



## Appendix for test report

## 1Appendix\_A: Effective (Isotropic) Radiated Power Output Data

### Part I - Test Results

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND26         | LTE/TM1   | 1.4            | LCH          | RB1#0   | 22.26          | 19.91      | 50          | PASS    |
|                |           |                |              | RB1#3   | 22.39          | 20.04      | 50          | PASS    |
|                |           |                |              | RB1#5   | 22.32          | 19.97      | 50          | PASS    |
|                |           |                |              | RB3#0   | 22.28          | 19.93      | 50          | PASS    |
|                |           |                |              | RB3#2   | 22.36          | 20.01      | 50          | PASS    |
|                |           |                |              | RB3#3   | 22.34          | 19.99      | 50          | PASS    |
|                |           |                |              | RB6#0   | 21.34          | 18.99      | 50          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.58          | 20.23      | 50          | PASS    |
|                |           |                |              | RB1#3   | 22.64          | 20.29      | 50          | PASS    |
|                |           |                |              | RB1#5   | 22.51          | 20.16      | 50          | PASS    |
|                |           |                |              | RB3#0   | 22.65          | 20.3       | 50          | PASS    |
|                |           |                |              | RB3#2   | 22.64          | 20.29      | 50          | PASS    |
|                |           |                |              | RB3#3   | 22.6           | 20.25      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB6#0   | 21.59          | 19.24      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.59          | 20.24      | 50          | PASS    |
|                |           |                |              | RB1#3   | 22.71          | 20.36      | 50          | PASS    |
|                |           |                |              | RB1#5   | 22.54          | 20.19      | 50          | PASS    |
|                |           |                |              | RB3#0   | 22.6           | 20.25      | 50          | PASS    |
|                |           |                |              | RB3#2   | 22.64          | 20.29      | 50          | PASS    |
|                |           |                |              | RB3#3   | 22.57          | 20.22      | 50          | PASS    |
|                |           |                |              | RB6#0   | 21.58          | 19.23      | 50          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.25          | 19.9       | 50          | PASS    |
|                |           |                |              | RB1#7   | 22.68          | 20.33      | 50          | PASS    |
|                |           |                |              | RB1#14  | 22.44          | 20.09      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.39          | 19.04      | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.5           | 19.15      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.46          | 19.11      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.42          | 19.07      | 50          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.58          | 20.23      | 50          | PASS    |
|                |           |                |              | RB1#7   | 22.81          | 20.46      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#14  | 22.56          | 20.21      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.55          | 19.2       | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.59          | 19.24      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.5           | 19.15      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.59          | 19.24      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.61          | 20.26      | 50          | PASS    |
|                |           |                |              | RB1#7   | 22.85          | 20.5       | 50          | PASS    |
|                |           |                |              | RB1#14  | 22.46          | 20.11      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.59          | 19.24      | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.62          | 19.27      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.54          | 19.19      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.57          | 19.22      | 50          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.77          | 20.42      | 50          | PASS    |
|                |           |                |              | RB1#13  | 23.22          | 20.87      | 50          | PASS    |
|                |           |                |              | RB1#24  | 22.71          | 20.36      | 50          | PASS    |
|                |           |                |              | RB12#0  | 21.72          | 19.37      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.92          | 19.57      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB12#13 | 21.76          | 19.41      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.76          | 19.41      | 50          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.94          | 20.59      | 50          | PASS    |
|                |           |                |              | RB1#13  | 23.21          | 20.86      | 50          | PASS    |
|                |           |                |              | RB1#24  | 22.8           | 20.45      | 50          | PASS    |
|                |           |                |              | RB12#0  | 21.84          | 19.49      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.91          | 19.56      | 50          | PASS    |
|                |           |                |              | RB12#13 | 21.76          | 19.41      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.81          | 19.46      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.9           | 20.55      | 50          | PASS    |
|                |           |                |              | RB1#13  | 23.25          | 20.9       | 50          | PASS    |
|                |           |                |              | RB1#24  | 22.79          | 20.44      | 50          | PASS    |
|                |           |                |              | RB12#0  | 21.84          | 19.49      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.92          | 19.57      | 50          | PASS    |
|                |           |                |              | RB12#13 | 21.74          | 19.39      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.77          | 19.42      | 50          | PASS    |
|                |           | 10             | LCH/MCH      | RB1#0   | 22.42          | 20.07      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | /HCH         | RB1#25  | 23.27          | 20.92      | 50          | PASS    |
|                |           |                |              | RB1#49  | 22.56          | 20.21      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.83          | 19.48      | 50          | PASS    |
|                |           |                |              | RB25#13 | 22.01          | 19.66      | 50          | PASS    |
|                |           |                |              | RB25#25 | 21.76          | 19.41      | 50          | PASS    |
|                |           |                |              | RB50#0  | 21.81          | 19.46      | 50          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 21.47          | 19.12      | 50          | PASS    |
|                |           |                |              | RB1#3   | 21.41          | 19.06      | 50          | PASS    |
|                |           |                |              | RB1#5   | 21.53          | 19.18      | 50          | PASS    |
|                |           |                |              | RB3#0   | 21.31          | 18.96      | 50          | PASS    |
|                |           |                |              | RB3#2   | 21.33          | 18.98      | 50          | PASS    |
|                |           |                |              | RB3#3   | 21.49          | 19.14      | 50          | PASS    |
|                |           |                |              | RB6#0   | 21.35          | 19         | 50          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.66          | 19.31      | 50          | PASS    |
|                |           |                |              | RB1#3   | 21.73          | 19.38      | 50          | PASS    |
|                |           |                |              | RB1#5   | 21.59          | 19.24      | 50          | PASS    |
|                |           |                |              | RB3#0   | 21.66          | 19.31      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB3#2   | 21.55          | 19.2       | 50          | PASS    |
|                |           |                |              | RB3#3   | 21.62          | 19.27      | 50          | PASS    |
|                |           |                |              | RB6#0   | 21.54          | 19.19      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.61          | 19.26      | 50          | PASS    |
|                |           |                |              | RB1#3   | 21.81          | 19.46      | 50          | PASS    |
|                |           |                |              | RB1#5   | 21.54          | 19.19      | 50          | PASS    |
|                |           |                |              | RB3#0   | 21.71          | 19.36      | 50          | PASS    |
|                |           |                |              | RB3#2   | 21.75          | 19.4       | 50          | PASS    |
|                |           |                |              | RB3#3   | 21.6           | 19.25      | 50          | PASS    |
|                |           |                |              | RB6#0   | 21.57          | 19.22      | 50          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.16          | 18.81      | 50          | PASS    |
|                |           |                |              | RB1#7   | 21.72          | 19.37      | 50          | PASS    |
|                |           |                |              | RB1#14  | 21.3           | 18.95      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.39          | 19.04      | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.49          | 19.14      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.43          | 19.08      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.32          | 18.97      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.41          | 19.06      | 50          | PASS    |
|                |           |                |              | RB1#7   | 21.7           | 19.35      | 50          | PASS    |
|                |           |                |              | RB1#14  | 21.57          | 19.22      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.46          | 19.11      | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.5           | 19.15      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.41          | 19.06      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.43          | 19.08      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.76          | 19.41      | 50          | PASS    |
|                |           |                |              | RB1#7   | 22             | 19.65      | 50          | PASS    |
|                |           |                |              | RB1#14  | 21.61          | 19.26      | 50          | PASS    |
|                |           |                |              | RB8#0   | 21.57          | 19.22      | 50          | PASS    |
|                |           |                |              | RB8#4   | 21.58          | 19.23      | 50          | PASS    |
|                |           |                |              | RB8#7   | 21.52          | 19.17      | 50          | PASS    |
|                |           |                |              | RB15#0  | 21.47          | 19.12      | 50          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 21.71          | 19.36      | 50          | PASS    |
|                |           |                |              | RB1#13  | 22.26          | 19.91      | 50          | PASS    |
|                |           |                |              | RB1#24  | 21.79          | 19.44      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB12#0  | 21.64          | 19.29      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.84          | 19.49      | 50          | PASS    |
|                |           |                |              | RB12#13 | 21.67          | 19.32      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.64          | 19.29      | 50          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.95          | 19.6       | 50          | PASS    |
|                |           |                |              | RB1#13  | 22.3           | 19.95      | 50          | PASS    |
|                |           |                |              | RB1#24  | 21.86          | 19.51      | 50          | PASS    |
|                |           |                |              | RB12#0  | 21.77          | 19.42      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.86          | 19.51      | 50          | PASS    |
|                |           |                |              | RB12#13 | 21.66          | 19.31      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.73          | 19.38      | 50          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.02          | 19.67      | 50          | PASS    |
|                |           |                |              | RB1#13  | 22.36          | 20.01      | 50          | PASS    |
|                |           |                |              | RB1#24  | 21.81          | 19.46      | 50          | PASS    |
|                |           |                |              | RB12#0  | 21.74          | 19.39      | 50          | PASS    |
|                |           |                |              | RB12#6  | 21.82          | 19.47      | 50          | PASS    |
|                |           |                |              | RB12#13 | 21.64          | 19.29      | 50          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measure d[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           | 10             | LCH/MCH /HCH | RB25#0  | 21.69          | 19.34      | 50          | PASS    |
|                |           |                |              | RB1#0   | 21.3           | 18.95      | 50          | PASS    |
|                |           |                |              | RB1#25  | 22.19          | 19.84      | 50          | PASS    |
|                |           |                |              | RB1#49  | 21.44          | 19.09      | 50          | PASS    |
|                |           |                |              | RB25#0  | 21.78          | 19.43      | 50          | PASS    |
|                |           |                |              | RB25#13 | 21.92          | 19.57      | 50          | PASS    |
|                |           |                |              | RB25#25 | 21.69          | 19.34      | 50          | PASS    |
|                |           |                |              | RB50#0  | 21.72          | 19.37      | 50          | PASS    |

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

SET Span=1.5\*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3\*RBW

SET Sweep time=auto-couple.

Detector:RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND26             | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.47         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.39         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.47         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.55         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.42         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.35         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.69         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.45         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#14  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.17         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.33         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.43         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.3          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.37         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.34         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.62         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.72         | 13         | PASS    |
|                    |           | 10                   | LCH/MCH /HCH | RB1#0   | 4.69         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.34         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.76         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    | LTE/TM2   | 1.4                  | LCH          | RB50#0  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.66         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.76         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.96         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.3          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.92         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.77         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6            | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.35         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#0   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.98         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.42         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.82         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.79         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.93         | 13         | PASS    |
|                    |           | 10                   | LCH/MCH /HCH | RB1#0   | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6            | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.33         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

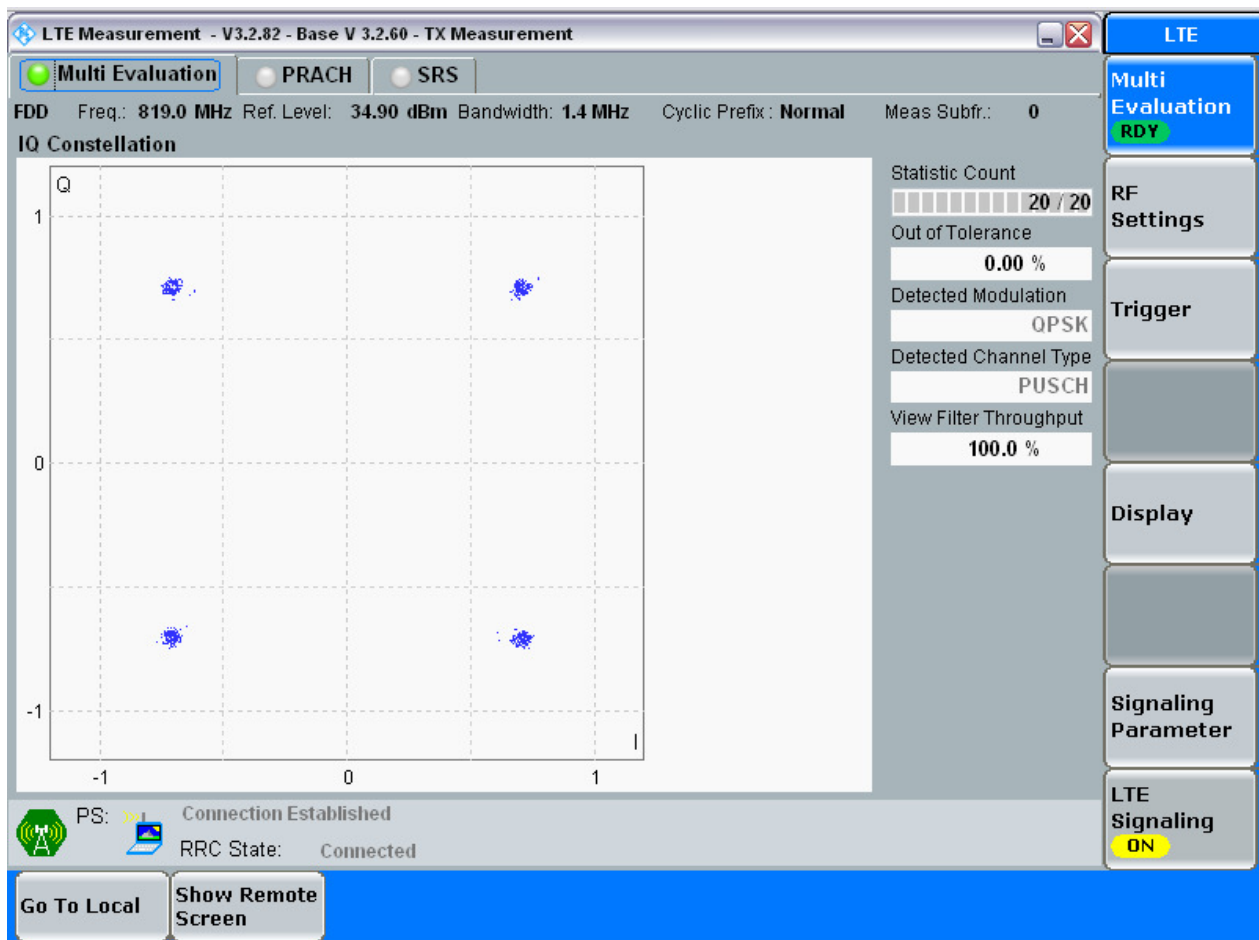
##### 3.1.1 Test Band = BAND26

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 1.4

##### 3.1.1.1.1.1 Test Channel = MCH

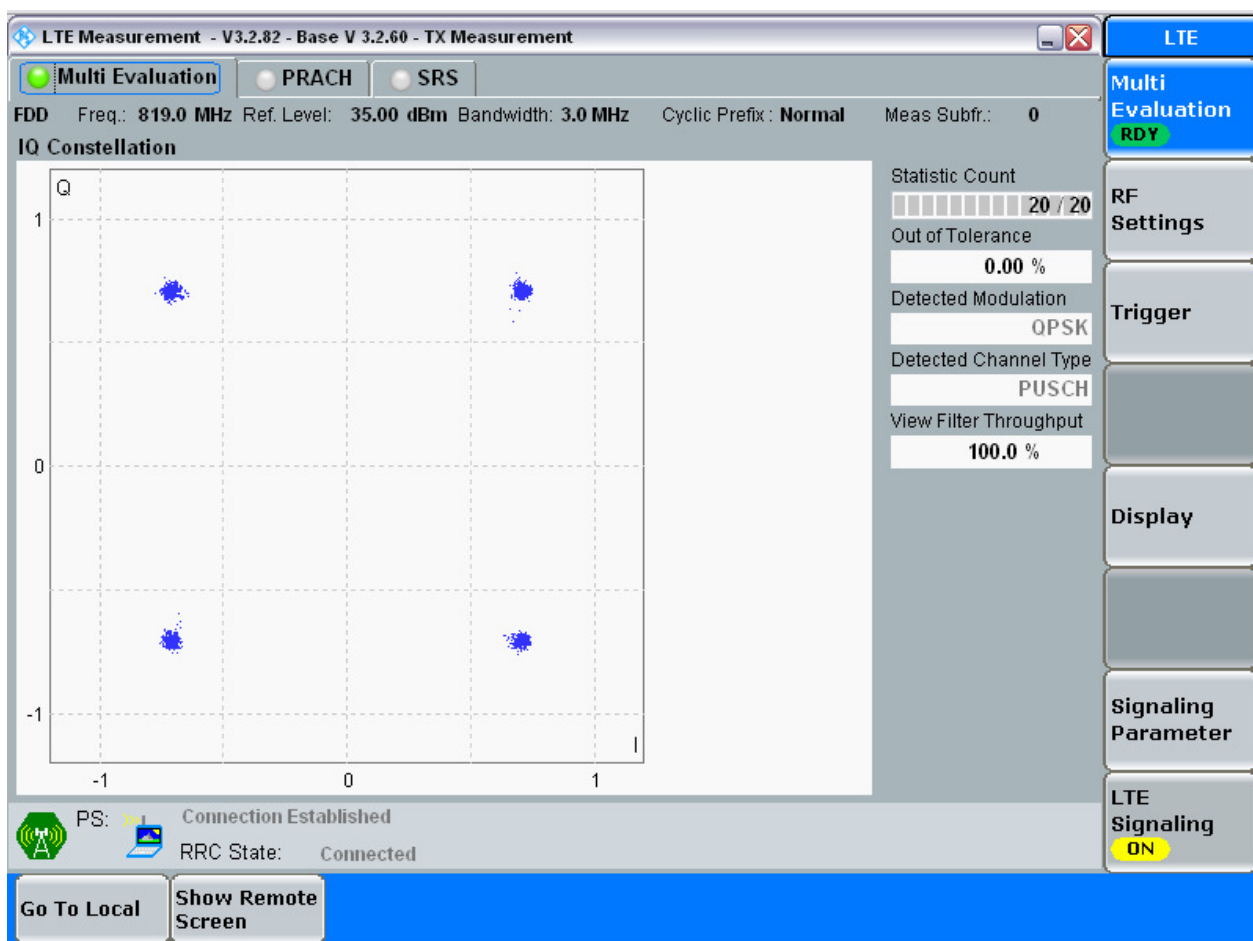
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

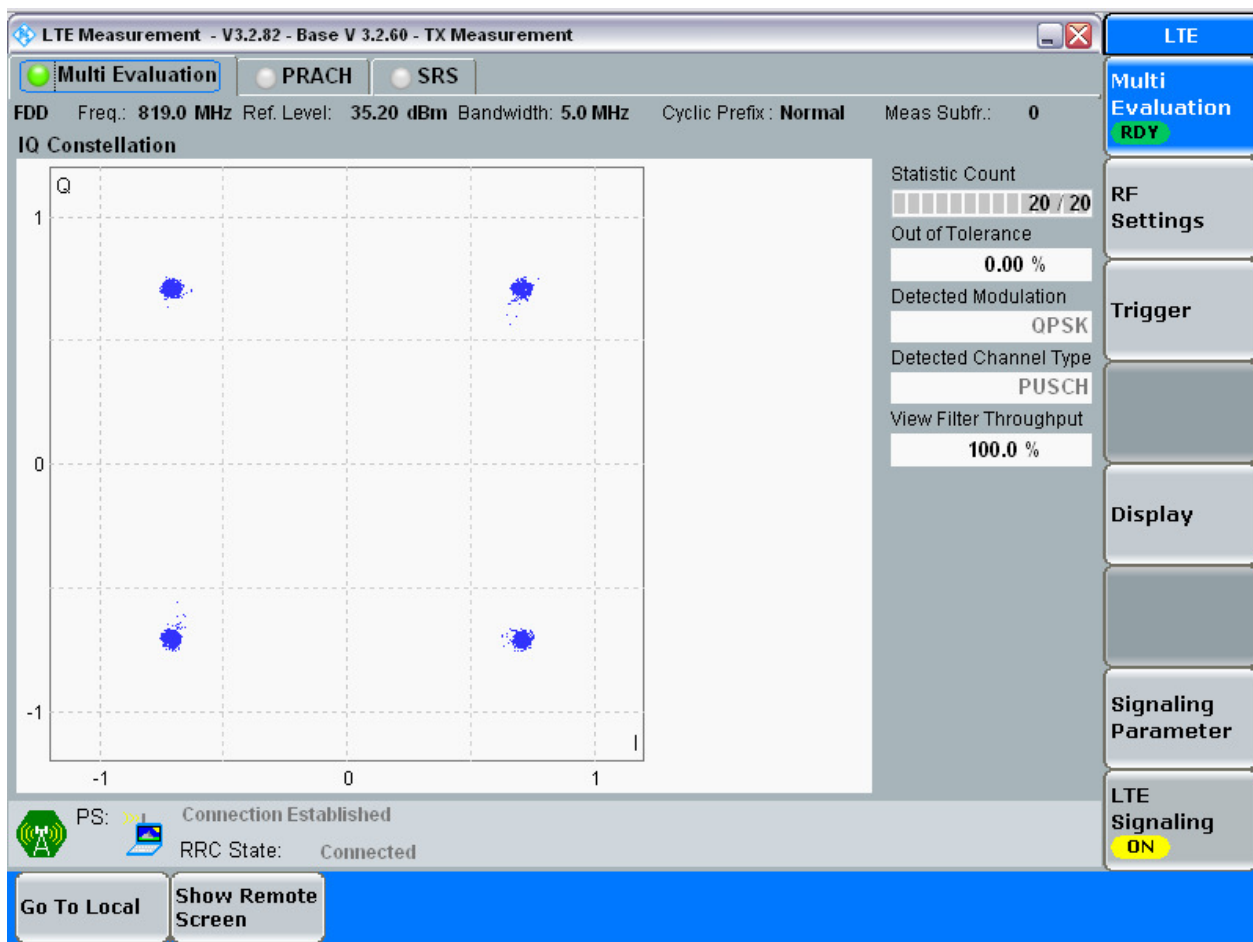
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

