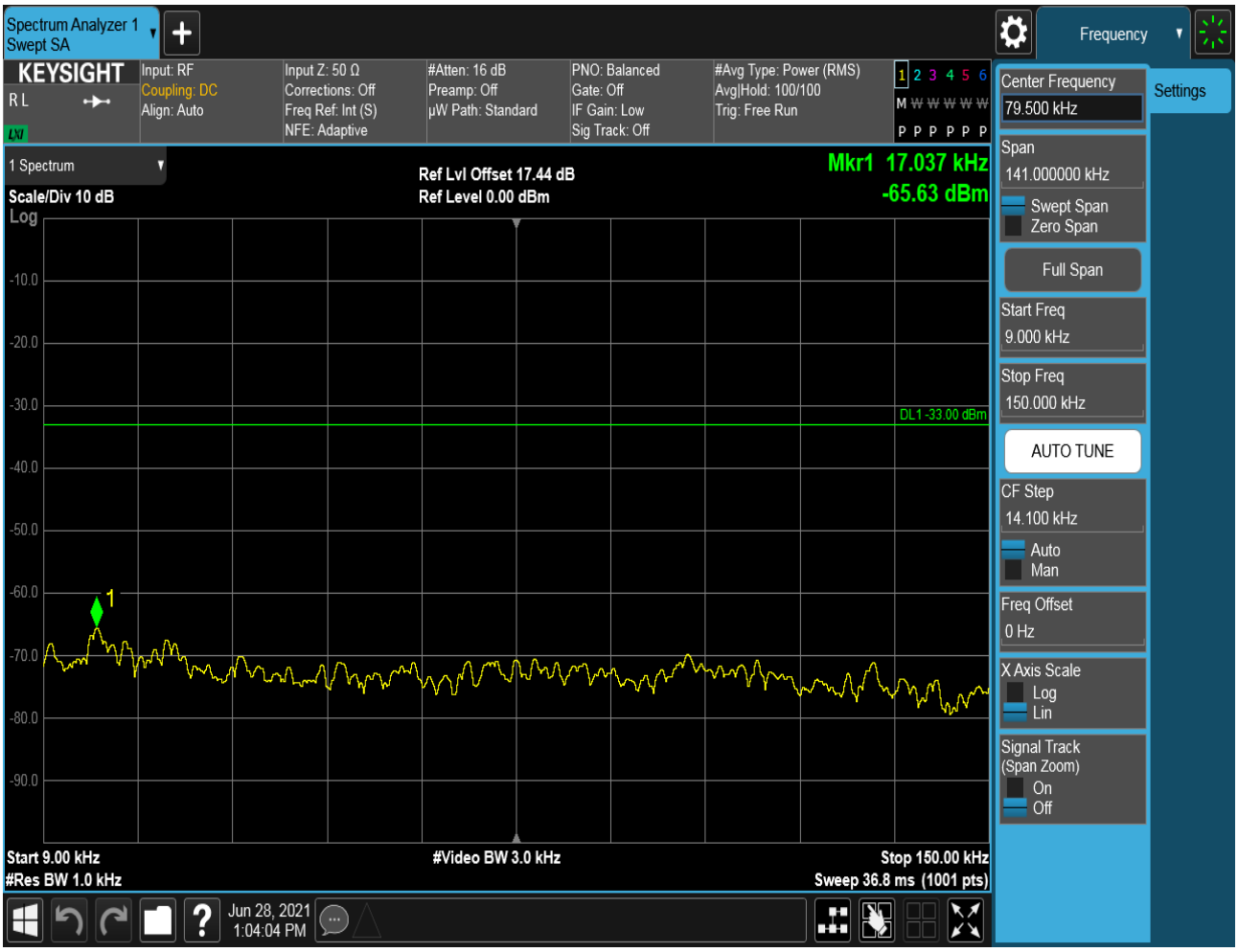
6.2.1.1.3 Test Bandwidth = 5MHz

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0



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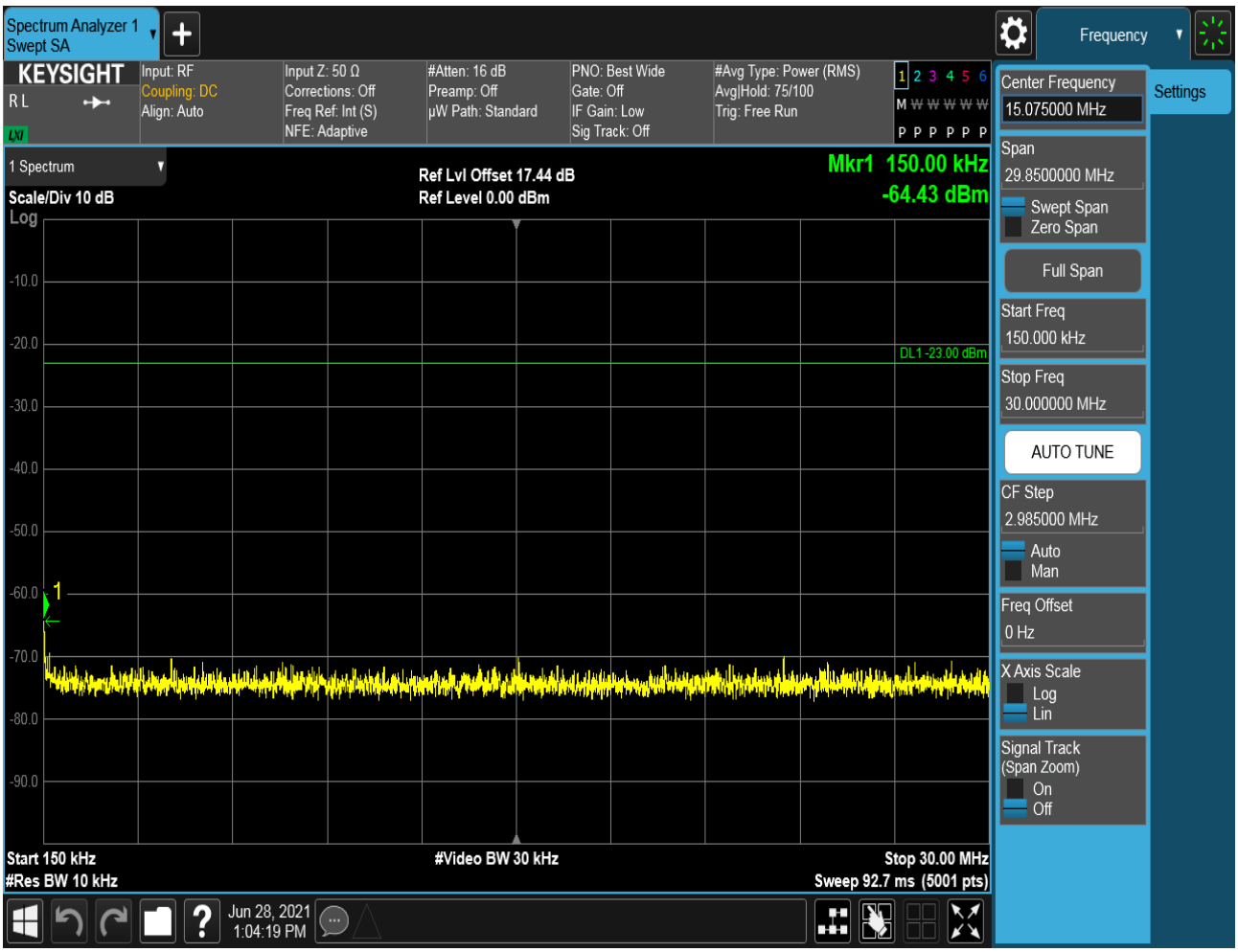

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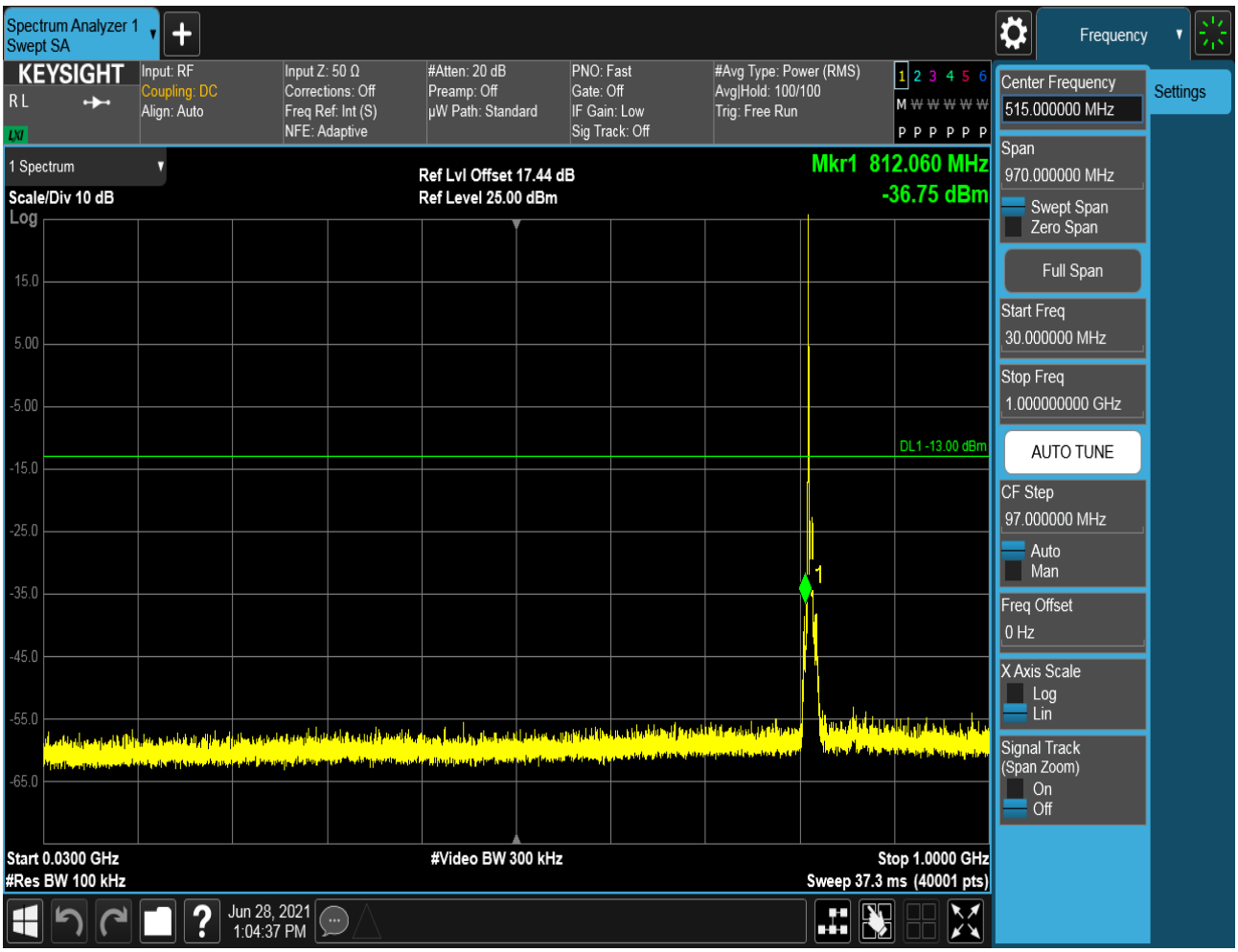

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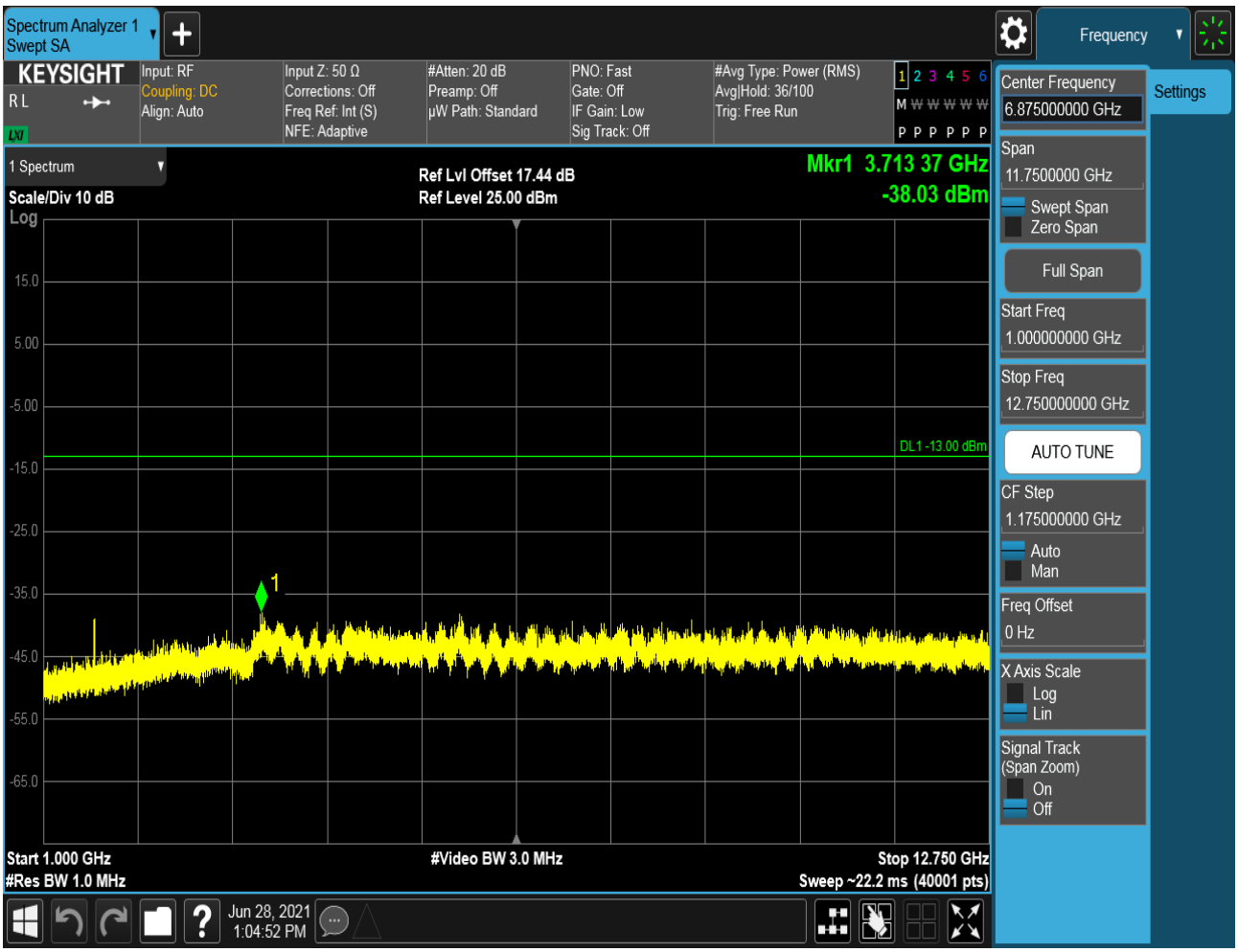
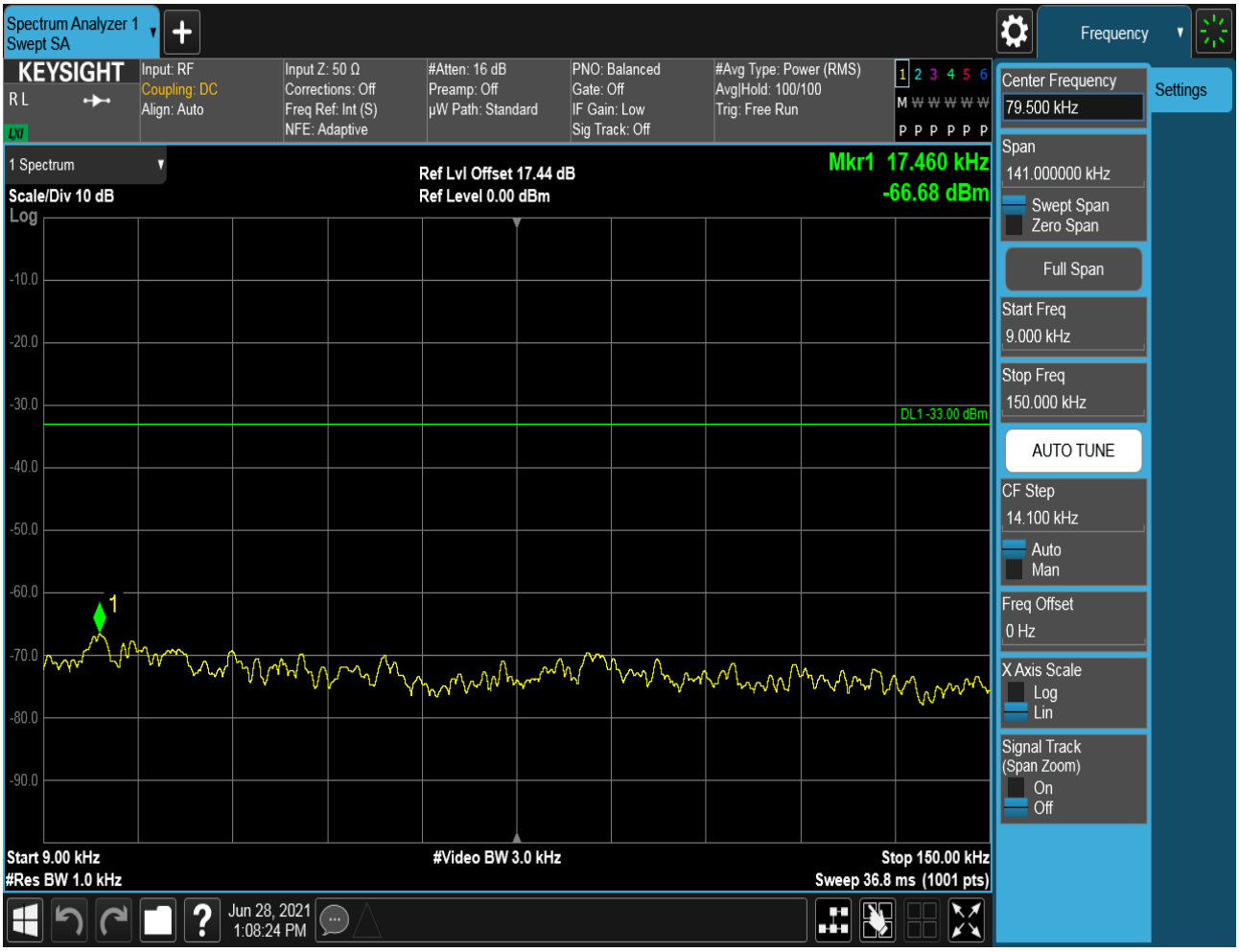
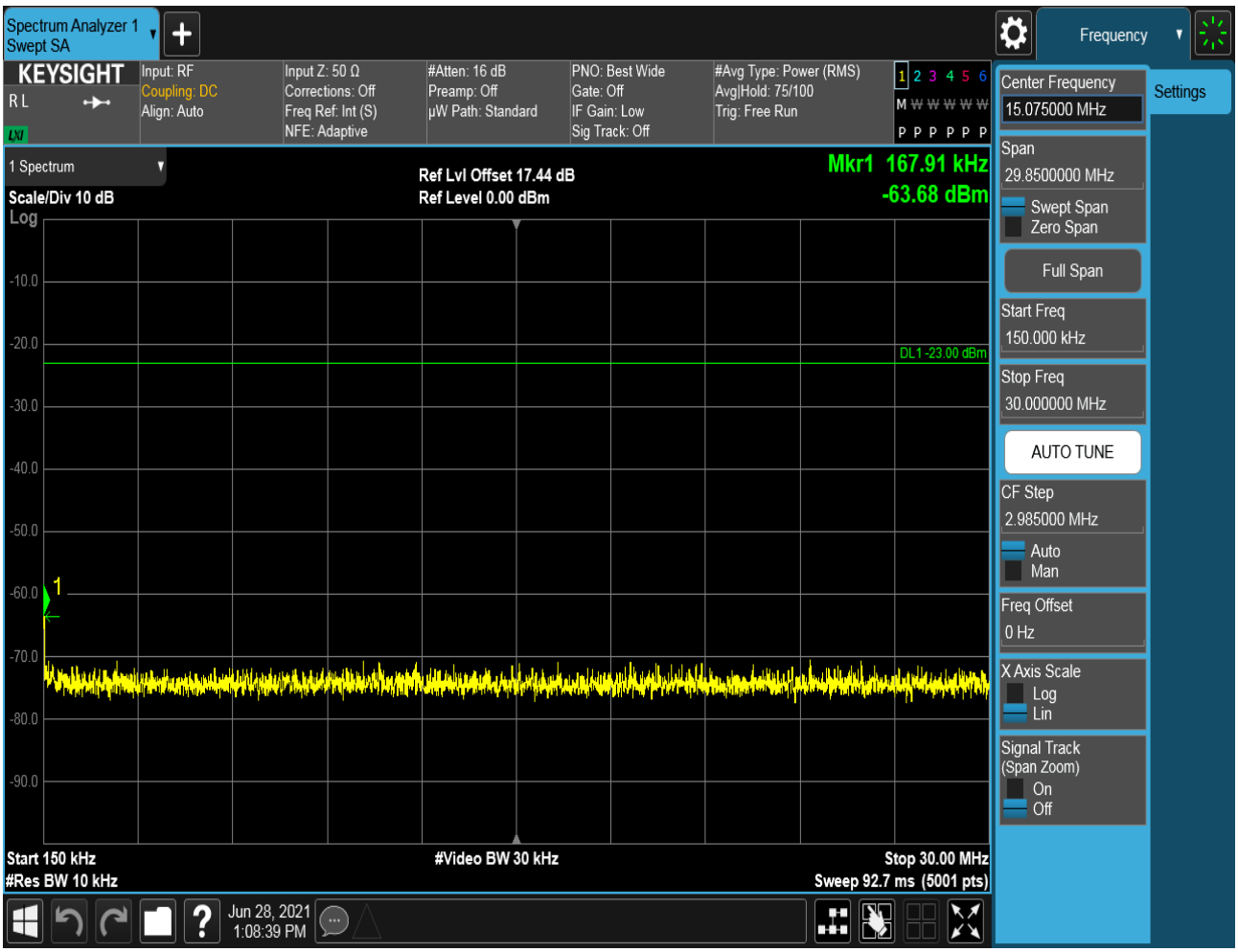

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 20 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 36/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 25.00 dBm
Mkr1 3.713 37 GHz
-38.03 dBm
DL1 -13.00 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 12.750 GHz
Sweep ~22.2 ms (40001 pts)
Jun 28, 2021
1:04:52 PM
Frequency
Settings
Center Frequency
6.875000000 GHz
Span
11.7500000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
AUTO TUNE
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





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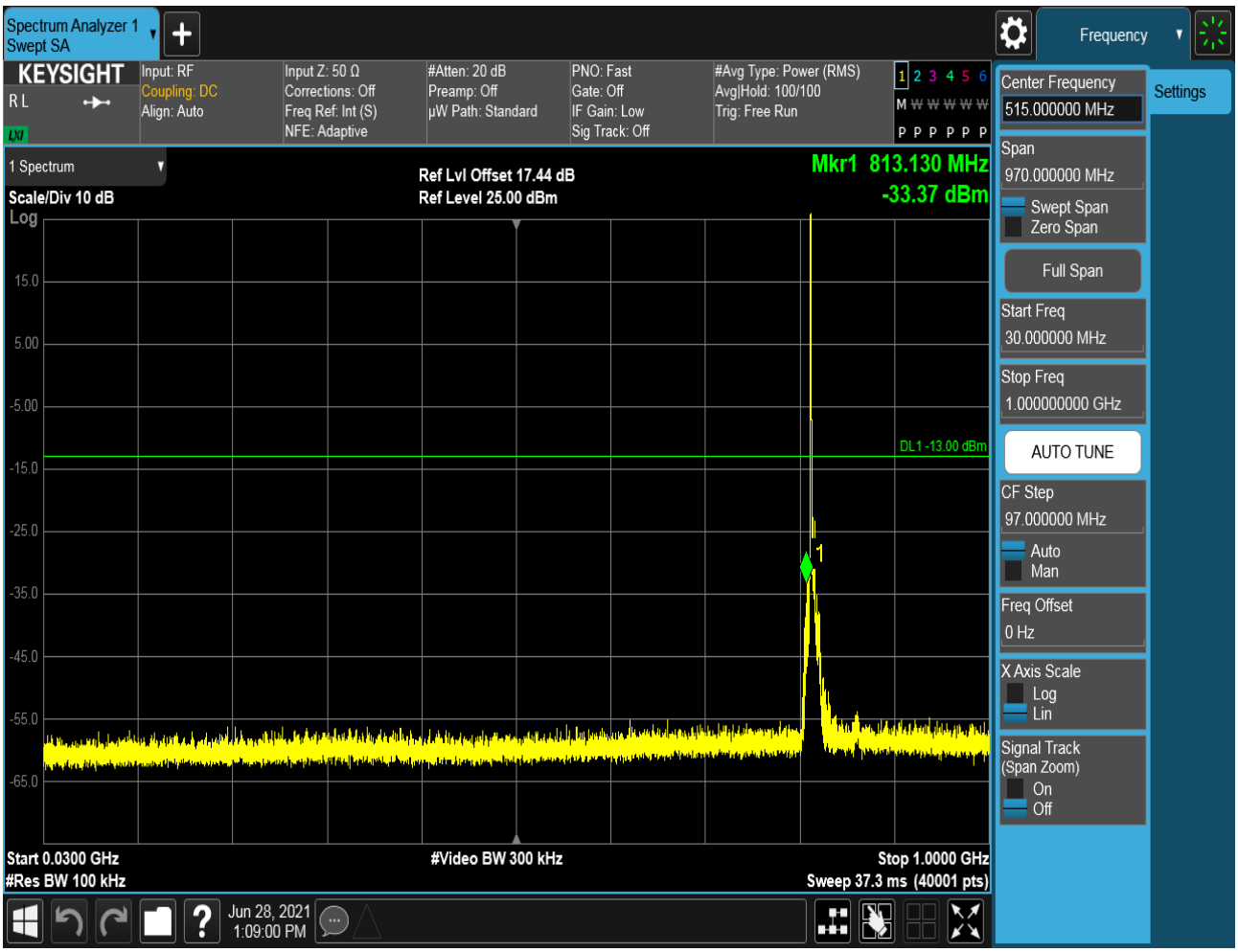

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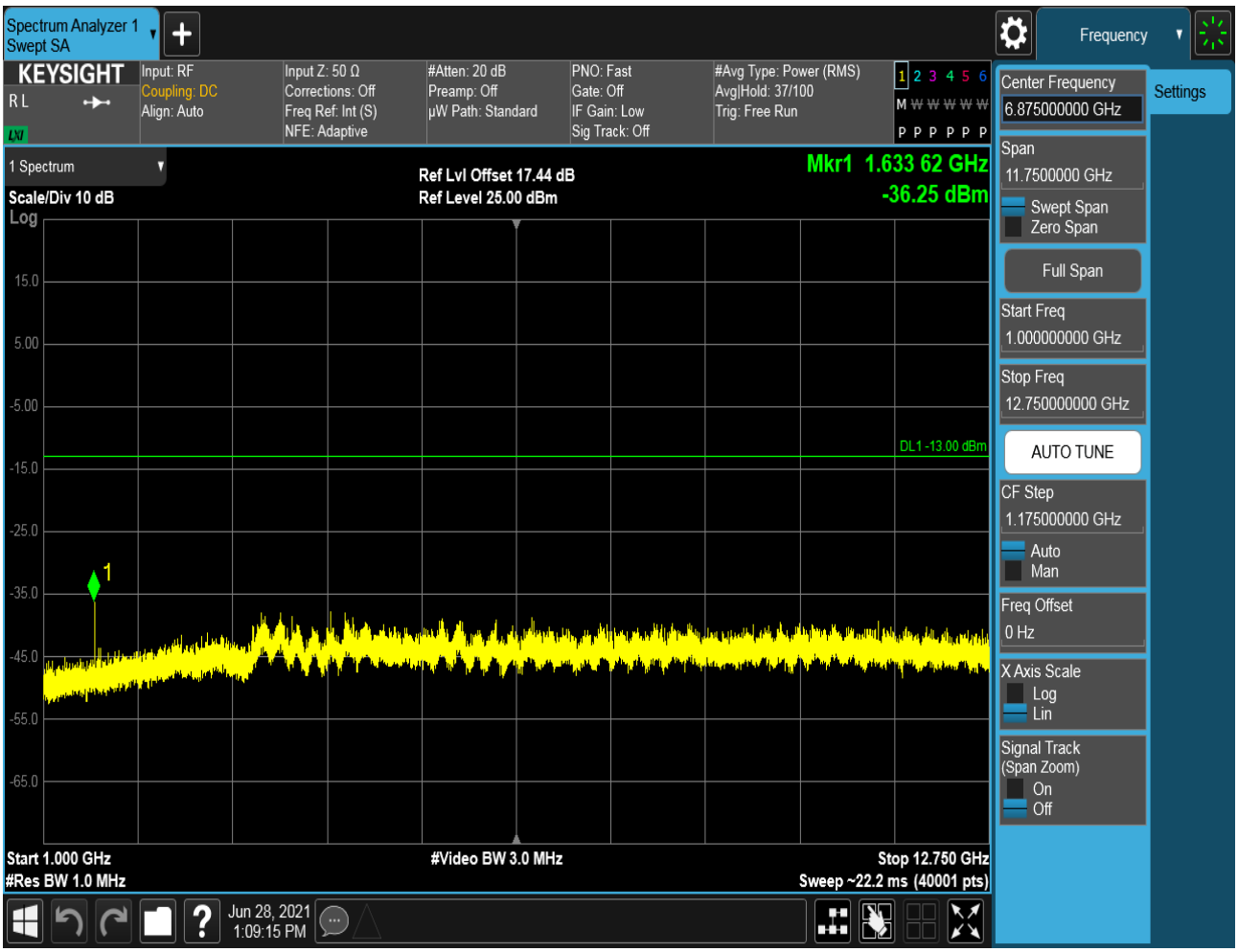

