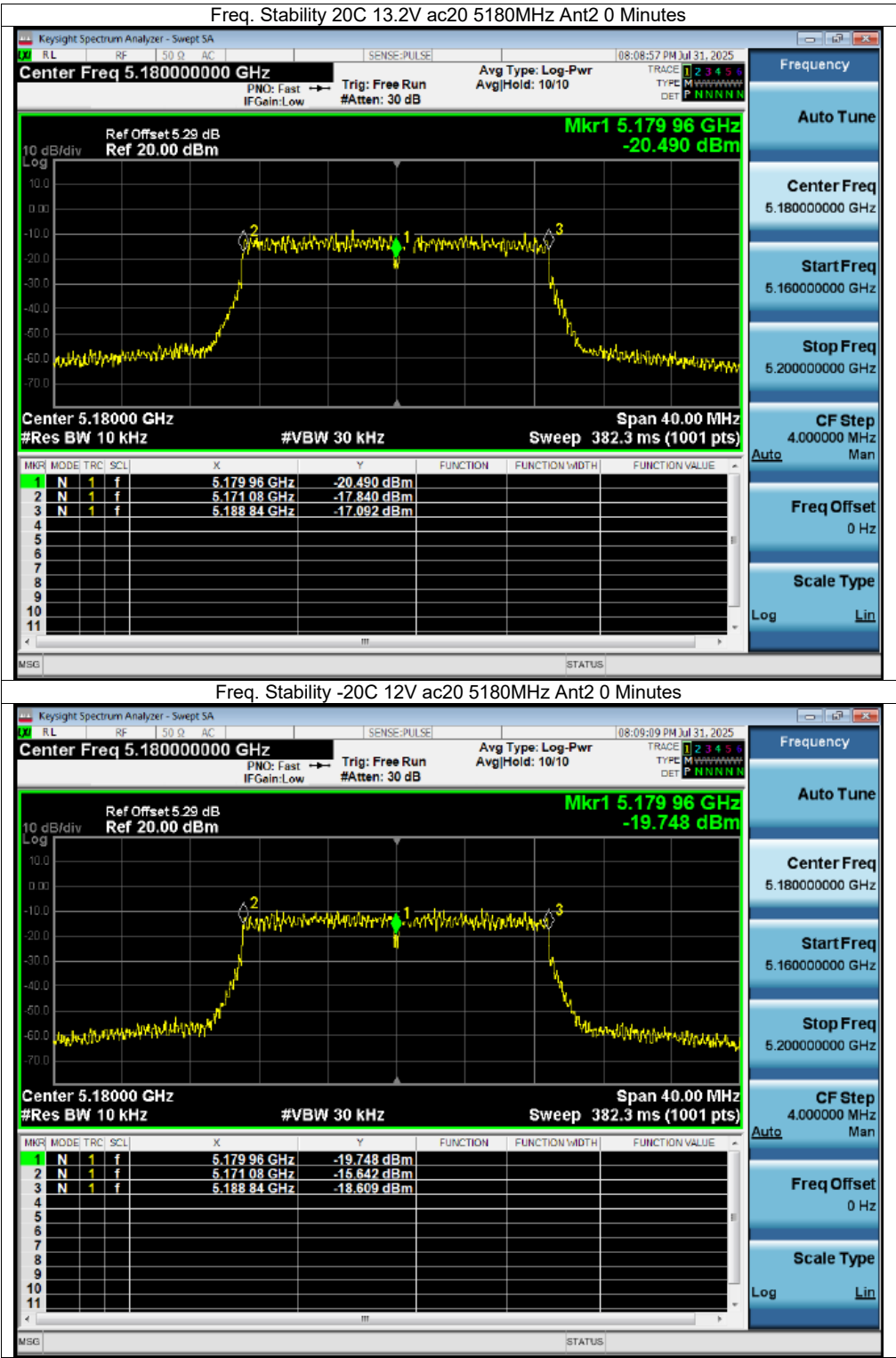
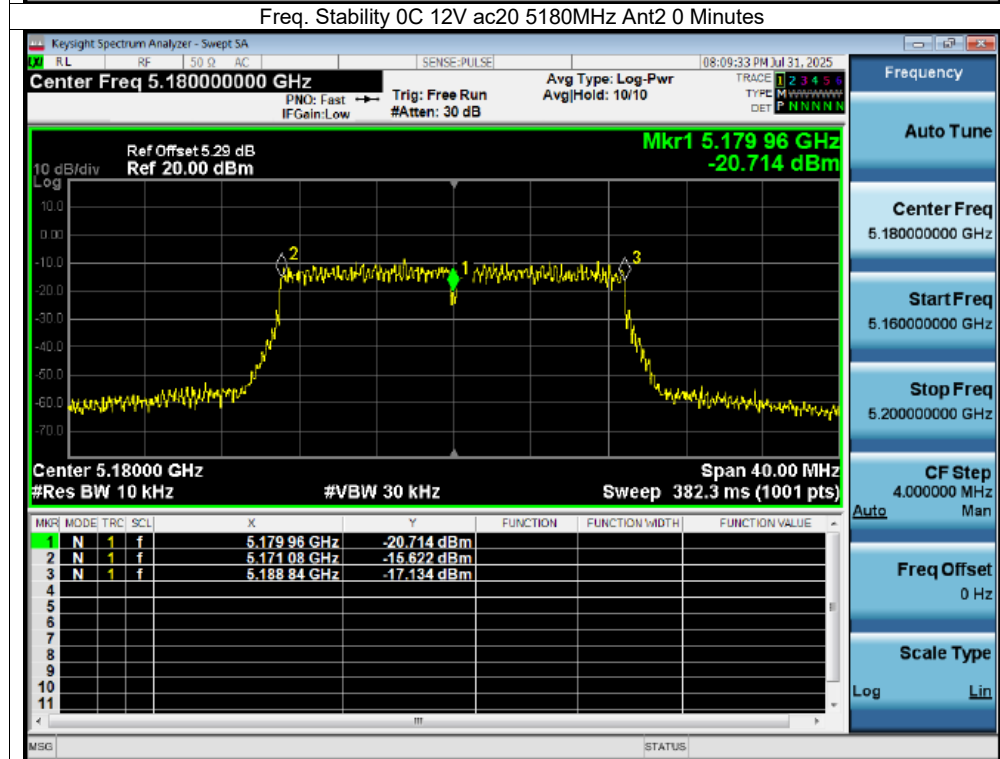
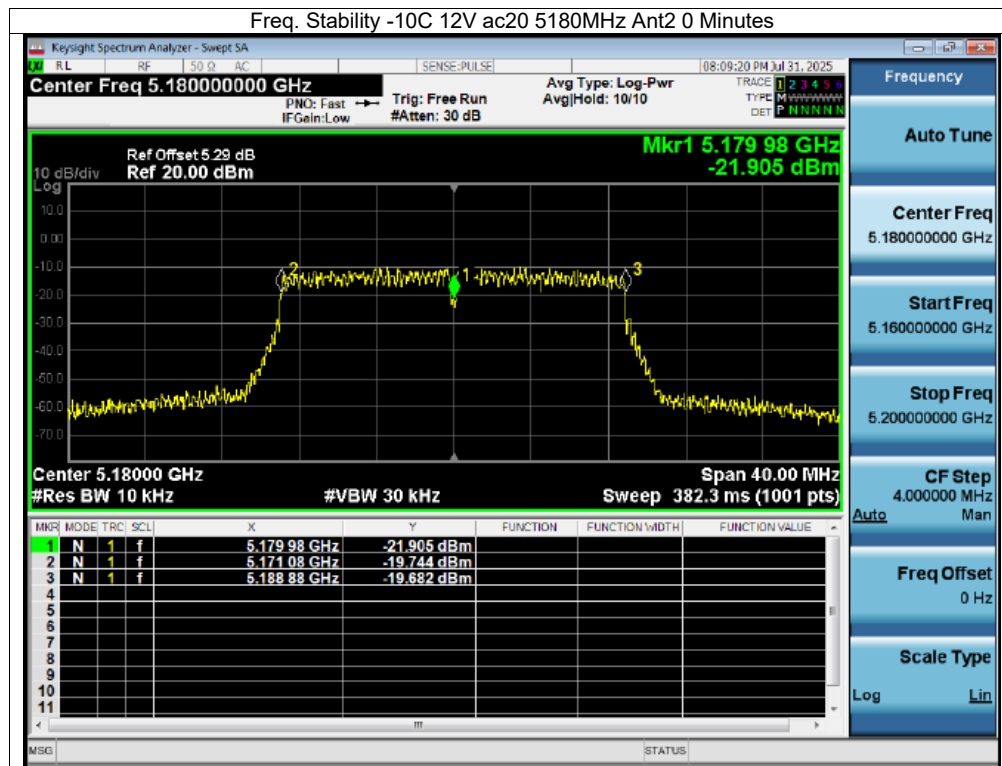
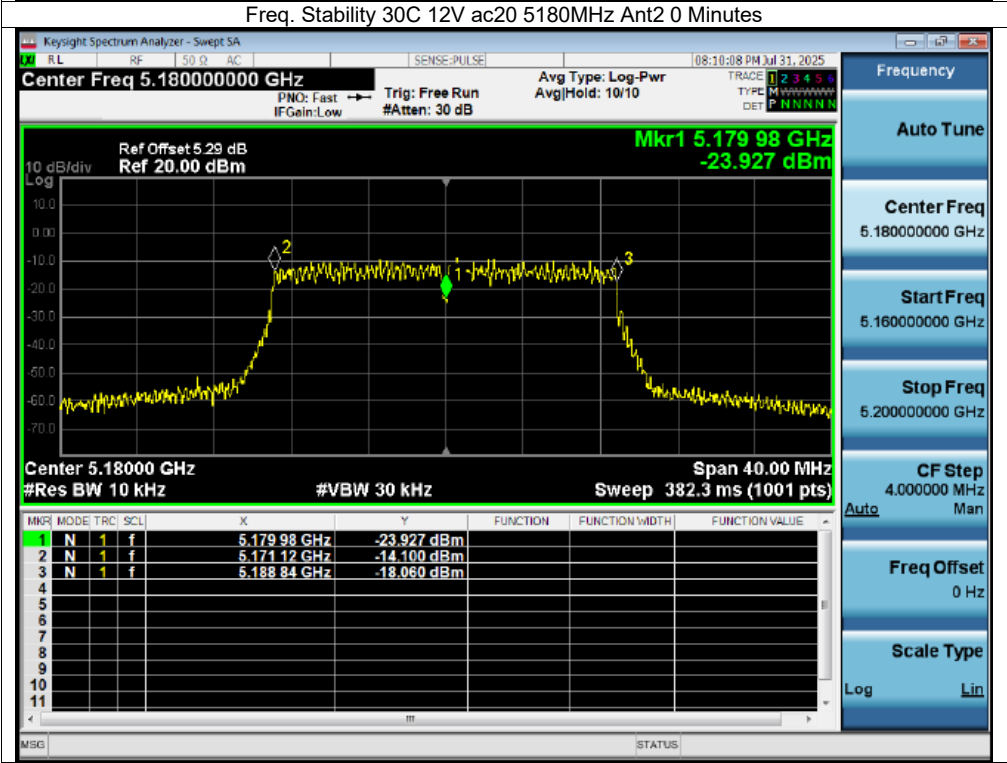
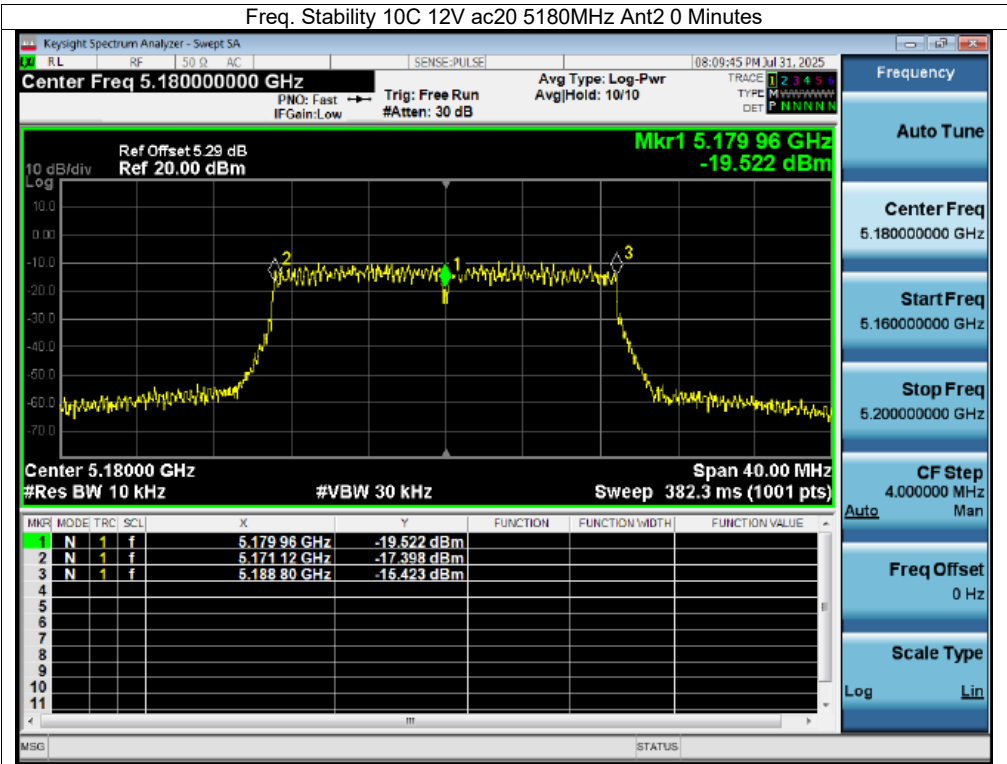
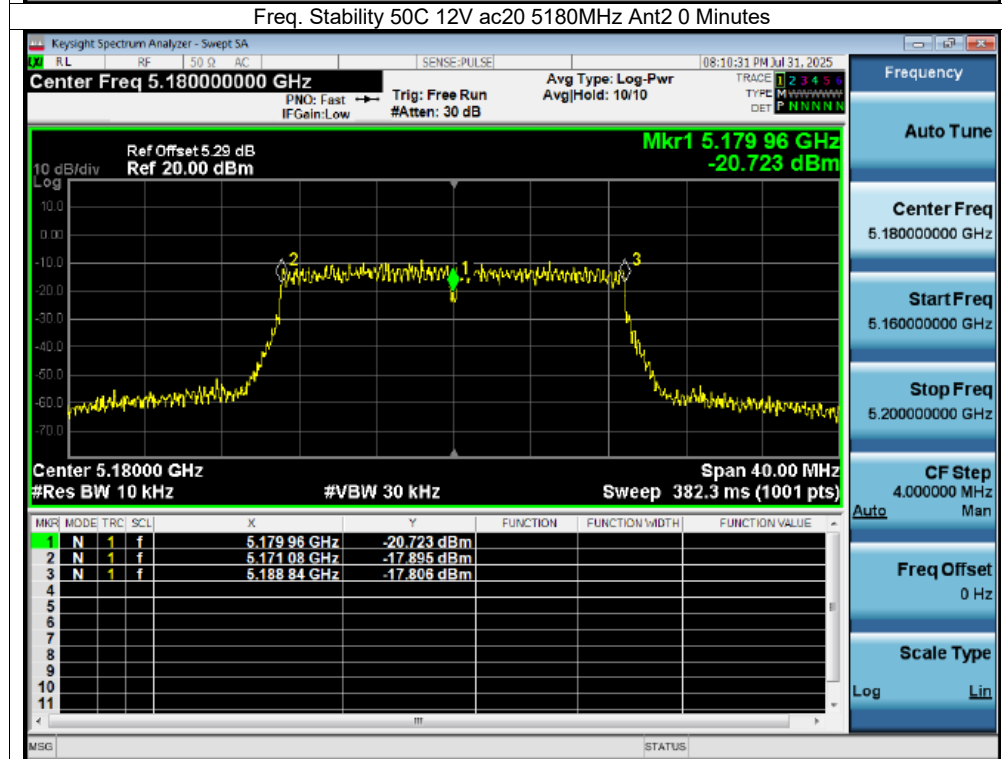
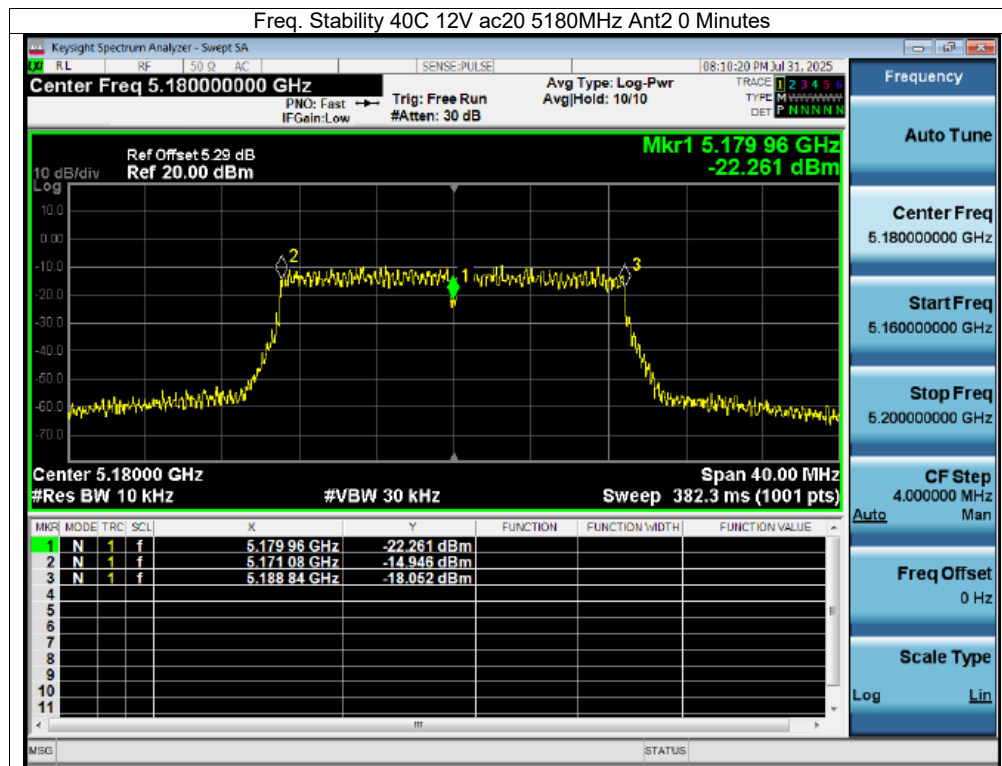
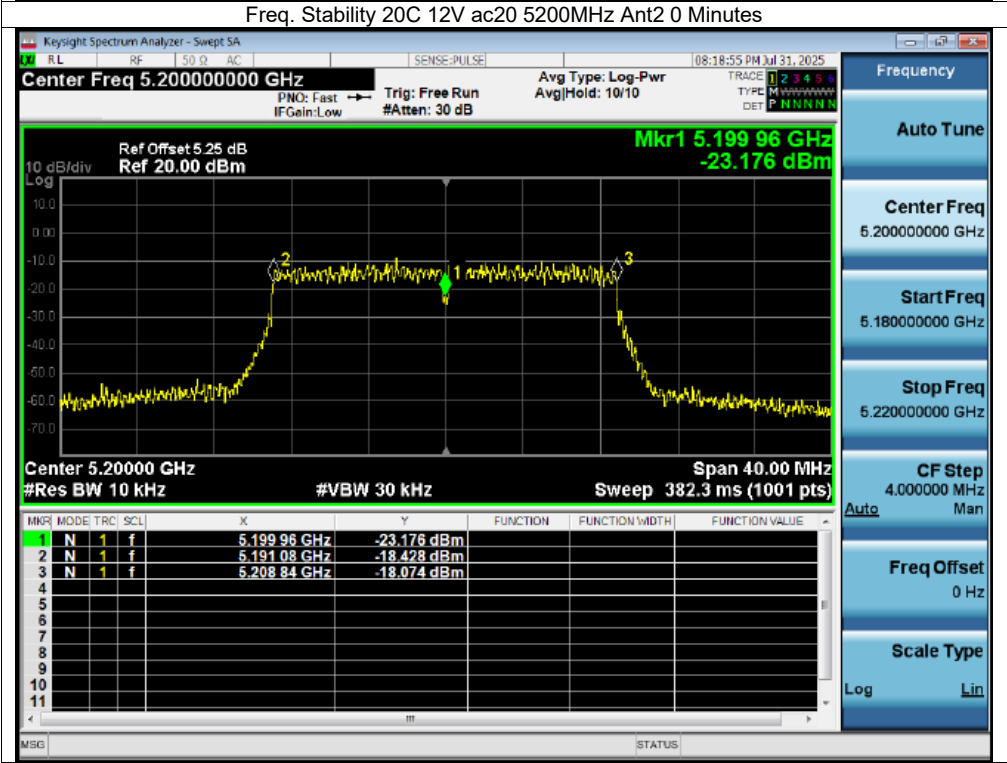
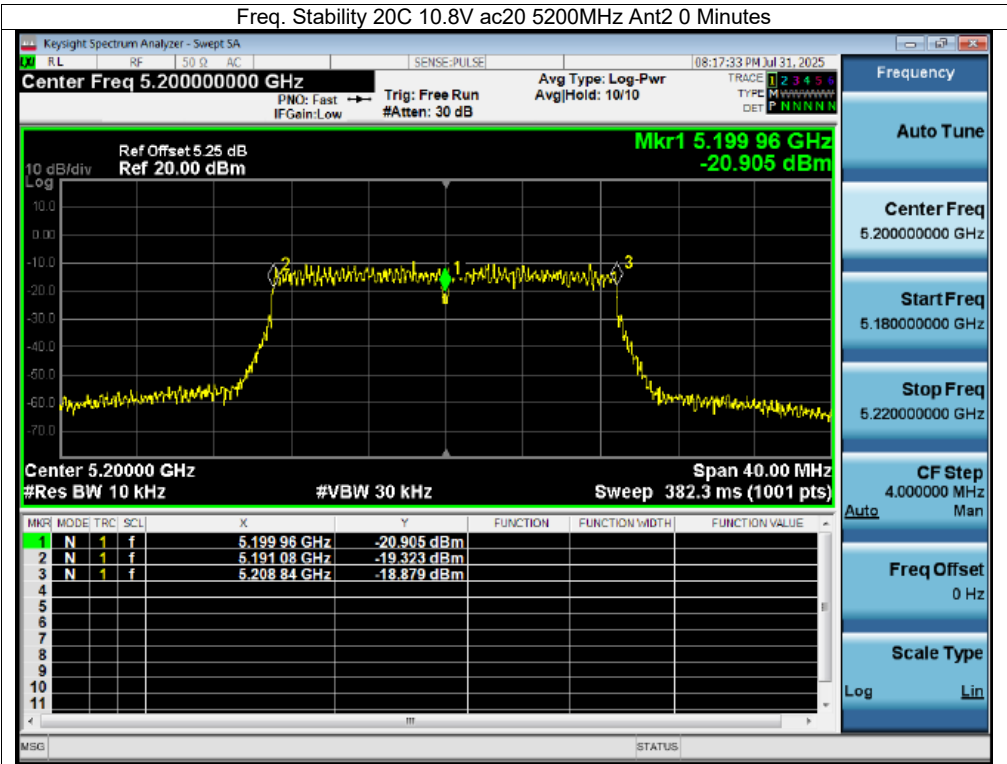


