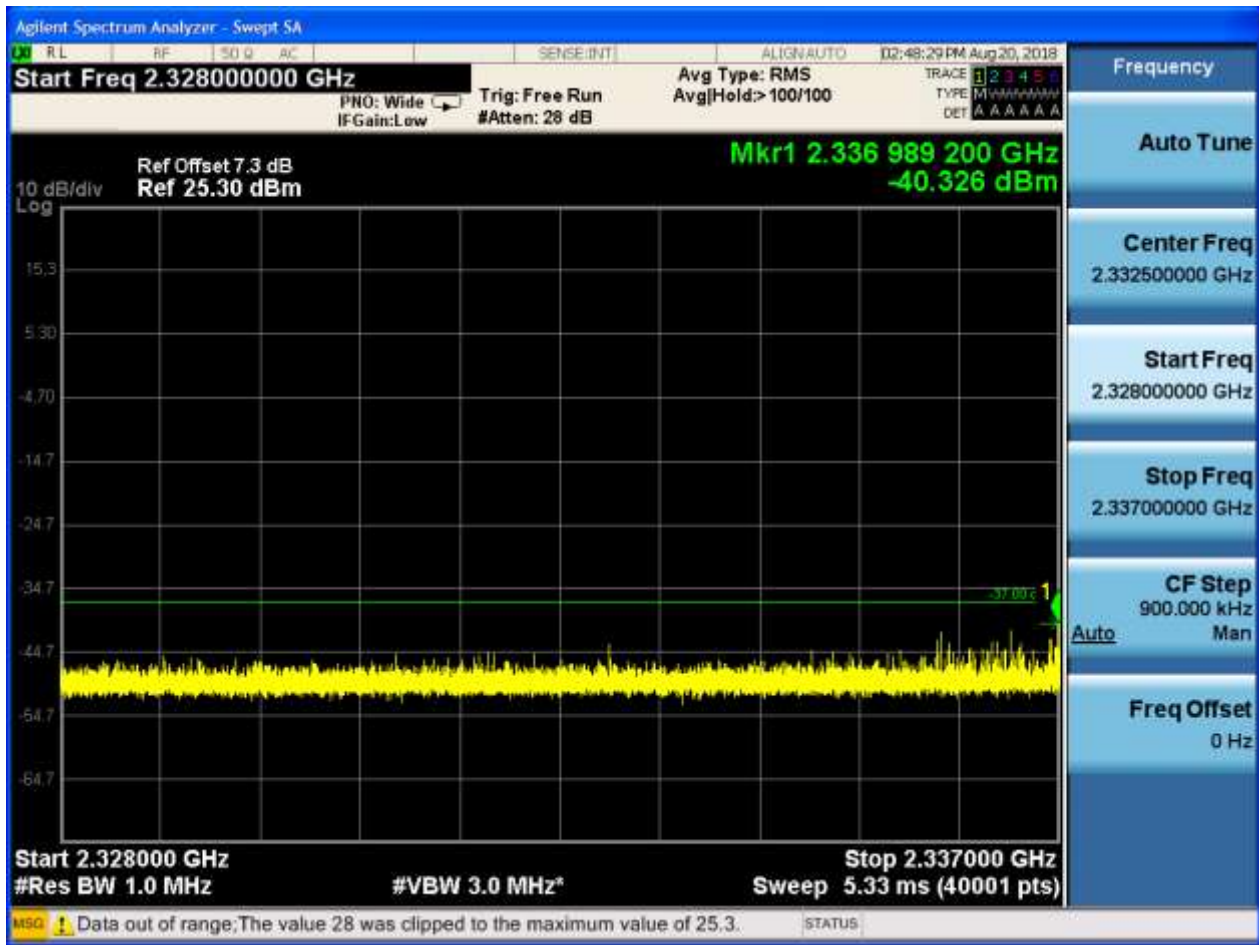
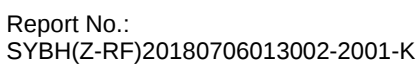
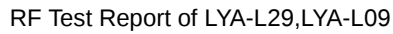
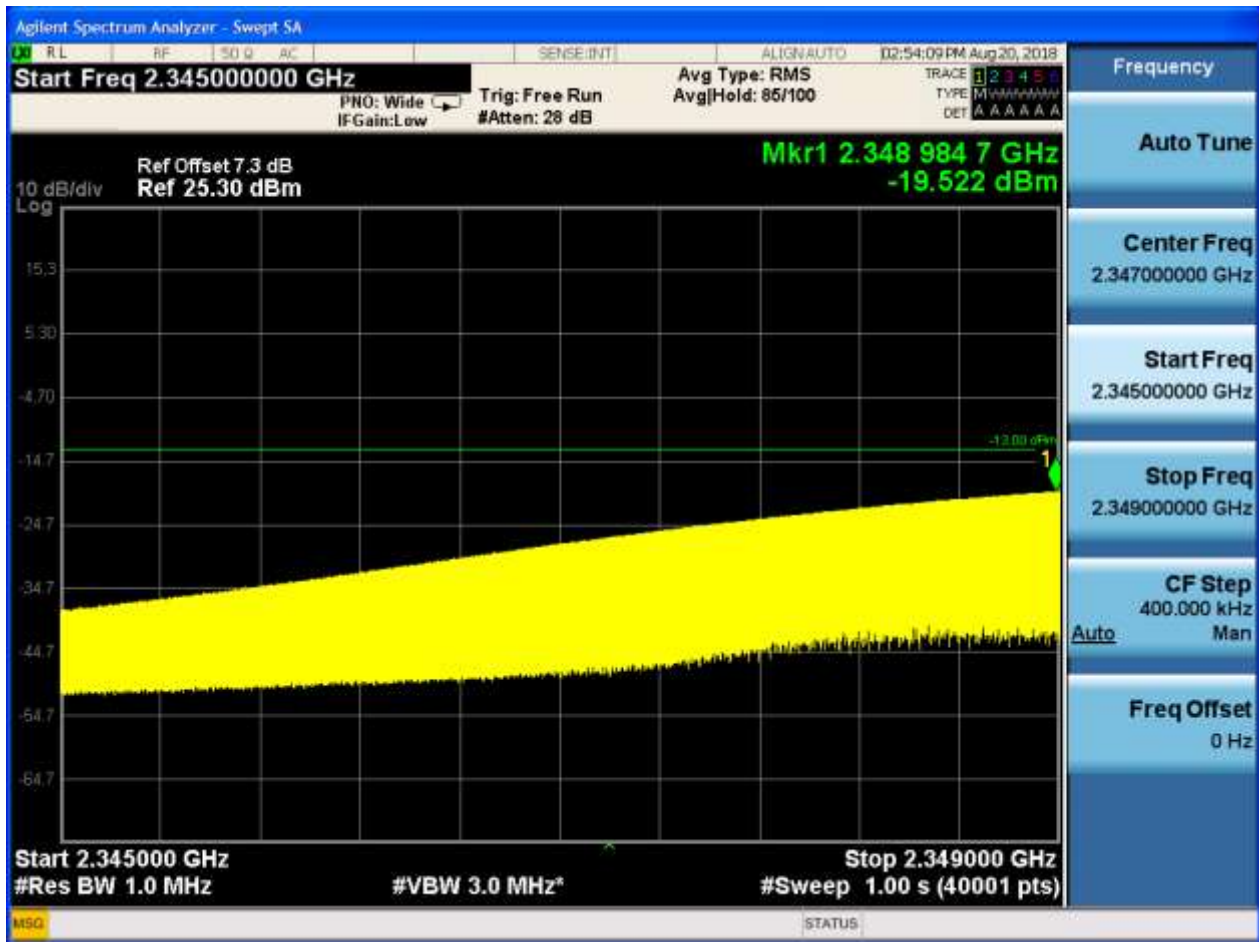


