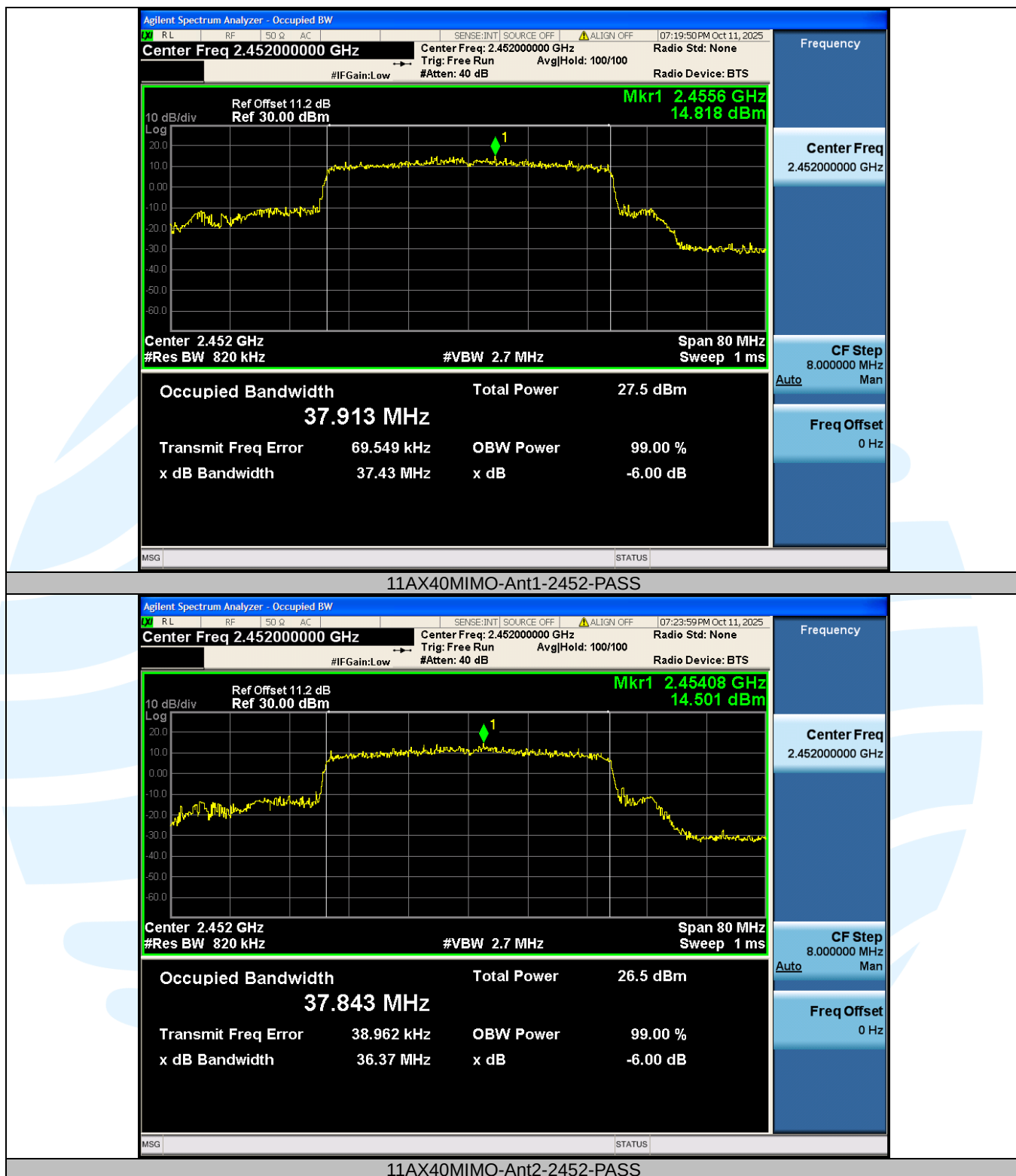


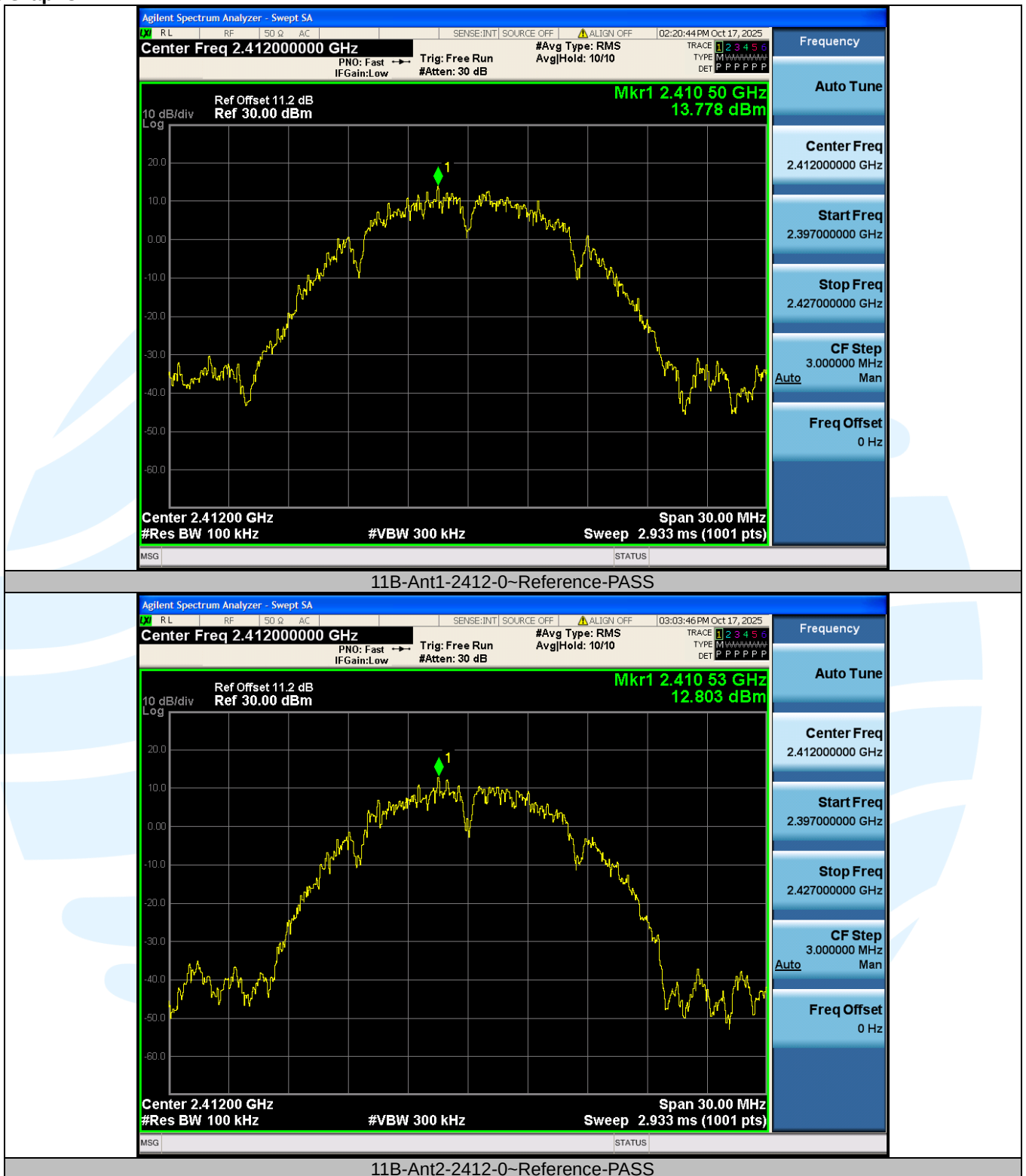


A.3 CONDUCTED OUT OF BAND EMISSION

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	13.78	13.78	---	PASS
11B	Ant2	2412	0~Reference	12.80	12.80	---	PASS
11B	Ant1	2412	30~1000	13.78	-58.63	≤-6.22	PASS
11B	Ant2	2412	30~1000	12.80	-58.64	≤-7.2	PASS
11B	Ant1	2412	1000~26500	13.78	-47.54	≤-6.22	PASS
11B	Ant2	2412	1000~26500	12.80	-47.25	≤-7.2	PASS
11B	Ant1	2437	0~Reference	15.46	15.46	---	PASS
11B	Ant2	2437	0~Reference	12.75	12.75	---	PASS
11B	Ant1	2437	30~1000	15.46	-58.86	≤-4.54	PASS
11B	Ant2	2437	30~1000	12.75	-58.99	≤-7.25	PASS
11B	Ant1	2437	1000~26500	15.46	-47.5	≤-4.54	PASS
11B	Ant2	2437	1000~26500	12.75	-47.83	≤-7.25	PASS
11B	Ant1	2462	0~Reference	14.20	14.20	---	PASS
11B	Ant2	2462	0~Reference	11.95	11.95	---	PASS
11B	Ant1	2462	30~1000	14.20	-59.63	≤-5.8	PASS
11B	Ant2	2462	30~1000	11.95	-59.03	≤-8.05	PASS
11B	Ant1	2462	1000~26500	14.20	-48.23	≤-5.8	PASS
11B	Ant2	2462	1000~26500	11.95	-46.35	≤-8.05	PASS
11G	Ant1	2412	0~Reference	8.79	8.79	---	PASS
11G	Ant2	2412	0~Reference	6.91	6.91	---	PASS
11G	Ant1	2412	30~1000	8.79	-59.25	≤-11.21	PASS
11G	Ant2	2412	30~1000	6.91	-58.21	≤-13.09	PASS
11G	Ant1	2412	1000~26500	8.79	-47.3	≤-11.21	PASS
11G	Ant2	2412	1000~26500	6.91	-45.27	≤-13.09	PASS
11G	Ant1	2437	0~Reference	9.65	9.65	---	PASS
11G	Ant2	2437	0~Reference	6.04	6.04	---	PASS
11G	Ant1	2437	30~1000	9.65	-59.24	≤-10.35	PASS
11G	Ant2	2437	30~1000	6.04	-59.01	≤-13.96	PASS
11G	Ant1	2437	1000~26500	9.65	-47.06	≤-10.35	PASS
11G	Ant2	2437	1000~26500	6.04	-47.41	≤-13.96	PASS
11G	Ant1	2462	0~Reference	10.90	10.90	---	PASS
11G	Ant2	2462	0~Reference	7.83	7.83	---	PASS
11G	Ant1	2462	30~1000	10.90	-59.11	≤-9.1	PASS
11G	Ant2	2462	30~1000	7.83	-58.9	≤-12.17	PASS
11G	Ant1	2462	1000~26500	10.90	-47.4	≤-9.1	PASS
11G	Ant2	2462	1000~26500	7.83	-48.12	≤-12.17	PASS
11N20MIMO	Ant1	2412	0~Reference	7.10	7.10	---	PASS
11N20MIMO	Ant2	2412	0~Reference	6.79	6.79	---	PASS
11N20MIMO	Ant1	2412	30~1000	7.10	-59.31	≤-12.9	PASS
11N20MIMO	Ant2	2412	30~1000	6.79	-58.65	≤-13.21	PASS
11N20MIMO	Ant1	2412	1000~26500	7.10	-47.41	≤-12.9	PASS
11N20MIMO	Ant2	2412	1000~26500	6.79	-47.46	≤-13.21	PASS
11N20MIMO	Ant1	2437	0~Reference	8.28	8.28	---	PASS
11N20MIMO	Ant2	2437	0~Reference	4.77	4.77	---	PASS
11N20MIMO	Ant1	2437	30~1000	8.28	-59.4	≤-11.72	PASS
11N20MIMO	Ant2	2437	30~1000	4.77	-59.41	≤-15.23	PASS
11N20MIMO	Ant1	2437	1000~26500	8.28	-46.96	≤-11.72	PASS
11N20MIMO	Ant2	2437	1000~26500	4.77	-47.79	≤-15.23	PASS
11N20MIMO	Ant1	2462	0~Reference	8.44	8.44	---	PASS
11N20MIMO	Ant2	2462	0~Reference	6.02	6.02	---	PASS
11N20MIMO	Ant1	2462	30~1000	8.44	-58.93	≤-11.56	PASS
11N20MIMO	Ant2	2462	30~1000	6.02	-59.25	≤-13.98	PASS
11N20MIMO	Ant1	2462	1000~26500	8.44	-47.4	≤-11.56	PASS
11N20MIMO	Ant2	2462	1000~26500	6.02	-47.36	≤-13.98	PASS
11N40MIMO	Ant1	2422	0~Reference	3.99	3.99	---	PASS
11N40MIMO	Ant2	2422	0~Reference	4.22	4.22	---	PASS
11N40MIMO	Ant1	2422	30~1000	3.99	-52.11	≤-16.01	PASS
11N40MIMO	Ant2	2422	30~1000	4.22	-52.88	≤-15.78	PASS
11N40MIMO	Ant1	2422	1000~26500	3.99	-48.07	≤-16.01	PASS
11N40MIMO	Ant2	2422	1000~26500	4.22	-47.33	≤-15.78	PASS

11N40MIMO	Ant1	2437	0~Reference	5.39	5.39	---	PASS
11N40MIMO	Ant2	2437	0~Reference	4.03	4.03	---	PASS
11N40MIMO	Ant1	2437	30~1000	5.39	-47.07	≤-14.61	PASS
11N40MIMO	Ant2	2437	30~1000	4.03	-52.09	≤-15.97	PASS
11N40MIMO	Ant1	2437	1000~26500	5.39	-47.98	≤-14.61	PASS
11N40MIMO	Ant2	2437	1000~26500	4.03	-48.11	≤-15.97	PASS
11N40MIMO	Ant1	2452	0~Reference	6.32	6.32	---	PASS
11N40MIMO	Ant2	2452	0~Reference	5.22	5.22	---	PASS
11N40MIMO	Ant1	2452	30~1000	6.32	-46.5	≤-13.68	PASS
11N40MIMO	Ant2	2452	30~1000	5.22	-55.18	≤-14.78	PASS
11N40MIMO	Ant1	2452	1000~26500	6.32	-47.71	≤-13.68	PASS
11N40MIMO	Ant2	2452	1000~26500	5.22	-47.66	≤-14.78	PASS
11AX20MIMO	Ant1	2412	0~Reference	8.77	8.77	---	PASS
11AX20MIMO	Ant2	2412	0~Reference	7.73	7.73	---	PASS
11AX20MIMO	Ant1	2412	30~1000	8.77	-58.84	≤-11.23	PASS
11AX20MIMO	Ant2	2412	30~1000	7.73	-58.19	≤-12.27	PASS
11AX20MIMO	Ant1	2412	1000~26500	8.77	-47.84	≤-11.23	PASS
11AX20MIMO	Ant2	2412	1000~26500	7.73	-48.05	≤-12.27	PASS
11AX20MIMO	Ant1	2437	0~Reference	8.33	8.33	---	PASS
11AX20MIMO	Ant2	2437	0~Reference	8.19	8.19	---	PASS
11AX20MIMO	Ant1	2437	30~1000	8.33	-58.96	≤-11.67	PASS
11AX20MIMO	Ant2	2437	30~1000	8.19	-57.94	≤-11.81	PASS
11AX20MIMO	Ant1	2437	1000~26500	8.33	-47.82	≤-11.67	PASS
11AX20MIMO	Ant2	2437	1000~26500	8.19	-47.81	≤-11.81	PASS
11AX20MIMO	Ant1	2462	0~Reference	7.53	7.53	---	PASS
11AX20MIMO	Ant2	2462	0~Reference	6.48	6.48	---	PASS
11AX20MIMO	Ant1	2462	30~1000	7.53	-59.44	≤-12.47	PASS
11AX20MIMO	Ant2	2462	30~1000	6.48	-59.06	≤-13.52	PASS
11AX20MIMO	Ant1	2462	1000~26500	7.53	-47.69	≤-12.47	PASS
11AX20MIMO	Ant2	2462	1000~26500	6.48	-47.84	≤-13.52	PASS
11AX40MIMO	Ant1	2422	0~Reference	5.75	5.75	---	PASS
11AX40MIMO	Ant2	2422	0~Reference	4.24	4.24	---	PASS
11AX40MIMO	Ant1	2422	30~1000	5.75	-48.6	≤-14.25	PASS
11AX40MIMO	Ant2	2422	30~1000	4.24	-52.33	≤-15.76	PASS
11AX40MIMO	Ant1	2422	1000~26500	5.75	-48.02	≤-14.25	PASS
11AX40MIMO	Ant2	2422	1000~26500	4.24	-47.33	≤-15.76	PASS
11AX40MIMO	Ant1	2437	0~Reference	6.30	6.30	---	PASS
11AX40MIMO	Ant2	2437	0~Reference	4.53	4.53	---	PASS
11AX40MIMO	Ant1	2437	30~1000	6.30	-45.65	≤-13.7	PASS
11AX40MIMO	Ant2	2437	30~1000	4.53	-50.98	≤-15.47	PASS
11AX40MIMO	Ant1	2437	1000~26500	6.30	-47.89	≤-13.7	PASS
11AX40MIMO	Ant2	2437	1000~26500	4.53	-47.58	≤-15.47	PASS
11AX40MIMO	Ant1	2452	0~Reference	5.45	5.45	---	PASS
11AX40MIMO	Ant2	2452	0~Reference	4.16	4.16	---	PASS
11AX40MIMO	Ant1	2452	30~1000	5.45	-47.02	≤-14.55	PASS
11AX40MIMO	Ant2	2452	30~1000	4.16	-53.39	≤-15.84	PASS
11AX40MIMO	Ant1	2452	1000~26500	5.45	-48.21	≤-14.55	PASS
11AX40MIMO	Ant2	2452	1000~26500	4.16	-44.57	≤-15.84	PASS