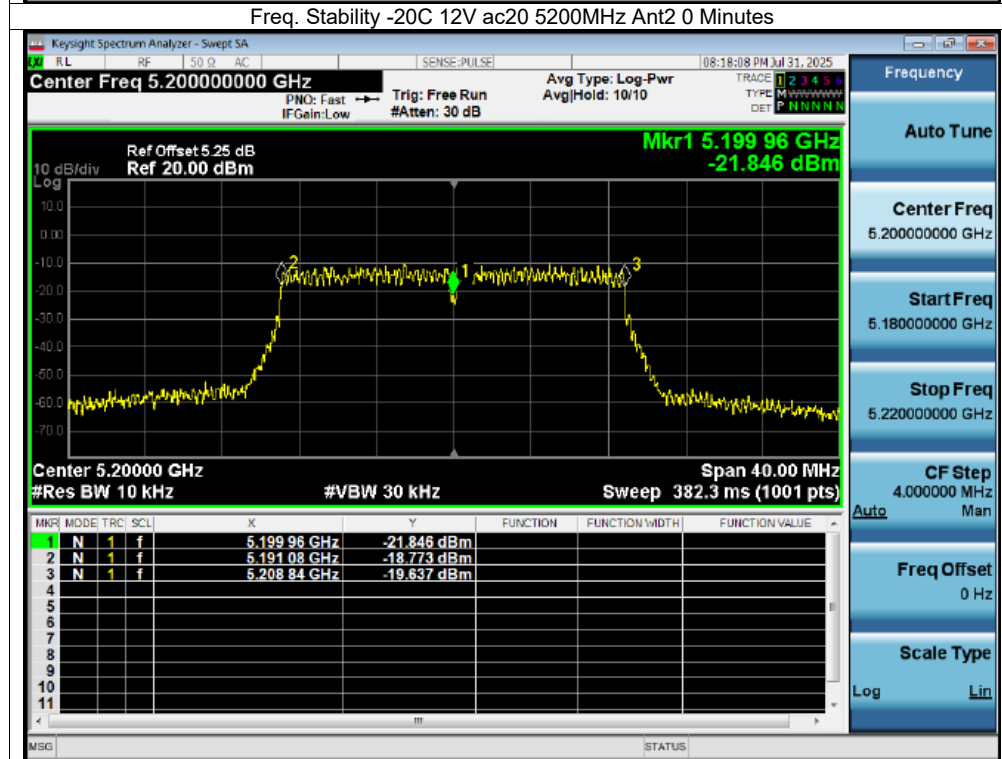
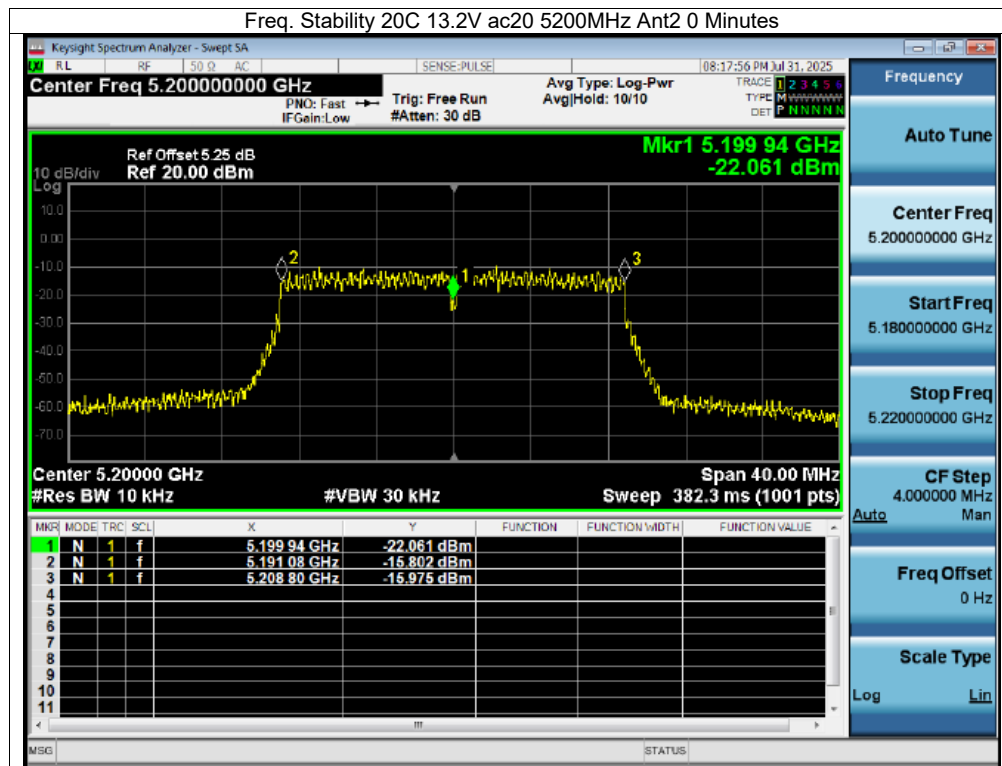


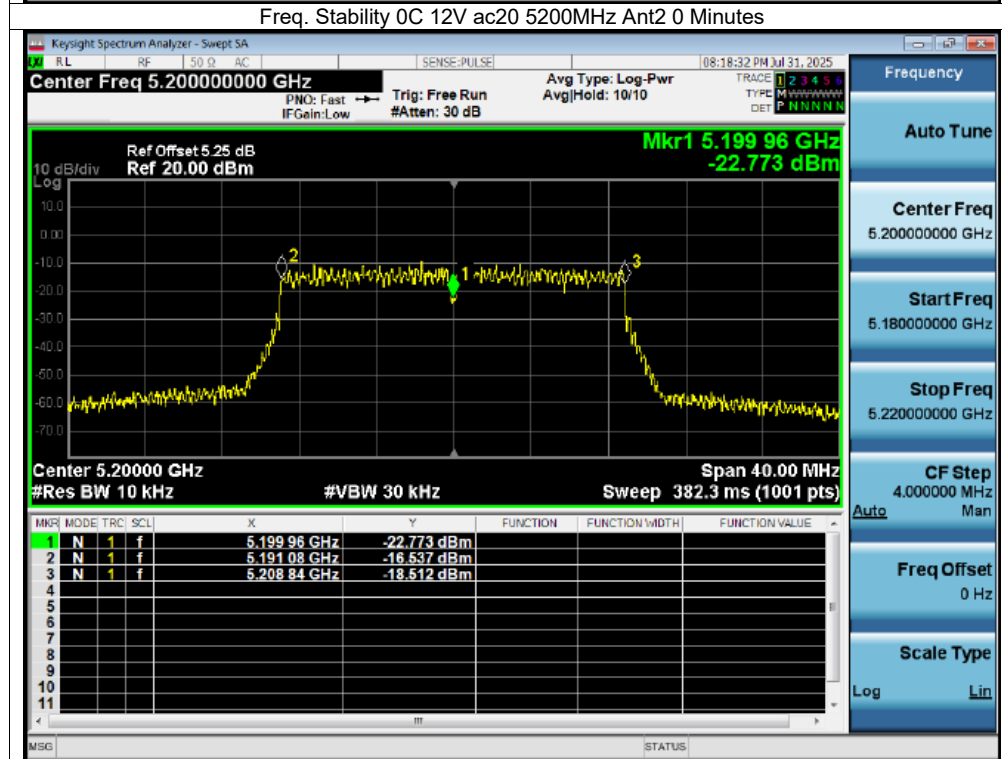
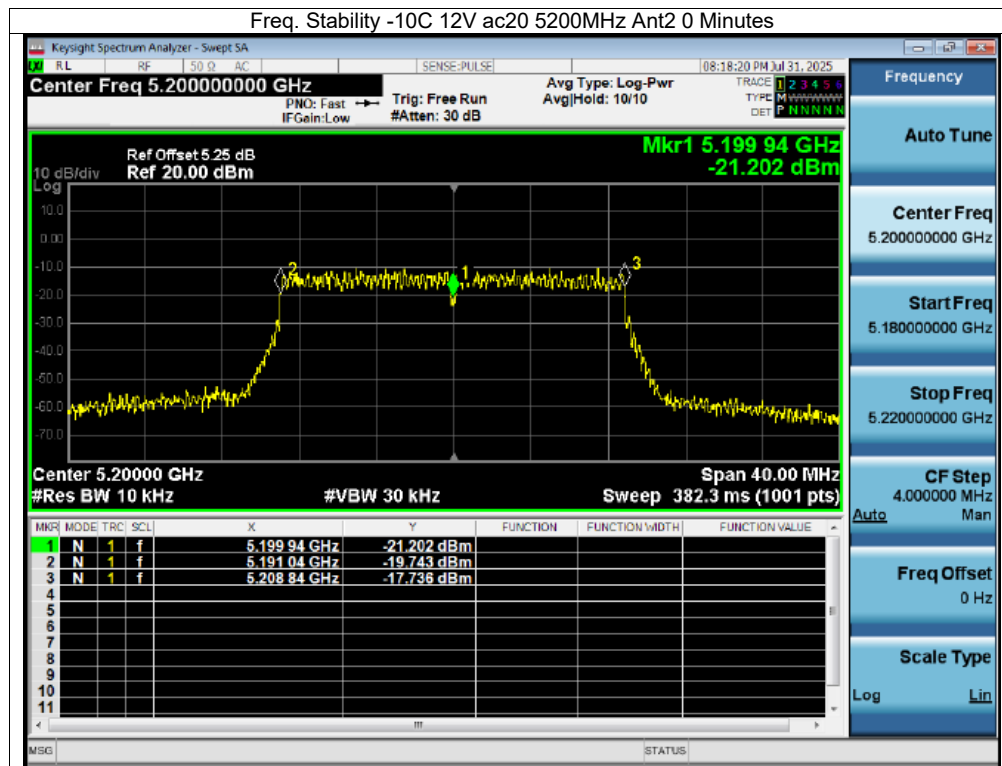


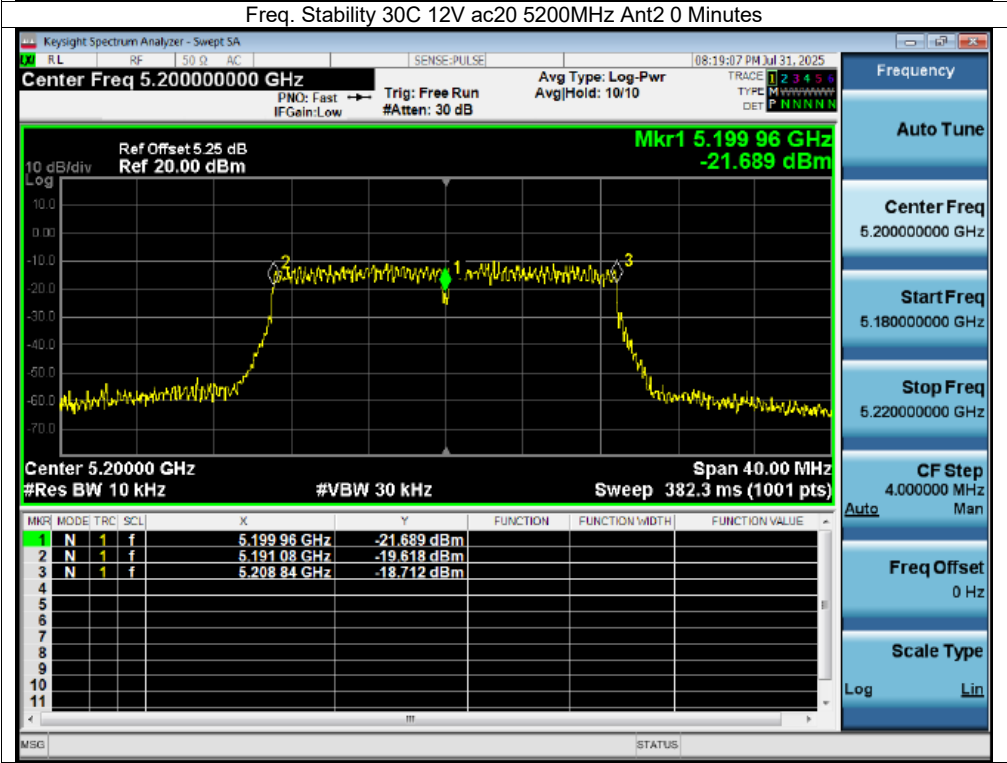
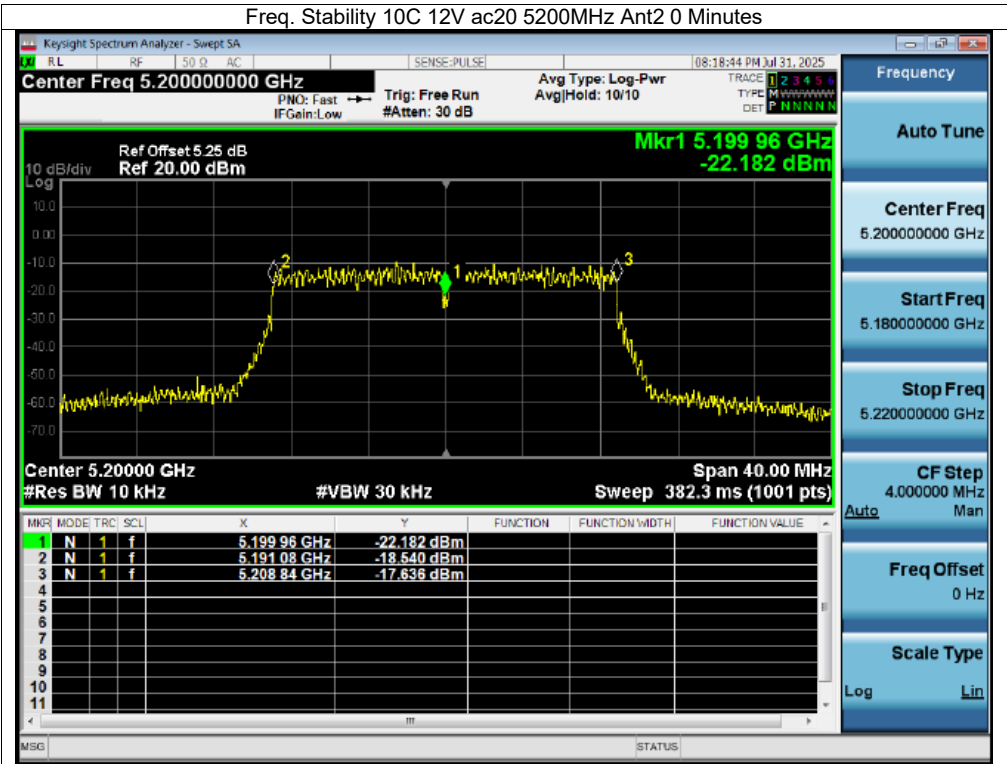


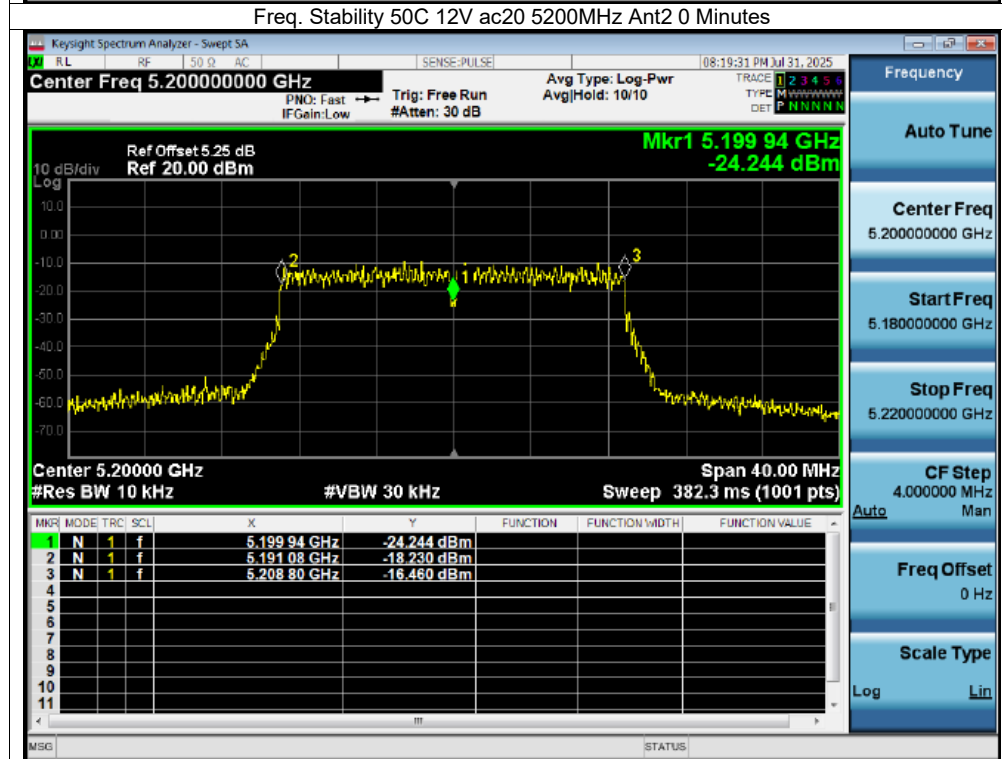
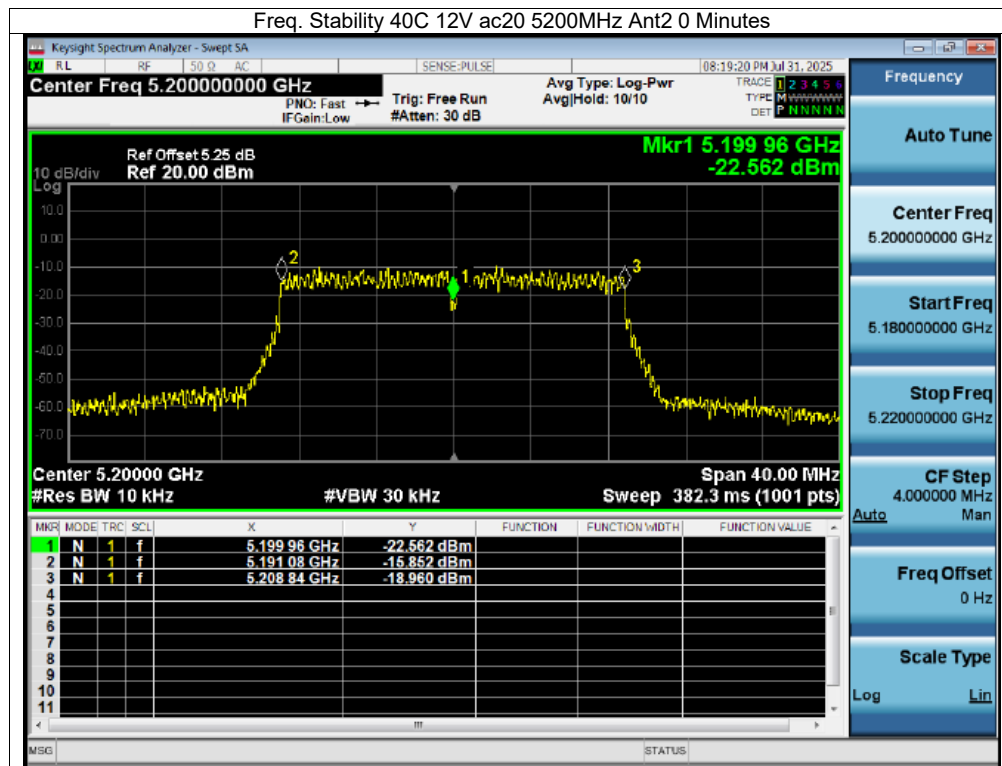


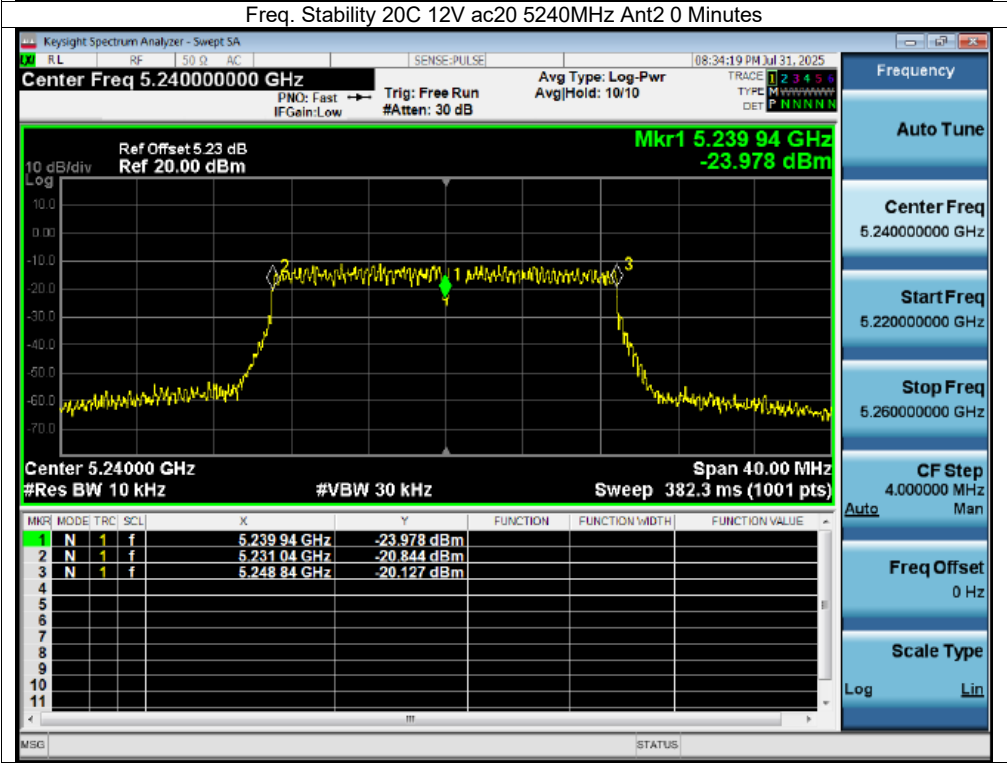
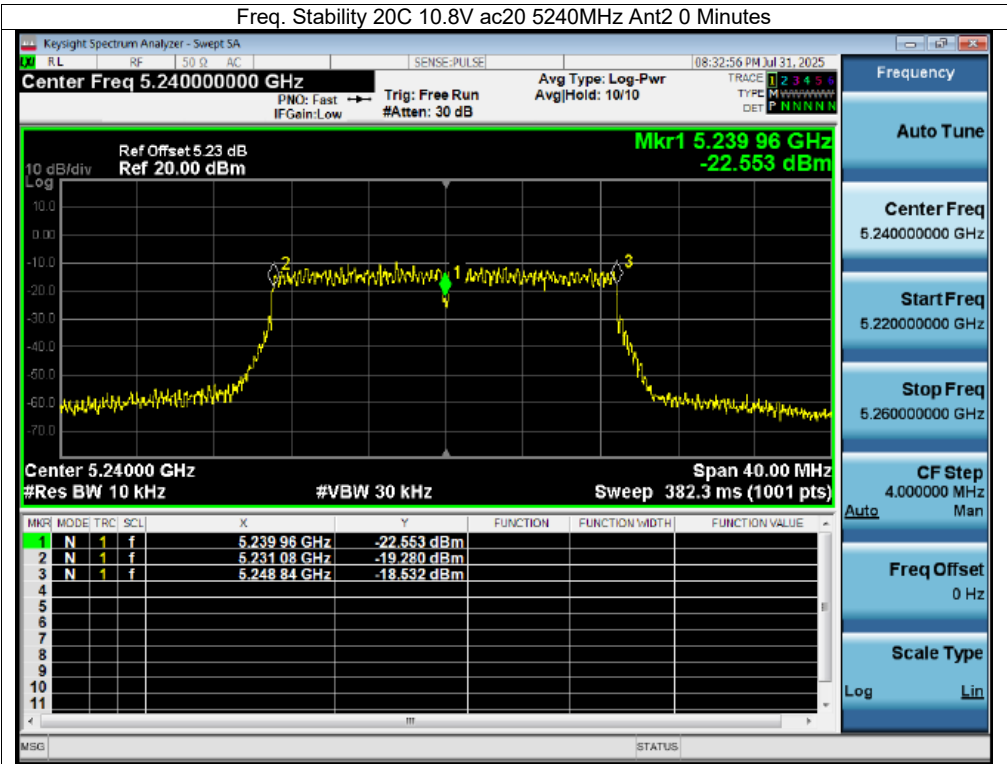


