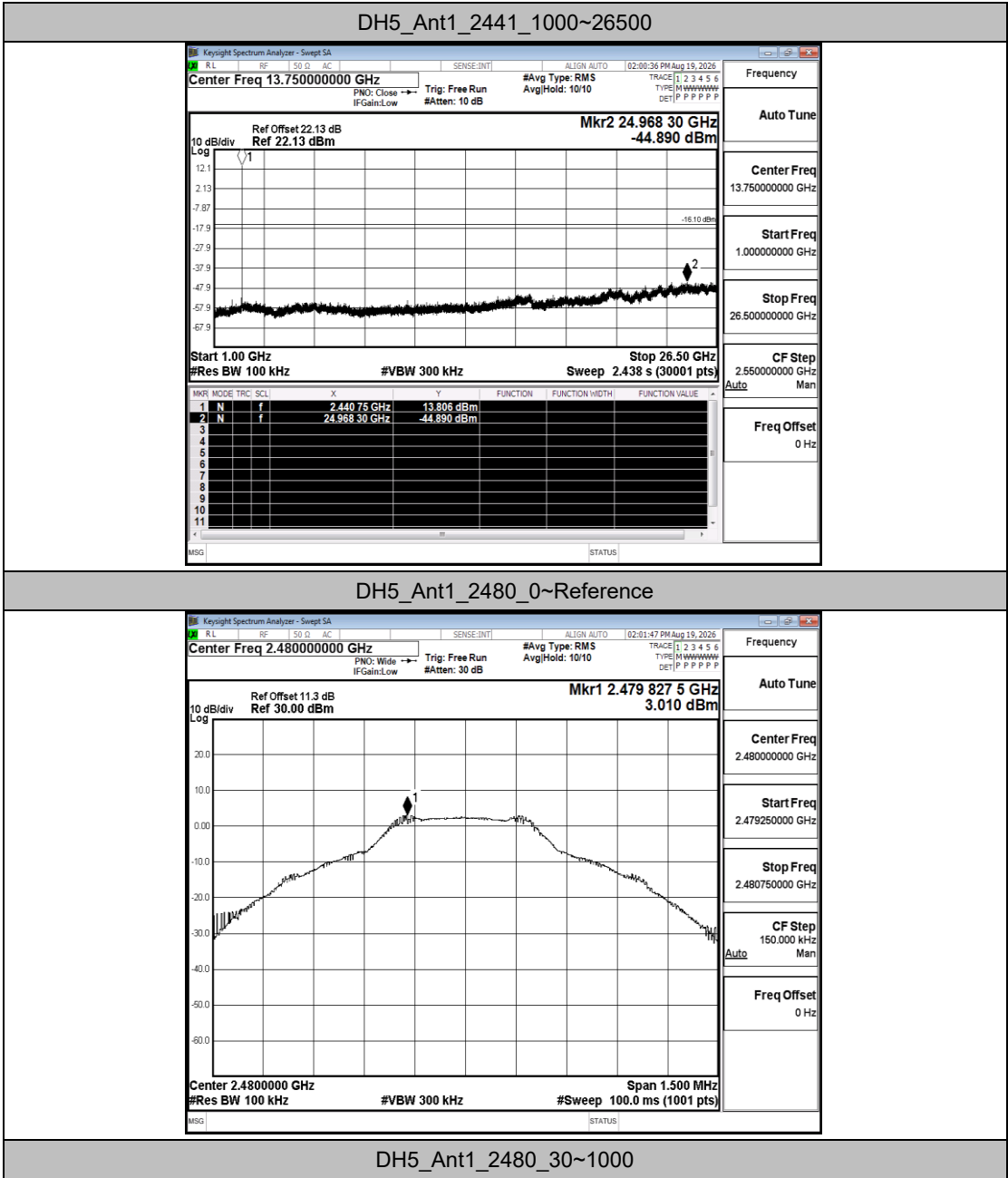
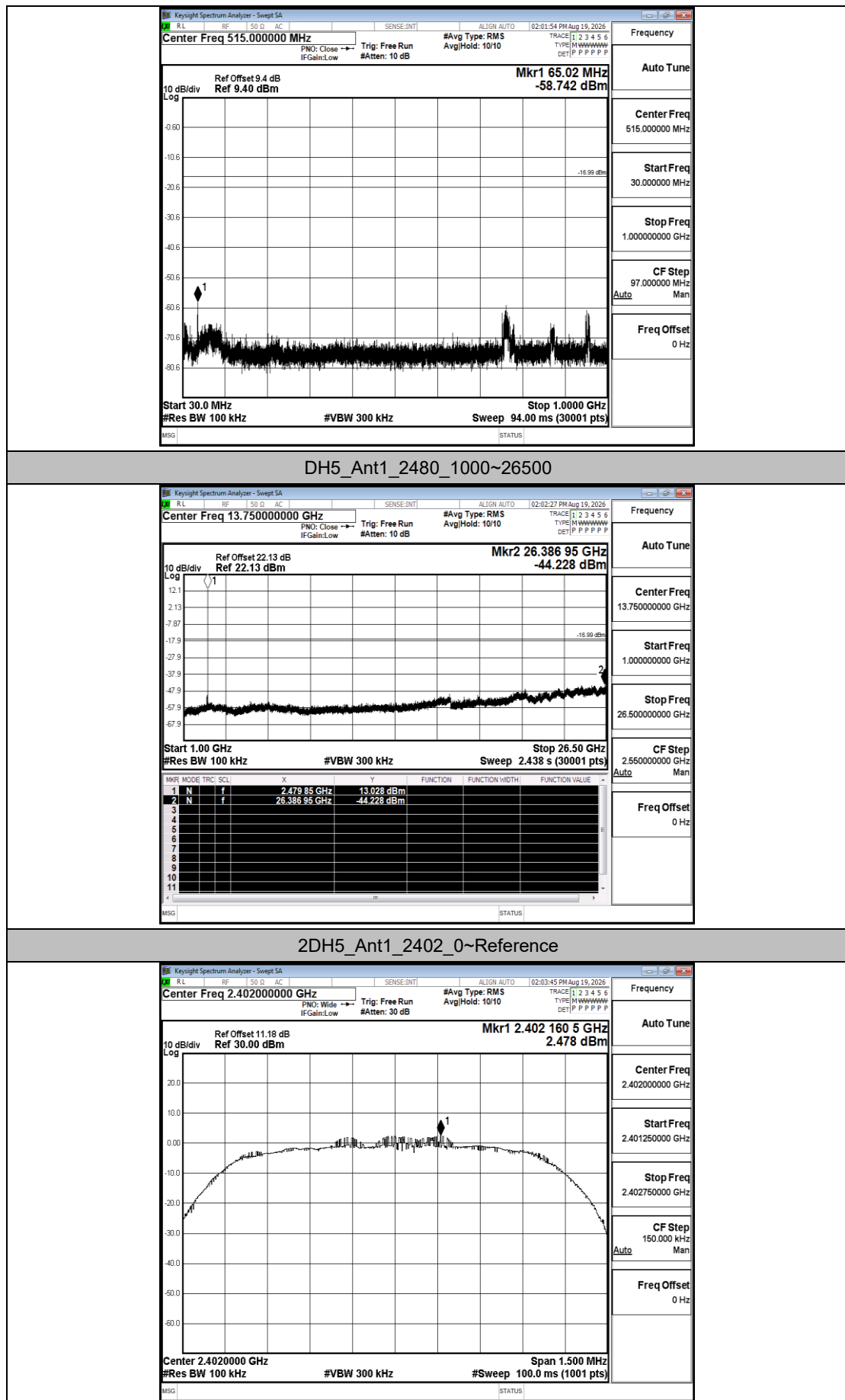


