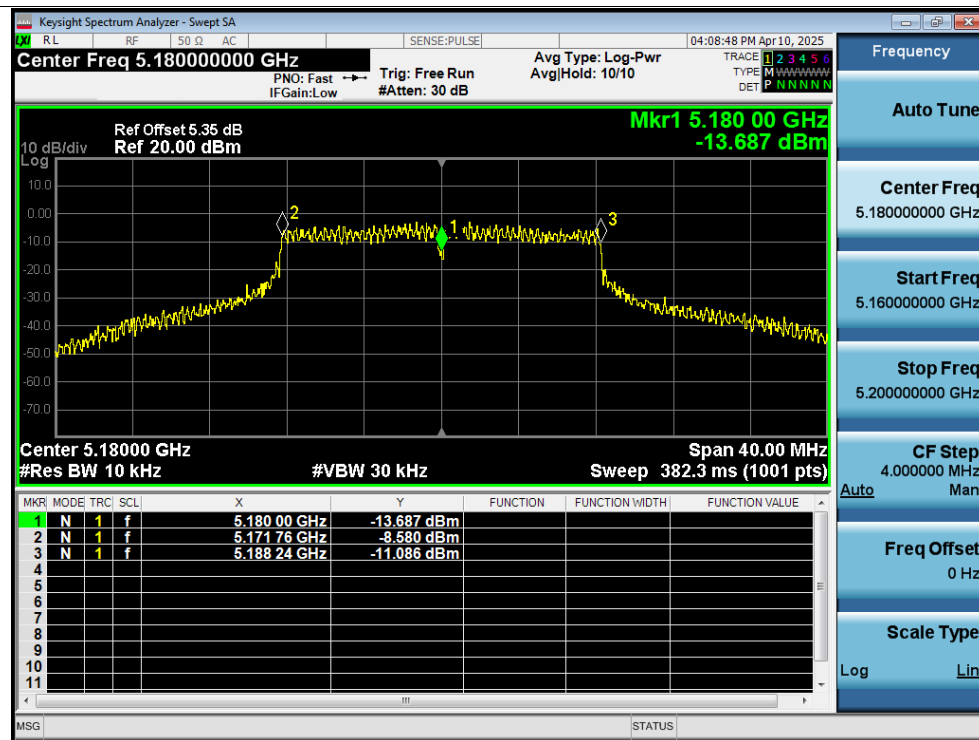
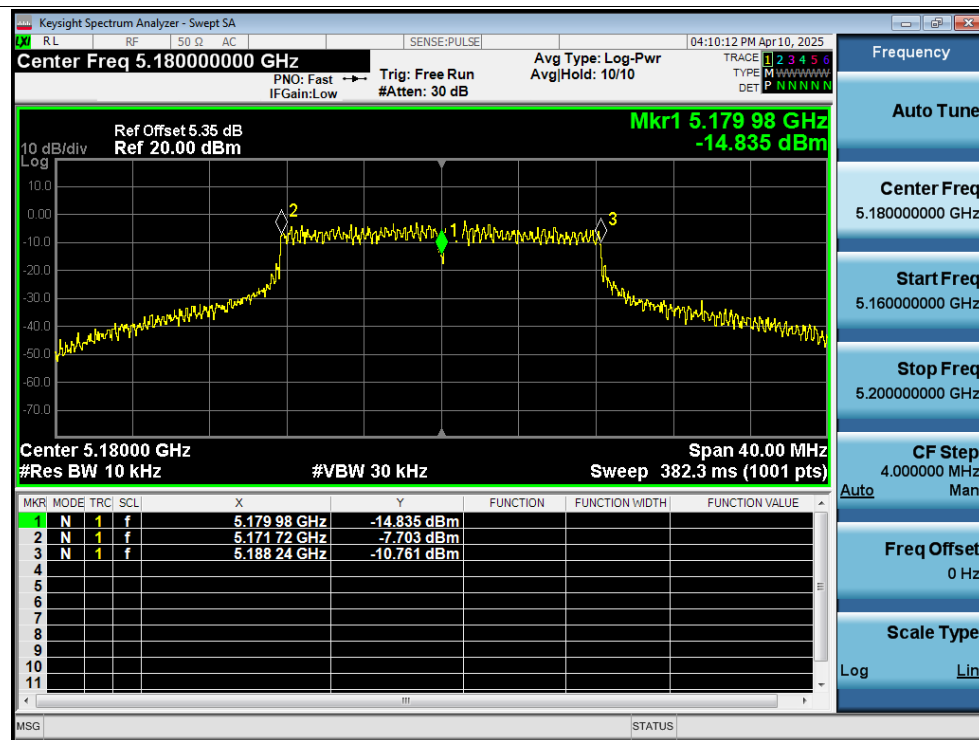


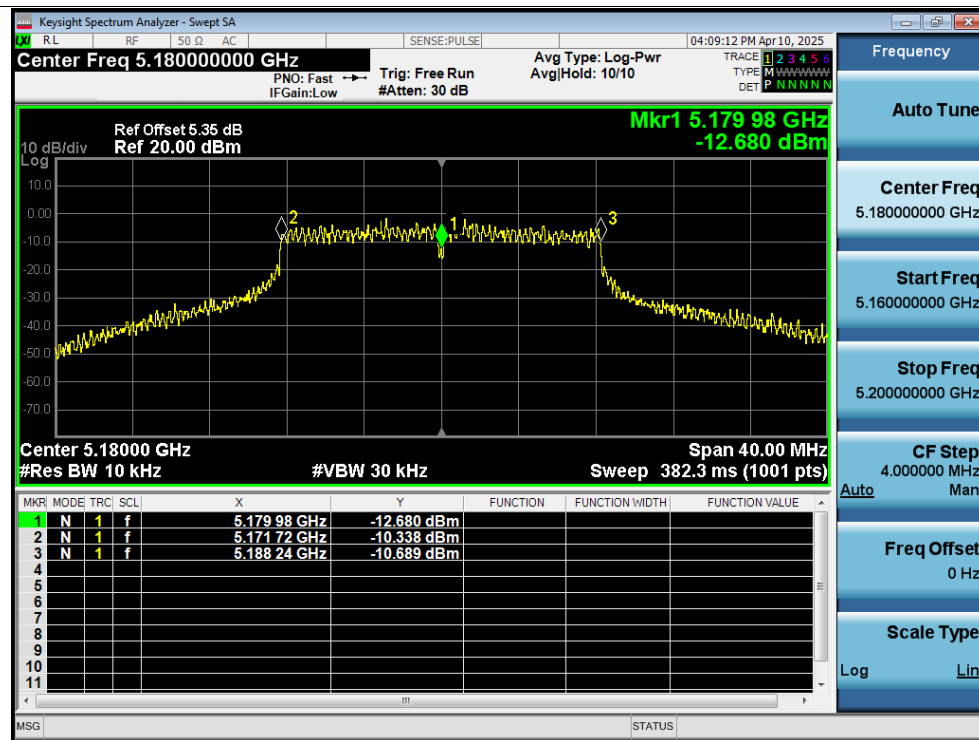
Freq. Stability 20C 10.2V a 5180MHz Ant3 0 Minutes



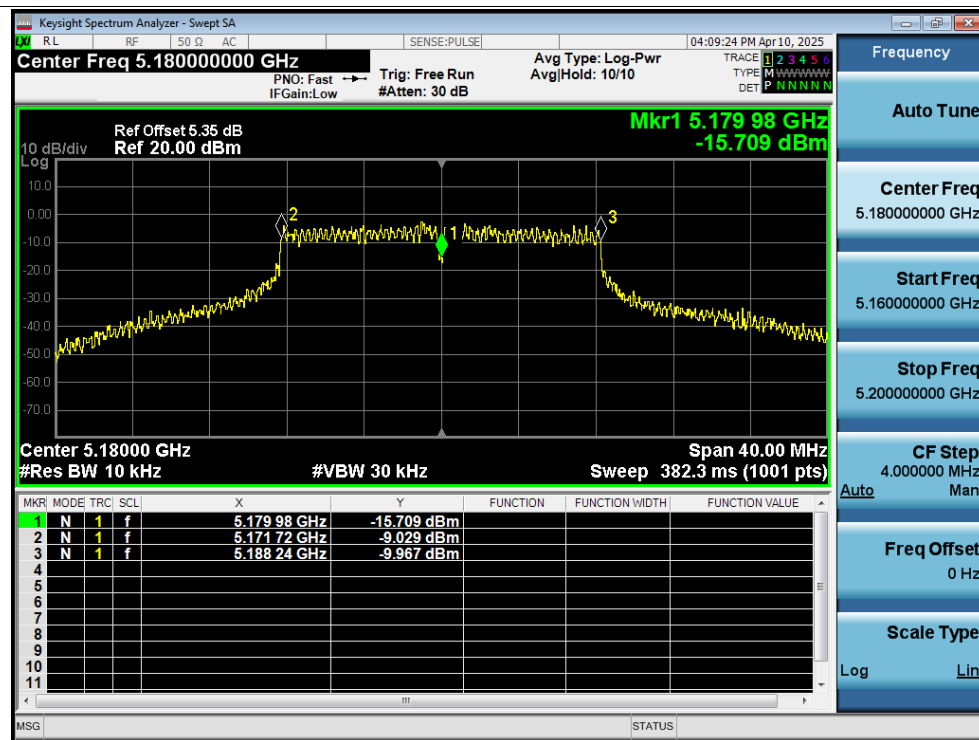
Freq. Stability 20C 12V a 5180MHz Ant3 0 Minutes



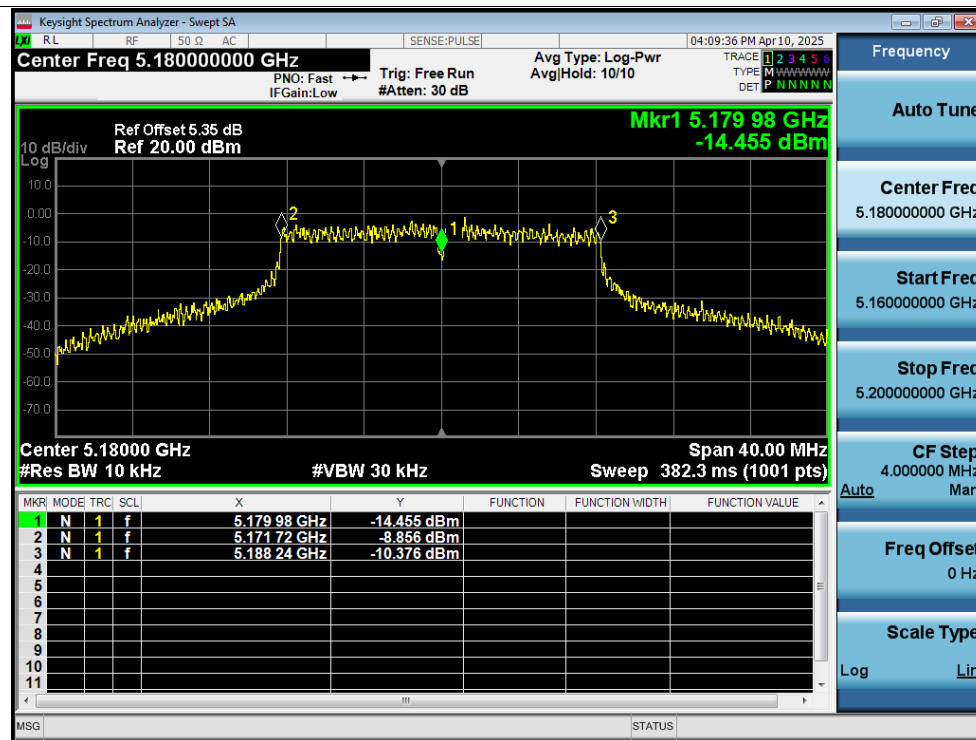
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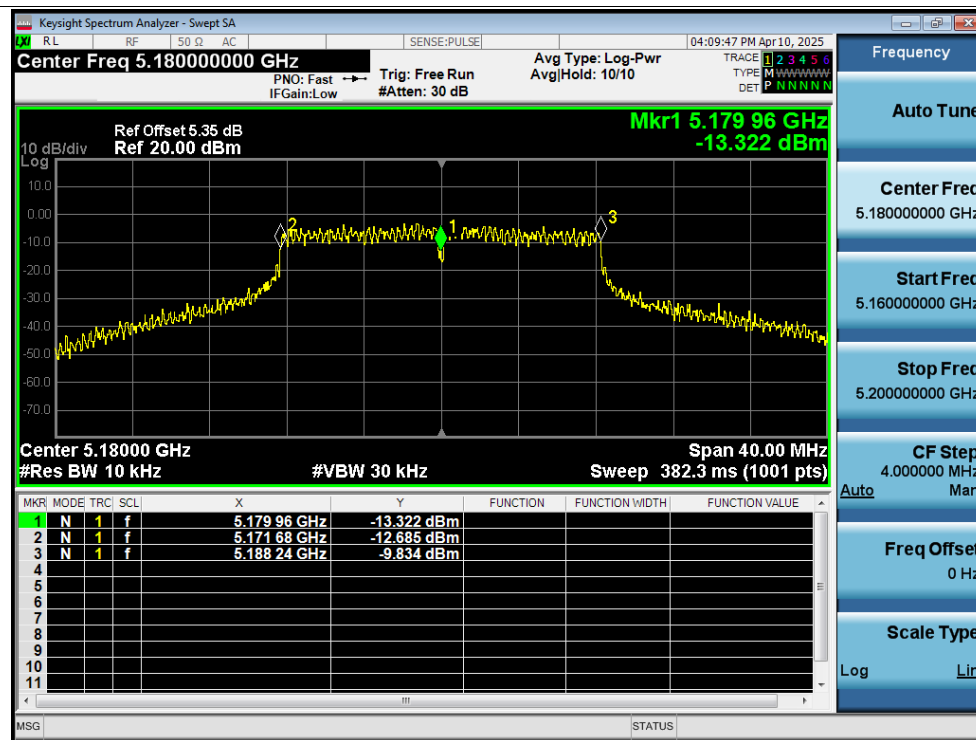
Freq. Stability -20C 12V a 5180MHz Ant3 0 Minutes



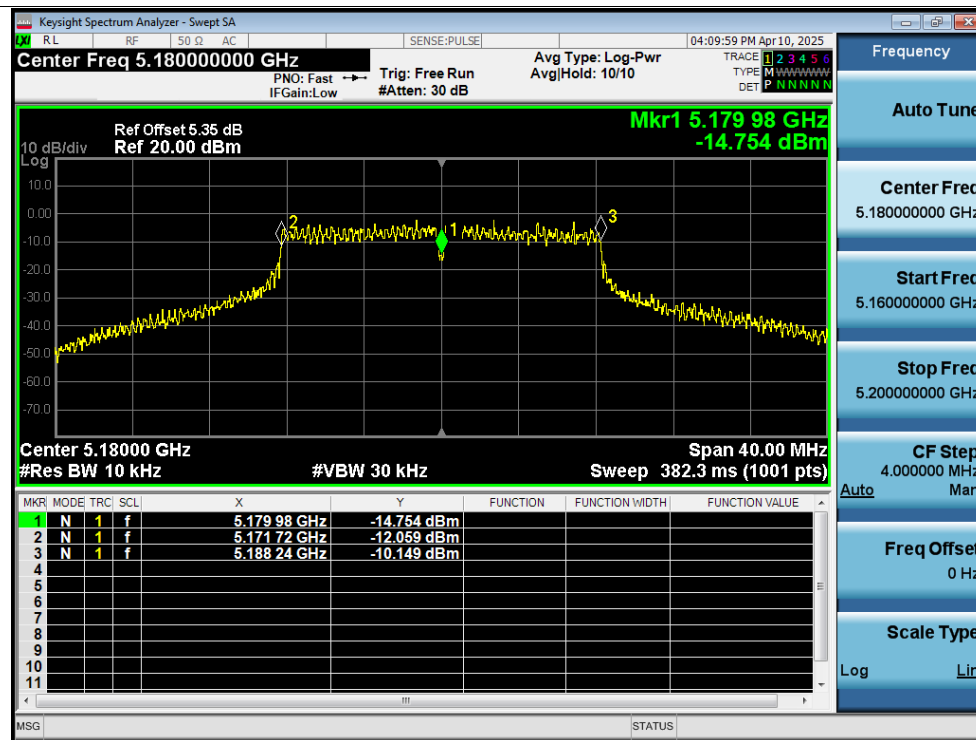
Freq. Stability -10C 12V a 5180MHz Ant3 0 Minutes



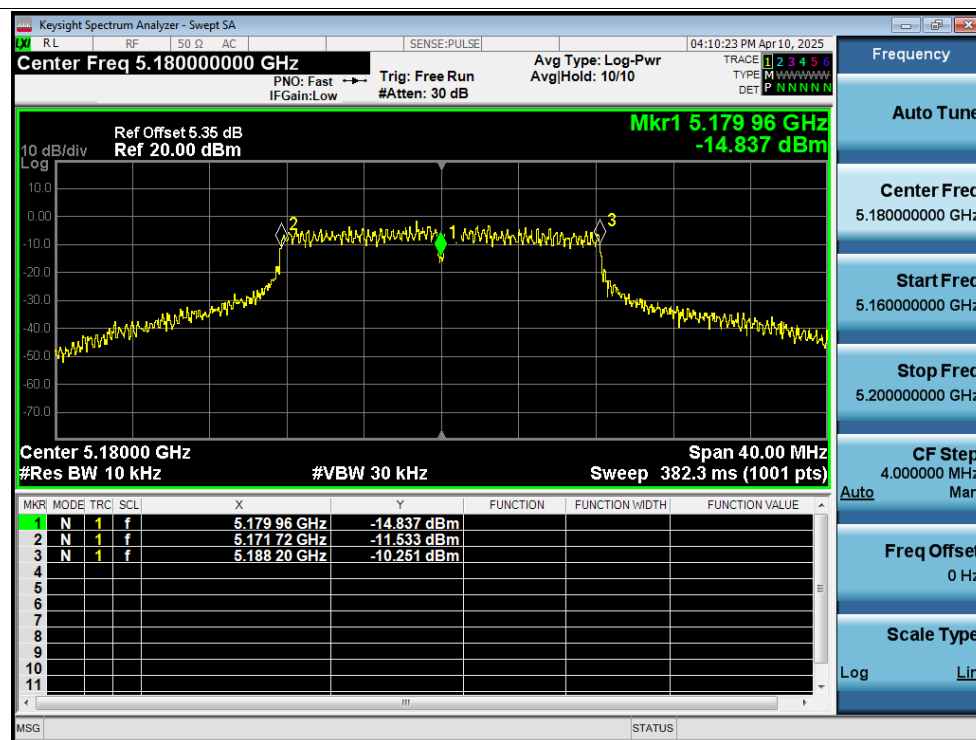
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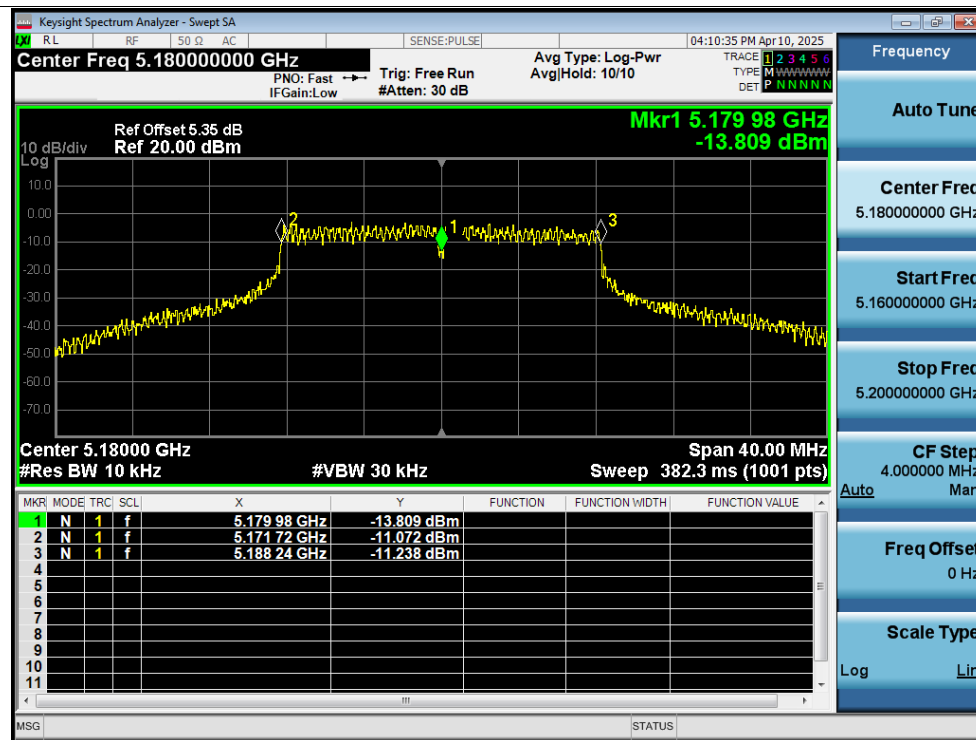
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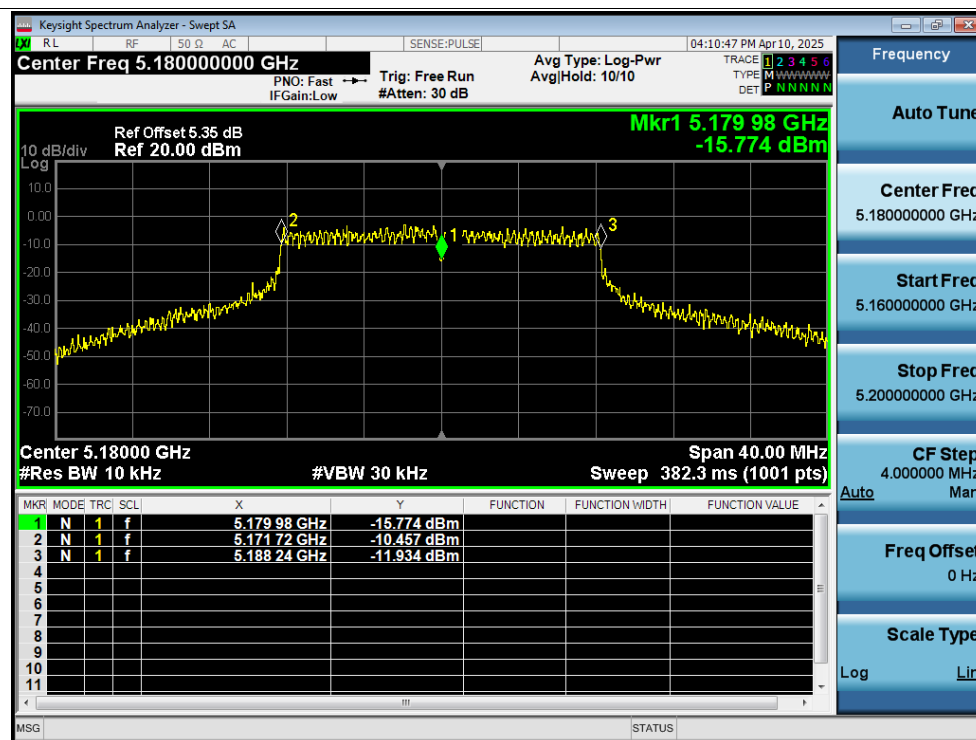
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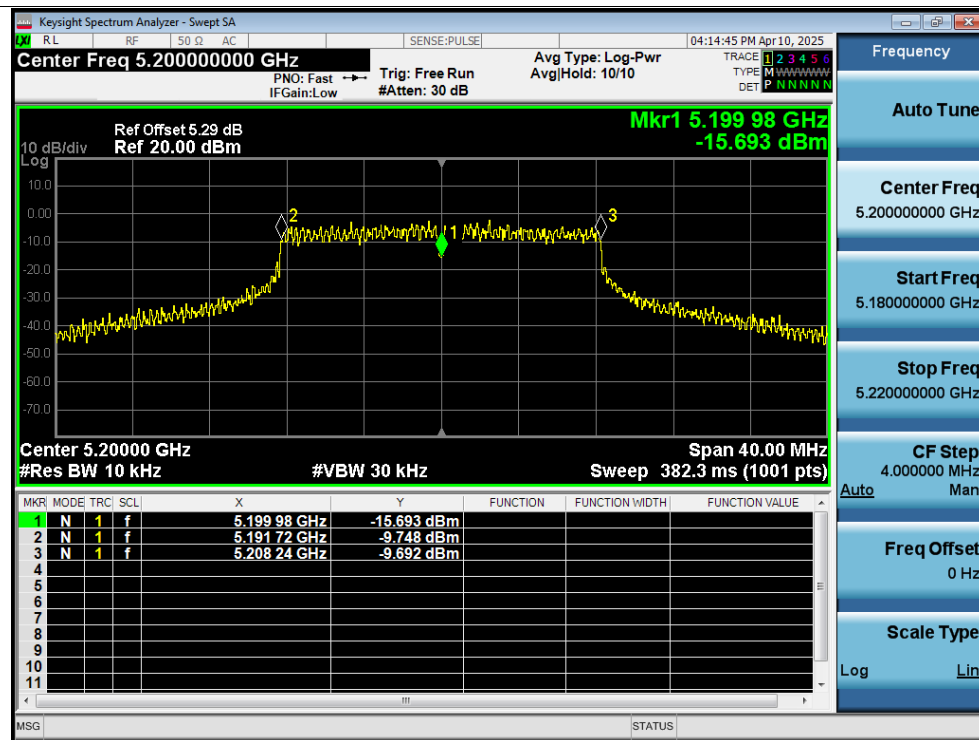
Freq. Stability 40C 12V a 5180MHz Ant3 0 Minutes



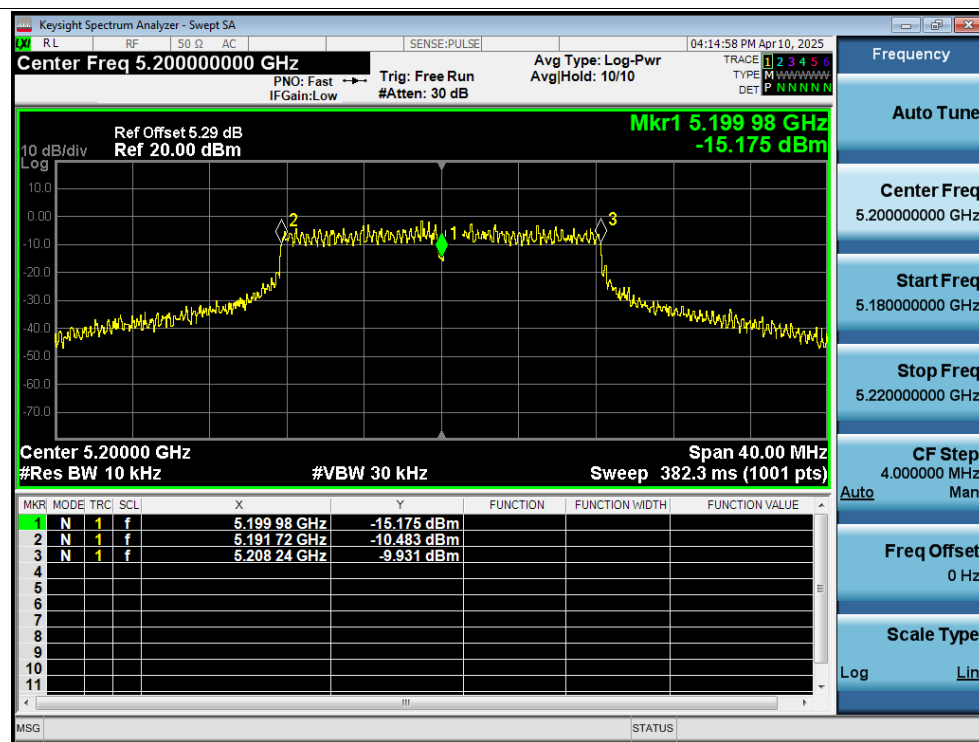
Freq. Stability 50C 12V a 5180MHz Ant3 0 Minutes



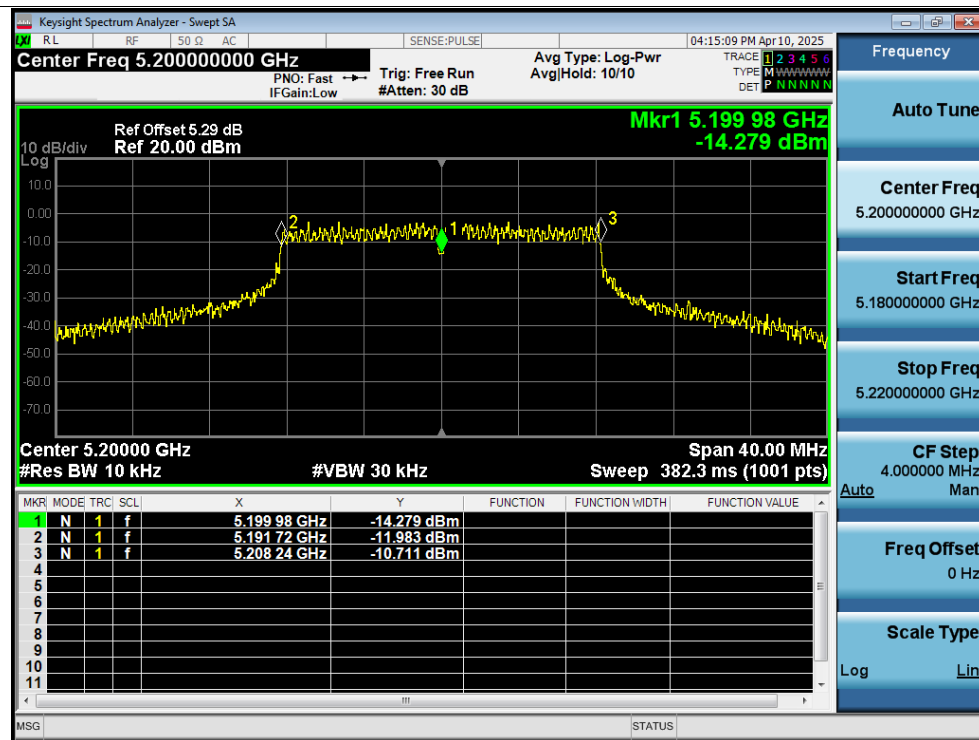
Freq. Stability 20C 10.2V a 5200MHz Ant3 0 Minutes