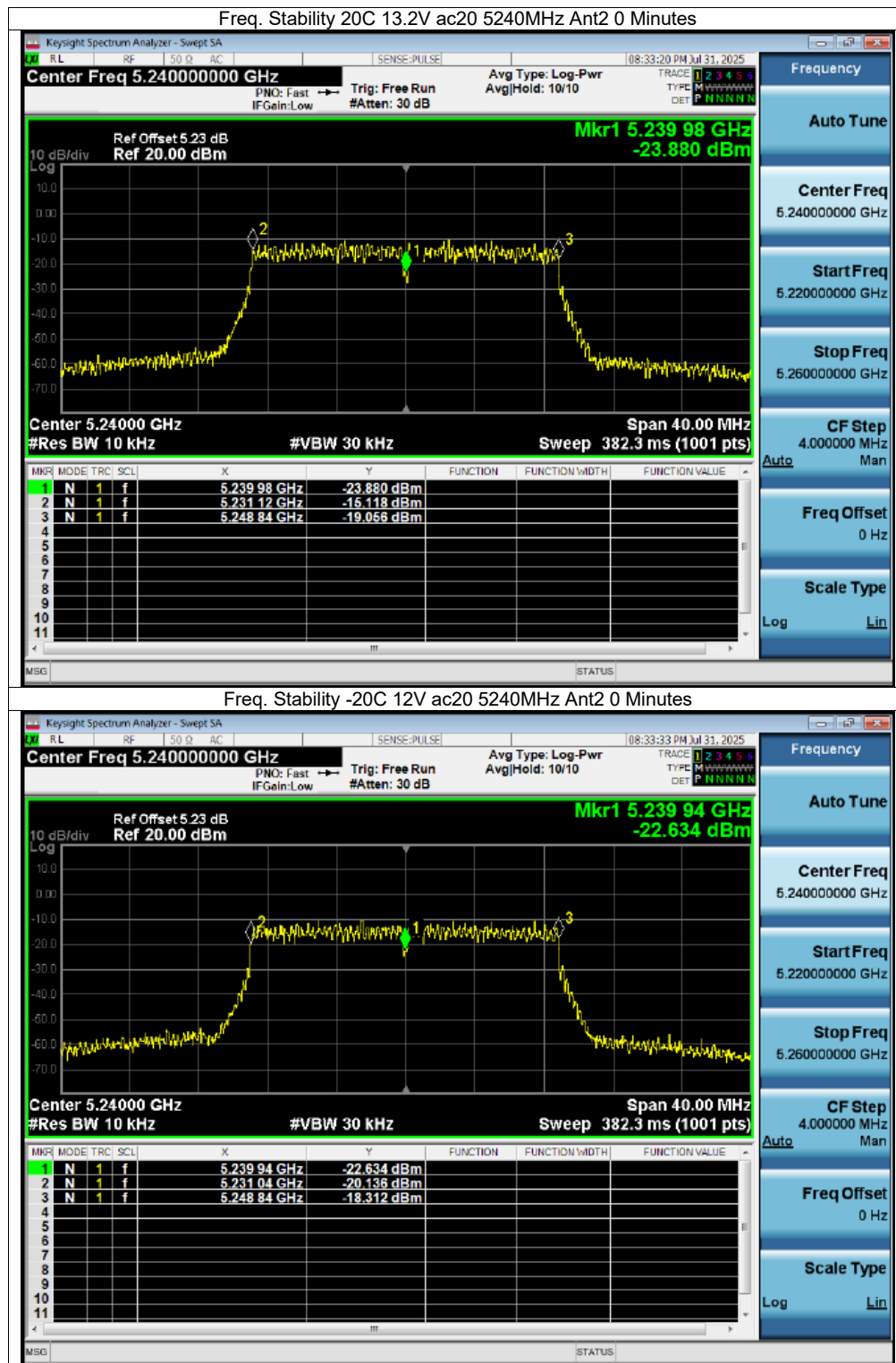


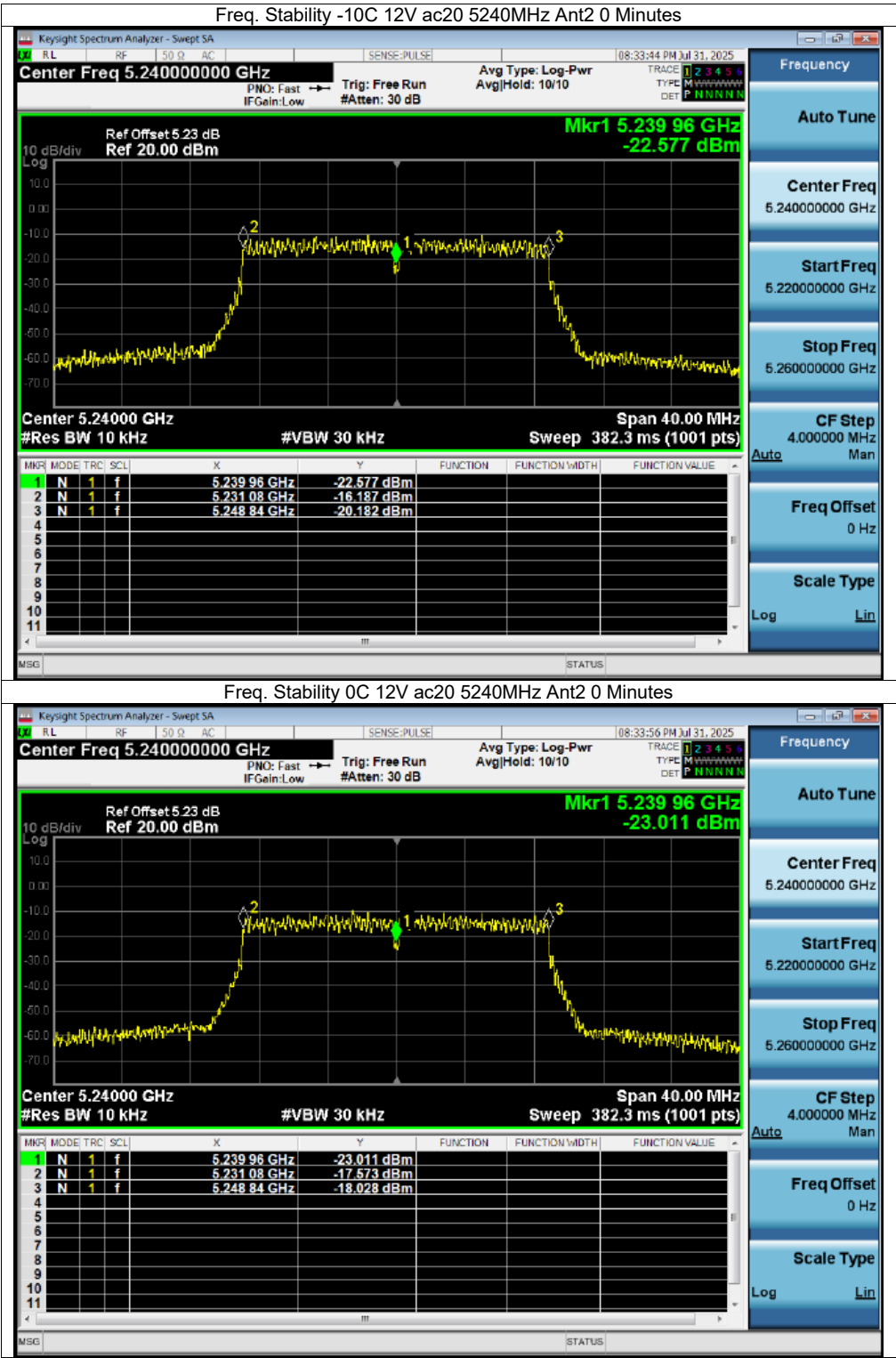












Freq. Stability 0C 12V ac20 5240MHz Ant2 0 Minutes

Keysight Spectrum Analyzer - Swept SA

RLRF500ACSENSE-PULSE

08:33:56 PM Jul 31, 2025

Center Freq 5.240000000 GHz

Trig: Free Run

Avg Type: Log-Pwr

Trig: PNO: Fast

Avg|Hold: 10/10

TYPE M

DET P

Ref Offset 5.23 dB

Ref 20.00 dBm

Mkr1 5.239 96 GHz

-23.011 dBm

10 dB/div

Log

Center 5.24000 GHz

#Res BW 10 kHz

#VBW 30 kHz

Span 40.00 MHz

Sweep 382.3 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.239 96 GHz	-23.011 dBm			
2	N	1	f	5.231 08 GHz	-17.573 dBm			
3	N	1	f	5.248 84 GHz	-18.028 dBm			

MSGSTATUS

Frequency

Auto Tune

Center Freq

5.240000000 GHz

Start Freq

5.220000000 GHz

Stop Freq

5.260000000 GHz

CF Step

4.000000 MHz

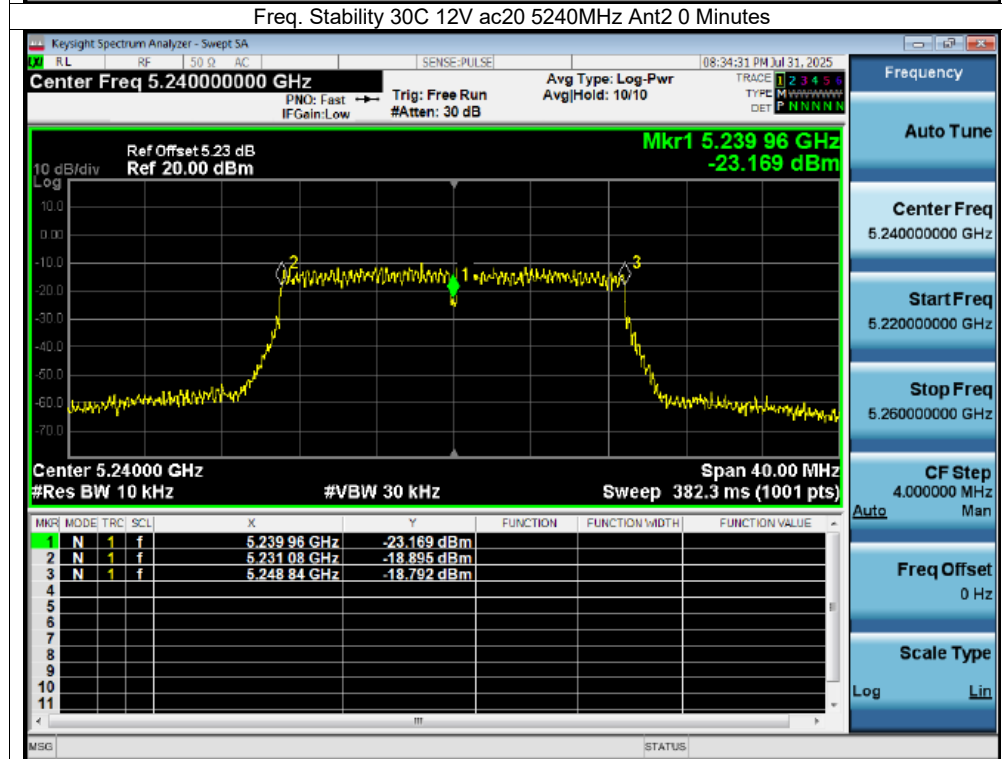
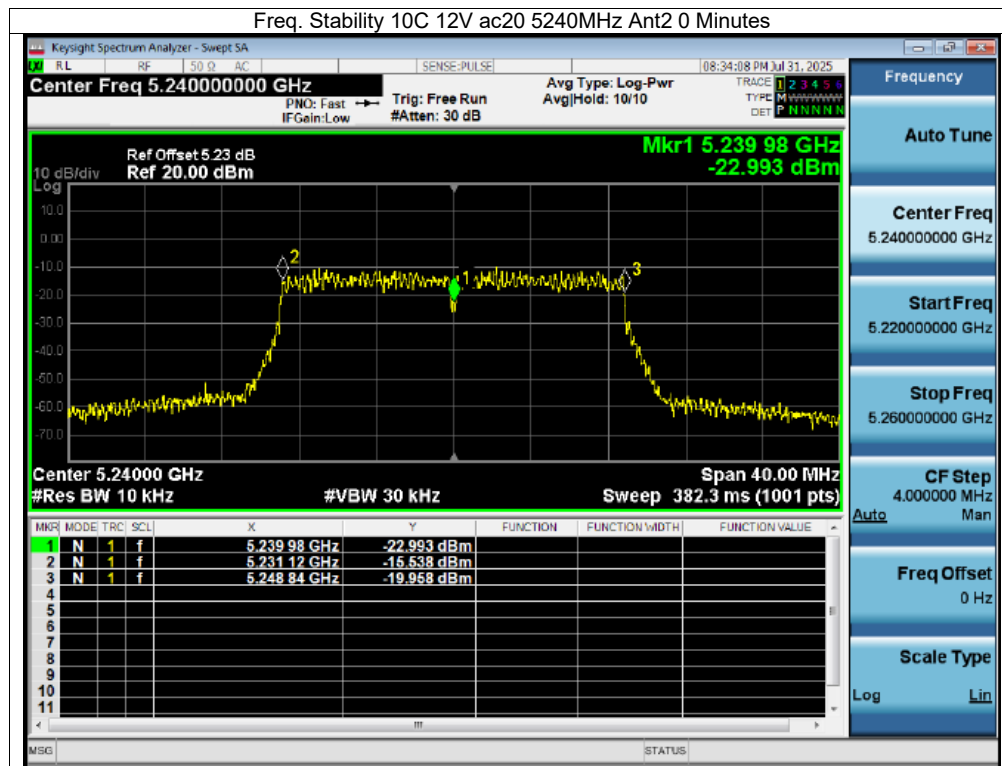
AutoMan

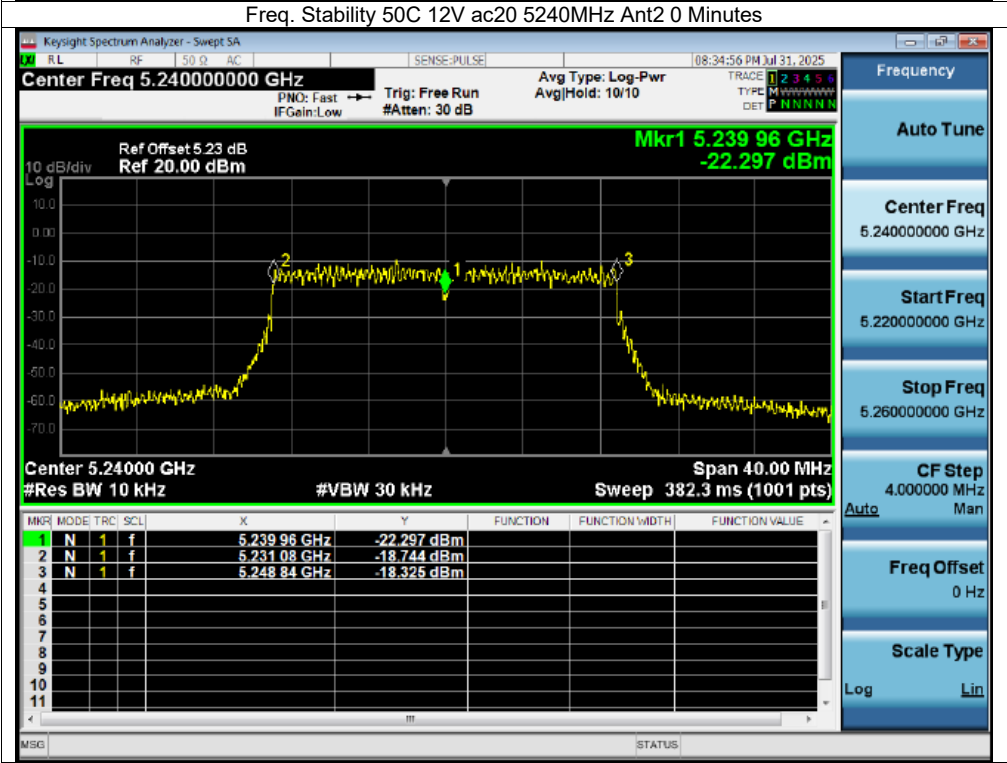
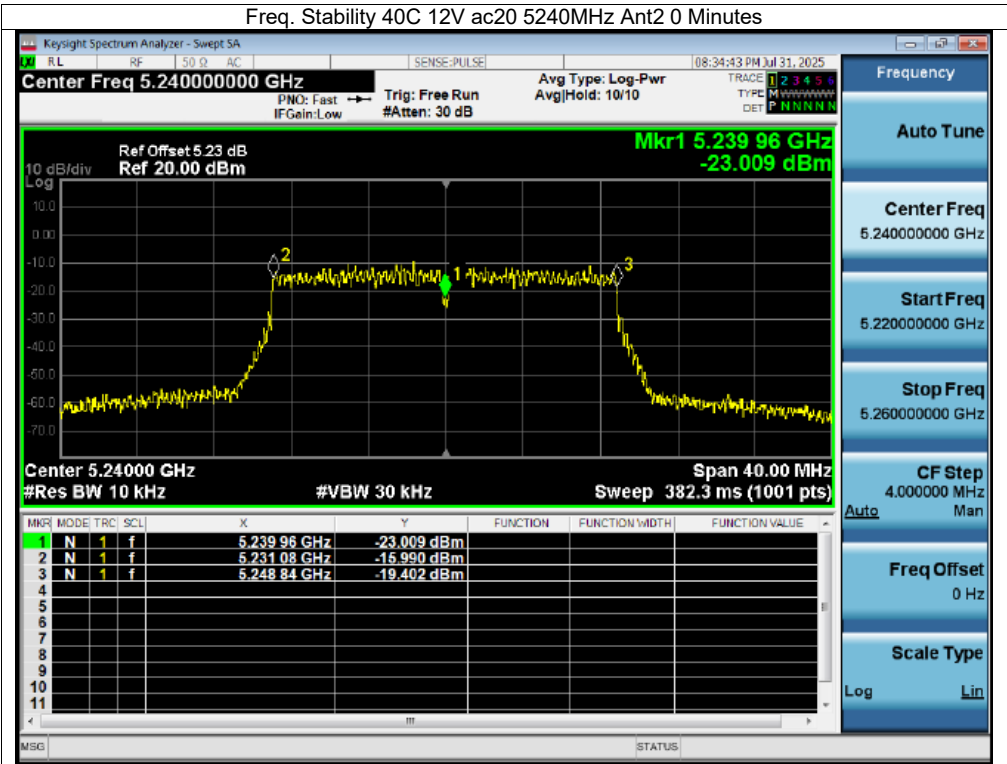
Freq Offset

