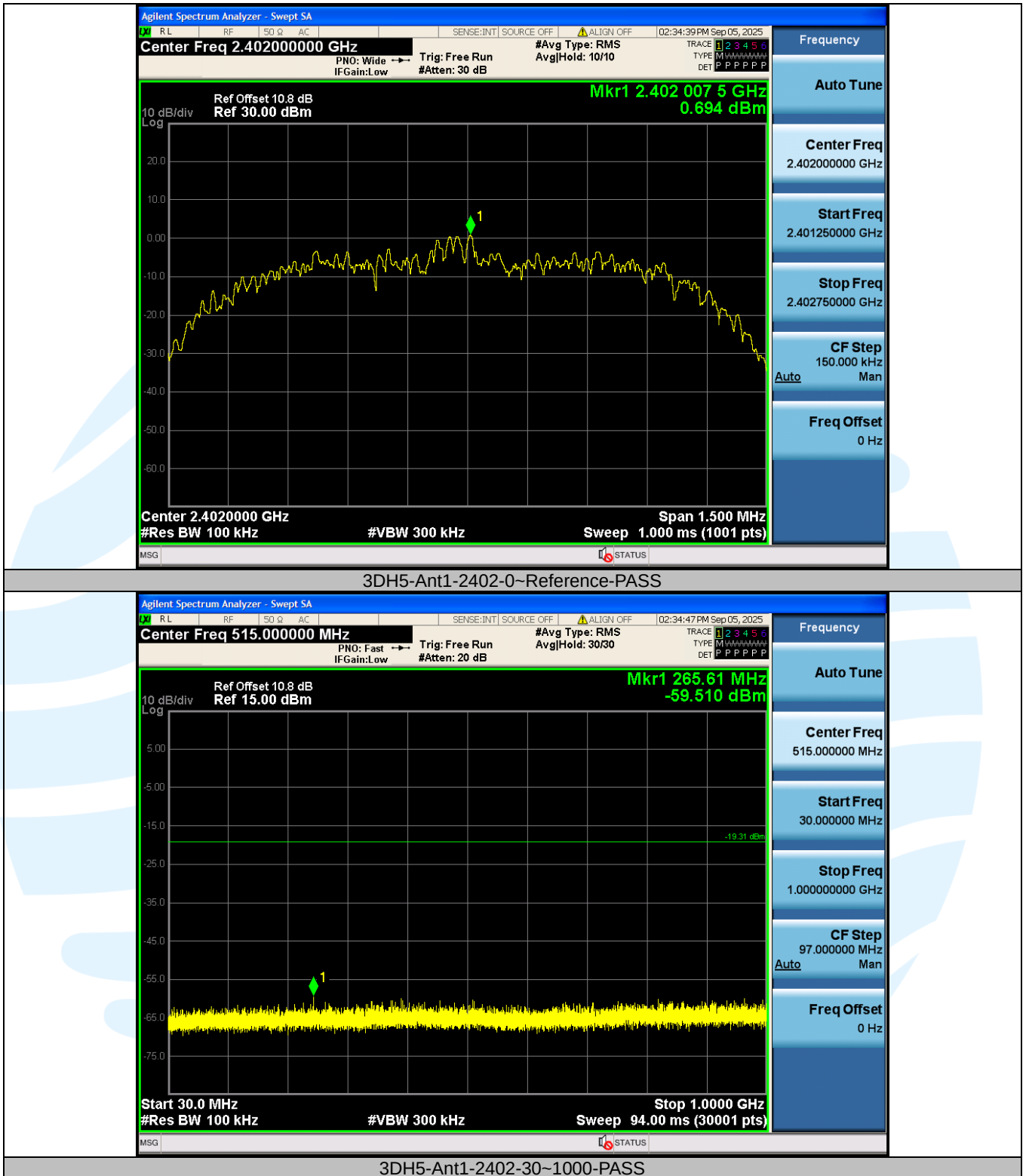


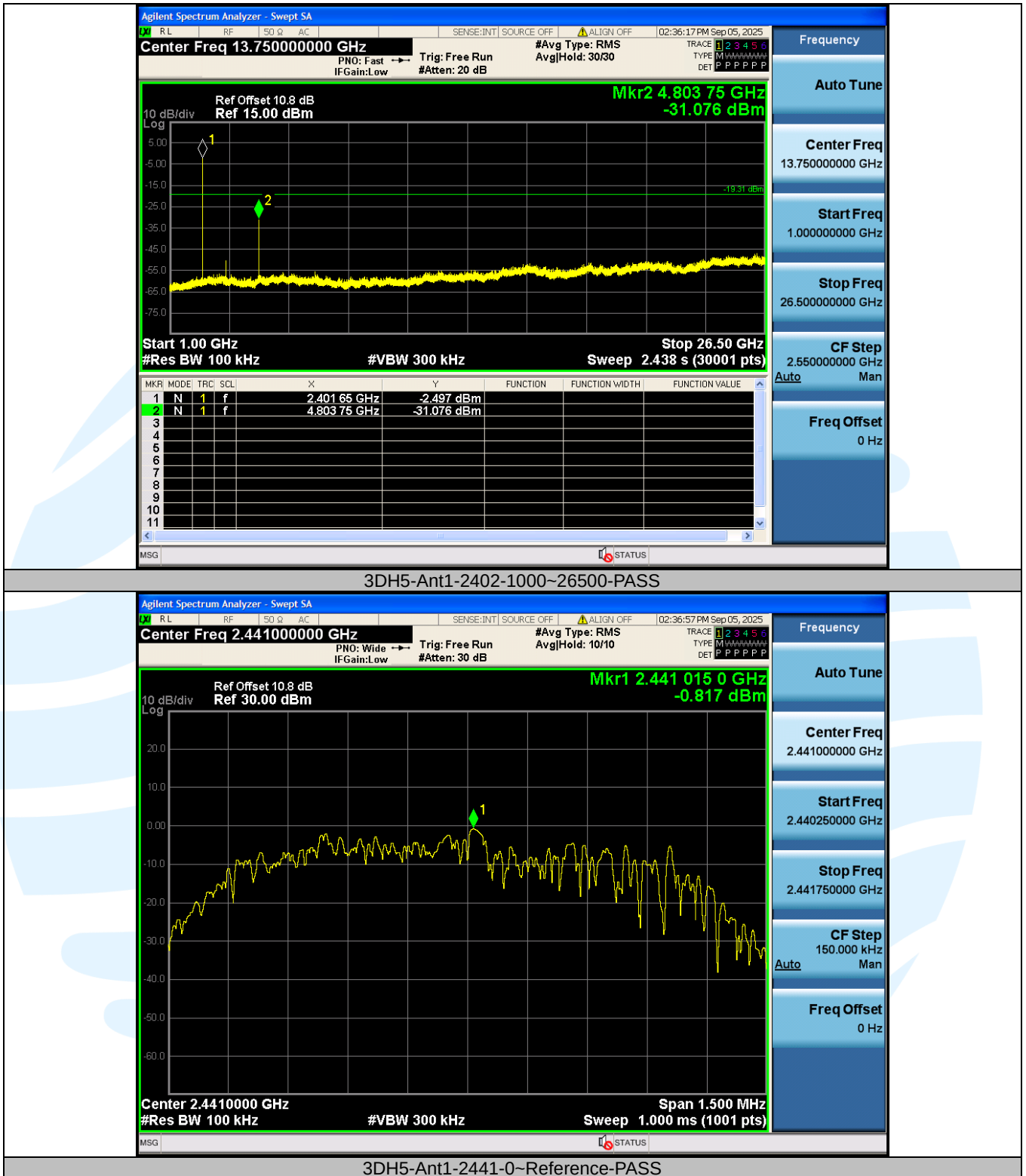


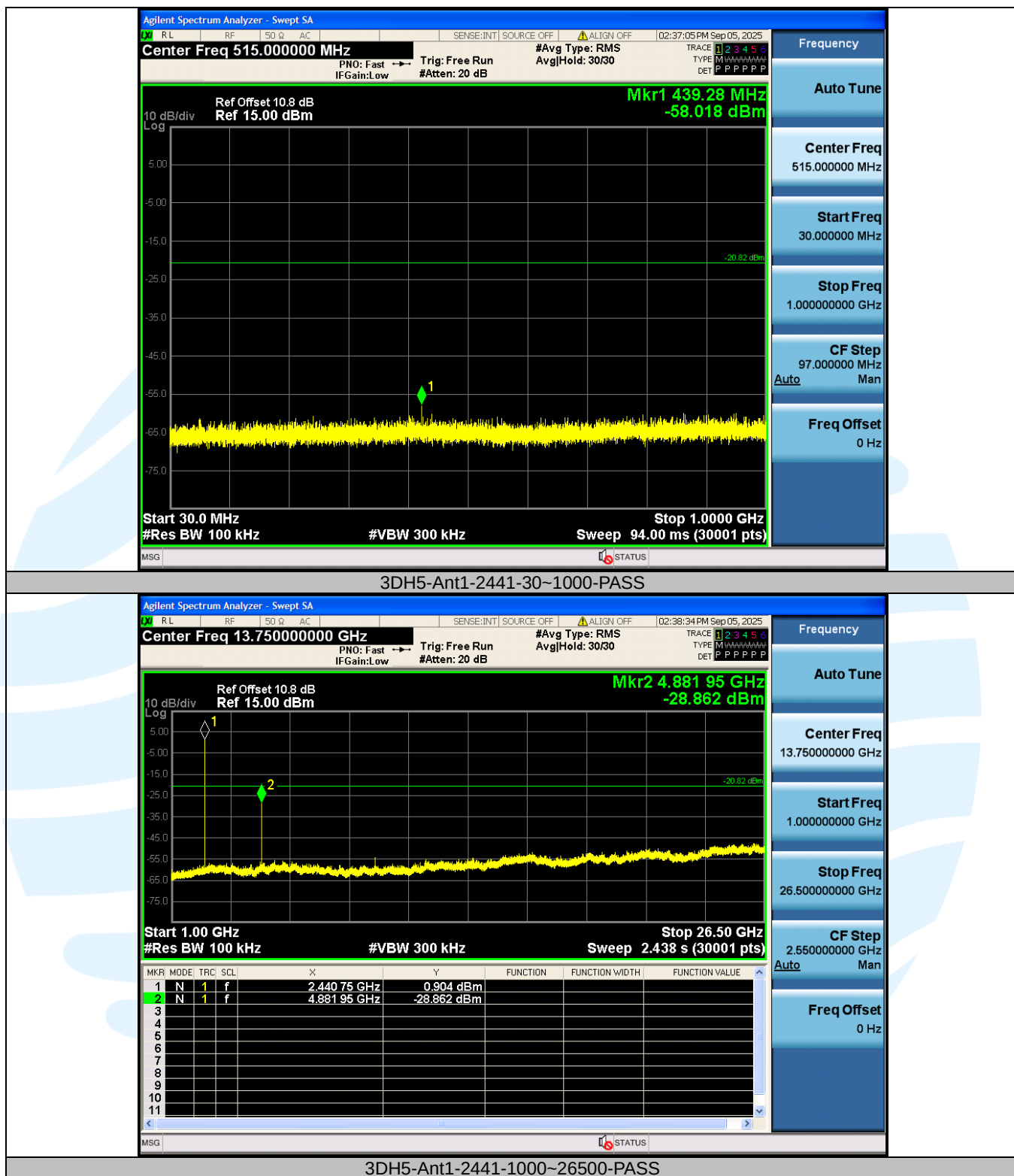


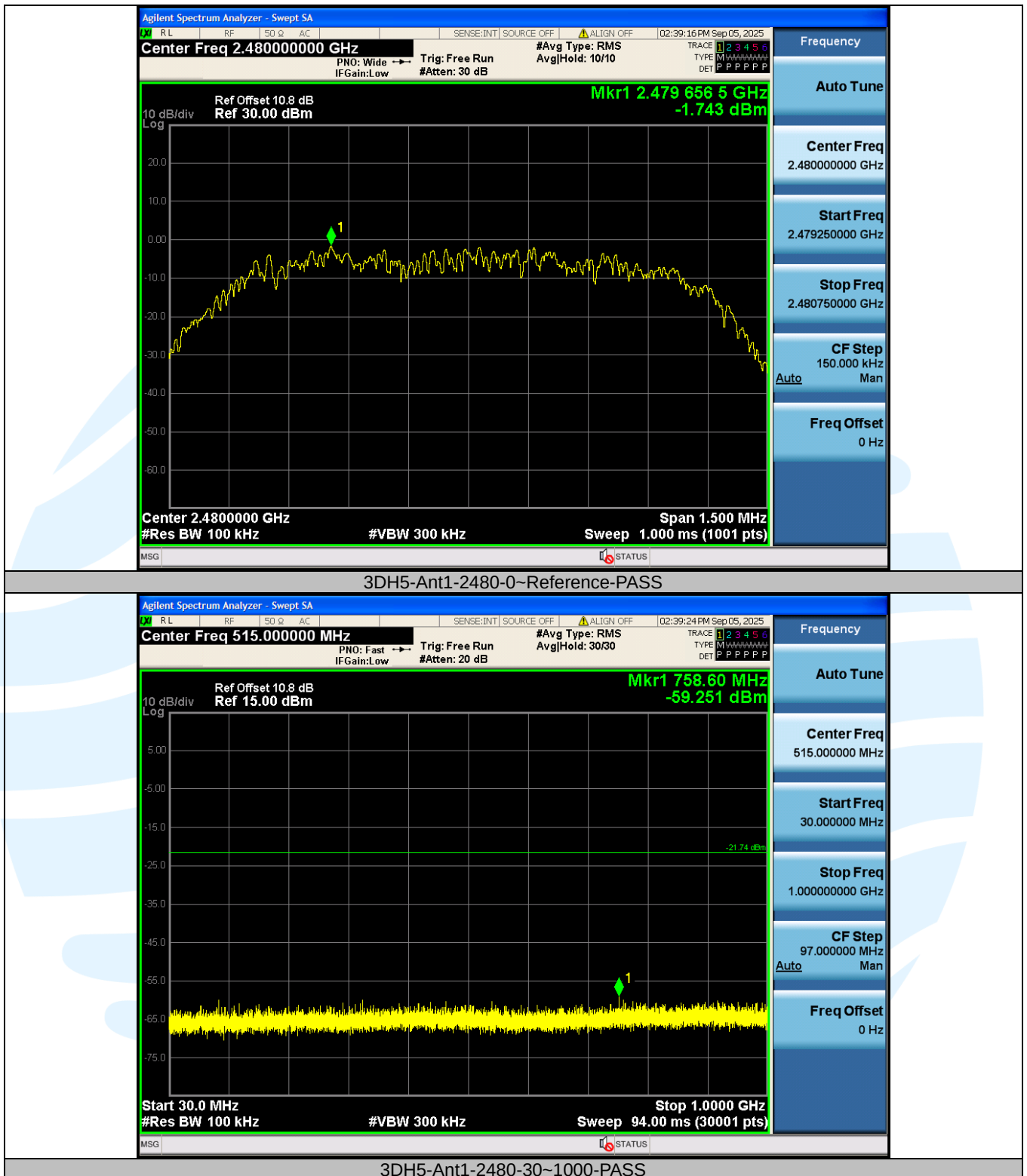


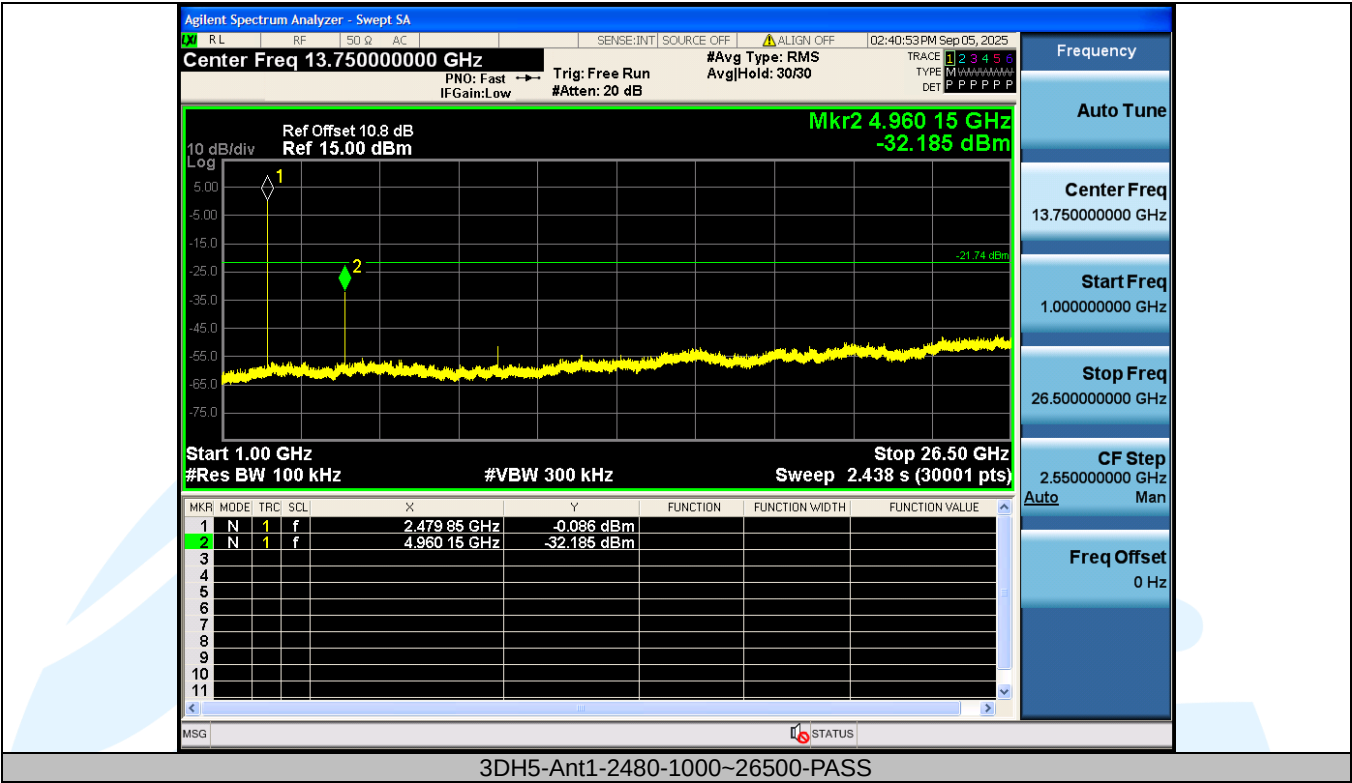












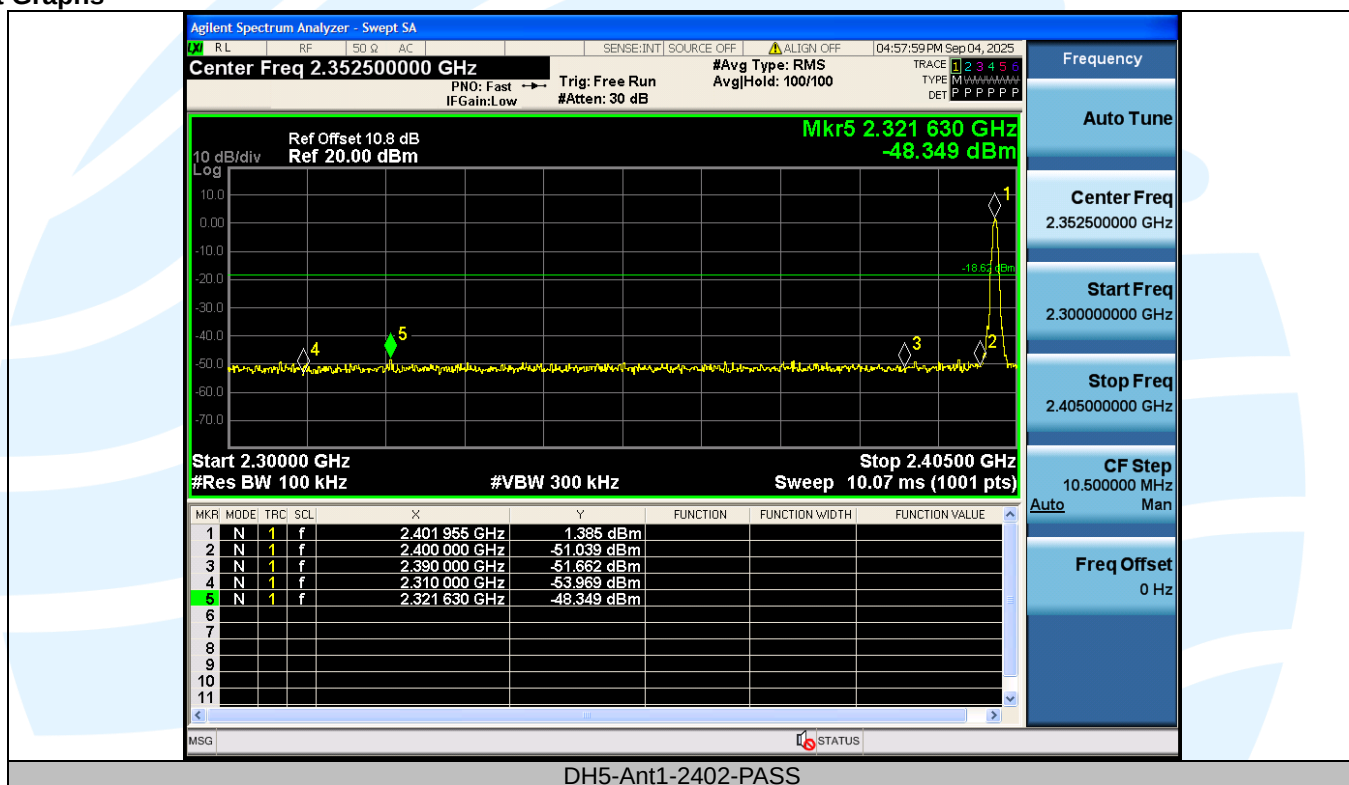
A.6 BAND EDGE MEASUREMENTS

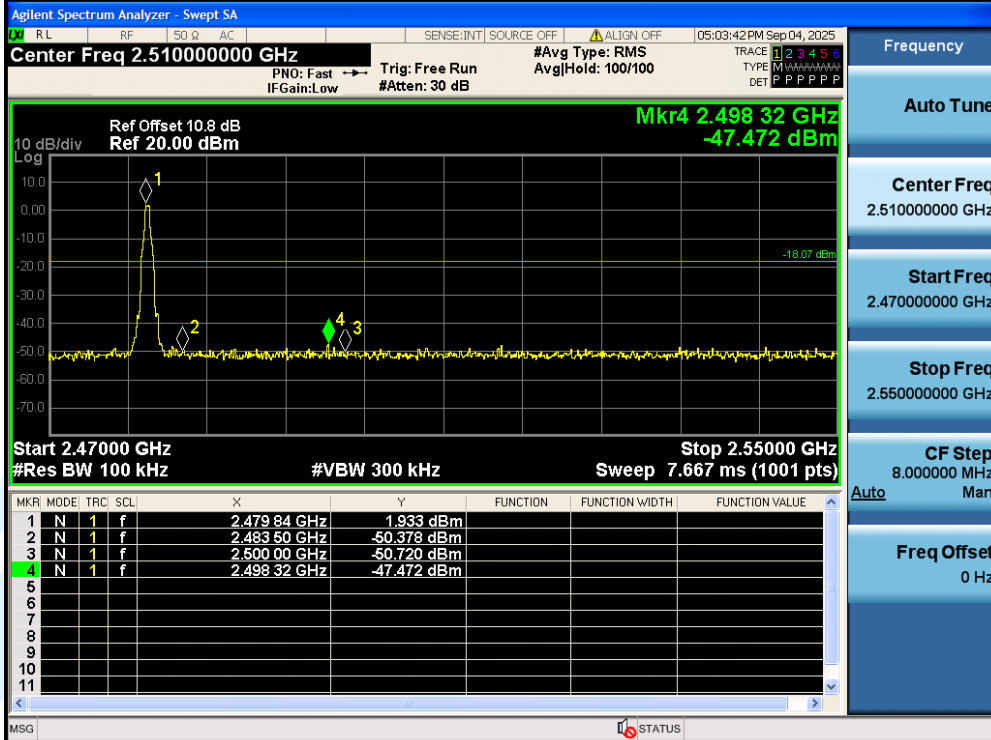
Left earbud

Test Result

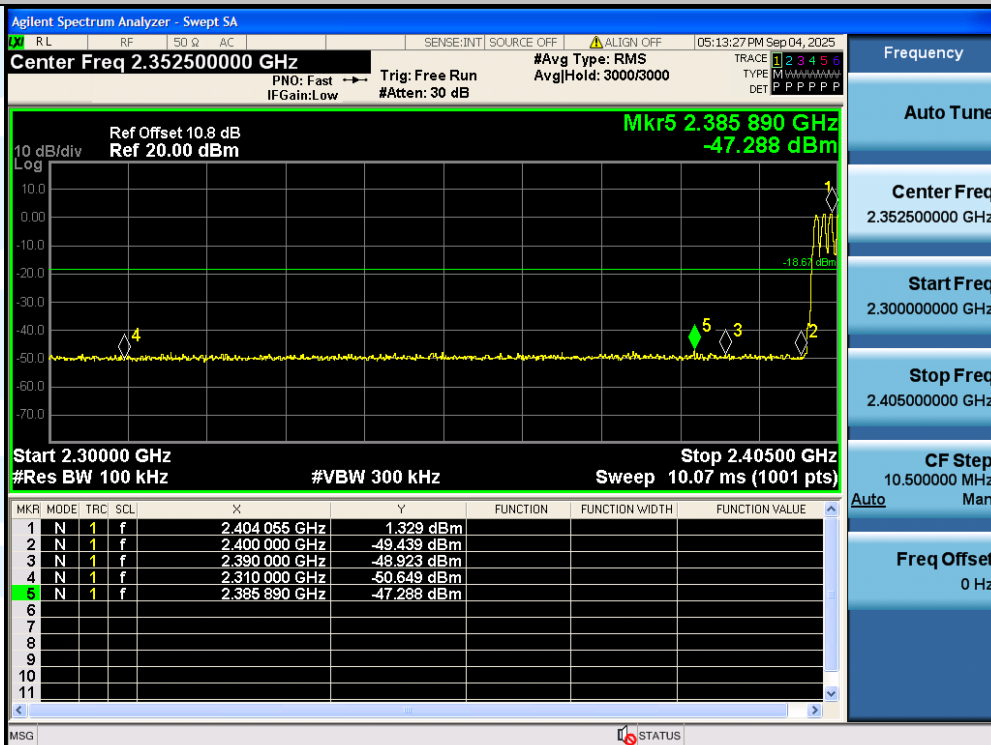
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.39	-48.35	≤-18.62	PASS
DH5	Ant1	High	2480	1.93	-47.47	≤-18.07	PASS
DH5	Ant1	Low	Hop_2402	1.33	-47.29	≤-18.67	PASS
DH5	Ant1	High	Hop_2480	1.96	-46.87	≤-18.04	PASS
3DH5	Ant1	Low	2402	0.96	-48.29	≤-19.04	PASS
3DH5	Ant1	High	2480	1.67	-47.98	≤-18.33	PASS
3DH5	Ant1	Low	Hop_2402	1.40	-47.15	≤-18.6	PASS
3DH5	Ant1	High	Hop_2480	1.94	-46.65	≤-18.06	PASS

