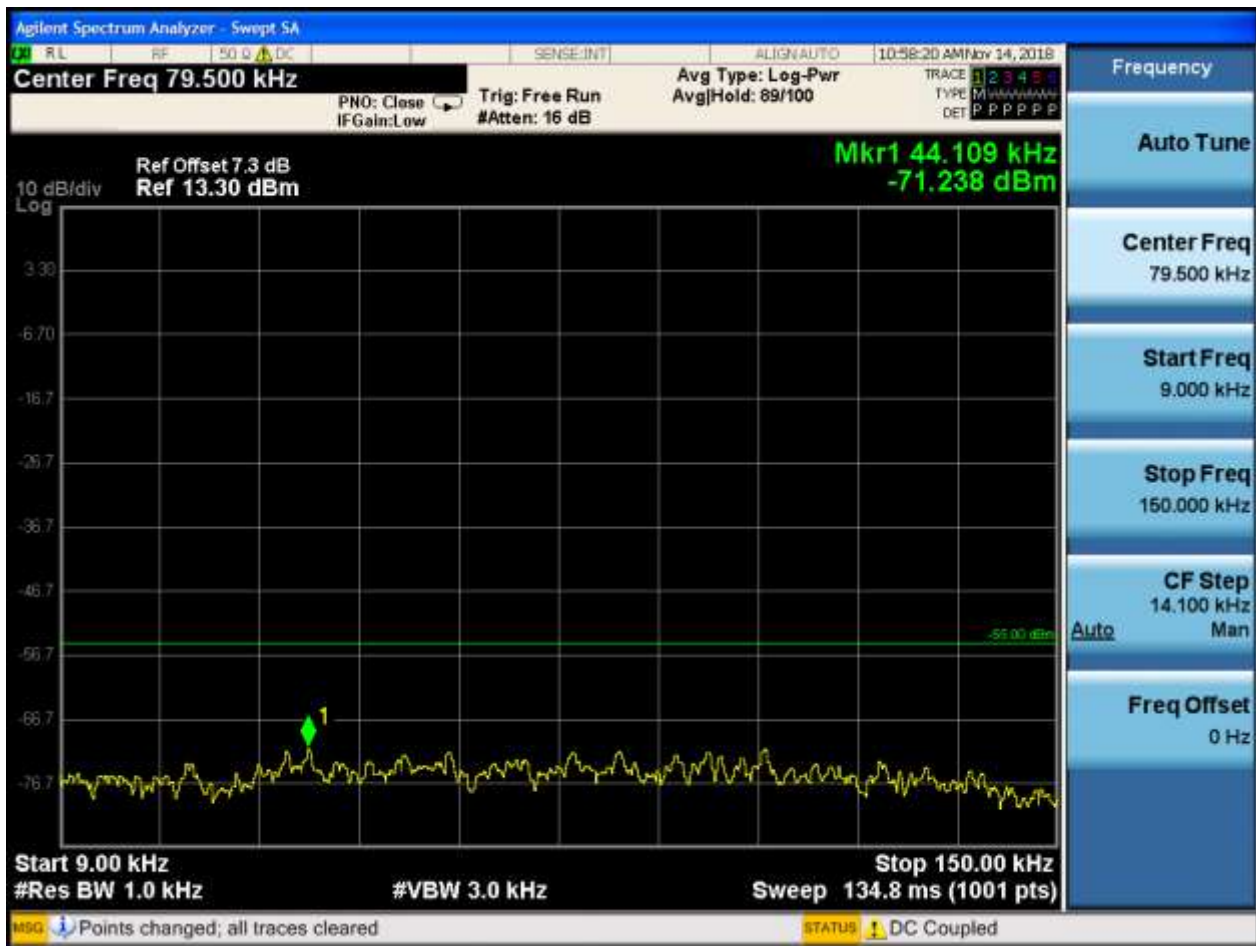


### 6.2.1.1.2 Test Bandwidth = 10

#### 6.2.1.1.2.1 Test Channel = LCH

##### 6.2.1.1.2.1.1 Test RB = RB1#0







### 6.2.1.1.2.2 Test Channel = MCH

#### 6.2.1.1.2.2.1 Test RB = RB1#0









#### 6.2.1.1.2.3 Test Channel = HCH

#### 6.2.1.1.2.3.1 Test RB = RB1#0





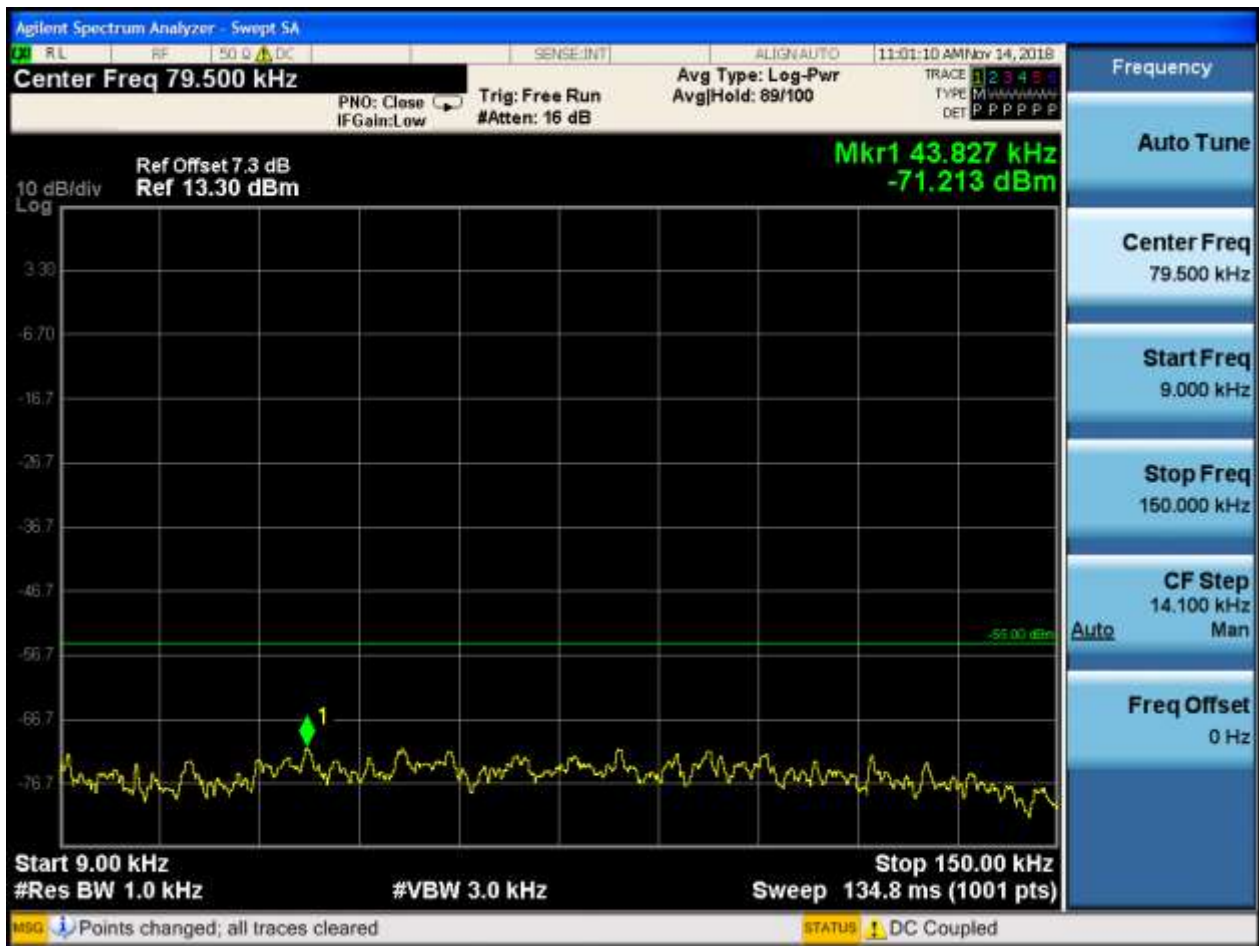




