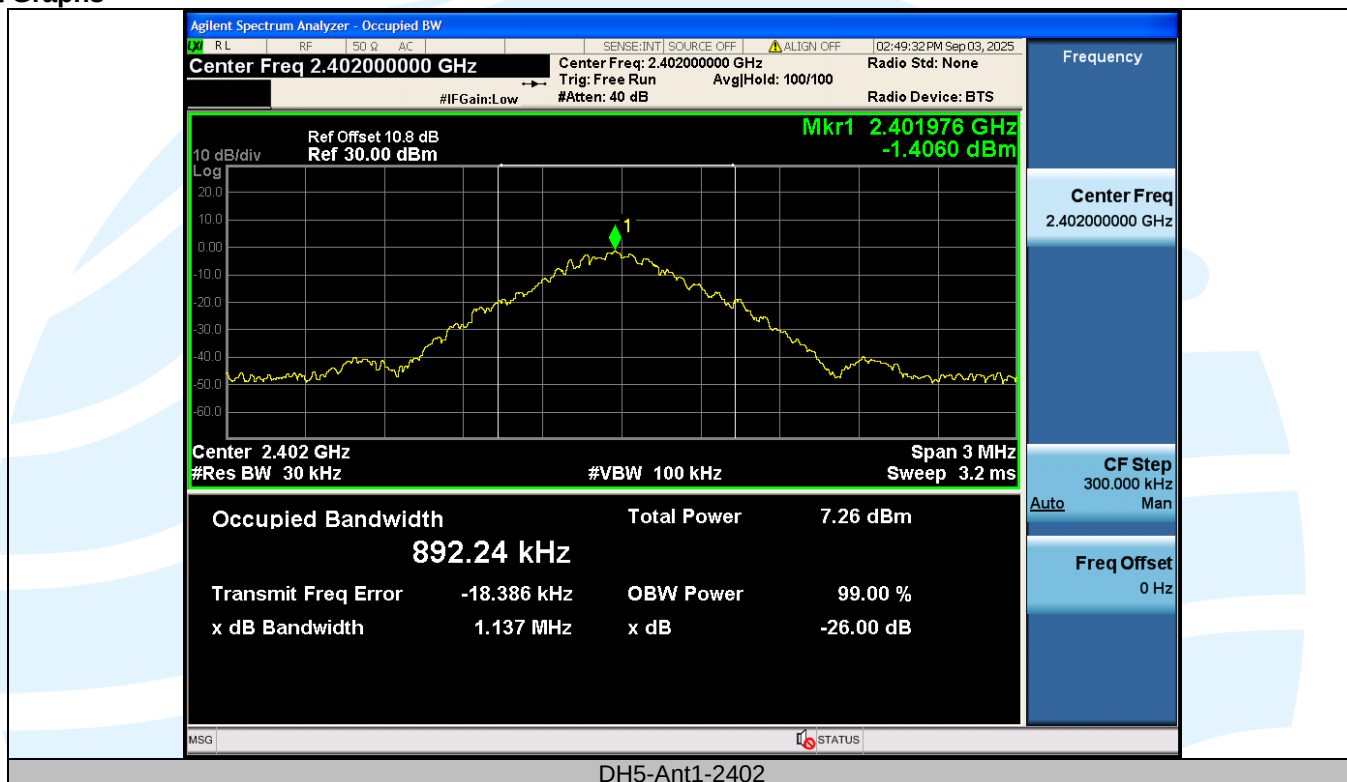


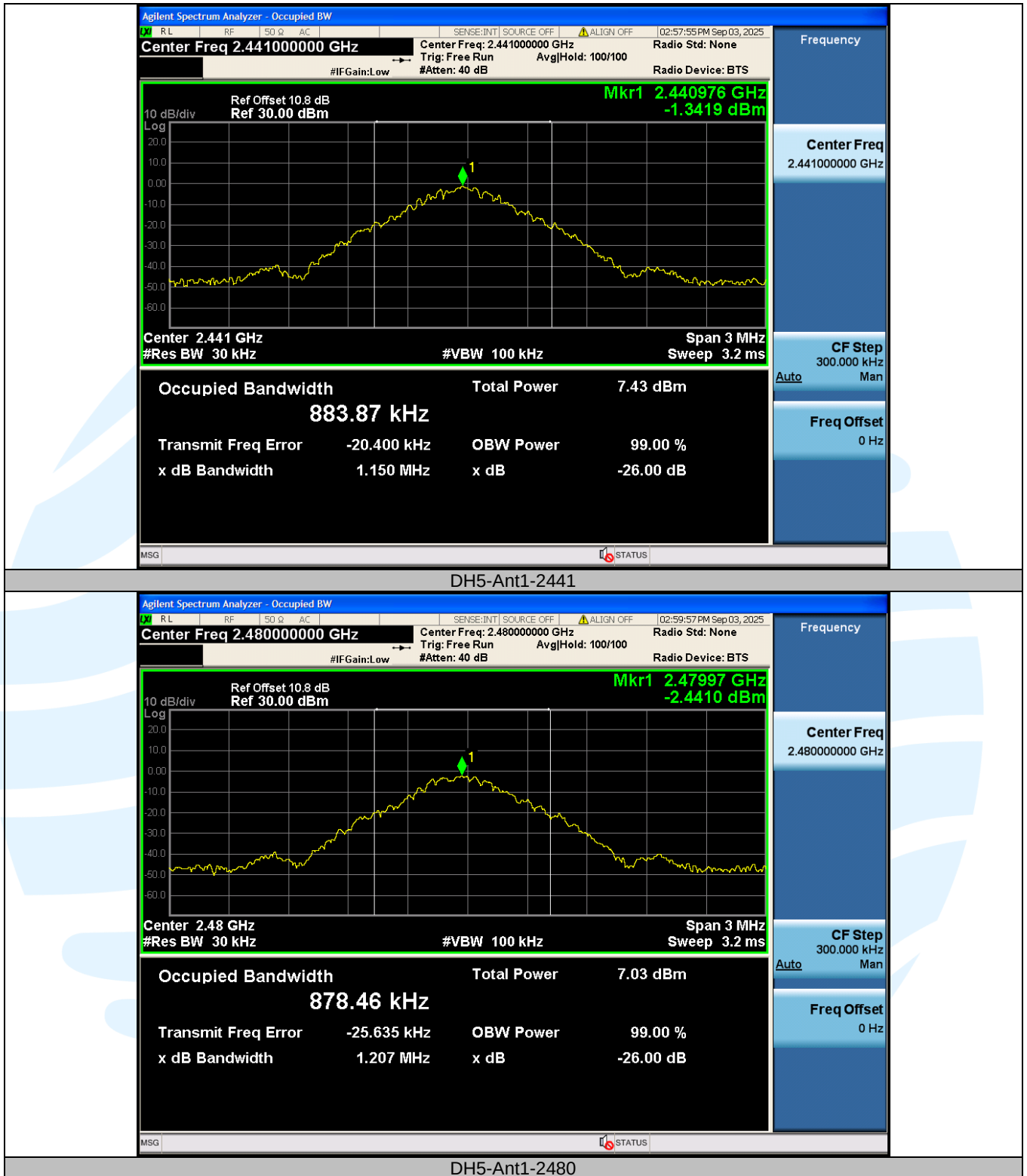
A.2 99% BANDWIDTH

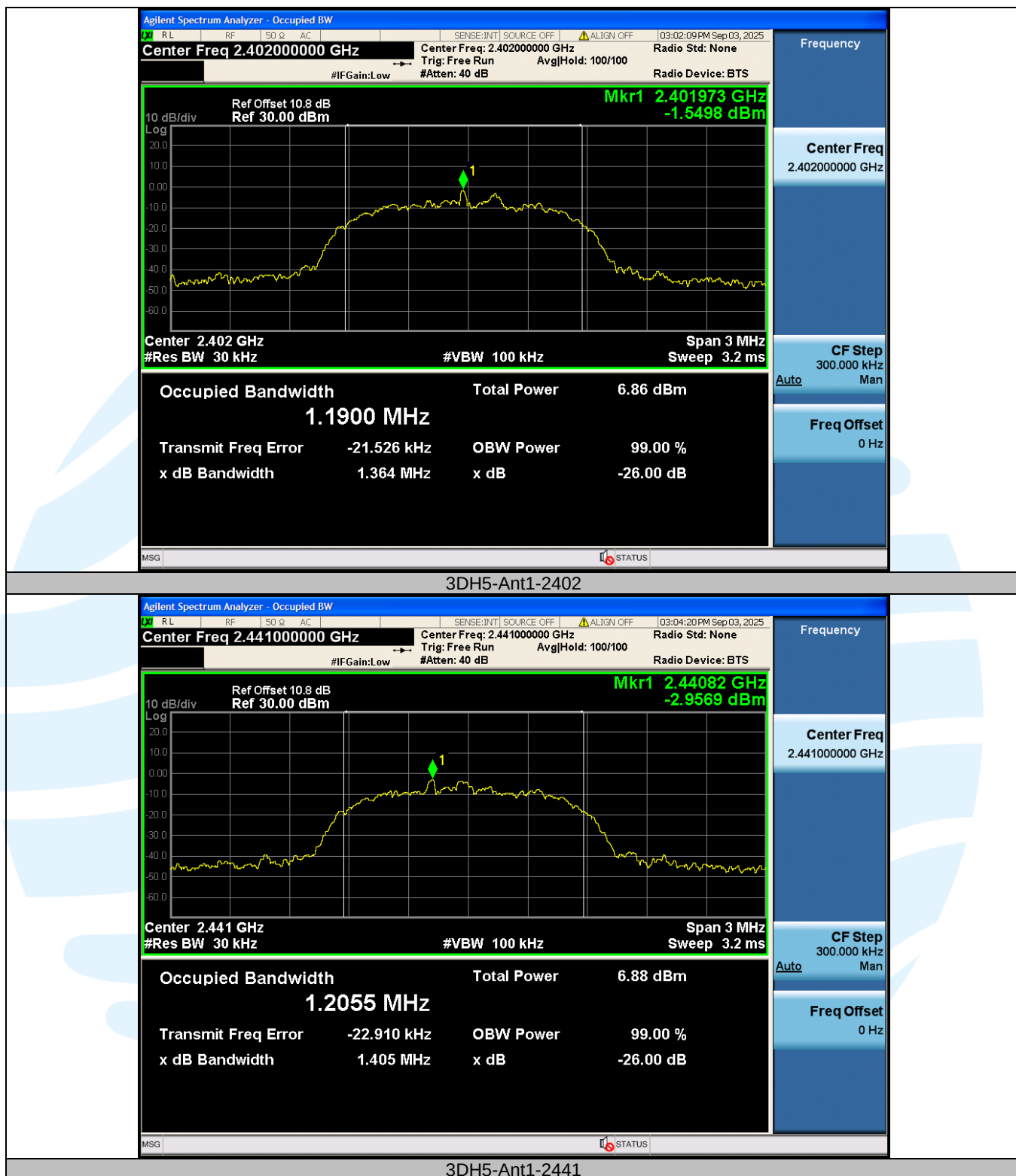
Left earbud

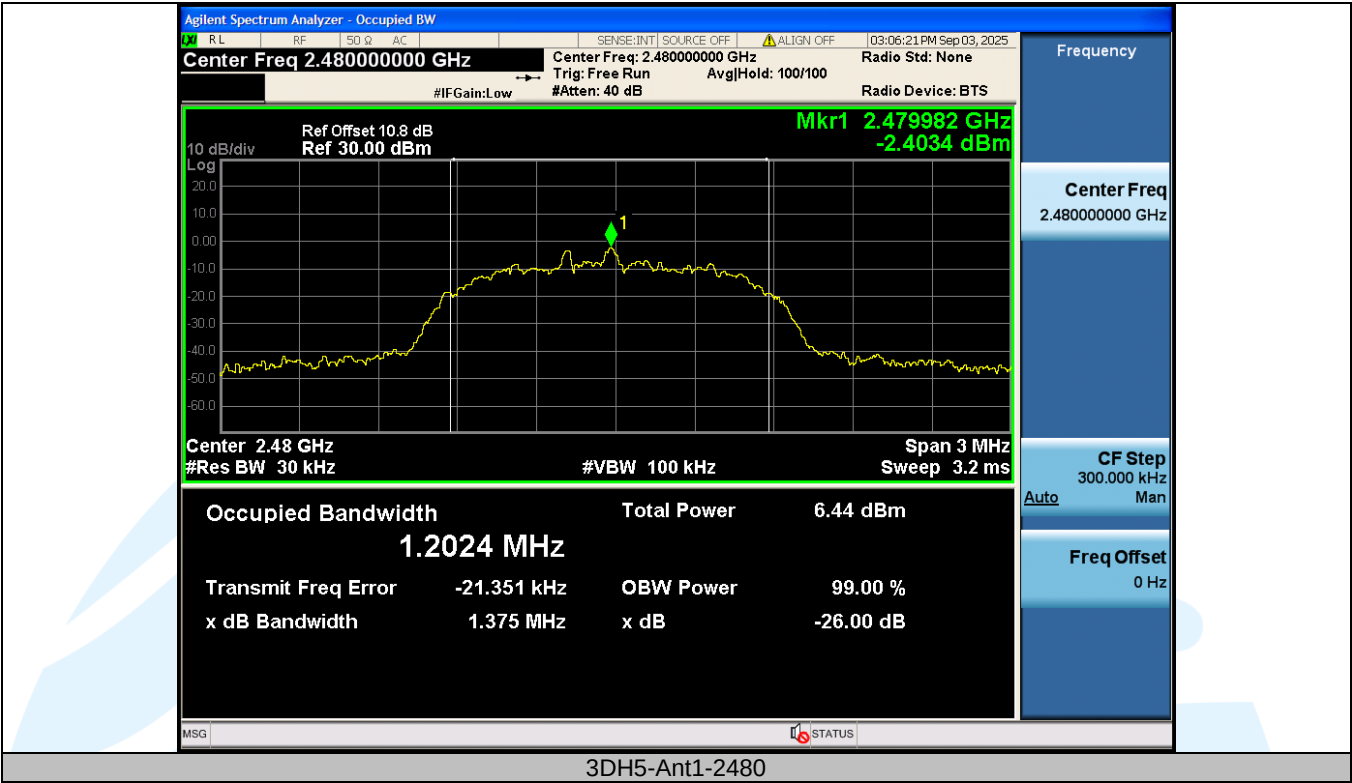
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]
DH5	Ant1	2402	0.89224	2401.5355	2402.4277
DH5	Ant1	2441	0.88387	2440.5377	2441.4215
DH5	Ant1	2480	0.87846	2479.5351	2480.4136
3DH5	Ant1	2402	1.1900	2401.3835	2402.5735
3DH5	Ant1	2441	1.2055	2440.3743	2441.5798
3DH5	Ant1	2480	1.2024	2479.3775	2480.5799

Test Graphs





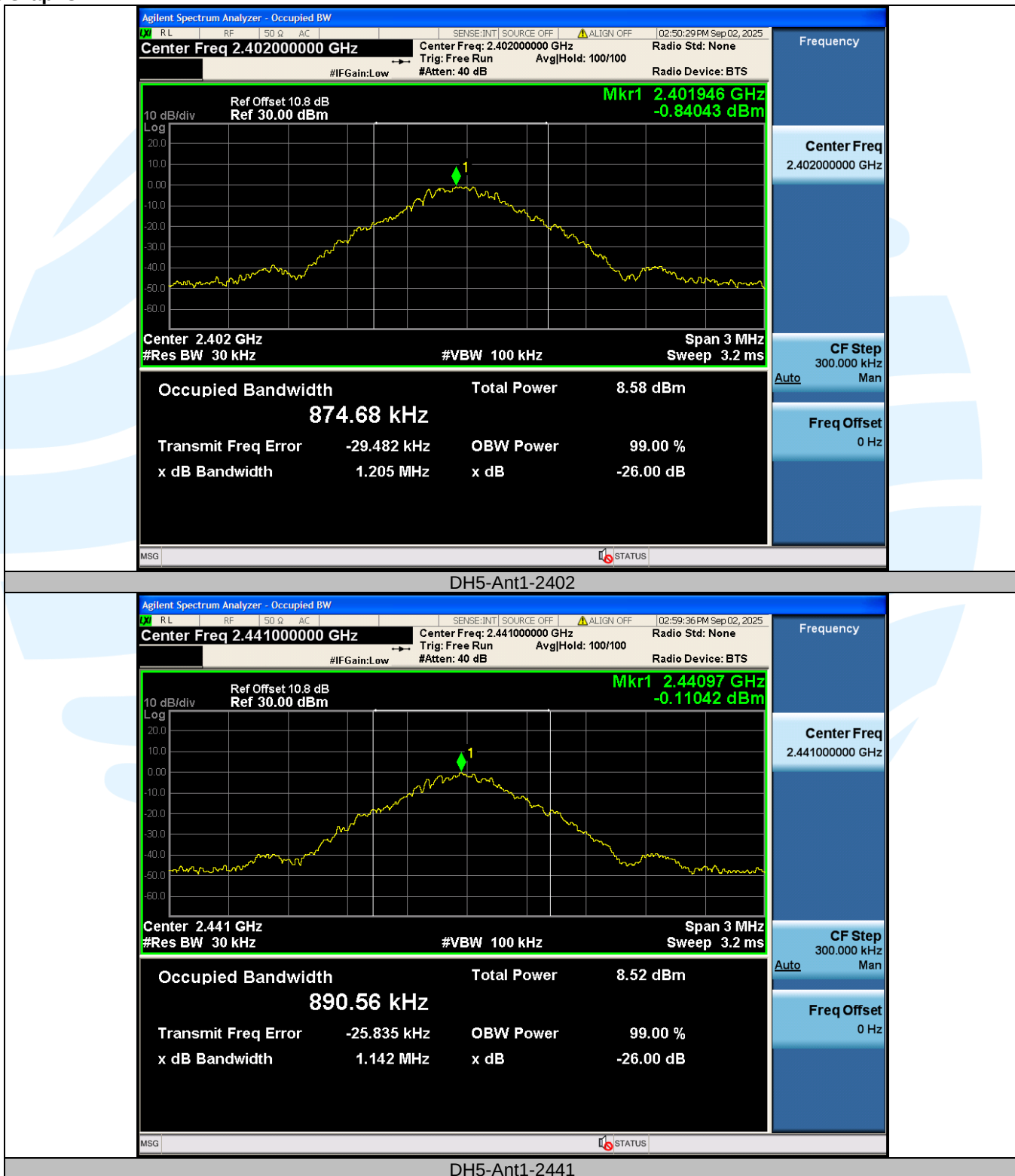




Right earbud

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]
DH5	Ant1	2402	0.87468	2401.5332	2402.4079
DH5	Ant1	2441	0.89056	2440.5289	2441.4194
DH5	Ant1	2480	0.89544	2479.5334	2480.4289
3DH5	Ant1	2402	1.1865	2401.3803	2402.5668
3DH5	Ant1	2441	1.1851	2440.3845	2441.5696
3DH5	Ant1	2480	1.2089	2479.3666	2480.5755

Test Graphs



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Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

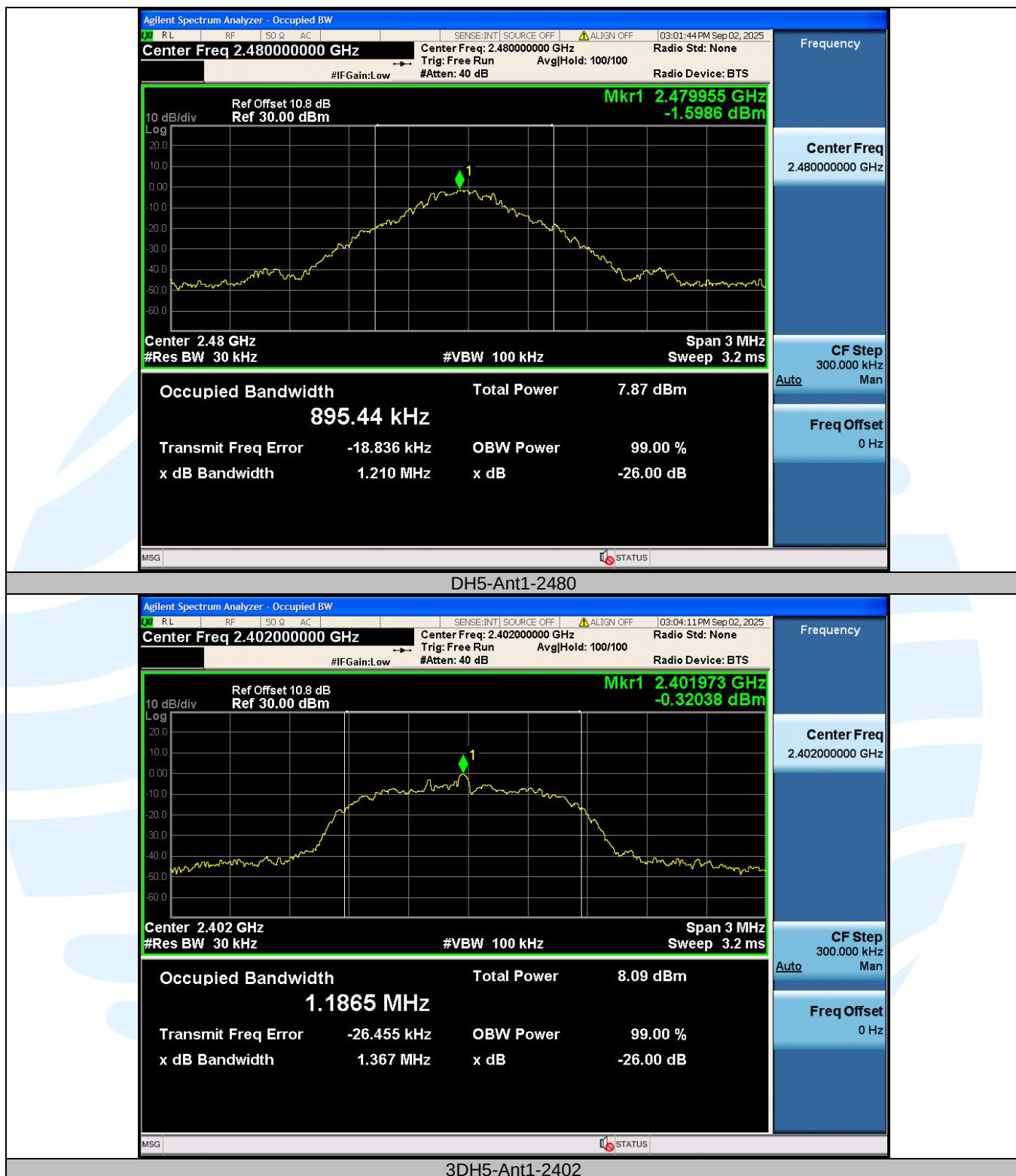
Tel: +86-755-28230888

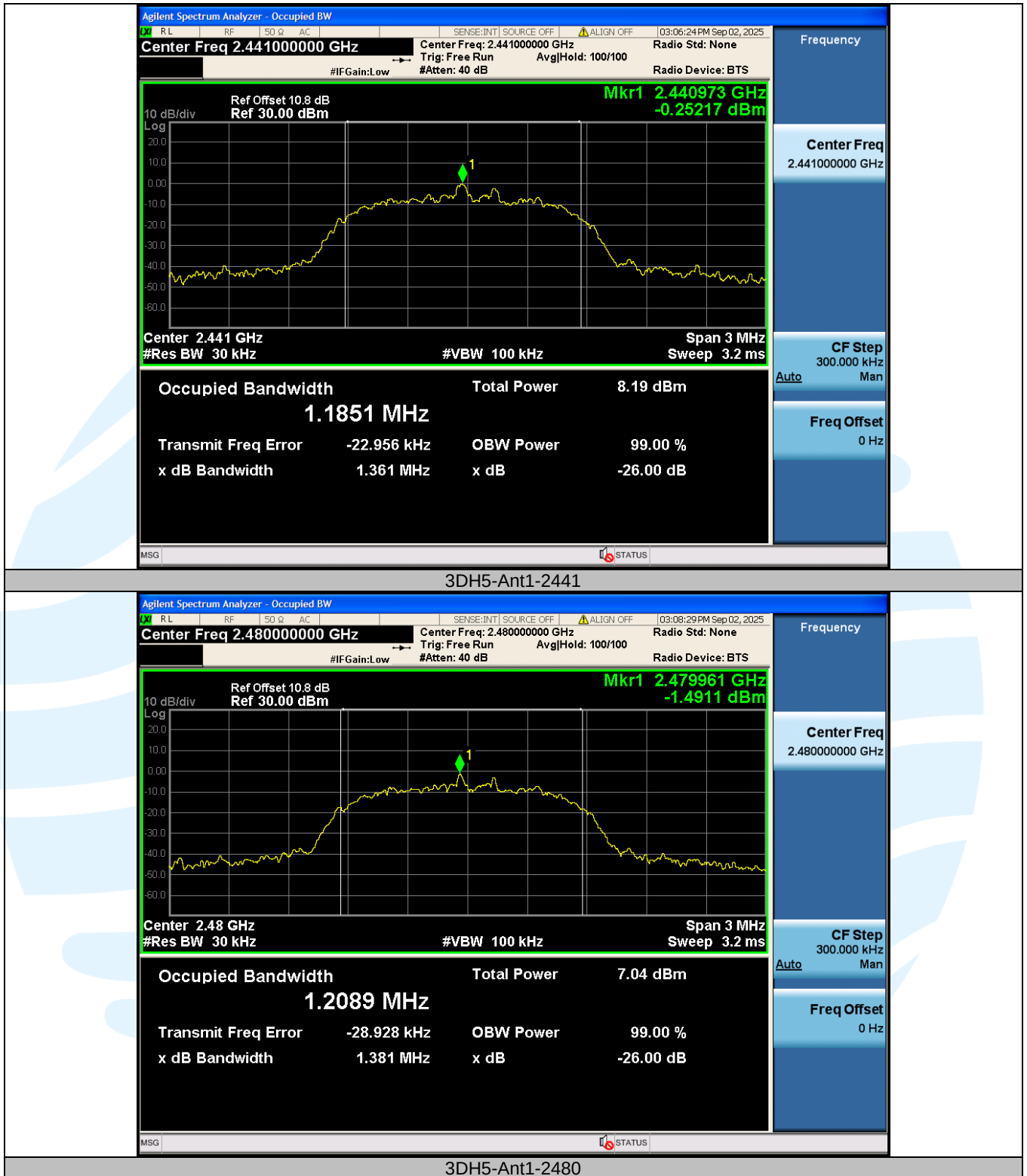
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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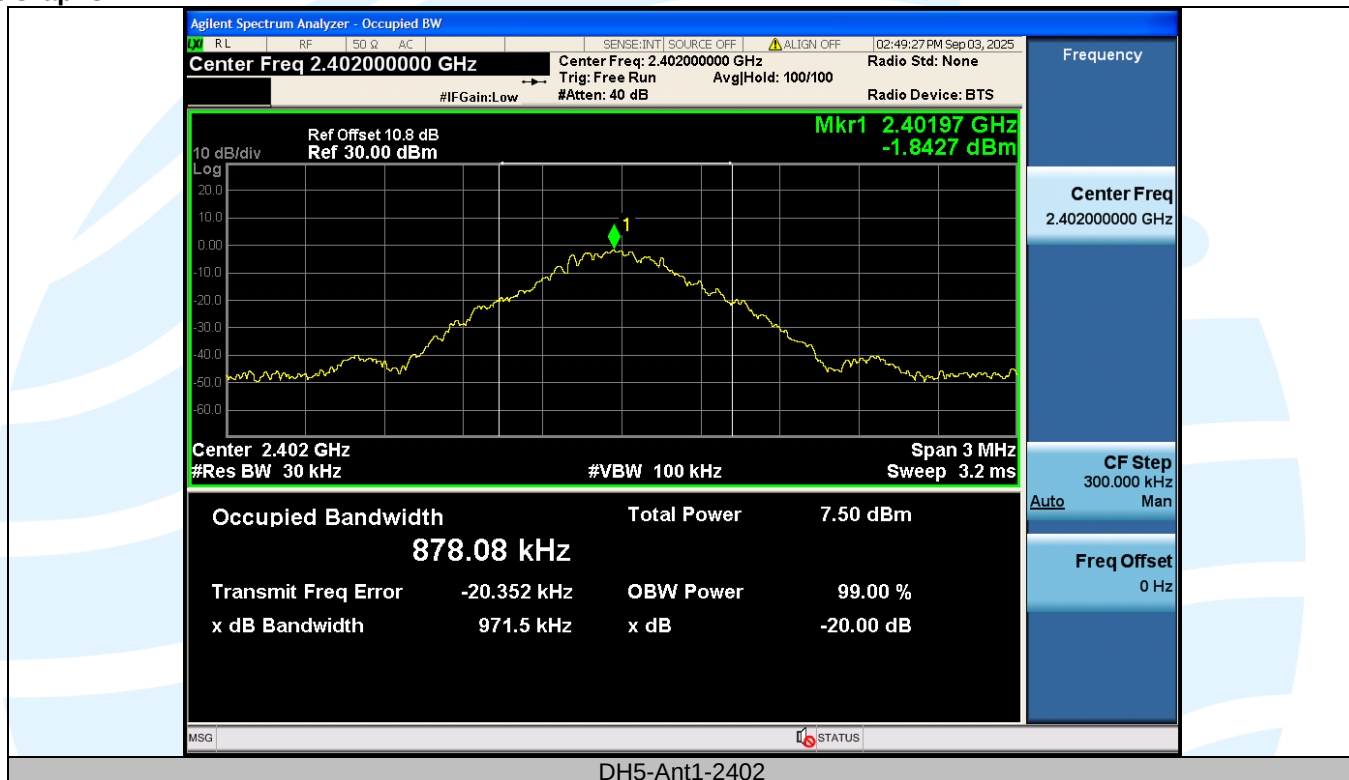
A.3 20DB BANDWIDTH

