





### 6.2.1.1.2.3 Test Channel = HCH

#### 6.2.1.1.2.3.1 Test RB = RB1#0



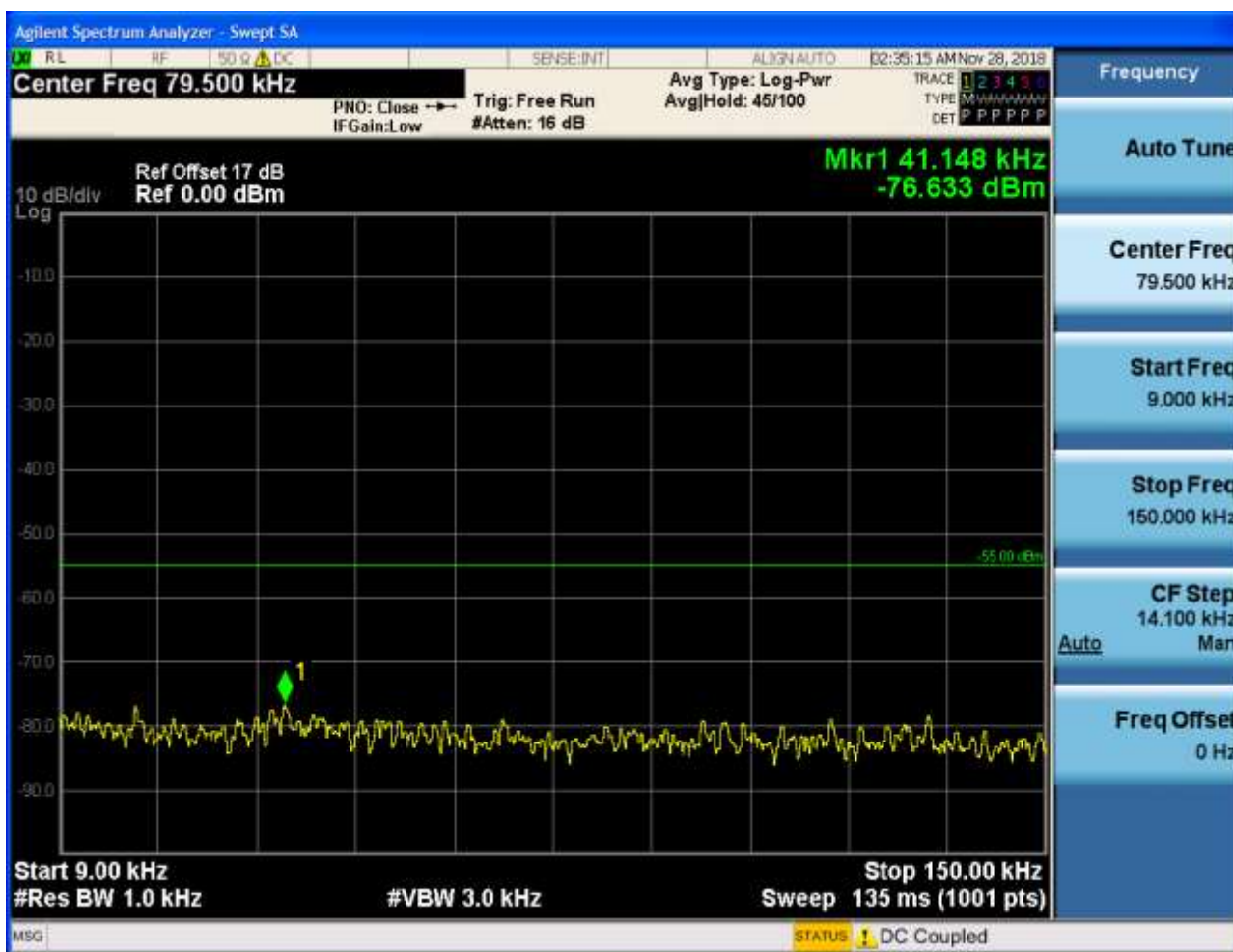




### 6.2.1.1.3 Test Bandwidth = 15

#### 6.2.1.1.3.1 Test Channel = LCH

##### 6.2.1.1.3.1.1 Test RB = RB1#0

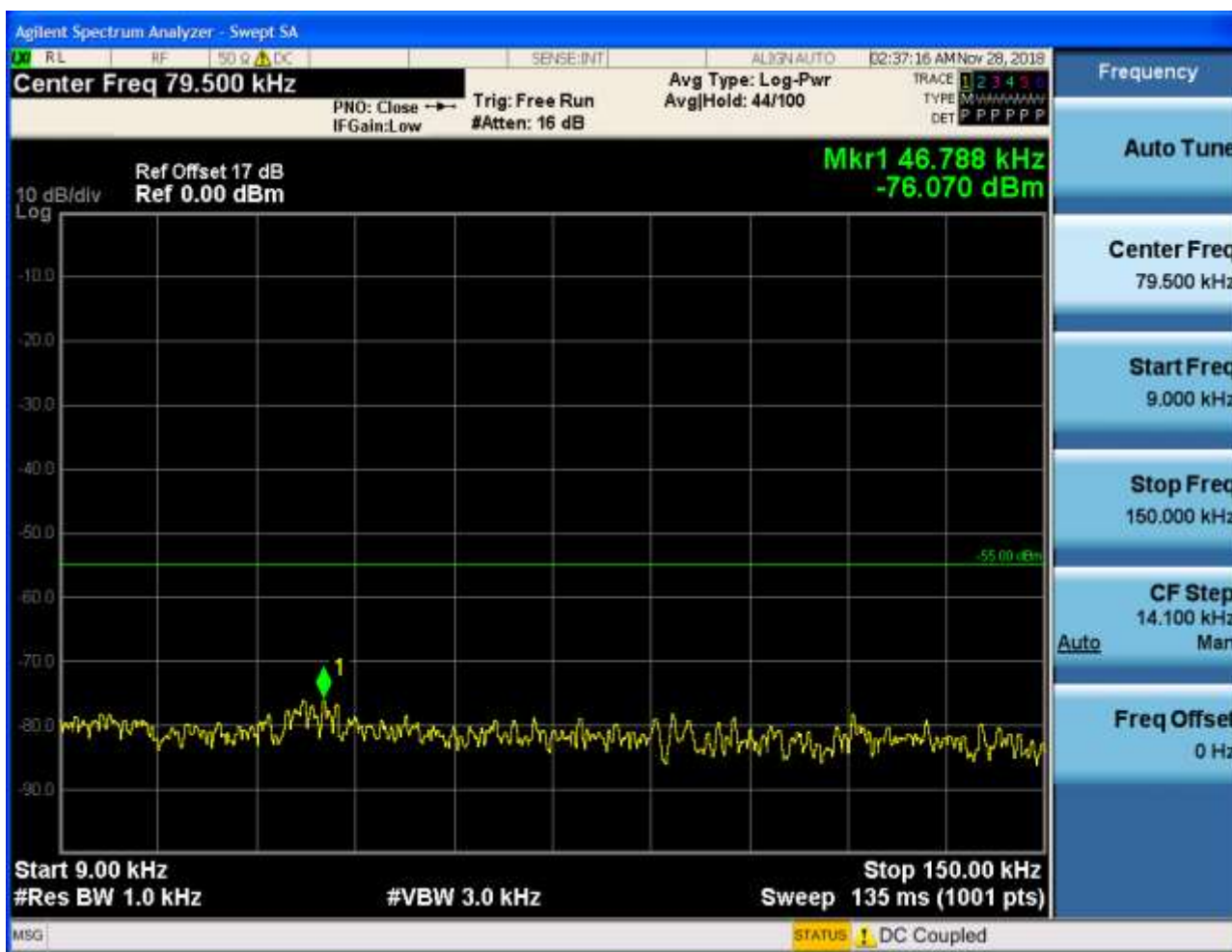






### 6.2.1.1.3.2 Test Channel = MCH

#### 6.2.1.1.3.2.1 Test RB = RB1#0







### 6.2.1.1.3.3 Test Channel = HCH

#### 6.2.1.1.3.3.1 Test RB = RB1#0







#### 6.2.1.1.4 Test Bandwidth = 20

##### 6.2.1.1.4.1 Test Channel = LCH

##### 6.2.1.1.4.1.1 Test RB = RB1#0

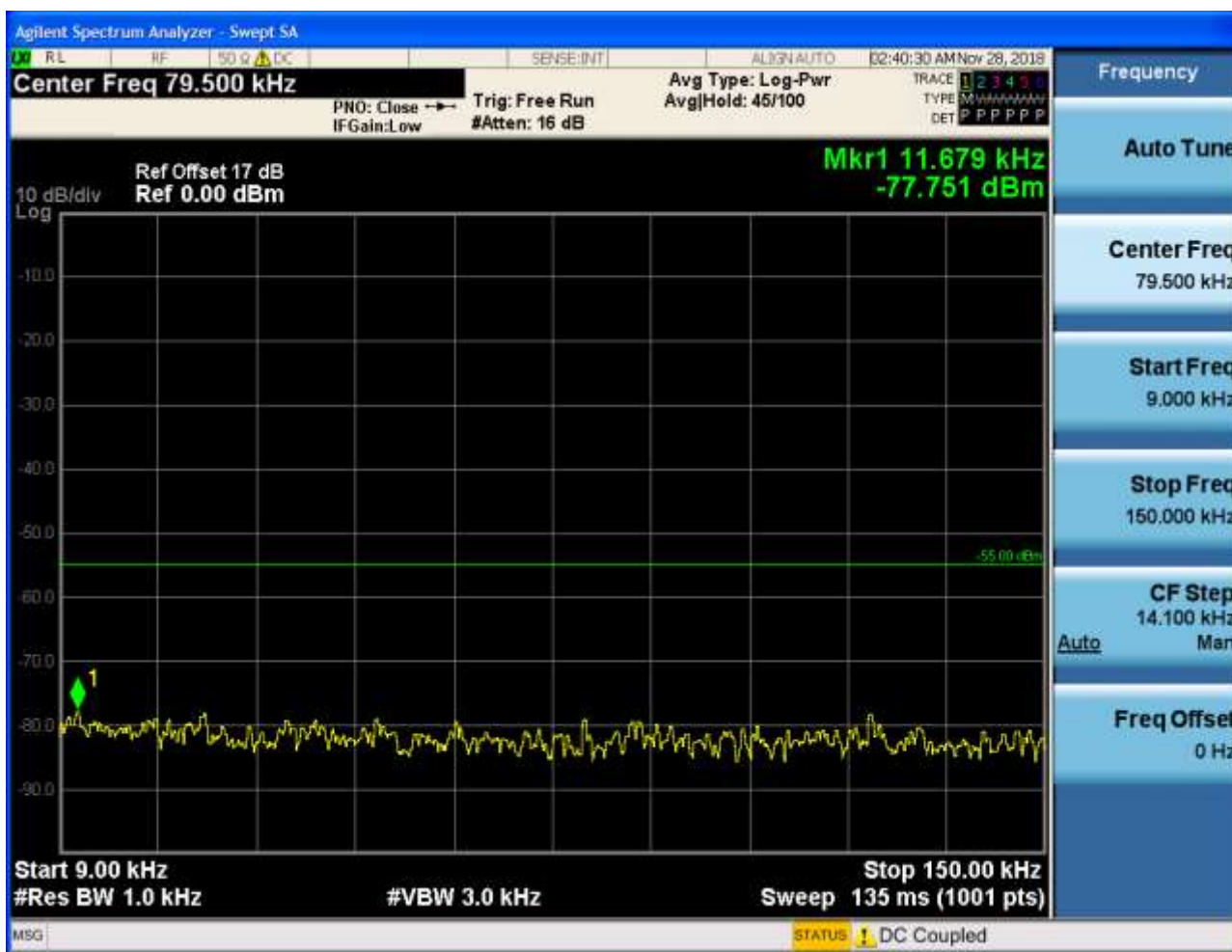






#### 6.2.1.1.4.2 Test Channel = MCH

##### 6.2.1.1.4.2.1 Test RB = RB1#0

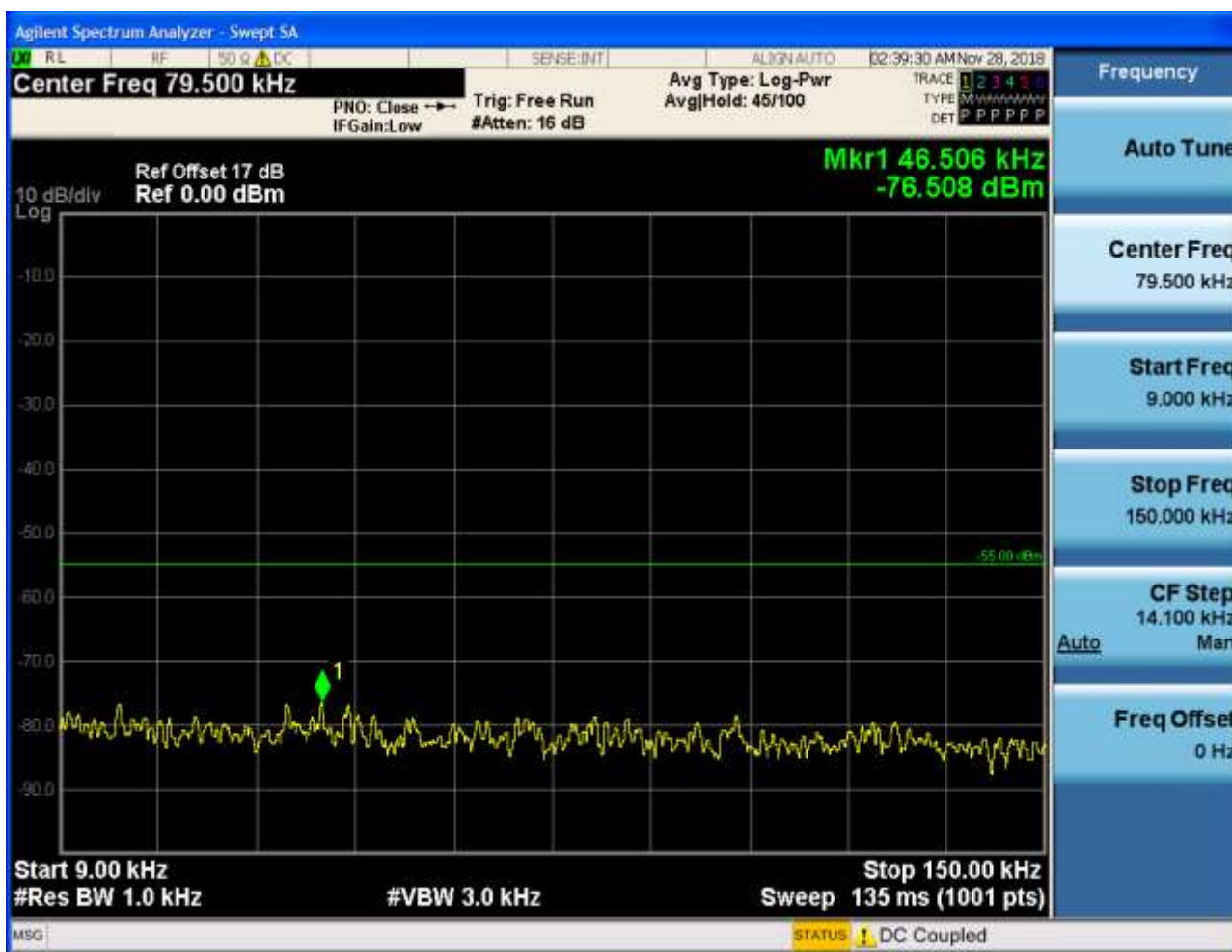






