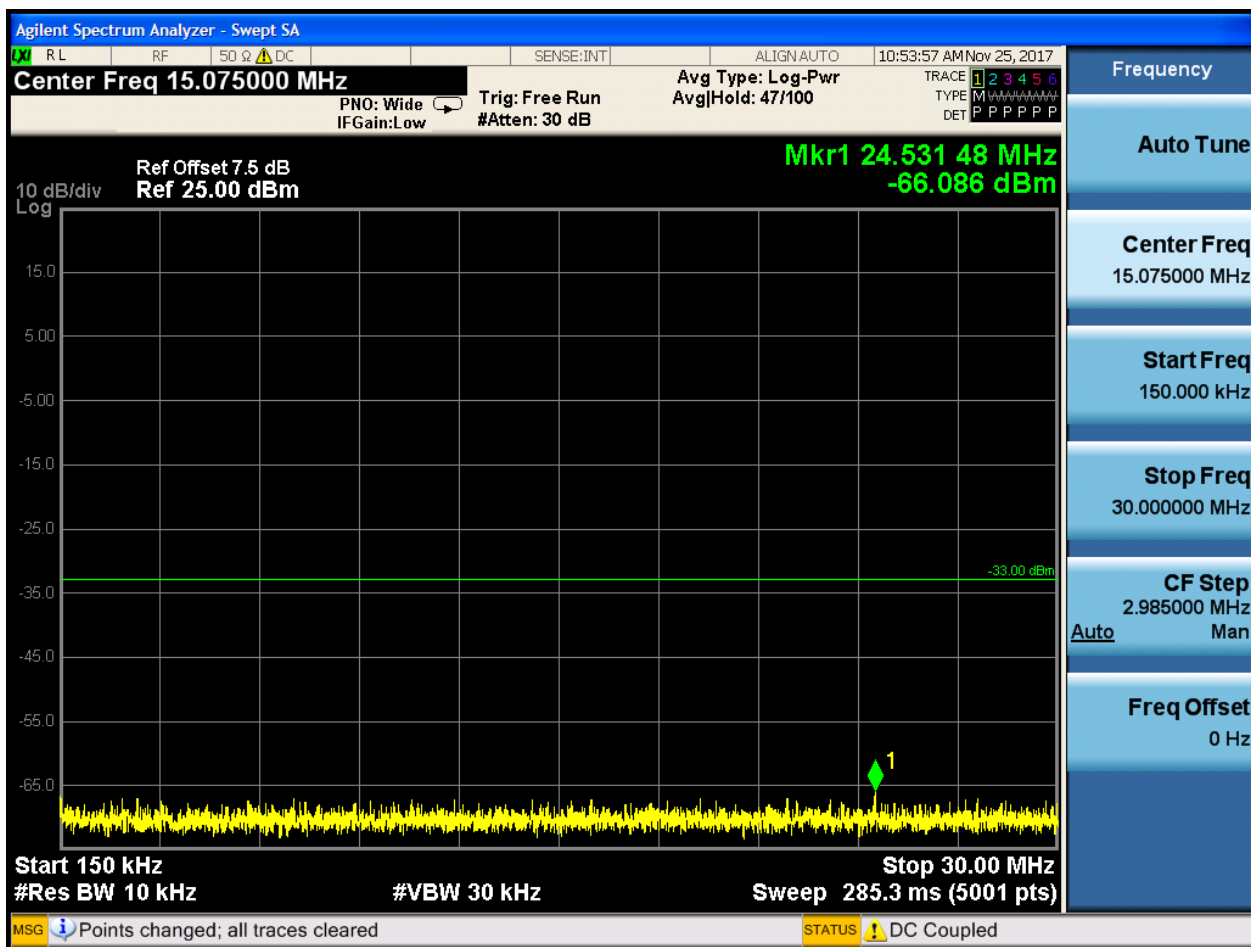
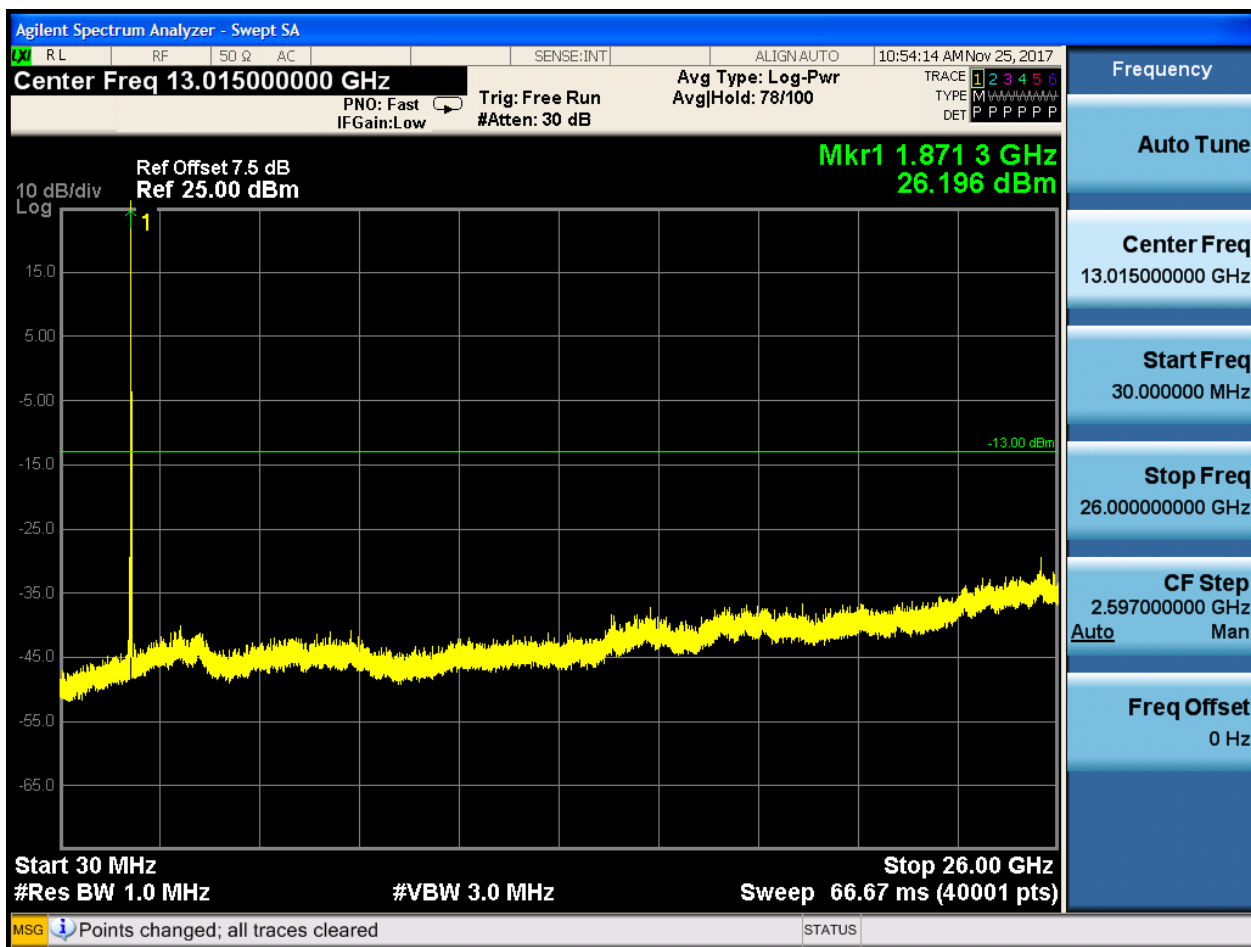
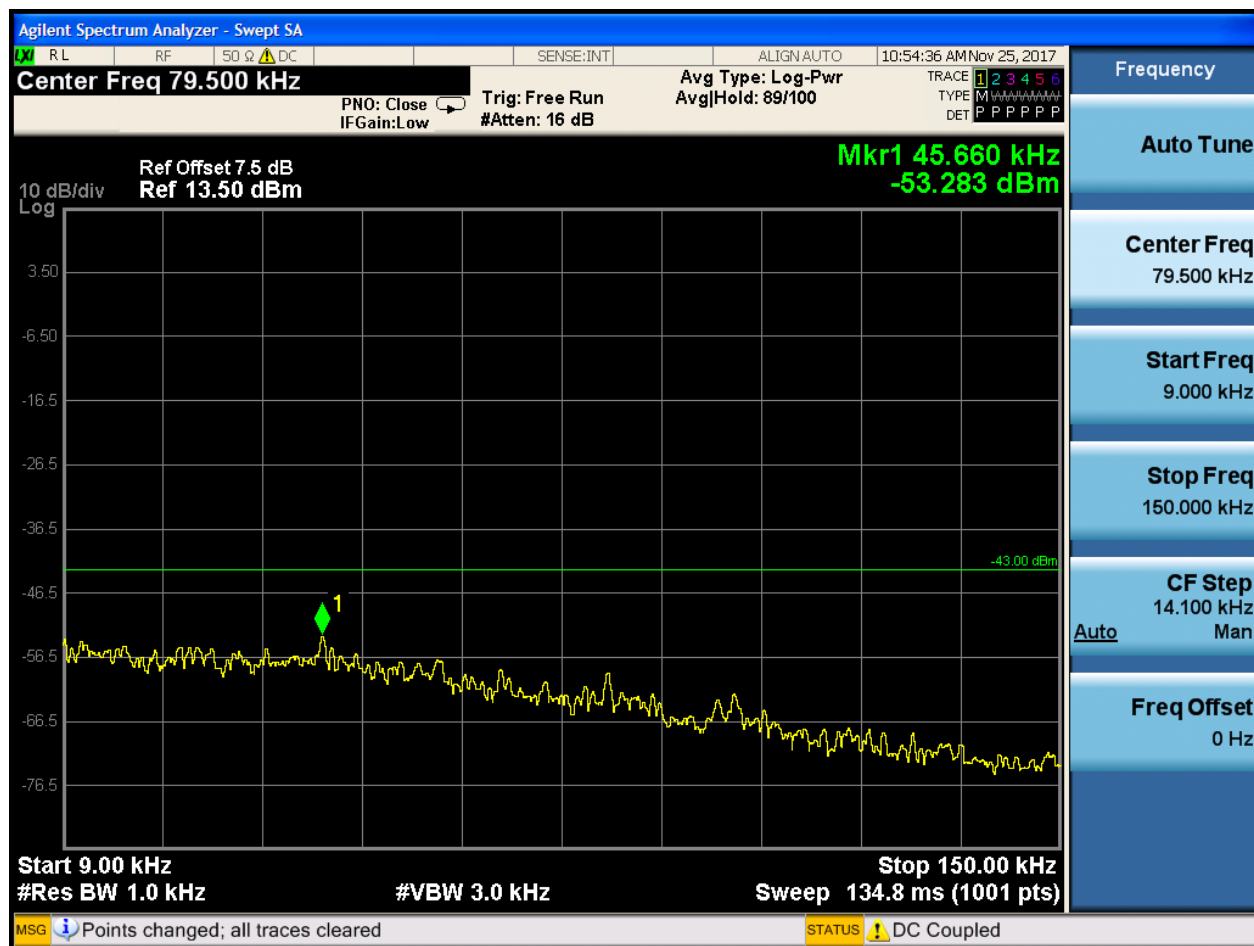