Test Graphs

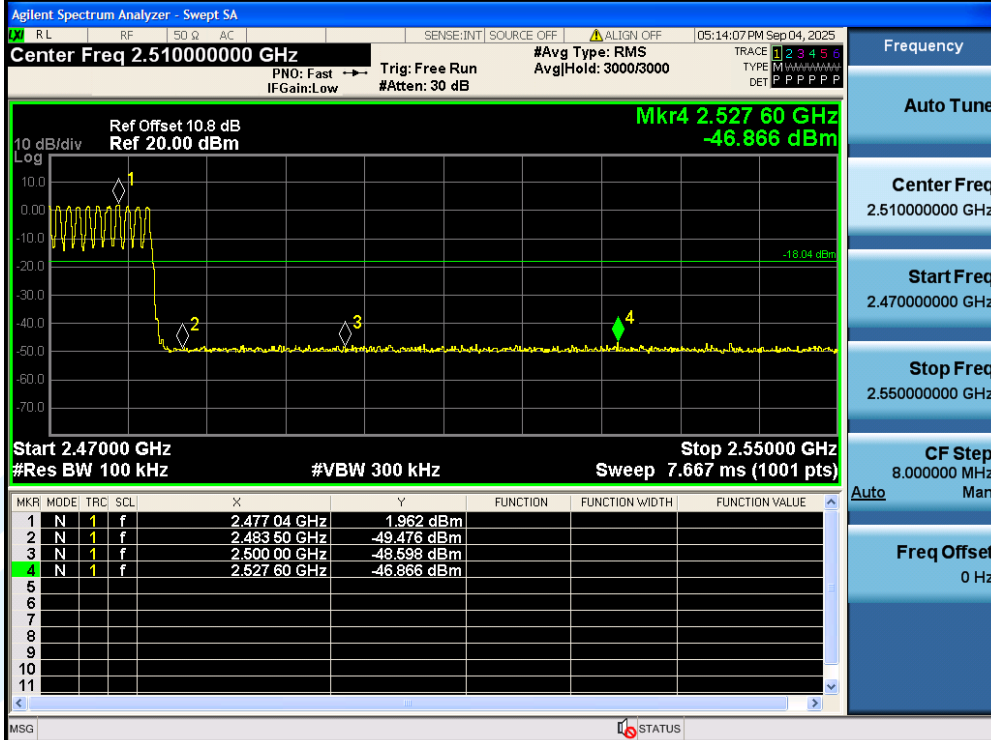




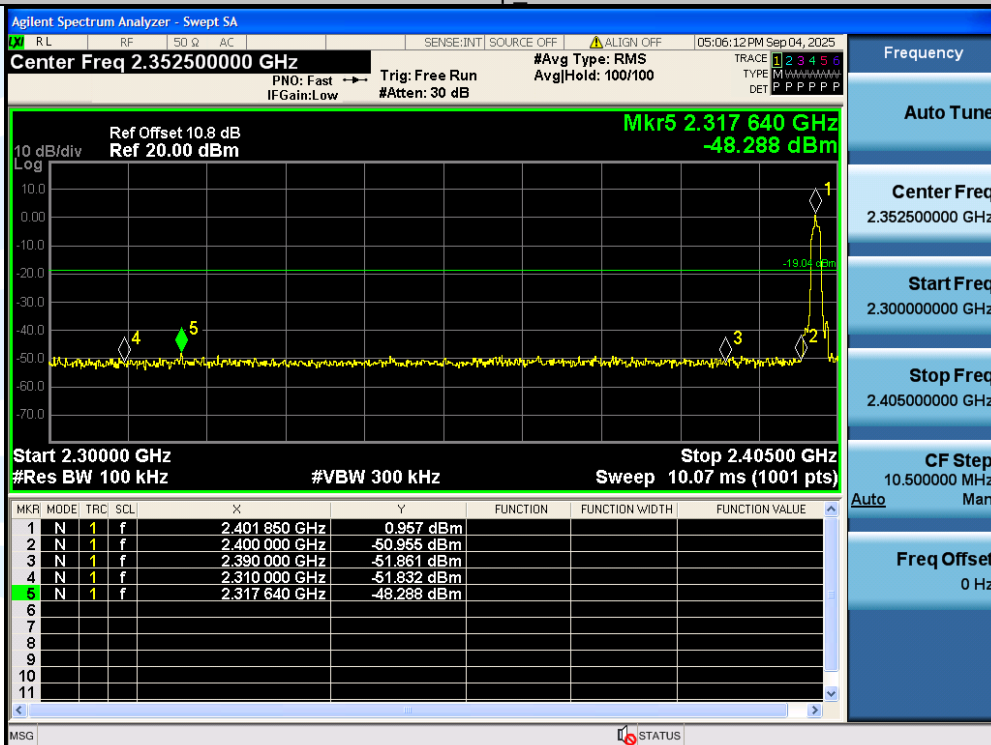
DH5-Ant1-2480-PASS



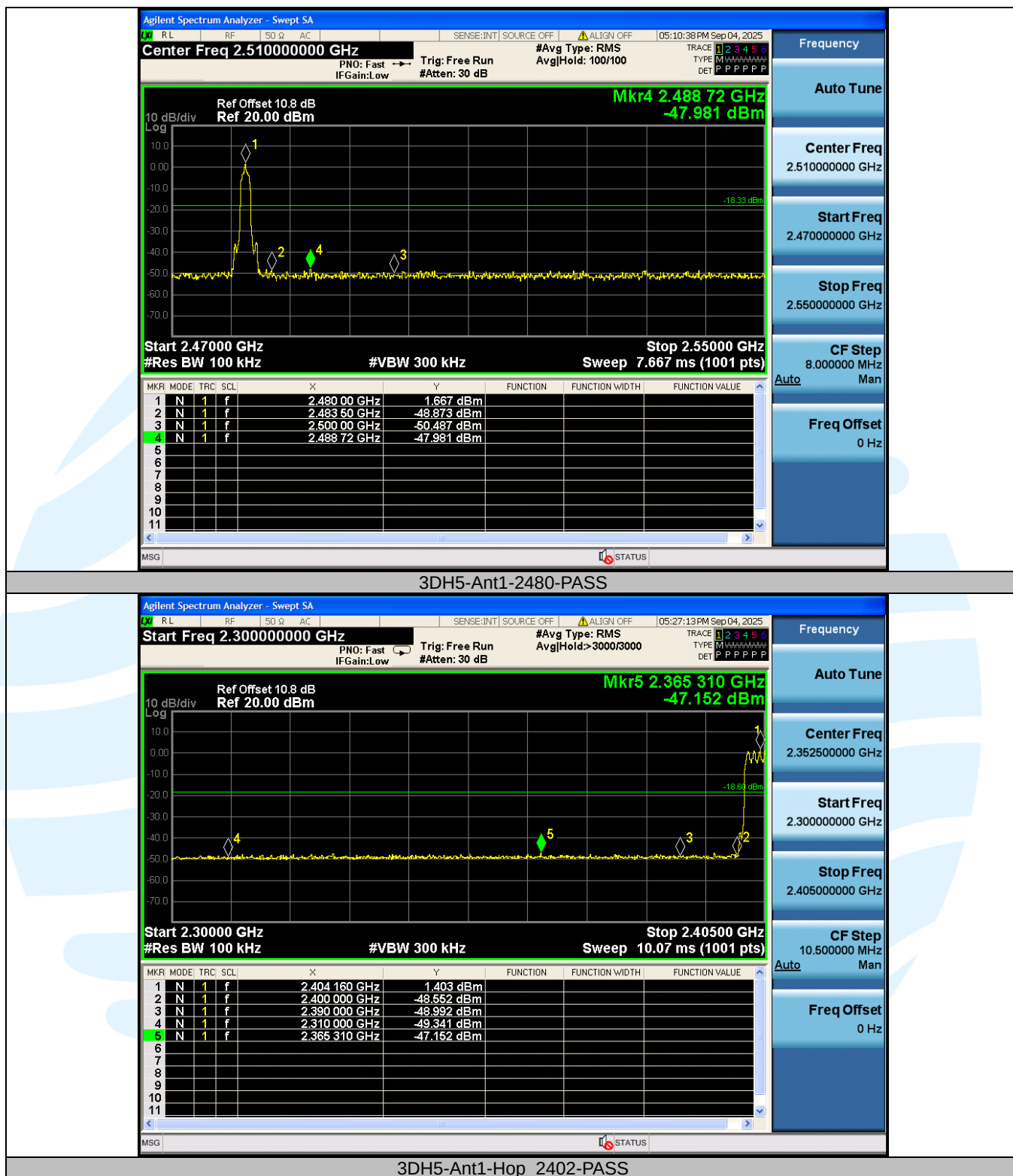
DH5-Ant1-Hop_2402-PASS

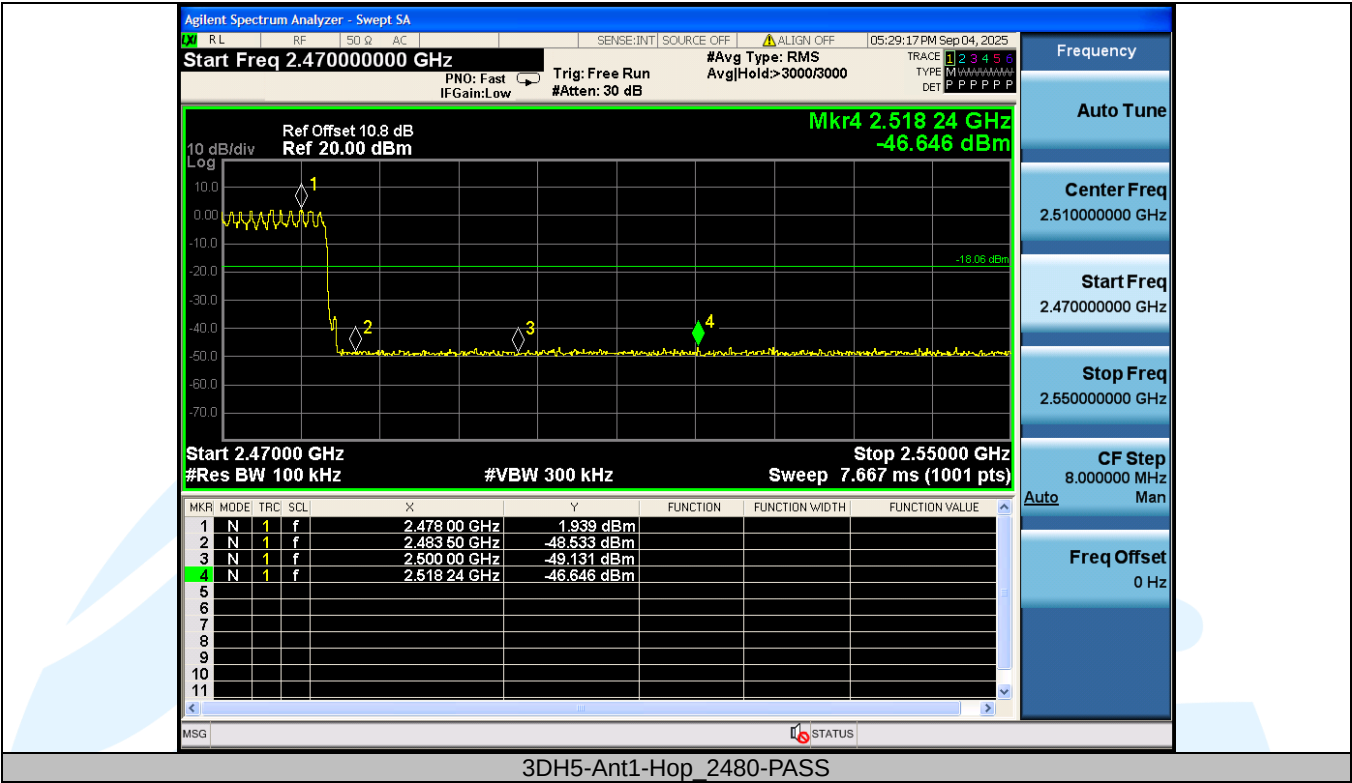


DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS



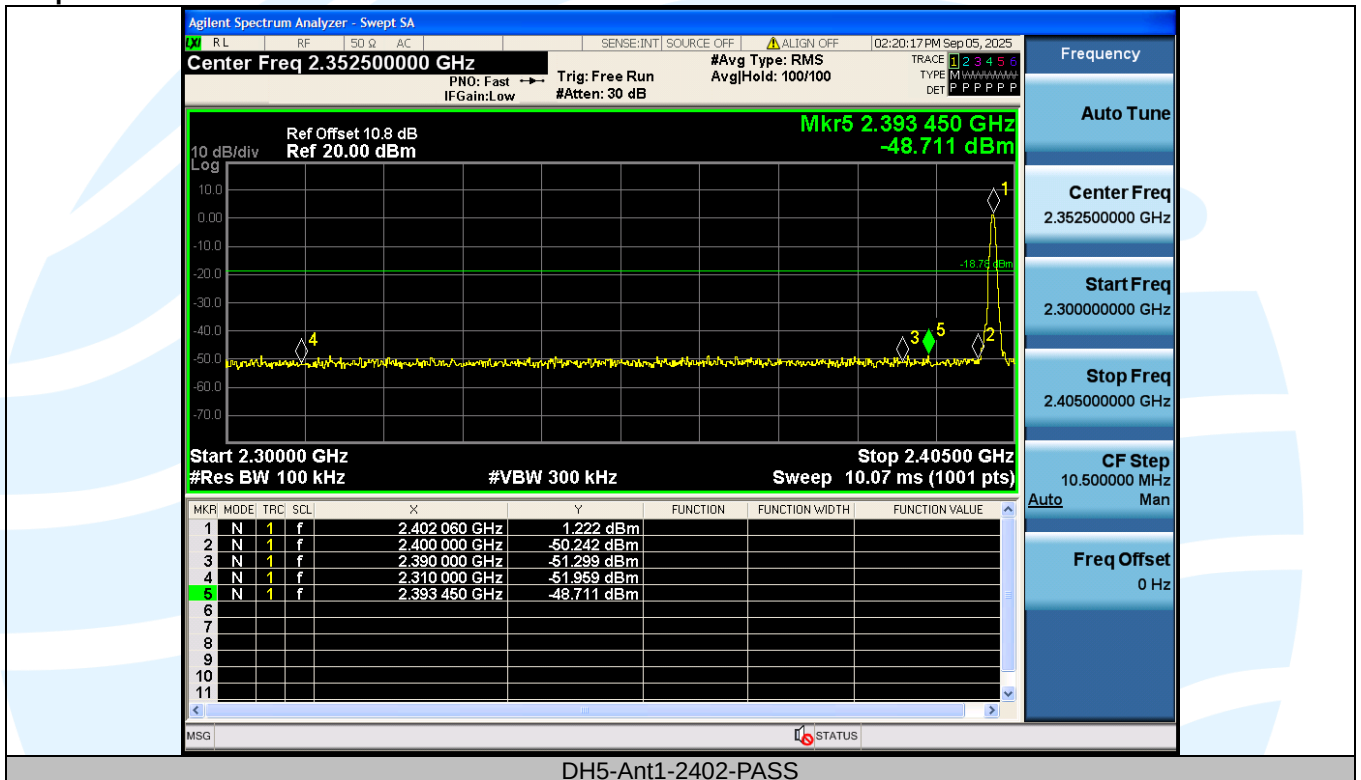


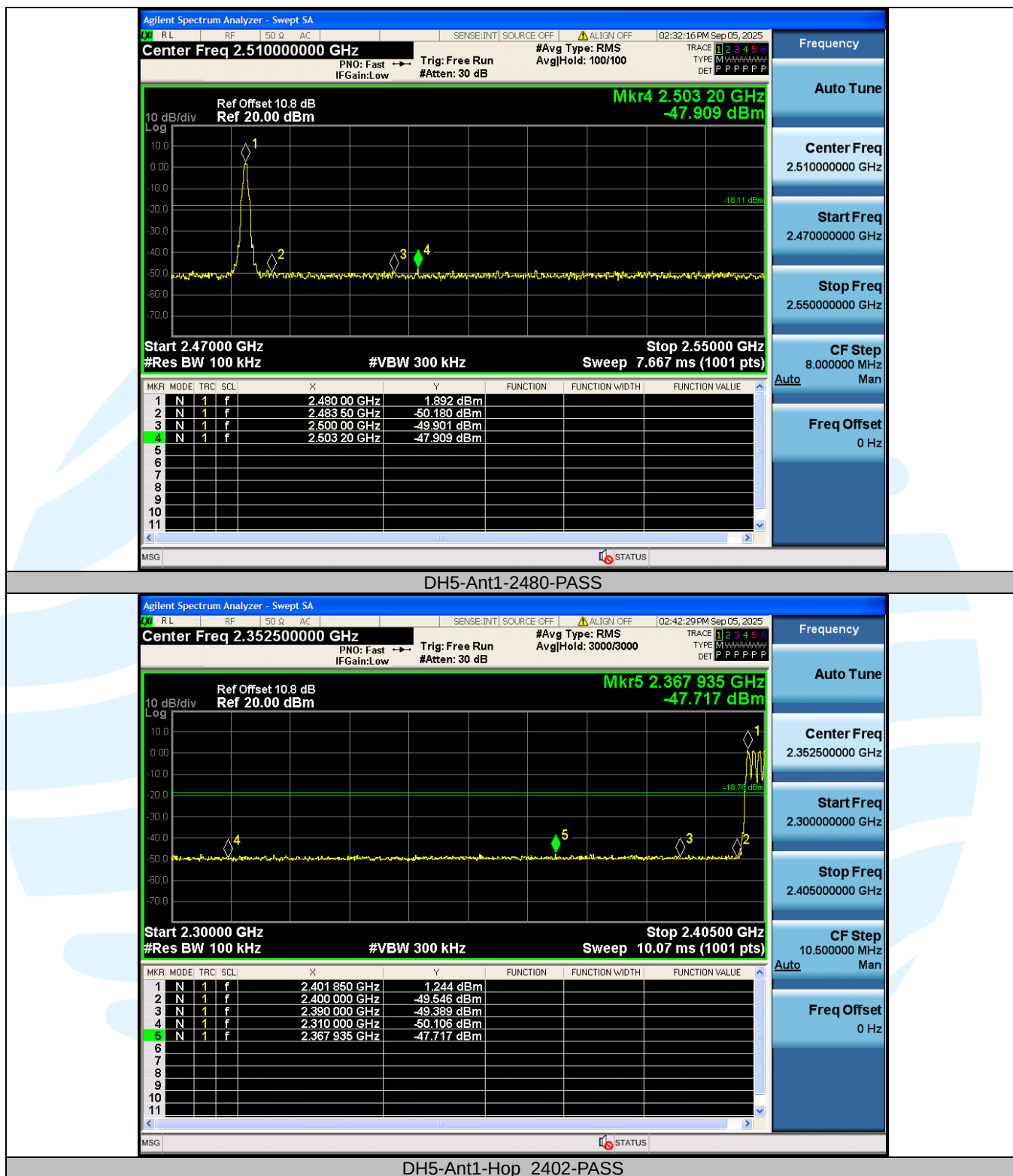
Right earbud

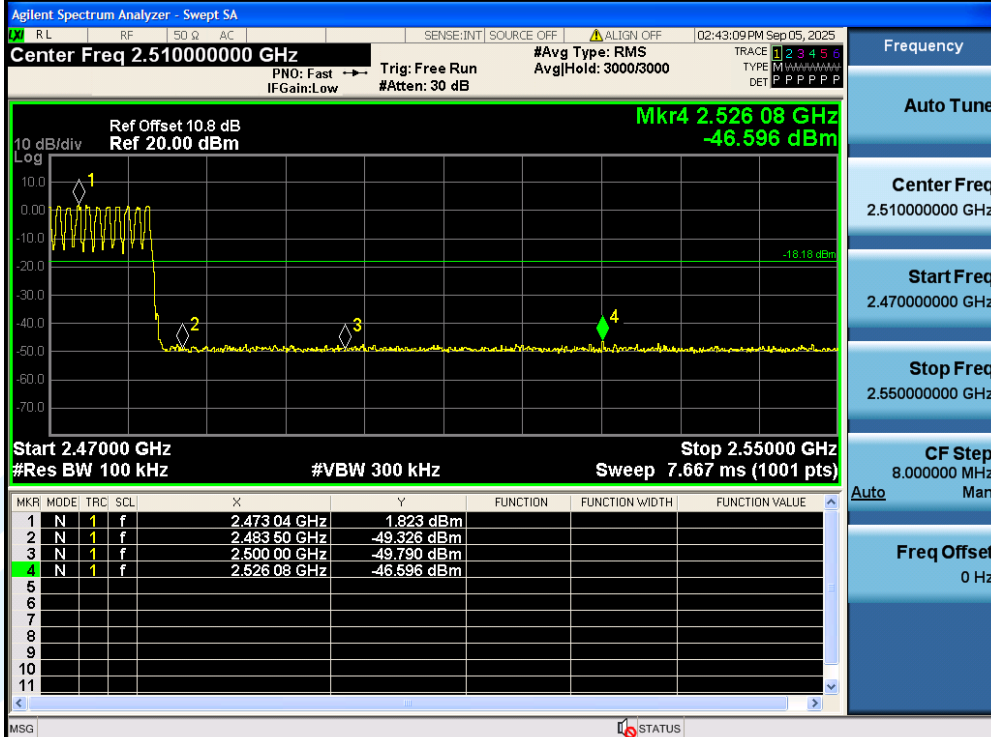
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.22	-48.71	≤-18.78	PASS
DH5	Ant1	High	2480	1.89	-47.91	≤-18.11	PASS
DH5	Ant1	Low	Hop_2402	1.24	-47.72	≤-18.76	PASS
DH5	Ant1	High	Hop_2480	1.82	-46.6	≤-18.18	PASS
3DH5	Ant1	Low	2402	1.41	-48.25	≤-18.59	PASS
3DH5	Ant1	High	2480	-1.26	-47.99	≤-21.26	PASS
3DH5	Ant1	Low	Hop_2402	1.35	-46.81	≤-18.65	PASS
3DH5	Ant1	High	Hop_2480	1.91	-46.16	≤-18.09	PASS