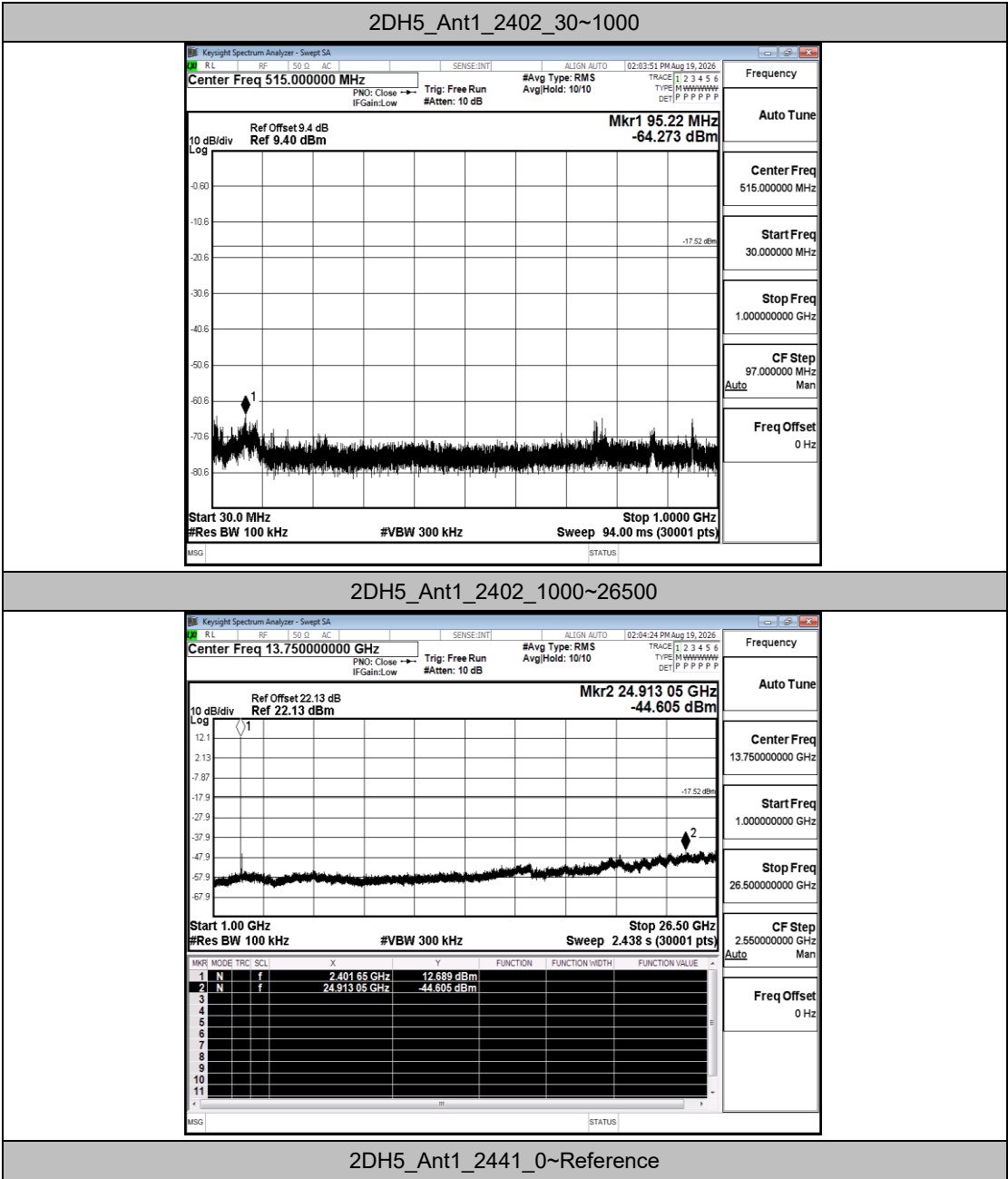




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2DH5_Ant1_2402_1000~26500

KeySight Spectrum Analyzer - Swept SA

RL

RF

50

0

AC

SENSE:INT

ALIGN AUTO

02:04:24 PM Aug 19, 2026

Center Freq 13.750000000 GHz

Trig: Free Run

#Avg Type: RMS

Avg/Hold: 10/10

TRACE 1 2 3 4 5 6

TYPE: N W W W W W W

DET: P P P P P P P

Ref Offset 22.13 dB

Ref 22.13 dBm

Mkr2 24.913 05 GHz

-44.605 dBm

10 dB/div

Log

12.1

2.13

-7.87

-17.9

-27.9

-37.9

-47.9

-57.9

-67.9

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 13.750000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