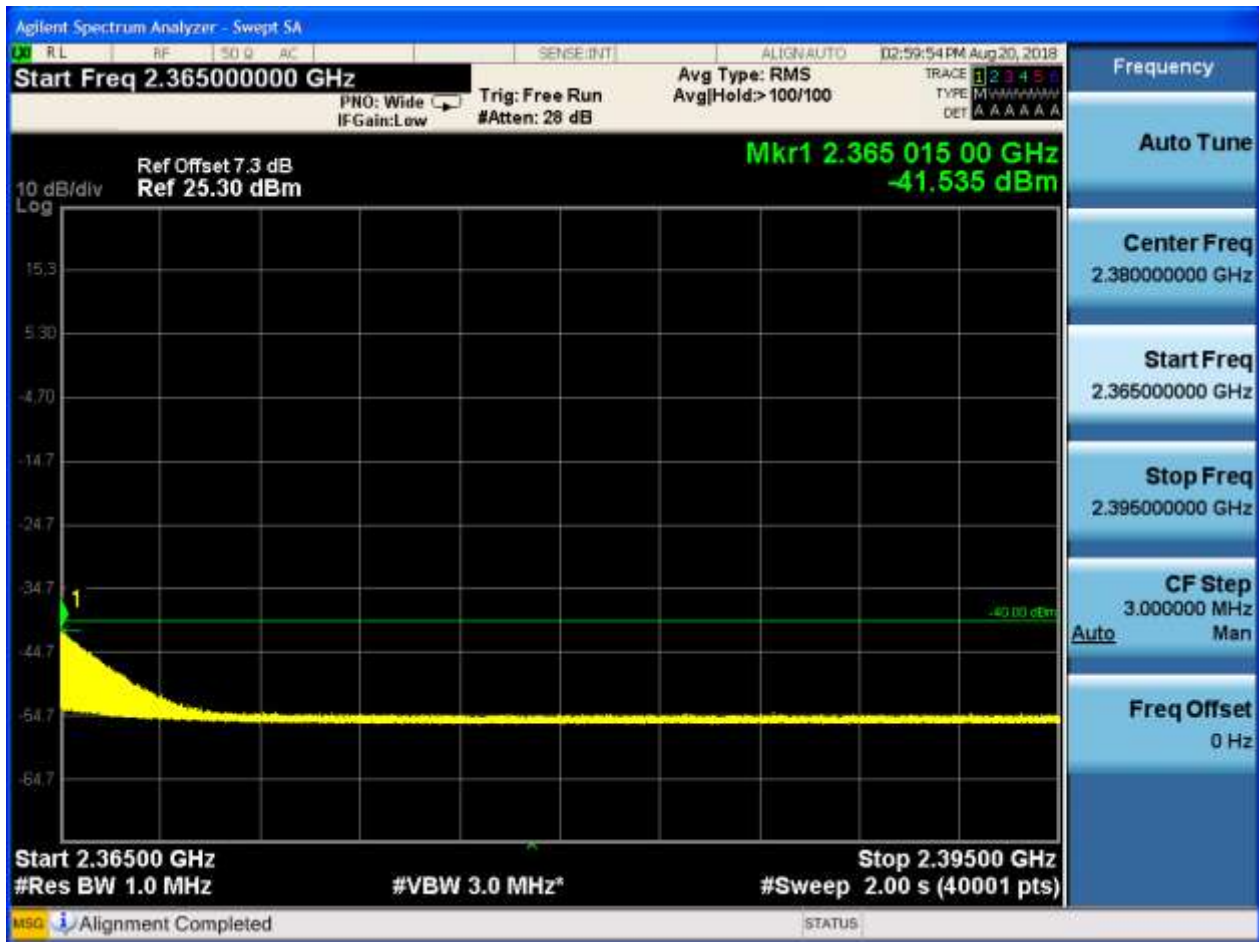








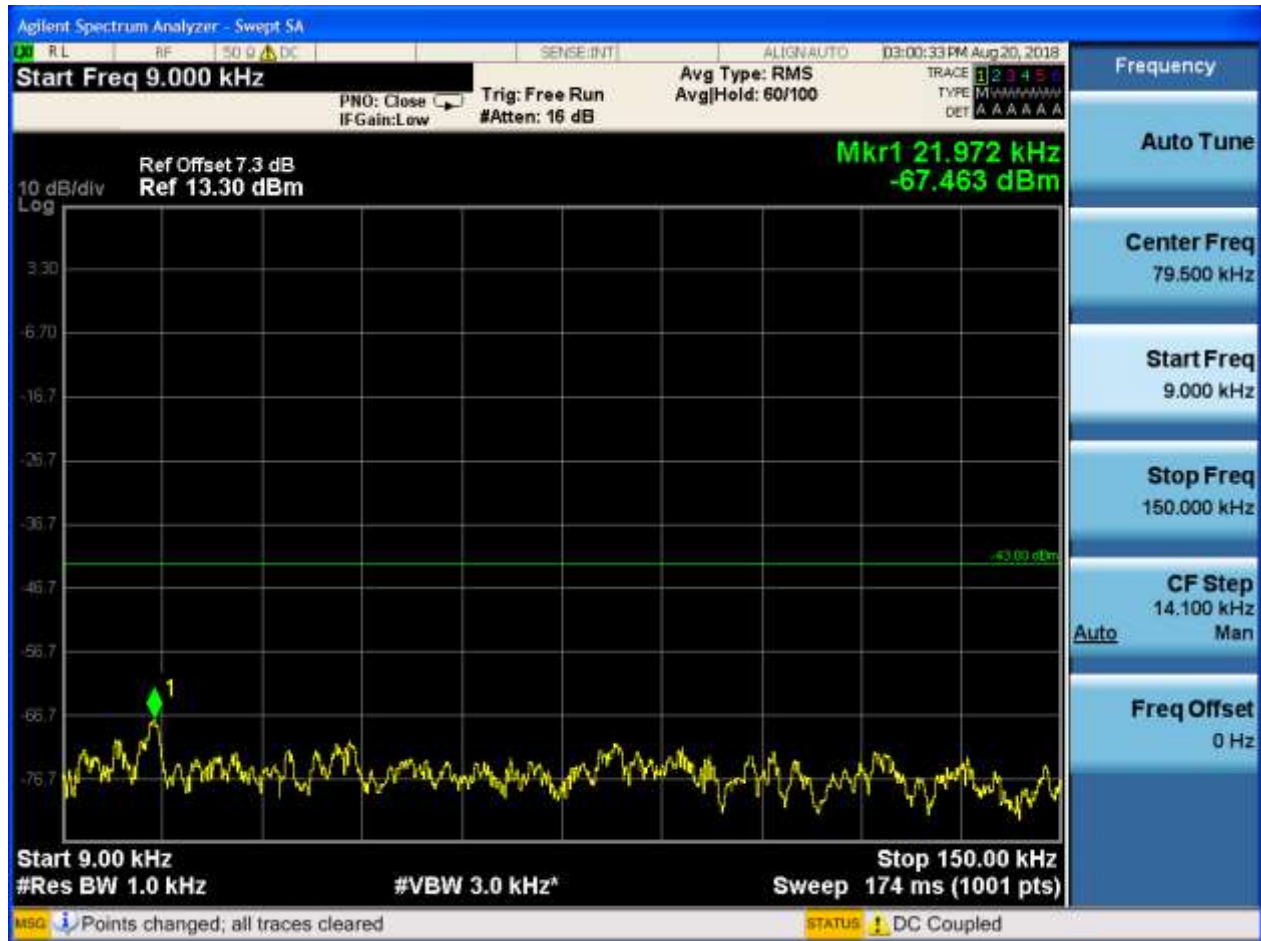


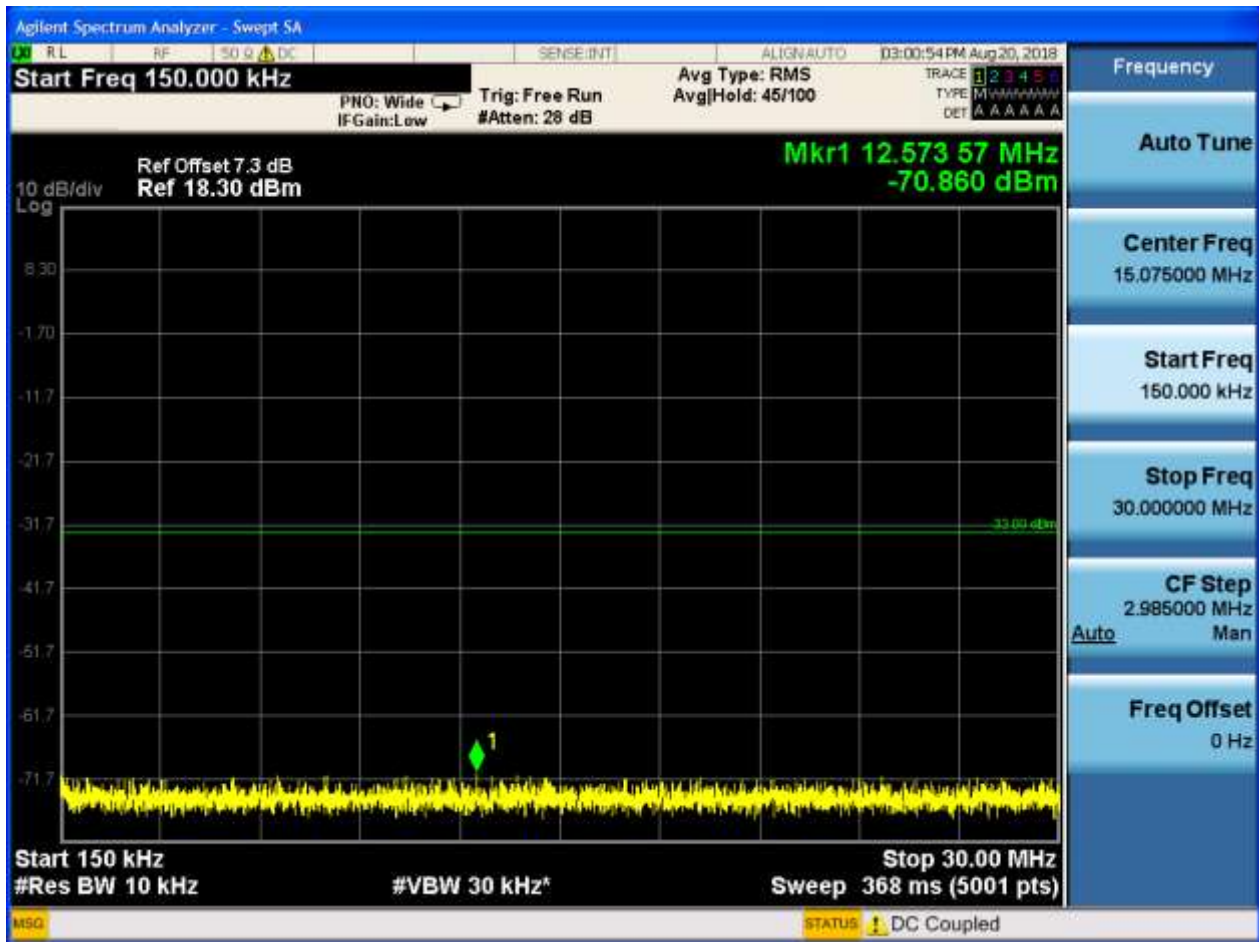




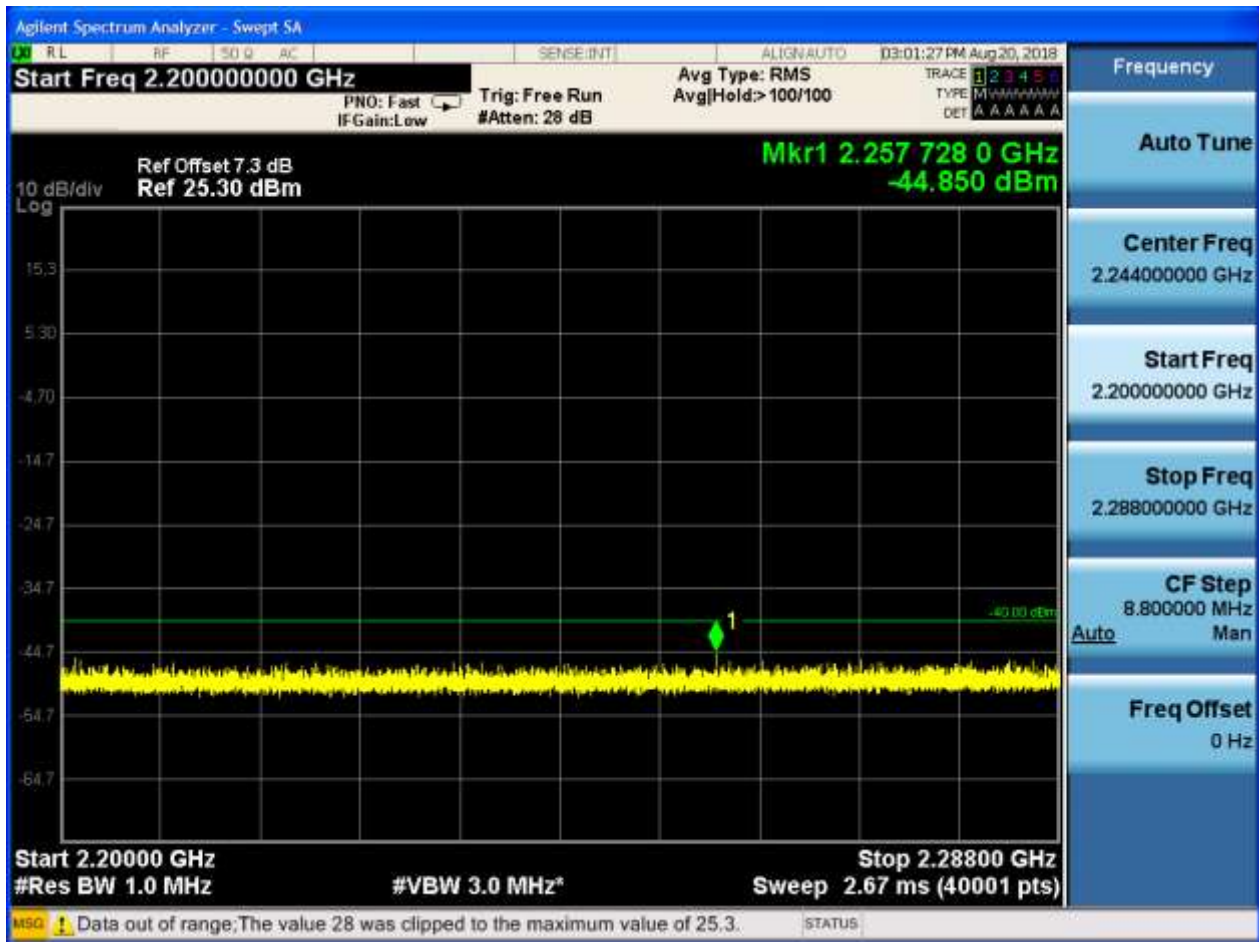
### 6.1.1.2.1.3 Test Channel = HCH

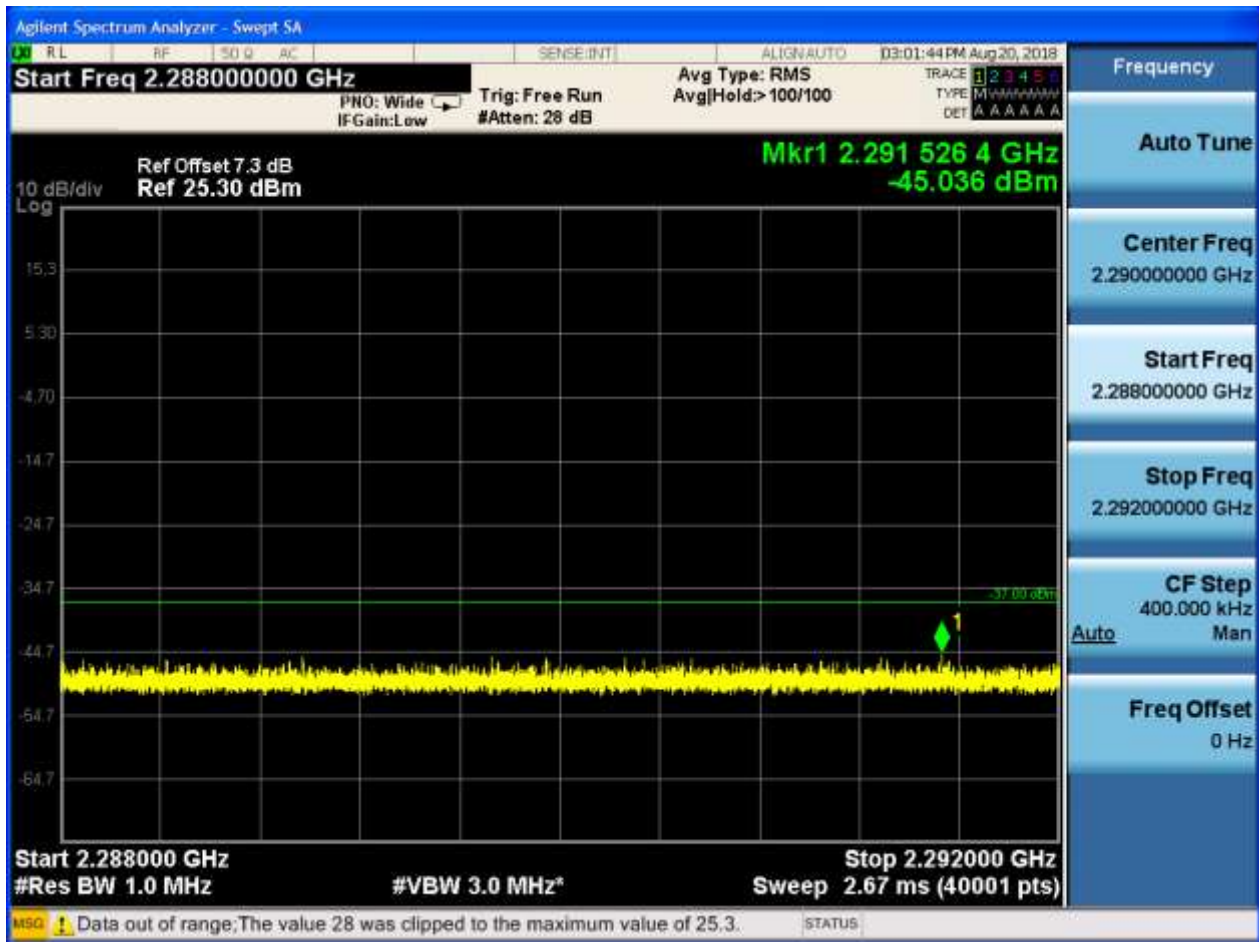
#### 6.1.1.2.1.3.1 Test RB = RB1#0



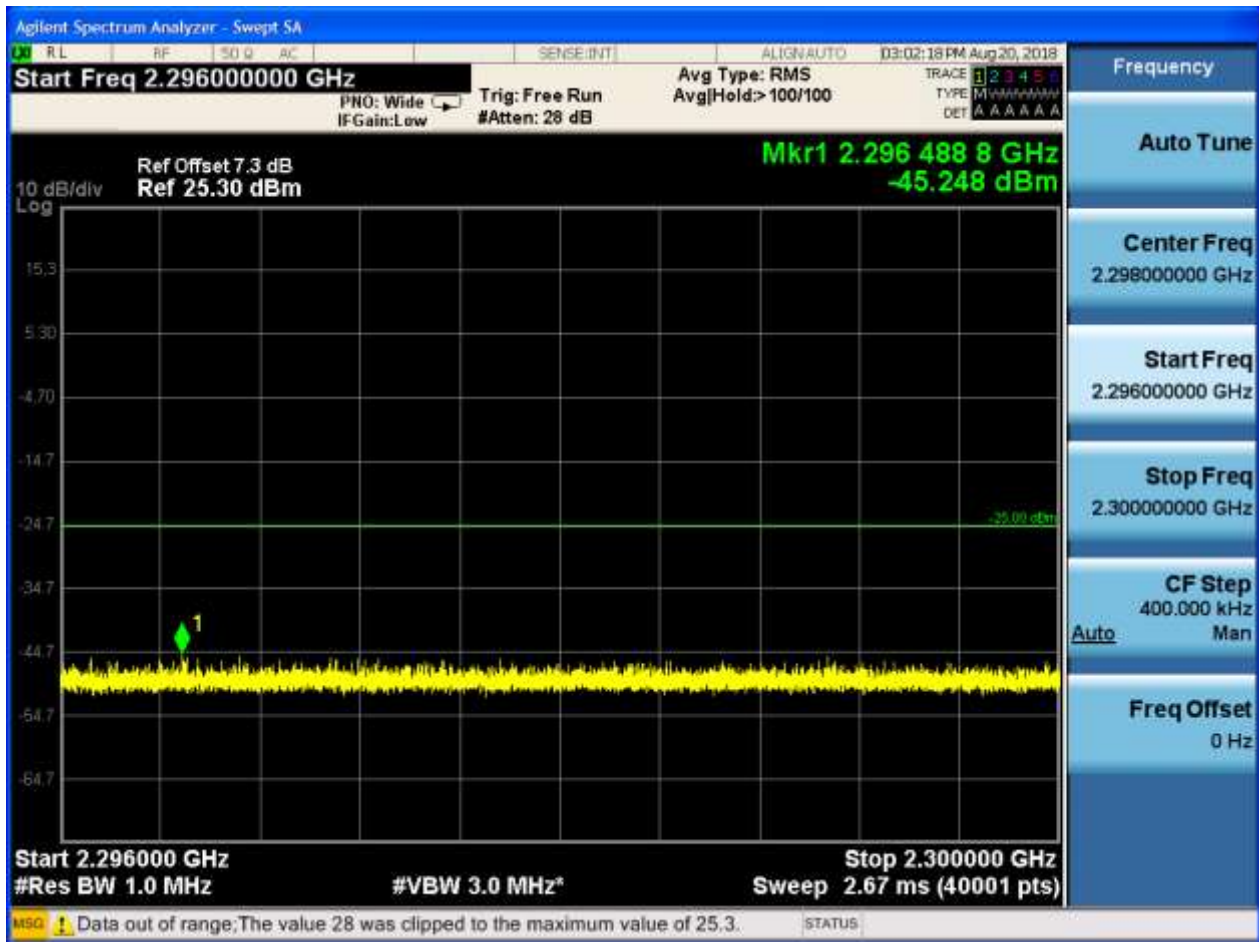


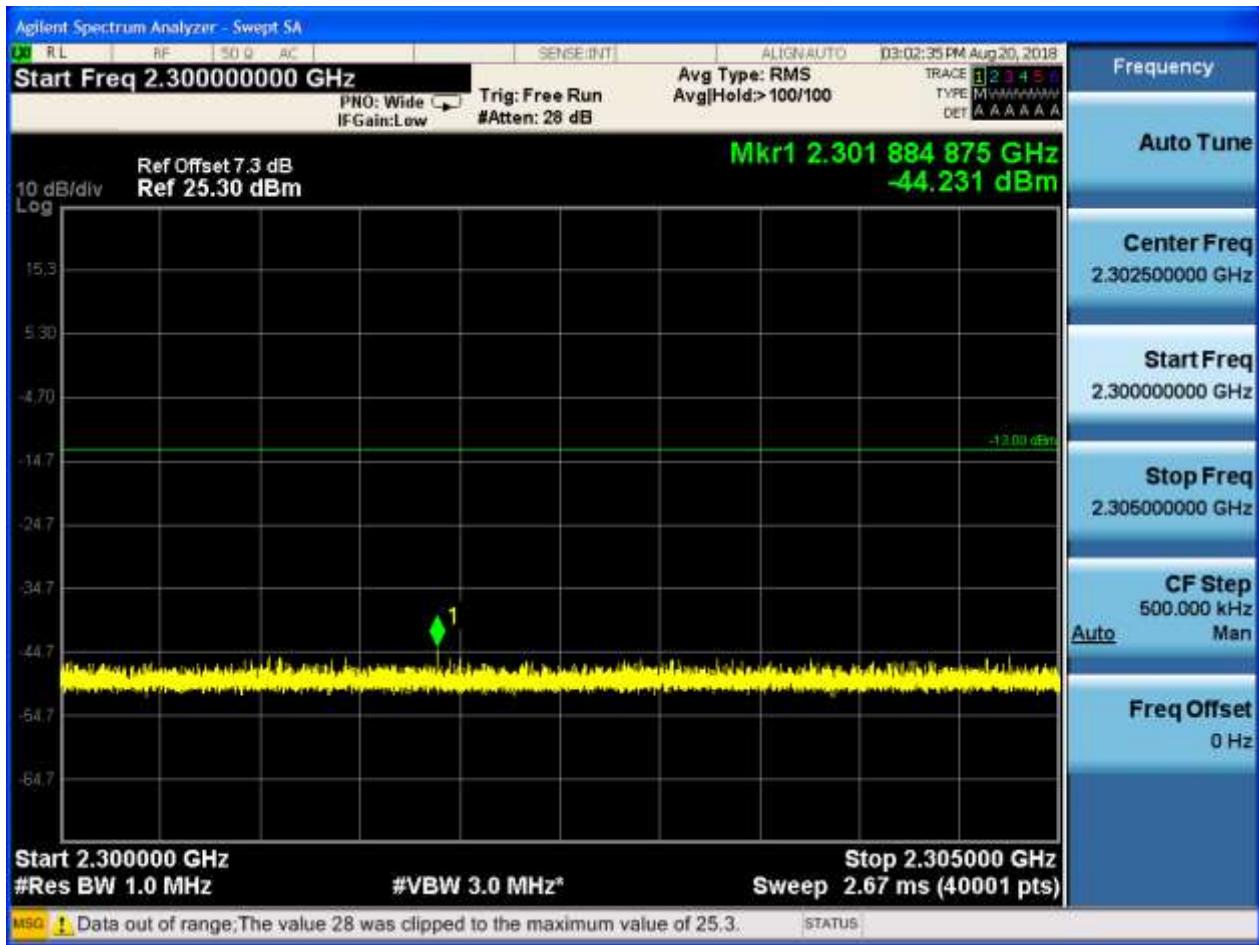


