

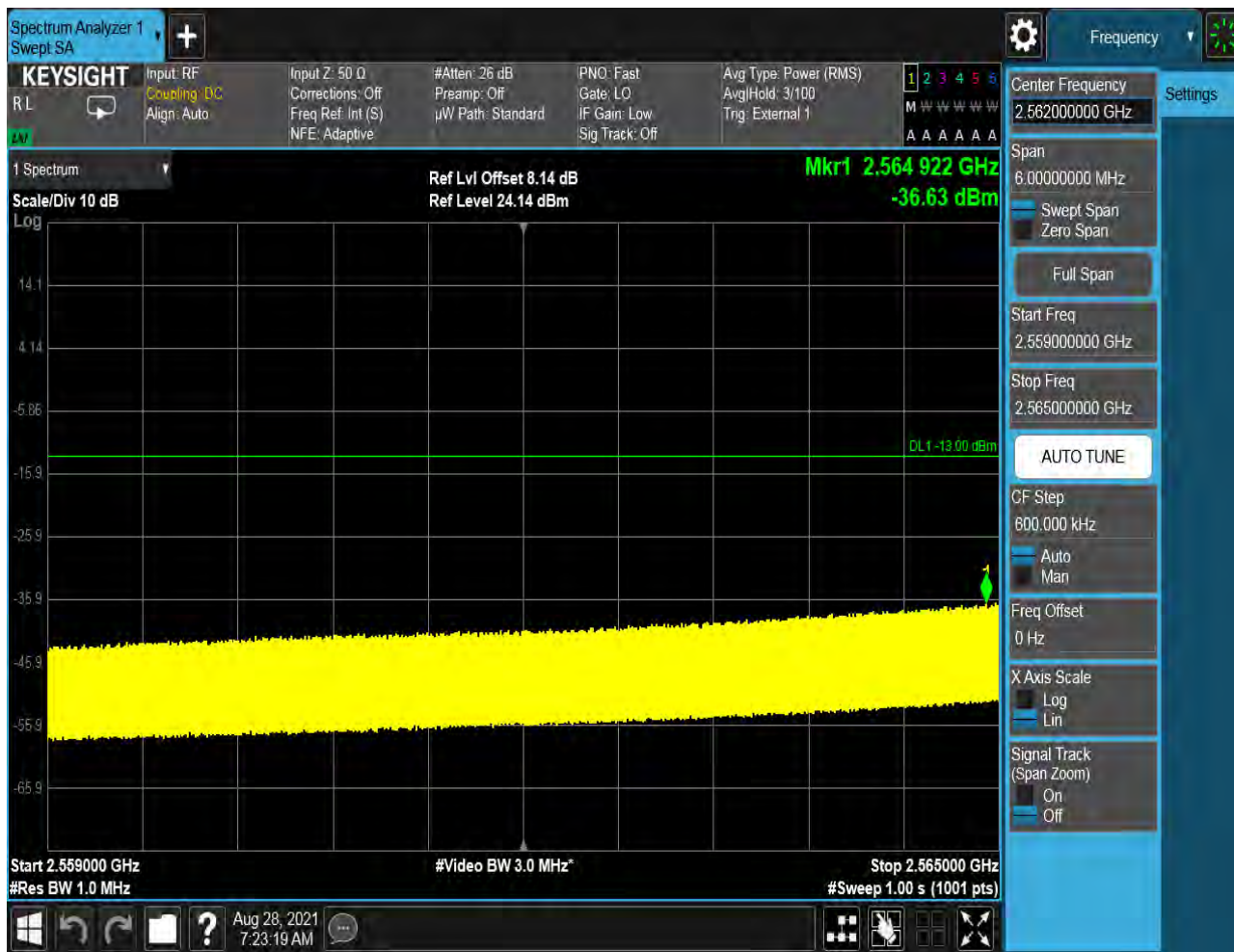


5.1.1.2 Test Mode = LTE/TM2

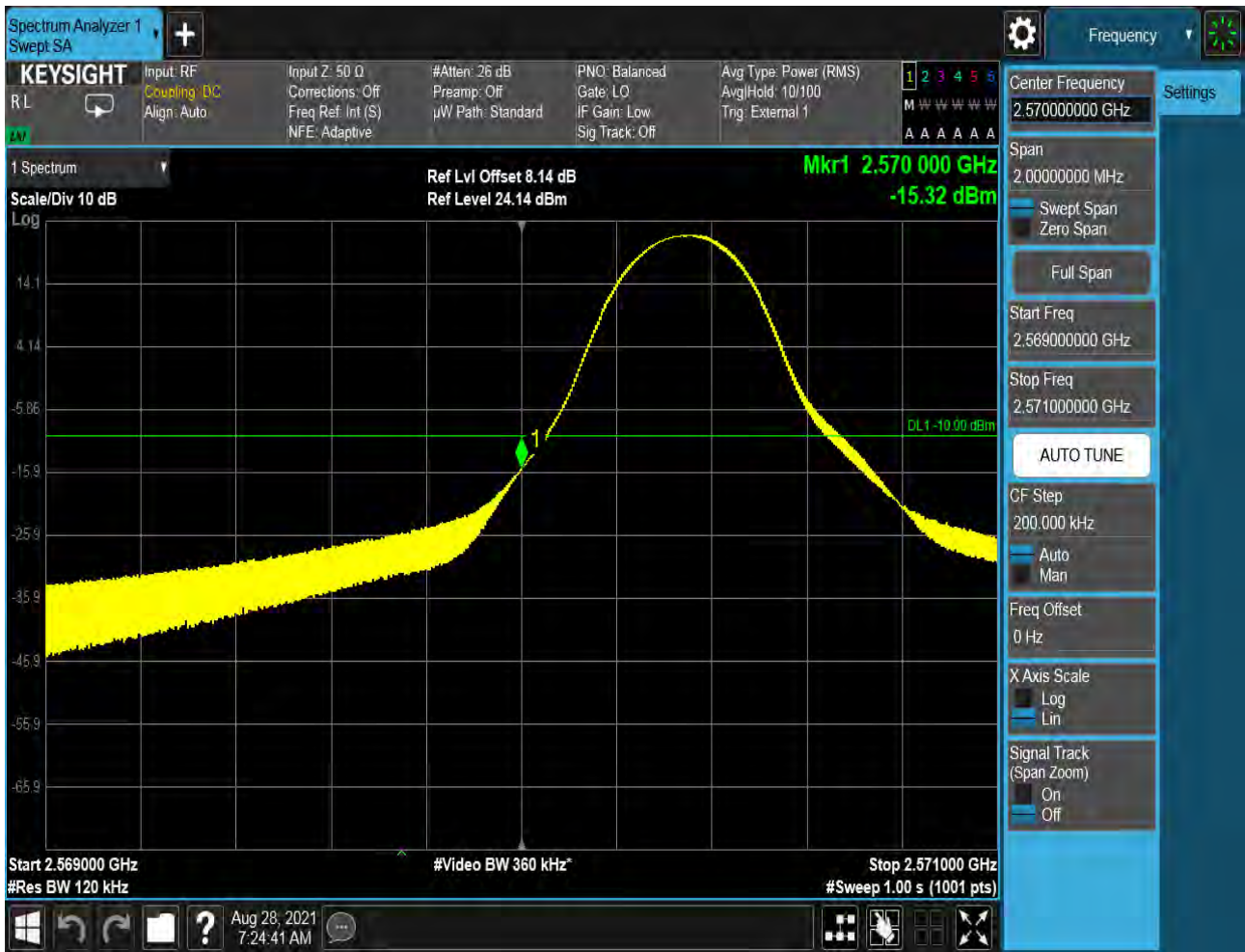
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

