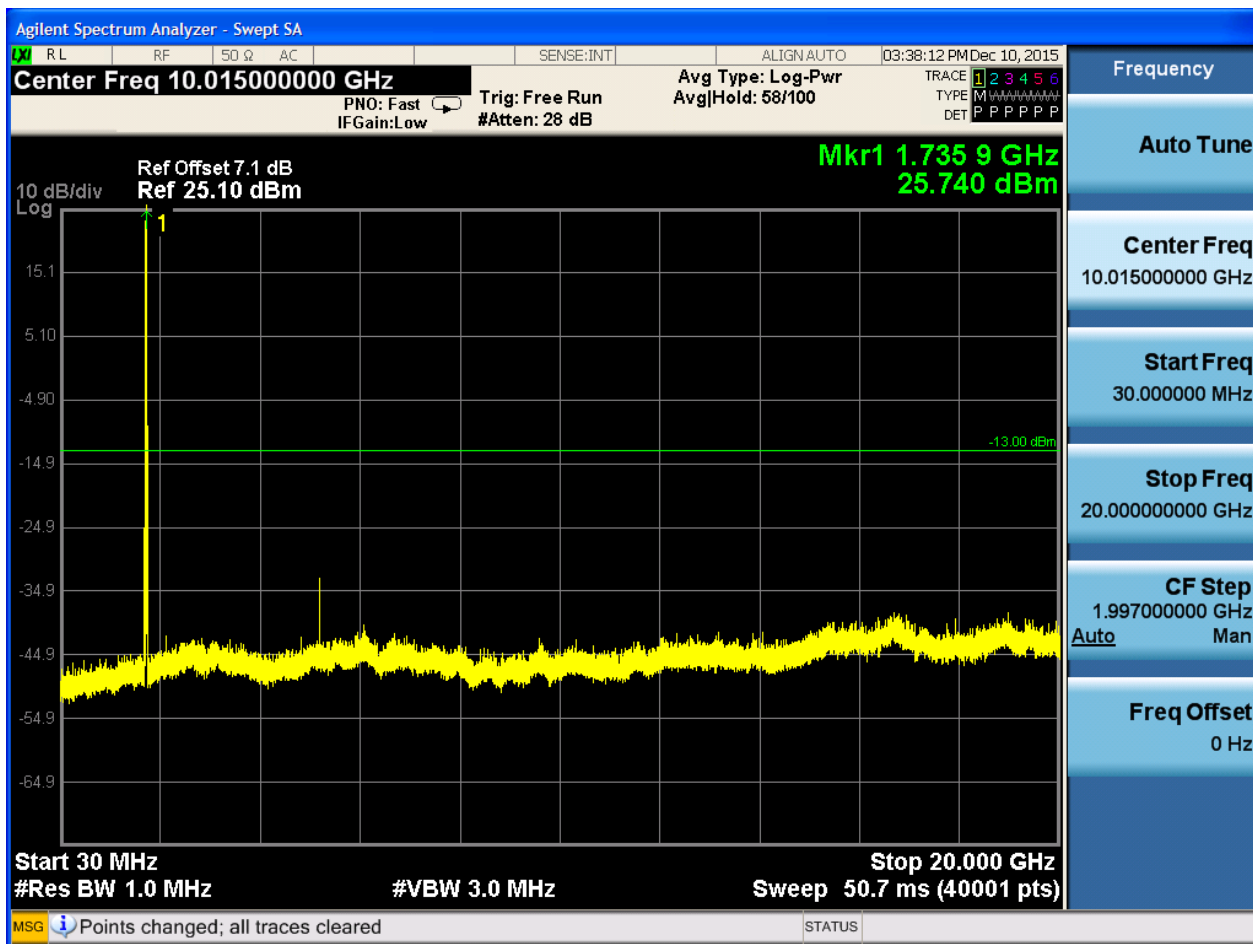


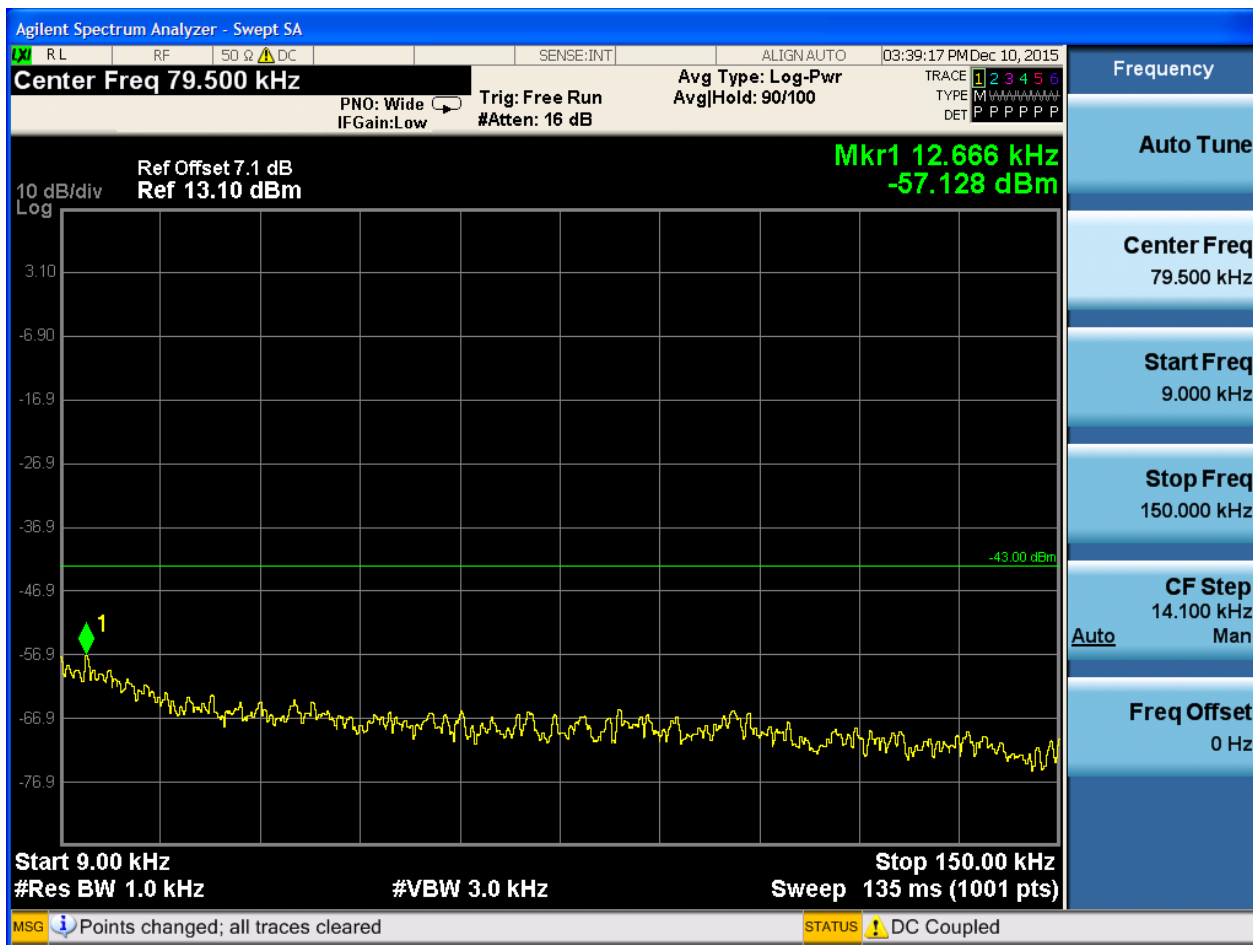


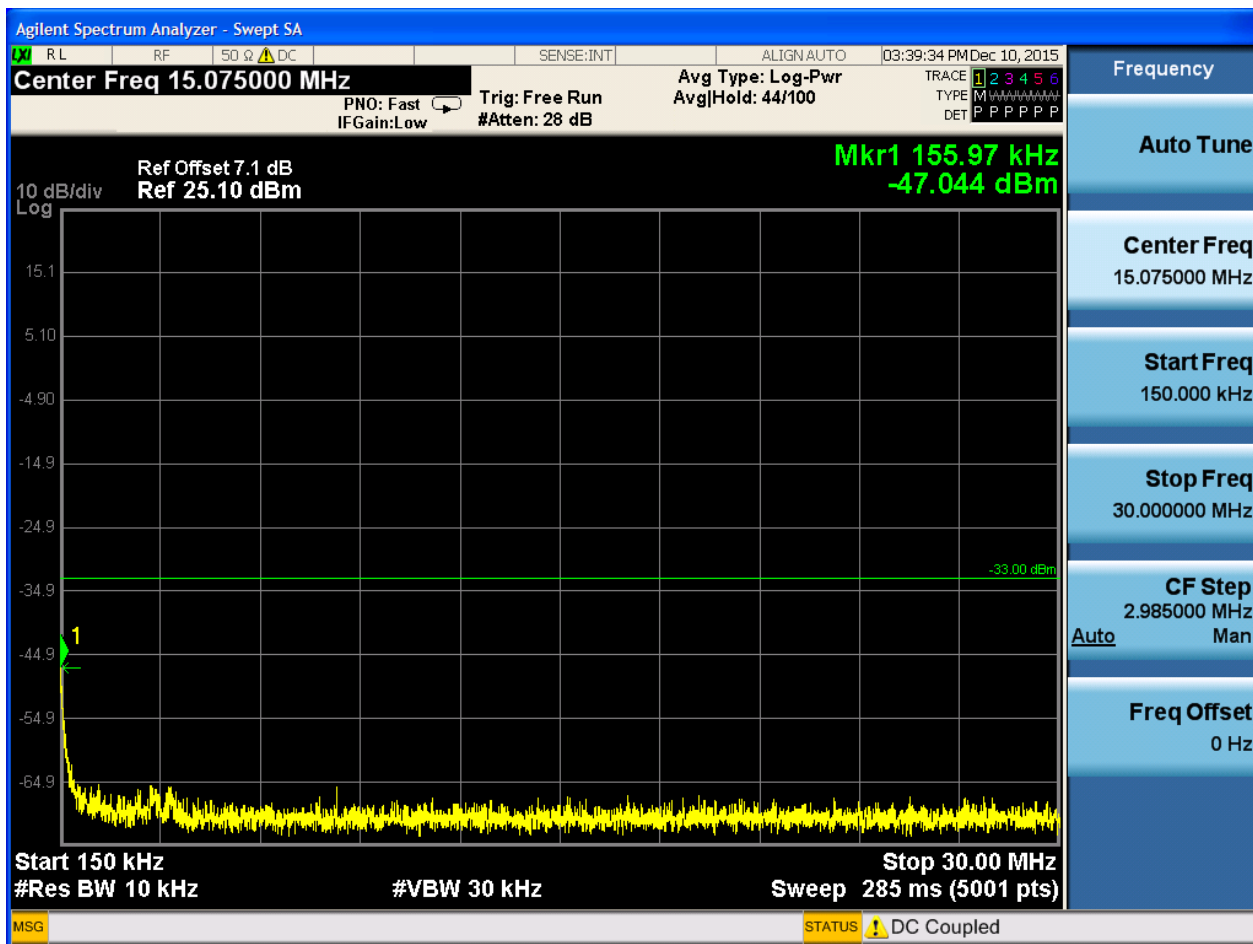
### 6.1.1.2 Test Mode = LTE/TM2

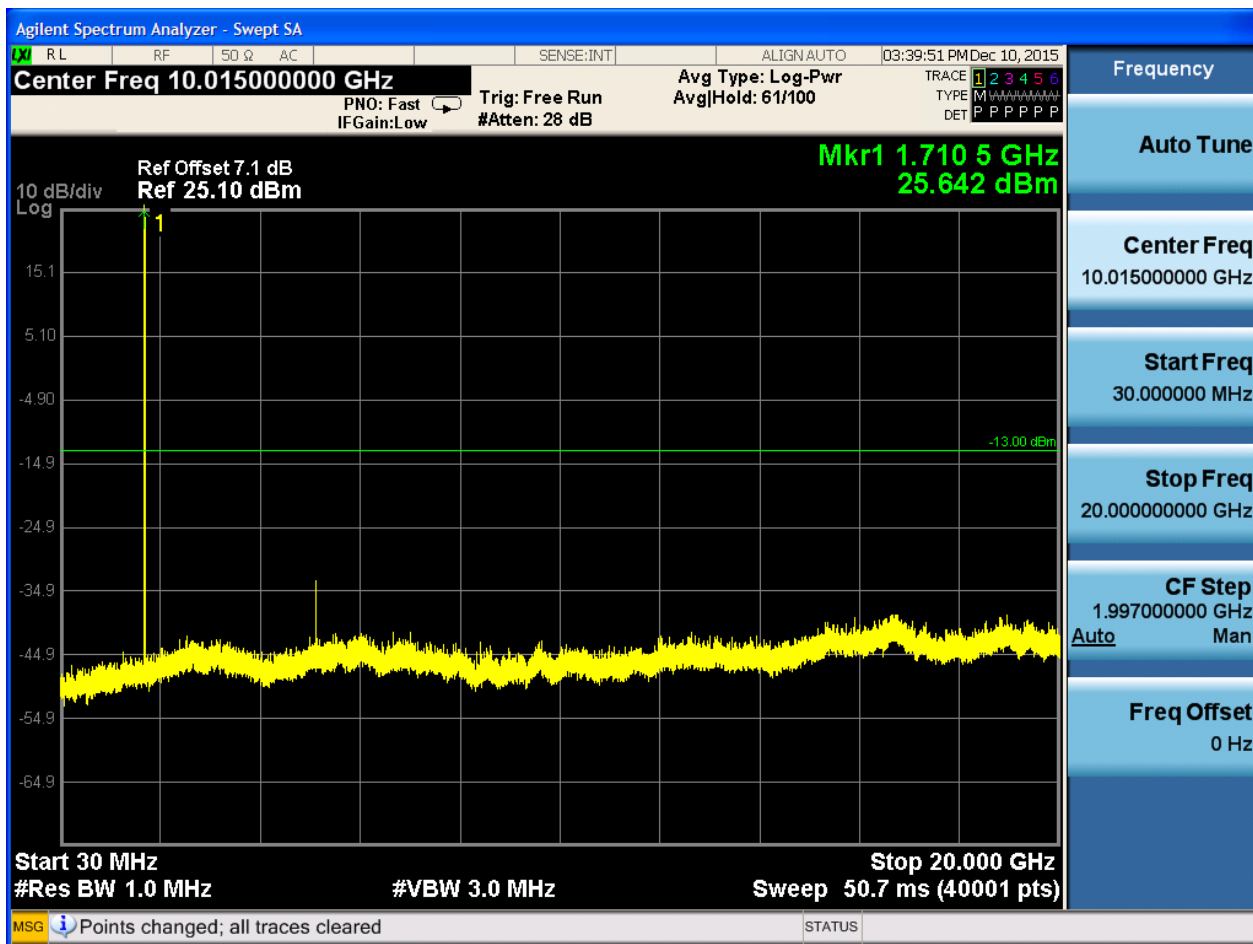
#### 6.1.1.2.1 Test Bandwidth = 1.4

##### 6.1.1.2.1.1 Test Channel = LCH

##### 6.1.1.2.1.1.1 Test RB = RB1#0

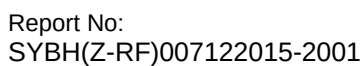


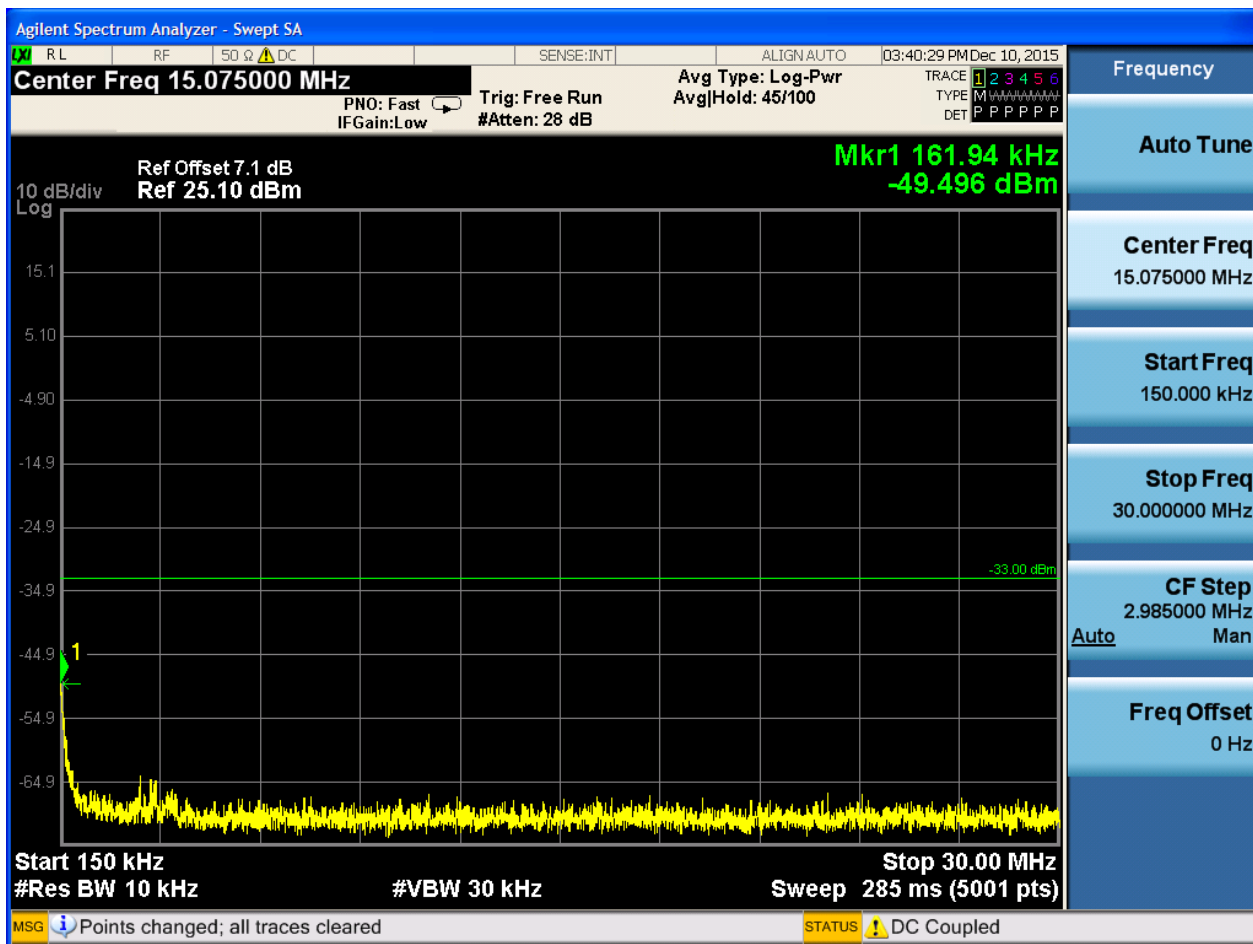


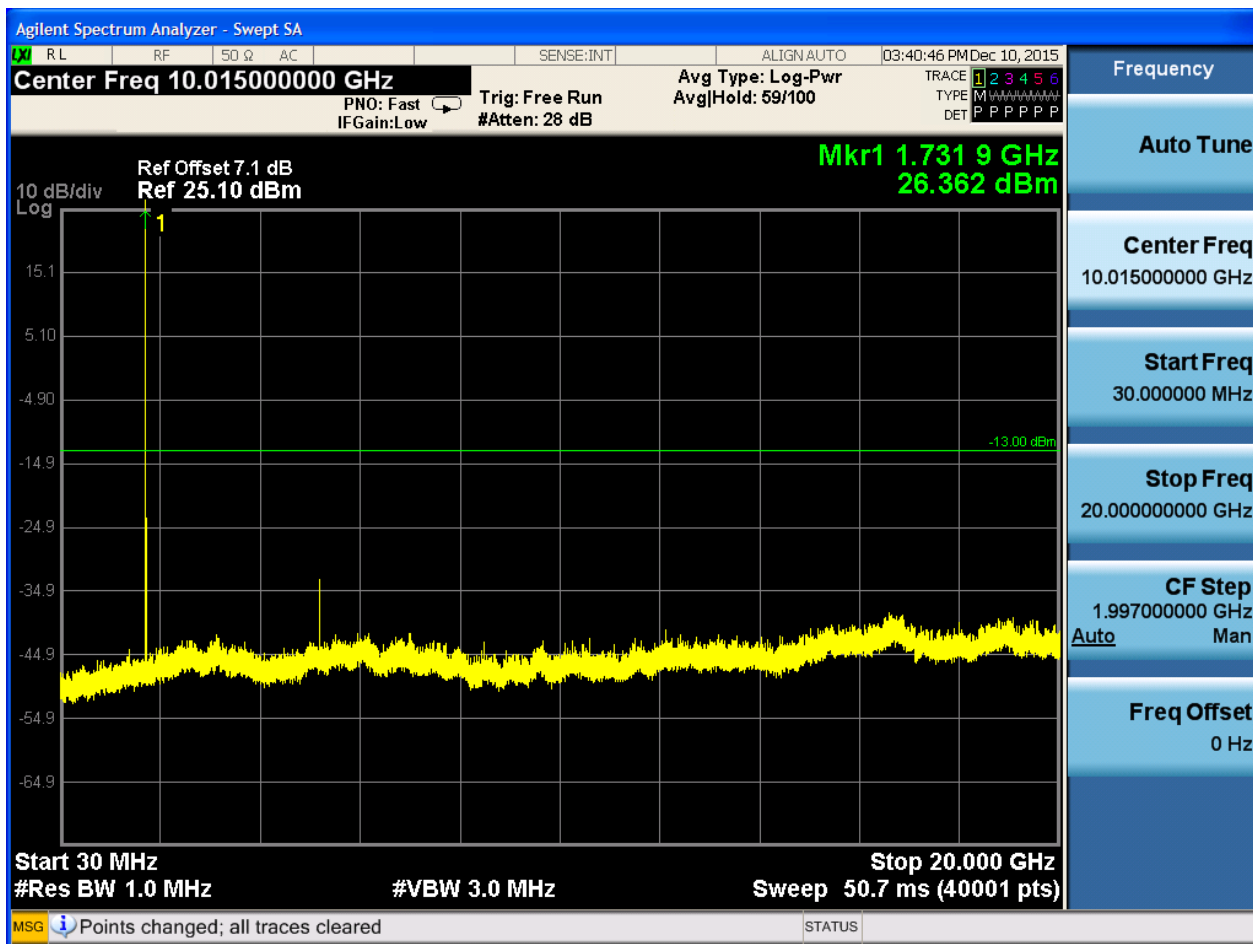




#### 6.1.1.2.1.2.1 Test RB = RB1#0



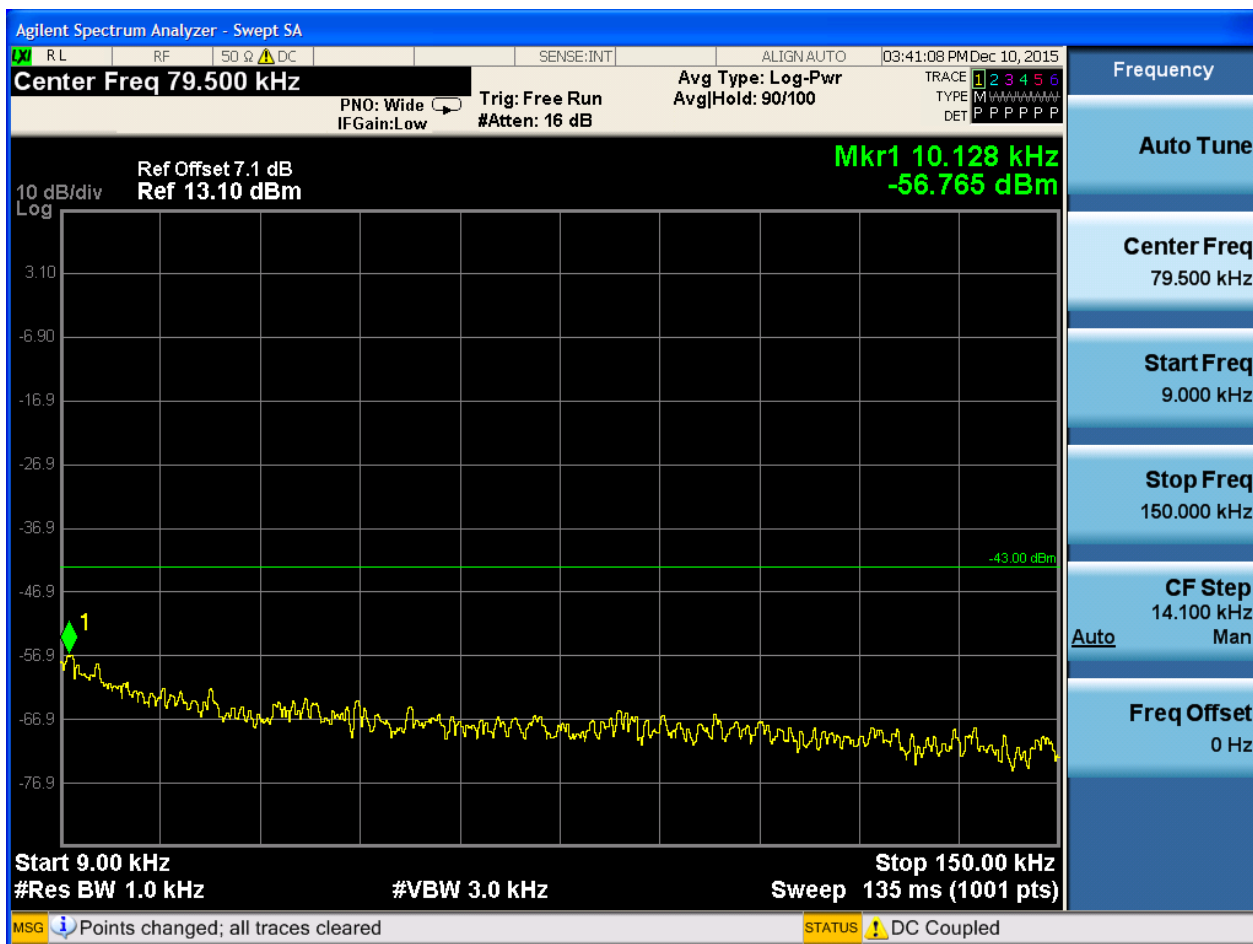




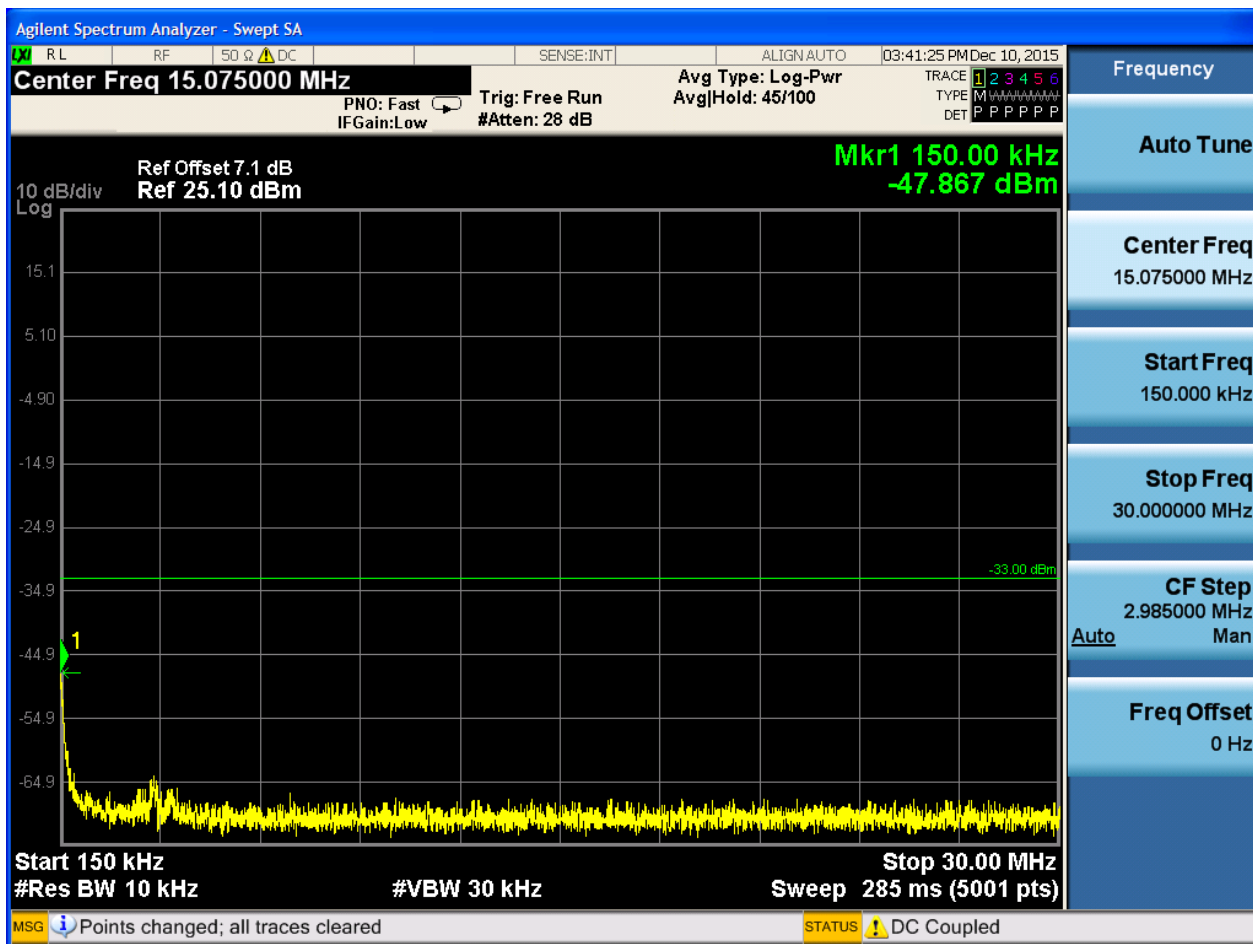


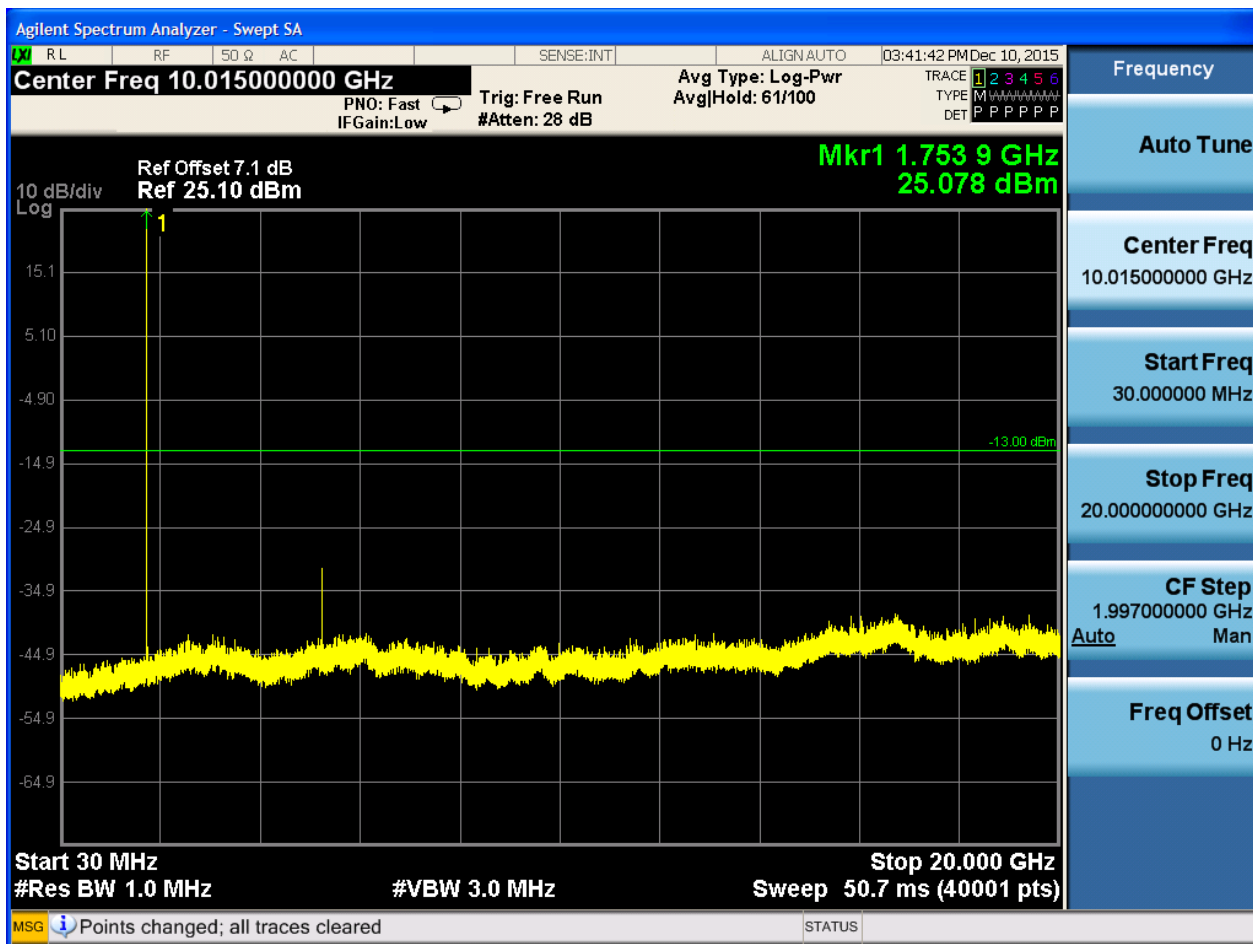