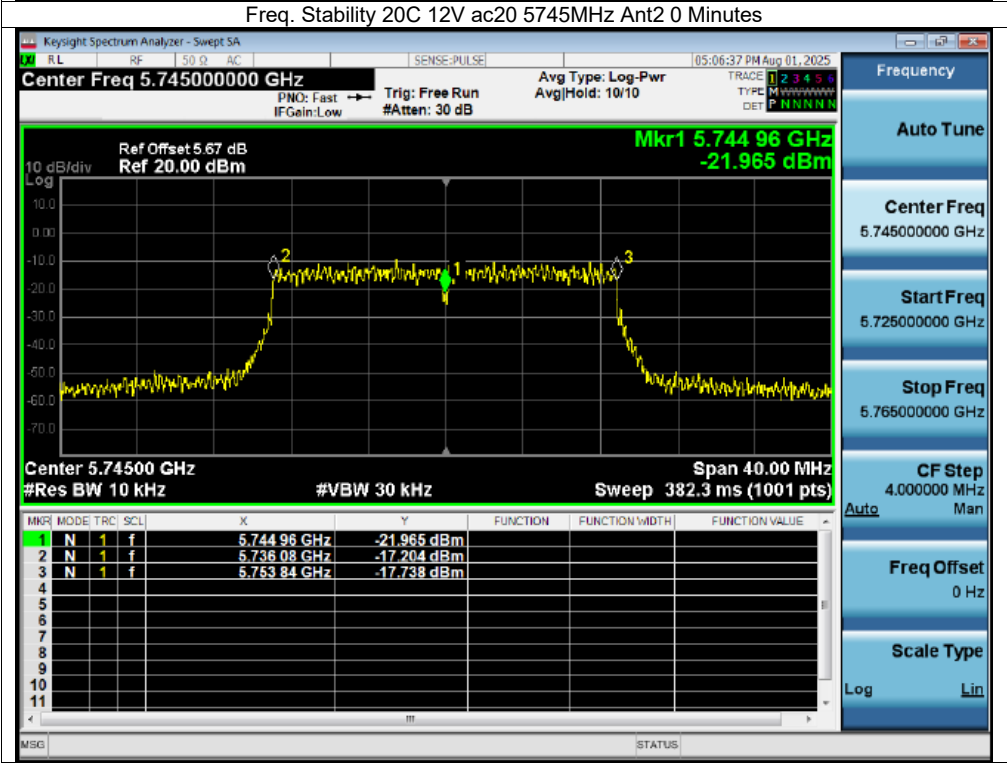
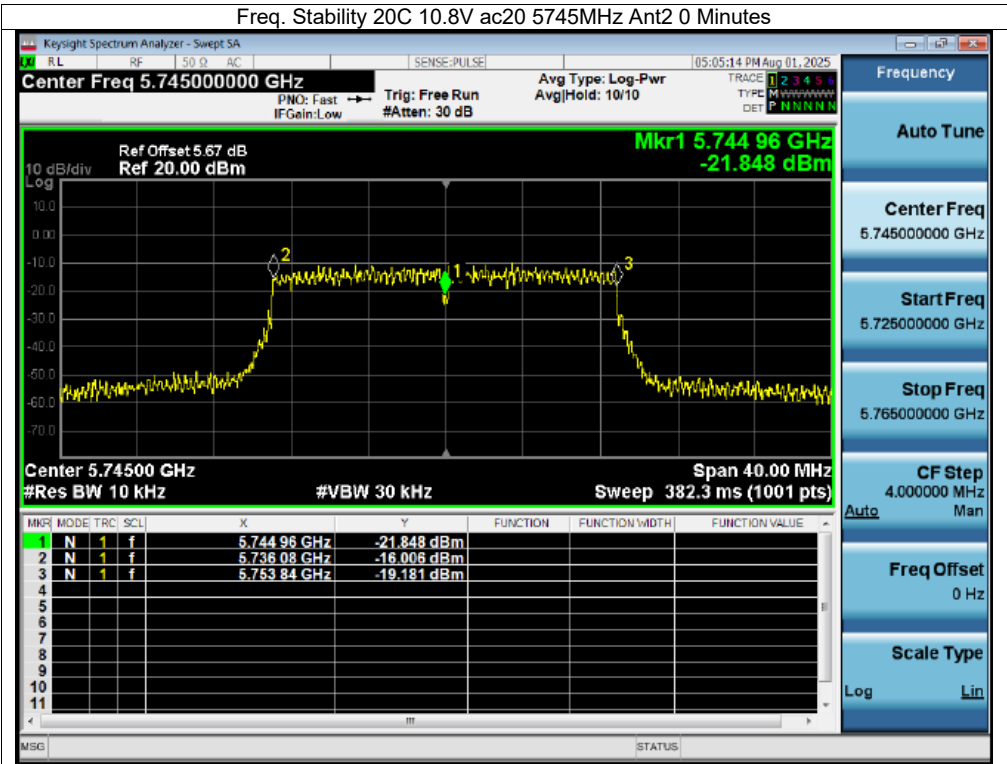
0 Hz

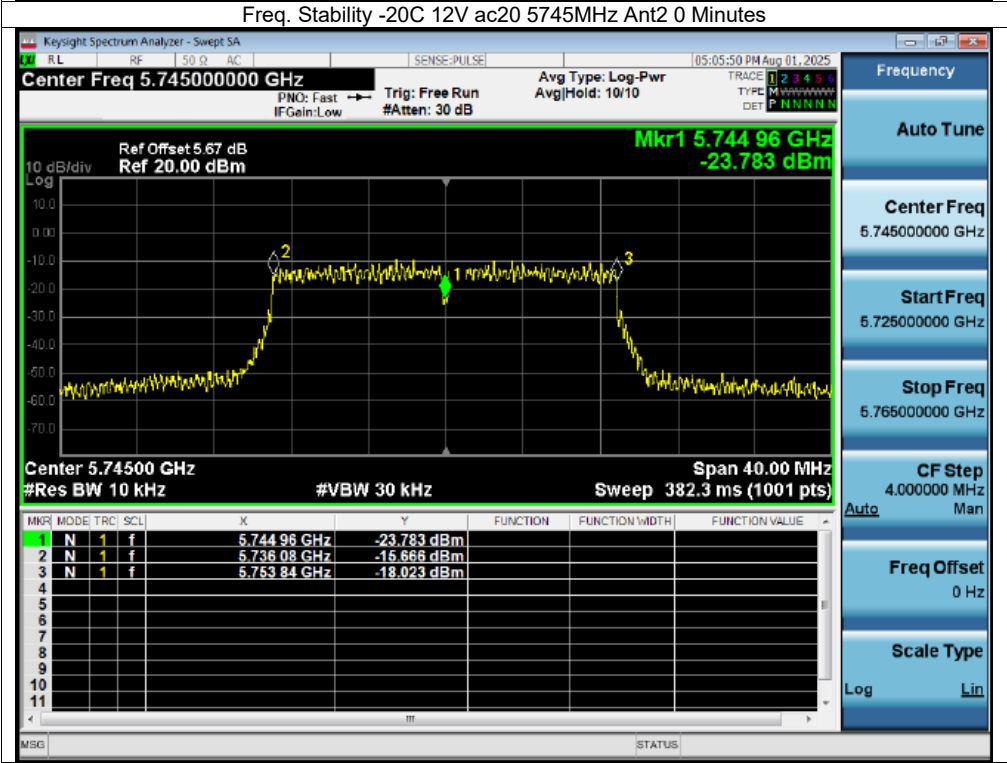
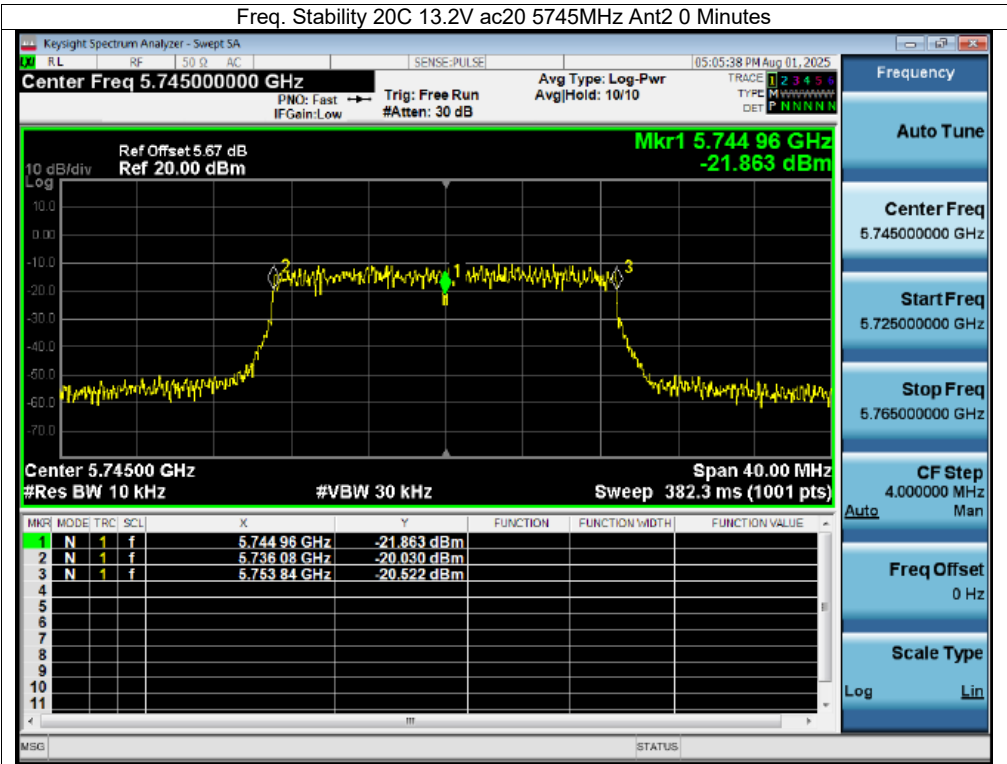
Scale Type

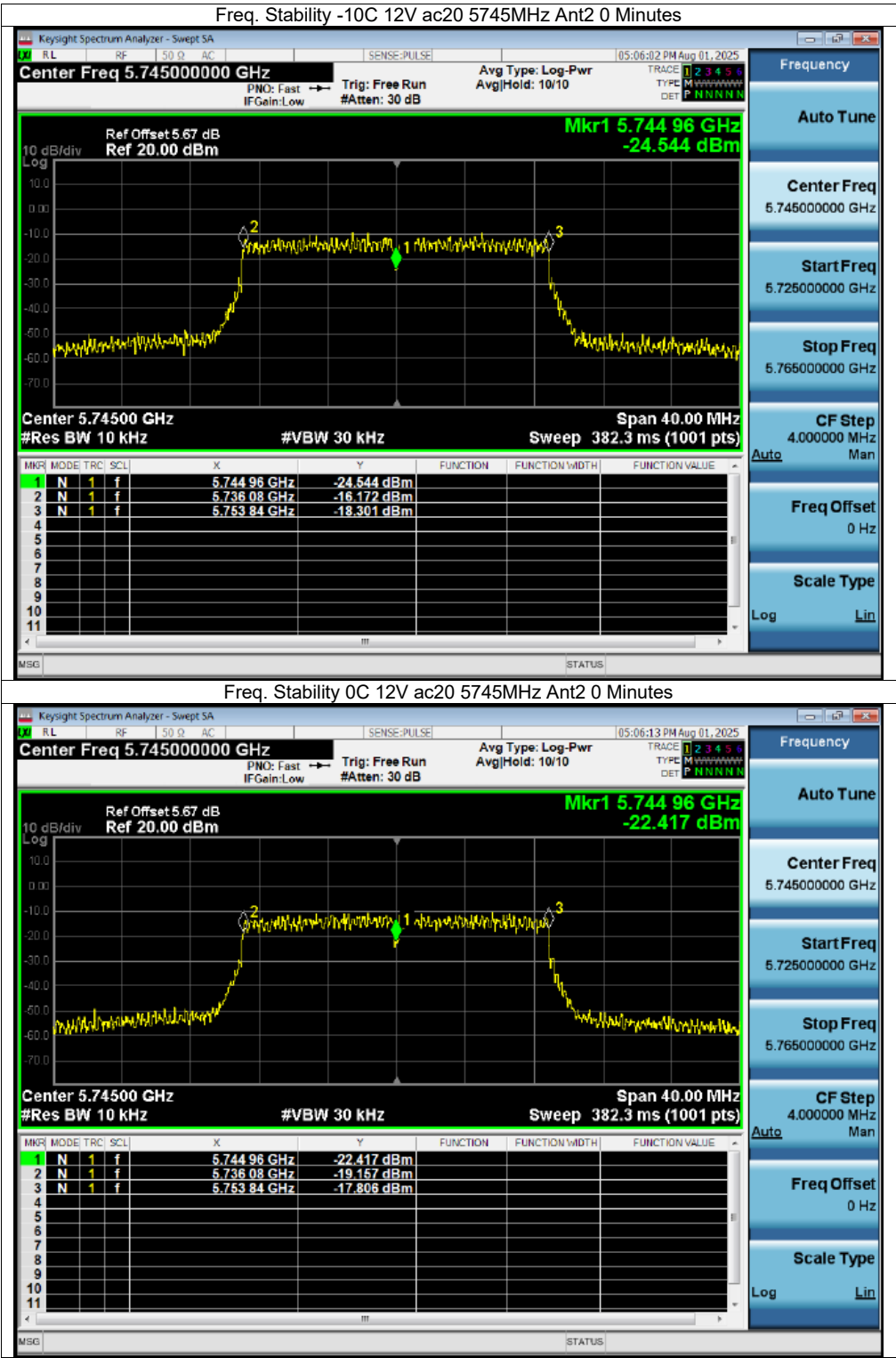
LogLin











Freq. Stability 0C 12V ac20 5745MHz Ant2 0 Minutes

Keysight Spectrum Analyzer - Swept SA

RLRF500ACSENSE-PULSE

05:06:13 PM Aug 01, 2025

Center Freq 5.745000000 GHz

PNO: FastIF Gain: Low

Trig: Free Run#Atten: 30 dB

Avg Type: Log-PwrAvg/Hold: 10/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET P N N N N N N

Ref Offset 5.67 dB

Ref 20.00 dBm

Mkr1 5.744 96 GHz

-22.417 dBm

Center 5.74500 GHz

#Res BW 10 kHz

#VBW 30 kHz

Span 40.00 MHz

Sweep 382.3 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.744 96 GHz	-22.417 dBm			
2	N	1	f	5.736 08 GHz	-19.157 dBm			
3	N	1	f	5.753 84 GHz	-17.806 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq5.745000000 GHz

Start Freq5.725000000 GHz

Stop Freq5.765000000 GHz

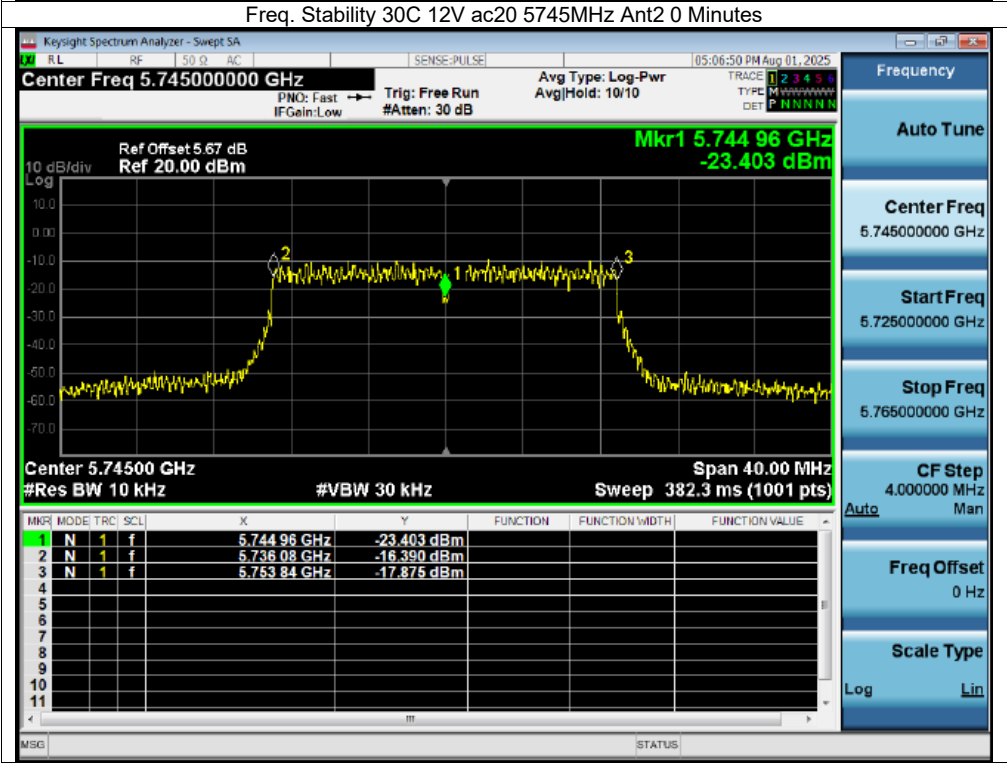
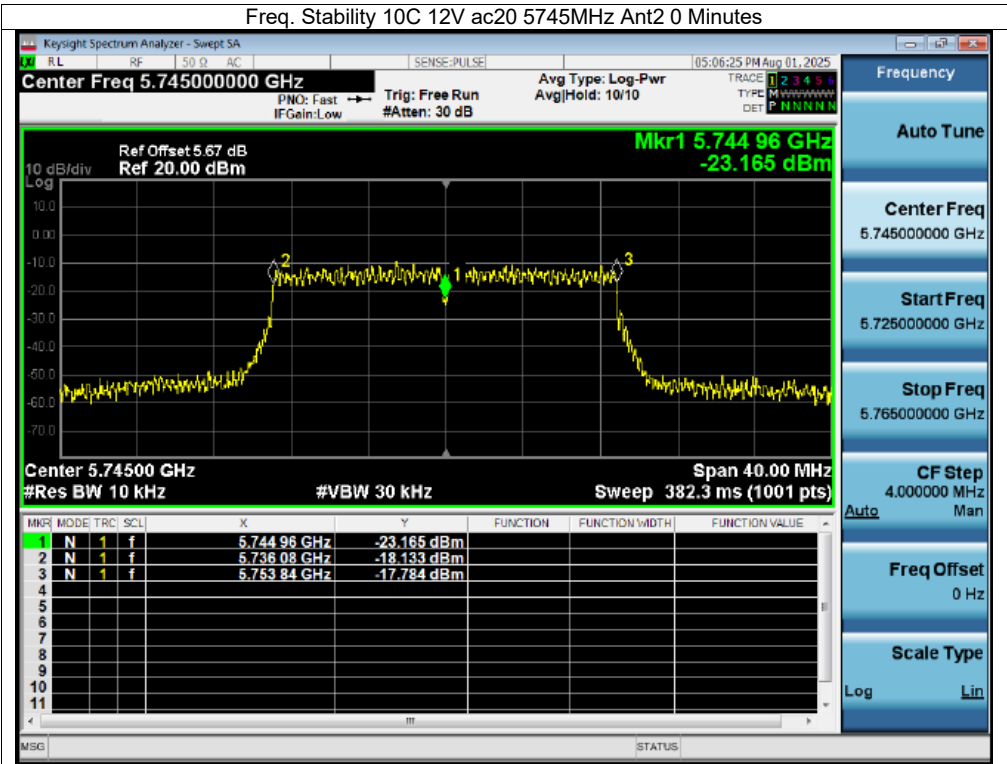
CF Step4.000000 MHz

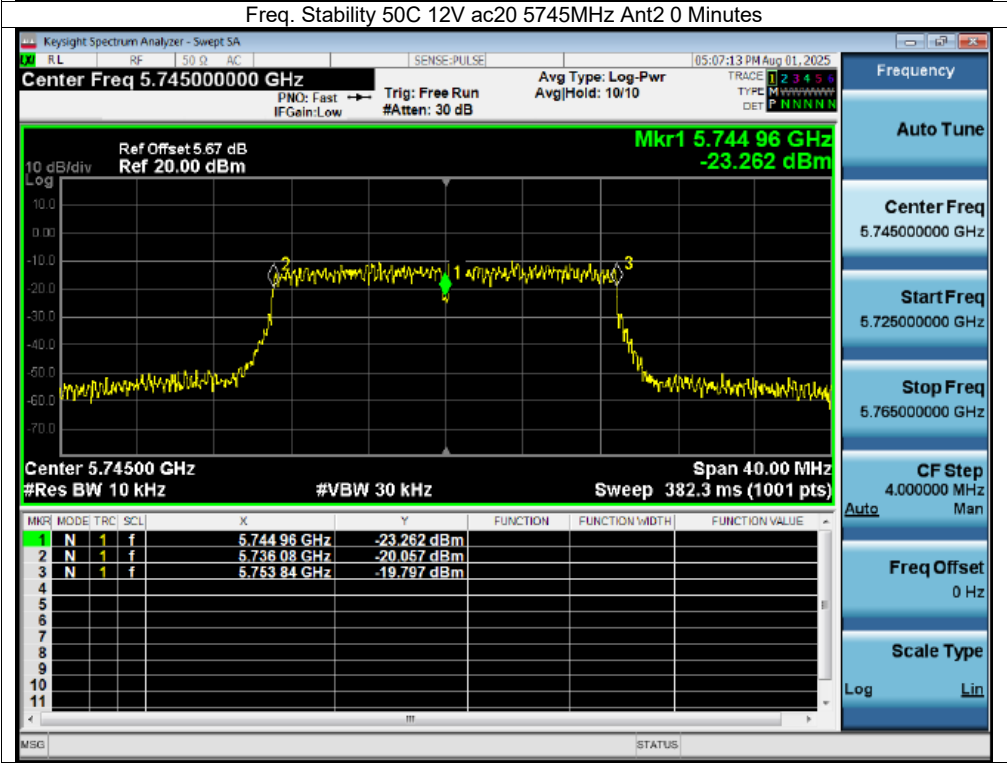
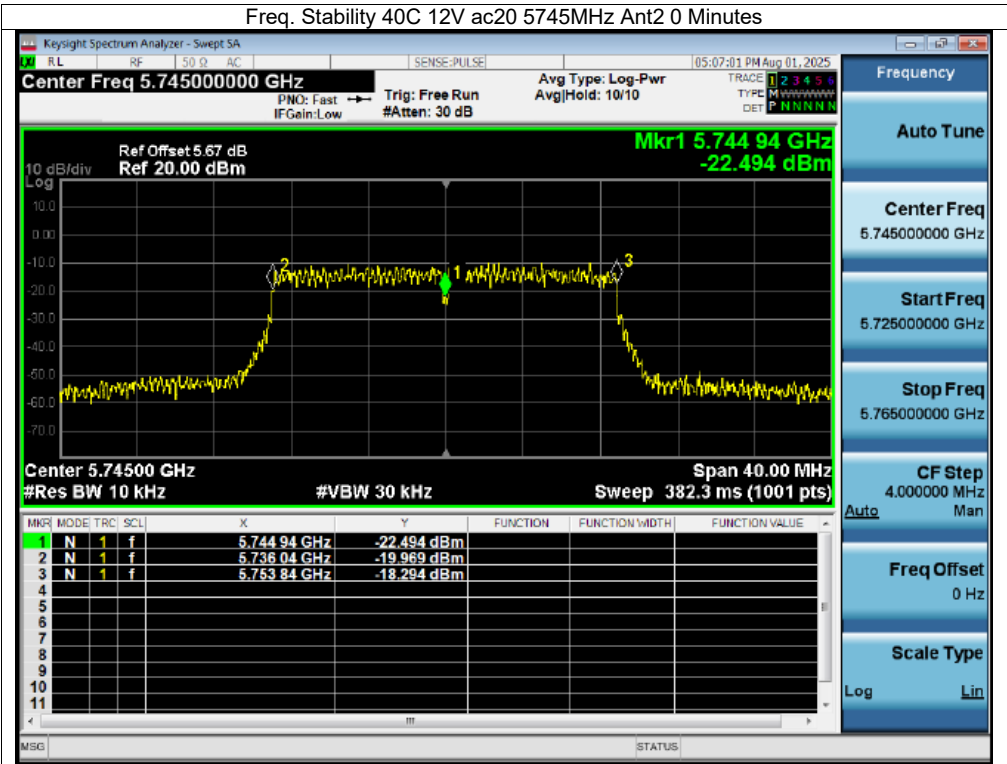
AutoMan

