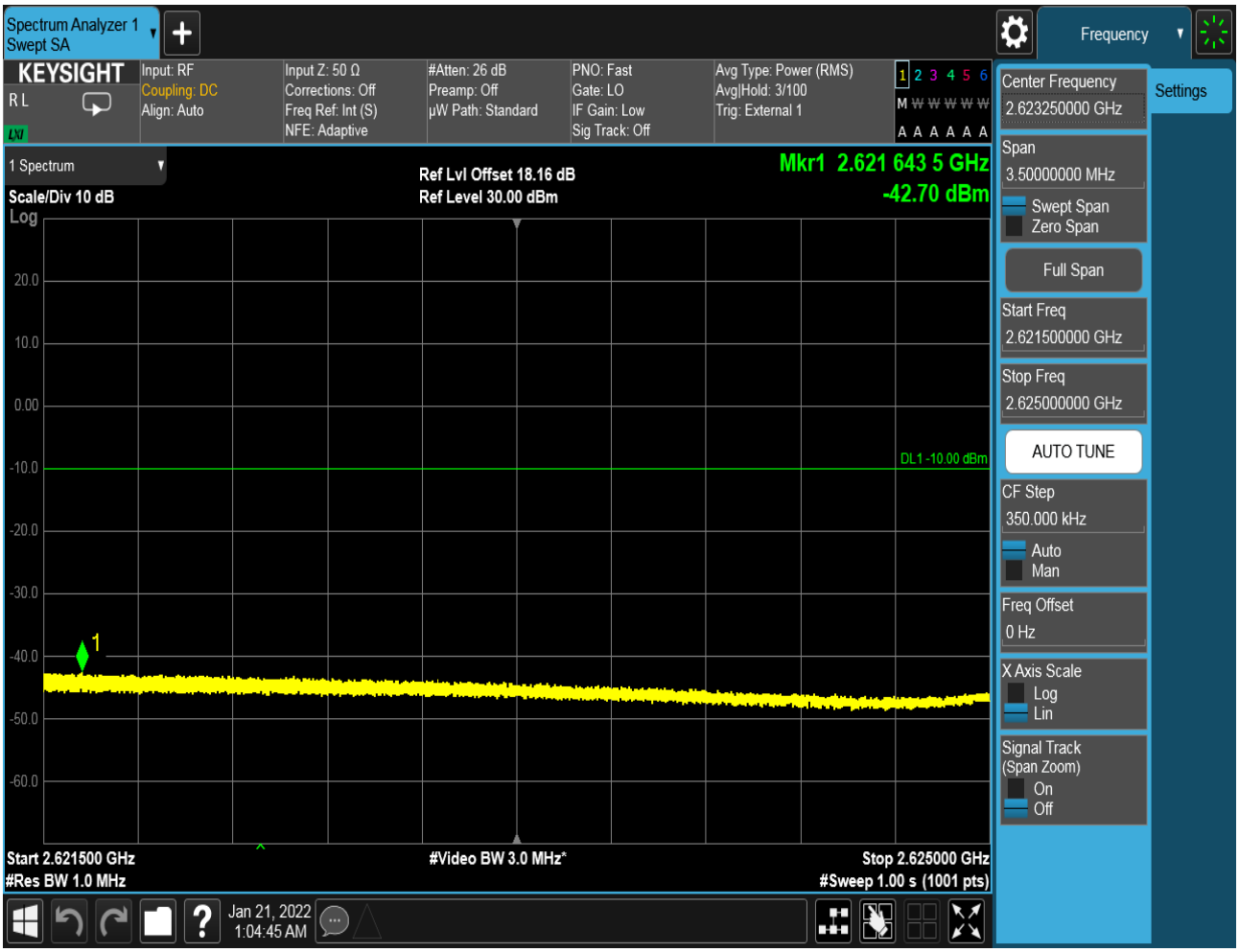
5.1.1.1.3.1.4 Test RB = RB75#0

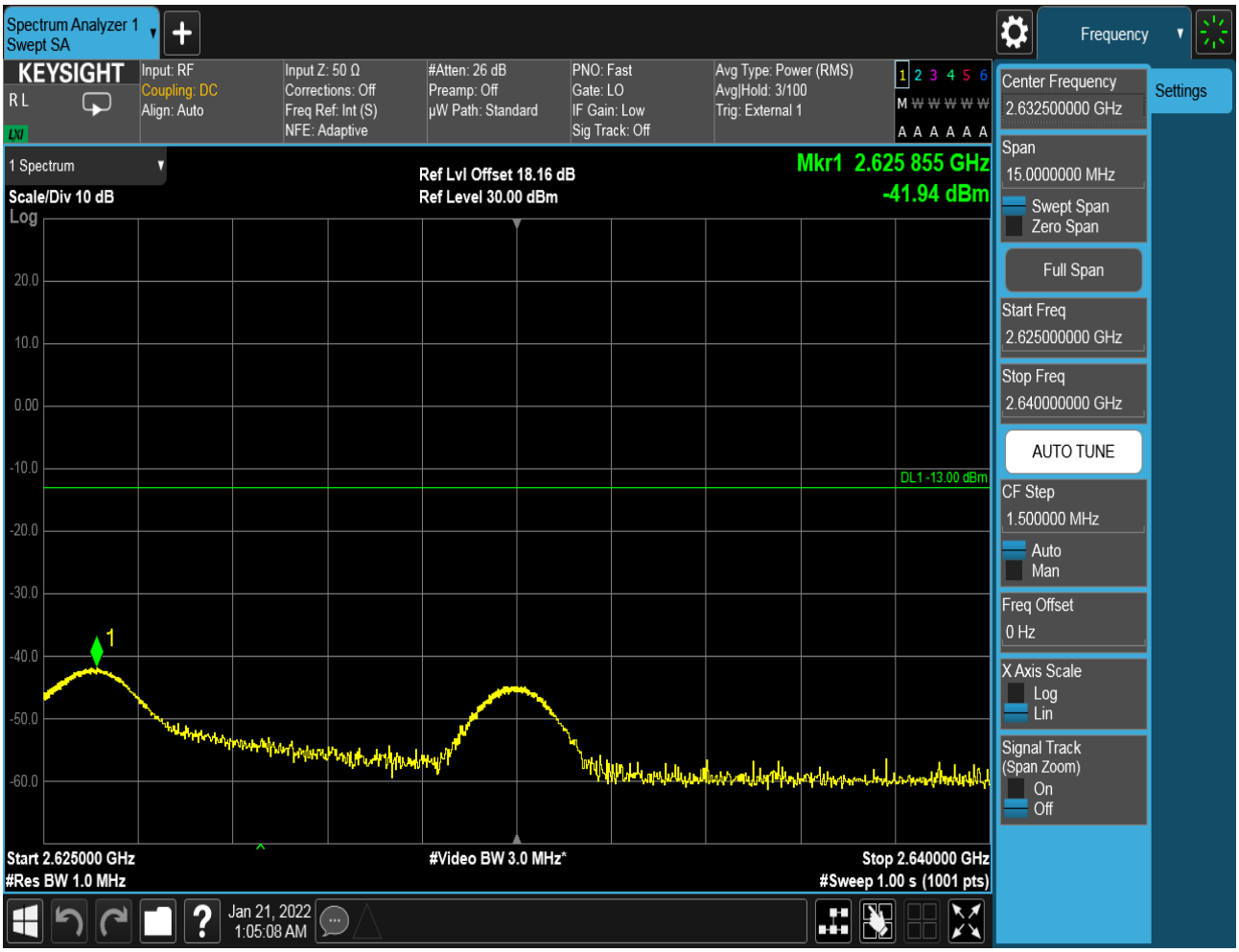
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 031 0 GHz
-29.44 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:00:30 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Best Wide
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 990 GHz
-27.86 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#Video BW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:01:30 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.1.3.2 Test Channel = HCH

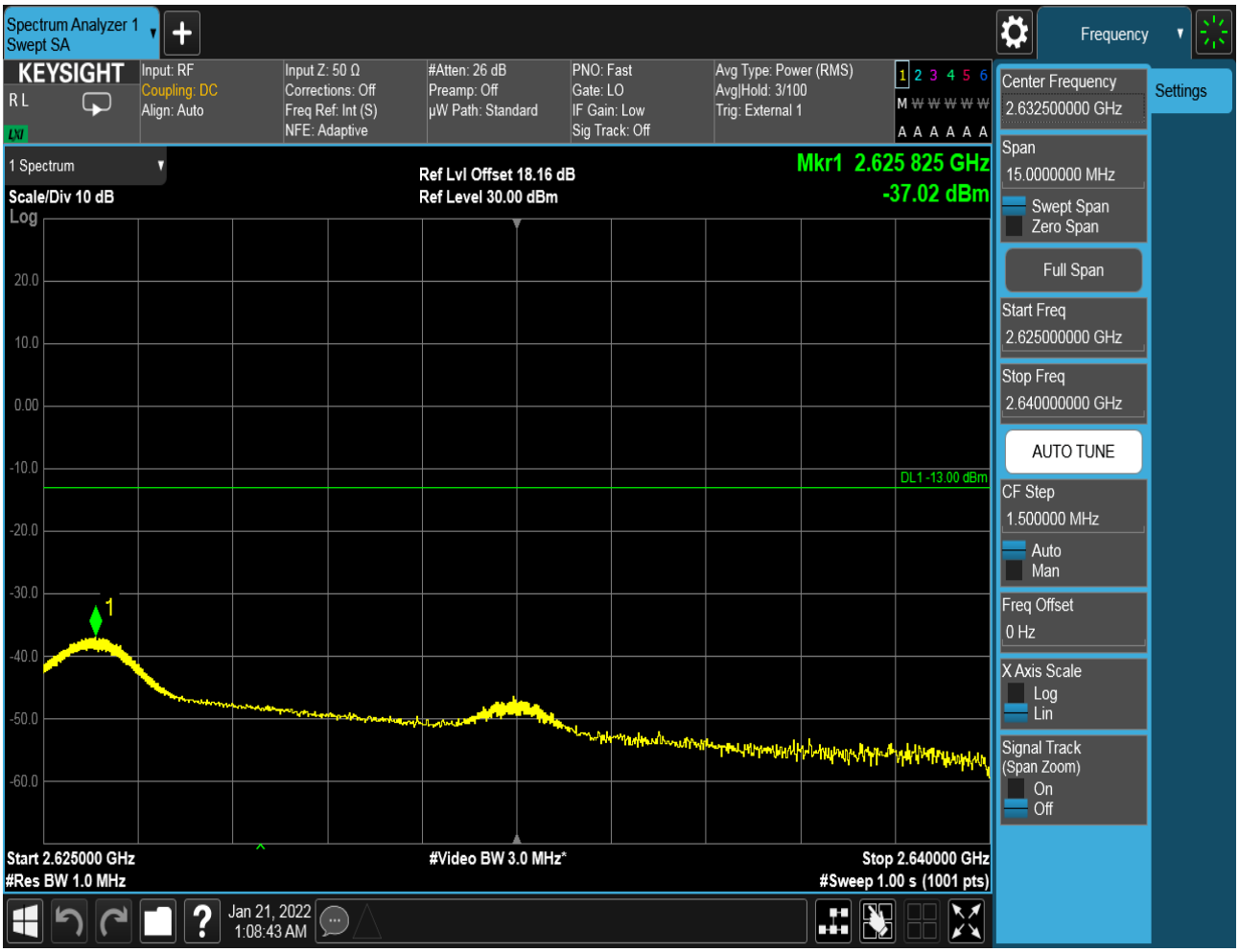
5.1.1.1.3.2.1 Test RB = RB1#0


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 643 5 GHz
-42.70 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:04:45 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

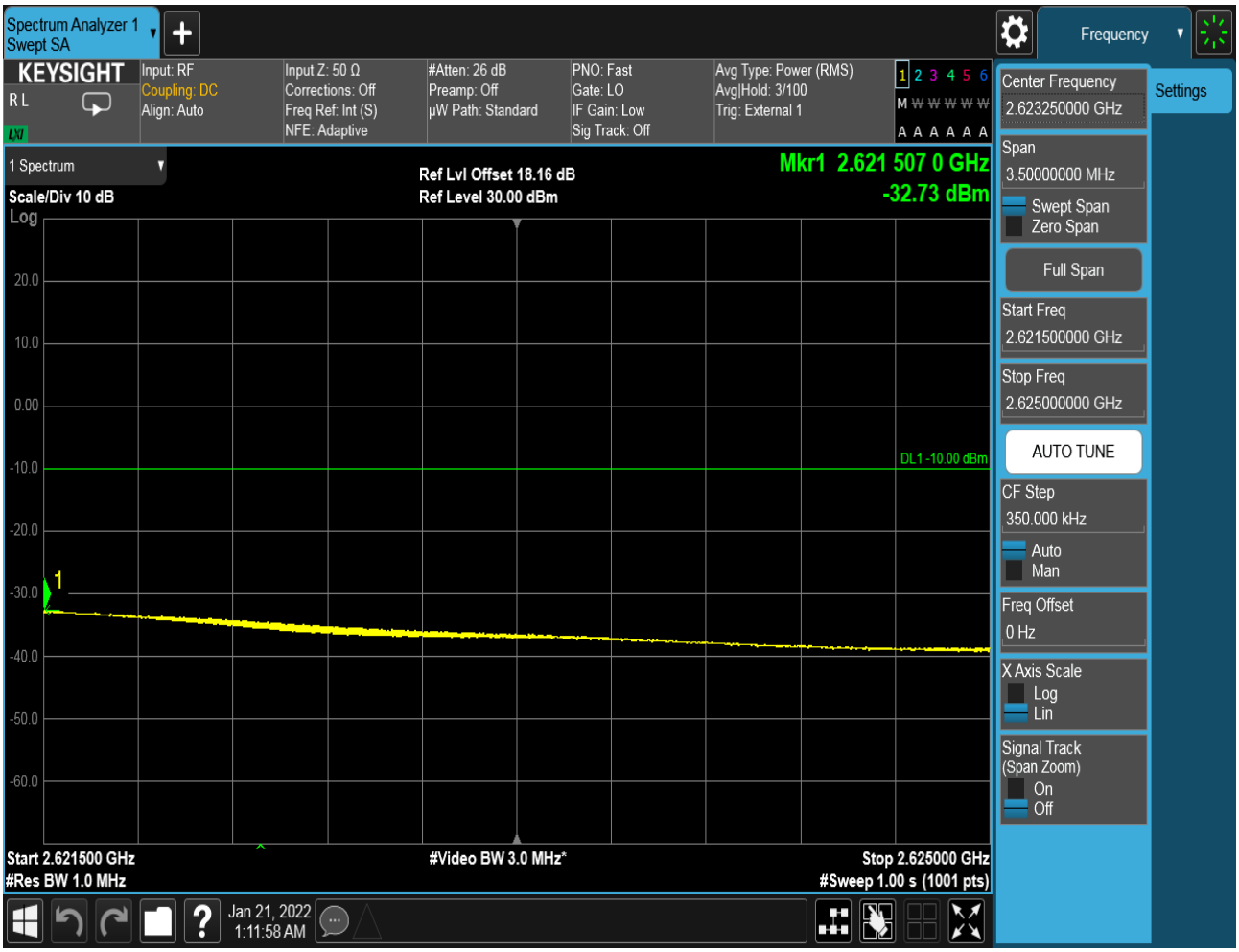

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 855 GHz
-41.94 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:05:08 AM
Frequency
Settings
Center Frequency
2.632500000 GHz
Span
15.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
AUTO TUNE
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

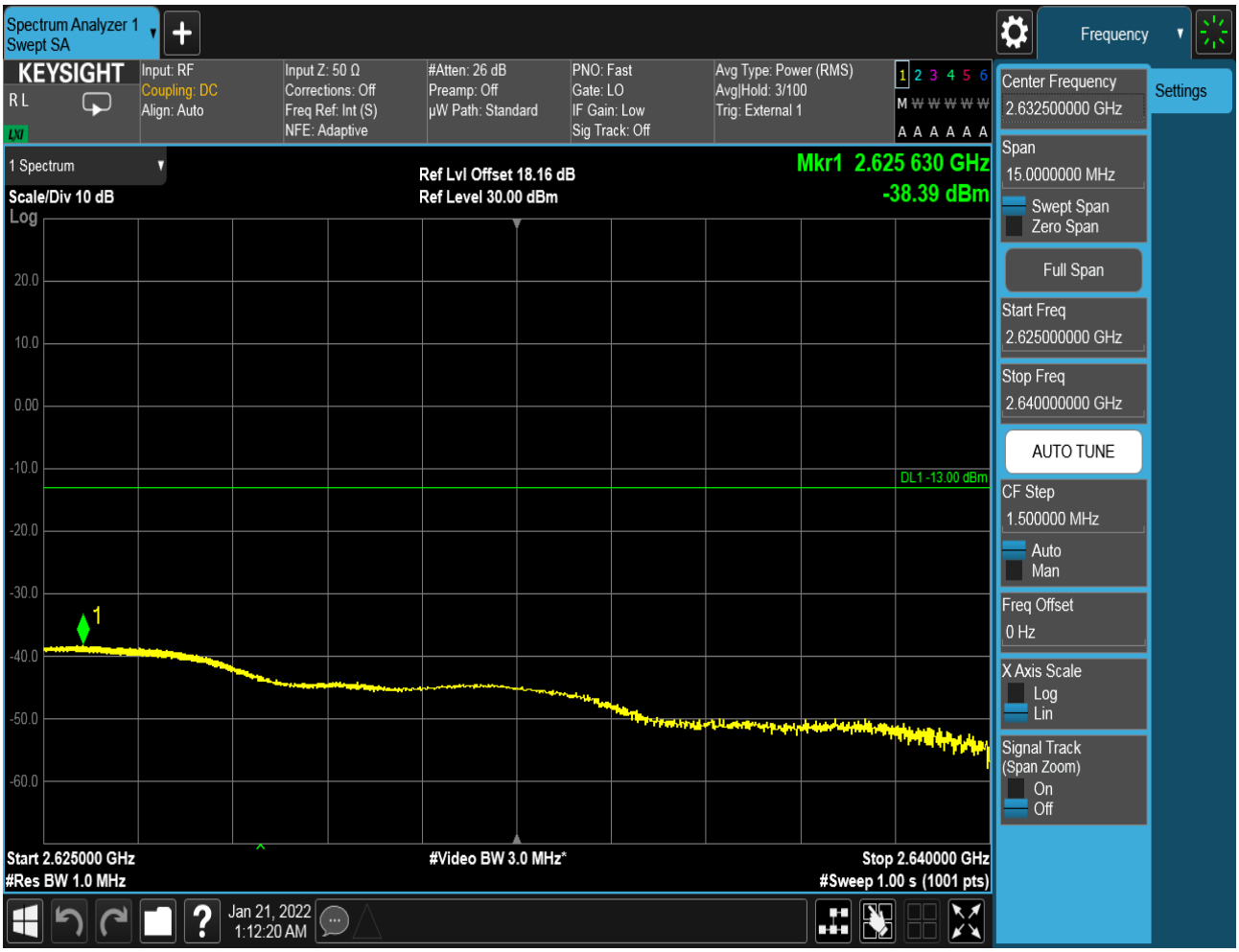
5.1.1.1.3.2.2 Test RB = RB1#74

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 510 5 GHz
-33.26 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:08:21 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 825 GHz
-37.02 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:08:43 AM
Frequency
Settings
Center Frequency
2.632500000 GHz
Span
15.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
AUTO TUNE
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