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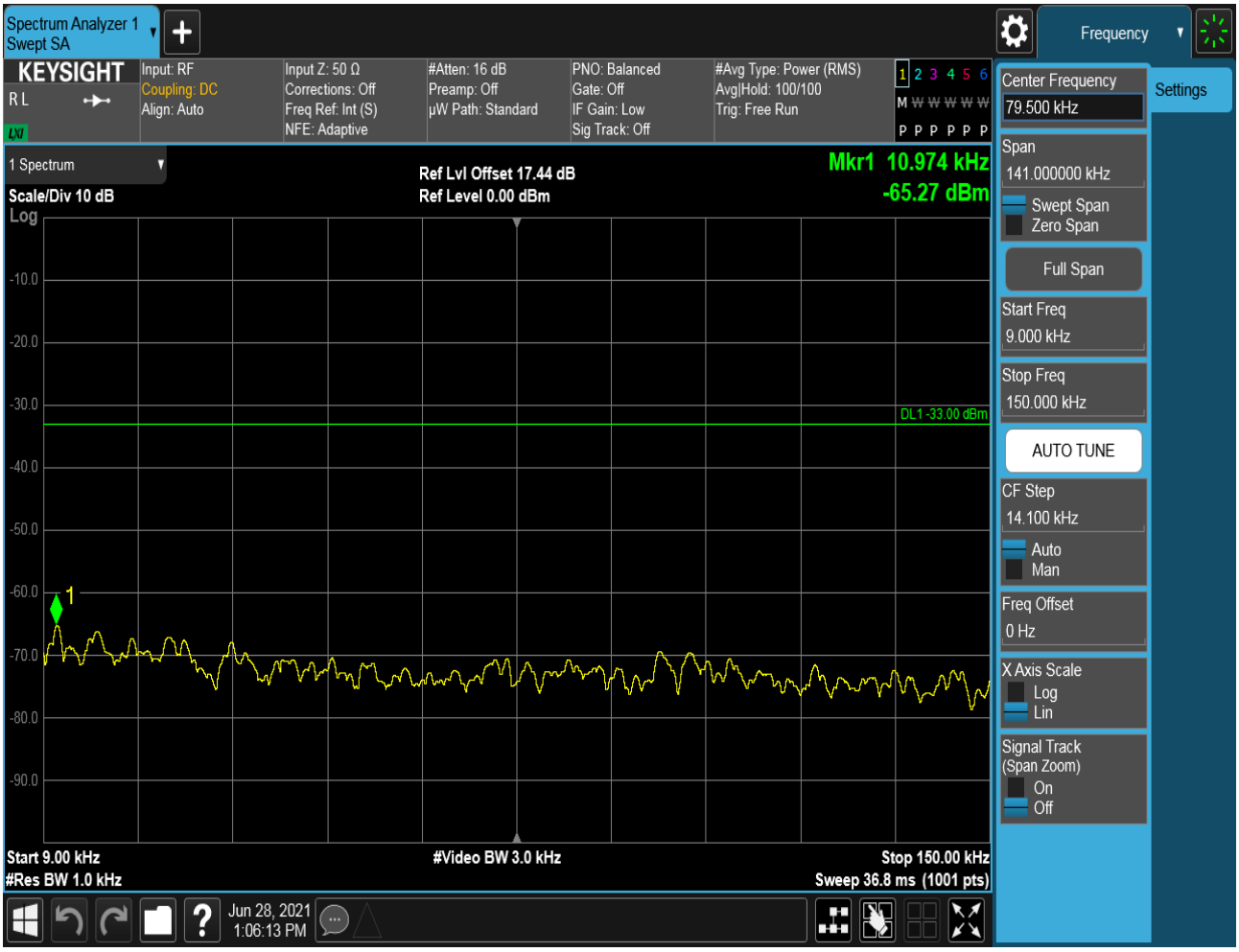
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0



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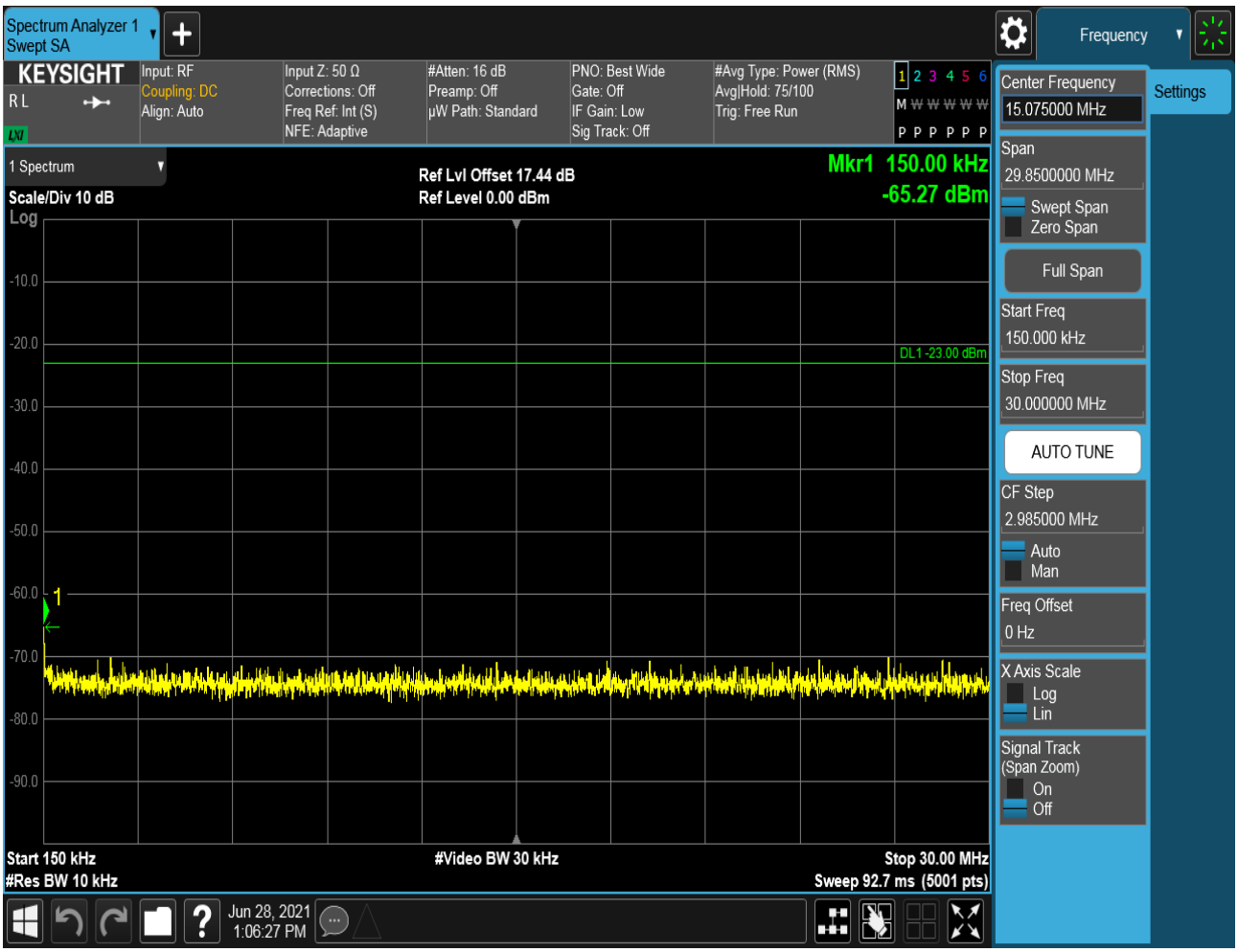
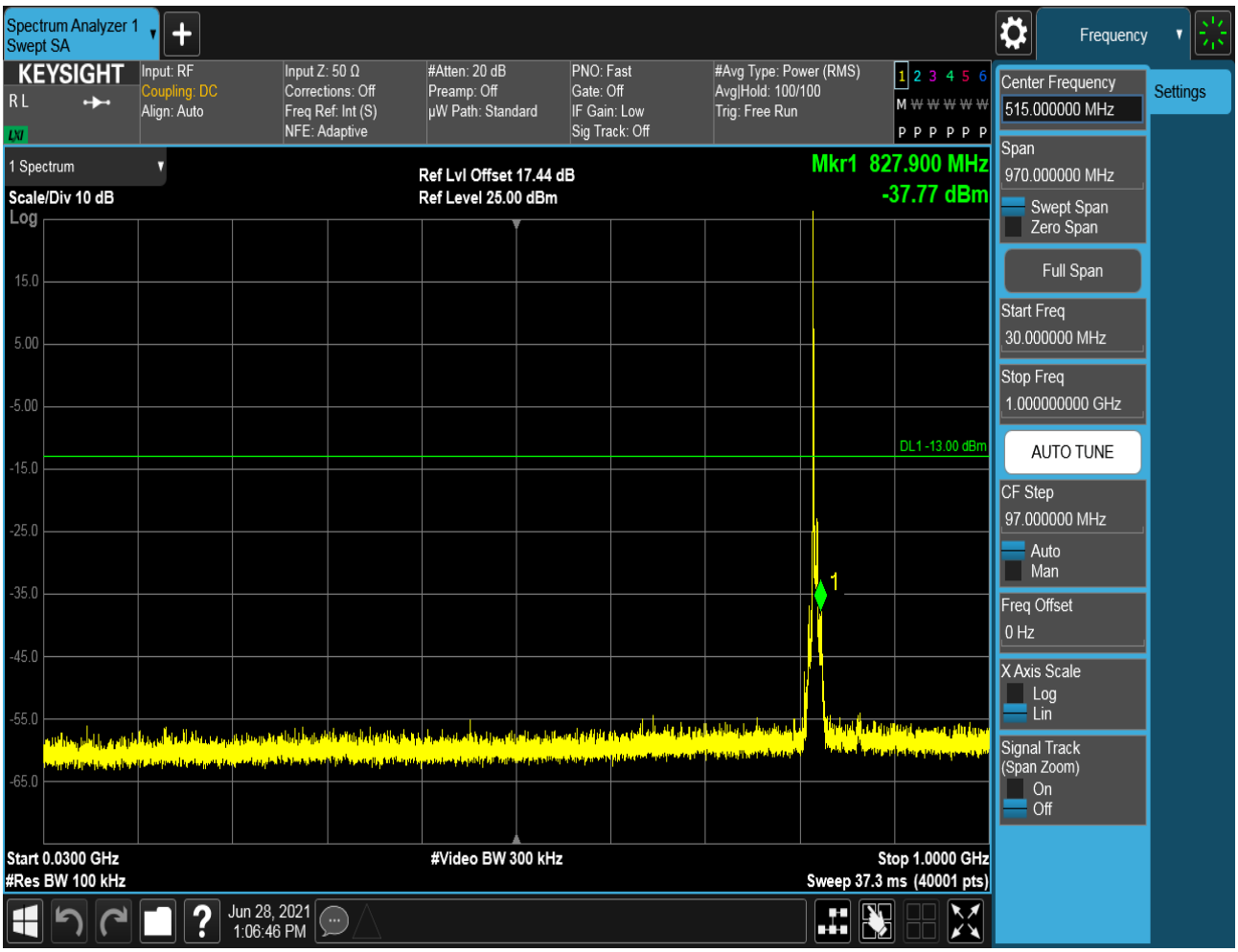

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 150.00 kHz
-65.27 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:06:27 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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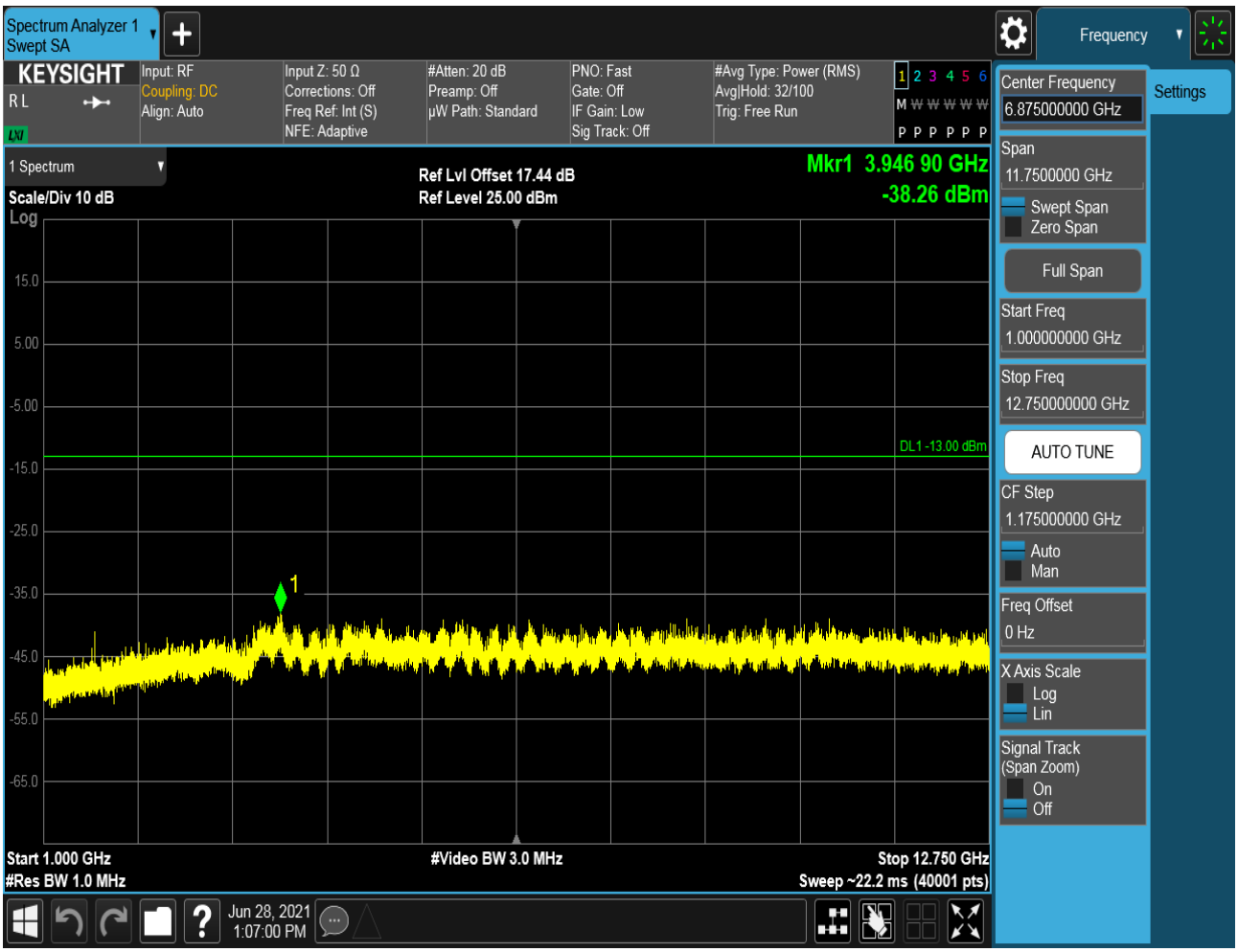

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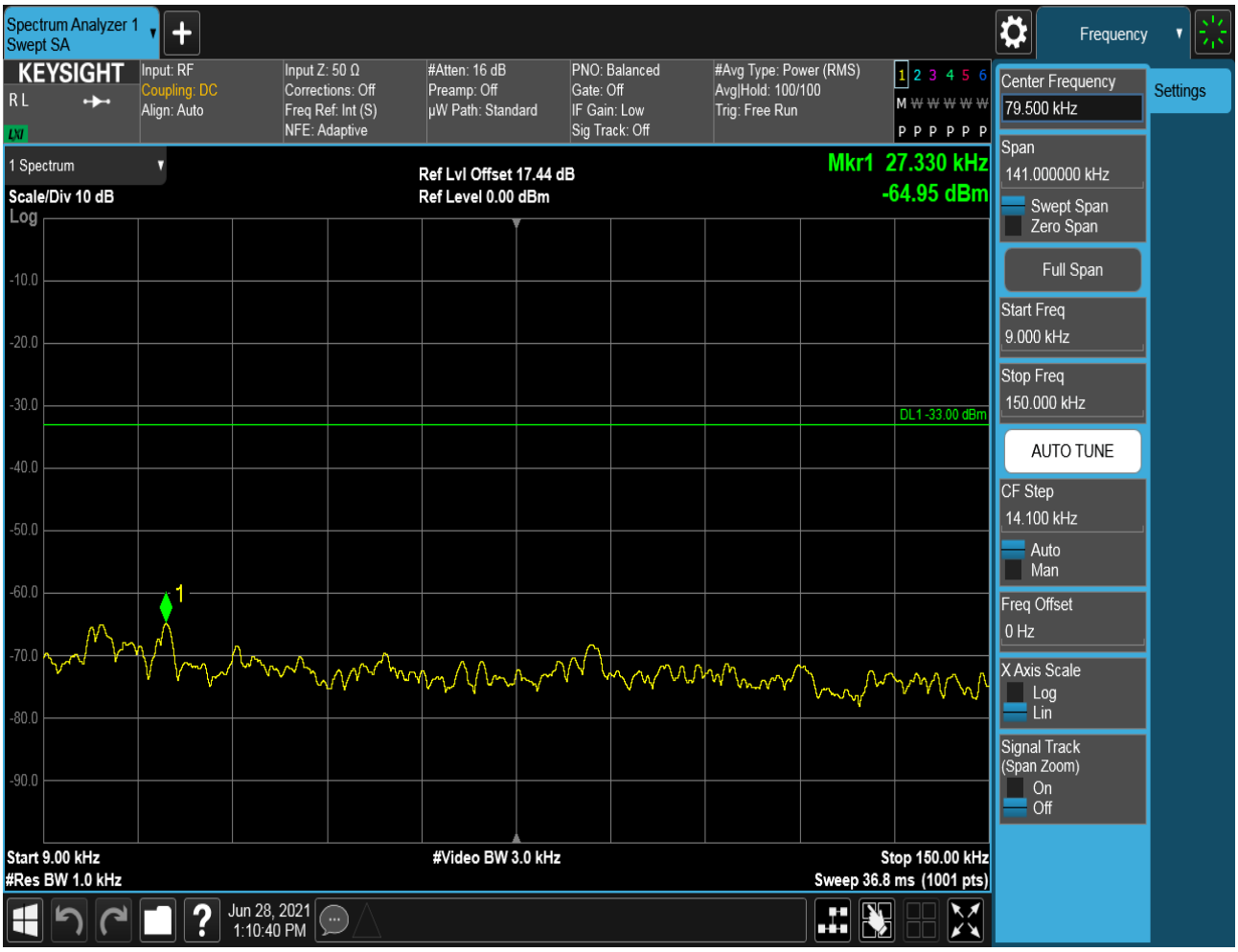
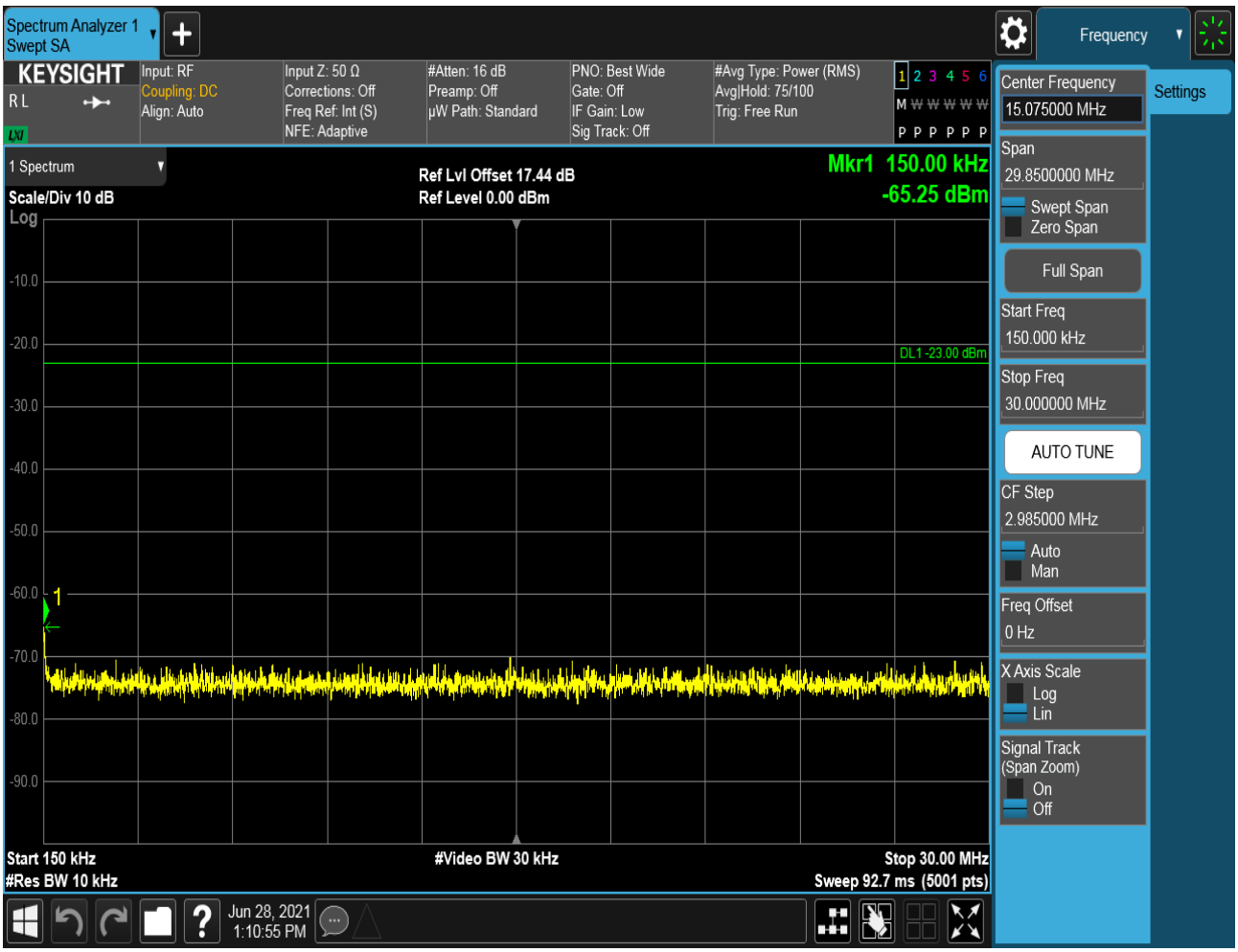
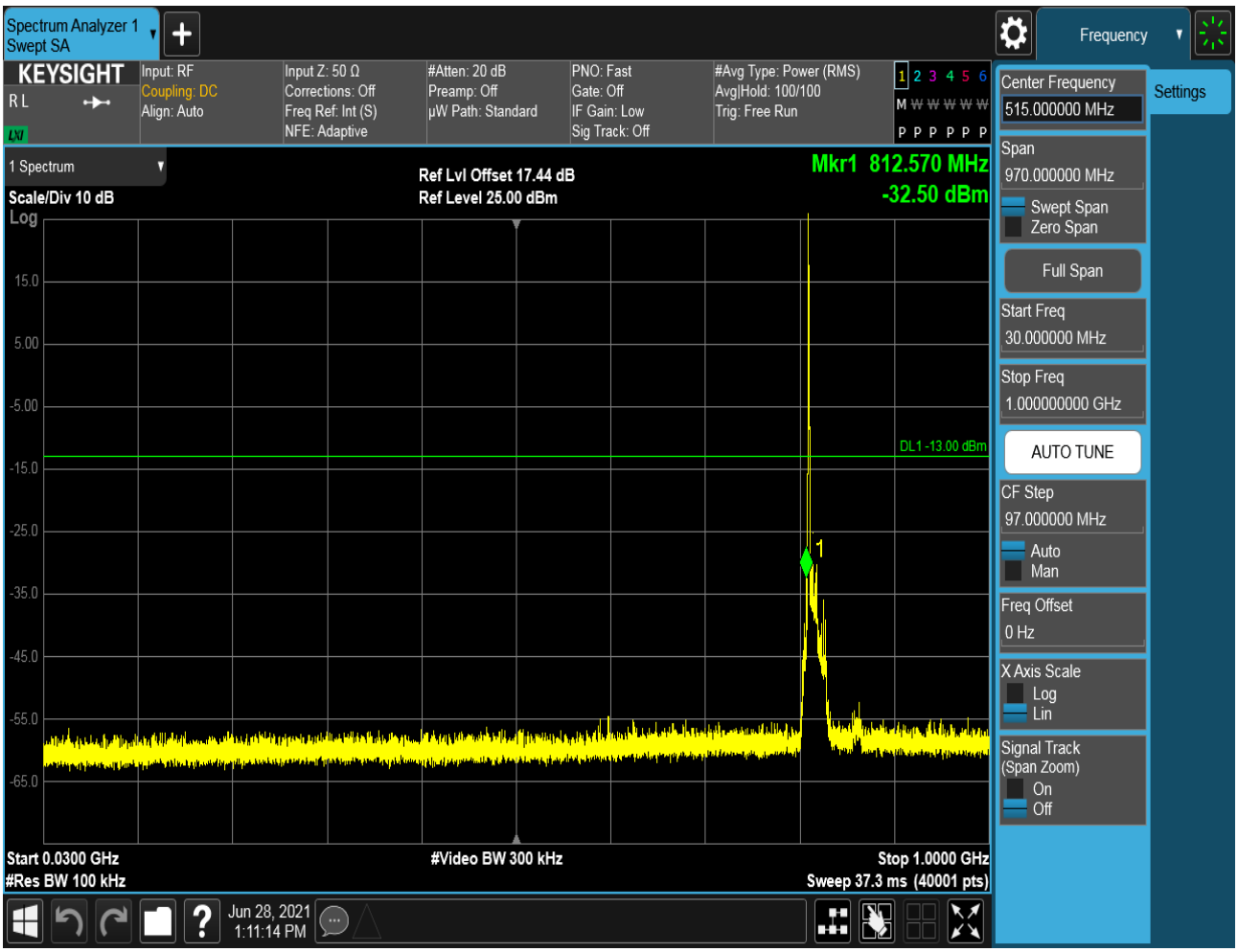
6.2.1.1.4 Test Bandwidth = 10MHz

