



5.1.1.1.4.1.3 Test RB = RB50#25









5.1.1.1.4.1.4 Test RB = RB100#0





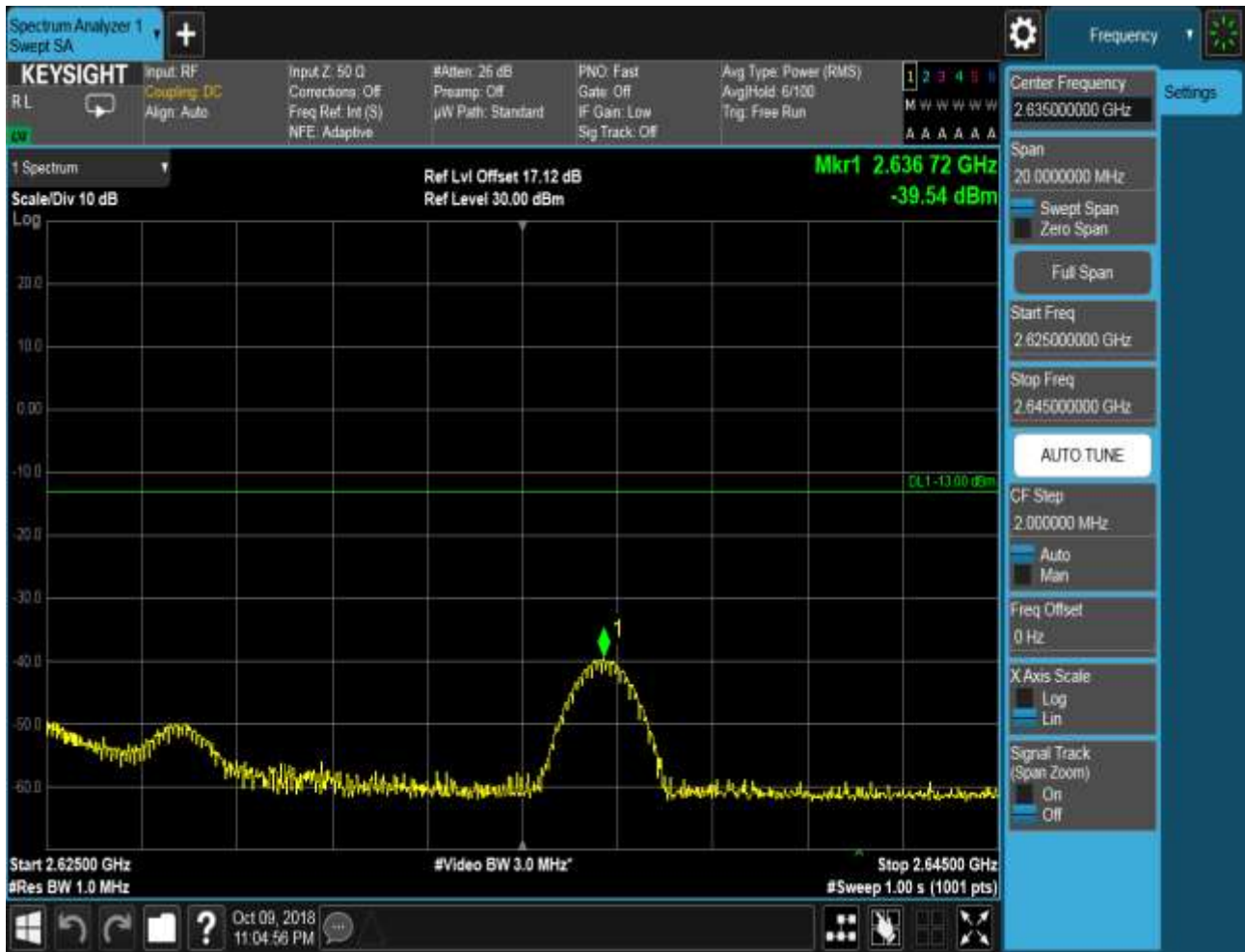


5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0

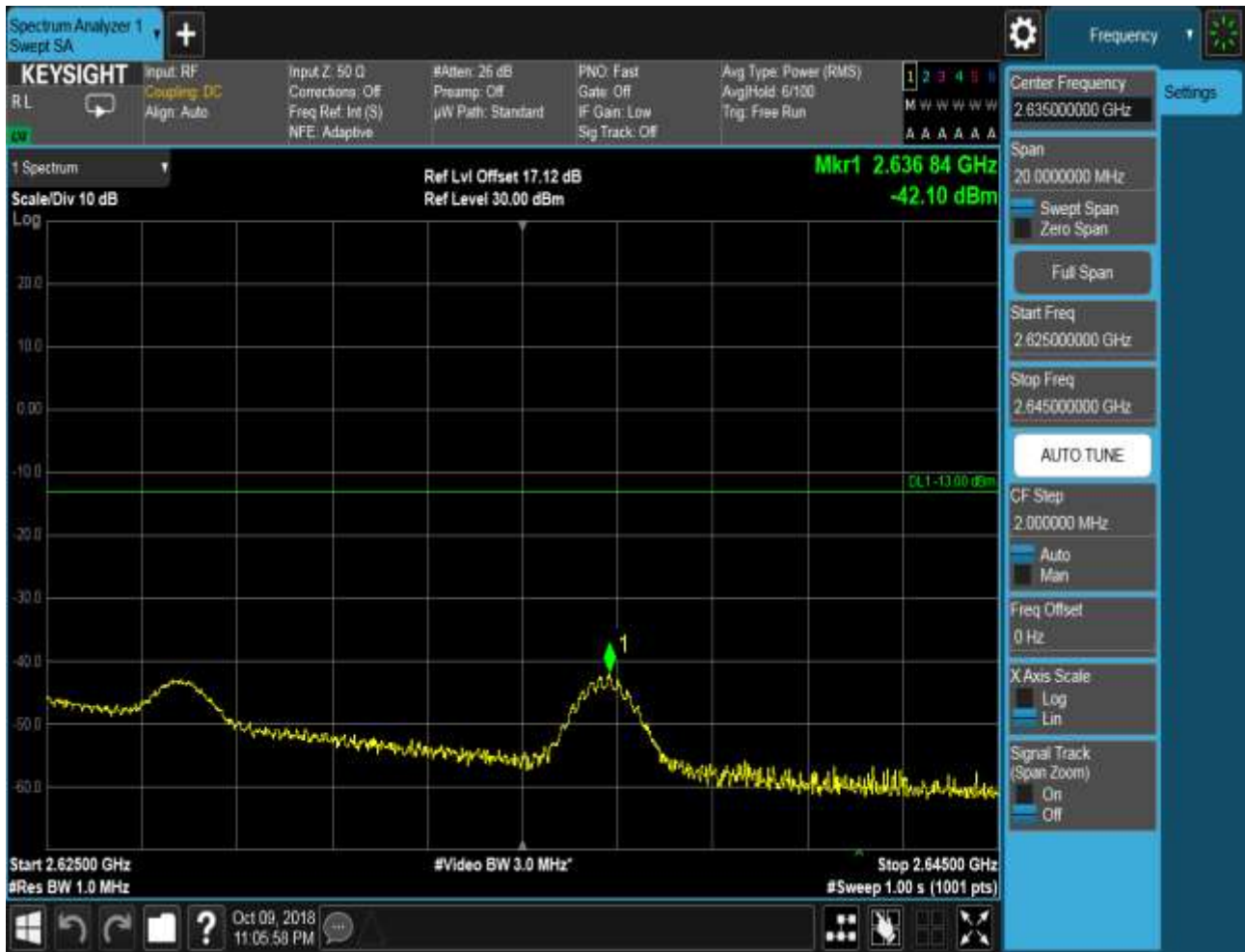






5.1.1.1.4.2.2 Test RB = RB1#99







5.1.1.1.4.2.3 Test RB = RB50#25







5.1.1.1.4.2.4 Test RB = RB100#0





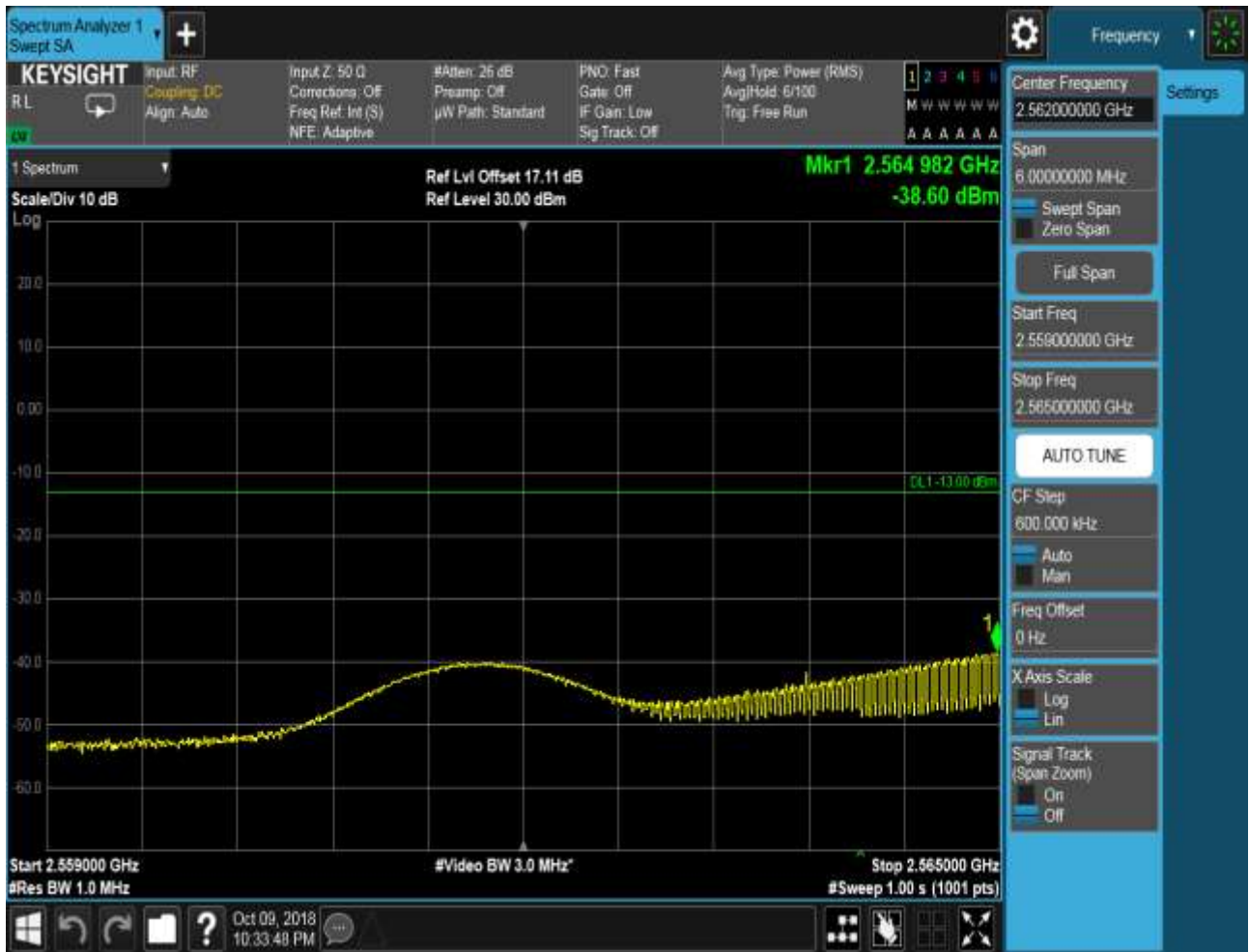


5.1.1.2 Test Mode = LTE/TM2

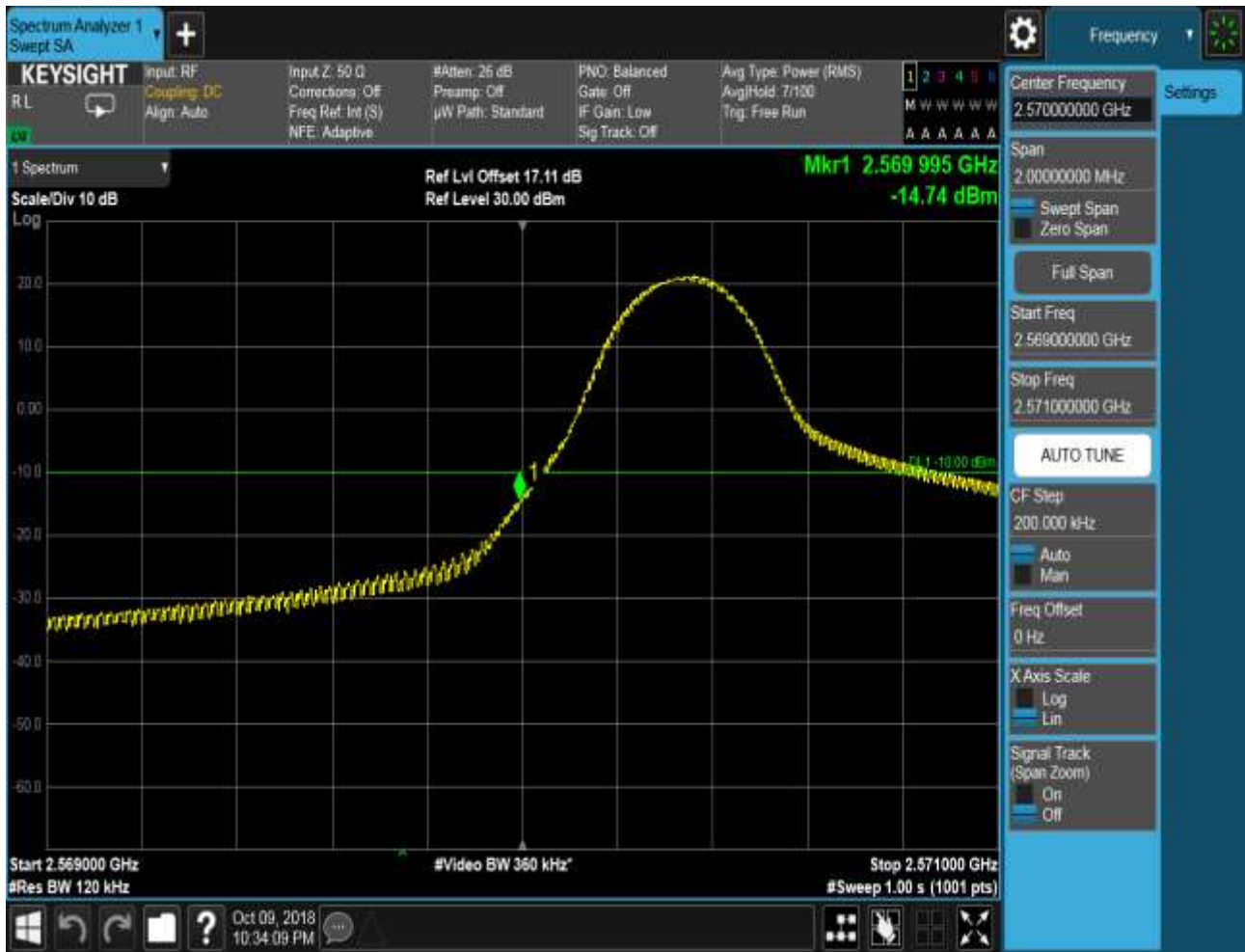
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0

