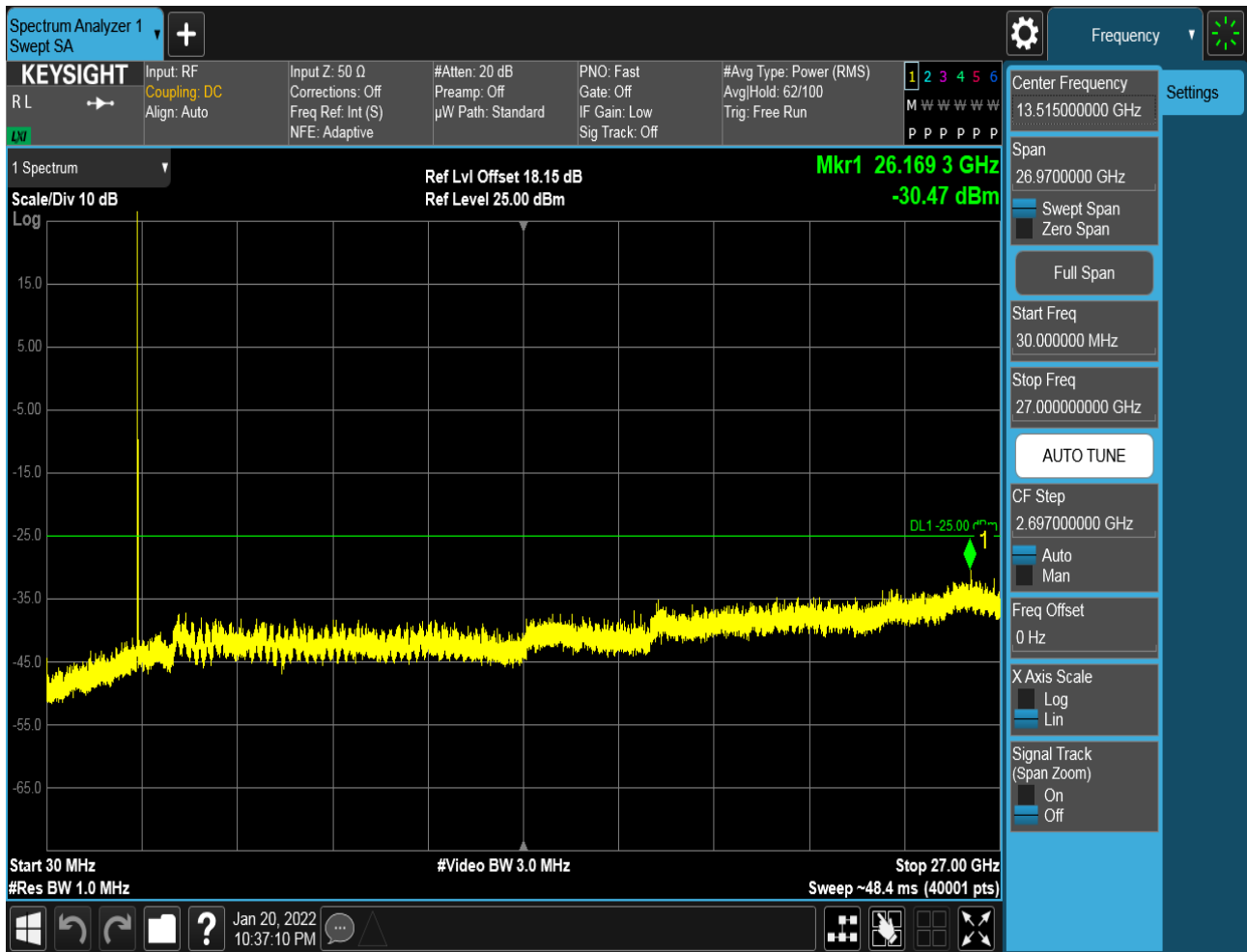
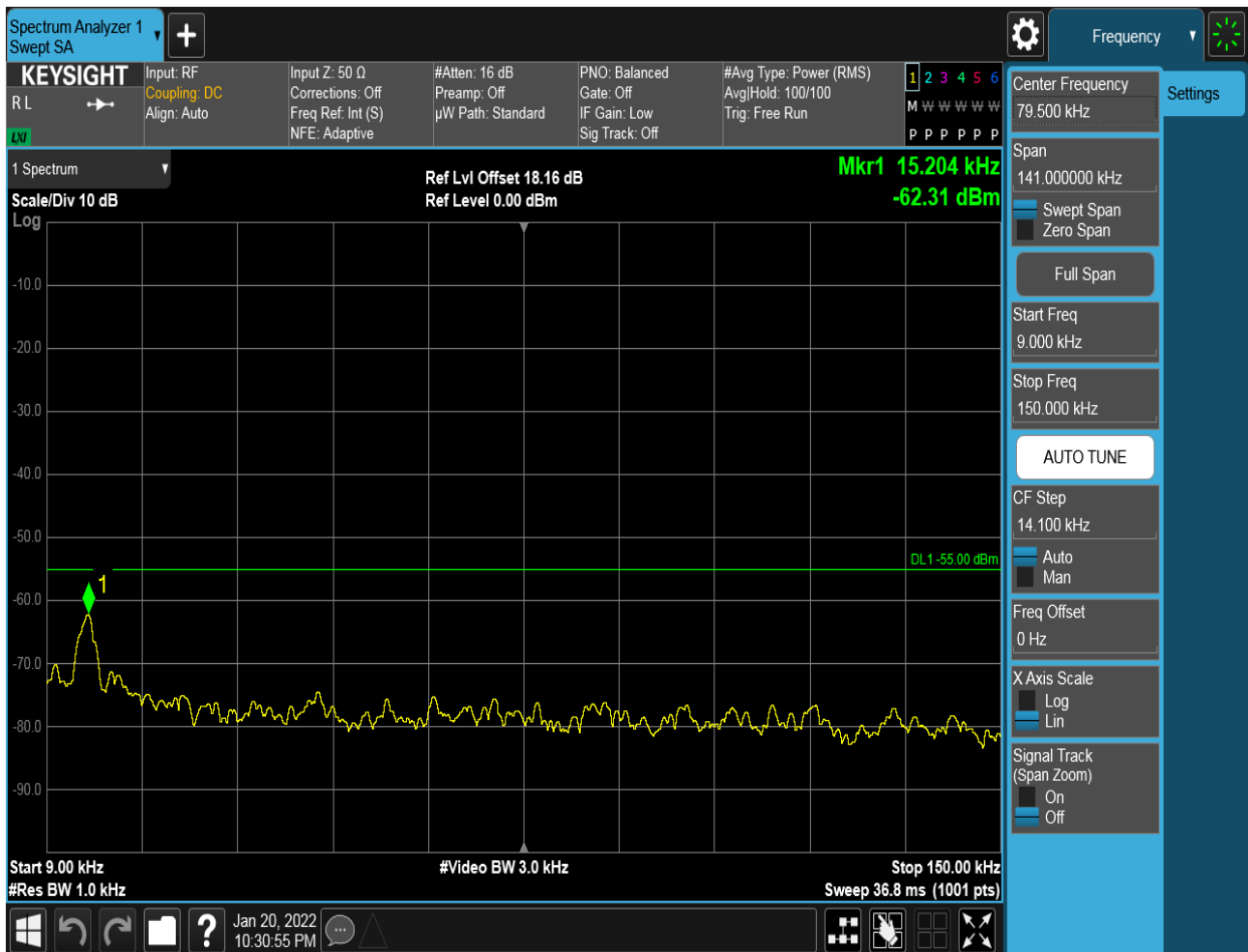