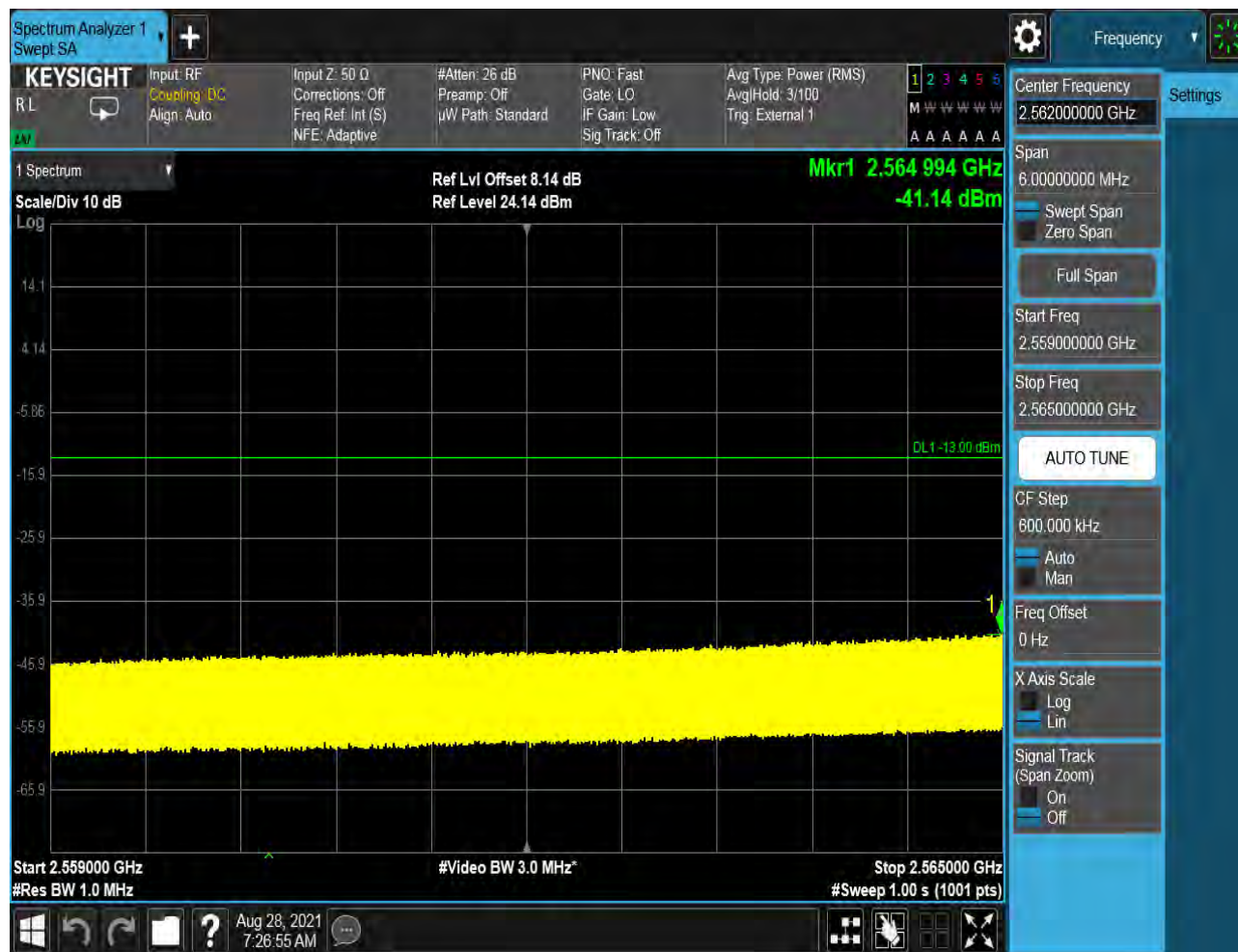
5.1.1.2.1.1.1 Test RB = RB1#0

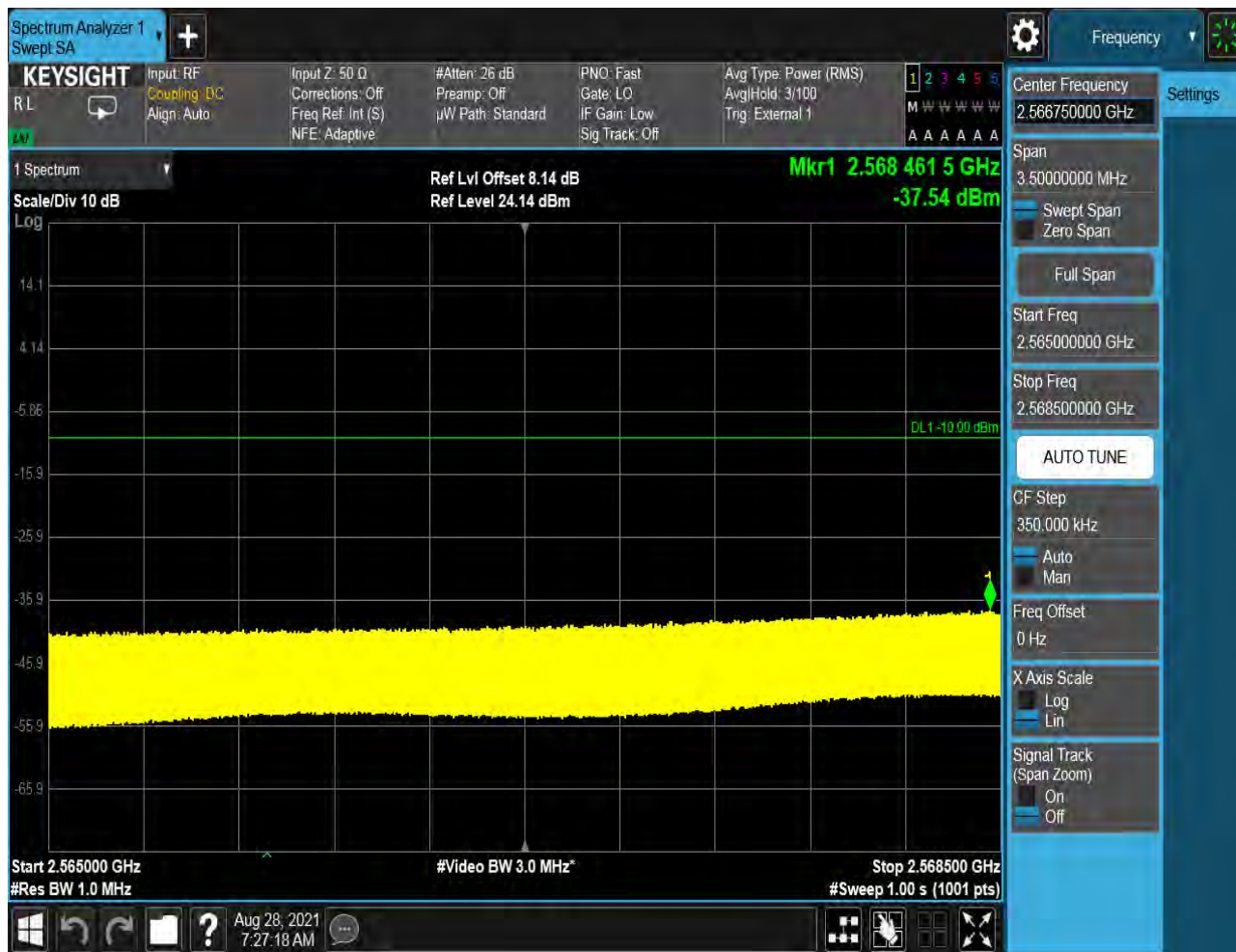


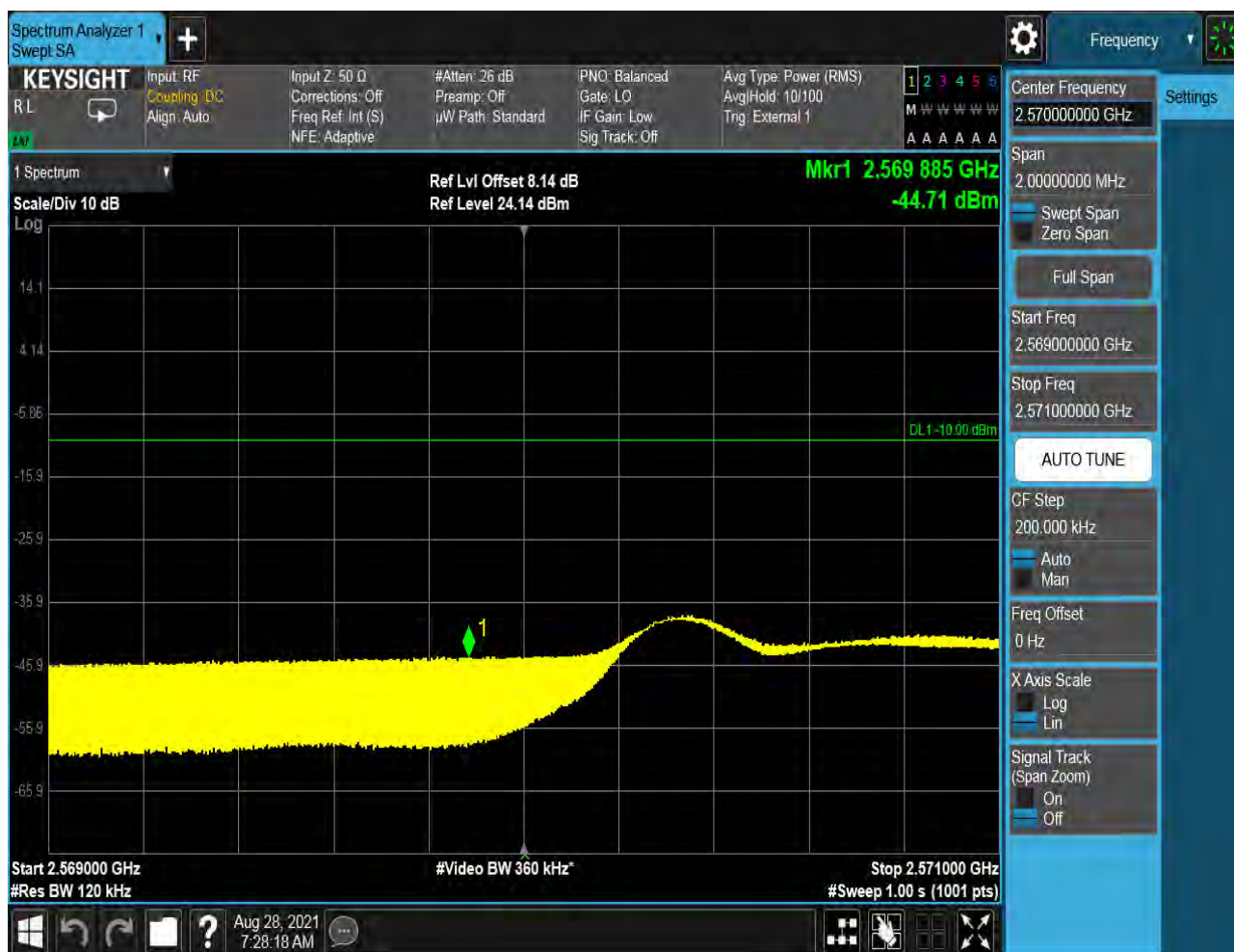




5.1.1.2.1.1.2 Test RB = RB1#24







5.1.1.2.1.1.3 Test RB = RB12#6







5.1.1.2.1.1.4 Test RB = RB25#0

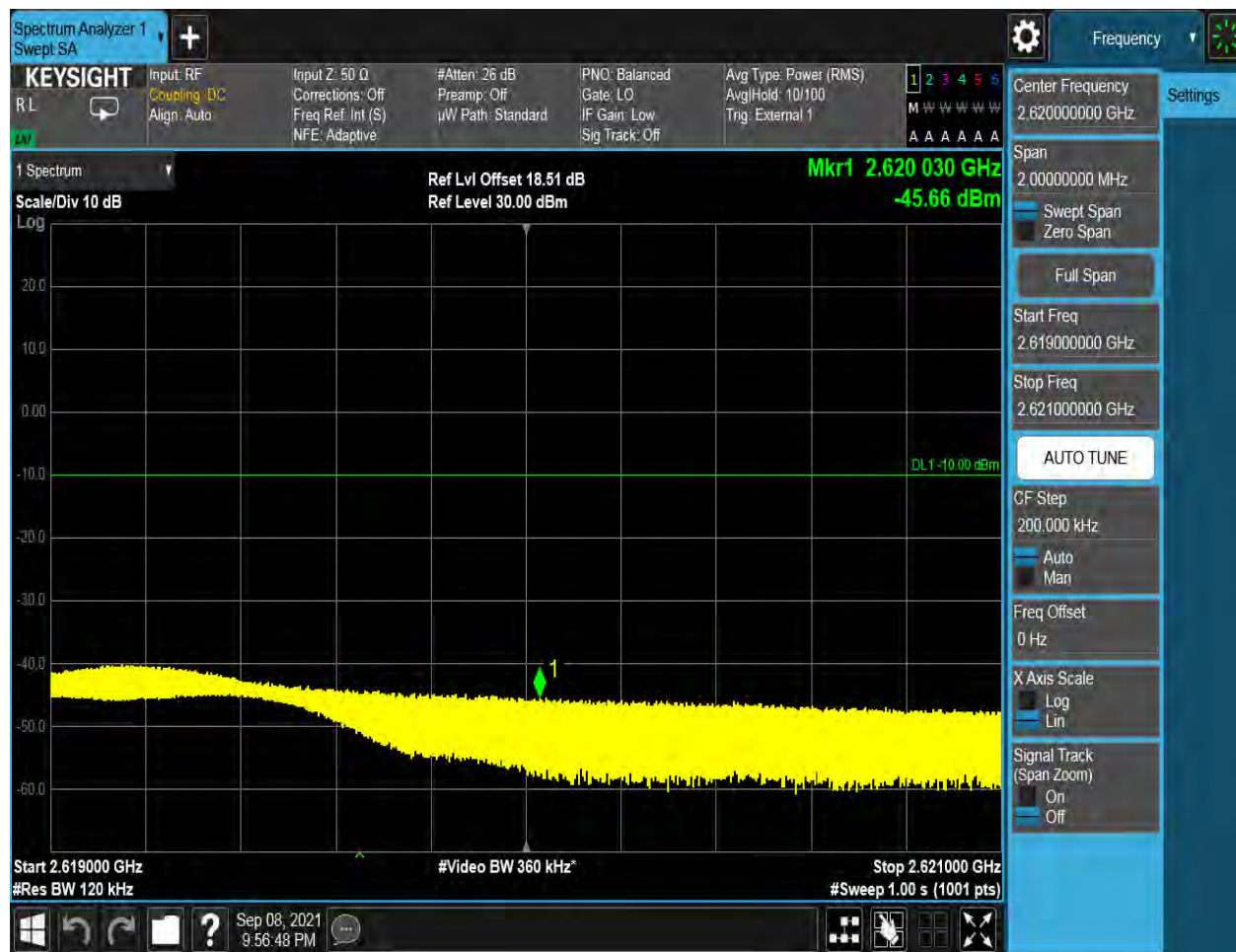


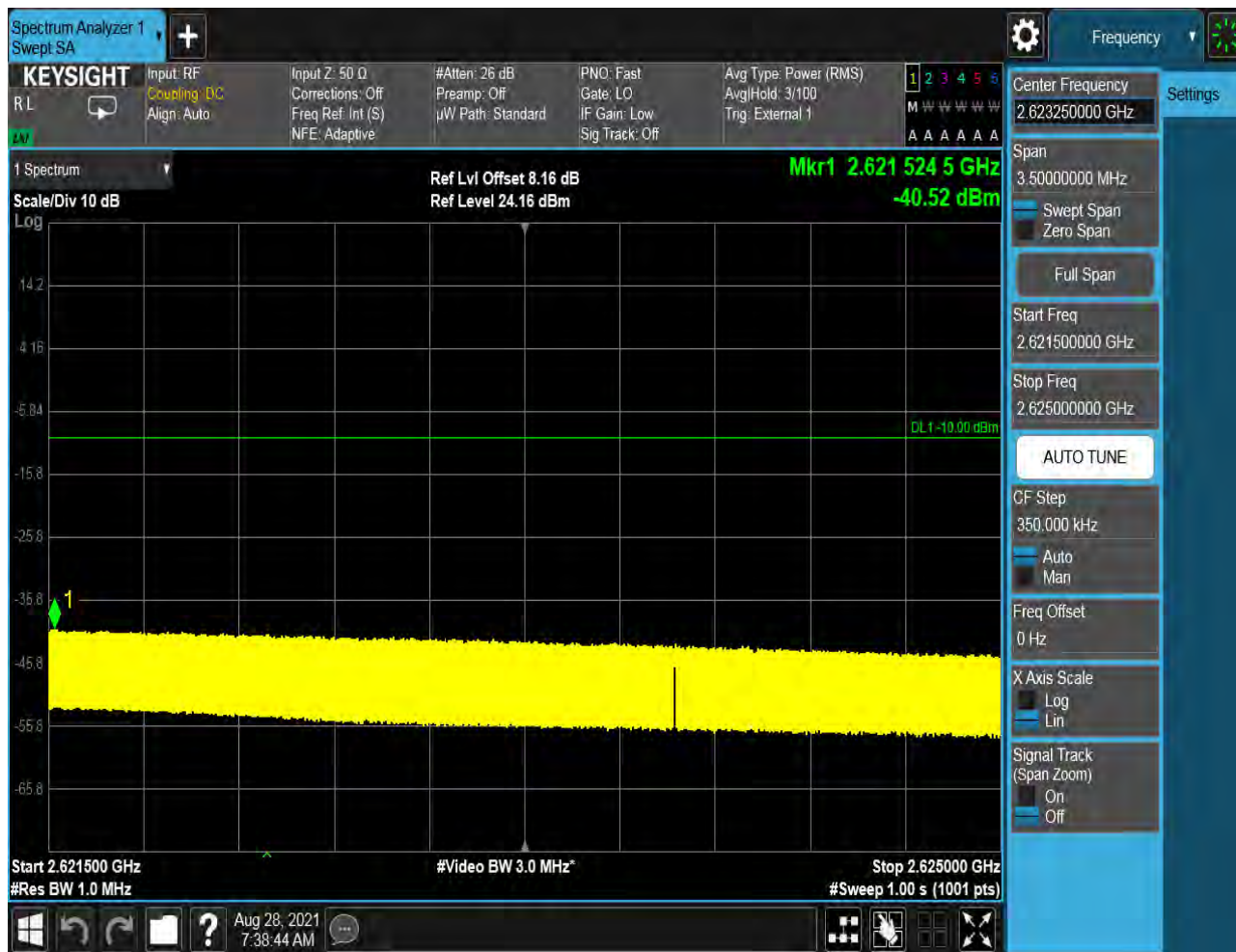




5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

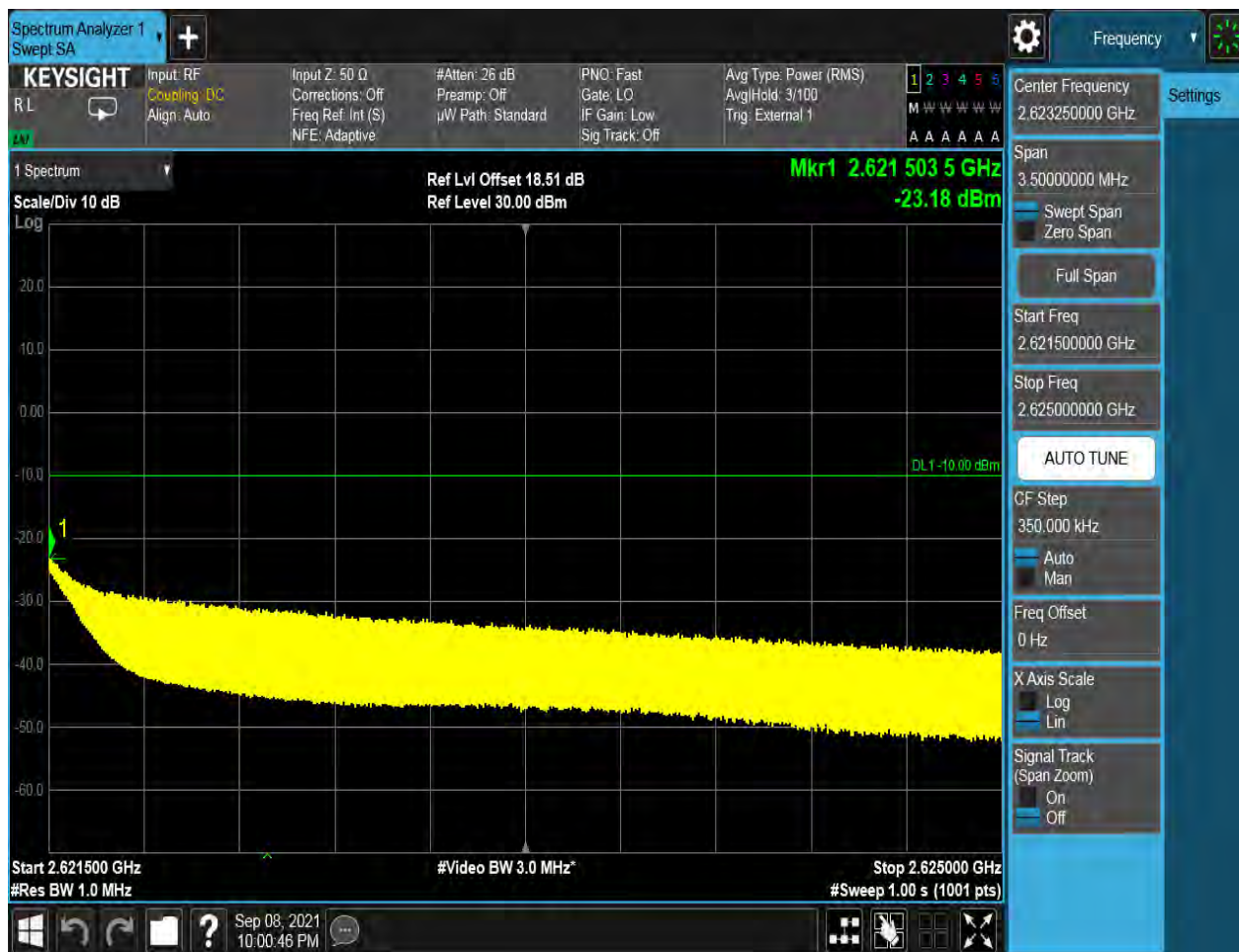






5.1.1.2.1.2.2 Test RB = RB1#24







5.1.1.2.1.2.3 Test RB = RB12#6







5.1.1.2.1.2.4 Test RB = RB25#0



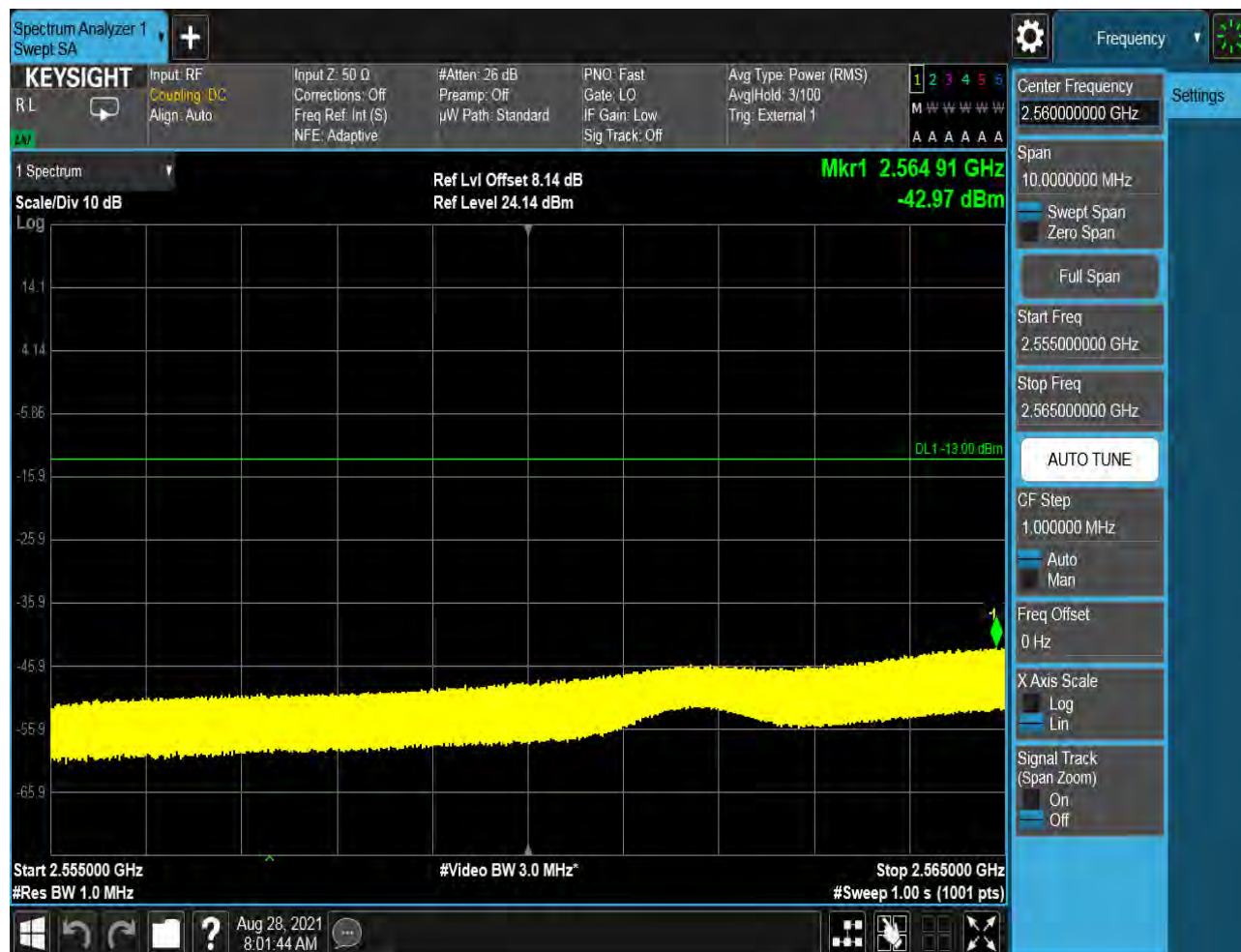


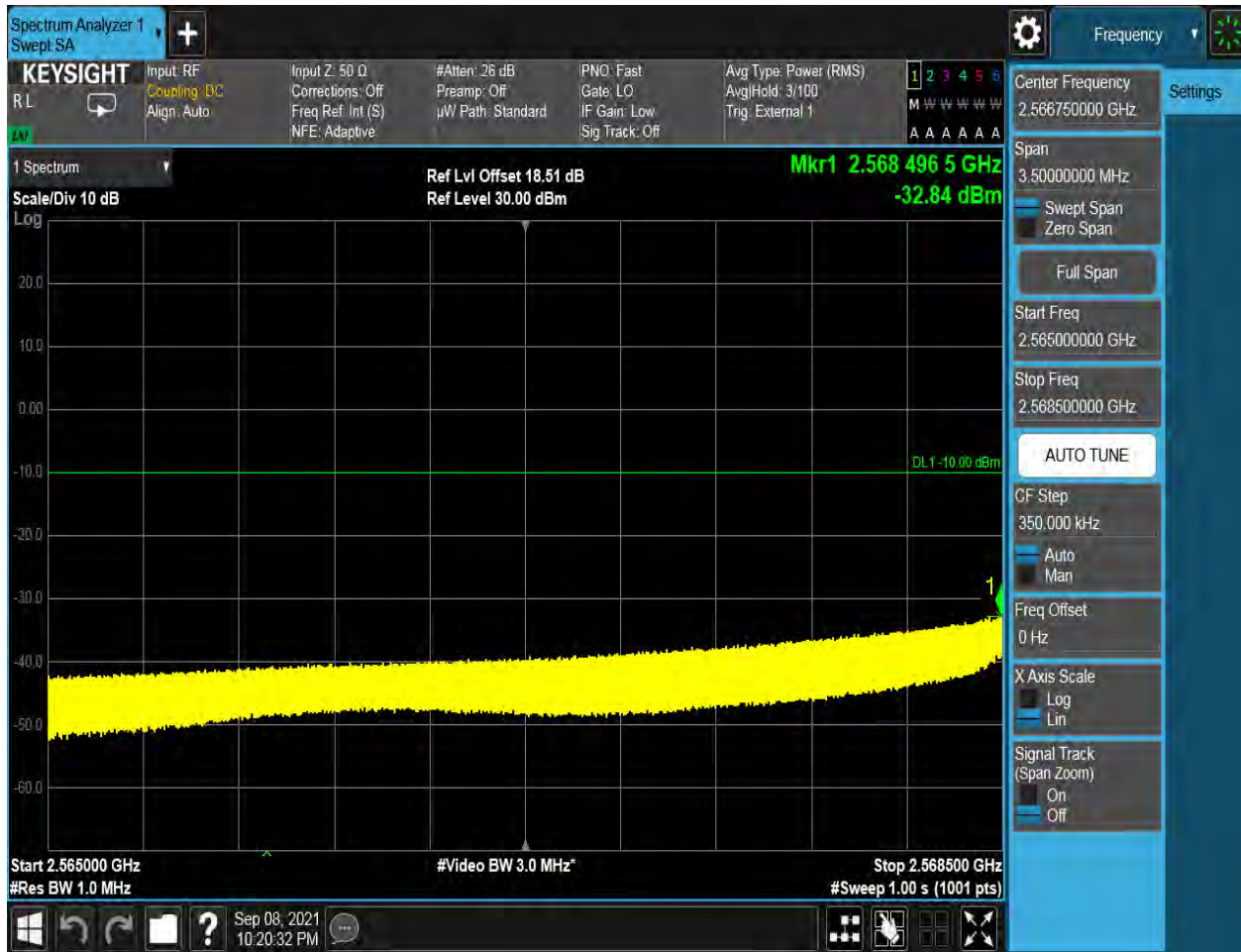


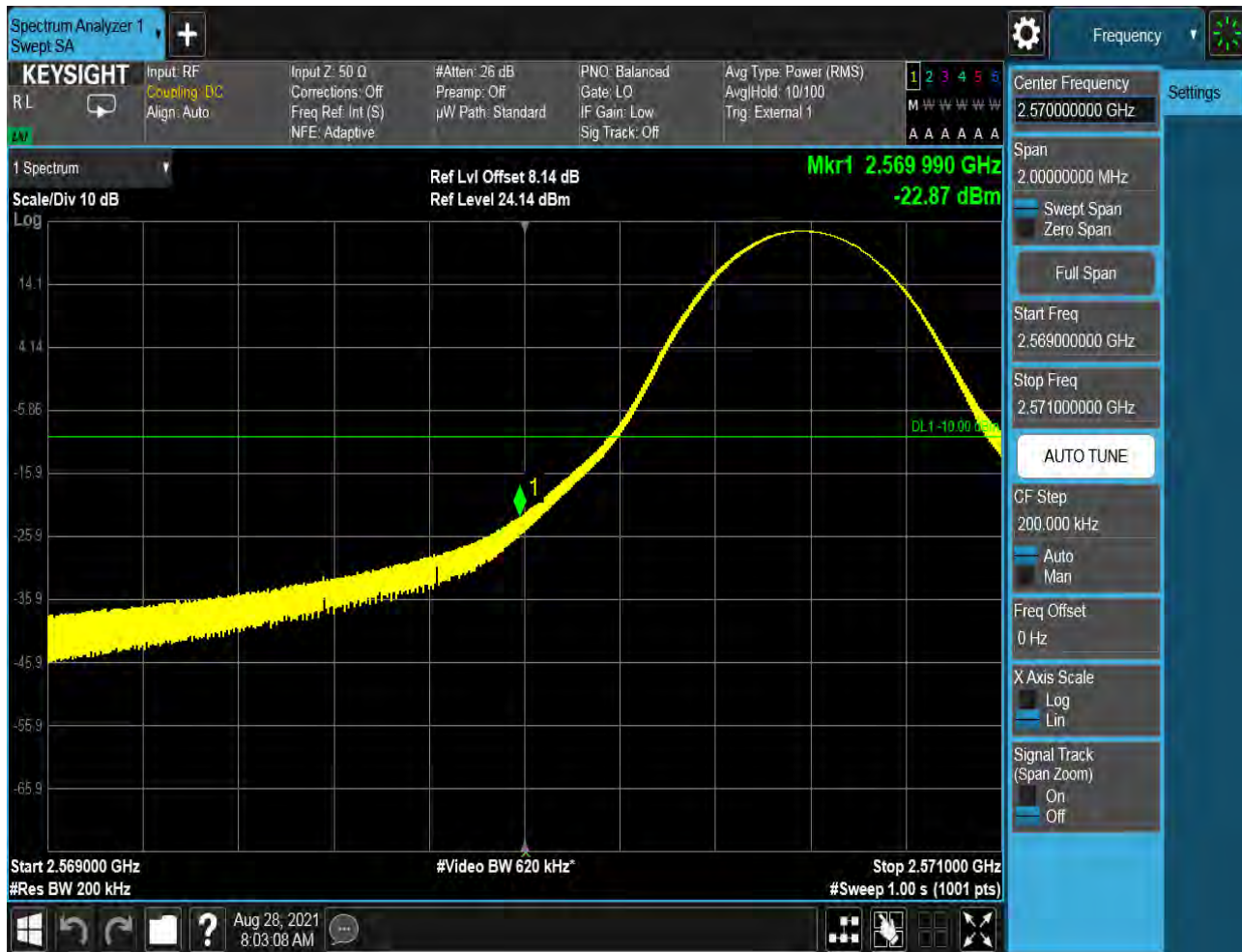
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