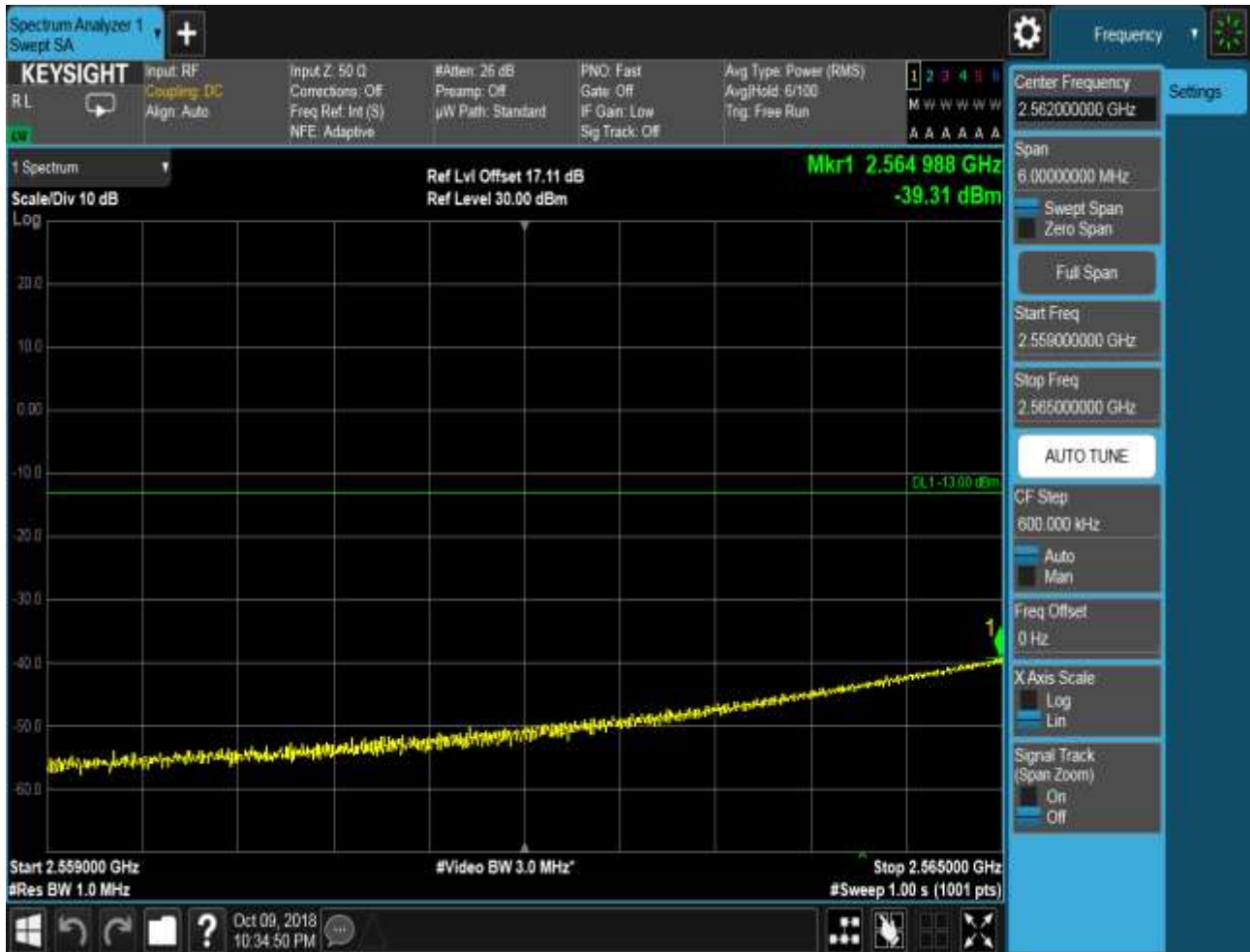


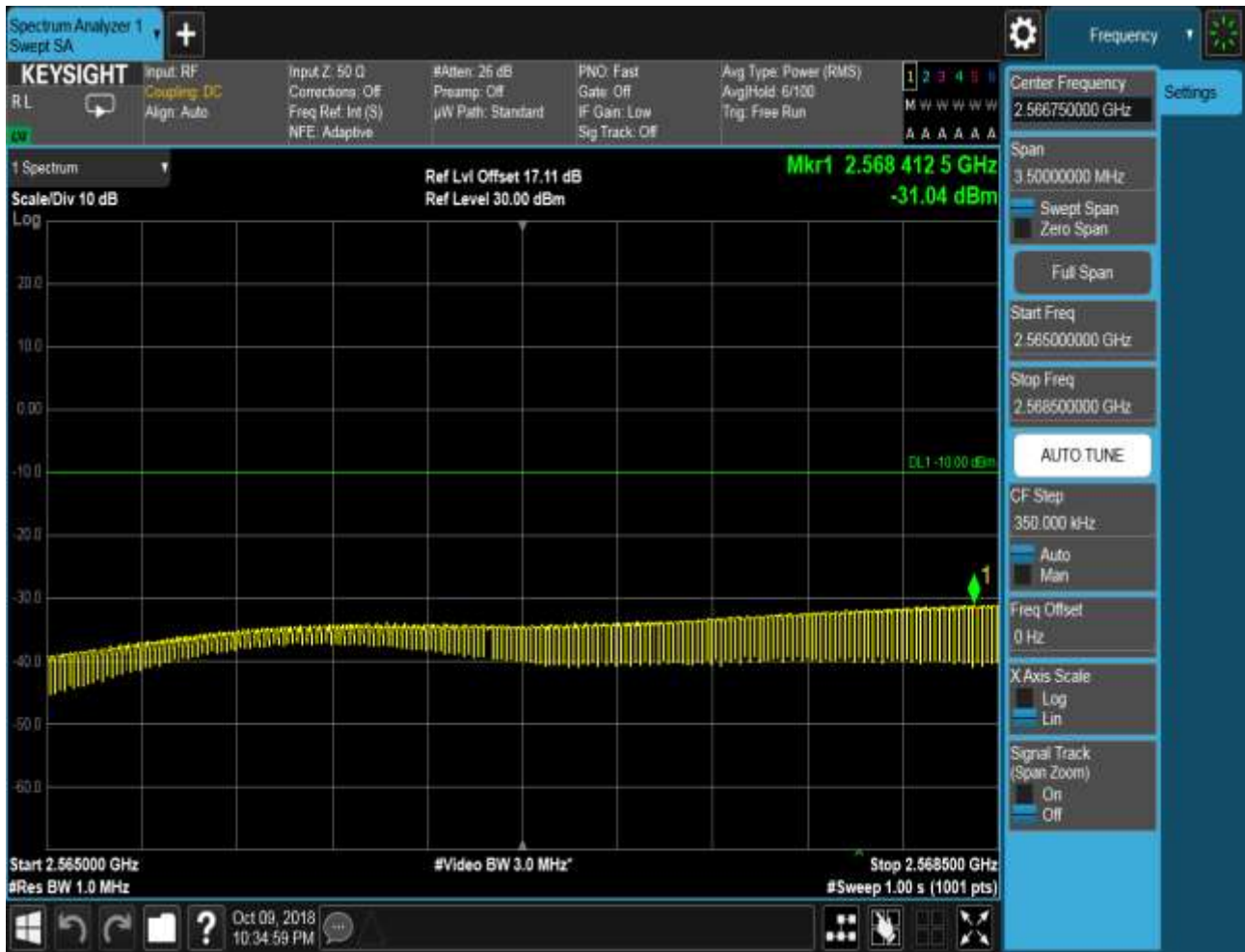






5.1.1.2.1.1.2 Test RB = RB1#24

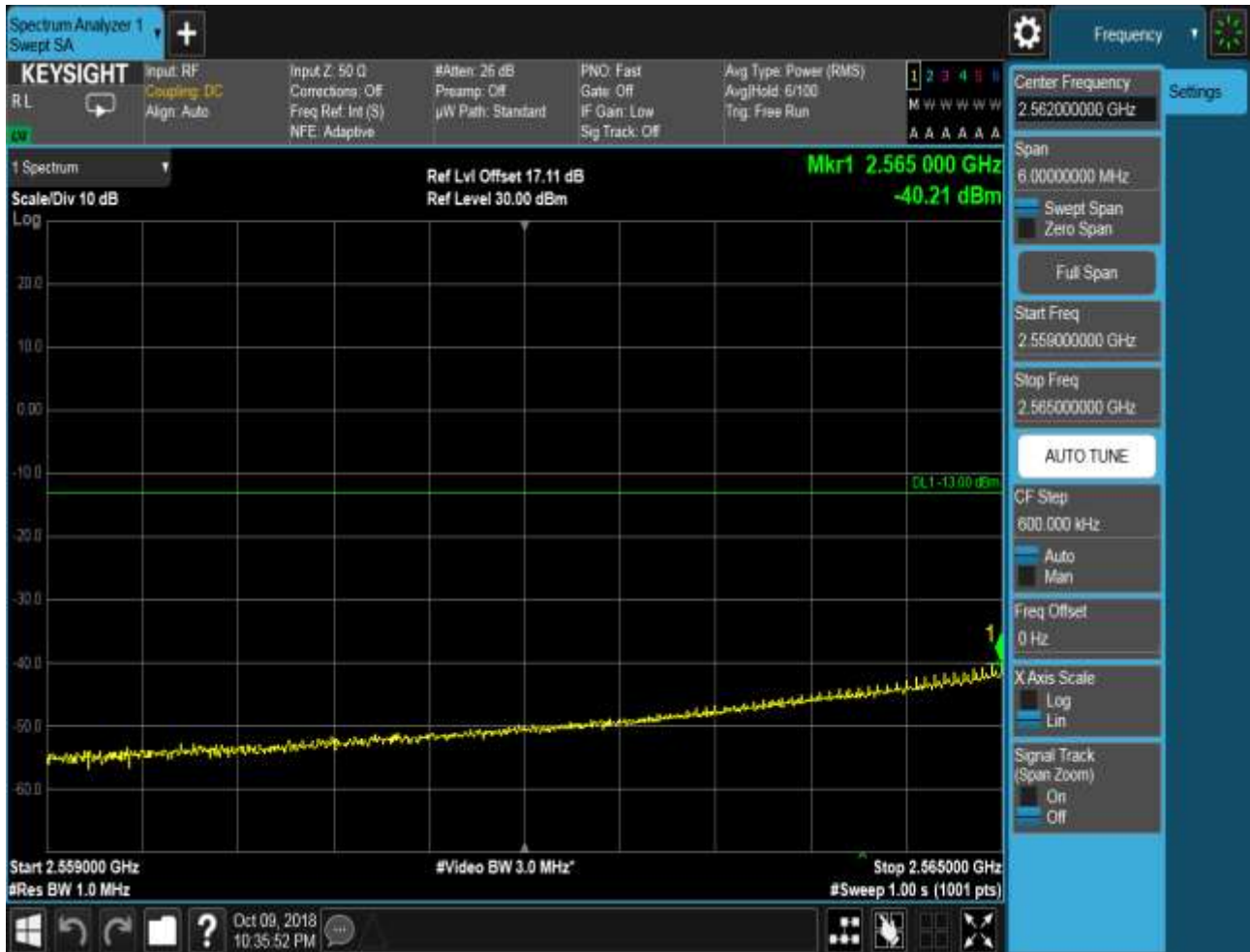








5.1.1.2.1.1.3 Test RB = RB12#6









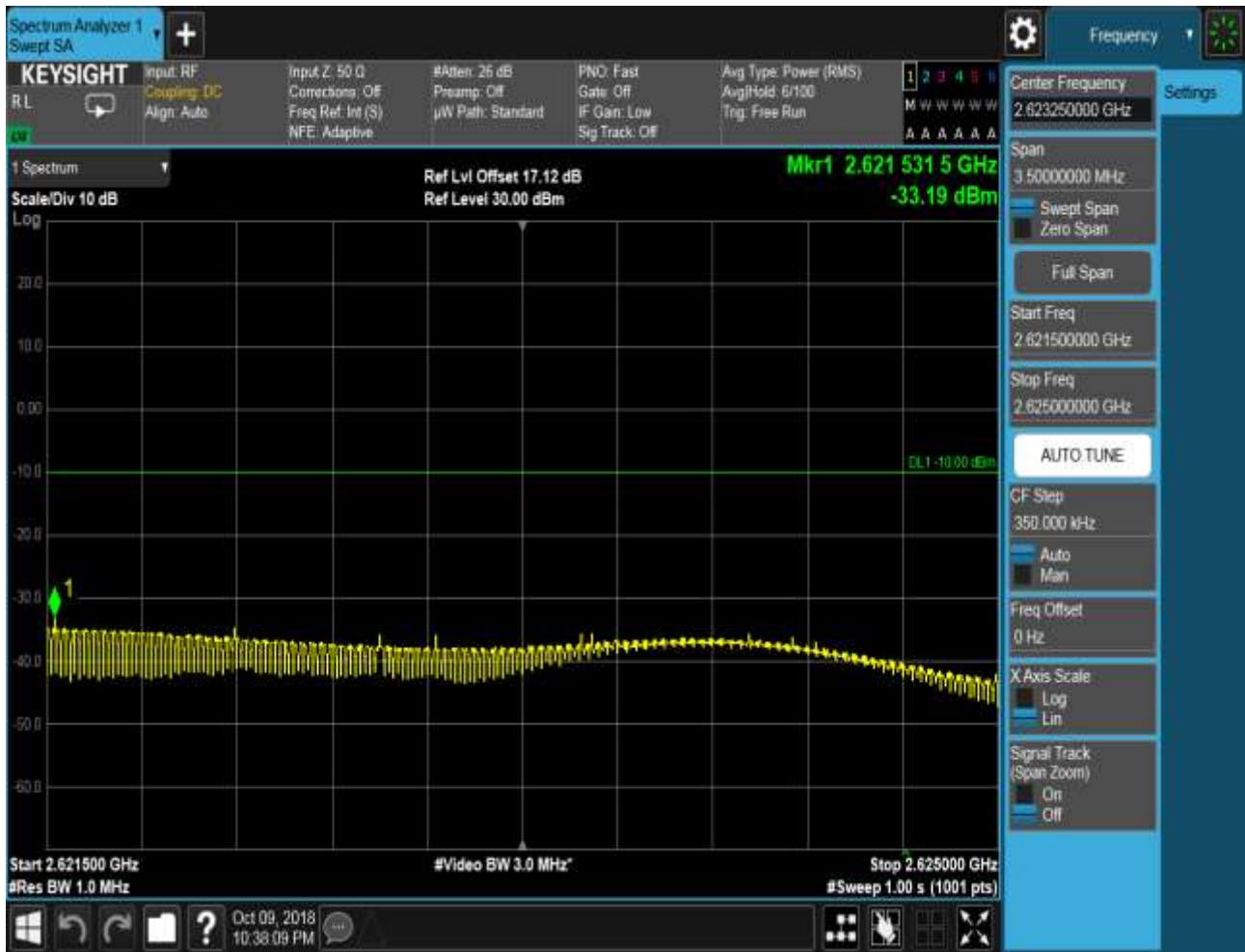


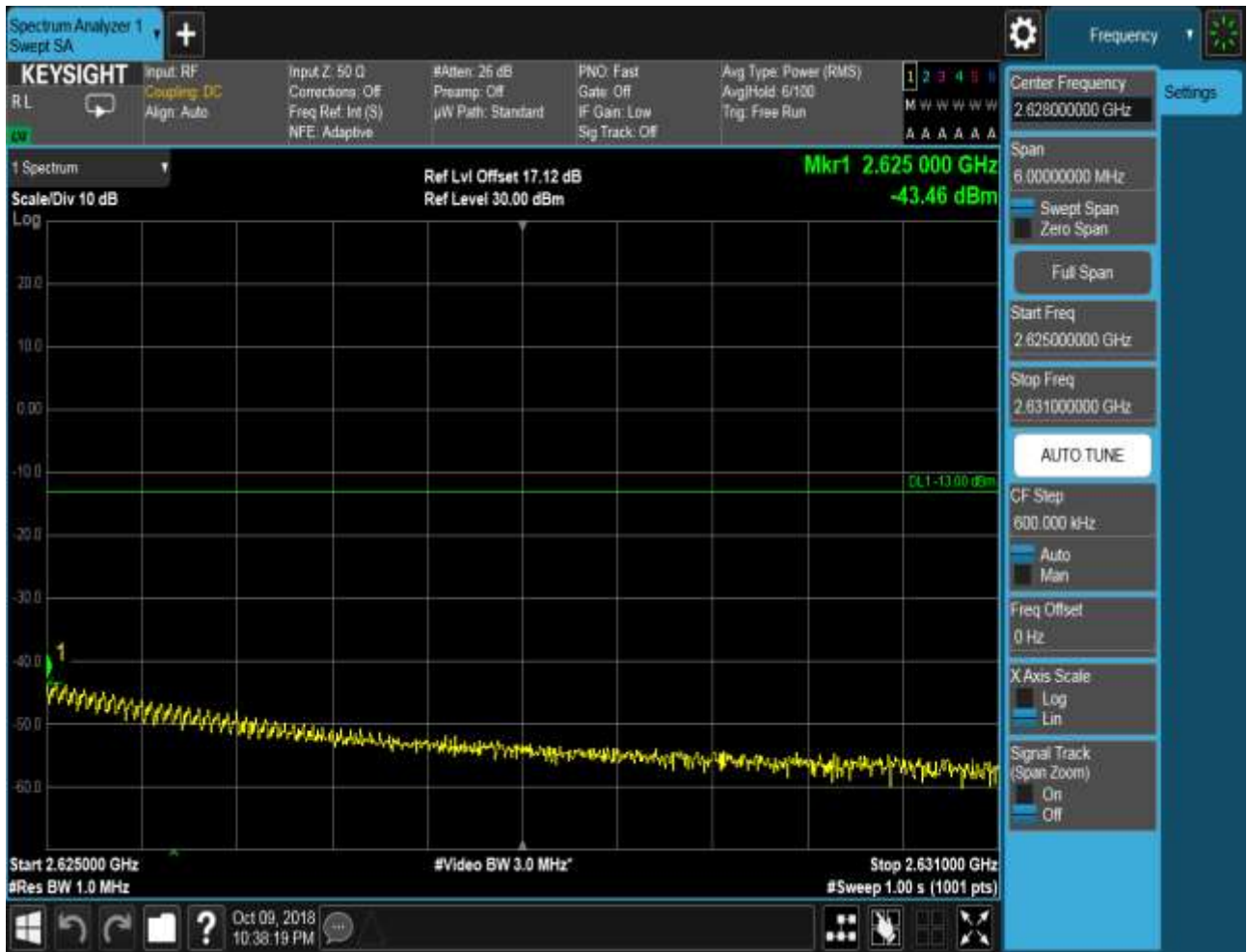


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

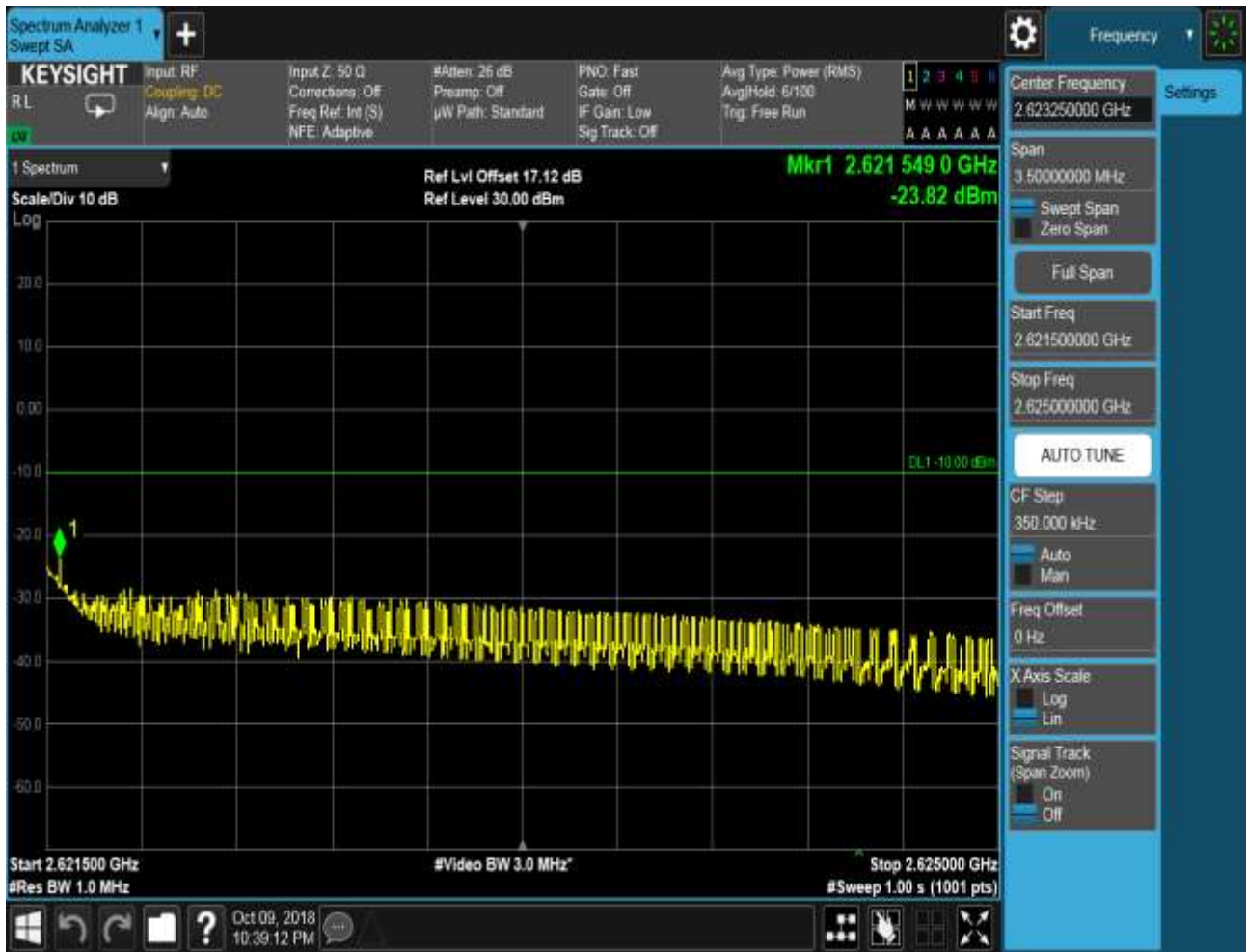






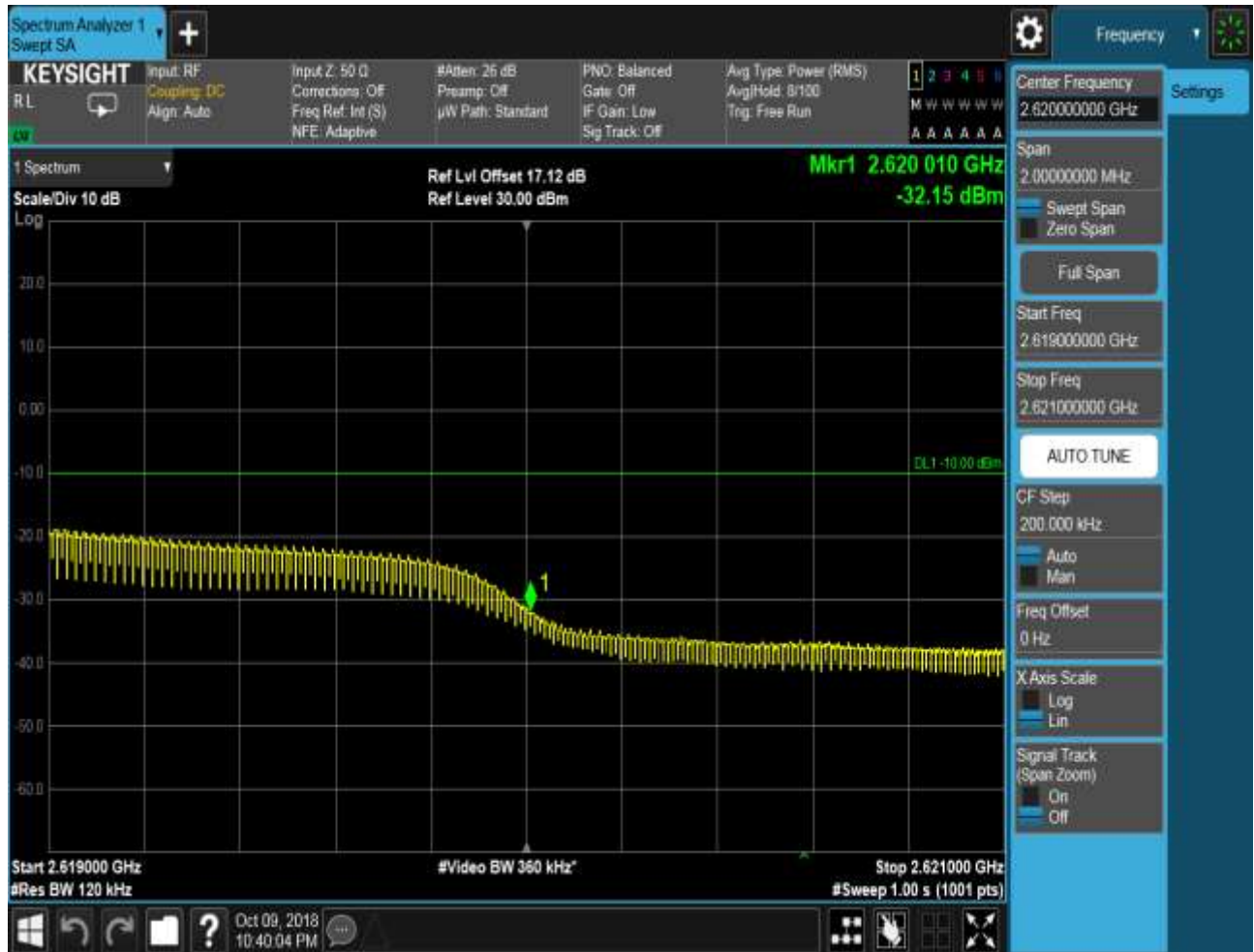