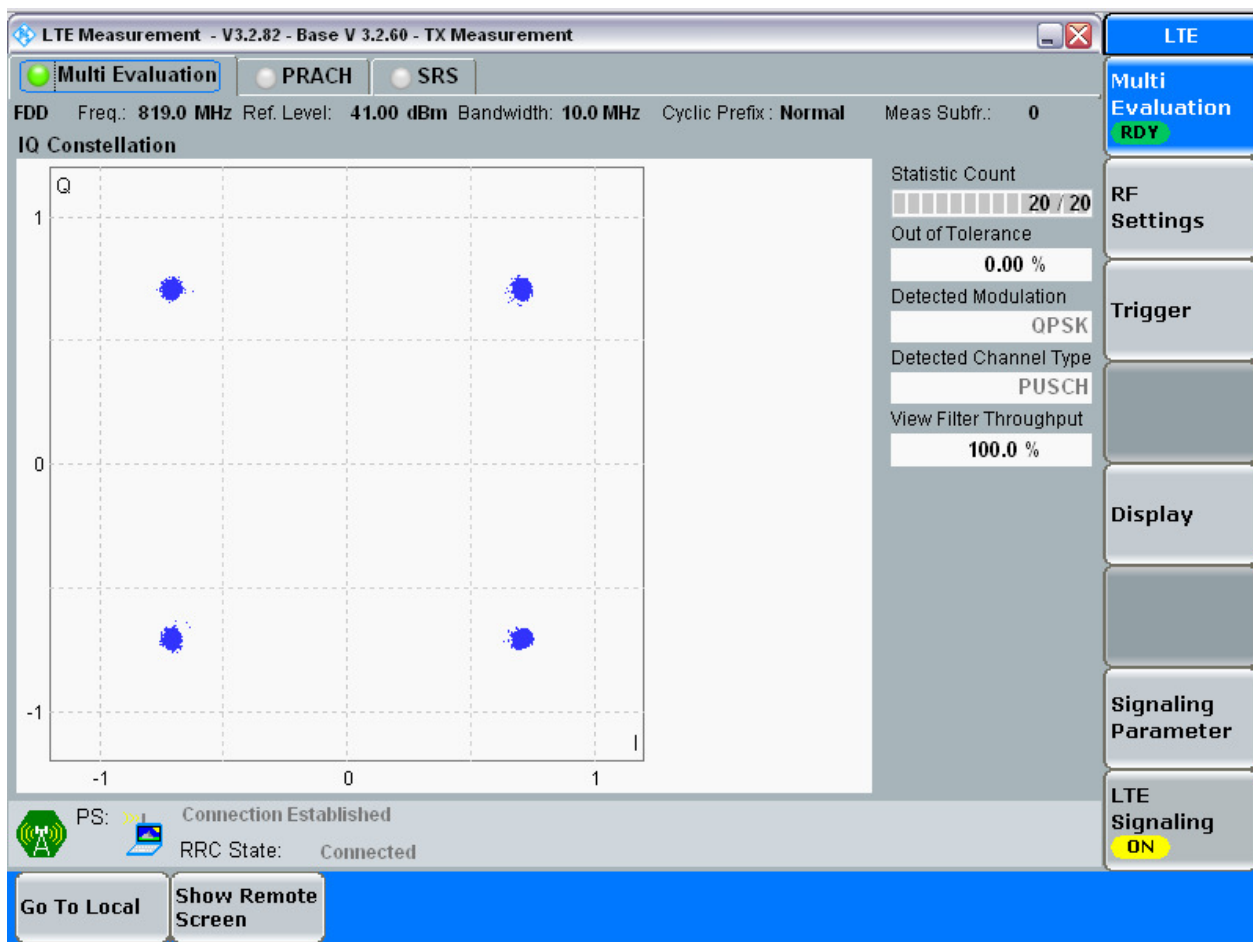
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

##### 3.1.1.1.4.1.1 Test RB = RB50#0

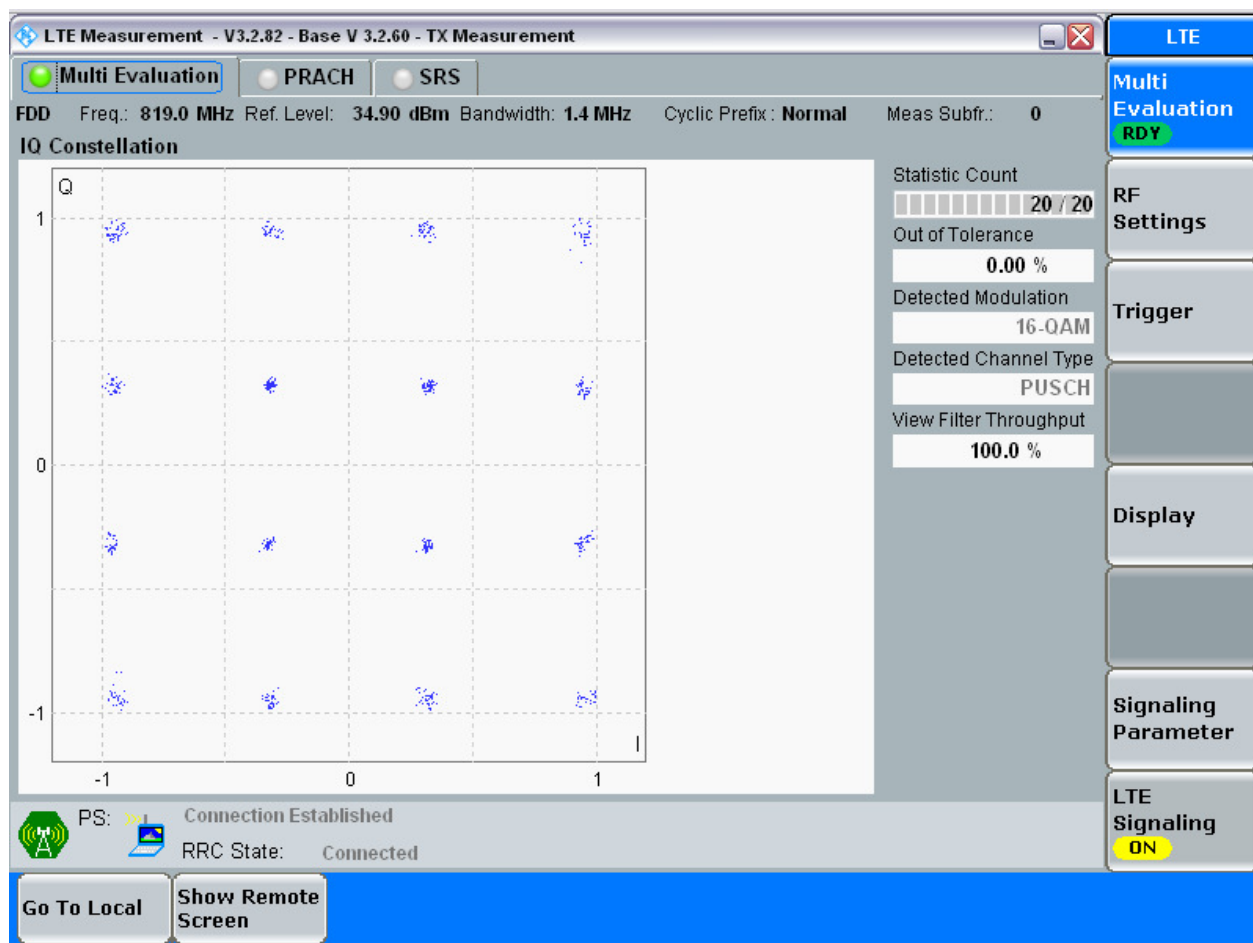


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

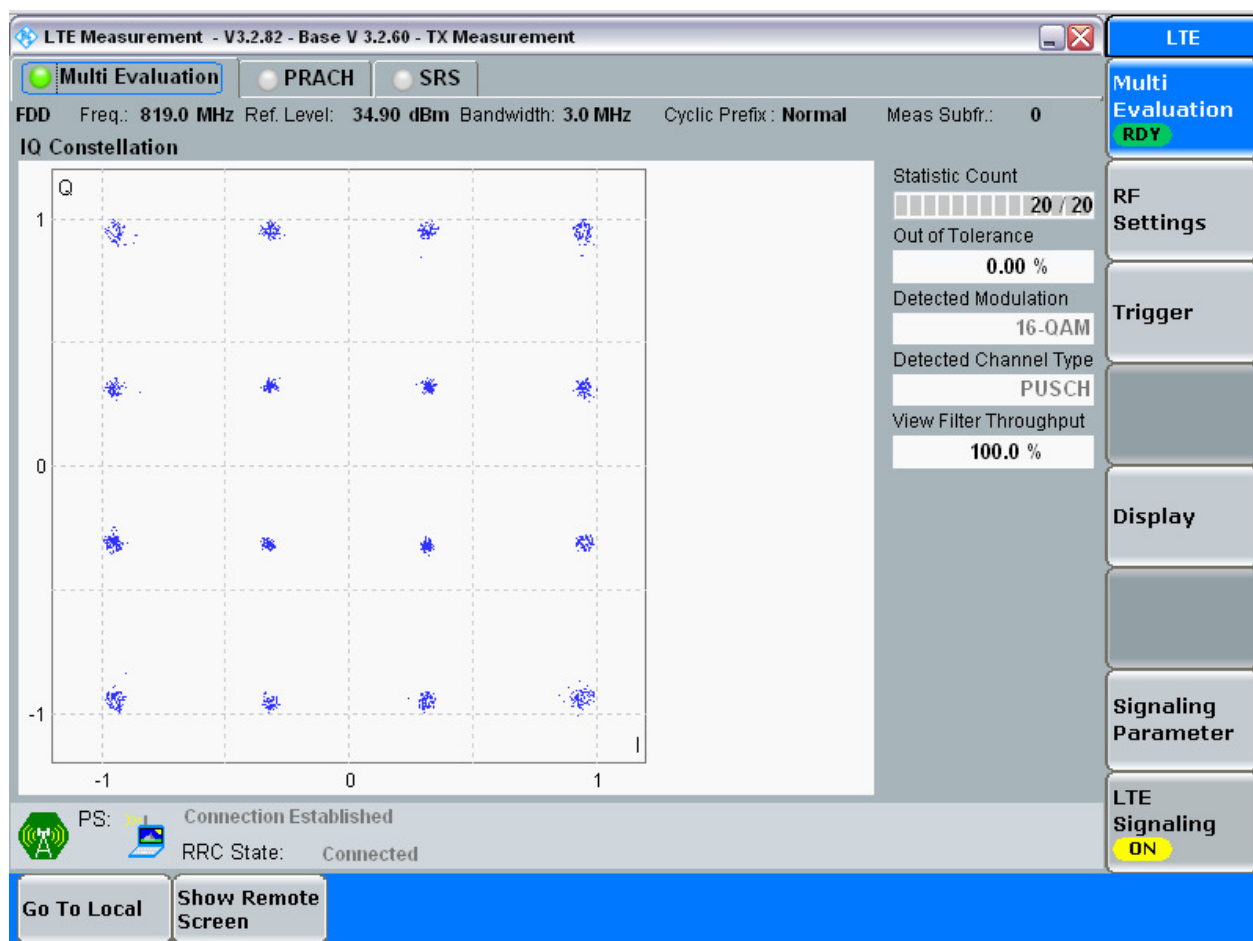
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

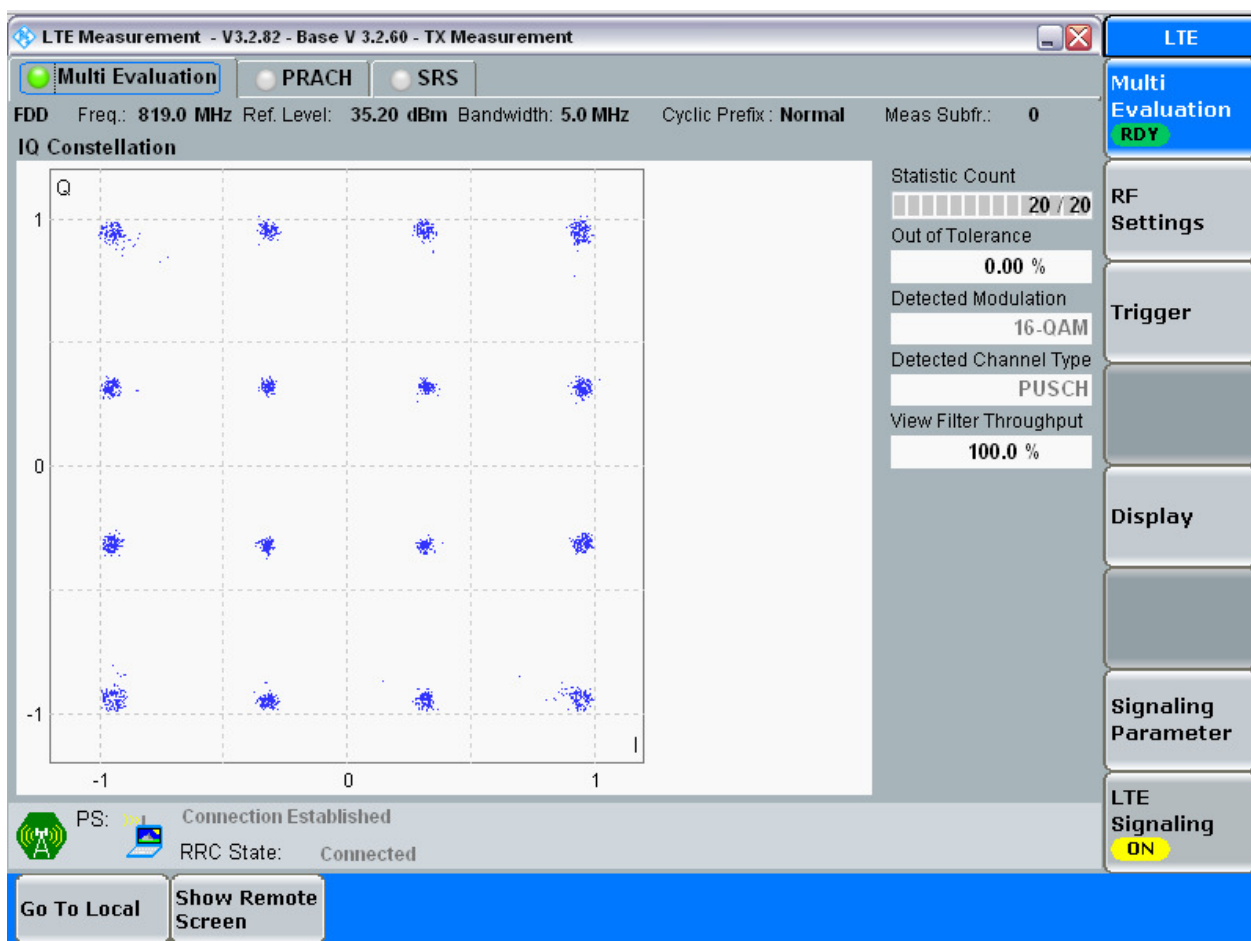
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

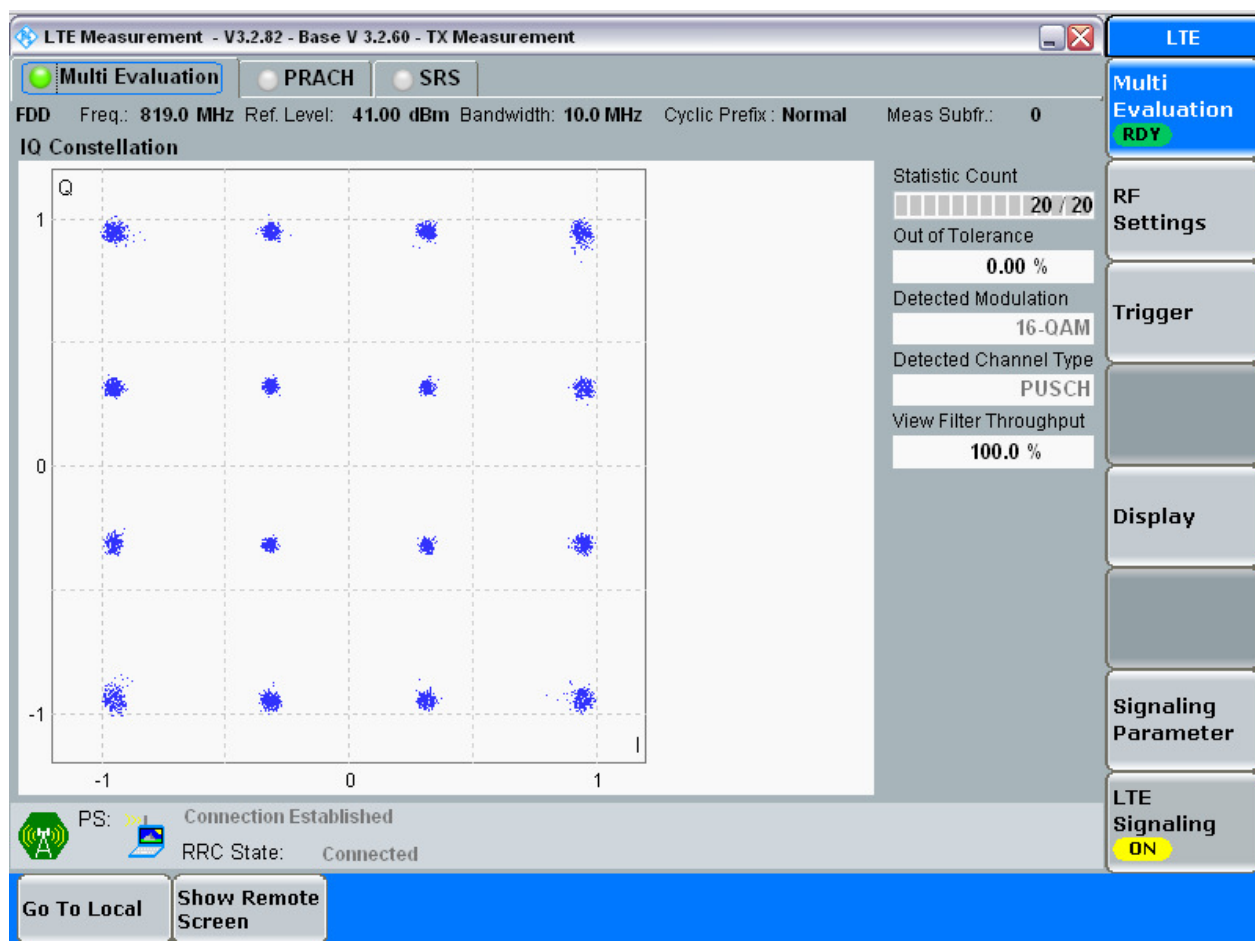
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

##### 3.1.1.2.4.1.1 Test RB = RB50#0



## 4Appendix\_D: Bandwidth

### Part I - Test Results

| Test Band | Test Mode | Test Bandwidth | Test Channel    | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|-----------------|---------|--------------------------|--------------------------|---------|
| BAND26    | LTE/TM1   | 1.4            | LCH             | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | MCH             | RB6#0   | 1.09                     | 1.22                     | Pass    |
|           |           |                | HCH             | RB6#0   | 1.09                     | 1.22                     | Pass    |
|           |           | 3              | LCH             | RB15#0  | 2.71                     | 2.93                     | Pass    |
|           |           |                | MCH             | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           |                | HCH             | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           | 5              | LCH             | RB25#0  | 4.50                     | 4.87                     | Pass    |
|           |           |                | MCH             | RB25#0  | 4.50                     | 4.88                     | Pass    |
|           |           |                | HCH             | RB25#0  | 4.50                     | 4.87                     | Pass    |
|           |           | 10             | LCH/MC<br>H/HCH | RB50#0  | 8.98                     | 9.59                     | Pass    |
|           | LTE/TM2   | 1.4            | LCH             | RB6#0   | 1.10                     | 1.23                     | Pass    |
|           |           |                | MCH             | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | HCH             | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH             | RB15#0  | 2.71                     | 2.93                     | Pass    |
|           |           |                | MCH             | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           |                | HCH             | RB15#0  | 2.71                     | 2.94                     | Pass    |
|           |           | 5              | LCH             | RB25#0  | 4.50                     | 4.88                     | Pass    |
|           |           |                | MCH             | RB25#0  | 4.51                     | 4.87                     | Pass    |
|           |           |                | HCH             | RB25#0  | 4.50                     | 4.88                     | Pass    |
|           |           | 10             | LCH/MC<br>H/HCH | RB50#0  | 8.97                     | 9.62                     | Pass    |