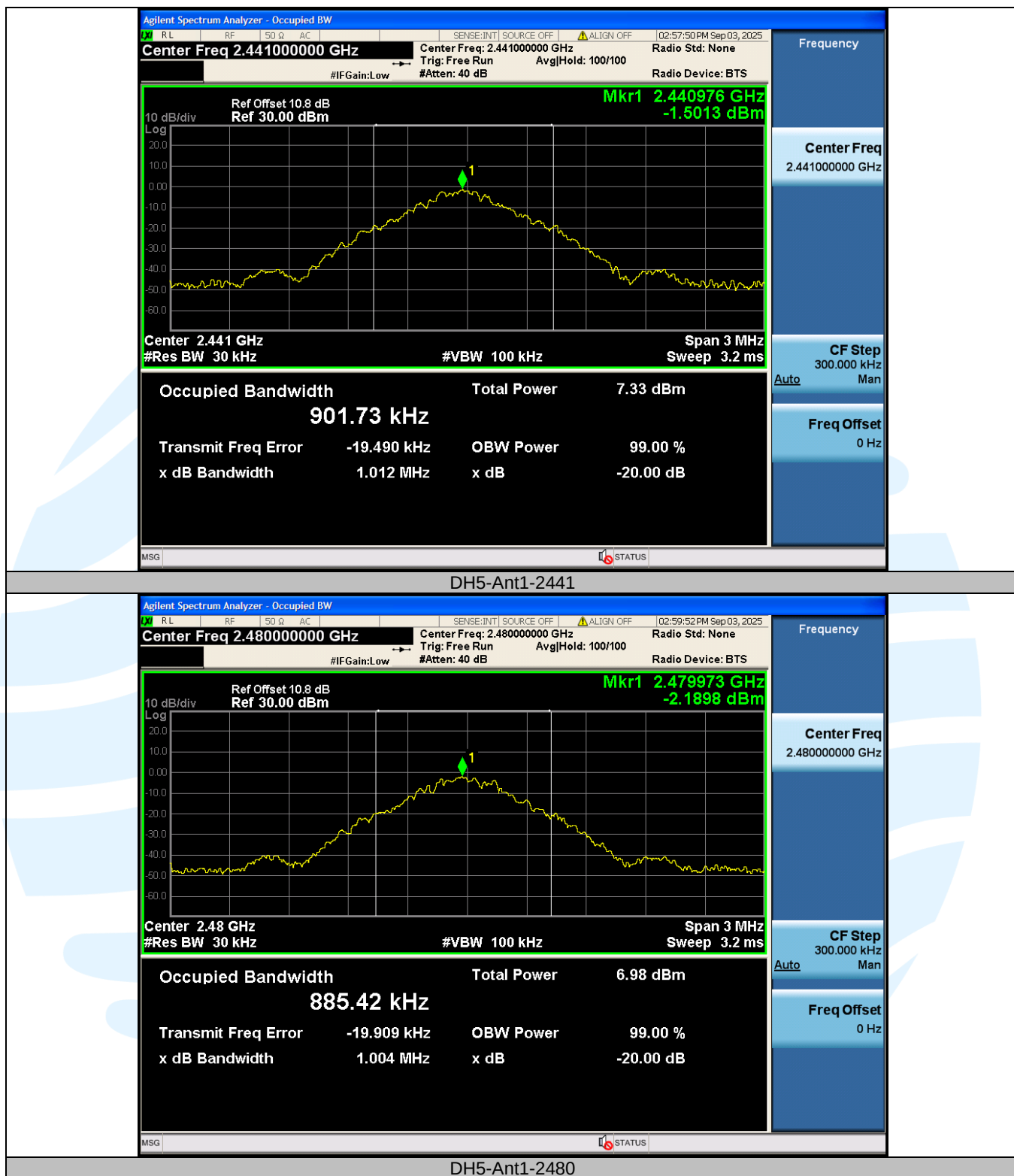
Left earbud

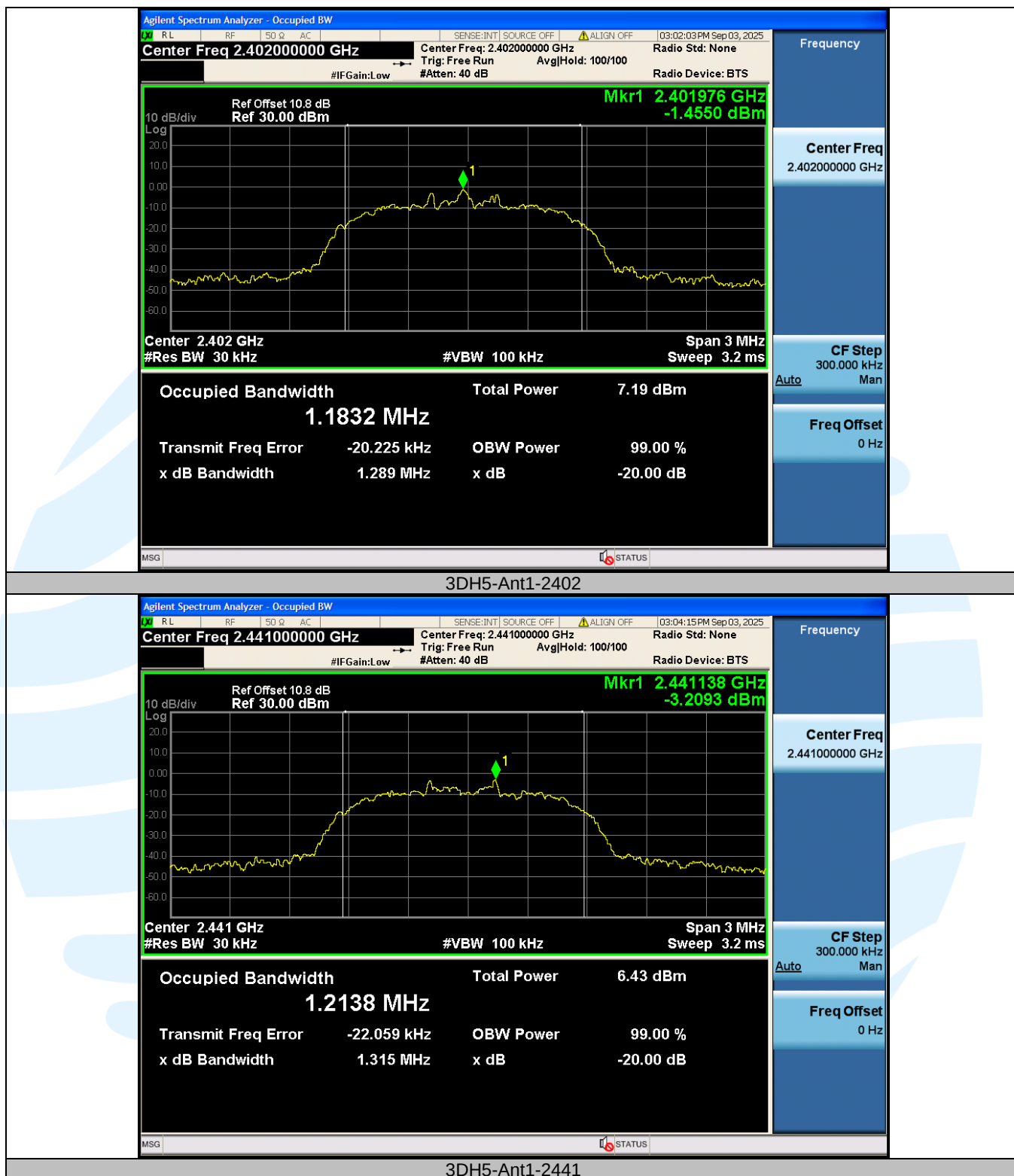
Test Result

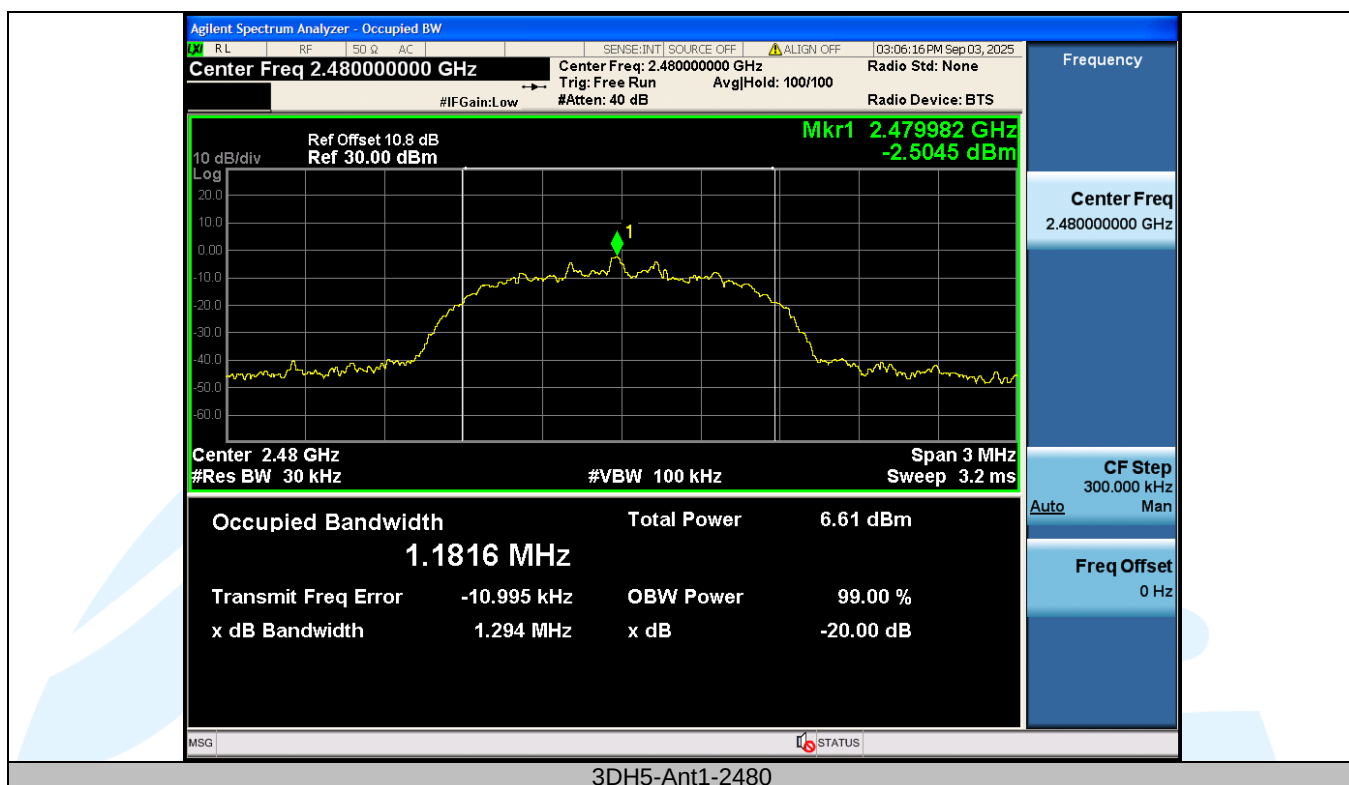
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.9715
DH5	Ant1	2441	1.012
DH5	Ant1	2480	1.004
3DH5	Ant1	2402	1.289
3DH5	Ant1	2441	1.315
3DH5	Ant1	2480	1.294

Test Graphs









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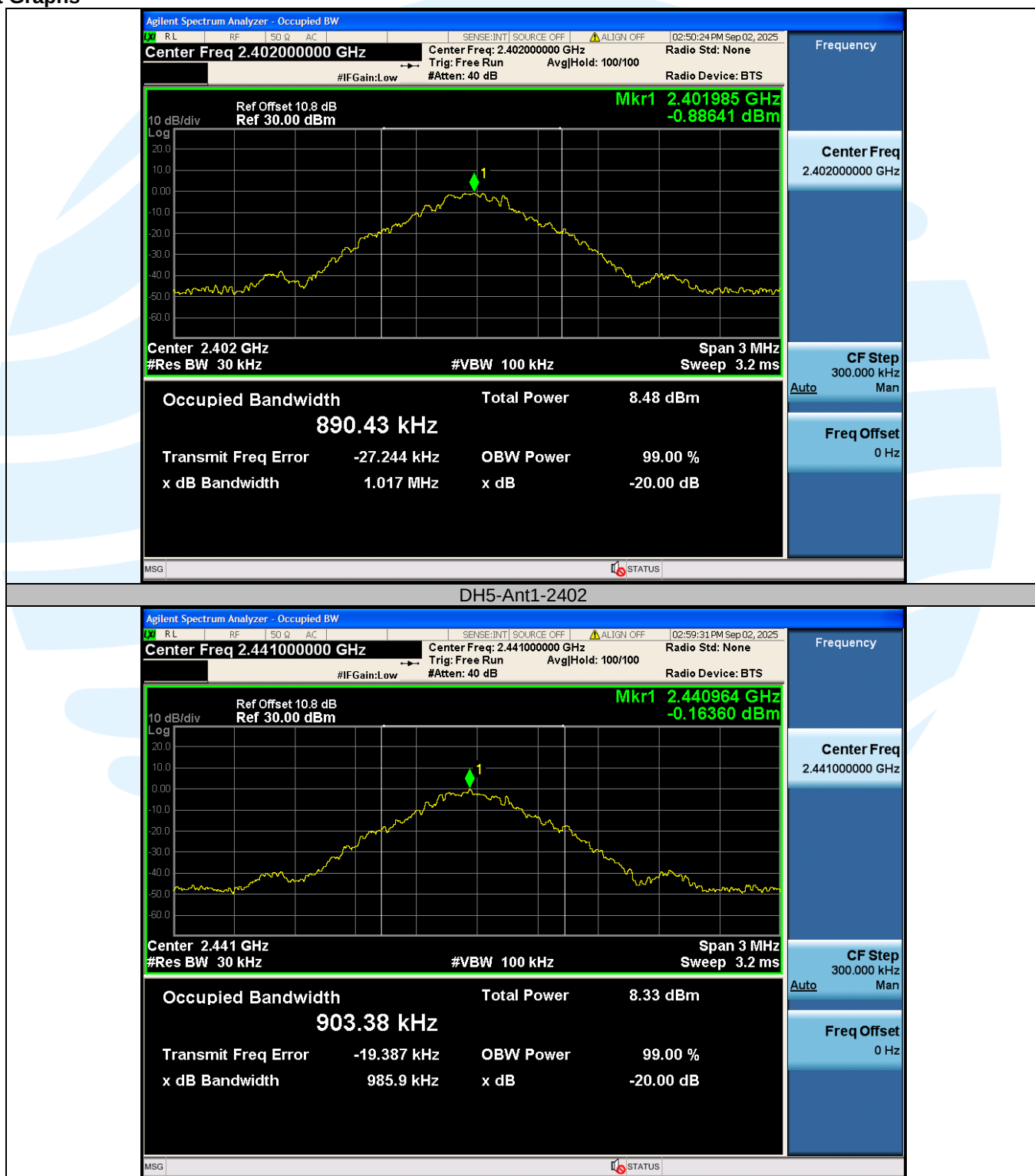
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Right earbud

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	1.017
DH5	Ant1	2441	0.9859
DH5	Ant1	2480	1.003
3DH5	Ant1	2402	1.304
3DH5	Ant1	2441	1.337
3DH5	Ant1	2480	1.304

Test Graphs



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Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

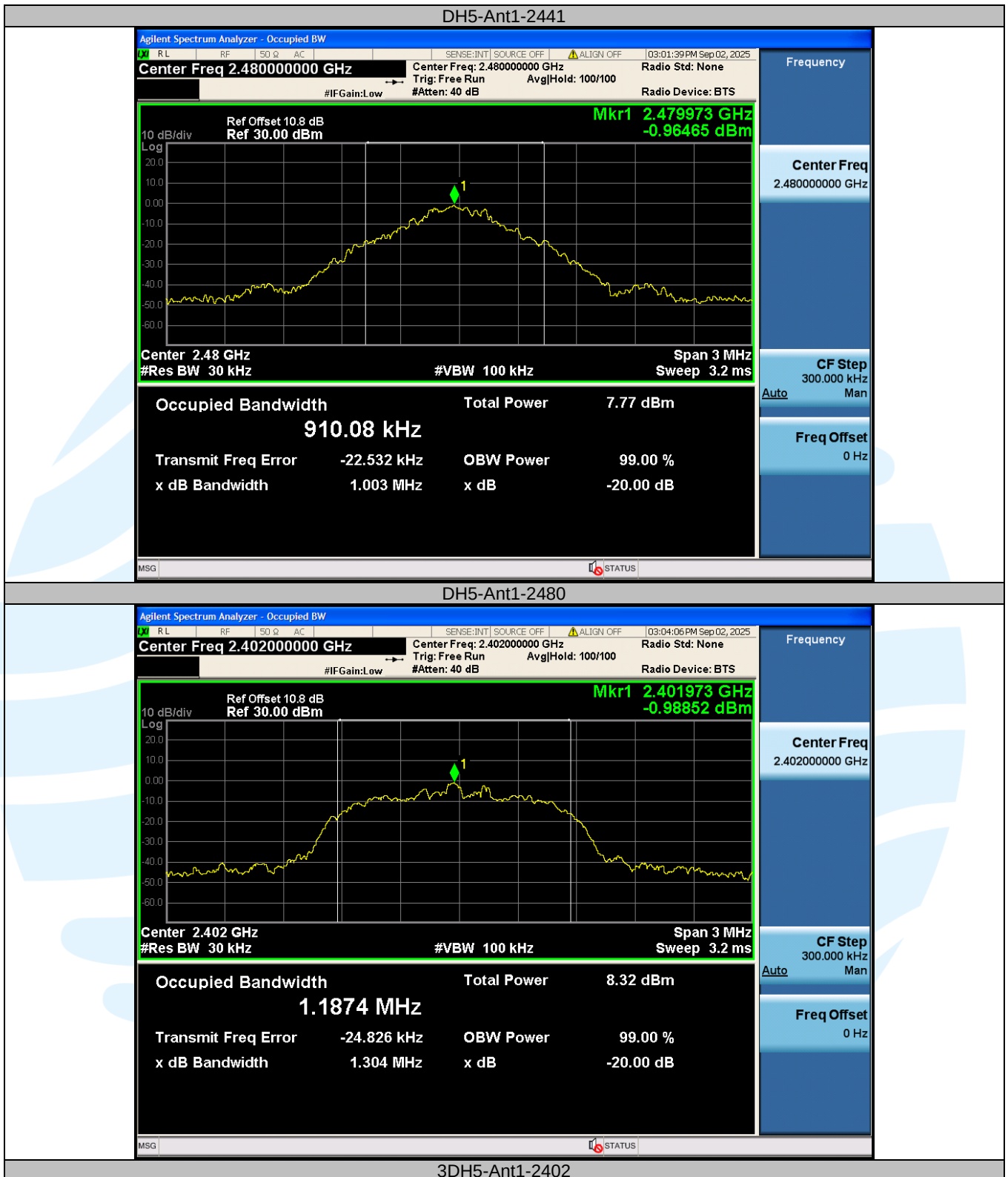
Tel: +86-755-28230888

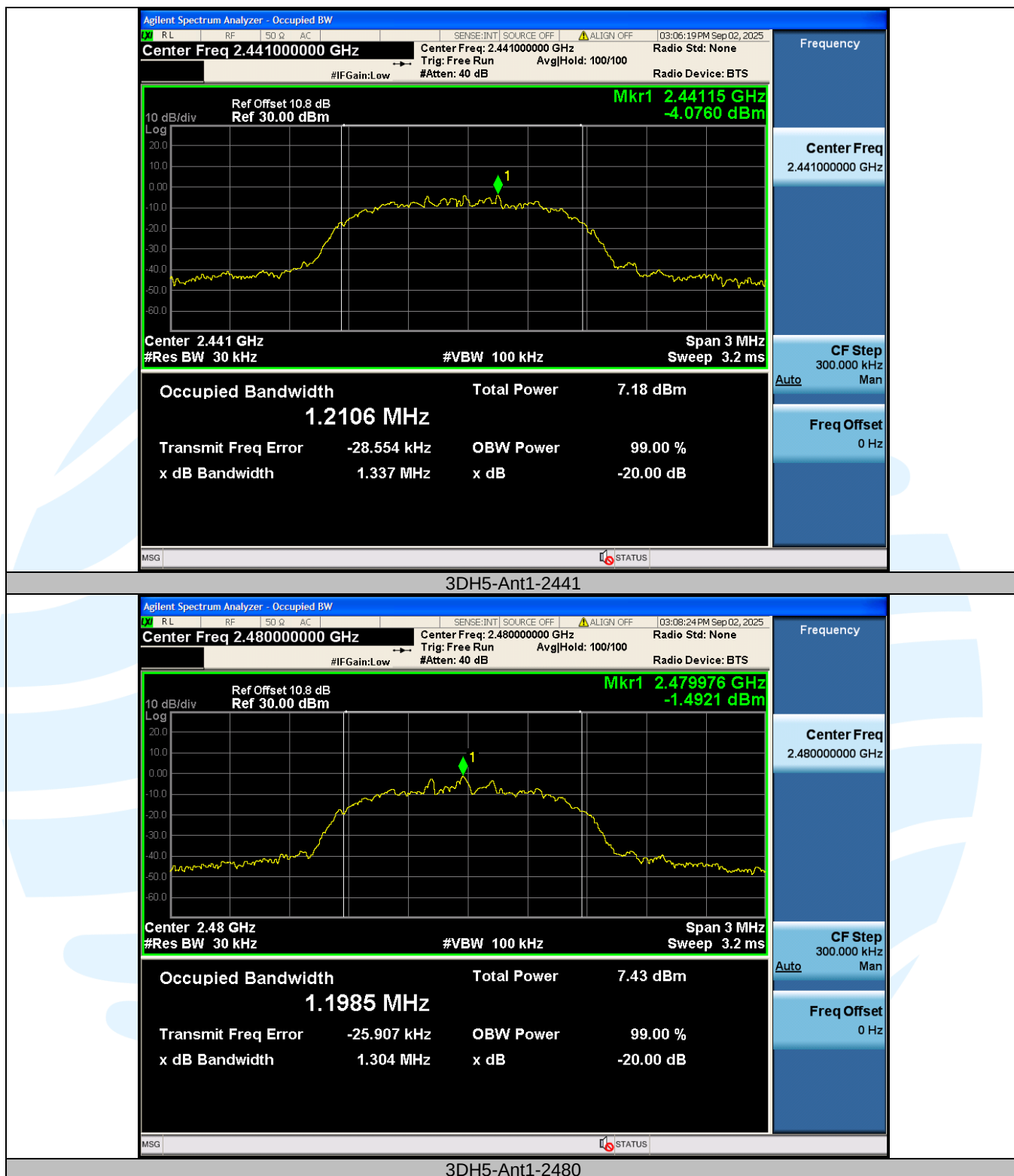
Fax: +86-755-28230886

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A.4 CARRIER FREQUENCIES SEPARATION

Left earbud

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.138	≥ 1.012	PASS
3DH5	Ant1	Hop	1.010	≥ 0.877	PASS

Test Graphs



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Right earbud

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.16	≥ 1.017	PASS
3DH5	Ant1	Hop	1.182	≥ 0.891	PASS

Test Graphs



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A.5 CONDUCTED OUT OF BAND EMISSION