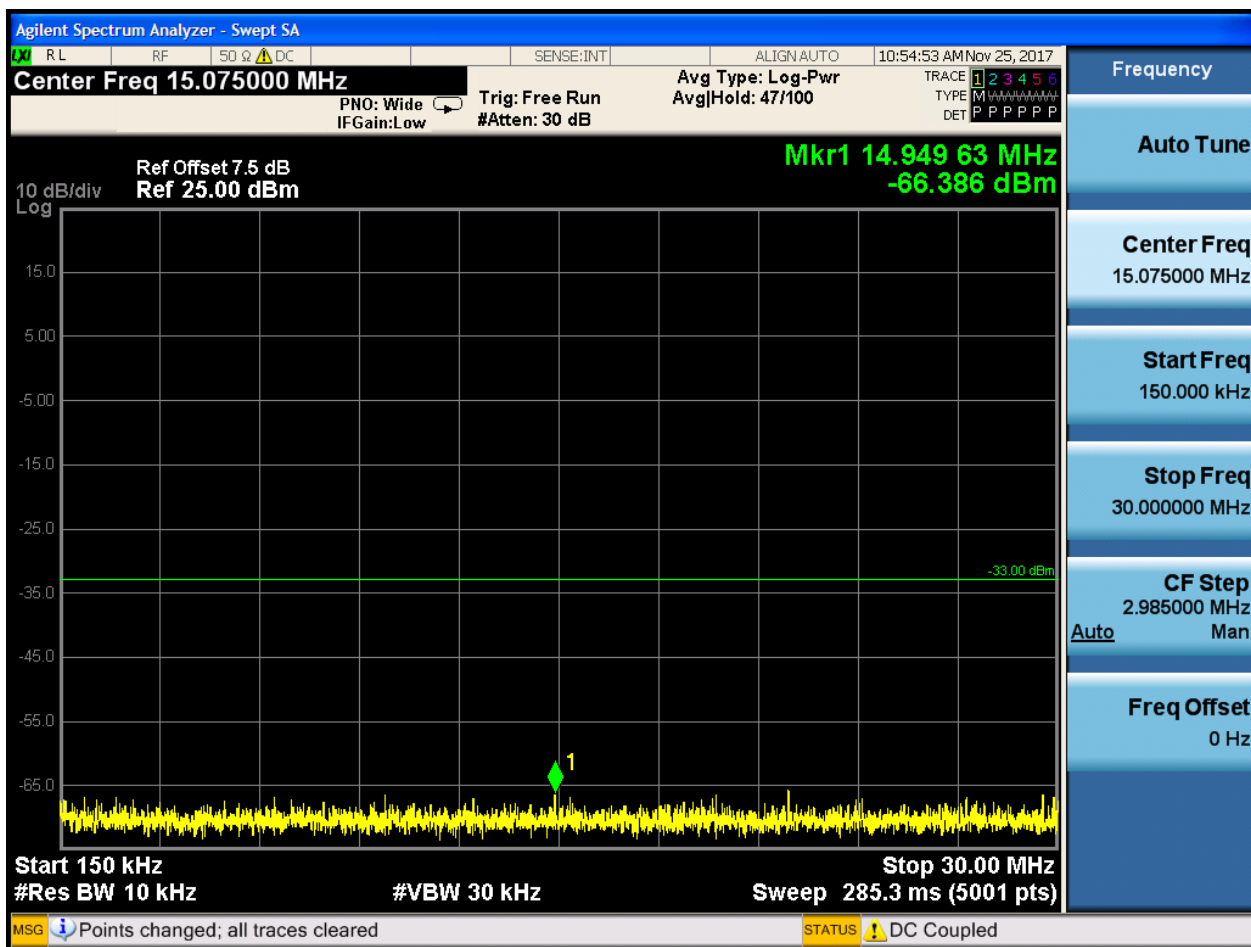


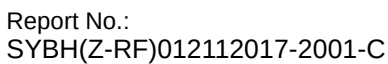


#### 6.1.1.1.6.3 Test Channel = HCH

#### 6.1.1.1.6.3.1 Test RB = RB1#0









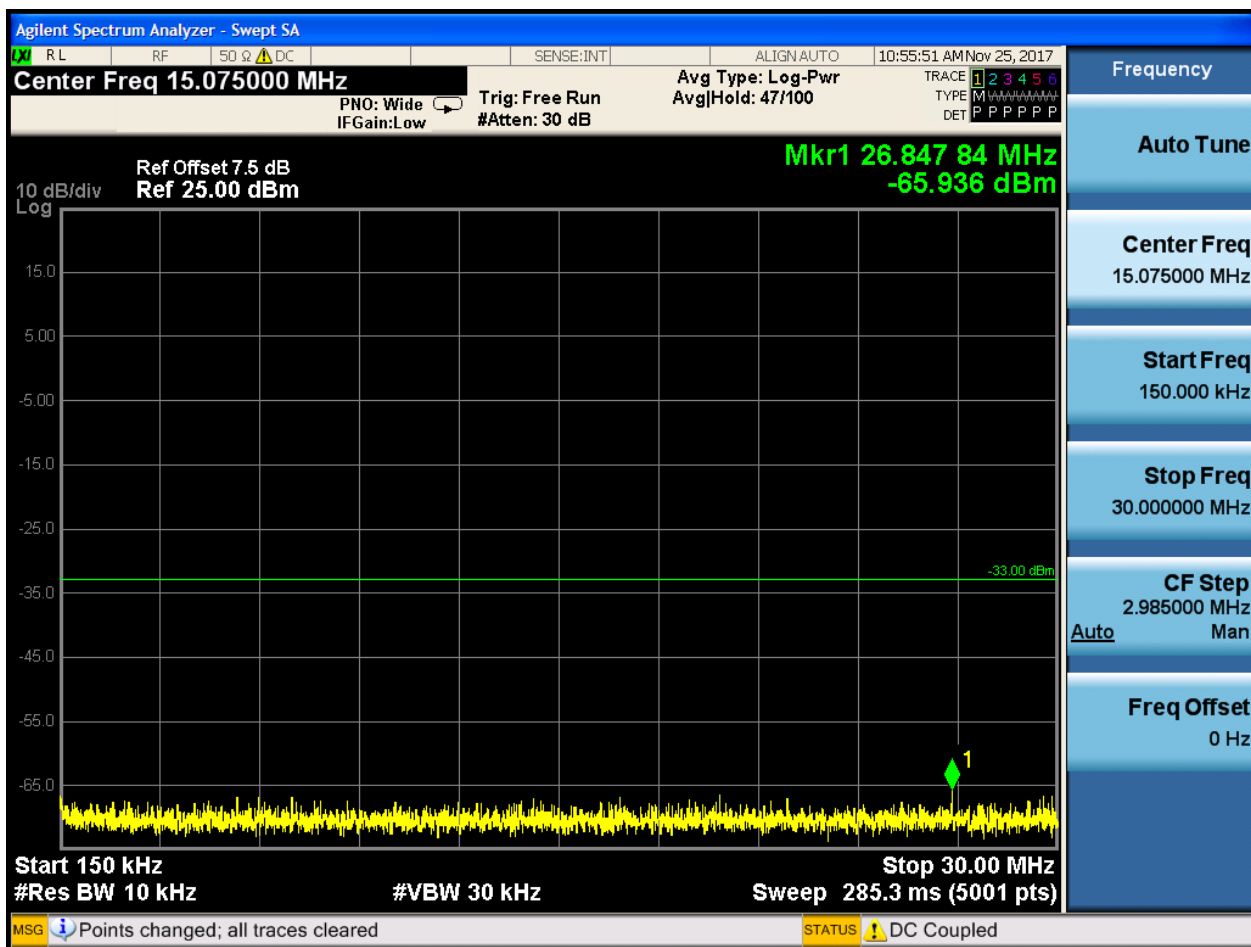
## 6.1.1.2 Test Mode = LTE/TM2

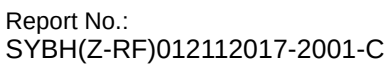
## 6.1.1.2.1 Test Bandwidth = 1.4

## 6.1.1.2.1.1 Test Channel = LCH

## 6.1.1.2.1.1.1 Test RB = RB1#0

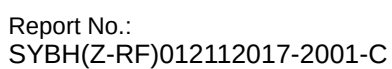


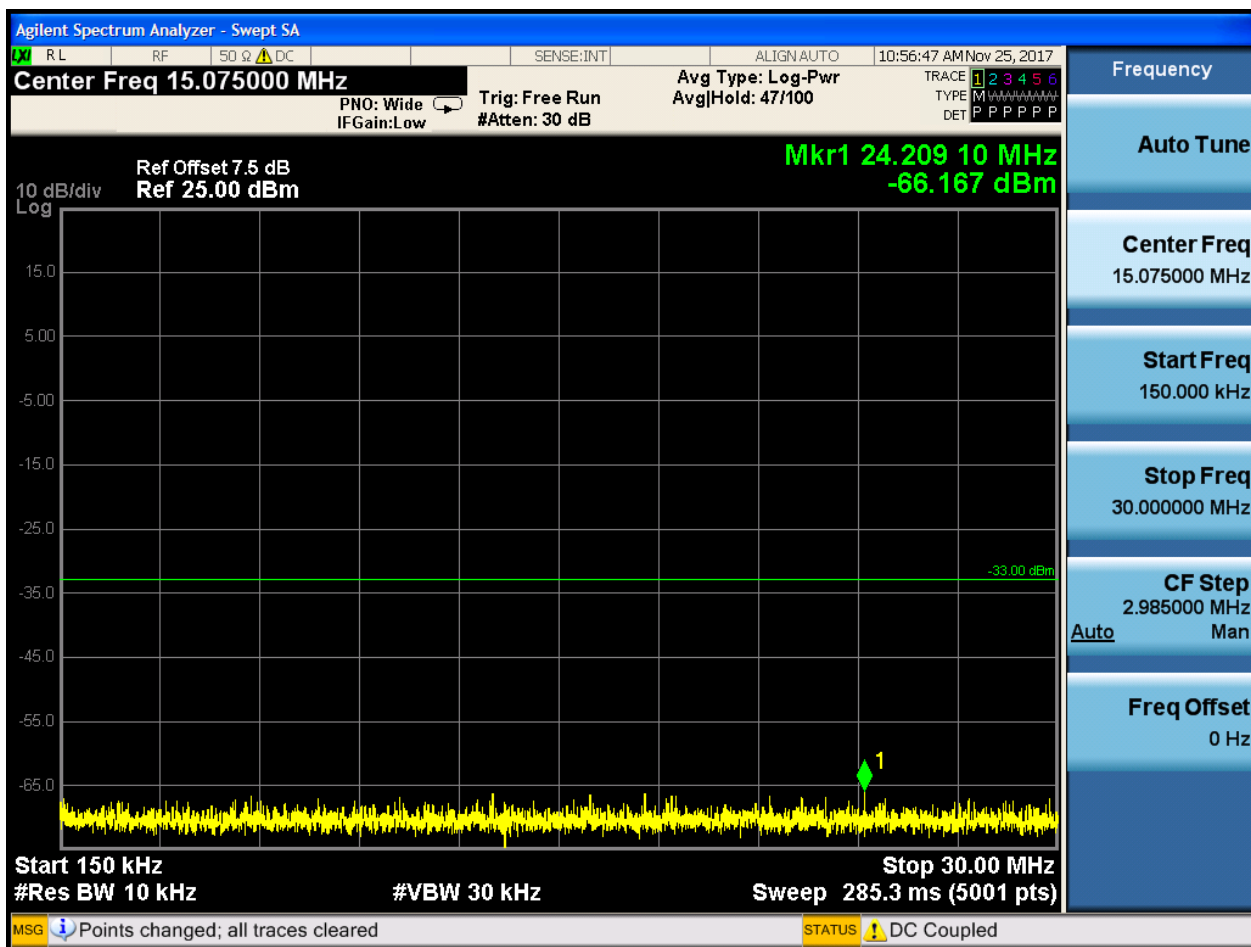


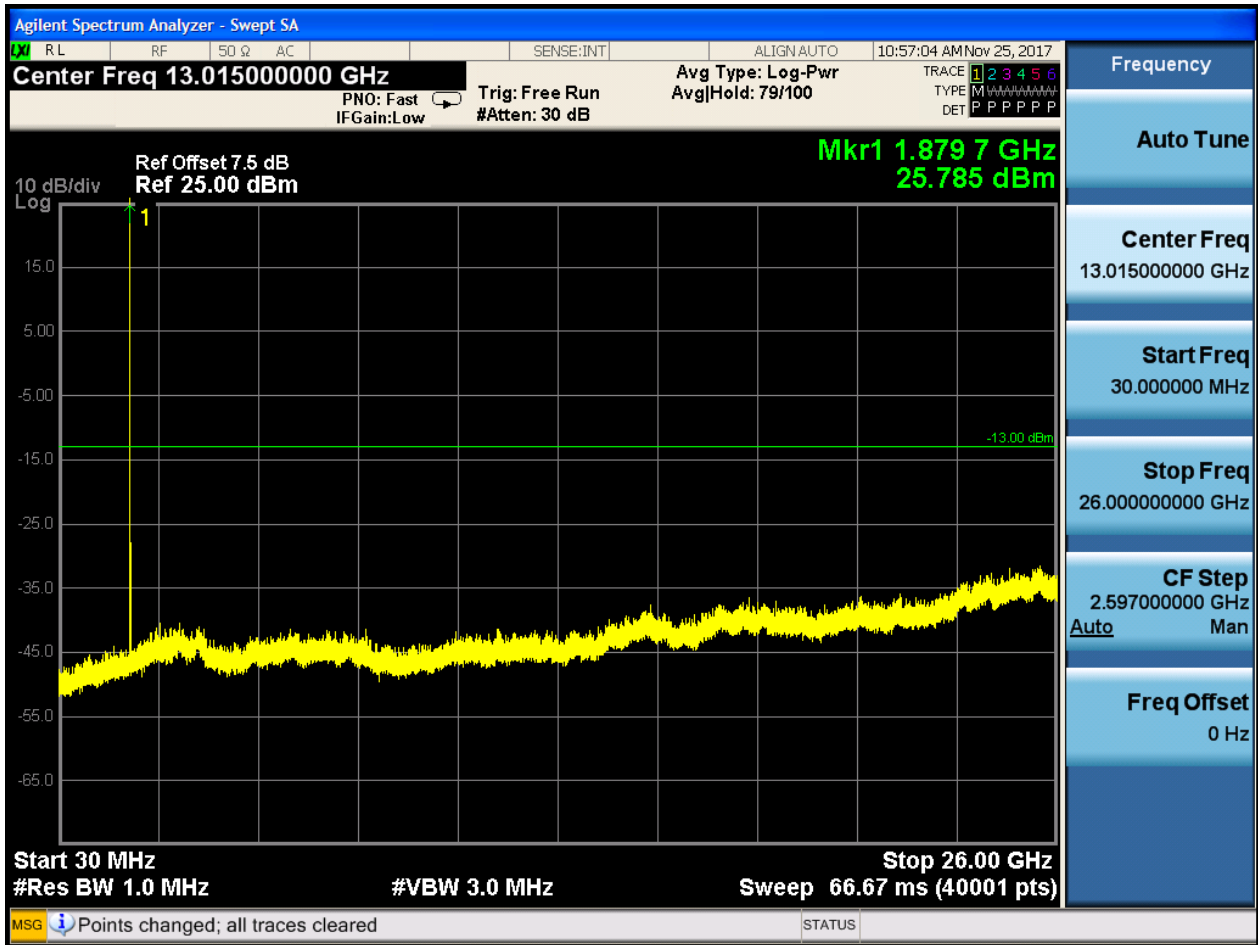




#### 6.1.1.2.1.2.1 Test RB = RB1#0

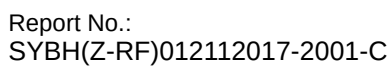


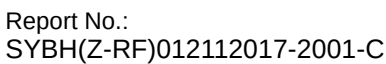


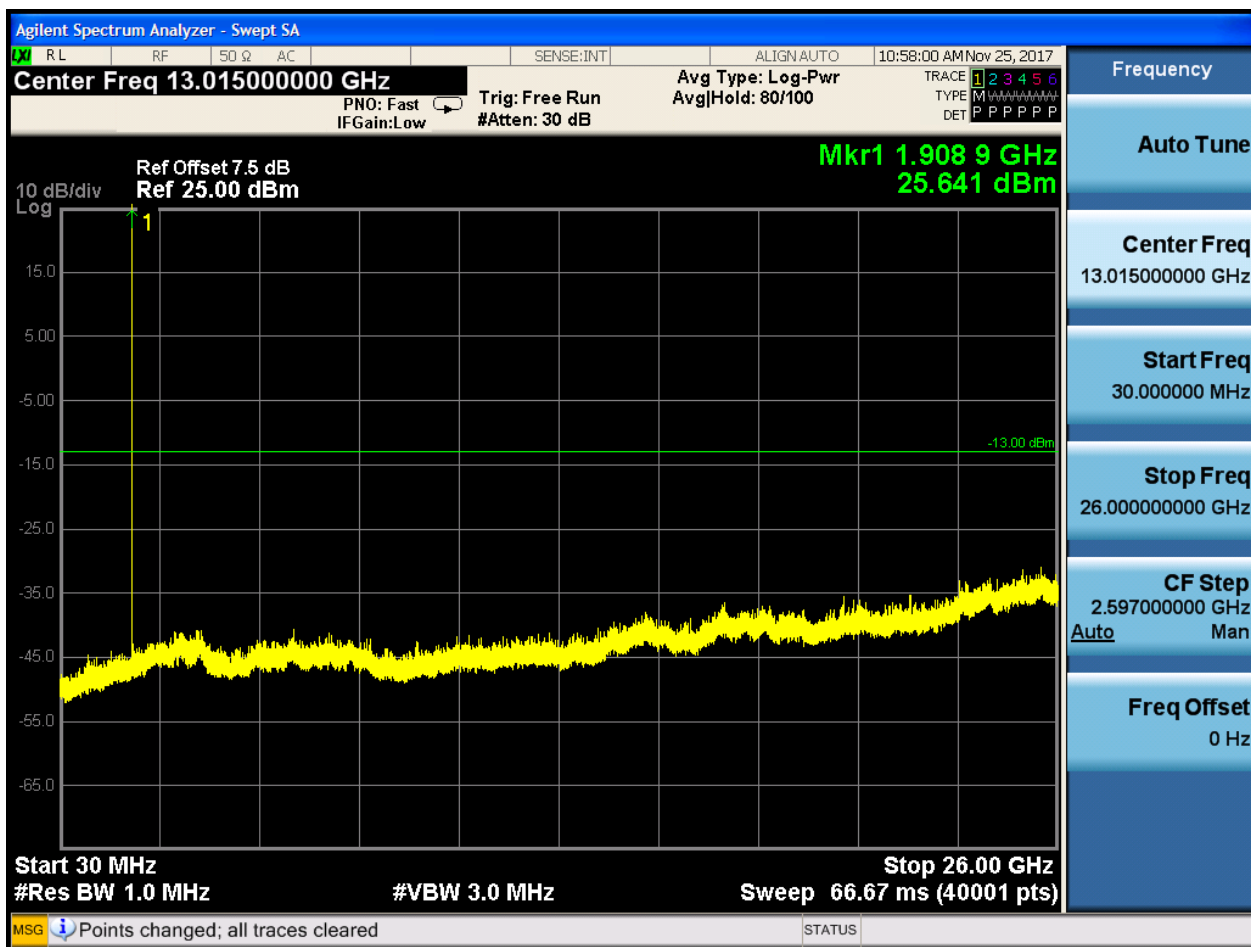




#### 6.1.1.2.1.3.1 Test RB = RB1#0







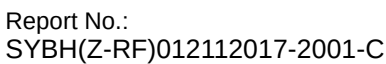
### 6.1.1.2.2 Test Bandwidth = 3

#### 6.1.1.2.2.1 Test Channel = LCH

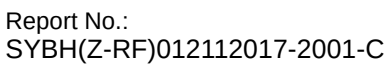
##### 6.1.1.2.2.1.1 Test RB = RB1#0

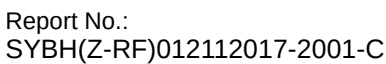








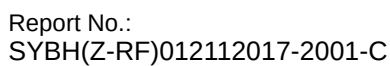