6.2.1.1.4.1 Test Channel = MCH

6.2.1.1.4.1.1 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: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 150.00 kHz
-65.25 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:10:55 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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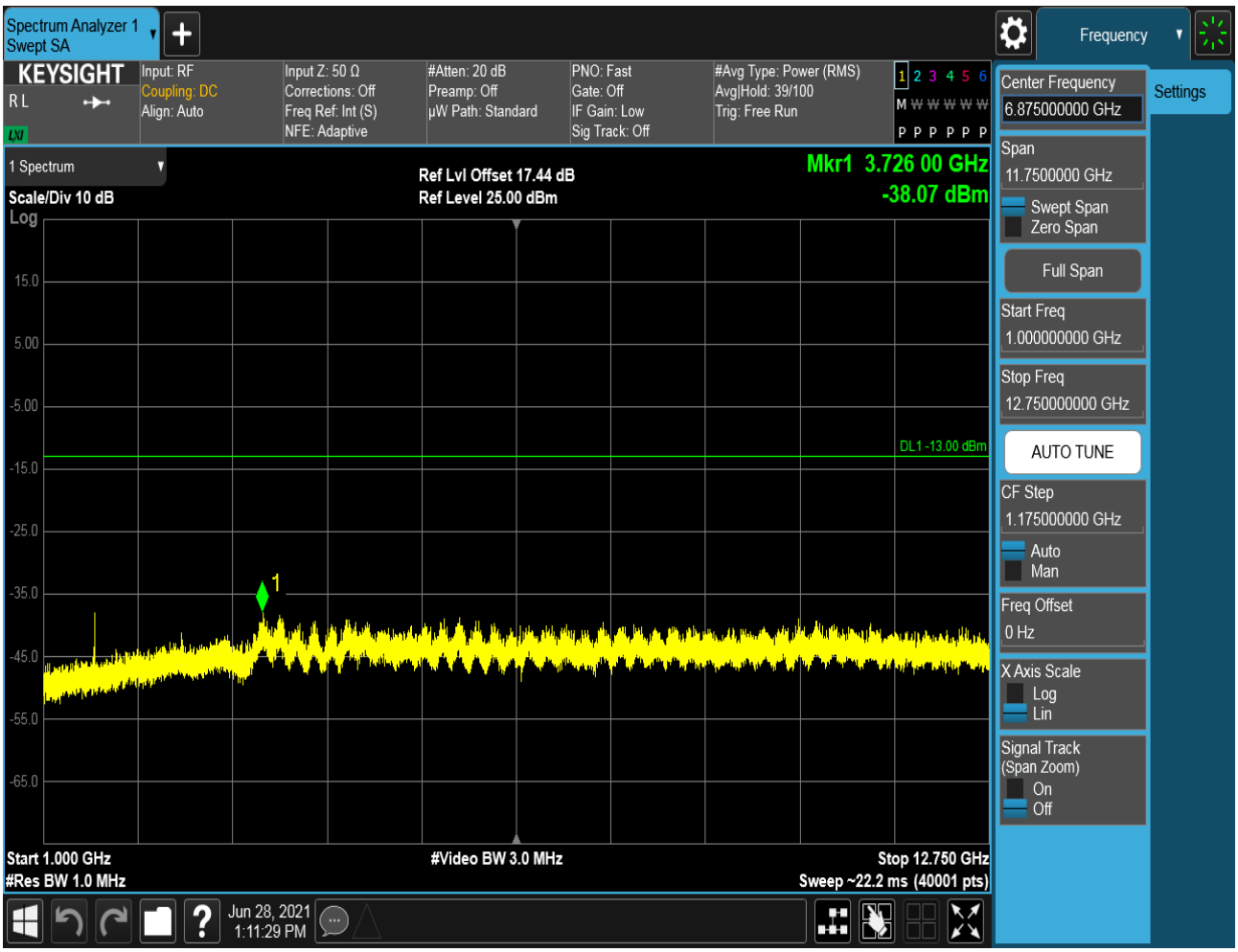

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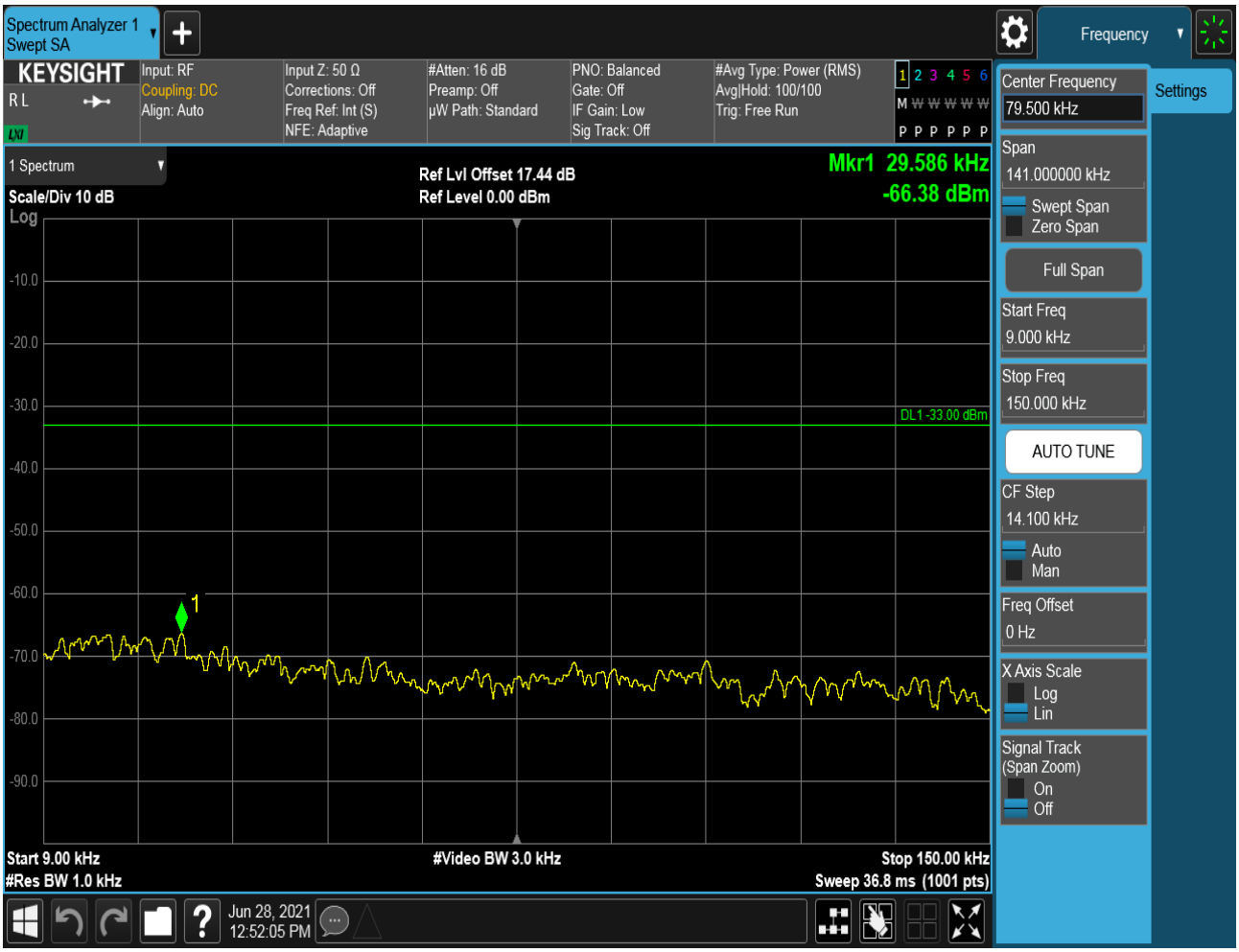
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 1.4MHz

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



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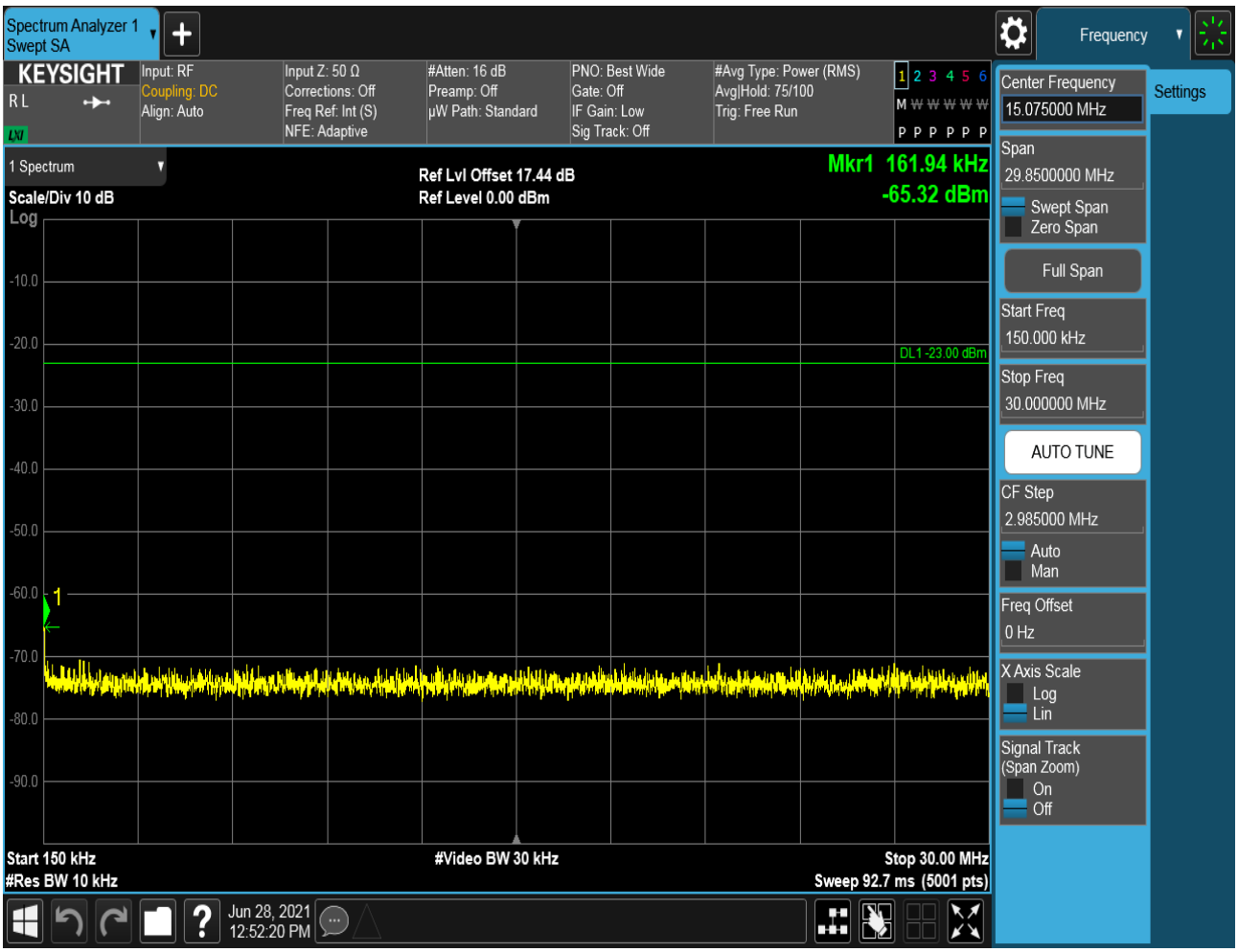
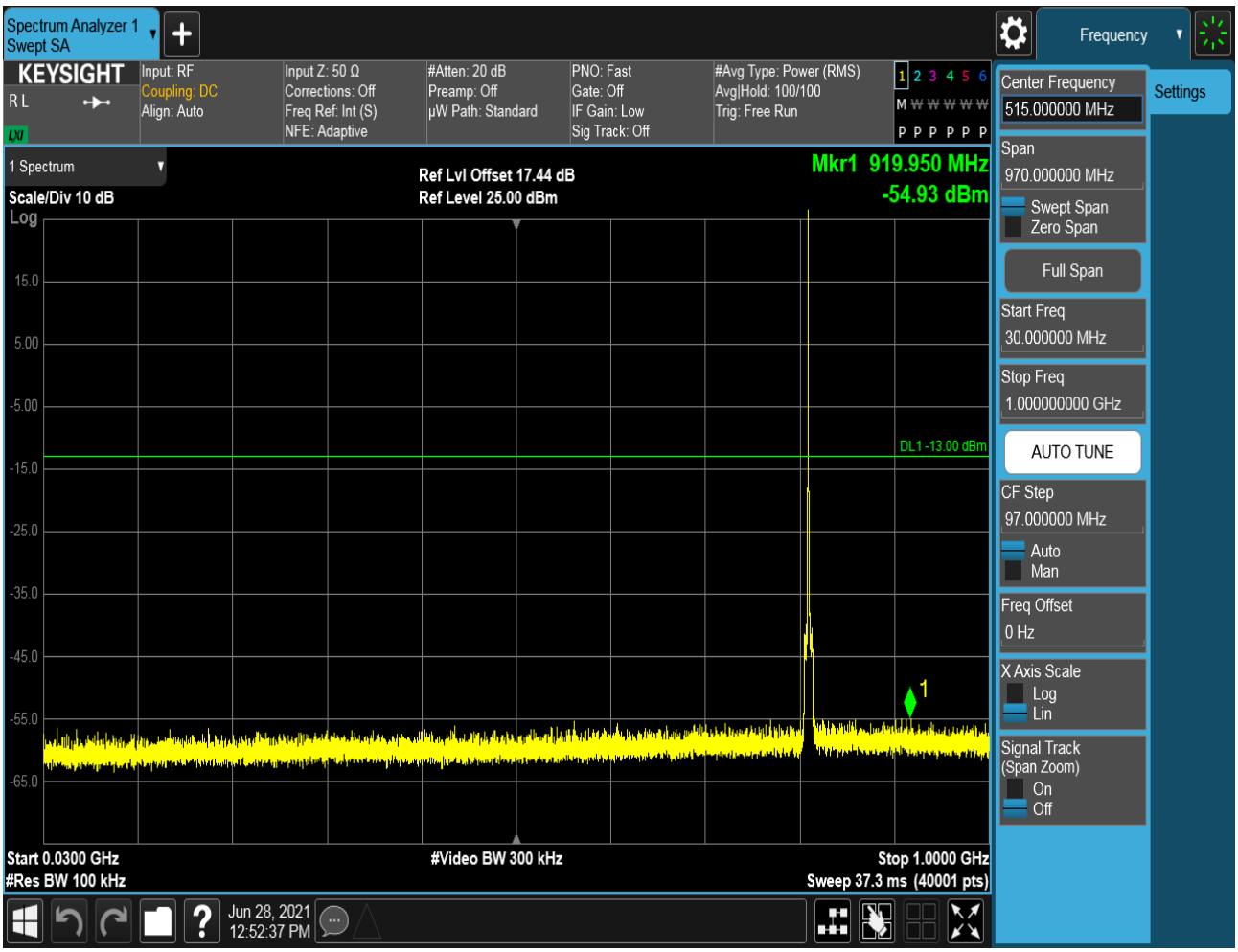

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 161.94 kHz
-65.32 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
12:52:20 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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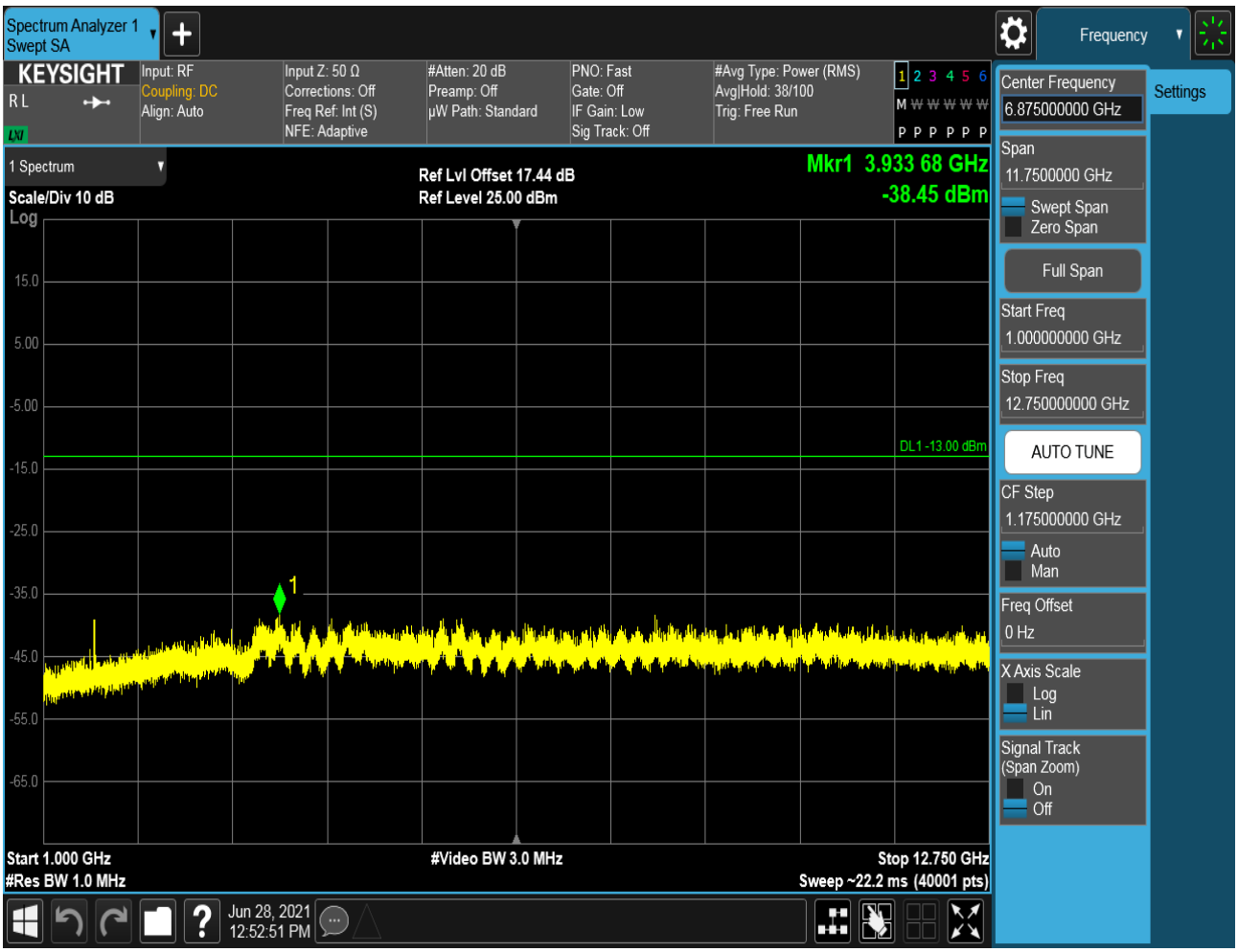

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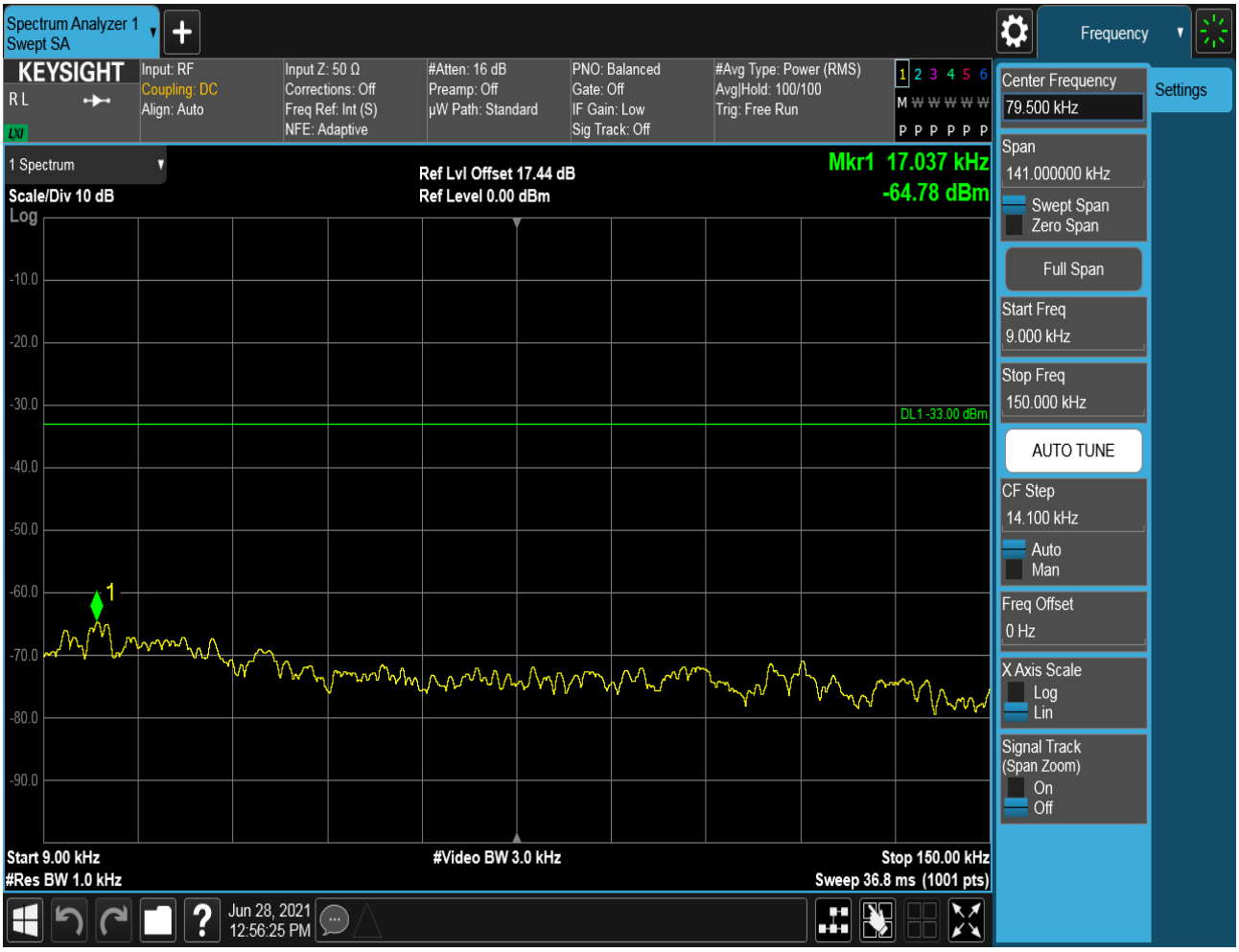
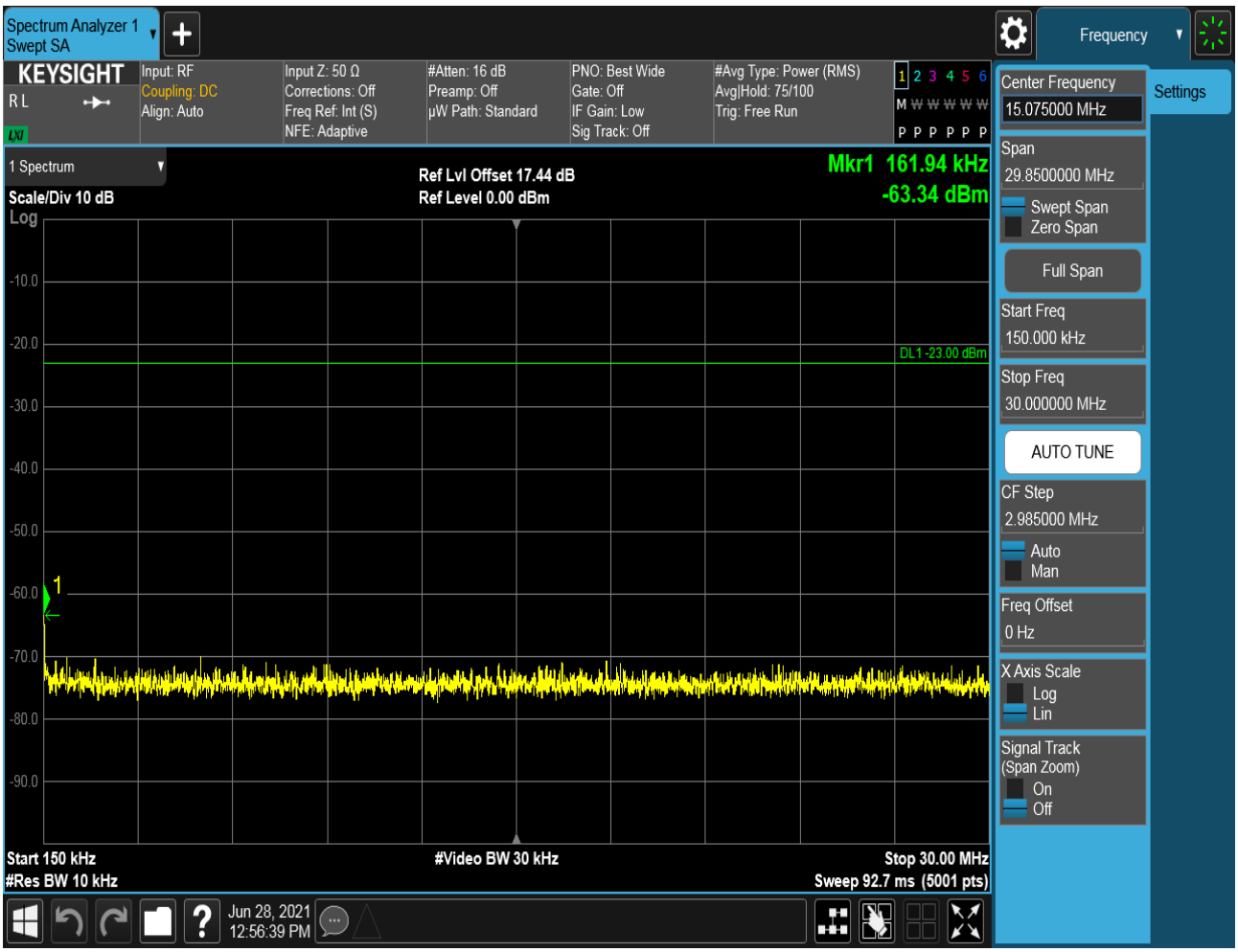
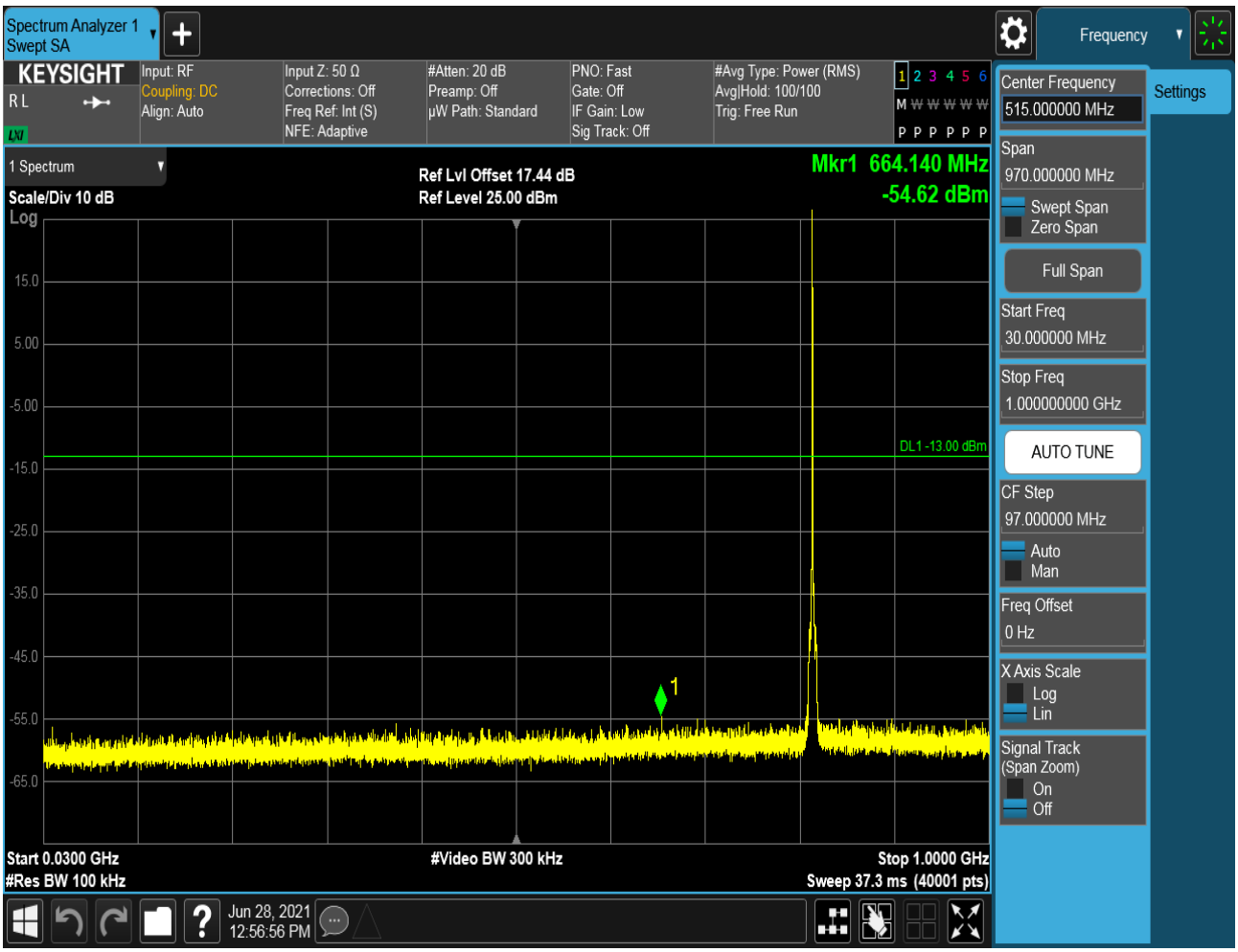
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 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: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 161.94 kHz
-63.34 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
12:56:39 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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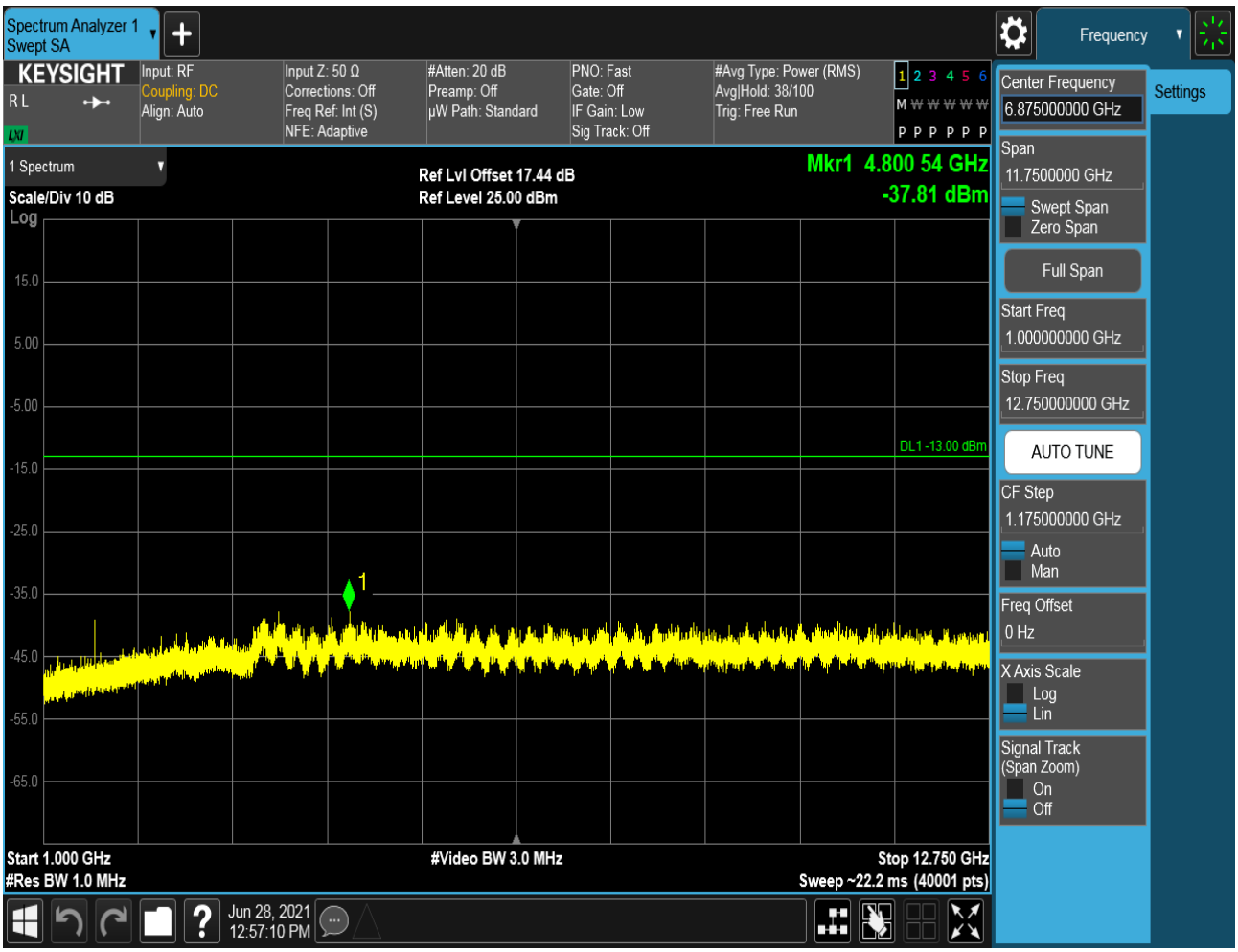