Test Graphs



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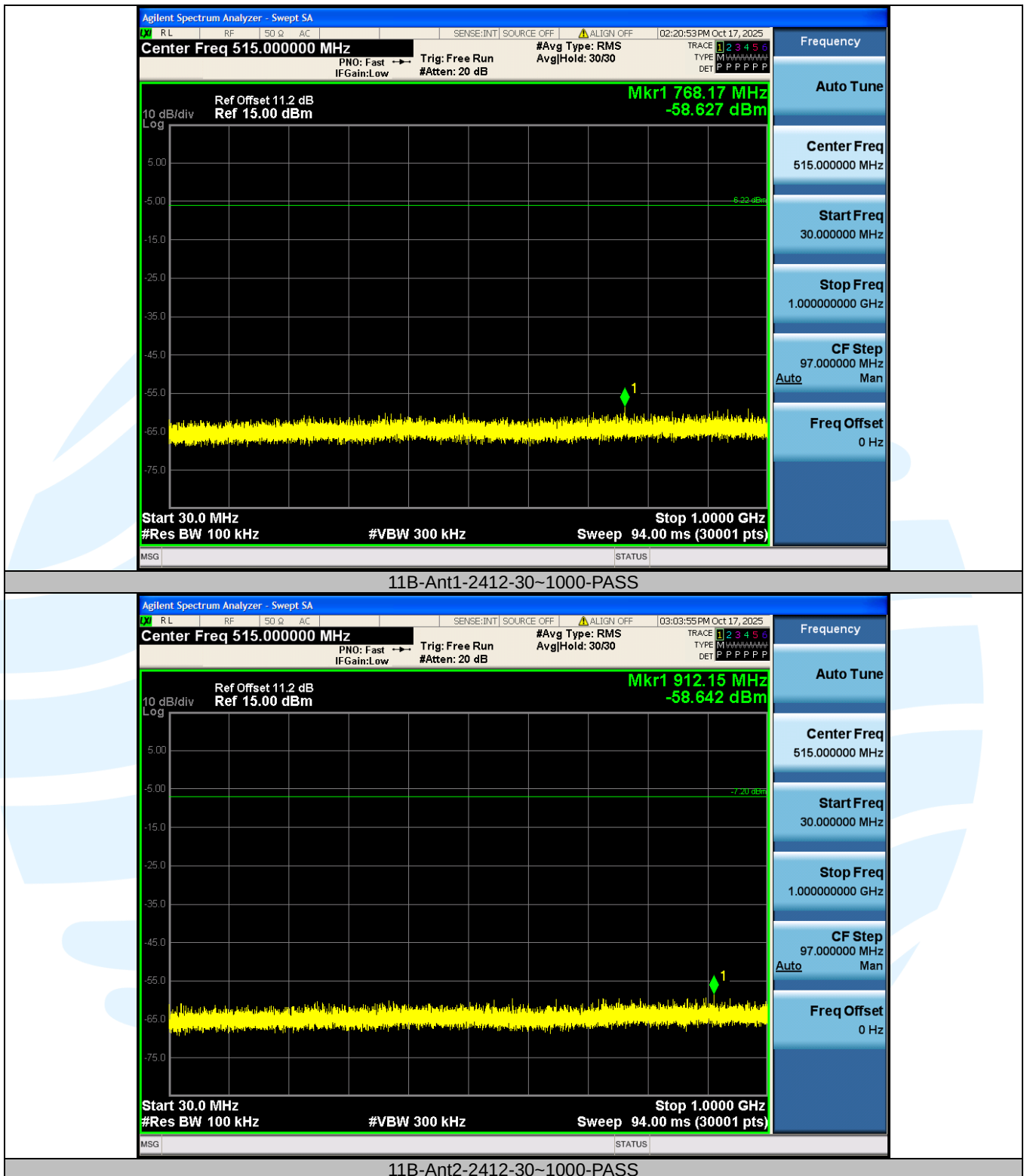
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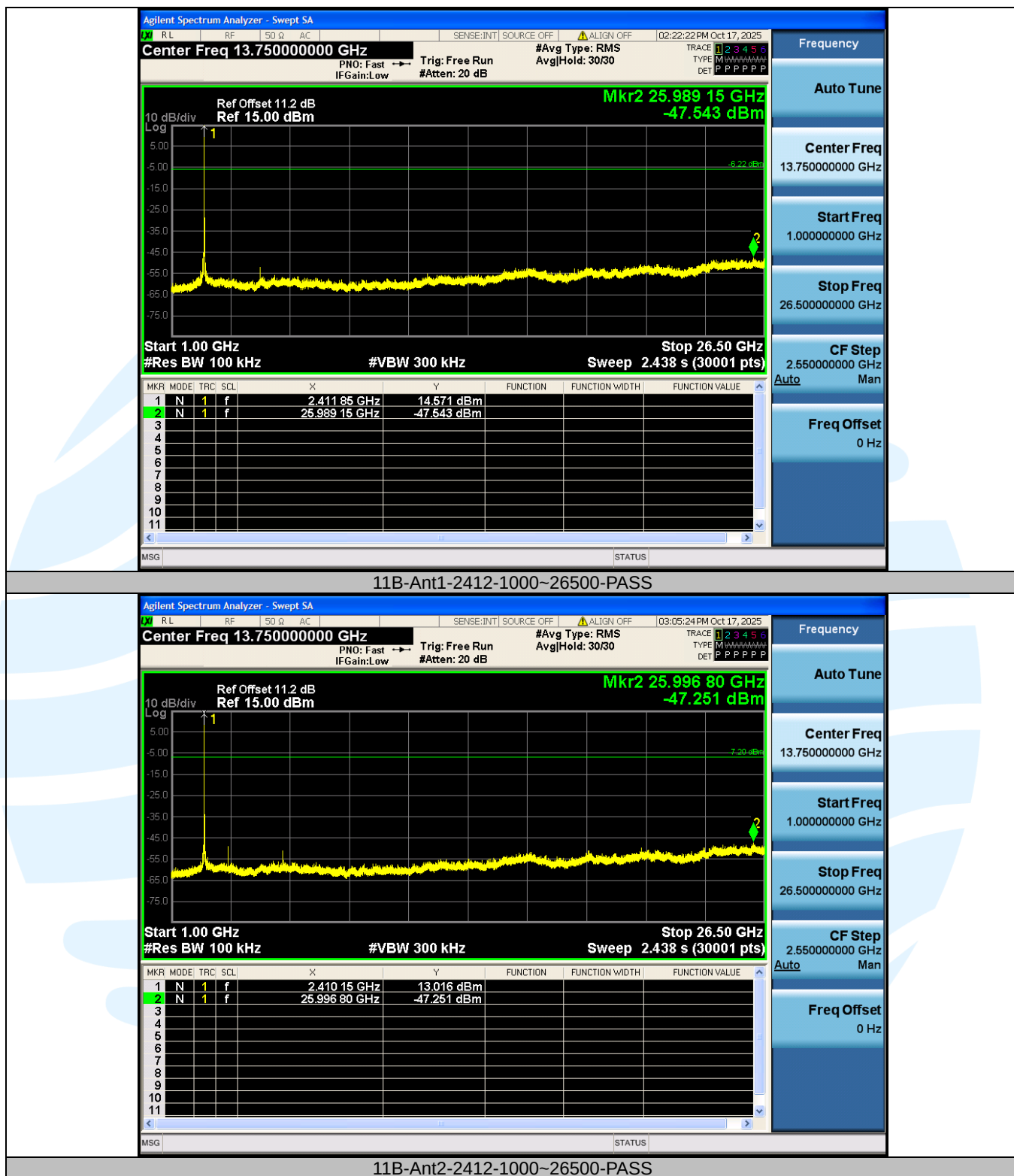
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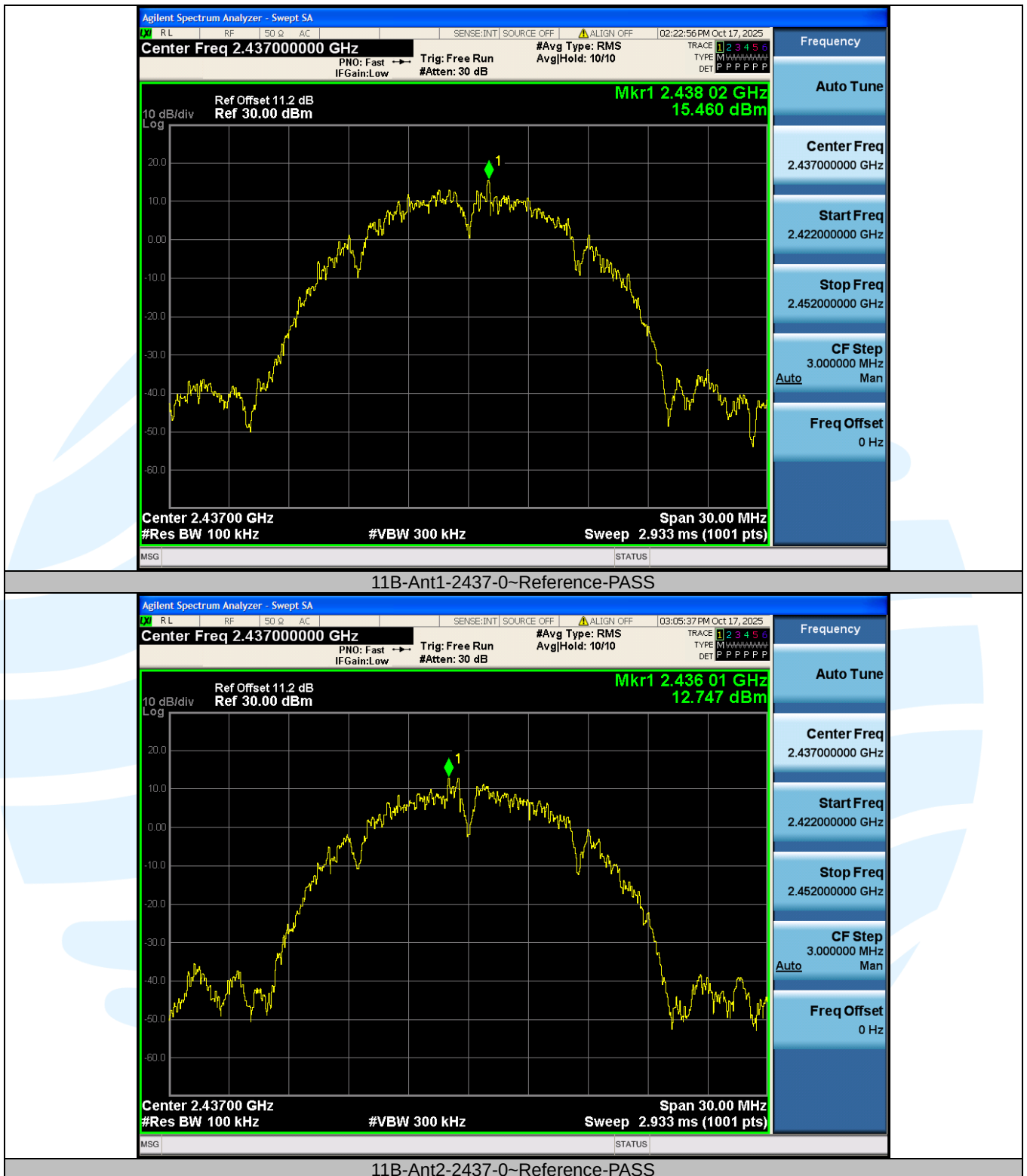
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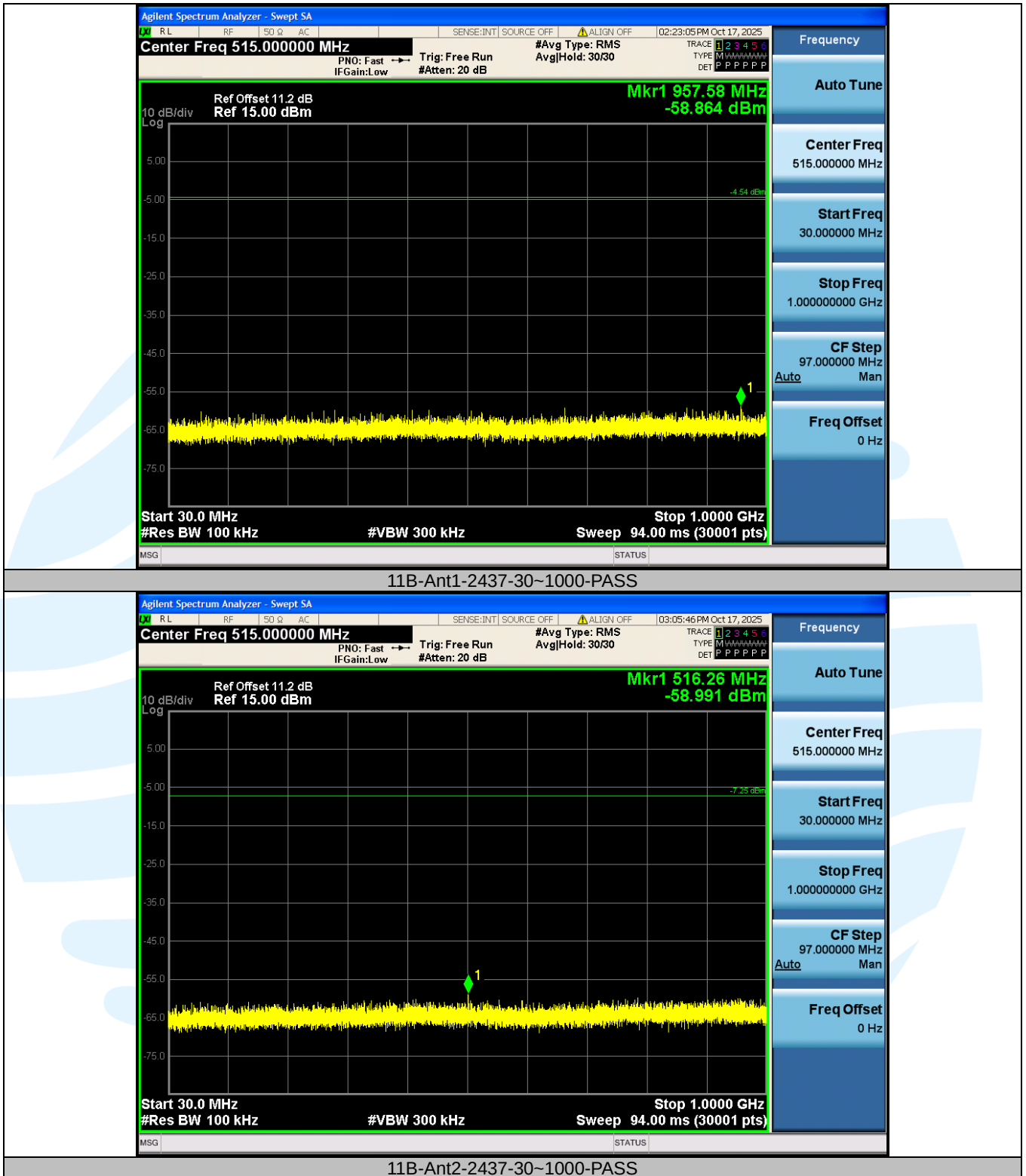
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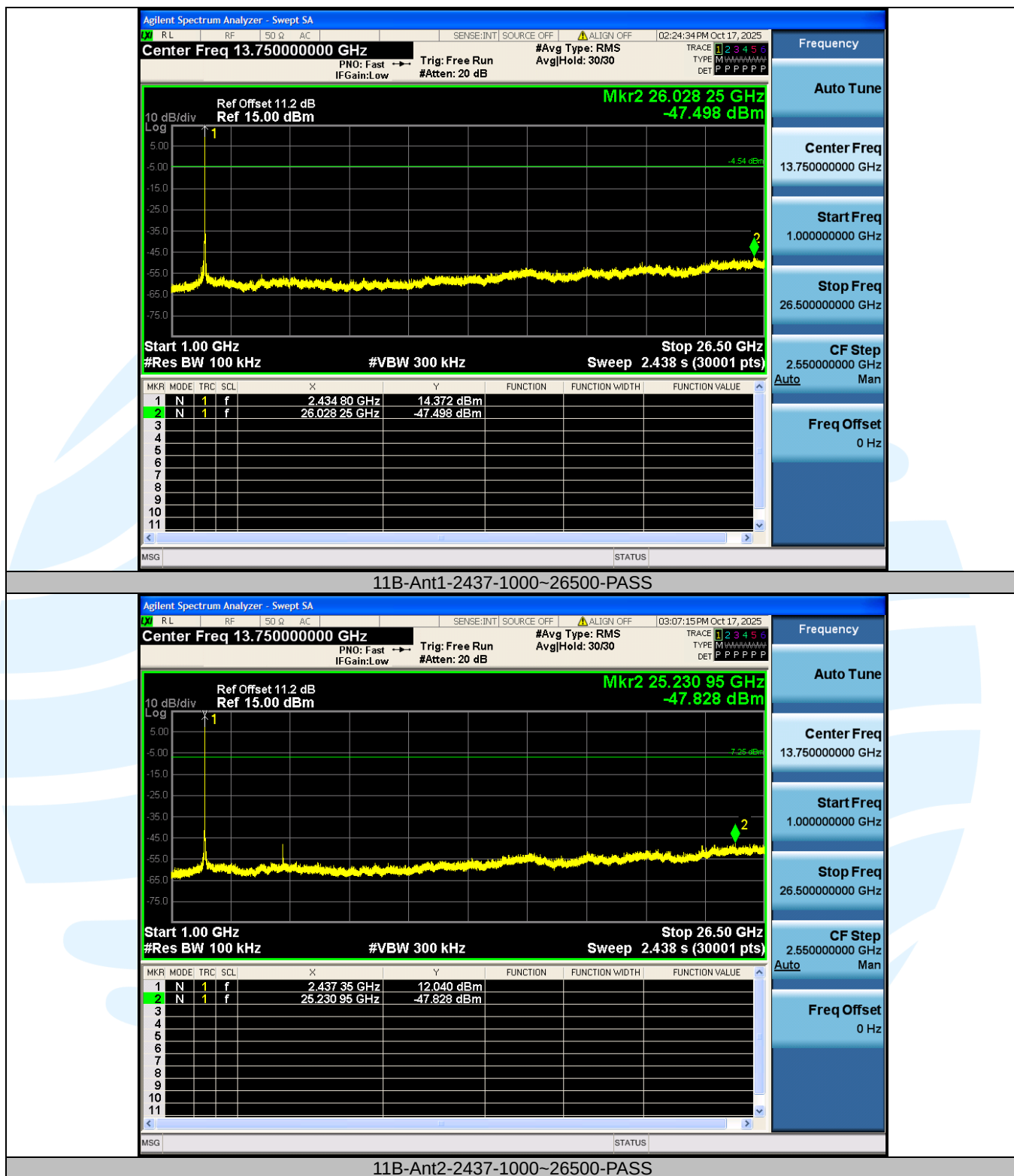
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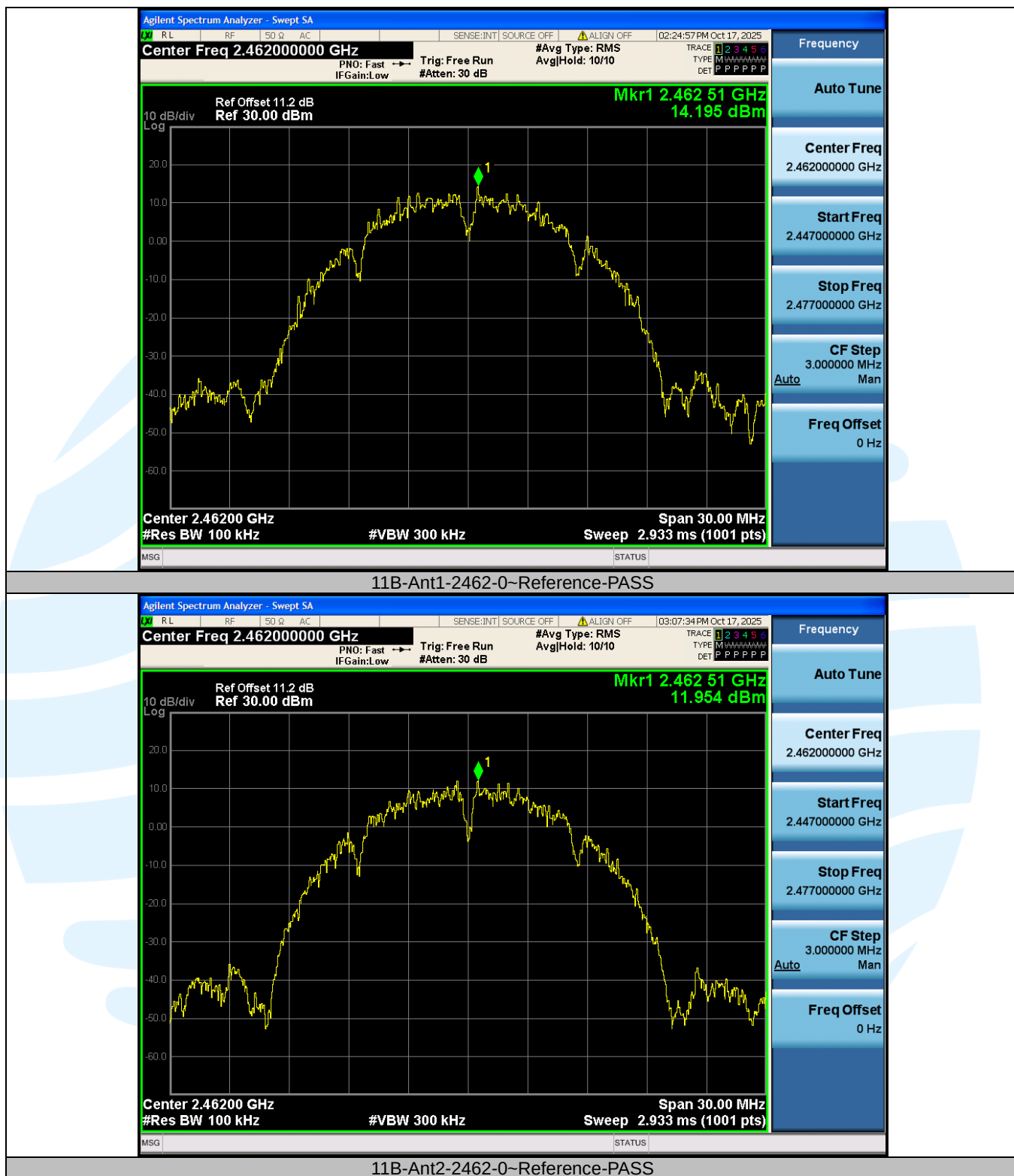
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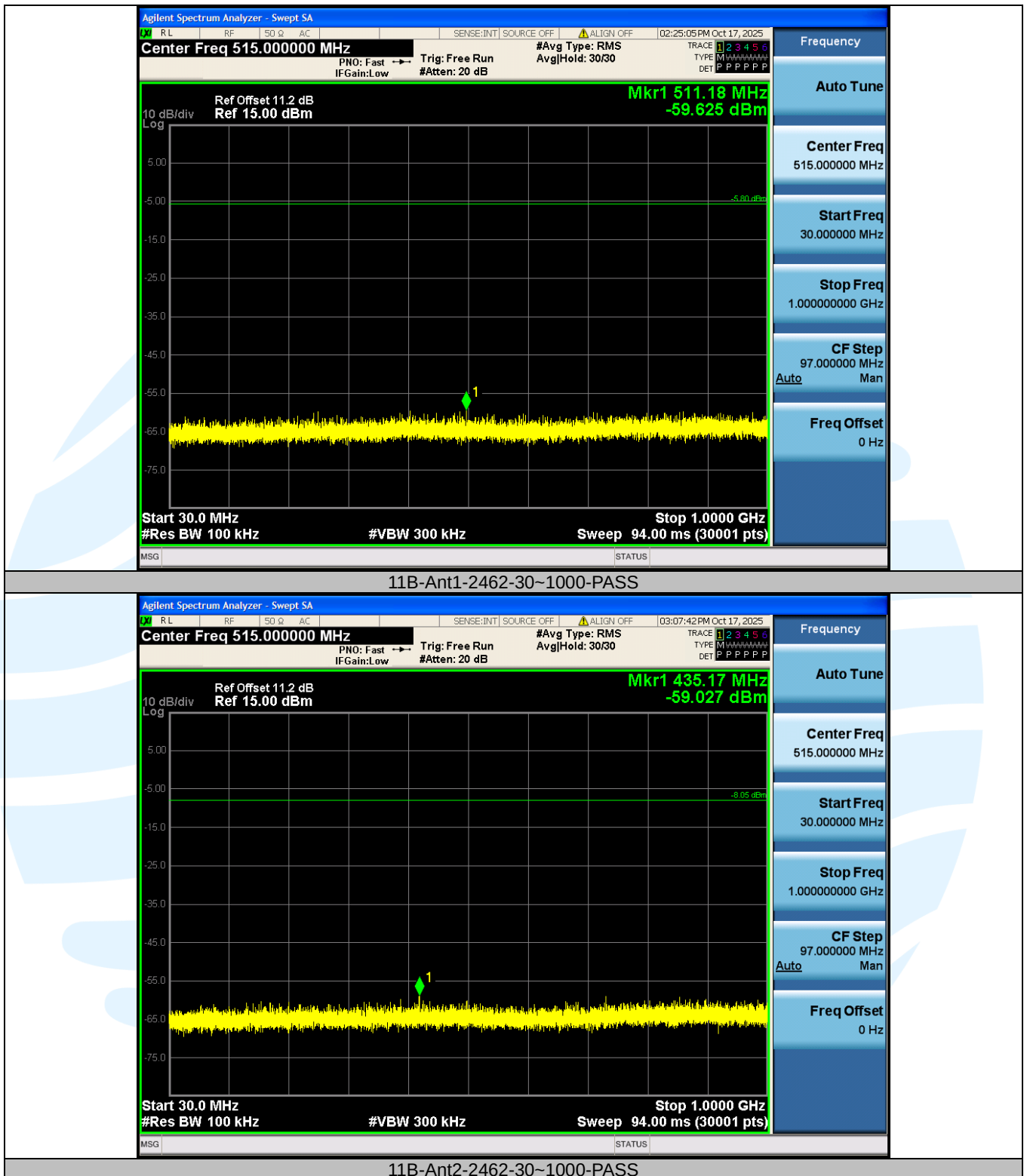
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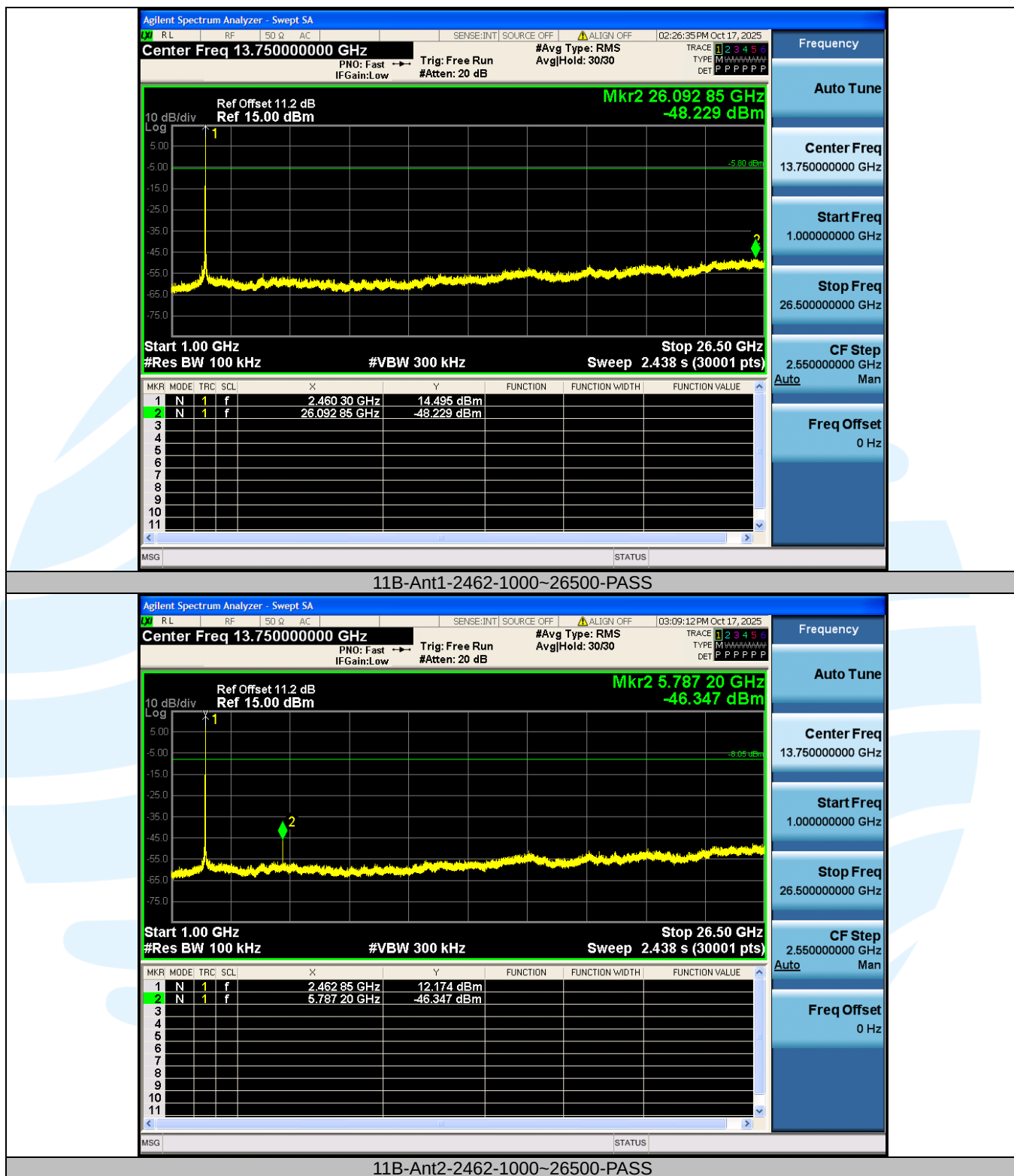
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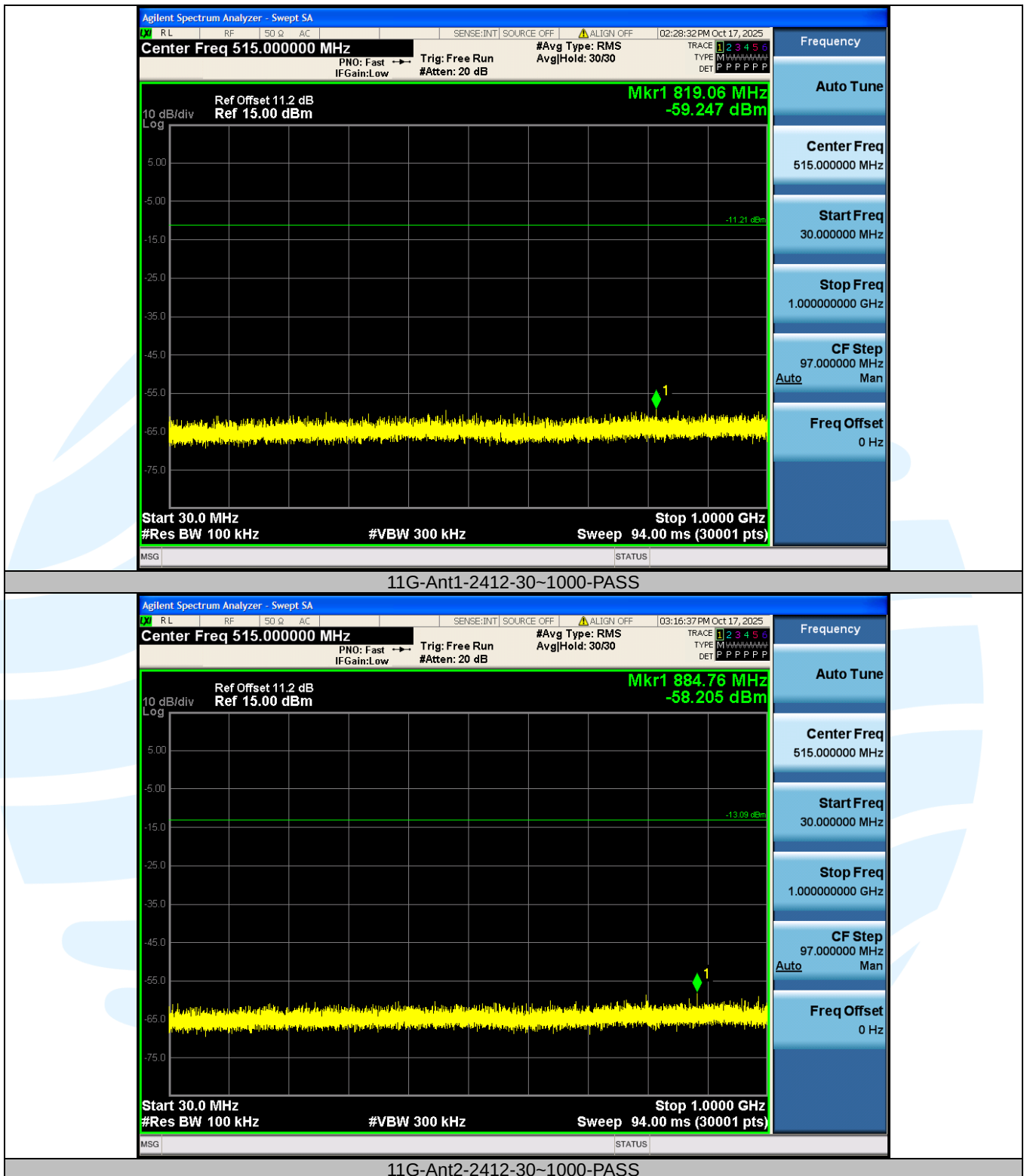
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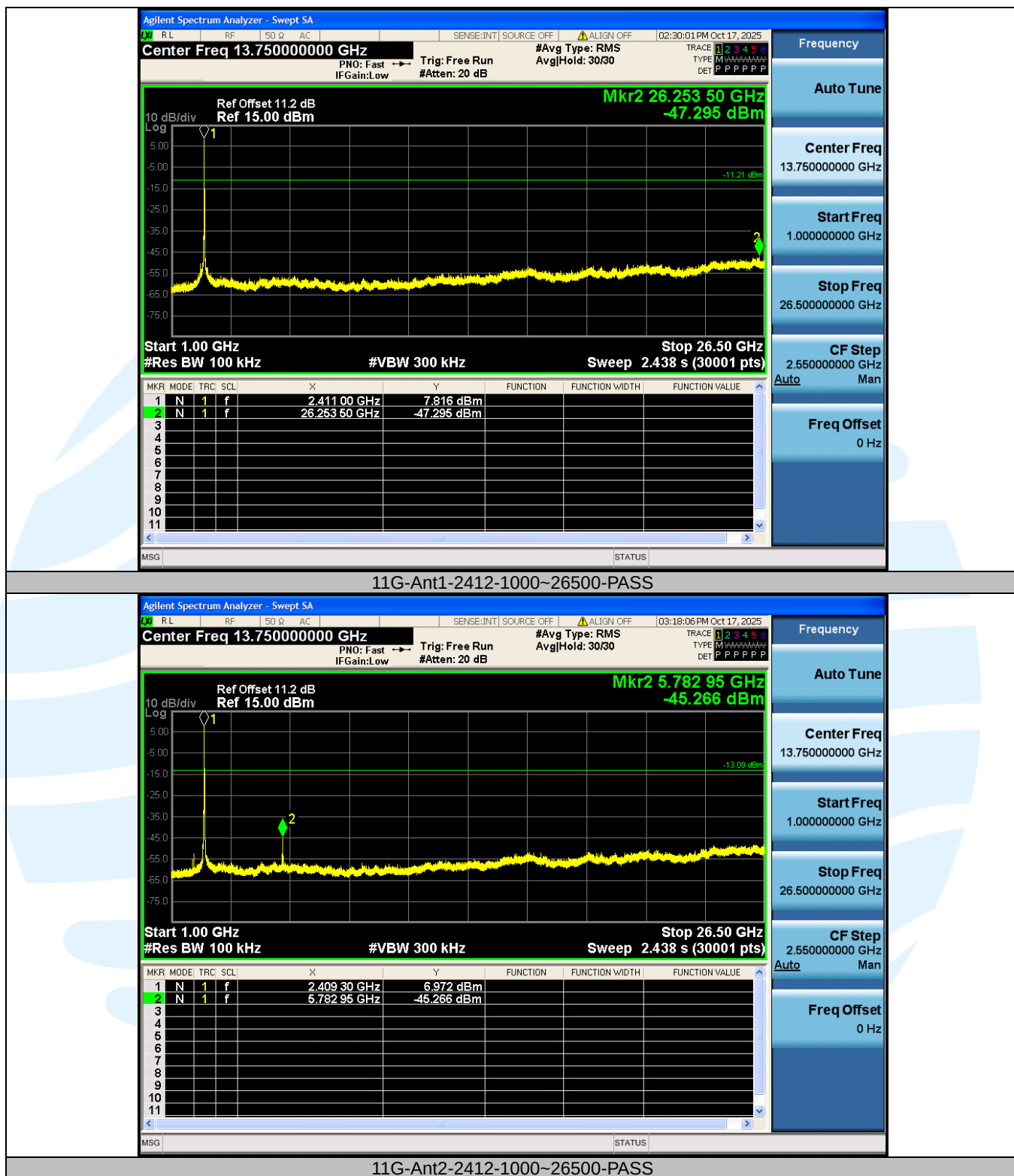