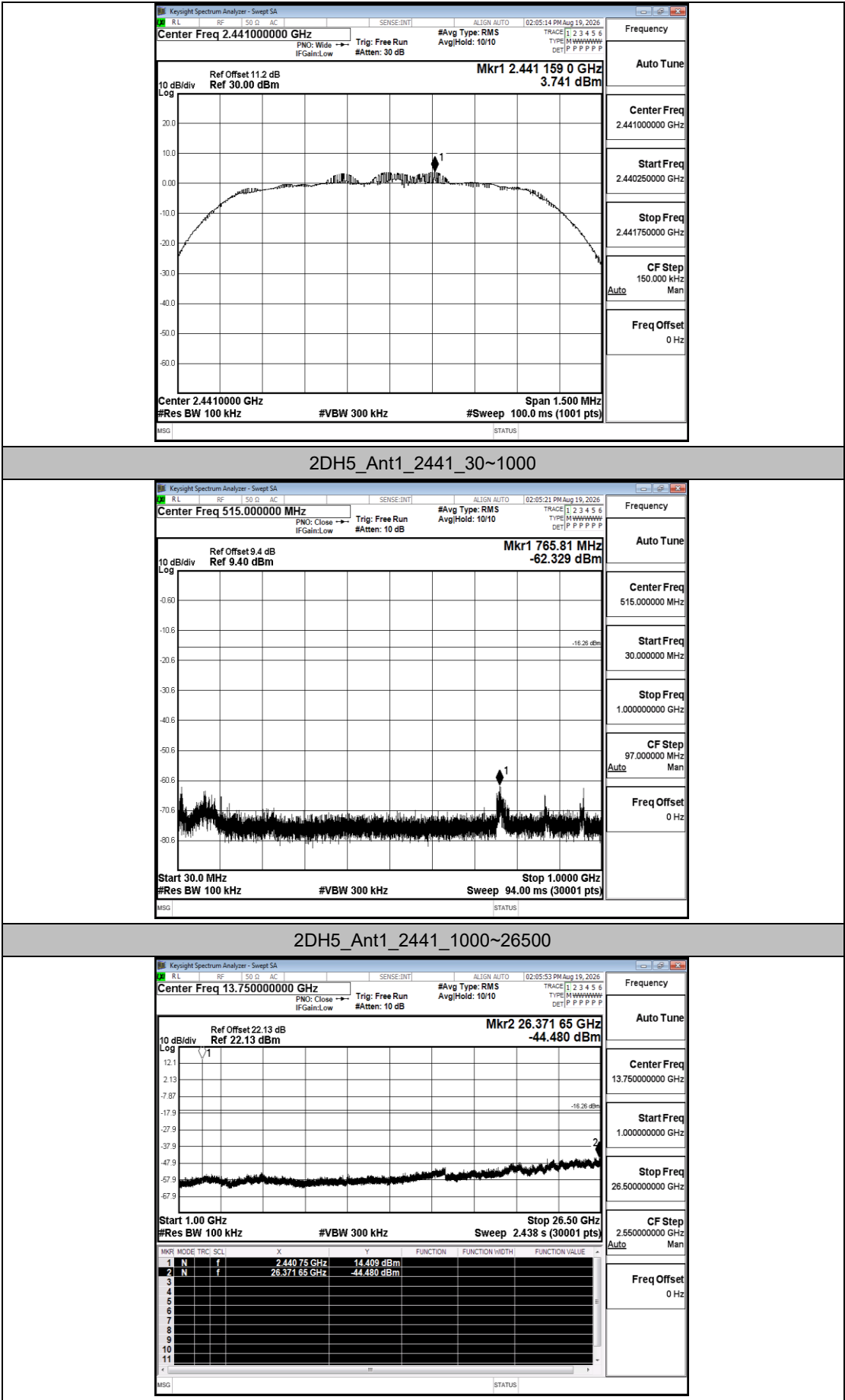
CF Step 2.550000000 GHz

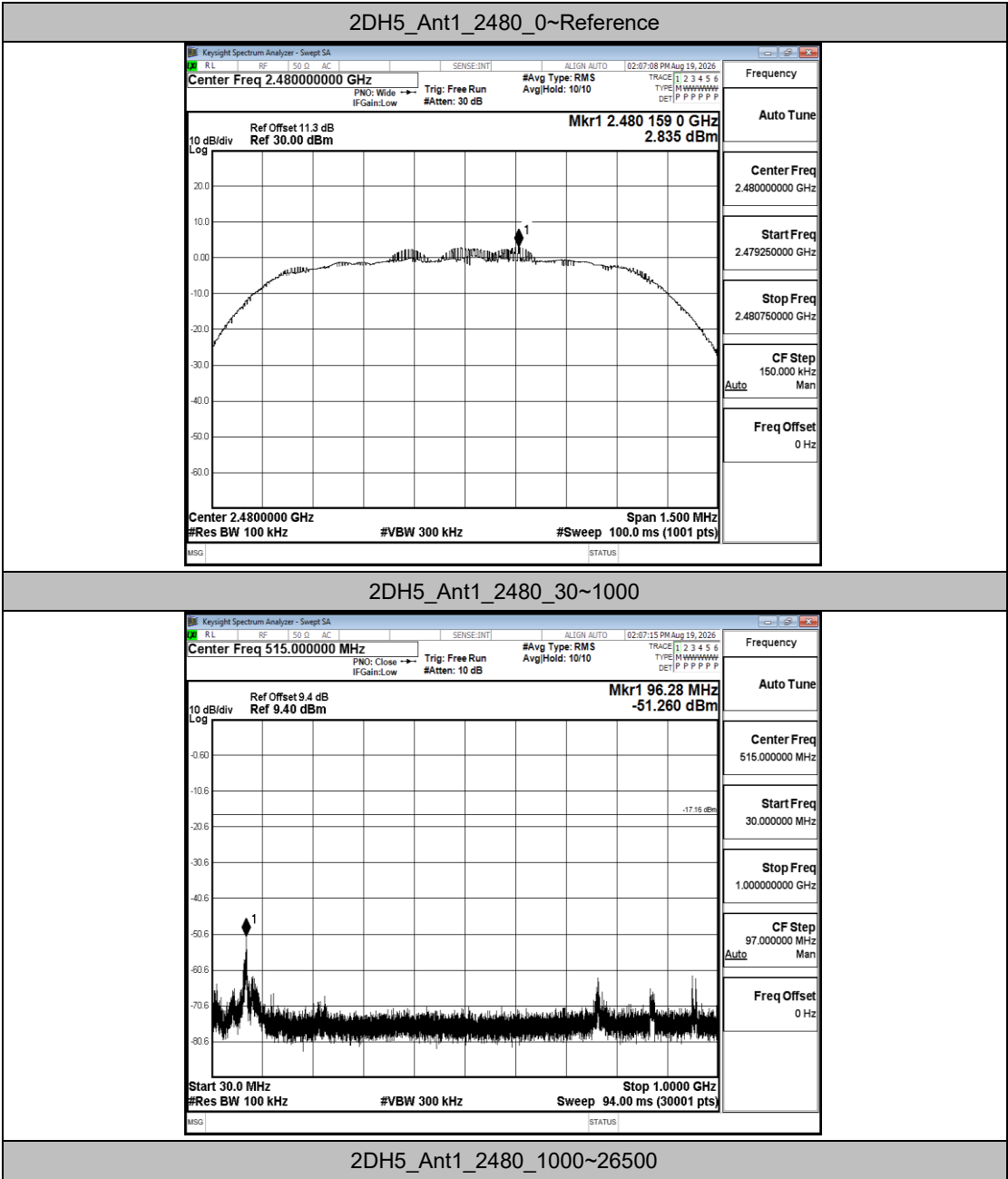
Auto

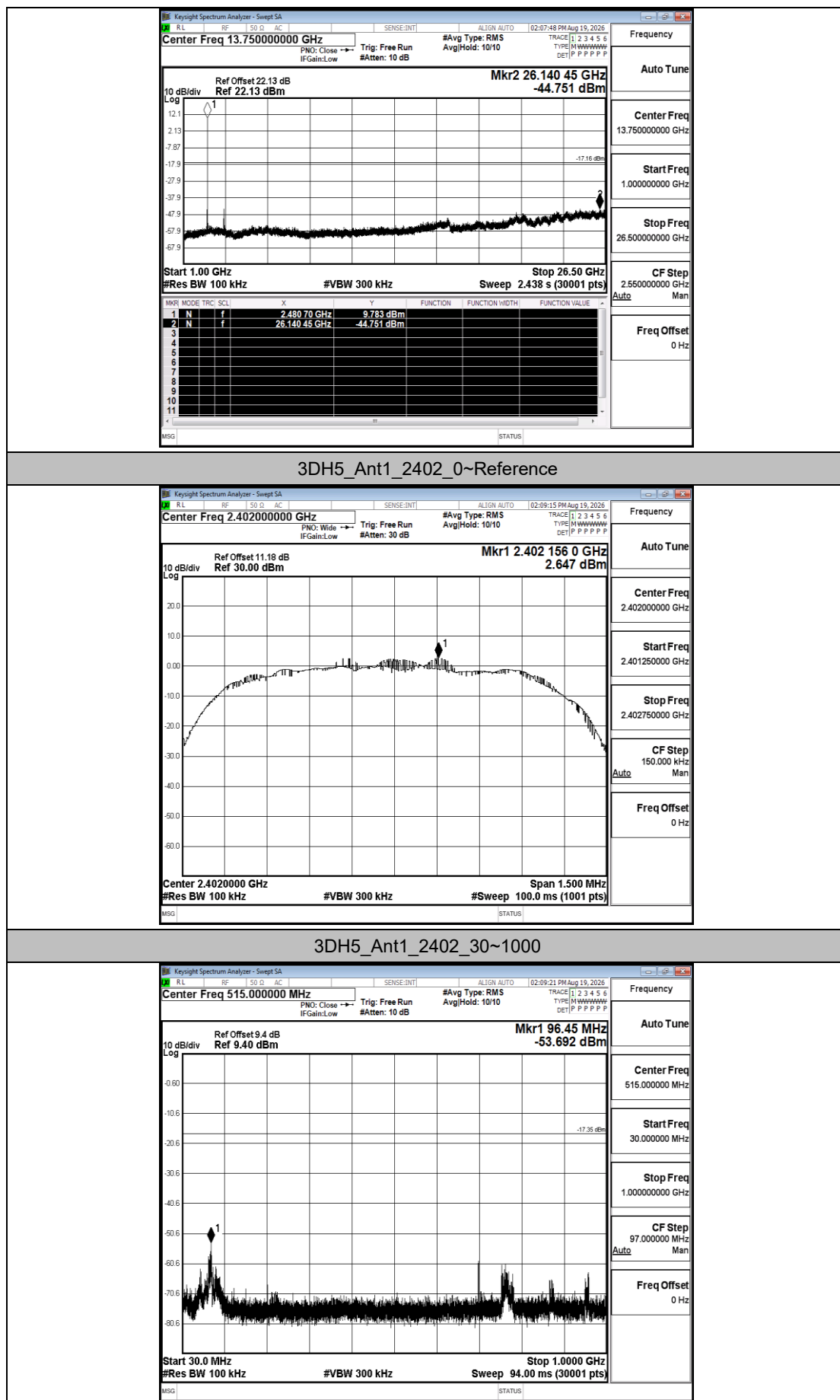
Man

Freq Offset 0 Hz

2DH5_Ant1_2441_0~Reference



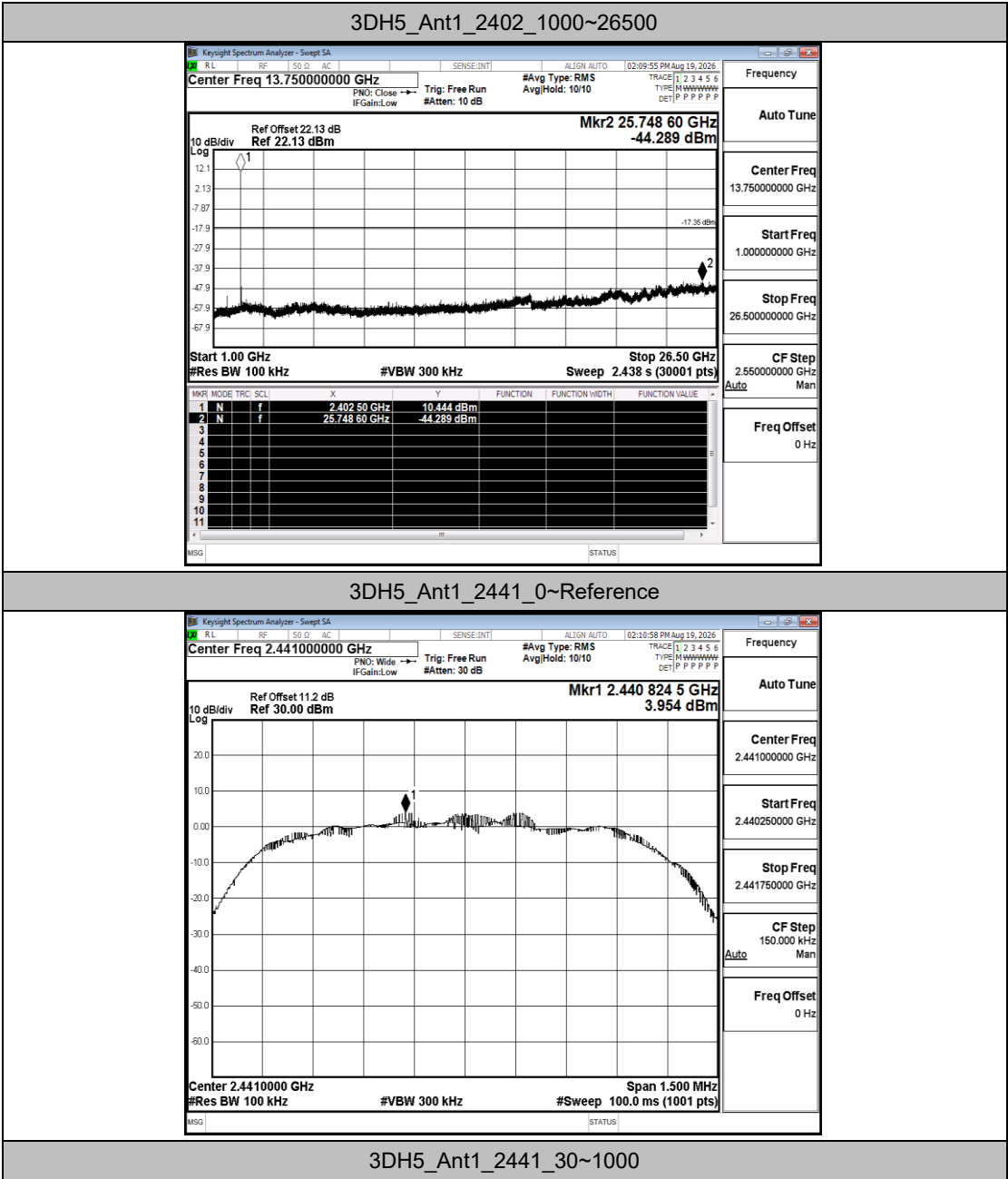


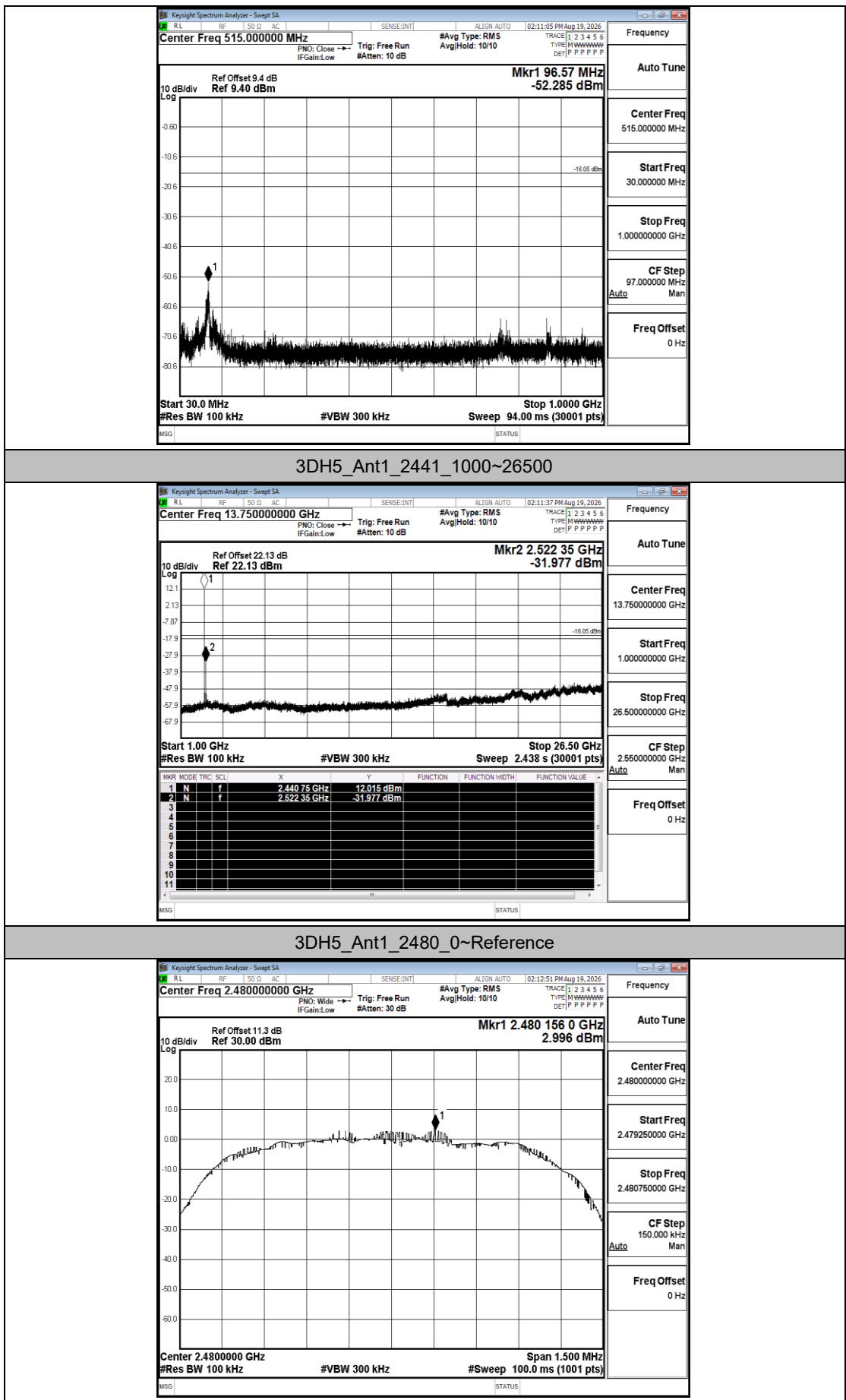


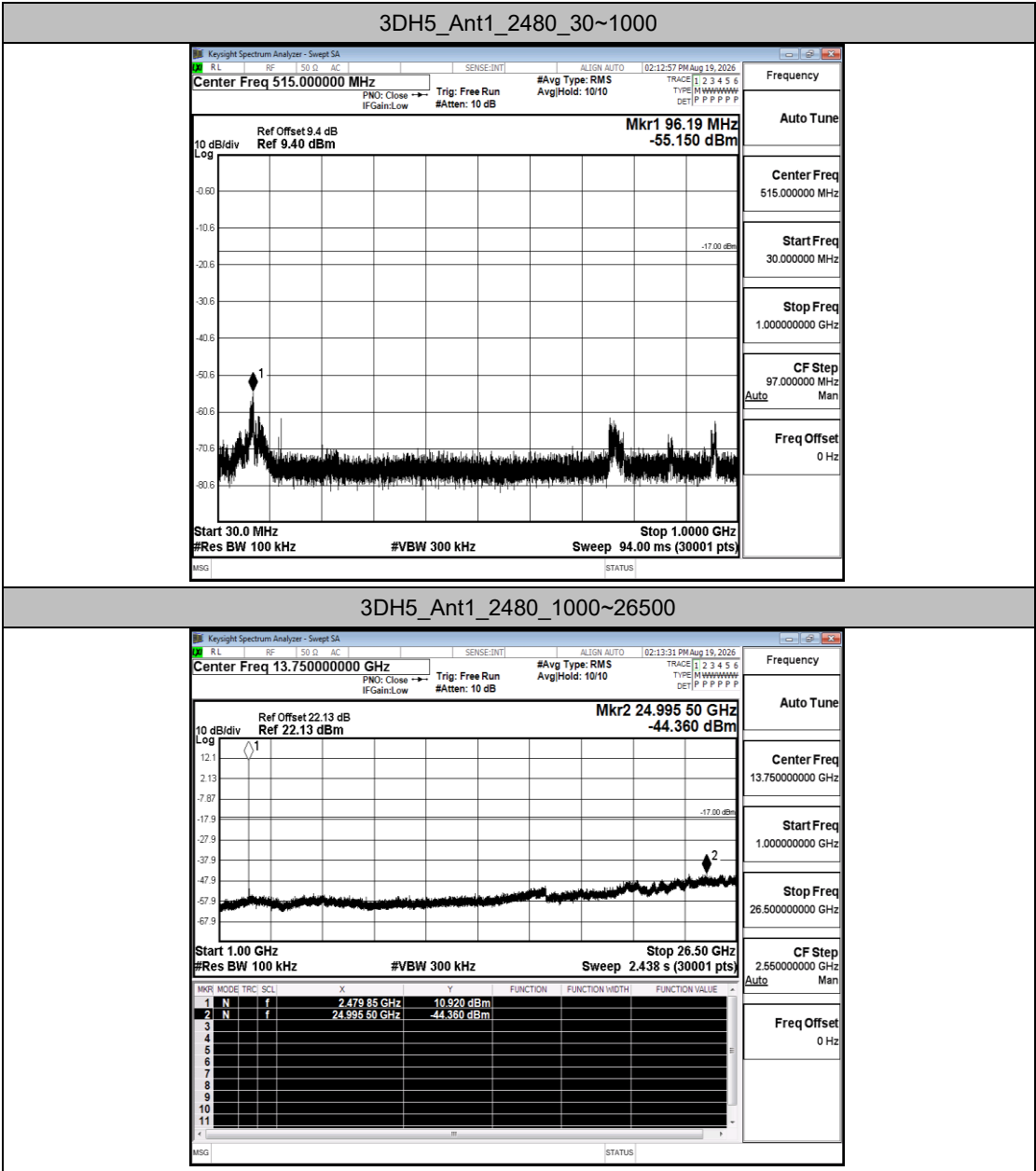
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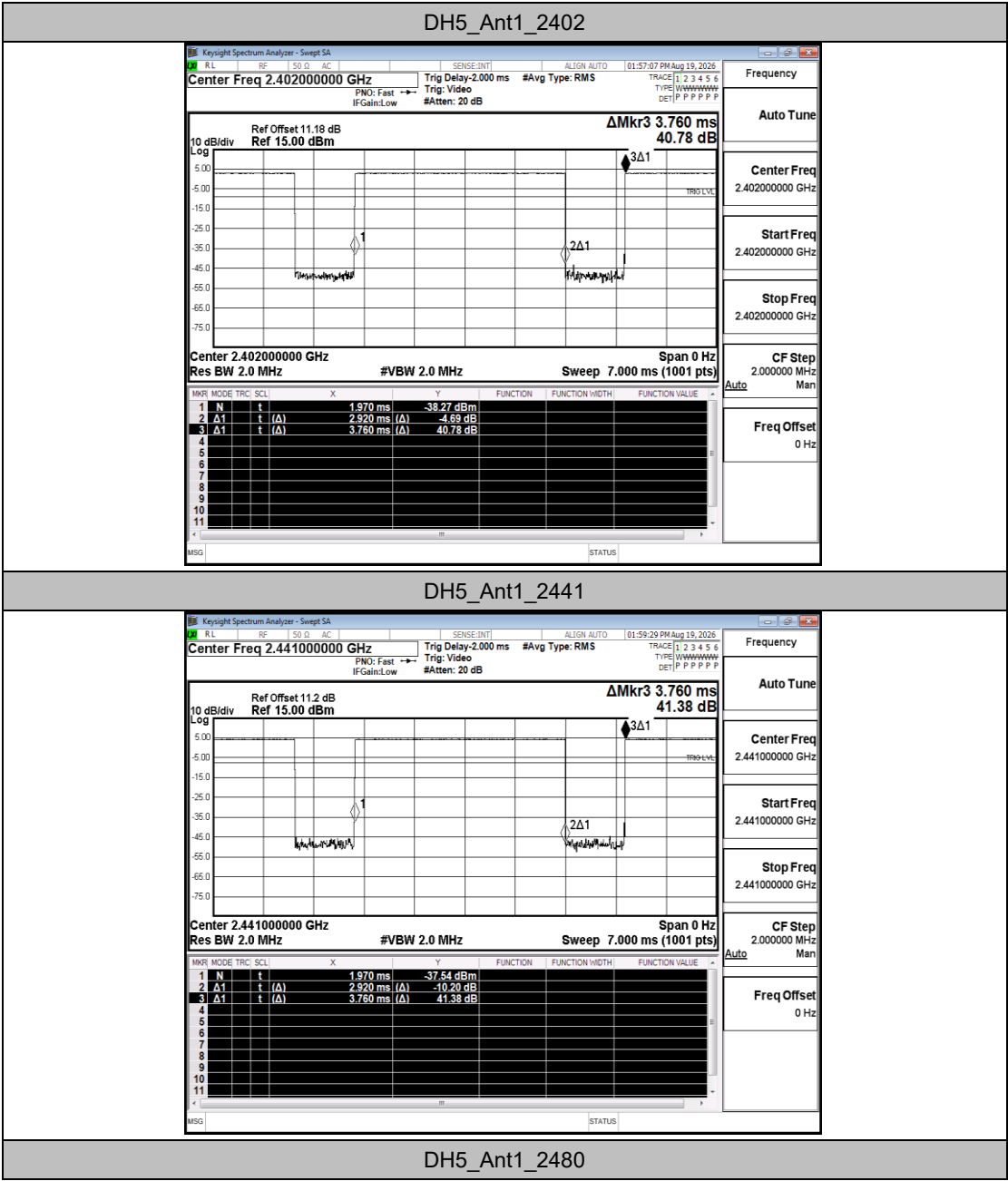


A.8 Duty Cycle

Test Result

TestMode	Antenna	Freq (MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.92	3.76	77.66	1.10	---	---
		2441	2.92	3.76	77.66	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant1	2402	2.90	3.76	77.13	1.13	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.90	3.75	77.33	1.12	---	---
3DH5	Ant1	2402	2.90	3.75	77.33	1.12	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.90	3.75	77.33	1.12	---	---

Test Graphs



DH5_Ant1_2441

KeySight Spectrum Analyzer - Swept SA

RL

RF

ISO

D

AC

SENSE:INT

ALIGN:AUTO

01:59:29 PM Aug 19, 2026

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms

#Avg Type: RMS

Trig: Video

#Atten: 20 dB

Ref Offset 11.2 dB

Ref 15.00 dBm

ΔMkr3 3.760 ms

41.38 dB

10 dB/div

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

Center 2.441000000 GHz

Res BW 2.0 MHz

#VBW 2.0 MHz

Sweep 7.000 ms (1001 pts)