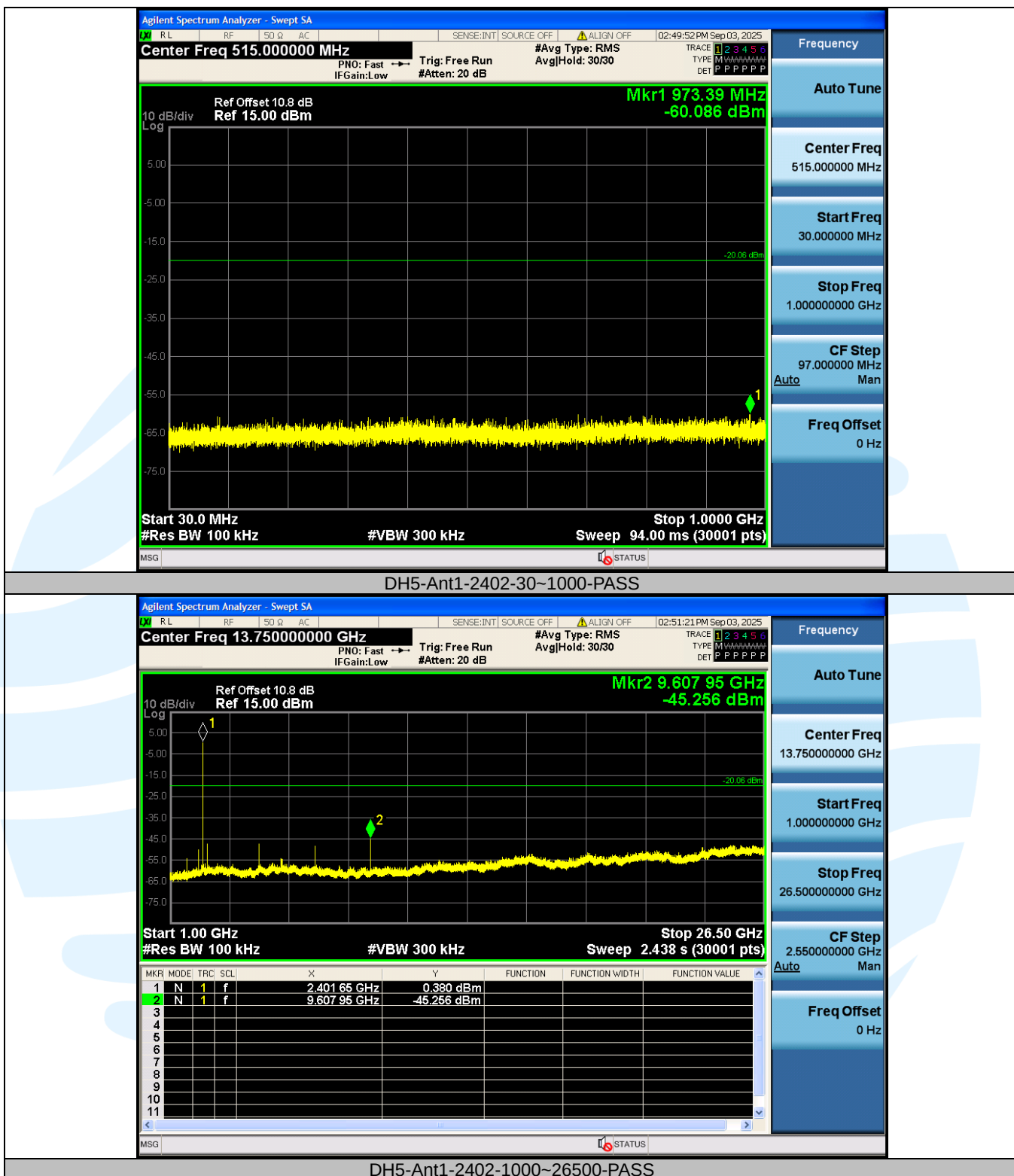
Left earbud

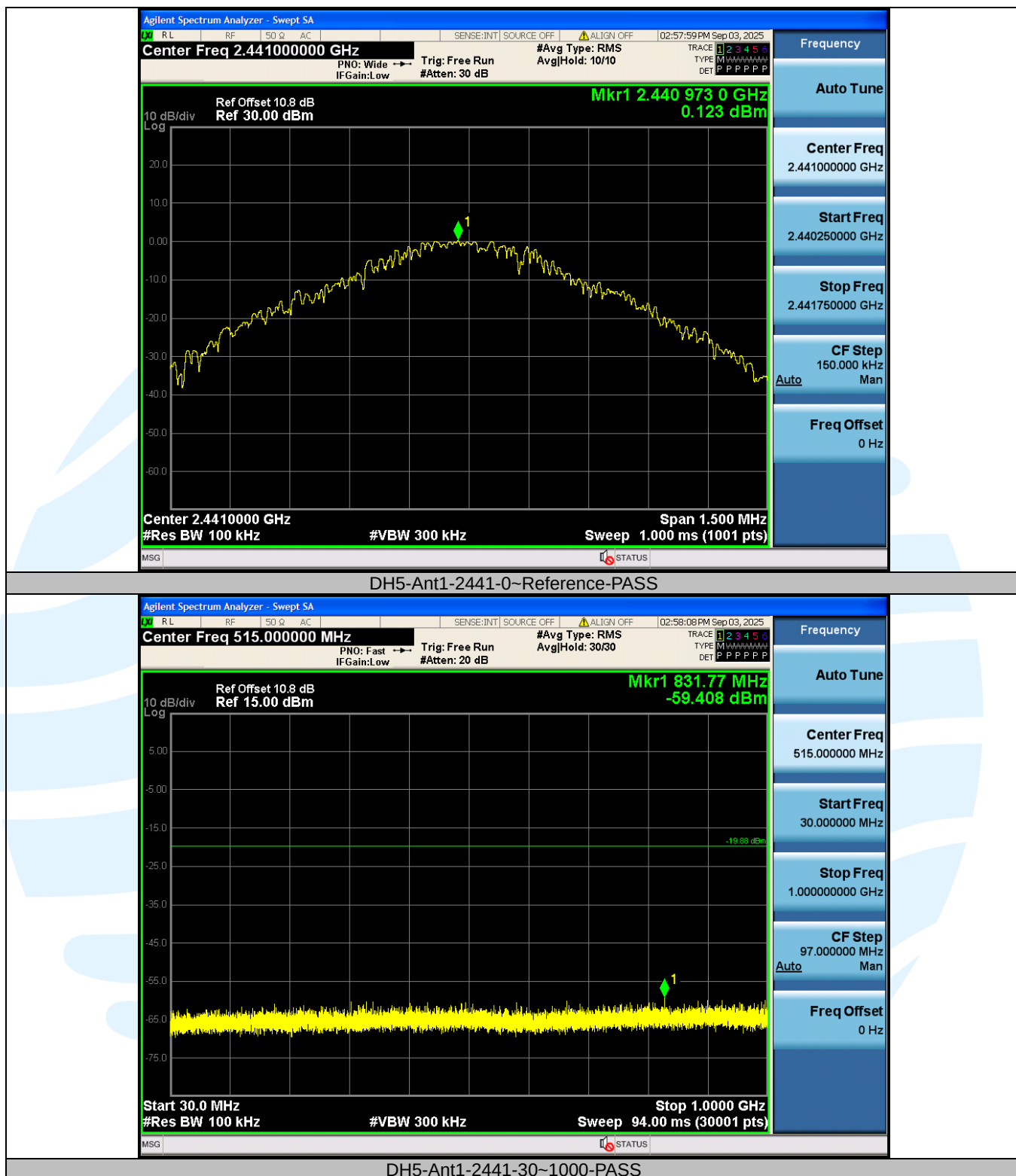
Test Result

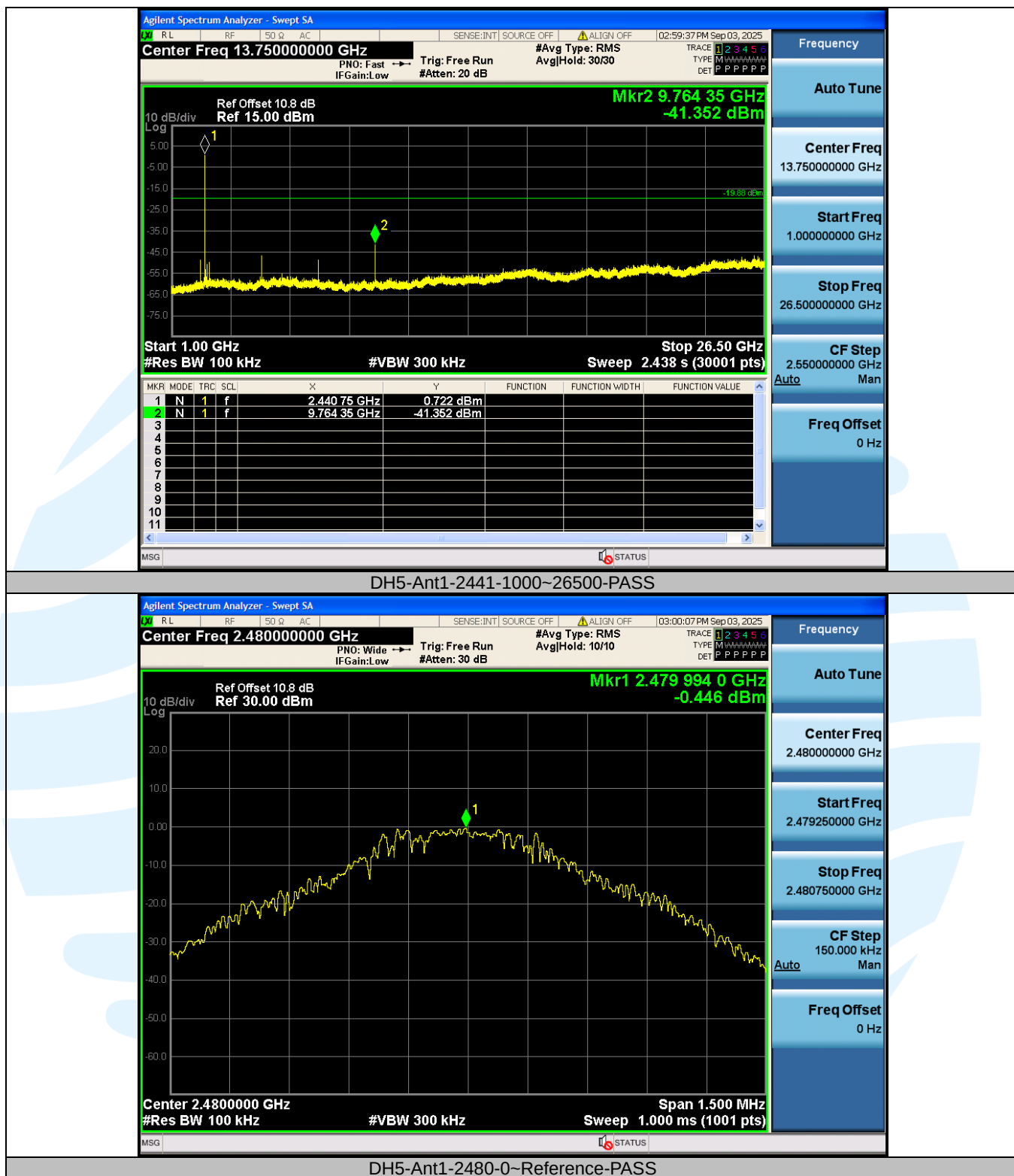
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.06	-0.06	---	PASS
DH5	Ant1	2402	30~1000	-0.06	-60.09	≤-20.06	PASS
DH5	Ant1	2402	1000~26500	-0.06	-45.26	≤-20.06	PASS
DH5	Ant1	2441	0~Reference	0.12	0.12	---	PASS
DH5	Ant1	2441	30~1000	0.12	-59.41	≤-19.88	PASS
DH5	Ant1	2441	1000~26500	0.12	-41.35	≤-19.88	PASS
DH5	Ant1	2480	0~Reference	-0.45	-0.45	---	PASS
DH5	Ant1	2480	30~1000	-0.45	-59.84	≤-20.45	PASS
DH5	Ant1	2480	1000~26500	-0.45	-42.2	≤-20.45	PASS
3DH5	Ant1	2402	0~Reference	0.18	0.18	---	PASS
3DH5	Ant1	2402	30~1000	0.18	-60.21	≤-19.82	PASS
3DH5	Ant1	2402	1000~26500	0.18	-45.53	≤-19.82	PASS
3DH5	Ant1	2441	0~Reference	0.26	0.26	---	PASS
3DH5	Ant1	2441	30~1000	0.26	-59.72	≤-19.74	PASS
3DH5	Ant1	2441	1000~26500	0.26	-41.41	≤-19.74	PASS
3DH5	Ant1	2480	0~Reference	-3.48	-3.48	---	PASS
3DH5	Ant1	2480	30~1000	-3.48	-60.04	≤-23.48	PASS
3DH5	Ant1	2480	1000~26500	-3.48	-42.12	≤-23.48	PASS

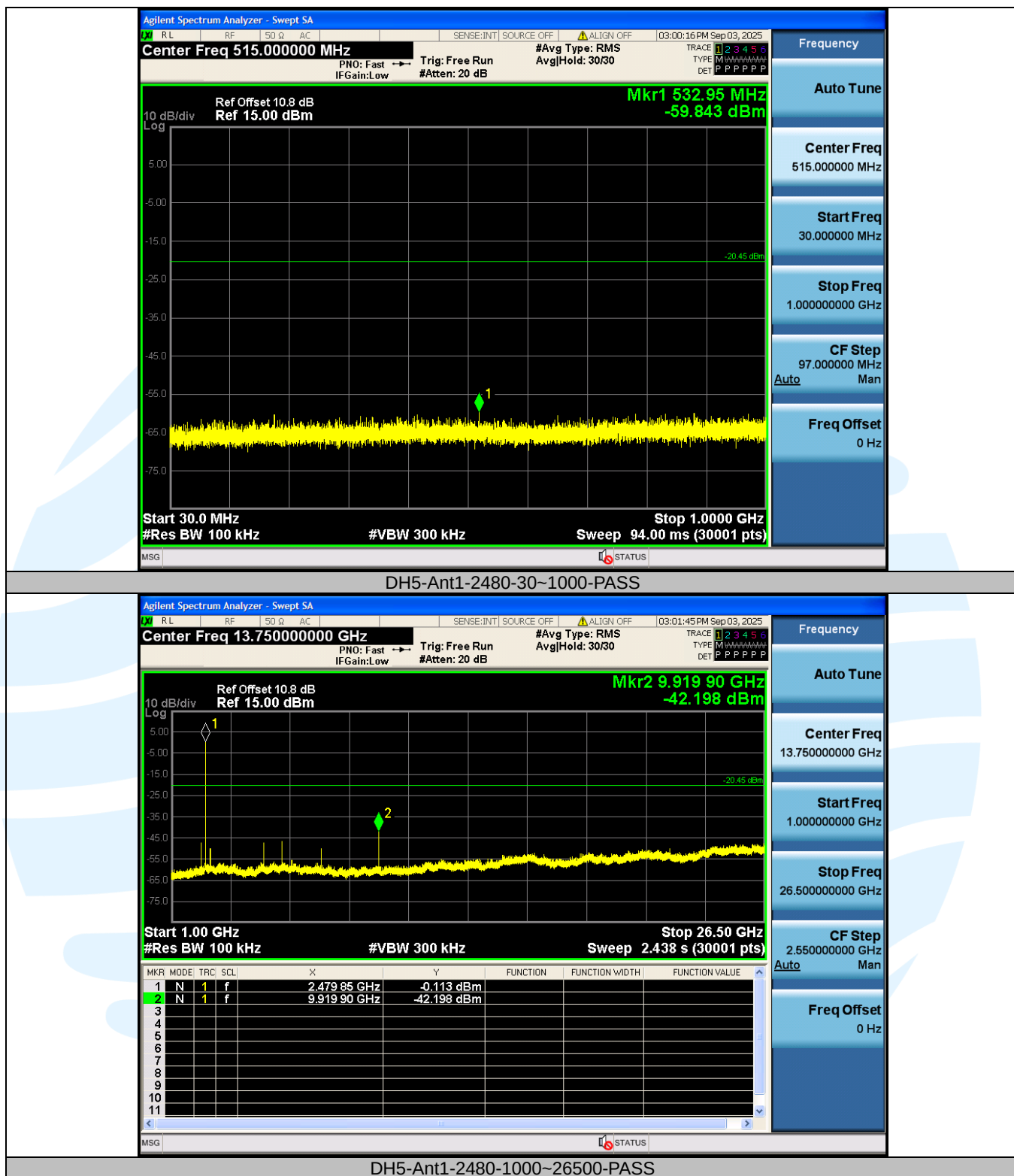
Test Graphs

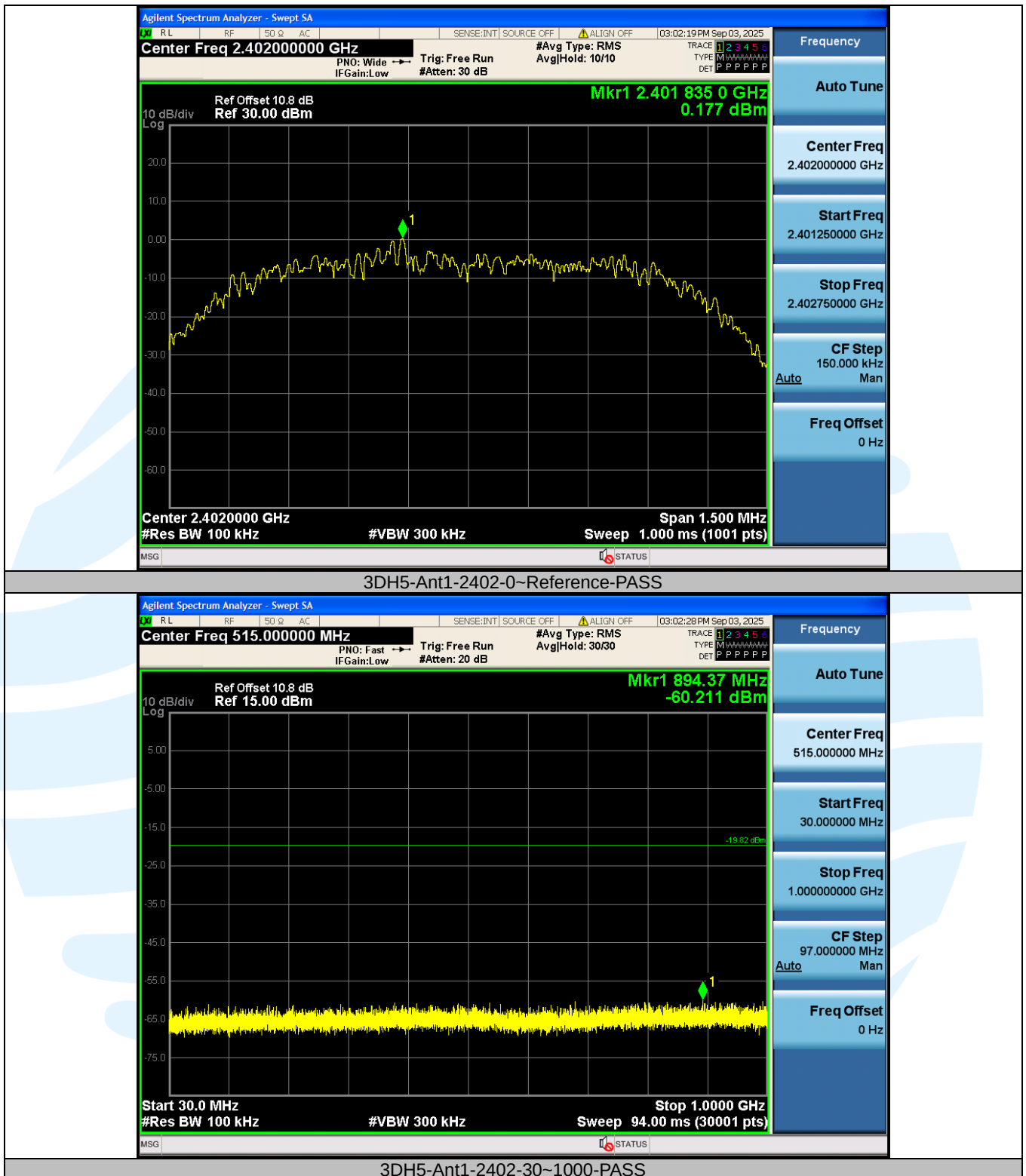


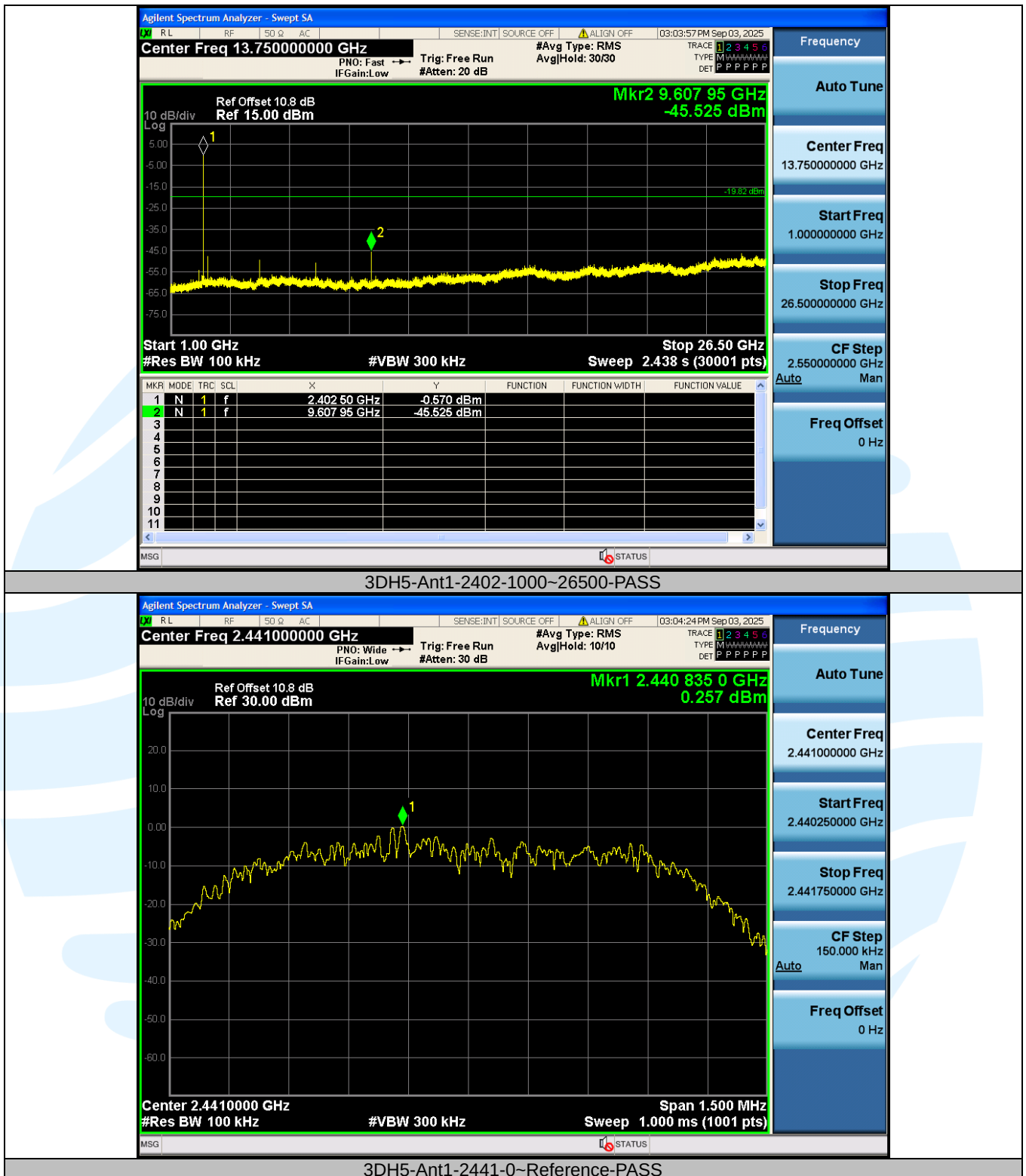










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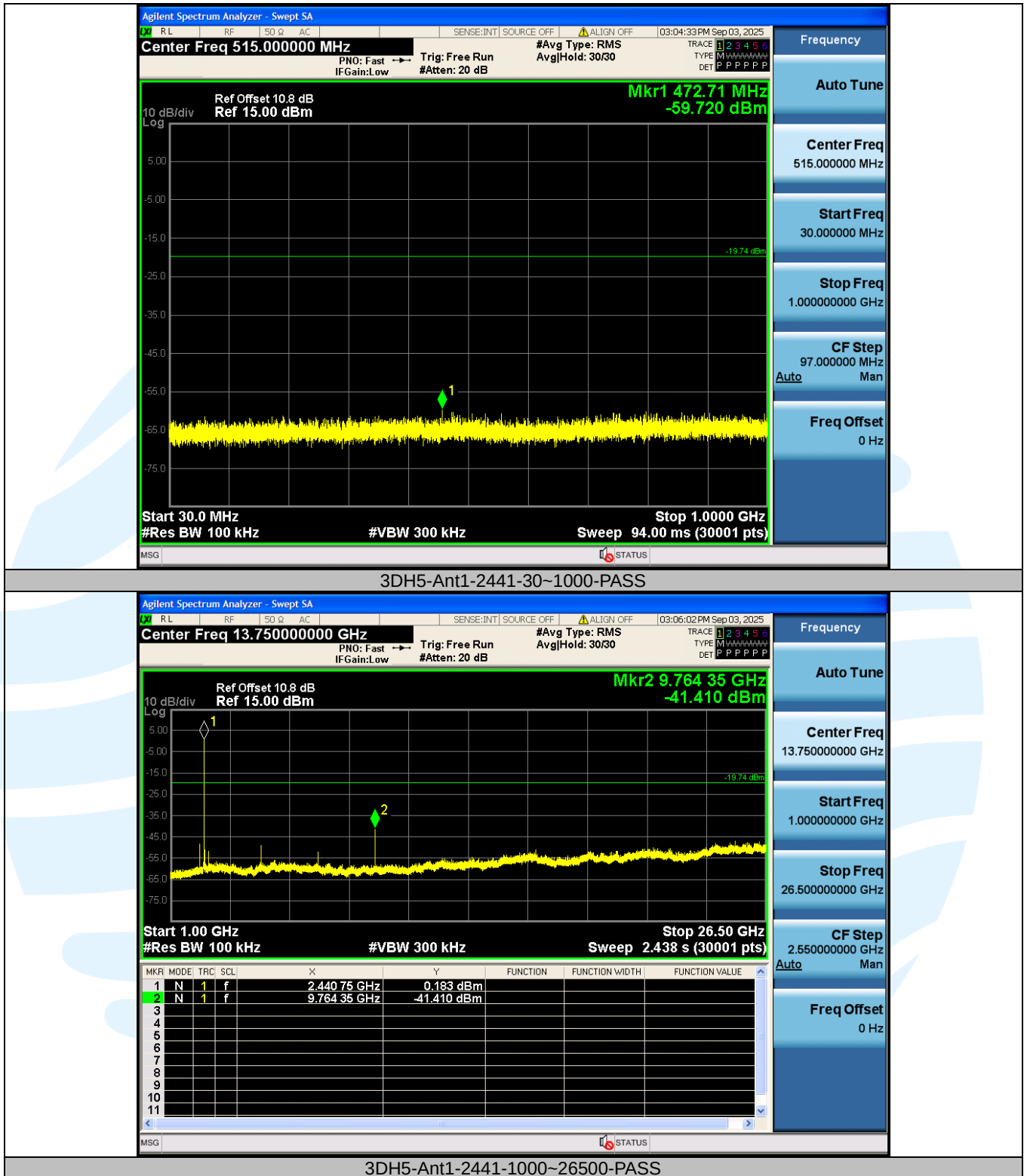
Tel: +86-755-28230888