### 6.2.1.1.3 Test Bandwidth = 15

#### 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



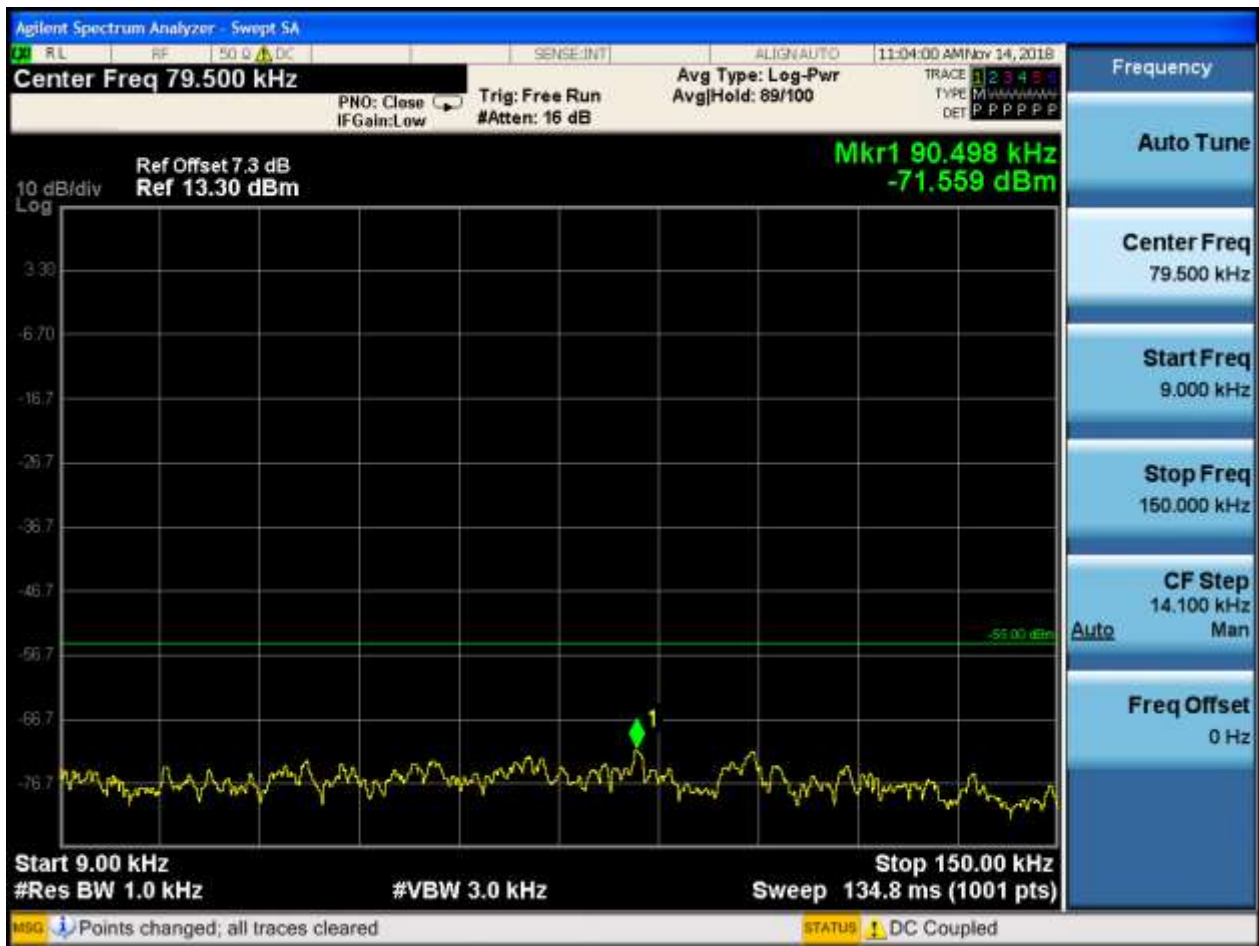




#### 6.2.1.1.4 Test Bandwidth = 20

##### 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



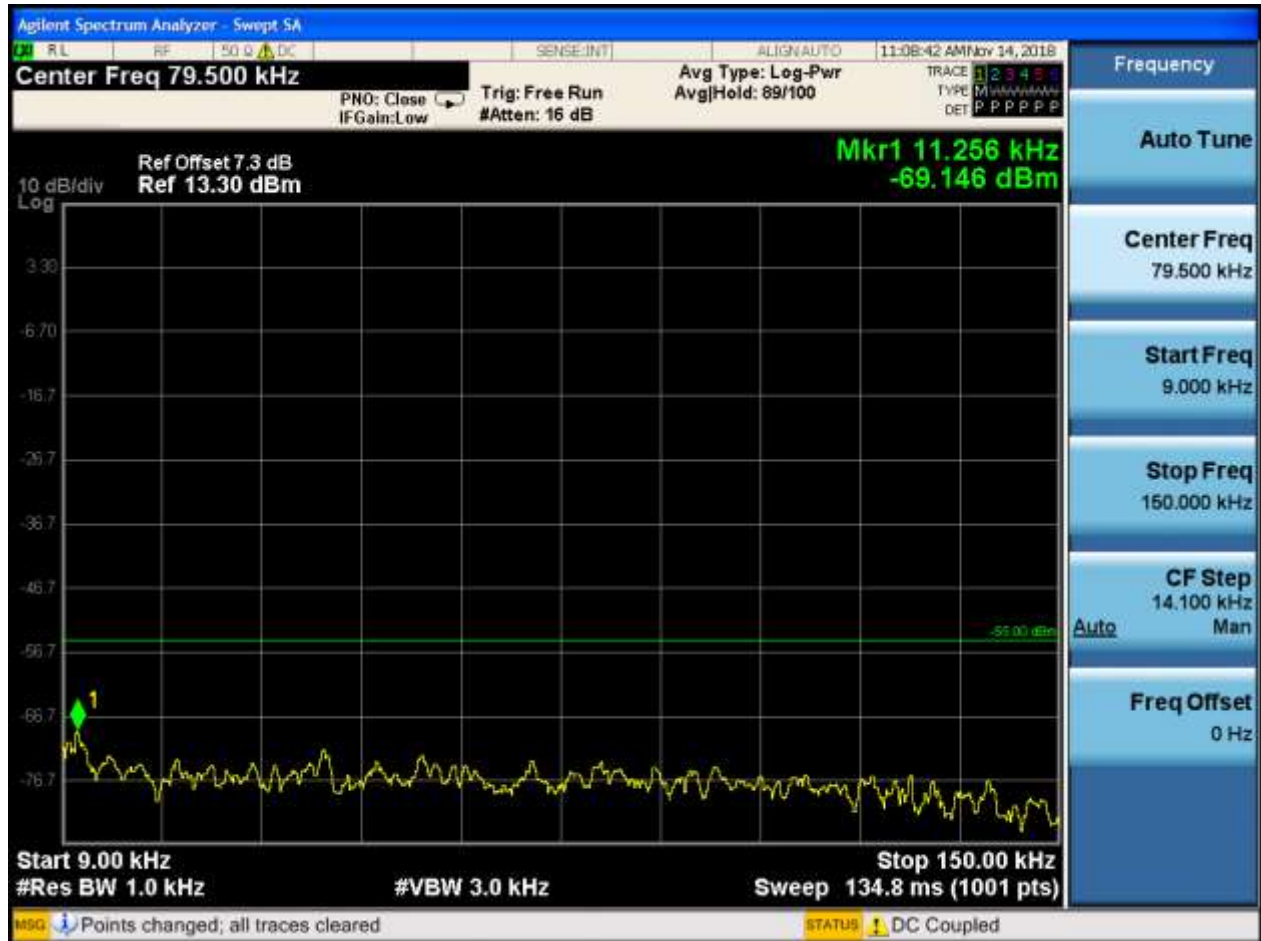






### 6.2.1.2.1.3 Test Channel = HCH

#### 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





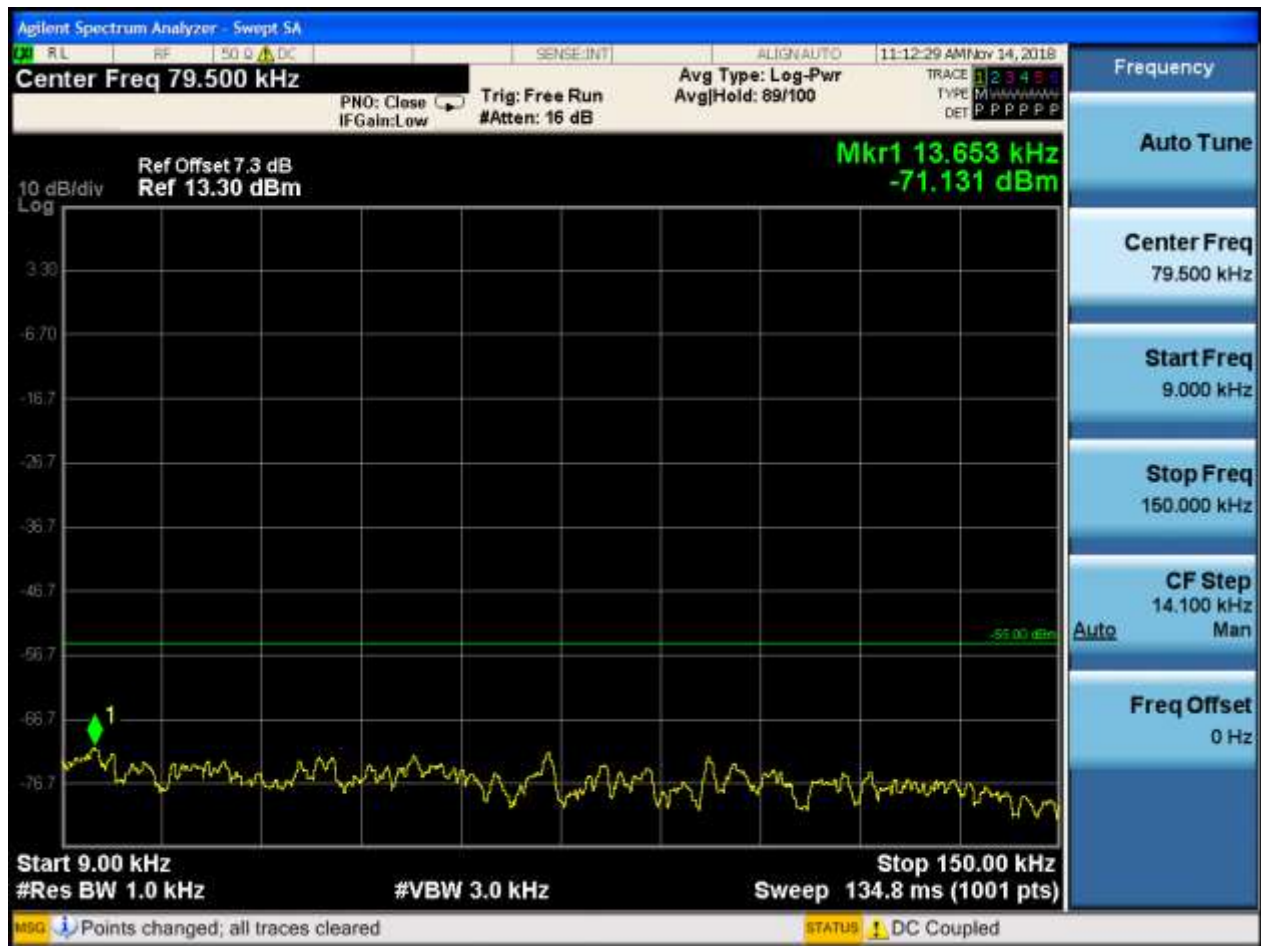