## Part II - Test Plots

### 4.1 For LTE

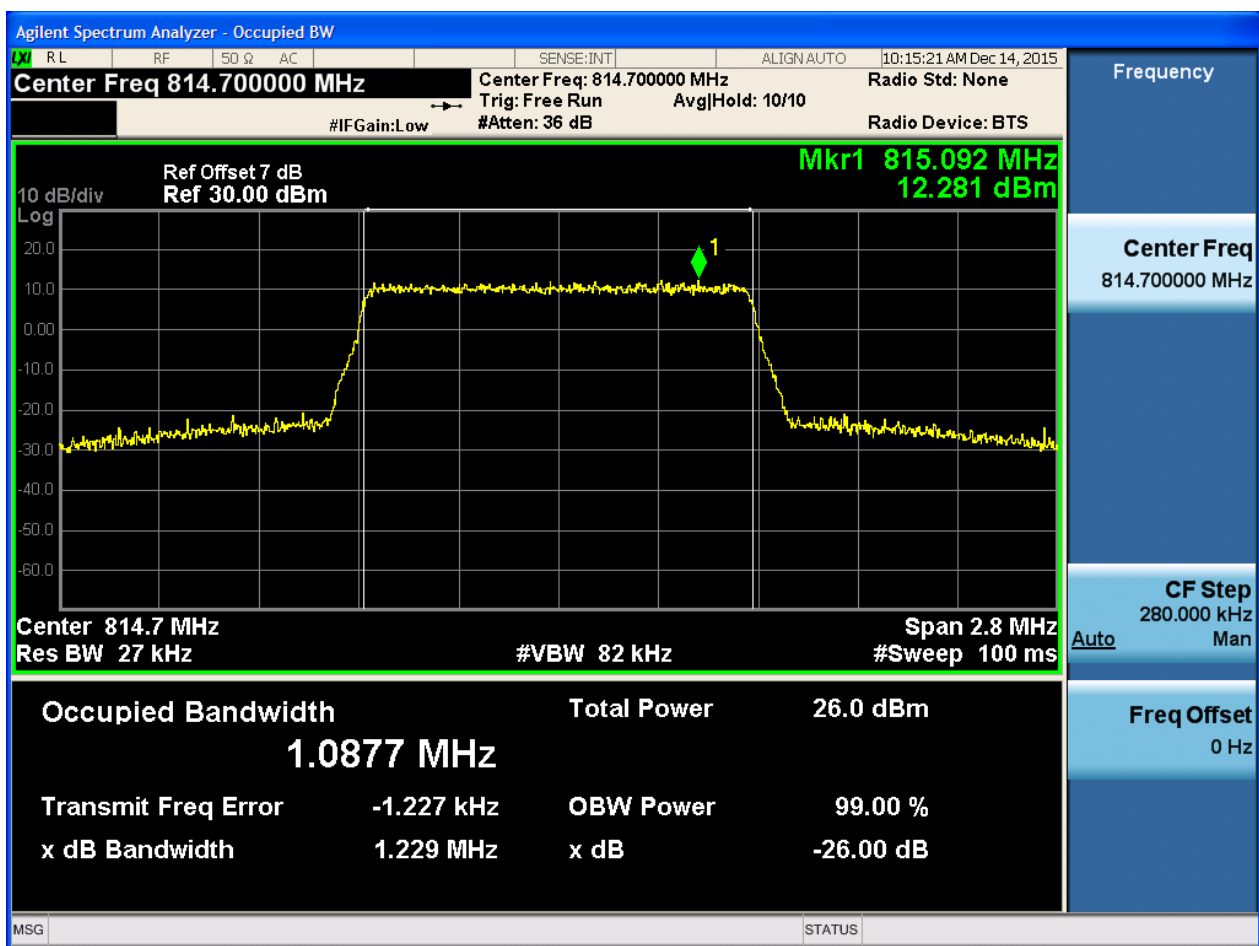
#### 4.1.1 Test Band = BAND26

##### 4.1.1.1 Test Mode = LTE/TM1

##### 4.1.1.1.1 Test Bandwidth = 1.4

##### 4.1.1.1.1.1 Test Channel = LCH

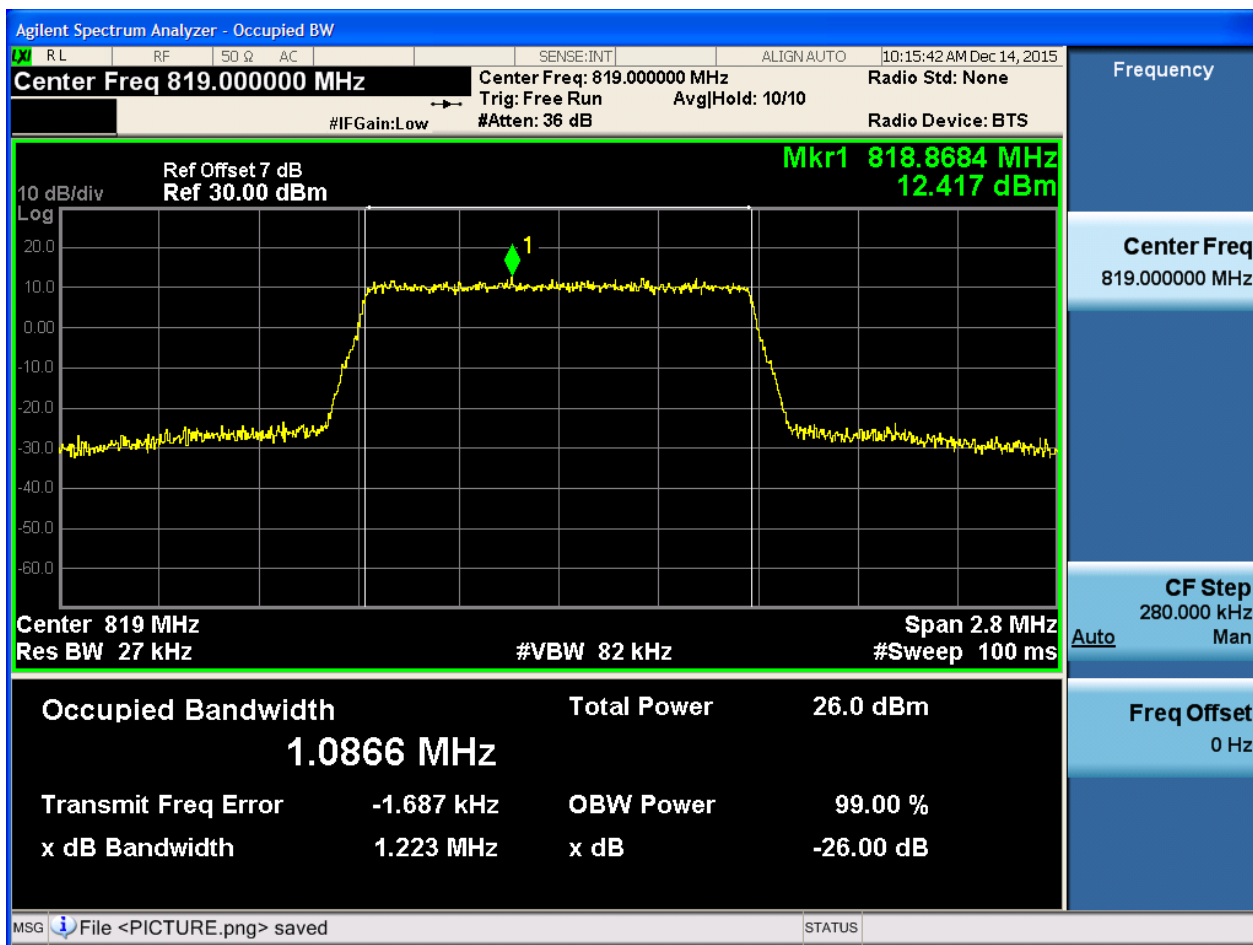
##### 4.1.1.1.1.1.1 Test RB = RB6#0





## 4.1.1.1.1.2 Test Channel = MCH

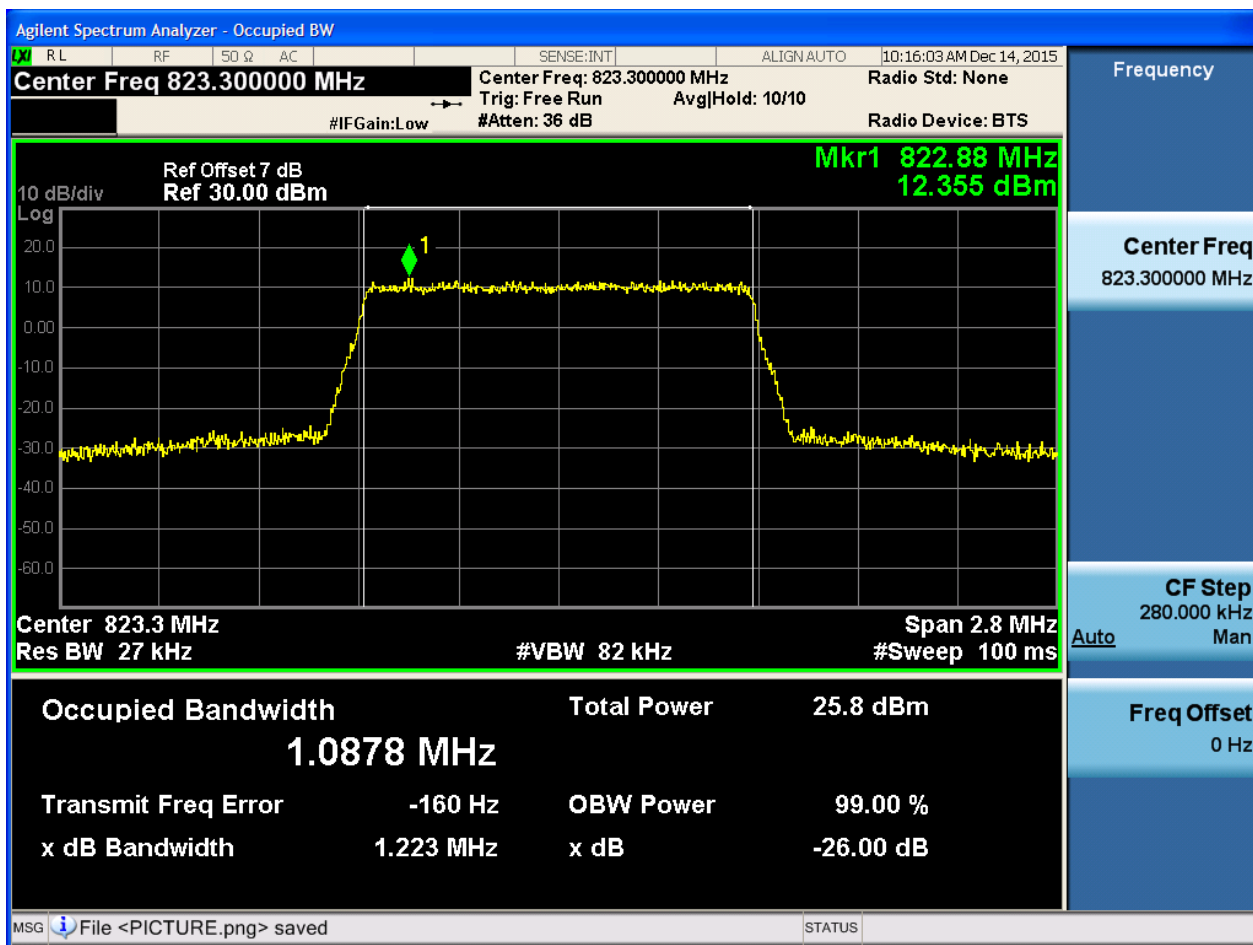
## 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