5.1.1.1.3.2.3 Test RB = RB38#19


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 507 0 GHz
-32.73 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:11:58 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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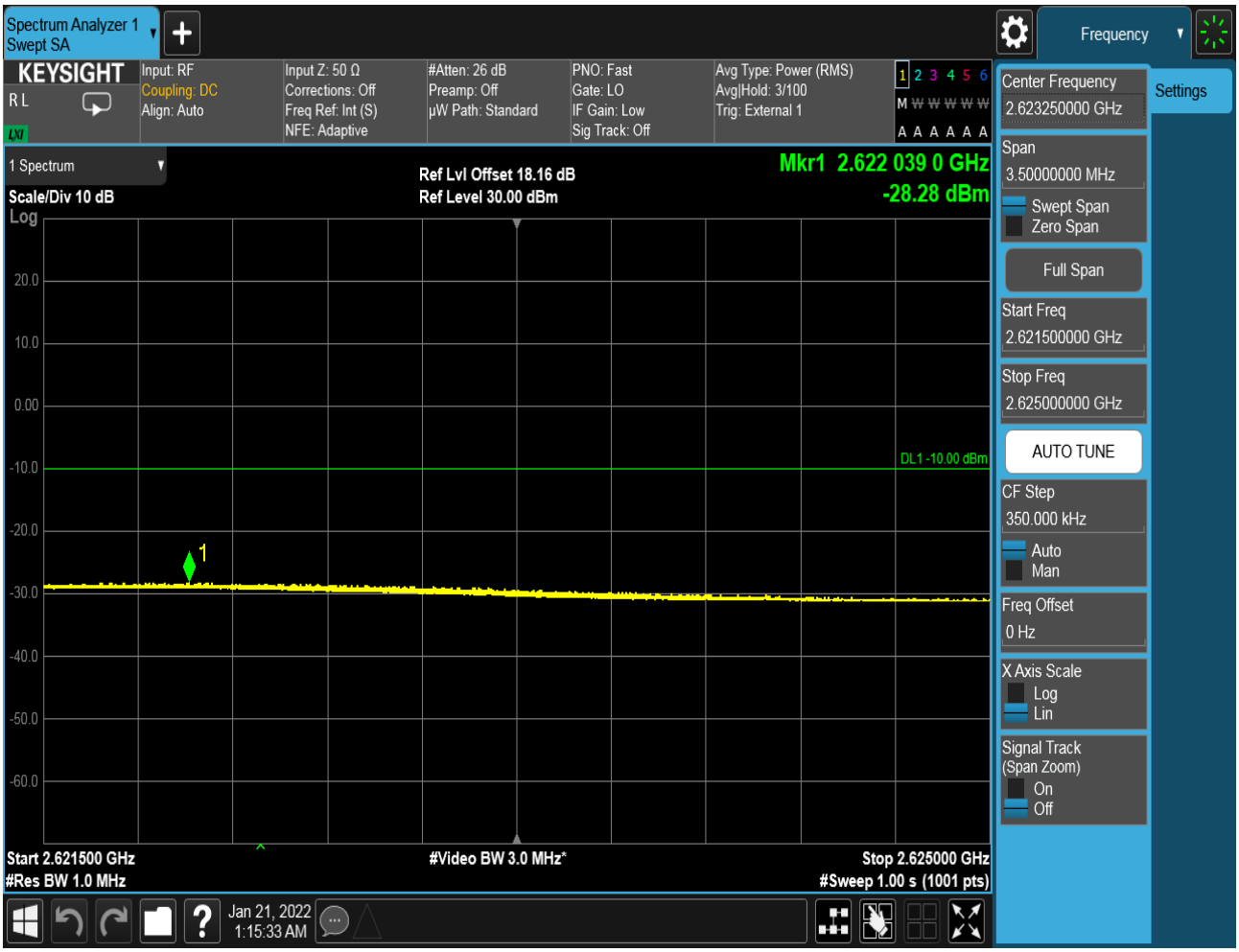
5.1.1.1.3.2.4 Test RB = RB75#0

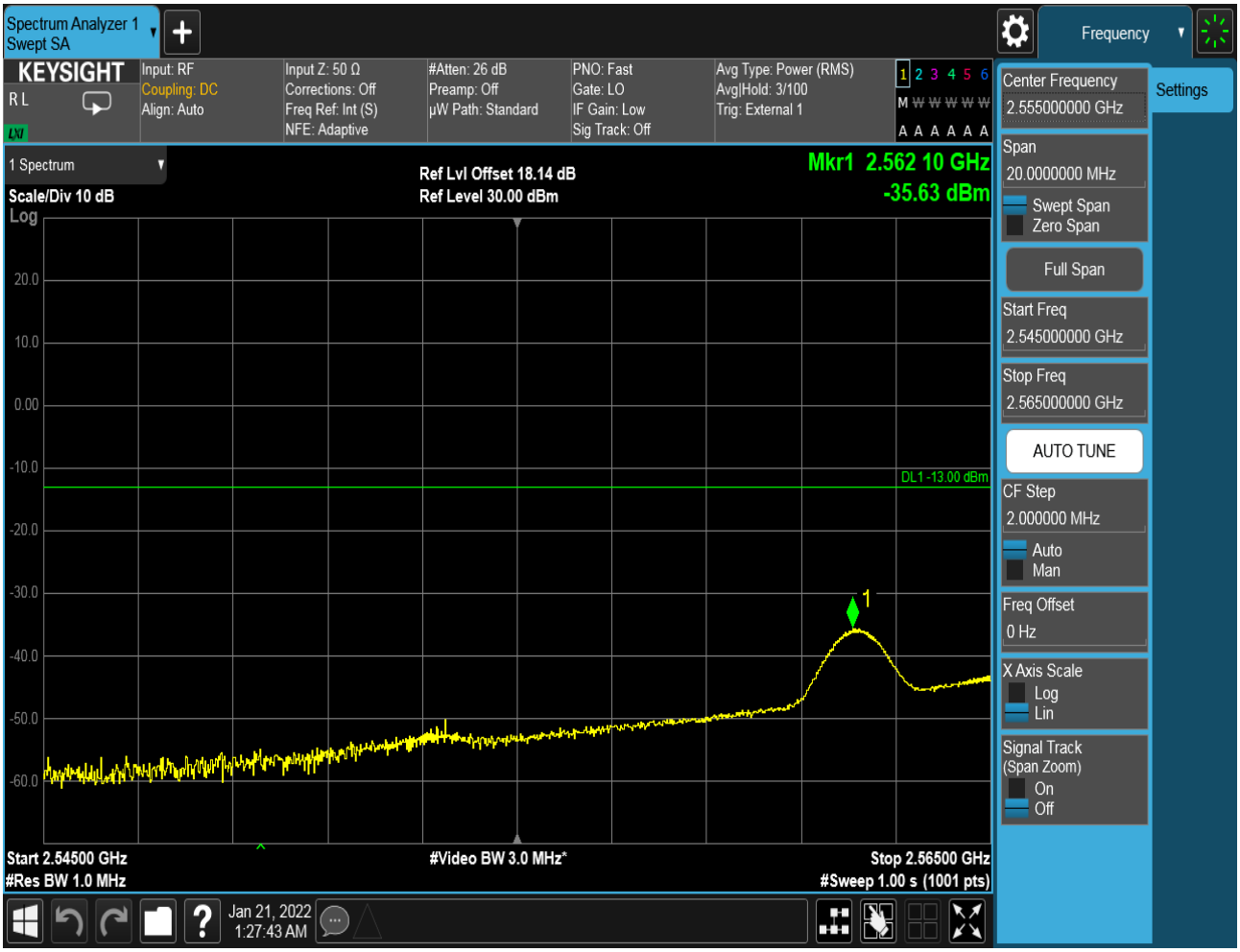

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.622 039 0 GHz
-28.28 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:15:33 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.626 290 GHz
-30.50 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:15:56 AM
Frequency
Settings
Center Frequency
2.632500000 GHz
Span
15.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
AUTO TUNE
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

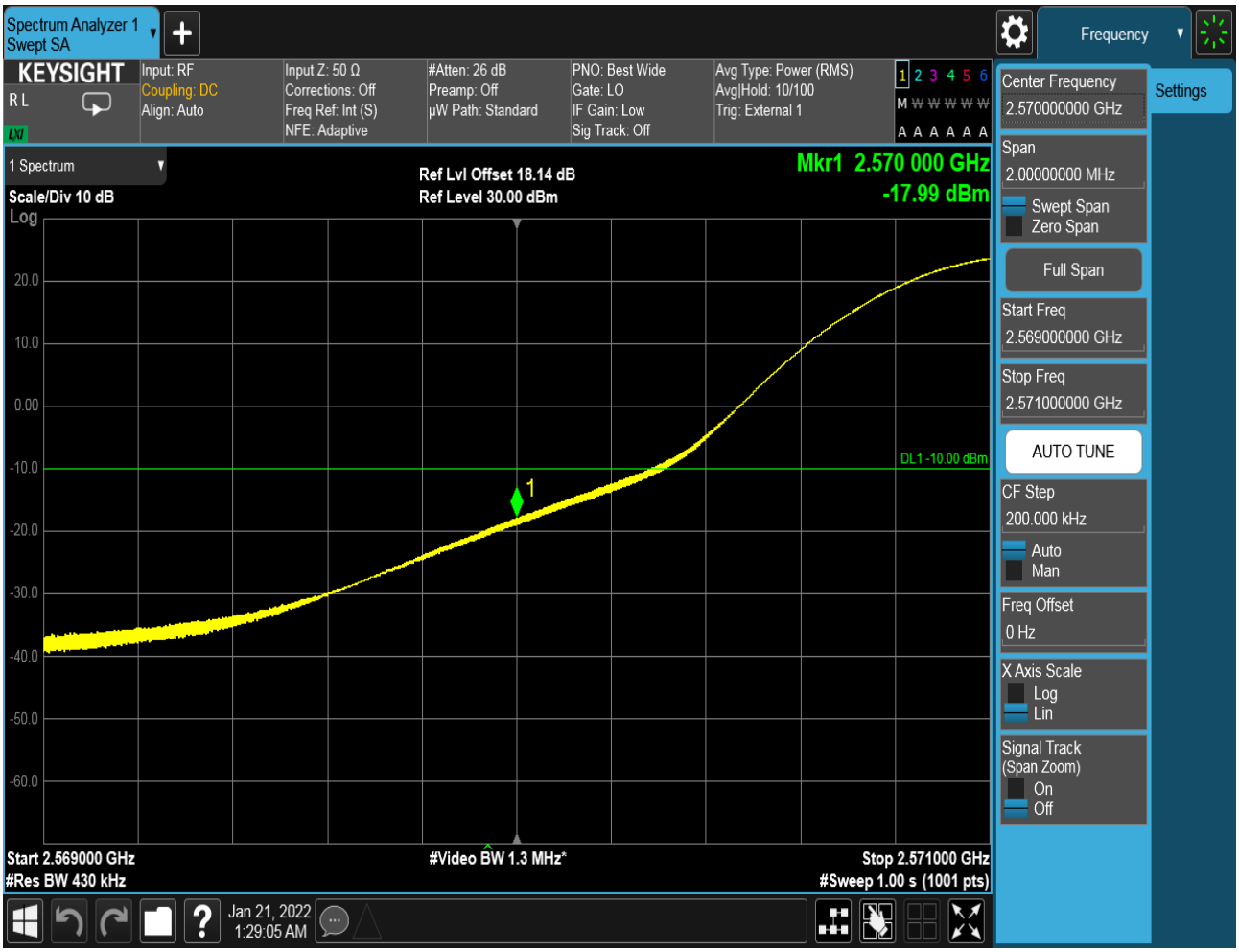
5.1.1.1.4 Test Bandwidth = 20MHz

5.1.1.1.4.1 Test Channel = LCH

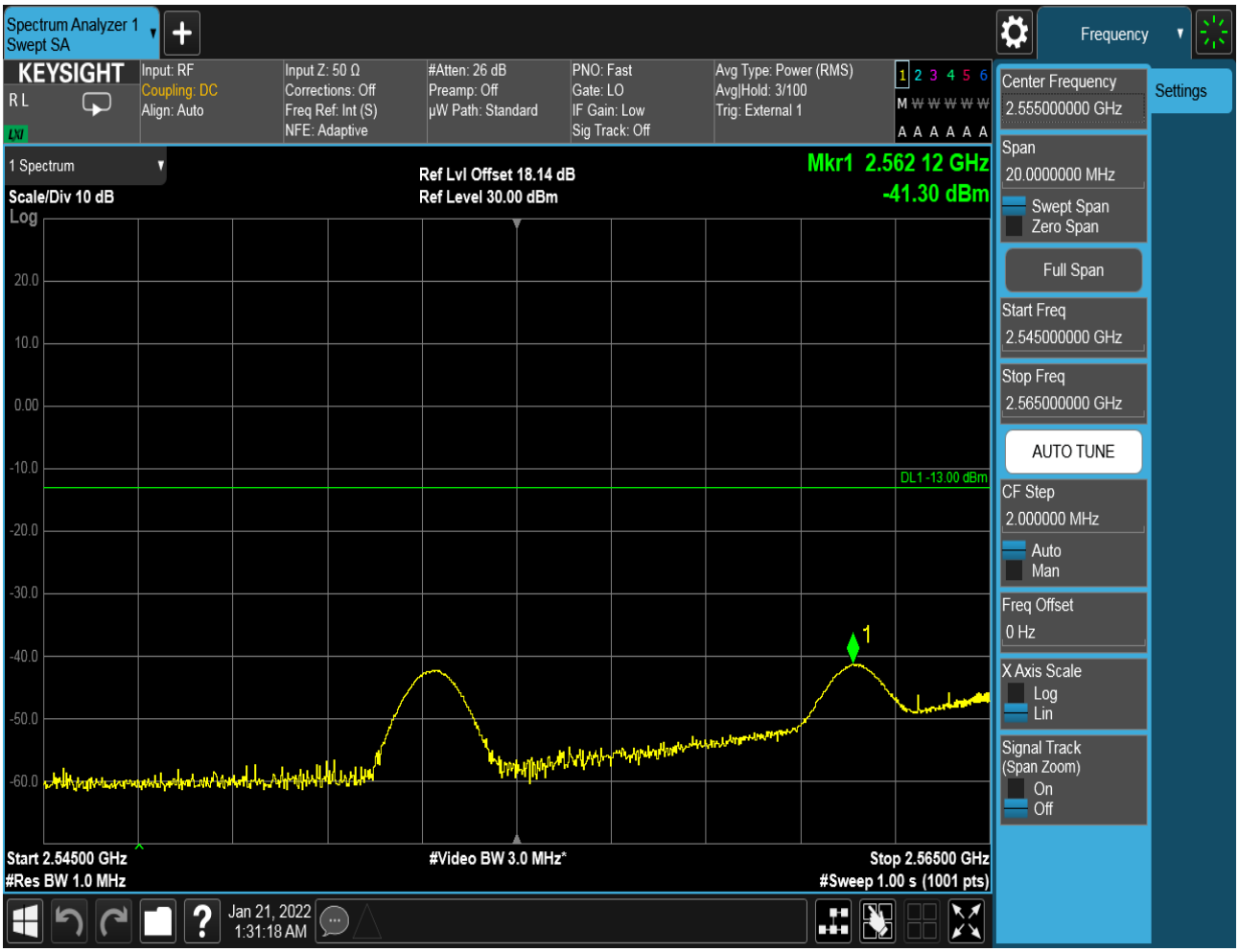
5.1.1.1.4.1.1 Test RB = RB1#0



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 433 5 GHz
-35.00 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:28:06 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Best Wide
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-17.99 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#Video BW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:29:05 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

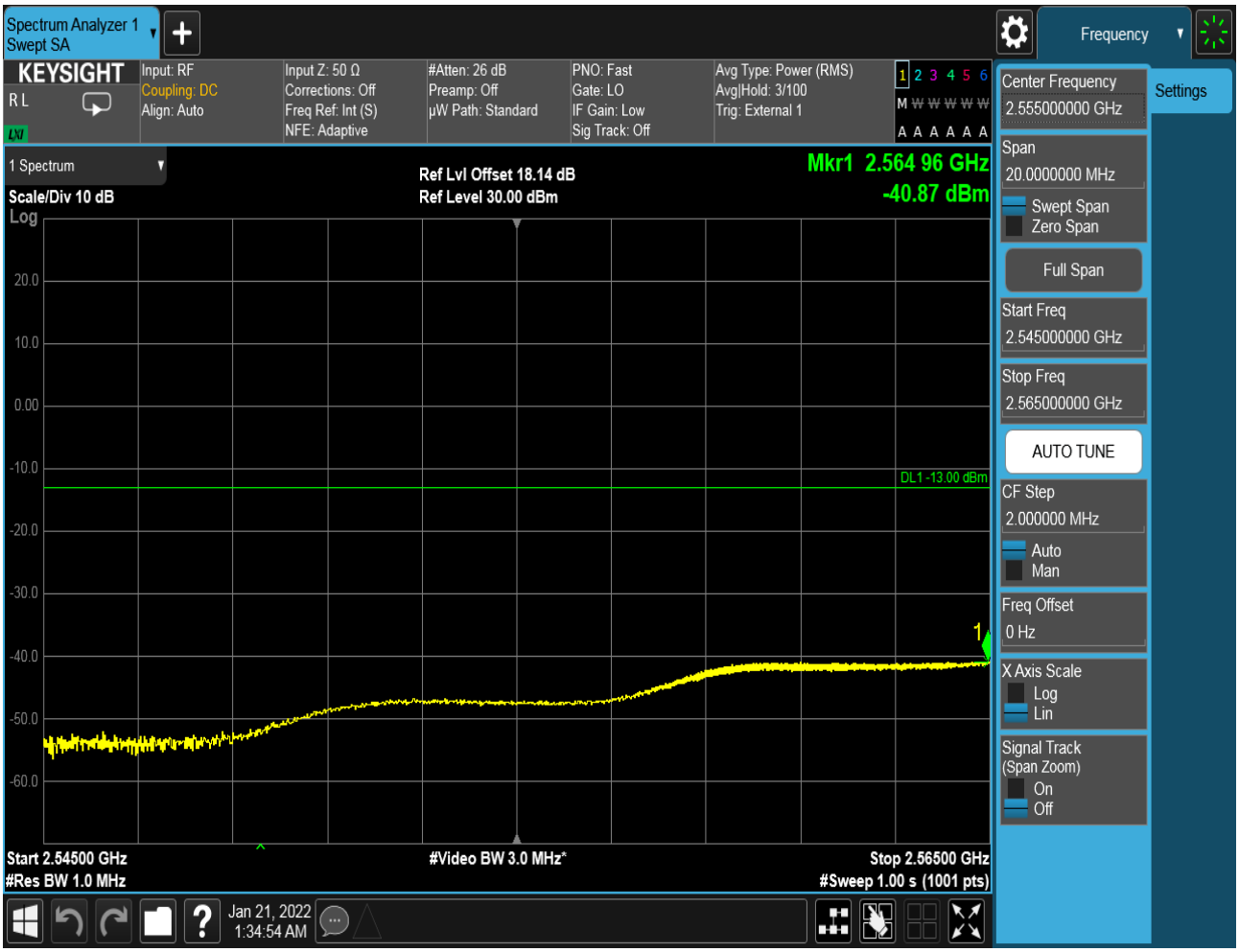
5.1.1.1.4.1.2 Test RB = RB1#99



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 279 5 GHz
-41.57 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:31:41 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Best Wide
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 985 GHz
-38.42 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#Video BW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:32:40 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.1.4.1.3 Test RB = RB50#25



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 451 0 GHz
-32.80 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:35:16 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Best Wide
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 995 GHz
-34.58 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#Video BW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:36:16 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.1.4.1.4 Test RB = RB100#0