5.1.1.2.1.2.2 Test RB = RB1#24

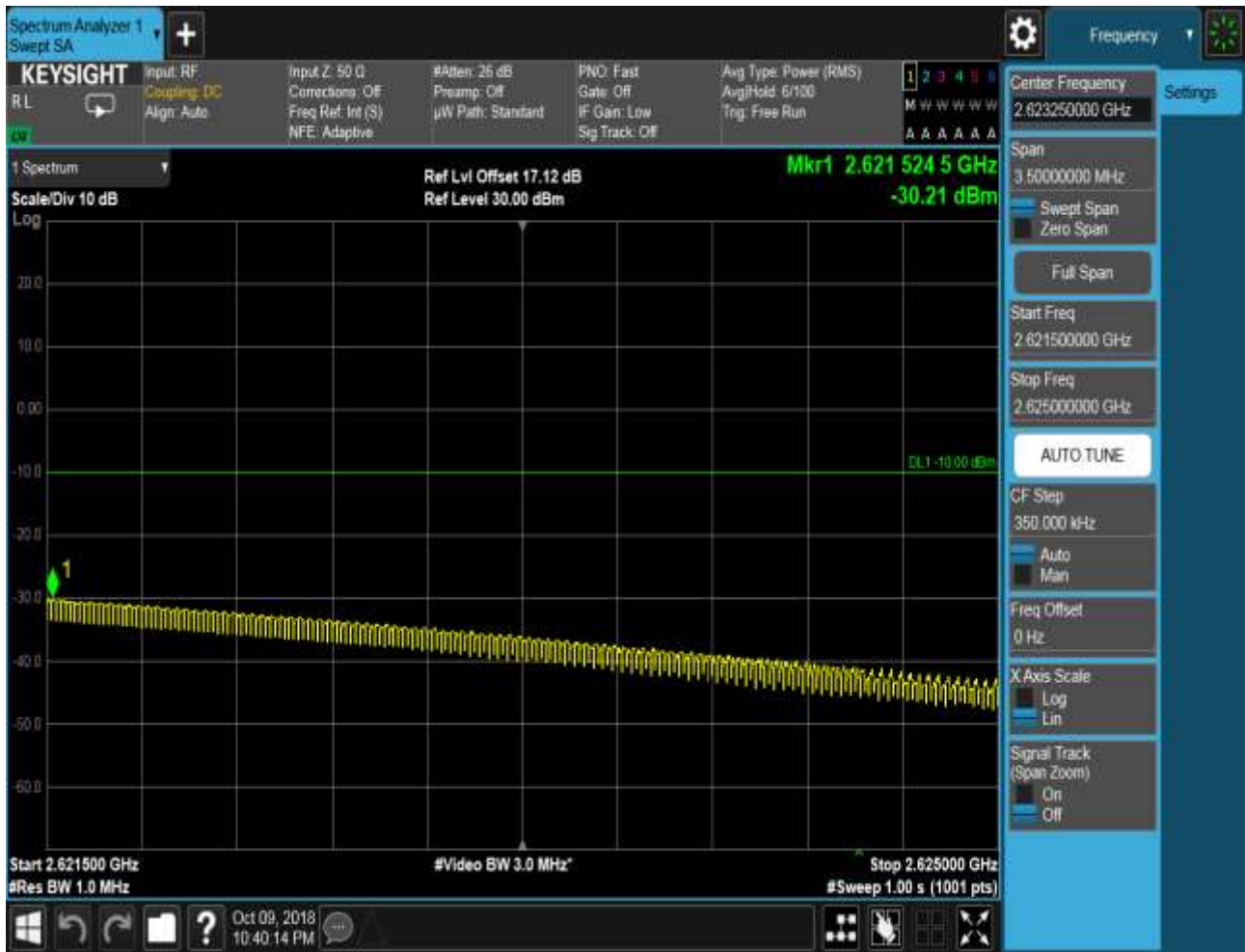






5.1.1.2.1.2.3 Test RB = RB12#6









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

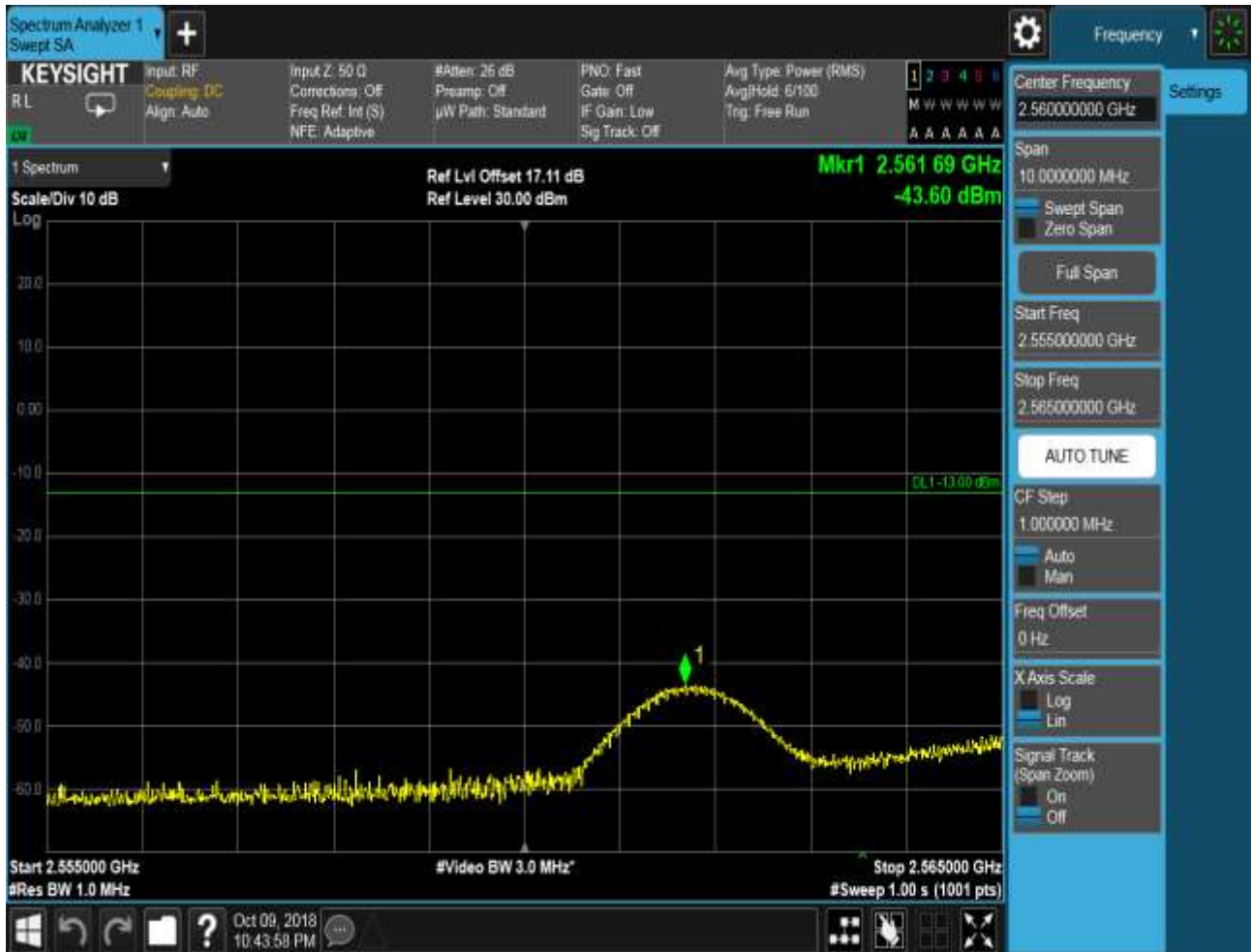
5.1.1.2.2.1.1 Test RB = RB1#0

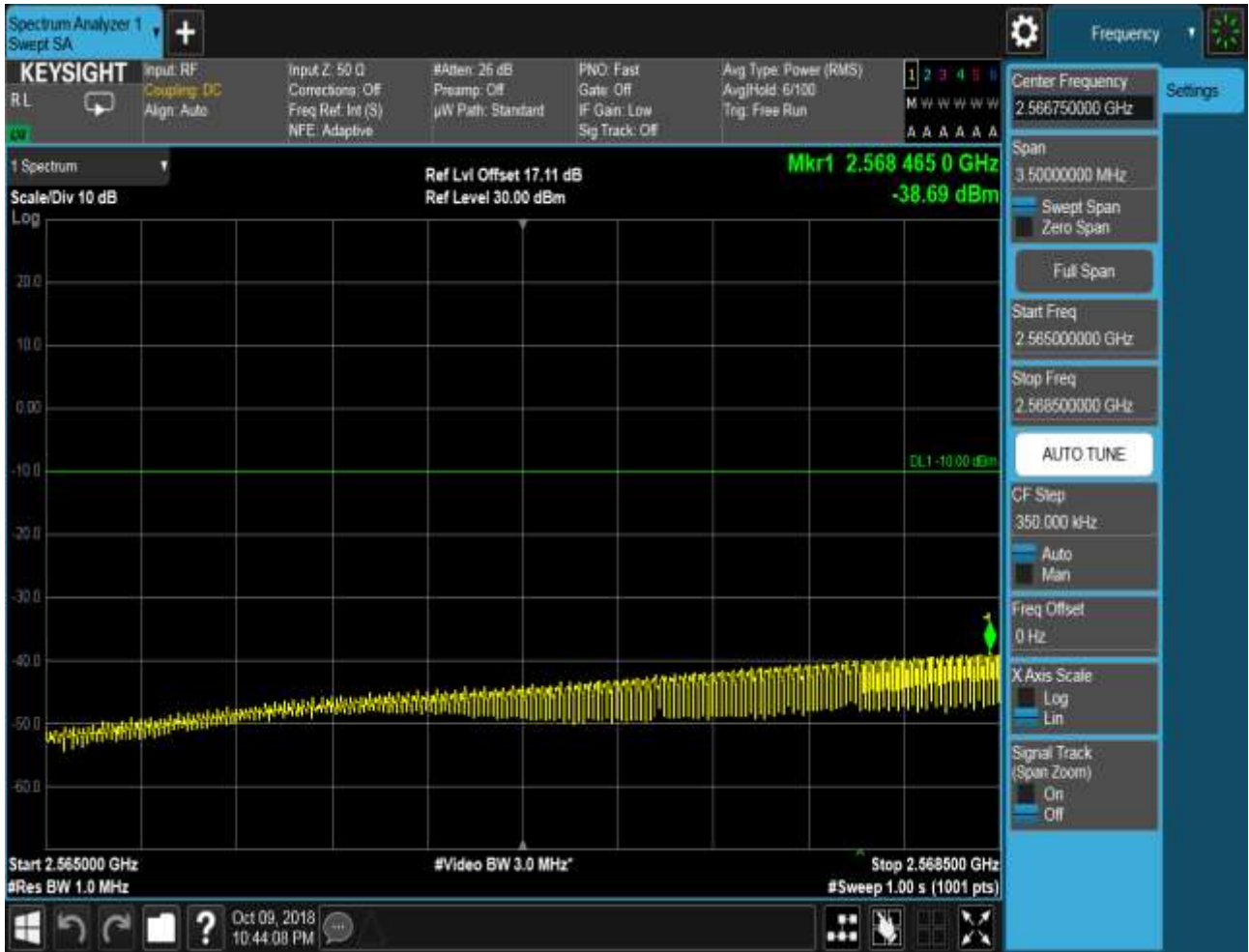






5.1.1.2.2.1.2 Test RB = RB1#49







5.1.1.2.2.1.3 Test RB = RB25#13







5.1.1.2.2.1.4 Test RB = RB50#0