## 4.1.1.1.1.3.1 Test RB = RB6#0

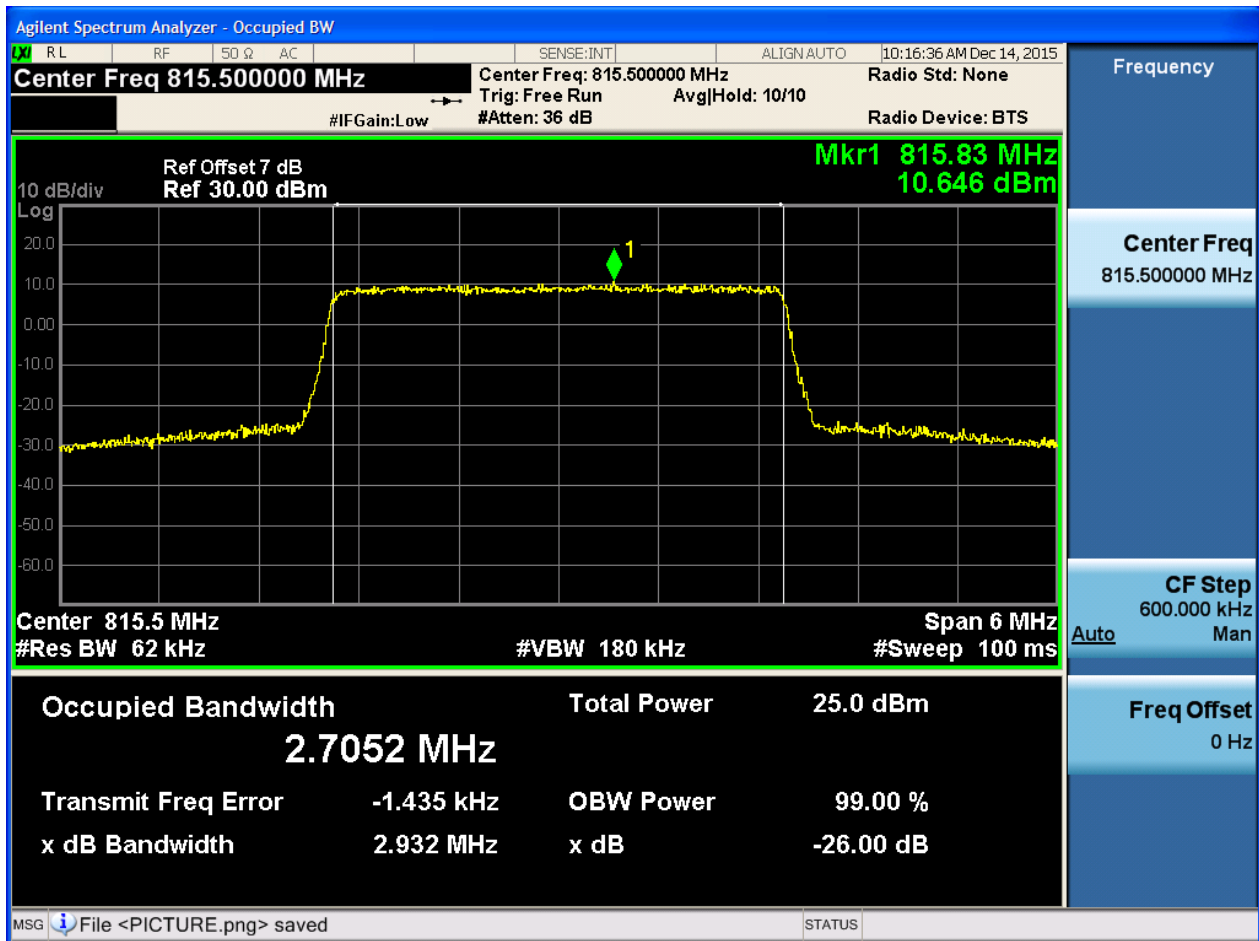




## 4.1.1.1.2 Test Bandwidth = 3

## 4.1.1.1.2.1 Test Channel = LCH

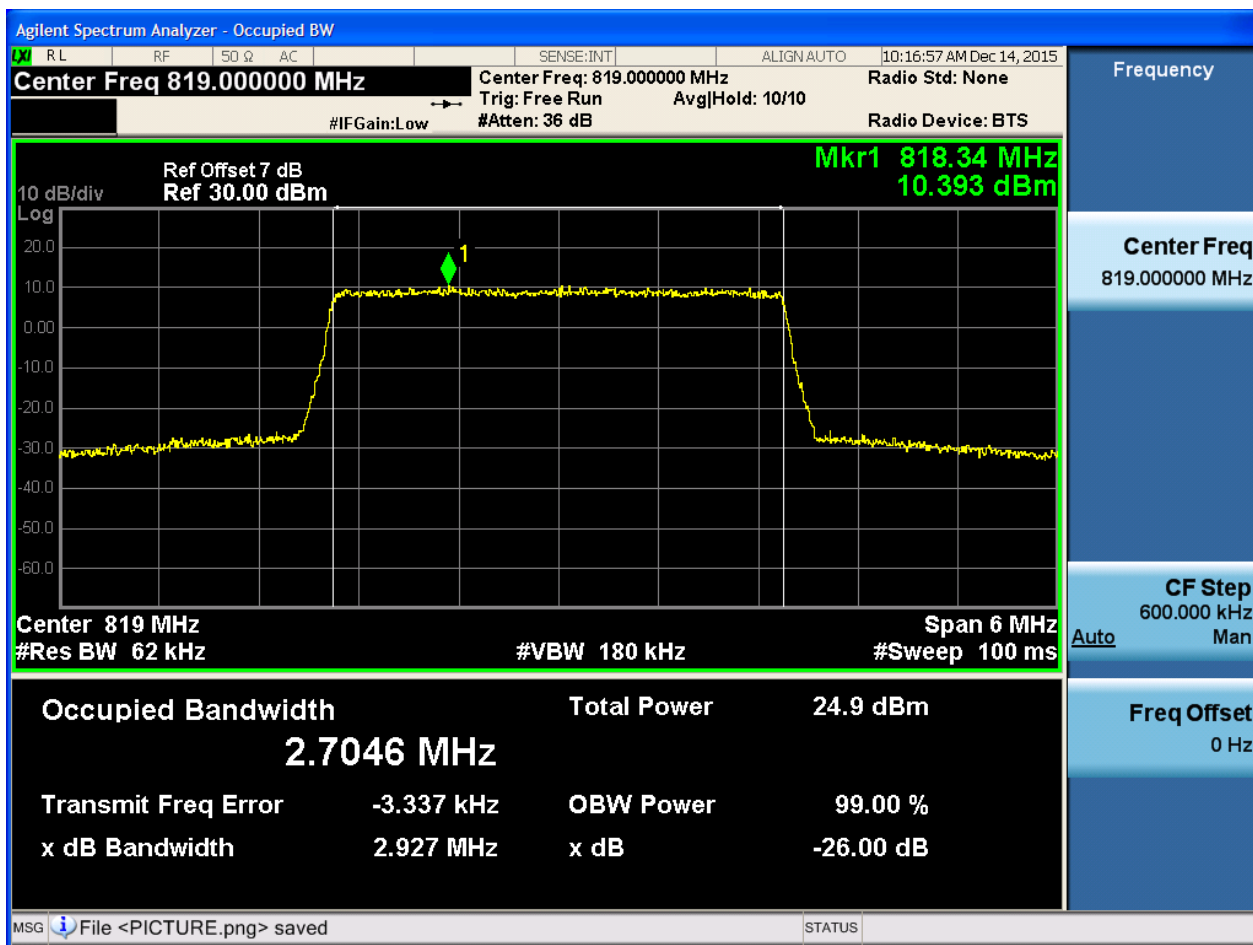
## 4.1.1.1.2.1.1 Test RB = RB15#0





## 4.1.1.1.2.2 Test Channel = MCH

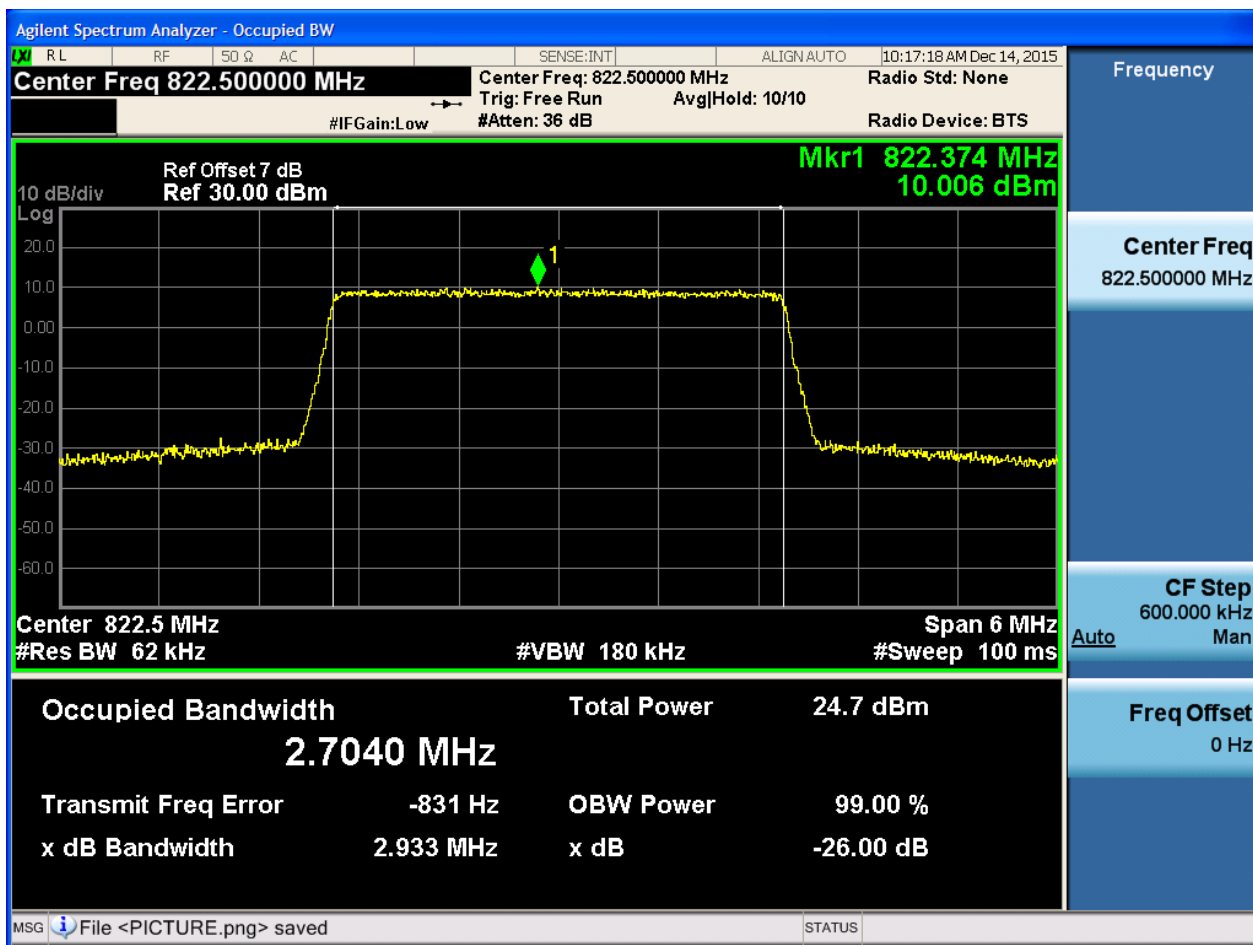
## 4.1.1.1.2.2.1 Test RB = RB15#0





## 4.1.1.1.2.3 Test Channel = HCH

## 4.1.1.1.2.3.1 Test RB = RB15#0

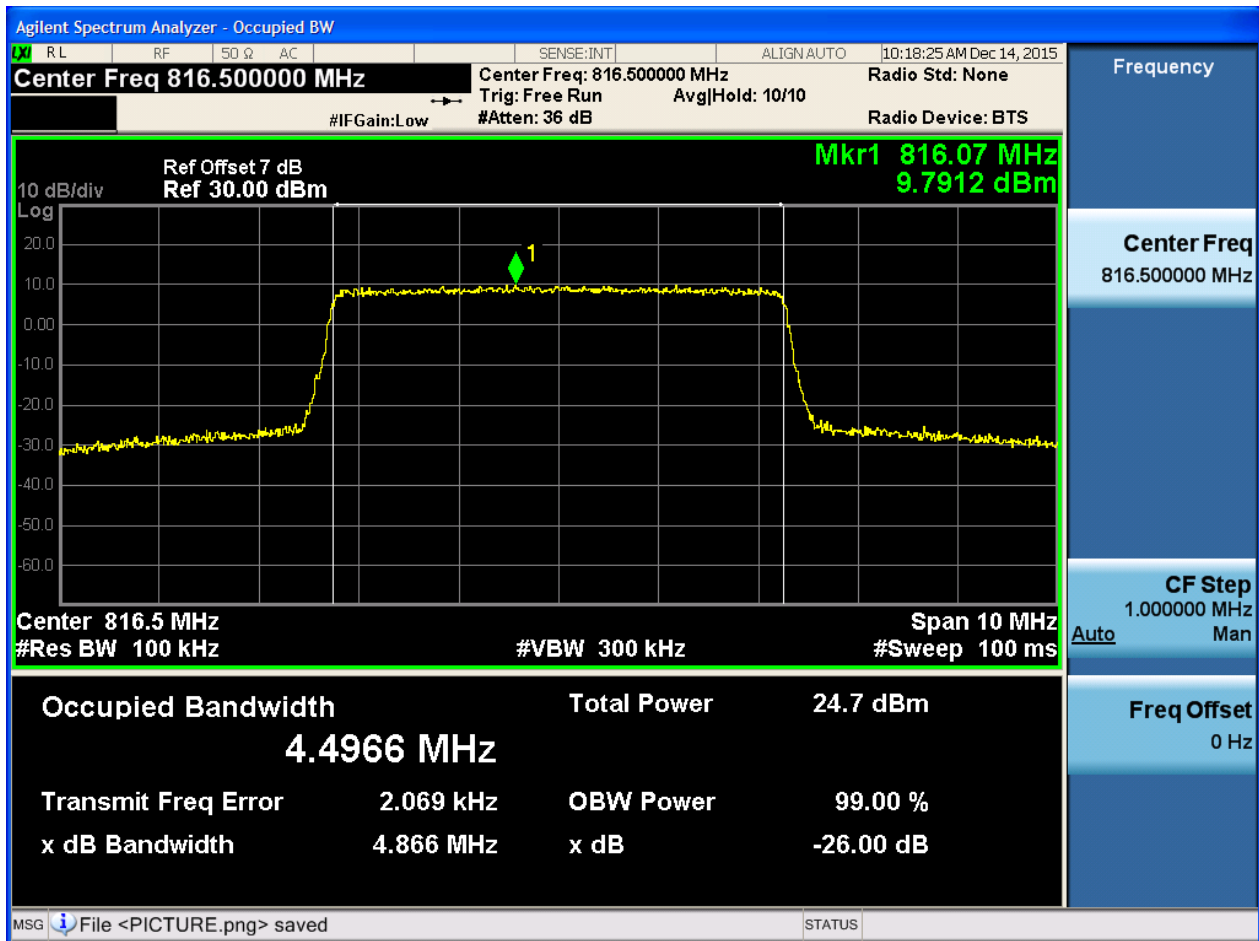




## 4.1.1.1.3 Test Bandwidth = 5

## 4.1.1.1.3.1 Test Channel = LCH

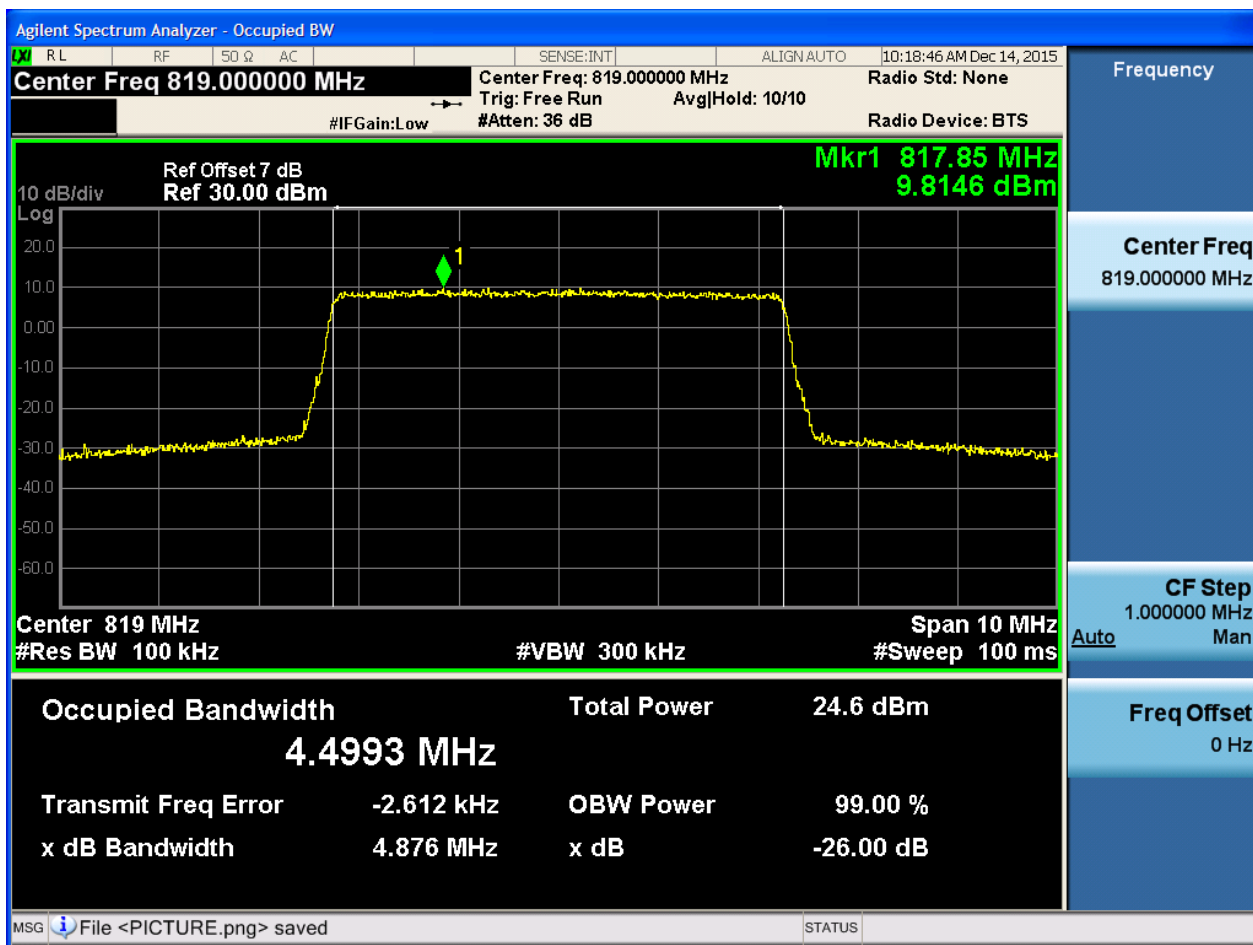
## 4.1.1.1.3.1.1 Test RB = RB25#0





## 4.1.1.1.3.2 Test Channel = MCH

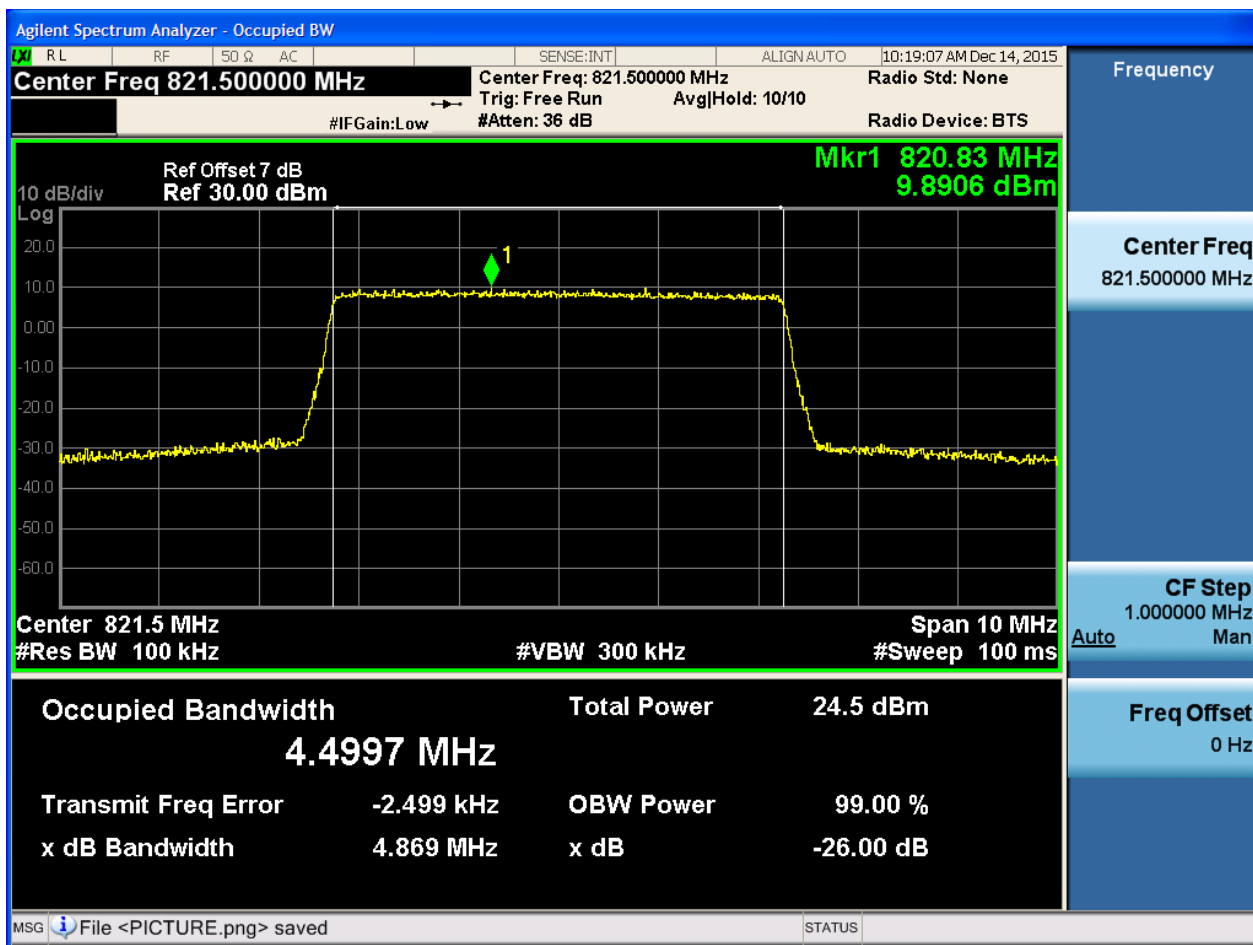
## 4.1.1.1.3.2.1 Test RB = RB25#0





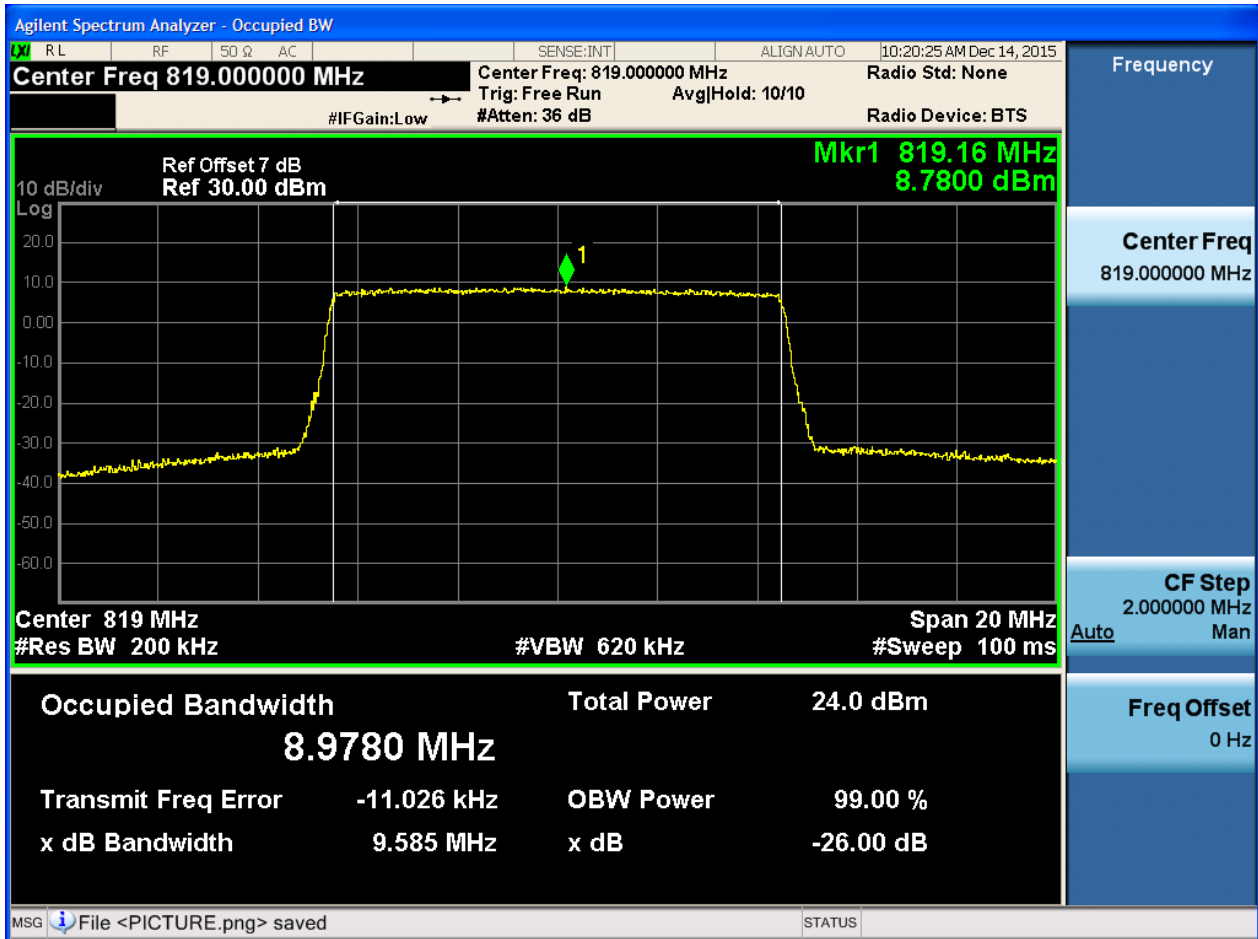
## 4.1.1.1.3.3 Test Channel = HCH

## 4.1.1.1.3.3.1 Test RB = RB25#0





#### 4.1.1.1.4.1.1 Test RB = RB50#0

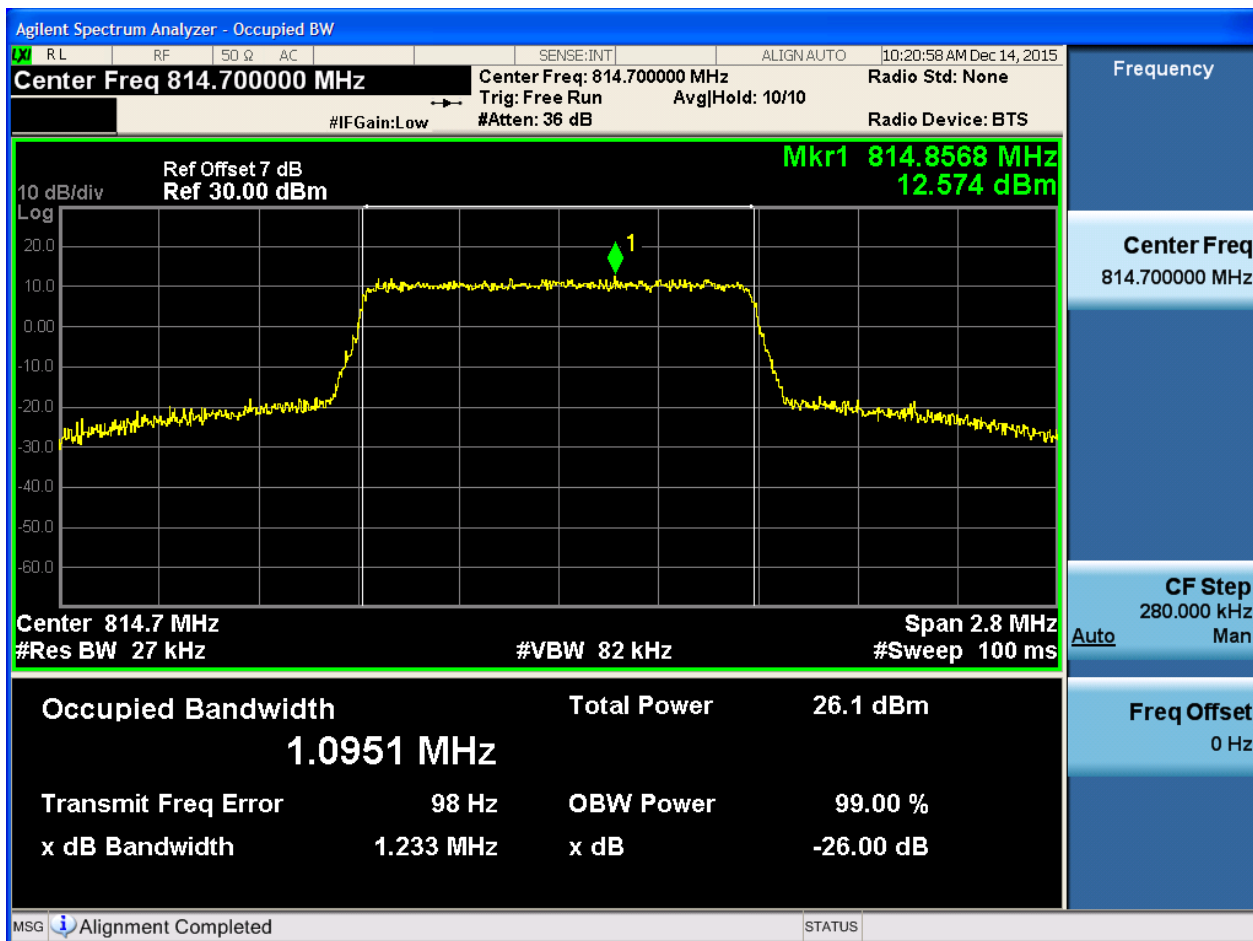


#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 1.4

##### 4.1.1.2.1.1 Test Channel = LCH

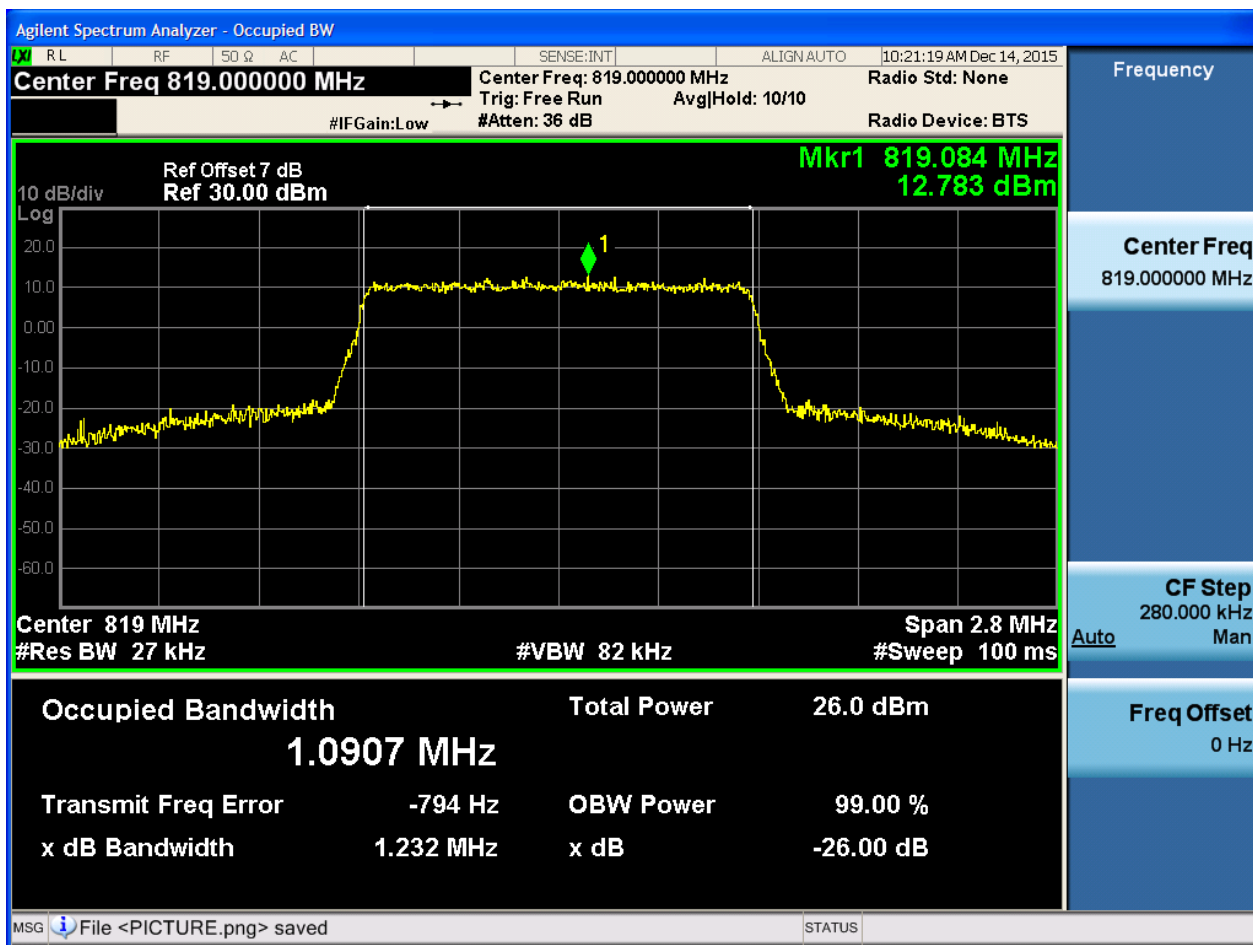
##### 4.1.1.2.1.1.1 Test RB = RB6#0





## 4.1.1.2.1.2 Test Channel = MCH

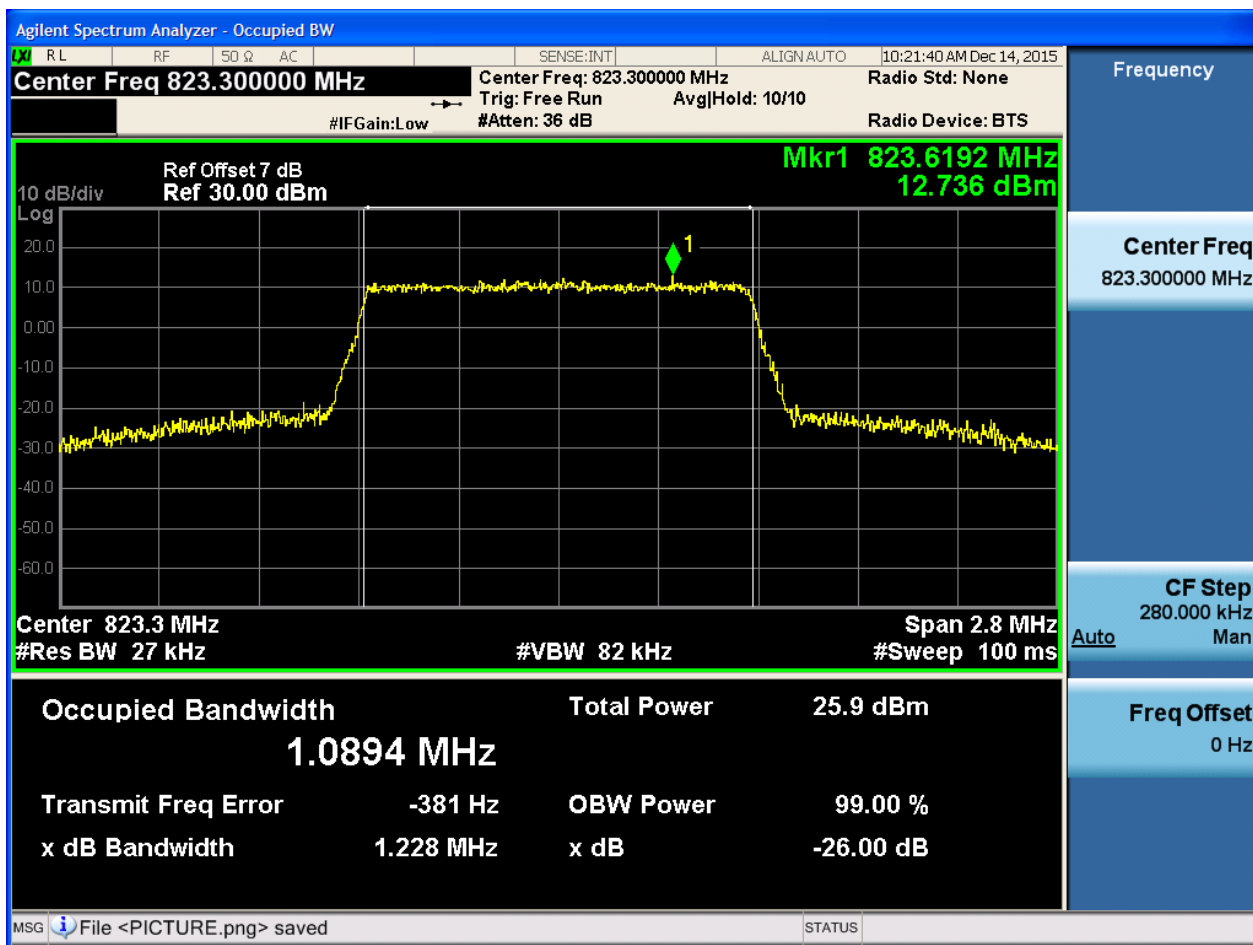
## 4.1.1.2.1.2.1 Test RB = RB6#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB6#0

