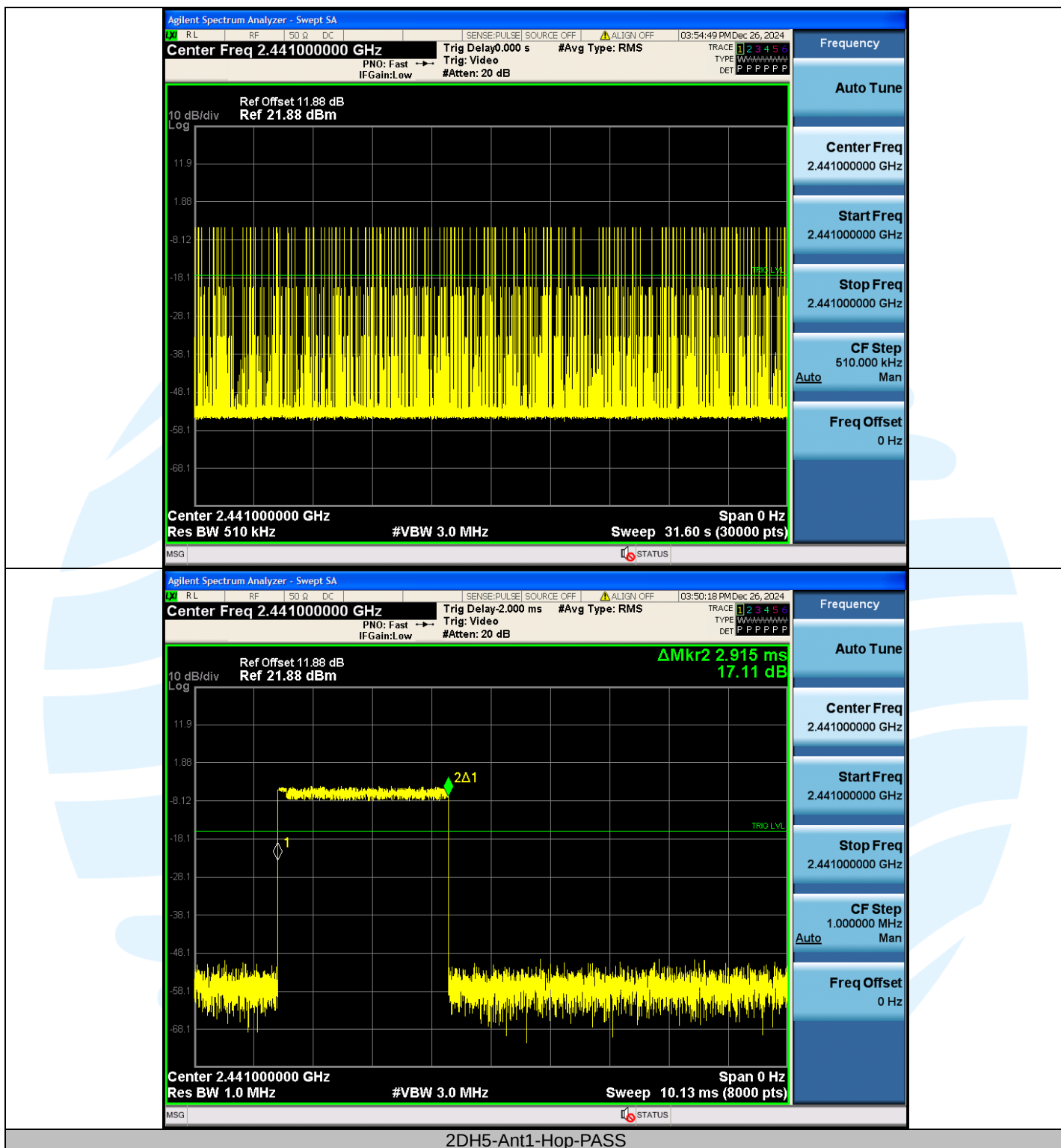


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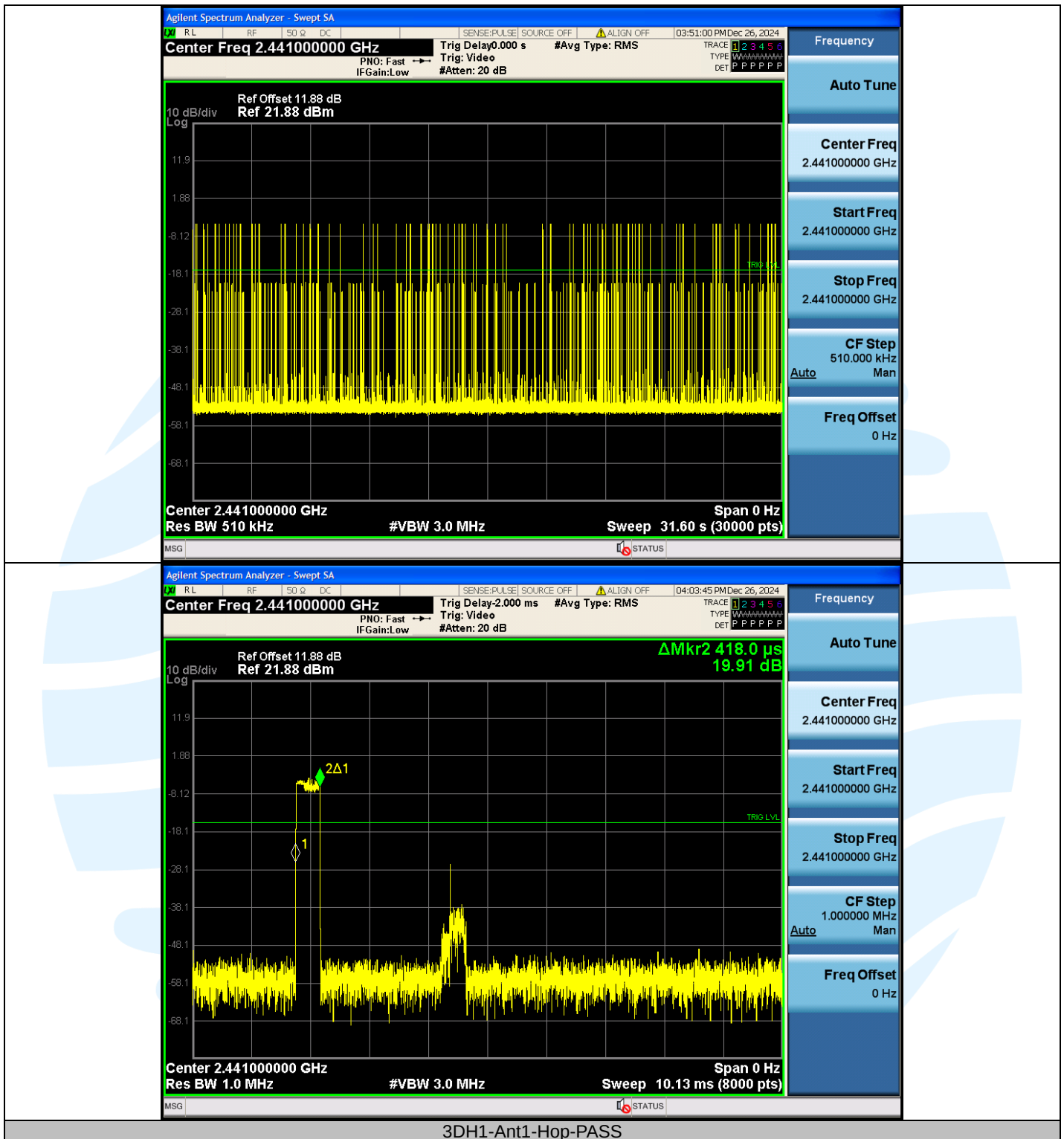
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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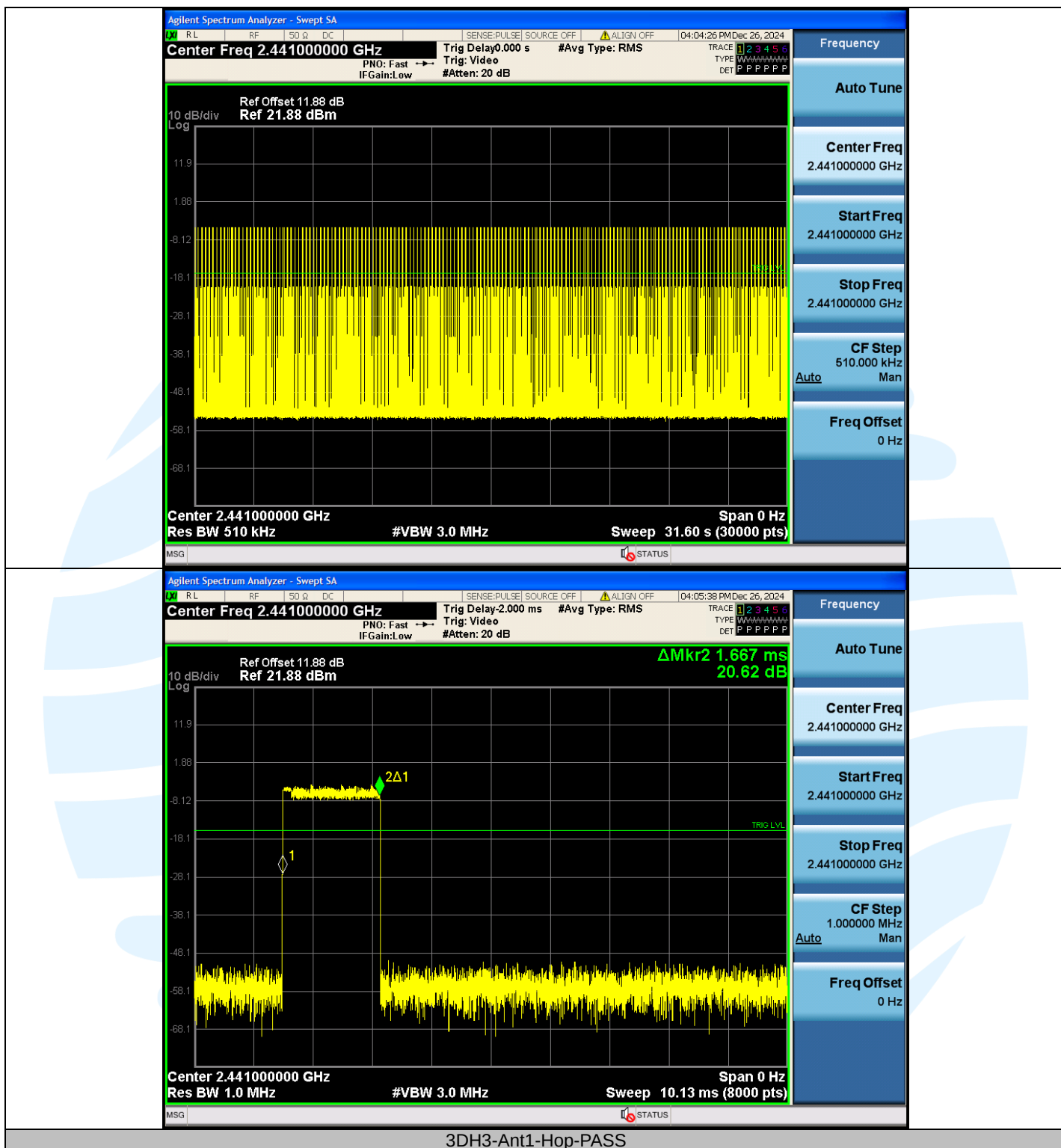
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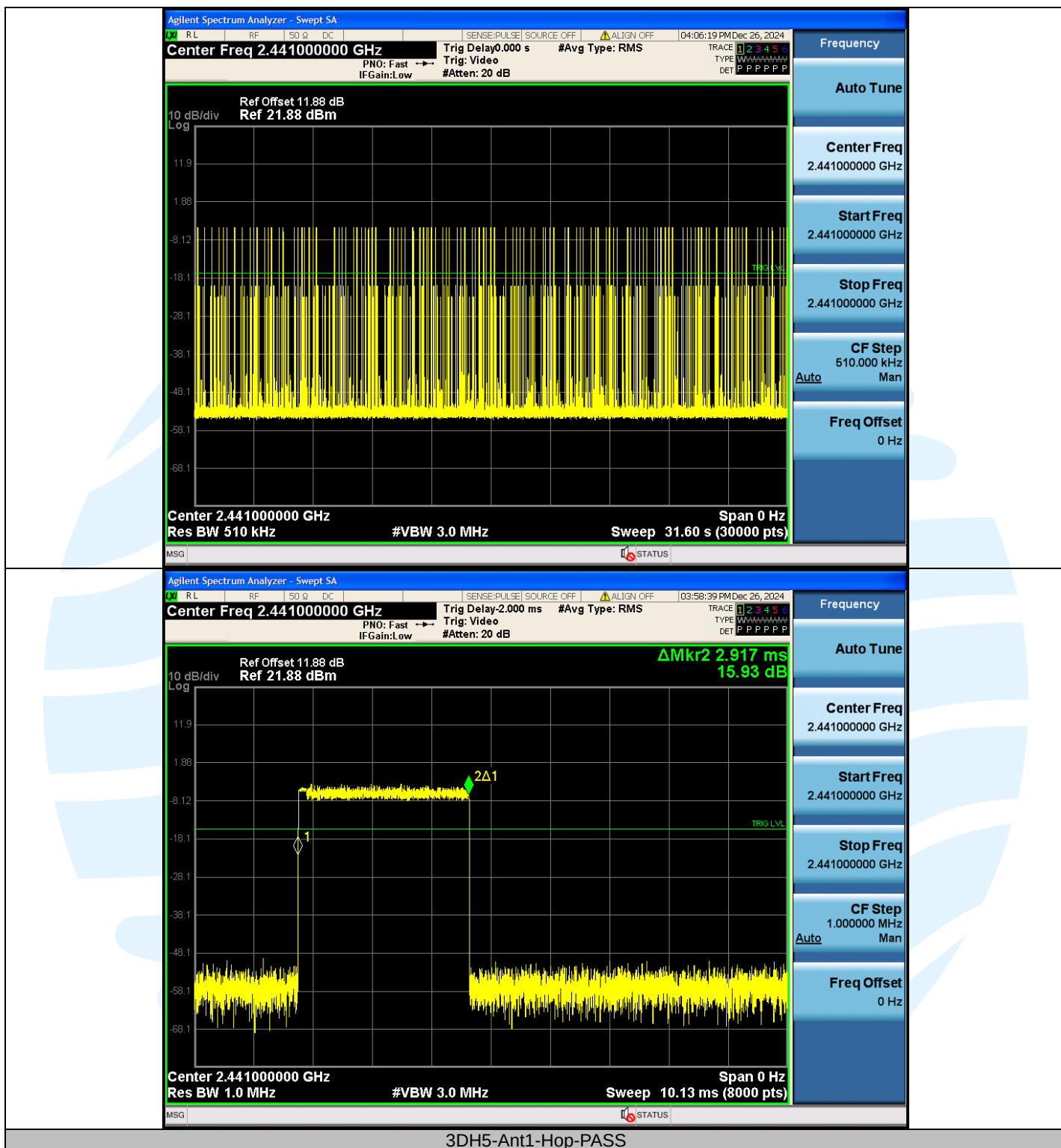
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3DH5-Ant1-Hop-PASS

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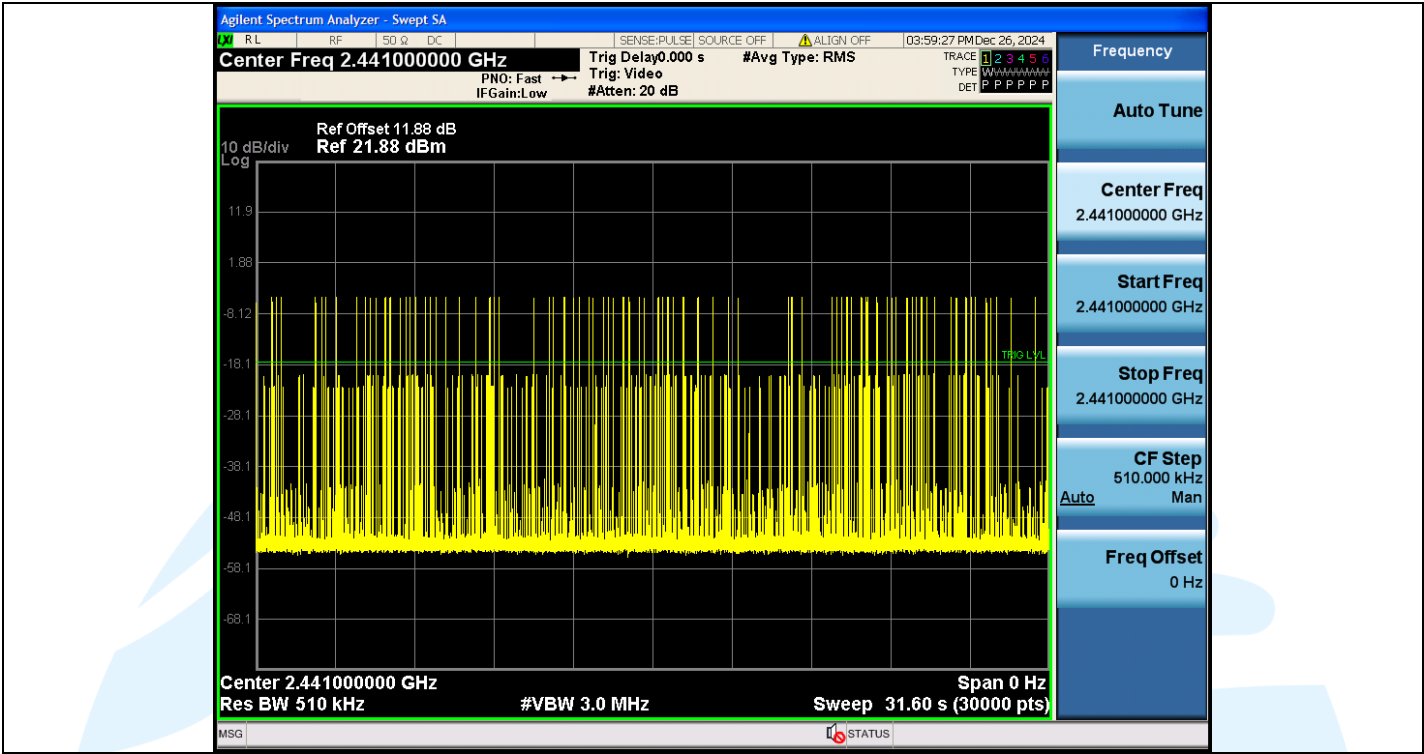
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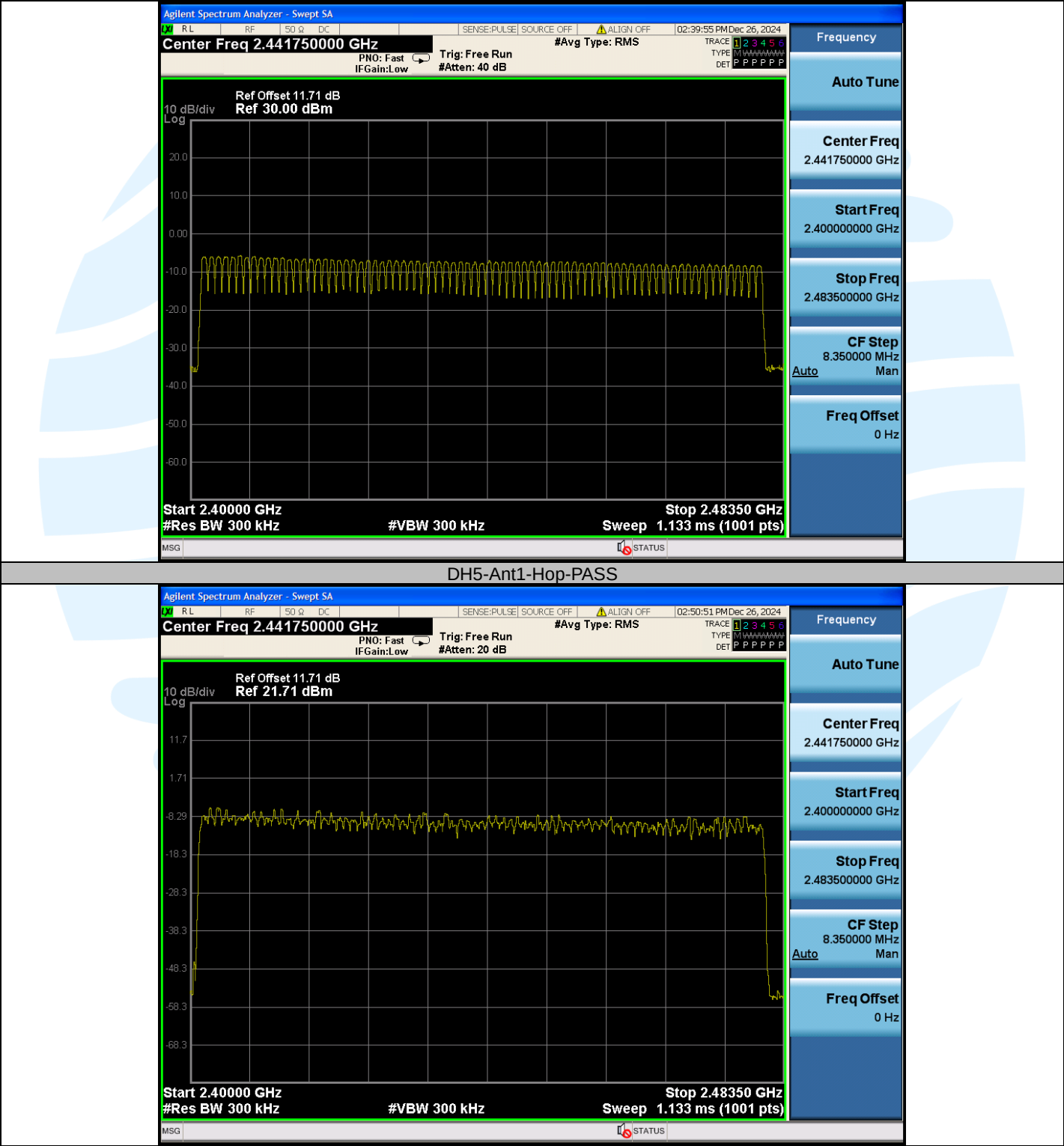
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Tel: +86-755-28230888 Fax: +86-755-28230886 E-mail: info@uttlab.com <http://www.uttlab.com>
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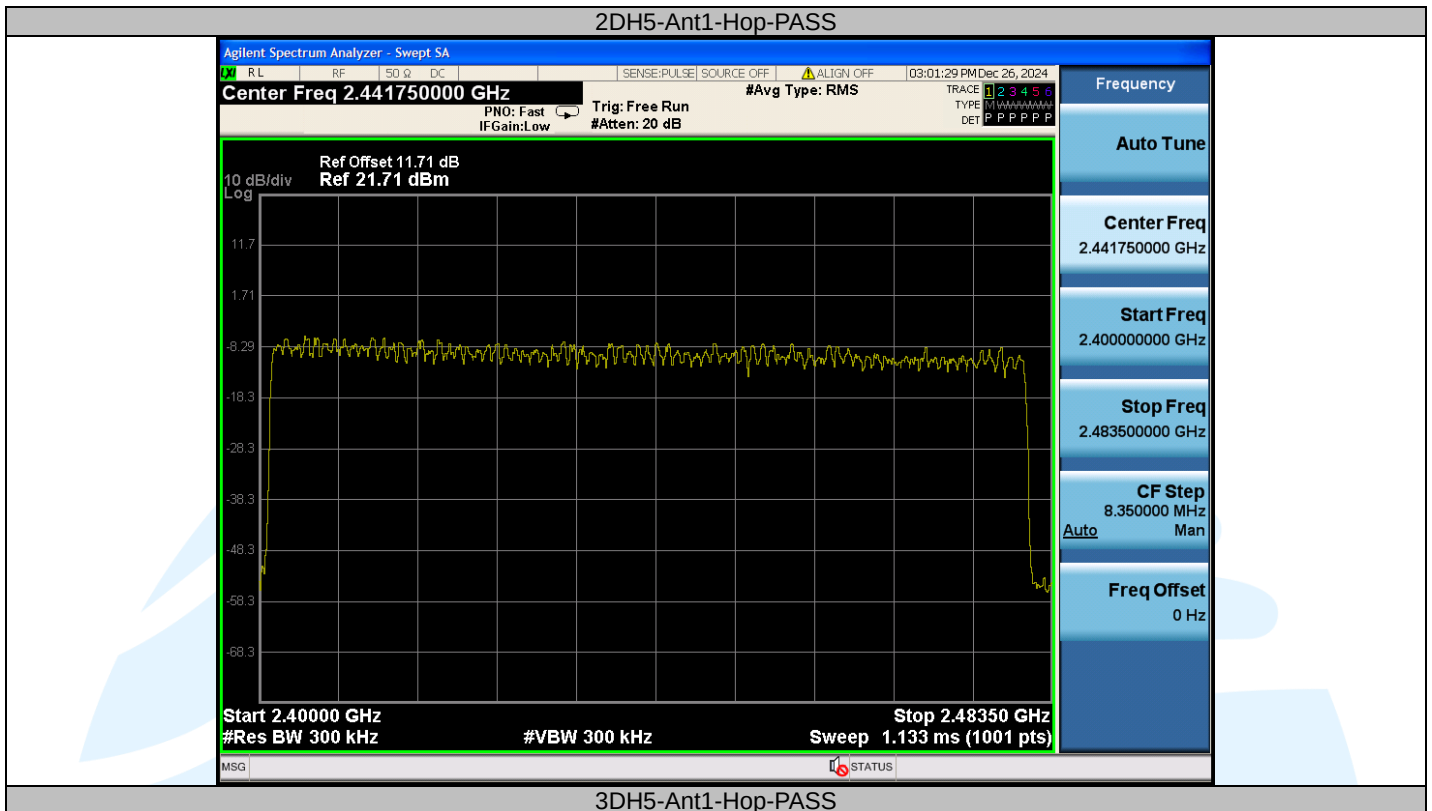
A.5 NUMBER OF HOPPING CHANNELS

Left Earbud:

Test Mode	Antenna	Frequency[MHz]	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

