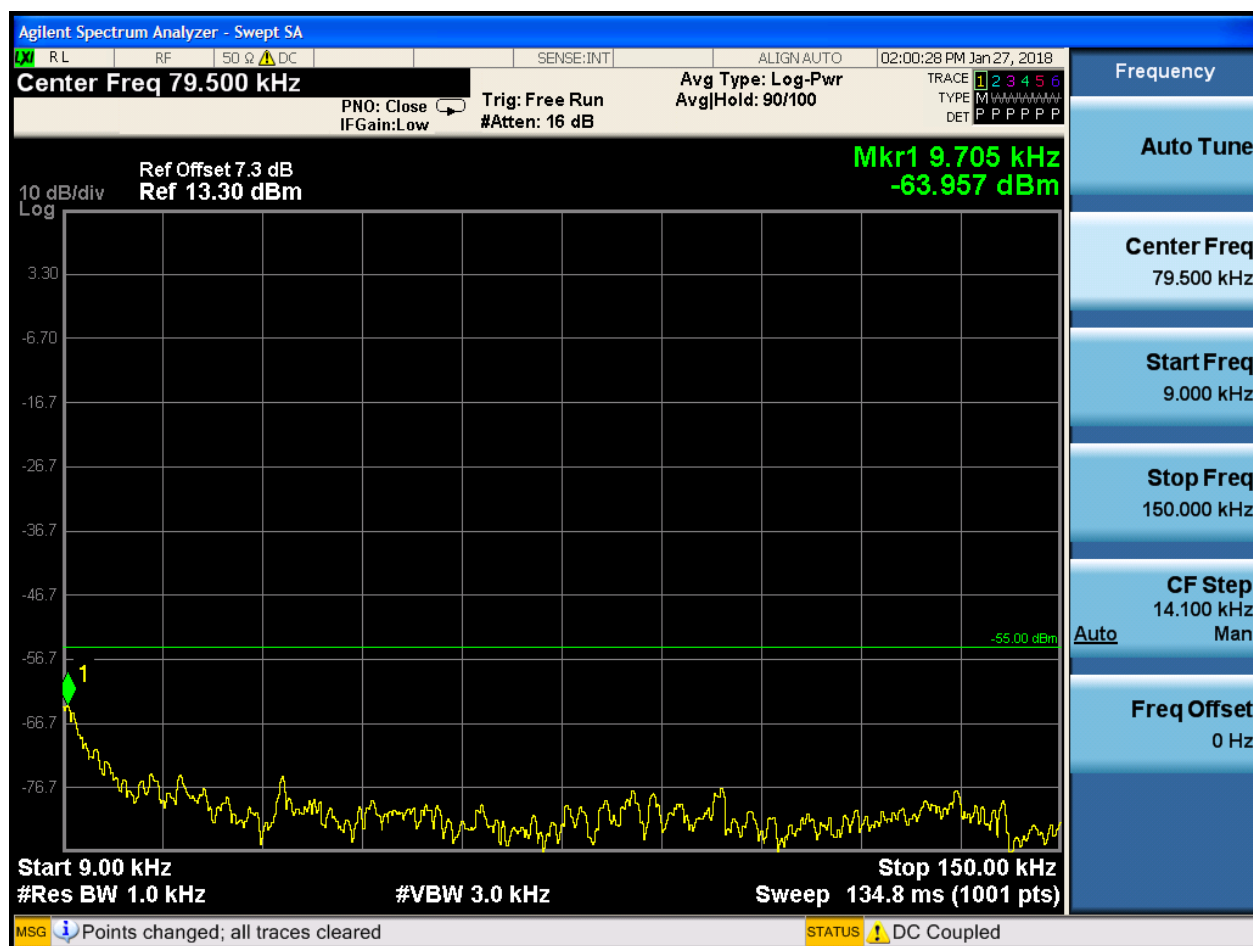
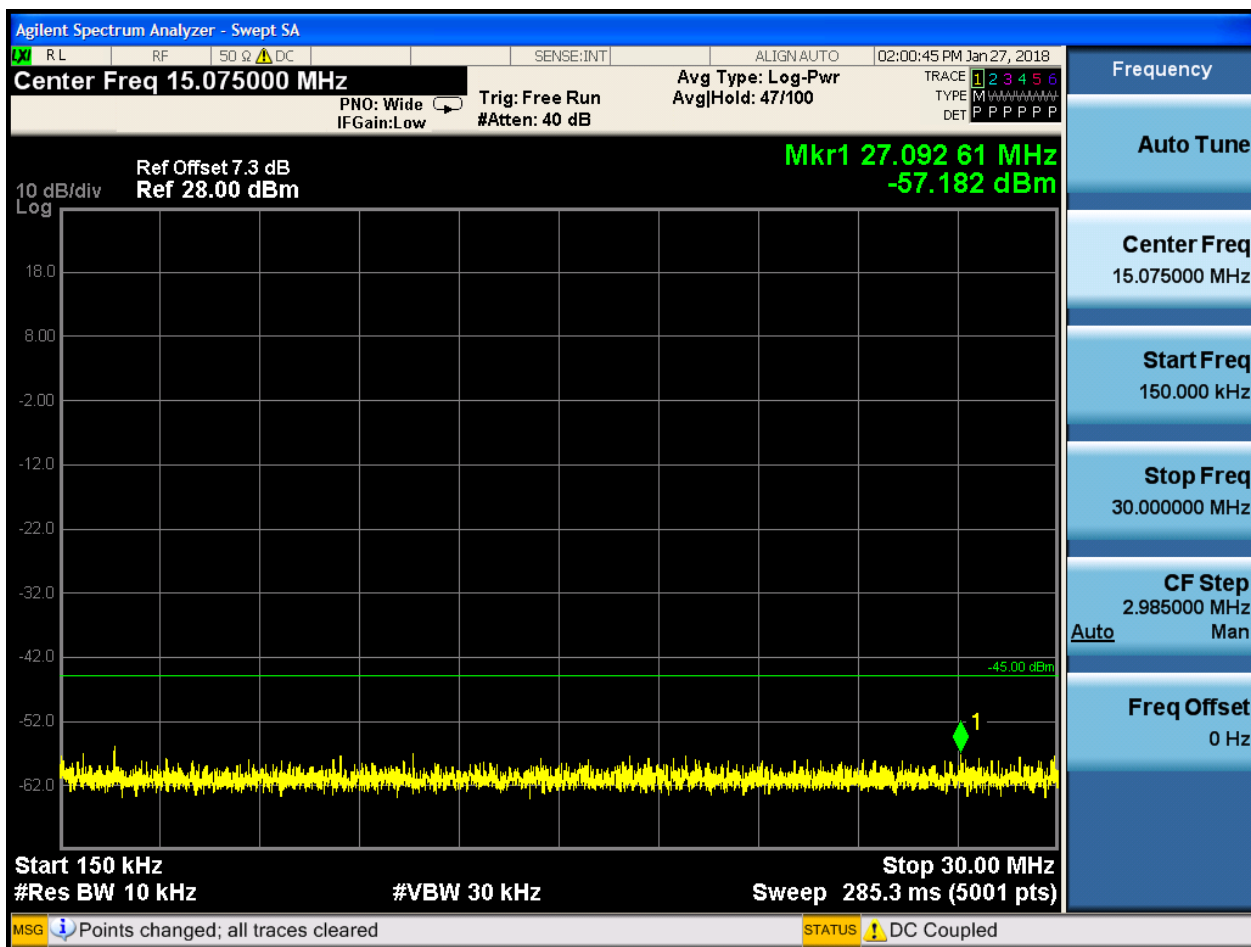
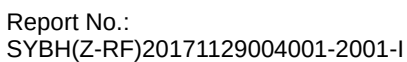