### 6.2.1.1.4.3 Test Channel = HCH

#### 6.2.1.1.4.3.1 Test RB = RB1#0







## 6.2.1.2 Test Mode = LTE/TM2

### 6.2.1.2.1 Test Bandwidth = 5

#### 6.2.1.2.1.1 Test Channel = LCH

##### 6.2.1.2.1.1.1 Test RB = RB1#0







### 6.2.1.2.1.2 Test Channel = MCH

#### 6.2.1.2.1.2.1 Test RB = RB1#0

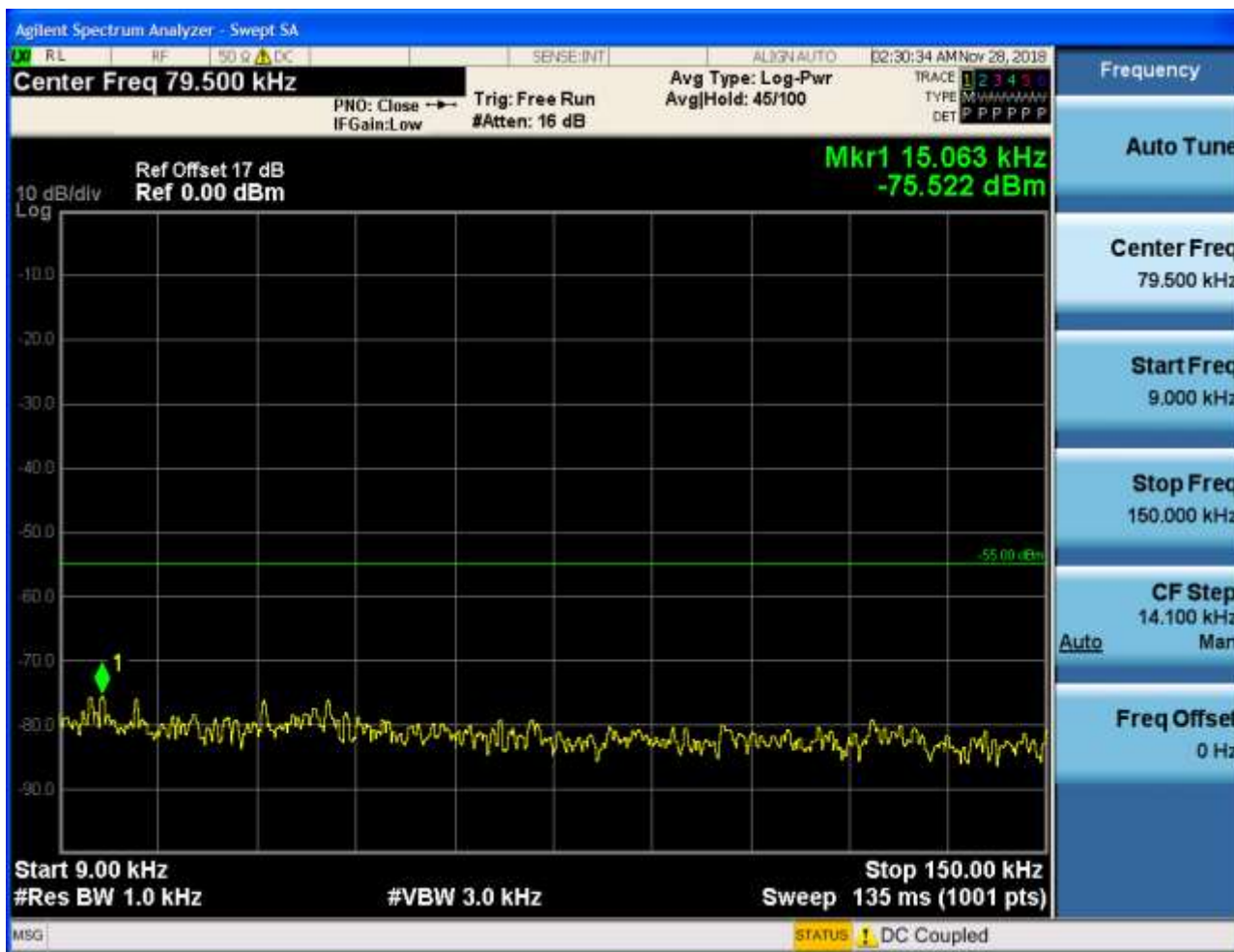


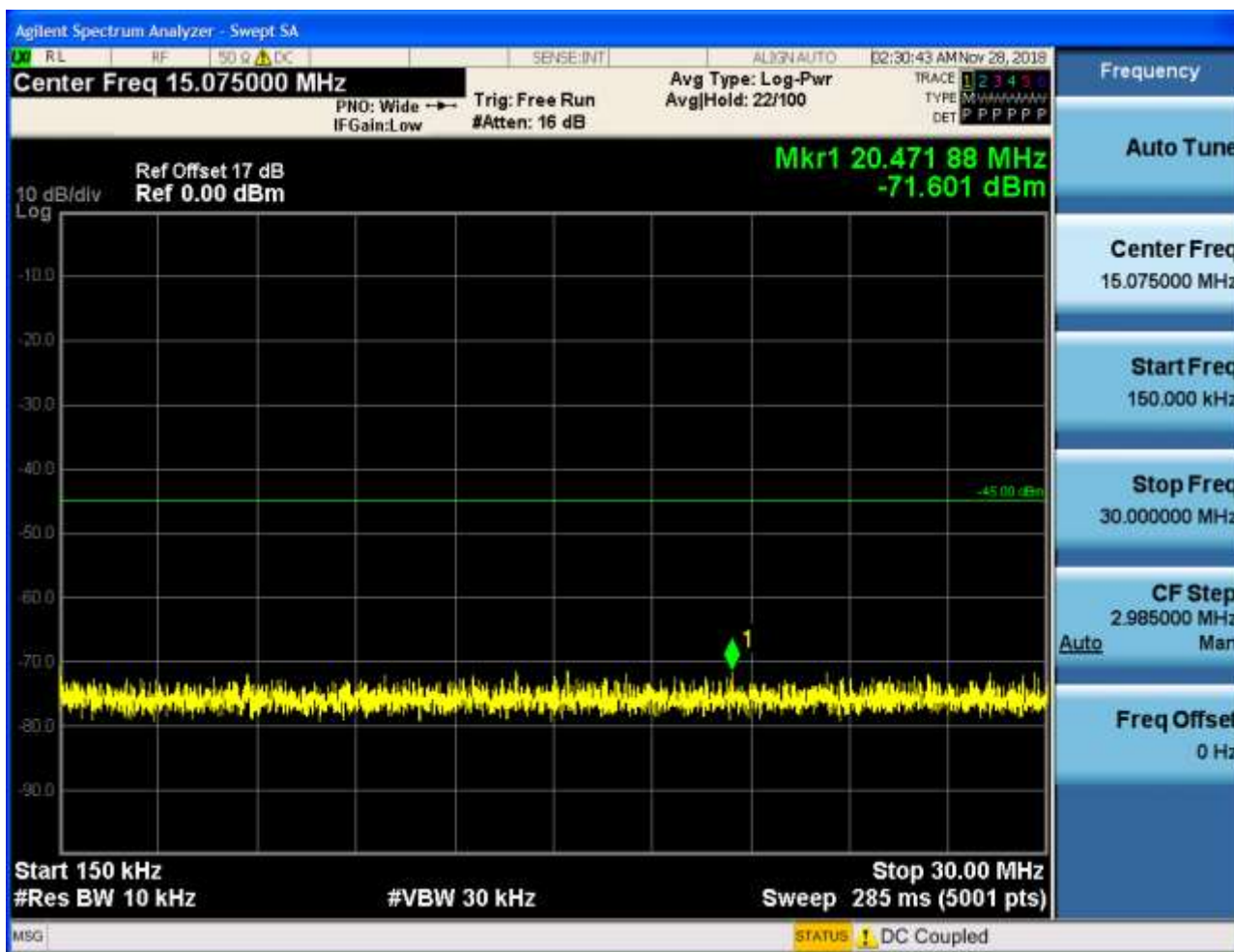




### 6.2.1.2.1.3 Test Channel = HCH

#### 6.2.1.2.1.3.1 Test RB = RB1#0







### 6.2.1.2.2 Test Bandwidth = 10

#### 6.2.1.2.2.1 Test Channel = LCH

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