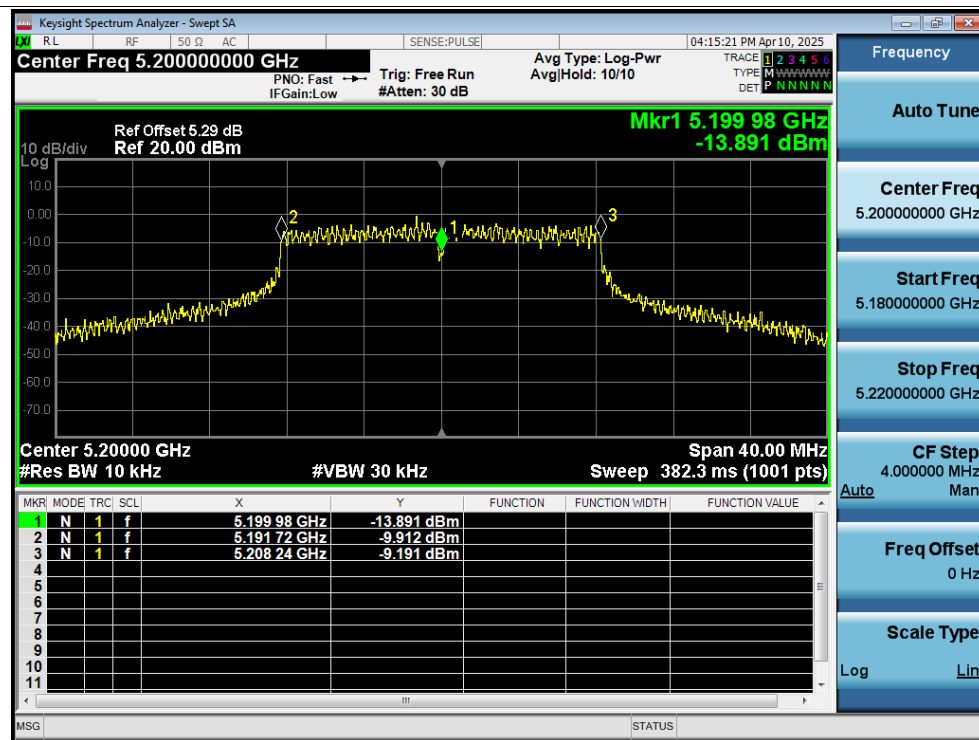
Freq. Stability 20C 12V a 5200MHz Ant3 0 Minutes



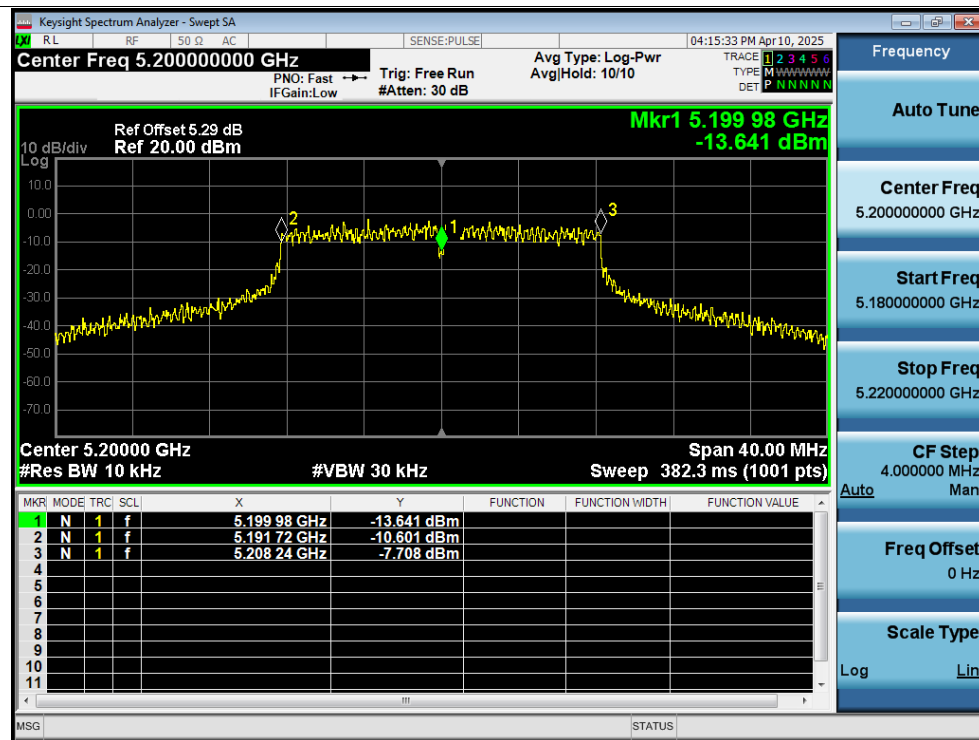
Freq. Stability 20C 13.8V a 5200MHz Ant3 0 Minutes



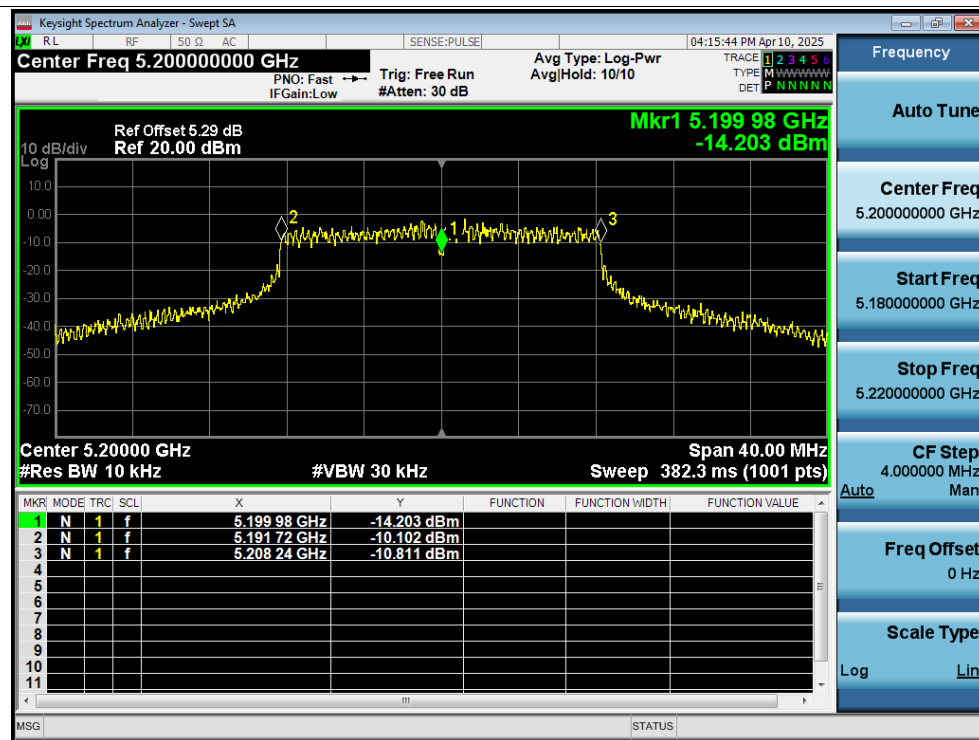
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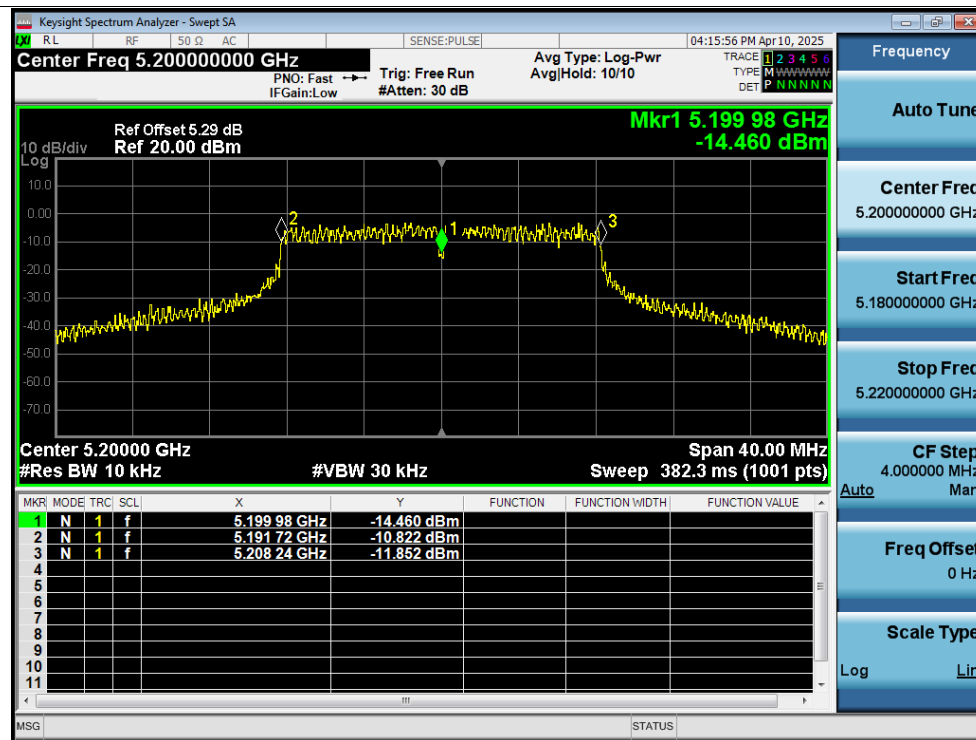
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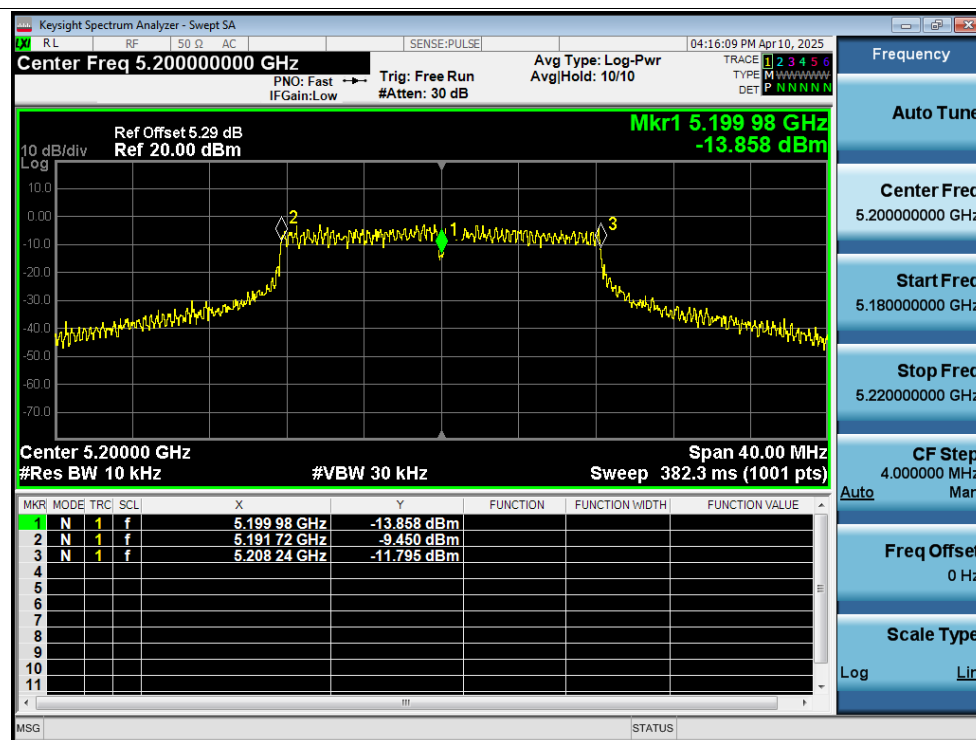
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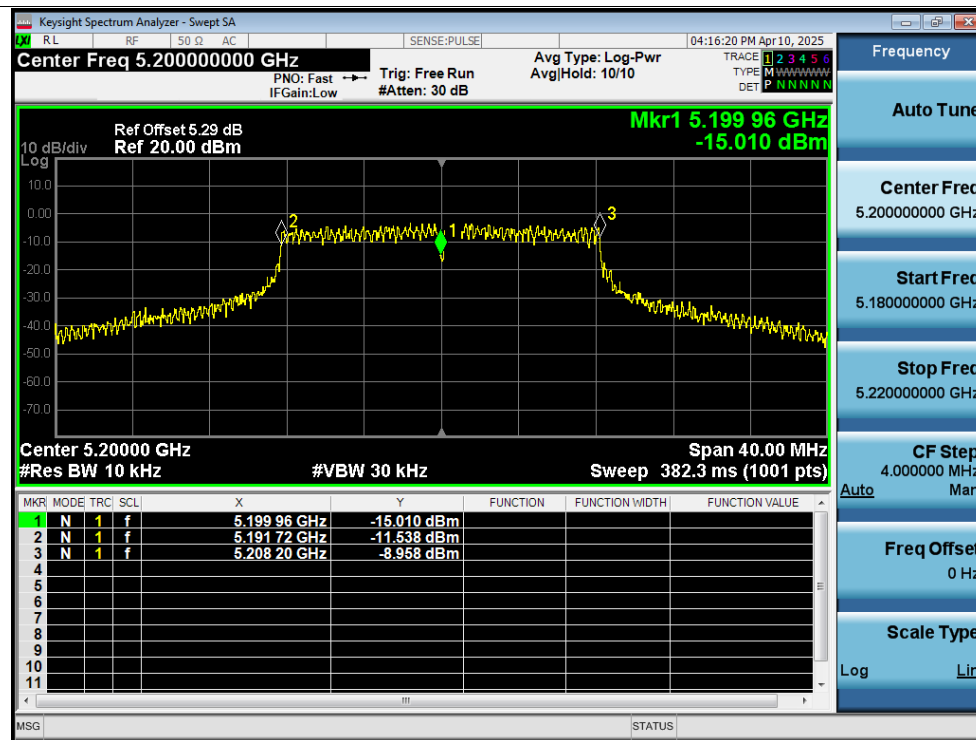
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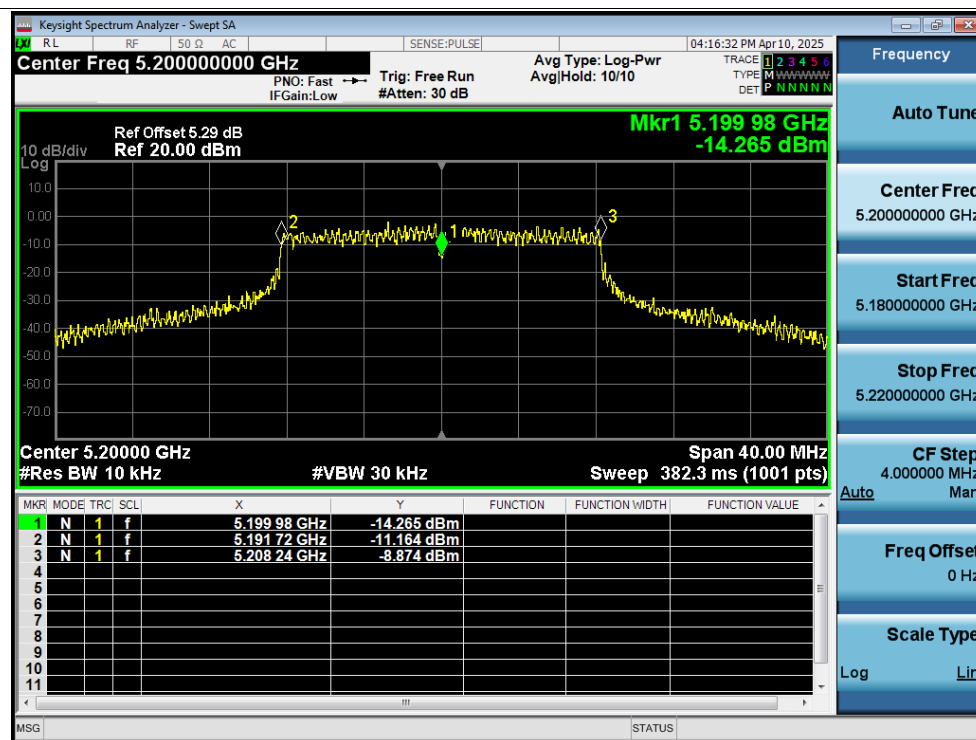
Freq. Stability 20C 12V a 5200MHz Ant3 0 Minutes



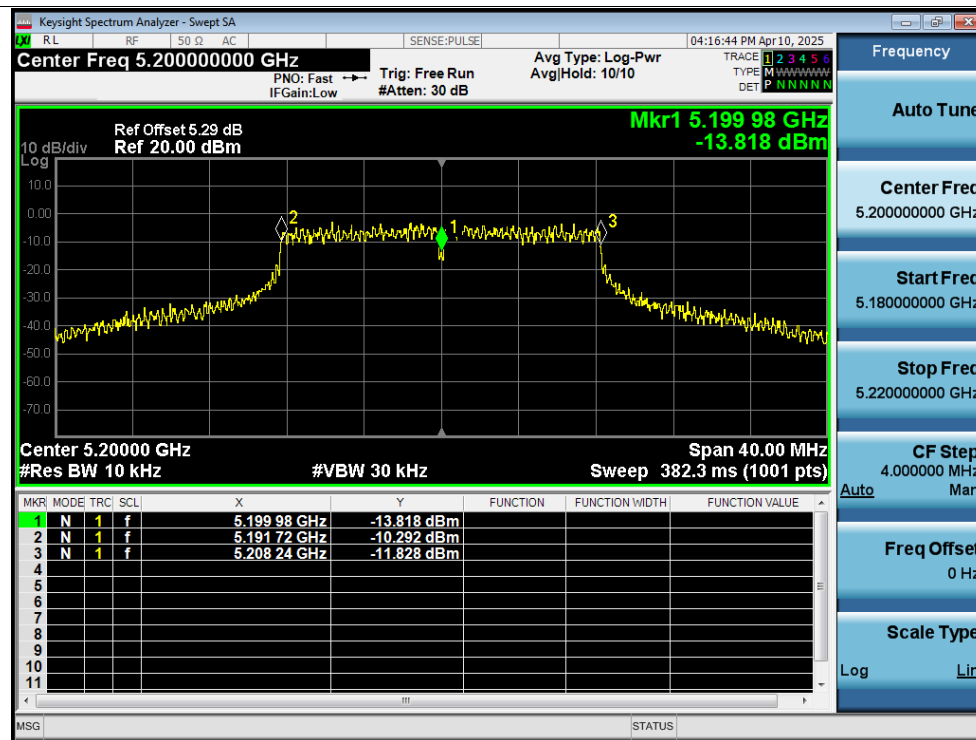
Freq. Stability 30C 12V a 5200MHz Ant3 0 Minutes



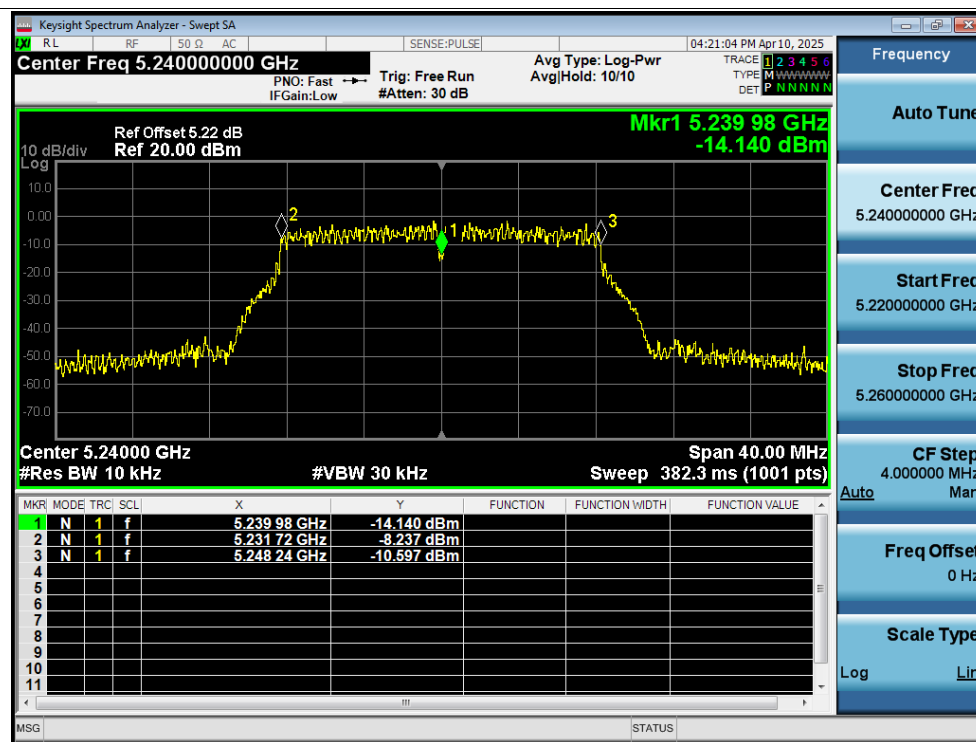
Freq. Stability 40C 12V a 5200MHz Ant3 0 Minutes



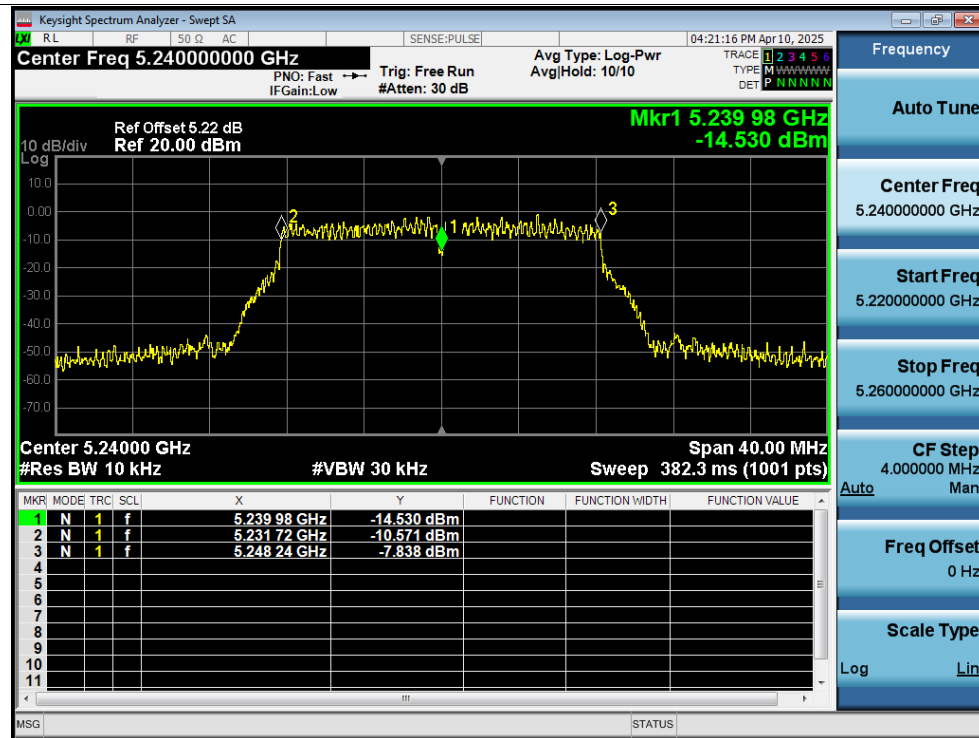
Freq. Stability 50C 12V a 5200MHz Ant3 0 Minutes



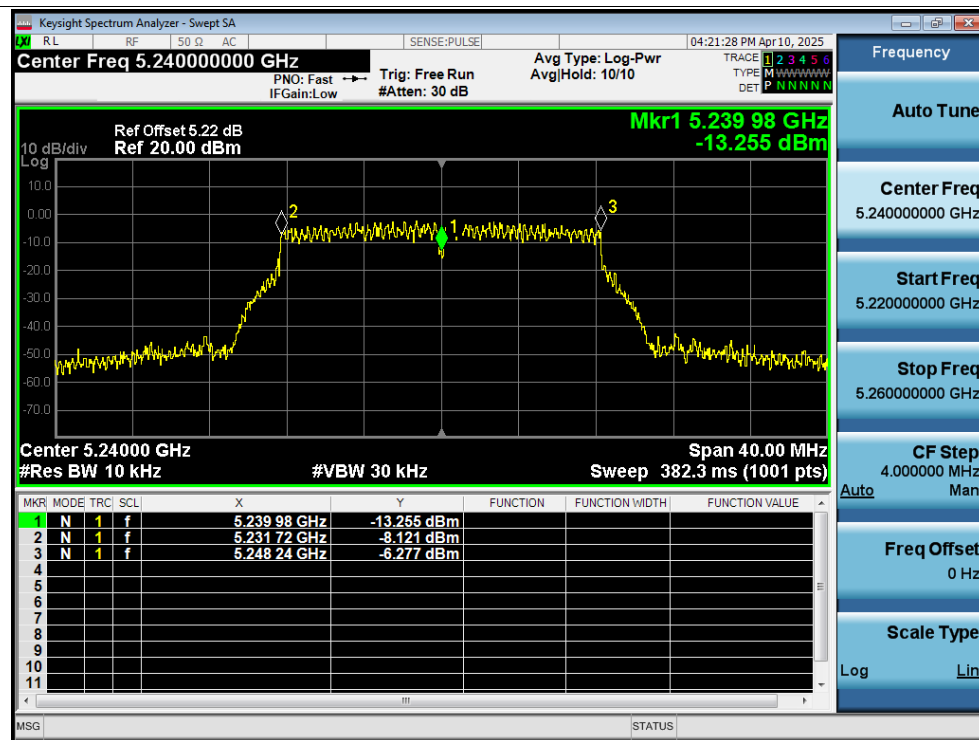
Freq. Stability 20C 10.2V a 5240MHz Ant3 0 Minutes



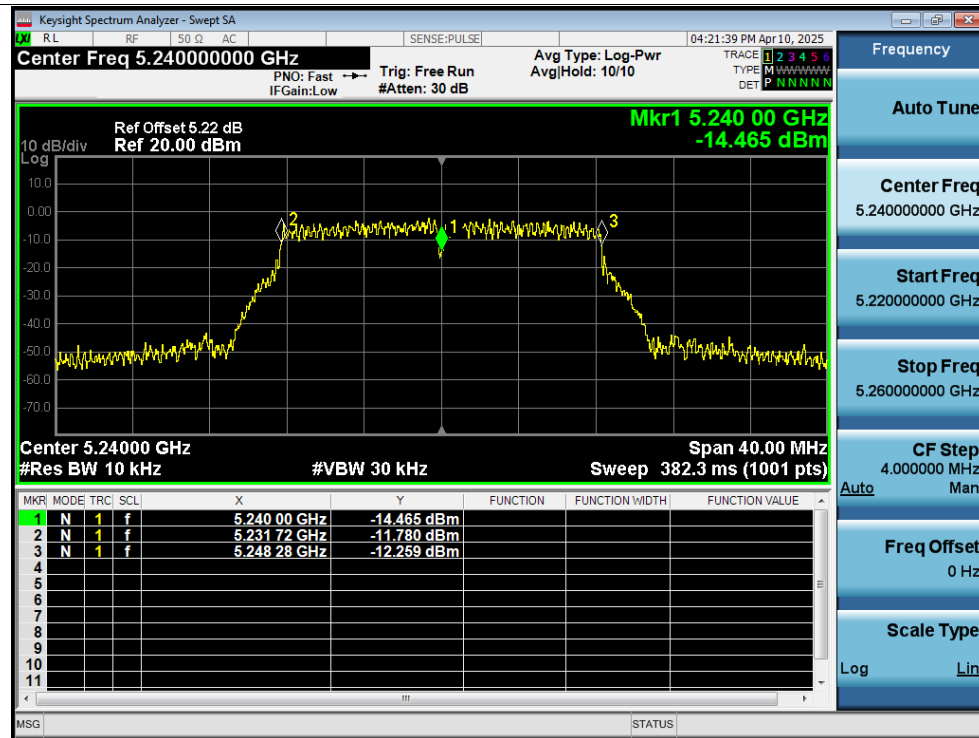
Freq. Stability 20C 12V a 5240MHz Ant3 0 Minutes



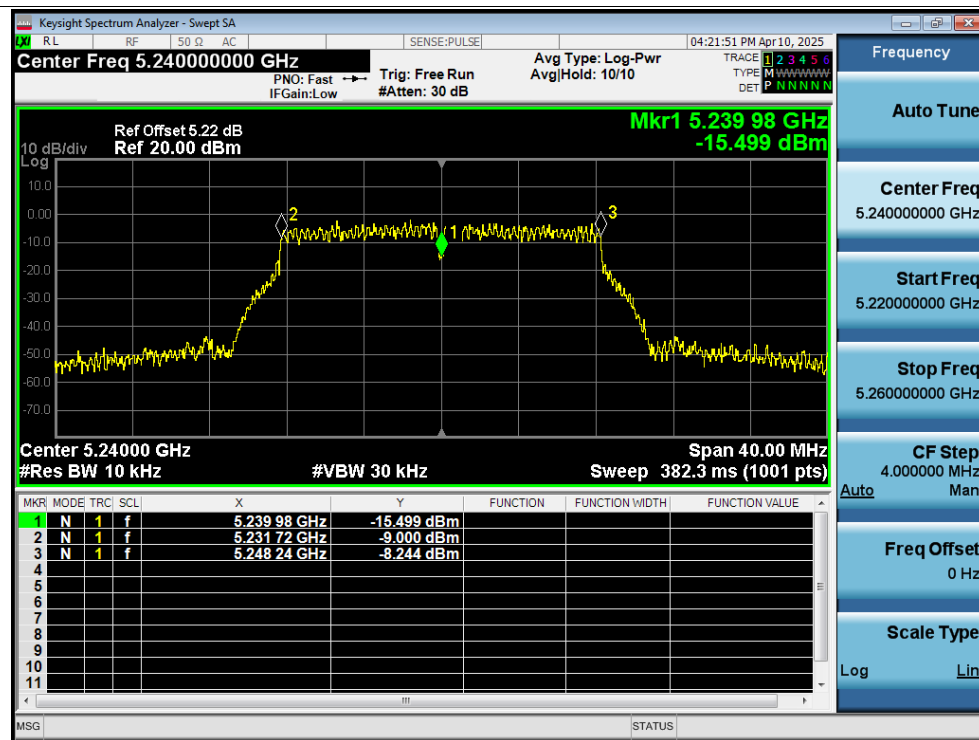
Freq. Stability 20C 13.8V a 5240MHz Ant3 0 Minutes



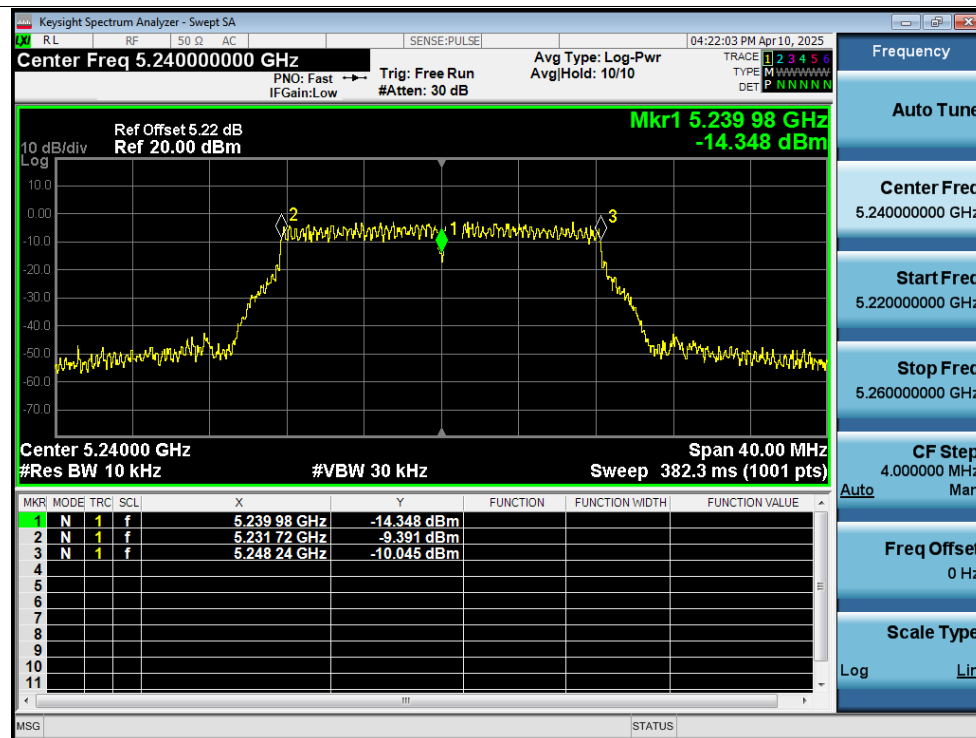
Freq. Stability -20C 12V a 5240MHz Ant3 0 Minutes