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 430 0 GHz
-31.35 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:38:53 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Best Wide
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 995 GHz
-30.69 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#Video BW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:39:51 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0

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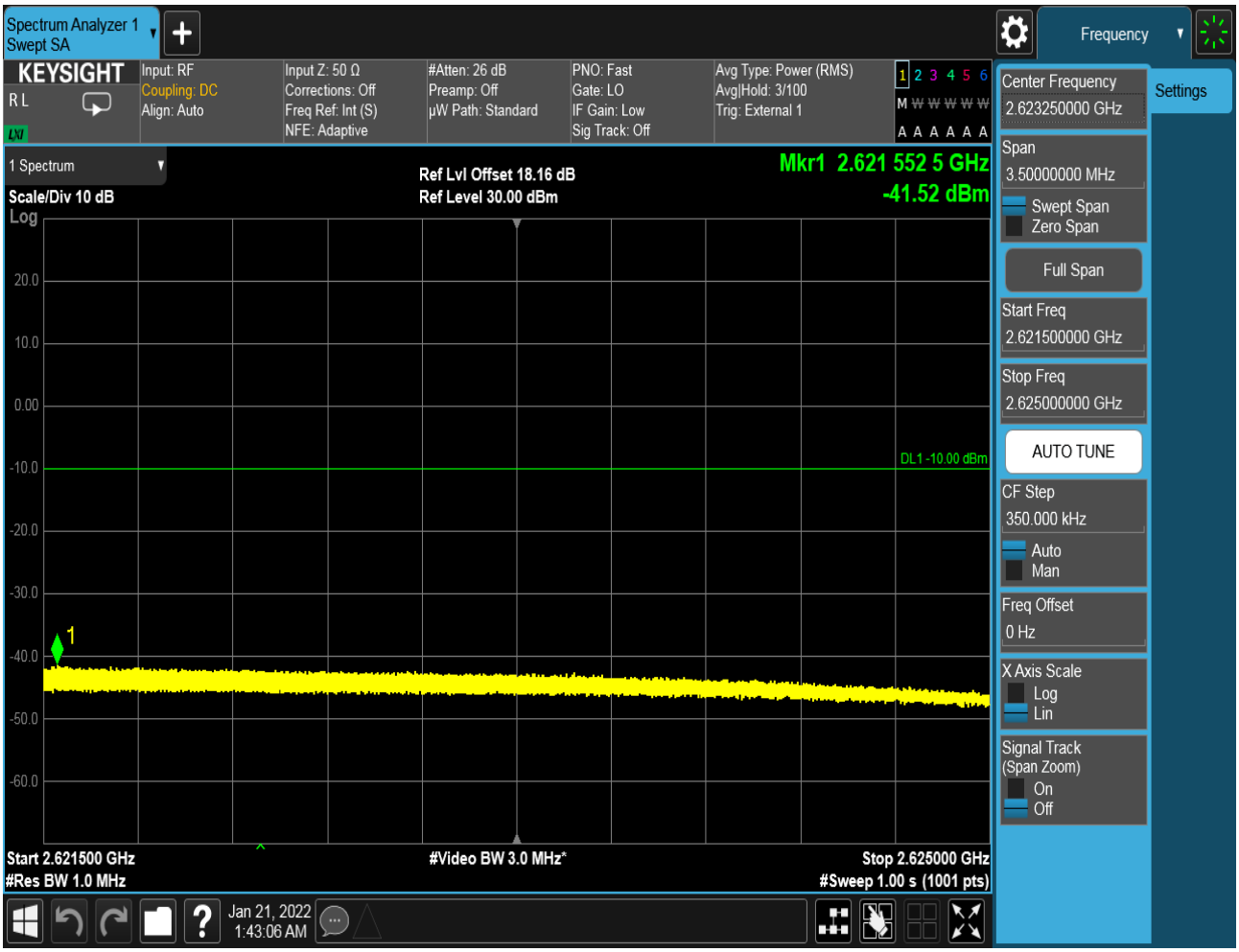
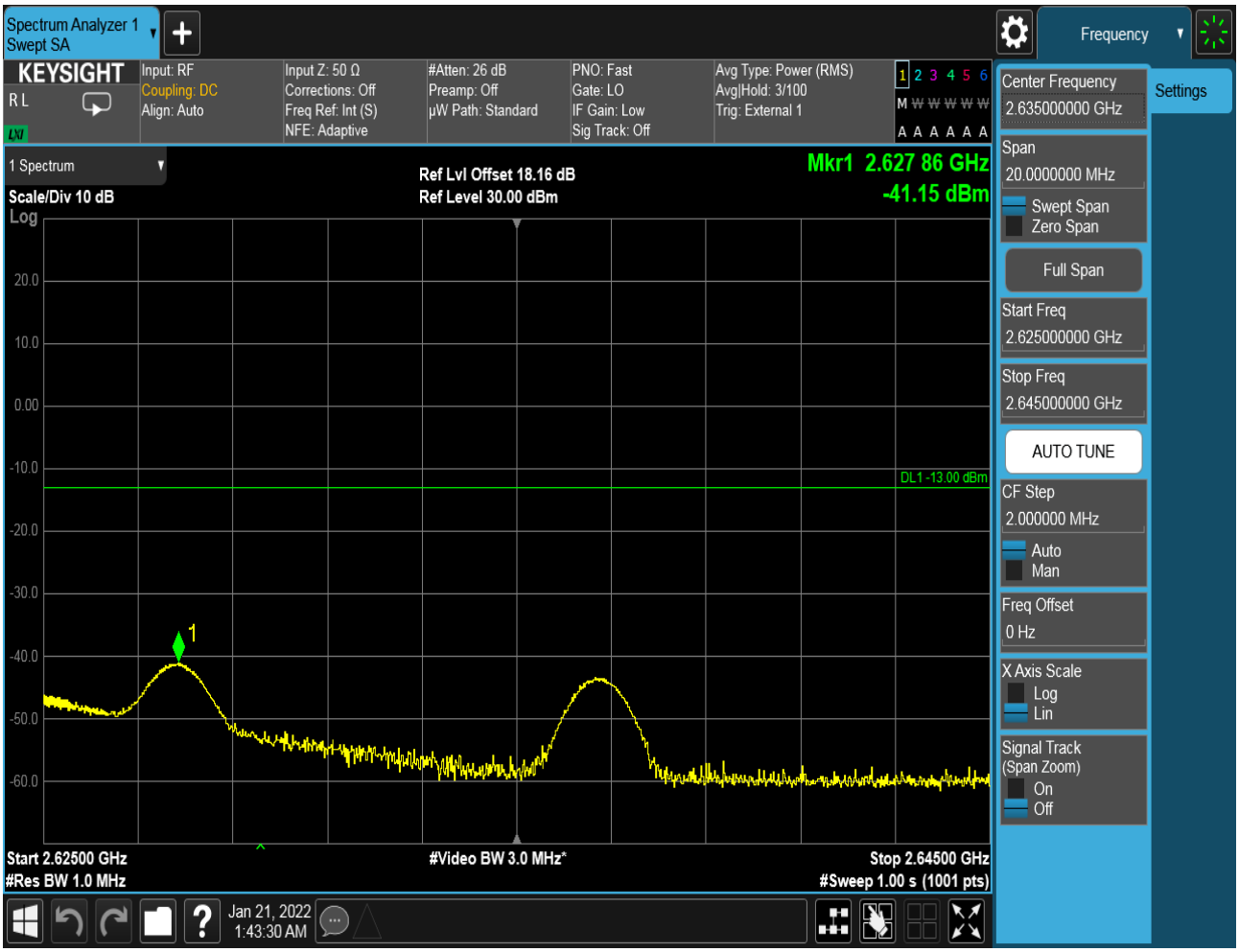
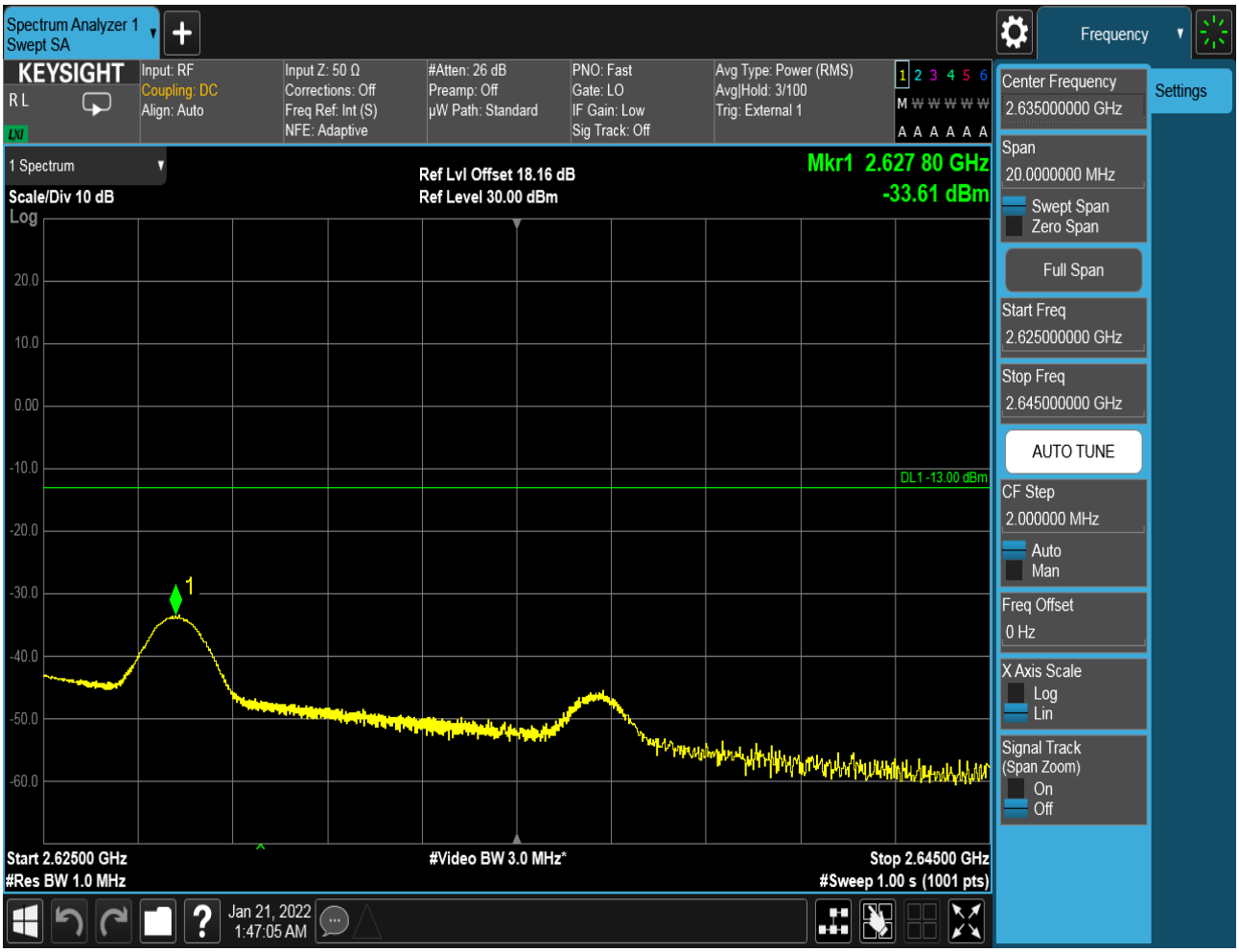

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 552 5 GHz
-41.52 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:43:06 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.627 86 GHz
-41.15 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:43:30 AM
Frequency
Settings
Center Frequency
2.635000000 GHz
Span
20.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
AUTO TUNE
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

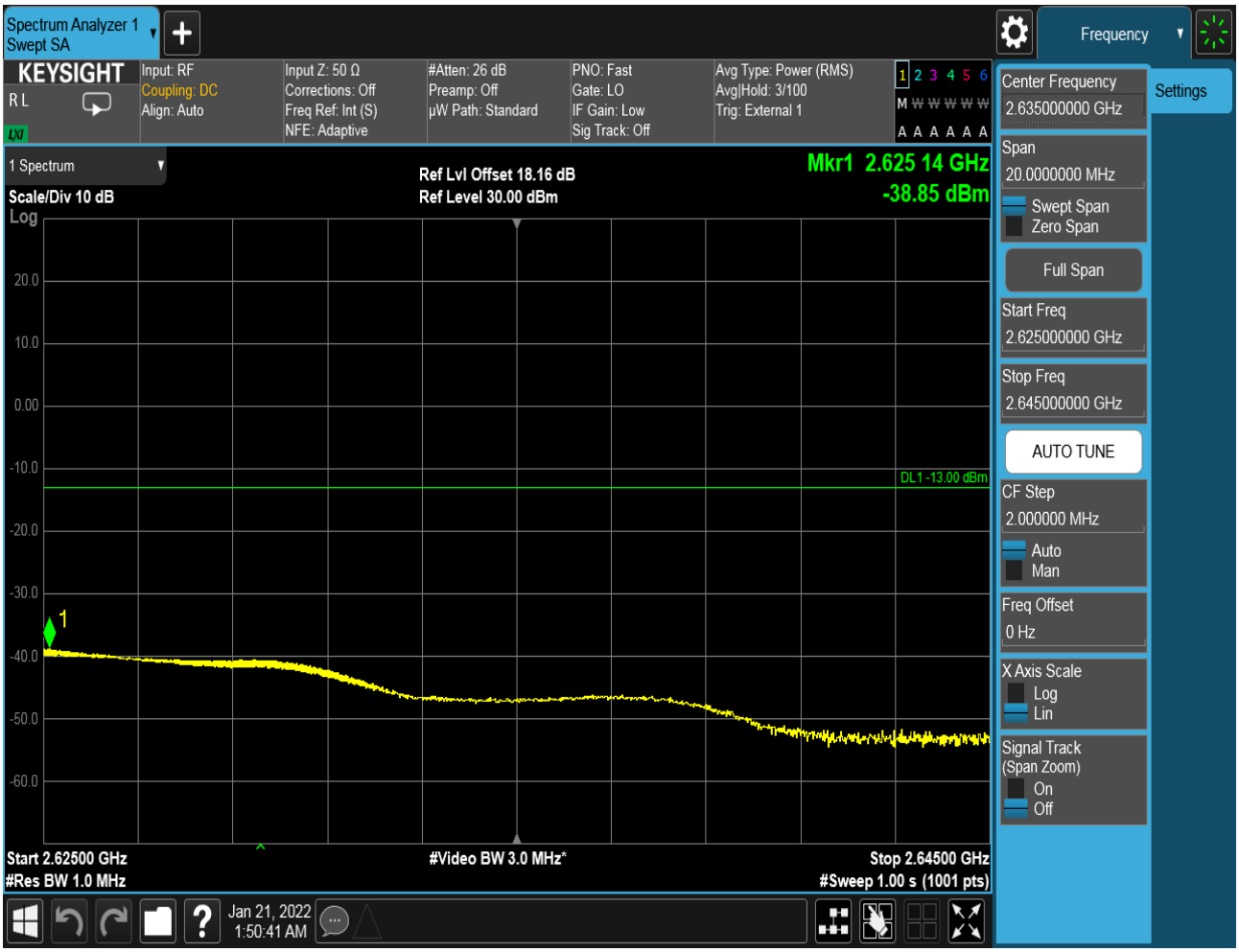
5.1.1.1.4.2.2 Test RB = RB1#99

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 517 5 GHz
-34.18 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:46:42 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.627 80 GHz
-33.61 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:47:05 AM
Frequency
Settings
Center Frequency
2.635000000 GHz
Span
20.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
AUTO TUNE
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

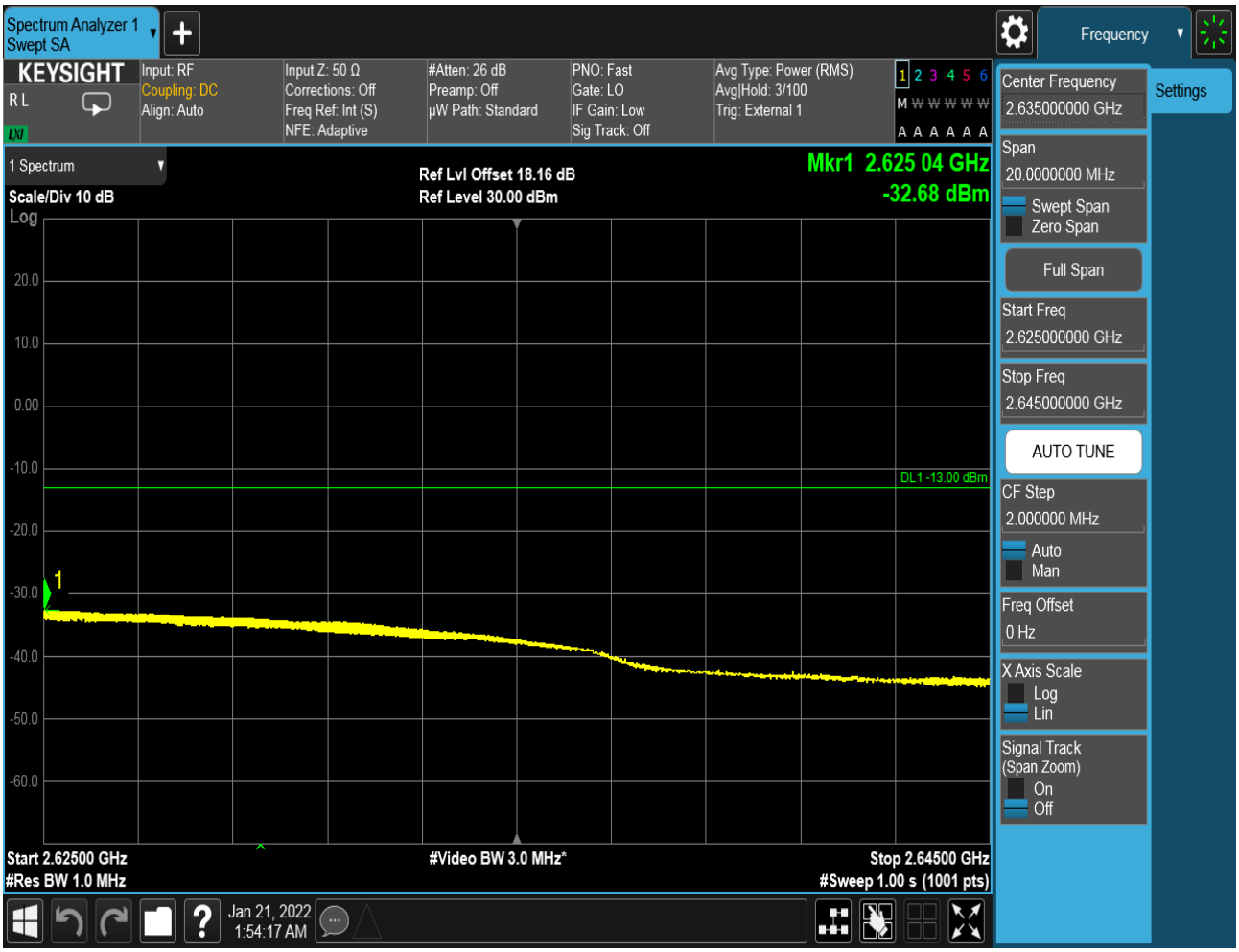
5.1.1.1.4.2.3 Test RB = RB50#25

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 500 0 GHz
-32.63 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:50:18 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 14 GHz
-38.85 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:50:41 AM
Frequency
Settings
Center Frequency
2.635000000 GHz
Span
20.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
AUTO TUNE
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