## 6.1.1.2.1.3 Test Channel = HCH

## 6.1.1.2.1.3.1 Test RB = RB1#0







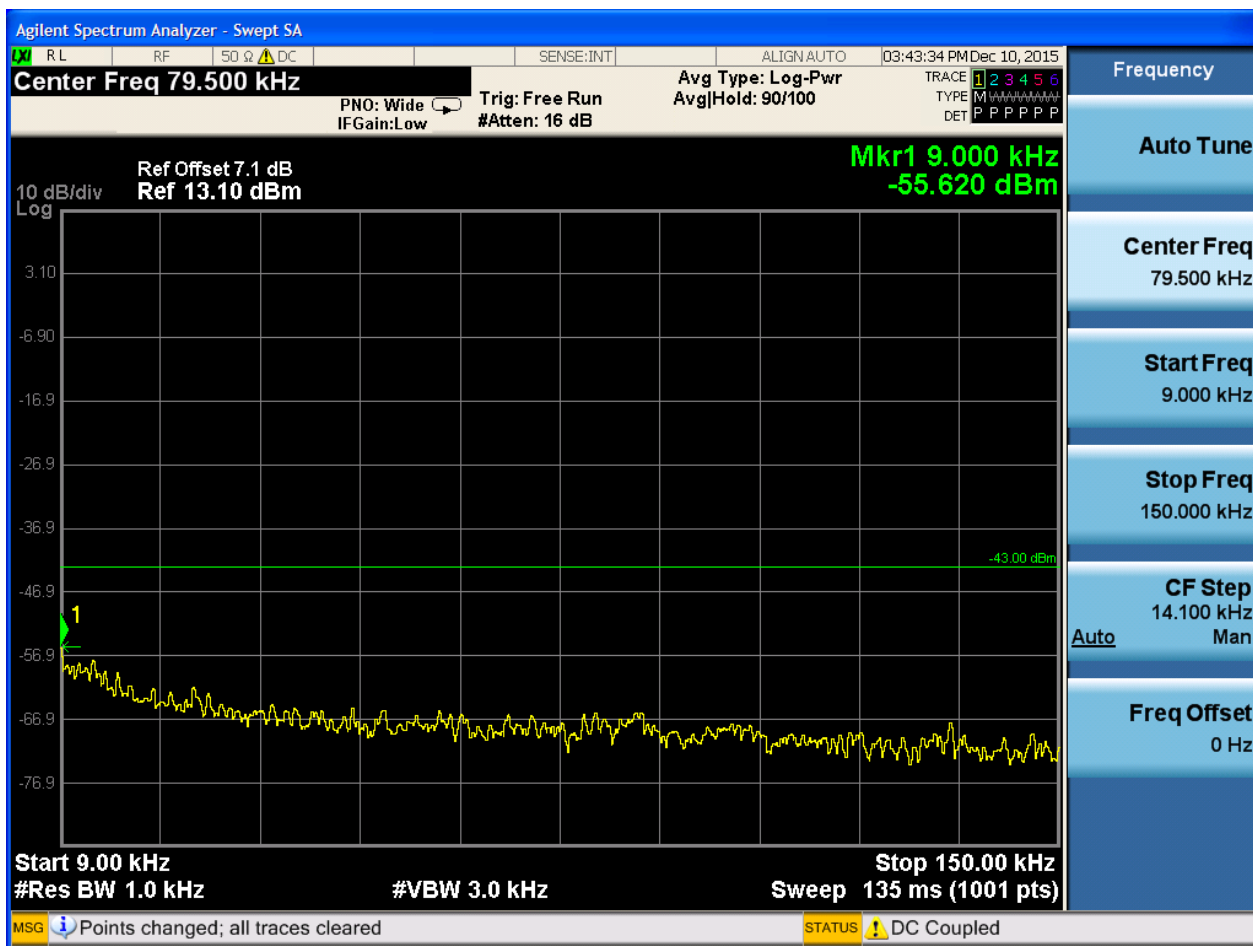


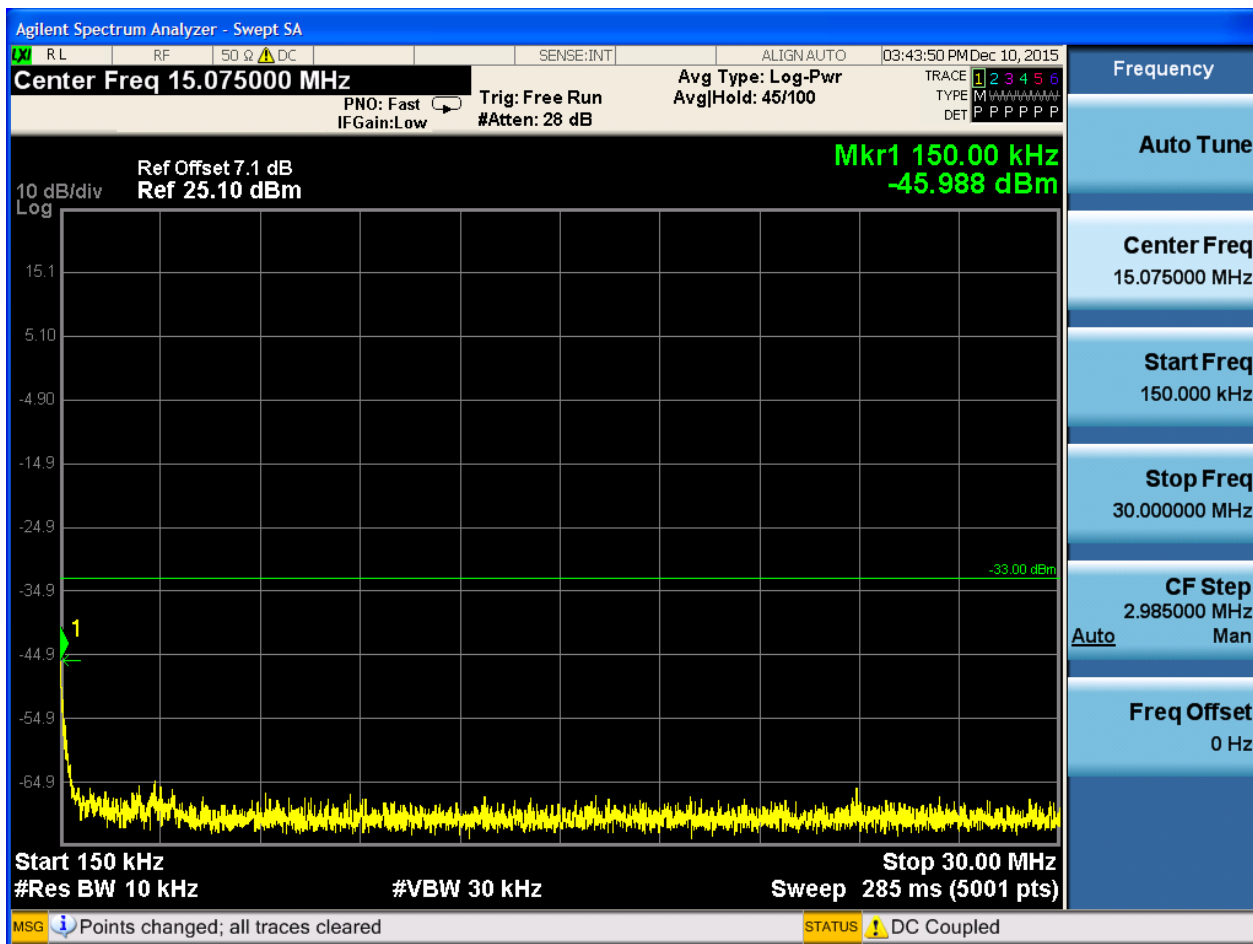


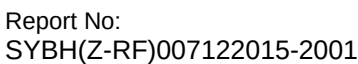
## 6.1.1.2.2 Test Bandwidth = 3

## 6.1.1.2.2.1 Test Channel = LCH

## 6.1.1.2.2.1.1 Test RB = RB1#0



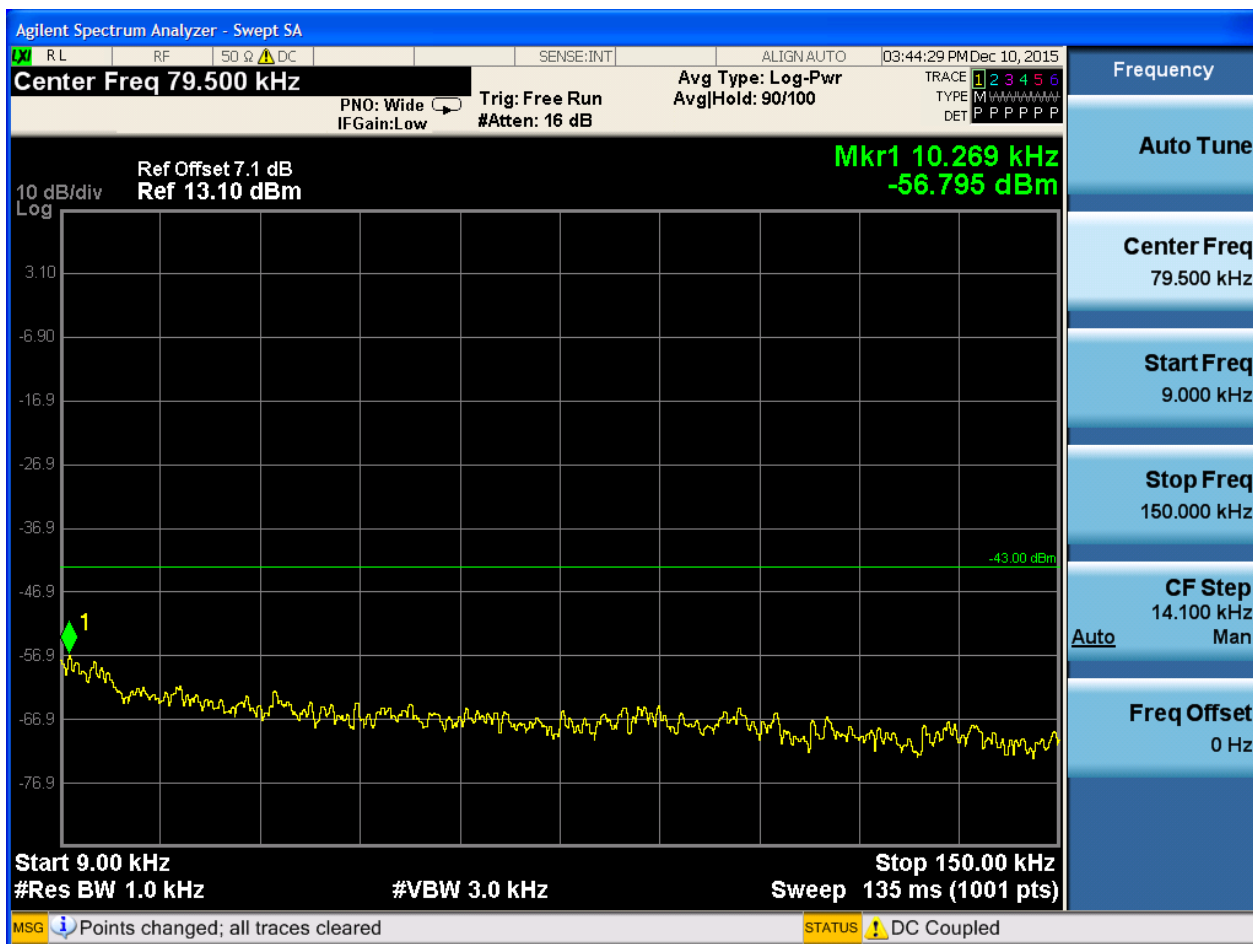


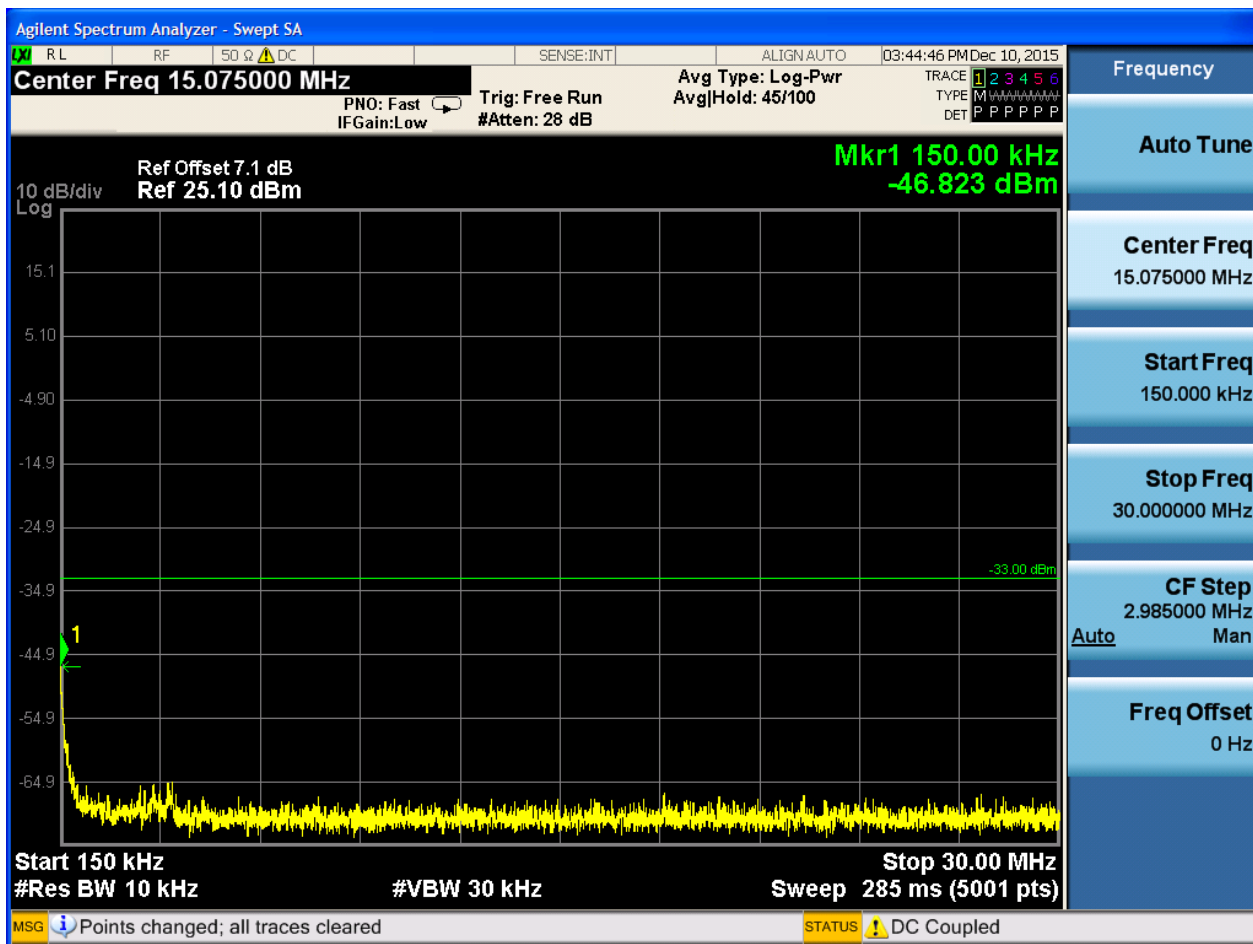


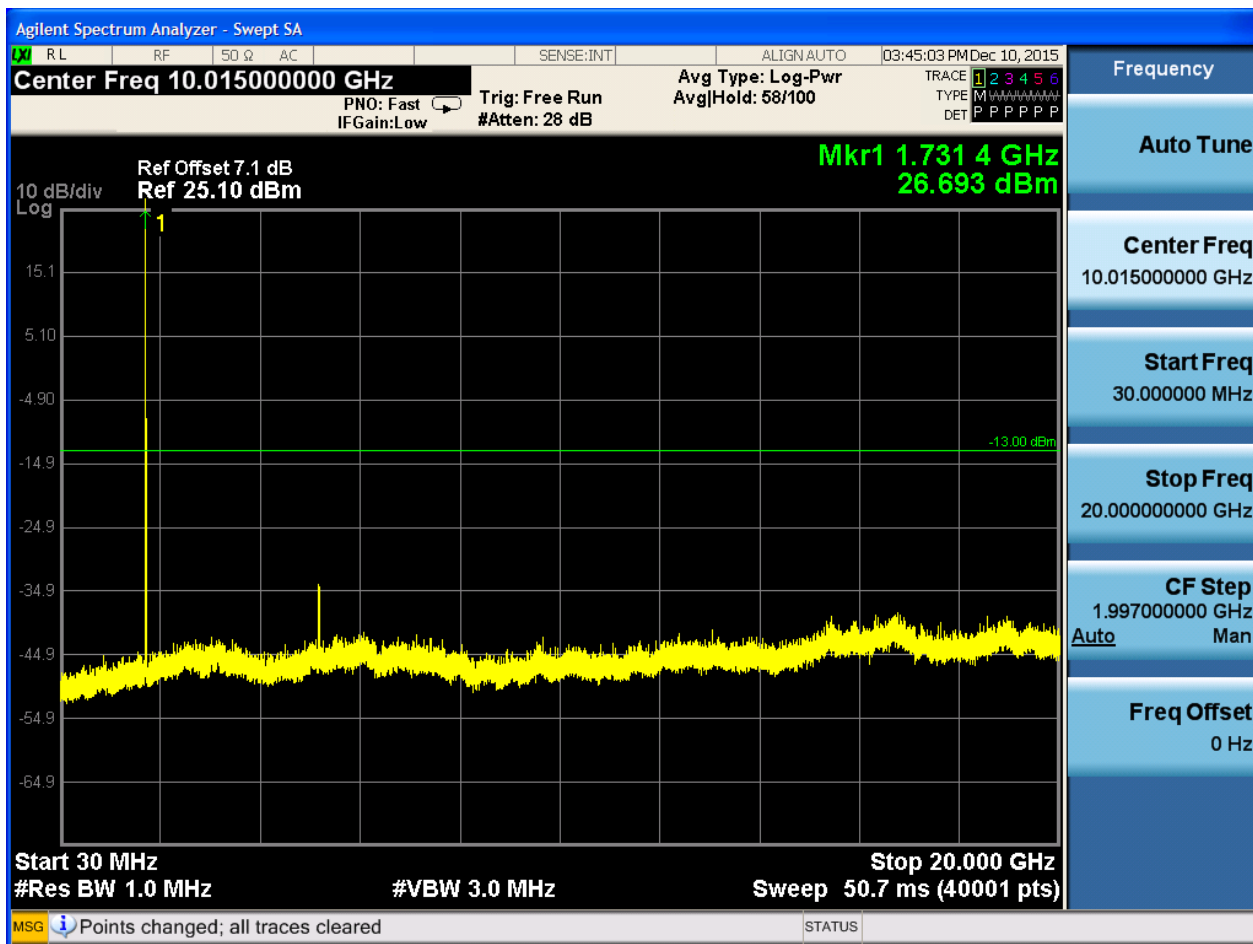


## 6.1.1.2.2.2 Test Channel = MCH

## 6.1.1.2.2.2.1 Test RB = RB1#0





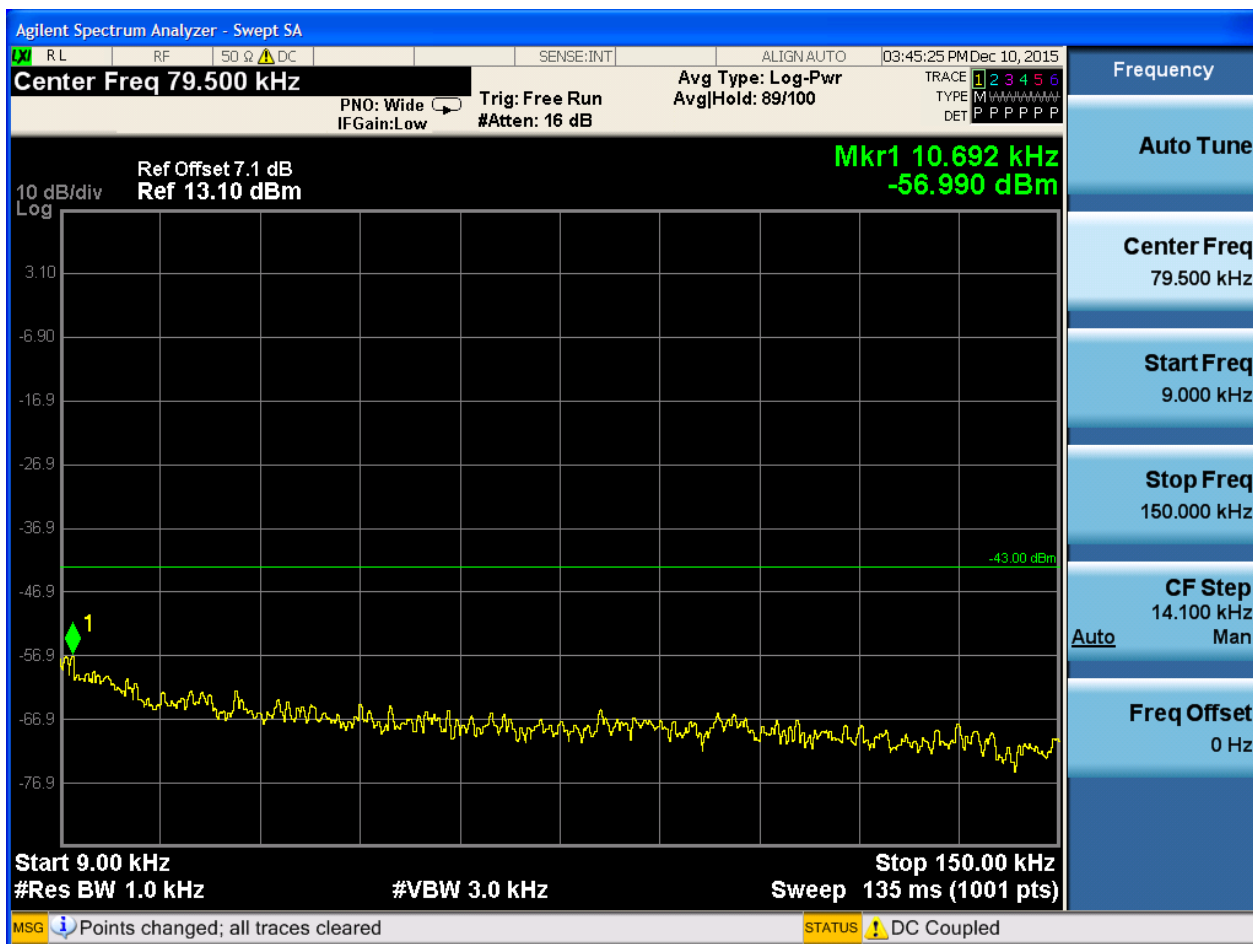


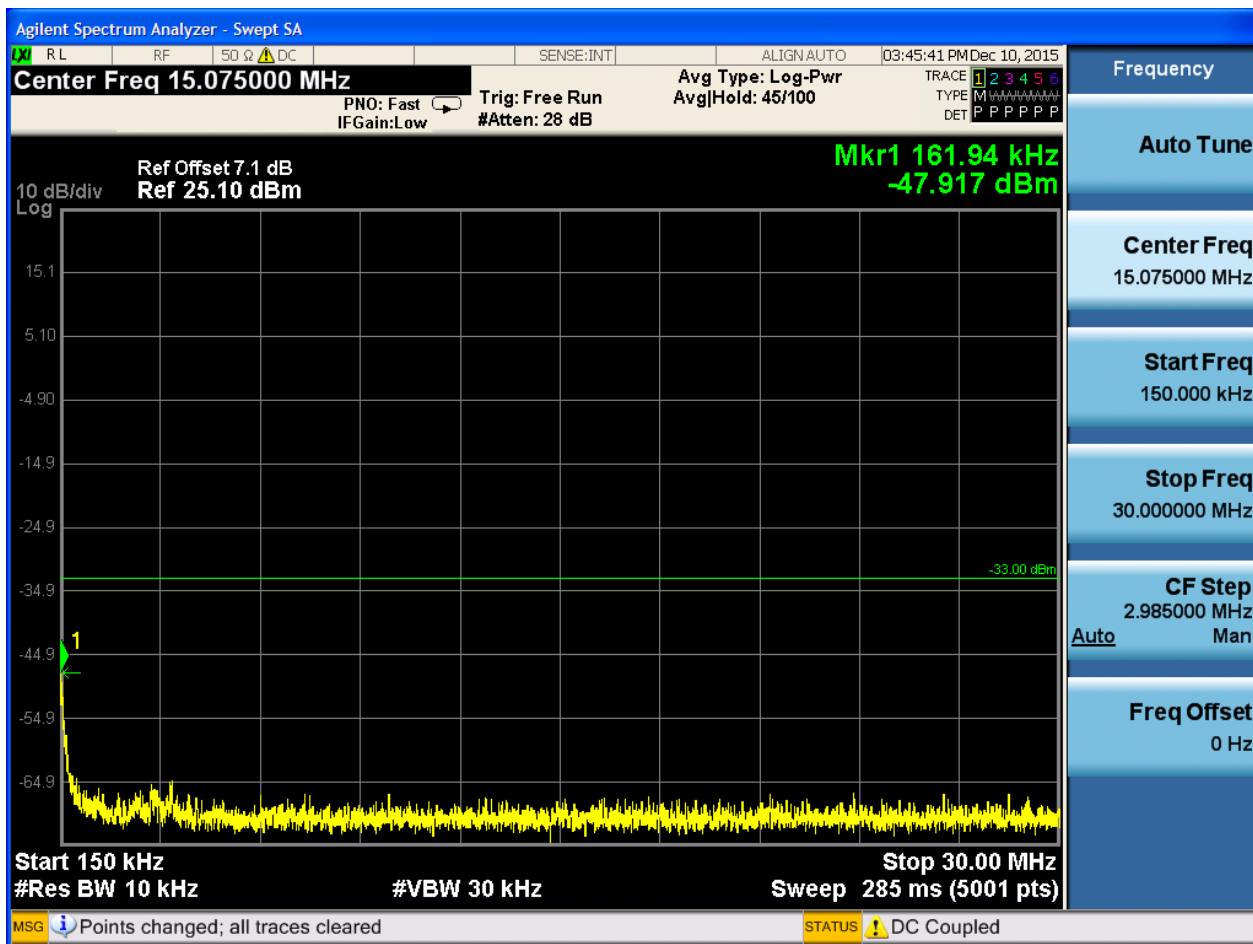


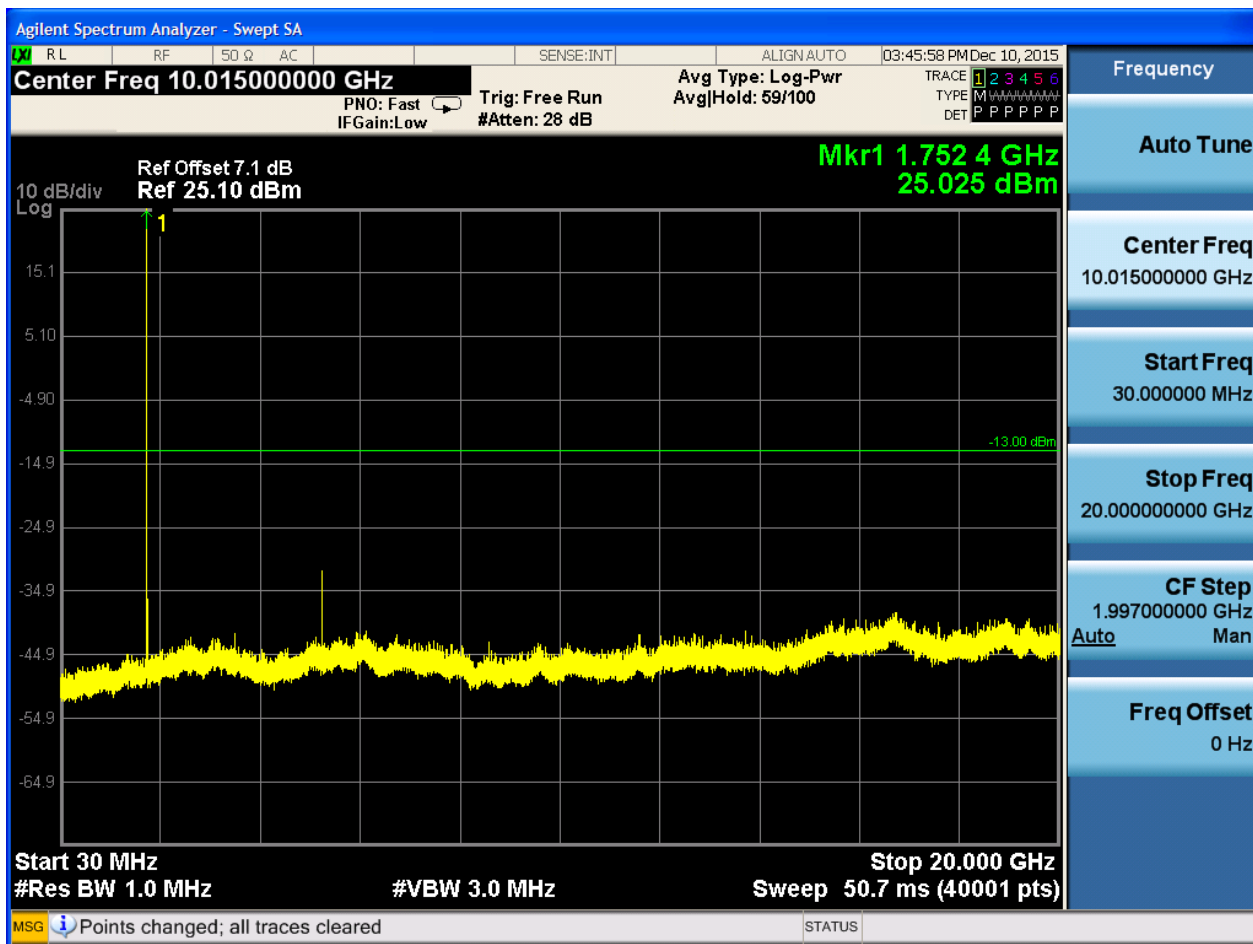