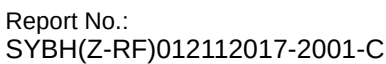




#### 6.1.1.2.2.3.1 Test RB = RB1#0



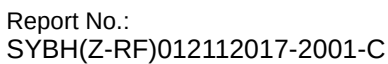


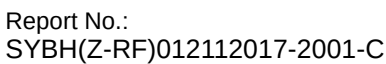




#### 6.1.1.2.3.1.1 Test RB = RB1#0



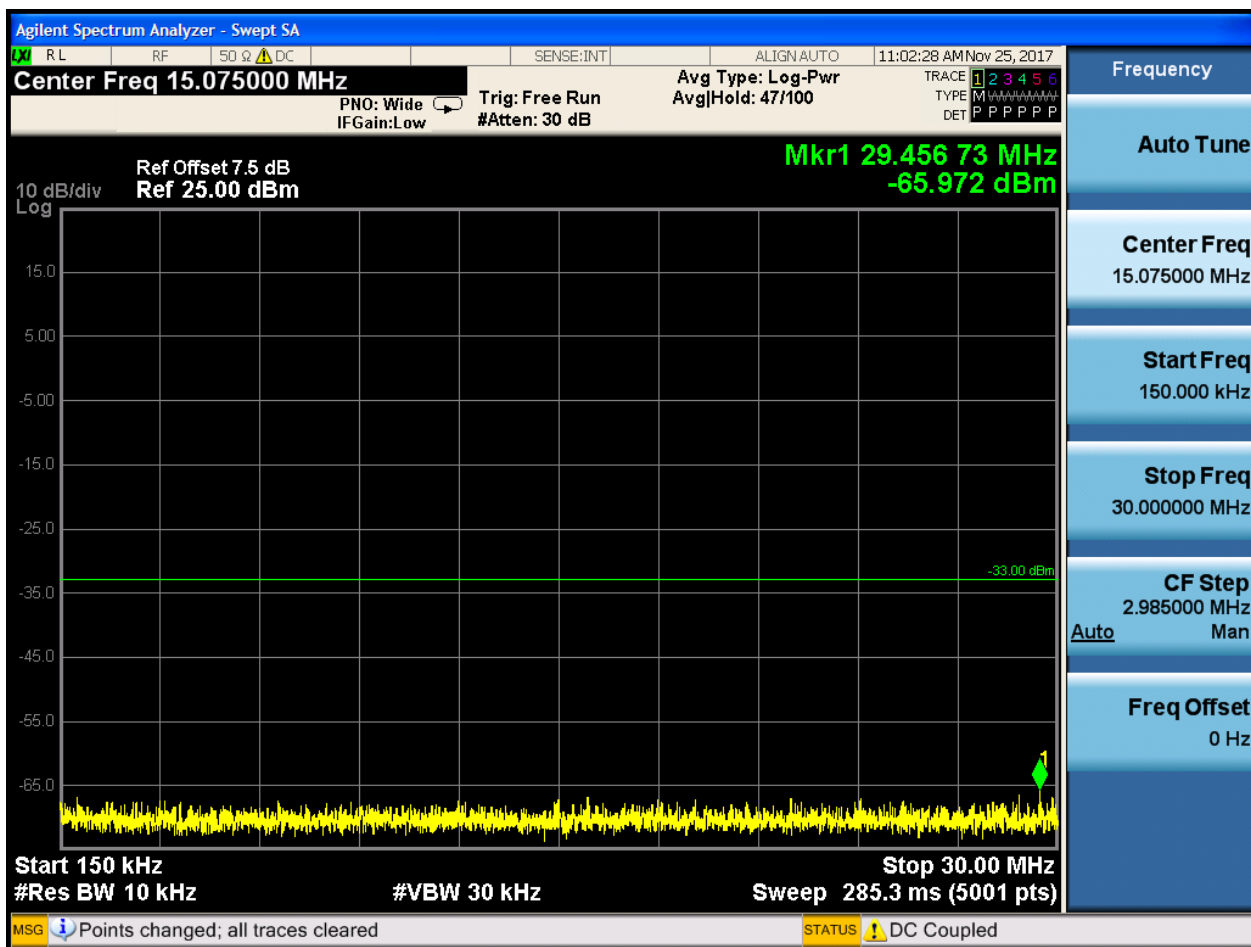


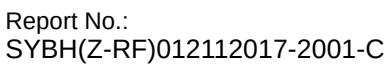




#### 6.1.1.2.3.2.1 Test RB = RB1#0





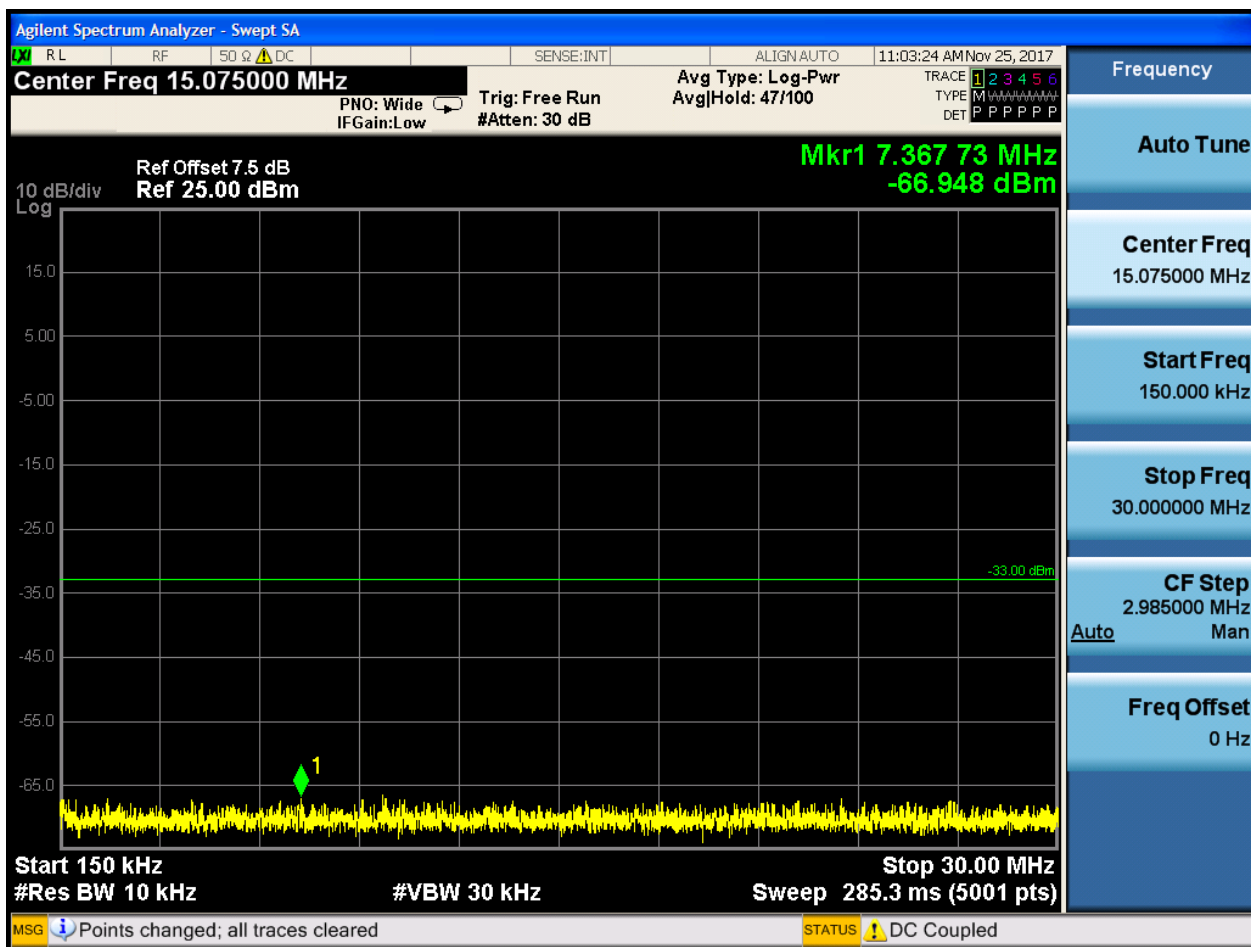


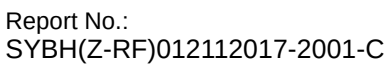


## 6.1.1.2.3.3 Test Channel = HCH

## 6.1.1.2.3.3.1 Test RB = RB1#0







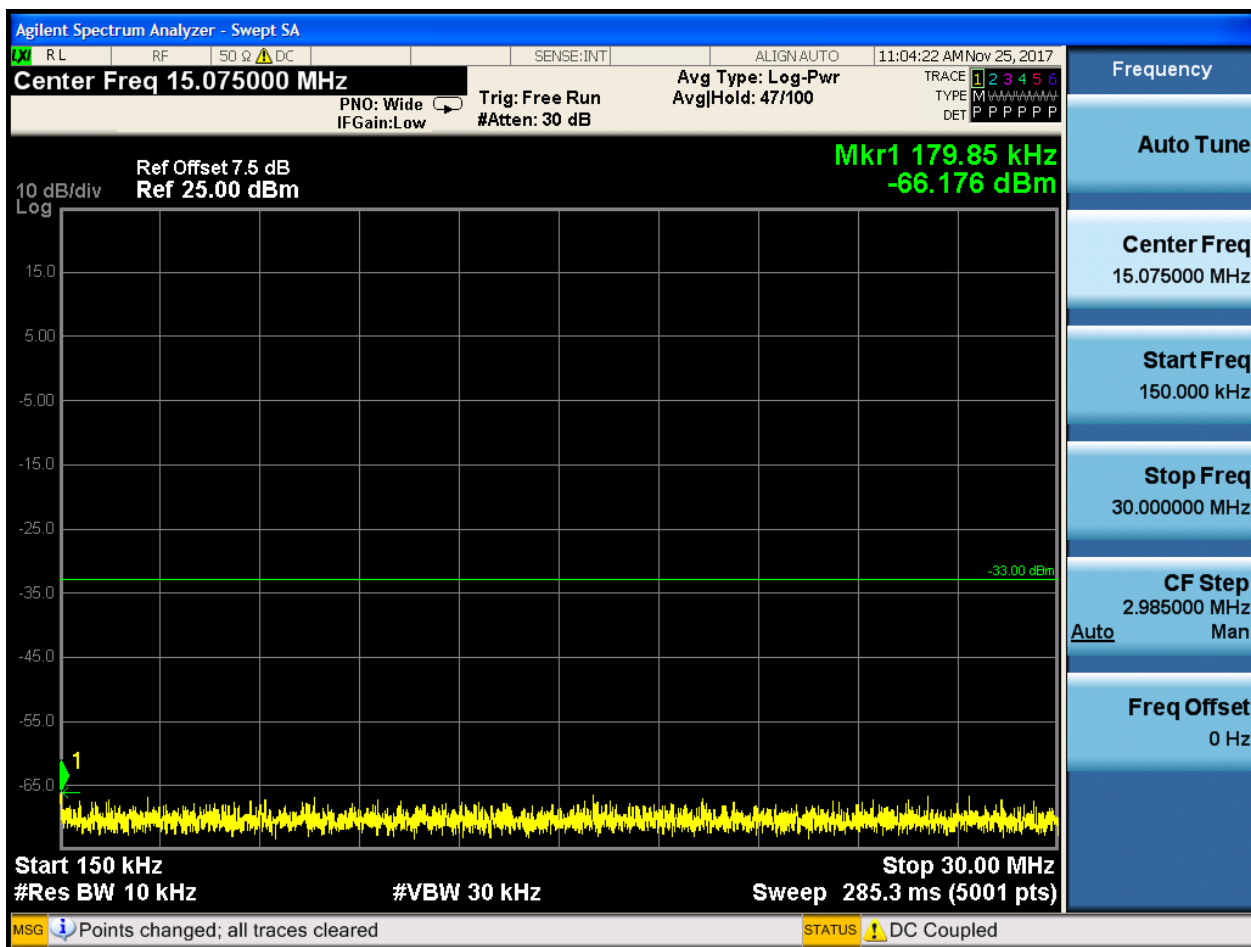


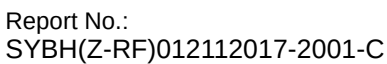
## 6.1.1.2.4 Test Bandwidth = 10

## 6.1.1.2.4.1 Test Channel = LCH

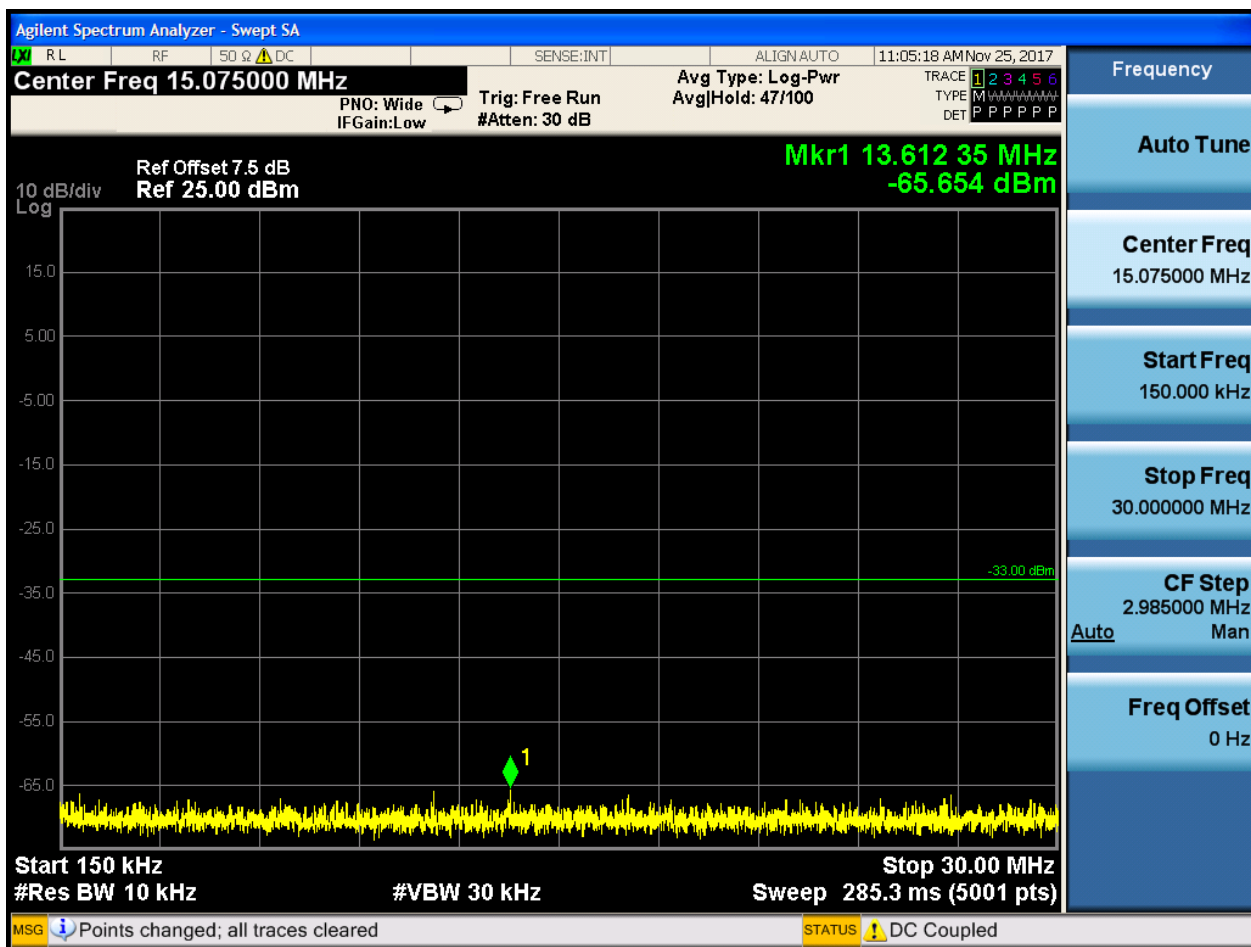
## 6.1.1.2.4.1.1 Test RB = RB1#0

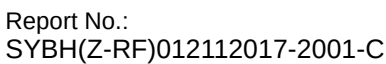








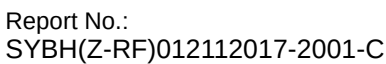


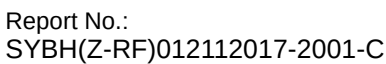




#### 6.1.1.2.4.3.1 Test RB = RB1#0





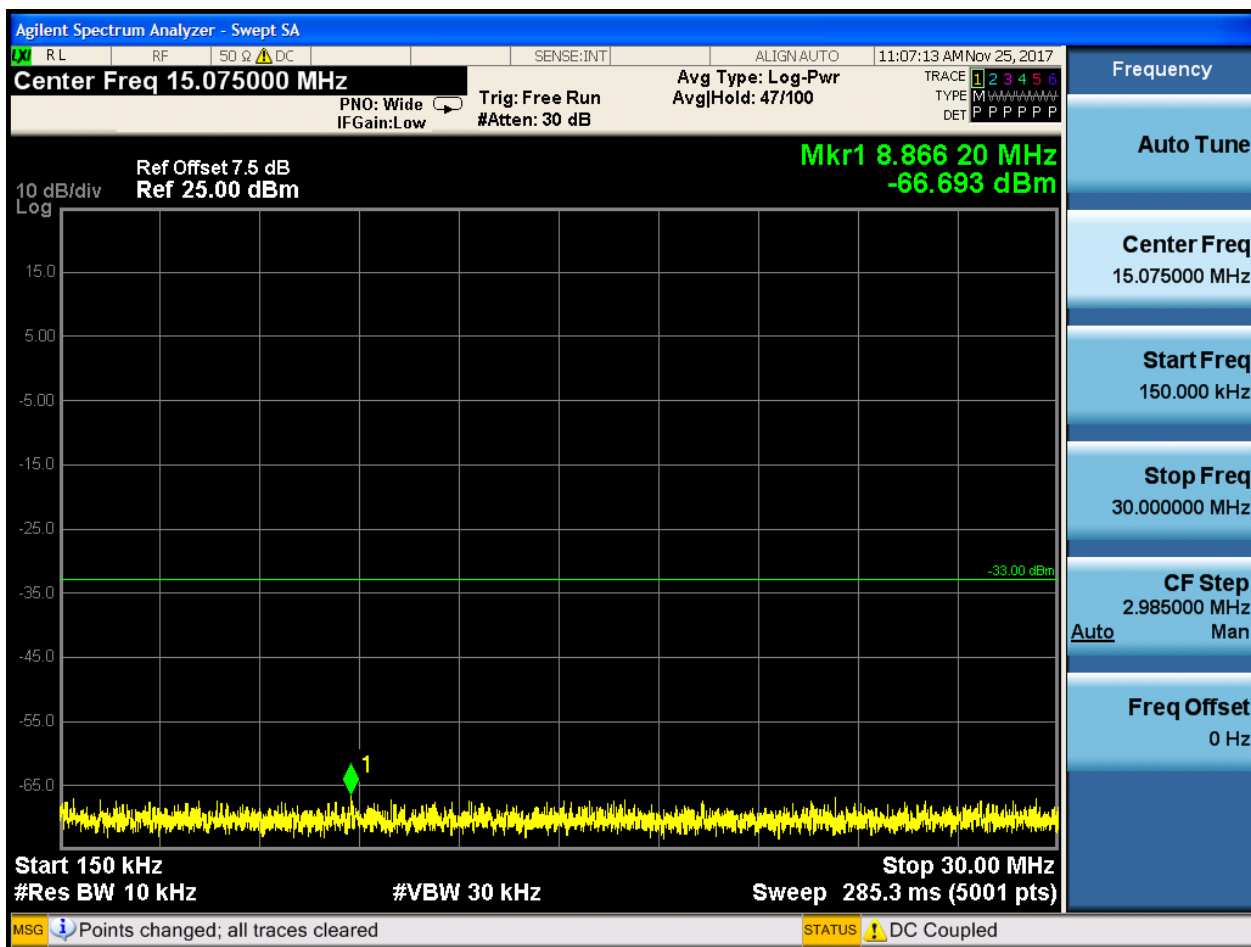


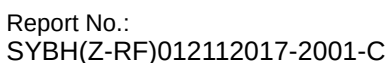
### 6.1.1.2.5 Test Bandwidth = 15

#### 6.1.1.2.5.1 Test Channel = LCH

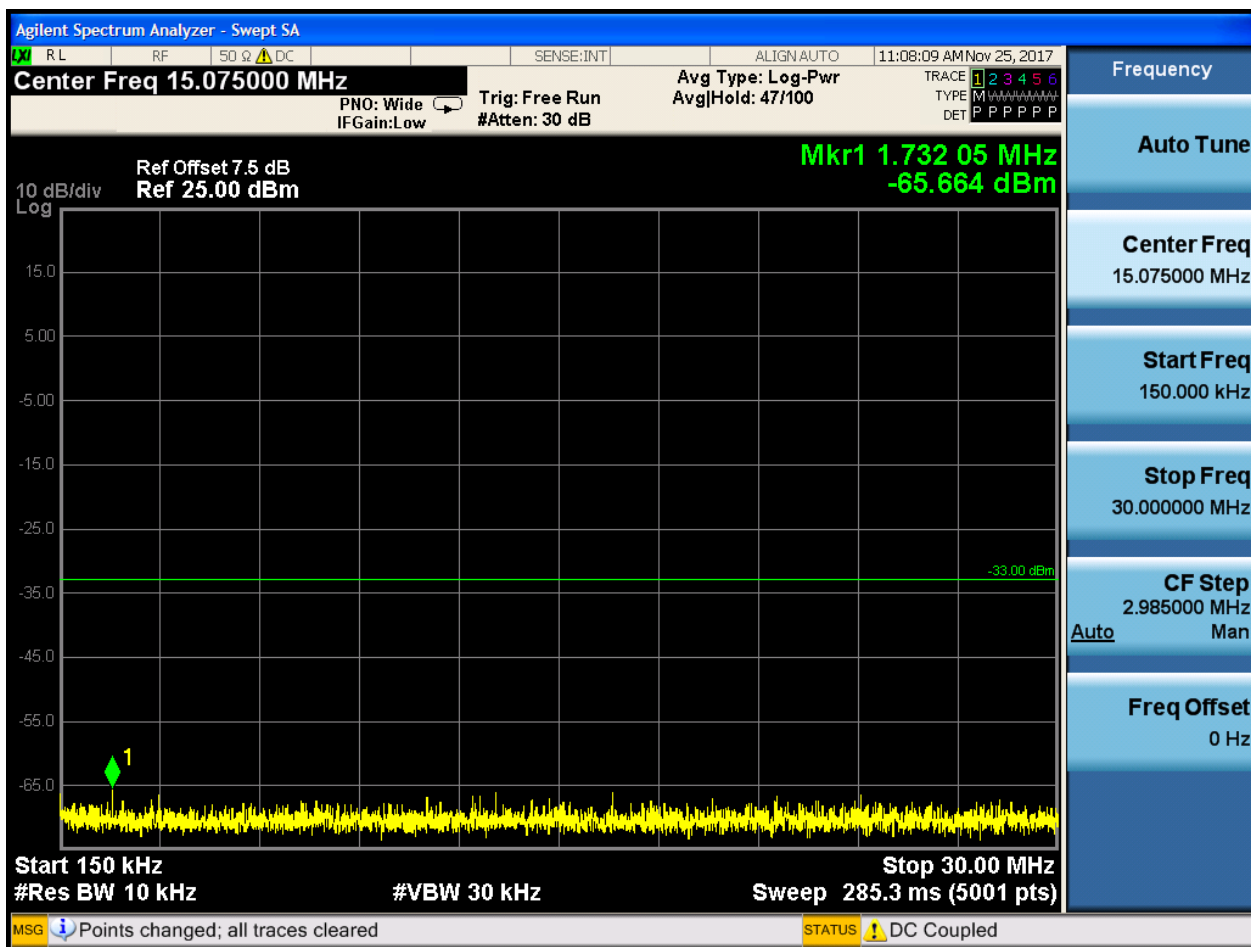