#### 6.1.1.1.3.2 Test Channel = MCH

#### 6.1.1.1.3.2.1 Test RB = RB1#0

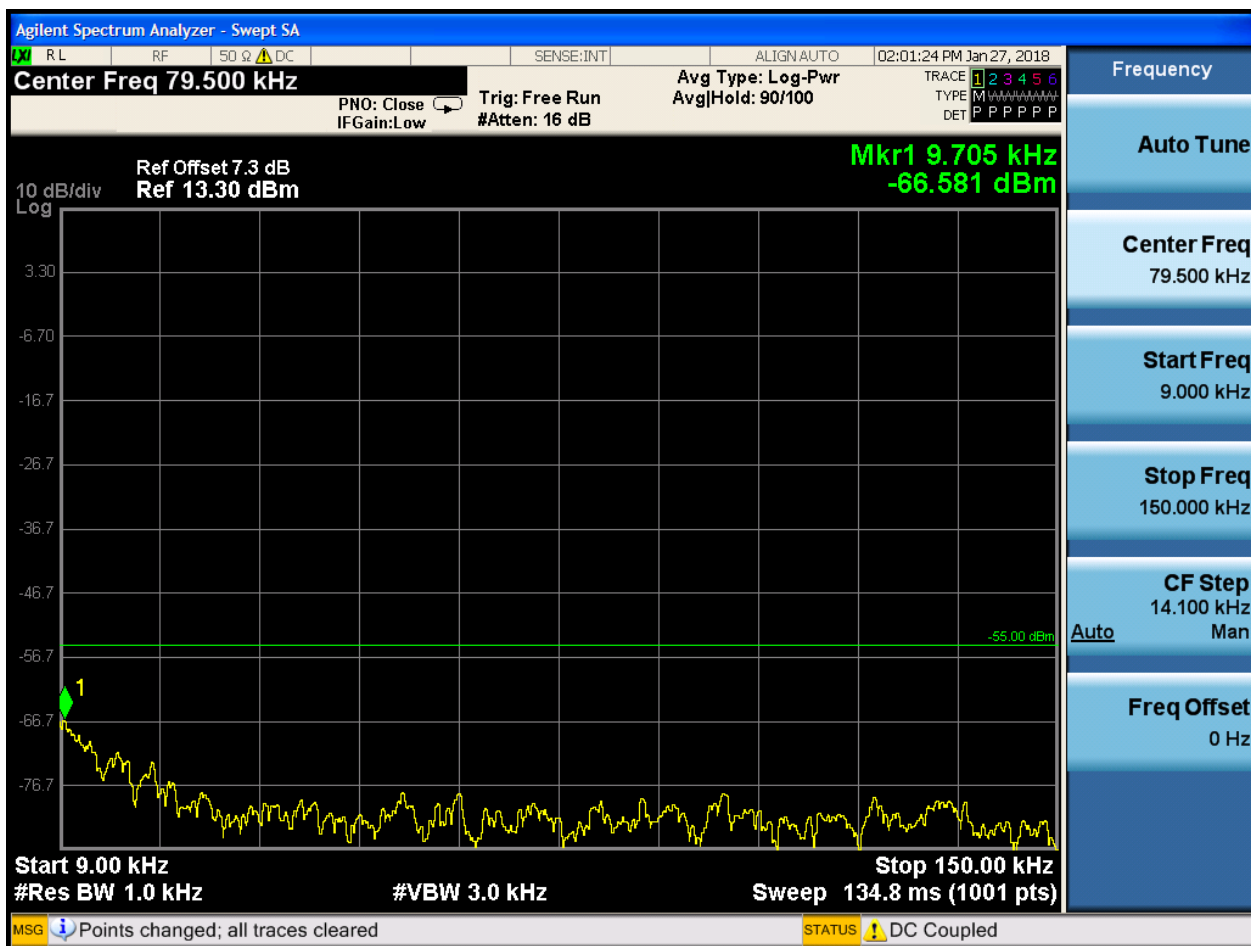


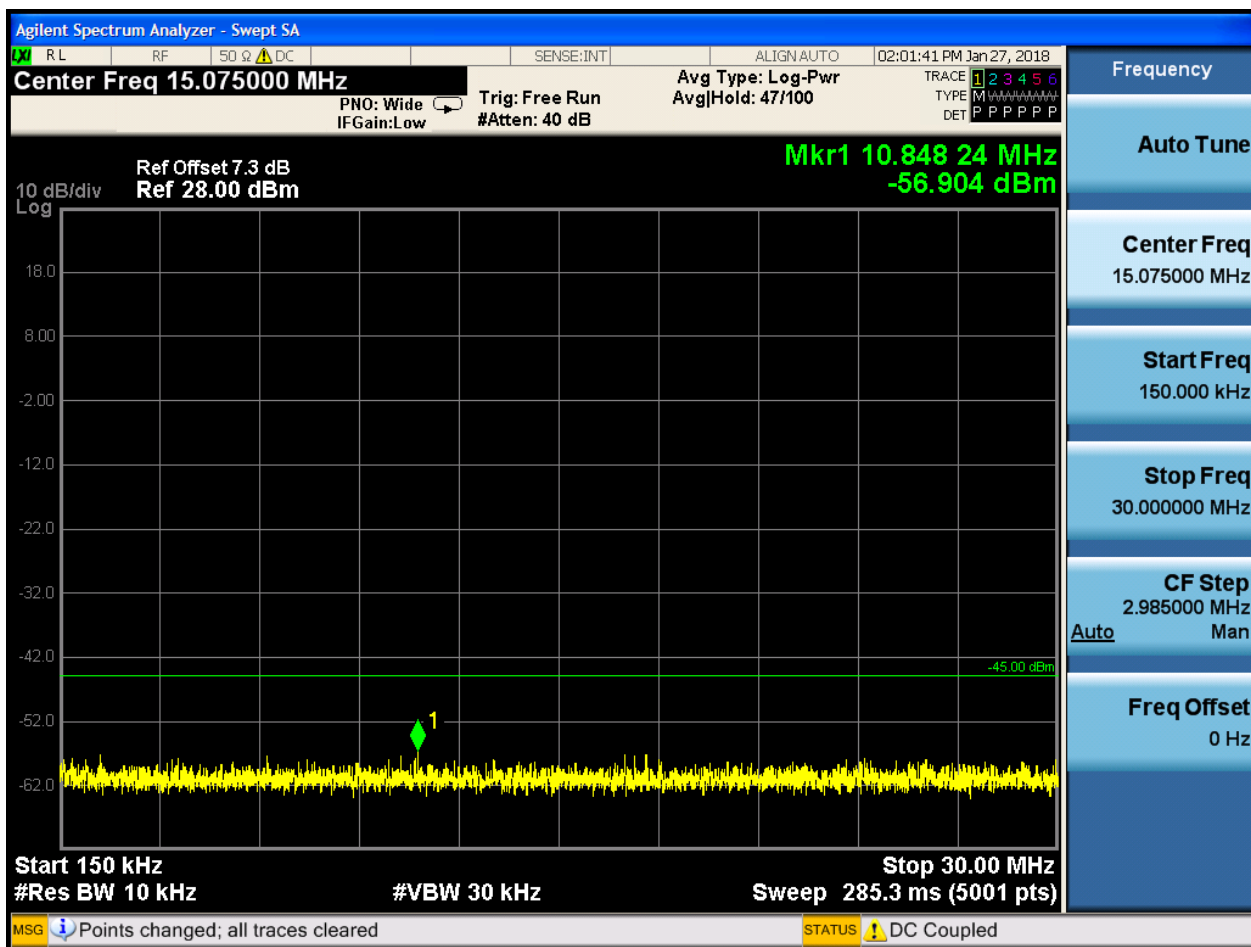


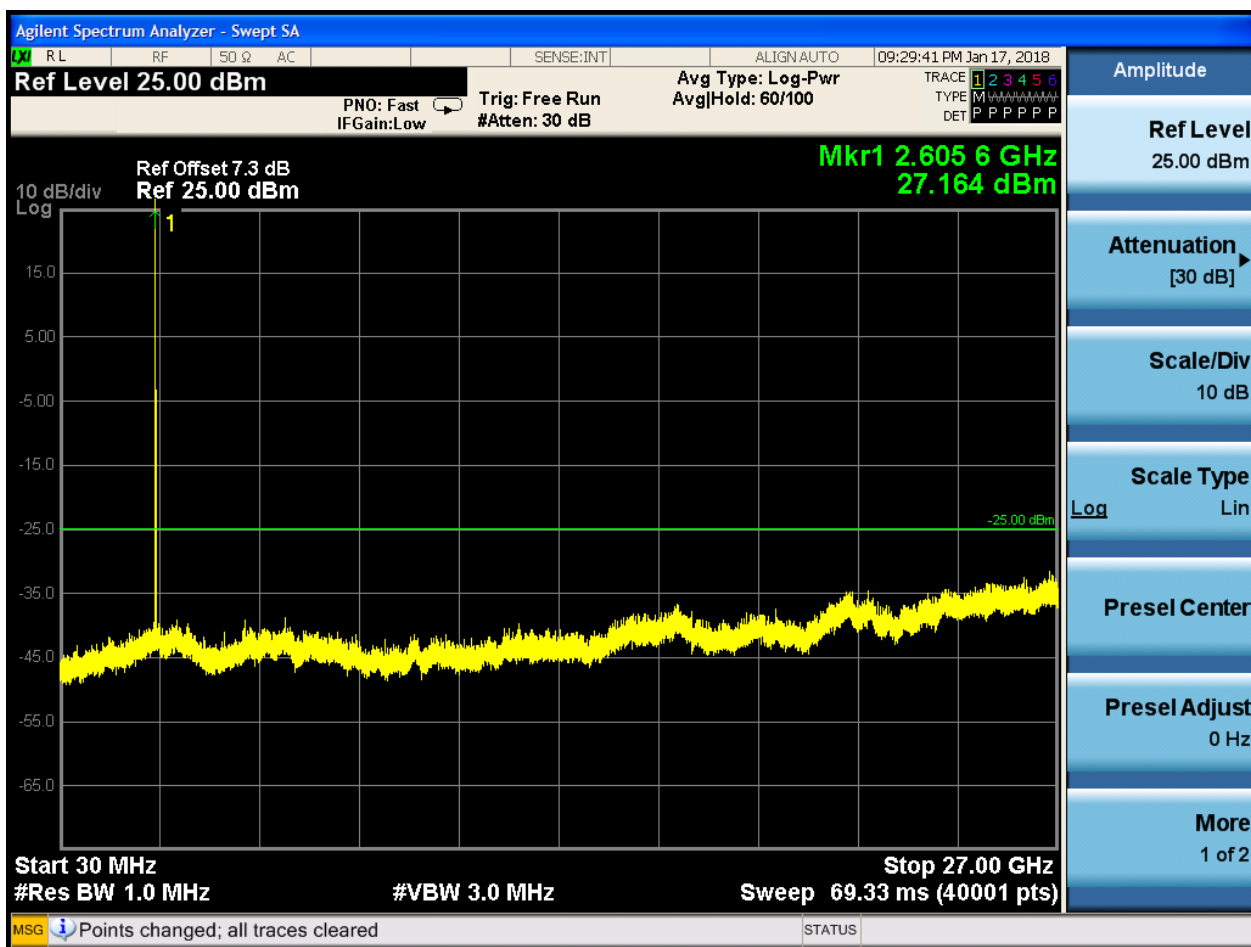


### 6.1.1.1.3.3 Test Channel = HCH

#### 6.1.1.1.3.3.1 Test RB = RB1#0



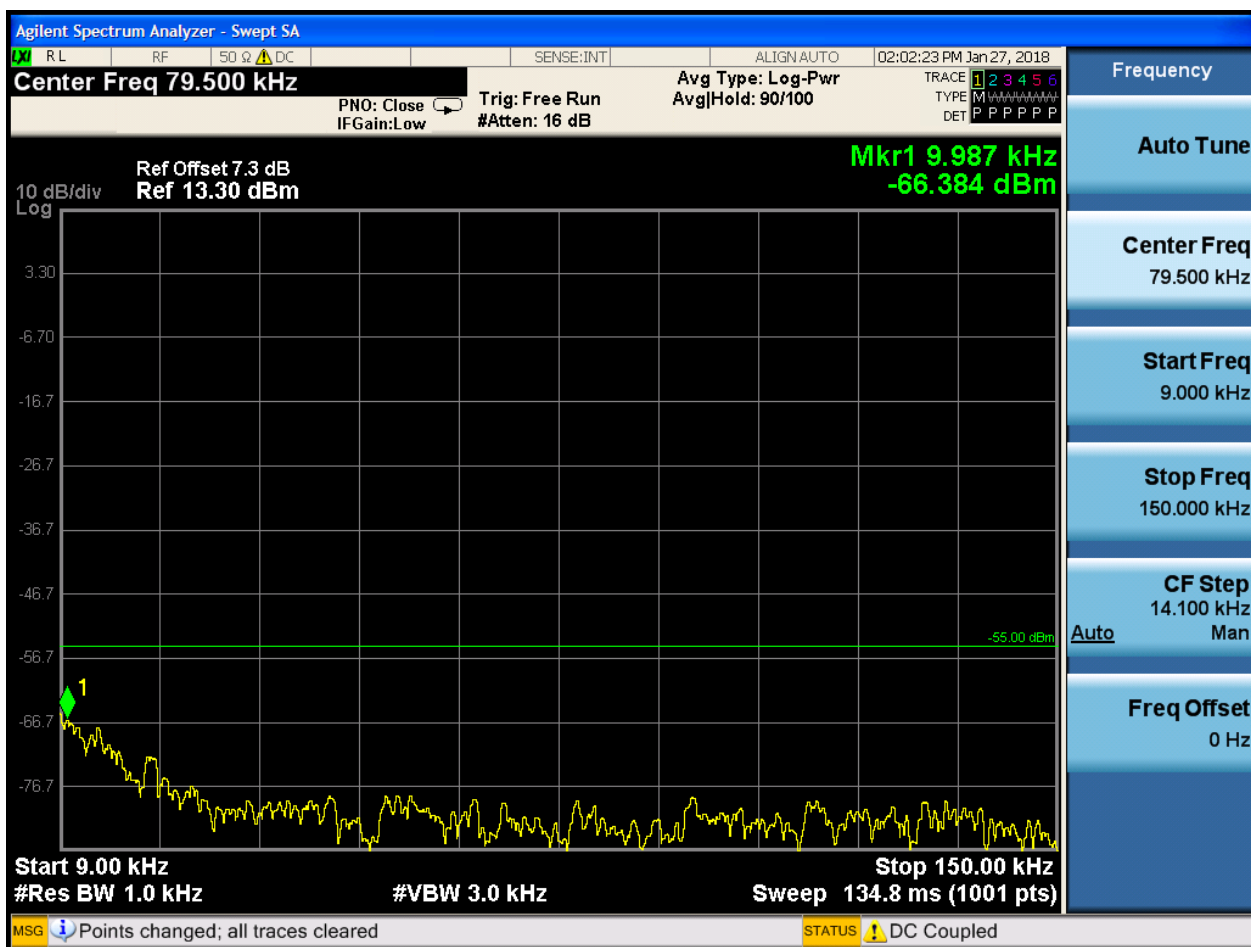


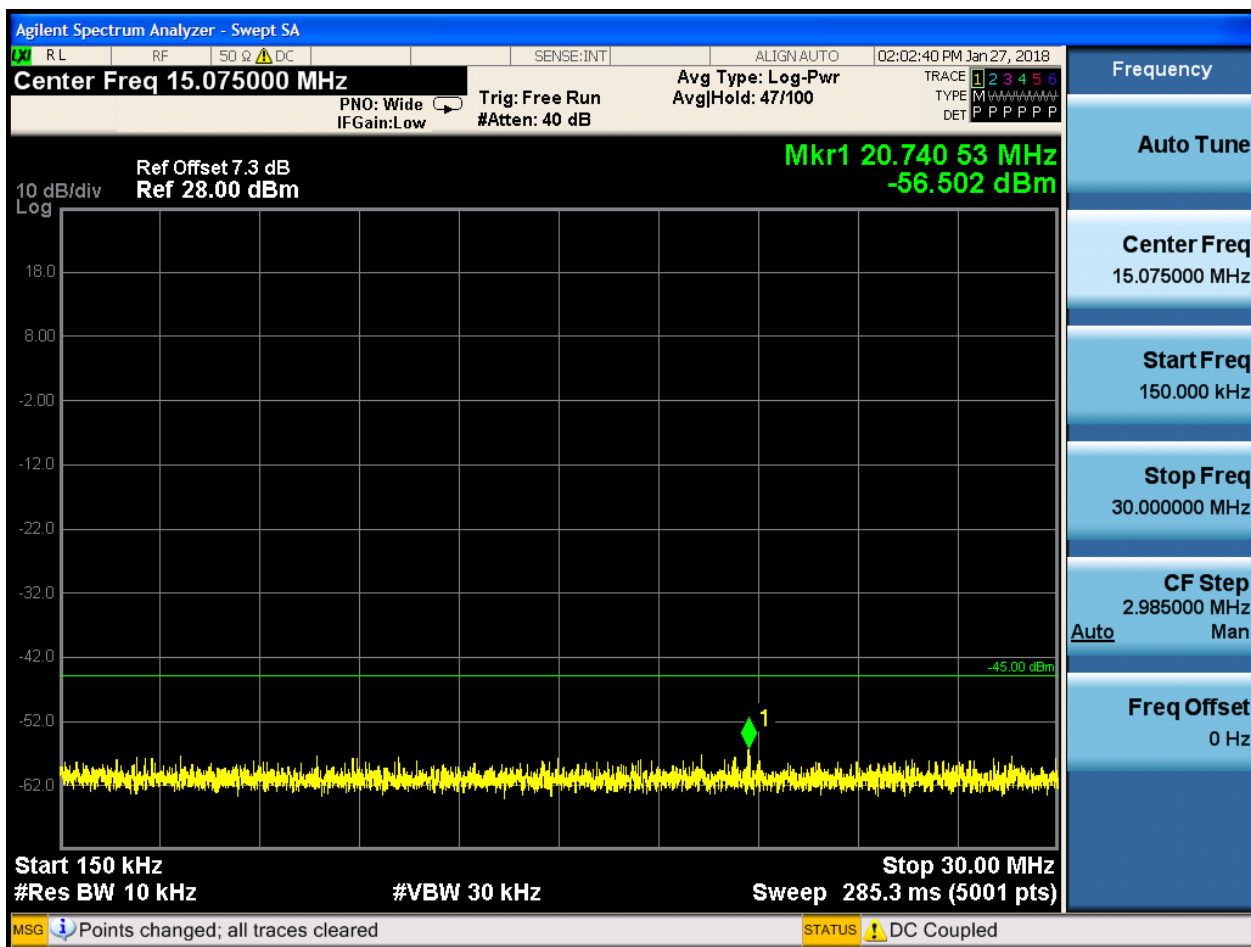


#### 6.1.1.1.4 Test Bandwidth = 20

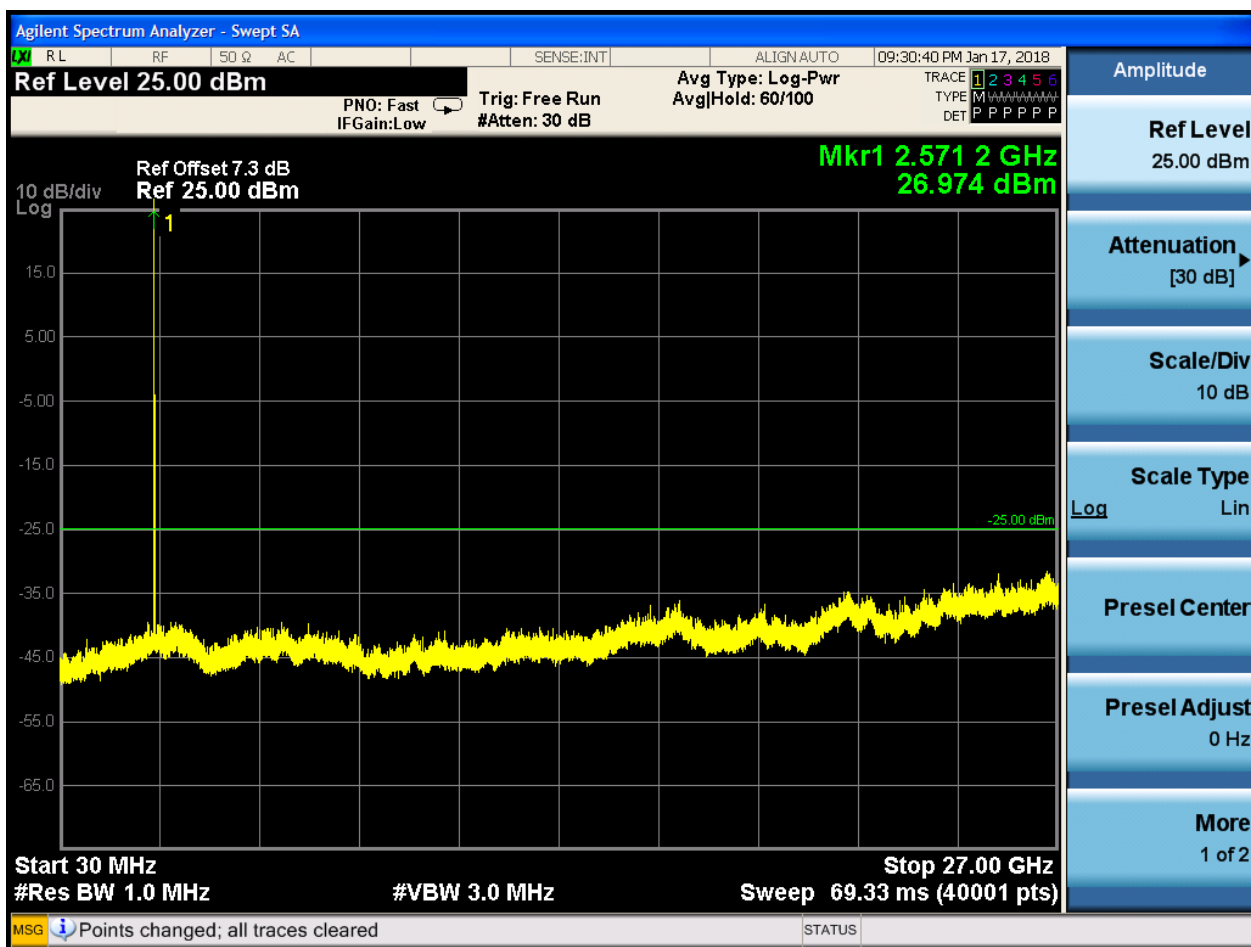
##### 6.1.1.1.4.1 Test Channel = LCH

##### 6.1.1.1.4.1.1 Test RB = RB1#0



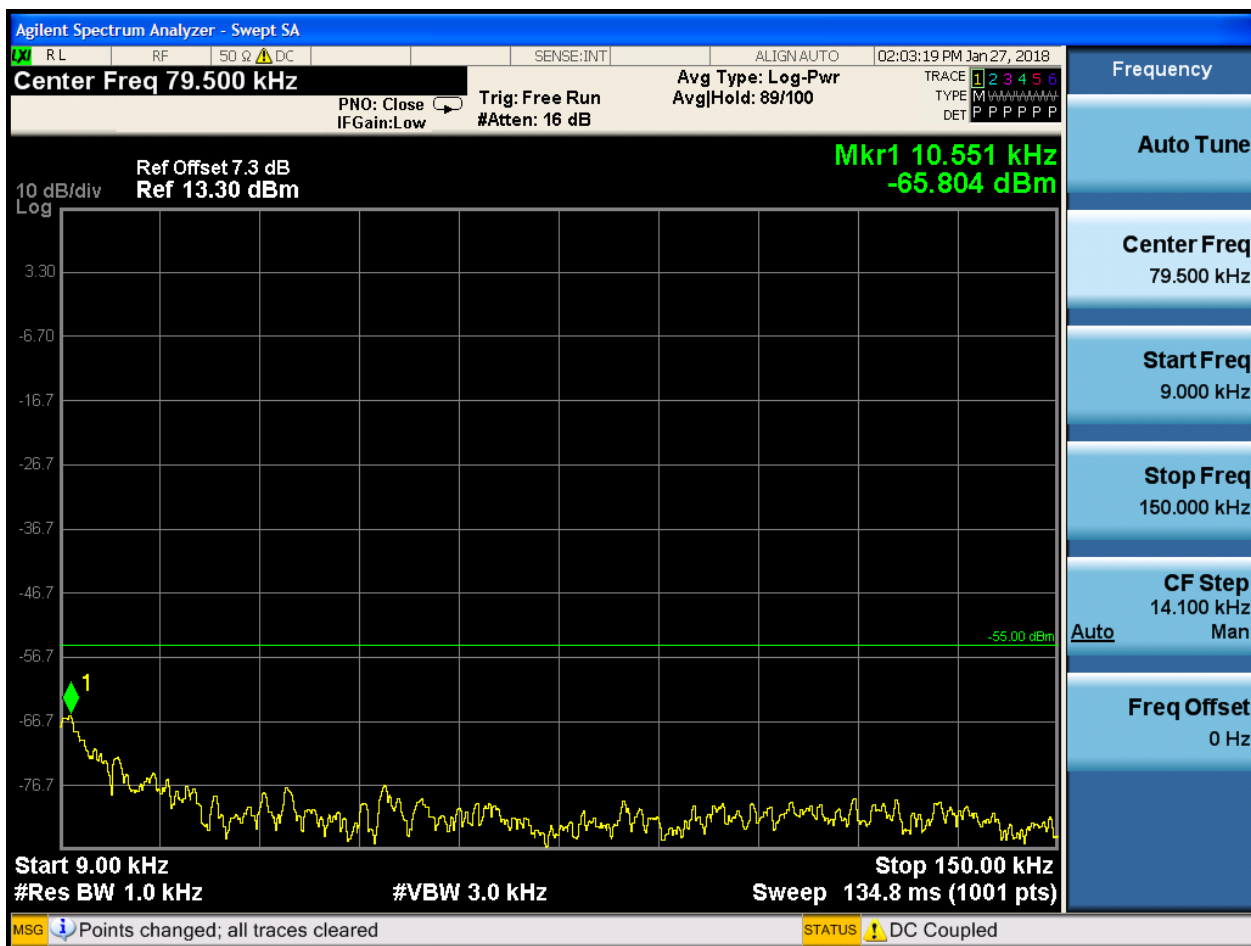


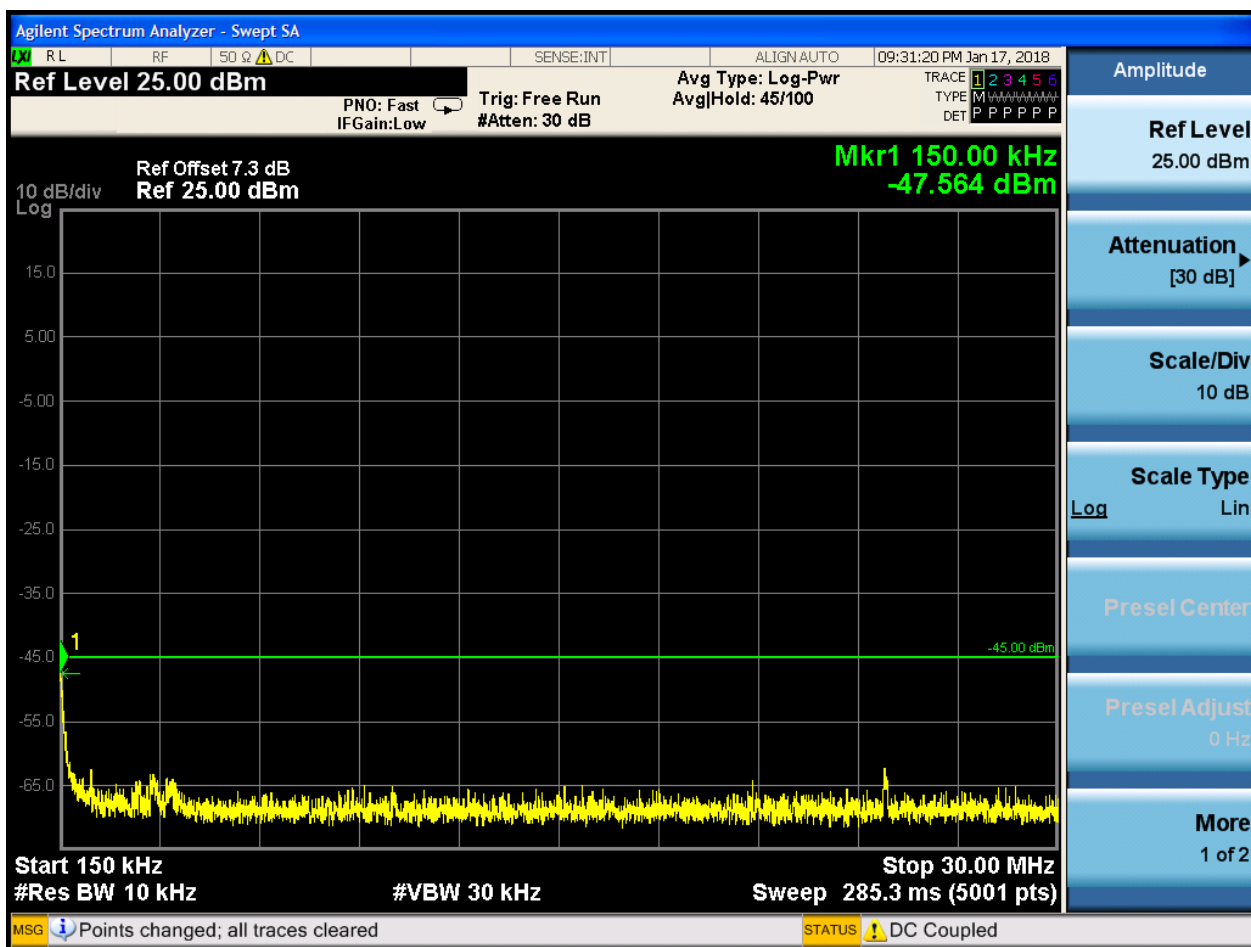


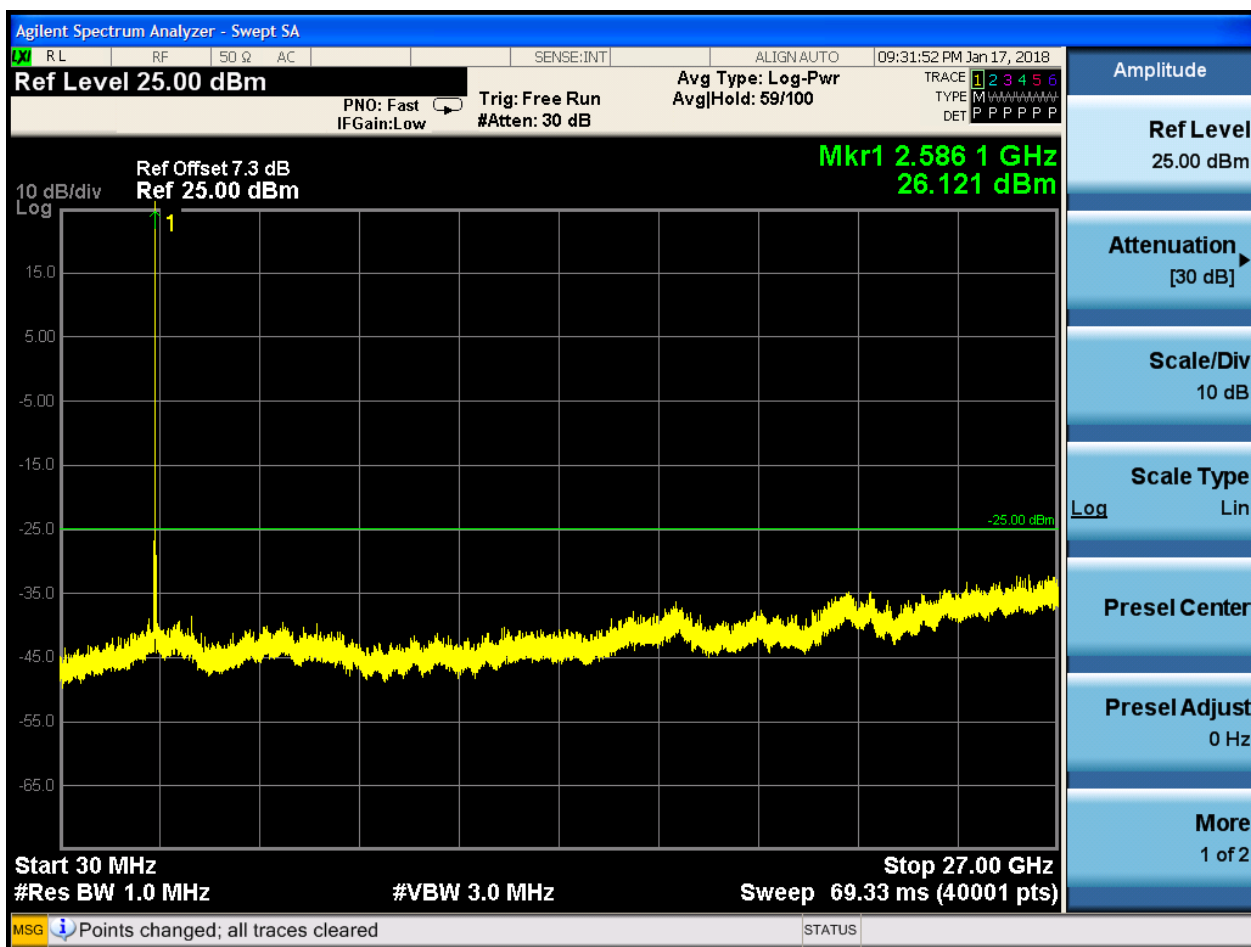


### 6.1.1.1.4.2 Test Channel = MCH

#### 6.1.1.1.4.2.1 Test RB = RB1#0

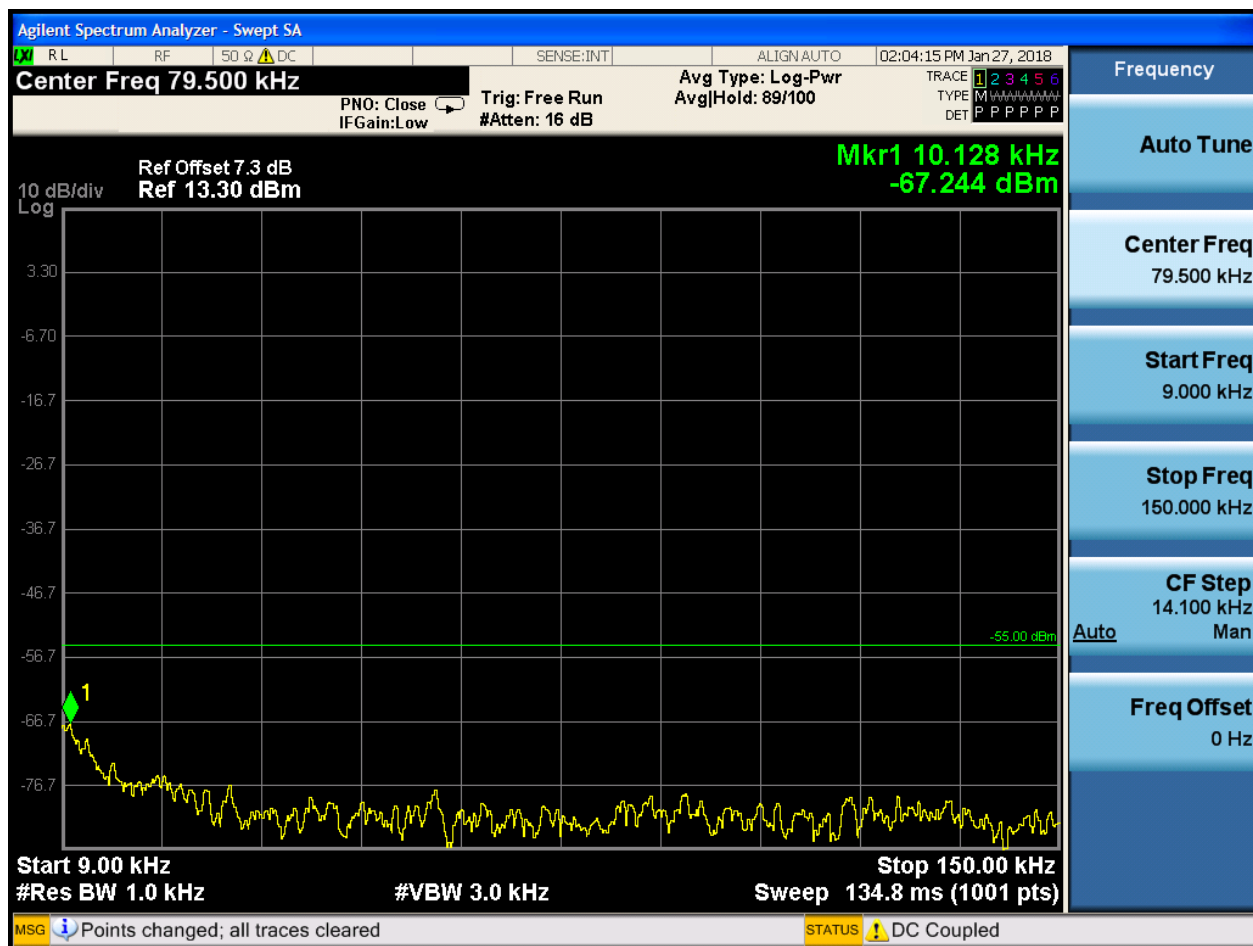