### 6.2.1.2.3 Test Bandwidth = 15

#### 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



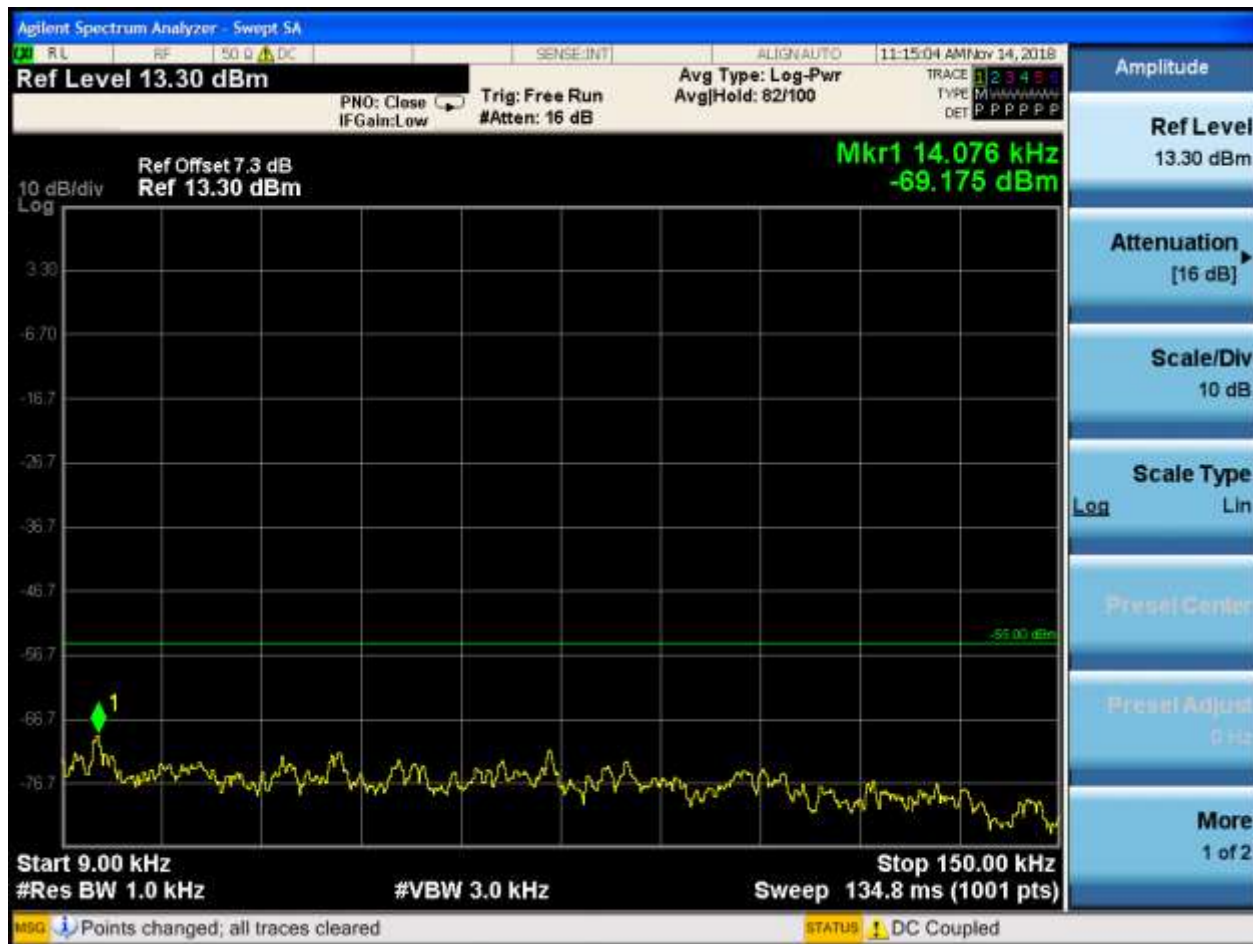






### 6.2.1.2.3.3 Test Channel = HCH

#### 6.2.1.2.3.3.1 Test RB = RB1#0



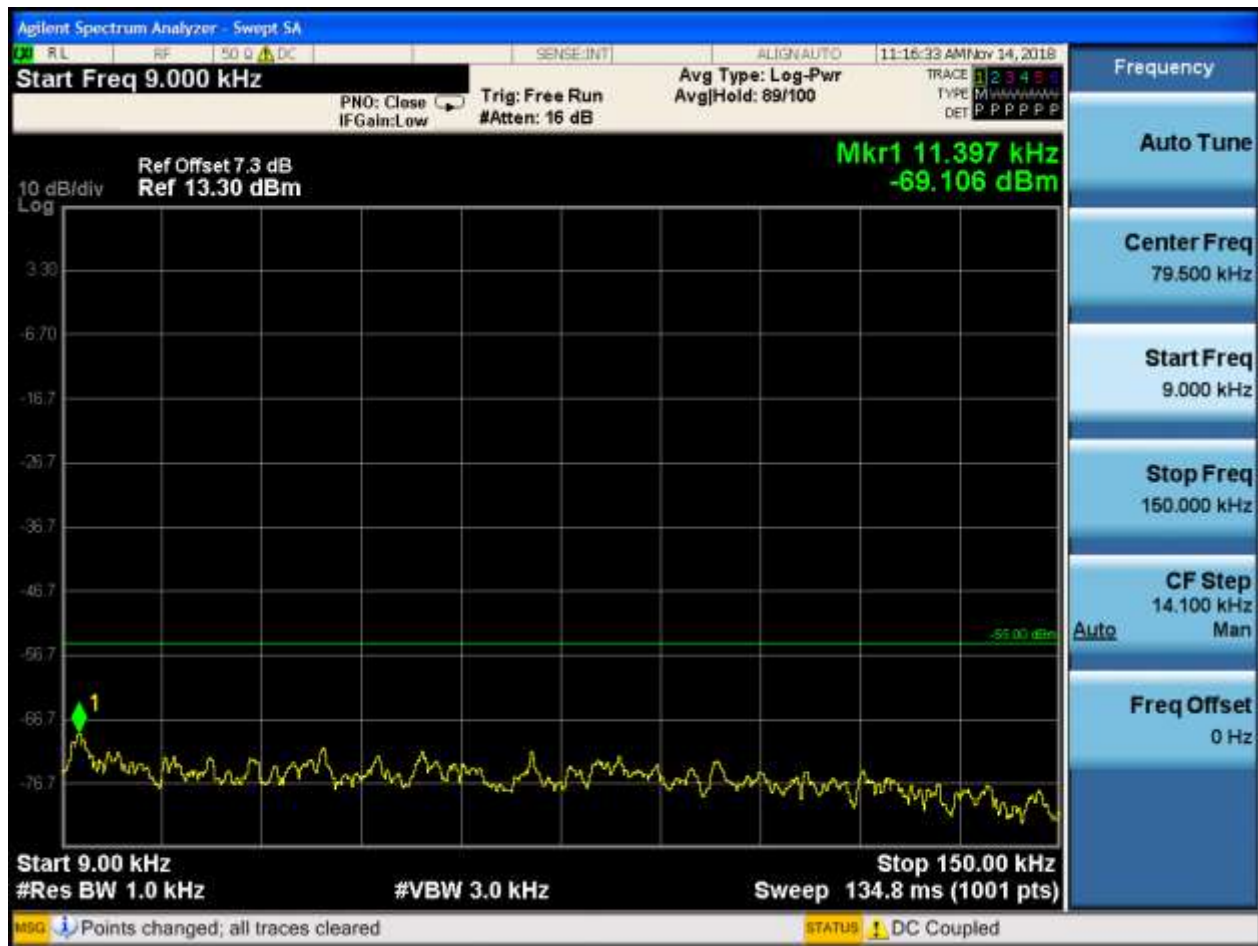


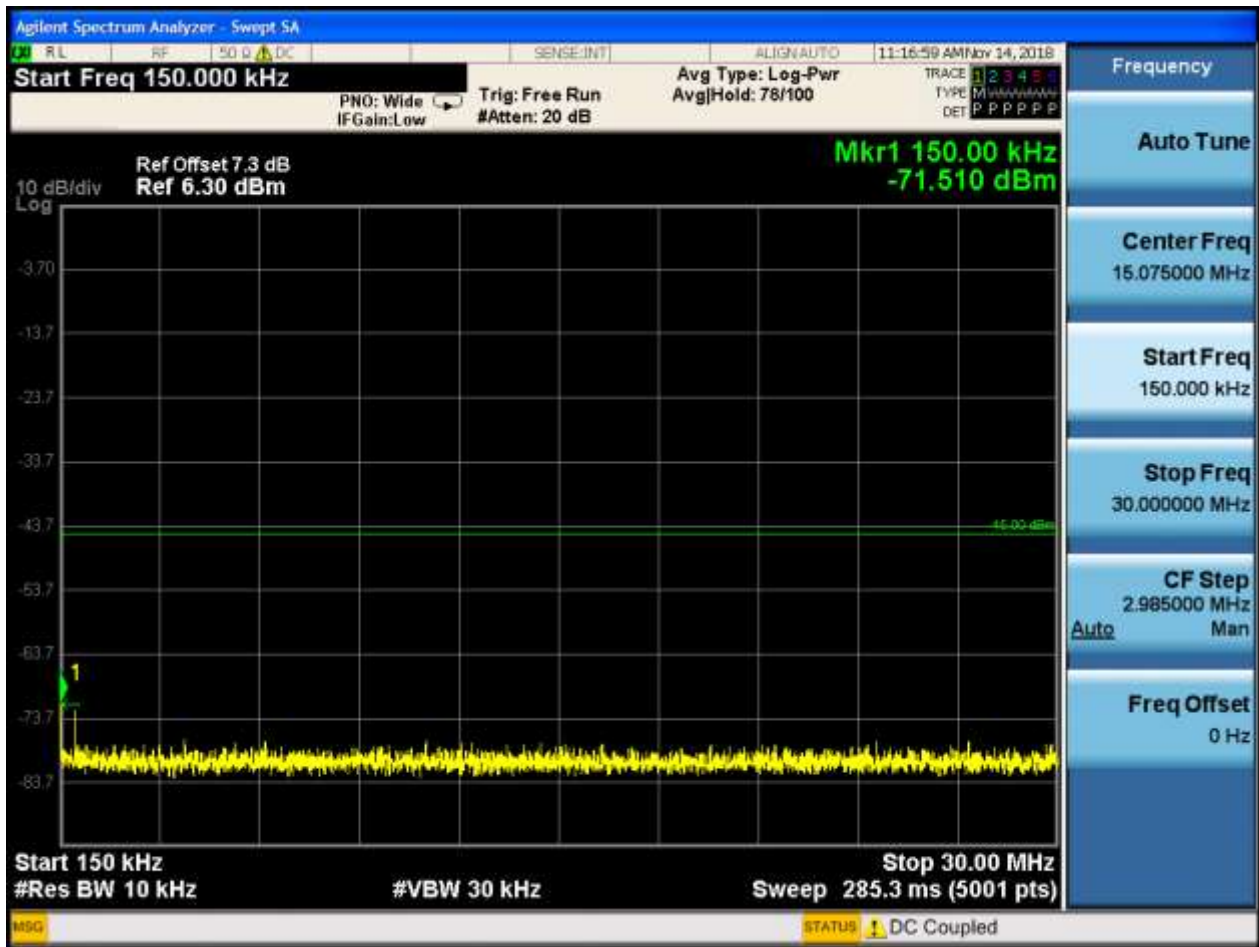


#### 6.2.1.2.4 Test Bandwidth = 20

##### 6.2.1.2.4.1 Test Channel = LCH

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