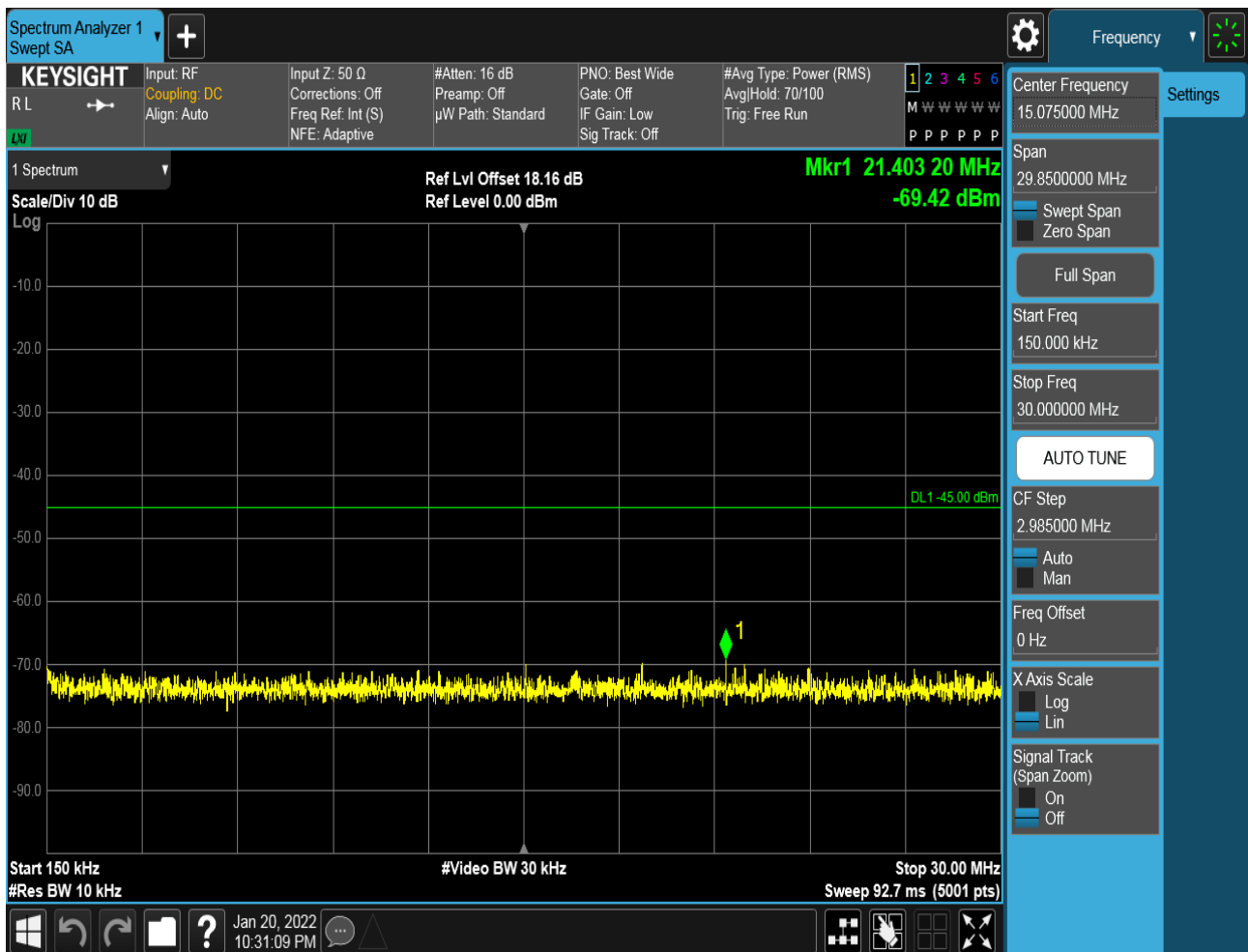


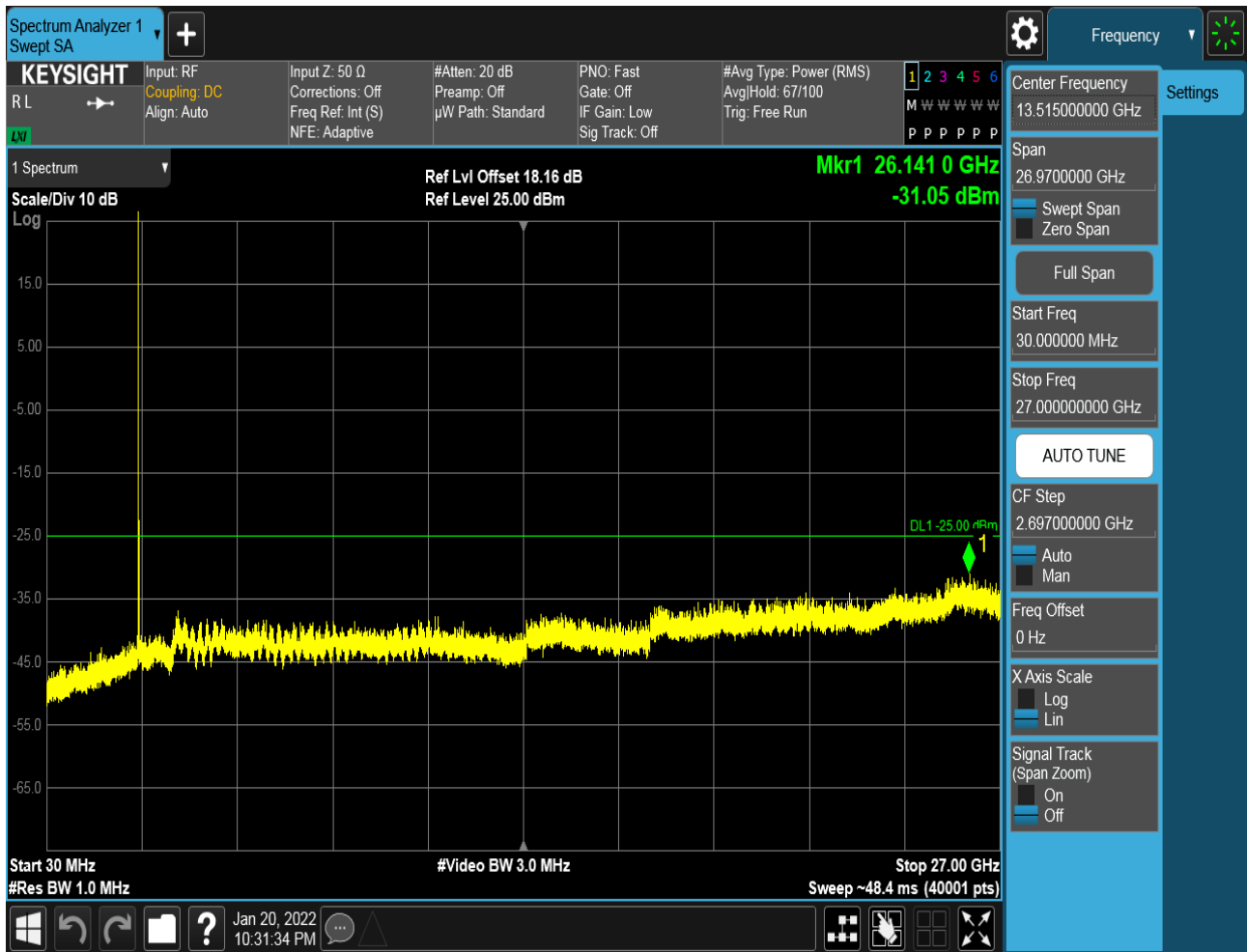


## 6.2.1.2.1.3 Test Channel = HCH

## 6.2.1.2.1.3.1 Test RB = RB1#0



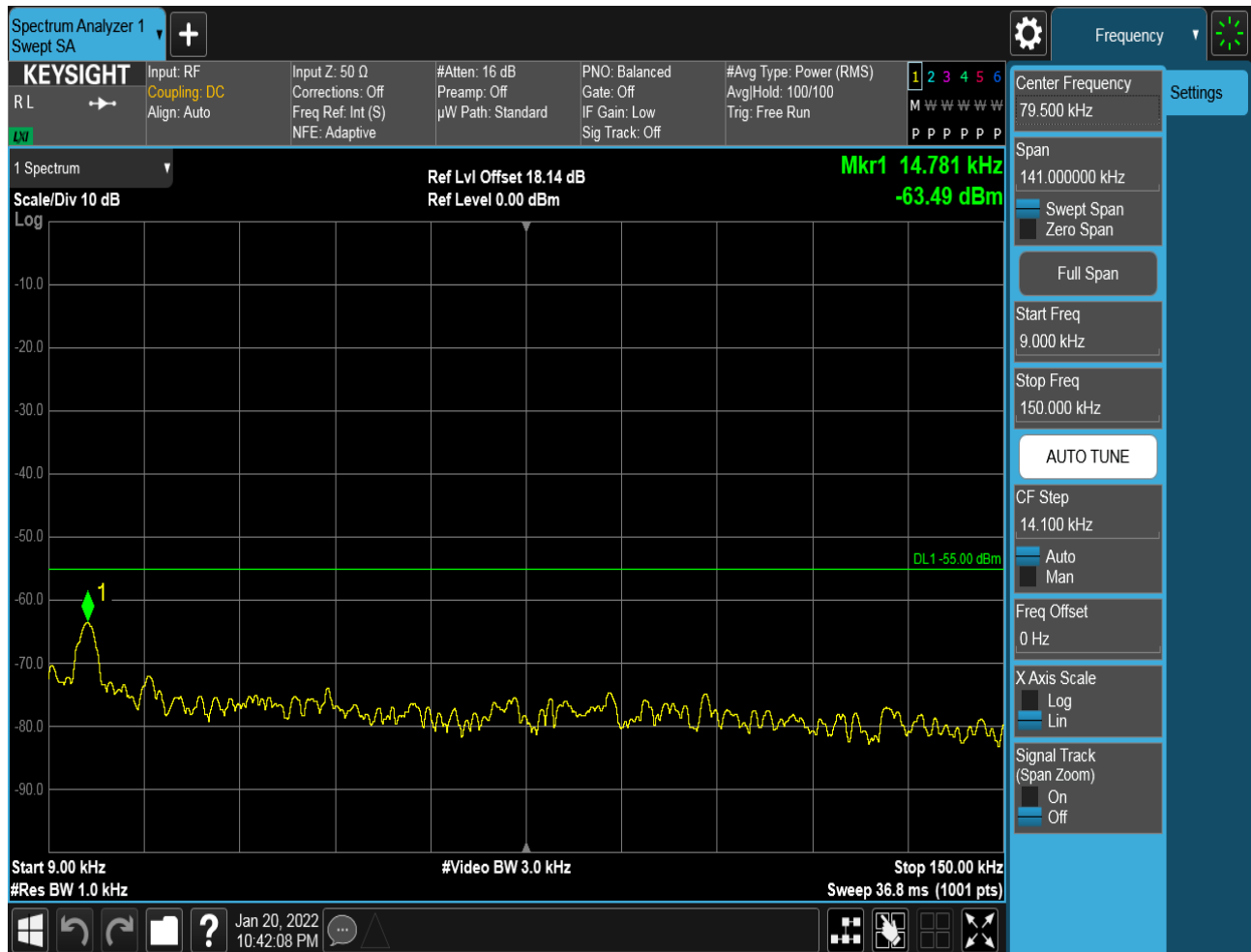


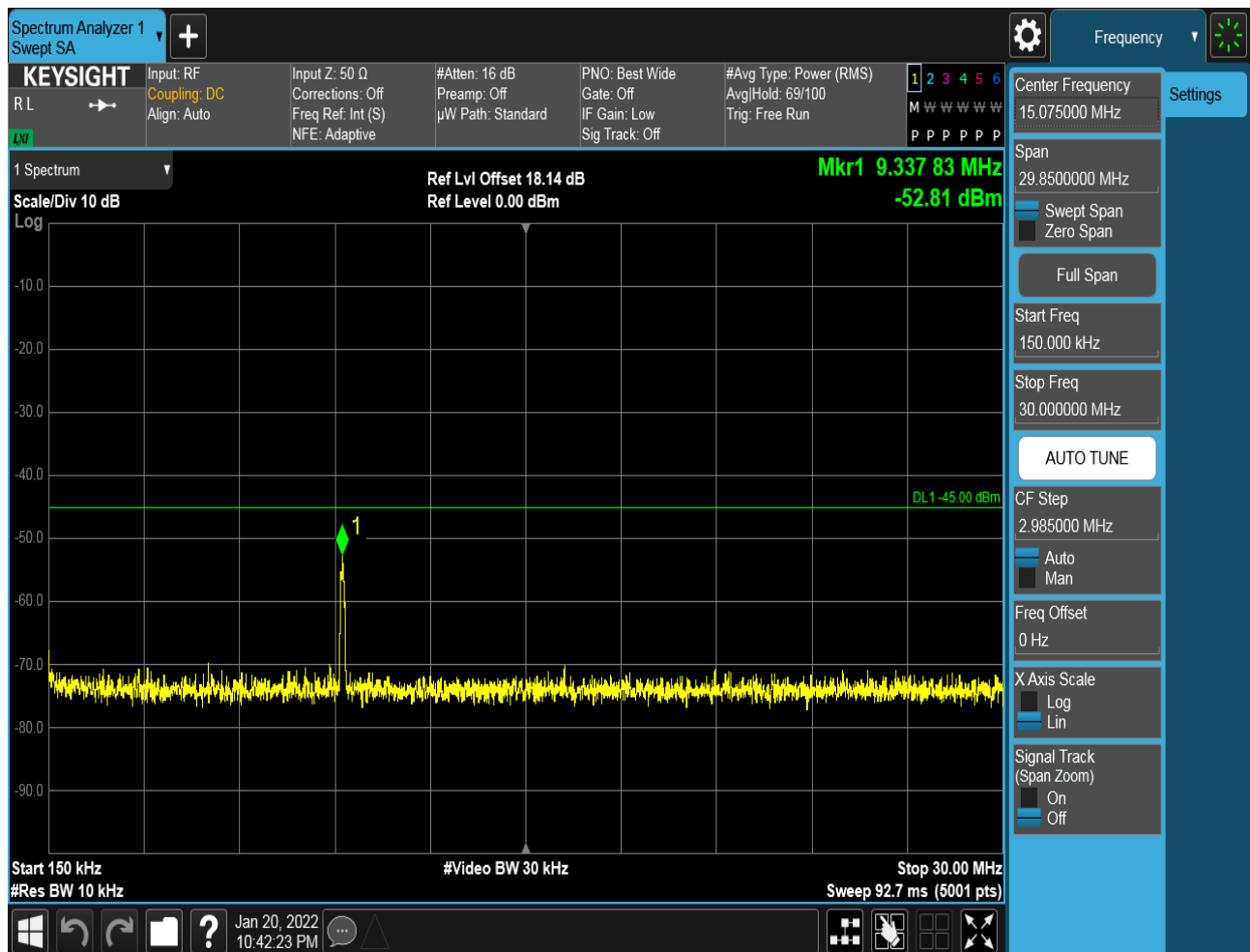


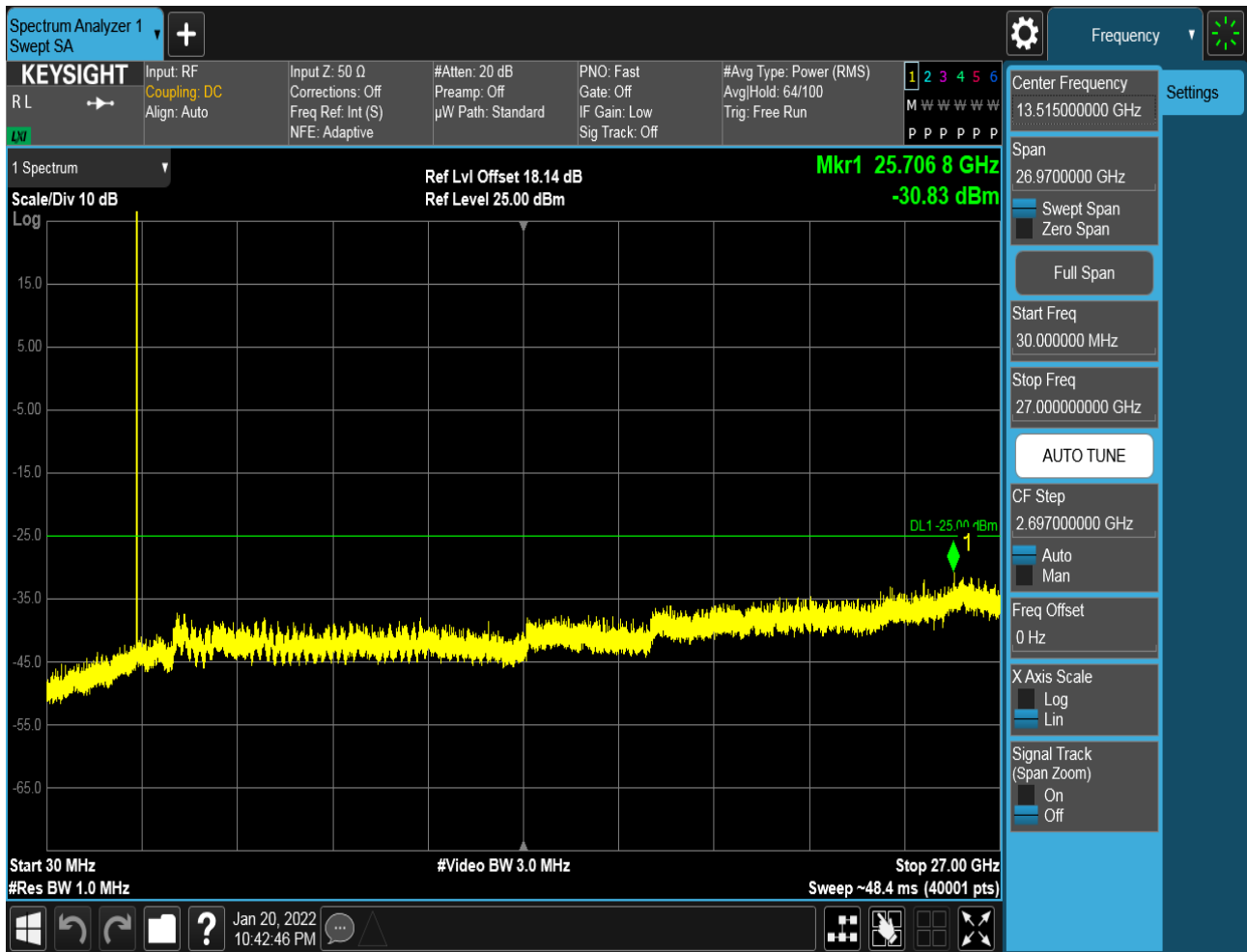
### 6.2.1.2.2 Test Bandwidth = 10MHz

#### 6.2.1.2.2.1 Test Channel = LCH

##### 6.2.1.2.2.1.1 Test RB = RB1#0



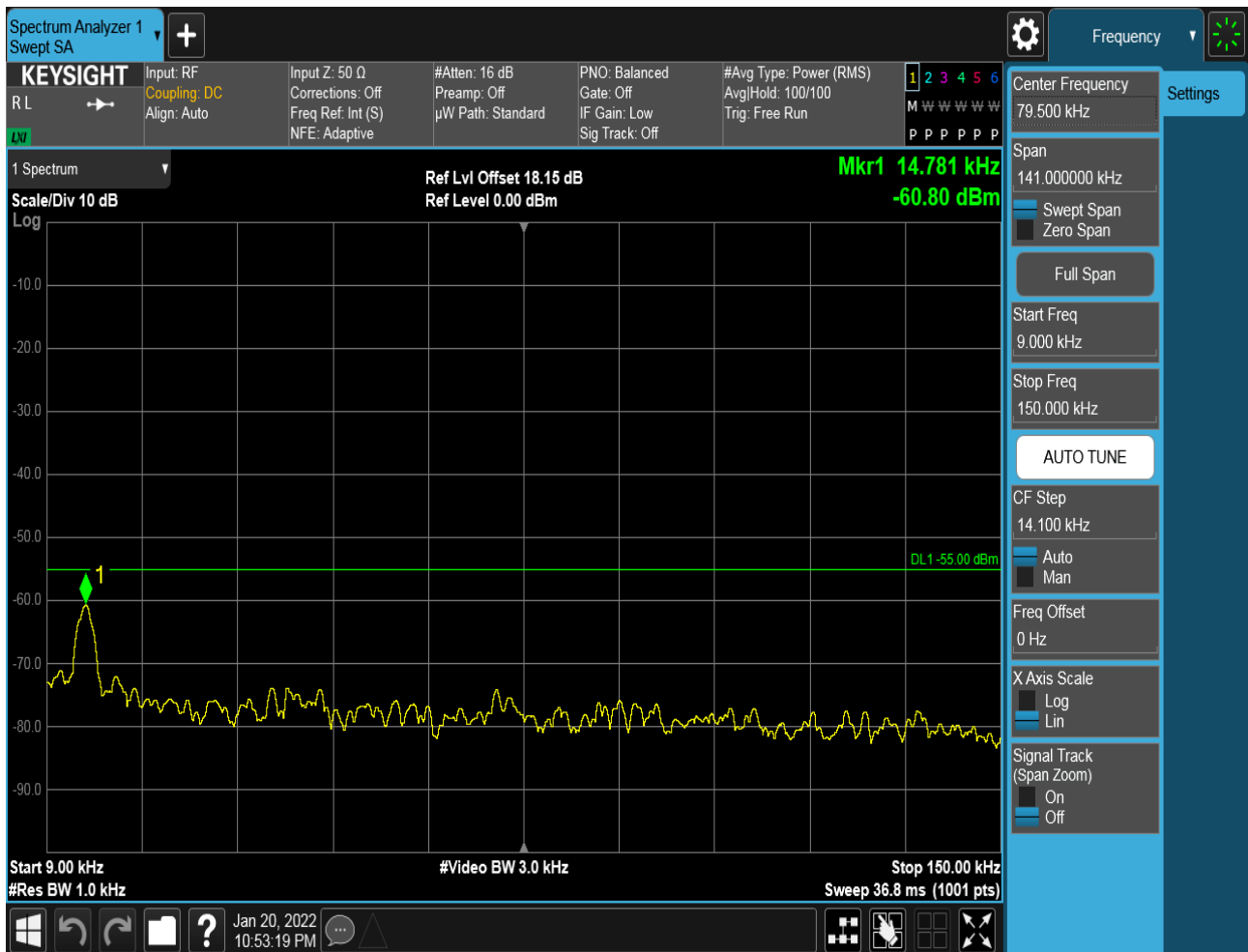


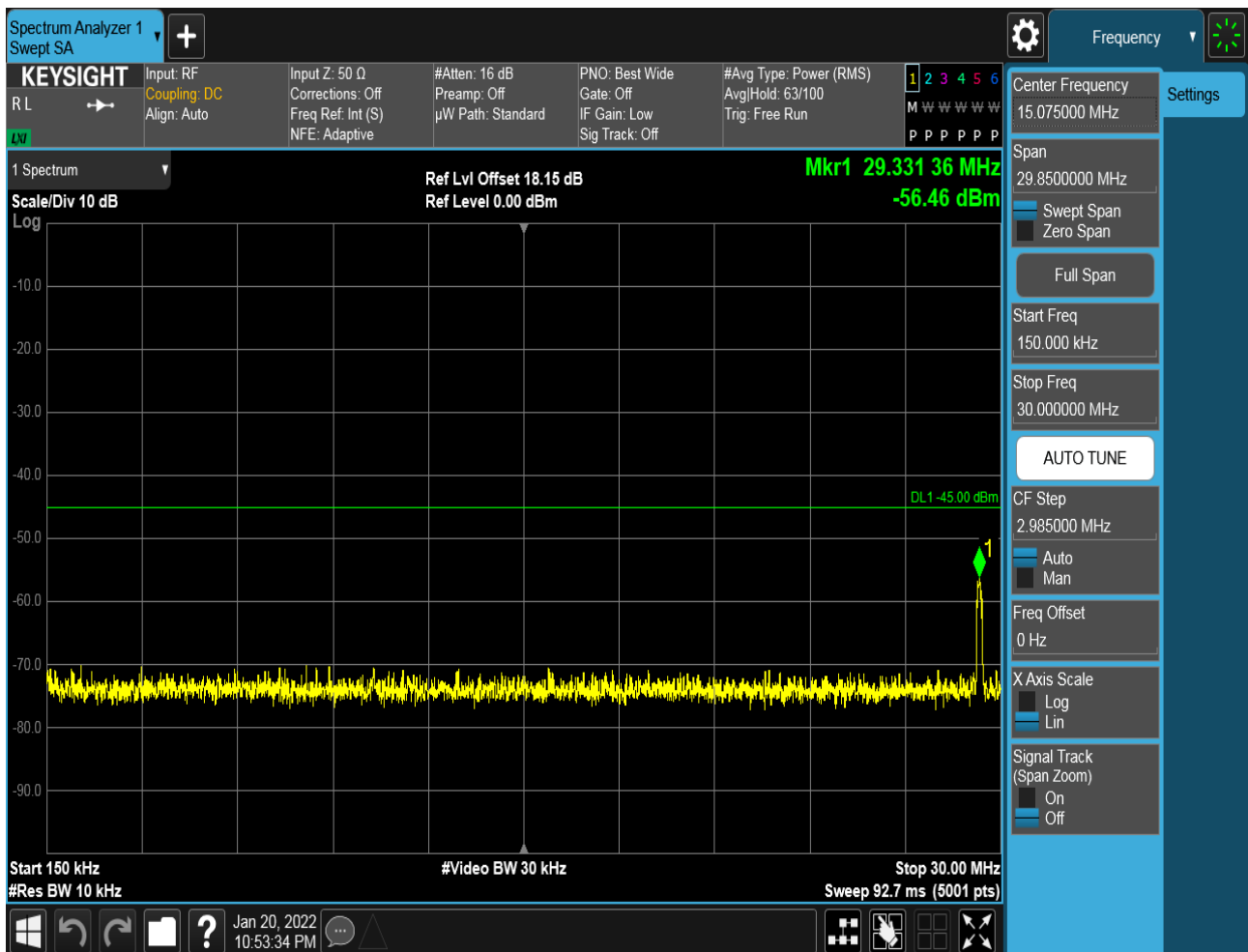


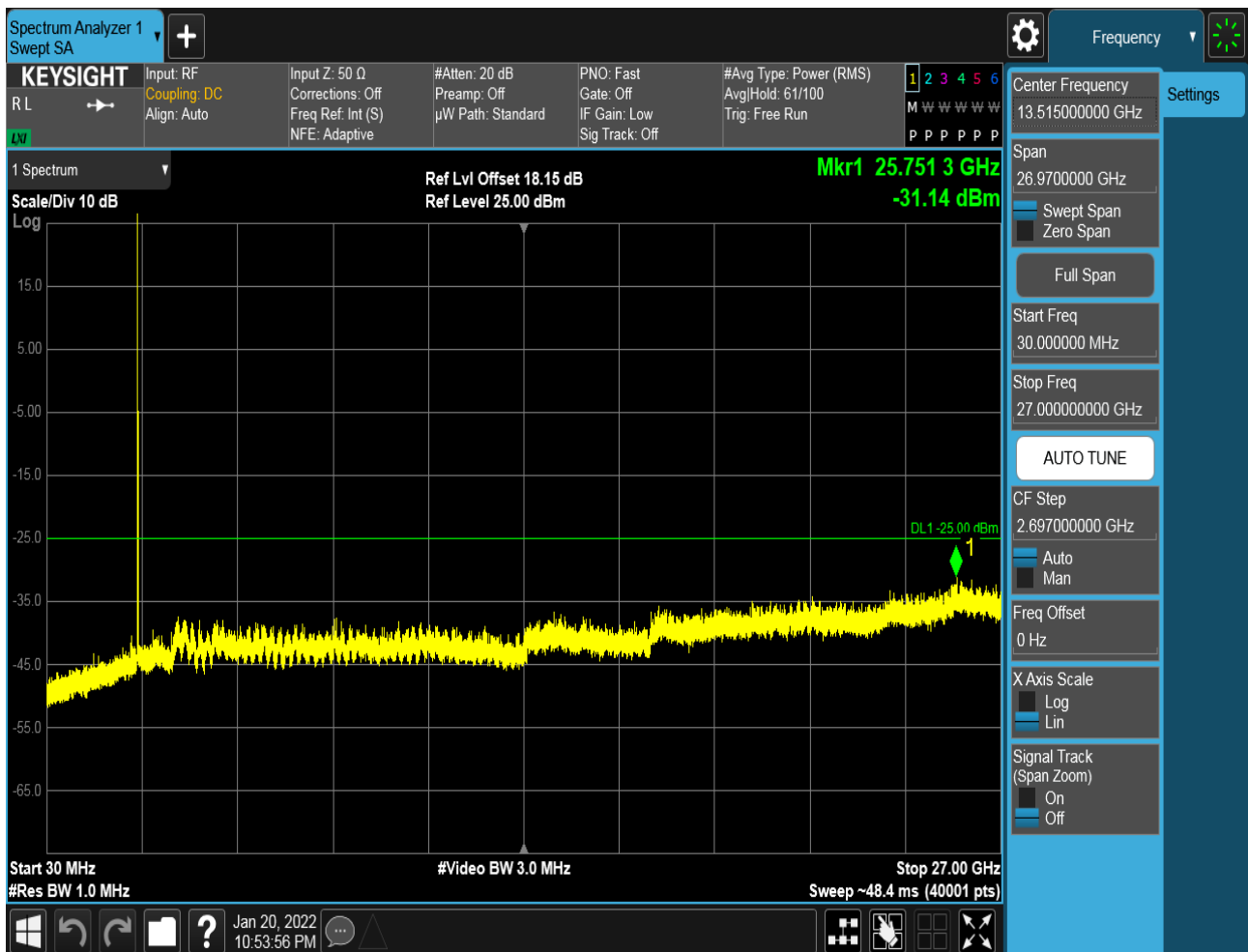


## 6.2.1.2.2.2 Test Channel = MCH

## 6.2.1.2.2.2.1 Test RB = RB1#0



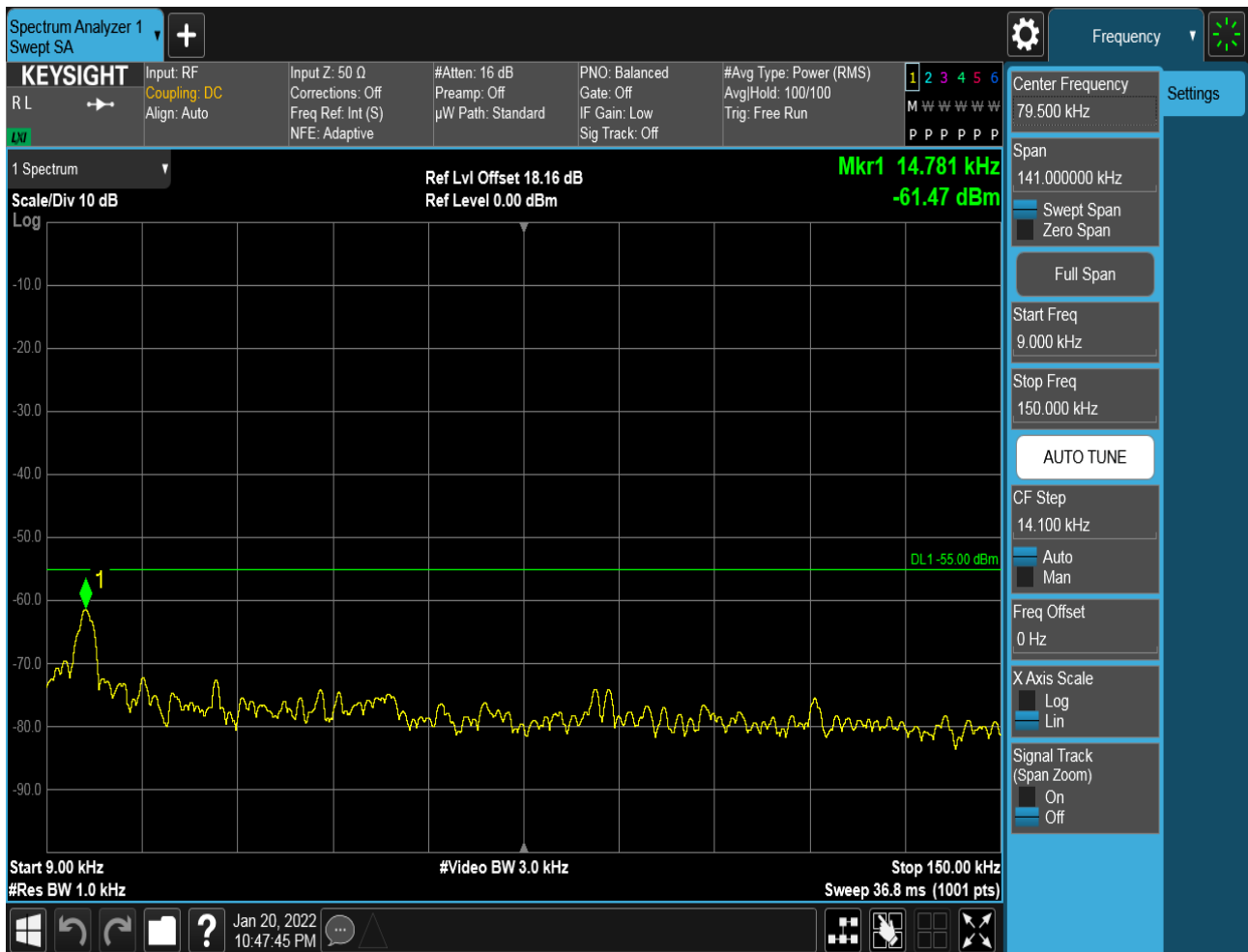


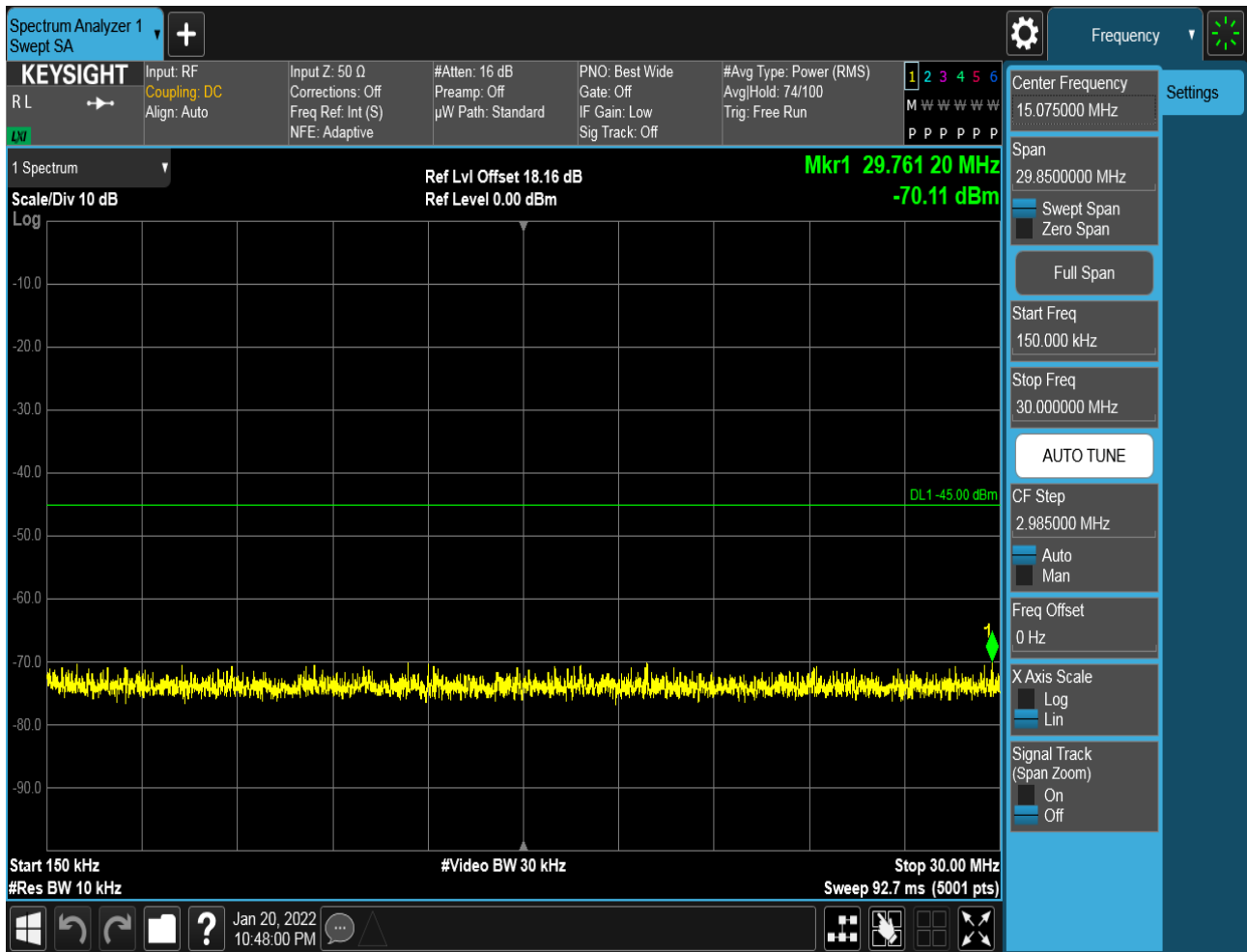


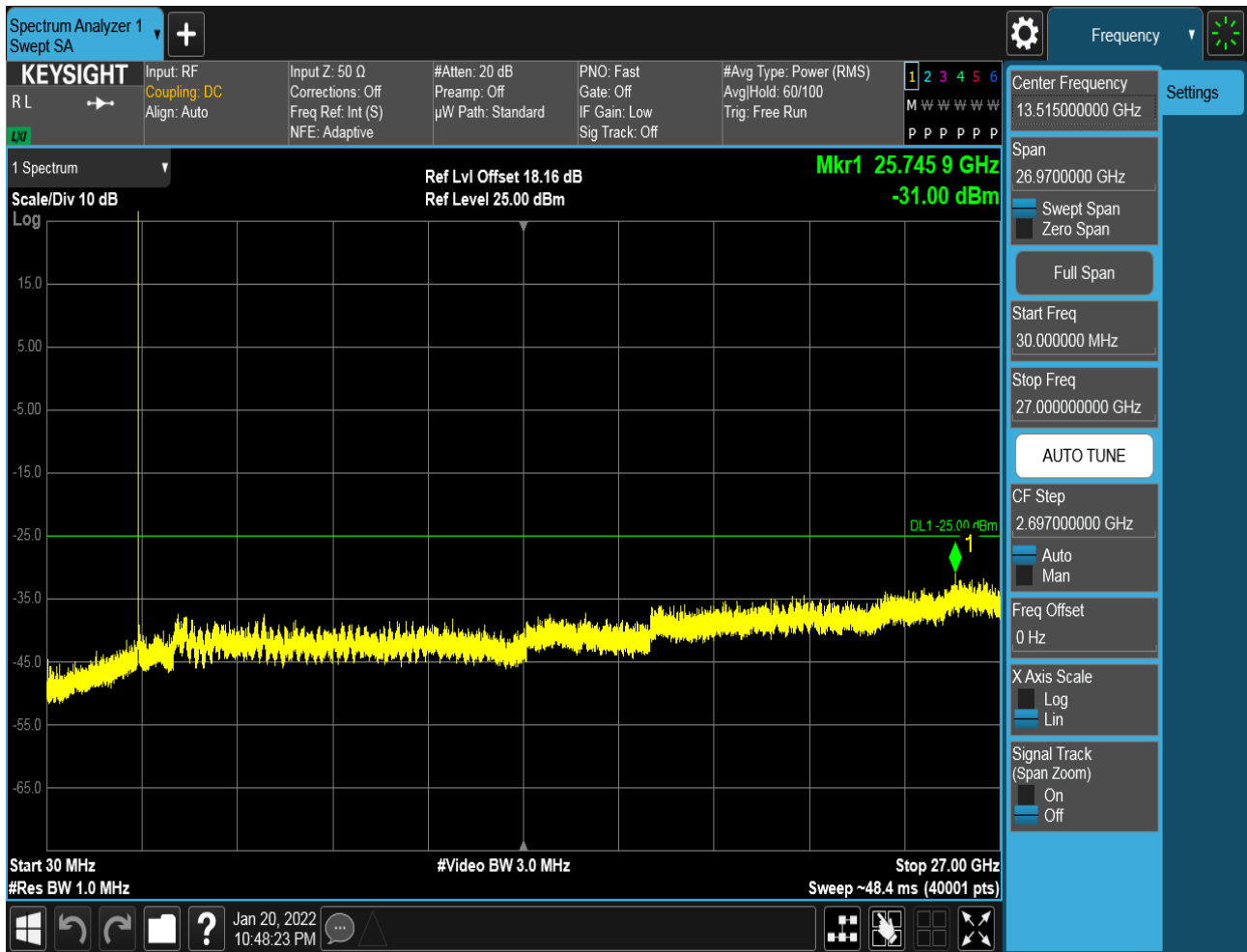


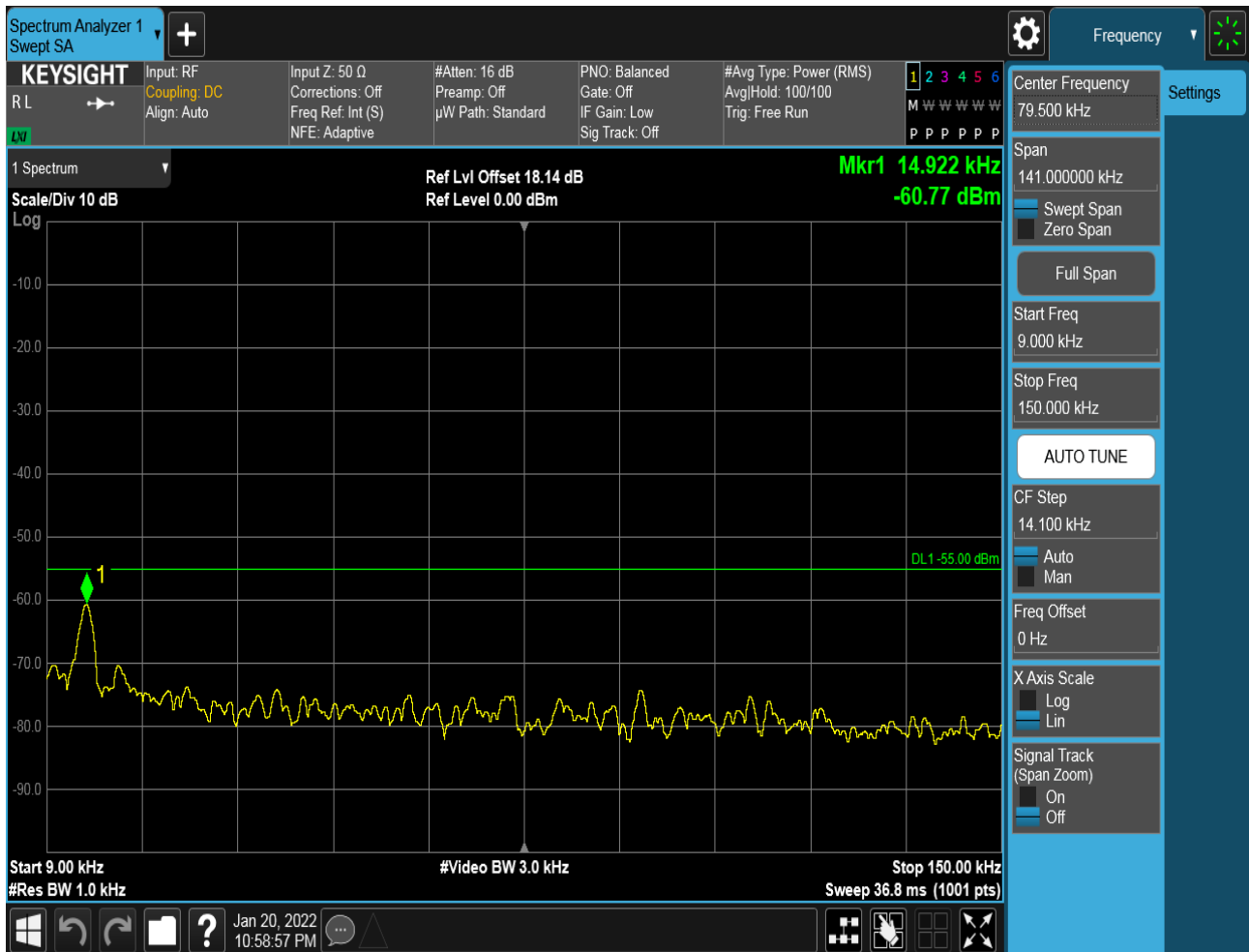
## 6.2.1.2.2.3 Test Channel = HCH

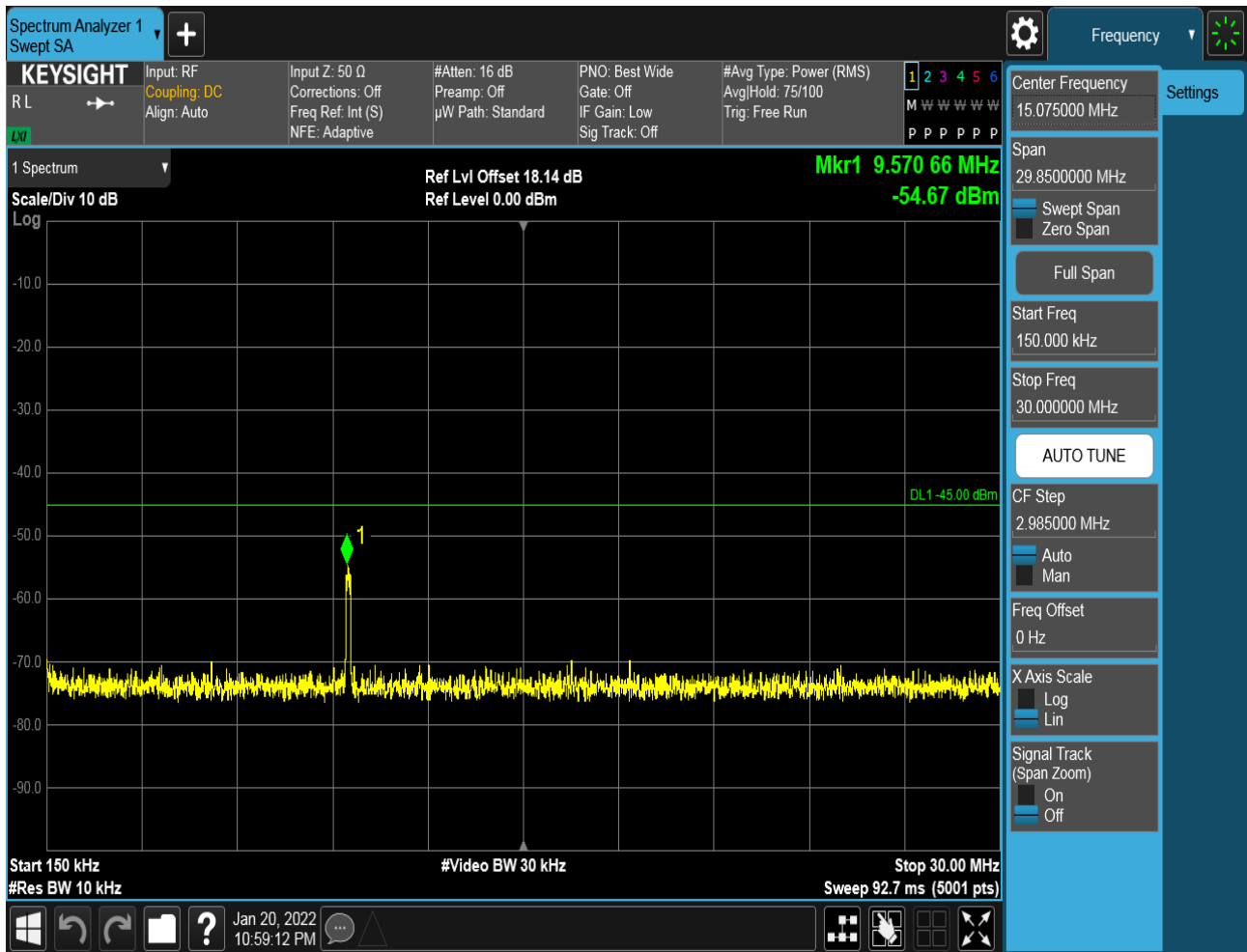
## 6.2.1.2.2.3.1 Test RB = RB1#0

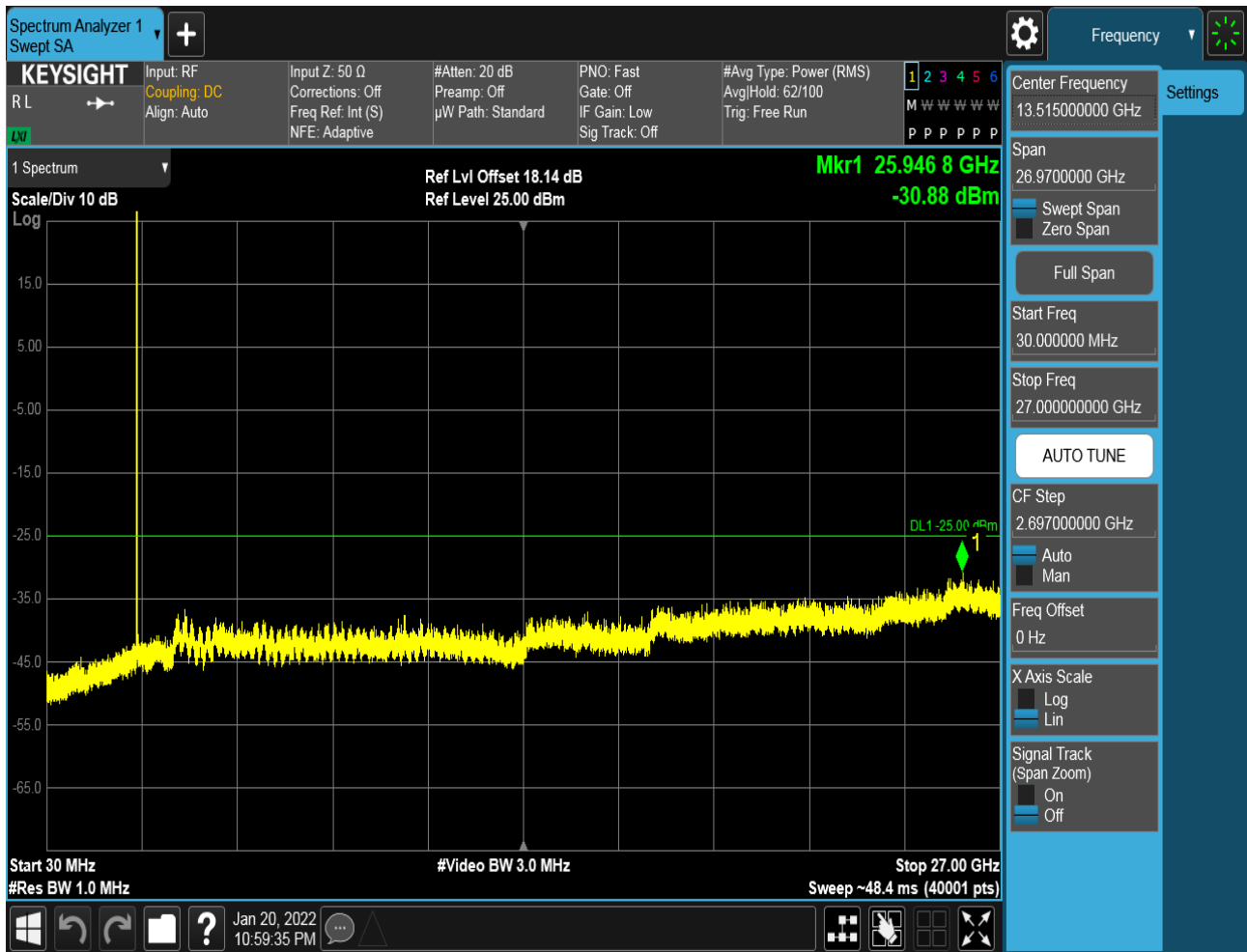






**6.2.1.2.3 Test Bandwidth = 15MHz****6.2.1.2.3.1 Test Channel = LCH****6.2.1.2.3.1.1 Test RB = RB1#0**

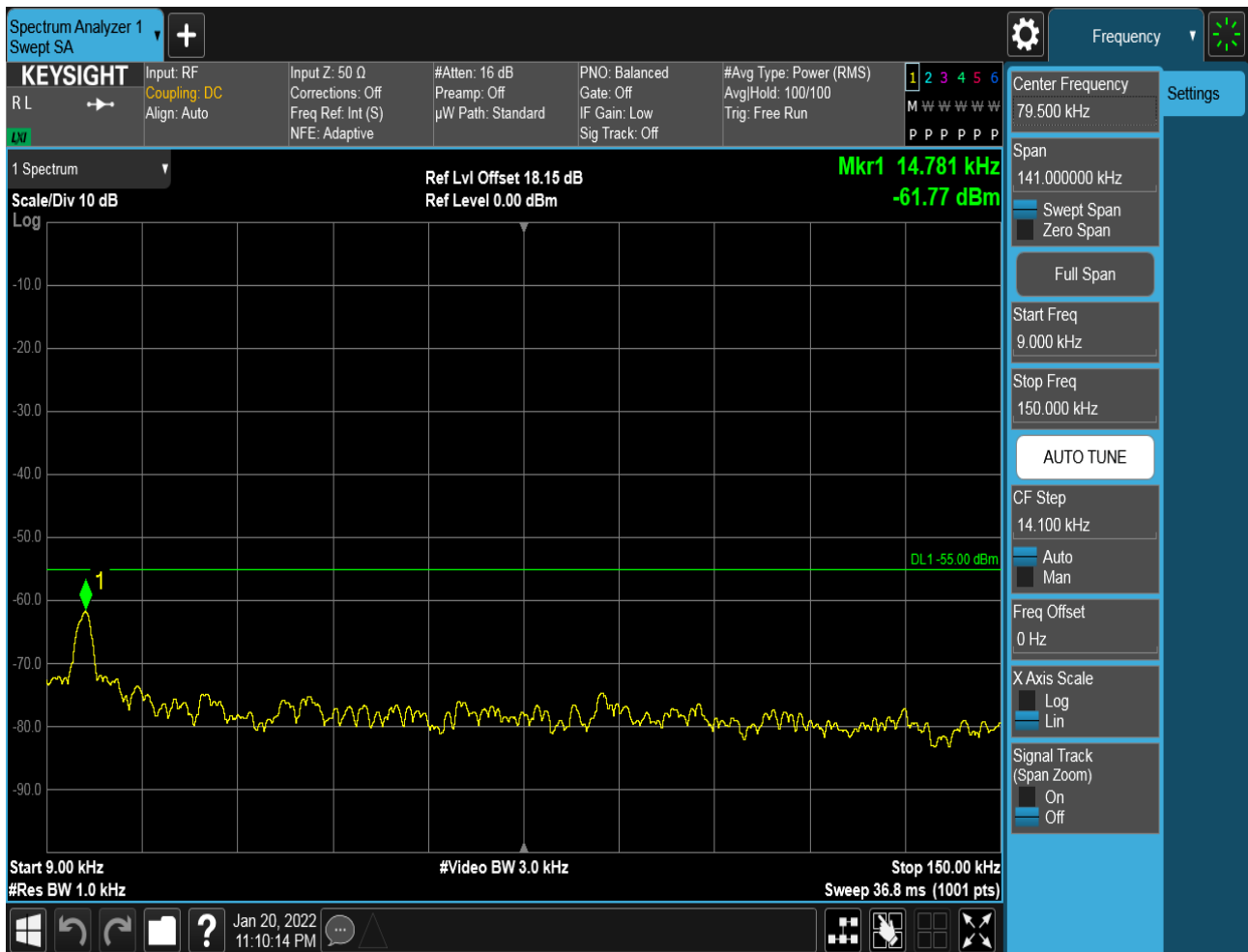


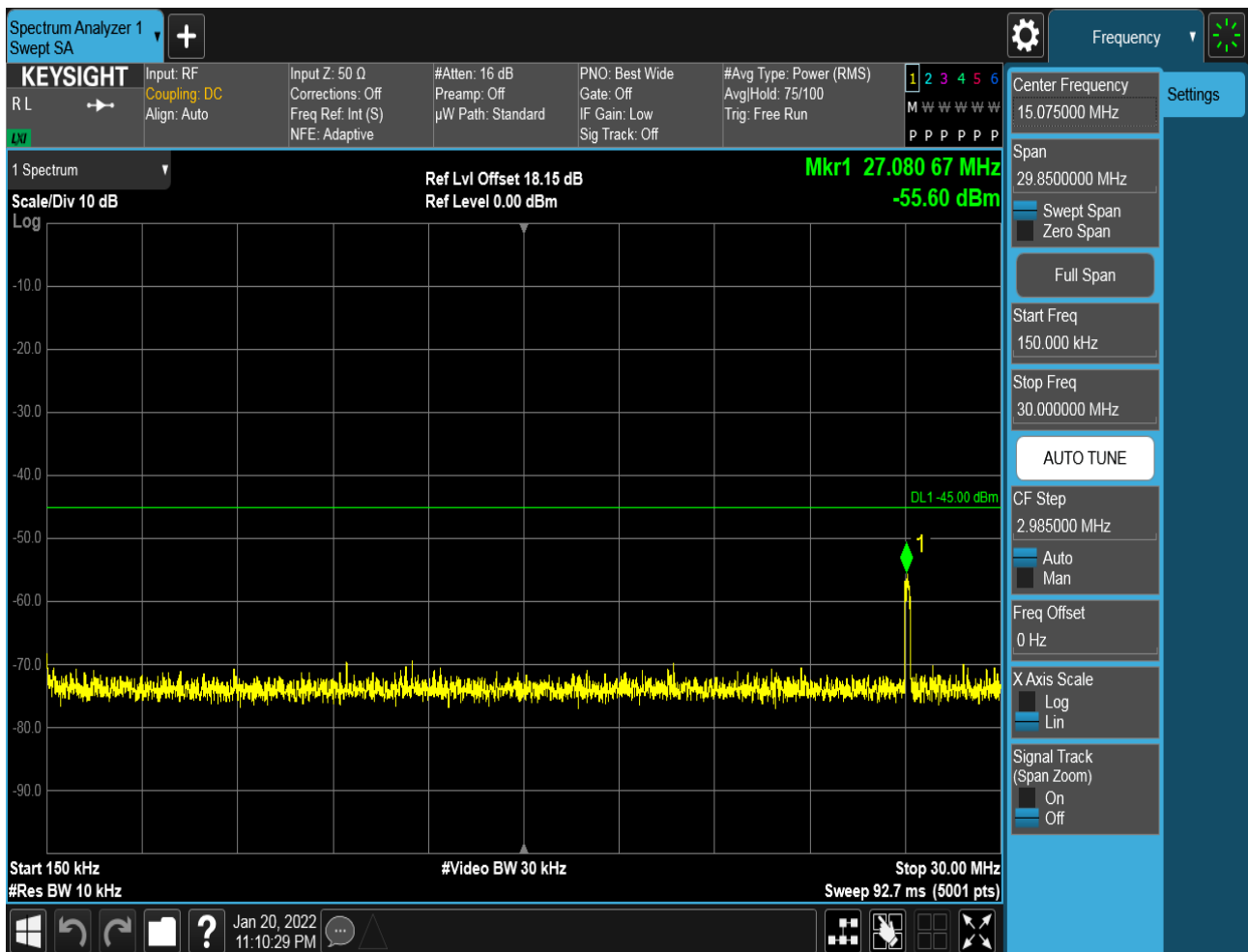


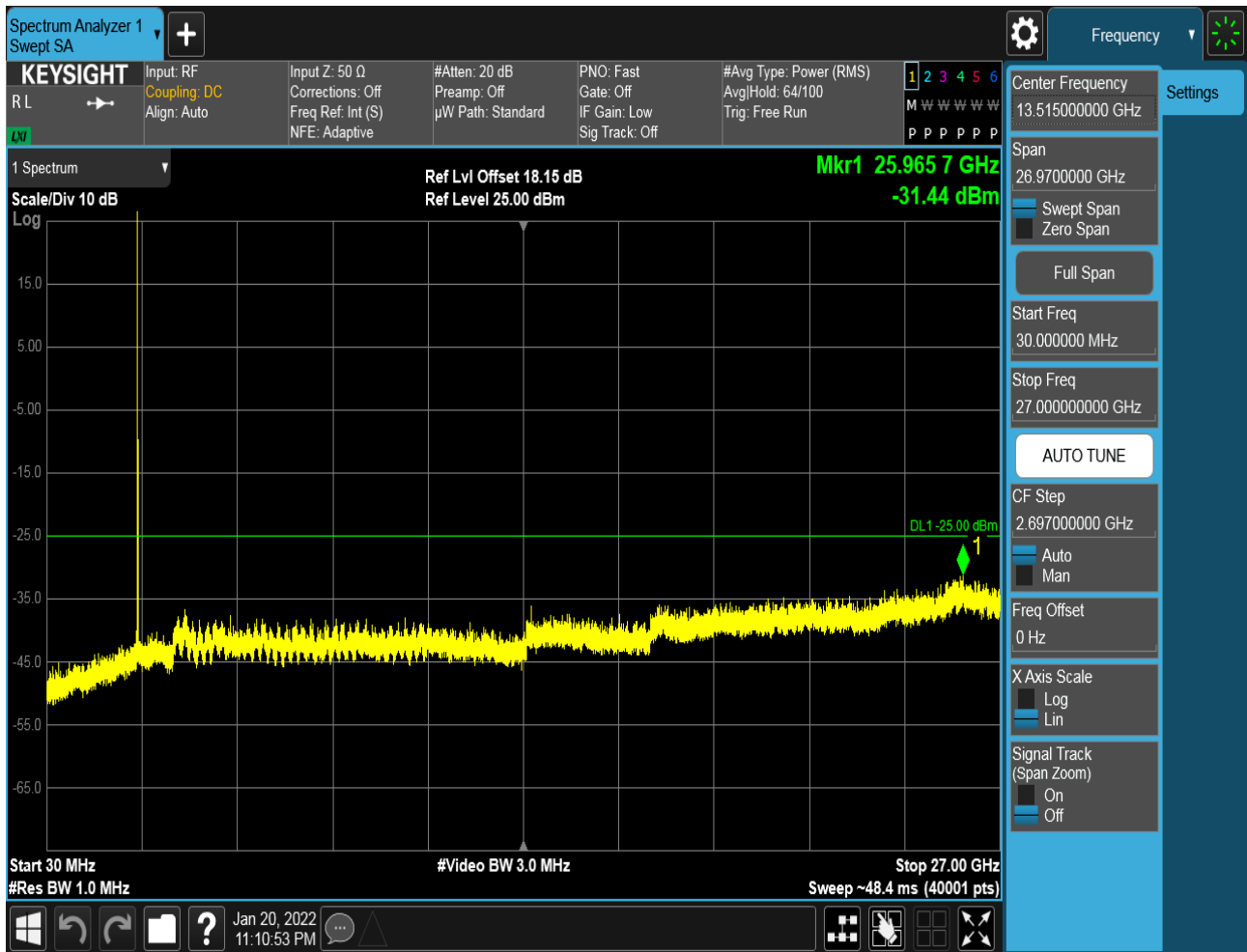


## 6.2.1.2.3.2 Test Channel = MCH

## 6.2.1.2.3.2.1 Test RB = RB1#0



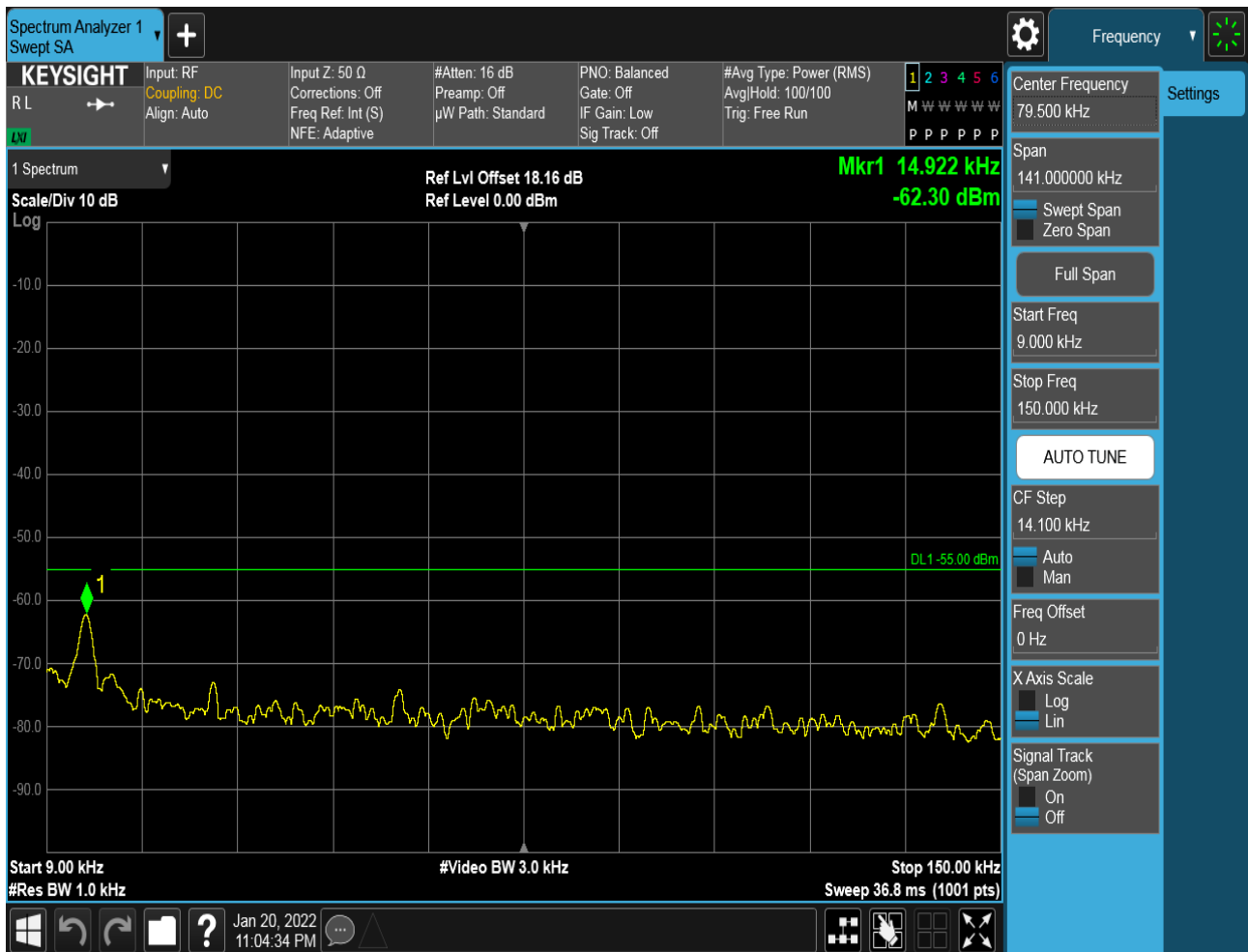


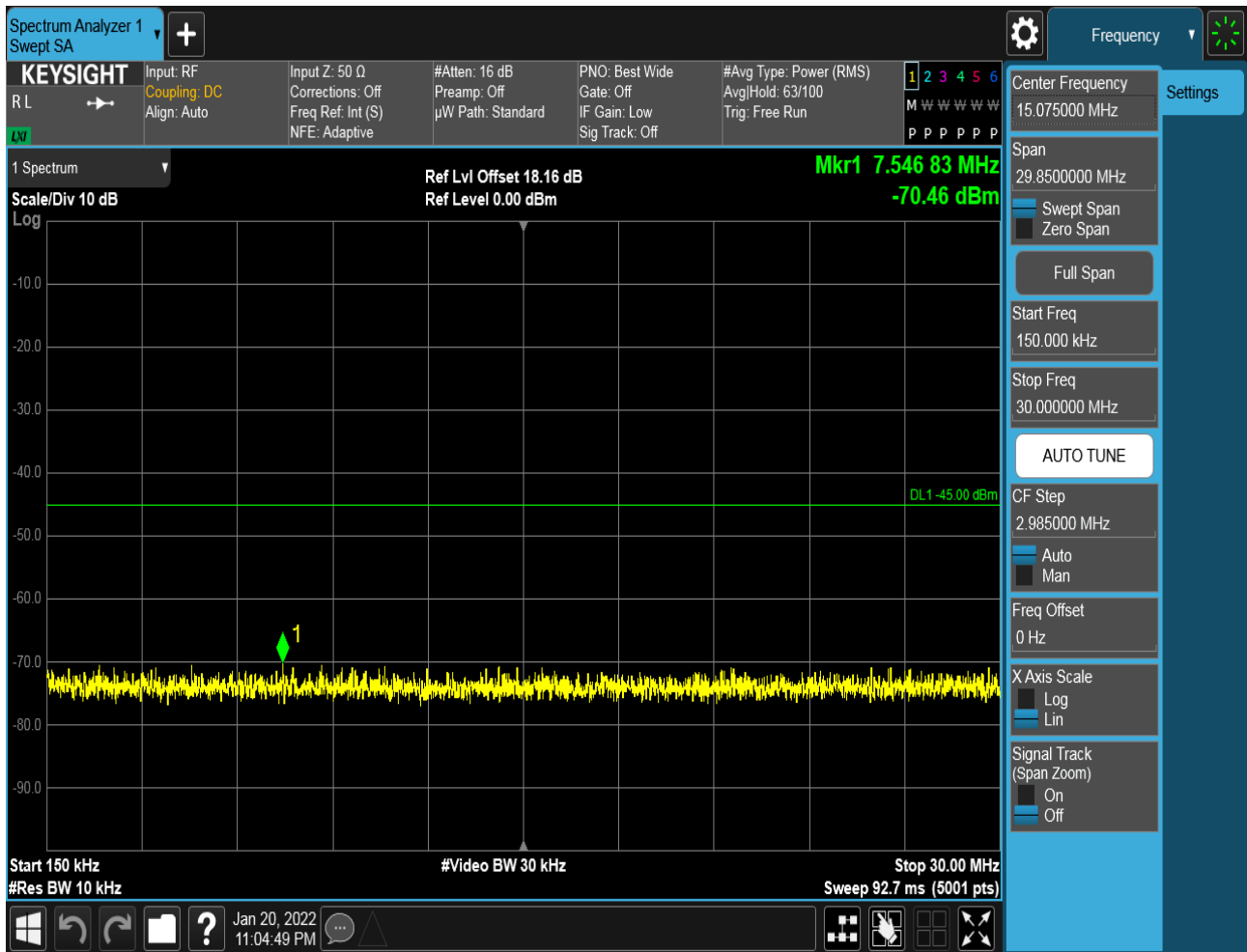


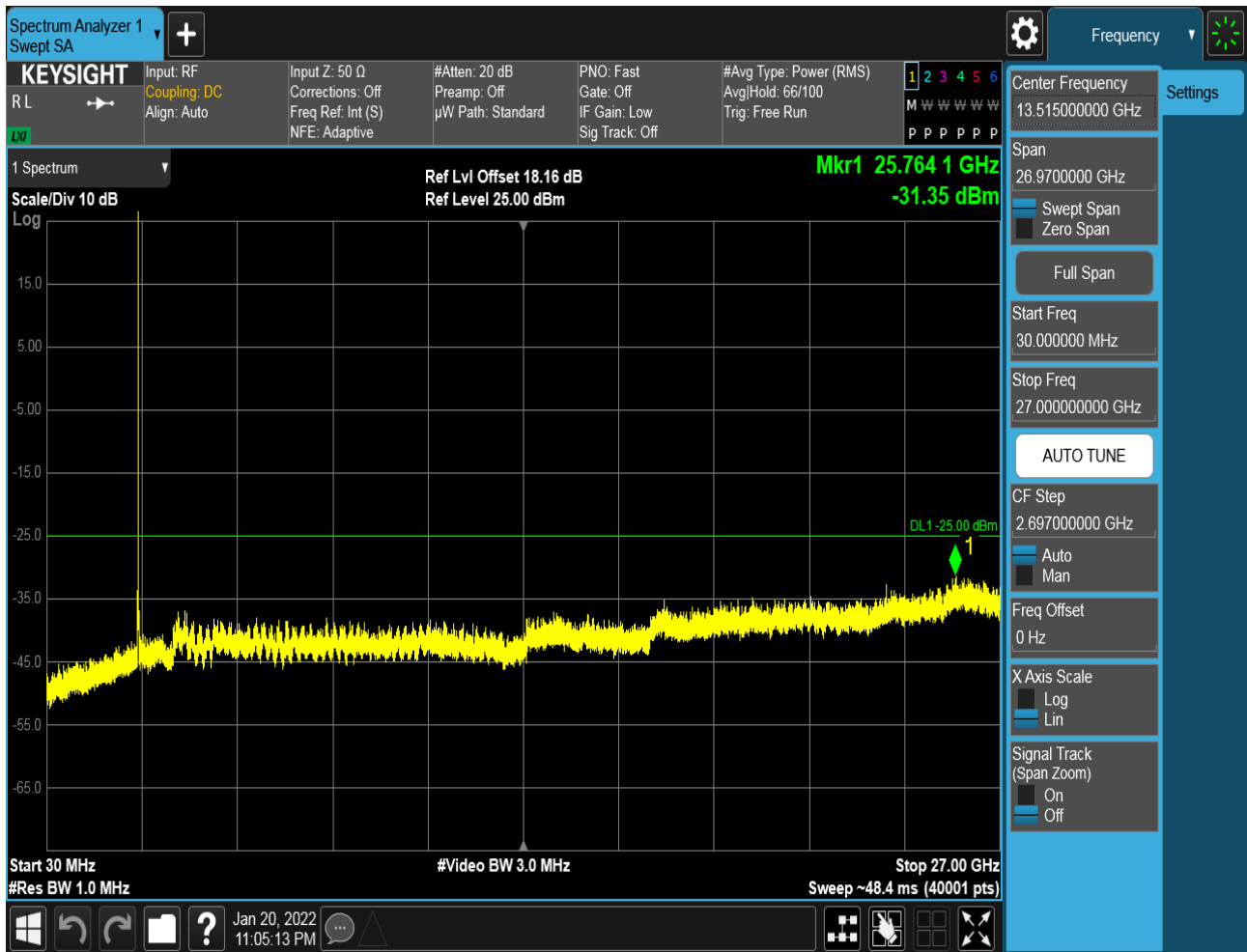


## 6.2.1.2.3.3 Test Channel = HCH

## 6.2.1.2.3.3.1 Test RB = RB1#0



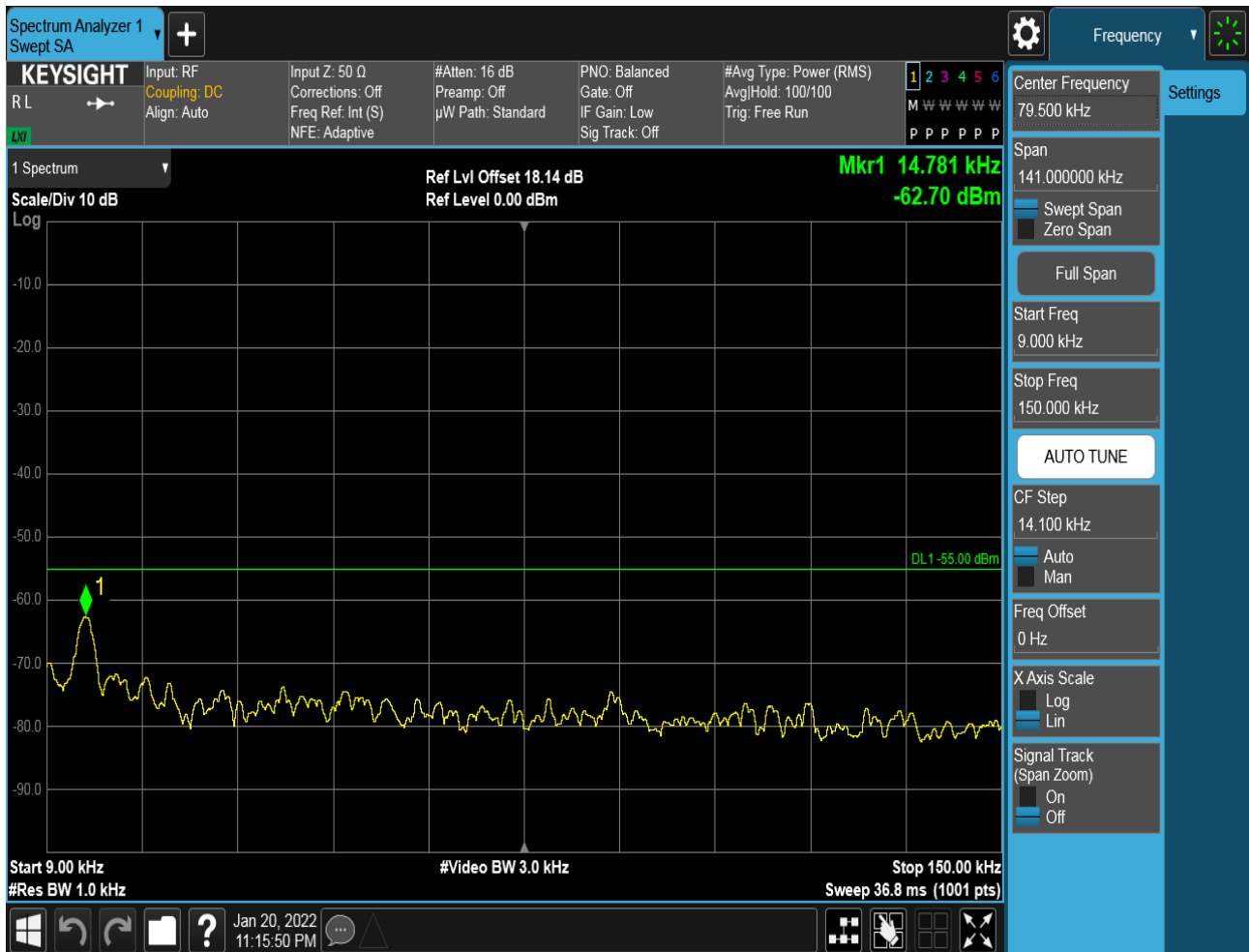


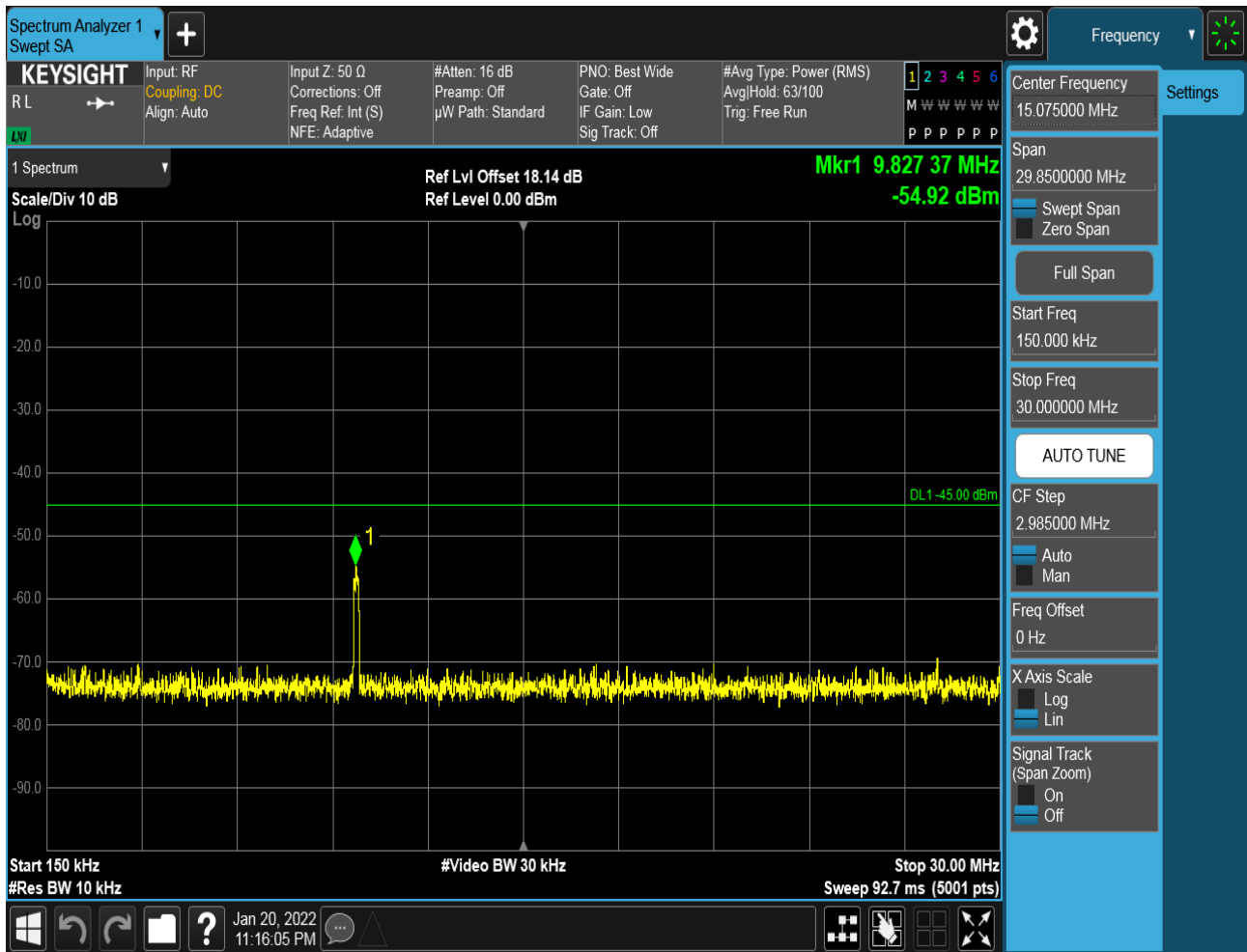


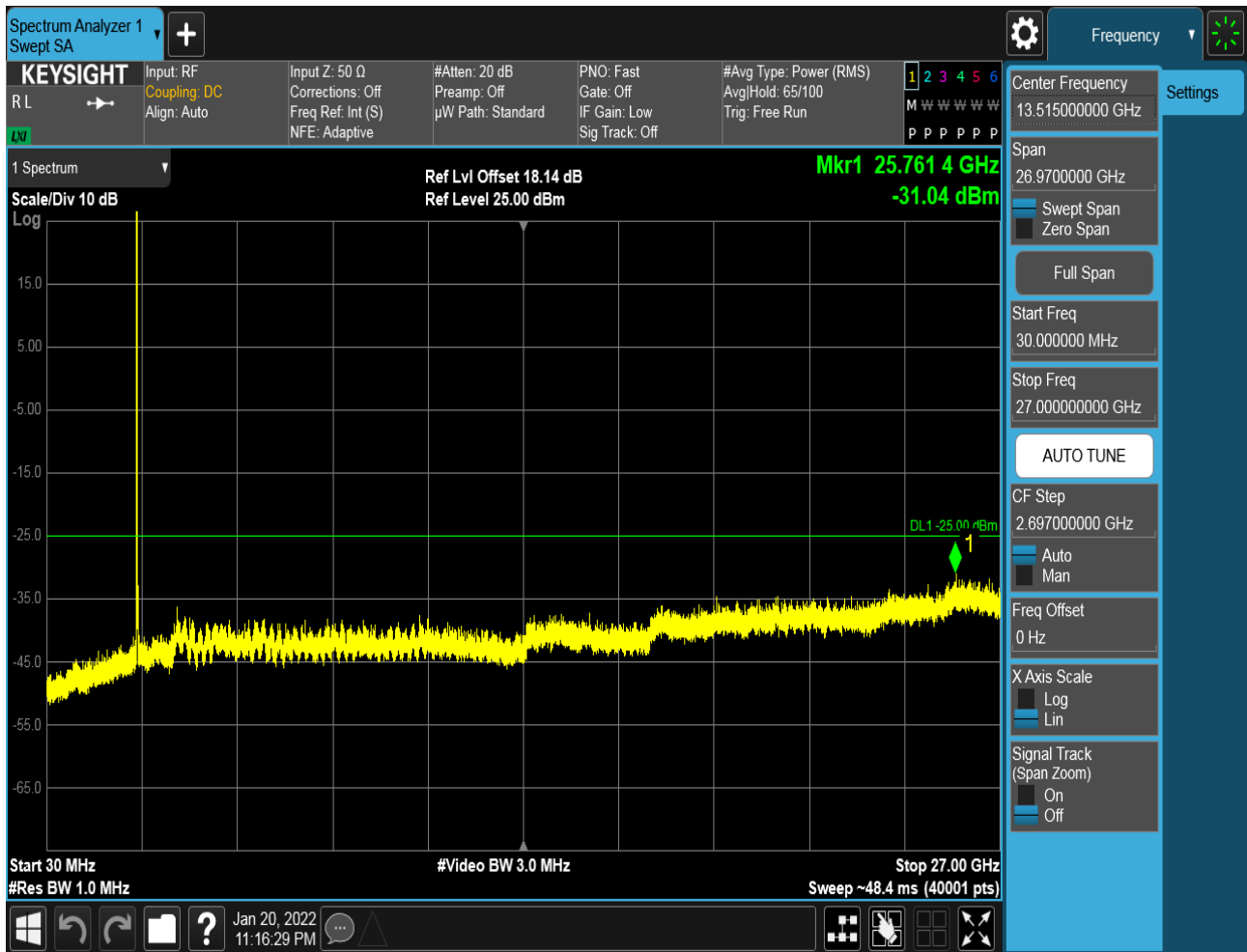
### 6.2.1.2.4 Test Bandwidth = 20MHz

#### 6.2.1.2.4.1 Test Channel = LCH

##### 6.2.1.2.4.1.1 Test RB = RB1#0



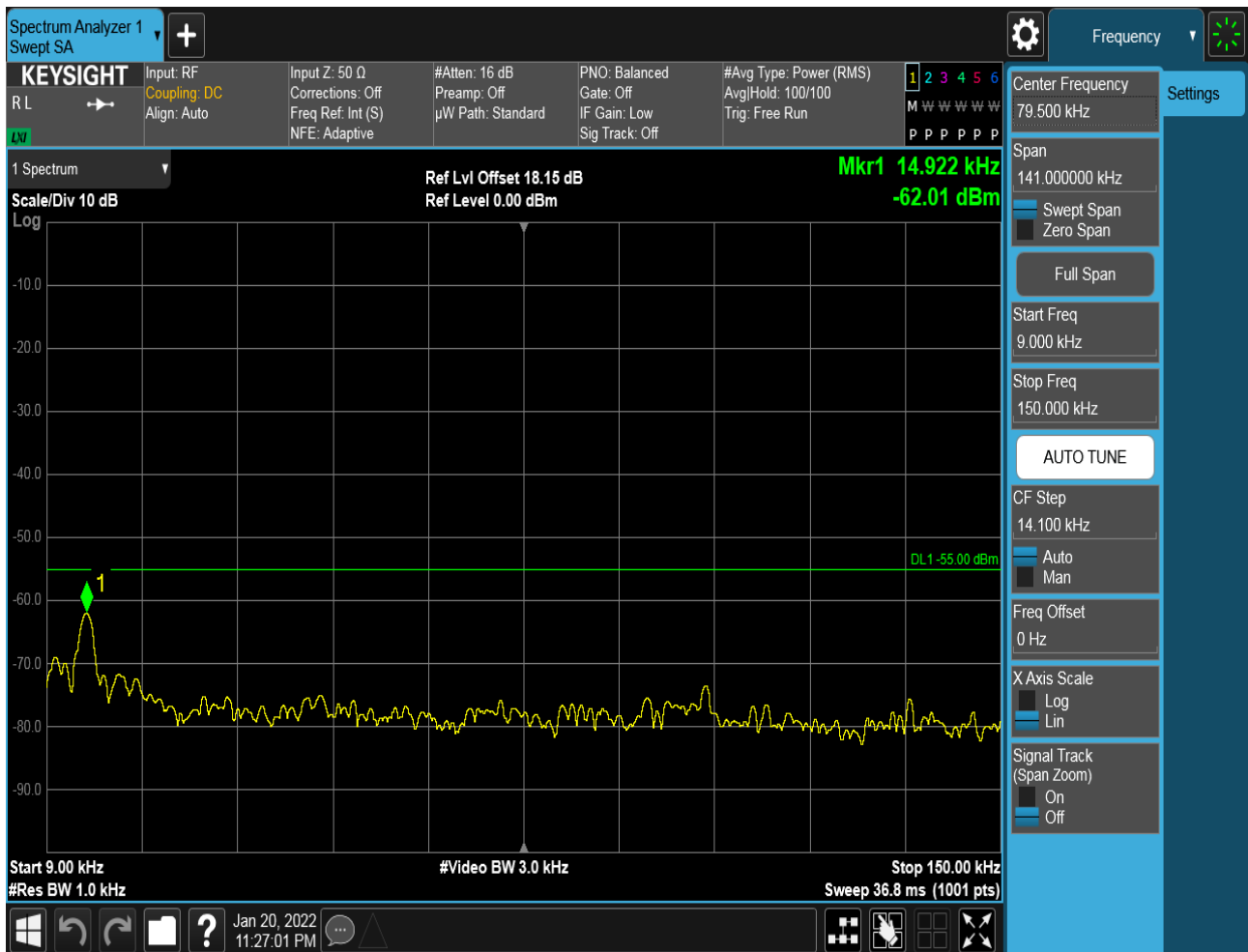


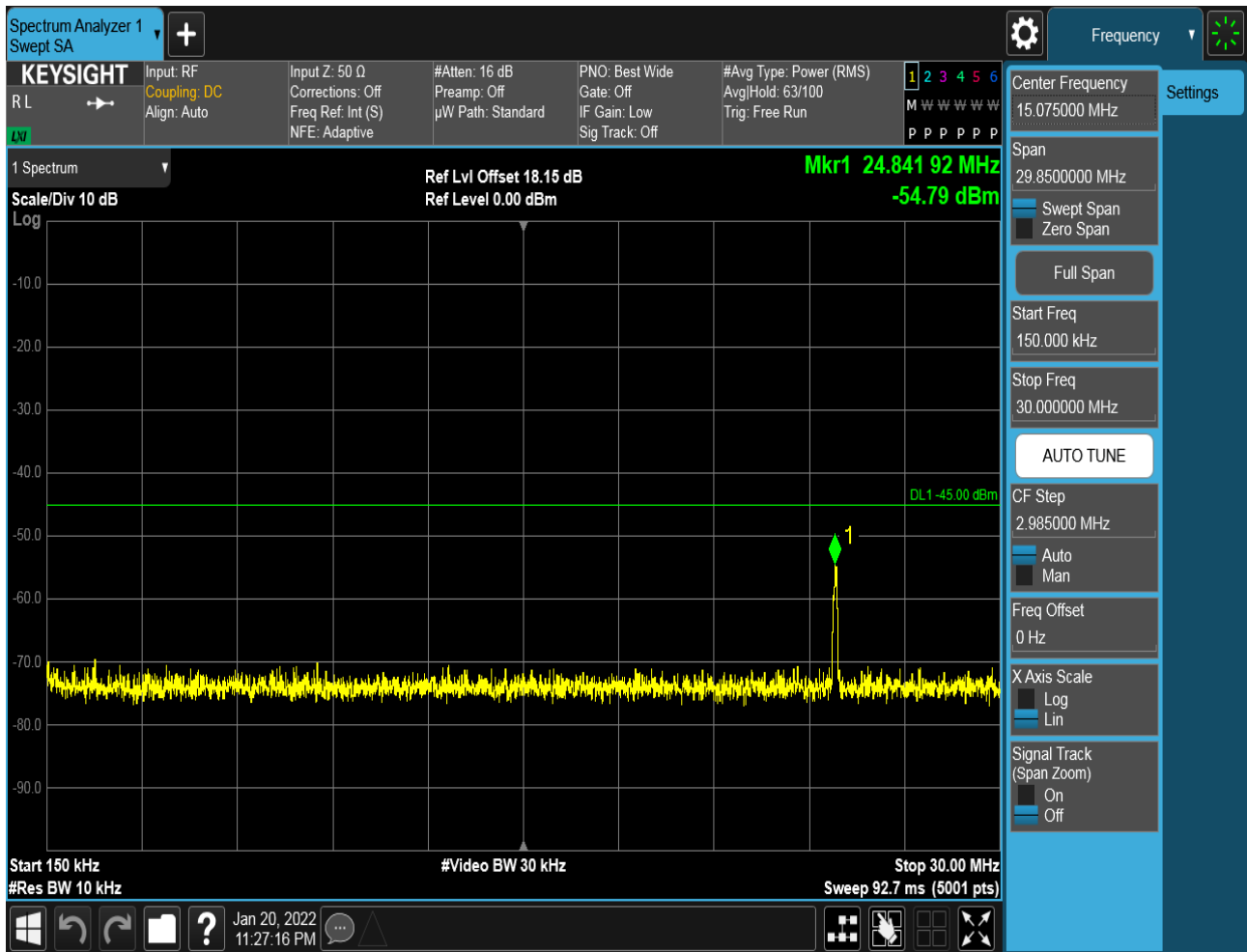


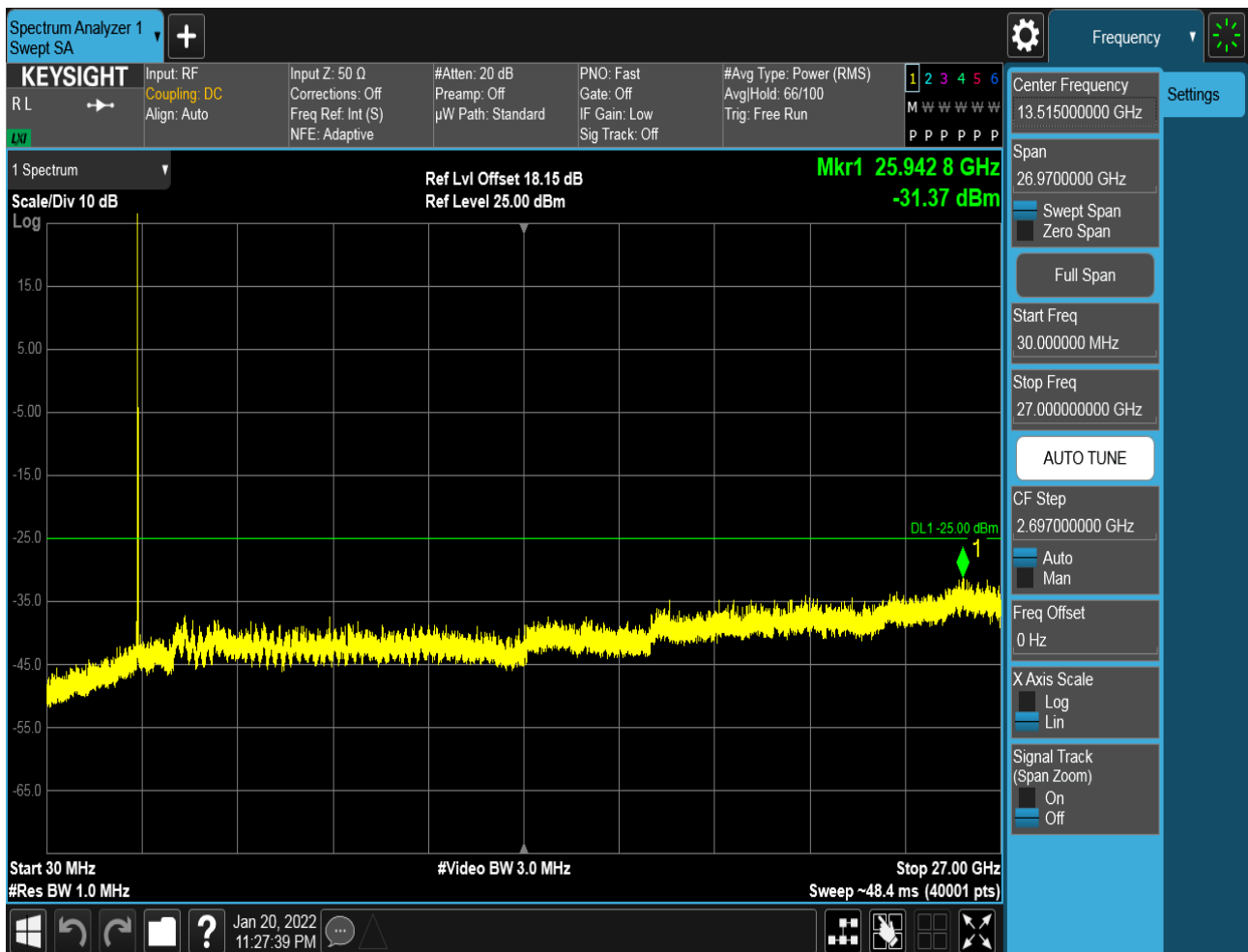


## 6.2.1.2.4.2 Test Channel = MCH

## 6.2.1.2.4.2.1 Test RB = RB1#0



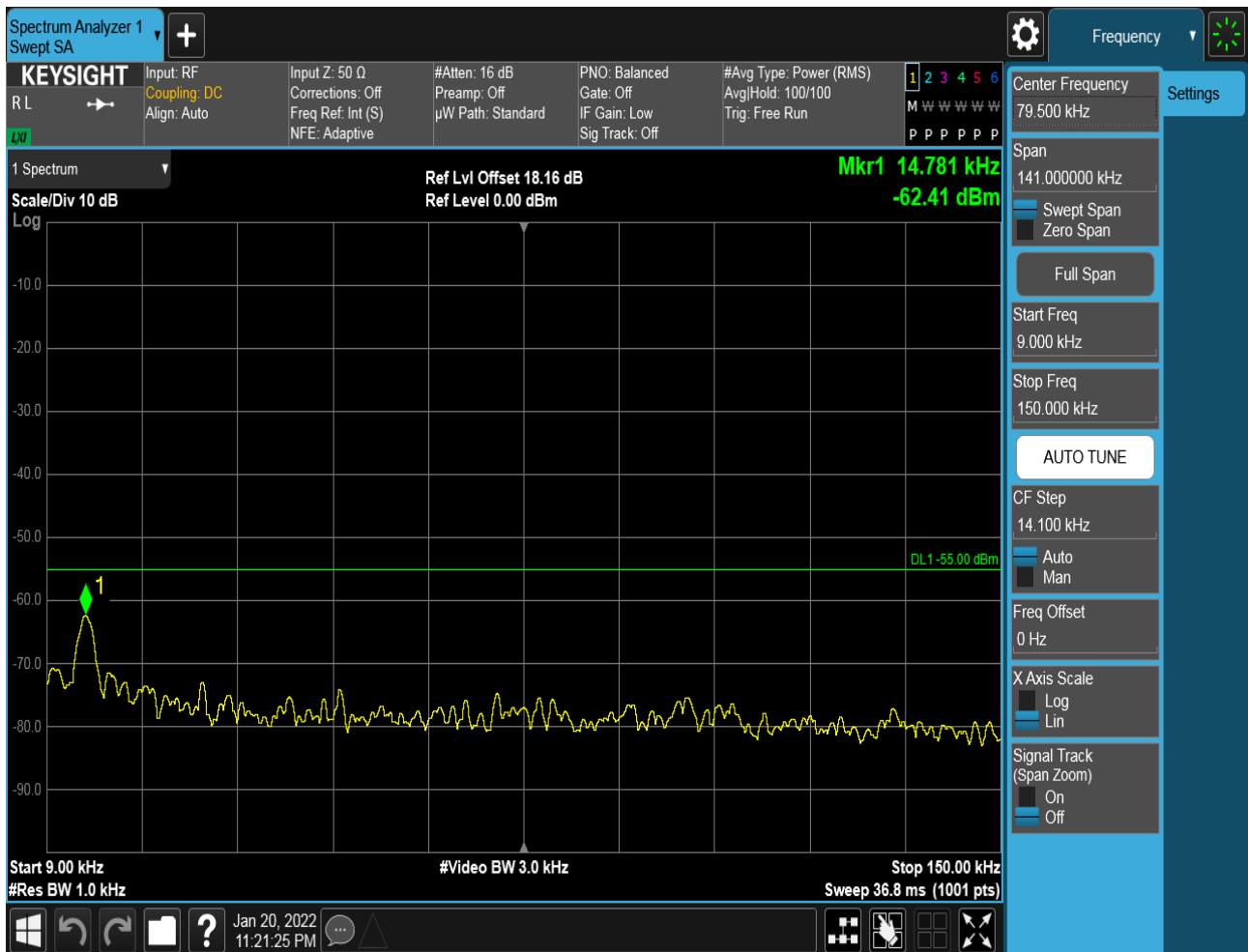


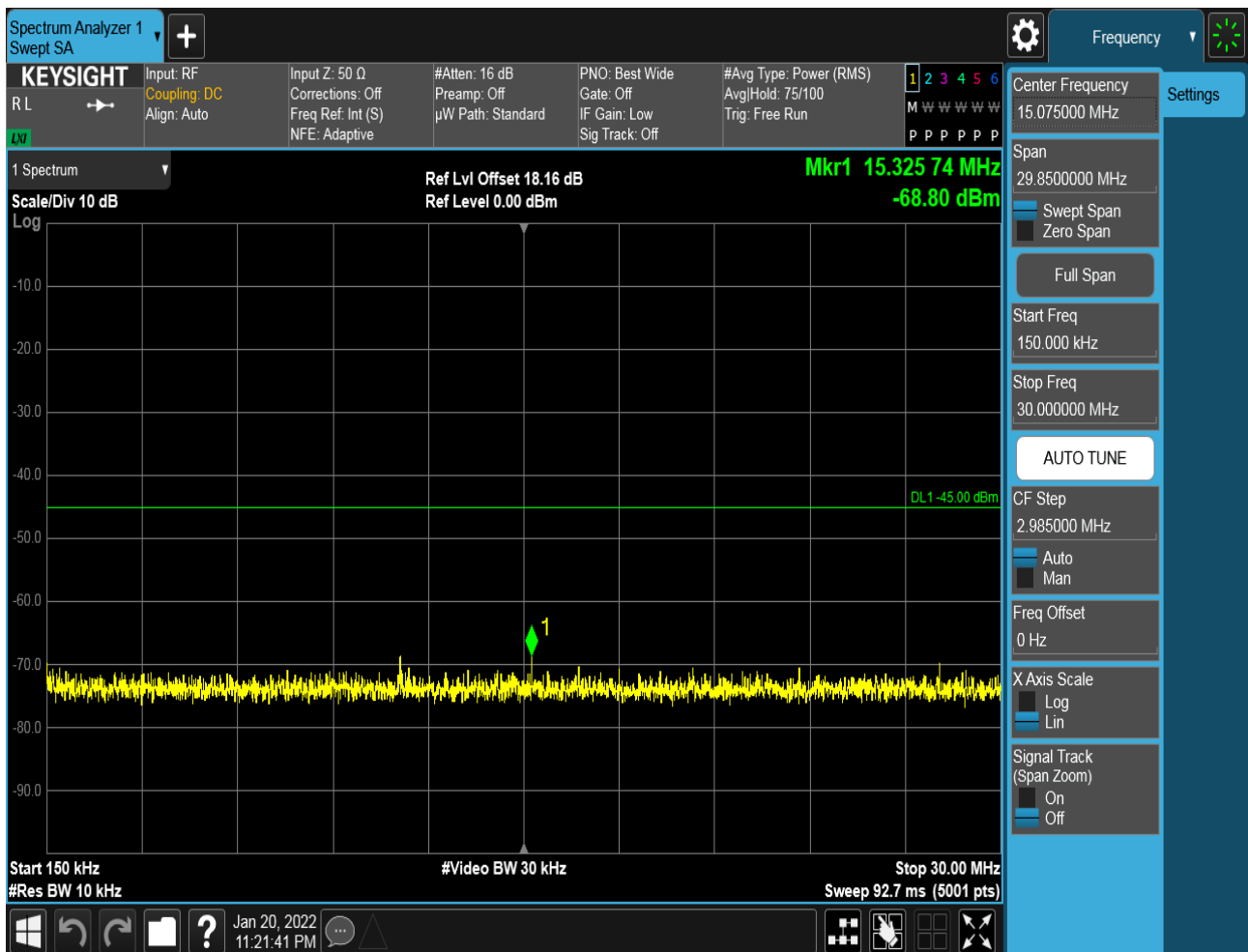


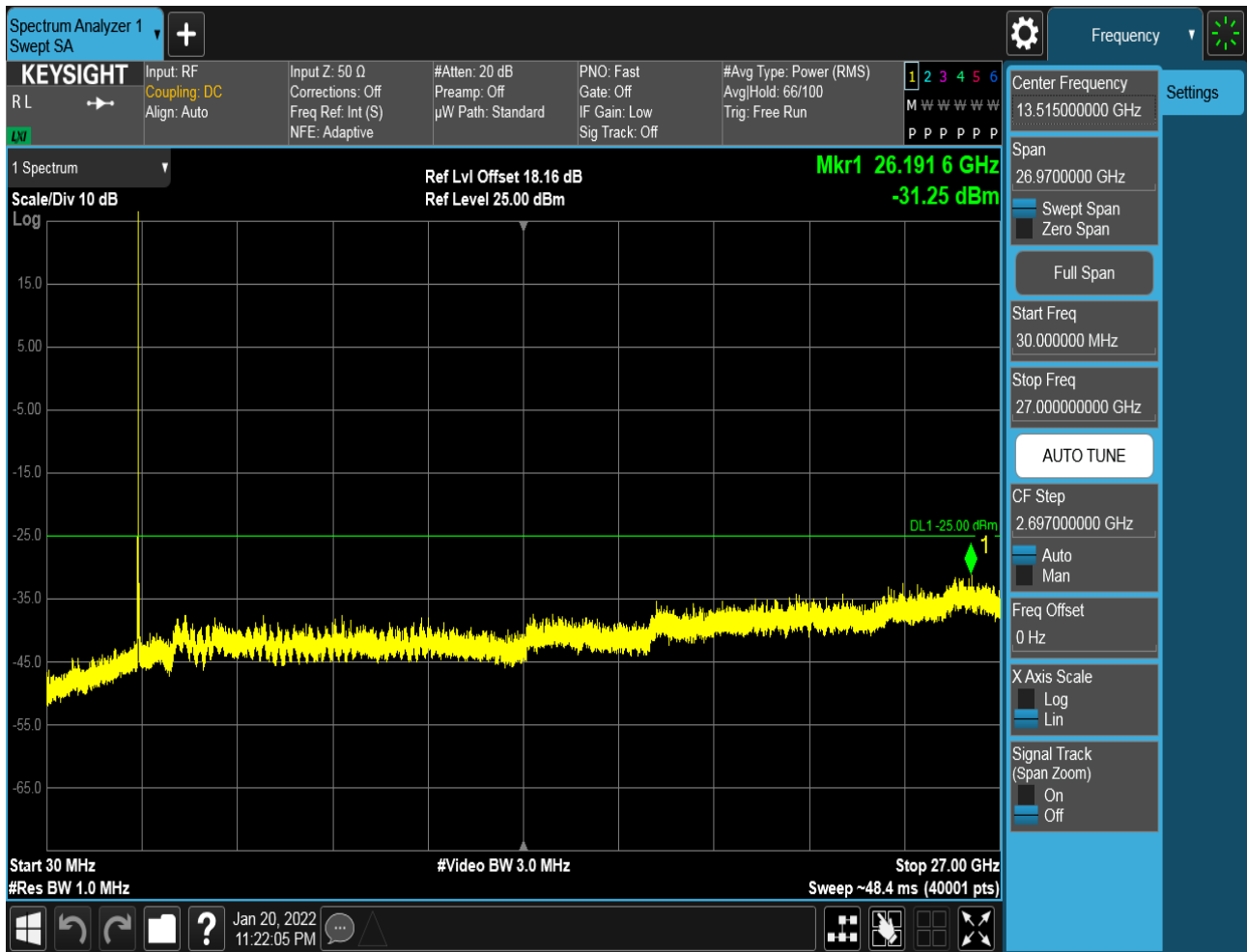