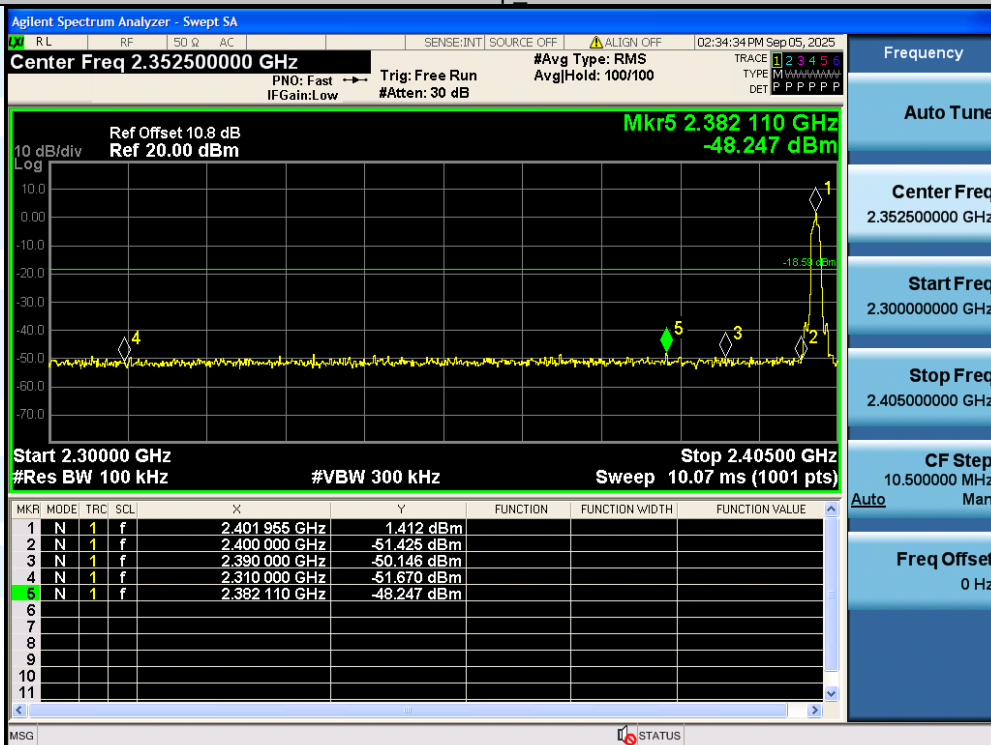
Test Graphs



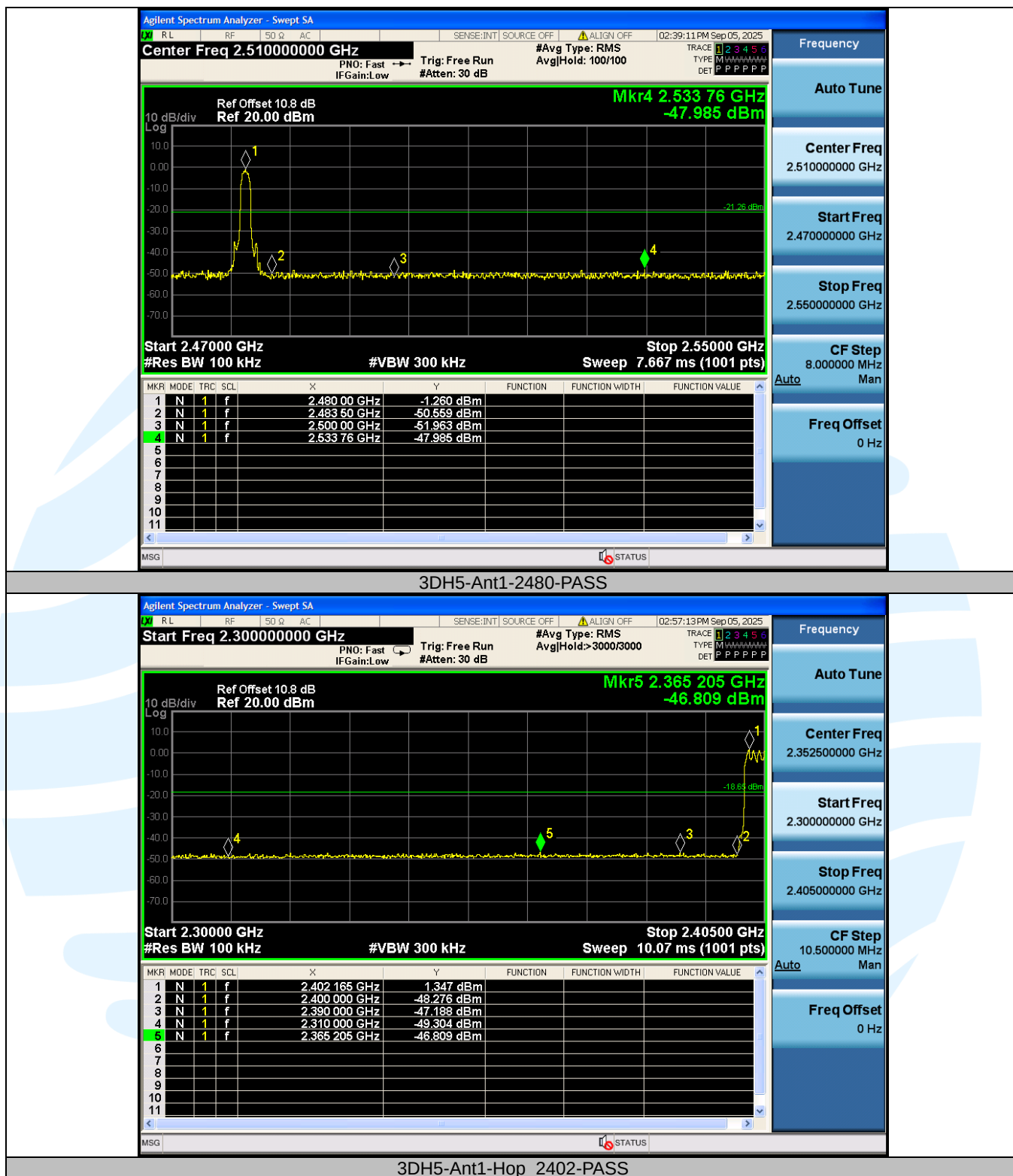


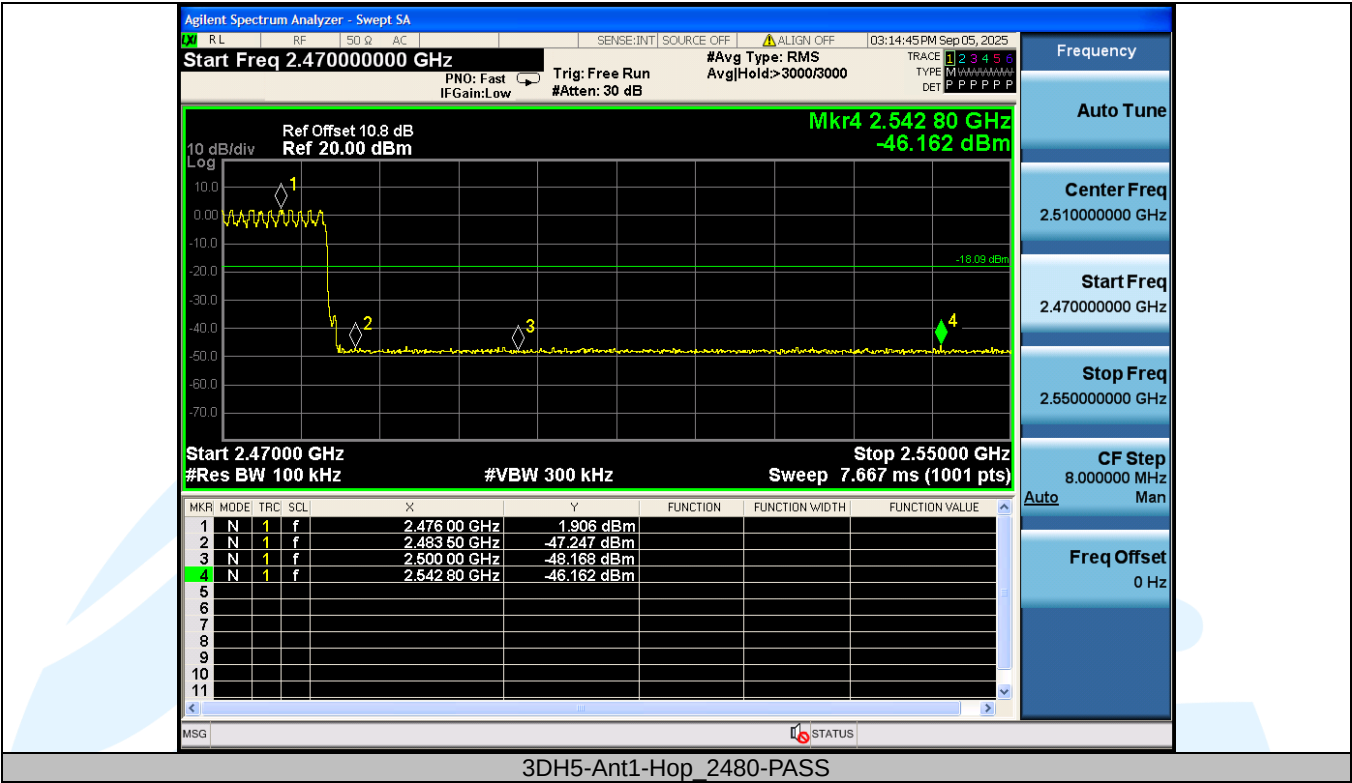


DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS





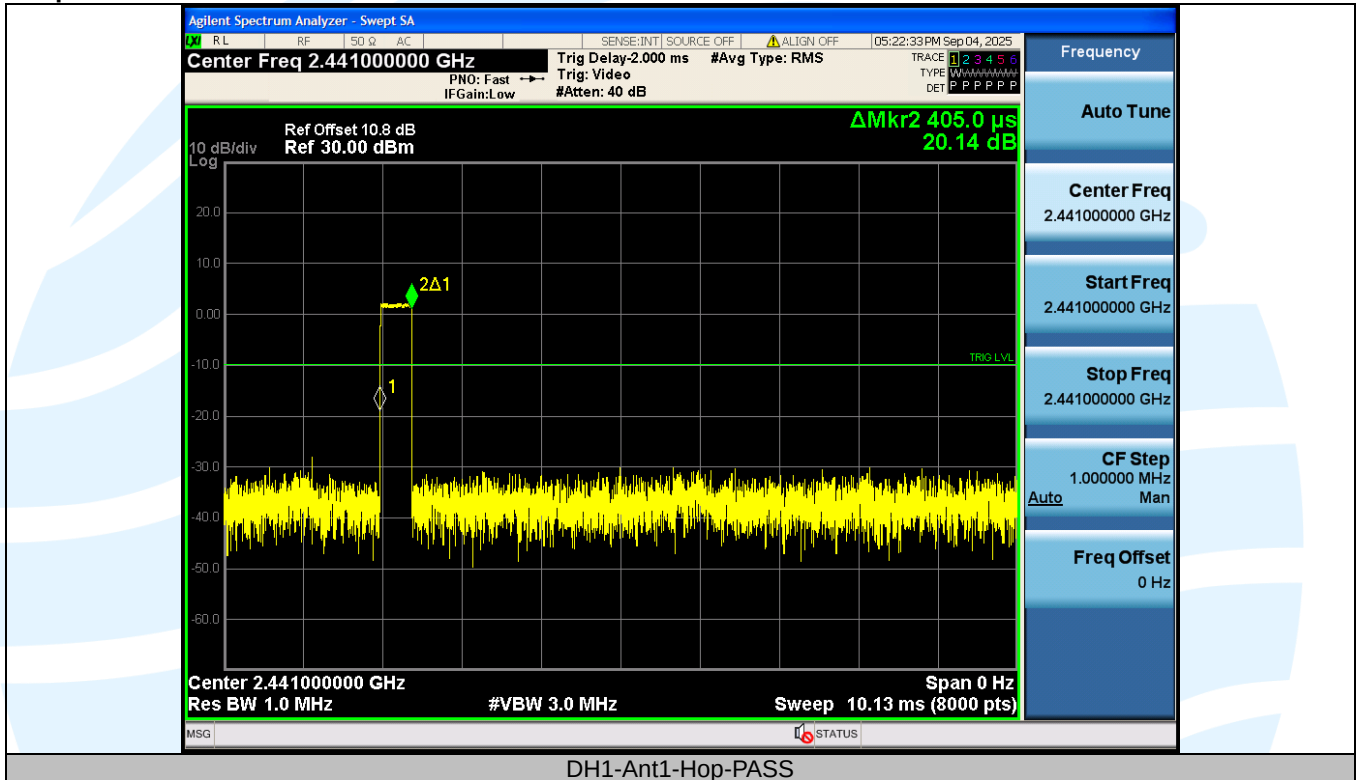
A.7 DWELL TIME

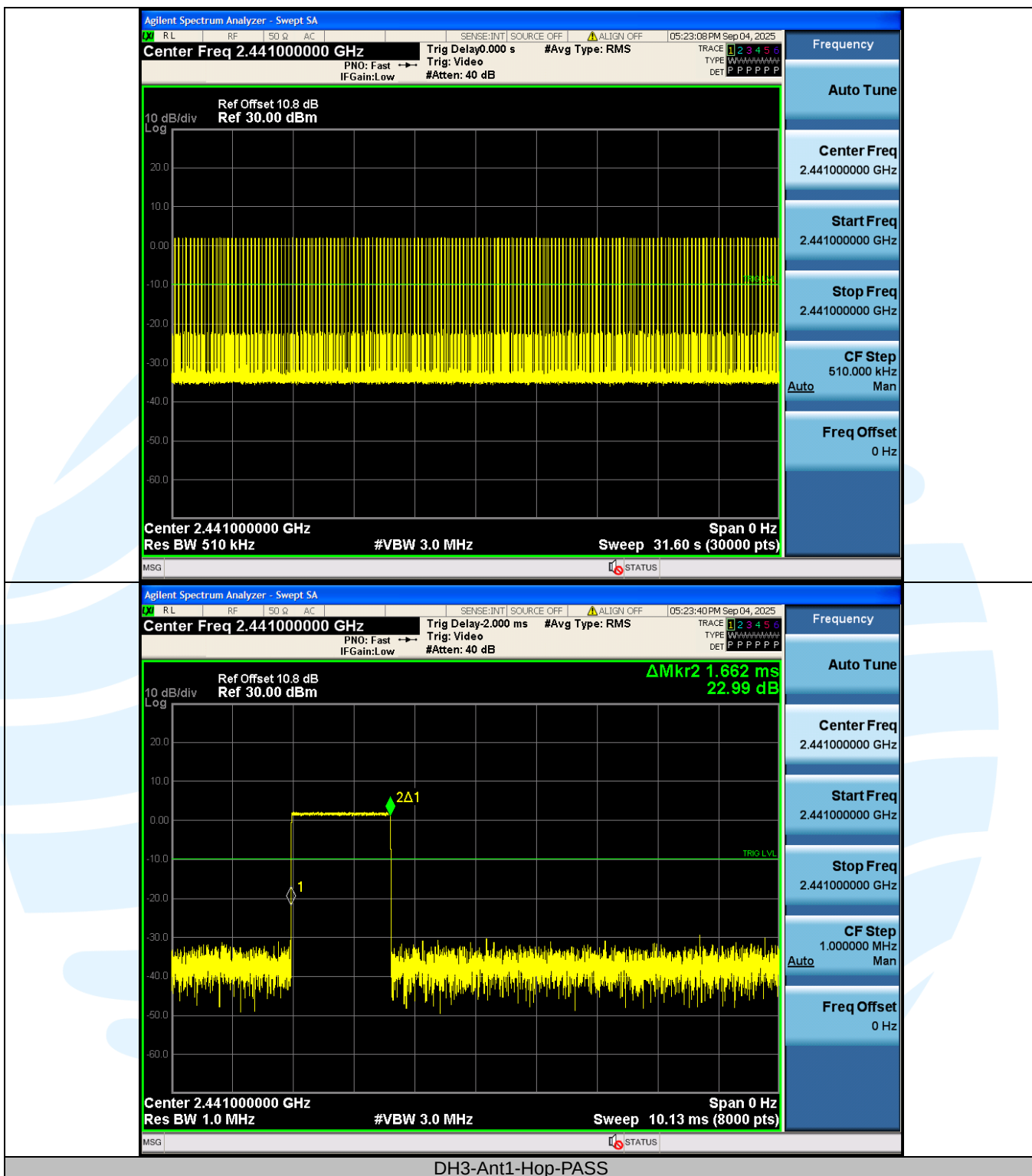
Left earbud

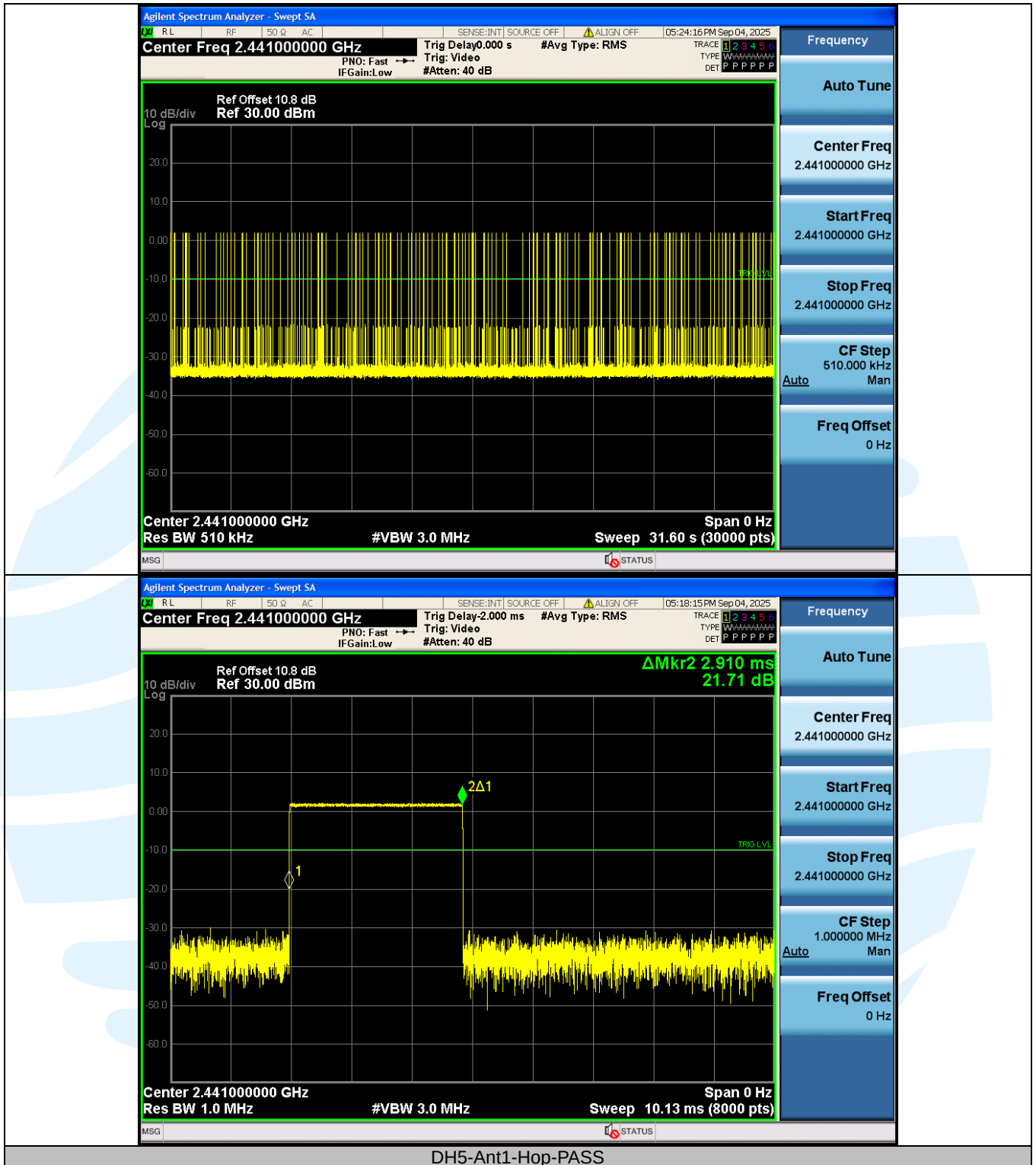
Test Result

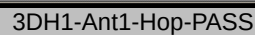
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.405	314	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.662	151	0.251	≤0.4	PASS
DH5	Ant1	Hop	2.910	102	0.297	≤0.4	PASS
3DH1	Ant1	Hop	0.418	315	0.132	≤0.4	PASS
3DH3	Ant1	Hop	1.667	149	0.248	≤0.4	PASS
3DH5	Ant1	Hop	2.918	106	0.309	≤0.4	PASS