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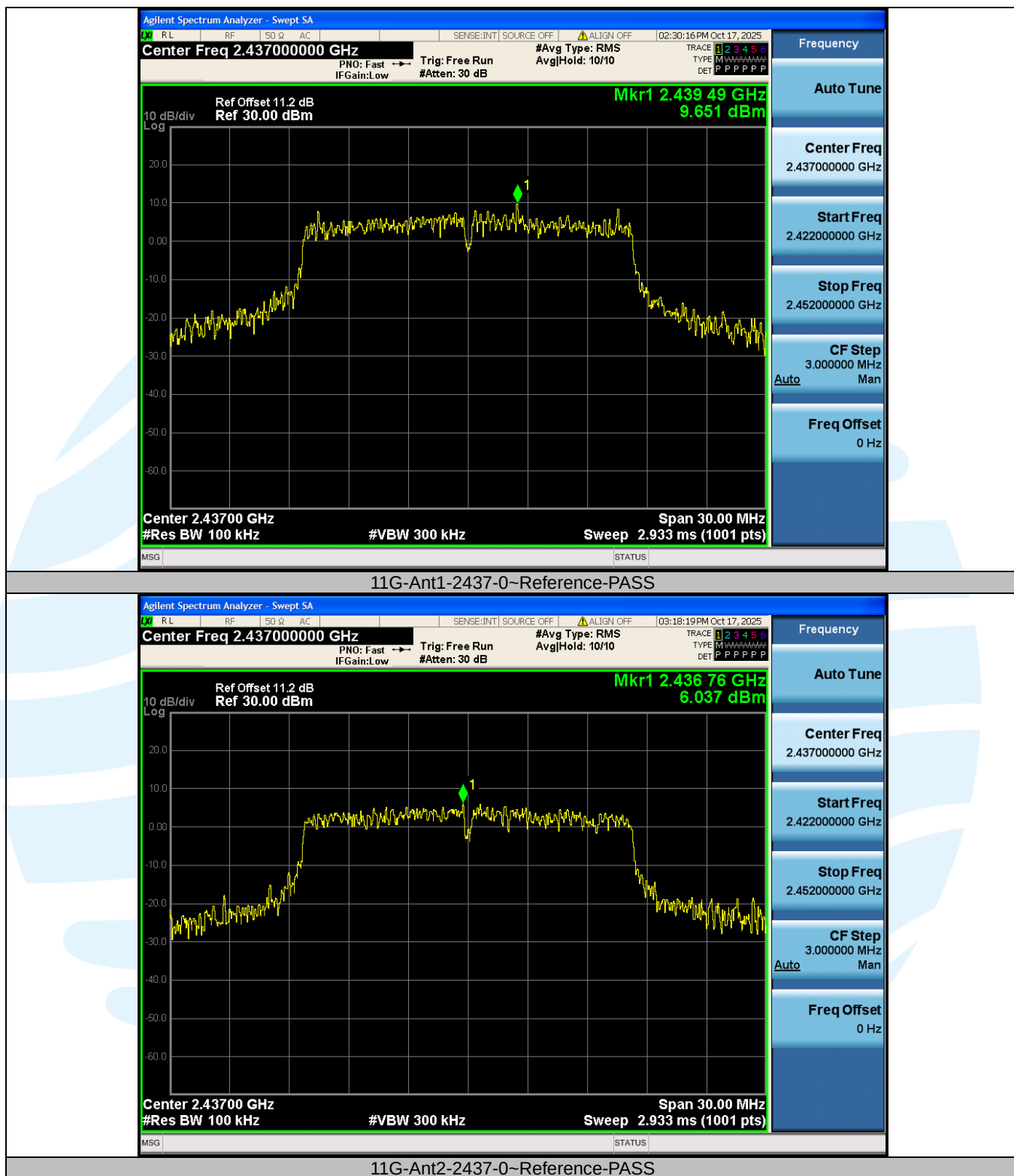
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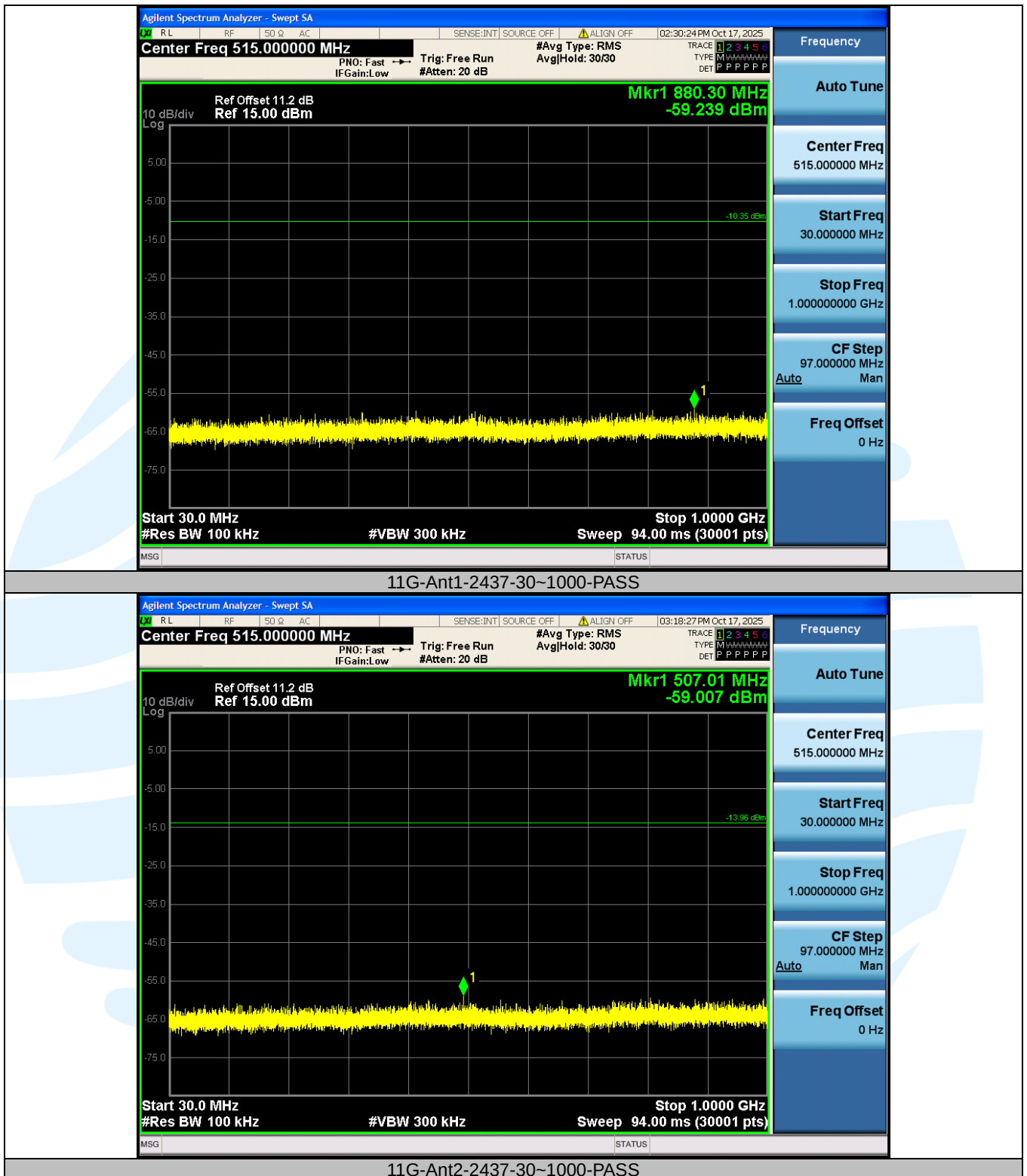
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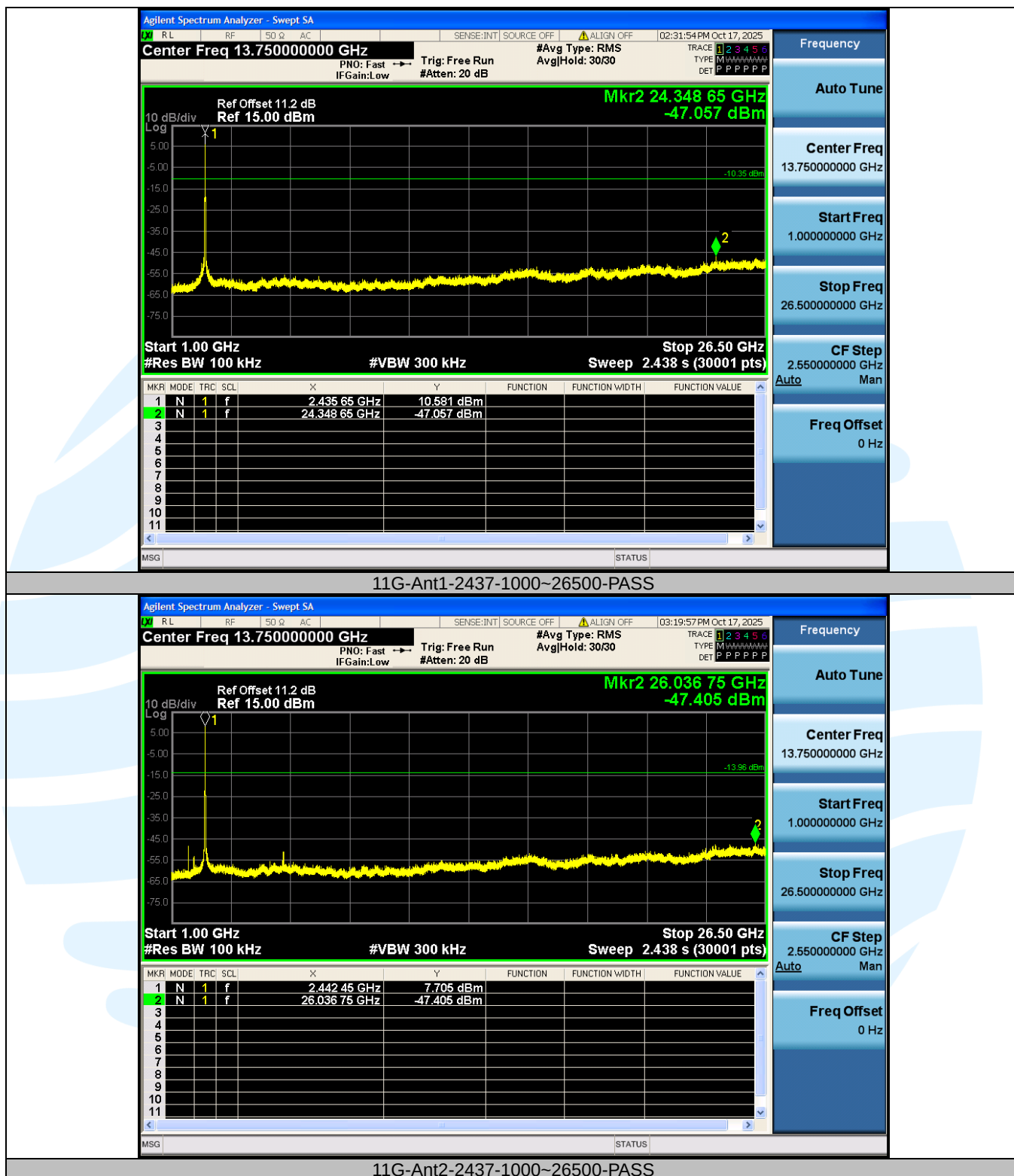
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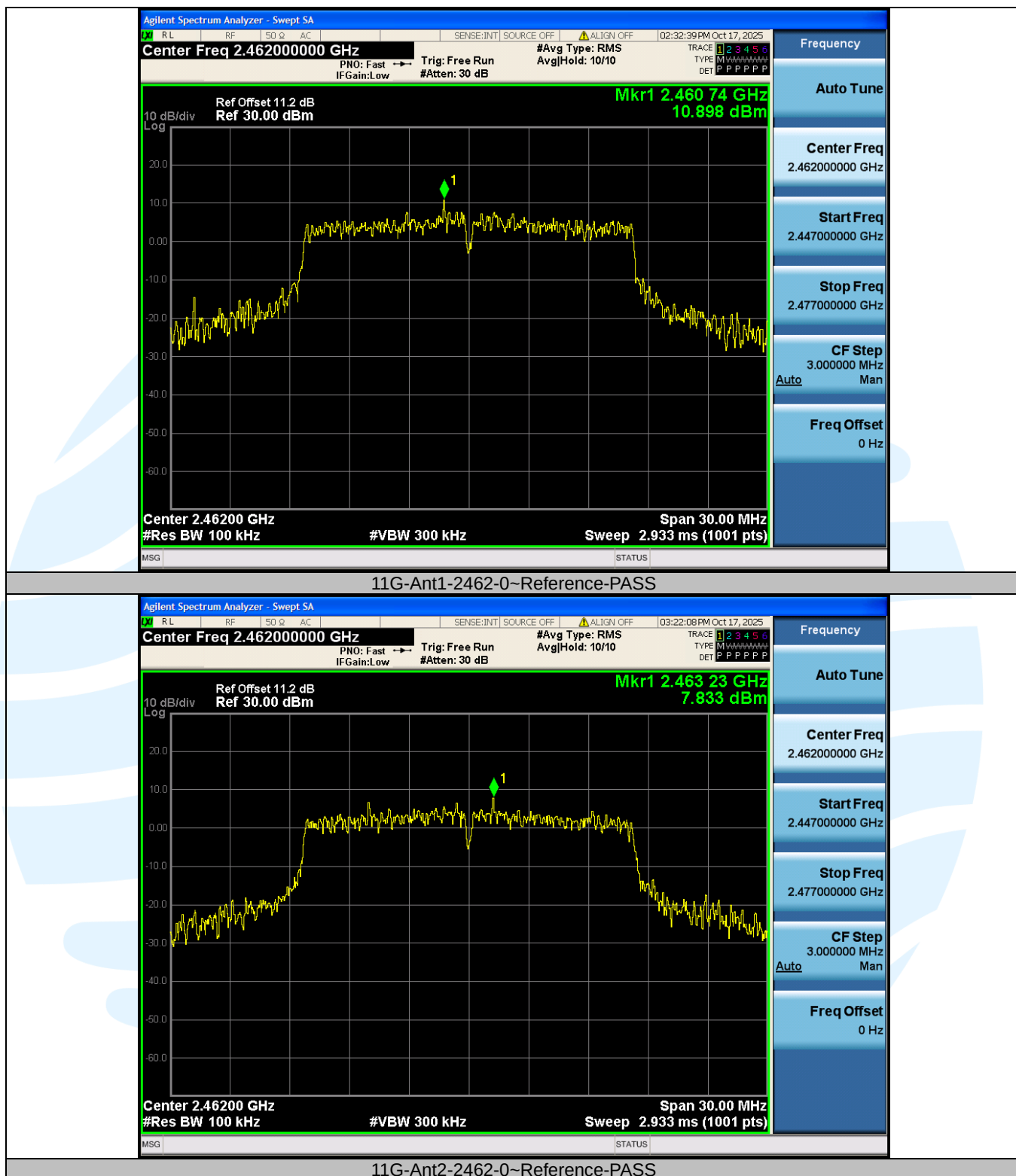
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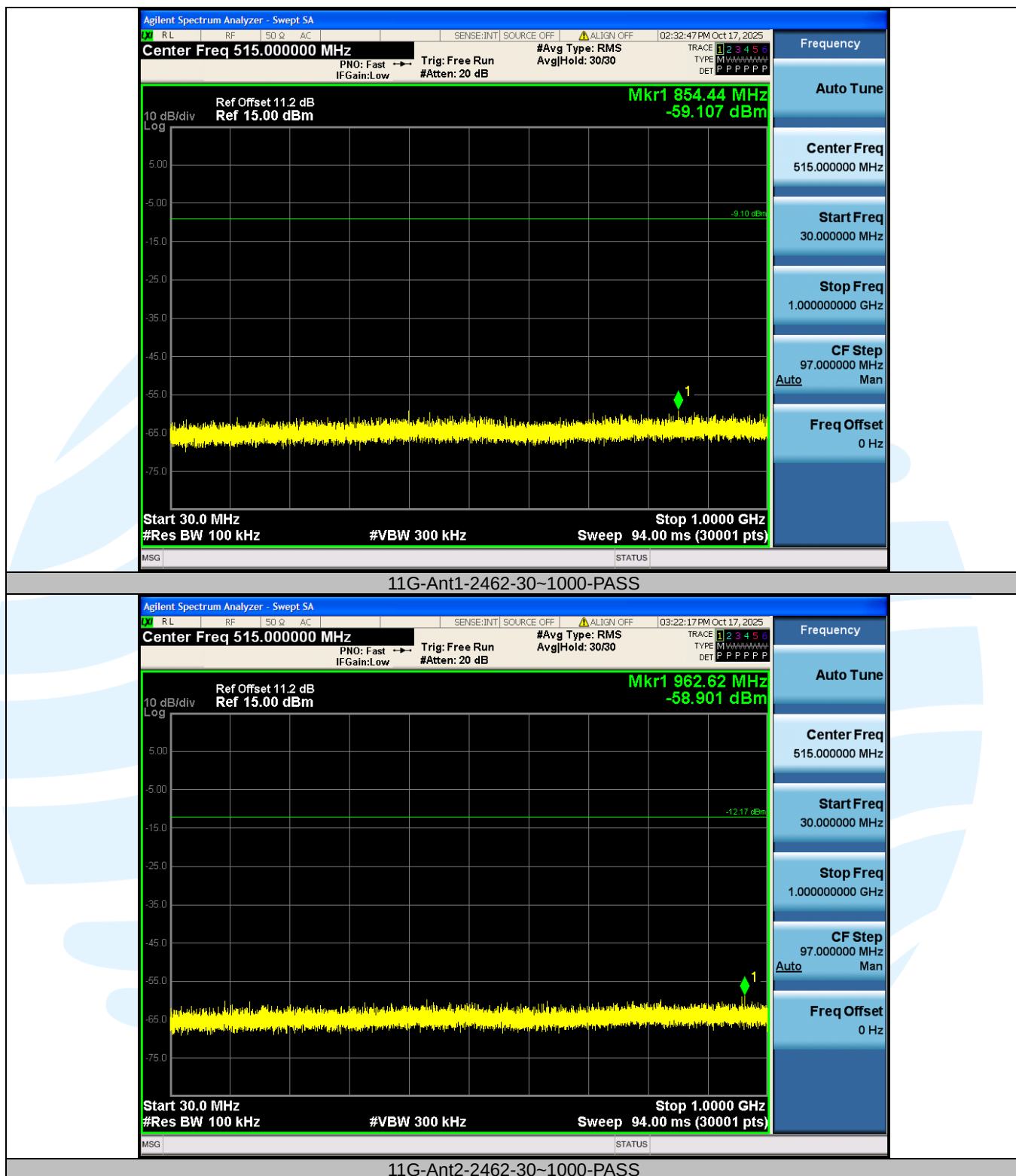
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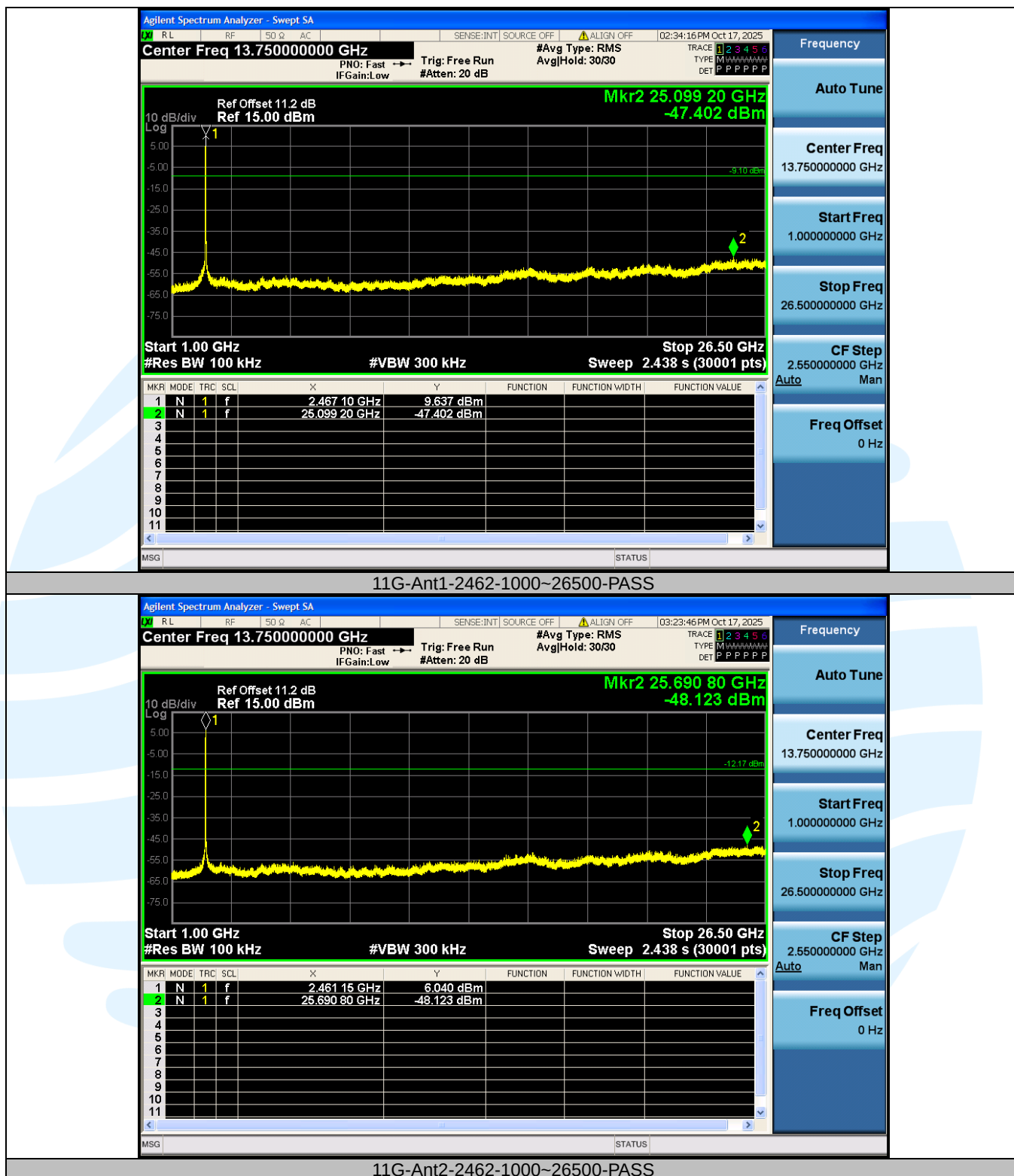
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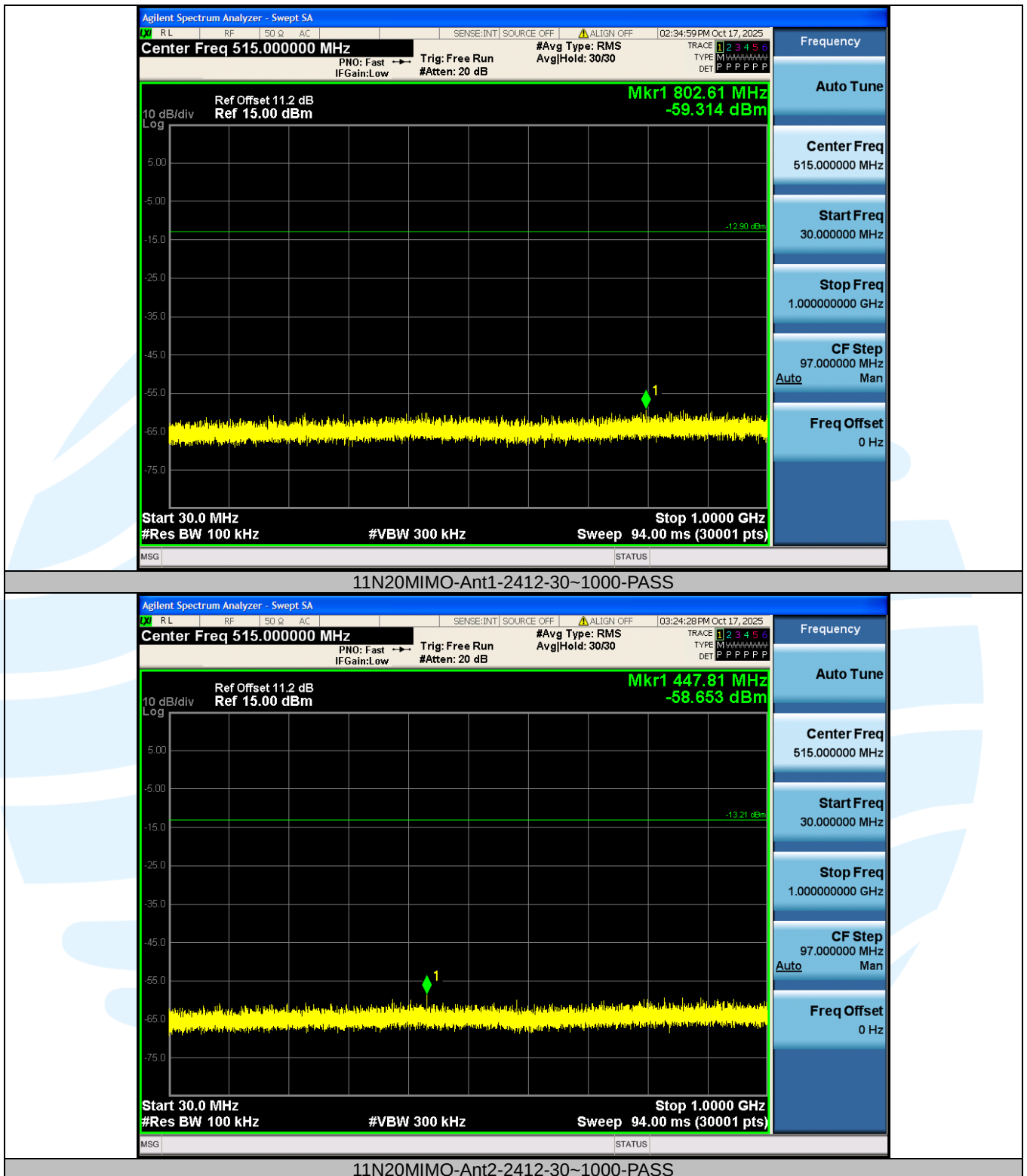
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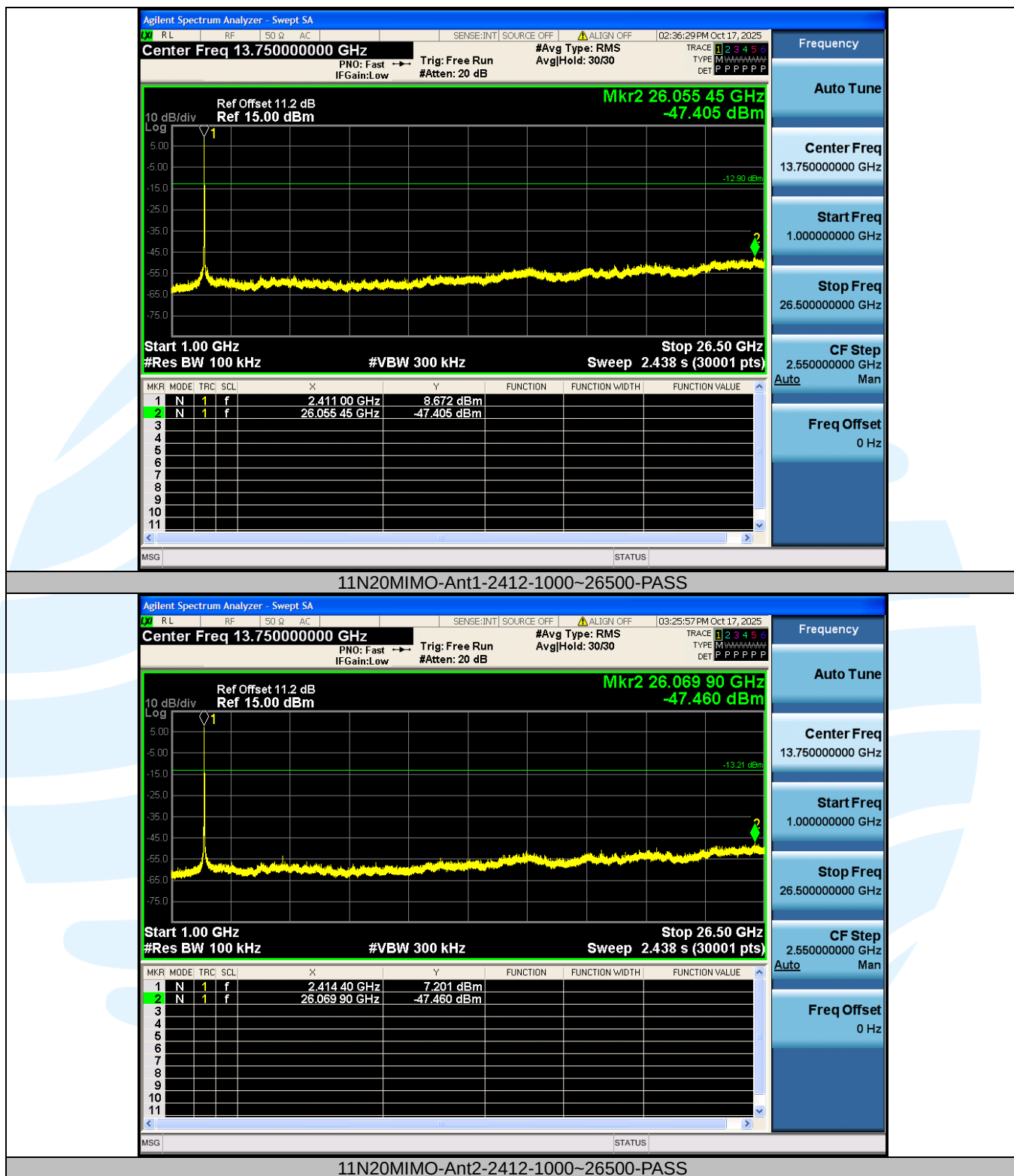
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Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N20MIMO-Ant1-2412-1000~26500-PASS