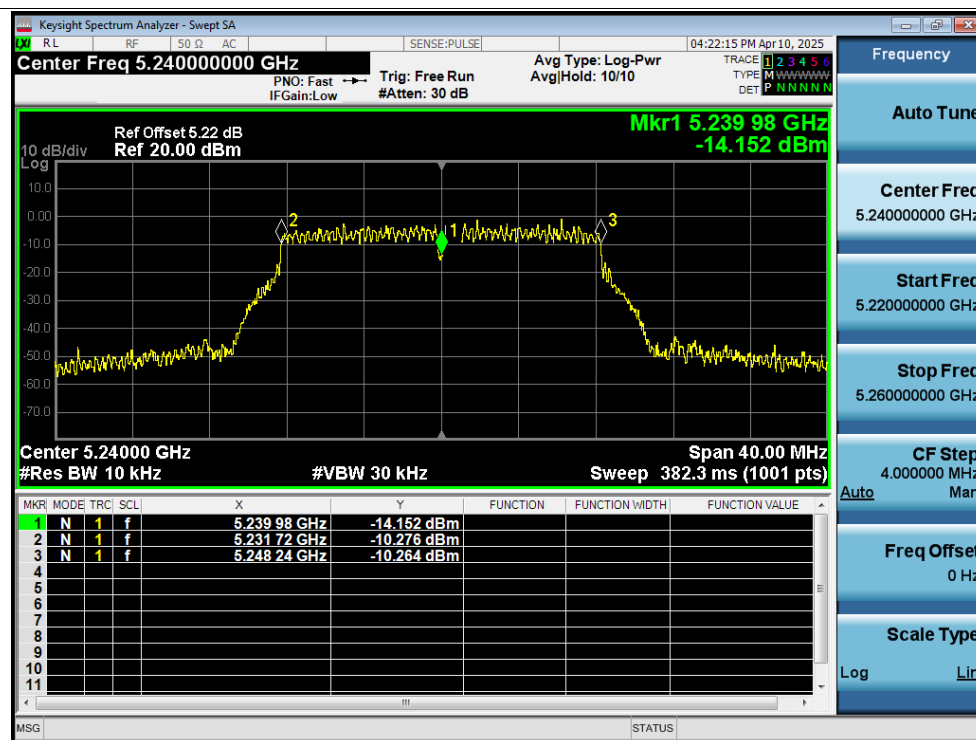
Freq. Stability -10C 12V a 5240MHz Ant3 0 Minutes



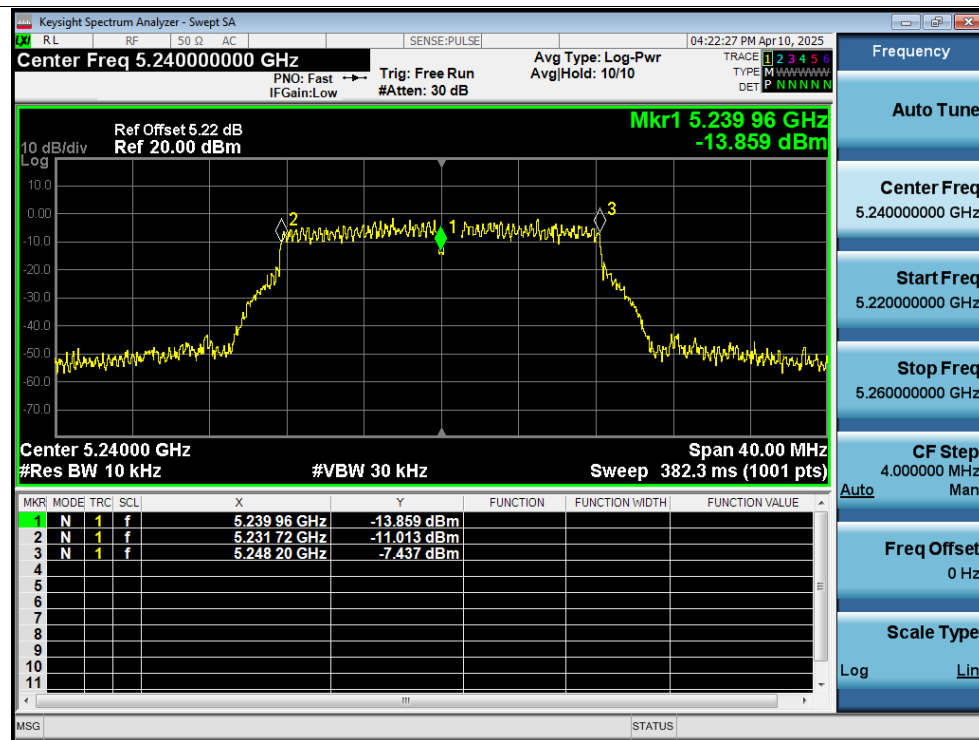
Freq. Stability OC 12V a 5240MHz Ant3 0 Minutes



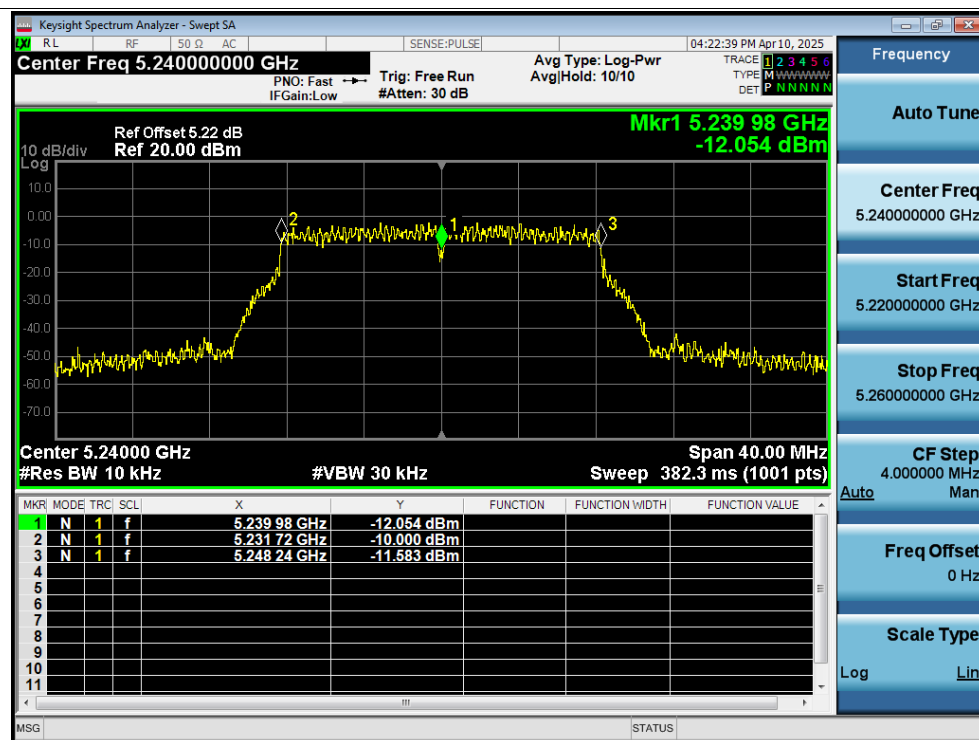
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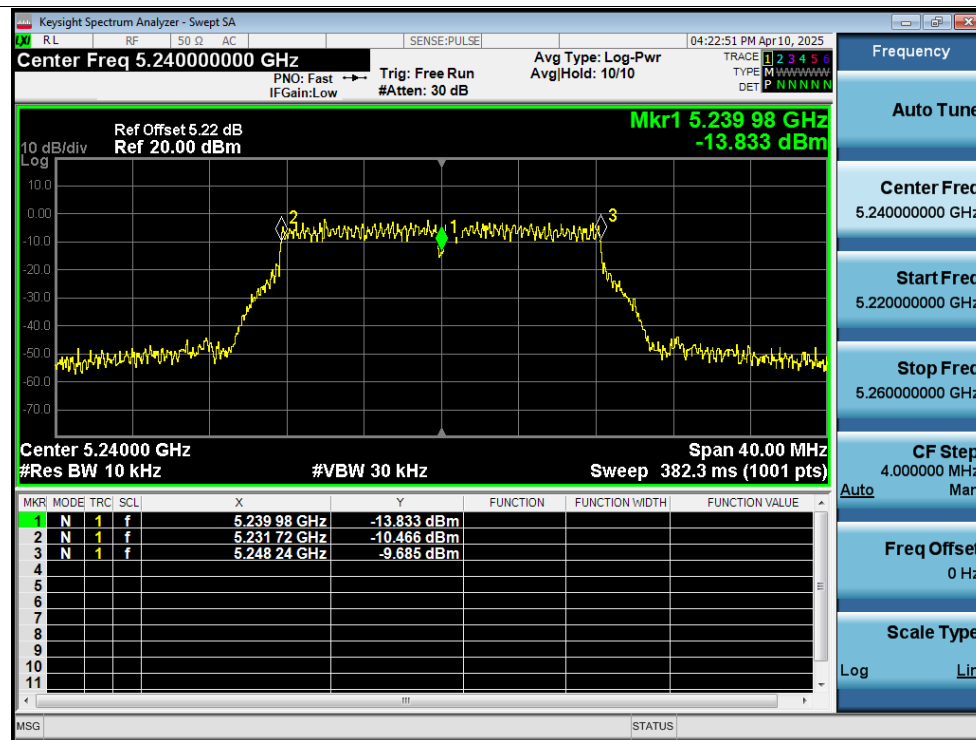
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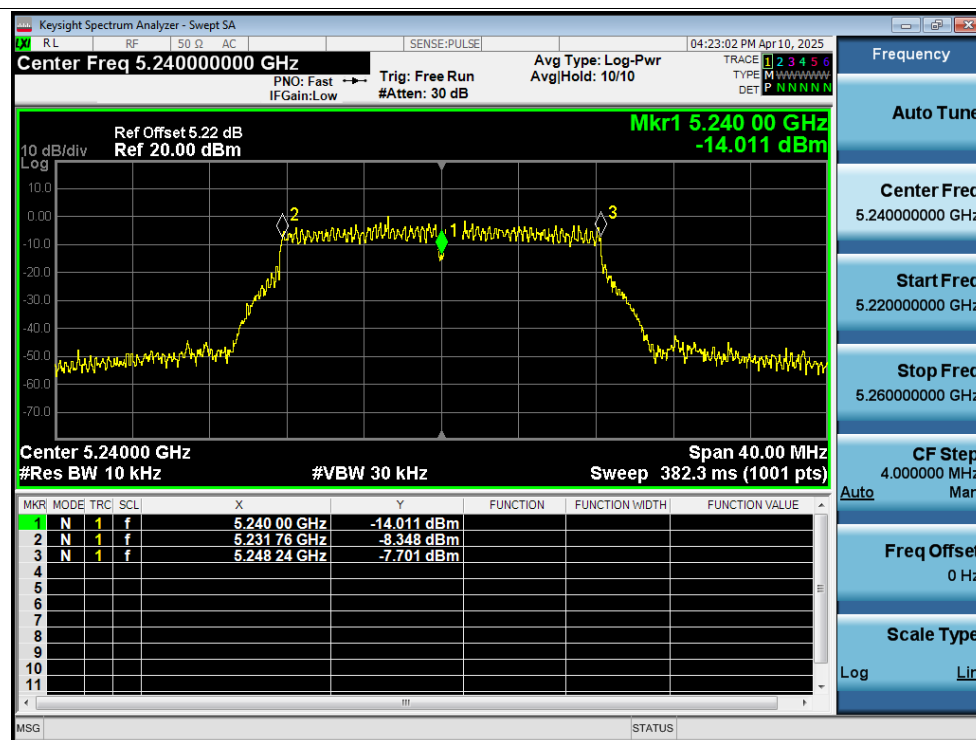
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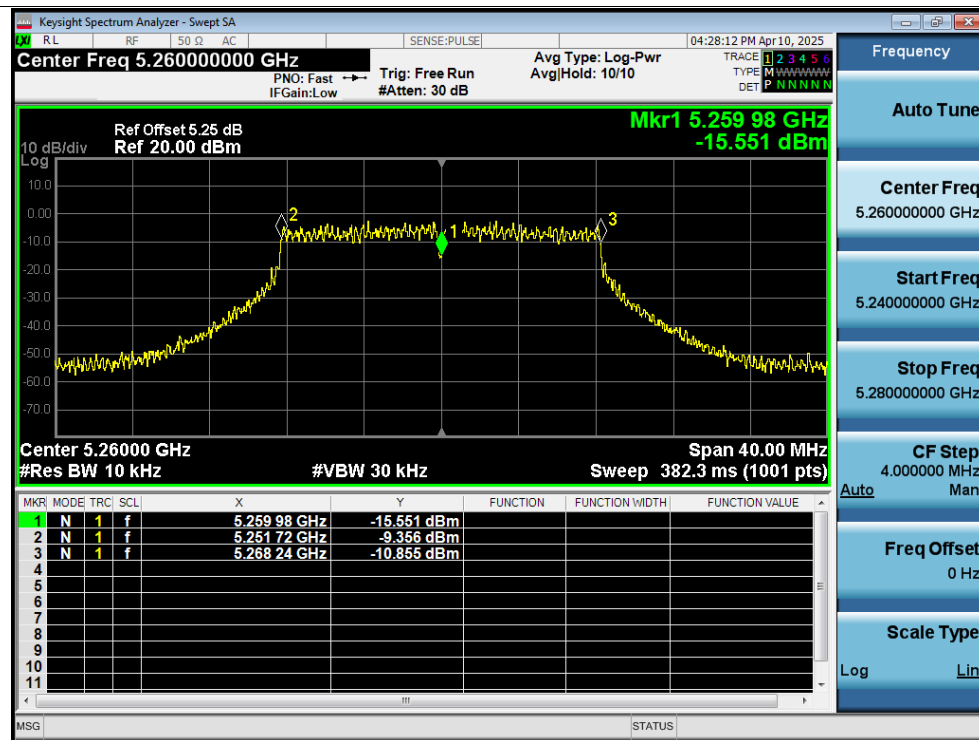
Freq. Stability 40C 12V a 5240MHz Ant3 0 Minutes



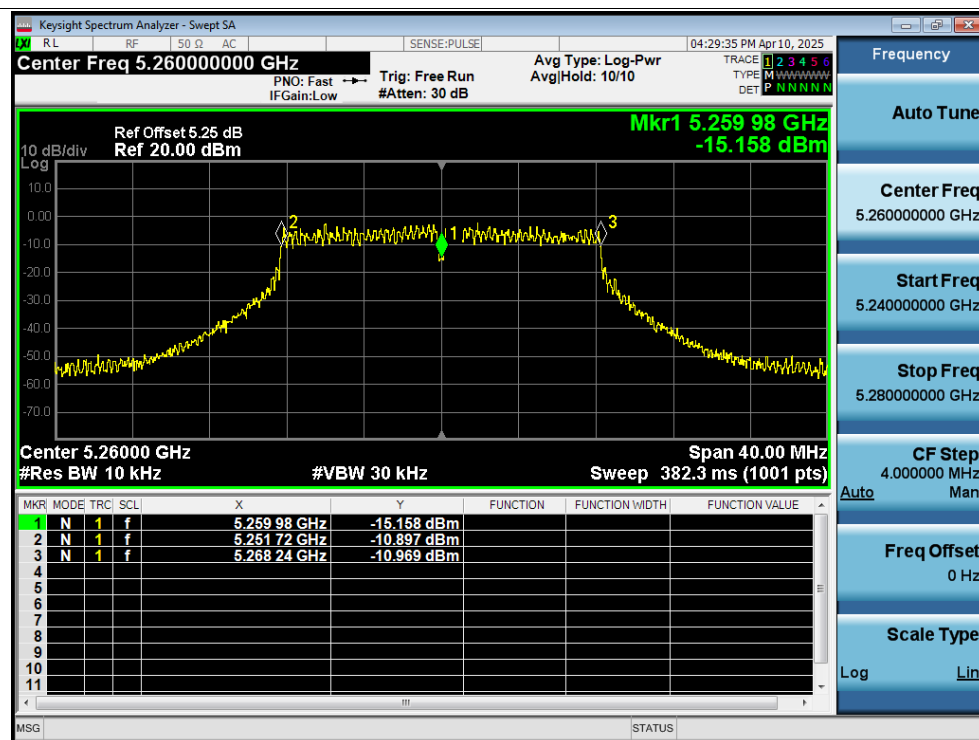
Freq. Stability 50C 12V a 5240MHz Ant3 0 Minutes



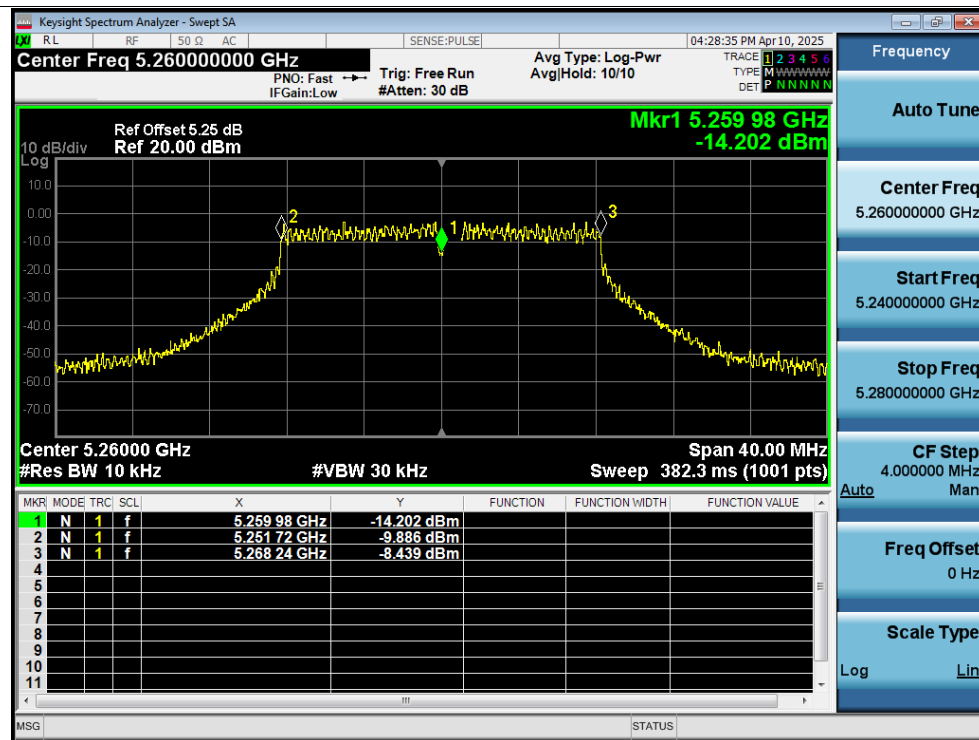
Freq. Stability 20C 10.2V a 5260MHz Ant3 0 Minutes



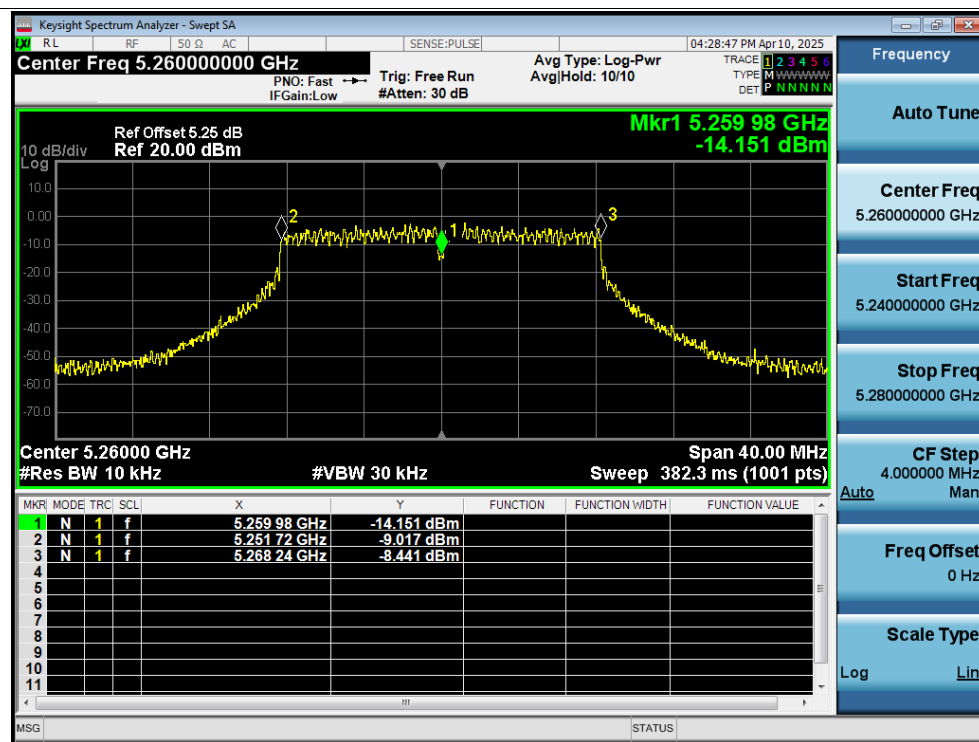
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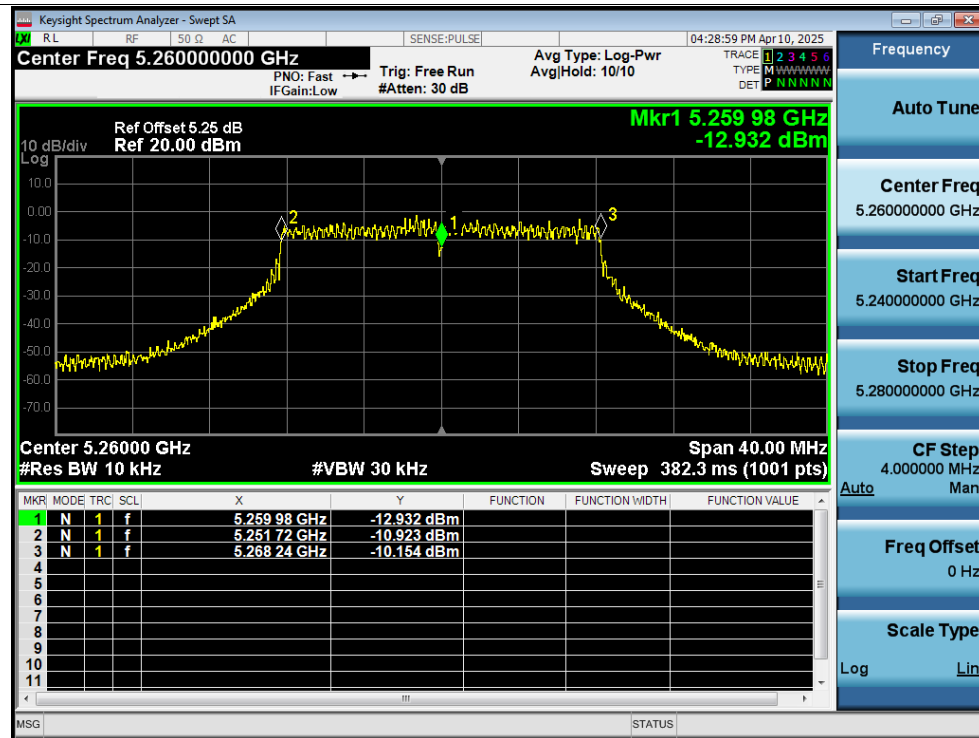
Freq. Stability 20C 13.8V a 5260MHz Ant3 0 Minutes



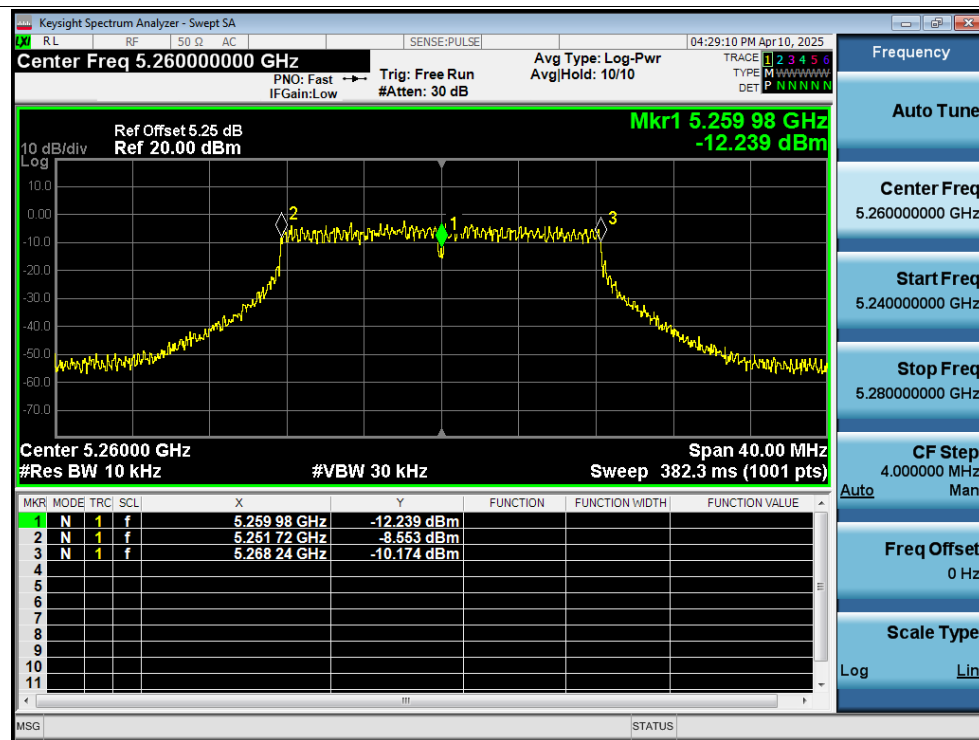
Freq. Stability -20C 12V a 5260MHz Ant3 0 Minutes



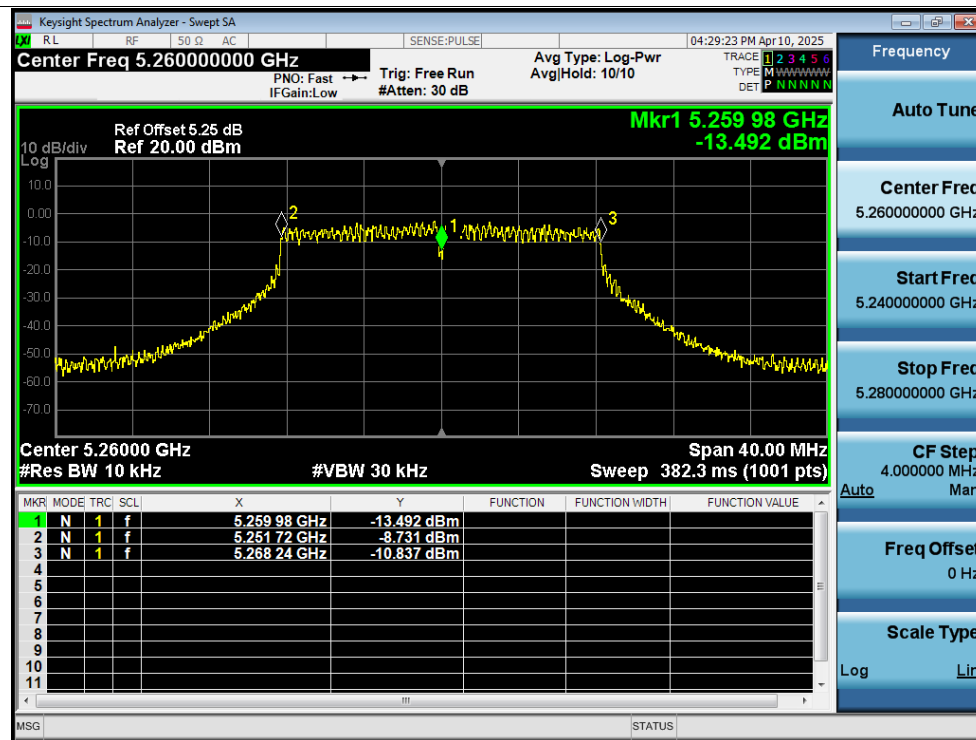
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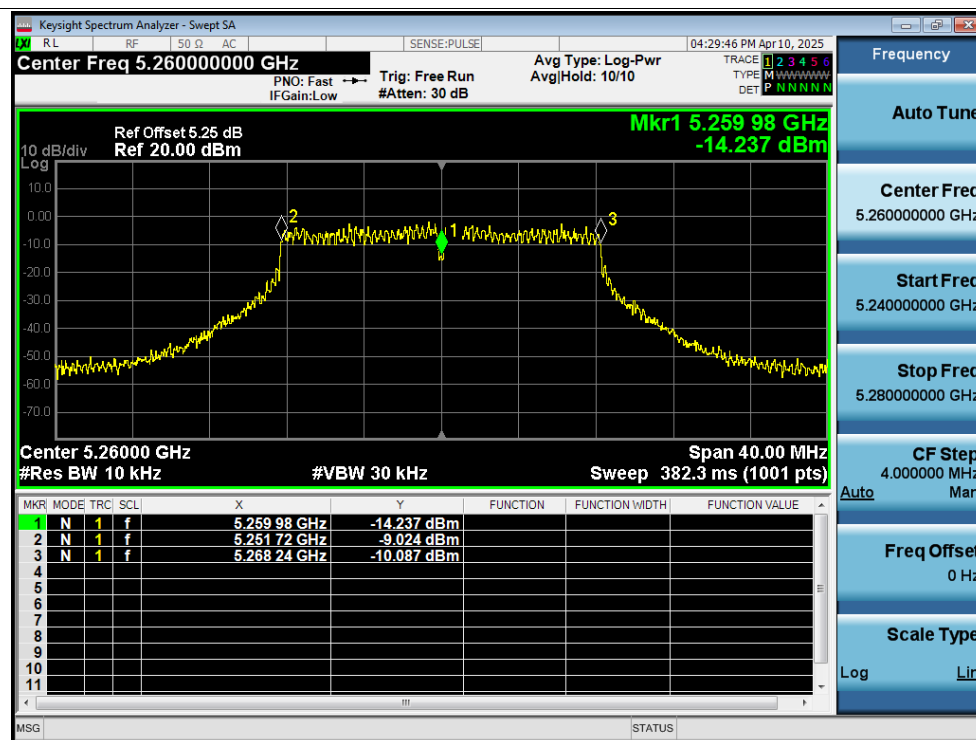
Freq. Stability 0C 12V a 5260MHz Ant3 0 Minutes