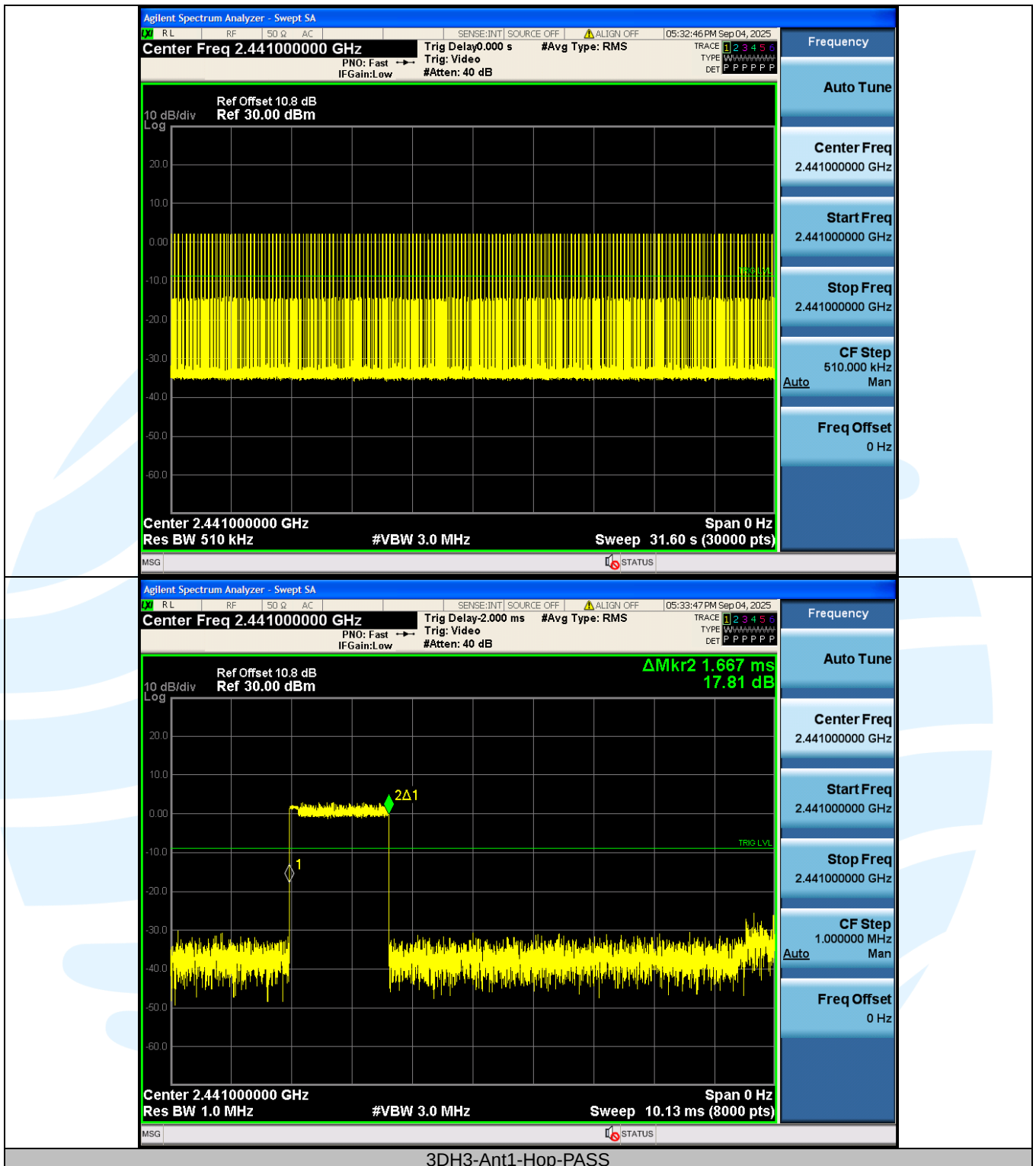
Test Graphs



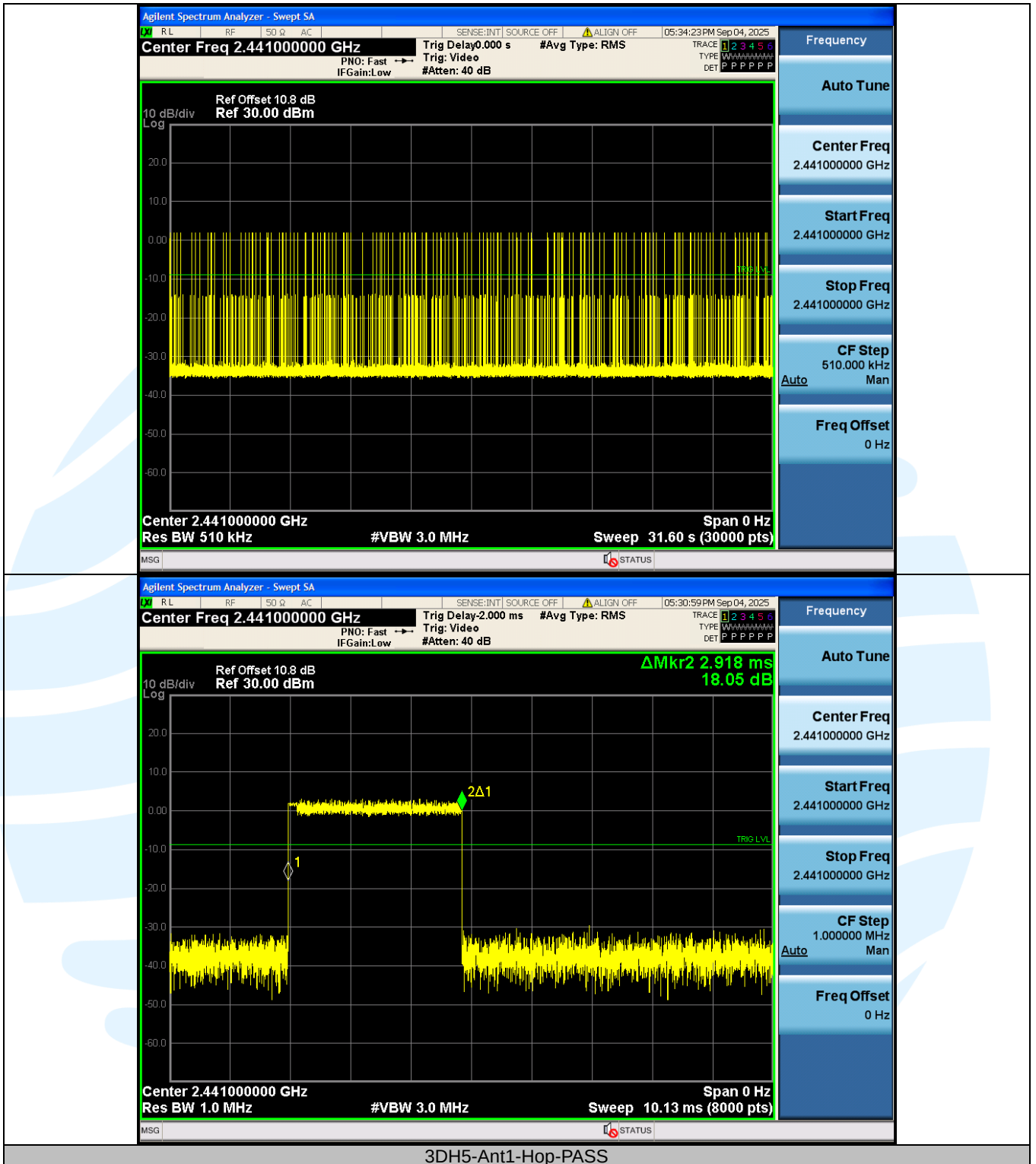


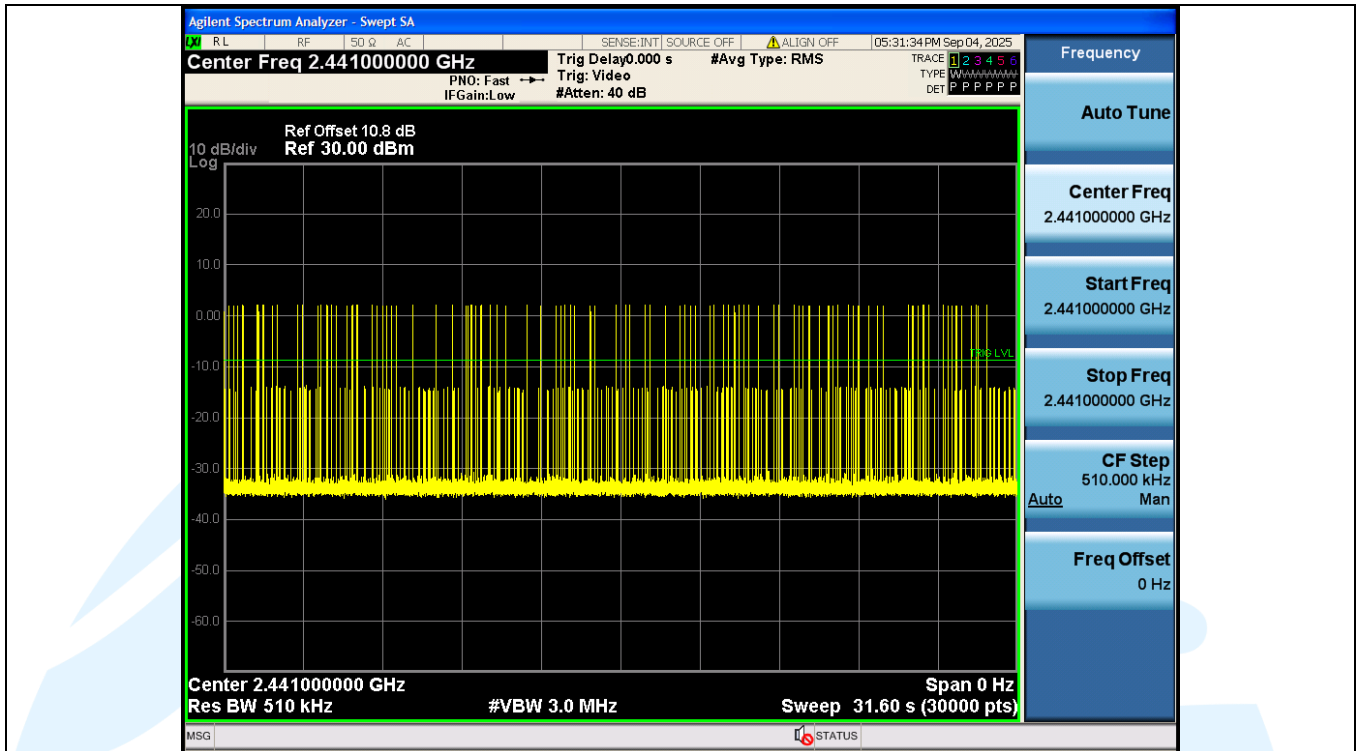






3DH3-Ant1-Hop-PASS





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E-mail: info@uttlab.com

<http://www.uttlab.com>

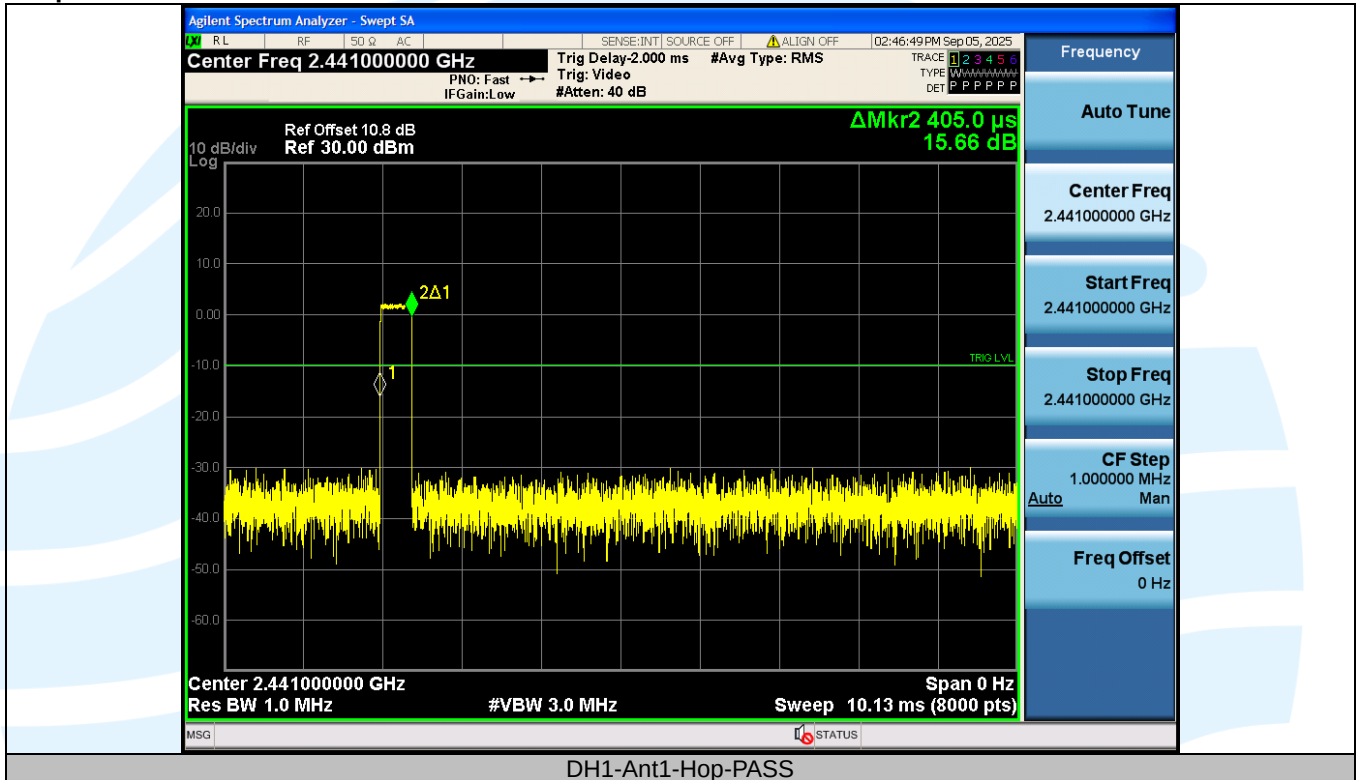
UTTR-RF-RSS247-V1.1

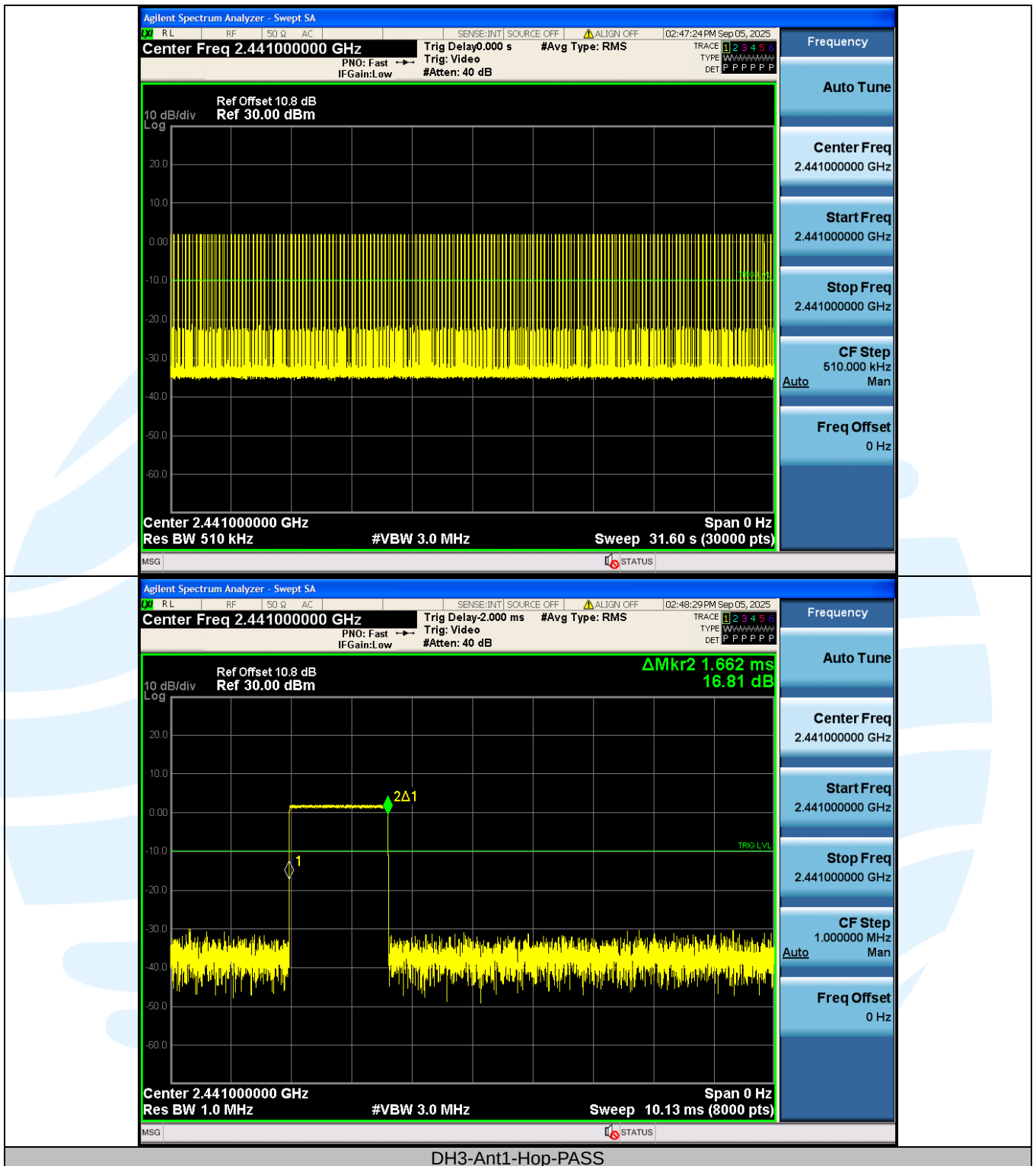
Right earbud

Test Result