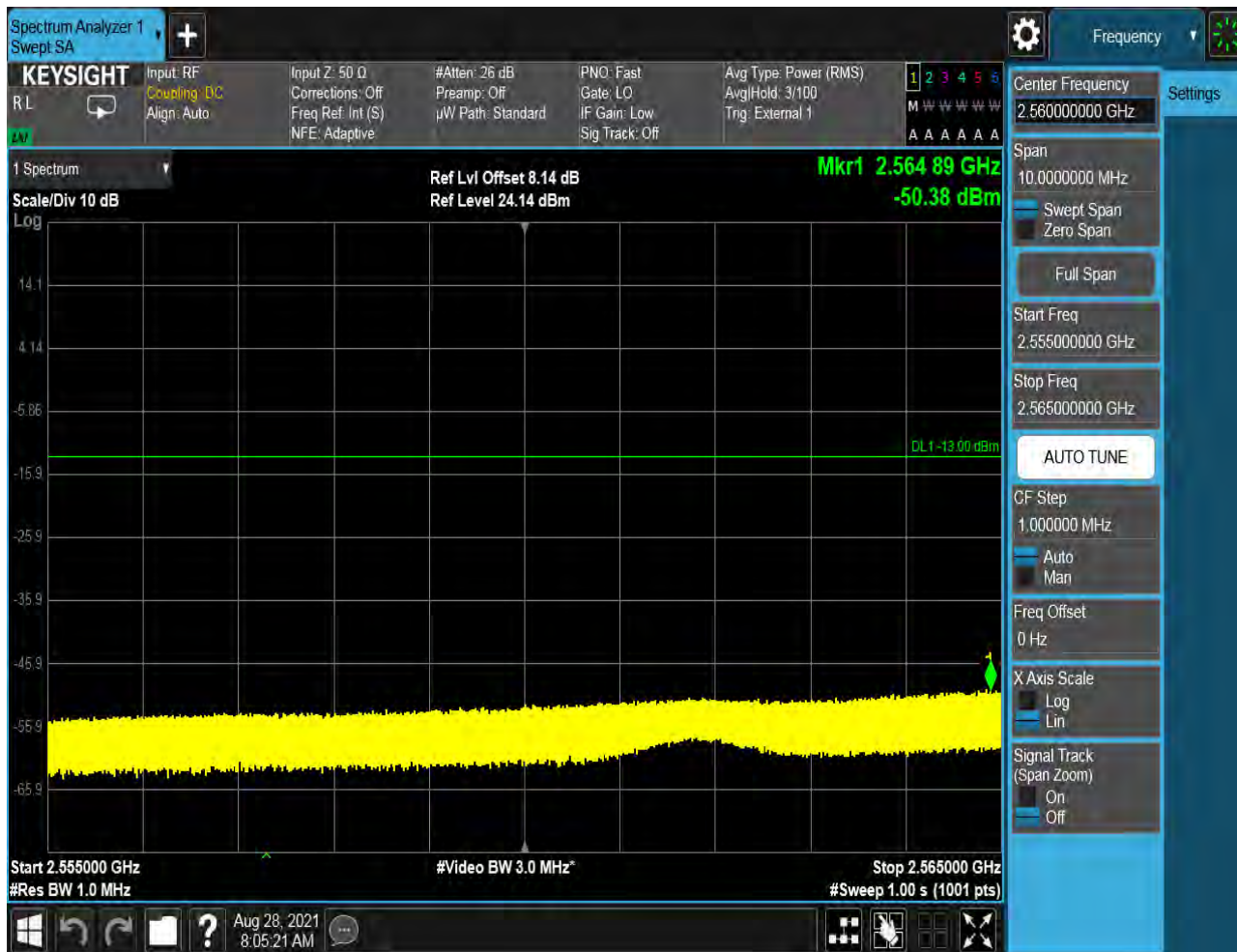
5.1.1.2.2.1.1 Test RB = RB1#0

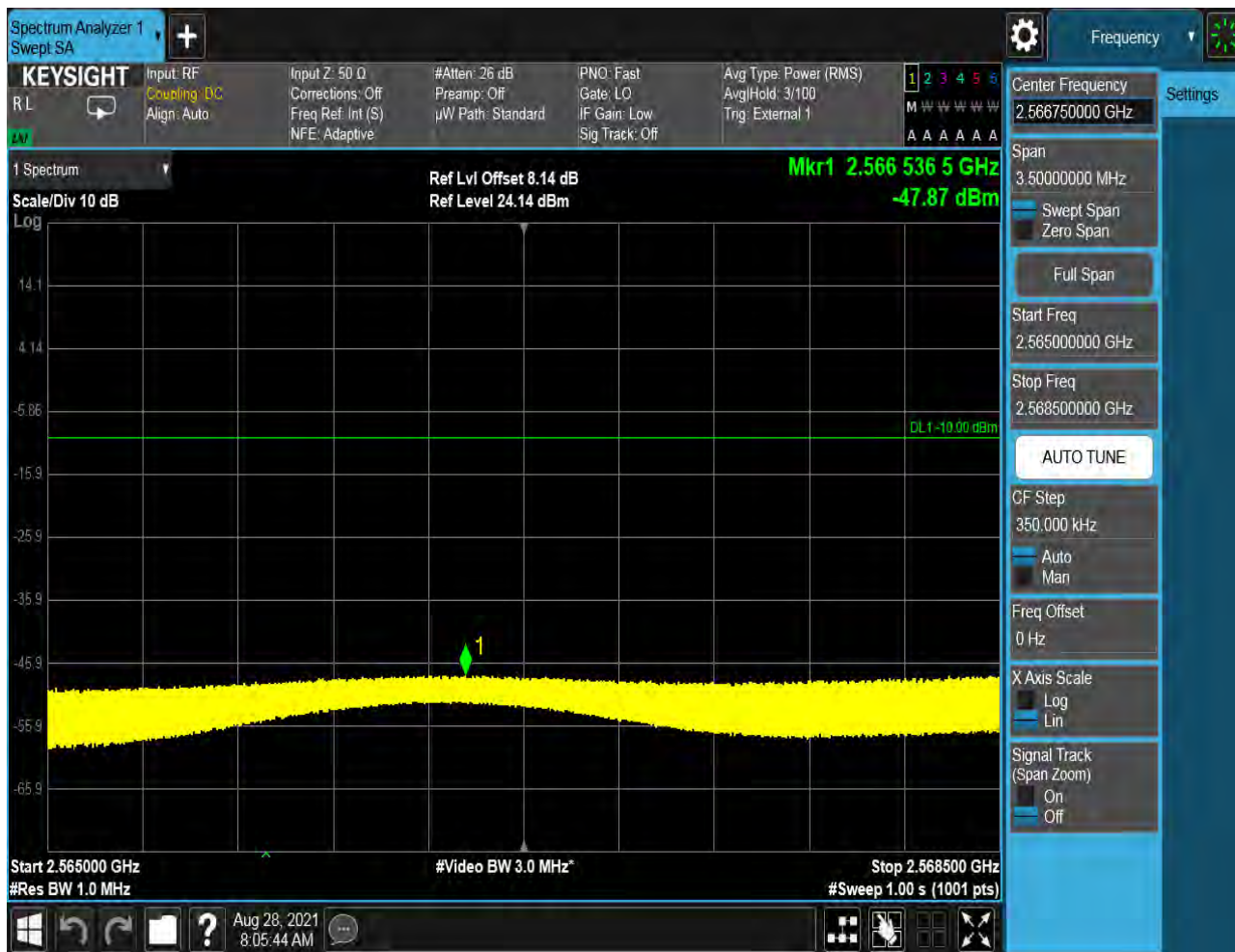


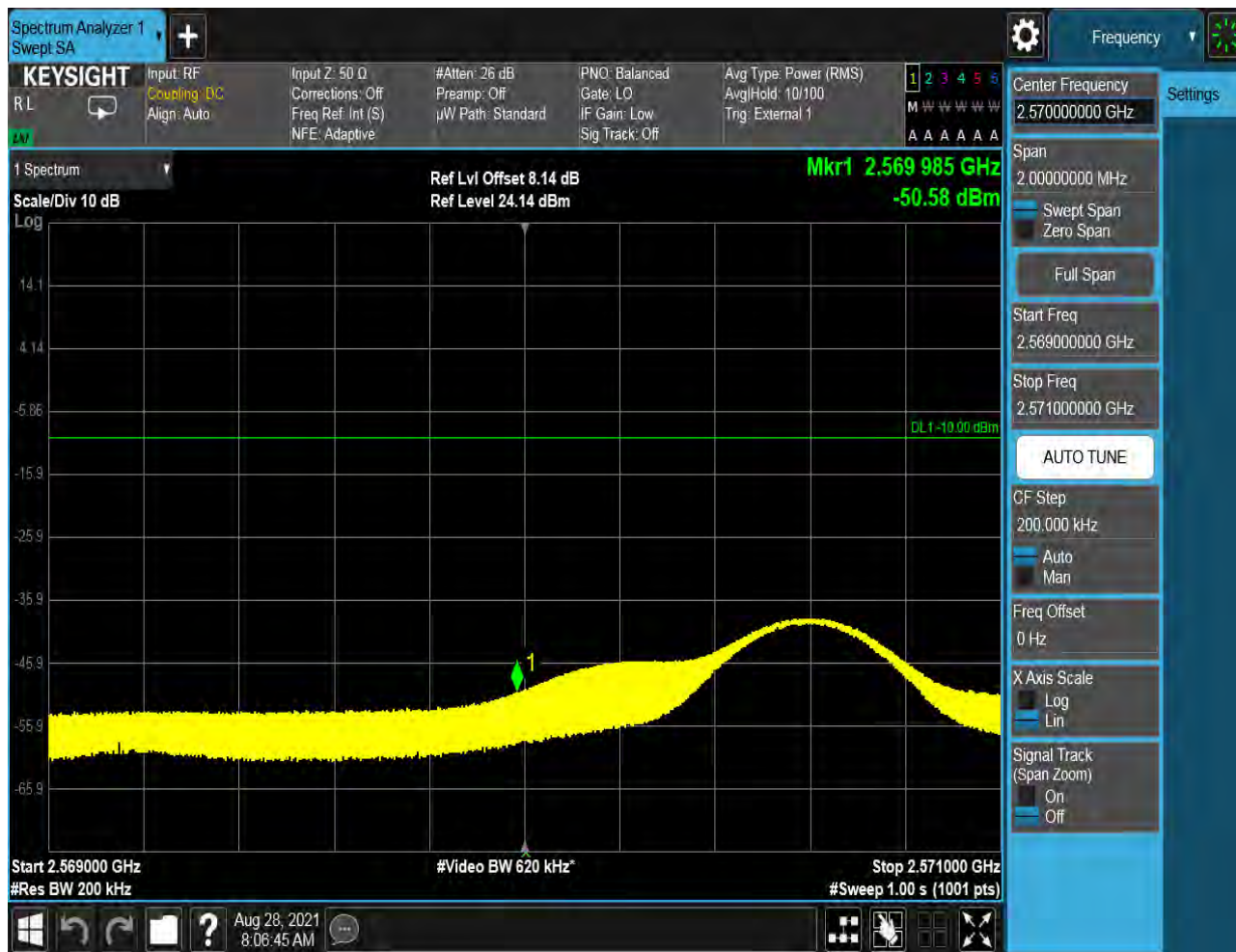


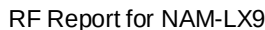


5.1.1.2.2.1.2 Test RB = RB1#49









Keysight Spectrum Analyzer 1
Swept SA

KEYSIGHT
RL

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive

#Atten: 26 dB
Preamp: Off
μW Path: Standard

PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off

Avg Type: Power (RMS)
Avg Hold: 3/100
Trig: External 1

1 2 3 4 5 6
M W W W W W
A A A A A A

Center Frequency
2.560000000 GHz

Span
10.000000 MHz
Swept Span
Zero Span
Full Span

Start Freq
2.555000000 GHz

Stop Freq
2.565000000 GHz

AUTO TUNE

CF Step
1.000000 MHz
Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)
On
Off

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 8.14 dB
Ref Level 24.14 dBm

Mkr1 2.564 99 GHz
-35.27 dBm

DL 1 -13.00 dBm

Start 2.555000 GHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz*

Stop 2.565000 GHz
#Sweep 1.00 s (1001 pts)