## 6.2.1.2.4.3 Test Channel = HCH

## 6.2.1.2.4.3.1 Test RB = RB1#0







## 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

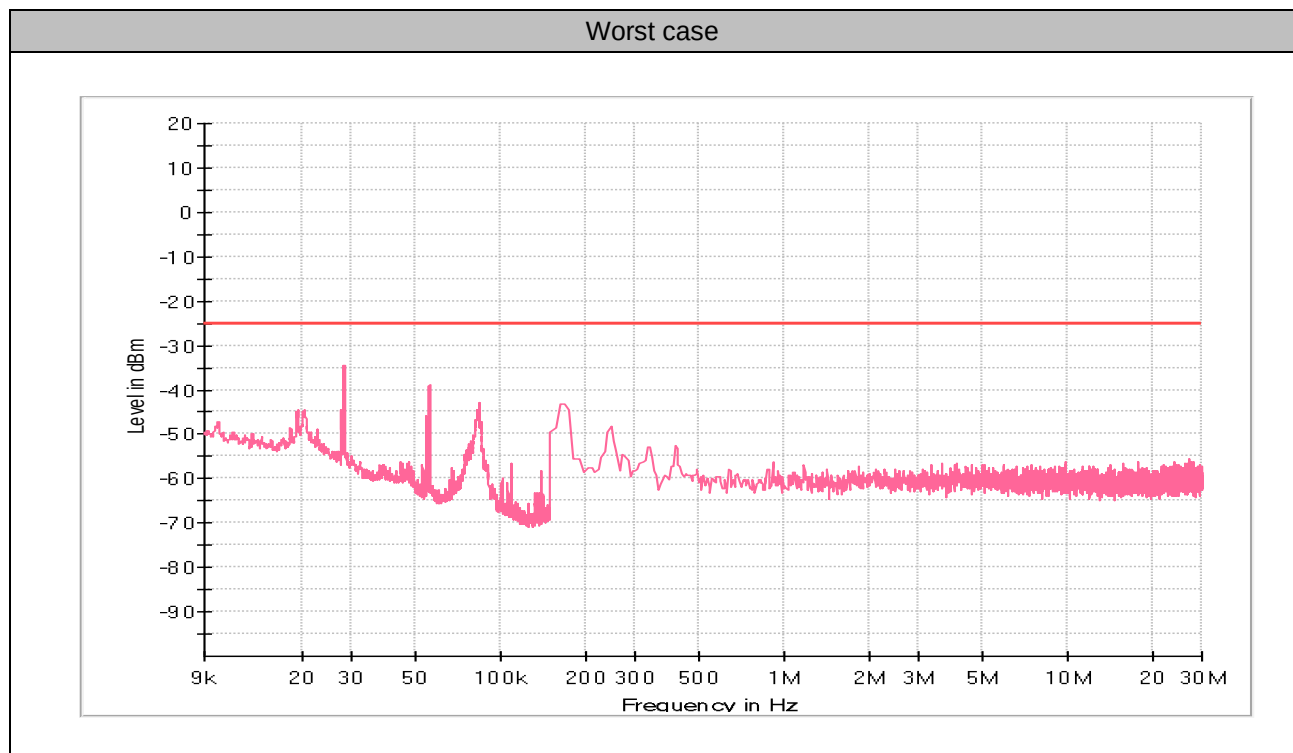
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

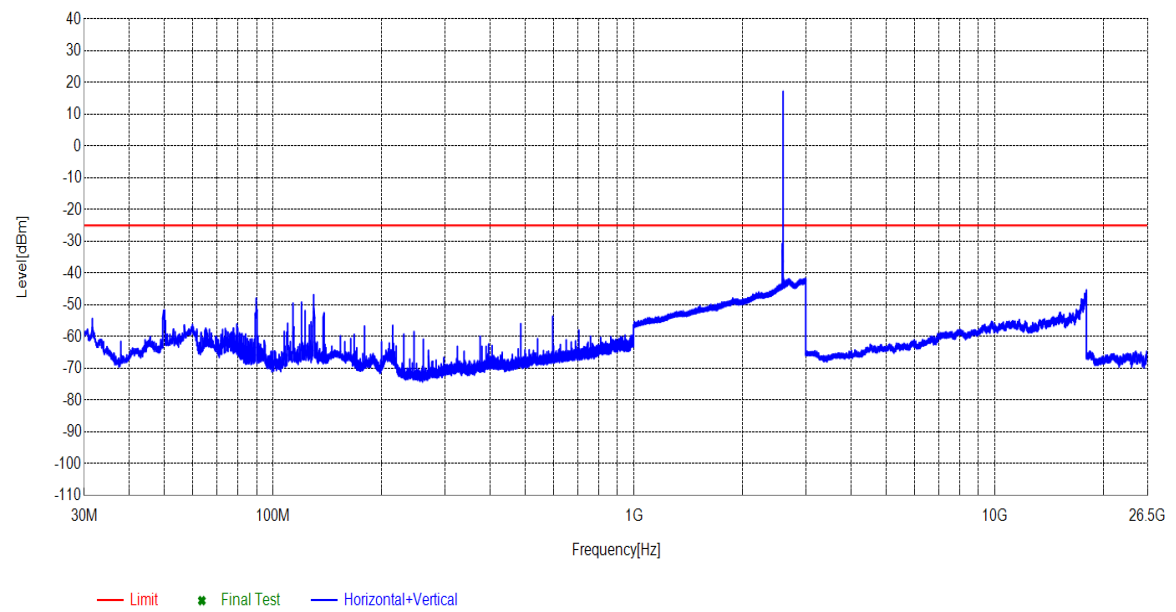
### Part I - Test Plots

#### 7.1 For LTE

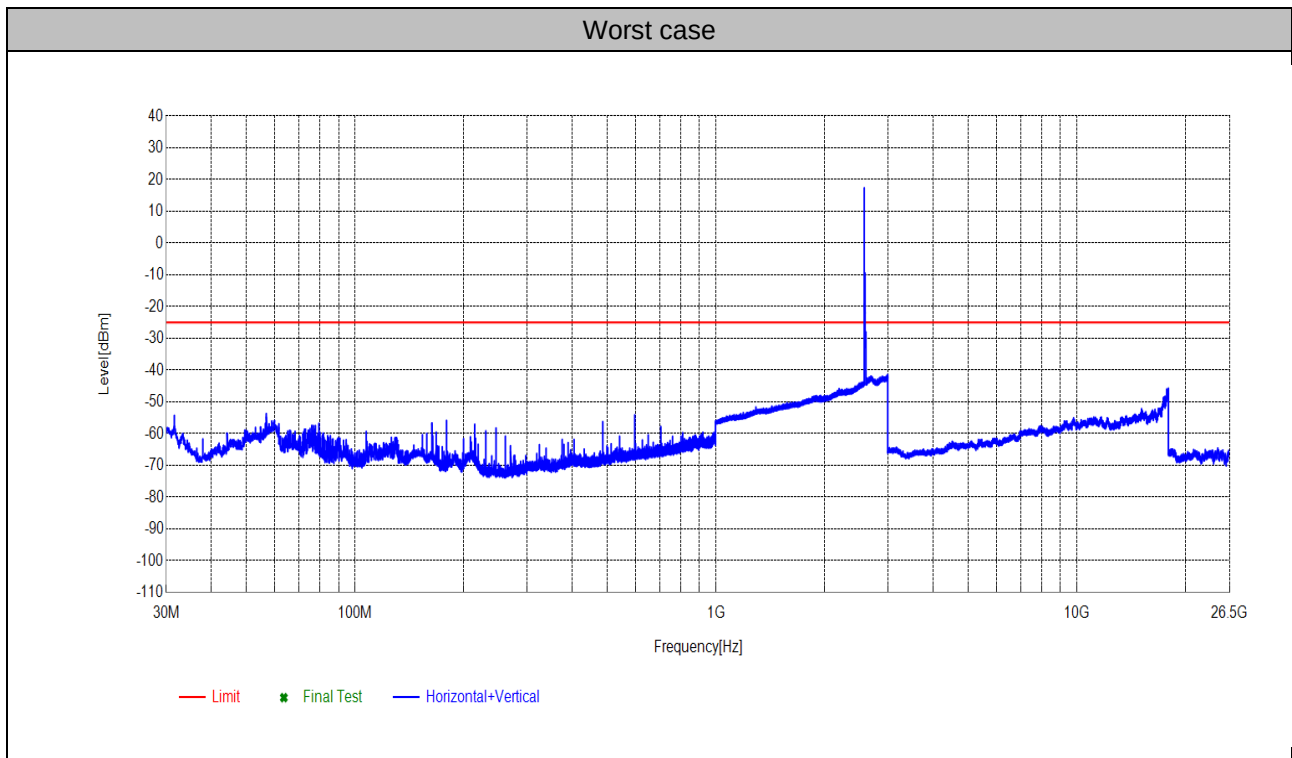
##### 7.1.1 Test Band = Band38

##### 7.1.1.1 Test Bandwidth = 5MHz





### 7.1.1.2 Test Bandwidth = 20MHz



## 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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| Band38    | LTE/TM1   | 5                    | LCH          | TN         | VL         | -0.24319         | -0.00009              | PASS    |
|           |           |                      |              |            | VN         | 4.84943          | 0.00189               | PASS    |
|           |           |                      |              |            | VH         | 16.46519         | 0.00640               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 2.61784          | 0.00101               | PASS    |
|           |           |                      |              |            | VN         | -6.93798         | -0.00267              | PASS    |
|           |           |                      |              |            | VH         | -1.14441         | -0.00044              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -2.00272         | -0.00077              | PASS    |
|           |           |                      |              |            | VN         | -8.75473         | -0.00334              | PASS    |
|           |           |                      |              |            | VH         | -0.05722         | -0.00002              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -4.43459         | -0.00172              | PASS    |
|           |           |                      |              |            | VN         | 3.21865          | 0.00125               | PASS    |