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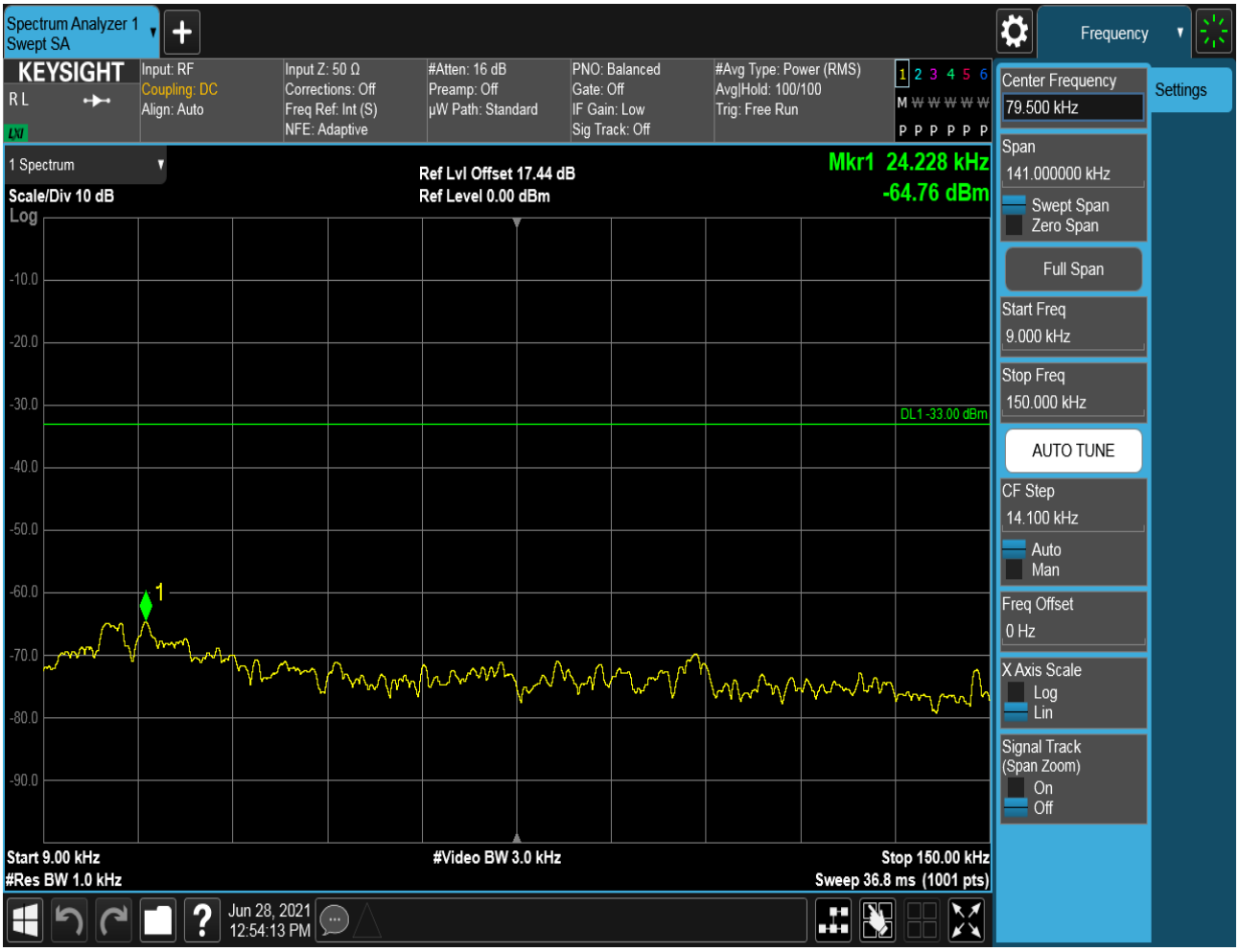
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



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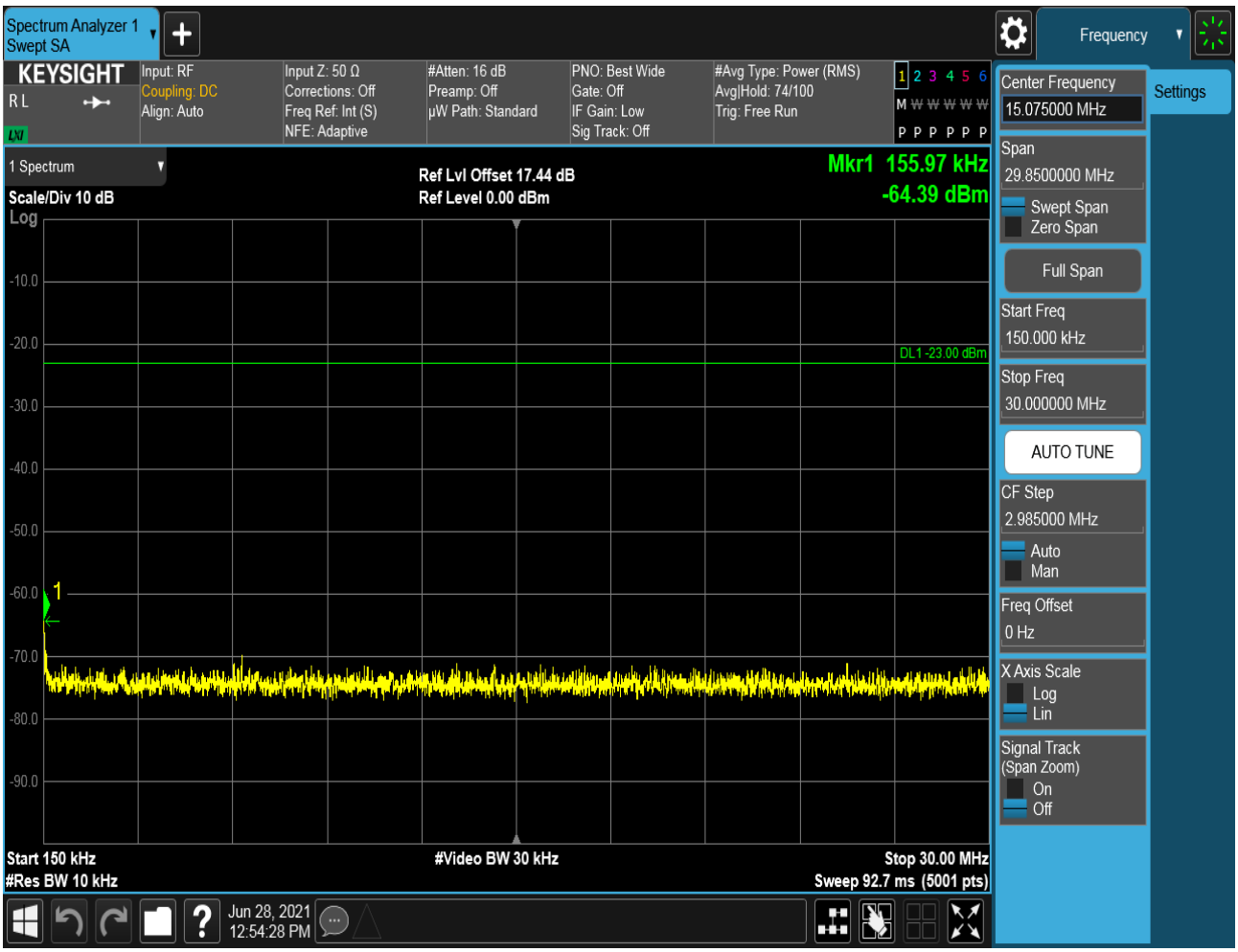
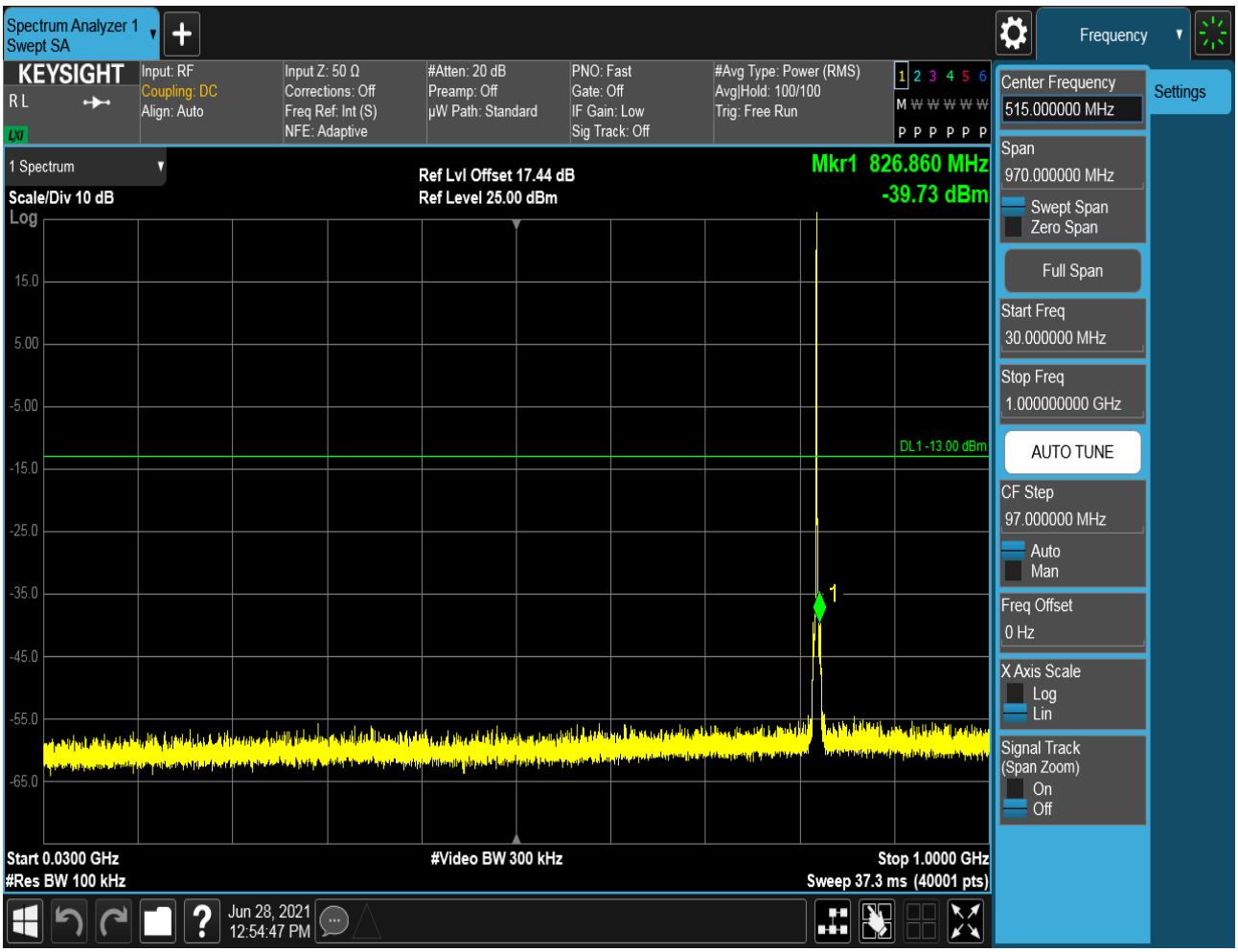

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 74/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 155.97 kHz
-64.39 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
12:54:28 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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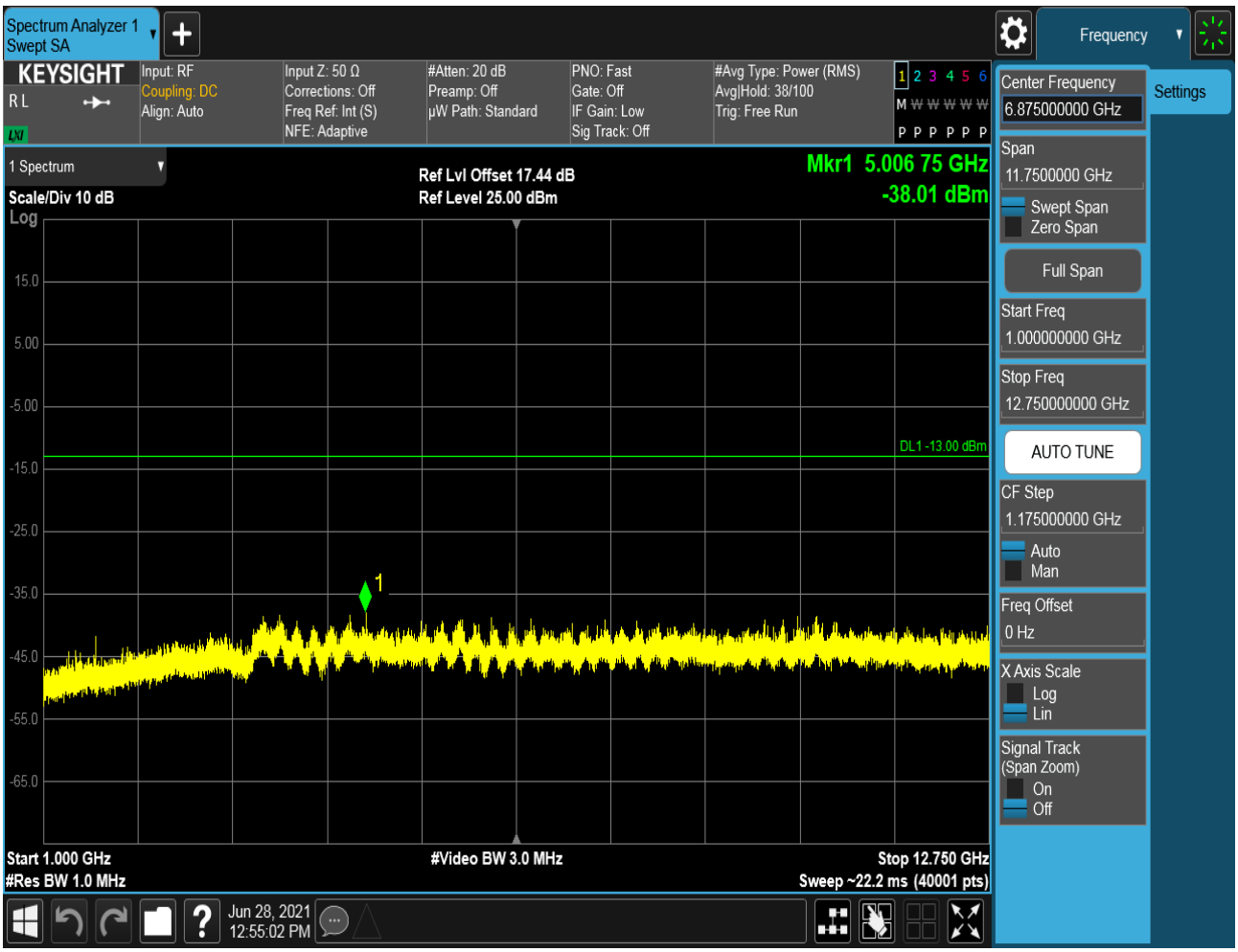

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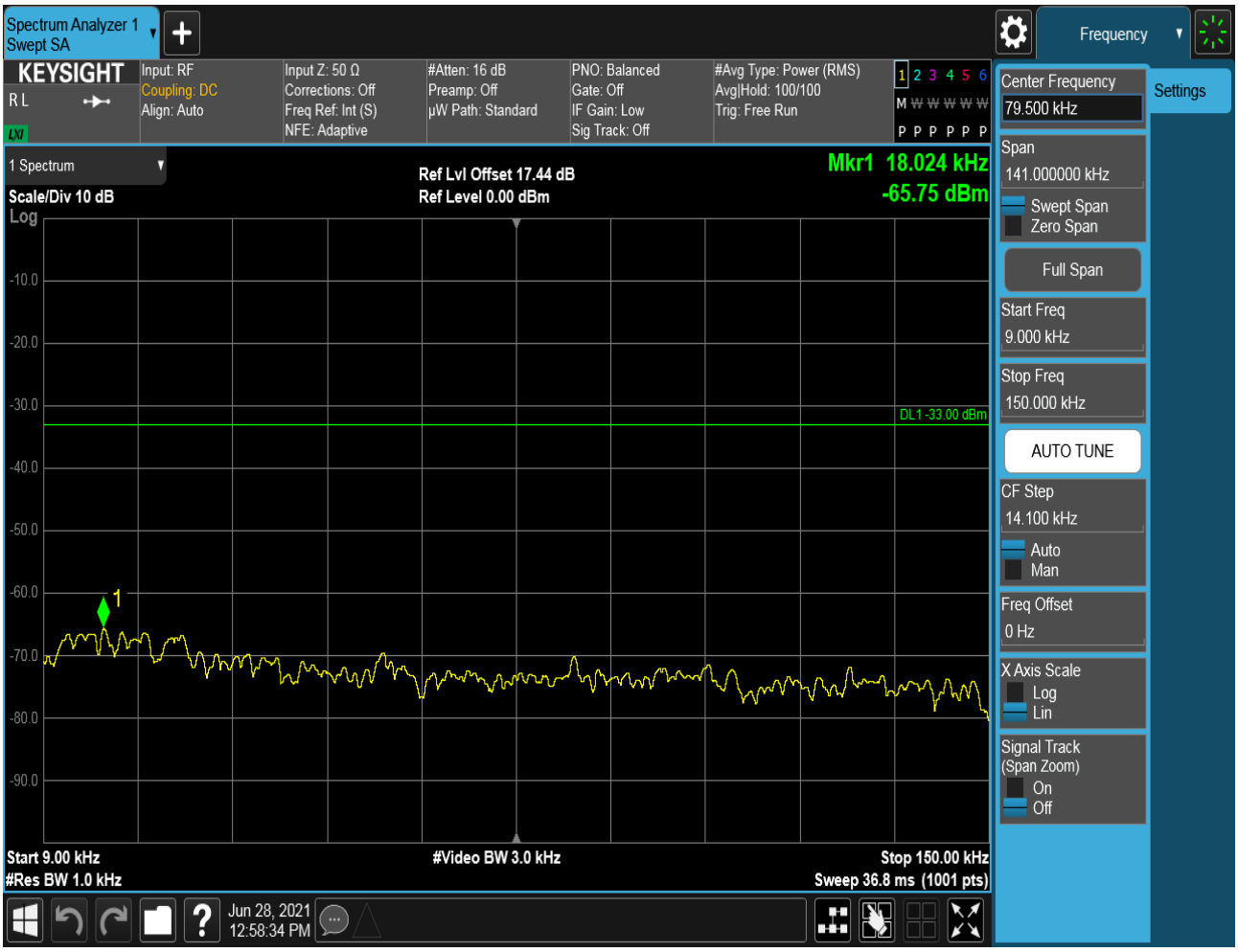
6.2.1.2.2 Test Bandwidth = 3MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



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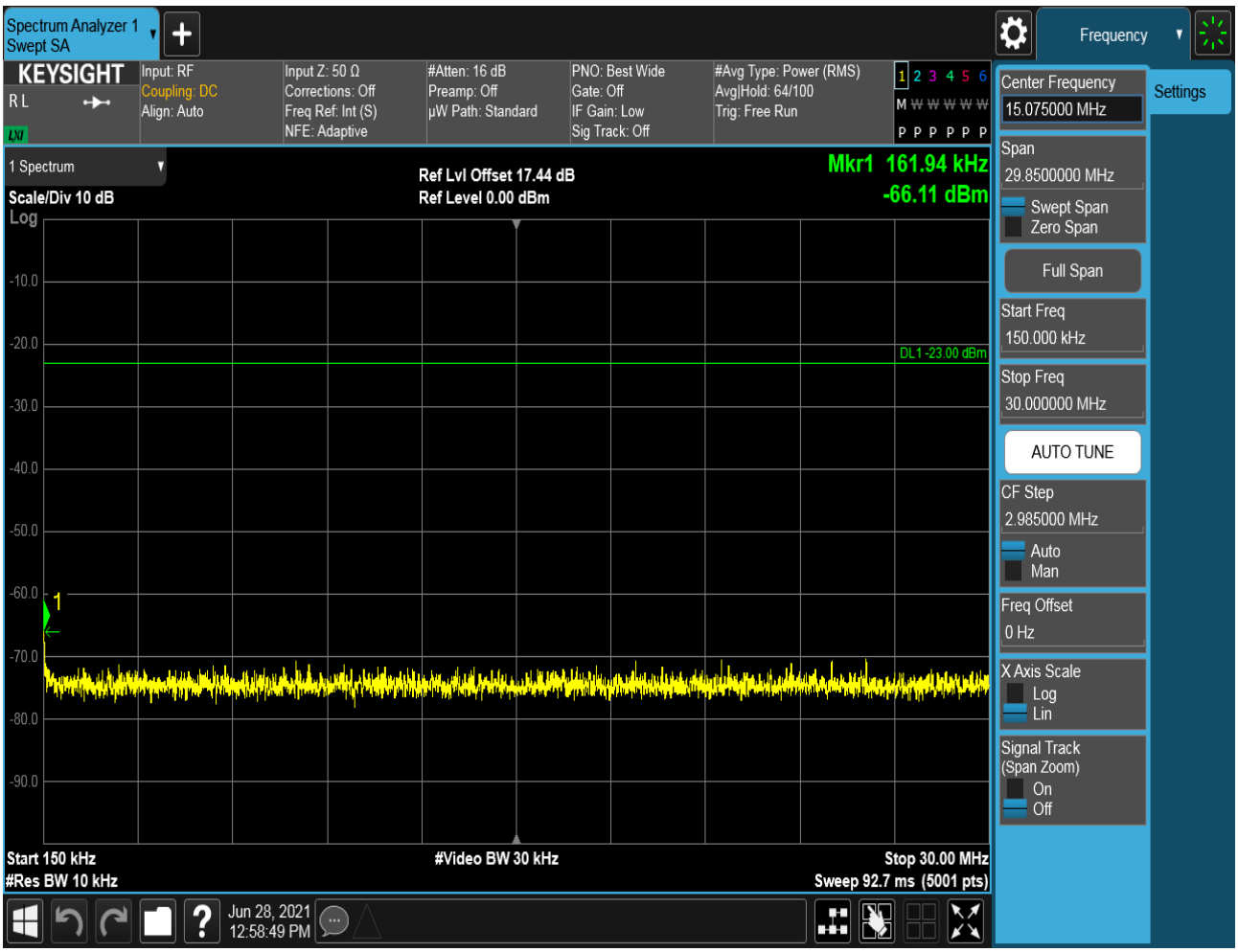

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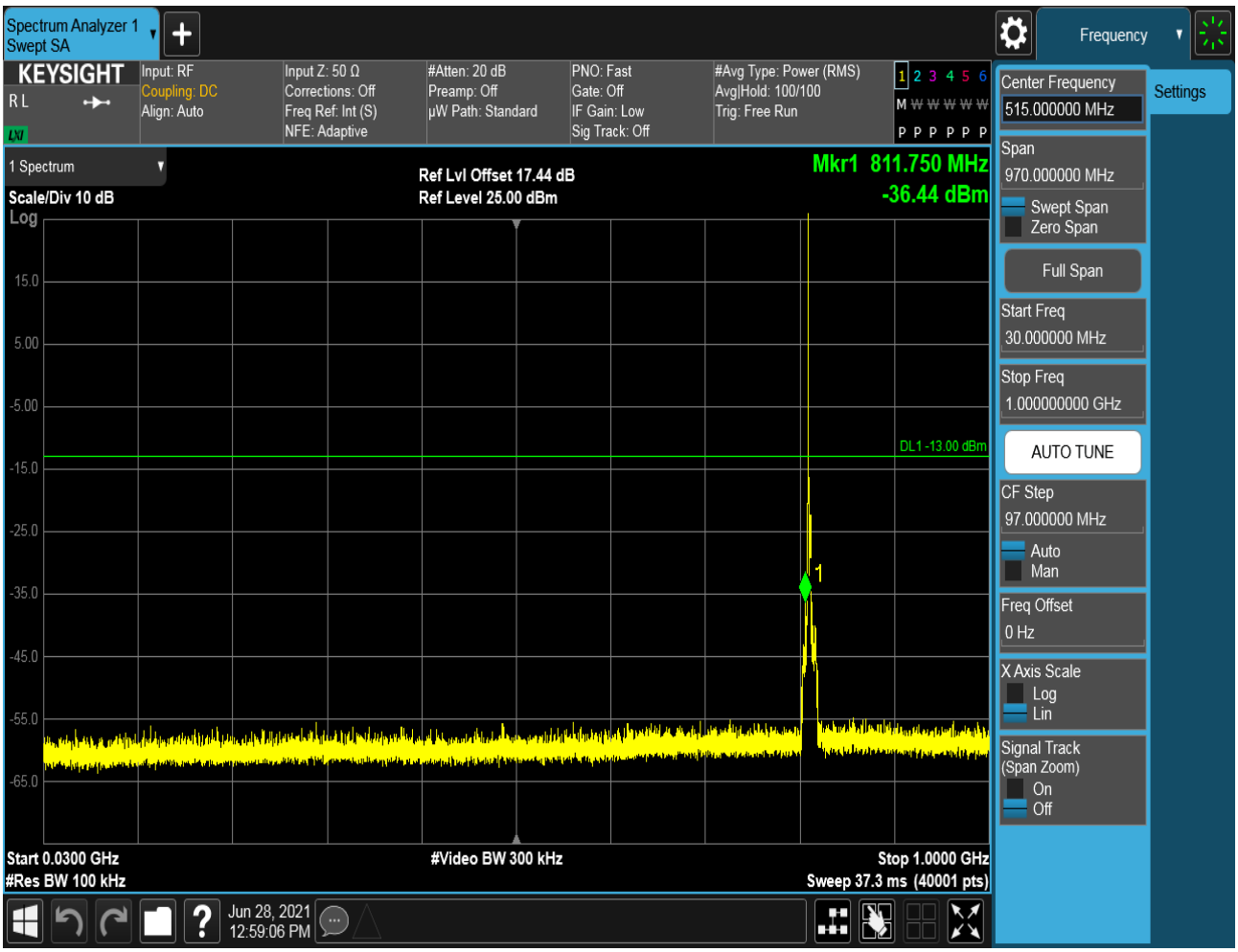