## 6.1.1.2.2.3 Test Channel = HCH

## 6.1.1.2.2.3.1 Test RB = RB1#0





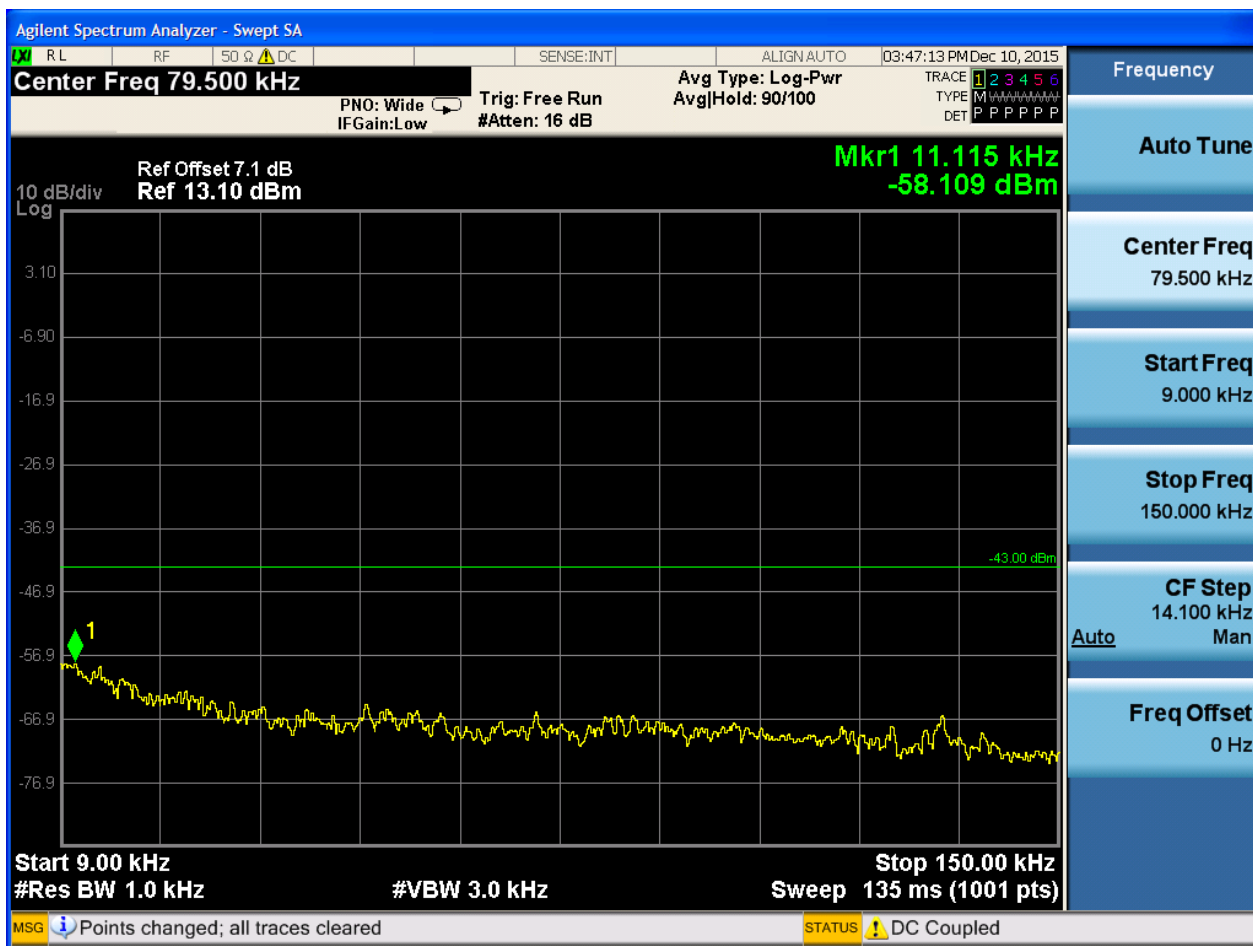


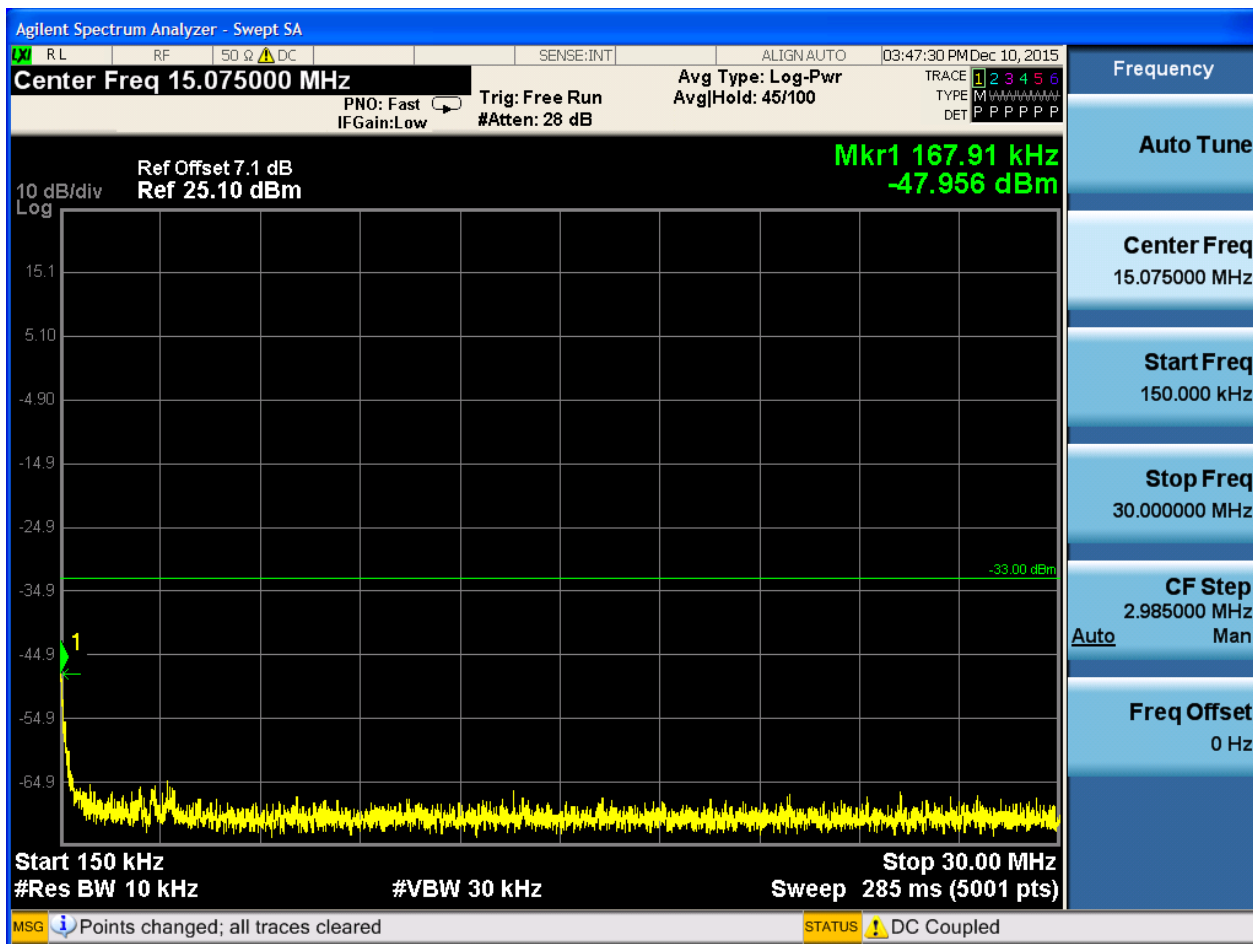


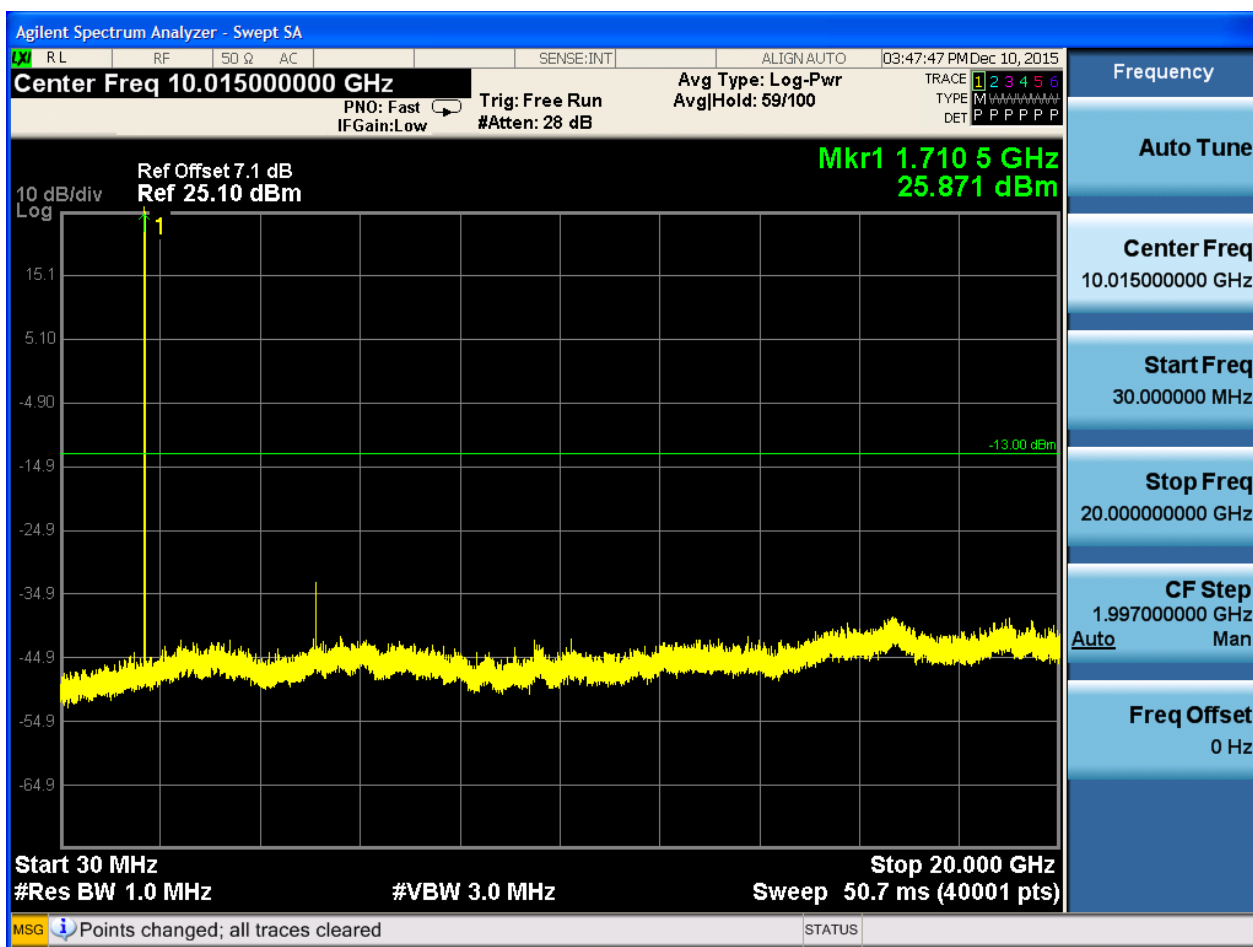
## 6.1.1.2.3 Test Bandwidth = 5

## 6.1.1.2.3.1 Test Channel = LCH

## 6.1.1.2.3.1.1 Test RB = RB1#0



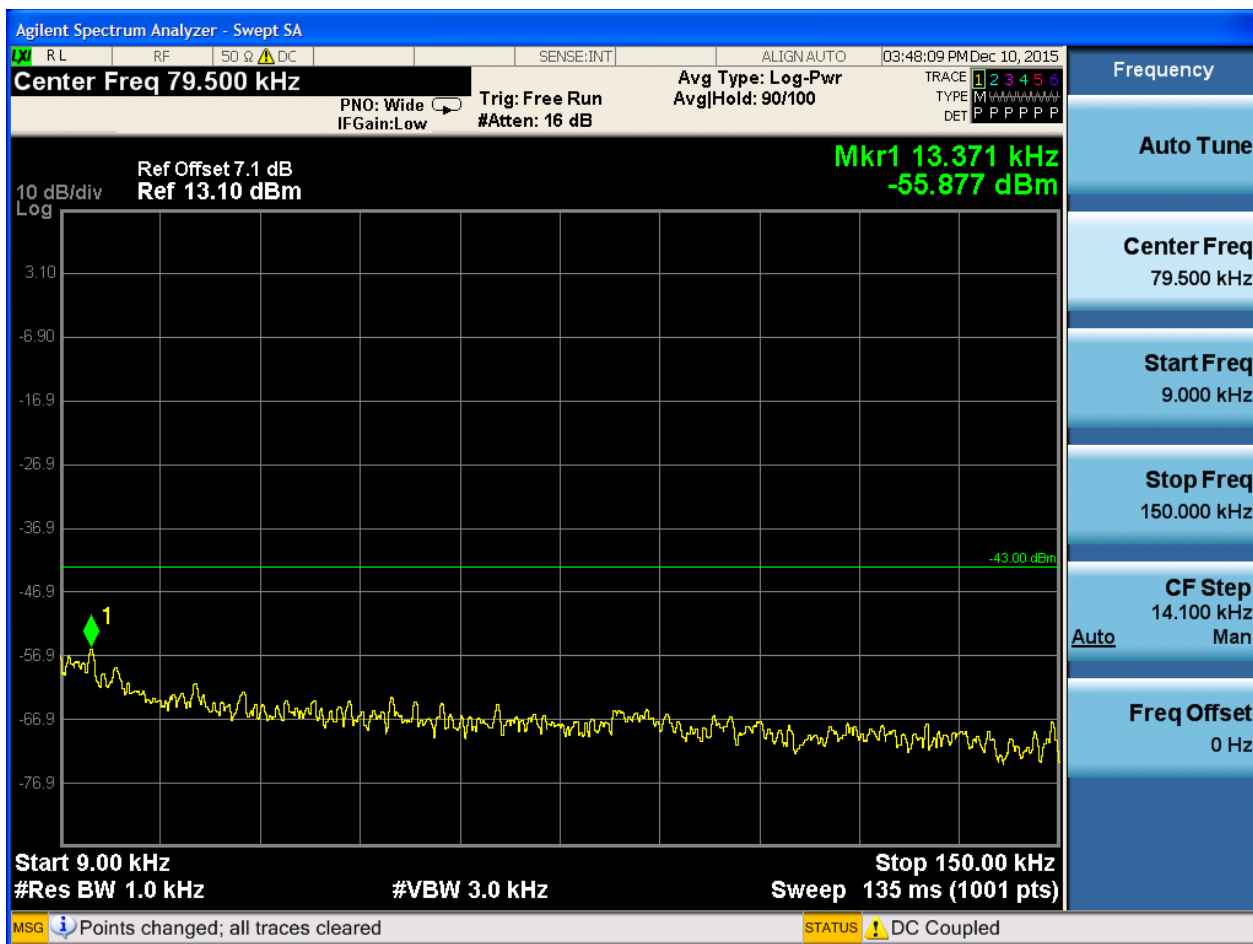


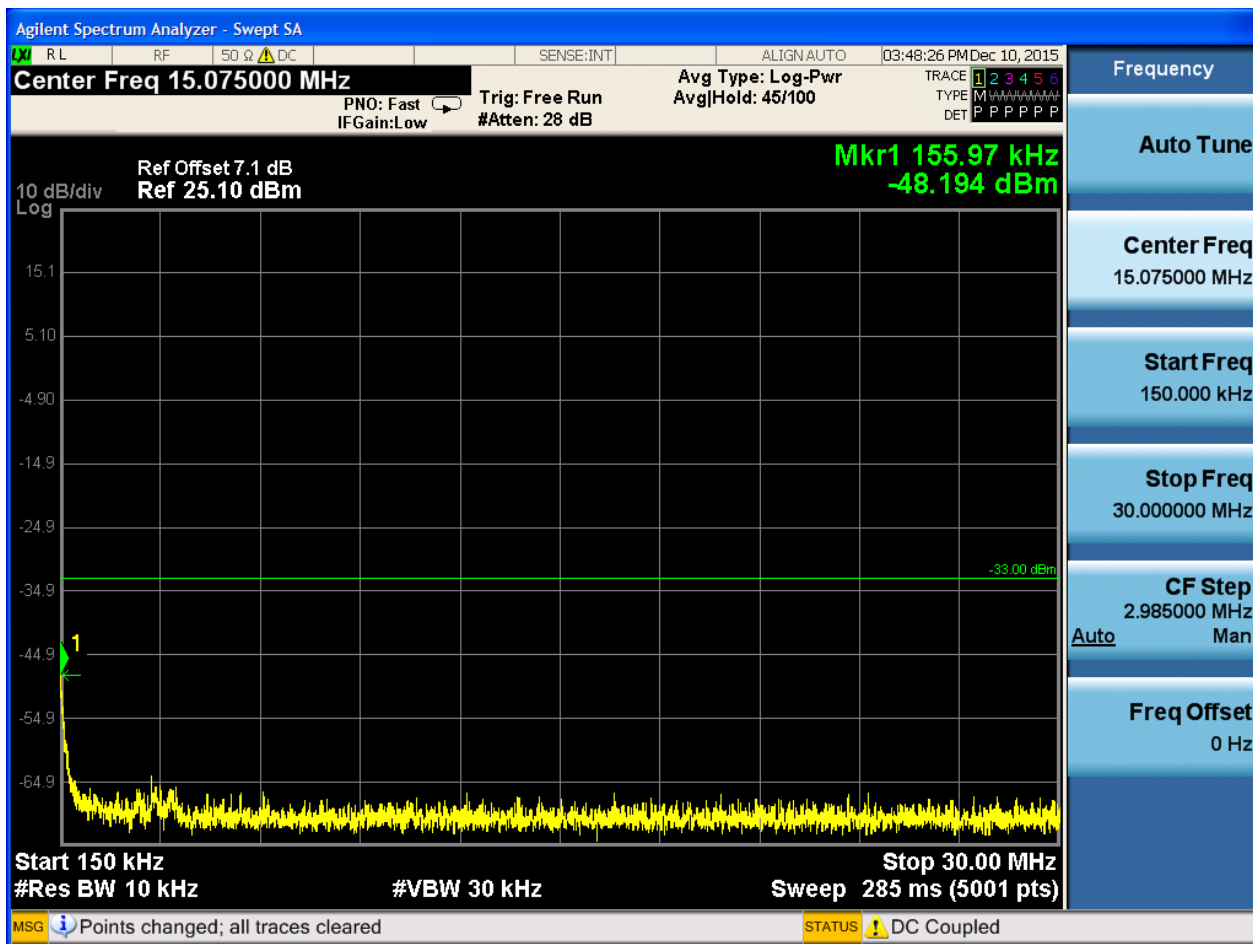




## 6.1.1.2.3.2 Test Channel = MCH

## 6.1.1.2.3.2.1 Test RB = RB1#0





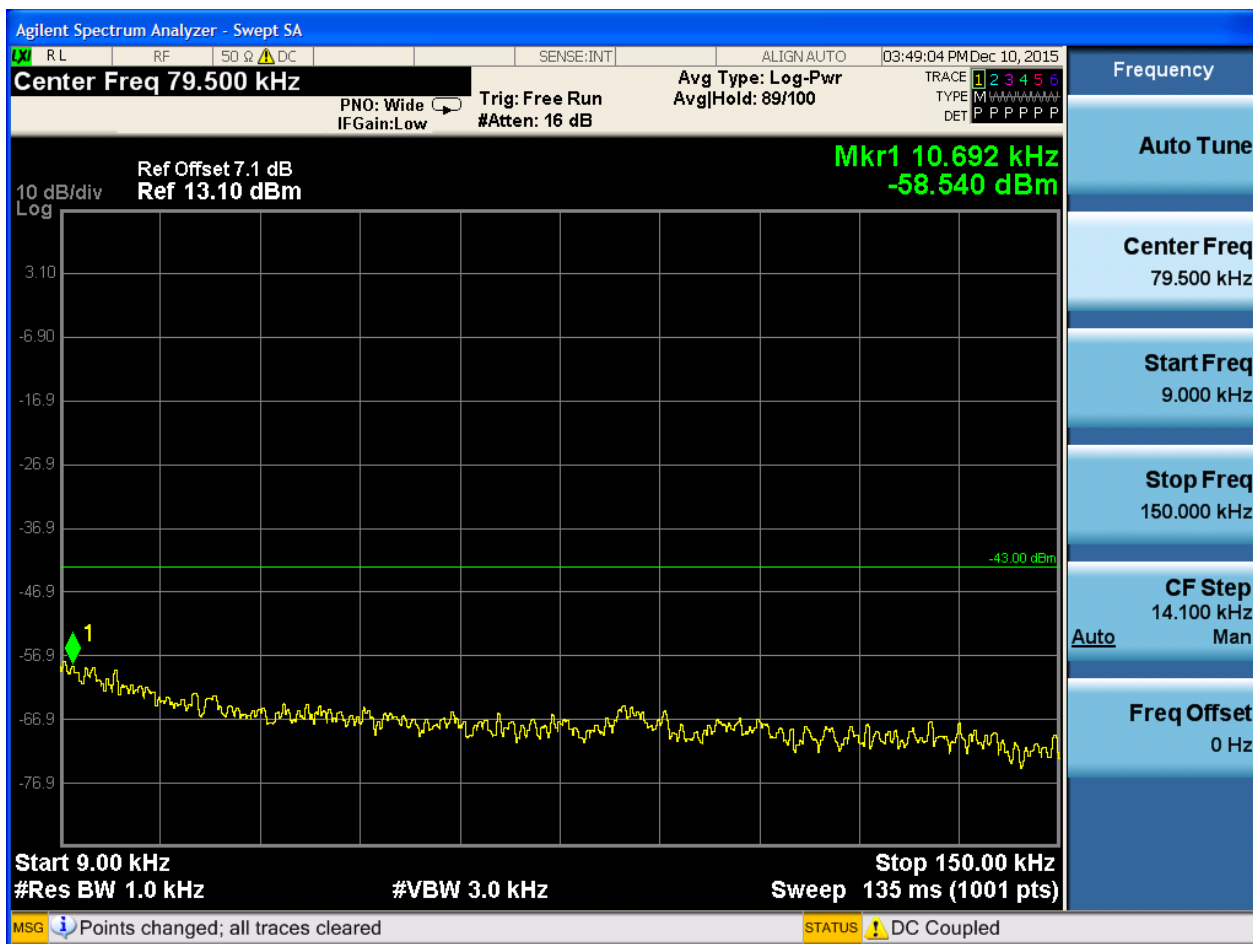


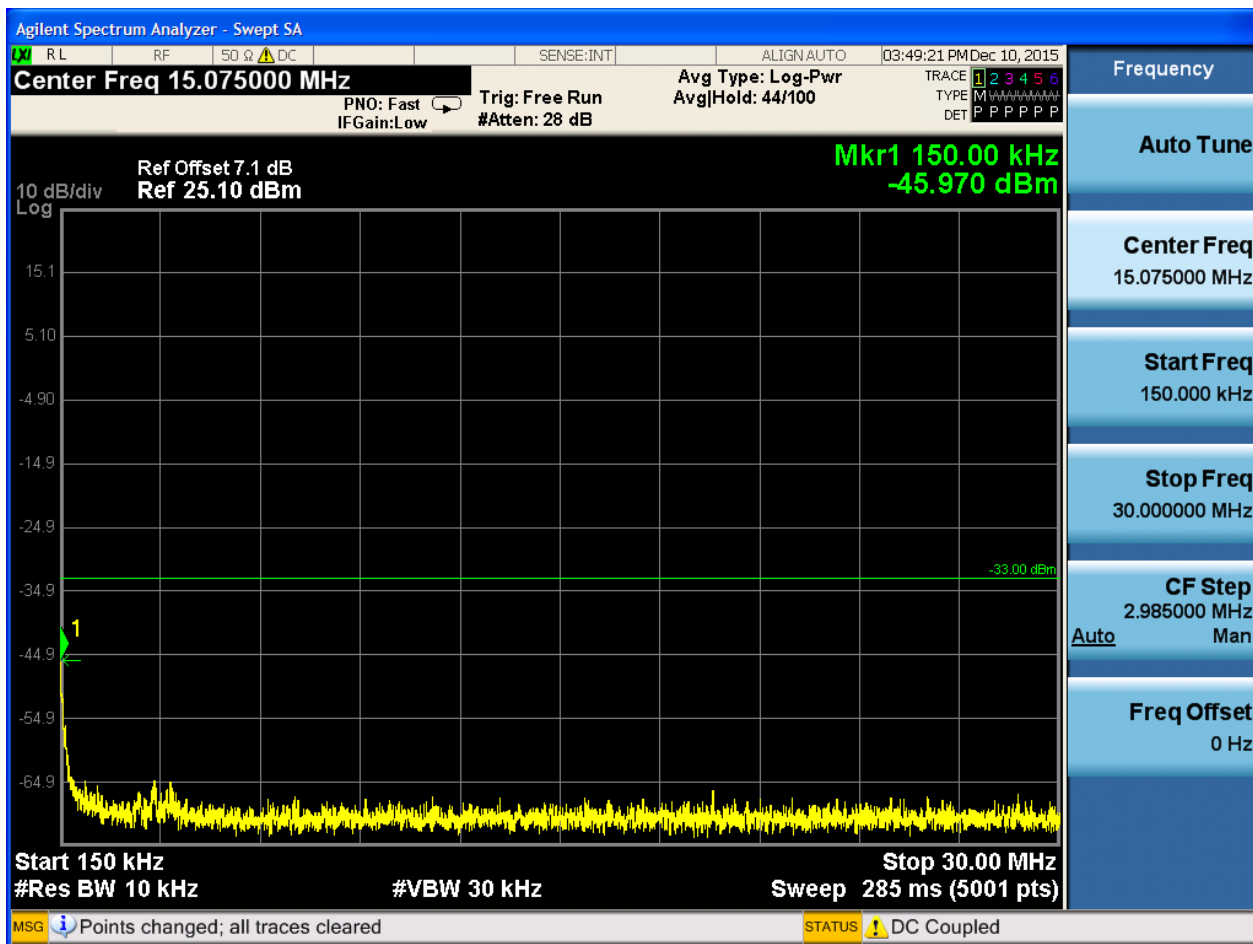


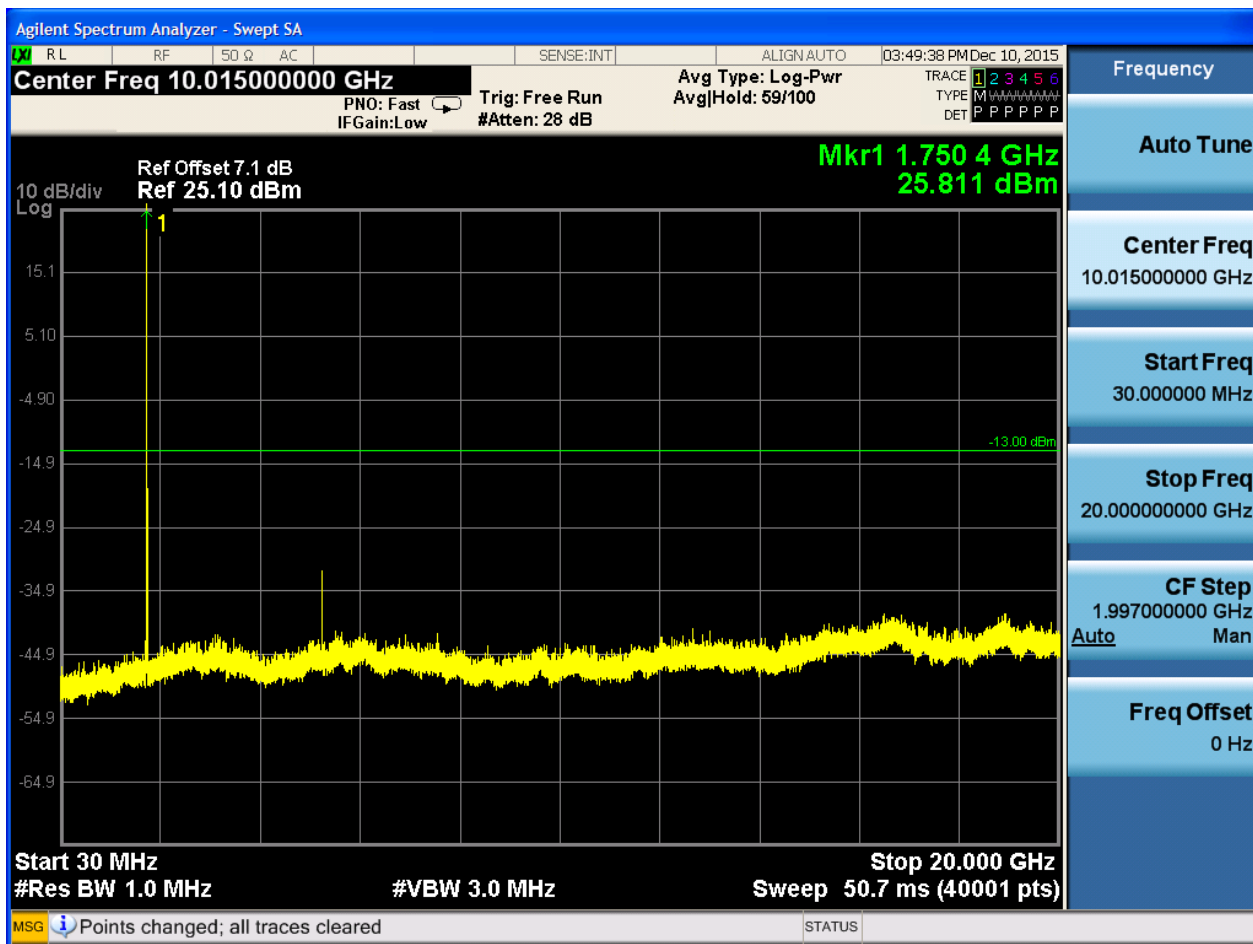


## 6.1.1.2.3.3 Test Channel = HCH

## 6.1.1.2.3.3.1 Test RB = RB1#0





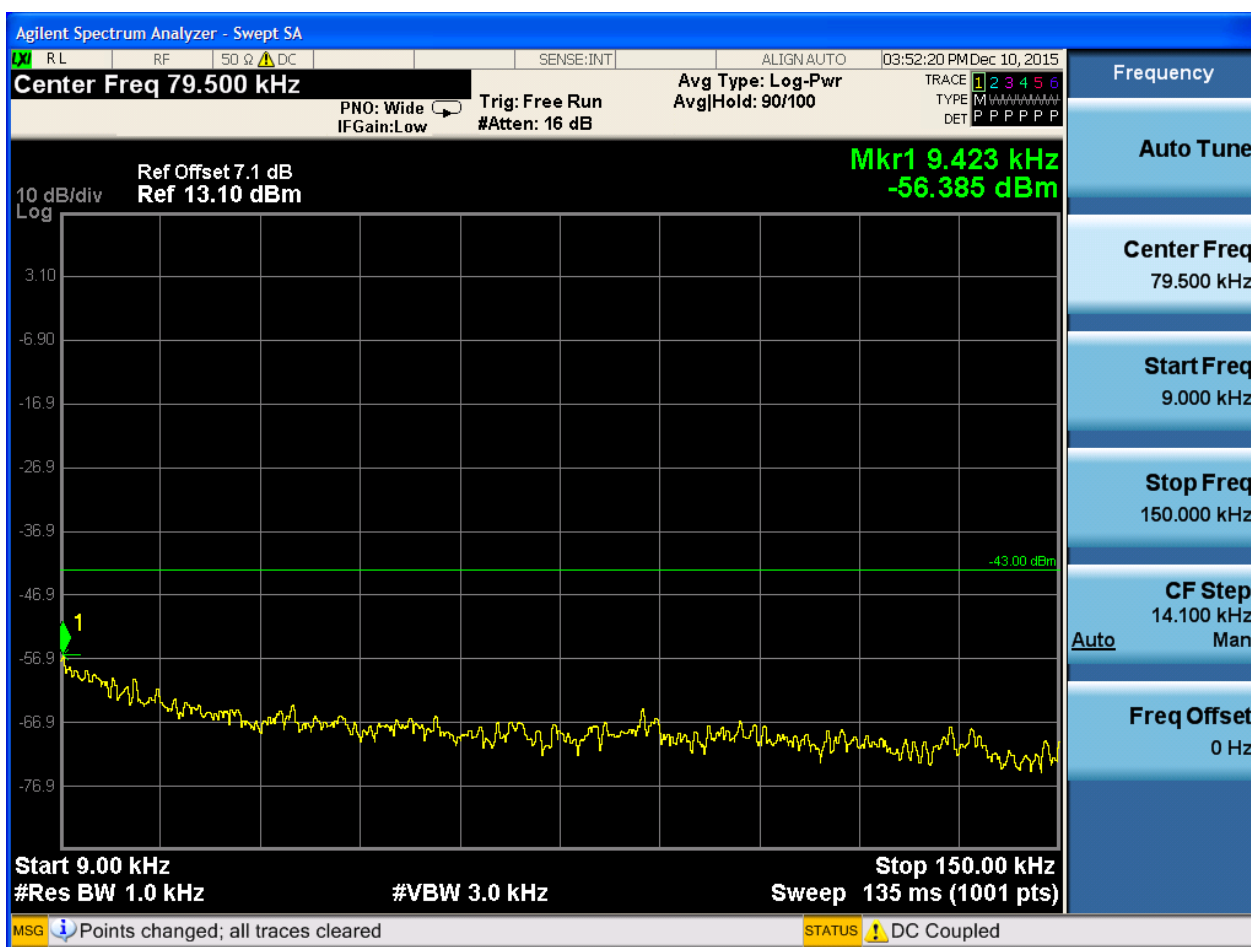