5.1.1.1.4.2.4 Test RB = RB100#0

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 500 0 GHz
-30.56 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
1:53:53 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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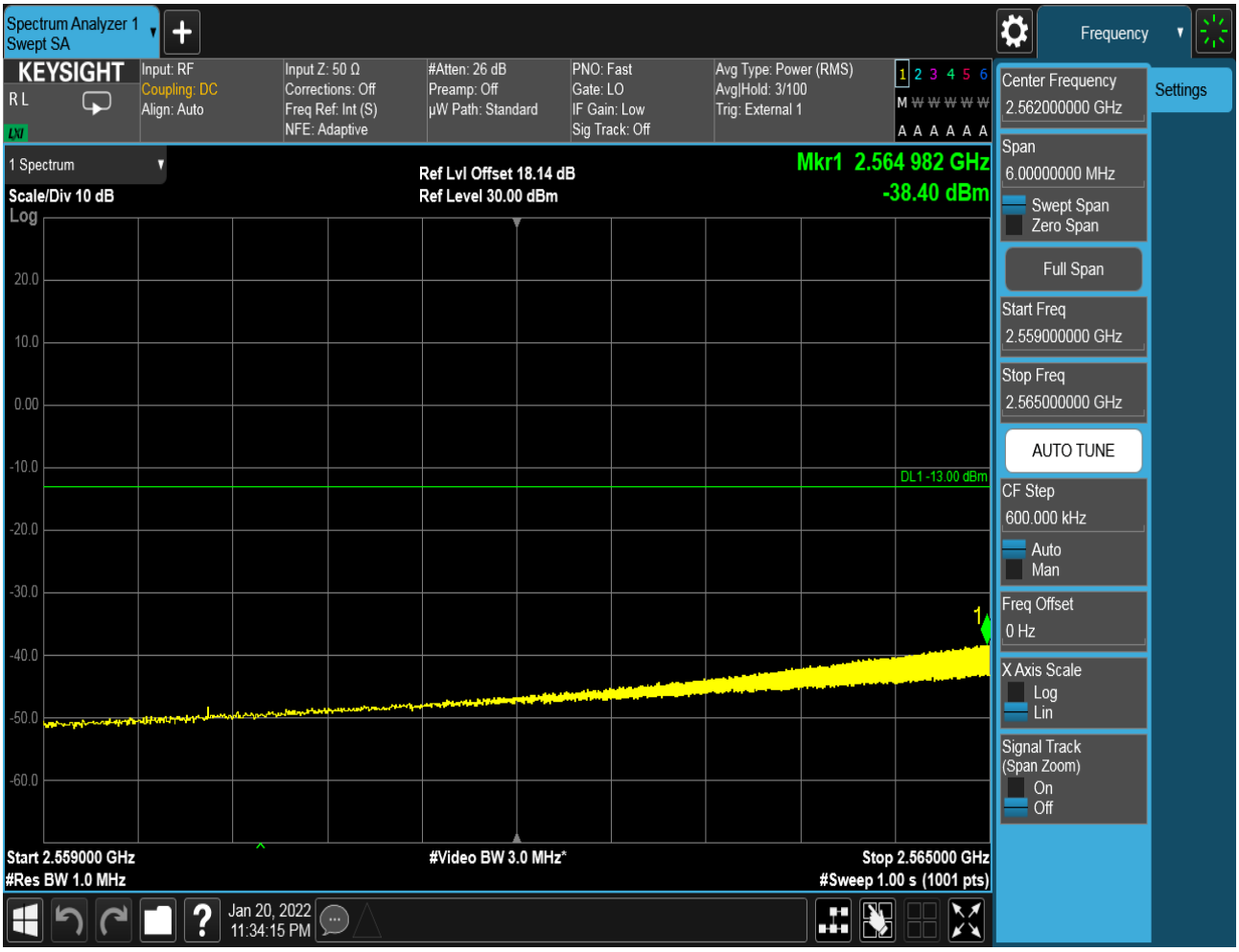
5.1.1.2 Test Mode = LTE/TM2

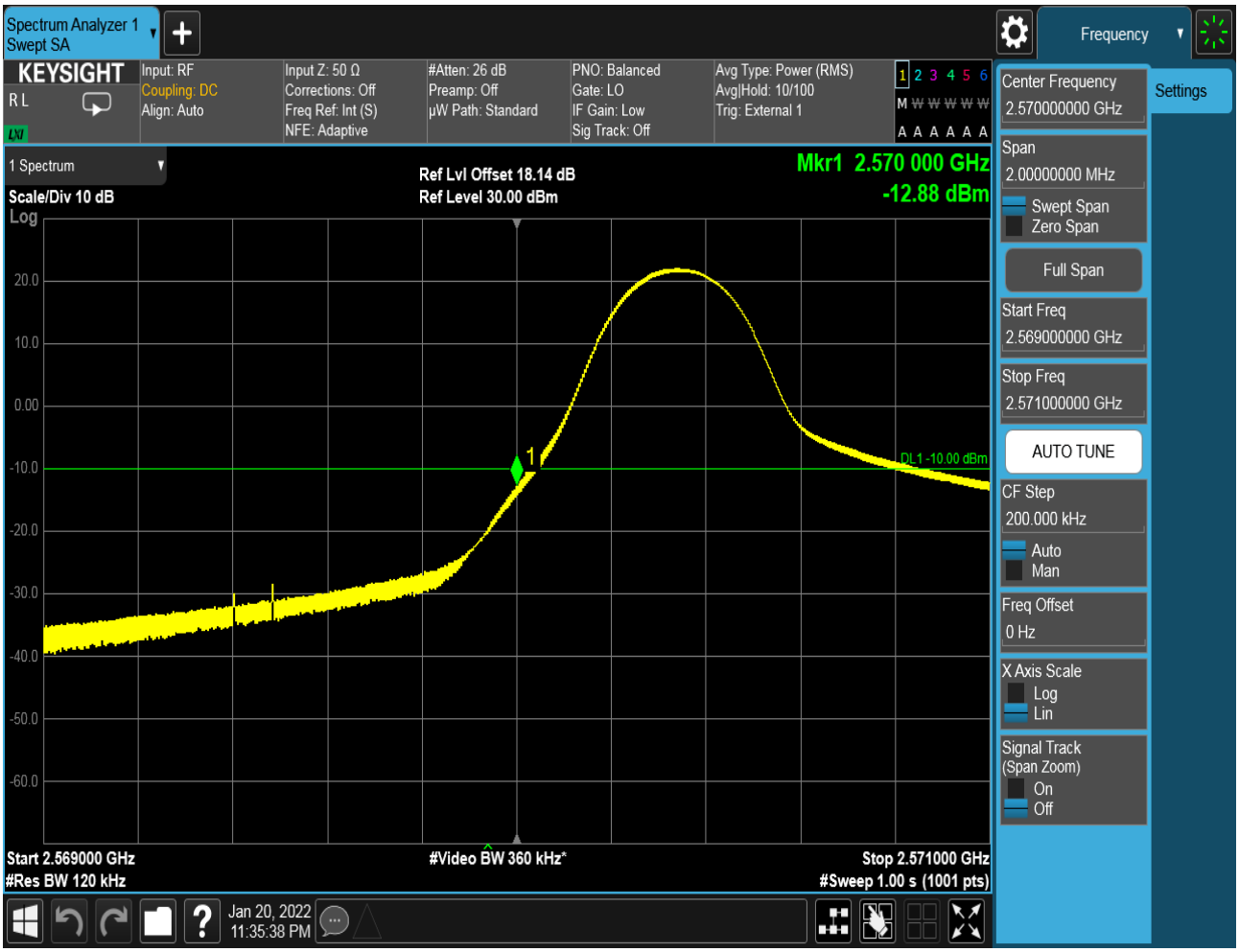
5.1.1.2.1 Test Bandwidth = 5MHz

5.1.1.2.1.1 Test Channel = LCH

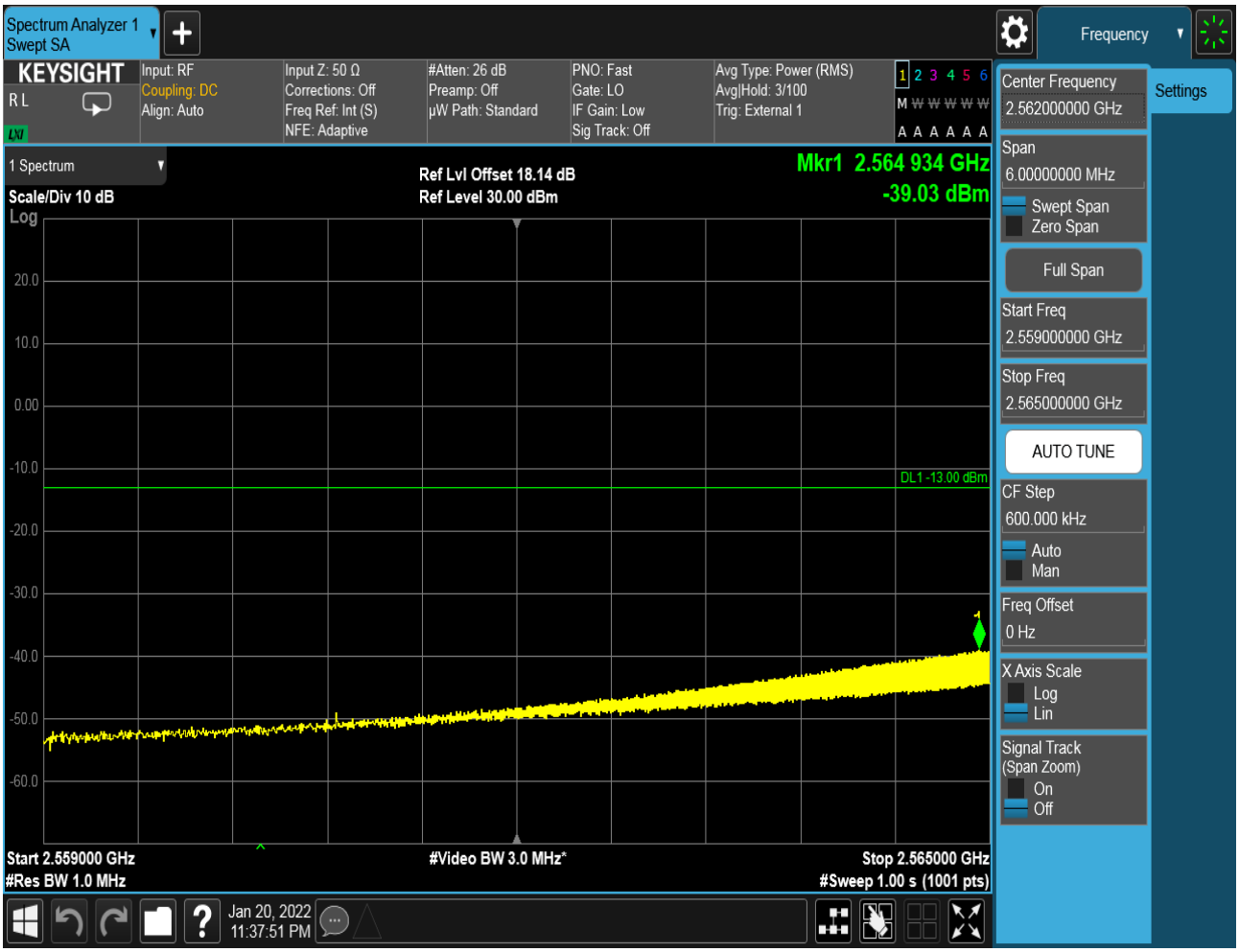
####### 5.1.1.2.1.1.1 Test RB = RB1#0



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 496 5 GHz
-23.29 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:34:38 PM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-12.88 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 120 kHz
#Video BW 360 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:35:38 PM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.1.1.2 Test RB = RB1#24



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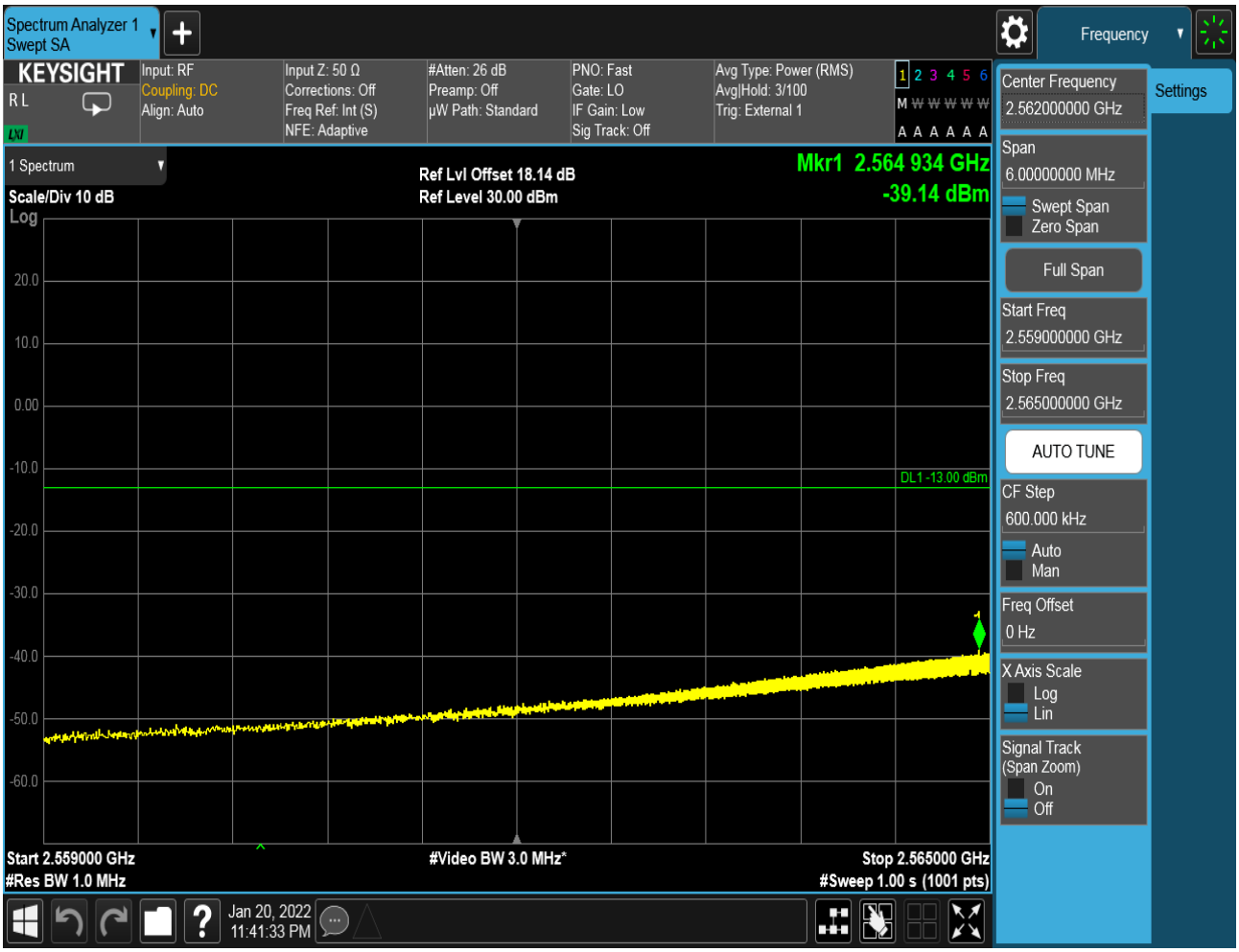
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 440 5 GHz
-33.24 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:38:13 PM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
Frequency
Center Frequency
2.570000000 GHz
Settings
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-31.79 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 120 kHz
#Video BW 360 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:39:13 PM

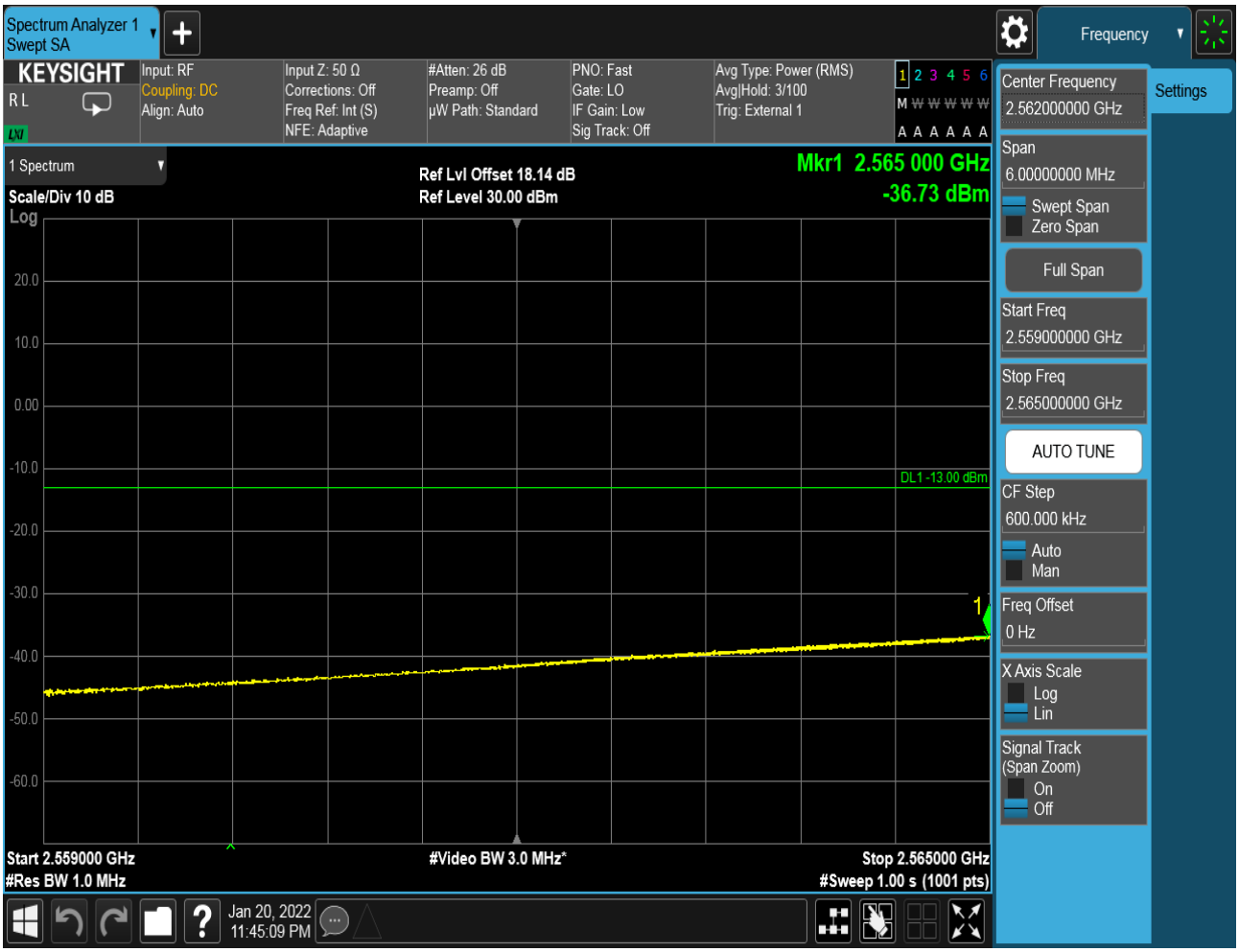
5.1.1.2.1.1.3 Test RB = RB12#6



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 468 5 GHz
-32.28 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:41:57 PM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-30.12 dBm
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 120 kHz
#Video BW 360 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:42:57 PM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.1.1.4 Test RB = RB25#0