Agilent Spectrum Analyzer - Swept SA

RL

RF

ISO

AC

SENSE:INT SOURCE:OFF

ALIGN:OFF

03:25:57 PM Oct 17, 2025

Center Freq 13.75000000 GHz

PNO: 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 P

10 dB/div

Ref Offset 11.2 dB

Ref 15.00 dBm

Mkr2 26.069 90 GHz

-47.460 dBm

-13.21 dBm

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

Stop 26.50 GHz

MSG

STATUS

Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N20MIMO-Ant2-2412-1000~26500-PASS

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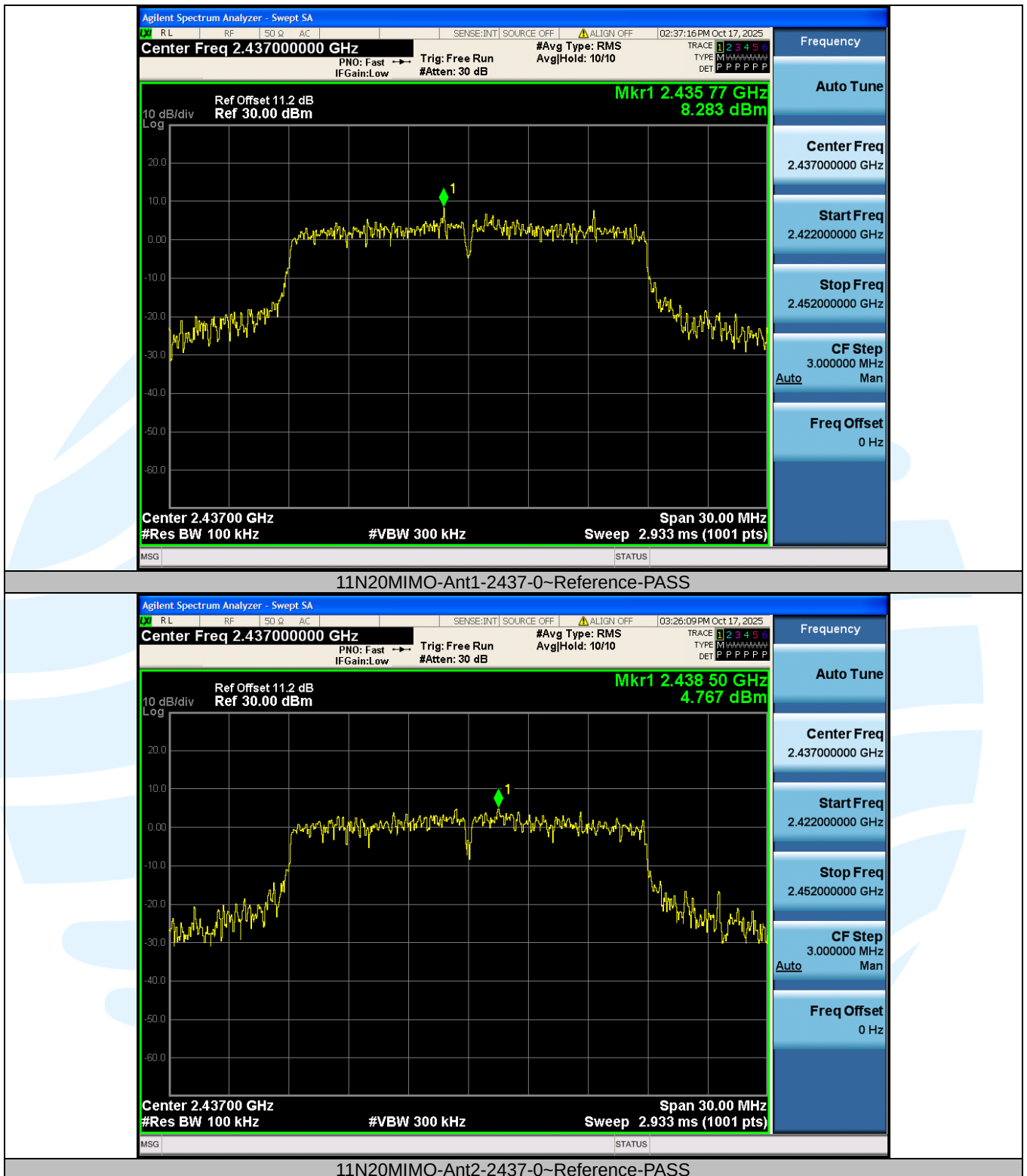
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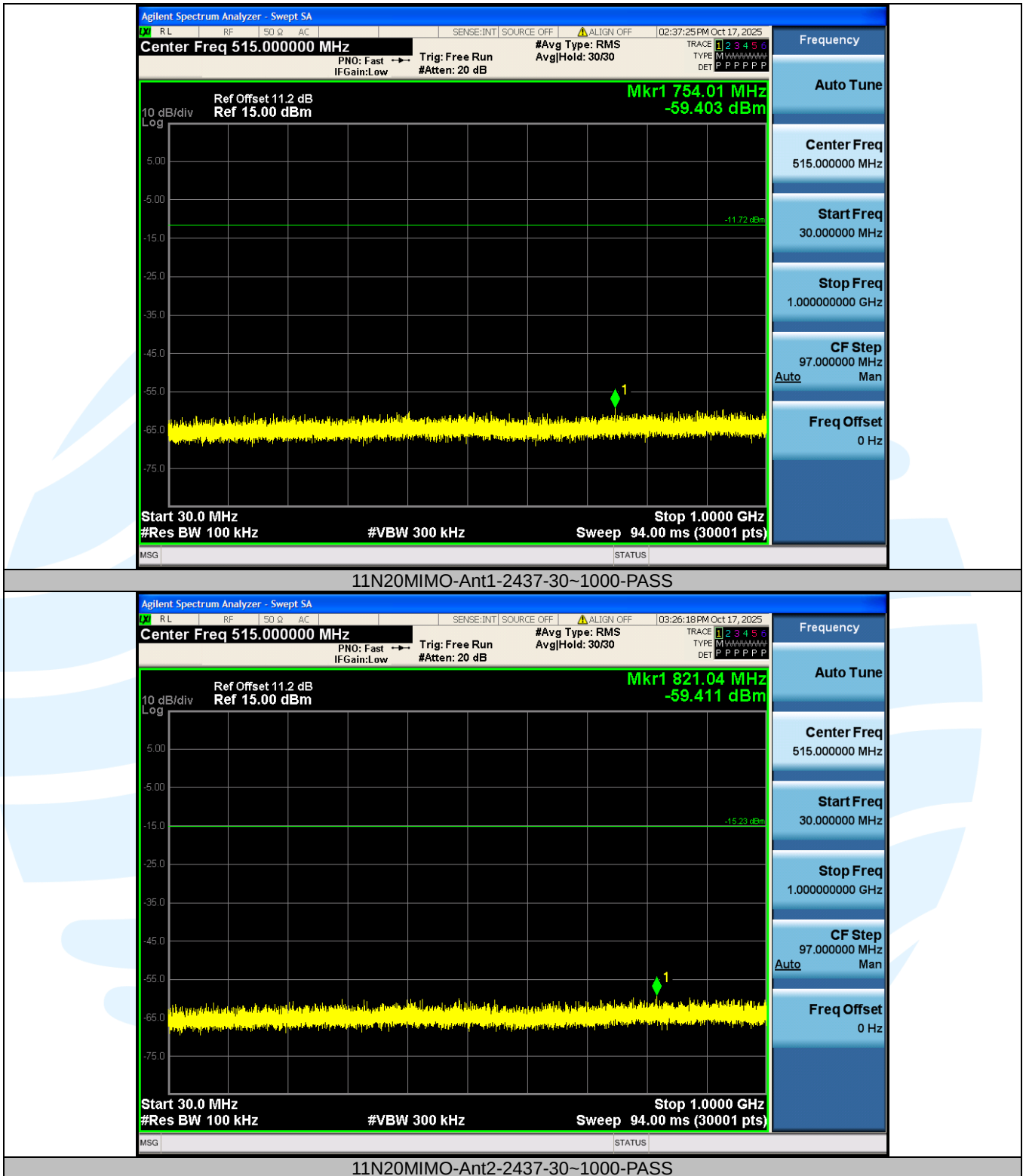
Tel: +86-755-28230888