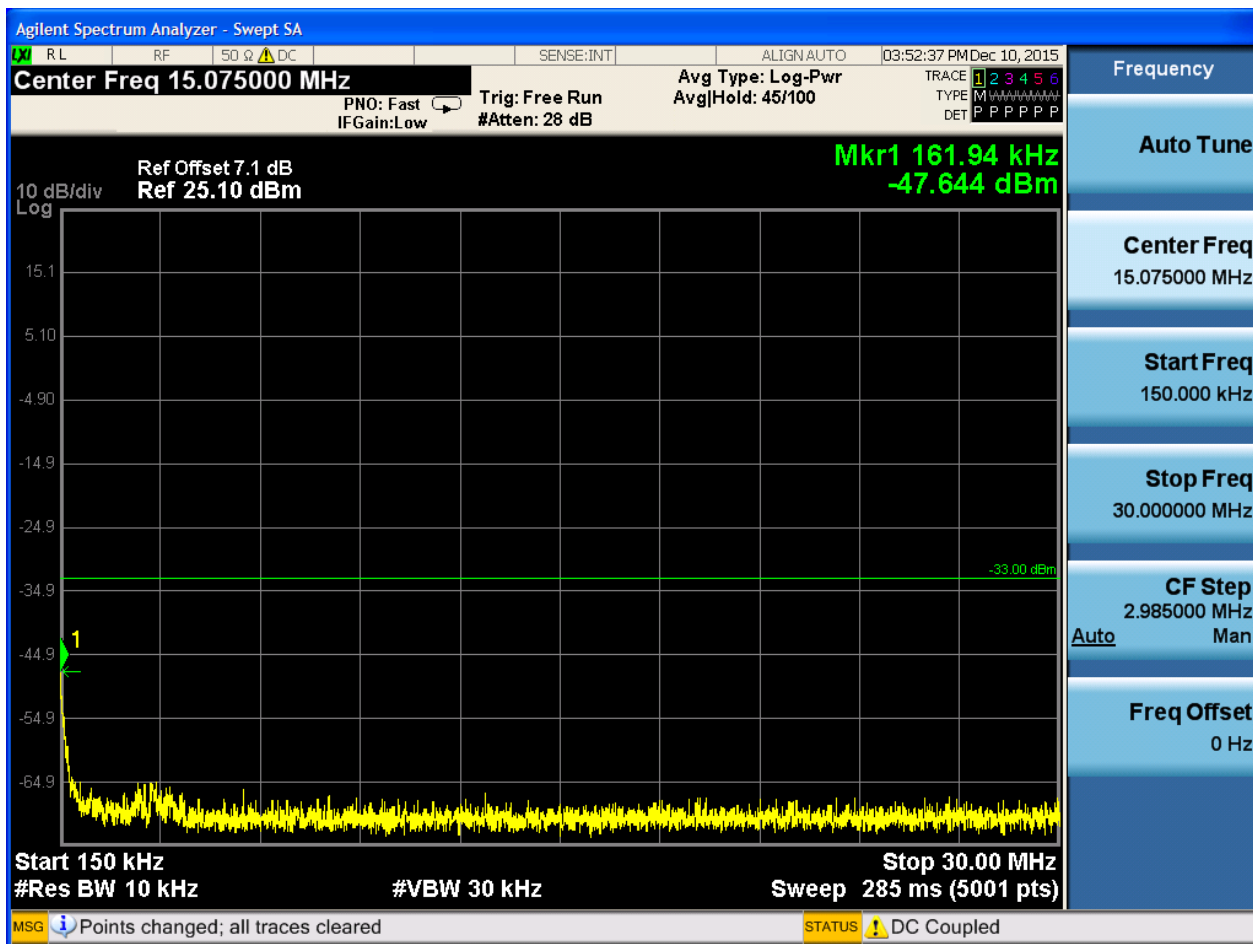


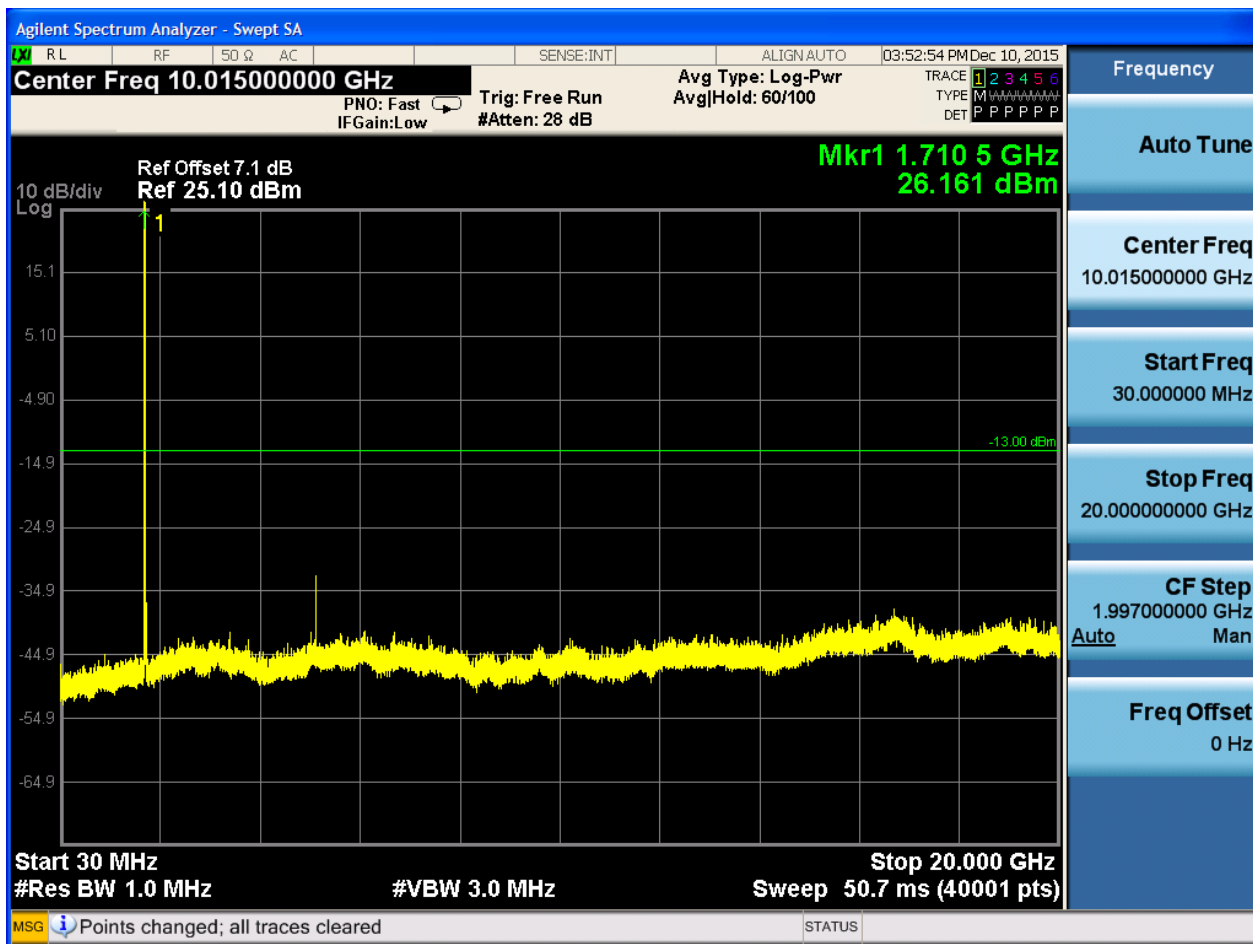
## 6.1.1.2.4 Test Bandwidth = 10

## 6.1.1.2.4.1 Test Channel = LCH

## 6.1.1.2.4.1.1 Test RB = RB1#0



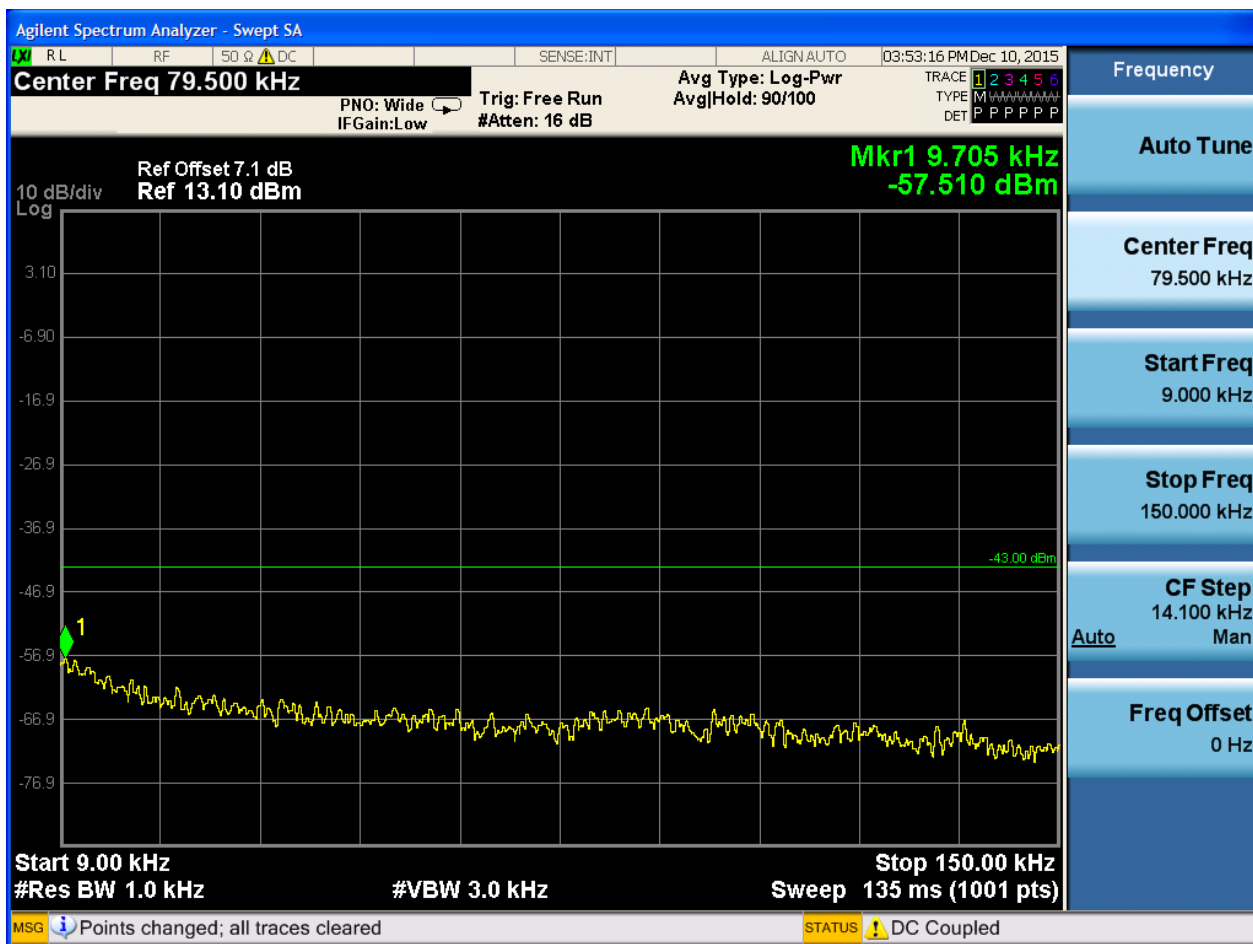




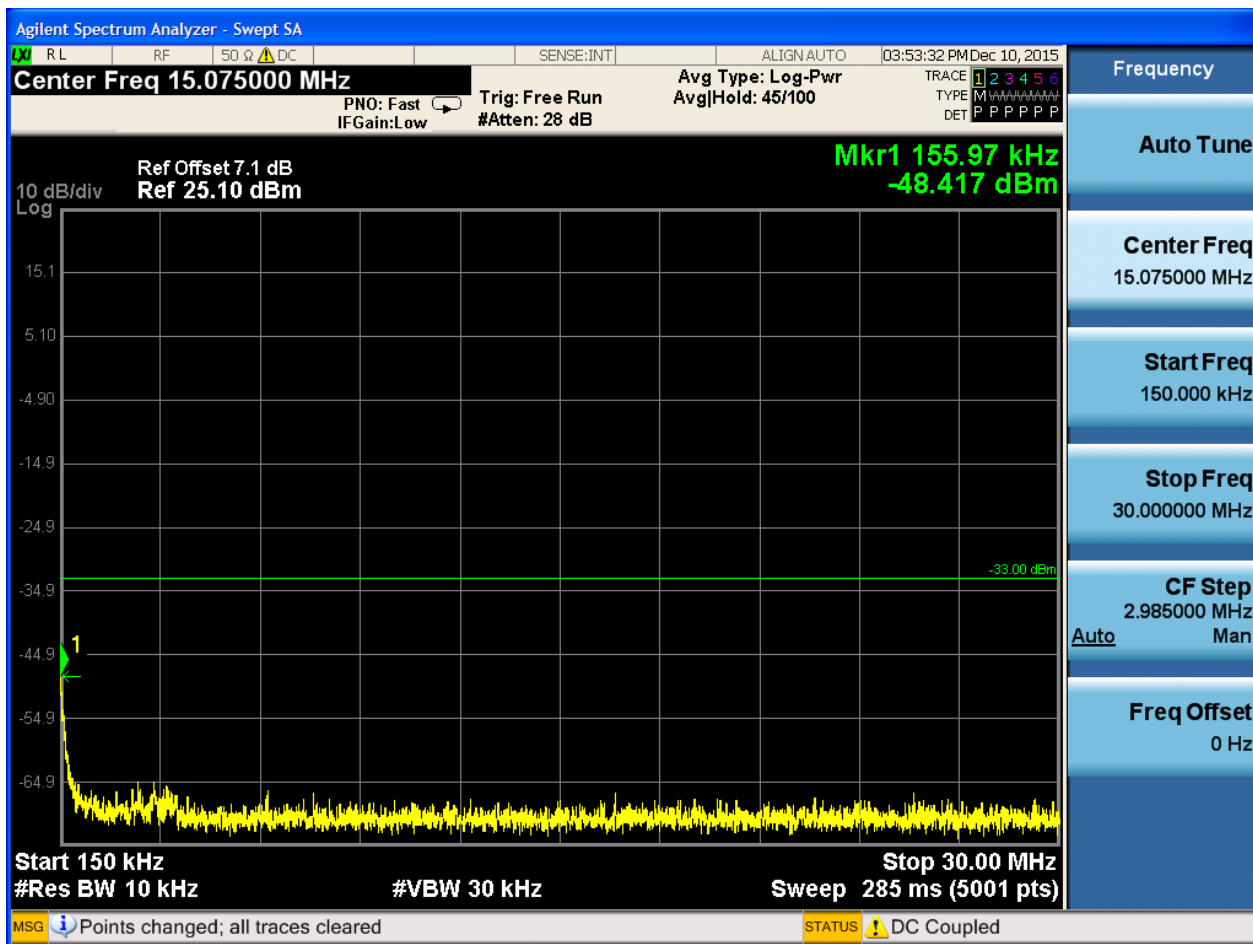


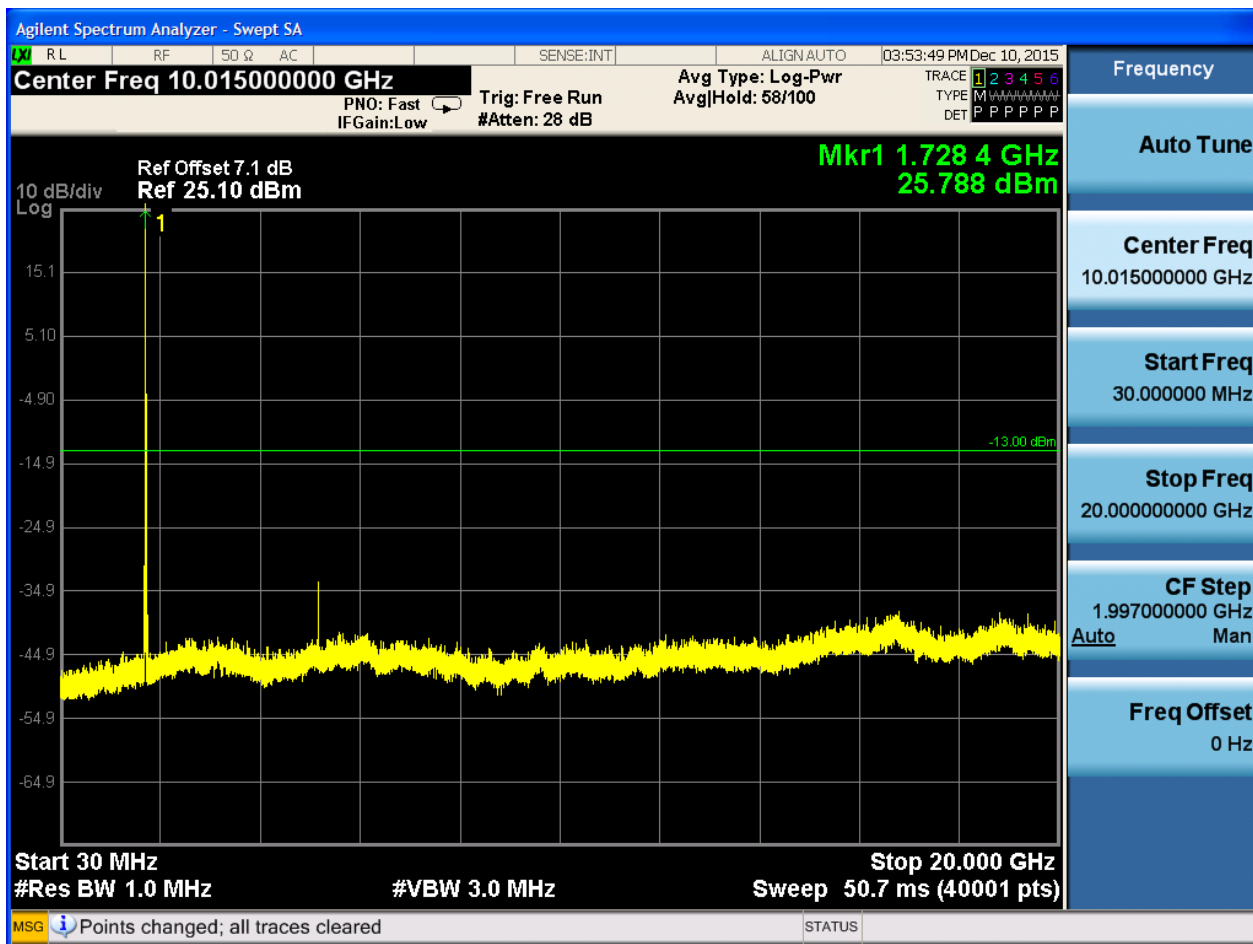
## 6.1.1.2.4.2 Test Channel = MCH

## 6.1.1.2.4.2.1 Test RB = RB1#0





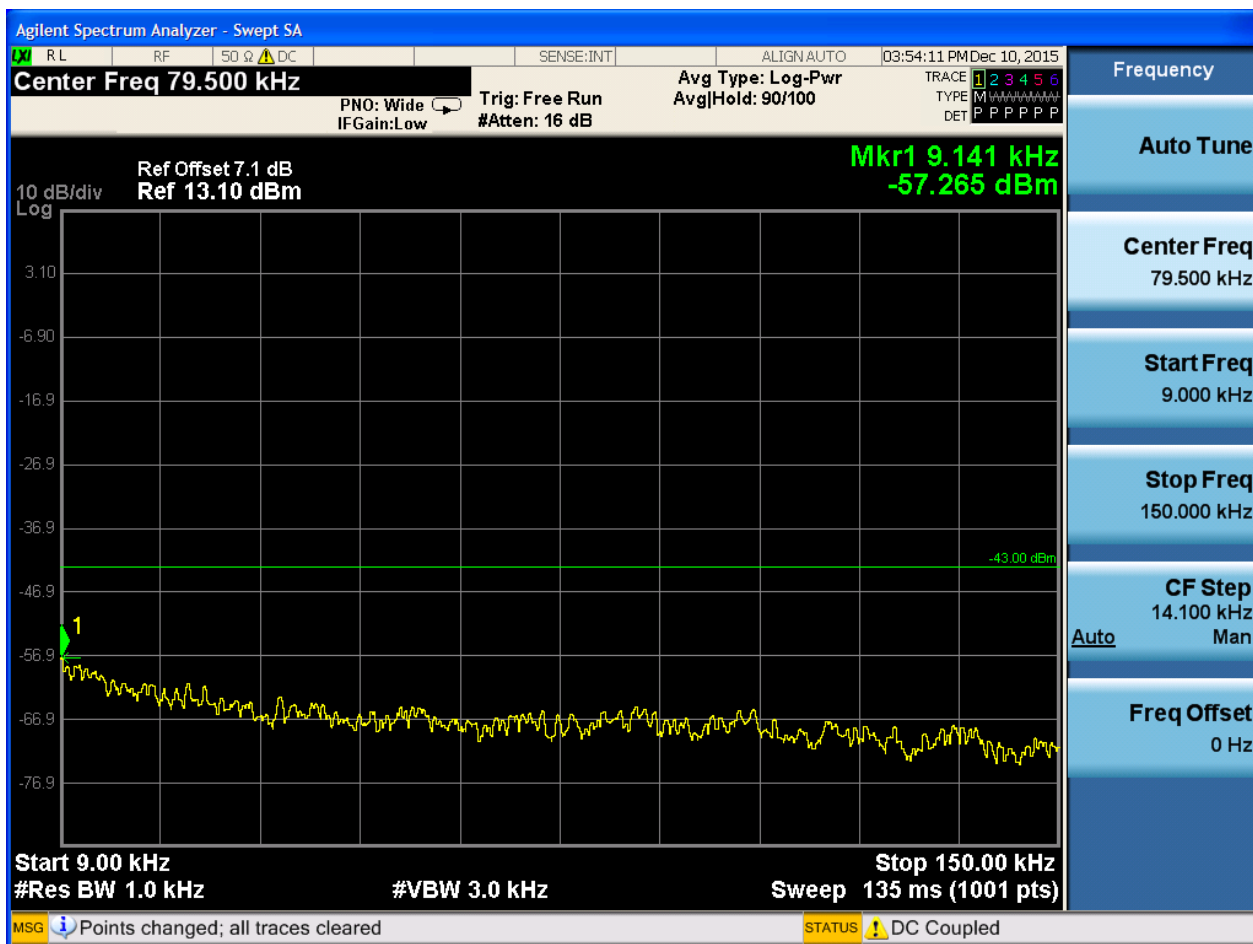


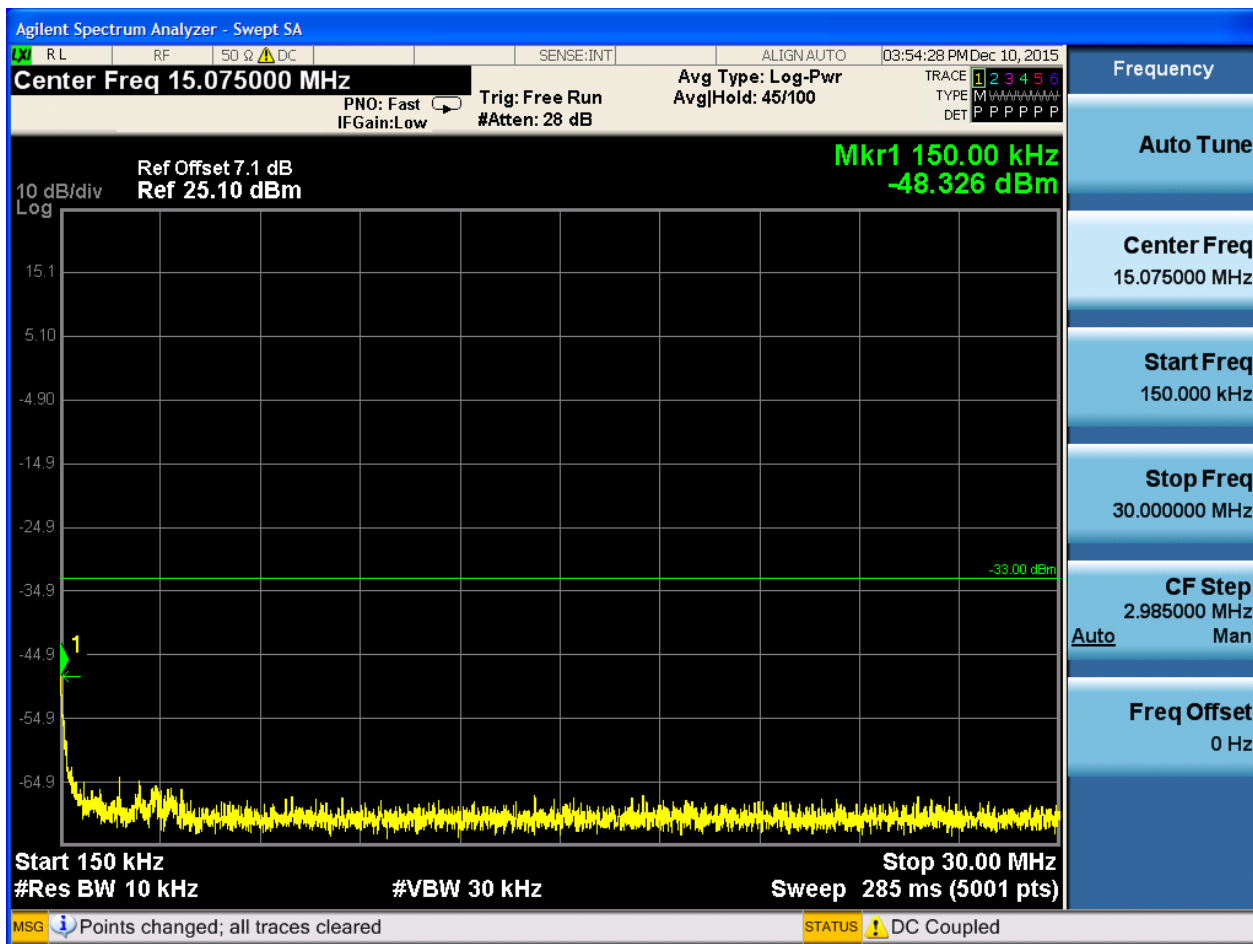


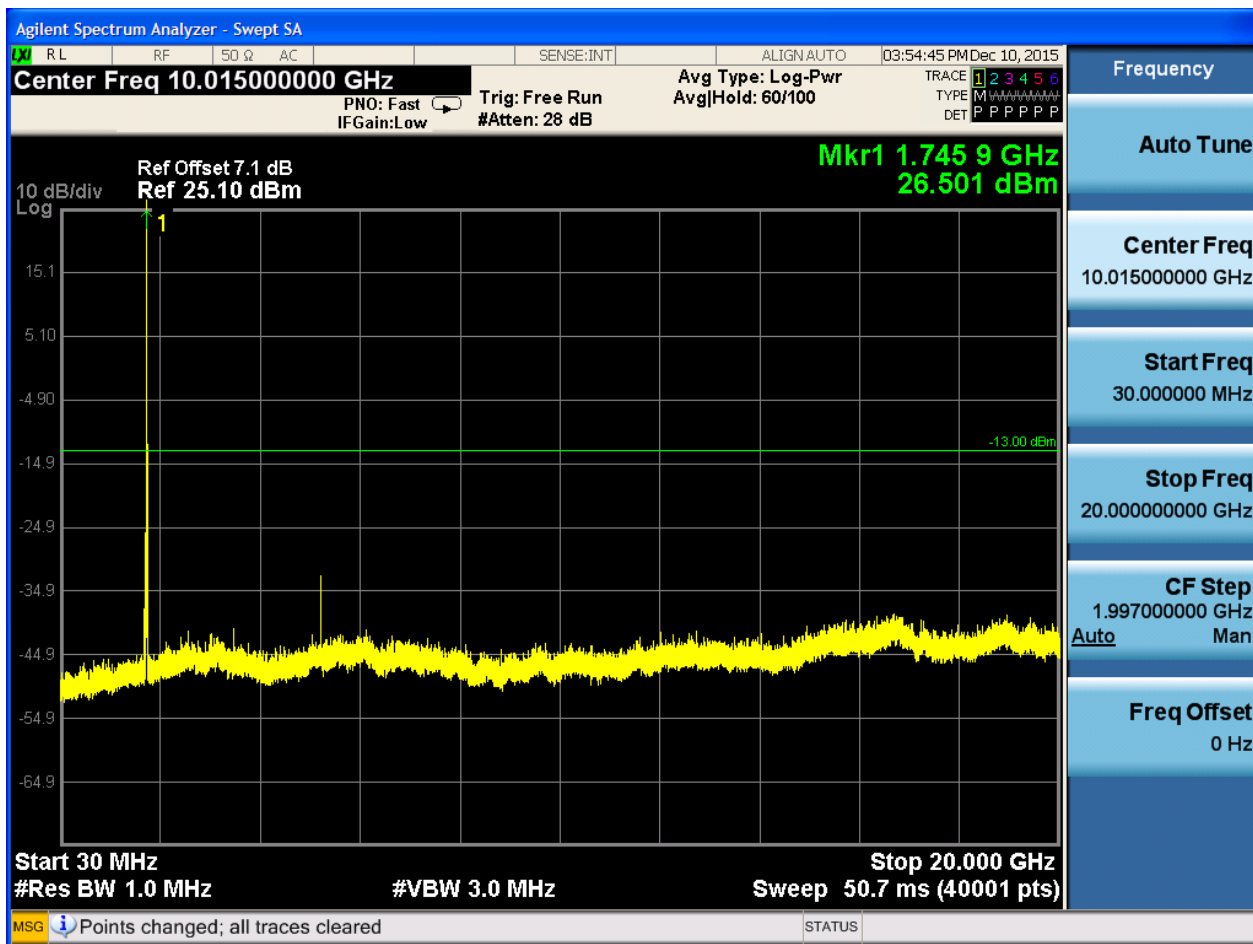


## 6.1.1.2.4.3 Test Channel = HCH

## 6.1.1.2.4.3.1 Test RB = RB1#0



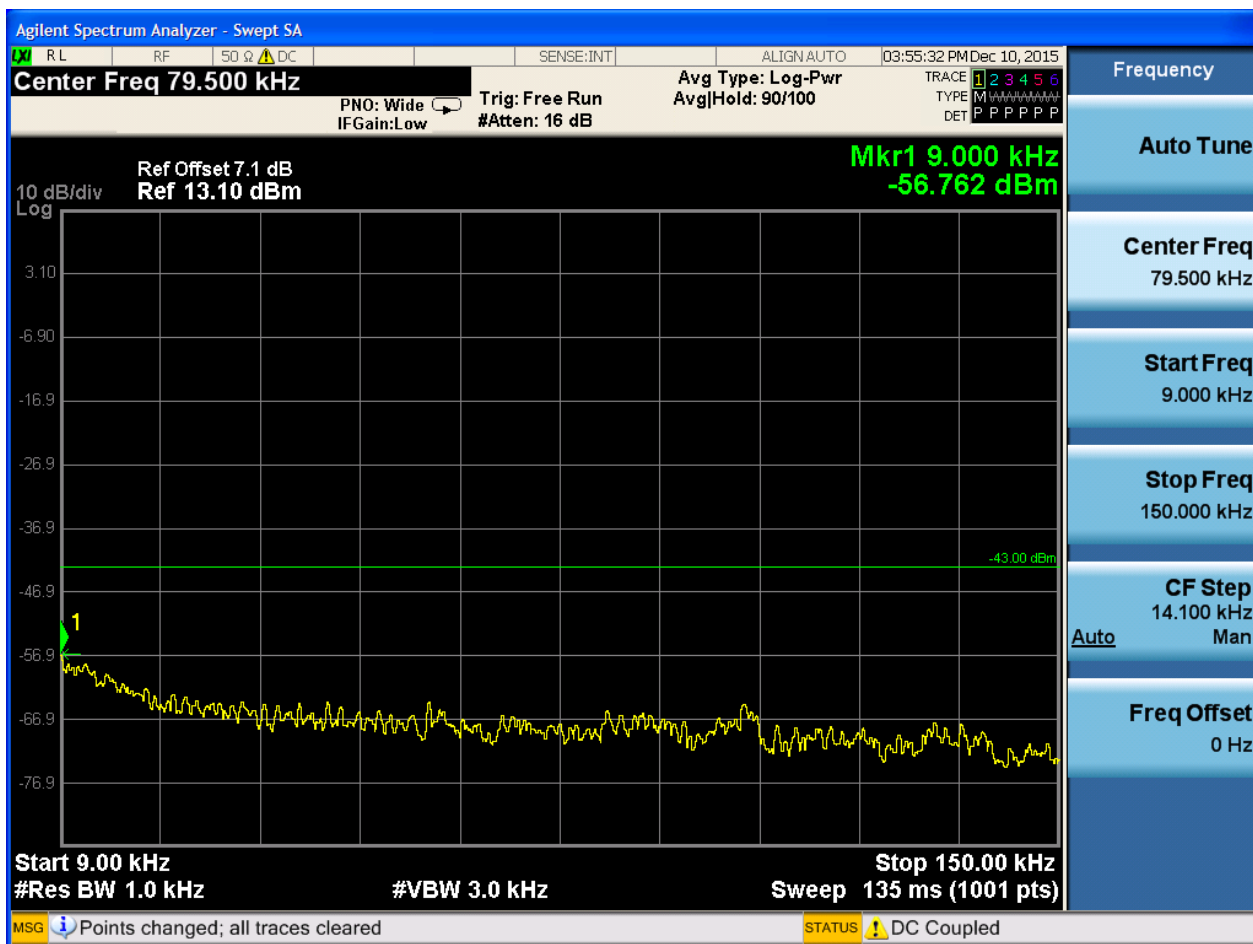