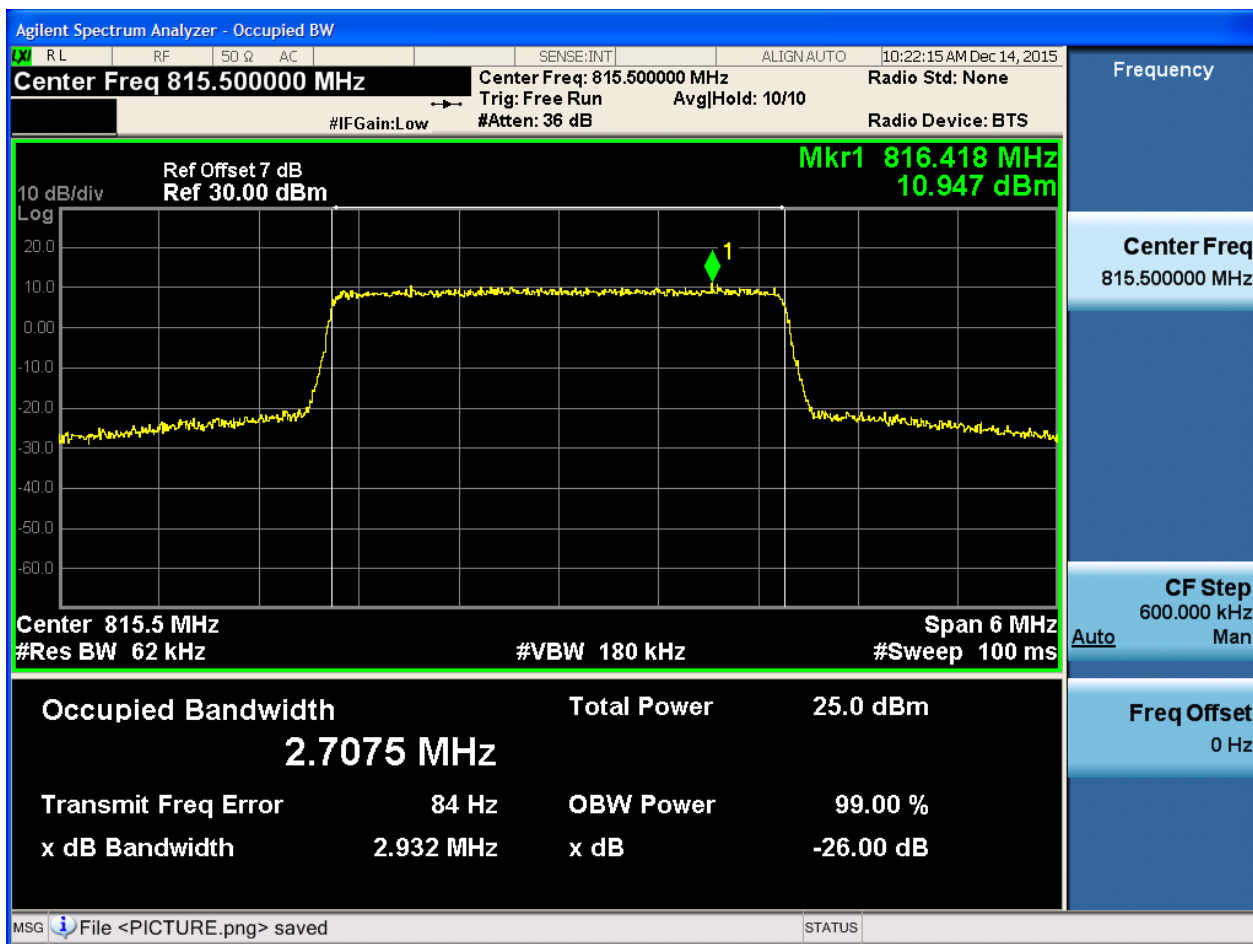




## 4.1.1.2.2 Test Bandwidth = 3

## 4.1.1.2.2.1 Test Channel = LCH

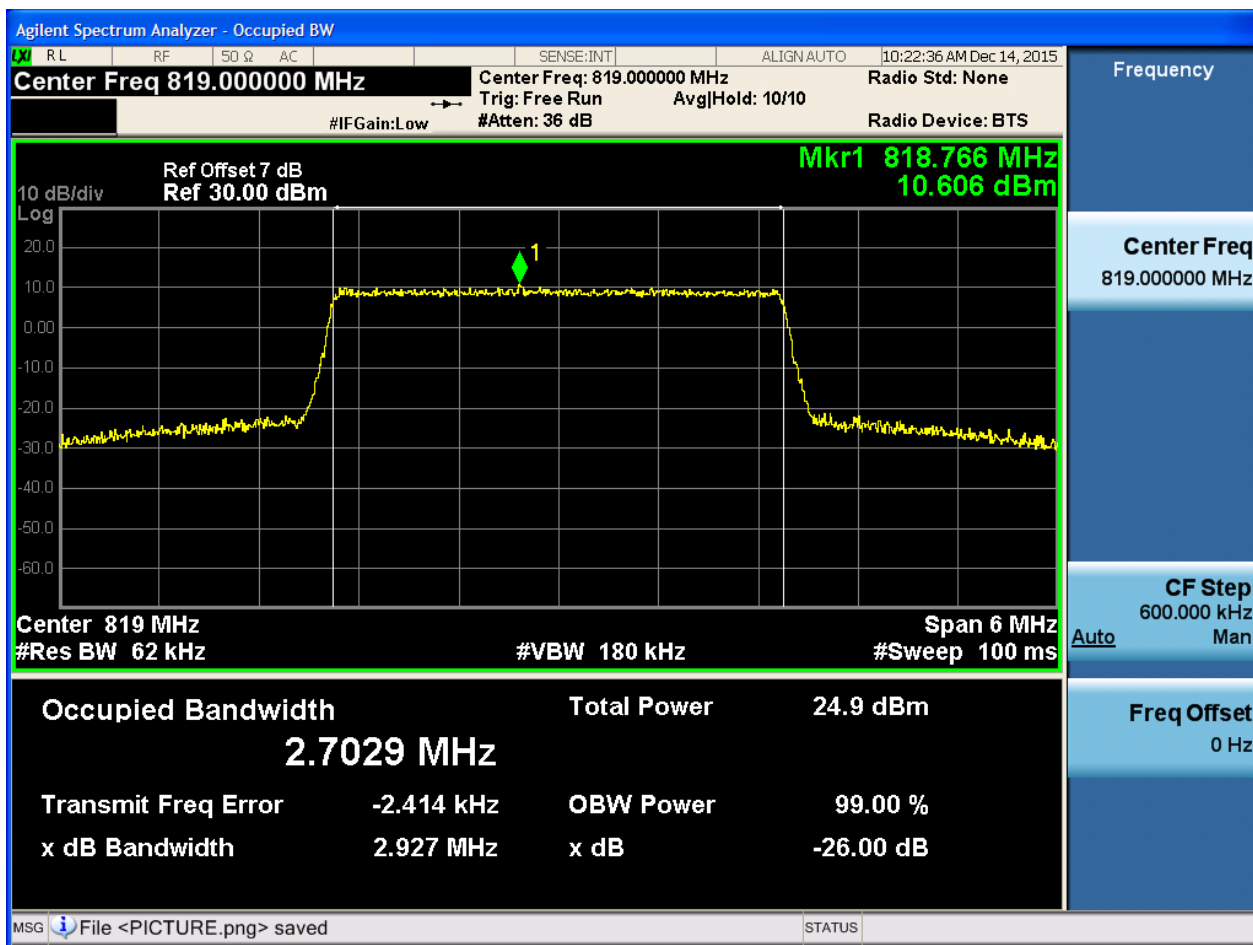
## 4.1.1.2.2.1.1 Test RB = RB15#0





## 4.1.1.2.2.2 Test Channel = MCH

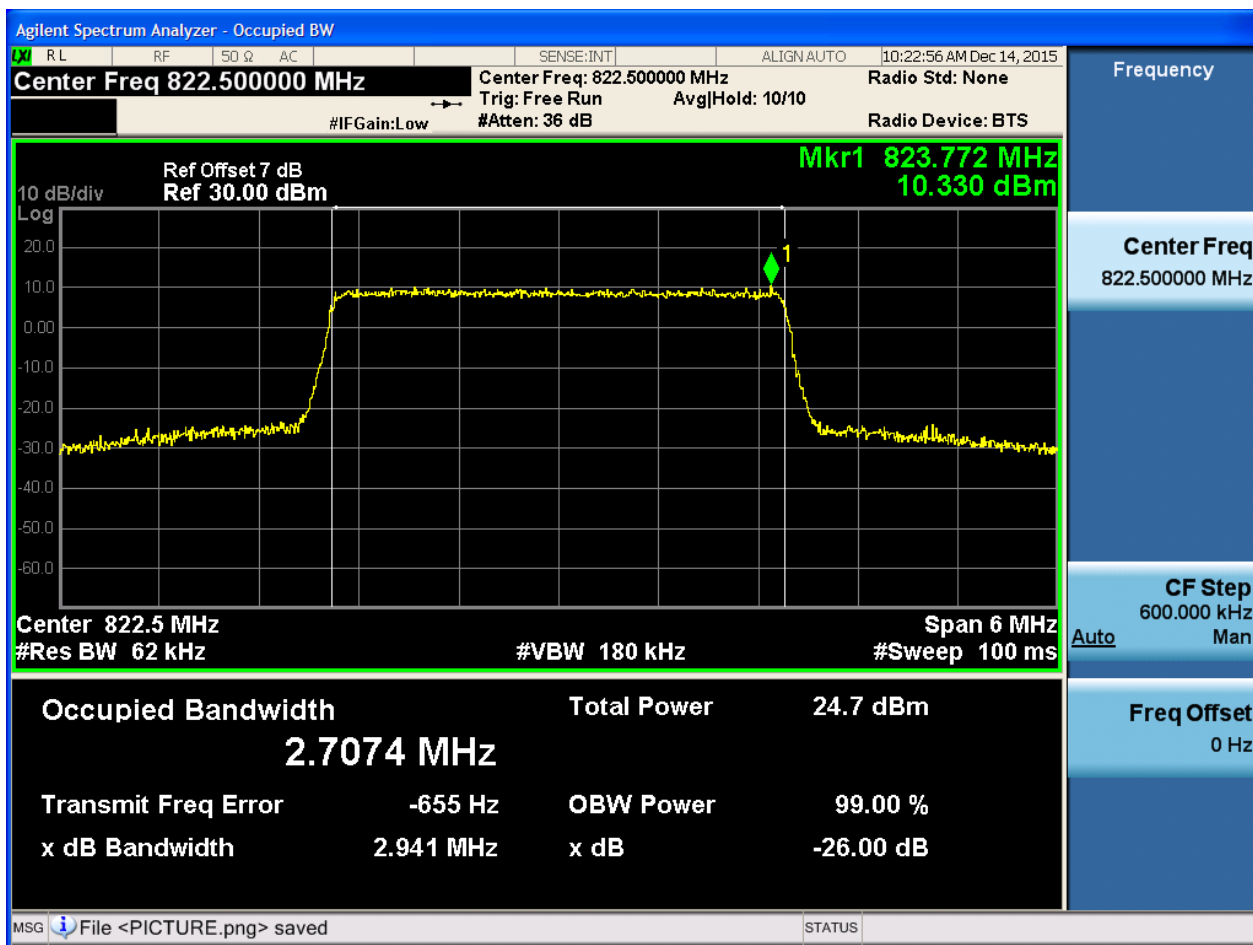
## 4.1.1.2.2.2.1 Test RB = RB15#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB15#0

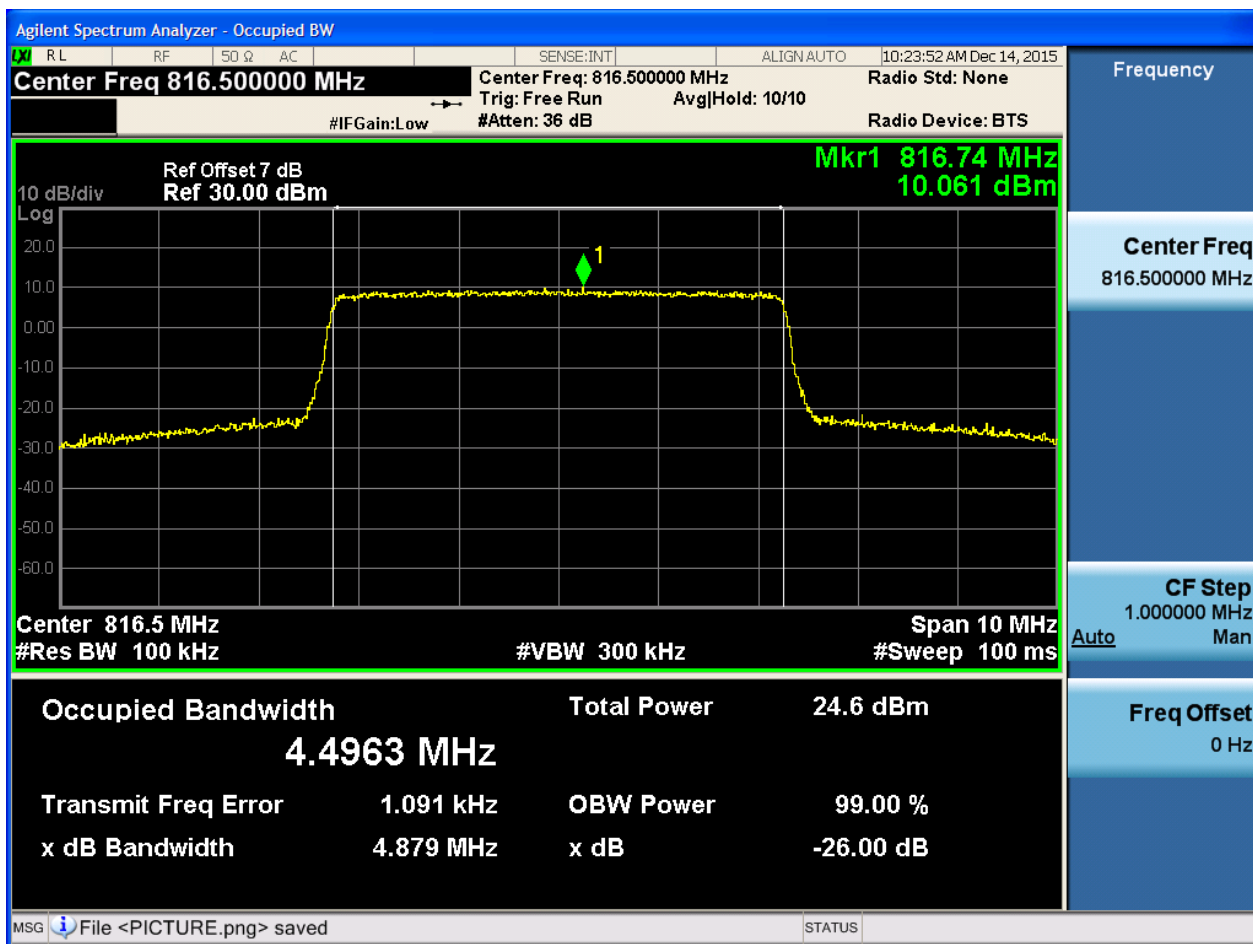




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

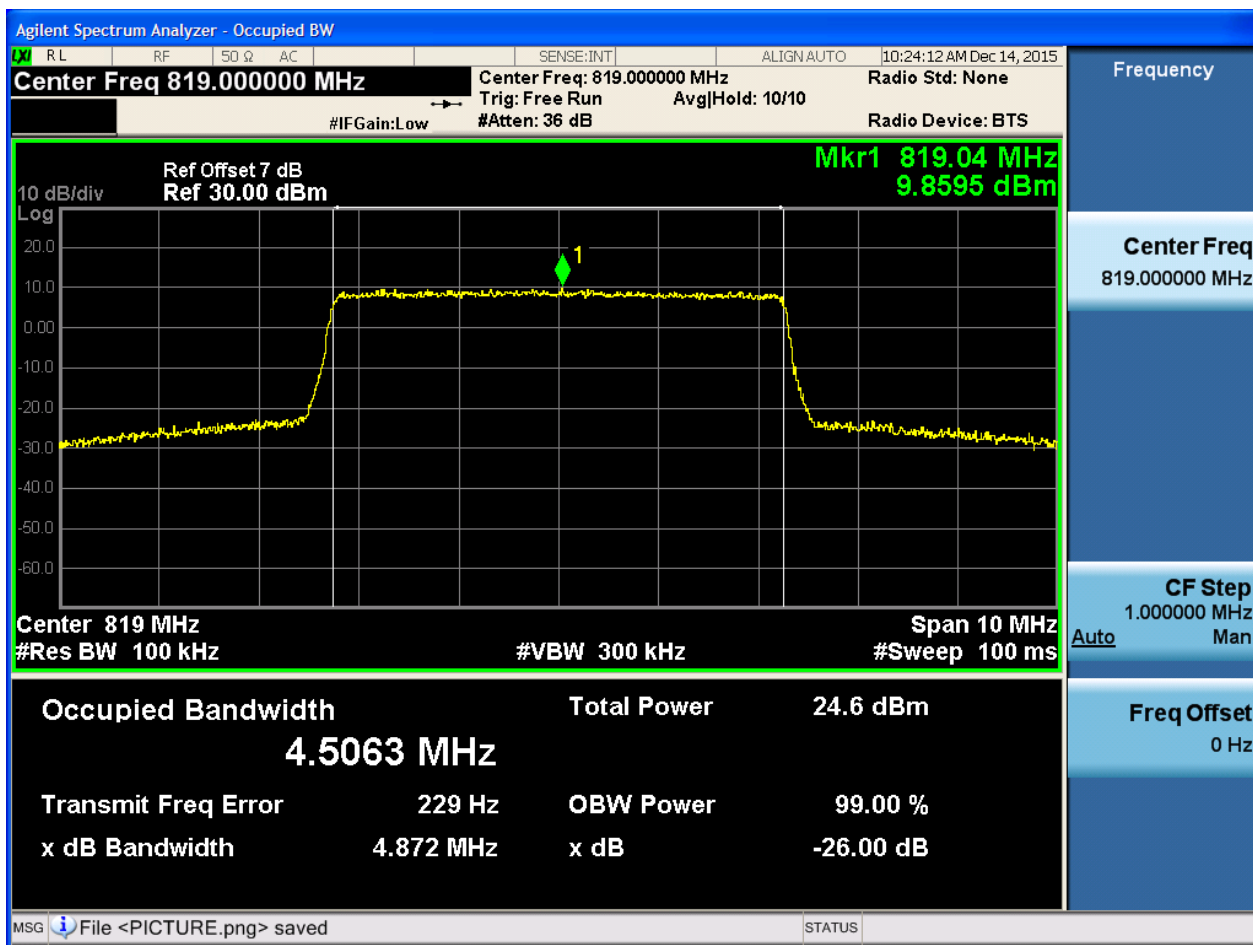
## 4.1.1.2.3.1.1 Test RB = RB25#0





## 4.1.1.2.3.2 Test Channel = MCH

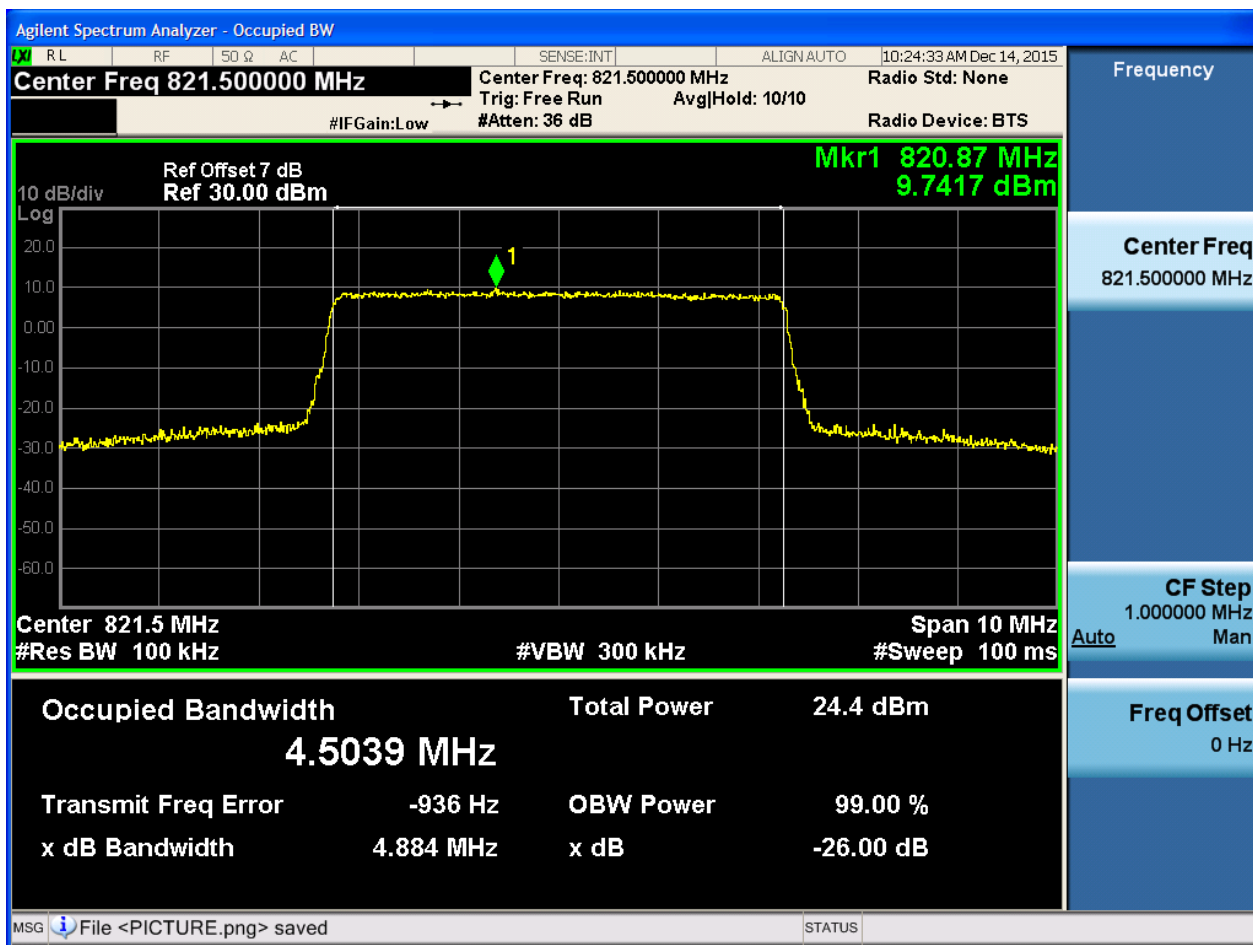
## 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