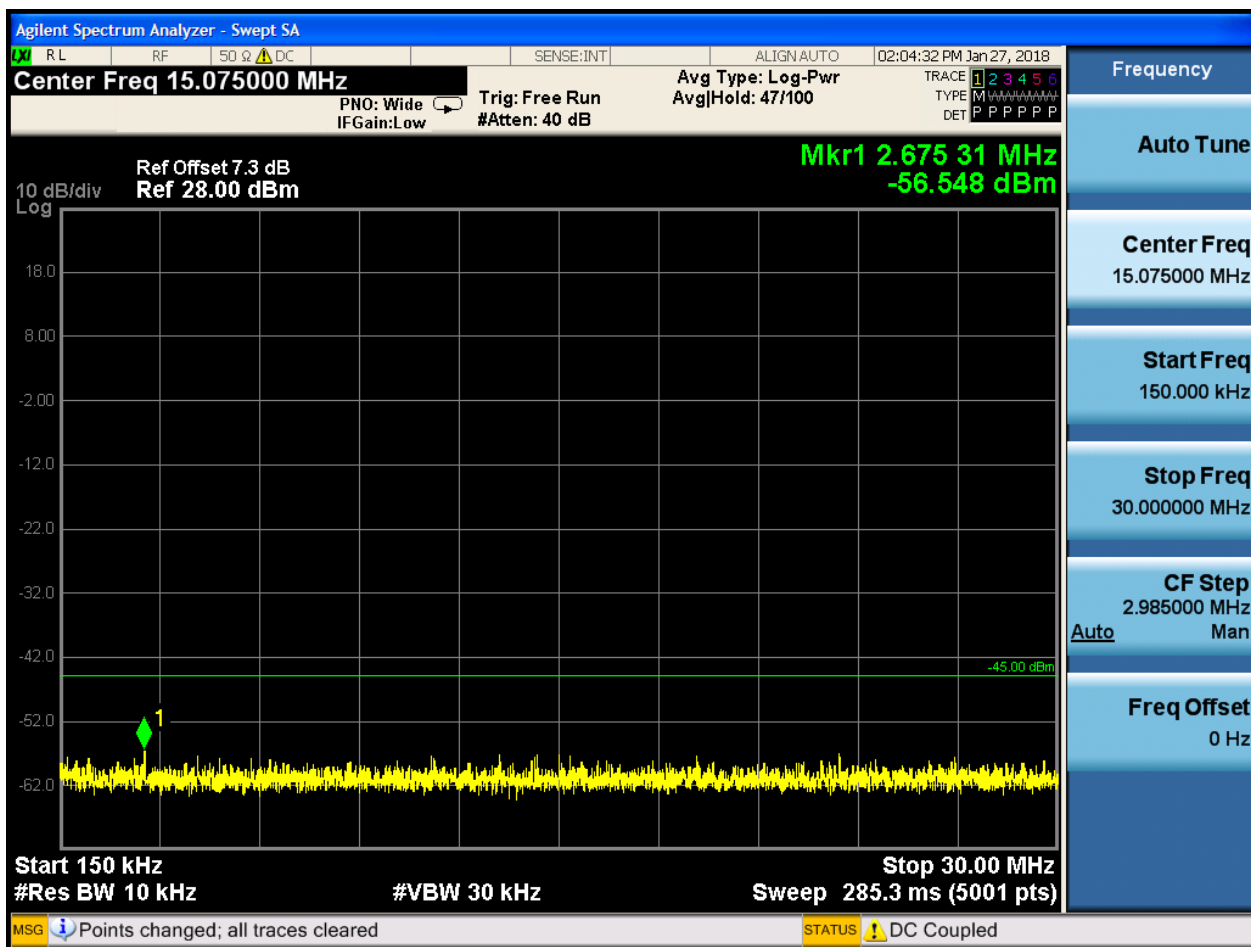


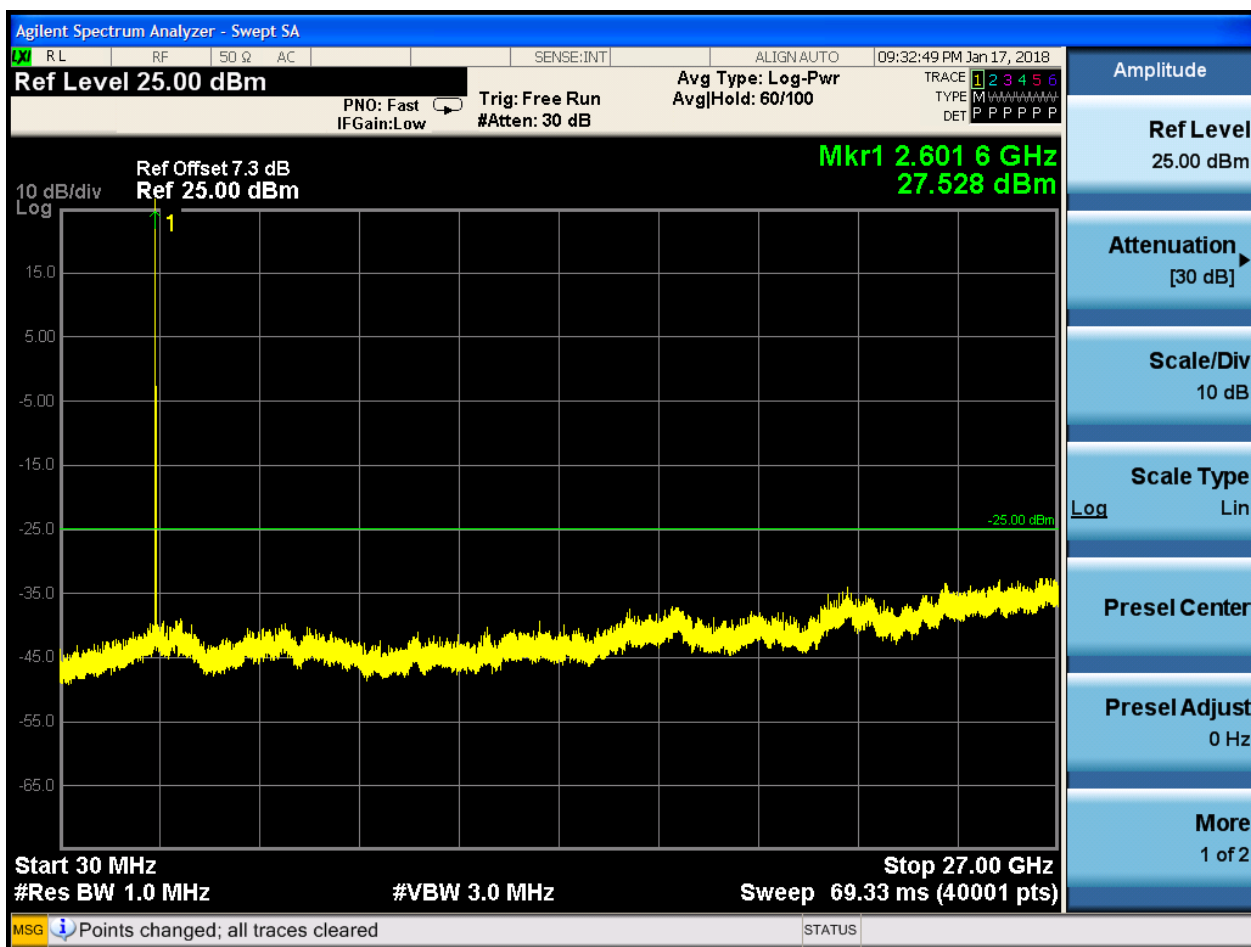


#### 6.1.1.1.4.3 Test Channel = HCH

#### 6.1.1.1.4.3.1 Test RB = RB1#0





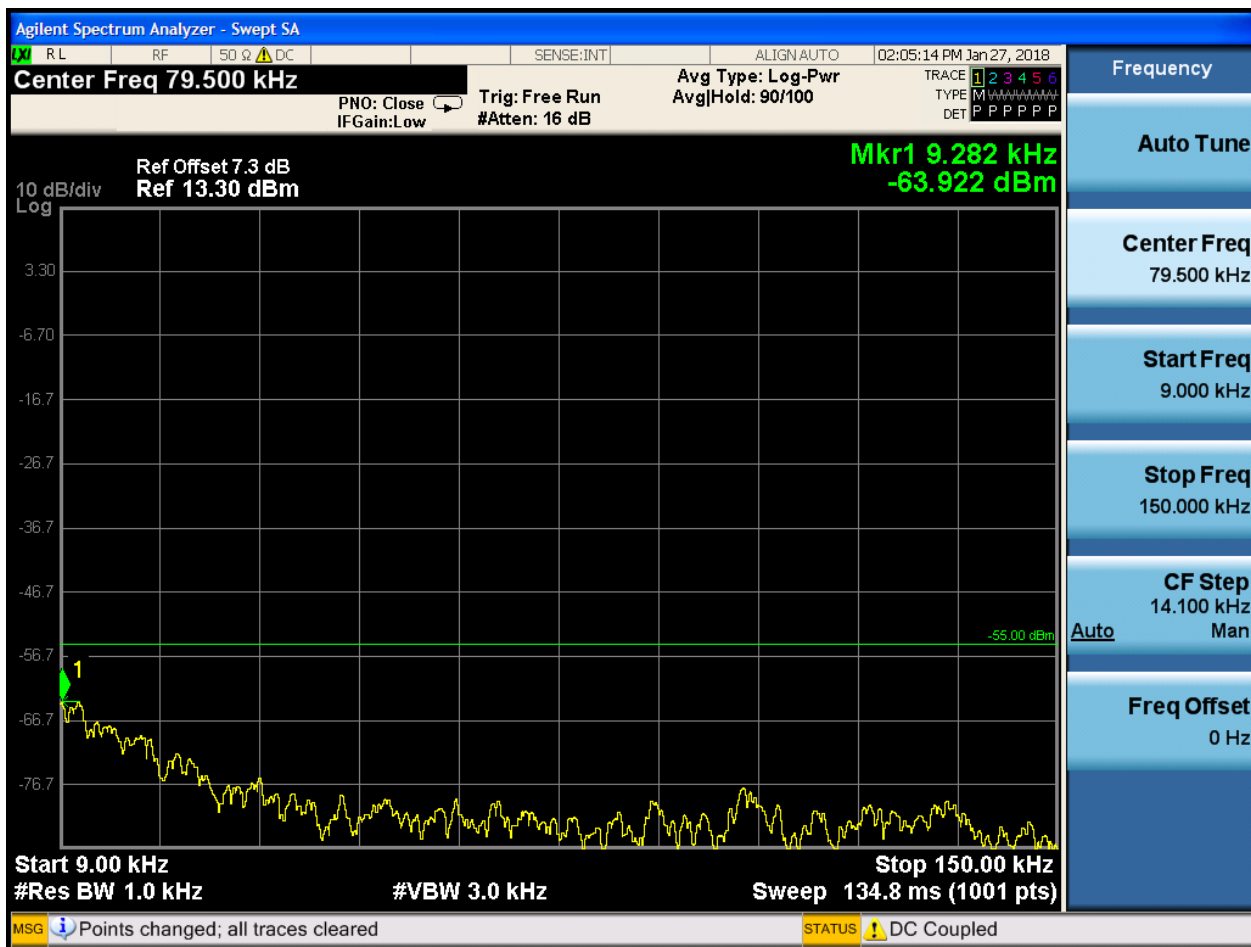


### 6.1.1.2 Test Mode = LTE/TM2

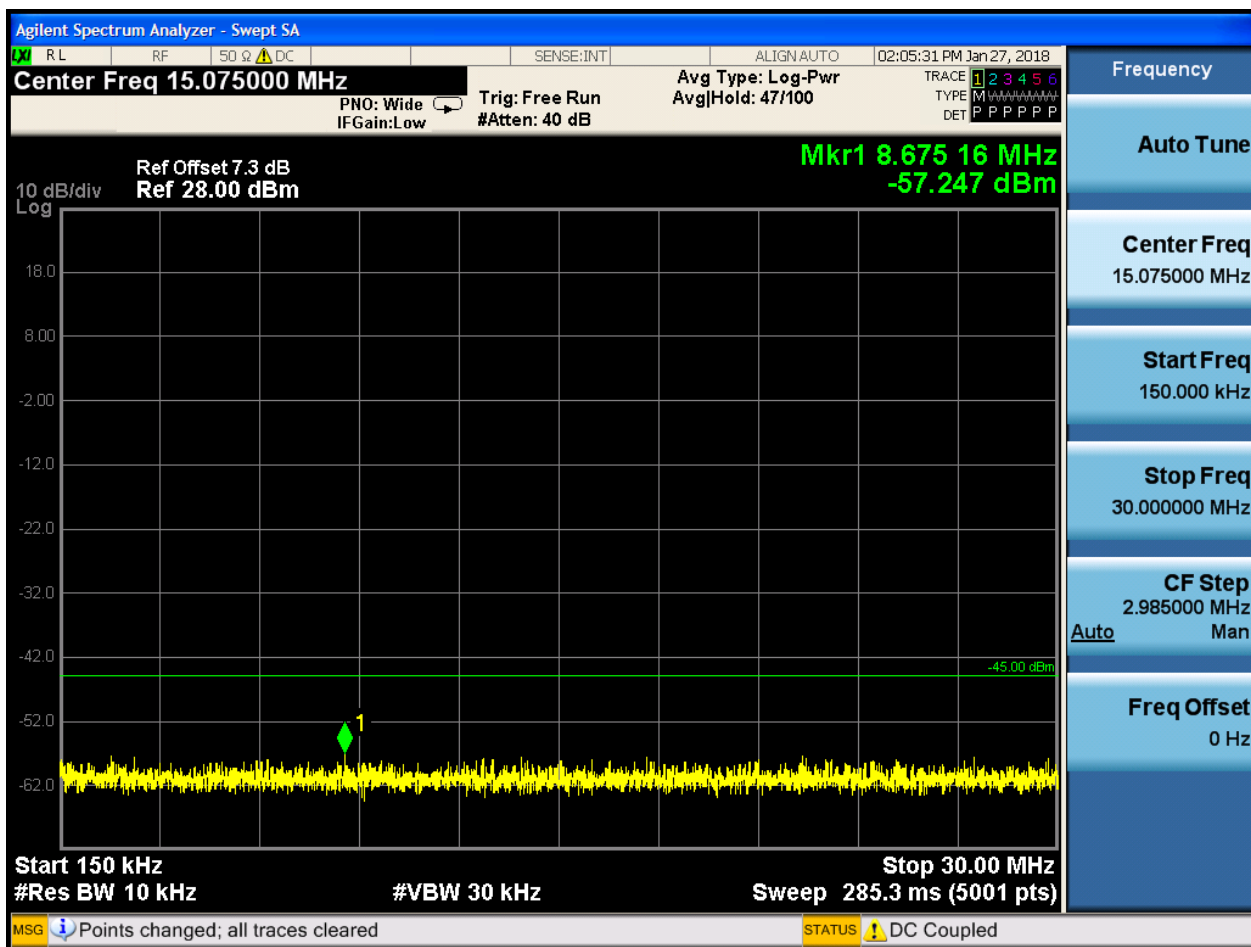
#### 6.1.1.2.1 Test Bandwidth = 5

##### 6.1.1.2.1.1 Test Channel = LCH

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



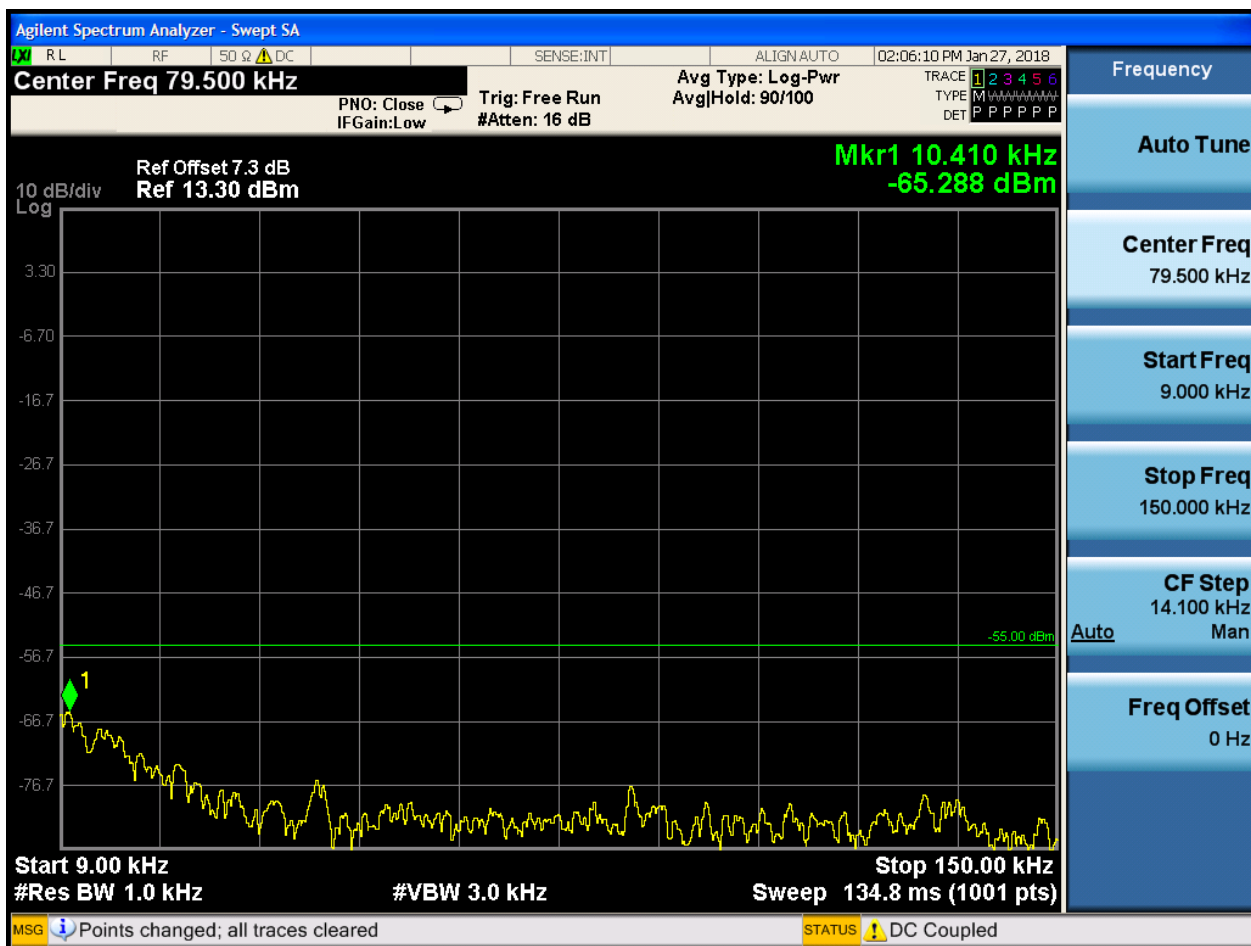


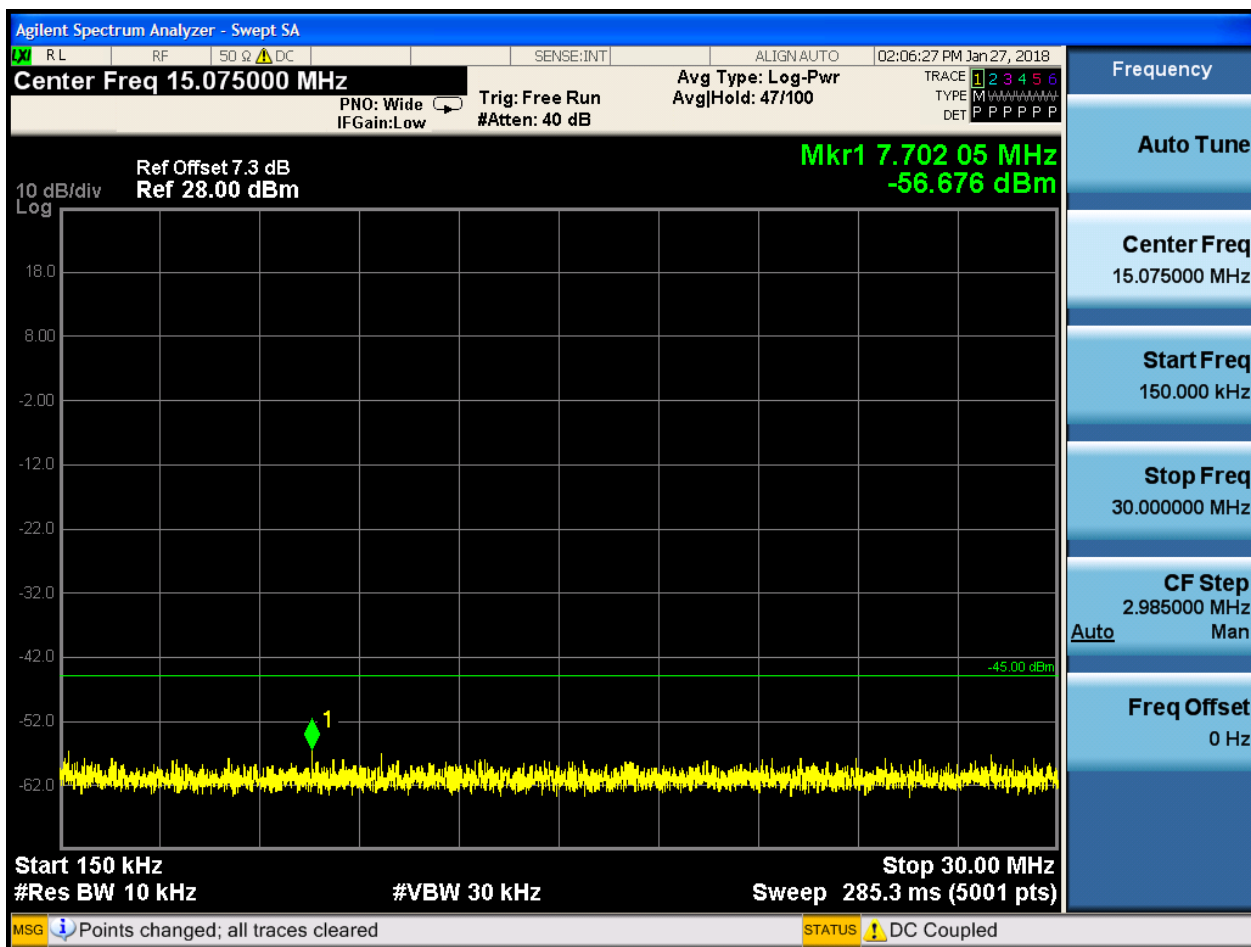


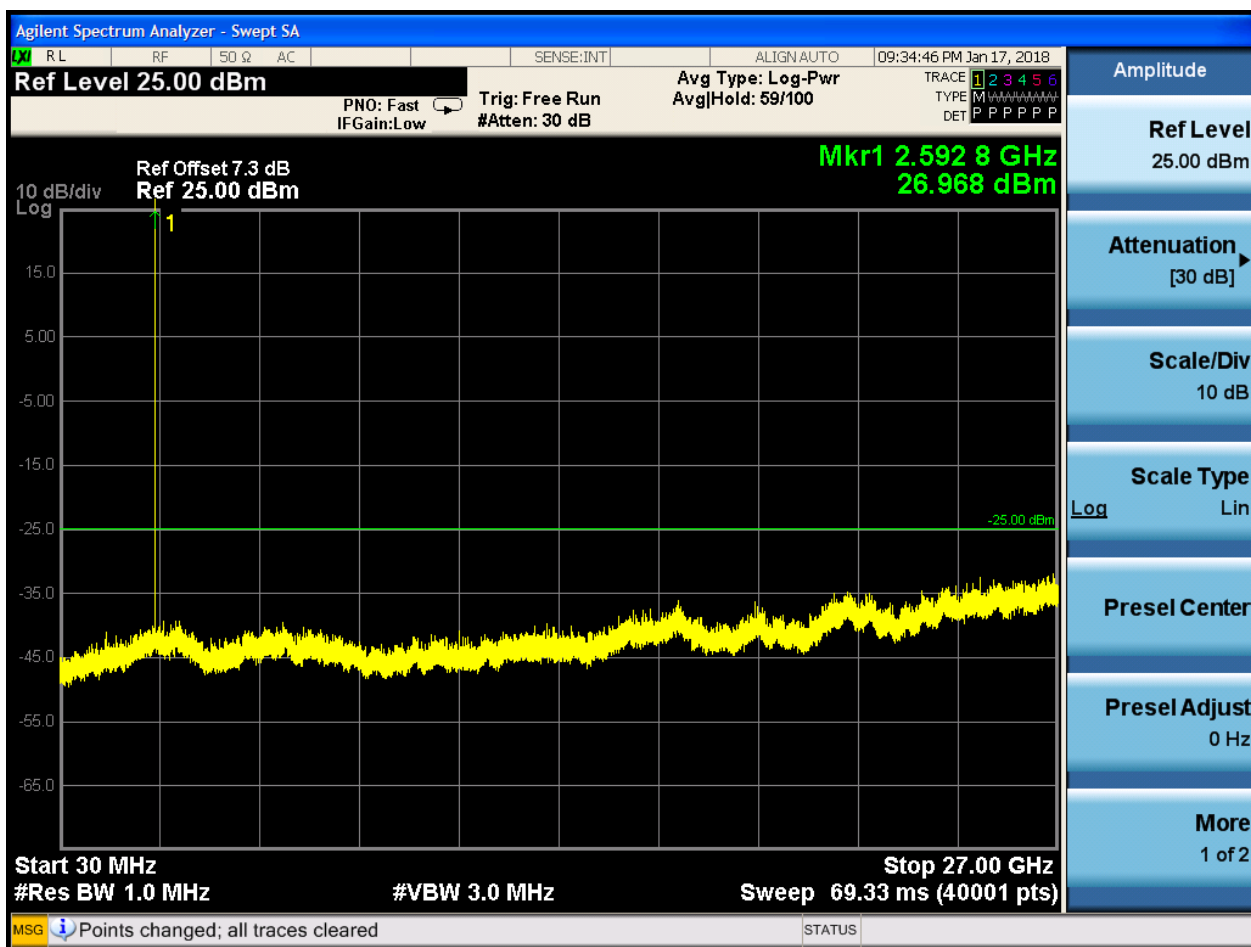


### 6.1.1.2.1.2 Test Channel = MCH

#### 6.1.1.2.1.2.1 Test RB = RB1#0

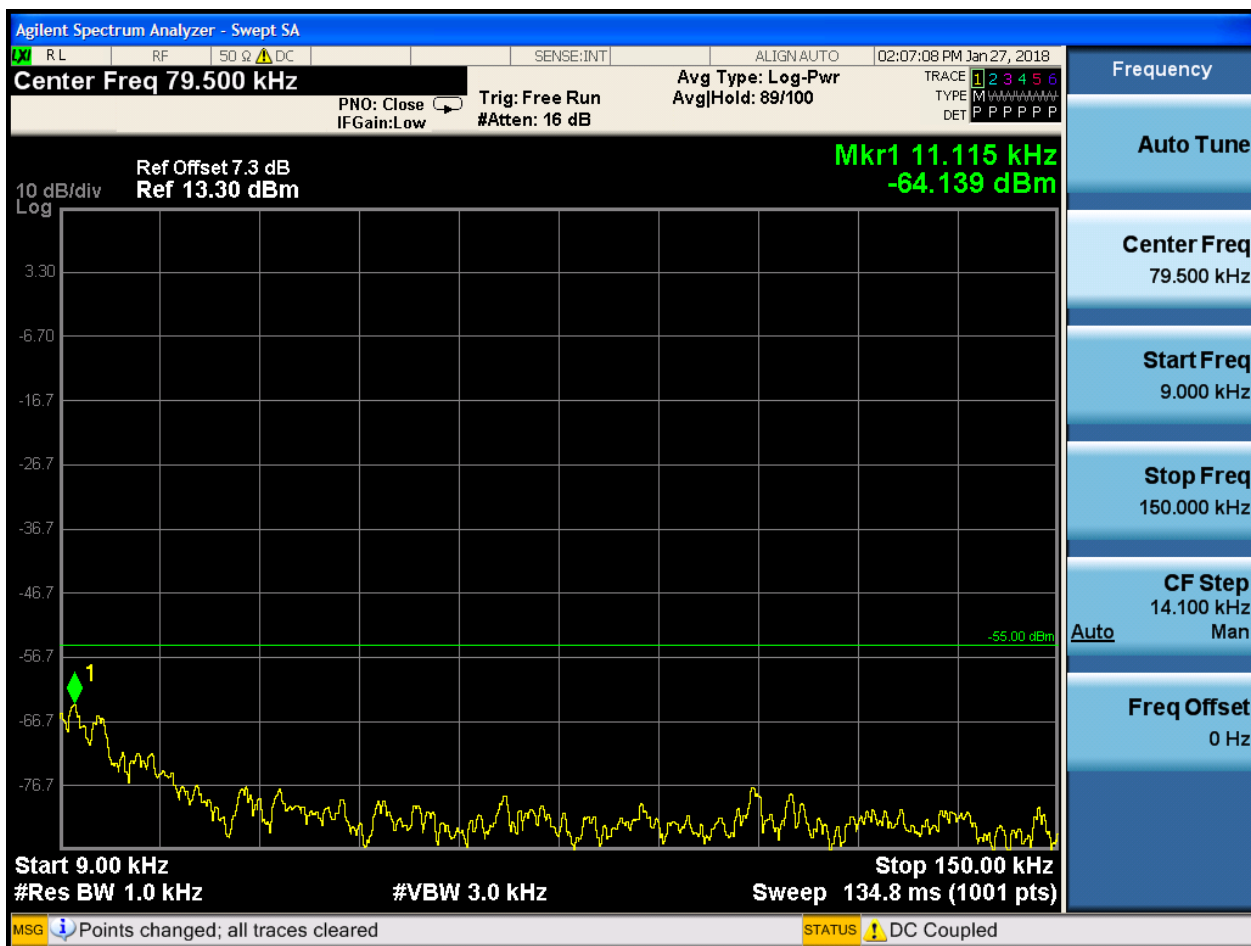


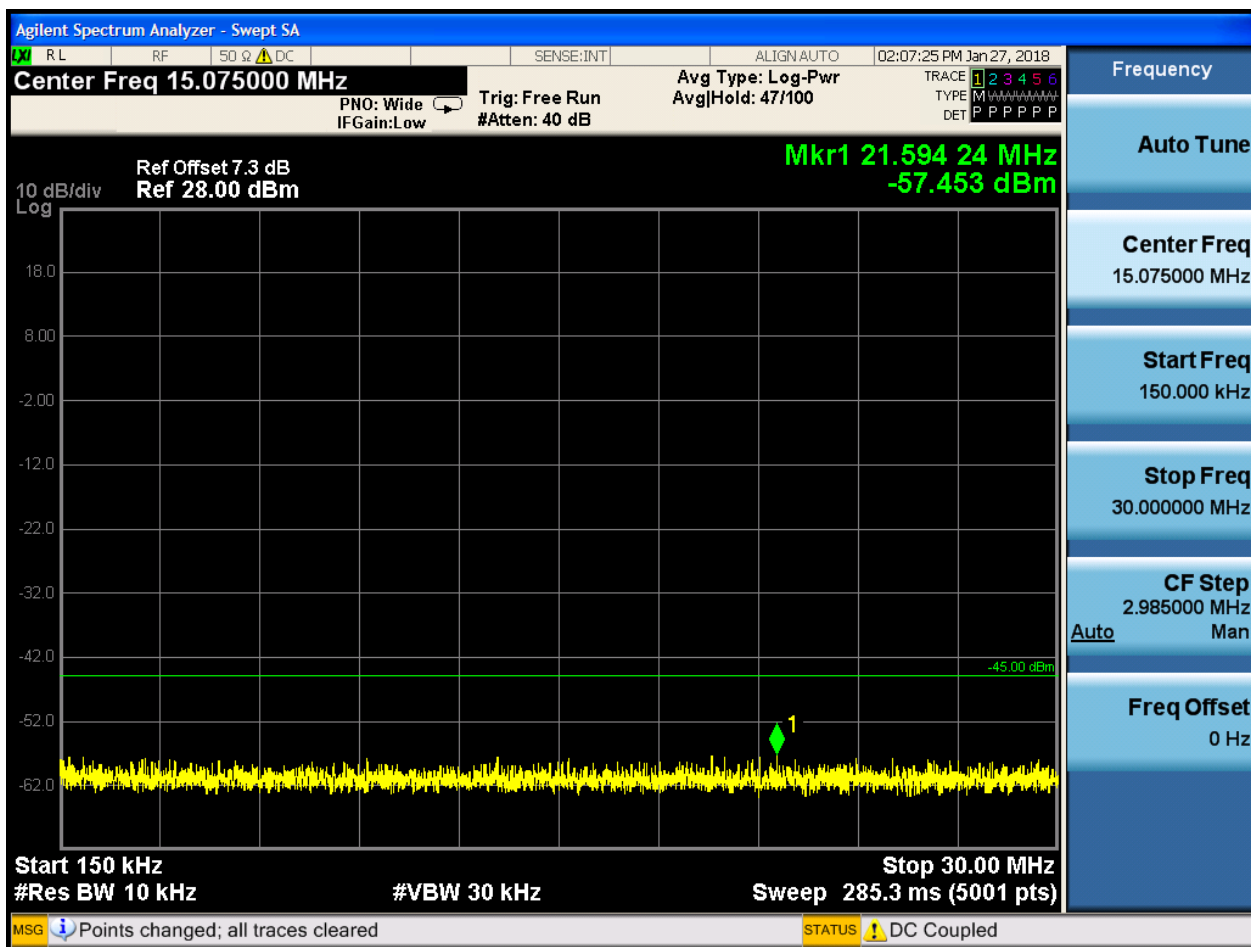


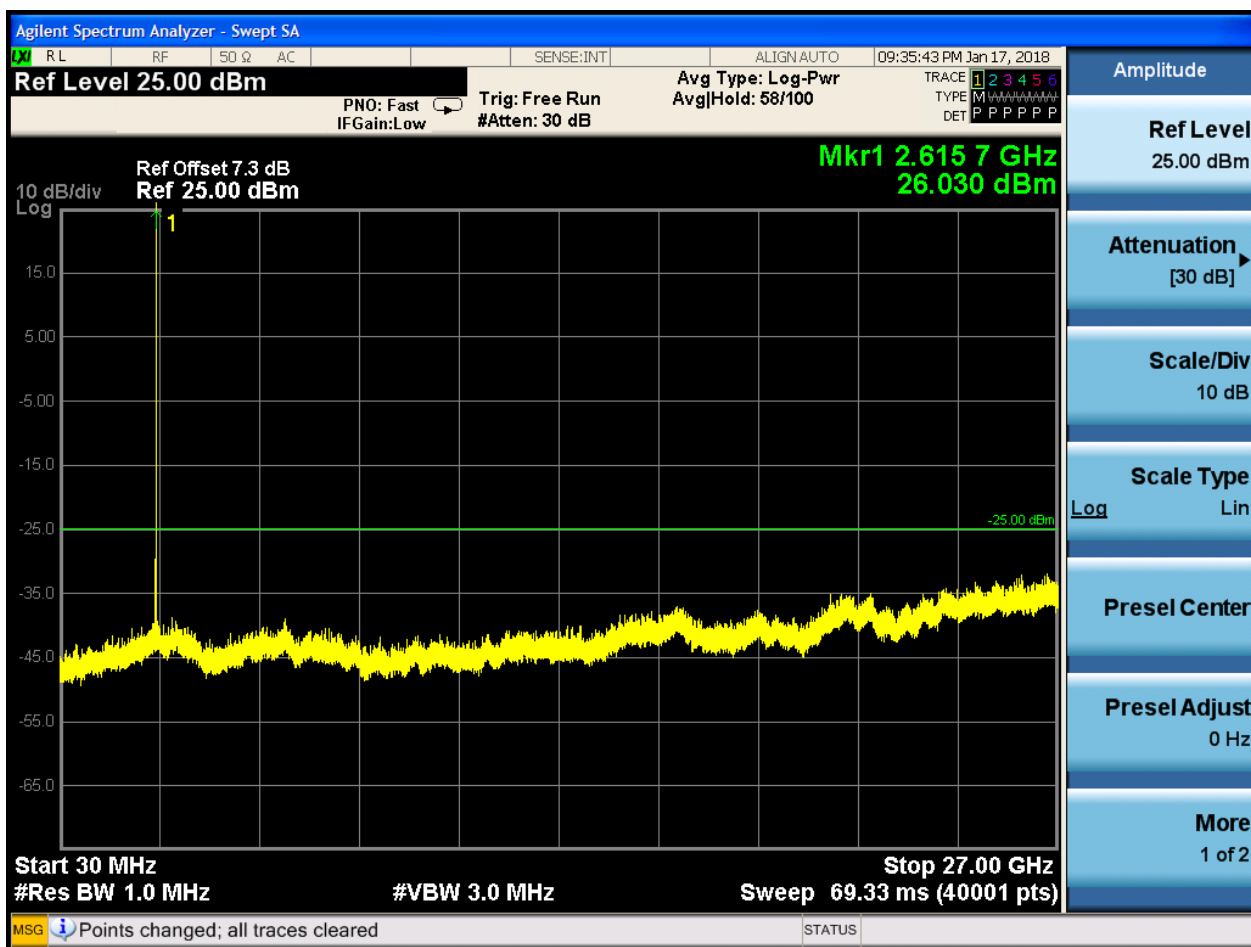