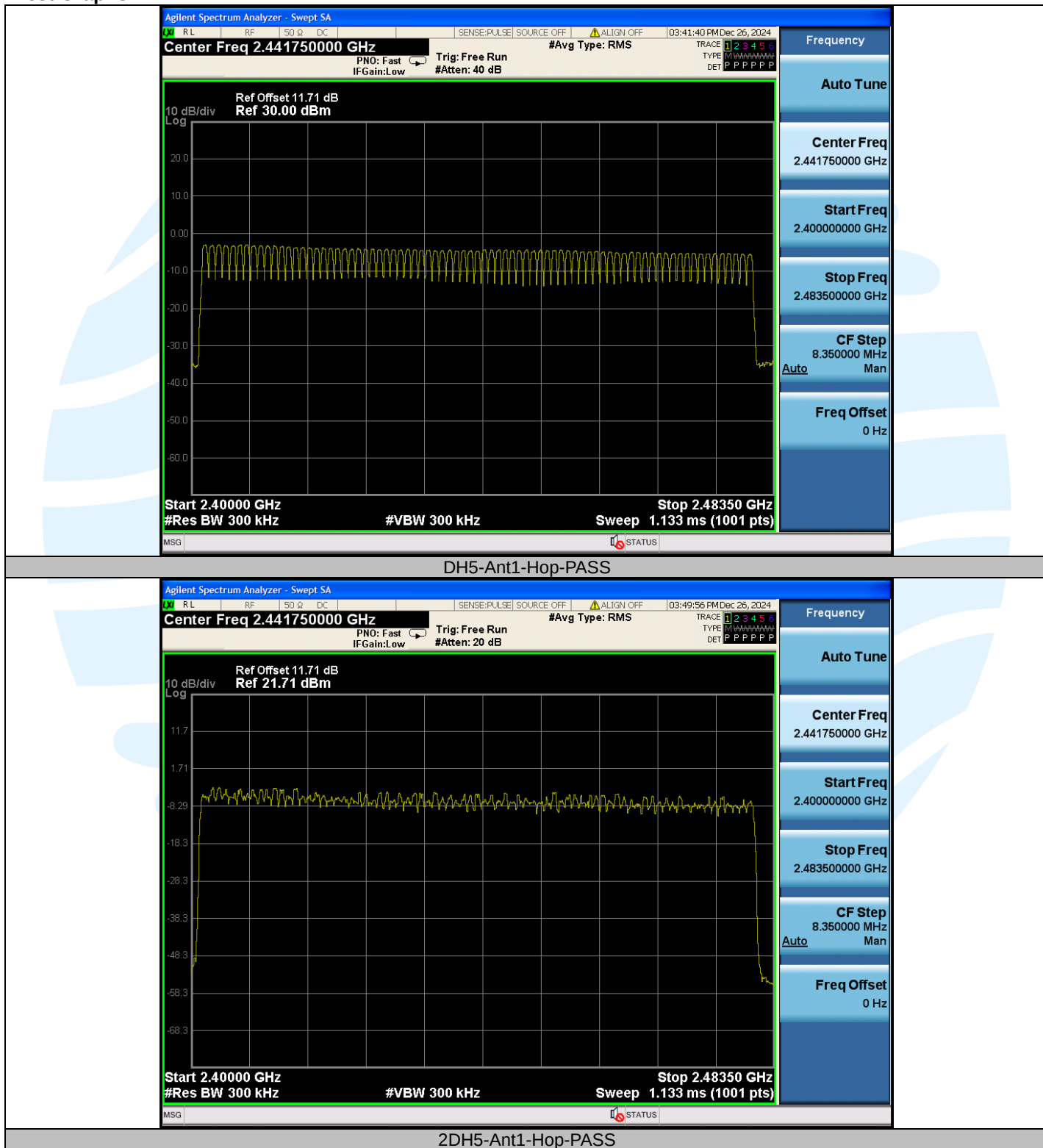




Right Earbud:

Test Mode	Antenna	Frequency[MHz]	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



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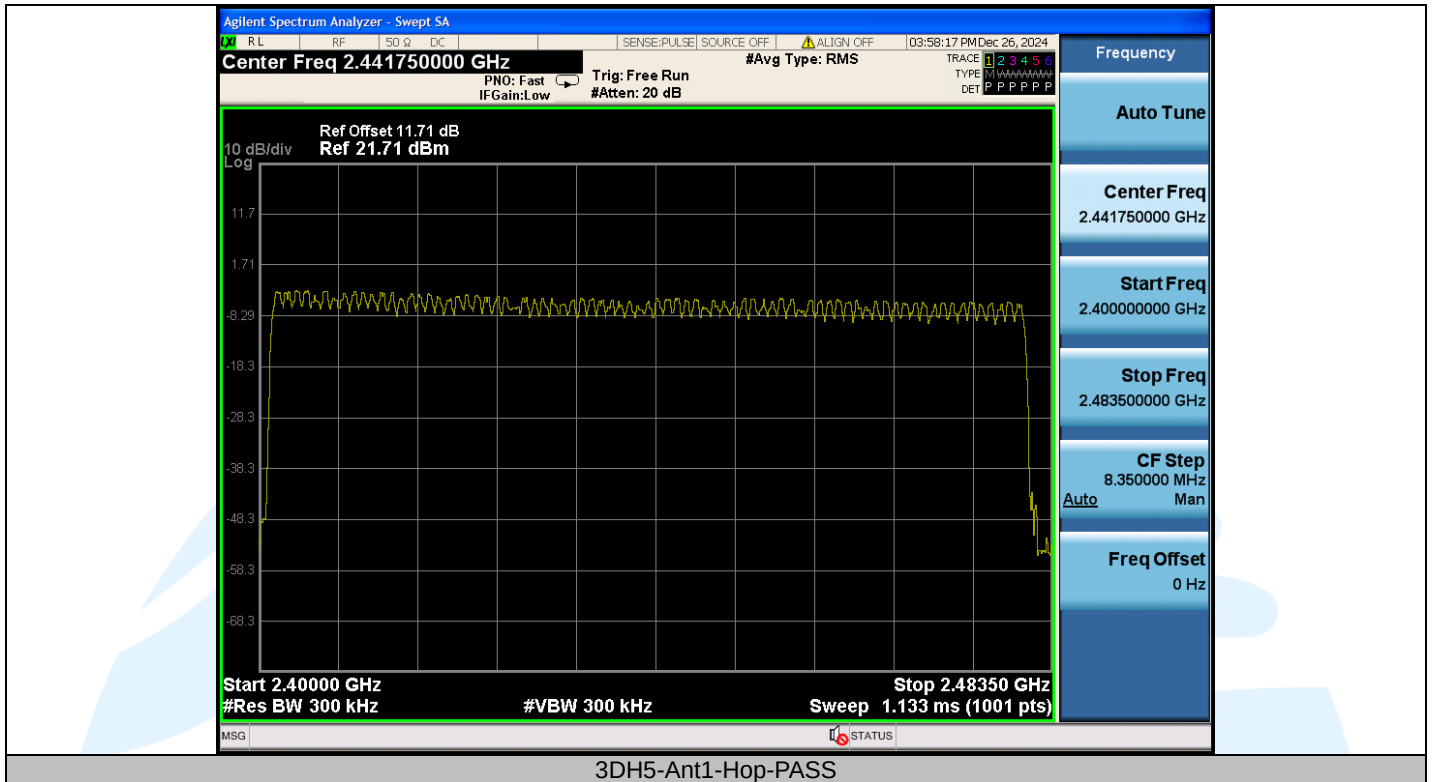
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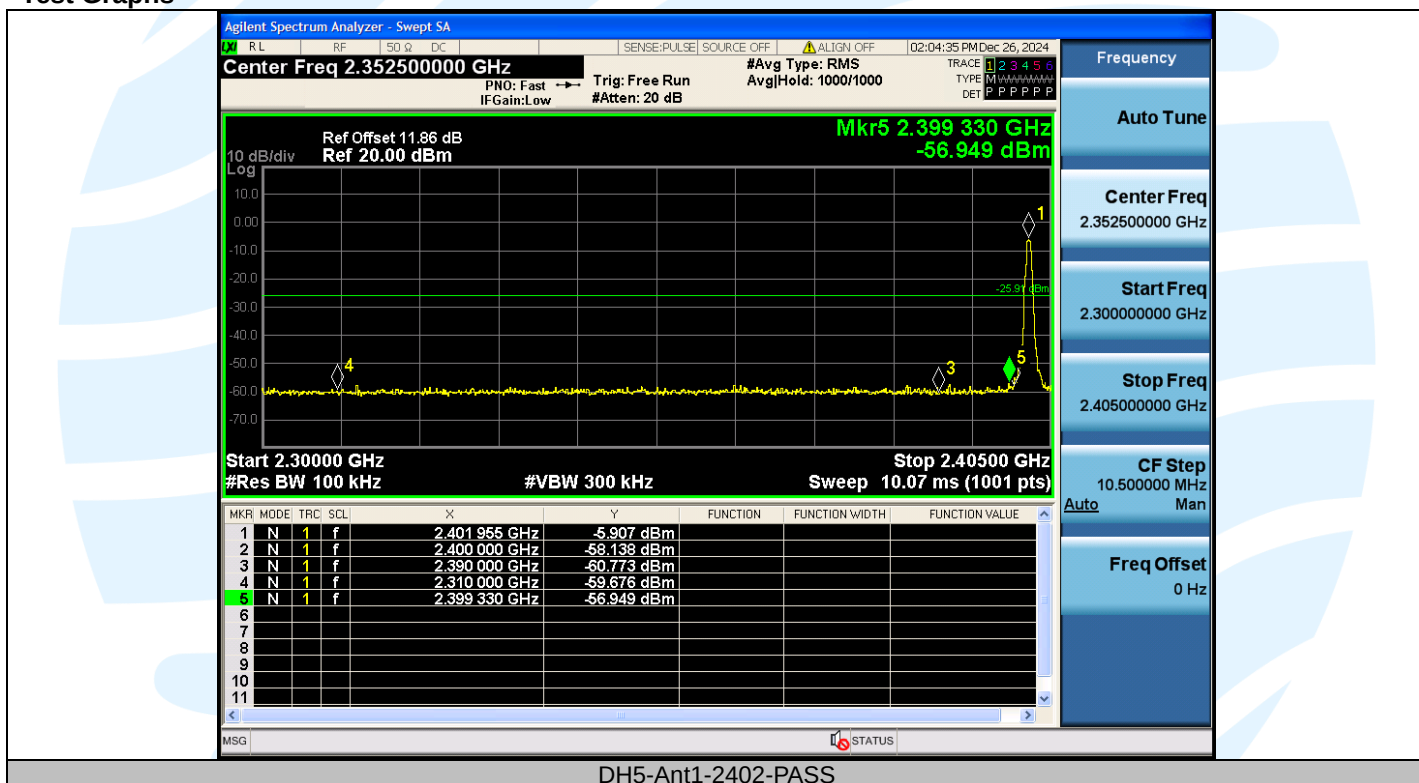
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A.6 BAND EDGE MEASUREMENTS

Left Earbud:

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-5.91	-56.95	≤-25.91	PASS
DH5	Ant1	High	2480	-8.27	-57.18	≤-28.27	PASS
DH5	Ant1	Low	Hop_2402	-6.25	-57.29	≤-26.25	PASS
DH5	Ant1	High	Hop_2480	-8.59	-57.38	≤-28.59	PASS
2DH5	Ant1	Low	2402	-6.60	-56.72	≤-26.6	PASS
2DH5	Ant1	High	2480	-9.09	-56.43	≤-29.09	PASS
2DH5	Ant1	Low	Hop_2402	-6.44	-56.6	≤-26.44	PASS
2DH5	Ant1	High	Hop_2480	-9.06	-56.93	≤-29.06	PASS
3DH5	Ant1	Low	2402	-6.67	-54.77	≤-26.67	PASS
3DH5	Ant1	High	2480	-9.02	-57.2	≤-29.02	PASS
3DH5	Ant1	Low	Hop_2402	-6.40	-56.6	≤-26.4	PASS
3DH5	Ant1	High	Hop_2480	-9.00	-56.84	≤-29	PASS

Test Graphs



DH5-Ant1-2402-PASS

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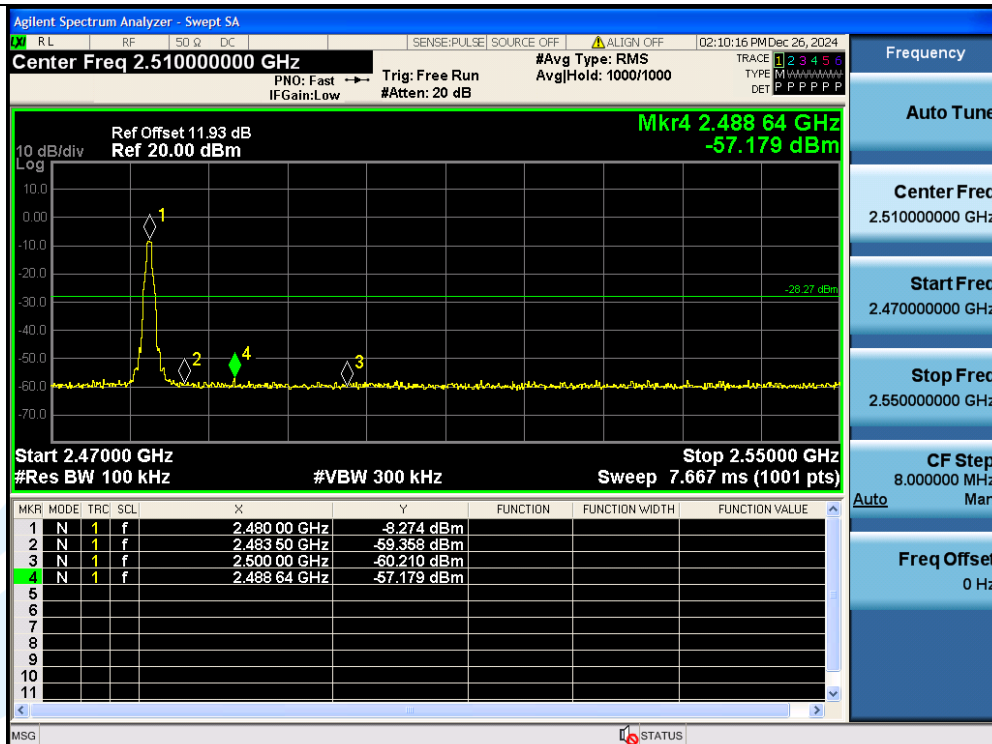
Tel: +86-755-28230888

Fax: +86-755-28230886

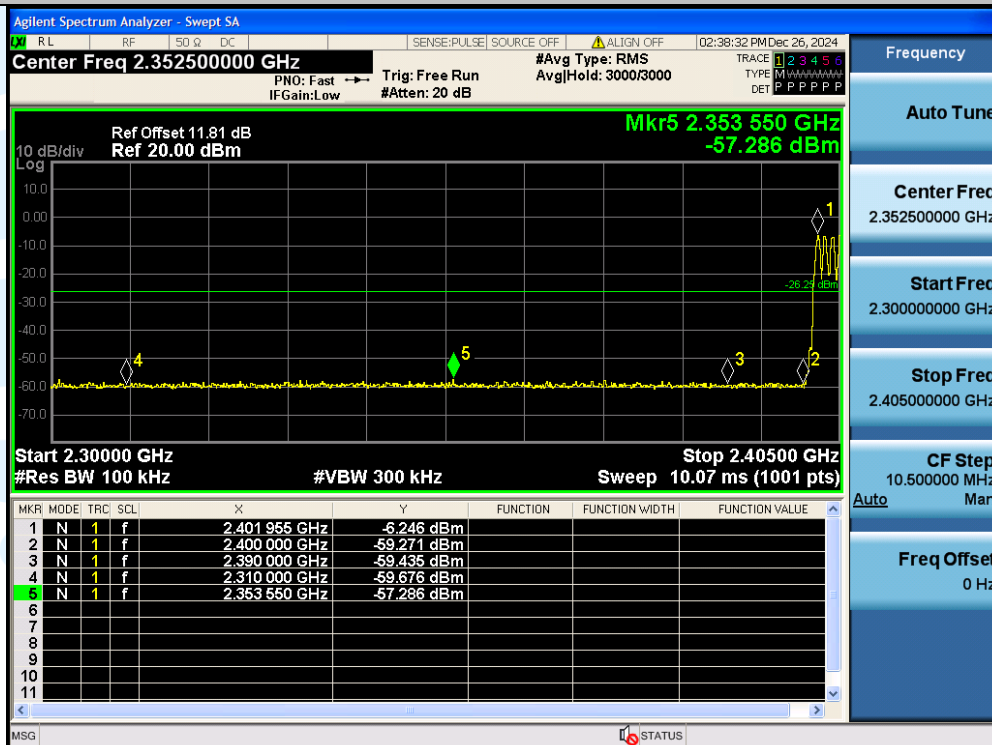
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DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS

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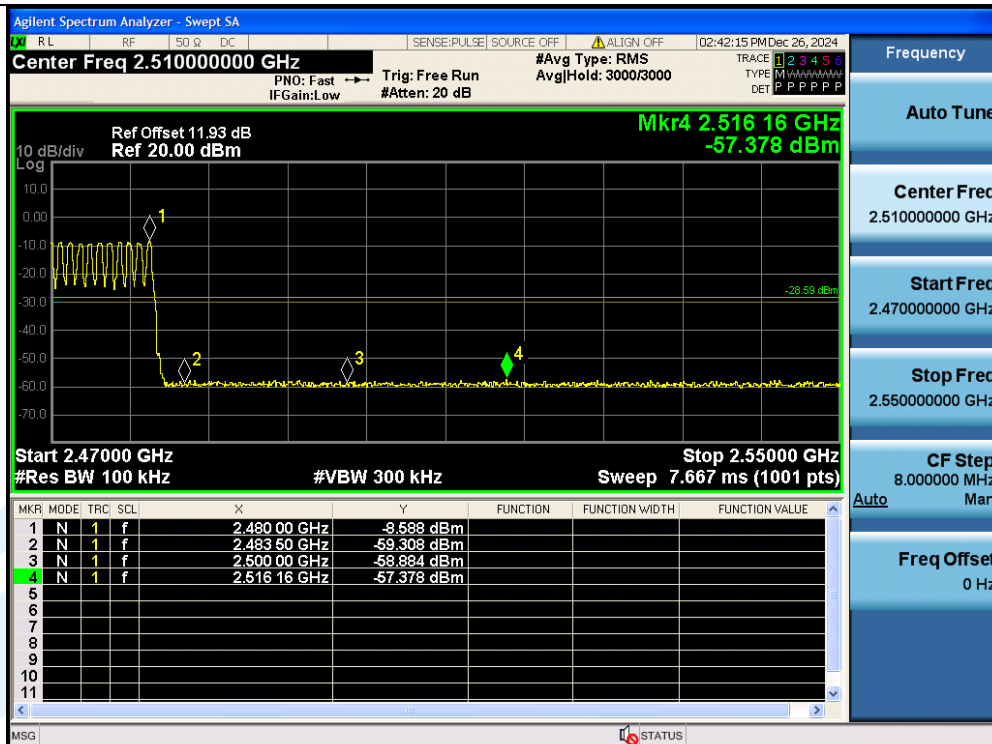
Tel: +86-755-28230888

Fax: +86-755-28230886

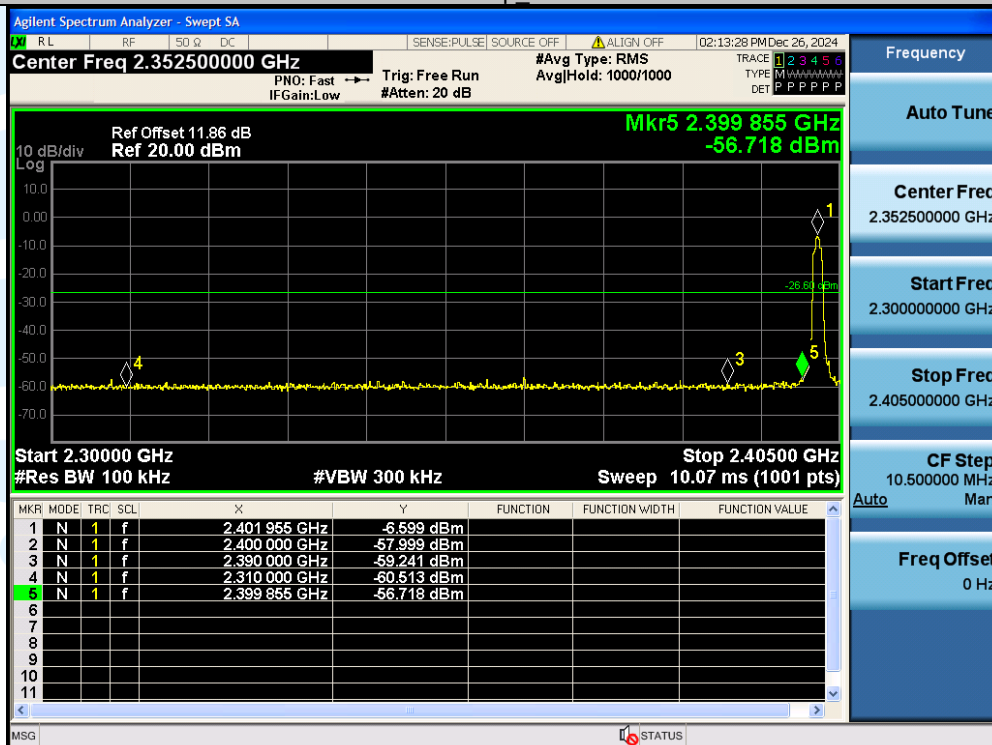
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DH5-Ant1-Hop 2480-PASS



2DH5-Ant1-2402-PASS

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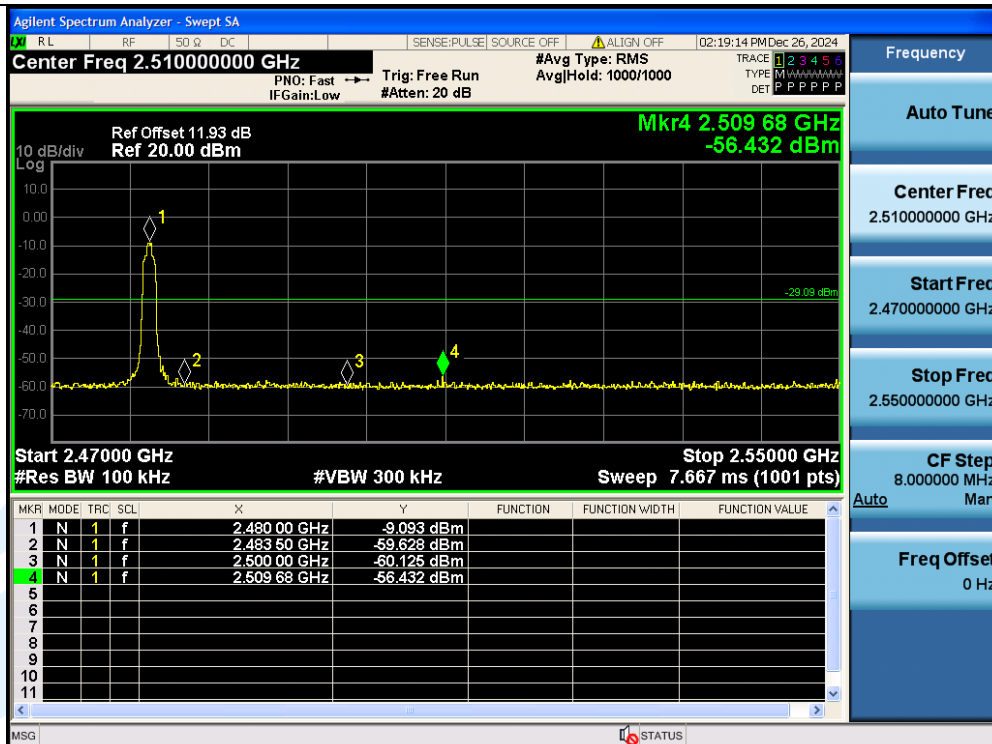
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Fax: +86-755-28230886

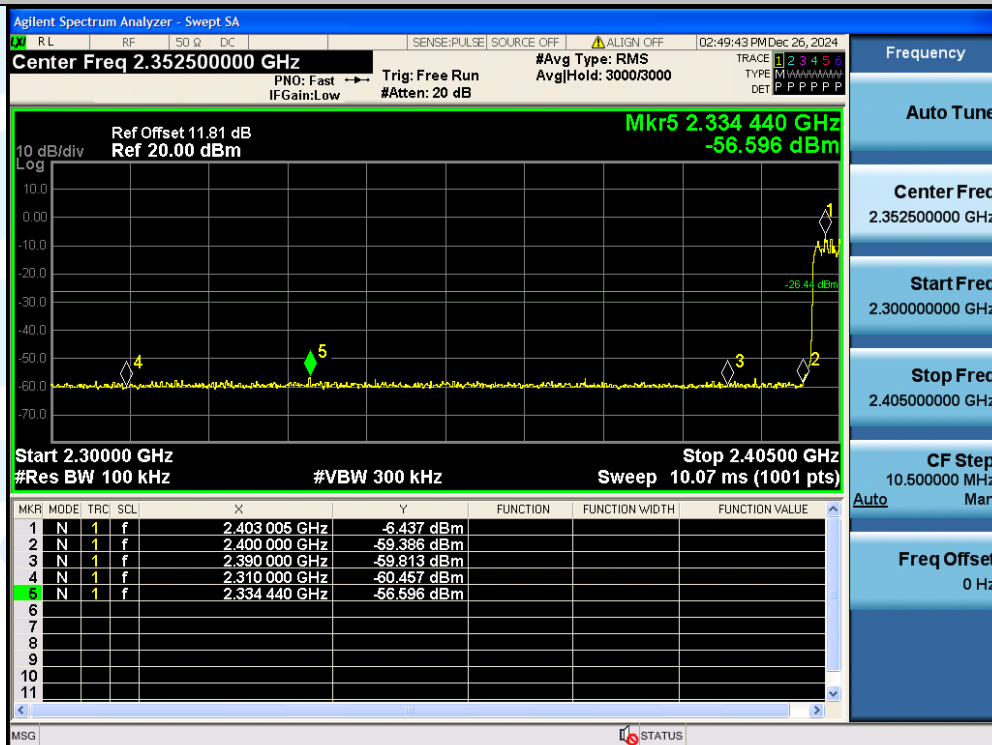
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2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS

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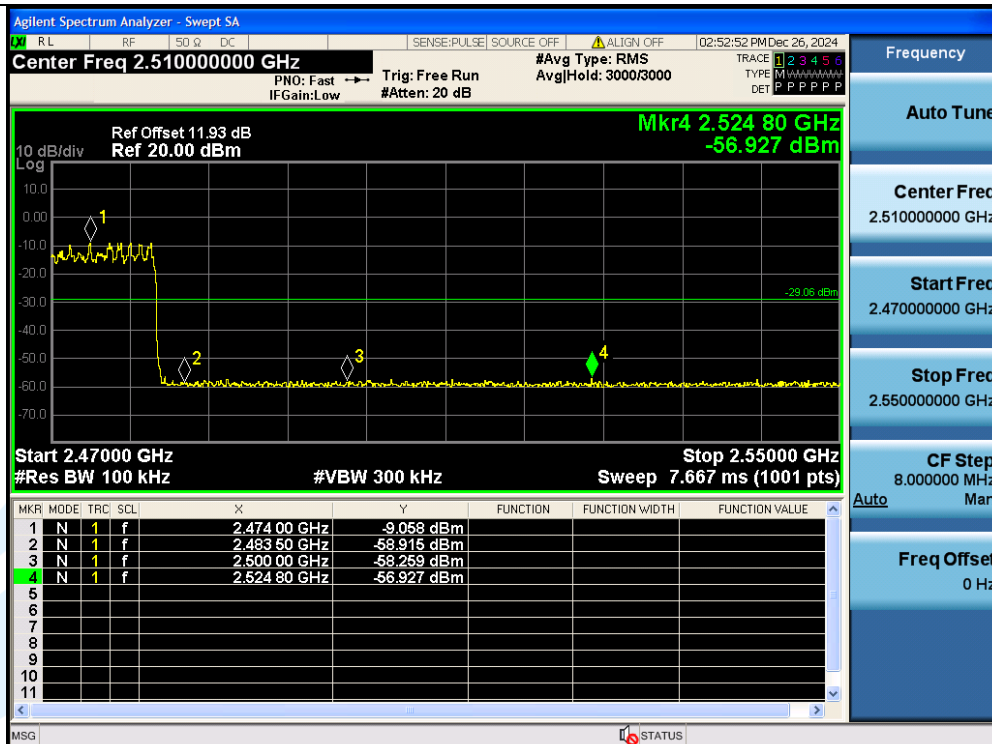
Tel: +86-755-28230888

Fax: +86-755-28230886

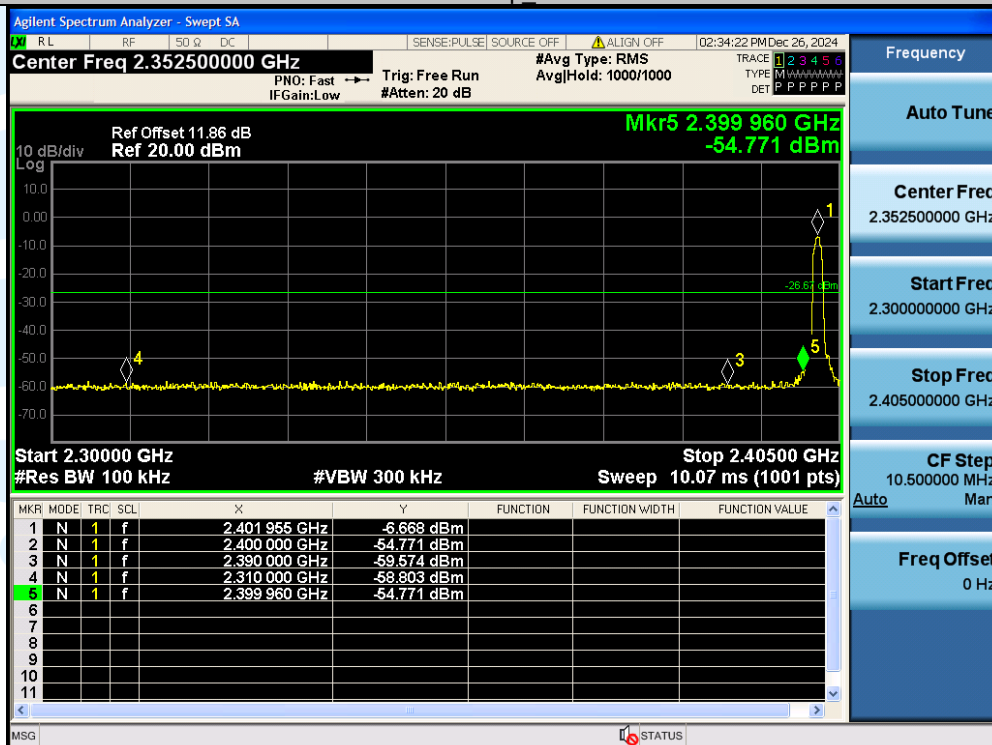
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2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

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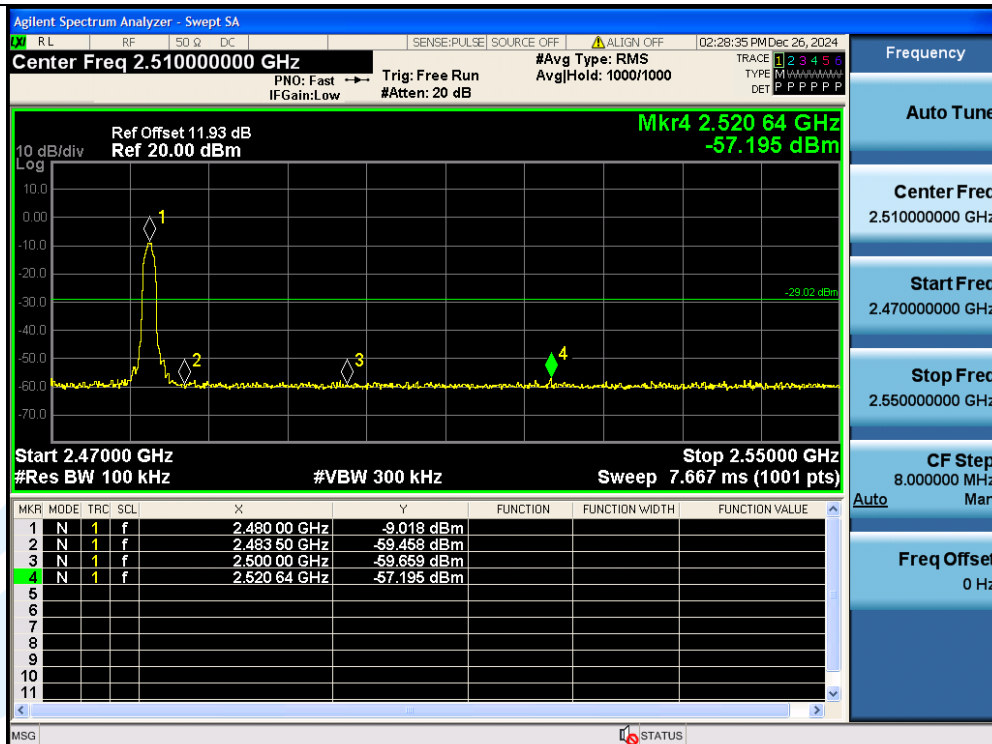
Tel: +86-755-28230888

Fax: +86-755-28230886

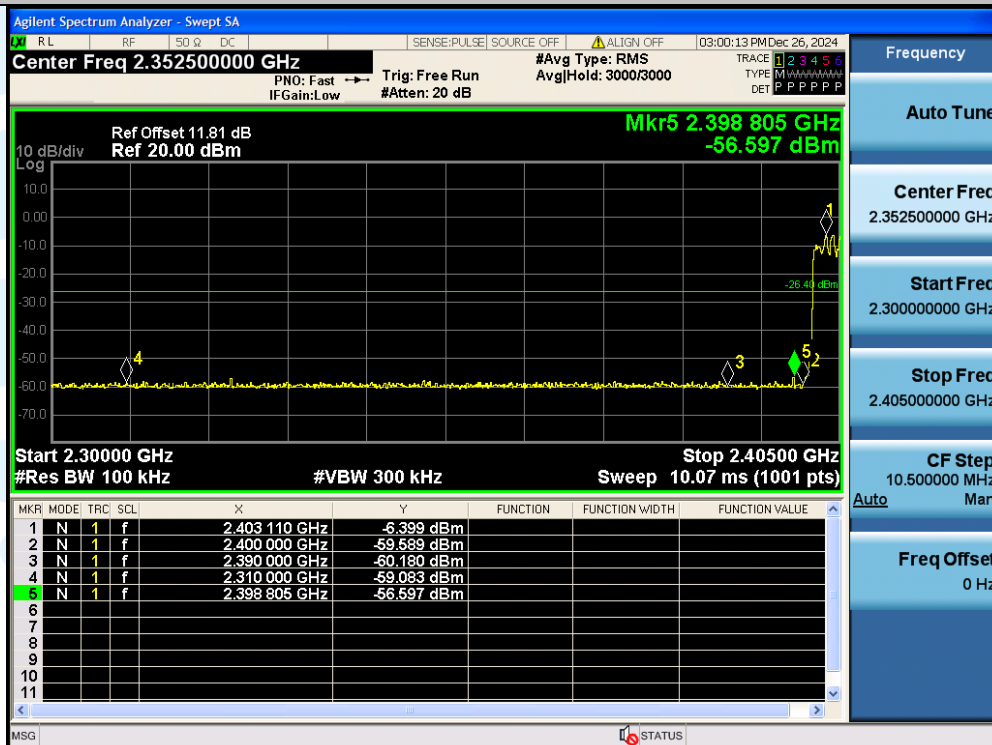
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3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

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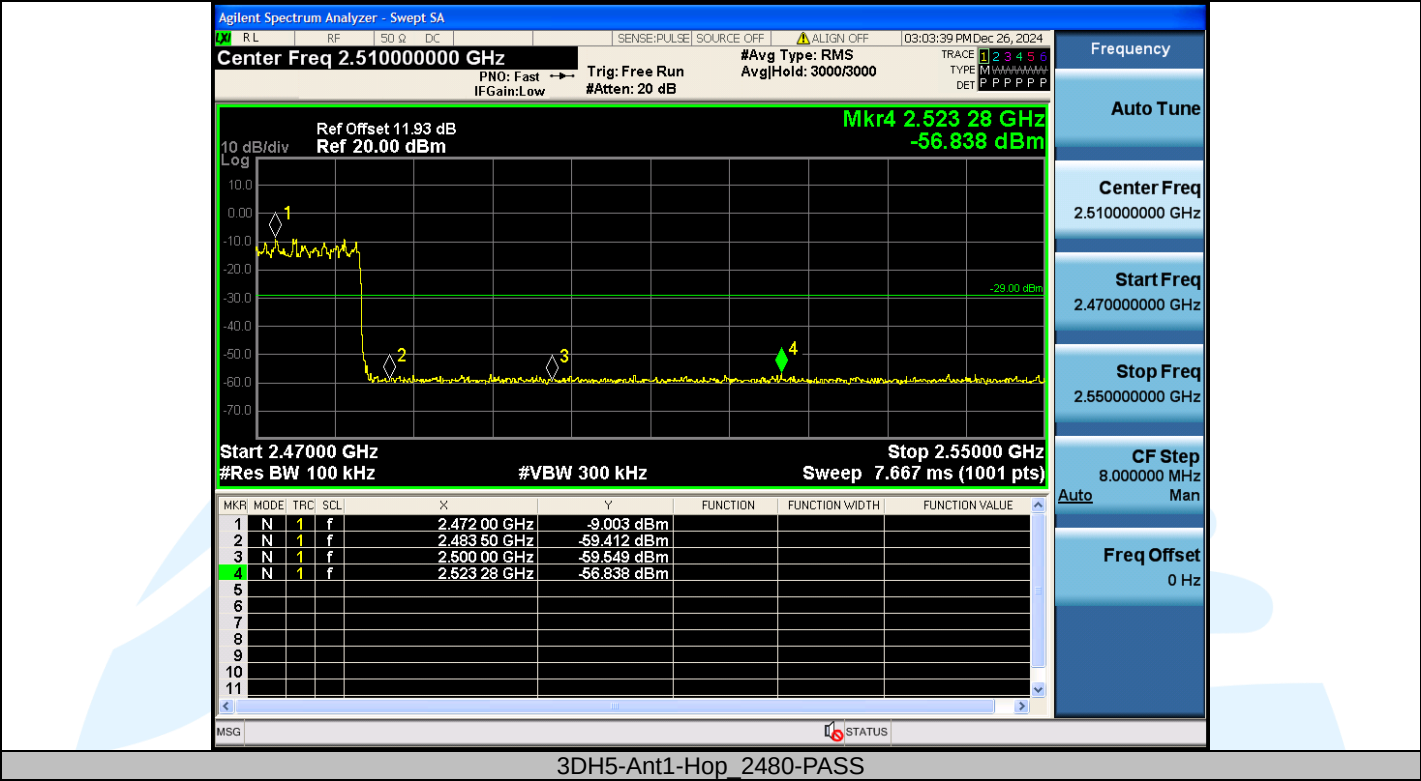
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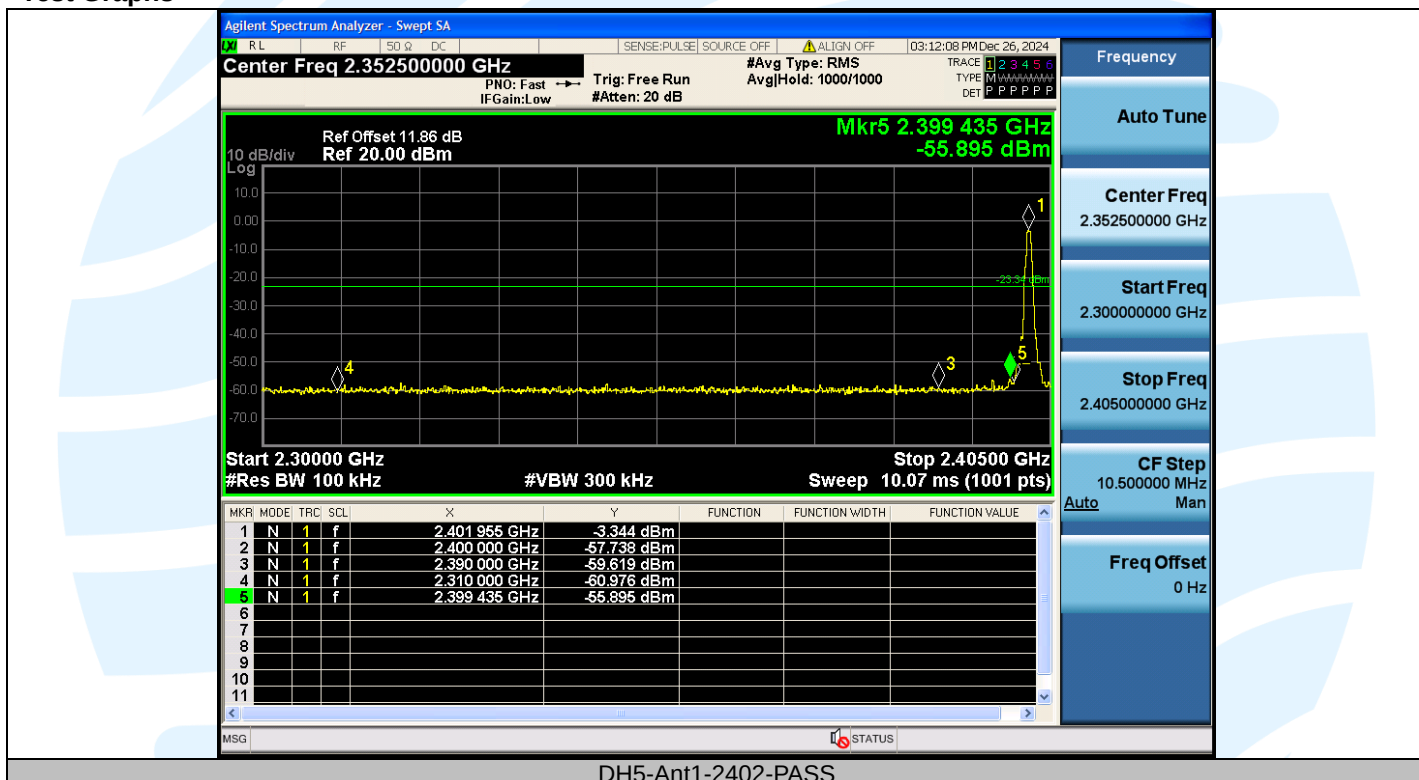
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Right Earbud:

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.34	-55.9	≤-23.34	PASS
DH5	Ant1	High	2480	-5.65	-57.17	≤-25.65	PASS
DH5	Ant1	Low	Hop_2402	-3.18	-57.05	≤-23.18	PASS
DH5	Ant1	High	Hop_2480	-5.85	-55.45	≤-25.85	PASS
2DH5	Ant1	Low	2402	-3.64	-54.48	≤-23.64	PASS
2DH5	Ant1	High	2480	-5.90	-57.44	≤-25.9	PASS
2DH5	Ant1	Low	Hop_2402	-4.11	-57.6	≤-24.11	PASS
2DH5	Ant1	High	Hop_2480	-6.25	-53.57	≤-26.25	PASS
3DH5	Ant1	Low	2402	-3.57	-51.16	≤-23.57	PASS
3DH5	Ant1	High	2480	-6.29	-57.25	≤-26.29	PASS
3DH5	Ant1	Low	Hop_2402	-3.79	-56.8	≤-23.79	PASS
3DH5	Ant1	High	Hop_2480	-6.09	-56.87	≤-26.09	PASS

Test Graphs



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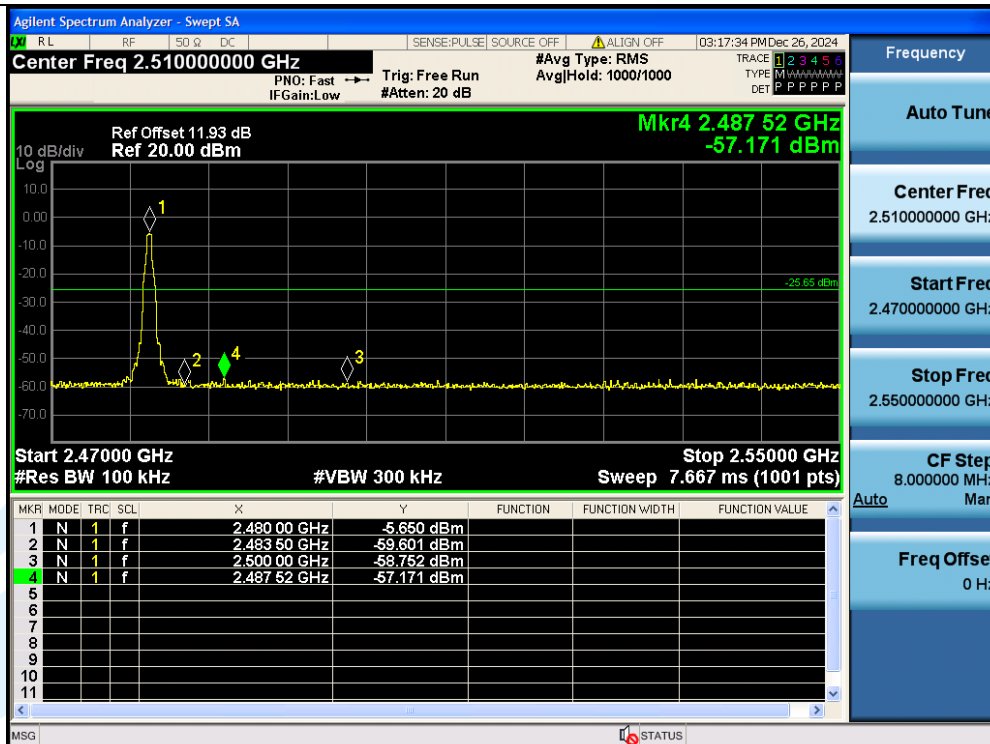
Tel: +86-755-28230888

Fax: +86-755-28230886

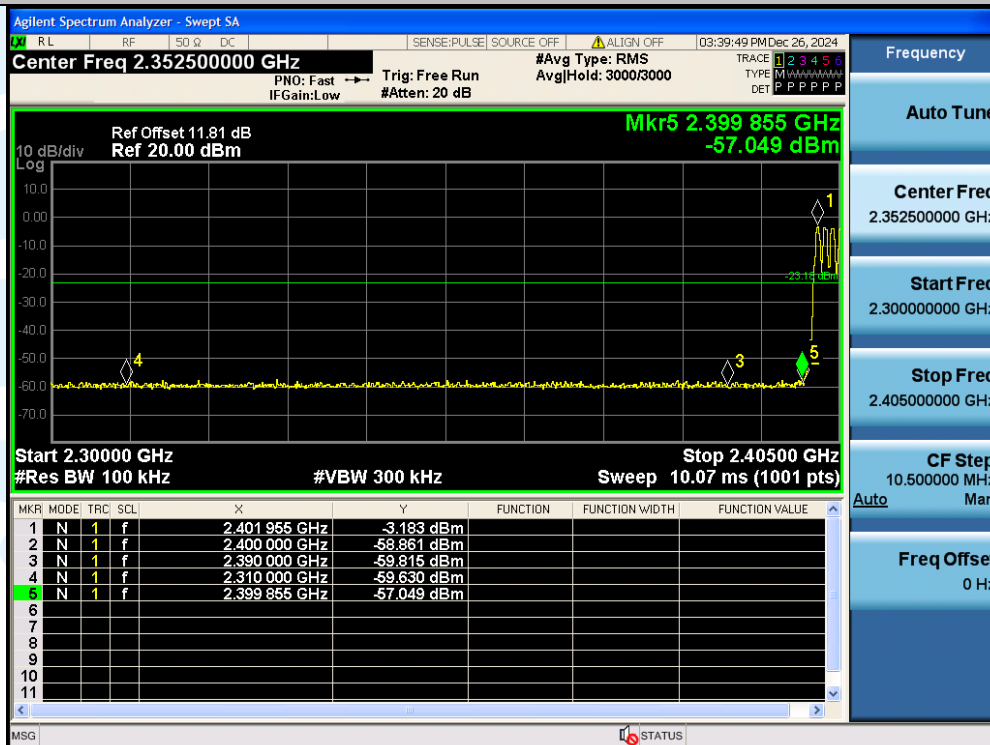
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DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS

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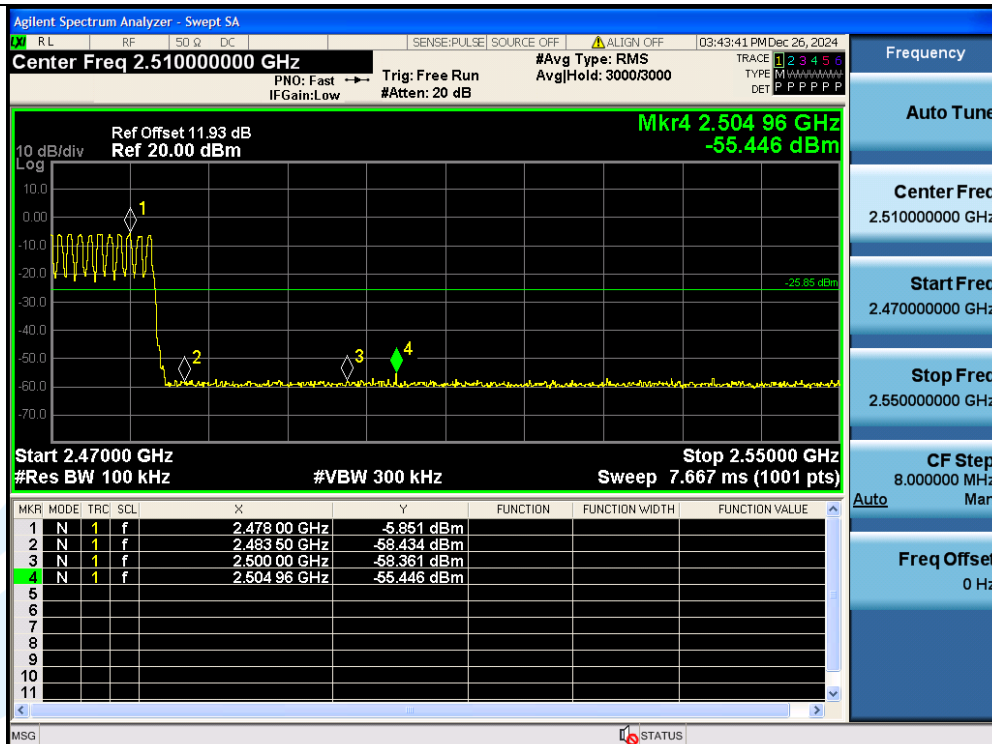
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Fax: +86-755-28230886

