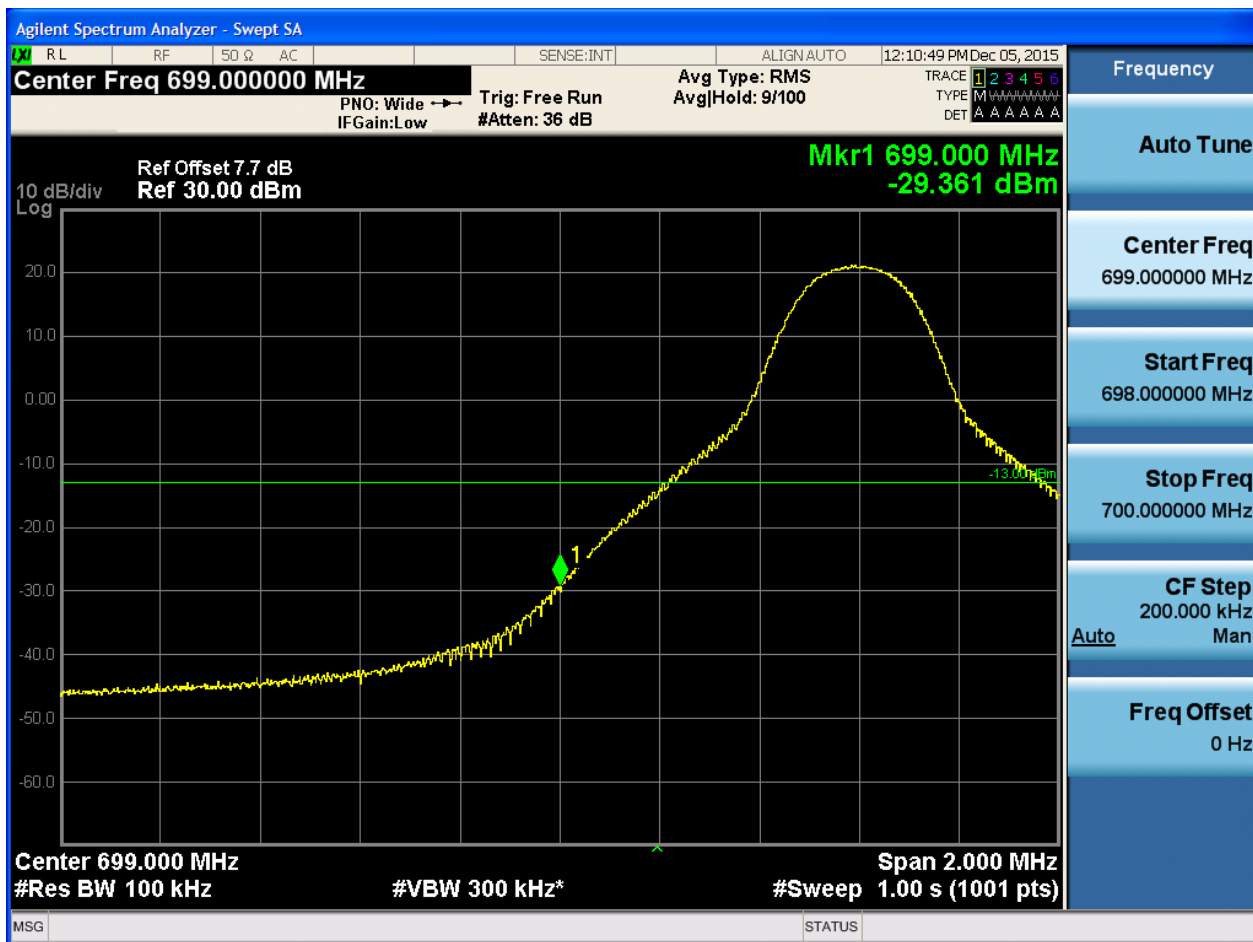




## 5.1.1.2.4 Test Bandwidth = 10

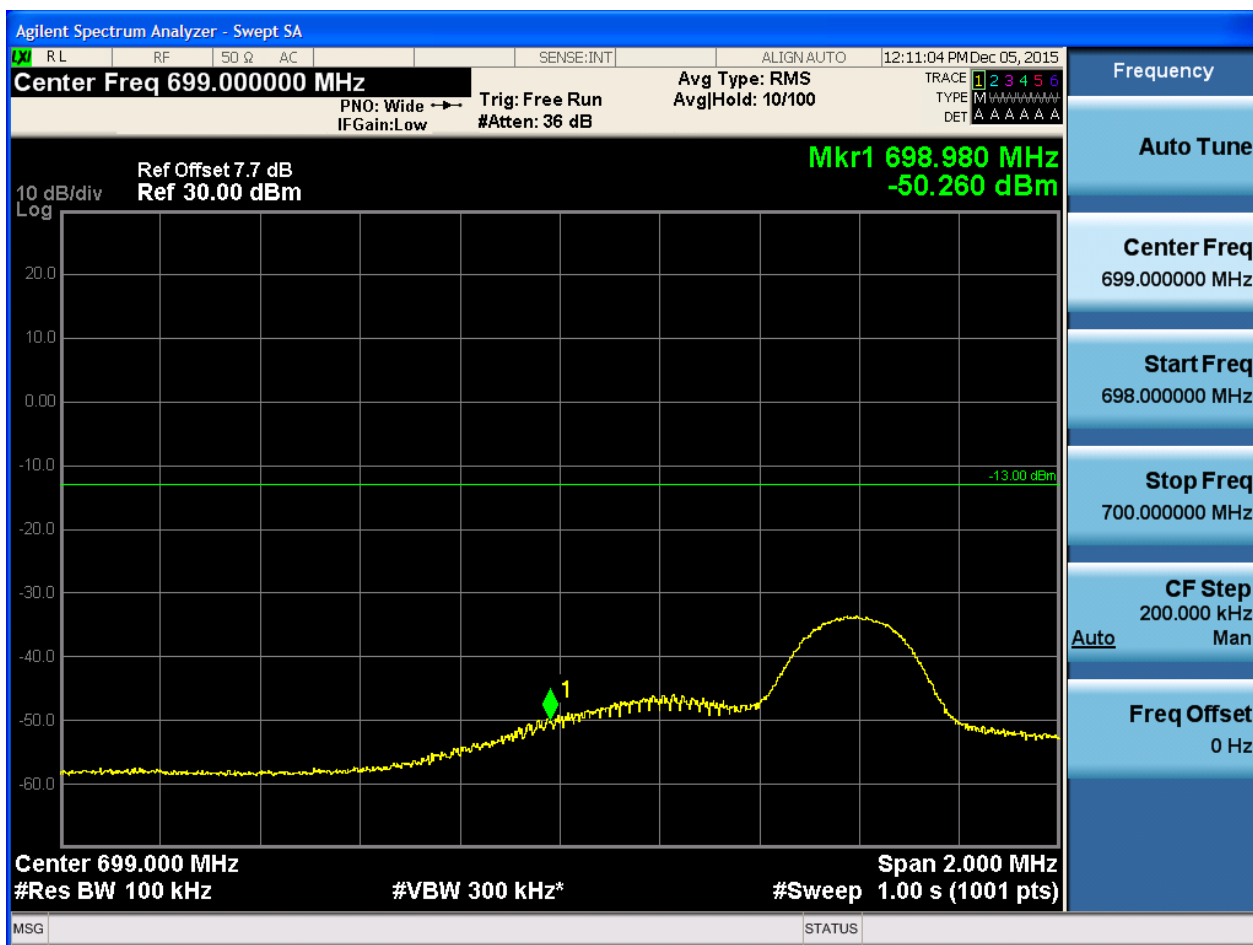
## 5.1.1.2.4.1 Test Channel = LCH

## 5.1.1.2.4.1.1 Test RB = RB1#0



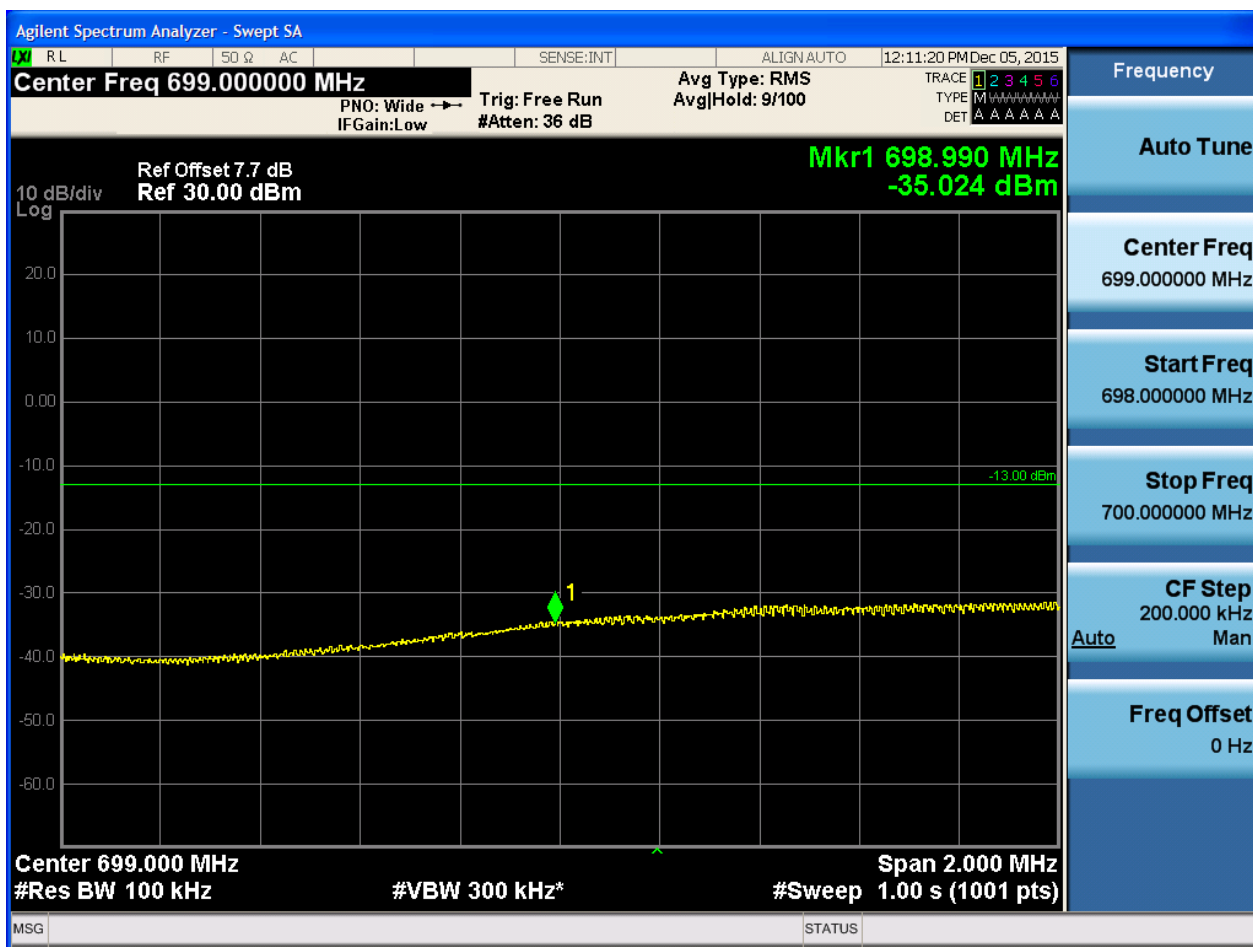


## 5.1.1.2.4.1.2 Test RB = RB1#49





## 5.1.1.2.4.1.3 Test RB = RB25#13



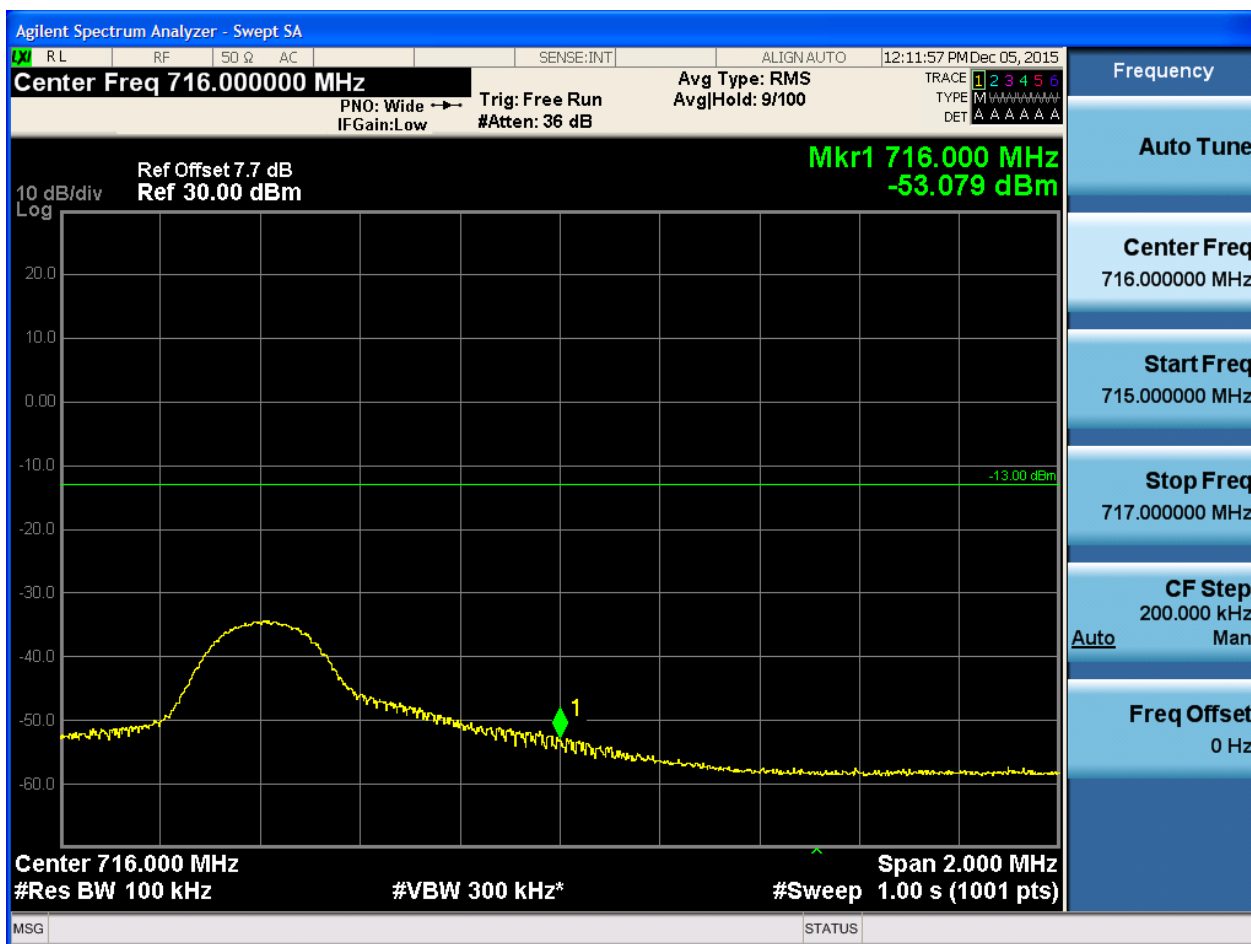


## 5.1.1.2.4.1.4 Test RB = RB50#0

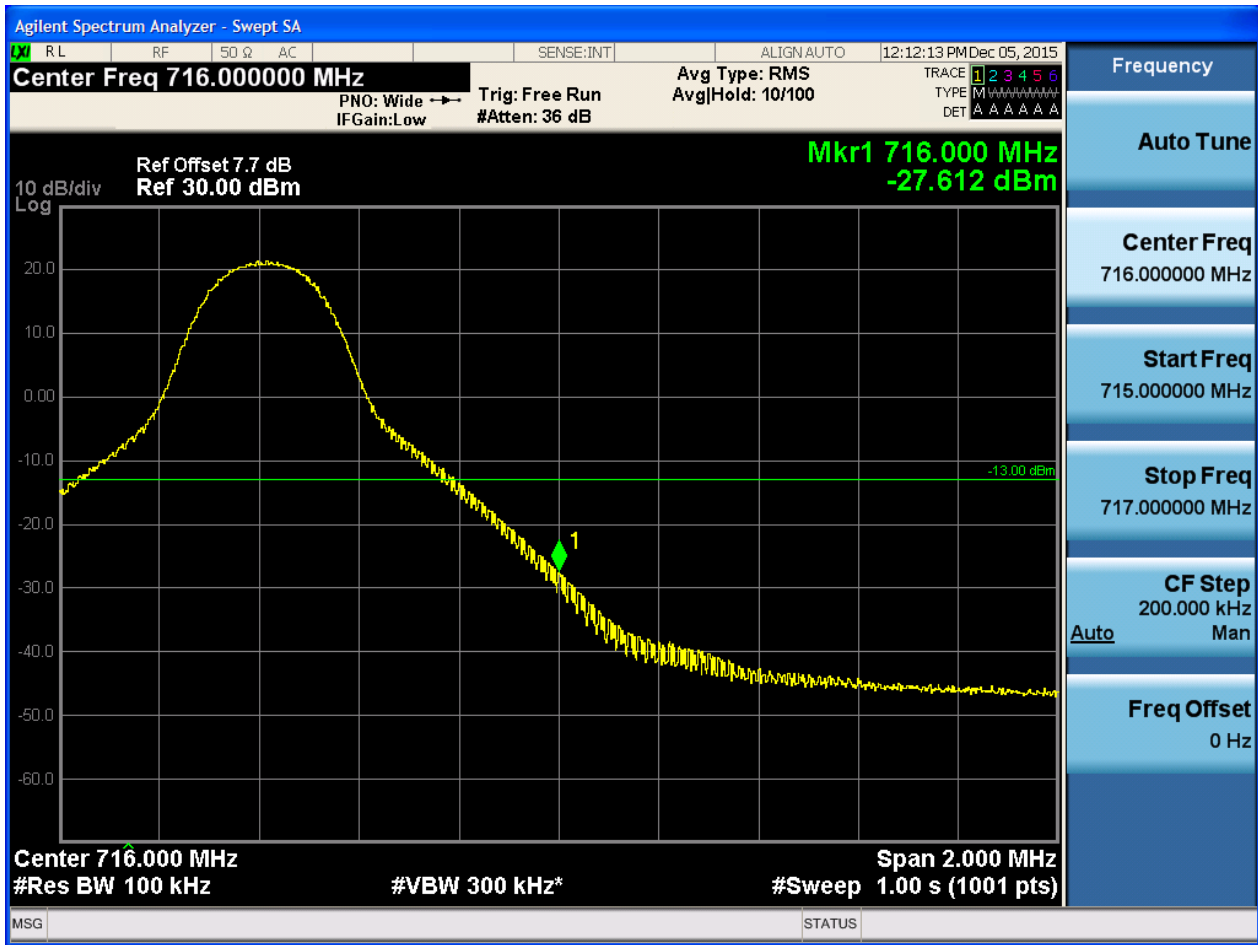


### 5.1.1.2.4.2 Test Channel = HCH

#### 5.1.1.2.4.2.1 Test RB = RB1#0



#### 5.1.1.2.4.2.2 Test RB = RB1#49





## 5.1.1.2.4.2.3 Test RB = RB25#13





## 5.1.1.2.4.2.4 Test RB = RB50#0



## 6Appendix\_F: Spurious Emission at Antenna Terminal

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

### Part I - Test Plots

#### 6.1 For LTE

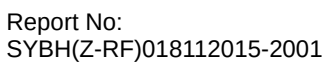
##### 6.1.1 Test Band = BAND12

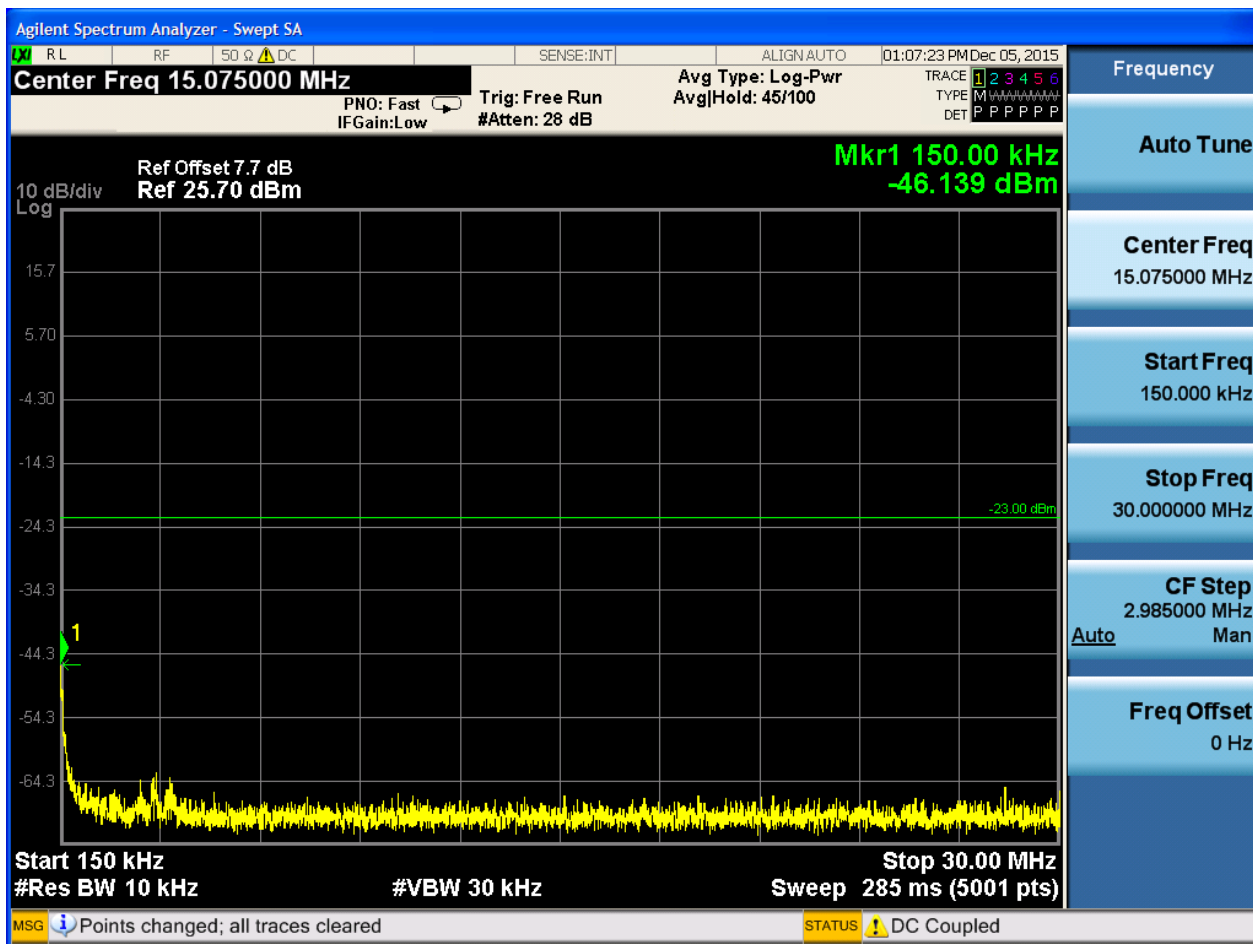
##### 6.1.1.1 Test Mode = LTE/TM1

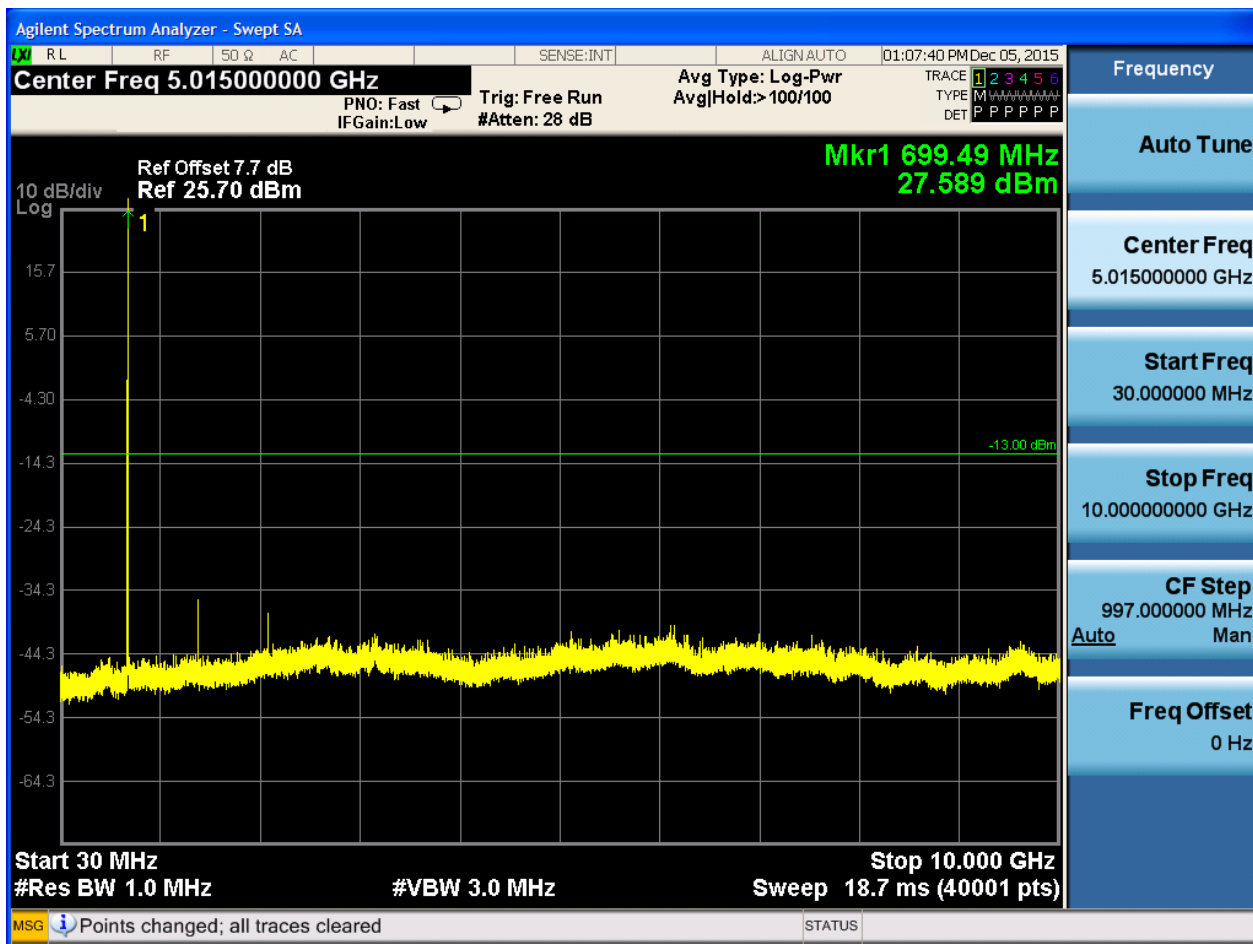
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1.1 Test RB = RB1#0