Aug 28, 2021
8:08:57 AM





5.1.1.2.2.1.4 Test RB = RB50#0

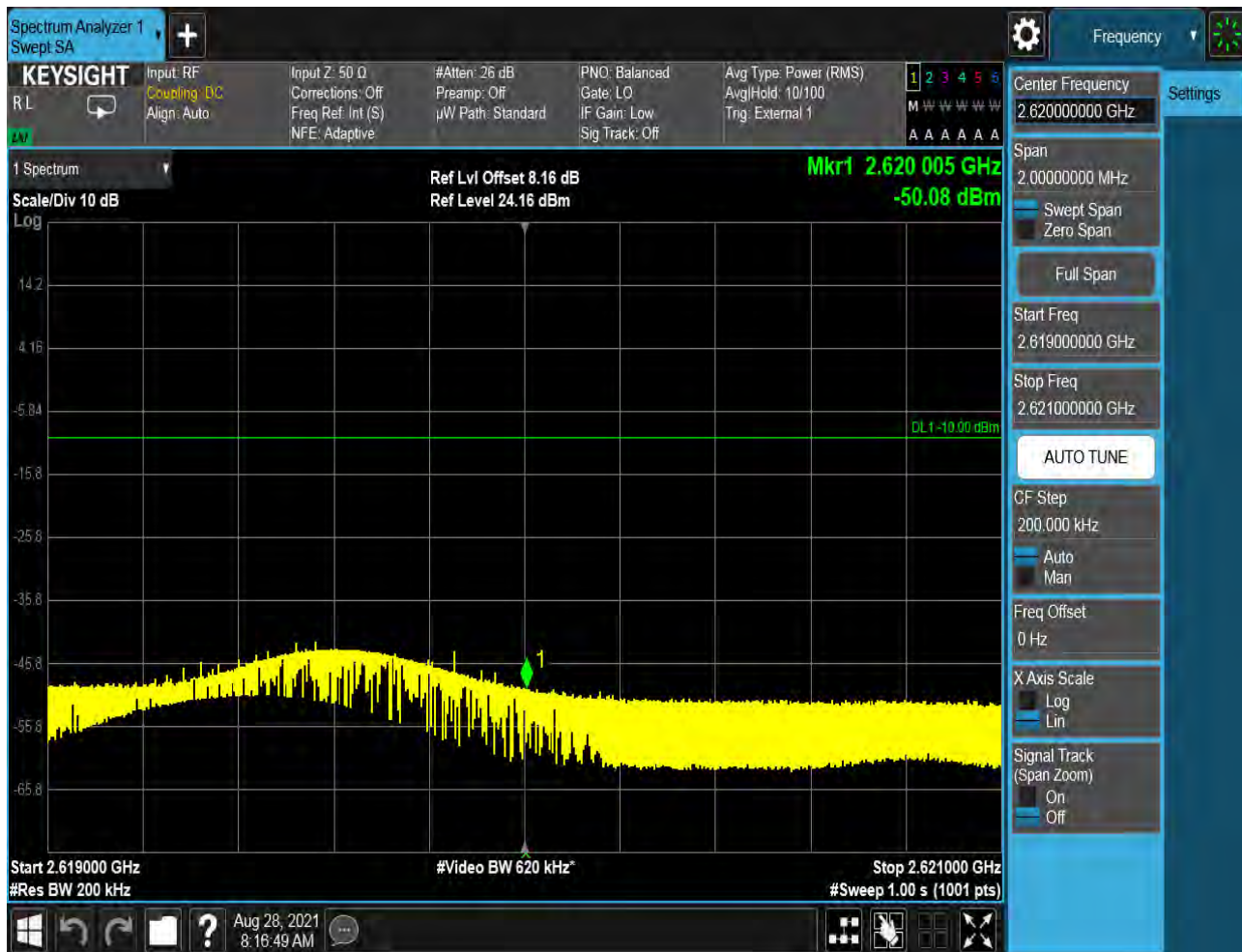


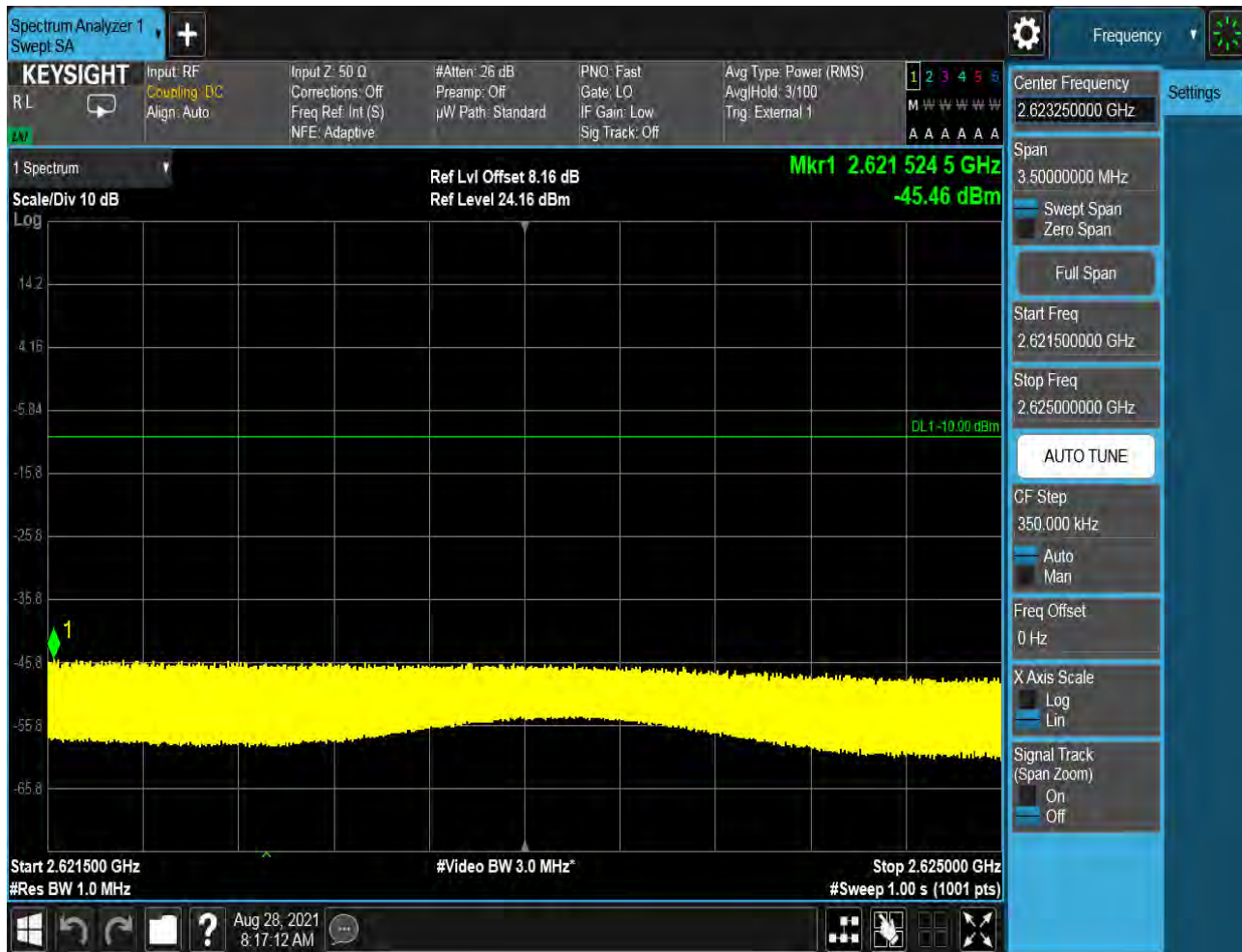




5.1.1.2.2.2 Test Channel = HCH

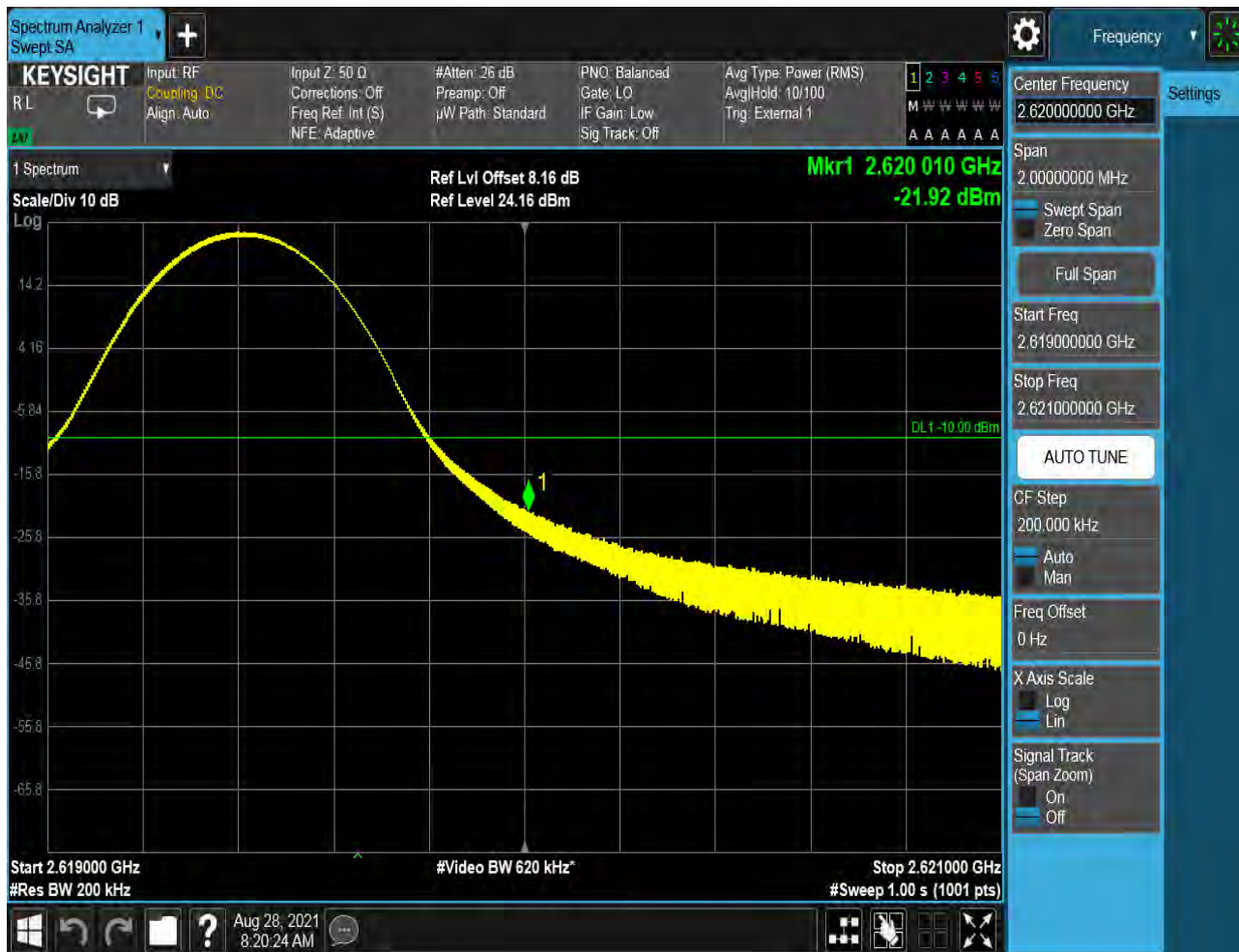
5.1.1.2.2.2.1 Test RB = RB1#0

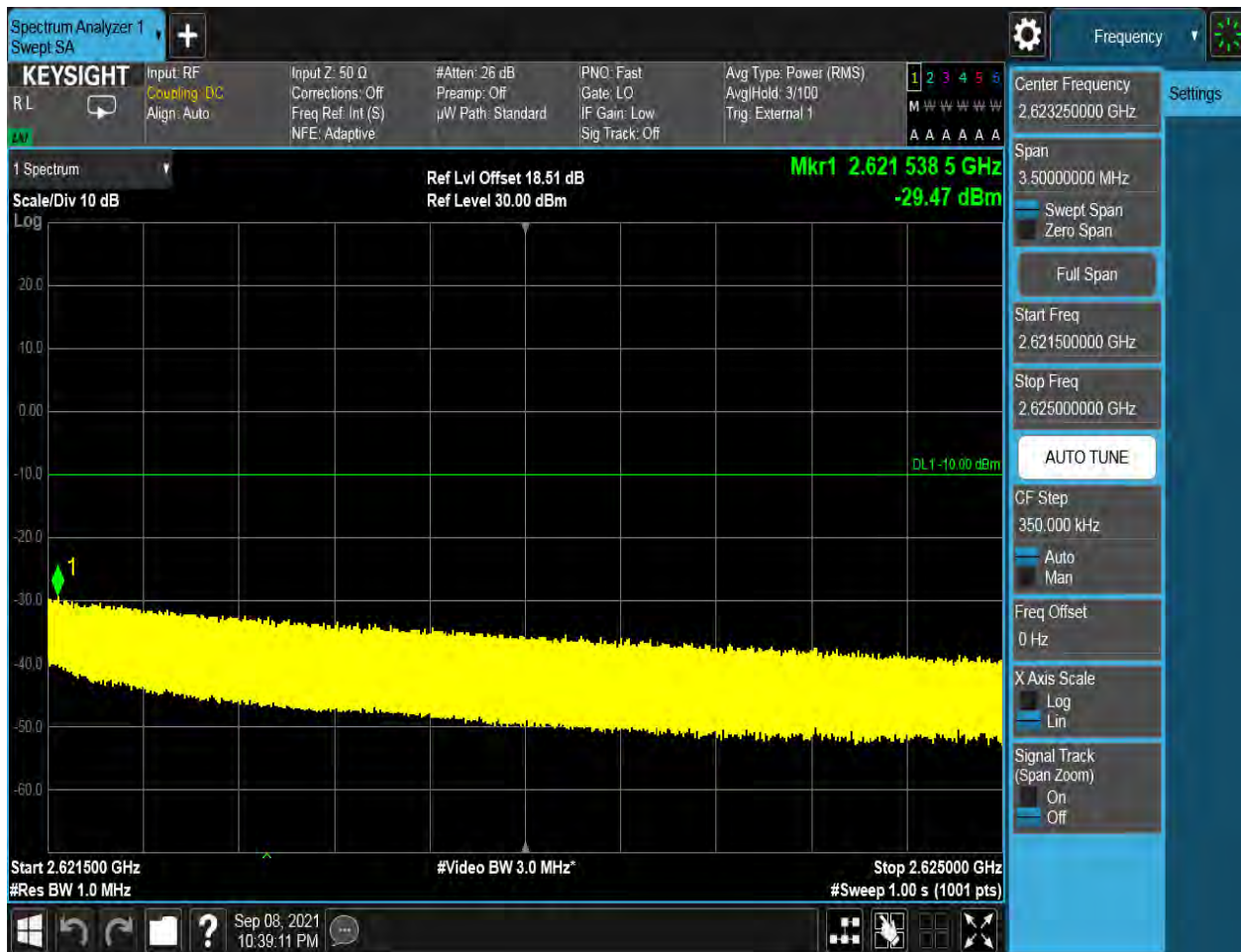


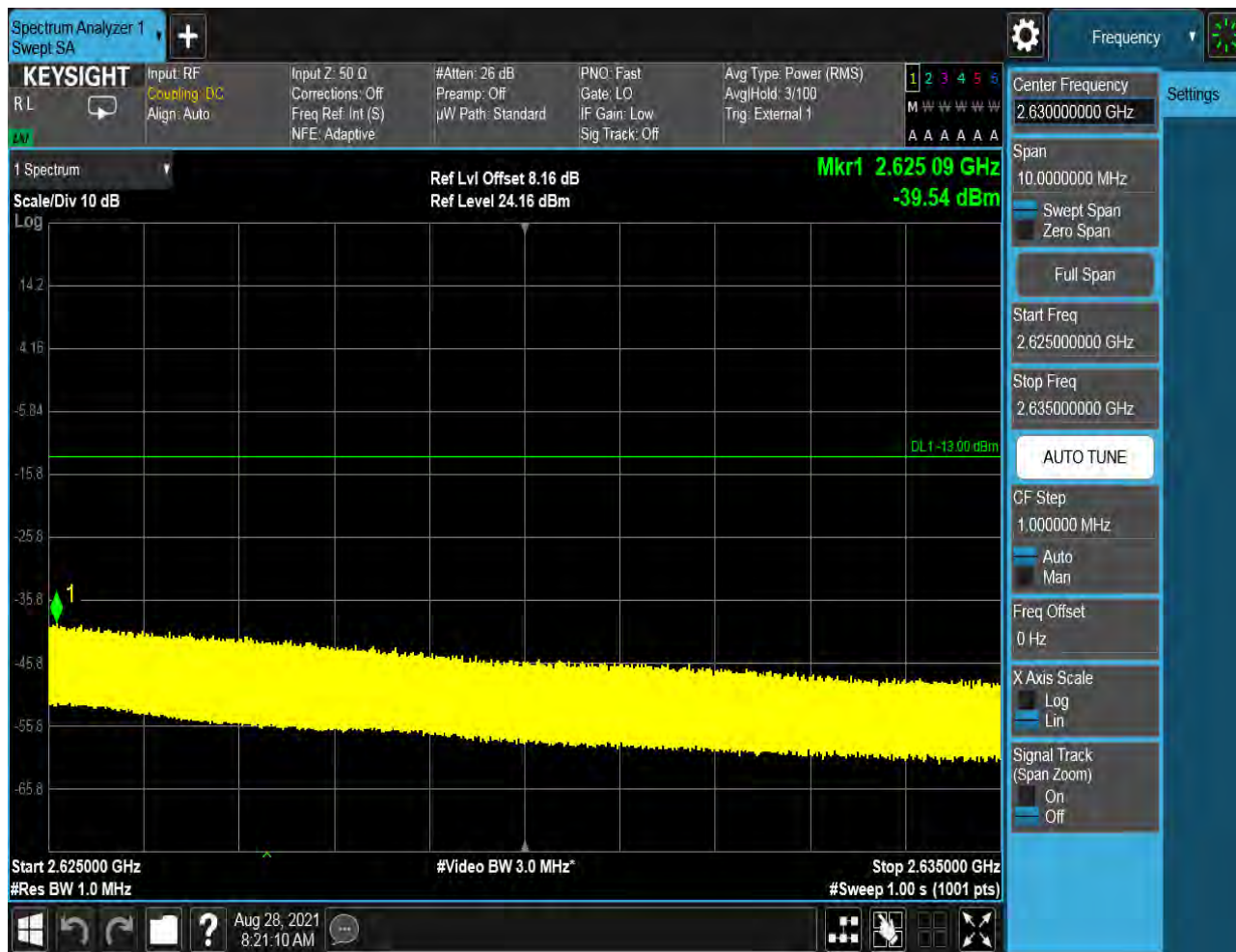




5.1.1.2.2.2.2 Test RB = RB1#49







5.1.1.2.2.2.3 Test RB = RB25#13







5.1.1.2.2.2.4 Test RB = RB50#0



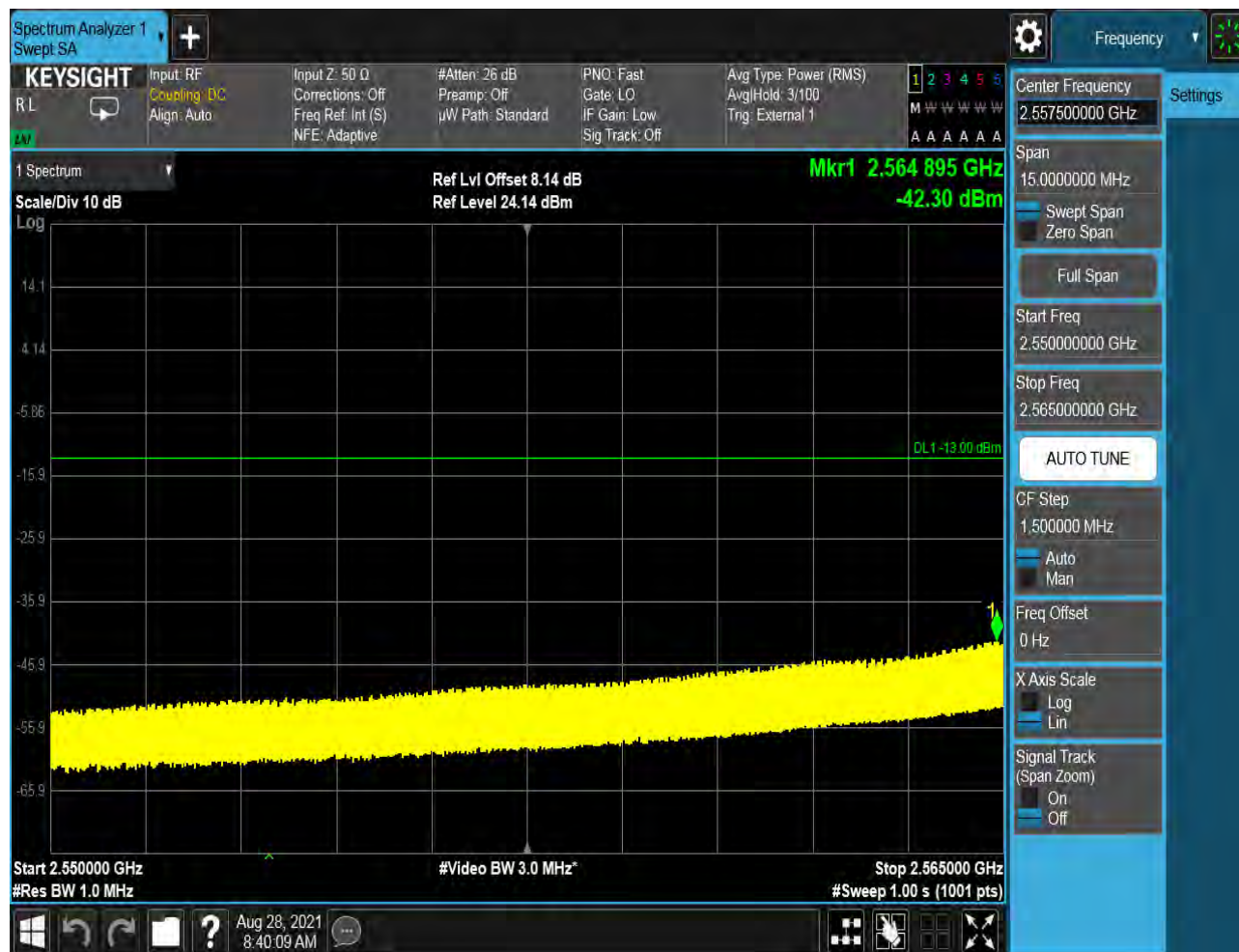


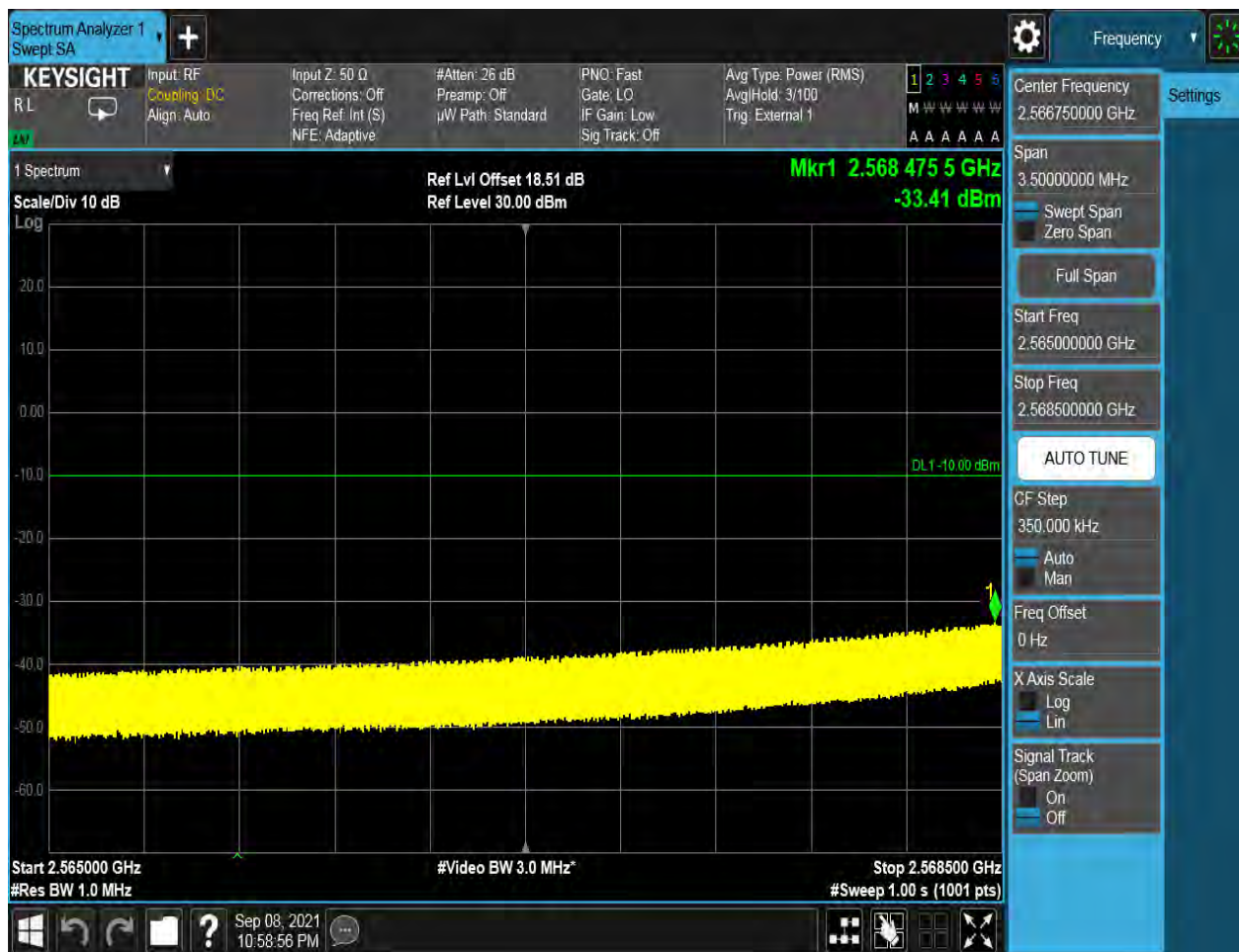