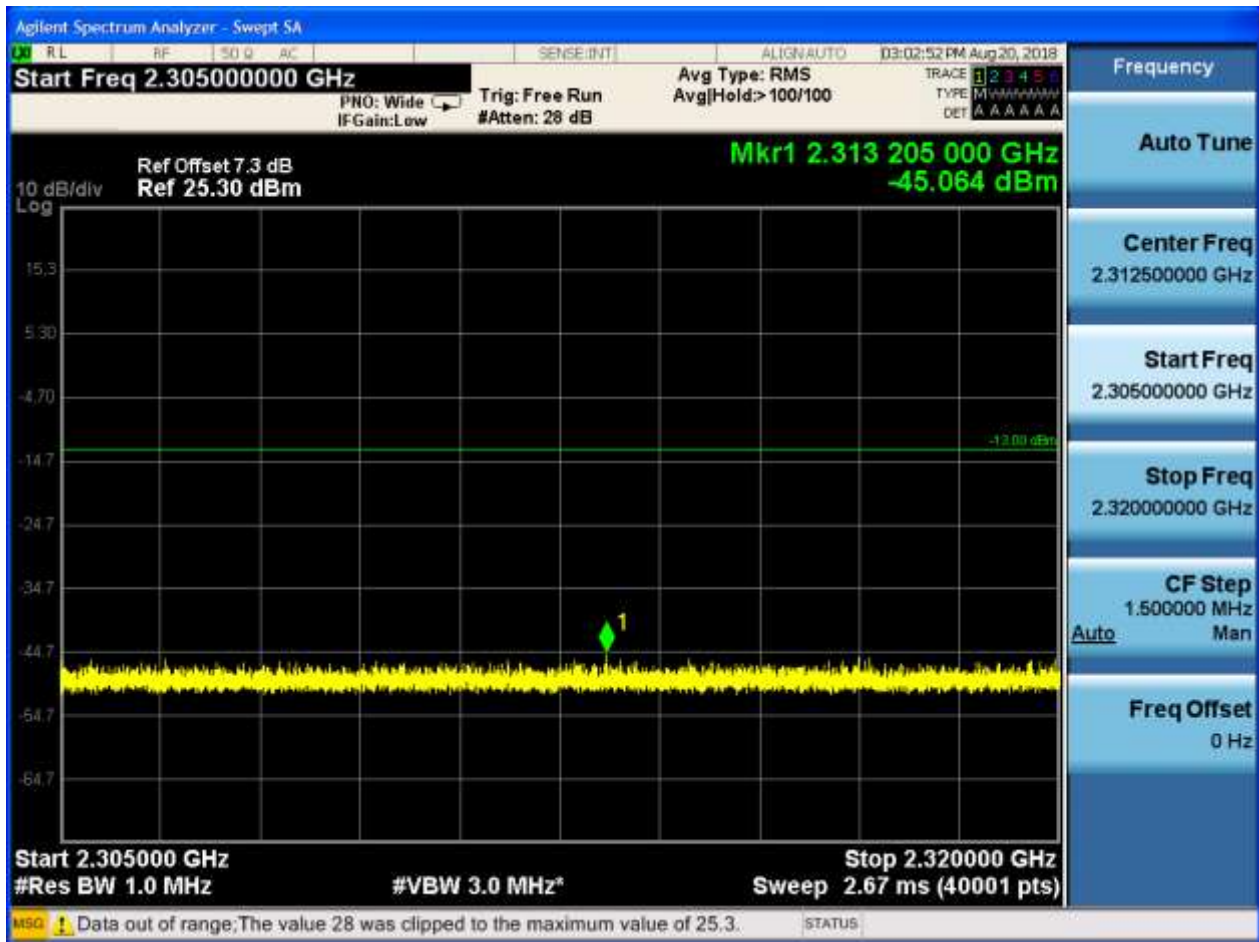






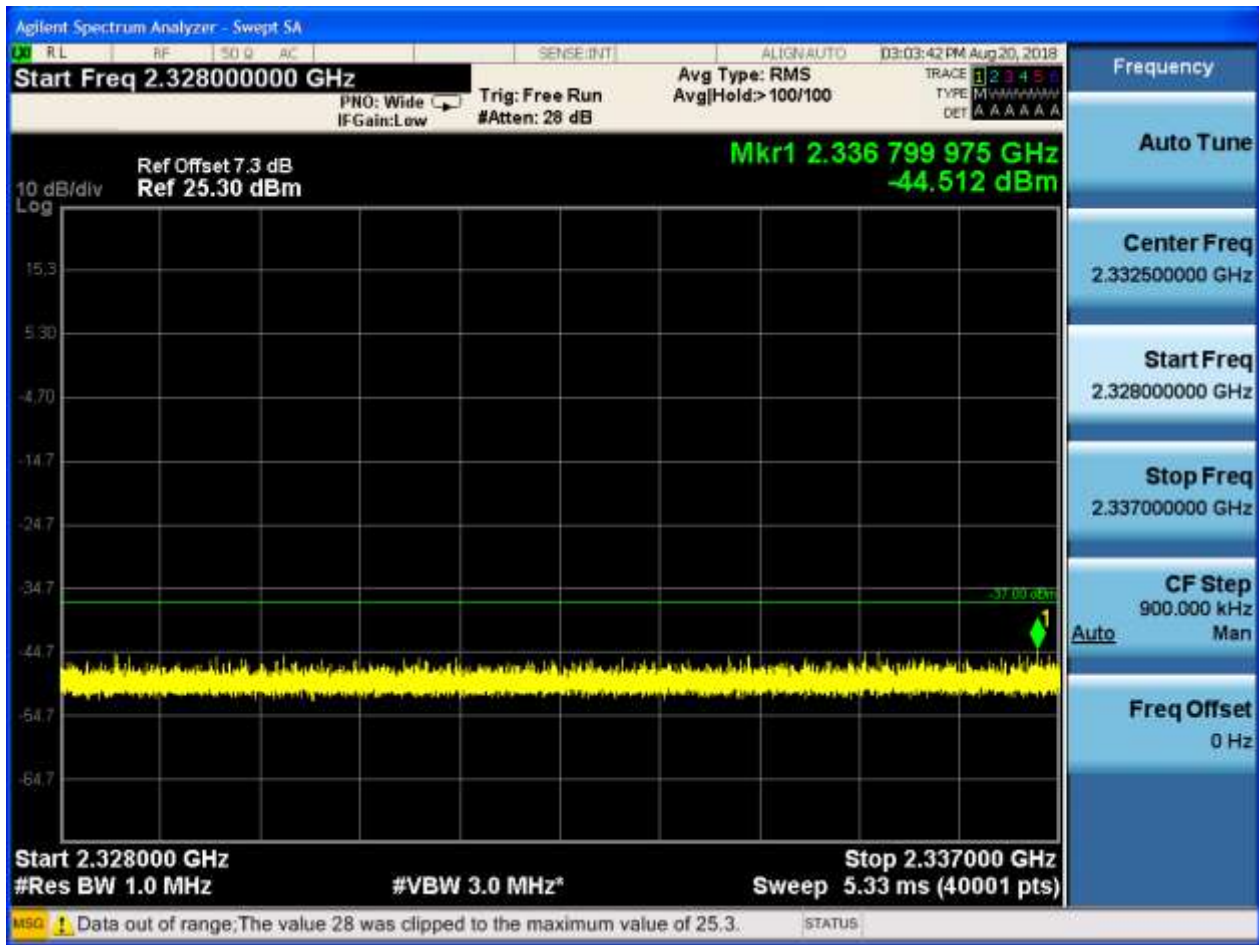


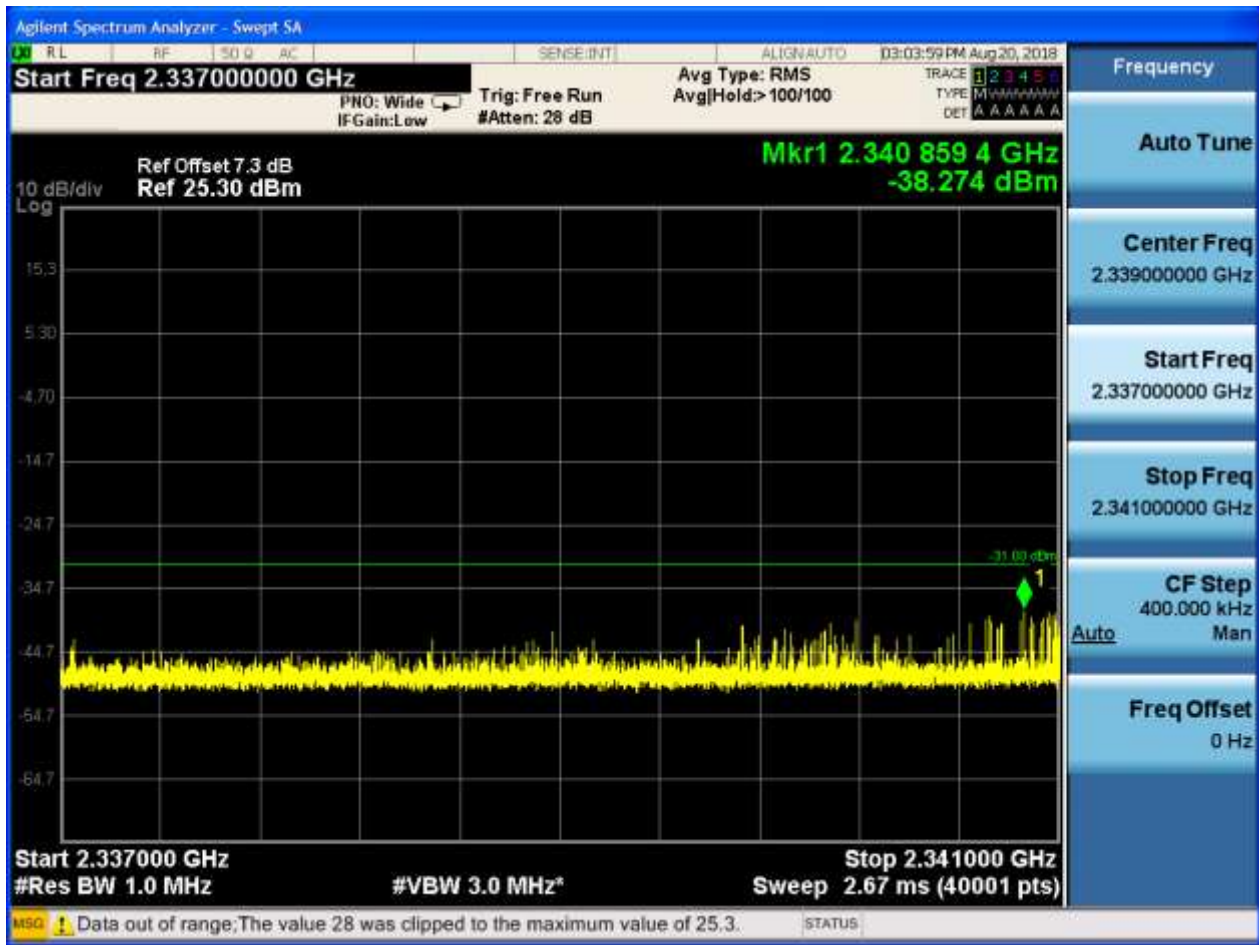






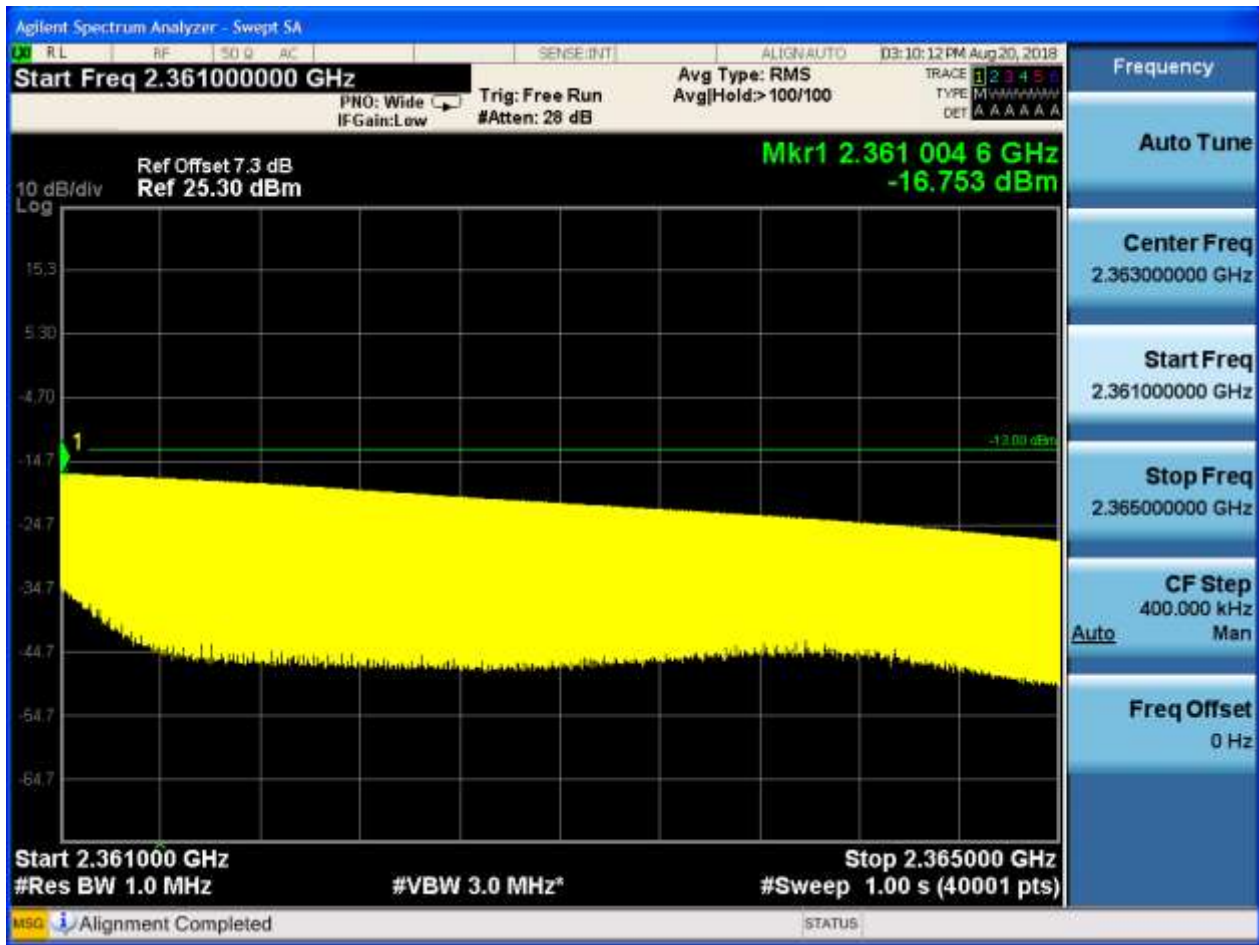


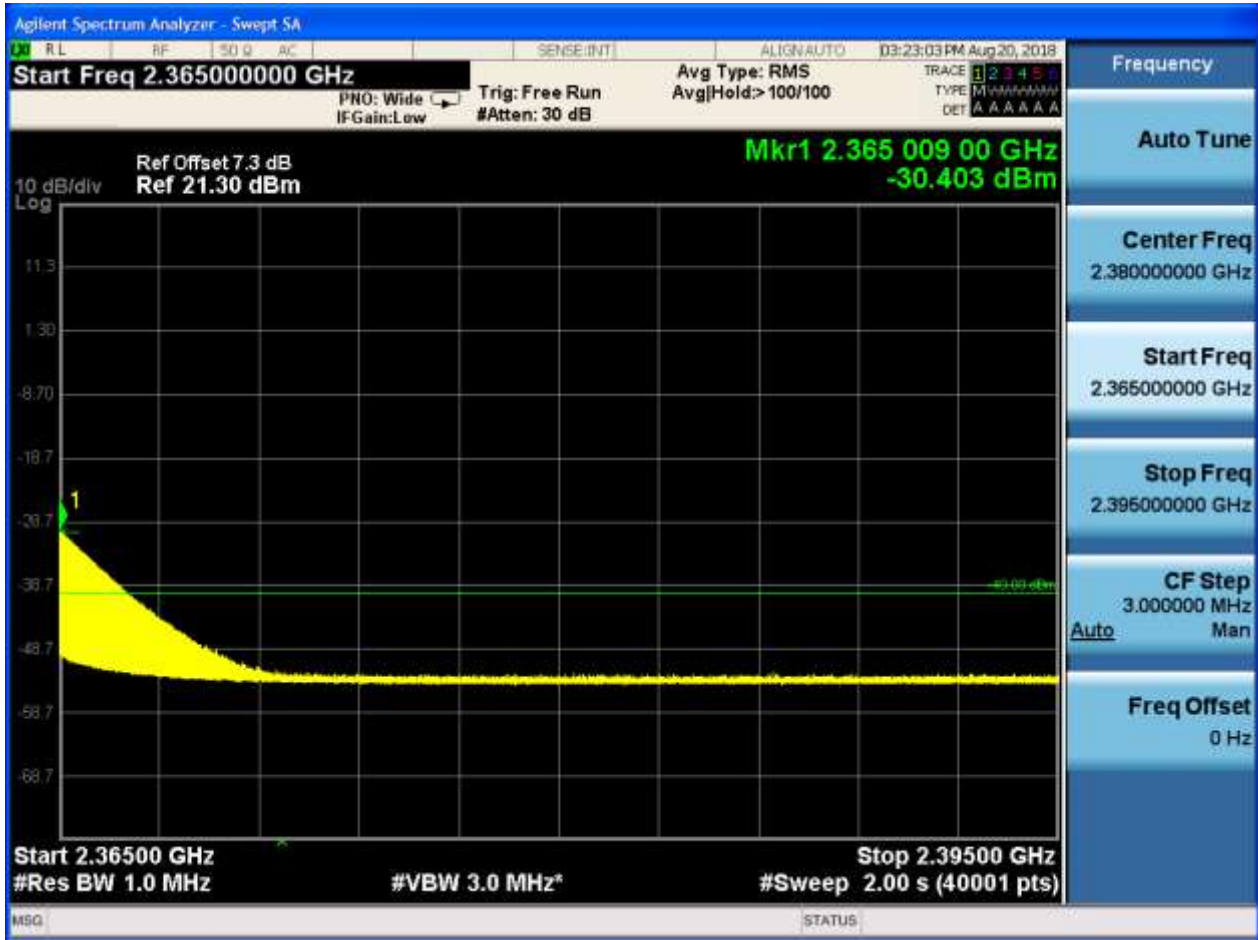












**note:** In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth is allowed to be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz 1%/2% of the occupied bandwidth, as

applicable.