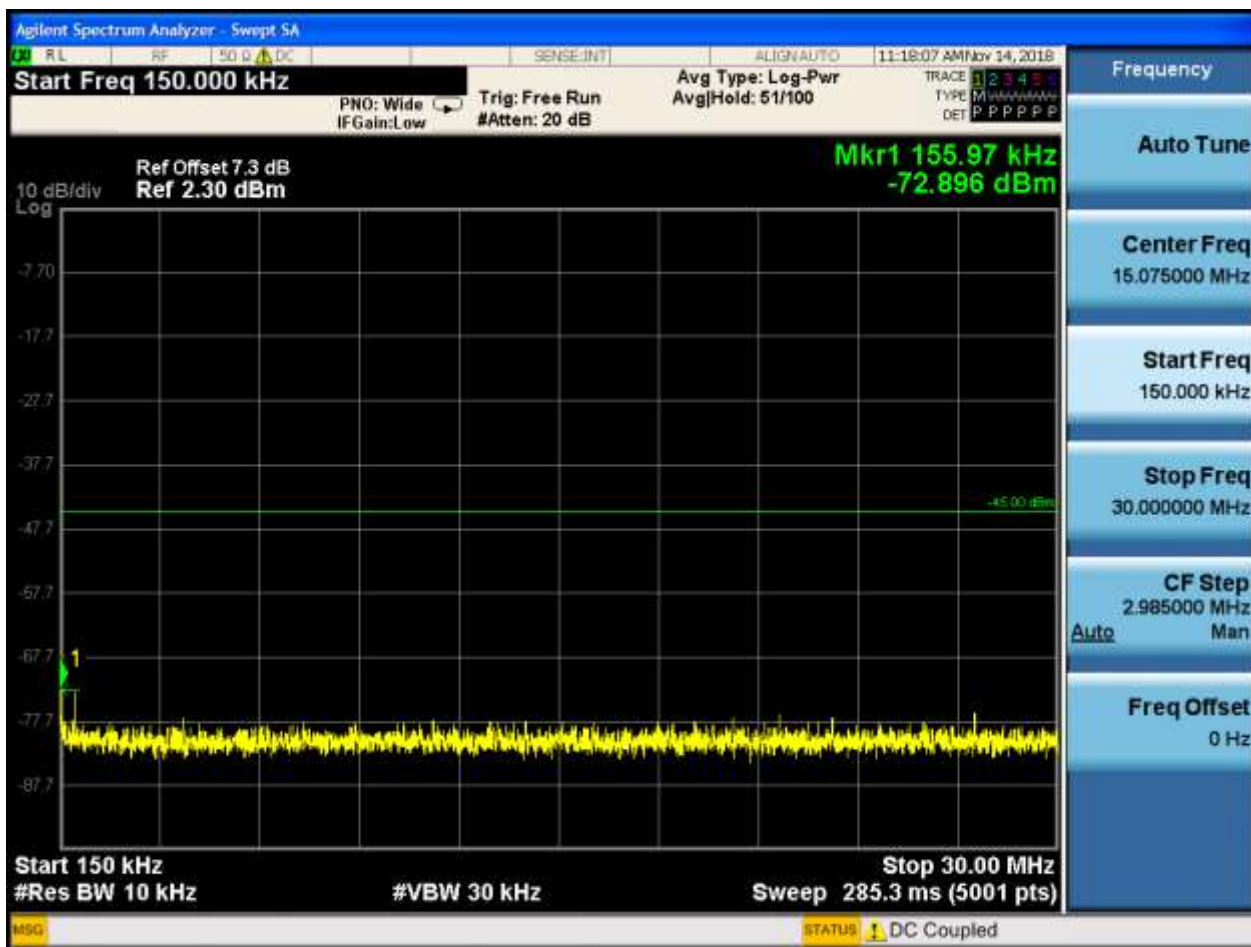




#### 6.2.1.2.4.2 Test Channel = MCH

##### 6.2.1.2.4.2.1 Test RB = RB1#0



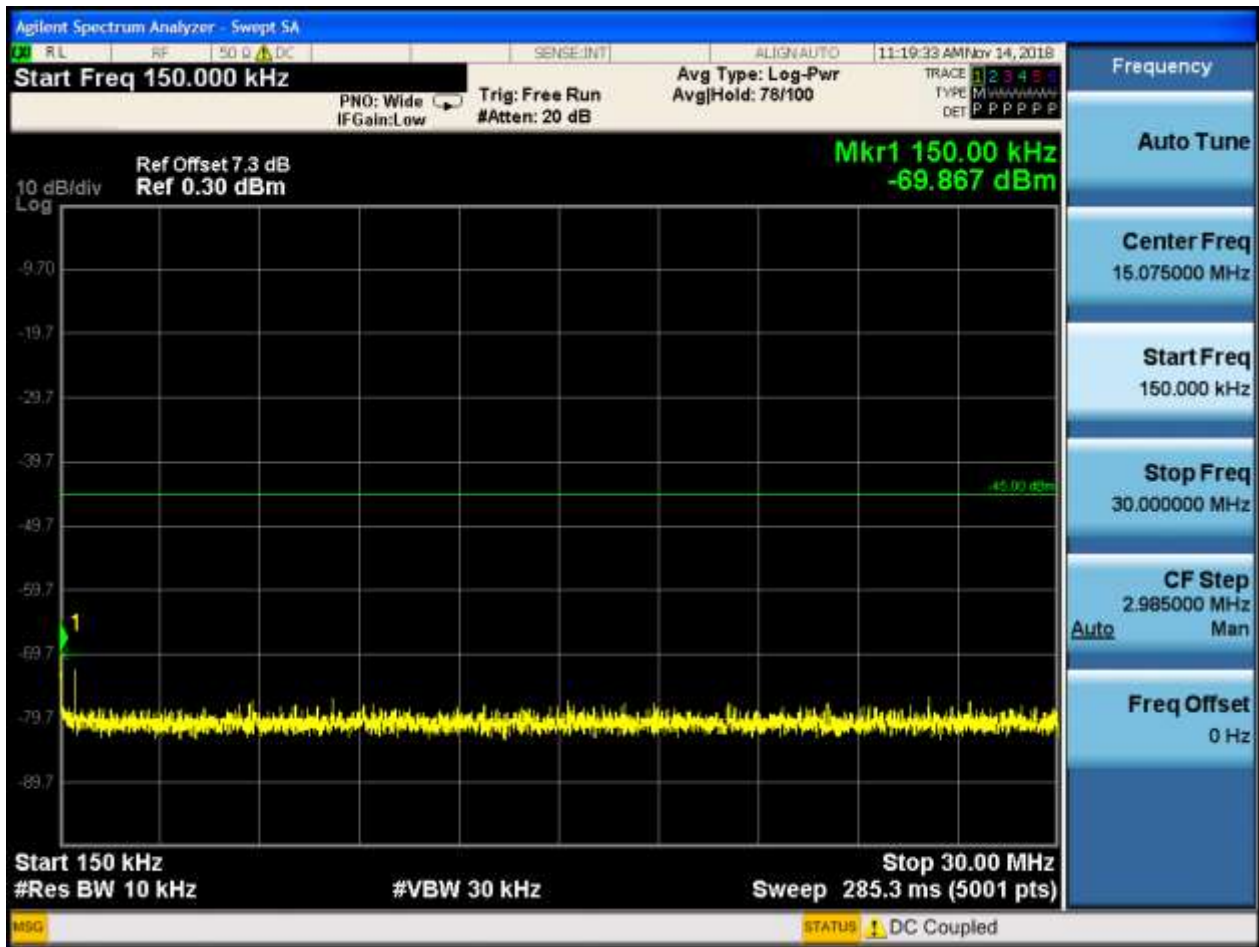




#### 6.2.1.2.4.3 Test Channel = HCH

##### 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

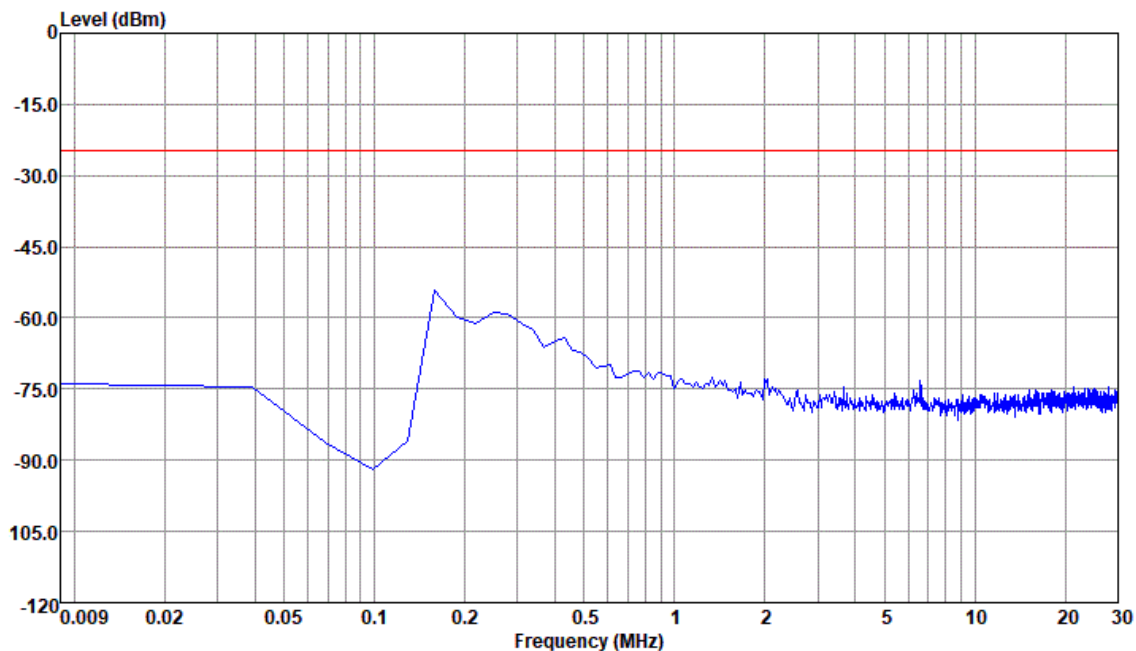
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND7