### 6.1.1.2.1.3 Test Channel = HCH

#### 6.1.1.2.1.3.1 Test RB = RB1#0





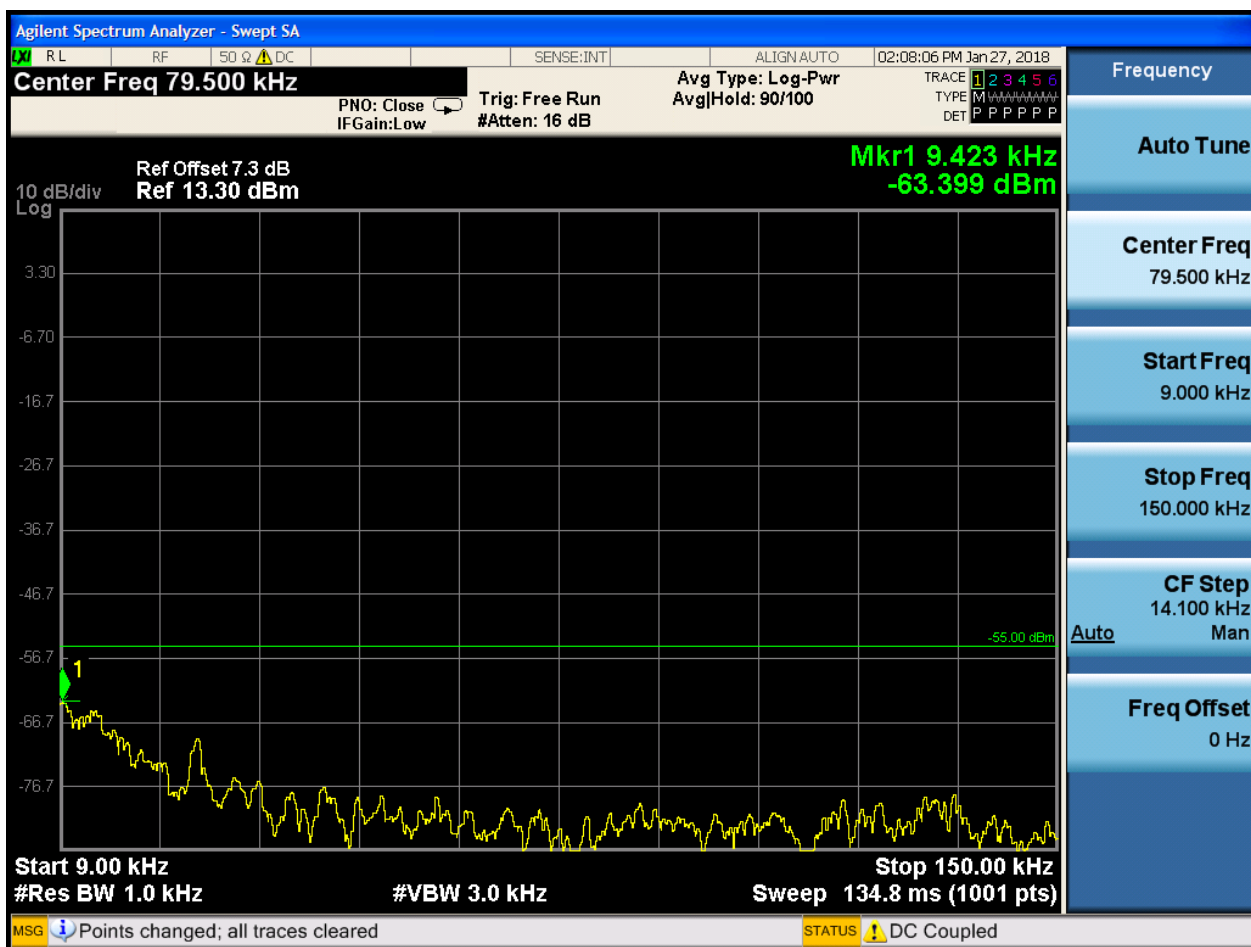


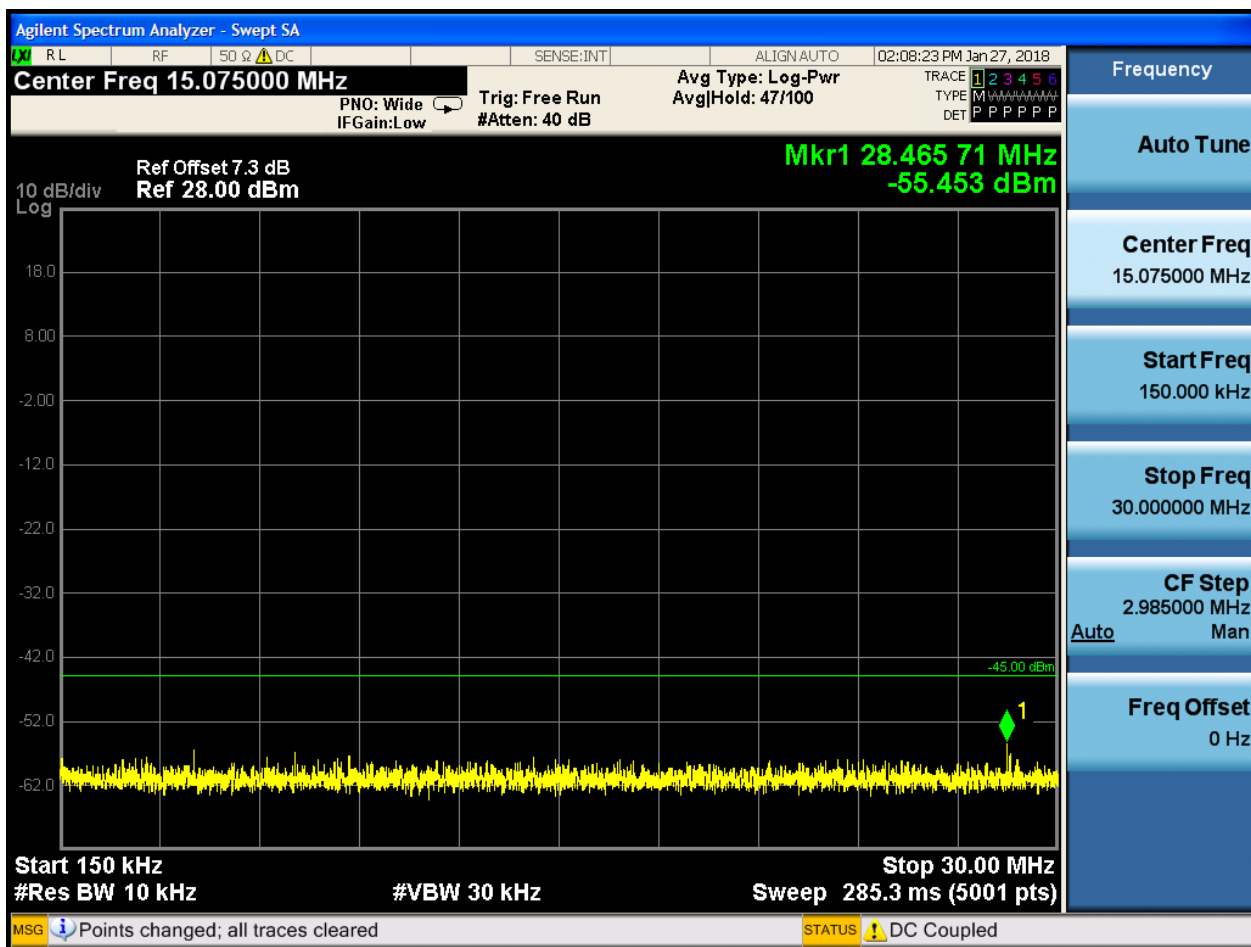


### 6.1.1.2.2 Test Bandwidth = 10

#### 6.1.1.2.2.1 Test Channel = LCH

##### 6.1.1.2.2.1.1 Test RB = RB1#0

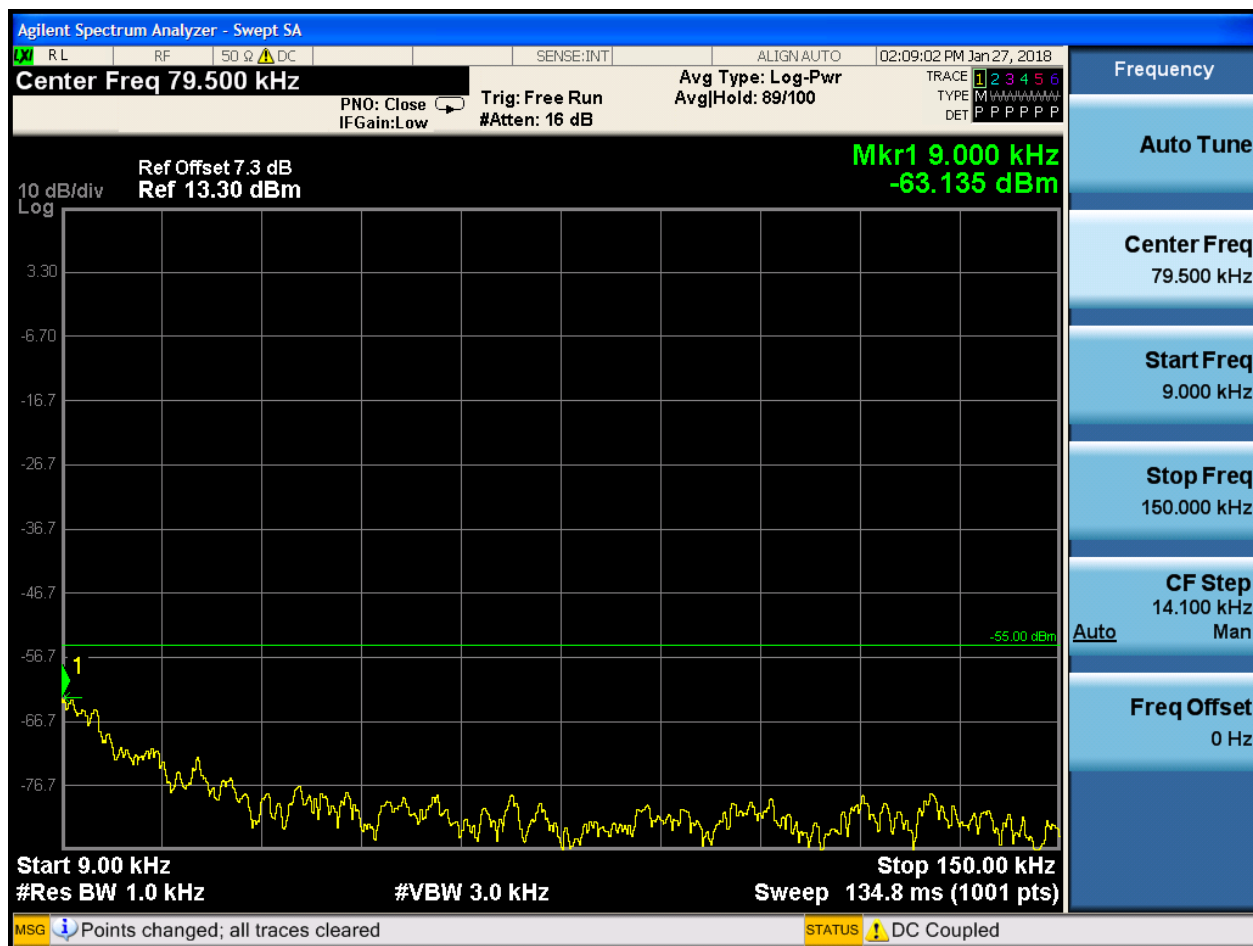


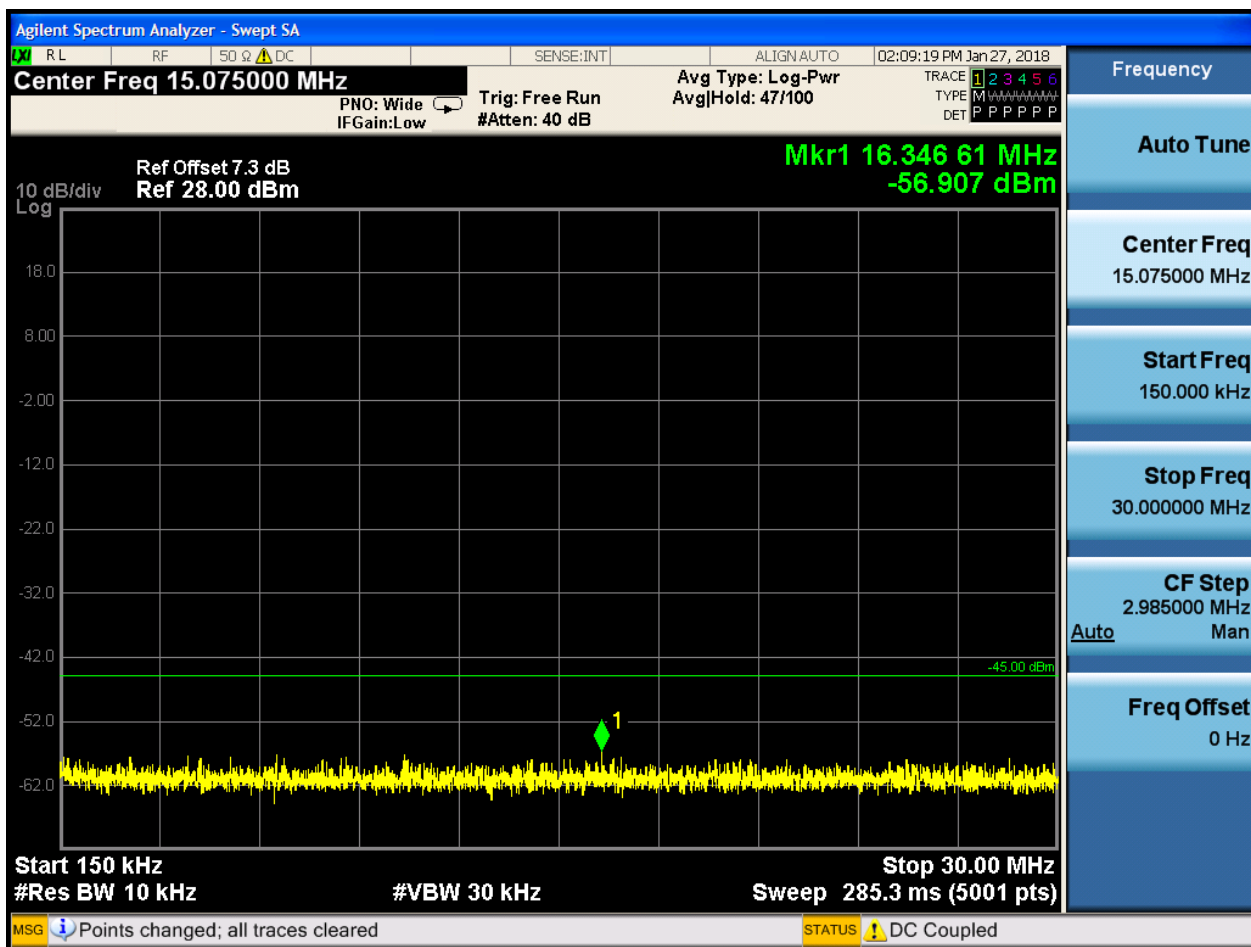


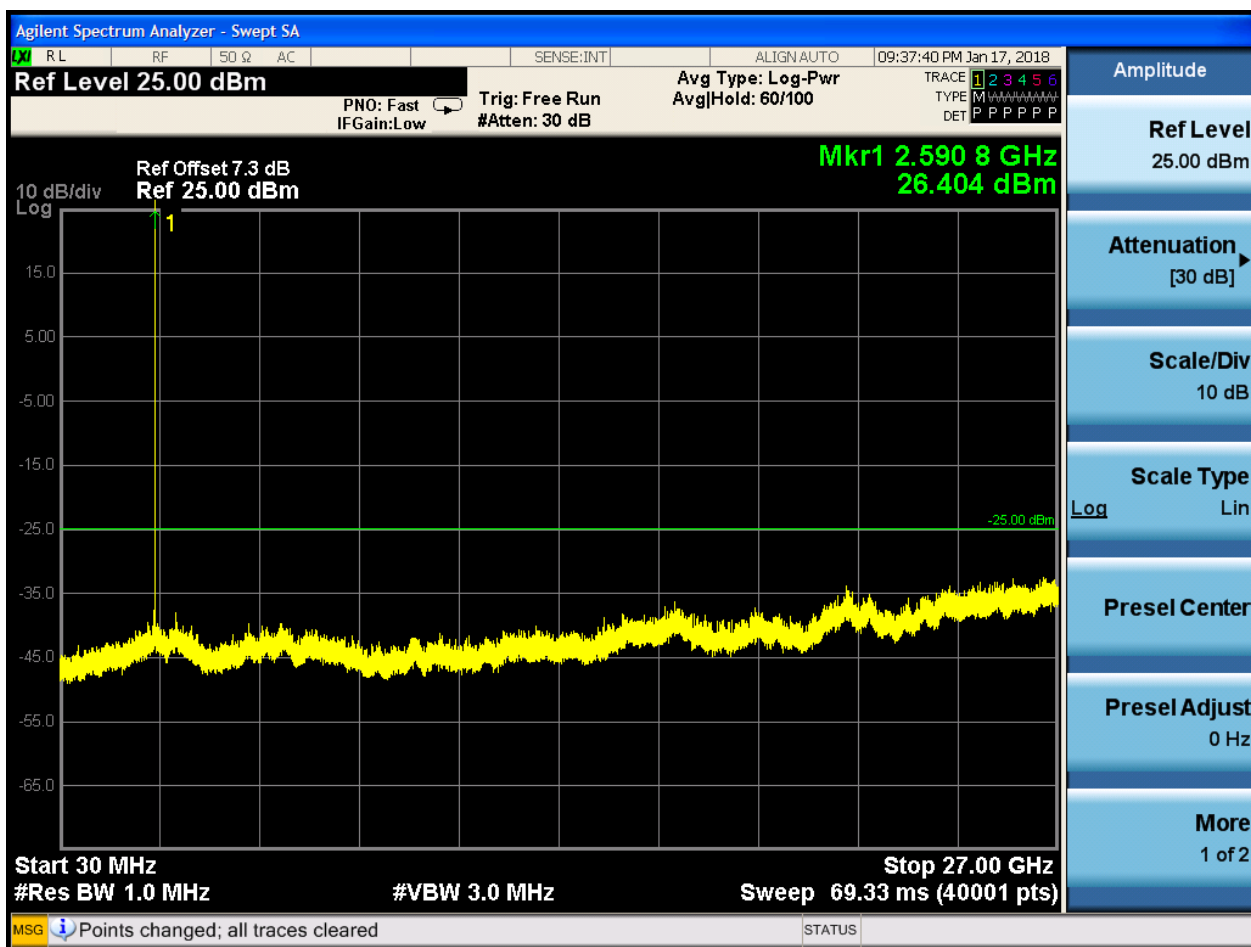


#### 6.1.1.2.2.2 Test Channel = MCH

#### 6.1.1.2.2.2.1 Test RB = RB1#0

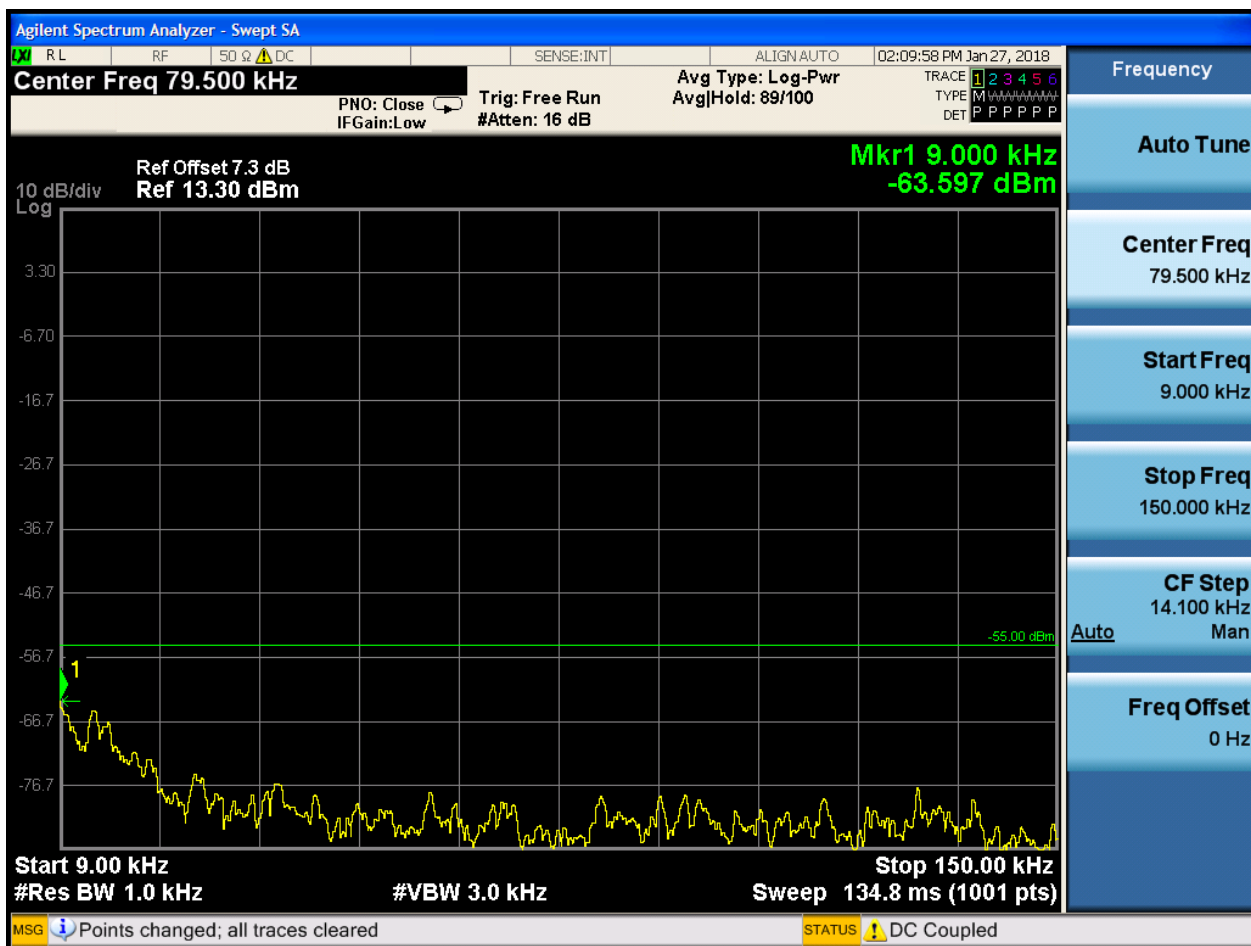


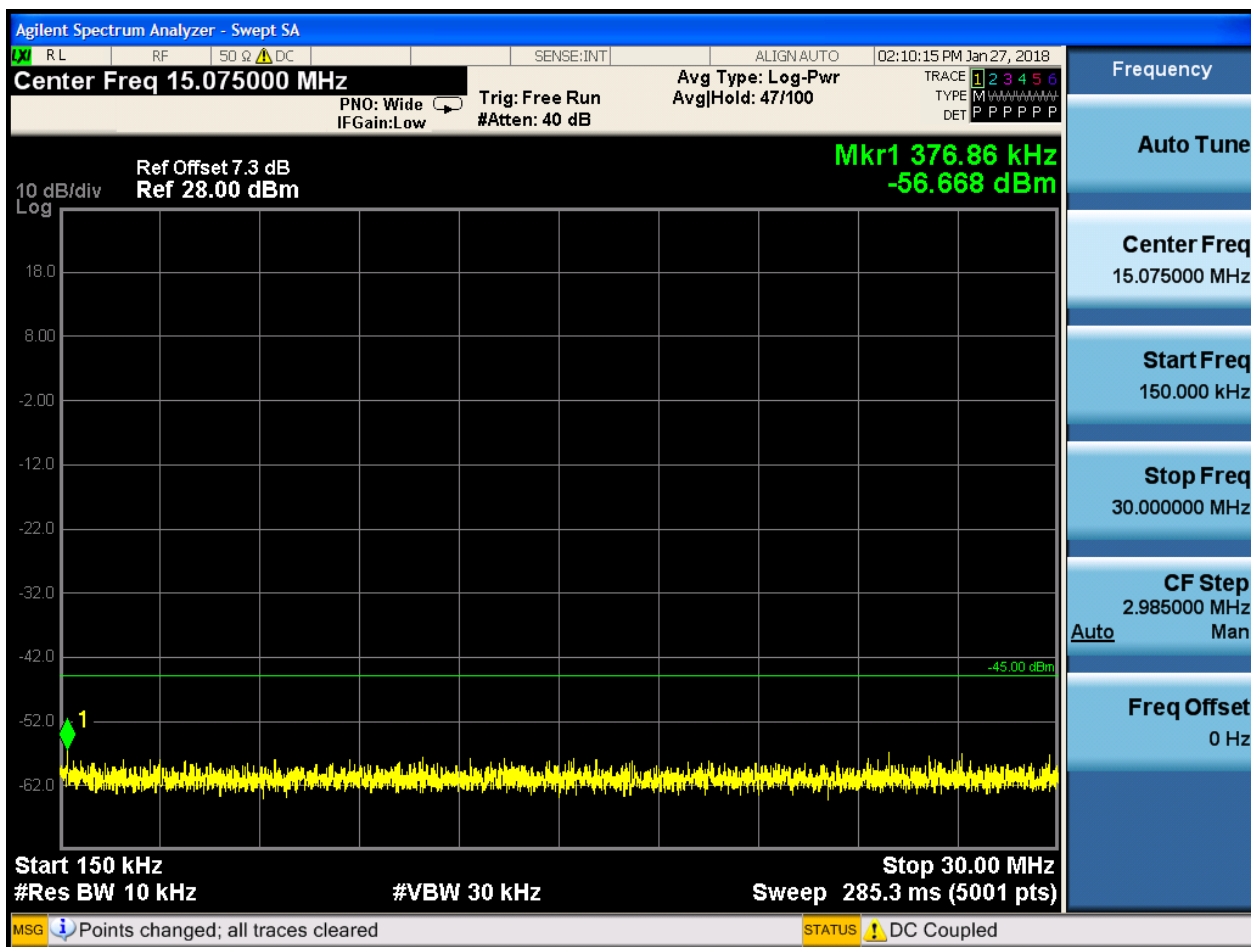




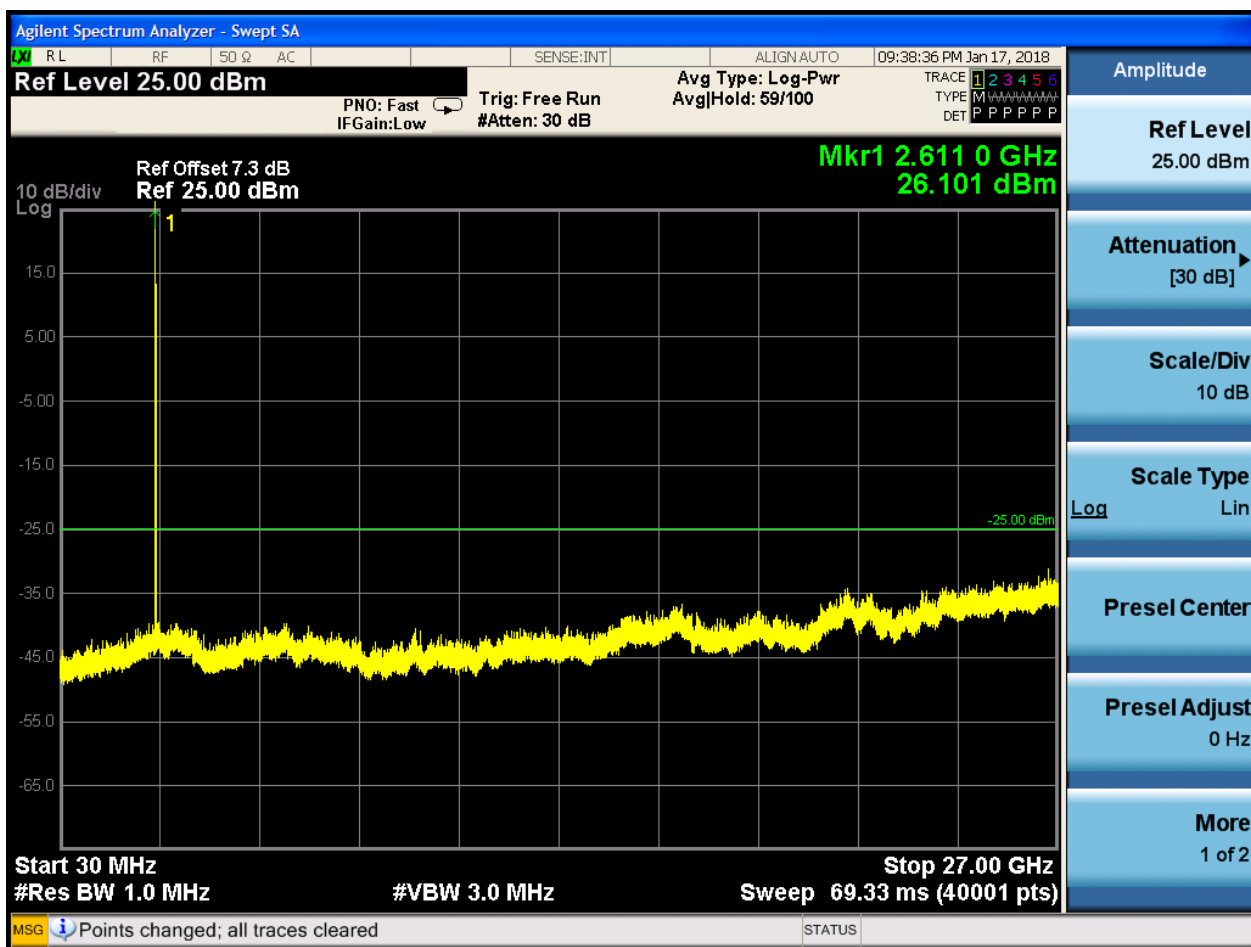
### 6.1.1.2.2.3 Test Channel = HCH

#### 6.1.1.2.2.3.1 Test RB = RB1#0





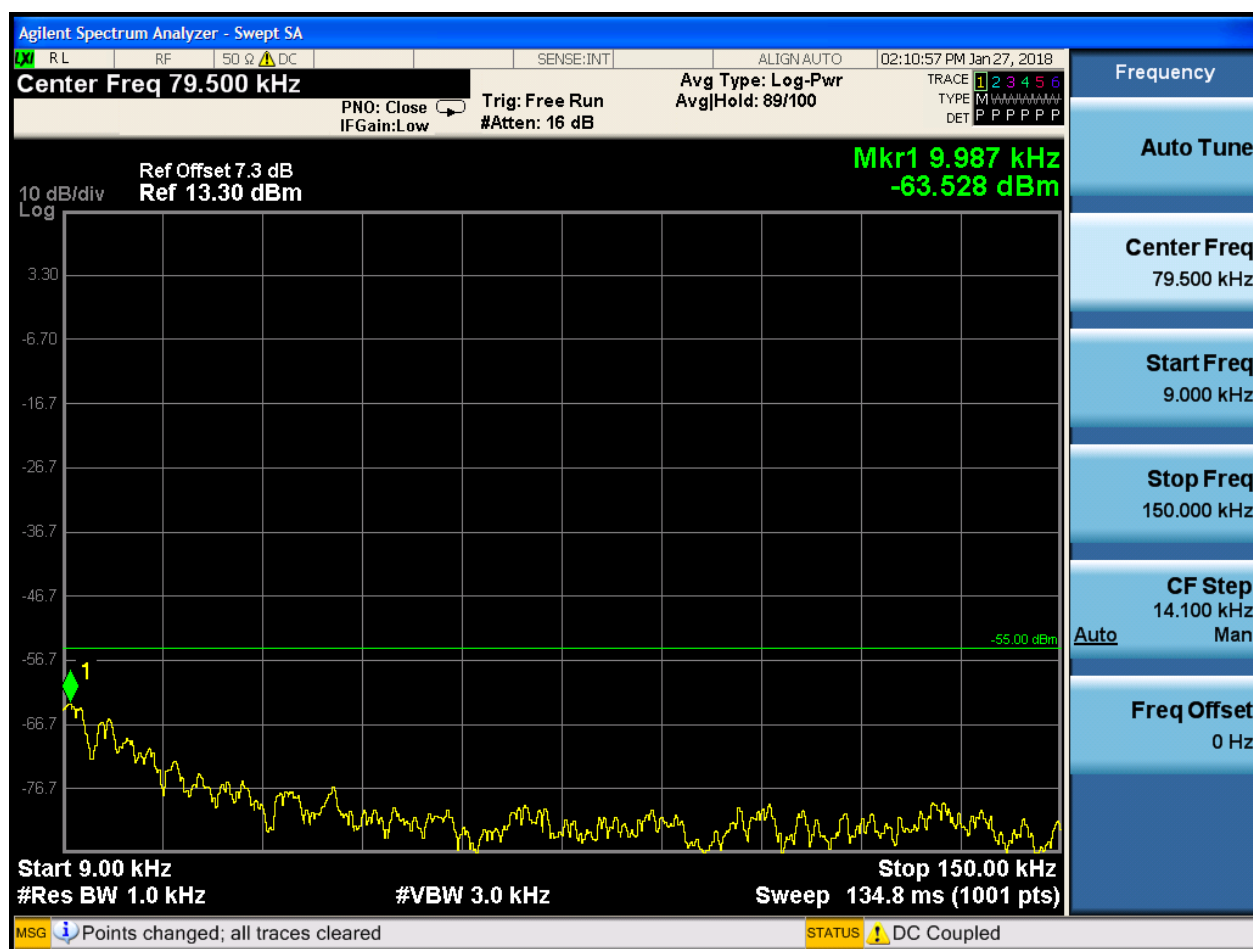


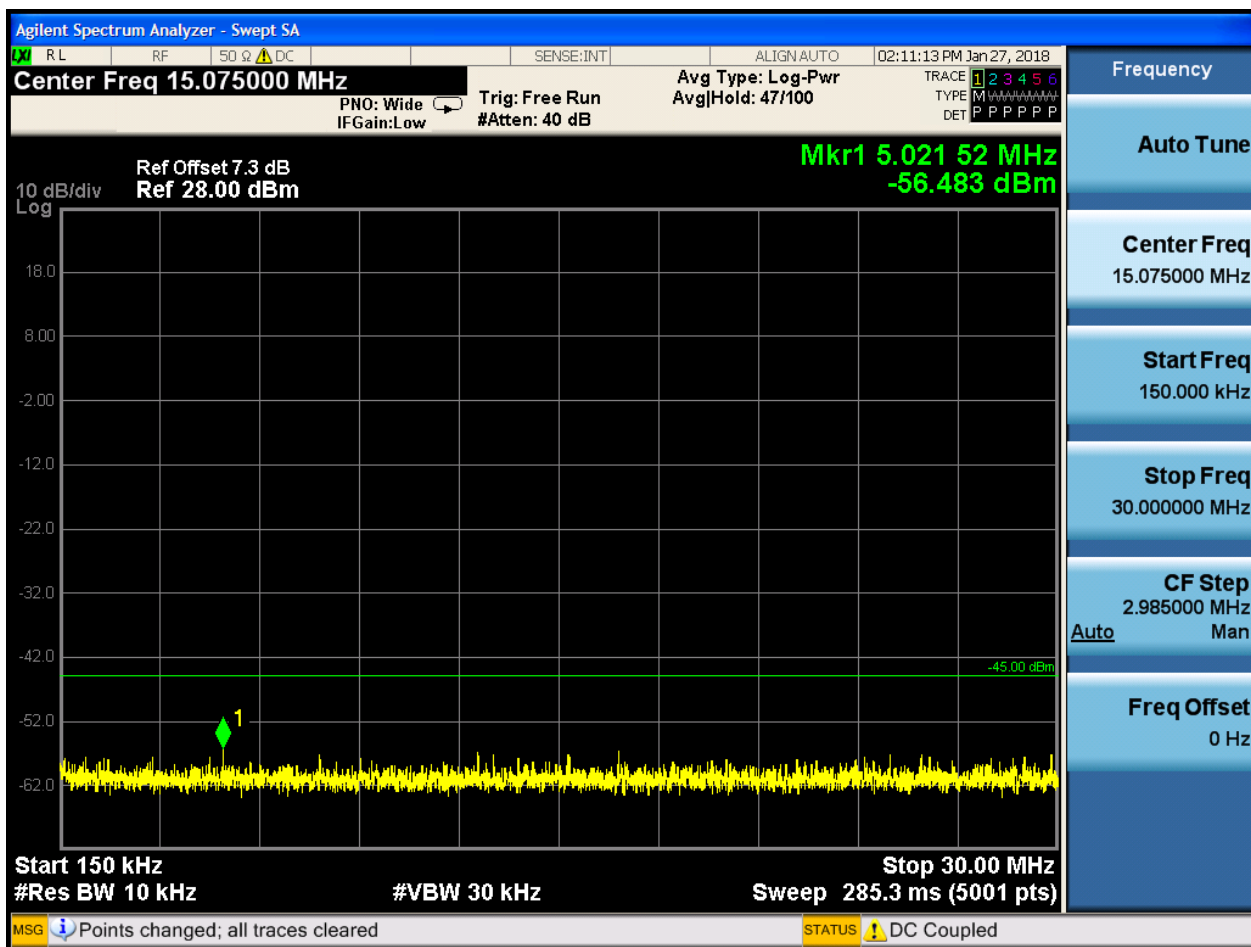


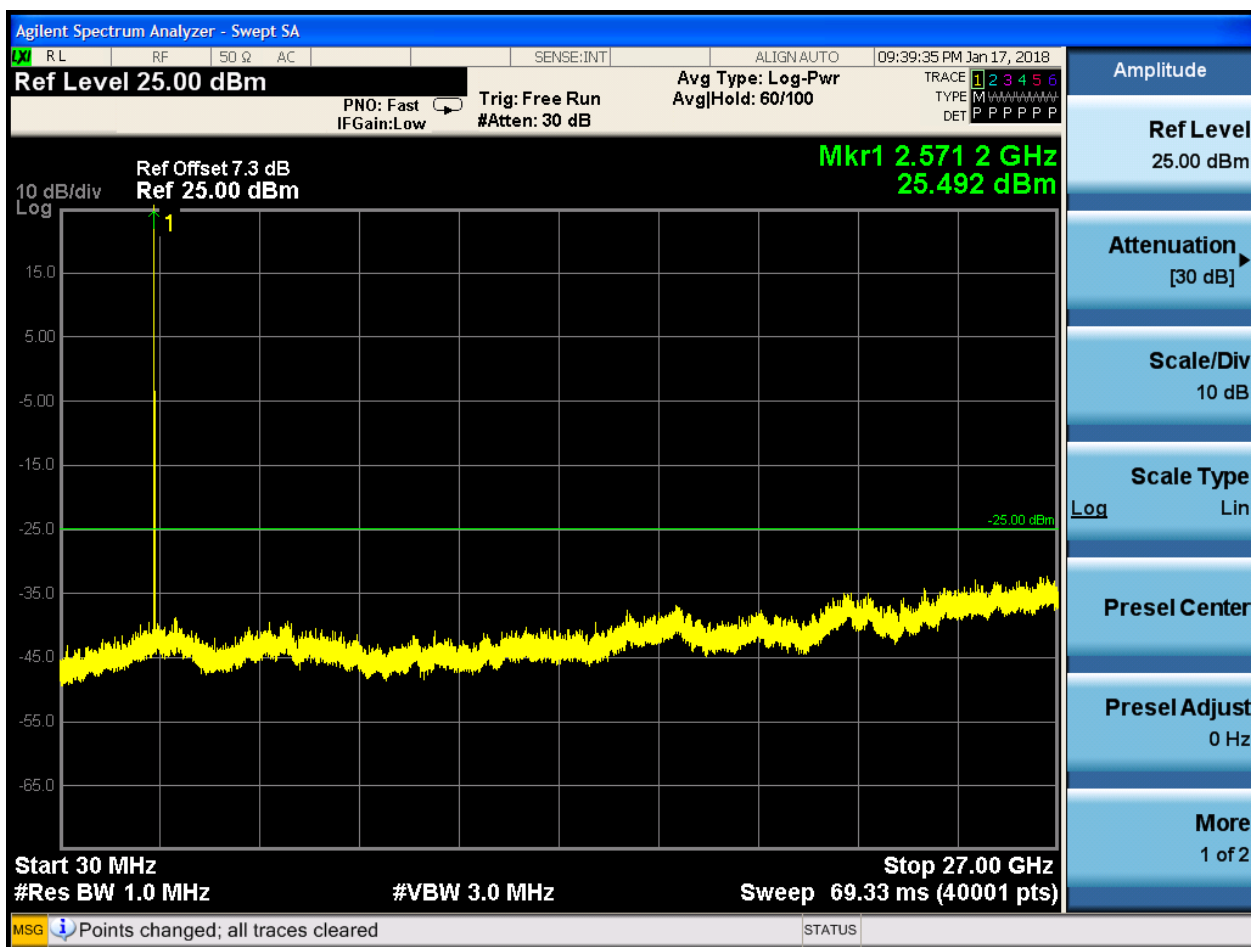