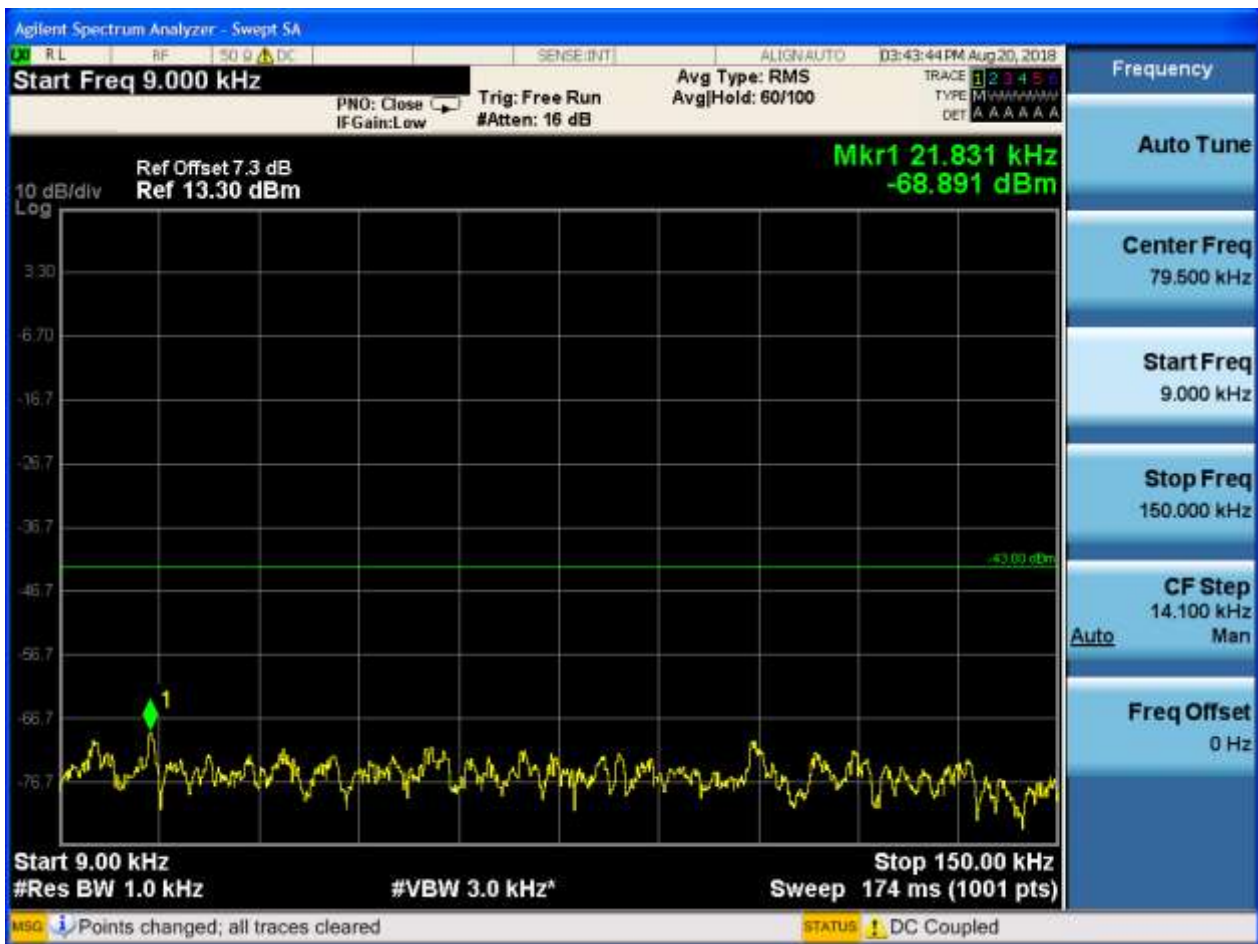


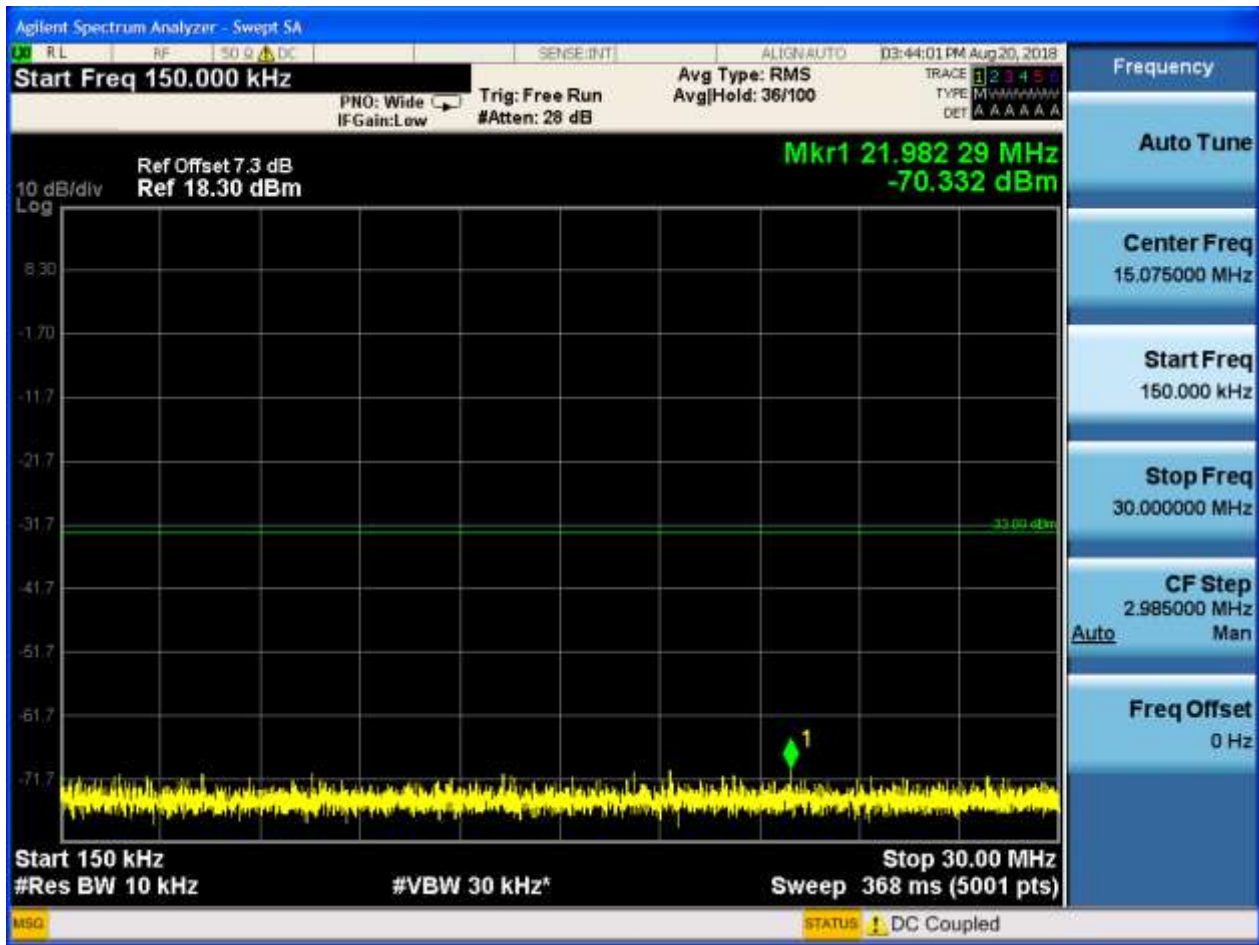


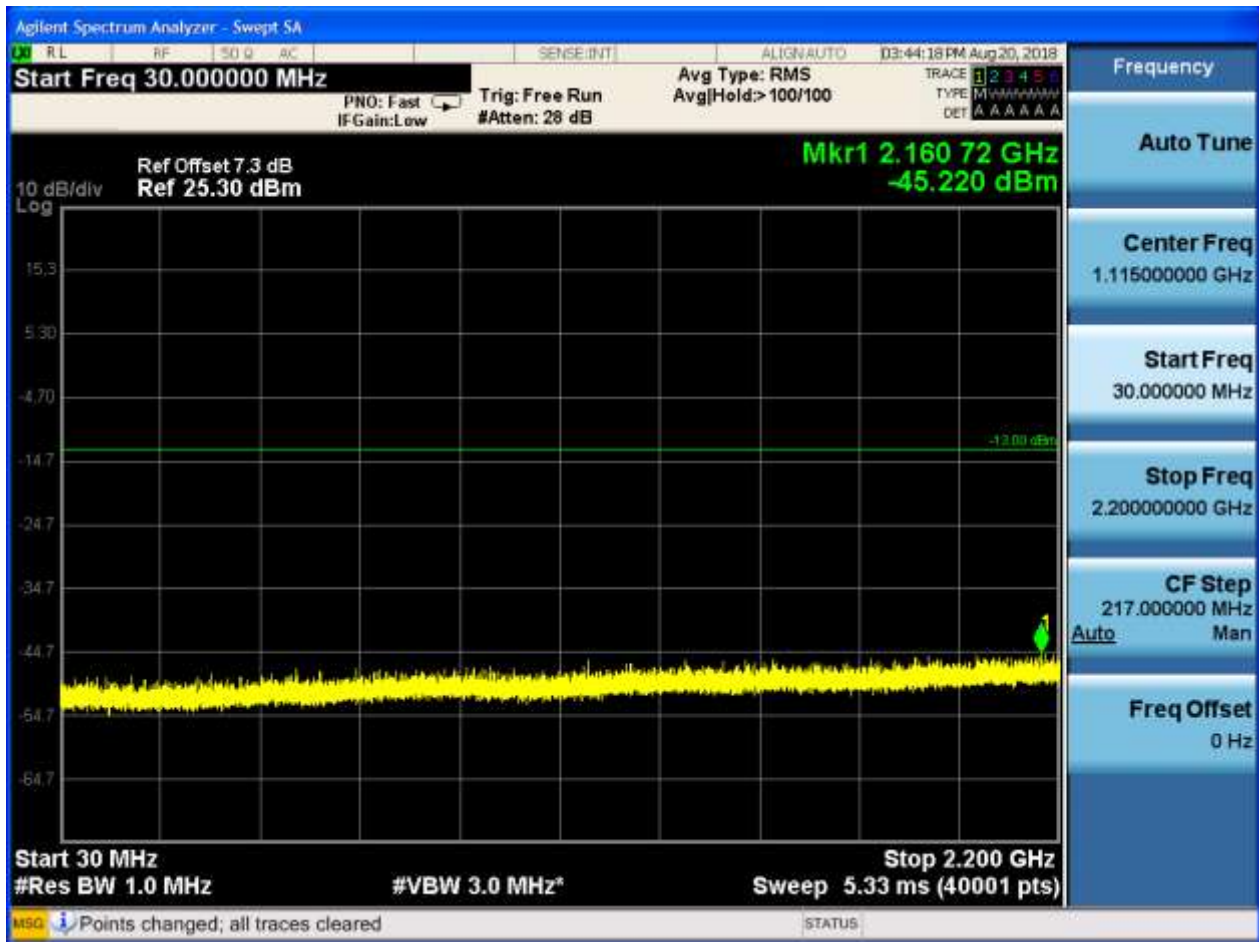
6.1.1.2.2 Test Bandwidth = 10

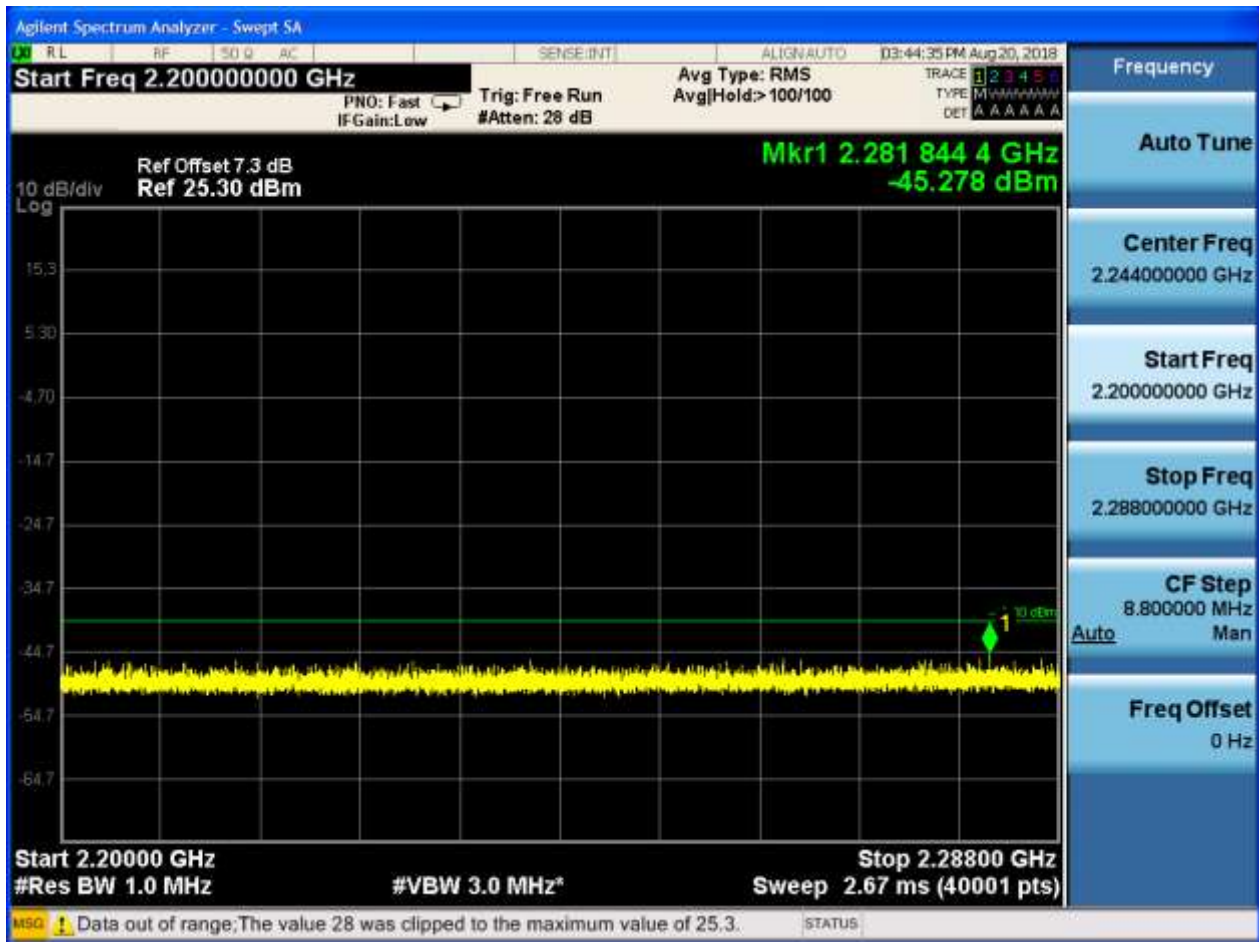
6.1.1.2.2.2 Test Channel = LCH/MCH/HCH

6.1.1.2.2.2.1 Test RB = RB1#0

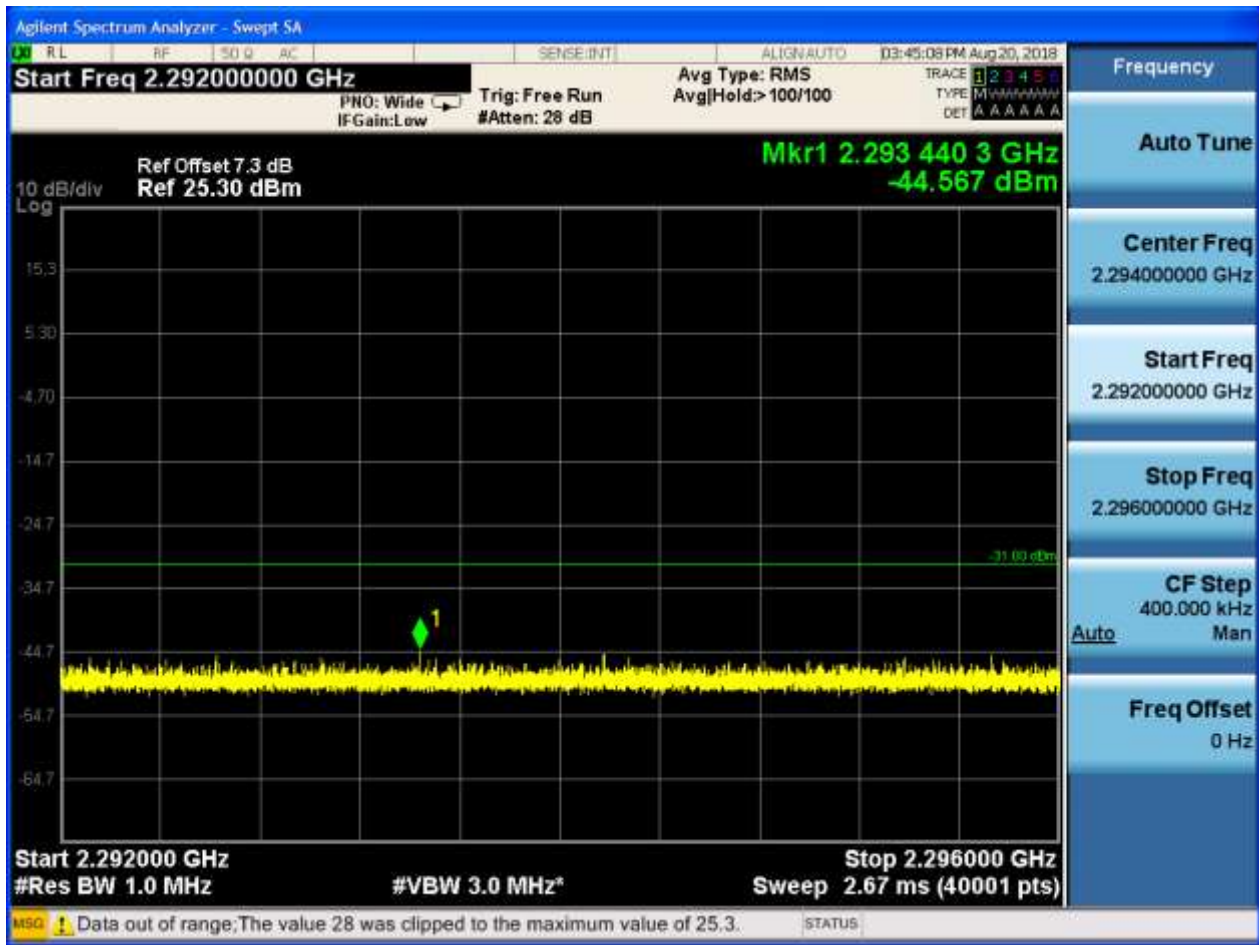


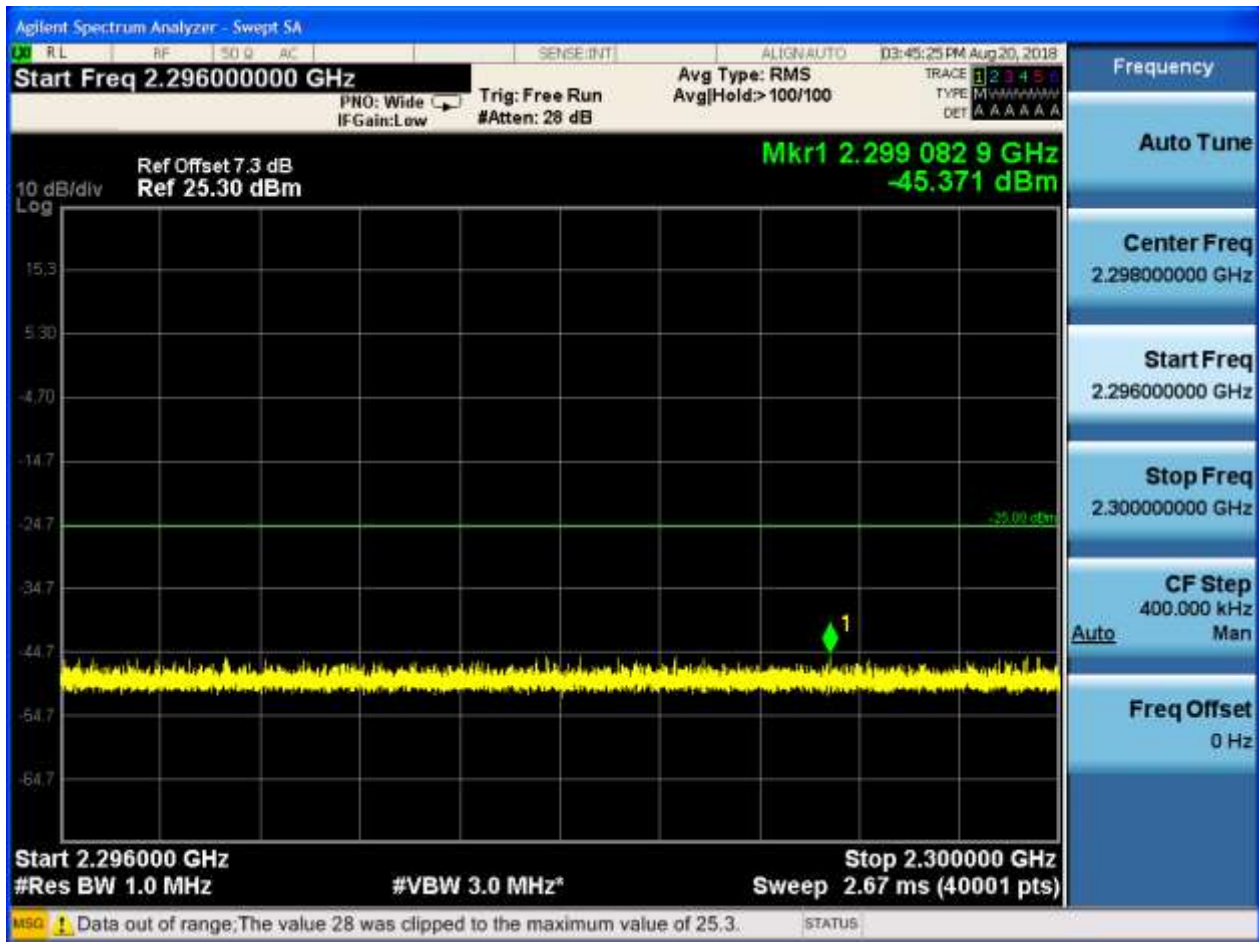


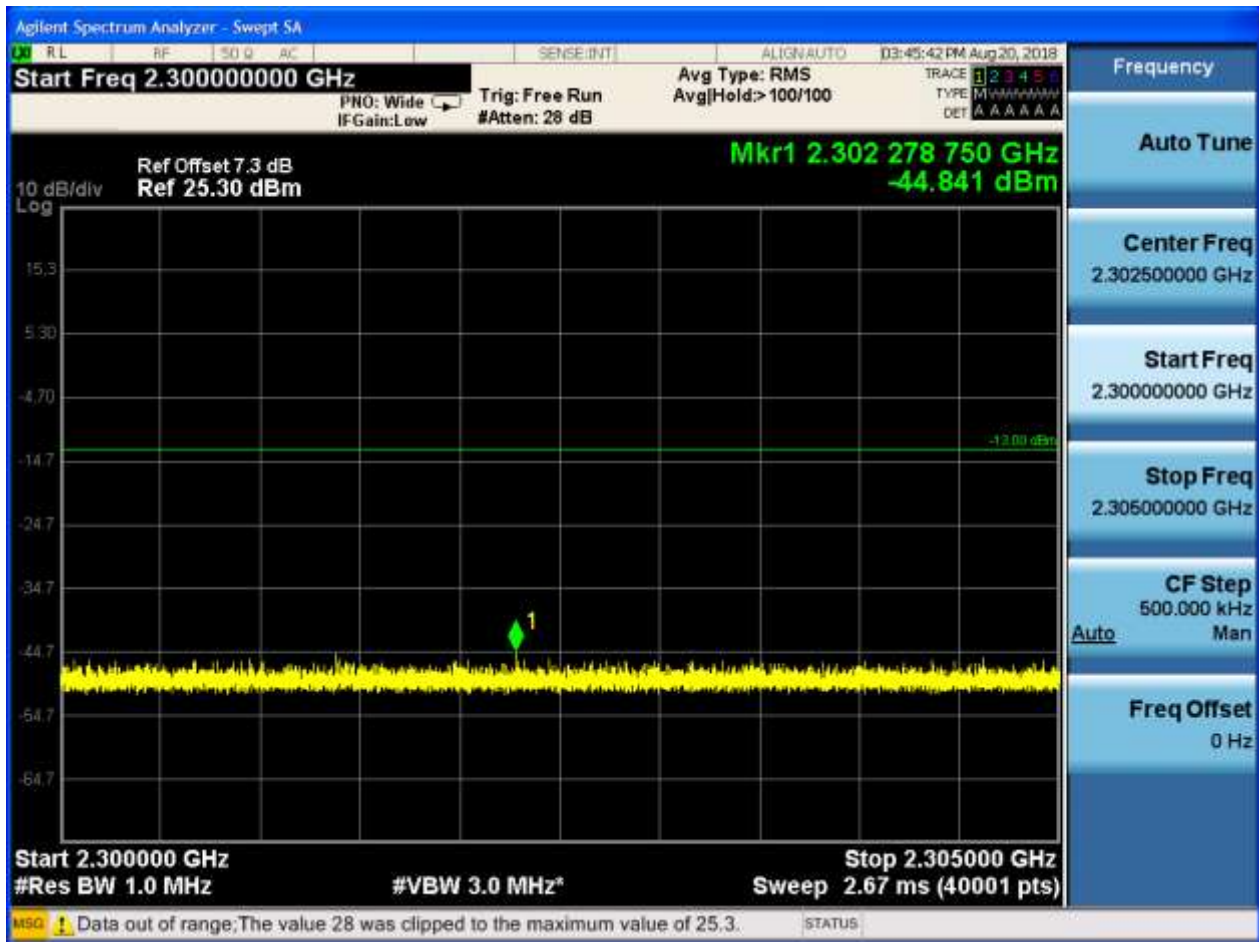