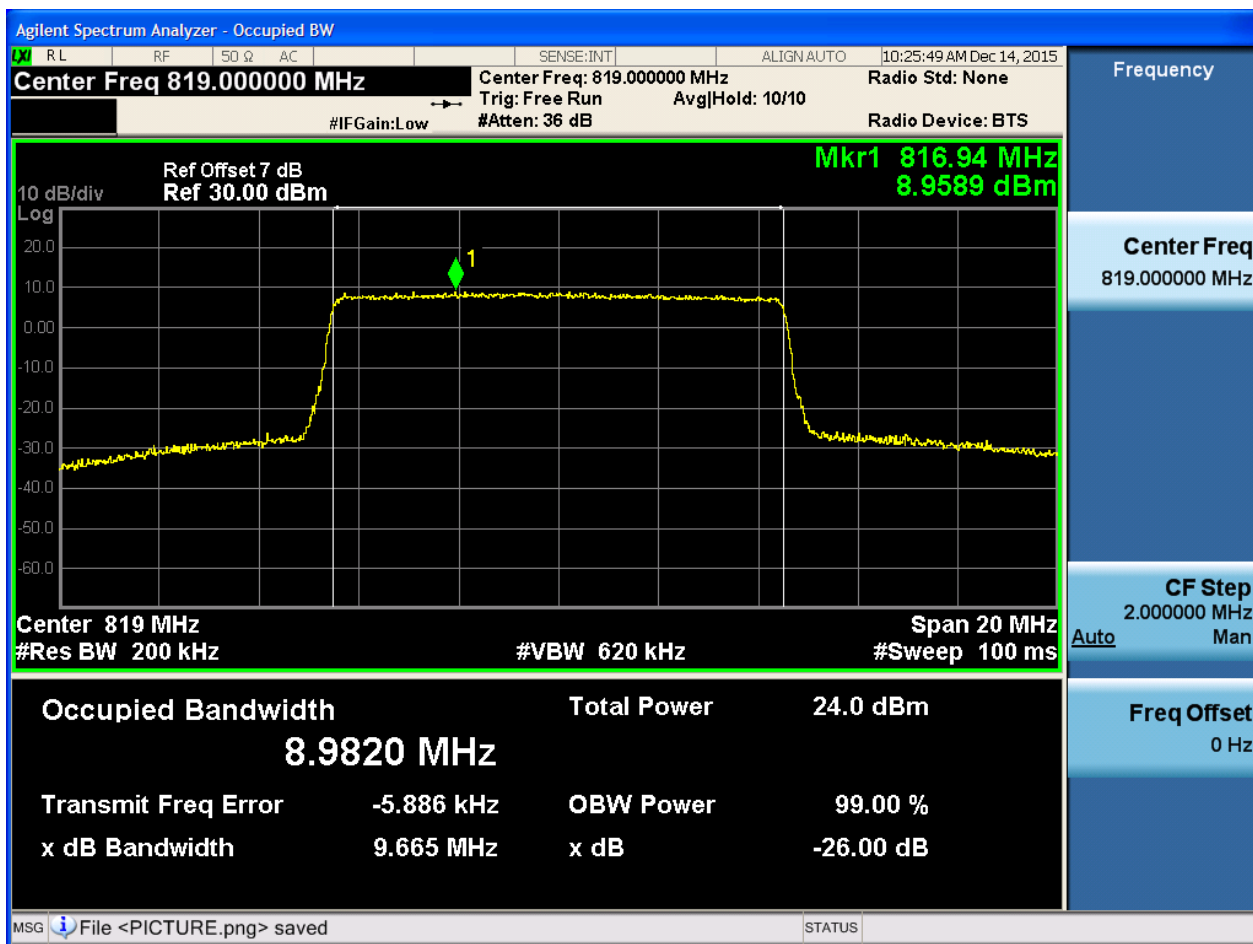




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH/MCH/HCH

## 4.1.1.2.4.1.1 Test RB = RB50#0





## 5Appendix\_E: Band Edges Compliance

## Part I - Test Plots

## 5.1 For LTE

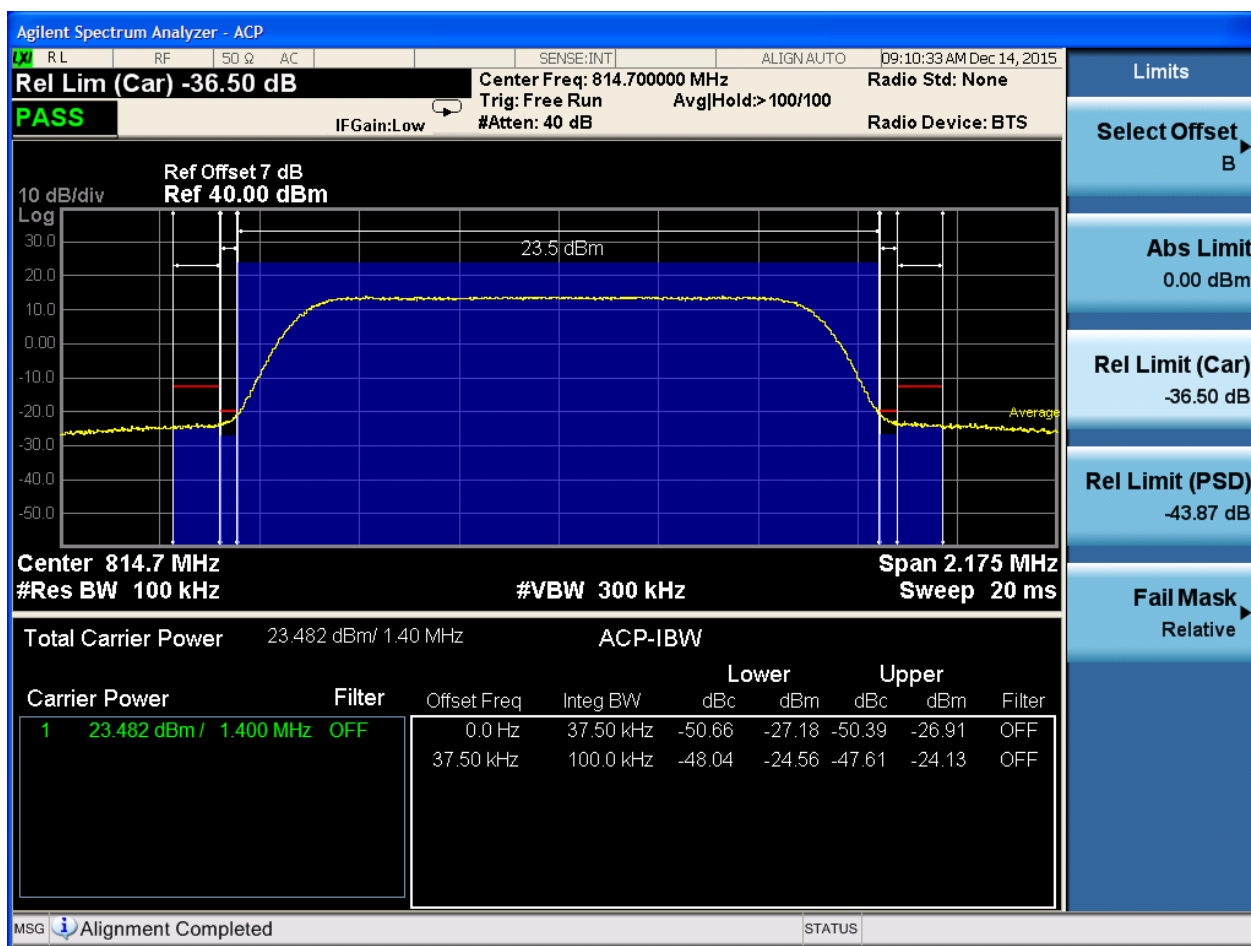
## 5.1.1 Test Band = BAND26

## 5.1.1.1 Test Mode = LTE/TM1

## 5.1.1.1.1 Test Bandwidth = 1.4

## 5.1.1.1.1.1 Test Channel = LCH

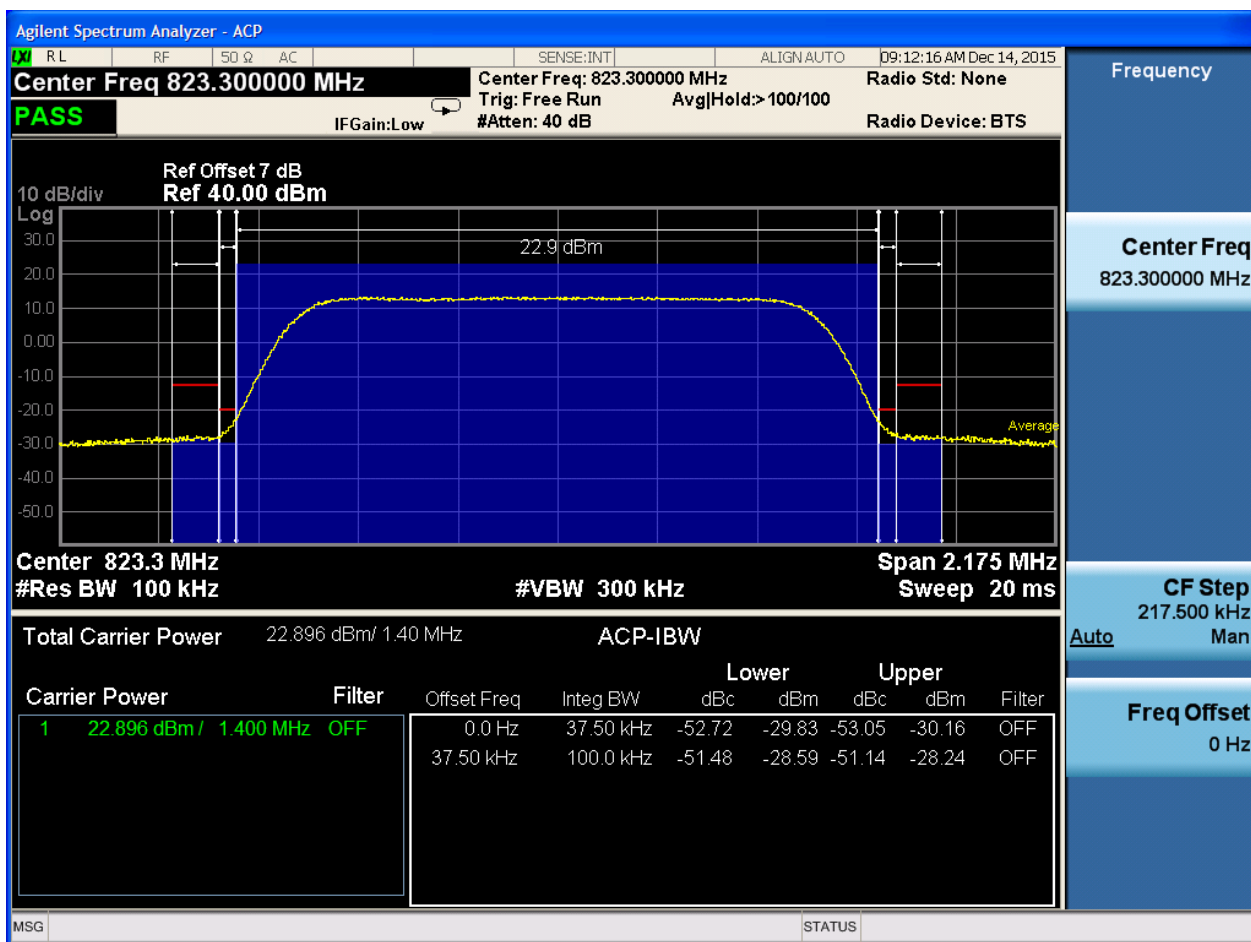
## 5.1.1.1.1.1 Test RB = RB6#0





## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB6#0

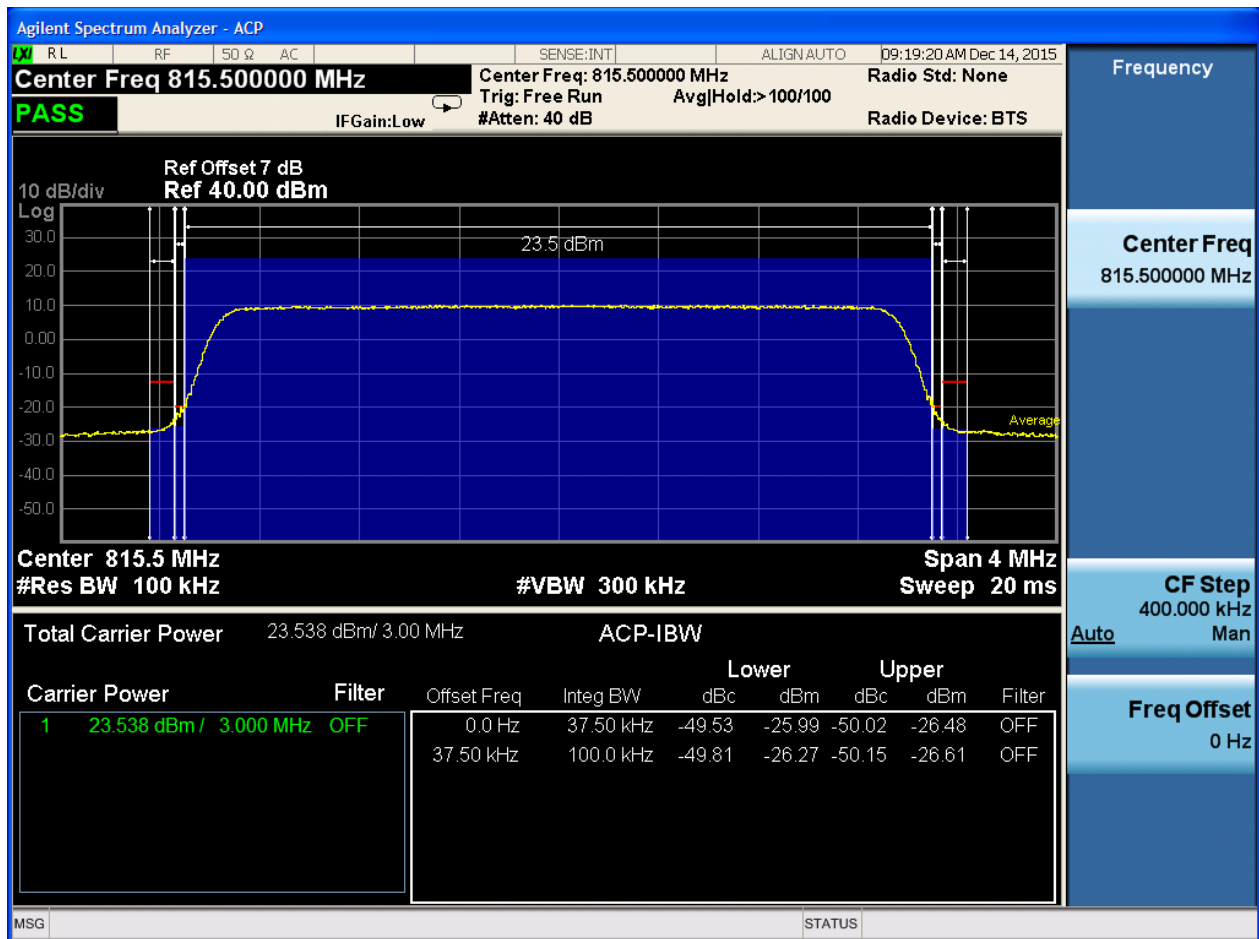




## 5.1.1.1.2 Test Bandwidth = 3

## 5.1.1.1.2.1 Test Channel = LCH

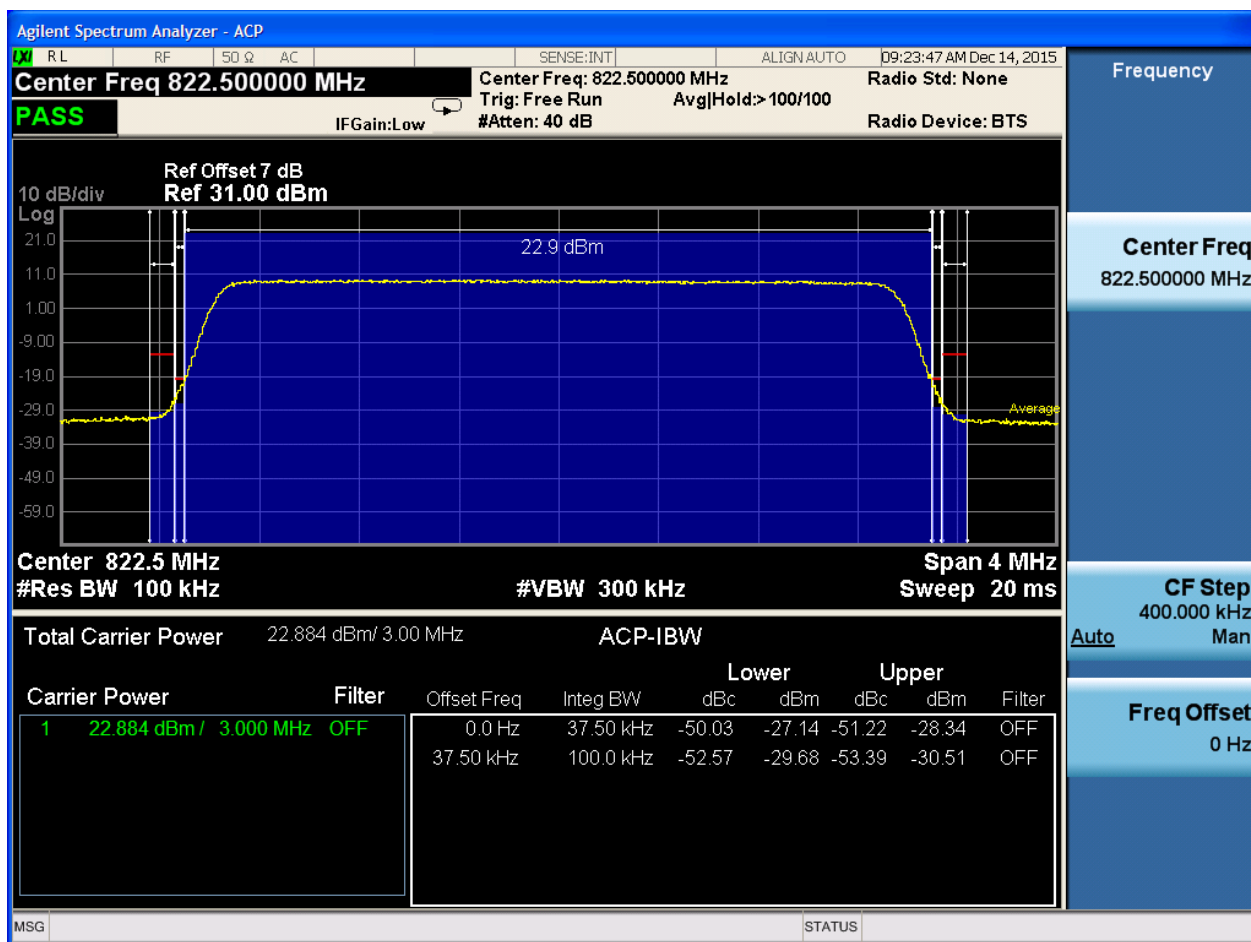
## 5.1.1.1.2.1.4 Test RB = RB15#0





## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.4 Test RB = RB15#0