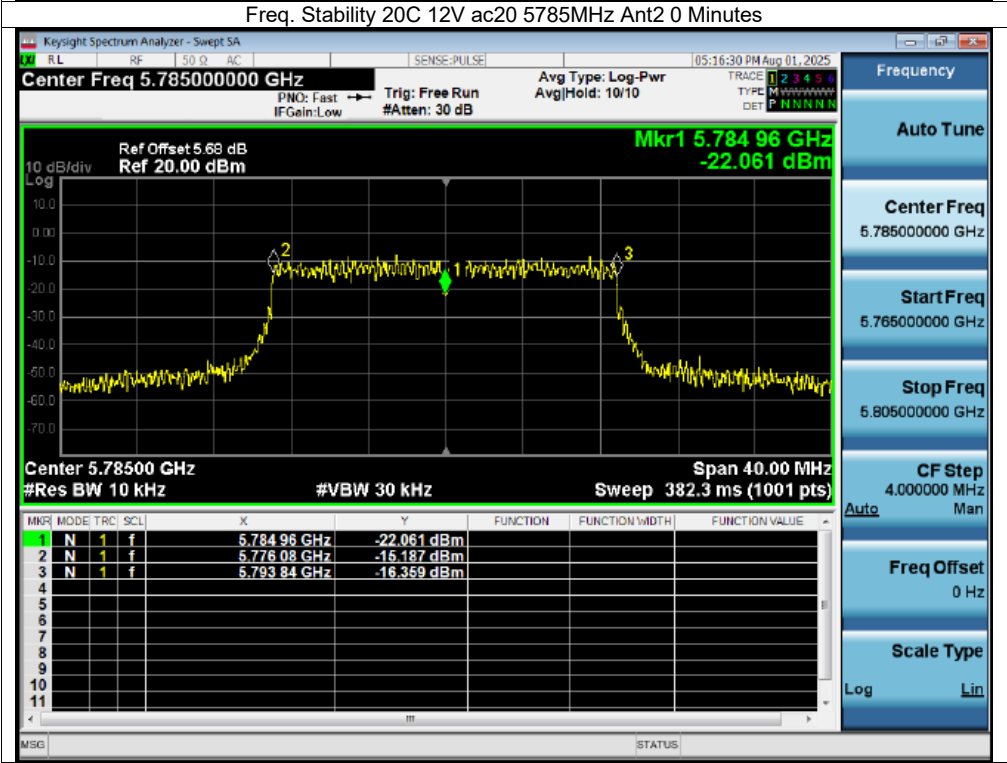
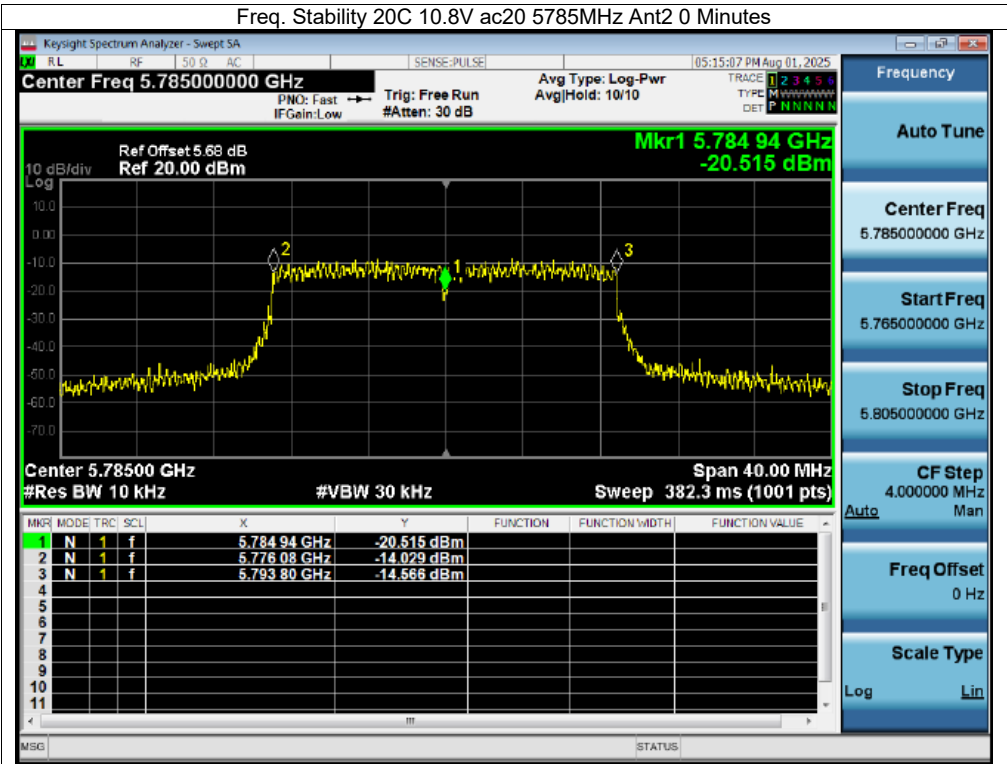
Freq Offset0 Hz

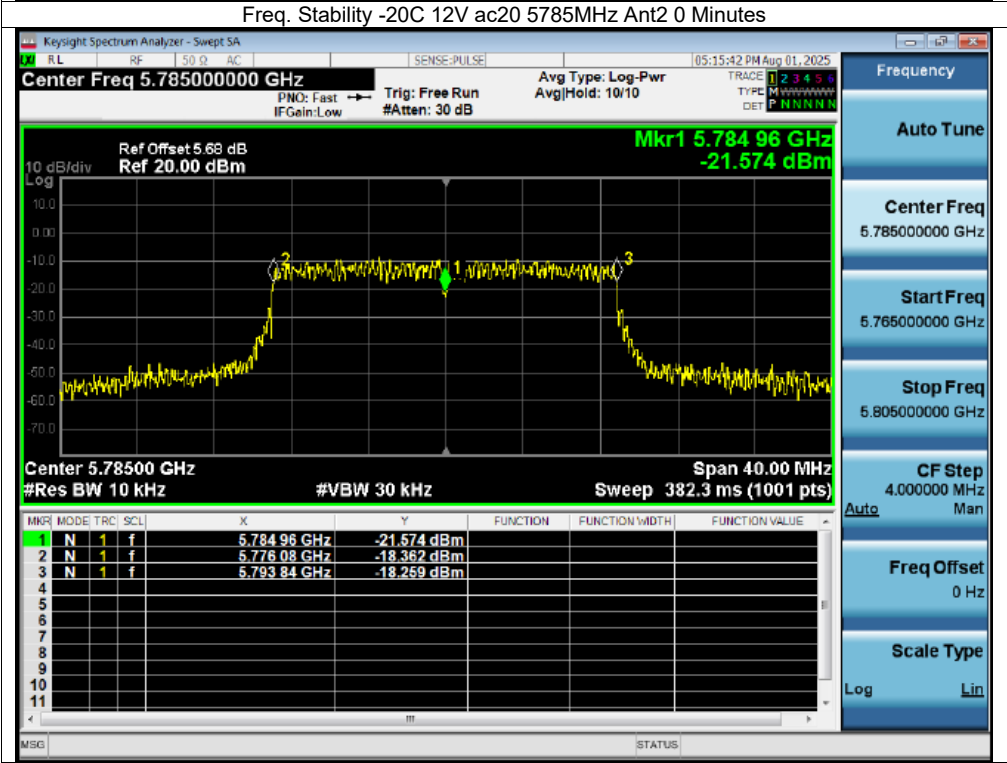
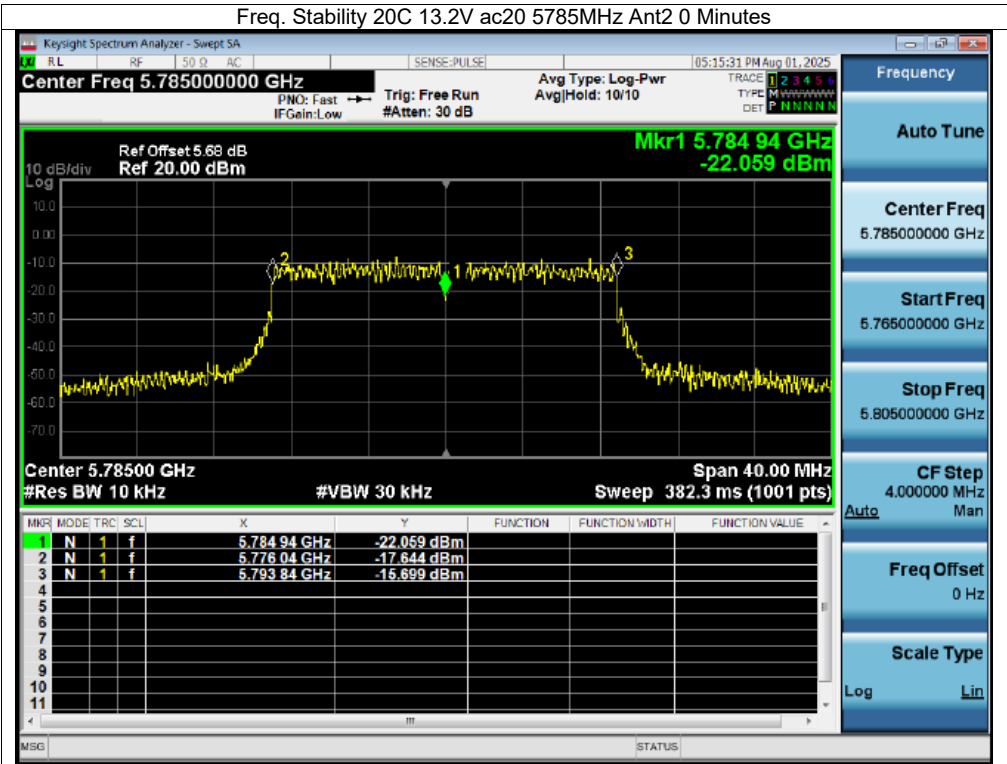
Scale Type

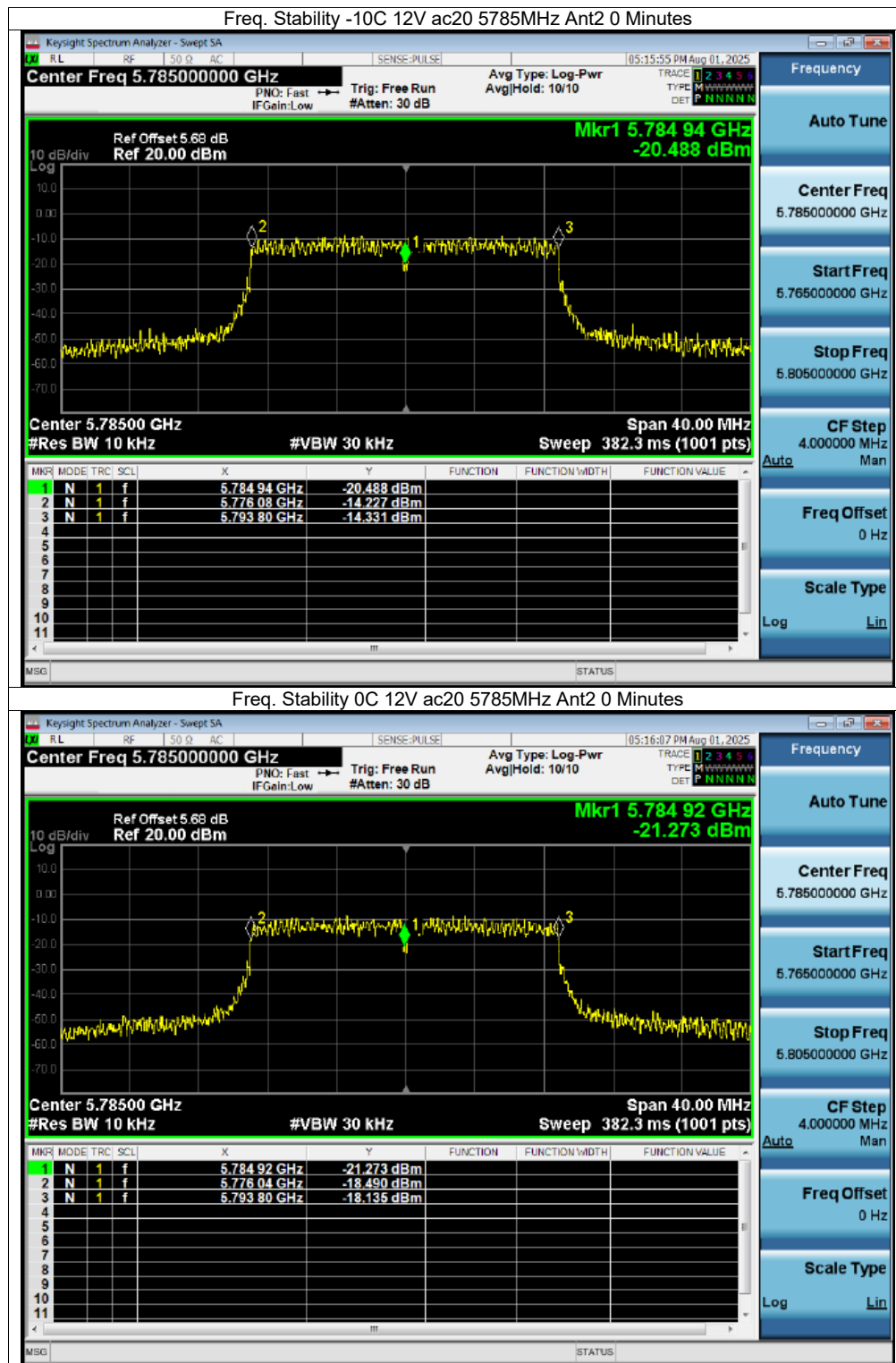
LogLin

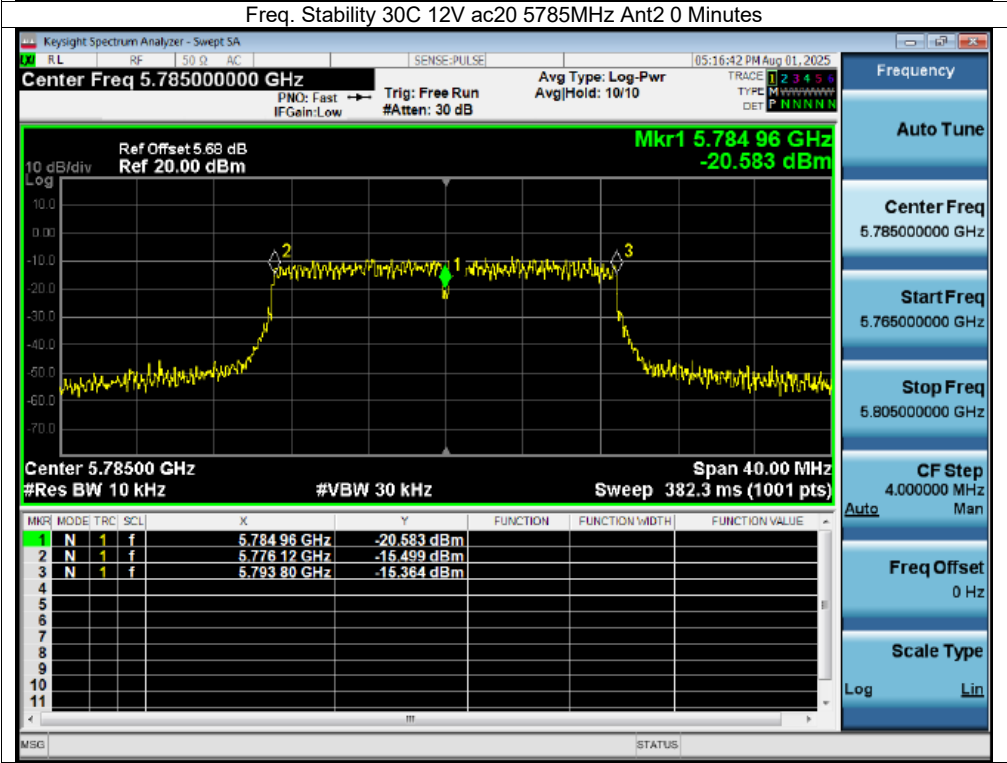
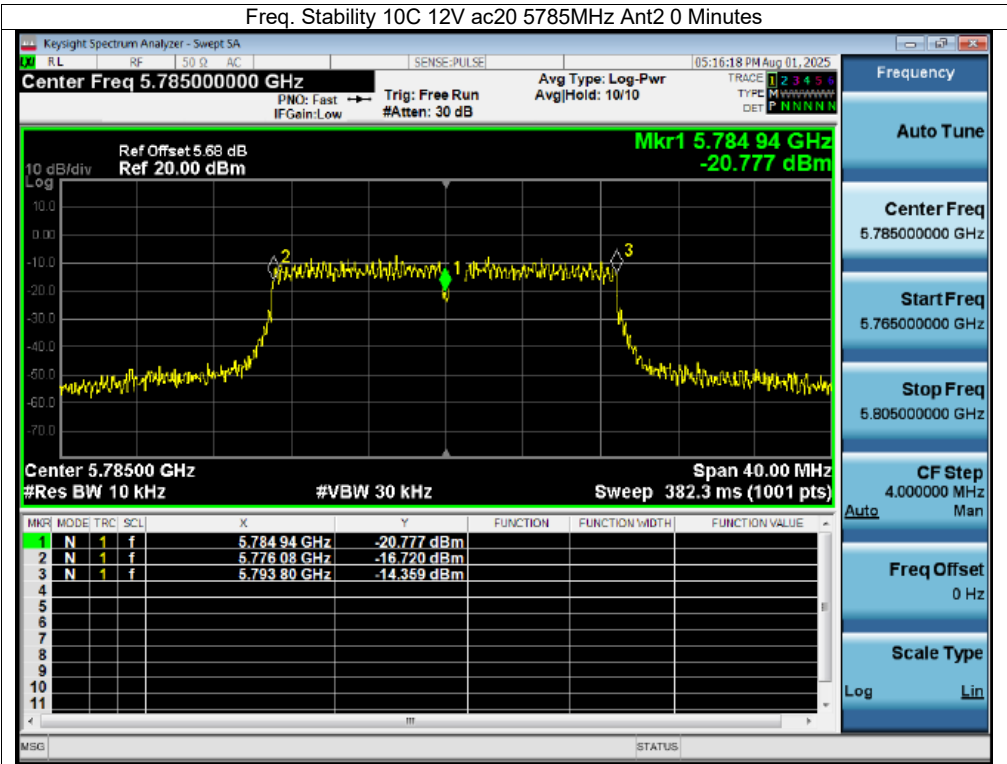


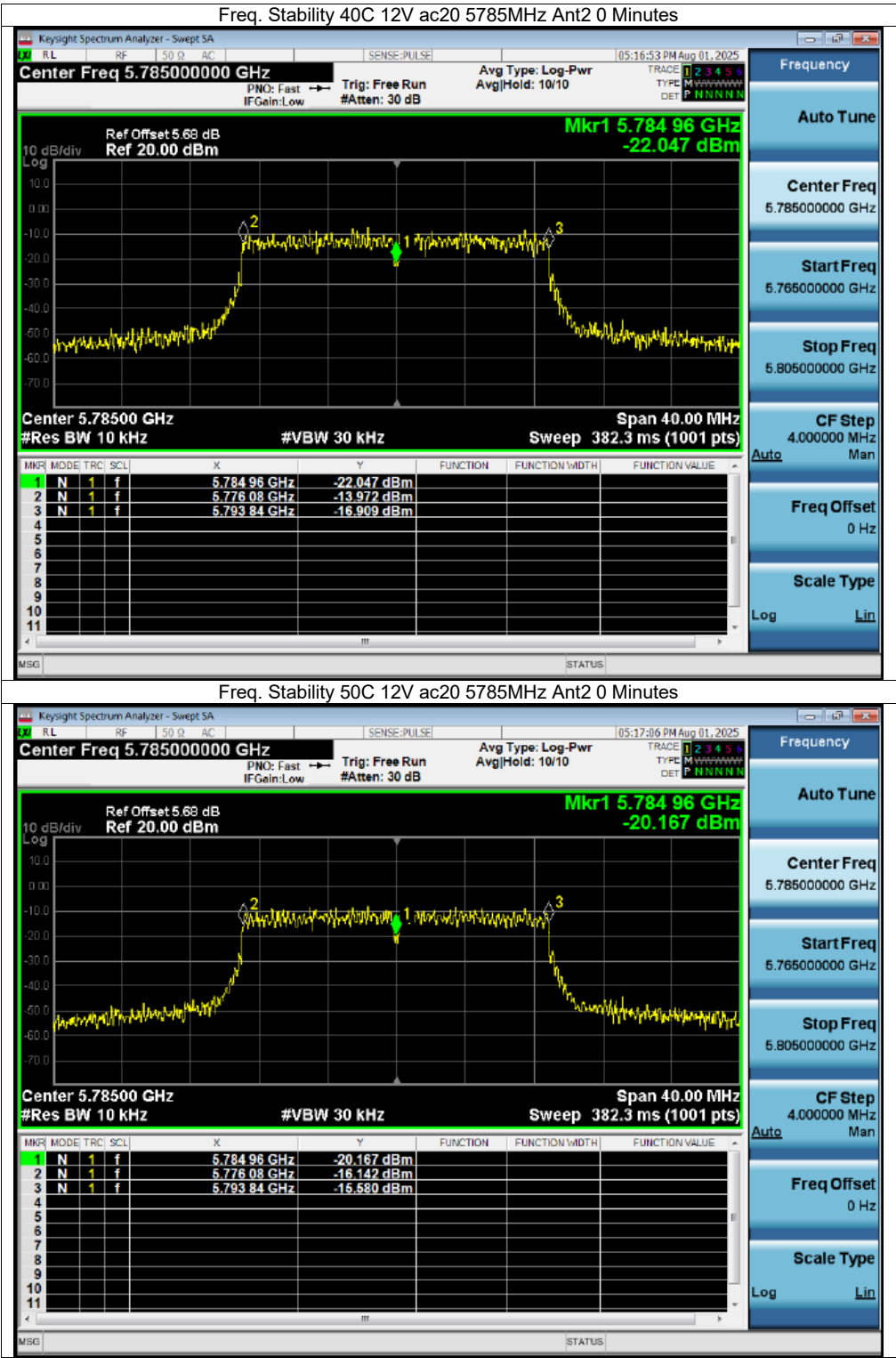












Freq. Stability 50C 12V ac20 5785MHz Ant2 0 Minutes

Keysight Spectrum Analyzer - Swept SA

RLRF500ACSENSE-PULSE

05:17:06 PM Aug 01, 2025

Center Freq 5.785000000 GHz

PNO: FastIF Gain: Low

Trig: Free Run# Atten: 30 dB

Avg Type: Log-PwrAvg/Hold: 10/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P N N N N N