Span 0 Hz

Auto

Man

Frequency

Auto Tune

Center Freq 2.441000000 GHz

Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

CF Step 2.000000 MHz

Auto

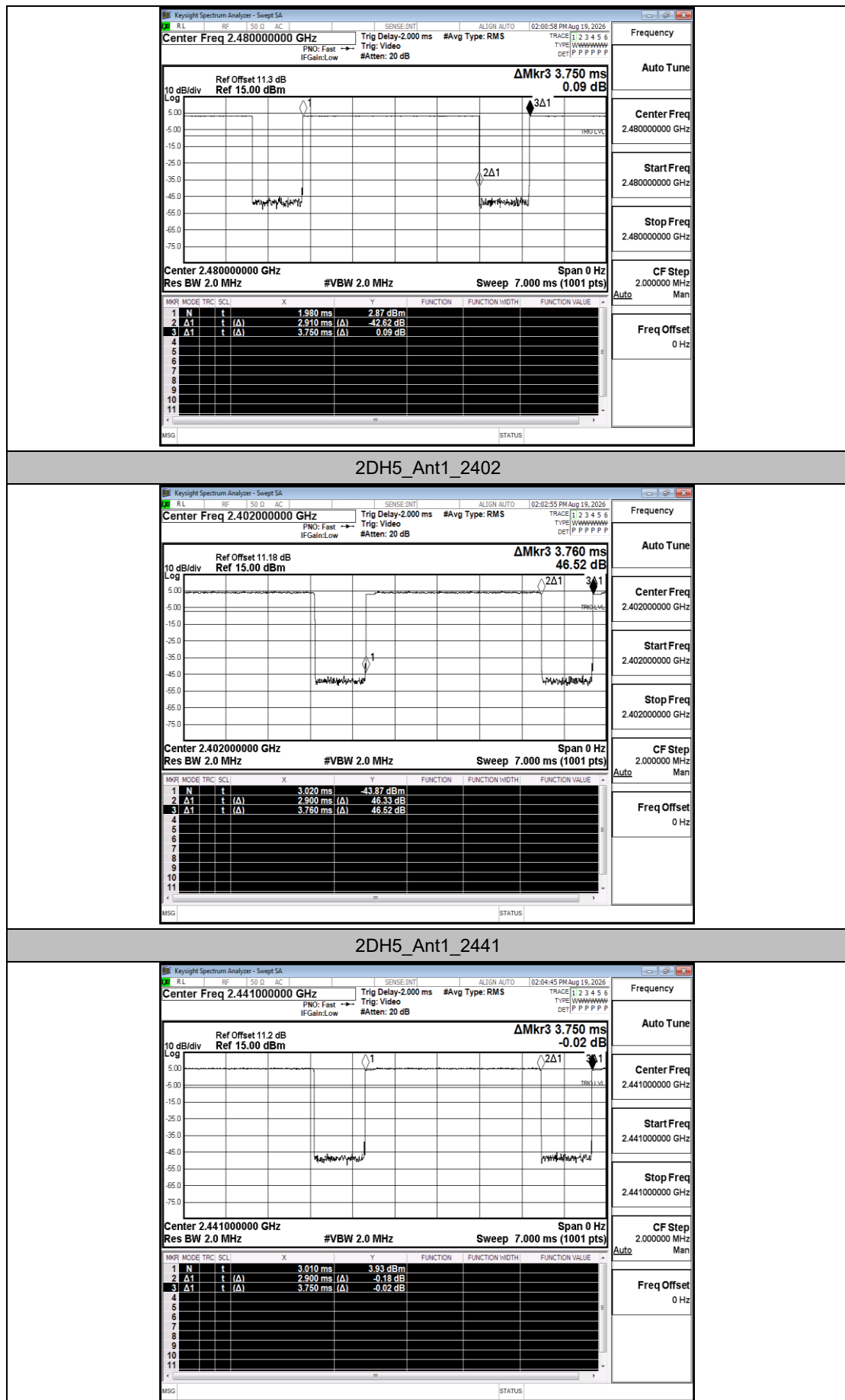
Man

Freq Offset 0 Hz

MSG

STATUS

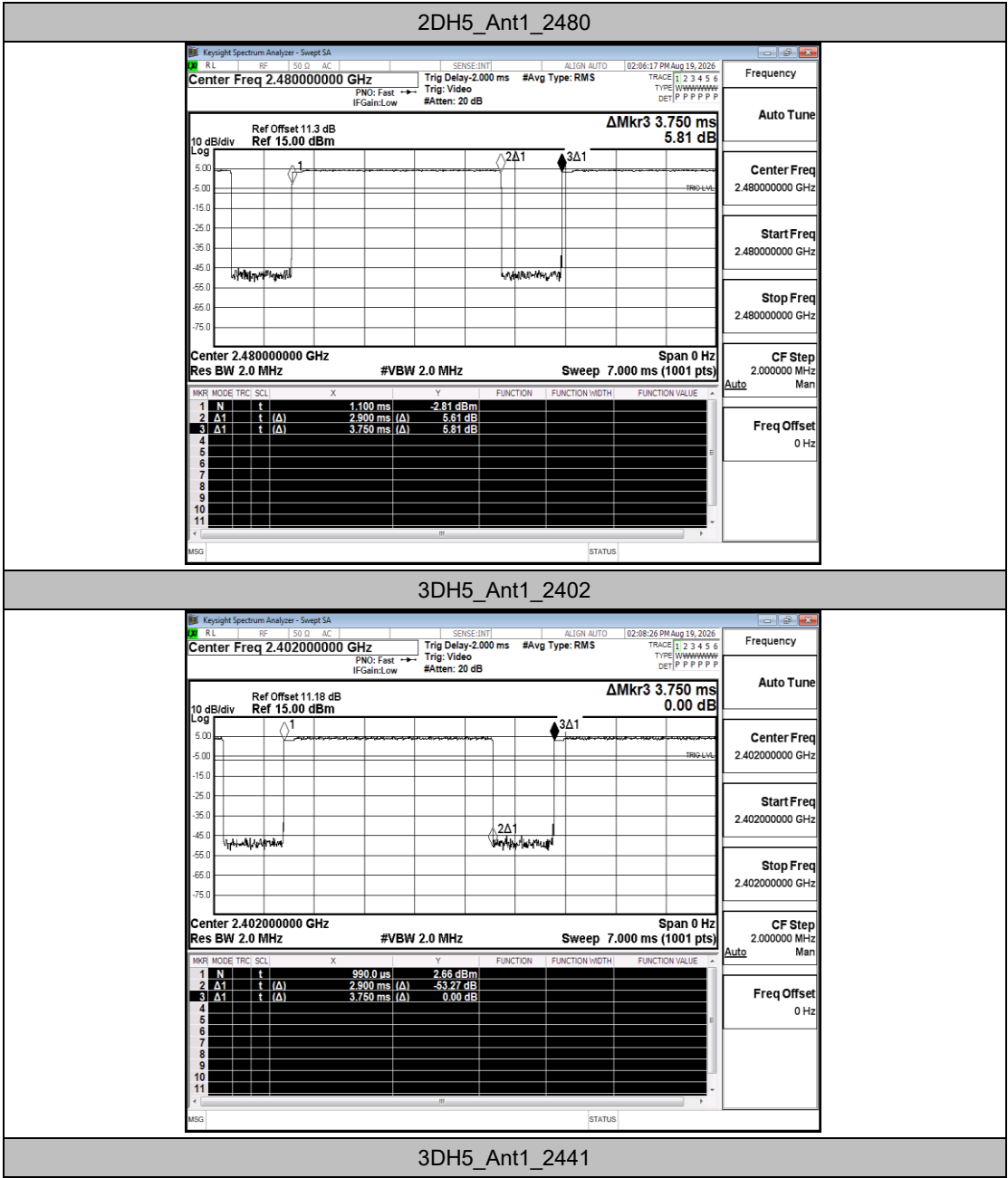
DH5_Ant1_2480

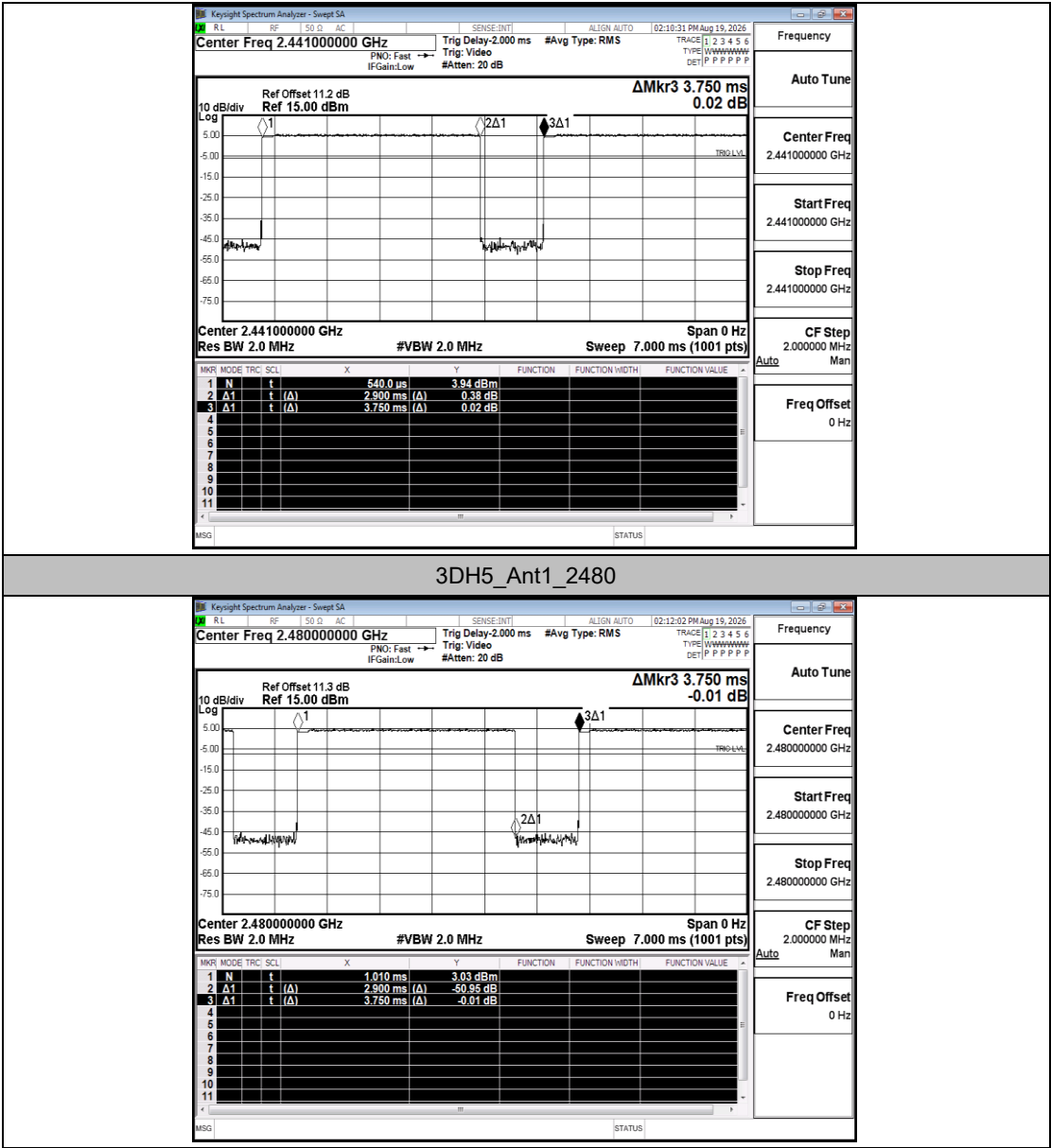


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A.9 Emissions in Restricted Bands