##### 6.1.1.2.5.1.1 Test RB = RB1#0

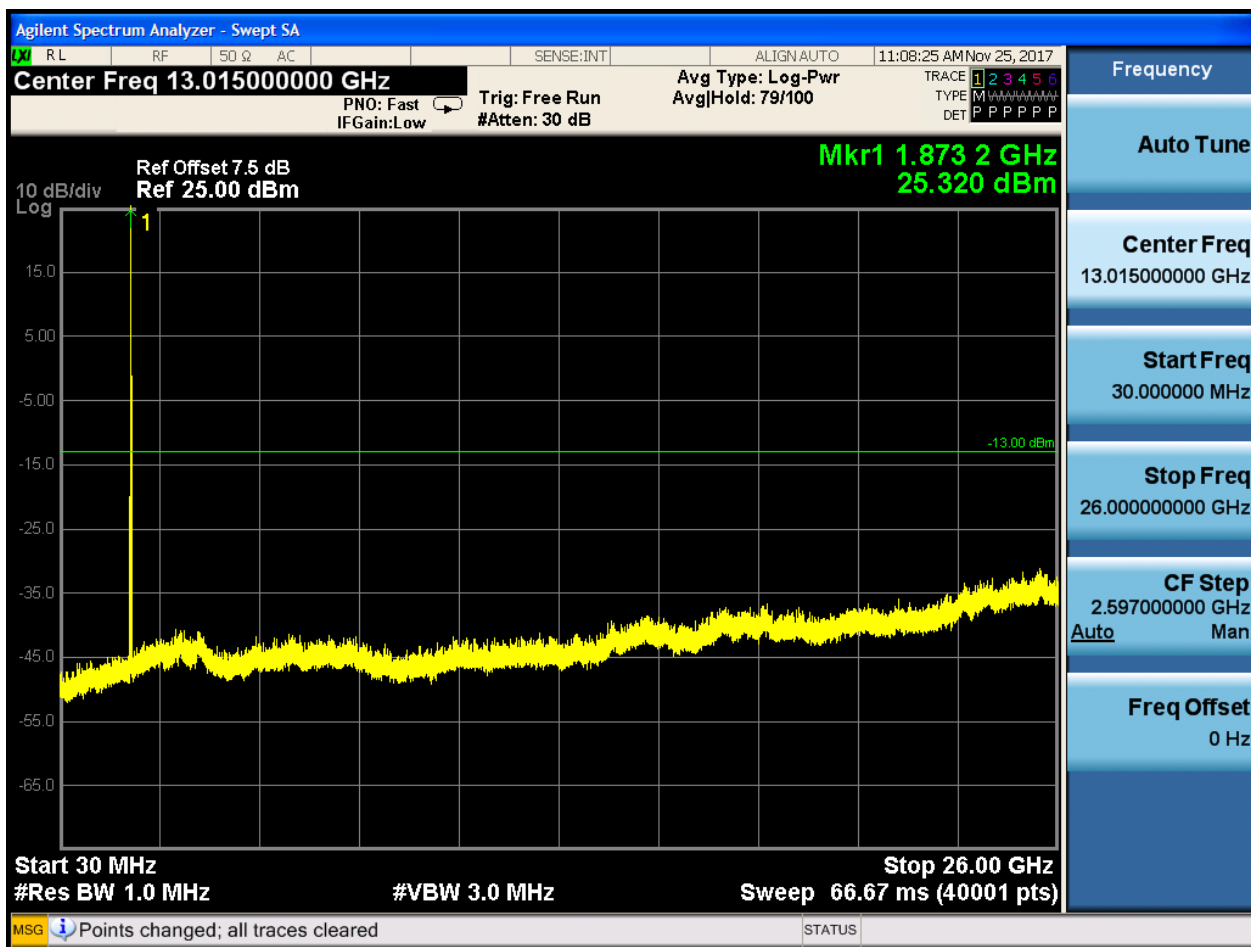










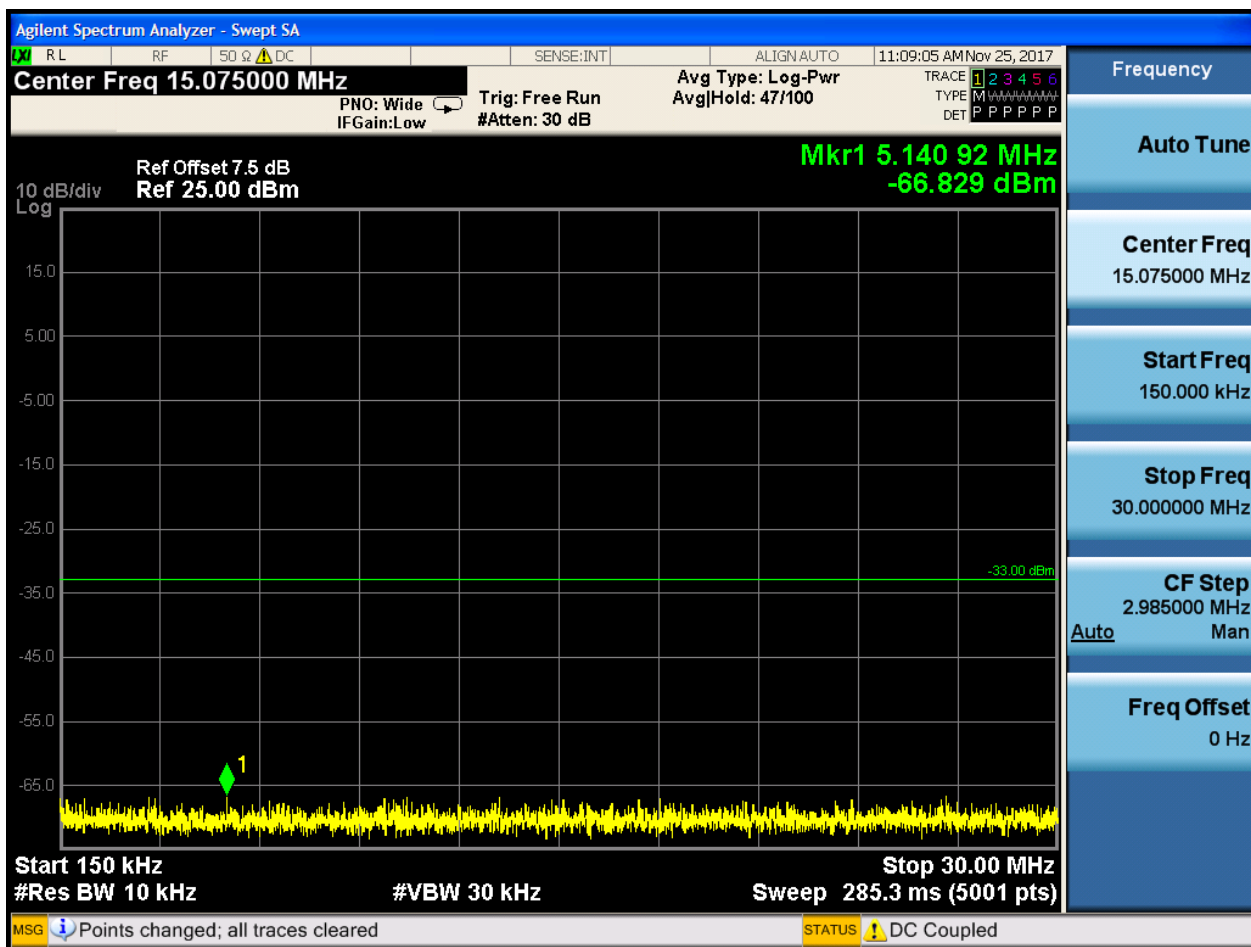


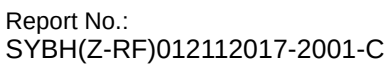


## 6.1.1.2.5.3 Test Channel = HCH

## 6.1.1.2.5.3.1 Test RB = RB1#0





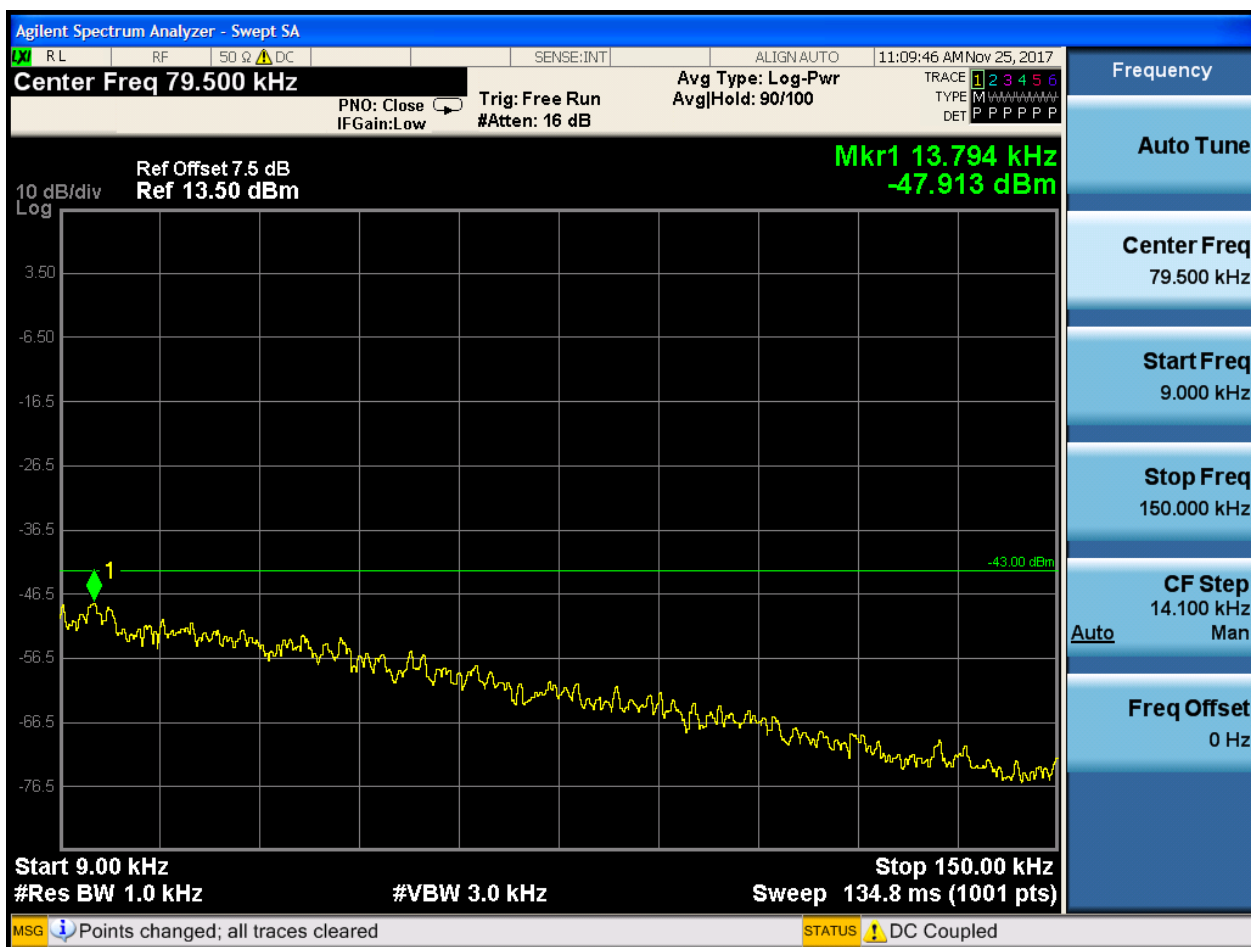


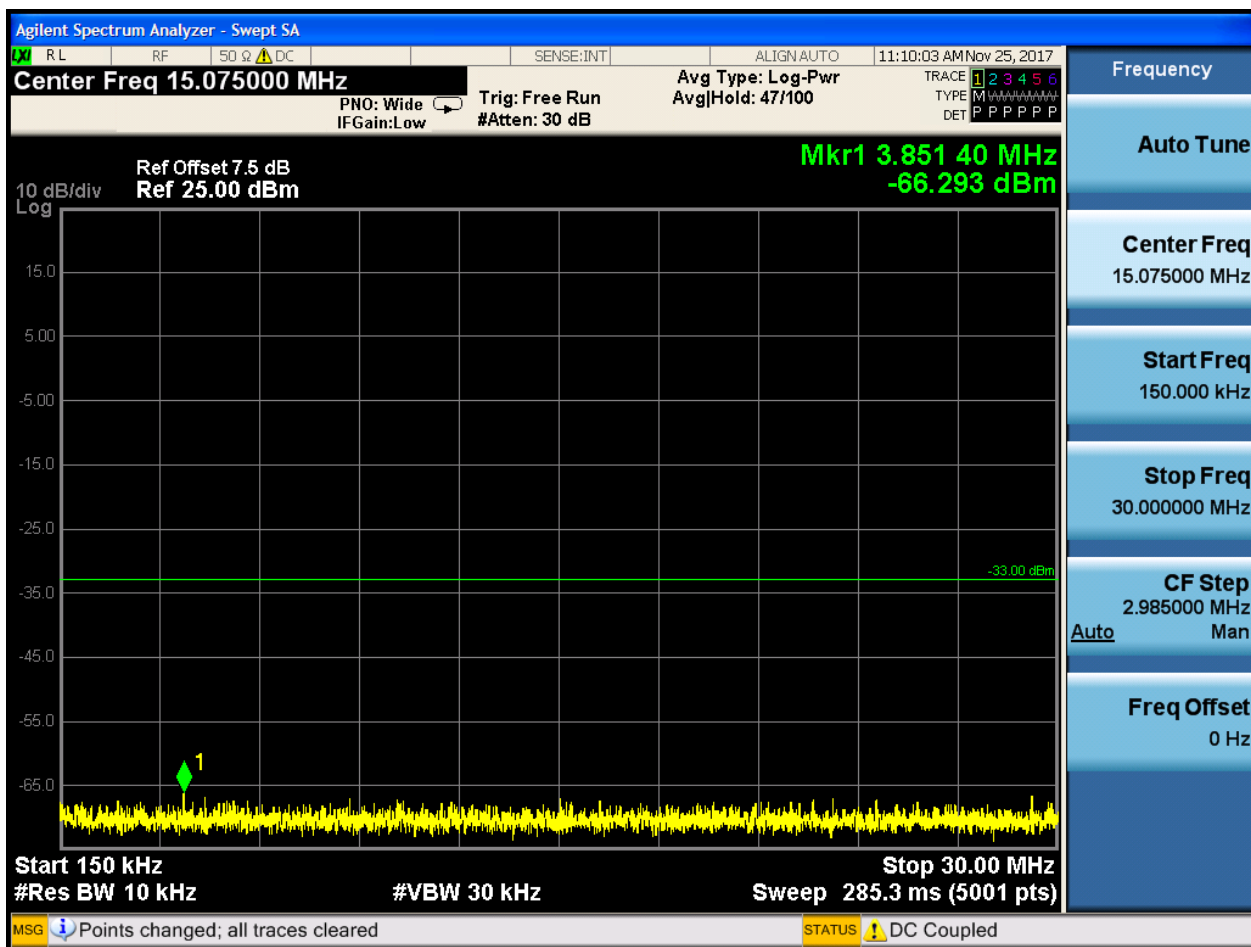


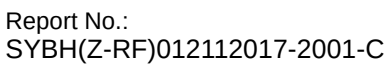
## 6.1.1.2.6 Test Bandwidth = 20

## 6.1.1.2.6.1 Test Channel = LCH

## 6.1.1.2.6.1.1 Test RB = RB1#0



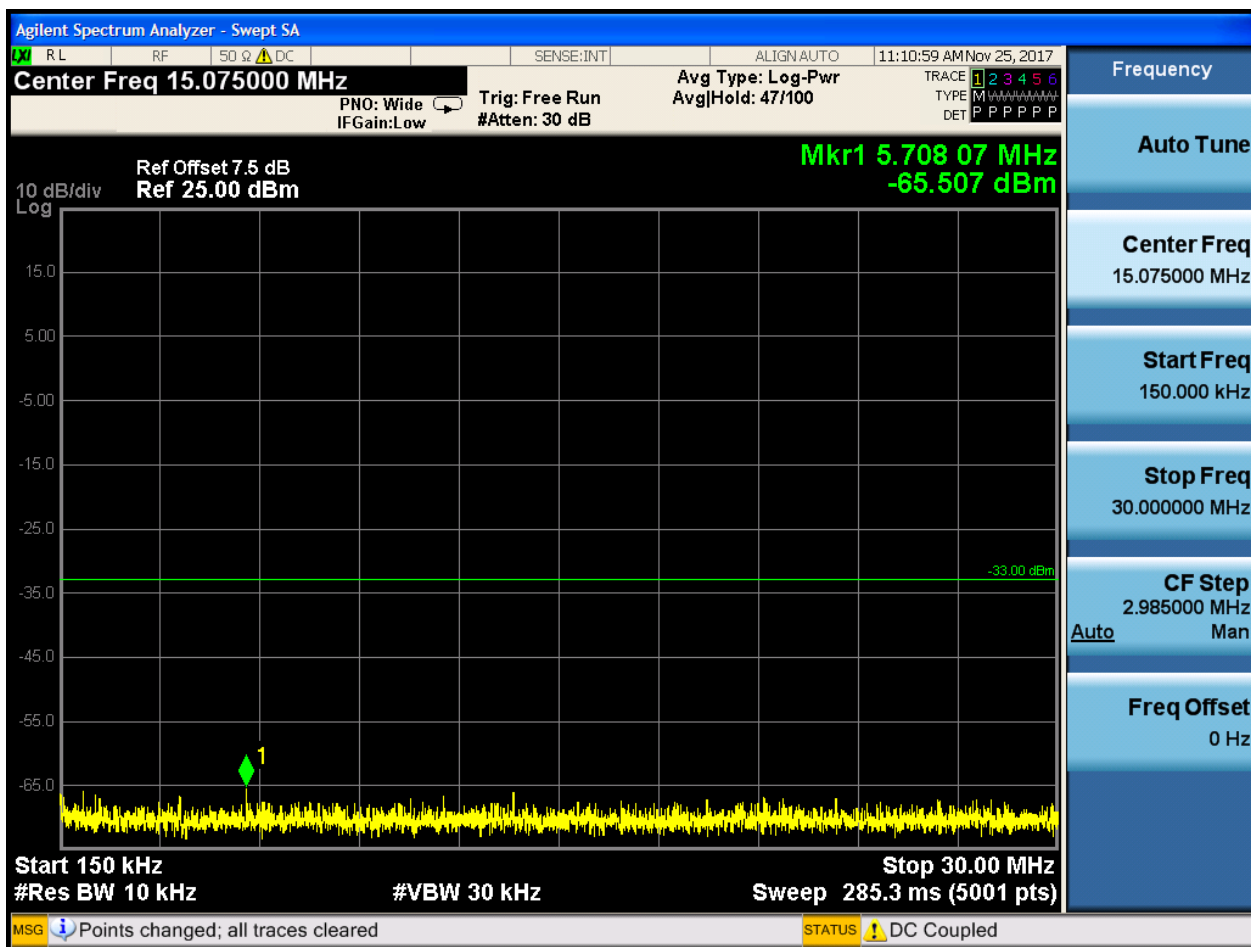


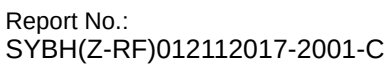




#### 6.1.1.2.6.2.1 Test RB = RB1#0





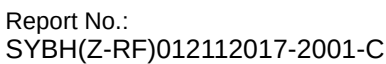


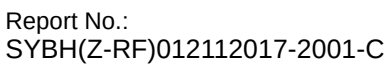


## 6.1.1.2.6.3 Test Channel = HCH

## 6.1.1.2.6.3.1 Test RB = RB1#0







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

Note: 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

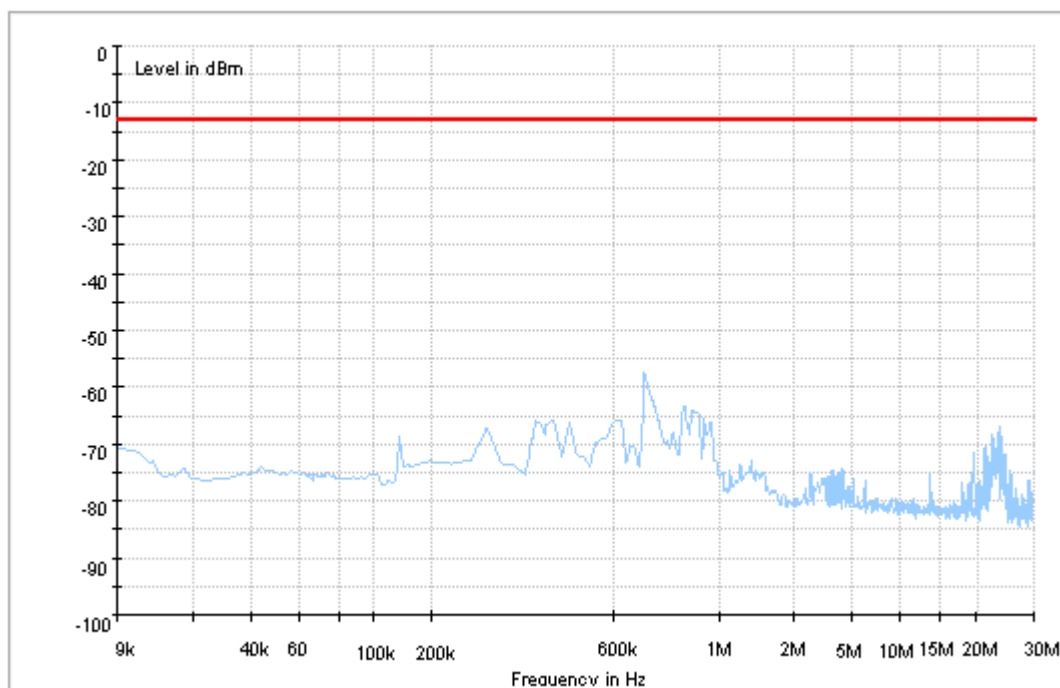
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