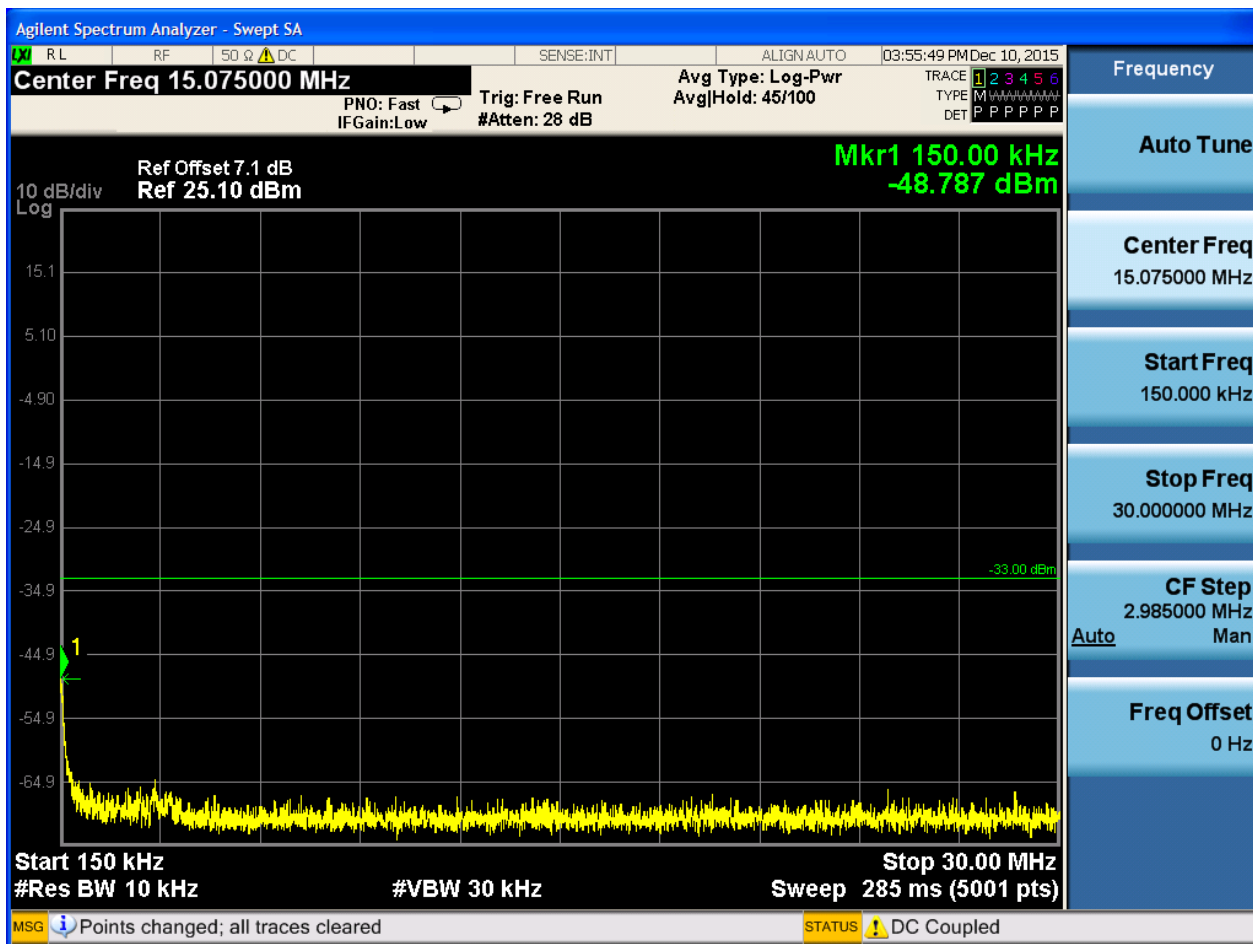


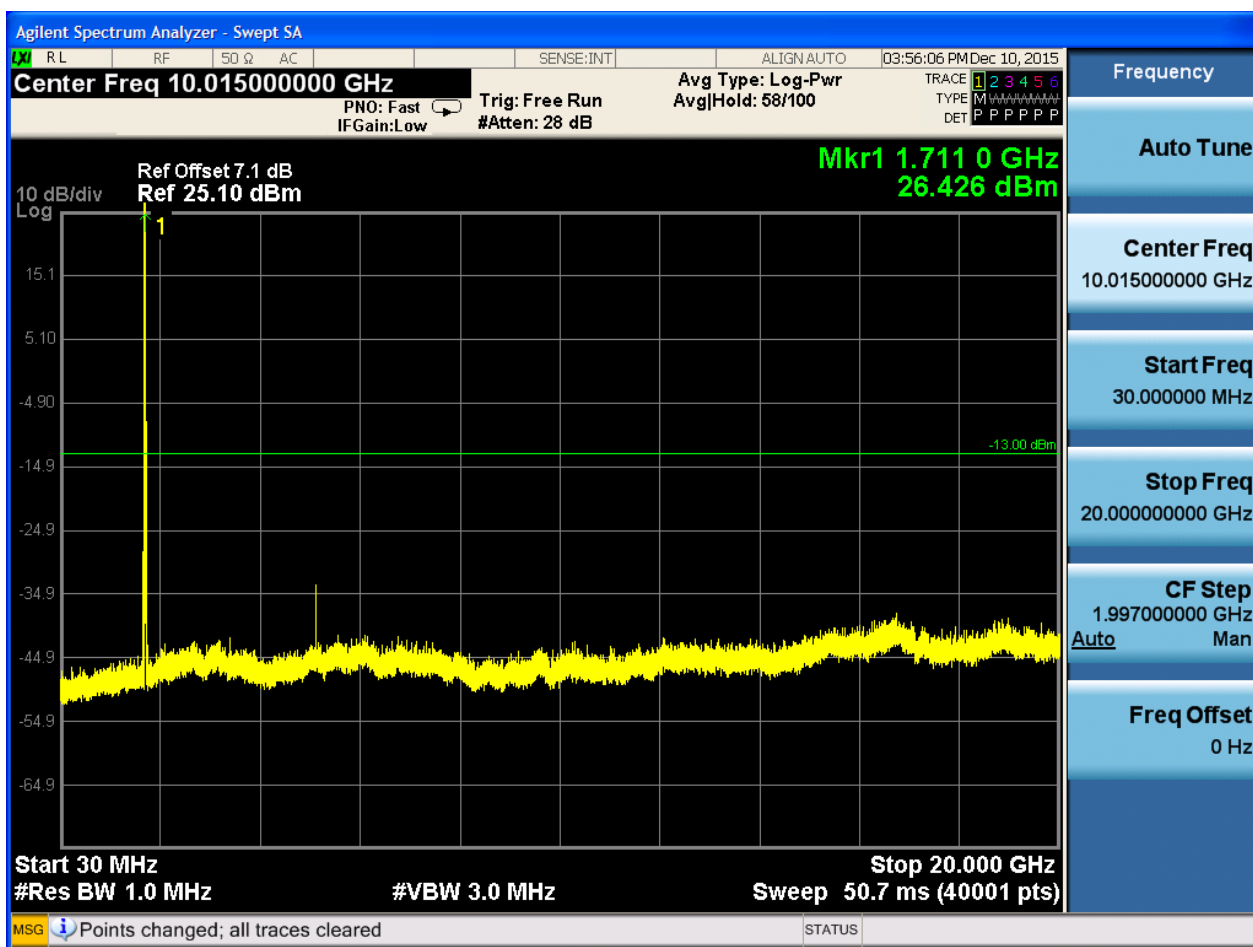
### 6.1.1.2.5 Test Bandwidth = 15

#### 6.1.1.2.5.1 Test Channel = LCH

##### 6.1.1.2.5.1.1 Test RB = RB1#0





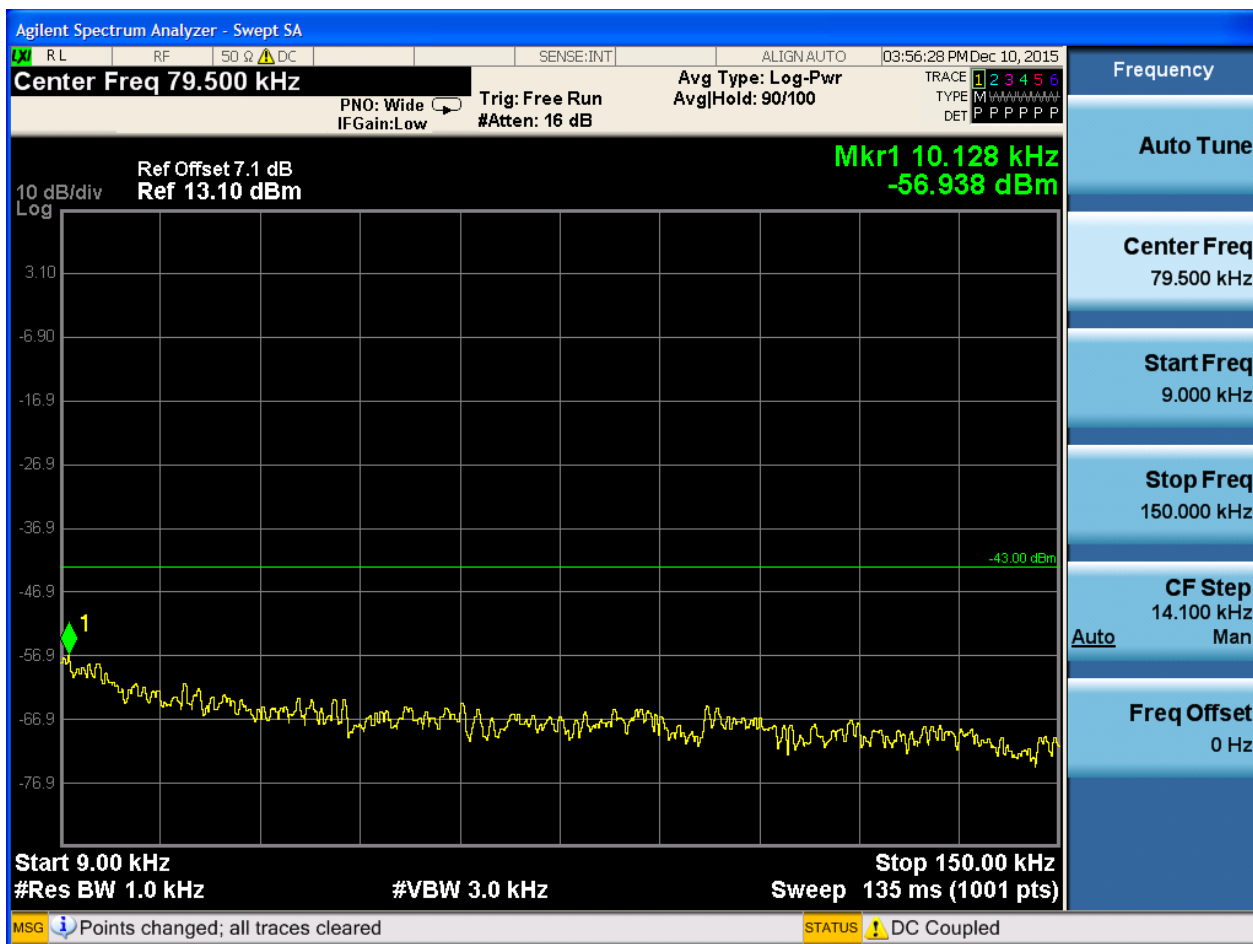


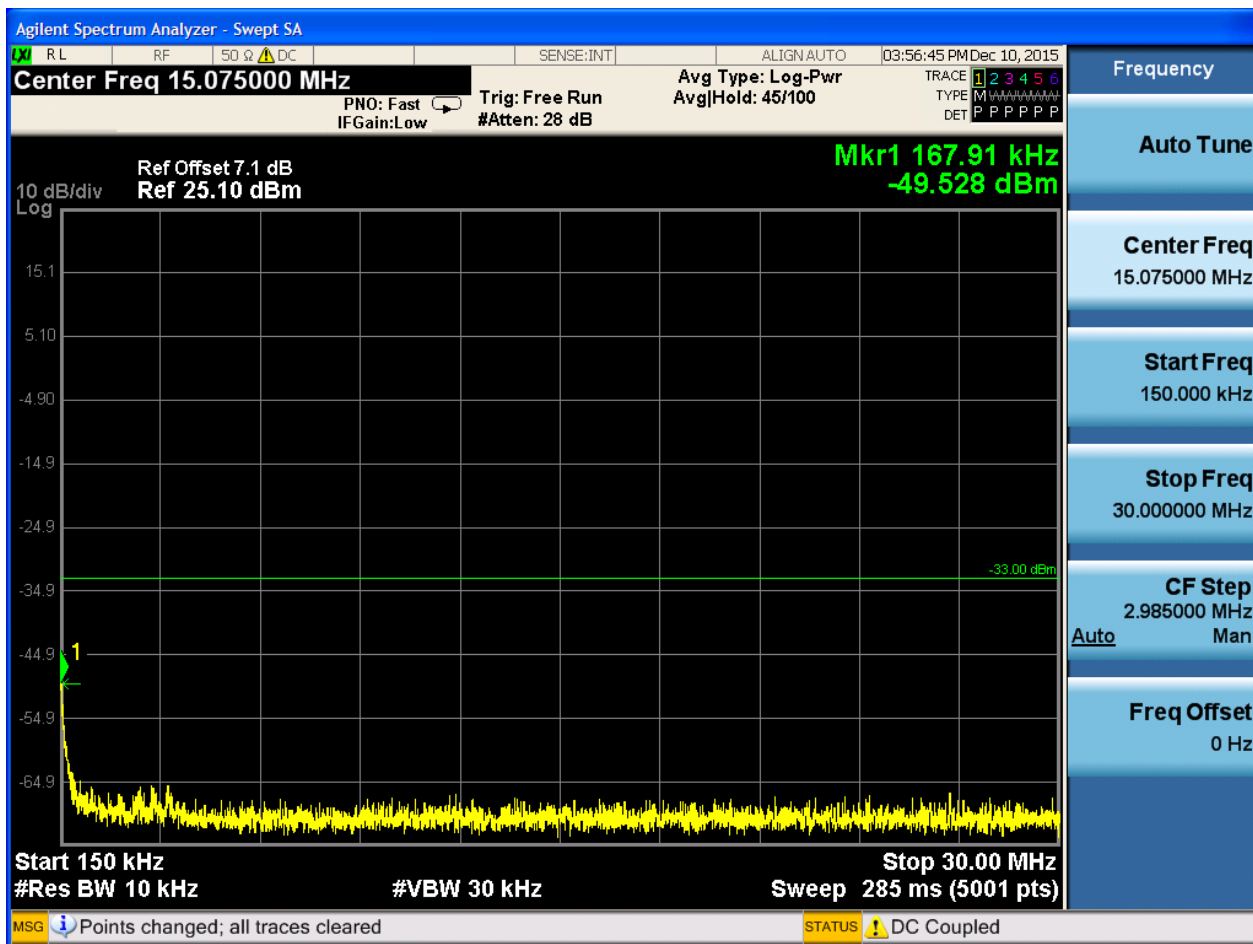


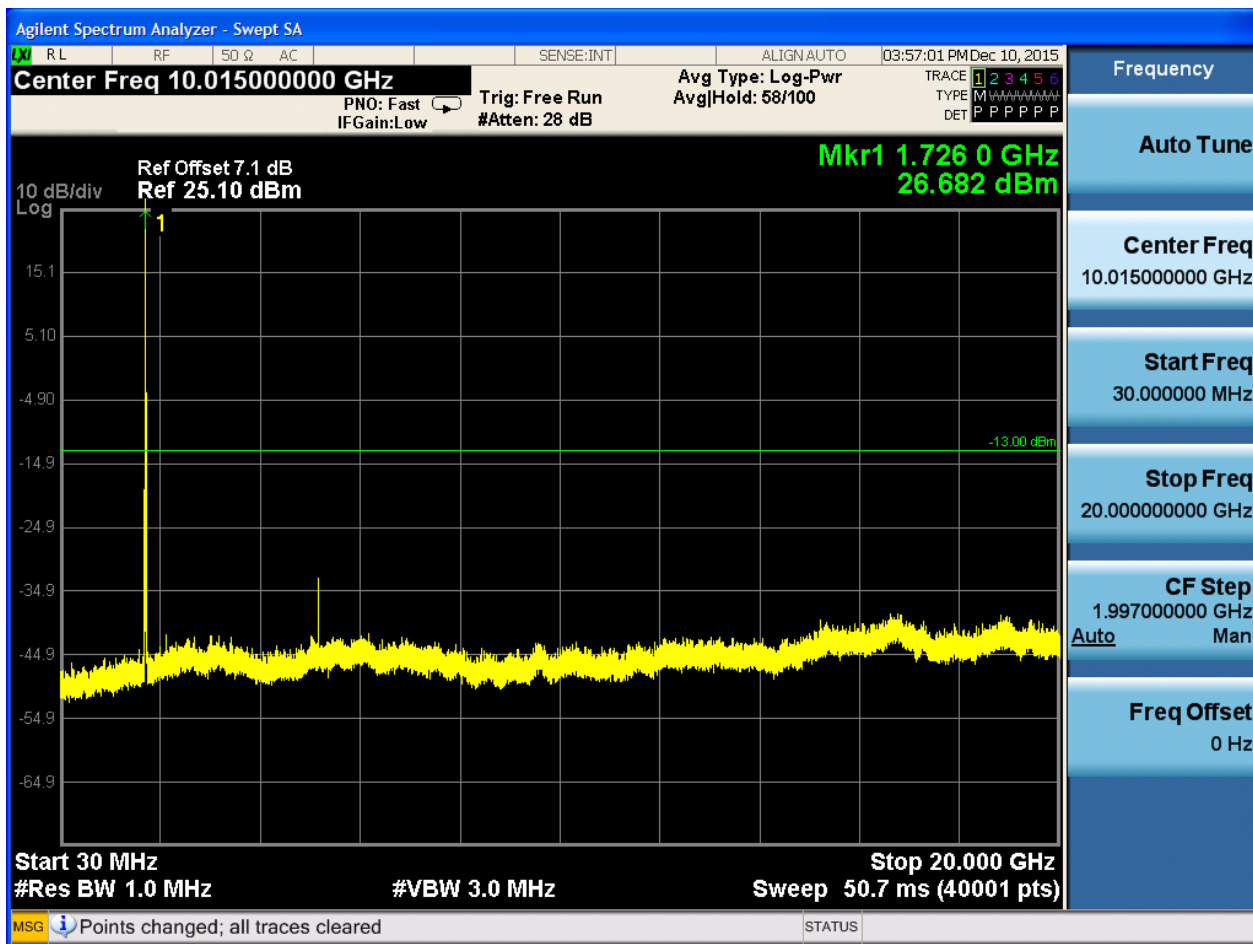


## 6.1.1.2.5.2 Test Channel = MCH

## 6.1.1.2.5.2.1 Test RB = RB1#0



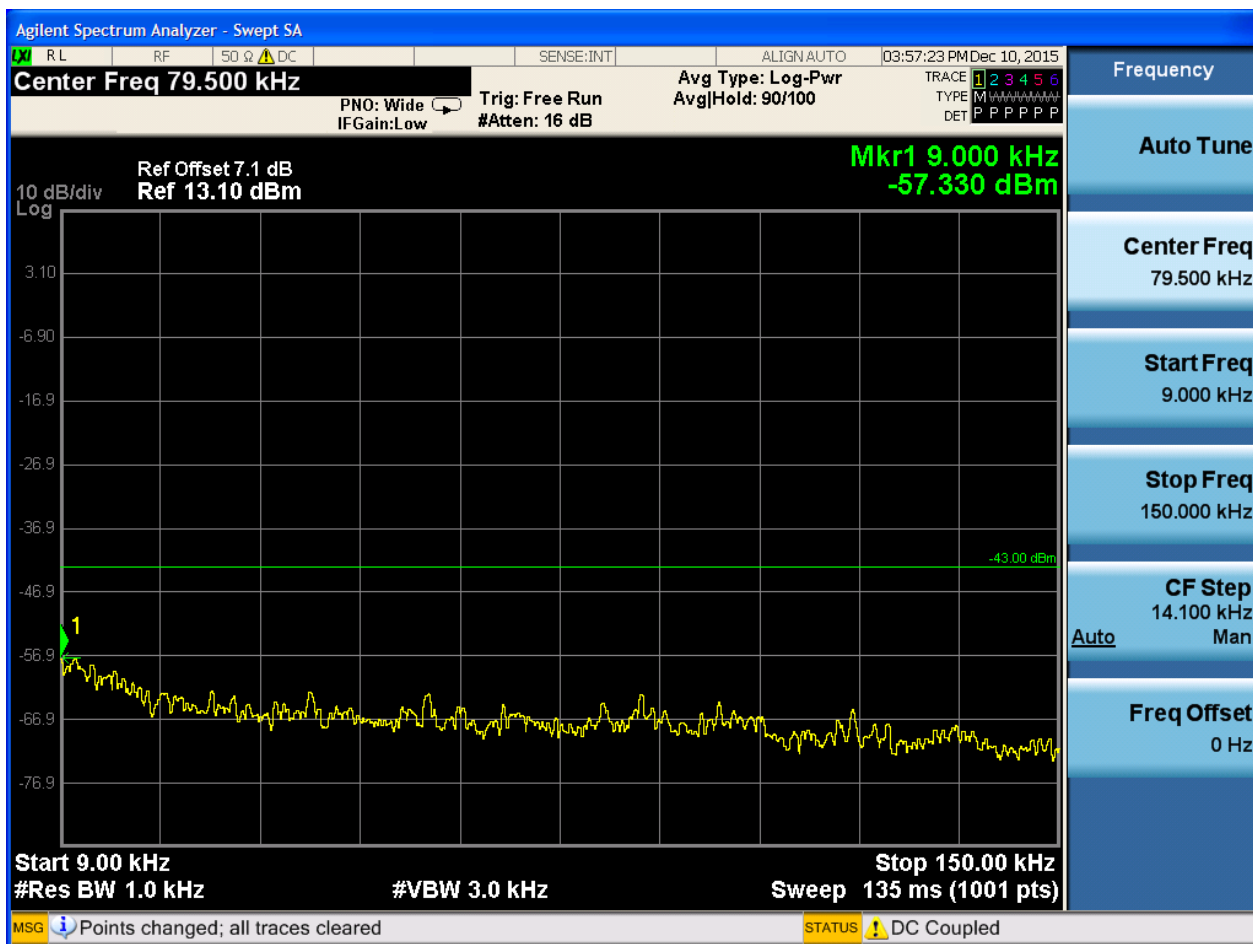


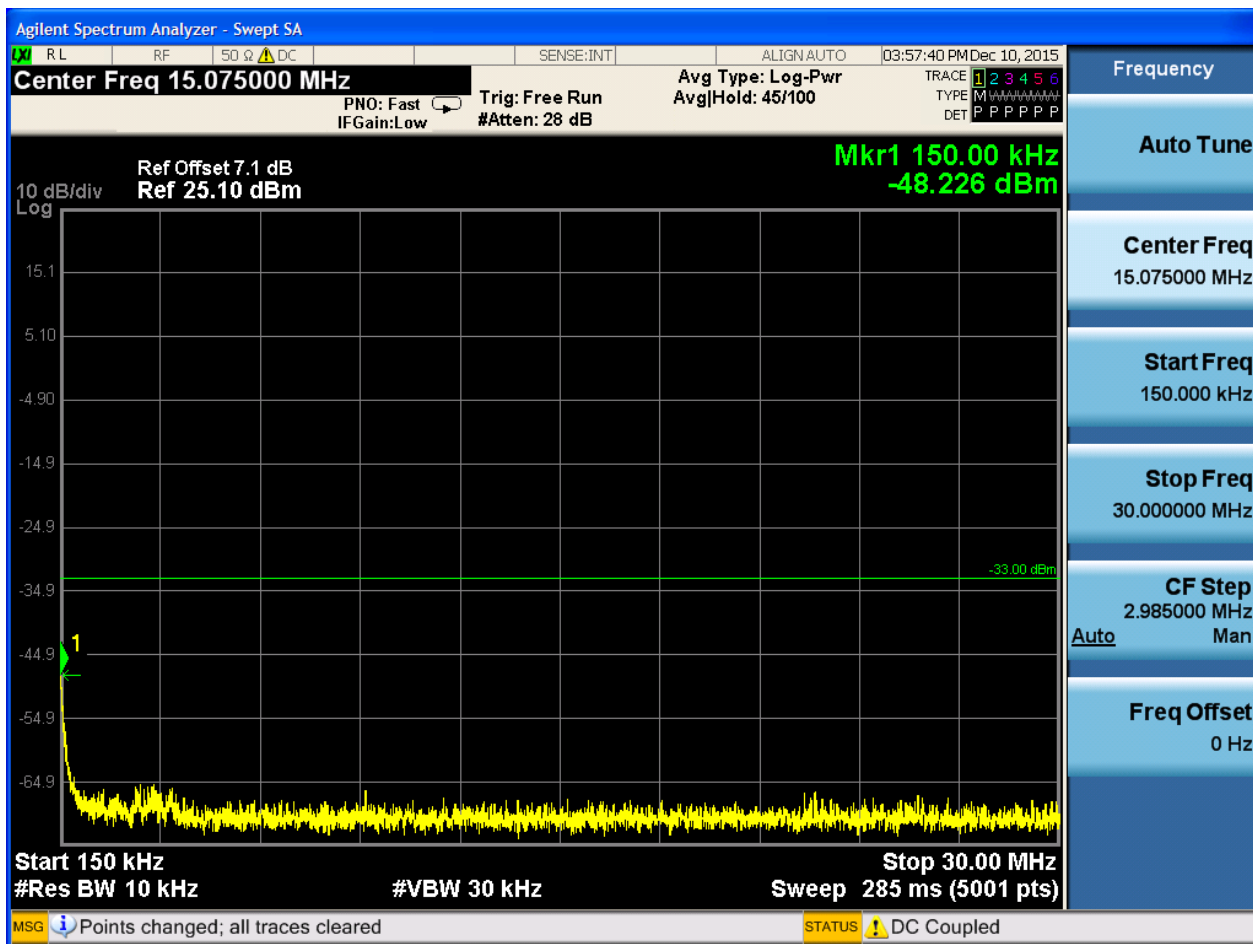


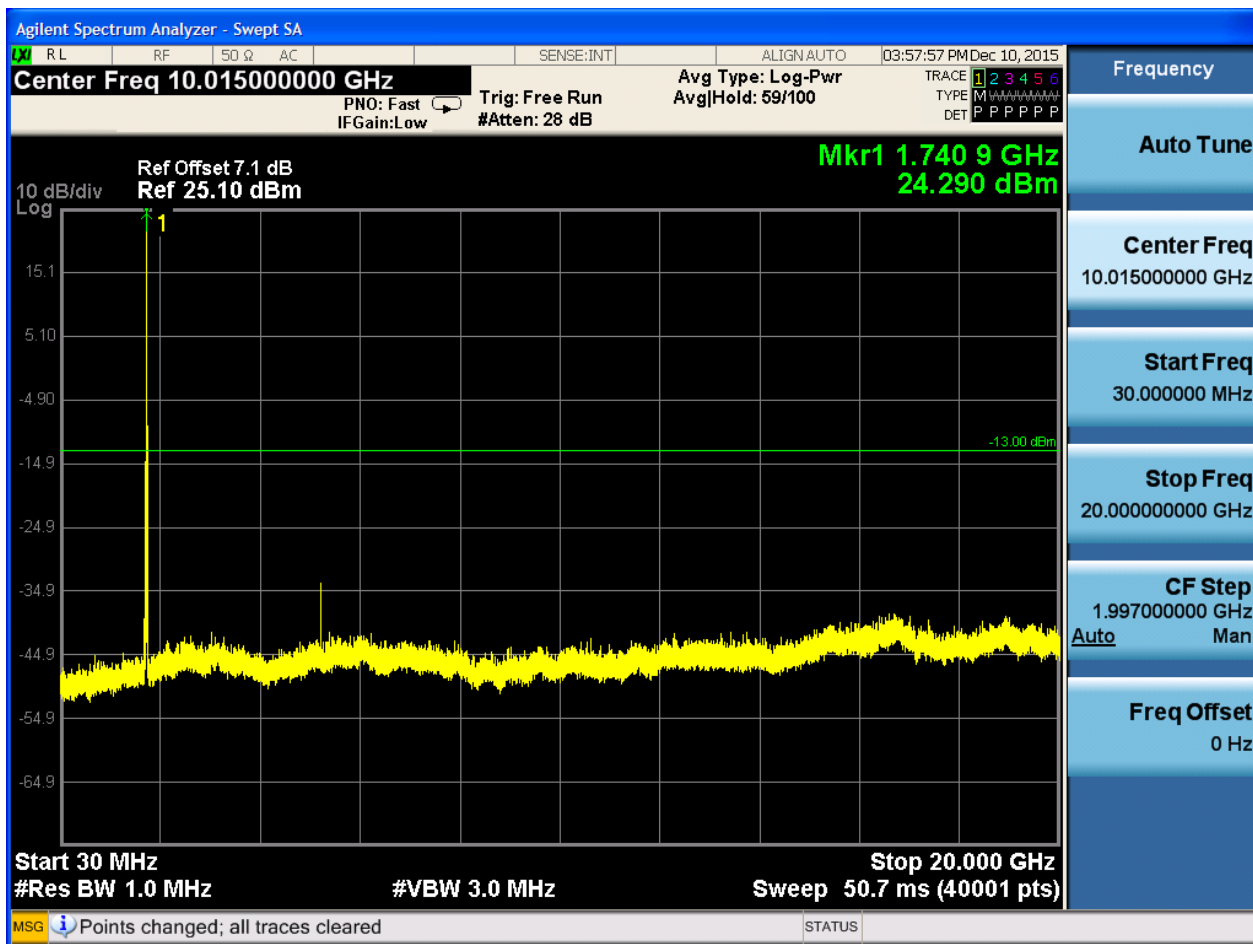


## 6.1.1.2.5.3 Test Channel = HCH

## 6.1.1.2.5.3.1 Test RB = RB1#0





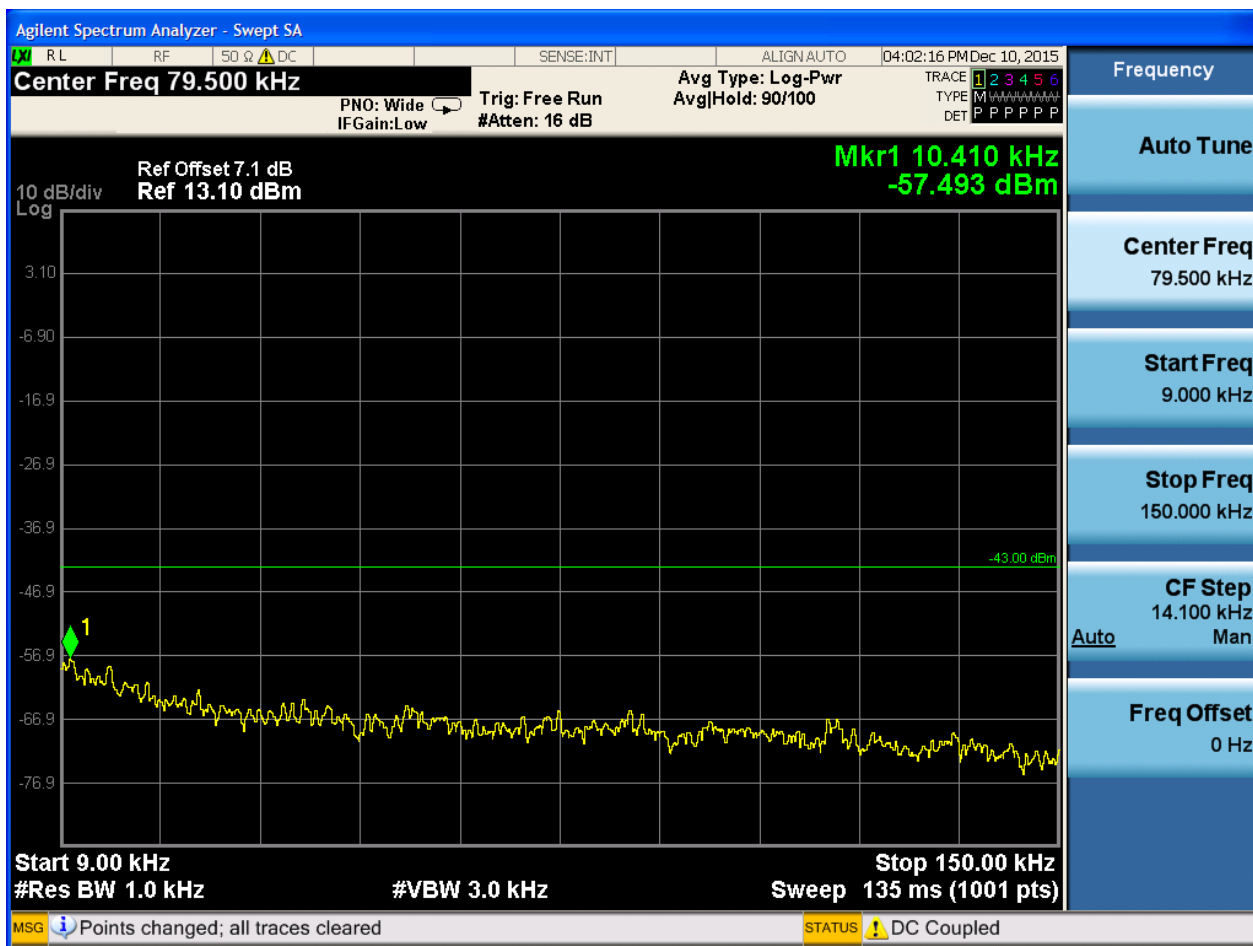