##### 7.1.1.1 Test Bandwidth = 5

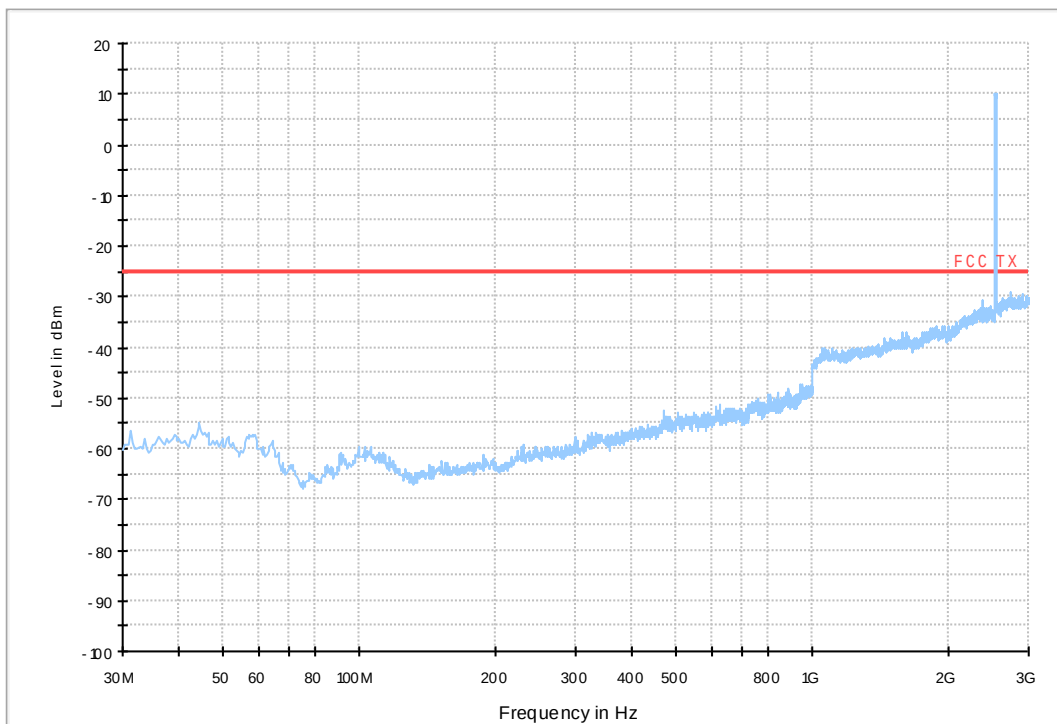


Data: 100

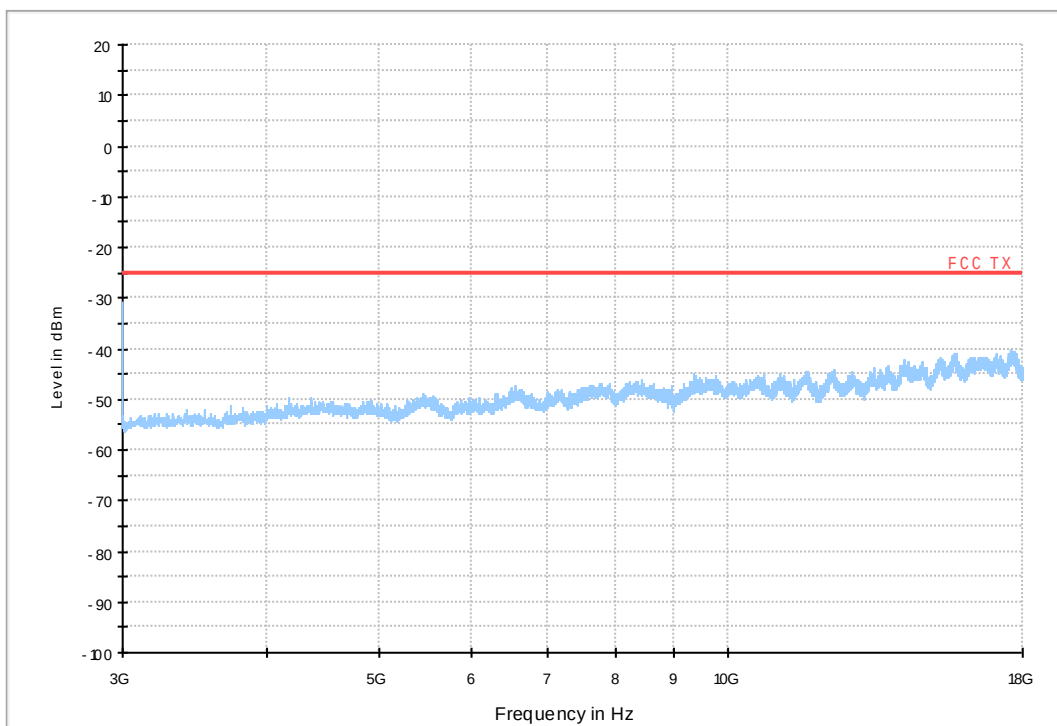


Site : 03CH01-SZ  
Condition : -25DBM 9K-30M AMP NEUTRAL  
: RBW:0.200KHz VBW:0.600KHz  
: DUB-LX1#6 LTE

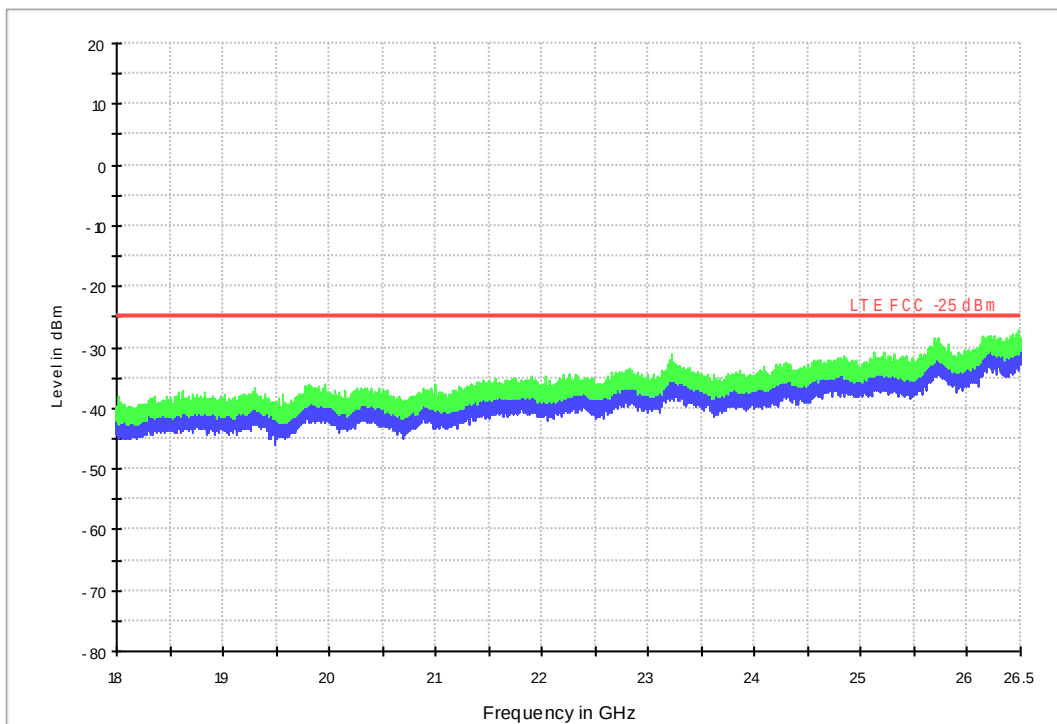
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