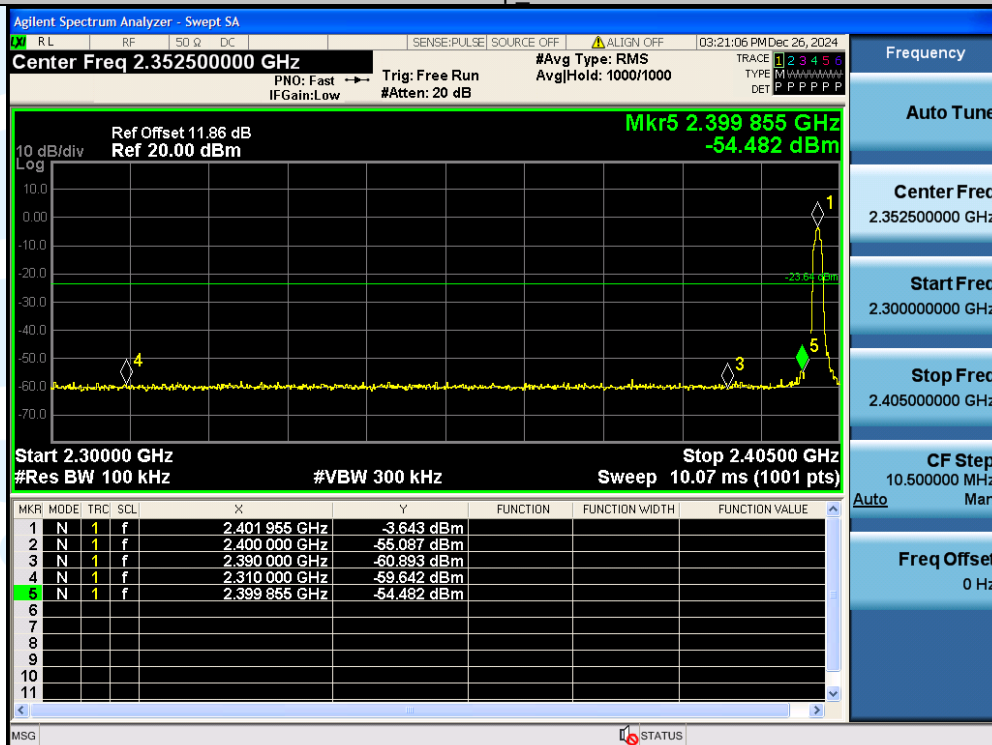
E-mail: info@uttlab.com

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DH5-Ant1-Hop 2480-PASS



2DH5-Ant1-2402-PASS

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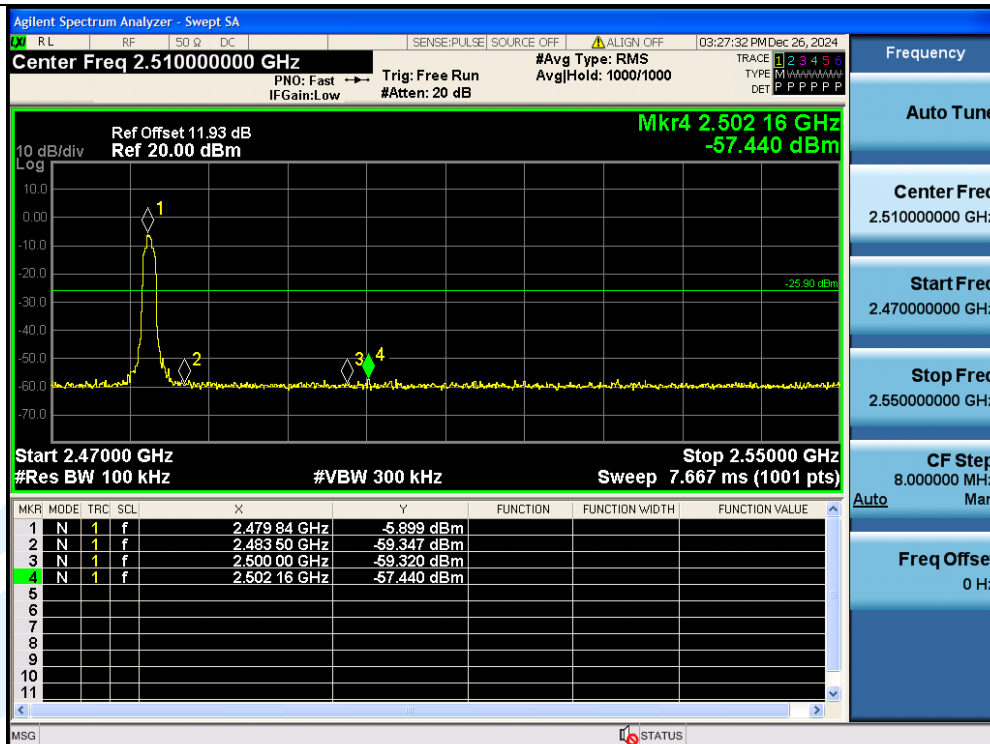
Tel: +86-755-28230888

Fax: +86-755-28230886

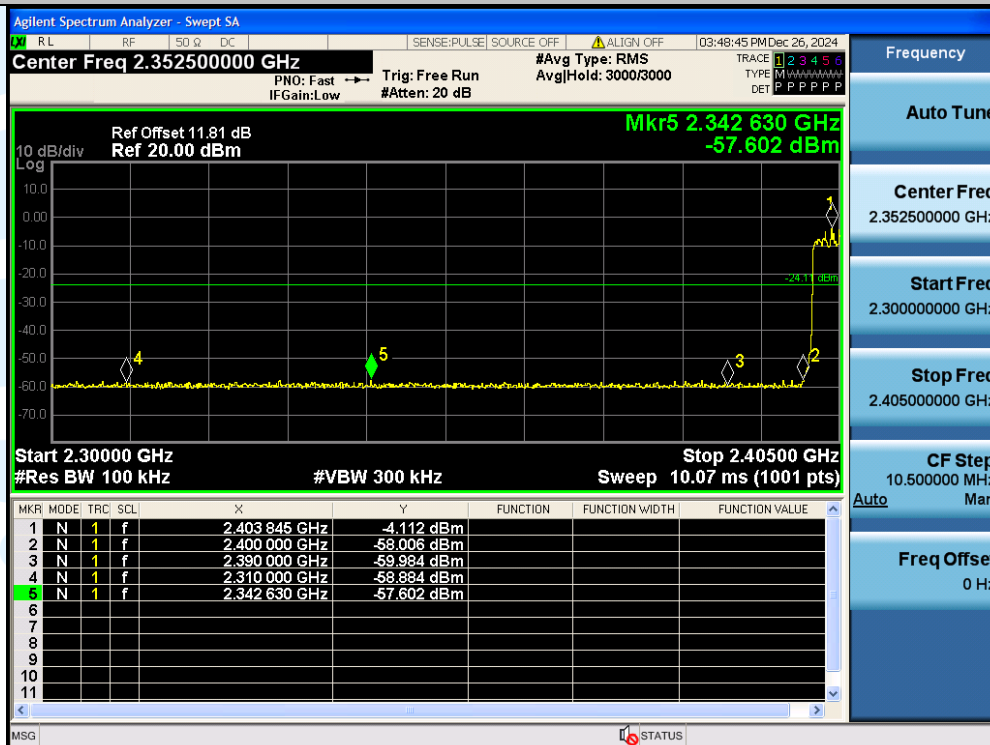
E-mail: info@uttlab.com

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2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS

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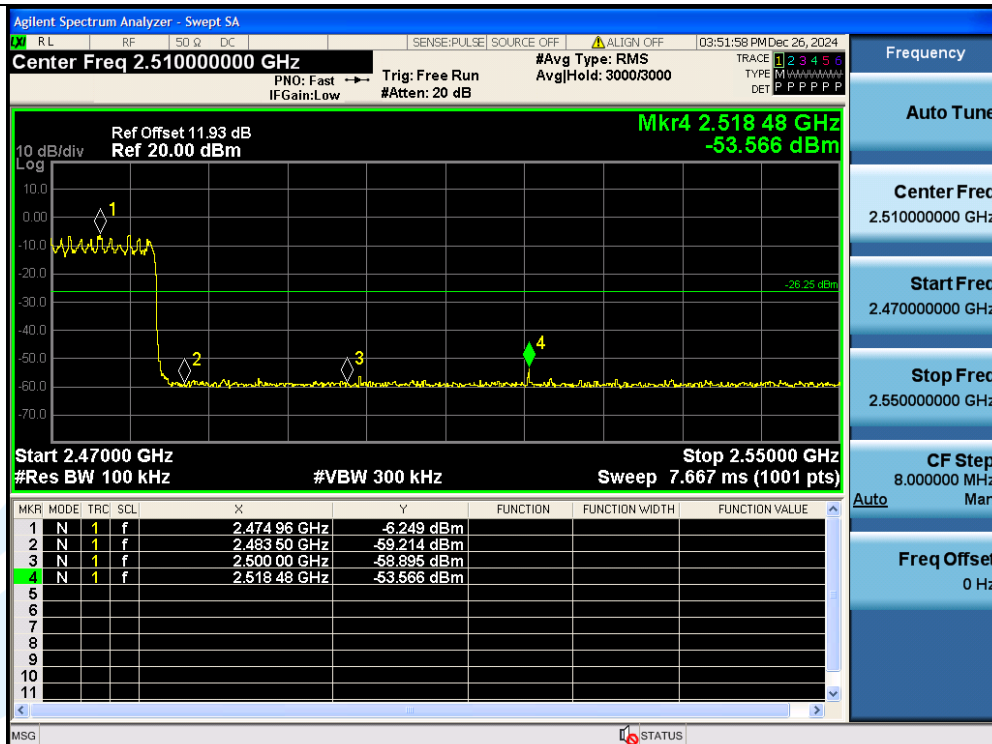
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Fax: +86-755-28230886

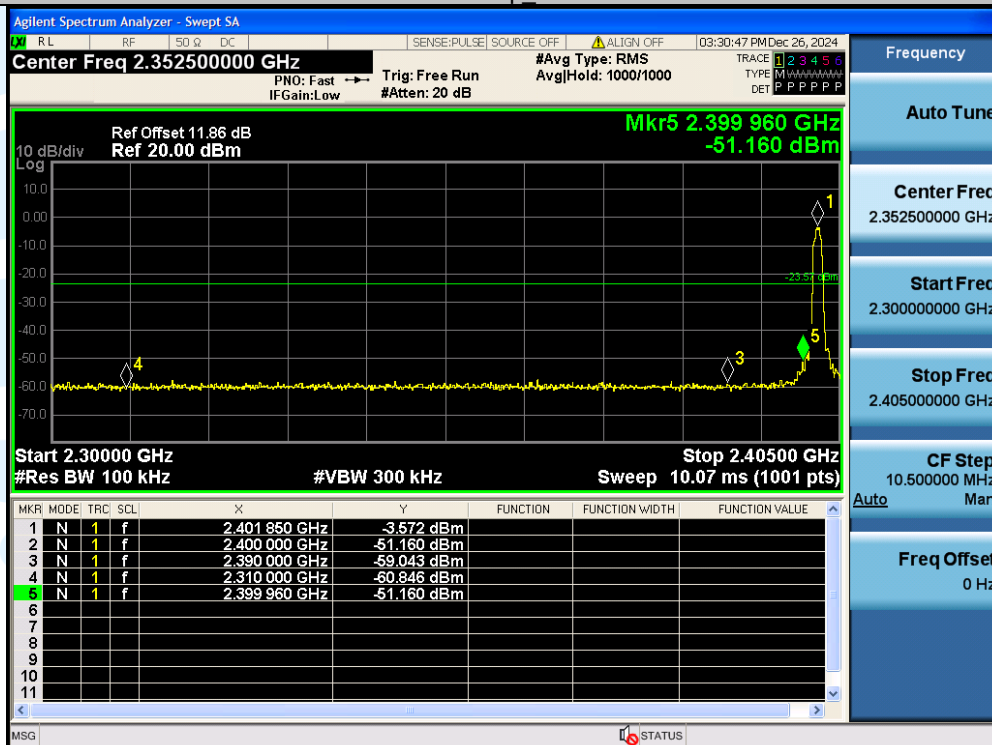
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2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

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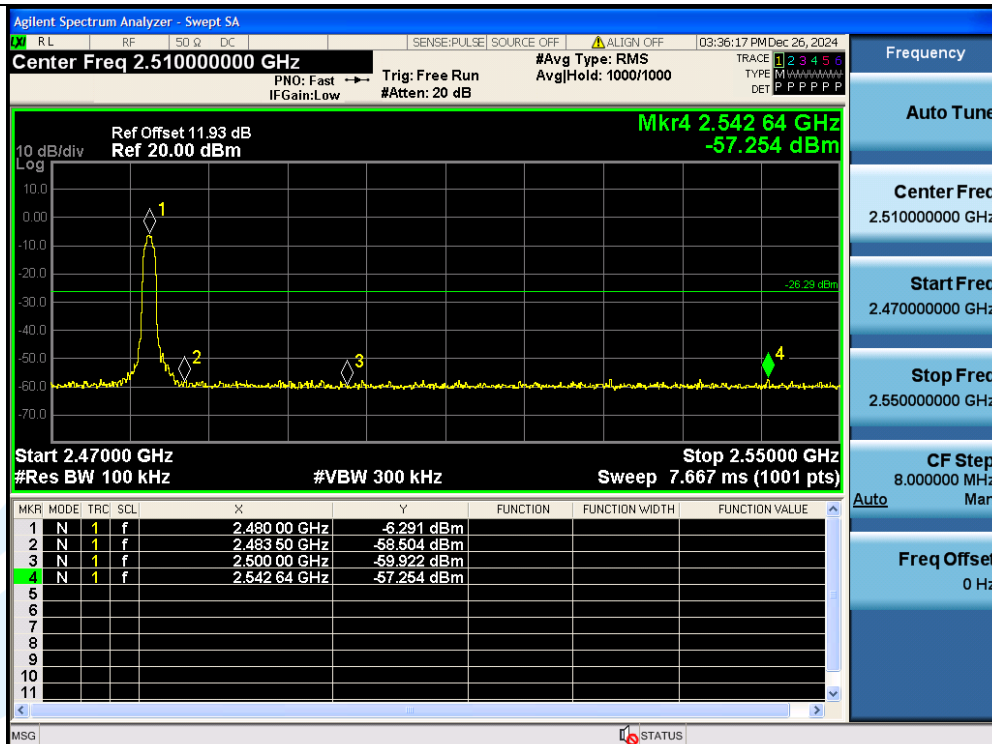
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Fax: +86-755-28230886

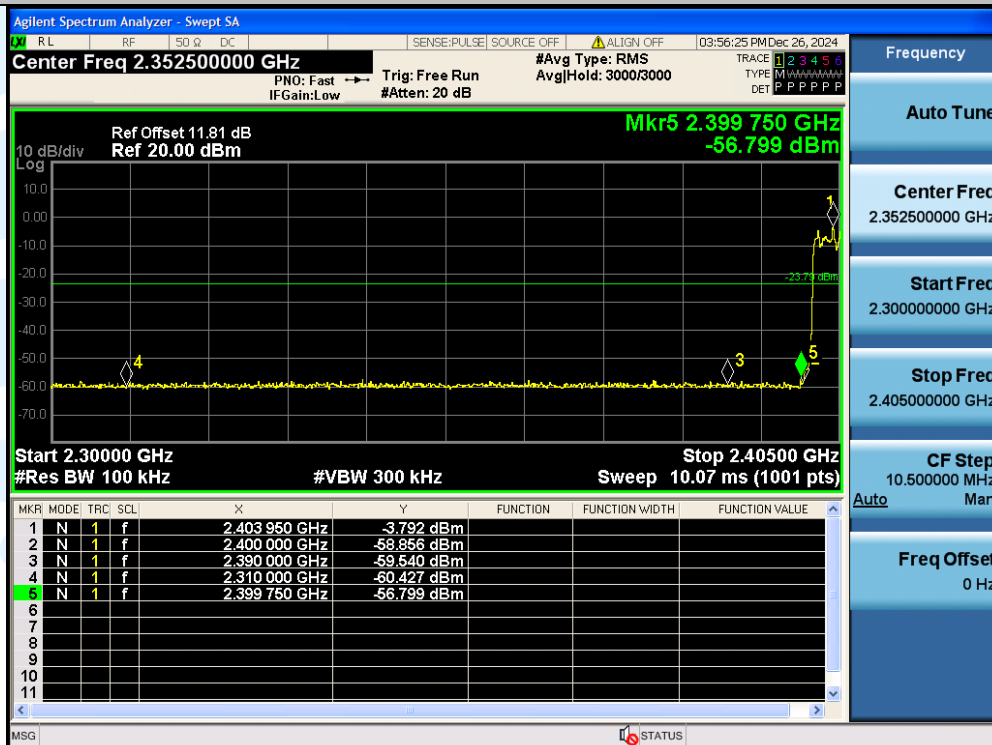
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3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

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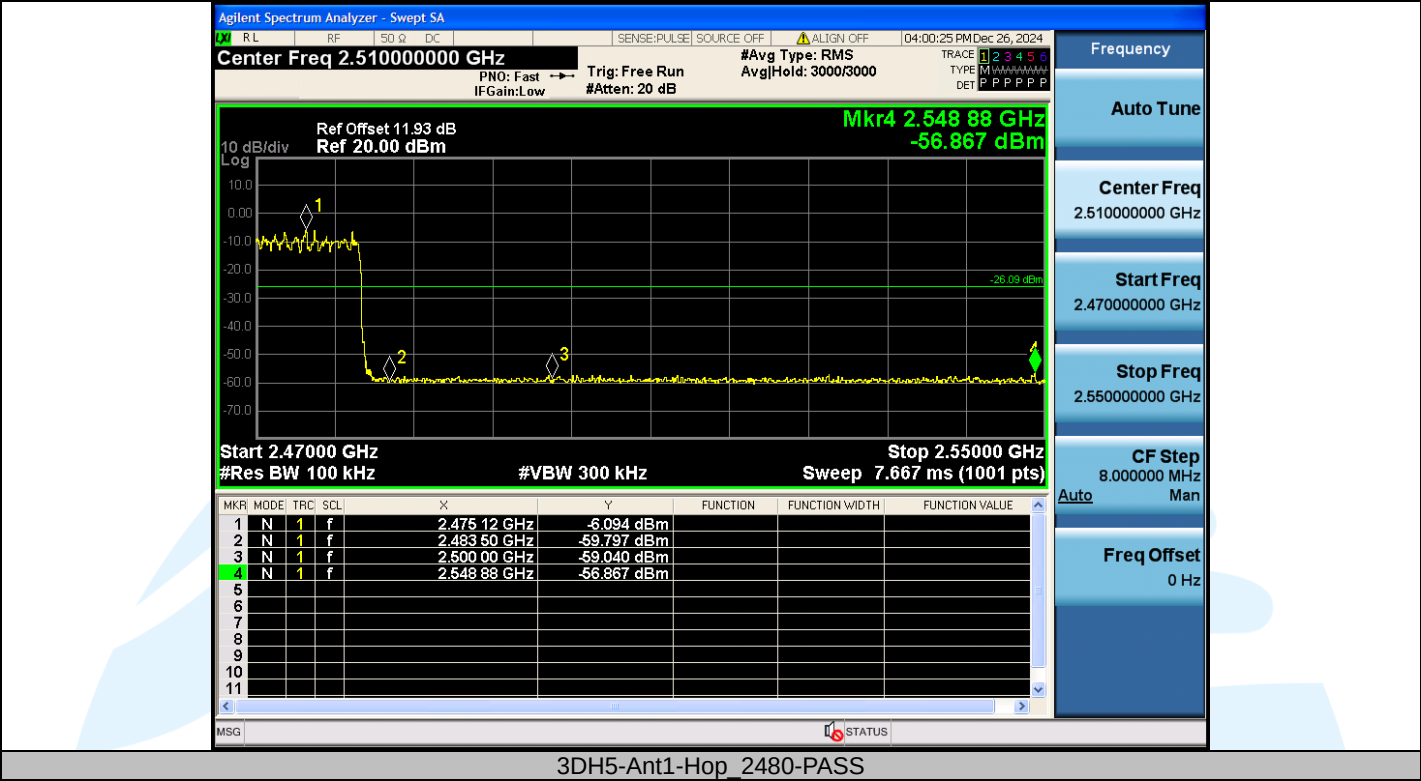
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A.7 CONDUCTED SPURIOUS EMISSION

Left Earbud:

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-6.61	-6.61	---	PASS
DH5	Ant1	2402	30~1000	-6.61	-58.74	≤-26.61	PASS
DH5	Ant1	2402	1000~26500	-6.61	-45.8	≤-26.61	PASS
DH5	Ant1	2441	0~Reference	-8.38	-8.38	---	PASS
DH5	Ant1	2441	30~1000	-8.38	-59.01	≤-28.38	PASS
DH5	Ant1	2441	1000~26500	-8.38	-47.03	≤-28.38	PASS
DH5	Ant1	2480	0~Reference	-9.22	-9.22	---	PASS
DH5	Ant1	2480	30~1000	-9.22	-58.74	≤-29.22	PASS
DH5	Ant1	2480	1000~26500	-9.22	-47.73	≤-29.22	PASS
2DH5	Ant1	2402	0~Reference	-6.83	-6.83	---	PASS
2DH5	Ant1	2402	30~1000	-6.83	-59.56	≤-26.83	PASS
2DH5	Ant1	2402	1000~26500	-6.83	-46.94	≤-26.83	PASS
2DH5	Ant1	2441	0~Reference	-9.70	-9.70	---	PASS
2DH5	Ant1	2441	30~1000	-9.70	-58.81	≤-29.7	PASS
2DH5	Ant1	2441	1000~26500	-9.70	-47.18	≤-29.7	PASS
2DH5	Ant1	2480	0~Reference	-12.29	-12.29	---	PASS
2DH5	Ant1	2480	30~1000	-12.29	-59.43	≤-32.29	PASS
2DH5	Ant1	2480	1000~26500	-12.29	-48.75	≤-32.29	PASS
3DH5	Ant1	2402	0~Reference	-7.01	-7.01	---	PASS
3DH5	Ant1	2402	30~1000	-7.01	-58.77	≤-27.01	PASS
3DH5	Ant1	2402	1000~26500	-7.01	-47.36	≤-27.01	PASS
3DH5	Ant1	2441	0~Reference	-11.78	-11.78	---	PASS
3DH5	Ant1	2441	30~1000	-11.78	-58.91	≤-31.78	PASS
3DH5	Ant1	2441	1000~26500	-11.78	-48.66	≤-31.78	PASS
3DH5	Ant1	2480	0~Reference	-9.48	-9.48	---	PASS
3DH5	Ant1	2480	30~1000	-9.48	-58.86	≤-29.48	PASS
3DH5	Ant1	2480	1000~26500	-9.48	-49.07	≤-29.48	PASS

Test Graphs



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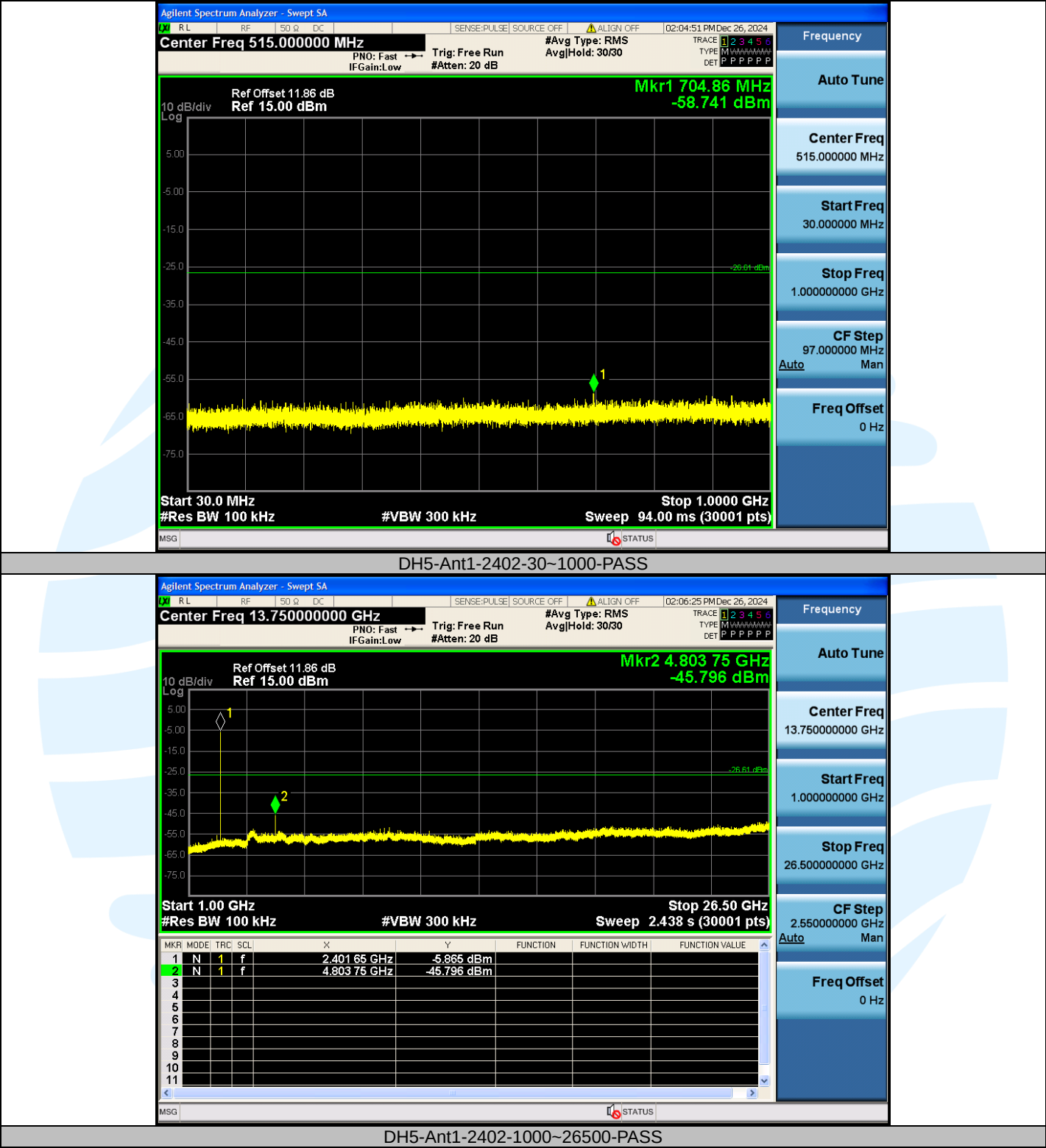
Tel: +86-755-28230888