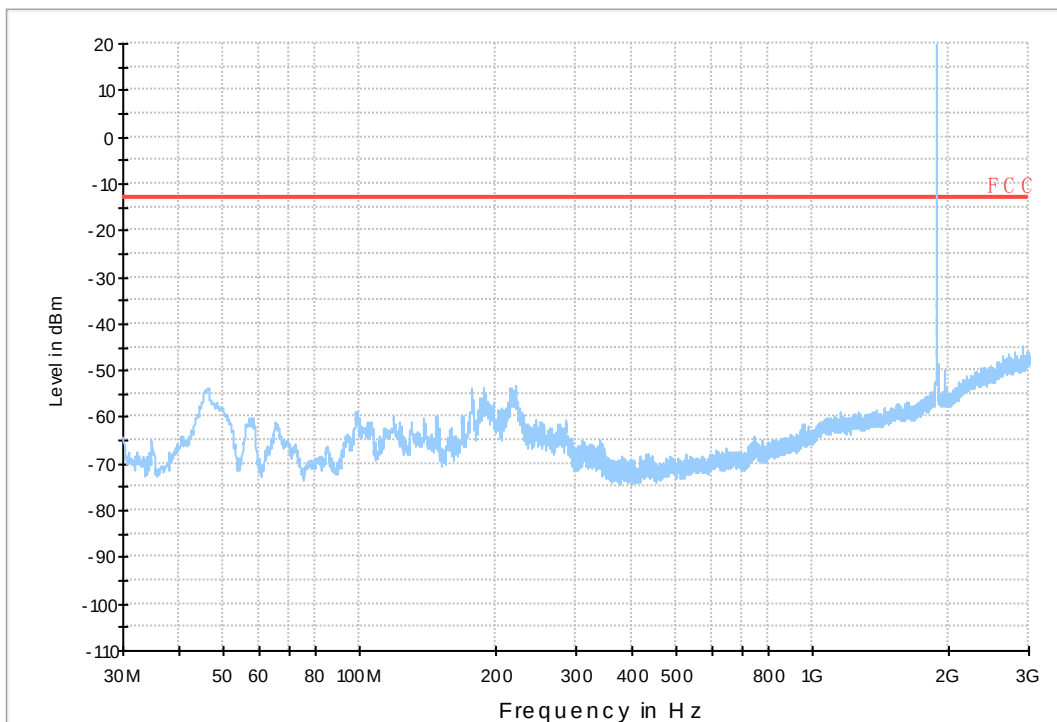
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND2\_ANT1

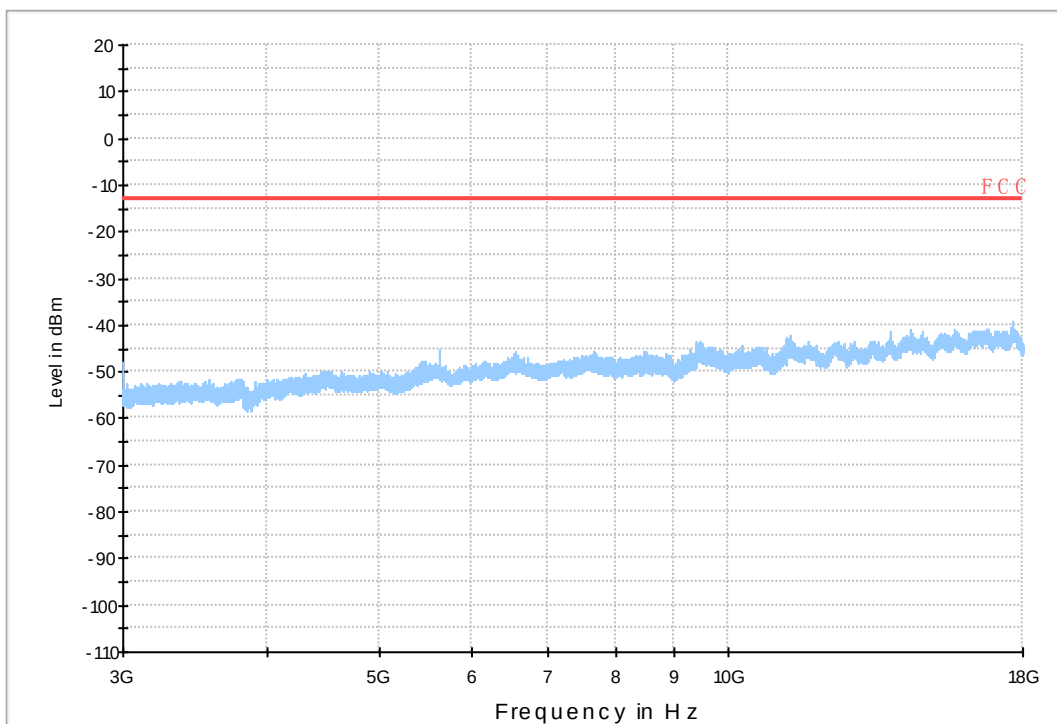
##### 7.1.1.1 Test Bandwidth = 1.4

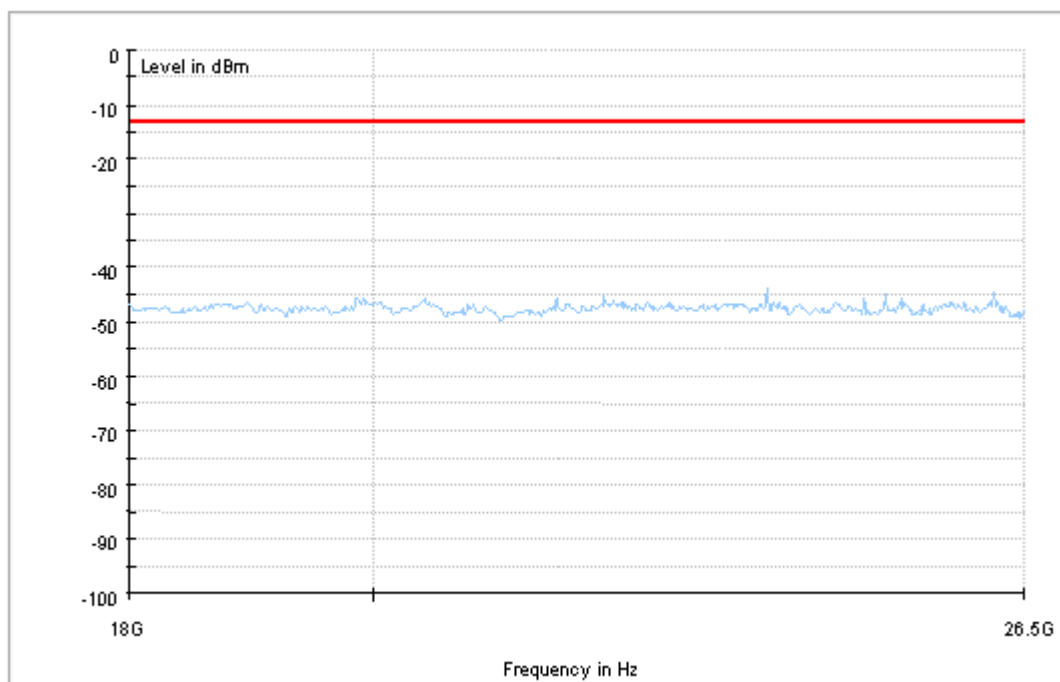


Copy of FCC PART24 LTE Band 2\_L

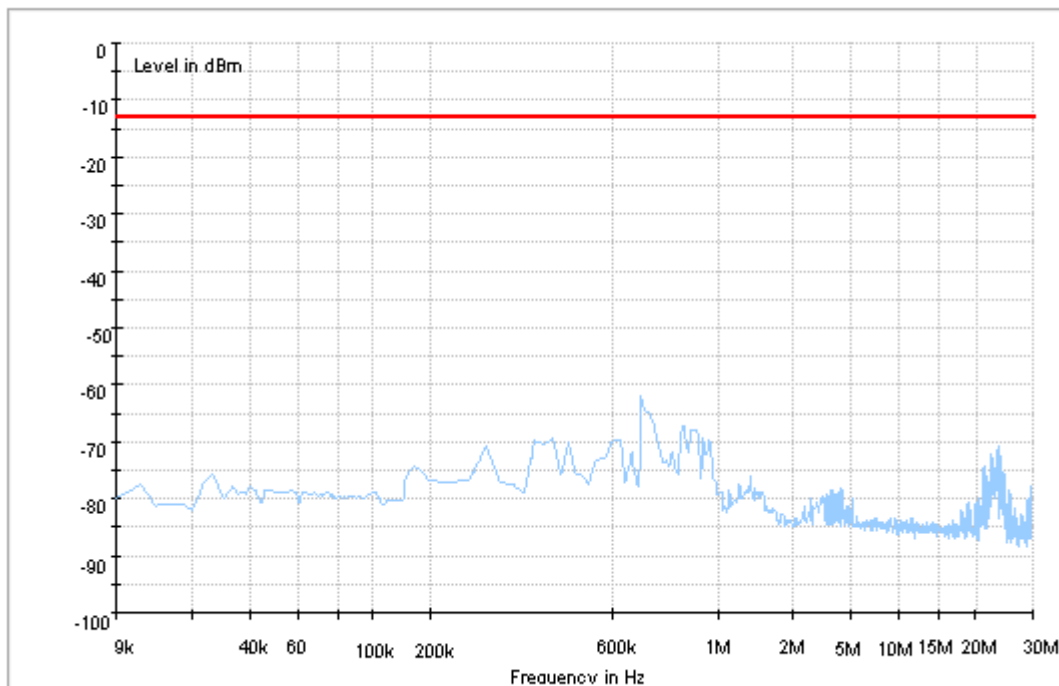


Copy of FCC PART24 LTE Band 2\_H

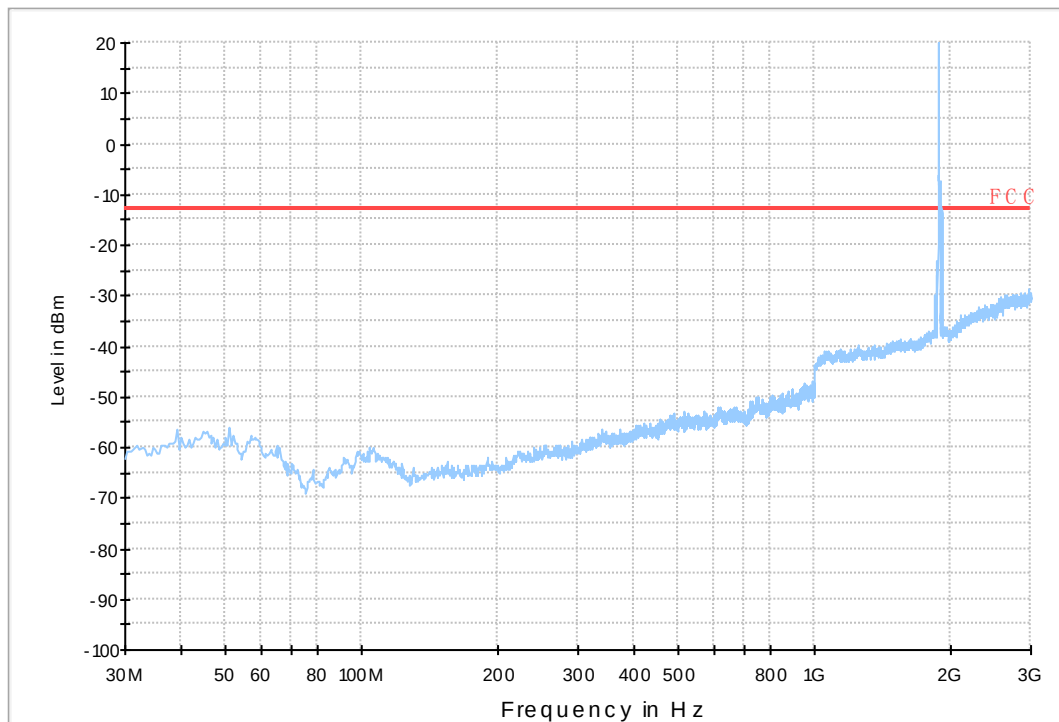




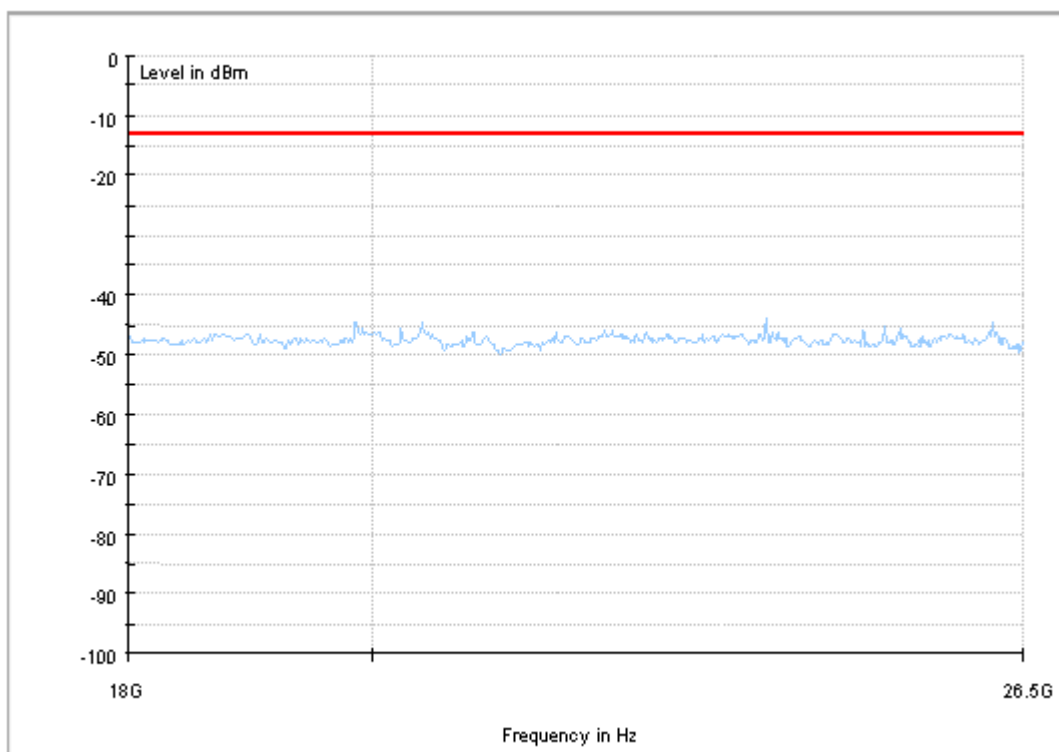
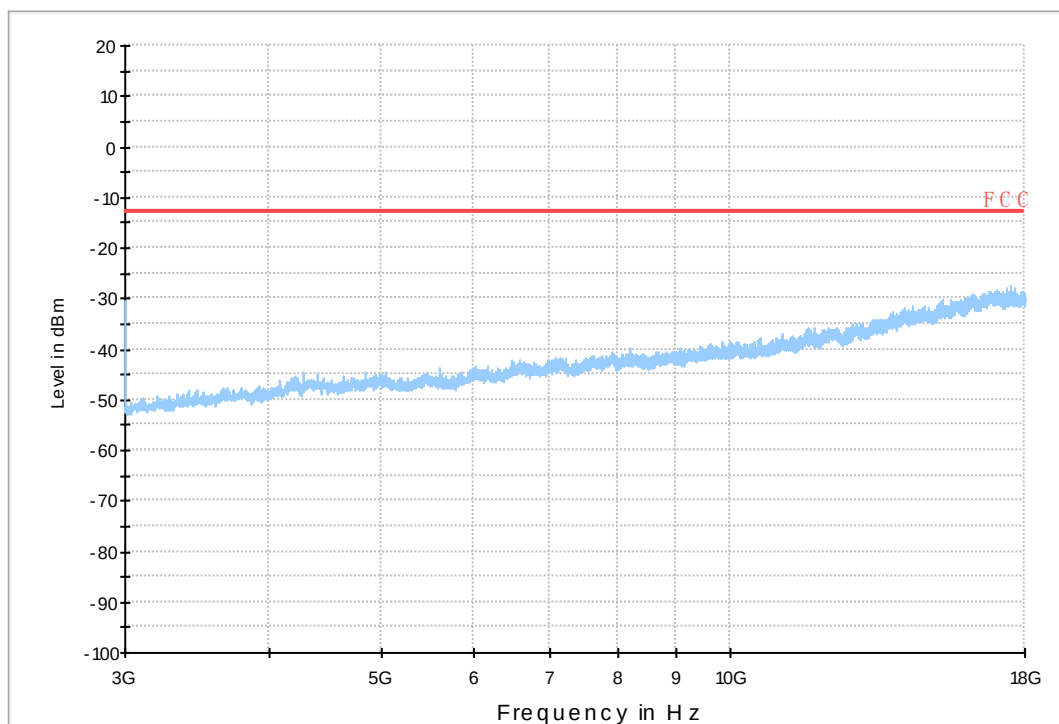
### 7.1.1.2 Test Bandwidth = 20