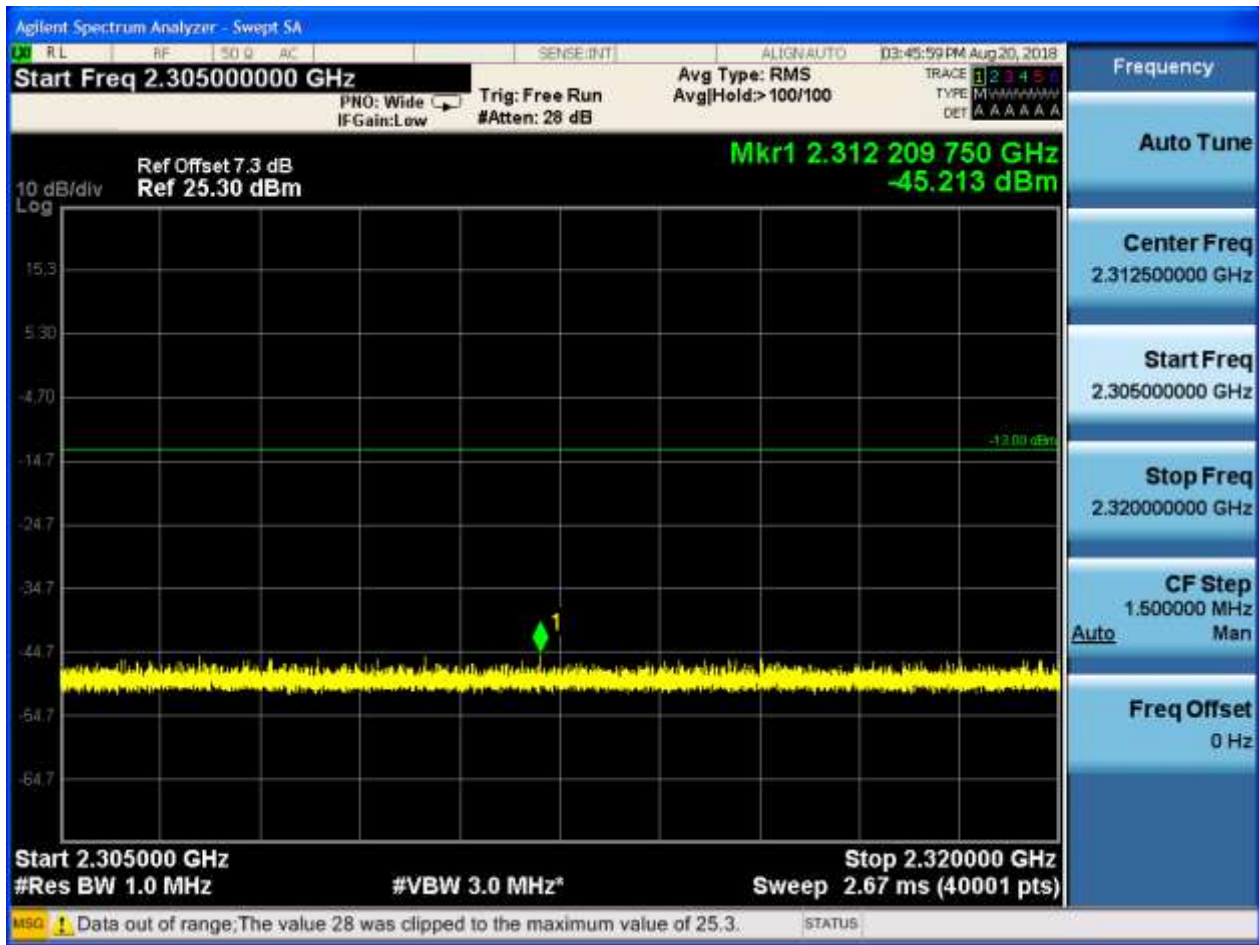




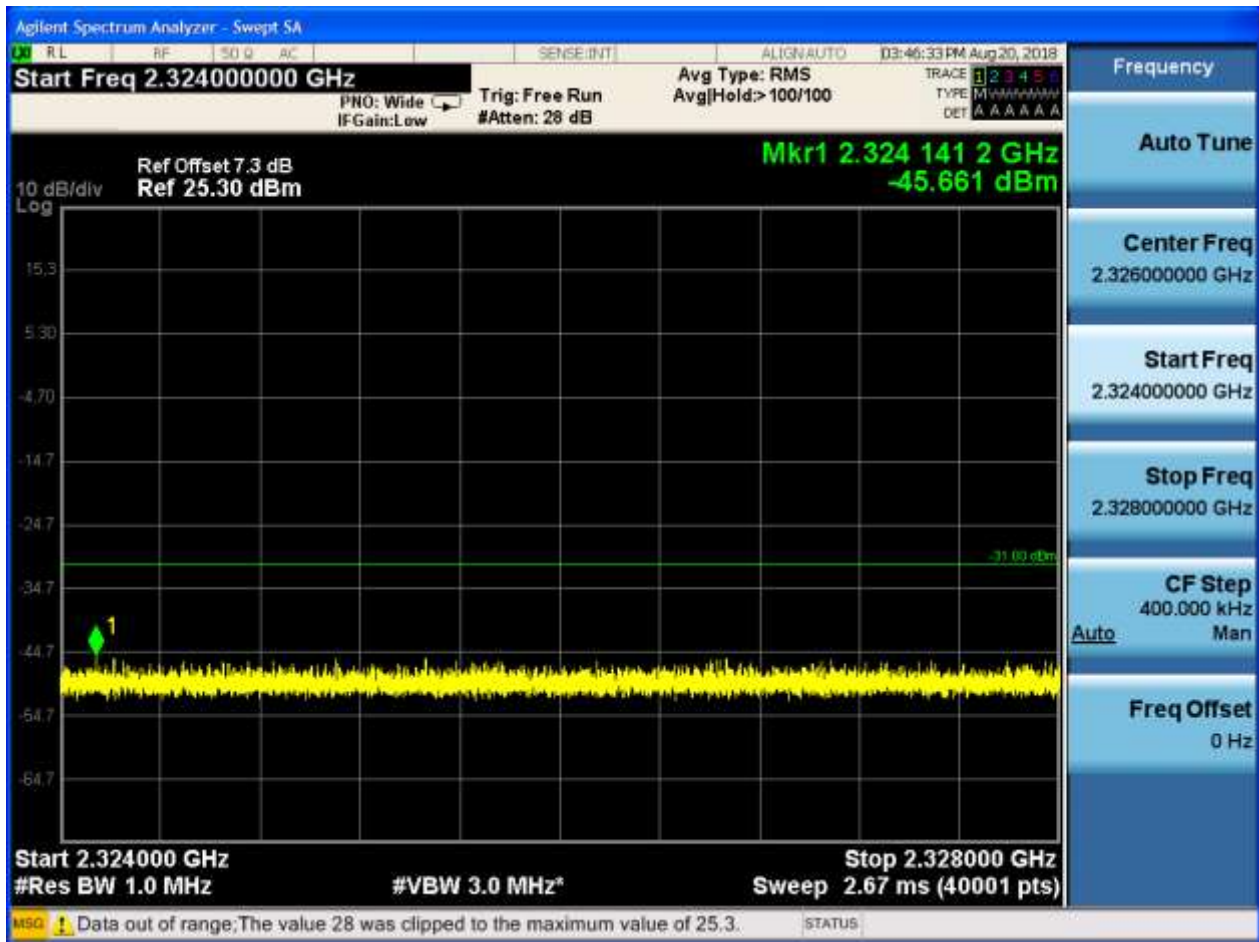




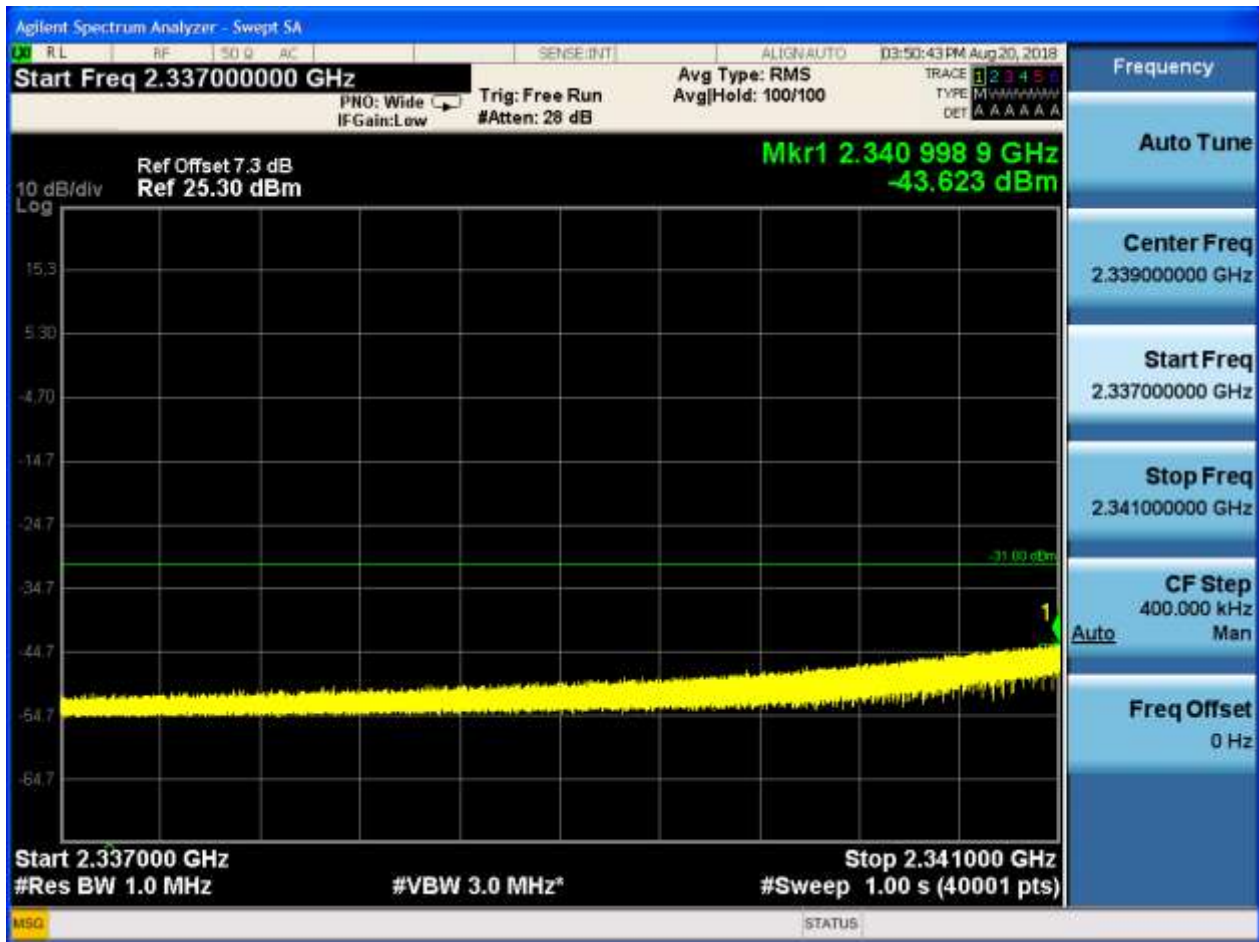


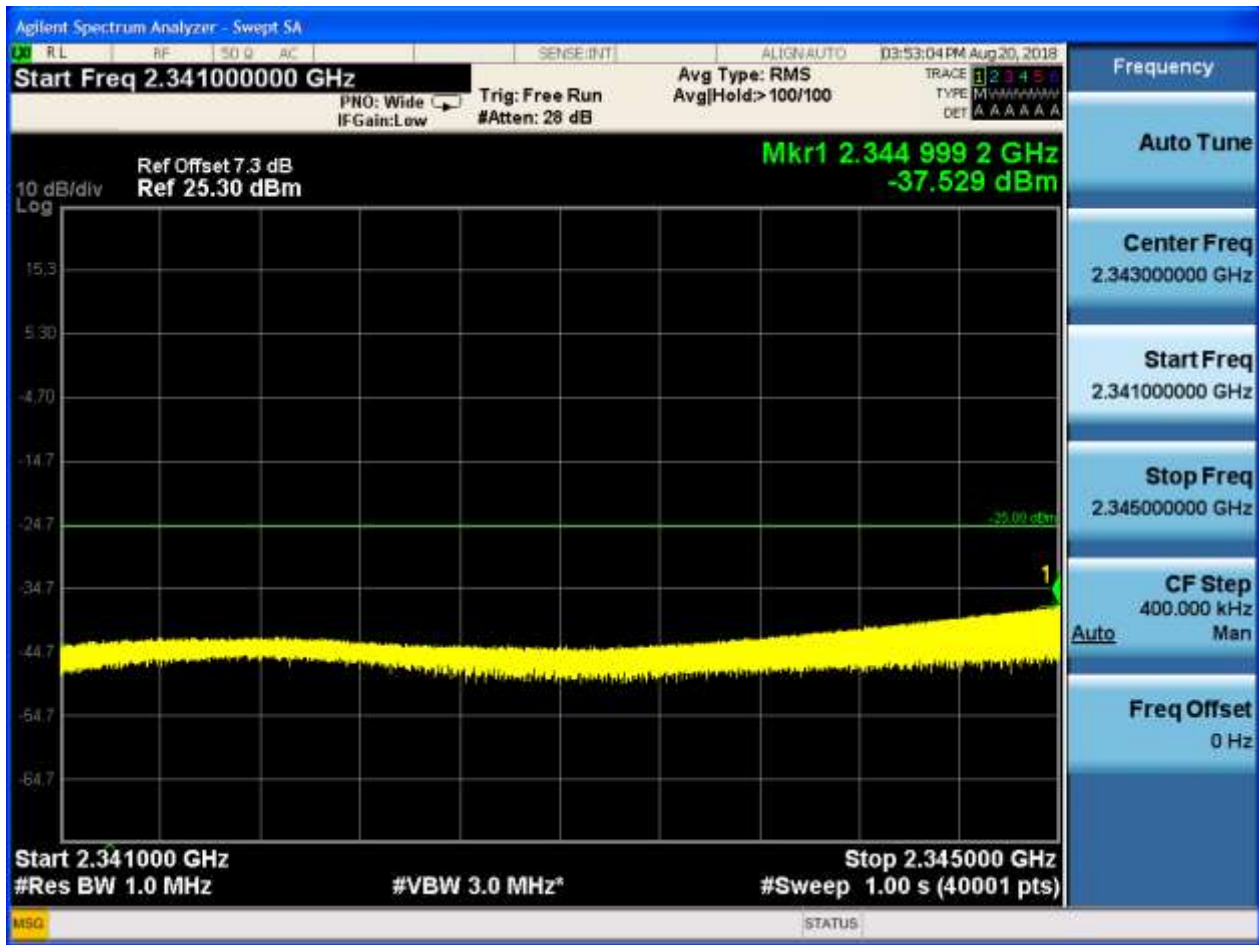


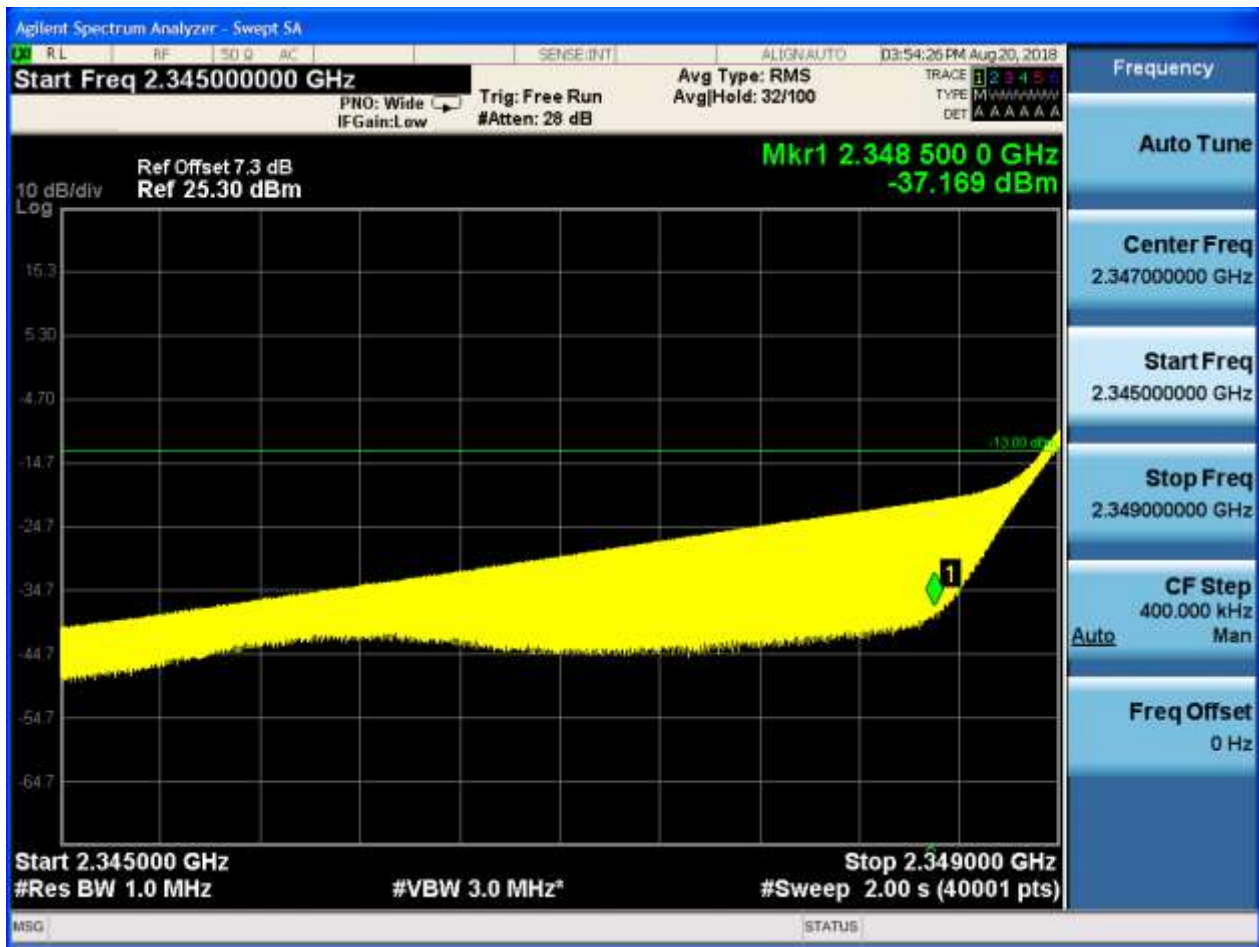


















## 7Appendix\_G: Field Strength of Spurious Radiation

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

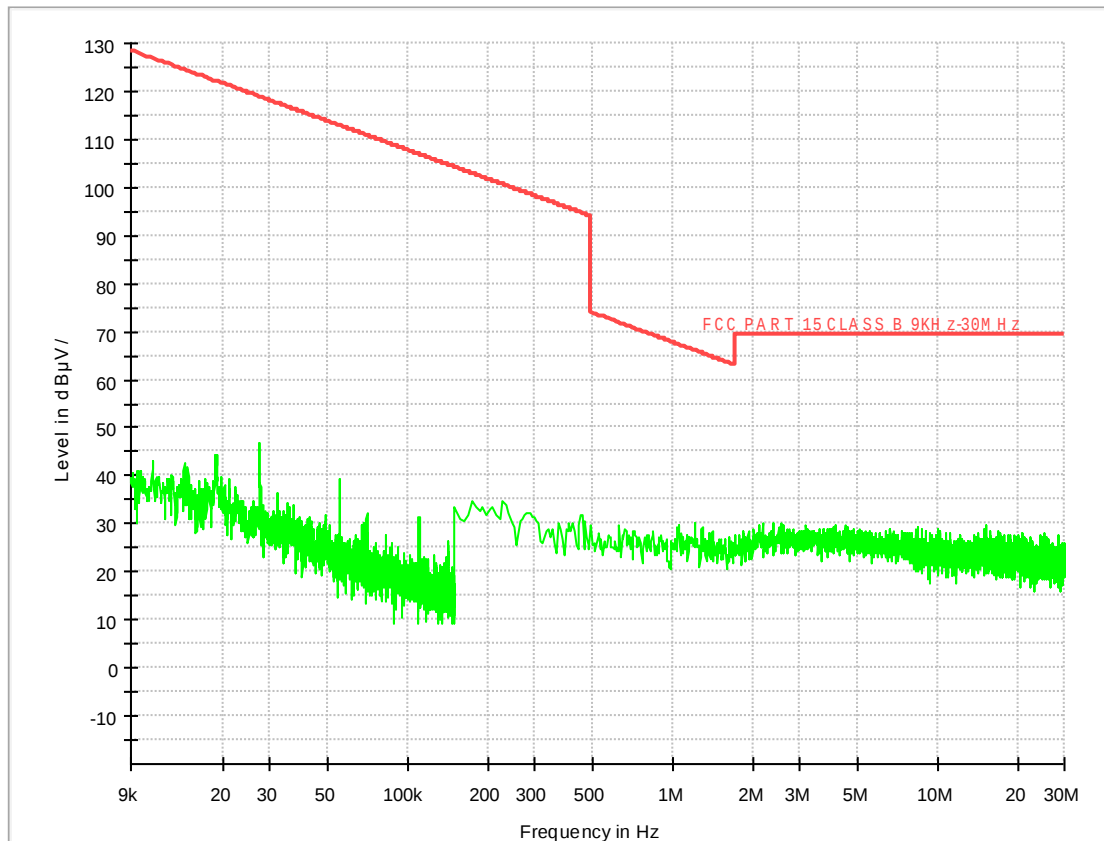