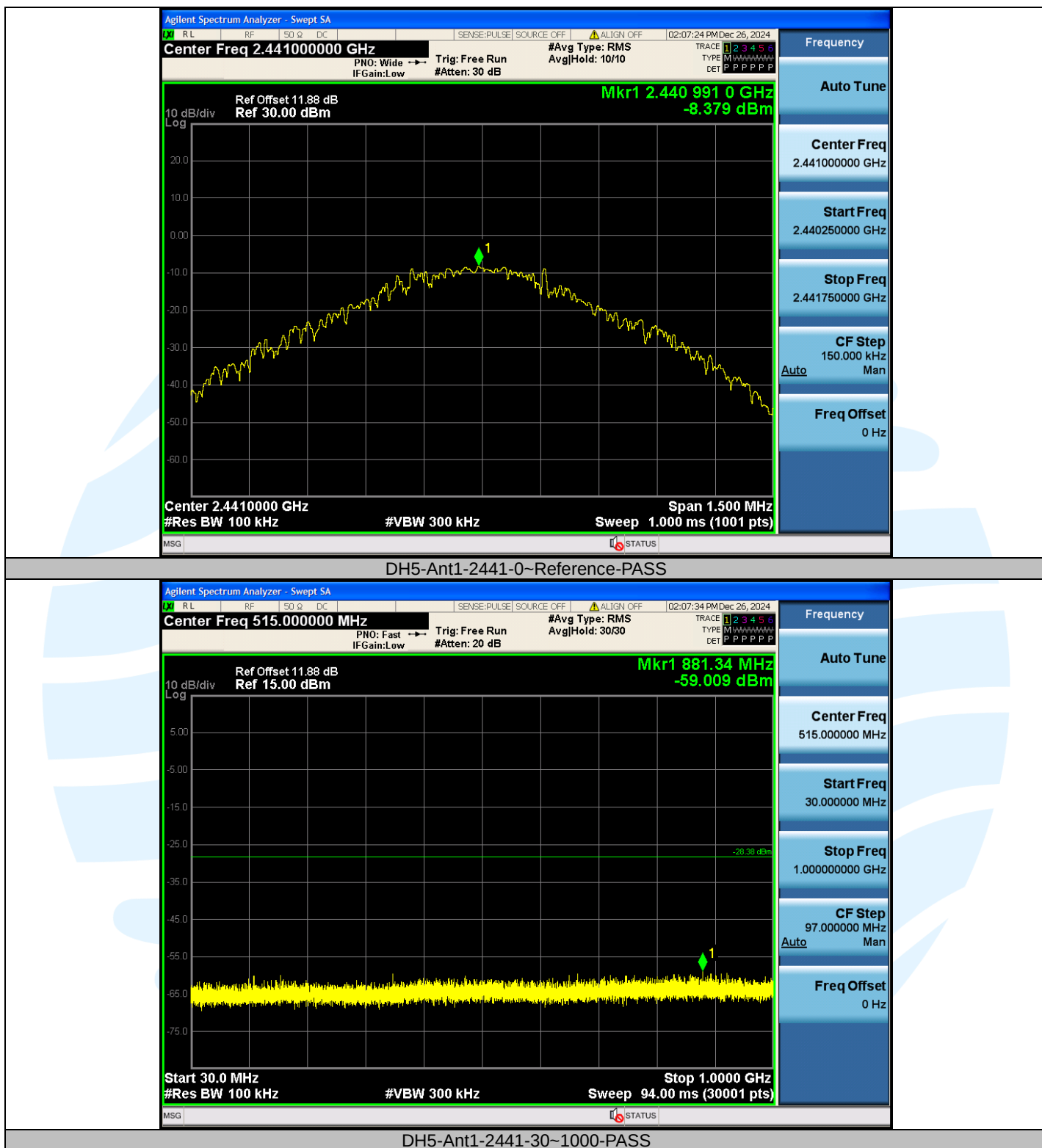
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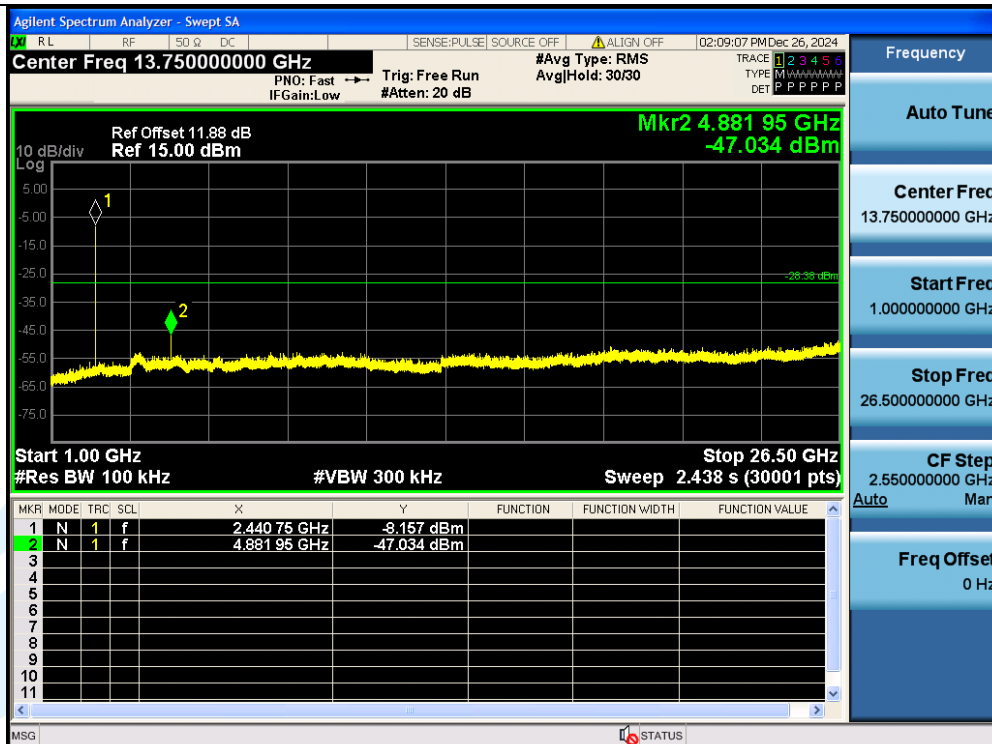
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DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS

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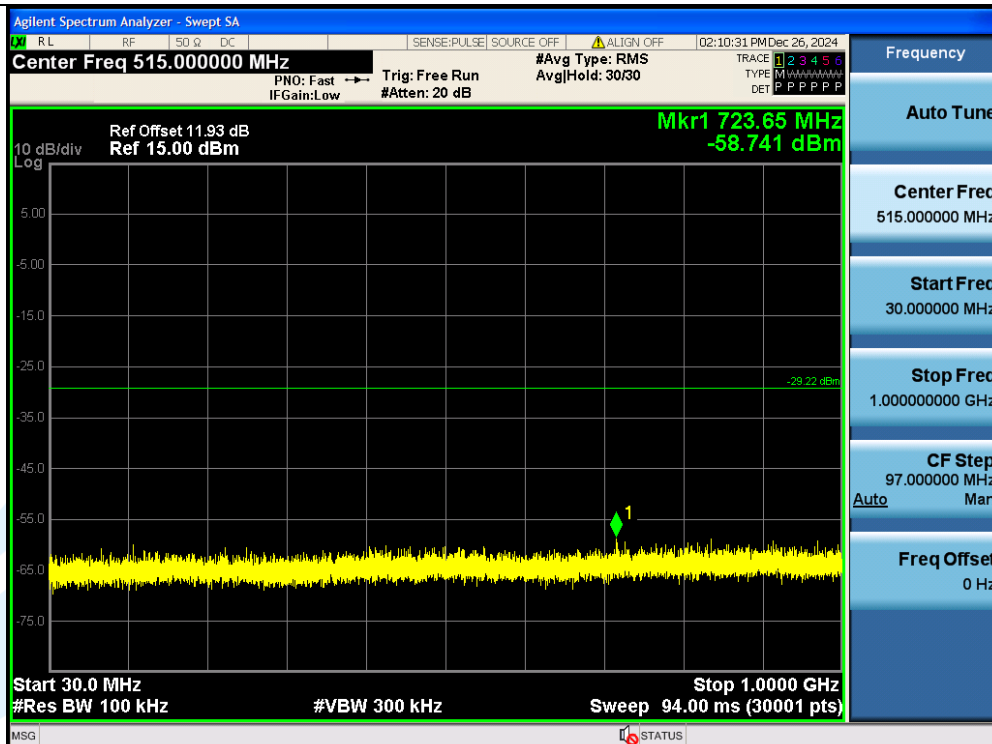
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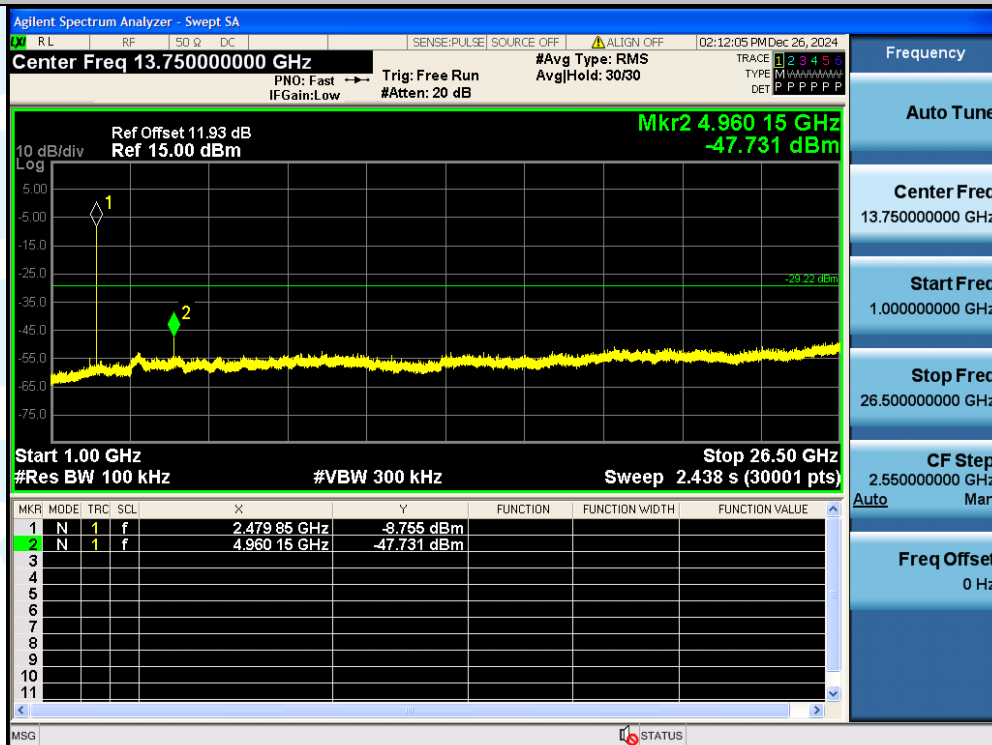
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DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS

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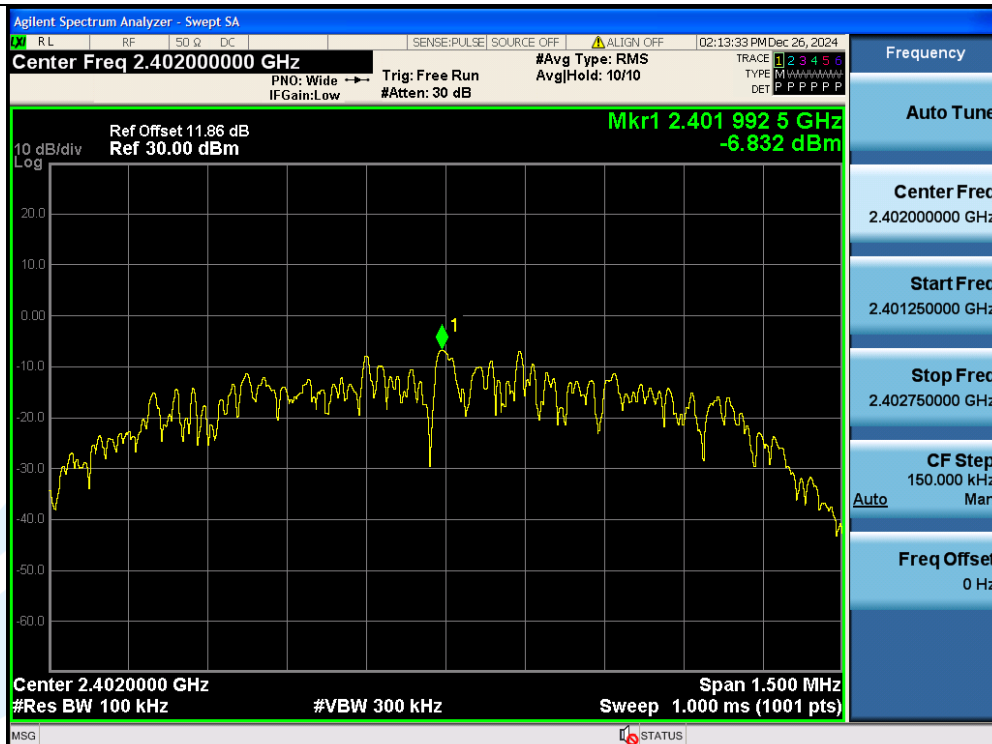
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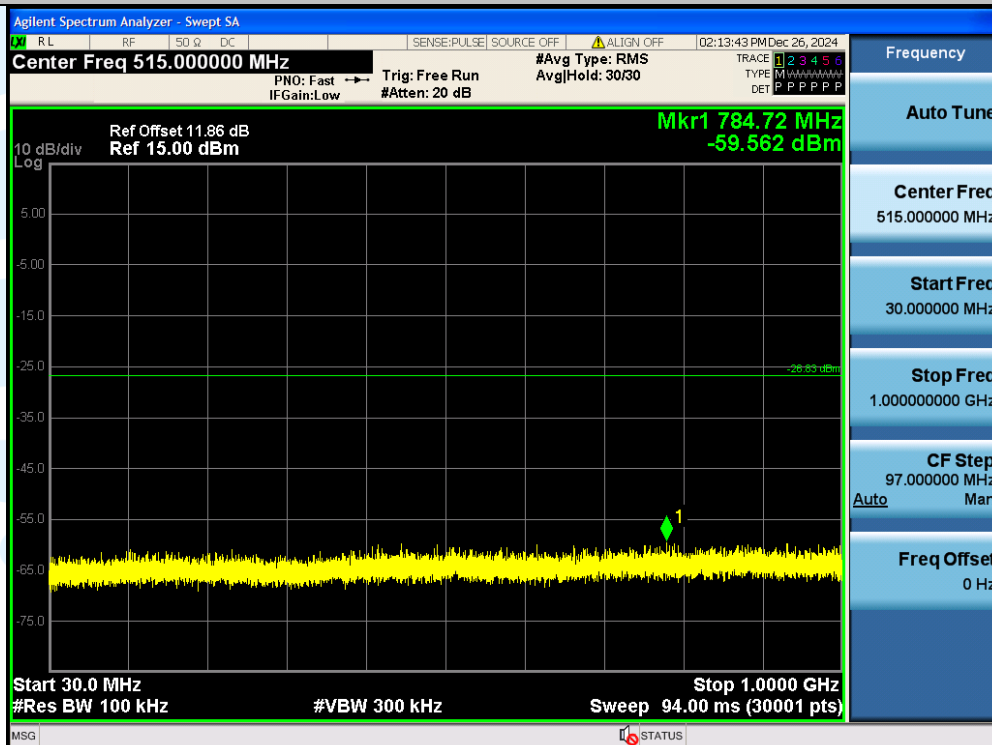
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2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS

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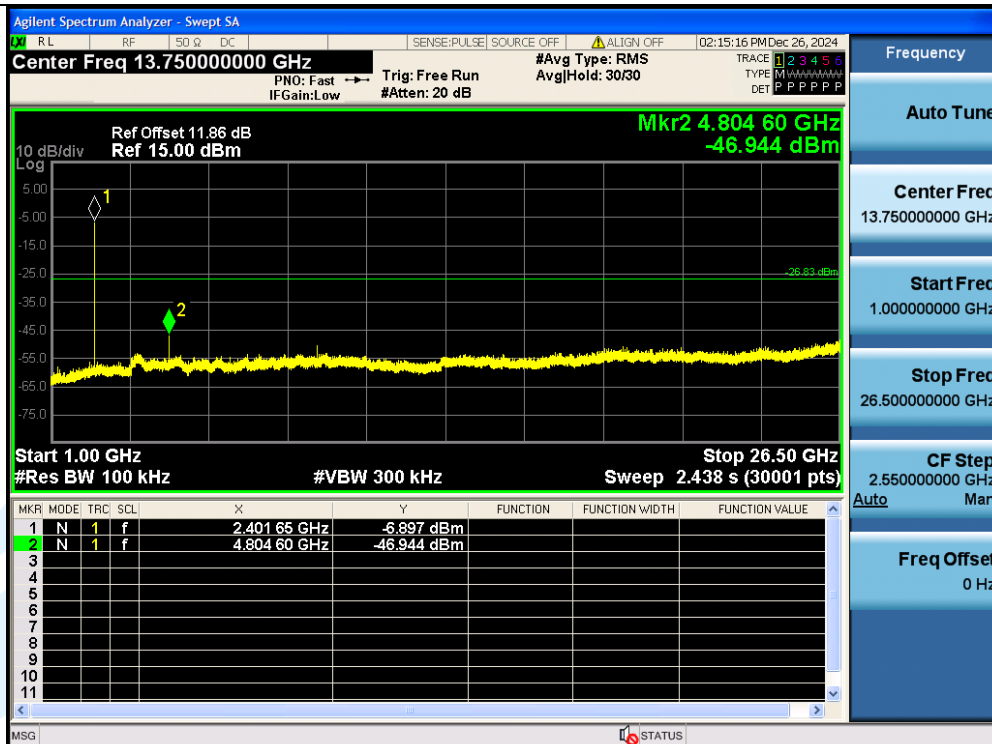
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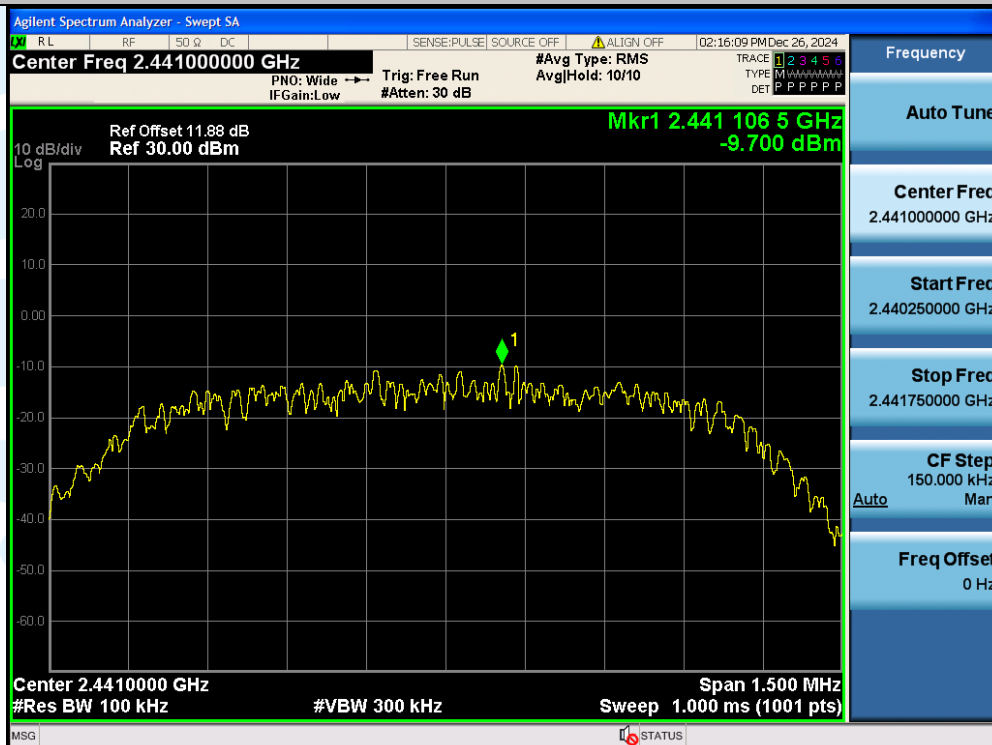
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2DH5-Ant1-2402-1000~26500-PASS



2DH5-Ant1-2441-0~Reference-PASS

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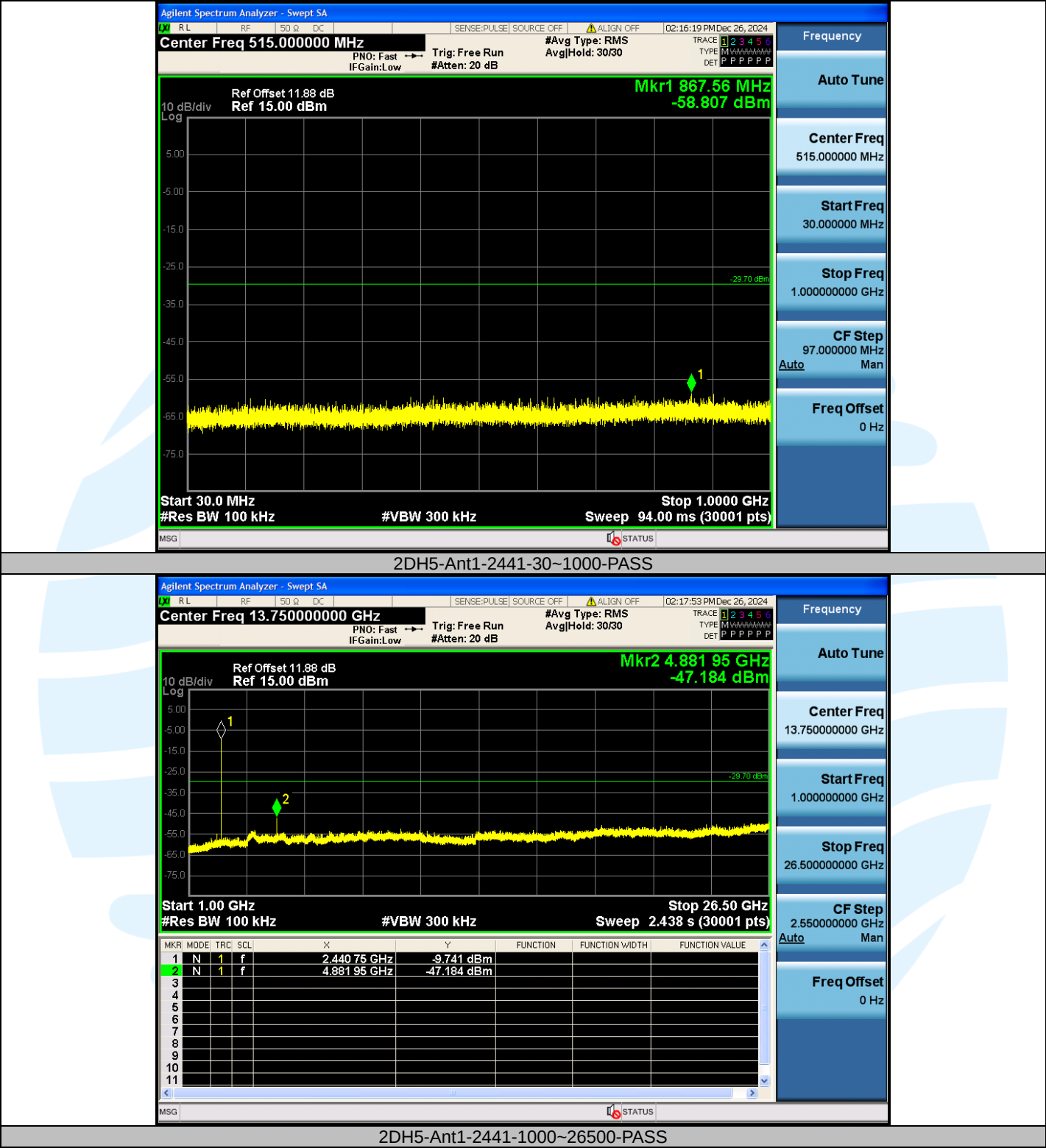
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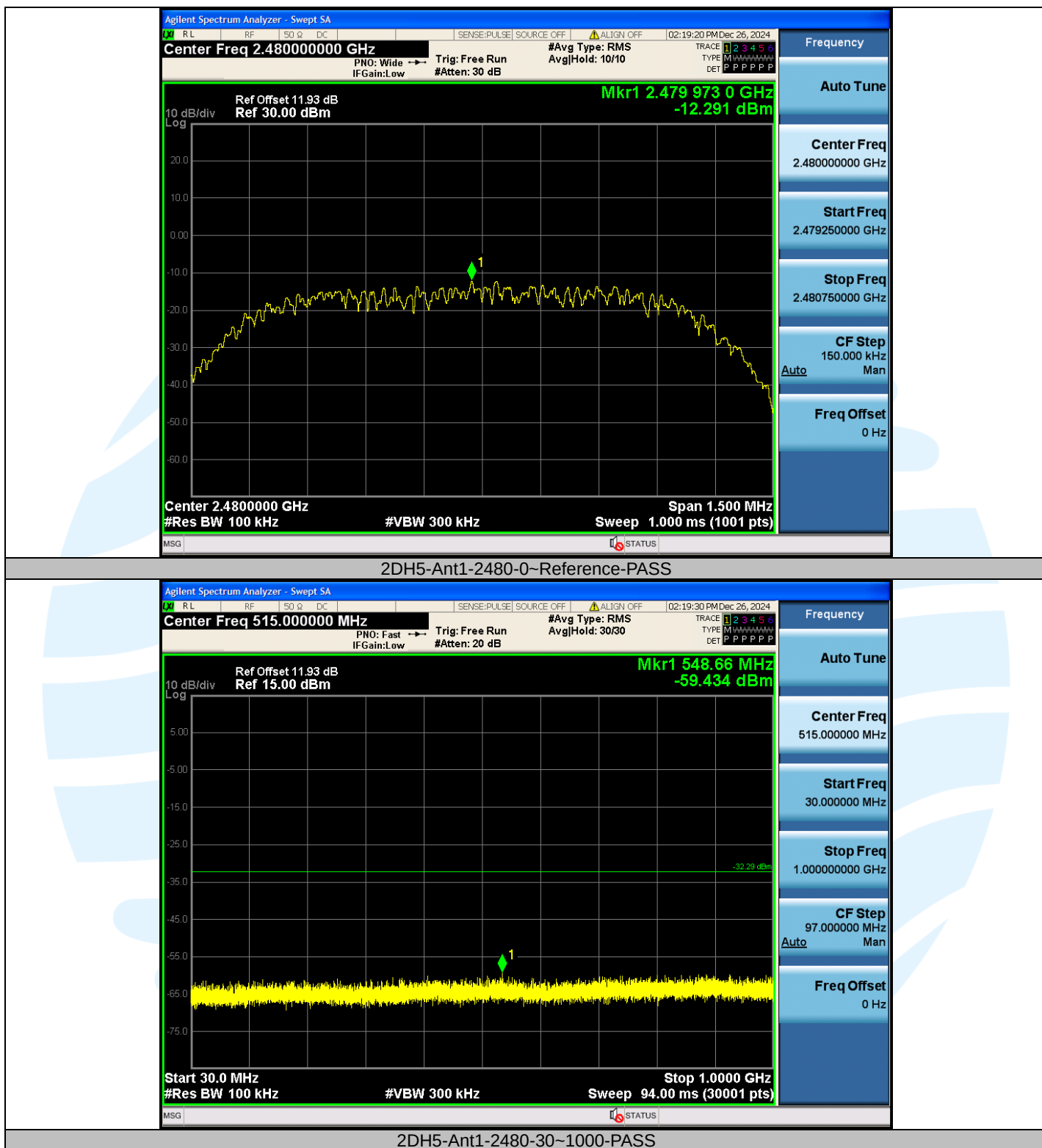
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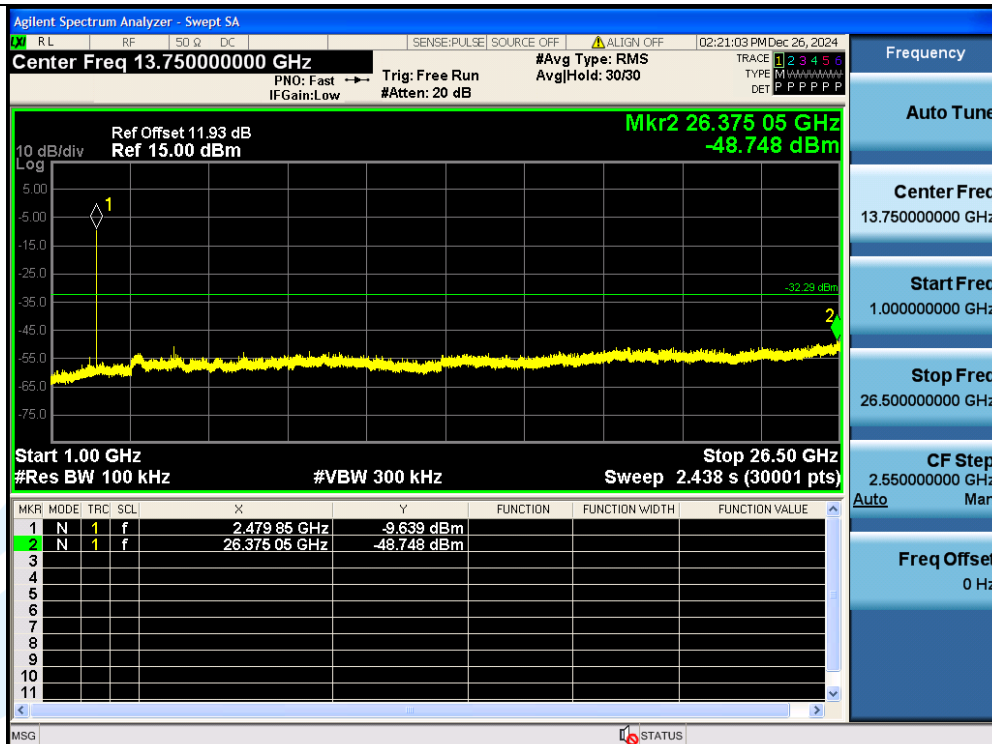
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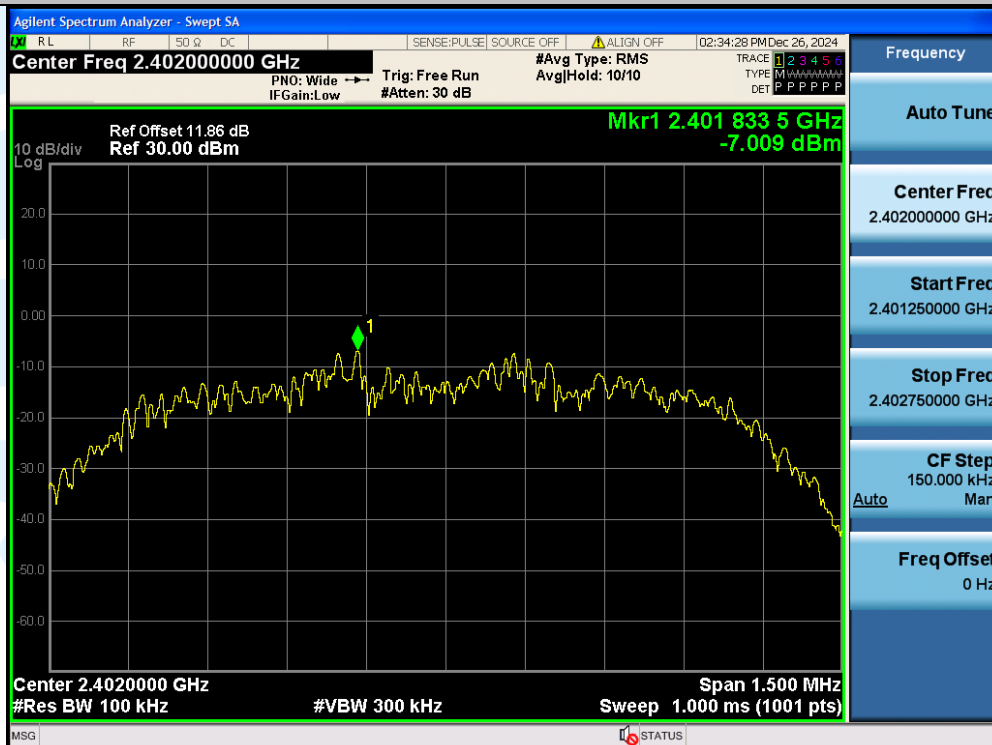
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2DH5-Ant1-2480-1000~26500-PASS