Test Result

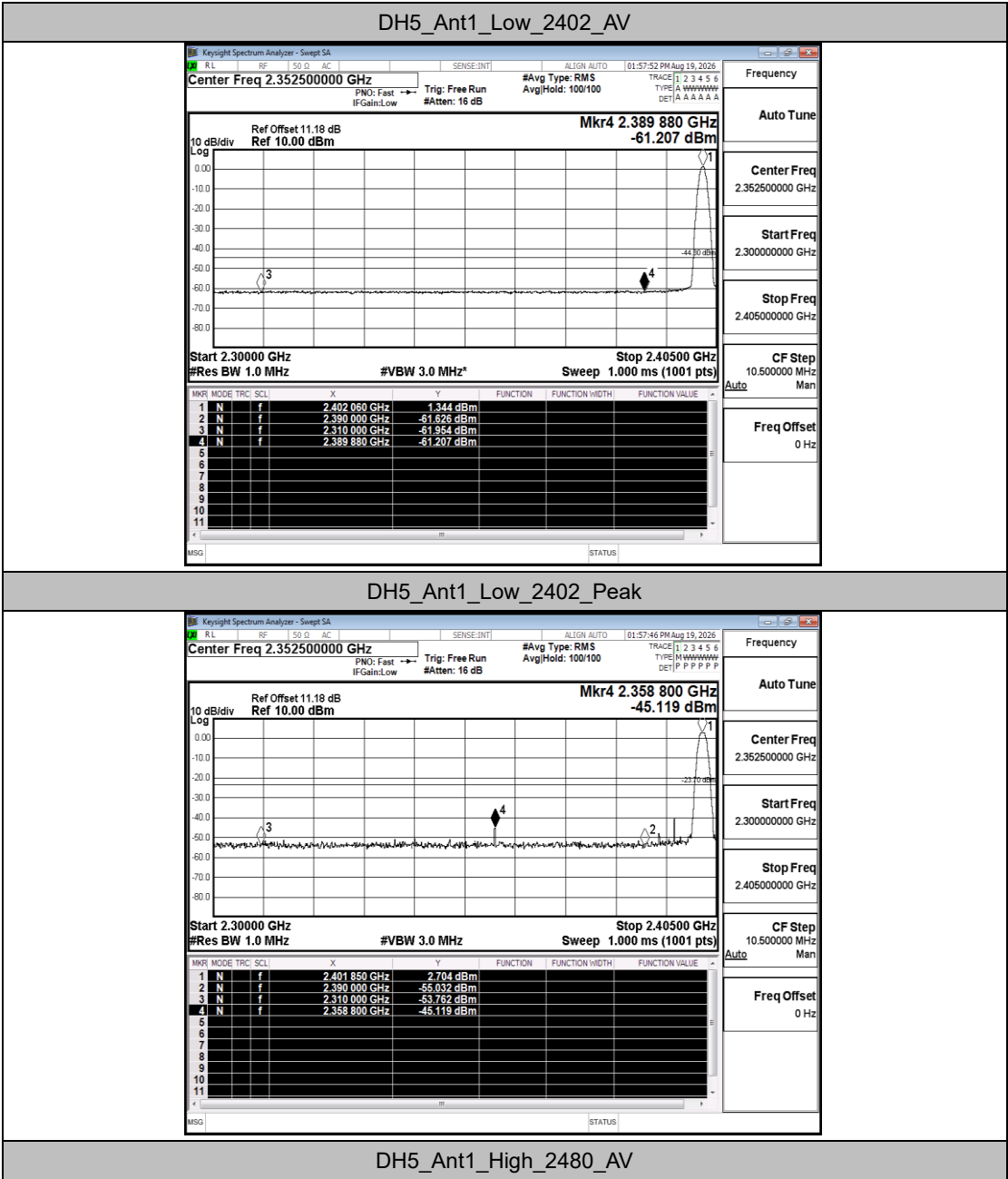
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-61.95	≤-44.80	2.50	1.10	36.85	≤54	PASS
				AV	2389.880	-61.21	≤-44.80	2.50	1.10	37.59	≤54	PASS
				AV	2390.000	-61.63	≤-44.80	2.50	1.10	37.17	≤54	PASS
				Peak	2310.000	-53.76	≤-23.70	2.50	0.00	43.94	≤74	PASS
				Peak	2358.800	-45.12	≤-23.70	2.50	0.00	52.58	≤74	PASS
				Peak	2390.000	-55.03	≤-23.70	2.50	0.00	42.67	≤74	PASS
		High	2480	AV	2483.500	-60.53	≤-44.80	2.50	1.10	38.27	≤54	PASS
				AV	2483.600	-59.7	≤-44.80	2.50	1.10	39.10	≤54	PASS
				AV	2500.000	-61.4	≤-44.80	2.50	1.10	37.40	≤54	PASS
				Peak	2483.500	-51.97	≤-23.70	2.50	0.00	45.73	≤74	PASS
				Peak	2485.680	-45.64	≤-23.70	2.50	0.00	52.06	≤74	PASS
				Peak	2500.000	-52.31	≤-23.70	2.50	0.00	45.39	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-55.25	≤-23.70	2.50	0.00	42.45	≤74	PASS
				Peak	2377.595	-51.35	≤-23.70	2.50	0.00	46.35	≤74	PASS
				Peak	2390.000	-53.79	≤-23.70	2.50	0.00	43.91	≤74	PASS
		High	Hop_2480	Peak	2483.500	-53.14	≤-23.70	2.50	0.00	44.56	≤74	PASS
				Peak	2494.320	-50.35	≤-23.70	2.50	0.00	47.35	≤74	PASS
				Peak	2500.000	-52.98	≤-23.70	2.50	0.00	44.72	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-62.18	≤-44.83	2.50	1.13	36.65	≤54	PASS
				AV	2311.550	-60.96	≤-44.83	2.50	1.13	37.87	≤54	PASS
				AV	2390.000	-61.94	≤-44.83	2.50	1.13	36.89	≤54	PASS
				Peak	2310.000	-54.03	≤-23.70	2.50	0.00	43.67	≤74	PASS
				Peak	2323.310	-49.58	≤-23.70	2.50	0.00	48.12	≤74	PASS
				Peak	2390.000	-54.47	≤-23.70	2.50	0.00	43.23	≤74	PASS
		High	2480	AV	2483.500	-57.06	≤-44.82	2.50	1.12	41.76	≤54	PASS
				AV	2483.680	-56.88	≤-44.82	2.50	1.12	41.94	≤54	PASS
				AV	2500.000	-61.45	≤-44.82	2.50	1.12	37.37	≤54	PASS
				Peak	2483.500	-44.75	≤-23.70	2.50	0.00	52.95	≤74	PASS
				Peak	2483.680	-43.93	≤-23.70	2.50	0.00	53.77	≤74	PASS
				Peak	2500.000	-53.2	≤-23.70	2.50	0.00	44.50	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-54.35	≤-23.70	2.50	0.00	43.35	≤74	PASS
				Peak	2348.300	-50.29	≤-23.70	2.50	0.00	47.41	≤74	PASS
				Peak	2390.000	-54.38	≤-23.70	2.50	0.00	43.32	≤74	PASS
		High	Hop_2480	Peak	2483.500	-53.5	≤-23.70	2.50	0.00	44.20	≤74	PASS
				Peak	2491.760	-50.68	≤-23.70	2.50	0.00	47.02	≤74	PASS
				Peak	2500.000	-53.67	≤-23.70	2.50	0.00	44.03	≤74	PASS

3DH5	Ant1	Low	2402	AV	2310.000	-61.83	≤-44.82	2.50	1.12	36.99	≤54	PASS
				AV	2373.290	-61.02	≤-44.82	2.50	1.12	37.80	≤54	PASS
				AV	2390.000	-61.81	≤-44.82	2.50	1.12	37.01	≤54	PASS
				Peak	2310.000	-53.22	≤-23.70	2.50	0.00	44.48	≤74	PASS
				Peak	2364.680	-51.24	≤-23.70	2.50	0.00	46.46	≤74	PASS
				Peak	2390.000	-51.56	≤-23.70	2.50	0.00	46.14	≤74	PASS
		High	2480	AV	2483.500	-56.1	≤-44.82	2.50	1.12	42.72	≤54	PASS
				AV	2483.520	-56.1	≤-44.82	2.50	1.12	42.72	≤54	PASS
				AV	2500.000	-61.77	≤-44.82	2.50	1.12	37.05	≤54	PASS
				Peak	2483.500	-44.65	≤-23.70	2.50	0.00	53.05	≤74	PASS
				Peak	2483.760	-43.78	≤-23.70	2.50	0.00	53.92	≤74	PASS
				Peak	2500.000	-52.86	≤-23.70	2.50	0.00	44.84	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-54.81	≤-23.70	2.50	0.00	42.89	≤74	PASS
				Peak	2368.880	-51.46	≤-23.70	2.50	0.00	46.24	≤74	PASS
				Peak	2390.000	-53.96	≤-23.70	2.50	0.00	43.74	≤74	PASS
		High	Hop_2480	Peak	2483.500	-50.98	≤-23.70	2.50	0.00	46.72	≤74	PASS
				Peak	2484.240	-50.96	≤-23.70	2.50	0.00	46.74	≤74	PASS
				Peak	2500.000	-53.75	≤-23.70	2.50	0.00	43.95	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs