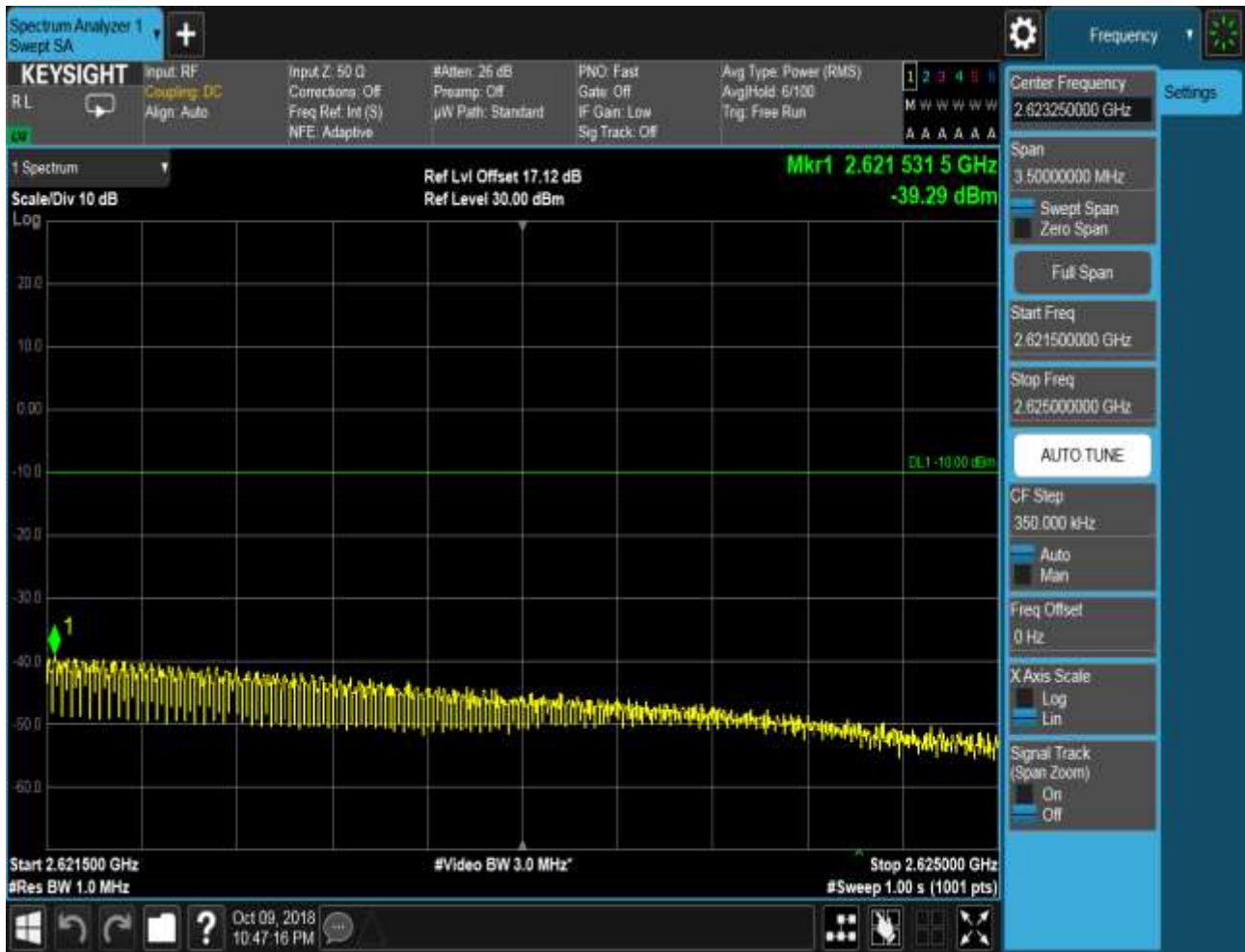


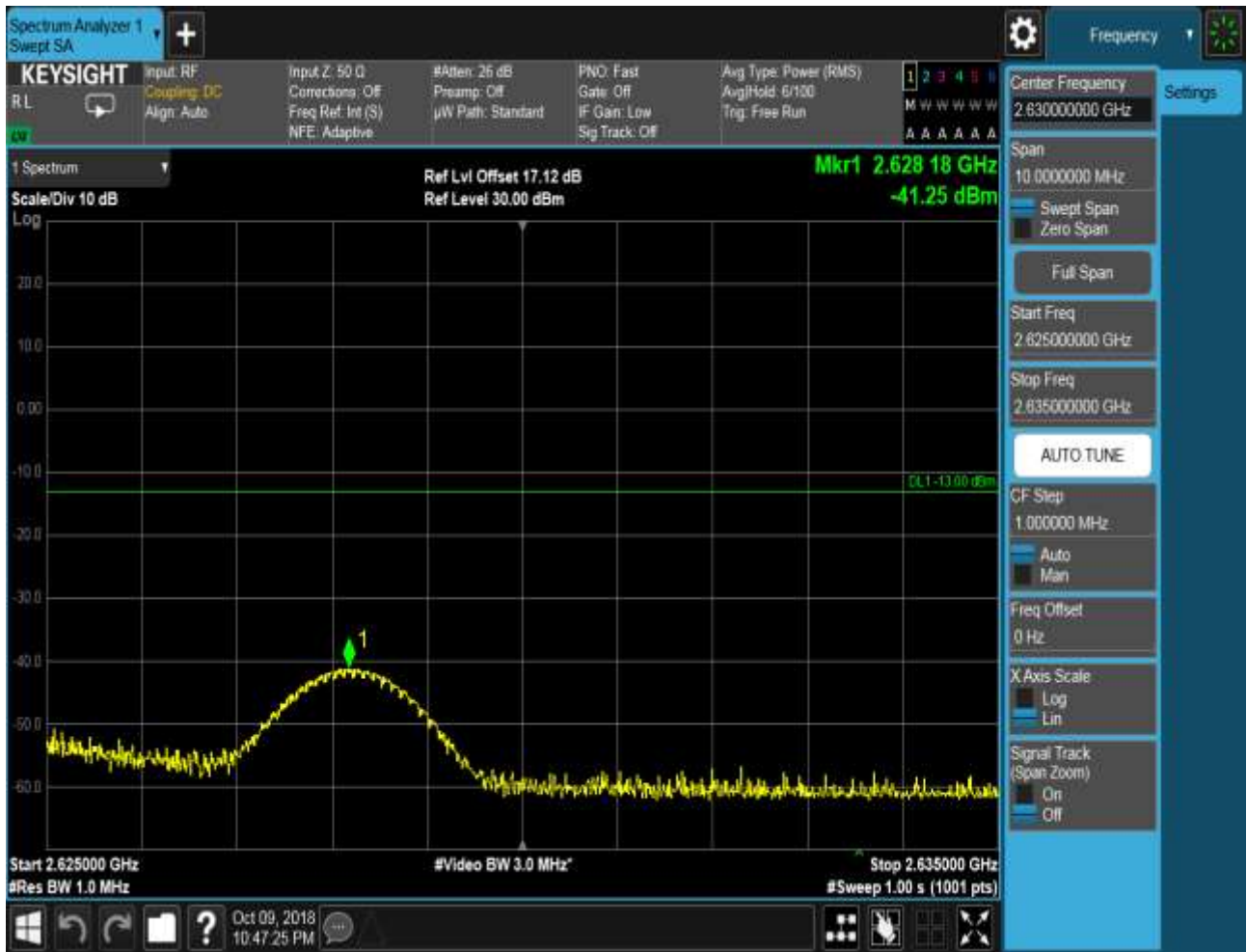


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0









Keysight Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 25 dB
Preamp: Off
μW Path: Standard

PNO: Balanced
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Power (RMS)
Avg Hold: 8/100
Trig: Free Run

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

Center Frequency