#### 6.1.1.2.3 Test Bandwidth = 15

#### 6.1.1.2.3.1 Test Channel = LCH

#### 6.1.1.2.3.1.1 Test RB = RB1#0

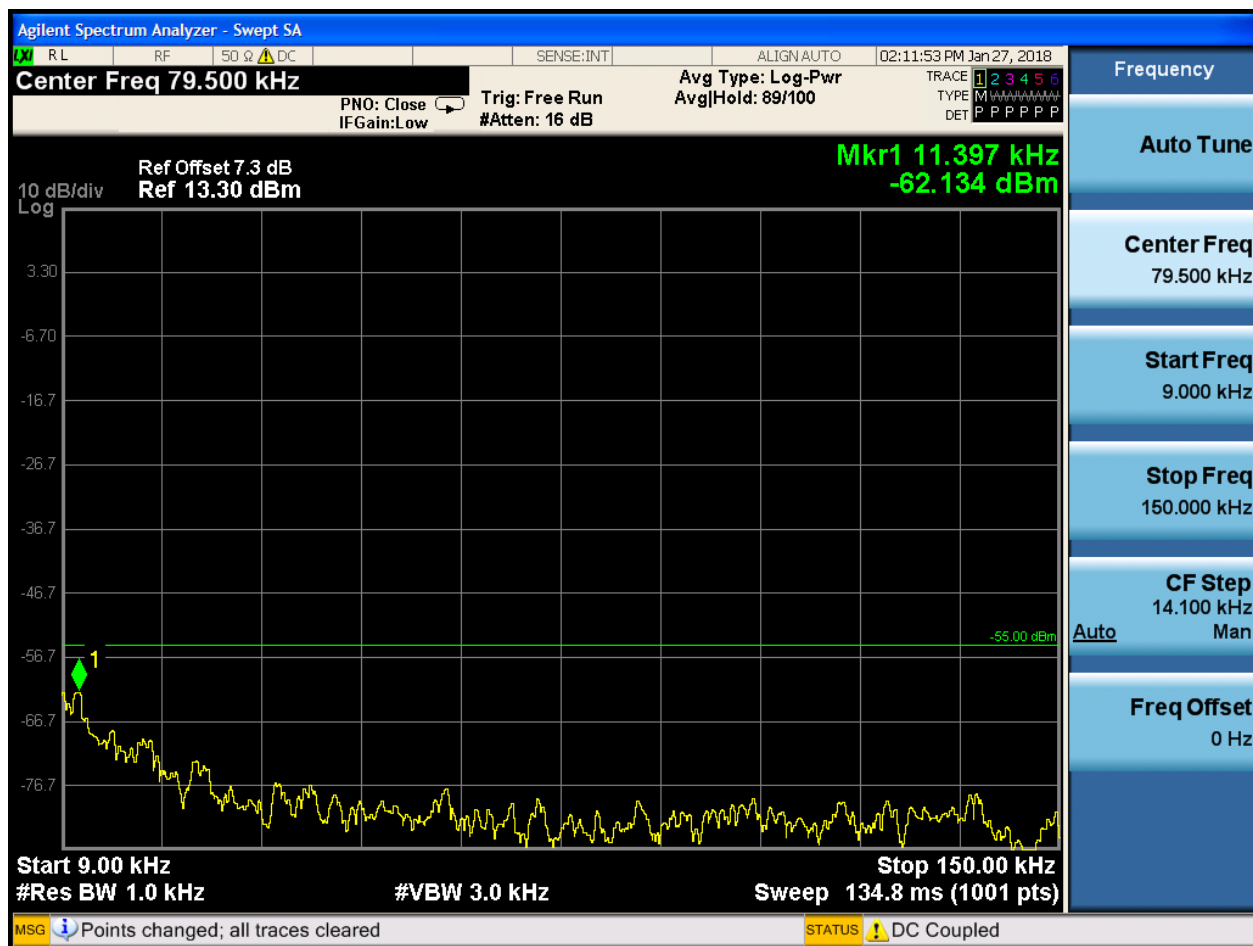


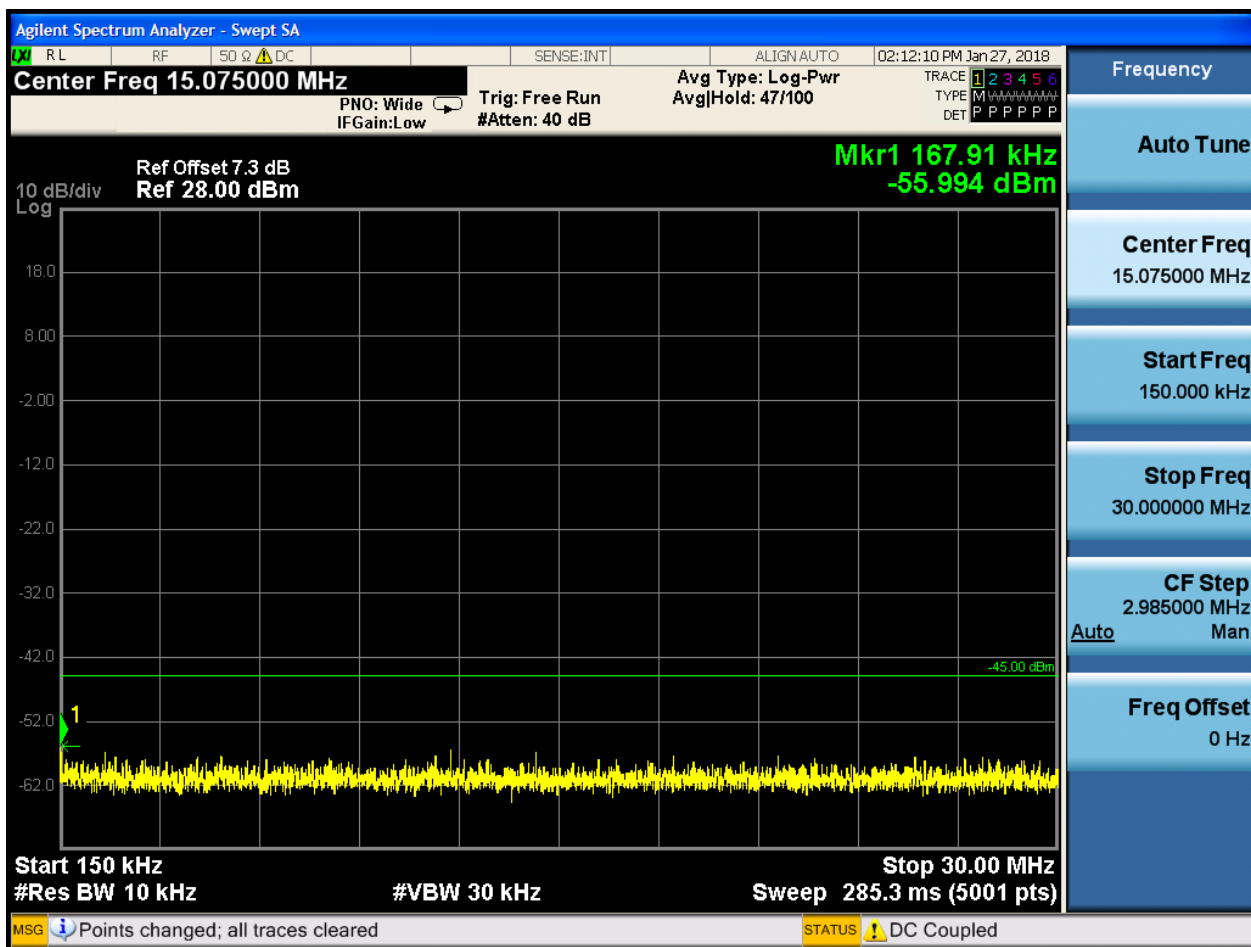


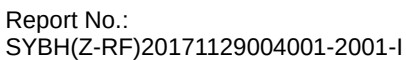


#### 6.1.1.2.3.2 Test Channel = MCH

#### 6.1.1.2.3.2.1 Test RB = RB1#0

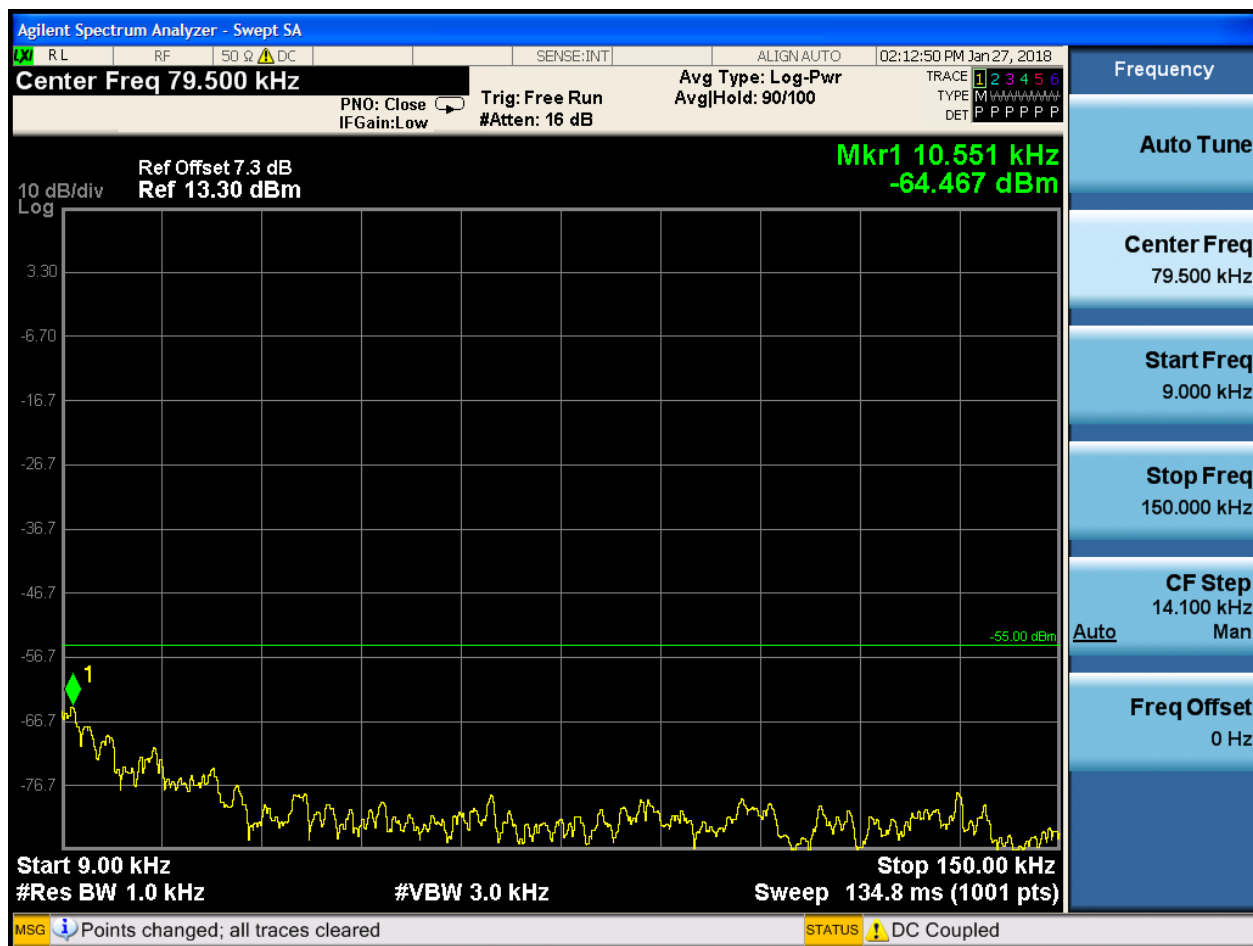




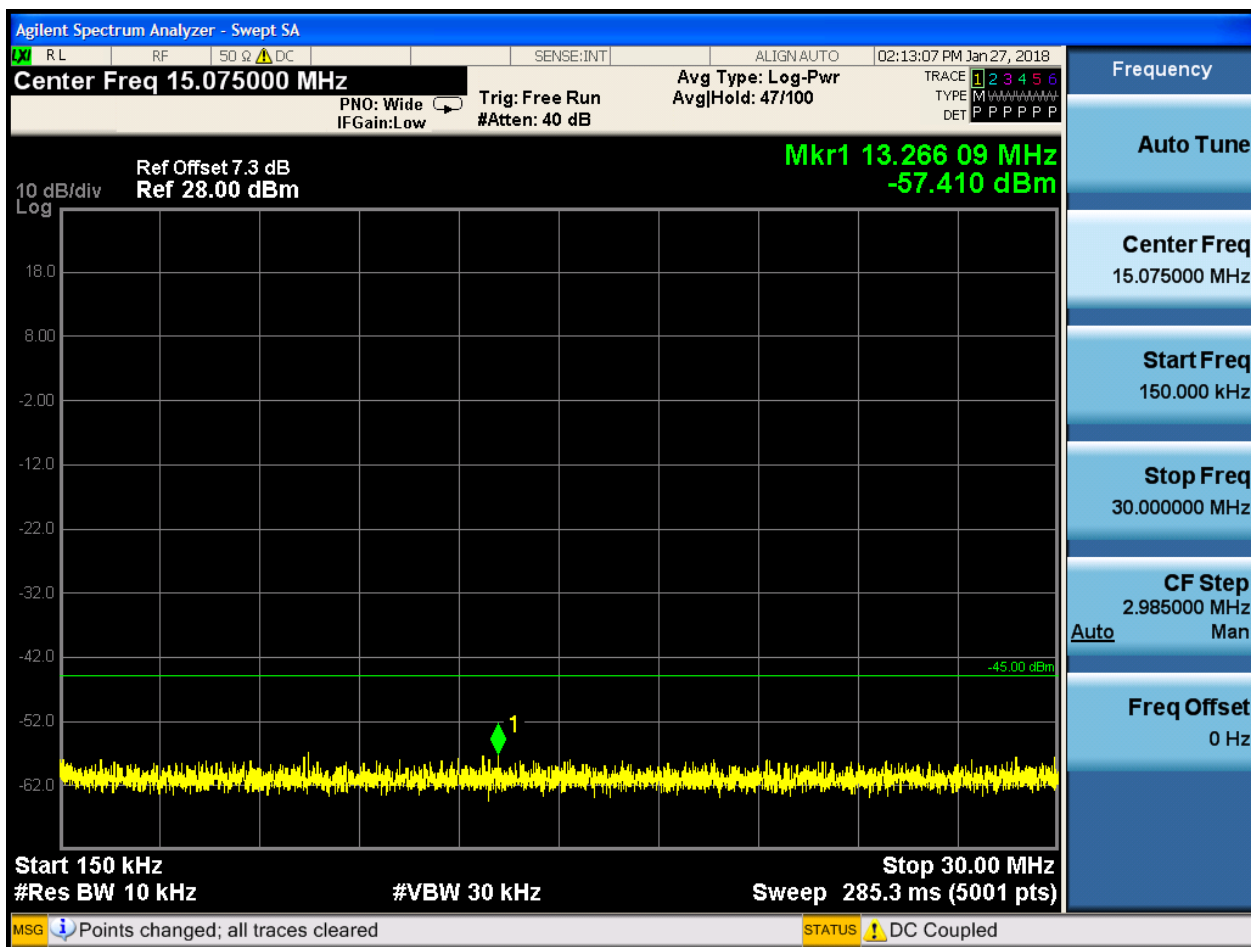


#### 6.1.1.2.3.3 Test Channel = HCH

#### 6.1.1.2.3.3.1 Test RB = RB1#0





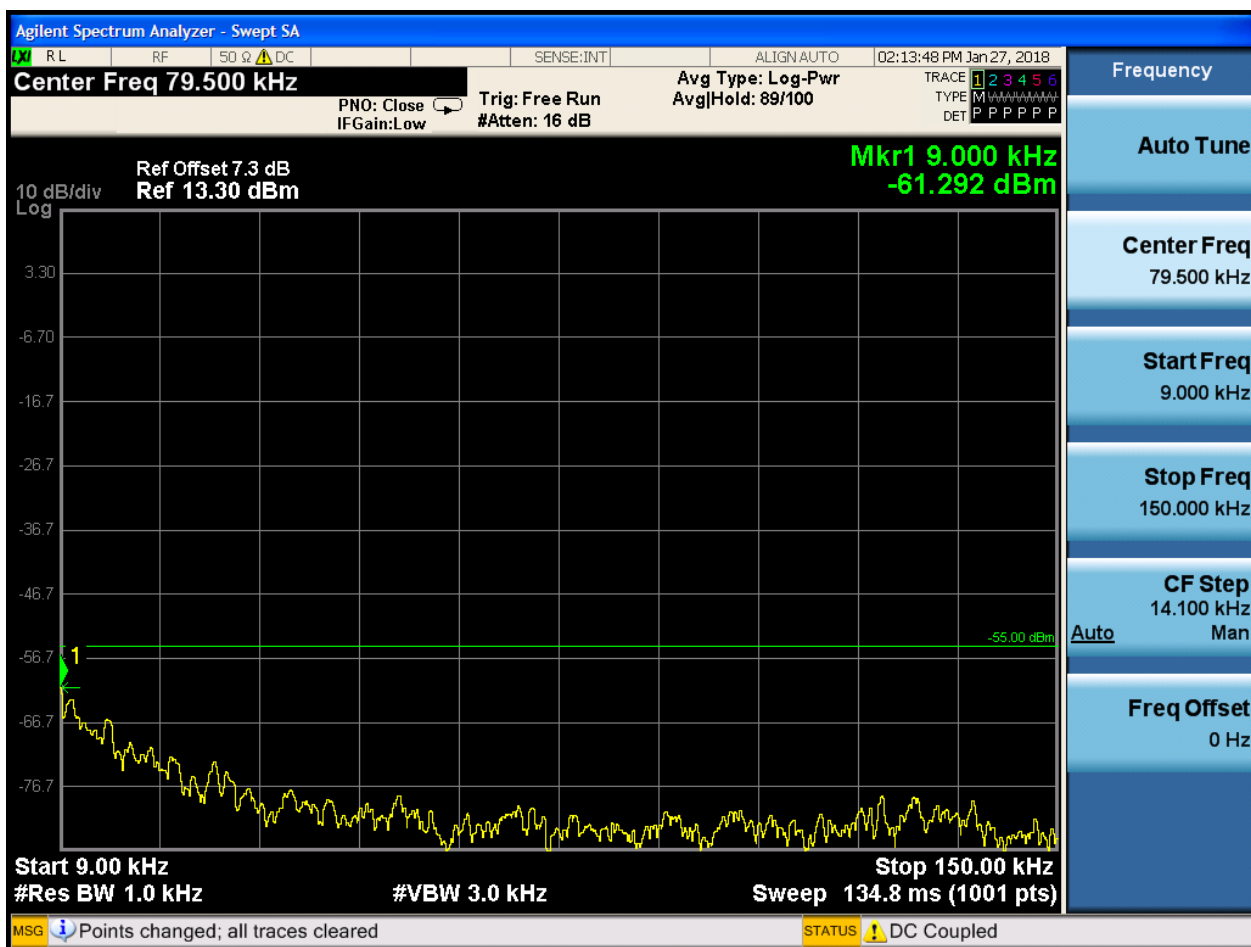


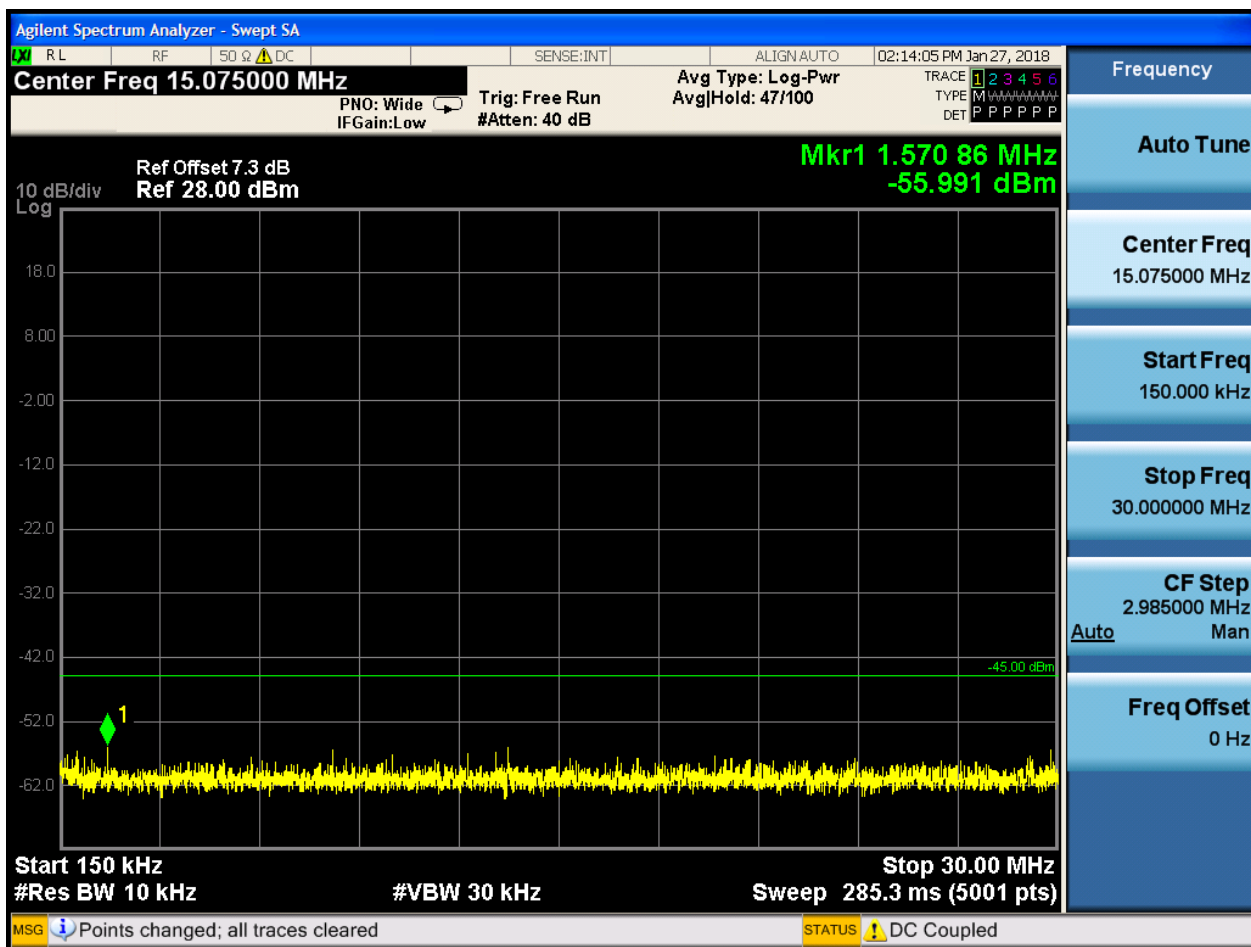


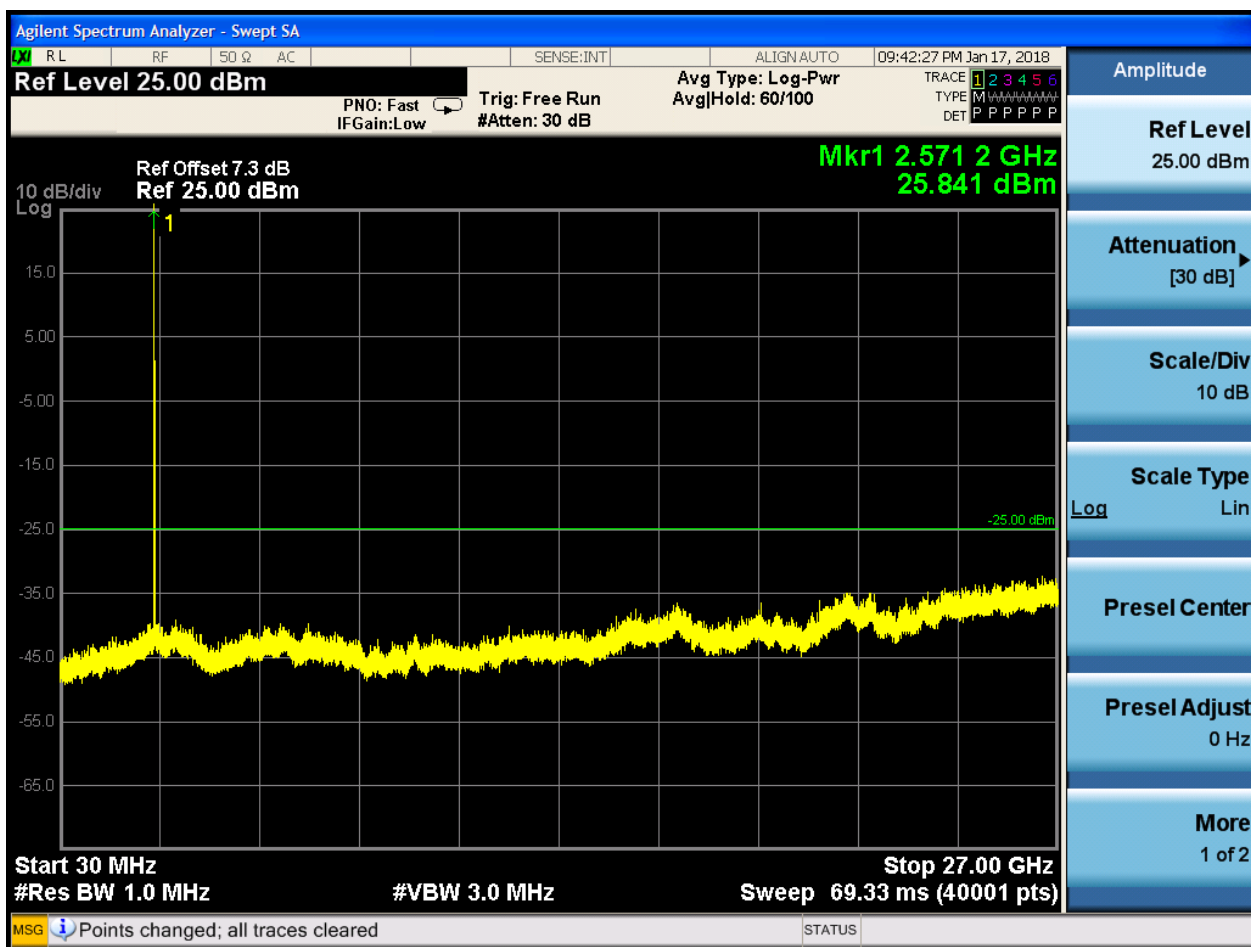
#### 6.1.1.2.4 Test Bandwidth = 20

##### 6.1.1.2.4.1 Test Channel = LCH

##### 6.1.1.2.4.1.1 Test RB = RB1#0

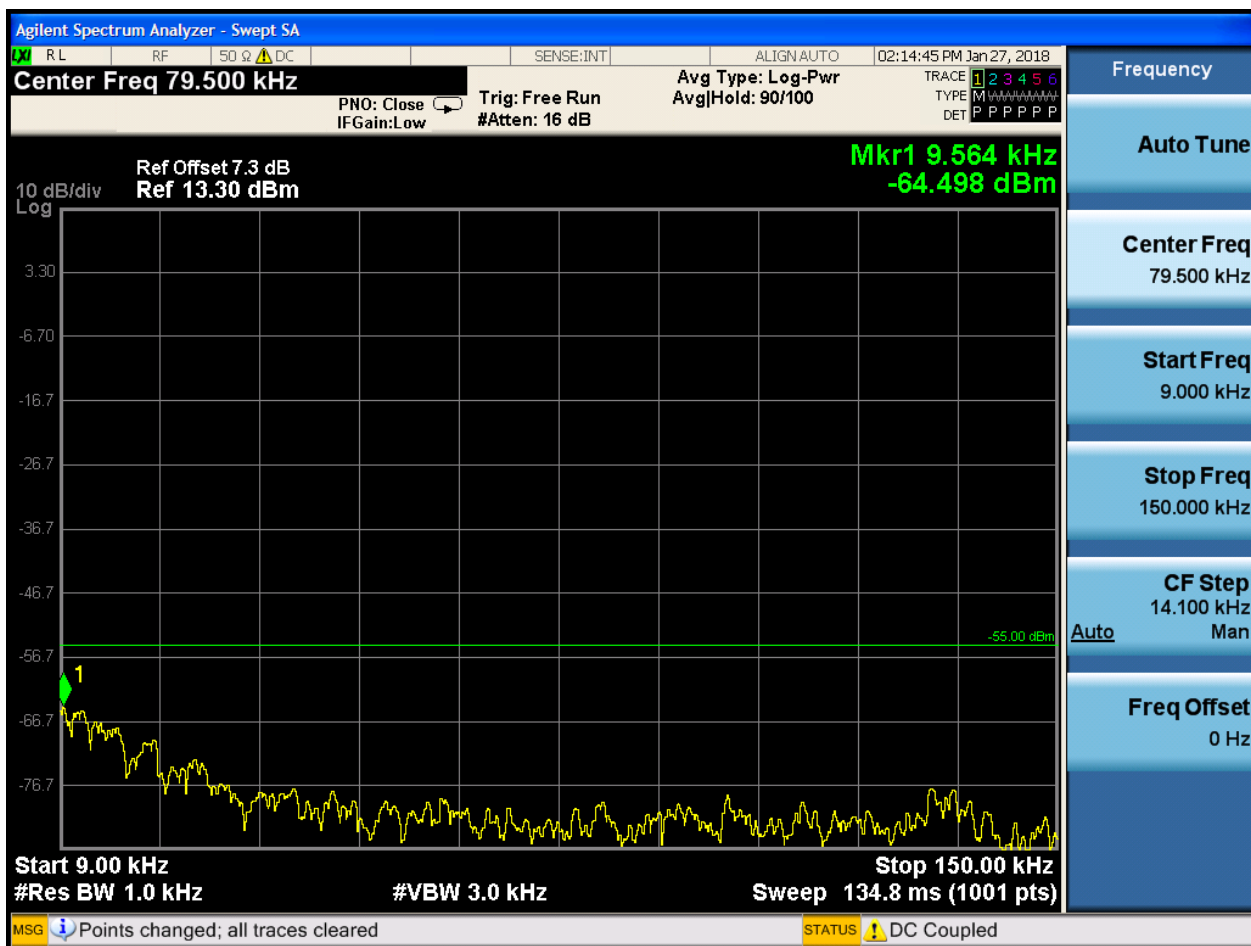