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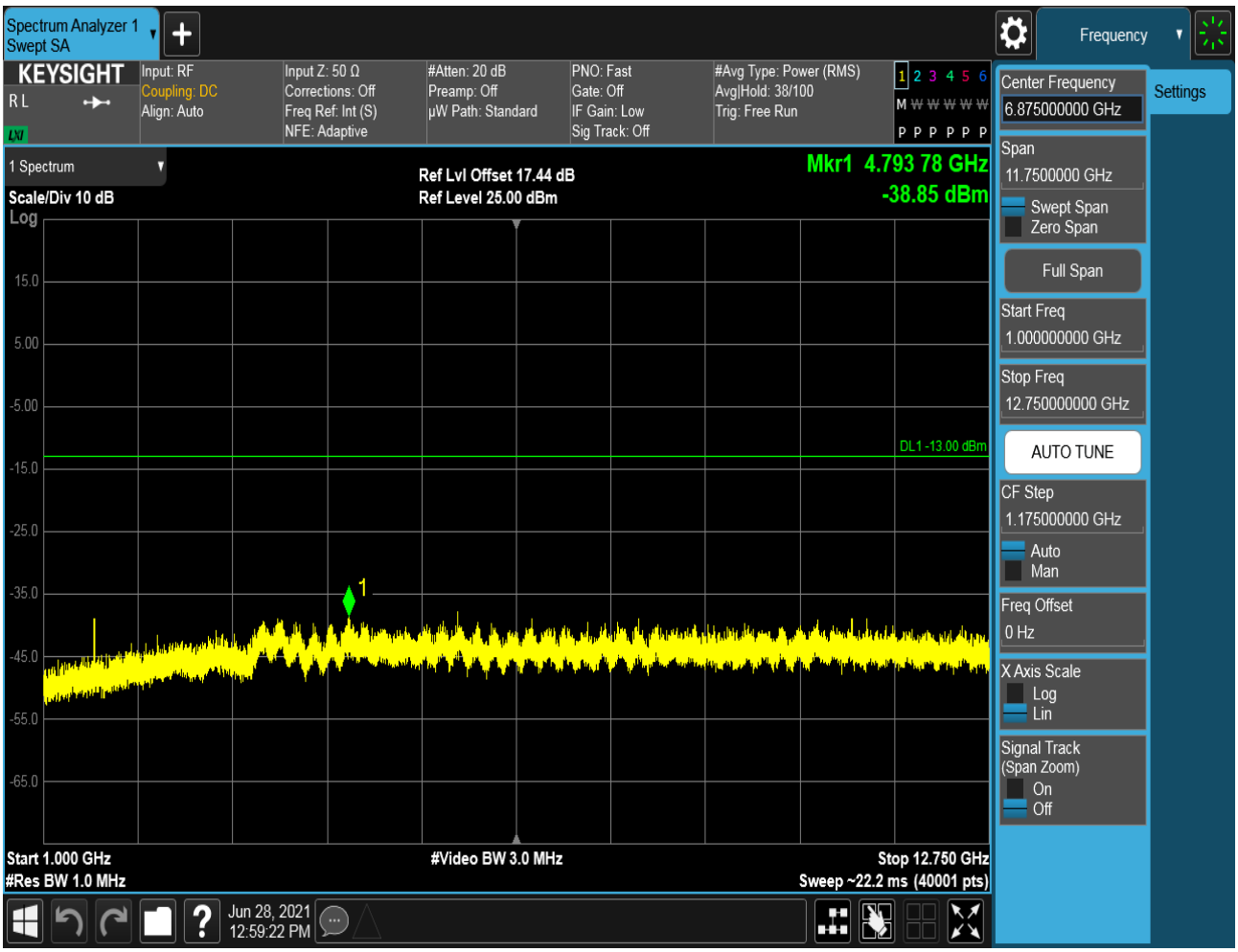

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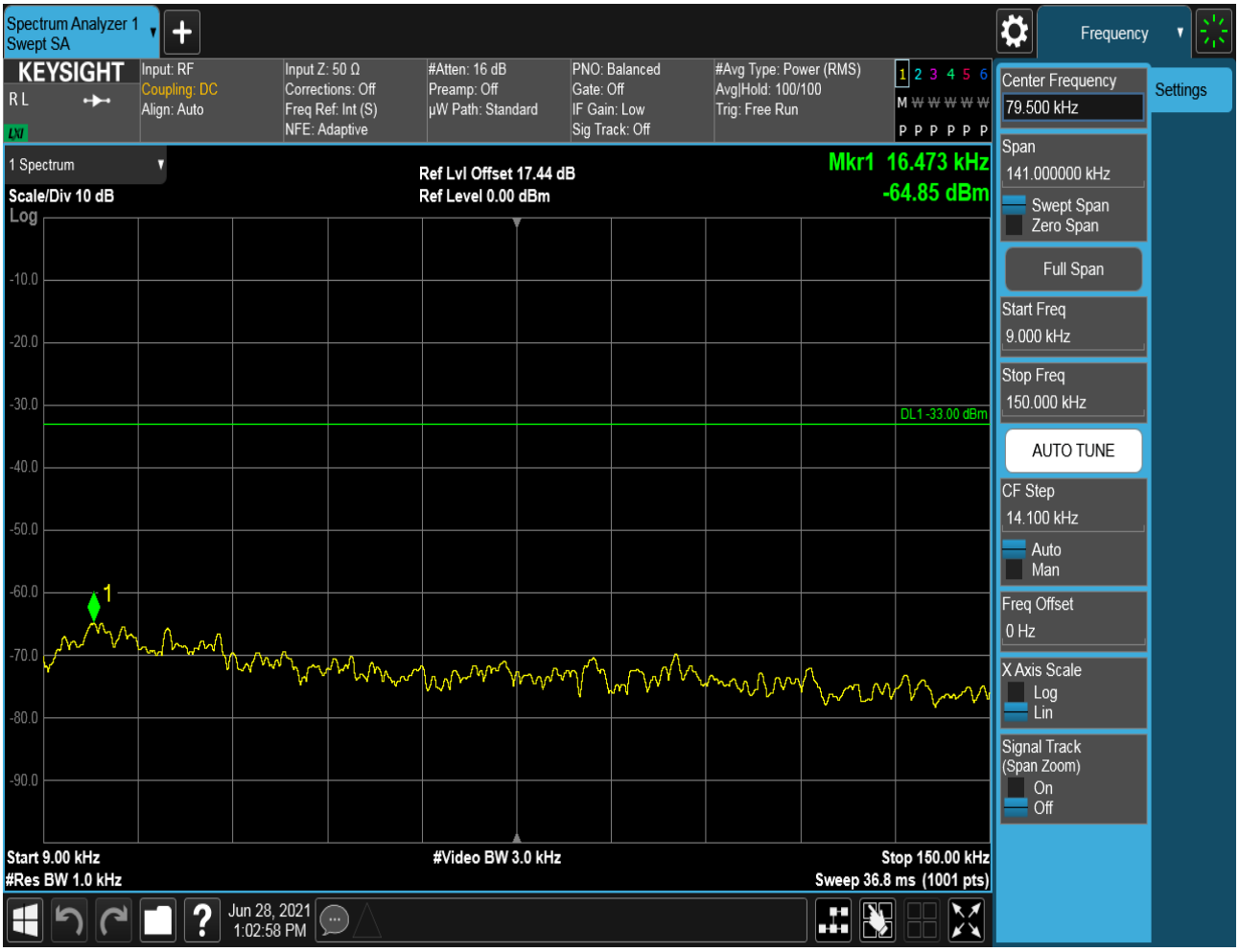
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



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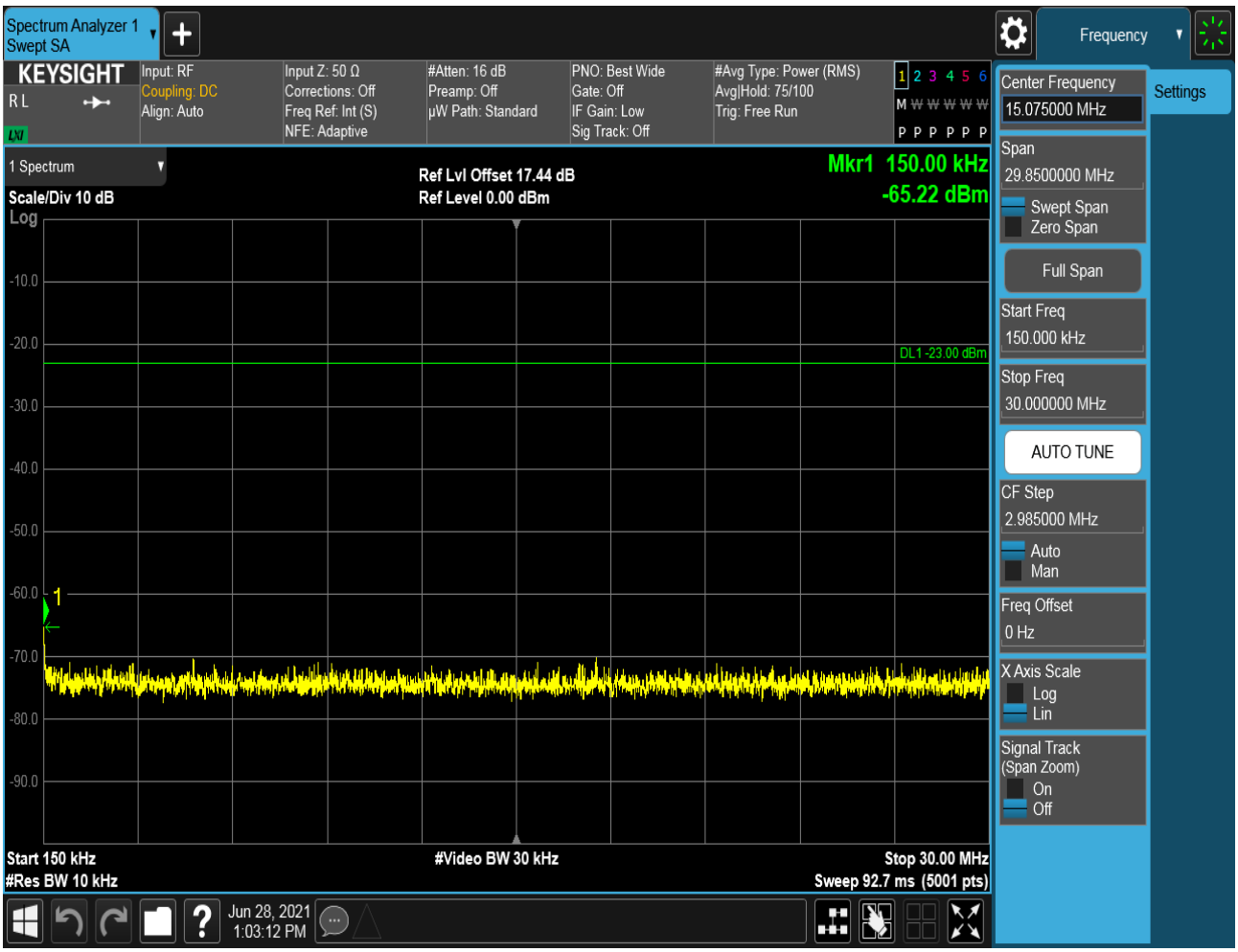
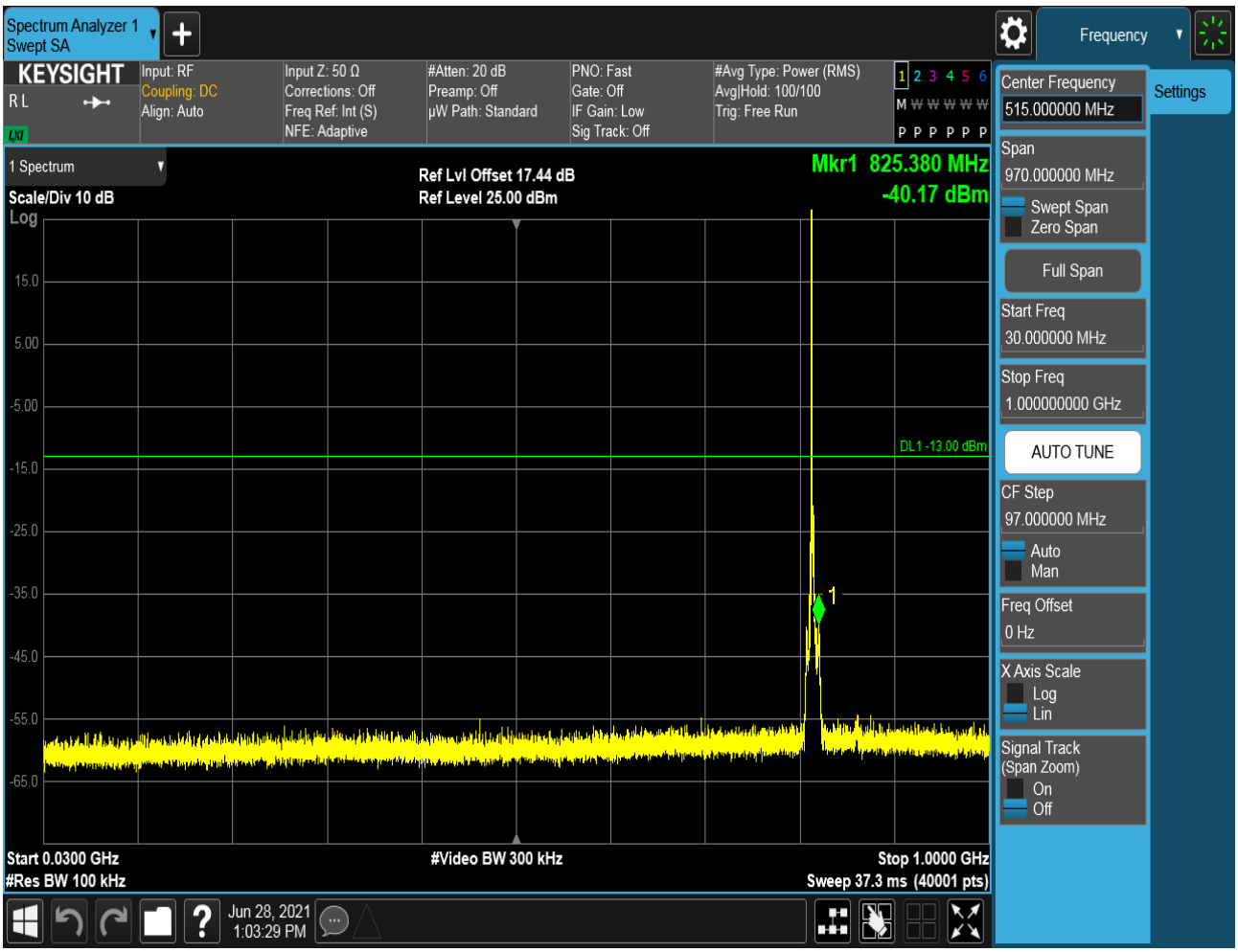

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 150.00 kHz
-65.22 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:03:12 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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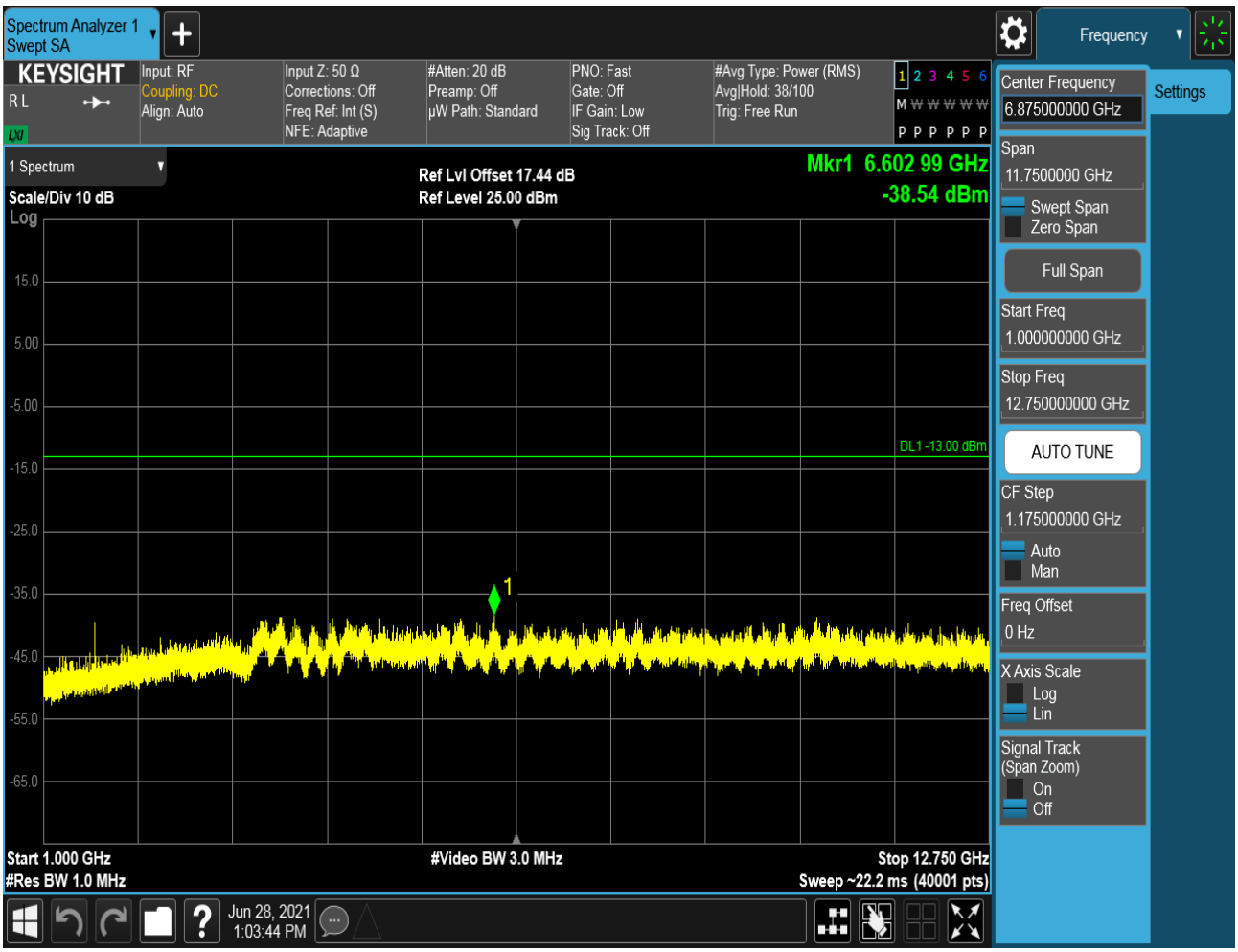

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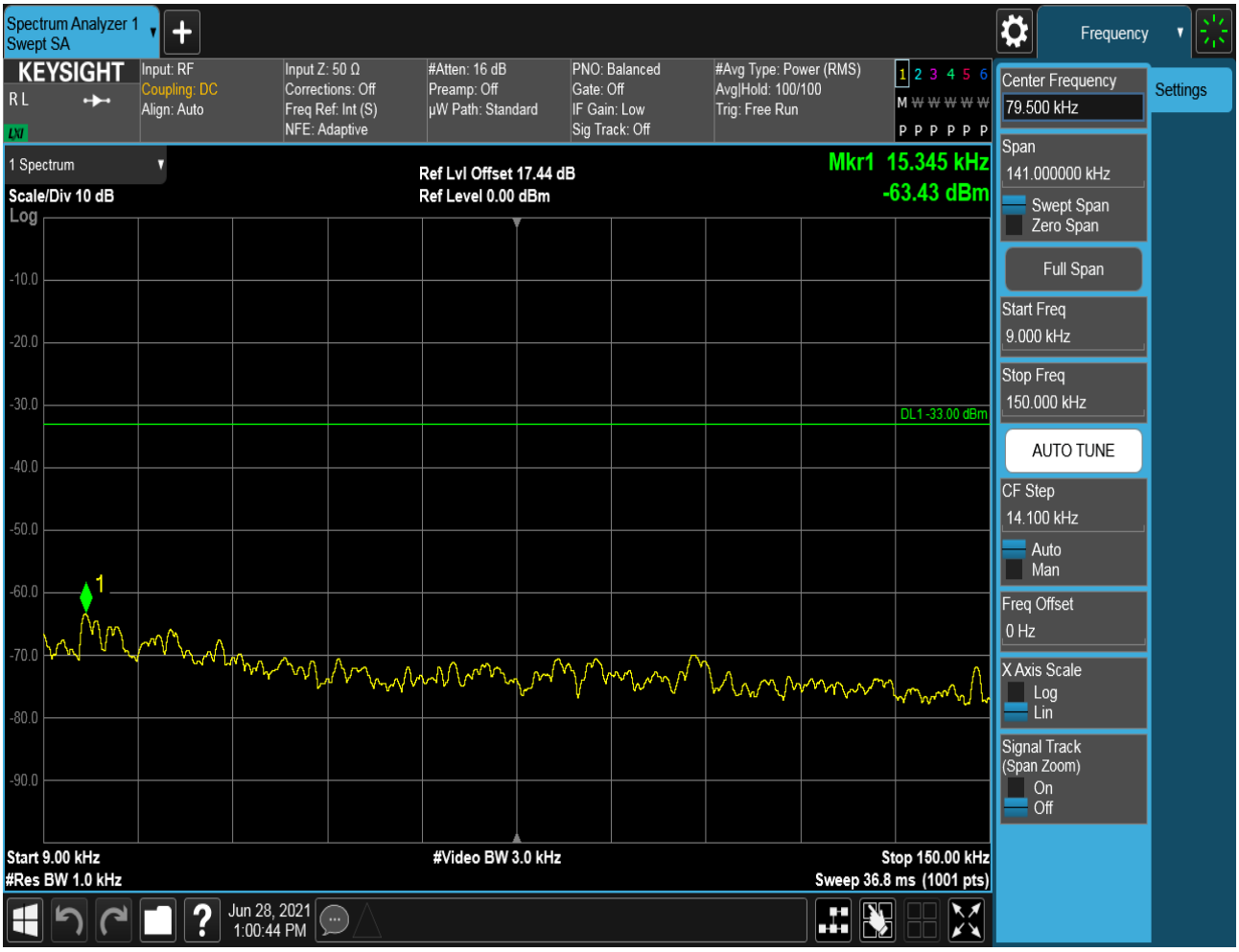
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