2.62000000 GHz

Span
2.00000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
2.61900000 GHz

Stop Freq
2.62100000 GHz

AUTO TUNE

CF Step
200.000 kHz

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 17.12 dB
Ref Level 30.00 dBm

Mkr1 2.620 005 GHz
-18.79 dBm

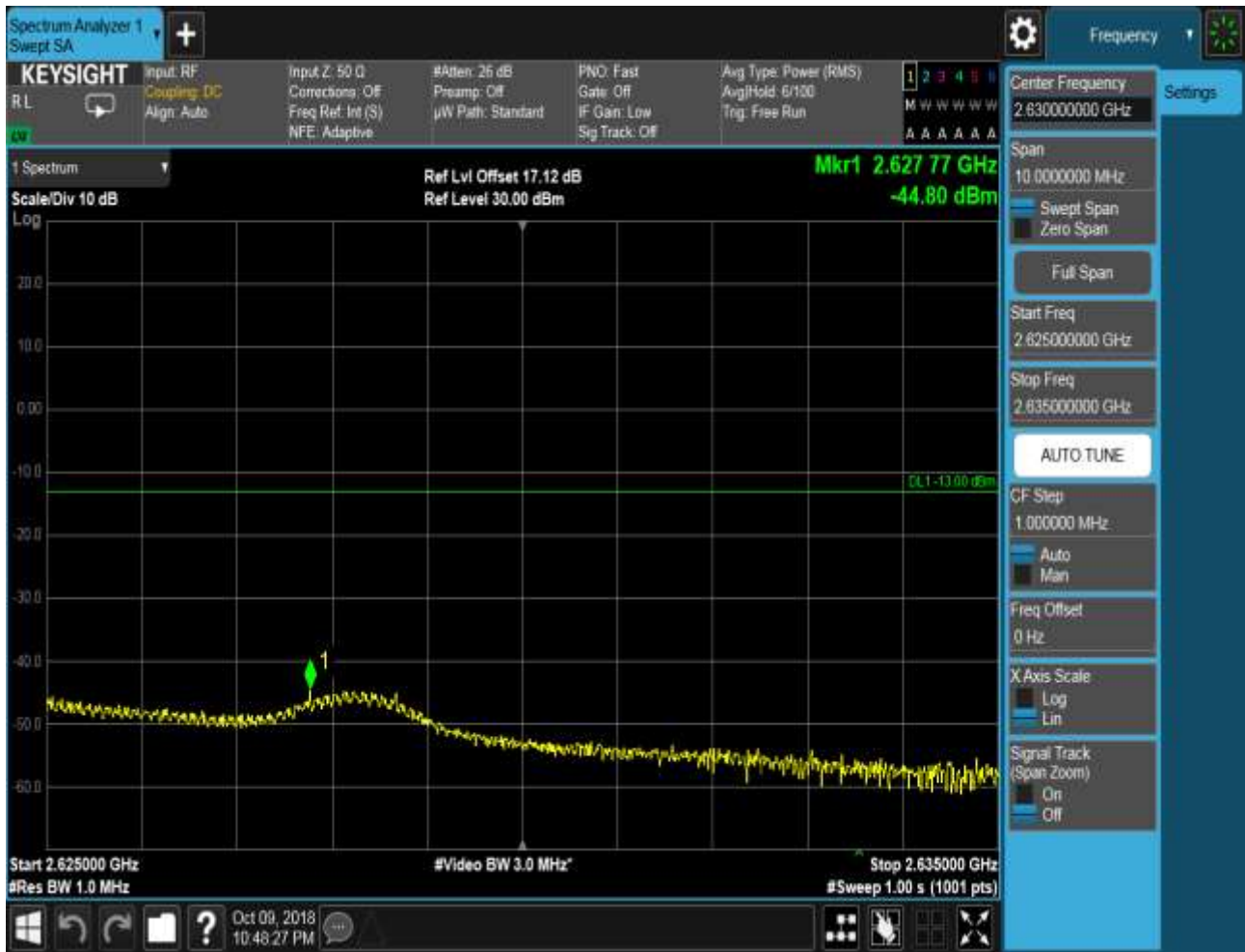
DL1 -10.00 dBm

Start 2.619000 GHz
#Res BW 200 kHz

#Video BW 620 kHz

Stop 2.621000 GHz
#Sweep 1.00 s (1001 pts)