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

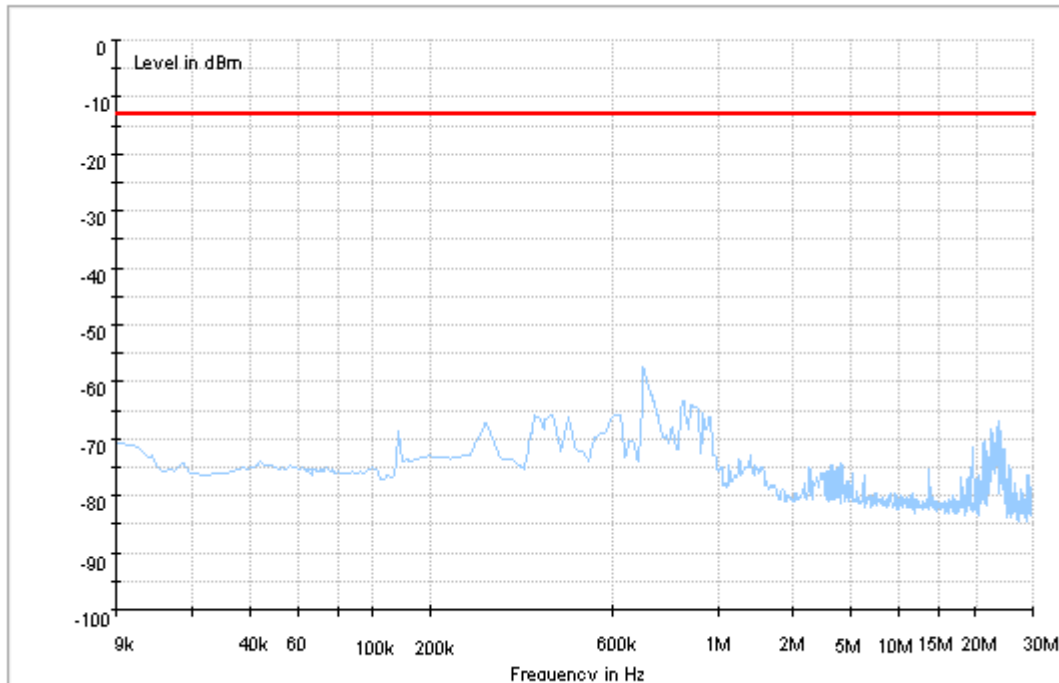


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

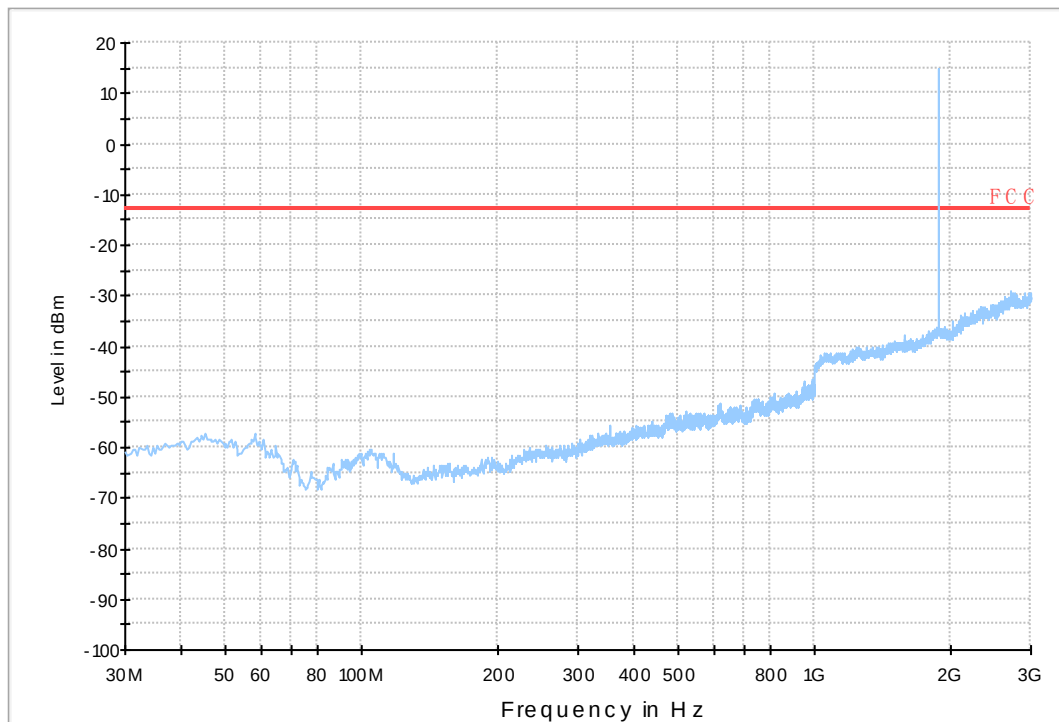


## 7.1.2 Test Band = BAND2\_ANT2

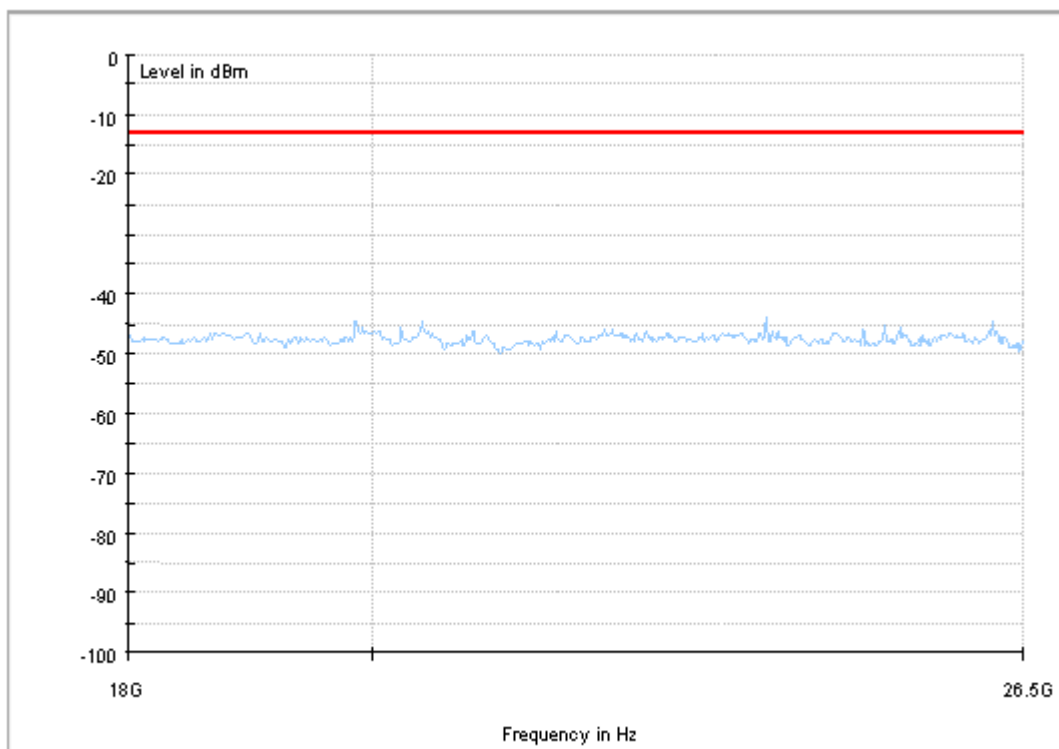
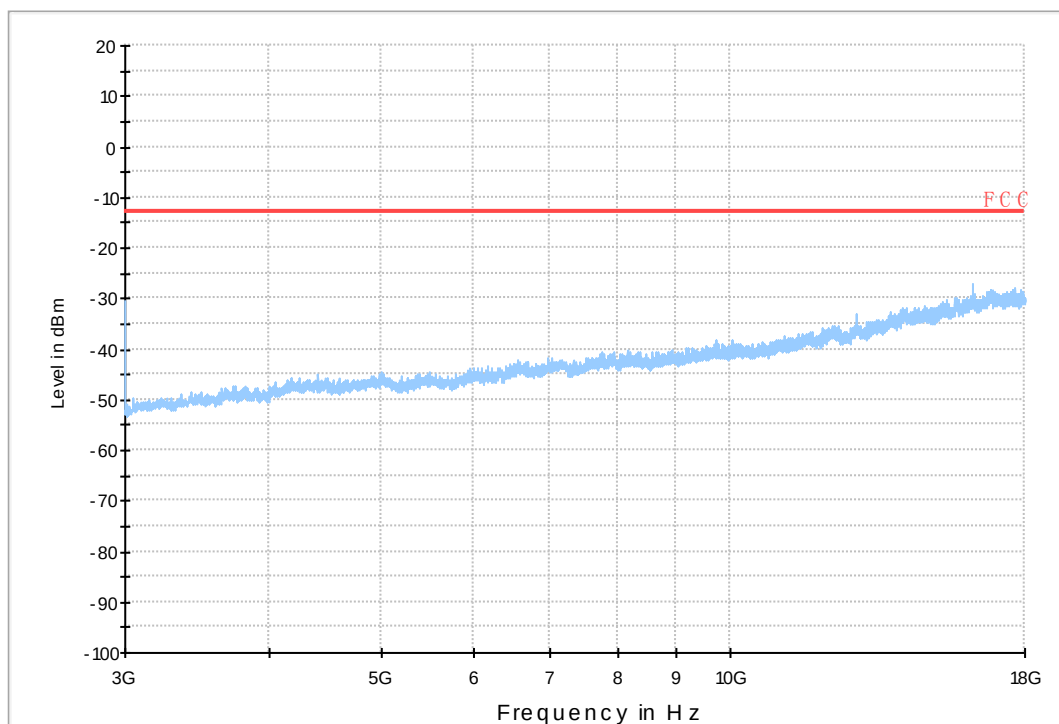
### 7.1.2.1 Test Bandwidth = 1.4



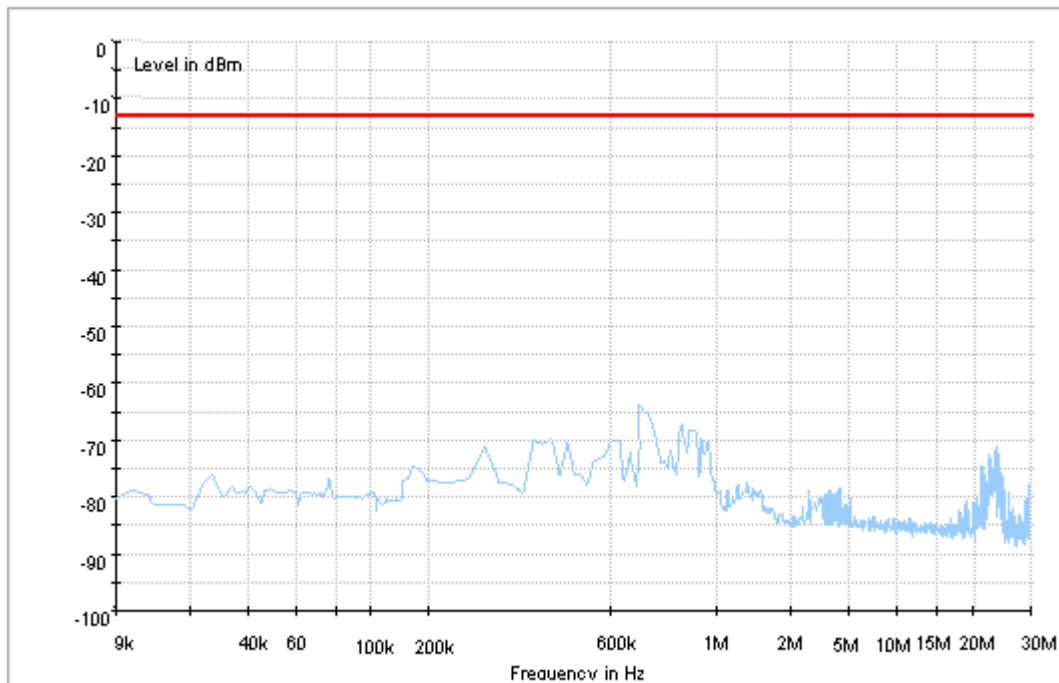
Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



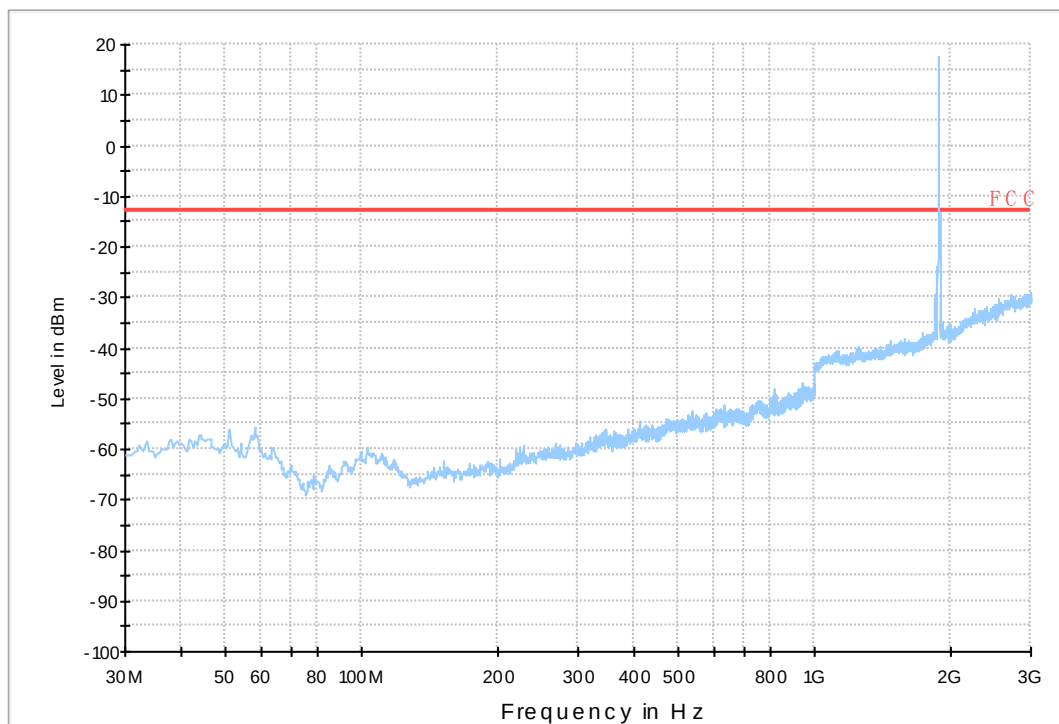
Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H