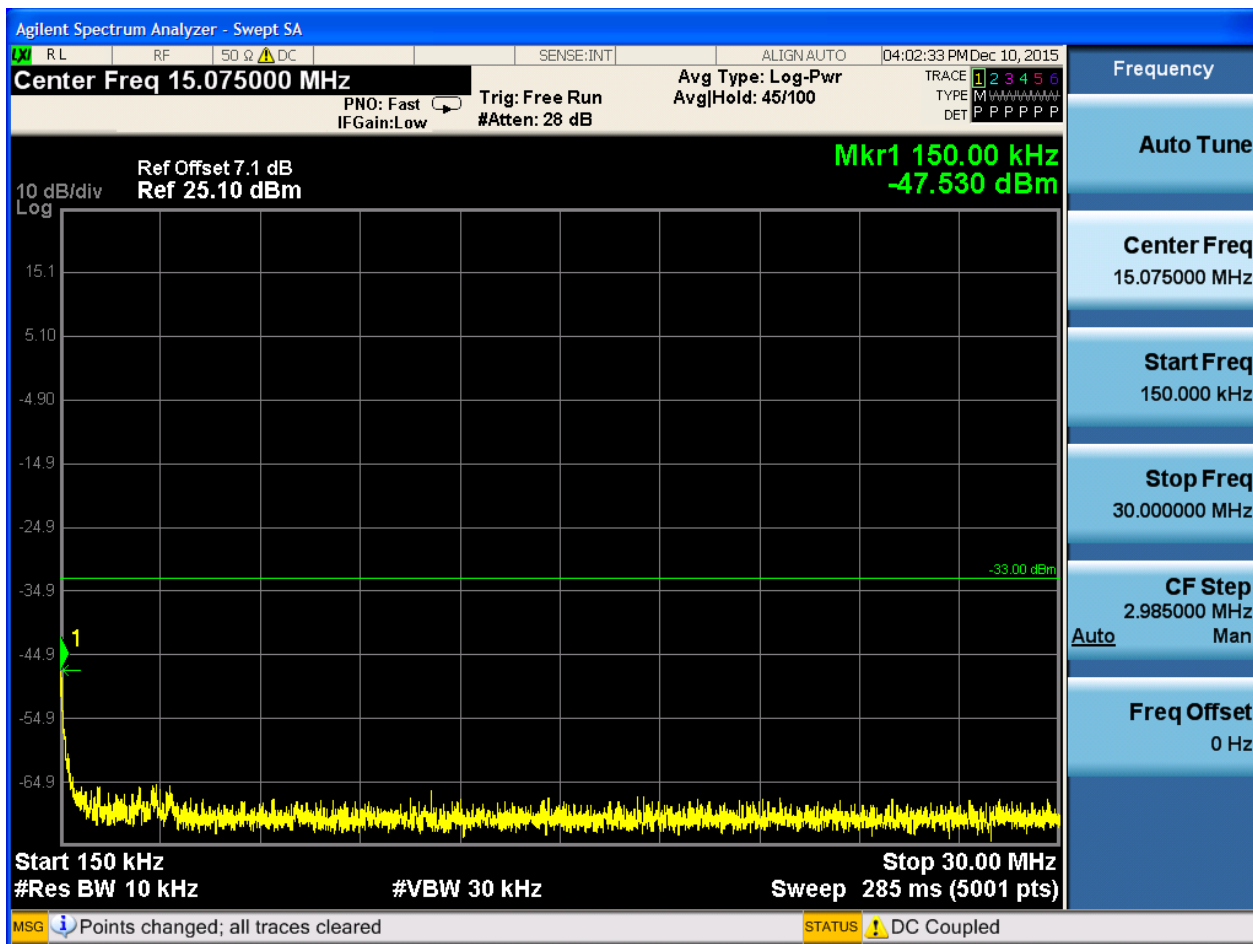


## 6.1.1.2.6 Test Bandwidth = 20

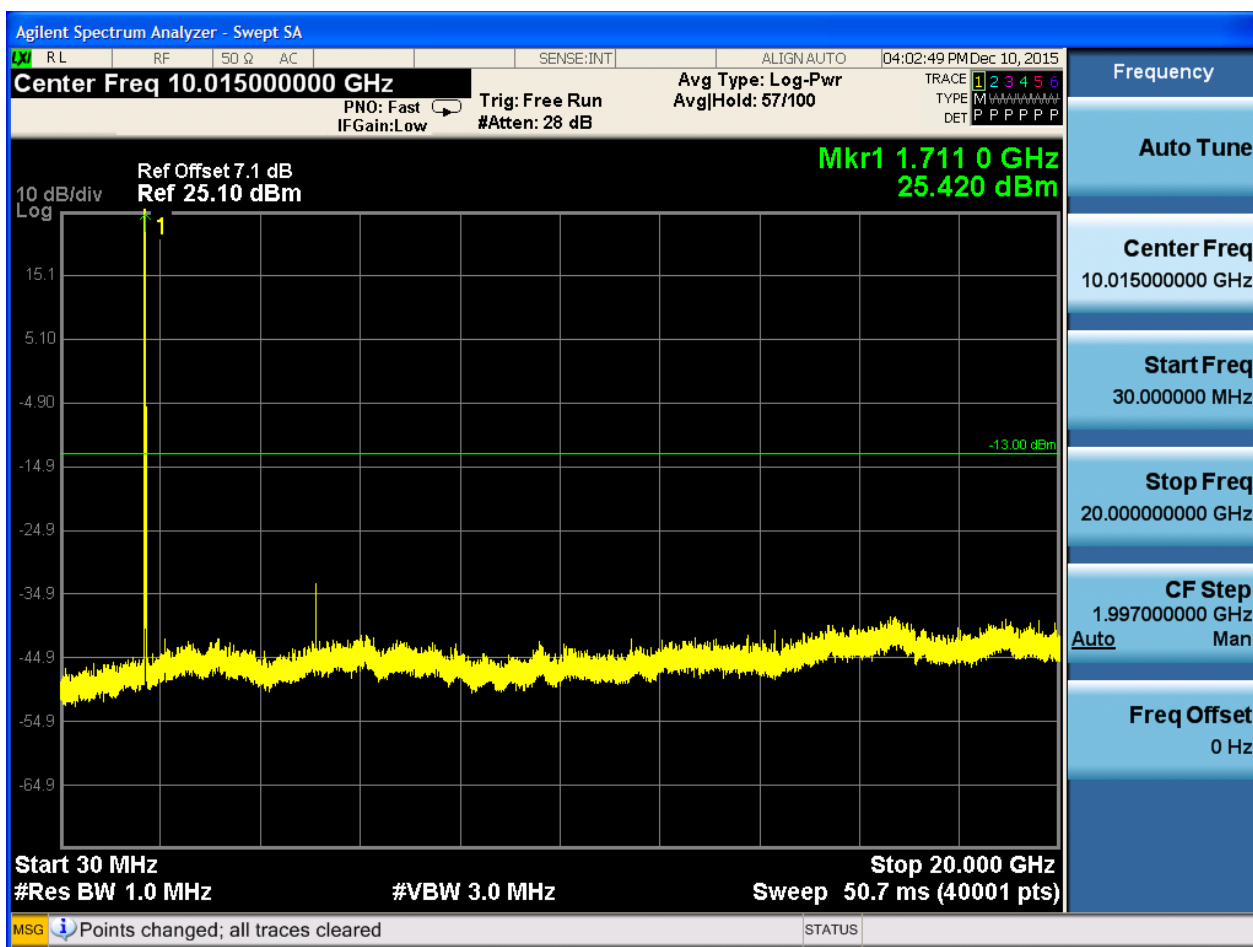
## 6.1.1.2.6.1 Test Channel = LCH

## 6.1.1.2.6.1.1 Test RB = RB1#0





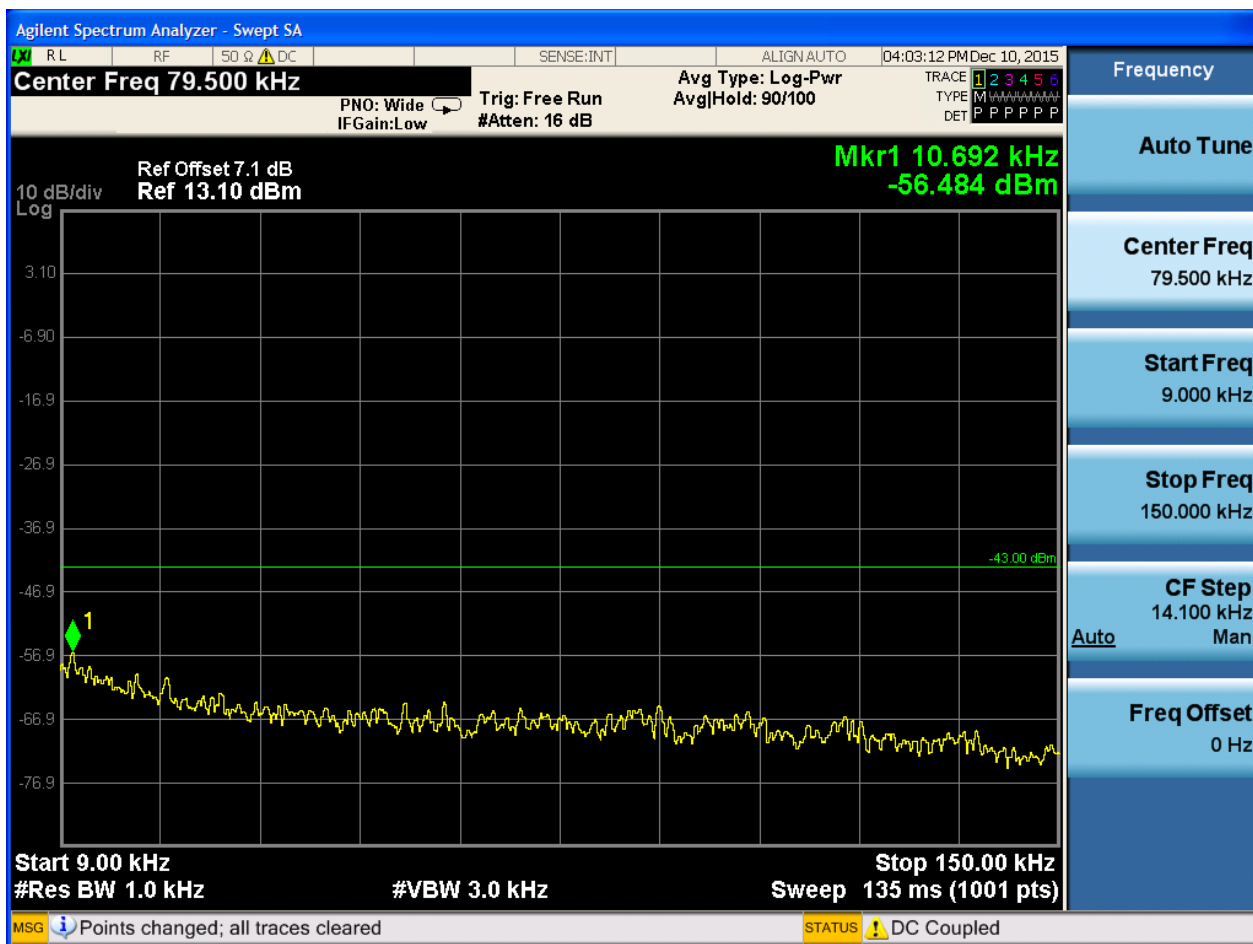


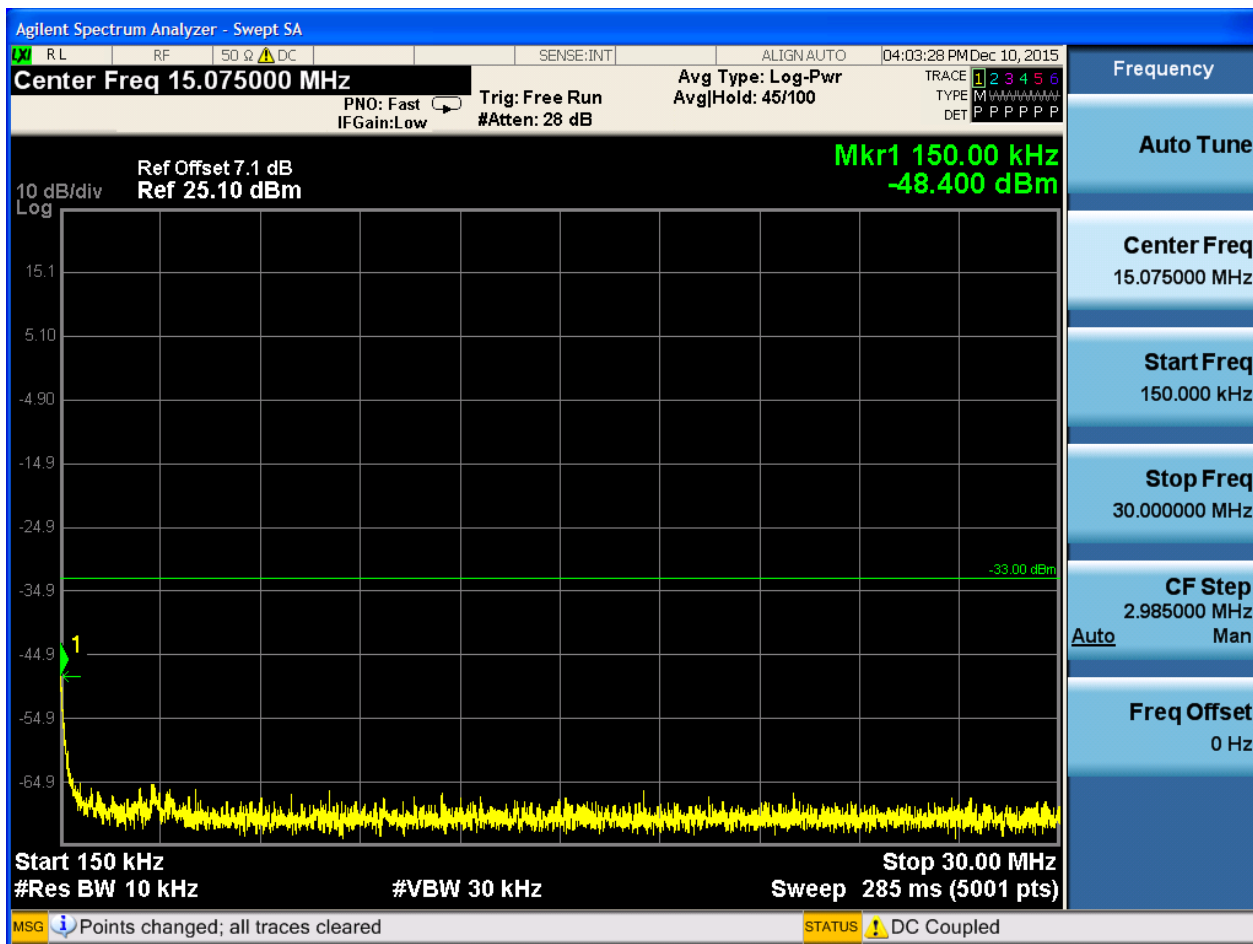


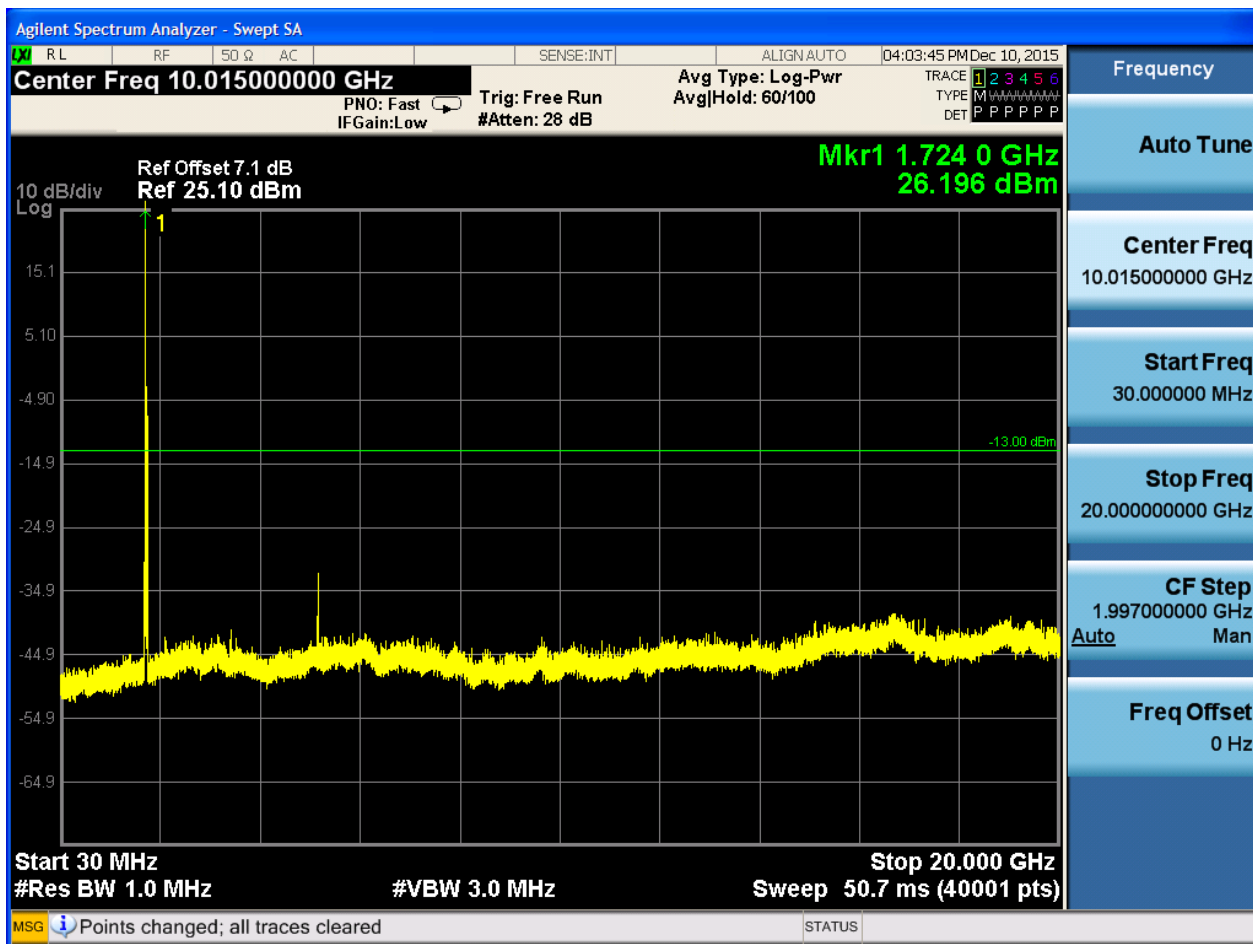


## 6.1.1.2.6.2 Test Channel = MCH

## 6.1.1.2.6.2.1 Test RB = RB1#0

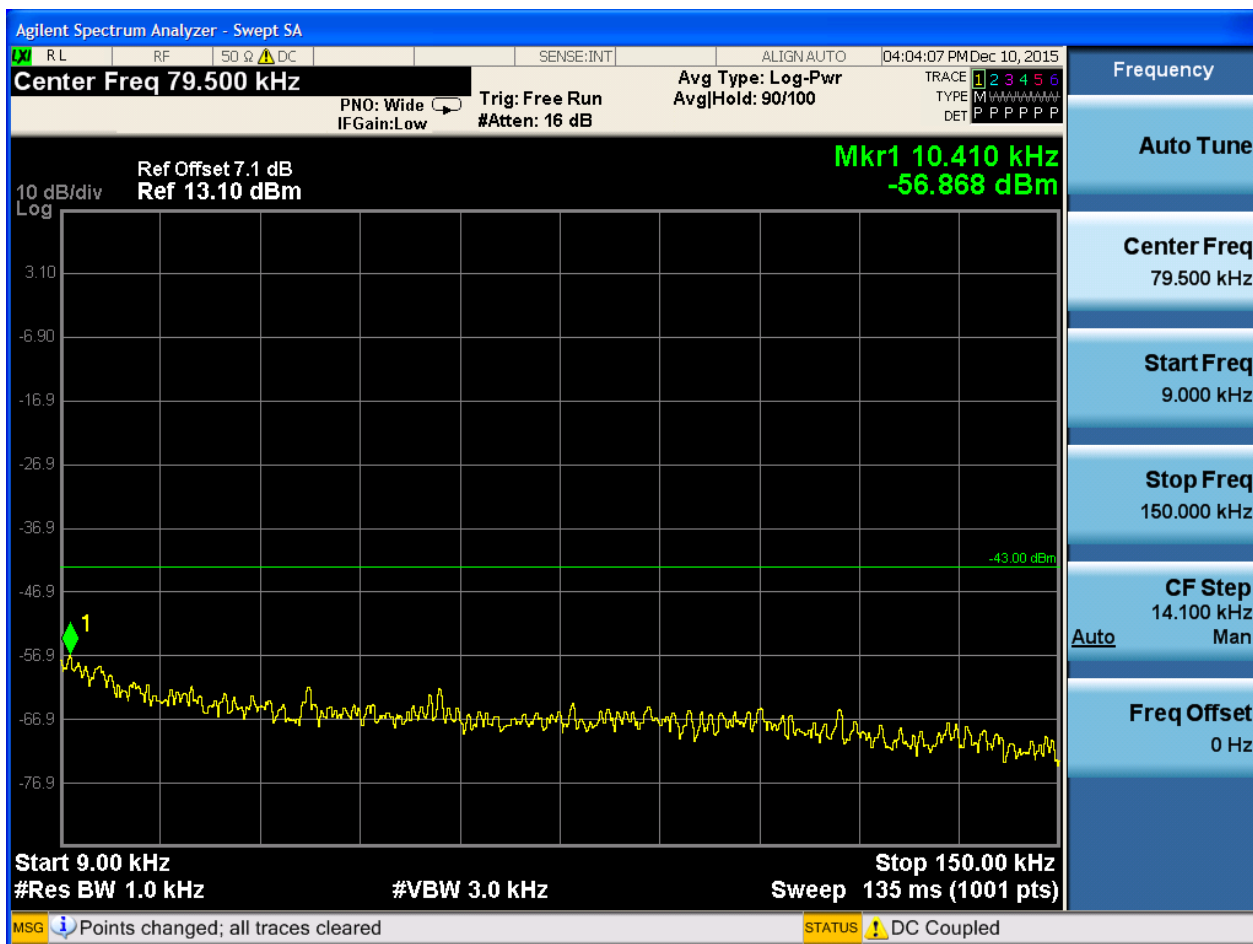


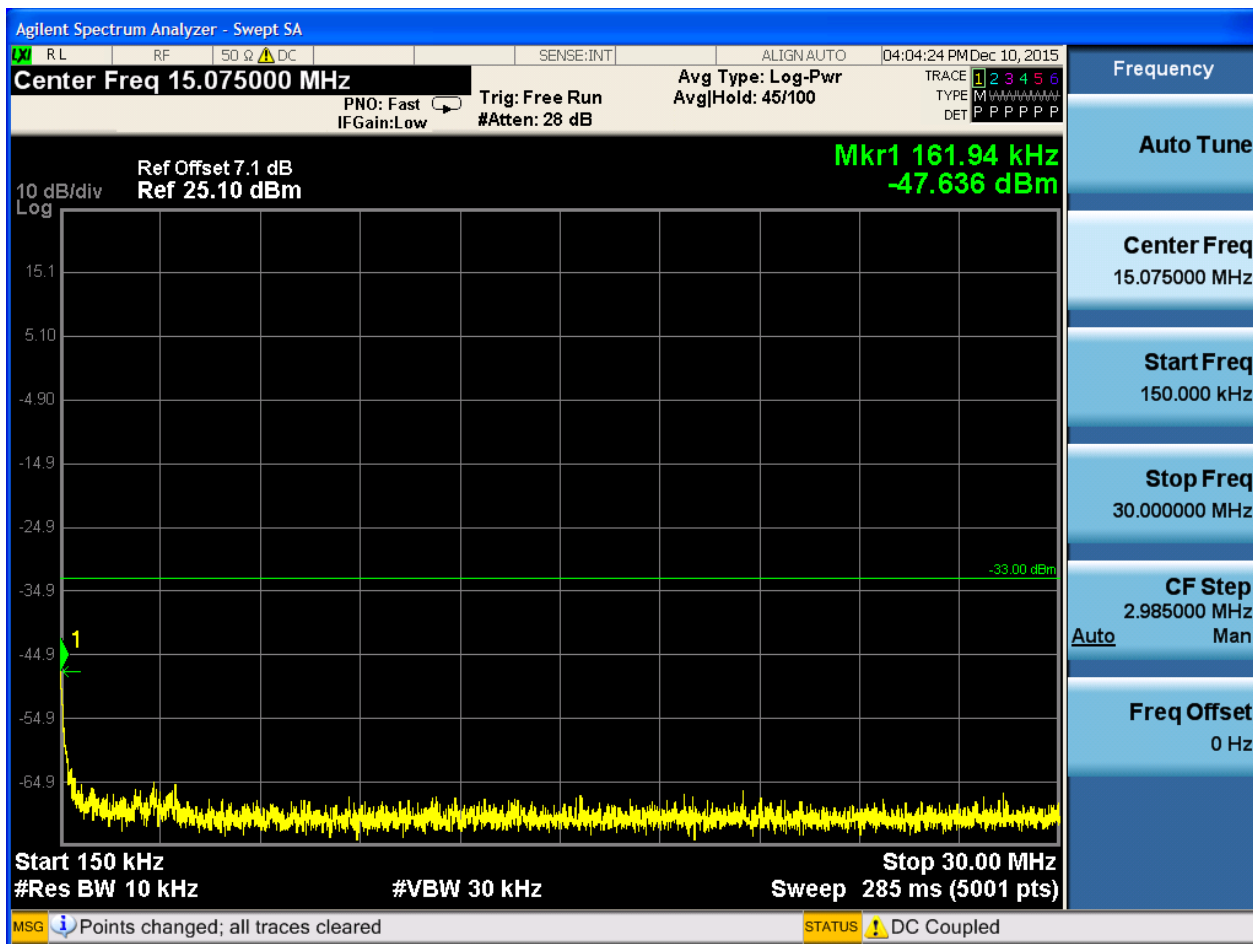


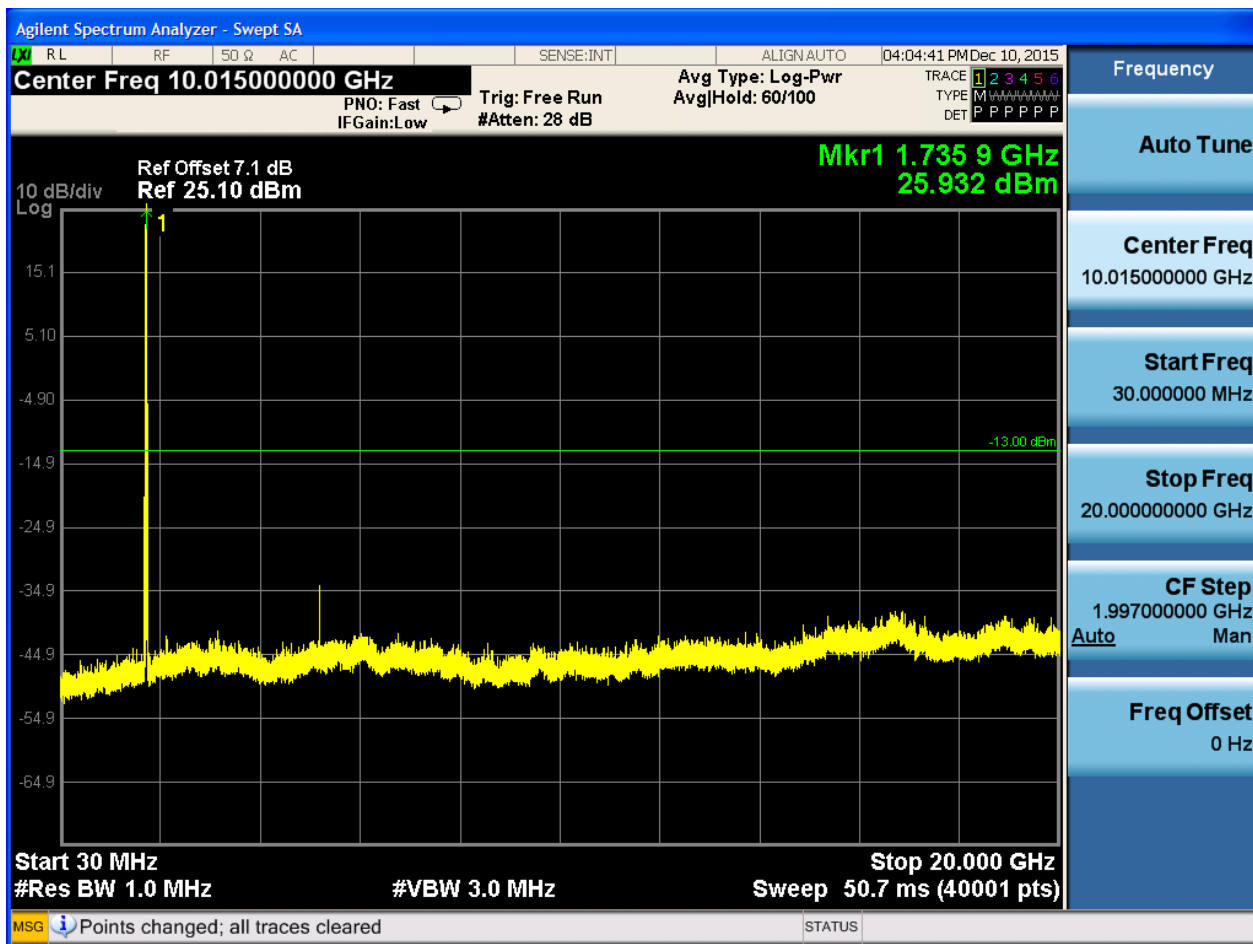


### 6.1.1.2.6.3 Test Channel = HCH

#### 6.1.1.2.6.3.1 Test RB = RB1#0







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