5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.2.4 Test RB = RB50#0



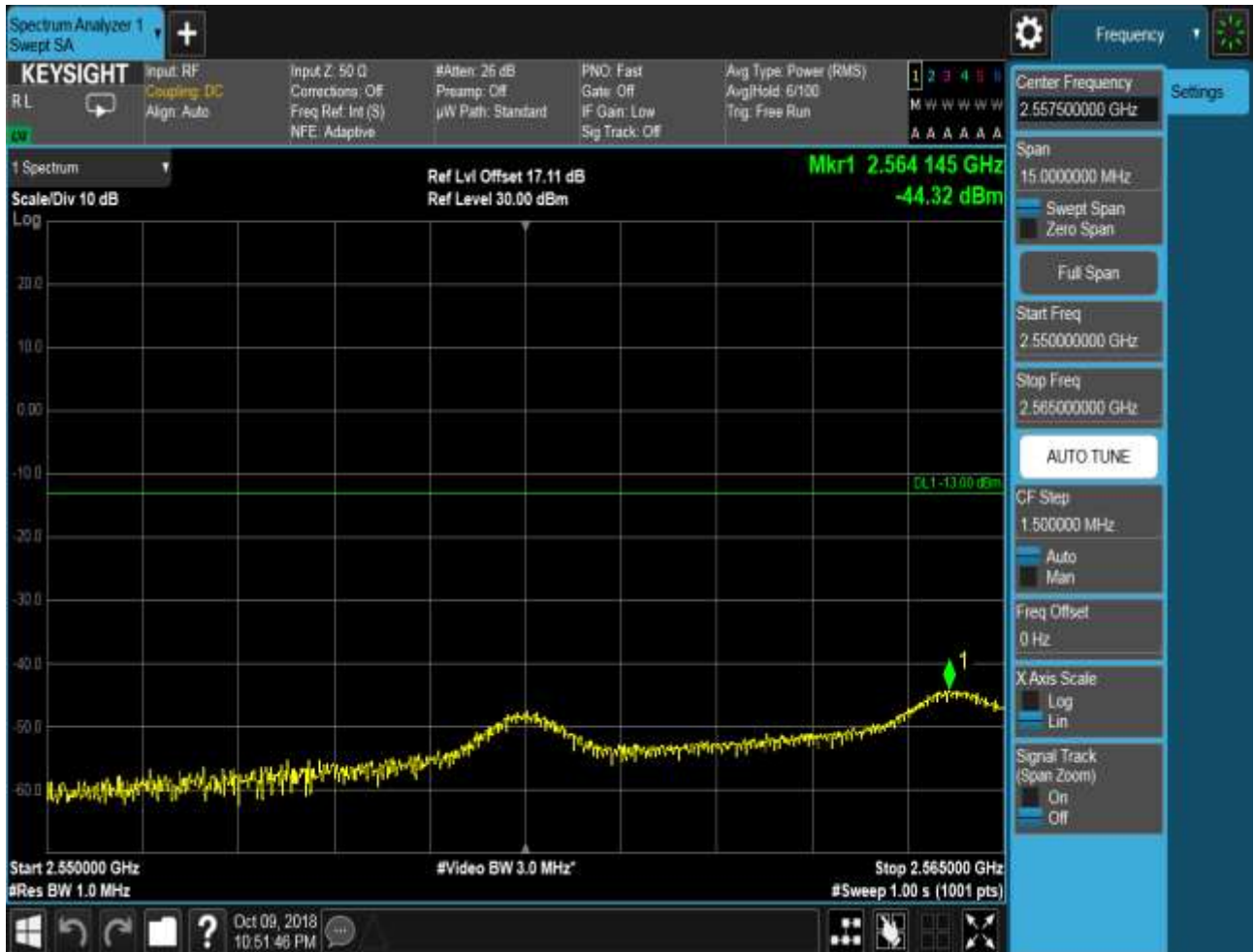




5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0

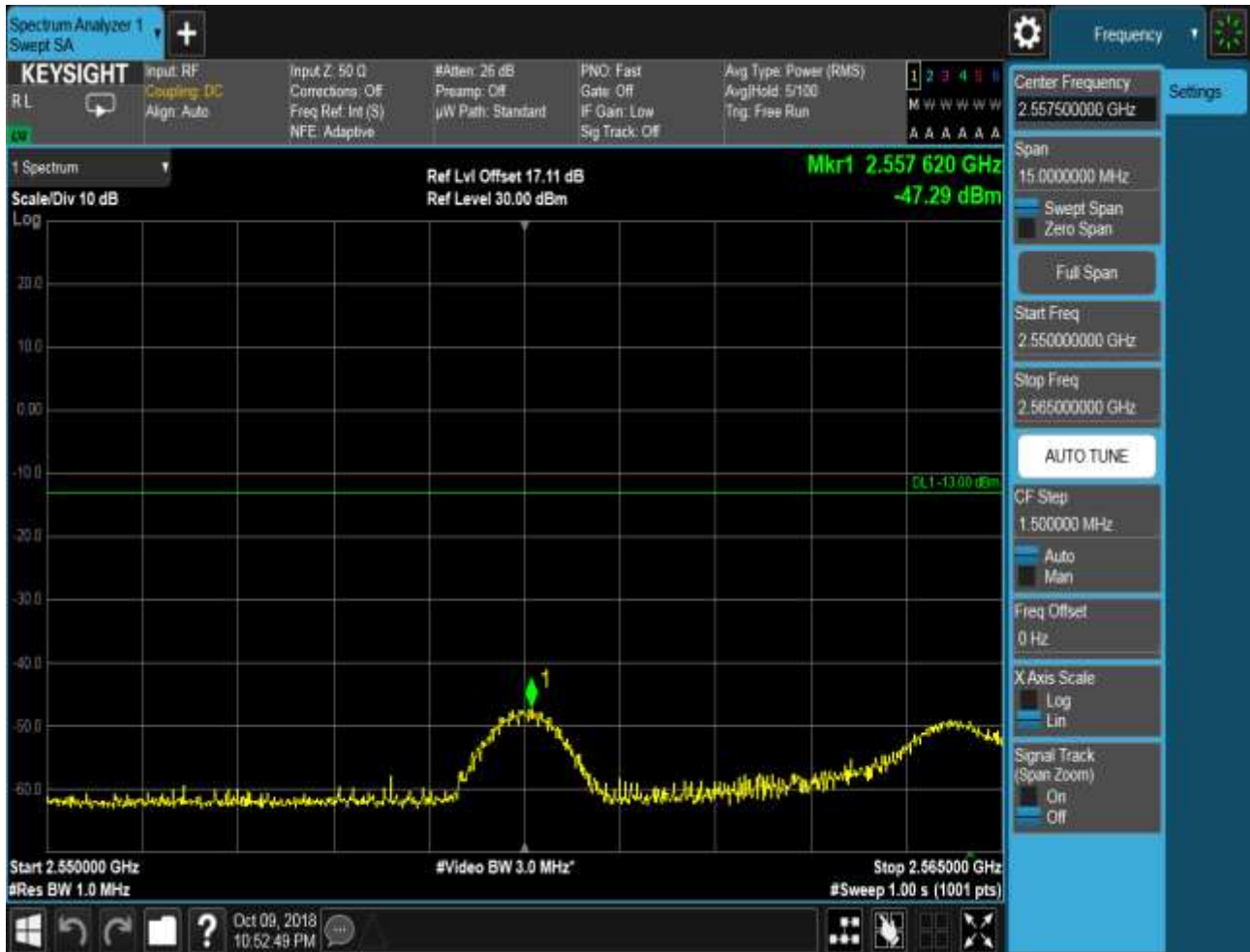








5.1.1.2.3.1.2 Test RB = RB1#74









5.1.1.2.3.1.3 Test RB = RB38#19

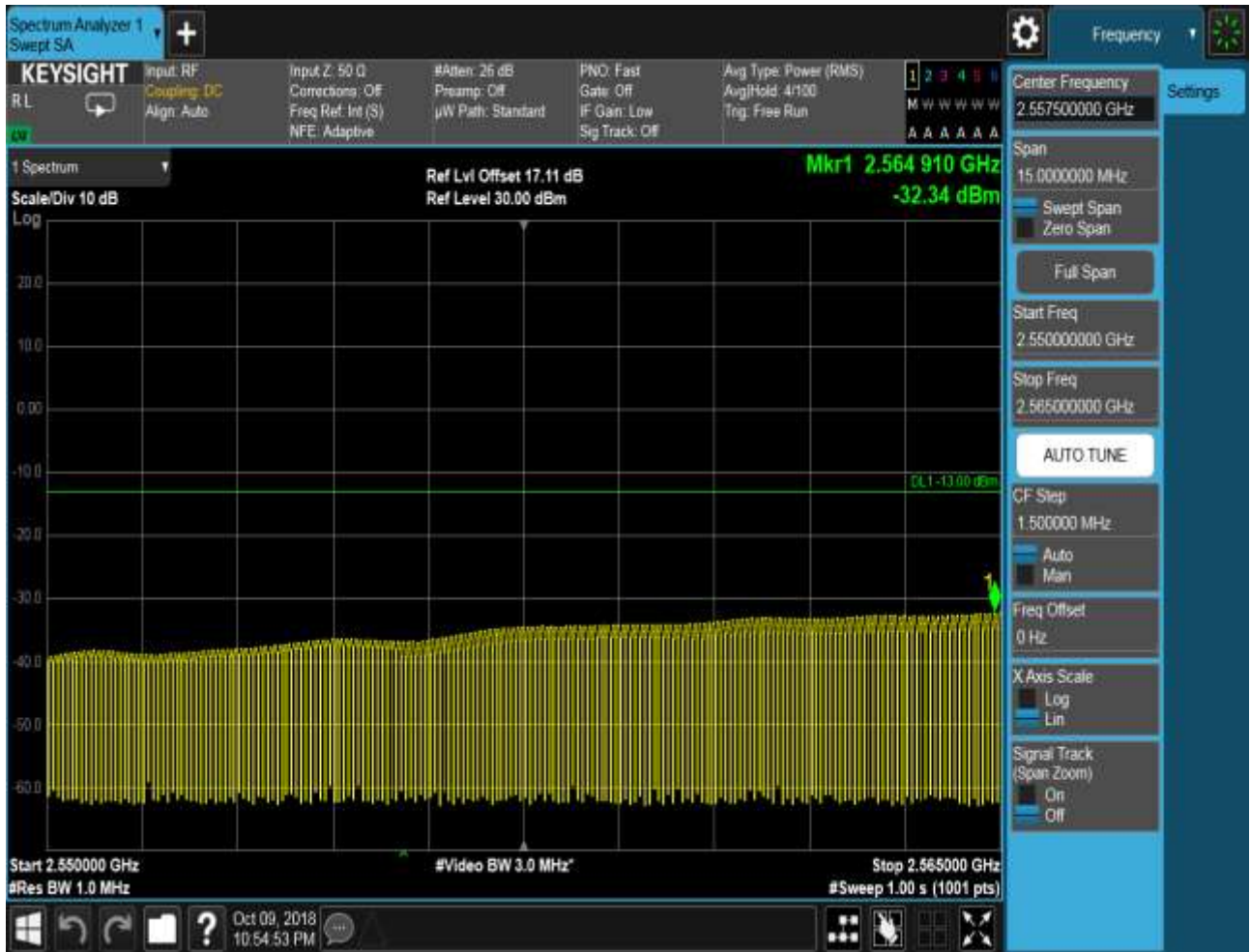








5.1.1.2.3.1.4 Test RB = RB75#0





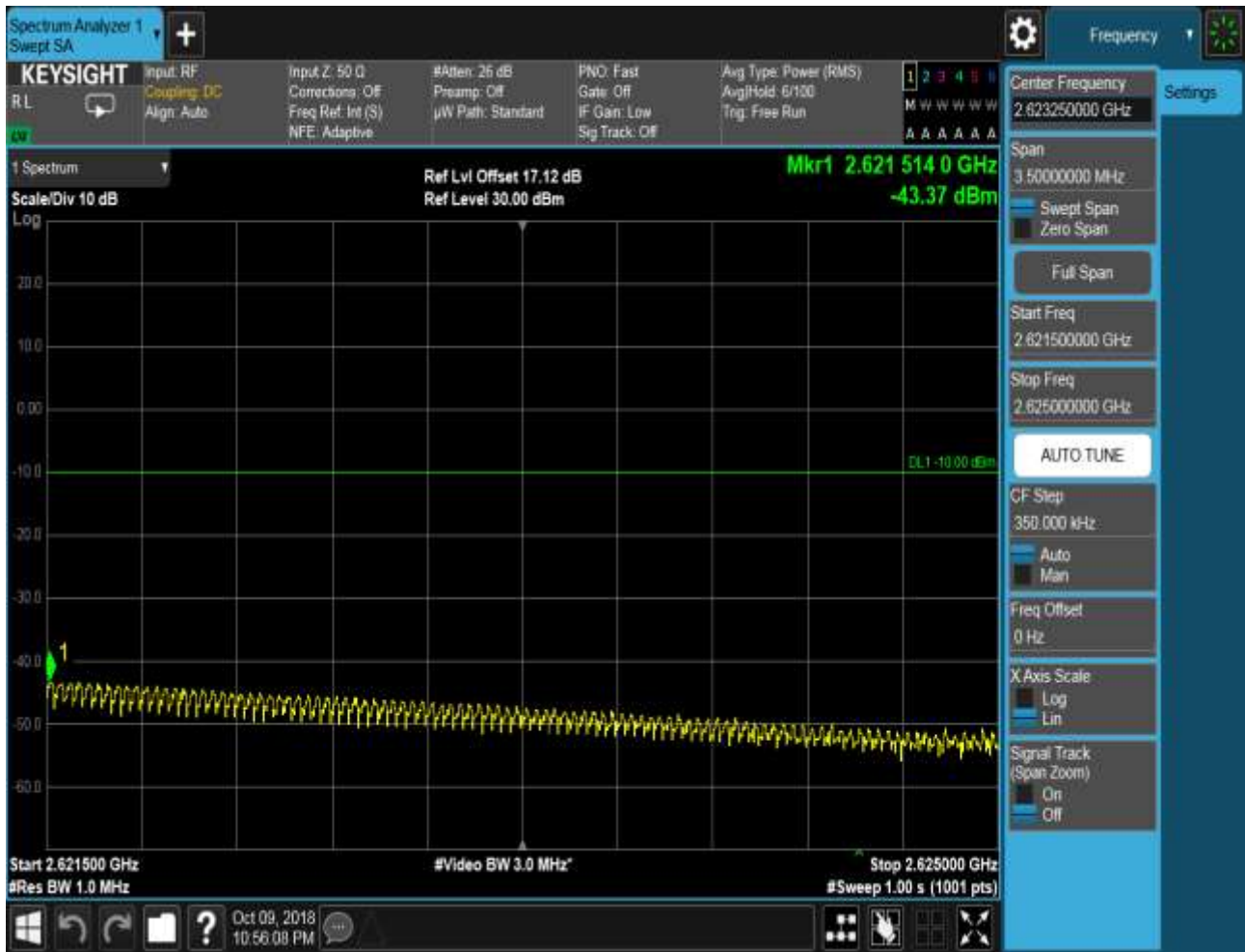