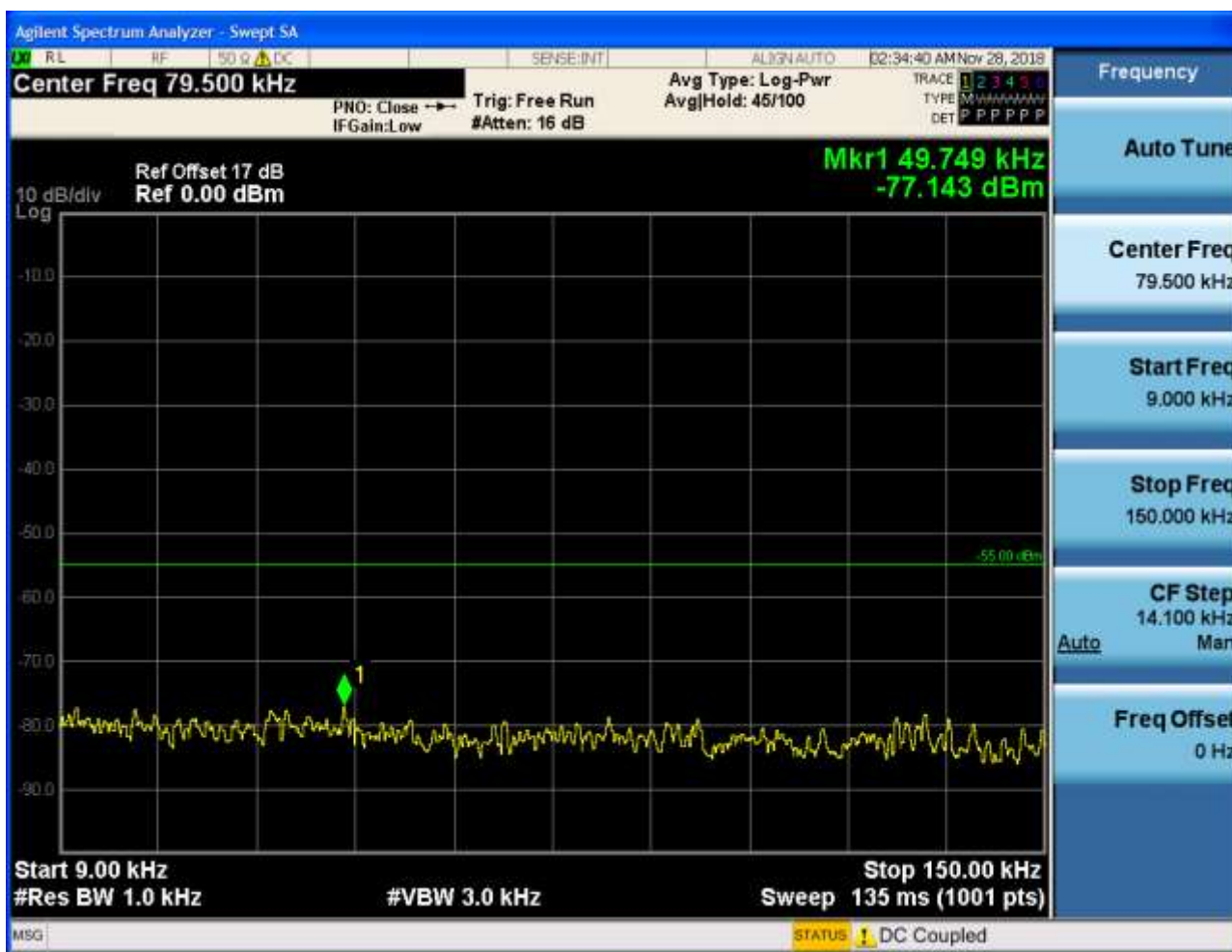






## 6.2.1.2.2.2 Test Channel = MCH

### 6.2.1.2.2.2.1 Test RB = RB1#0

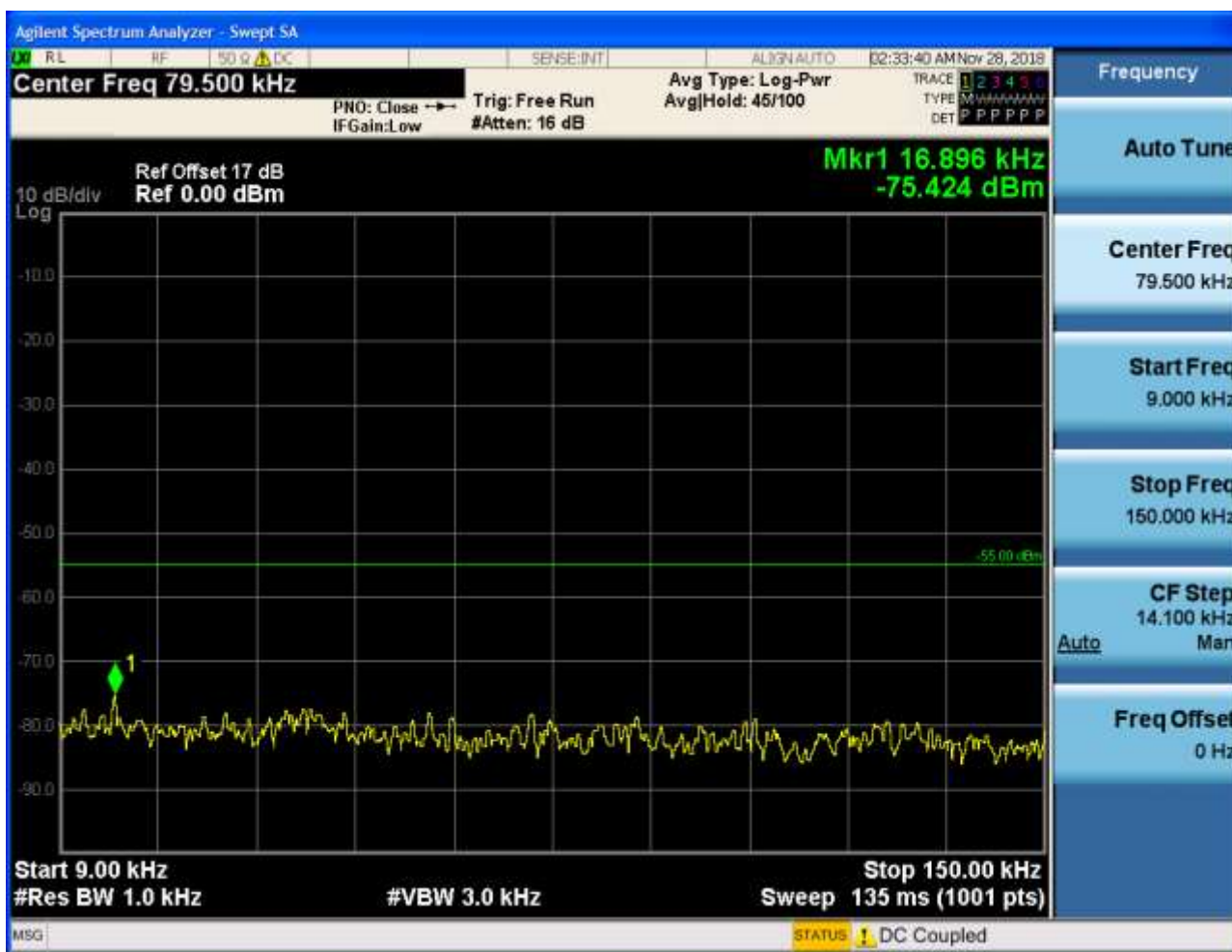






### 6.2.1.2.2.3 Test Channel = HCH

#### 6.2.1.2.2.3.1 Test RB = RB1#0



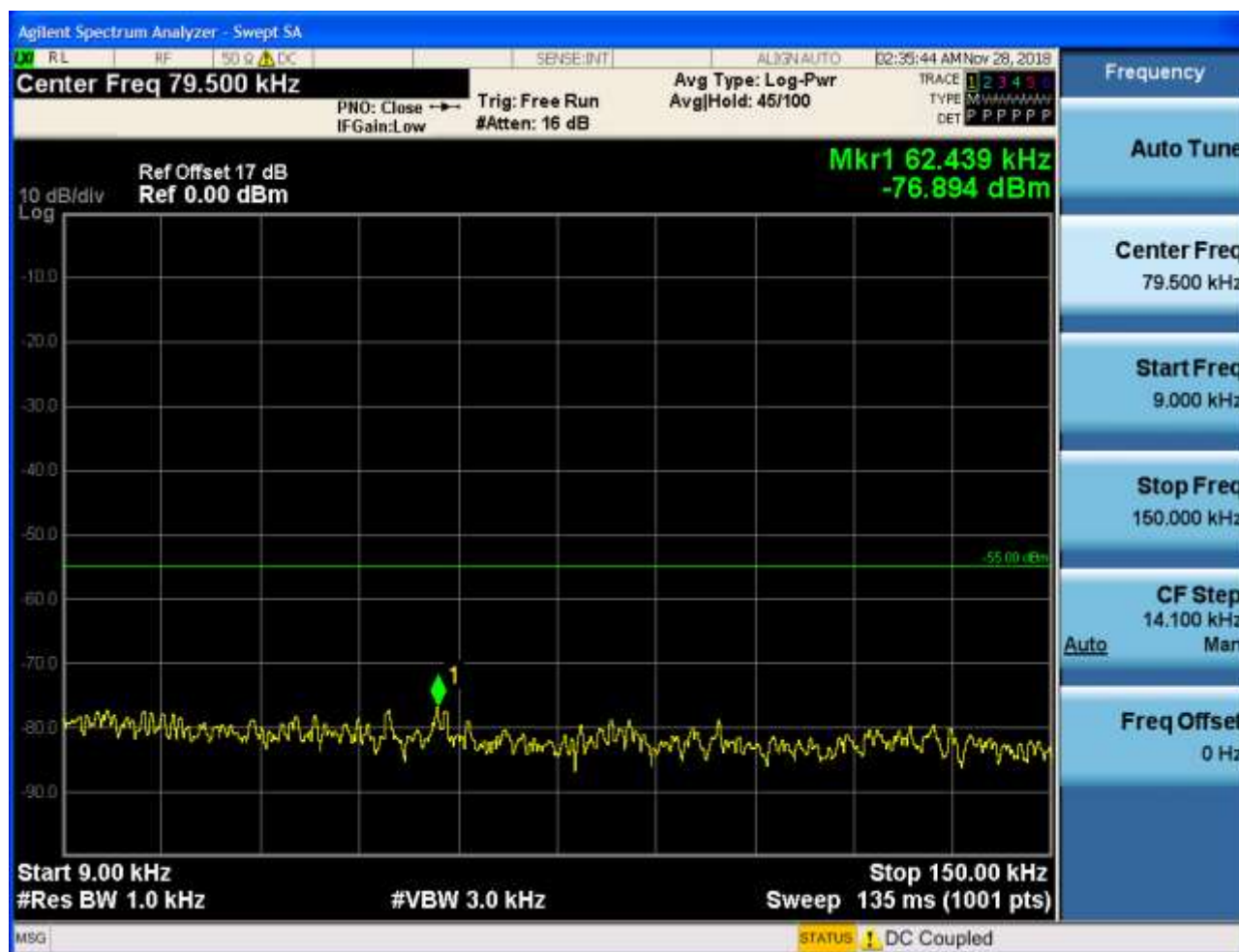




### 6.2.1.2.3 Test Bandwidth = 15

#### 6.2.1.2.3.1 Test Channel = LCH

##### 6.2.1.2.3.1.1 Test RB = RB1#0

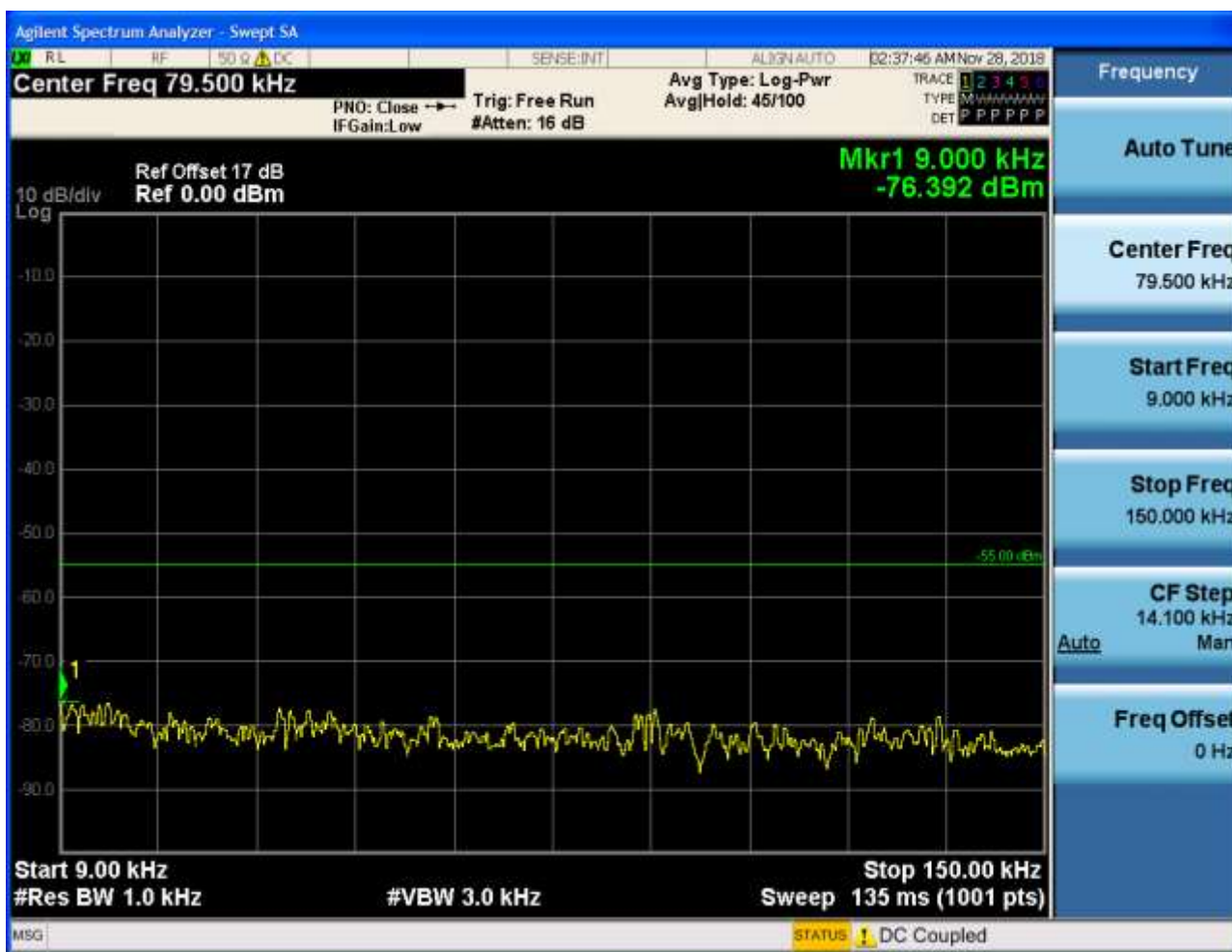






### 6.2.1.2.3.2 Test Channel = MCH

#### 6.2.1.2.3.2.1 Test RB = RB1#0

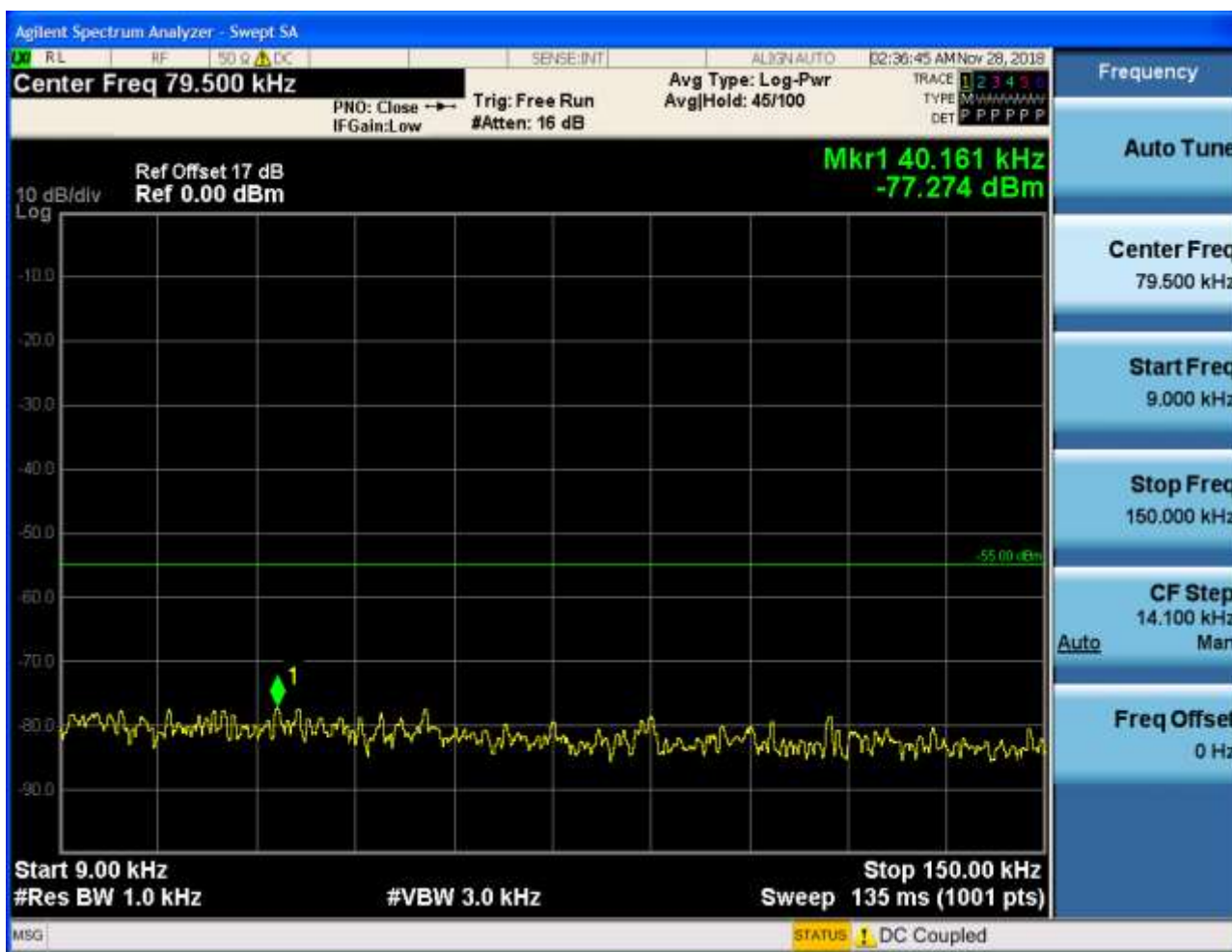






### 6.2.1.2.3.3 Test Channel = HCH

#### 6.2.1.2.3.3.1 Test RB = RB1#0



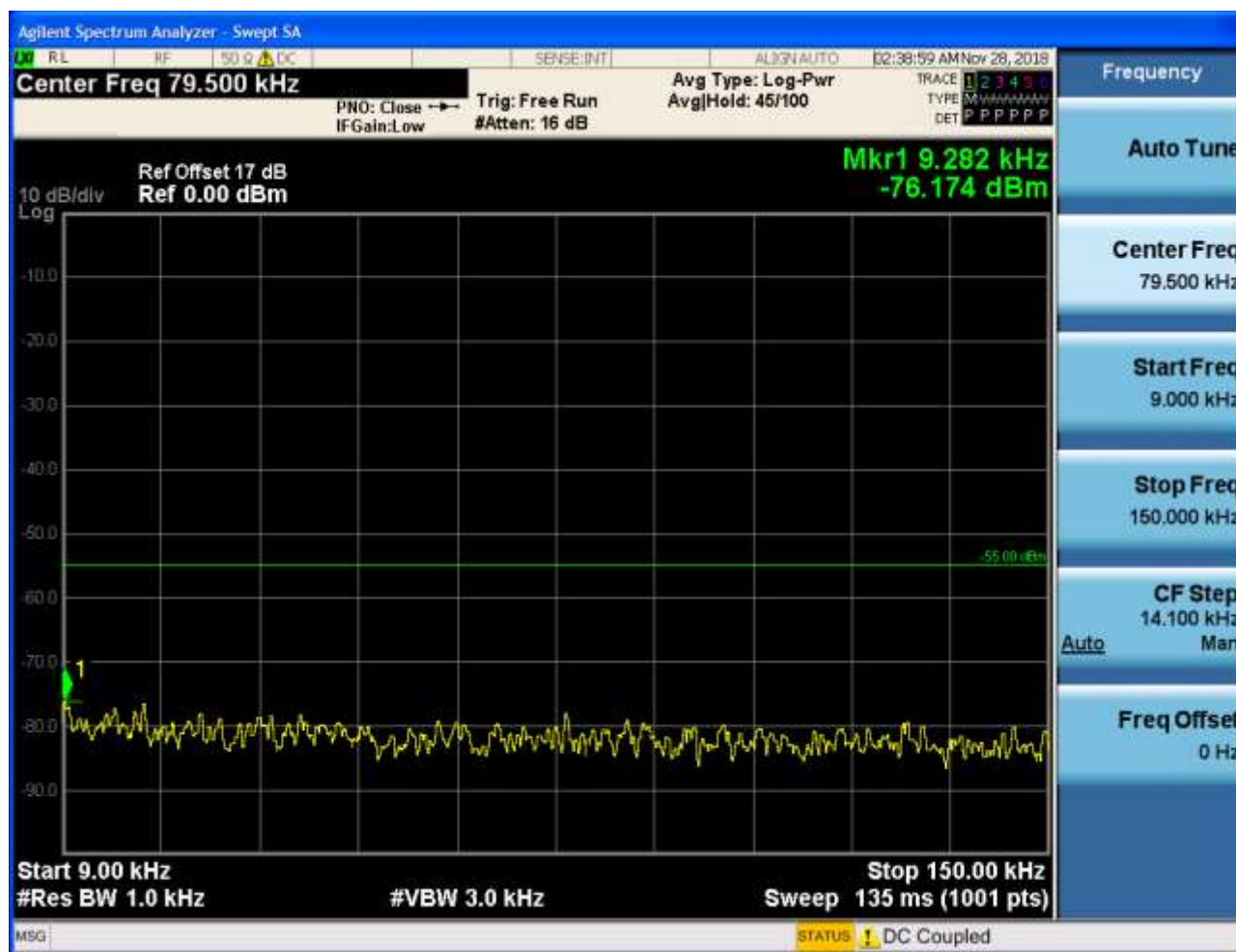