Ref Offset 5.68 dB

Ref 20.00 dBm

Mkr1 5.784 96 GHz

-20.167 dBm

Center 5.78500 GHz

#Res BW 10 kHz

#VBW 30 kHz

Span 40.00 MHz

Sweep 382.3 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.784 96 GHz	-20.167 dBm			
2	N	1	f	5.776 08 GHz	-16.142 dBm			
3	N	1	f	5.793 84 GHz	-15.580 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSGSTATUS

Frequency

Auto Tune

Center Freq5.785000000 GHz

Start Freq5.765000000 GHz

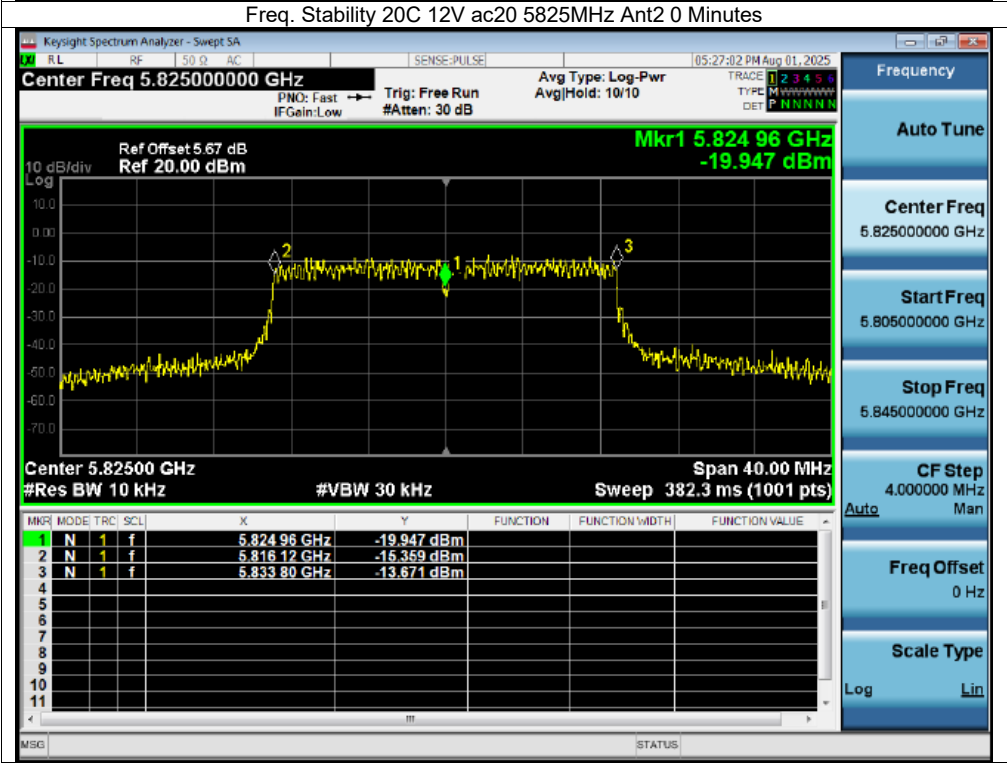
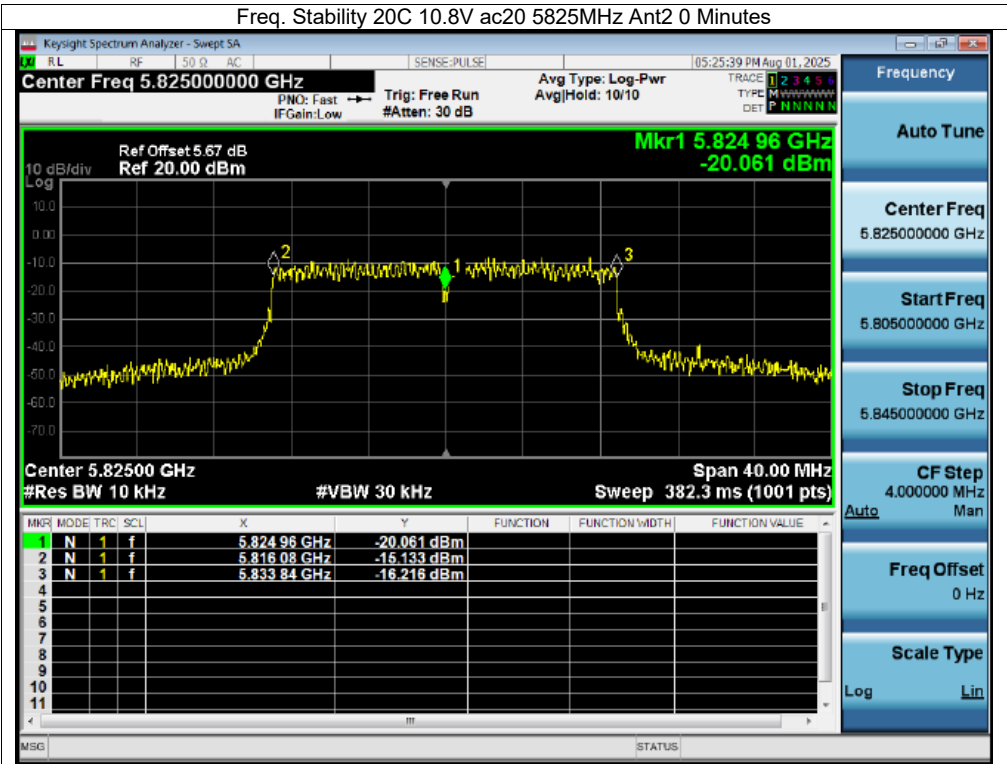
Stop Freq5.805000000 GHz

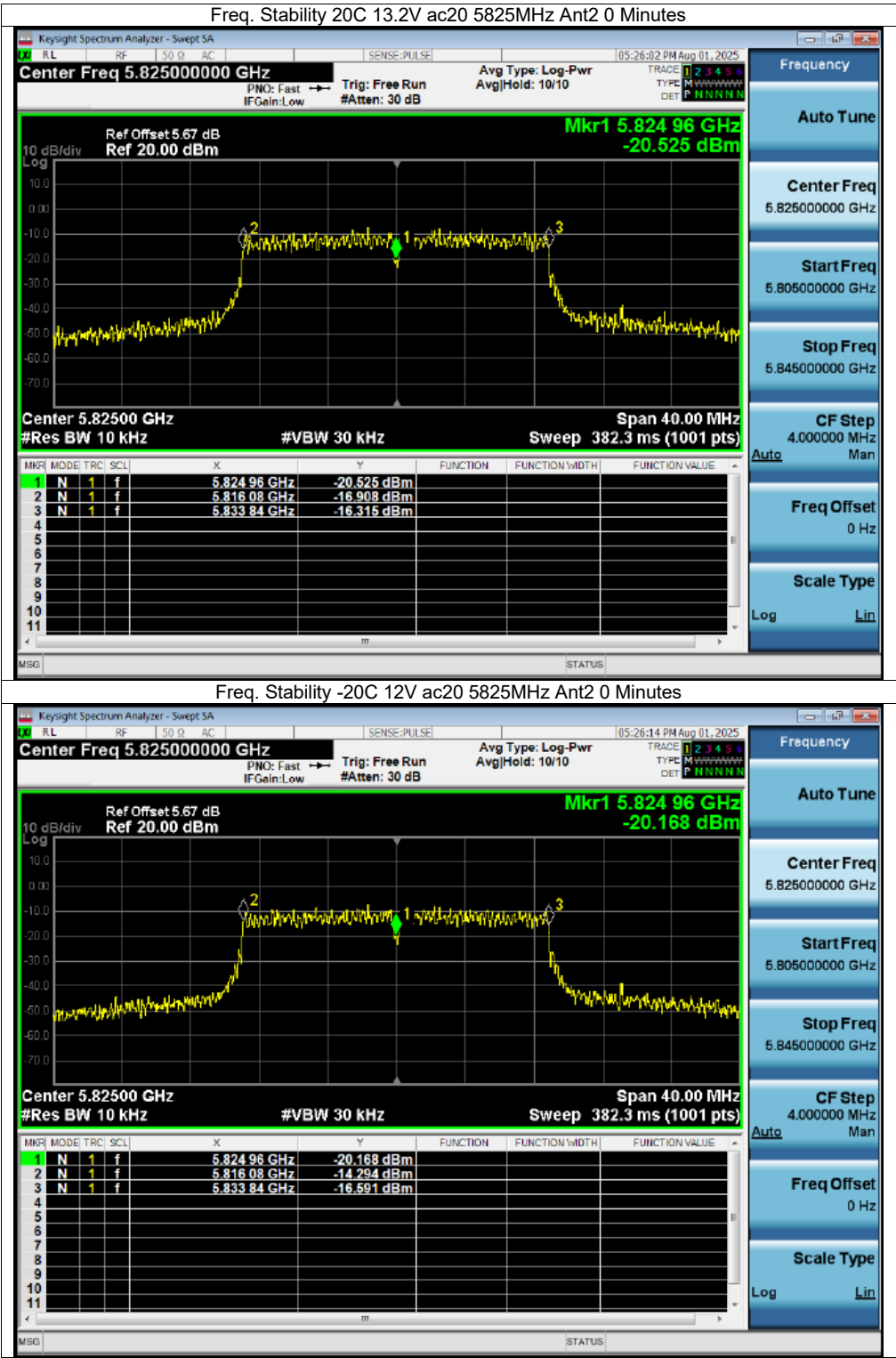
CF Step4.000000 MHz

AutoMan

Freq Offset0 Hz

Scale TypeLogLin





Freq. Stability -20C 12V ac20 5825MHz Ant2 0 Minutes

Keysight Spectrum Analyzer - Swept SA

RLRF500ACSENSE-PULSE

05:26:14 PM Aug 01, 2025

Center Freq 5.825000000 GHz

PNO: Fast → Trig: Free Run

IF Gain: Low #Atten: 30 dB

Avg Type: Log-Pwr Avg/Hold: 10/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET P N N N N N N

Ref Offset 5.67 dB

Ref 20.00 dBm

Mkr1 5.824 96 GHz

-20.168 dBm

Center 5.82500 GHz

#Res BW 10 kHz

#VBW 30 kHz

Span 40.00 MHz

Sweep 382.3 ms (1001 pts)

MARK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.824 96 GHz	-20.168 dBm			
2	N	1	f	5.816 08 GHz	-14.294 dBm			
3	N	1	f	5.833 84 GHz	-16.591 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 5.825000000 GHz

Start Freq 5.805000000 GHz

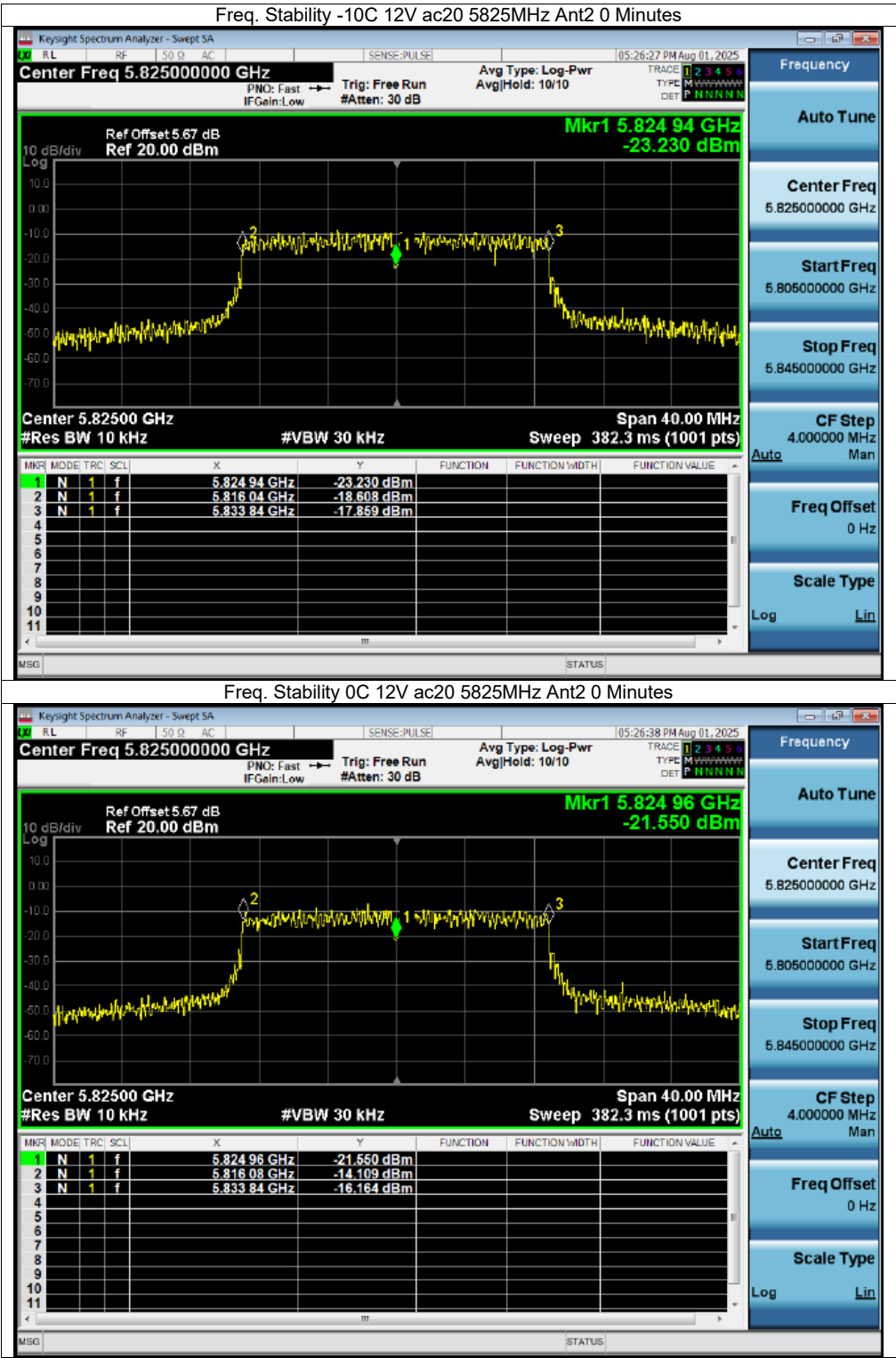
Stop Freq 5.845000000 GHz

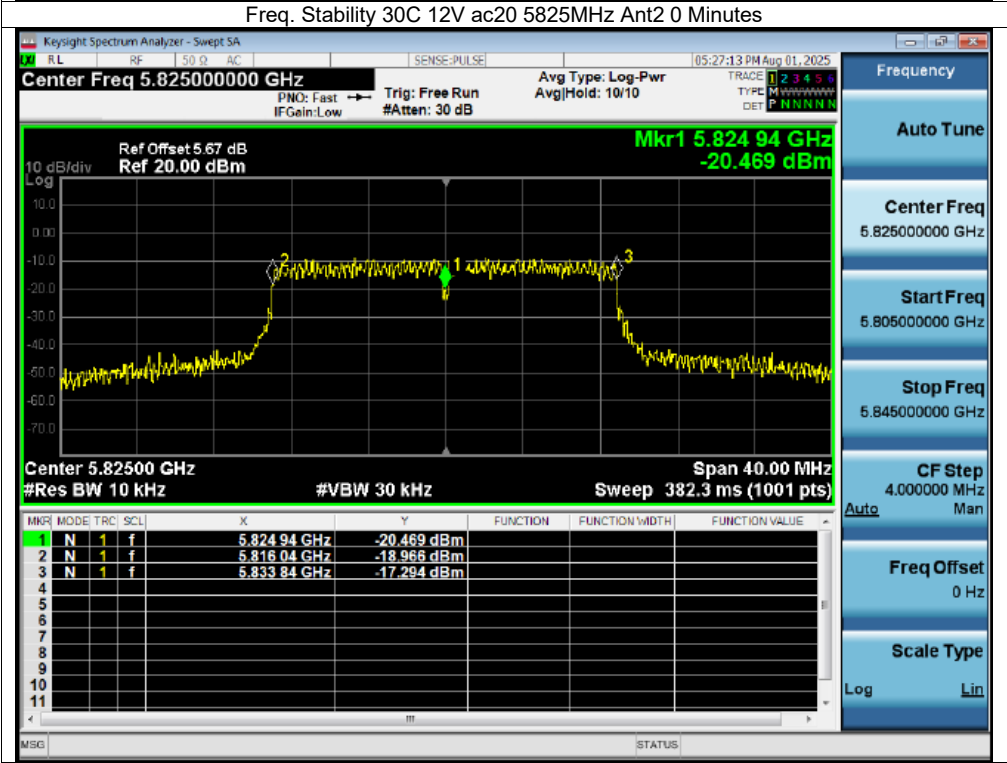
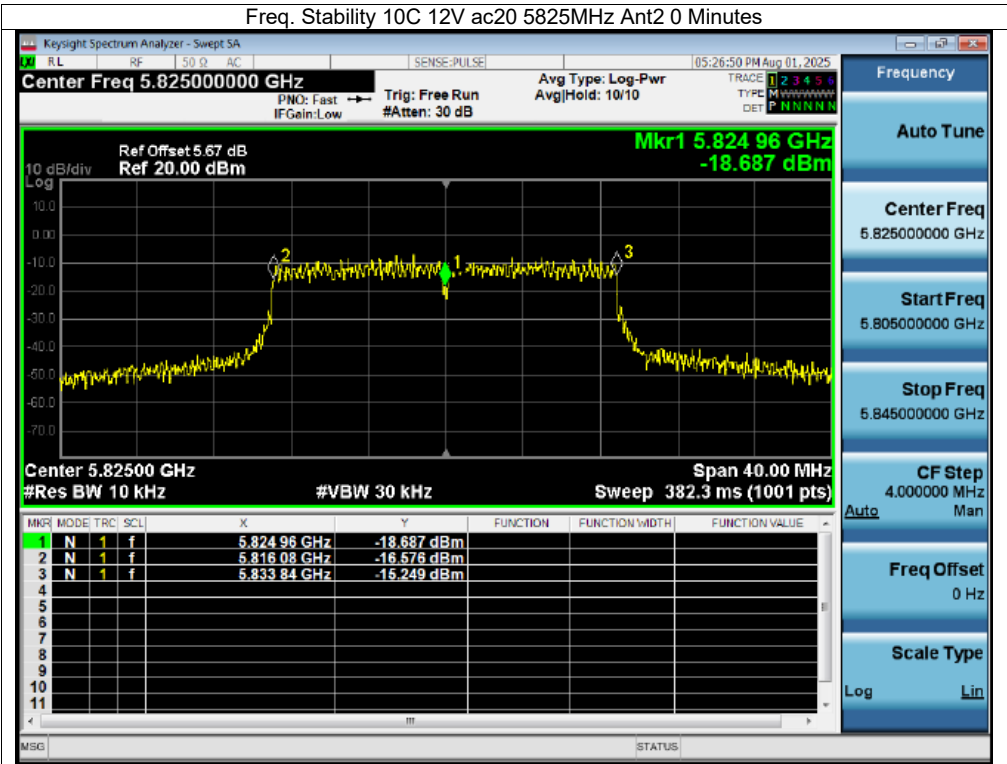
CF Step 4.000000 MHz

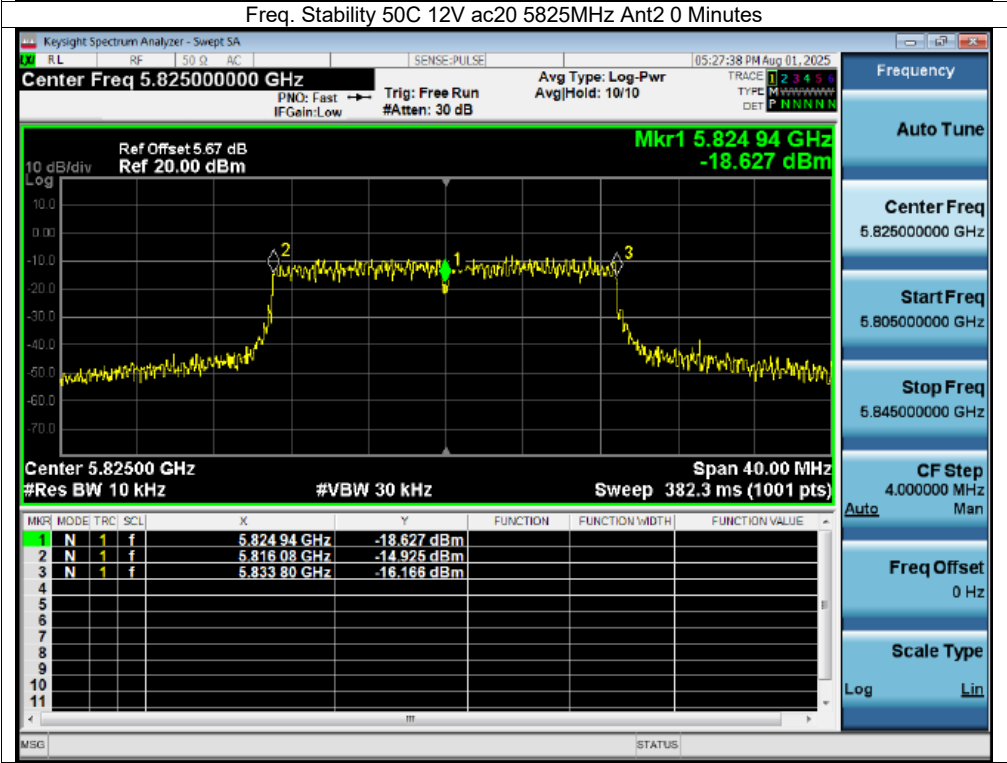
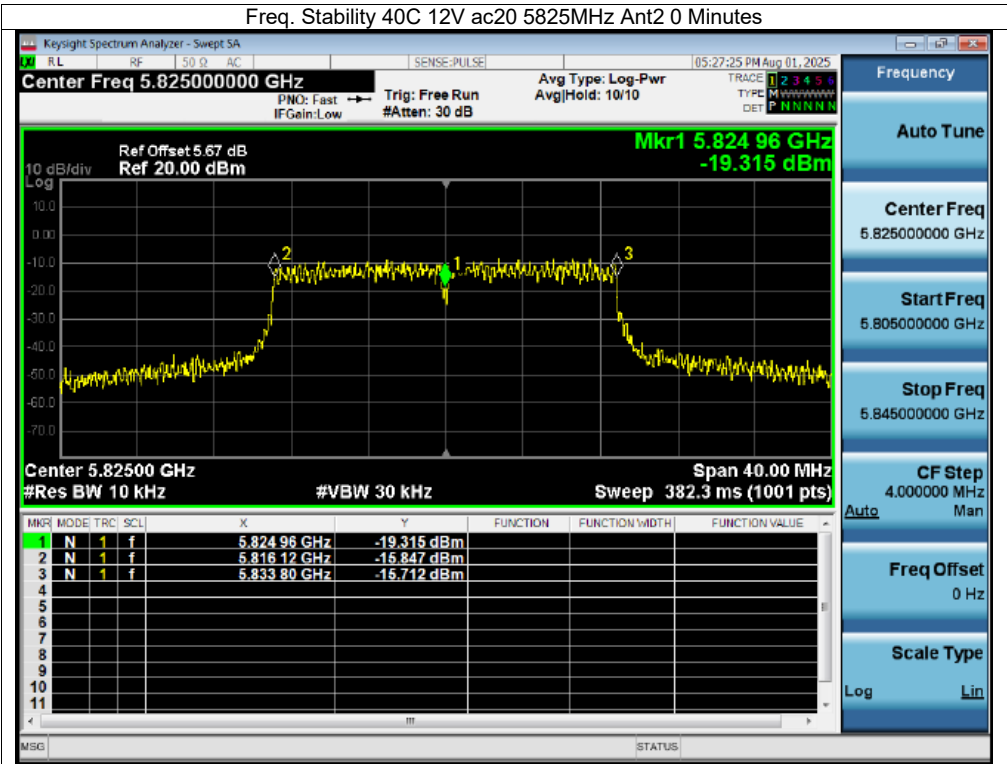
Auto Man