5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

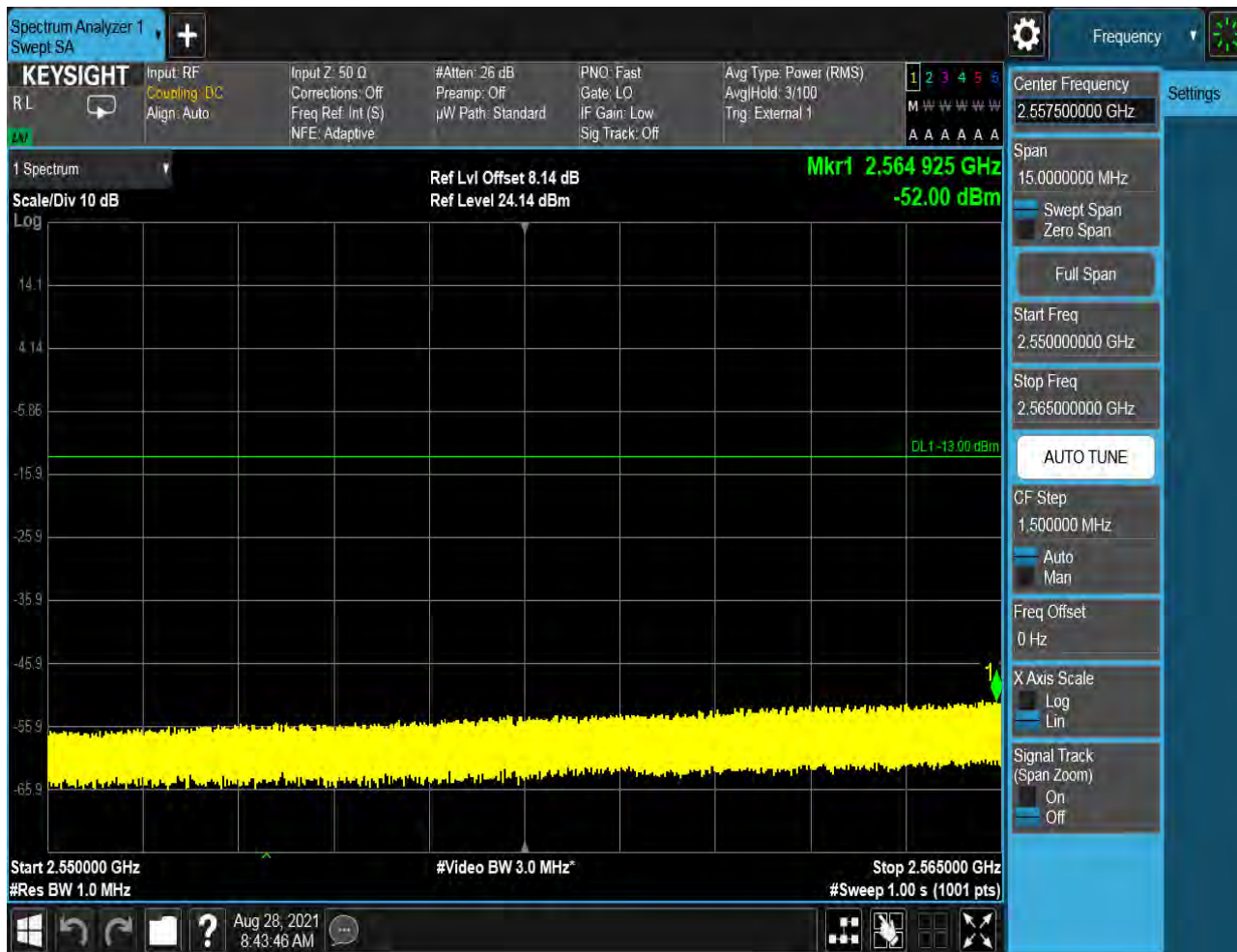
5.1.1.2.3.1.1 Test RB = RB1#0



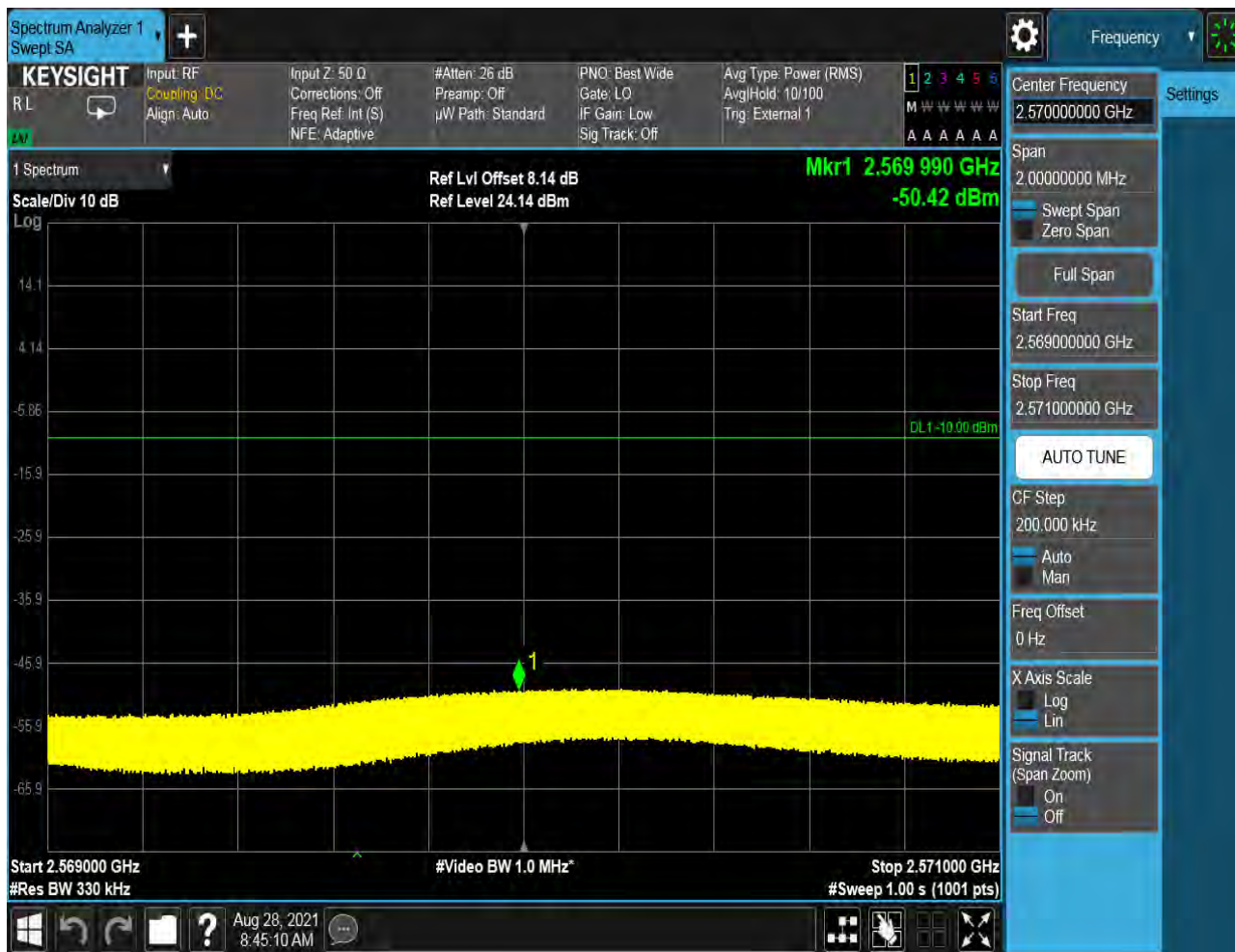




5.1.1.2.3.1.2 Test RB = RB1#74







5.1.1.2.3.1.3 Test RB = RB38#19







5.1.1.2.3.1.4 Test RB = RB75#0

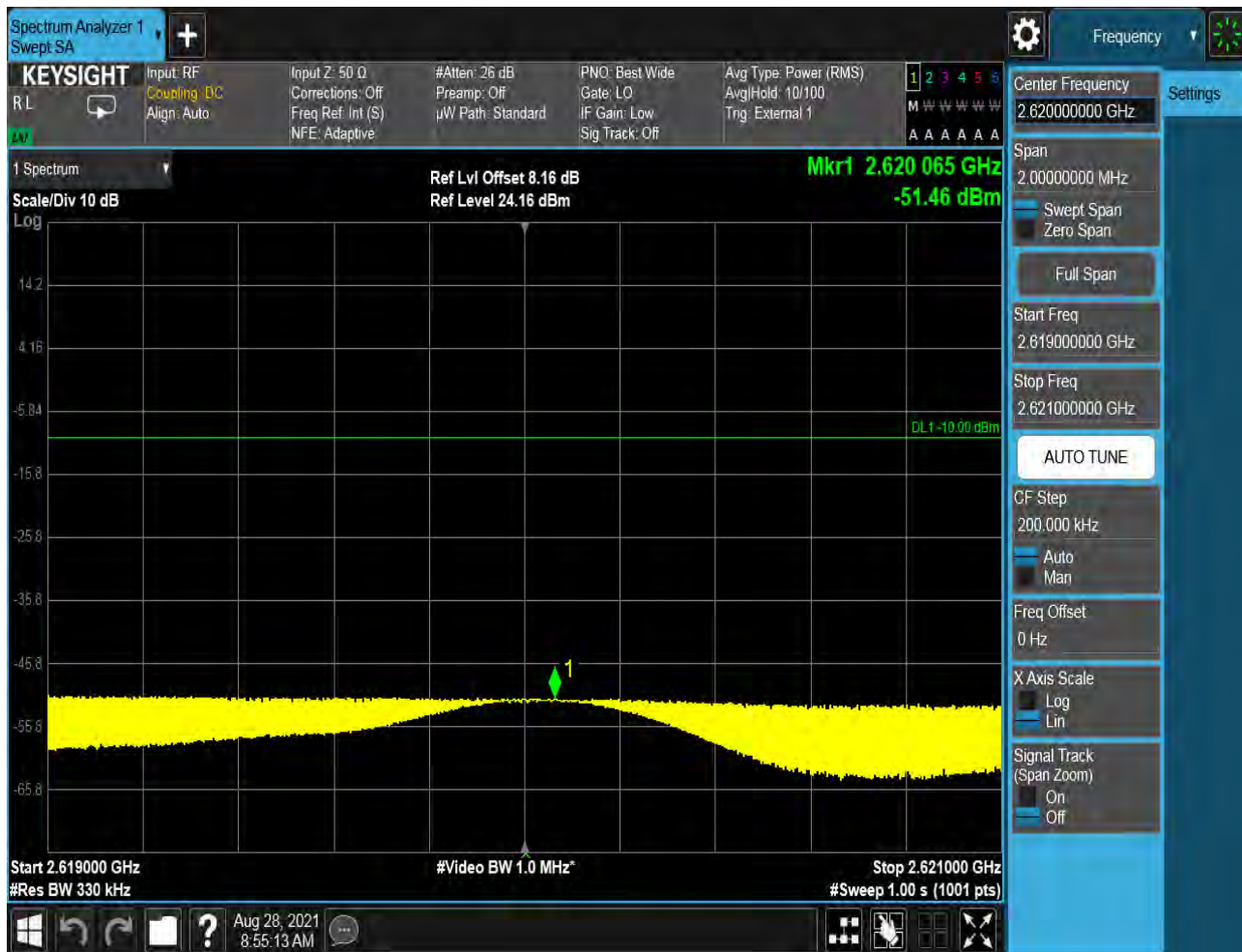


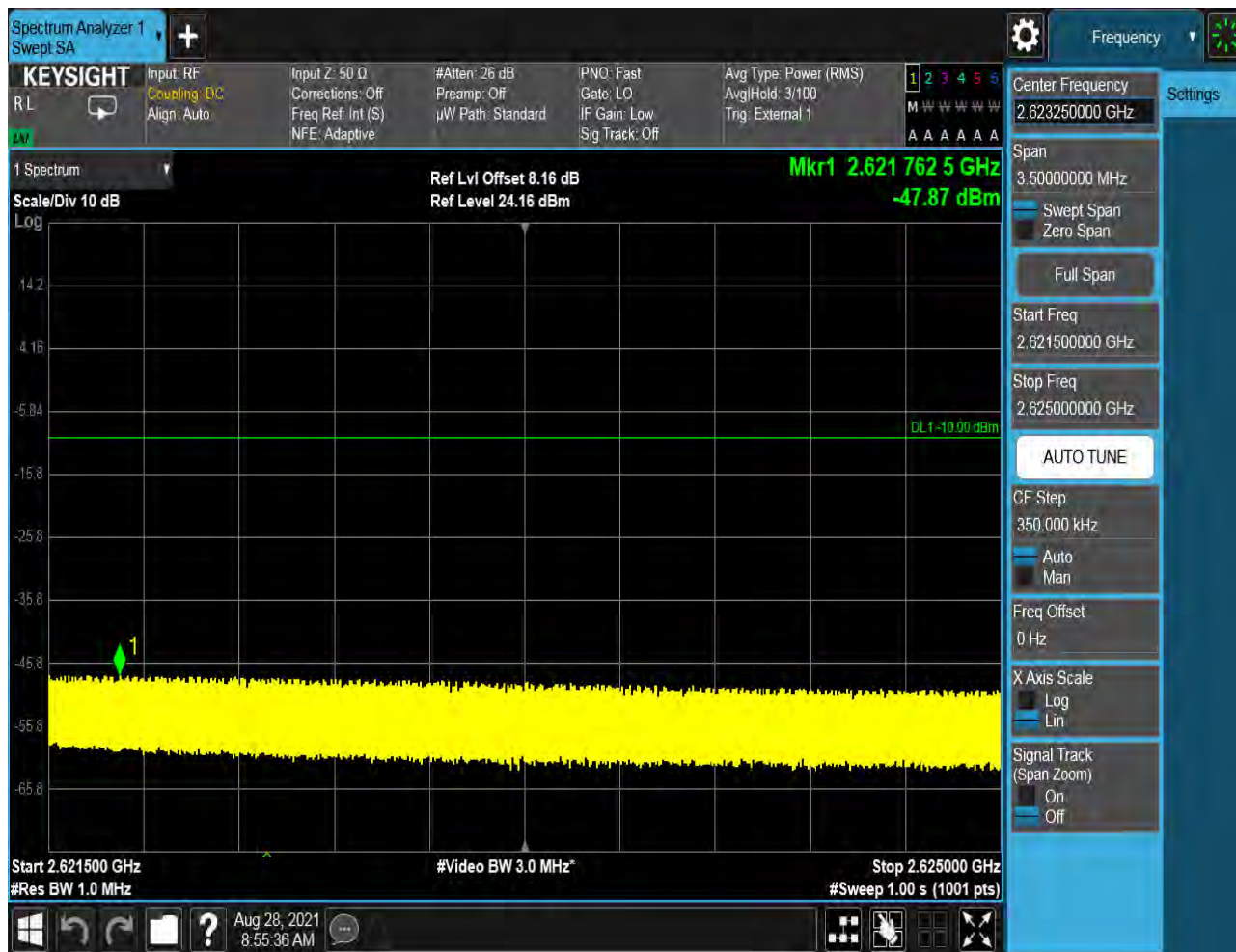


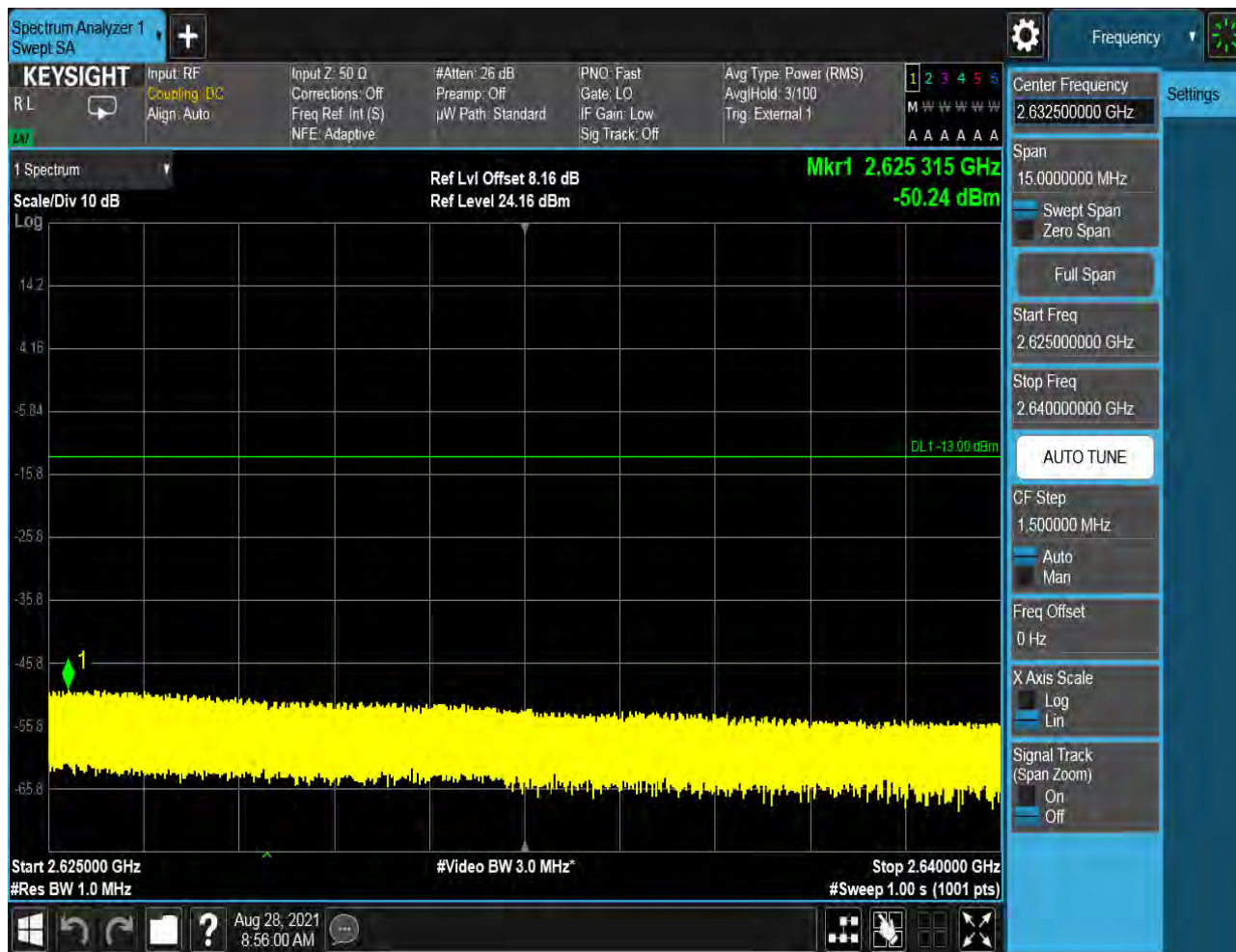


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0

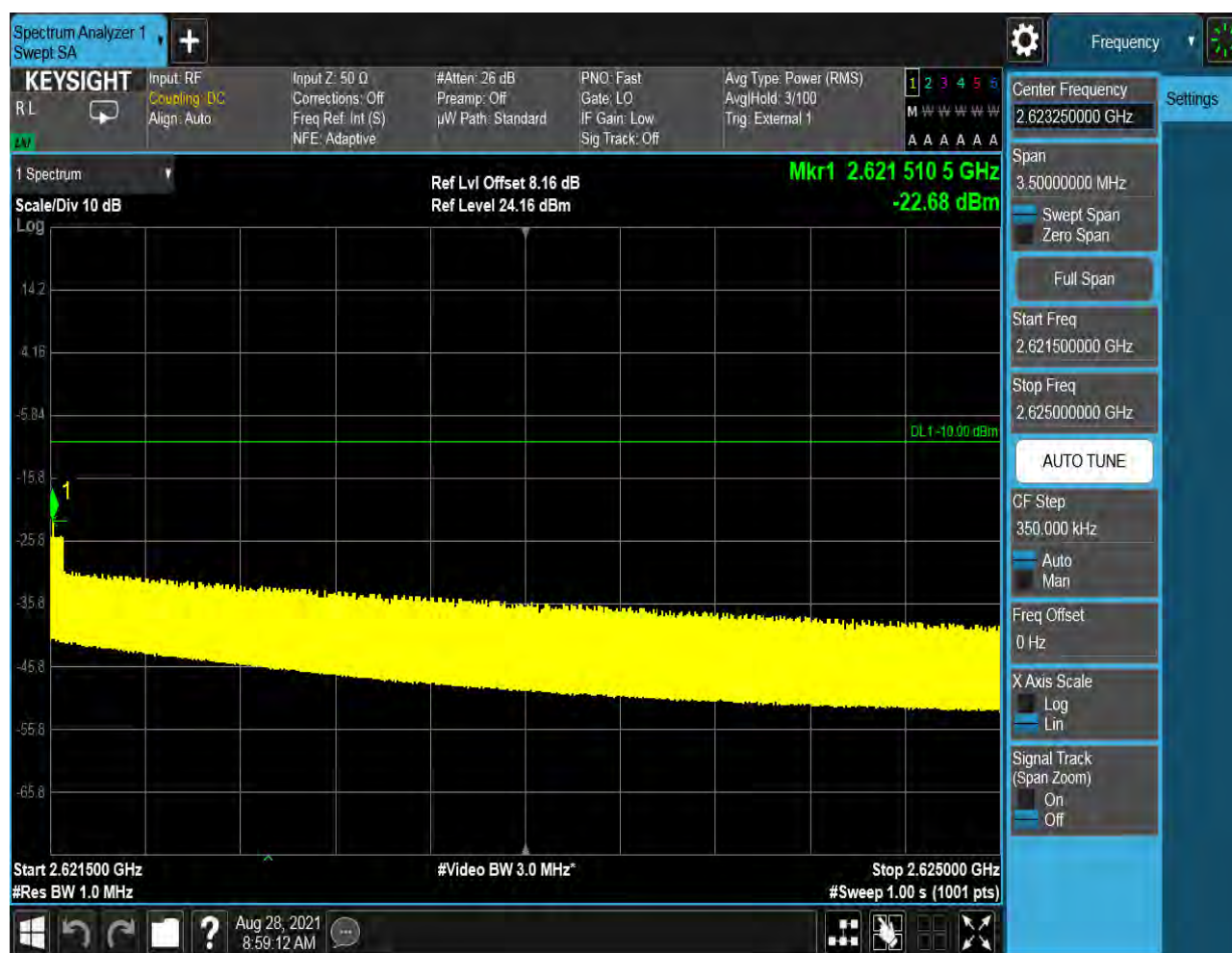
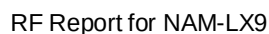