#### 6.2.1.2.4 Test Bandwidth = 20

##### 6.2.1.2.4.1 Test Channel = LCH

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

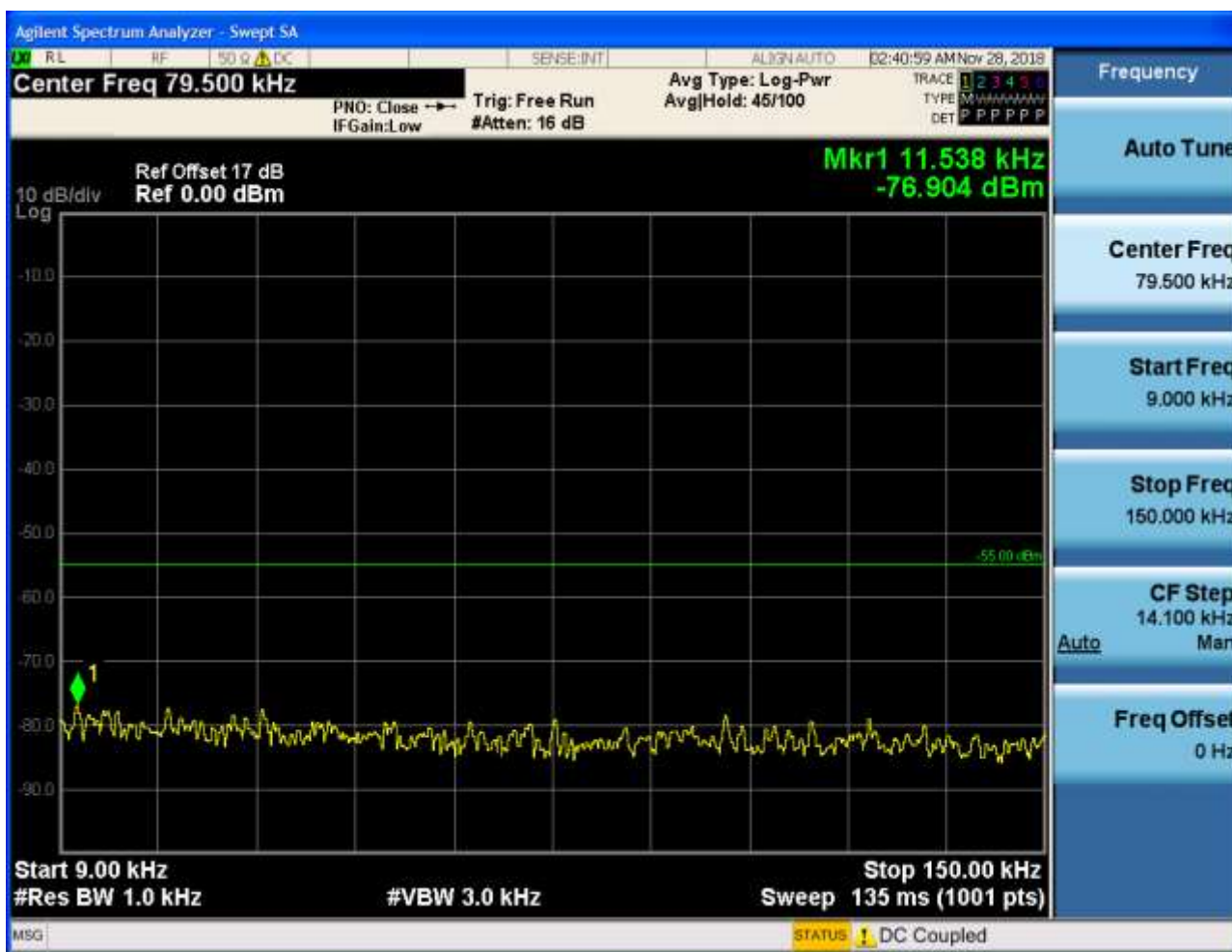






## 6.2.1.2.4.2 Test Channel = MCH

### 6.2.1.2.4.2.1 Test RB = RB1#0

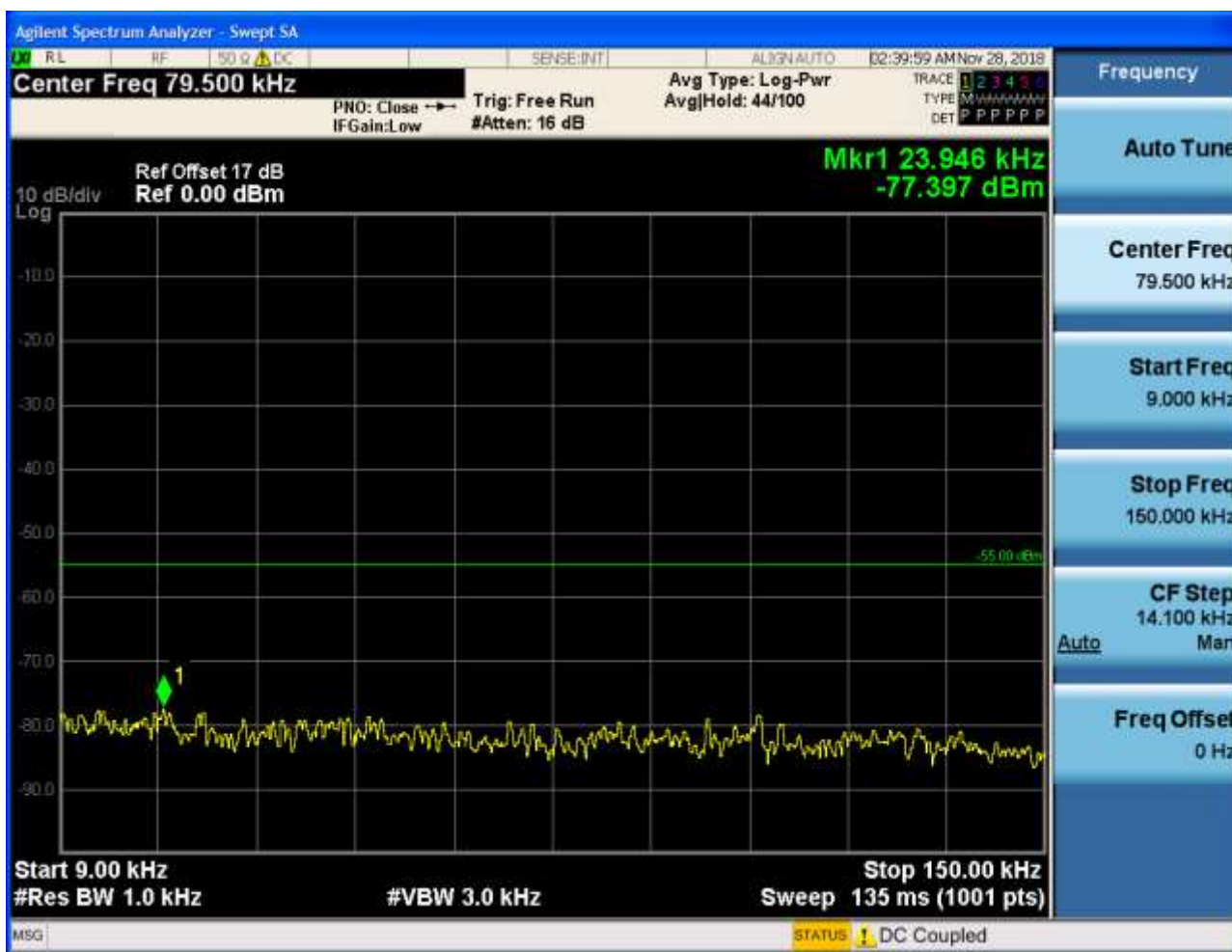


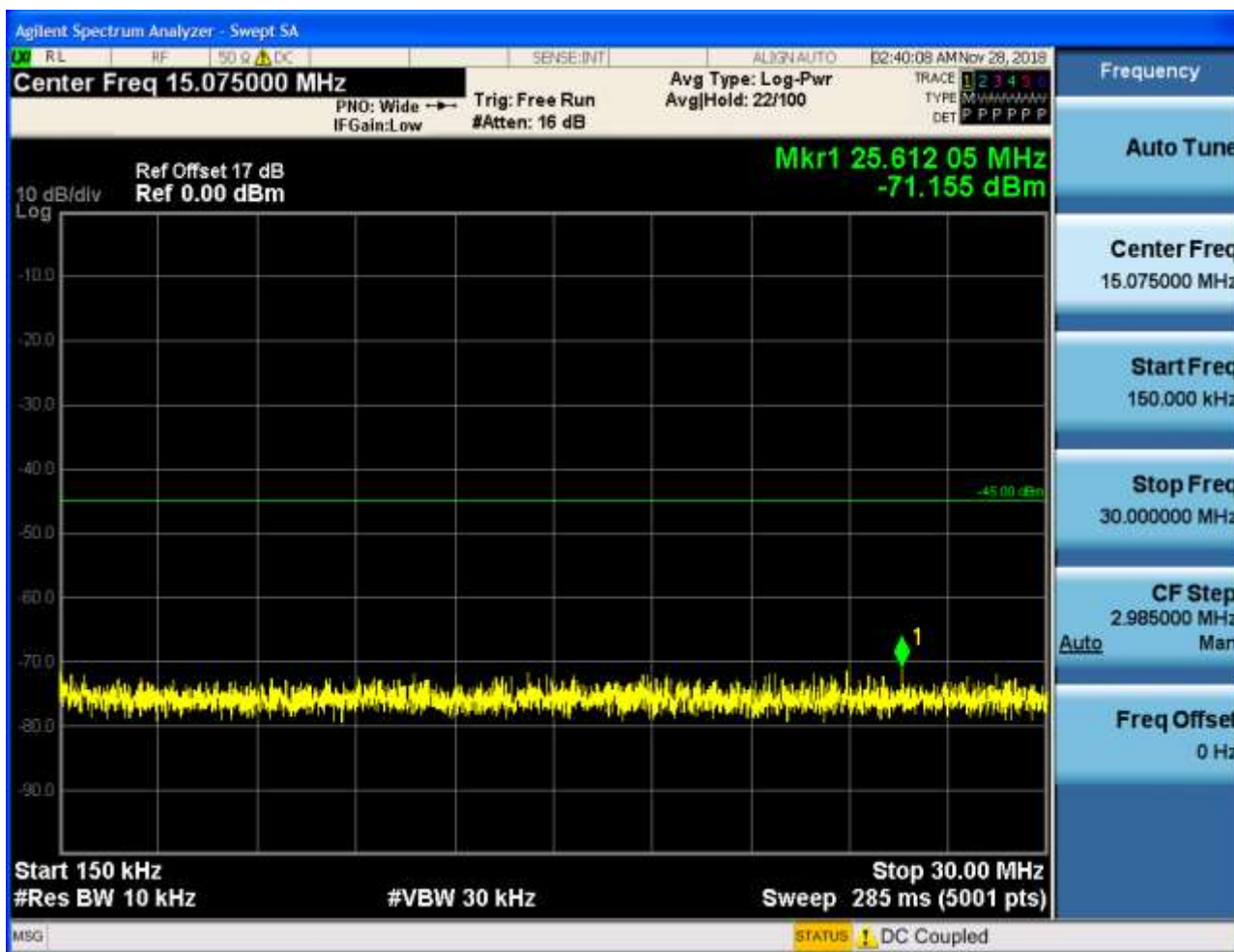




### 6.2.1.2.4.3 Test Channel = HCH

#### 6.2.1.2.4.3.1 Test RB = RB1#0







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

Note: 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

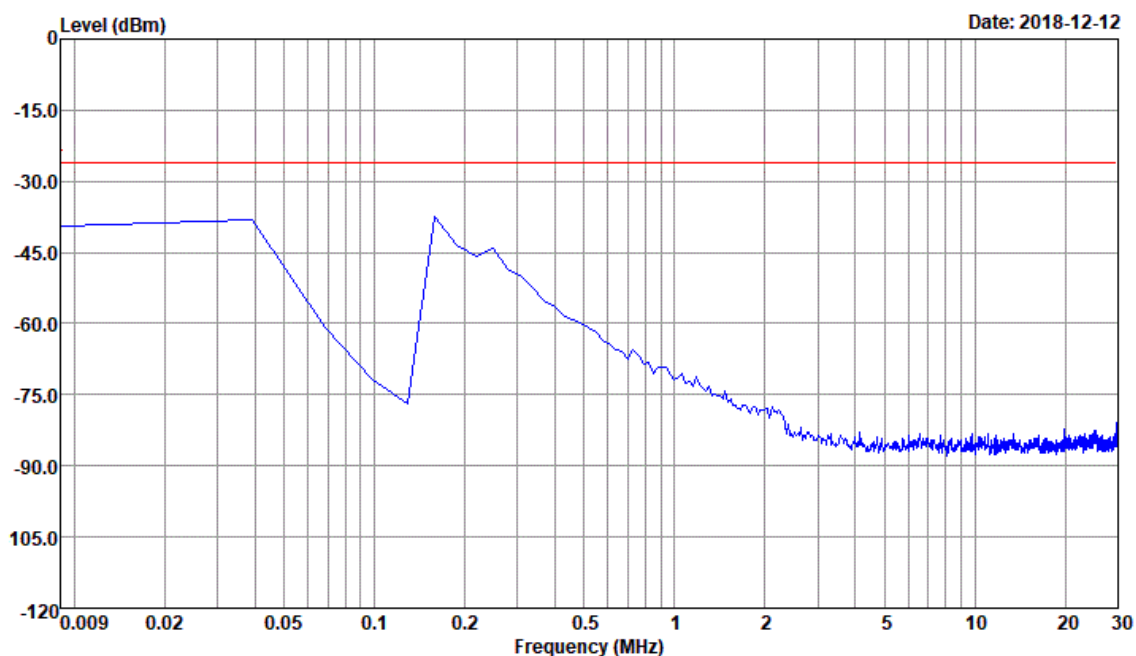
#### 7.1 For LTE

##### 7.1.1 Test Band = Band38\_ANT1

##### 7.1.1.1 Test Bandwidth = 5

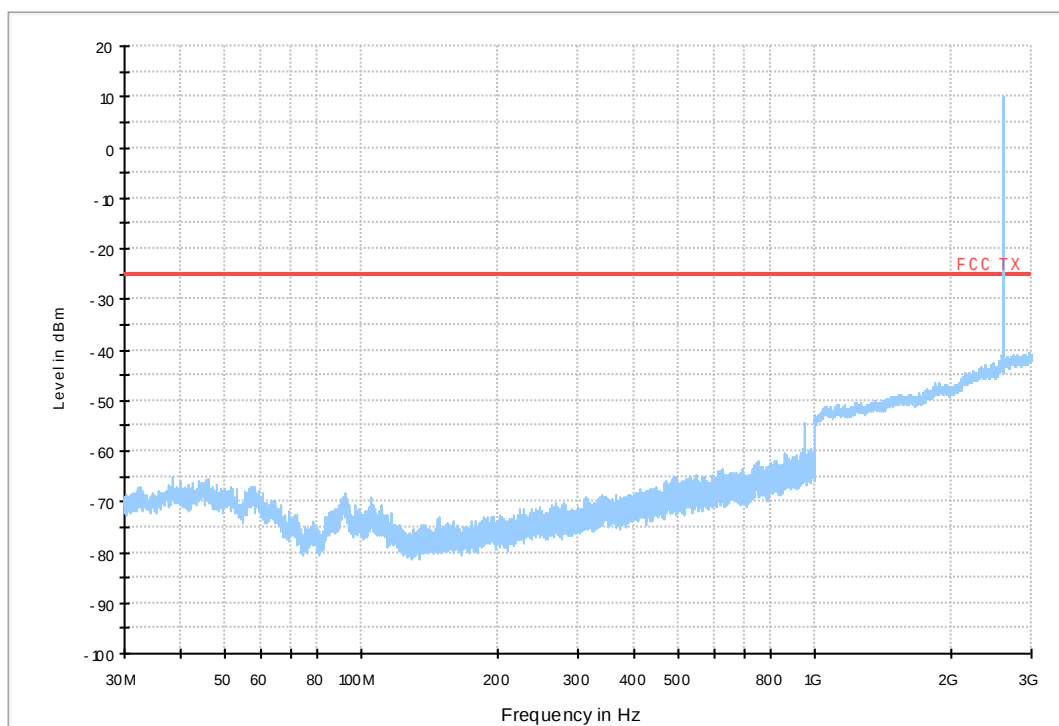