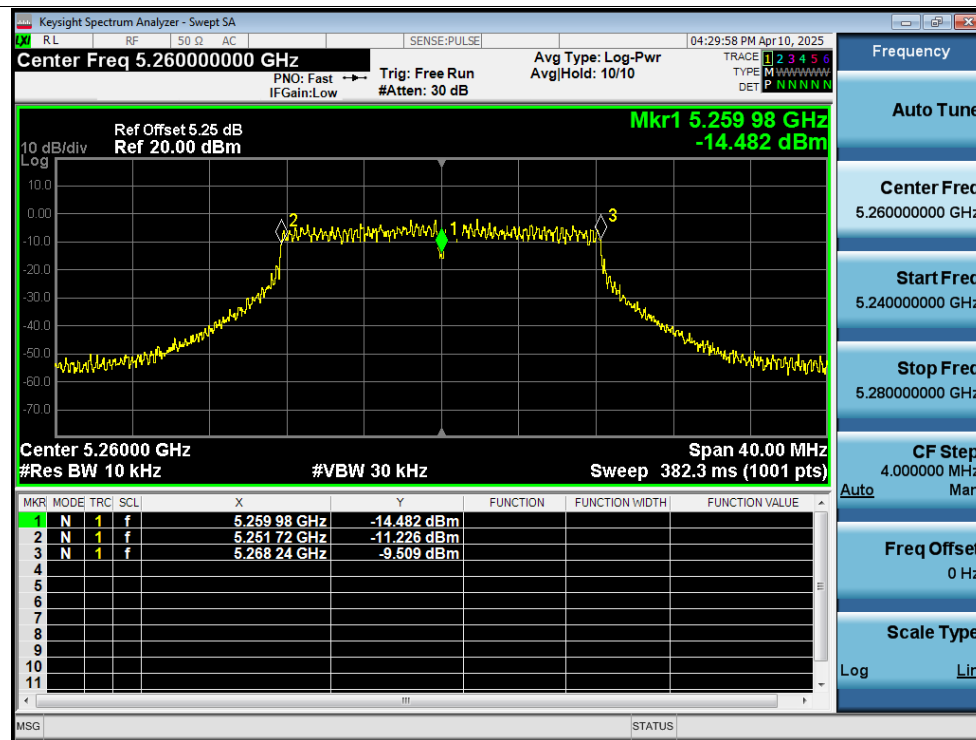
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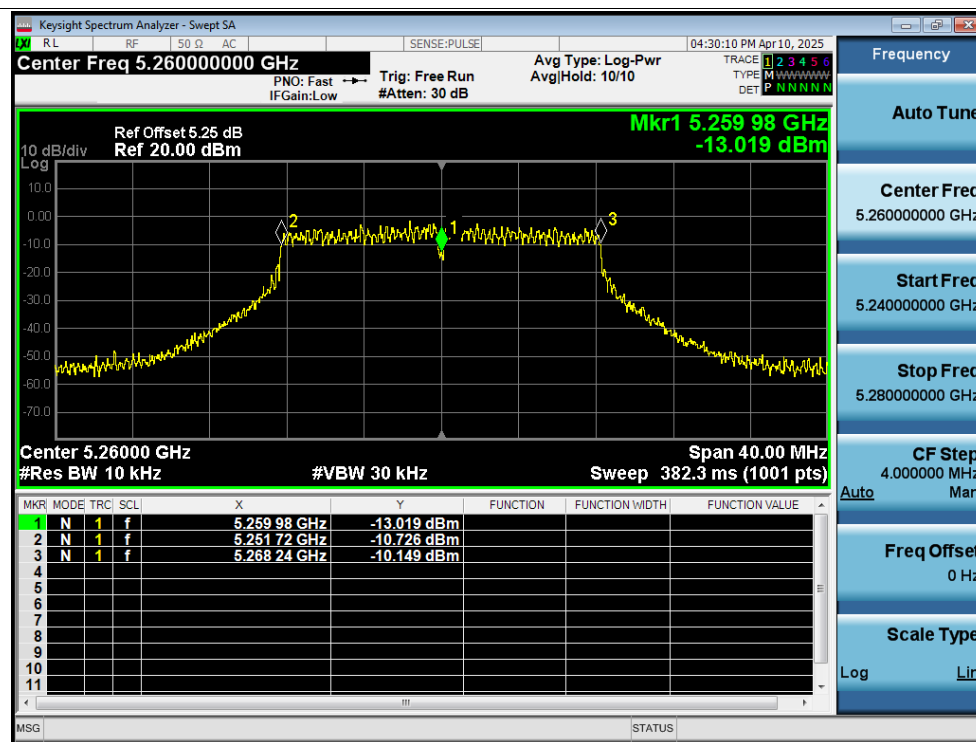
Freq. Stability 30C 12V a 5260MHz Ant3 0 Minutes



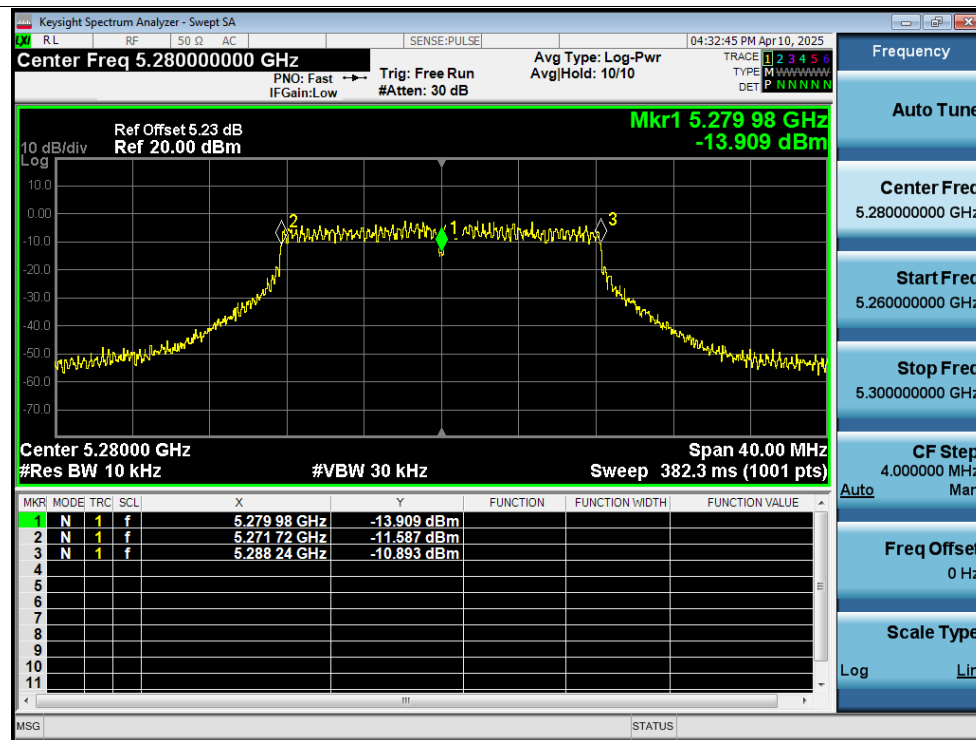
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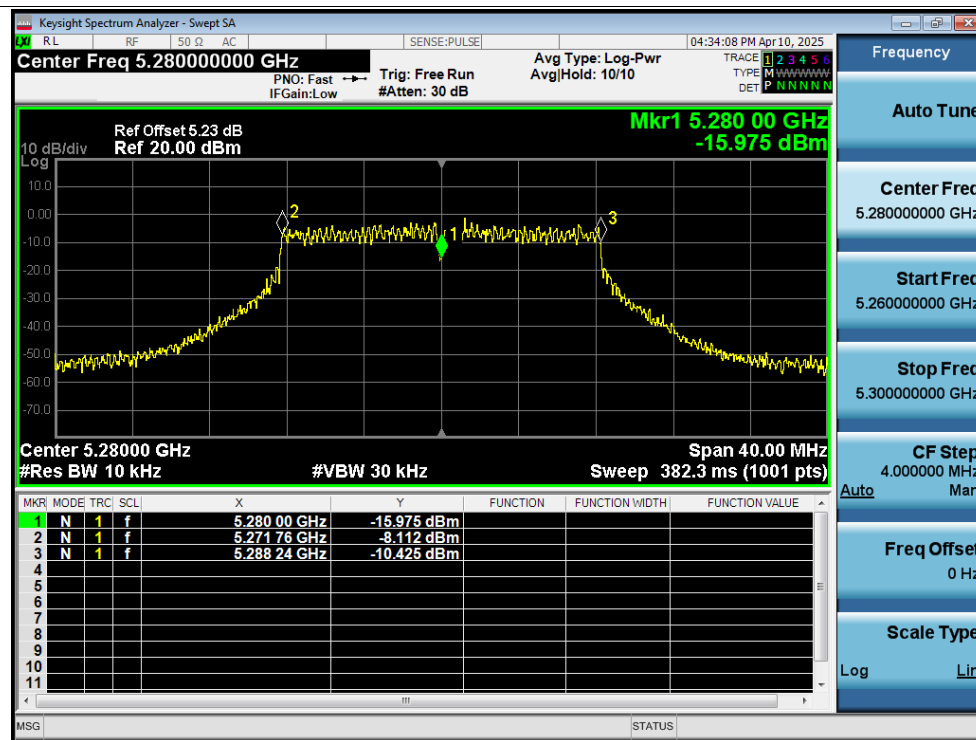
Freq. Stability 50C 12V a 5260MHz Ant3 0 Minutes



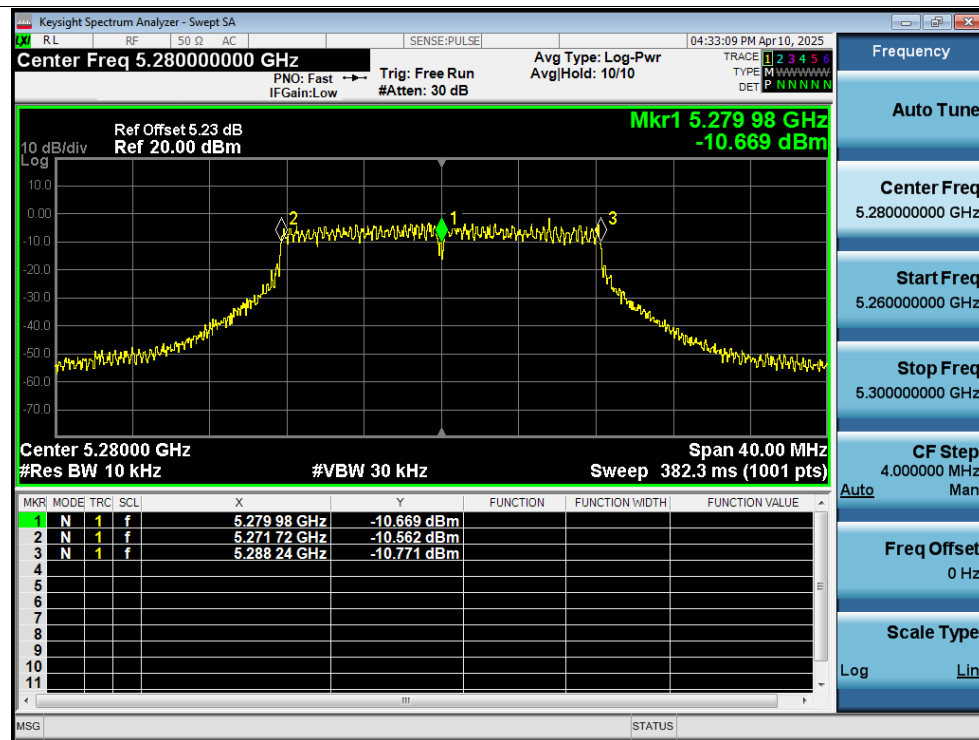
Freq. Stability 20C 10.2V a 5280MHz Ant3 0 Minutes



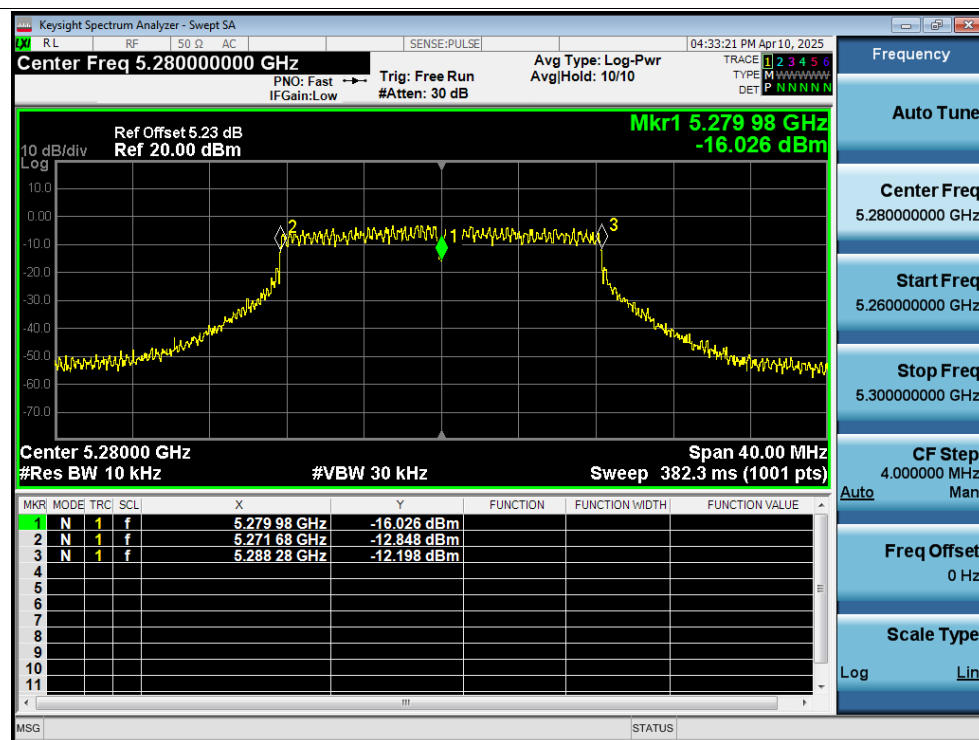
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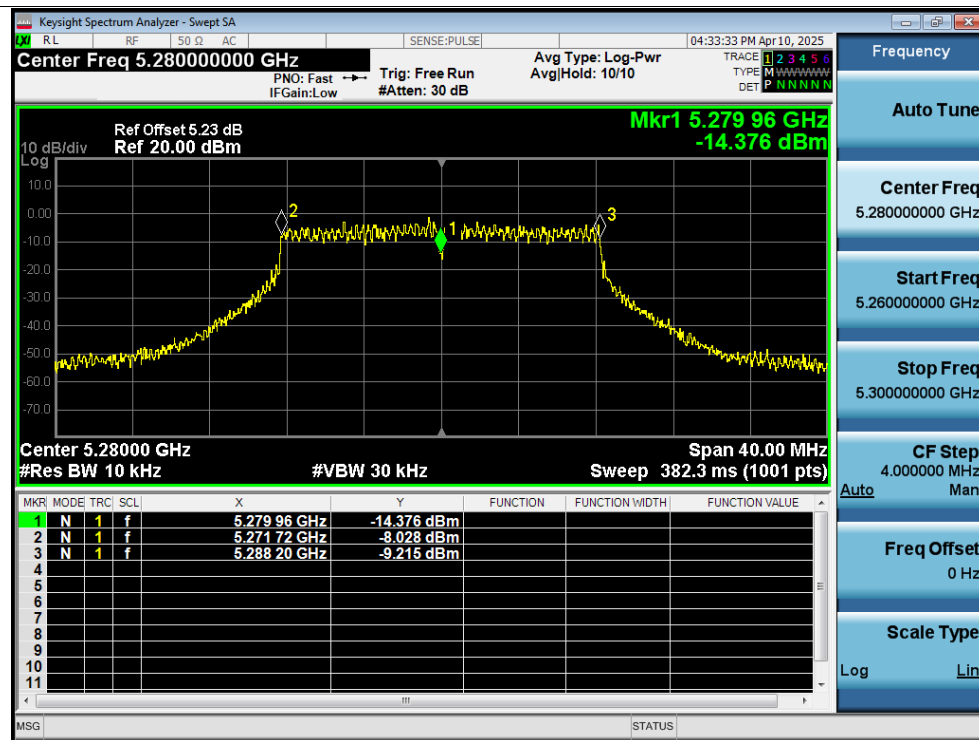
Freq. Stability 20C 13.8V a 5280MHz Ant3 0 Minutes



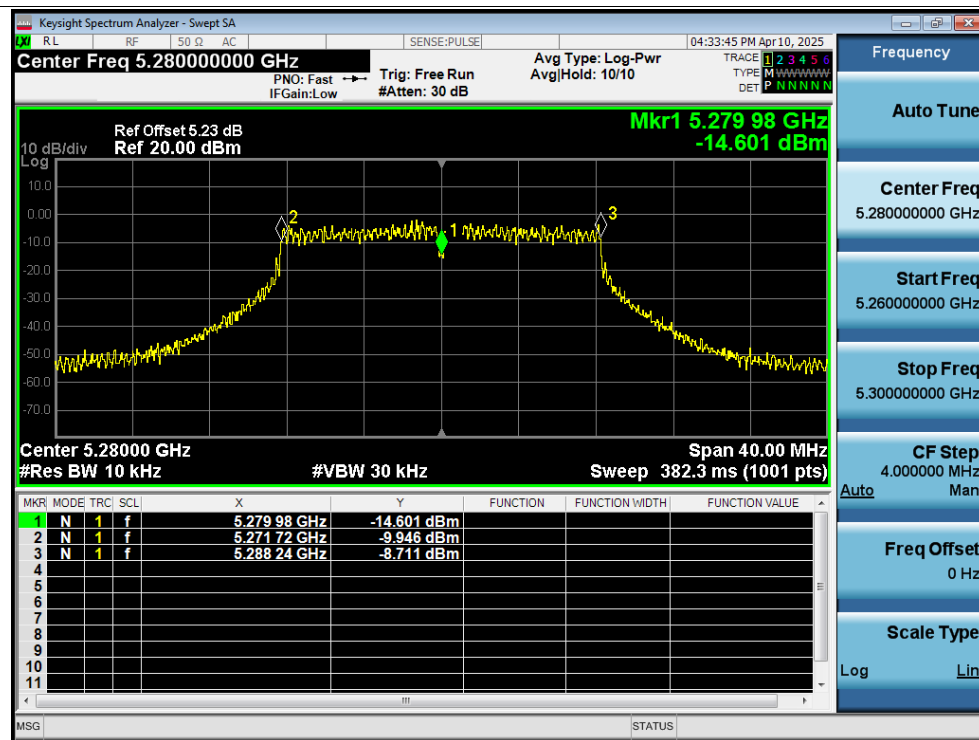
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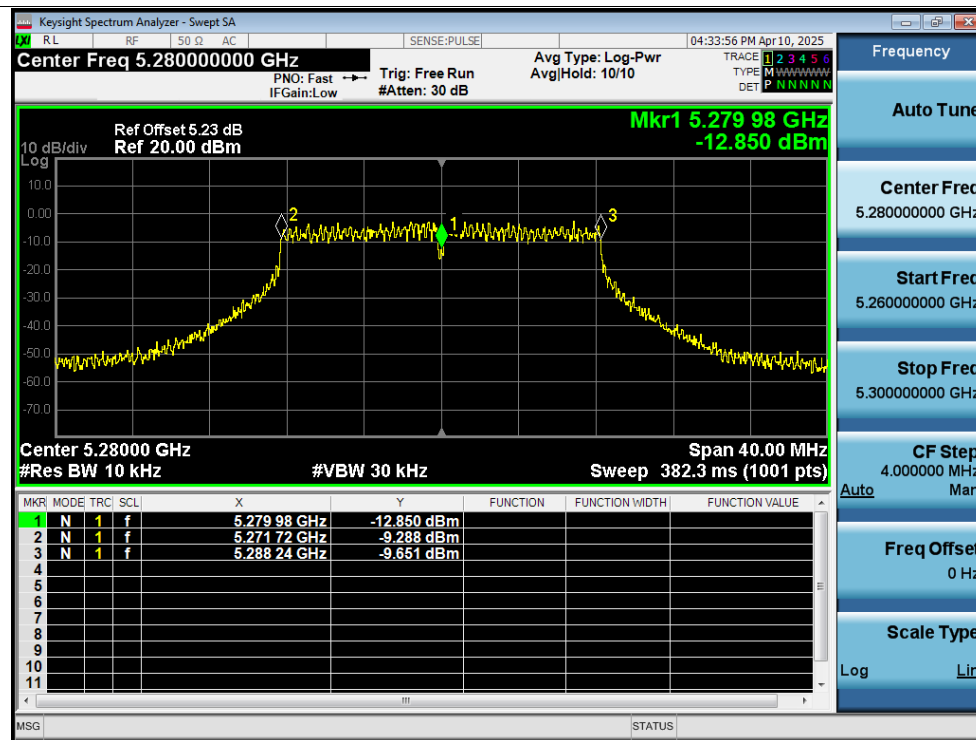
Freq. Stability -10C 12V a 5280MHz Ant3 0 Minutes



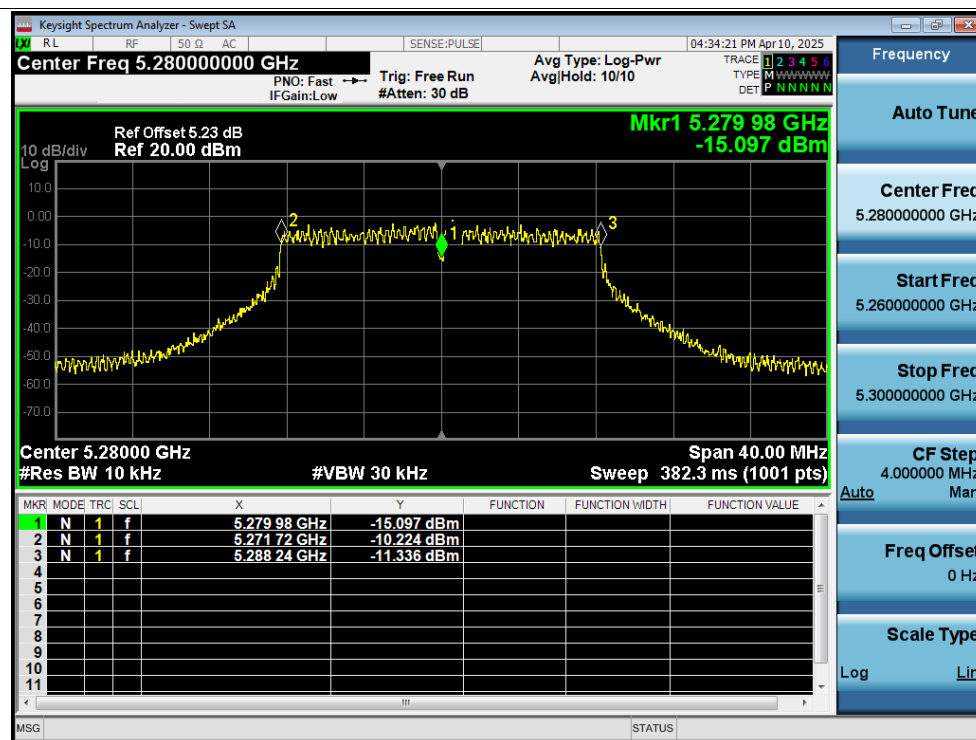
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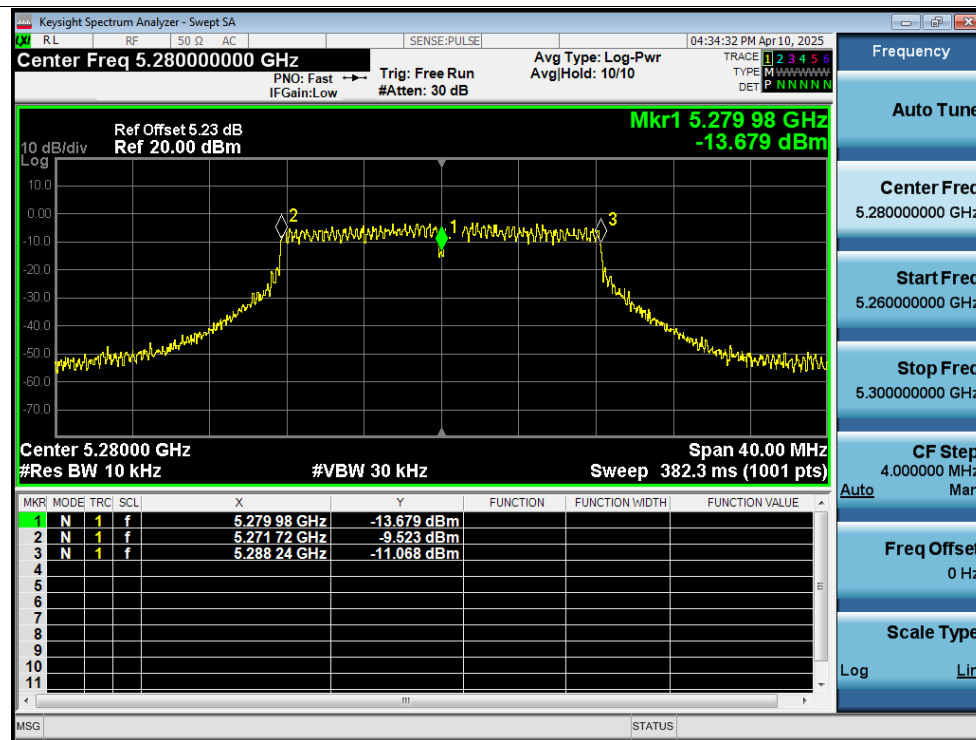
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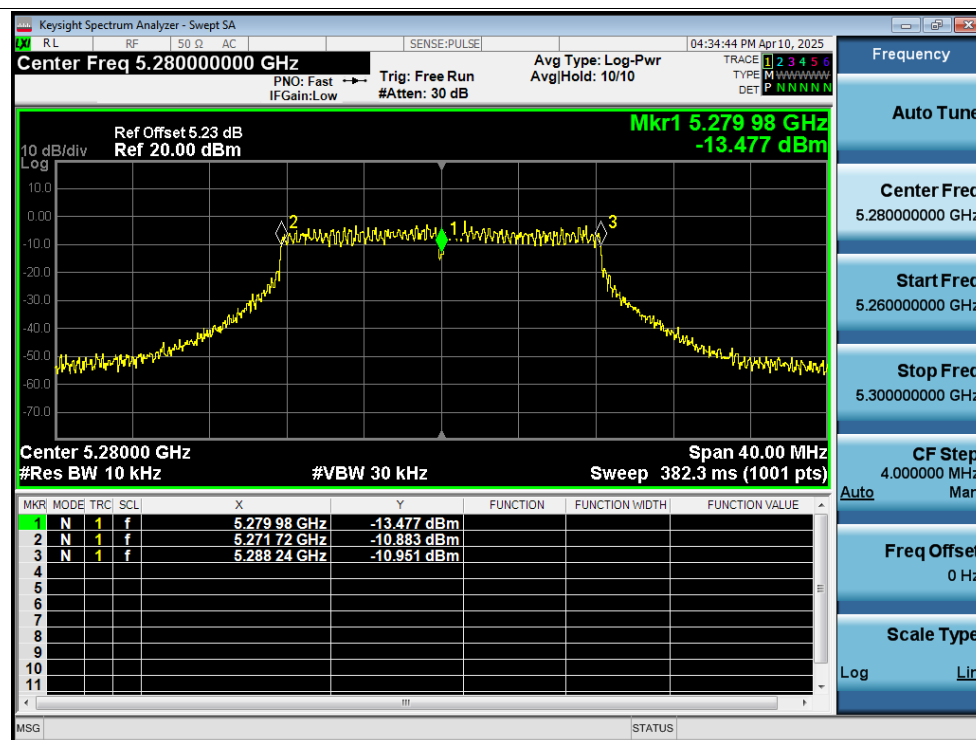
Freq. Stability 30C 12V a 5280MHz Ant3 0 Minutes