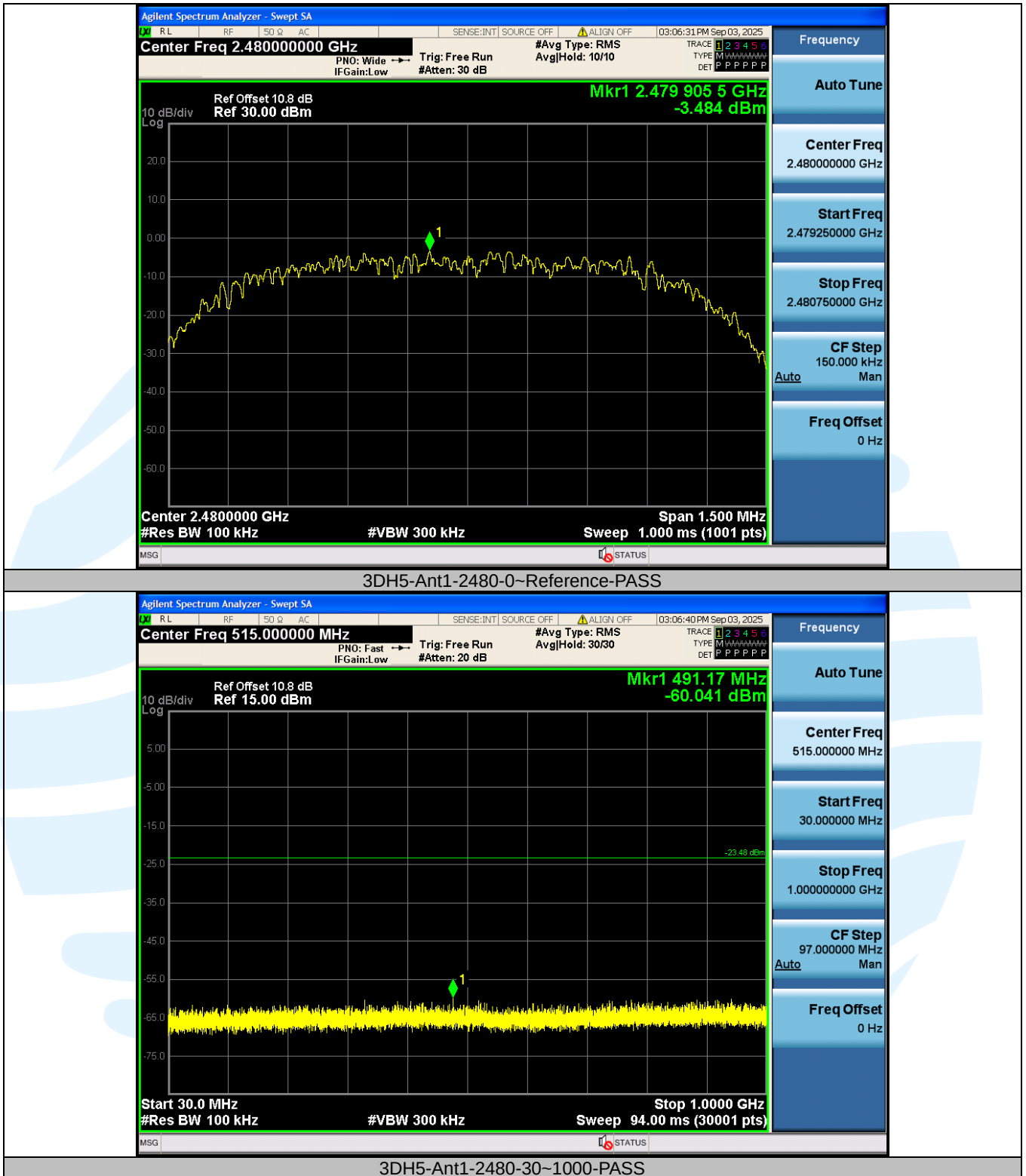
Fax: +86-755-28230886

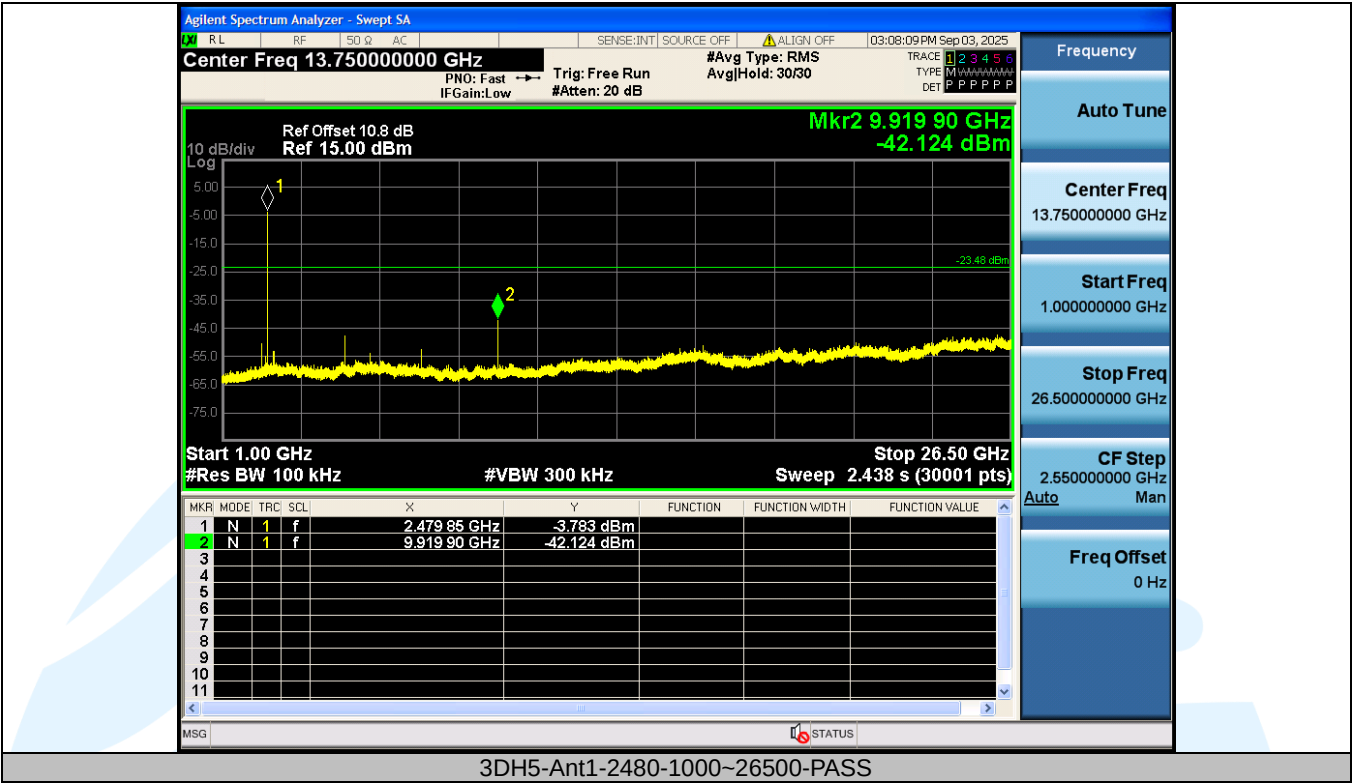
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3DH5-Ant1-2480-1000-26500-PASS

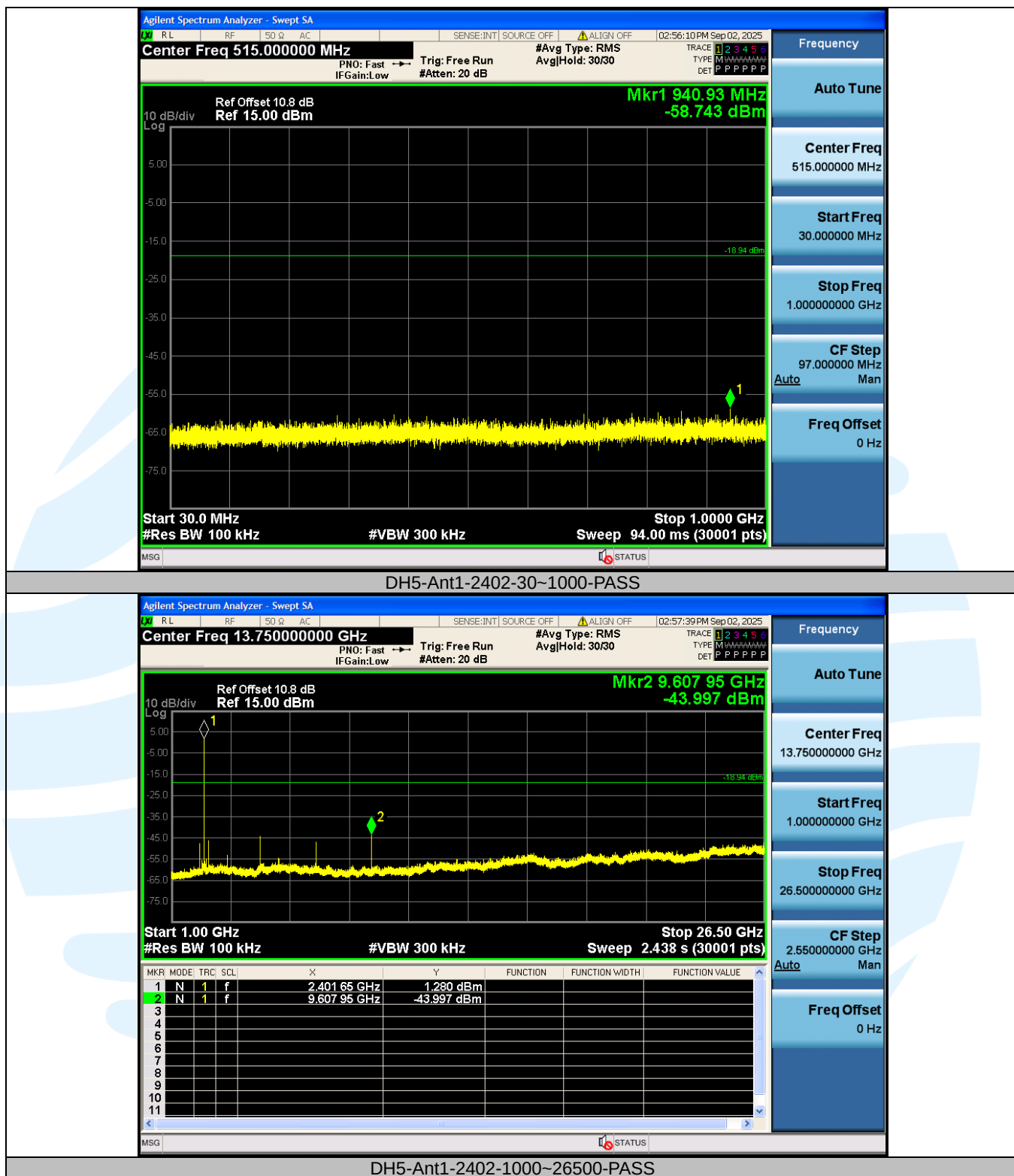
Right earbud

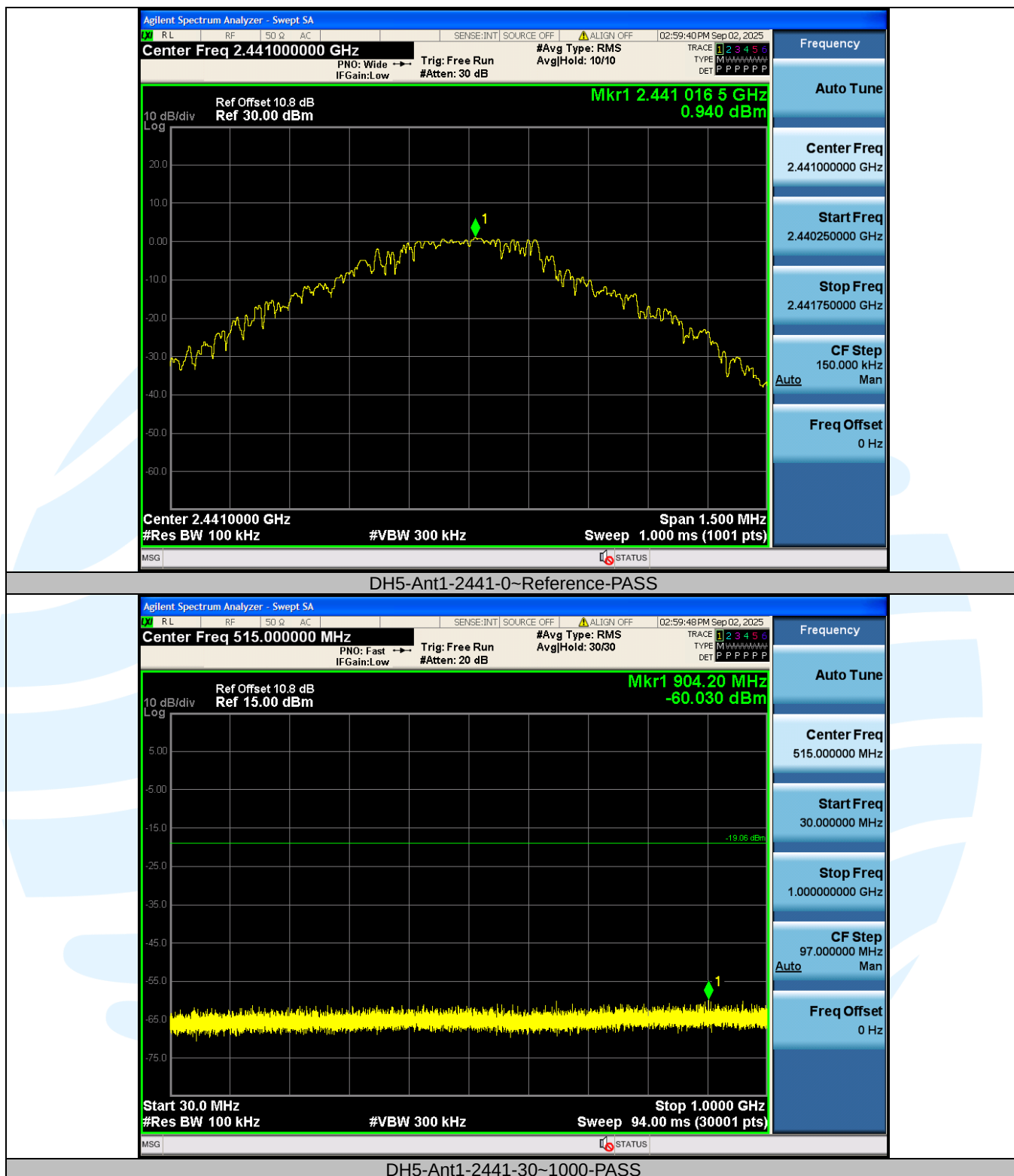
Test Result

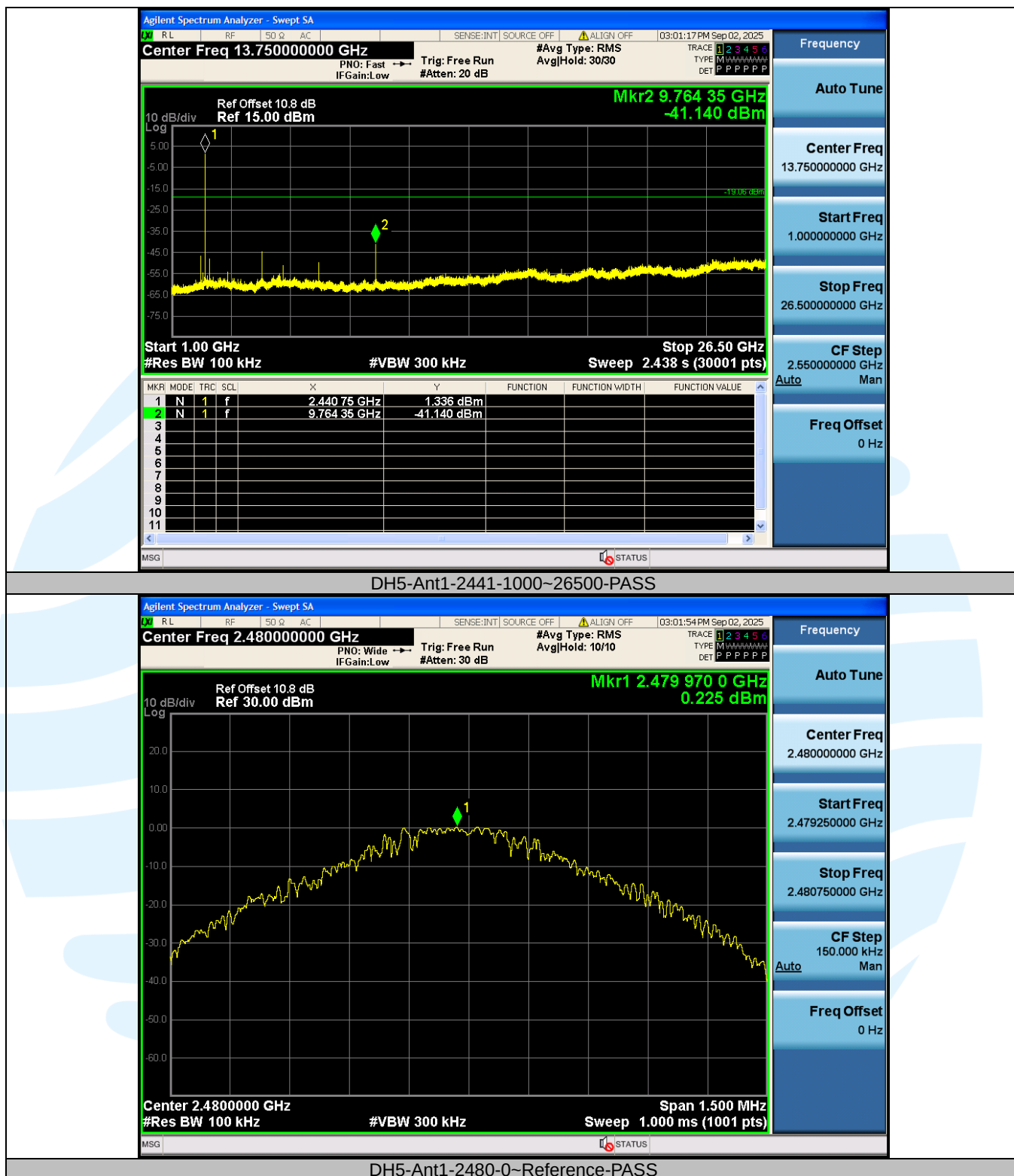
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.06	1.06	---	PASS
DH5	Ant1	2402	30~1000	1.06	-58.74	≤-18.94	PASS
DH5	Ant1	2402	1000~26500	1.06	-44	≤-18.94	PASS
DH5	Ant1	2441	0~Reference	0.94	0.94	---	PASS
DH5	Ant1	2441	30~1000	0.94	-60.03	≤-19.06	PASS
DH5	Ant1	2441	1000~26500	0.94	-41.14	≤-19.06	PASS
DH5	Ant1	2480	0~Reference	0.23	0.23	---	PASS
DH5	Ant1	2480	30~1000	0.23	-59.84	≤-19.77	PASS
DH5	Ant1	2480	1000~26500	0.23	-41.11	≤-19.77	PASS
3DH5	Ant1	2402	0~Reference	-2.09	-2.09	---	PASS
3DH5	Ant1	2402	30~1000	-2.09	-59.65	≤-22.09	PASS
3DH5	Ant1	2402	1000~26500	-2.09	-44.47	≤-22.09	PASS
3DH5	Ant1	2441	0~Reference	1.32	1.32	---	PASS
3DH5	Ant1	2441	30~1000	1.32	-59.5	≤-18.68	PASS
3DH5	Ant1	2441	1000~26500	1.32	-40.8	≤-18.68	PASS
3DH5	Ant1	2480	0~Reference	-2.34	-2.34	---	PASS
3DH5	Ant1	2480	30~1000	-2.34	-59.58	≤-22.34	PASS
3DH5	Ant1	2480	1000~26500	-2.34	-41.25	≤-22.34	PASS