Data: 78

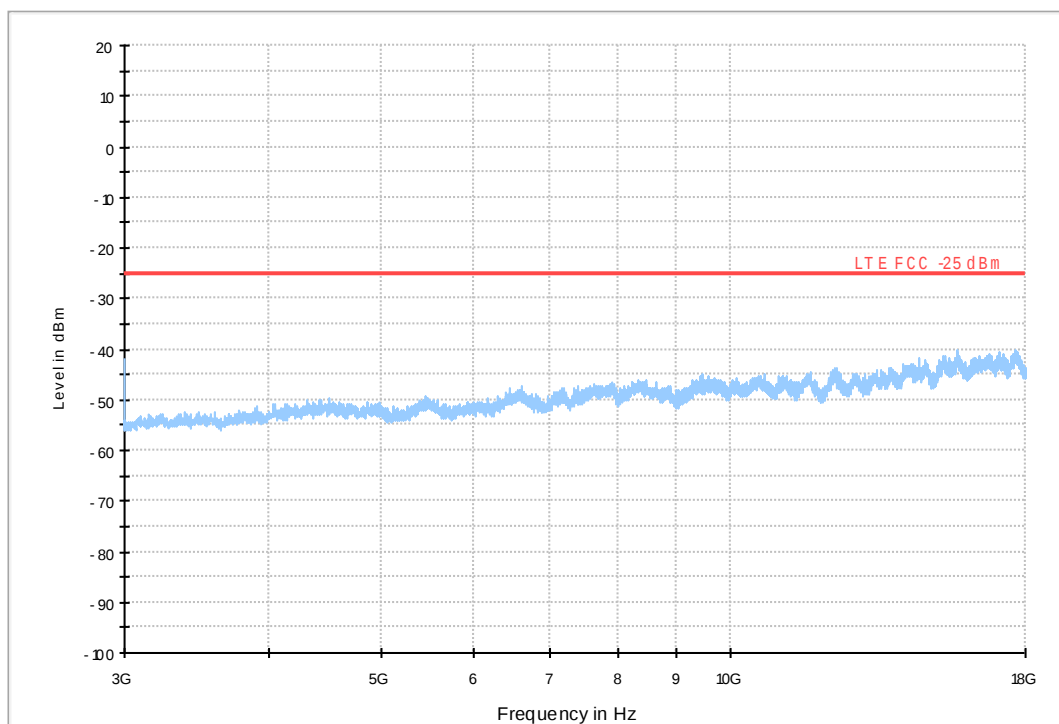


Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz

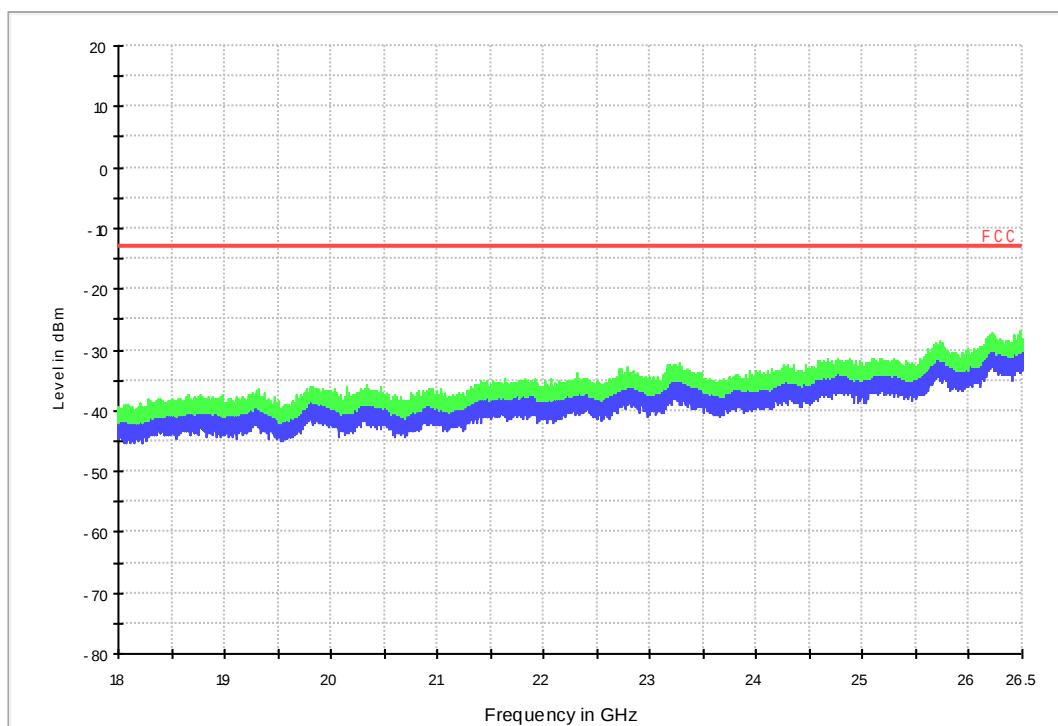
LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



18G~26.5G R SE-T X-DIRECTOR ABOVE 1.5G PK

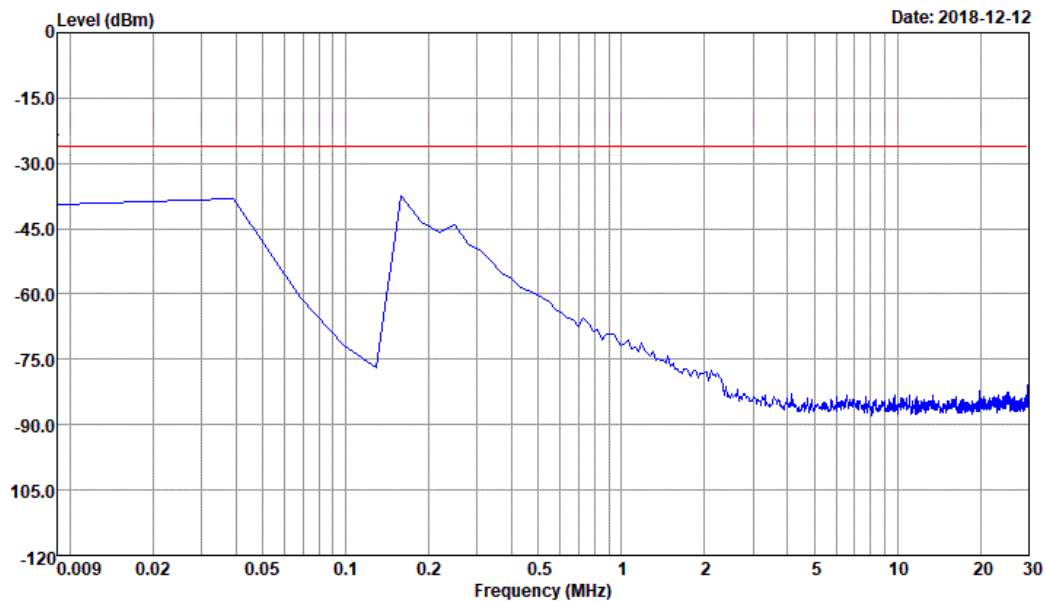


### 7.1.1.2 Test Bandwidth = 20



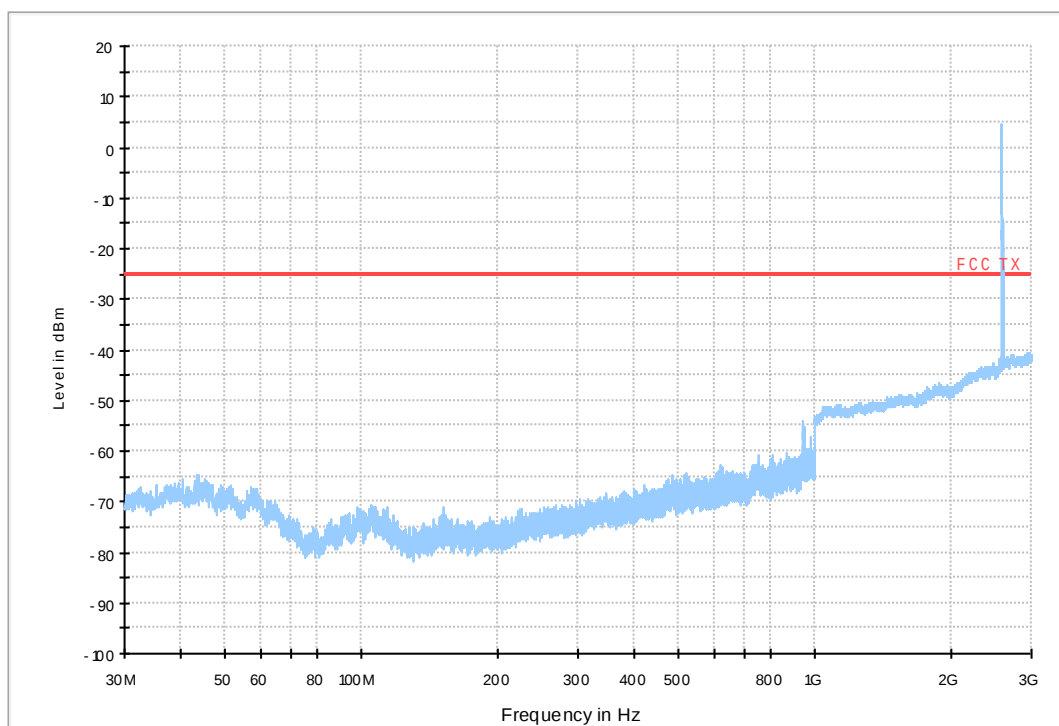
Data: 78

Date: 2018-12-12

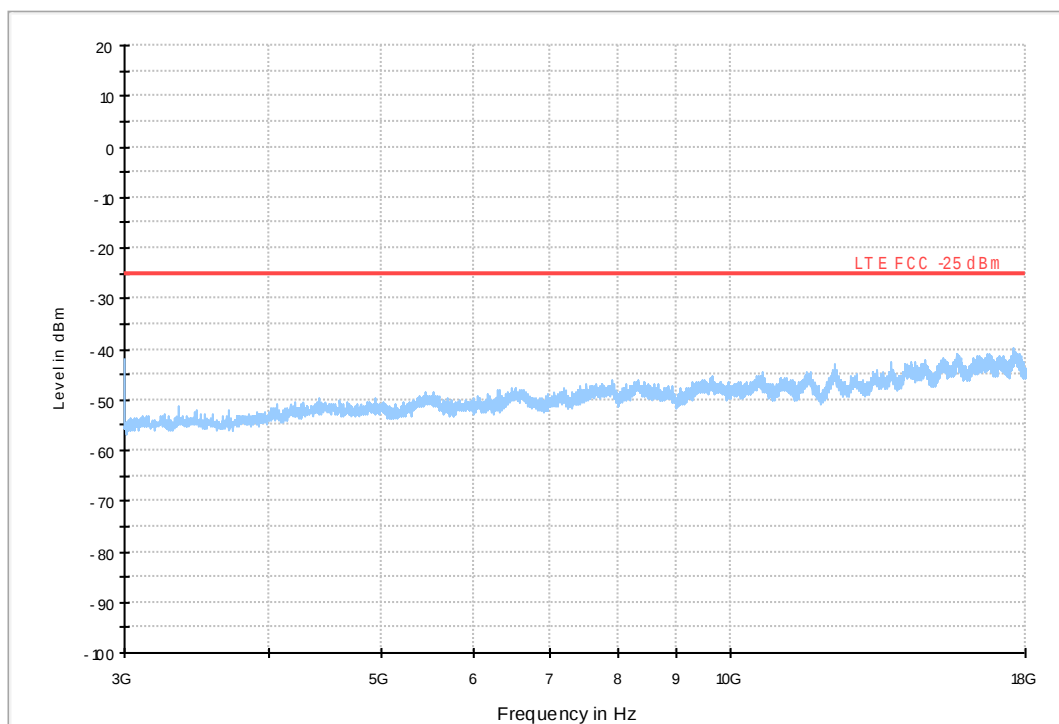


Site : 03CH01-SZ  
 Condition : -13DBM  
 : RBW:9.000KHz VBW:30.000KHz

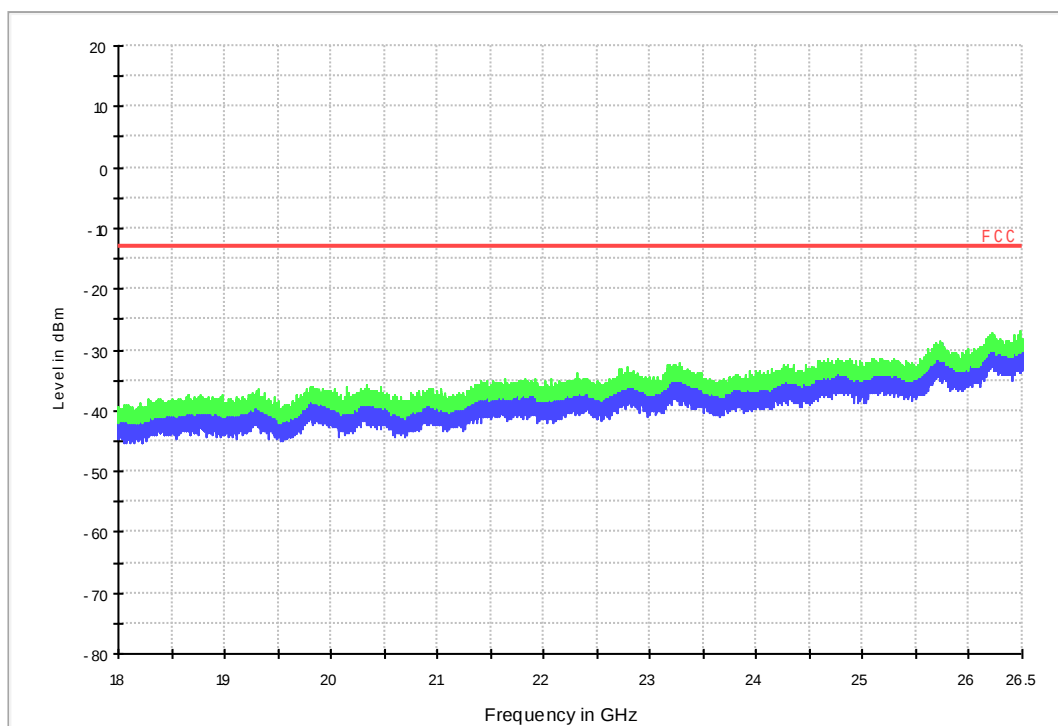
LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