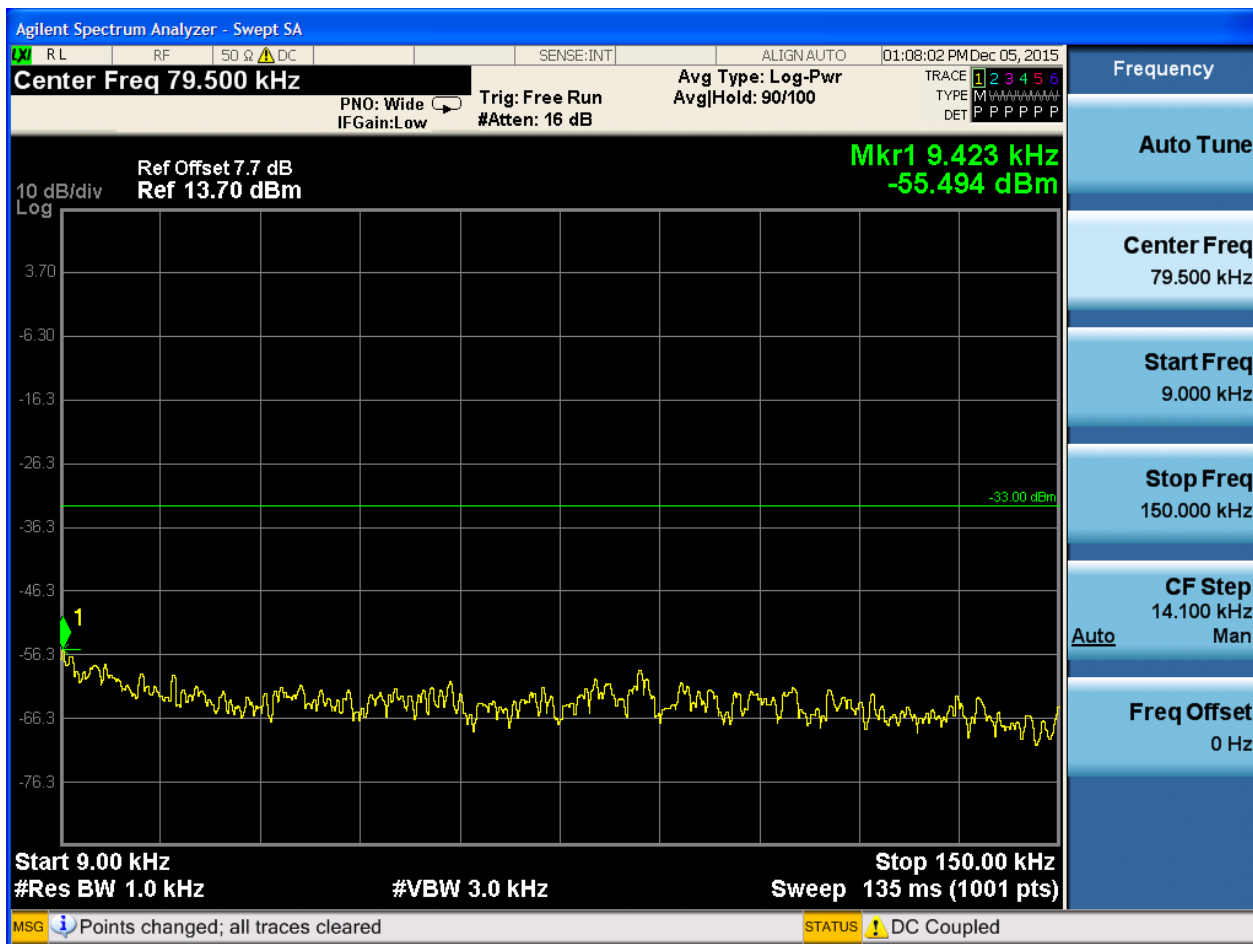


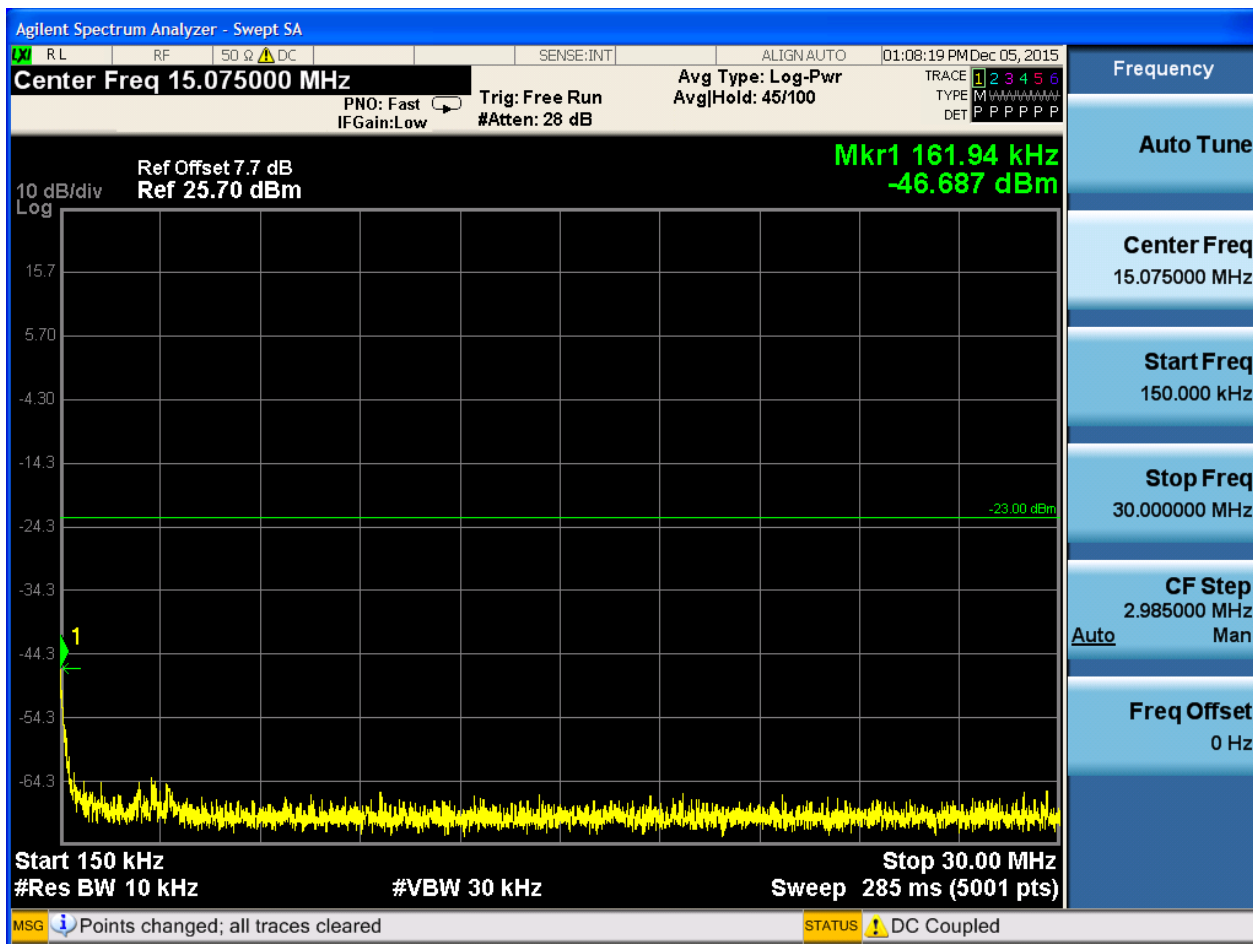


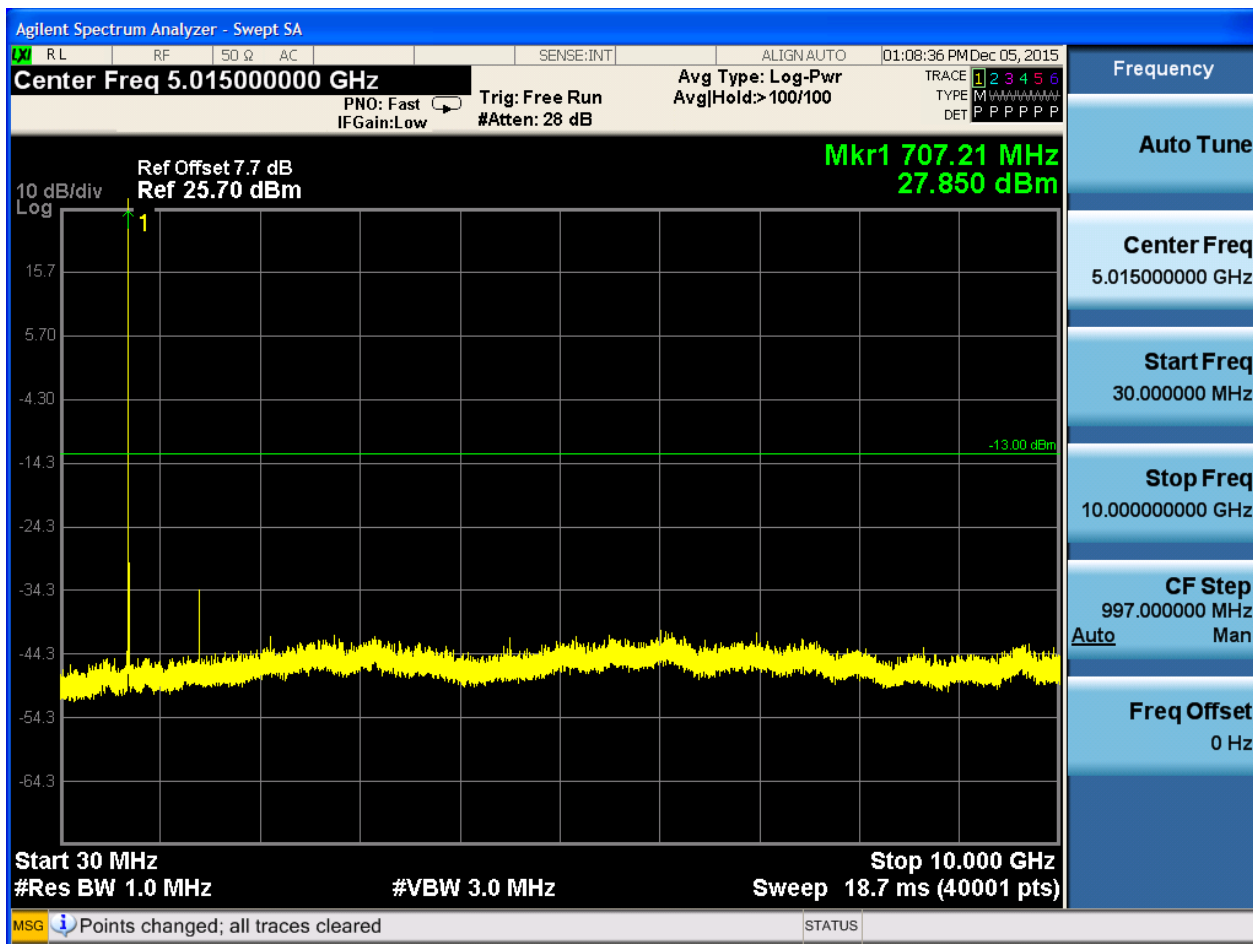


## 6.1.1.1.1.2 Test Channel = MCH

## 6.1.1.1.1.2.1 Test RB = RB1#0

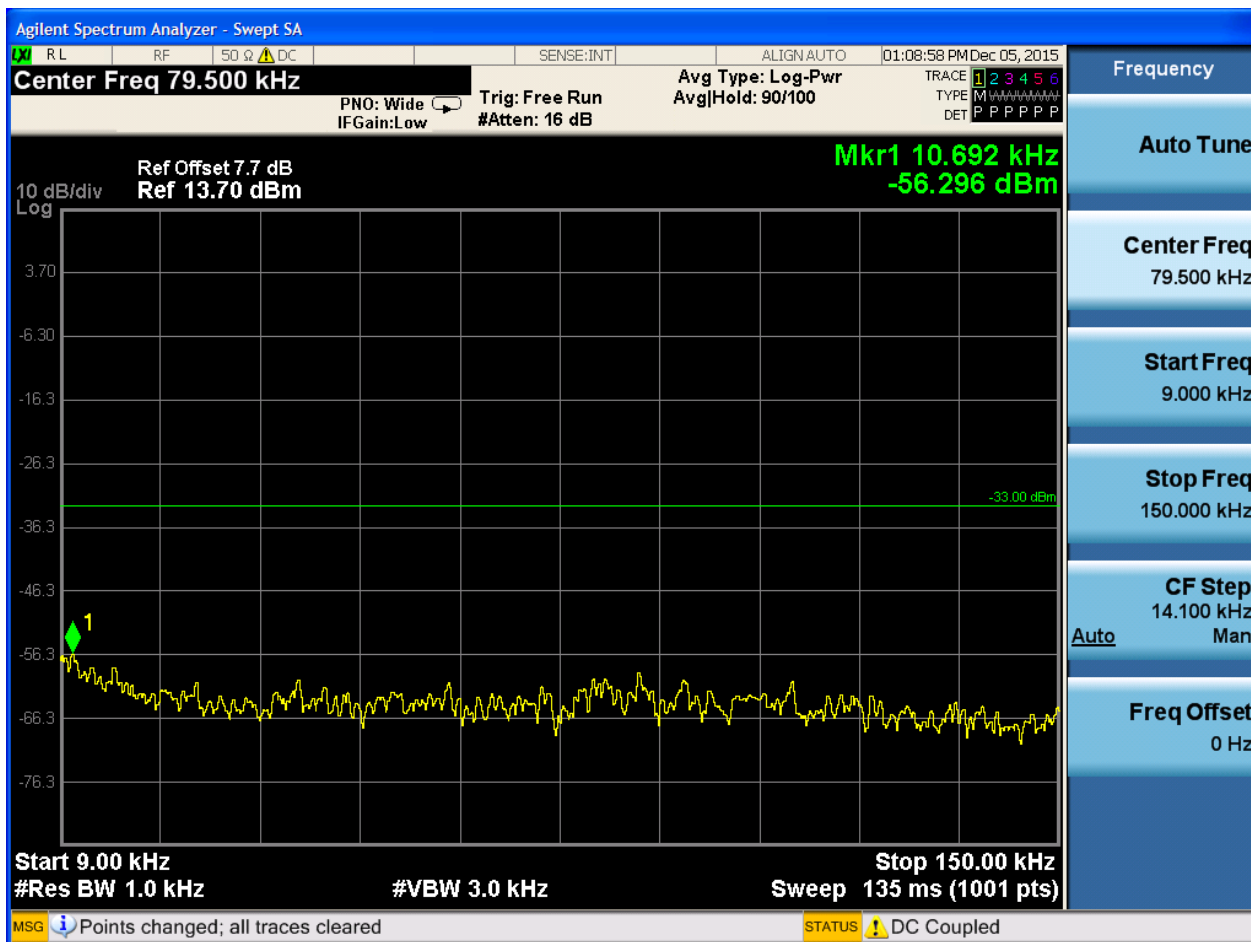


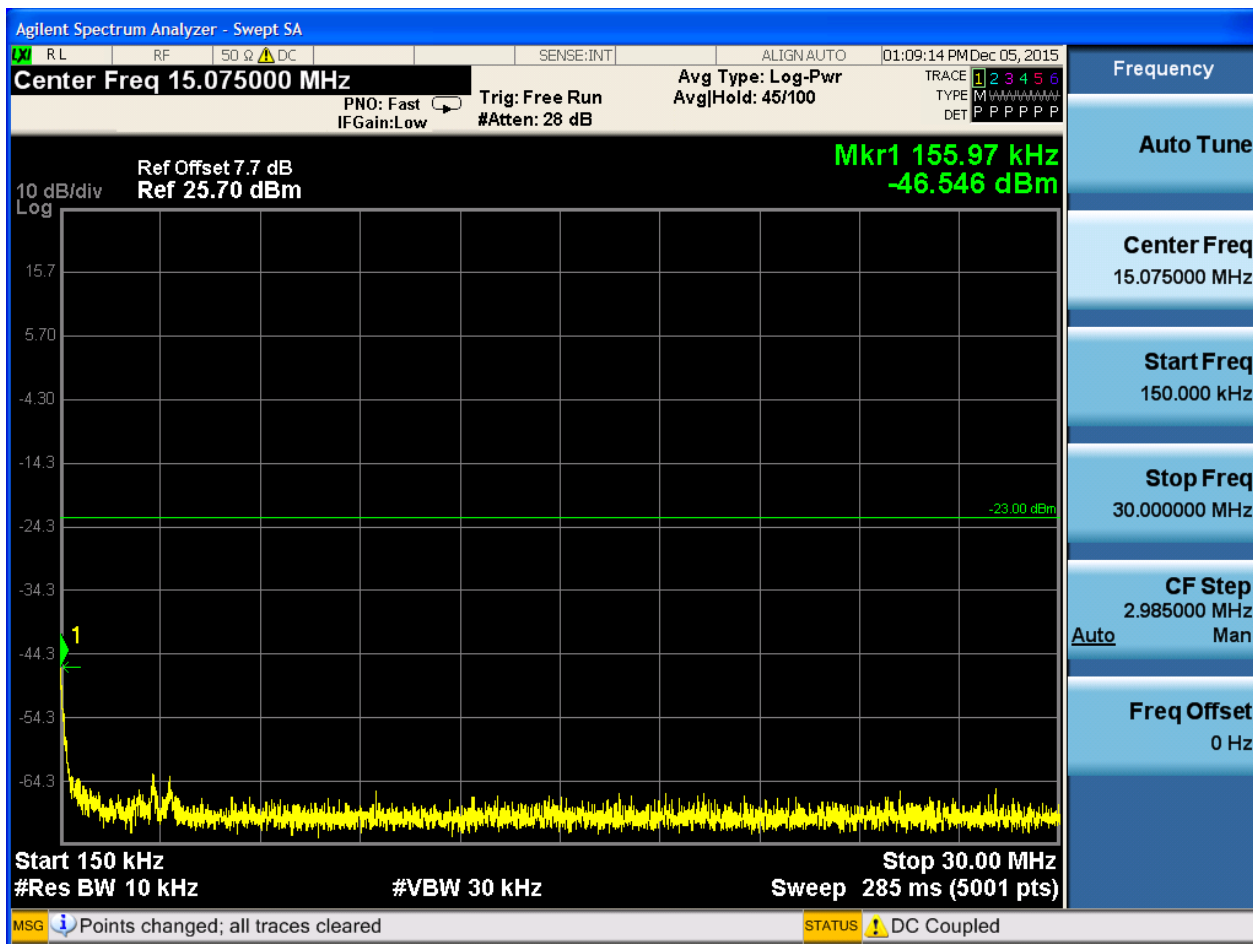


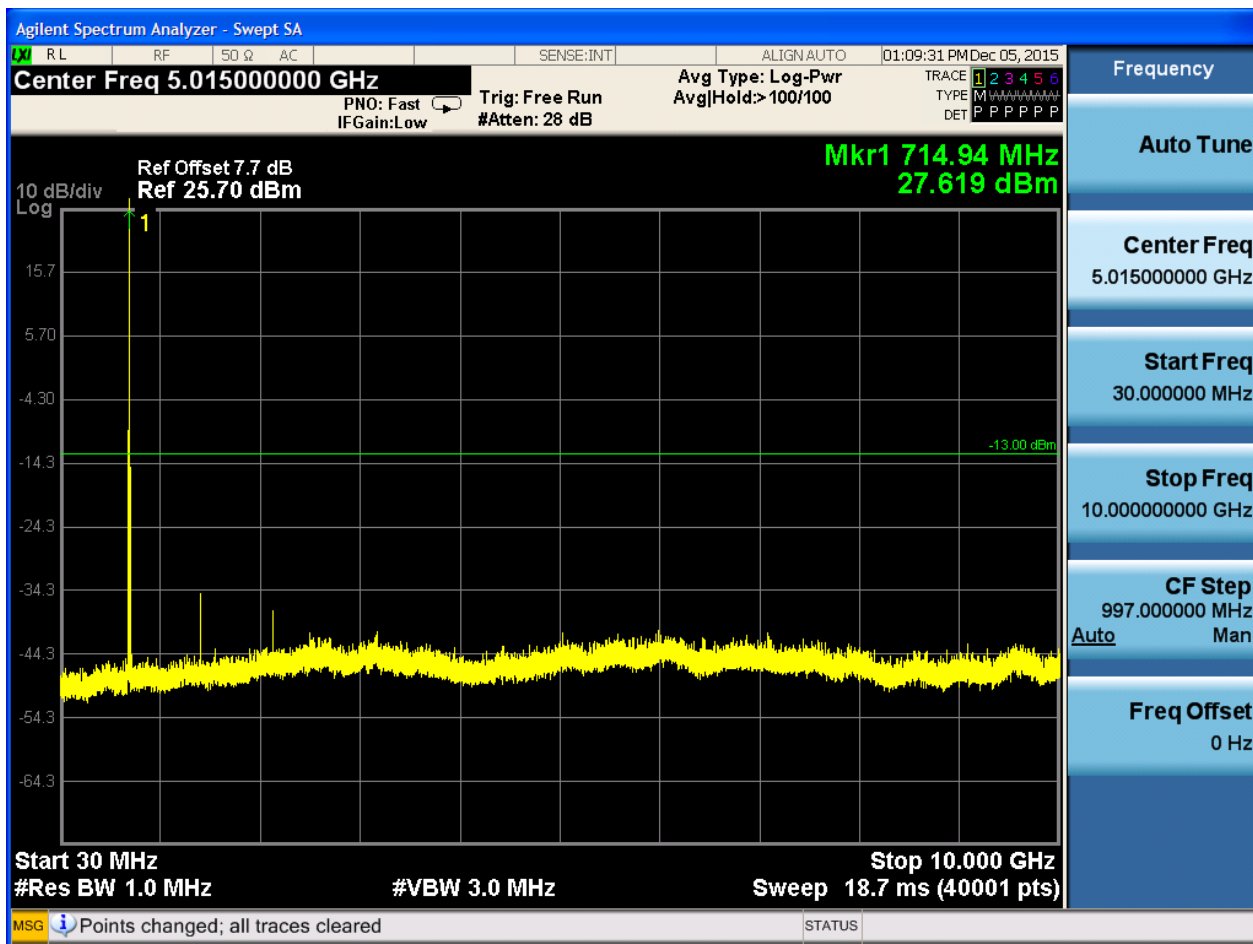


### 6.1.1.1.1.3 Test Channel = HCH

#### 6.1.1.1.1.3.1 Test RB = RB1#0





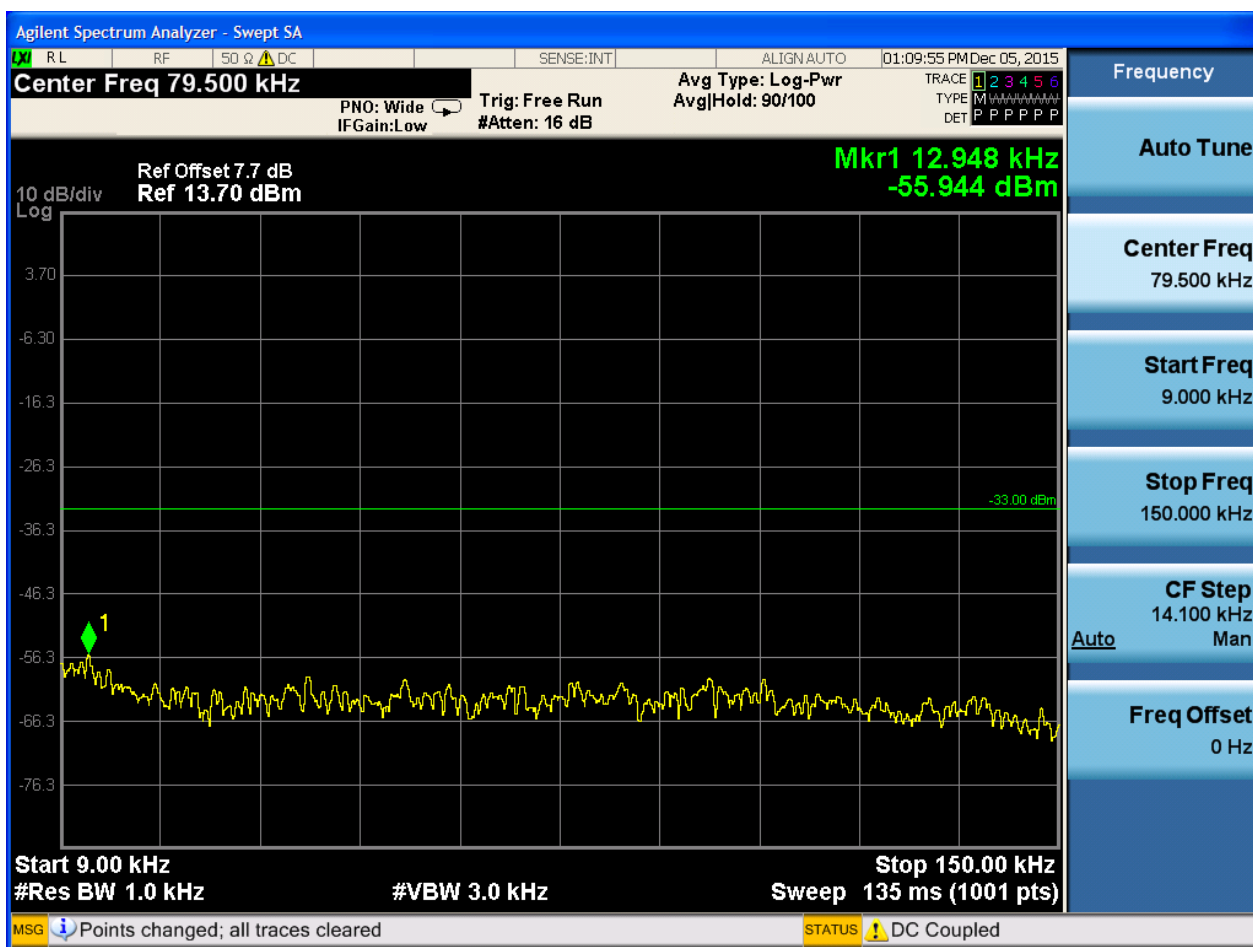


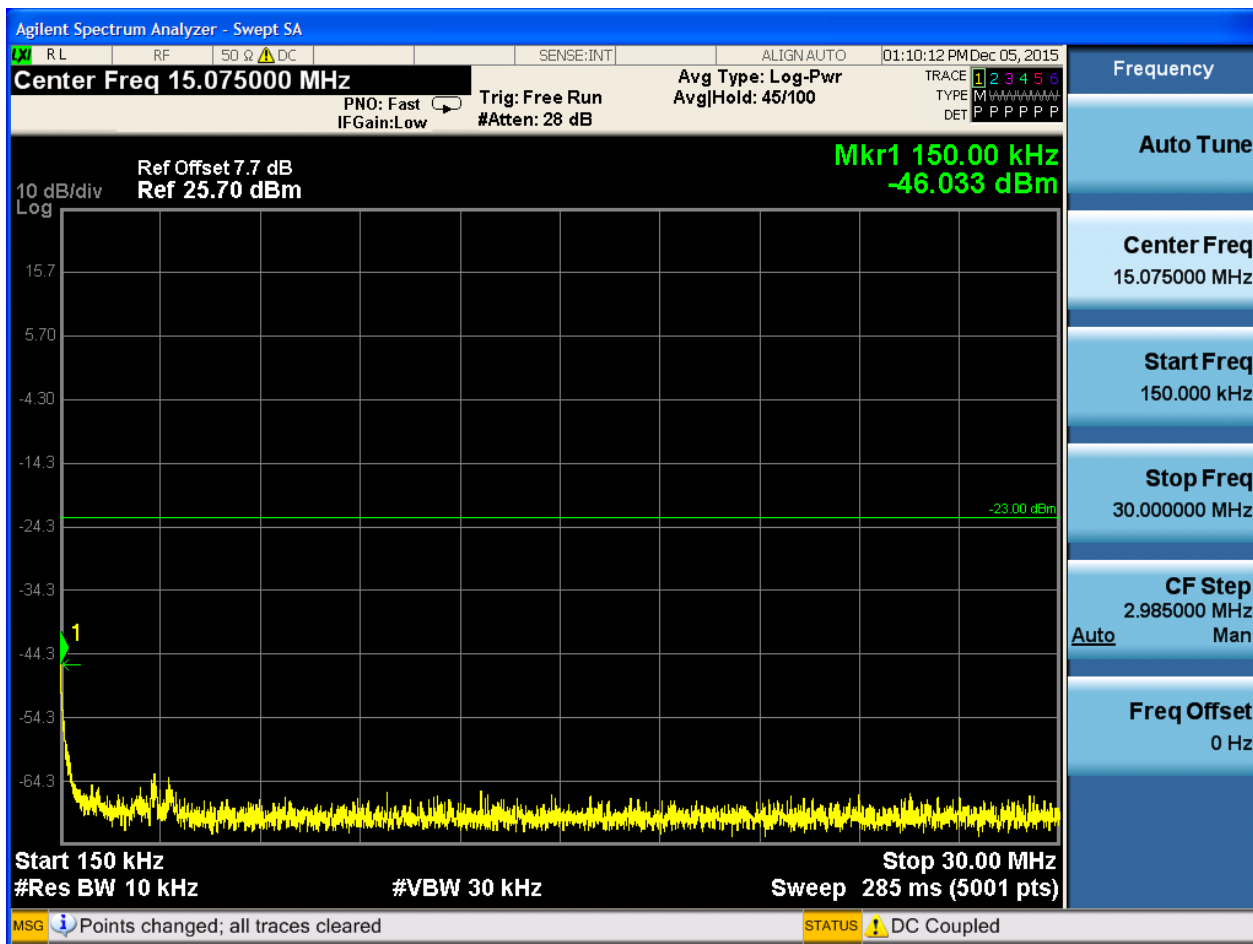


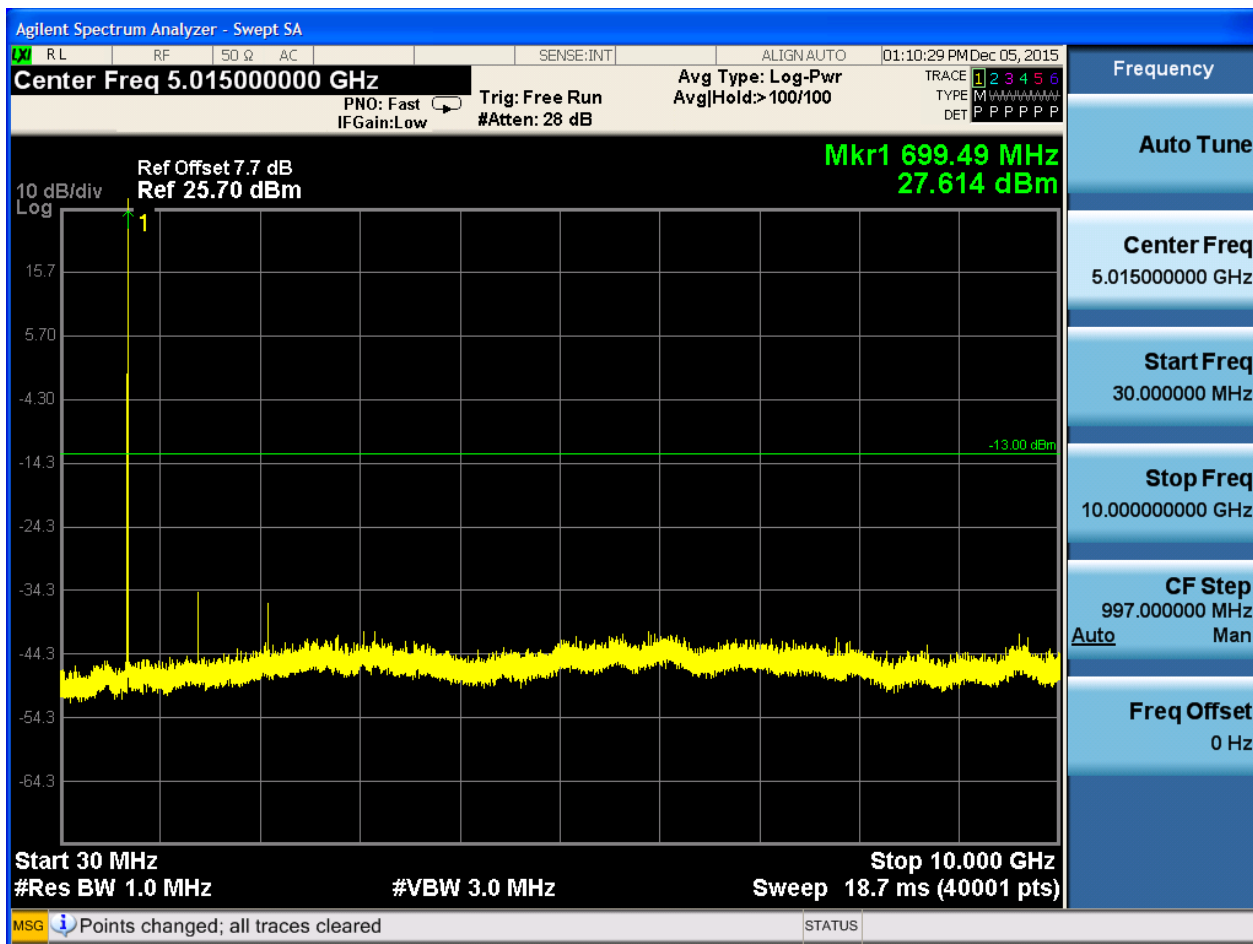
## 6.1.1.1.2 Test Bandwidth = 3

## 6.1.1.1.2.1 Test Channel = LCH

## 6.1.1.1.2.1.1 Test RB = RB1#0



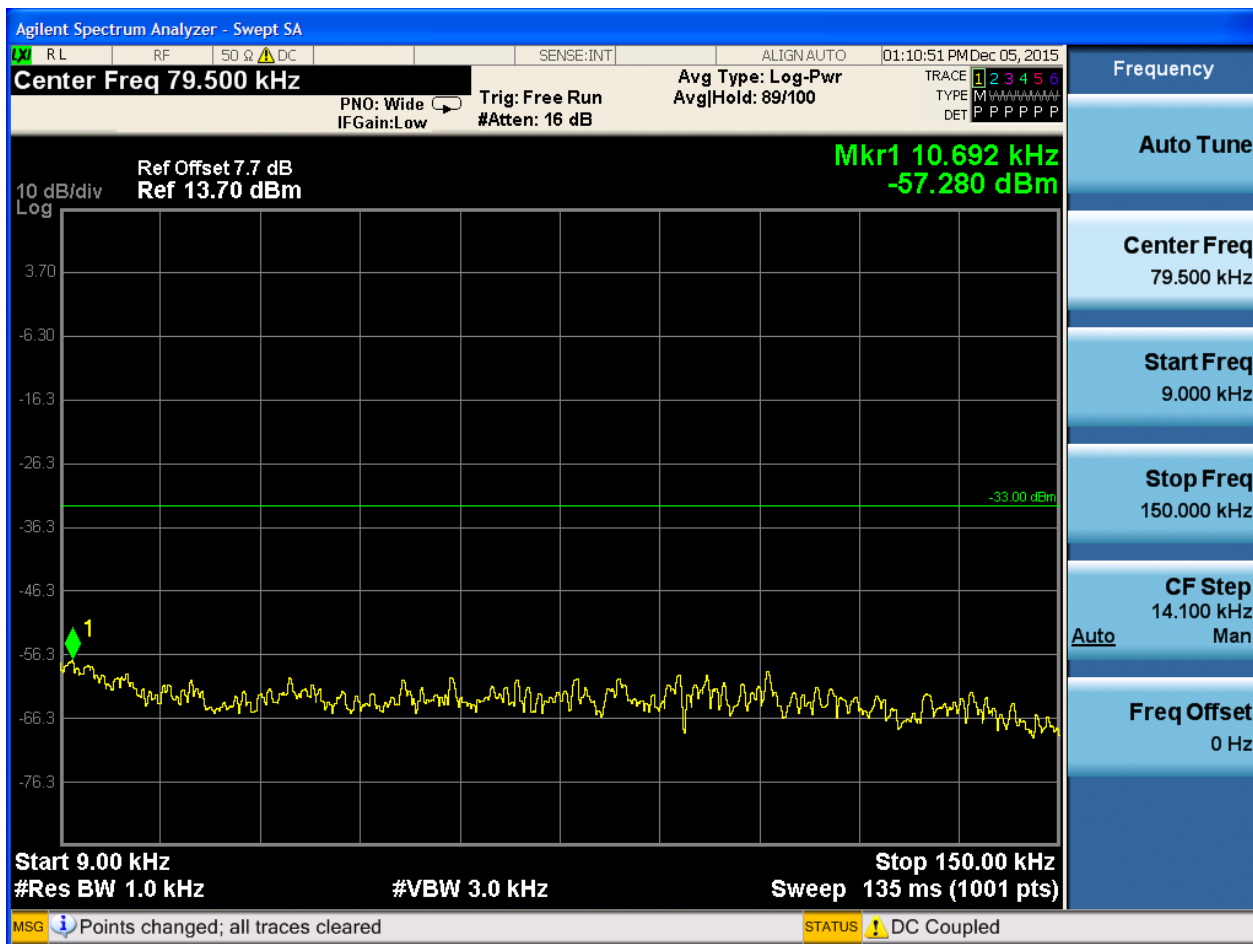


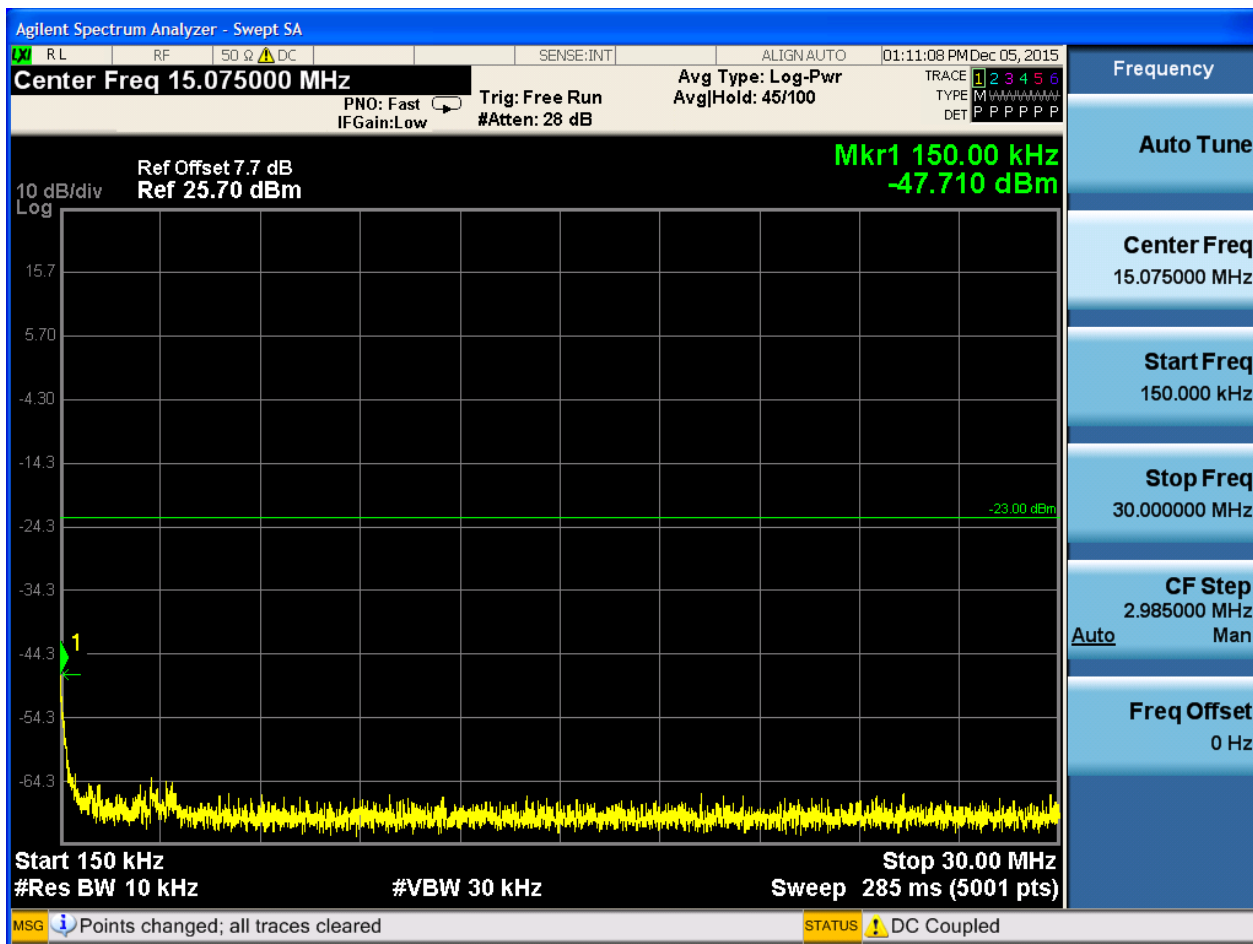


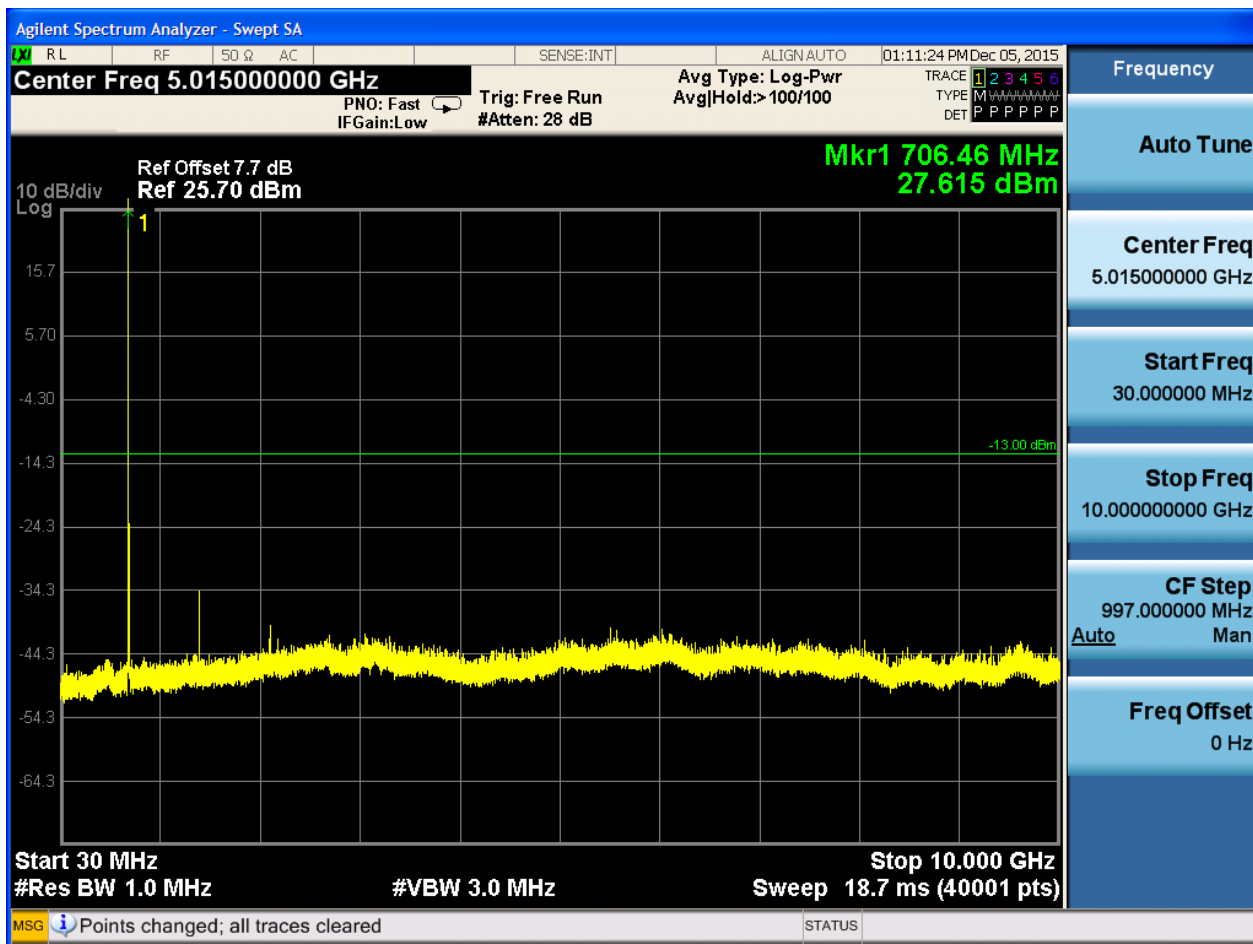


## 6.1.1.1.2.2 Test Channel = MCH

## 6.1.1.1.2.2.1 Test RB = RB1#0



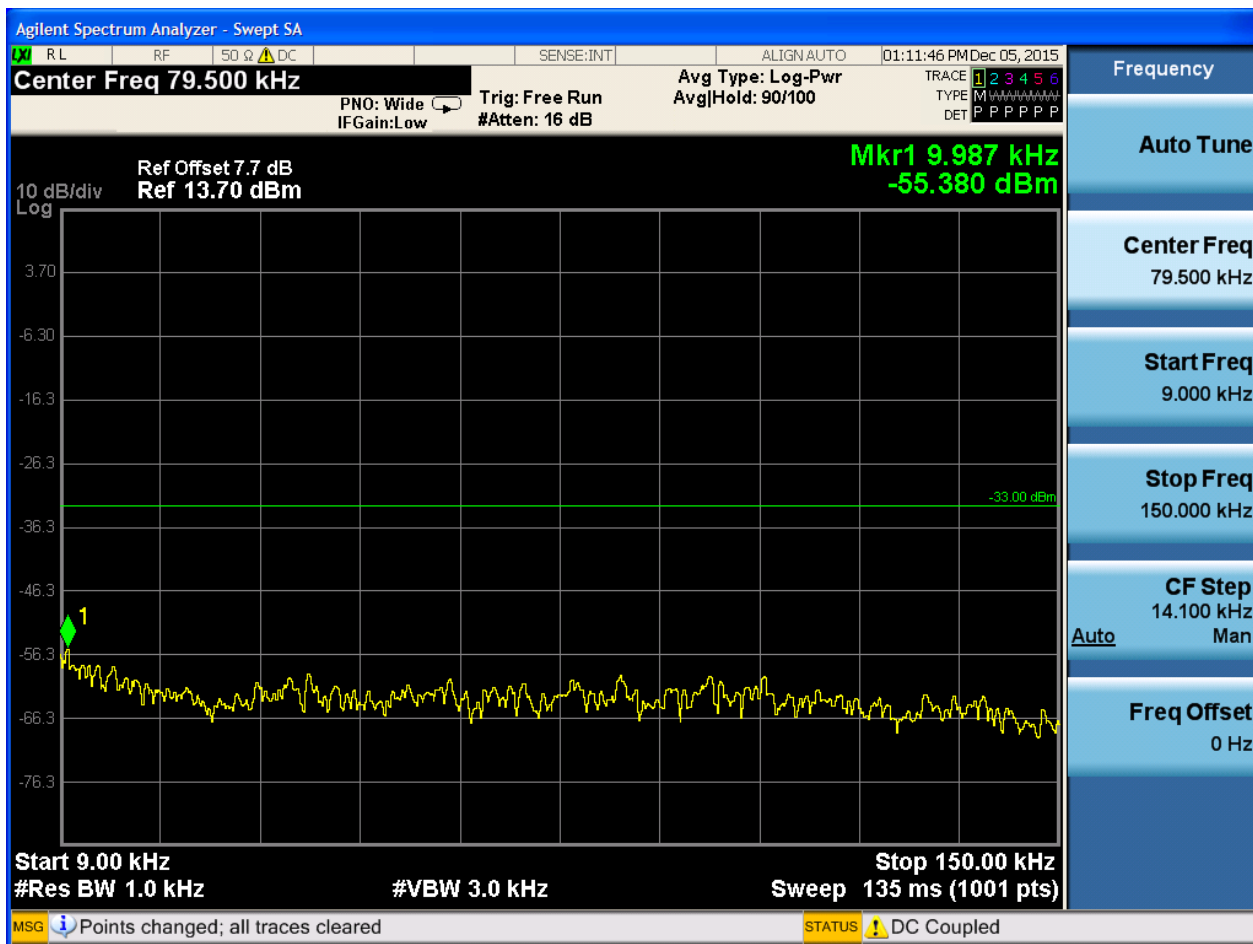


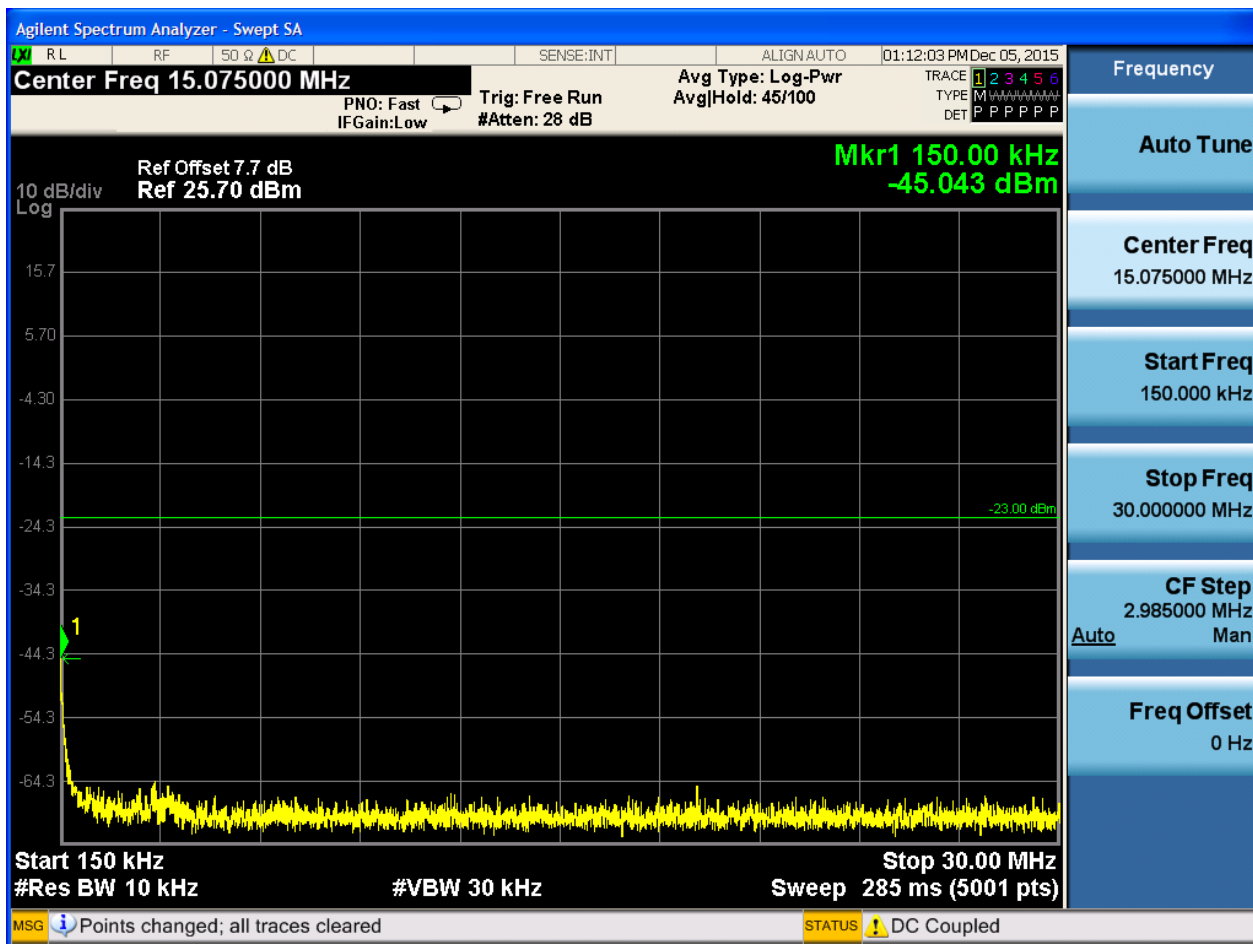


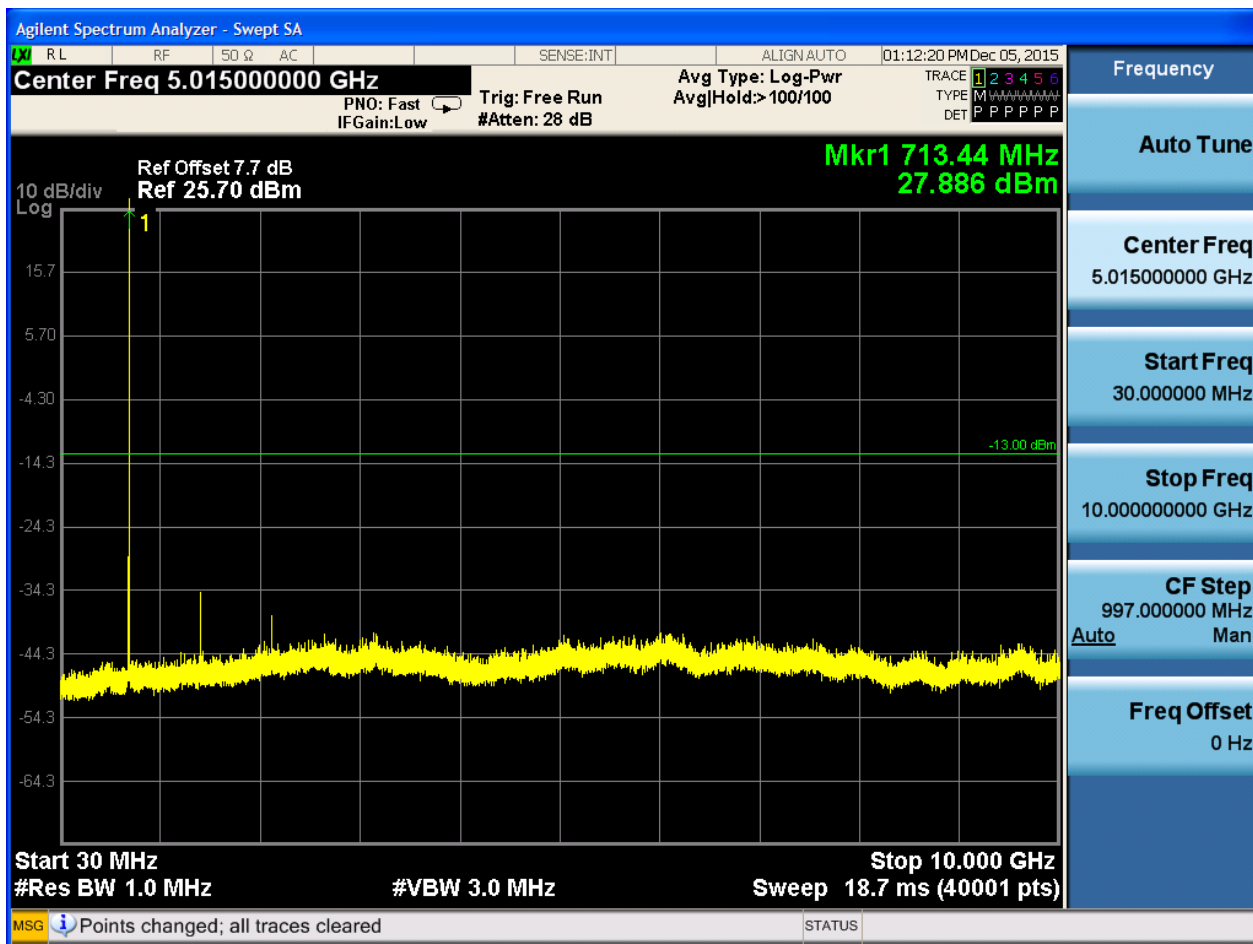


## 6.1.1.1.2.3 Test Channel = HCH

## 6.1.1.1.2.3.1 Test RB = RB1#0





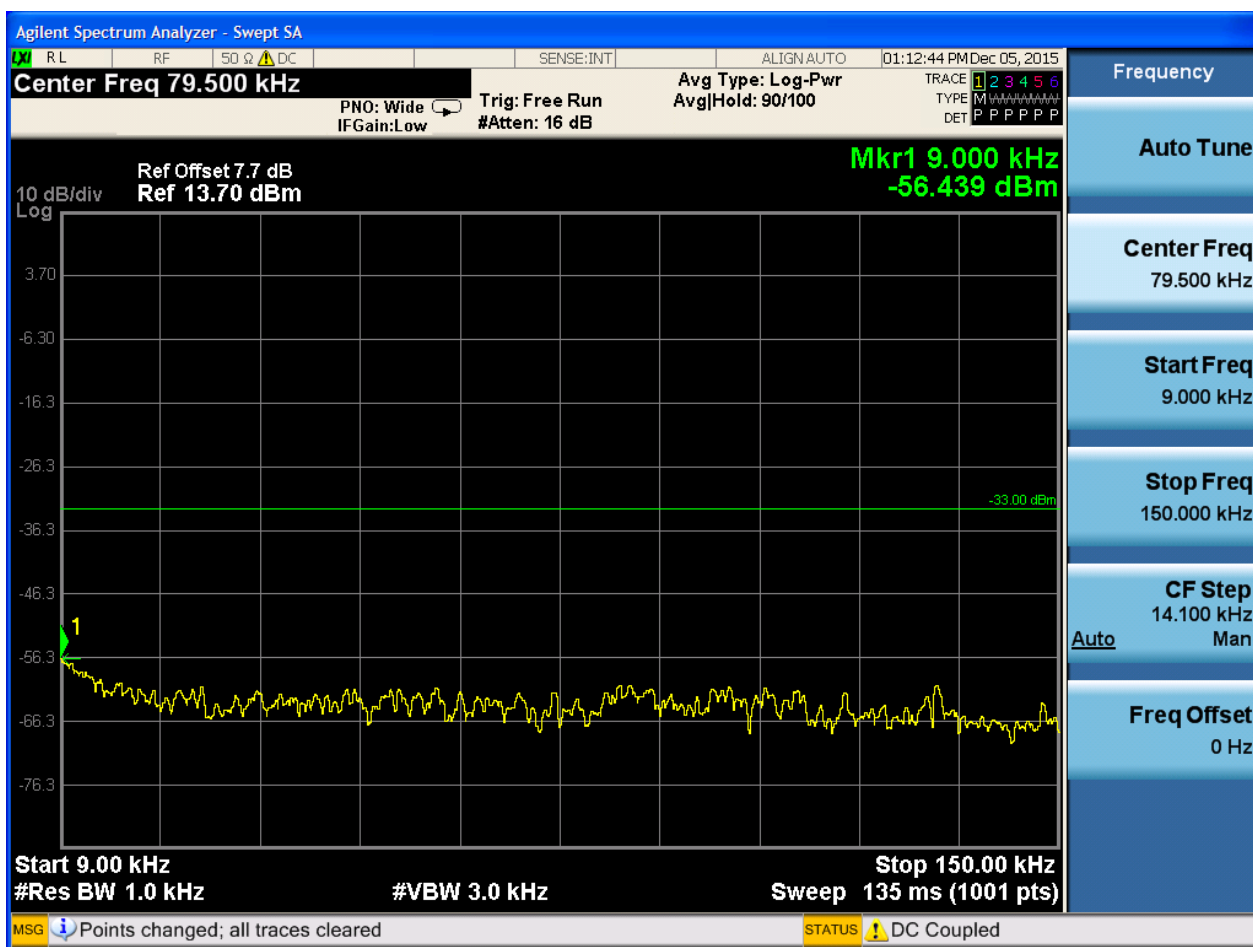


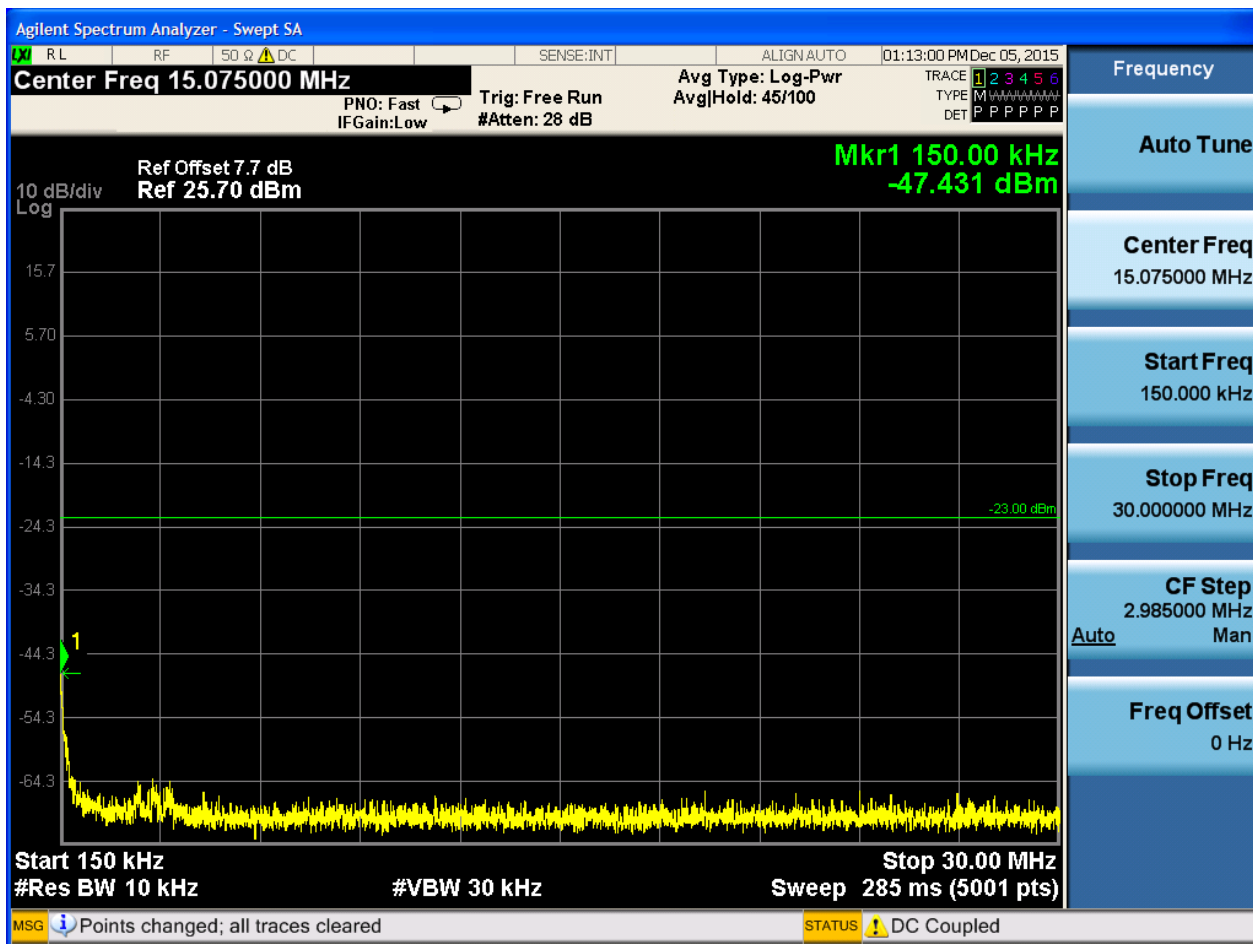


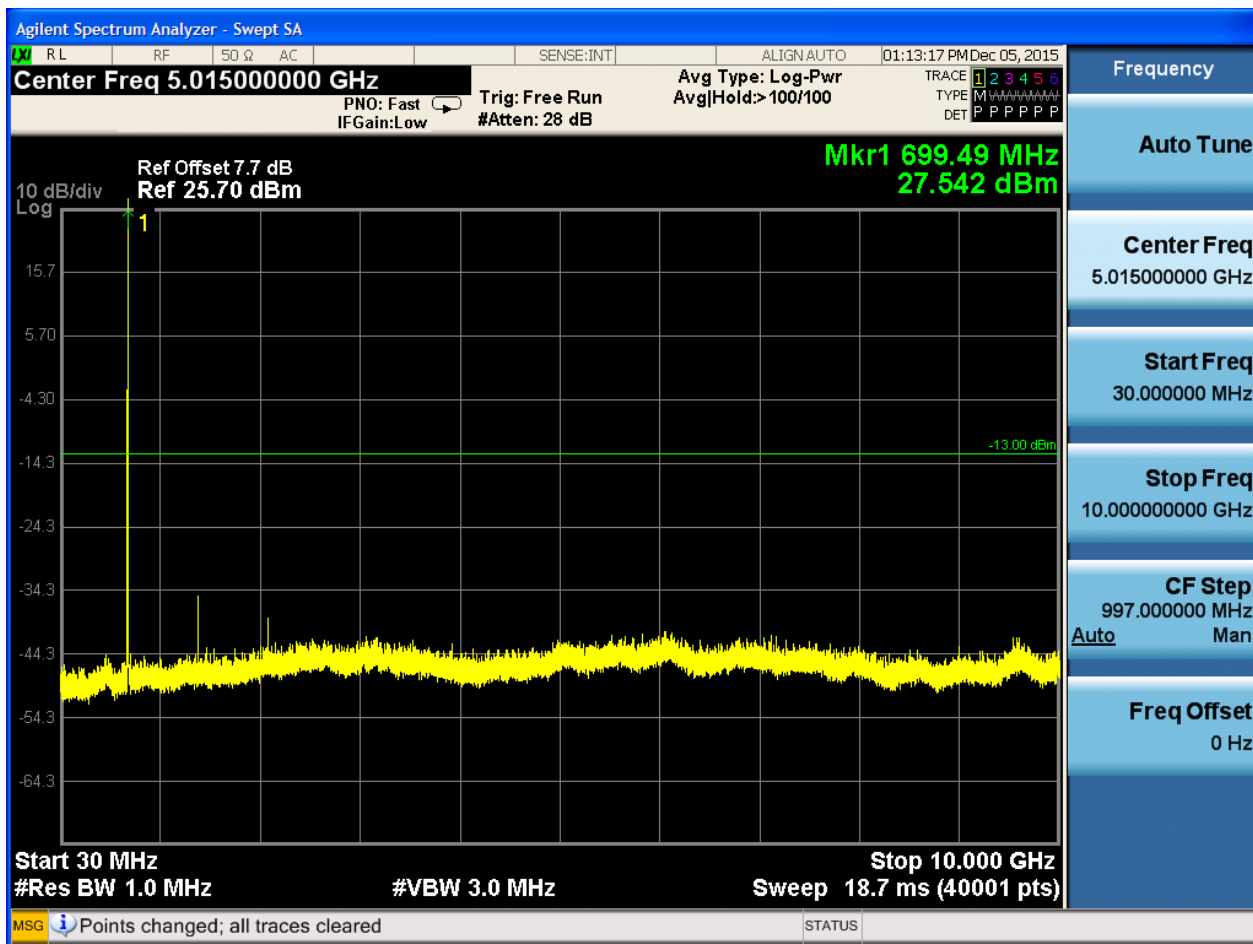
## 6.1.1.1.3 Test Bandwidth = 5

## 6.1.1.1.3.1 Test Channel = LCH

## 6.1.1.1.3.1.1 Test RB = RB1#0



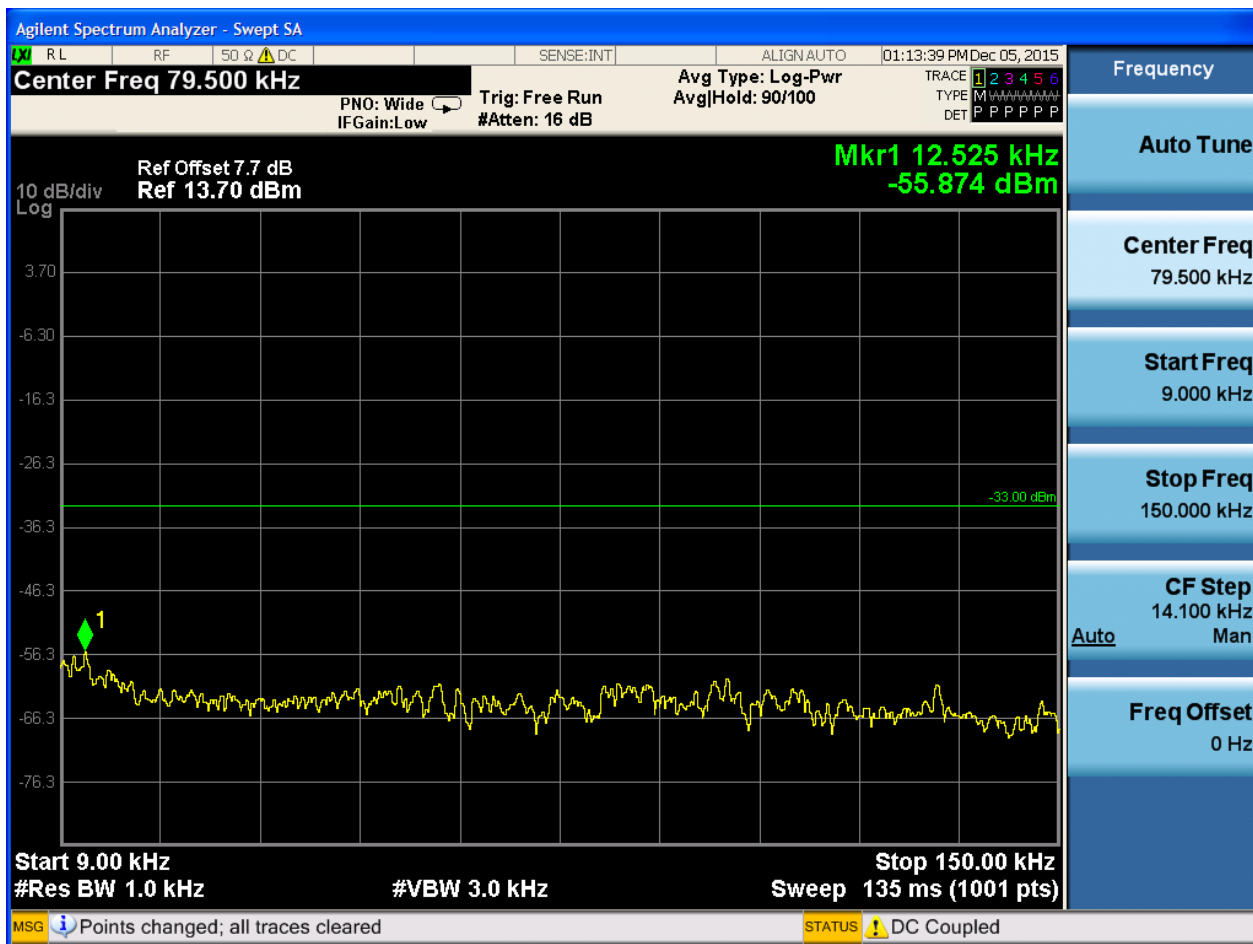


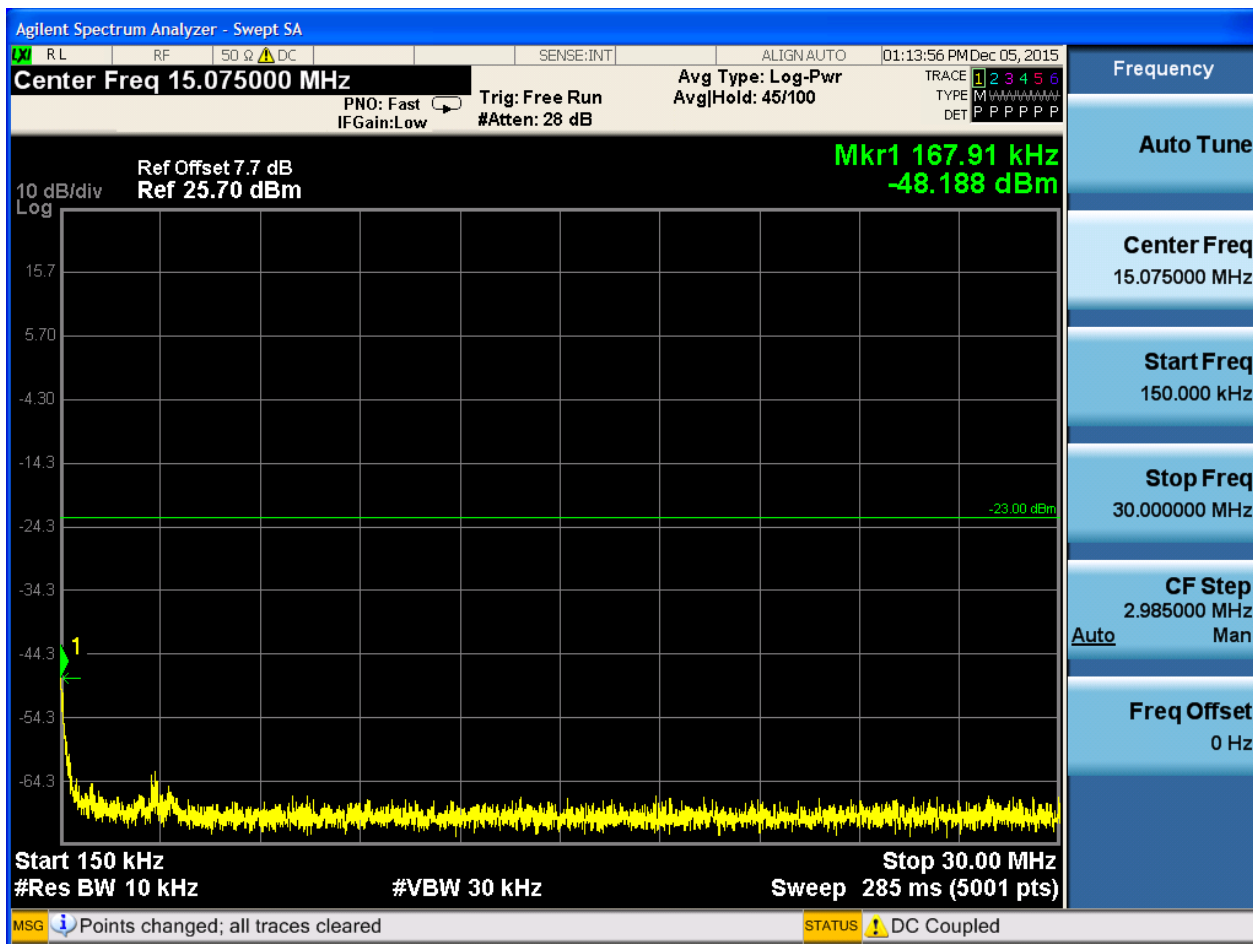


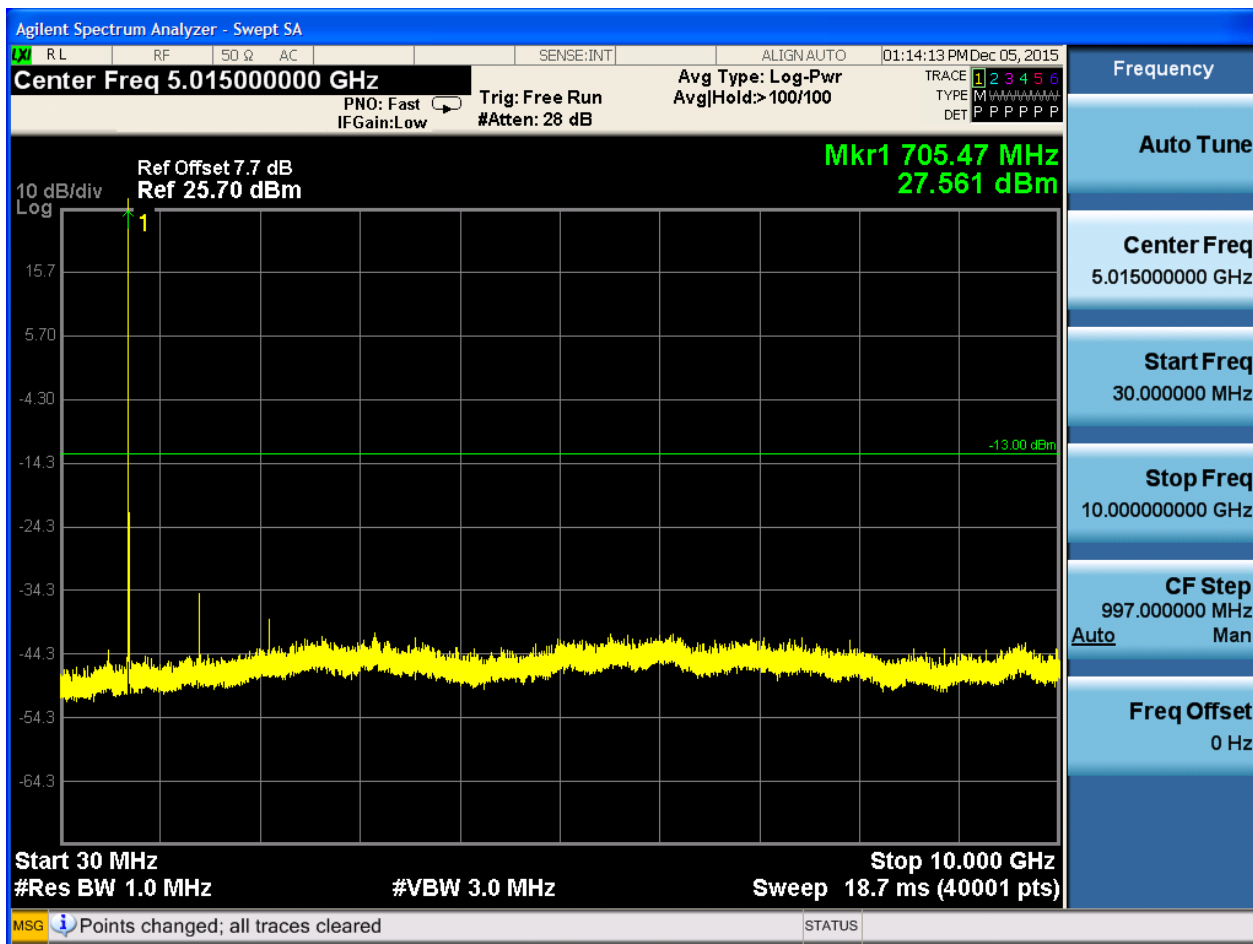


## 6.1.1.1.3.2 Test Channel = MCH

## 6.1.1.1.3.2.1 Test RB = RB1#0

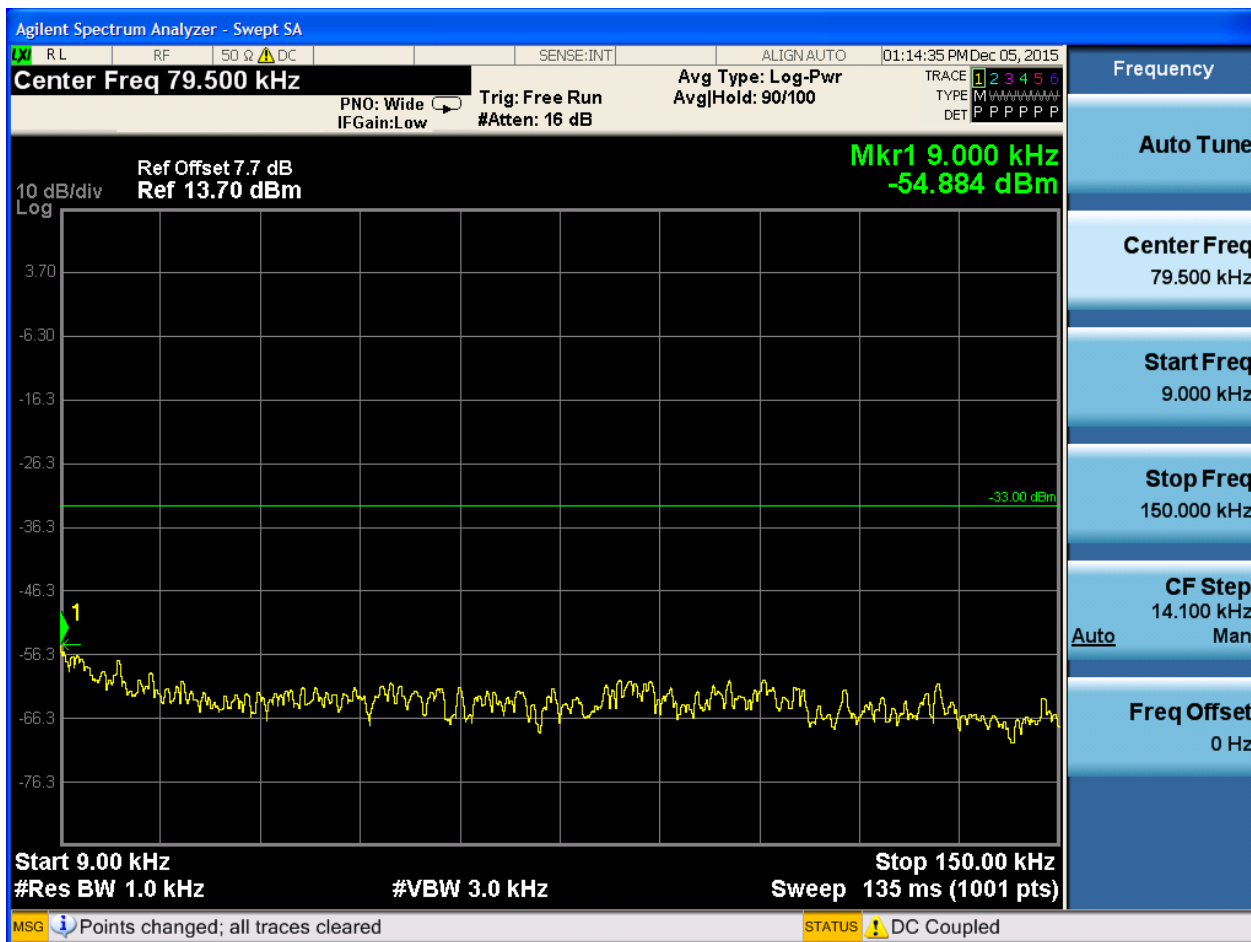


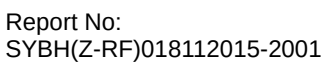


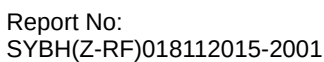


### 6.1.1.1.3.3 Test Channel = HCH

#### 6.1.1.1.3.3.1 Test RB = RB1#0



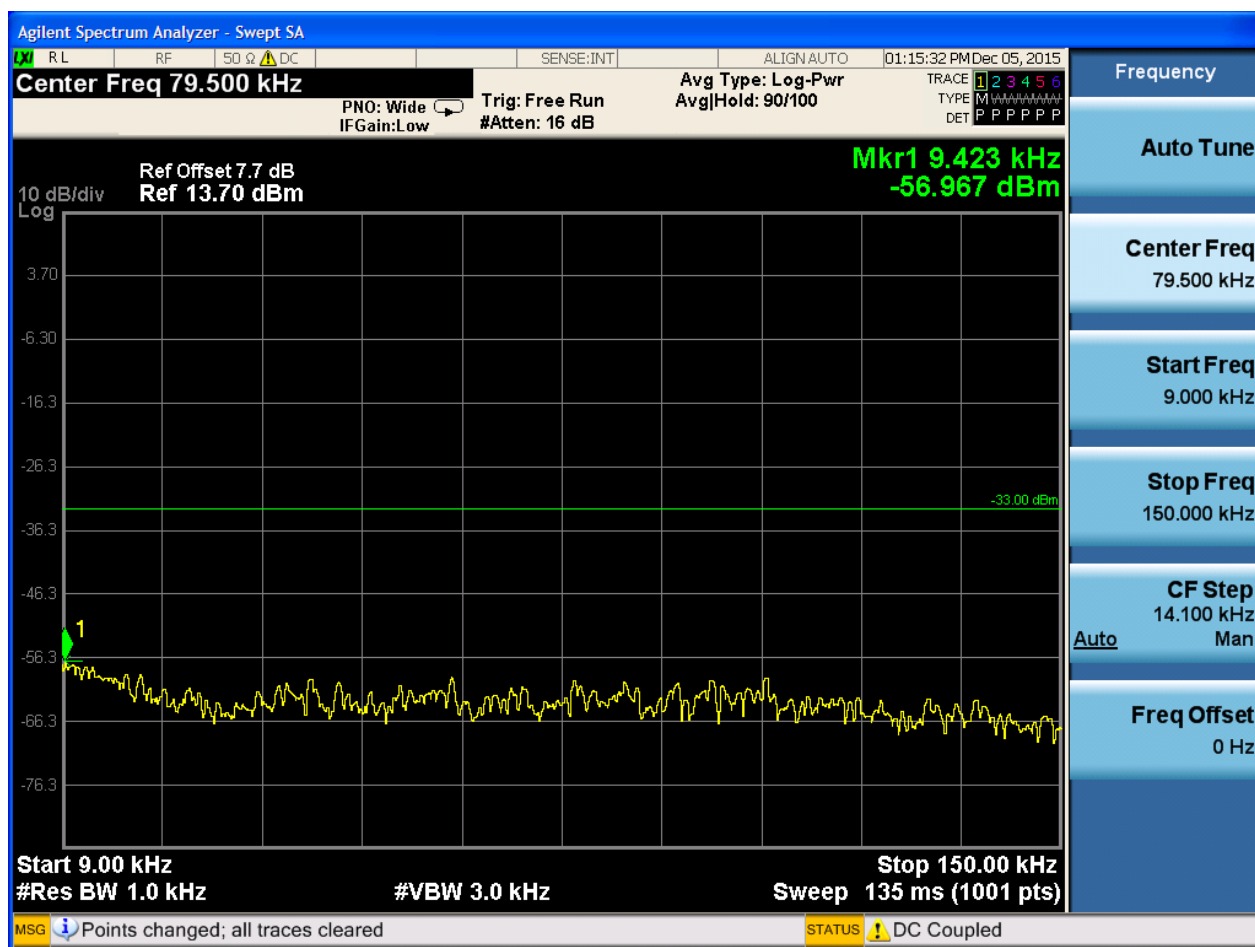


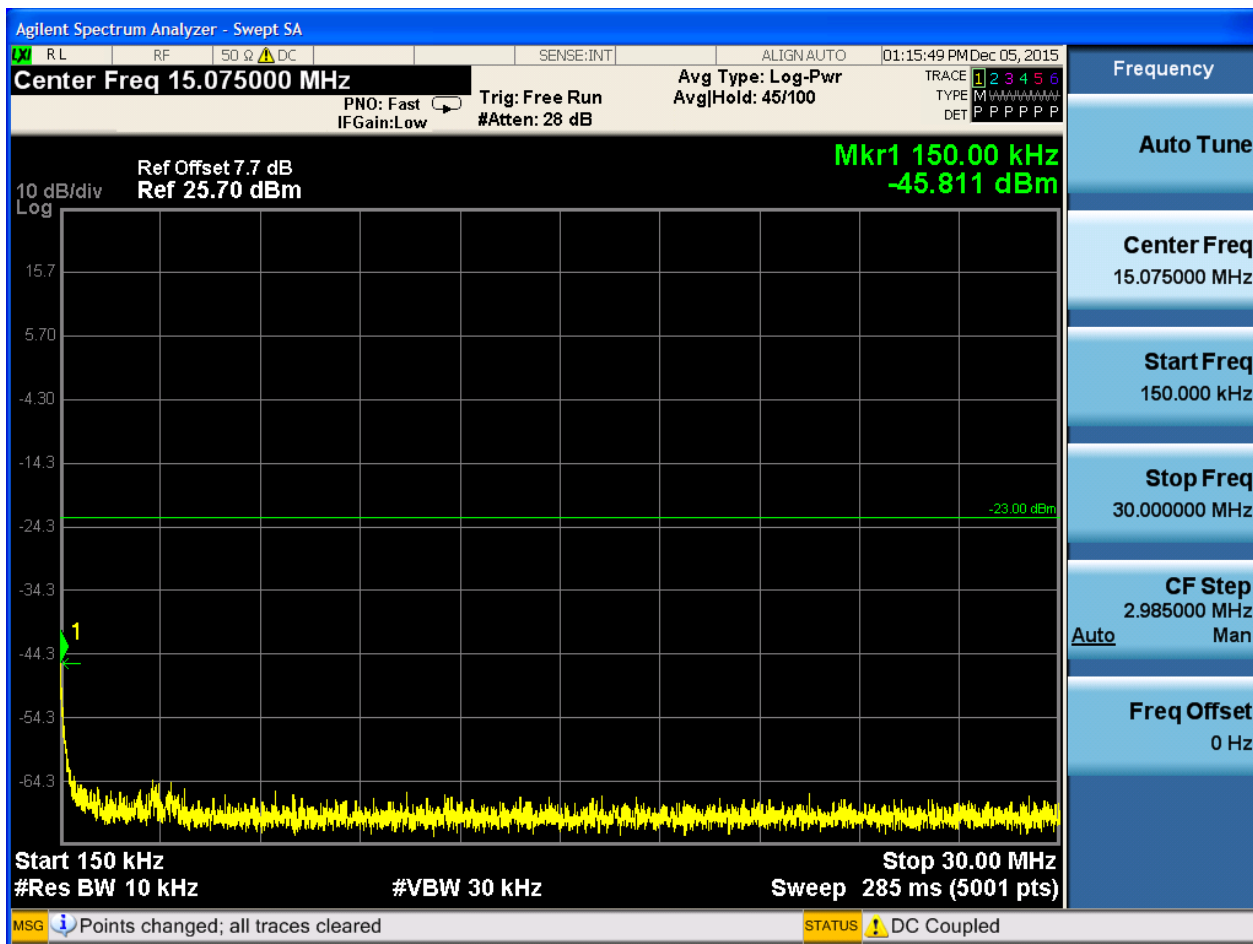


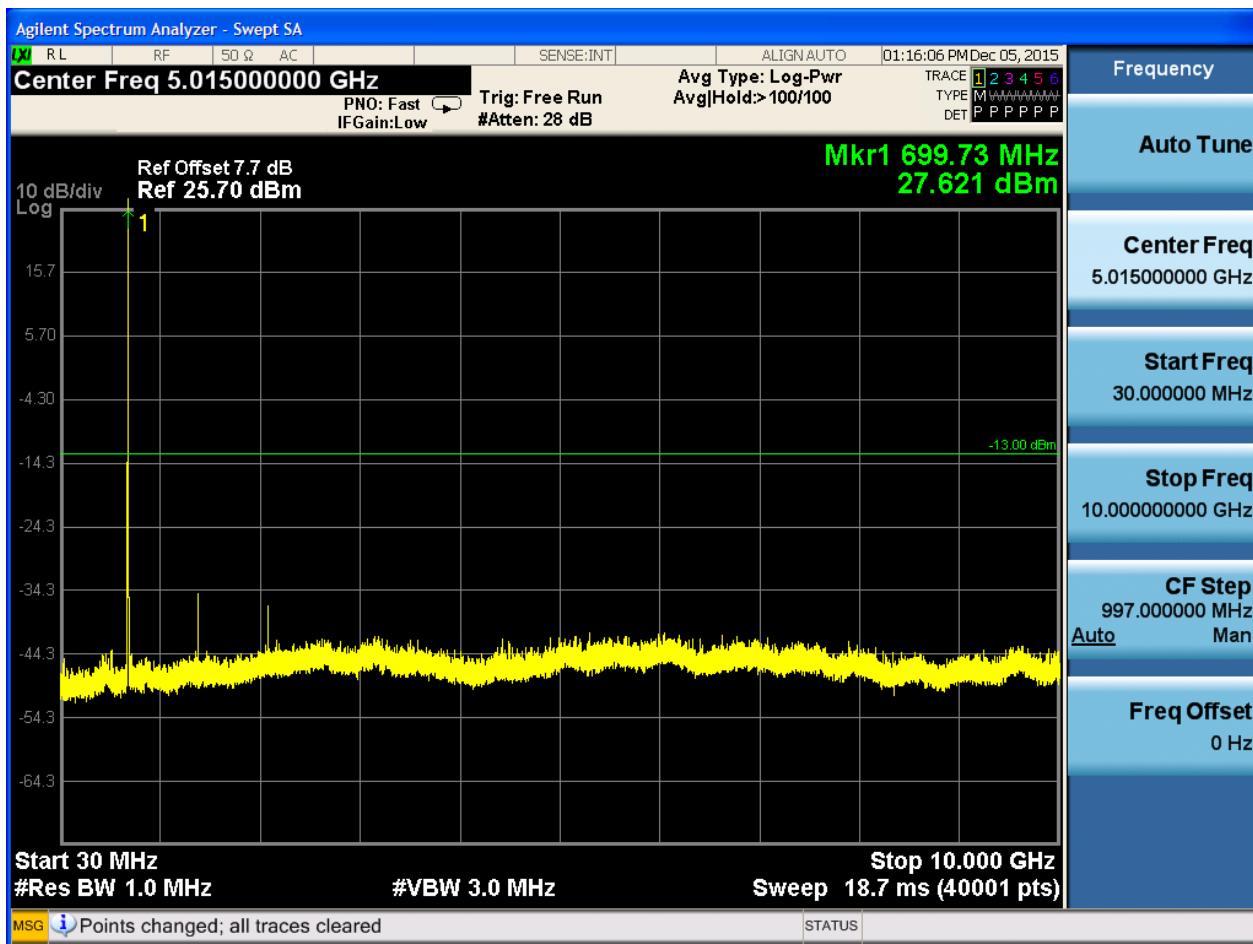
#### 6.1.1.1.4 Test Bandwidth = 10

#### 6.1.1.1.4.1 Test Channel = LCH

#### 6.1.1.1.4.1.1 Test RB = RB1#0



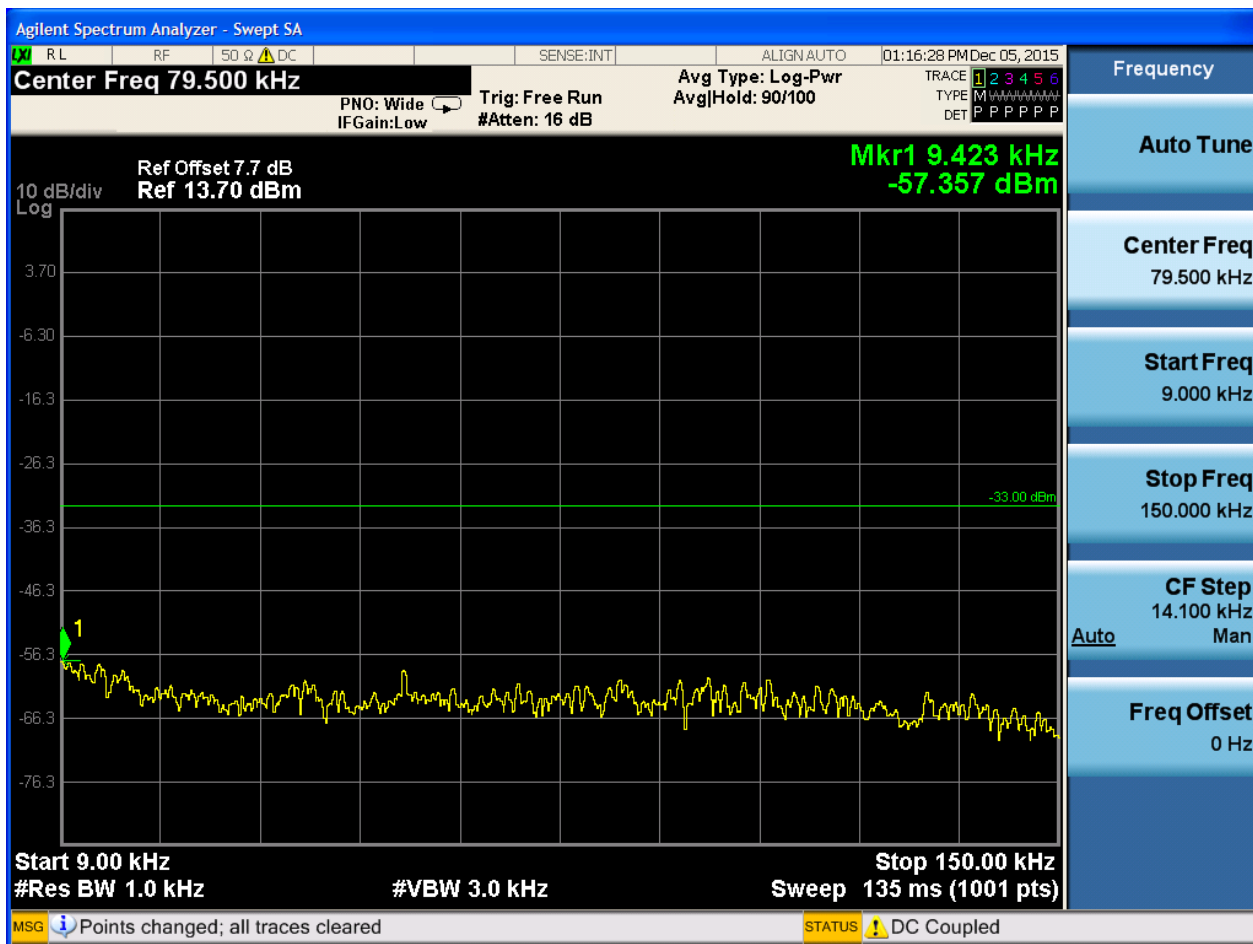


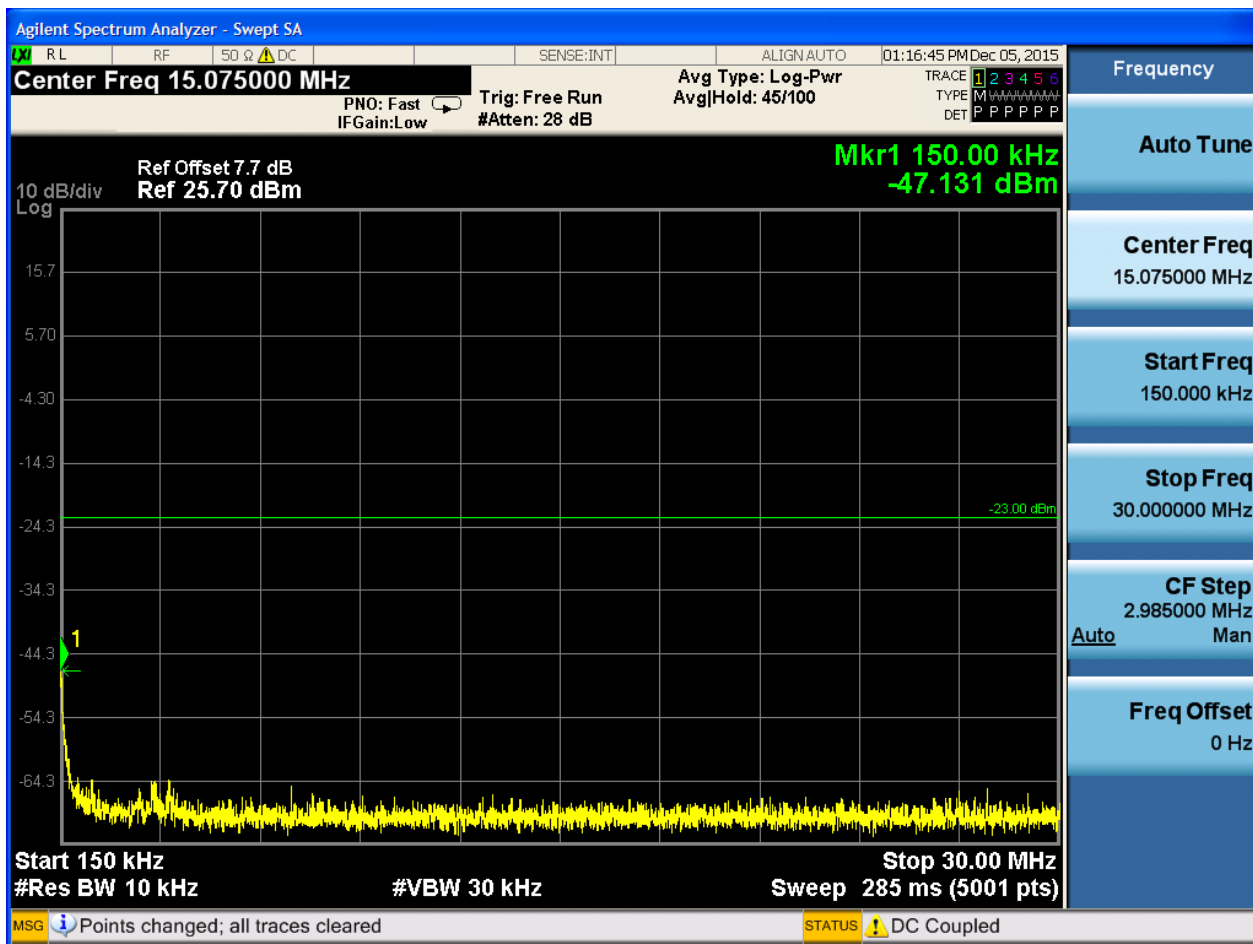


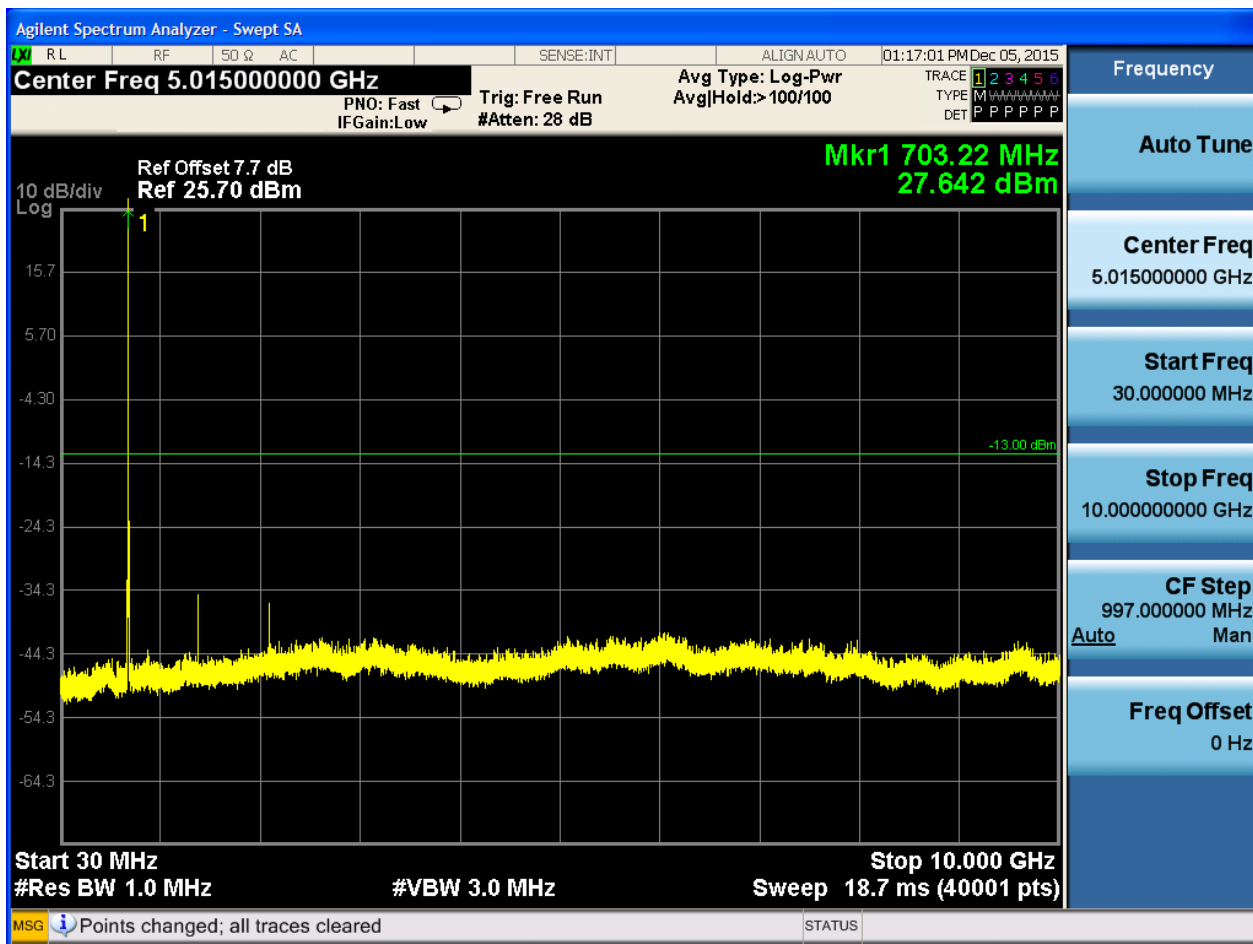


## 6.1.1.1.4.2 Test Channel = MCH

## 6.1.1.1.4.2.1 Test RB = RB1#0



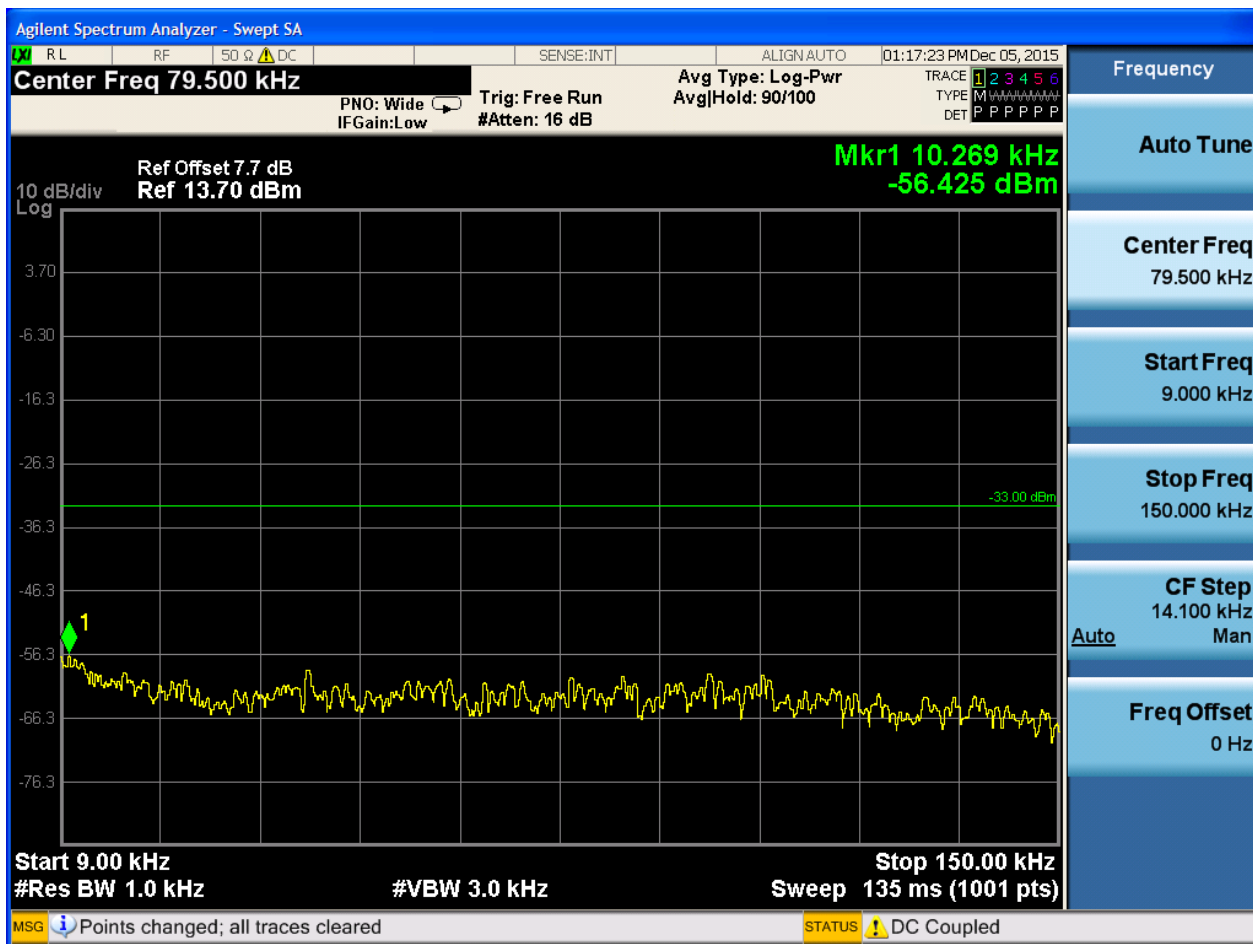


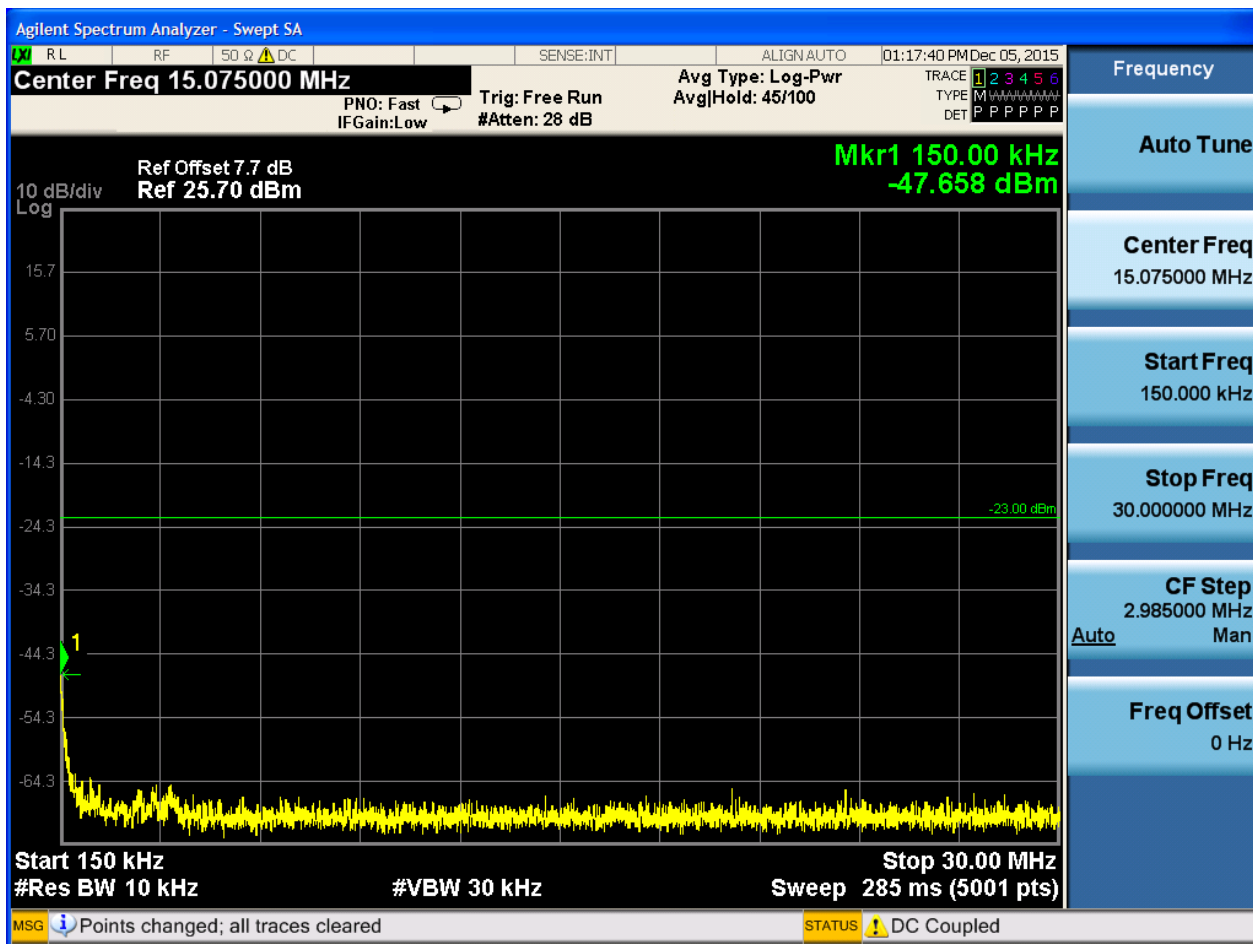


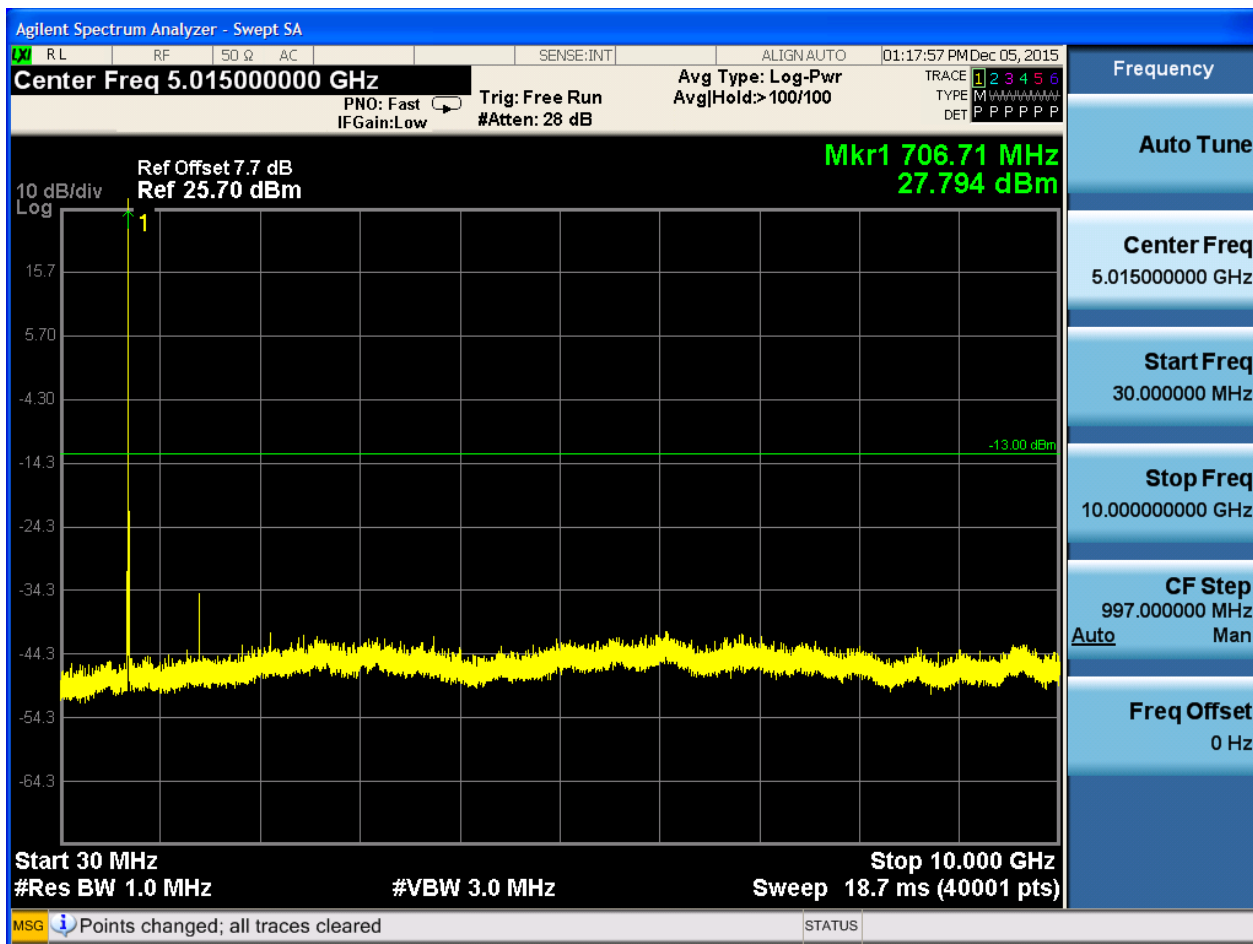


## 6.1.1.1.4.3 Test Channel = HCH

## 6.1.1.1.4.3.1 Test RB = RB1#0







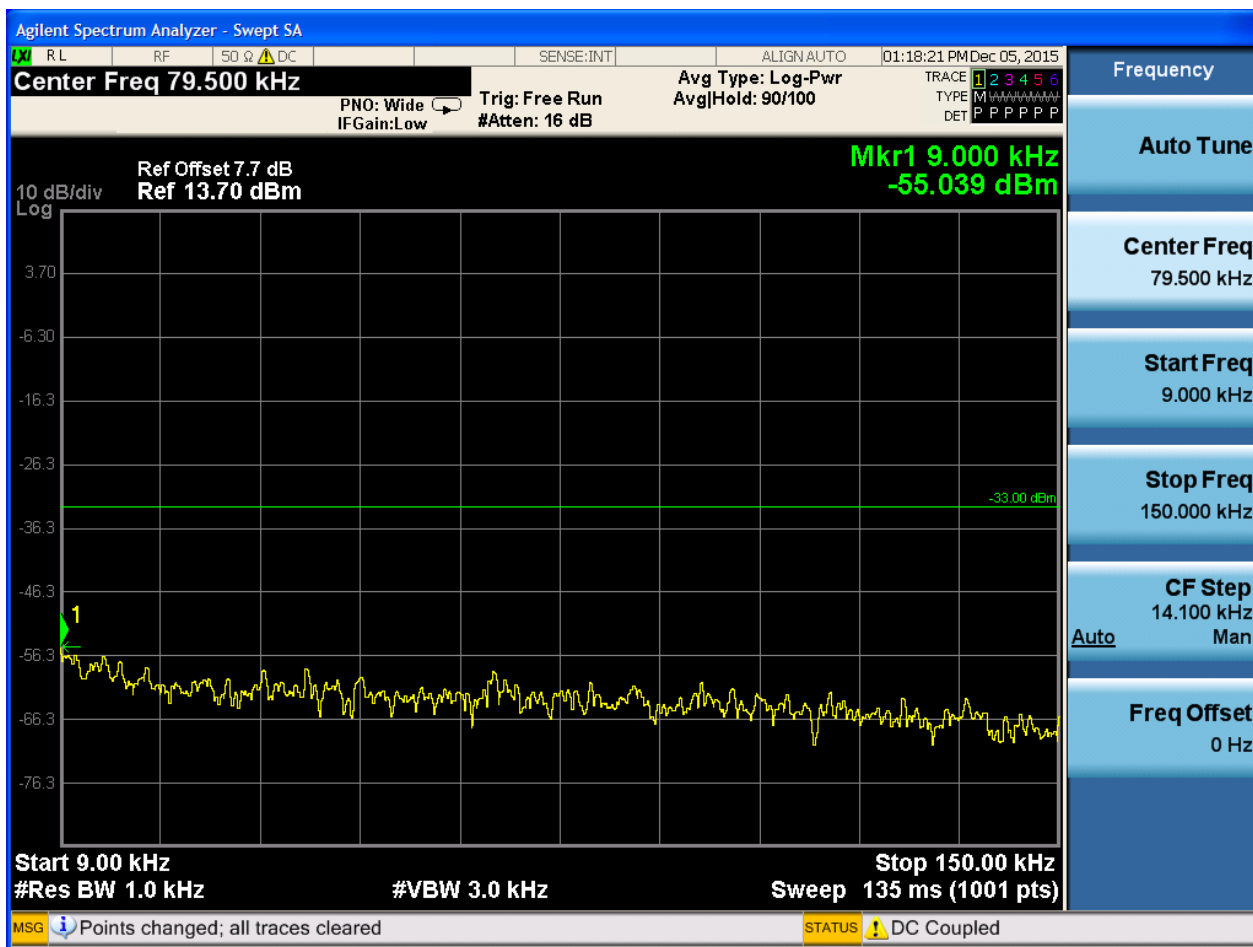


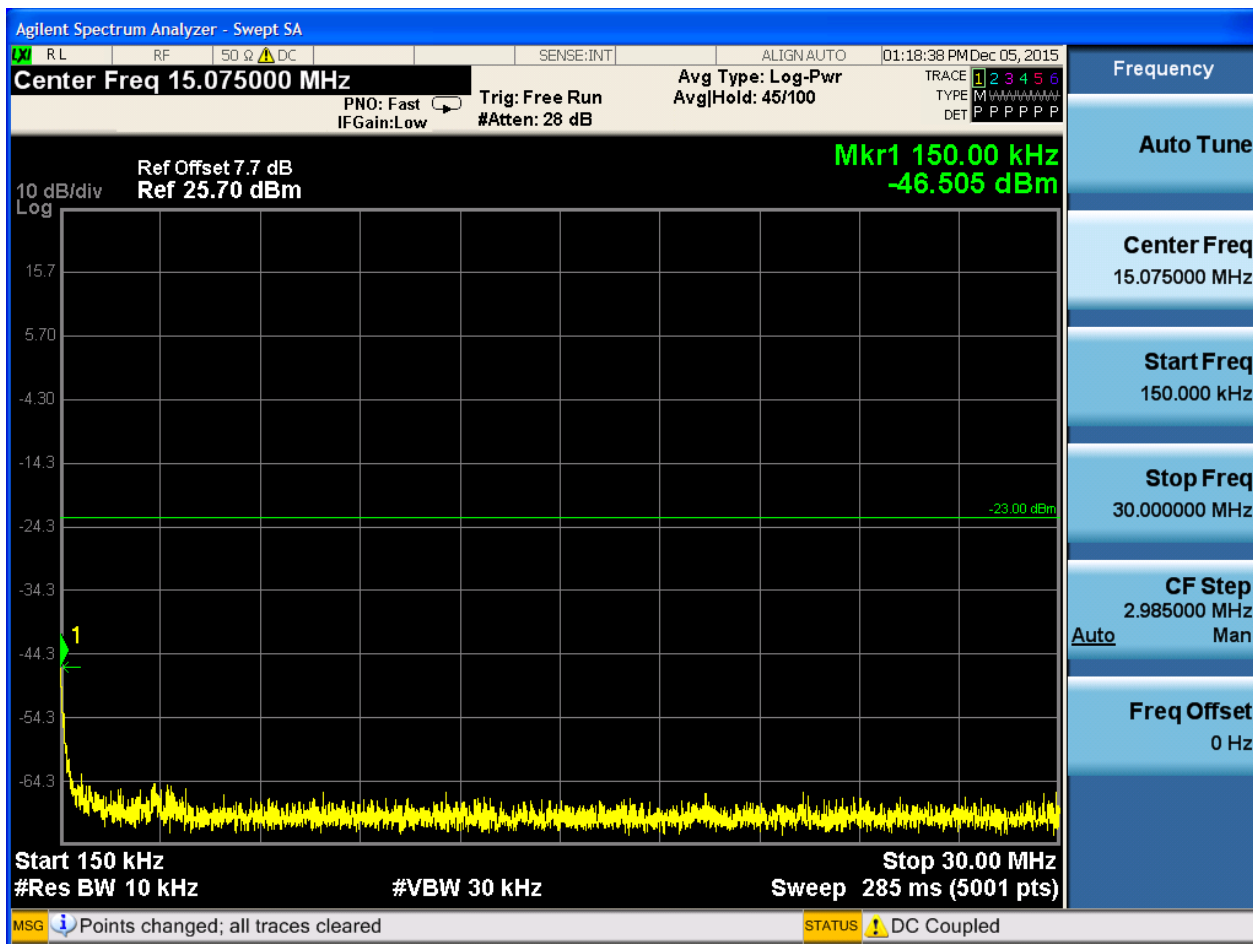
## 6.1.1.2 Test Mode = LTE/TM2

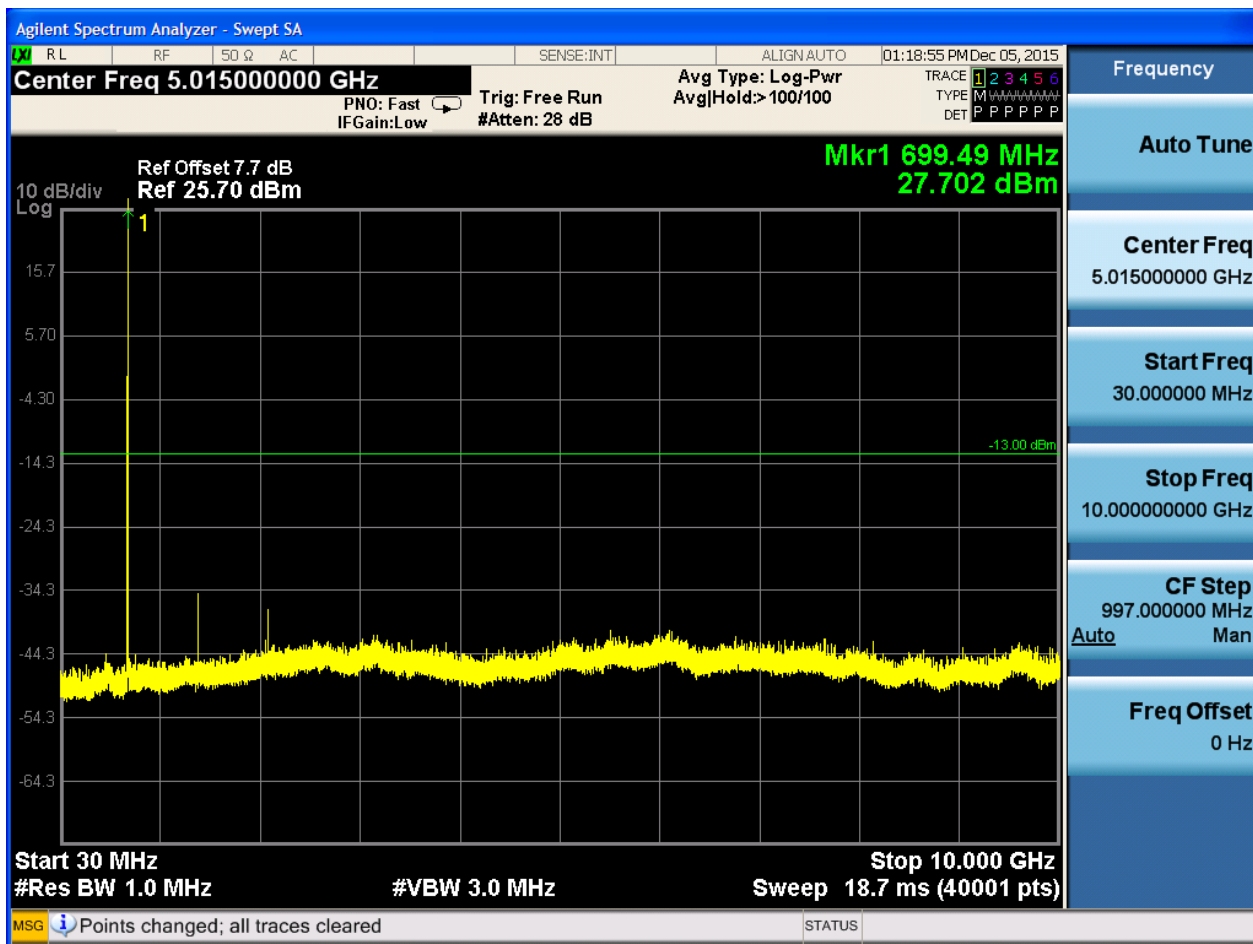
## 6.1.1.2.1 Test Bandwidth = 1.4

## 6.1.1.2.1.1 Test Channel = LCH

## 6.1.1.2.1.1.1 Test RB = RB1#0

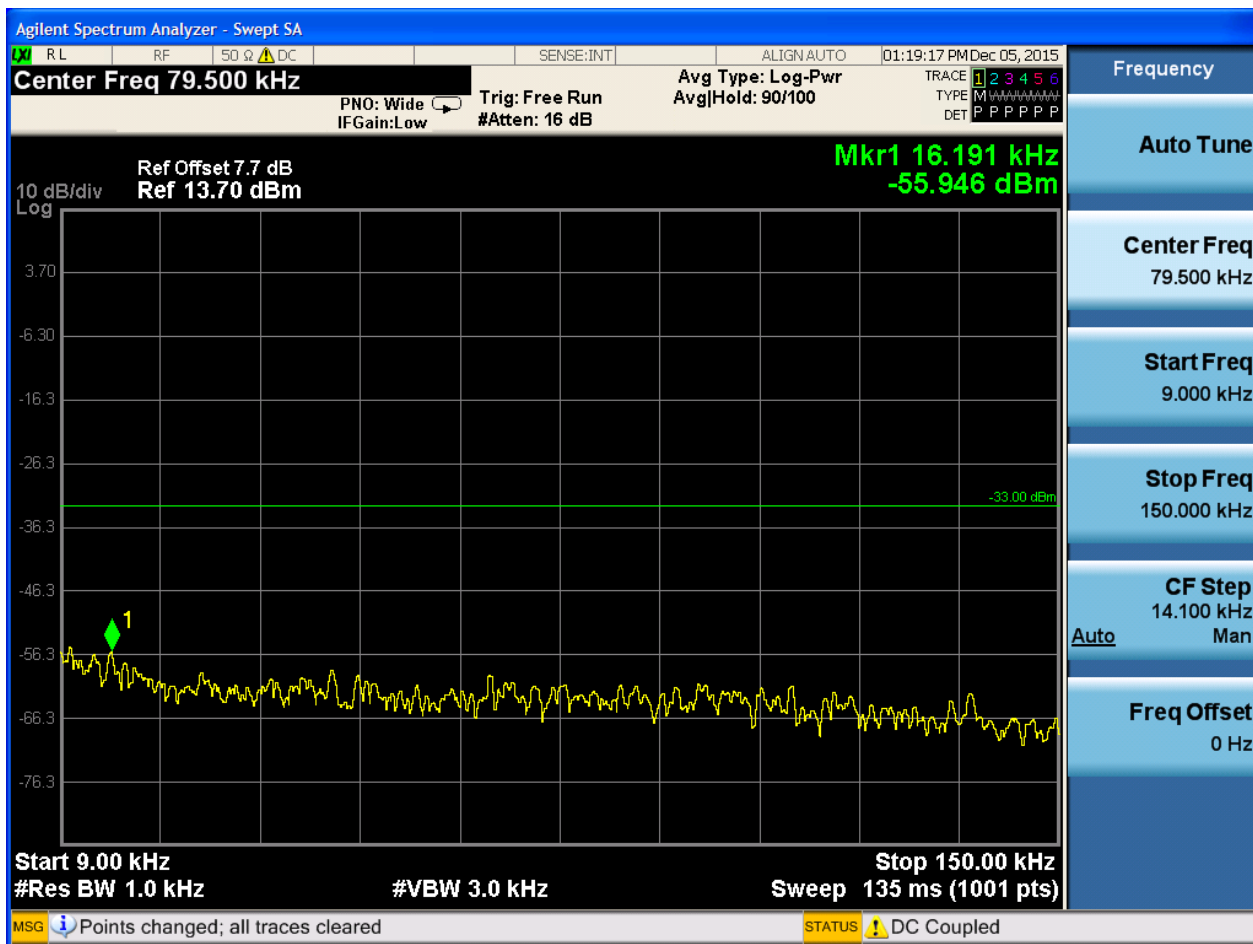


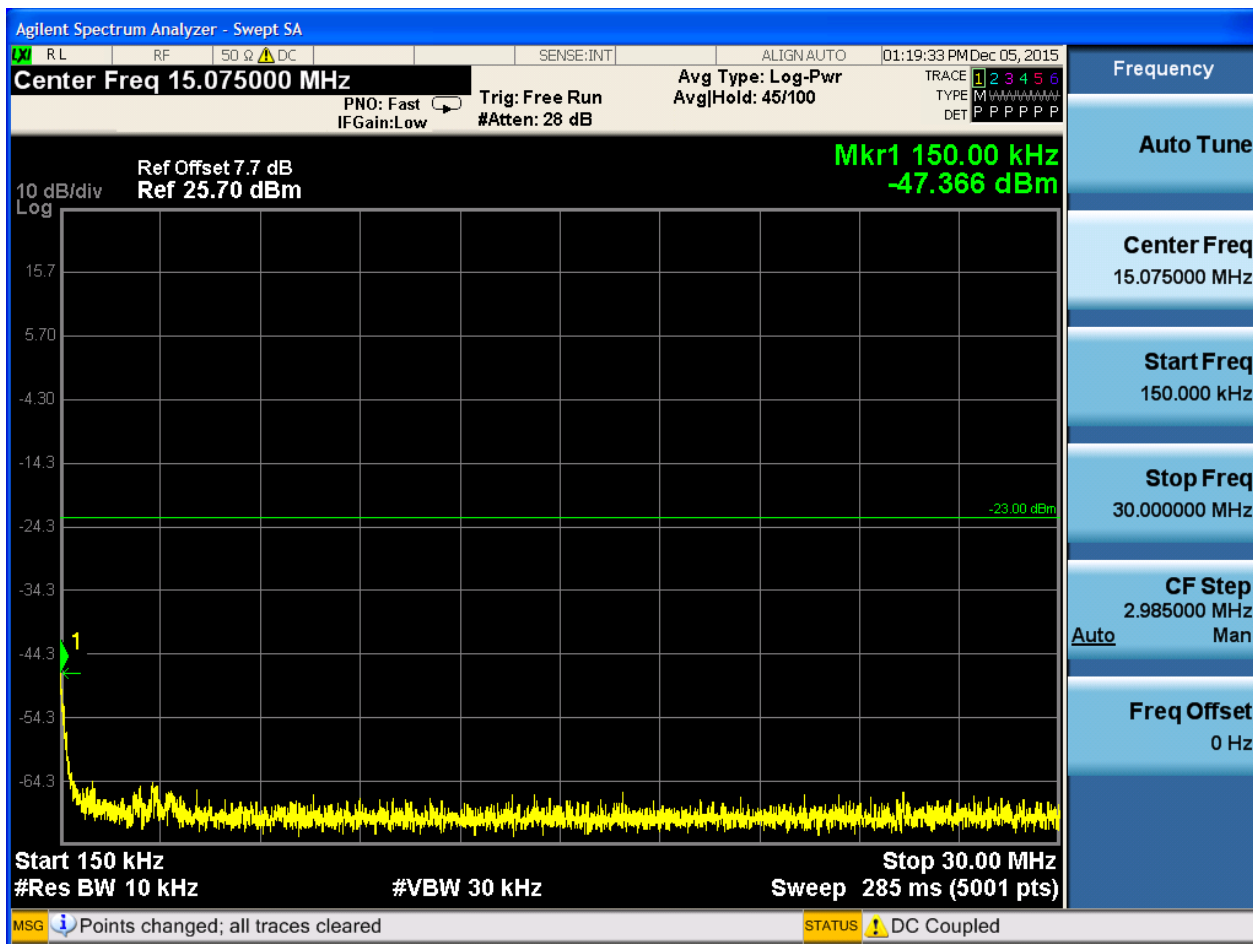


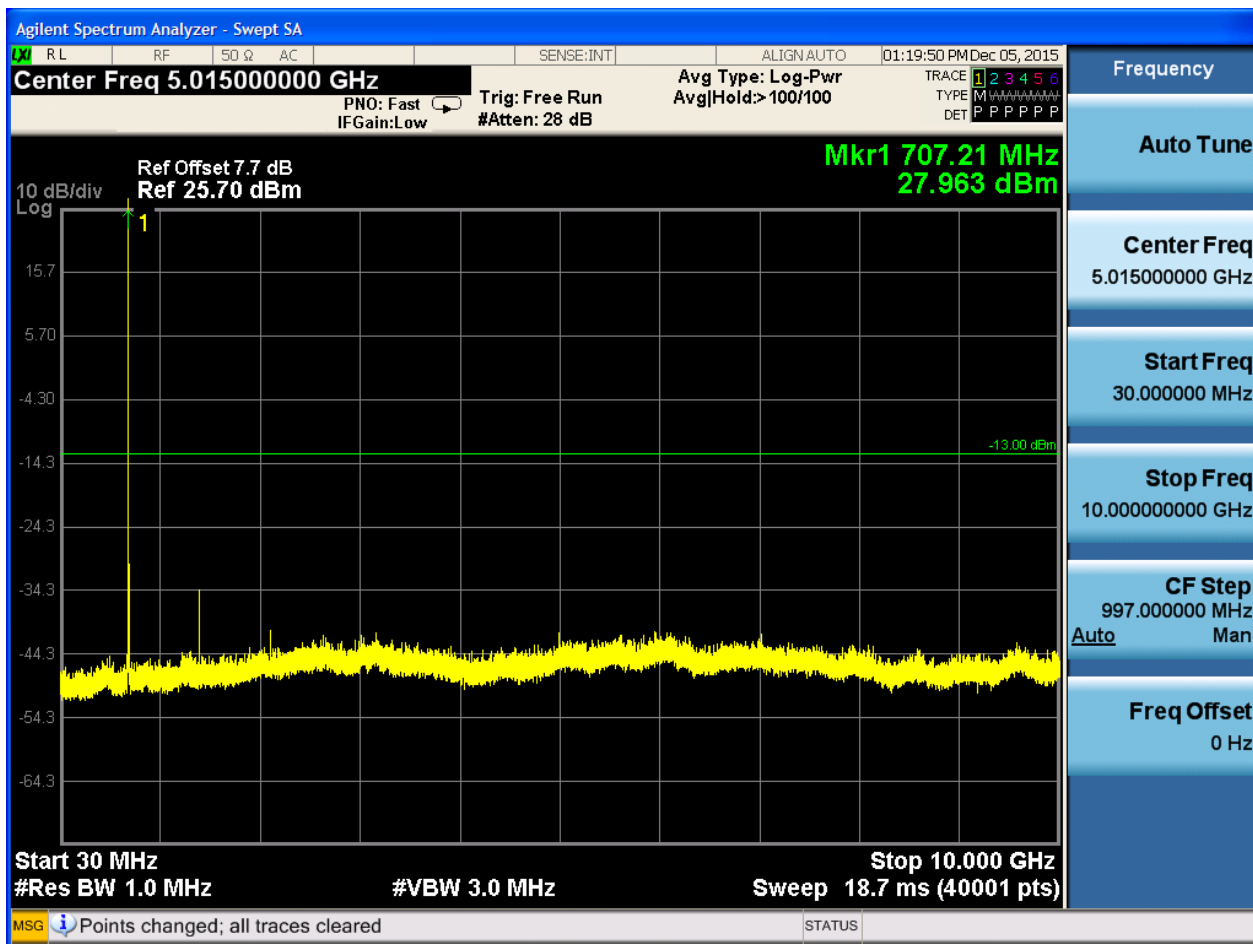


### 6.1.1.2.1.2 Test Channel = MCH

#### 6.1.1.2.1.2.1 Test RB = RB1#0

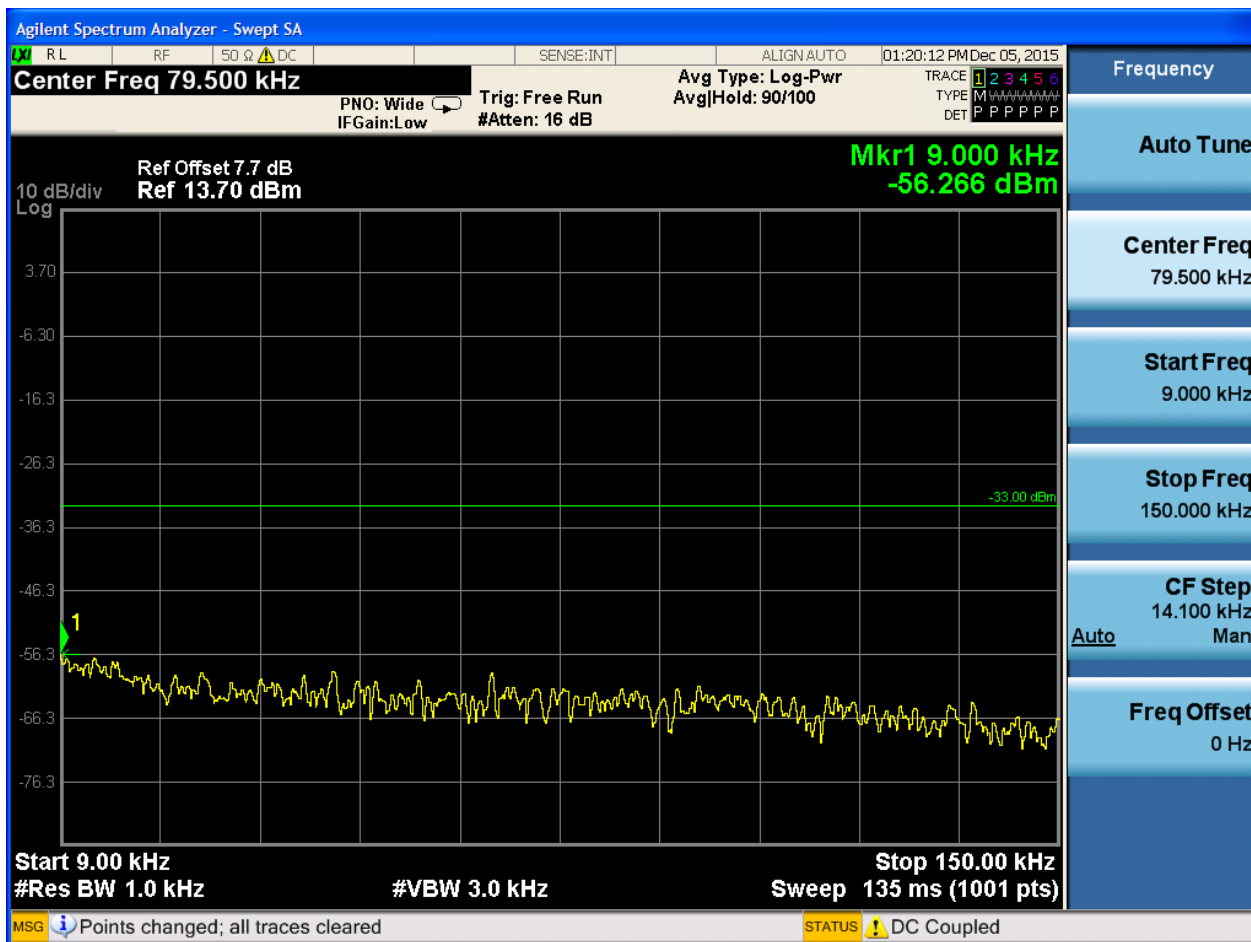


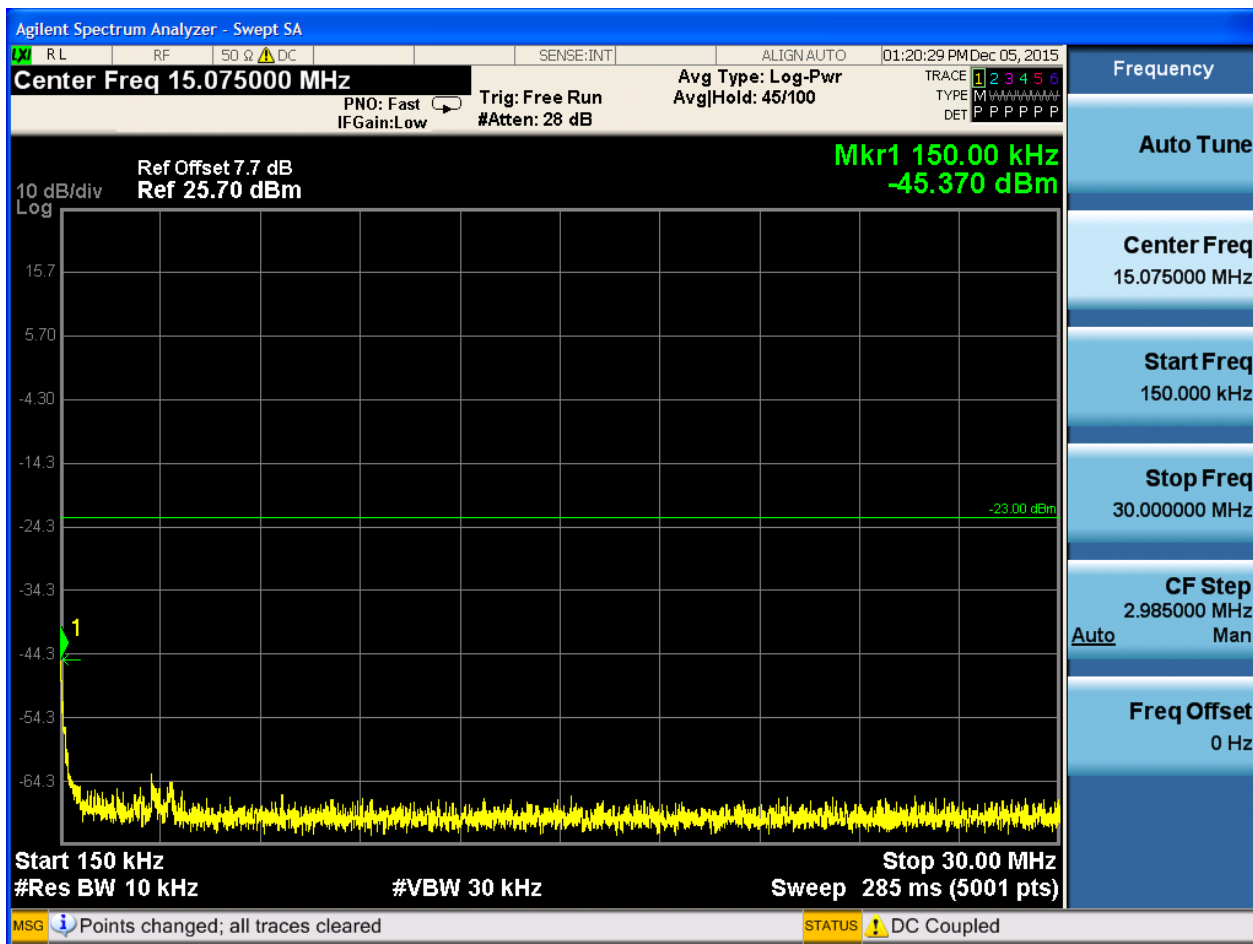


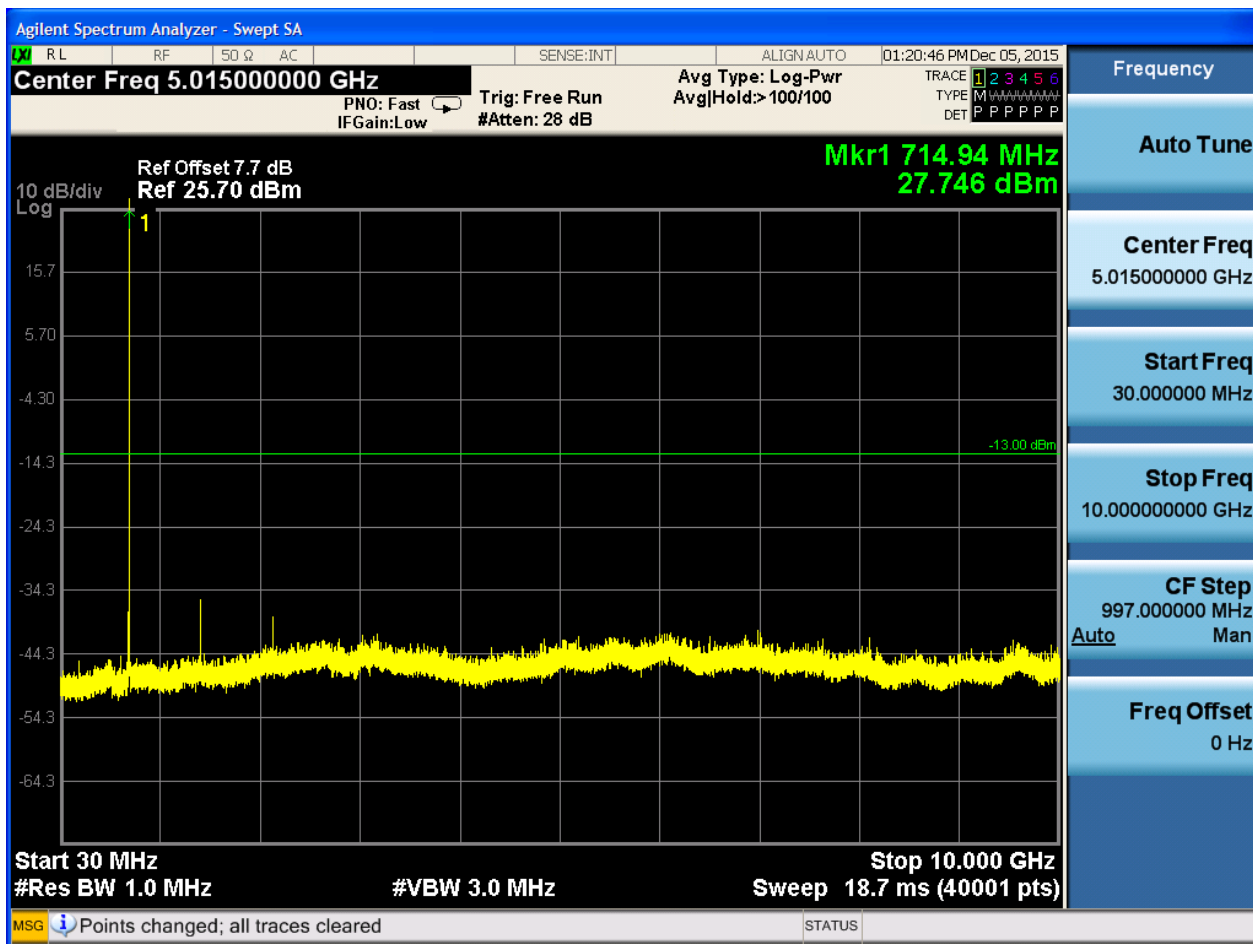


### 6.1.1.2.1.3 Test Channel = HCH

#### 6.1.1.2.1.3.1 Test RB = RB1#0





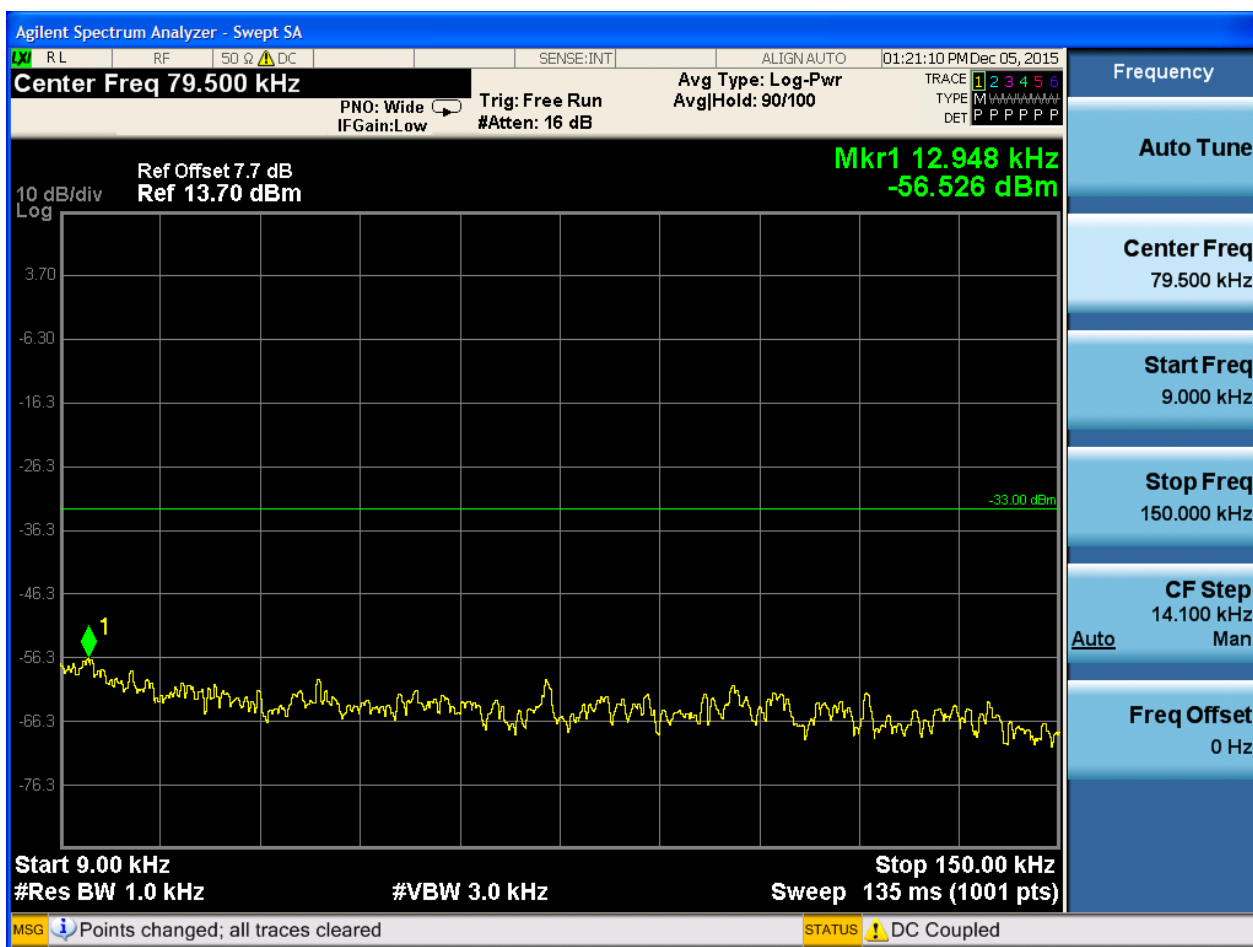


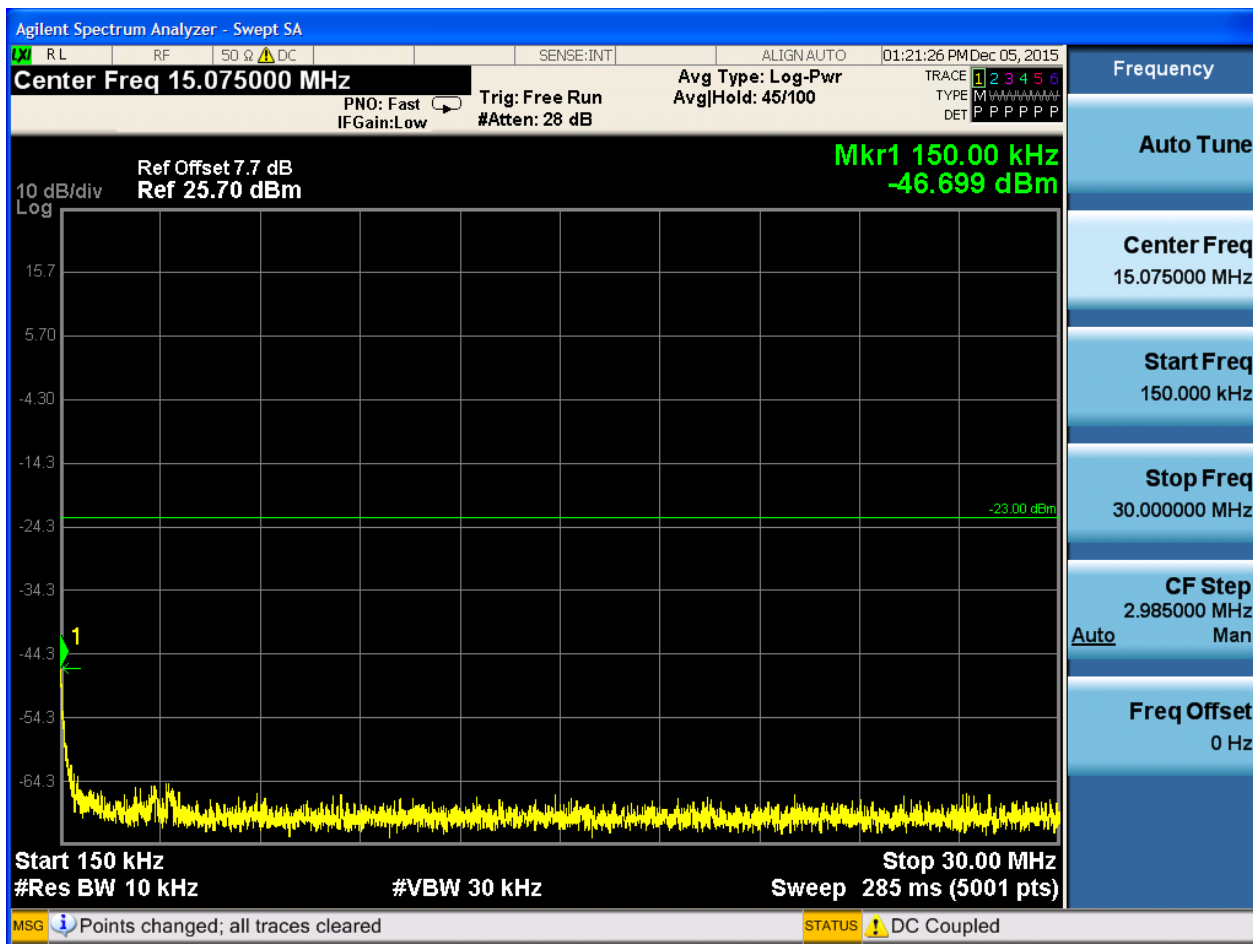


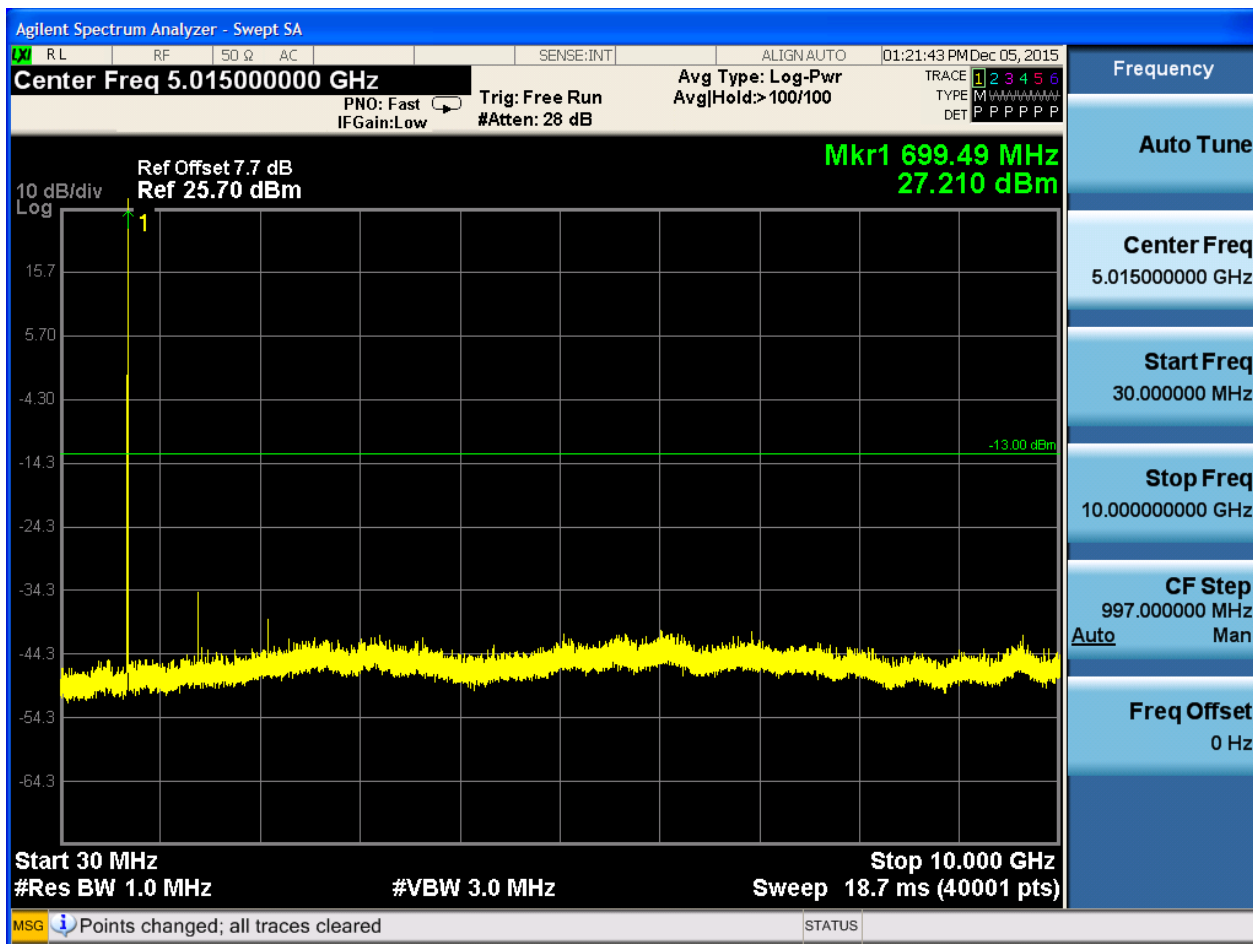
## 6.1.1.2.2 Test Bandwidth = 3

## 6.1.1.2.2.1 Test Channel = LCH

## 6.1.1.2.2.1.1 Test RB = RB1#0

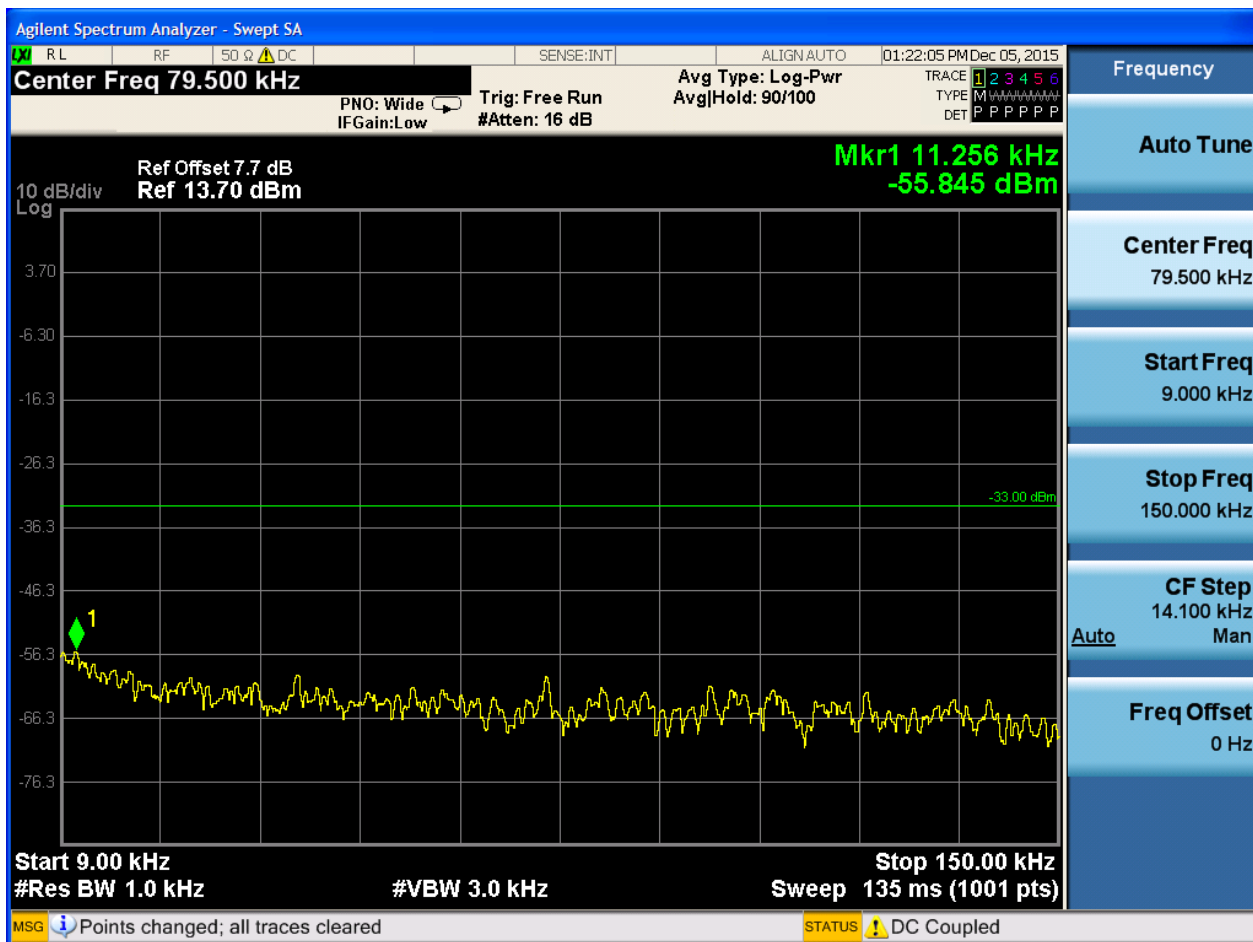




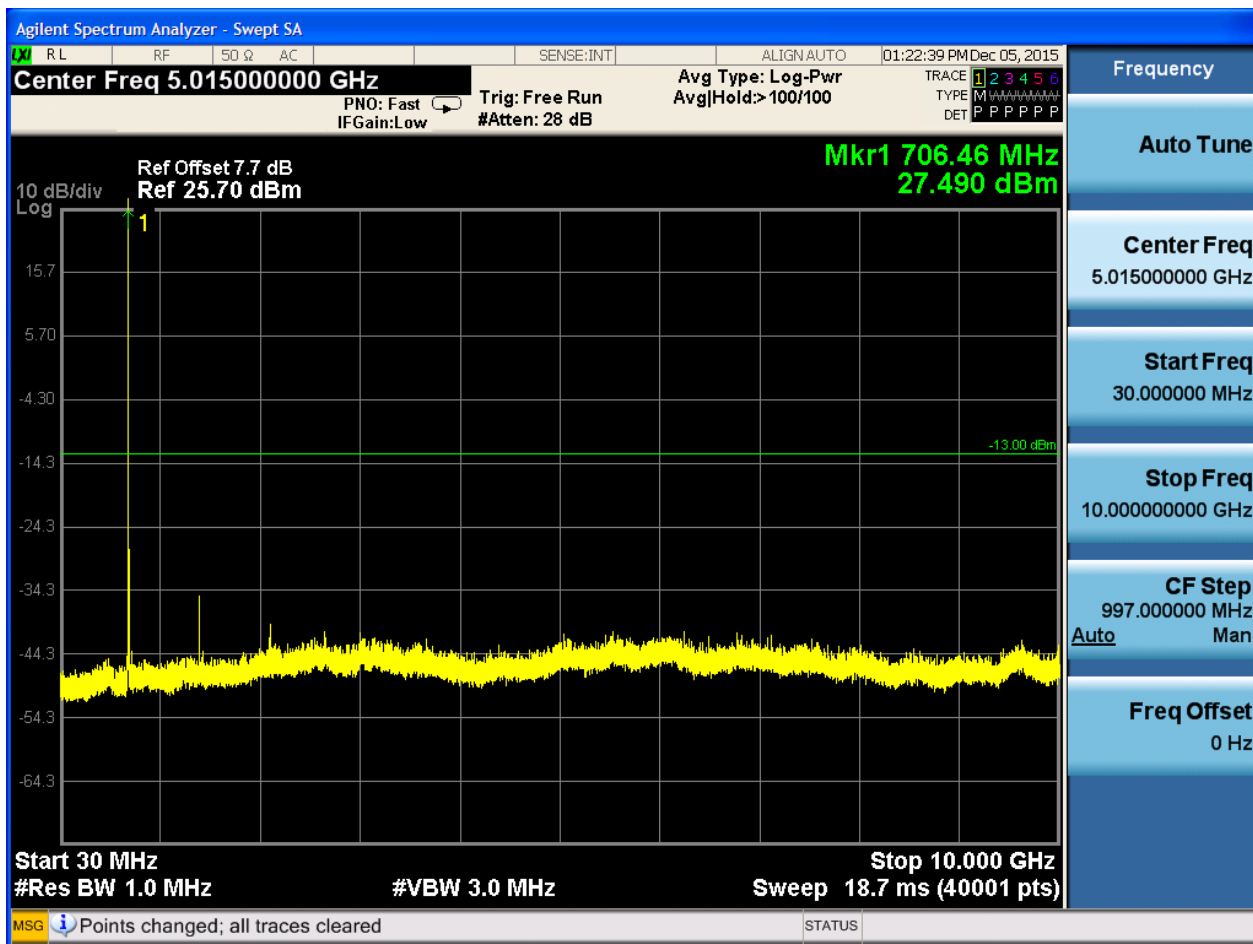


### 6.1.1.2.2.2 Test Channel = MCH

#### 6.1.1.2.2.2.1 Test RB = RB1#0



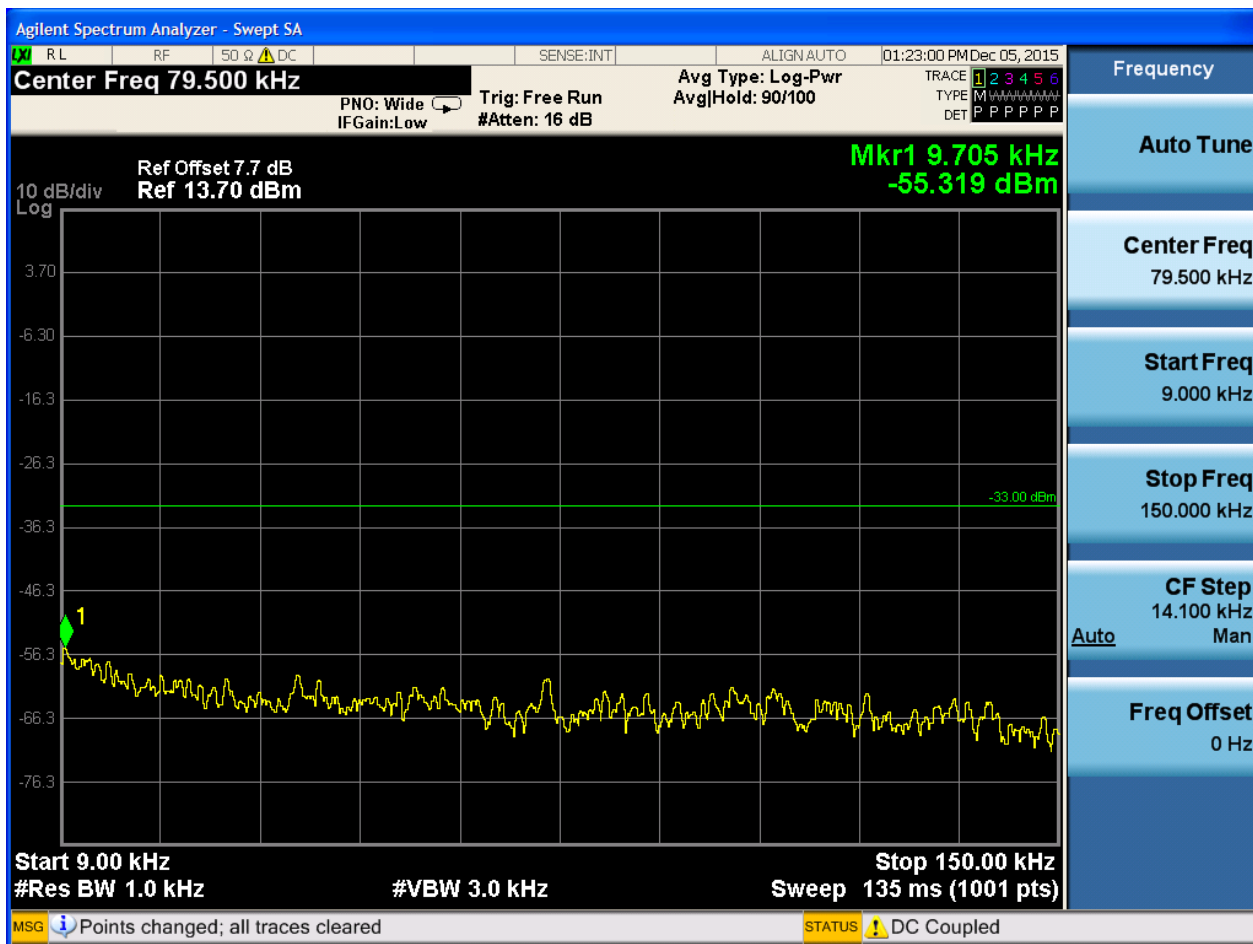




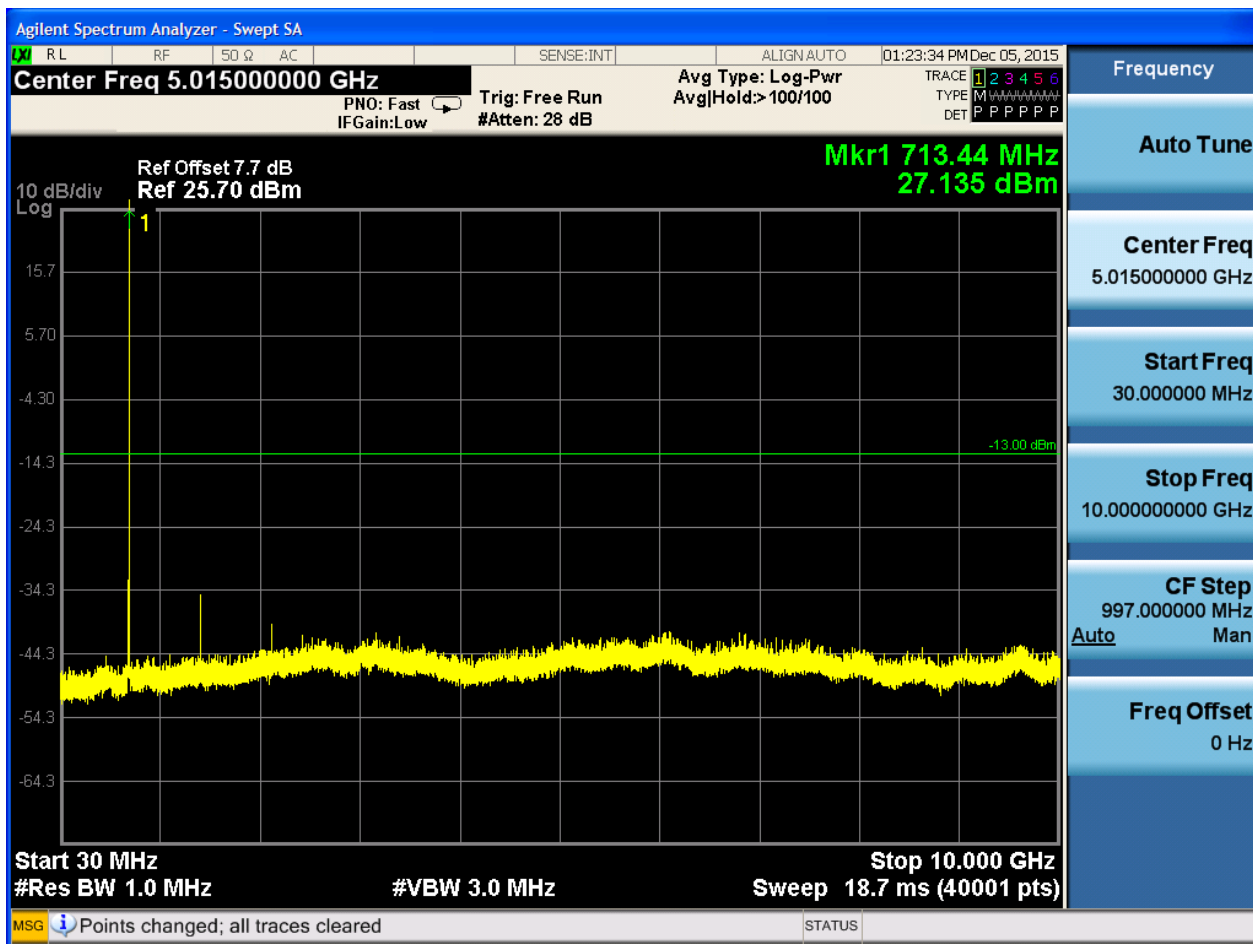


## 6.1.1.2.2.3 Test Channel = HCH

## 6.1.1.2.2.3.1 Test RB = RB1#0





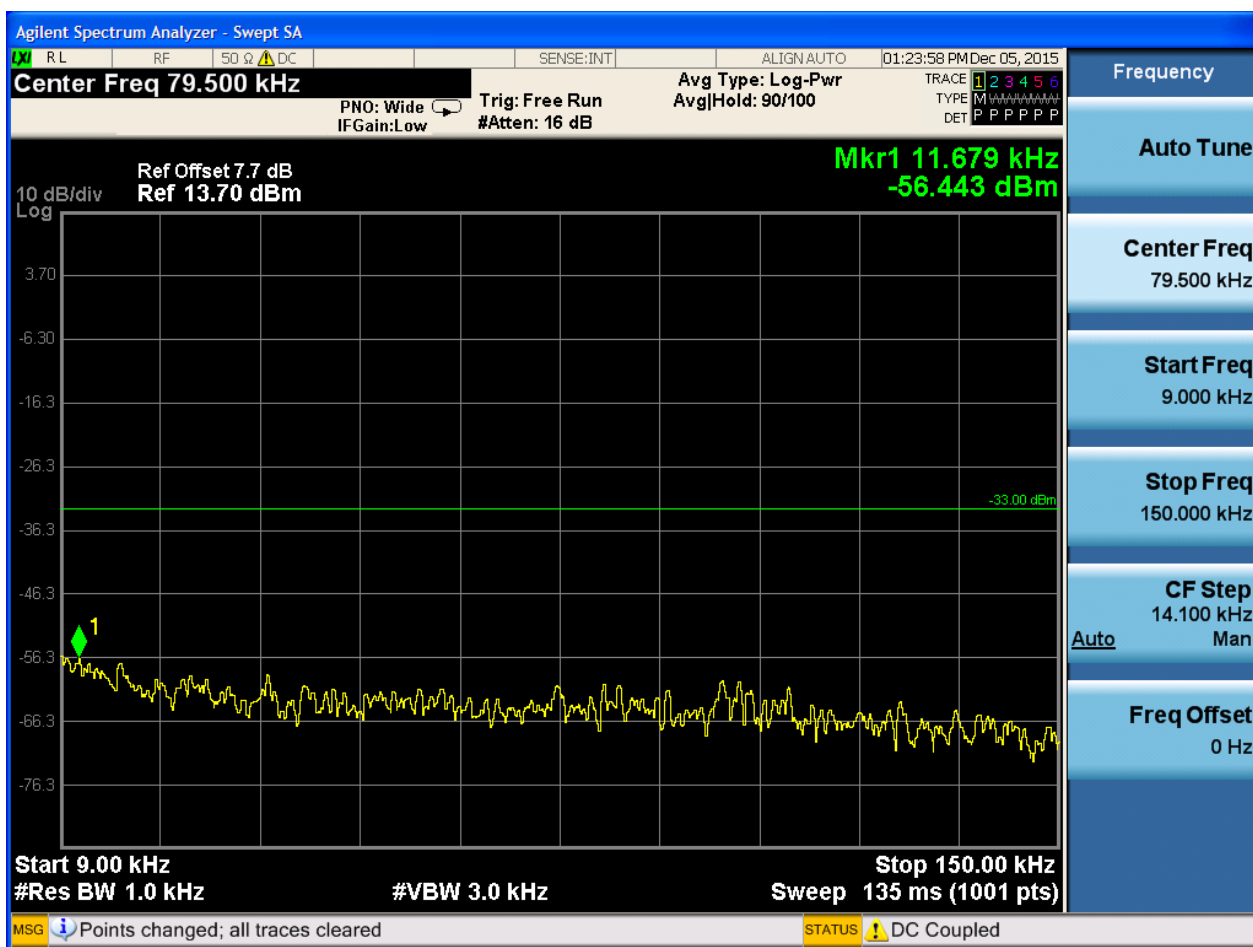


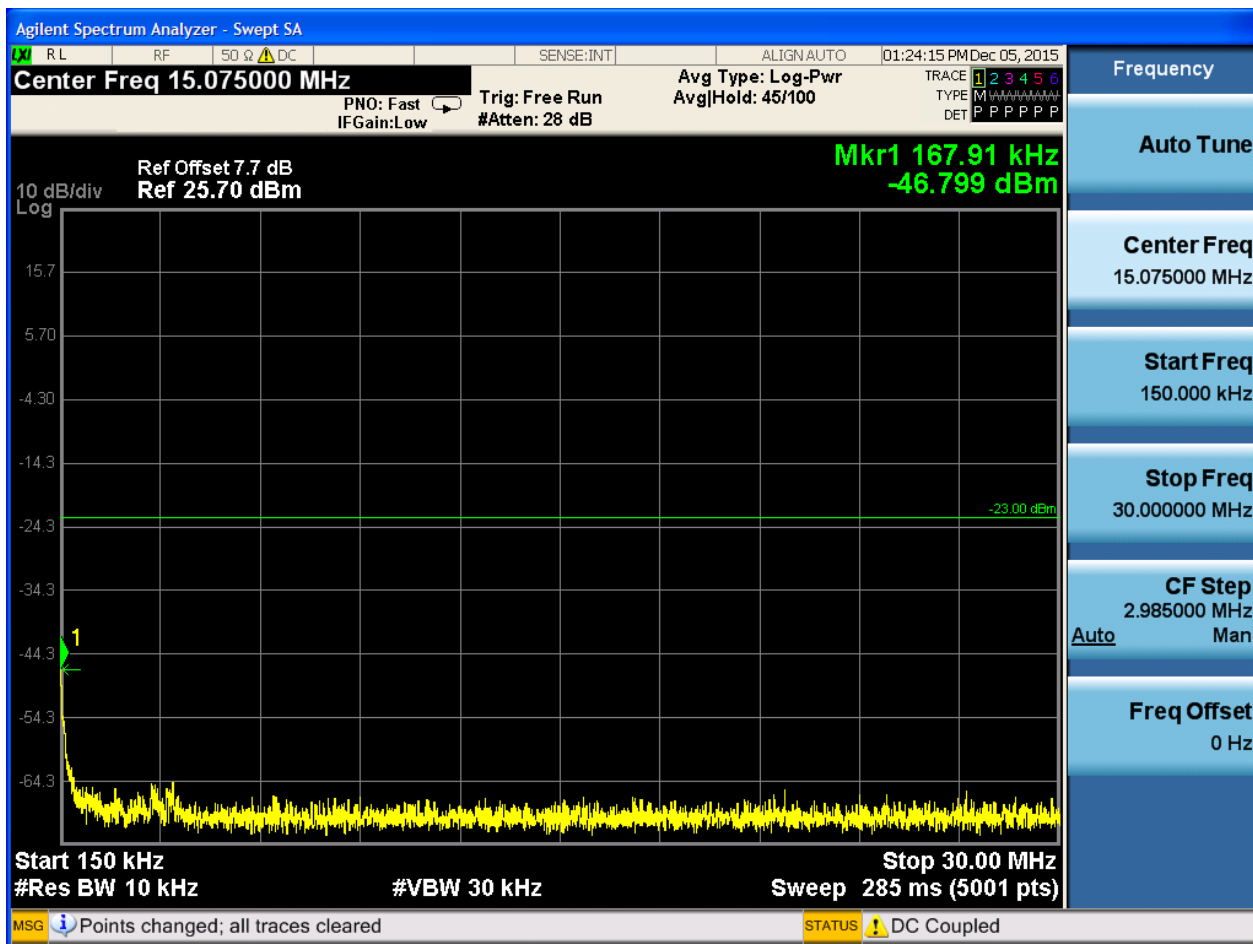


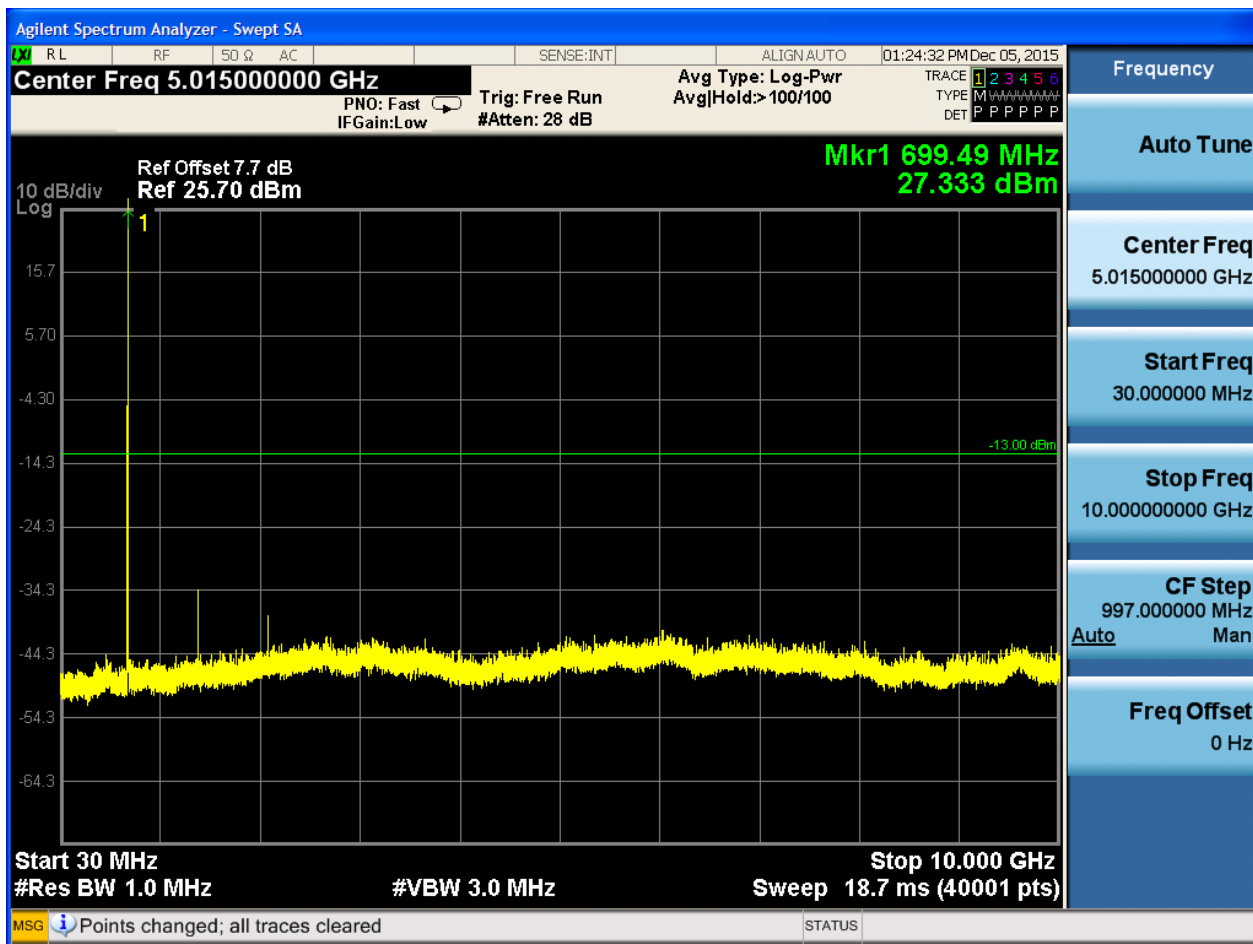
## 6.1.1.2.3 Test Bandwidth = 5

## 6.1.1.2.3.1 Test Channel = LCH

## 6.1.1.2.3.1.1 Test RB = RB1#0



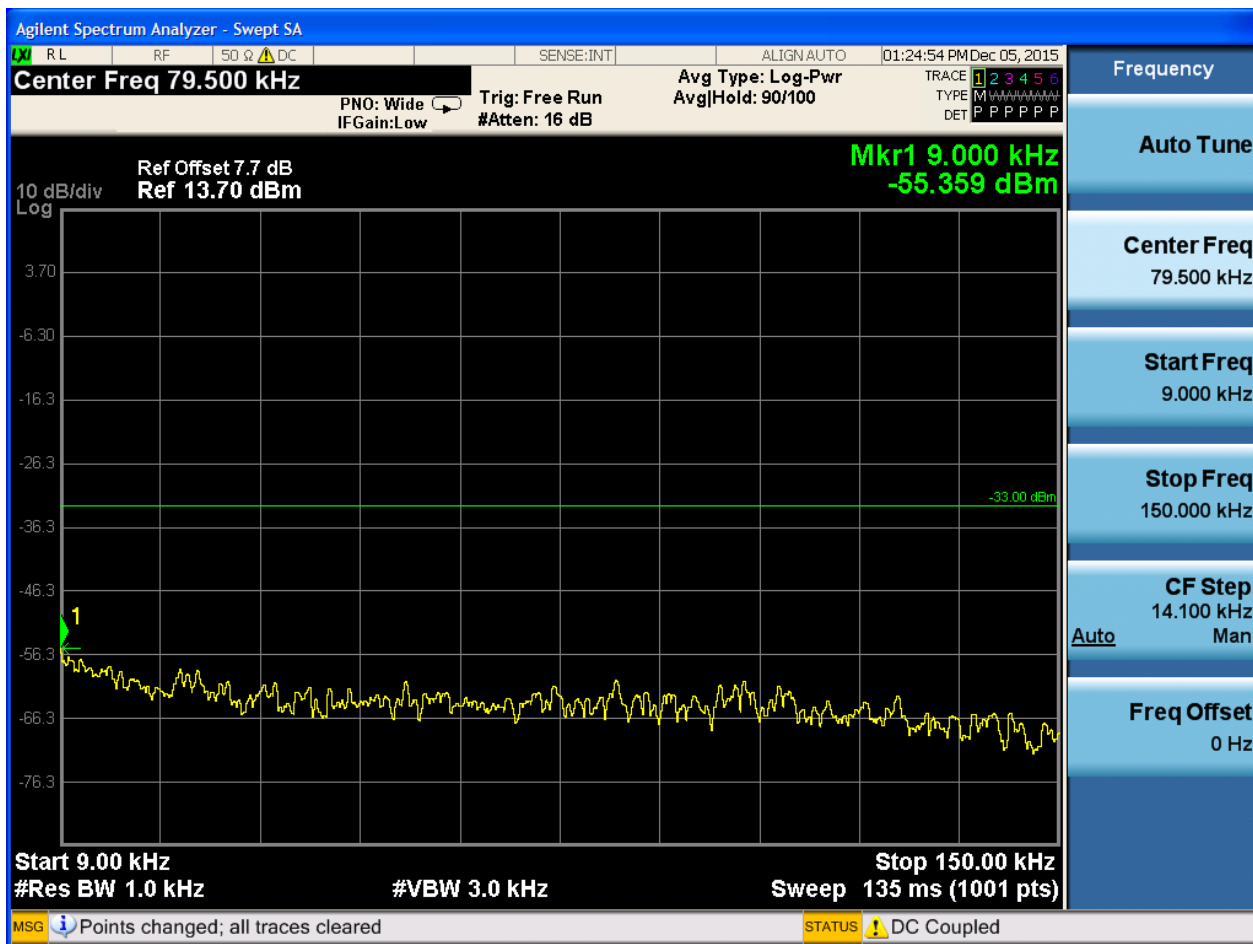


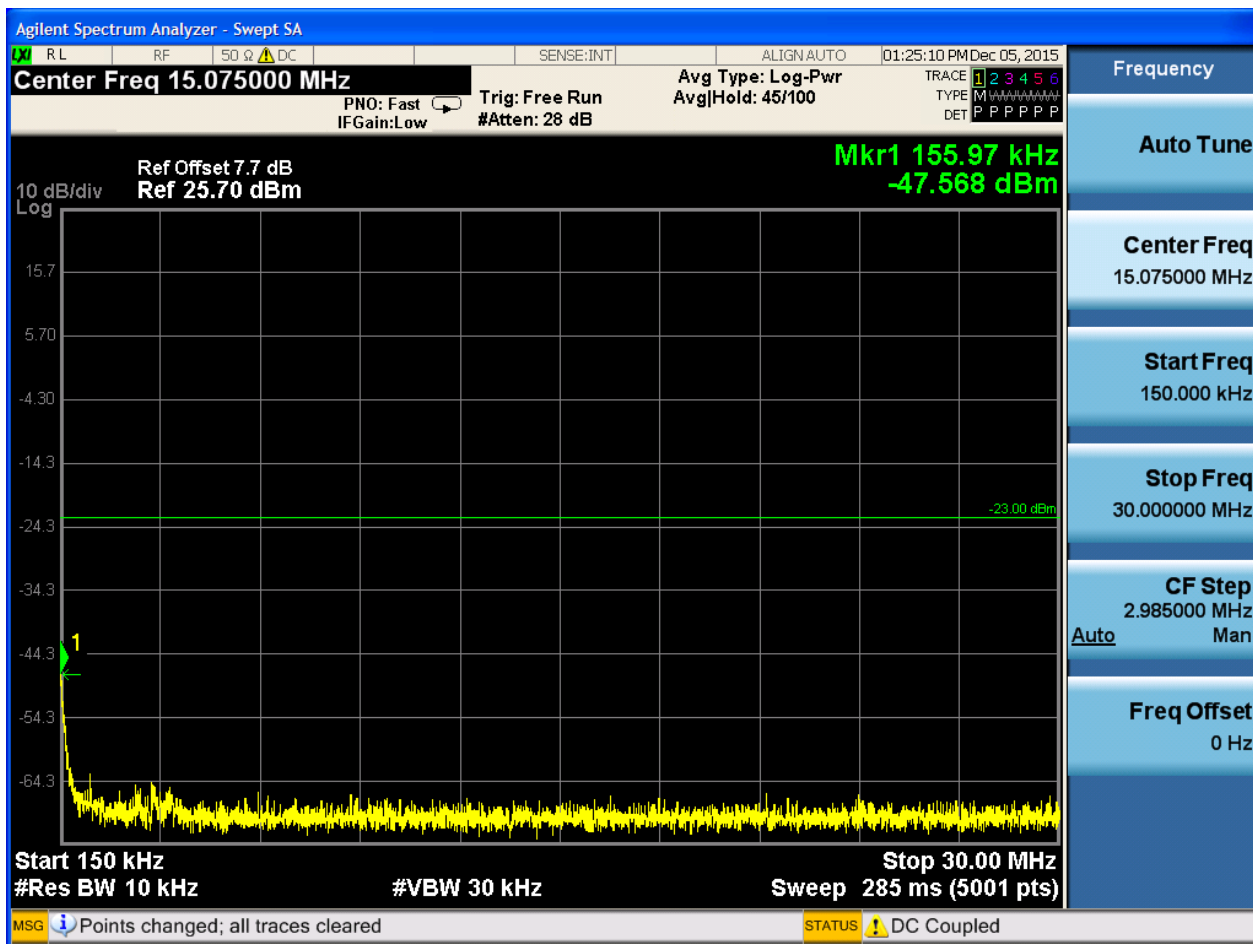


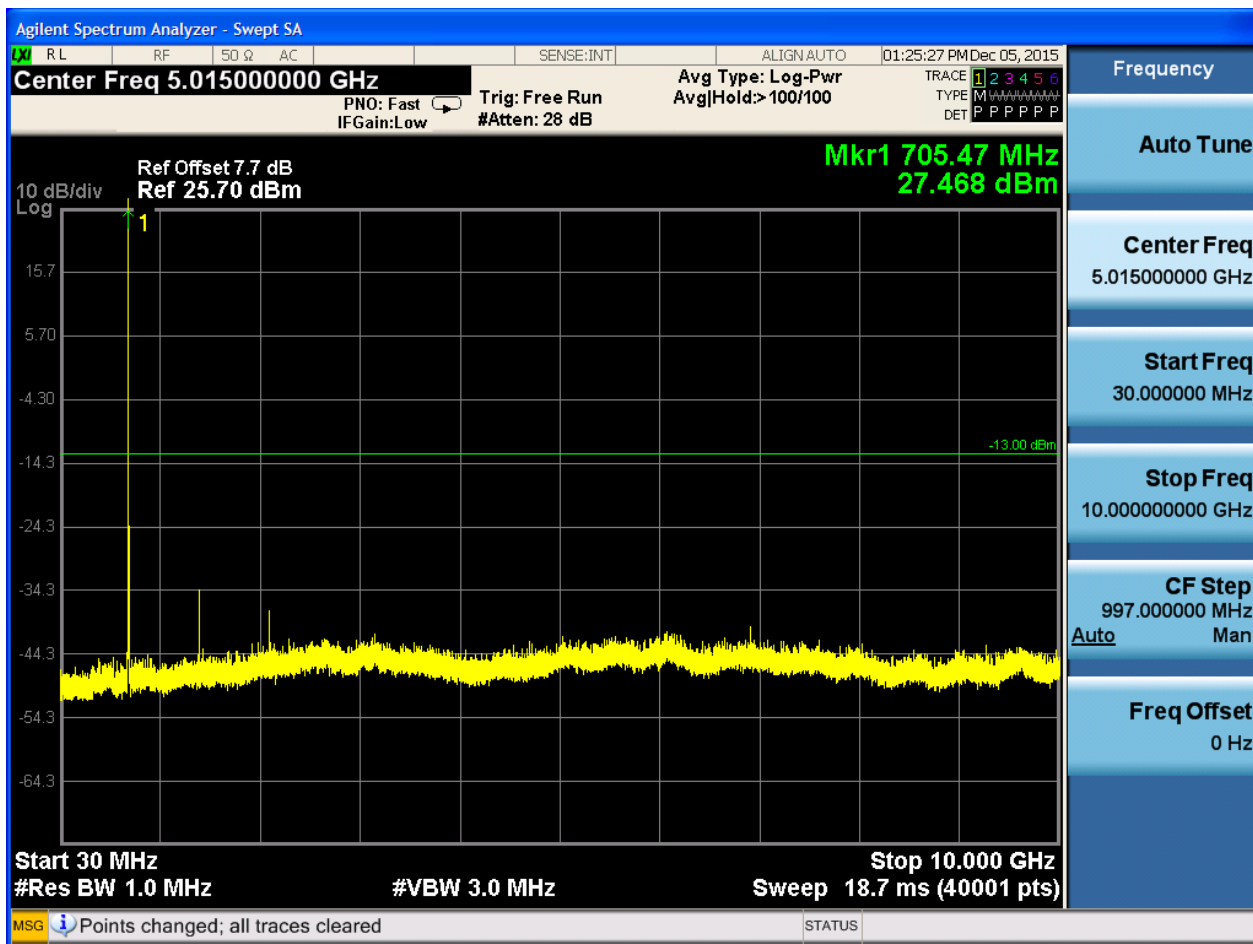


## 6.1.1.2.3.2 Test Channel = MCH

## 6.1.1.2.3.2.1 Test RB = RB1#0

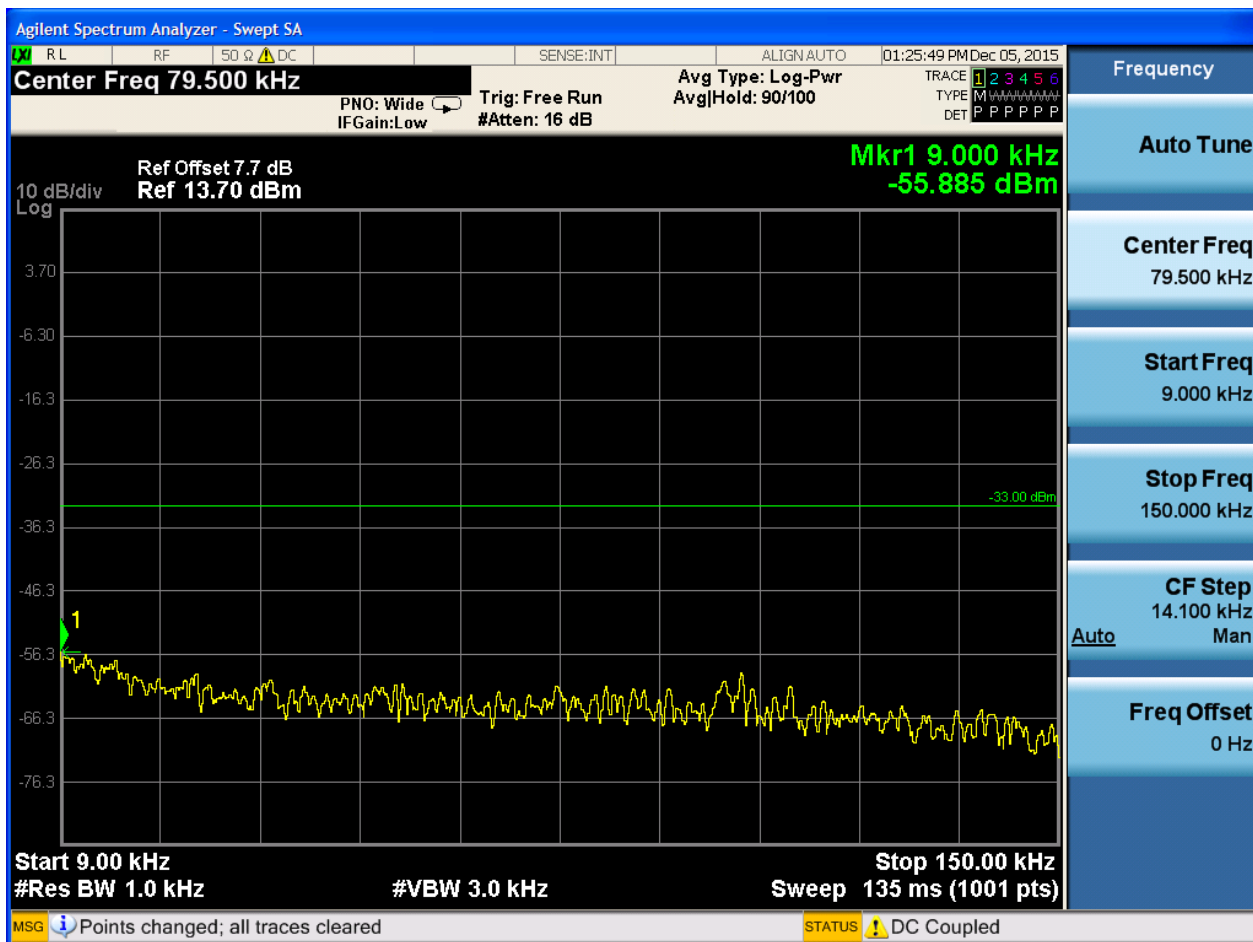


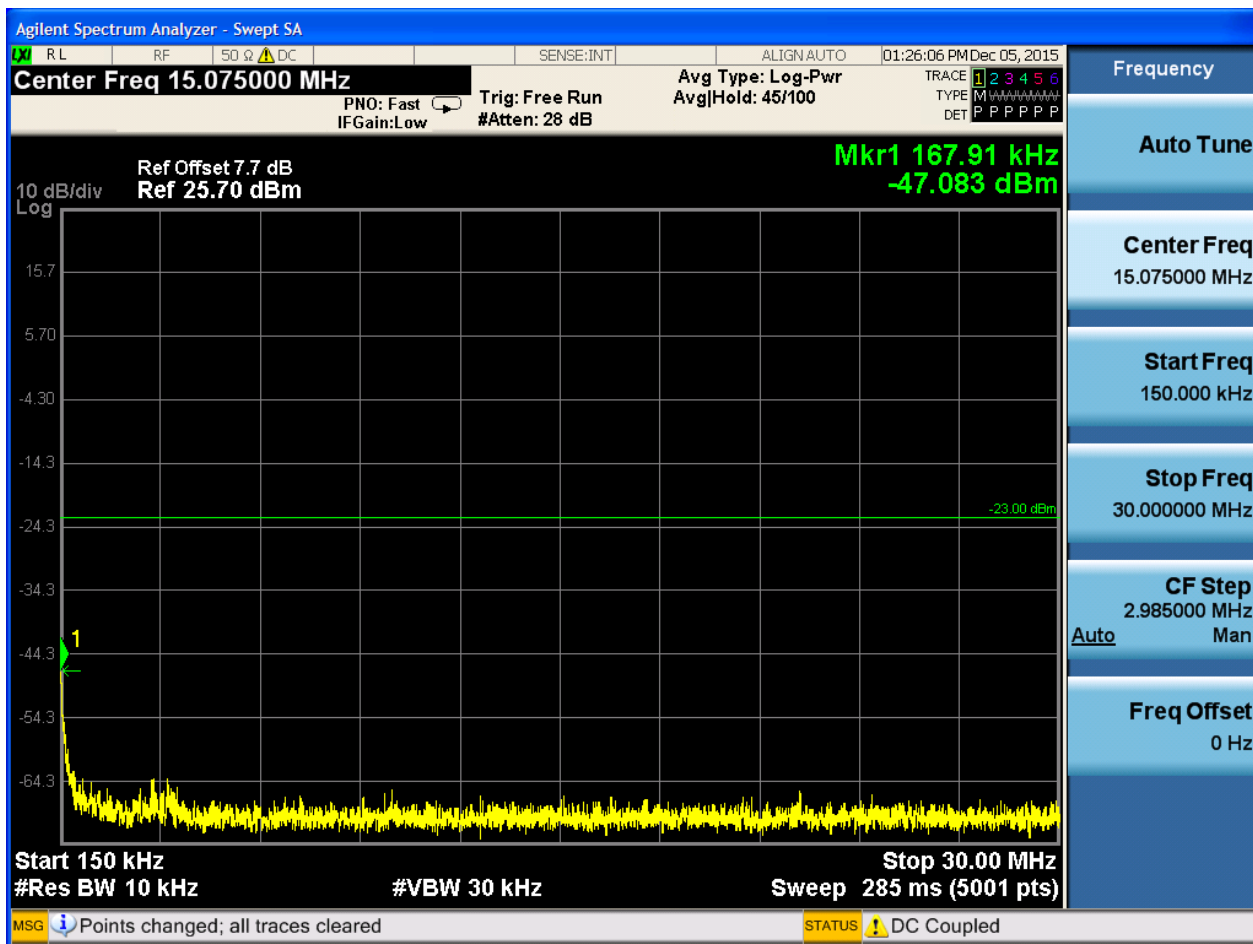


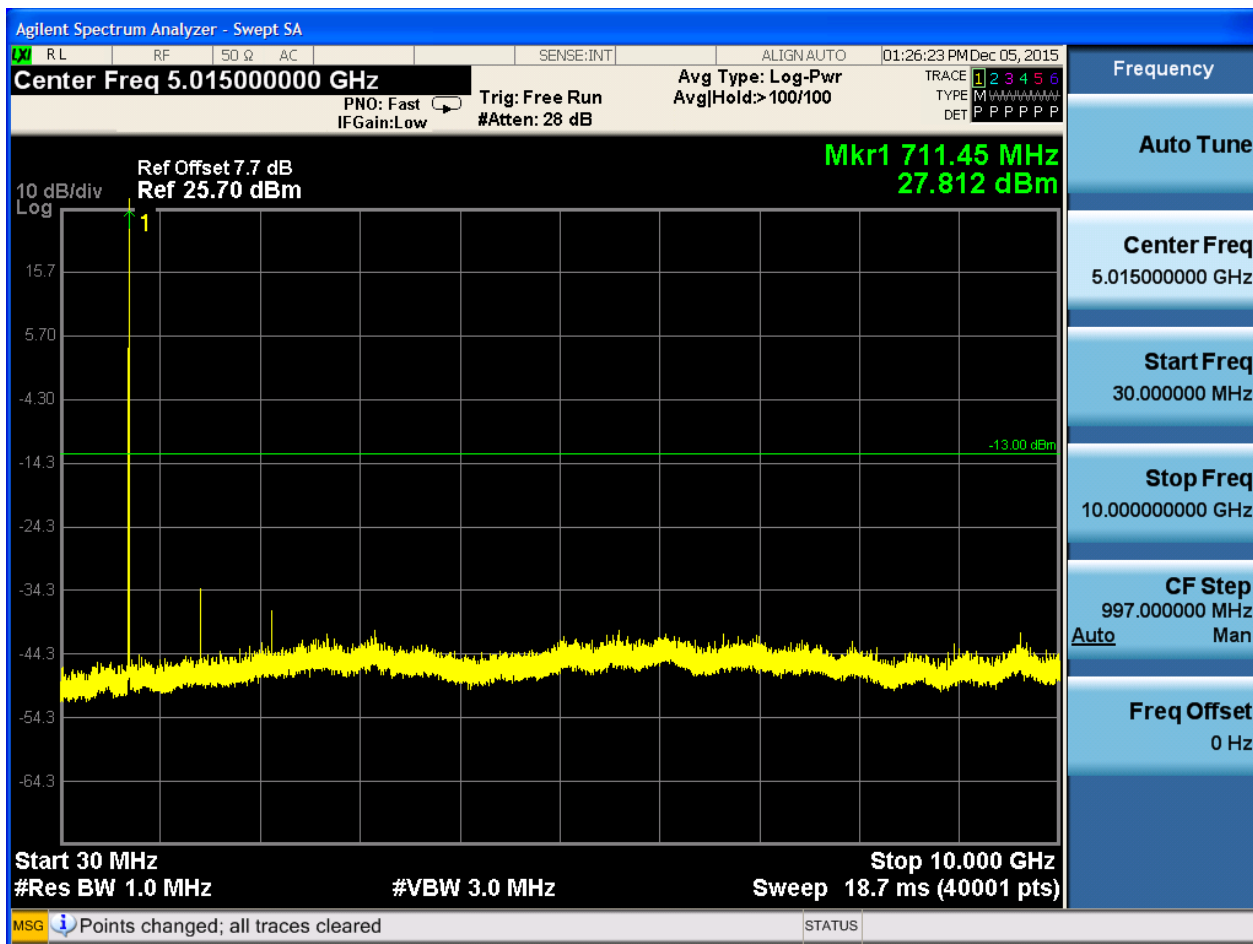


### 6.1.1.2.3.3 Test Channel = HCH

#### 6.1.1.2.3.3.1 Test RB = RB1#0





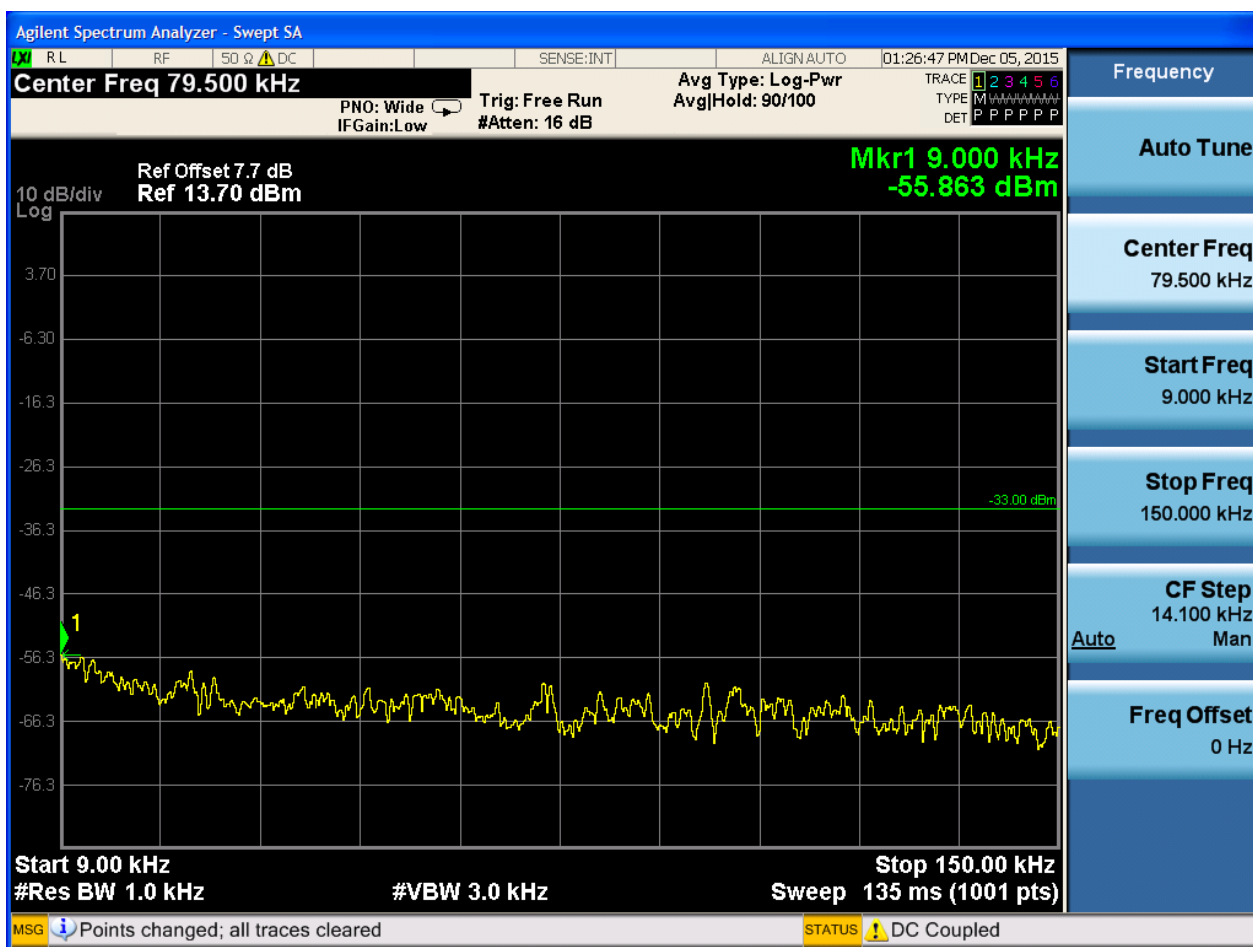


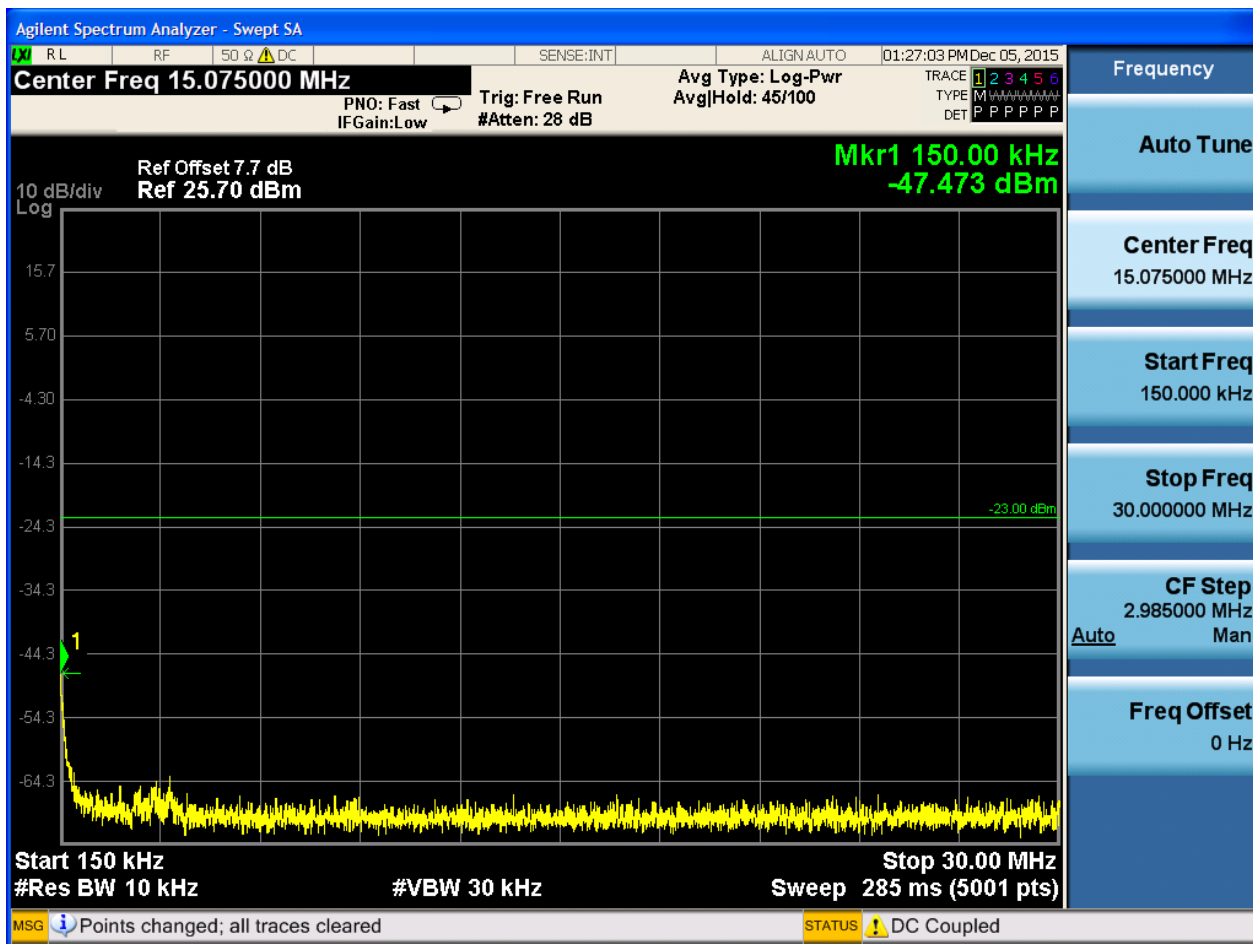


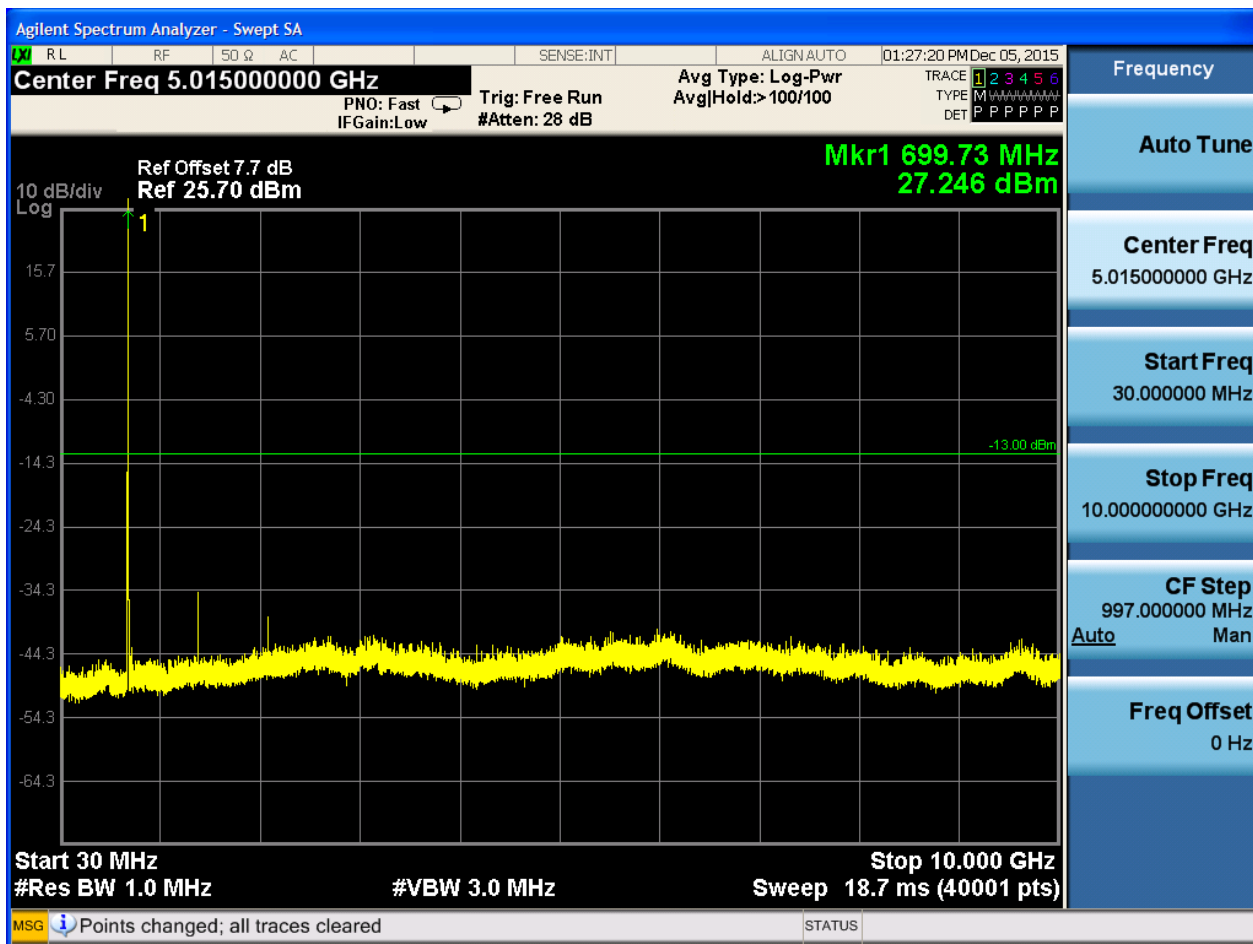