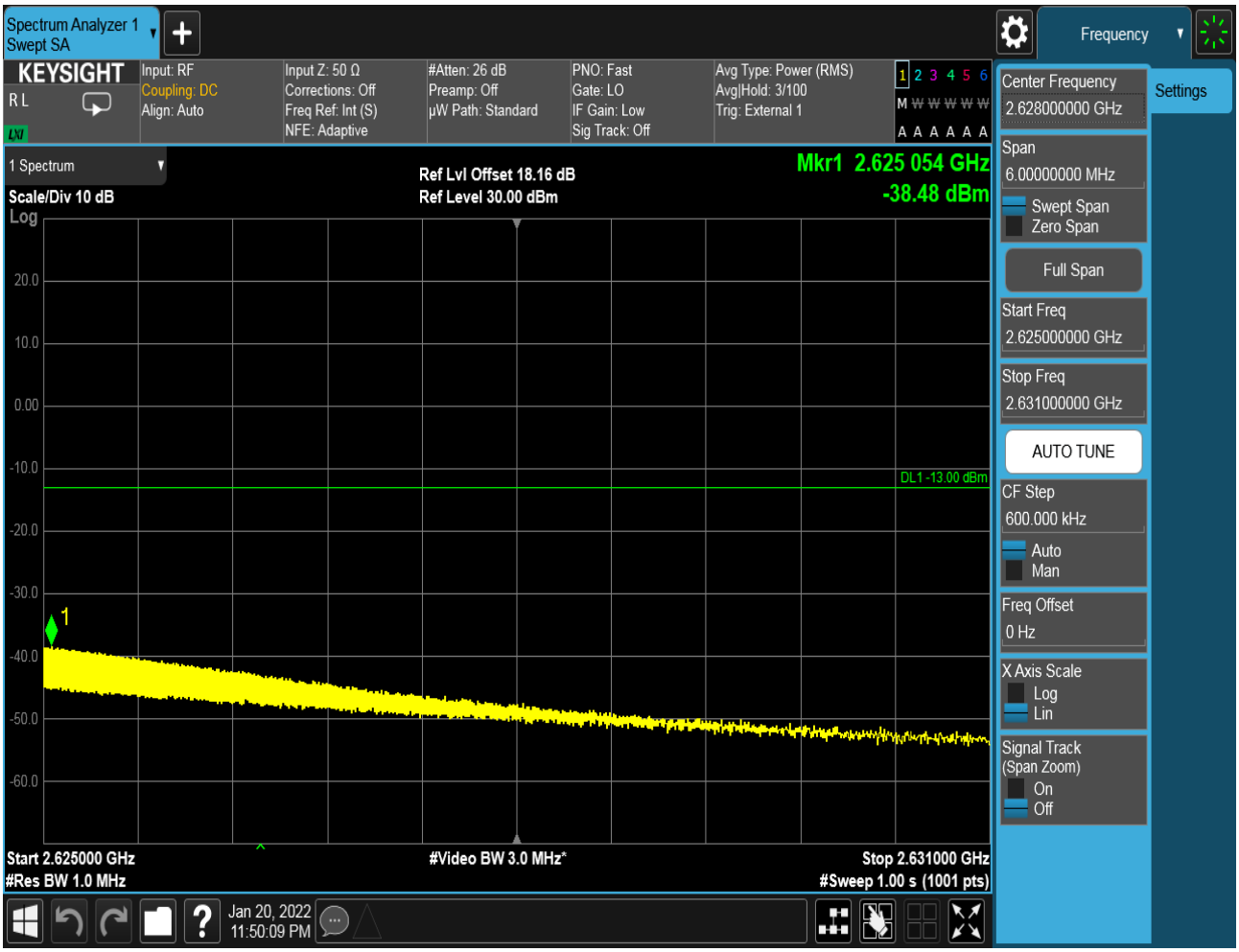
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 500 0 GHz
-28.55 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:45:32 PM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 990 GHz
-26.04 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 120 kHz
#Video BW 360 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:46:32 PM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.1.2 Test Channel = HCH

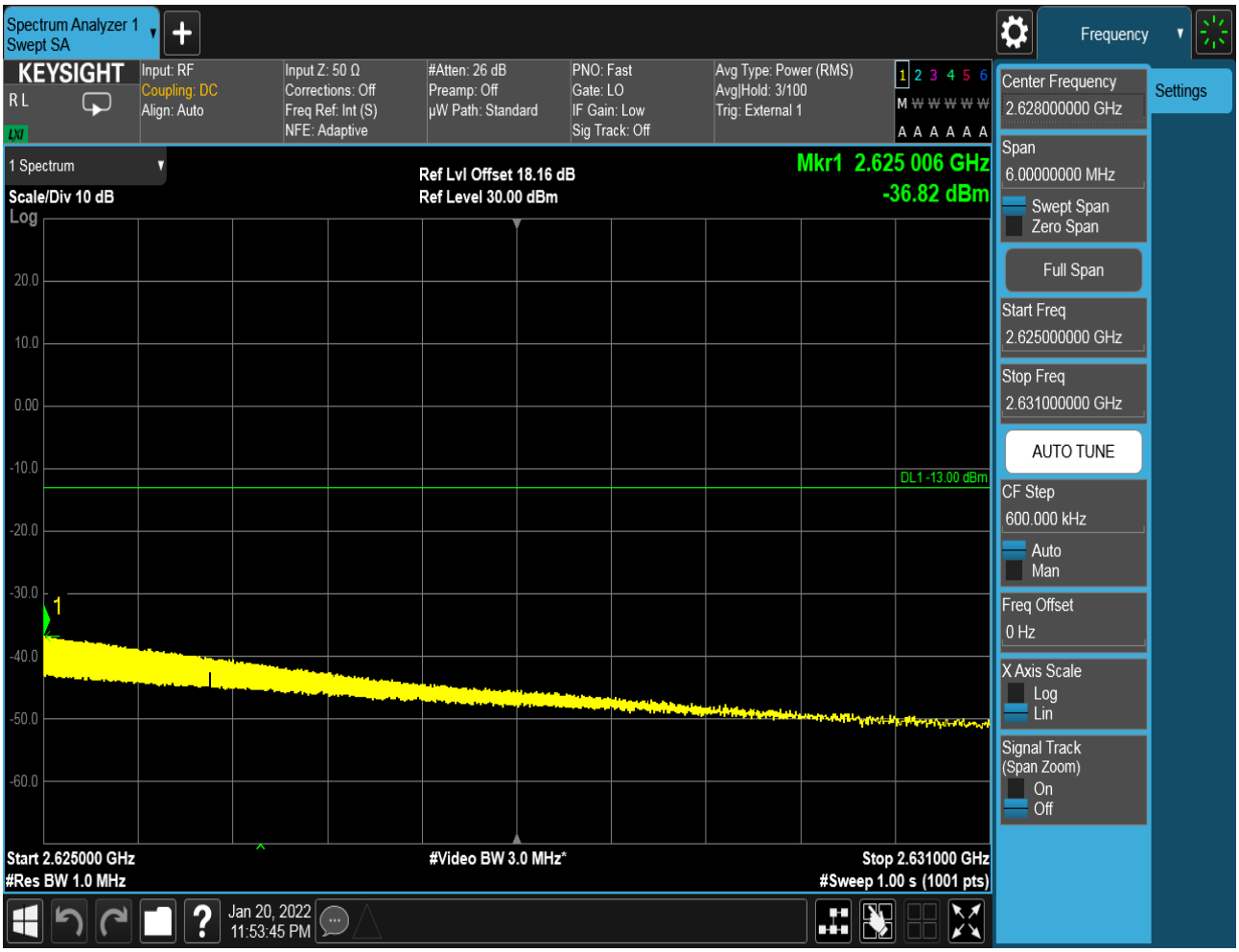
5.1.1.2.1.2.1 Test RB = RB1#0

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 510 5 GHz
-32.29 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:49:46 PM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 054 GHz
-38.48 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.631000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:50:09 PM
Frequency
Settings
Center Frequency
2.628000000 GHz
Span
6.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.631000000 GHz
AUTO TUNE
CF Step
600.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

5.1.1.2.1.2.2 Test RB = RB1#24

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 503 5 GHz
-22.30 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:53:21 PM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 006 GHz
-36.82 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.631000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:53:45 PM
Frequency
Settings
Center Frequency
2.628000000 GHz
Span
6.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.631000000 GHz
AUTO TUNE
CF Step
600.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

5.1.1.2.1.2.3 Test RB = RB12#6

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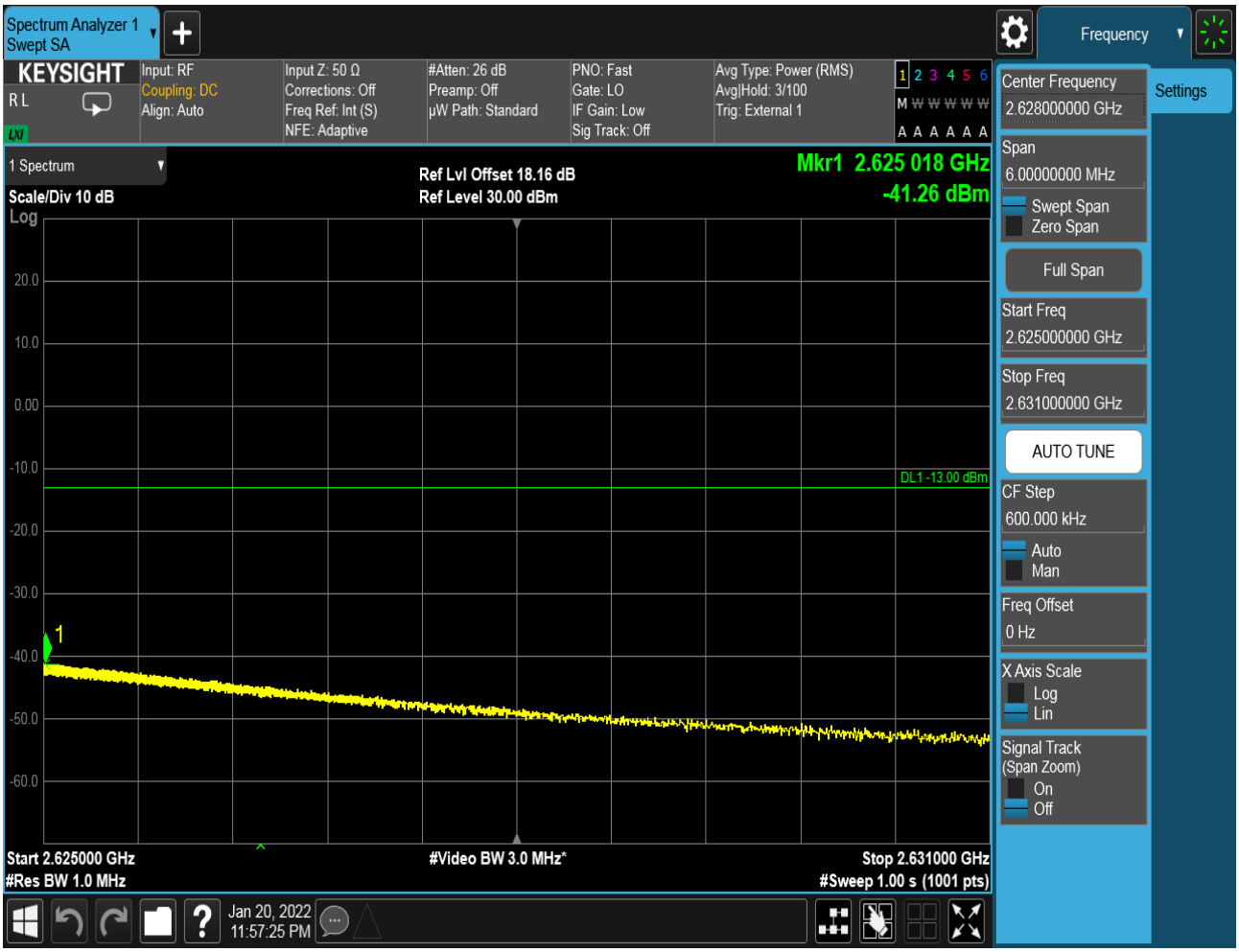
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 517 5 GHz
-33.37 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:57:02 PM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 018 GHz
-41.26 dBm
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.631000 GHz
#Sweep 1.00 s (1001 pts)
Jan 20, 2022
11:57:25 PM
Frequency
Settings
Center Frequency
2.628000000 GHz
Span
6.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.631000000 GHz
AUTO TUNE
CF Step
600.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

5.1.1.2.1.2.4 Test RB = RB25#0

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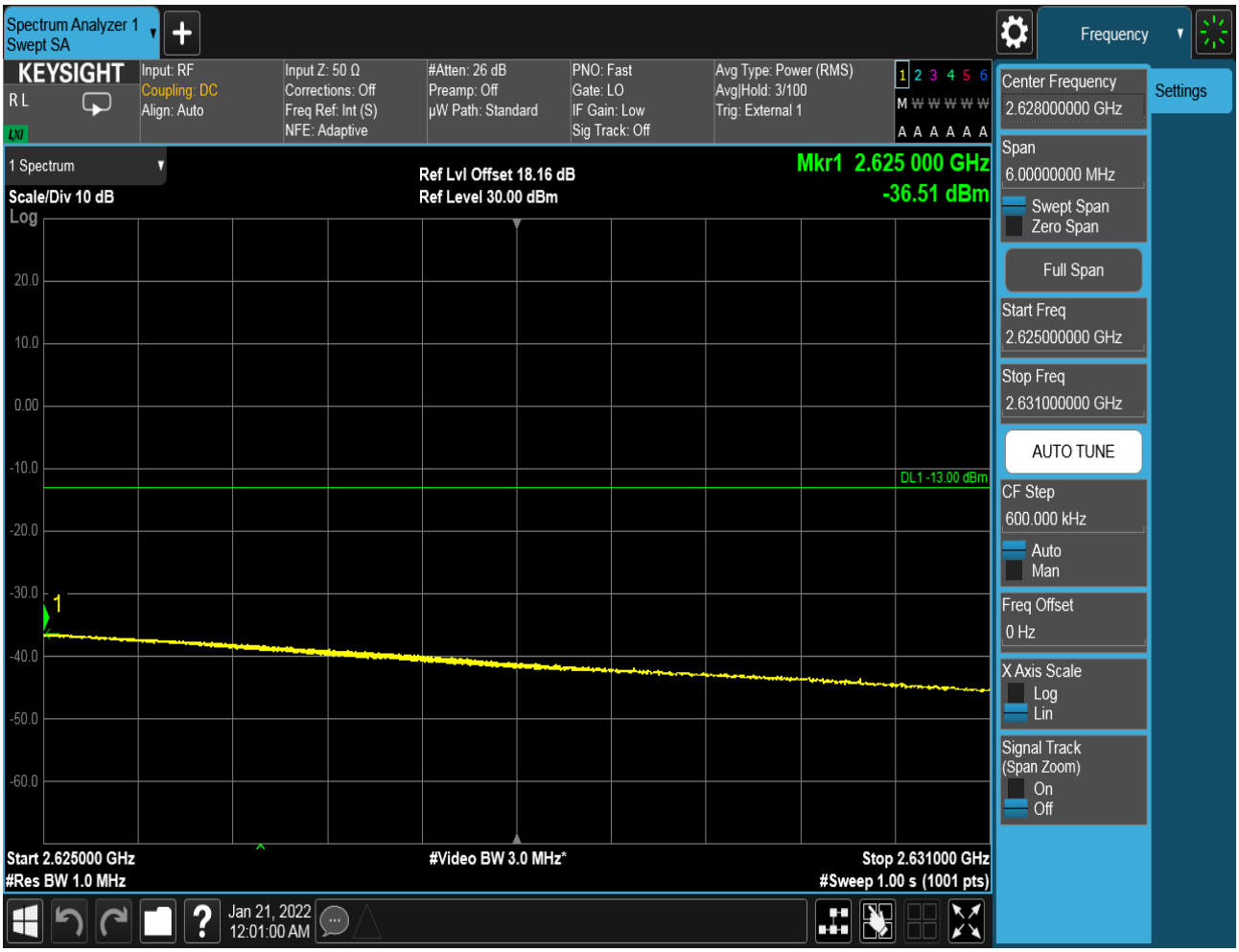
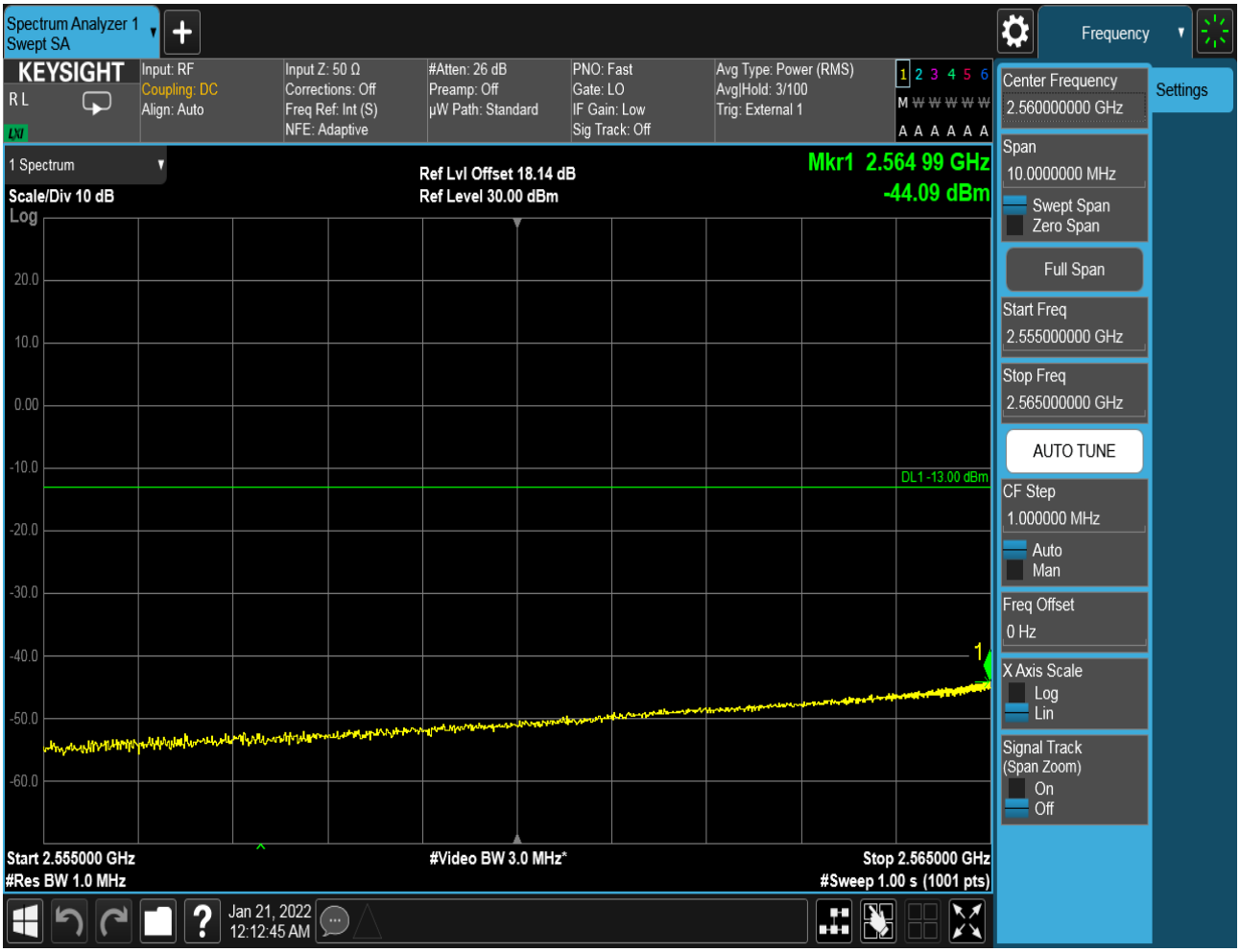
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 500 0 GHz
-28.00 dBm
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:00:38 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