18G~26.5G R SE-T X-DIRECTOR ABOVE 1.5G PK

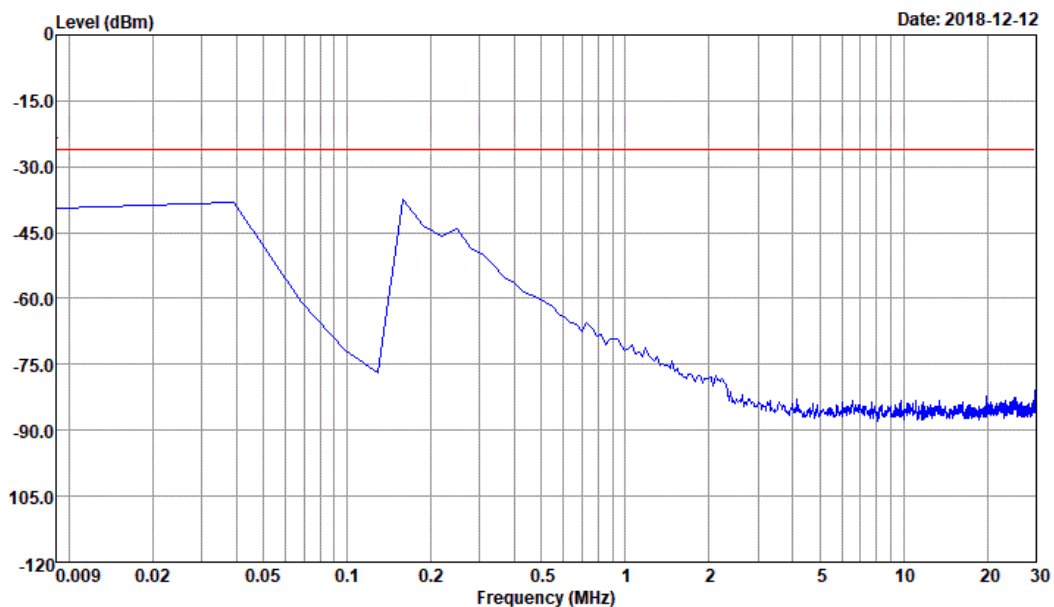


## 7.1.2 Test Band = Band38\_ANT2

### 7.1.2.1 Test Bandwidth = 5

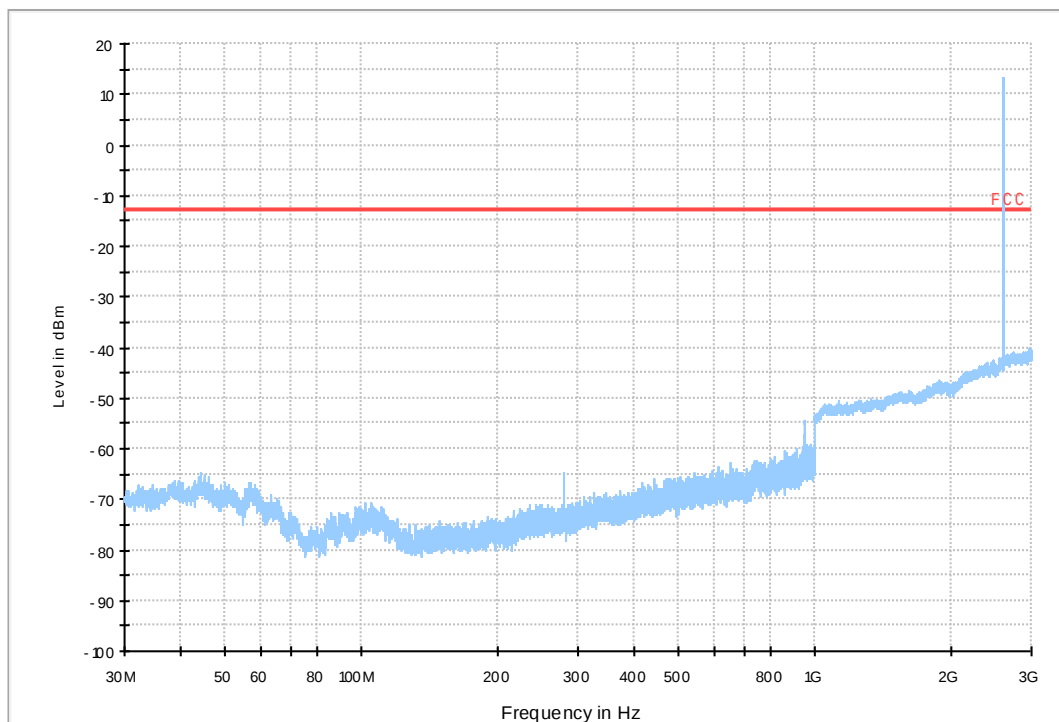


Data: 78

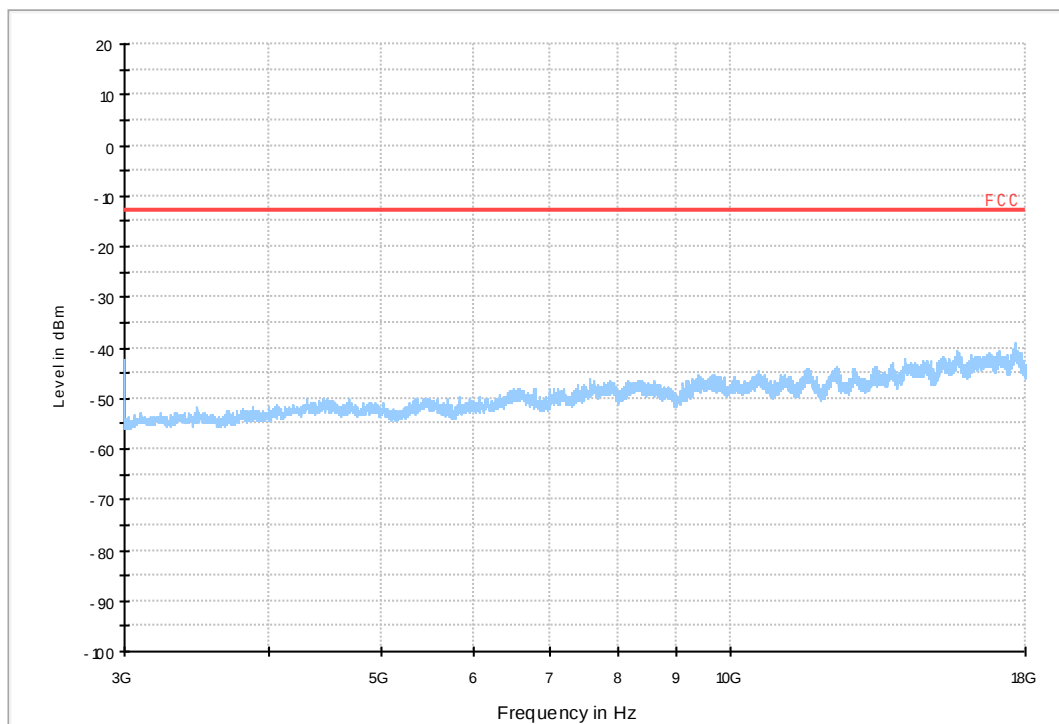


Site : 03CH01-SZ  
Condition : -13DBM  
RBW:9.000KHz VBW:30.000KHz

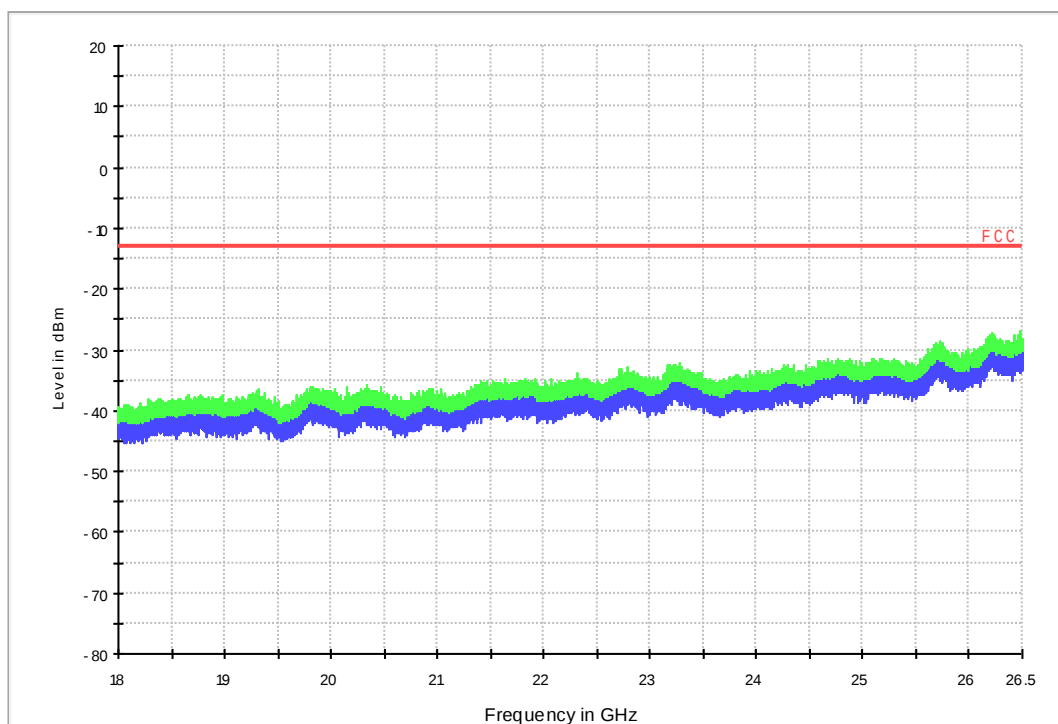
LTETDD Band 33~ Band 48 RSE-TX-DIRECTOR ABOVE 1.5G\_L



LTETDD Band 33~ band48 RSE-TX-DIRECTOR ABOVE 1.5G\_H



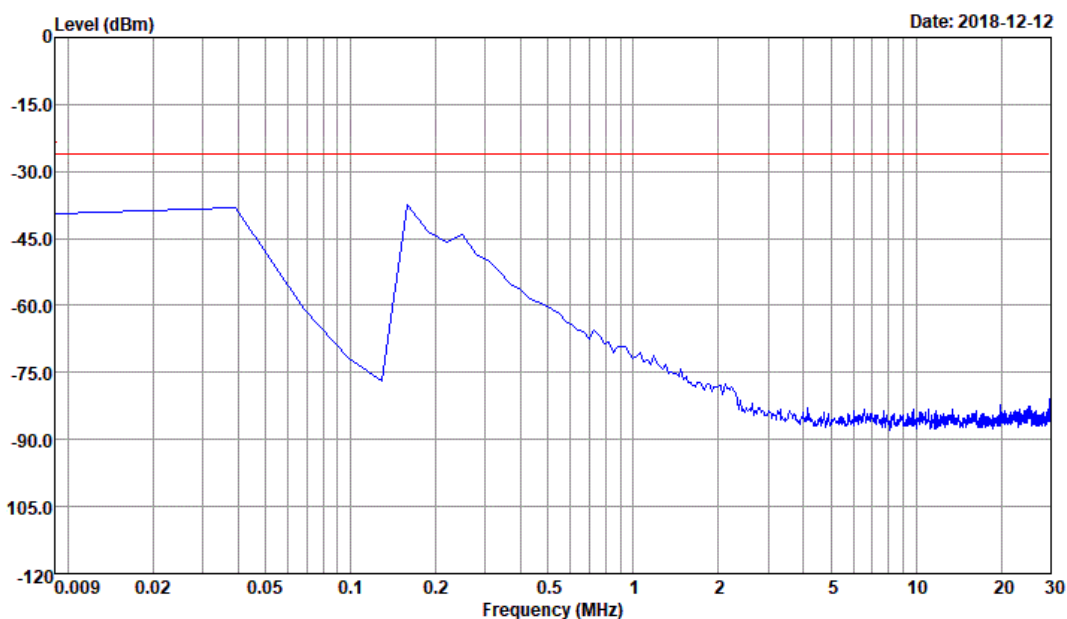
18G~26.5G R SE-T X-DIRECTOR ABOVE 1.5G PK