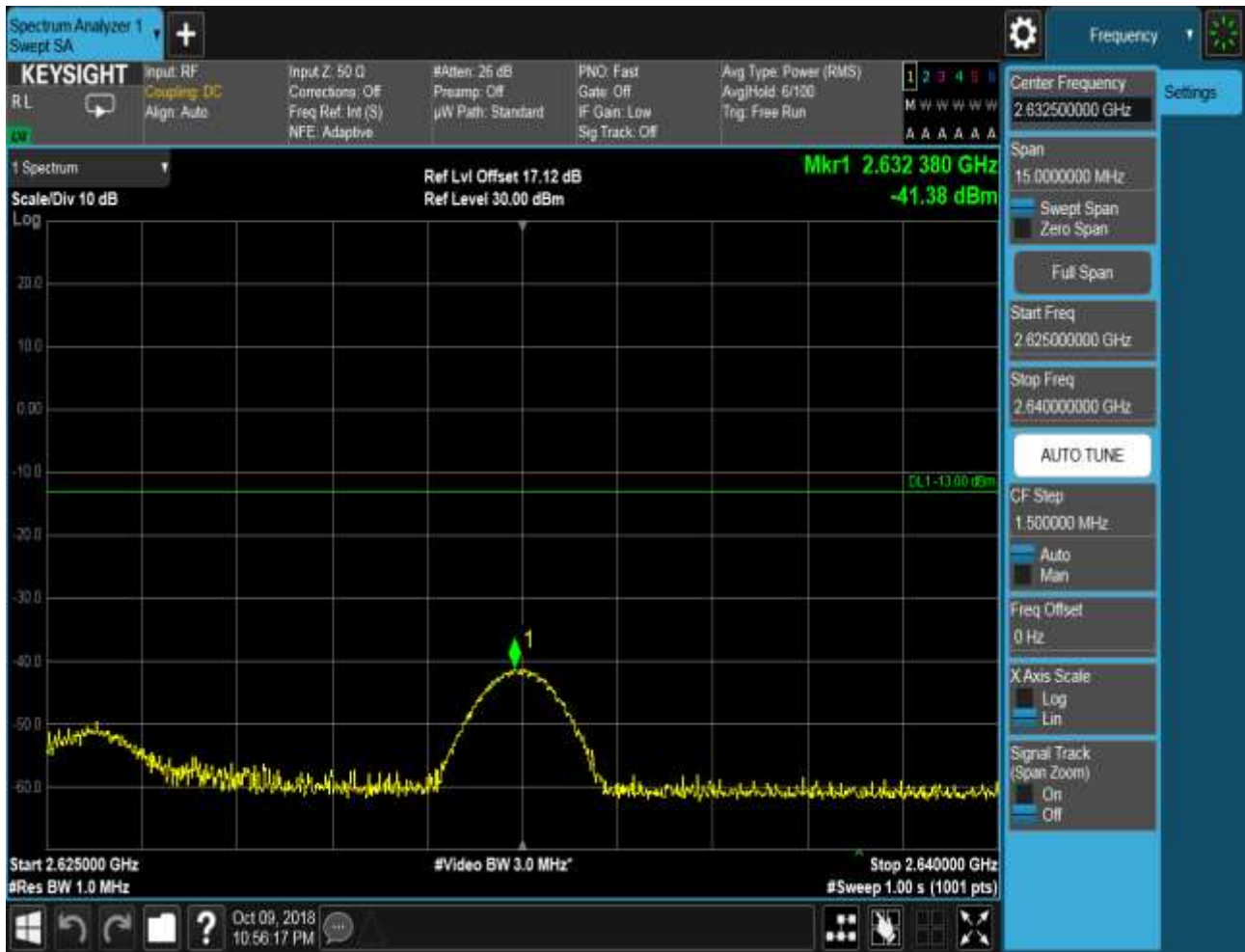


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0

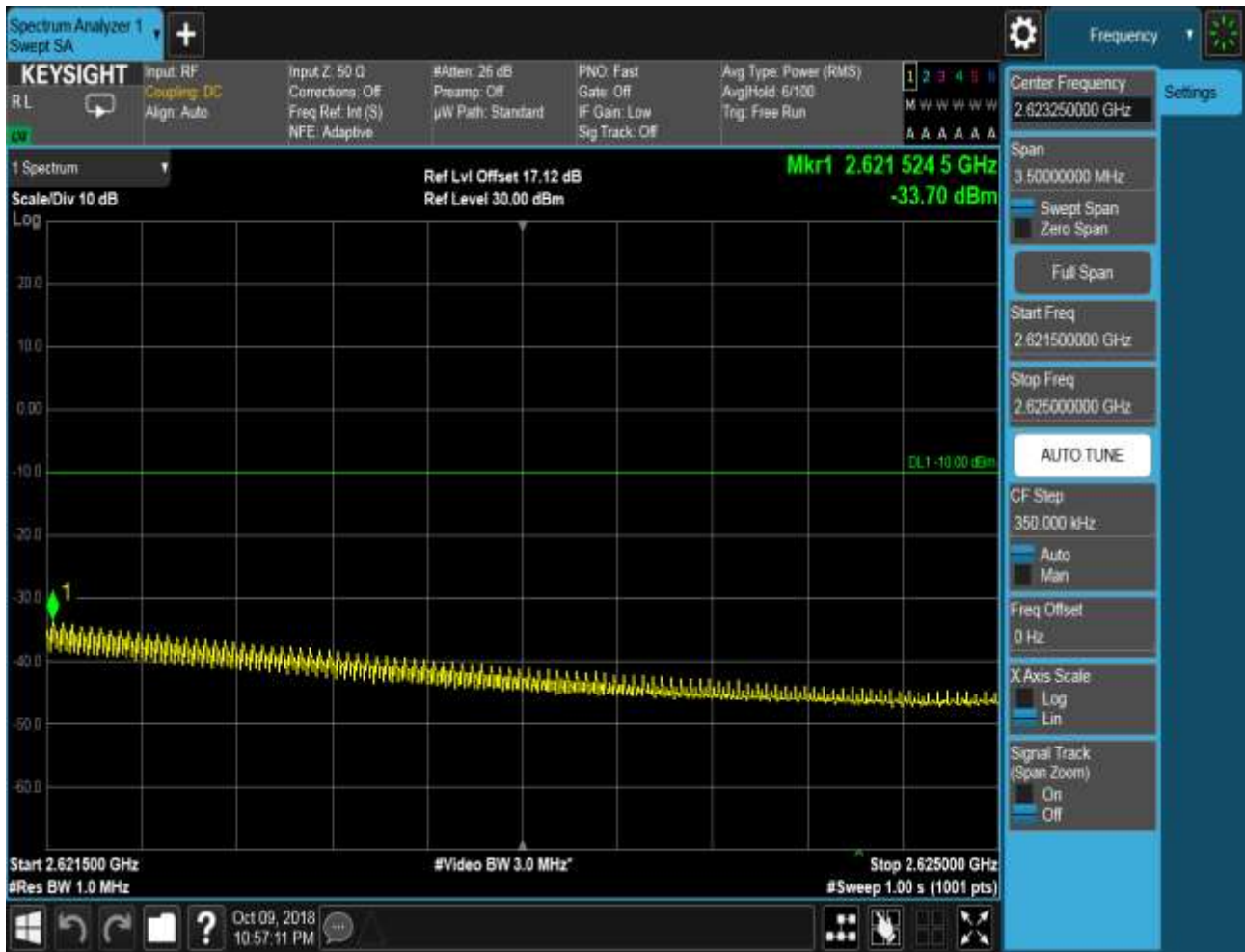


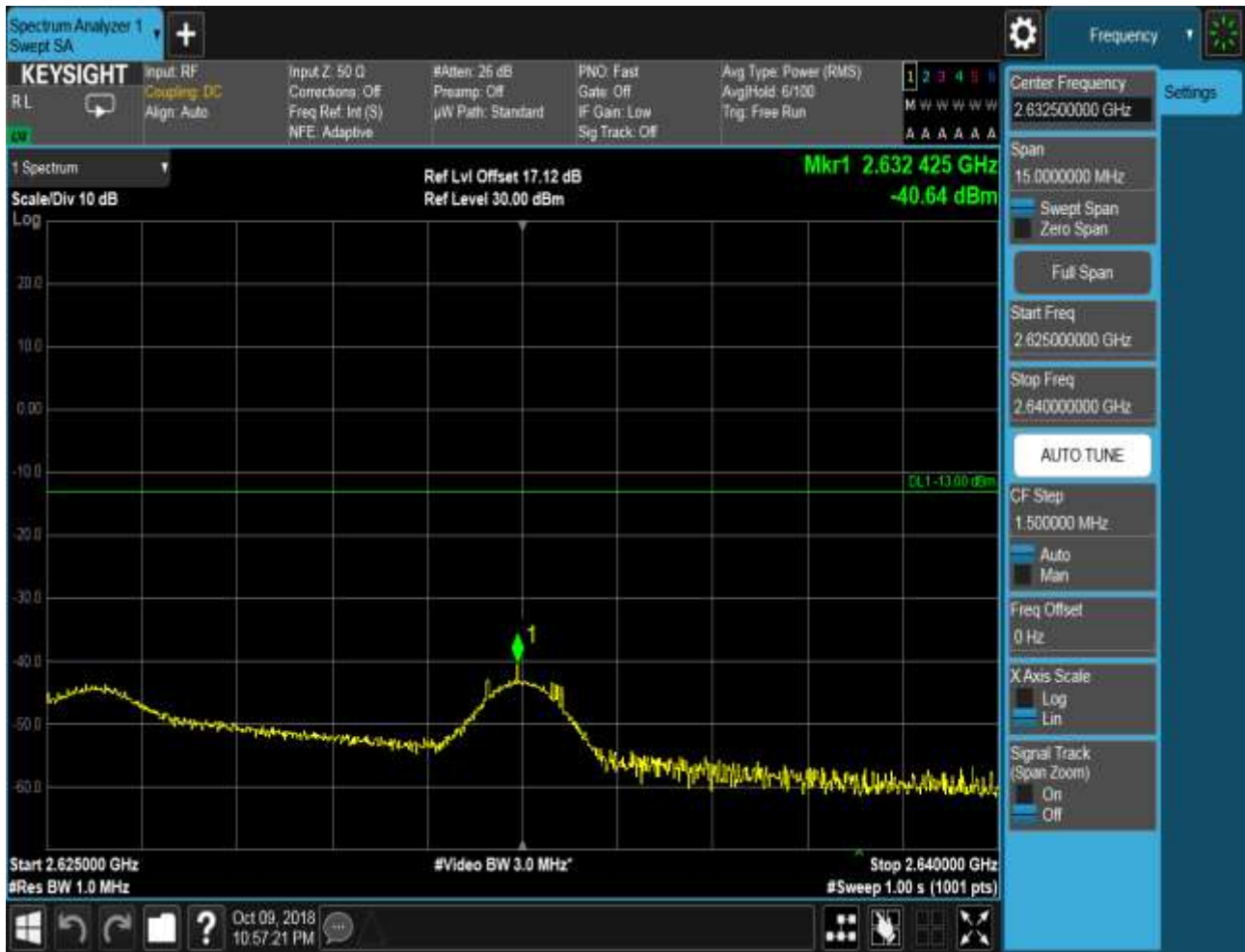




5.1.1.2.3.2.2 Test RB = RB1#74









5.1.1.2.3.2.3 Test RB = RB38#19









5.1.1.2.3.2.4 Test RB = RB75#0



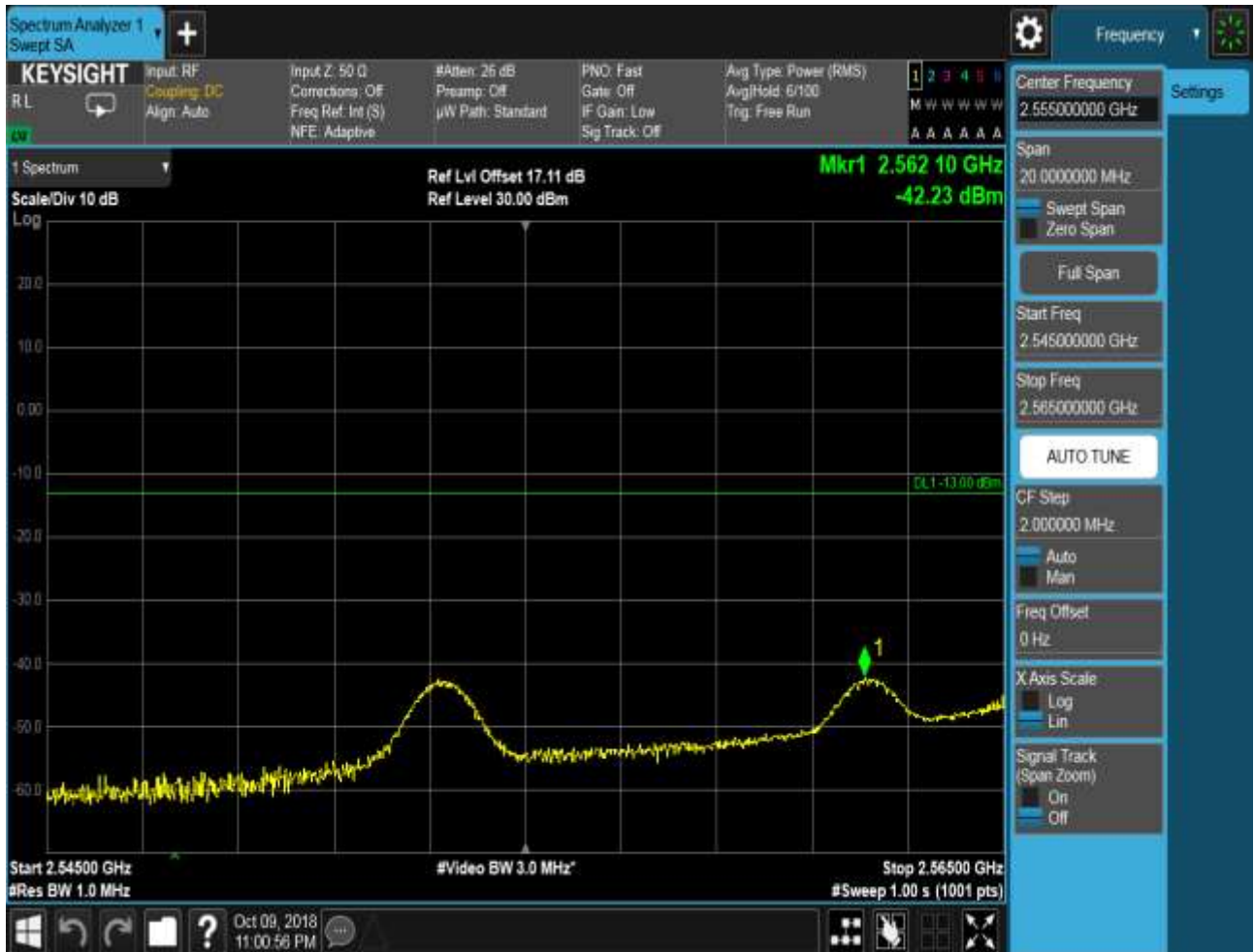


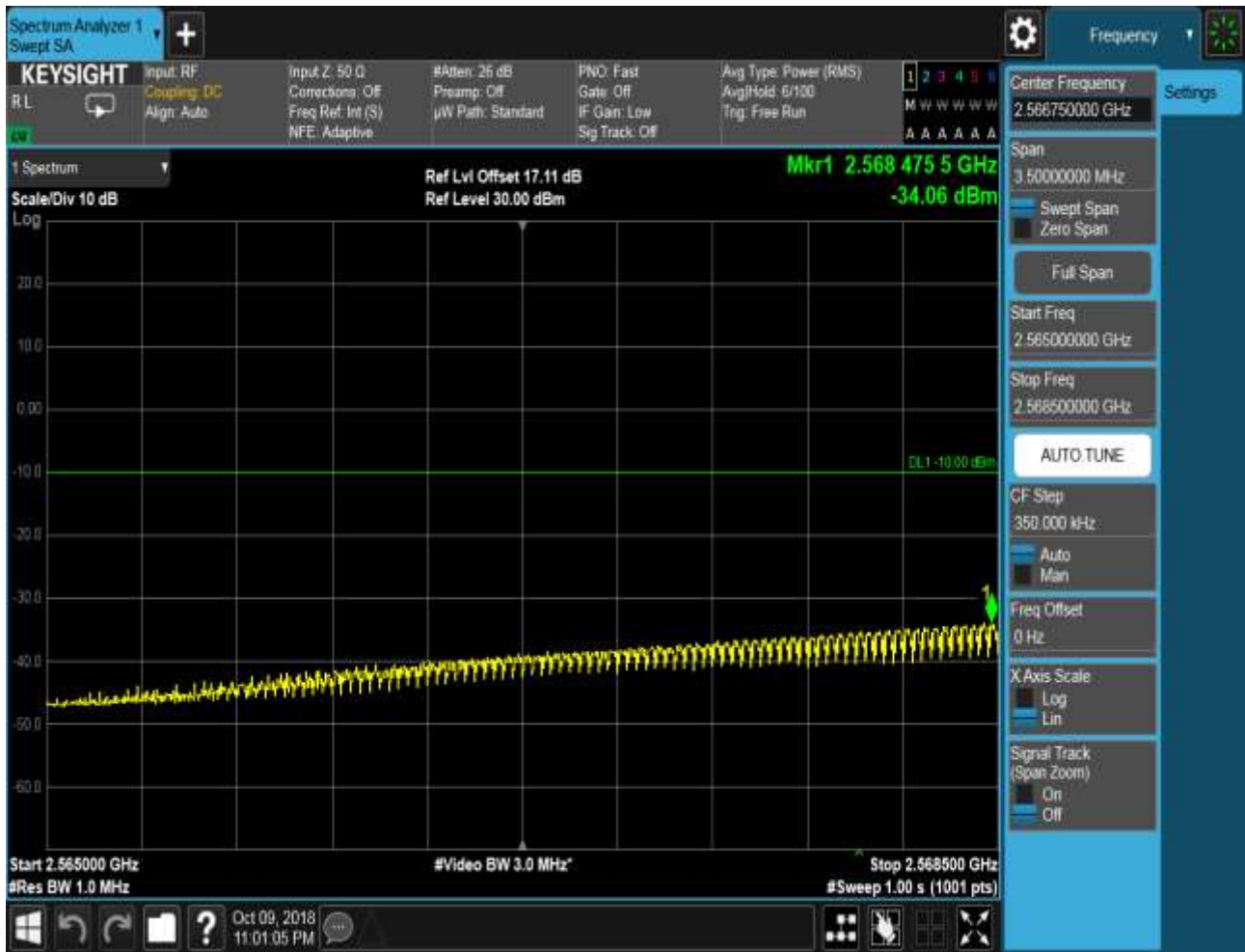


5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