## 6.1.1.2.4 Test Bandwidth = 10

## 6.1.1.2.4.1 Test Channel = LCH

## 6.1.1.2.4.1.1 Test RB = RB1#0

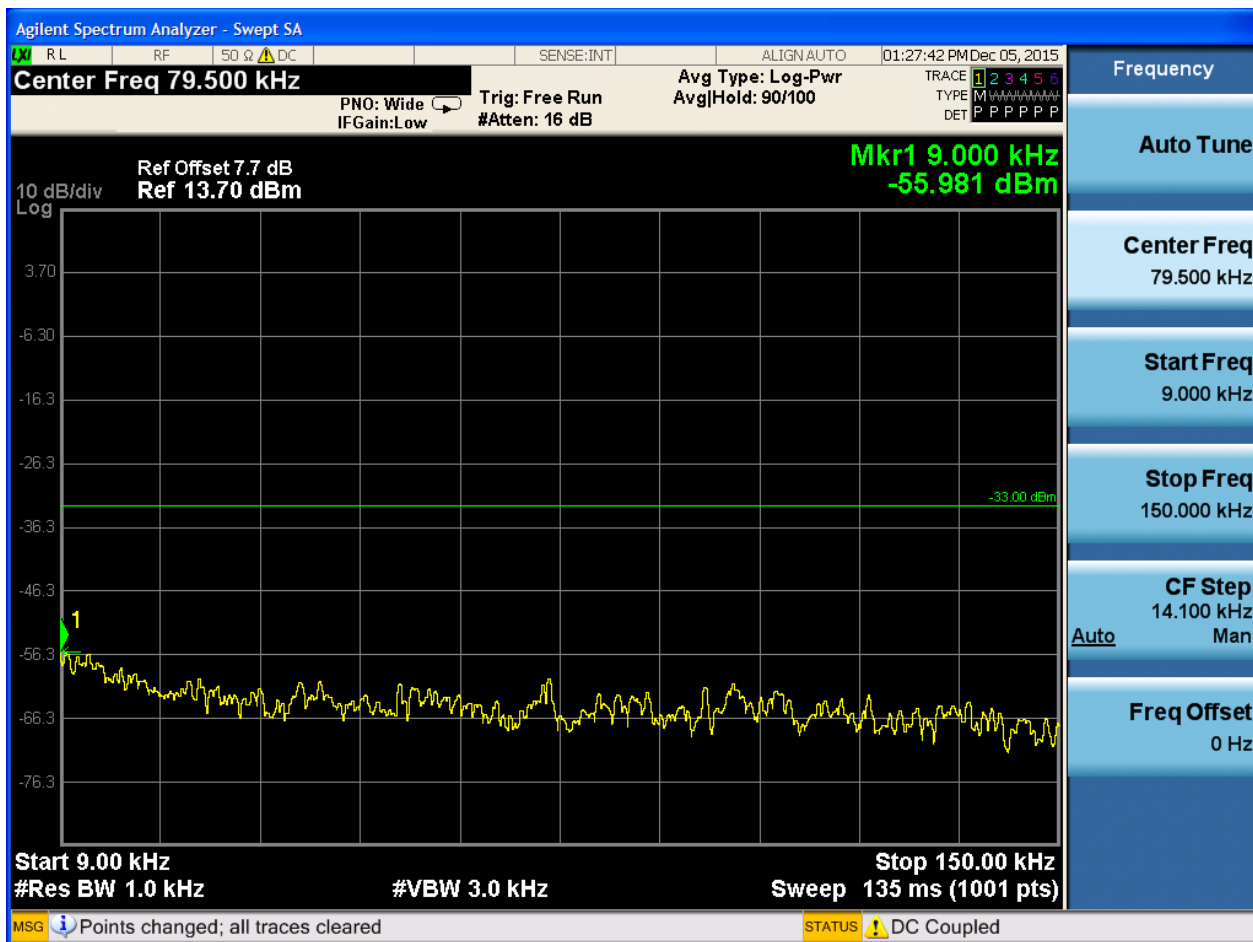


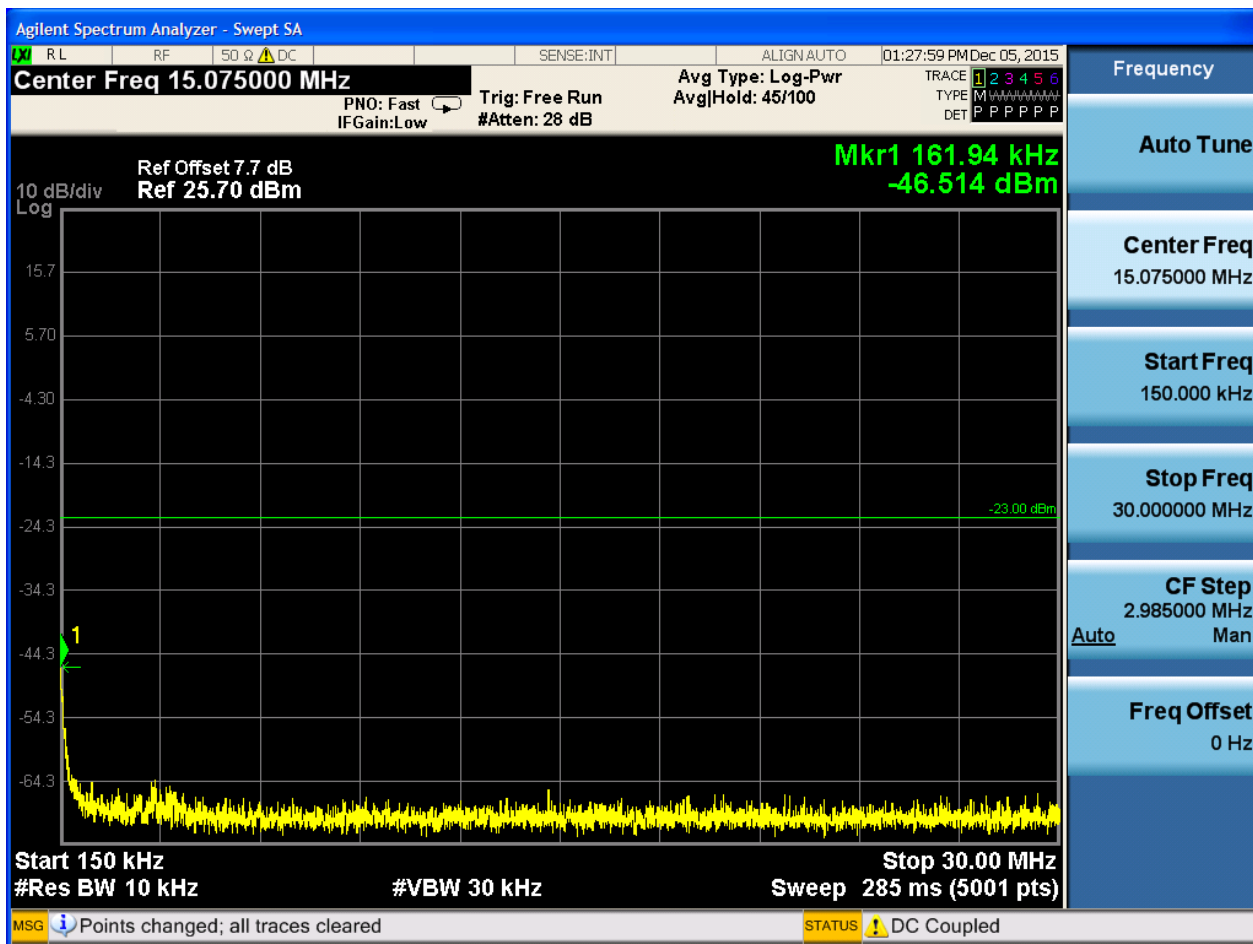


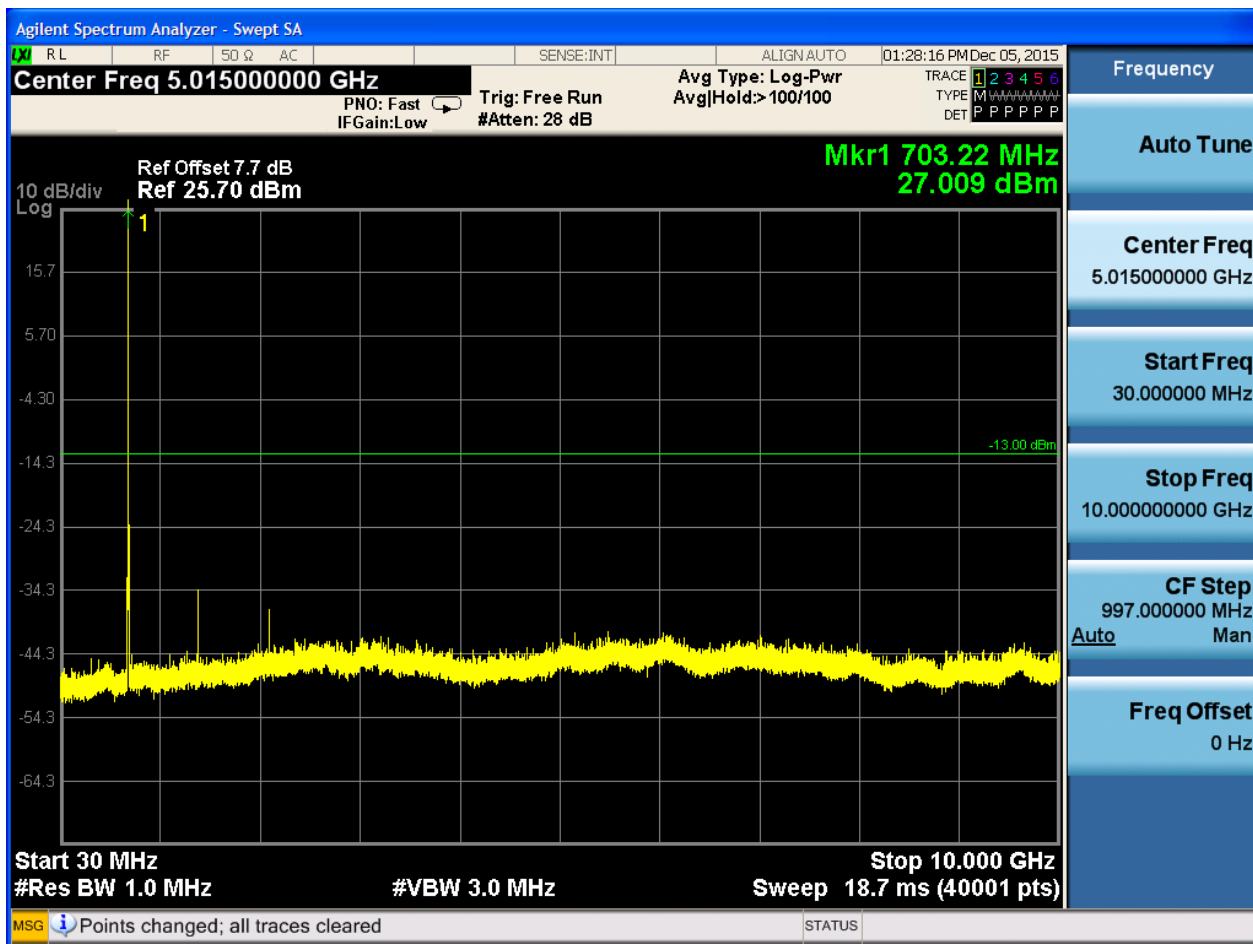


#### 6.1.1.2.4.2 Test Channel = MCH

##### 6.1.1.2.4.2.1 Test RB = RB1#0

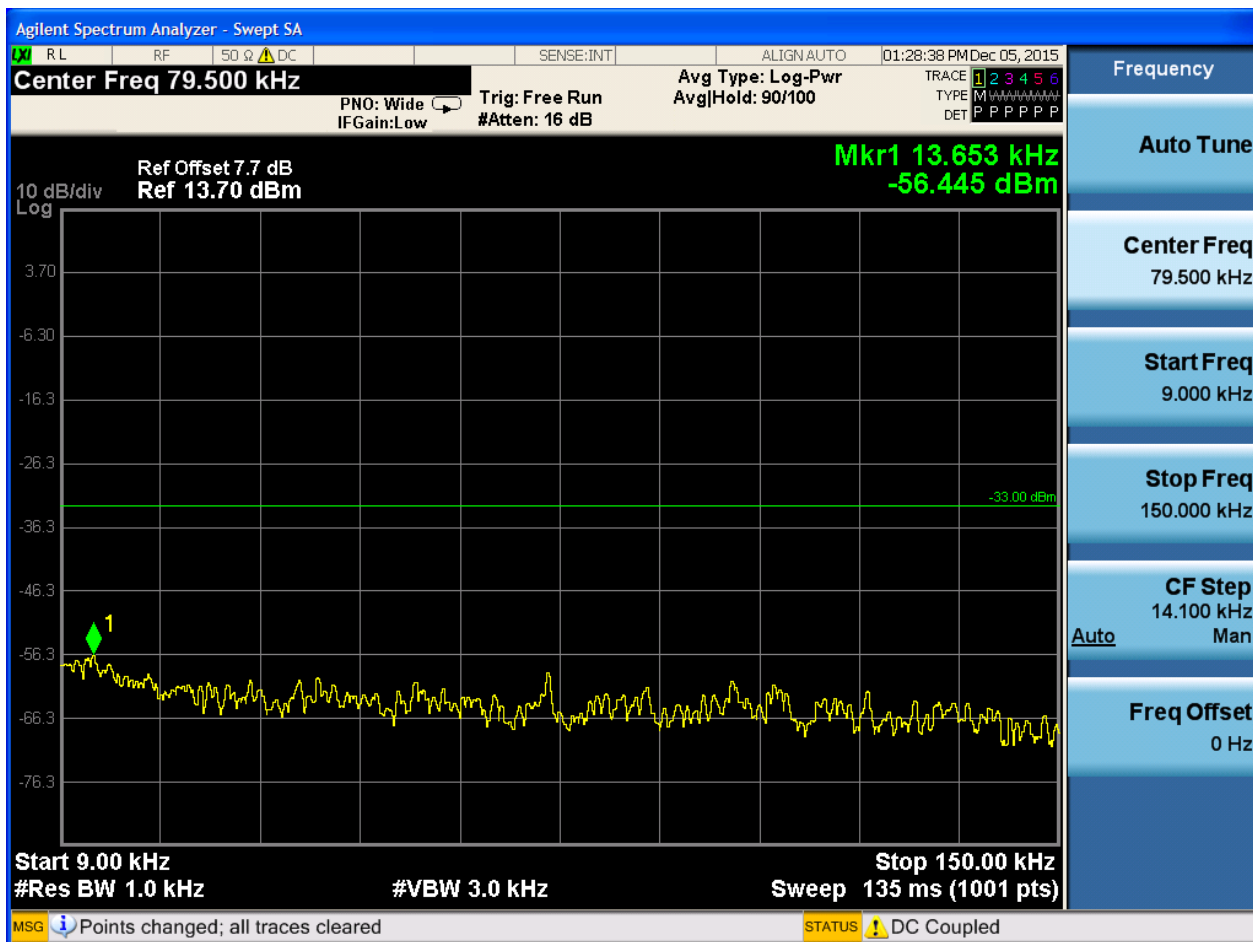


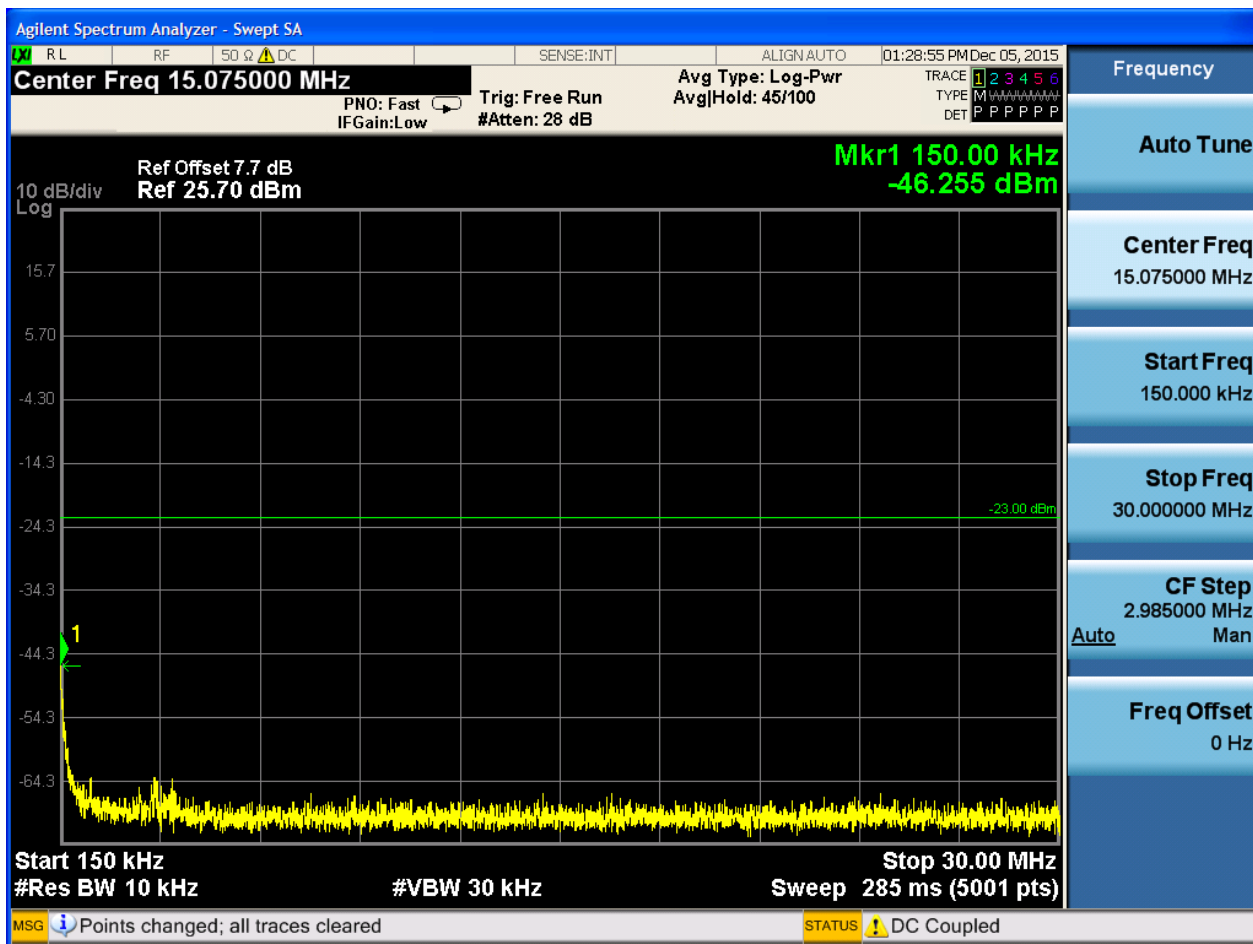


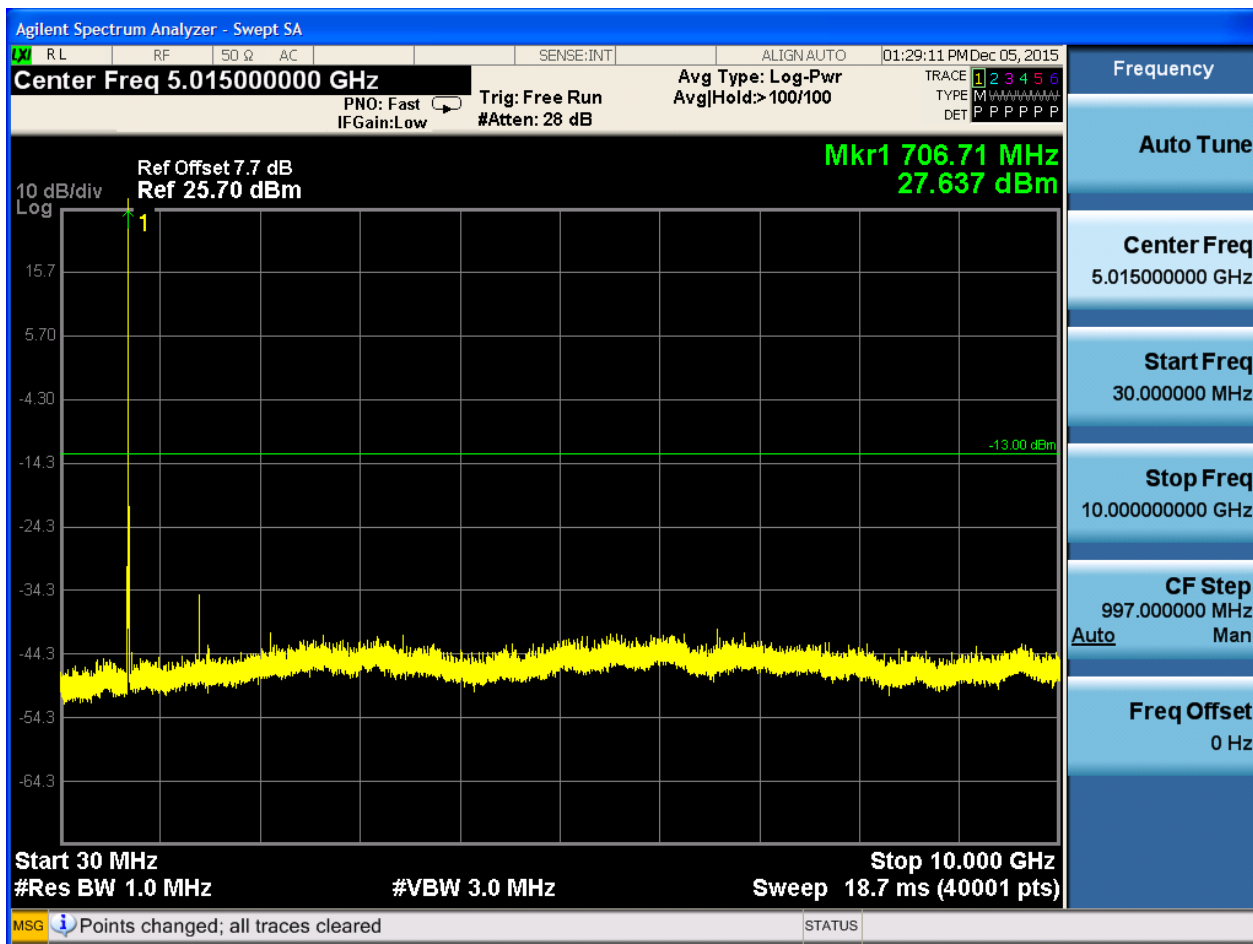


### 6.1.1.2.4.3 Test Channel = HCH

#### 6.1.1.2.4.3.1 Test RB = RB1#0







## 7Appendix\_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case

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

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

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

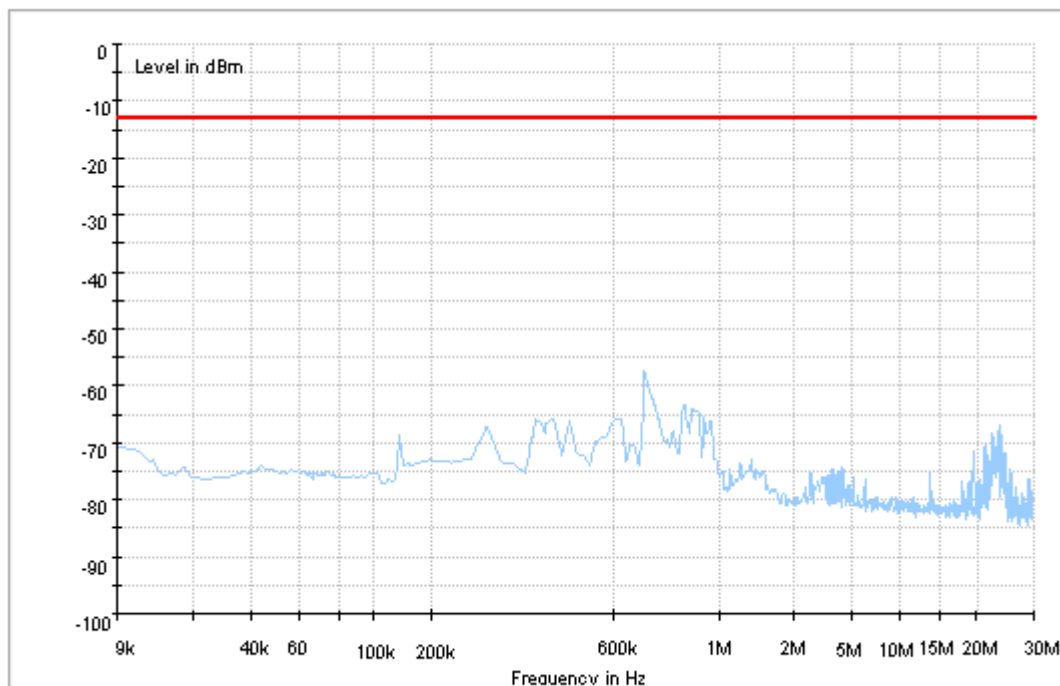
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

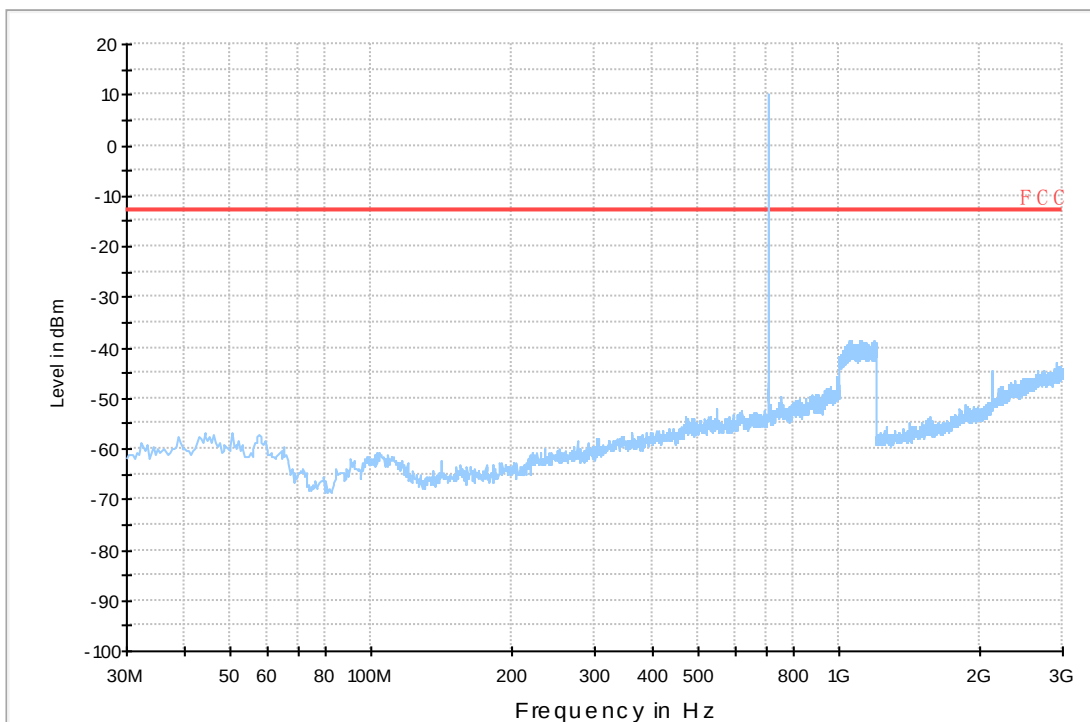
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND12

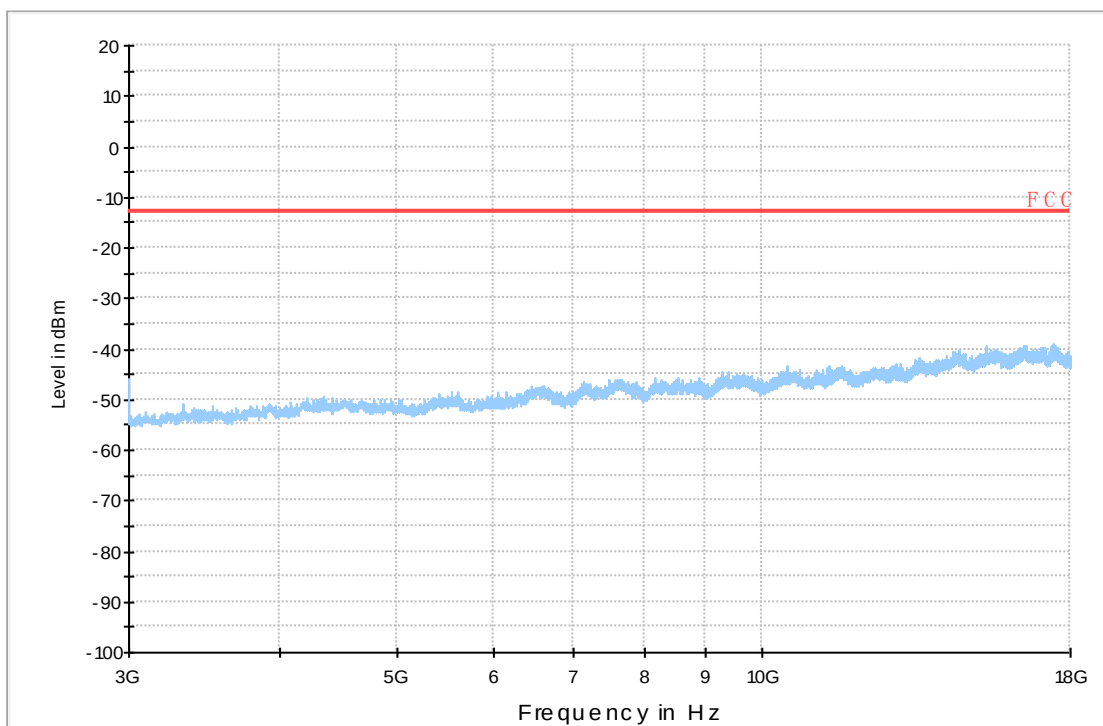
##### 7.1.1.1 Test Bandwidth = 1.4



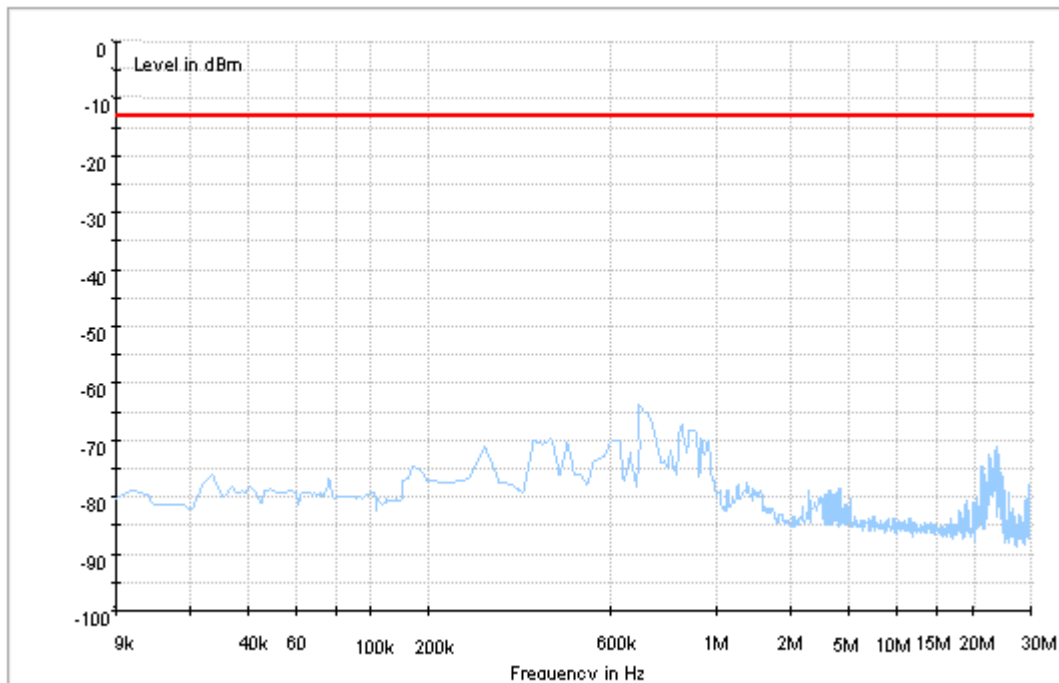
## Copy of RSE-TX-DIRECTOR BELOW 1G\_L



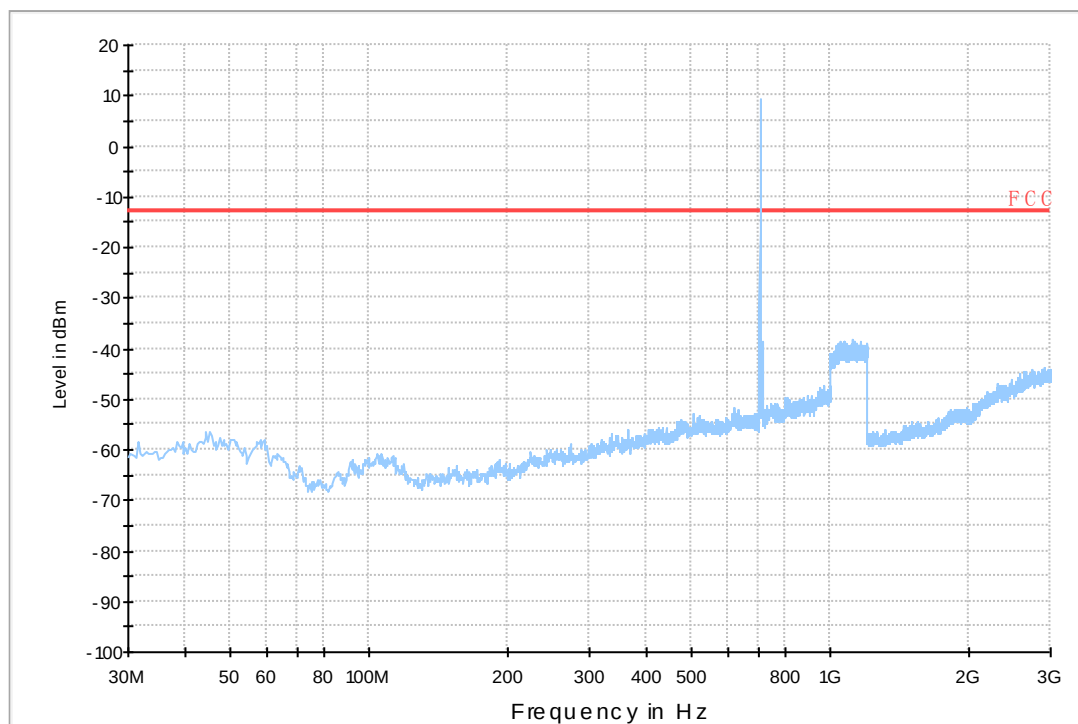
## Copy of RSE-TX-DIRECTOR BELOW 1G\_H



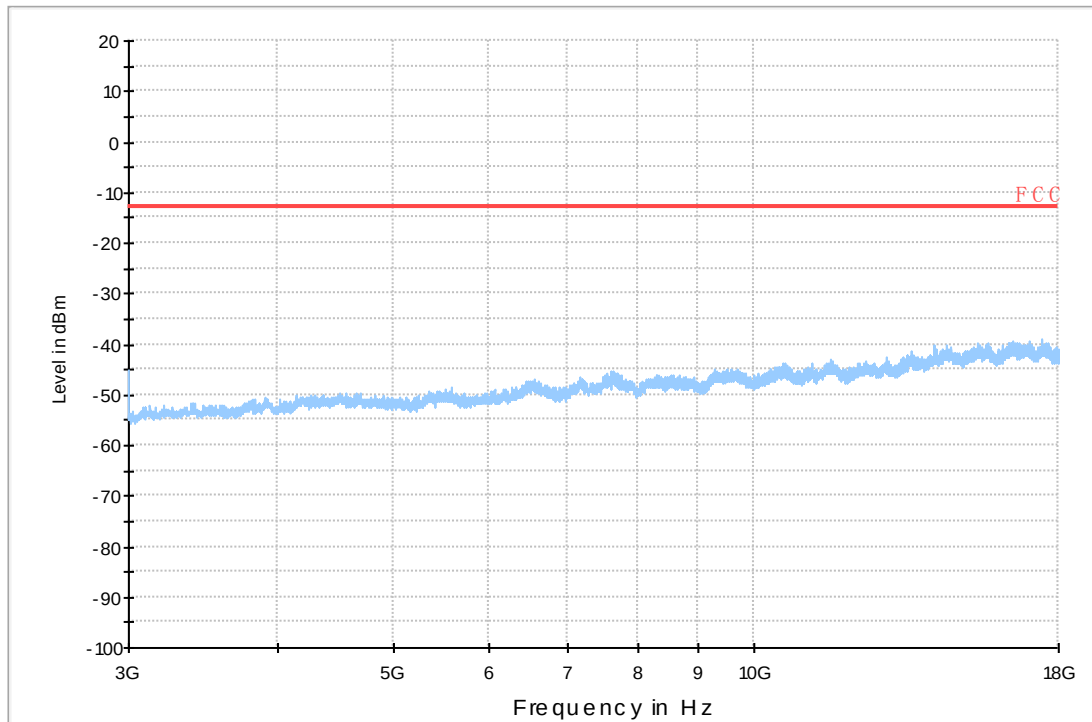
### 7.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L



## Copy of RSE-TX-DIRECTOR BELOW 1G\_H



## 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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND12    | LTE/TM1   | 1.4                  | LCH          | TN         | VL         | -0.11            | -0.00016              | PASS    |
|           |           |                      |              |            | VN         | -1.82            | -0.0026               | PASS    |
|           |           |                      |              |            | VH         | -1.47            | -0.0021               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.53             | 0.00075               | PASS    |
|           |           |                      |              |            | VN         | -0.07            | -0.0001               | PASS    |
|           |           |                      |              |            | VH         | -1.00            | -0.00141              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.94            | -0.00131              | PASS    |
|           |           |                      |              |            | VN         | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | VH         | -0.97            | -0.00136              | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | 3.63             | 0.00518               | PASS    |
|           |           |                      |              |            | VN         | 2.16             | 0.00308               | PASS    |
|           |           |                      |              |            | VH         | 3.22             | 0.0046                | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.21            | -0.0003               | PASS    |
|           |           |                      |              |            | VN         | -1.34            | -0.00189              | PASS    |
|           |           |                      |              |            | VH         | 0.06             | 0.00008               | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.09            | -0.00013              | PASS    |
|           |           |                      |              |            | VN         | -0.06            | -0.00008              | PASS    |
|           |           |                      |              |            | VH         | -0.39            | -0.00055              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -1.04            | -0.00148              | PASS    |
|           |           |                      |              |            | VN         | -0.76            | -0.00108              | PASS    |
|           |           |                      |              |            | VH         | -1.22            | -0.00174              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -1.69            | -0.00239              | PASS    |
|           |           |                      |              |            | VN         | -0.97            | -0.00137              | PASS    |