### 7.1.2.2 Test Bandwidth = 20

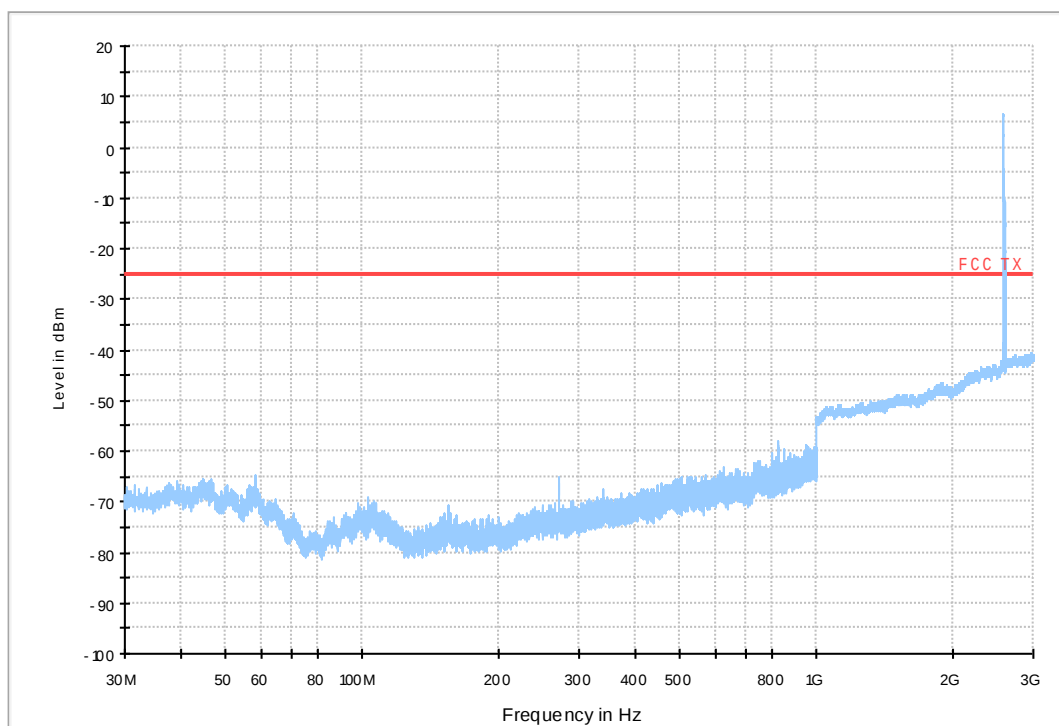


Data: 78

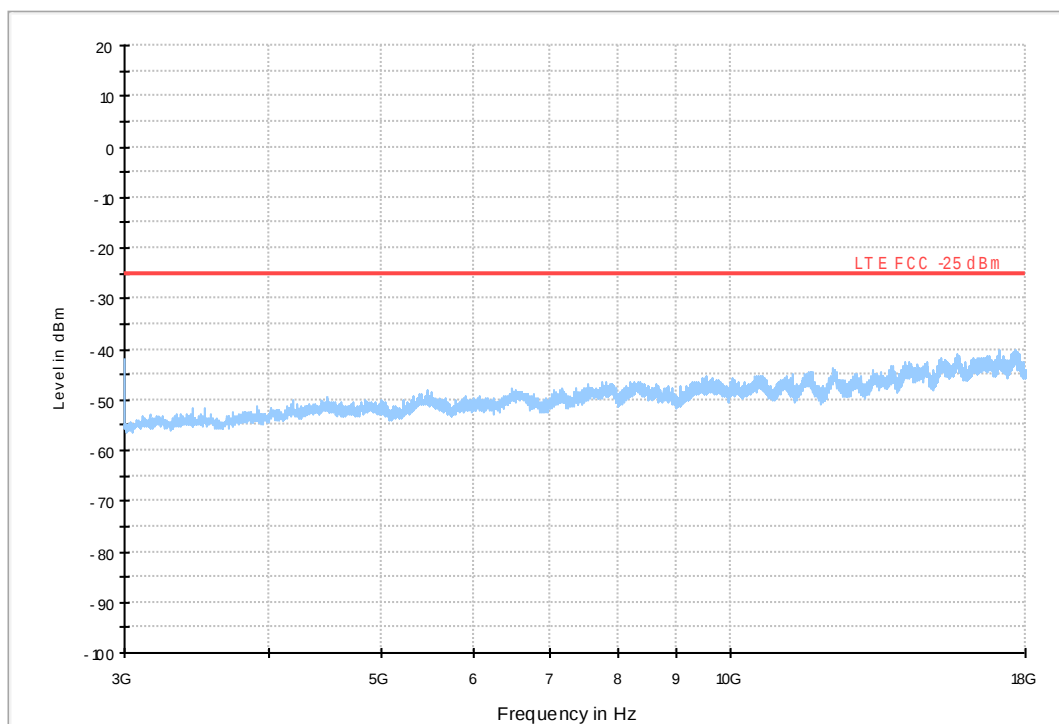


Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz

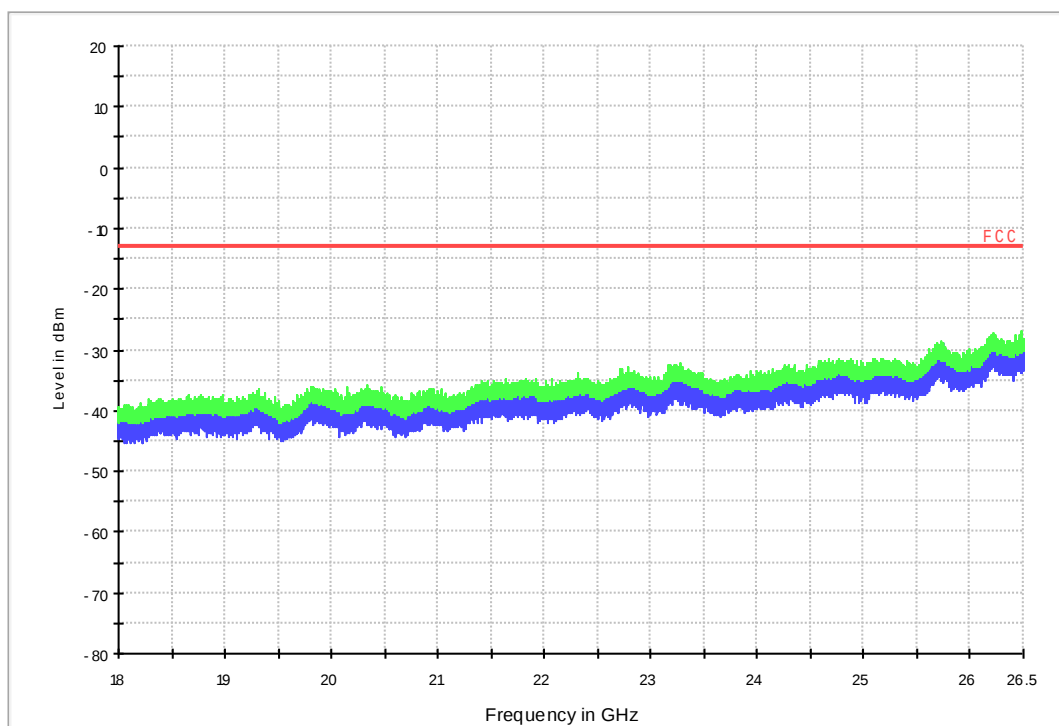
LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTETDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