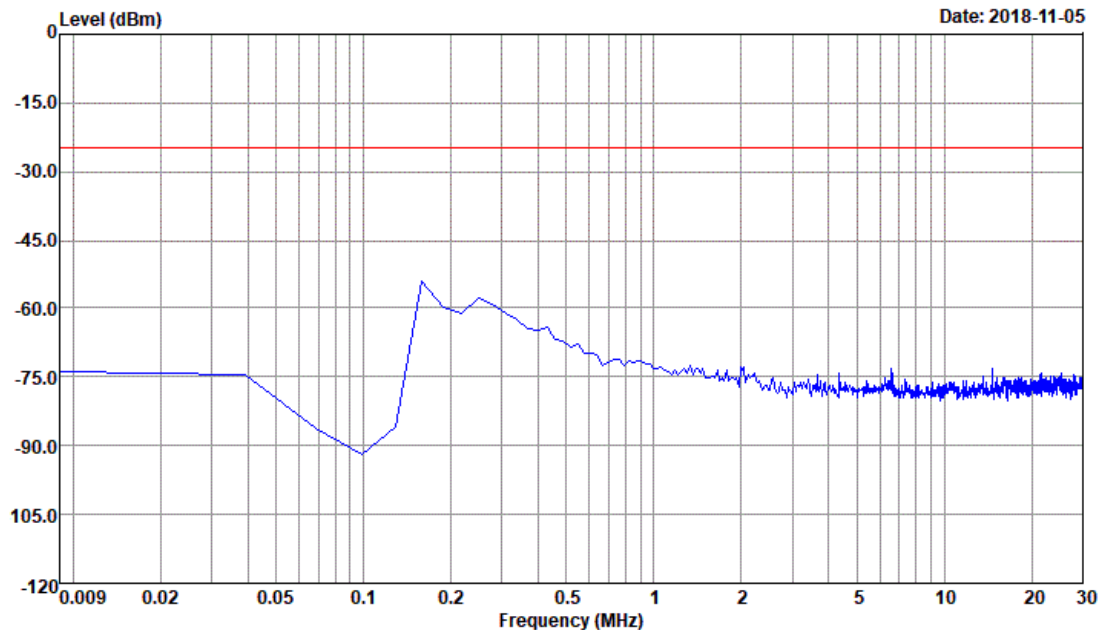


## 7.1.1.2 Test Bandwidth = 20



Data: 102

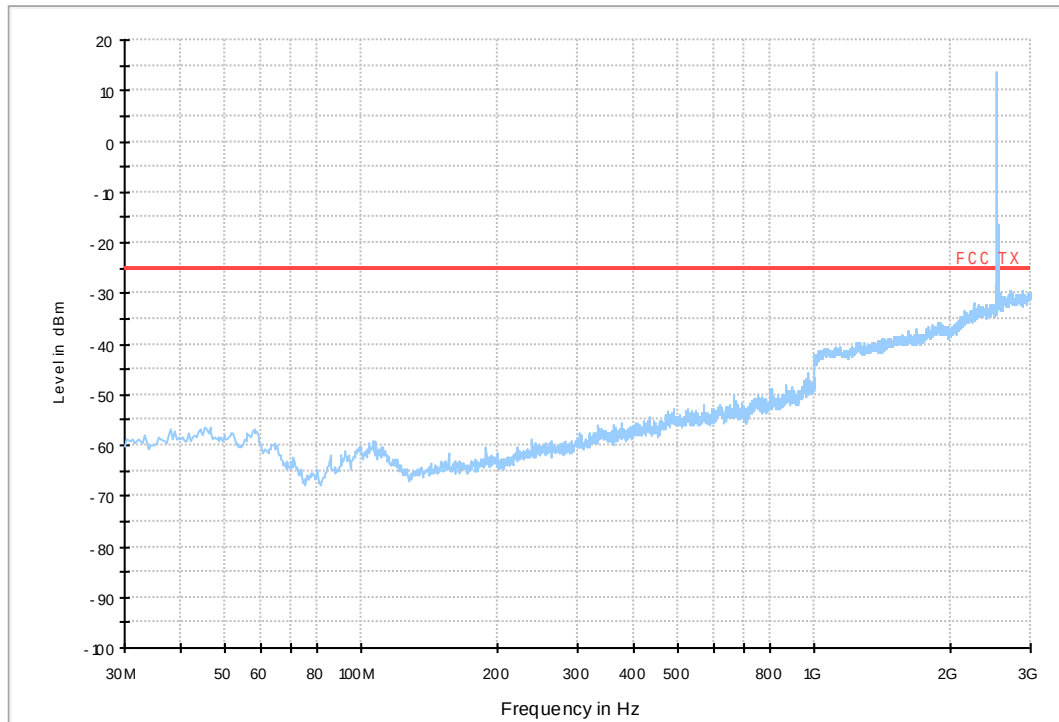
Date: 2018-11-05



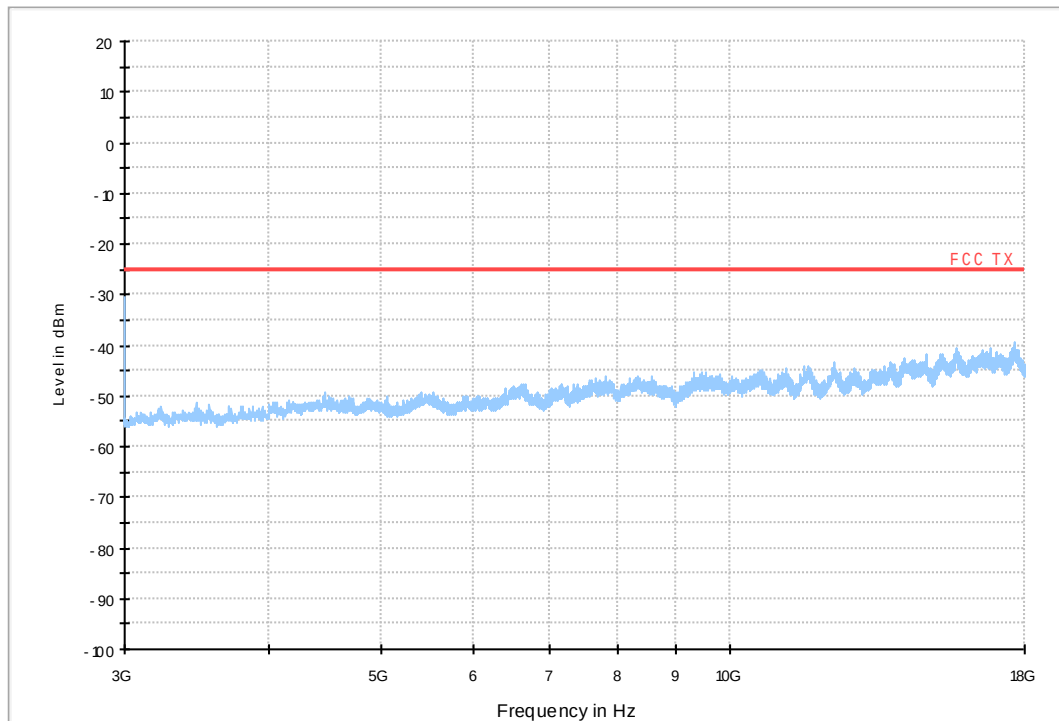
Site : 03CH01-SZ  
Condition : -25DBM 9K-30M AMP NEUTRAL  
: RBW:0.200KHz VBW:0.600KHz  
: DUB-LX1#6 LTE



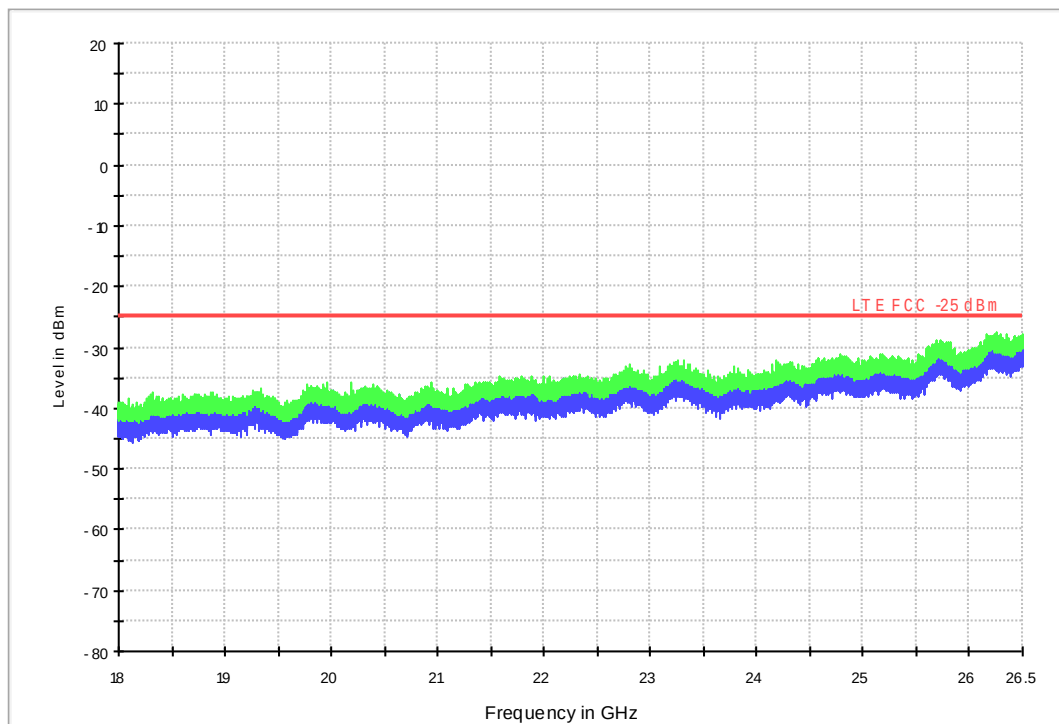
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR 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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND7     | LTE/TM1   | 5                    | LCH          | TN         | VL         | 1.34             | 0.00054               | PASS    |
|           |           |                      |              |            | VN         | 1.04             | 0.00042               | PASS    |
|           |           |                      |              |            | VH         | 2.49             | 0.001                 | PASS    |
|           |           |                      | MCH          | TN         | VL         | -3.53            | -0.00139              | PASS    |
|           |           |                      |              |            | VN         | -4.31            | -0.0017               | PASS    |
|           |           |                      |              |            | VH         | -3.02            | -0.00119              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -0.03            | -0.00001              | PASS    |
|           |           |                      |              |            | VN         | 1.04             | 0.00041               | PASS    |
|           |           |                      |              |            | VH         | 2.56             | 0.001                 | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -2.1             | -0.00084              | PASS    |
|           |           |                      |              |            | VN         | -1.24            | -0.0005               | PASS    |
|           |           |                      |              |            | VH         | -1.62            | -0.00065              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -3.82            | -0.00151              | PASS    |
|           |           |                      |              |            | VN         | -3.98            | -0.00157              | PASS    |
|           |           |                      |              |            | VH         | -3.4             | -0.00134              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -8.54            | -0.00333              | PASS    |
|           |           |                      |              |            | VN         | -8.94            | -0.00349              | PASS    |
|           |           |                      |              |            | VH         | -8.64            | -0.00337              | PASS    |
|           |           | 15                   | LCH          | TN         | VL         | 0.66             | 0.00026               | PASS    |
|           |           |                      |              |            | VN         | -0.29            | -0.00012              | PASS    |
|           |           |                      |              |            | VH         | 0.8              | 0.00032               | PASS    |
|           |           |                      | MCH          | TN         | VL         | -2.52            | -0.00099              | PASS    |
|           |           |                      |              |            | VN         | -1.9             | -0.00075              | PASS    |
|           |           |                      |              |            | VH         | -3.05            | -0.0012               | PASS    |
|           |           |                      | HCH          | TN         | VL         | 2.36             | 0.00092               | PASS    |
|           |           |                      |              |            | VN         | 2.59             | 0.00101               | PASS    |
|           |           |                      |              |            | VH         | 1.23             | 0.00048               | PASS    |
|           |           | 20                   | LCH          | TN         | VL         | 0.82             | 0.00033               | PASS    |
|           |           |                      |              |            | VN         | 1.82             | 0.00073               | PASS    |
|           |           |                      |              |            | VH         | 3.95             | 0.00157               | PASS    |