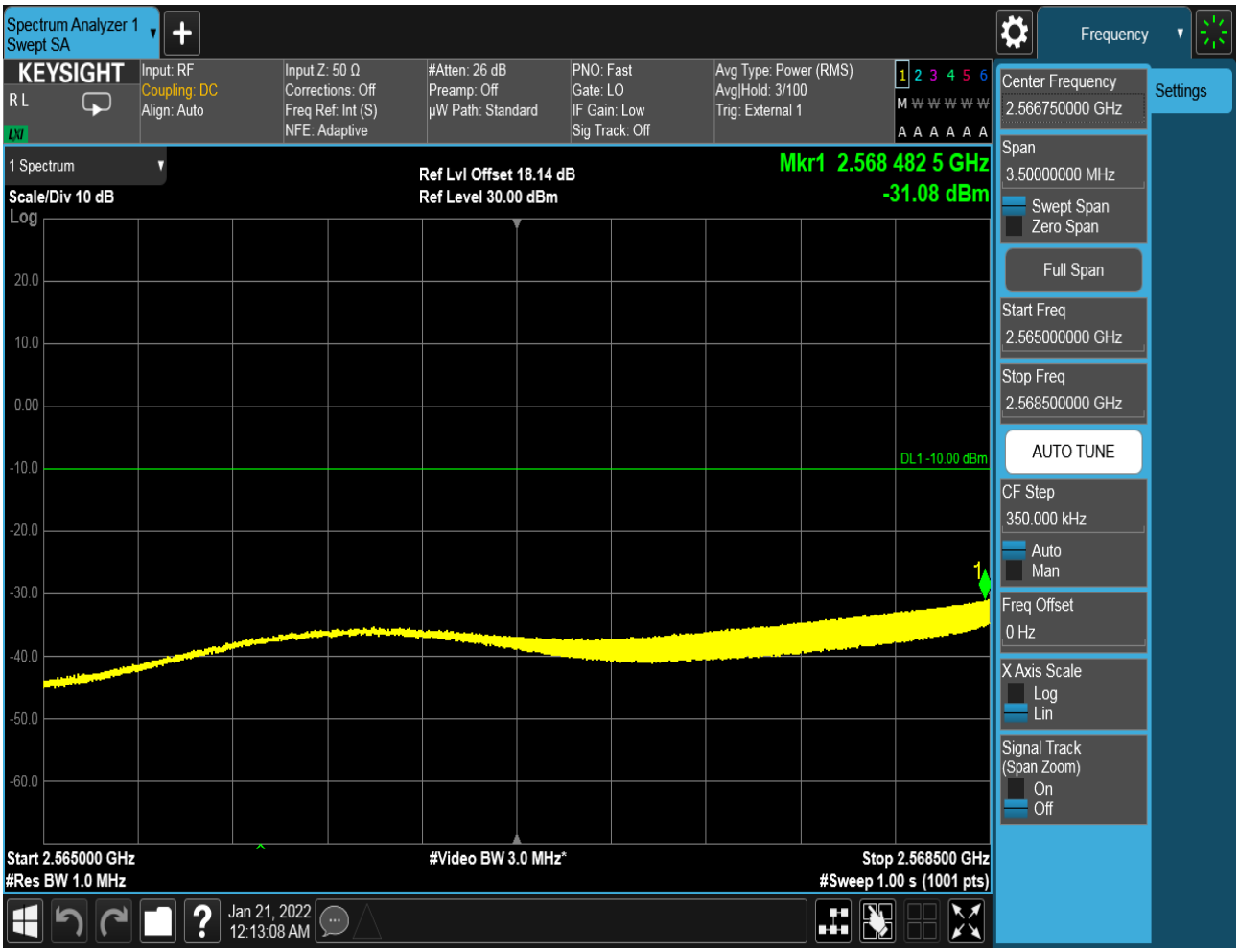

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 000 GHz
-36.51 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.631000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:01:00 AM
Frequency
Settings
Center Frequency
2.628000000 GHz
Span
6.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.631000000 GHz
AUTO TUNE
CF Step
600.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

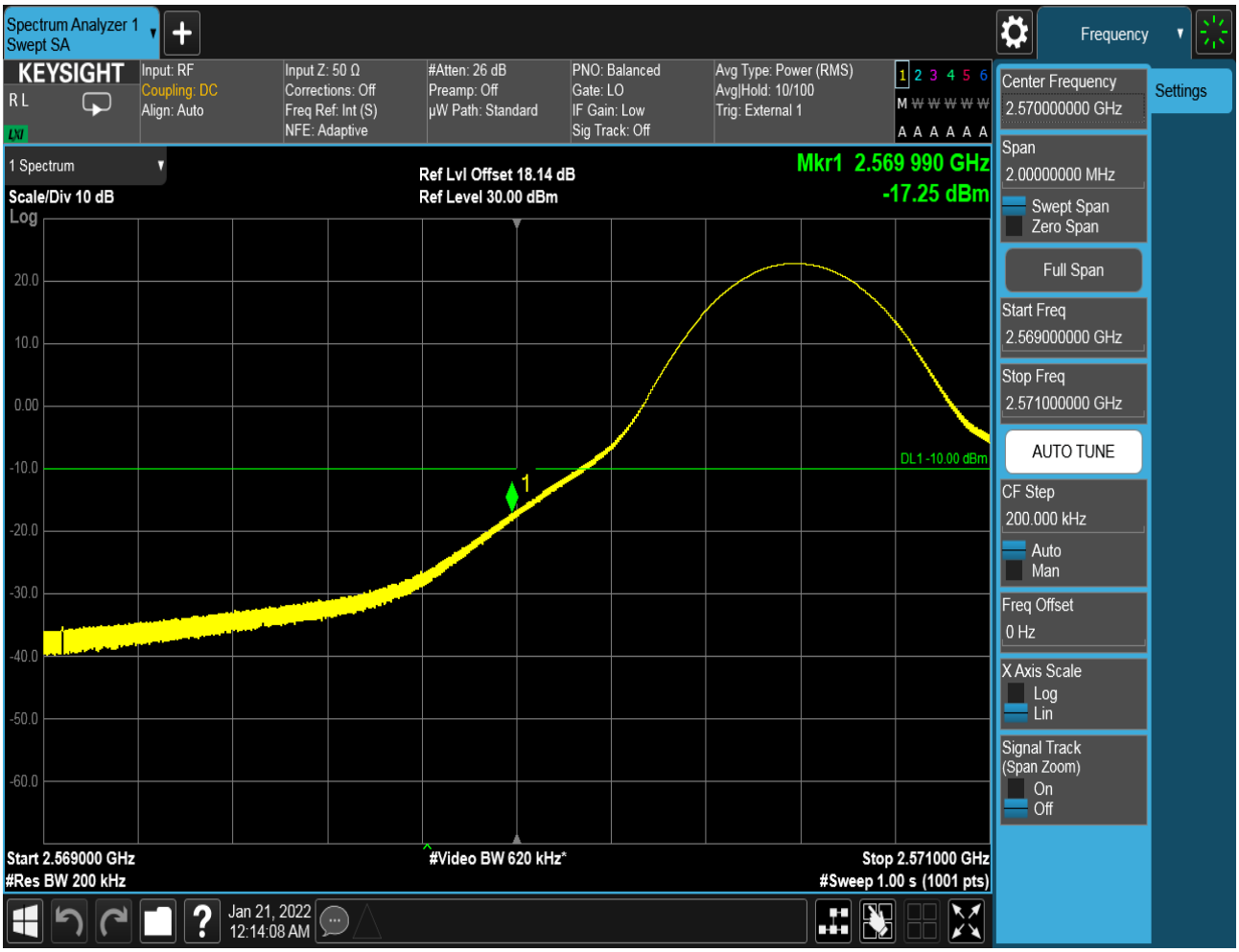
5.1.1.2.2 Test Bandwidth = 10MHz

5.1.1.2.2.1 Test Channel = LCH

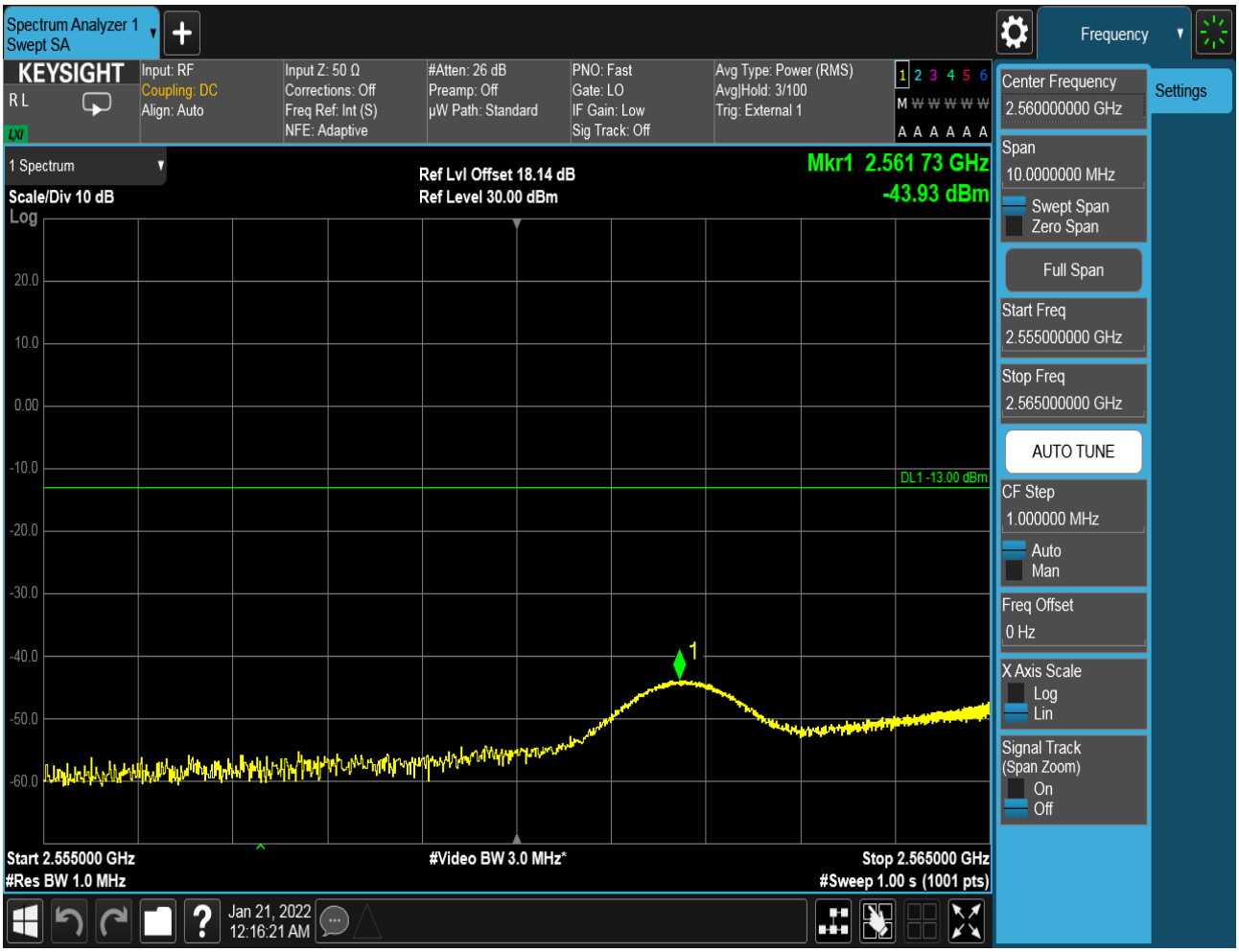
5.1.1.2.2.1.1 Test RB = RB1#0




Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 482 5 GHz
-31.08 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:13:08 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 990 GHz
-17.25 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:14:08 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

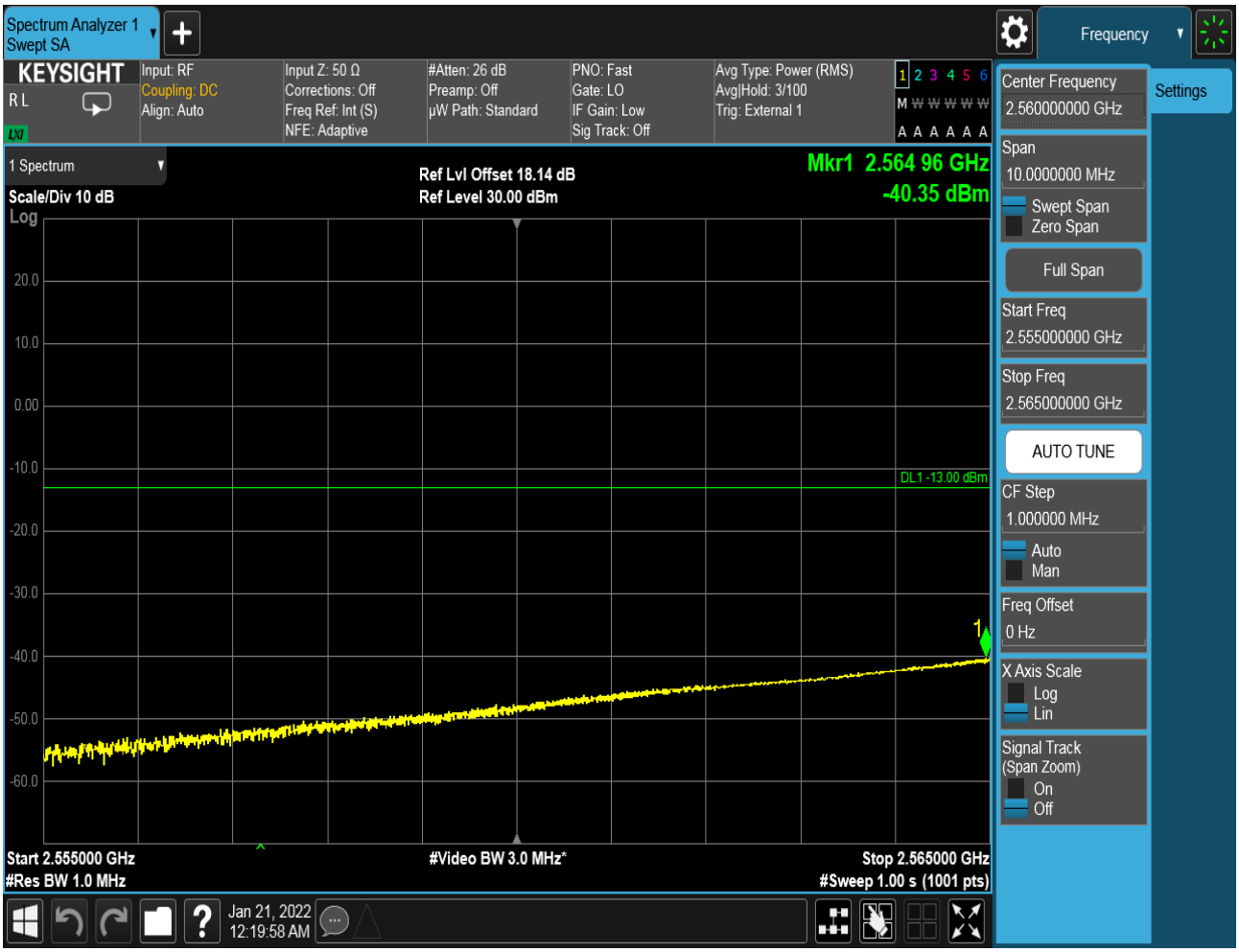
5.1.1.2.2.1.2 Test RB = RB1#49



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 328 5 GHz
-38.37 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:16:45 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.569 990 GHz
-37.10 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:17:45 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.2.1.3 Test RB = RB25#13