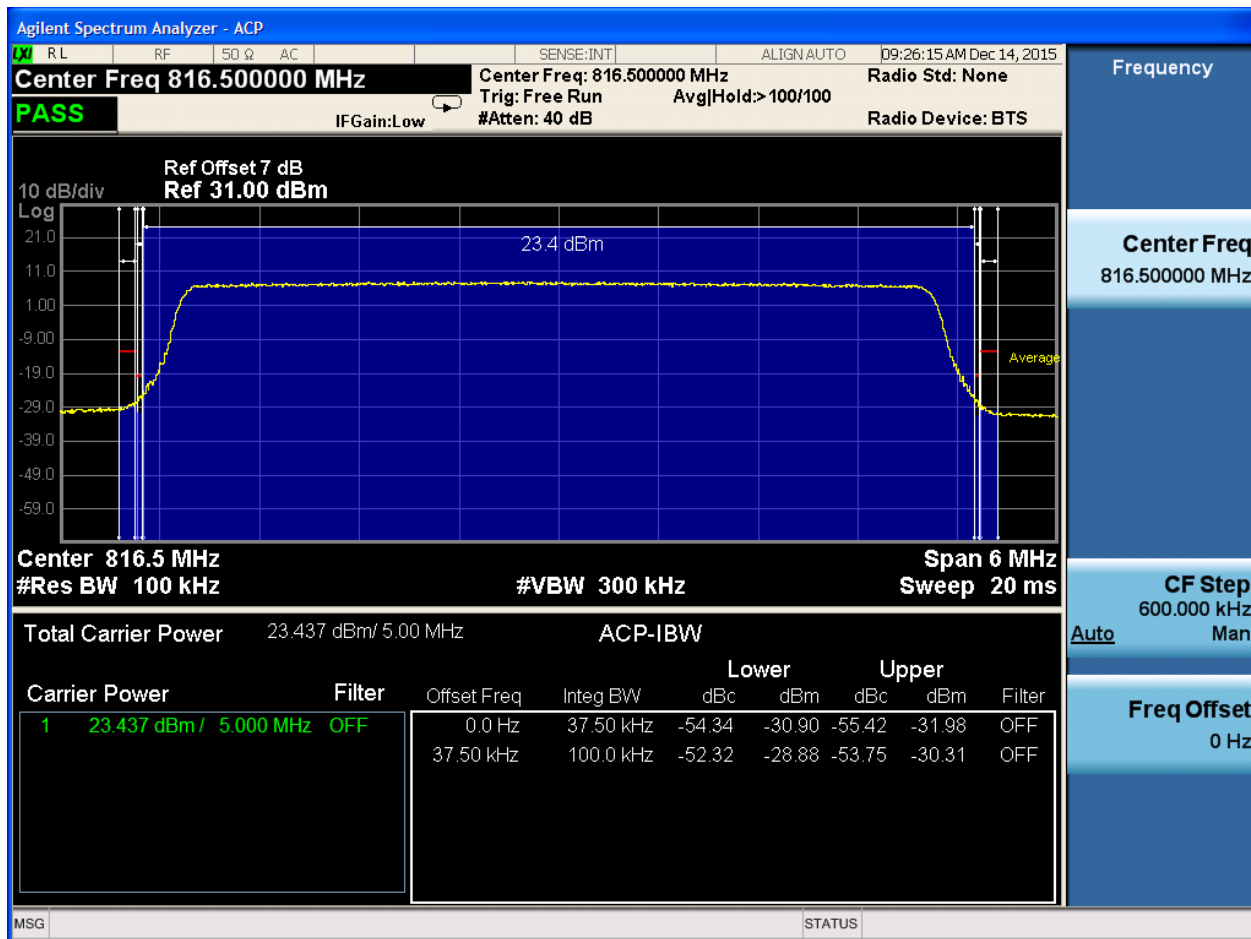




## 5.1.1.1.3 Test Bandwidth = 5

## 5.1.1.1.3.1 Test Channel = LCH

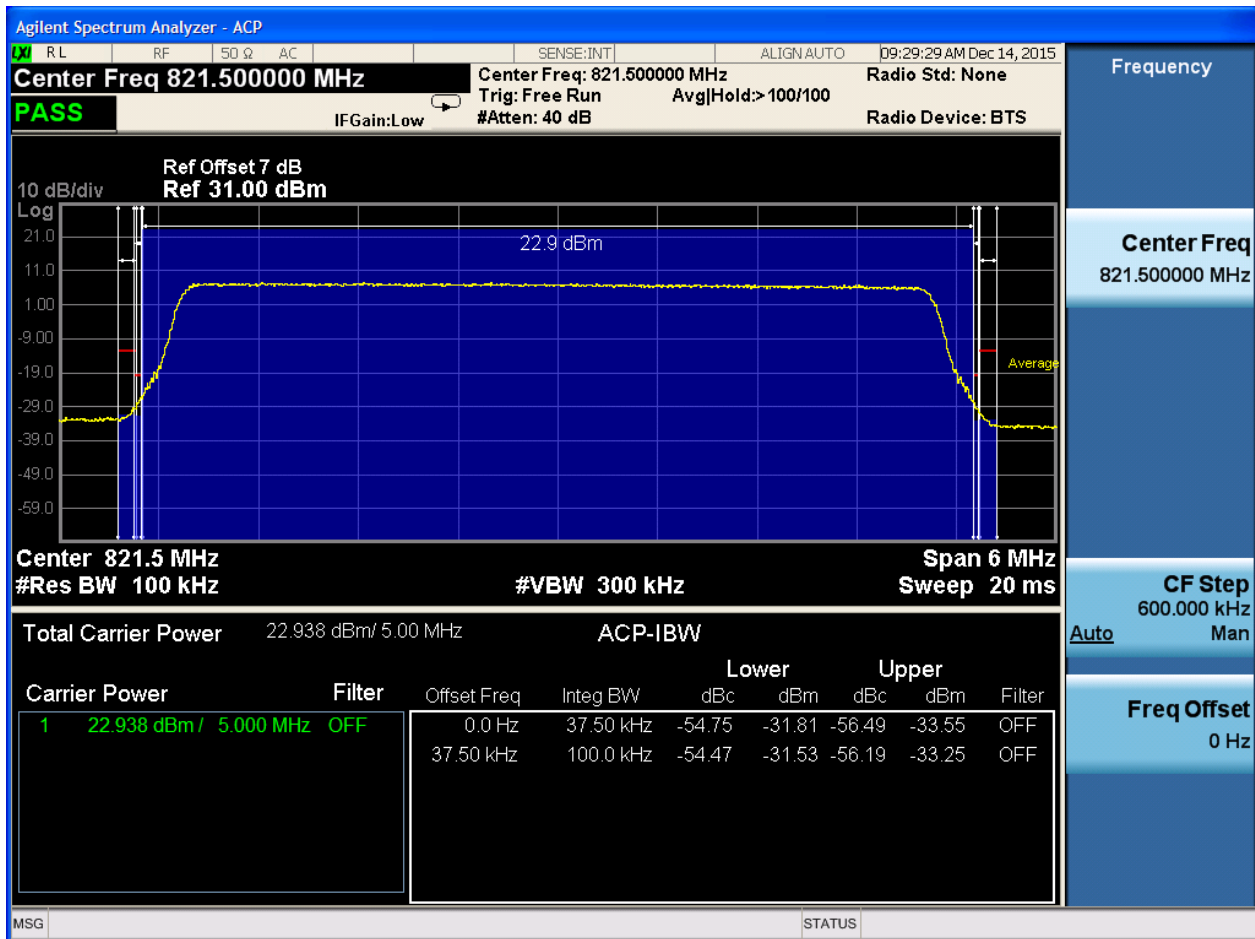
## 5.1.1.1.3.1.1 Test RB = RB25#0





## 5.1.1.1.3.1 Test Channel = HCH

## 5.1.1.1.3.1.1 Test RB = RB25#0

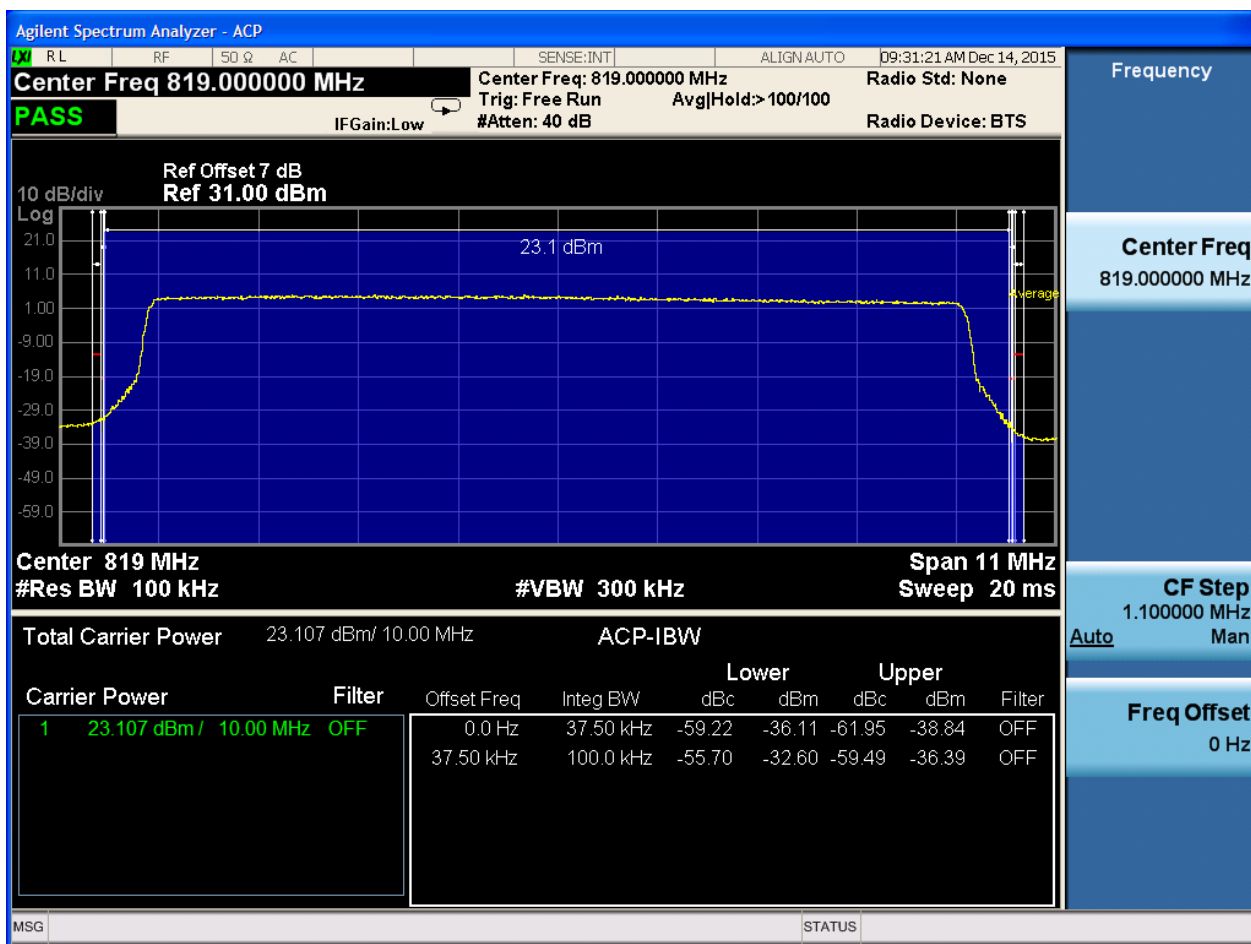




## 5.1.1.1.3 Test Bandwidth = 10

## 5.1.1.1.3.1 Test Channel = LCH/MCH/HCH

## 5.1.1.1.3.1.1 Test RB = RB50#0



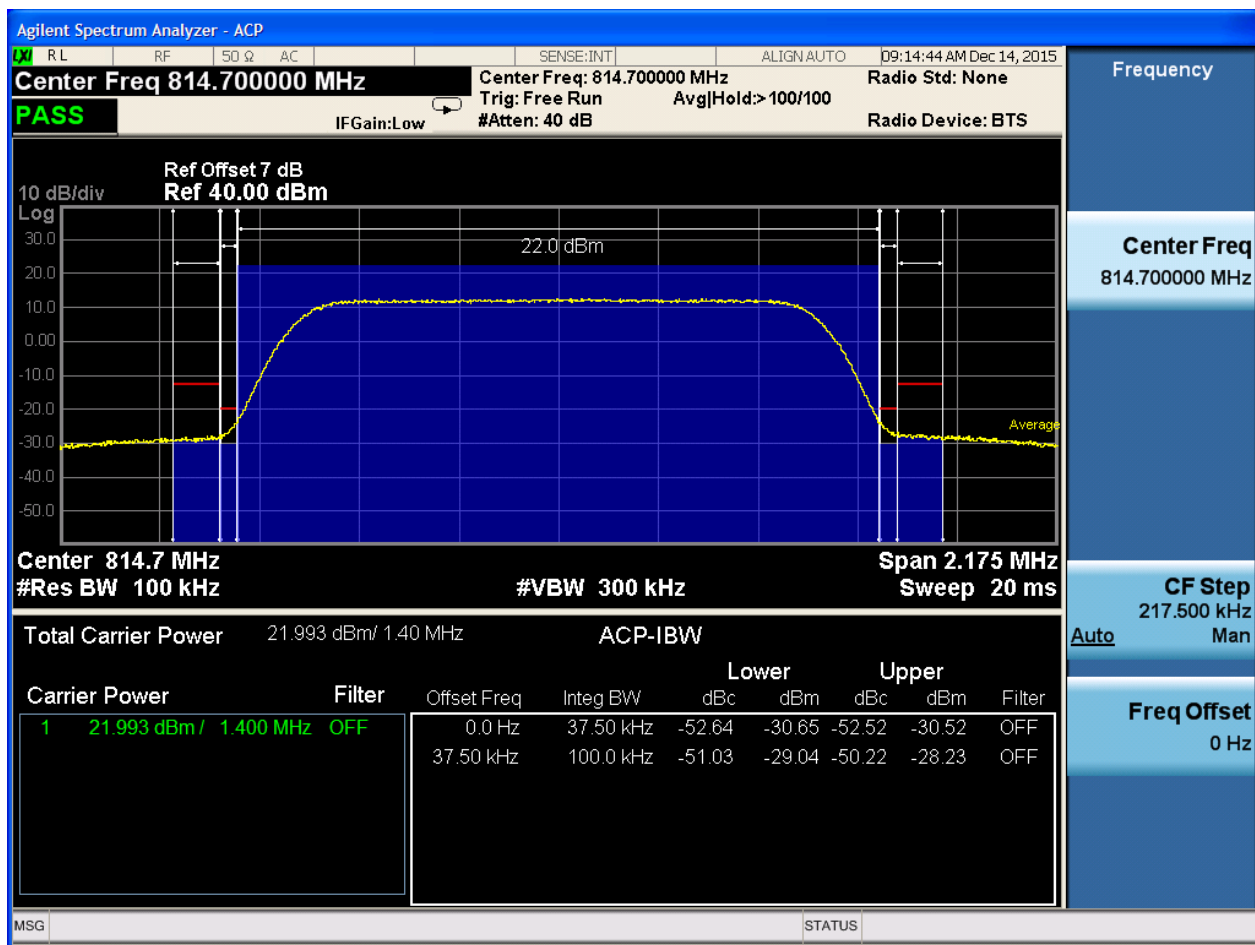


## 5.1.1.2 Test Mode = LTE/TM2

## 5.1.1.2.1 Test Bandwidth = 1.4

## 5.1.1.2.1.1 Test Channel = LCH

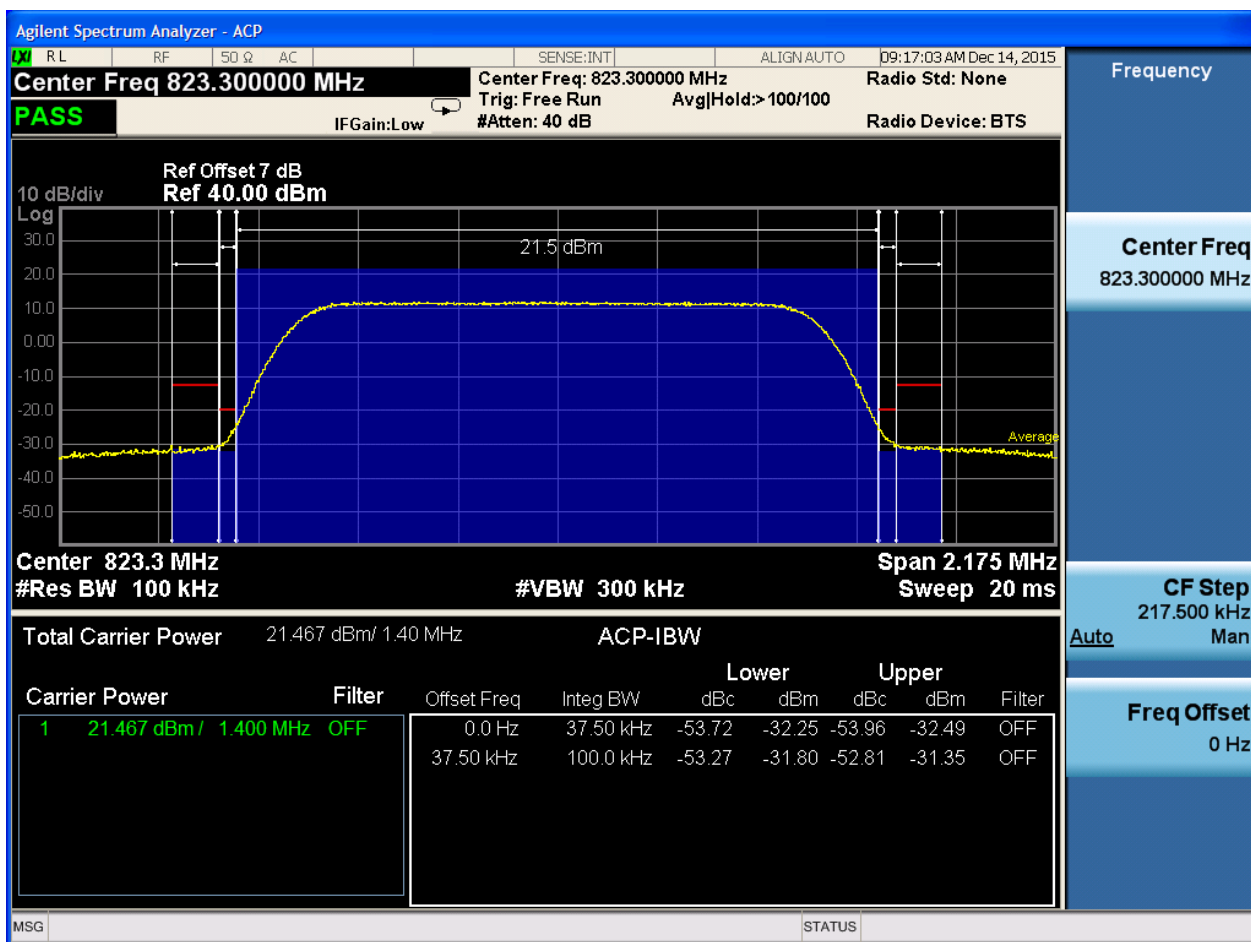
## 5.1.1.2.1.1.1 Test RB = RB6#0





## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB6#0

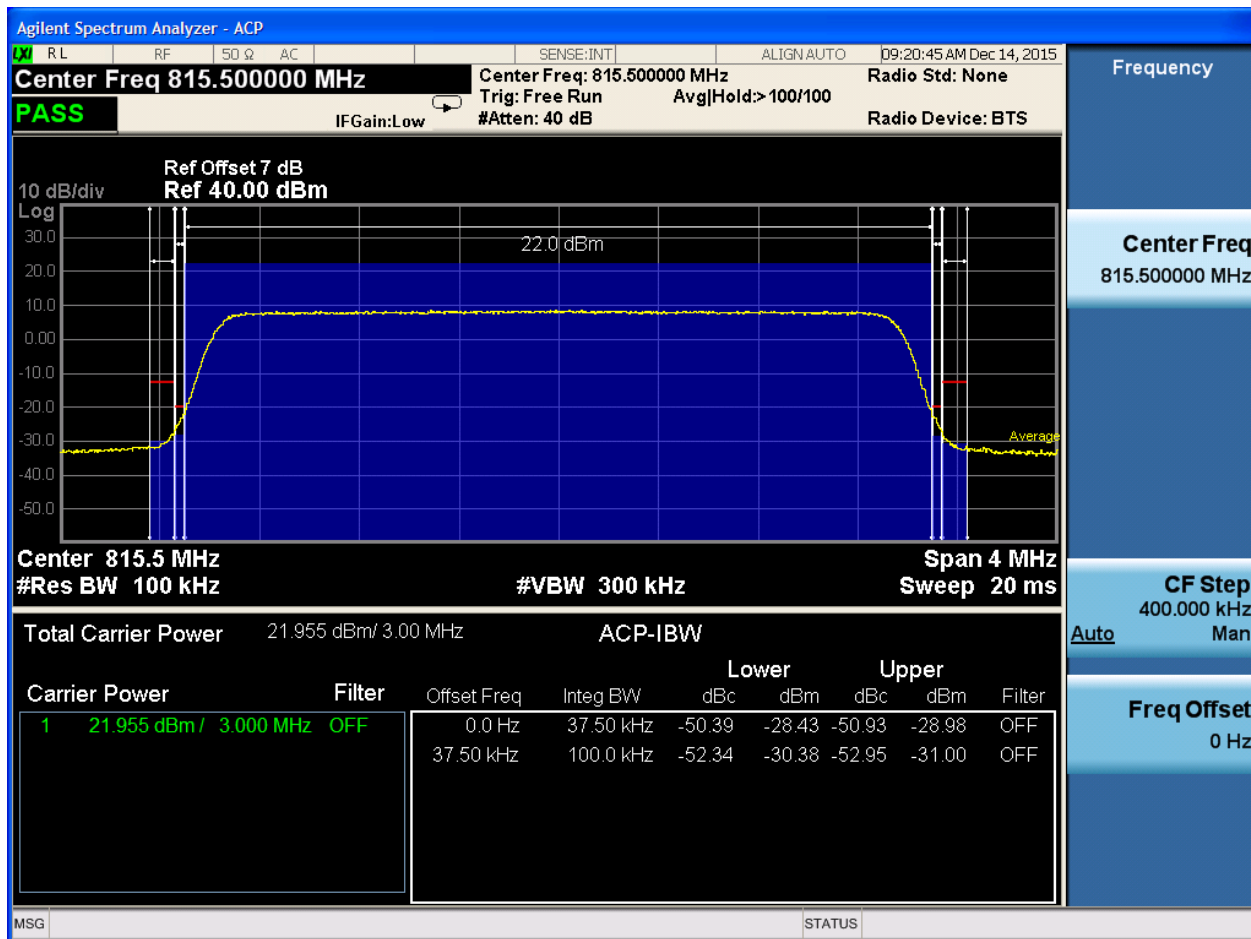




## 5.1.1.2.2 Test Bandwidth = 3

## 5.1.1.2.2.1 Test Channel = LCH

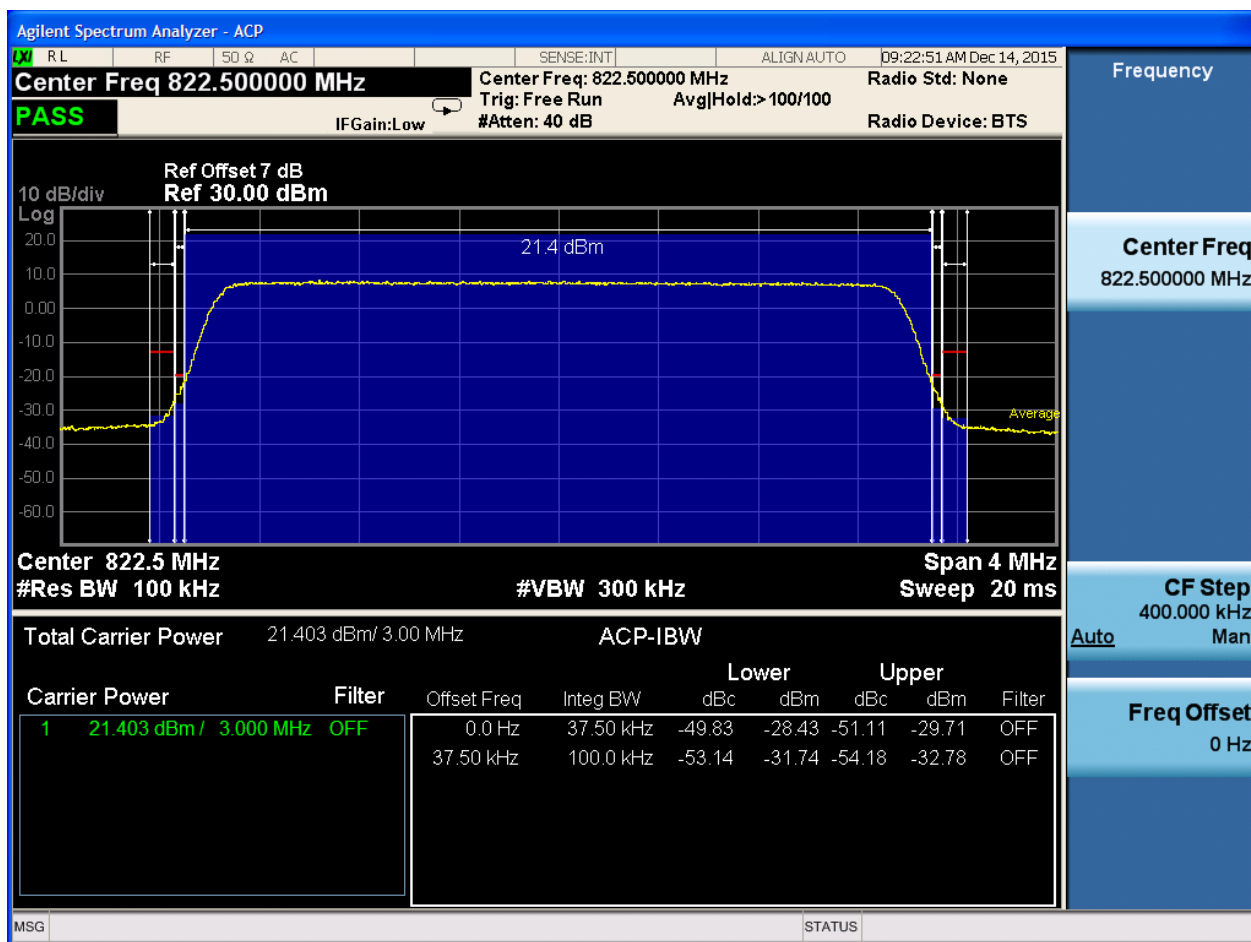