|           |           |                      |              |            | VH         | -1.50            | -0.00212              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.83            | -0.00116              | PASS    |
|           |           |                      |              |            | VN         | -0.69            | -0.00097              | PASS    |
|           |           |                      |              |            | VH         | -0.87            | -0.00122              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -0.41            | -0.00058              | PASS    |
|           |           |                      |              |            | VN         | -0.94            | -0.00134              | PASS    |
|           |           |                      |              |            | VH         | -0.26            | -0.00037              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -2.55            | -0.0036               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      | HCH          | TN         | VN         | -2.47            | -0.00349              | PASS    |
|           |           |                      |              |            | VH         | -3.65            | -0.00516              | PASS    |
|           |           |                      |              |            | VL         | -6.97            | -0.0098               | PASS    |
|           |           |                      |              |            | VN         | -4.95            | -0.00696              | PASS    |
|           |           |                      |              |            | VH         | -5.76            | -0.0081               | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | TN         | VL         | -2.16            | -0.00309              | PASS    |
|           |           |                      |              |            | VN         | -1.26            | -0.0018               | PASS    |
|           |           |                      |              |            | VH         | -1.40            | -0.002                | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.41            | -0.00058              | PASS    |
|           |           |                      |              |            | VN         | -0.27            | -0.00038              | PASS    |
|           |           |                      |              |            | VH         | -0.31            | -0.00044              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -1.16            | -0.00162              | PASS    |
|           |           |                      |              |            | VN         | -0.96            | -0.00134              | PASS    |
|           |           |                      |              |            | VH         | -0.97            | -0.00136              | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | 1.52             | 0.00217               | PASS    |
|           |           |                      |              |            | VN         | 1.09             | 0.00156               | PASS    |
|           |           |                      |              |            | VH         | 1.73             | 0.00247               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.37            | -0.00052              | PASS    |
|           |           |                      |              |            | VN         | -0.49            | -0.00069              | PASS    |
|           |           |                      |              |            | VH         | -0.46            | -0.00065              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 0.11             | 0.00015               | PASS    |
|           |           |                      |              |            | VN         | -0.30            | -0.00042              | PASS    |
|           |           |                      |              |            | VH         | -0.84            | -0.00118              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | 0.19             | 0.00027               | PASS    |
|           |           |                      |              |            | VN         | -0.04            | -0.00006              | PASS    |