DH5_Ant1_Low_2402_Peak

KeySight Spectrum Analyzer - Swept SA

RL

RF

SO D AC

SENSE INT

ALIGN AUTO

01:57:46 PM Aug 19, 2026

Center Freq 2.352500000 GHz

PN0: Fast
IF Gain: Low

Trig: Free Run
#Atten: 16 dB

#Avg Type: RMS
Avg/Hold: 100/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W
DET P P P P P P P

Frequency

Auto Tune

Center Freq
2.352500000 GHz

Start Freq
2.300000000 GHz

Stop Freq
2.405000000 GHz

CF Step
10.500000 MHz
Man

Freq Offset
0 Hz

Ref Offset 11.18 dB
Ref 10.00 dBm

Mkr4 2.358 800 GHz
-45.119 dBm

10 dB/div

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Start 2.30000 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 1.000 ms (1001 pts)

Stop 2.40500 GHz

MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1 N f 2.401 850 GHz 2.704 dBm

2 N f 2.390 000 GHz -55.032 dBm

3 N f 2.310 000 GHz -53.762 dBm

4 N f 2.358 800 GHz -45.119 dBm

5

6

7

8

9

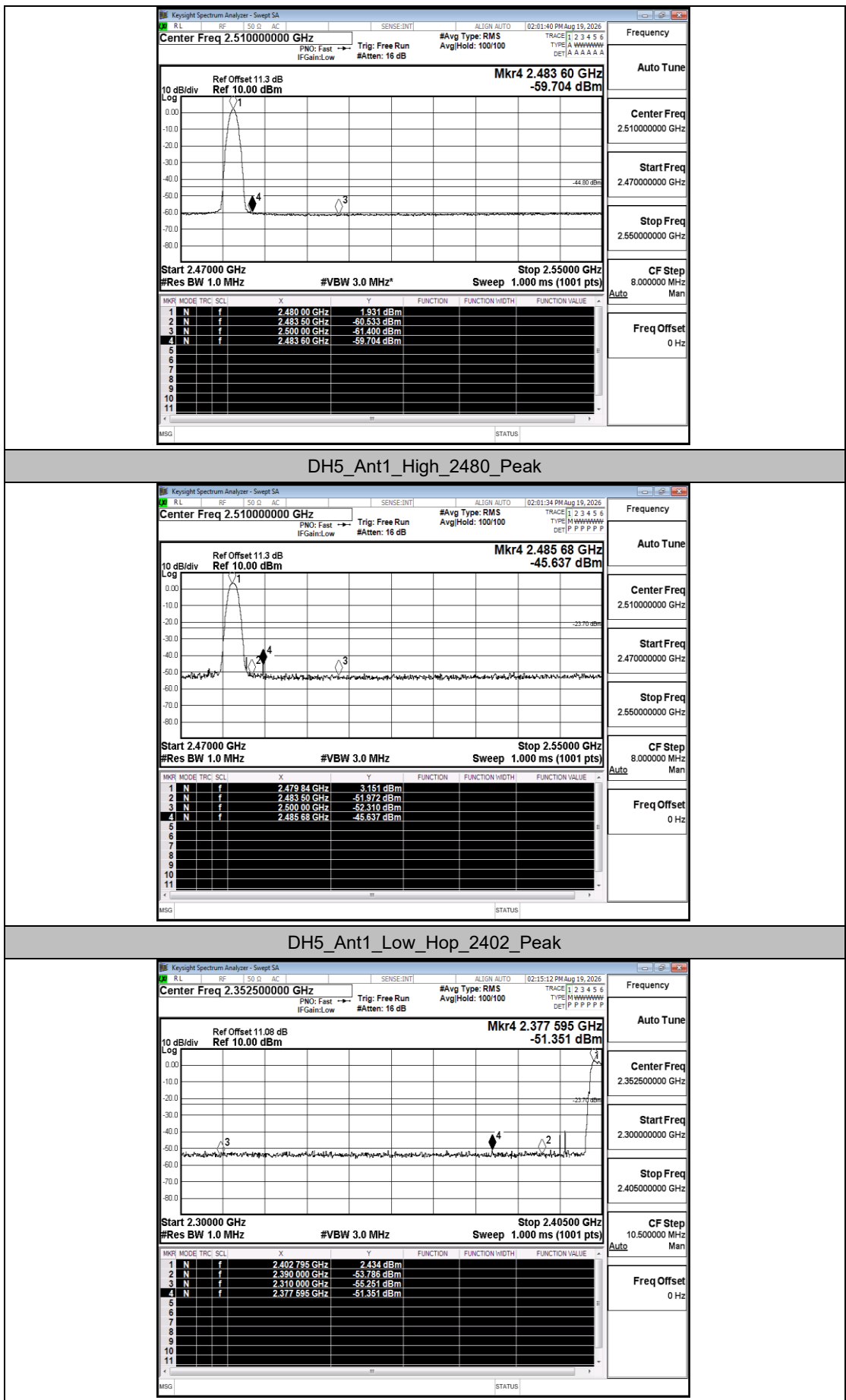
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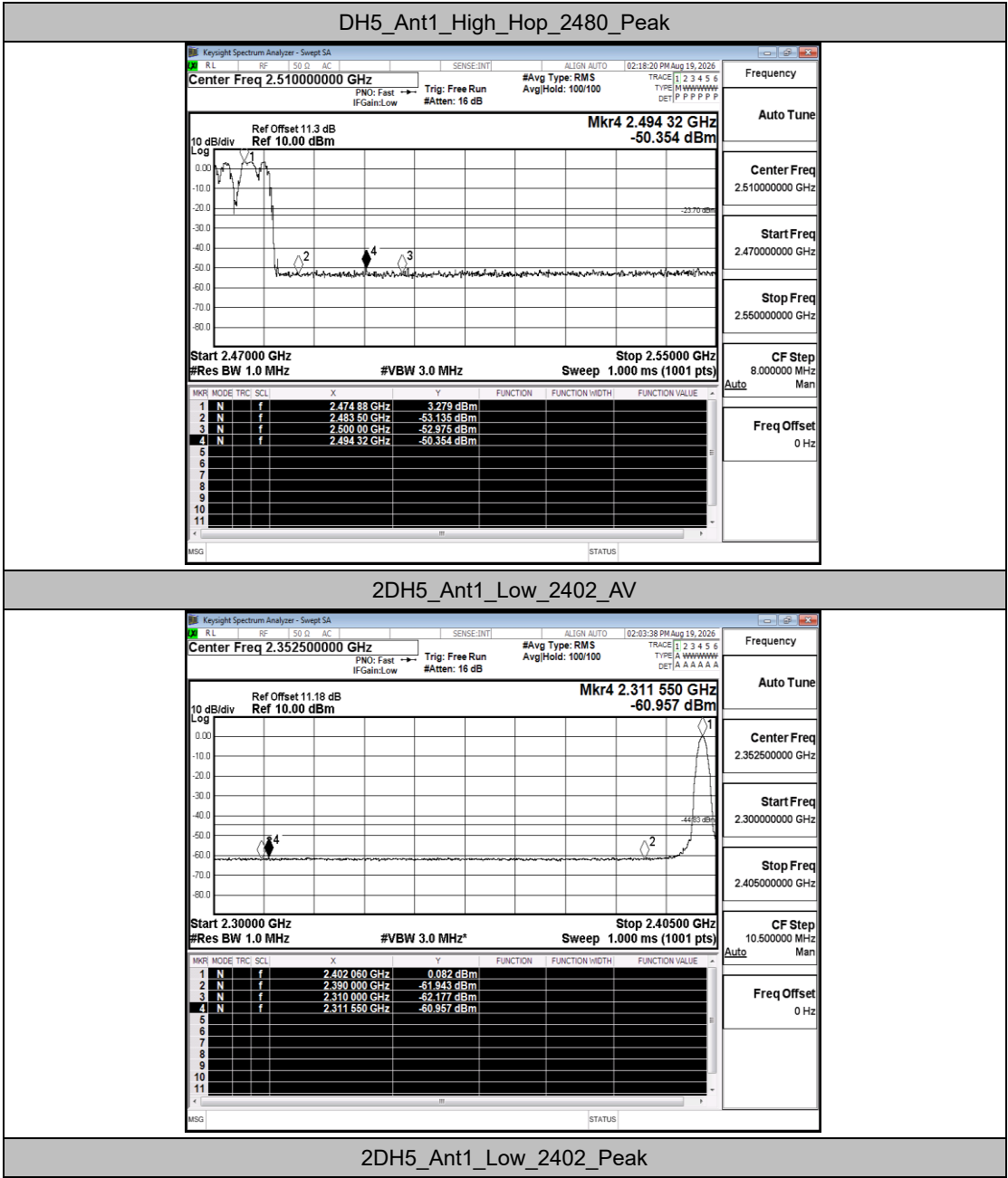
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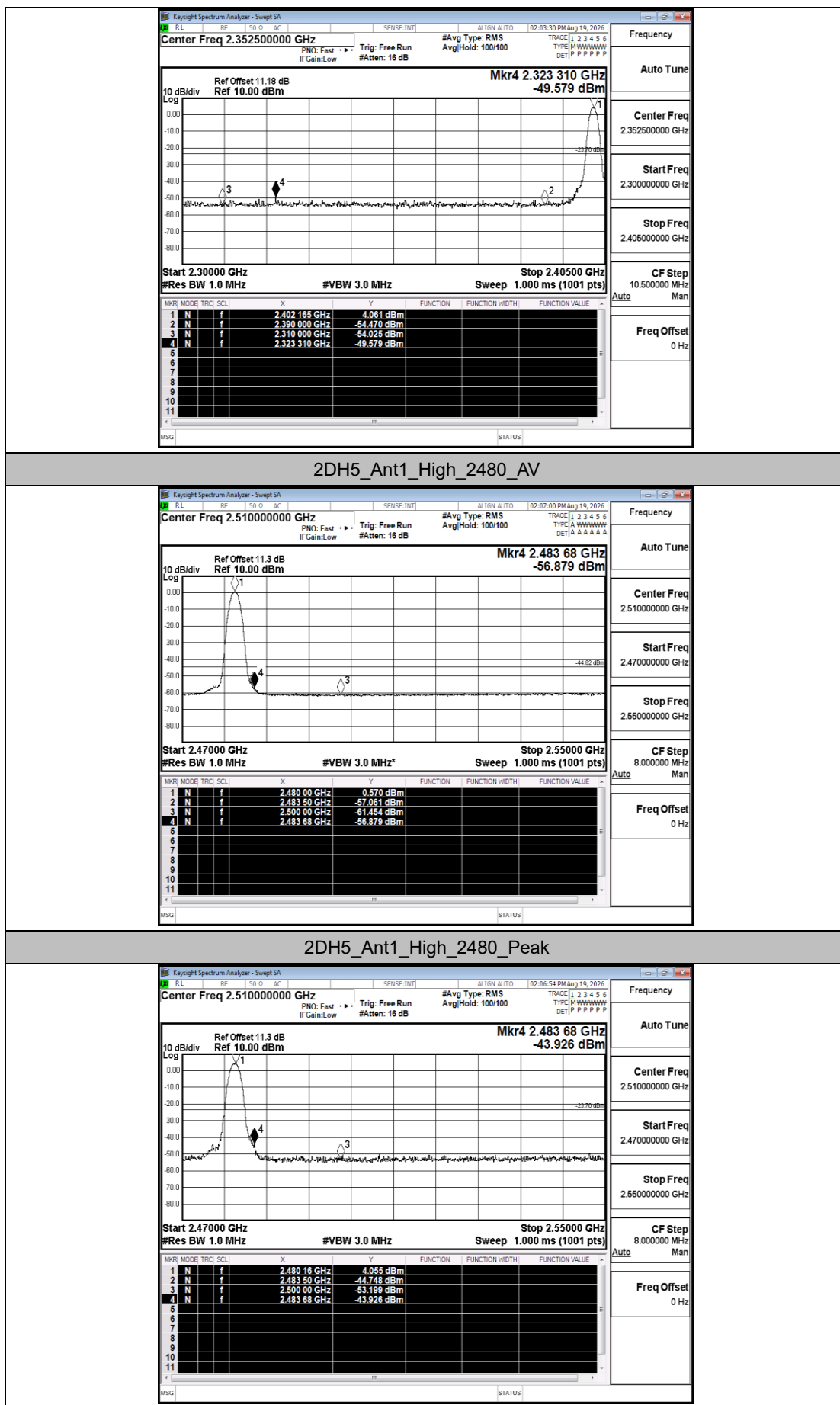
MSG