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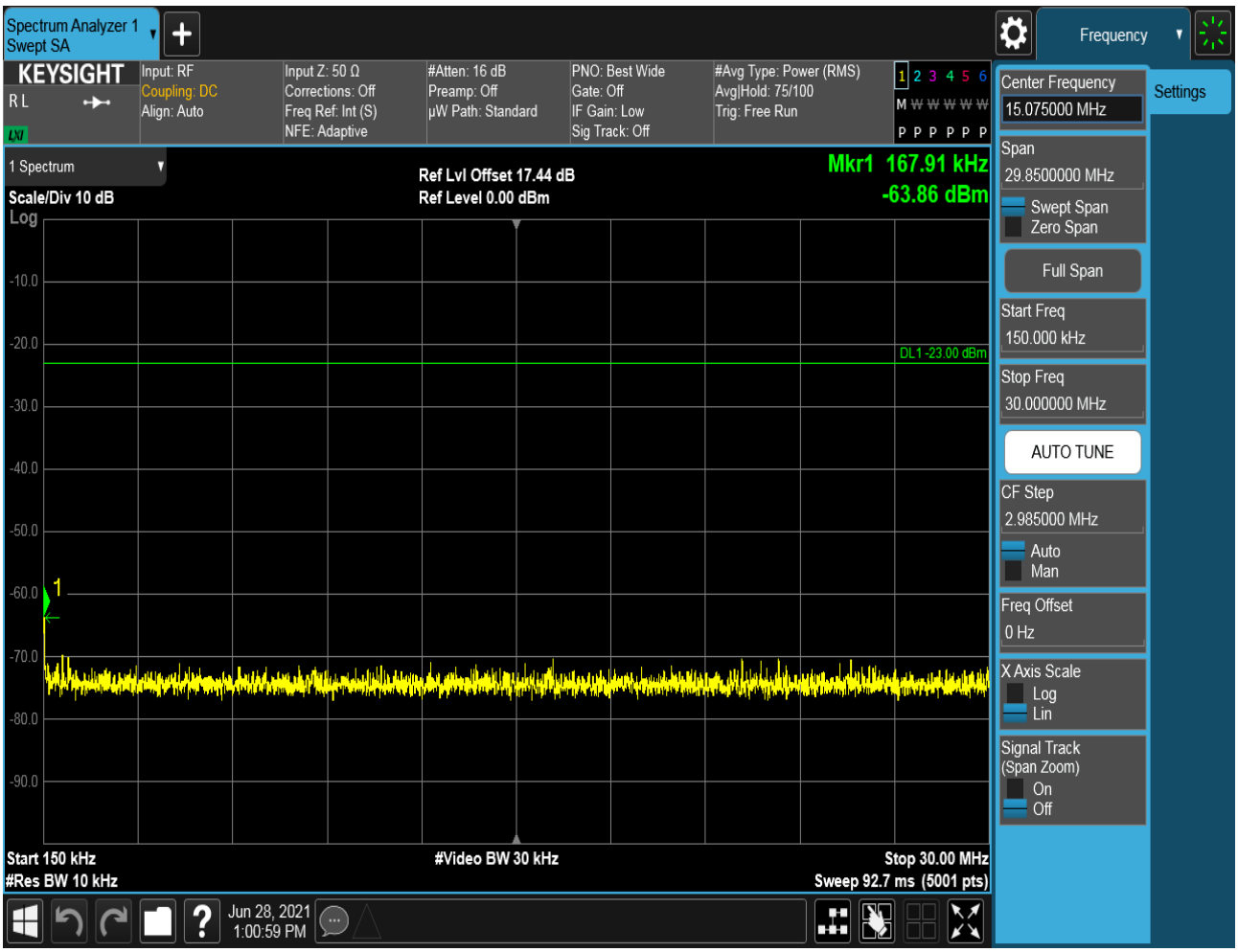
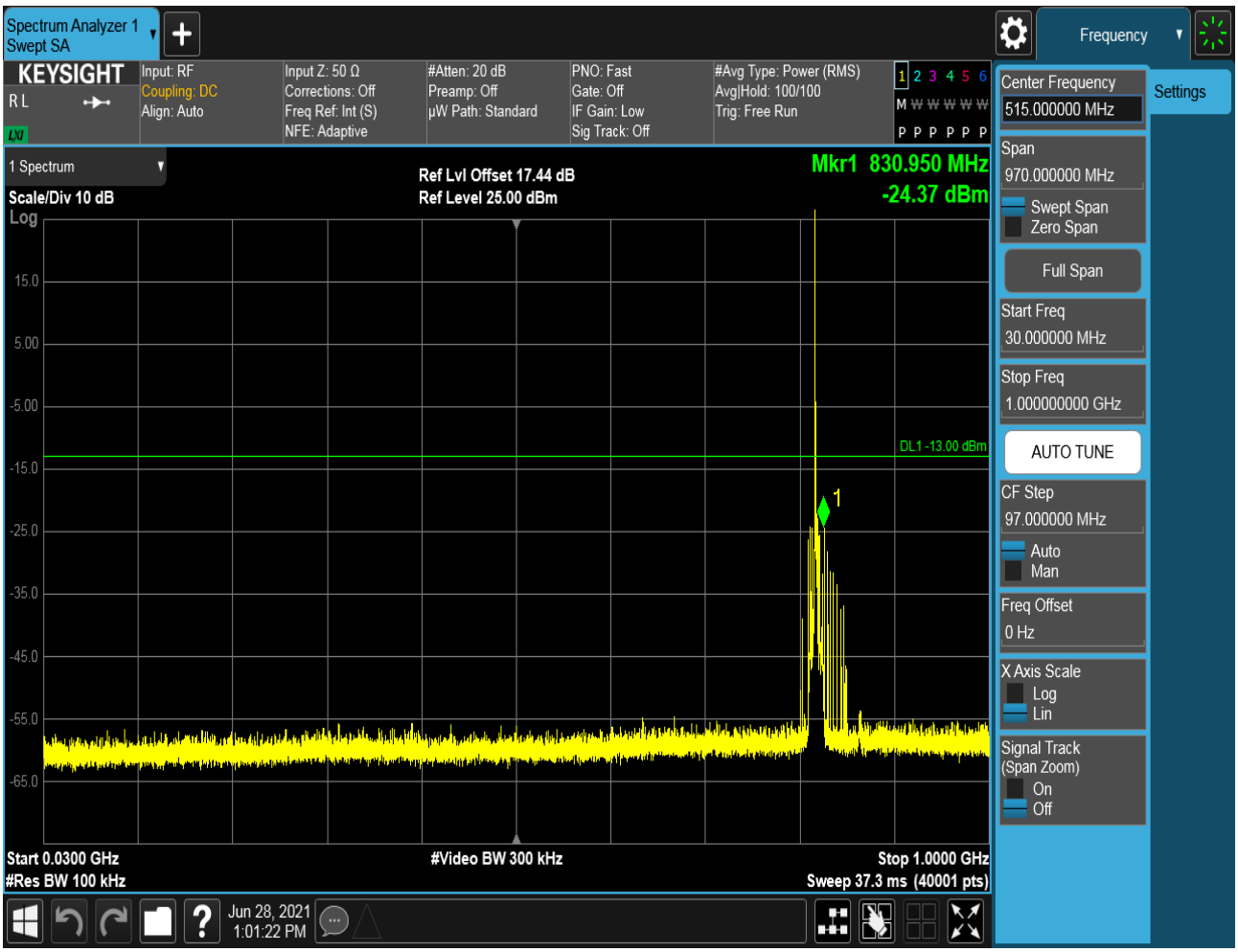
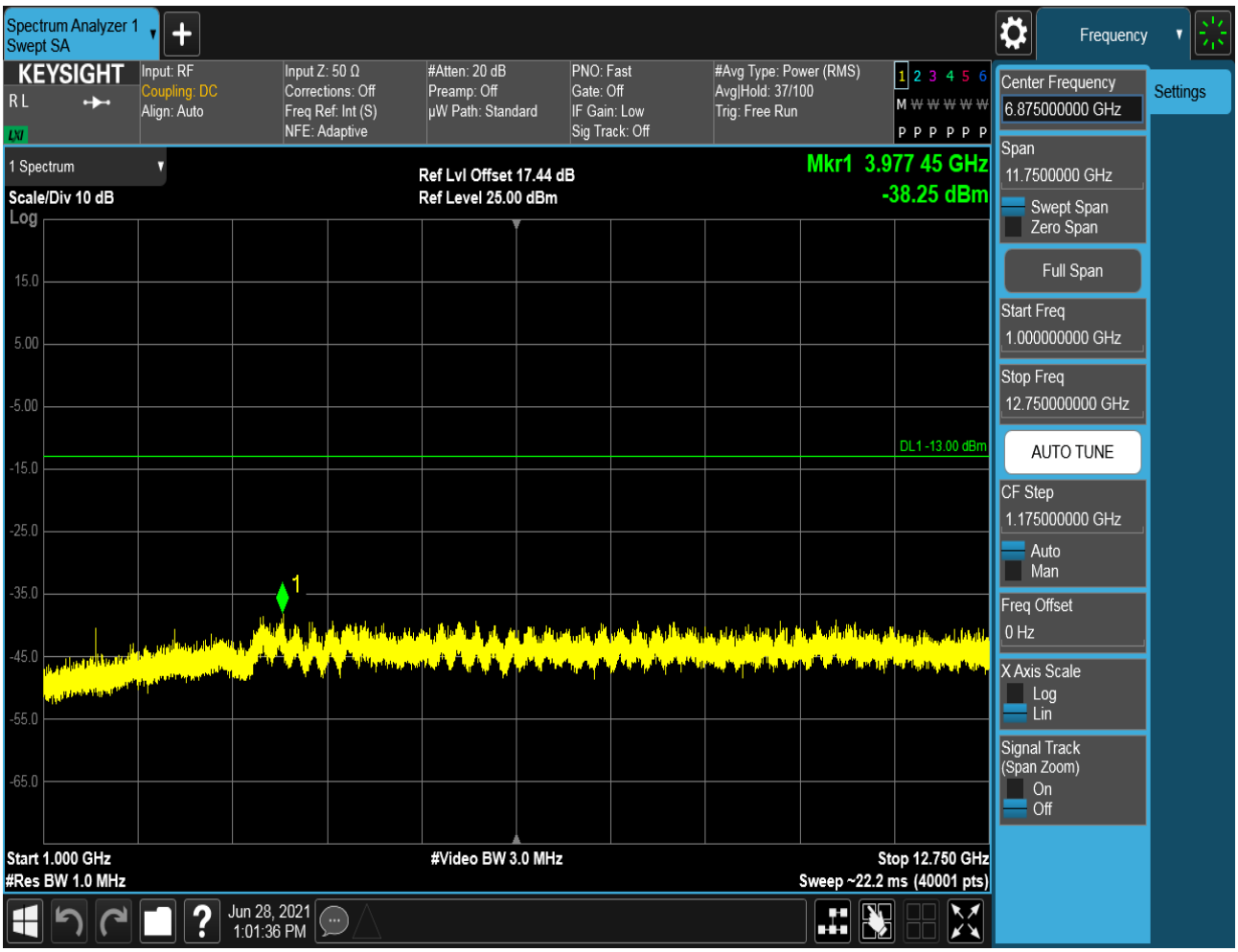

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 167.91 kHz
-63.86 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:00:59 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
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: 20 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 25.00 dBm
Mkr1 830.950 MHz
-24.37 dBm
DL1 -13.00 dBm
Start 0.0300 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 1.0000 GHz
Sweep 37.3 ms (40001 pts)
Jun 28, 2021
1:01:22 PM
Frequency
Settings
Center Frequency
515.000000 MHz
Span
970.000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
AUTO TUNE
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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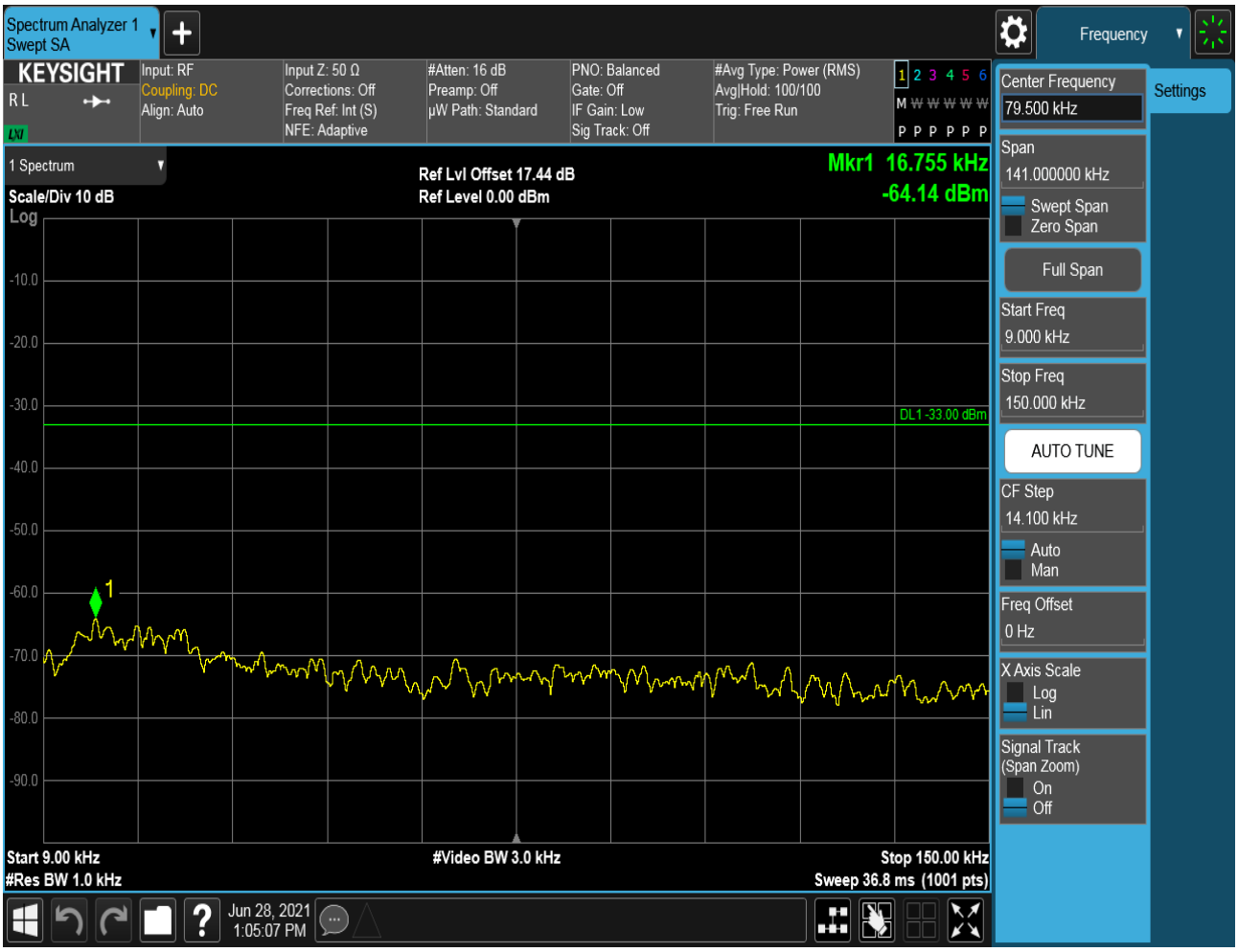
6.2.1.2.3 Test Bandwidth = 5MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



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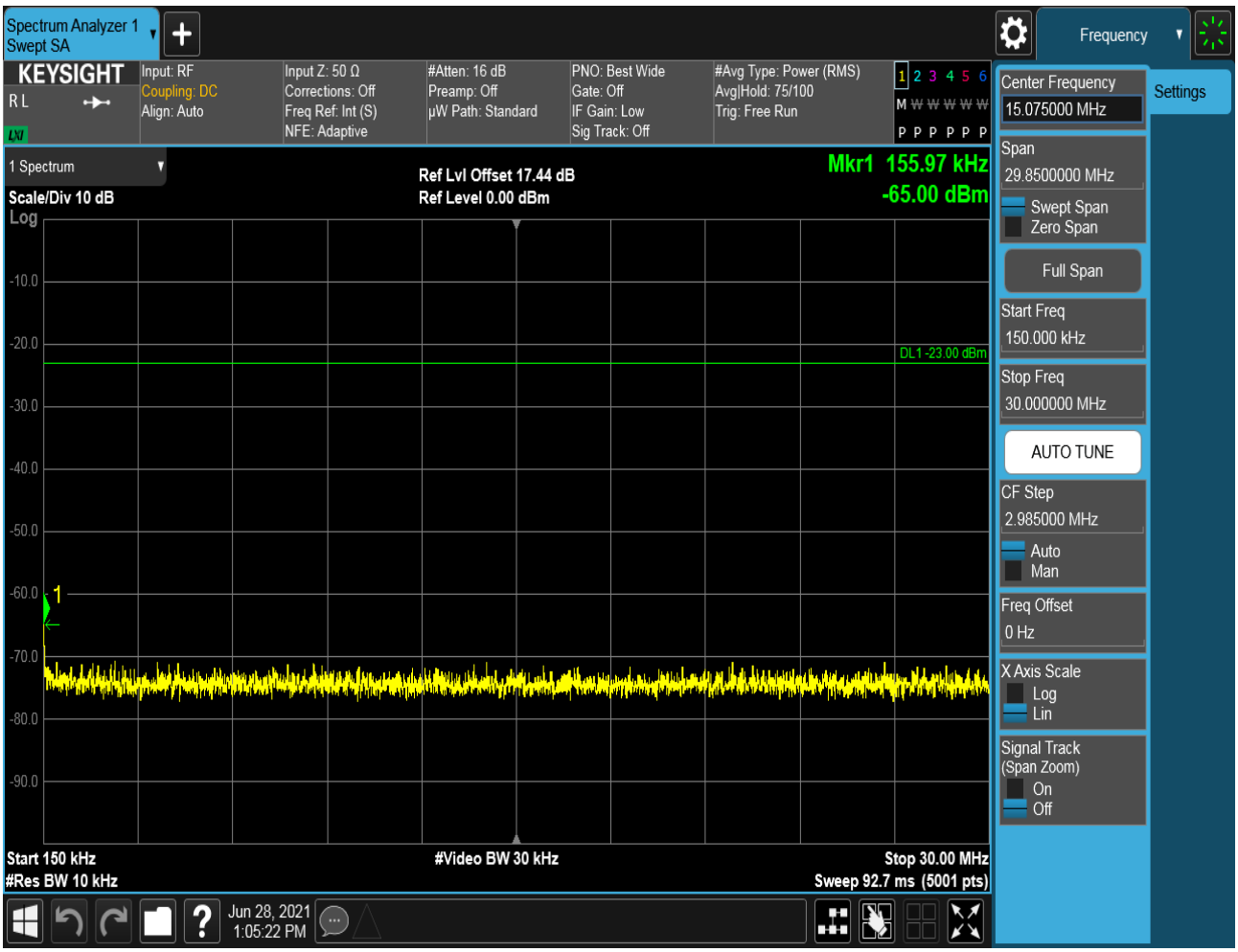
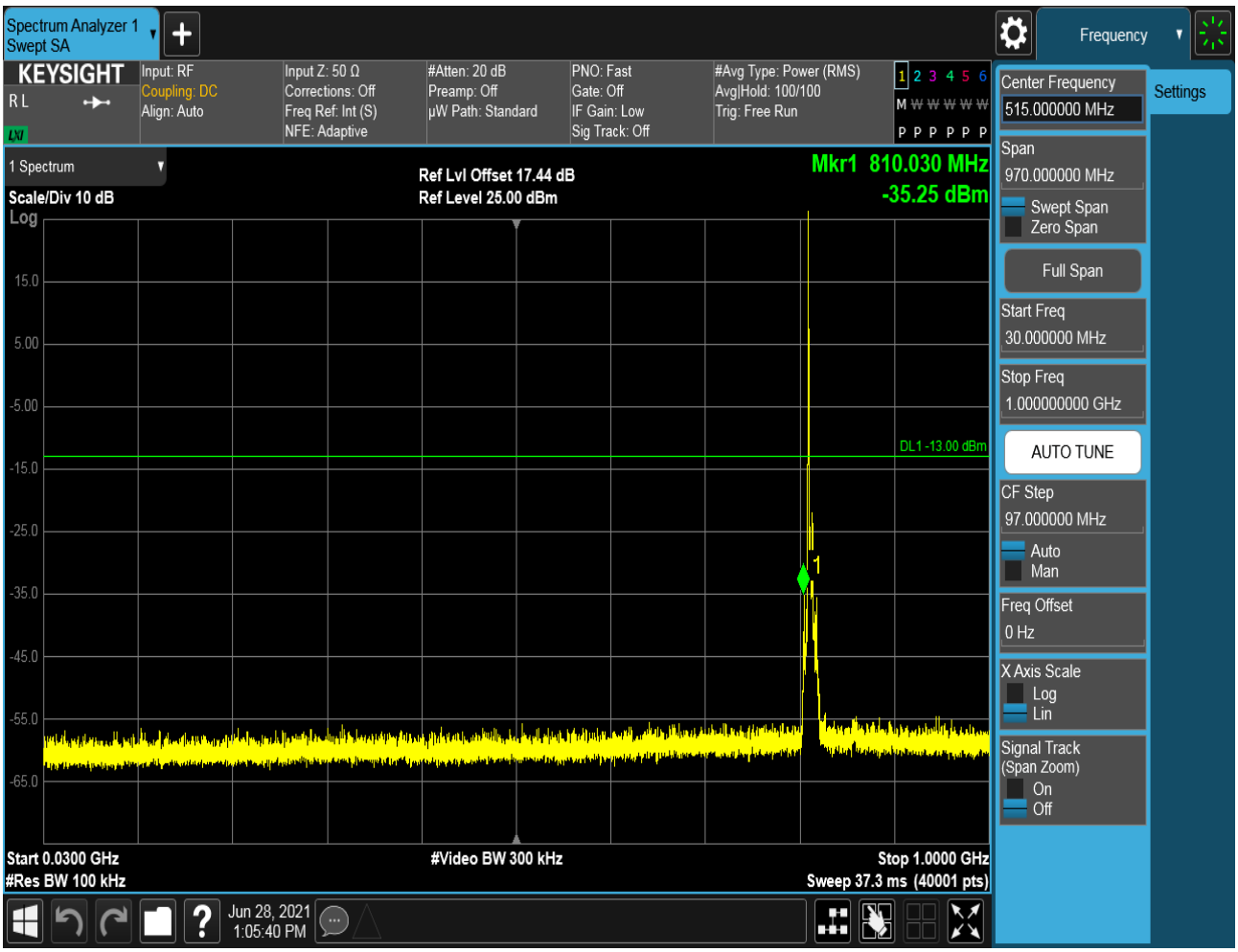

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 155.97 kHz
-65.00 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:05:22 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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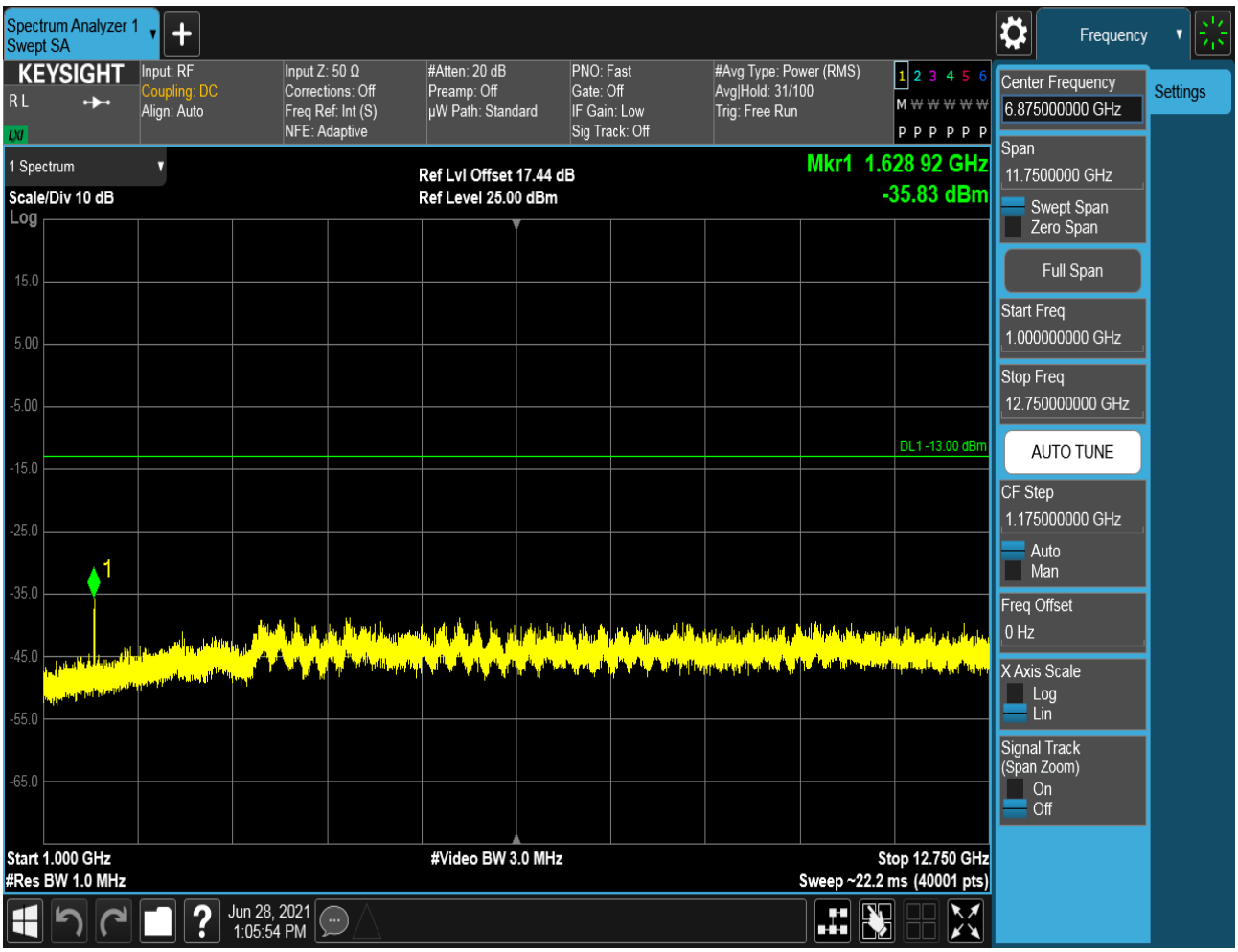
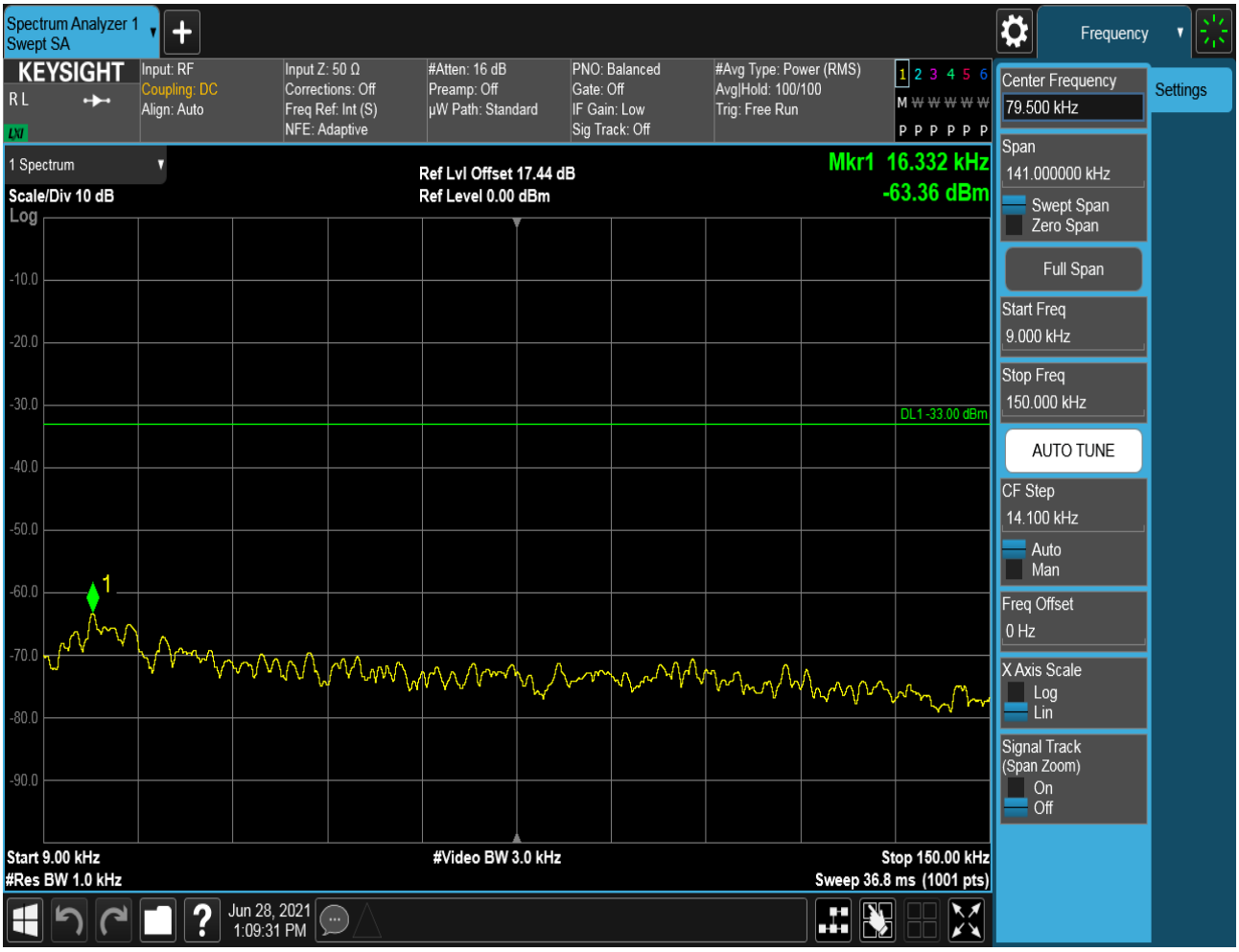

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 20 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 31/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 25.00 dBm
Mkr1 1.628 92 GHz
-35.83 dBm
DL1 -13.00 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 12.750 GHz
Sweep ~22.2 ms (40001 pts)
Jun 28, 2021
1:05:54 PM
Frequency
Settings
Center Frequency
6.875000000 GHz
Span
11.7500000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
AUTO TUNE
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off

6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



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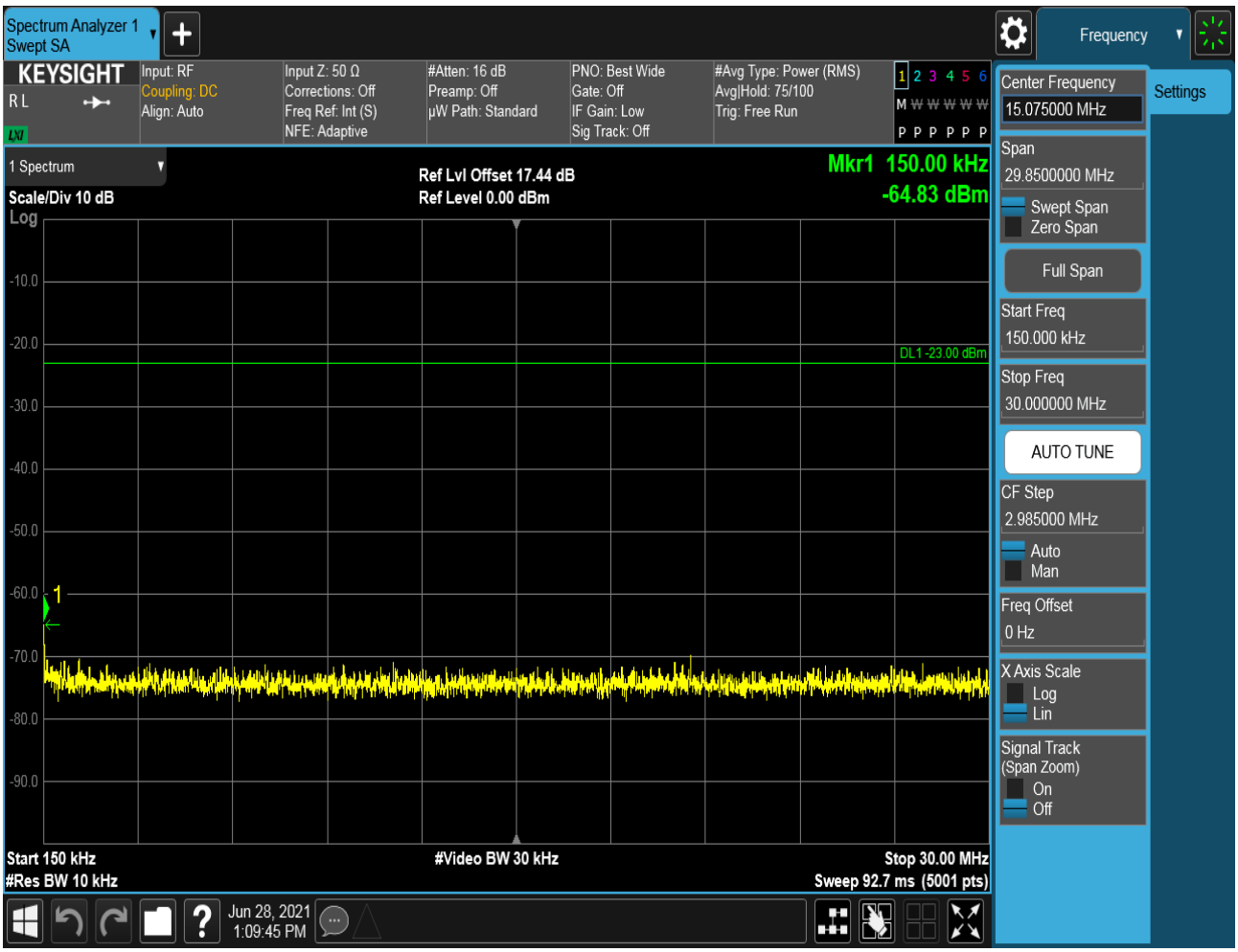