|           |           |                      |              |            | VH         | -1.37            | -0.00195              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.33            | -0.00047              | PASS    |
|           |           |                      |              |            | VN         | -1.83            | -0.00259              | PASS    |
|           |           |                      |              |            | VH         | -0.34            | -0.00048              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.87            | -0.00122              | PASS    |
|           |           |                      |              |            | VN         | -1.12            | -0.00157              | PASS    |
|           |           |                      |              |            | VH         | -0.20            | -0.00028              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | 0.00             | 0                     | PASS    |
|           |           |                      |              |            | VN         | -0.31            | -0.00044              | PASS    |
|           |           |                      |              |            | VH         | -1.30            | -0.00185              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.03            | -0.00004              | PASS    |
|           |           |                      |              |            | VN         | -0.29            | -0.00041              | PASS    |
|           |           |                      |              |            | VH         | -0.14            | -0.0002               | PASS    |
|           |           |                      | HCH          | TN         | VL         | -1.92            | -0.0027               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      |              |            | VN         | -1.52            | -0.00214              | PASS    |
|           |           |                      |              |            | VH         | -1.86            | -0.00262              | 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 |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| BAND12    | LTE/TM1   | 1.4                  | LCH          | VN         | -30       | -1.89            | -0.0027               | PASS    |
|           |           |                      |              |            | -20       | -3.13            | -0.00447              | PASS    |
|           |           |                      |              |            | -10       | -2.23            | -0.00319              | PASS    |
|           |           |                      |              |            | 0         | -1.40            | -0.002                | PASS    |
|           |           |                      |              |            | 10        | -2.13            | -0.00304              | PASS    |
|           |           |                      |              |            | 20        | -2.05            | -0.00293              | PASS    |
|           |           |                      |              |            | 30        | -2.69            | -0.00384              | PASS    |
|           |           |                      |              |            | 40        | -1.85            | -0.00264              | PASS    |
|           |           |                      |              |            | 50        | -2.23            | -0.00319              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -1.02            | -0.00144              | PASS    |
|           |           |                      |              |            | -20       | -0.06            | -0.00008              | PASS    |
|           |           |                      |              |            | -10       | -0.80            | -0.00113              | PASS    |
|           |           |                      |              |            | 0         | -0.73            | -0.00103              | PASS    |
|           |           |                      |              |            | 10        | -0.01            | -0.00001              | PASS    |
|           |           |                      |              |            | 20        | -0.64            | -0.0009               | PASS    |