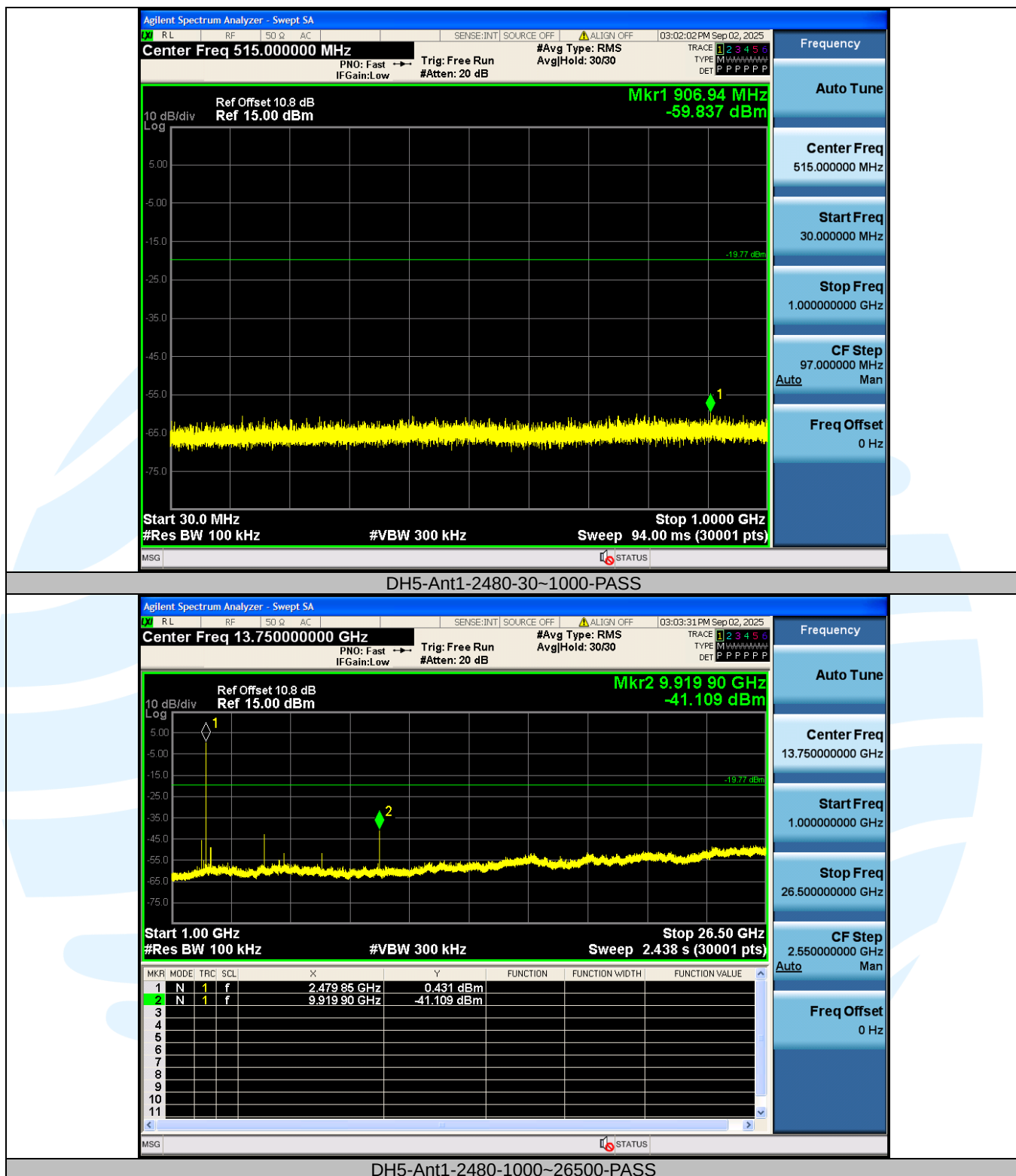
Test Graphs

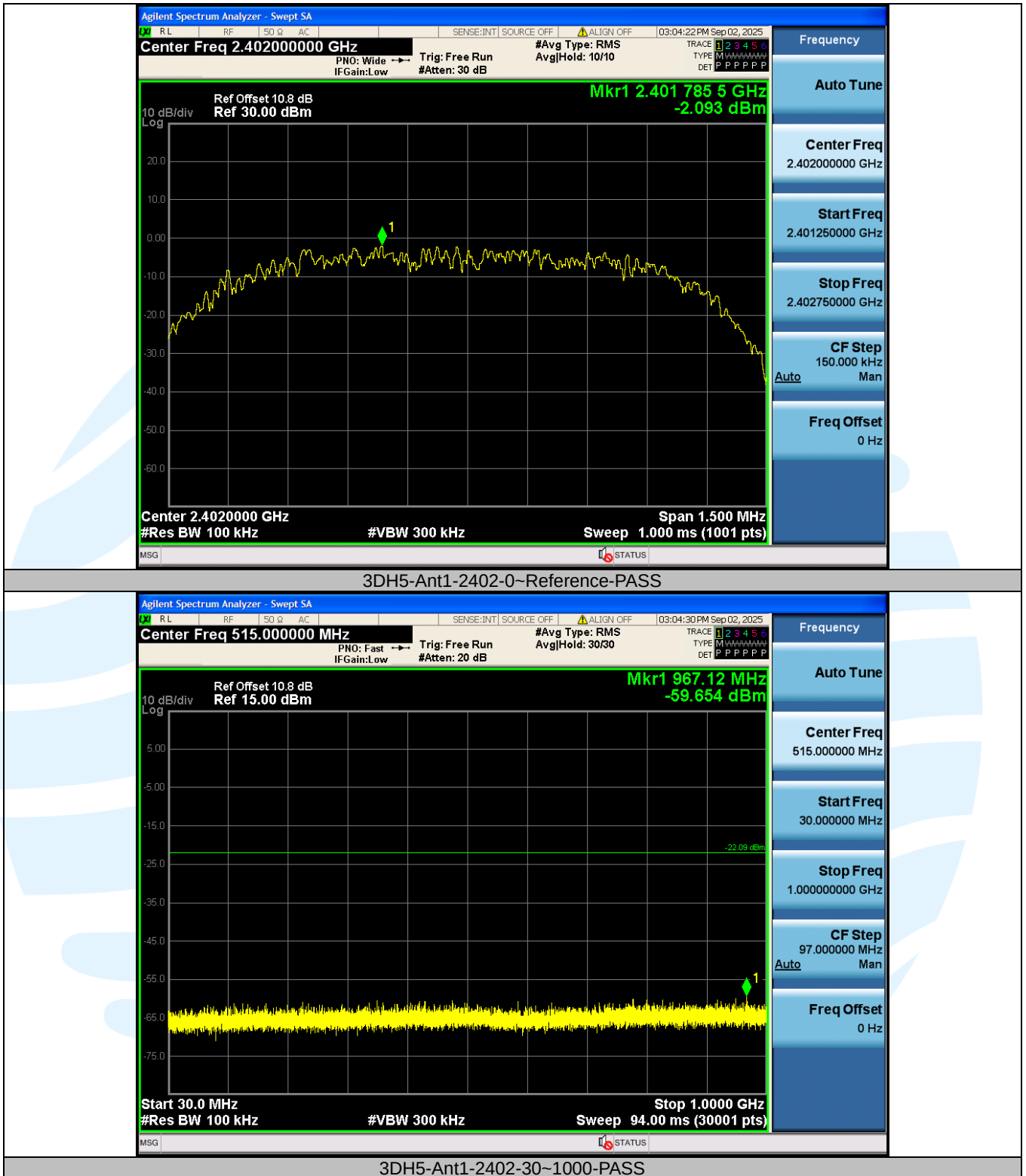


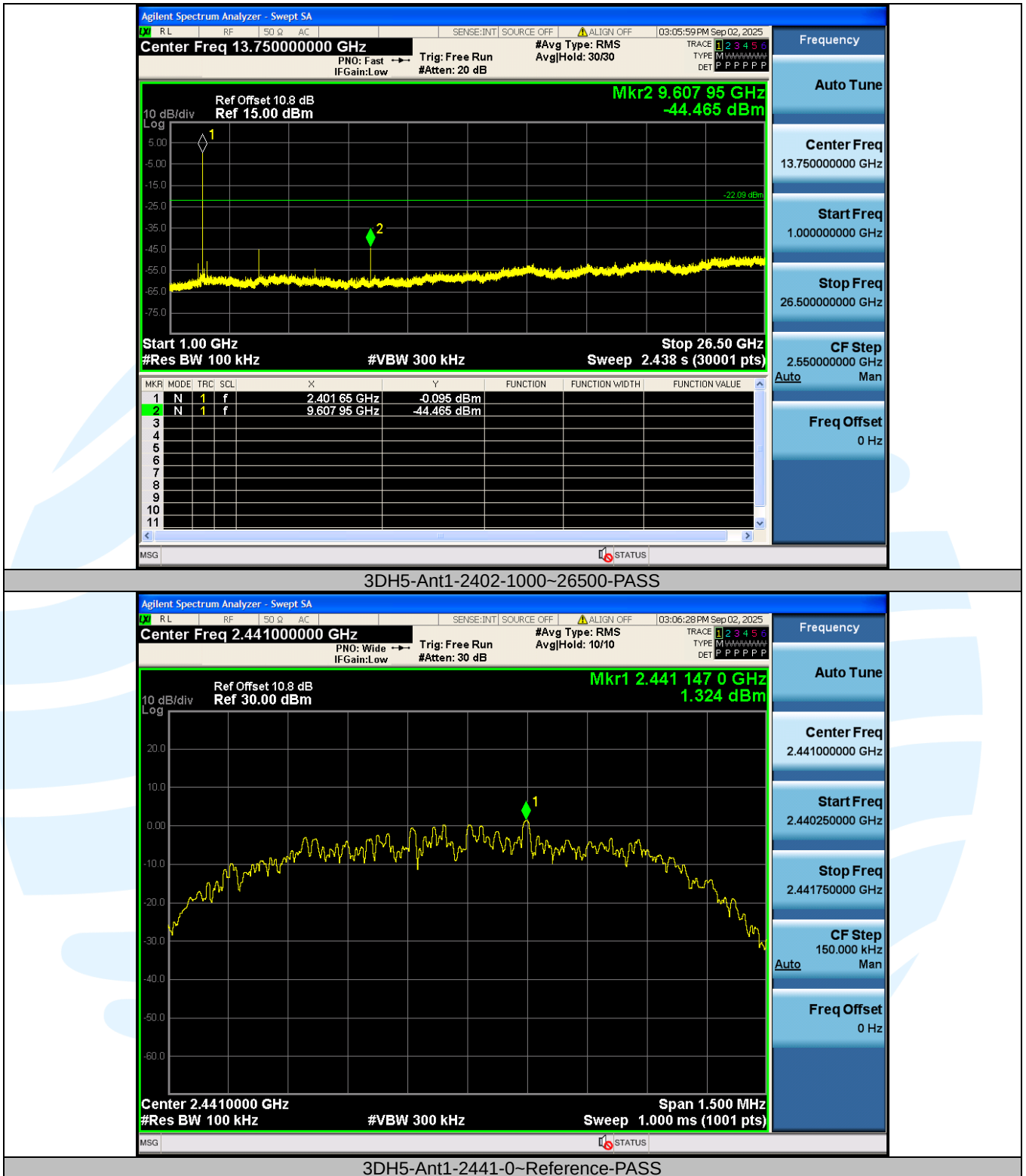


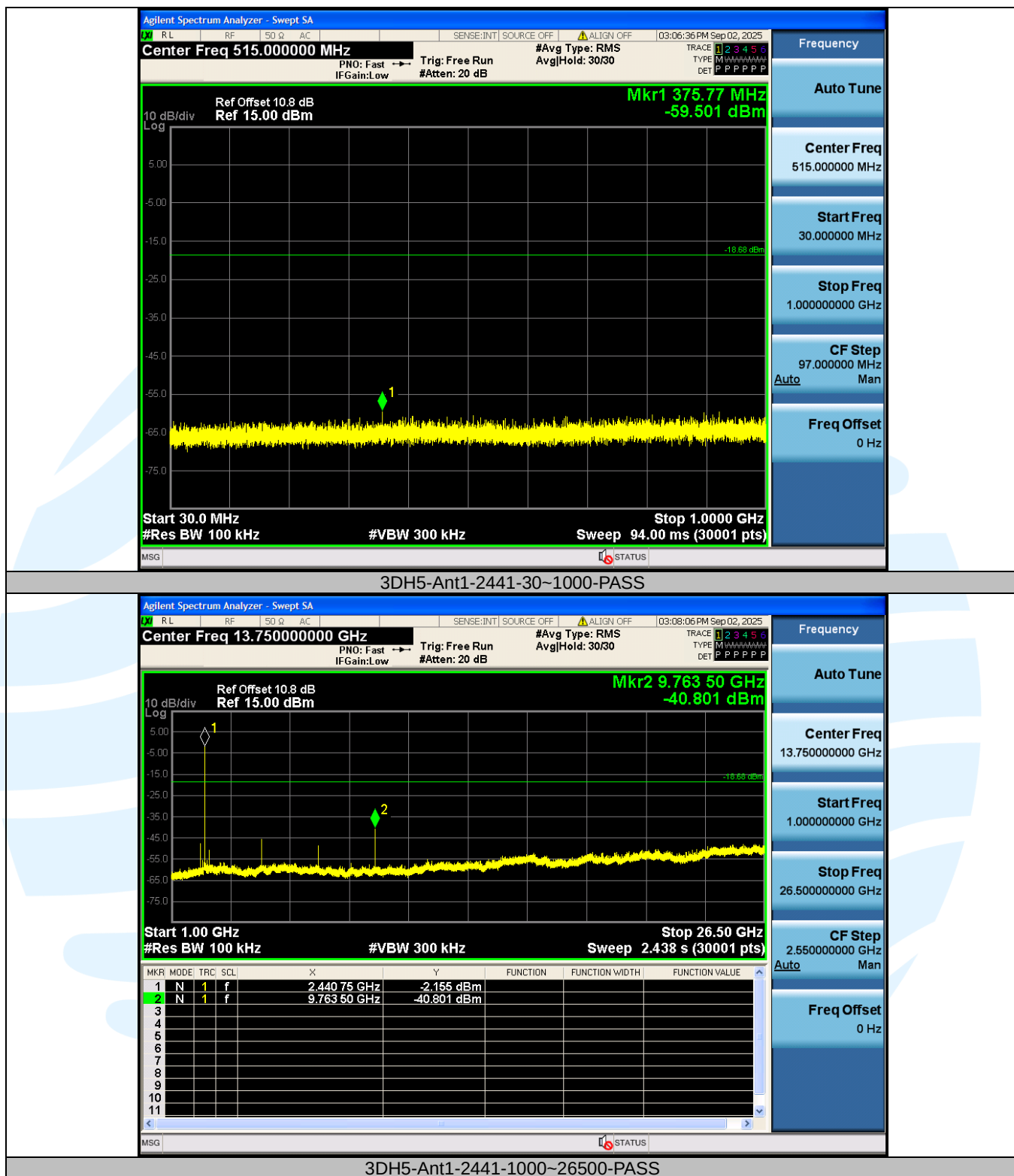


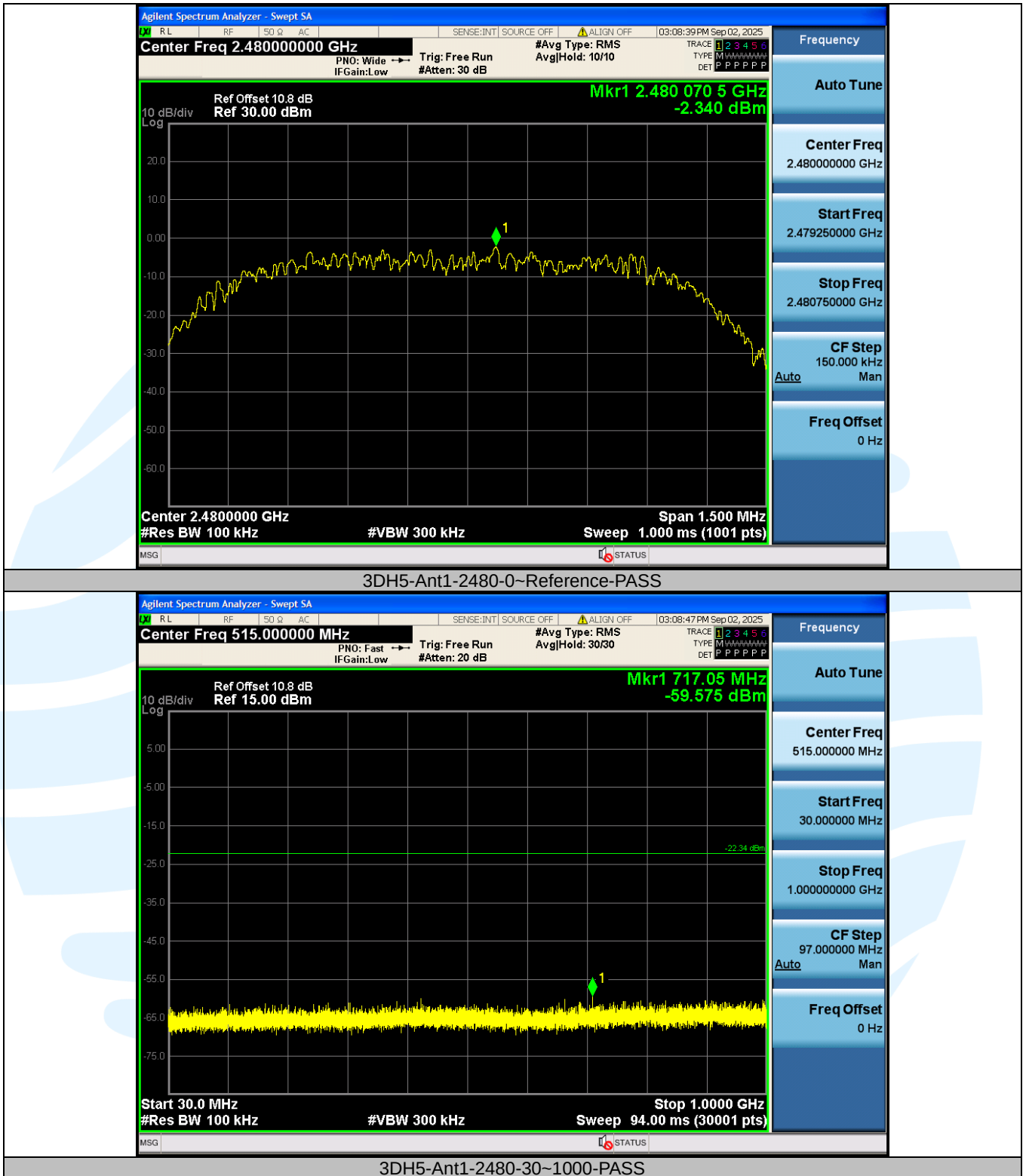


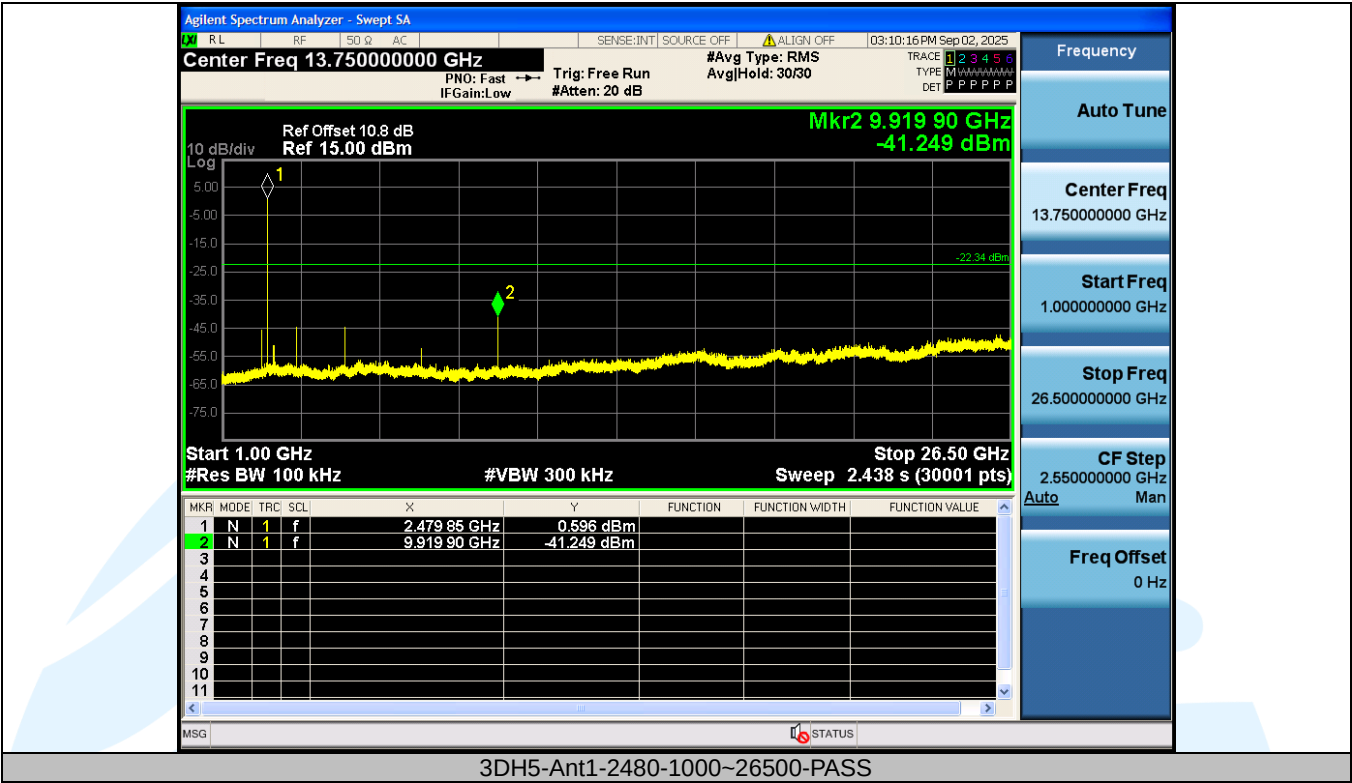












3DH5-Ant1-2480-1000-26500-PASS

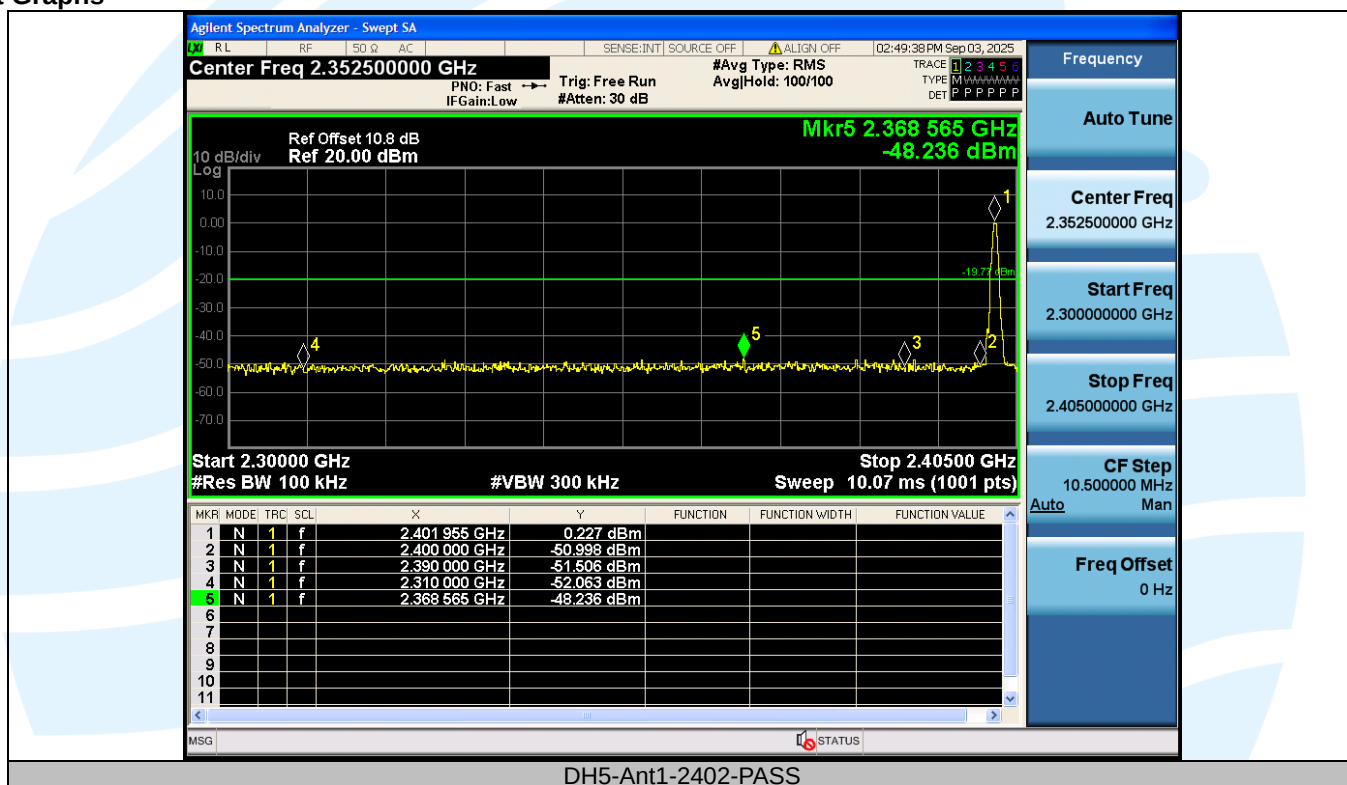
A.6 BAND EDGE MEASUREMENTS

Left earbud

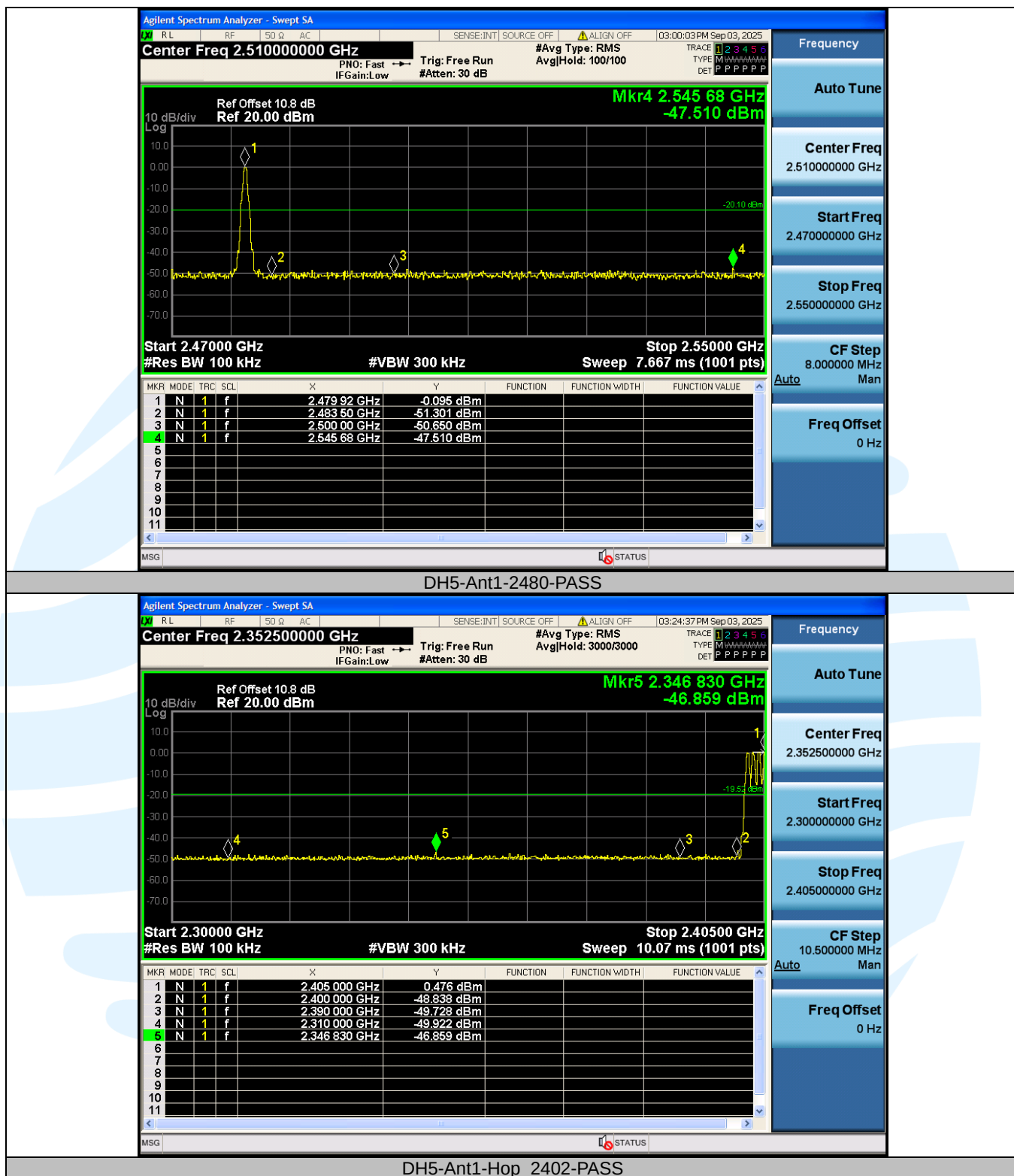
Test Result

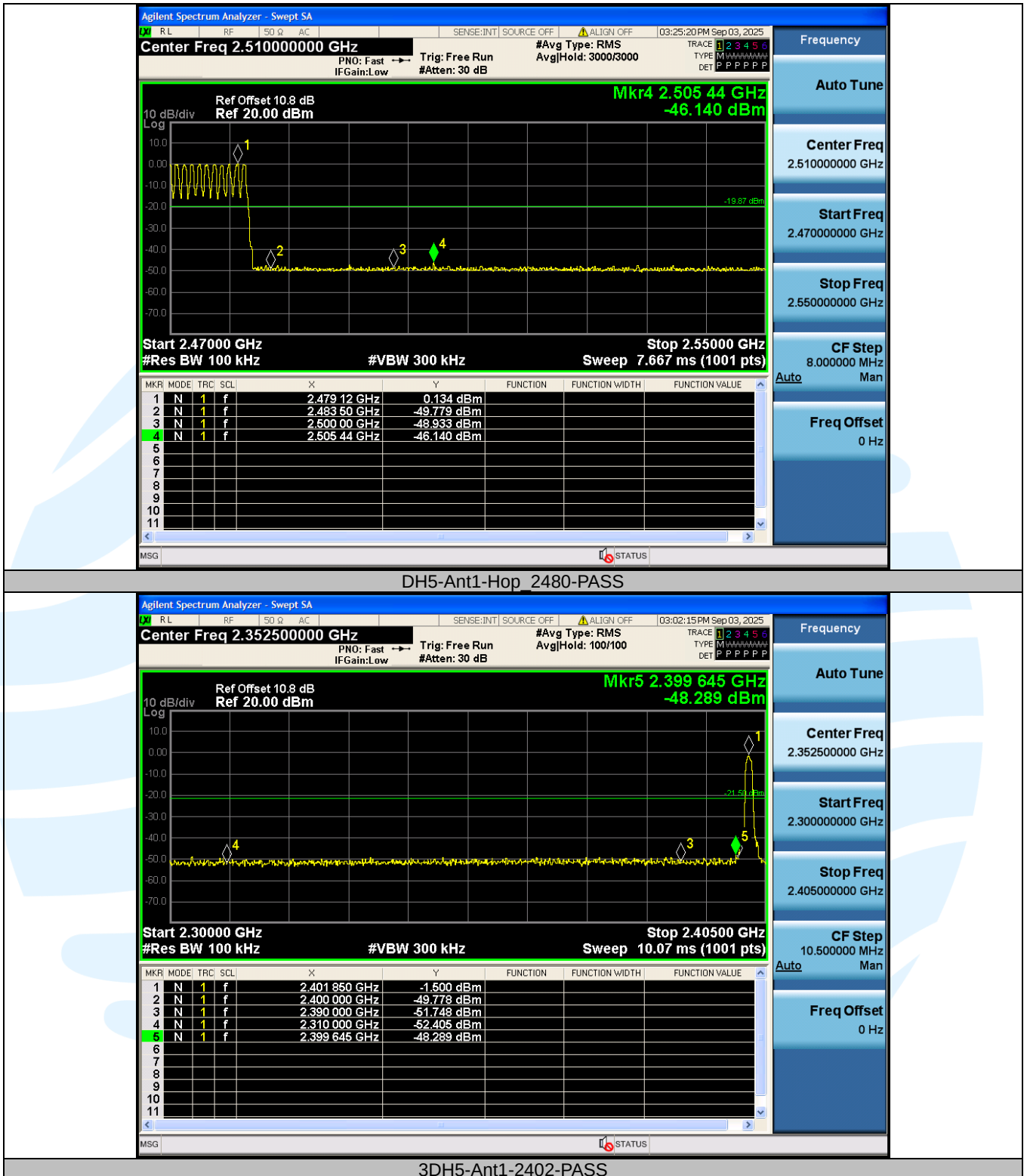
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.23	-48.24	≤-19.77	PASS
DH5	Ant1	High	2480	-0.10	-47.51	≤-20.1	PASS
DH5	Ant1	Low	Hop_2402	0.48	-46.86	≤-19.52	PASS
DH5	Ant1	High	Hop_2480	0.13	-46.14	≤-19.87	PASS
3DH5	Ant1	Low	2402	-1.50	-48.29	≤-21.5	PASS
3DH5	Ant1	High	2480	-0.51	-47.93	≤-20.51	PASS
3DH5	Ant1	Low	Hop_2402	0.54	-47	≤-19.46	PASS
3DH5	Ant1	High	Hop_2480	0.26	-46.61	≤-19.74	PASS