|           |           |                      |              |            | VH         | 3.08990          | 0.00120               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.94414          | 0.00036               | PASS    |
|           |           |                      |              |            | VN         | 3.51906          | 0.00136               | PASS    |
|           |           |                      |              |            | VH         | -0.52929         | -0.00020              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.70095         | -0.00027              | PASS    |
|           |           |                      |              |            | VN         | -4.42028         | -0.00169              | PASS    |
|           |           |                      |              |            | VH         | -4.79221         | -0.00183              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -3.71933         | -0.00144              | PASS    |
|           |           |                      |              |            | VN         | -1.33038         | -0.00052              | PASS    |
|           |           |                      |              |            | VH         | 0.67234          | 0.00026               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -1.97411         | -0.00076              | PASS    |
|           |           |                      |              |            | VN         | -3.43323         | -0.00132              | PASS    |
|           |           |                      |              |            | VH         | -2.37465         | -0.00092              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -4.50611         | -0.00172              | PASS    |
|           |           |                      |              |            | VN         | -2.08855         | -0.00080              | PASS    |
|           |           |                      |              |            | VH         | 1.44482          | 0.00055               | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -1.94550         | -0.00075              | PASS    |
|           |           |                      |              |            | VN         | 3.06129          | 0.00119               | PASS    |
|           |           |                      |              |            | VH         | -2.60353         | -0.00101              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           | LTE/TM2   |                      | MCH          | TN         | VL         | -3.67641         | -0.00142              | PASS    |
|           |           |                      |              |            | VN         | -2.38895         | -0.00092              | PASS    |
|           |           |                      |              |            | VH         | -2.01702         | -0.00078              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.20027         | -0.00008              | PASS    |
|           |           |                      |              |            | VN         | -0.78678         | -0.00030              | PASS    |
|           |           |                      |              |            | VH         | -0.85831         | -0.00033              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -4.87804         | -0.00190              | PASS    |
|           |           |                      |              |            | VN         | -11.10077        | -0.00432              | PASS    |
|           |           |                      |              |            | VH         | -9.32694         | -0.00363              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.67234         | -0.00026              | PASS    |
|           |           |                      |              |            | VN         | -6.06537         | -0.00234              | PASS    |