|           |           |                      |              |            | 30        | 0.63             | 0.00089               | PASS    |
|           |           |                      |              |            | 40        | -1.54            | -0.00218              | PASS    |
|           |           |                      |              |            | 50        | -0.72            | -0.00102              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -0.06            | -0.00008              | PASS    |
|           |           |                      |              |            | -20       | -1.77            | -0.00247              | PASS    |
|           |           |                      |              |            | -10       | -1.00            | -0.0014               | PASS    |
|           |           |                      |              |            | 0         | -1.13            | -0.00158              | PASS    |
|           |           |                      |              |            | 10        | -1.17            | -0.00164              | PASS    |
|           |           |                      |              |            | 20        | -0.50            | -0.0007               | PASS    |
|           |           |                      |              |            | 30        | -0.80            | -0.00112              | PASS    |
|           |           |                      |              |            | 40        | -0.43            | -0.0006               | PASS    |
|           |           |                      |              |            | 50        | -1.20            | -0.00168              | PASS    |
|           |           | 3                    | LCH          | VN         | -30       | 1.19             | 0.0017                | PASS    |
|           |           |                      |              |            | -20       | 0.96             | 0.00137               | PASS    |
|           |           |                      |              |            | -10       | 0.04             | 0.00006               | PASS    |
|           |           |                      |              |            | 0         | 1.24             | 0.00177               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10        | 2.79             | 0.00398               | PASS    |
|           |           |                      |              |            | 20        | 1.24             | 0.00177               | PASS    |
|           |           |                      |              |            | 30        | 0.73             | 0.00104               | PASS    |
|           |           |                      |              |            | 40        | 1.03             | 0.00147               | PASS    |
|           |           |                      |              |            | 50        | 1.16             | 0.00166               | PASS    |
|           |           |                      | MCH          | VN         | -30       | 0.11             | 0.00016               | PASS    |
|           |           |                      |              |            | -20       | -0.20            | -0.00028              | PASS    |
|           |           |                      |              |            | -10       | -1.13            | -0.0016               | PASS    |
|           |           |                      |              |            | 0         | -0.36            | -0.00051              | PASS    |
|           |           |                      |              |            | 10        | -1.36            | -0.00192              | PASS    |
|           |           |                      |              |            | 20        | -0.36            | -0.00051              | PASS    |
|           |           |                      |              |            | 30        | -0.21            | -0.0003               | PASS    |
|           |           |                      |              |            | 40        | -0.67            | -0.00095              | PASS    |
|           |           |                      |              |            | 50        | -0.94            | -0.00133              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -1.00            | -0.0014               | PASS    |