|  |         |     |     |    |    |        |          |      |
|--|---------|-----|-----|----|----|--------|----------|------|
|  | LTE/TM2 |     | MCH | TN | VL | -2.78  | -0.0011  | PASS |
|  |         |     |     |    | VN | -3.49  | -0.00138 | PASS |
|  |         |     |     |    | VH | -3.53  | -0.00139 | PASS |
|  |         | HCH | TN  |    | VL | 1.04   | 0.00041  | PASS |
|  |         |     |     |    | VN | 0.92   | 0.00036  | PASS |
|  |         |     |     |    | VH | 0.43   | 0.00017  | PASS |
|  |         | 5   | LCH | TN | VL | 0.62   | 0.00025  | PASS |
|  |         |     |     |    | VN | 1.44   | 0.00058  | PASS |
|  |         |     |     |    | VH | 0.31   | 0.00012  | PASS |
|  |         |     | MCH | TN | VL | -2.99  | -0.00118 | PASS |
|  |         |     |     |    | VN | -2.73  | -0.00108 | PASS |
|  |         |     |     |    | VH | -0.73  | -0.00029 | PASS |
|  |         |     | HCH | TN | VL | -0.16  | -0.00006 | PASS |
|  |         |     |     |    | VN | -0.43  | -0.00017 | PASS |
|  |         |     |     |    | VH | 1.16   | 0.00045  | PASS |
|  |         | 10  | LCH | TN | VL | -3.09  | -0.00123 | PASS |
|  |         |     |     |    | VN | -3.65  | -0.00146 | PASS |
|  |         |     |     |    | VH | -1.37  | -0.00055 | PASS |
|  |         |     | MCH | TN | VL | -2.46  | -0.00097 | PASS |
|  |         |     |     |    | VN | -3.65  | -0.00144 | PASS |
|  |         |     |     |    | VH | -3.02  | -0.00119 | PASS |
|  |         |     | HCH | TN | VL | -10.57 | -0.00412 | PASS |
|  |         |     |     |    | VN | -8.93  | -0.00348 | PASS |
|  |         |     |     |    | VH | -9.84  | -0.00384 | PASS |
|  |         | 15  | LCH | TN | VL | 0.41   | 0.00016  | PASS |
|  |         |     |     |    | VN | 0.09   | 0.00004  | PASS |
|  |         |     |     |    | VH | 1.2    | 0.00048  | PASS |
|  |         |     | MCH | TN | VL | -4.38  | -0.00173 | PASS |
|  |         |     |     |    | VN | -4.33  | -0.00171 | PASS |
|  |         |     |     |    | VH | -4.36  | -0.00172 | PASS |
|  |         |     | HCH | TN | VL | 1.73   | 0.00068  | PASS |
|  |         |     |     |    | VN | 2.33   | 0.00091  | PASS |
|  |         |     |     |    | VH | 2.6    | 0.00101  | PASS |
|  |         | 20  | LCH | TN | VL | 1.1    | 0.00044  | PASS |
|  |         |     |     |    | VN | 2.39   | 0.00095  | PASS |
|  |         |     |     |    | VH | 1.22   | 0.00049  | PASS |
|  |         |     | MCH | TN | VL | -3.23  | -0.00127 | PASS |
|  |         |     |     |    | VN | -2.62  | -0.00103 | PASS |
|  |         |     |     |    | VH | -4.08  | -0.00161 | PASS |
|  |         |     | HCH | TN | VL | -0.47  | -0.00018 | PASS |
|  |         |     |     |    | VN | 1.39   | 0.00054  | PASS |
|  |         |     |     |    | VH |        |          |      |



|  |  |  |  |  |    |      |         |      |
|--|--|--|--|--|----|------|---------|------|
|  |  |  |  |  | VH | 0.67 | 0.00026 | 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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND7     | LTE/TM1   | 5                    | LCH          | VN         | -30        | 1.09             | 0.00044               | PASS    |
|           |           |                      |              |            | -20        | 1.96             | 0.00078               | PASS    |
|           |           |                      |              |            | -10        | 0.89             | 0.00036               | PASS    |
|           |           |                      |              |            | 0          | 1.67             | 0.00067               | PASS    |
|           |           |                      |              |            | 10         | 0.64             | 0.00026               | PASS    |
|           |           |                      |              |            | 20         | 0.07             | 0.00003               | PASS    |
|           |           |                      |              |            | 30         | 2.32             | 0.00093               | PASS    |
|           |           |                      |              |            | 40         | 0.87             | 0.00035               | PASS    |
|           |           |                      |              |            | 50         | 2.32             | 0.00093               | PASS    |
|           |           |                      | MCH          | VN         | -30        | -3.86            | -0.00152              | PASS    |
|           |           |                      |              |            | -20        | -2.56            | -0.00101              | PASS    |
|           |           |                      |              |            | -10        | -4.48            | -0.00177              | PASS    |
|           |           |                      |              |            | 0          | -2.59            | -0.00102              | PASS    |
|           |           |                      |              |            | 10         | -1.06            | -0.00042              | PASS    |
|           |           |                      |              |            | 20         | -2.55            | -0.00101              | PASS    |
|           |           |                      |              |            | 30         | -2.39            | -0.00094              | PASS    |
|           |           |                      |              |            | 40         | -2.05            | -0.00081              | PASS    |
|           |           |                      |              |            | 50         | -2.53            | -0.001                | PASS    |
|           |           |                      | HCH          | VN         | -30        | -3.33            | -0.0013               | PASS    |
|           |           |                      |              |            | -20        | -2.12            | -0.00083              | PASS    |
|           |           |                      |              |            | -10        | -1.22            | -0.00048              | PASS    |
|           |           |                      |              |            | 0          | -1.82            | -0.00071              | PASS    |
|           |           |                      |              |            | 10         | -1.07            | -0.00042              | PASS    |
|           |           |                      |              |            | 20         | -4.52            | -0.00176              | PASS    |
|           |           |                      |              |            | 30         | -3.59            | -0.0014               | PASS    |
|           |           |                      |              |            | 40         | -2.33            | -0.00091              | PASS    |
|           |           |                      |              |            | 50         | -3.71            | -0.00144              | PASS    |
|           |           | 10                   | LCH          | VN         | -30        | -2.68            | -0.00107              | PASS    |
|           |           |                      |              |            | -20        | -2.9             | -0.00116              | PASS    |
|           |           |                      |              |            | -10        | -3.35            | -0.00134              | PASS    |
|           |           |                      |              |            | 0          | -2.42            | -0.00097              | PASS    |
|           |           |                      |              |            | 10         | -0.96            | -0.00038              | PASS    |
|           |           |                      |              |            | 20         | -2.8             | -0.00112              | PASS    |
|           |           |                      |              |            | 30         | -2.37            | -0.00095              | PASS    |
|           |           |                      |              |            | 40         | -1.89            | -0.00075              | PASS    |

|  |  |  |     |    |     |       |          |      |
|--|--|--|-----|----|-----|-------|----------|------|
|  |  |  | MCH | VN | 50  | -2.06 | -0.00082 | PASS |
|  |  |  |     |    | -30 | -4.22 | -0.00166 | PASS |
|  |  |  |     |    | -20 | -3.73 | -0.00147 | PASS |
|  |  |  |     |    | -10 | -2.9  | -0.00114 | PASS |
|  |  |  |     |    | 0   | -3.43 | -0.00135 | PASS |
|  |  |  |     |    | 10  | -2.76 | -0.00109 | PASS |
|  |  |  |     |    | 20  | -3.36 | -0.00133 | PASS |
|  |  |  |     |    | 30  | -2.4  | -0.00095 | PASS |
|  |  |  |     |    | 40  | -3.63 | -0.00143 | PASS |
|  |  |  |     |    | 50  | -3.63 | -0.00143 | PASS |
|  |  |  | HCH | VN | -30 | -1.85 | -0.00072 | PASS |
|  |  |  |     |    | -20 | -3.46 | -0.00135 | PASS |
|  |  |  |     |    | -10 | -3.2  | -0.00125 | PASS |
|  |  |  |     |    | 0   | -3.75 | -0.00146 | PASS |
|  |  |  |     |    | 10  | -5.21 | -0.00203 | PASS |
|  |  |  |     |    | 20  | -3.1  | -0.00121 | PASS |
|  |  |  |     |    | 30  | -2.8  | -0.00109 | PASS |
|  |  |  |     |    | 40  | -2.76 | -0.00108 | PASS |
|  |  |  |     |    | 50  | -2.09 | -0.00081 | PASS |
|  |  |  | LCH | VN | -30 | -0.64 | -0.00026 | PASS |
|  |  |  |     |    | -20 | -0.74 | -0.0003  | PASS |
|  |  |  |     |    | -10 | -0.24 | -0.0001  | PASS |
|  |  |  |     |    | 0   | 0.11  | 0.00004  | PASS |
|  |  |  |     |    | 10  | -0.46 | -0.00018 | PASS |
|  |  |  |     |    | 20  | 0.76  | 0.0003   | PASS |
|  |  |  |     |    | 30  | 0.64  | 0.00026  | PASS |
|  |  |  |     |    | 40  | -0.47 | -0.00019 | PASS |
|  |  |  |     |    | 50  | 0.9   | 0.00036  | PASS |
|  |  |  | MCH | VN | -30 | -3.25 | -0.00128 | PASS |
|  |  |  |     |    | -20 | -3.69 | -0.00146 | PASS |
|  |  |  |     |    | -10 | -2.56 | -0.00101 | PASS |
|  |  |  |     |    | 0   | -2.37 | -0.00093 | PASS |
|  |  |  |     |    | 10  | -3.39 | -0.00134 | PASS |
|  |  |  |     |    | 20  | -2.96 | -0.00117 | PASS |
|  |  |  |     |    | 30  | -2.1  | -0.00083 | PASS |
|  |  |  |     |    | 40  | -3.58 | -0.00141 | PASS |
|  |  |  |     |    | 50  | -3.38 | -0.00133 | PASS |
|  |  |  | HCH | VN | -30 | 1.16  | 0.00045  | PASS |
|  |  |  |     |    | -20 | 1.69  | 0.00066  | PASS |
|  |  |  |     |    | -10 | 1.26  | 0.00049  | PASS |
|  |  |  |     |    | 0   | 0.53  | 0.00021  | PASS |