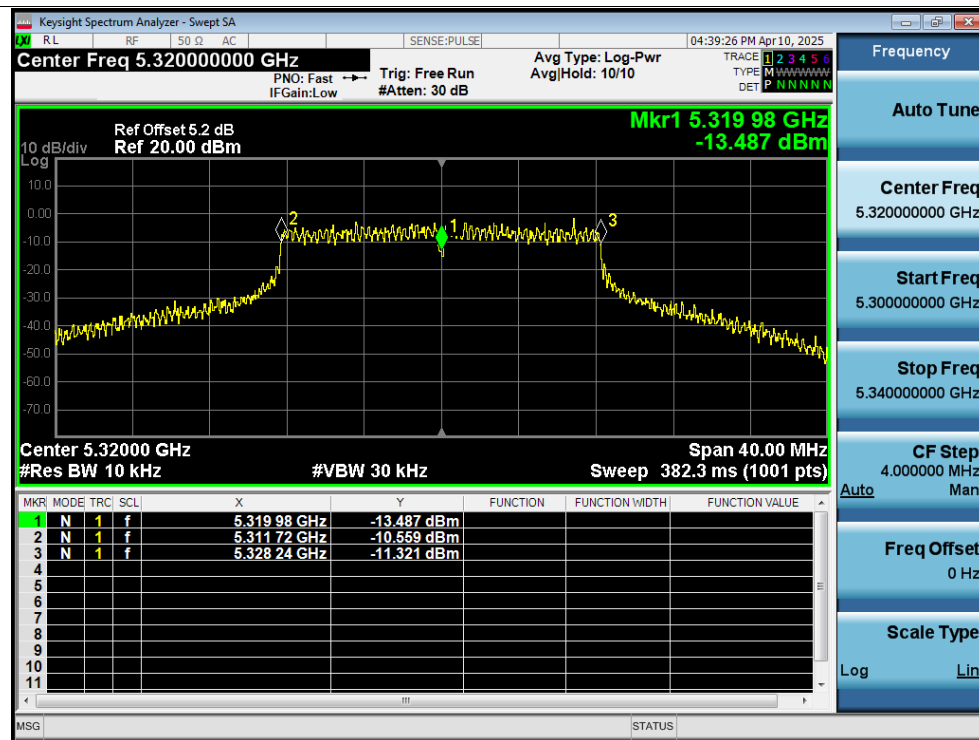
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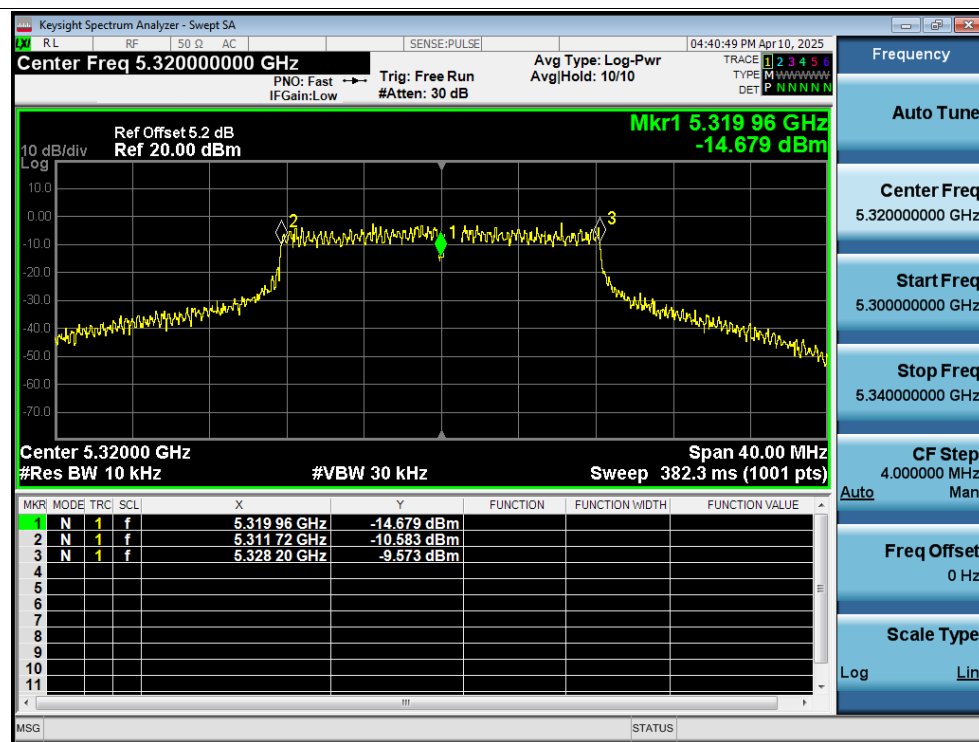
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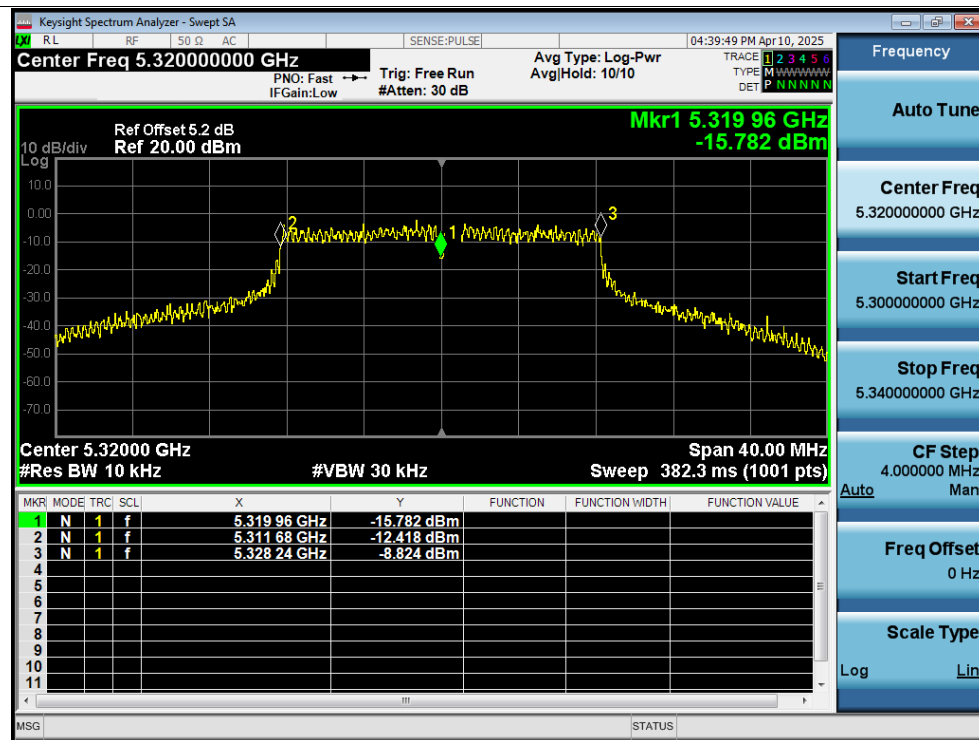
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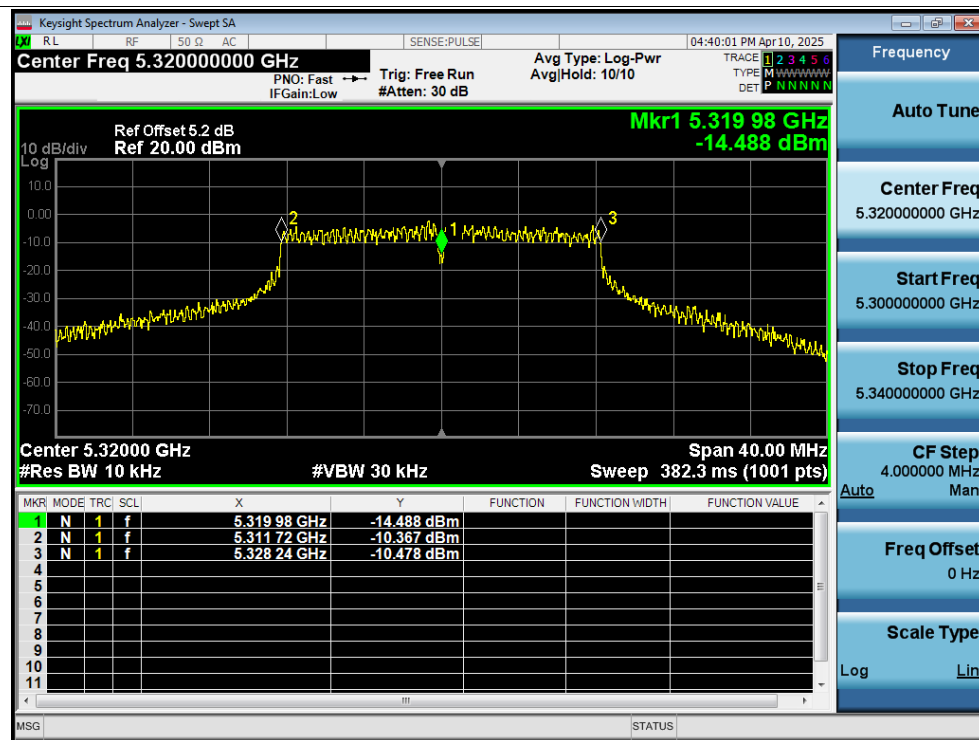
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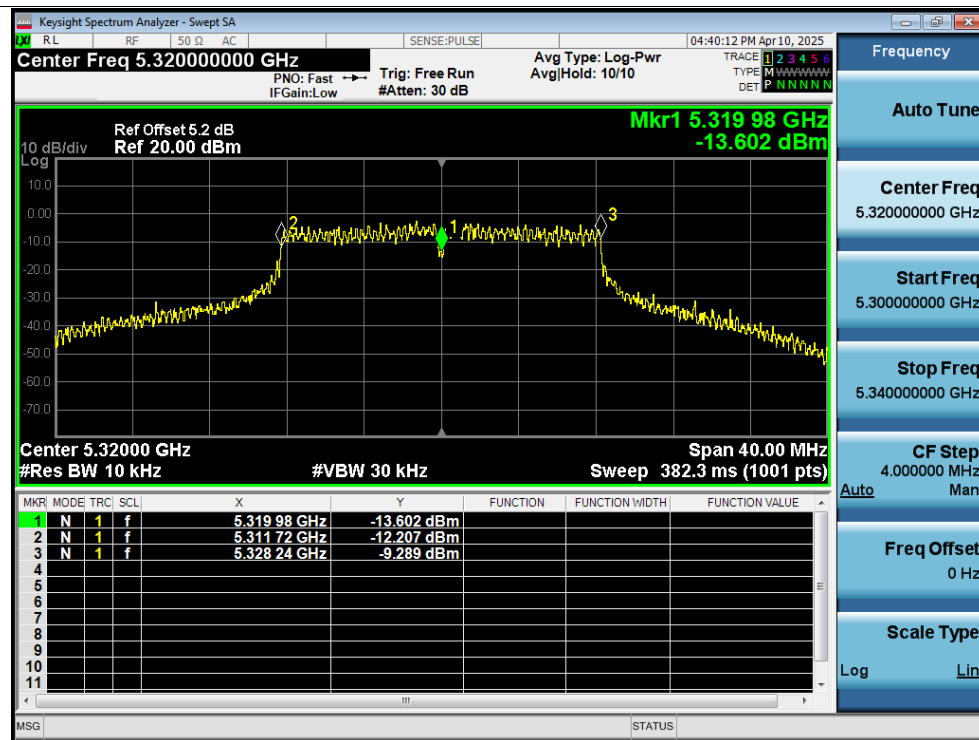
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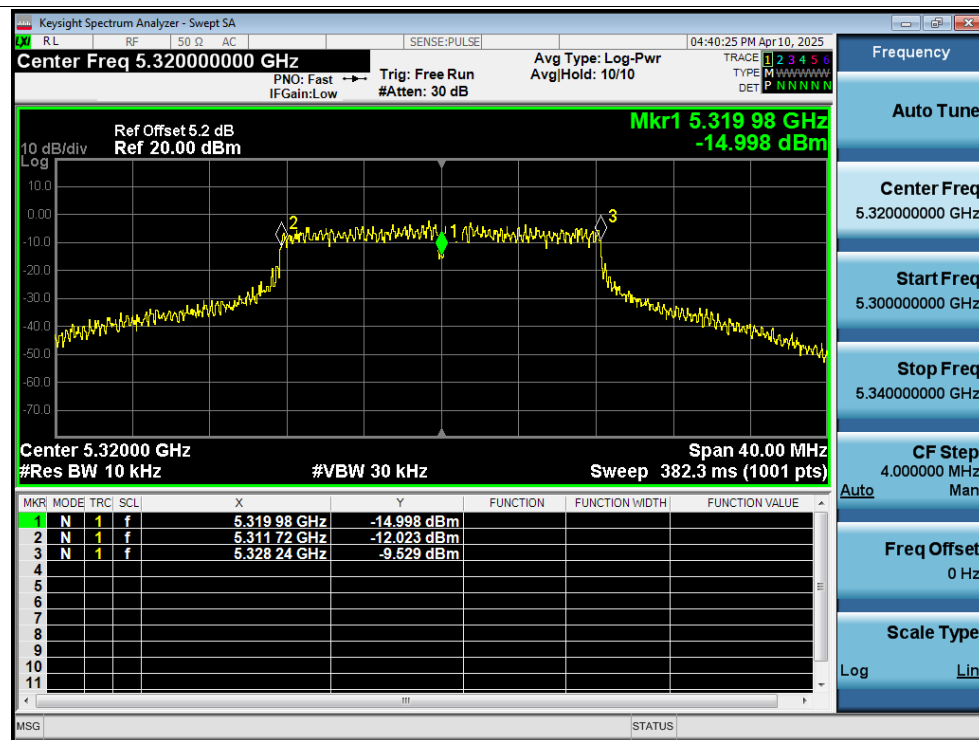
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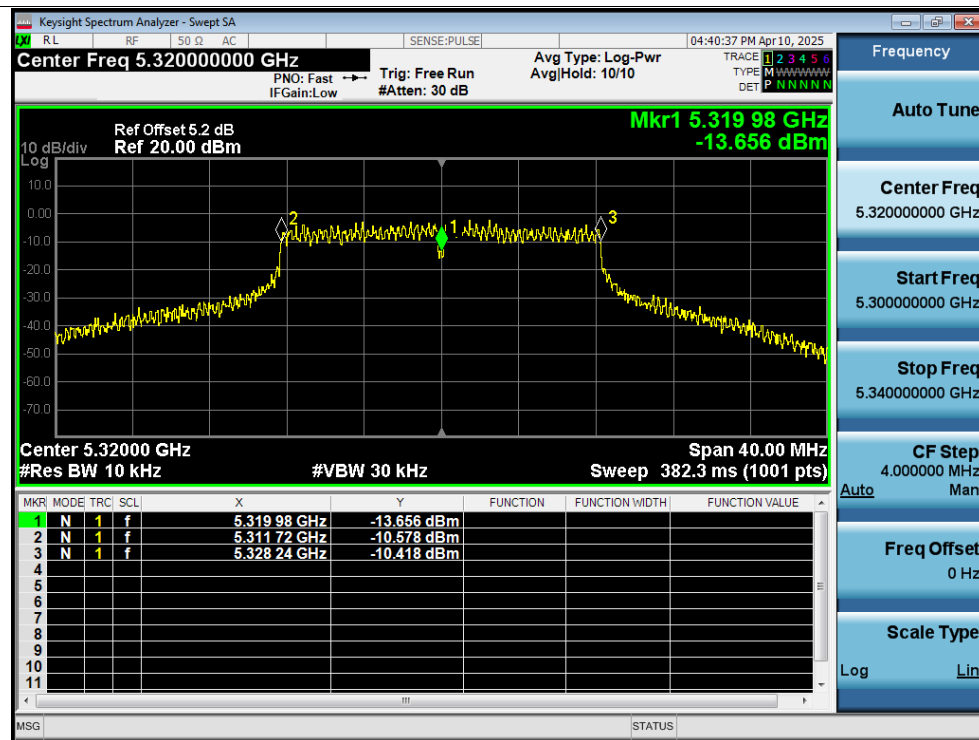
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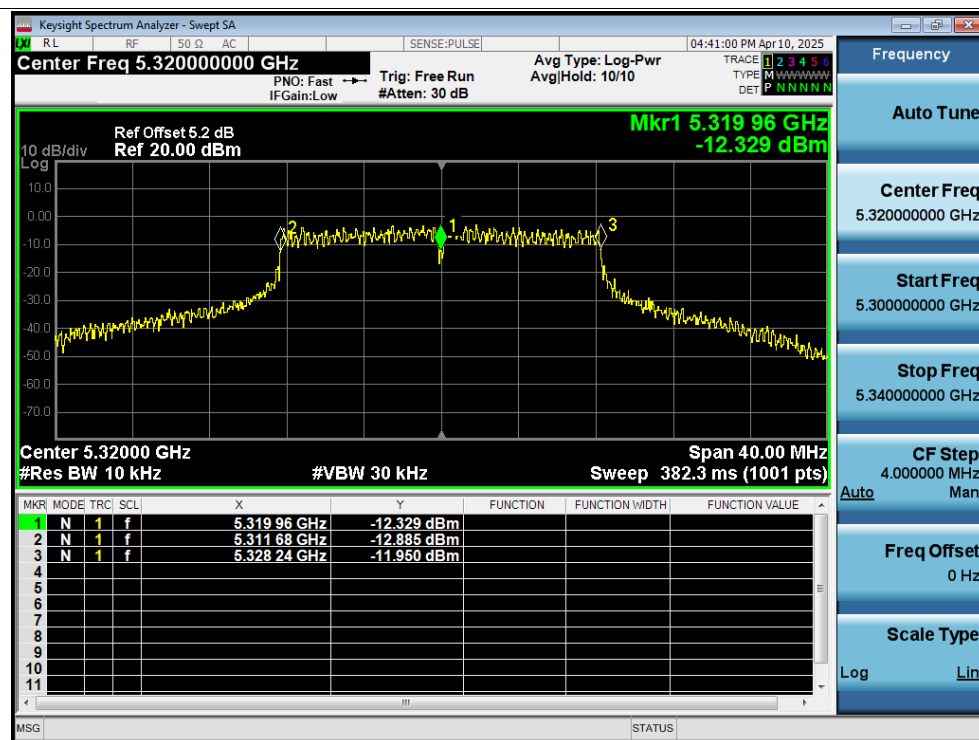
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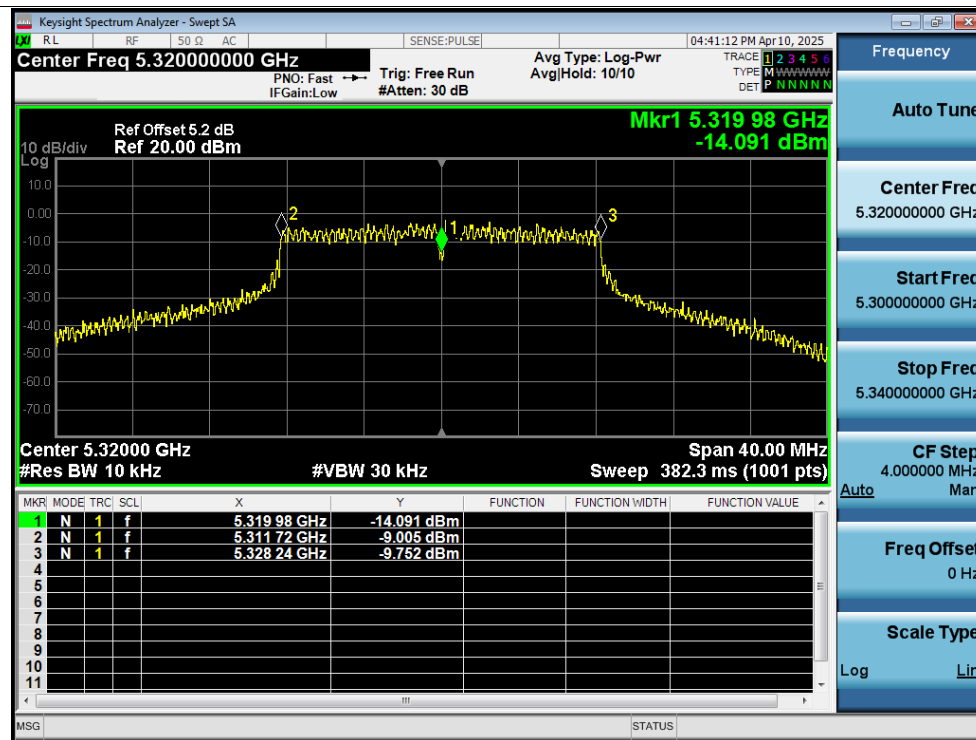
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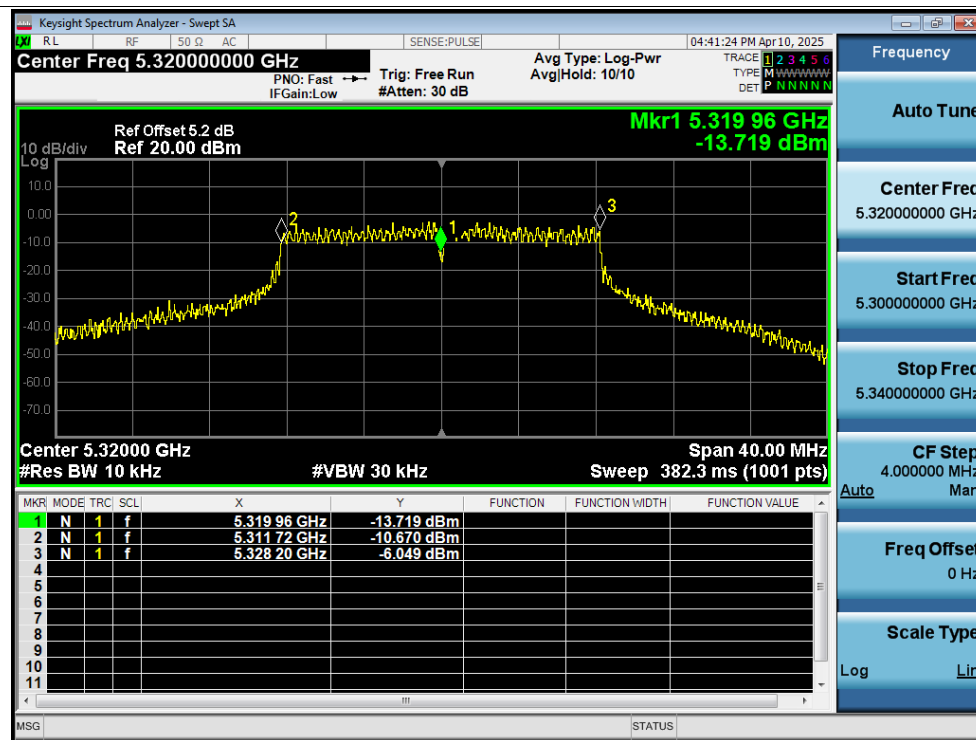
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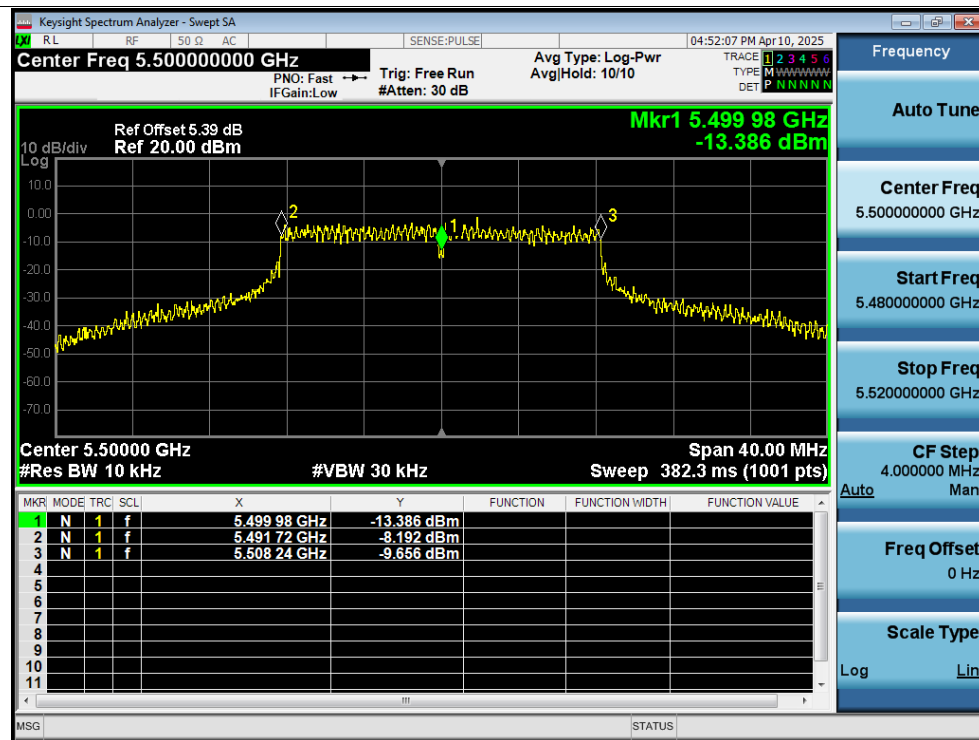
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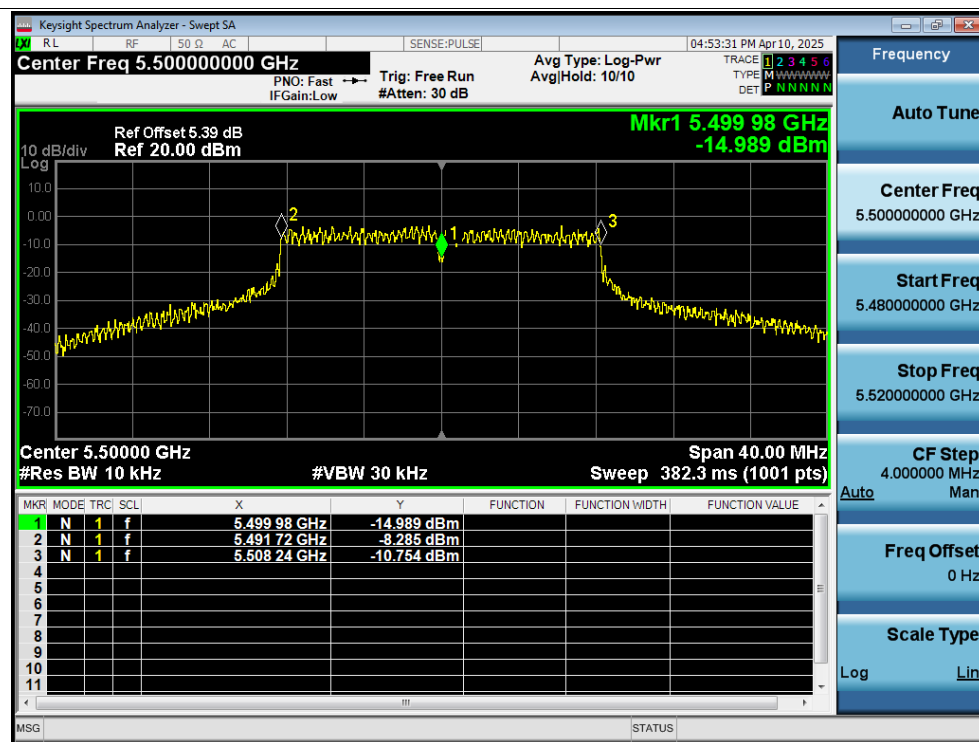
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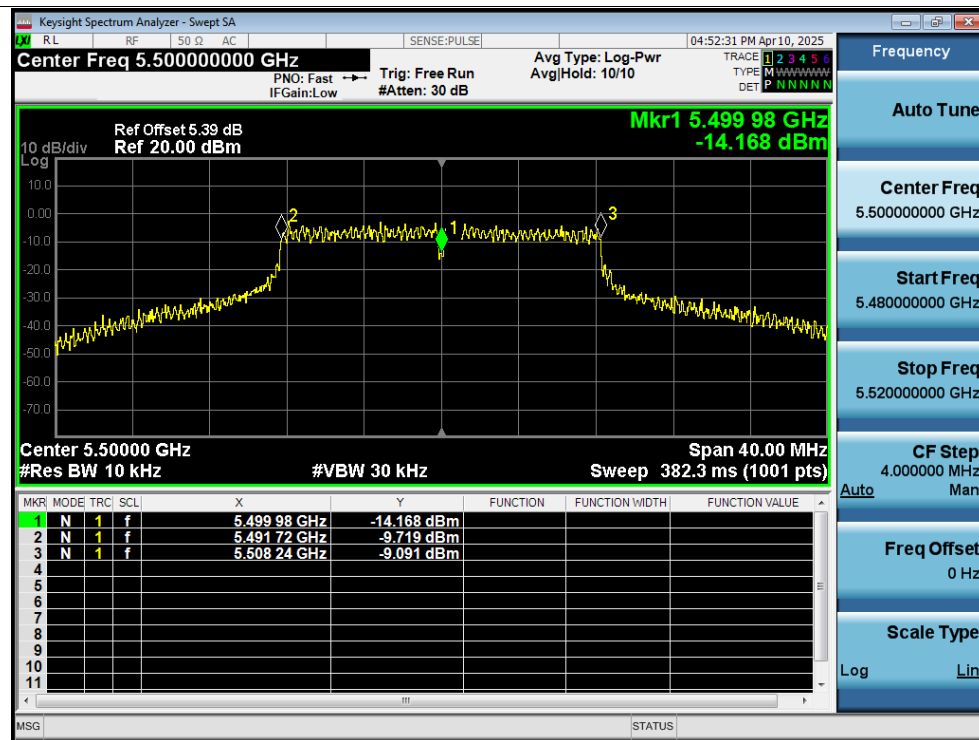
Freq. Stability 20C 10.2V a 5500MHz Ant3 0 Minutes