|           |           |                      |              |            | VH         | -3.01838         | -0.00116              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.74387         | -0.00028              | PASS    |
|           |           |                      |              |            | VN         | -8.86917         | -0.00339              | PASS    |
|           |           |                      |              |            | VH         | -0.15736         | -0.00006              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -2.08855         | -0.00081              | PASS    |
|           |           |                      |              |            | VN         | -7.52449         | -0.00292              | PASS    |
|           |           |                      |              |            | VH         | -7.95364         | -0.00309              | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.62943          | 0.00024               | PASS    |
|           |           |                      |              |            | VN         | -2.97546         | -0.00115              | PASS    |
|           |           |                      |              |            | VH         | -13.06057        | -0.00503              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 3.66211          | 0.00140               | PASS    |
|           |           |                      |              |            | VN         | -1.74522         | -0.00067              | PASS    |
|           |           |                      |              |            | VH         | 1.60217          | 0.00061               | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -3.01838         | -0.00117              | PASS    |
|           |           |                      |              |            | VN         | -3.80516         | -0.00148              | PASS    |
|           |           |                      |              |            | VH         | -5.04971         | -0.00196              | PASS    |
|           |           |                      | MCH          | TN         | VL         | 1.80244          | 0.00069               | PASS    |
|           |           |                      |              |            | VN         | -2.97546         | -0.00115              | PASS    |
|           |           |                      |              |            | VH         | -1.05858         | -0.00041              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 2.43187          | 0.00093               | PASS    |
|           |           |                      |              |            | VN         | -2.57492         | -0.00099              | PASS    |
|           |           |                      |              |            | VH         | -2.20299         | -0.00084              | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -1.63078         | -0.00063              | PASS    |
|           |           |                      |              |            | VN         | -0.27180         | -0.00011              | PASS    |
|           |           |                      |              |            | VH         | 0.02861          | 0.00001               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 1.31607          | 0.00051               | PASS    |
|           |           |                      |              |            | VN         | -3.10421         | -0.00120              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      | HCH          | TN         | VH         | -2.31743         | -0.00089              | PASS    |
|           |           |                      |              |            | VL         | 1.05858          | 0.00041               | PASS    |
|           |           |                      |              |            | VN         | -2.20299         | -0.00084              | PASS    |
|           |           |                      |              |            | VH         | 0.31471          | 0.00012               | PASS    |