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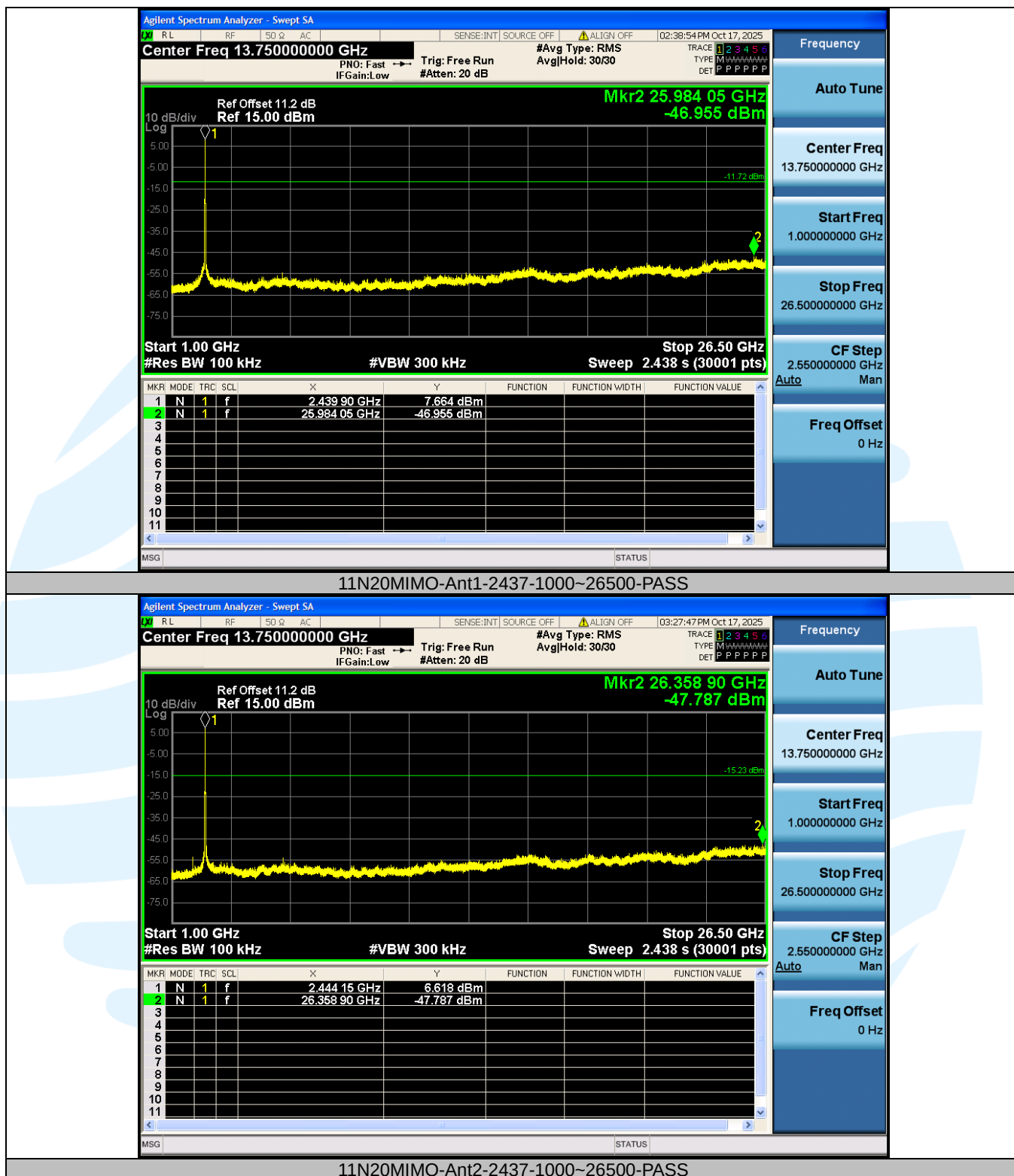
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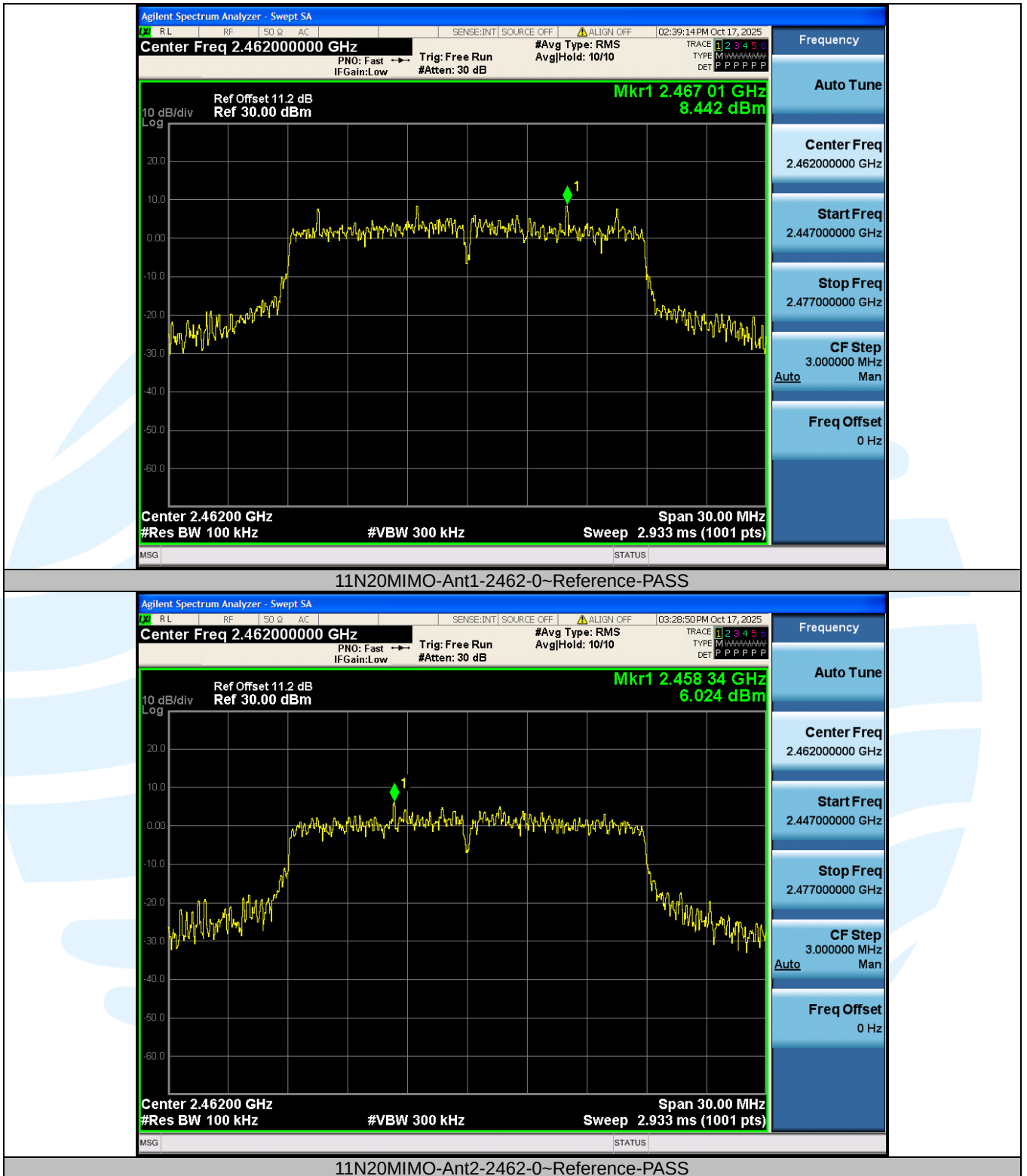
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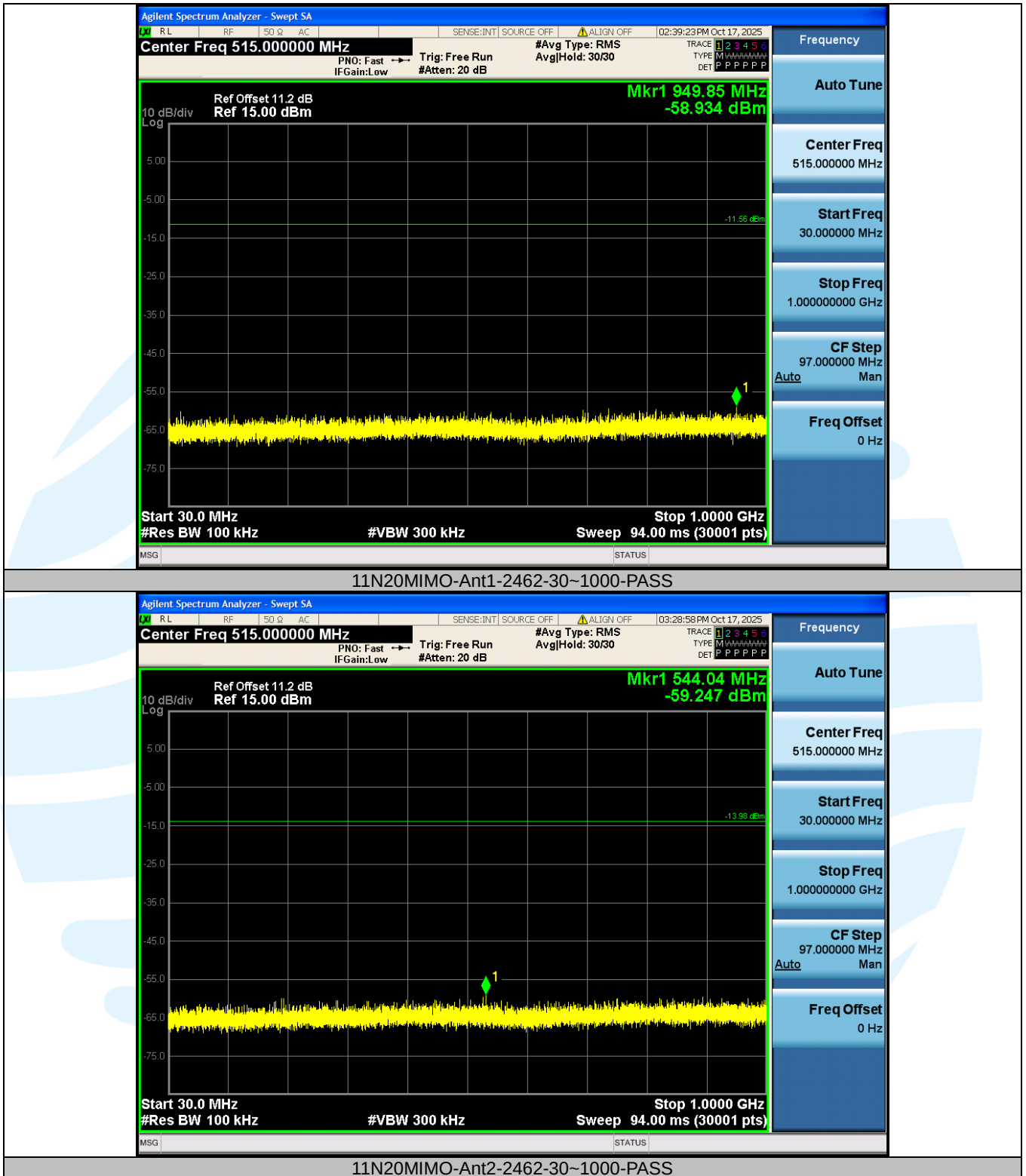
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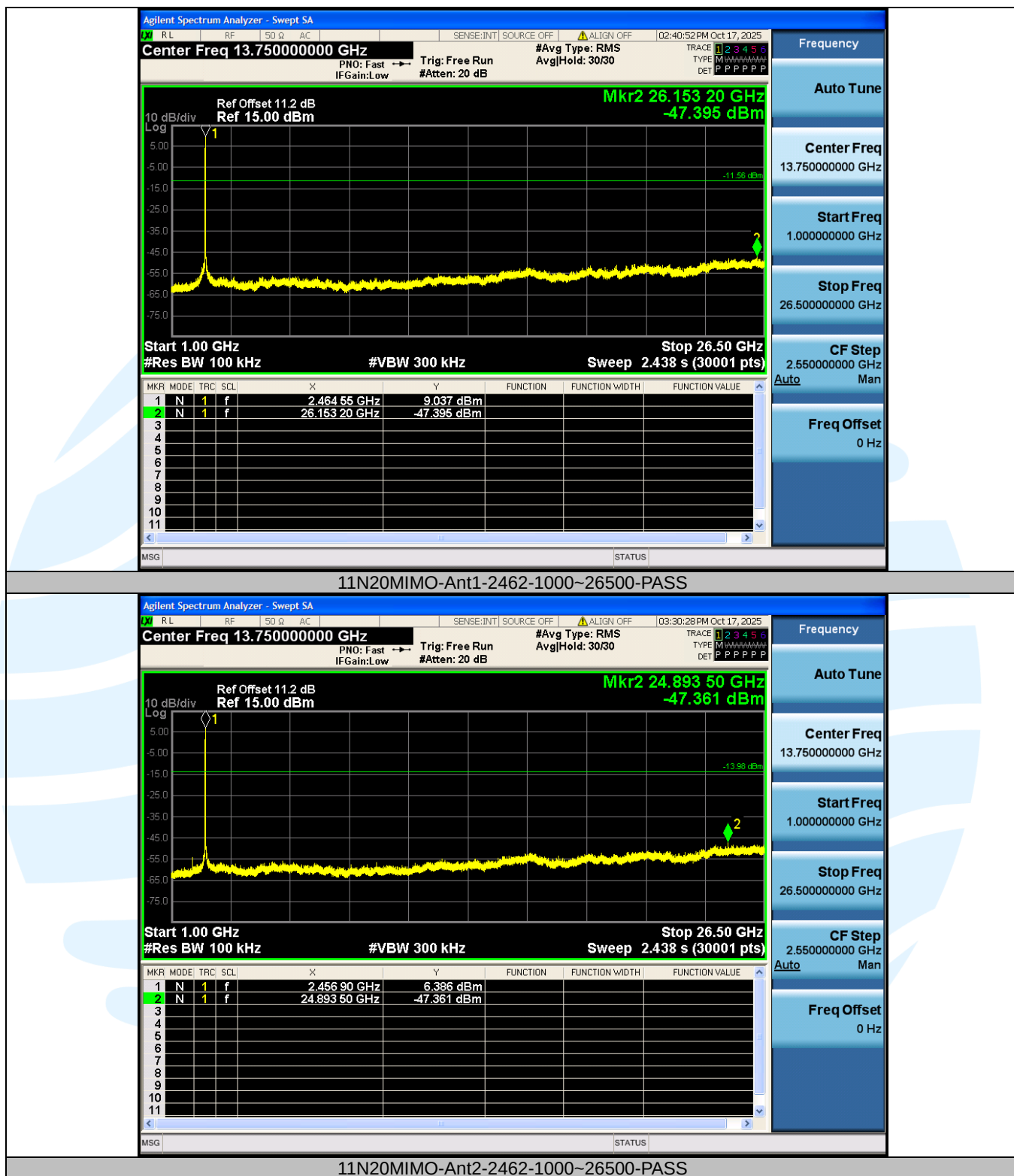
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UTTR-RF-FCCPART15.247-V1.2



Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N20MIMO-Ant1-2462-1000~26500-PASS

Agilent Spectrum Analyzer - Swept SA

RL

RF

ISO

AC

SENSE:INT SOURCE:OFF

ALIGN:OFF

03:30:28 PM Oct 17, 2025

Center Freq 13.75000000 GHz

PNO: 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

10 dB/div

Ref Offset 11.2 dB

Ref 15.00 dBm

Mkr2 24.893 50 GHz

-47.361 dBm

-13.98 dBm

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

Stop 26.50 GHz

MSG

STATUS

Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N20MIMO-Ant2-2462-1000~26500-PASS

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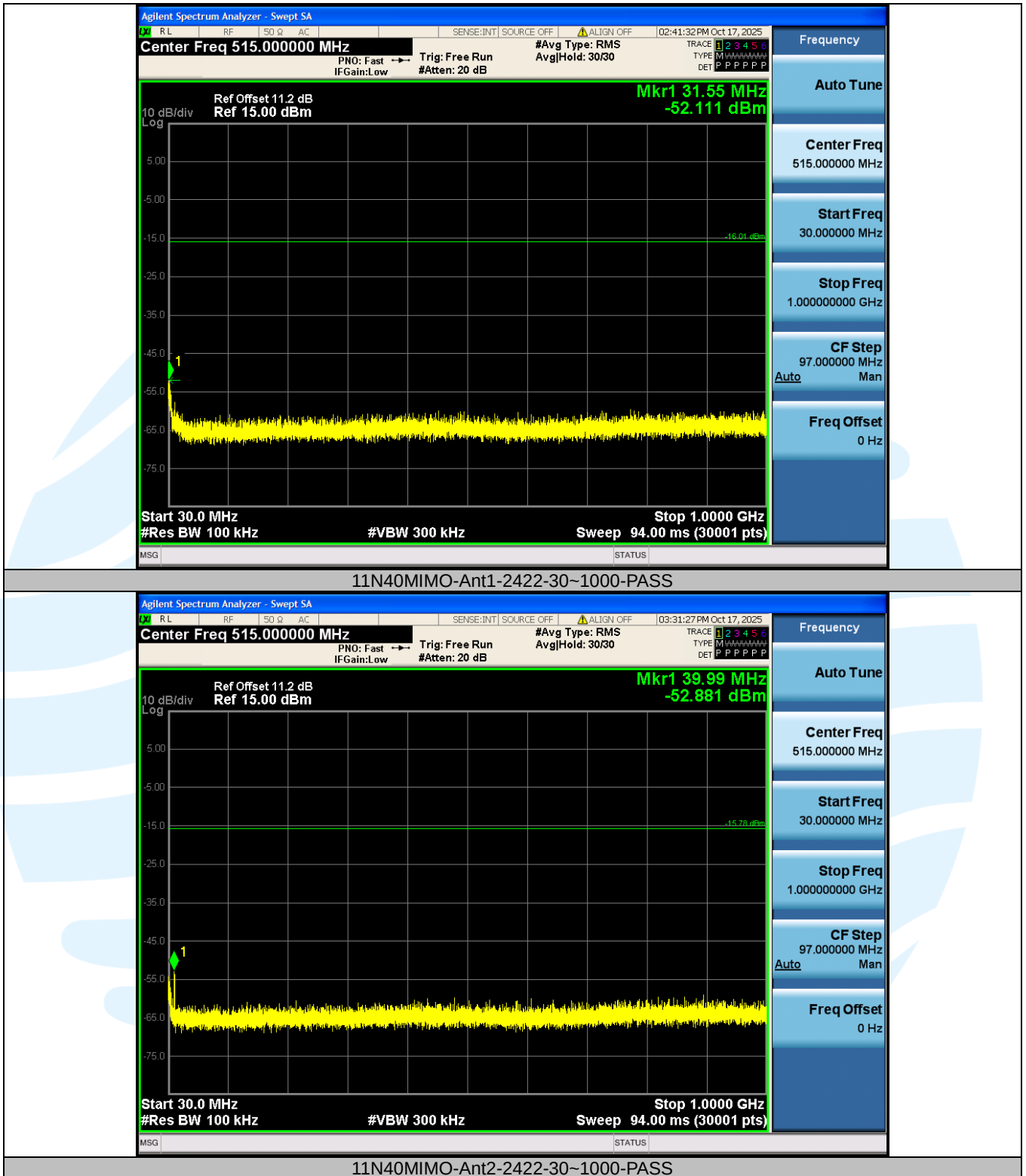
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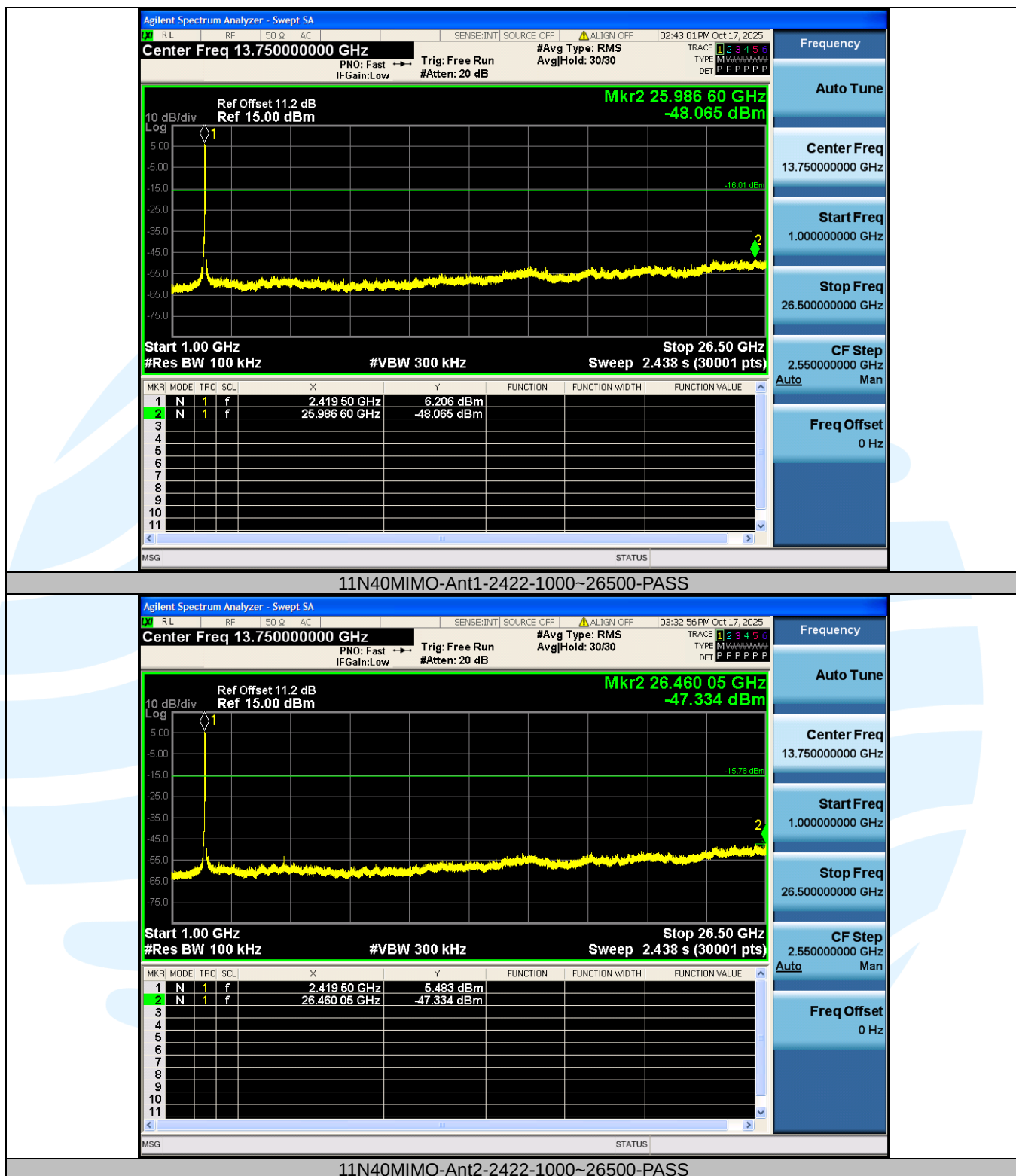
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Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N40MIMO-Ant1-2422-1000~26500-PASS