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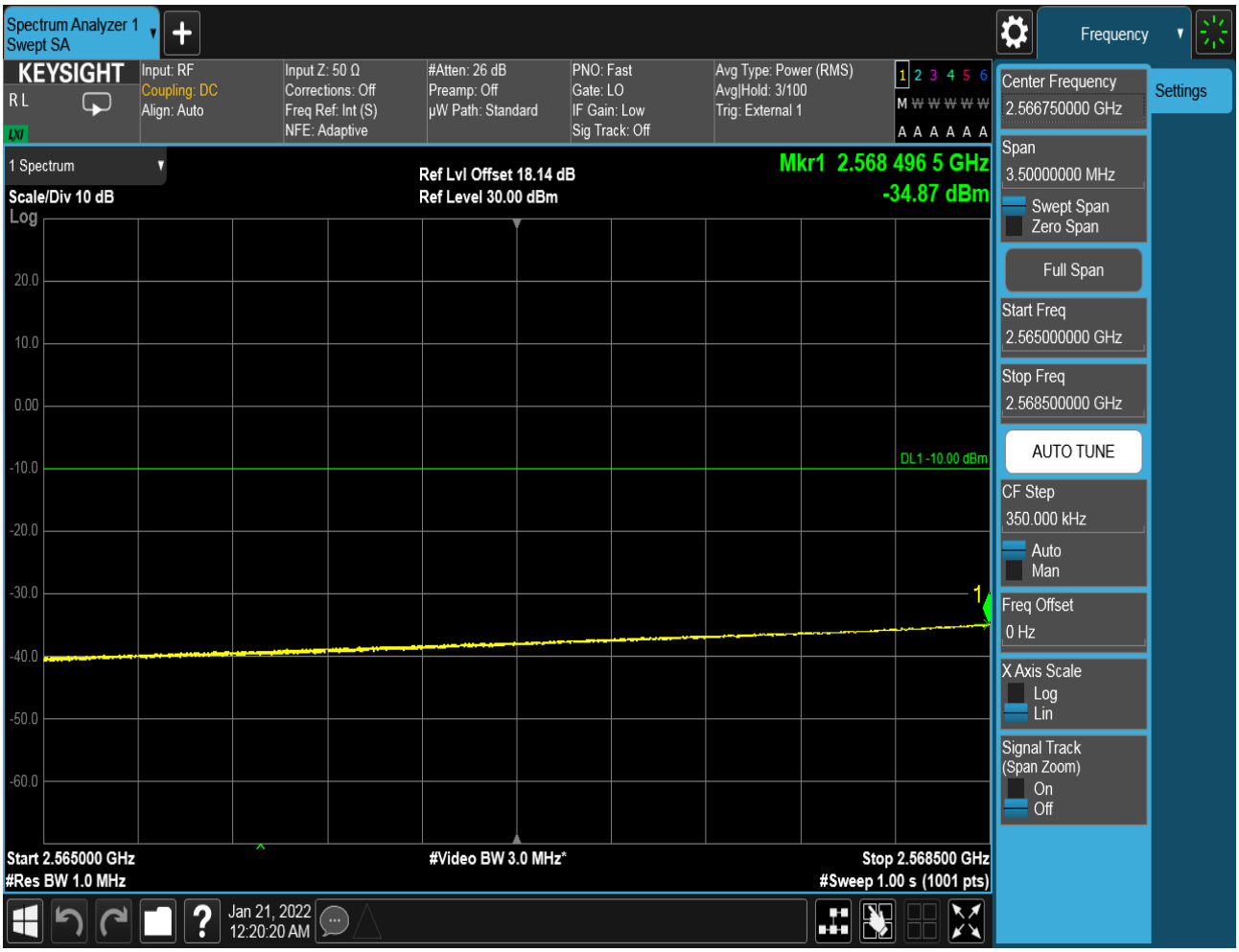
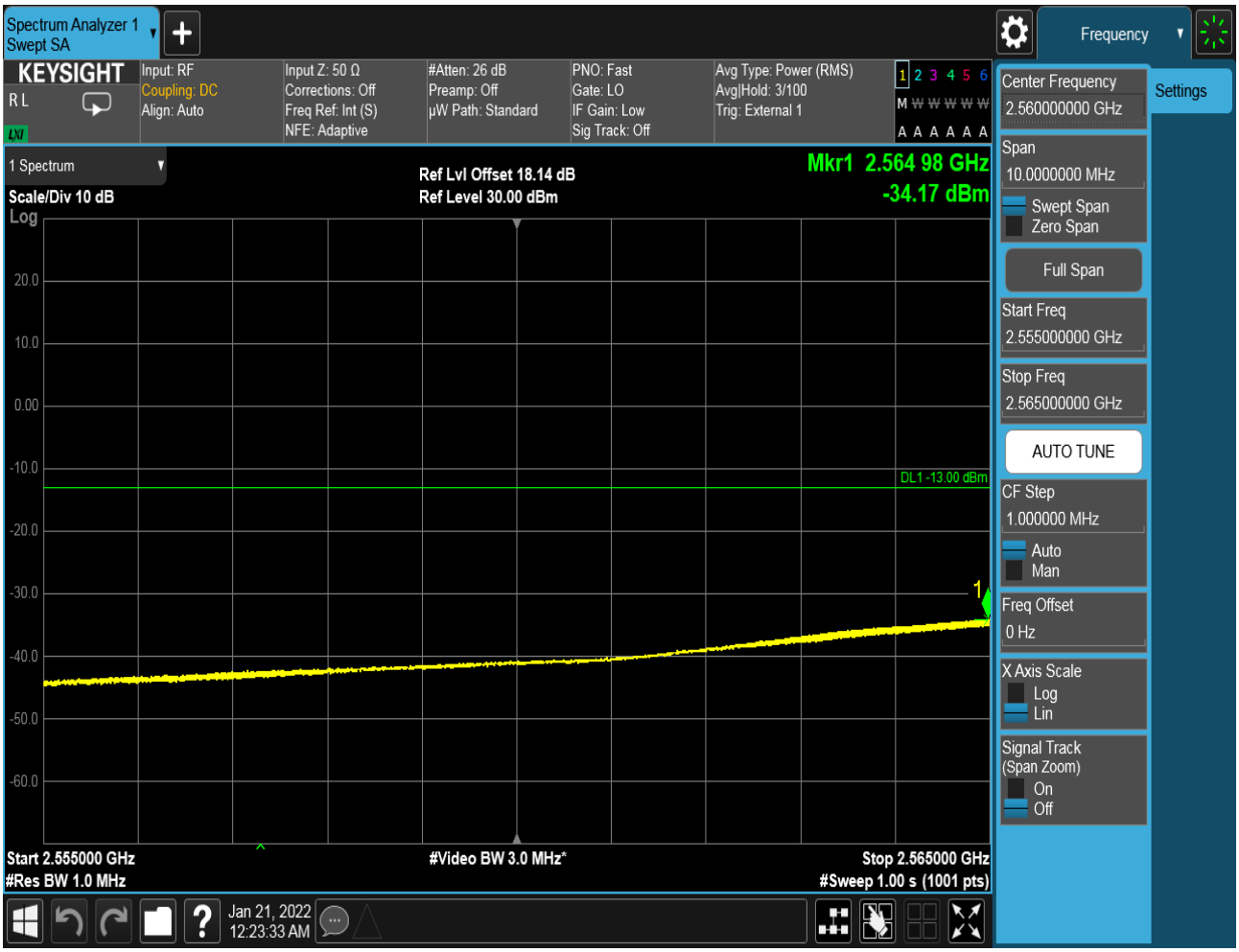
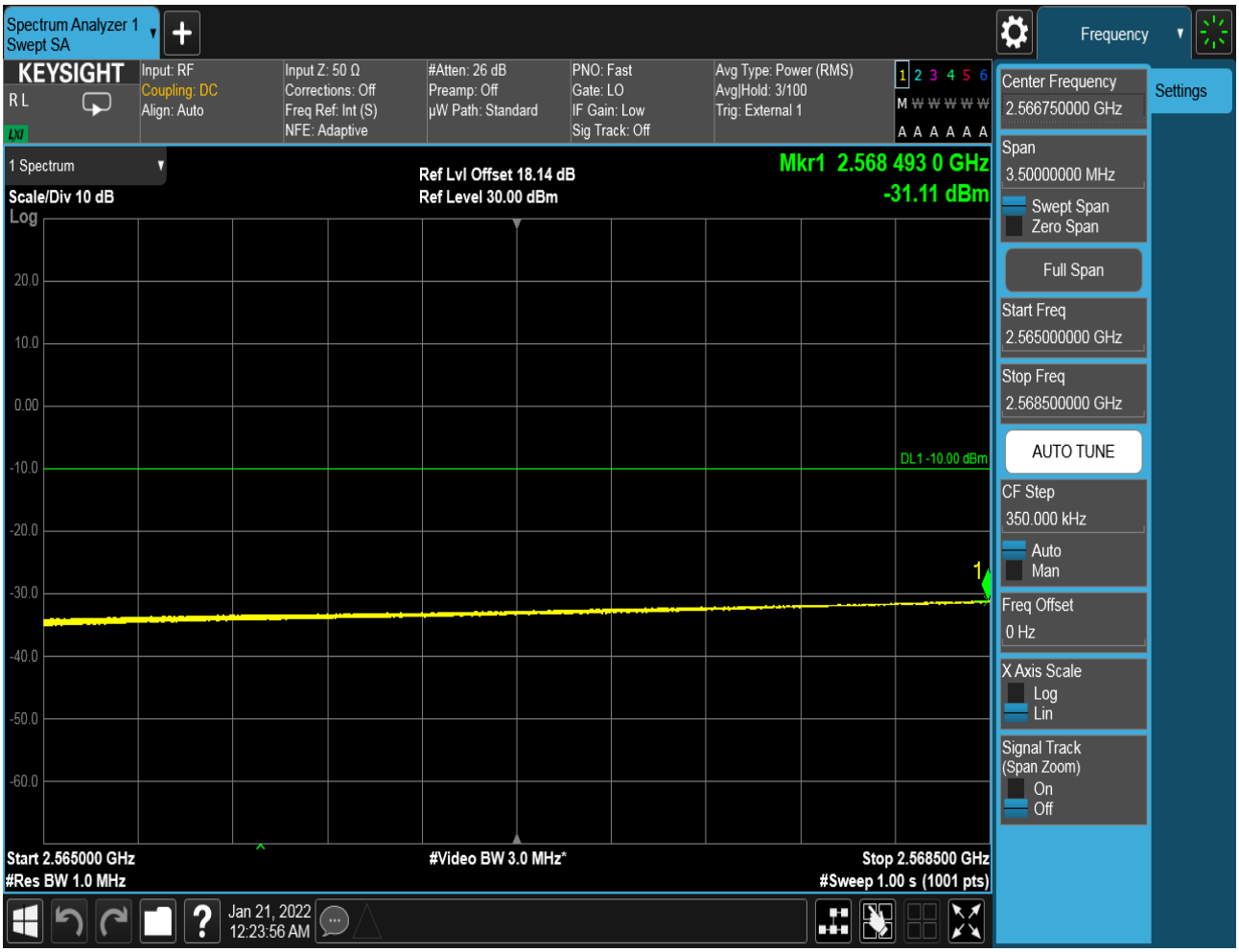

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 496 5 GHz
-34.87 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:20:20 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-33.00 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:21:20 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.2.1.4 Test RB = RB50#0

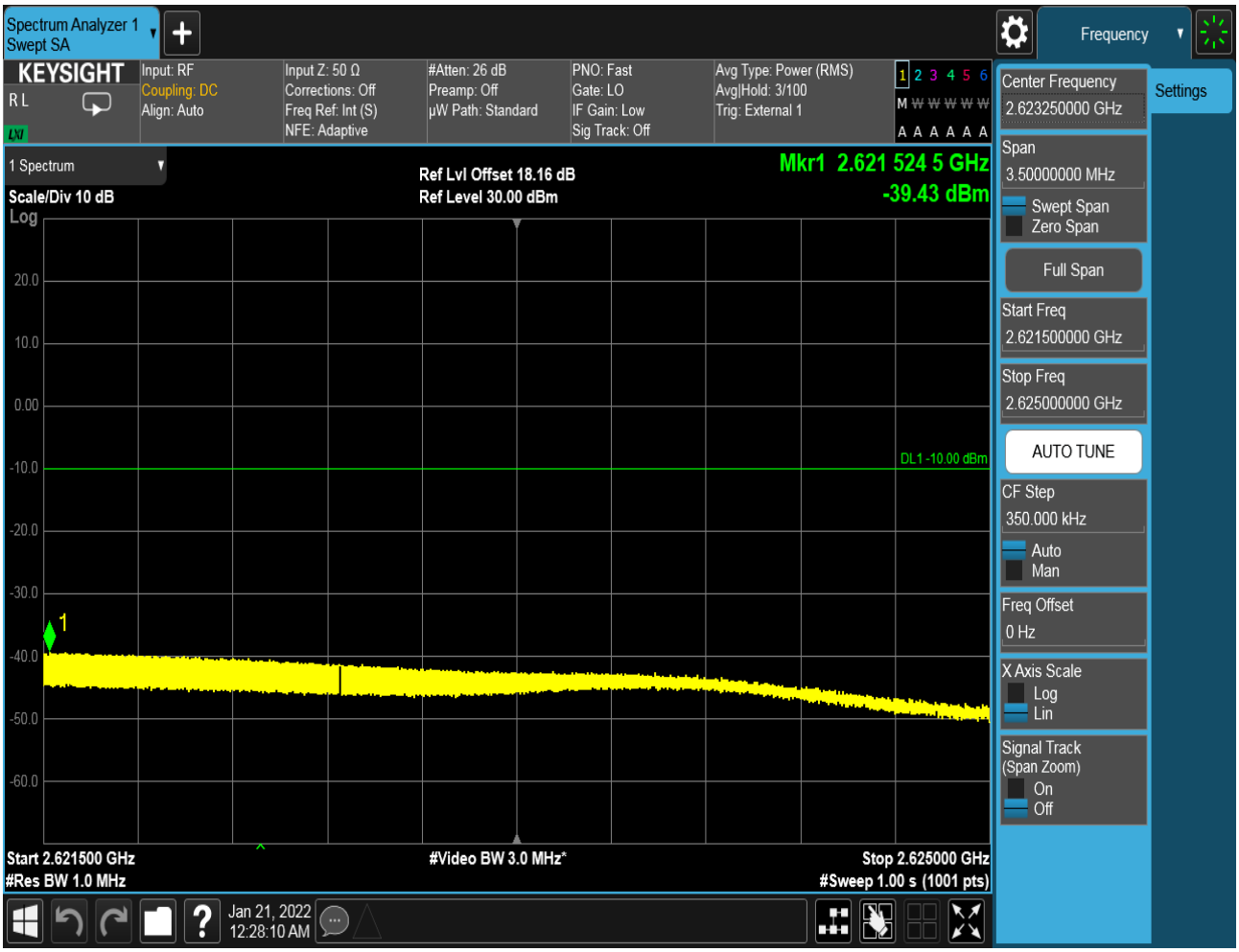


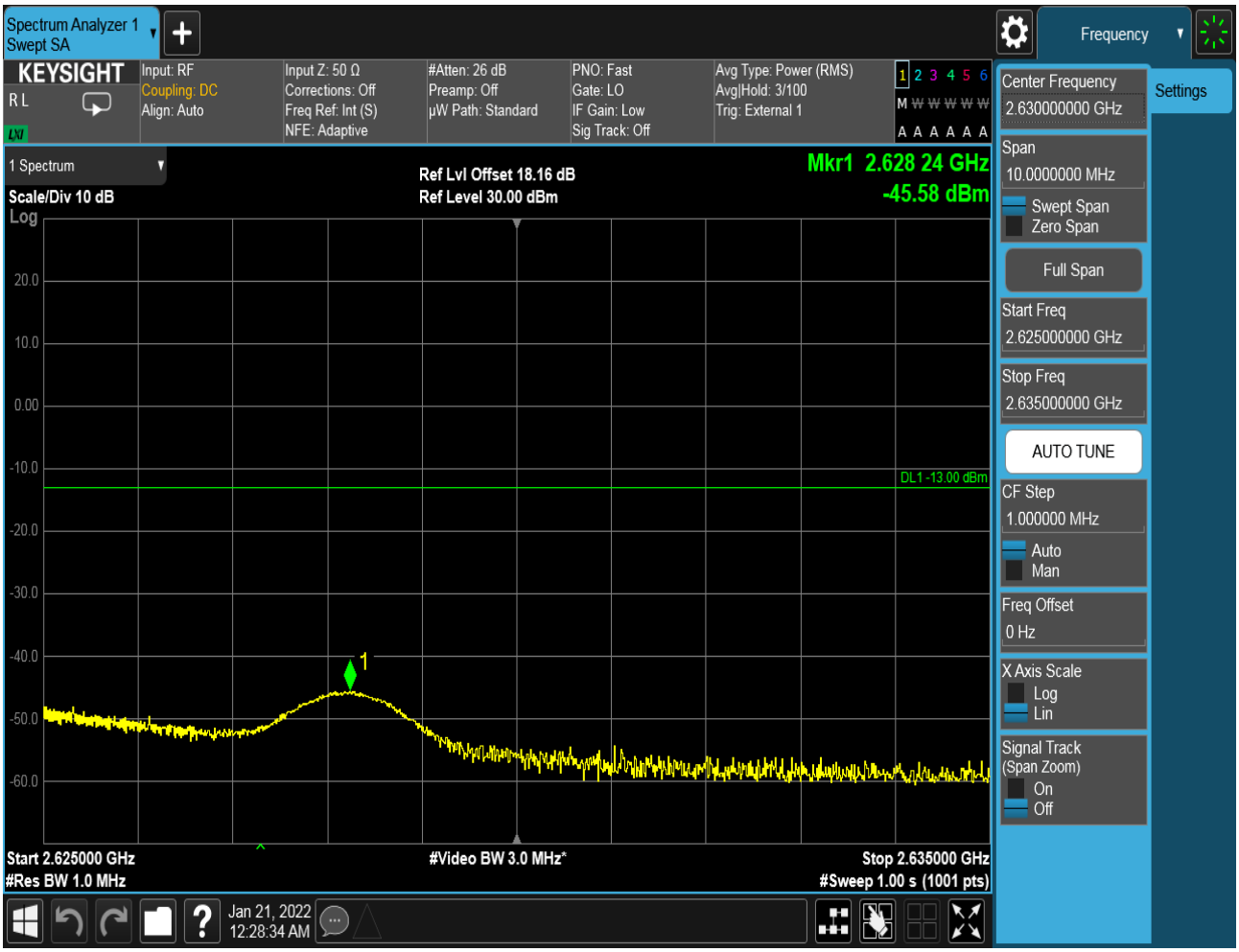

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 493 0 GHz
-31.11 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:23:56 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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: Balanced
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/100
Trig: External 1
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.570 000 GHz
-30.15 dBm
DL1 -10.00 dBm
Start 2.569000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Stop 2.571000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:24:56 AM
Frequency
Settings
Center Frequency
2.570000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 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

5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 524 5 GHz
-39.43 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:28:10 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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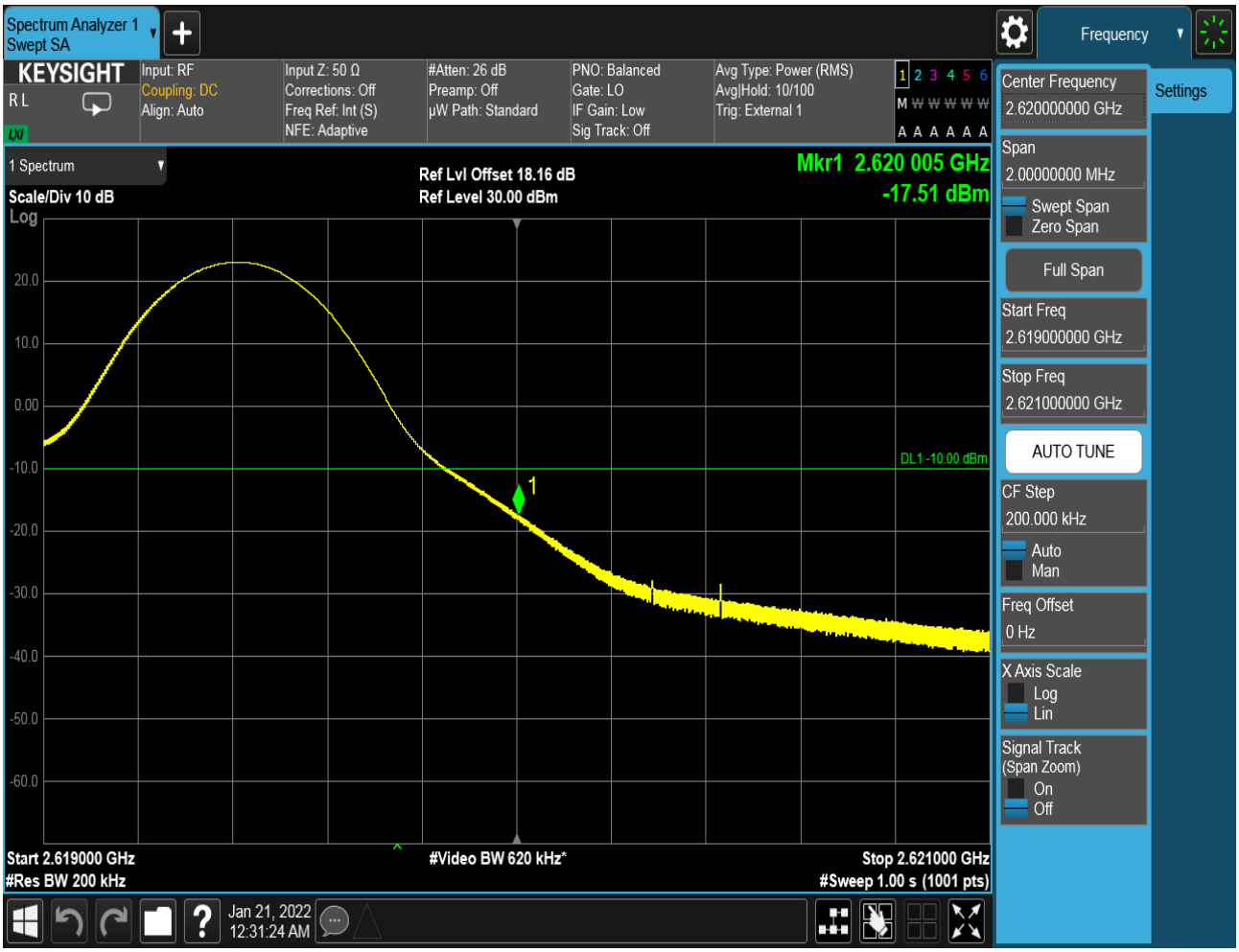
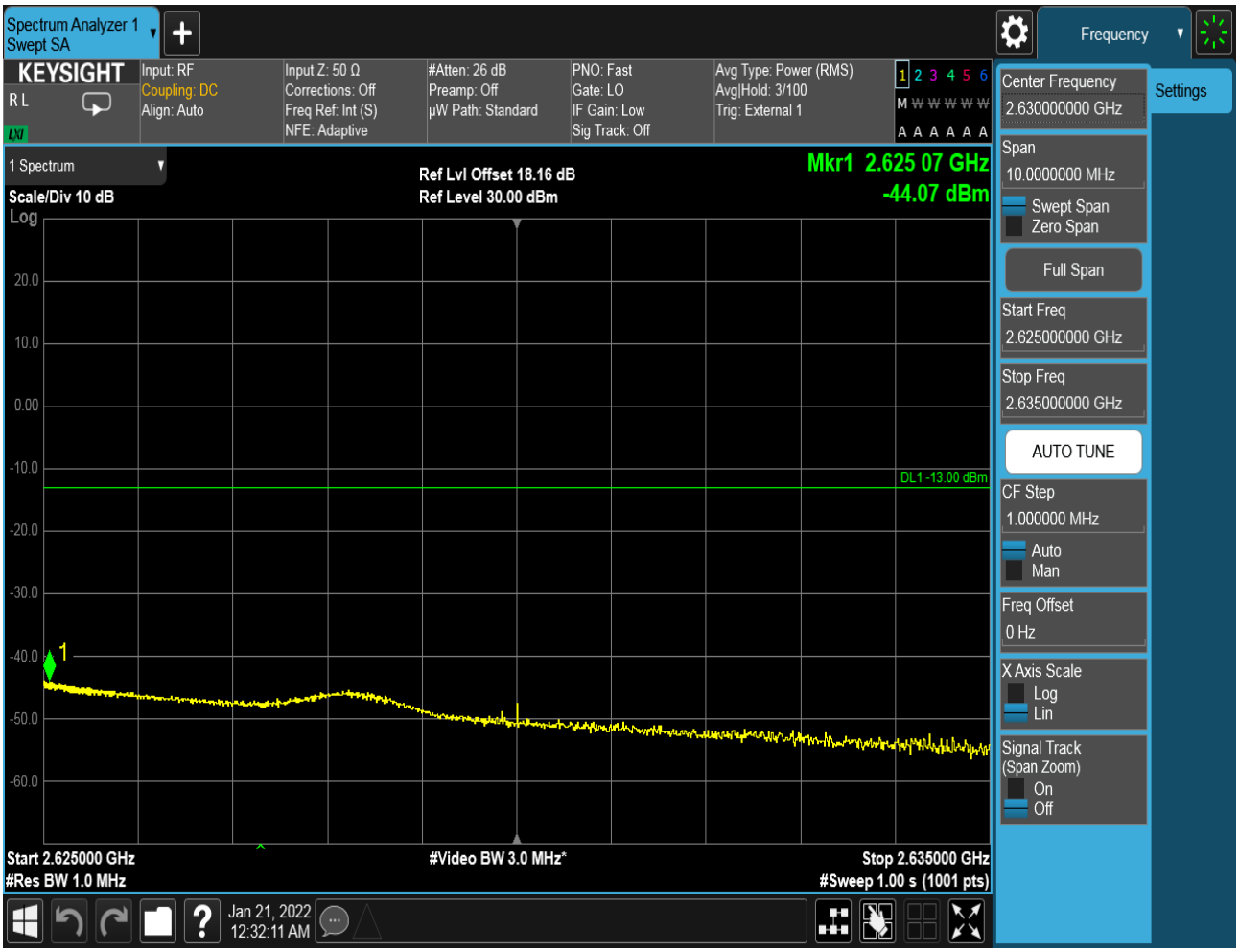
5.1.1.2.2.2 Test RB = RB1#49



Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 503 5 GHz
-31.23 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:31:47 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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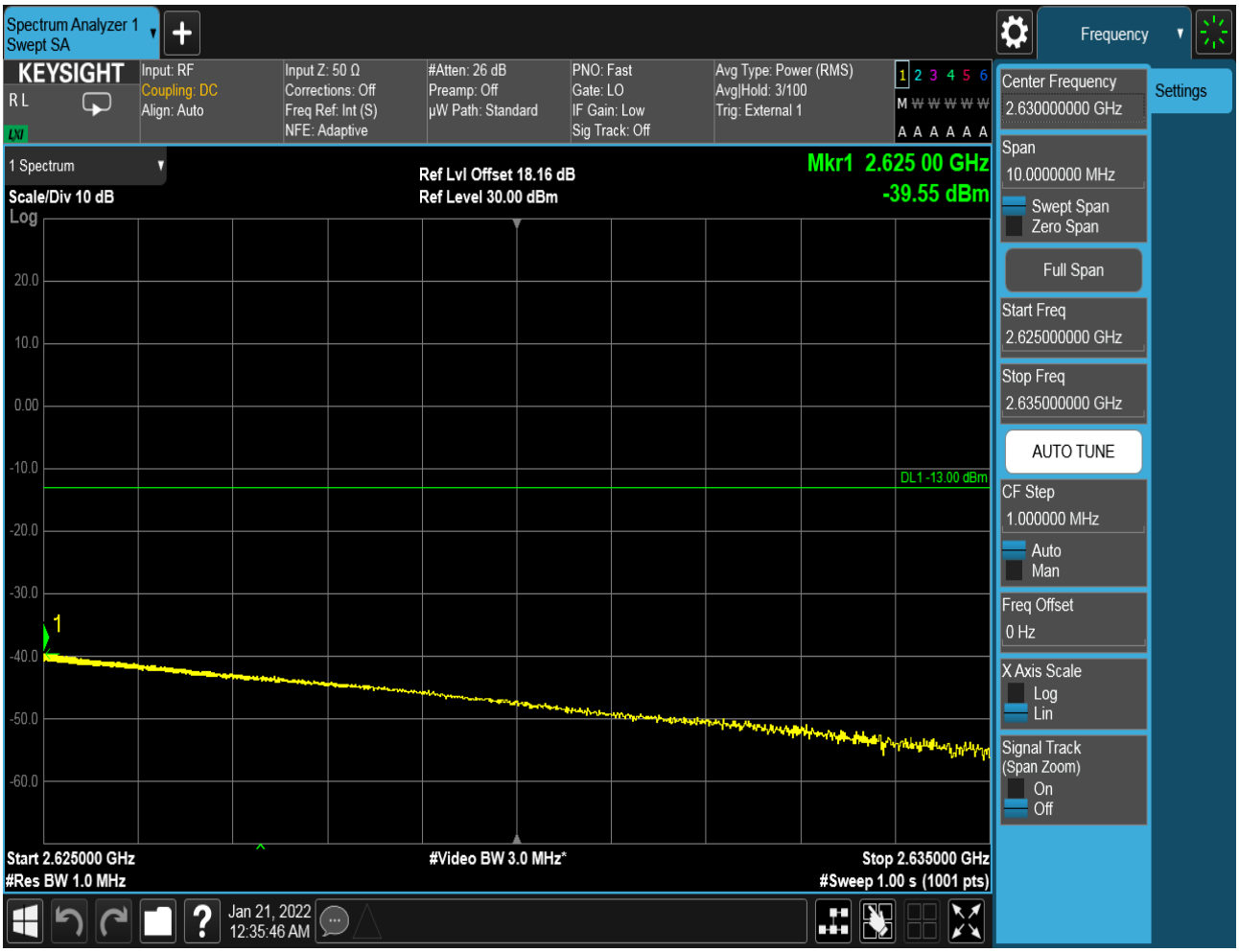
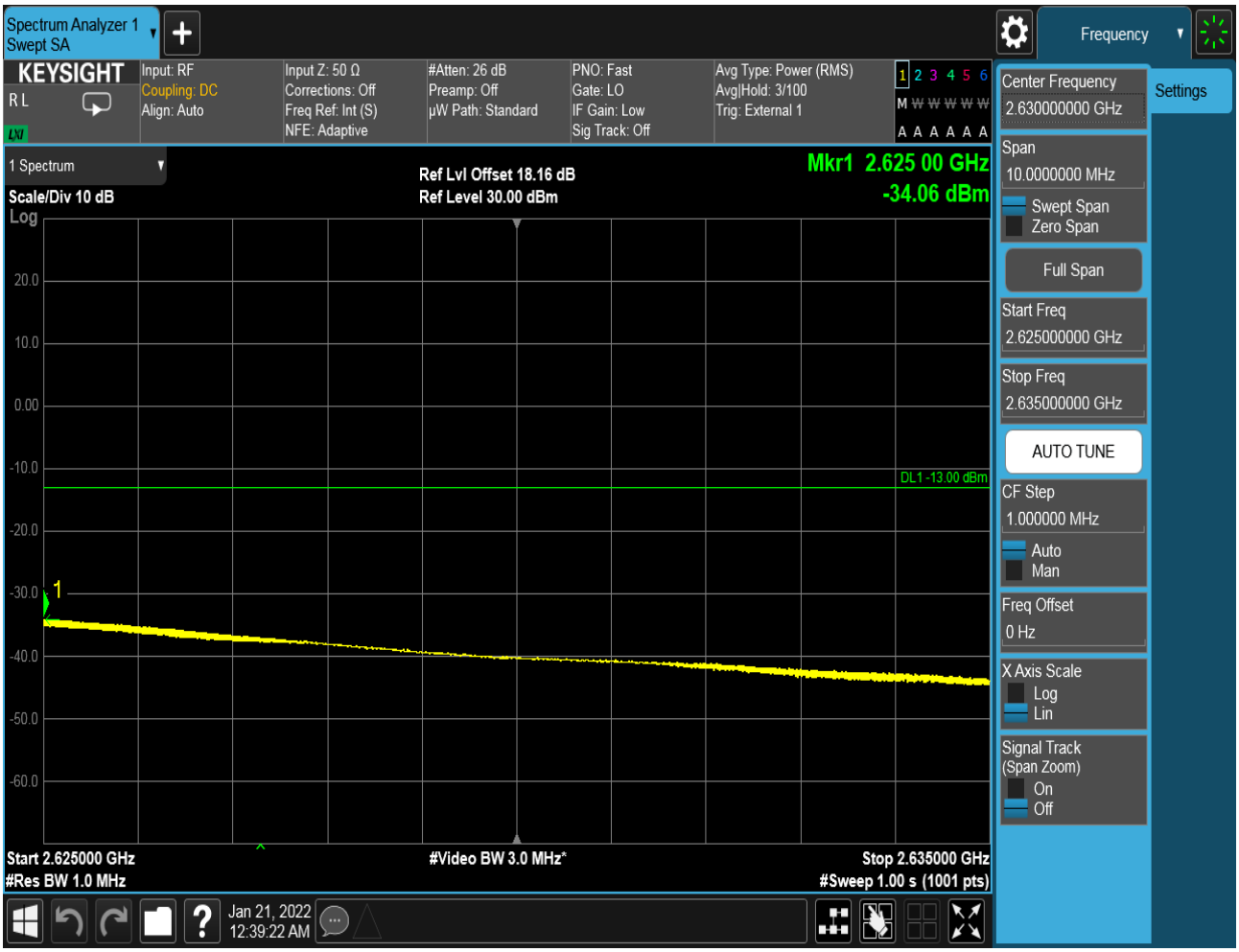
5.1.1.2.2.3 Test RB = RB25#13

Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 507 0 GHz
-33.73 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:35:23 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off


Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 00 GHz
-39.55 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.635000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:35:46 AM
Frequency
Settings
Center Frequency
2.630000000 GHz
Span
10.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.635000000 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

5.1.1.2.2.4 Test RB = RB50#0

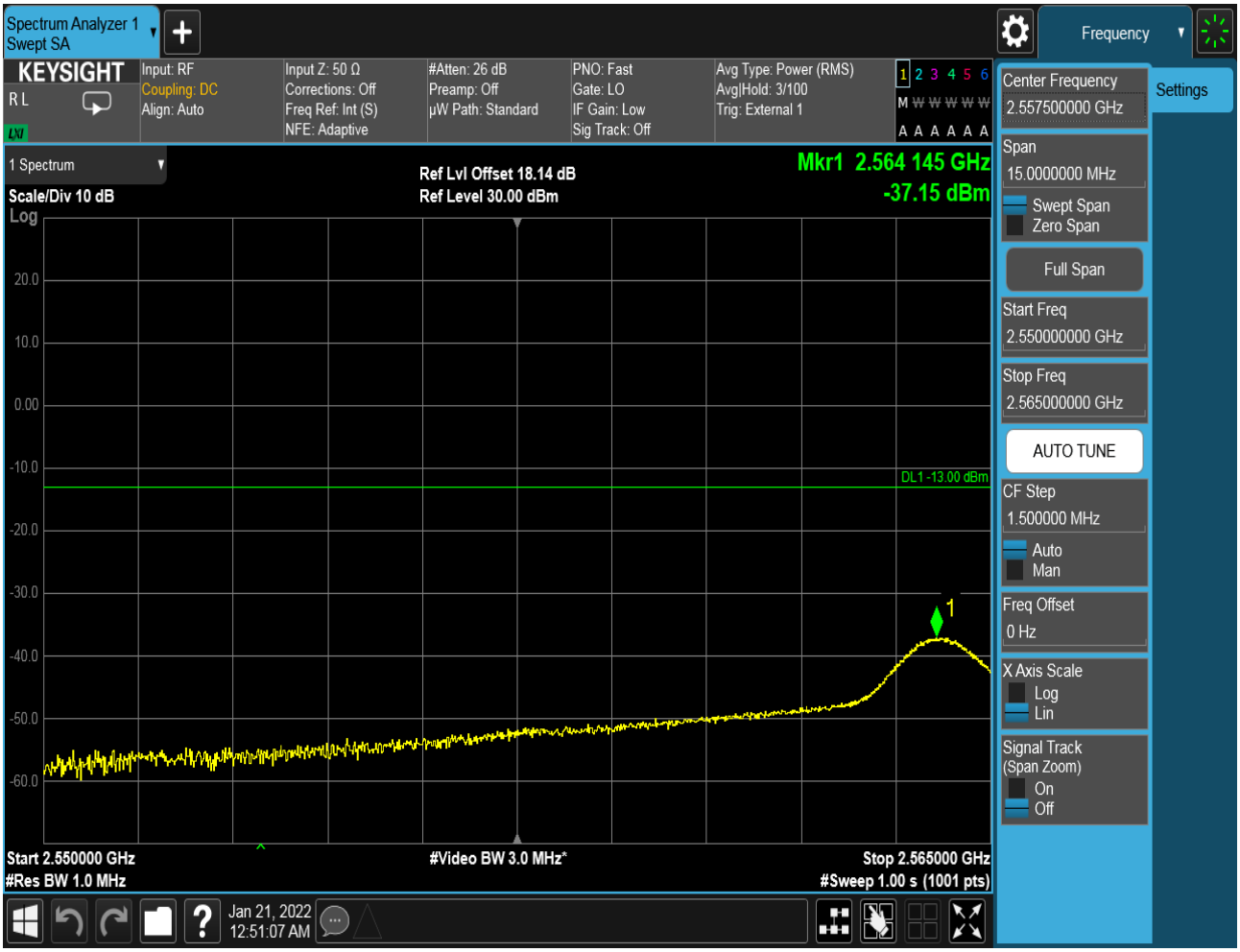
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.621 542 0 GHz
-30.71 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:38:59 AM
Frequency
Settings
Center Frequency
2.623250000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

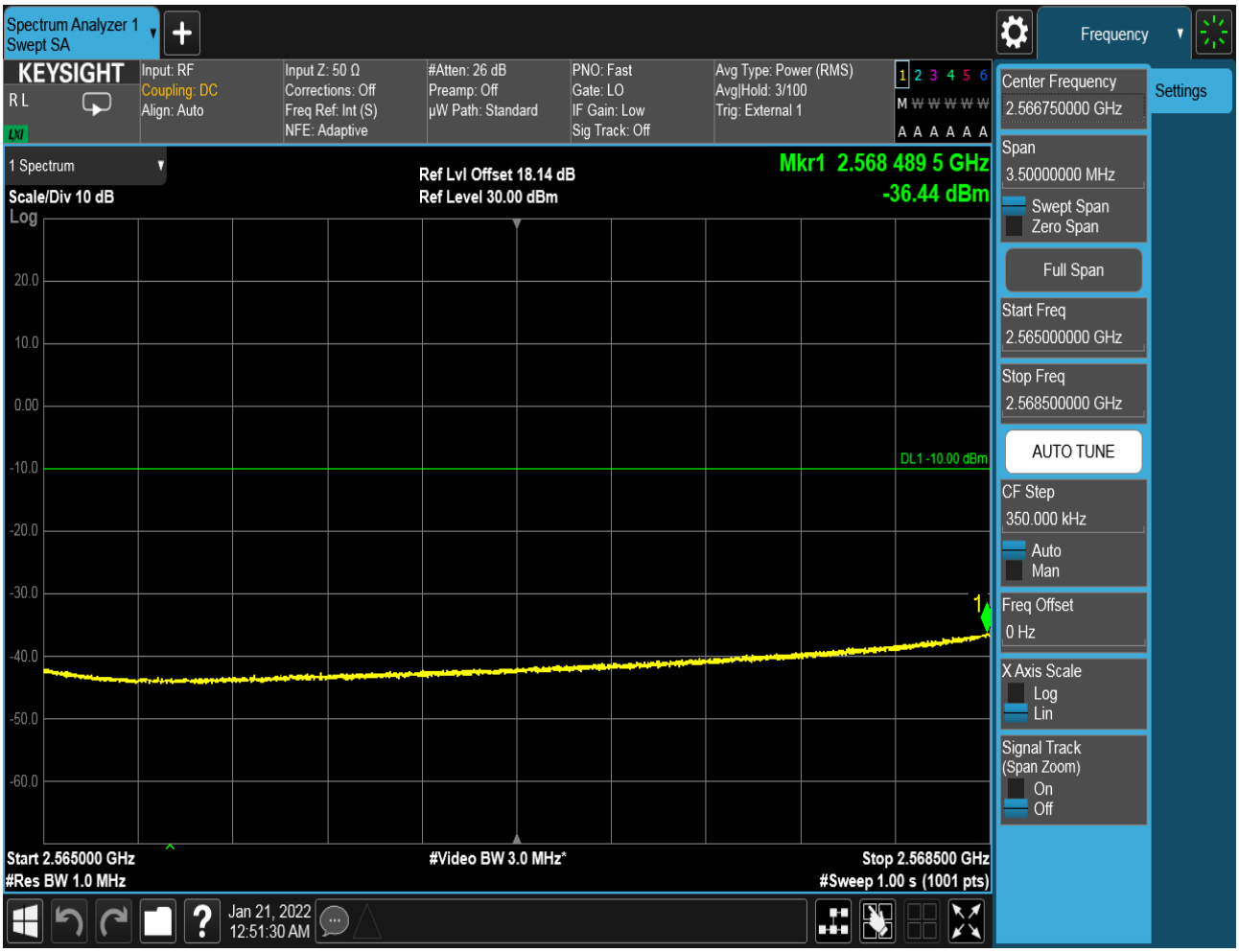

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 26 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: LO
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 3/100
Trig: External 1
1 Spectrum
Ref Lvl Offset 18.16 dB
Ref Level 30.00 dBm
Mkr1 2.625 00 GHz
-34.06 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -13.00 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.635000 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:39:22 AM
Frequency
Settings
Center Frequency
2.630000000 GHz
Span
10.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.625000000 GHz
Stop Freq
2.635000000 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

5.1.1.2.3 Test Bandwidth = 15MHz

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0




Spectrum Analyzer 1
Swept SA
KEYSIGHT
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 Spectrum
Ref Lvl Offset 18.14 dB
Ref Level 30.00 dBm
Mkr1 2.568 489 5 GHz
-36.44 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
DL1 -10.00 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.00 s (1001 pts)
Jan 21, 2022
12:51:30 AM
Frequency
Settings
Center Frequency
2.566750000 GHz
Span
3.50000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
AUTO TUNE
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off