|           |           |                      |              |            | -20       | 0.31             | 0.00043               | PASS    |
|           |           |                      |              |            | -10       | -0.21            | -0.00029              | PASS    |
|           |           |                      |              |            | 0         | -0.50            | -0.0007               | PASS    |
|           |           |                      |              |            | 10        | -0.67            | -0.00094              | PASS    |
|           |           |                      |              |            | 20        | -0.44            | -0.00062              | PASS    |
|           |           |                      |              |            | 30        | -0.66            | -0.00092              | PASS    |
|           |           |                      |              |            | 40        | -0.97            | -0.00136              | PASS    |
|           |           |                      |              |            | 50        | 0.63             | 0.00088               | PASS    |
|           |           | 5                    | LCH          | VN         | -30       | -0.40            | -0.00057              | PASS    |
|           |           |                      |              |            | -20       | -0.64            | -0.00091              | PASS    |
|           |           |                      |              |            | -10       | -0.34            | -0.00048              | PASS    |
|           |           |                      |              |            | 0         | -0.70            | -0.001                | PASS    |
|           |           |                      |              |            | 10        | -0.07            | -0.0001               | PASS    |
|           |           |                      |              |            | 20        | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | 30        | -0.69            | -0.00098              | PASS    |
|           |           |                      |              |            | 40        | -0.73            | -0.00104              | PASS    |
|           |           |                      |              |            | 50        | -0.90            | -0.00128              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -0.39            | -0.00055              | PASS    |
|           |           |                      |              |            | -20       | -0.79            | -0.00112              | PASS    |
|           |           |                      |              |            | -10       | -0.62            | -0.00088              | PASS    |
|           |           |                      |              |            | 0         | -0.73            | -0.00103              | PASS    |
|           |           |                      |              |            | 10        | -0.67            | -0.00095              | PASS    |
|           |           |                      |              |            | 20        | 0.06             | 0.00008               | PASS    |
|           |           |                      |              |            | 30        | -0.62            | -0.00088              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40        | 0.07             | 0.0001                | PASS    |
|           |           |                      |              |            | 50        | -0.80            | -0.00113              | PASS    |
|           |           |                      | HCH          | VN         | -30       | 0.03             | 0.00004               | PASS    |
|           |           |                      |              |            | -20       | 0.13             | 0.00018               | PASS    |
|           |           |                      |              |            | -10       | 0.07             | 0.0001                | PASS    |
|           |           |                      |              |            | 0         | -0.92            | -0.00129              | PASS    |
|           |           |                      |              |            | 10        | -0.44            | -0.00062              | PASS    |
|           |           |                      |              |            | 20        | -0.23            | -0.00032              | PASS    |