### 8.1.2 Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| Band38    | LTE/TM1   | 5                    | LCH          | VN         | -30       | -16.49380        | -0.00641              | PASS    |
|           |           |                      |              |            | -20       | -6.89506         | -0.00268              | PASS    |
|           |           |                      |              |            | -10       | -25.01965        | -0.00973              | PASS    |
|           |           |                      |              |            | 0         | -20.34187        | -0.00791              | PASS    |
|           |           |                      |              |            | 10        | -4.26292         | -0.00166              | PASS    |
|           |           |                      |              |            | 20        | 4.84943          | 0.00189               | PASS    |
|           |           |                      |              |            | 30        | -35.31933        | -0.01373              | PASS    |
|           |           |                      |              |            | 40        | -14.20498        | -0.00552              | PASS    |
|           |           |                      |              |            | 50        | -11.52992        | -0.00448              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -6.96659         | -0.00268              | PASS    |
|           |           |                      |              |            | -20       | -3.60489         | -0.00139              | PASS    |
|           |           |                      |              |            | -10       | -7.79629         | -0.00300              | PASS    |
|           |           |                      |              |            | 0         | -6.86646         | -0.00265              | PASS    |
|           |           |                      |              |            | 10        | -22.53056        | -0.00868              | PASS    |
|           |           |                      |              |            | 20        | -6.93798         | -0.00267              | PASS    |
|           |           |                      |              |            | 30        | -10.80036        | -0.00416              | PASS    |
|           |           |                      |              |            | 40        | -6.66618         | -0.00257              | PASS    |
|           |           |                      |              |            | 50        | -7.82490         | -0.00302              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -10.55717        | -0.00403              | PASS    |
|           |           |                      |              |            | -20       | -11.12938        | -0.00425              | PASS    |
|           |           |                      |              |            | -10       | 0.04292          | 0.00002               | PASS    |
|           |           |                      |              |            | 0         | 81.58207         | 0.03117               | PASS    |
|           |           |                      |              |            | 10        | -12.23087        | -0.00467              | PASS    |
|           |           |                      |              |            | 20        | -8.75473         | -0.00334              | PASS    |
|           |           |                      |              |            | 30        | -6.63757         | -0.00254              | PASS    |
|           |           |                      |              |            | 40        | -10.48565        | -0.00401              | PASS    |
|           |           |                      |              |            | 50        | -5.45025         | -0.00208              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | 0.58651          | 0.00023               | PASS    |
|           |           |                      |              |            | -20       | 0.55790          | 0.00022               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | 1.65939          | 0.00064               | PASS    |
|           |           |                      |              |            | 0         | 0.20027          | 0.00008               | PASS    |
|           |           |                      |              |            | 10        | -2.27451         | -0.00088              | PASS    |
|           |           |                      |              |            | 20        | 3.21865          | 0.00125               | PASS    |
|           |           |                      |              |            | 30        | 0.77248          | 0.00030               | PASS    |
|           |           |                      |              |            | 40        | -1.88827         | -0.00073              | PASS    |
|           |           |                      |              |            | 50        | -42.32883        | -0.01644              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -2.64645         | -0.00102              | PASS    |
|           |           |                      |              |            | -20       | -9.14097         | -0.00352              | PASS    |
|           |           |                      |              |            | -10       | -0.54359         | -0.00021              | PASS    |
|           |           |                      |              |            | 0         | -85.18696        | -0.03283              | PASS    |
|           |           |                      |              |            | 10        | -5.22137         | -0.00201              | PASS    |
|           |           |                      |              |            | 20        | 3.51906          | 0.00136               | PASS    |
|           |           |                      |              |            | 30        | -4.52042         | -0.00174              | PASS    |
|           |           |                      |              |            | 40        | -8.39710         | -0.00324              | PASS    |
|           |           |                      |              |            | 50        | -8.56876         | -0.00330              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -5.87940         | -0.00225              | PASS    |
|           |           |                      |              |            | -20       | -5.16415         | -0.00197              | PASS    |
|           |           |                      |              |            | -10       | -5.69344         | -0.00218              | PASS    |
|           |           |                      |              |            | 0         | -3.17573         | -0.00121              | PASS    |
|           |           |                      |              |            | 10        | -18.98289        | -0.00726              | PASS    |
|           |           |                      |              |            | 20        | -4.42028         | -0.00169              | PASS    |
|           |           |                      |              |            | 30        | -4.52042         | -0.00173              | PASS    |
|           |           |                      |              |            | 40        | -3.77655         | -0.00144              | PASS    |
|           |           |                      |              |            | 50        | -1.98841         | -0.00076              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | 0.68665          | 0.00027               | PASS    |
|           |           |                      |              |            | -20       | 0.32902          | 0.00013               | PASS    |
|           |           |                      |              |            | -10       | -4.40597         | -0.00171              | PASS    |
|           |           |                      |              |            | 0         | 1.34468          | 0.00052               | PASS    |
|           |           |                      |              |            | 10        | 8.03947          | 0.00312               | PASS    |
|           |           |                      |              |            | 20        | -1.33038         | -0.00052              | PASS    |
|           |           |                      |              |            | 30        | -81.21014        | -0.03151              | PASS    |
|           |           |                      |              |            | 40        | -0.22888         | -0.00009              | PASS    |
|           |           |                      |              |            | 50        | 48.52295         | 0.01883               | PASS    |
|           |           |                      | MCH          | VN         | -30       | -1.60217         | -0.00062              | PASS    |
|           |           |                      |              |            | -20       | -1.78814         | -0.00069              | PASS    |
|           |           |                      |              |            | -10       | -3.19004         | -0.00123              | PASS    |
|           |           |                      |              |            | 0         | -2.66075         | -0.00103              | PASS    |
|           |           |                      |              |            | 10        | -1.08719         | -0.00042              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -3.43323         | -0.00132              | PASS    |
|           |           |                      |              |            | 30        | -1.90258         | -0.00073              | PASS    |
|           |           |                      |              |            | 40        | -5.97954         | -0.00230              | PASS    |
|           |           |                      |              |            | 50        | 0.28610          | 0.00011               | PASS    |
|           |           |                      | HCH          | VN         | -30       | 0.44346          | 0.00017               | PASS    |
|           |           |                      |              |            | -20       | -1.05858         | -0.00041              | PASS    |
|           |           |                      |              |            | -10       | 1.88827          | 0.00072               | PASS    |
|           |           |                      |              |            | 0         | -1.45912         | -0.00056              | PASS    |
|           |           |                      |              |            | 10        | 5.17845          | 0.00198               | PASS    |
|           |           |                      |              |            | 20        | -2.08855         | -0.00080              | PASS    |
|           |           |                      |              |            | 30        | -2.44618         | -0.00094              | PASS    |
|           |           |                      |              |            | 40        | -1.27316         | -0.00049              | PASS    |
|           |           |                      |              |            | 50        | -1.00136         | -0.00038              | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | 0.57220          | 0.00022               | PASS    |
|           |           |                      |              |            | -20       | -0.47207         | -0.00018              | PASS    |
|           |           |                      |              |            | -10       | 0.35763          | 0.00014               | PASS    |
|           |           |                      |              |            | 0         | -0.71526         | -0.00028              | PASS    |
|           |           |                      |              |            | 10        | 5.06401          | 0.00196               | PASS    |
|           |           |                      |              |            | 20        | 3.06129          | 0.00119               | PASS    |
|           |           |                      |              |            | 30        | -50.62580        | -0.01962              | PASS    |
|           |           |                      |              |            | 40        | 2.58923          | 0.00100               | PASS    |
|           |           |                      |              |            | 50        | -84.42879        | -0.03272              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -6.76632         | -0.00261              | PASS    |
|           |           |                      |              |            | -20       | 0.87261          | 0.00034               | PASS    |
|           |           |                      |              |            | -10       | -1.15871         | -0.00045              | PASS    |
|           |           |                      |              |            | 0         | -1.15871         | -0.00045              | PASS    |
|           |           |                      |              |            | 10        | 1.45912          | 0.00056               | PASS    |
|           |           |                      |              |            | 20        | -2.38895         | -0.00092              | PASS    |
|           |           |                      |              |            | 30        | 0.32902          | 0.00013               | PASS    |
|           |           |                      |              |            | 40        | 0.74387          | 0.00029               | PASS    |
|           |           |                      |              |            | 50        | 0.78678          | 0.00030               | PASS    |
|           |           |                      | HCH          | VN         | -30       | -4.67777         | -0.00179              | PASS    |
|           |           |                      |              |            | -20       | -1.68800         | -0.00065              | PASS    |
|           |           |                      |              |            | -10       | -2.17438         | -0.00083              | PASS    |
|           |           |                      |              |            | 0         | -3.30448         | -0.00127              | PASS    |
|           |           |                      |              |            | 10        | 1.31607          | 0.00050               | PASS    |
|           |           |                      |              |            | 20        | -0.78678         | -0.00030              | PASS    |
|           |           |                      |              |            | 30        | 1.94550          | 0.00075               | PASS    |
|           |           |                      |              |            | 40        | 1.37329          | 0.00053               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           | LTE/TM2   | 5                    | LCH          | VN         | 50        | -2.87533         | -0.00110              | PASS    |
|           |           |                      |              |            | -30       | -5.77927         | -0.00225              | PASS    |
|           |           |                      |              |            | -20       | -8.35419         | -0.00325              | PASS    |
|           |           |                      |              |            | -10       | -2.64645         | -0.00103              | PASS    |
|           |           |                      |              |            | 0         | -9.01222         | -0.00350              | PASS    |
|           |           |                      |              |            | 10        | -1.70231         | -0.00066              | PASS    |
|           |           |                      |              |            | 20        | -11.10077        | -0.00432              | PASS    |
|           |           |                      |              |            | 30        | -2.10285         | -0.00082              | PASS    |
|           |           |                      |              |            | 40        | -4.30584         | -0.00167              | PASS    |
|           |           |                      |              |            | 50        | 0.14305          | 0.00006               | PASS    |
|           |           |                      | MCH          | VN         | -30       | -7.35283         | -0.00283              | PASS    |
|           |           |                      |              |            | -20       | -6.85215         | -0.00264              | PASS    |
|           |           |                      |              |            | -10       | -3.47614         | -0.00134              | PASS    |
|           |           |                      |              |            | 0         | -7.58171         | -0.00292              | PASS    |
|           |           |                      |              |            | 10        | -21.45767        | -0.00827              | PASS    |
|           |           |                      |              |            | 20        | -6.06537         | -0.00234              | PASS    |
|           |           |                      |              |            | 30        | -10.35690        | -0.00399              | PASS    |
|           |           |                      |              |            | 40        | -13.30376        | -0.00513              | PASS    |
|           |           |                      |              |            | 50        | -7.65324         | -0.00295              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -9.32694         | -0.00356              | PASS    |
|           |           |                      |              |            | -20       | -17.06600        | -0.00652              | PASS    |
|           |           |                      |              |            | -10       | -10.12802        | -0.00387              | PASS    |
|           |           |                      |              |            | 0         | -8.76904         | -0.00335              | PASS    |
|           |           |                      |              |            | 10        | -32.28664        | -0.01233              | PASS    |
|           |           |                      |              |            | 20        | -8.86917         | -0.00339              | PASS    |
|           |           |                      |              |            | 30        | -9.29833         | -0.00355              | PASS    |
|           |           |                      |              |            | 40        | -8.68320         | -0.00332              | PASS    |
|           |           |                      |              |            | 50        | -12.35962        | -0.00472              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -0.81539         | -0.00032              | PASS    |
|           |           |                      |              |            | -20       | -1.38760         | -0.00054              | PASS    |
|           |           |                      |              |            | -10       | -7.00951         | -0.00272              | PASS    |
|           |           |                      |              |            | 0         | 1.84536          | 0.00072               | PASS    |
|           |           |                      |              |            | 10        | -20.27035        | -0.00787              | PASS    |
|           |           |                      |              |            | 20        | -7.52449         | -0.00292              | PASS    |
|           |           |                      |              |            | 30        | -5.09262         | -0.00198              | PASS    |
|           |           |                      |              |            | 40        | 0.17166          | 0.00007               | PASS    |
|           |           |                      |              |            | 50        | -316.02860       | -0.12273              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -1.11580         | -0.00043              | PASS    |
|           |           |                      |              |            | -20       | -2.54631         | -0.00098              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | -4.01974         | -0.00155              | PASS    |
|           |           |                      |              |            | 0         | -5.16415         | -0.00199              | PASS    |
|           |           |                      |              |            | 10        | -6.29425         | -0.00243              | PASS    |
|           |           |                      |              |            | 20        | -2.97546         | -0.00115              | PASS    |
|           |           |                      |              |            | 30        | -0.71526         | -0.00028              | PASS    |
|           |           |                      |              |            | 40        | -3.66211         | -0.00141              | PASS    |
|           |           |                      |              |            | 50        | -4.13418         | -0.00159              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -4.33445         | -0.00166              | PASS    |
|           |           |                      |              |            | -20       | -7.93934         | -0.00304              | PASS    |
|           |           |                      |              |            | -10       | -1.57356         | -0.00060              | PASS    |
|           |           |                      |              |            | 0         | -5.85079         | -0.00224              | PASS    |
|           |           |                      |              |            | 10        | -18.09597        | -0.00692              | PASS    |
|           |           |                      |              |            | 20        | -1.74522         | -0.00067              | PASS    |
|           |           |                      |              |            | 30        | -5.76496         | -0.00220              | PASS    |
|           |           |                      |              |            | 40        | -8.12531         | -0.00311              | PASS    |
|           |           |                      |              |            | 50        | -2.93255         | -0.00112              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -3.29018         | -0.00128              | PASS    |
|           |           |                      |              |            | -20       | -4.36306         | -0.00169              | PASS    |
|           |           |                      |              |            | -10       | -5.13554         | -0.00199              | PASS    |
|           |           |                      |              |            | 0         | -4.84943         | -0.00188              | PASS    |
|           |           |                      |              |            | 10        | 3.34740          | 0.00130               | PASS    |
|           |           |                      |              |            | 20        | -3.80516         | -0.00148              | PASS    |
|           |           |                      |              |            | 30        | -3.79086         | -0.00147              | PASS    |
|           |           |                      |              |            | 40        | -4.94957         | -0.00192              | PASS    |
|           |           |                      |              |            | 50        | -178.11300       | -0.06910              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -2.67506         | -0.00103              | PASS    |
|           |           |                      |              |            | -20       | -2.48909         | -0.00096              | PASS    |
|           |           |                      |              |            | -10       | -5.43594         | -0.00209              | PASS    |
|           |           |                      |              |            | 0         | -0.94414         | -0.00036              | PASS    |
|           |           |                      |              |            | 10        | -3.93391         | -0.00152              | PASS    |
|           |           |                      |              |            | 20        | -2.97546         | -0.00115              | PASS    |
|           |           |                      |              |            | 30        | -5.69344         | -0.00219              | PASS    |
|           |           |                      |              |            | 40        | -0.20027         | -0.00008              | PASS    |
|           |           |                      |              |            | 50        | -3.91960         | -0.00151              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -0.98705         | -0.00038              | PASS    |
|           |           |                      |              |            | -20       | -0.68665         | -0.00026              | PASS    |
|           |           |                      |              |            | -10       | -3.70503         | -0.00142              | PASS    |
|           |           |                      |              |            | 0         | -1.38760         | -0.00053              | PASS    |
|           |           |                      |              |            | 10        | 1.64509          | 0.00063               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -2.57492         | -0.00099              | PASS    |
|           |           |                      |              |            | 30        | 1.78814          | 0.00068               | PASS    |
|           |           |                      |              |            | 40        | 1.85966          | 0.00071               | PASS    |
|           |           |                      |              |            | 50        | -0.62943         | -0.00024              | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -4.14848         | -0.00161              | PASS    |
|           |           |                      |              |            | -20       | 0.08583          | 0.00003               | PASS    |
|           |           |                      |              |            | -10       | -3.41892         | -0.00133              | PASS    |
|           |           |                      |              |            | 0         | -2.68936         | -0.00104              | PASS    |
|           |           |                      |              |            | 10        | 1.20163          | 0.00047               | PASS    |
|           |           |                      |              |            | 20        | -0.27180         | -0.00011              | PASS    |
|           |           |                      |              |            | 30        | 0.00000          | 0.00000               | PASS    |
|           |           |                      |              |            | 40        | -2.70367         | -0.00105              | PASS    |
|           |           |                      |              |            | 50        | -45.57610        | -0.01767              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -3.76225         | -0.00145              | PASS    |
|           |           |                      |              |            | -20       | -0.52929         | -0.00020              | PASS    |
|           |           |                      |              |            | -10       | 0.30041          | 0.00012               | PASS    |
|           |           |                      |              |            | 0         | -4.00543         | -0.00154              | PASS    |
|           |           |                      |              |            | 10        | -1.75953         | -0.00068              | PASS    |
|           |           |                      |              |            | 20        | -3.10421         | -0.00120              | PASS    |
|           |           |                      |              |            | 30        | 1.61648          | 0.00062               | PASS    |
|           |           |                      |              |            | 40        | -4.72069         | -0.00182              | PASS    |
|           |           |                      |              |            | 50        | -1.80244         | -0.00069              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -0.08583         | -0.00003              | PASS    |
|           |           |                      |              |            | -20       | -0.95844         | -0.00037              | PASS    |
|           |           |                      |              |            | -10       | -3.06129         | -0.00117              | PASS    |
|           |           |                      |              |            | 0         | -1.97411         | -0.00076              | PASS    |
|           |           |                      |              |            | 10        | -1.90258         | -0.00073              | PASS    |
|           |           |                      |              |            | 20        | -2.20299         | -0.00084              | PASS    |
|           |           |                      |              |            | 30        | 1.37329          | 0.00053               | PASS    |
|           |           |                      |              |            | 40        | -0.87261         | -0.00033              | PASS    |
|           |           |                      |              |            | 50        | -1.58787         | -0.00061              | PASS    |

END