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

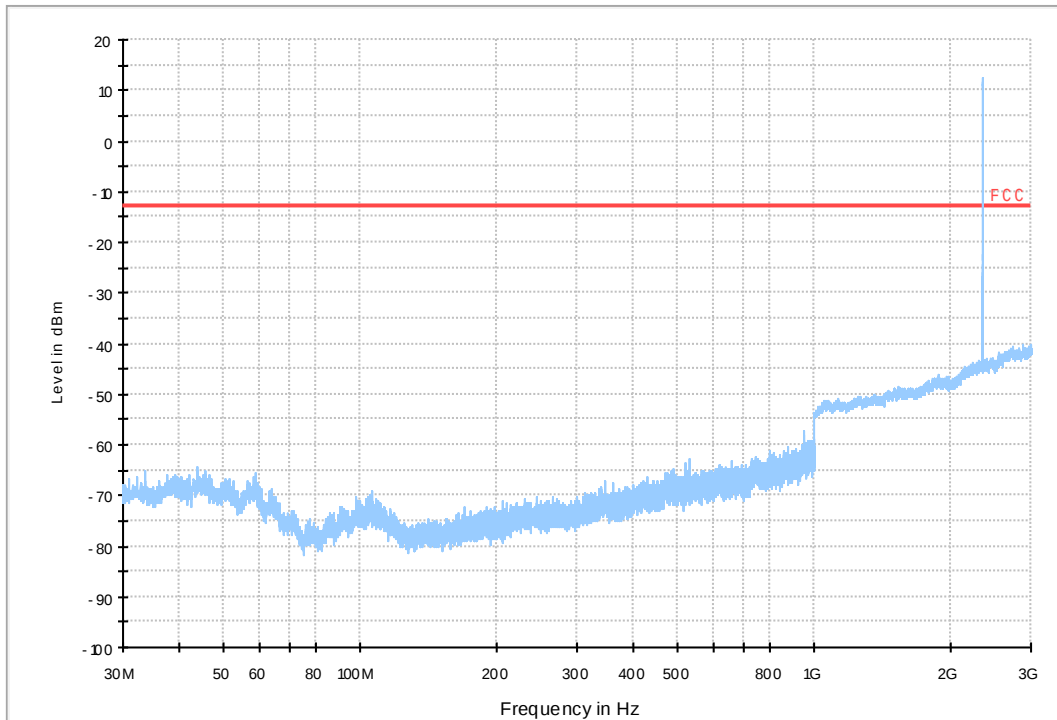
#### 7.1 For LTE

##### 7.1.1 Test Band = B40\_ANT1

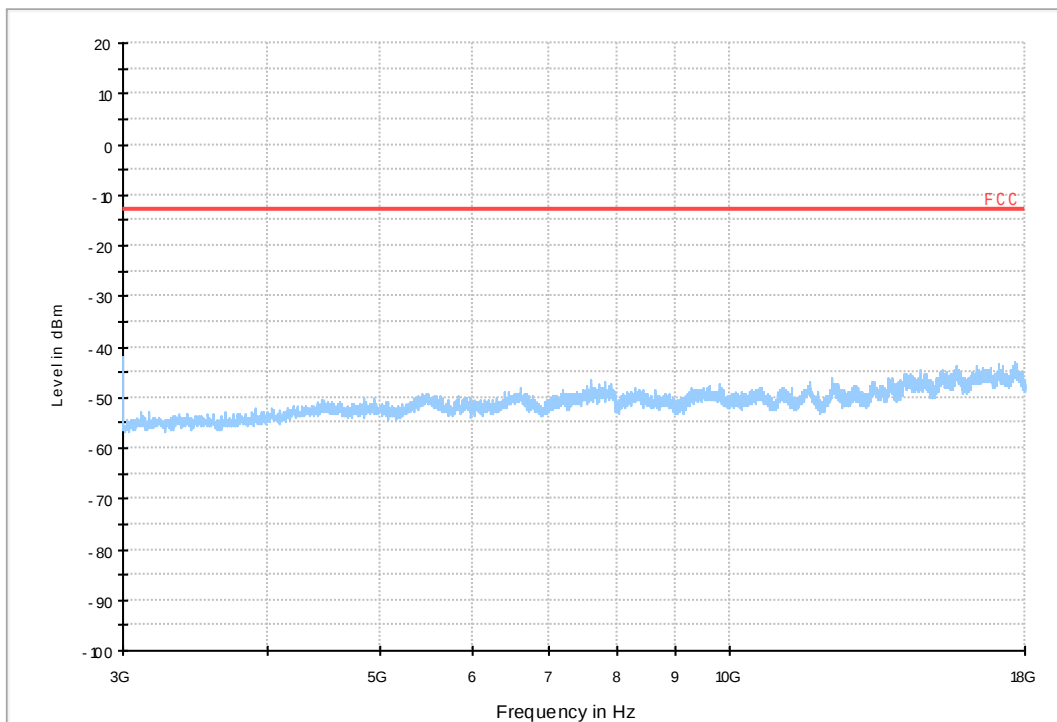
##### 7.1.1.1 Test Bandwidth = 5



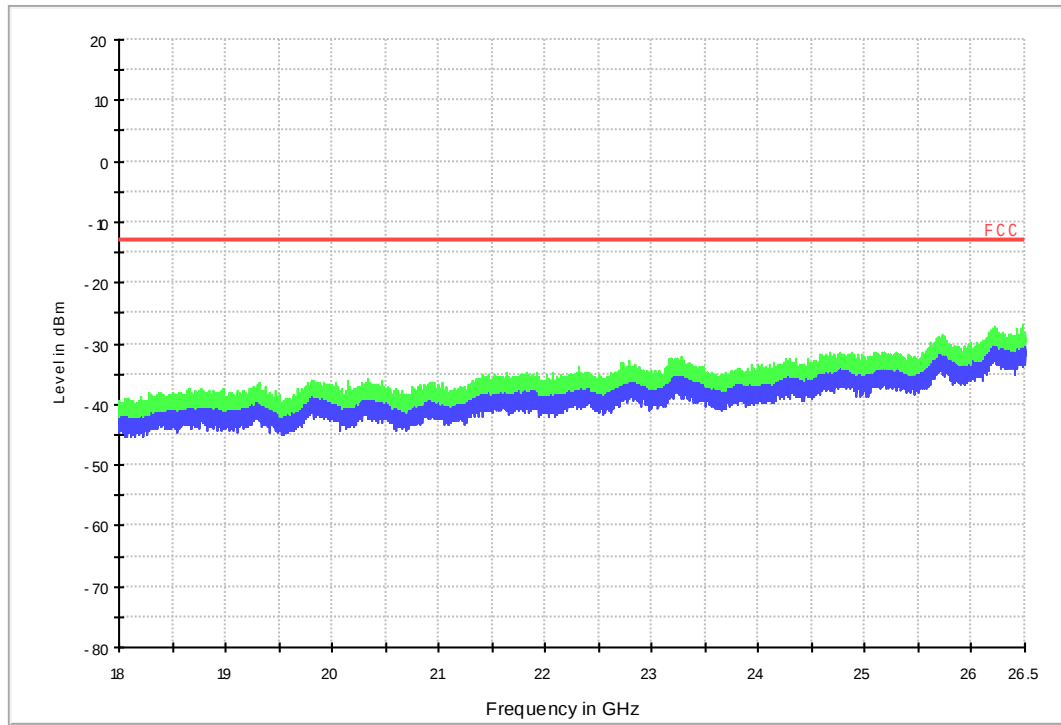
LTETDD Band 33~Band 48 RSE-TX-DIRECTOR ABOVE 1.5G\_L



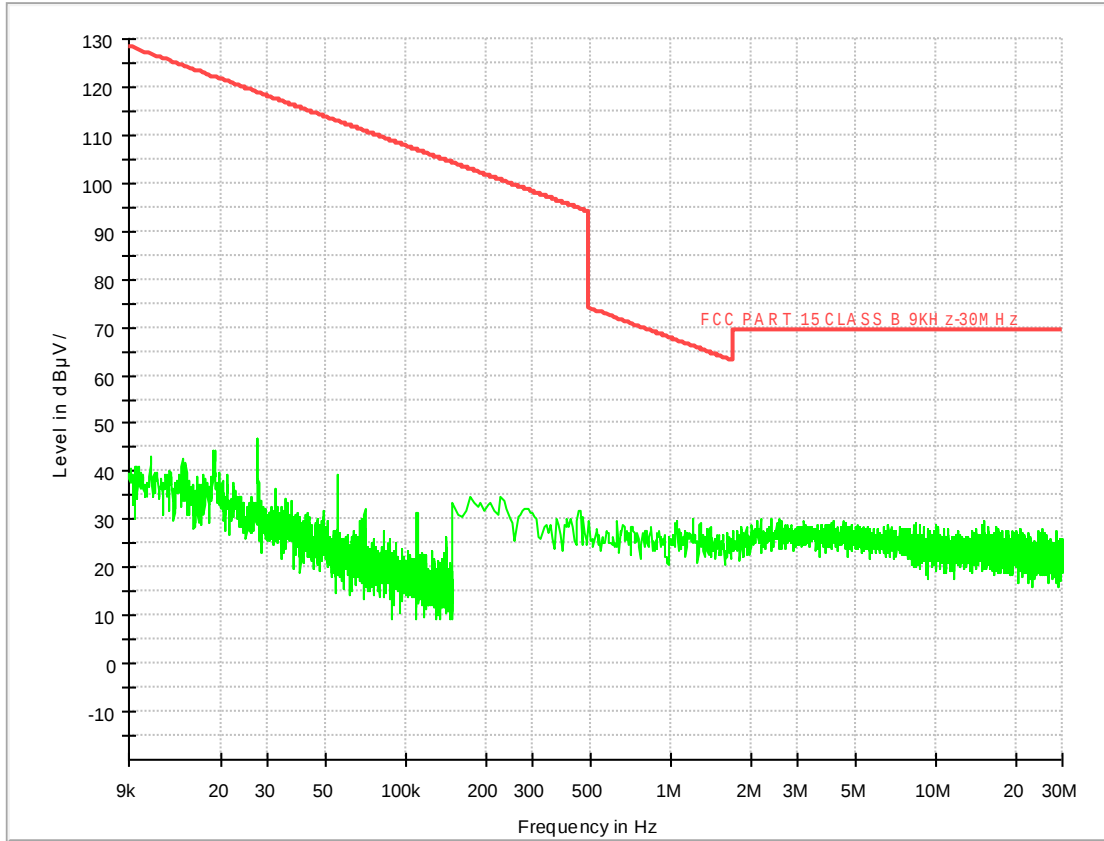
LTETDD Band 33~band48 RSE-TX-DIRECTOR ABOVE 1.5G\_H