Note:

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

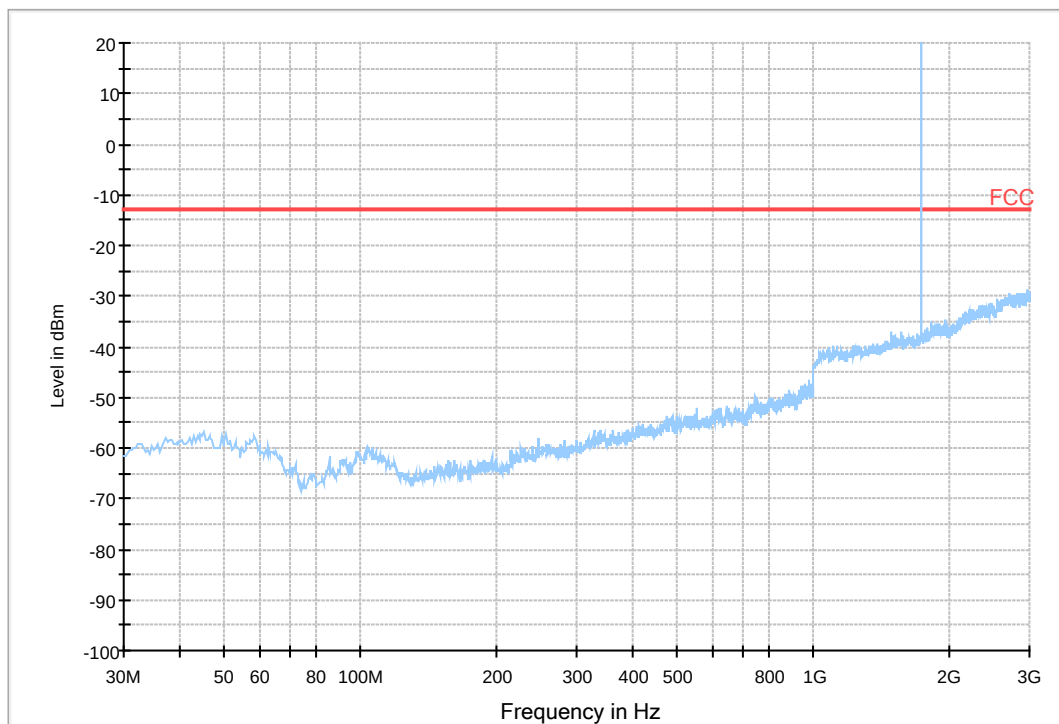
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

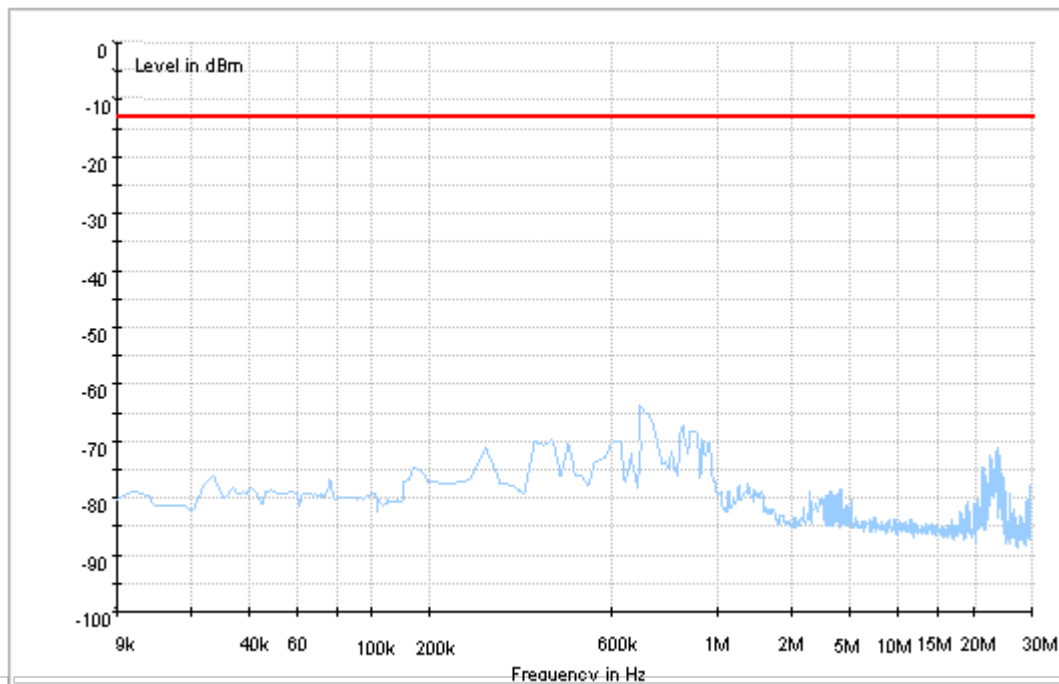
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND4

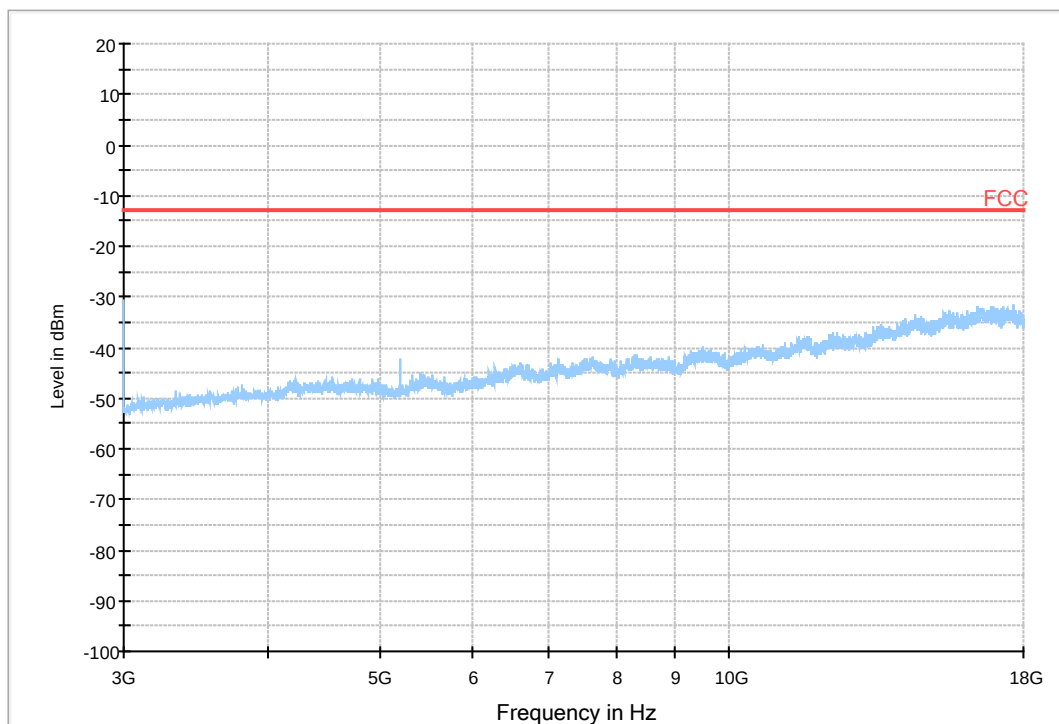
Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



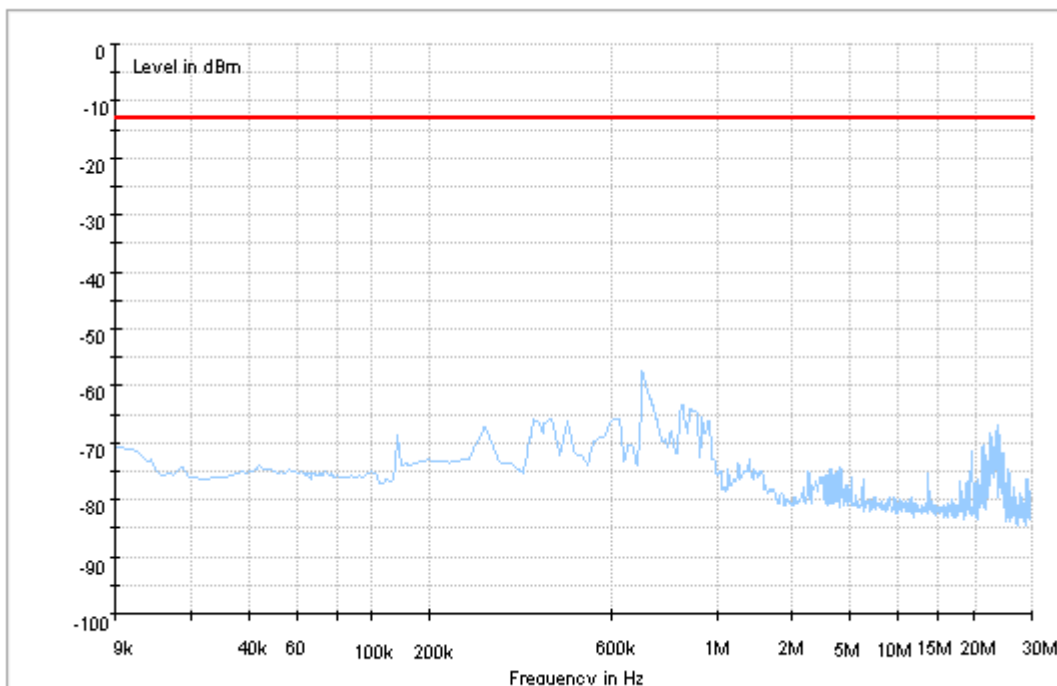




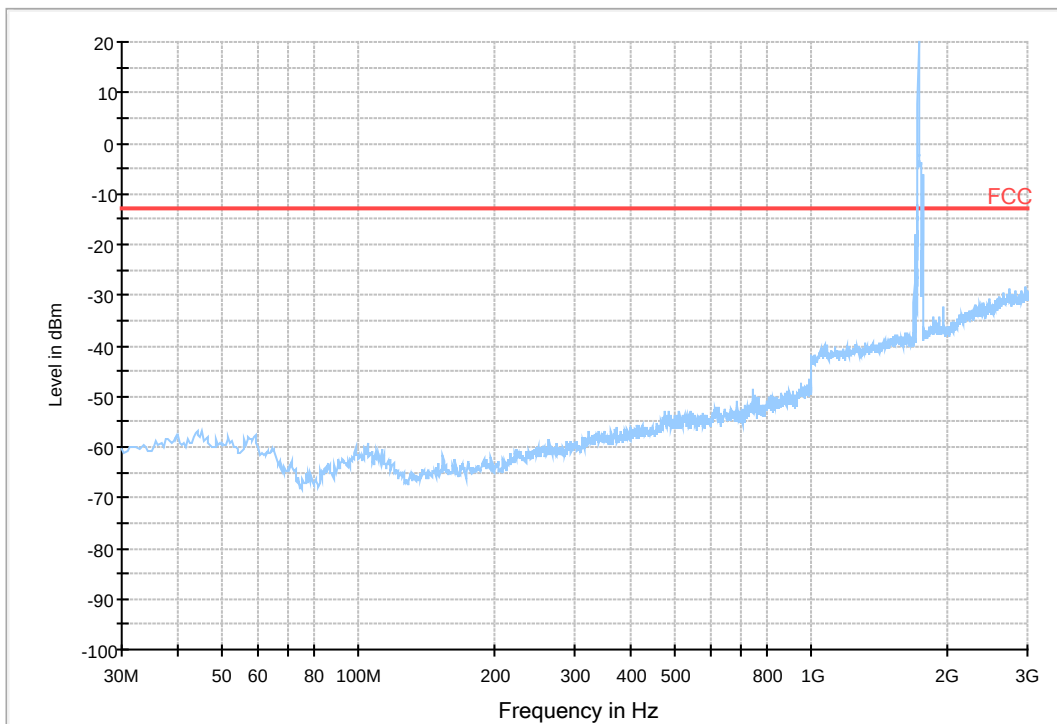
Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H



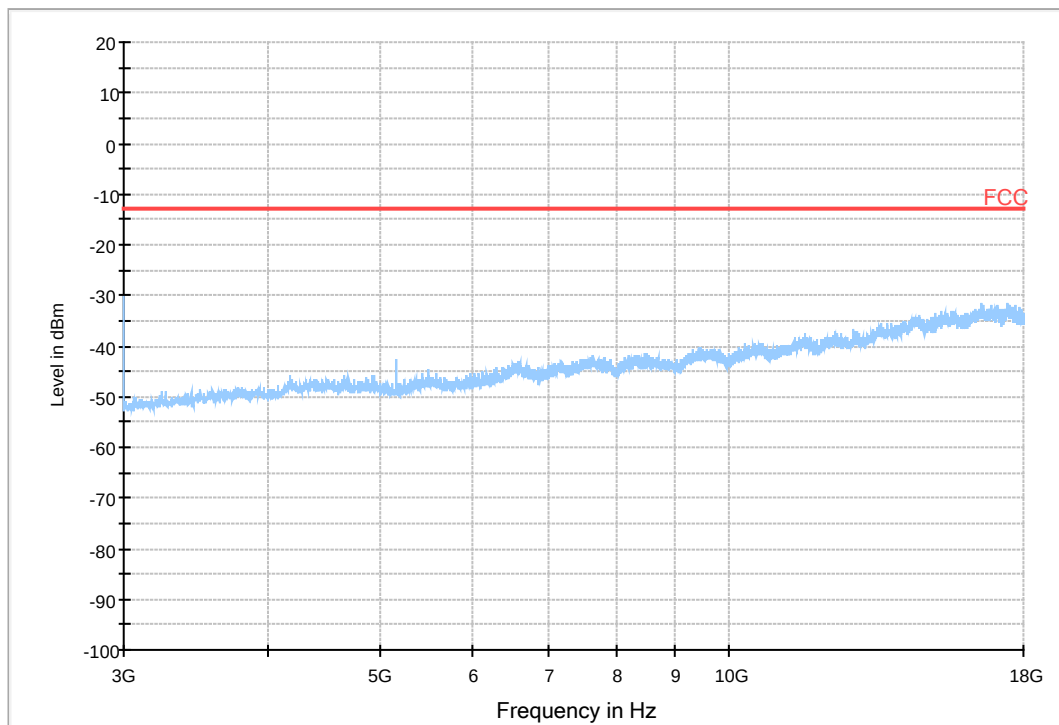
### 7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



## Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND4     | LTE/TM1   | 1.4                  | LCH          | TN         | VL         | 0.94             | 0.00055               | PASS    |
|           |           |                      |              |            | VN         | 1.49             | 0.00087               | PASS    |
|           |           |                      |              |            | VH         | 0.5              | 0.00029               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.23             | 0.00013               | PASS    |
|           |           |                      |              |            | VN         | -0.31            | -0.00018              | PASS    |
|           |           |                      |              |            | VH         | 0.06             | 0.00003               | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.83            | -0.00047              | PASS    |
|           |           |                      |              |            | VN         | -1.06            | -0.0006               | PASS    |
|           |           |                      |              |            | VH         | -1.07            | -0.00061              | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | 0.29             | 0.00017               | PASS    |
|           |           |                      |              |            | VN         | -0.14            | -0.00008              | PASS    |
|           |           |                      |              |            | VH         | -28.12           | -0.01643              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -17.62           | -0.01017              | PASS    |
|           |           |                      |              |            | VN         | -33.97           | -0.01961              | PASS    |
|           |           |                      |              |            | VH         | -22.6            | -0.01304              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.27            | -0.00015              | PASS    |
|           |           |                      |              |            | VN         | -34.7            | -0.01979              | PASS    |
|           |           |                      |              |            | VH         | -42.43           | -0.0242               | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -0.23            | -0.00013              | PASS    |
|           |           |                      |              |            | VN         | -0.06            | -0.00004              | PASS    |
|           |           |                      |              |            | VH         | 0.09             | 0.00005               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.24            | -0.00014              | PASS    |
|           |           |                      |              |            | VN         | -0.17            | -0.0001               | PASS    |
|           |           |                      |              |            | VH         | 0.04             | 0.00002               | PASS    |
|           |           |                      | HCH          | TN         | VL         | -1.03            | -0.00059              | PASS    |
|           |           |                      |              |            | VN         | -1.63            | -0.00093              | PASS    |
|           |           |                      |              |            | VH         | -1.32            | -0.00075              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -7.14            | -0.00416              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      |              |            | VN         | -16.98           | -0.0099               | PASS    |
|           |           |                      |              |            | VH         | -9.23            | -0.00538              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -1.32            | -0.00076              | PASS    |
|           |           |                      |              |            | VN         | -3.3             | -0.0019               | PASS    |
|           |           |                      |              |            | VH         | -3.53            | -0.00204              | PASS    |
|           |           |                      |              |            | VL         | -13.5            | -0.00771              | PASS    |
|           |           |                      | HCH          | TN         | VN         | -1.09            | -0.00062              | PASS    |
|           |           |                      |              |            | VH         | -7.21            | -0.00412              | PASS    |
|           |           |                      |              |            | VL         | -17.25           | -0.01004              | PASS    |
|           |           | 15                   | LCH          | TN         | VN         | -12.17           | -0.00709              | PASS    |
|           |           |                      |              |            | VH         | -7.18            | -0.00418              | PASS    |
|           |           |                      |              |            | VL         | -7.55            | -0.00436              | PASS    |
|           |           |                      | MCH          | TN         | VN         | -6.79            | -0.00392              | PASS    |
|           |           |                      |              |            | VH         | -3.5             | -0.00202              | PASS    |
|           |           |                      |              |            | VL         | -14.28           | -0.00817              | PASS    |
|           |           |                      | HCH          | TN         | VN         | -6.65            | -0.00381              | PASS    |
|           |           |                      |              |            | VH         | -1.14            | -0.00065              | PASS    |
|           |           |                      |              |            | VL         | -16.25           | -0.00945              | PASS    |
|           |           | 20                   | LCH          | TN         | VN         | -7.54            | -0.00438              | PASS    |
|           |           |                      |              |            | VH         | -13.18           | -0.00766              | PASS    |
|           |           |                      |              |            | VL         | -5.61            | -0.00324              | PASS    |
|           |           |                      | MCH          | TN         | VN         | -6.68            | -0.00386              | PASS    |
|           |           |                      |              |            | VH         | -5.22            | -0.00301              | PASS    |
|           |           |                      |              |            | VL         | -13.82           | -0.00792              | PASS    |
|           |           |                      | HCH          | TN         | VN         | -16.72           | -0.00958              | PASS    |
|           |           |                      |              |            | VH         | -1.09            | -0.00062              | PASS    |
|           |           |                      |              |            | VL         | -1.2             | -0.0007               | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | TN         | VN         | 0.14             | 0.00008               | PASS    |
|           |           |                      |              |            | VH         | -0.14            | -0.00008              | PASS    |
|           |           |                      |              |            | VL         | 0.79             | 0.00046               | PASS    |
|           |           |                      | MCH          | TN         | VN         | 0.16             | 0.00009               | PASS    |
|           |           |                      |              |            | VH         | -0.14            | -0.00008              | PASS    |
|           |           |                      |              |            | VL         | -0.24            | -0.00014              | PASS    |
|           |           |                      | HCH          | TN         | VN         | -0.66            | -0.00038              | PASS    |
|           |           |                      |              |            | VH         | -0.73            | -0.00042              | PASS    |
|           |           |                      |              |            | VL         | -0.59            | -0.00034              | PASS    |
|           |           | 3                    | LCH          | TN         | VN         | 0.7              | 0.00041               | PASS    |
|           |           |                      |              |            | VH         | -1.14            | -0.00067              | PASS    |
|           |           |                      |              |            | VL         | -43.69           | -0.02522              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -43.69           | -0.02522              | 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         | -27.62           | -0.01594              | PASS    |
|           |           |                      |              |            | VH         | -0.54            | -0.00031              | PASS    |
|           |           |                      |              |            | VL         | -34.96           | -0.01994              | PASS    |
|           |           |                      |              |            | VN         | -28.54           | -0.01628              | PASS    |
|           |           |                      |              |            | VH         | -30.67           | -0.01749              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -0.74            | -0.00043              | PASS    |
|           |           |                      |              |            | VN         | 0.43             | 0.00025               | PASS    |
|           |           |                      |              |            | VH         | 0.47             | 0.00027               | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.33             | 0.00019               | PASS    |
|           |           |                      |              |            | VN         | 0.6              | 0.00035               | PASS    |
|           |           |                      |              |            | VH         | -0.14            | -0.00008              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.87            | -0.0005               | PASS    |
|           |           |                      |              |            | VN         | -0.66            | -0.00038              | PASS    |
|           |           |                      |              |            | VH         | -1.12            | -0.00064              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -4.63            | -0.0027               | PASS    |
|           |           |                      |              |            | VN         | -9.67            | -0.00564              | PASS    |
|           |           |                      |              |            | VH         | -14.43           | -0.00841              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -8.27            | -0.00477              | PASS    |
|           |           |                      |              |            | VN         | -3.48            | -0.00201              | PASS    |
|           |           |                      |              |            | VH         | -5.06            | -0.00292              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -7.61            | -0.00435              | PASS    |
|           |           |                      |              |            | VN         | -1.49            | -0.00085              | PASS    |
|           |           |                      |              |            | VH         | -4.88            | -0.00279              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | 0.09             | 0.00005               | PASS    |
|           |           |                      |              |            | VN         | -2.39            | -0.00139              | PASS    |
|           |           |                      |              |            | VH         | -4.13            | -0.0024               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -13.92           | -0.00803              | PASS    |
|           |           |                      |              |            | VN         | 1.79             | 0.00103               | PASS    |
|           |           |                      |              |            | VH         | -1.66            | -0.00096              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -35.1            | -0.02009              | PASS    |
|           |           |                      |              |            | VN         | -8.17            | -0.00468              | PASS    |
|           |           |                      |              |            | VH         | 6.98             | 0.00399               | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -17.47           | -0.01016              | PASS    |
|           |           |                      |              |            | VN         | -11.22           | -0.00652              | PASS    |
|           |           |                      |              |            | VH         | 0.34             | 0.0002                | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.67             | 0.00039               | PASS    |
|           |           |                      |              |            | VN         | -5.21            | -0.00301              | PASS    |
|           |           |                      |              |            | VH         | -3.52            | -0.00203              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 1.13             | 0.00065               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      |              |            | VN         | -12.96           | -0.00743              | PASS    |
|           |           |                      |              |            | VH         | -8.8             | -0.00504              | PASS    |

### 8.1.2 Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| BAND4     | LTE/TM1   | 1.4                  | LCH          | VN         | -30       | -0.74            | -0.00043              | PASS    |
|           |           |                      |              |            | -20       | 1.12             | 0.00065               | PASS    |
|           |           |                      |              |            | -10       | 1.14             | 0.00067               | PASS    |
|           |           |                      |              |            | 0         | -0.57            | -0.00033              | PASS    |
|           |           |                      |              |            | 10        | -1.29            | -0.00075              | PASS    |
|           |           |                      |              |            | 20        | 0.56             | 0.00033               | PASS    |
|           |           |                      |              |            | 30        | -1.26            | -0.00074              | PASS    |
|           |           |                      |              |            | 40        | 0.54             | 0.00032               | PASS    |
|           |           |                      |              |            | 50        | 1.82             | 0.00106               | PASS    |
|           |           |                      | MCH          | VN         | -30       | -0.62            | -0.00036              | PASS    |
|           |           |                      |              |            | -20       | 1.2              | 0.00069               | PASS    |
|           |           |                      |              |            | -10       | -0.33            | -0.00019              | PASS    |
|           |           |                      |              |            | 0         | 0.27             | 0.00016               | PASS    |
|           |           |                      |              |            | 10        | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 20        | 0.63             | 0.00036               | PASS    |
|           |           |                      |              |            | 30        | -1.53            | -0.00088              | PASS    |
|           |           |                      |              |            | 40        | -0.4             | -0.00023              | PASS    |
|           |           |                      |              |            | 50        | 0.94             | 0.00054               | PASS    |
|           |           |                      | HCH          | VN         | -30       | -1.46            | -0.00083              | PASS    |
|           |           |                      |              |            | -20       | -0.69            | -0.00039              | PASS    |
|           |           |                      |              |            | -10       | -1.2             | -0.00068              | PASS    |
|           |           |                      |              |            | 0         | -1.86            | -0.00106              | PASS    |
|           |           |                      |              |            | 10        | -1.93            | -0.0011               | PASS    |
|           |           |                      |              |            | 20        | -0.51            | -0.00029              | PASS    |
|           |           |                      |              |            | 30        | -1.16            | -0.00066              | PASS    |
|           |           |                      |              |            | 40        | -1.17            | -0.00067              | PASS    |
|           |           |                      |              |            | 50        | -0.1             | -0.00006              | PASS    |
|           |           | 3                    | LCH          | VN         | -30       | -28.48           | -0.01664              | PASS    |
|           |           |                      |              |            | -20       | -1.9             | -0.00111              | PASS    |
|           |           |                      |              |            | -10       | -0.4             | -0.00023              | PASS    |
|           |           |                      |              |            | 0         | -0.07            | -0.00004              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10        | -0.72            | -0.00042              | PASS    |
|           |           |                      |              |            | 20        | -0.84            | -0.00049              | PASS    |
|           |           |                      |              |            | 30        | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 40        | -0.43            | -0.00025              | PASS    |
|           |           |                      |              |            | 50        | -1.23            | -0.00072              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -25.94           | -0.01497              | PASS    |
|           |           |                      |              |            | -20       | -21              | -0.01212              | PASS    |
|           |           |                      |              |            | -10       | -0.2             | -0.00012              | PASS    |
|           |           |                      |              |            | 0         | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | 10        | -43.34           | -0.02502              | PASS    |
|           |           |                      |              |            | 20        | -27.11           | -0.01565              | PASS    |
|           |           |                      |              |            | 30        | -26.14           | -0.01509              | PASS    |
|           |           |                      |              |            | 40        | -23.55           | -0.01359              | PASS    |
|           |           |                      |              |            | 50        | -29.27           | -0.01689              | PASS    |
|           |           |                      | HCH          | VN         | -30       | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | -20       | -0.84            | -0.00049              | PASS    |
|           |           |                      |              |            | -10       | -0.1             | -0.00006              | PASS    |
|           |           |                      |              |            | 0         | -27.65           | -0.01577              | PASS    |
|           |           |                      |              |            | 10        | -27.65           | -0.01577              | PASS    |
|           |           |                      |              |            | 20        | 0.24             | 0.00014               | PASS    |
|           |           |                      |              |            | 30        | -36.23           | -0.02066              | PASS    |
|           |           |                      |              |            | 40        | -0.59            | -0.00034              | PASS    |
|           |           |                      |              |            | 50        | -33.49           | -0.0191               | PASS    |
|           |           | 5                    | LCH          | VN         | -30       | 0.51             | 0.0003                | PASS    |
|           |           |                      |              |            | -20       | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | -10       | 0.1              | 0.00006               | PASS    |
|           |           |                      |              |            | 0         | 0.59             | 0.00034               | PASS    |
|           |           |                      |              |            | 10        | -0.04            | -0.00002              | PASS    |
|           |           |                      |              |            | 20        | -0.7             | -0.00041              | PASS    |
|           |           |                      |              |            | 30        | 0.07             | 0.00004               | PASS    |
|           |           |                      |              |            | 40        | -0.24            | -0.00014              | PASS    |
|           |           |                      |              |            | 50        | -0.31            | -0.00018              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -0.44            | -0.00025              | PASS    |
|           |           |                      |              |            | -20       | 0.59             | 0.00034               | PASS    |
|           |           |                      |              |            | -10       | 0.23             | 0.00013               | PASS    |
|           |           |                      |              |            | 0         | 0.21             | 0.00012               | PASS    |
|           |           |                      |              |            | 10        | 0.13             | 0.00008               | PASS    |
|           |           |                      |              |            | 20        | -0.1             | -0.00006              | PASS    |
|           |           |                      |              |            | 30        | -0.46            | -0.00027              | PASS    |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40        | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 50        | 0.13             | 0.00008               | PASS    |
|           |           |                      | HCH          | VN         | -30       | -1.34            | -0.00076              | PASS    |
|           |           |                      |              |            | -20       | -0.4             | -0.00023              | PASS    |
|           |           |                      |              |            | -10       | -0.89            | -0.00051              | PASS    |
|           |           |                      |              |            | 0         | -1.53            | -0.00087              | PASS    |
|           |           |                      |              |            | 10        | -0.87            | -0.0005               | PASS    |
|           |           |                      |              |            | 20        | -1.69            | -0.00096              | PASS    |
|           |           |                      |              |            | 30        | -0.51            | -0.00029              | PASS    |
|           |           |                      |              |            | 40        | -1.3             | -0.00074              | PASS    |
|           |           |                      |              |            | 50        | -0.84            | -0.00048              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -10.87           | -0.00634              | PASS    |
|           |           |                      |              |            | -20       | -5.99            | -0.00349              | PASS    |
|           |           |                      |              |            | -10       | -14.52           | -0.00847              | PASS    |
|           |           |                      |              |            | 0         | -8.31            | -0.00485              | PASS    |
|           |           |                      |              |            | 10        | -11.87           | -0.00692              | PASS    |
|           |           |                      |              |            | 20        | -2.65            | -0.00155              | PASS    |
|           |           |                      |              |            | 30        | -6.67            | -0.00389              | PASS    |
|           |           |                      |              |            | 40        | -3.1             | -0.00181              | PASS    |
|           |           |                      |              |            | 50        | -5.94            | -0.00346              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -11.76           | -0.00679              | PASS    |
|           |           |                      |              |            | -20       | 4.58             | 0.00264               | PASS    |
|           |           |                      |              |            | -10       | -9.03            | -0.00521              | PASS    |
|           |           |                      |              |            | 0         | -11.84           | -0.00683              | PASS    |
|           |           |                      |              |            | 10        | 4.73             | 0.00273               | PASS    |
|           |           |                      |              |            | 20        | -11.29           | -0.00652              | PASS    |
|           |           |                      |              |            | 30        | -1.37            | -0.00079              | PASS    |
|           |           |                      |              |            | 40        | -9.27            | -0.00535              | PASS    |
|           |           |                      |              |            | 50        | 1.2              | 0.00069               | PASS    |
|           |           |                      | HCH          | VN         | -30       | 1.44             | 0.00082               | PASS    |
|           |           |                      |              |            | -20       | -9.5             | -0.00543              | PASS    |
|           |           |                      |              |            | -10       | -7.3             | -0.00417              | PASS    |
|           |           |                      |              |            | 0         | -7.24            | -0.00414              | PASS    |
|           |           |                      |              |            | 10        | -6.62            | -0.00378              | PASS    |
|           |           |                      |              |            | 20        | -4.05            | -0.00231              | PASS    |
|           |           |                      |              |            | 30        | 1.29             | 0.00074               | PASS    |
|           |           |                      |              |            | 40        | -10.14           | -0.00579              | PASS    |
|           |           |                      |              |            | 50        | -10.09           | -0.00577              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -11.04           | -0.00643              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -20       | -13.96           | -0.00813              | PASS    |
|           |           |                      |              |            | -10       | -6.78            | -0.00395              | PASS    |
|           |           |                      |              |            | 0         | -8.08            | -0.0047               | PASS    |
|           |           |                      |              |            | 10        | -10.16           | -0.00592              | PASS    |
|           |           |                      |              |            | 20        | -4.92            | -0.00286              | PASS    |
|           |           |                      |              |            | 30        | -7.58            | -0.00441              | PASS    |
|           |           |                      |              |            | 40        | -11.6            | -0.00675              | PASS    |
|           |           |                      |              |            | 50        | -12.32           | -0.00717              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -0.76            | -0.00044              | PASS    |
|           |           |                      |              |            | -20       | 0.87             | 0.0005                | PASS    |
|           |           |                      |              |            | -10       | -4.29            | -0.00248              | PASS    |
|           |           |                      |              |            | 0         | 4.61             | 0.00266               | PASS    |
|           |           |                      |              |            | 10        | -0.72            | -0.00042              | PASS    |
|           |           |                      |              |            | 20        | 0.14             | 0.00008               | PASS    |
|           |           |                      |              |            | 30        | -4.59            | -0.00265              | PASS    |
|           |           |                      |              |            | 40        | 2.17             | 0.00125               | PASS    |
|           |           |                      |              |            | 50        | -6.62            | -0.00382              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -37.29           | -0.02134              | PASS    |
|           |           |                      |              |            | -20       | -17.14           | -0.00981              | PASS    |
|           |           |                      |              |            | -10       | -18.37           | -0.01051              | PASS    |
|           |           |                      |              |            | 0         | 13               | 0.00744               | PASS    |
|           |           |                      |              |            | 10        | -35.45           | -0.02029              | PASS    |
|           |           |                      |              |            | 20        | 4.26             | 0.00244               | PASS    |
|           |           |                      |              |            | 30        | 25.78            | 0.01475               | PASS    |
|           |           |                      |              |            | 40        | -8.58            | -0.00491              | PASS    |
|           |           |                      |              |            | 50        | 8.01             | 0.00458               | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -11.32           | -0.00658              | PASS    |
|           |           |                      |              |            | -20       | -13.03           | -0.00758              | PASS    |
|           |           |                      |              |            | -10       | -6.65            | -0.00387              | PASS    |
|           |           |                      |              |            | 0         | -2.4             | -0.0014               | PASS    |
|           |           |                      |              |            | 10        | -7               | -0.00407              | PASS    |
|           |           |                      |              |            | 20        | -7.88            | -0.00458              | PASS    |
|           |           |                      |              |            | 30        | -17.21           | -0.01001              | PASS    |
|           |           |                      |              |            | 40        | 0.7              | 0.00041               | PASS    |
|           |           |                      |              |            | 50        | -6.77            | -0.00394              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -8.77            | -0.00506              | PASS    |
|           |           |                      |              |            | -20       | -6.41            | -0.0037               | PASS    |
|           |           |                      |              |            | -10       | -7.78            | -0.00449              | PASS    |
|           |           |                      |              |            | 0         | -1.5             | -0.00087              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10        | -7.2             | -0.00416              | PASS    |
|           |           |                      |              |            | 20        | -9.07            | -0.00524              | PASS    |
|           |           |                      |              |            | 30        | -3.35            | -0.00193              | PASS    |
|           |           |                      |              |            | 40        | -13.13           | -0.00758              | PASS    |
|           |           |                      |              |            | 50        | -8.71            | -0.00503              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -14              | -0.00802              | PASS    |
|           |           |                      |              |            | -20       | -11.03           | -0.00632              | PASS    |
|           |           |                      |              |            | -10       | -16.65           | -0.00954              | PASS    |
|           |           |                      |              |            | 0         | 0.53             | 0.0003                | PASS    |
|           |           |                      |              |            | 10        | -12.59           | -0.00721              | PASS    |
|           |           |                      |              |            | 20        | 1.16             | 0.00066               | PASS    |
|           |           |                      |              |            | 30        | 8.58             | 0.00492               | PASS    |
|           |           |                      |              |            | 40        | -5.04            | -0.00289              | PASS    |
|           |           |                      |              |            | 50        | 3.92             | 0.00225               | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | VN         | -30       | -1.1             | -0.00064              | PASS    |
|           |           |                      |              |            | -20       | -0.99            | -0.00058              | PASS    |
|           |           |                      |              |            | -10       | -2               | -0.00117              | PASS    |
|           |           |                      |              |            | 0         | 0.16             | 0.00009               | PASS    |
|           |           |                      |              |            | 10        | 1.02             | 0.0006                | PASS    |
|           |           |                      |              |            | 20        | 1.42             | 0.00083               | PASS    |
|           |           |                      |              |            | 30        | -0.82            | -0.00048              | PASS    |
|           |           |                      |              |            | 40        | -0.49            | -0.00029              | PASS    |
|           |           |                      |              |            | 50        | 2.12             | 0.00124               | PASS    |
|           |           |                      | MCH          | VN         | -30       | 2.12             | 0.00122               | PASS    |
|           |           |                      |              |            | -20       | -2.39            | -0.00138              | PASS    |
|           |           |                      |              |            | -10       | -0.93            | -0.00054              | PASS    |
|           |           |                      |              |            | 0         | -2.88            | -0.00166              | PASS    |
|           |           |                      |              |            | 10        | 0.09             | 0.00005               | PASS    |
|           |           |                      |              |            | 20        | -1.26            | -0.00073              | PASS    |
|           |           |                      |              |            | 30        | -1.4             | -0.00081              | PASS    |
|           |           |                      |              |            | 40        | 1.02             | 0.00059               | PASS    |
|           |           |                      |              |            | 50        | 0.26             | 0.00015               | PASS    |
|           |           |                      | HCH          | VN         | -30       | -1.54            | -0.00088              | PASS    |
|           |           |                      |              |            | -20       | 0.24             | 0.00014               | PASS    |
|           |           |                      |              |            | -10       | -0.19            | -0.00011              | PASS    |
|           |           |                      |              |            | 0         | -0.49            | -0.00028              | PASS    |
|           |           |                      |              |            | 10        | -0.53            | -0.0003               | PASS    |
|           |           |                      |              |            | 20        | 0.09             | 0.00005               | PASS    |
|           |           |                      |              |            | 30        | 0.51             | 0.00029               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40        | -1.07            | -0.00061              | PASS    |
|           |           |                      |              |            | 50        | 0.51             | 0.00029               | PASS    |
|           |           | 3                    | LCH          | VN         | -30       | -0.87            | -0.00051              | PASS    |
|           |           |                      |              |            | -20       | -27.27           | -0.01593              | PASS    |
|           |           |                      |              |            | -10       | -0.01            | -0.00001              | PASS    |
|           |           |                      |              |            | 0         | -0.23            | -0.00013              | PASS    |
|           |           |                      |              |            | 10        | 0.3              | 0.00018               | PASS    |
|           |           |                      |              |            | 20        | 0.46             | 0.00027               | PASS    |
|           |           |                      |              |            | 30        | -20.71           | -0.0121               | PASS    |
|           |           |                      |              |            | 40        | 1.17             | 0.00068               | PASS    |
|           |           |                      |              |            | 50        | -0.76            | -0.00044              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -31.31           | -0.01807              | PASS    |
|           |           |                      |              |            | -20       | -12              | -0.00693              | PASS    |
|           |           |                      |              |            | -10       | -9.6             | -0.00554              | PASS    |
|           |           |                      |              |            | 0         | -29.9            | -0.01726              | PASS    |
|           |           |                      |              |            | 10        | -24.73           | -0.01427              | PASS    |
|           |           |                      |              |            | 20        | 0.3              | 0.00017               | PASS    |
|           |           |                      |              |            | 30        | -0.43            | -0.00025              | PASS    |
|           |           |                      |              |            | 40        | -28.25           | -0.01631              | PASS    |
|           |           |                      |              |            | 50        | -8.67            | -0.005                | PASS    |
|           |           |                      | HCH          | VN         | -30       | -26.87           | -0.01532              | PASS    |
|           |           |                      |              |            | -20       | -26.72           | -0.01524              | PASS    |
|           |           |                      |              |            | -10       | -0.84            | -0.00048              | PASS    |
|           |           |                      |              |            | 0         | -33.87           | -0.01932              | PASS    |
|           |           |                      |              |            | 10        | -28.6            | -0.01631              | PASS    |
|           |           |                      |              |            | 20        | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 30        | -0.33            | -0.00019              | PASS    |
|           |           |                      |              |            | 40        | -14.46           | -0.00825              | PASS    |
|           |           |                      |              |            | 50        | -24.28           | -0.01385              | PASS    |
|           |           | 5                    | LCH          | VN         | -30       | -1.43            | -0.00084              | PASS    |
|           |           |                      |              |            | -20       | 0.06             | 0.00004               | PASS    |
|           |           |                      |              |            | -10       | 0.67             | 0.00039               | PASS    |
|           |           |                      |              |            | 0         | -0.34            | -0.0002               | PASS    |
|           |           |                      |              |            | 10        | -0.17            | -0.0001               | PASS    |
|           |           |                      |              |            | 20        | 0.26             | 0.00015               | PASS    |
|           |           |                      |              |            | 30        | -0.6             | -0.00035              | PASS    |
|           |           |                      |              |            | 40        | -0.26            | -0.00015              | PASS    |
|           |           |                      |              |            | 50        | 0.21             | 0.00012               | PASS    |
|           |           |                      | MCH          | VN         | -30       | -0.57            | -0.00033              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -20       | 0.2              | 0.00012               | PASS    |
|           |           |                      |              |            | -10       | 0.11             | 0.00006               | PASS    |
|           |           |                      |              |            | 0         | 0.51             | 0.00029               | PASS    |
|           |           |                      |              |            | 10        | 0.82             | 0.00047               | PASS    |
|           |           |                      |              |            | 20        | 0.19             | 0.00011               | PASS    |
|           |           |                      |              |            | 30        | 0.79             | 0.00046               | PASS    |
|           |           |                      |              |            | 40        | -0.4             | -0.00023              | PASS    |
|           |           |                      |              |            | 50        | 0.31             | 0.00018               | PASS    |
|           |           |                      | HCH          | VN         | -30       | -1.73            | -0.00099              | PASS    |
|           |           |                      |              |            | -20       | -0.72            | -0.00041              | PASS    |
|           |           |                      |              |            | -10       | -1.37            | -0.00078              | PASS    |
|           |           |                      |              |            | 0         | -1.24            | -0.00071              | PASS    |
|           |           |                      |              |            | 10        | -1.44            | -0.00082              | PASS    |
|           |           |                      |              |            | 20        | -0.97            | -0.00055              | PASS    |
|           |           |                      |              |            | 30        | -1.5             | -0.00086              | PASS    |
|           |           |                      |              |            | 40        | -0.4             | -0.00023              | PASS    |
|           |           |                      |              |            | 50        | -0.66            | -0.00038              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -12.56           | -0.00732              | PASS    |
|           |           |                      |              |            | -20       | -8.47            | -0.00494              | PASS    |
|           |           |                      |              |            | -10       | -8.93            | -0.00521              | PASS    |
|           |           |                      |              |            | 0         | -14.63           | -0.00853              | PASS    |
|           |           |                      |              |            | 10        | -1.4             | -0.00082              | PASS    |
|           |           |                      |              |            | 20        | -14.42           | -0.00841              | PASS    |
|           |           |                      |              |            | 30        | -7.98            | -0.00465              | PASS    |
|           |           |                      |              |            | 40        | 1.53             | 0.00089               | PASS    |
|           |           |                      |              |            | 50        | -2.5             | -0.00146              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -5.95            | -0.00343              | PASS    |
|           |           |                      |              |            | -20       | -15.86           | -0.00915              | PASS    |
|           |           |                      |              |            | -10       | -8               | -0.00462              | PASS    |
|           |           |                      |              |            | 0         | 3.49             | 0.00201               | PASS    |
|           |           |                      |              |            | 10        | 4.59             | 0.00265               | PASS    |
|           |           |                      |              |            | 20        | -5.36            | -0.00309              | PASS    |
|           |           |                      |              |            | 30        | -1.23            | -0.00071              | PASS    |
|           |           |                      |              |            | 40        | -18.87           | -0.01089              | PASS    |
|           |           |                      |              |            | 50        | -9.28            | -0.00536              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -16.75           | -0.00957              | PASS    |
|           |           |                      |              |            | -20       | -2.56            | -0.00146              | PASS    |
|           |           |                      |              |            | -10       | 0.19             | 0.00011               | PASS    |
|           |           |                      |              |            | 0         | -6.39            | -0.00365              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10        | -9.77            | -0.00558              | PASS    |
|           |           |                      |              |            | 20        | -0.1             | -0.00006              | PASS    |
|           |           |                      |              |            | 30        | -7.78            | -0.00445              | PASS    |
|           |           |                      |              |            | 40        | -3.55            | -0.00203              | PASS    |
|           |           |                      |              |            | 50        | -4.94            | -0.00282              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -5.94            | -0.00346              | PASS    |
|           |           |                      |              |            | -20       | -6.17            | -0.00359              | PASS    |
|           |           |                      |              |            | -10       | -12.06           | -0.00702              | PASS    |
|           |           |                      |              |            | 0         | -5.68            | -0.00331              | PASS    |
|           |           |                      |              |            | 10        | -3.63            | -0.00211              | PASS    |
|           |           |                      |              |            | 20        | -3.39            | -0.00197              | PASS    |
|           |           |                      |              |            | 30        | -8.73            | -0.00508              | PASS    |
|           |           |                      |              |            | 40        | -0.54            | -0.00031              | PASS    |
|           |           |                      |              |            | 50        | -6.15            | -0.00358              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -7.4             | -0.00427              | PASS    |
|           |           |                      |              |            | -20       | -1.99            | -0.00115              | PASS    |
|           |           |                      |              |            | -10       | -9.97            | -0.00575              | PASS    |
|           |           |                      |              |            | 0         | -13.95           | -0.00805              | PASS    |
|           |           |                      |              |            | 10        | -11.73           | -0.00677              | PASS    |
|           |           |                      |              |            | 20        | -1.7             | -0.00098              | PASS    |
|           |           |                      |              |            | 30        | -6.17            | -0.00356              | PASS    |
|           |           |                      |              |            | 40        | -9.24            | -0.00533              | PASS    |
|           |           |                      |              |            | 50        | -7.14            | -0.00412              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -3.75            | -0.00215              | PASS    |
|           |           |                      |              |            | -20       | -20.91           | -0.01197              | PASS    |
|           |           |                      |              |            | -10       | -13.78           | -0.00789              | PASS    |
|           |           |                      |              |            | 0         | -13.28           | -0.0076               | PASS    |
|           |           |                      |              |            | 10        | -30.08           | -0.01721              | PASS    |
|           |           |                      |              |            | 20        | -9.87            | -0.00565              | PASS    |
|           |           |                      |              |            | 30        | -0.69            | -0.00039              | PASS    |
|           |           |                      |              |            | 40        | -18.53           | -0.0106               | PASS    |
|           |           |                      |              |            | 50        | 6.01             | 0.00344               | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -15.08           | -0.00877              | PASS    |
|           |           |                      |              |            | -20       | -7.31            | -0.00425              | PASS    |
|           |           |                      |              |            | -10       | -9.6             | -0.00558              | PASS    |
|           |           |                      |              |            | 0         | -8.1             | -0.00471              | PASS    |
|           |           |                      |              |            | 10        | -3.43            | -0.00199              | PASS    |
|           |           |                      |              |            | 20        | -8.94            | -0.0052               | PASS    |
|           |           |                      |              |            | 30        | -4.95            | -0.00288              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Tem. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40        | -5.02            | -0.00292              | PASS    |
|           |           |                      |              |            | 50        | -12.62           | -0.00734              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -6.68            | -0.00386              | PASS    |
|           |           |                      |              |            | -20       | -6.27            | -0.00362              | PASS    |
|           |           |                      |              |            | -10       | -2.96            | -0.00171              | PASS    |
|           |           |                      |              |            | 0         | -11.92           | -0.00688              | PASS    |
|           |           |                      |              |            | 10        | -6.09            | -0.00352              | PASS    |
|           |           |                      |              |            | 20        | 4.26             | 0.00246               | PASS    |
|           |           |                      |              |            | 30        | -4.38            | -0.00253              | PASS    |
|           |           |                      |              |            | 40        | -4.92            | -0.00284              | PASS    |
|           |           |                      |              |            | 50        | -2.73            | -0.00158              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -18.12           | -0.01038              | PASS    |
|           |           |                      |              |            | -20       | -5.15            | -0.00295              | PASS    |
|           |           |                      |              |            | -10       | -14.2            | -0.00814              | PASS    |
|           |           |                      |              |            | 0         | -11.42           | -0.00654              | PASS    |
|           |           |                      |              |            | 10        | -8.31            | -0.00476              | PASS    |
|           |           |                      |              |            | 20        | -10.21           | -0.00585              | PASS    |
|           |           |                      |              |            | 30        | -20.79           | -0.01191              | PASS    |
|           |           |                      |              |            | 40        | -7.87            | -0.00451              | PASS    |
|           |           |                      |              |            | 50        | -8.57            | -0.00491              | PASS    |

END