5.1.1.2.3.2.2 Test RB = RB1#74







5.1.1.2.3.2.3 Test RB = RB38#19







5.1.1.2.3.2.4 Test RB = RB75#0



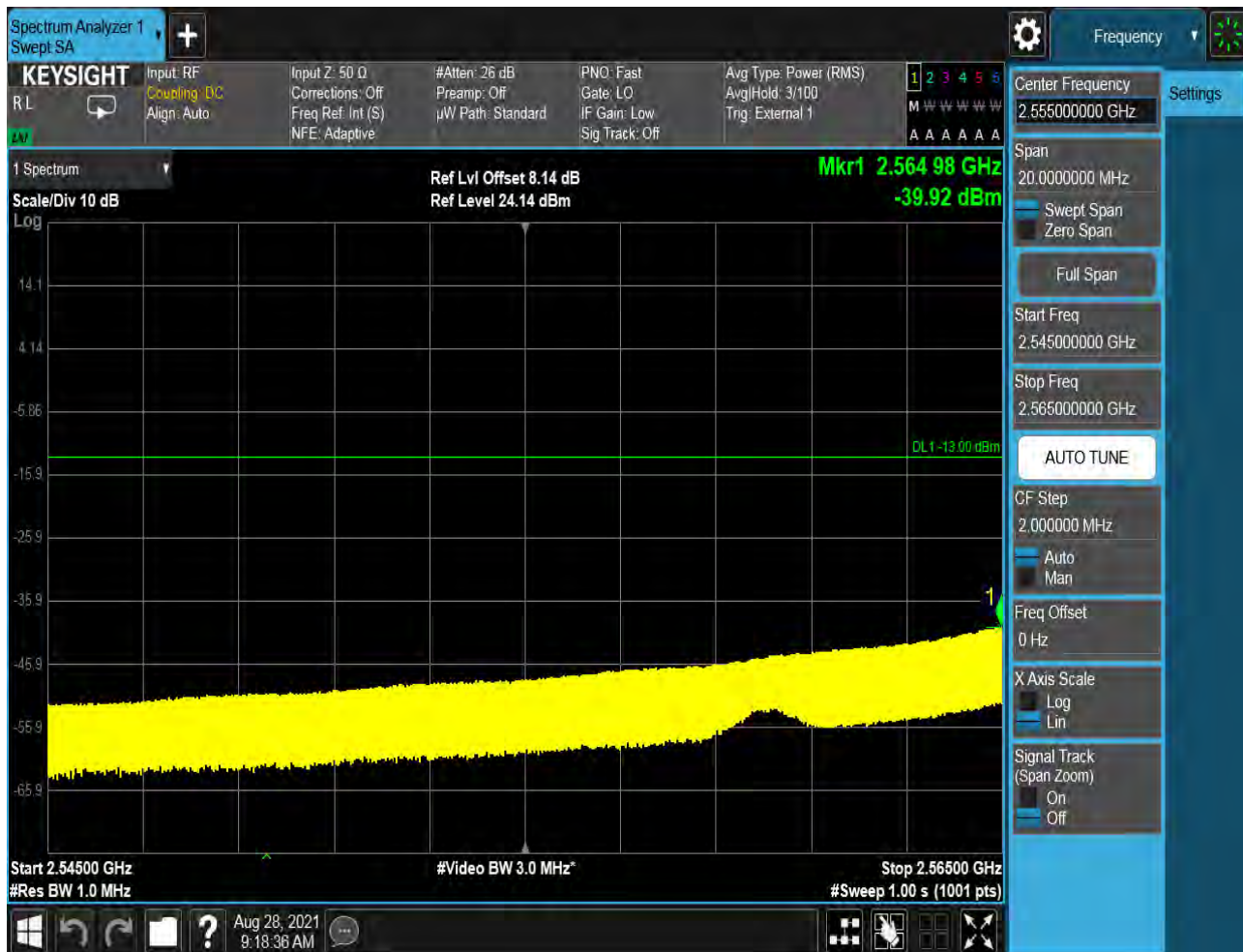


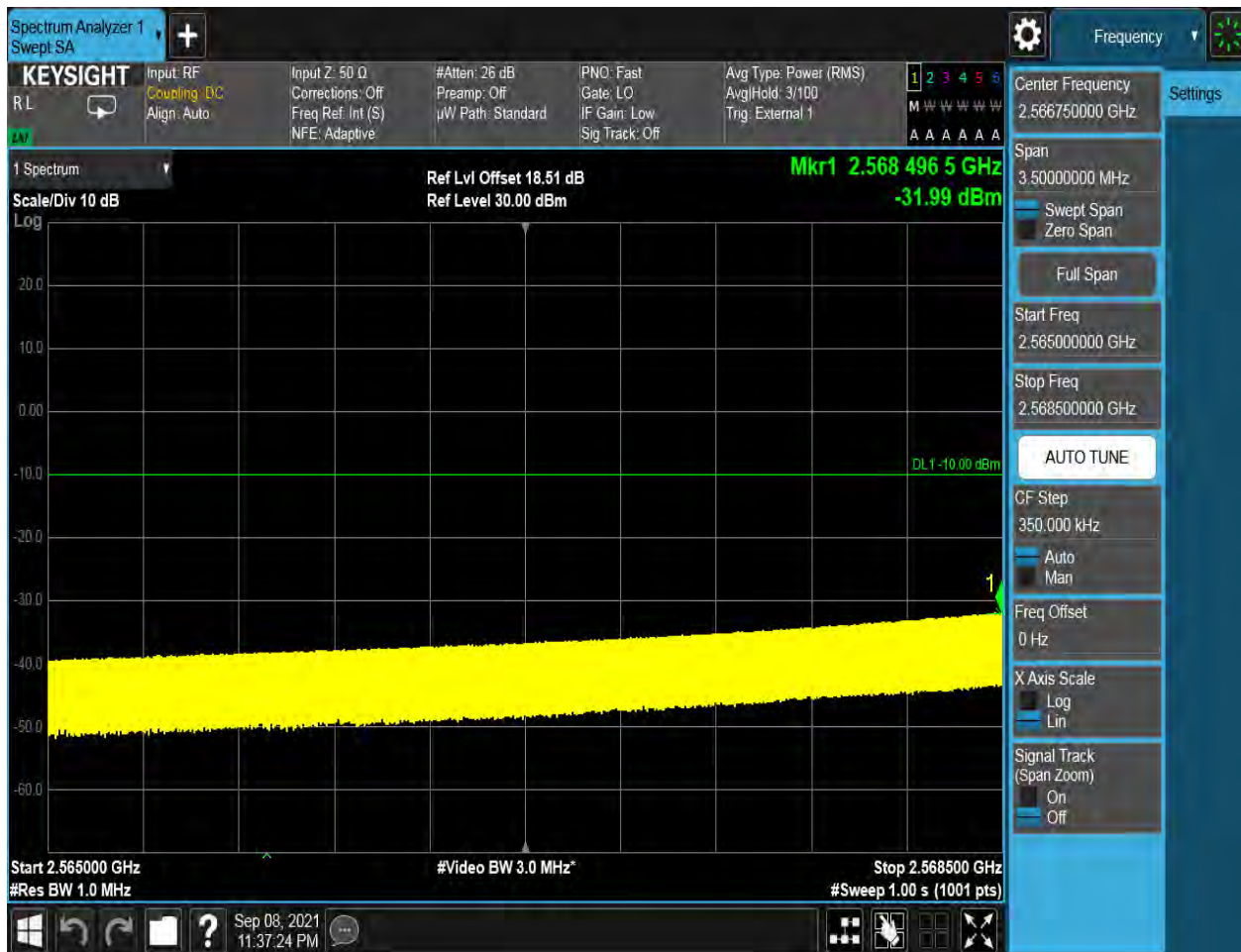


5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

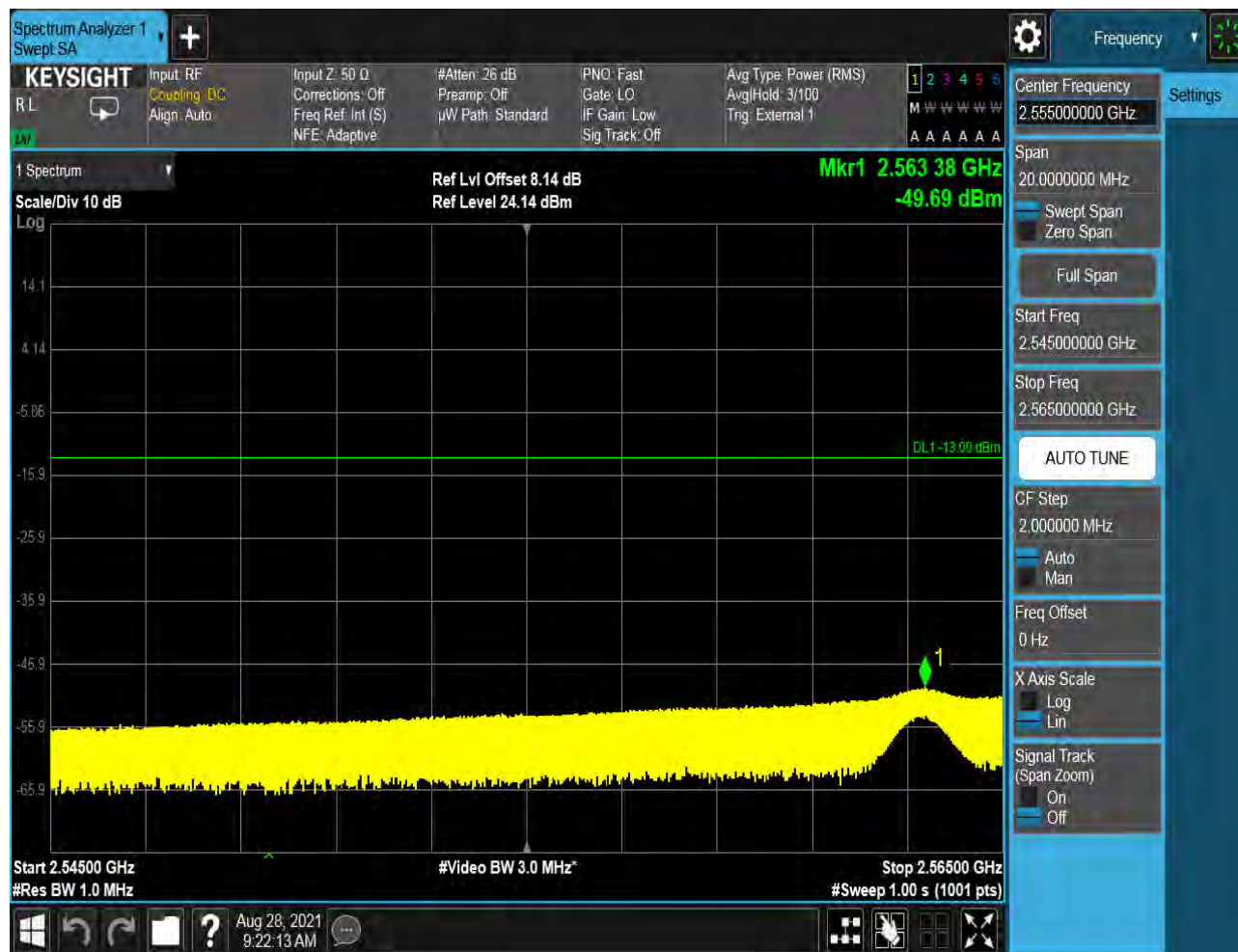
5.1.1.2.4.1.1 Test RB = RB1#0

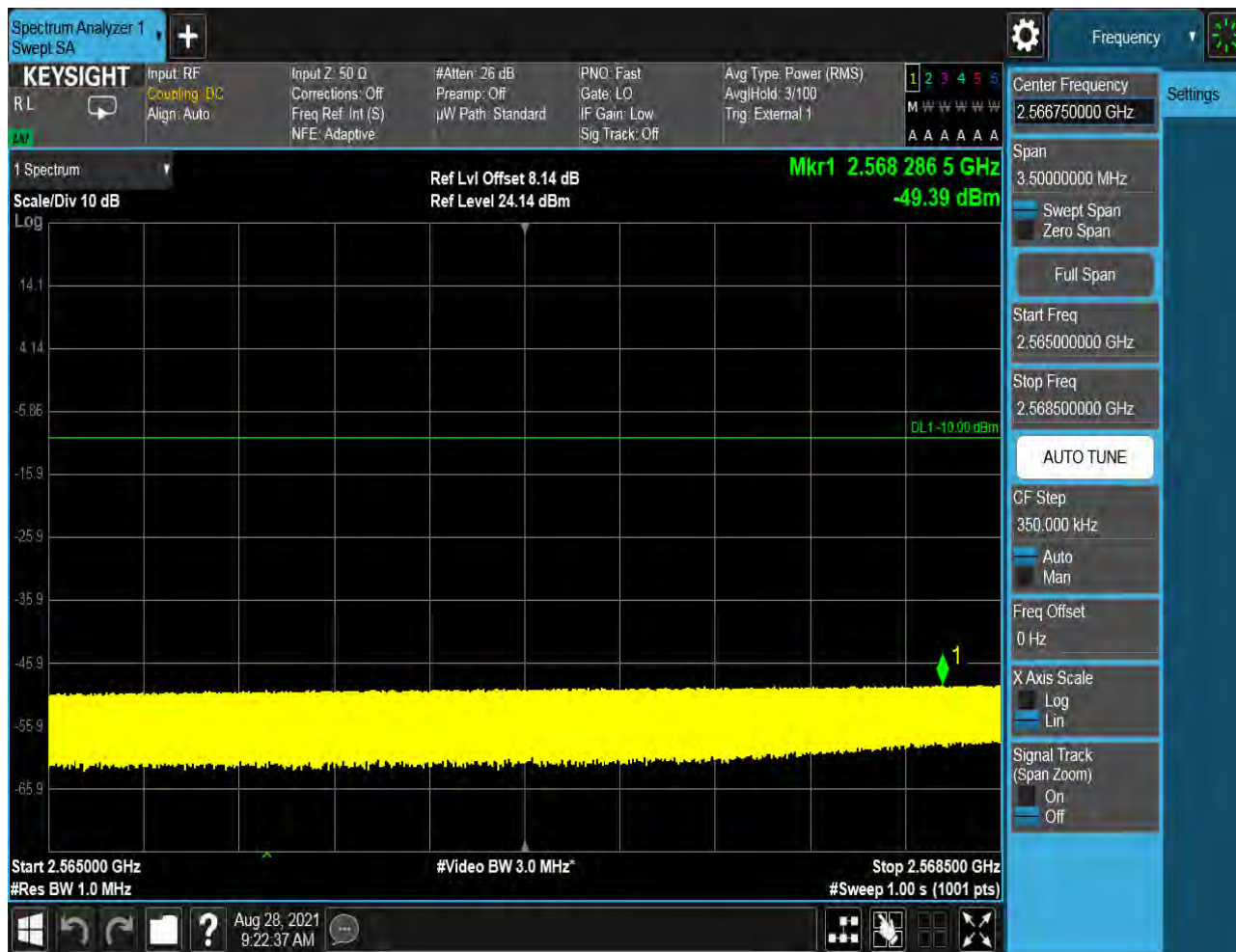


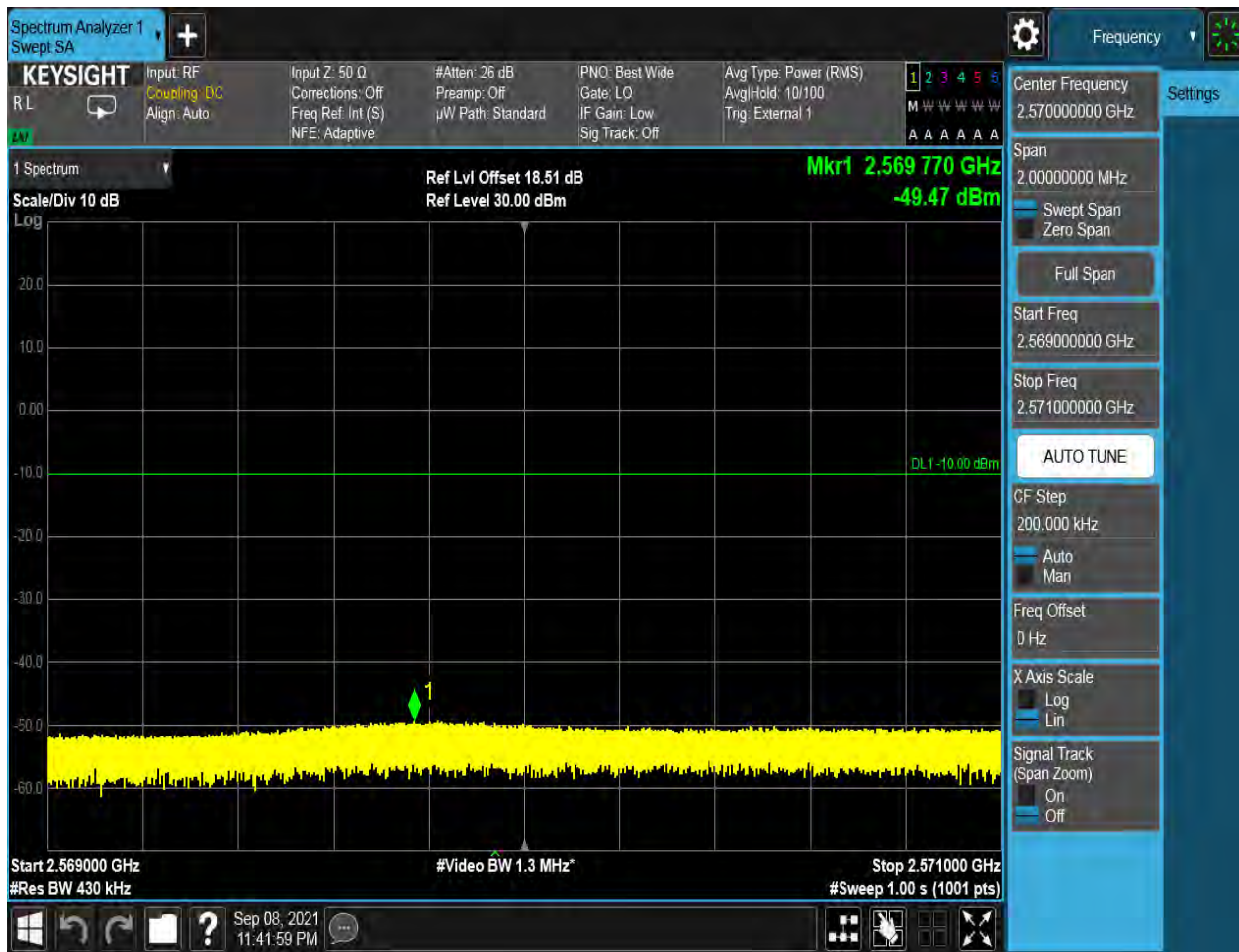




5.1.1.2.4.1.2 Test RB = RB1#99







5.1.1.2.4.1.3 Test RB = RB50#25







5.1.1.2.4.1.4 Test RB = RB100#0



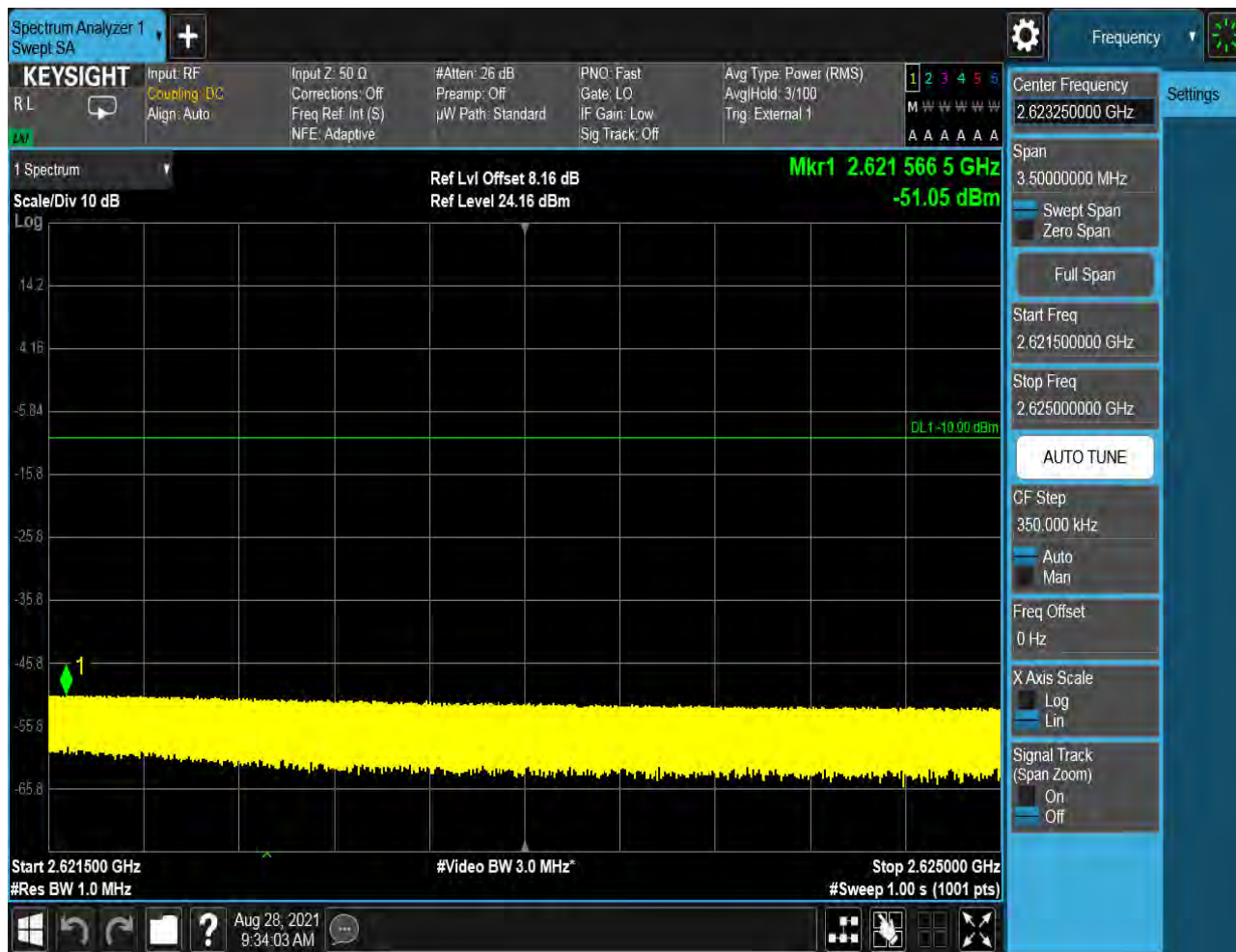


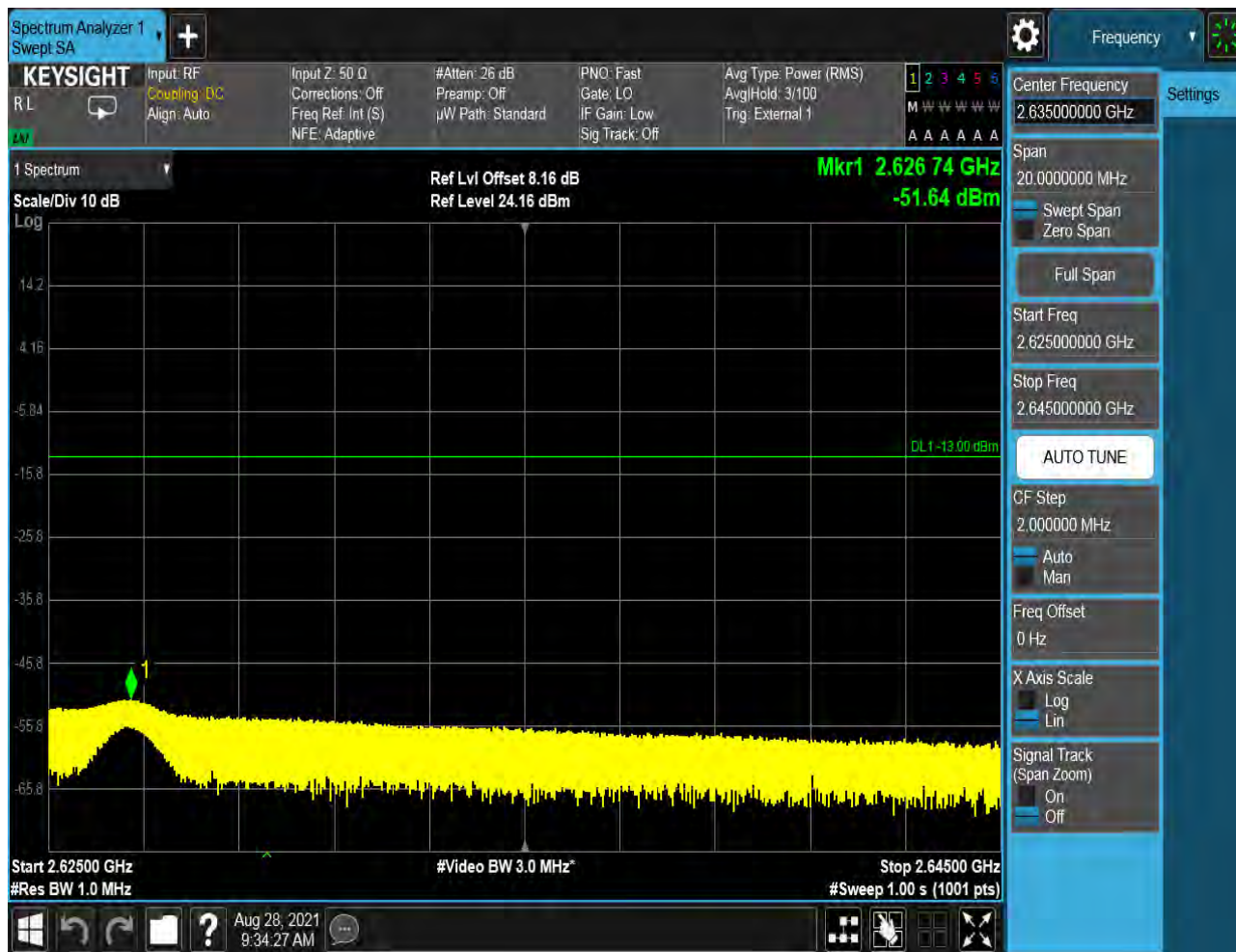


5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