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

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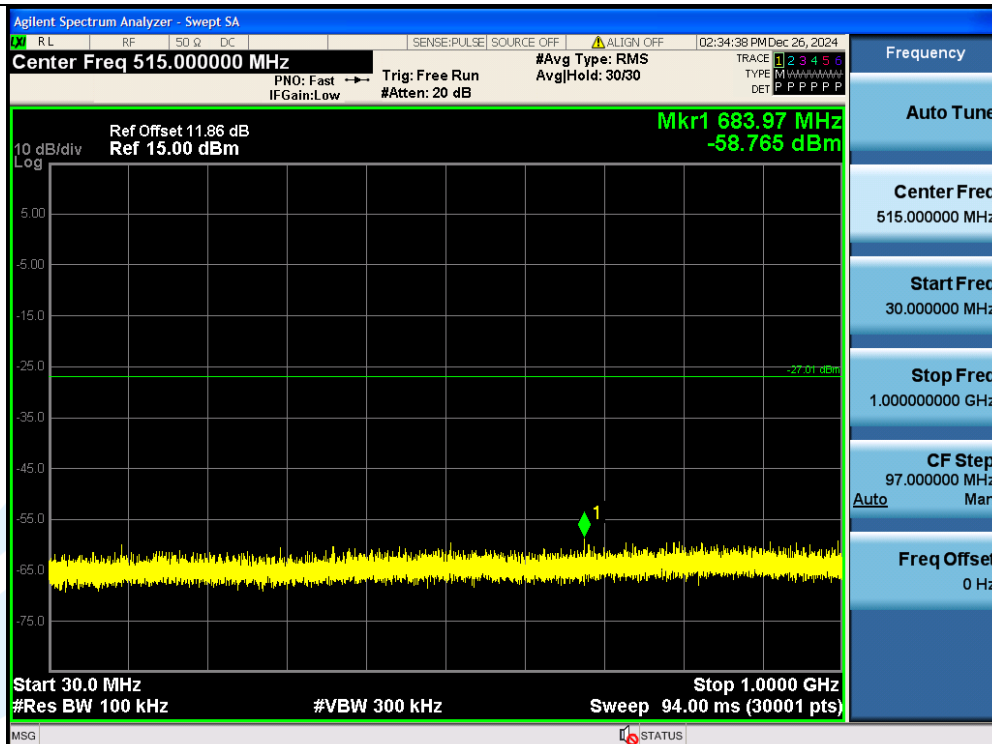
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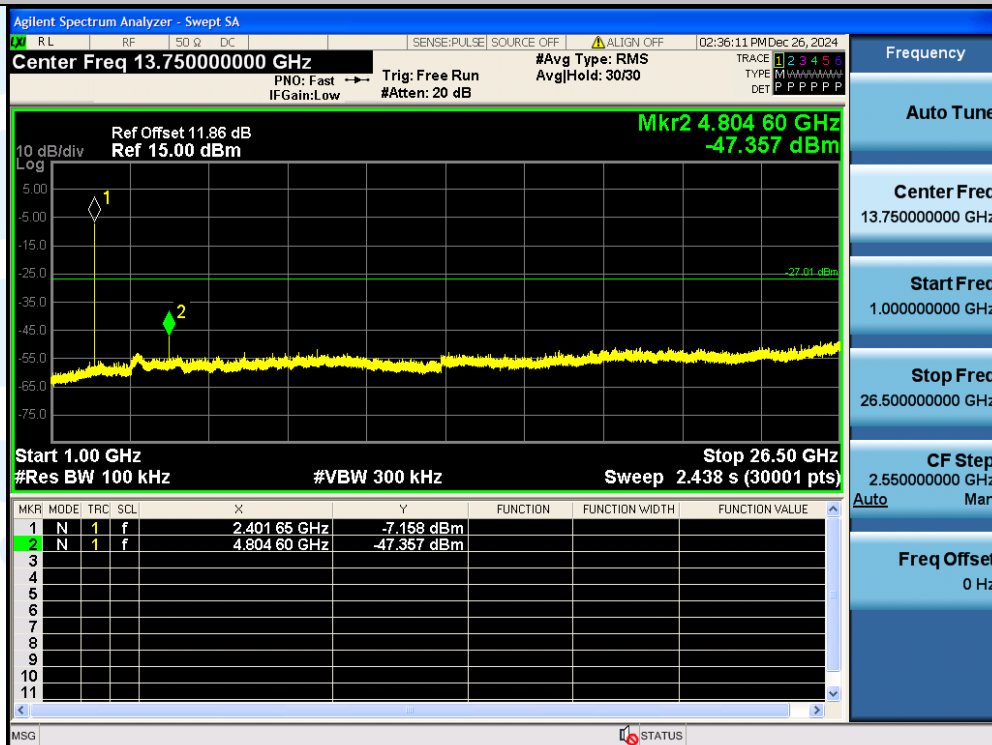
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3DH5-Ant1-2402-30~1000-PASS



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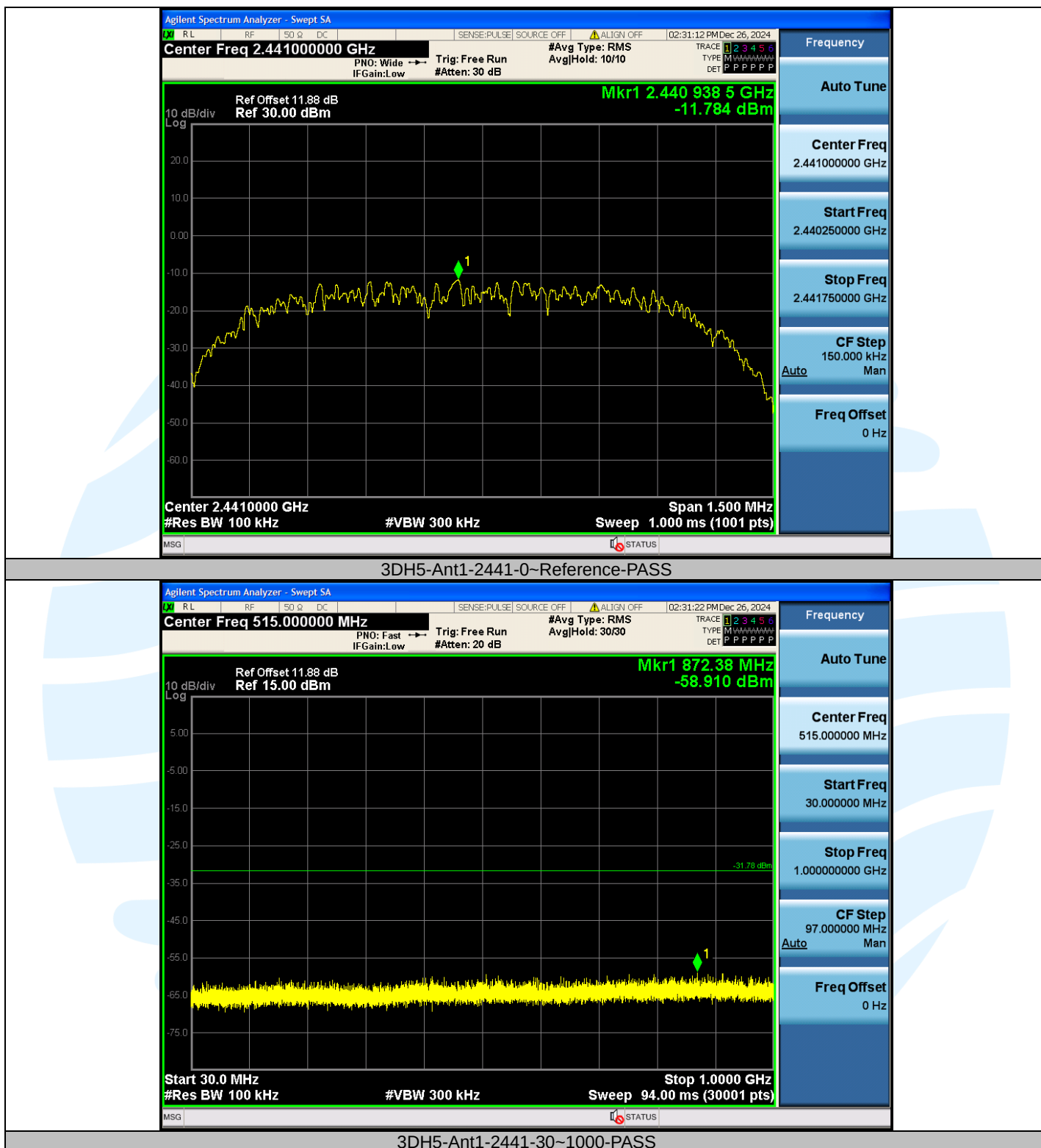
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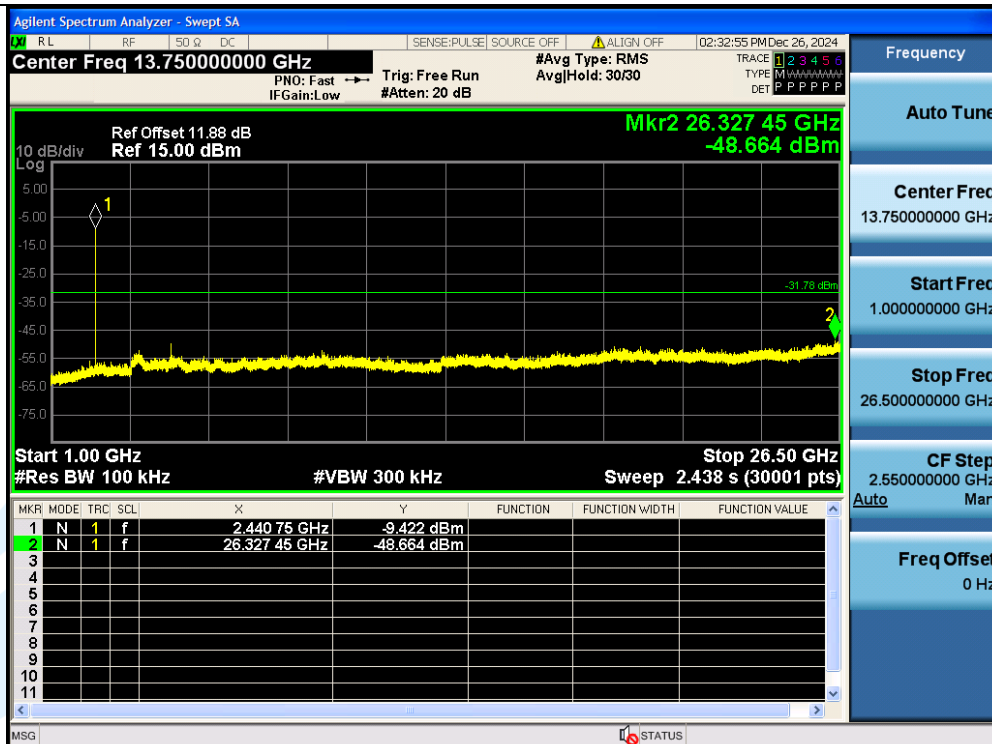
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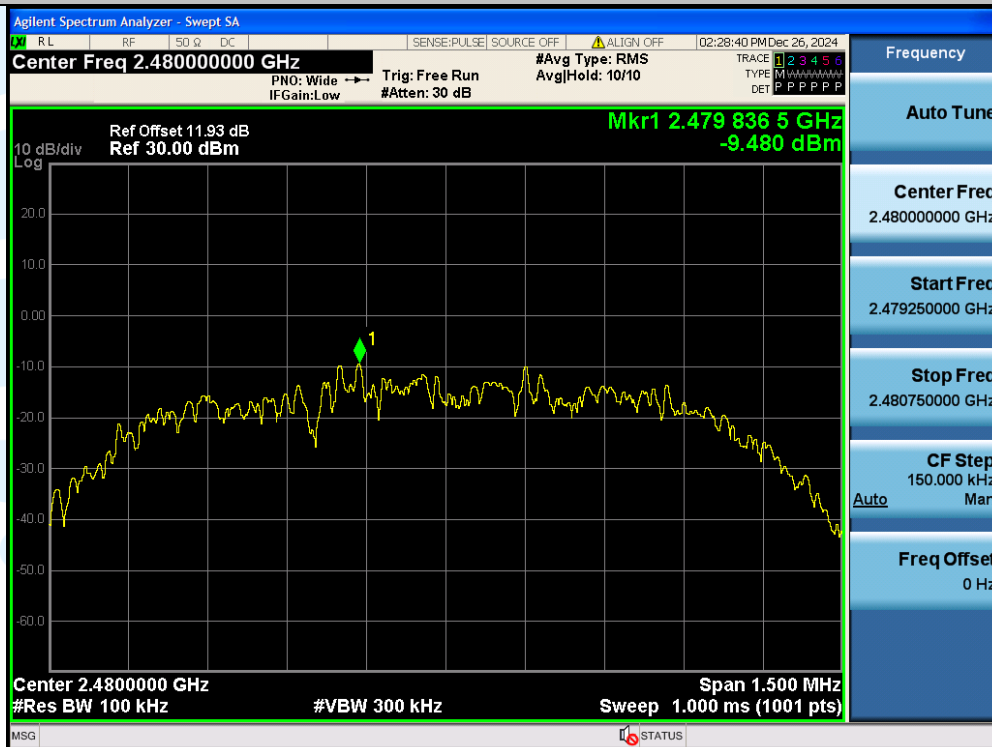
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3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS

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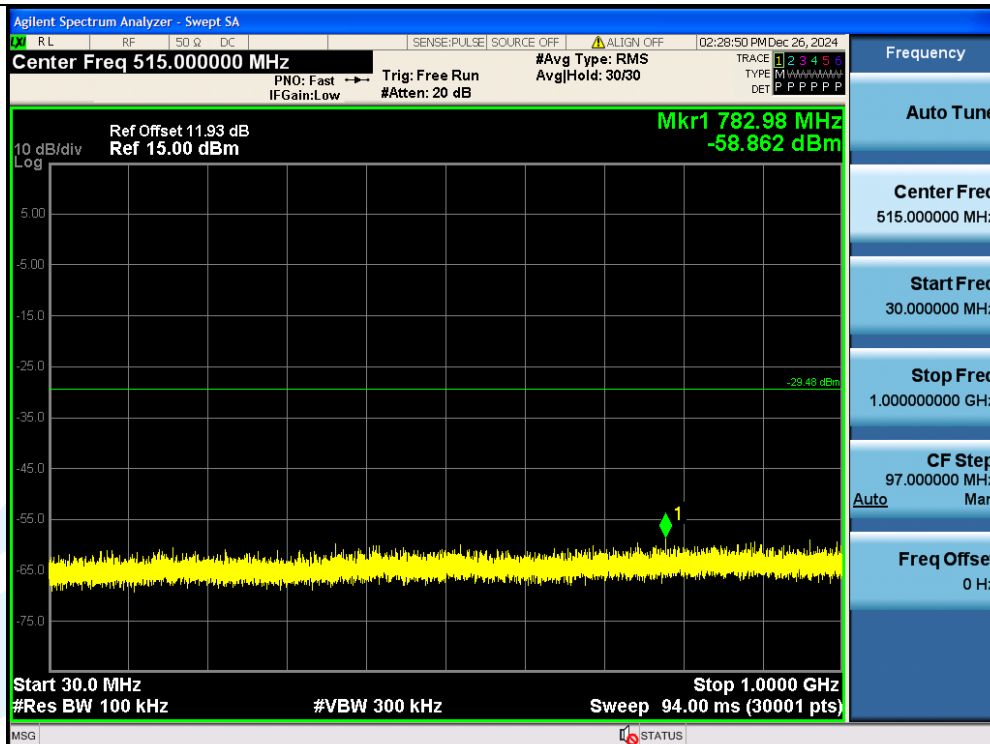
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Fax: +86-755-28230886

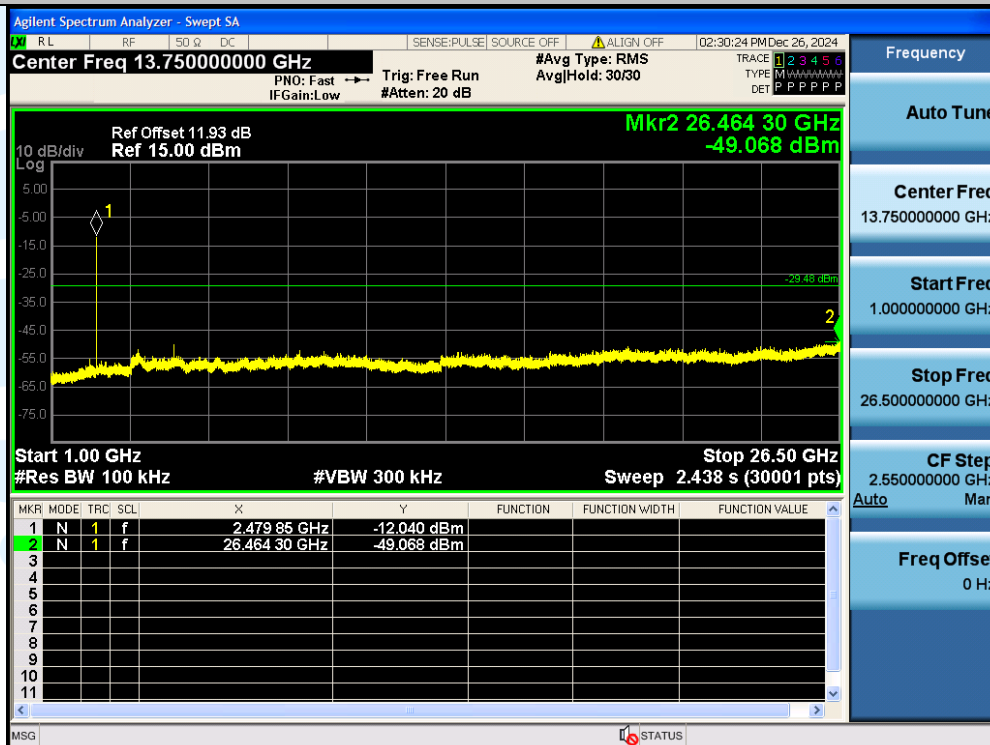
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3DH5-Ant1-2480-30~1000-PASS



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

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Right Earbud:

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-3.56	-3.56	---	PASS
DH5	Ant1	2402	30~1000	-3.56	-59.13	≤-23.56	PASS
DH5	Ant1	2402	1000~26500	-3.56	-40.44	≤-23.56	PASS
DH5	Ant1	2441	0~Reference	-5.86	-5.86	---	PASS
DH5	Ant1	2441	30~1000	-5.86	-59.59	≤-25.86	PASS
DH5	Ant1	2441	1000~26500	-5.86	-40.2	≤-25.86	PASS
DH5	Ant1	2480	0~Reference	-6.12	-6.12	---	PASS
DH5	Ant1	2480	30~1000	-6.12	-58.99	≤-26.12	PASS
DH5	Ant1	2480	1000~26500	-6.12	-42.48	≤-26.12	PASS
2DH5	Ant1	2402	0~Reference	-3.98	-3.98	---	PASS
2DH5	Ant1	2402	30~1000	-3.98	-58.53	≤-23.98	PASS
2DH5	Ant1	2402	1000~26500	-3.98	-41.28	≤-23.98	PASS
2DH5	Ant1	2441	0~Reference	-5.92	-5.92	---	PASS
2DH5	Ant1	2441	30~1000	-5.92	-59.17	≤-25.92	PASS
2DH5	Ant1	2441	1000~26500	-5.92	-46	≤-25.92	PASS
2DH5	Ant1	2480	0~Reference	-6.32	-6.32	---	PASS
2DH5	Ant1	2480	30~1000	-6.32	-58.37	≤-26.32	PASS
2DH5	Ant1	2480	1000~26500	-6.32	-42.44	≤-26.32	PASS
3DH5	Ant1	2402	0~Reference	-5.11	-5.11	---	PASS
3DH5	Ant1	2402	30~1000	-5.11	-58.34	≤-25.11	PASS
3DH5	Ant1	2402	1000~26500	-5.11	-44.28	≤-25.11	PASS
3DH5	Ant1	2441	0~Reference	-8.70	-8.70	---	PASS
3DH5	Ant1	2441	30~1000	-8.70	-58.71	≤-28.7	PASS
3DH5	Ant1	2441	1000~26500	-8.70	-45.61	≤-28.7	PASS
3DH5	Ant1	2480	0~Reference	-6.20	-6.20	---	PASS
3DH5	Ant1	2480	30~1000	-6.20	-58.6	≤-26.2	PASS
3DH5	Ant1	2480	1000~26500	-6.20	-46.77	≤-26.2	PASS