|  |         |    |     |    |     |       |          |      |
|--|---------|----|-----|----|-----|-------|----------|------|
|  |         |    |     |    | 10  | 0.26  | 0.0001   | PASS |
|  |         |    |     |    | 20  | 2.62  | 0.00102  | PASS |
|  |         |    |     |    | 30  | 2.46  | 0.00096  | PASS |
|  |         |    |     |    | 40  | 1.83  | 0.00071  | PASS |
|  |         |    |     |    | 50  | 2.6   | 0.00101  | PASS |
|  |         | 20 | LCH | VN | -30 | 0.86  | 0.00034  | PASS |
|  |         |    |     |    | -20 | 1.03  | 0.00041  | PASS |
|  |         |    |     |    | -10 | 1.37  | 0.00055  | PASS |
|  |         |    |     |    | 0   | 0.77  | 0.00031  | PASS |
|  |         |    |     |    | 10  | 1.63  | 0.00065  | PASS |
|  |         |    |     |    | 20  | 1.86  | 0.00074  | PASS |
|  |         |    |     |    | 30  | 1.32  | 0.00053  | PASS |
|  |         |    |     |    | 40  | 2.7   | 0.00108  | PASS |
|  |         |    |     |    | 50  | 0.86  | 0.00034  | PASS |
|  |         |    | MCH | VN | -30 | -3.65 | -0.00144 | PASS |
|  |         |    |     |    | -20 | -3.86 | -0.00152 | PASS |
|  |         |    |     |    | -10 | -4.33 | -0.00171 | PASS |
|  |         |    |     |    | 0   | -3.43 | -0.00135 | PASS |
|  |         |    |     |    | 10  | -3.99 | -0.00157 | PASS |
|  |         |    |     |    | 20  | -1.75 | -0.00069 | PASS |
|  |         |    |     |    | 30  | -3.92 | -0.00155 | PASS |
|  |         |    |     |    | 40  | -3.45 | -0.00136 | PASS |
|  |         |    |     |    | 50  | -3.25 | -0.00128 | PASS |
|  |         |    | HCH | VN | -30 | 2.46  | 0.00096  | PASS |
|  |         |    |     |    | -20 | 0.49  | 0.00019  | PASS |
|  |         |    |     |    | -10 | 1.02  | 0.0004   | PASS |
|  |         |    |     |    | 0   | 0.59  | 0.00023  | PASS |
|  |         |    |     |    | 10  | -0.3  | -0.00012 | PASS |
|  |         |    |     |    | 20  | 1.13  | 0.00044  | PASS |
|  |         |    |     |    | 30  | 1.12  | 0.00044  | PASS |
|  |         |    |     |    | 40  | 1.75  | 0.00068  | PASS |
|  |         |    |     |    | 50  | 0.19  | 0.00007  | PASS |
|  | LTE/TM2 | 5  | LCH | VN | -30 | 2.76  | 0.0011   | PASS |
|  |         |    |     |    | -20 | 2.73  | 0.00109  | PASS |
|  |         |    |     |    | -10 | 3.65  | 0.00146  | PASS |
|  |         |    |     |    | 0   | 1.4   | 0.00056  | PASS |
|  |         |    |     |    | 10  | 1.47  | 0.00059  | PASS |
|  |         |    |     |    | 20  | 3.52  | 0.00141  | PASS |
|  |         |    |     |    | 30  | 0.29  | 0.00012  | PASS |
|  |         |    |     |    | 40  | 2.37  | 0.00095  | PASS |
|  |         |    |     |    | 50  | 1.43  | 0.00057  | PASS |

|  |  |  |     |    |     |        |          |      |
|--|--|--|-----|----|-----|--------|----------|------|
|  |  |  | MCH | VN | -30 | -1.47  | -0.00058 | PASS |
|  |  |  |     |    | -20 | -2.27  | -0.0009  | PASS |
|  |  |  |     |    | -10 | -5.45  | -0.00215 | PASS |
|  |  |  |     |    | 0   | -4.98  | -0.00196 | PASS |
|  |  |  |     |    | 10  | -2.65  | -0.00105 | PASS |
|  |  |  |     |    | 20  | -4.35  | -0.00172 | PASS |
|  |  |  |     |    | 30  | -5.44  | -0.00215 | PASS |
|  |  |  |     |    | 40  | -3.23  | -0.00127 | PASS |
|  |  |  |     |    | 50  | -3.46  | -0.00136 | PASS |
|  |  |  | HCH | VN | -30 | -1.3   | -0.00051 | PASS |
|  |  |  |     |    | -20 | -0.97  | -0.00038 | PASS |
|  |  |  |     |    | -10 | 1.06   | 0.00041  | PASS |
|  |  |  |     |    | 0   | 0.24   | 0.00009  | PASS |
|  |  |  |     |    | 10  | -2.07  | -0.00081 | PASS |
|  |  |  |     |    | 20  | 1.49   | 0.00058  | PASS |
|  |  |  |     |    | 30  | 0.2    | 0.00008  | PASS |
|  |  |  |     |    | 40  | -0.33  | -0.00013 | PASS |
|  |  |  |     |    | 50  | -0.96  | -0.00037 | PASS |
|  |  |  | LCH | VN | -30 | -1.27  | -0.00051 | PASS |
|  |  |  |     |    | -20 | -2.79  | -0.00111 | PASS |
|  |  |  |     |    | -10 | -4.25  | -0.0017  | PASS |
|  |  |  |     |    | 0   | -3.65  | -0.00146 | PASS |
|  |  |  |     |    | 10  | -3.39  | -0.00135 | PASS |
|  |  |  |     |    | 20  | -2.47  | -0.00099 | PASS |
|  |  |  |     |    | 30  | -3.95  | -0.00158 | PASS |
|  |  |  |     |    | 40  | -1.42  | -0.00057 | PASS |
|  |  |  |     |    | 50  | -2.17  | -0.00087 | PASS |
|  |  |  | MCH | VN | -30 | -2.5   | -0.00099 | PASS |
|  |  |  |     |    | -20 | -2.2   | -0.00087 | PASS |
|  |  |  |     |    | -10 | -4.13  | -0.00163 | PASS |
|  |  |  |     |    | 0   | -4.05  | -0.0016  | PASS |
|  |  |  |     |    | 10  | -3.53  | -0.00139 | PASS |
|  |  |  |     |    | 20  | -2.72  | -0.00107 | PASS |
|  |  |  |     |    | 30  | -2.09  | -0.00082 | PASS |
|  |  |  |     |    | 40  | -4.99  | -0.00197 | PASS |
|  |  |  |     |    | 50  | -2.85  | -0.00112 | PASS |
|  |  |  | HCH | VN | -30 | -8.61  | -0.00336 | PASS |
|  |  |  |     |    | -20 | -7.87  | -0.00307 | PASS |
|  |  |  |     |    | -10 | -10.17 | -0.00396 | PASS |
|  |  |  |     |    | 0   | -8.03  | -0.00313 | PASS |
|  |  |  |     |    | 10  | -9.67  | -0.00377 | PASS |

|  |  |    |     |    |     |       |          |      |
|--|--|----|-----|----|-----|-------|----------|------|
|  |  |    |     |    | 20  | -8.47 | -0.0033  | PASS |
|  |  |    |     |    | 30  | -6.81 | -0.00265 | PASS |
|  |  |    |     |    | 40  | -7.71 | -0.00301 | PASS |
|  |  |    |     |    | 50  | -6.18 | -0.00241 | PASS |
|  |  | 15 | LCH | VN | -30 | -0.87 | -0.00035 | PASS |
|  |  |    |     |    | -20 | 0.59  | 0.00024  | PASS |
|  |  |    |     |    | -10 | 1.34  | 0.00053  | PASS |
|  |  |    |     |    | 0   | -0.31 | -0.00012 | PASS |
|  |  |    |     |    | 10  | 0.49  | 0.0002   | PASS |
|  |  |    |     |    | 20  | 0.37  | 0.00015  | PASS |
|  |  |    |     |    | 30  | -0.54 | -0.00022 | PASS |
|  |  |    |     |    | 40  | 0.74  | 0.0003   | PASS |
|  |  |    |     |    | 50  | 0.56  | 0.00022  | PASS |
|  |  |    | MCH | VN | -30 | -3.48 | -0.00137 | PASS |
|  |  |    |     |    | -20 | -2.63 | -0.00104 | PASS |
|  |  |    |     |    | -10 | -5.52 | -0.00218 | PASS |
|  |  |    |     |    | 0   | -4.35 | -0.00172 | PASS |
|  |  |    |     |    | 10  | -5.26 | -0.00207 | PASS |
|  |  |    |     |    | 20  | -3.6  | -0.00142 | PASS |
|  |  |    |     |    | 30  | -3.79 | -0.0015  | PASS |
|  |  |    |     |    | 40  | -4.51 | -0.00178 | PASS |
|  |  |    |     |    | 50  | -4.05 | -0.0016  | PASS |
|  |  |    | HCH | VN | -30 | 1.67  | 0.00065  | PASS |
|  |  |    |     |    | -20 | 2.05  | 0.0008   | PASS |
|  |  |    |     |    | -10 | 1.39  | 0.00054  | PASS |
|  |  |    |     |    | 0   | 1.46  | 0.00057  | PASS |
|  |  |    |     |    | 10  | 1.36  | 0.00053  | PASS |
|  |  |    |     |    | 20  | -1.23 | -0.00048 | PASS |
|  |  |    |     |    | 30  | 2.69  | 0.00105  | PASS |
|  |  |    |     |    | 40  | 1.92  | 0.00075  | PASS |
|  |  |    |     |    | 50  | 0.9   | 0.00035  | PASS |
|  |  | 20 | LCH | VN | -30 | 1.65  | 0.00066  | PASS |
|  |  |    |     |    | -20 | 2.03  | 0.00081  | PASS |
|  |  |    |     |    | -10 | 2.49  | 0.00099  | PASS |
|  |  |    |     |    | 0   | 1.67  | 0.00067  | PASS |
|  |  |    |     |    | 10  | 2.05  | 0.00082  | PASS |
|  |  |    |     |    | 20  | 1.27  | 0.00051  | PASS |
|  |  |    |     |    | 30  | 2.02  | 0.0008   | PASS |
|  |  |    |     |    | 40  | 0.5   | 0.0002   | PASS |
|  |  |    |     |    | 50  | 1.93  | 0.00077  | PASS |
|  |  |    | MCH | VN | -30 | -2.12 | -0.00084 | PASS |



|  |  |  |     |    |     |       |          |      |
|--|--|--|-----|----|-----|-------|----------|------|
|  |  |  |     |    | -20 | -2.12 | -0.00084 | PASS |
|  |  |  |     |    | -10 | -3.29 | -0.0013  | PASS |
|  |  |  |     |    | 0   | -2.25 | -0.00089 | PASS |
|  |  |  |     |    | 10  | -2.76 | -0.00109 | PASS |
|  |  |  |     |    | 20  | -2.29 | -0.0009  | PASS |
|  |  |  |     |    | 30  | -1.96 | -0.00077 | PASS |
|  |  |  |     |    | 40  | -2.43 | -0.00096 | PASS |
|  |  |  |     |    | 50  | -3.09 | -0.00122 | PASS |
|  |  |  | HCH | VN | -30 | -0.1  | -0.00004 | PASS |
|  |  |  |     |    | -20 | 0.34  | 0.00013  | PASS |
|  |  |  |     |    | -10 | -0.2  | -0.00008 | PASS |
|  |  |  |     |    | 0   | -0.11 | -0.00004 | PASS |
|  |  |  |     |    | 10  | 1.24  | 0.00048  | PASS |
|  |  |  |     |    | 20  | -0.8  | -0.00031 | PASS |
|  |  |  |     |    | 30  | 1.7   | 0.00066  | PASS |
|  |  |  |     |    | 40  | 0.57  | 0.00022  | PASS |
|  |  |  |     |    | 50  | -0.83 | -0.00032 | PASS |

END