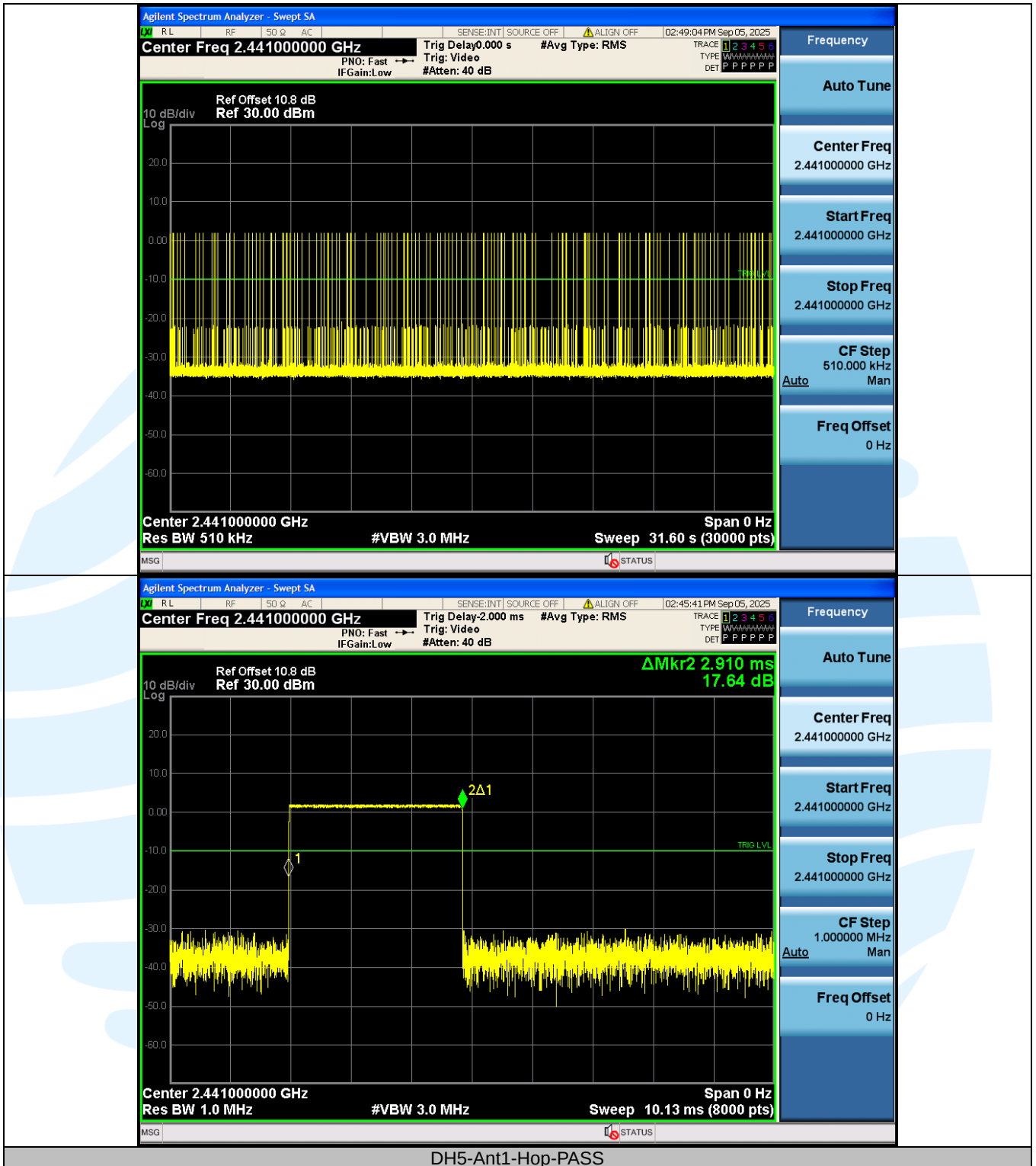
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total IHops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.405	314	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.662	150	0.249	≤0.4	PASS
DH5	Ant1	Hop	2.910	121	0.352	≤0.4	PASS
3DH1	Ant1	Hop	0.417	312	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.667	150	0.25	≤0.4	PASS
3DH5	Ant1	Hop	2.917	101	0.295	≤0.4	PASS