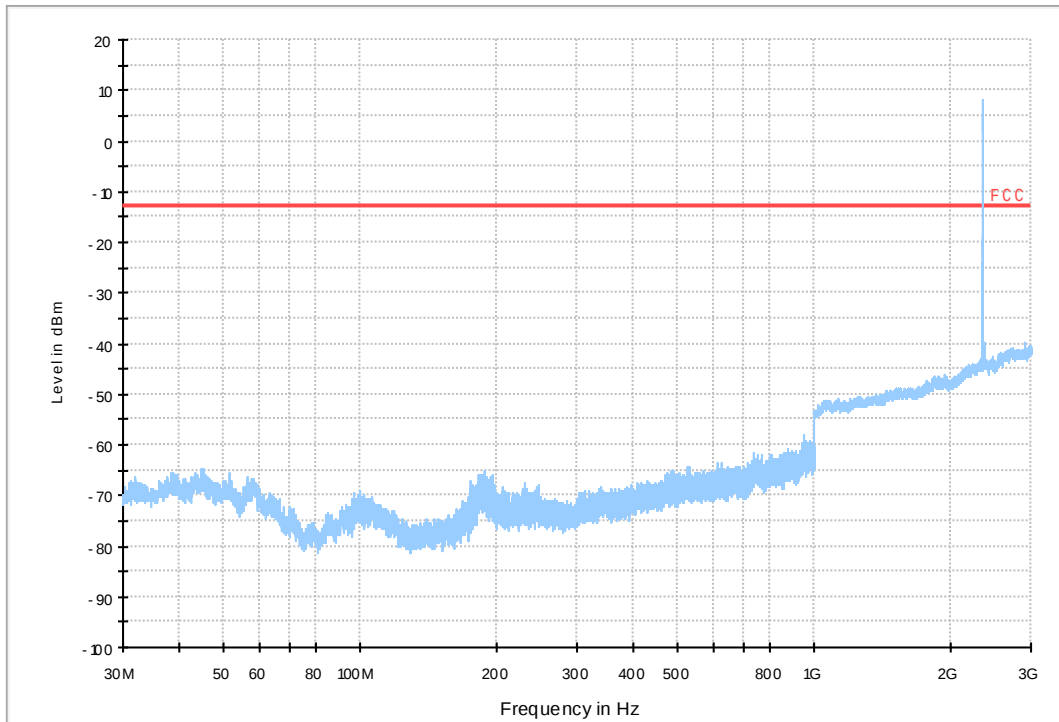
## 18G~26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



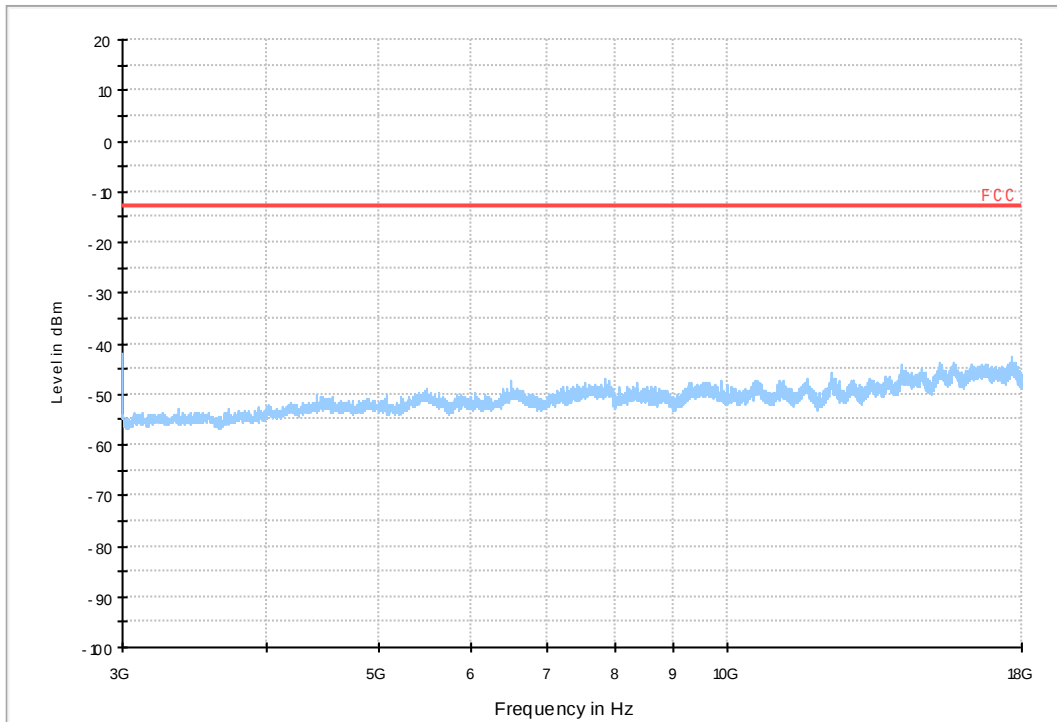
### 7.1.1.2 Test Bandwidth = 10



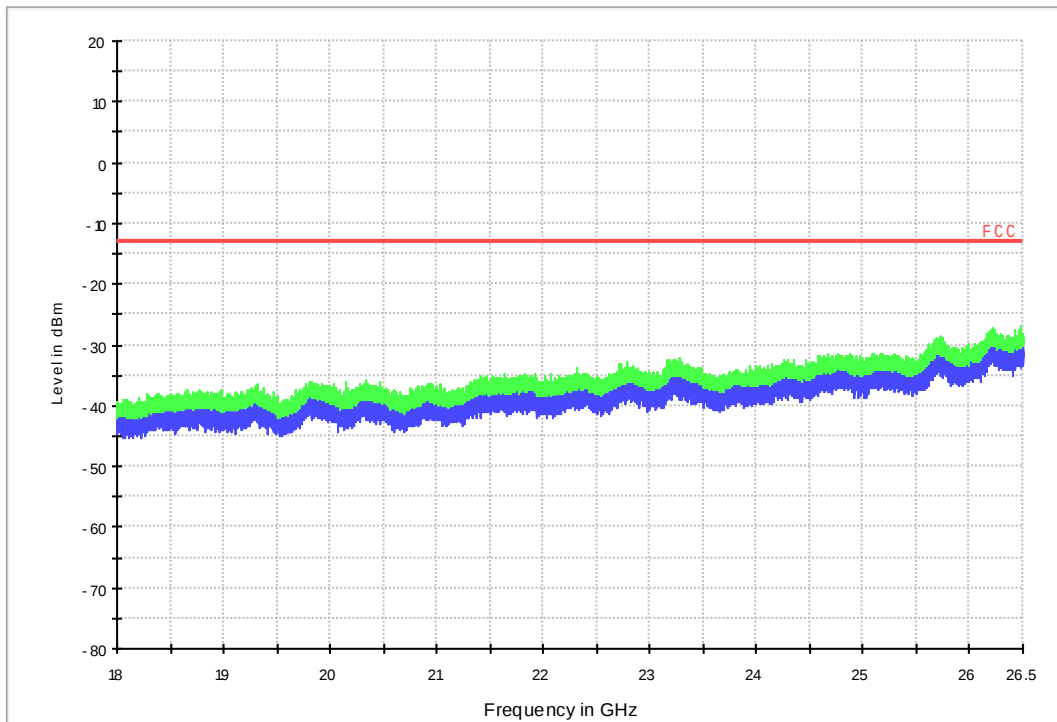
## LTE TDD Band 33~Band 48 RSE-TX-DIRECTOR ABOVE 1.5G\_L



LTE TDD Band 33~ band48 R SE-TX-DIRECTOR ABOVE 1.5G\_H

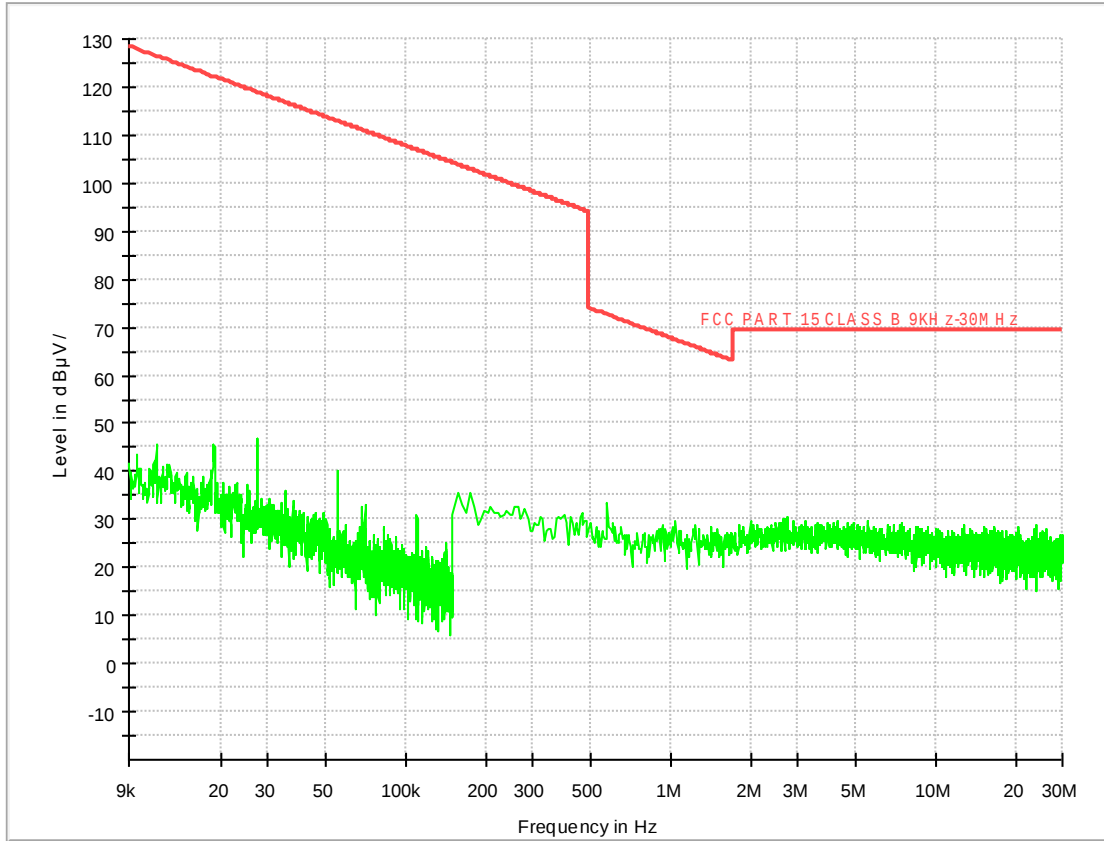


18G~ 26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK

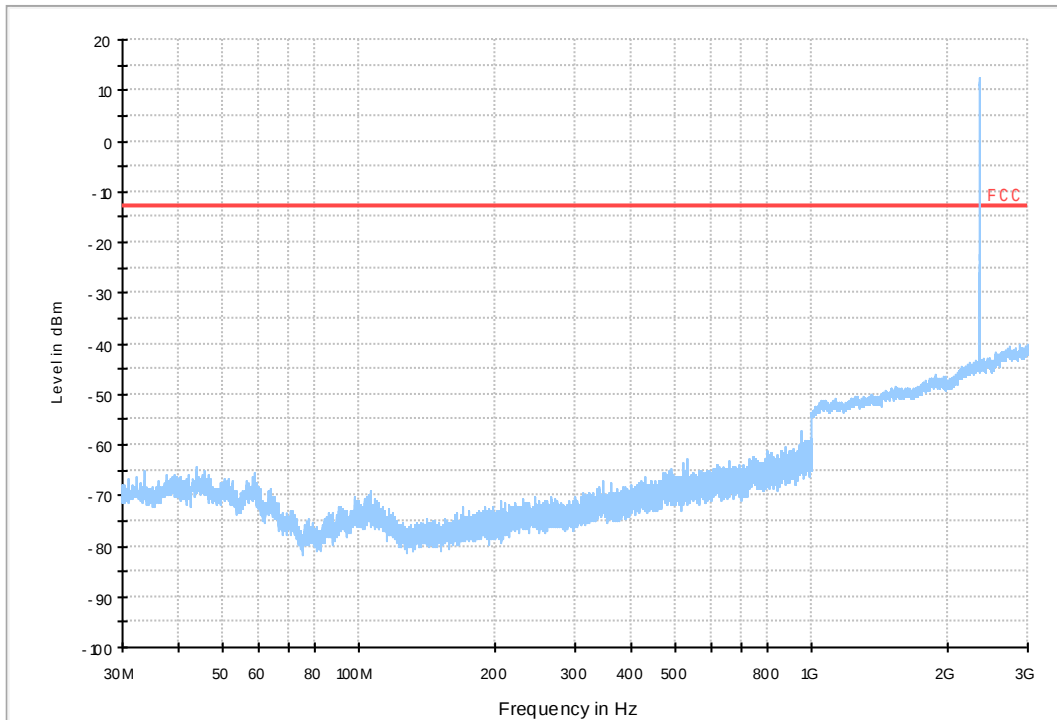


## 7.1.2 Test Band = BAND40\_Ant2

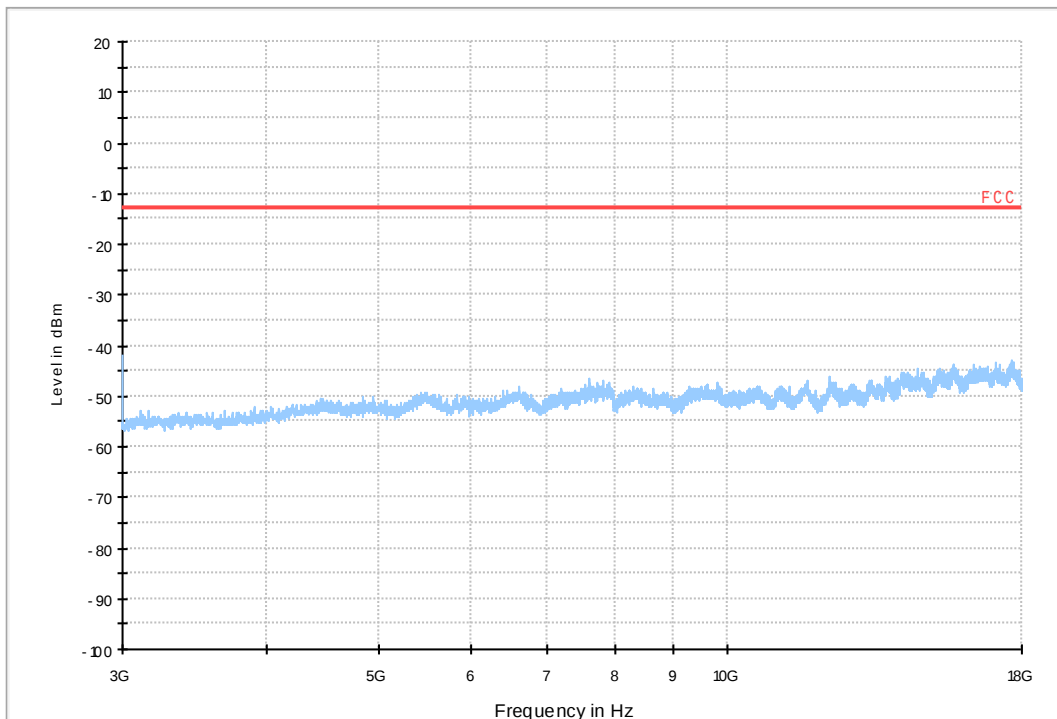
### 7.1.2.1 Test Bandwidth = 5



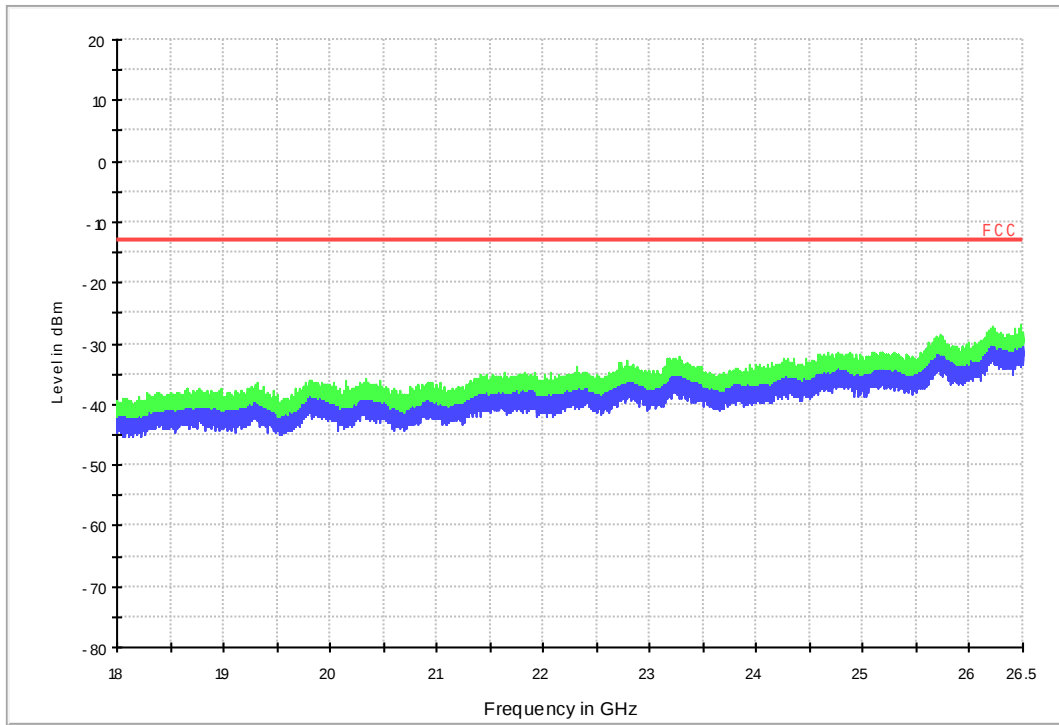
LTE TDD Band 33~Band 48 RSE-TX-DIRECTOR ABOVE 1.5G\_L