Agilent Spectrum Analyzer - Swept SA

RL

RF

ISO

AC

SENSE:INT SOURCE:OFF

ALIGN:OFF

03:32:56 PM Oct 17, 2025

Center Freq 13.75000000 GHz

PNO: Fast

IF Gain: Low

Trig: Free Run

#Atten: 20 dB

#Avg Type: RMS

Avg Hold: 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 P

10 dB/div

Ref Offset 11.2 dB

Ref 15.00 dBm

Mkr2 26.460 05 GHz

-47.334 dBm

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

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.419 50 GHz	6.483 dBm			
2	N	1	f	26.460 05 GHz	-47.334 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 13.75000000 GHz

Start Freq 1.000000000 GHz

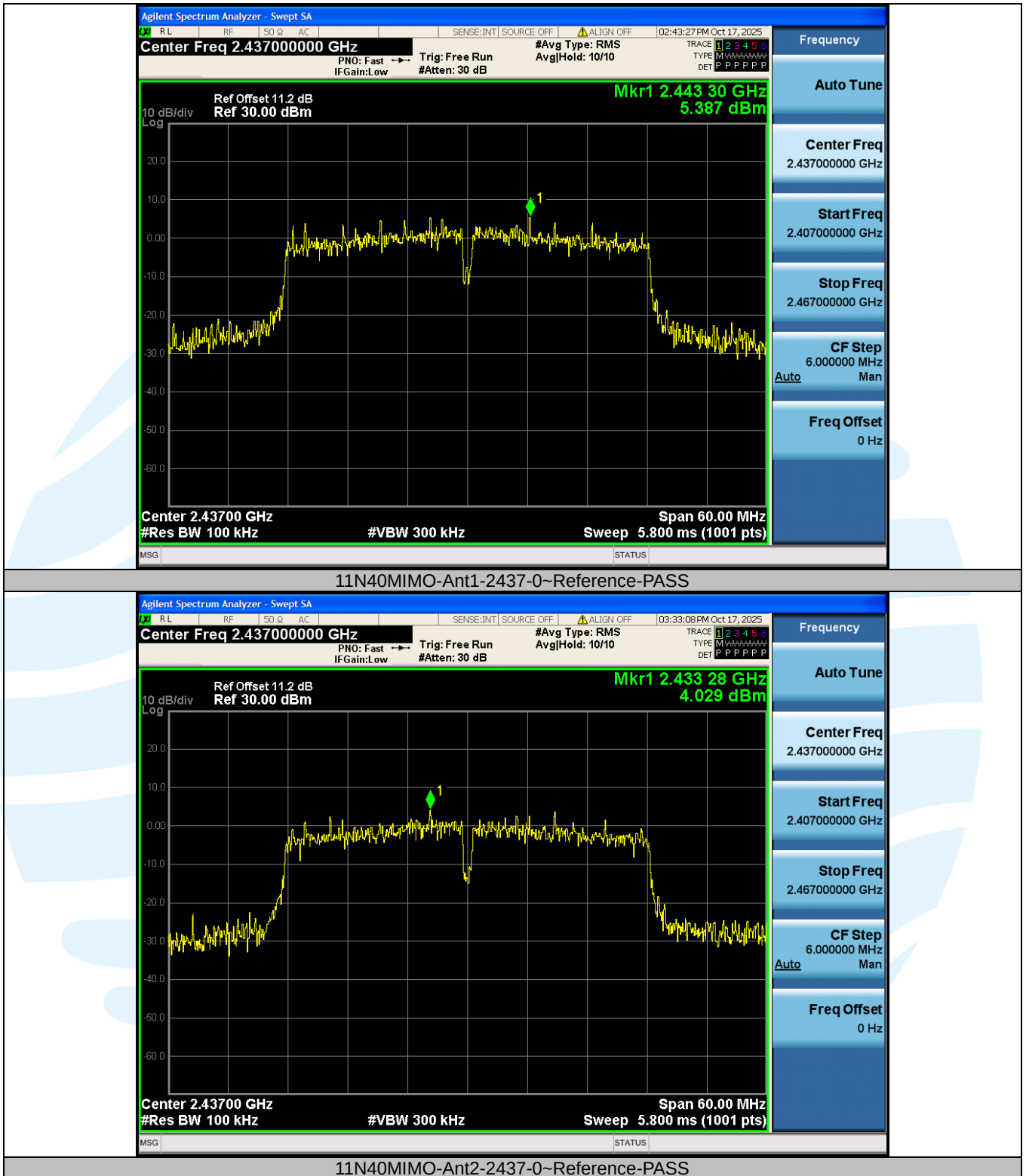
Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

11N40MIMO-Ant2-2422-1000~26500-PASS



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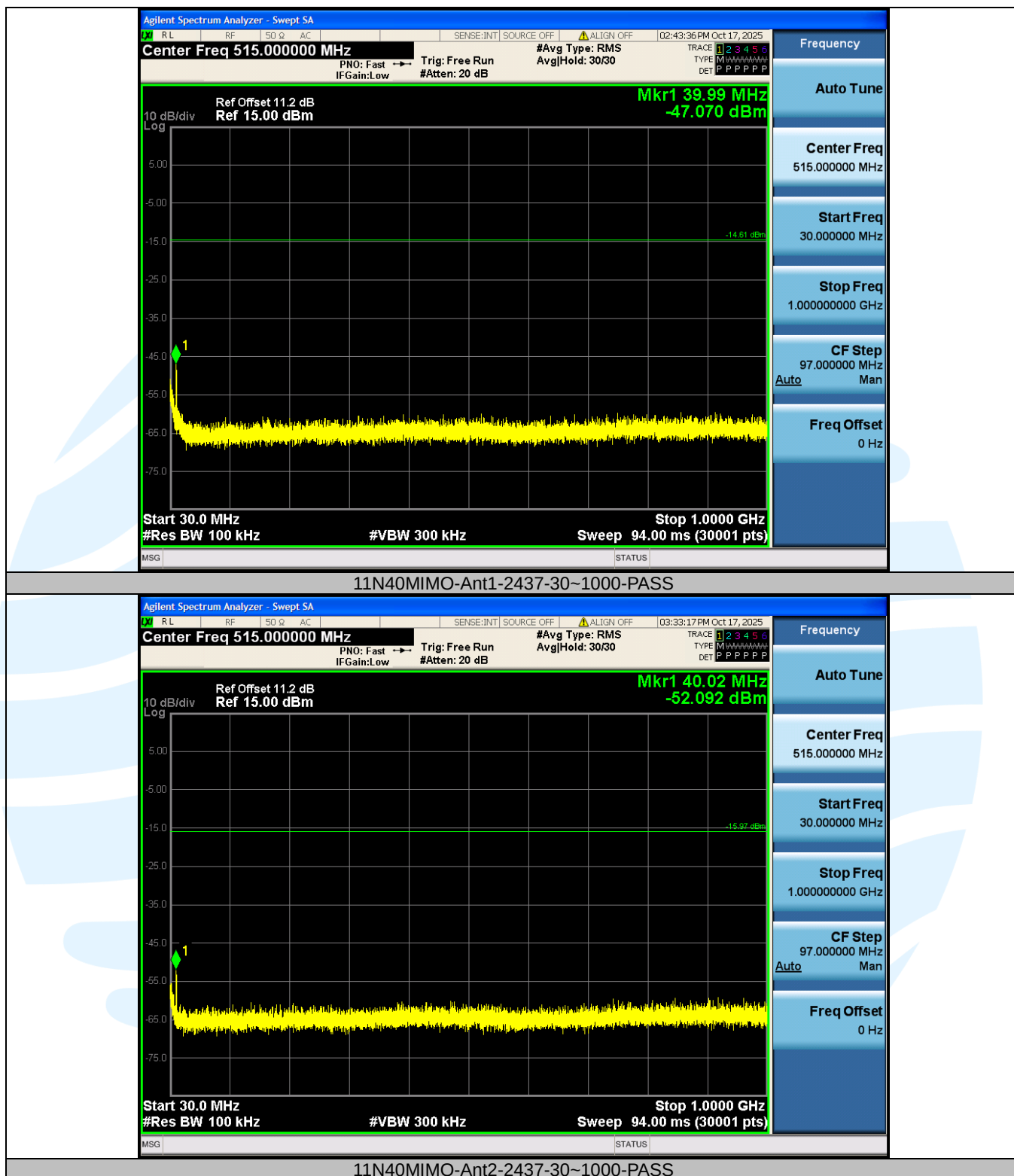
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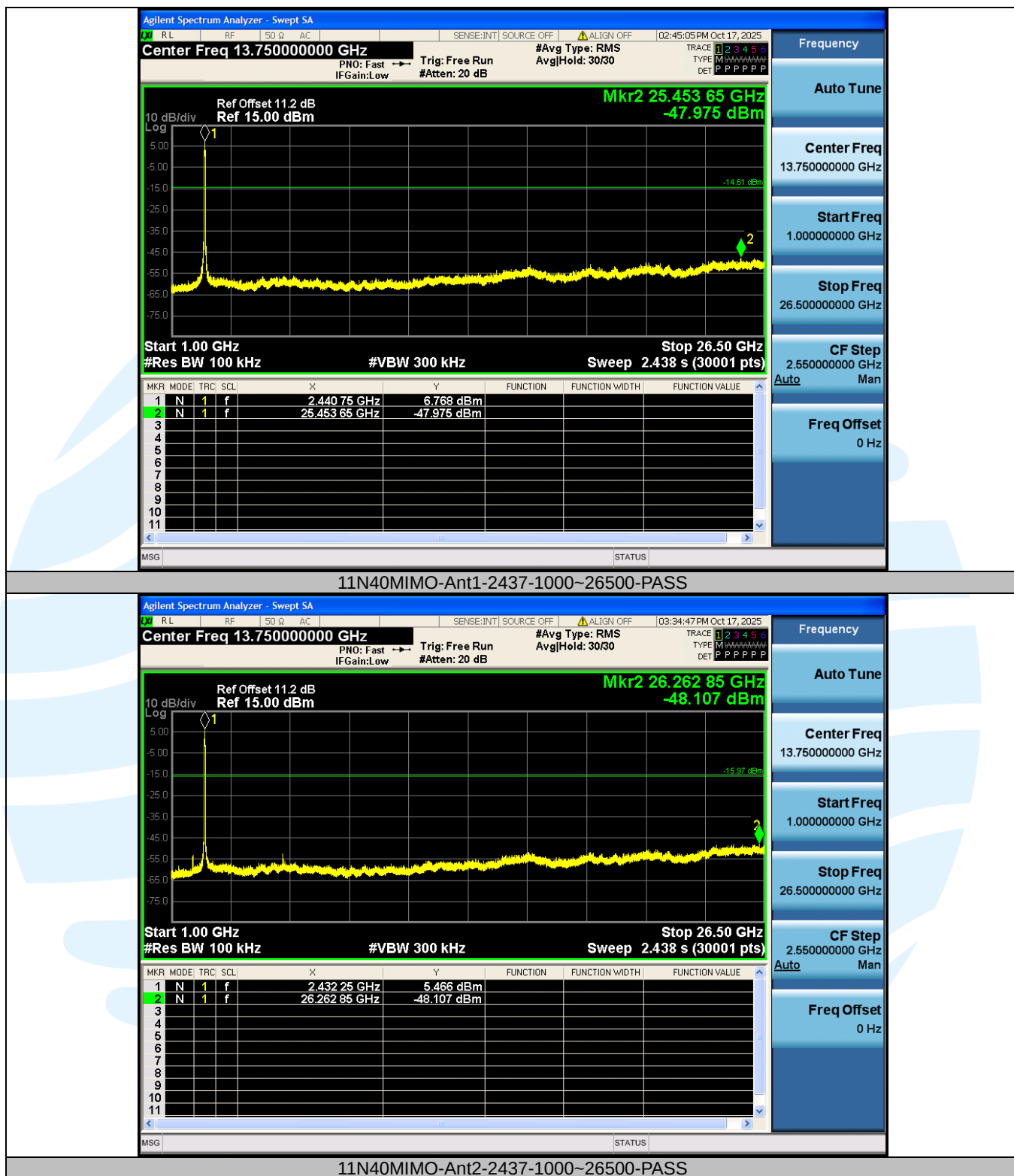
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UTTR-RF-FCCPART15.247-V1.2



Frequency

Auto Tune

Center Freq
13.75000000 GHz

Start Freq
1.00000000 GHz

Stop Freq
26.50000000 GHz

CF Step
2.55000000 GHz

Auto Man

Freq Offset
0 Hz

11N40MIMO-Ant1-2437-1000~26500-PASS

Agilent Spectrum Analyzer - Swept SA

RL

RF

ISO

AC

SENSE:INT SOURCE:OFF

ALIGN:OFF

03:34:47 PM Oct 17, 2025

Center Freq 13.75000000 GHz

PNO: 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 P

10 dB/div

Log

Ref Offset 11.2 dB

Ref 15.00 dBm

Mkr2 26.262 85 GHz

-48.107 dBm

-15.97 dBm

Start 1.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.438 s (30001 pts)

Stop 26.50 GHz

MSG

STATUS

Frequency

Auto Tune

Center Freq
13.75000000 GHz

Start Freq
1.00000000 GHz

Stop Freq
26.50000000 GHz

CF Step
2.55000000 GHz

Auto Man

Freq Offset
0 Hz

11N40MIMO-Ant2-2437-1000~26500-PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

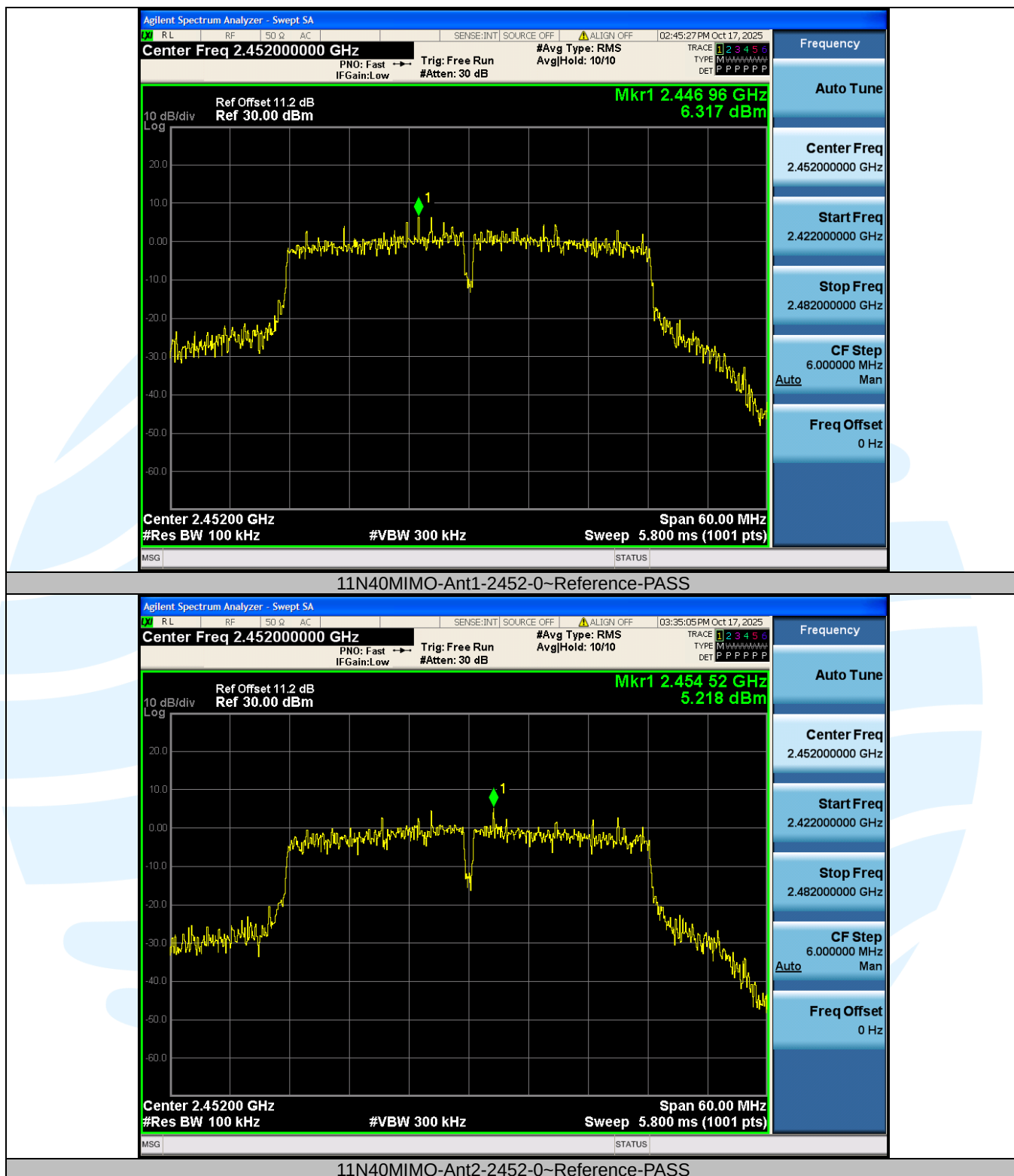
Address: 16/F, Block A, Building 6th, Baoheng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