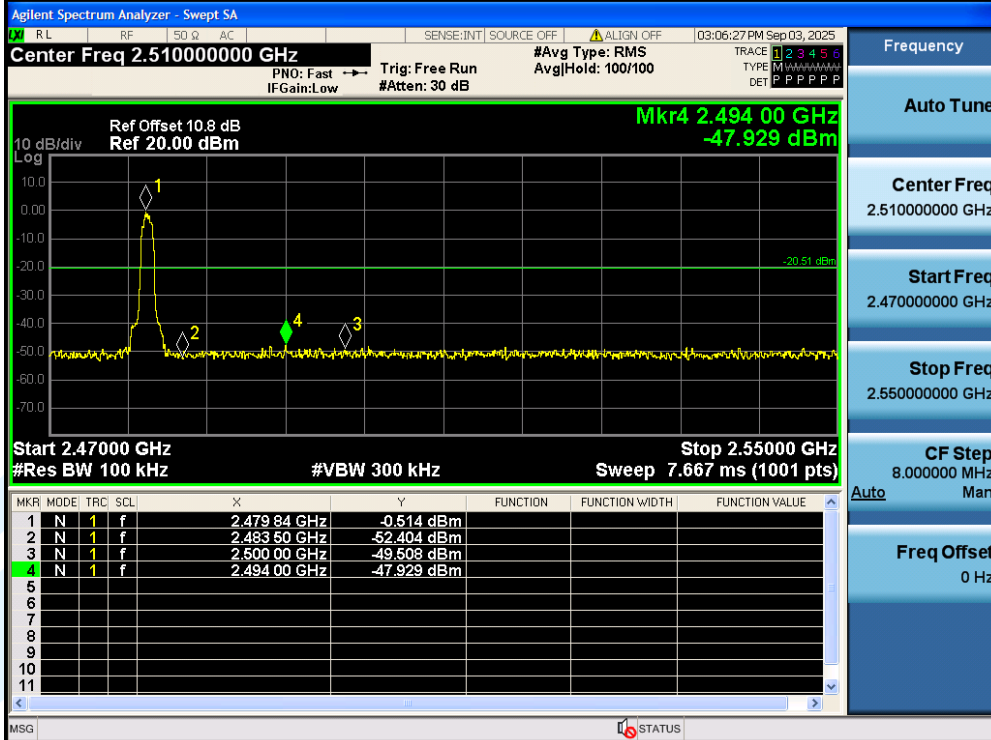
Test Graphs



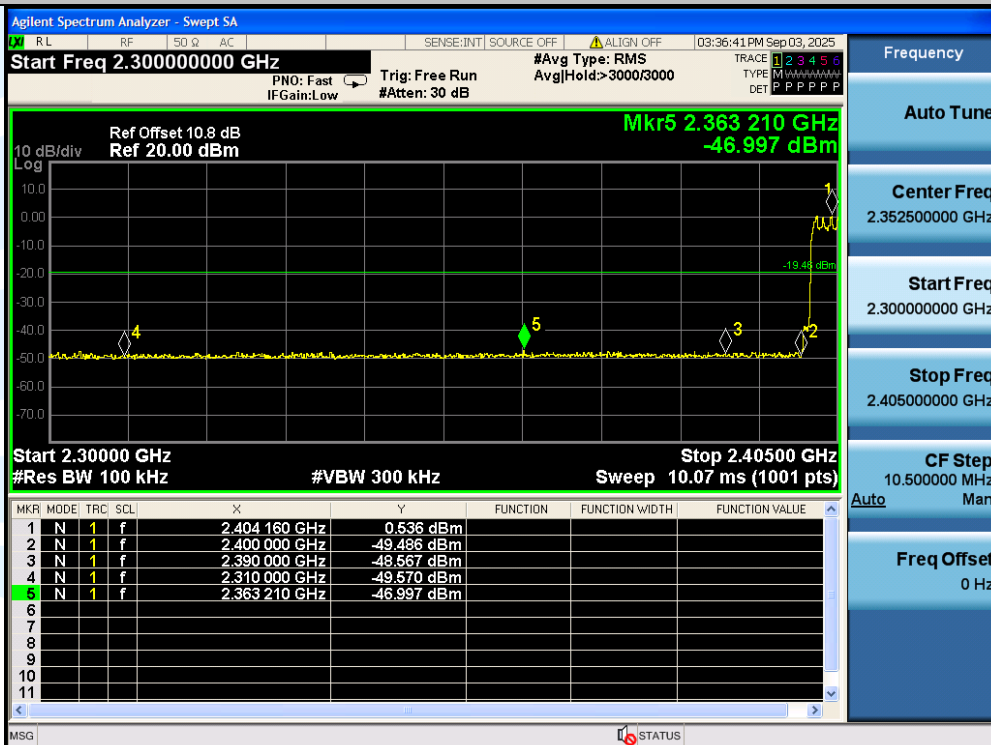
DH5-Ant1-2402-PASS



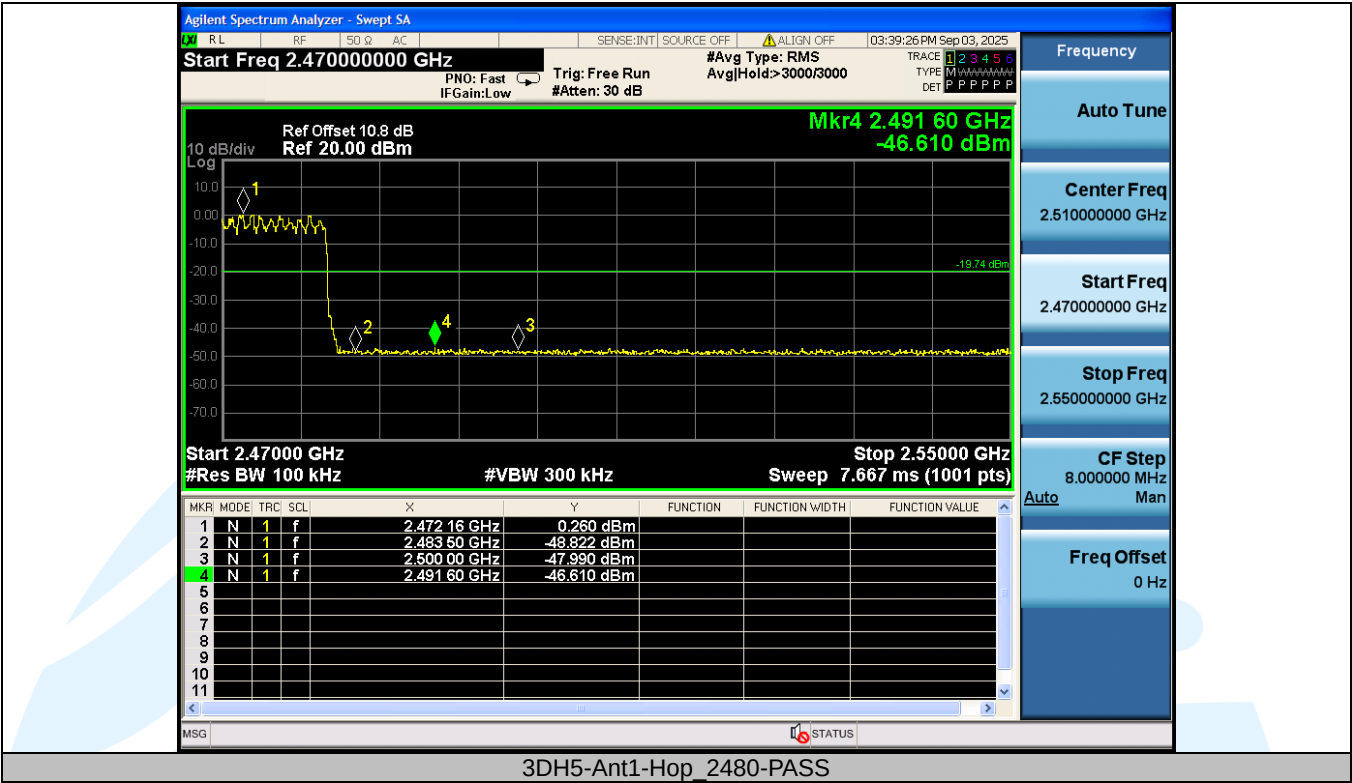




3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

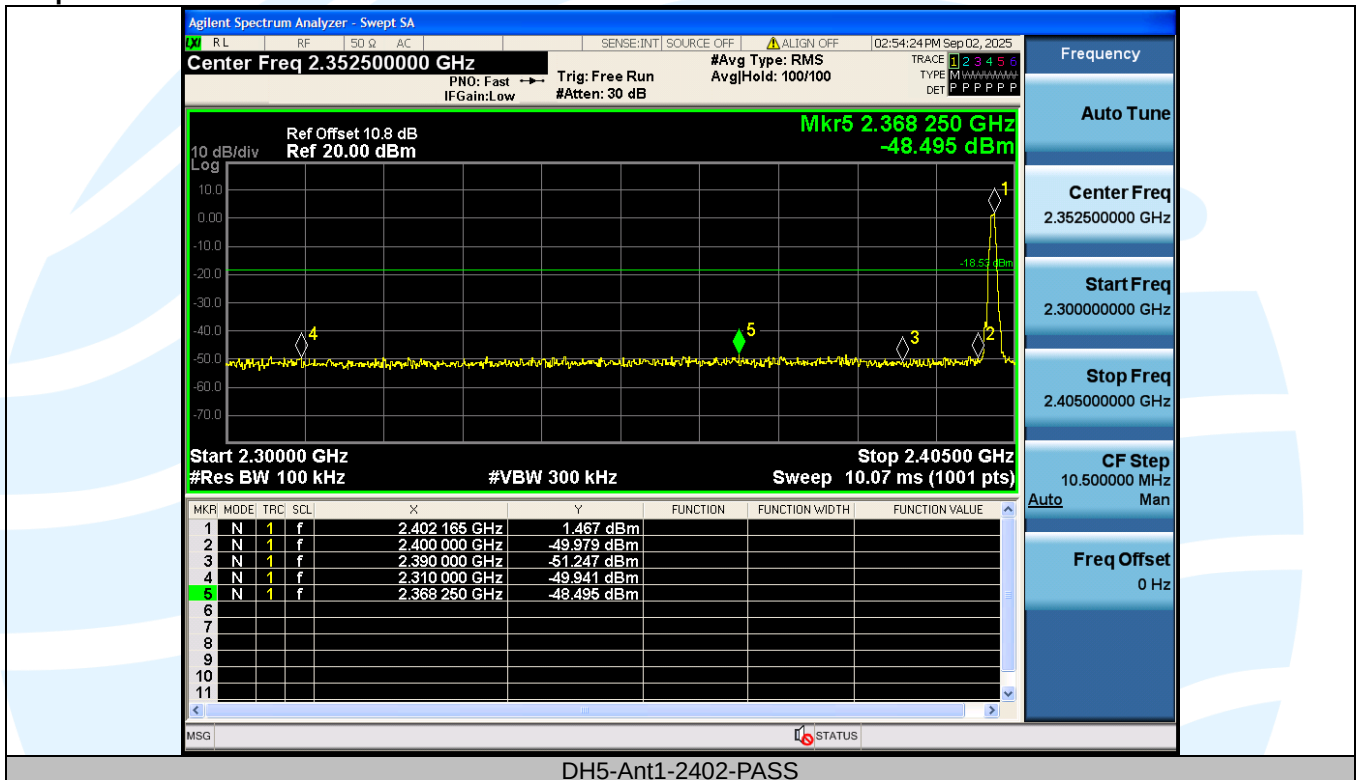


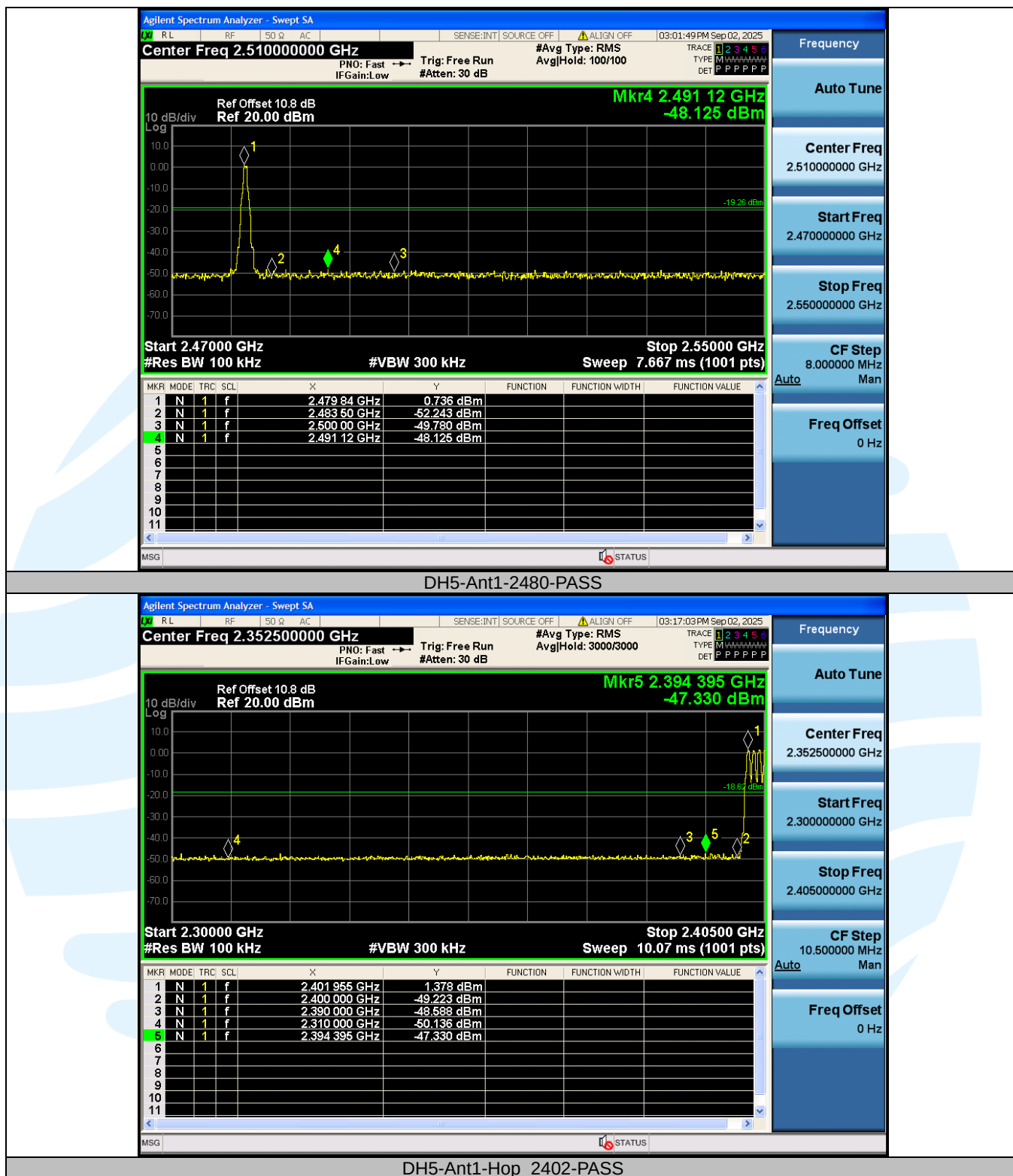
Right earbud

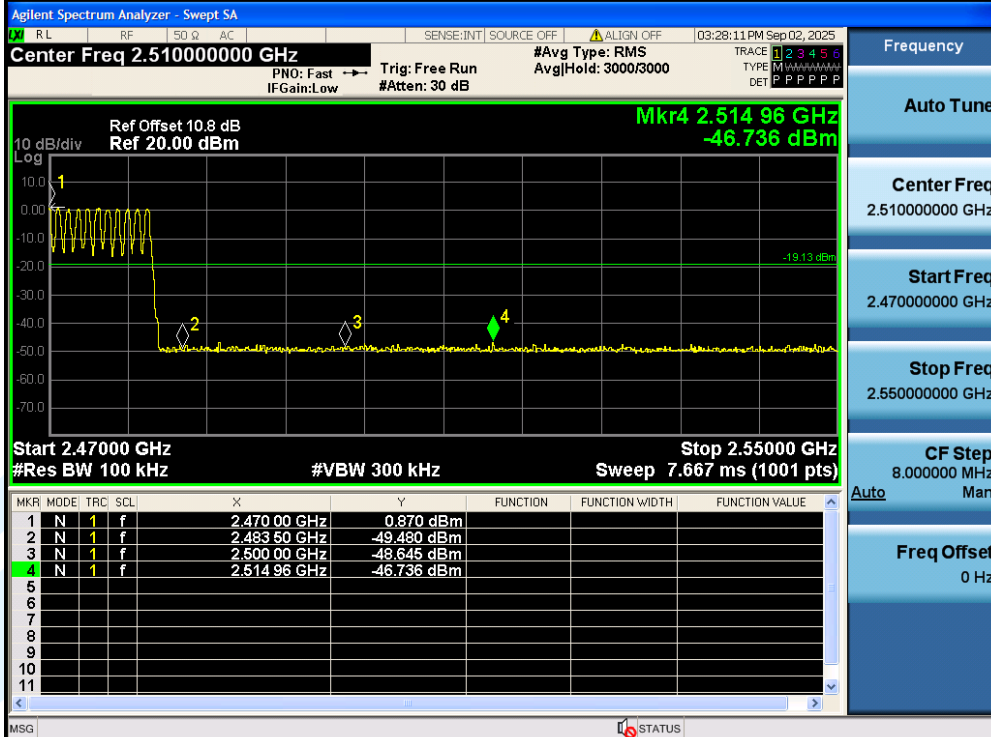
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.47	-48.5	≤-18.53	PASS
DH5	Ant1	High	2480	0.74	-48.13	≤-19.26	PASS
DH5	Ant1	Low	Hop_2402	1.38	-47.33	≤-18.62	PASS
DH5	Ant1	High	Hop_2480	0.87	-46.74	≤-19.13	PASS
3DH5	Ant1	Low	2402	1.47	-47.58	≤-18.53	PASS
3DH5	Ant1	High	2480	0.39	-47.91	≤-19.62	PASS
3DH5	Ant1	Low	Hop_2402	1.49	-46.81	≤-18.51	PASS
3DH5	Ant1	High	Hop_2480	0.52	-36.66	≤-19.48	PASS