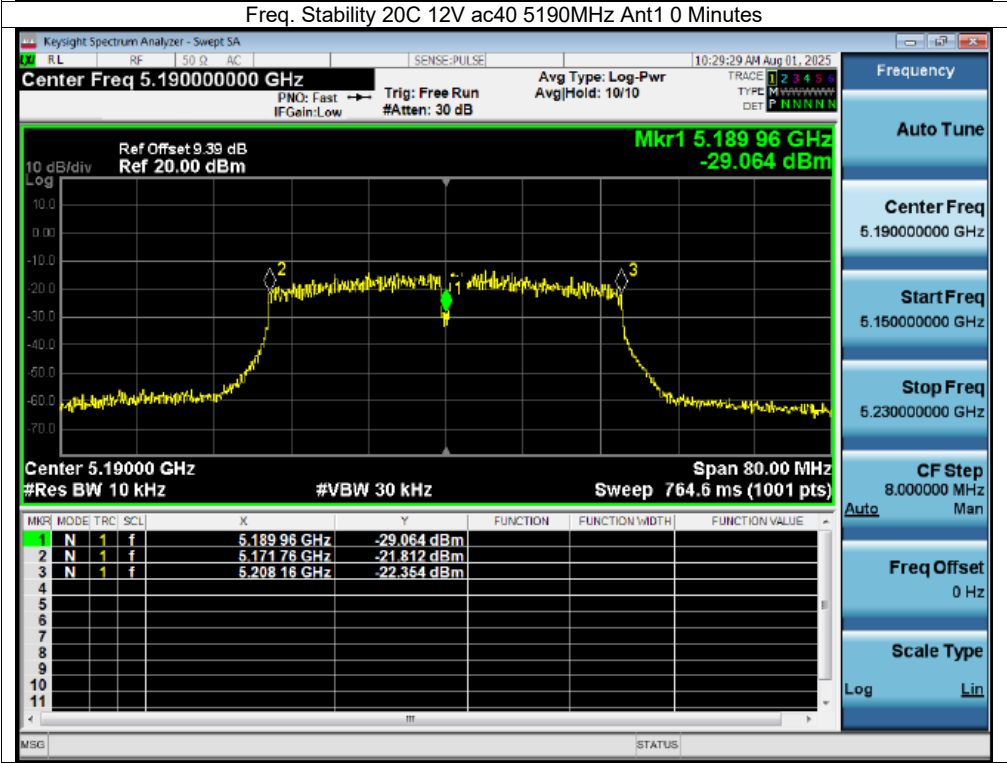
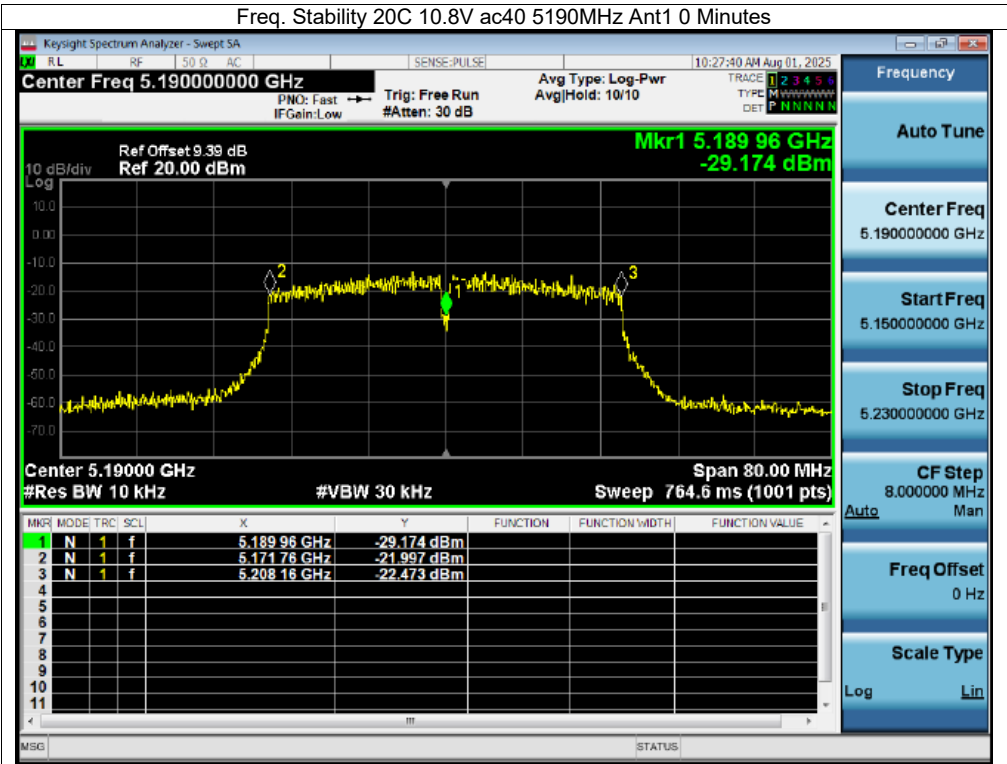
Freq Offset 0 Hz

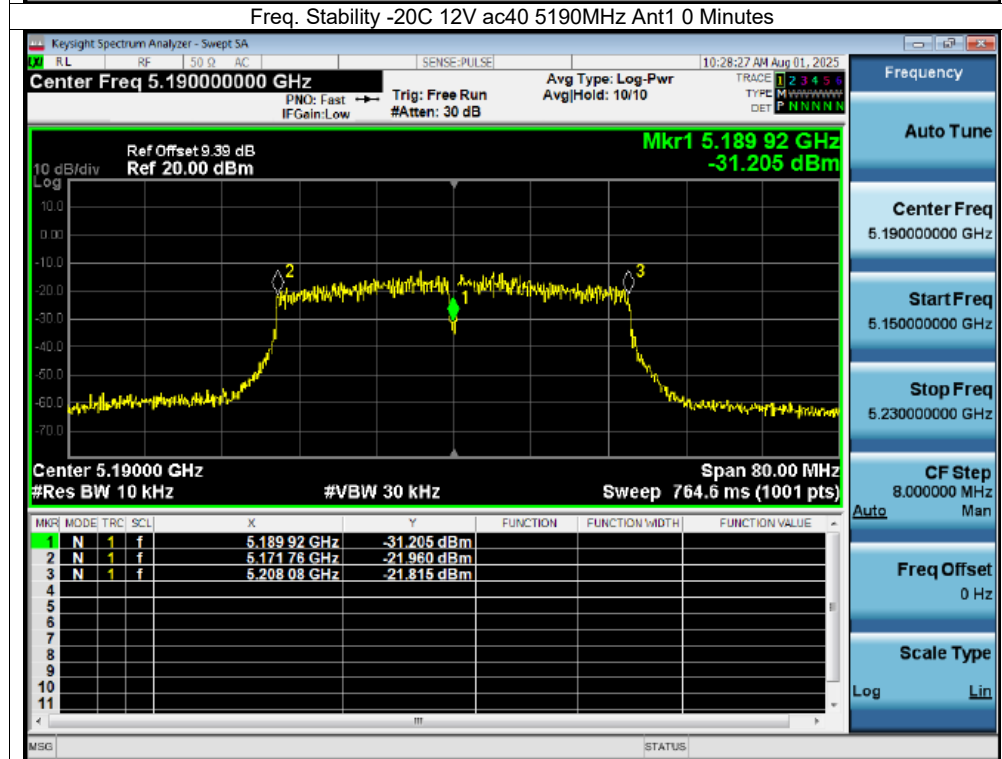
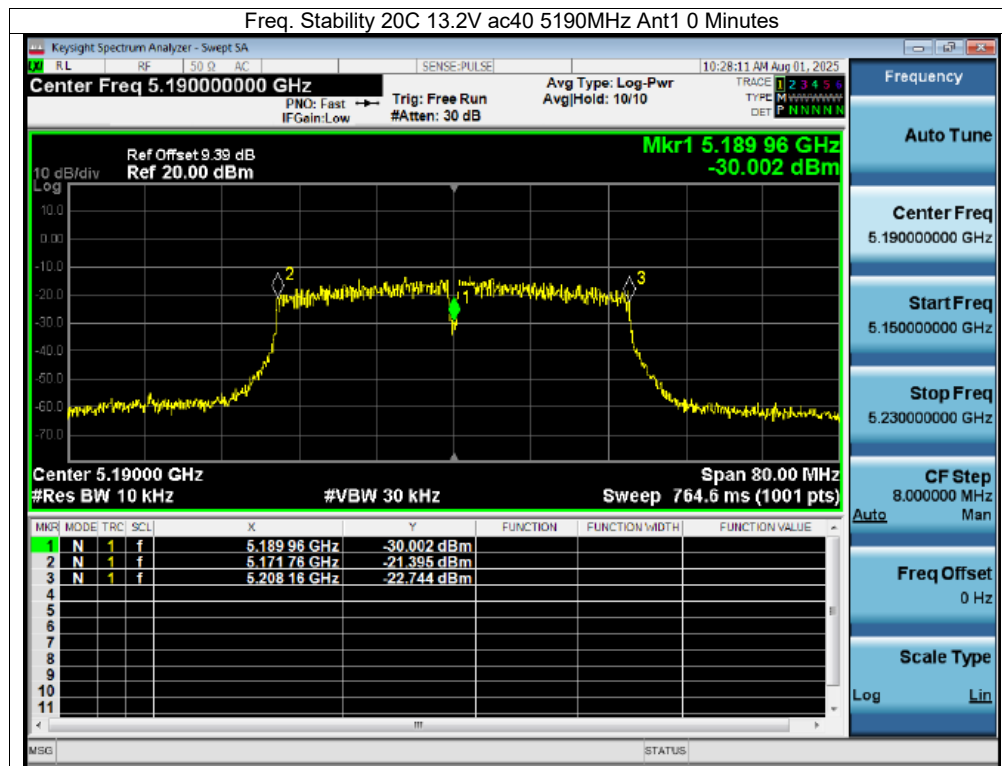
Scale Type Log Lin



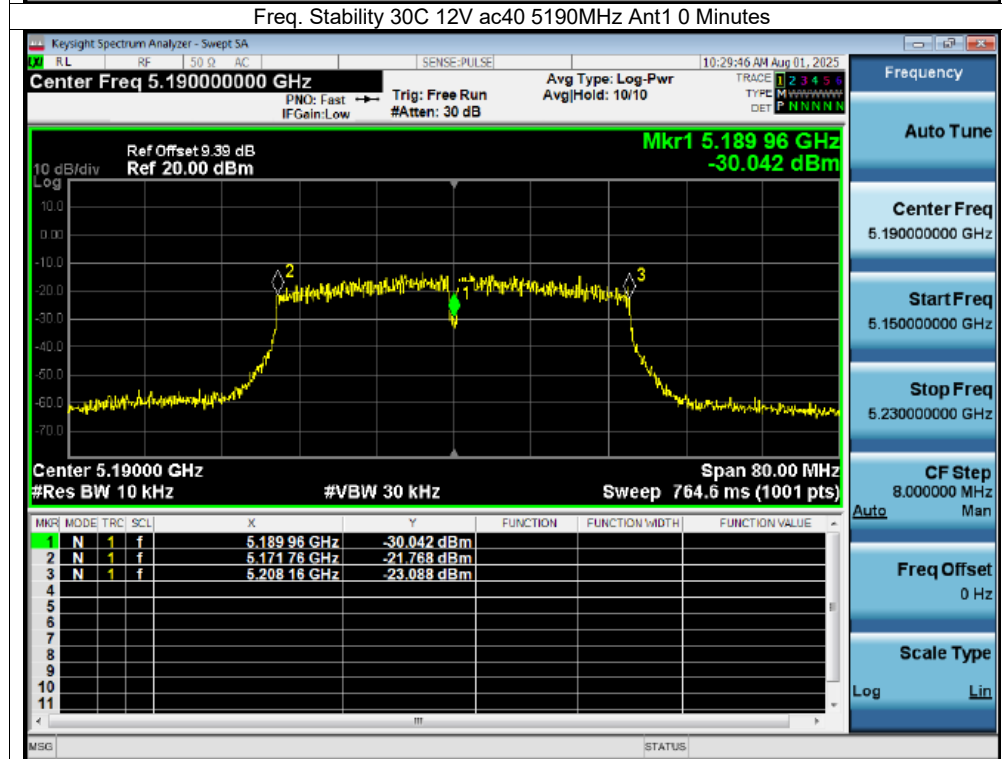
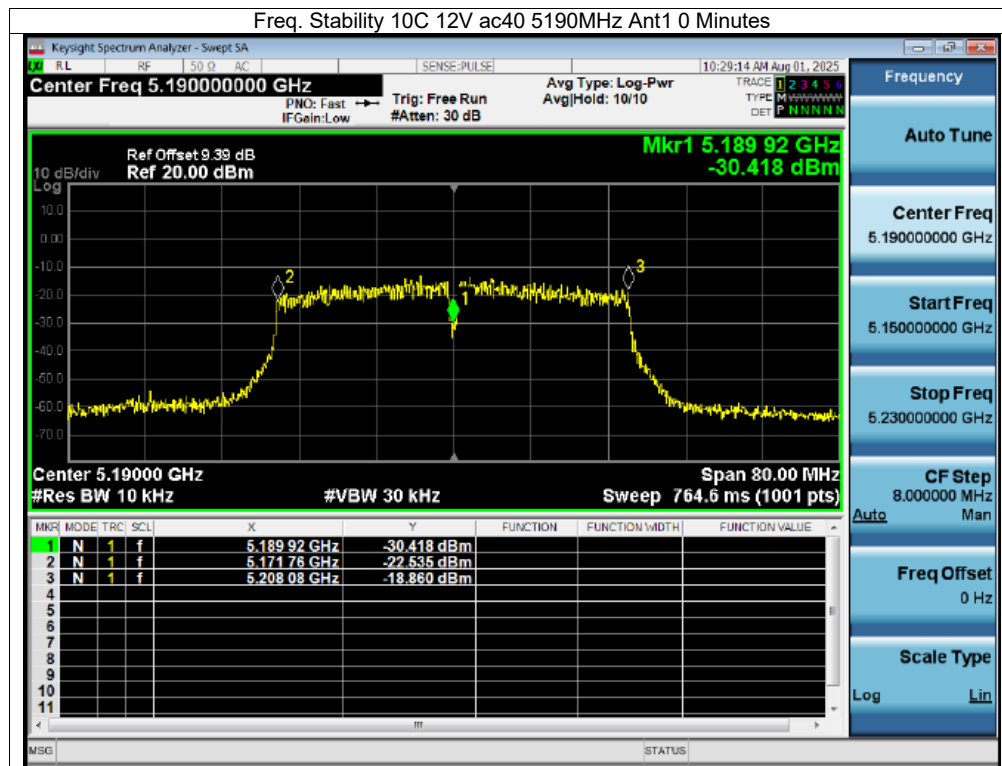


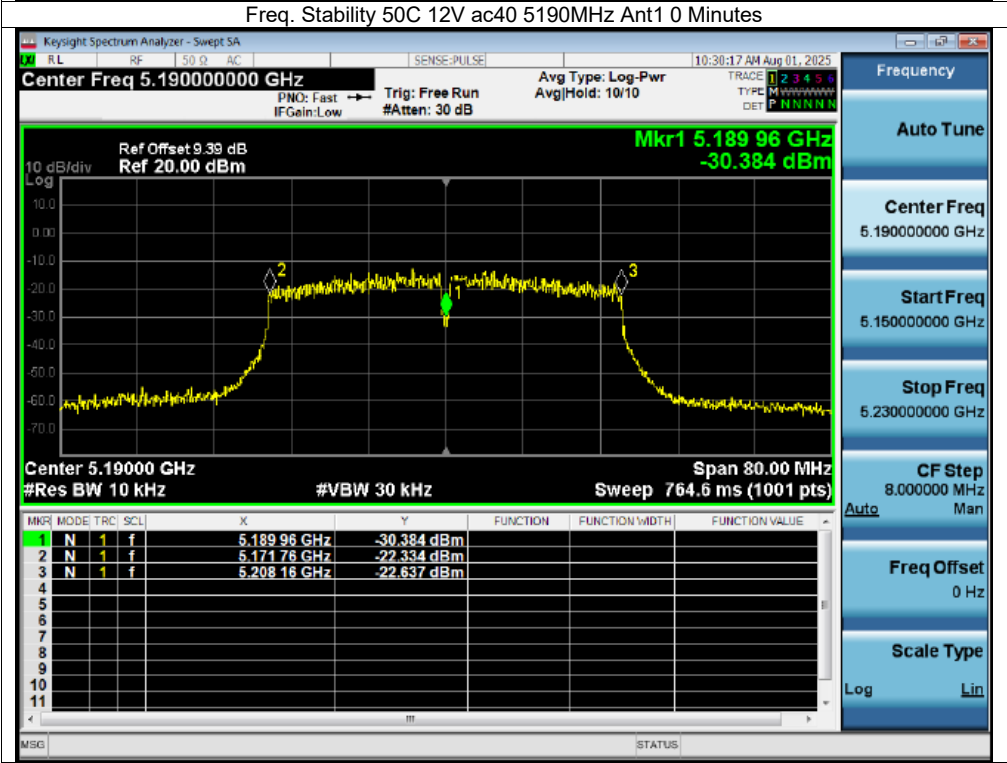
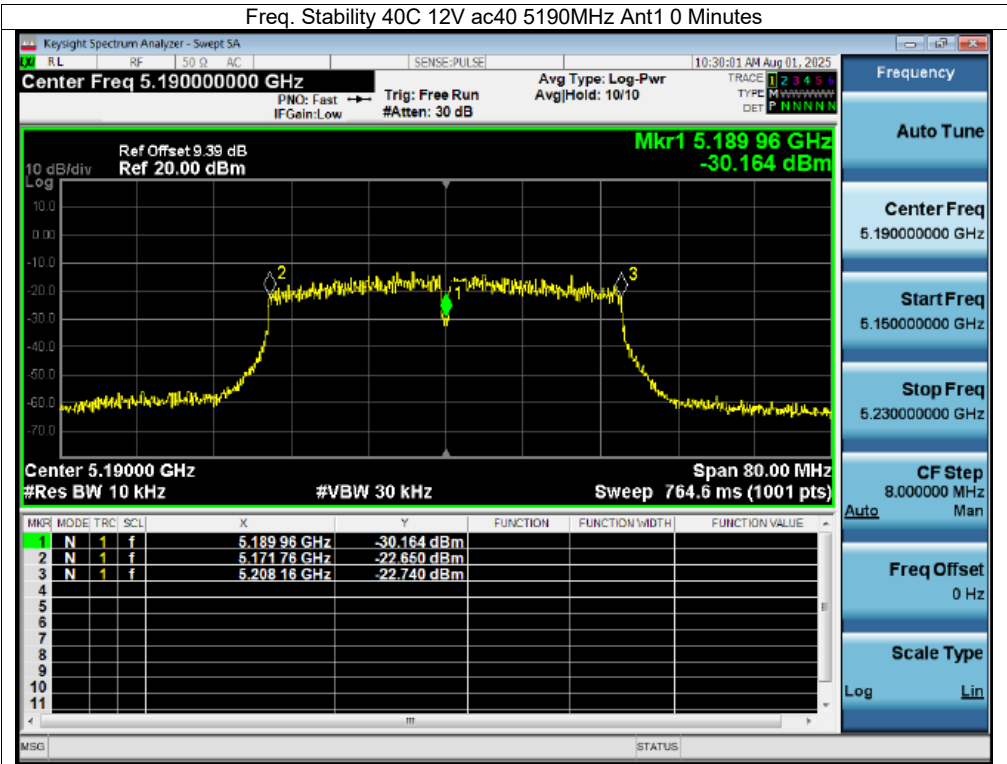