Test Graphs

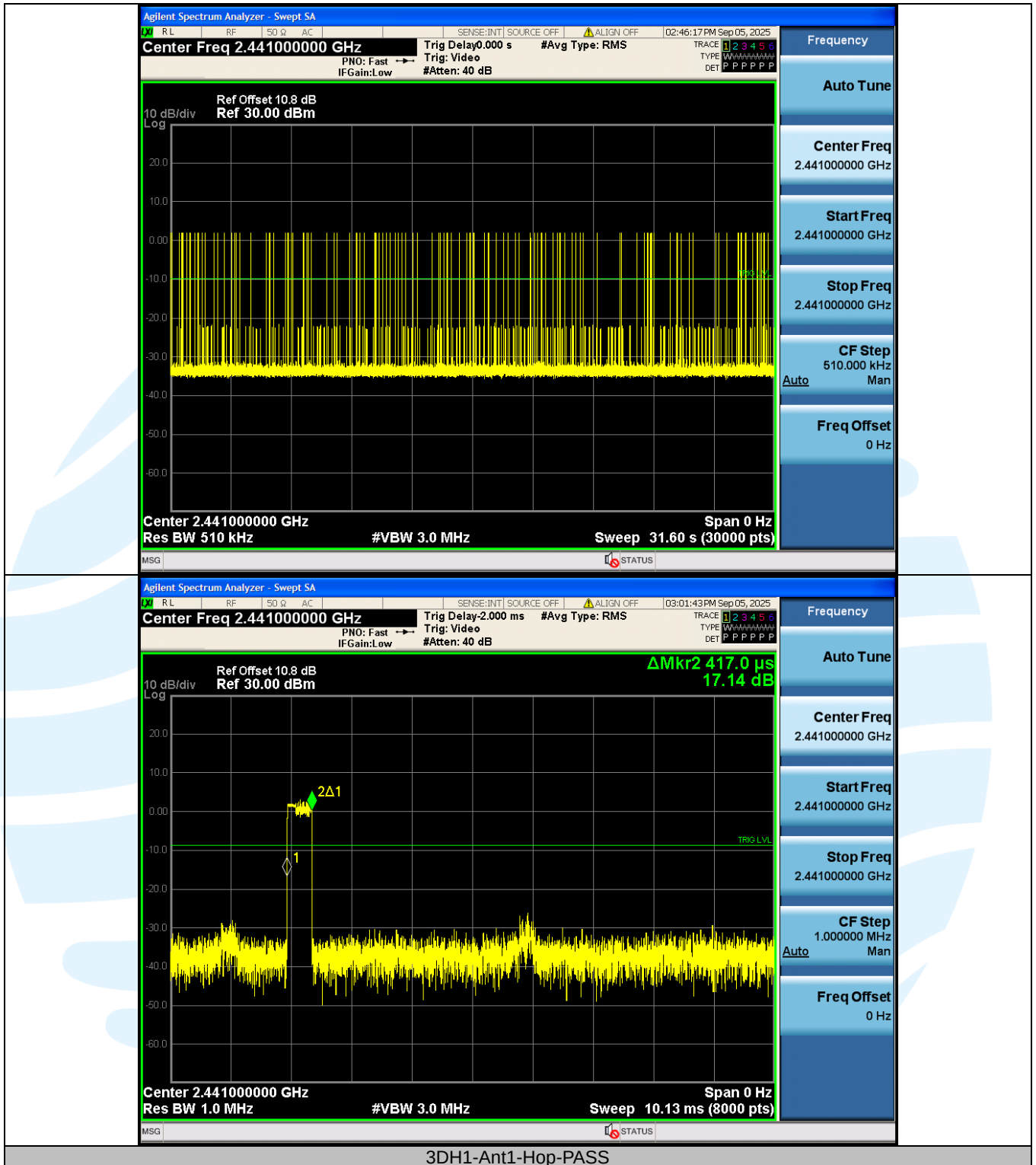


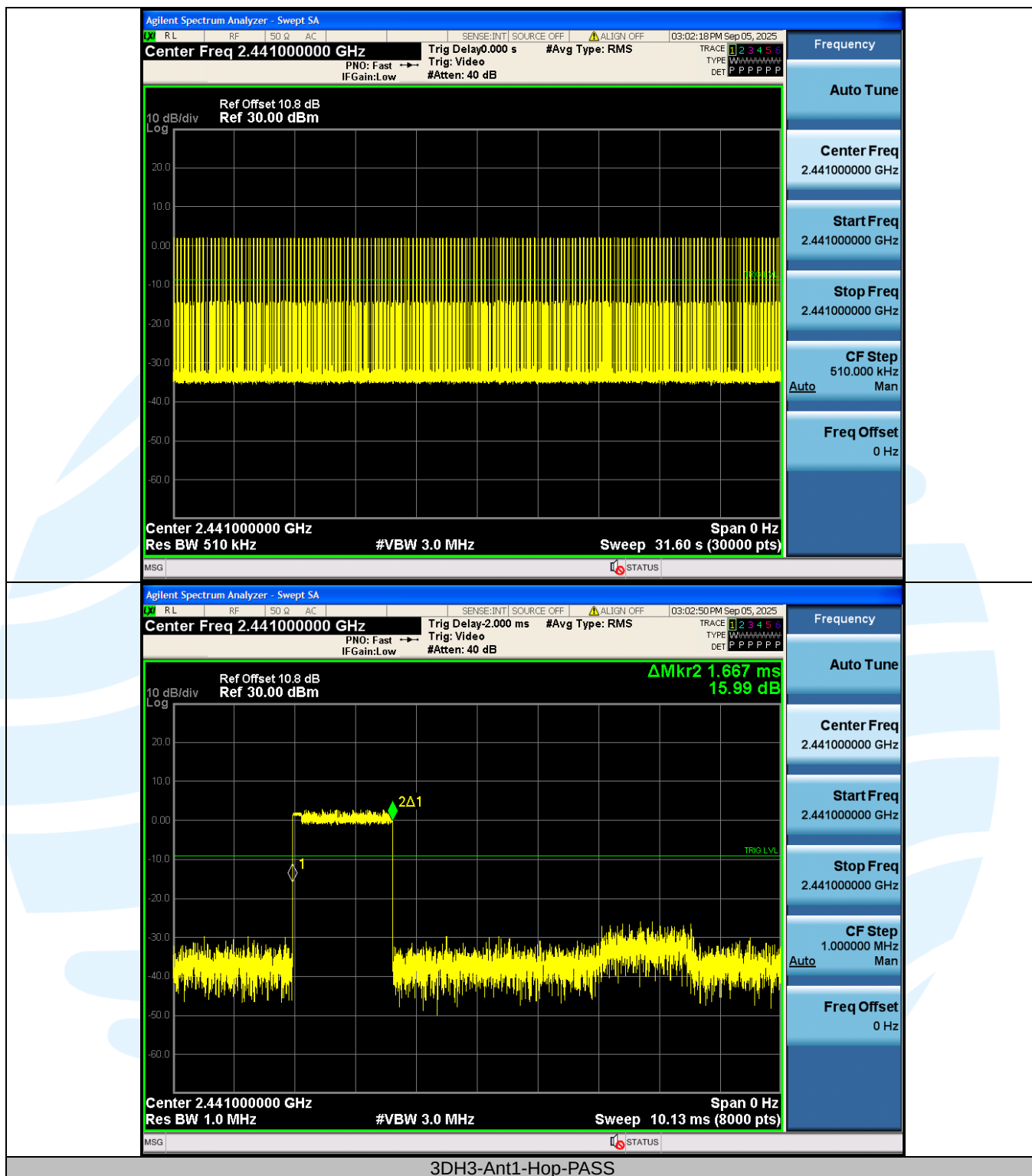


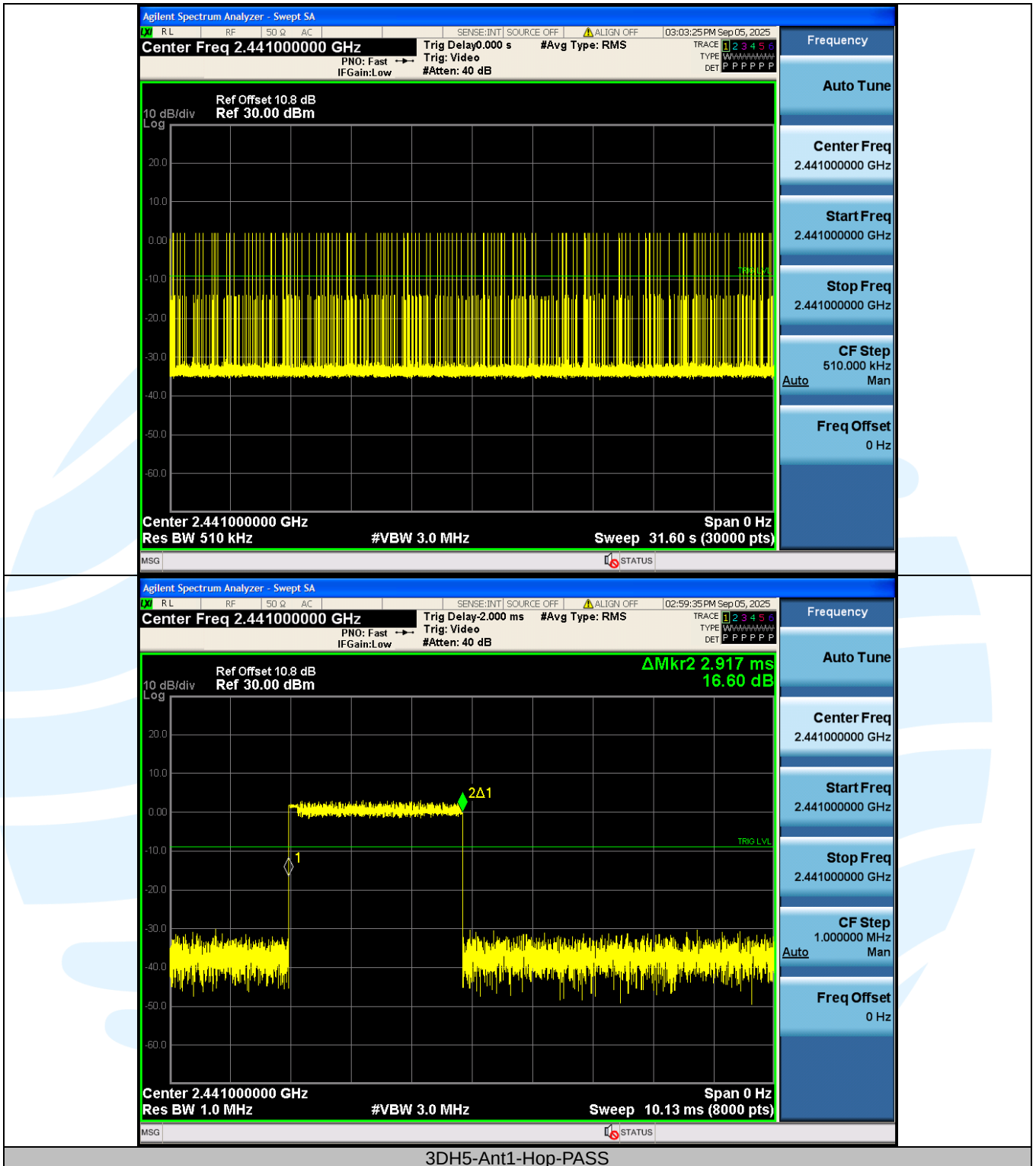
DH3-Ant1-Hop-PASS

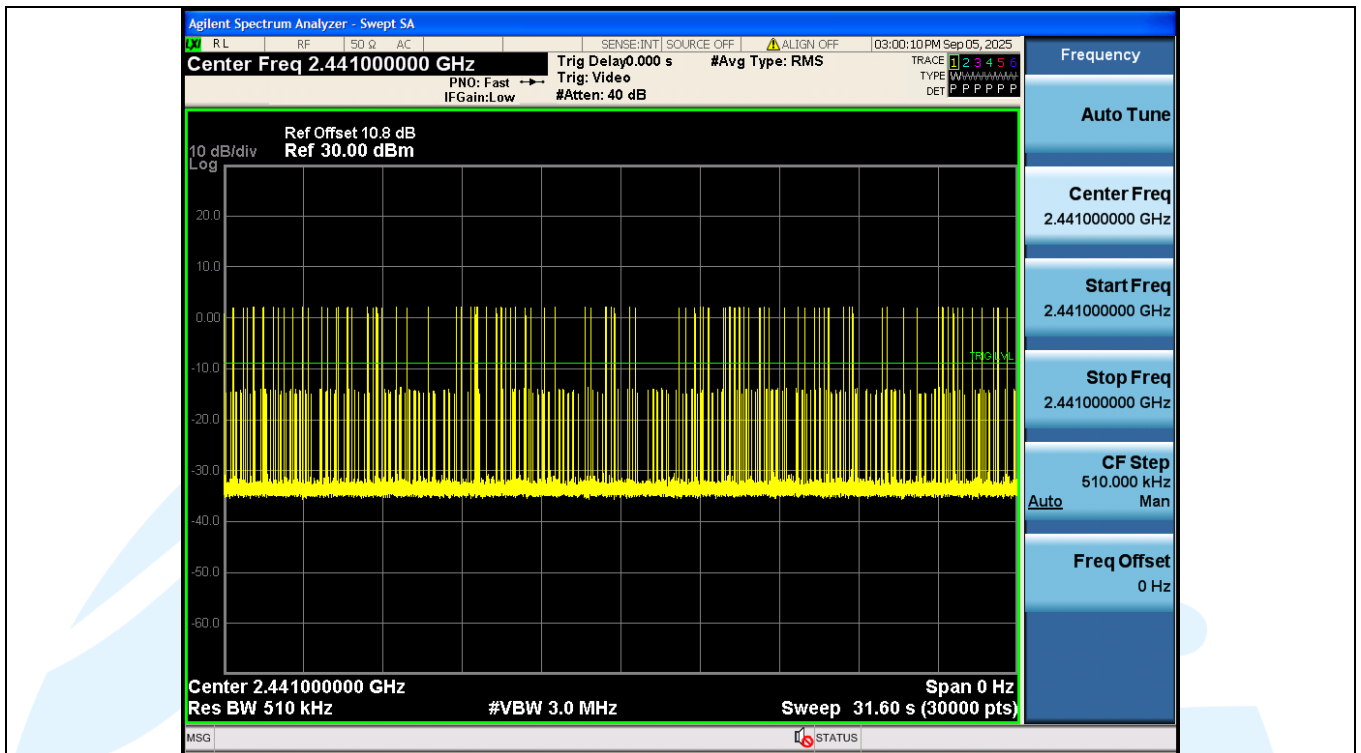


DH5-Ant1-Hop-PASS









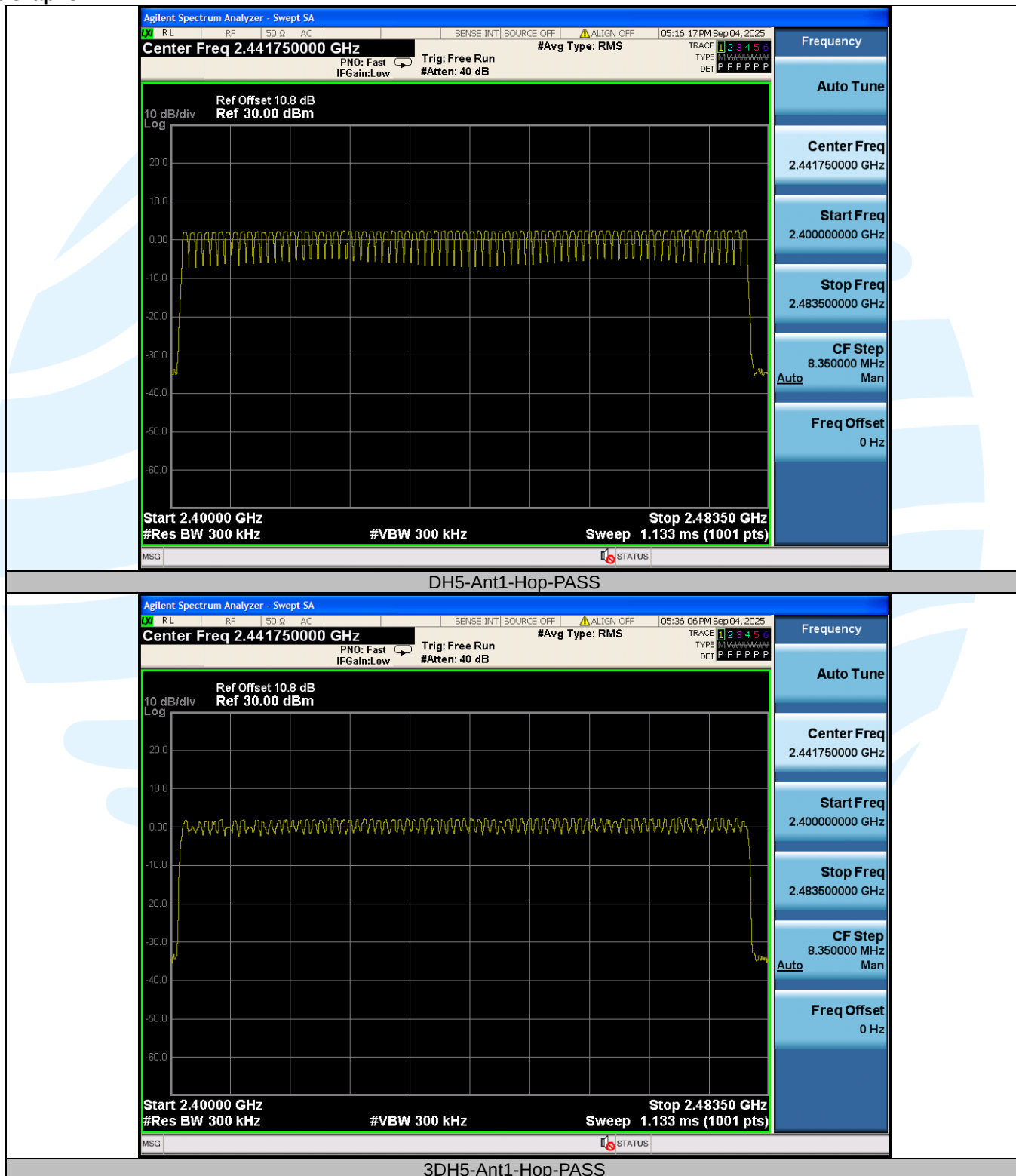
A.8 NUMBER OF HOPPING CHANNEL