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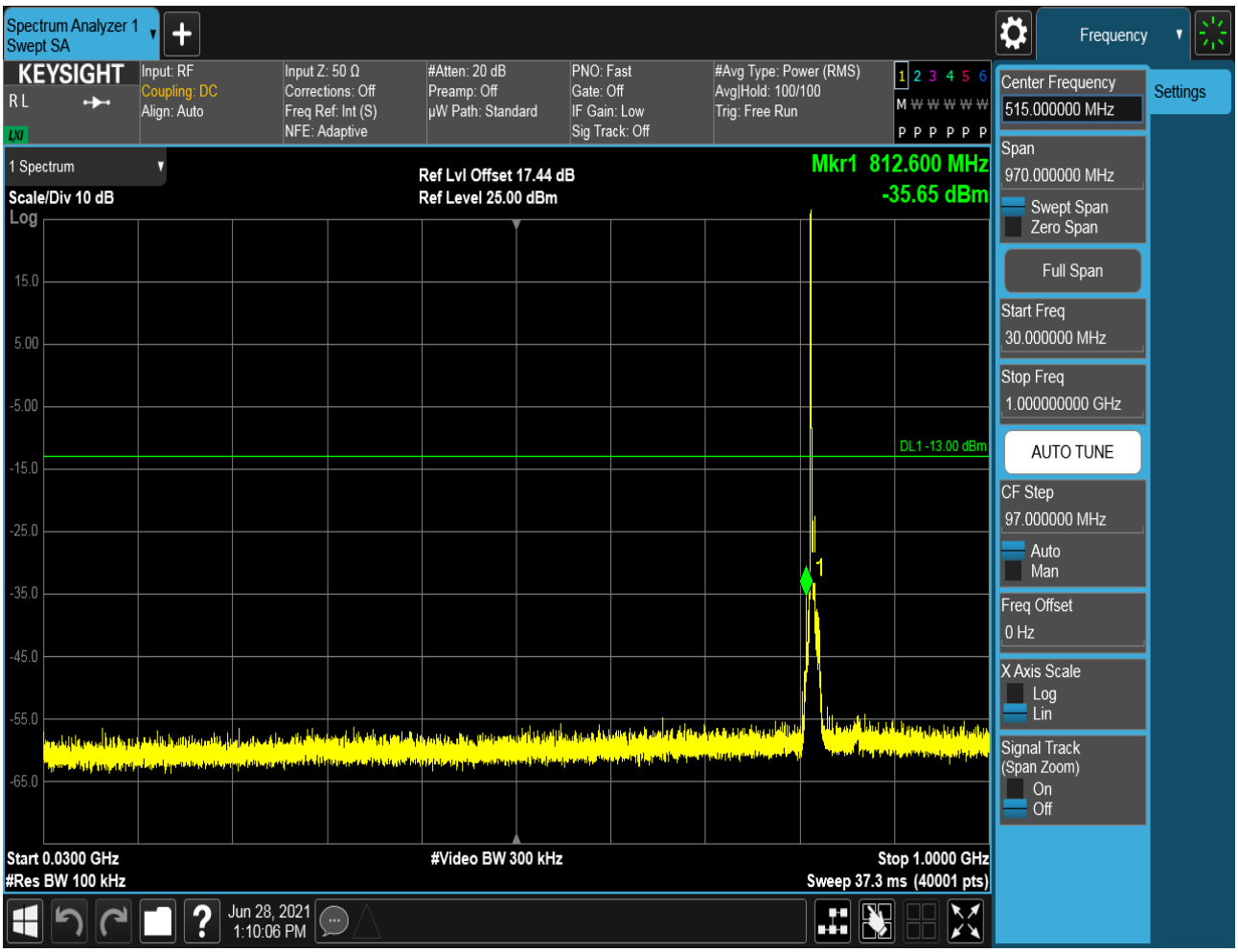
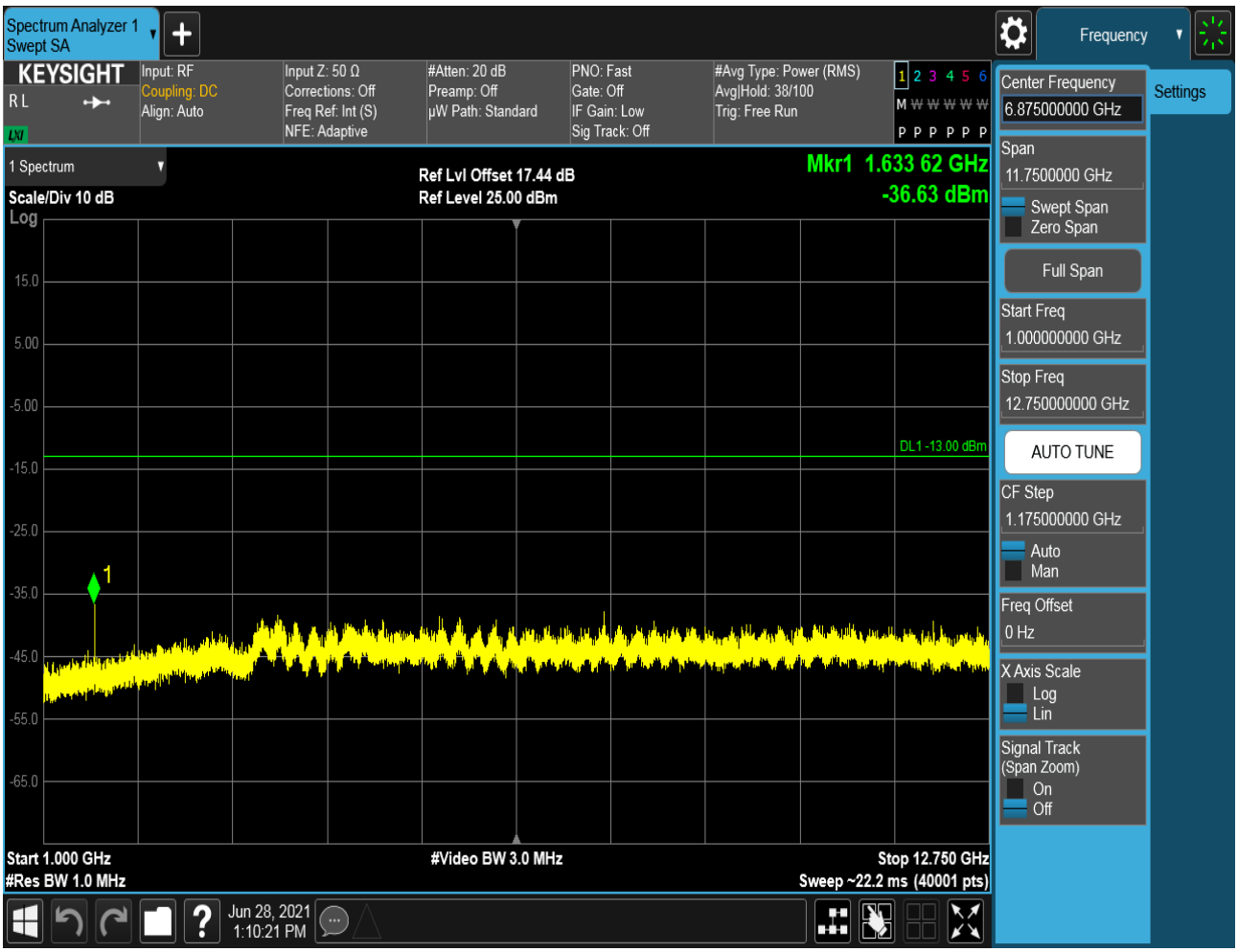

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 20 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 25.00 dBm
Mkr1 812.600 MHz
-35.65 dBm
DL1 -13.00 dBm
Start 0.0300 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 1.0000 GHz
Sweep 37.3 ms (40001 pts)
Jun 28, 2021
1:10:06 PM
Frequency
Settings
Center Frequency
515.000000 MHz
Span
970.000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
AUTO TUNE
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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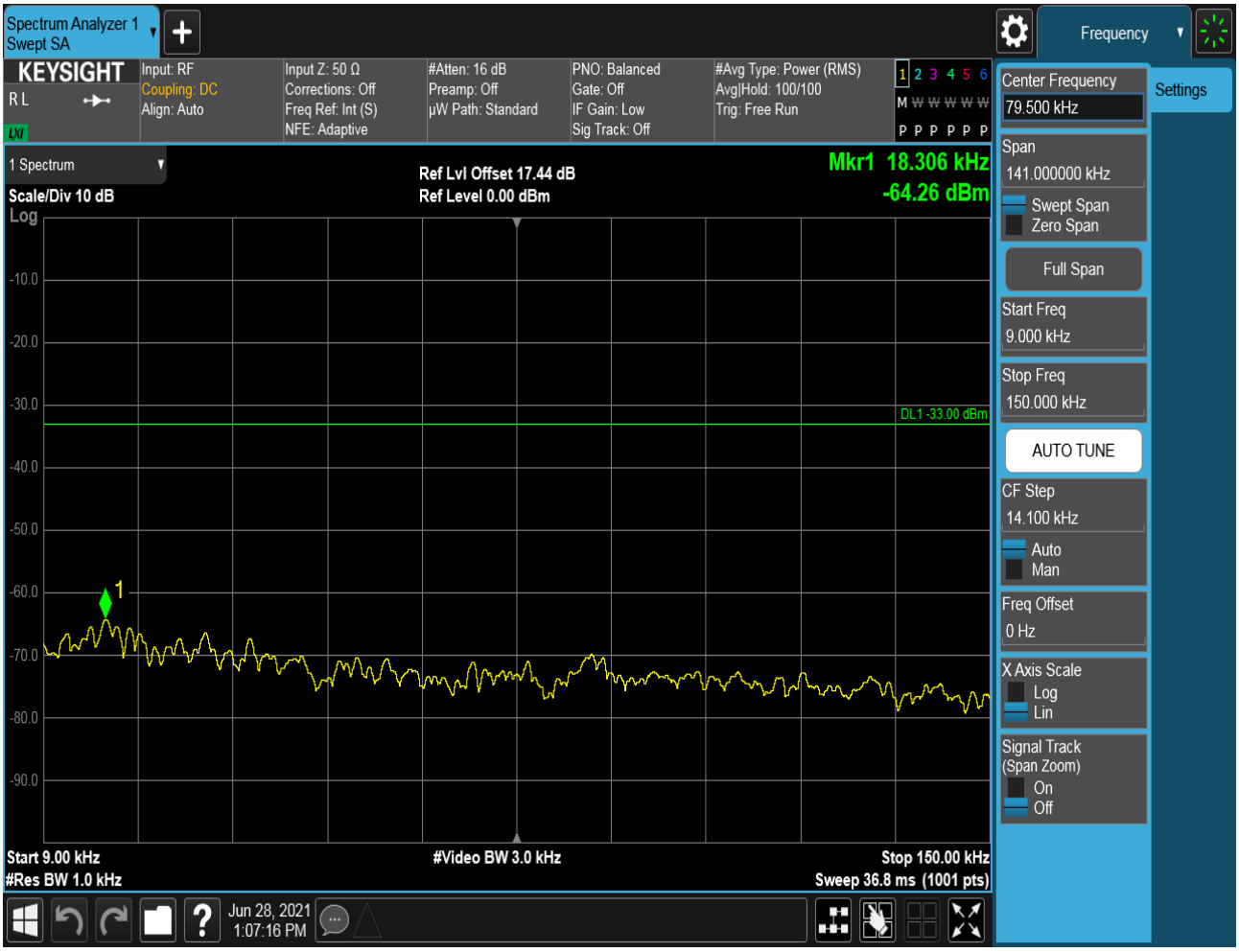
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



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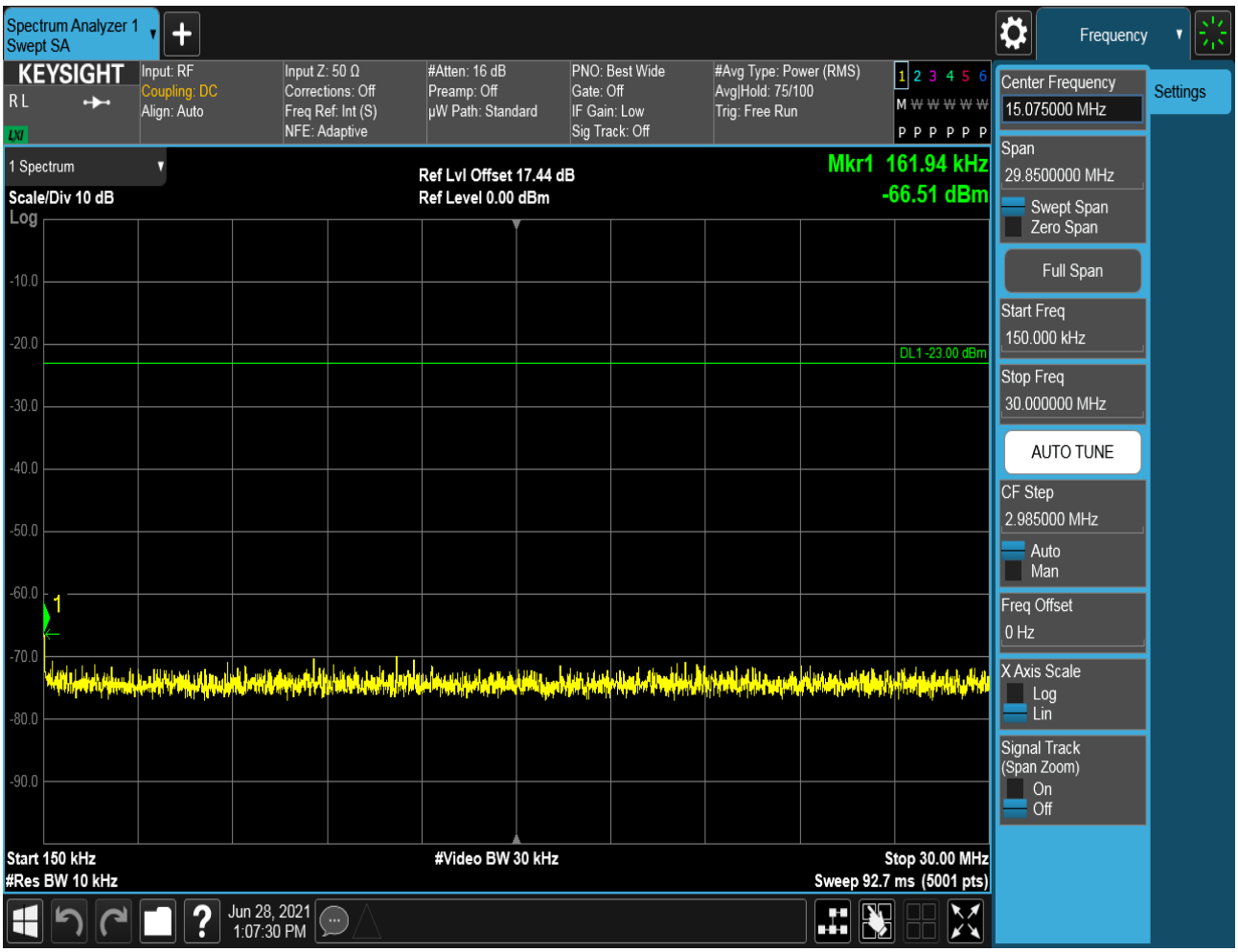
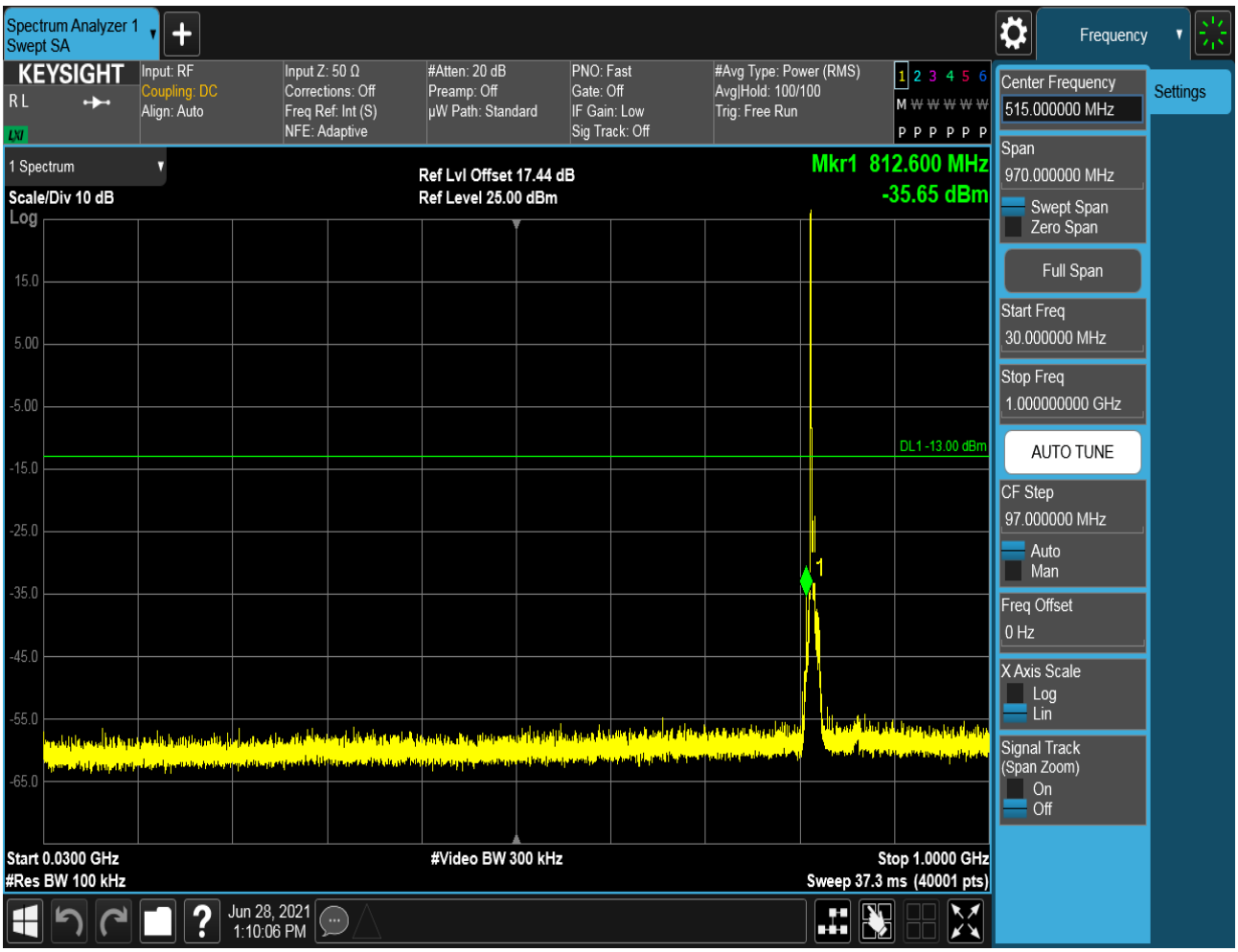

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 161.94 kHz
-66.51 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:07:30 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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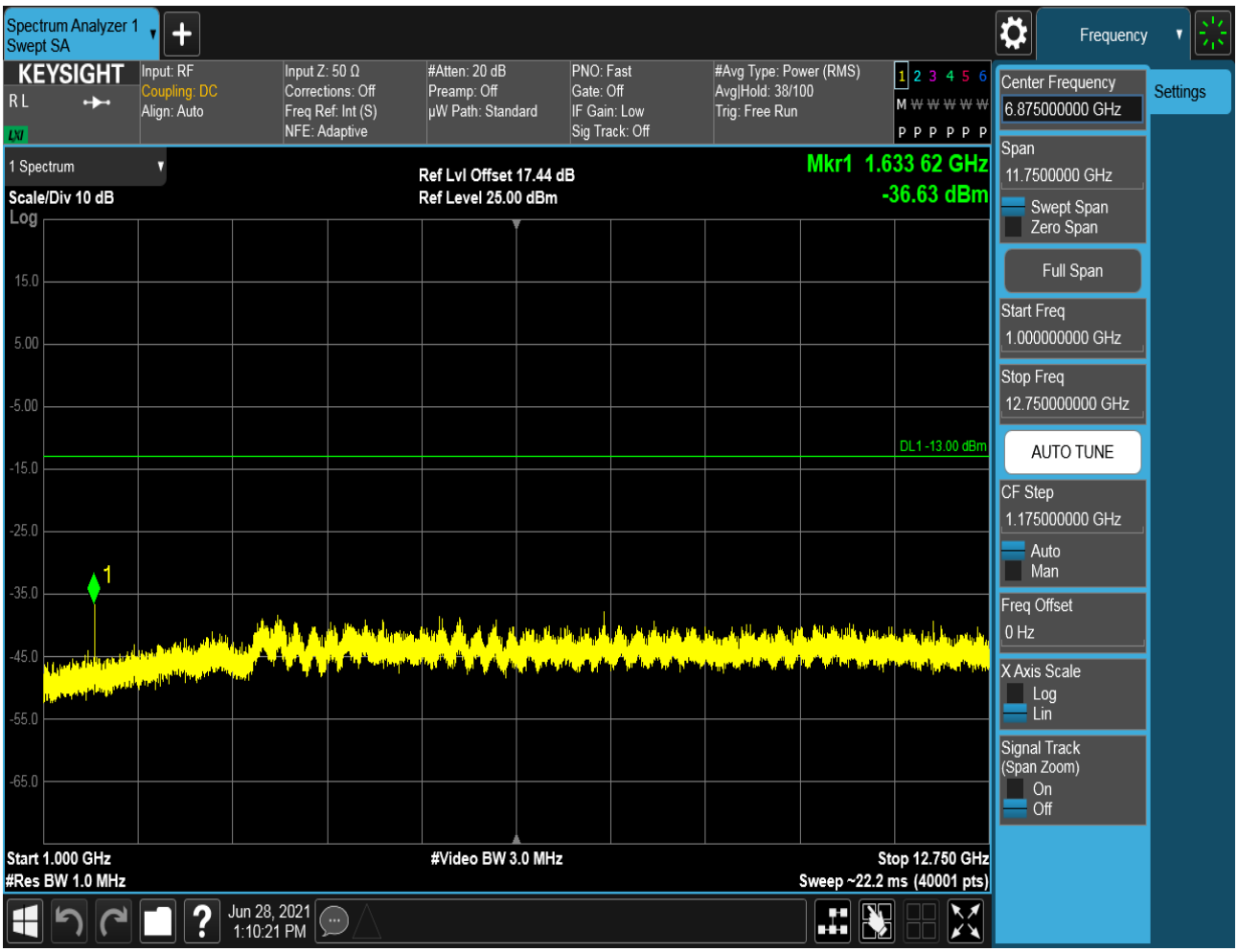

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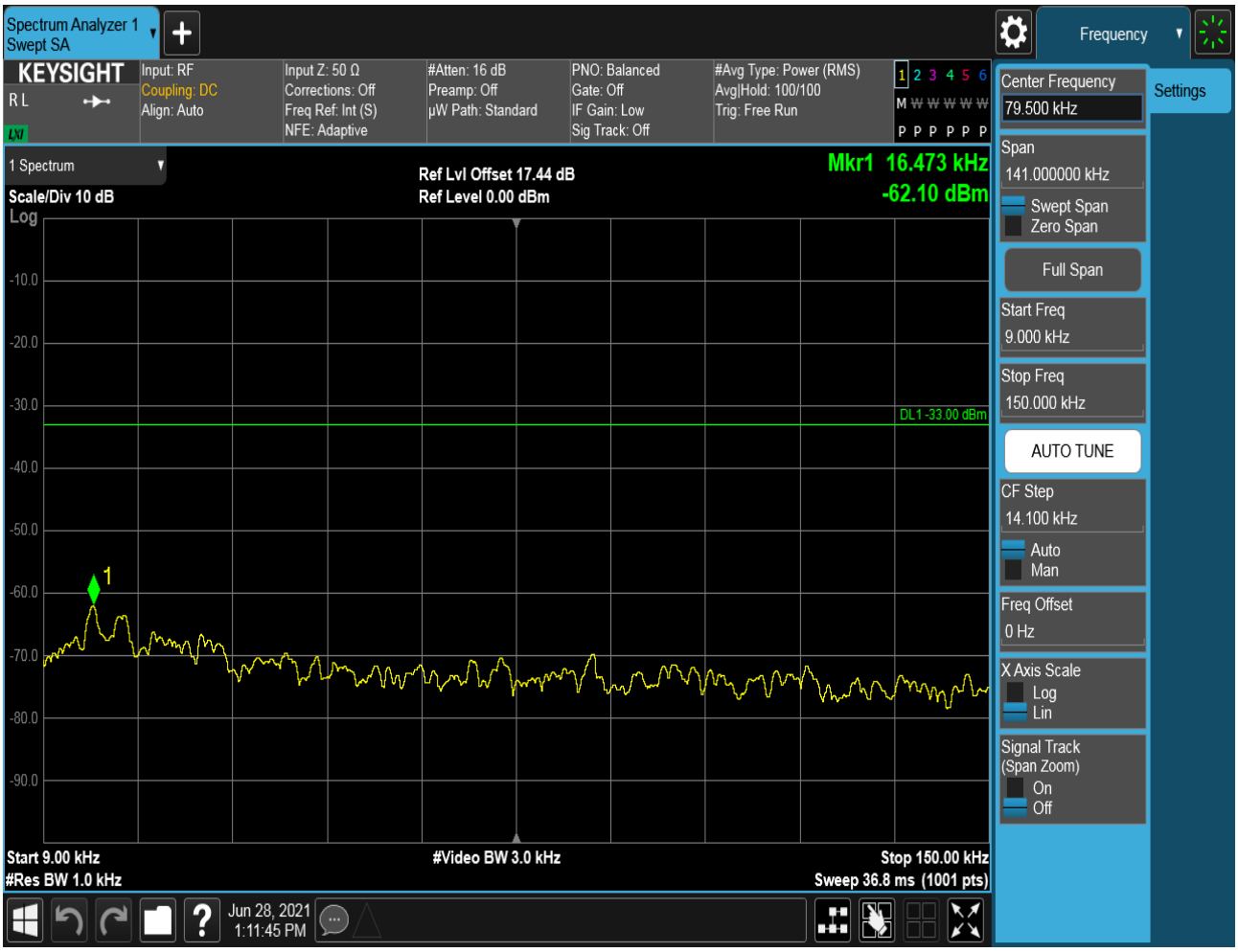
6.2.1.2.4 Test Bandwidth = 10MHz