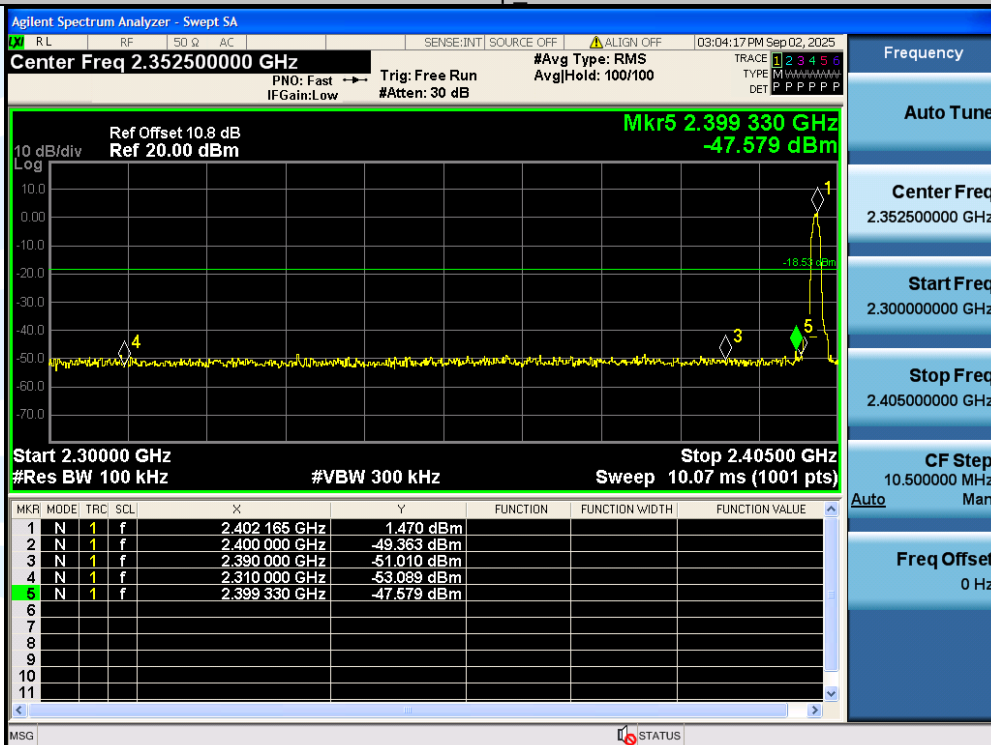
Test Graphs



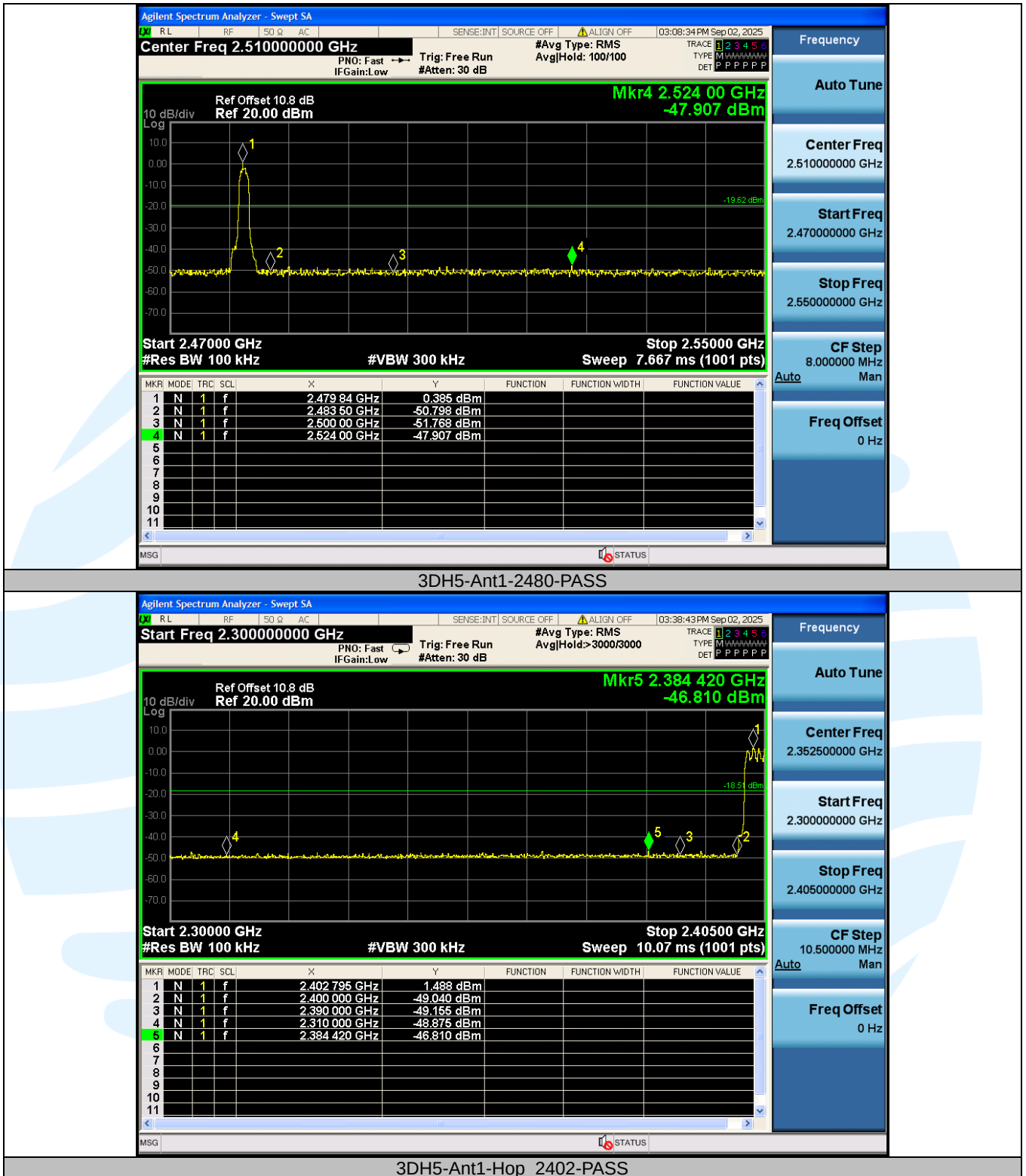


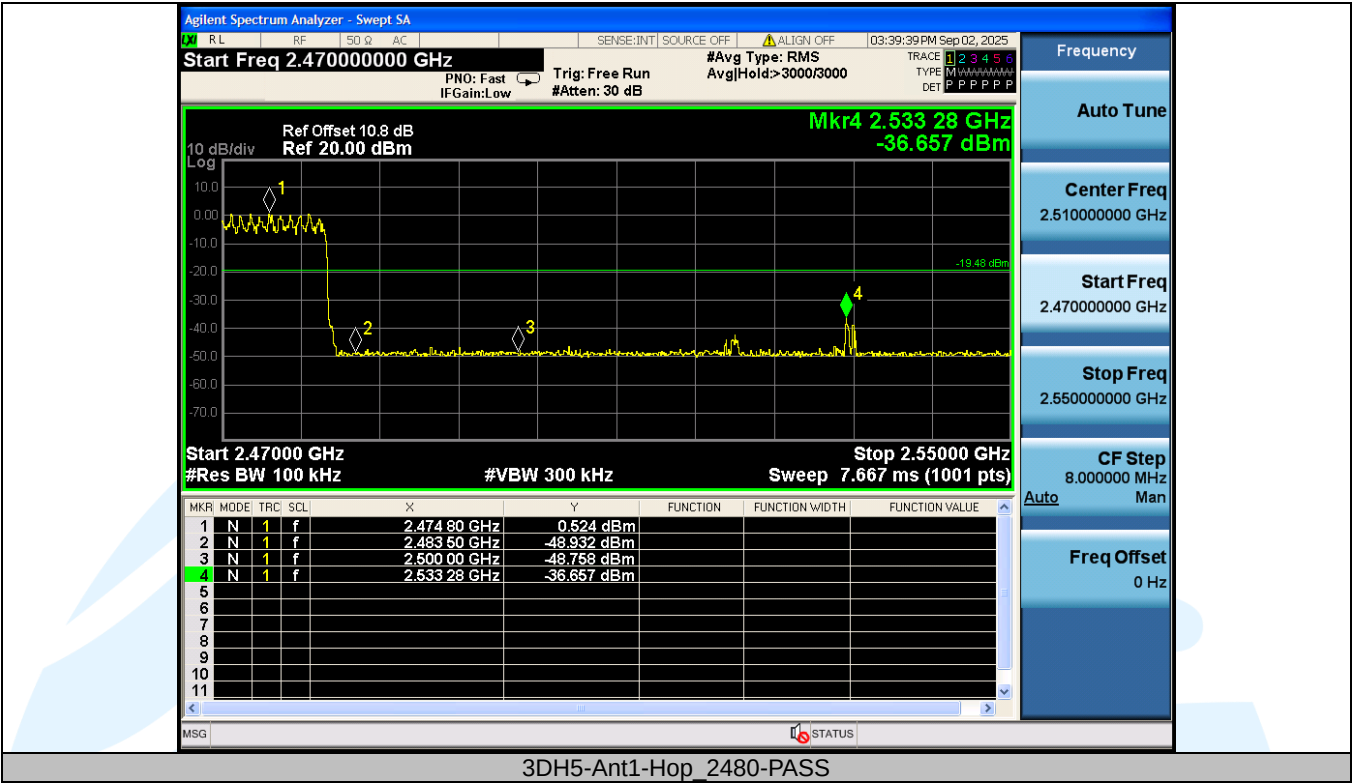


DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS





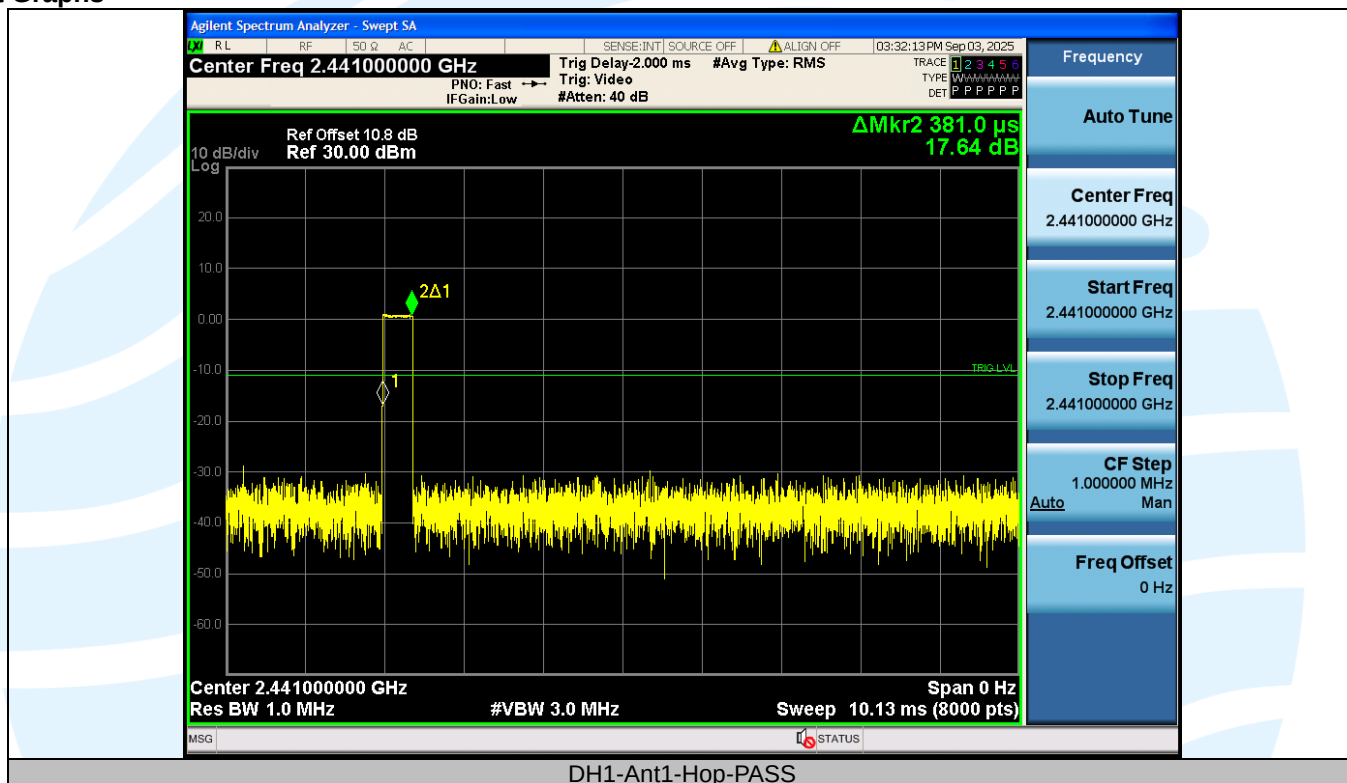
A.7 DWELL TIME

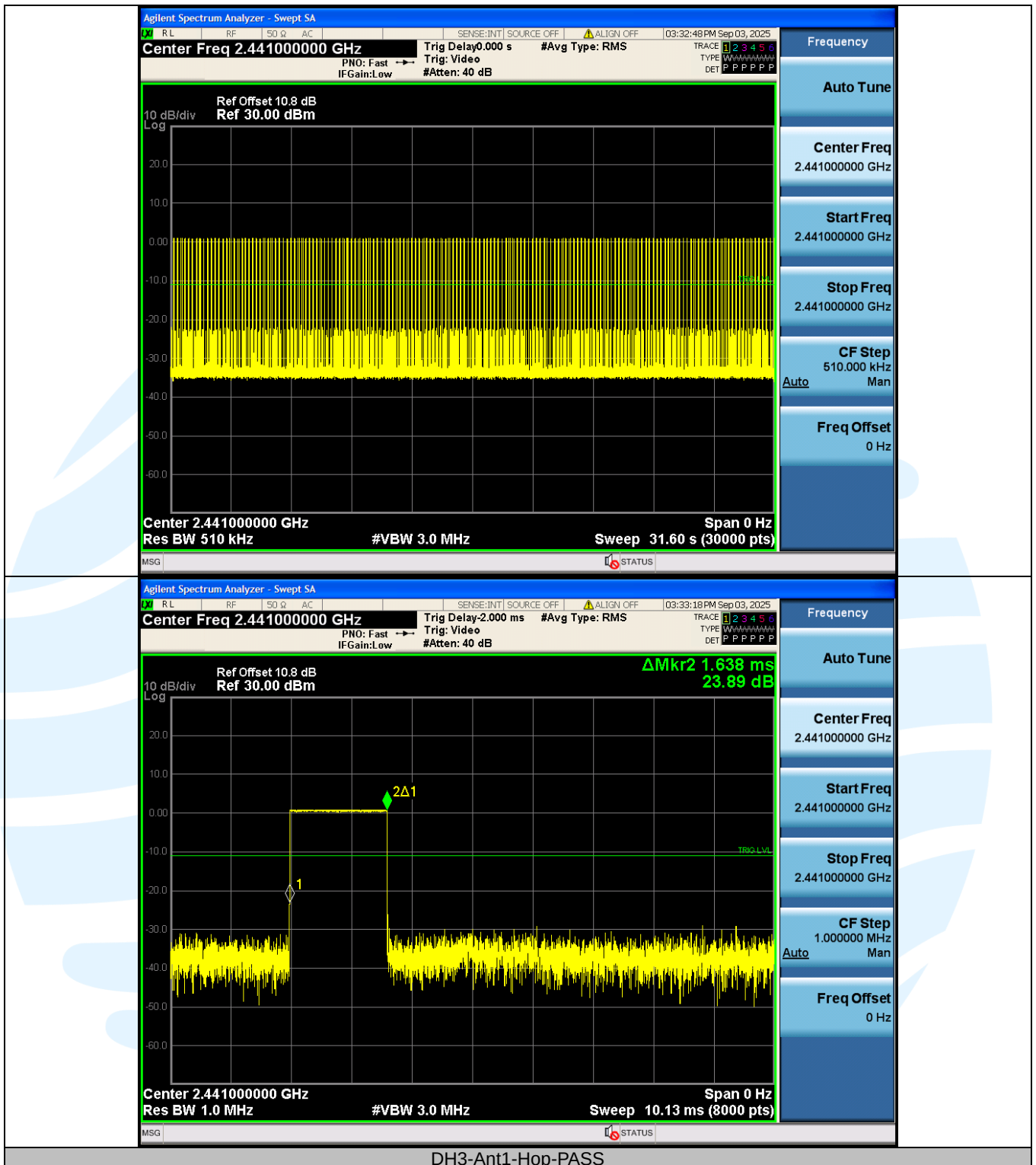
Left earbud

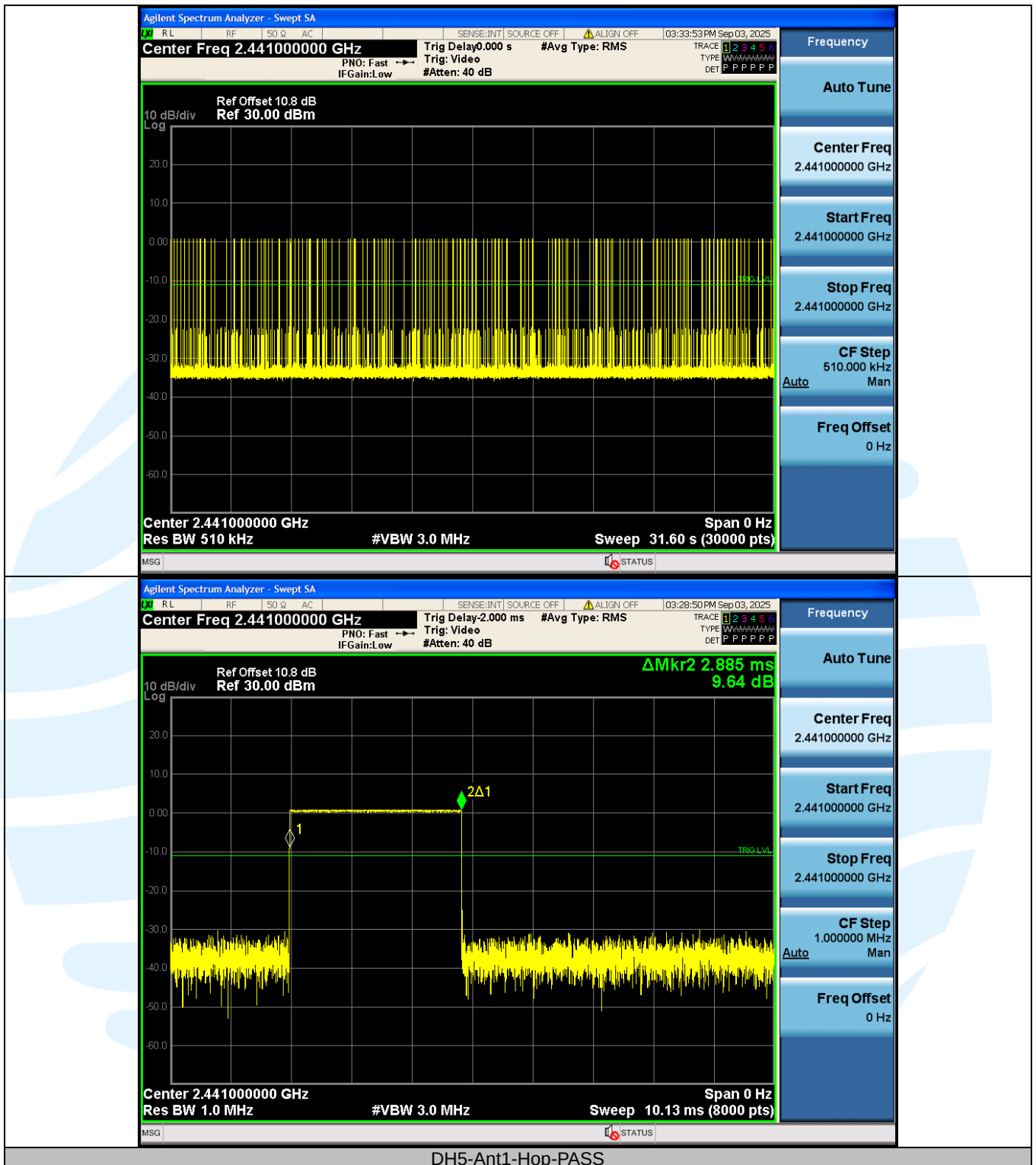
Test Result

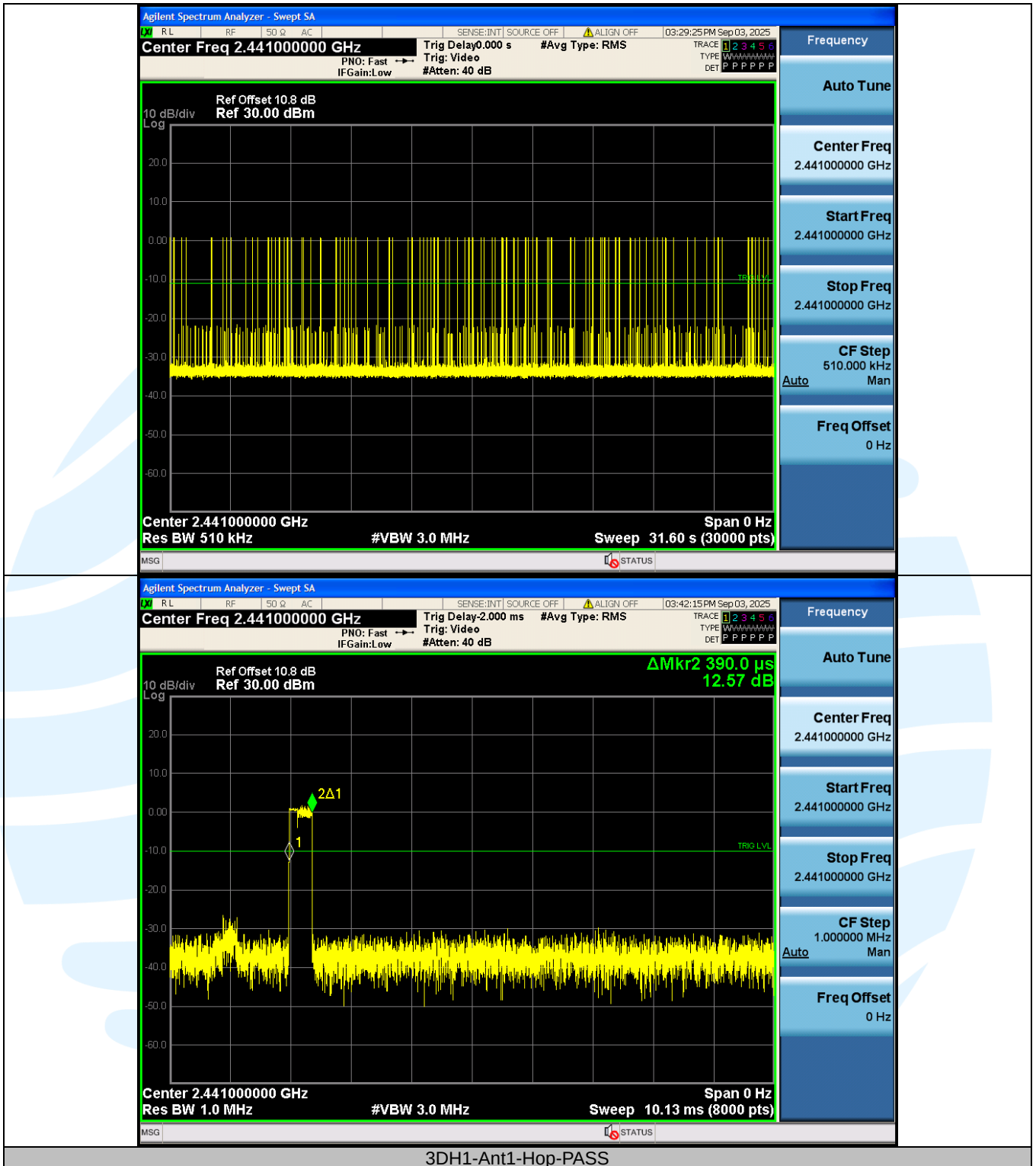
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	318	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.638	166	0.272	≤0.4	PASS
DH5	Ant1	Hop	2.885	115	0.332	≤0.4	PASS
3DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.642	163	0.268	≤0.4	PASS
3DH5	Ant1	Hop	2.892	98	0.283	≤0.4	PASS