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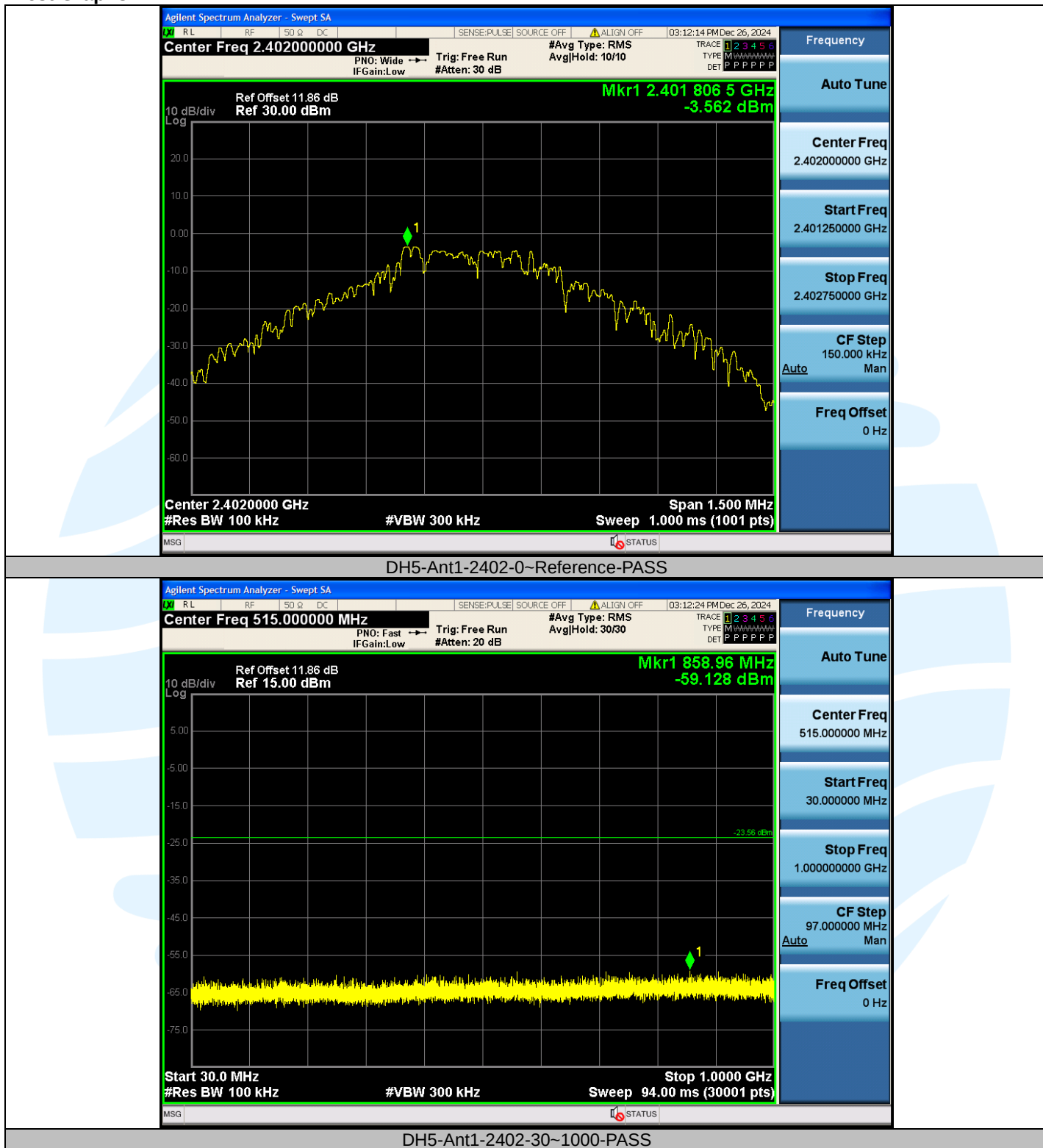
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Test Graphs



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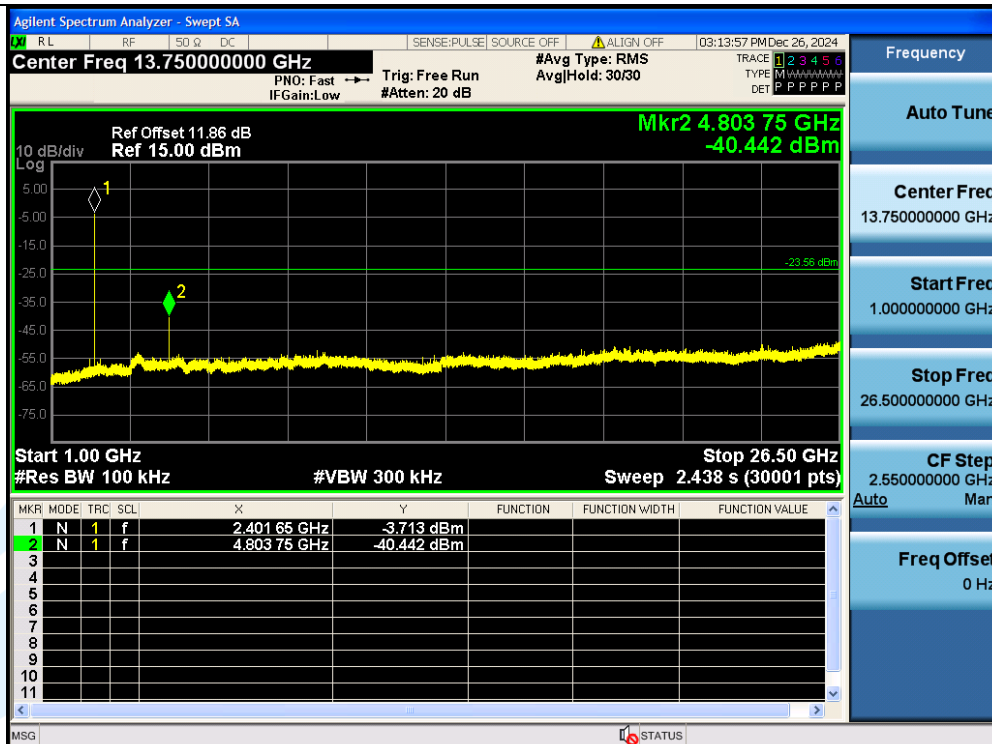
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DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS

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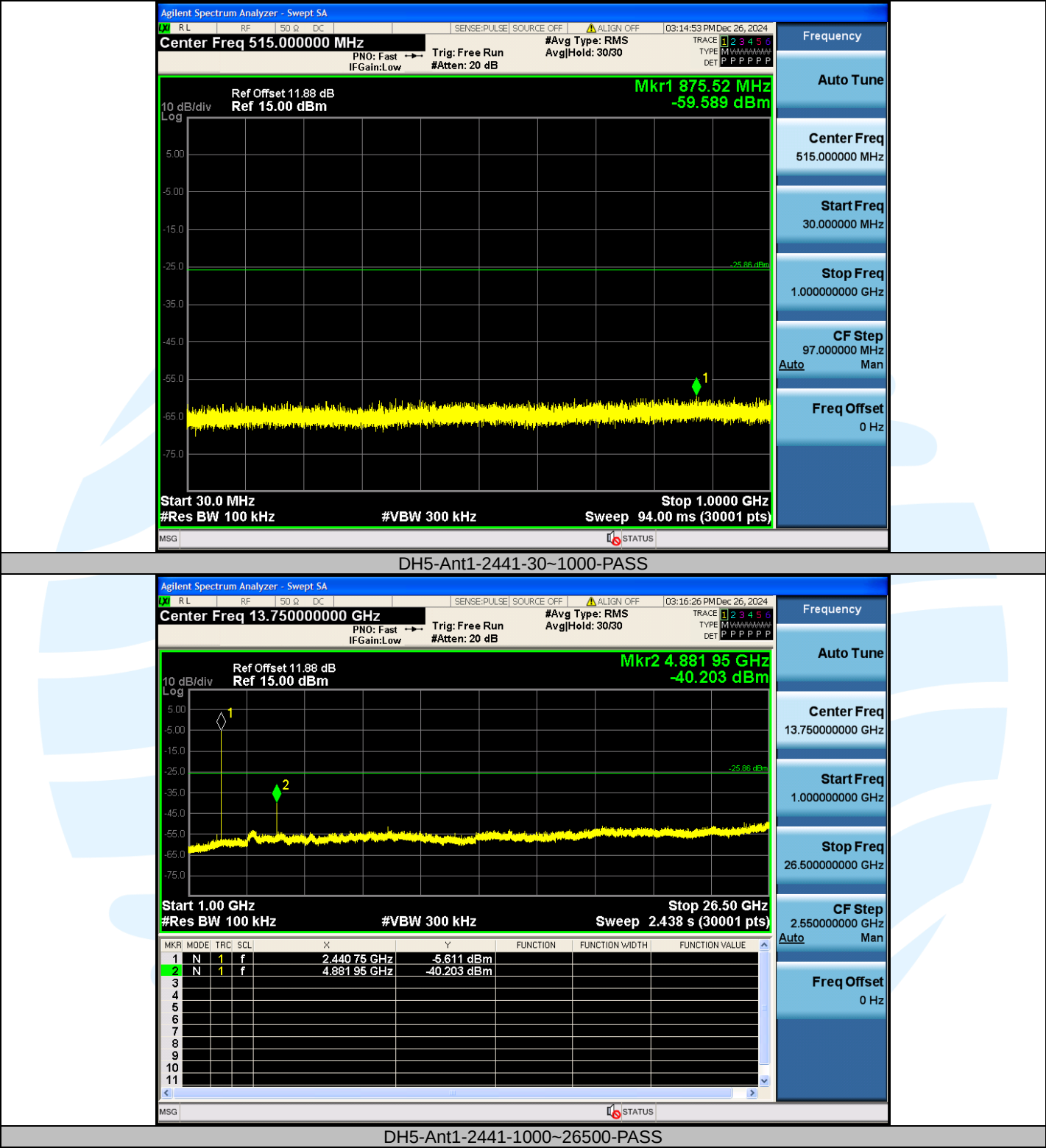
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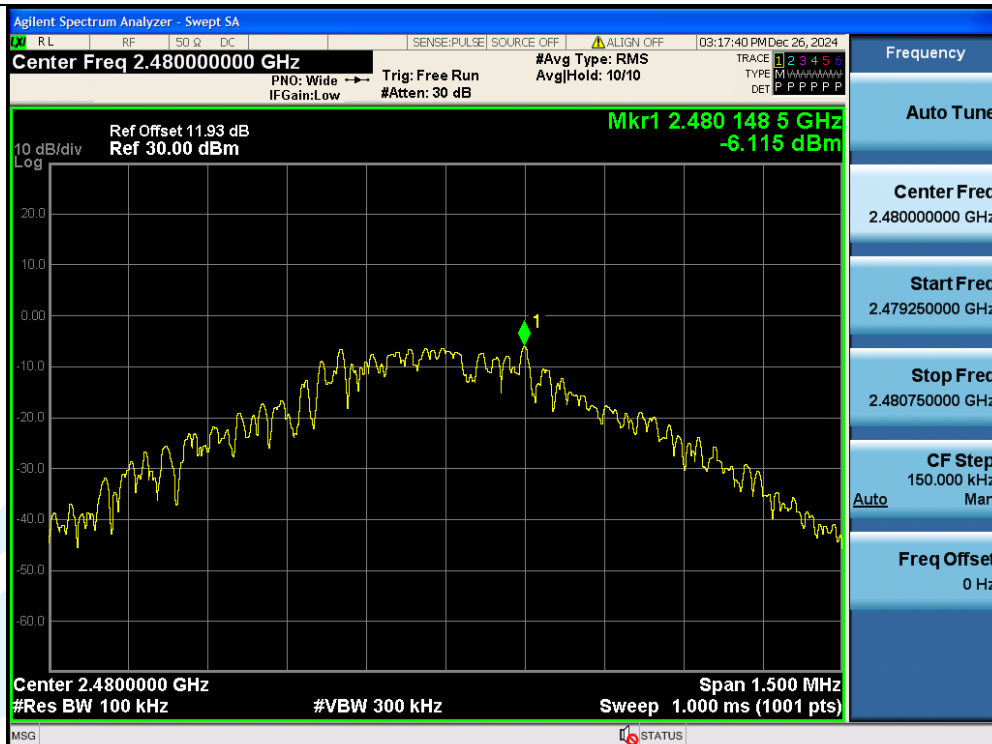
Fax: +86-755-28230886

E-mail: info@uttlab.com

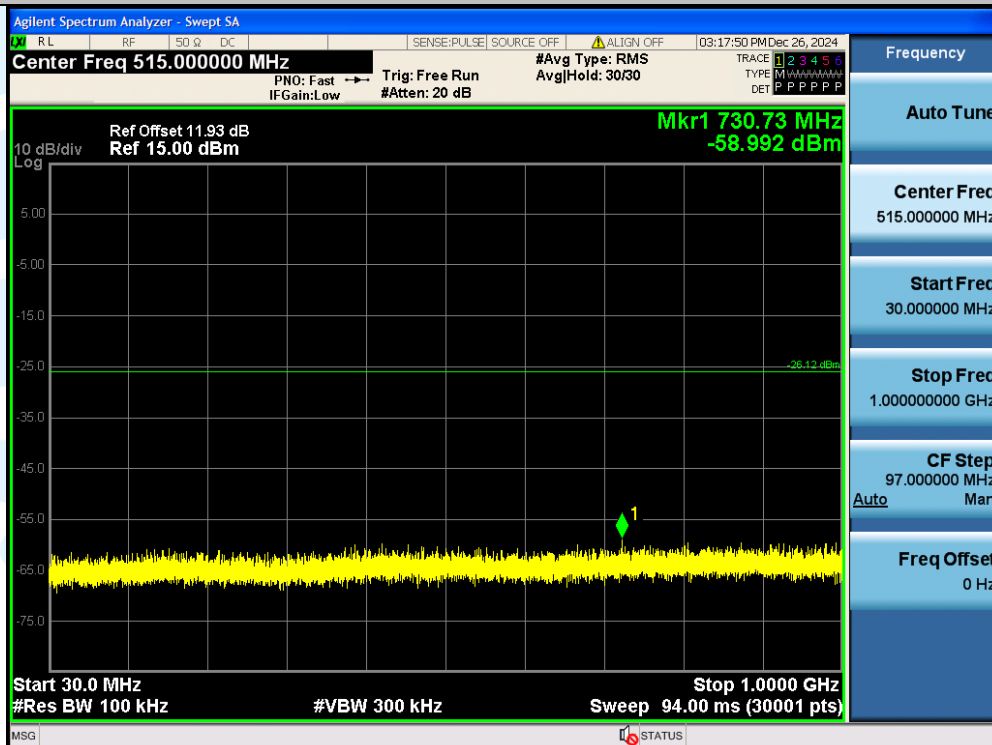
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DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS

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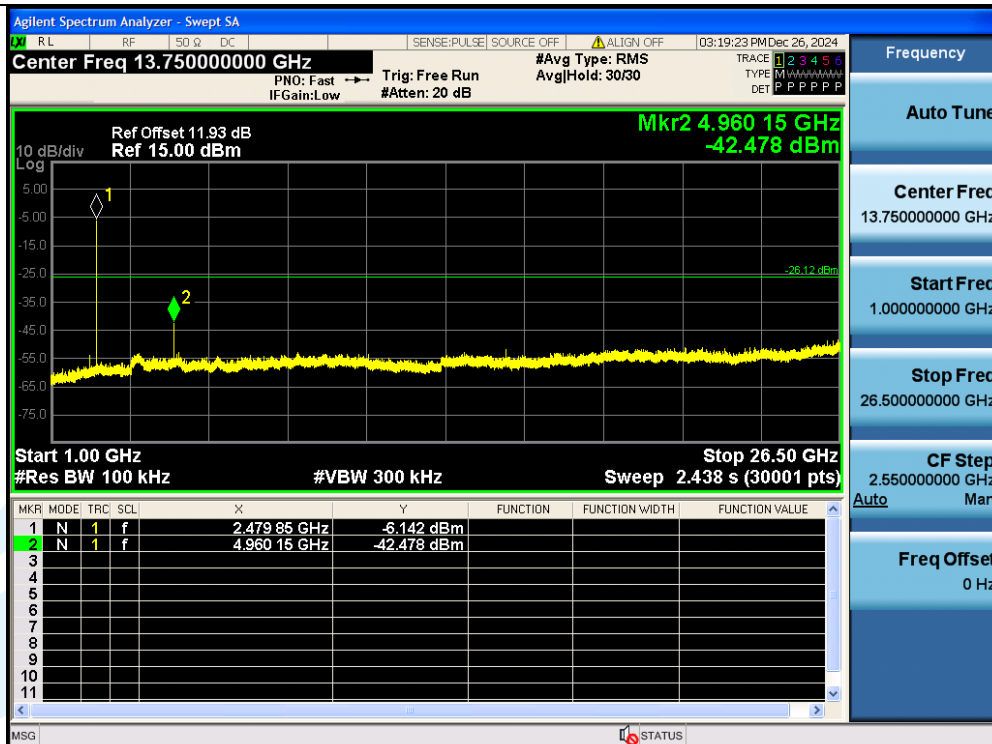
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DH5-Ant1-2480-1000~26500-PASS



2DH5-Ant1-2402-0~Reference-PASS

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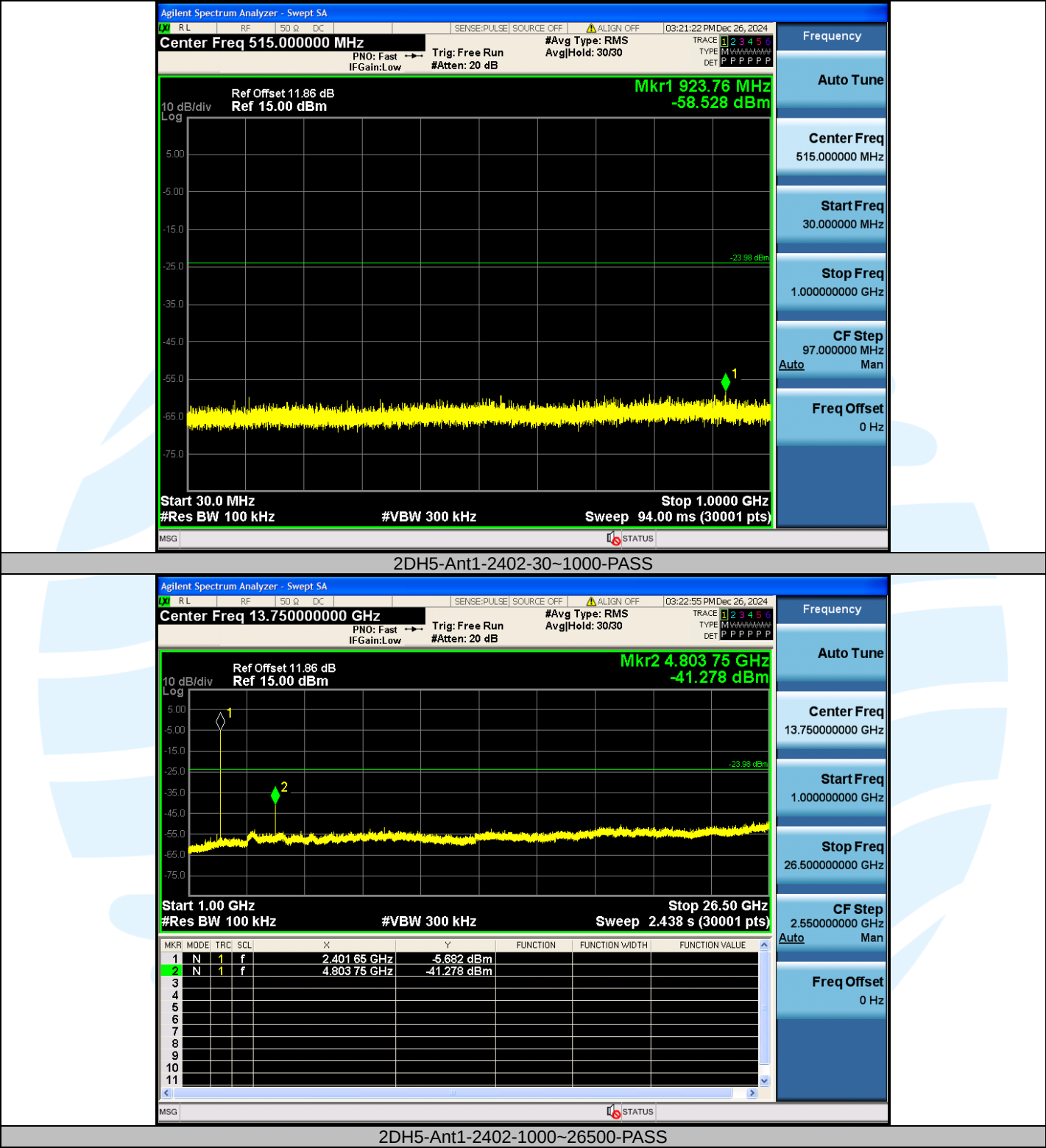
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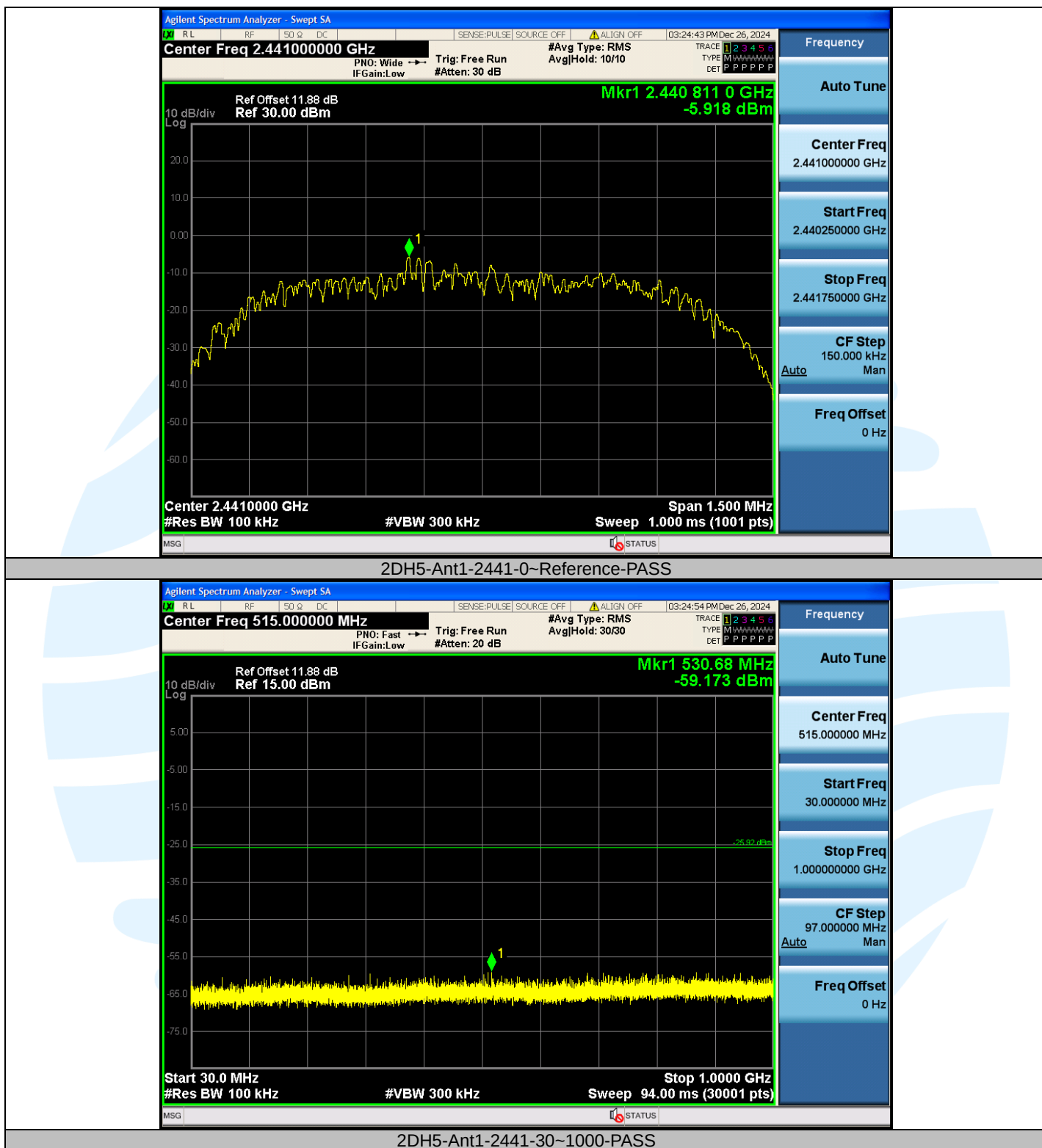
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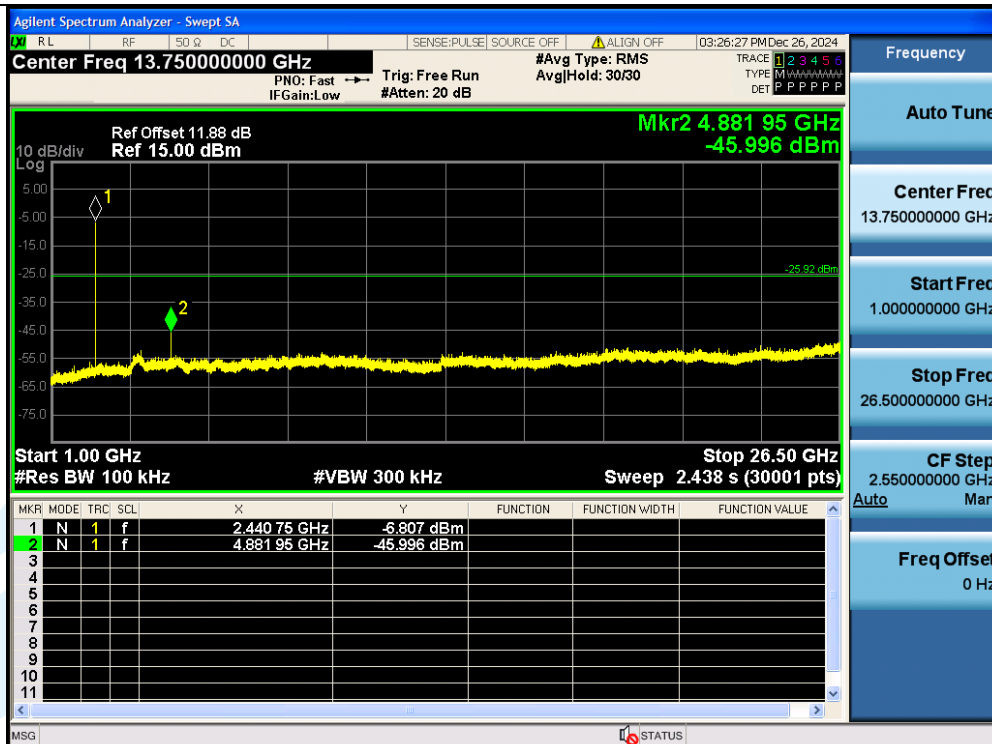
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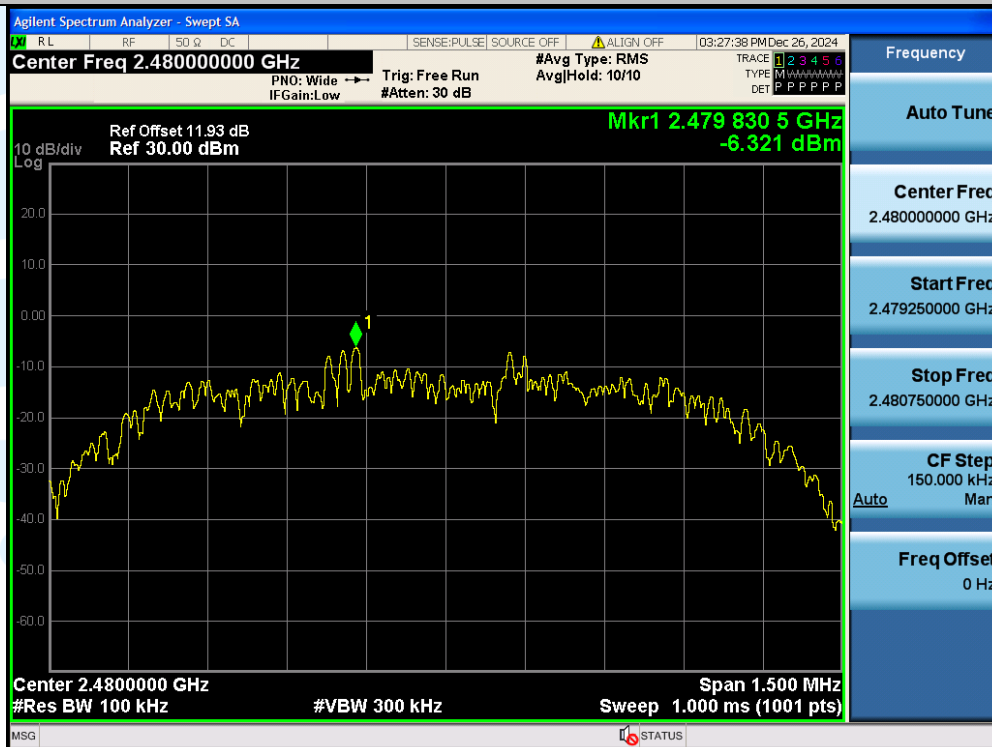
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2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS