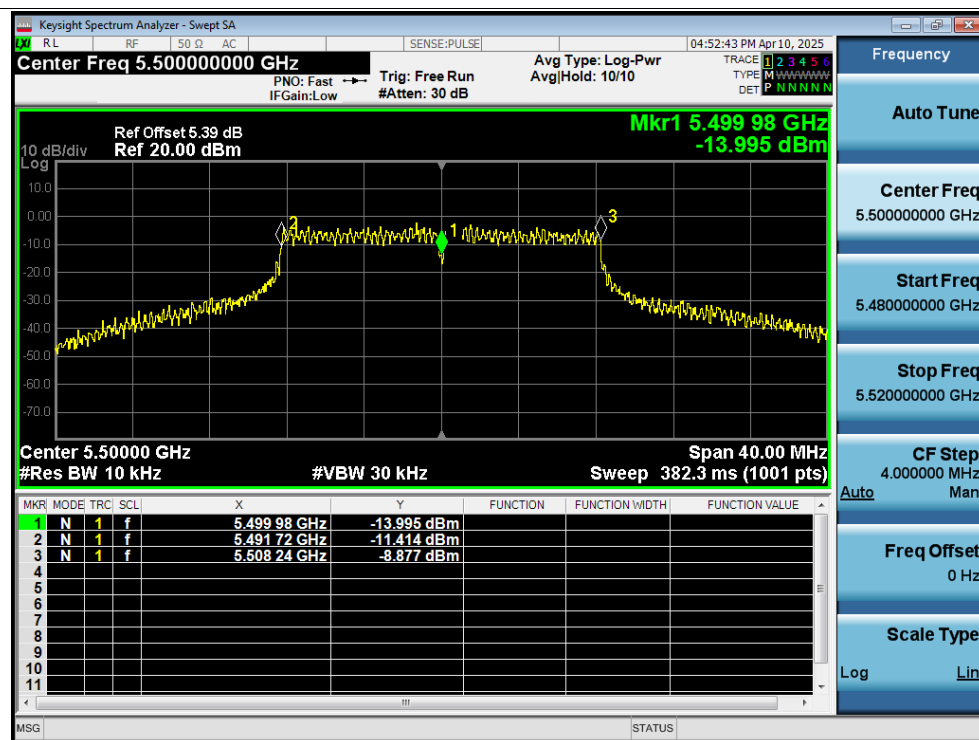
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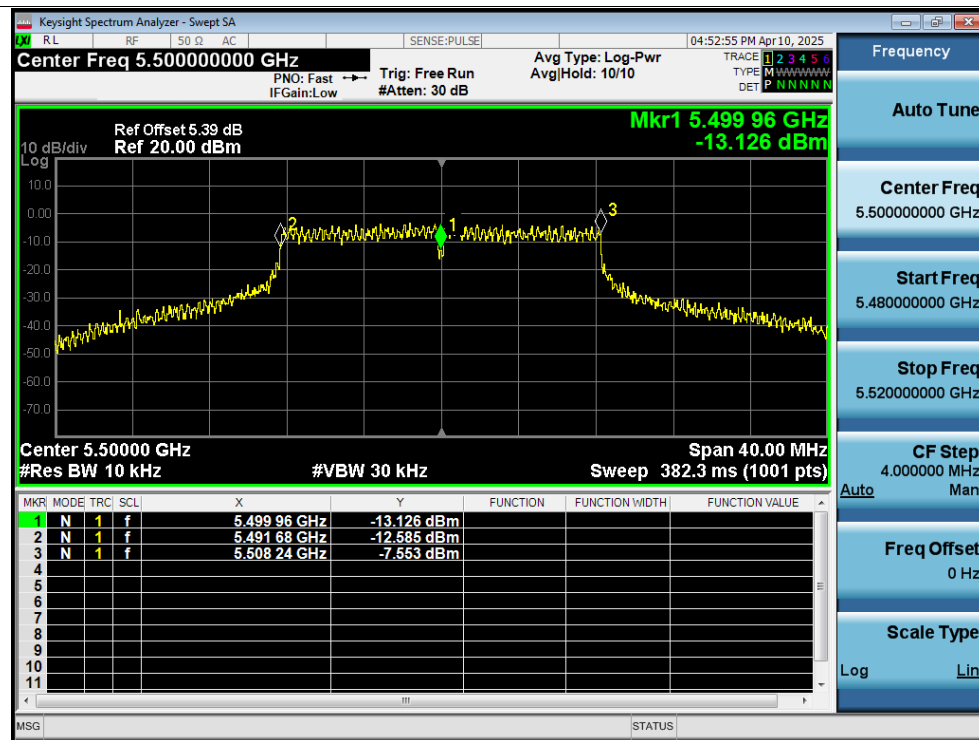
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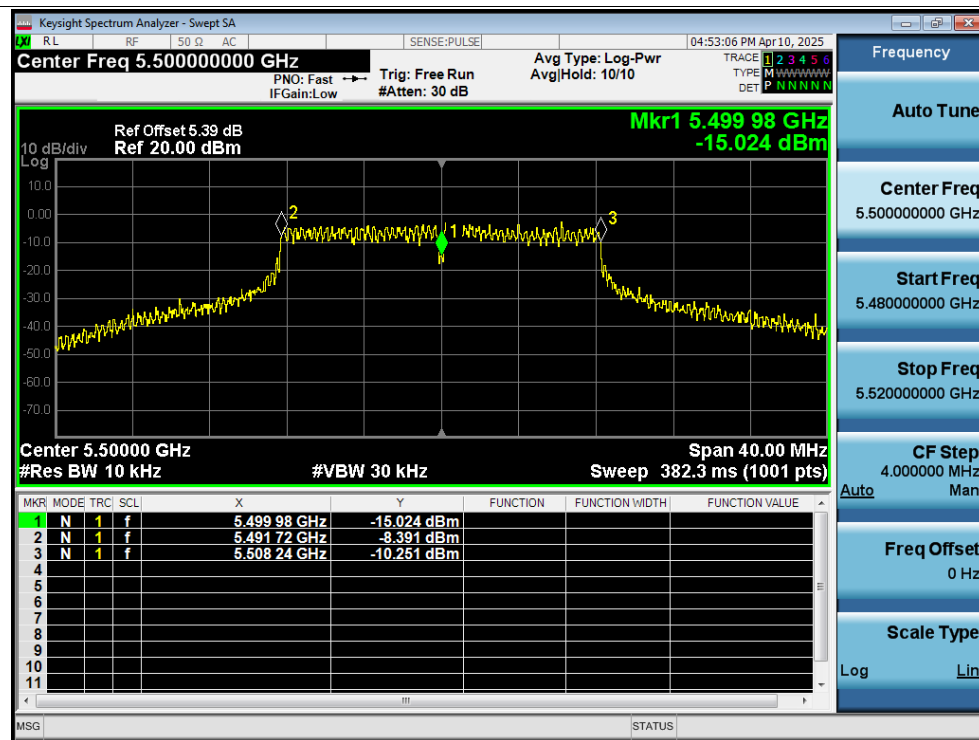
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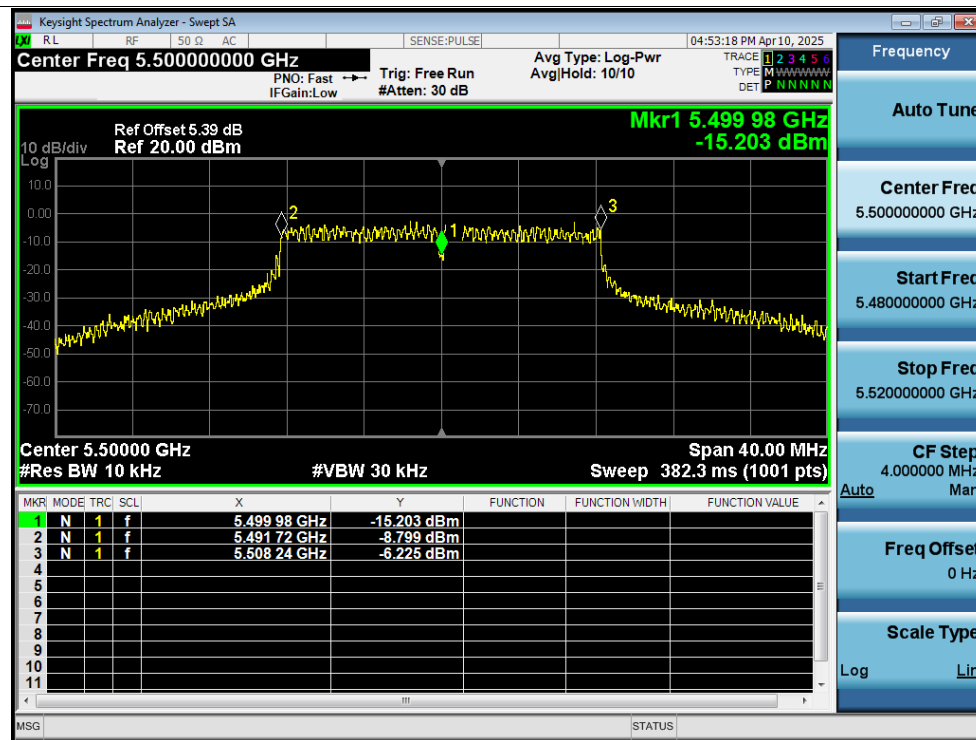
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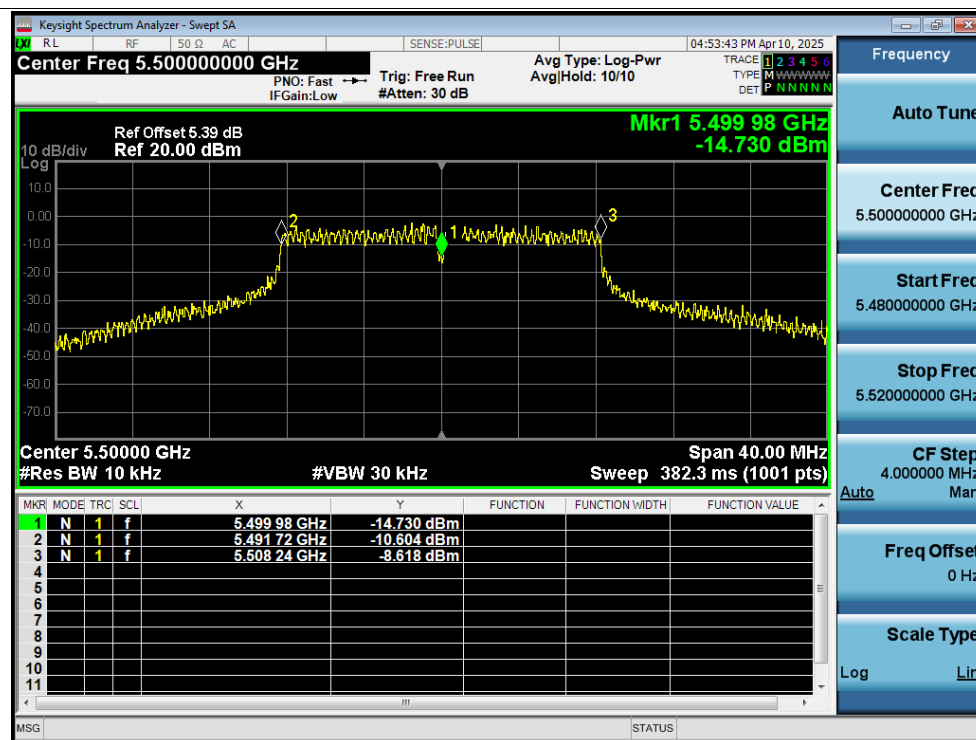
Freq. Stability 0C 12V a 5500MHz Ant3 0 Minutes



Freq. Stability 10C 12V a 5500MHz Ant3 0 Minutes



Freq. Stability 30C 12V a 5500MHz Ant3 0 Minutes



Keysight Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE 04:53:54 PM Apr 10, 2025

Center Freq 5.500000000 GHz PNO: Fast Trig: Free Run Avg Type: Log-Pwr
IF Gain: Low #Atten: 30 dB Avg/Hold: 10/10

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

Ref Offset 5.39 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 5.499 98 GHz
-15.600 dBm

Center 5.50000 GHz Span 40.00 MHz
#Res BW 10 kHz #VBW 30 kHz Sweep 382.3 ms (1001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.499 98 GHz	-15.600 dBm			
2	N	1	f	5.491 72 GHz	-9.361 dBm			
3	N	1	f	5.508 24 GHz	-8.912 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
5.500000000 GHz

Start Freq
5.480000000 GHz

Stop Freq
5.520000000 GHz

CF Step
4.000000 MHz
Man

Auto

Freq Offset
0 Hz

Scale Type
Log Lin

Keysight Spectrum Analyzer - Swept SA
 RL RF 50 Ω AC SENSE:PULSE 04:54:06 PM Apr 10, 2025
Center Freq 5.500000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr
 IF Gain: Low #Atten: 30 dB Avg Hold: 10/10
 TRACE 1 2 3 4 5 6
 TYPE M W W W W W
 DET P N N N N N

Ref Offset 5.39 dB
 Ref 20.00 dBm
 Mkr1 5.499 98 GHz
 -11.679 dBm

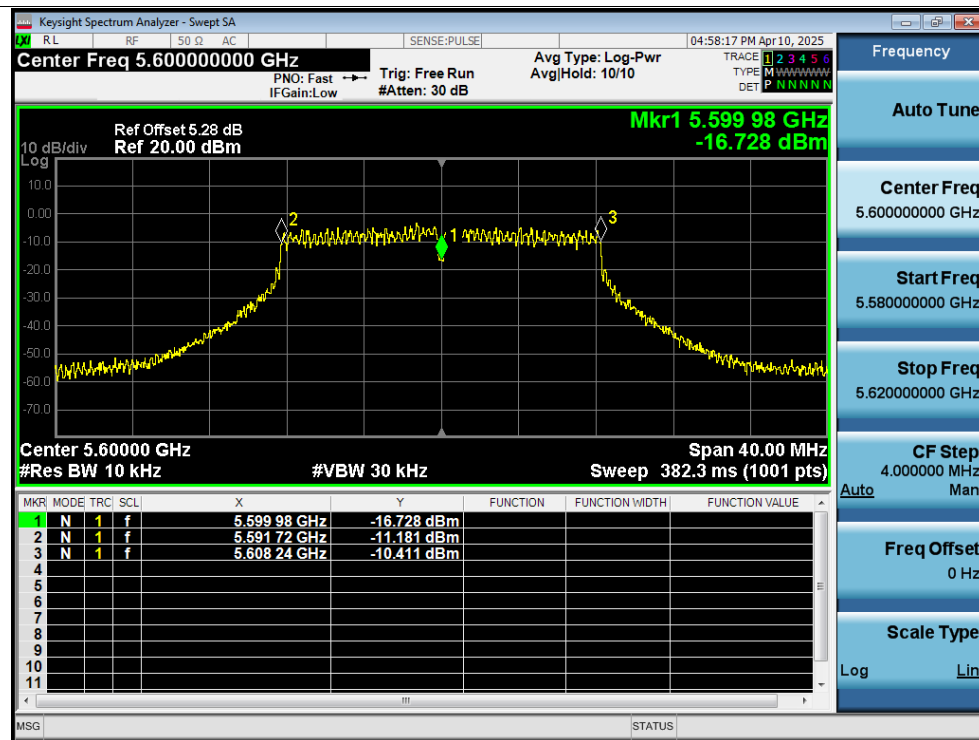
10 dB/div Log
 Center Freq 5.50000 GHz Span 40.00 MHz
 #Res BW 10 kHz #VBW 30 kHz Sweep 382.3 ms (1001 pts)

Mkr	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.499 98 GHz	-11.679 dBm			
2	N	1	f	5.491 72 GHz	-10.759 dBm			
3	N	1	f	5.508 24 GHz	-10.325 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

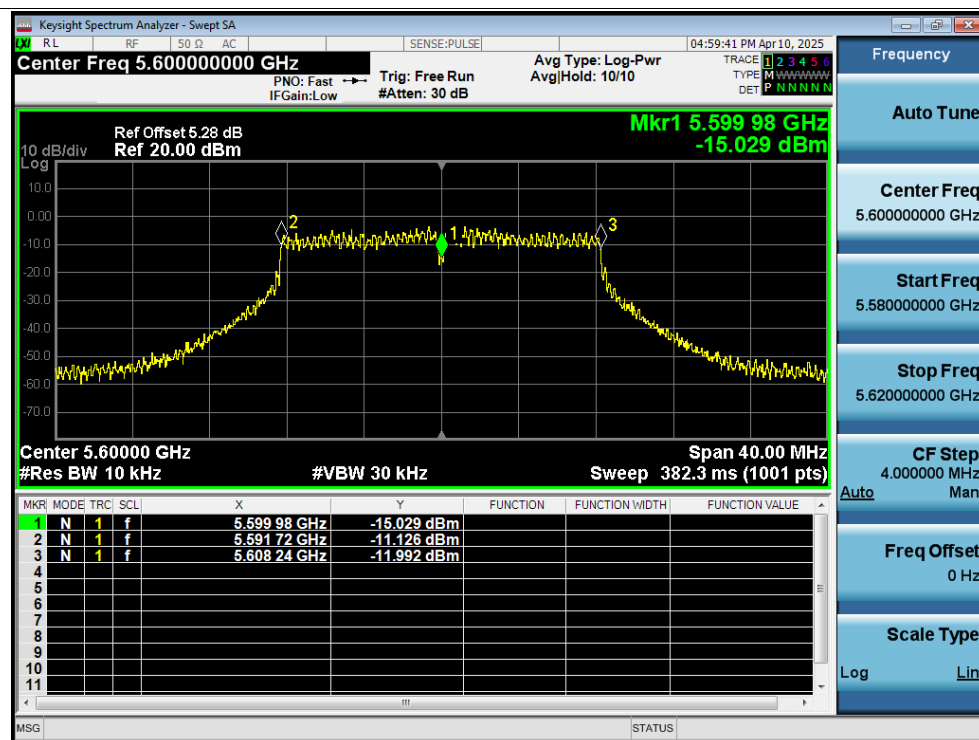
MSG STATUS

Frequency
 Auto Tune
 Center Freq 5.500000000 GHz
 Start Freq 5.480000000 GHz
 Stop Freq 5.520000000 GHz
 CF Step 4.000000 MHz Man
 Auto
 Freq Offset 0 Hz
 Scale Type Log Lin

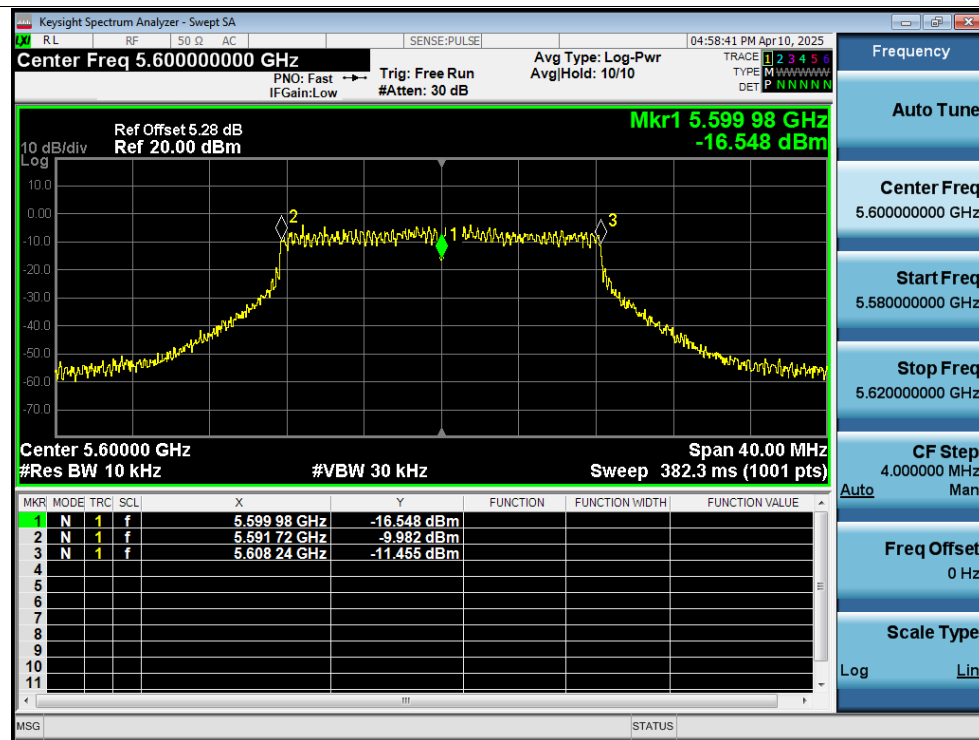
Freq. Stability 20C 10.2V a 5600MHz Ant3 0 Minutes



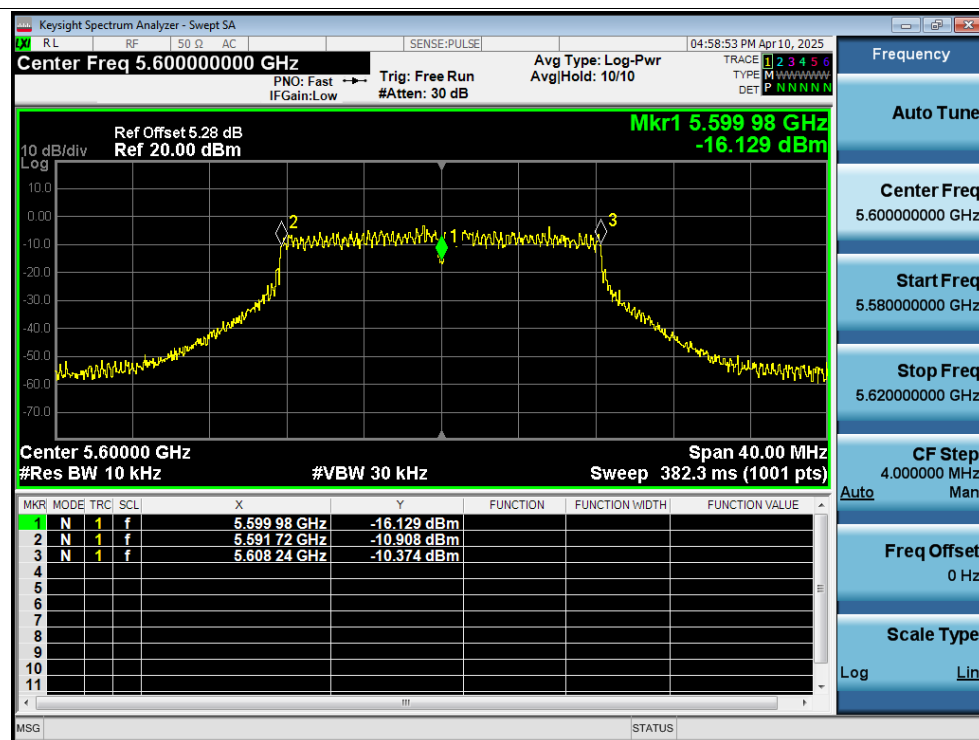
Freq. Stability 20C 12V a 5600MHz Ant3 0 Minutes