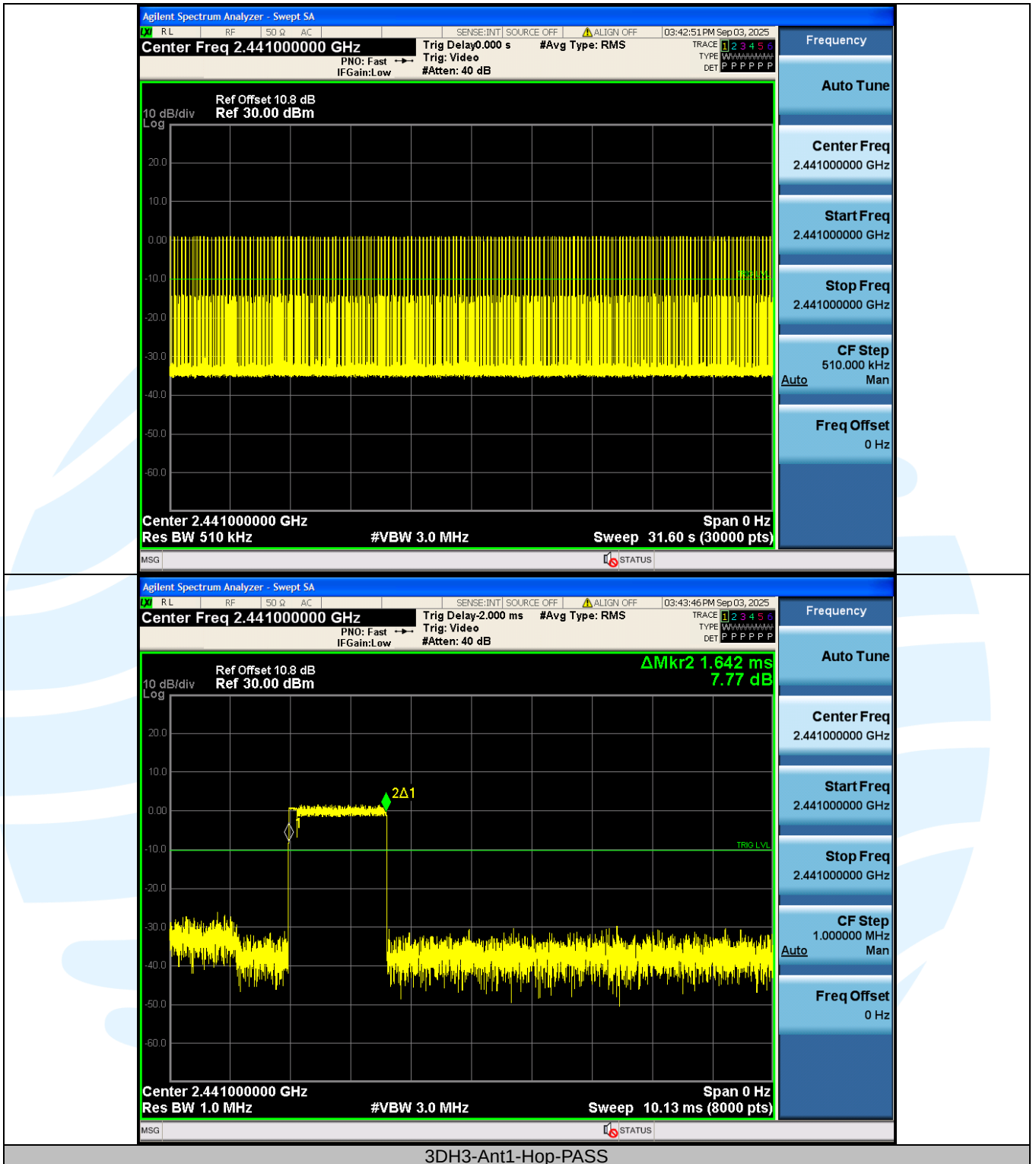
Test Graphs

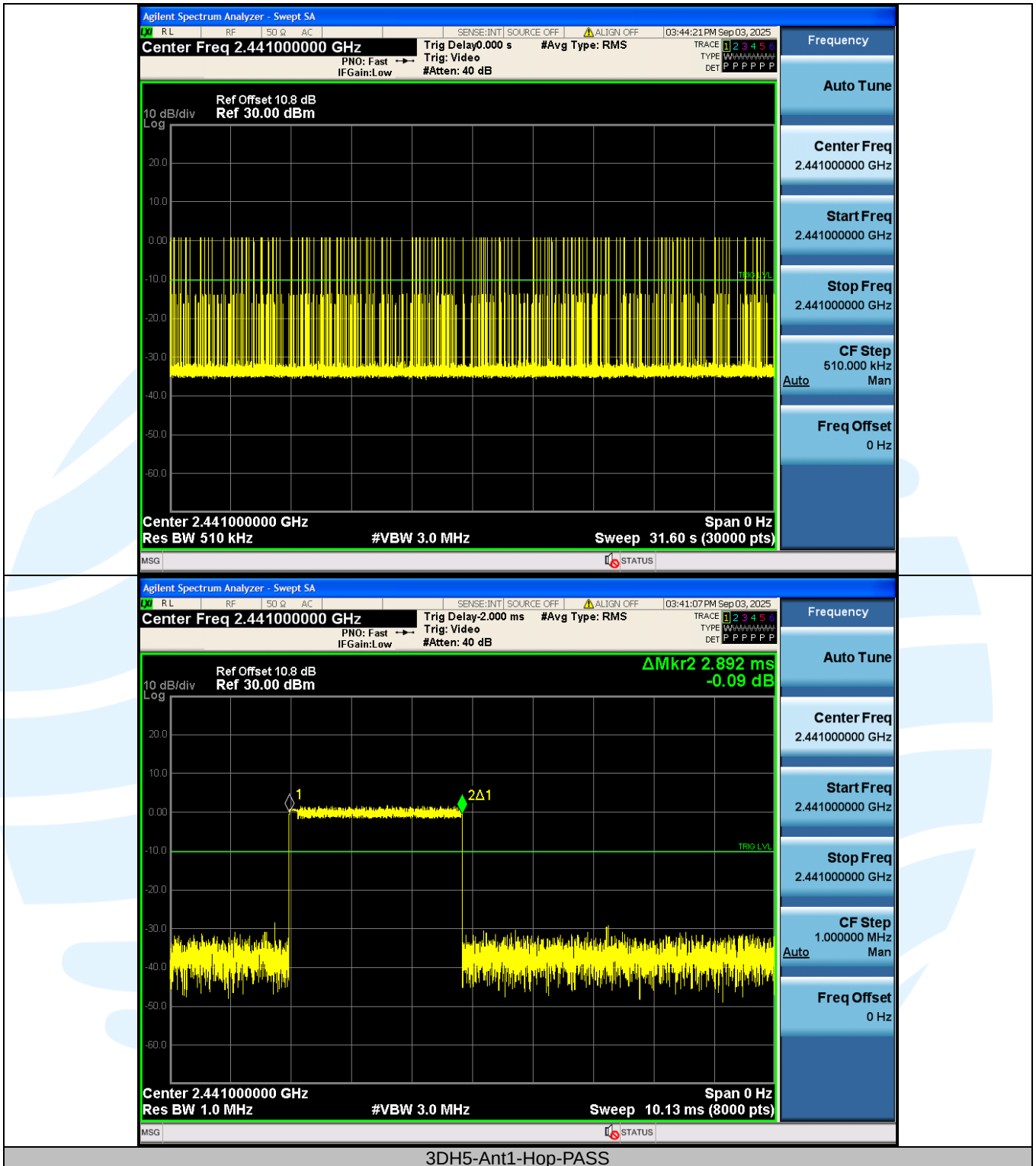


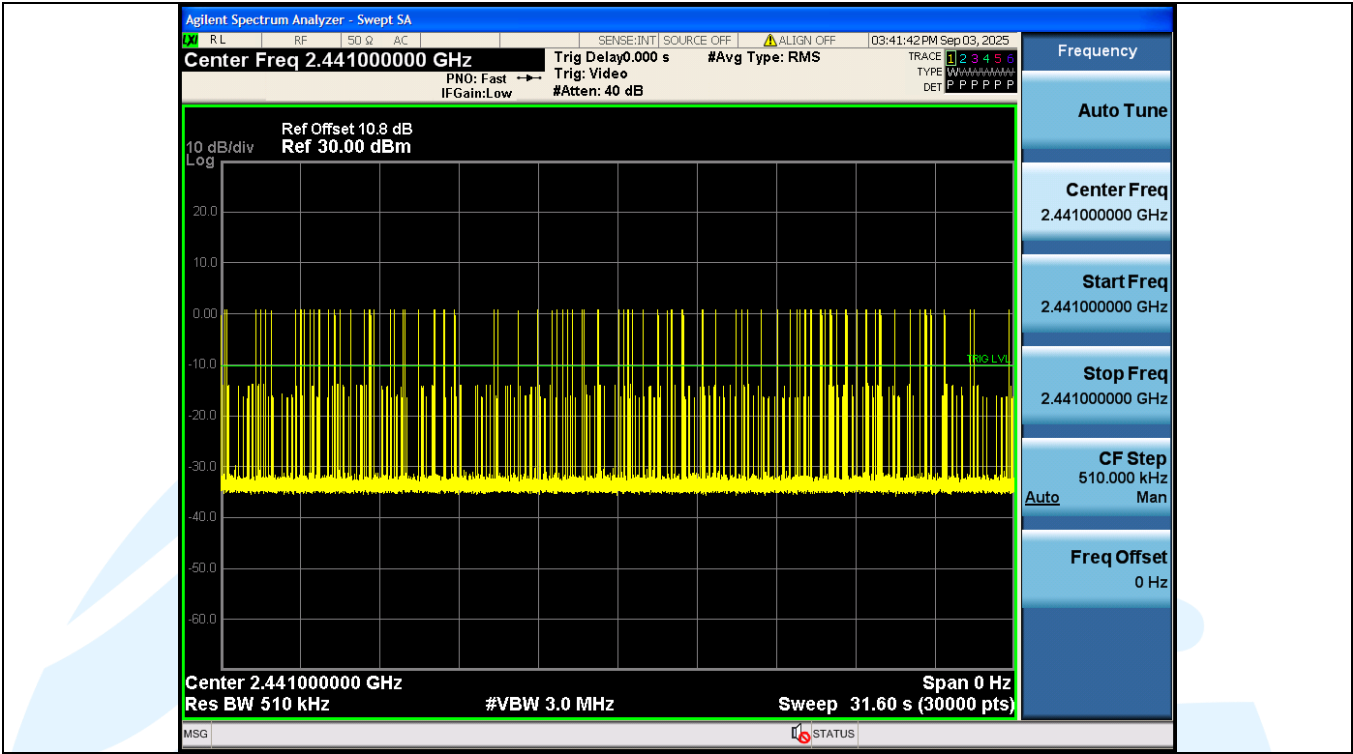










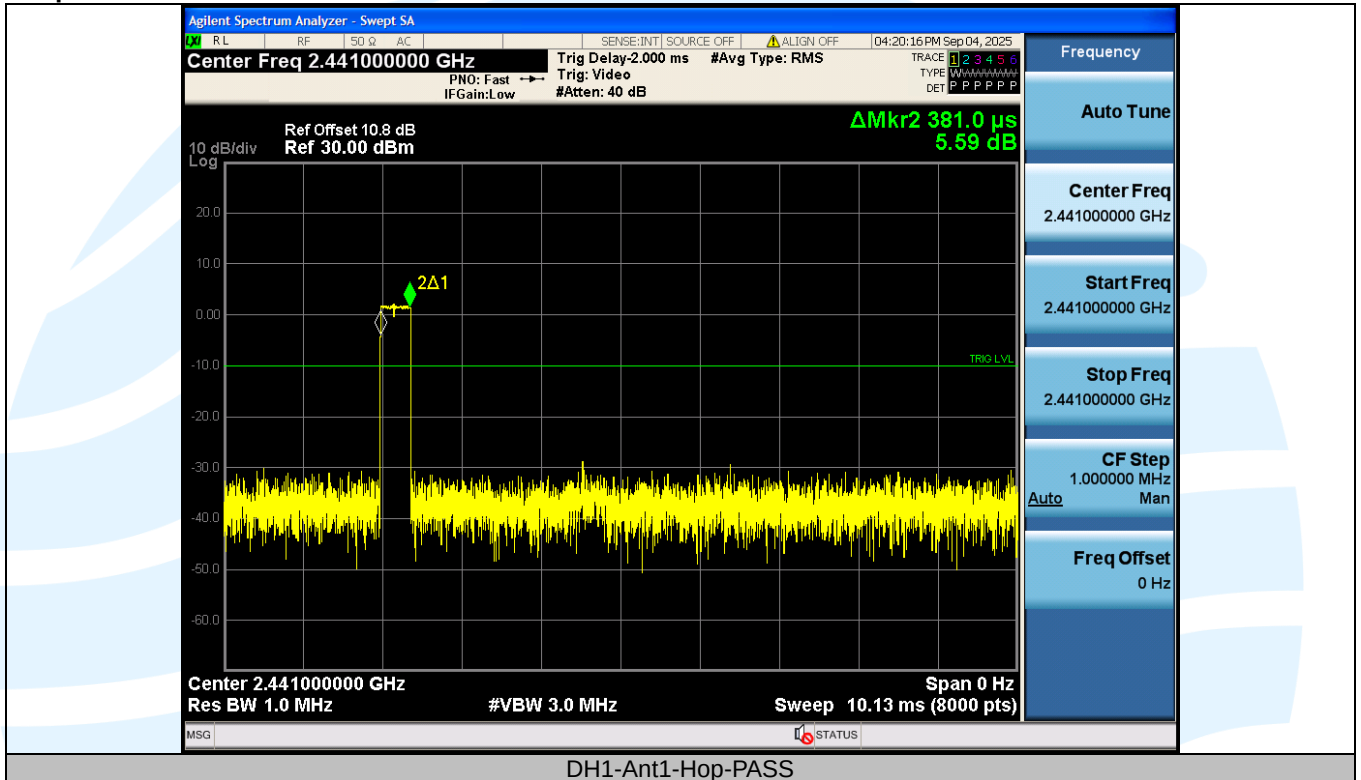


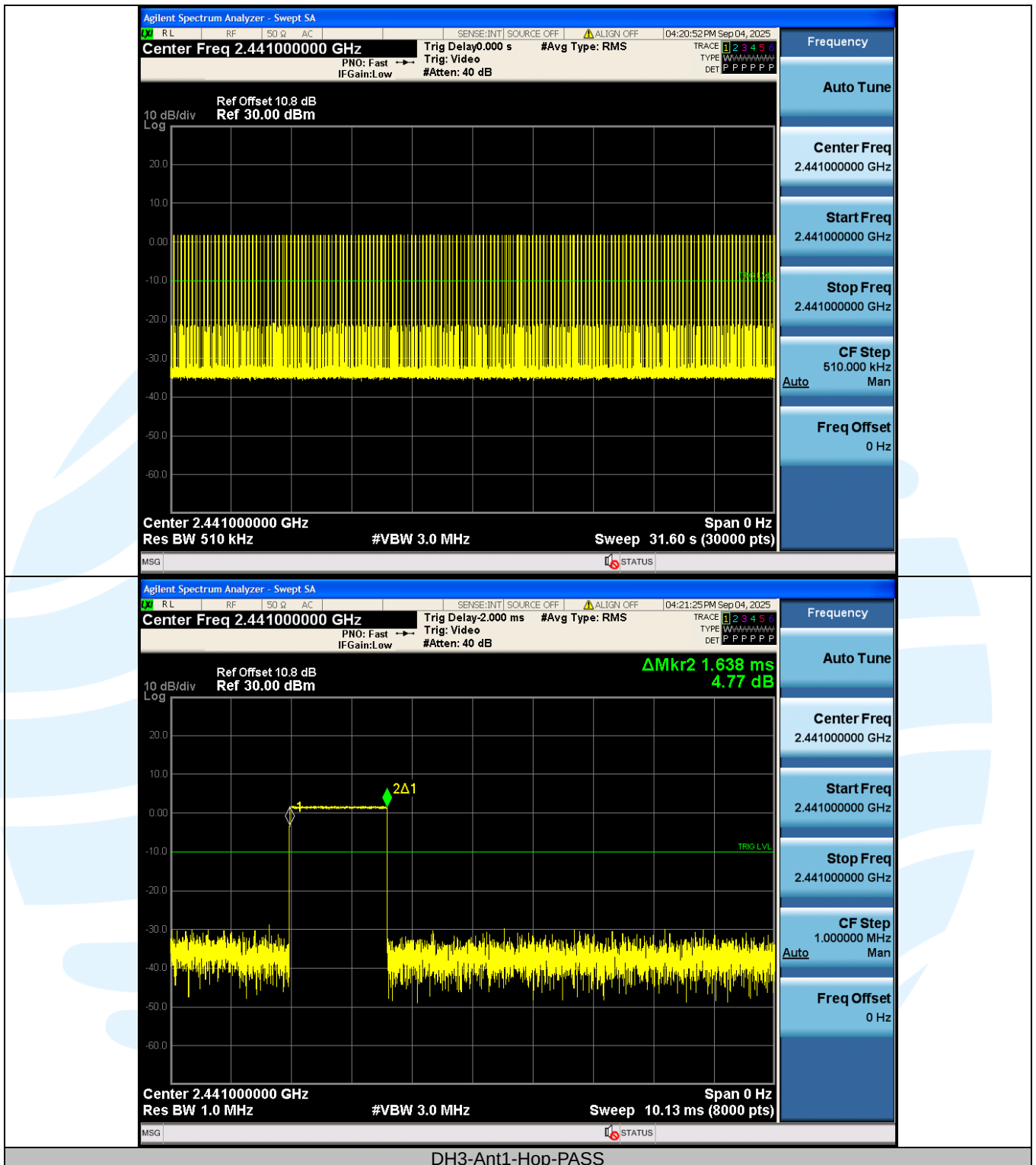
Right earbud

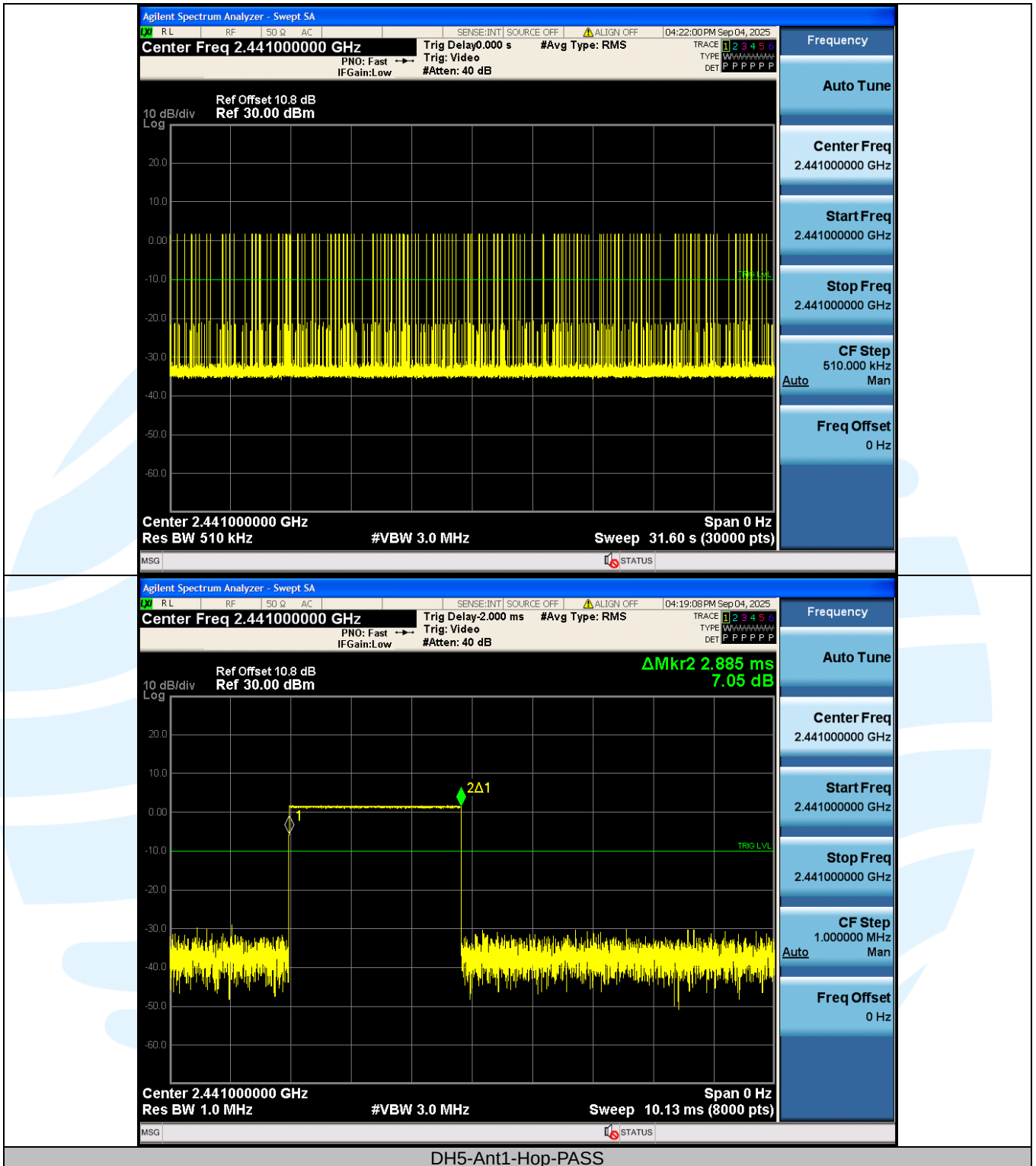
Test Result

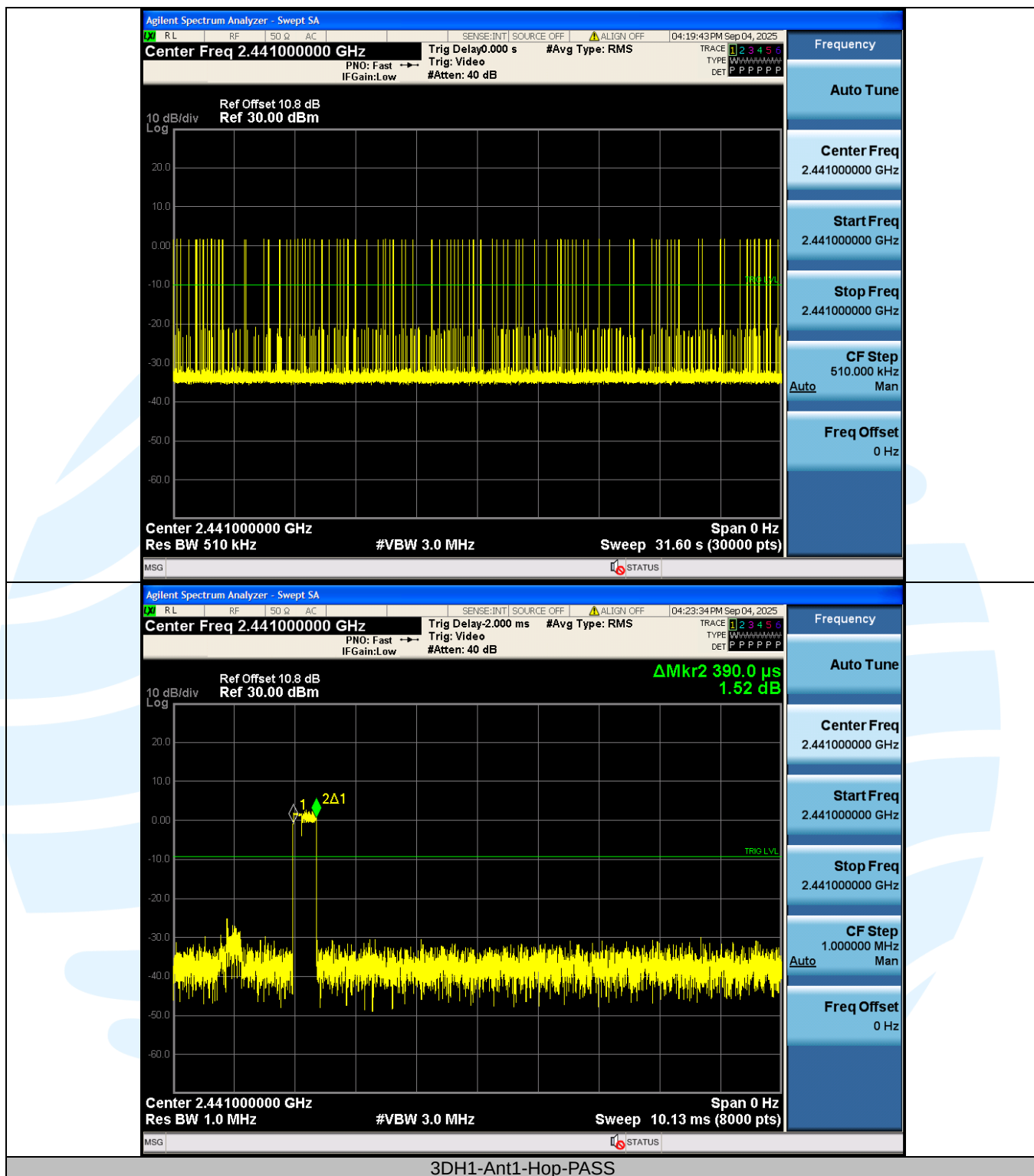
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total IHops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	164	0.269	≤0.4	PASS
DH5	Ant1	Hop	2.885	107	0.309	≤0.4	PASS
3DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.642	170	0.279	≤0.4	PASS
3DH5	Ant1	Hop	2.892	112	0.324	≤0.4	PASS

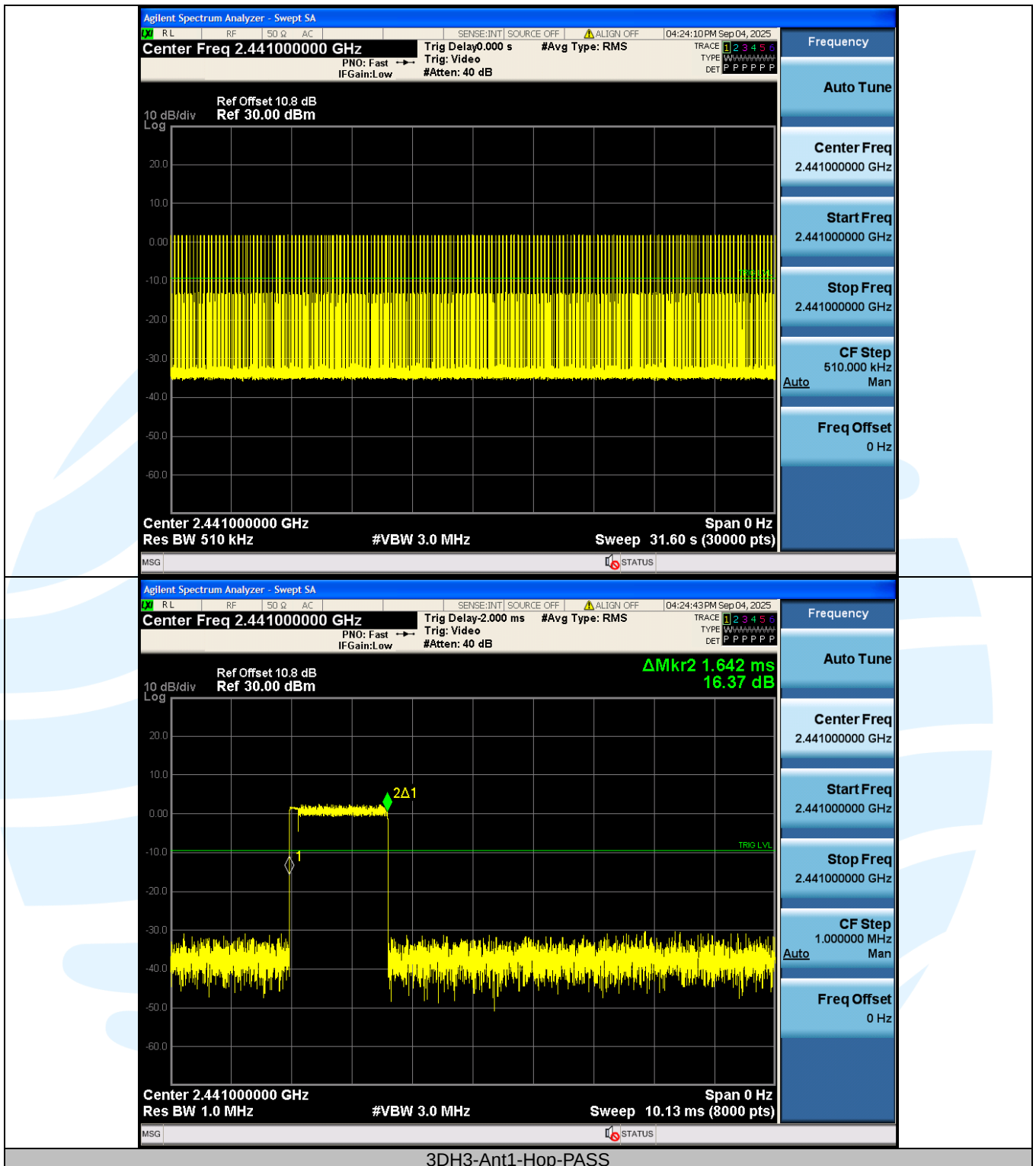
Test Graphs



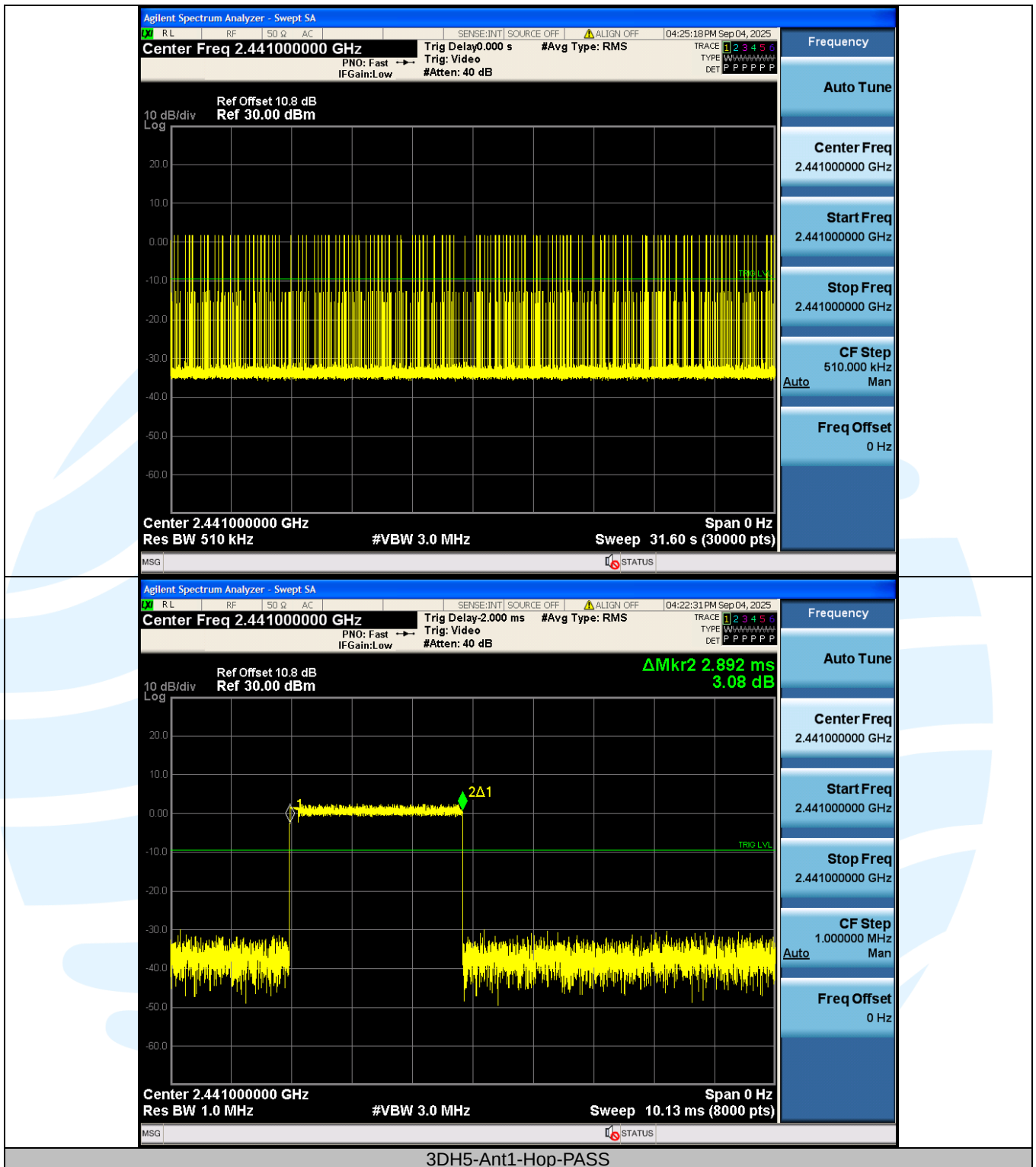


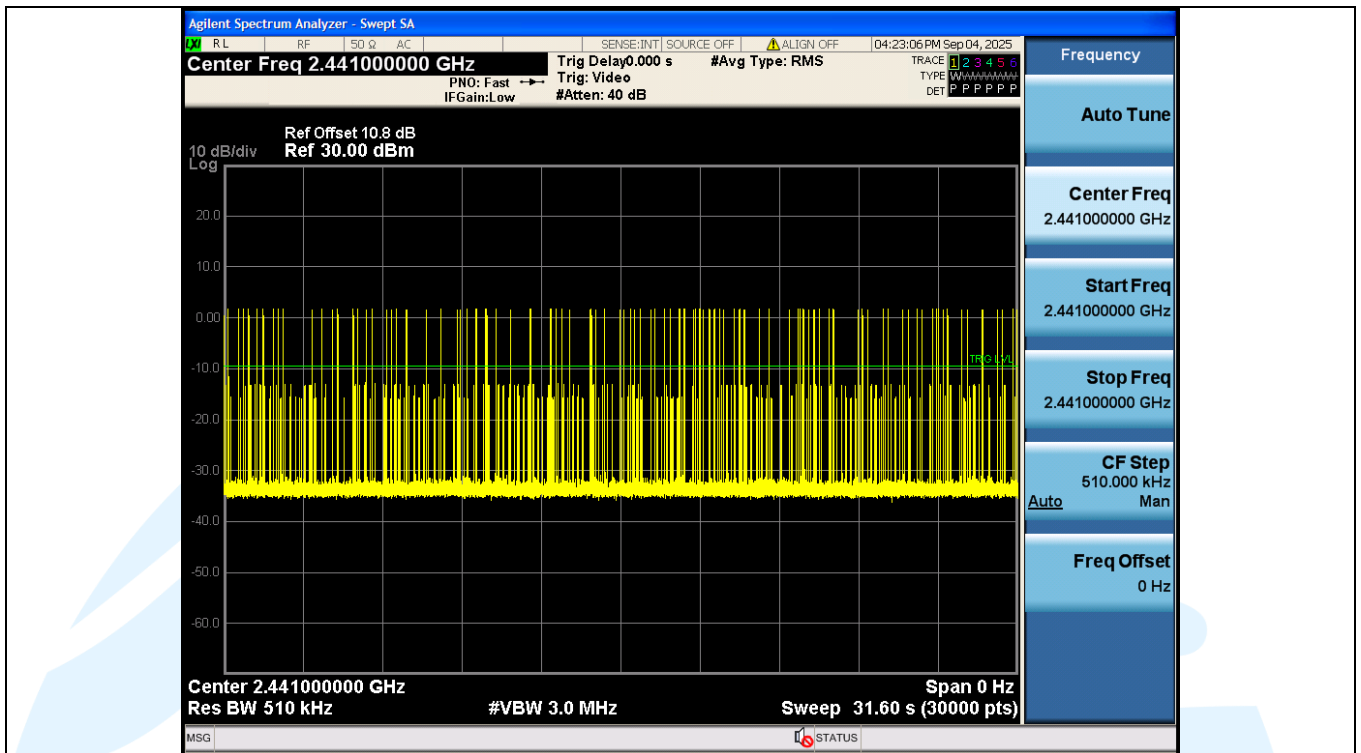






3DH3-Ant1-Hop-PASS





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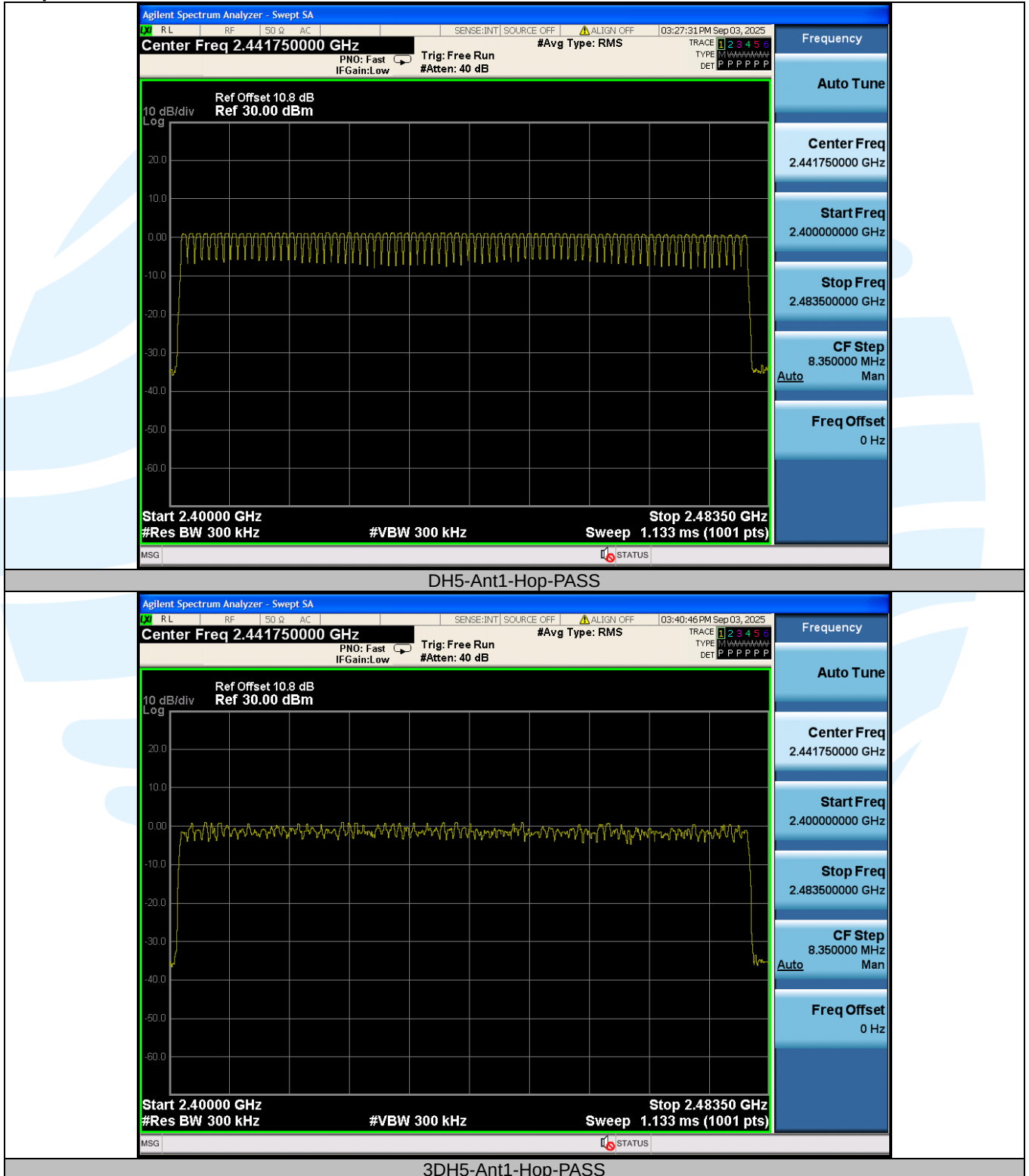
A.8 NUMBER OF HOPPING CHANNEL

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

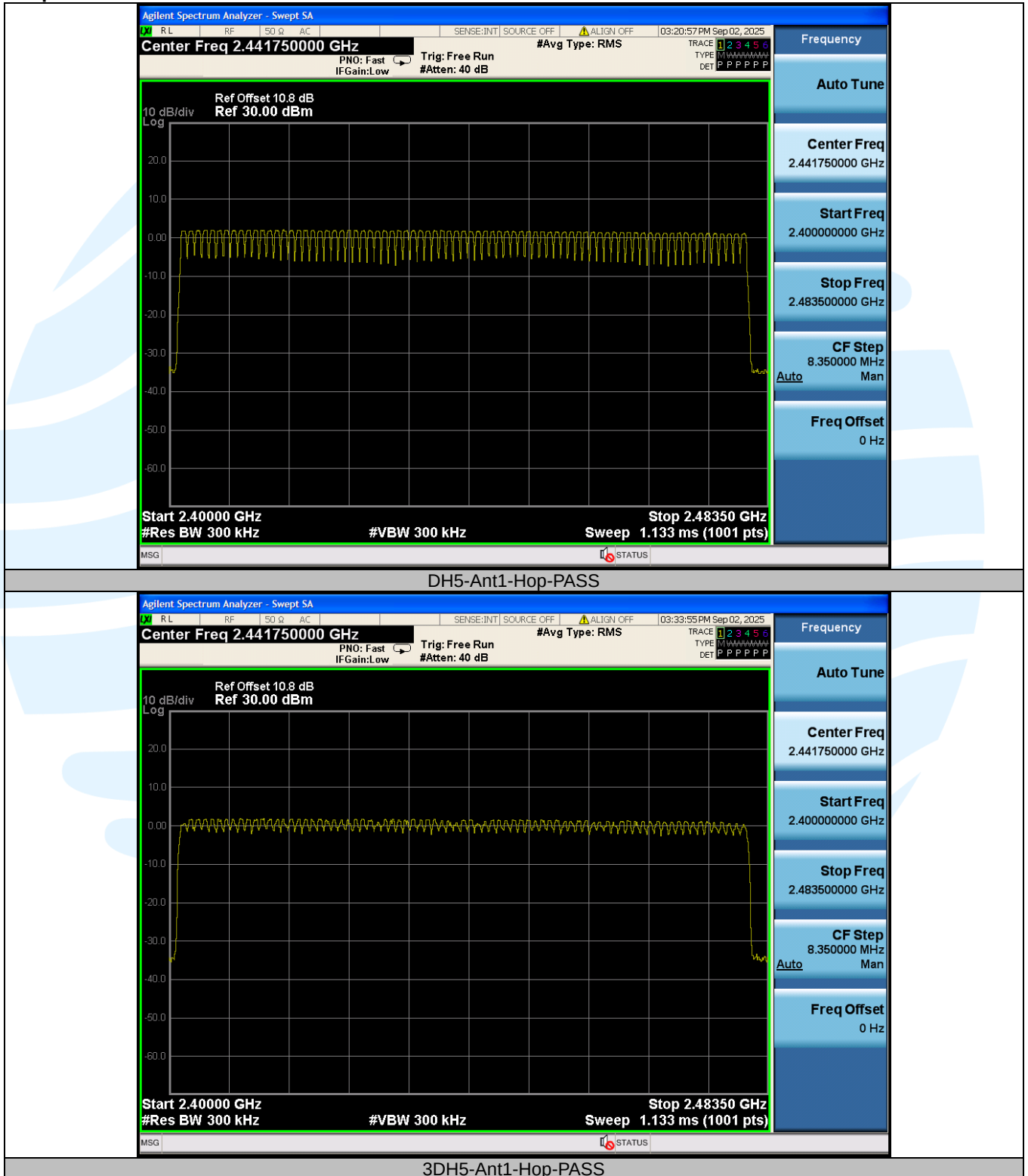


Right earbud

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.