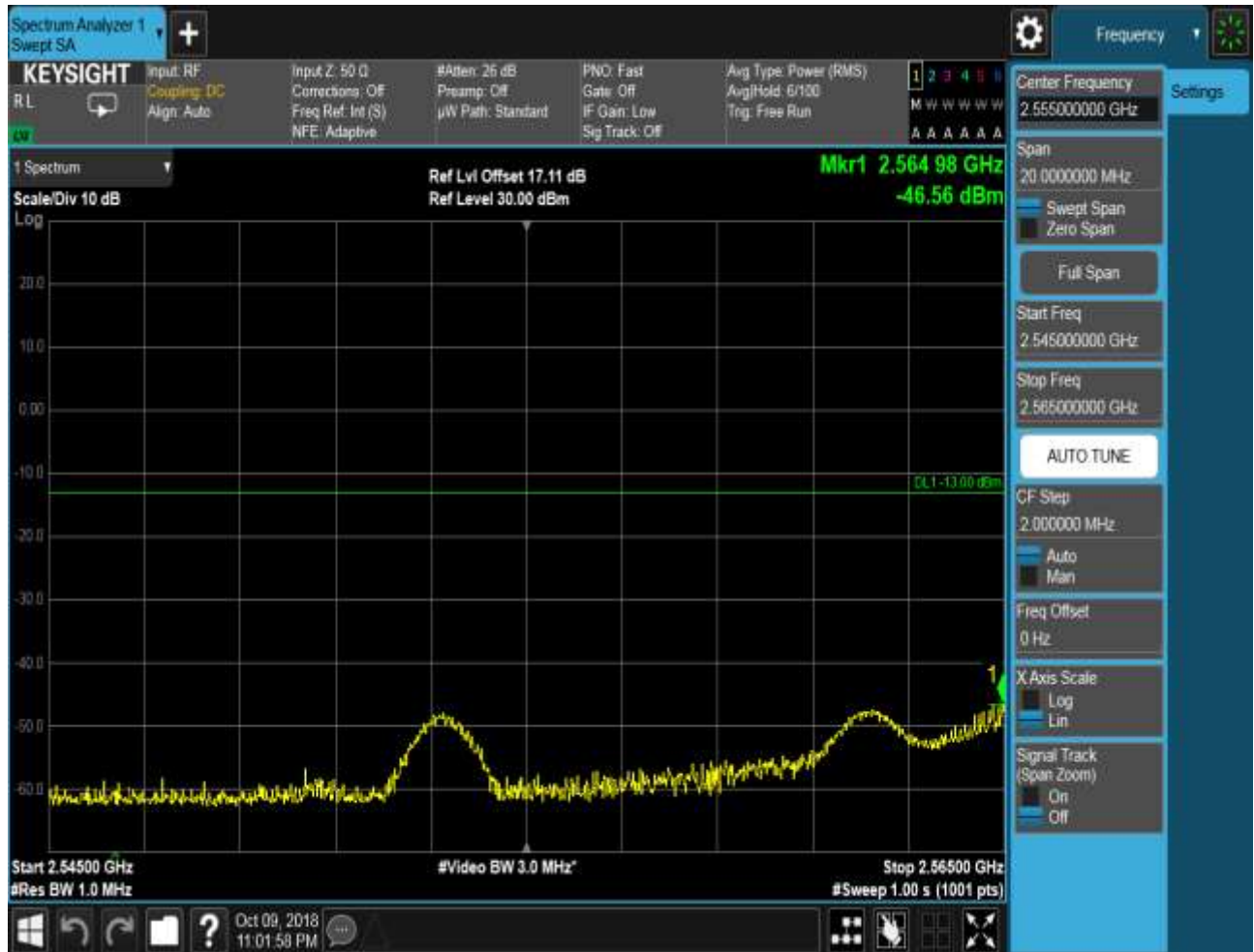
5.1.1.2.4.1.1 Test RB = RB1#0







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



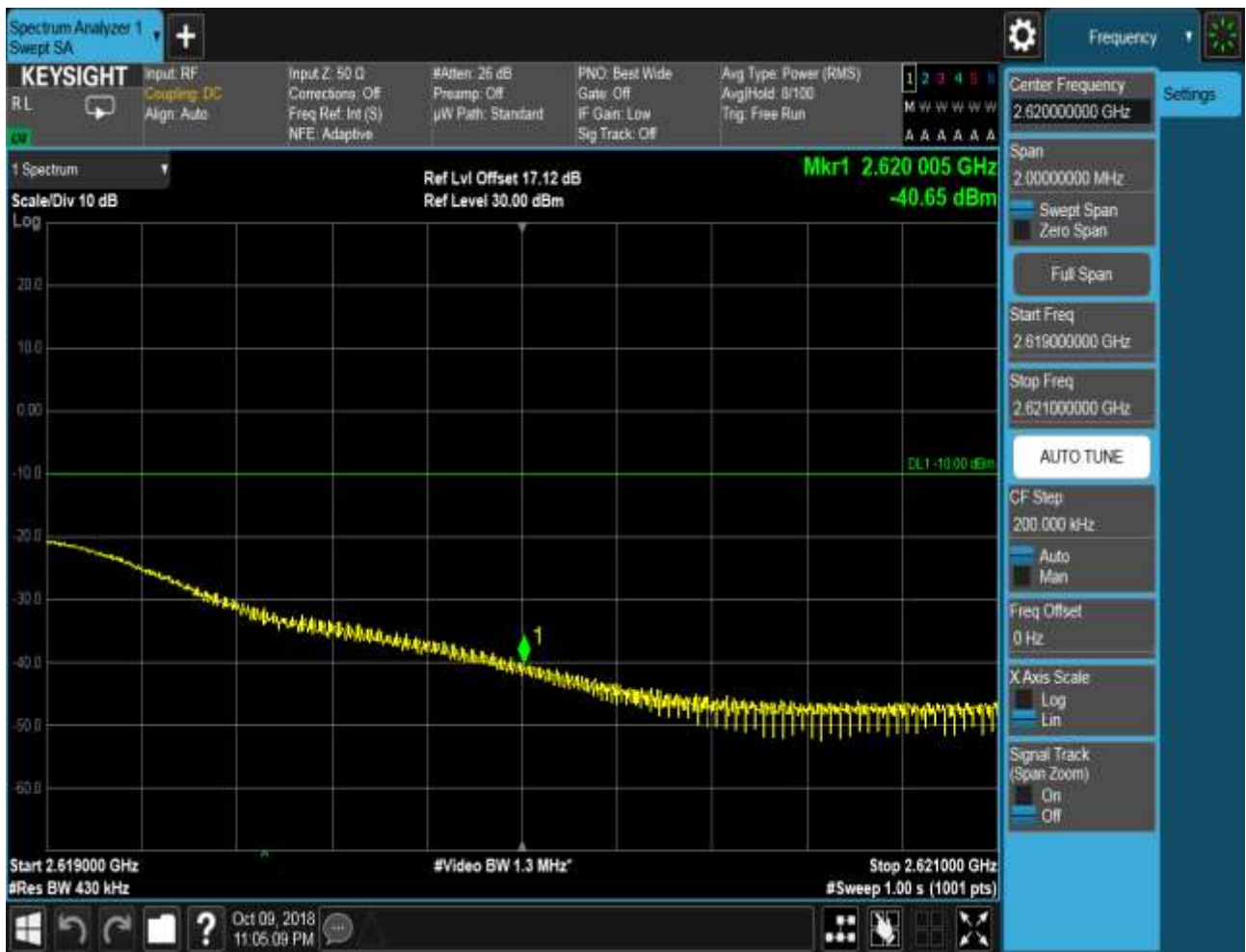




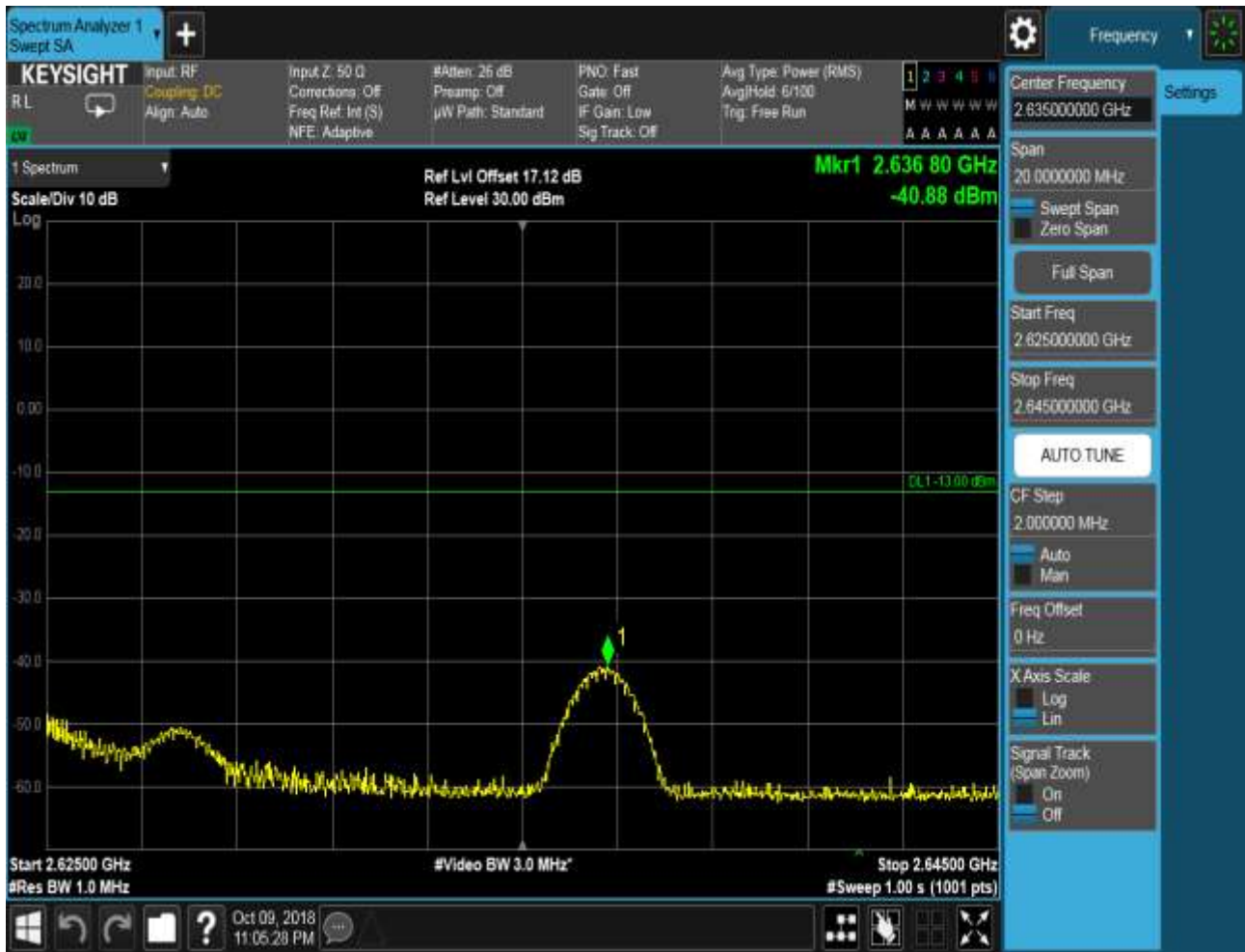


5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



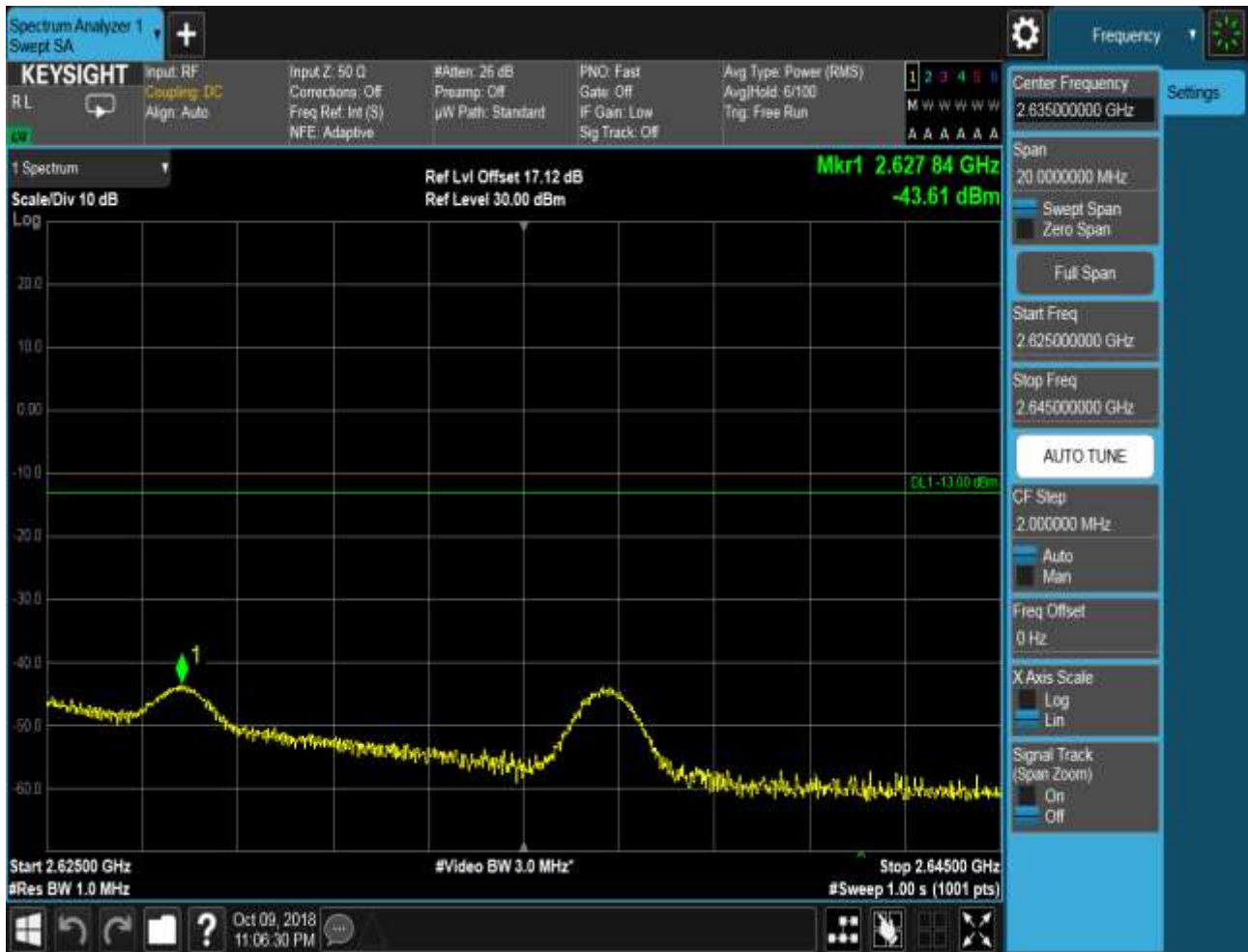




5.1.1.2.4.2.2 Test RB = RB1#99







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