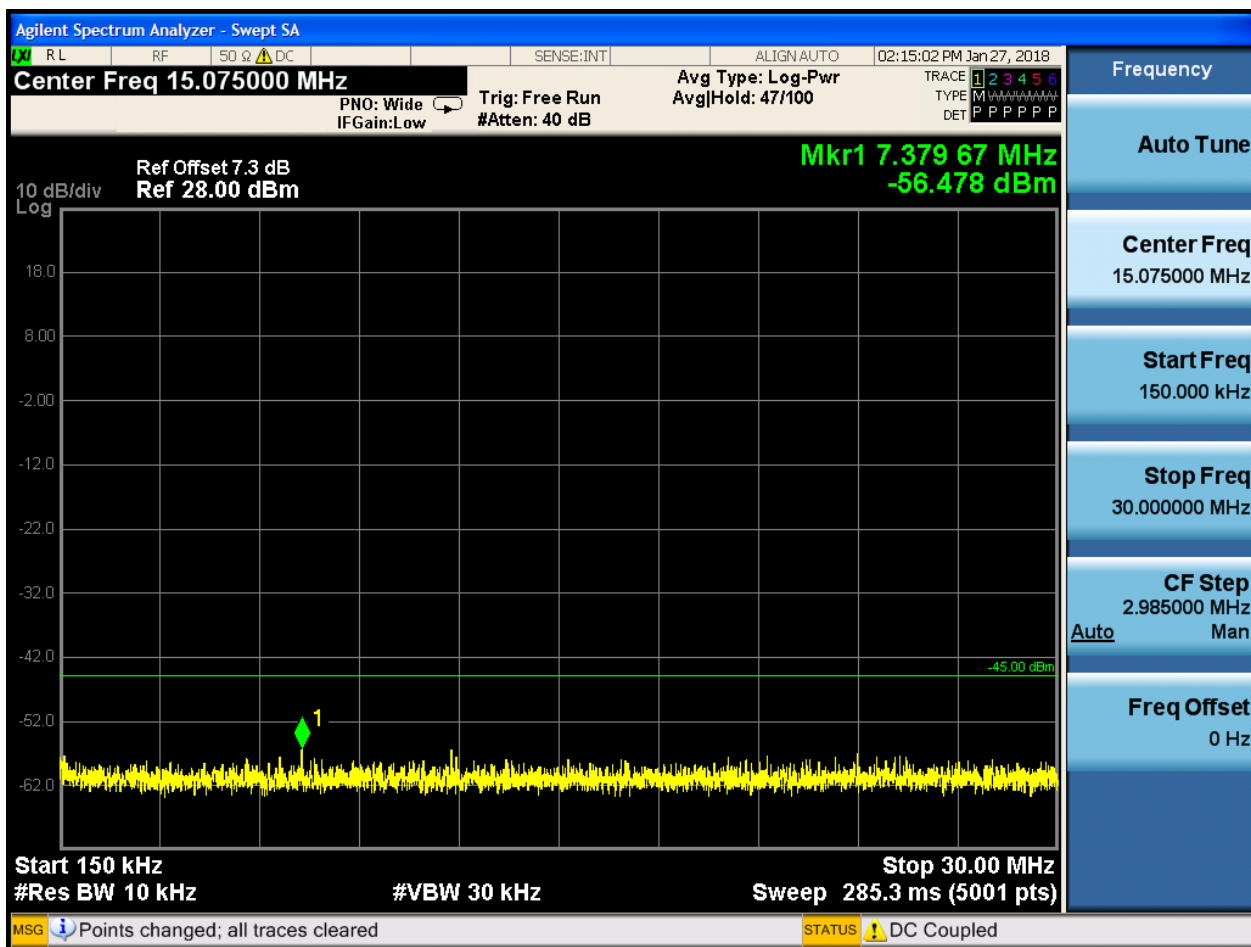


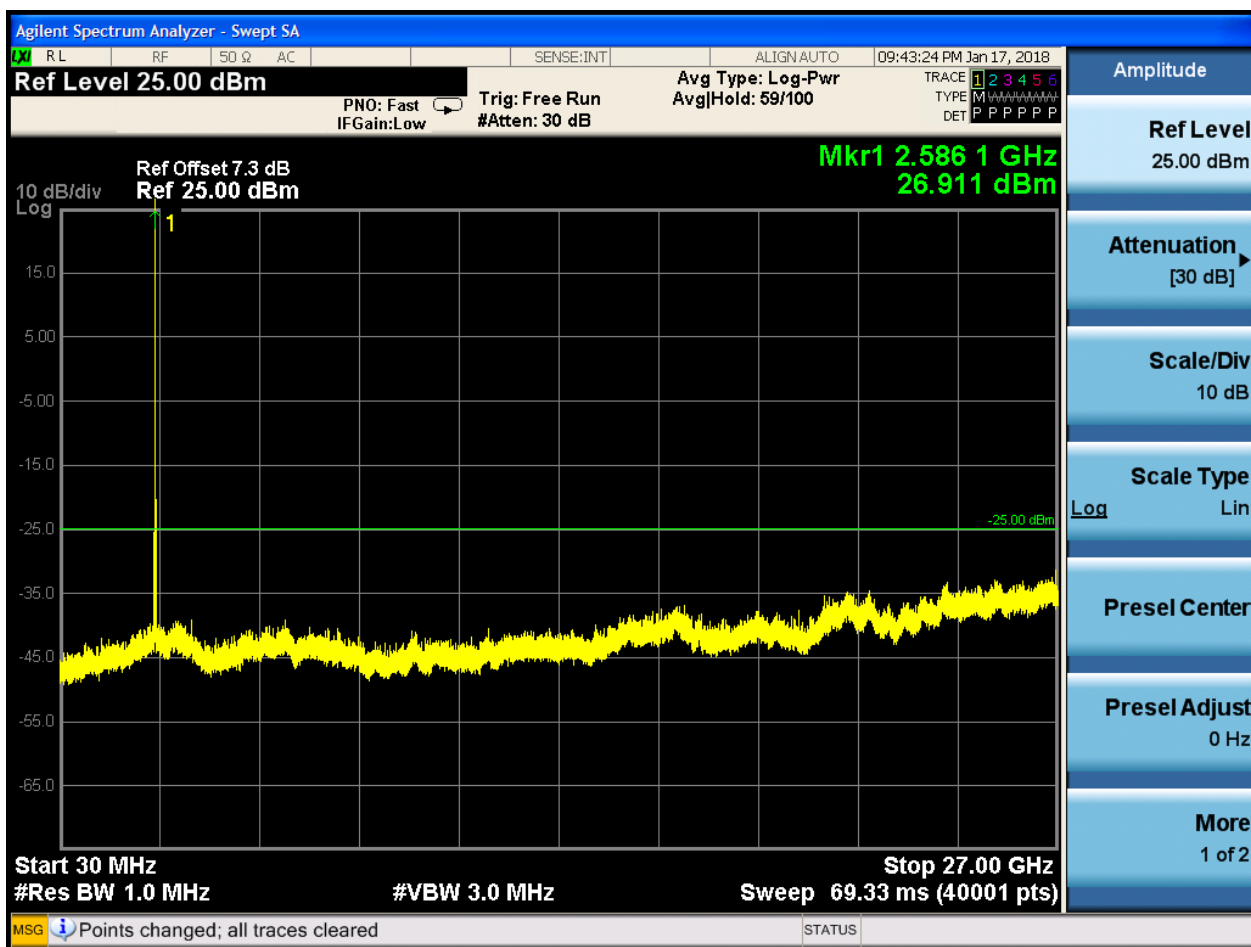


#### 6.1.1.2.4.2 Test Channel = MCH

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



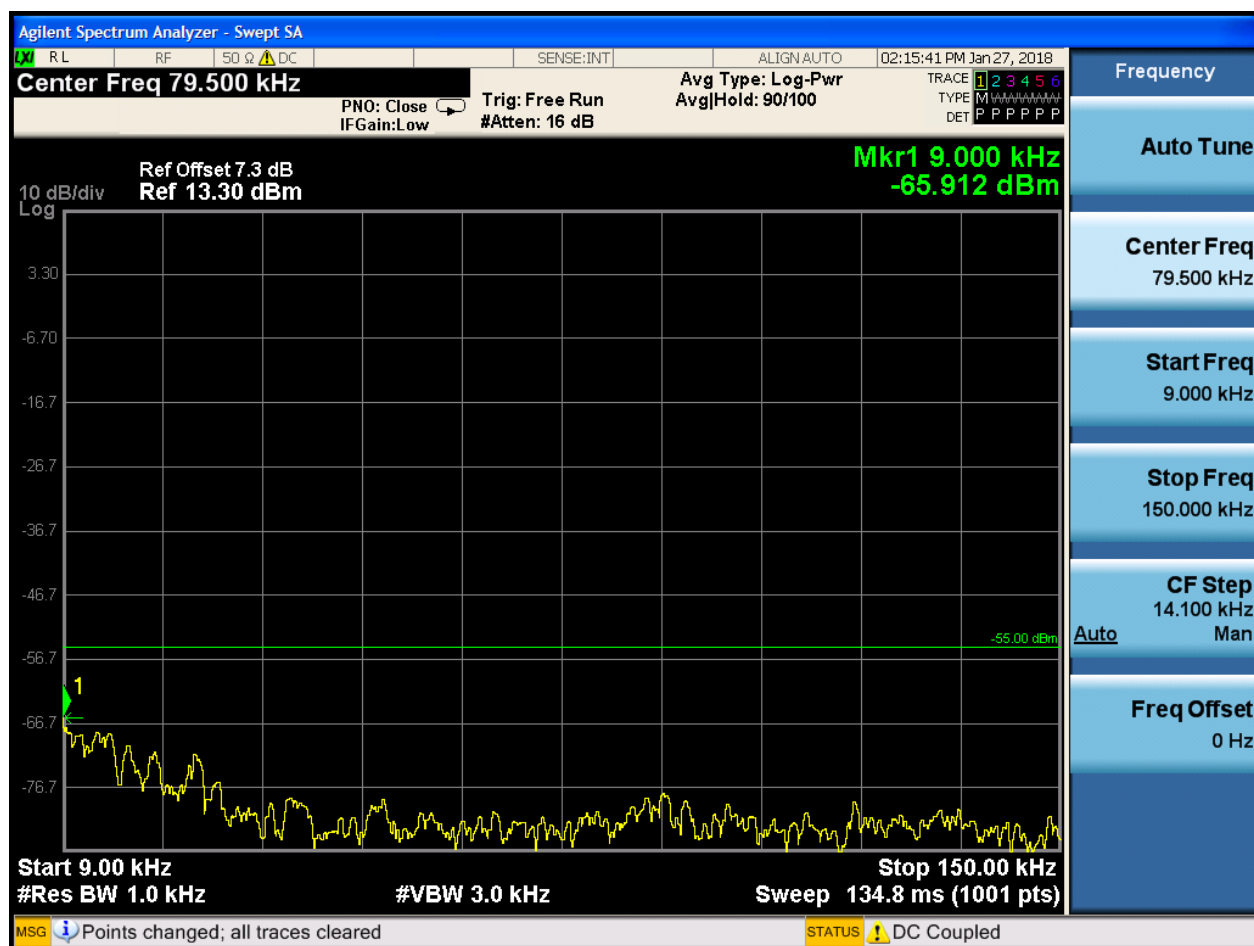


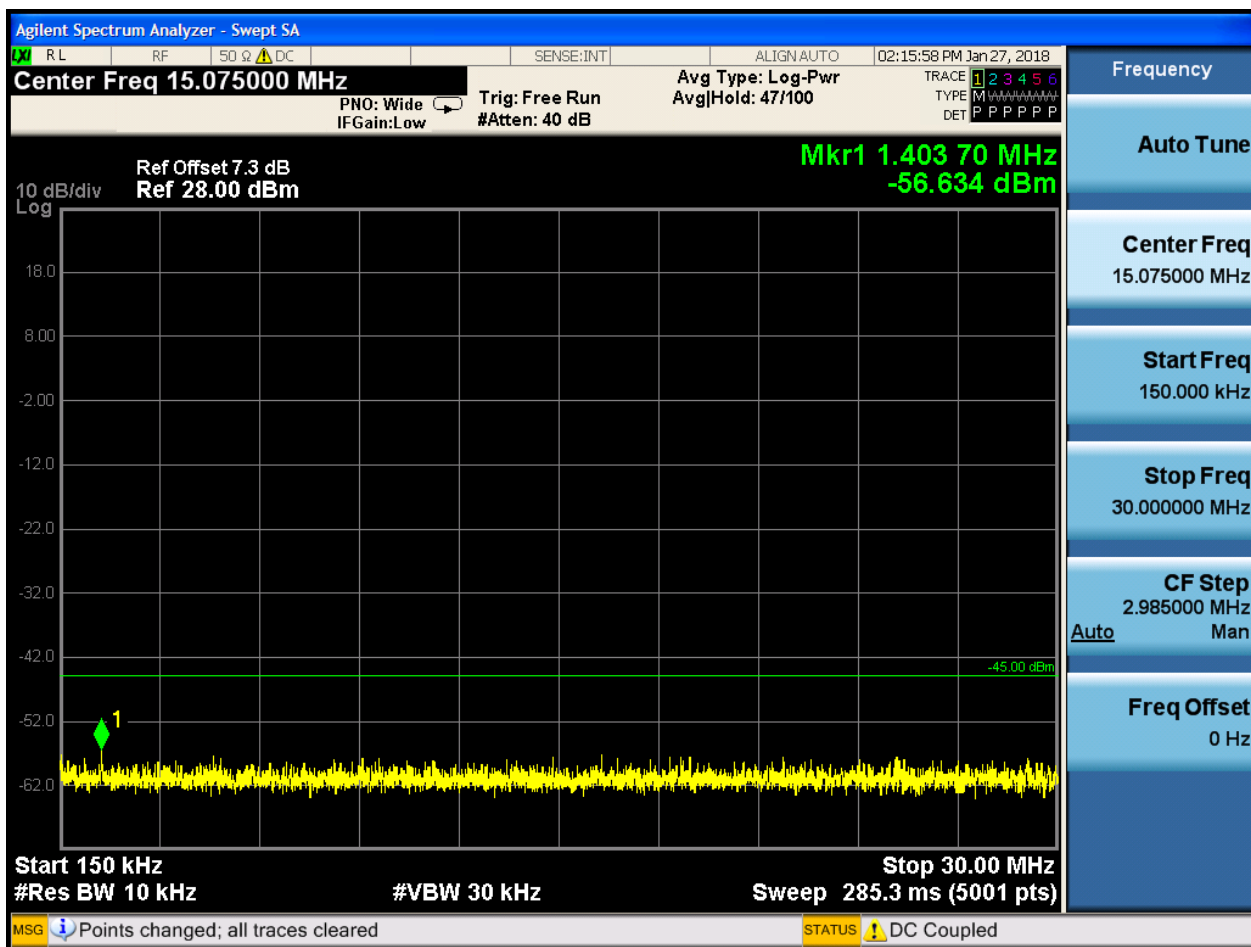






#### 6.1.1.2.4.3.1 Test RB = RB1#0







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

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

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

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

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

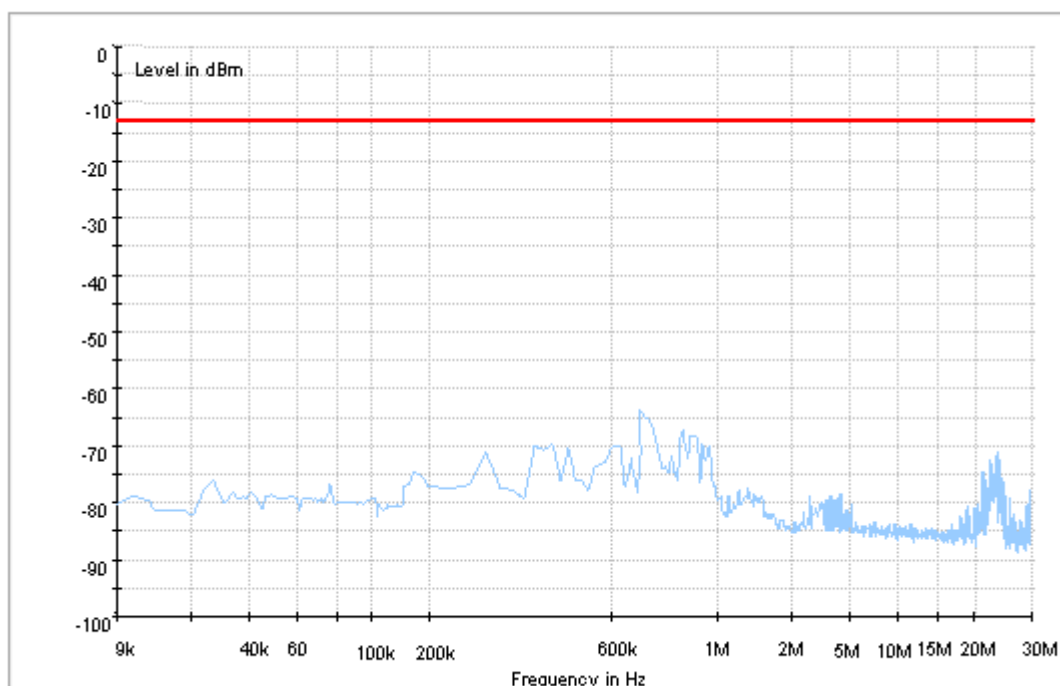
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

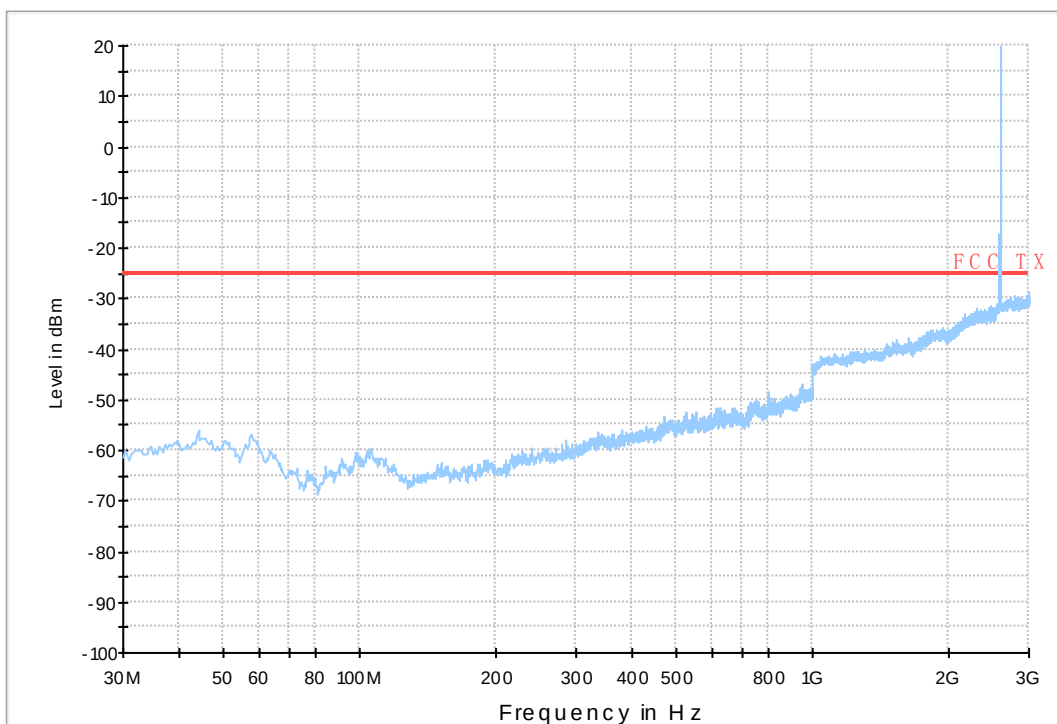
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND38\_ANT1