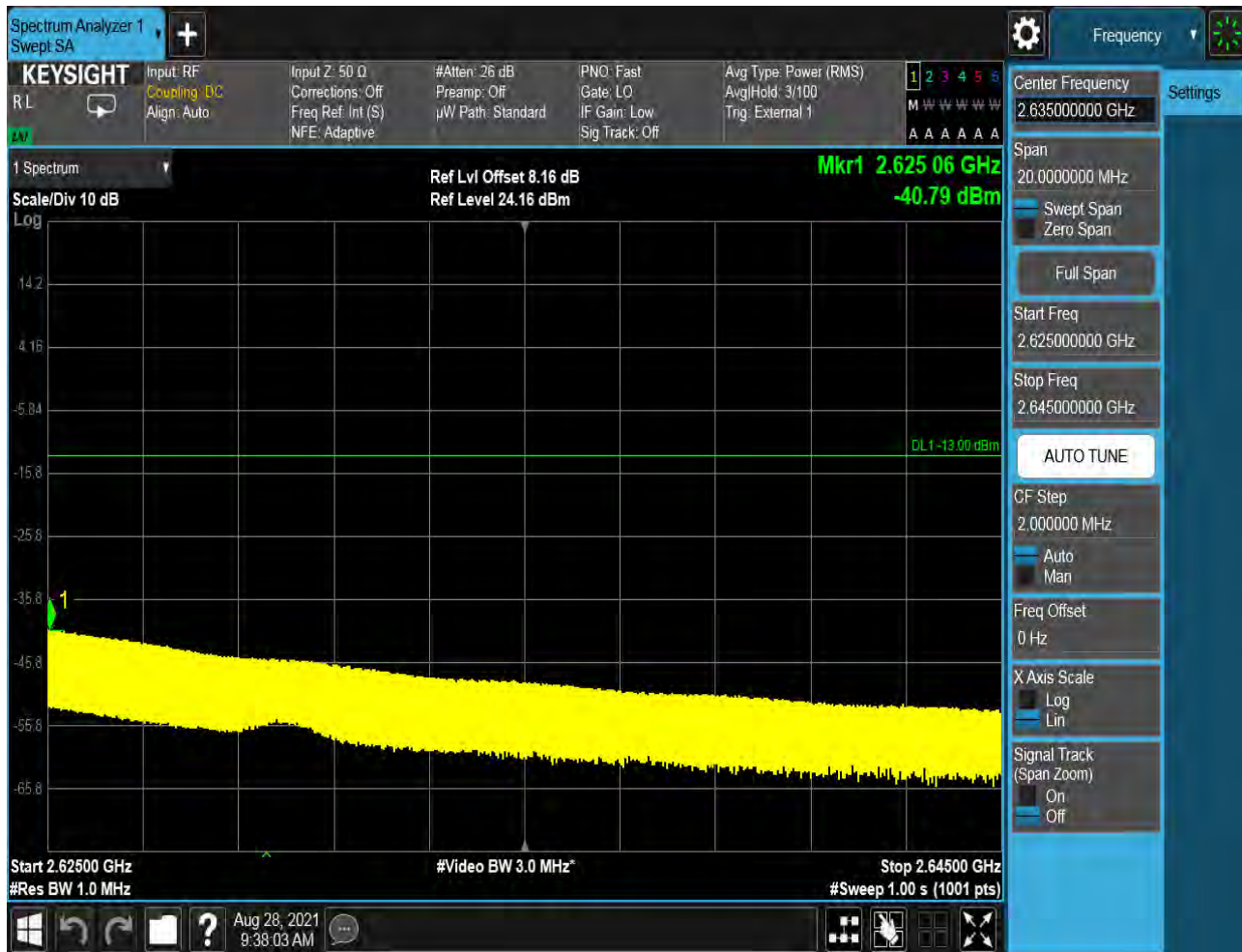




5.1.1.2.4.2.2 Test RB = RB1#99







5.1.1.2.4.2.3 Test RB = RB50#25







5.1.1.2.4.2.4 Test RB = RB100#0







6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = Band38

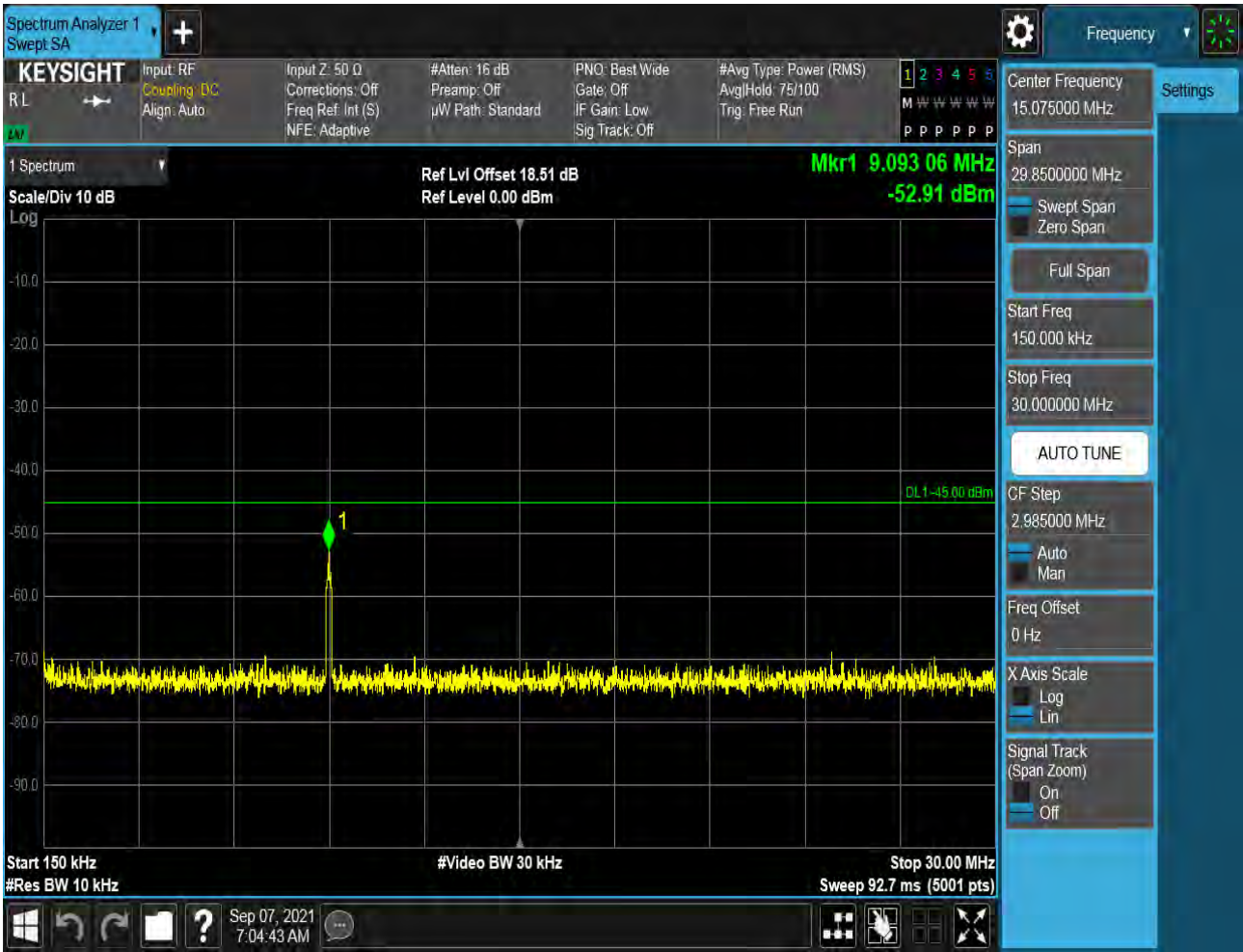
6.1.1.1 Test Mode = LTE/TM1

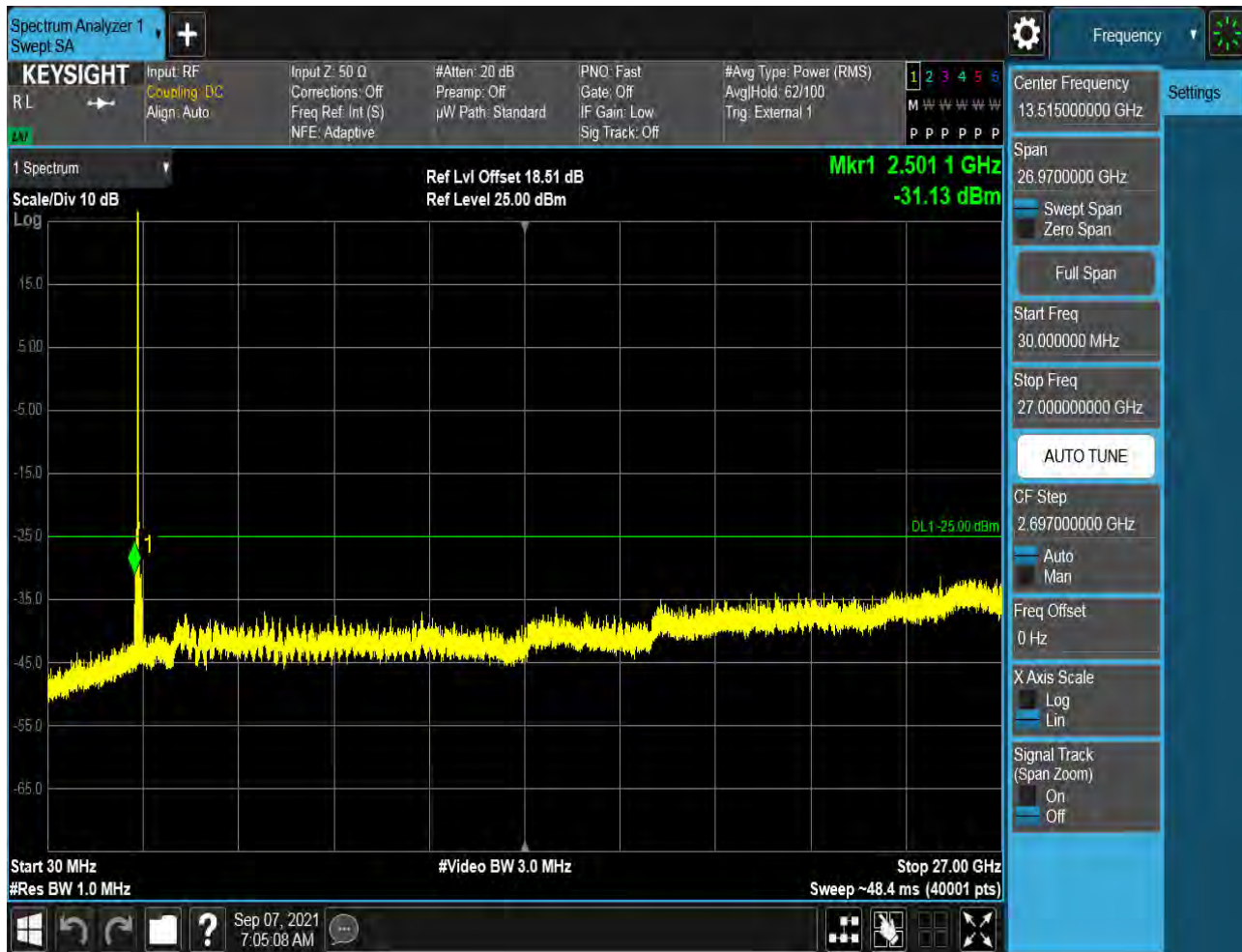
6.2.1.1.1 Test Bandwidth = 5

6.2.1.1.1.1 Test Channel = LCH

6.2.1.1.1.1.1 Test RB = RB1#0



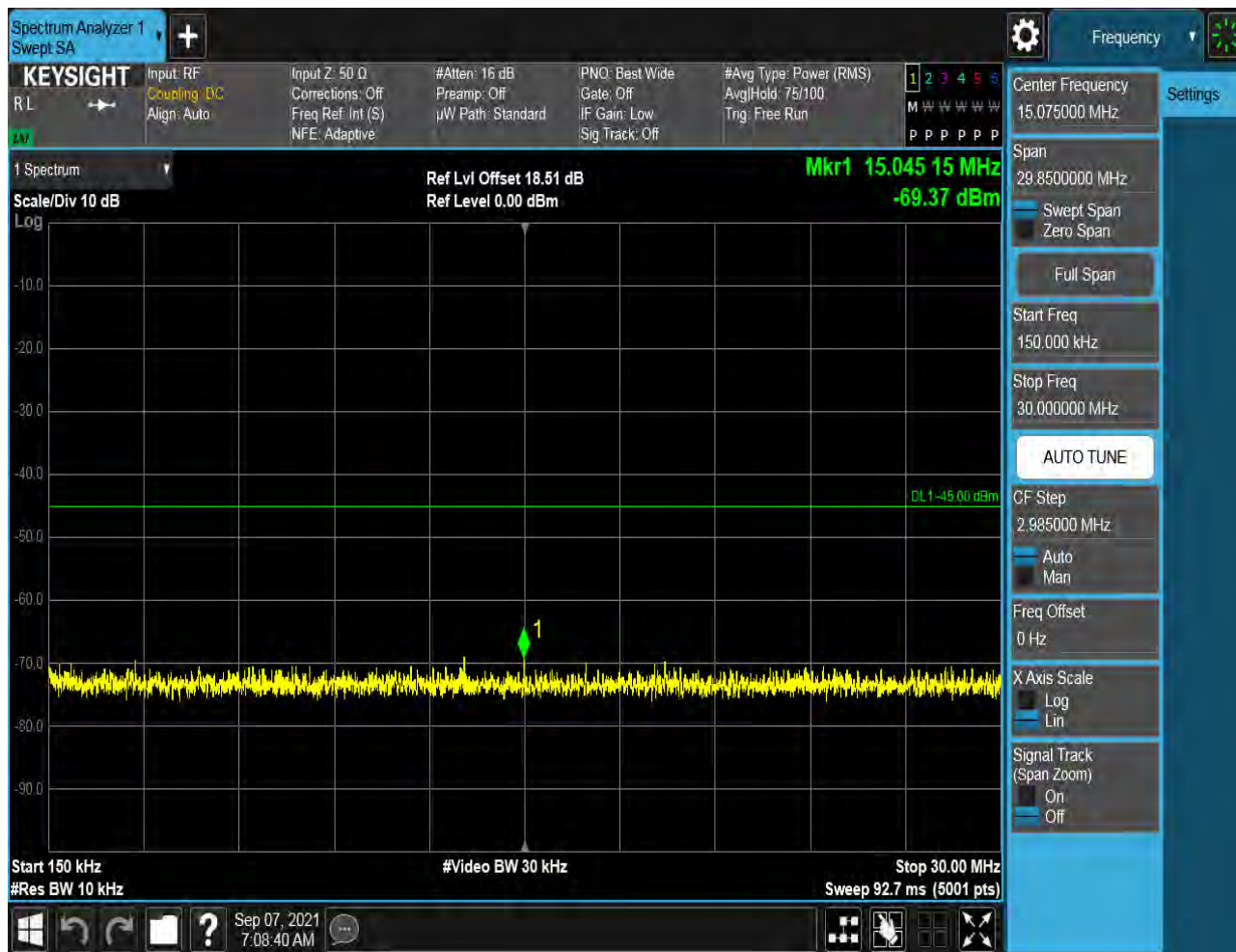




6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0





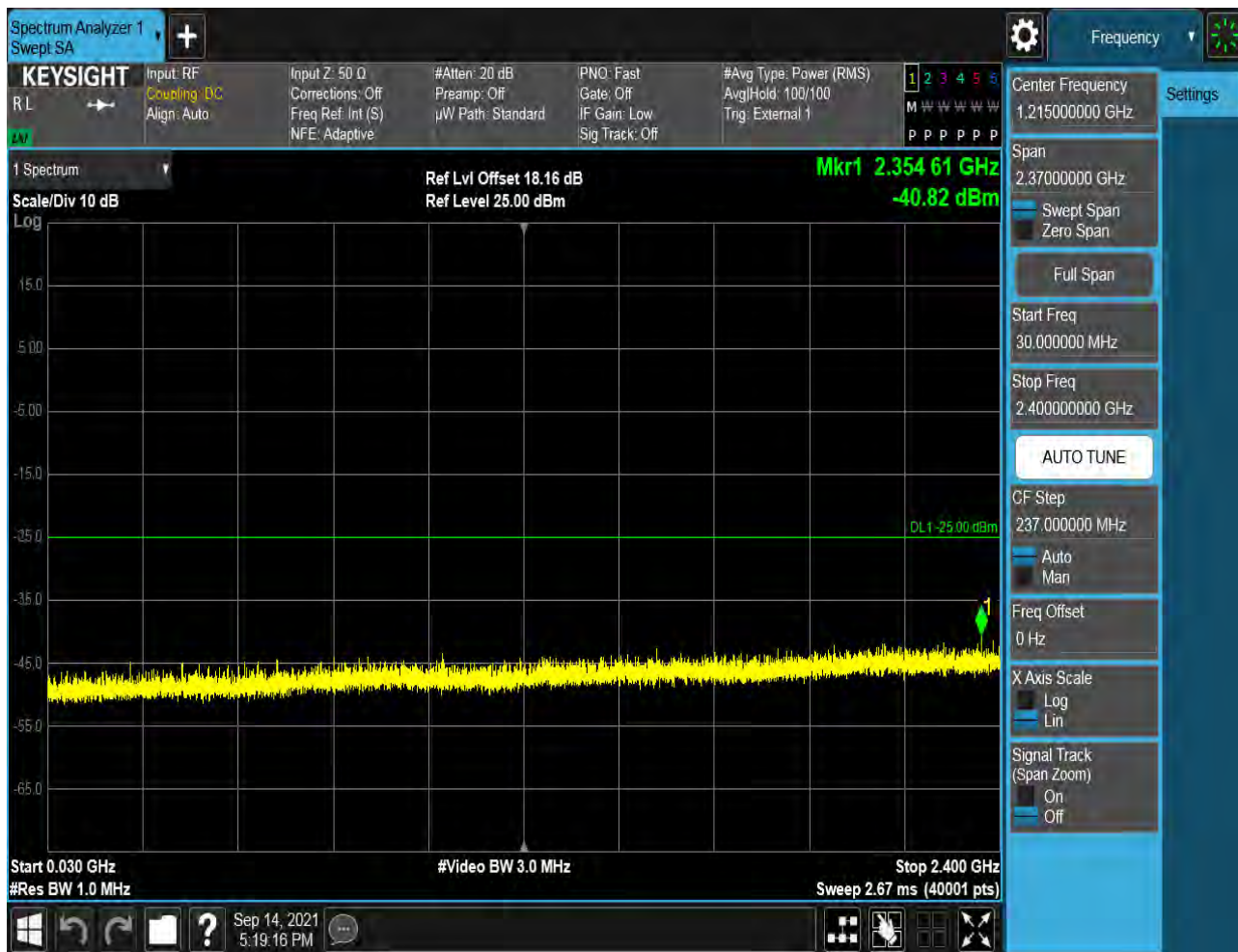


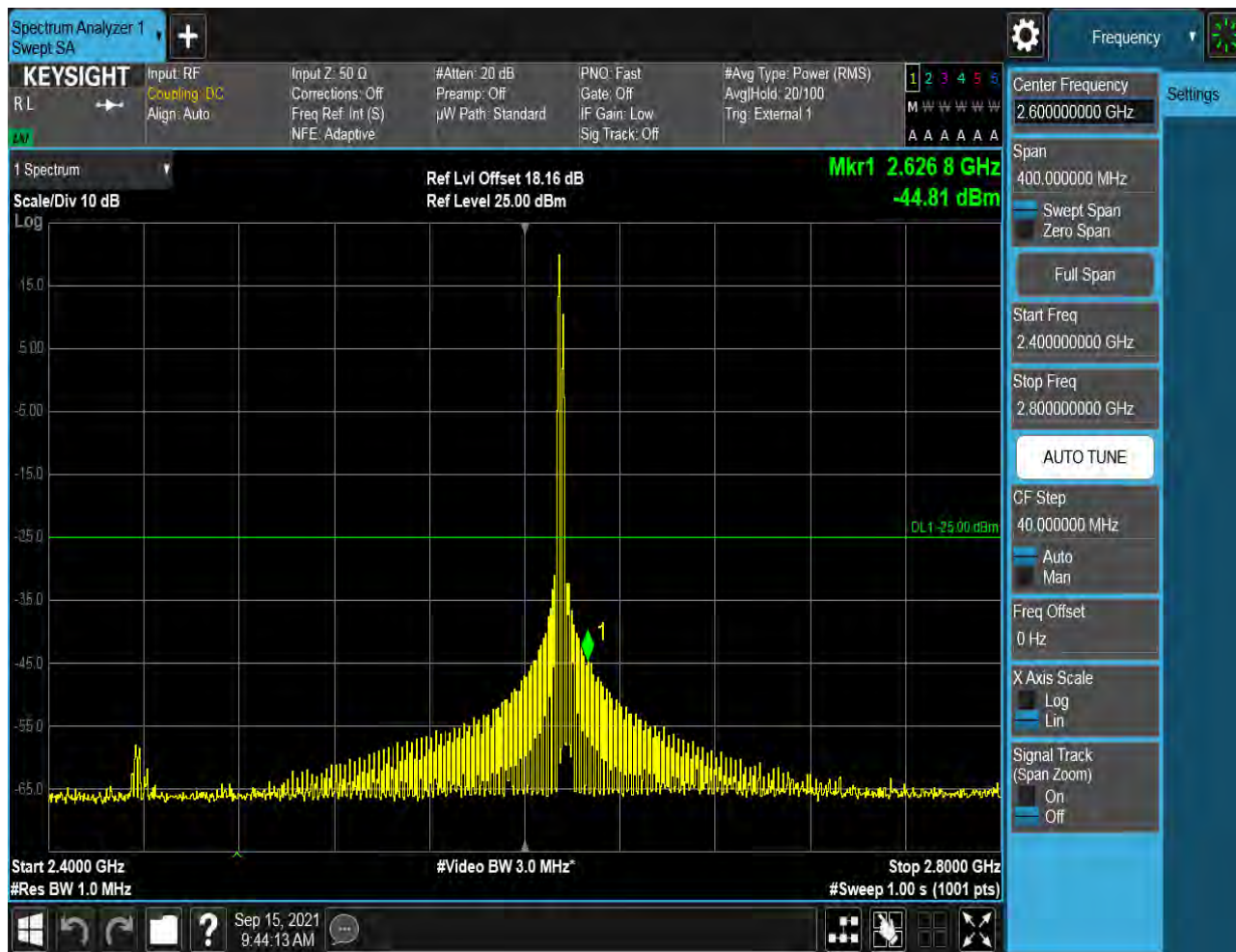
6.2.1.1.1.3 Test Channel = HCH