6.2.1.2.4.1 Test Channel = MCH

6.2.1.2.4.1.1 Test RB = RB1#0



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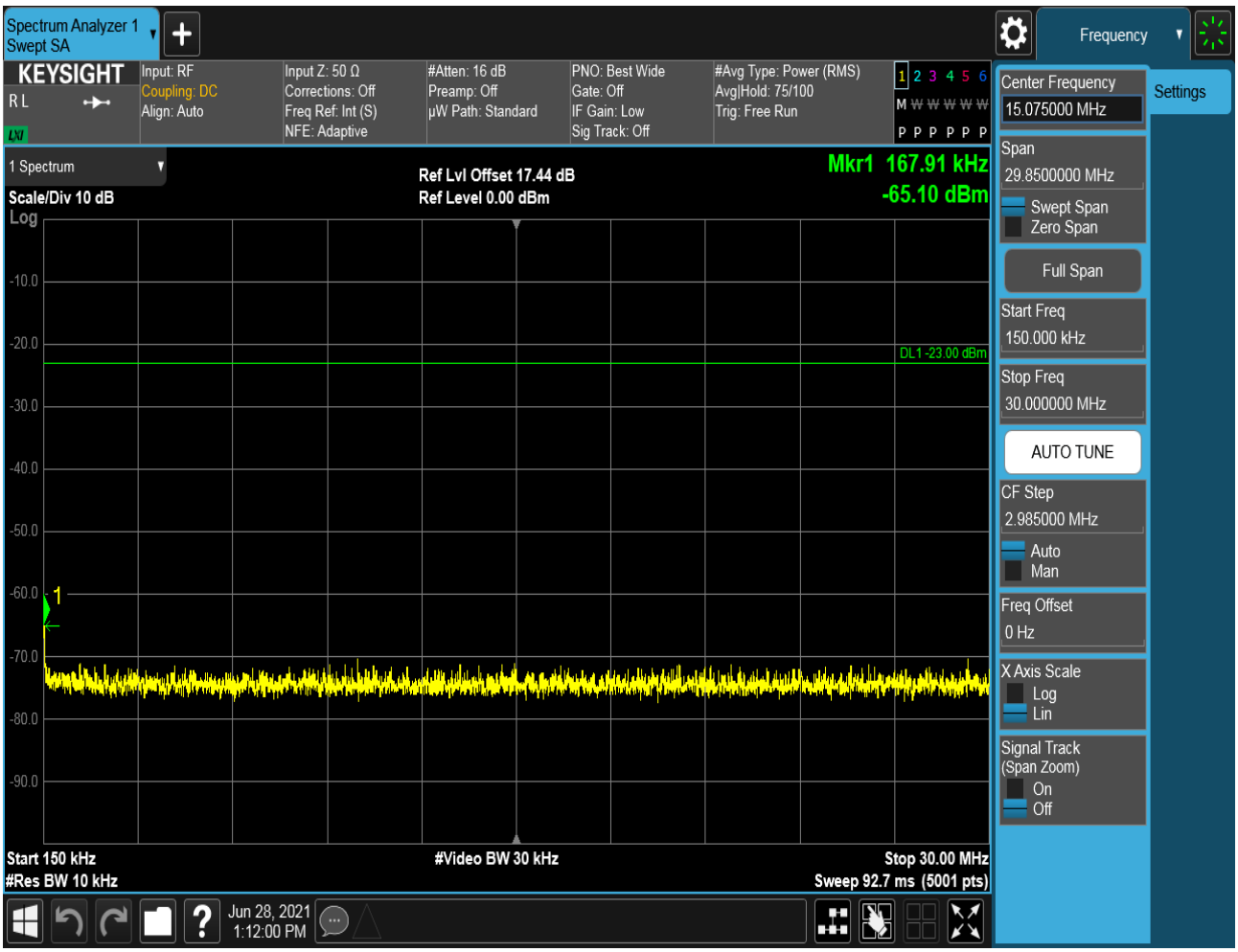
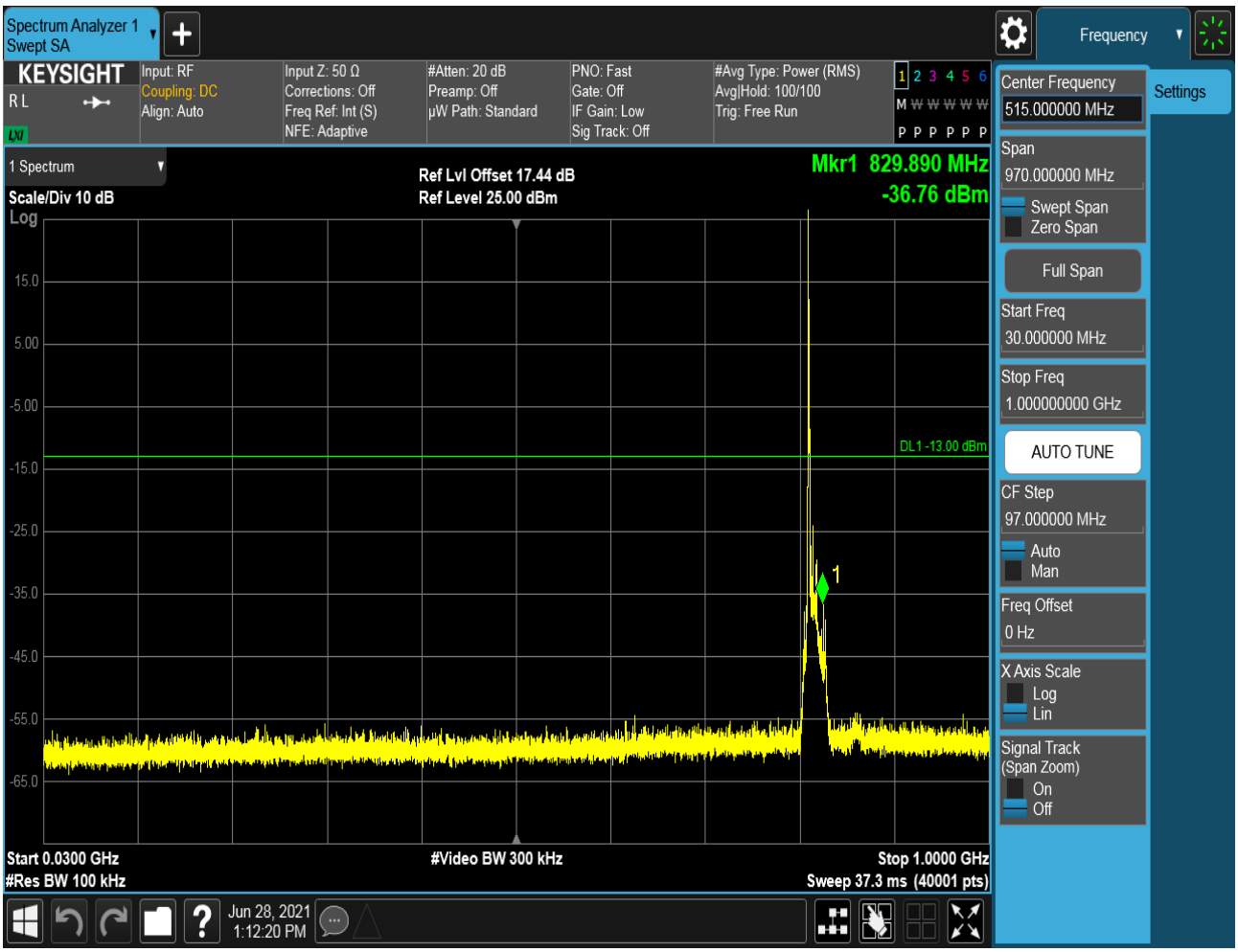

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 16 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 75/100
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 17.44 dB
Ref Level 0.00 dBm
Mkr1 167.91 kHz
-65.10 dBm
DL1 -23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#Video BW 30 kHz
Stop 30.00 MHz
Sweep 92.7 ms (5001 pts)
Jun 28, 2021
1:12:00 PM
Frequency
Settings
Center Frequency
15.075000 MHz
Span
29.8500000 MHz
Swept Span
Zero Span
Full Span
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
AUTO TUNE
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
On
Off



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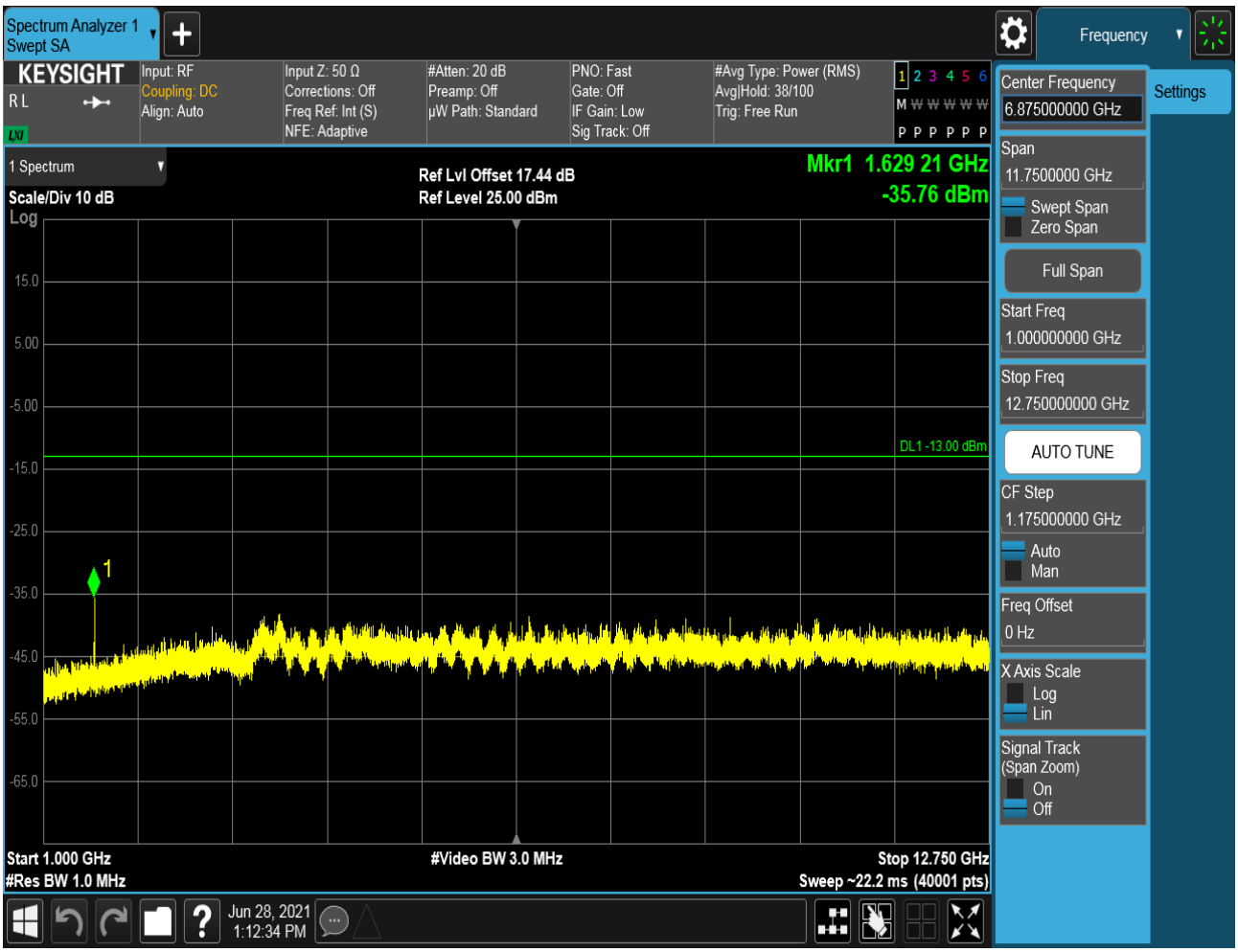

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7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.
Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

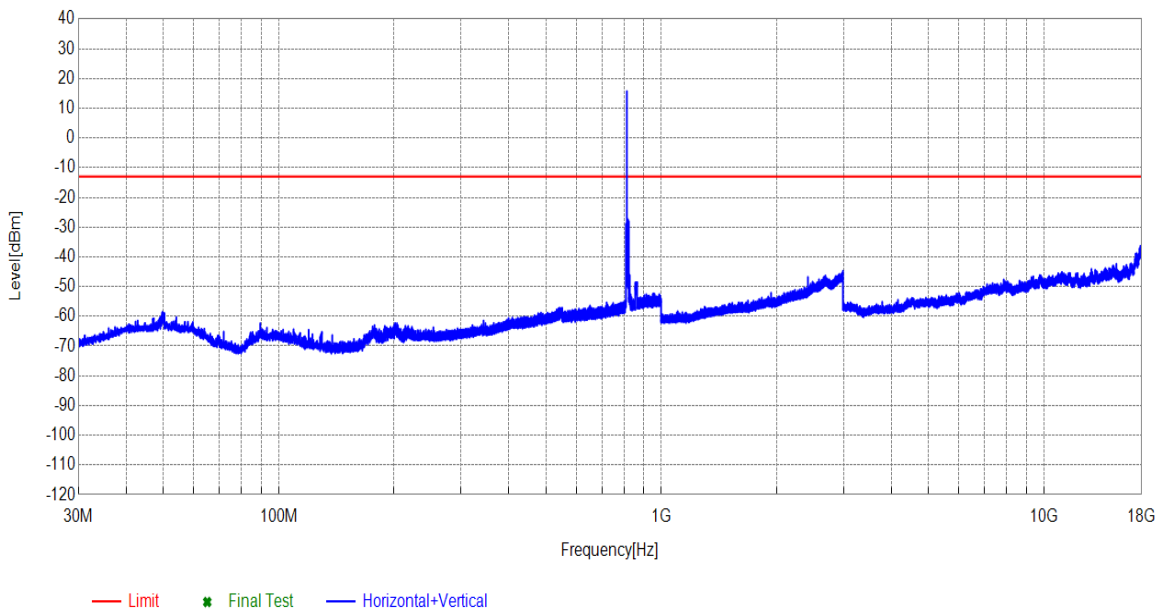
Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band26(814-824MHz)

7.1.1.1 Test Bandwidth = 1.4MHz

Worst case



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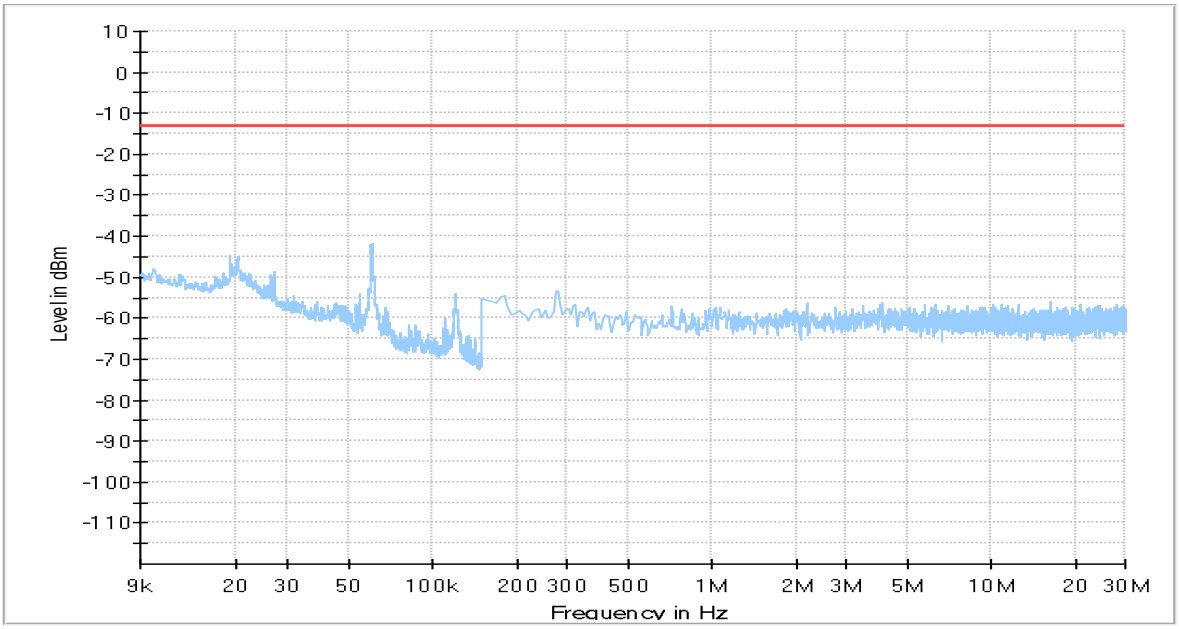
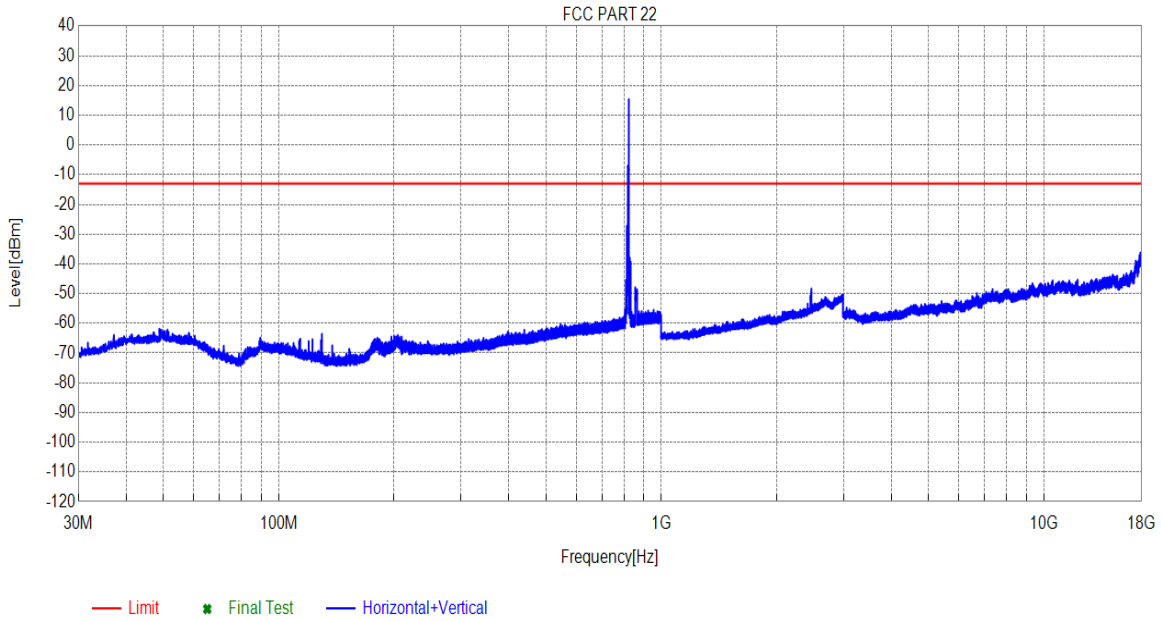
7.1.1.2 Test Bandwidth = 10MHz

Worst case





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8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band26(814-824 MHz)	LTE/TM1	1.4	LCH	TN	VL	-3.88869	-0.00477	PASS
					VN	-20.85957	-0.02560	PASS
					VH	-16.32400	-0.02004	PASS
			MCH	TN	VL	-7.92956	-0.00968	PASS
					VN	-6.83128	-0.00834	PASS
					VH	-10.79198	-0.01318	PASS
			HCH	TN	VL	-8.55262	-0.01039	PASS
					VN	-6.52449	-0.00792	PASS
					VH	-7.67511	-0.00932	PASS
		3	LCH	TN	VL	-5.89762	-0.00723	PASS
					VN	-8.61598	-0.01057	PASS
					VH	-7.27292	-0.00892	PASS
			MCH	TN	VL	-4.53221	-0.00553	PASS
					VN	-7.04784	-0.00861	PASS
					VH	-7.73014	-0.00944	PASS
			HCH	TN	VL	-3.64163	-0.00443	PASS
					VN	-8.28498	-0.01007	PASS
					VH	-7.82211	-0.00951	PASS
		5	LCH	TN	VL	-1.31292	-0.00161	PASS
					VN	-6.69570	-0.00820	PASS
					VH	-6.65071	-0.00815	PASS
			MCH	TN	VL	-3.26037	-0.00398	PASS
					VN	-3.85725	-0.00471	PASS
					VH	-8.17909	-0.00999	PASS
			HCH	TN	VL	-2.85936	-0.00348	PASS
					VN	-4.76892	-0.00581	PASS
					VH	-5.05666	-0.00616	PASS
		10	MCH	TN	VL	-8.66145	-0.01058	PASS
					VN	-7.08311	-0.00865	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-3.69686	-0.00451	PASS
	LTE/TM2	1.4	LCH	TN	VL	-5.15044	-0.00632	PASS
					VN	0.40069	0.00049	PASS
					VH	-3.33186	-0.00409	PASS
			MCH	TN	VL	-5.05215	-0.00617	PASS
					VN	-5.30827	-0.00648	PASS
					VH	-4.82774	-0.00589	PASS
			HCH	TN	VL	-7.57328	-0.00920	PASS
					VN	-3.52723	-0.00428	PASS
					VH	-4.25075	-0.00516	PASS
		3	LCH	TN	VL	-5.35018	-0.00656	PASS
					VN	-3.37177	-0.00413	PASS
					VH	-7.93155	-0.00973	PASS
			MCH	TN	VL	-5.28918	-0.00646	PASS
					VN	-8.92733	-0.01090	PASS
					VH	-8.10141	-0.00989	PASS
			HCH	TN	VL	-5.31314	-0.00646	PASS
					VN	-5.91641	-0.00719	PASS
					VH	-8.02549	-0.00976	PASS
		5	LCH	TN	VL	-5.43708	-0.00666	PASS
					VN	-2.14482	-0.00263	PASS
					VH	-7.01375	-0.00859	PASS
			MCH	TN	VL	-3.94533	-0.00482	PASS
					VN	-4.91748	-0.00600	PASS
					VH	-4.82038	-0.00589	PASS
			HCH	TN	VL	-7.00662	-0.00853	PASS
					VN	-6.77373	-0.00825	PASS
					VH	-5.49328	-0.00669	PASS
		10	MCH	TN	VL	-1.93553	-0.00236	PASS
					VN	-5.89413	-0.00720	PASS
					VH	-3.29619	-0.00402	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band26(	LTE/TM1	1.4	LCH	VN	-30	-15.96823	-0.01960	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
814-824 MHz)					-20	-15.92642	-0.01955	PASS
					-10	-20.08222	-0.02465	PASS
					0	-15.85019	-0.01946	PASS
					10	-17.38153	-0.02133	PASS
					20	-20.85957	-0.02560	PASS
					30	-16.26331	-0.01996	PASS
					40	-16.91528	-0.02076	PASS
					50	-20.55895	-0.02523	PASS
			MCH	VN	-30	-8.13101	-0.00993	PASS
					-20	-5.59326	-0.00683	PASS
					-10	-8.99460	-0.01098	PASS
					0	-7.64996	-0.00934	PASS
					10	-4.88407	-0.00596	PASS
					20	-6.83128	-0.00834	PASS
					30	-7.62227	-0.00931	PASS
					40	-4.40555	-0.00538	PASS
					50	-7.19503	-0.00879	PASS
			HCH	VN	-30	-4.53882	-0.00551	PASS
					-20	-6.09398	-0.00740	PASS
					-10	-6.66768	-0.00810	PASS
					0	-5.34874	-0.00650	PASS
					10	-5.86112	-0.00712	PASS
					20	-6.52449	-0.00792	PASS
					30	-7.49701	-0.00911	PASS
					40	-8.76812	-0.01065	PASS
					50	-6.76115	-0.00821	PASS
		3	LCH	VN	-30	-10.79753	-0.01324	PASS
					-20	-9.87491	-0.01211	PASS
					-10	-8.87756	-0.01089	PASS
					0	-7.12472	-0.00874	PASS
					10	-7.08897	-0.00869	PASS
					20	-8.61598	-0.01057	PASS
					30	-7.87579	-0.00966	PASS
					40	-10.68572	-0.01310	PASS
					50	-6.70480	-0.00822	PASS
			MCH	VN	-30	-2.45836	-0.00300	PASS
					-20	-8.91226	-0.01088	PASS
					-10	-6.62494	-0.00809	PASS
					0	-7.21368	-0.00881	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-9.63424	-0.01176	PASS
					20	-7.04784	-0.00861	PASS
					30	-8.07931	-0.00986	PASS
					40	-3.61264	-0.00441	PASS
					50	-1.81208	-0.00221	PASS
			HCH	VN	-30	-4.58855	-0.00558	PASS
					-20	-9.71103	-0.01181	PASS
					-10	-3.03935	-0.00370	PASS
					0	-9.96923	-0.01212	PASS
					10	-4.86834	-0.00592	PASS
					20	-8.28498	-0.01007	PASS
					30	-6.12219	-0.00744	PASS
					40	-6.57092	-0.00799	PASS
					50	-3.33199	-0.00405	PASS
		5	LCH	VN	-30	-1.87794	-0.00230	PASS
					-20	-5.89131	-0.00722	PASS
					-10	-5.58514	-0.00684	PASS
					0	-6.55023	-0.00802	PASS
					10	-3.06540	-0.00375	PASS
					20	-6.69570	-0.00820	PASS
					30	-5.14095	-0.00630	PASS
					40	-6.60472	-0.00809	PASS
					50	-7.41377	-0.00908	PASS
			MCH	VN	-30	-5.36660	-0.00655	PASS
					-20	-8.09160	-0.00988	PASS
					-10	-7.07183	-0.00863	PASS
					0	-7.69282	-0.00939	PASS
					10	-3.75662	-0.00459	PASS
					20	-3.85725	-0.00471	PASS
					30	-2.18674	-0.00267	PASS
					40	-3.60388	-0.00440	PASS
					50	-6.96085	-0.00850	PASS
			HCH	VN	-30	-5.75547	-0.00701	PASS
					-20	-2.37966	-0.00290	PASS
					-10	-6.76893	-0.00824	PASS
					0	-6.04770	-0.00736	PASS
					10	-5.71607	-0.00696	PASS
					20	-4.76892	-0.00581	PASS
					30	-5.37603	-0.00654	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-6.57182	-0.00800	PASS
					50	-6.43517	-0.00783	PASS
		10	MCH	VN	-30	-4.36385	-0.00533	PASS
					-20	-2.31456	-0.00283	PASS
					-10	-6.76086	-0.00826	PASS
					0	-11.20461	-0.01368	PASS
					10	-6.19956	-0.00757	PASS
					20	-7.08311	-0.00865	PASS
					30	-2.57436	-0.00314	PASS
					40	-6.54069	-0.00799	PASS
					50	-4.35701	-0.00532	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.51305	-0.00063	PASS
					-20	1.09914	0.00135	PASS
					-10	-3.99873	-0.00491	PASS
					0	-2.56704	-0.00315	PASS
					10	-4.05486	-0.00498	PASS
					20	0.40069	0.00049	PASS
					30	-1.08208	-0.00133	PASS
					40	-4.70475	-0.00577	PASS
					50	0.38308	0.00047	PASS
			MCH	VN	-30	-6.14038	-0.00750	PASS
					-20	-3.00977	-0.00367	PASS
					-10	-5.25880	-0.00642	PASS
					0	-4.72595	-0.00577	PASS
					10	-4.40097	-0.00537	PASS
					20	-5.30827	-0.00648	PASS
					30	-3.92056	-0.00479	PASS
					40	-7.12994	-0.00871	PASS
					50	-4.92691	-0.00602	PASS
			HCH	VN	-30	-4.49213	-0.00546	PASS
					-20	-6.16510	-0.00749	PASS
					-10	-1.35541	-0.00165	PASS
					0	-1.60766	-0.00195	PASS
					10	-7.66358	-0.00931	PASS
					20	-3.52723	-0.00428	PASS
					30	-5.02758	-0.00611	PASS
					40	-5.53927	-0.00673	PASS
					50	-2.77322	-0.00337	PASS
		3	LCH	VN	-30	-7.20169	-0.00883	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-4.26613	-0.00523	PASS
					-10	-4.06015	-0.00498	PASS
					0	-5.32345	-0.00653	PASS
					10	-4.24812	-0.00521	PASS
					20	-3.37177	-0.00413	PASS
					30	-3.90105	-0.00478	PASS
					40	-5.60808	-0.00688	PASS
					50	-4.35312	-0.00534	PASS
			MCH	VN	-30	-4.29074	-0.00524	PASS
					-20	0.64371	0.00079	PASS
					-10	-2.92766	-0.00357	PASS
					0	-3.82618	-0.00467	PASS
					10	-6.46290	-0.00789	PASS
					20	-8.92733	-0.01090	PASS
					30	-5.21898	-0.00637	PASS
					40	-4.05791	-0.00495	PASS
					50	-5.72081	-0.00699	PASS
			HCH	VN	-30	-6.09509	-0.00741	PASS
					-20	-6.08010	-0.00739	PASS
					-10	-2.57140	-0.00313	PASS
					0	-4.08552	-0.00497	PASS
					10	-6.86647	-0.00835	PASS
					20	-5.91641	-0.00719	PASS
					30	-7.63974	-0.00929	PASS
					40	-3.41980	-0.00416	PASS
					50	-7.11145	-0.00865	PASS
		5	LCH	VN	-30	-5.91965	-0.00725	PASS
					-20	-2.91899	-0.00358	PASS
					-10	-5.35556	-0.00656	PASS
					0	-4.75681	-0.00583	PASS
					10	-10.08736	-0.01235	PASS
					20	-2.14482	-0.00263	PASS
					30	-2.56179	-0.00314	PASS
					40	-6.35638	-0.00778	PASS
					50	-7.22092	-0.00884	PASS
			MCH	VN	-30	-2.87572	-0.00351	PASS
					-20	-4.60201	-0.00562	PASS
					-10	0.69446	0.00085	PASS
					0	-8.08531	-0.00987	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.33529	-0.00163	PASS
					20	-4.91748	-0.00600	PASS
					30	-5.04028	-0.00615	PASS
					40	-5.50755	-0.00672	PASS
					50	-4.32525	-0.00528	PASS
			HCH	VN	-30	-3.87335	-0.00471	PASS
					-20	-3.27867	-0.00399	PASS
					-10	-7.25673	-0.00883	PASS
					0	-4.84790	-0.00590	PASS
					10	-3.72577	-0.00454	PASS
					20	-6.77373	-0.00825	PASS
					30	-10.14090	-0.01234	PASS
					40	-5.11641	-0.00623	PASS
					50	-5.69937	-0.00694	PASS
		10	MCH	VN	-30	-1.40096	-0.00171	PASS
					-20	-4.07710	-0.00498	PASS
					-10	-7.61883	-0.00930	PASS
					0	-6.05541	-0.00739	PASS
					10	-6.56120	-0.00801	PASS
					20	-5.89413	-0.00720	PASS
					30	-3.12522	-0.00382	PASS
					40	-3.73591	-0.00456	PASS
					50	-5.55477	-0.00678	PASS

END

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