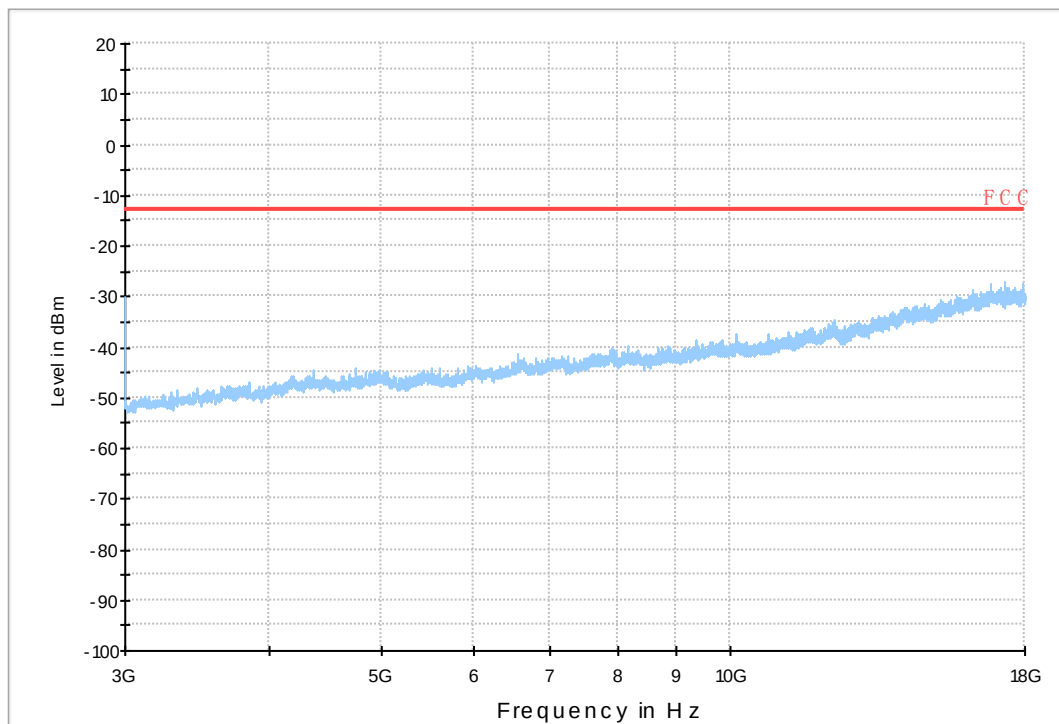
### 7.1.2.2 Test Bandwidth = 20

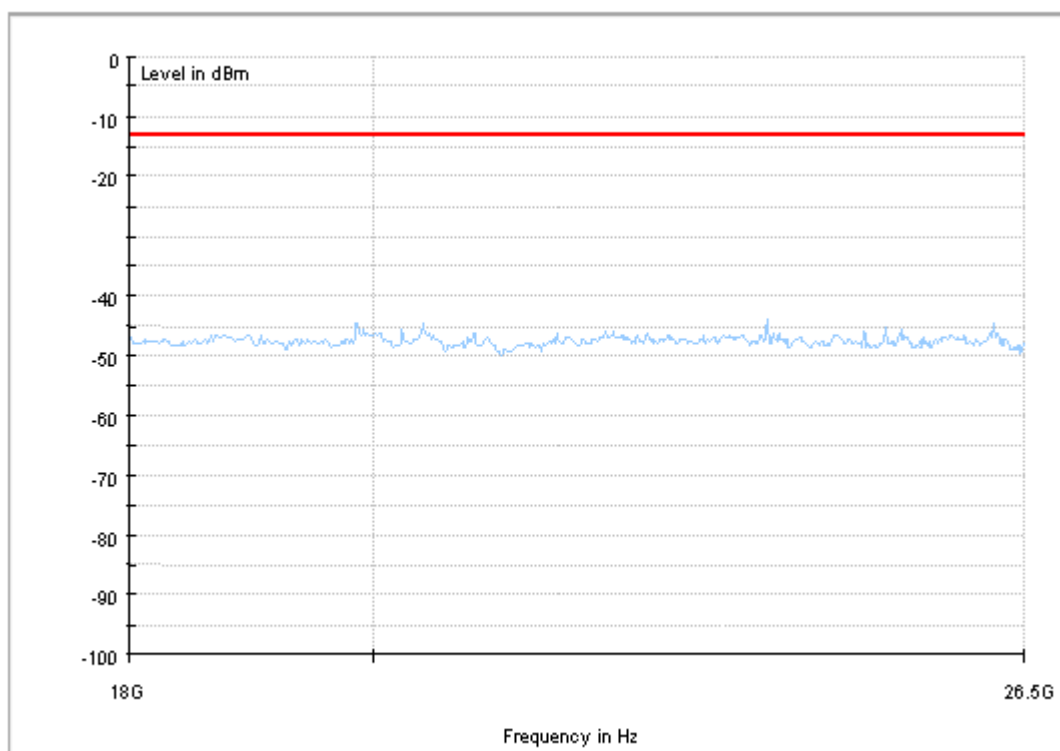


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



## 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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND2     | LTE/TM1   | 1.4                  | LCH          | TN         | VL         | -1.92            | -0.00104              | PASS    |
|           |           |                      |              |            | VN         | 0.39             | 0.00021               | PASS    |
|           |           |                      |              |            | VH         | 2.6              | 0.0014                | PASS    |
|           |           |                      | MCH          | TN         | VL         | -4.33            | -0.0023               | PASS    |
|           |           |                      |              |            | VN         | -4.71            | -0.00251              | PASS    |
|           |           |                      |              |            | VH         | -6.91            | -0.00368              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 7.51             | 0.00393               | PASS    |
|           |           |                      |              |            | VN         | 2.02             | 0.00106               | PASS    |
|           |           |                      |              |            | VH         | -1.8             | -0.00094              | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | -2.15            | -0.00116              | PASS    |
|           |           |                      |              |            | VN         | -2.09            | -0.00113              | PASS    |
|           |           |                      |              |            | VH         | 0.62             | 0.00033               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -1.4             | -0.00074              | PASS    |
|           |           |                      |              |            | VN         | 1.63             | 0.00087               | PASS    |
|           |           |                      |              |            | VH         | -1.23            | -0.00065              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 2.69             | 0.00141               | PASS    |
|           |           |                      |              |            | VN         | -4.55            | -0.00238              | PASS    |
|           |           |                      |              |            | VH         | -8.35            | -0.00438              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | 0                | 0                     | PASS    |
|           |           |                      |              |            | VN         | 4.02             | 0.00217               | PASS    |
|           |           |                      |              |            | VH         | -0.44            | -0.00024              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.43            | -0.00023              | PASS    |
|           |           |                      |              |            | VN         | 0.1              | 0.00005               | PASS    |
|           |           |                      |              |            | VH         | -4.22            | -0.00224              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 1                | 0.00052               | PASS    |
|           |           |                      |              |            | VN         | -1.96            | -0.00103              | PASS    |
|           |           |                      |              |            | VH         | -2.22            | -0.00116              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | 0.76             | 0.00041               | PASS    |
|           |           |                      |              |            | VN         | -4.53            | -0.00244              | PASS    |
|           |           |                      |              |            | VH         | -0.41            | -0.00022              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -4.99            | -0.00265              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      |              |            | VN         | -0.86            | -0.00046              | PASS    |
|           |           |                      |              |            | VH         | -1.09            | -0.00058              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 1.24             | 0.00065               | PASS    |
|           |           |                      |              |            | VN         | -1.57            | -0.00082              | PASS    |
|           |           |                      |              |            | VH         | 2.78             | 0.00146               | PASS    |
|           |           |                      |              |            | VH         | 2.78             | 0.00146               | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -3               | -0.00162              | PASS    |
|           |           |                      |              |            | VN         | -1.14            | -0.00061              | PASS    |
|           |           |                      |              |            | VH         | -0.37            | -0.00002              | PASS    |
|           |           |                      | MCH          | TN         | VL         | 1.67             | 0.00089               | PASS    |
|           |           |                      |              |            | VN         | -0.04            | -0.00002              | PASS    |
|           |           |                      |              |            | VH         | -1.3             | -0.00069              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.43            | -0.00023              | PASS    |
|           |           |                      |              |            | VN         | -4.11            | -0.00216              | PASS    |
|           |           |                      |              |            | VH         | -2.69            | -0.00141              | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -1.96            | -0.00105              | PASS    |
|           |           |                      |              |            | VN         | 0.23             | 0.00012               | PASS    |
|           |           |                      |              |            | VH         | 1.02             | 0.00055               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -3.19            | -0.0017               | PASS    |
|           |           |                      |              |            | VN         | -3.1             | -0.00165              | PASS    |
|           |           |                      |              |            | VH         | -0.89            | -0.00047              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 2.1              | 0.00111               | PASS    |
|           |           |                      |              |            | VN         | 0.36             | 0.00019               | PASS    |
|           |           |                      |              |            | VH         | 0.21             | 0.00011               | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | TN         | VL         | -1.26            | -0.00068              | PASS    |
|           |           |                      |              |            | VN         | 4.76             | 0.00257               | PASS    |
|           |           |                      |              |            | VH         | -6.24            | -0.00337              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -0.49            | -0.00026              | PASS    |
|           |           |                      |              |            | VN         | 15.61            | 0.0083                | PASS    |
|           |           |                      |              |            | VH         | -11.16           | -0.00594              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 80.55            | 0.04219               | PASS    |
|           |           |                      |              |            | VN         | -5.32            | -0.00279              | PASS    |
|           |           |                      |              |            | VH         | -4.06            | -0.00213              | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | -1.2             | -0.00065              | PASS    |
|           |           |                      |              |            | VN         | -7.7             | -0.00416              | PASS    |
|           |           |                      |              |            | VH         | -2.52            | -0.00136              | PASS    |
|           |           |                      | MCH          | TN         | VL         | 0.23             | 0.00012               | PASS    |
|           |           |                      |              |            | VN         | 0.46             | 0.00024               | PASS    |
|           |           |                      |              |            | VH         | -8.2             | -0.00436              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.82            | -0.00043              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      |              |            | VN         | 2.57             | 0.00135               | PASS    |
|           |           |                      |              |            | VH         | -5.52            | -0.00289              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -0.01            | -0.00001              | PASS    |
|           |           |                      |              |            | VN         | -0.19            | -0.0001               | PASS    |
|           |           |                      |              |            | VH         | -1.13            | -0.00061              | PASS    |
|           |           |                      |              |            | VL         | -0.21            | -0.00011              | PASS    |
|           |           |                      | MCH          | TN         | VN         | 2.32             | 0.00123               | PASS    |
|           |           |                      |              |            | VH         | -0.74            | -0.00039              | PASS    |
|           |           |                      |              |            | VL         | 1                | 0.00052               | PASS    |
|           |           |                      | HCH          | TN         | VN         | 1.75             | 0.00092               | PASS    |
|           |           |                      |              |            | VH         | -0.72            | -0.00038              | PASS    |
|           |           |                      |              |            | VL         | 1.26             | 0.00068               | PASS    |
|           |           | 10                   | LCH          | TN         | VN         | -2.93            | -0.00158              | PASS    |
|           |           |                      |              |            | VH         | -2.53            | -0.00136              | PASS    |
|           |           |                      |              |            | VL         | -0.46            | -0.00024              | PASS    |
|           |           |                      | MCH          | TN         | VN         | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | VH         | 0.13             | 0.00007               | PASS    |
|           |           |                      |              |            | VL         | -0.44            | -0.00023              | PASS    |
|           |           |                      | HCH          | TN         | VN         | 1.13             | 0.00059               | PASS    |
|           |           |                      |              |            | VH         | -1.62            | -0.00085              | PASS    |
|           |           |                      |              |            | VL         | -0.72            | -0.00039              | PASS    |
|           |           | 15                   | LCH          | TN         | VN         | -3.5             | -0.00188              | PASS    |
|           |           |                      |              |            | VH         | 0.23             | 0.00012               | PASS    |
|           |           |                      |              |            | VL         | -2.07            | -0.0011               | PASS    |
|           |           |                      | MCH          | TN         | VN         | -1.4             | -0.00074              | PASS    |
|           |           |                      |              |            | VH         | -0.5             | -0.00027              | PASS    |
|           |           |                      |              |            | VL         | -0.36            | -0.00019              | PASS    |
|           |           |                      | HCH          | TN         | VN         | -2.59            | -0.00136              | PASS    |
|           |           |                      |              |            | VH         | -0.34            | -0.00018              | PASS    |
|           |           |                      |              |            | VL         | -0.06            | -0.00003              | PASS    |
|           |           | 20                   | LCH          | TN         | VN         | -1.16            | -0.00062              | PASS    |
|           |           |                      |              |            | VH         | 0.5              | 0.00027               | PASS    |
|           |           |                      |              |            | VL         | 0.82             | 0.00044               | PASS    |
|           |           |                      | MCH          | TN         | VN         | 0                | 0                     | PASS    |
|           |           |                      |              |            | VH         | -0.66            | -0.00035              | PASS    |
|           |           |                      |              |            | VL         | 0.39             | 0.00021               | PASS    |
|           |           |                      | HCH          | TN         | VN         | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | VH         | -0.41            | -0.00022              | PASS    |
|           |           |                      |              |            | VL         | -0.06            | -0.00003              | PASS    |
|           |           |                      |              |            | VN         | -1.16            | -0.00062              | PASS    |
|           |           |                      |              |            | VH         | 0.5              | 0.00027               | 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 |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
| BAND2     | LTE/TM1   | 1.4                  | LCH          | VN         | -30         | -4.95            | -0.00267              | PASS    |
|           |           |                      |              |            | -20         | -5.16            | -0.00279              | PASS    |
|           |           |                      |              |            | -10         | -1.63            | -0.00088              | PASS    |
|           |           |                      |              |            | 0           | -0.66            | -0.00036              | PASS    |
|           |           |                      |              |            | 10          | -0.44            | -0.00024              | PASS    |
|           |           |                      |              |            | 20          | -1.76            | -0.00095              | PASS    |
|           |           |                      |              |            | 30          | -4.41            | -0.00238              | PASS    |
|           |           |                      |              |            | 40          | 4.42             | 0.00239               | PASS    |
|           |           |                      |              |            | 50          | 0.94             | 0.00051               | PASS    |
|           |           |                      | MCH          | VN         | -30         | -3.45            | -0.00184              | PASS    |
|           |           |                      |              |            | -20         | -7.93            | -0.00422              | PASS    |
|           |           |                      |              |            | -10         | 14.25            | 0.00758               | PASS    |
|           |           |                      |              |            | 0           | -2.83            | -0.00151              | PASS    |
|           |           |                      |              |            | 10          | 5.69             | 0.00303               | PASS    |
|           |           |                      |              |            | 20          | 0.9              | 0.00048               | PASS    |
|           |           |                      |              |            | 30          | -1.34            | -0.00071              | PASS    |
|           |           |                      |              |            | 40          | 8.27             | 0.0044                | PASS    |
|           |           |                      |              |            | 50          | -6.67            | -0.00355              | PASS    |
|           |           |                      | HCH          | VN         | -30         | -11.76           | -0.00616              | PASS    |
|           |           |                      |              |            | -20         | -1.62            | -0.00085              | PASS    |
|           |           |                      |              |            | -10         | -2.99            | -0.00157              | PASS    |
|           |           |                      |              |            | 0           | -5.05            | -0.00264              | PASS    |
|           |           |                      |              |            | 10          | 2.52             | 0.00132               | PASS    |
|           |           |                      |              |            | 20          | 1.44             | 0.00075               | PASS    |
|           |           |                      |              |            | 30          | 1.89             | 0.00099               | PASS    |
|           |           |                      |              |            | 40          | -3.63            | -0.0019               | PASS    |
|           |           |                      |              |            | 50          | -0.5             | -0.00026              | PASS    |
|           |           | 3                    | LCH          | VN         | -30         | -3.22            | -0.00174              | PASS    |
|           |           |                      |              |            | -20         | -0.63            | -0.00034              | PASS    |
|           |           |                      |              |            | -10         | -8.3             | -0.00448              | PASS    |
|           |           |                      |              |            | 0           | -4.26            | -0.0023               | PASS    |
|           |           |                      |              |            | 10          | -2.27            | -0.00123              | PASS    |
|           |           |                      |              |            | 20          | -0.34            | -0.00018              | PASS    |
|           |           |                      |              |            | 30          | 1.43             | 0.00077               | PASS    |
|           |           |                      |              |            | 40          | 1.04             | 0.00056               | PASS    |
|           |           |                      |              |            | 50          | -6.18            | -0.00334              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -4.79            | -0.00255              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | -20         | 0.23             | 0.00012               | PASS    |
|           |           |                      |              |            | -10         | -5.21            | -0.00277              | PASS    |
|           |           |                      |              |            | 0           | -6.65            | -0.00354              | PASS    |
|           |           |                      |              |            | 10          | -2.03            | -0.00108              | PASS    |
|           |           |                      |              |            | 20          | -0.76            | -0.0004               | PASS    |
|           |           |                      |              |            | 30          | -2.59            | -0.00138              | PASS    |
|           |           |                      |              |            | 40          | 1.09             | 0.00058               | PASS    |
|           |           |                      |              |            | 50          | 1.04             | 0.00055               | PASS    |
|           |           |                      | HCH          | VN         | -30         | 2.37             | 0.00124               | PASS    |
|           |           |                      |              |            | -20         | -5.02            | -0.00263              | PASS    |
|           |           |                      |              |            | -10         | 1.5              | 0.00079               | PASS    |
|           |           |                      |              |            | 0           | -0.03            | -0.00002              | PASS    |
|           |           |                      |              |            | 10          | -8.34            | -0.00437              | PASS    |
|           |           |                      |              |            | 20          | -0.29            | -0.00015              | PASS    |
|           |           |                      |              |            | 30          | 1.36             | 0.00071               | PASS    |
|           |           |                      |              |            | 40          | -3.98            | -0.00209              | PASS    |
|           |           |                      |              |            | 50          | 1.24             | 0.00065               | PASS    |
|           |           | 5                    | LCH          | VN         | -30         | 1.86             | 0.001                 | PASS    |
|           |           |                      |              |            | -20         | 0.76             | 0.00041               | PASS    |
|           |           |                      |              |            | -10         | -1.09            | -0.00059              | PASS    |
|           |           |                      |              |            | 0           | -0.2             | -0.00011              | PASS    |
|           |           |                      |              |            | 10          | -0.33            | -0.00018              | PASS    |
|           |           |                      |              |            | 20          | 1.66             | 0.0009                | PASS    |
|           |           |                      |              |            | 30          | -1.66            | -0.0009               | PASS    |
|           |           |                      |              |            | 40          | -2               | -0.00108              | PASS    |
|           |           |                      |              |            | 50          | -4.76            | -0.00257              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -0.62            | -0.00033              | PASS    |
|           |           |                      |              |            | -20         | -1.27            | -0.00068              | PASS    |
|           |           |                      |              |            | -10         | -1.3             | -0.00069              | PASS    |
|           |           |                      |              |            | 0           | -1.93            | -0.00103              | PASS    |
|           |           |                      |              |            | 10          | -0.14            | -0.00007              | PASS    |
|           |           |                      |              |            | 20          | -0.54            | -0.00029              | PASS    |
|           |           |                      |              |            | 30          | 0.97             | 0.00052               | PASS    |
|           |           |                      |              |            | 40          | -1.69            | -0.0009               | PASS    |
|           |           |                      |              |            | 50          | -1.5             | -0.0008               | PASS    |
|           |           |                      | HCH          | VN         | -30         | -0.44            | -0.00023              | PASS    |
|           |           |                      |              |            | -20         | -3.33            | -0.00175              | PASS    |
|           |           |                      |              |            | -10         | -0.97            | -0.00051              | PASS    |
|           |           |                      |              |            | 0           | -1.65            | -0.00087              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10          | -1.72            | -0.0009               | PASS    |
|           |           |                      |              |            | 20          | -6.12            | -0.00321              | PASS    |
|           |           |                      |              |            | 30          | -6.44            | -0.00338              | PASS    |
|           |           |                      |              |            | 40          | 0.97             | 0.00051               | PASS    |
|           |           |                      |              |            | 50          | -3.75            | -0.00197              | PASS    |
|           |           | 10                   | LCH          | VN         | -30         | -3.1             | -0.00167              | PASS    |
|           |           |                      |              |            | -20         | -0.47            | -0.00025              | PASS    |
|           |           |                      |              |            | -10         | 0.47             | 0.00025               | PASS    |
|           |           |                      |              |            | 0           | -2.35            | -0.00127              | PASS    |
|           |           |                      |              |            | 10          | -1.96            | -0.00106              | PASS    |
|           |           |                      |              |            | 20          | -1.43            | -0.00077              | PASS    |
|           |           |                      |              |            | 30          | 1.99             | 0.00107               | PASS    |
|           |           |                      |              |            | 40          | -0.63            | -0.00034              | PASS    |
|           |           |                      |              |            | 50          | -2.19            | -0.00118              | PASS    |
|           |           |                      | MCH          | VN         | -30         | 1.23             | 0.00065               | PASS    |
|           |           |                      |              |            | -20         | -1.77            | -0.00094              | PASS    |
|           |           |                      |              |            | -10         | 0.37             | 0.0002                | PASS    |
|           |           |                      |              |            | 0           | -1.14            | -0.00061              | PASS    |
|           |           |                      |              |            | 10          | 3.85             | 0.00205               | PASS    |
|           |           |                      |              |            | 20          | -1.22            | -0.00065              | PASS    |
|           |           |                      |              |            | 30          | 0.66             | 0.00035               | PASS    |
|           |           |                      |              |            | 40          | -3.2             | -0.0017               | PASS    |
|           |           |                      |              |            | 50          | -2.86            | -0.00152              | PASS    |
|           |           |                      | HCH          | VN         | -30         | 1.02             | 0.00054               | PASS    |
|           |           |                      |              |            | -20         | 2.53             | 0.00133               | PASS    |
|           |           |                      |              |            | -10         | 2.17             | 0.00114               | PASS    |
|           |           |                      |              |            | 0           | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 10          | -0.9             | -0.00047              | PASS    |
|           |           |                      |              |            | 20          | 1.02             | 0.00054               | PASS    |
|           |           |                      |              |            | 30          | 0.23             | 0.00012               | PASS    |
|           |           |                      |              |            | 40          | -1.03            | -0.00054              | PASS    |
|           |           |                      |              |            | 50          | -1.73            | -0.00091              | PASS    |
|           |           | 15                   | LCH          | VN         | -30         | 0.46             | 0.00025               | PASS    |