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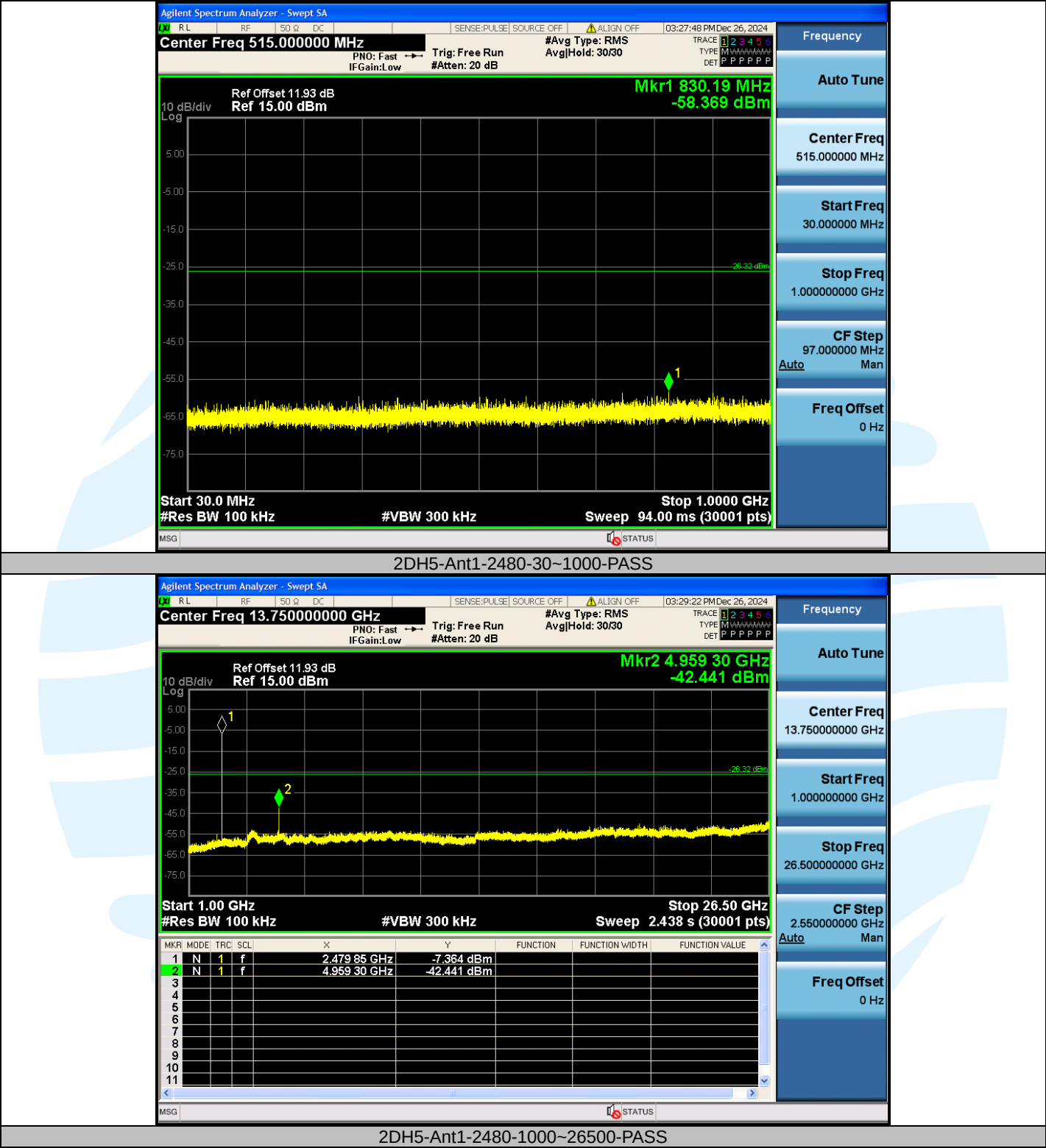
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Agilent Spectrum Analyzer - Swept SA

RL

RF

50 Ω

DC

SENSE:PULSE SOURCE:OFF ALIGN:OFF

03:29:22 PM Dec 26, 2024

Center Freq 13.750000000 GHz

PN0: Fast IFGain:Low

Trig: Free Run #Atten: 20 dB

#Avg Type: RMS AvgHold: 30/30

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET P P P P P P P

Ref Offset 11.93 dB

Ref 15.00 dBm

Mkr2 4.959 30 GHz -42.441 dBm

10 dB/div

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

Stop 26.50 GHz

MSG

STATUS

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.479 85 GHz	-7.364 dBm			
2	N	1	f	4.959 30 GHz	-42.441 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq 13.750000000 GHz

Start Freq 1.000000000 GHz

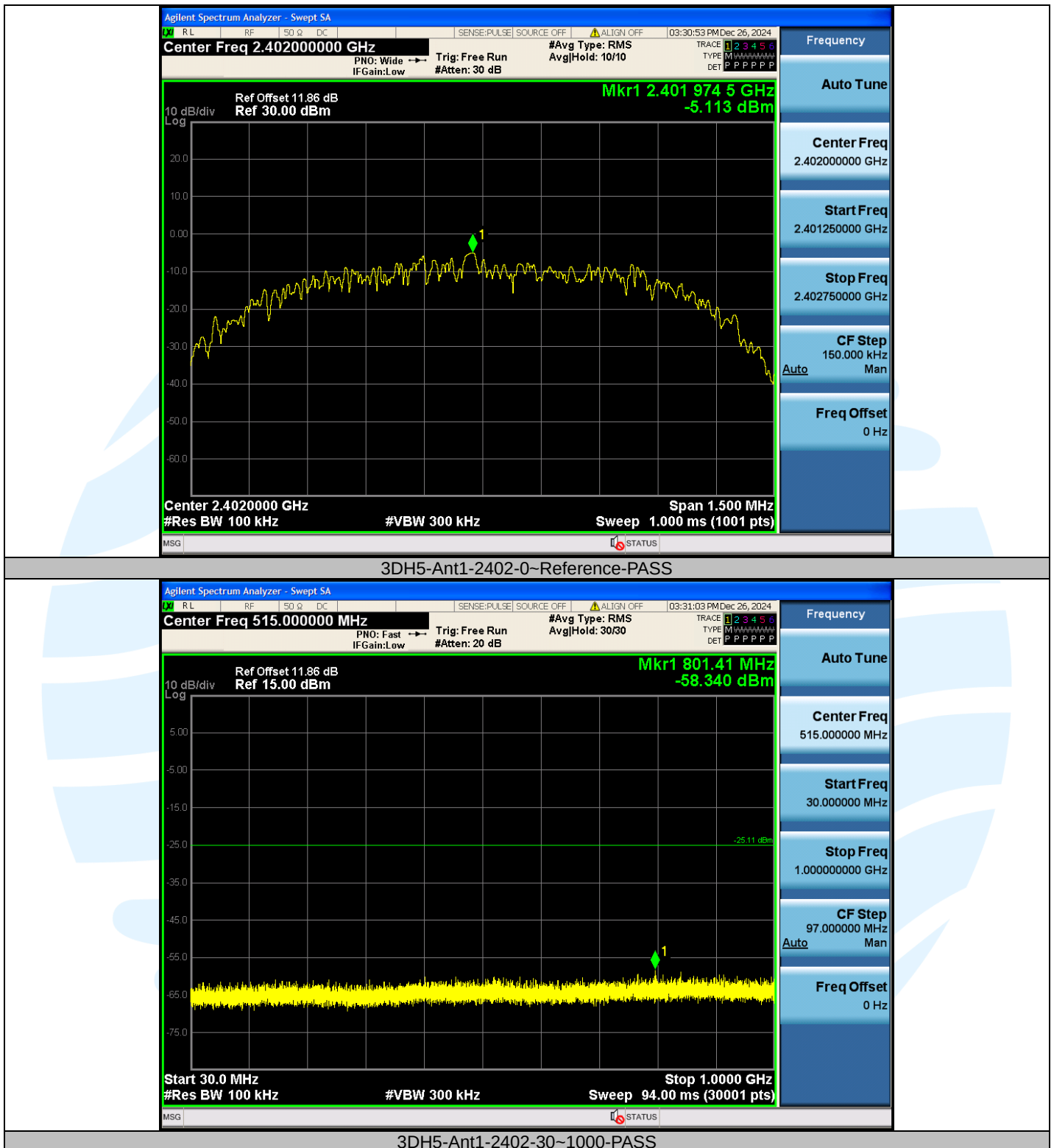
Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto

Freq Offset 0 Hz

2DH5-Ant1-2480-1000~26500-PASS



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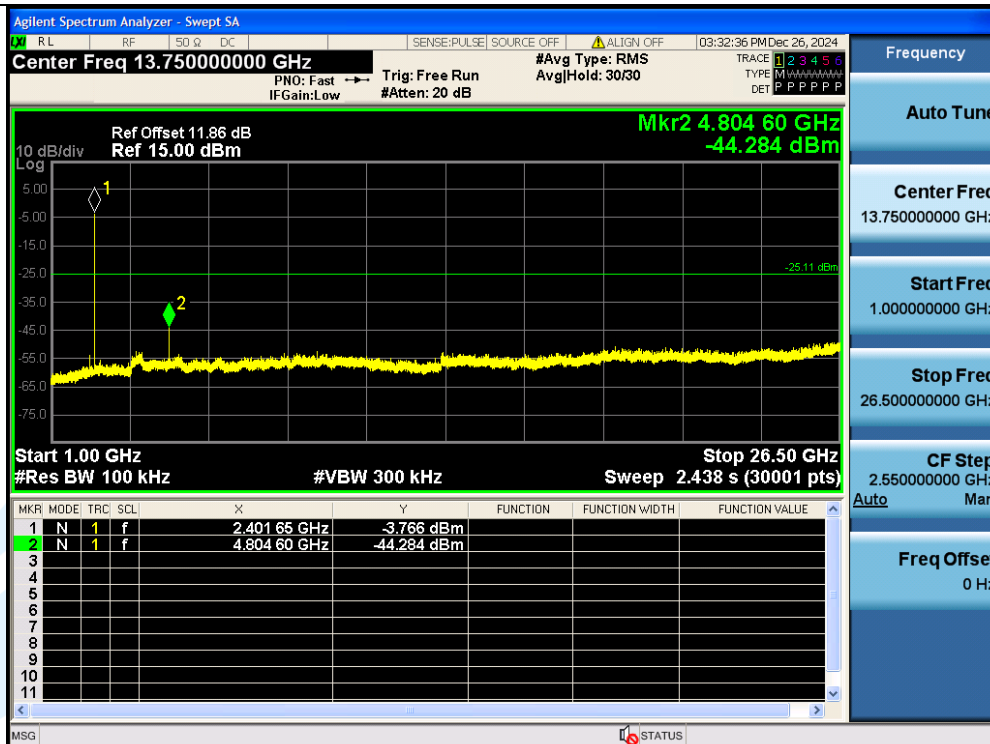
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Fax: +86-755-28230886

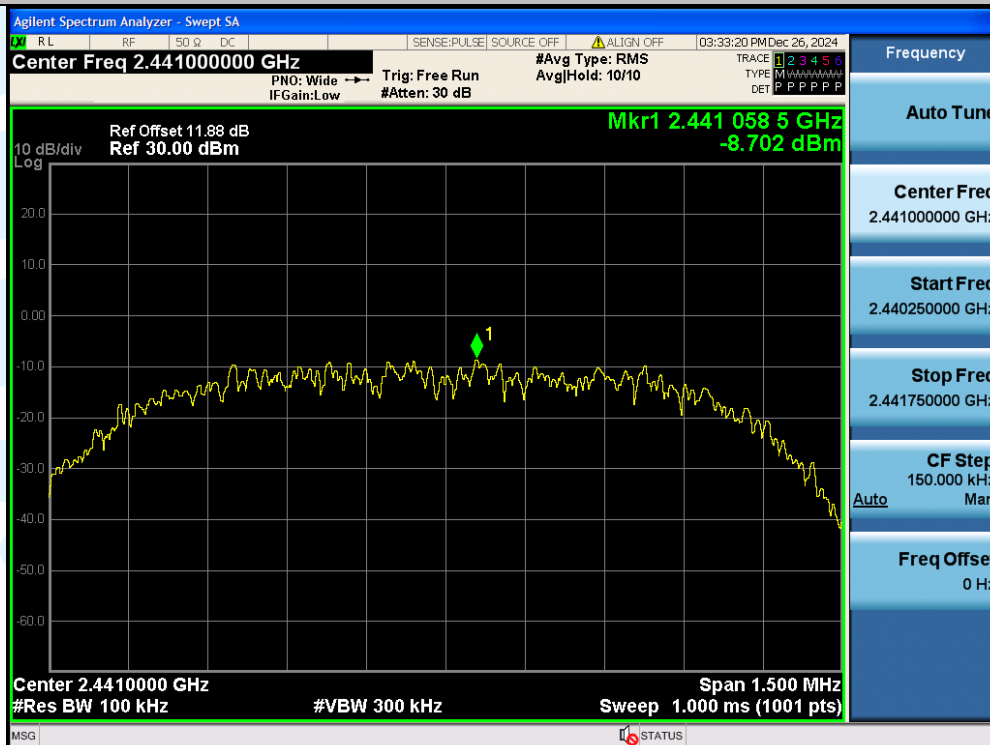
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3DH5-Ant1-2402-1000~26500-PASS



3DH5-Ant1-2441-0~Reference-PASS

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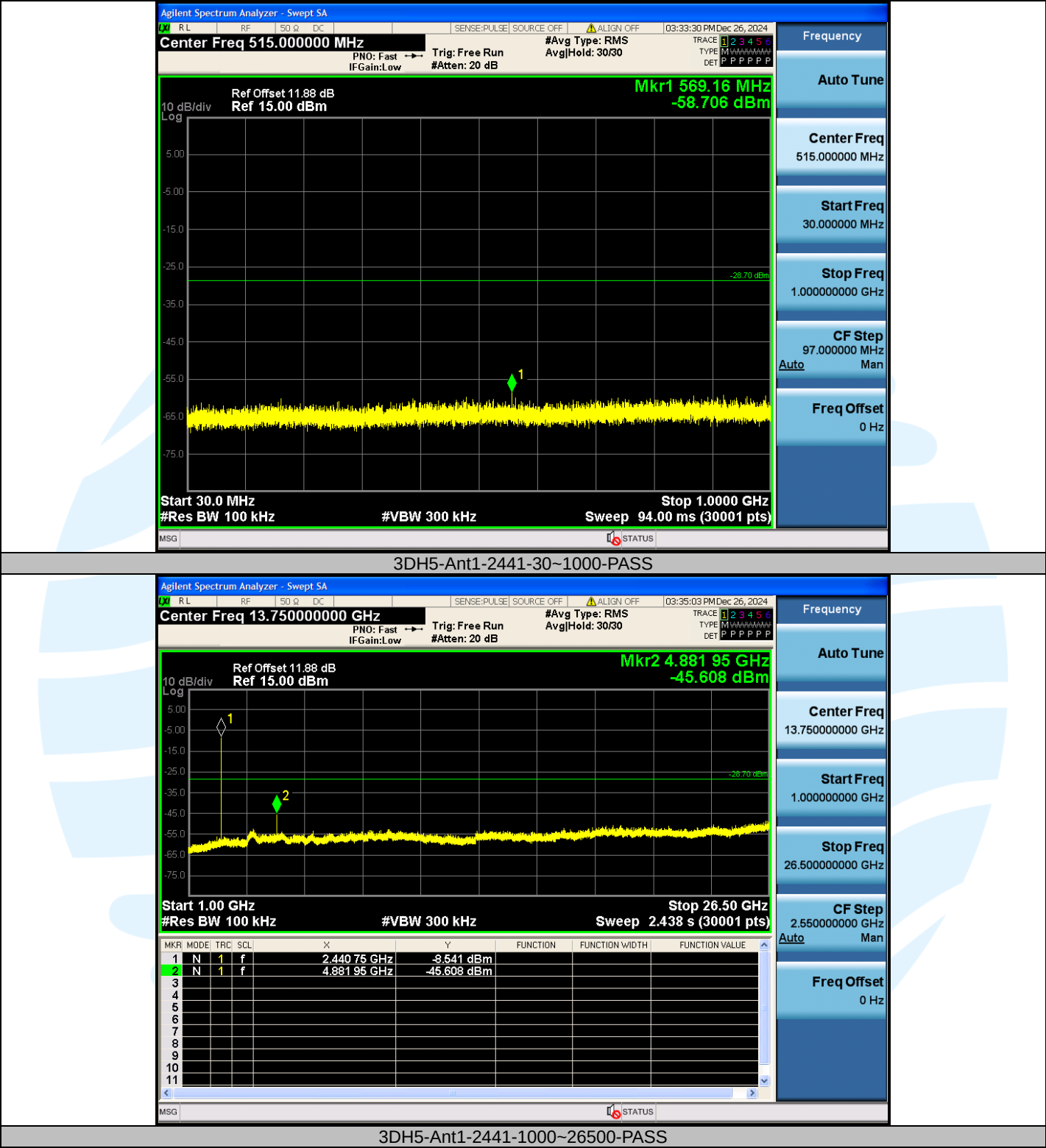
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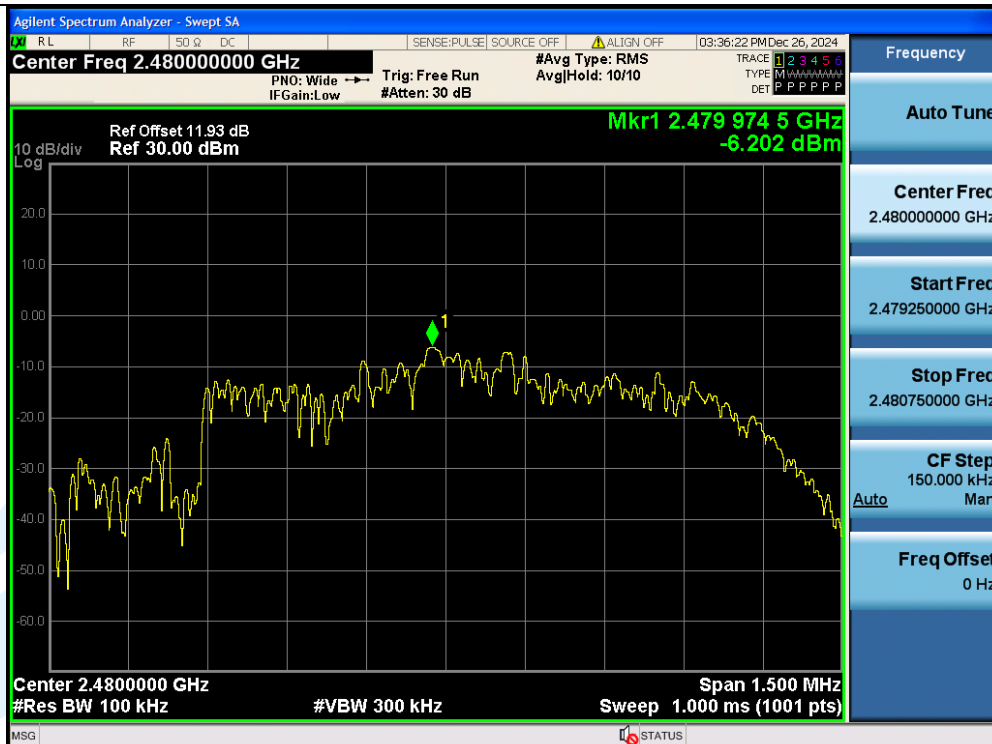
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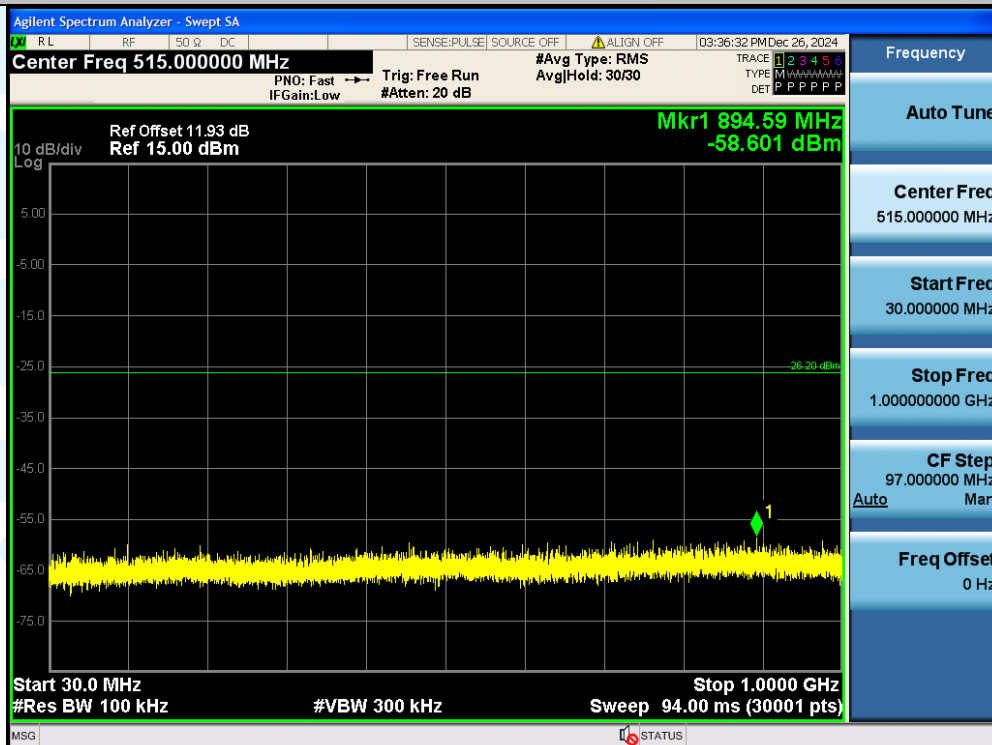
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3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS

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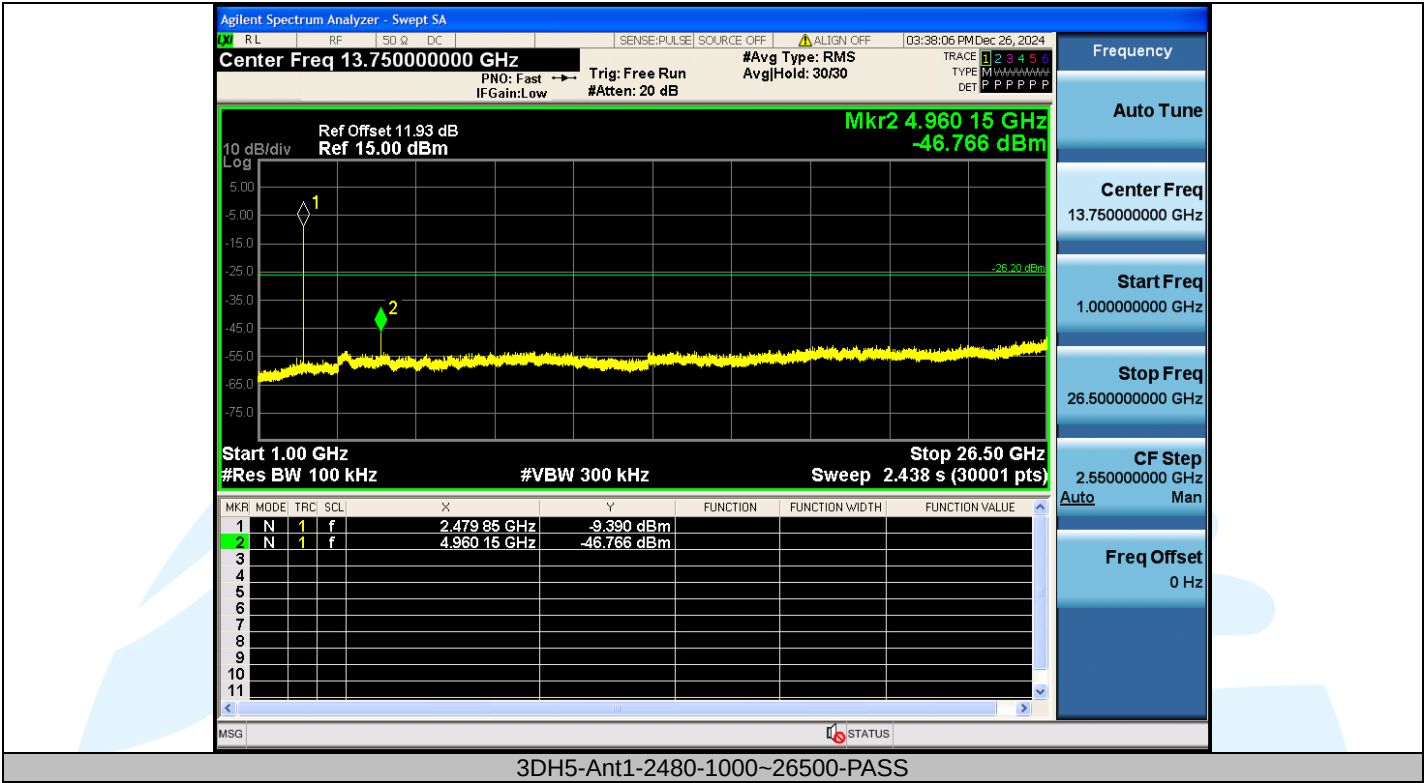
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APPENDIX 1 PHOTOS OF TEST SETUP

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 ***

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