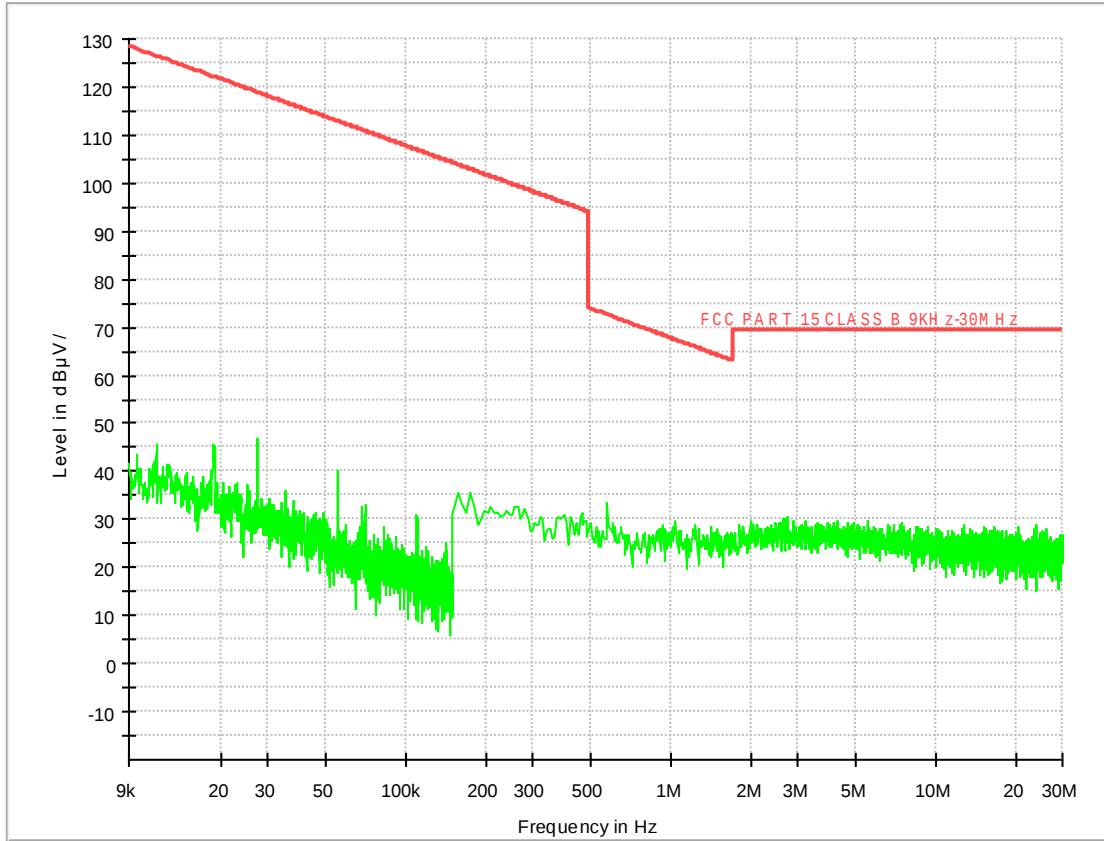
LTE TDD Band 33~band48 RSE-TX-DIRECTOR ABOVE 1.5G\_H



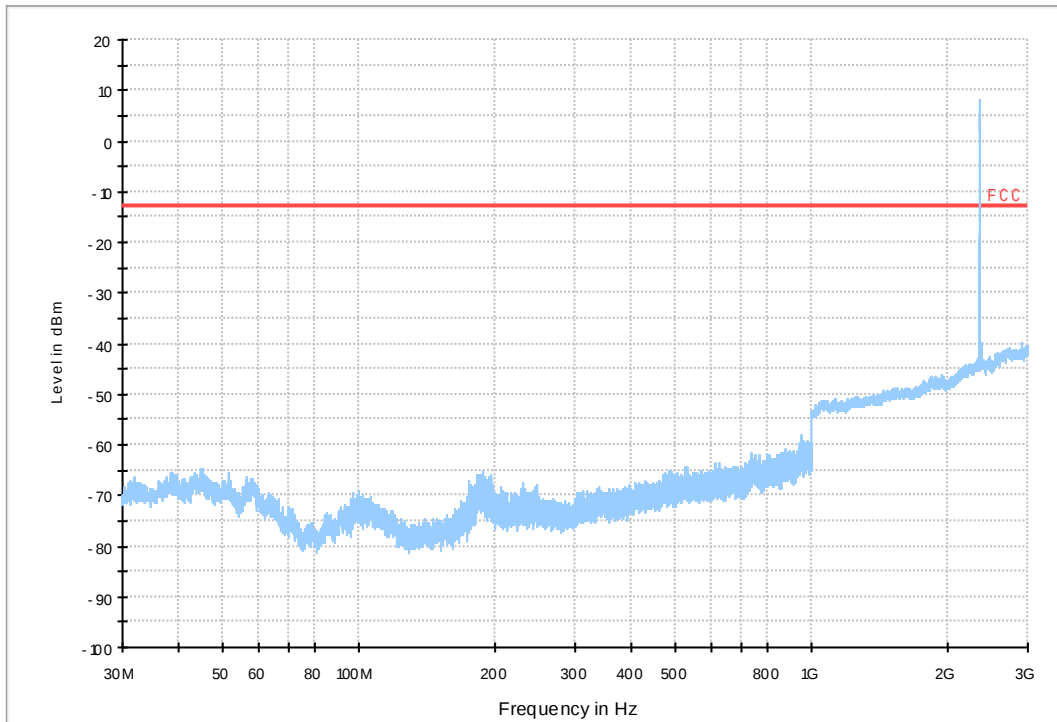
## 18G~26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



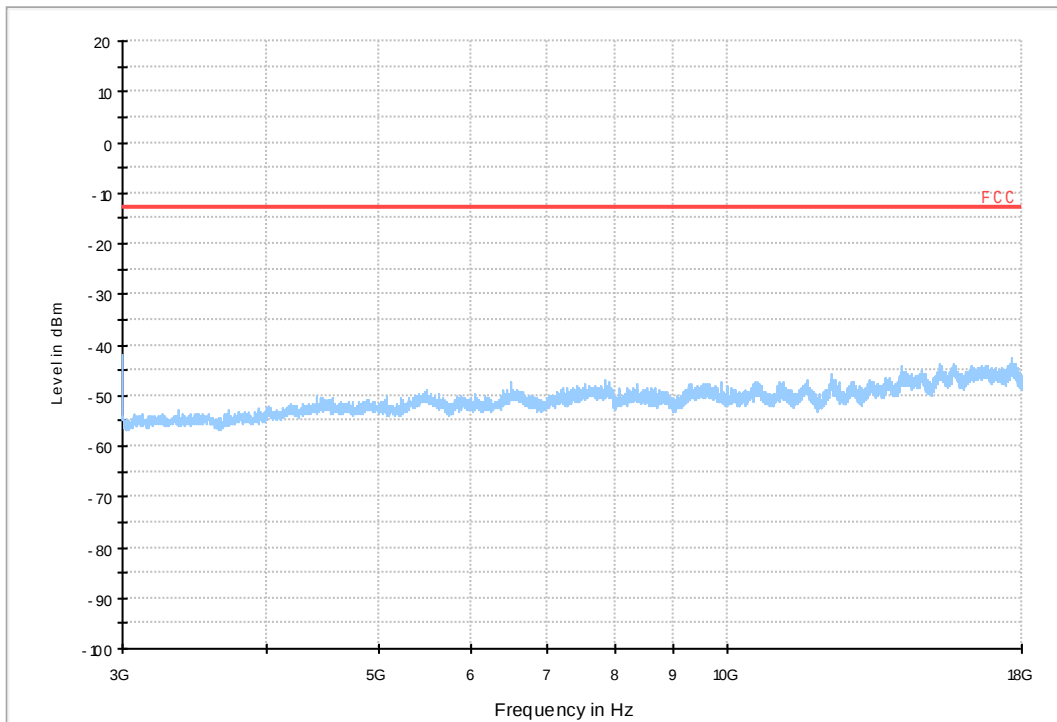
### 7.1.2.2 Test Bandwidth = 10



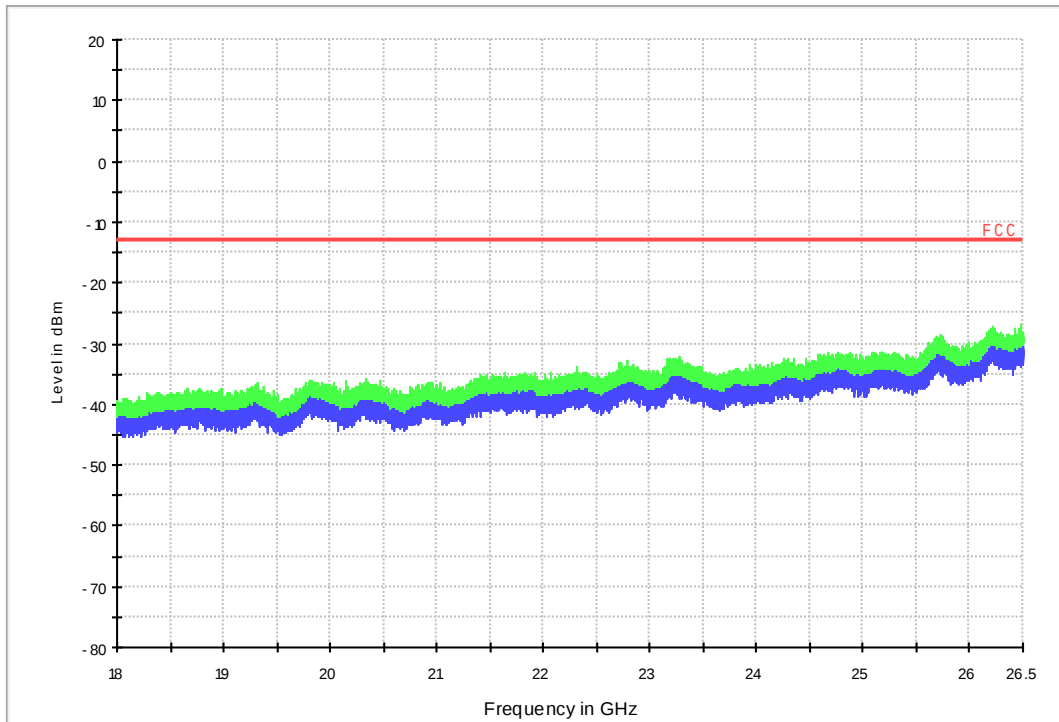
LTE TDD Band 33~Band 48 RSE-TX-DIRECTOR ABOVE 1.5G\_L



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



## 18G~26.5G R SE-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 |
|-----------|-----------|----------------------|---------------------|------------|------------|------------------|-----------------------|---------|
| BAND40    | LTE/TM1   | 5                    | LCH                 | TN         | VL         | -17.58           | -0.00747              | PASS    |
|           |           |                      |                     |            | VN         | -19.73           | -0.00839              | PASS    |
|           |           |                      |                     |            | VH         | -17.8            | -0.00757              | PASS    |
|           |           |                      | MCH                 | TN         | VL         | -21.66           | -0.0092               | PASS    |
|           |           |                      |                     |            | VN         | -18.61           | -0.0079               | PASS    |
|           |           |                      |                     |            | VH         | -19.23           | -0.00817              | PASS    |
|           |           | 10                   | HCH                 | TN         | VL         | -23.76           | -0.01008              | PASS    |
|           |           |                      |                     |            | VN         | -25.73           | -0.01091              | PASS    |
|           |           |                      |                     |            | VH         | -24.88           | -0.01055              | PASS    |
|           |           |                      | LCH/<br>MCH/<br>HCH | TN         | VL         | -25.03           | -0.01063              | PASS    |
|           |           |                      |                     |            | VN         | -20.61           | -0.00875              | PASS    |
|           |           |                      |                     |            | VH         | -19.48           | -0.00827              | PASS    |
|           | LTE/TM2   | 5                    | LCH                 | TN         | VL         | -8.17            | -0.00347              | PASS    |
|           |           |                      |                     |            | VN         | -9.93            | -0.00422              | PASS    |
|           |           |                      |                     |            | VH         | -7.4             | -0.00315              | PASS    |
|           |           |                      | MCH                 | TN         | VL         | -12.66           | -0.00538              | PASS    |
|           |           |                      |                     |            | VN         | -17.21           | -0.00731              | PASS    |
|           |           |                      |                     |            | VH         | -24.49           | -0.0104               | PASS    |
|           |           | 10                   | HCH                 | TN         | VL         | -4.31            | -0.00183              | PASS    |
|           |           |                      |                     |            | VN         | -18.91           | -0.00802              | PASS    |
|           |           |                      |                     |            | VH         | -23.33           | -0.0099               | PASS    |
|           |           |                      | LCH/<br>MCH/<br>HCH | TN         | VL         | -24.06           | -0.01022              | PASS    |
|           |           |                      |                     |            | VN         | -7.52            | -0.00319              | PASS    |
|           |           |                      |                     |            | VH         | -12.9            | -0.00548              | PASS    |

#### 8.1.2Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|

|        |         |    |                     |    |     |        |          |      |
|--------|---------|----|---------------------|----|-----|--------|----------|------|
| BAND40 | LTE/TM1 | 5  | LCH                 | VN | -30 | -20.66 | -0.00878 | PASS |
|        |         |    |                     |    | -20 | -21.82 | -0.00928 | PASS |
|        |         |    |                     |    | -10 | -20.77 | -0.00883 | PASS |
|        |         |    |                     |    | 0   | -20.37 | -0.00866 | PASS |
|        |         |    |                     |    | 10  | -23    | -0.00978 | PASS |
|        |         |    |                     |    | 20  | -19.97 | -0.00849 | PASS |
|        |         |    |                     |    | 30  | -19.11 | -0.00812 | PASS |
|        |         |    |                     |    | 40  | -21.06 | -0.00895 | PASS |
|        |         |    |                     |    | 50  | -18.28 | -0.00777 | PASS |
|        |         |    | MCH                 | VN | -30 | -21.27 | -0.00903 | PASS |
|        |         |    |                     |    | -20 | -20.04 | -0.00851 | PASS |
|        |         |    |                     |    | -10 | -20.06 | -0.00852 | PASS |
|        |         |    |                     |    | 0   | -21.39 | -0.00908 | PASS |
|        |         |    |                     |    | 10  | -21.56 | -0.00915 | PASS |
|        |         |    |                     |    | 20  | -19.61 | -0.00833 | PASS |
|        |         |    |                     |    | 30  | -20.7  | -0.00879 | PASS |
|        |         |    |                     |    | 40  | -23.42 | -0.00994 | PASS |
|        |         |    |                     |    | 50  | -20.67 | -0.00878 | PASS |
|        |         |    | HCH                 | VN | -30 | -22.83 | -0.00968 | PASS |
|        |         |    |                     |    | -20 | -21.1  | -0.00895 | PASS |
|        |         |    |                     |    | -10 | -19.77 | -0.00839 | PASS |
|        |         |    |                     |    | 0   | -23.49 | -0.00996 | PASS |
|        |         |    |                     |    | 10  | -22.16 | -0.0094  | PASS |
|        |         |    |                     |    | 20  | -22.97 | -0.00974 | PASS |
|        |         |    |                     |    | 30  | -24.32 | -0.01032 | PASS |
|        |         |    |                     |    | 40  | -19.94 | -0.00846 | PASS |
|        |         |    |                     |    | 50  | -21.87 | -0.00928 | PASS |
|        |         | 10 | LCH/<br>MCH/<br>HCH | VN | -30 | -21.49 | -0.00913 | PASS |
|        |         |    |                     |    | -20 | -21.84 | -0.00927 | PASS |
|        |         |    |                     |    | -10 | -20.87 | -0.00886 | PASS |
|        |         |    |                     |    | 0   | -22.95 | -0.00975 | PASS |
|        |         |    |                     |    | 10  | -19.41 | -0.00824 | PASS |
|        |         |    |                     |    | 20  | -20.44 | -0.00868 | PASS |
|        |         |    |                     |    | 30  | -19.96 | -0.00848 | PASS |
|        |         |    |                     |    | 40  | -22.29 | -0.00946 | PASS |
|        |         |    |                     |    | 50  | -21.36 | -0.00907 | PASS |
|        | LTE/TM2 | 5  | LCH                 | VN | -30 | -6.95  | -0.00295 | PASS |
|        |         |    |                     |    | -20 | -21.8  | -0.00927 | PASS |
|        |         |    |                     |    | -10 | -4.55  | -0.00193 | PASS |
|        |         |    |                     |    | 0   | -3.92  | -0.00167 | PASS |
|        |         |    |                     |    | 10  | -18    | -0.00765 | PASS |



|  |  |    |                     |    |     |        |          |      |
|--|--|----|---------------------|----|-----|--------|----------|------|
|  |  |    |                     |    | 20  | -15.48 | -0.00658 | PASS |
|  |  |    |                     |    | 30  | -20.77 | -0.00883 | PASS |
|  |  |    |                     |    | 40  | -13.4  | -0.0057  | PASS |
|  |  |    |                     |    | 50  | -17.88 | -0.0076  | PASS |
|  |  |    | MCH                 | VN | -30 | -18.8  | -0.00798 | PASS |
|  |  |    |                     |    | -20 | -18.64 | -0.00792 | PASS |
|  |  |    |                     |    | -10 | -21.1  | -0.00896 | PASS |
|  |  |    |                     |    | 0   | -11.03 | -0.00468 | PASS |
|  |  |    |                     |    | 10  | -15.15 | -0.00643 | PASS |
|  |  |    |                     |    | 20  | -17.9  | -0.0076  | PASS |
|  |  |    |                     |    | 30  | -16.34 | -0.00694 | PASS |
|  |  |    |                     |    | 40  | -20.18 | -0.00857 | PASS |
|  |  |    |                     |    | 50  | -20.21 | -0.00858 | PASS |
|  |  |    | HCH                 | VN | -30 | 3.33   | 0.00141  | PASS |
|  |  |    |                     |    | -20 | -0.33  | -0.00014 | PASS |
|  |  |    |                     |    | -10 | 0.36   | 0.00015  | PASS |
|  |  |    |                     |    | 0   | -1.34  | -0.00057 | PASS |
|  |  |    |                     |    | 10  | -0.29  | -0.00012 | PASS |
|  |  |    |                     |    | 20  | 0.3    | 0.00013  | PASS |
|  |  |    |                     |    | 30  | 1.56   | 0.00066  | PASS |
|  |  |    |                     |    | 40  | 5.99   | 0.00254  | PASS |
|  |  |    |                     |    | 50  | 1.85   | 0.00078  | PASS |
|  |  | 10 | LCH/<br>MCH/<br>HCH | VN | -30 | -22.73 | -0.00965 | PASS |
|  |  |    |                     |    | -20 | -18.12 | -0.00769 | PASS |
|  |  |    |                     |    | -10 | -19.53 | -0.00829 | PASS |
|  |  |    |                     |    | 0   | -22.26 | -0.00945 | PASS |
|  |  |    |                     |    | 10  | -20.66 | -0.00877 | PASS |
|  |  |    |                     |    | 20  | -21.3  | -0.00904 | PASS |
|  |  |    |                     |    | 30  | -22.4  | -0.00951 | PASS |
|  |  |    |                     |    | 40  | -20.1  | -0.00854 | PASS |
|  |  |    |                     |    | 50  | -19.43 | -0.00825 | PASS |

END