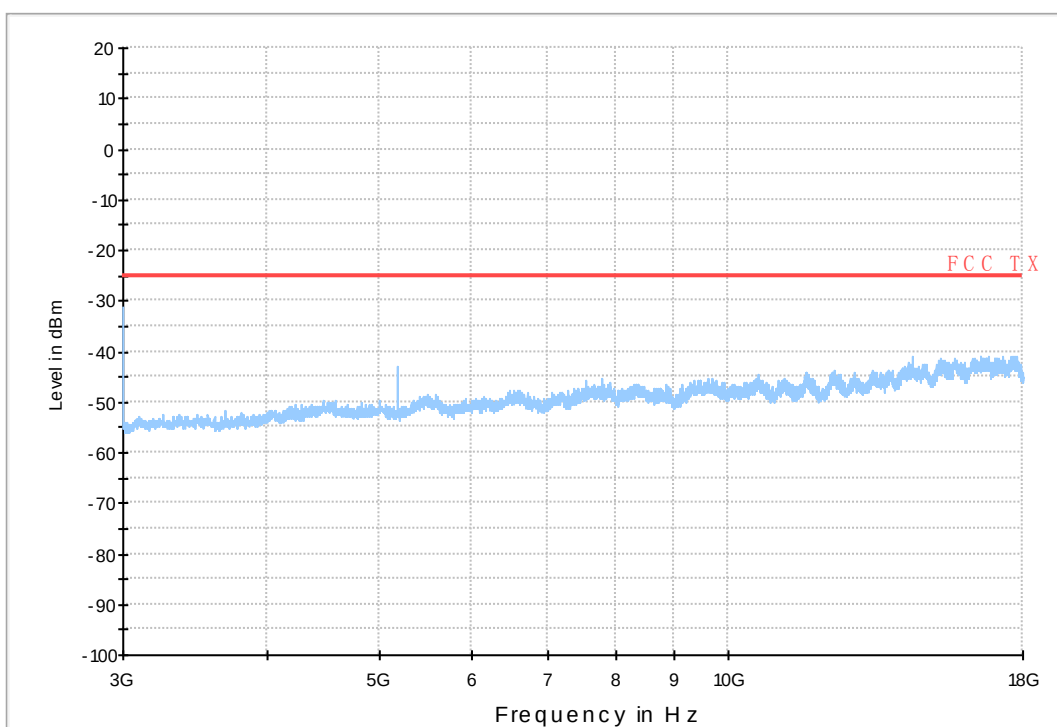
##### 7.1.1.1 Test Bandwidth = 5

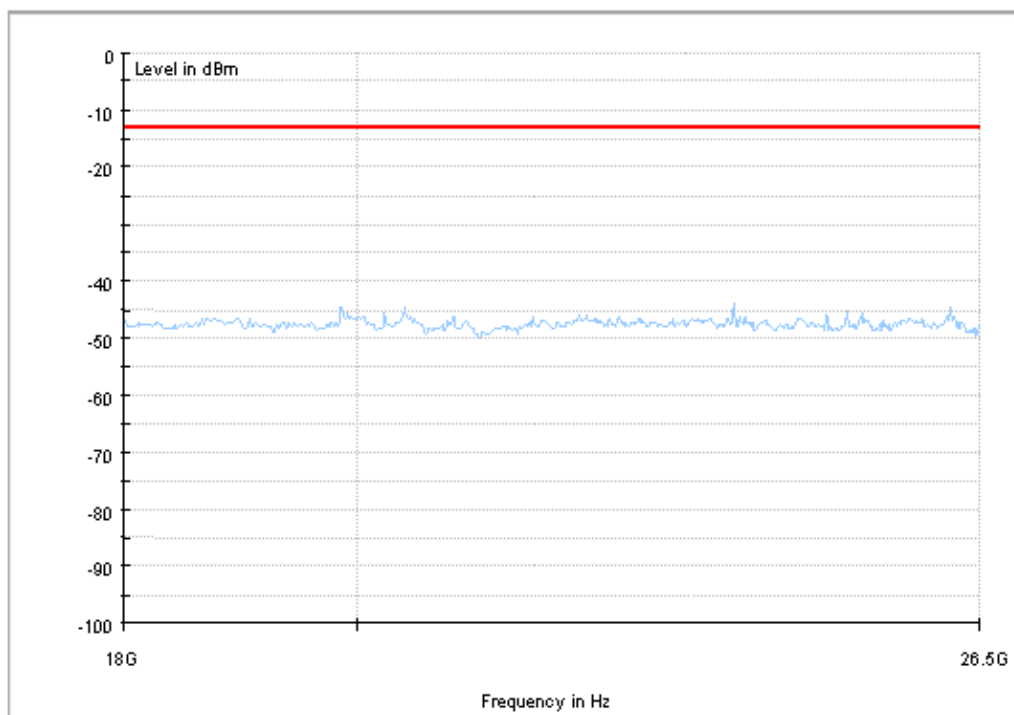


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L

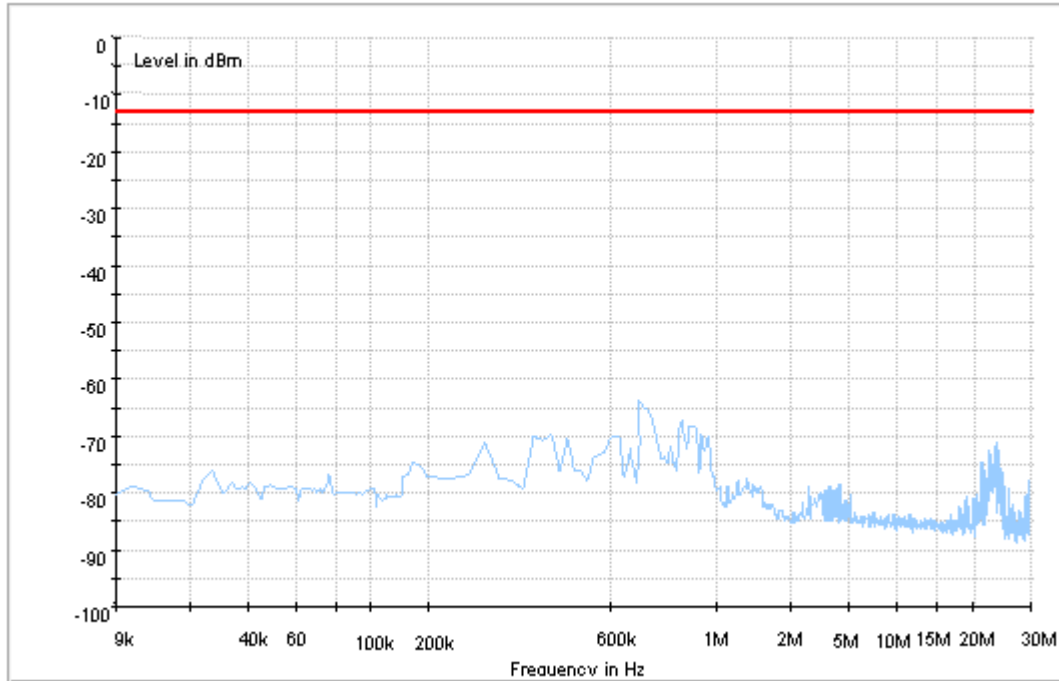


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H

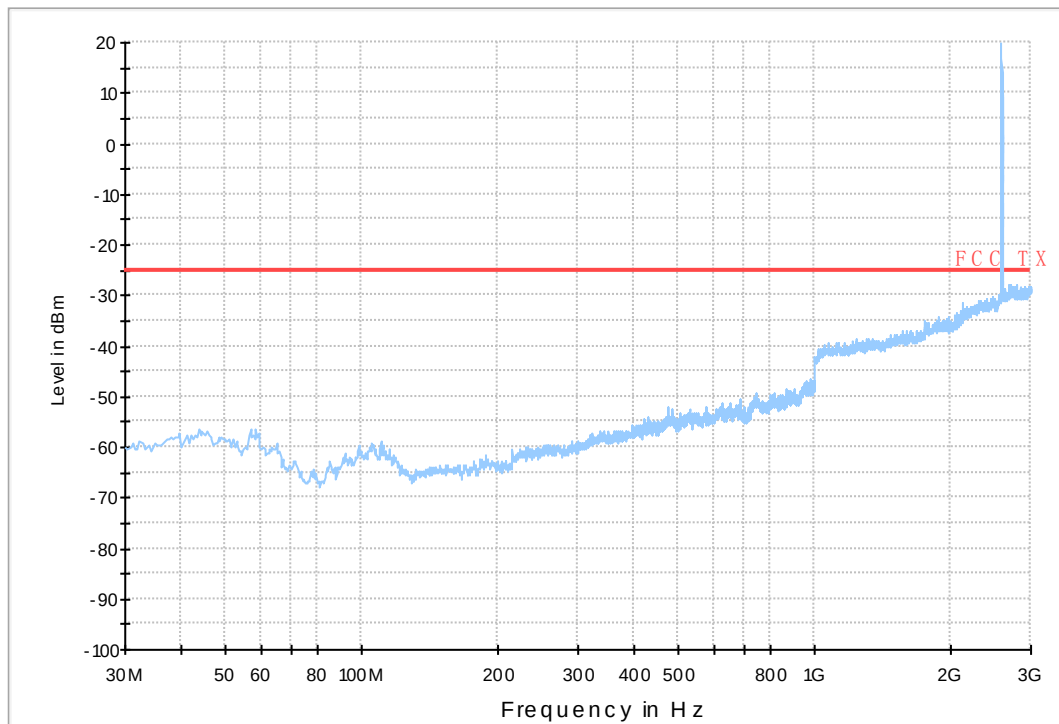




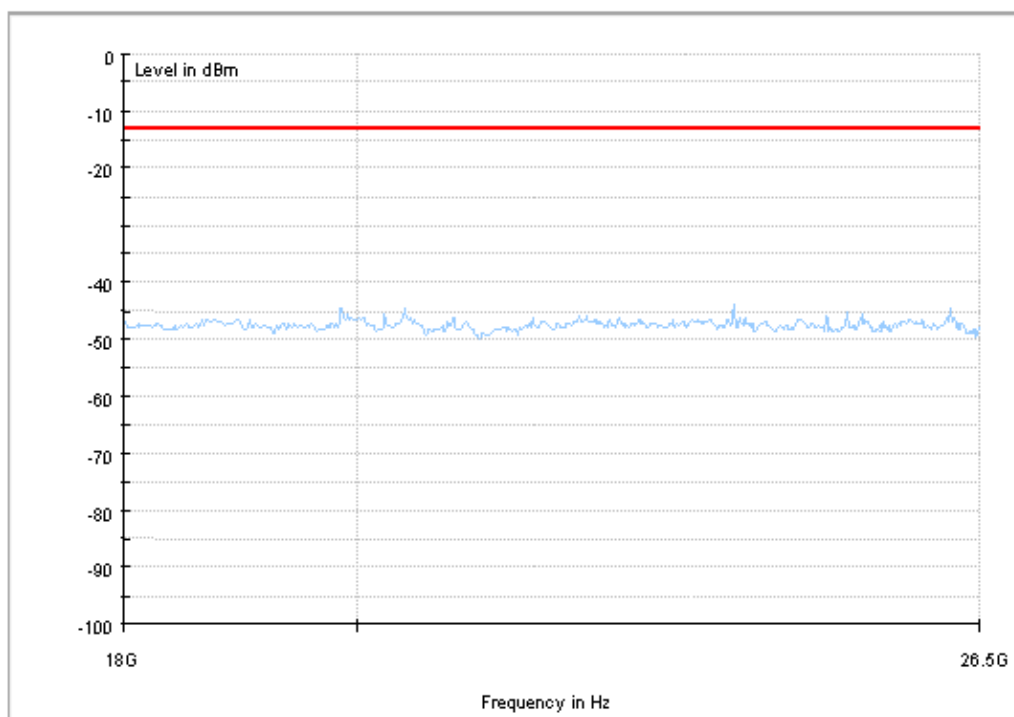
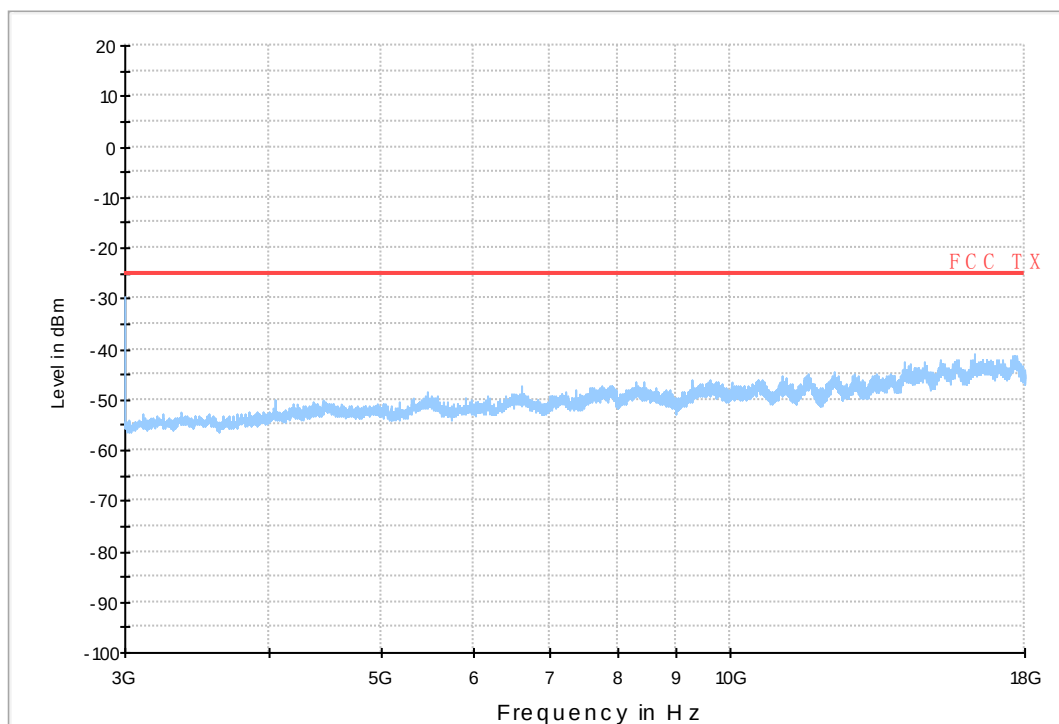
### 7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



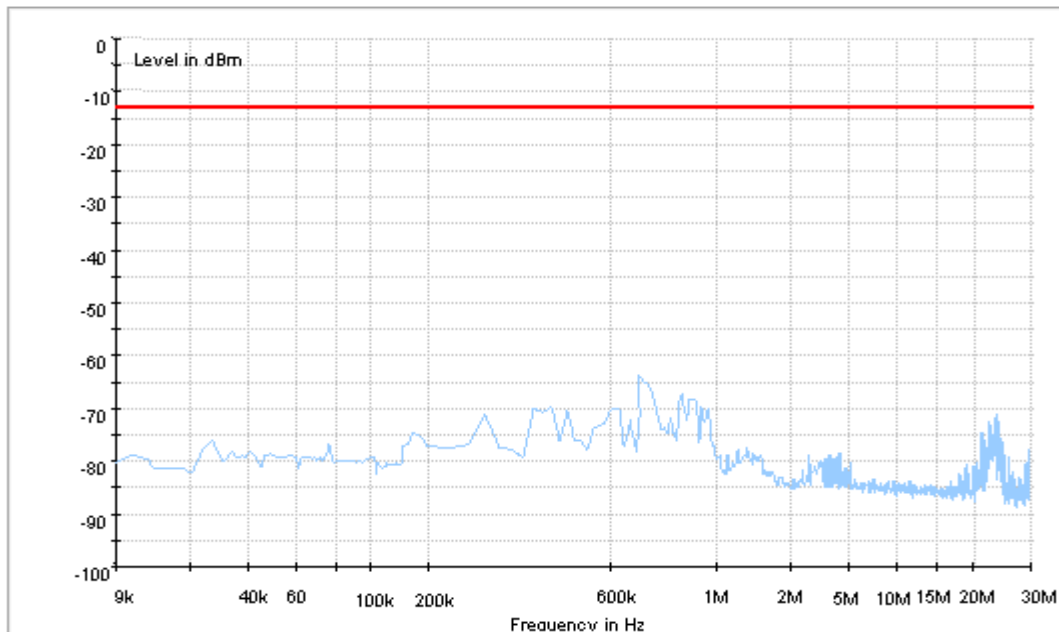
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



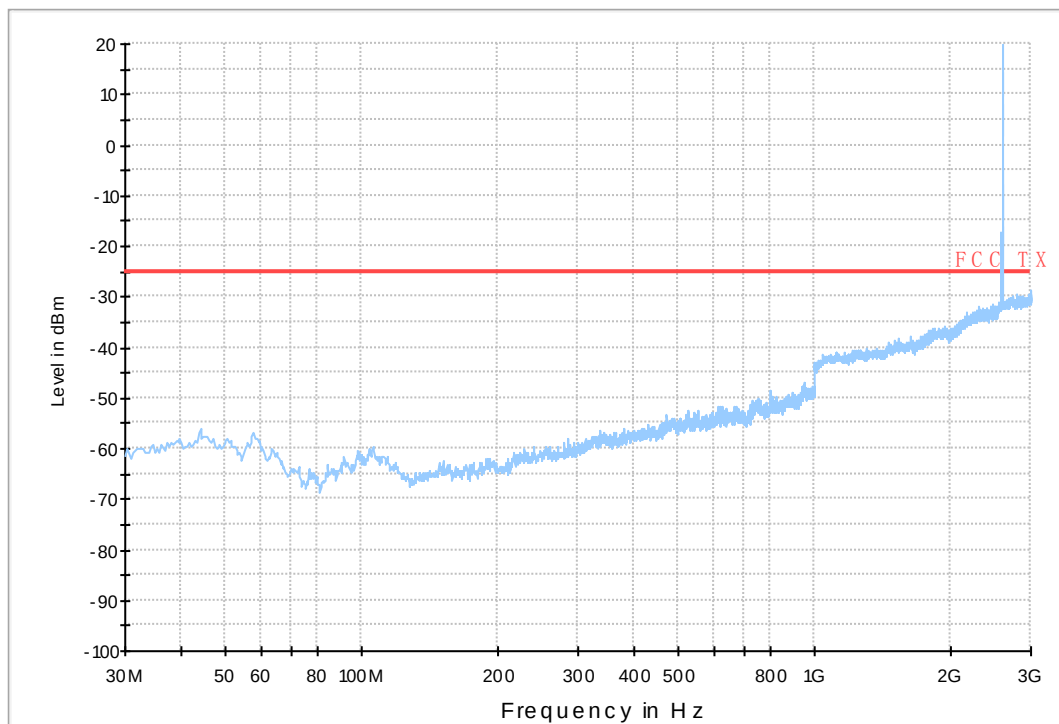


### 7.1.1 Test Band = BAND38\_ANT2

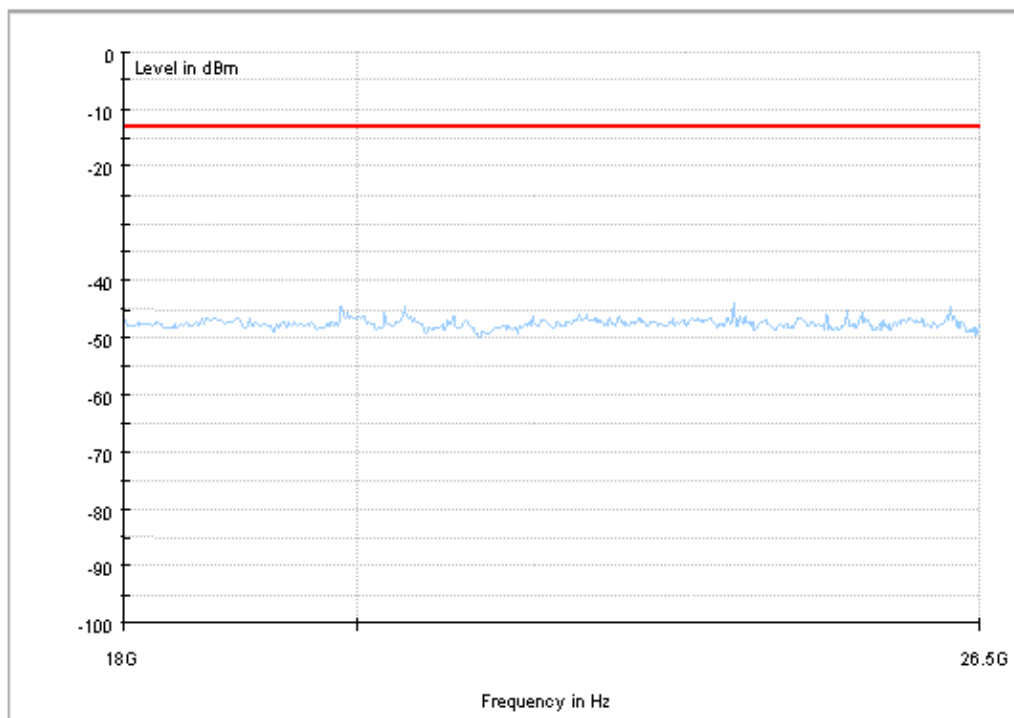
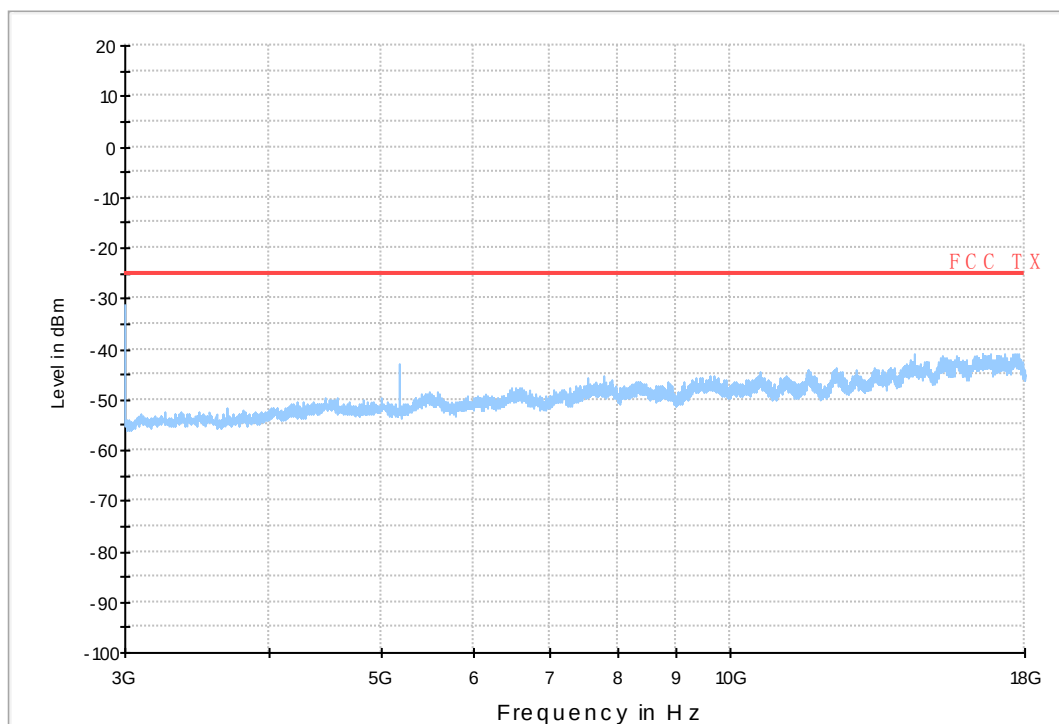
#### 7.1.1.1 Test Bandwidth = 5



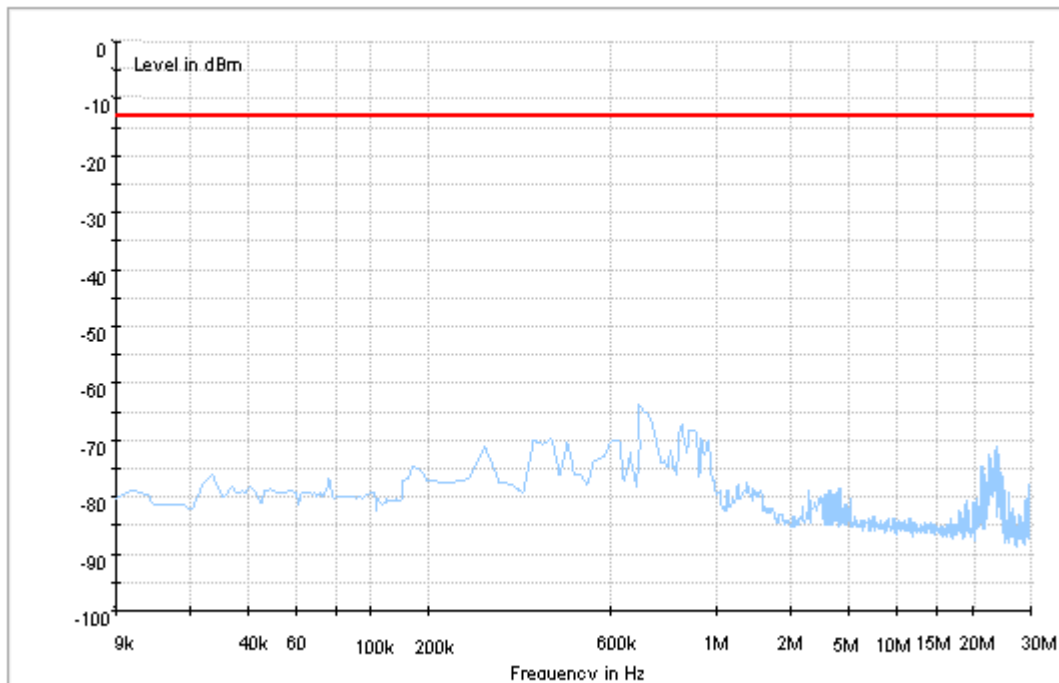
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



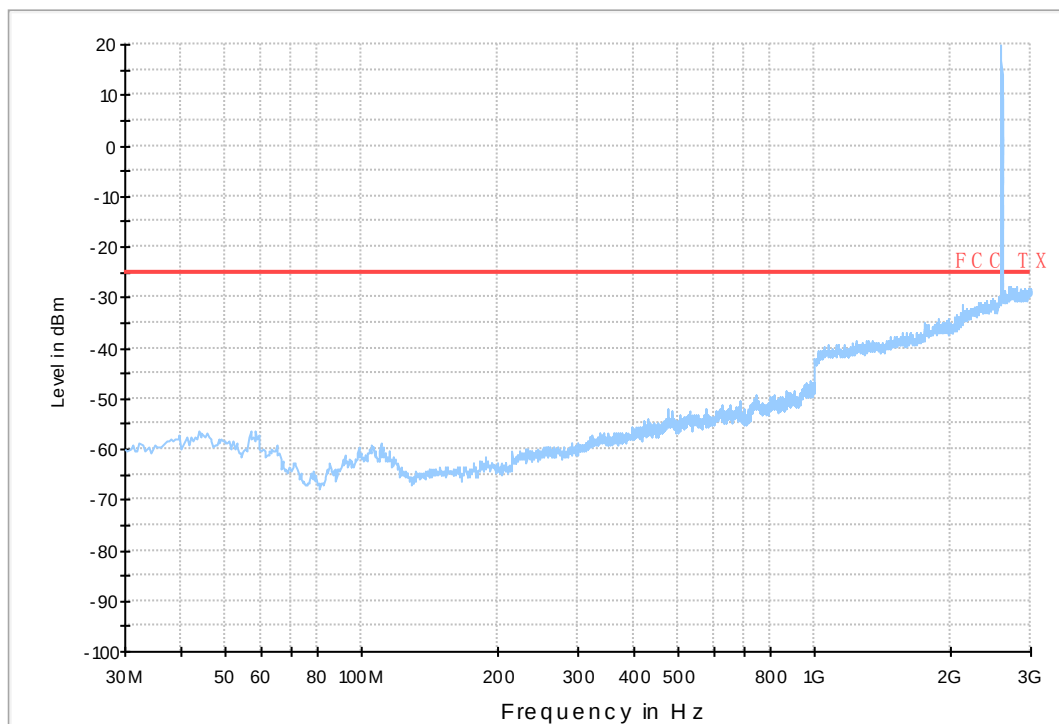
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