STATUS

DH5_Ant1_High_2480_AV



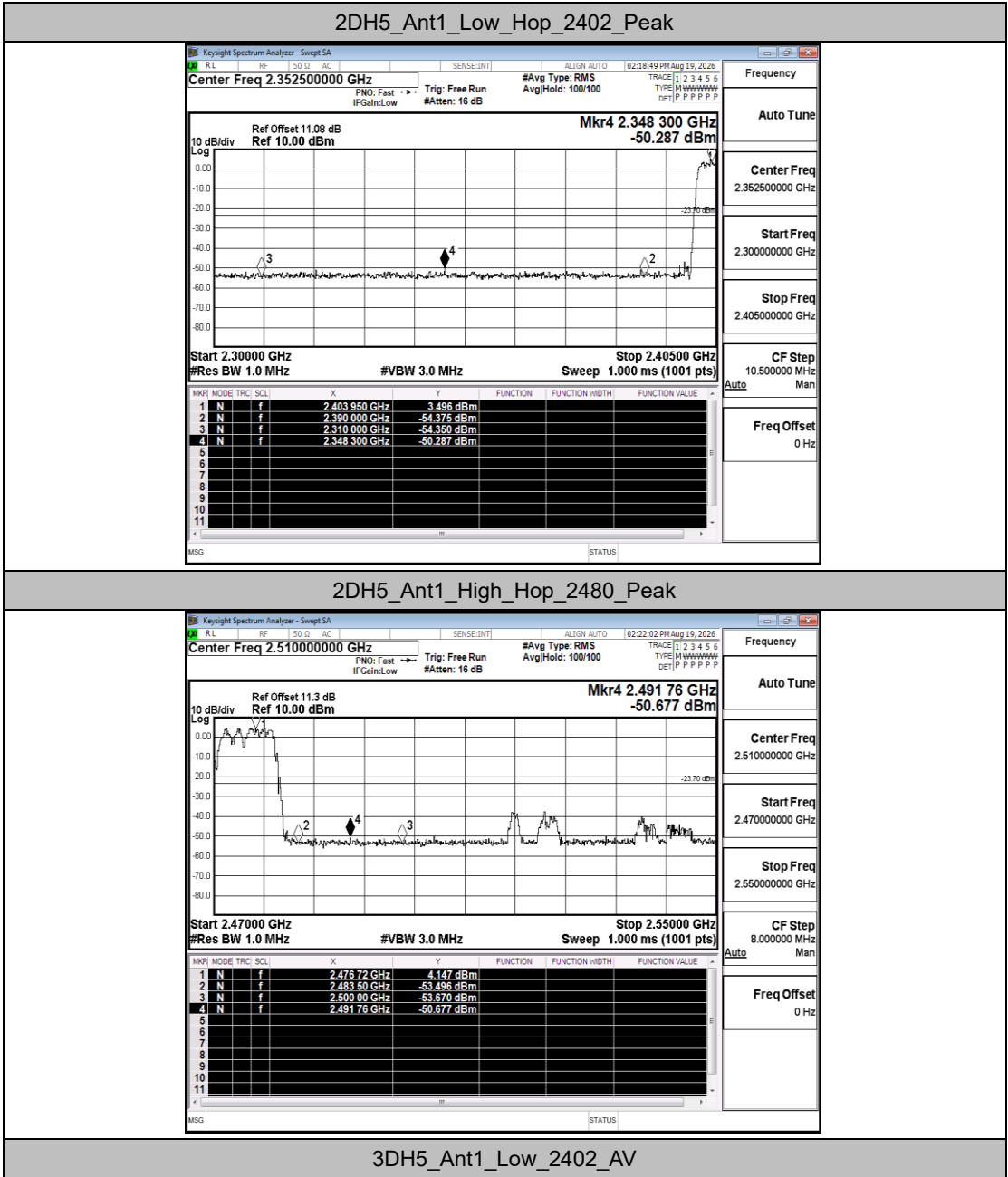


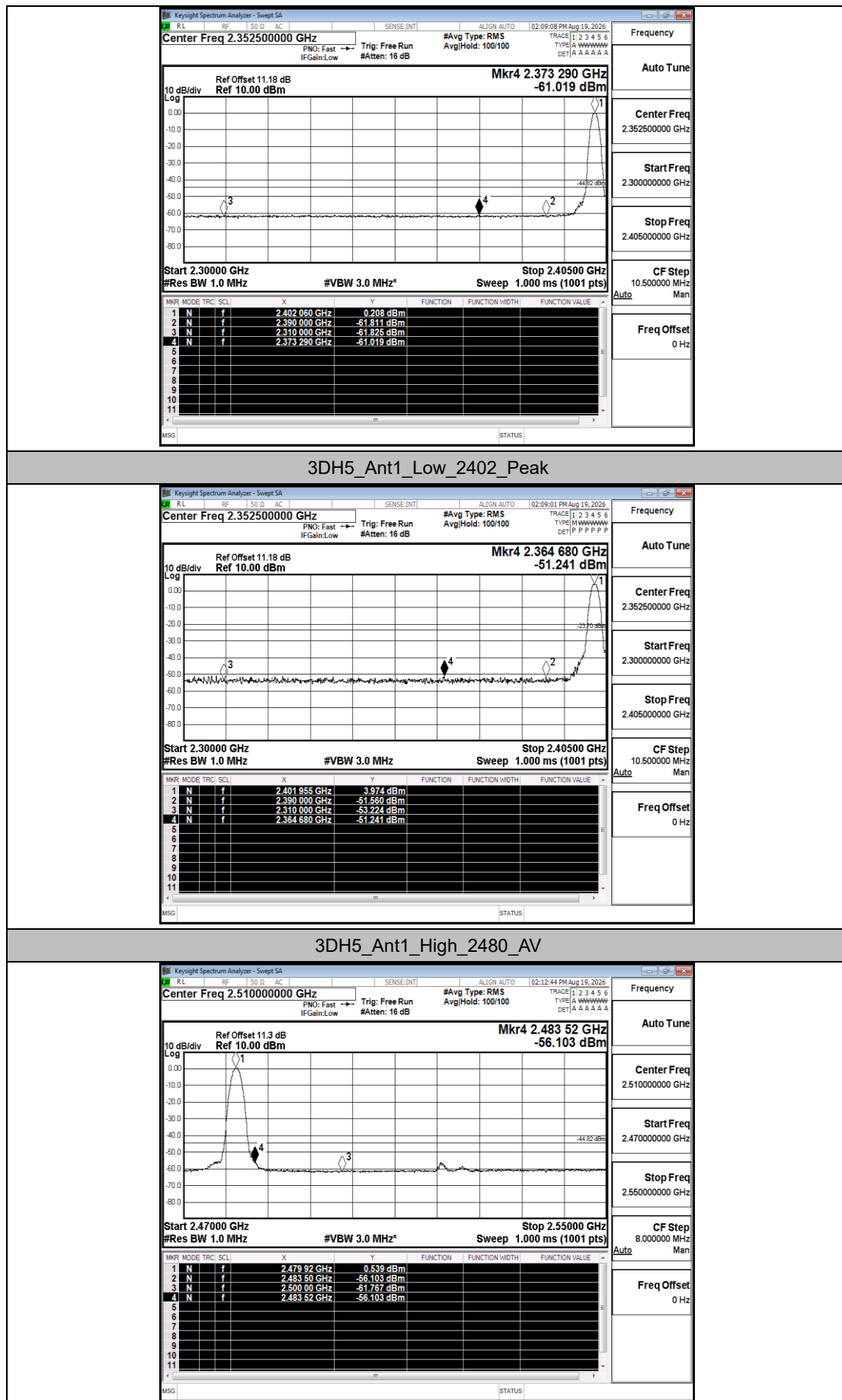


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