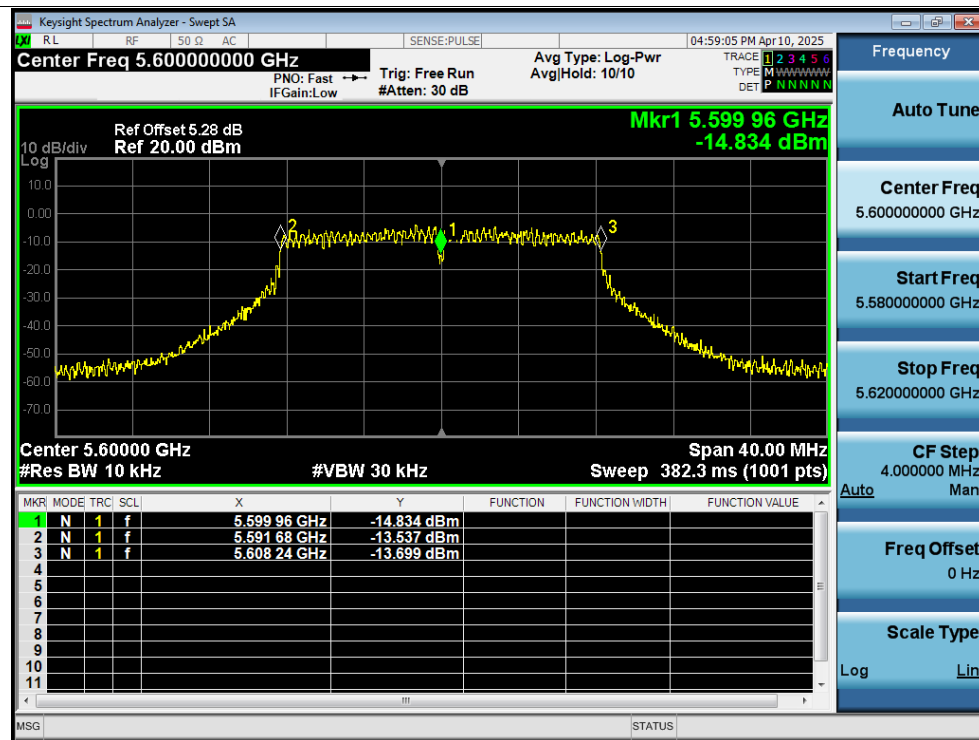
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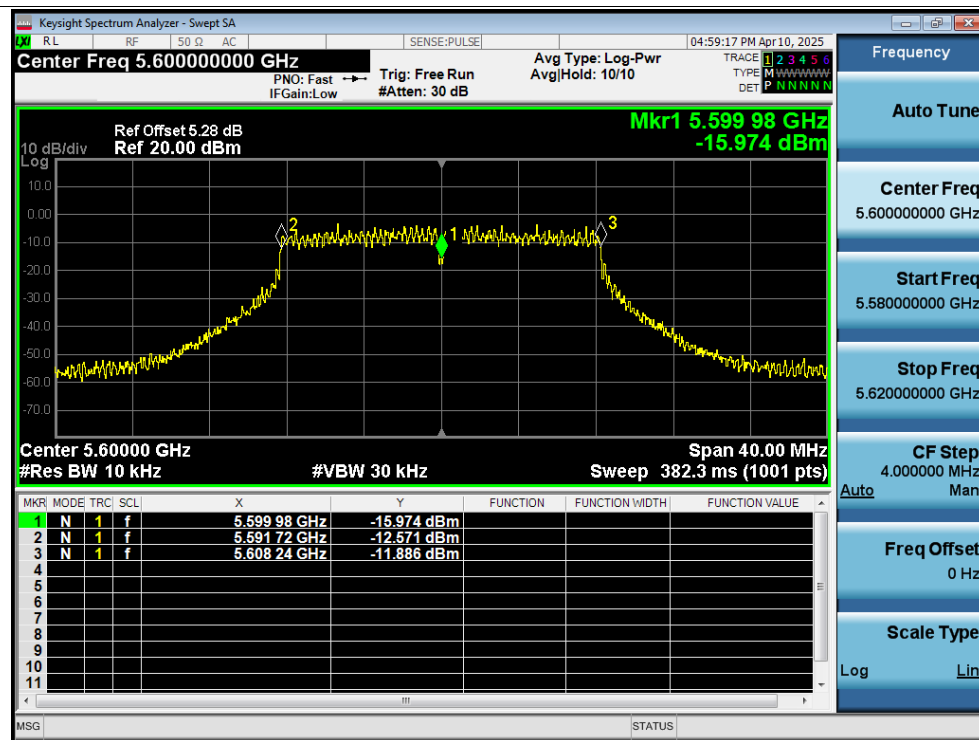
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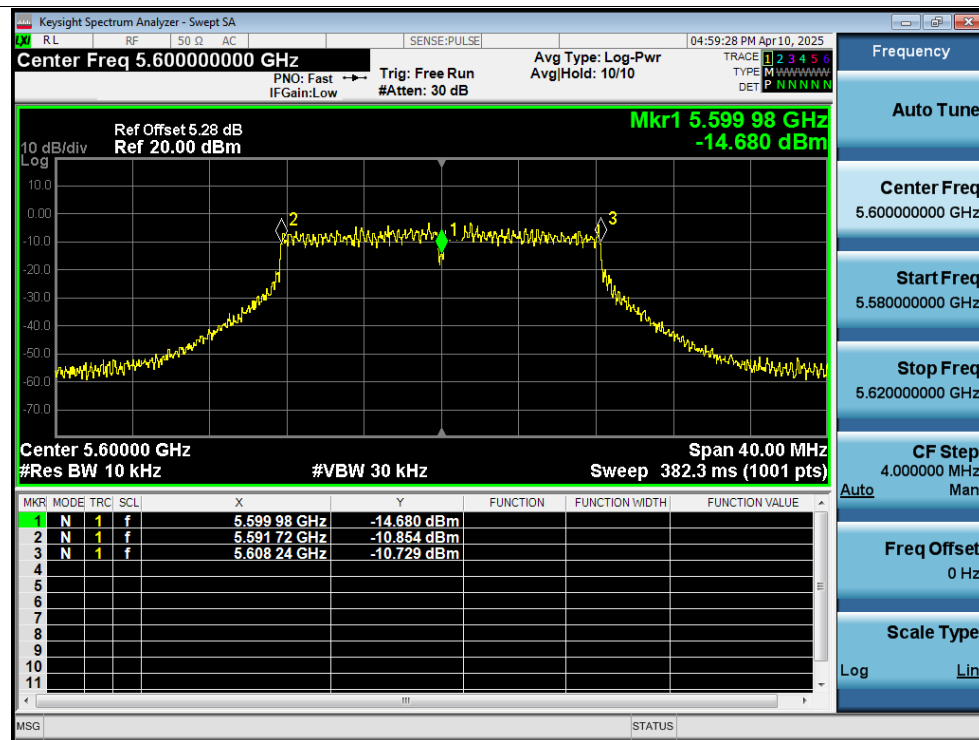
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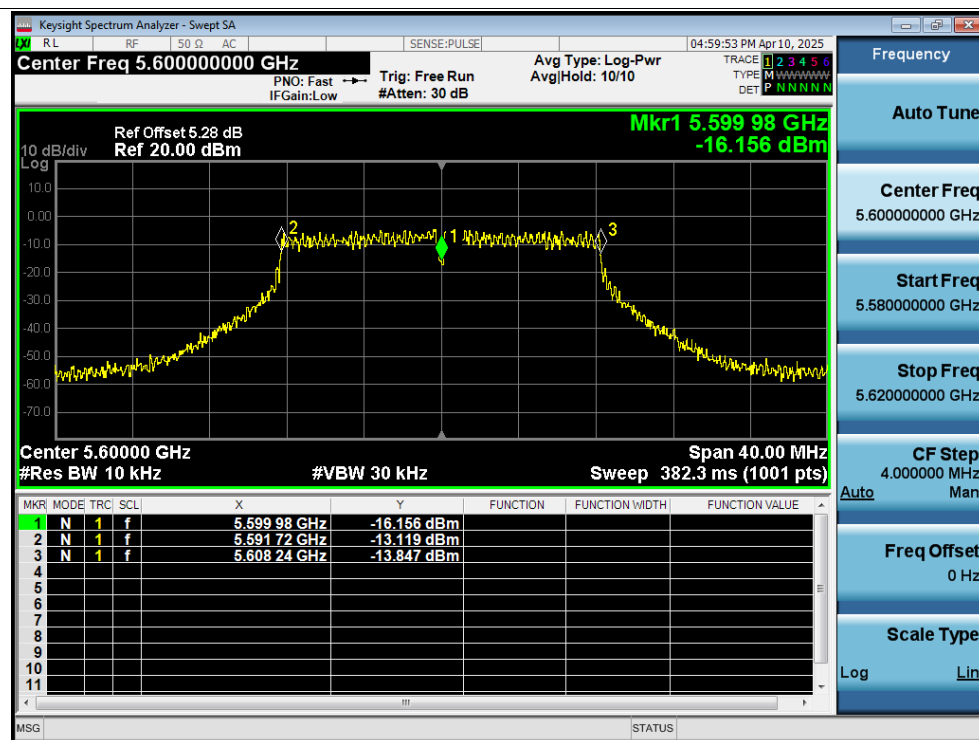
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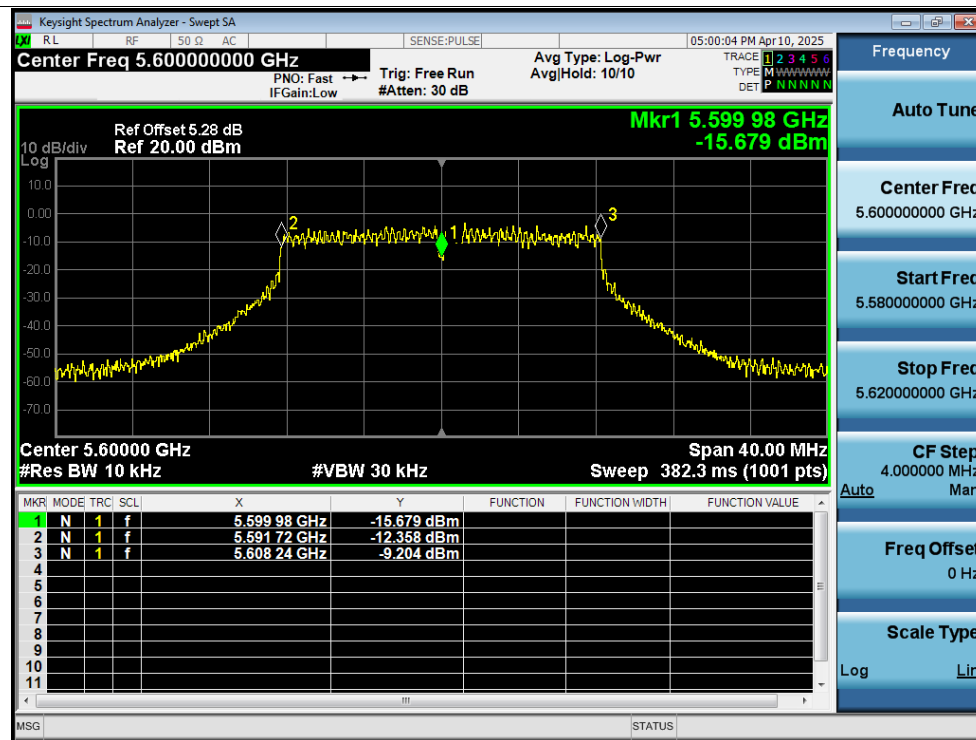
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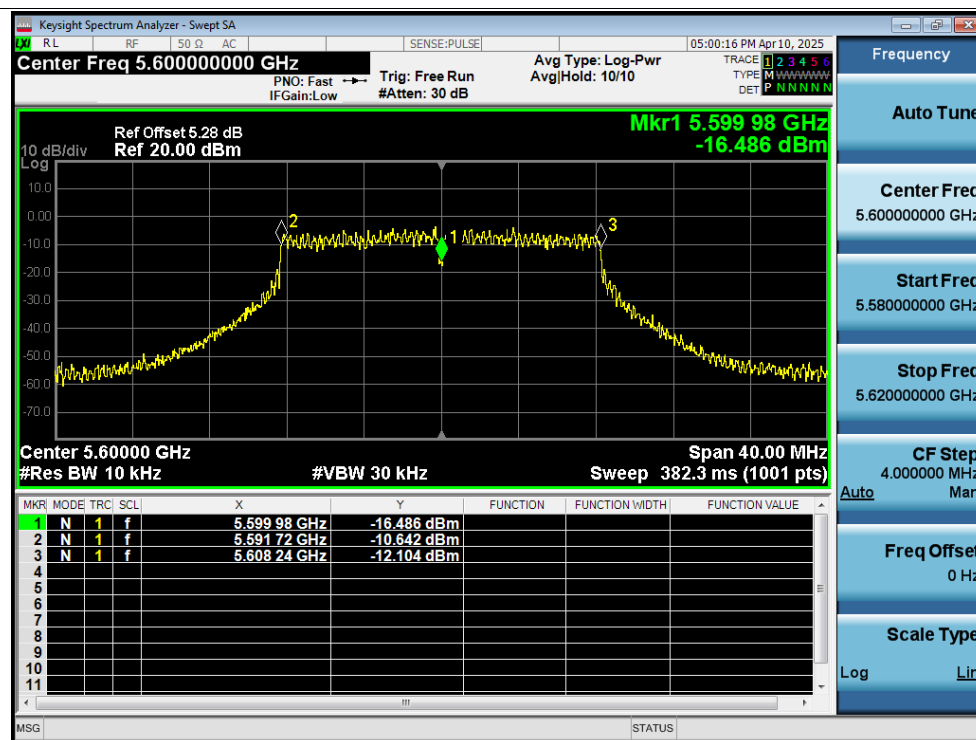
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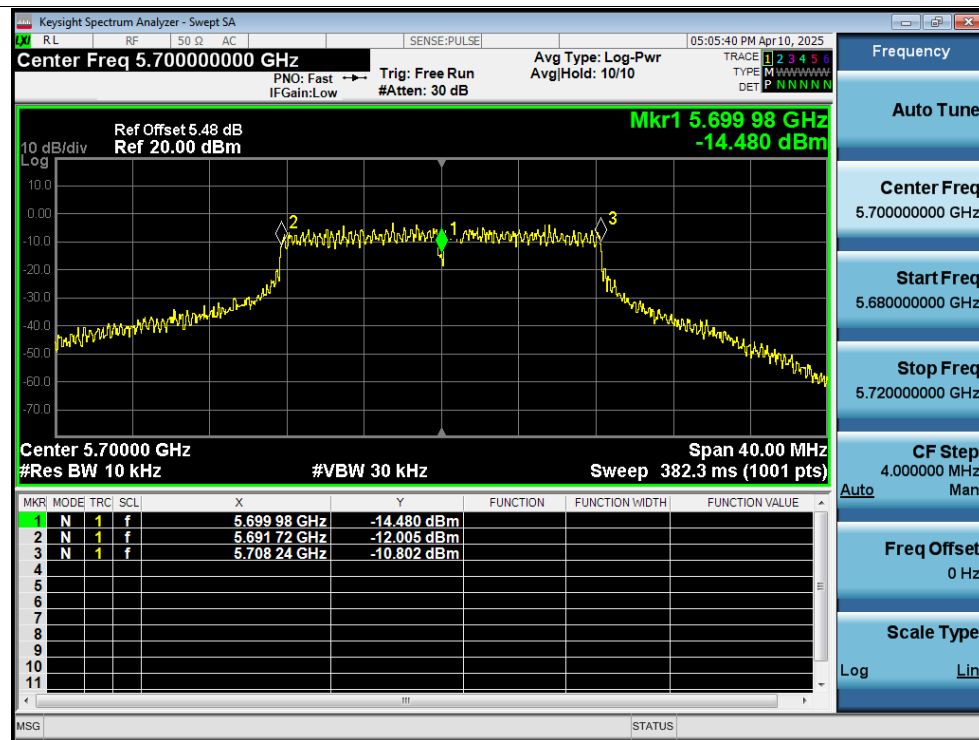
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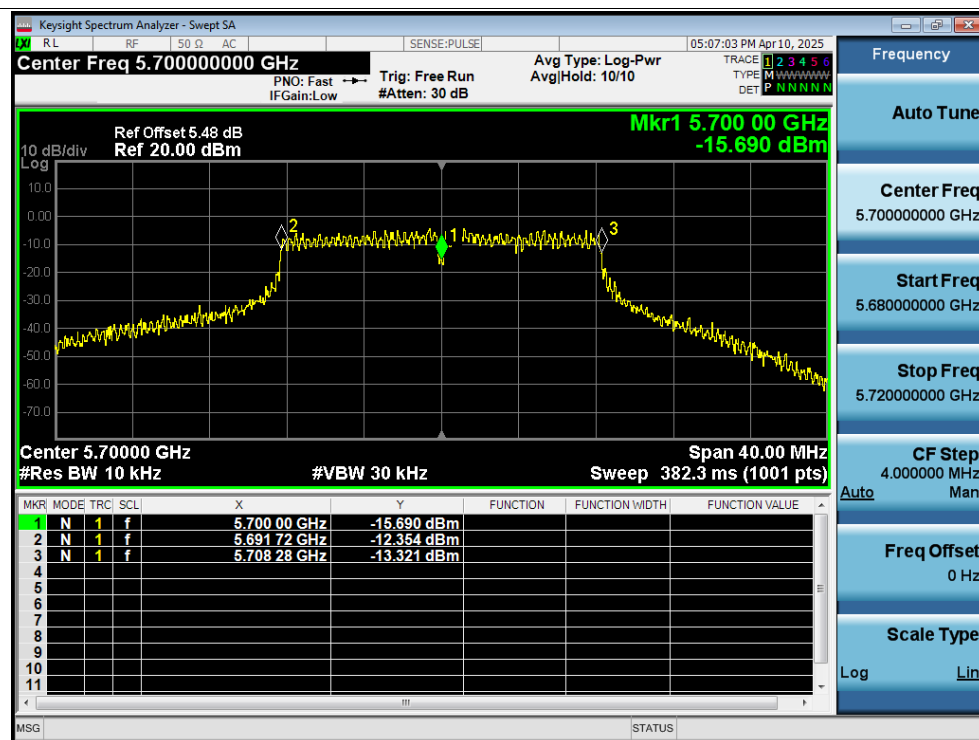
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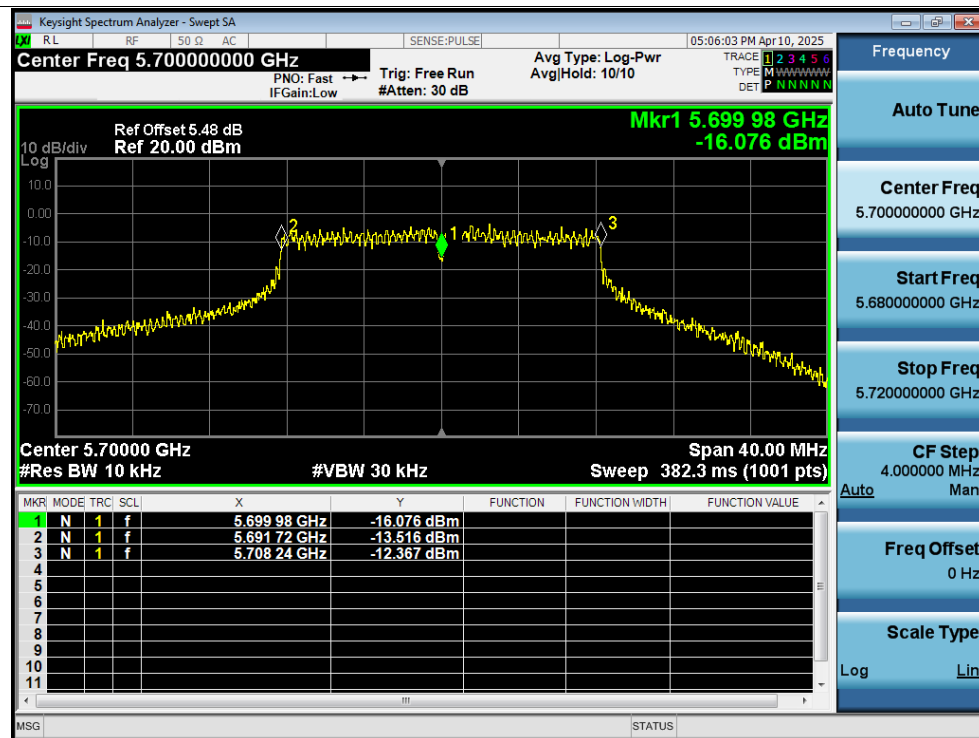
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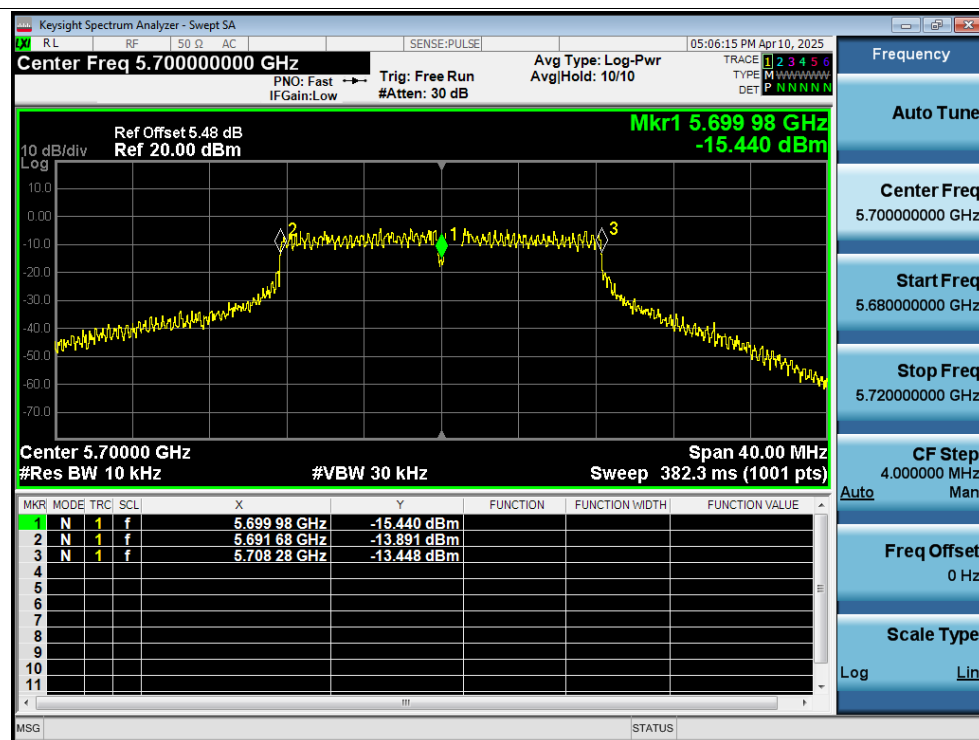
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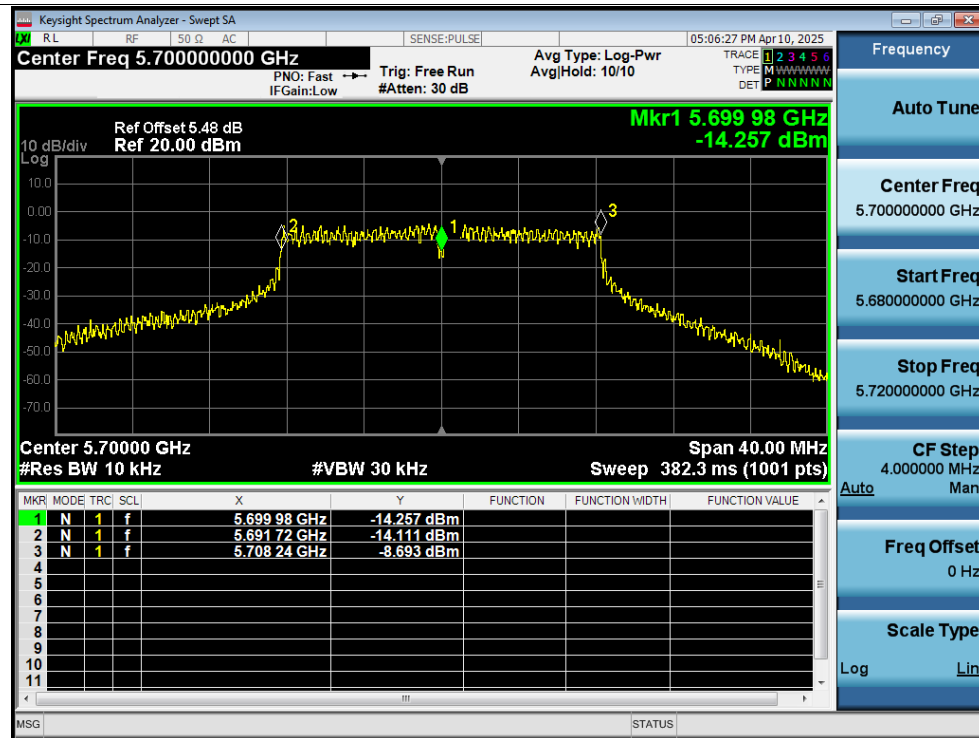
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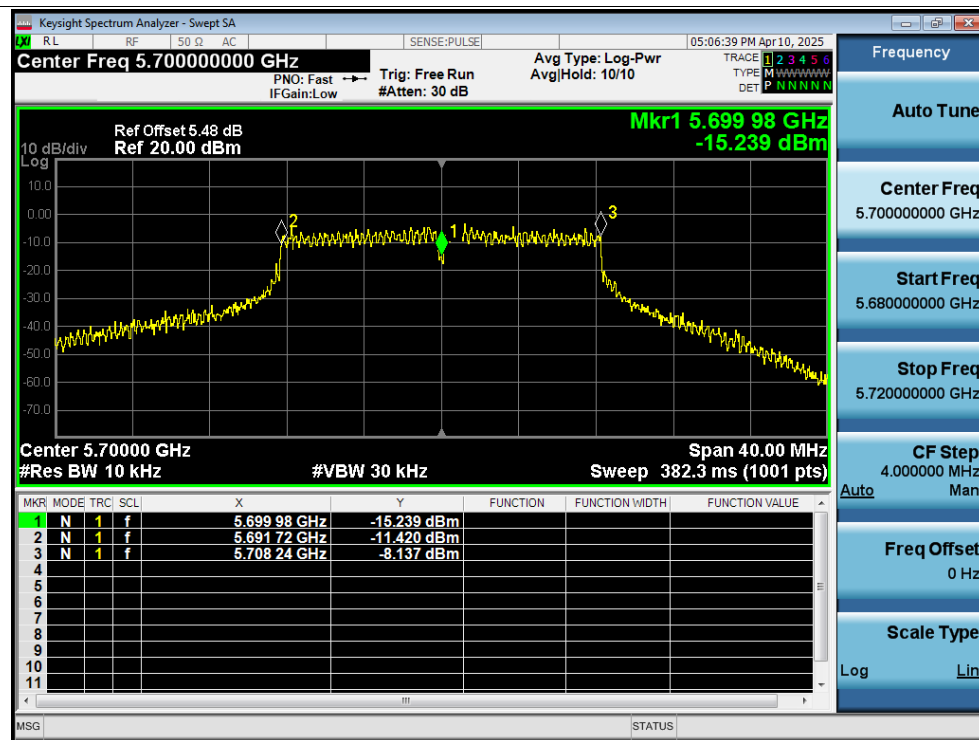
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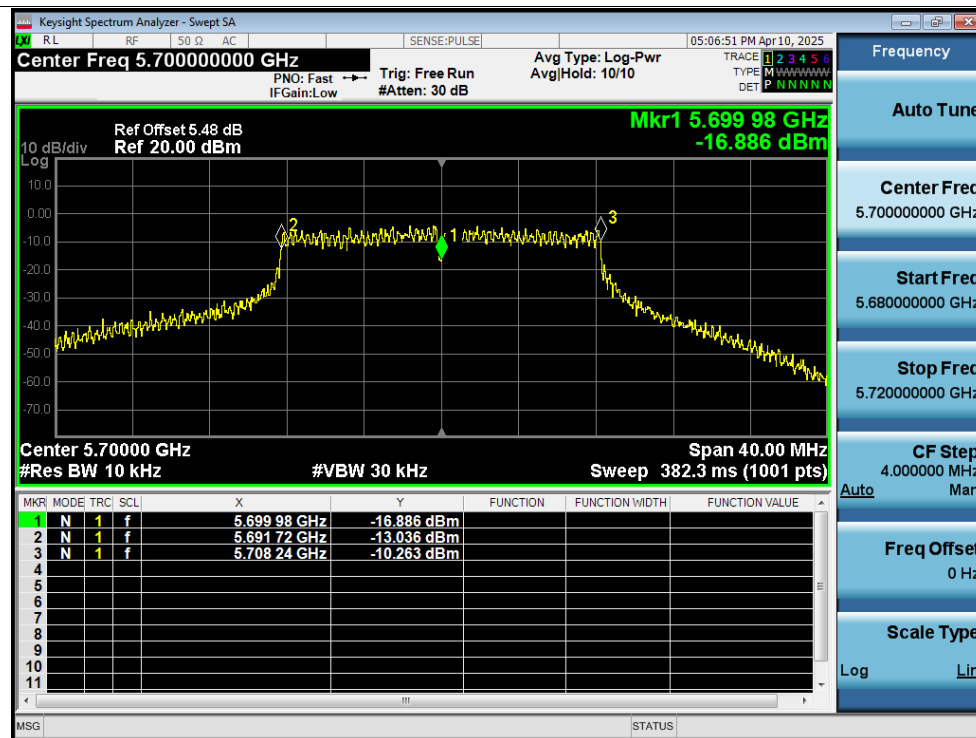
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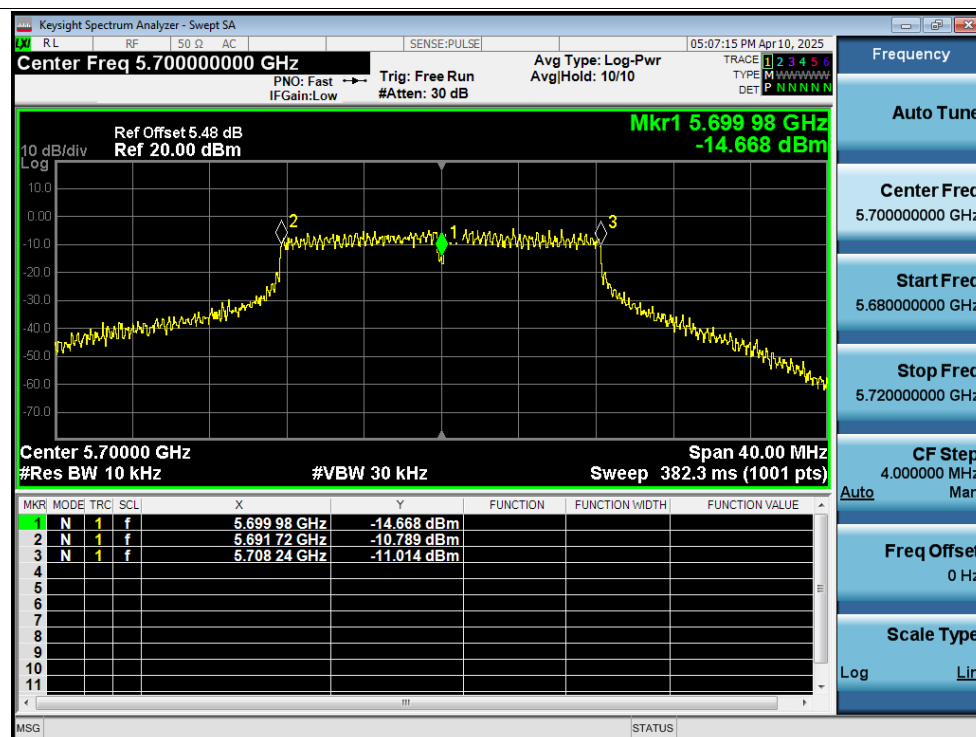
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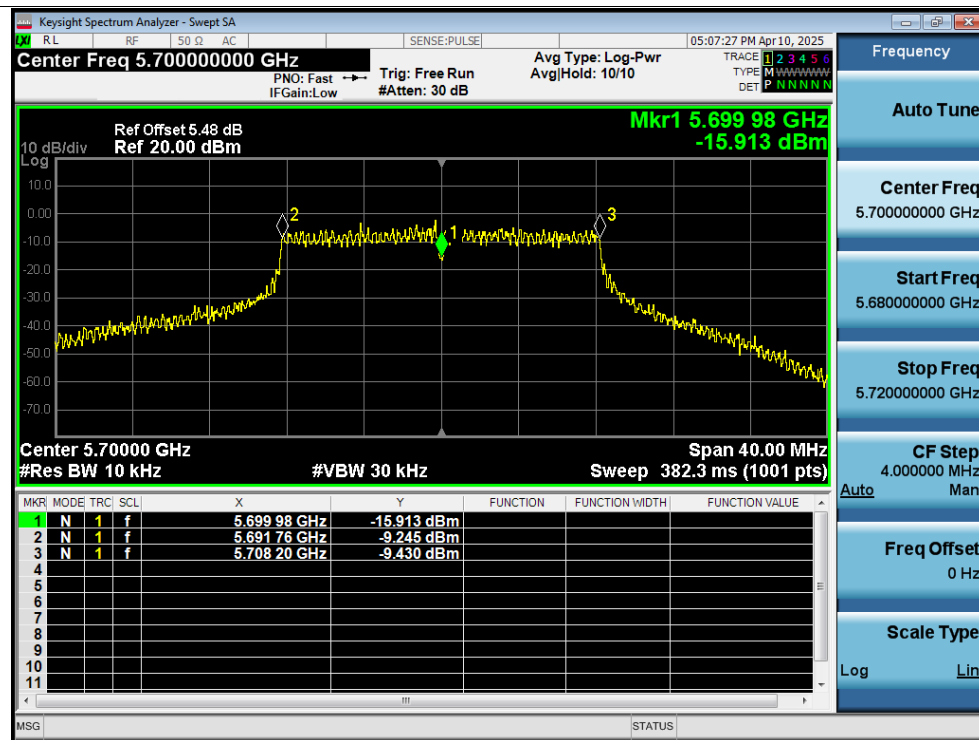
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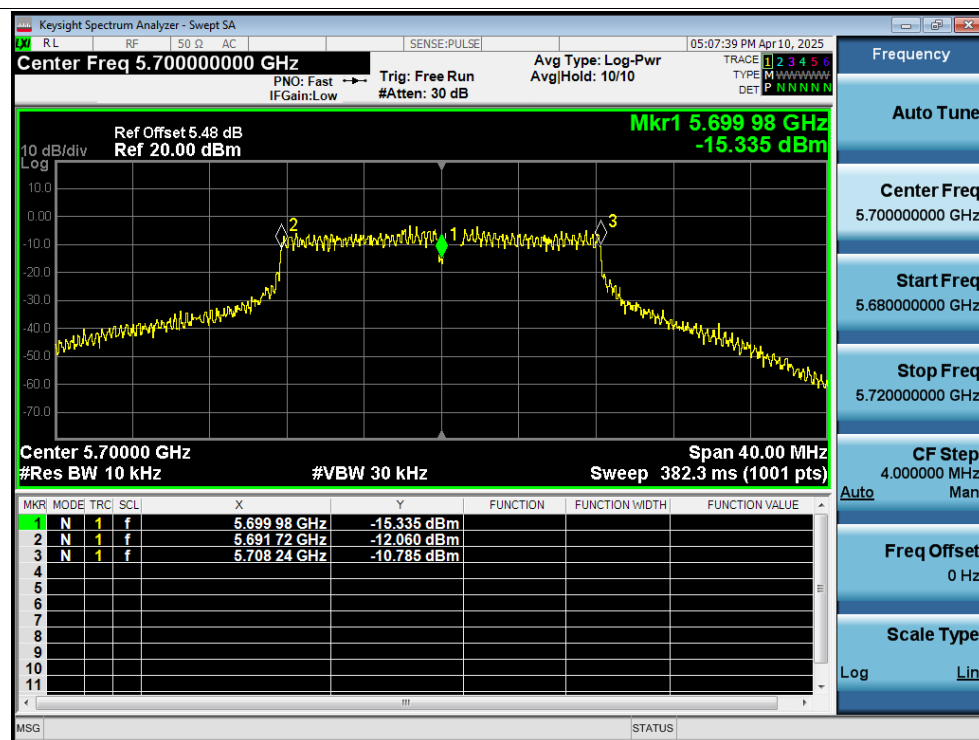
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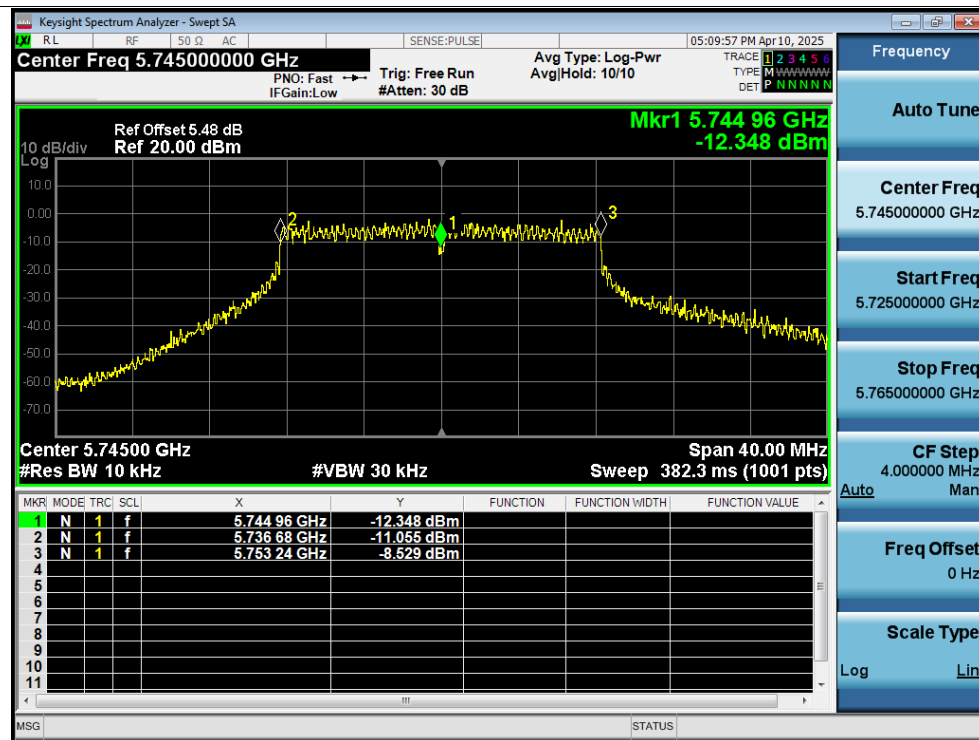
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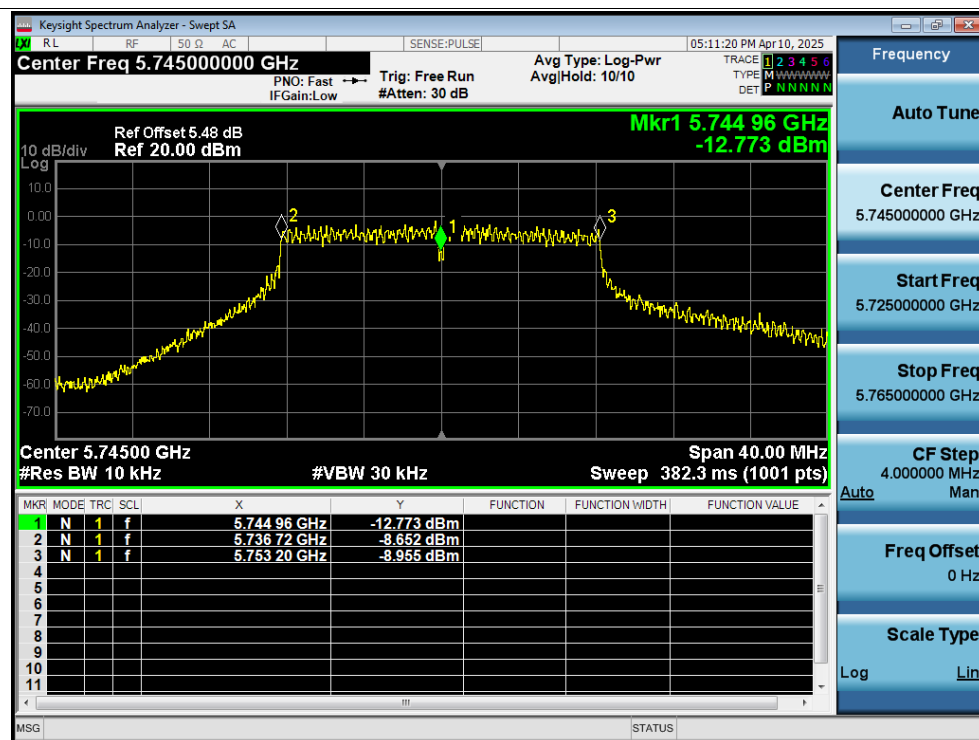
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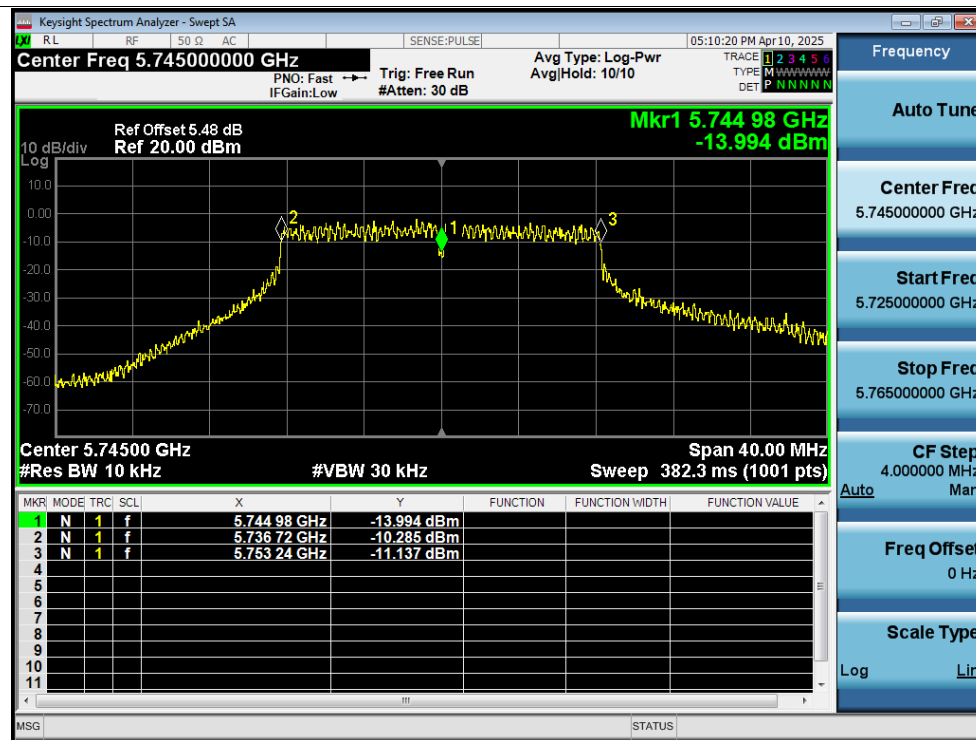
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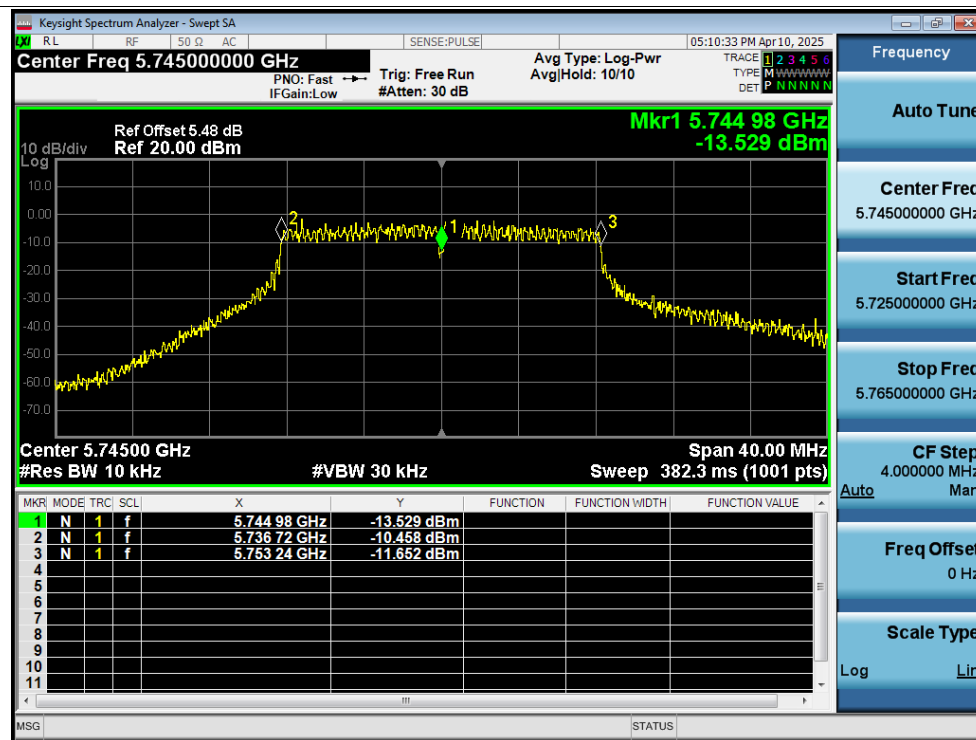
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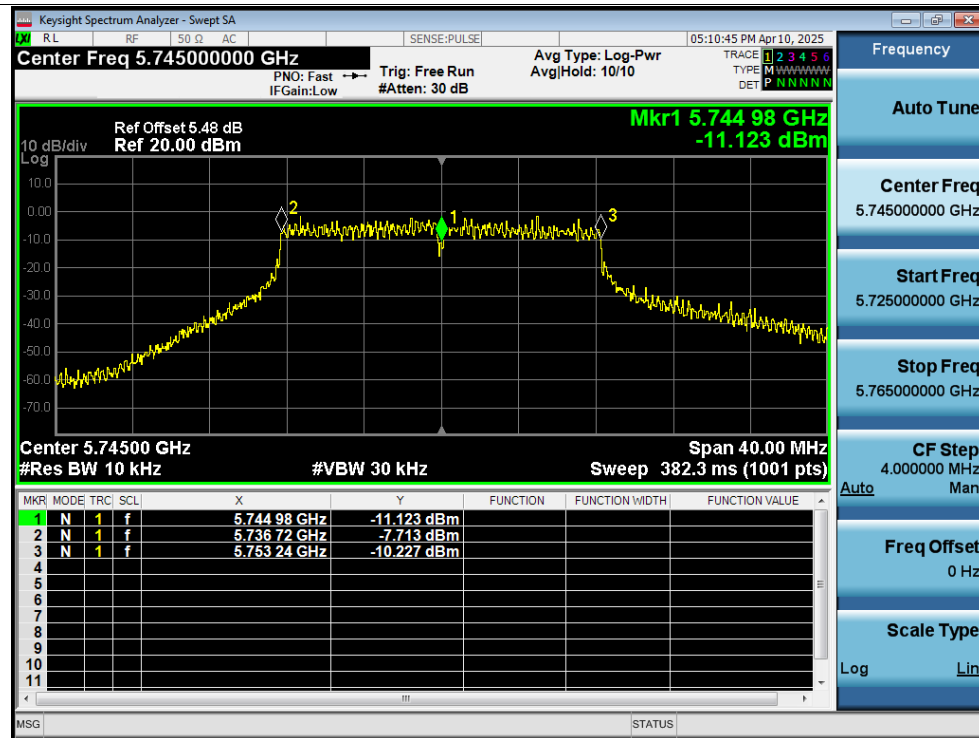
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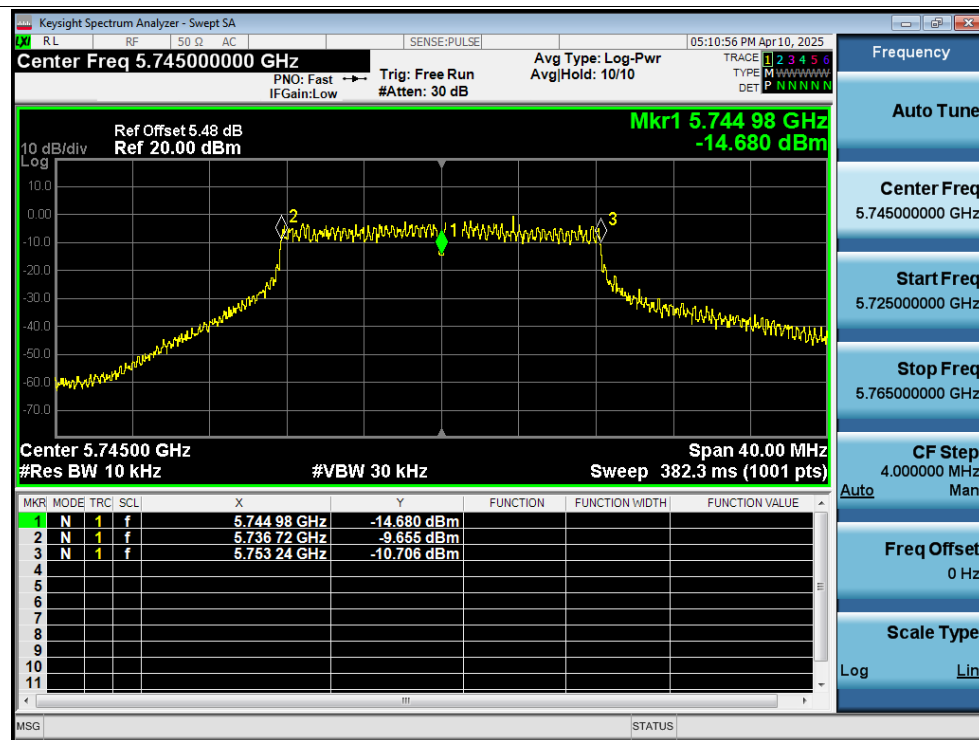
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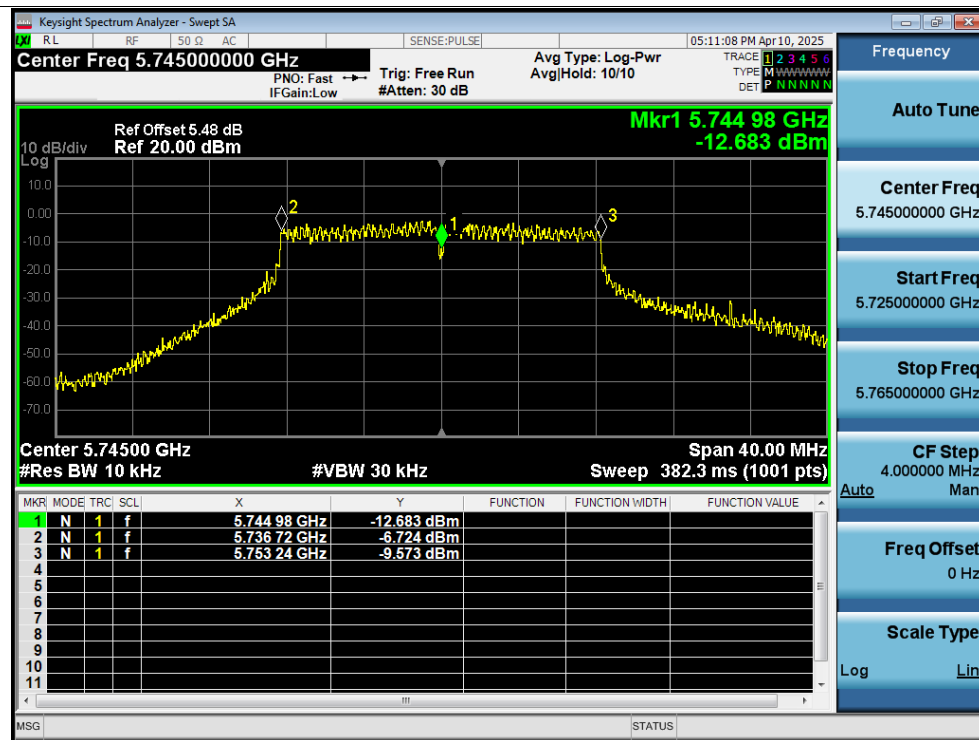
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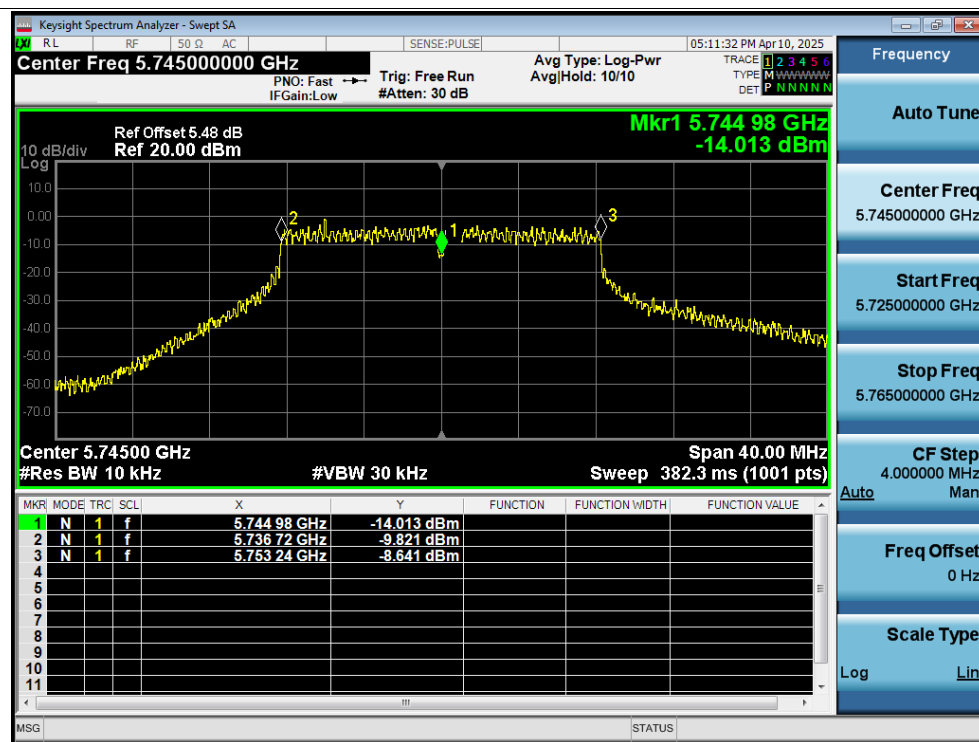
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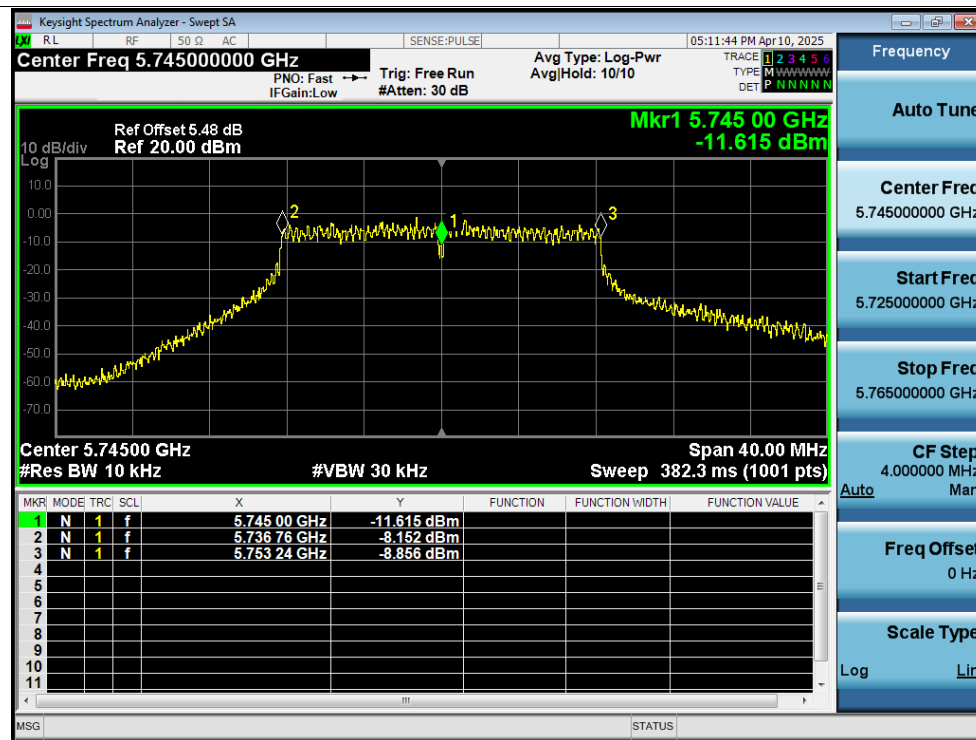
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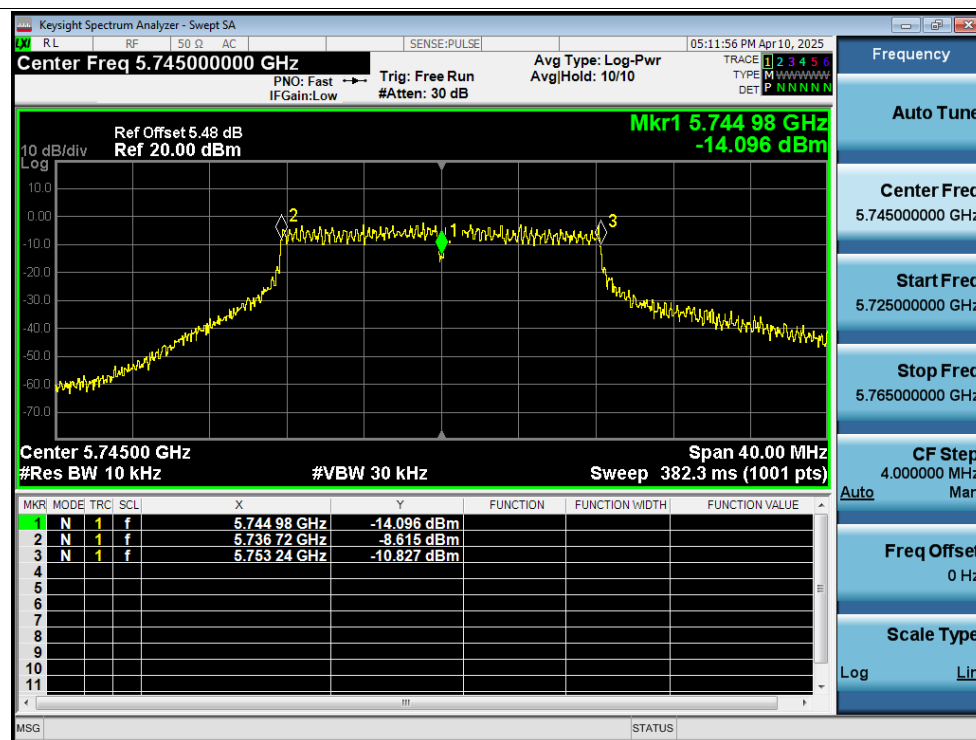
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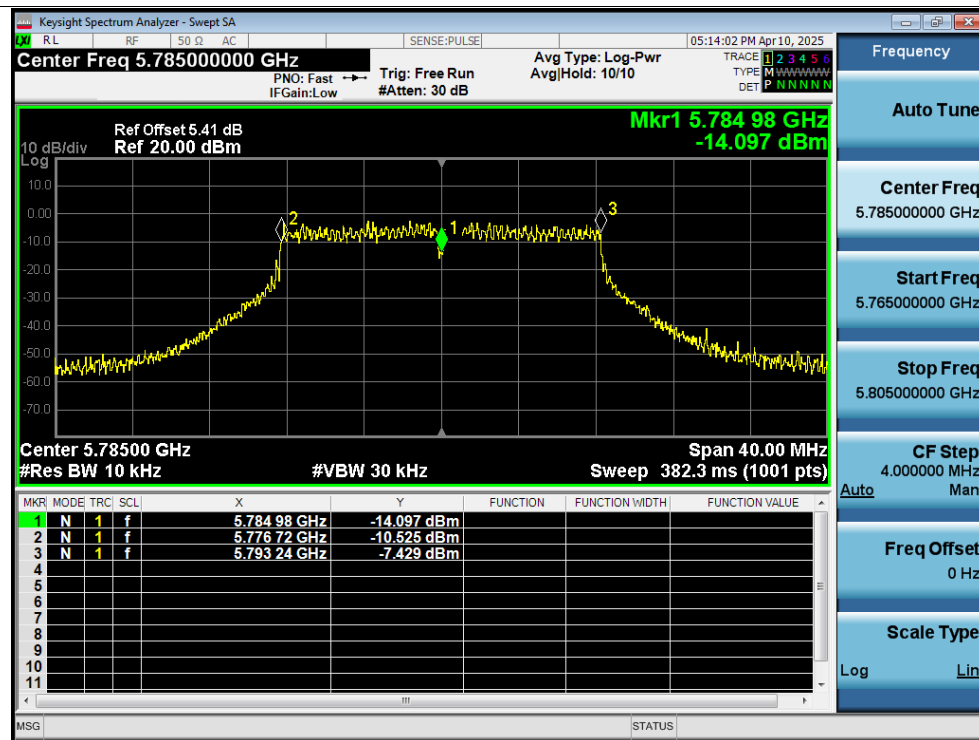
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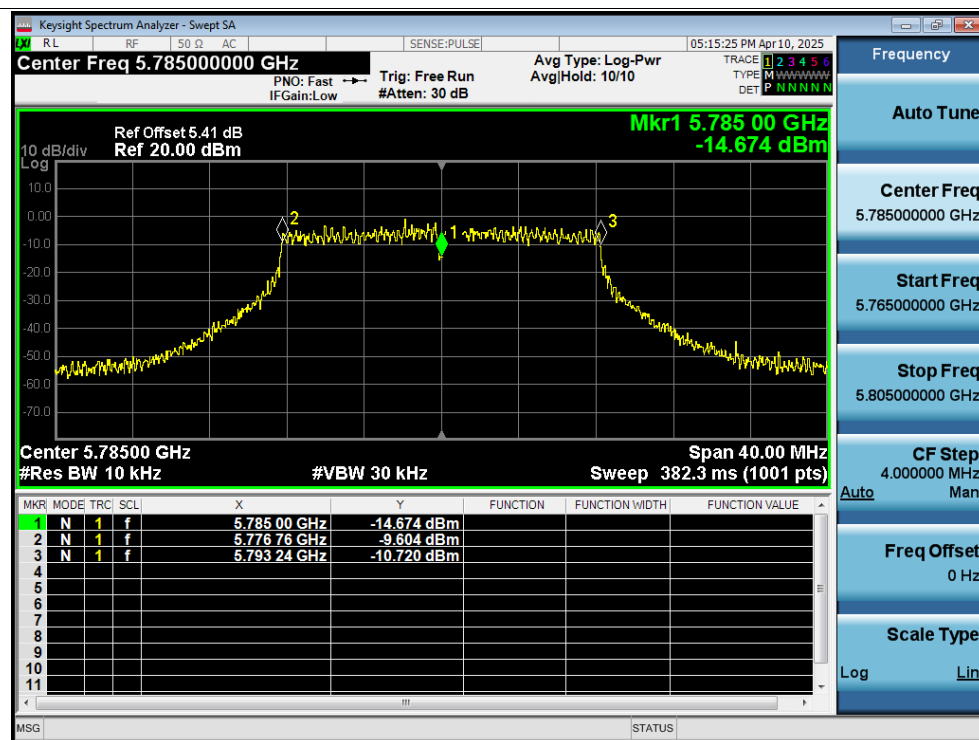
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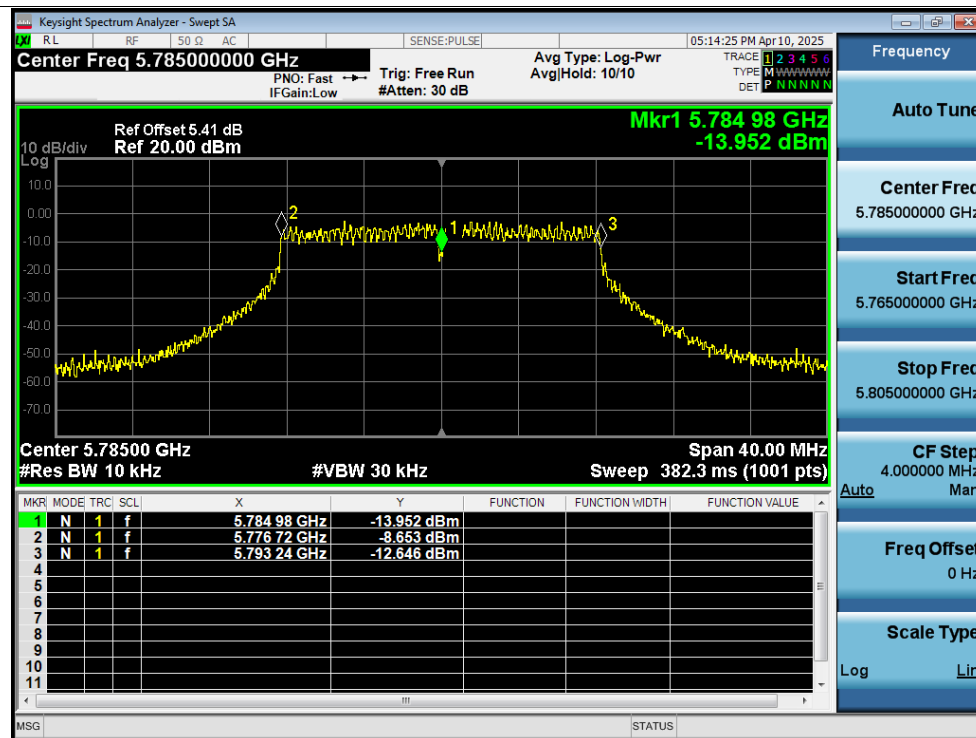
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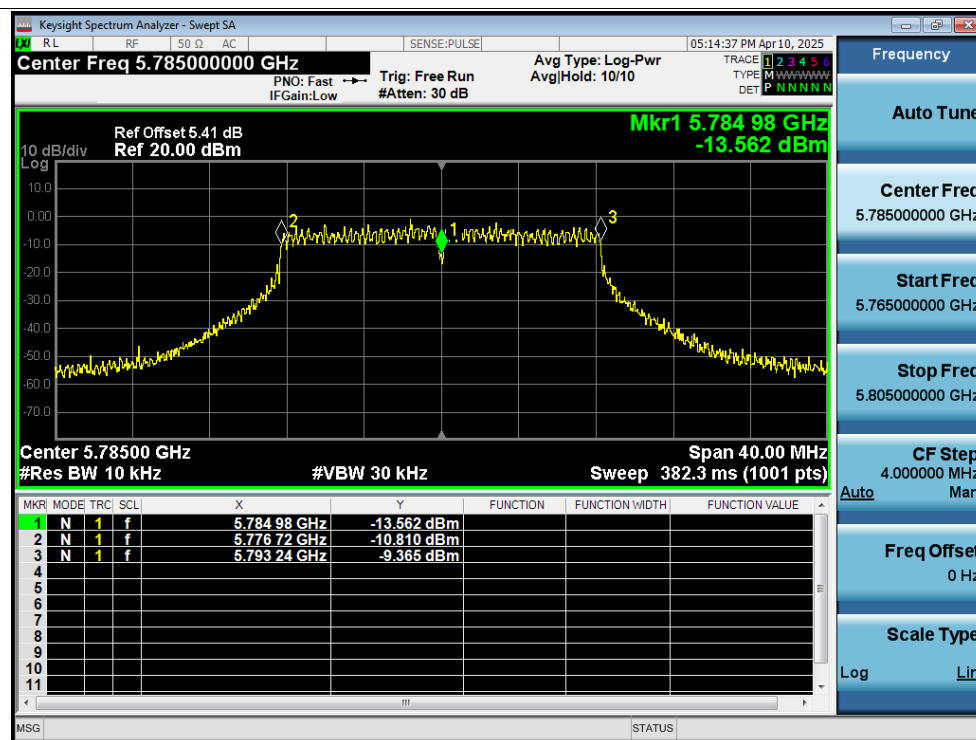
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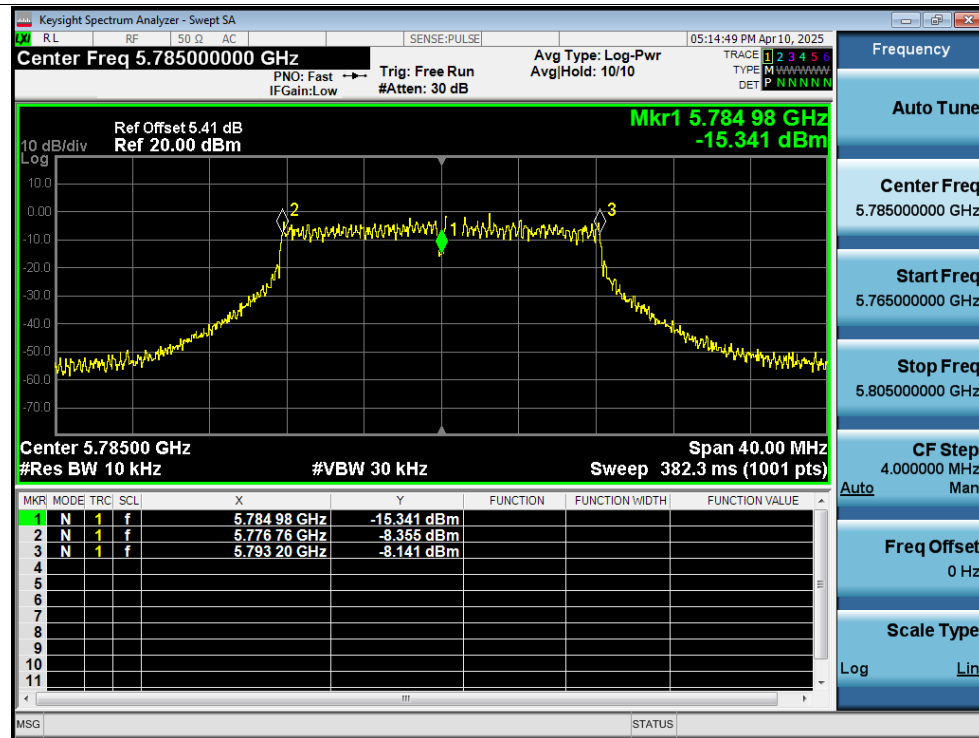
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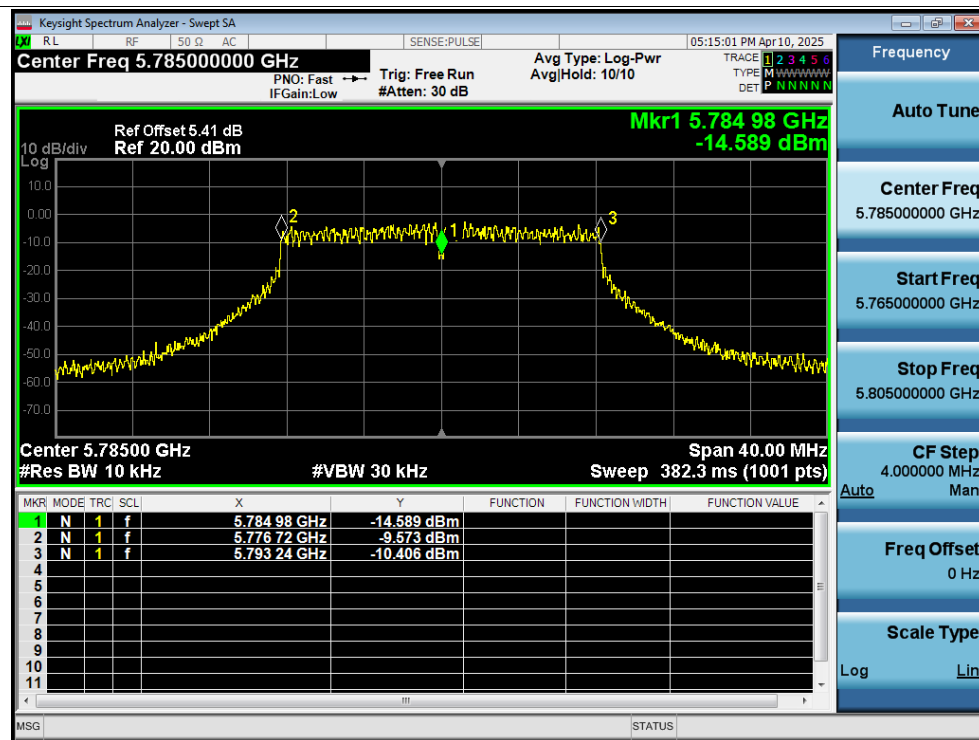
Freq. Stability -20C 12V a 5785MHz Ant3 0 Minutes