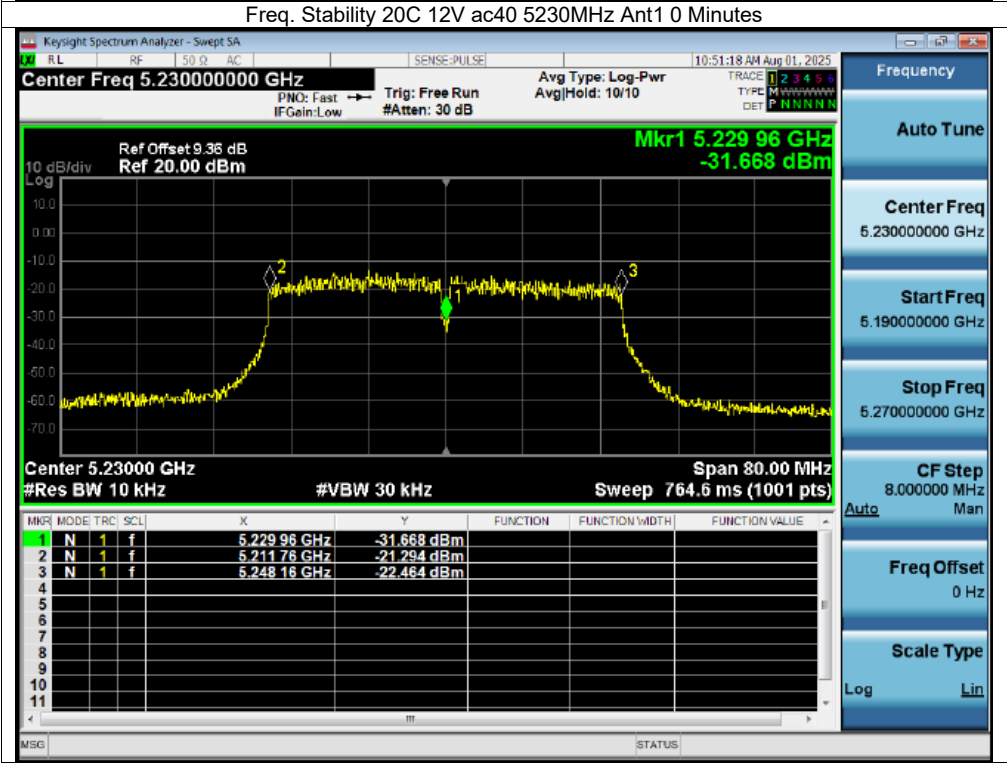
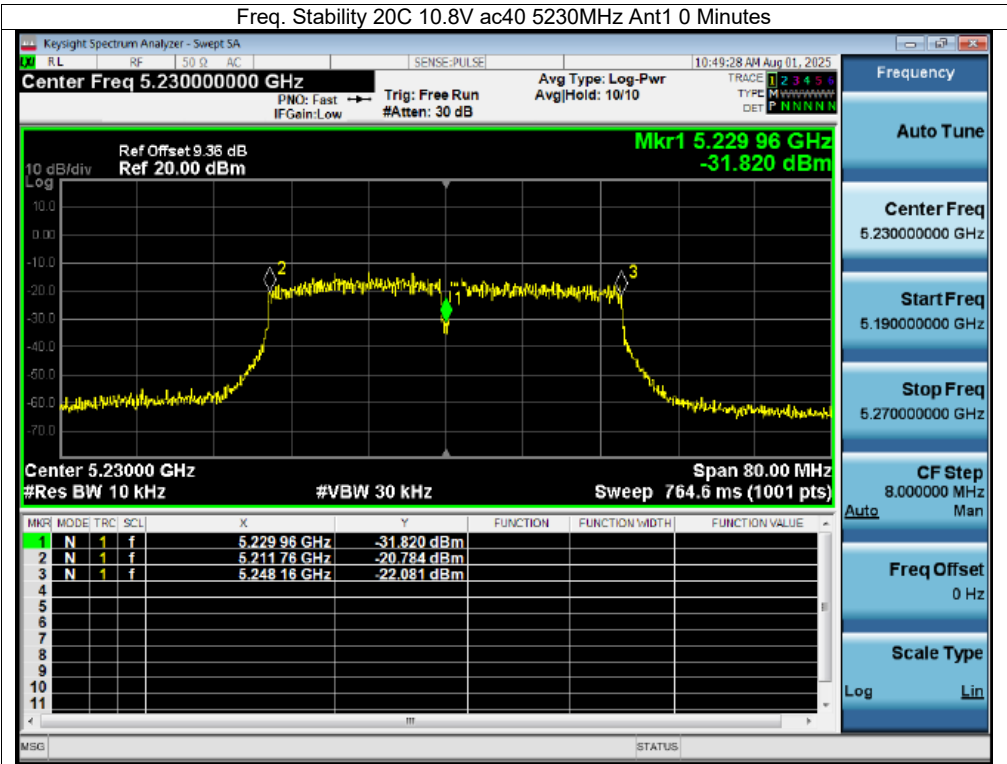


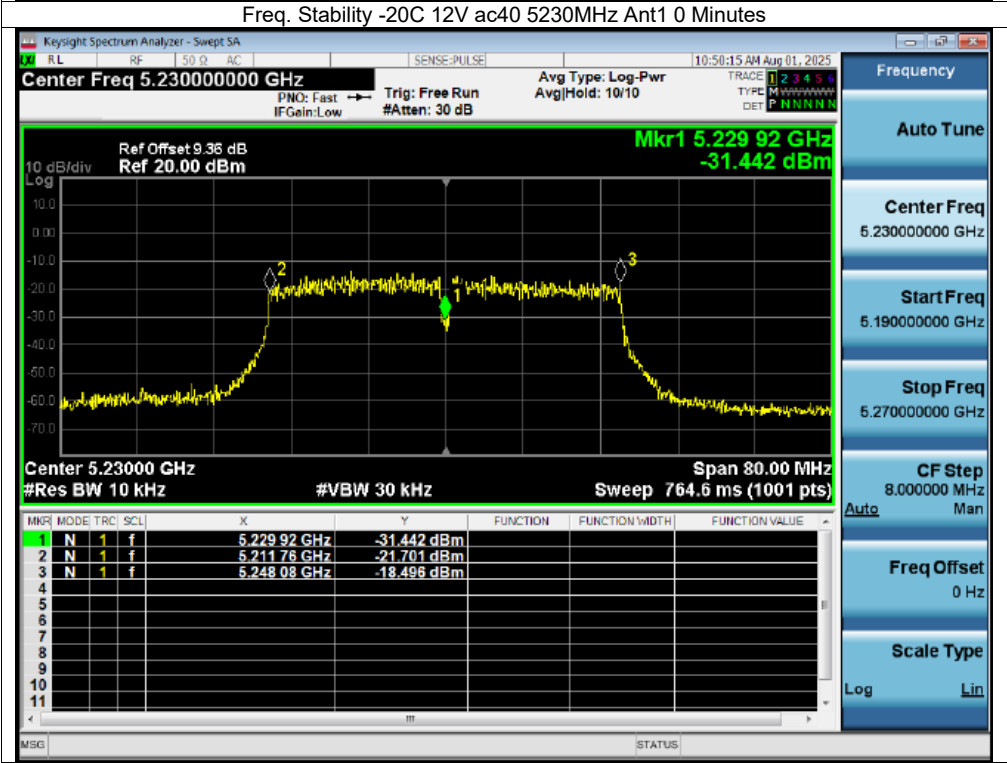
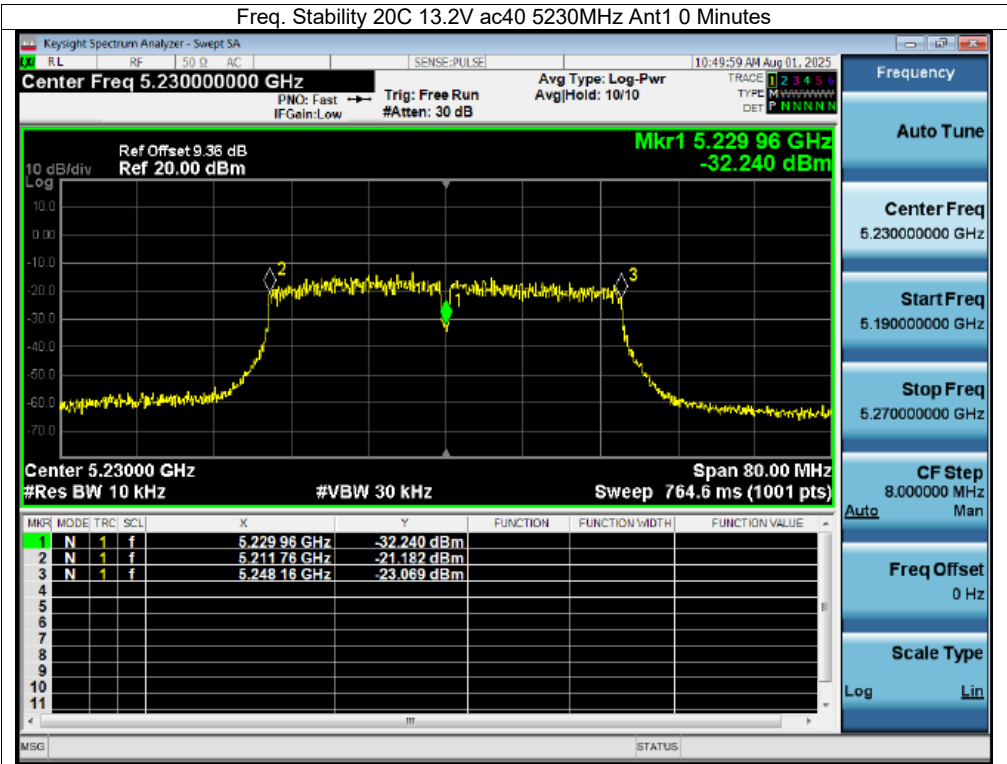


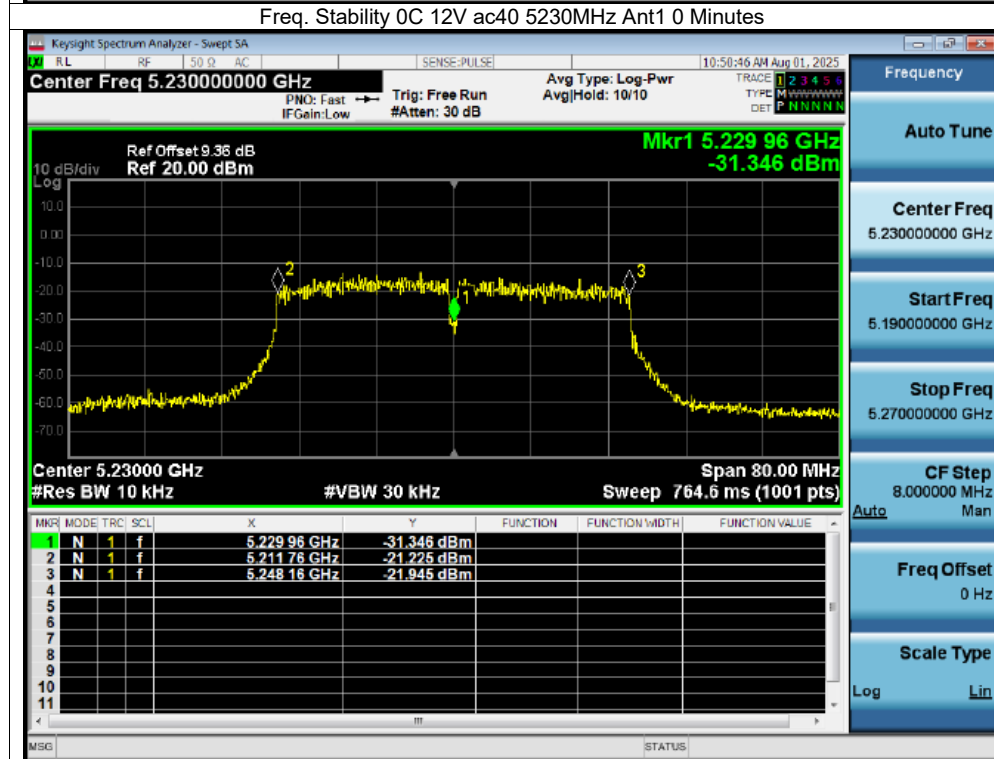
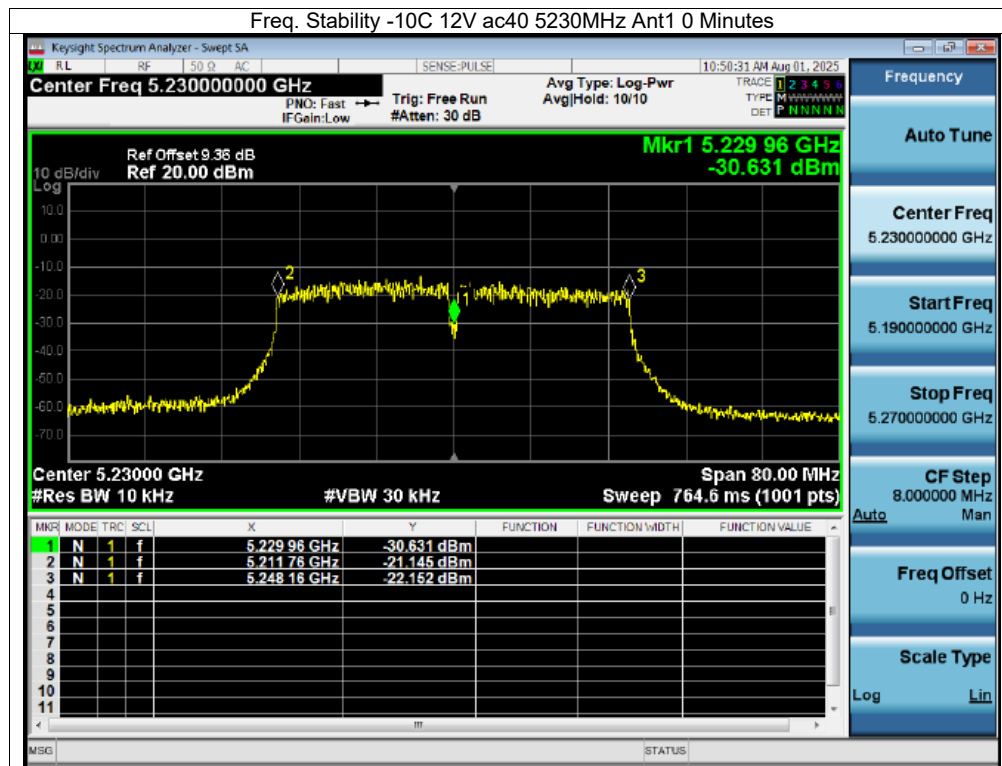


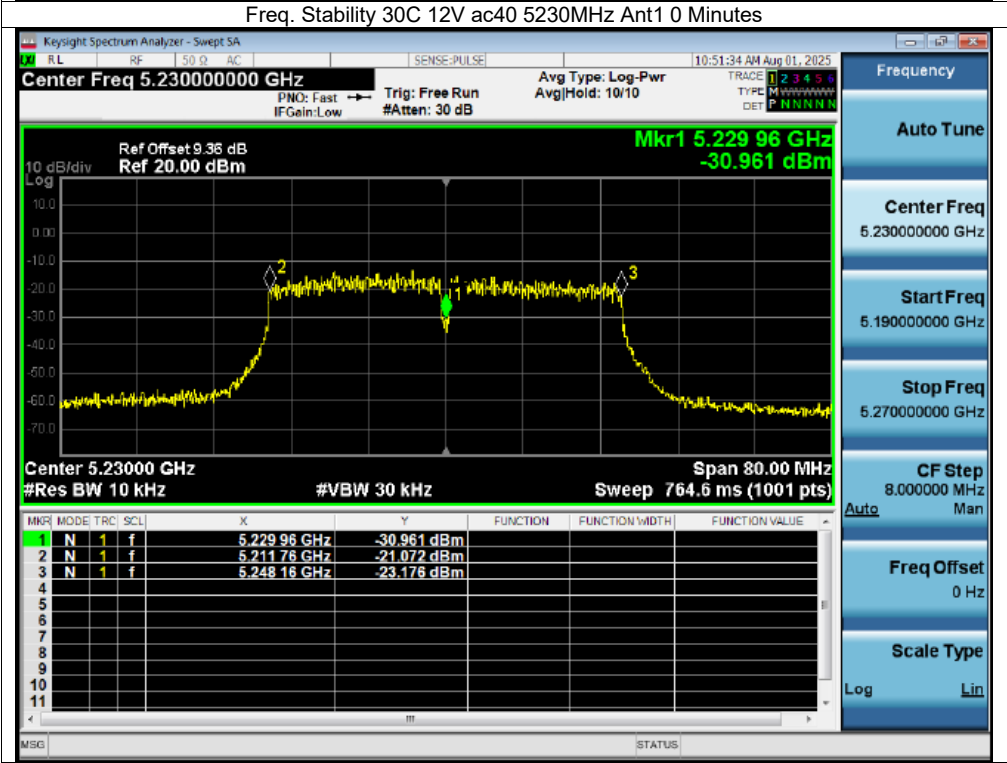
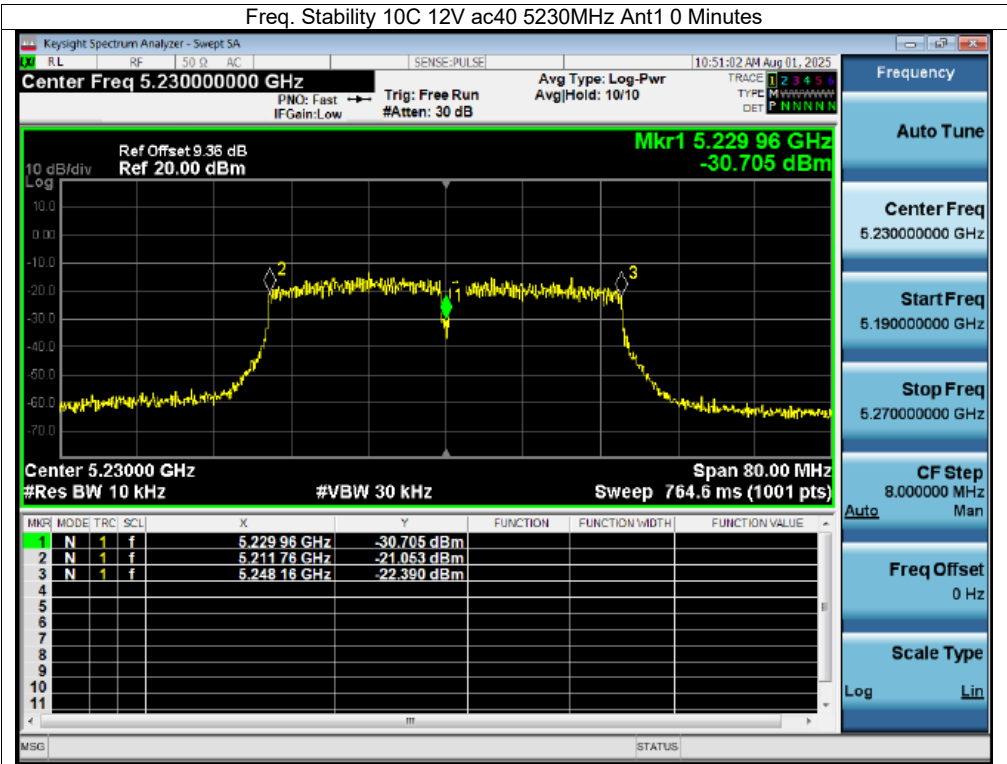


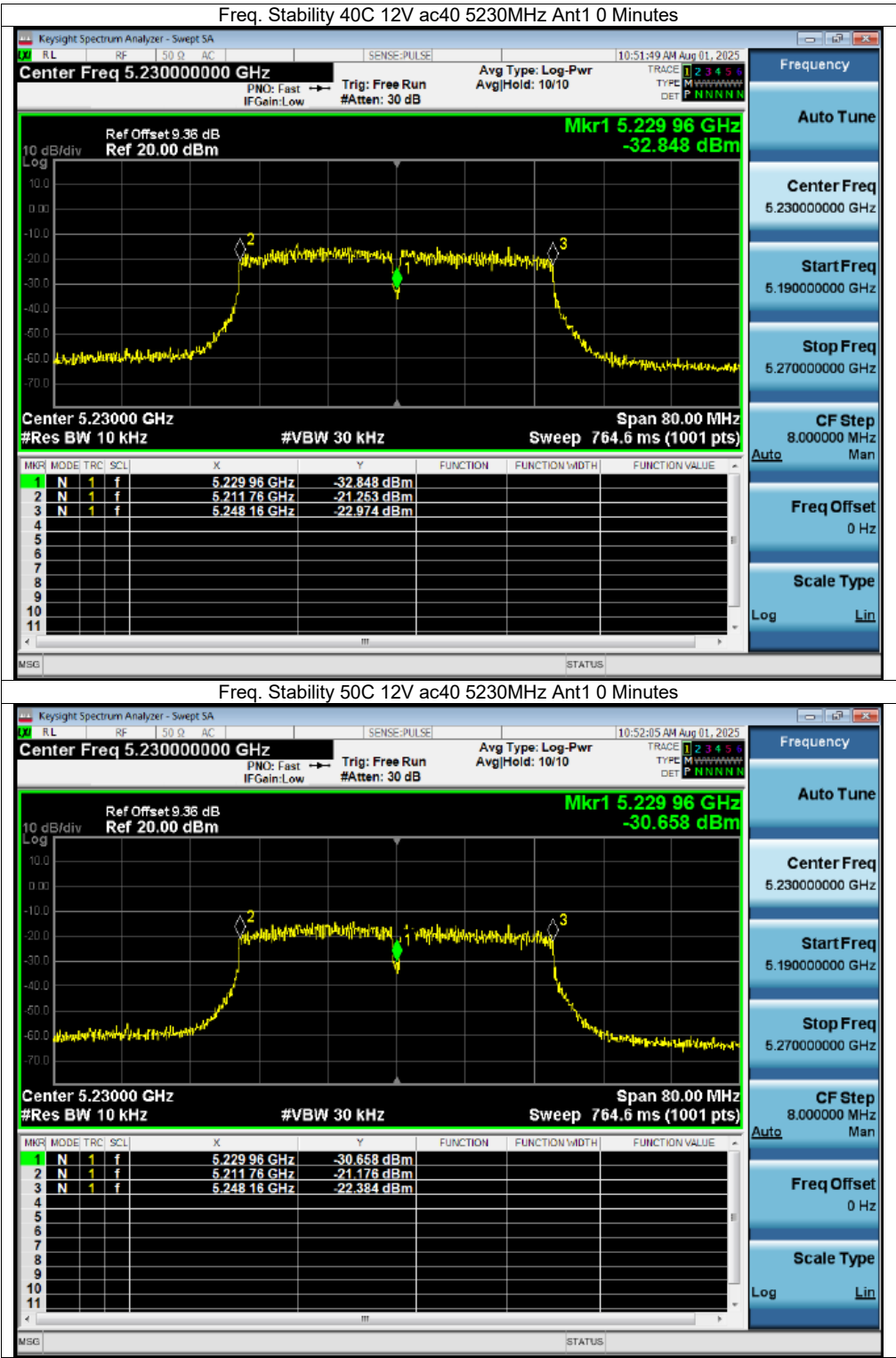












Freq. Stability 50C 12V ac40 5230MHz Ant1 0 Minutes

Keysight Spectrum Analyzer - Swept SA

RLRF500ACSENSE-PULSE

10:52:05 AM Aug 01, 2025

Center Freq 5.230000000 GHz

PNO: FastIF Gain: Low

Trig: Free Run# Atten: 30 dB

Avg Type: Log-PwrAvg/Hold: 10/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET P N N N N N N

Ref Offset 9.36 dB

Ref 20.00 dBm

Mkr1 5.229 96 GHz

-30.658 dBm

Center 5.23000 GHz

#Res BW 10 kHz

#VBW 30 kHz

Sweep 764.6 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.229 96 GHz	-30.658 dBm			
2	N	1	f	5.211 76 GHz	-21.176 dBm			
3	N	1	f	5.248 16 GHz	-22.384 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq5.230000000 GHz

Start Freq5.190000000 GHz

Stop Freq5.270000000 GHz

CF Step8.000000 MHz

AutoMan

Freq Offset0 Hz

Scale TypeLogLin