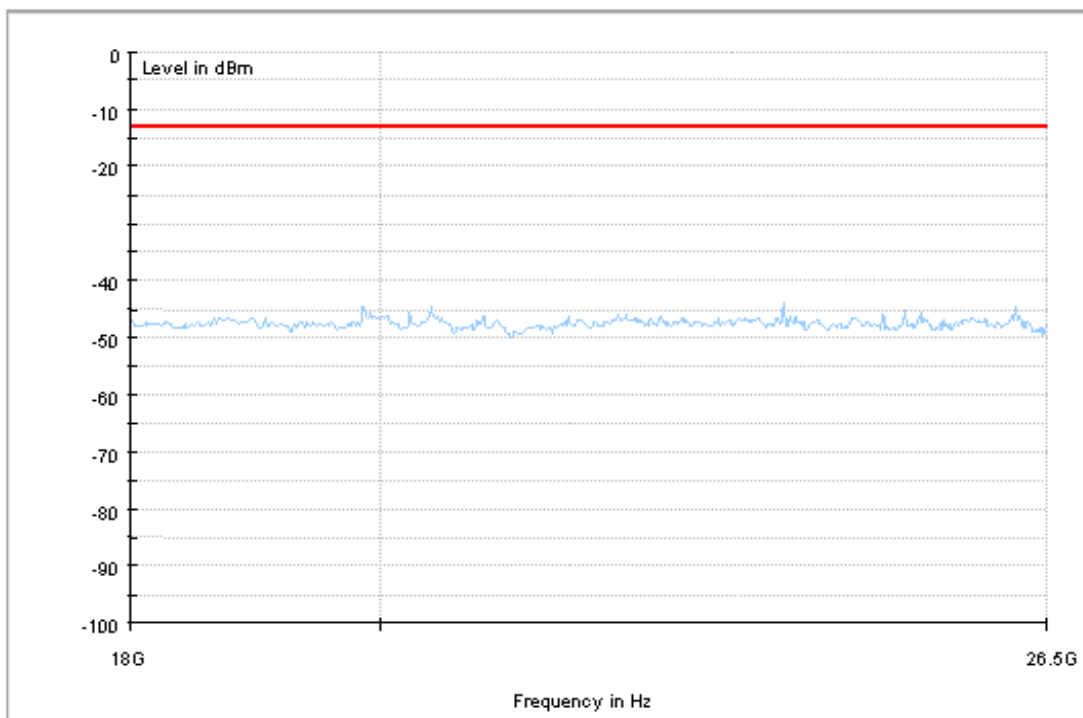
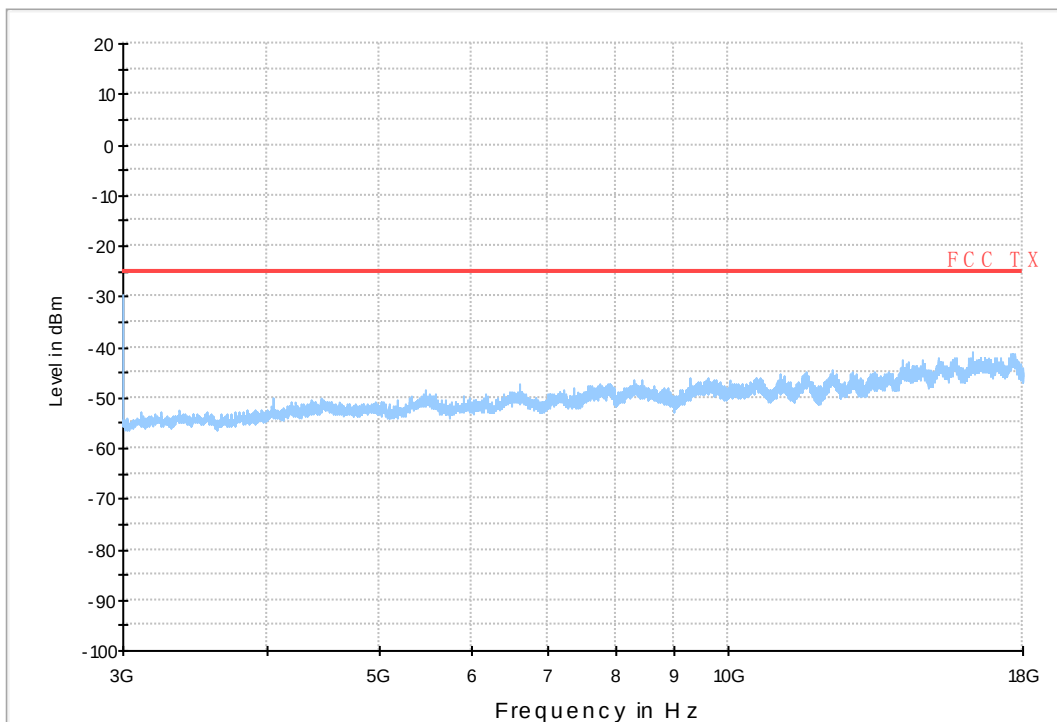
### 7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND38    | LTE/TM1   | 5                    | LCH          | TN         | VL         | -27.58           | -0.01072              | PASS    |
|           |           |                      |              |            | VN         | -27.44           | -0.01067              | PASS    |
|           |           |                      |              |            | VH         | -17.57           | -0.00683              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -16.84           | -0.00649              | PASS    |
|           |           |                      |              |            | VN         | -21.30           | -0.00821              | PASS    |
|           |           |                      |              |            | VH         | -17.48           | -0.00674              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -72.43           | -0.02767              | PASS    |
|           |           |                      |              |            | VN         | -19.41           | -0.00742              | PASS    |
|           |           |                      |              |            | VH         | -22.20           | -0.00848              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -18.18           | -0.00706              | PASS    |
|           |           |                      |              |            | VN         | -15.03           | -0.00584              | PASS    |
|           |           |                      |              |            | VH         | -15.29           | -0.00594              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -18.14           | -0.00699              | PASS    |
|           |           |                      |              |            | VN         | -14.10           | -0.00543              | PASS    |
|           |           |                      |              |            | VH         | -12.50           | -0.00482              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -17.84           | -0.00682              | PASS    |
|           |           |                      |              |            | VN         | -17.29           | -0.00661              | PASS    |
|           |           |                      |              |            | VH         | -16.18           | -0.00619              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -15.05           | -0.00584              | PASS    |
|           |           |                      |              |            | VN         | -14.45           | -0.00561              | PASS    |
|           |           |                      |              |            | VH         | -18.75           | -0.00727              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -16.47           | -0.00635              | PASS    |
|           |           |                      |              |            | VN         | -22.02           | -0.00849              | PASS    |
|           |           |                      |              |            | VH         | -18.11           | -0.00698              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -12.57           | -0.00481              | PASS    |
|           |           |                      |              |            | VN         | -16.79           | -0.00643              | PASS    |
|           |           |                      |              |            | VH         | -15.82           | -0.00606              | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -11.42           | -0.00443              | PASS    |
|           |           |                      |              |            | VN         | -14.28           | -0.00553              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict  |          |      |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|----------|----------|------|
|           |           |                      |              | TN         | VH         | -17.68           | -0.00685              | PASS     |          |      |
|           |           |                      |              |            | VL         | -17.78           | -0.00685              | PASS     |          |      |
|           |           |                      |              |            | VN         | -16.62           | -0.0064               | PASS     |          |      |
|           |           |                      |              |            | VH         | -17.19           | -0.00662              | PASS     |          |      |
|           |           |                      | MCH          | TN         | VL         | -14.91           | -0.00571              | PASS     |          |      |
|           |           |                      |              |            | VN         | -15.56           | -0.00596              | PASS     |          |      |
|           |           |                      |              |            | VH         | -16.29           | -0.00624              | PASS     |          |      |
|           |           |                      |              |            |            |                  |                       |          |          |      |
|           |           |                      |              | LCH        | TN         | VL               | -11.29                | -0.00439 | PASS     |      |
|           |           |                      |              |            |            | VN               | -11.66                | -0.00453 | PASS     |      |
|           |           |                      |              |            |            | VH               | -11.10                | -0.00431 | PASS     |      |
|           |           |                      |              |            | MCH        | TN               | VL                    | -14.56   | -0.00561 | PASS |
|           | VN        |                      |              |            |            |                  | -13.99                | -0.00539 | PASS     |      |
|           | VH        |                      |              |            |            |                  | -17.08                | -0.00658 | PASS     |      |
|           | HCH       |                      |              | TN         | VL         | -16.55           | -0.00632              | PASS     |          |      |
|           |           |                      |              |            | VN         | -13.78           | -0.00526              | PASS     |          |      |
|           |           |                      |              |            | VH         | -14.72           | -0.00562              | PASS     |          |      |
|           |           |                      |              |            | LCH        | TN               | VL                    | -11.27   | -0.00438 | PASS |
|           |           |                      |              |            |            |                  | VN                    | -13.43   | -0.00522 | PASS |
|           |           |                      |              |            |            |                  | VH                    | -8.74    | -0.00339 | PASS |
|           |           |                      | MCH          |            | TN         | VL               | -16.95                | -0.00653 | PASS     |      |
|           |           |                      |              |            |            | VN               | -11.03                | -0.00425 | PASS     |      |
|           |           |                      |              |            |            | VH               | -15.21                | -0.00586 | PASS     |      |
|           | HCH       |                      | TN           |            | VL         | -12.50           | -0.00478              | PASS     |          |      |
|           |           | VN                   |              |            | -17.94     | -0.00686         | PASS                  |          |          |      |
|           |           | VH                   |              |            | -13.96     | -0.00534         | PASS                  |          |          |      |
|           |           |                      |              | LCH        | TN         | VL               | -13.48                | -0.00523 | PASS     |      |
|           |           |                      |              |            |            | VN               | -12.63                | -0.0049  | PASS     |      |
|           |           |                      |              |            |            | VH               | -18.30                | -0.0071  | PASS     |      |
|           |           |                      |              | MCH        | TN         | VL               | -15.31                | -0.0059  | PASS     |      |
|           |           |                      |              |            |            | VN               | -11.56                | -0.00445 | PASS     |      |
|           |           |                      |              |            |            | VH               | -13.43                | -0.00518 | PASS     |      |
|           |           |                      |              | HCH        | TN         | VL               | -16.14                | -0.00618 | PASS     |      |
|           |           |                      |              |            |            | VN               | -13.88                | -0.00531 | PASS     |      |
|           |           |                      |              |            |            | VH               | -13.90                | -0.00532 | PASS     |      |
|           |           |                      |              |            | LCH        | TN               | VL                    | -15.49   | -0.006   | PASS |
|           |           |                      |              |            |            |                  | VN                    | -17.50   | -0.00678 | PASS |
|           |           |                      |              |            |            |                  | VH                    | -14.22   | -0.00551 | PASS |
|           | MCH       | TN                   | VL           |            | -13.69     | -0.00528         | PASS                  |          |          |      |
| VN        |           |                      | -12.45       |            | -0.0048    | PASS             |                       |          |          |      |
|           |           |                      |              |            |            |                  |                       |          |          |      |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      | HCH          | TN         | VH         | -14.16           | -0.00546              | PASS    |
|           |           |                      |              |            | VL         | -16.16           | -0.00619              | PASS    |
|           |           |                      |              |            | VN         | -15.31           | -0.00587              | PASS    |
|           |           |                      |              |            | VH         | -15.96           | -0.00611              | PASS    |

### 8.1.2 Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| BAND38    | LTE/TM1   | 5                    | LCH          | VN         | -30       | -11.76           | -0.00457              | PASS    |
|           |           |                      |              |            | -20       | -18.11           | -0.00704              | PASS    |
|           |           |                      |              |            | -10       | -14.78           | -0.00575              | PASS    |
|           |           |                      |              |            | 0         | -12.69           | -0.00493              | PASS    |
|           |           |                      |              |            | 10        | -12.97           | -0.00504              | PASS    |
|           |           |                      |              |            | 20        | -45.06           | -0.01752              | PASS    |
|           |           |                      |              |            | 30        | -16.59           | -0.00645              | PASS    |
|           |           |                      |              |            | 40        | -17.29           | -0.00672              | PASS    |
|           |           |                      |              |            | 50        | -11.96           | -0.00465              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -18.18           | -0.00701              | PASS    |
|           |           |                      |              |            | -20       | -17.40           | -0.00671              | PASS    |
|           |           |                      |              |            | -10       | -17.01           | -0.00655              | PASS    |
|           |           |                      |              |            | 0         | -16.94           | -0.00653              | PASS    |
|           |           |                      |              |            | 10        | -19.93           | -0.00768              | PASS    |
|           |           |                      |              |            | 20        | -16.45           | -0.00634              | PASS    |
|           |           |                      |              |            | 30        | -14.75           | -0.00568              | PASS    |
|           |           |                      |              |            | 40        | -25.61           | -0.00987              | PASS    |
|           |           |                      |              |            | 50        | -25.96           | -0.01                 | PASS    |
|           |           |                      | HCH          | VN         | -30       | -22.40           | -0.00856              | PASS    |
|           |           |                      |              |            | -20       | -24.88           | -0.00951              | PASS    |
|           |           |                      |              |            | -10       | -28.45           | -0.01087              | PASS    |
|           |           |                      |              |            | 0         | -22.73           | -0.00868              | PASS    |
|           |           |                      |              |            | 10        | -17.87           | -0.00683              | PASS    |
|           |           |                      |              |            | 20        | -16.84           | -0.00643              | PASS    |
|           |           |                      |              |            | 30        | -19.17           | -0.00732              | PASS    |
|           |           |                      |              |            | 40        | -20.57           | -0.00786              | PASS    |
|           |           |                      |              |            | 50        | -12.87           | -0.00492              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -5.78            | -0.00224              | PASS    |
|           |           |                      |              |            | -20       | -13.16           | -0.00511              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | -13.89           | -0.00539              | PASS    |
|           |           |                      |              |            | 0         | -8.75            | -0.0034               | PASS    |
|           |           |                      |              |            | 10        | -16.98           | -0.00659              | PASS    |
|           |           |                      |              |            | 20        | -13.79           | -0.00536              | PASS    |
|           |           |                      |              |            | 30        | -12.27           | -0.00477              | PASS    |
|           |           |                      |              |            | 40        | -12.97           | -0.00504              | PASS    |
|           |           |                      |              |            | 50        | -12.73           | -0.00494              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -17.42           | -0.00671              | PASS    |
|           |           |                      |              |            | -20       | -13.66           | -0.00526              | PASS    |
|           |           |                      |              |            | -10       | -20.11           | -0.00775              | PASS    |
|           |           |                      |              |            | 0         | -15.16           | -0.00584              | PASS    |
|           |           |                      |              |            | 10        | -16.21           | -0.00625              | PASS    |
|           |           |                      |              |            | 20        | -13.92           | -0.00536              | PASS    |
|           |           |                      |              |            | 30        | -15.12           | -0.00583              | PASS    |
|           |           |                      |              |            | 40        | -16.04           | -0.00618              | PASS    |
|           |           |                      |              |            | 50        | -10.43           | -0.00402              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -15.52           | -0.00593              | PASS    |
|           |           |                      |              |            | -20       | -14.33           | -0.00548              | PASS    |
|           |           |                      |              |            | -10       | -12.02           | -0.0046               | PASS    |
|           |           |                      |              |            | 0         | -14.29           | -0.00546              | PASS    |
|           |           |                      |              |            | 10        | -15.95           | -0.0061               | PASS    |
|           |           |                      |              |            | 20        | -14.26           | -0.00545              | PASS    |
|           |           |                      |              |            | 30        | -11.14           | -0.00426              | PASS    |
|           |           |                      |              |            | 40        | -14.28           | -0.00546              | PASS    |
|           |           |                      |              |            | 50        | -11.90           | -0.00455              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -12.75           | -0.00495              | PASS    |
|           |           |                      |              |            | -20       | -12.50           | -0.00485              | PASS    |
|           |           |                      |              |            | -10       | -15.59           | -0.00605              | PASS    |
|           |           |                      |              |            | 0         | -12.53           | -0.00486              | PASS    |
|           |           |                      |              |            | 10        | -17.18           | -0.00667              | PASS    |
|           |           |                      |              |            | 20        | -15.26           | -0.00592              | PASS    |
|           |           |                      |              |            | 30        | -14.32           | -0.00556              | PASS    |
|           |           |                      |              |            | 40        | -12.89           | -0.005                | PASS    |
|           |           |                      |              |            | 50        | -13.06           | -0.00507              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -13.56           | -0.00523              | PASS    |
|           |           |                      |              |            | -20       | -15.05           | -0.0058               | PASS    |
|           |           |                      |              |            | -10       | -12.83           | -0.00494              | PASS    |
|           |           |                      |              |            | 0         | -13.12           | -0.00506              | PASS    |
|           |           |                      |              |            | 10        | -10.61           | -0.00409              | PASS    |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -15.28           | -0.00589              | PASS    |
|           |           |                      |              |            | 30        | -15.75           | -0.00607              | PASS    |
|           |           |                      |              |            | 40        | -17.48           | -0.00674              | PASS    |
|           |           |                      |              |            | 50        | -15.42           | -0.00594              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -16.04           | -0.00614              | PASS    |
|           |           |                      |              |            | -20       | -14.83           | -0.00568              | PASS    |
|           |           |                      |              |            | -10       | -13.09           | -0.00501              | PASS    |
|           |           |                      |              |            | 0         | -14.43           | -0.00552              | PASS    |
|           |           |                      |              |            | 10        | -12.95           | -0.00496              | PASS    |
|           |           |                      |              |            | 20        | -18.24           | -0.00698              | PASS    |
|           |           |                      |              |            | 30        | -13.93           | -0.00533              | PASS    |
|           |           |                      |              |            | 40        | -13.36           | -0.00511              | PASS    |
|           |           |                      |              |            | 50        | -15.41           | -0.0059               | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -13.69           | -0.00531              | PASS    |
|           |           |                      |              |            | -20       | -13.15           | -0.0051               | PASS    |
|           |           |                      |              |            | -10       | -17.82           | -0.00691              | PASS    |
|           |           |                      |              |            | 0         | -14.39           | -0.00558              | PASS    |
|           |           |                      |              |            | 10        | -14.86           | -0.00576              | PASS    |
|           |           |                      |              |            | 20        | -17.37           | -0.00673              | PASS    |
|           |           |                      |              |            | 30        | -17.35           | -0.00672              | PASS    |
|           |           |                      |              |            | 40        | -13.99           | -0.00542              | PASS    |
|           |           |                      |              |            | 50        | -18.07           | -0.007                | PASS    |
|           |           |                      | MCH          | VN         | -30       | -15.06           | -0.0058               | PASS    |
|           |           |                      |              |            | -20       | -12.27           | -0.00473              | PASS    |
|           |           |                      |              |            | -10       | -15.31           | -0.0059               | PASS    |
|           |           |                      |              |            | 0         | -15.52           | -0.00598              | PASS    |
|           |           |                      |              |            | 10        | -15.91           | -0.00613              | PASS    |
|           |           |                      |              |            | 20        | -15.48           | -0.00597              | PASS    |
|           |           |                      |              |            | 30        | -14.93           | -0.00575              | PASS    |
|           |           |                      |              |            | 40        | -15.28           | -0.00589              | PASS    |
|           |           |                      |              |            | 50        | -13.92           | -0.00536              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -13.49           | -0.00517              | PASS    |
|           |           |                      |              |            | -20       | -16.05           | -0.00615              | PASS    |
|           |           |                      |              |            | -10       | -15.38           | -0.00589              | PASS    |
|           |           |                      |              |            | 0         | -17.04           | -0.00653              | PASS    |
|           |           |                      |              |            | 10        | -15.42           | -0.00591              | PASS    |
|           |           |                      |              |            | 20        | -15.16           | -0.00581              | PASS    |
|           |           |                      |              |            | 30        | -14.62           | -0.0056               | PASS    |
|           |           |                      |              |            | 40        | -16.85           | -0.00646              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           | LTE/TM2   | 5                    | LCH          | VN         | 50        | -16.79           | -0.00643              | PASS    |
|           |           |                      |              |            | -30       | -15.46           | -0.00601              | PASS    |
|           |           |                      |              |            | -20       | -7.02            | -0.00273              | PASS    |
|           |           |                      |              |            | -10       | -13.05           | -0.00507              | PASS    |
|           |           |                      |              |            | 0         | -10.23           | -0.00398              | PASS    |
|           |           |                      |              |            | 10        | -12.25           | -0.00476              | PASS    |
|           |           |                      |              |            | 20        | -8.78            | -0.00341              | PASS    |
|           |           |                      |              |            | 30        | -11.43           | -0.00444              | PASS    |
|           |           |                      |              |            | 40        | -9.28            | -0.00361              | PASS    |
|           |           |                      |              |            | 50        | -13.60           | -0.00529              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -11.56           | -0.00445              | PASS    |
|           |           |                      |              |            | -20       | -12.35           | -0.00476              | PASS    |
|           |           |                      |              |            | -10       | -15.59           | -0.00601              | PASS    |
|           |           |                      |              |            | 0         | -14.12           | -0.00544              | PASS    |
|           |           |                      |              |            | 10        | -12.93           | -0.00498              | PASS    |
|           |           |                      |              |            | 20        | -15.08           | -0.00581              | PASS    |
|           |           |                      |              |            | 30        | -15.23           | -0.00587              | PASS    |
|           |           |                      |              |            | 40        | -15.21           | -0.00586              | PASS    |
|           |           |                      |              |            | 50        | -19.25           | -0.00742              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -16.34           | -0.00624              | PASS    |
|           |           |                      |              |            | -20       | -21.47           | -0.0082               | PASS    |
|           |           |                      |              |            | -10       | -16.31           | -0.00623              | PASS    |
|           |           |                      |              |            | 0         | -56.92           | -0.02175              | PASS    |
|           |           |                      |              |            | 10        | -19.01           | -0.00726              | PASS    |
|           |           |                      |              |            | 20        | -16.61           | -0.00635              | PASS    |
|           |           |                      |              |            | 30        | -13.65           | -0.00521              | PASS    |
|           |           |                      |              |            | 40        | -15.99           | -0.00611              | PASS    |
|           |           |                      |              |            | 50        | -16.44           | -0.00628              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -10.37           | -0.00403              | PASS    |
|           |           |                      |              |            | -20       | -8.23            | -0.0032               | PASS    |
|           |           |                      |              |            | -10       | -14.96           | -0.00581              | PASS    |
|           |           |                      |              |            | 0         | -14.43           | -0.0056               | PASS    |
|           |           |                      |              |            | 10        | -7.67            | -0.00298              | PASS    |
|           |           |                      |              |            | 20        | -7.01            | -0.00272              | PASS    |
|           |           |                      |              |            | 30        | -4.92            | -0.00191              | PASS    |
|           |           |                      |              |            | 40        | -10.51           | -0.00408              | PASS    |
|           |           |                      |              |            | 50        | -8.85            | -0.00344              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -14.28           | -0.0055               | PASS    |
|           |           |                      |              |            | -20       | -15.92           | -0.00613              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | -15.21           | -0.00586              | PASS    |
|           |           |                      |              |            | 0         | -15.84           | -0.0061               | PASS    |
|           |           |                      |              |            | 10        | -13.70           | -0.00528              | PASS    |
|           |           |                      |              |            | 20        | -13.86           | -0.00534              | PASS    |
|           |           |                      |              |            | 30        | -16.34           | -0.0063               | PASS    |
|           |           |                      |              |            | 40        | -11.42           | -0.0044               | PASS    |
|           |           |                      |              |            | 50        | -15.74           | -0.00607              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -14.73           | -0.00563              | PASS    |
|           |           |                      |              |            | -20       | -15.39           | -0.00589              | PASS    |
|           |           |                      |              |            | -10       | -13.68           | -0.00523              | PASS    |
|           |           |                      |              |            | 0         | -19.34           | -0.0074               | PASS    |
|           |           |                      |              |            | 10        | -14.81           | -0.00566              | PASS    |
|           |           |                      |              |            | 20        | -10.23           | -0.00391              | PASS    |
|           |           |                      |              |            | 30        | -14.41           | -0.00551              | PASS    |
|           |           |                      |              |            | 40        | -13.26           | -0.00507              | PASS    |
|           |           |                      |              |            | 50        | -13.05           | -0.00499              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -12.43           | -0.00482              | PASS    |
|           |           |                      |              |            | -20       | -12.10           | -0.00469              | PASS    |
|           |           |                      |              |            | -10       | -14.75           | -0.00572              | PASS    |
|           |           |                      |              |            | 0         | -13.70           | -0.00532              | PASS    |
|           |           |                      |              |            | 10        | -12.06           | -0.00468              | PASS    |
|           |           |                      |              |            | 20        | -12.25           | -0.00475              | PASS    |
|           |           |                      |              |            | 30        | -11.60           | -0.0045               | PASS    |
|           |           |                      |              |            | 40        | -10.59           | -0.00411              | PASS    |
|           |           |                      |              |            | 50        | -12.83           | -0.00498              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -12.22           | -0.00471              | PASS    |
|           |           |                      |              |            | -20       | -11.46           | -0.00442              | PASS    |
|           |           |                      |              |            | -10       | -12.47           | -0.00481              | PASS    |
|           |           |                      |              |            | 0         | -19.35           | -0.00746              | PASS    |
|           |           |                      |              |            | 10        | -13.75           | -0.0053               | PASS    |
|           |           |                      |              |            | 20        | -13.33           | -0.00514              | PASS    |
|           |           |                      |              |            | 30        | -15.88           | -0.00612              | PASS    |
|           |           |                      |              |            | 40        | -10.30           | -0.00397              | PASS    |
|           |           |                      |              |            | 50        | -13.03           | -0.00502              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -14.12           | -0.0054               | PASS    |
|           |           |                      |              |            | -20       | -18.74           | -0.00717              | PASS    |
|           |           |                      |              |            | -10       | -16.14           | -0.00618              | PASS    |
|           |           |                      |              |            | 0         | -13.68           | -0.00524              | PASS    |
|           |           |                      |              |            | 10        | -12.77           | -0.00489              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -12.49           | -0.00478              | PASS    |
|           |           |                      |              |            | 30        | -15.28           | -0.00585              | PASS    |
|           |           |                      |              |            | 40        | -14.09           | -0.00539              | PASS    |
|           |           |                      |              |            | 50        | -13.79           | -0.00528              | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -15.25           | -0.00591              | PASS    |
|           |           |                      |              |            | -20       | -13.25           | -0.00514              | PASS    |
|           |           |                      |              |            | -10       | -15.49           | -0.006                | PASS    |
|           |           |                      |              |            | 0         | -12.65           | -0.0049               | PASS    |
|           |           |                      |              |            | 10        | -13.10           | -0.00508              | PASS    |
|           |           |                      |              |            | 20        | -12.26           | -0.00475              | PASS    |
|           |           |                      |              |            | 30        | -12.46           | -0.00483              | PASS    |
|           |           |                      |              |            | 40        | -14.05           | -0.00545              | PASS    |
|           |           |                      |              |            | 50        | -10.89           | -0.00422              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -14.55           | -0.00561              | PASS    |
|           |           |                      |              |            | -20       | -11.42           | -0.0044               | PASS    |
|           |           |                      |              |            | -10       | -13.19           | -0.00508              | PASS    |
|           |           |                      |              |            | 0         | -14.72           | -0.00567              | PASS    |
|           |           |                      |              |            | 10        | -14.52           | -0.0056               | PASS    |
|           |           |                      |              |            | 20        | -12.83           | -0.00494              | PASS    |
|           |           |                      |              |            | 30        | -16.24           | -0.00626              | PASS    |
|           |           |                      |              |            | 40        | -14.42           | -0.00556              | PASS    |
|           |           |                      |              |            | 50        | -14.81           | -0.00571              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -15.82           | -0.00606              | PASS    |
|           |           |                      |              |            | -20       | -15.08           | -0.00578              | PASS    |
|           |           |                      |              |            | -10       | -13.99           | -0.00536              | PASS    |
|           |           |                      |              |            | 0         | -14.86           | -0.00569              | PASS    |
|           |           |                      |              |            | 10        | -12.37           | -0.00474              | PASS    |
|           |           |                      |              |            | 20        | -16.04           | -0.00615              | PASS    |
|           |           |                      |              |            | 30        | -13.69           | -0.00525              | PASS    |
|           |           |                      |              |            | 40        | -15.75           | -0.00603              | PASS    |
|           |           |                      |              |            | 50        | -14.62           | -0.0056               | PASS    |

END