|           |           |                      |              |            | -20         | -2.88            | -0.00155              | PASS    |
|           |           |                      |              |            | -10         | -1.67            | -0.0009               | PASS    |
|           |           |                      |              |            | 0           | -1.36            | -0.00073              | PASS    |
|           |           |                      |              |            | 10          | 0.06             | 0.00003               | PASS    |
|           |           |                      |              |            | 20          | -1.83            | -0.00099              | PASS    |
|           |           |                      |              |            | 30          | -4.26            | -0.00229              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40          | -1.47            | -0.00079              | PASS    |
|           |           |                      |              |            | 50          | -1.34            | -0.00072              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -1.6             | -0.00085              | PASS    |
|           |           |                      |              |            | -20         | 2.26             | 0.0012                | PASS    |
|           |           |                      |              |            | -10         | -1.59            | -0.00085              | PASS    |
|           |           |                      |              |            | 0           | -2.59            | -0.00138              | PASS    |
|           |           |                      |              |            | 10          | -0.37            | -0.0002               | PASS    |
|           |           |                      |              |            | 20          | 0.29             | 0.00015               | PASS    |
|           |           |                      |              |            | 30          | 1                | 0.00053               | PASS    |
|           |           |                      |              |            | 40          | -2.88            | -0.00153              | PASS    |
|           |           |                      |              |            | 50          | -0.5             | -0.00027              | PASS    |
|           |           |                      | HCH          | VN         | -30         | -0.1             | -0.00005              | PASS    |
|           |           |                      |              |            | -20         | -0.14            | -0.00007              | PASS    |
|           |           |                      |              |            | -10         | -2.52            | -0.00132              | PASS    |
|           |           |                      |              |            | 0           | 0.14             | 0.00007               | PASS    |
|           |           |                      |              |            | 10          | -1.23            | -0.00065              | PASS    |
|           |           |                      |              |            | 20          | -1.7             | -0.00089              | PASS    |
|           |           |                      |              |            | 30          | -0.7             | -0.00037              | PASS    |
|           |           |                      |              |            | 40          | -1.72            | -0.0009               | PASS    |
|           |           |                      |              |            | 50          | -1.27            | -0.00067              | PASS    |
|           |           | 20                   | LCH          | VN         | -30         | -2.39            | -0.00128              | PASS    |
|           |           |                      |              |            | -20         | -0.16            | -0.00009              | PASS    |
|           |           |                      |              |            | -10         | -0.39            | -0.00021              | PASS    |
|           |           |                      |              |            | 0           | 1.2              | 0.00065               | PASS    |
|           |           |                      |              |            | 10          | 1.09             | 0.00059               | PASS    |
|           |           |                      |              |            | 20          | -0.09            | -0.00005              | PASS    |
|           |           |                      |              |            | 30          | -0.92            | -0.00049              | PASS    |
|           |           |                      |              |            | 40          | -1.37            | -0.00074              | PASS    |
|           |           |                      |              |            | 50          | -1.17            | -0.00063              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -1.26            | -0.00067              | PASS    |
|           |           |                      |              |            | -20         | -0.37            | -0.0002               | PASS    |
|           |           |                      |              |            | -10         | -1.77            | -0.00094              | PASS    |
|           |           |                      |              |            | 0           | 0.34             | 0.00018               | PASS    |
|           |           |                      |              |            | 10          | -2.02            | -0.00107              | PASS    |
|           |           |                      |              |            | 20          | -0.93            | -0.00049              | PASS    |
|           |           |                      |              |            | 30          | -0.1             | -0.00005              | PASS    |
|           |           |                      |              |            | 40          | -2.03            | -0.00108              | PASS    |
|           |           |                      |              |            | 50          | 0.04             | 0.00002               | PASS    |
|           |           |                      | HCH          | VN         | -30         | -1.59            | -0.00084              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | -20         | -2.36            | -0.00124              | PASS    |
|           |           |                      |              |            | -10         | -2.79            | -0.00147              | PASS    |
|           |           |                      |              |            | 0           | -3               | -0.00158              | PASS    |
|           |           |                      |              |            | 10          | -1.96            | -0.00103              | PASS    |
|           |           |                      |              |            | 20          | -1.04            | -0.00055              | PASS    |
|           |           |                      |              |            | 30          | -0.74            | -0.00039              | PASS    |
|           |           |                      |              |            | 40          | -2.8             | -0.00147              | PASS    |
|           |           |                      |              |            | 50          | -4.06            | -0.00214              | PASS    |
|           | LTE/TM2   | 1.4                  | LCH          | VN         | -30         | -1.77            | -0.00096              | PASS    |
|           |           |                      |              |            | -20         | 1.92             | 0.00104               | PASS    |
|           |           |                      |              |            | -10         | -2.15            | -0.00116              | PASS    |
|           |           |                      |              |            | 0           | 0.06             | 0.00003               | PASS    |
|           |           |                      |              |            | 10          | -5.99            | -0.00324              | PASS    |
|           |           |                      |              |            | 20          | 0.83             | 0.00045               | PASS    |
|           |           |                      |              |            | 30          | 2.62             | 0.00142               | PASS    |
|           |           |                      |              |            | 40          | -2.06            | -0.00111              | PASS    |
|           |           |                      |              |            | 50          | -4.65            | -0.00251              | PASS    |
|           |           |                      | MCH          | VN         | -30         | 11.9             | 0.00633               | PASS    |
|           |           |                      |              |            | -20         | -17.08           | -0.00909              | PASS    |
|           |           |                      |              |            | -10         | -8.7             | -0.00463              | PASS    |
|           |           |                      |              |            | 0           | 4.68             | 0.00249               | PASS    |
|           |           |                      |              |            | 10          | -3.73            | -0.00198              | PASS    |
|           |           |                      |              |            | 20          | 8.11             | 0.00431               | PASS    |
|           |           |                      |              |            | 30          | -11.44           | -0.00609              | PASS    |
|           |           |                      |              |            | 40          | -7.97            | -0.00424              | PASS    |
|           |           |                      |              |            | 50          | -27.67           | -0.01472              | PASS    |
|           |           |                      | HCH          | VN         | -30         | 2.4              | 0.00126               | PASS    |
|           |           |                      |              |            | -20         | 1.32             | 0.00069               | PASS    |
|           |           |                      |              |            | -10         | 0.93             | 0.00049               | PASS    |
|           |           |                      |              |            | 0           | -6.18            | -0.00324              | PASS    |
|           |           |                      |              |            | 10          | 0.96             | 0.0005                | PASS    |
|           |           |                      |              |            | 20          | -8.34            | -0.00437              | PASS    |
|           |           |                      |              |            | 30          | 10.71            | 0.00561               | PASS    |
|           |           |                      |              |            | 40          | -8.17            | -0.00428              | PASS    |
|           |           |                      |              |            | 50          | -7.04            | -0.00369              | PASS    |
|           |           | 3                    | LCH          | VN         | -30         | -3.36            | -0.00181              | PASS    |
|           |           |                      |              |            | -20         | 0.19             | 0.0001                | PASS    |
|           |           |                      |              |            | -10         | -5.94            | -0.00321              | PASS    |
|           |           |                      |              |            | 0           | 0.97             | 0.00052               | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10          | -2.89            | -0.00156              | PASS    |
|           |           |                      |              |            | 20          | -3.93            | -0.00212              | PASS    |
|           |           |                      |              |            | 30          | -3.42            | -0.00185              | PASS    |
|           |           |                      |              |            | 40          | -0.54            | -0.00029              | PASS    |
|           |           |                      |              |            | 50          | -4.56            | -0.00246              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -7.38            | -0.00393              | PASS    |
|           |           |                      |              |            | -20         | -1.7             | -0.0009               | PASS    |
|           |           |                      |              |            | -10         | -6.77            | -0.0036               | PASS    |
|           |           |                      |              |            | 0           | -4.86            | -0.00259              | PASS    |
|           |           |                      |              |            | 10          | -3.49            | -0.00186              | PASS    |
|           |           |                      |              |            | 20          | -3.08            | -0.00164              | PASS    |
|           |           |                      |              |            | 30          | 1.72             | 0.00091               | PASS    |
|           |           |                      |              |            | 40          | 0.13             | 0.00007               | PASS    |
|           |           |                      |              |            | 50          | 0.56             | 0.0003                | PASS    |
|           |           |                      | HCH          | VN         | -30         | 0.4              | 0.00021               | PASS    |
|           |           |                      |              |            | -20         | -4.32            | -0.00226              | PASS    |
|           |           |                      |              |            | -10         | -3               | -0.00157              | PASS    |
|           |           |                      |              |            | 0           | -5.62            | -0.00294              | PASS    |
|           |           |                      |              |            | 10          | -3.1             | -0.00162              | PASS    |
|           |           |                      |              |            | 20          | 1.66             | 0.00087               | PASS    |
|           |           |                      |              |            | 30          | -5.76            | -0.00302              | PASS    |
|           |           |                      |              |            | 40          | -1               | -0.00052              | PASS    |
|           |           |                      |              |            | 50          | -2.66            | -0.00139              | PASS    |
|           |           | 5                    | LCH          | VN         | -30         | 1.99             | 0.00107               | PASS    |
|           |           |                      |              |            | -20         | -1.72            | -0.00093              | PASS    |
|           |           |                      |              |            | -10         | 0.79             | 0.00043               | PASS    |
|           |           |                      |              |            | 0           | 0.14             | 0.00008               | PASS    |
|           |           |                      |              |            | 10          | -0.37            | -0.0002               | PASS    |
|           |           |                      |              |            | 20          | 1.03             | 0.00056               | PASS    |
|           |           |                      |              |            | 30          | 1.22             | 0.00066               | PASS    |
|           |           |                      |              |            | 40          | 0.64             | 0.00035               | PASS    |
|           |           |                      |              |            | 50          | 0.13             | 0.00007               | PASS    |
|           |           |                      | MCH          | VN         | -30         | -0.87            | -0.00046              | PASS    |
|           |           |                      |              |            | -20         | 1.65             | 0.00088               | PASS    |
|           |           |                      |              |            | -10         | 0.27             | 0.00014               | PASS    |
|           |           |                      |              |            | 0           | 1.14             | 0.00061               | PASS    |
|           |           |                      |              |            | 10          | 1.77             | 0.00094               | PASS    |
|           |           |                      |              |            | 20          | -0.49            | -0.00026              | PASS    |
|           |           |                      |              |            | 30          | -1.57            | -0.00084              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | 40          | -0.76            | -0.0004               | PASS    |
|           |           |                      |              |            | 50          | 0.57             | 0.0003                | PASS    |
|           |           |                      | HCH          | VN         | -30         | -0.29            | -0.00015              | PASS    |
|           |           |                      |              |            | -20         | 1.13             | 0.00059               | PASS    |
|           |           |                      |              |            | -10         | -2.23            | -0.00117              | PASS    |
|           |           |                      |              |            | 0           | -1.82            | -0.00095              | PASS    |
|           |           |                      |              |            | 10          | -1.49            | -0.00078              | PASS    |
|           |           |                      |              |            | 20          | -1.44            | -0.00075              | PASS    |
|           |           |                      |              |            | 30          | -1.13            | -0.00059              | PASS    |
|           |           |                      |              |            | 40          | 0.49             | 0.00026               | PASS    |
|           |           |                      |              |            | 50          | -6.44            | -0.00338              | PASS    |
|           |           | 10                   | LCH          | VN         | -30         | -1.43            | -0.00077              | PASS    |
|           |           |                      |              |            | -20         | 4.45             | 0.0024                | PASS    |
|           |           |                      |              |            | -10         | 0.93             | 0.0005                | PASS    |
|           |           |                      |              |            | 0           | -0.14            | -0.00008              | PASS    |
|           |           |                      |              |            | 10          | -1.53            | -0.00082              | PASS    |
|           |           |                      |              |            | 20          | -2.56            | -0.00138              | PASS    |
|           |           |                      |              |            | 30          | 1.16             | 0.00063               | PASS    |
|           |           |                      |              |            | 40          | 0.24             | 0.00013               | PASS    |
|           |           |                      |              |            | 50          | -2.1             | -0.00113              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -1.04            | -0.00055              | PASS    |
|           |           |                      |              |            | -20         | 1.23             | 0.00065               | PASS    |
|           |           |                      |              |            | -10         | -1.43            | -0.00076              | PASS    |
|           |           |                      |              |            | 0           | 0.66             | 0.00035               | PASS    |
|           |           |                      |              |            | 10          | -1.3             | -0.00069              | PASS    |
|           |           |                      |              |            | 20          | -1.02            | -0.00054              | PASS    |
|           |           |                      |              |            | 30          | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 40          | 0.1              | 0.00005               | PASS    |
|           |           |                      |              |            | 50          | -3.32            | -0.00177              | PASS    |
|           |           |                      | HCH          | VN         | -30         | -0.84            | -0.00044              | PASS    |
|           |           |                      |              |            | -20         | 2.02             | 0.00106               | PASS    |
|           |           |                      |              |            | -10         | 3.85             | 0.00202               | PASS    |
|           |           |                      |              |            | 0           | 2.99             | 0.00157               | PASS    |
|           |           |                      |              |            | 10          | -3.76            | -0.00197              | PASS    |
|           |           |                      |              |            | 20          | 0.5              | 0.00026               | PASS    |
|           |           |                      |              |            | 30          | -0.67            | -0.00035              | PASS    |
|           |           |                      |              |            | 40          | -1.2             | -0.00063              | PASS    |
|           |           |                      |              |            | 50          | 2.62             | 0.00138               | PASS    |
|           |           | 15                   | LCH          | VN         | -30         | -3.25            | -0.00175              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | -20         | -0.83            | -0.00045              | PASS    |
|           |           |                      |              |            | -10         | 0.26             | 0.00014               | PASS    |
|           |           |                      |              |            | 0           | -1.99            | -0.00107              | PASS    |
|           |           |                      |              |            | 10          | -0.72            | -0.00039              | PASS    |
|           |           |                      |              |            | 20          | 0.53             | 0.00029               | PASS    |
|           |           |                      |              |            | 30          | 0.41             | 0.00022               | PASS    |
|           |           |                      |              |            | 40          | -2.45            | -0.00132              | PASS    |
|           |           |                      |              |            | 50          | -1.49            | -0.00008              | PASS    |
|           |           |                      | MCH          | VN         | -30         | -2.23            | -0.00119              | PASS    |
|           |           |                      |              |            | -20         | -0.51            | -0.00027              | PASS    |
|           |           |                      |              |            | -10         | -1.34            | -0.00071              | PASS    |
|           |           |                      |              |            | 0           | -2.46            | -0.00131              | PASS    |
|           |           |                      |              |            | 10          | -0.04            | -0.00002              | PASS    |
|           |           |                      |              |            | 20          | -3.36            | -0.00179              | PASS    |
|           |           |                      |              |            | 30          | 1.06             | 0.00056               | PASS    |
|           |           |                      |              |            | 40          | -0.9             | -0.00048              | PASS    |
|           |           |                      |              |            | 50          | -0.04            | -0.00002              | PASS    |
|           |           |                      | HCH          | VN         | -30         | -0.67            | -0.00035              | PASS    |
|           |           |                      |              |            | -20         | -2.63            | -0.00138              | PASS    |
|           |           |                      |              |            | -10         | -3.19            | -0.00168              | PASS    |
|           |           |                      |              |            | 0           | -0.64            | -0.00034              | PASS    |
|           |           |                      |              |            | 10          | -1.13            | -0.00059              | PASS    |
|           |           |                      |              |            | 20          | -1.29            | -0.00068              | PASS    |
|           |           |                      |              |            | 30          | -0.16            | -0.00008              | PASS    |
|           |           |                      |              |            | 40          | -0.87            | -0.00046              | PASS    |
|           |           |                      |              |            | 50          | 0.74             | 0.00039               | PASS    |
|           |           | 20                   | LCH          | VN         | -30         | -0.36            | -0.00019              | PASS    |
|           |           |                      |              |            | -20         | -0.19            | -0.00001              | PASS    |
|           |           |                      |              |            | -10         | -0.82            | -0.00044              | PASS    |
|           |           |                      |              |            | 0           | 1.63             | 0.00088               | PASS    |
|           |           |                      |              |            | 10          | 0.99             | 0.00053               | PASS    |
|           |           |                      |              |            | 20          | 0.94             | 0.00051               | PASS    |
|           |           |                      |              |            | 30          | 0.67             | 0.00036               | PASS    |
|           |           |                      |              |            | 40          | 1.93             | 0.00104               | PASS    |
|           |           |                      |              |            | 50          | 0.9              | 0.00048               | PASS    |
|           |           |                      | MCH          | VN         | -30         | -0.92            | -0.00049              | PASS    |
|           |           |                      |              |            | -20         | -2               | -0.00106              | PASS    |
|           |           |                      |              |            | -10         | 1.02             | 0.00054               | PASS    |
|           |           |                      |              |            | 0           | -0.93            | -0.00049              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
|           |           |                      |              |            | 10          | -1.85            | -0.00098              | PASS    |
|           |           |                      |              |            | 20          | 0.24             | 0.00013               | PASS    |
|           |           |                      |              |            | 30          | -0.7             | -0.00037              | PASS    |
|           |           |                      |              |            | 40          | -0.54            | -0.00029              | PASS    |
|           |           |                      |              |            | 50          | 0.24             | 0.00013               | PASS    |
|           |           |                      | HCH          | VN         | -30         | -1.2             | -0.00063              | PASS    |
|           |           |                      |              |            | -20         | -0.01            | -0.00001              | PASS    |
|           |           |                      |              |            | -10         | -1.07            | -0.00056              | PASS    |
|           |           |                      |              |            | 0           | -0.07            | -0.00004              | PASS    |
|           |           |                      |              |            | 10          | -2.15            | -0.00113              | PASS    |
|           |           |                      |              |            | 20          | -0.23            | -0.00012              | PASS    |
|           |           |                      |              |            | 30          | 0.6              | 0.00032               | PASS    |
|           |           |                      |              |            | 40          | -1.87            | -0.00098              | PASS    |
|           |           |                      |              |            | 50          | -0.1             | -0.00005              | PASS    |

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END