|           |           |                      |              |            | 30        | 0.39             | 0.00055               | PASS    |
|           |           |                      |              |            | 40        | -0.37            | -0.00052              | PASS    |
|           |           |                      |              |            | 50        | -1.13            | -0.00158              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -0.94            | -0.00134              | PASS    |
|           |           |                      |              |            | -20       | -0.24            | -0.00034              | PASS    |
|           |           |                      |              |            | -10       | -0.64            | -0.00091              | PASS    |
|           |           |                      |              |            | 0         | -1.36            | -0.00193              | PASS    |
|           |           |                      |              |            | 10        | -0.77            | -0.00109              | PASS    |
|           |           |                      |              |            | 20        | -2.37            | -0.00337              | PASS    |
|           |           |                      |              |            | 30        | -0.70            | -0.00099              | PASS    |
|           |           |                      |              |            | 40        | 0.21             | 0.0003                | PASS    |
|           |           |                      |              |            | 50        | -0.82            | -0.00116              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -2.95            | -0.00417              | PASS    |
|           |           |                      |              |            | -20       | -3.78            | -0.00534              | PASS    |
|           |           |                      |              |            | -10       | -3.15            | -0.00445              | PASS    |
|           |           |                      |              |            | 0         | -3.85            | -0.00544              | PASS    |
|           |           |                      |              |            | 10        | -3.19            | -0.00451              | PASS    |
|           |           |                      |              |            | 20        | -3.38            | -0.00478              | PASS    |
|           |           |                      |              |            | 30        | -1.93            | -0.00273              | PASS    |
|           |           |                      |              |            | 40        | -3.48            | -0.00492              | PASS    |
|           |           |                      |              |            | 50        | -2.93            | -0.00414              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -7.54            | -0.0106               | PASS    |
|           |           |                      |              |            | -20       | -6.72            | -0.00945              | PASS    |
|           |           |                      |              |            | -10       | -5.78            | -0.00813              | PASS    |
|           |           |                      |              |            | 0         | -5.52            | -0.00776              | PASS    |
|           |           |                      |              |            | 10        | -5.18            | -0.00729              | PASS    |
|           |           |                      |              |            | 20        | -6.54            | -0.0092               | PASS    |
|           |           |                      |              |            | 30        | -6.37            | -0.00896              | PASS    |
|           |           |                      |              |            | 40        | -6.17            | -0.00868              | PASS    |
|           |           |                      |              |            | 50        | -6.61            | -0.0093               | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | VN         | -30       | -0.43            | -0.00061              | PASS    |