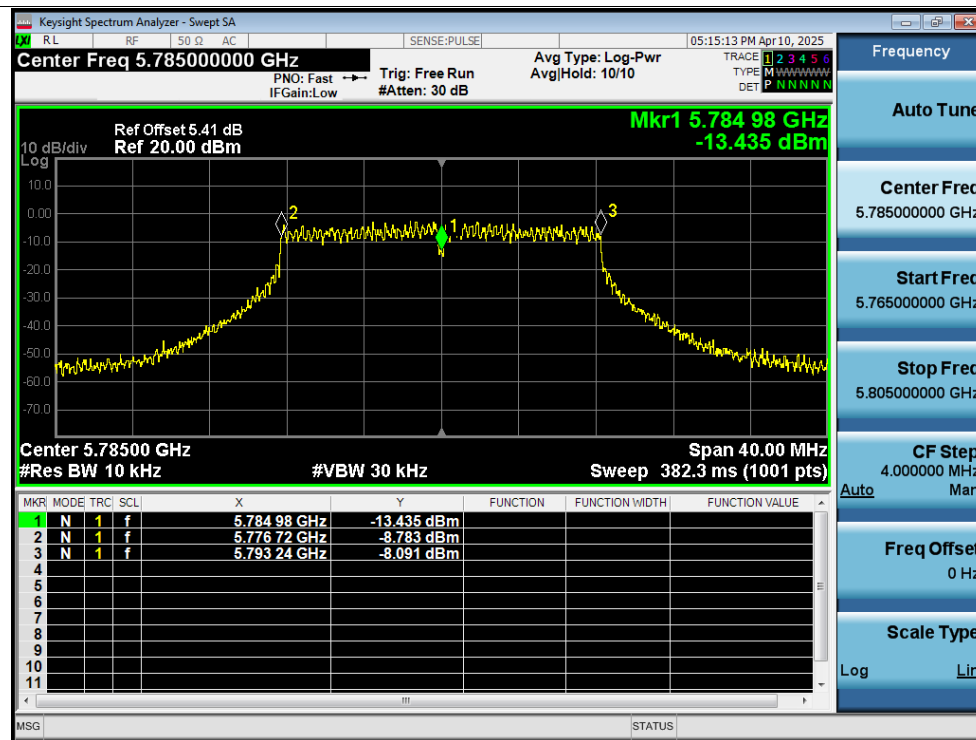
Freq. Stability -10C 12V a 5785MHz Ant3 0 Minutes



Freq. Stability 0C 12V a 5785MHz Ant3 0 Minutes



Freq. Stability 10C 12V a 5785MHz Ant3 0 Minutes



Freq. Stability 30C 12V a 5785MHz Ant3 0 Minutes