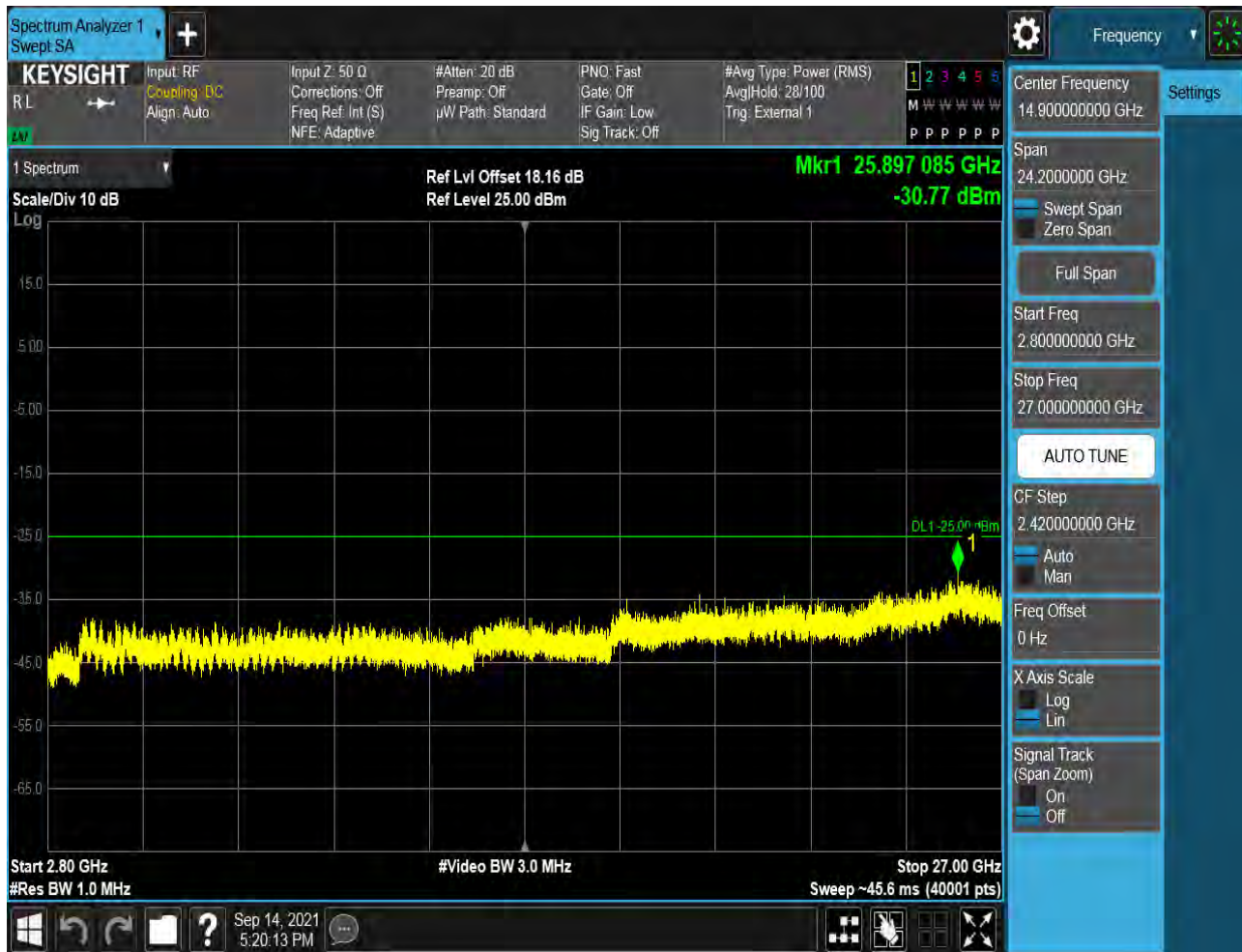
6.2.1.1.1.3.1 Test RB = RB1#0











6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0

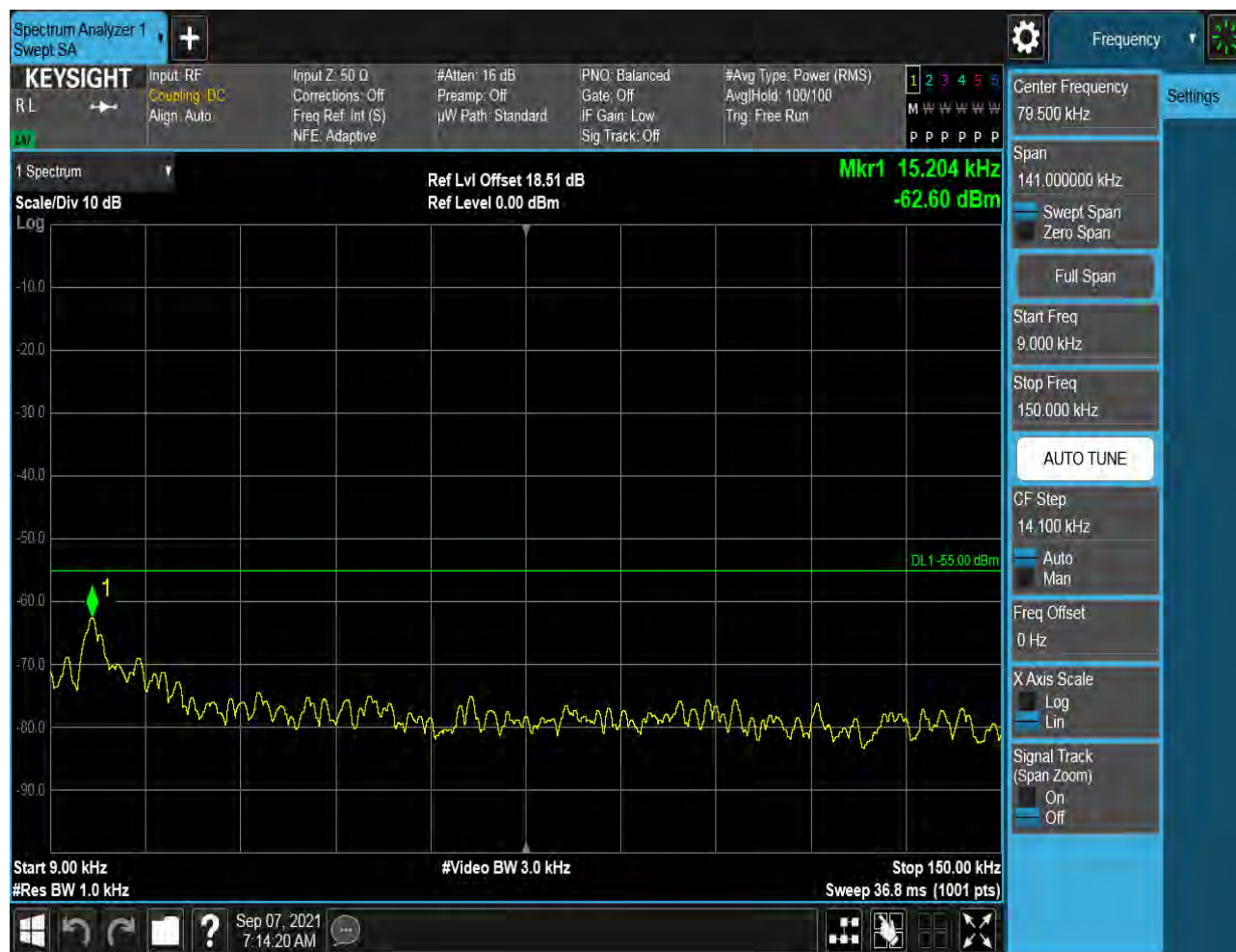






6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0





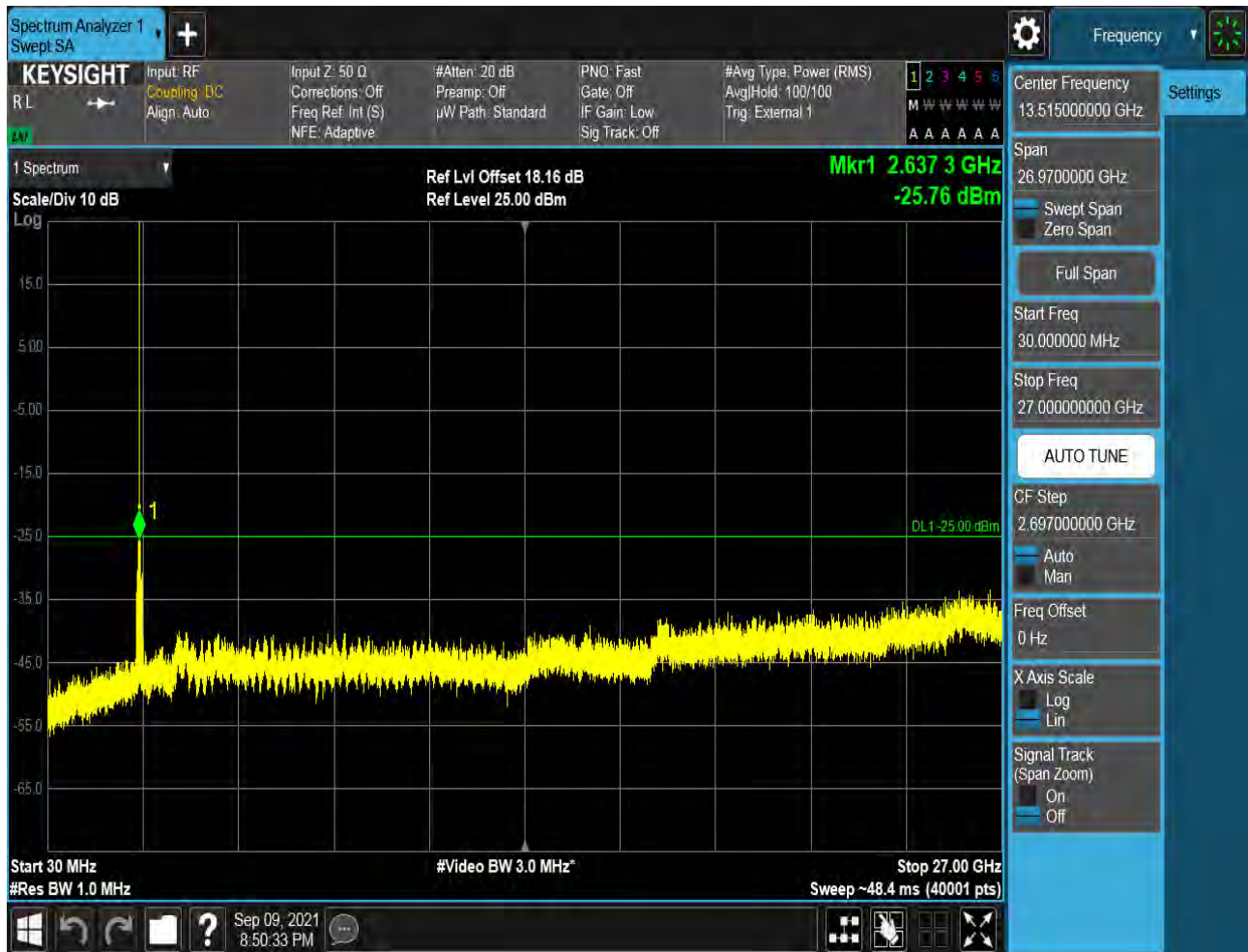


6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0





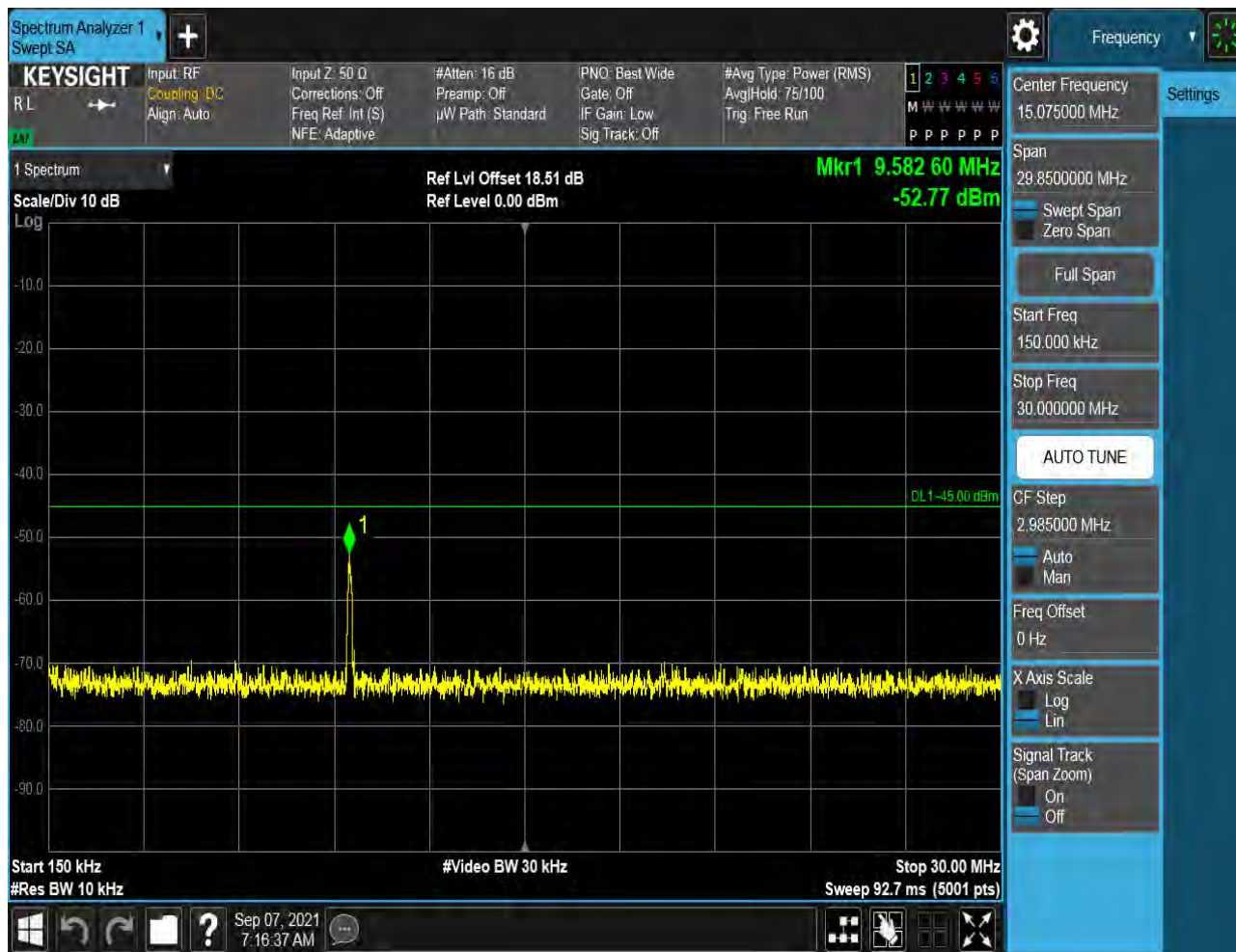


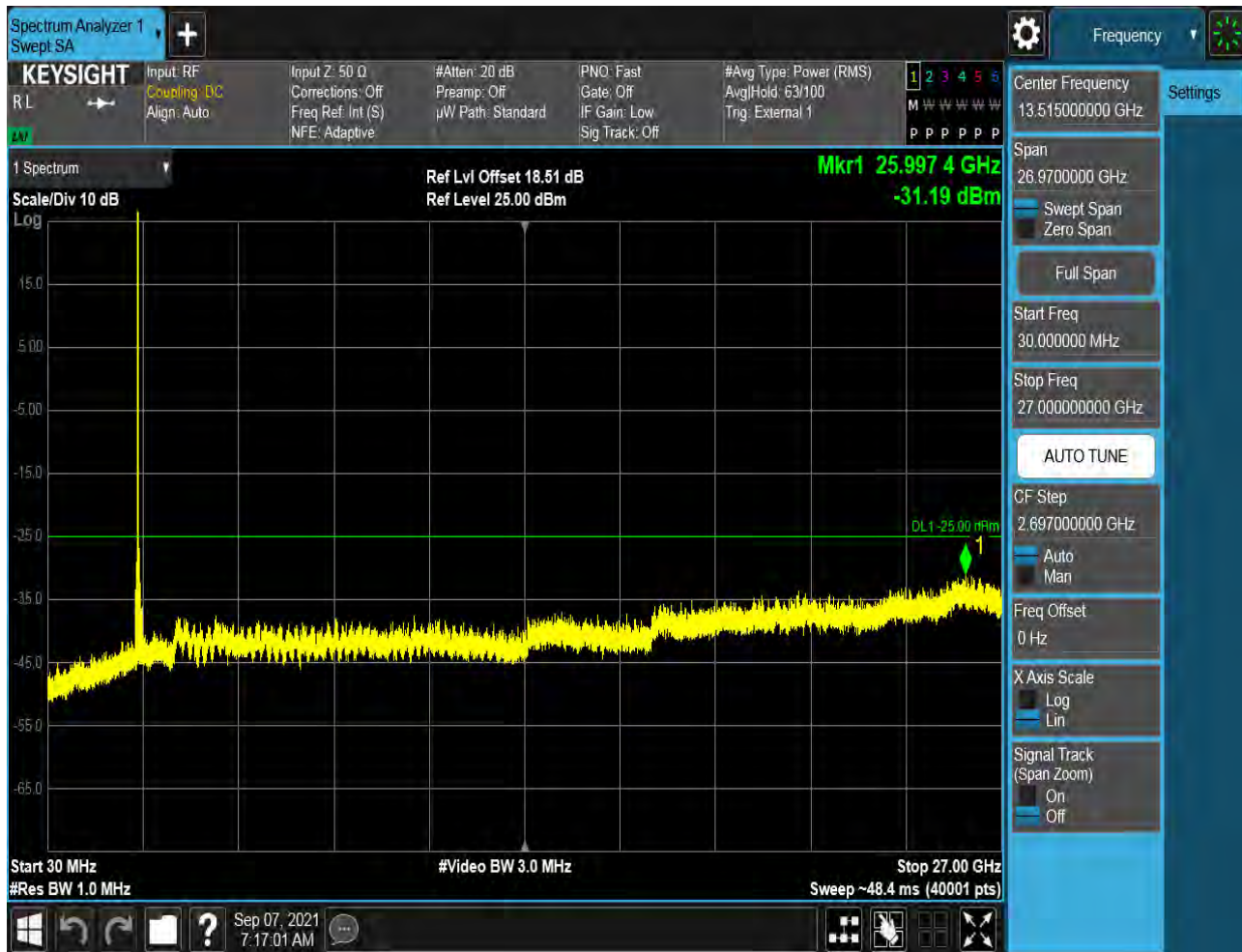
6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0



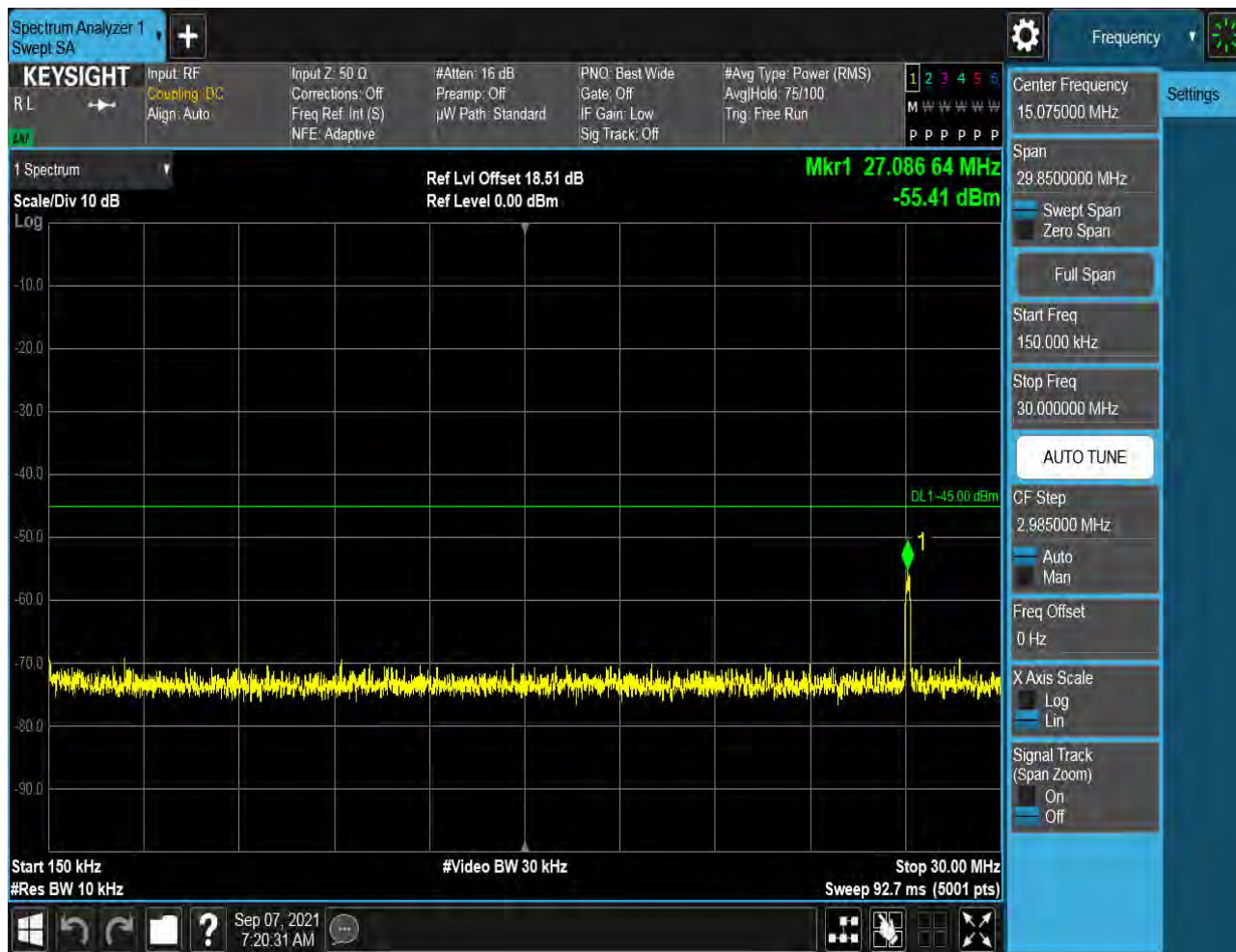




6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0







6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0