Left earbud

Test Result

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

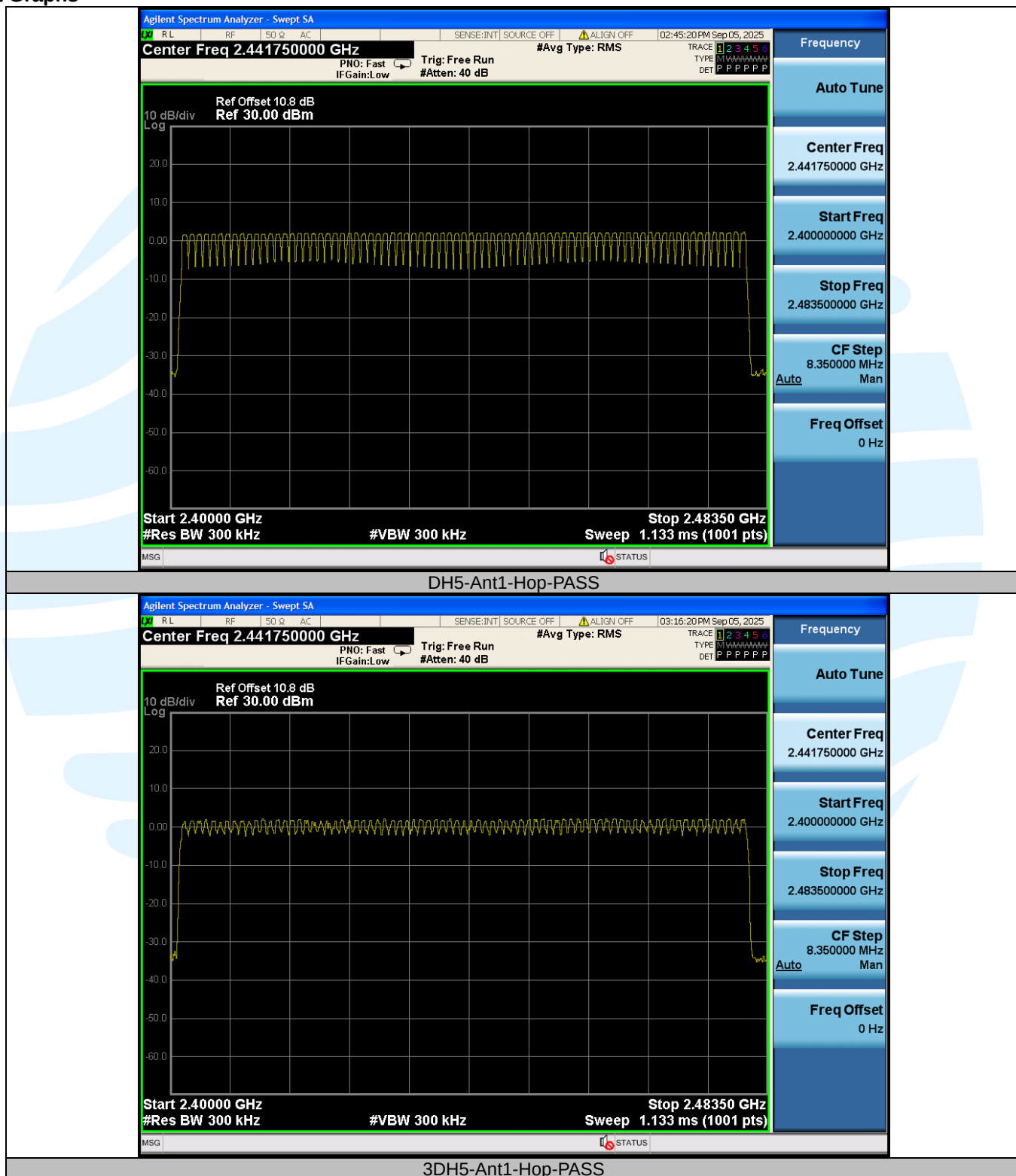
Test Graphs



Right earbud Test Result

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

Test Graphs



APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