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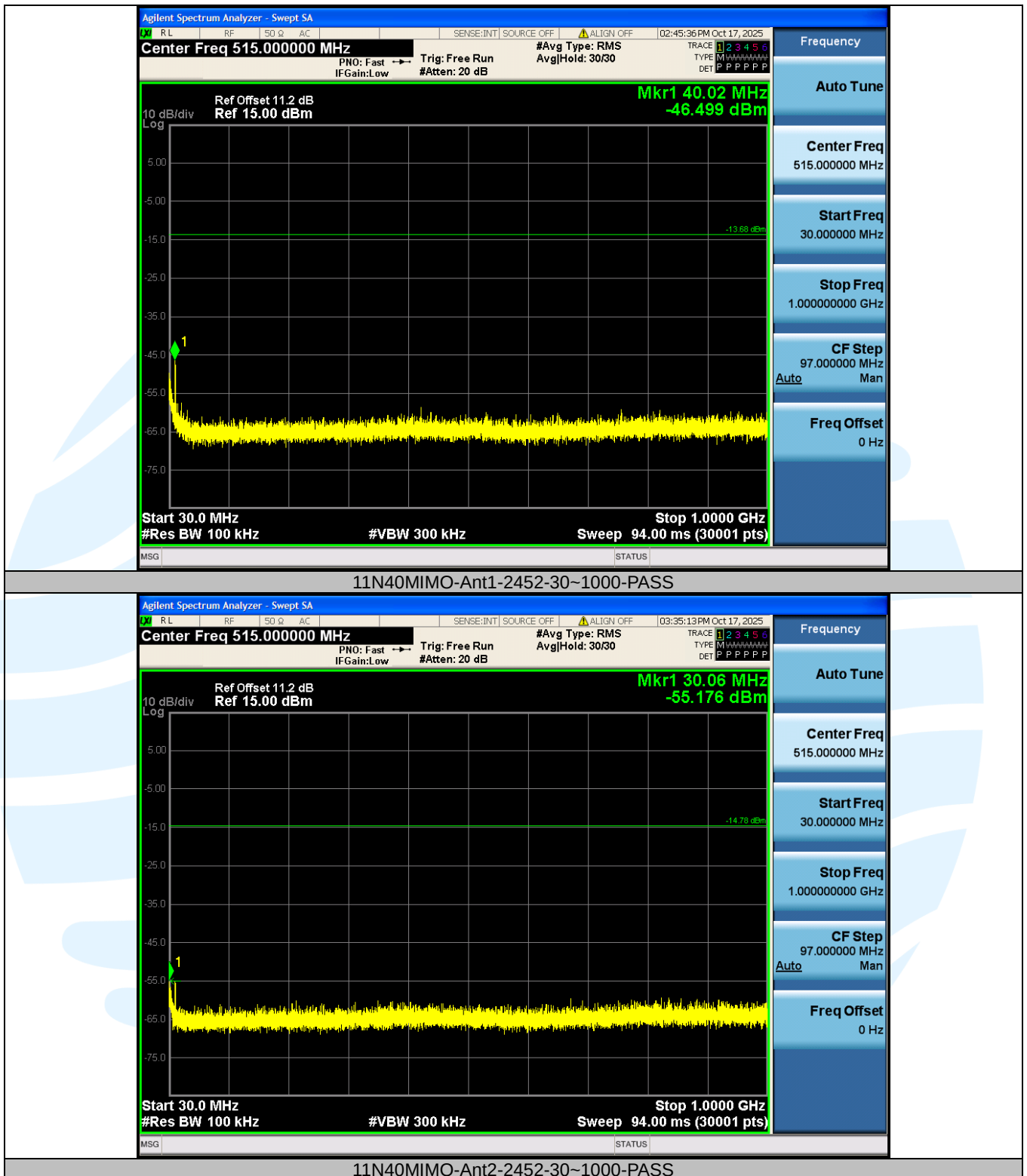
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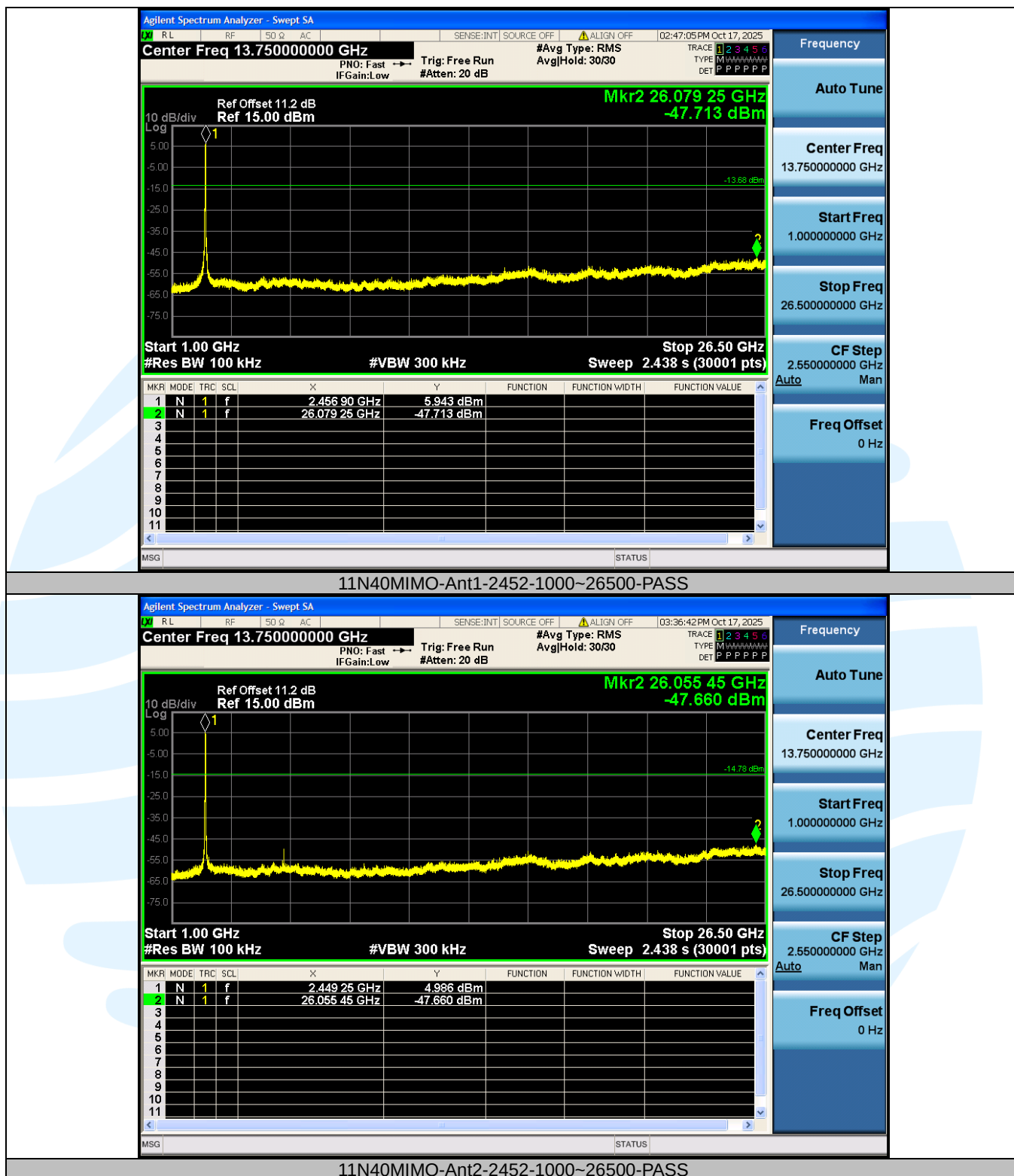
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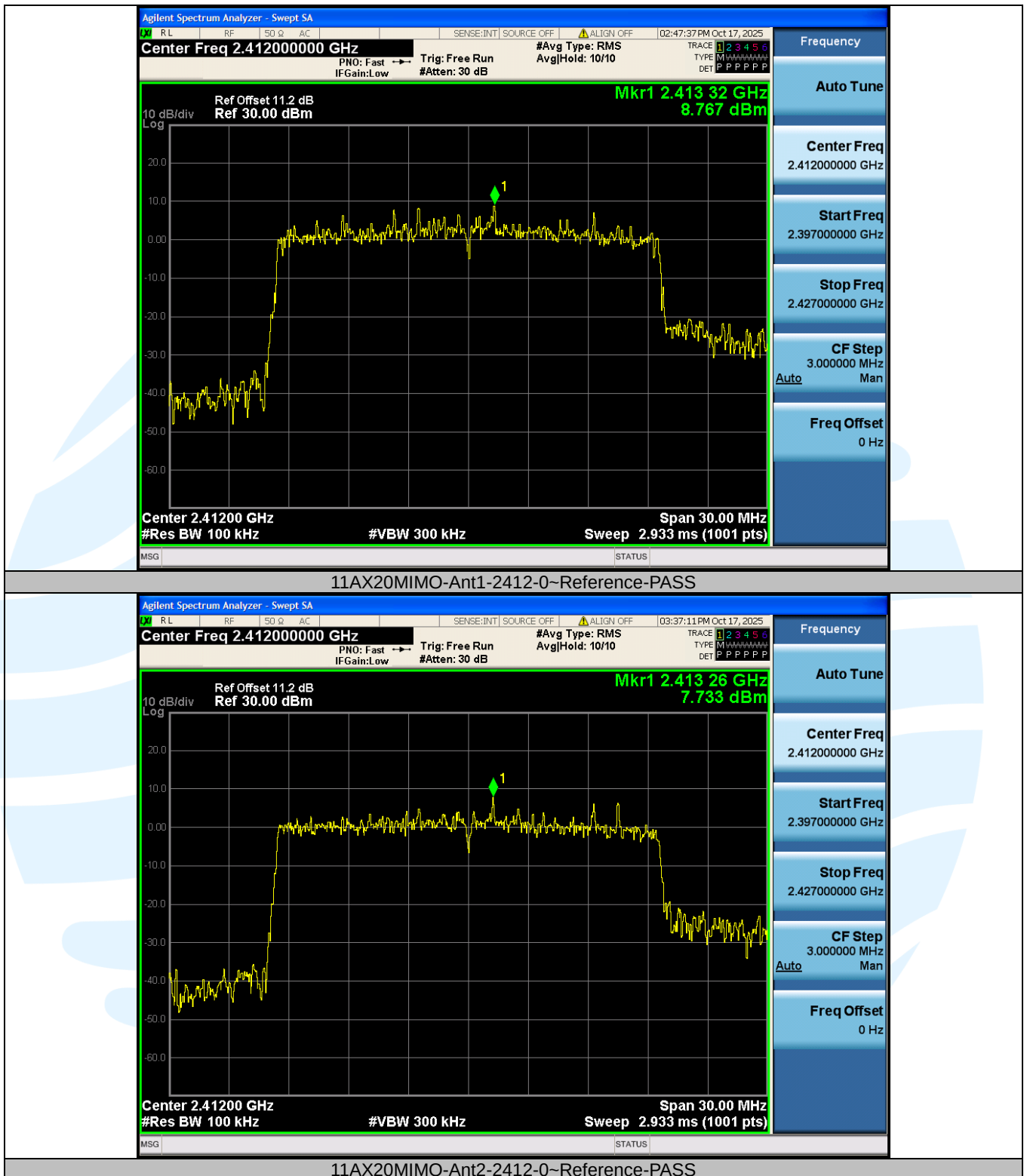
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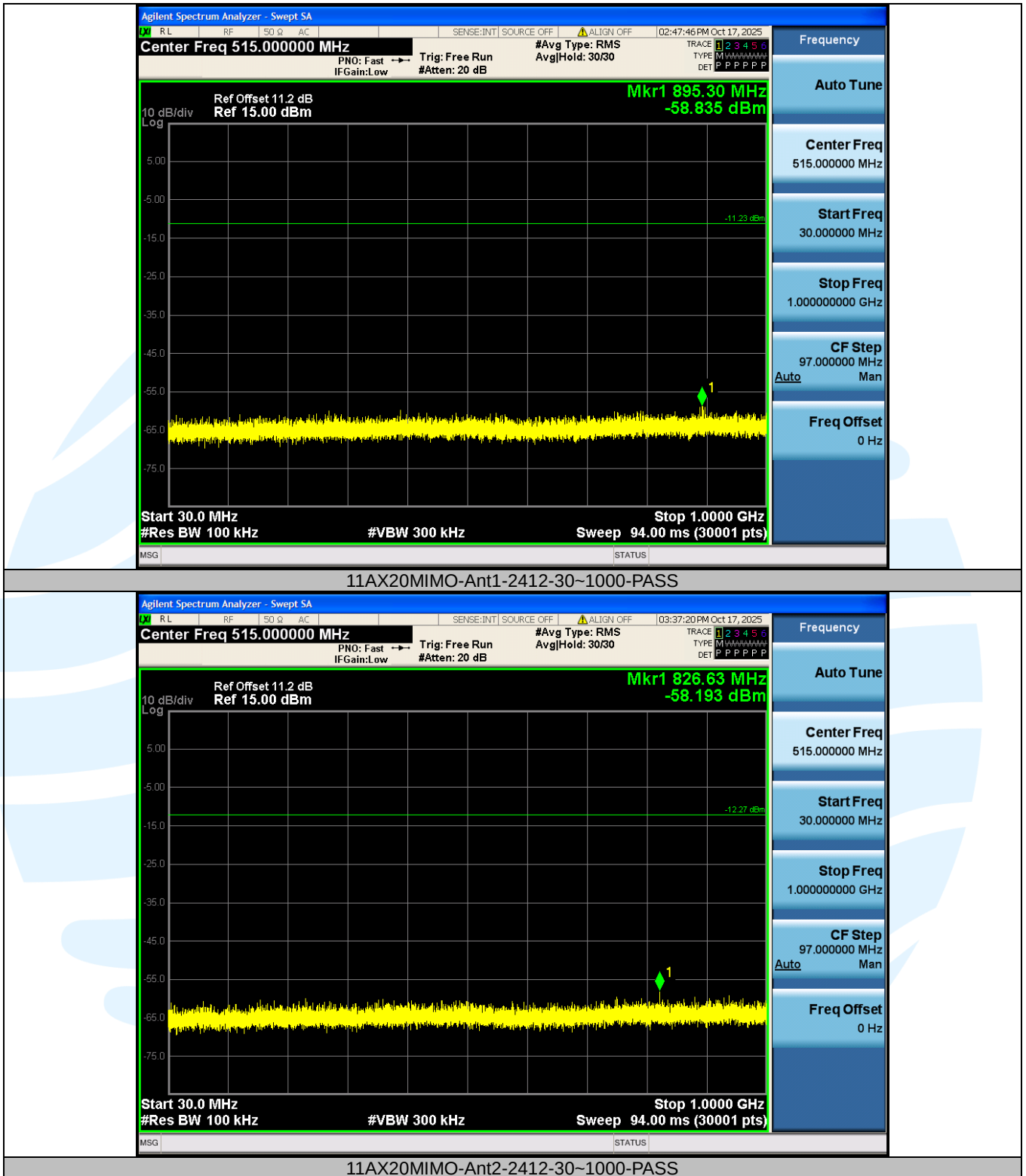
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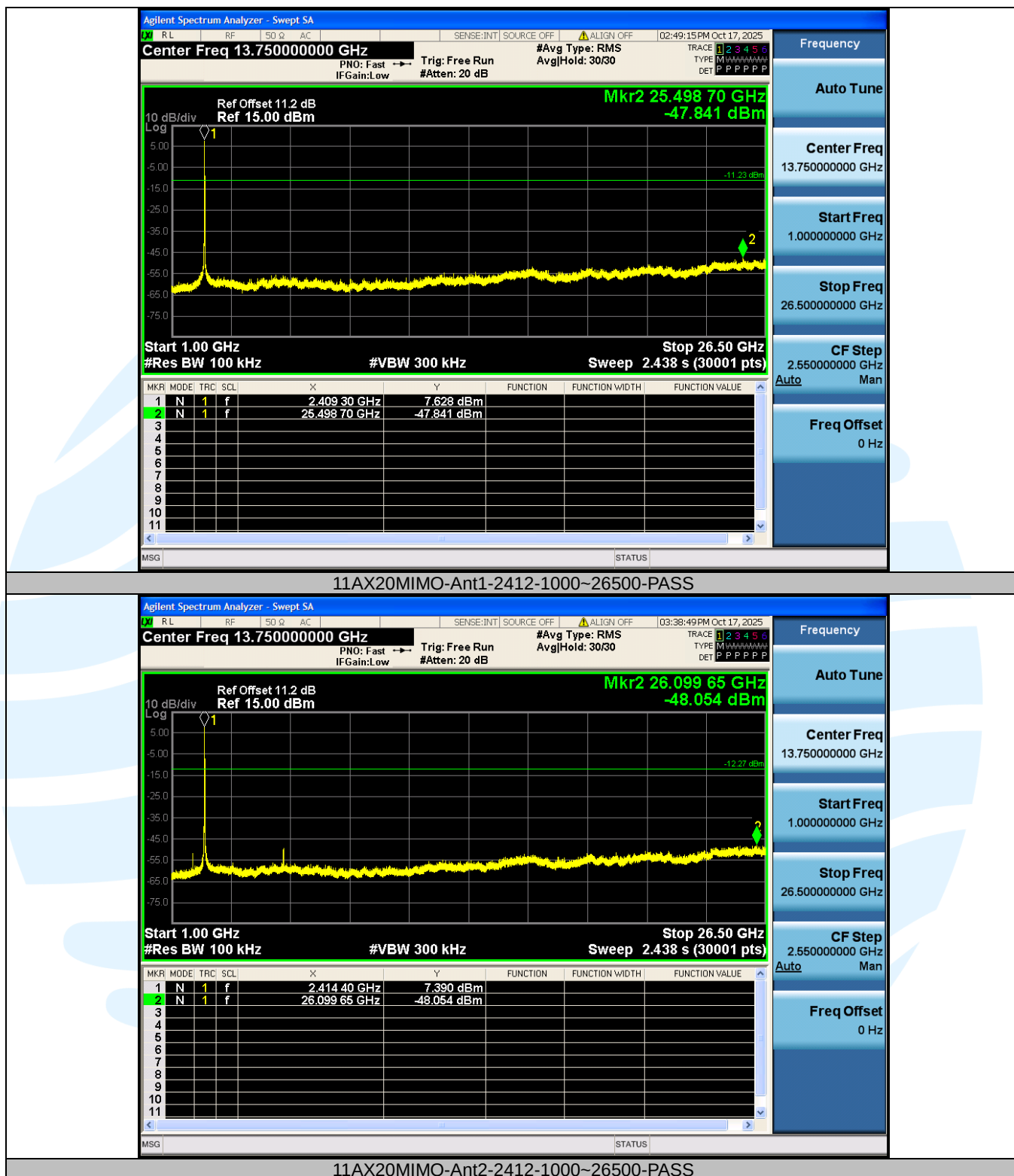
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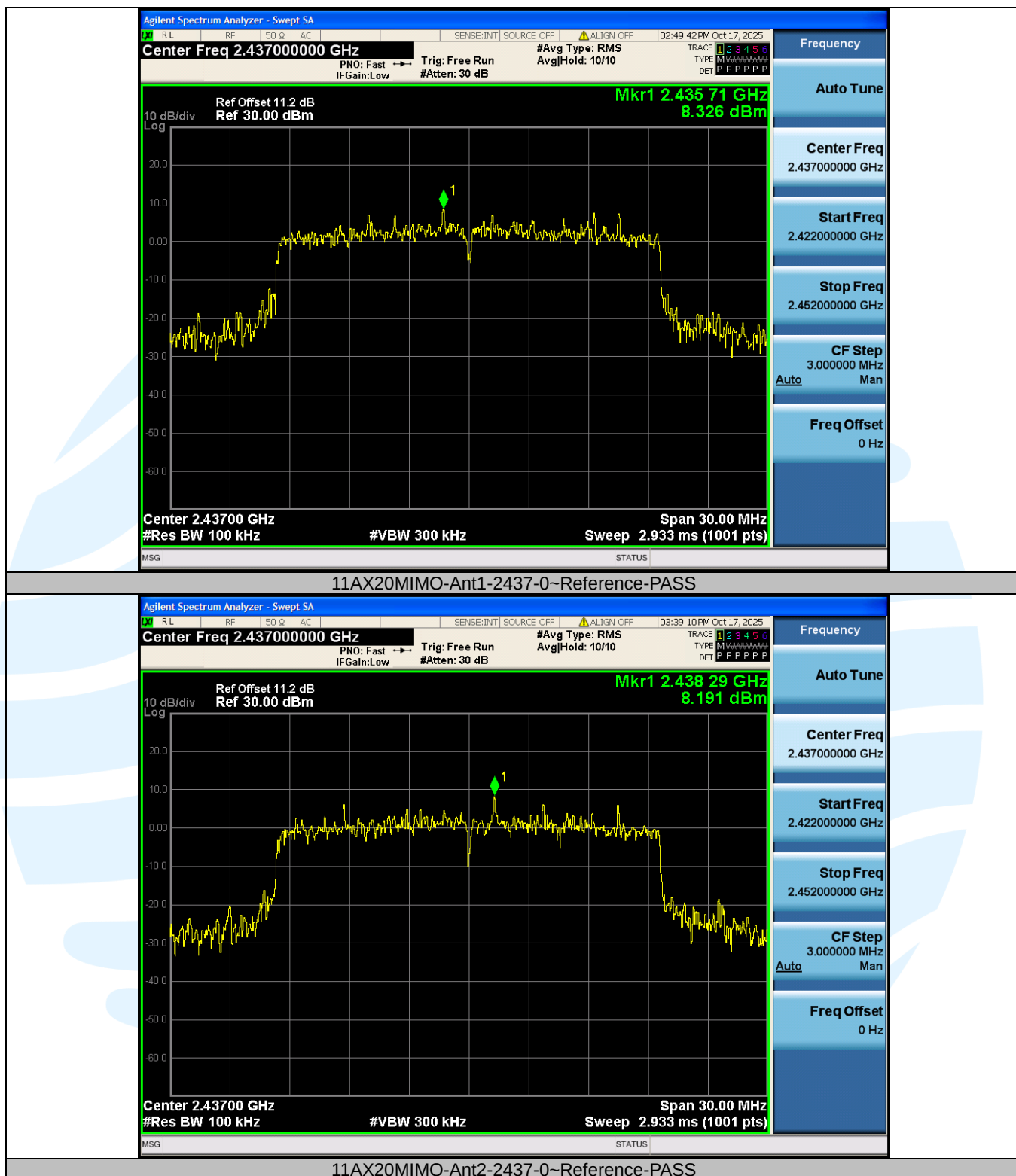
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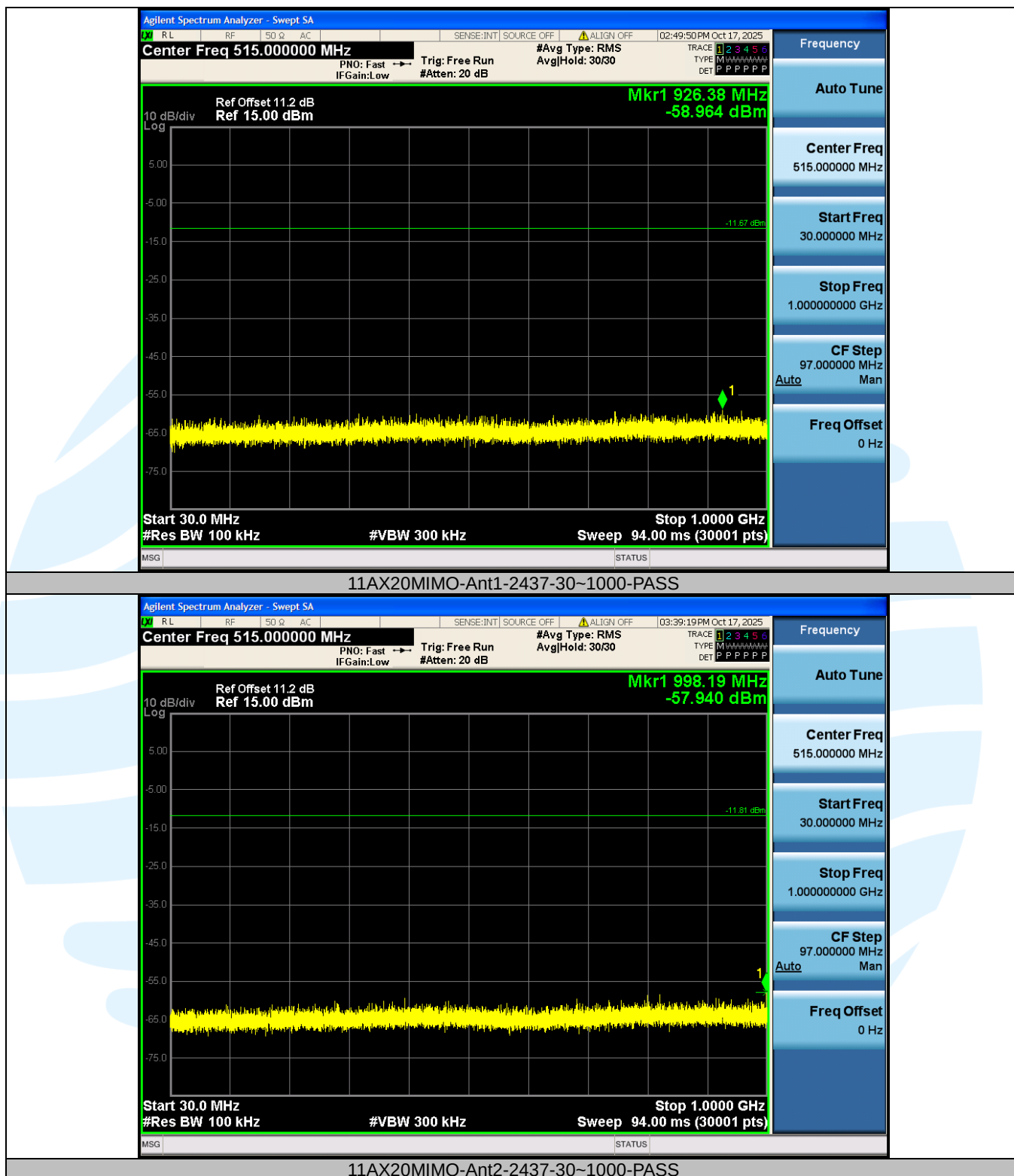