18G~26.5G R SE-T X-DIRECT OR ABOVE 1.5G PK



## 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         | -19.89841        | -0.00774              | PASS    |
|           |           |                      |              |            | VN         | -17.85278        | -0.00694              | PASS    |
|           |           |                      |              |            | VH         | -10.55717        | -0.00410              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -17.76695        | -0.00685              | PASS    |
|           |           |                      |              |            | VN         | -28.83911        | -0.01111              | PASS    |
|           |           |                      |              |            | VH         | -20.12730        | -0.00776              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -16.73698        | -0.00639              | PASS    |
|           |           |                      |              |            | VN         | -21.15726        | -0.00808              | PASS    |
|           |           |                      |              |            | VH         | -23.10276        | -0.00883              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -16.95156        | -0.00658              | PASS    |
|           |           |                      |              |            | VN         | -18.82553        | -0.00731              | PASS    |
|           |           |                      |              |            | VH         | -12.80308        | -0.00497              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -17.46655        | -0.00673              | PASS    |
|           |           |                      |              |            | VN         | -24.06120        | -0.00927              | PASS    |
|           |           |                      |              |            | VH         | -17.78126        | -0.00685              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -16.36505        | -0.00626              | PASS    |
|           |           |                      |              |            | VN         | -20.12730        | -0.00770              | PASS    |
|           |           |                      |              |            | VH         | -19.52648        | -0.00747              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -16.66546        | -0.00647              | PASS    |
|           |           |                      |              |            | VN         | -16.66546        | -0.00647              | PASS    |
|           |           |                      |              |            | VH         | -14.09054        | -0.00547              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -18.11028        | -0.00698              | PASS    |
|           |           |                      |              |            | VN         | -14.90593        | -0.00574              | PASS    |
|           |           |                      |              |            | VH         | -18.28194        | -0.00705              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -17.56668        | -0.00672              | PASS    |
|           |           |                      |              |            | VN         | -16.89434        | -0.00647              | PASS    |
|           |           |                      |              |            | VH         | -12.93182        | -0.00495              | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -18.08167        | -0.00701              | PASS    |
|           |           |                      |              |            | VN         | -17.16614        | -0.00665              | PASS    |
|           |           |                      |              |            | VH         | -14.70566        | -0.00570              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -20.08438        | -0.00774              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           | LTE/TM2   |                      | HCH          | TN         | VN         | -18.48221        | -0.00712              | PASS    |
|           |           |                      |              |            | VH         | -17.69543        | -0.00682              | PASS    |
|           |           |                      |              |            | VL         | -18.15319        | -0.00696              | PASS    |
|           |           |                      |              |            | VN         | -17.19475        | -0.00659              | PASS    |
|           |           |                      |              |            | VH         | -14.51969        | -0.00556              | PASS    |
|           |           |                      |              |            | VH         | -14.51969        | -0.00556              | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -17.52377        | -0.00681              | PASS    |
|           |           |                      |              |            | VN         | -20.79964        | -0.00809              | PASS    |
|           |           |                      |              |            | VH         | -21.88683        | -0.00851              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -17.99583        | -0.00693              | PASS    |
|           |           |                      |              |            | VN         | -13.41820        | -0.00517              | PASS    |
|           |           |                      |              |            | VH         | -20.32757        | -0.00783              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -19.35482        | -0.00739              | PASS    |
|           |           |                      |              |            | VN         | -23.03123        | -0.00880              | PASS    |
|           |           |                      |              |            | VH         | -20.85686        | -0.00797              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -14.74857        | -0.00573              | PASS    |
|           |           |                      |              |            | VN         | -17.78126        | -0.00691              | PASS    |
|           |           |                      |              |            | VH         | -13.03196        | -0.00506              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -11.58714        | -0.00447              | PASS    |
|           |           |                      |              |            | VN         | -17.38071        | -0.00670              | PASS    |
|           |           |                      |              |            | VH         | -15.60688        | -0.00601              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -14.41956        | -0.00551              | PASS    |
|           |           |                      |              |            | VN         | -17.95292        | -0.00687              | PASS    |
|           |           |                      |              |            | VH         | -20.07008        | -0.00767              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | -15.37800        | -0.00597              | PASS    |
|           |           |                      |              |            | VN         | -18.03875        | -0.00700              | PASS    |
|           |           |                      |              |            | VH         | -16.43658        | -0.00638              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -14.01901        | -0.00540              | PASS    |
|           |           |                      |              |            | VN         | -19.15455        | -0.00738              | PASS    |
|           |           |                      |              |            | VH         | -18.01014        | -0.00694              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -12.47406        | -0.00477              | PASS    |
|           |           |                      |              |            | VN         | -13.64708        | -0.00522              | PASS    |
|           |           |                      |              |            | VH         | -18.01014        | -0.00689              | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | -15.89298        | -0.00616              | PASS    |
|           |           |                      |              |            | VN         | -18.75401        | -0.00727              | PASS    |
|           |           |                      |              |            | VH         | -16.10756        | -0.00624              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -16.33644        | -0.00630              | PASS    |
|           |           |                      |              |            | VN         | -19.34052        | -0.00745              | PASS    |
|           |           |                      |              |            | VH         | -18.39638        | -0.00709              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|           |           |                      | HCH          | TN         | VL         | -13.03196        | -0.00499              | PASS    |
|           |           |                      |              |            | VN         | -16.45088        | -0.00630              | PASS    |
|           |           |                      |              |            | VH         | -17.66682        | -0.00677              | 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       | -19.38343        | -0.00753              | PASS    |
|           |           |                      |              |            | -20       | -17.22336        | -0.00670              | PASS    |
|           |           |                      |              |            | -10       | -20.39909        | -0.00793              | PASS    |
|           |           |                      |              |            | 0         | -14.57691        | -0.00567              | PASS    |
|           |           |                      |              |            | 10        | -16.43658        | -0.00639              | PASS    |
|           |           |                      |              |            | 20        | -17.85278        | -0.00694              | PASS    |
|           |           |                      |              |            | 30        | -18.99719        | -0.00738              | PASS    |
|           |           |                      |              |            | 40        | -60.28175        | -0.02343              | PASS    |
|           |           |                      |              |            | 50        | -19.39774        | -0.00754              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -25.37727        | -0.00978              | PASS    |
|           |           |                      |              |            | -20       | -23.20290        | -0.00894              | PASS    |
|           |           |                      |              |            | -10       | -27.59457        | -0.01063              | PASS    |
|           |           |                      |              |            | 0         | -22.60208        | -0.00871              | PASS    |
|           |           |                      |              |            | 10        | -23.68927        | -0.00913              | PASS    |
|           |           |                      |              |            | 20        | -28.83911        | -0.01111              | PASS    |
|           |           |                      |              |            | 30        | -20.44201        | -0.00788              | PASS    |
|           |           |                      |              |            | 40        | -21.67225        | -0.00835              | PASS    |
|           |           |                      |              |            | 50        | -24.79076        | -0.00955              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -21.08574        | -0.00806              | PASS    |
|           |           |                      |              |            | -20       | -25.79212        | -0.00985              | PASS    |
|           |           |                      |              |            | -10       | -36.32069        | -0.01388              | PASS    |
|           |           |                      |              |            | 0         | -27.93789        | -0.01067              | PASS    |
|           |           |                      |              |            | 10        | -26.04961        | -0.00995              | PASS    |
|           |           |                      |              |            | 20        | -21.15726        | -0.00808              | PASS    |
|           |           |                      |              |            | 30        | -17.91000        | -0.00684              | PASS    |
|           |           |                      |              |            | 40        | -30.84183        | -0.01178              | PASS    |
|           |           |                      |              |            | 50        | -17.38071        | -0.00670              | PASS    |
|           |           | 10                   | LCH          | VN         | -30       | -13.00335        | -0.00505              | PASS    |
|           |           |                      |              |            | -20       | -12.90321        | -0.00501              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | -26.27850        | -0.01021              | PASS    |
|           |           |                      |              |            | 0         | -13.64708        | -0.00530              | PASS    |
|           |           |                      |              |            | 10        | -20.31326        | -0.00789              | PASS    |
|           |           |                      |              |            | 20        | -18.82553        | -0.00731              | PASS    |
|           |           |                      |              |            | 30        | -18.63956        | -0.00724              | PASS    |
|           |           |                      |              |            | 40        | -21.35754        | -0.00829              | PASS    |
|           |           |                      |              |            | 50        | -18.89706        | -0.00734              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -15.56396        | -0.00600              | PASS    |
|           |           |                      |              |            | -20       | -18.18180        | -0.00701              | PASS    |
|           |           |                      |              |            | -10       | -38.15174        | -0.01470              | PASS    |
|           |           |                      |              |            | 0         | -16.09325        | -0.00620              | PASS    |
|           |           |                      |              |            | 10        | -17.08031        | -0.00658              | PASS    |
|           |           |                      |              |            | 20        | -24.06120        | -0.00927              | PASS    |
|           |           |                      |              |            | 30        | -17.38071        | -0.00670              | PASS    |
|           |           |                      |              |            | 40        | -16.27922        | -0.00627              | PASS    |
|           |           |                      |              |            | 50        | -22.51625        | -0.00868              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -7.52449         | -0.00288              | PASS    |
|           |           |                      |              |            | -20       | -24.51897        | -0.00938              | PASS    |
|           |           |                      |              |            | -10       | -20.98560        | -0.00803              | PASS    |
|           |           |                      |              |            | 0         | -20.47062        | -0.00783              | PASS    |
|           |           |                      |              |            | 10        | -22.40181        | -0.00857              | PASS    |
|           |           |                      |              |            | 20        | -20.12730        | -0.00770              | PASS    |
|           |           |                      |              |            | 30        | -18.55373        | -0.00710              | PASS    |
|           |           |                      |              |            | 40        | -14.27650        | -0.00546              | PASS    |
|           |           |                      |              |            | 50        | -19.19746        | -0.00734              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -17.96722        | -0.00697              | PASS    |
|           |           |                      |              |            | -20       | -16.63685        | -0.00645              | PASS    |
|           |           |                      |              |            | -10       | -16.06464        | -0.00623              | PASS    |
|           |           |                      |              |            | 0         | -15.83576        | -0.00614              | PASS    |
|           |           |                      |              |            | 10        | -13.61847        | -0.00528              | PASS    |
|           |           |                      |              |            | 20        | -16.66546        | -0.00647              | PASS    |
|           |           |                      |              |            | 30        | -14.56261        | -0.00565              | PASS    |
|           |           |                      |              |            | 40        | -15.99312        | -0.00620              | PASS    |
|           |           |                      |              |            | 50        | -19.12594        | -0.00742              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -18.52512        | -0.00714              | PASS    |
|           |           |                      |              |            | -20       | -16.35075        | -0.00630              | PASS    |
|           |           |                      |              |            | -10       | -16.95156        | -0.00653              | PASS    |
|           |           |                      |              |            | 0         | -17.85278        | -0.00688              | PASS    |
|           |           |                      |              |            | 10        | -14.64844        | -0.00564              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -14.90593        | -0.00574              | PASS    |
|           |           |                      |              |            | 30        | -17.62390        | -0.00679              | PASS    |
|           |           |                      |              |            | 40        | -20.07008        | -0.00773              | PASS    |
|           |           |                      |              |            | 50        | -20.09869        | -0.00775              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -17.53807        | -0.00671              | PASS    |
|           |           |                      |              |            | -20       | -22.78805        | -0.00872              | PASS    |
|           |           |                      |              |            | -10       | -16.02173        | -0.00613              | PASS    |
|           |           |                      |              |            | 0         | -19.35482        | -0.00741              | PASS    |
|           |           |                      |              |            | 10        | -19.38343        | -0.00742              | PASS    |
|           |           |                      |              |            | 20        | -16.89434        | -0.00647              | PASS    |
|           |           |                      |              |            | 30        | -17.91000        | -0.00686              | PASS    |
|           |           |                      |              |            | 40        | -13.60416        | -0.00521              | PASS    |
|           |           |                      |              |            | 50        | -19.31190        | -0.00739              | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -18.03875        | -0.00699              | PASS    |
|           |           |                      |              |            | -20       | -15.02037        | -0.00582              | PASS    |
|           |           |                      |              |            | -10       | -27.78053        | -0.01077              | PASS    |
|           |           |                      |              |            | 0         | -28.49579        | -0.01104              | PASS    |
|           |           |                      |              |            | 10        | -16.17908        | -0.00627              | PASS    |
|           |           |                      |              |            | 20        | -17.16614        | -0.00665              | PASS    |
|           |           |                      |              |            | 30        | -28.45287        | -0.01103              | PASS    |
|           |           |                      |              |            | 40        | -18.26763        | -0.00708              | PASS    |
|           |           |                      |              |            | 50        | -10.09941        | -0.00391              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -20.05577        | -0.00773              | PASS    |
|           |           |                      |              |            | -20       | -20.38479        | -0.00786              | PASS    |
|           |           |                      |              |            | -10       | -21.35754        | -0.00823              | PASS    |
|           |           |                      |              |            | 0         | -23.96107        | -0.00923              | PASS    |
|           |           |                      |              |            | 10        | -20.07008        | -0.00773              | PASS    |
|           |           |                      |              |            | 20        | -18.48221        | -0.00712              | PASS    |
|           |           |                      |              |            | 30        | -21.94405        | -0.00846              | PASS    |
|           |           |                      |              |            | 40        | -18.19611        | -0.00701              | PASS    |
|           |           |                      |              |            | 50        | -19.36913        | -0.00746              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -50.78316        | -0.01946              | PASS    |
|           |           |                      |              |            | -20       | -14.51969        | -0.00556              | PASS    |
|           |           |                      |              |            | -10       | -22.38750        | -0.00858              | PASS    |
|           |           |                      |              |            | 0         | -24.57619        | -0.00942              | PASS    |
|           |           |                      |              |            | 10        | -17.95292        | -0.00688              | PASS    |
|           |           |                      |              |            | 20        | -17.19475        | -0.00659              | PASS    |
|           |           |                      |              |            | 30        | -30.12657        | -0.01154              | PASS    |
|           |           |                      |              |            | 40        | -20.41340        | -0.00782              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict  |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|
|           |           |                      |              |            | 50        | -37.70828        | -0.01445              | PASS     |
|           | LTE/TM2   | 5                    | LCH          | VN         | -30       | -26.73626        | -0.01039              | PASS     |
|           |           |                      |              |            | -20       | -47.22118        | -0.01836              | PASS     |
|           |           |                      |              |            | -10       | -21.84391        | -0.00849              | PASS     |
|           |           |                      |              |            | 0         | -28.81050        | -0.01120              | PASS     |
|           |           |                      |              |            | 10        | -21.35754        | -0.00830              | PASS     |
|           |           |                      |              |            | 20        | -20.79964        | -0.00809              | PASS     |
|           |           |                      |              |            | 30        | -20.79964        | -0.00809              | PASS     |
|           |           |                      |              |            | 40        | -17.85278        | -0.00694              | PASS     |
|           |           |                      |              |            | 50        | -20.51353        | -0.00797              | PASS     |
|           |           |                      | MCH          | VN         | -30       | -17.95292        | -0.00692              | PASS     |
|           |           |                      |              |            | -20       | -20.92838        | -0.00806              | PASS     |
|           |           |                      |              |            | -10       | -23.76080        | -0.00916              | PASS     |
|           |           |                      |              |            | 0         | -51.42689        | -0.01982              | PASS     |
|           |           |                      |              |            | 10        | -58.89416        | -0.02270              | PASS     |
|           |           |                      |              |            | 20        | -13.41820        | -0.00517              | PASS     |
|           |           |                      |              |            | 30        | -24.44744        | -0.00942              | PASS     |
|           |           |                      |              |            | 40        | -24.08981        | -0.00928              | PASS     |
|           |           |                      |              |            | 50        | -31.28529        | -0.01206              | PASS     |
|           |           |                      | HCH          | VN         | -30       | -23.87524        | -0.00912              | PASS     |
|           |           |                      |              |            | -20       | -28.19538        | -0.01077              | PASS     |
|           |           |                      |              |            | -10       | -23.88954        | -0.00913              | PASS     |
|           |           |                      |              |            | 0         | -20.88547        | -0.00798              | PASS     |
|           |           |                      |              |            | 10        | -27.93789        | -0.01067              | PASS     |
|           |           |                      |              |            | 20        | -23.03123        | -0.00880              | PASS     |
|           |           |                      |              |            | 30        | -26.20697        | -0.01001              | PASS     |
|           |           |                      |              |            | 40        | -21.75808        | -0.00831              | PASS     |
|           |           |                      |              |            | 50        | -17.83848        | -0.00693              | PASS     |
|           |           |                      | 10           | LCH        | VN        | -30              | -28.52440             | -0.01108 |
|           |           | -20                  |              |            |           | -20.24174        | -0.00786              | PASS     |
|           |           | -10                  |              |            |           | -26.07822        | -0.01013              | PASS     |
|           |           | 0                    |              |            |           | -19.84119        | -0.00771              | PASS     |
|           |           | 10                   |              |            |           | -14.29081        | -0.00555              | PASS     |
|           |           | 20                   |              |            |           | -17.78126        | -0.00691              | PASS     |
|           |           | 30                   |              |            |           | -17.83848        | -0.00693              | PASS     |
|           |           | 40                   |              |            |           | -18.98289        | -0.00737              | PASS     |
|           |           | 50                   |              |            |           | -17.42363        | -0.00677              | PASS     |
|           |           | MCH                  |              | VN         | -30       | -17.68112        | -0.00681              | PASS     |
|           | -20       |                      |              |            | -21.45767 | -0.00827         | PASS                  |          |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | -10       | -18.78262        | -0.00724              | PASS    |
|           |           |                      |              |            | 0         | -16.43658        | -0.00633              | PASS    |
|           |           |                      |              |            | 10        | -16.73698        | -0.00645              | PASS    |
|           |           |                      |              |            | 20        | -17.38071        | -0.00670              | PASS    |
|           |           |                      |              |            | 30        | -22.78805        | -0.00878              | PASS    |
|           |           |                      |              |            | 40        | -23.93246        | -0.00922              | PASS    |
|           |           |                      |              |            | 50        | -18.66817        | -0.00719              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -16.00742        | -0.00612              | PASS    |
|           |           |                      |              |            | -20       | -22.90249        | -0.00876              | PASS    |
|           |           |                      |              |            | -10       | -19.22607        | -0.00735              | PASS    |
|           |           |                      |              |            | 0         | -20.12730        | -0.00770              | PASS    |
|           |           |                      |              |            | 10        | -18.42499        | -0.00705              | PASS    |
|           |           |                      |              |            | 20        | -17.95292        | -0.00687              | PASS    |
|           |           |                      |              |            | 30        | -18.11028        | -0.00693              | PASS    |
|           |           |                      |              |            | 40        | -29.82616        | -0.01141              | PASS    |
|           |           |                      |              |            | 50        | -21.55781        | -0.00824              | PASS    |
|           |           | 15                   | LCH          | VN         | -30       | -14.84871        | -0.00576              | PASS    |
|           |           |                      |              |            | -20       | -16.29353        | -0.00632              | PASS    |
|           |           |                      |              |            | -10       | -17.80987        | -0.00691              | PASS    |
|           |           |                      |              |            | 0         | -14.00471        | -0.00543              | PASS    |
|           |           |                      |              |            | 10        | -17.66682        | -0.00685              | PASS    |
|           |           |                      |              |            | 20        | -18.03875        | -0.00700              | PASS    |
|           |           |                      |              |            | 30        | -18.41068        | -0.00714              | PASS    |
|           |           |                      |              |            | 40        | -20.25604        | -0.00786              | PASS    |
|           |           |                      |              |            | 50        | -19.21177        | -0.00745              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -17.20905        | -0.00663              | PASS    |
|           |           |                      |              |            | -20       | -15.49244        | -15.49244             | PASS    |
|           |           |                      |              |            | -10       | -21.97266        | -0.00847              | PASS    |
|           |           |                      |              |            | 0         | -14.16206        | -0.00546              | PASS    |
|           |           |                      |              |            | 10        | -20.09869        | -0.00775              | PASS    |
|           |           |                      |              |            | 20        | -19.15455        | -0.00738              | PASS    |
|           |           |                      |              |            | 30        | -28.09525        | -0.01083              | PASS    |
|           |           |                      |              |            | 40        | -20.08438        | -0.00774              | PASS    |
|           |           |                      |              |            | 50        | -18.92567        | -0.00729              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -15.56396        | -0.00596              | PASS    |
|           |           |                      |              |            | -20       | -23.86093        | -0.00913              | PASS    |
|           |           |                      |              |            | -10       | -20.28465        | -0.00776              | PASS    |
|           |           |                      |              |            | 0         | -19.66953        | -0.00753              | PASS    |
|           |           |                      |              |            | 10        | -19.95564        | -0.00764              | PASS    |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
|           |           |                      |              |            | 20        | -13.64708        | -0.00522              | PASS    |
|           |           |                      |              |            | 30        | -16.12186        | -0.00617              | PASS    |
|           |           |                      |              |            | 40        | -21.25740        | -0.00814              | PASS    |
|           |           |                      |              |            | 50        | -33.87451        | -0.01297              | PASS    |
|           |           | 20                   | LCH          | VN         | -30       | -16.88004        | -0.00654              | PASS    |
|           |           |                      |              |            | -20       | -16.49380        | -0.00639              | PASS    |
|           |           |                      |              |            | -10       | -25.89226        | -0.01004              | PASS    |
|           |           |                      |              |            | 0         | -26.27850        | -0.01019              | PASS    |
|           |           |                      |              |            | 10        | -21.95835        | -0.00851              | PASS    |
|           |           |                      |              |            | 20        | -18.75401        | -0.00727              | PASS    |
|           |           |                      |              |            | 30        | -24.63341        | -0.00955              | PASS    |
|           |           |                      |              |            | 40        | -18.09597        | -0.00701              | PASS    |
|           |           |                      |              |            | 50        | -10.60009        | -0.00411              | PASS    |
|           |           |                      | MCH          | VN         | -30       | -15.04898        | -0.00580              | PASS    |
|           |           |                      |              |            | -20       | -17.38071        | -0.00670              | PASS    |
|           |           |                      |              |            | -10       | -20.02716        | -0.00772              | PASS    |
|           |           |                      |              |            | 0         | -22.87388        | -0.00881              | PASS    |
|           |           |                      |              |            | 10        | -13.70430        | -0.00528              | PASS    |
|           |           |                      |              |            | 20        | -19.34052        | -0.00745              | PASS    |
|           |           |                      |              |            | 30        | -17.92431        | -0.00691              | PASS    |
|           |           |                      |              |            | 40        | -20.92838        | -0.00806              | PASS    |
|           |           |                      |              |            | 50        | -18.13889        | -0.00699              | PASS    |
|           |           |                      | HCH          | VN         | -30       | -15.97881        | -0.00612              | PASS    |
|           |           |                      |              |            | -20       | -16.10756        | -0.00617              | PASS    |
|           |           |                      |              |            | -10       | -18.22472        | -0.00698              | PASS    |
|           |           |                      |              |            | 0         | -22.13001        | -0.00848              | PASS    |
|           |           |                      |              |            | 10        | -21.48628        | -0.00823              | PASS    |
|           |           |                      |              |            | 20        | -16.45088        | -0.00630              | PASS    |
|           |           |                      |              |            | 30        | -25.34866        | -0.00971              | PASS    |
|           |           |                      |              |            | 40        | -16.90865        | -0.00648              | PASS    |
|           |           |                      |              |            | 50        | -29.94061        | -0.01147              | PASS    |

END