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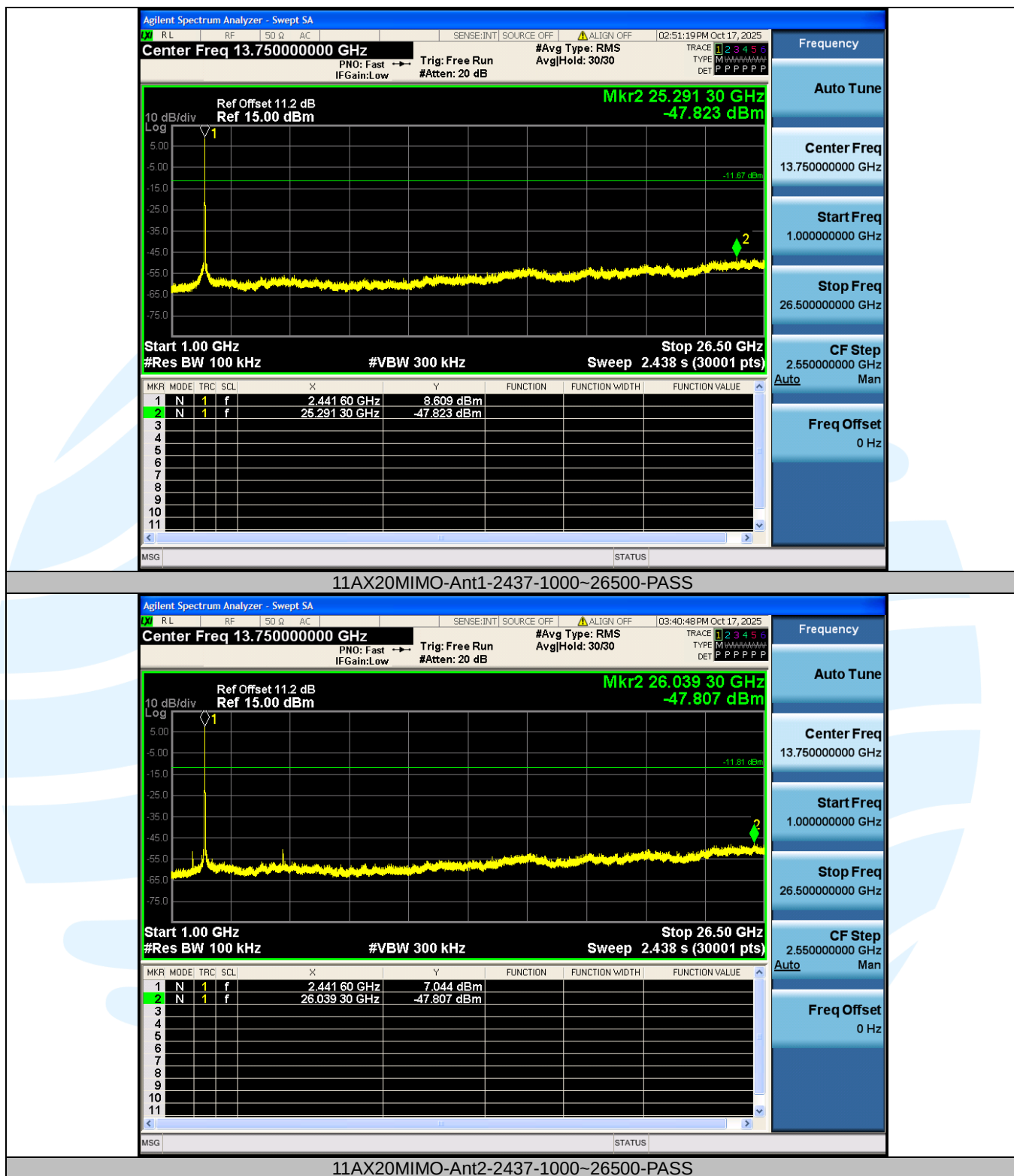
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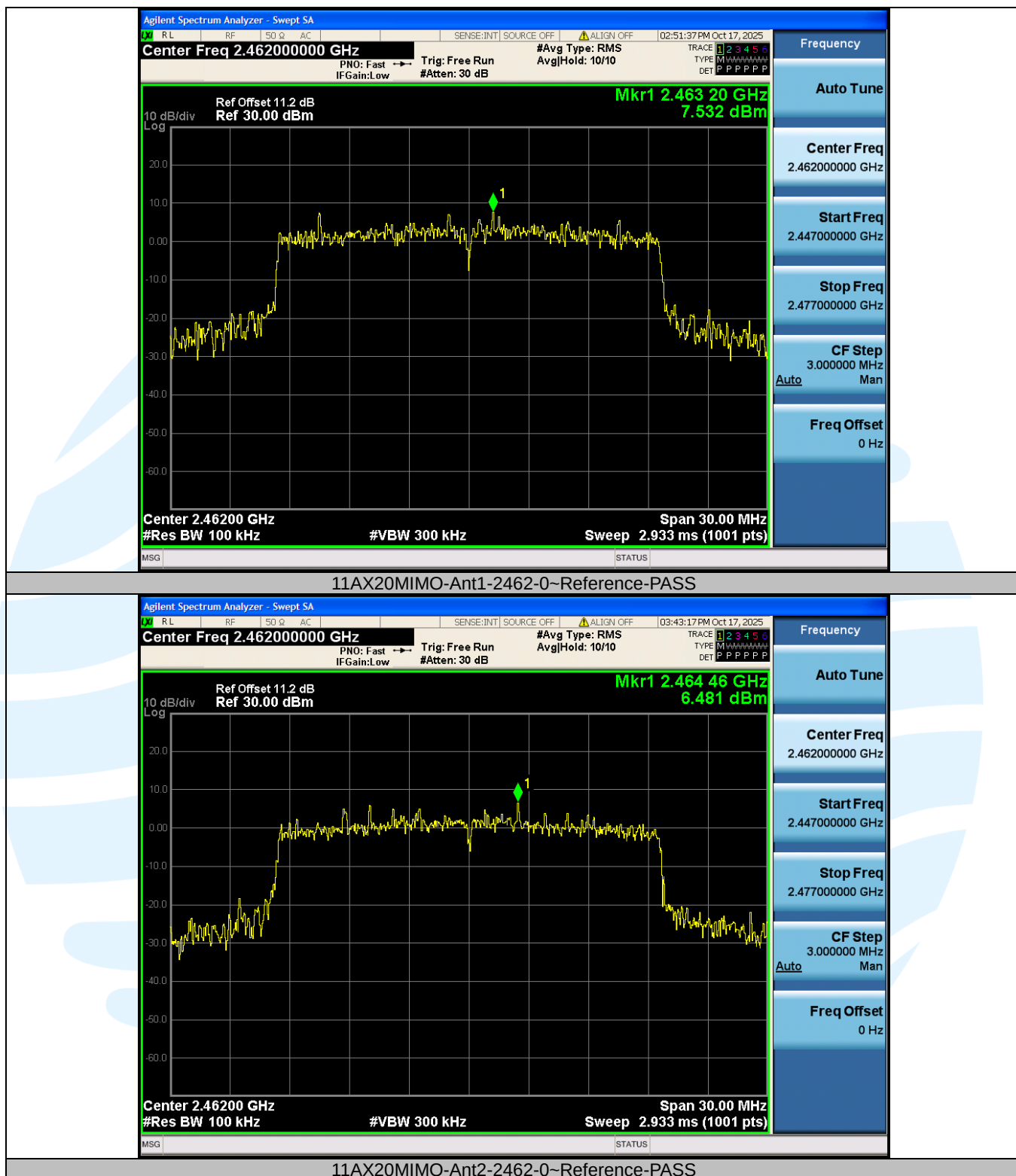
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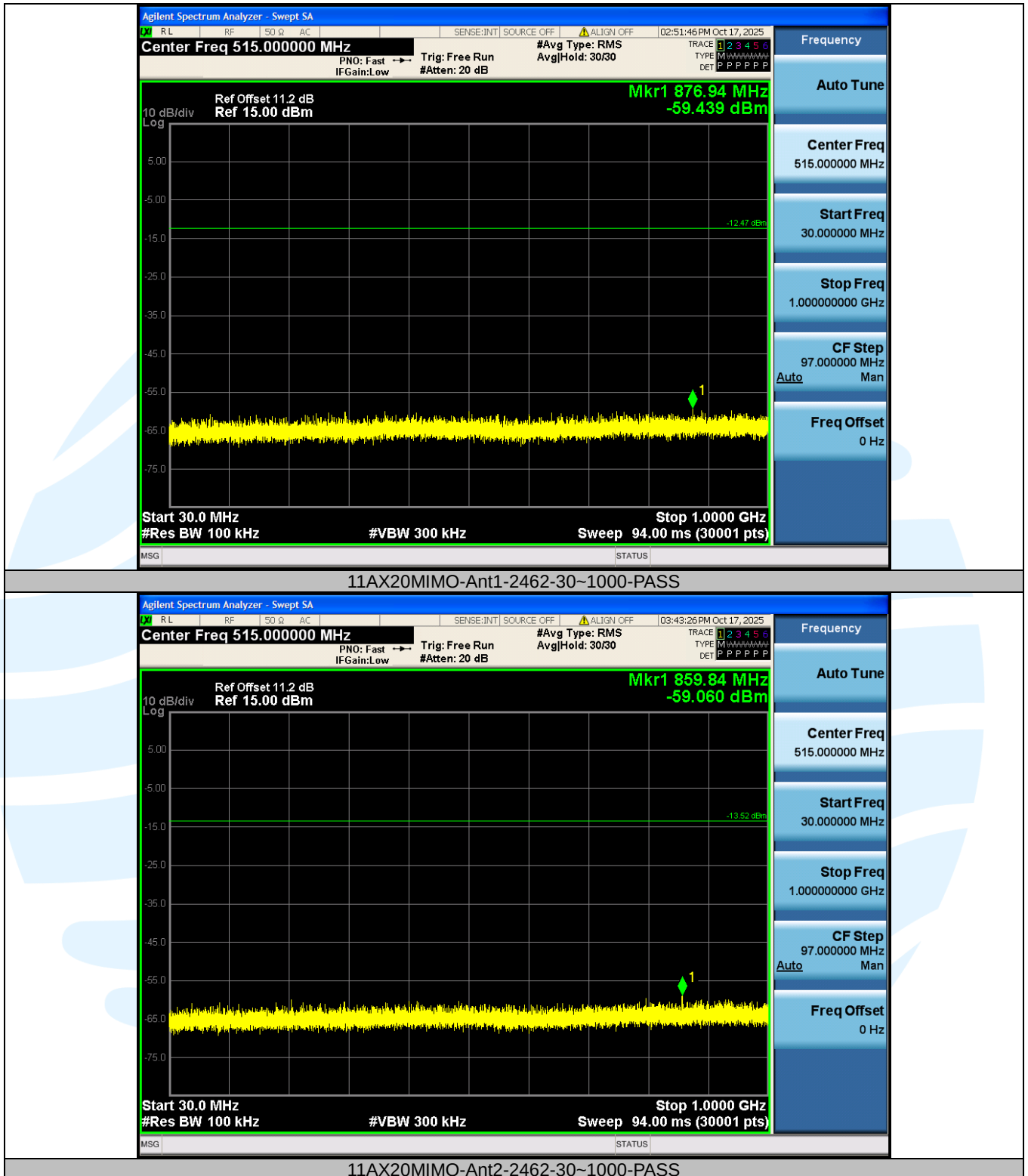
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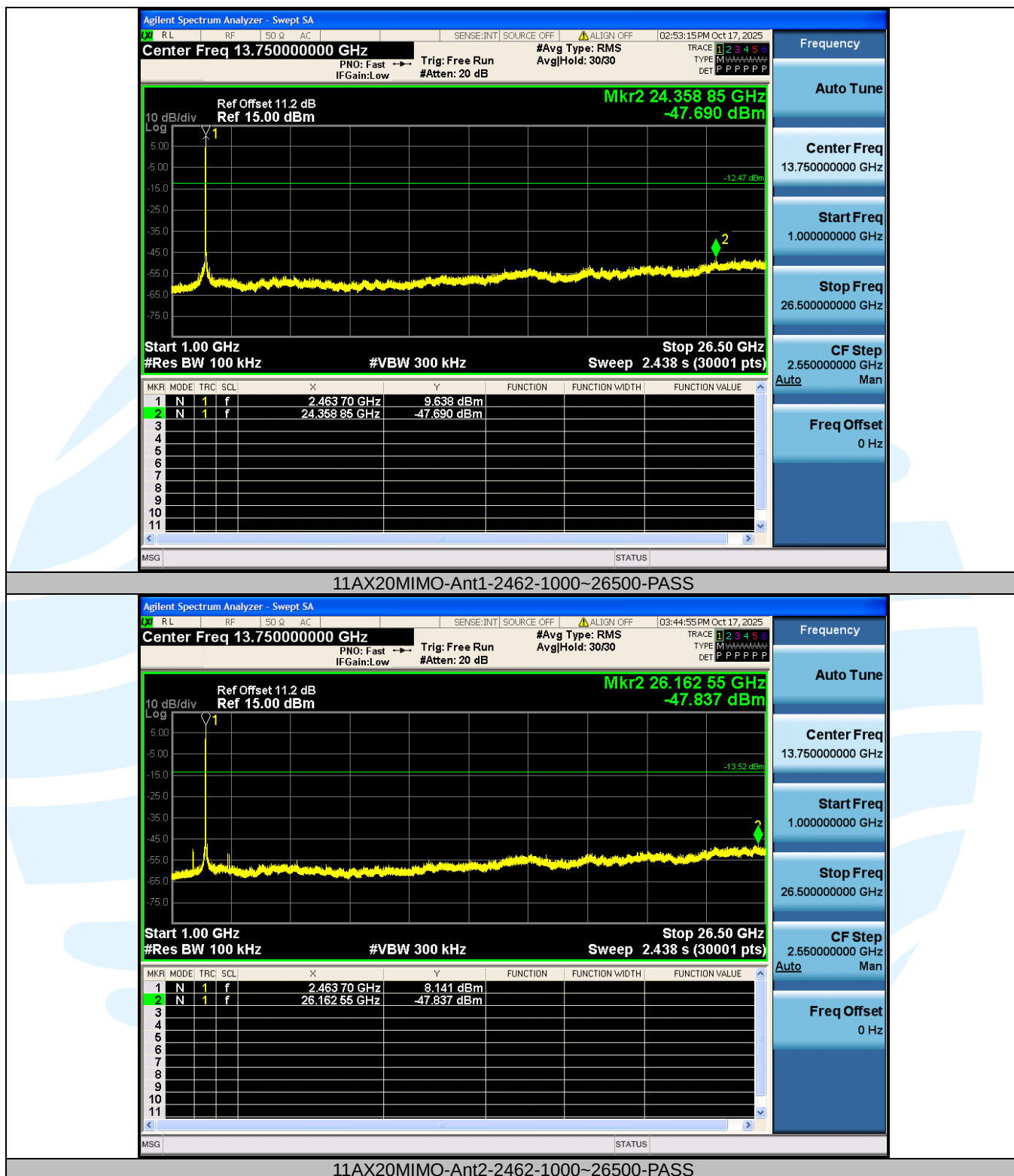
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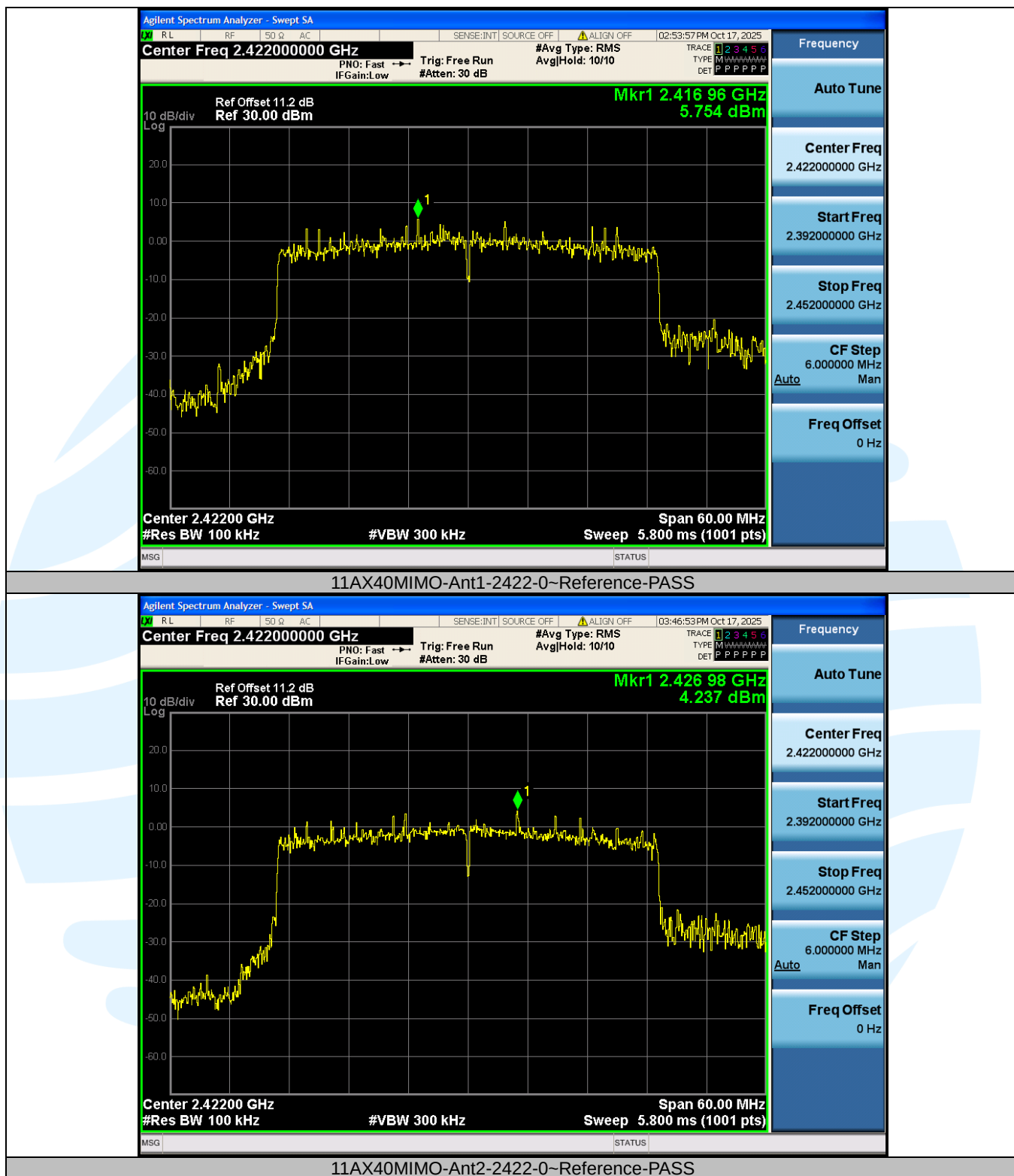
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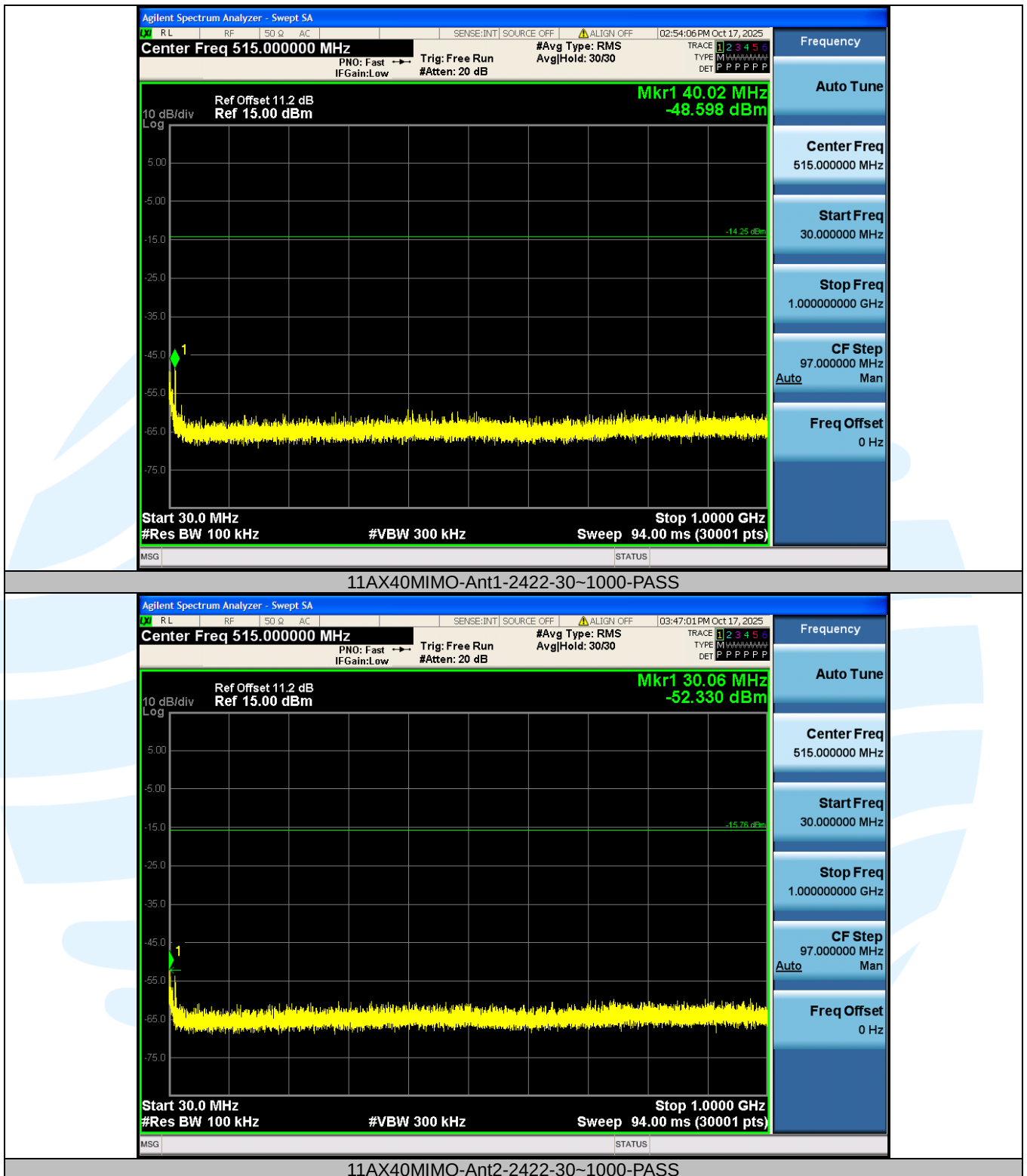
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