## 5.1.1.2.2.1.4 Test RB = RB15#0





## 5.1.1.2.2.2 Test Channel = HCH

## 5.1.1.2.2.2.4 Test RB = RB15#0

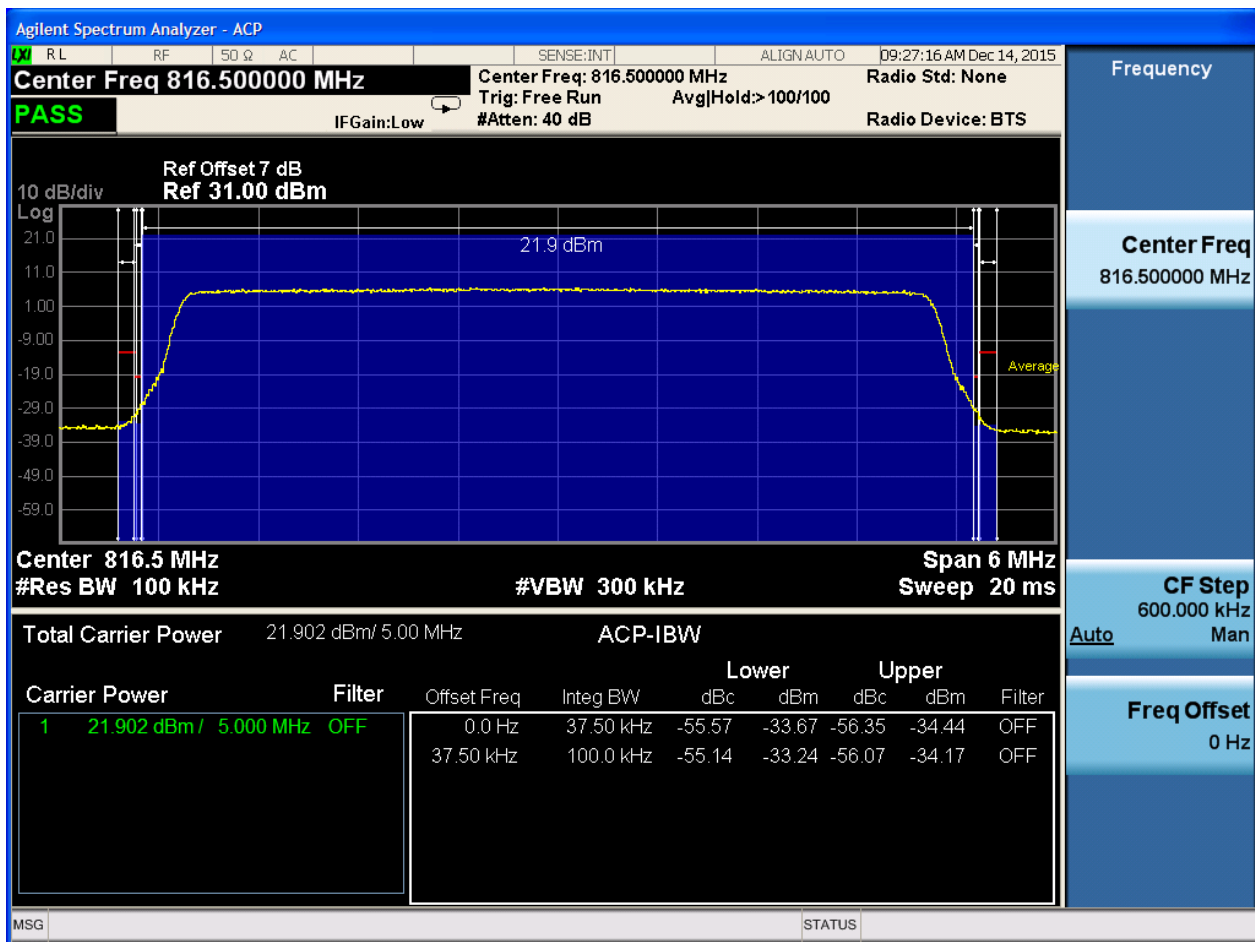




## 5.1.1.2.3 Test Bandwidth = 5

## 5.1.1.2.3.1 Test Channel = LCH

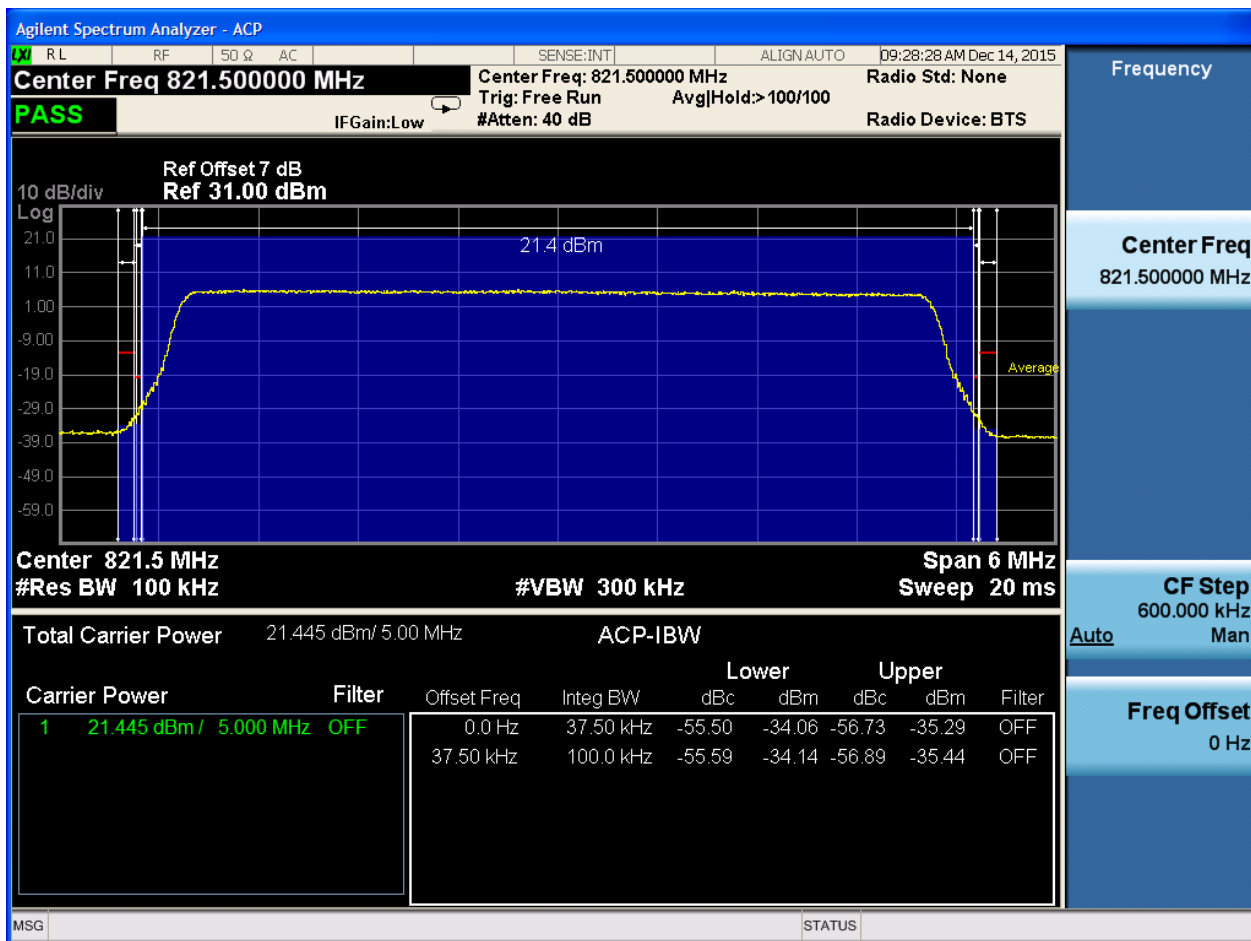
## 5.1.1.2.3.1.1 Test RB = RB25#0





## 5.1.1.2.3.1 Test Channel = HCH

## 5.1.1.2.3.1.1 Test RB = RB25#0

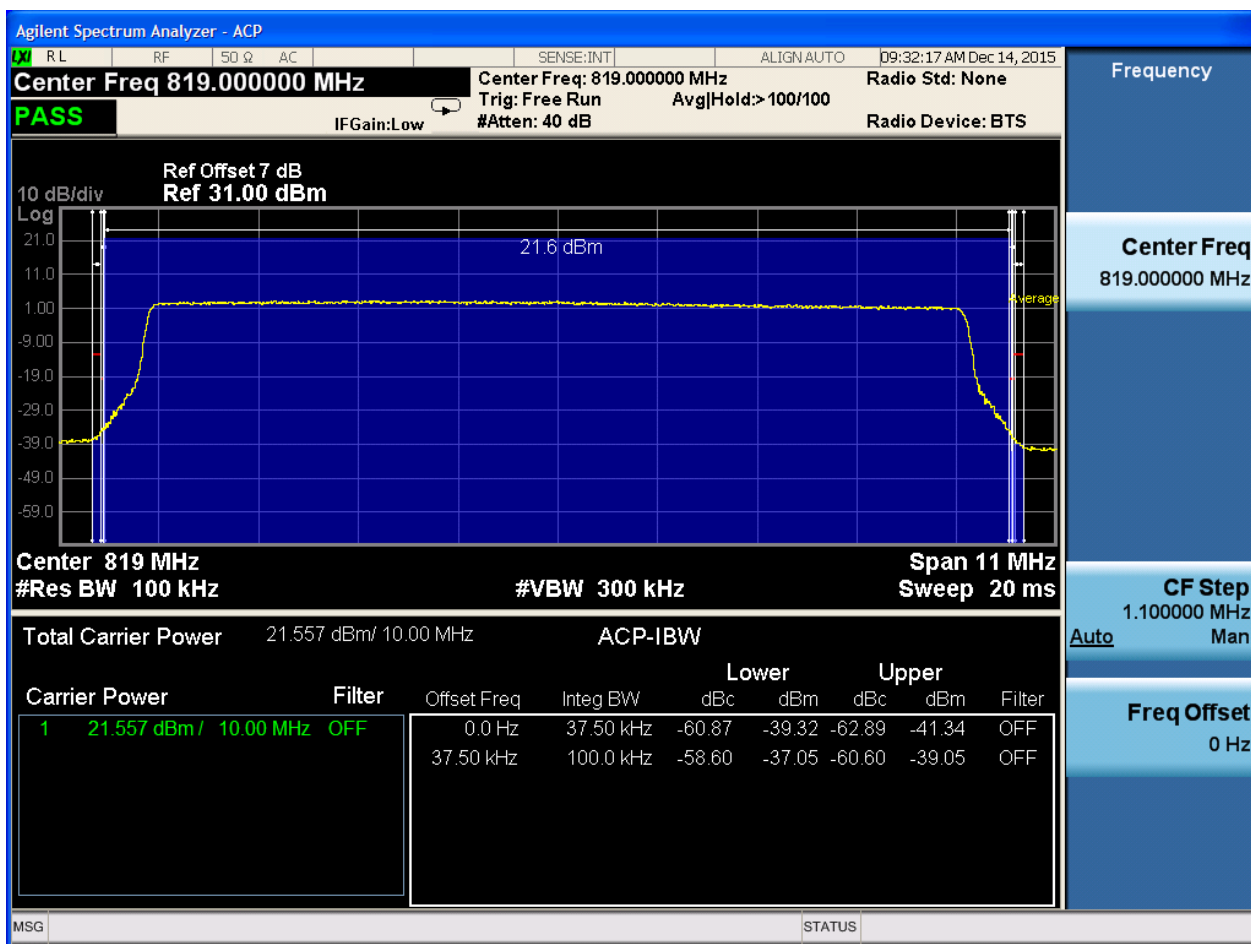




## 5.1.1.2.3 Test Bandwidth = 10

## 5.1.1.2.3.1 Test Channel = LCH/MCH/HCH

## 5.1.1.2.3.1.1 Test RB = RB50#0



## 6Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### Part I - Test Plots

#### 6.1 For LTE

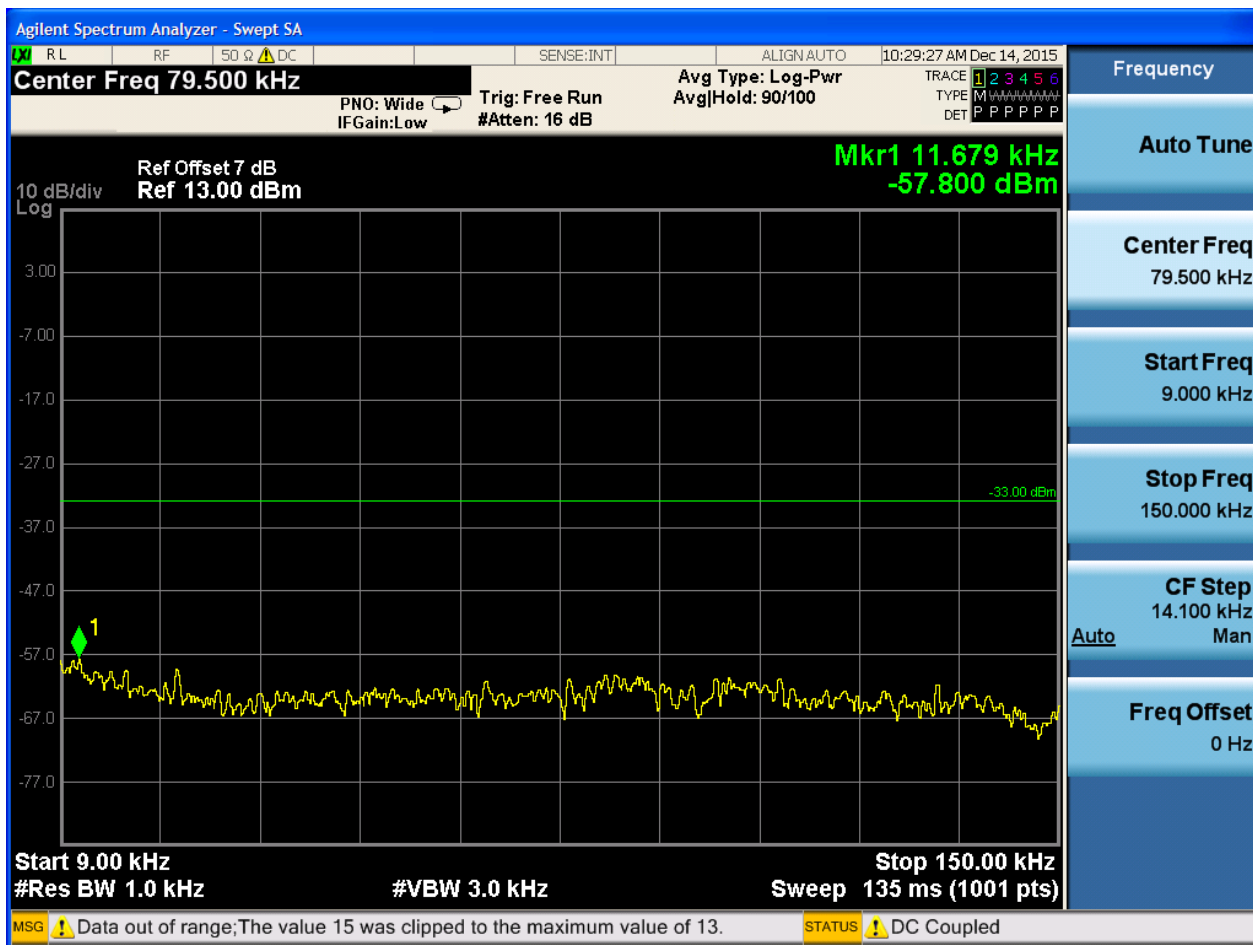
##### 6.1.1 Test Band = BAND26

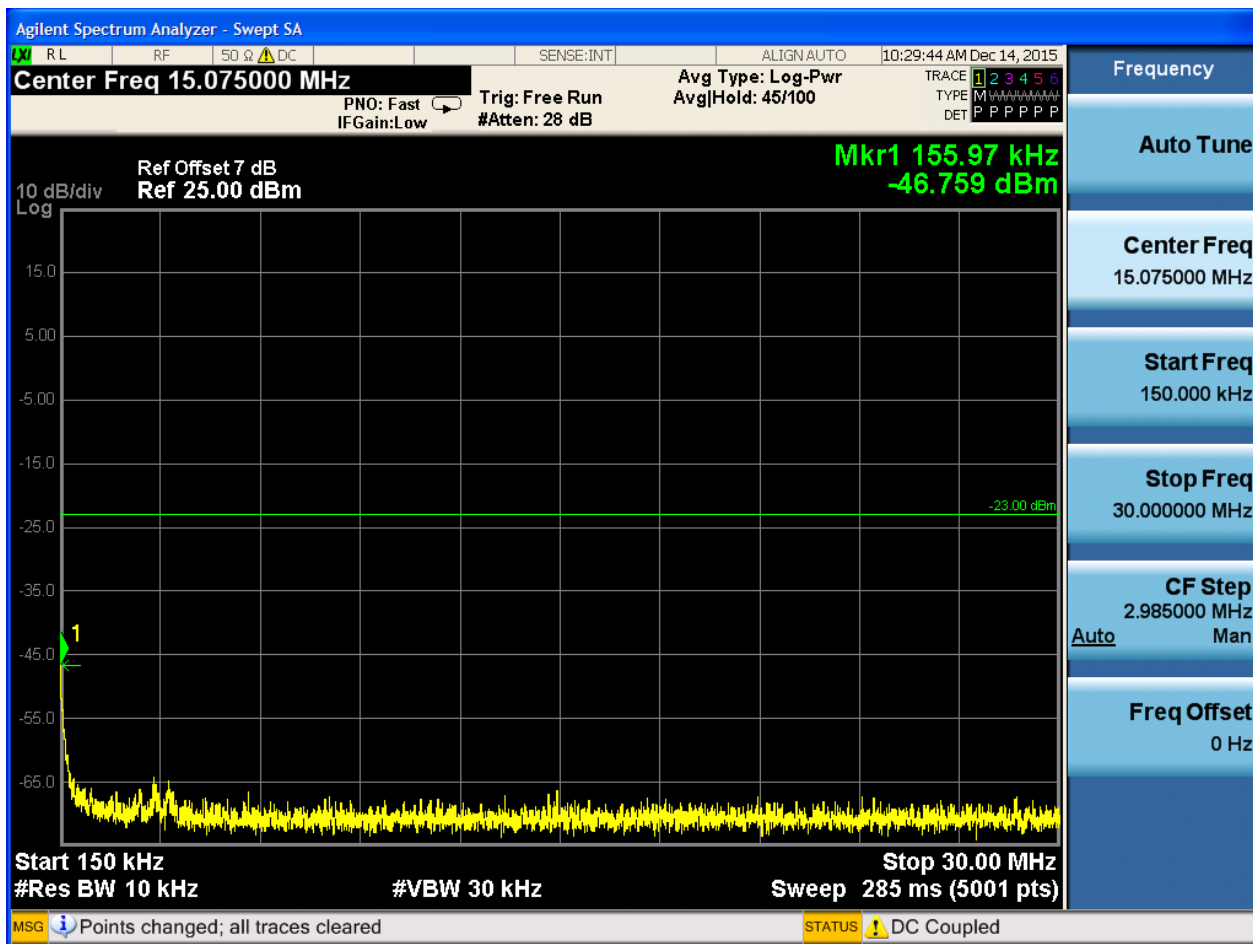
##### 6.1.1.1 Test Mode = LTE/TM1

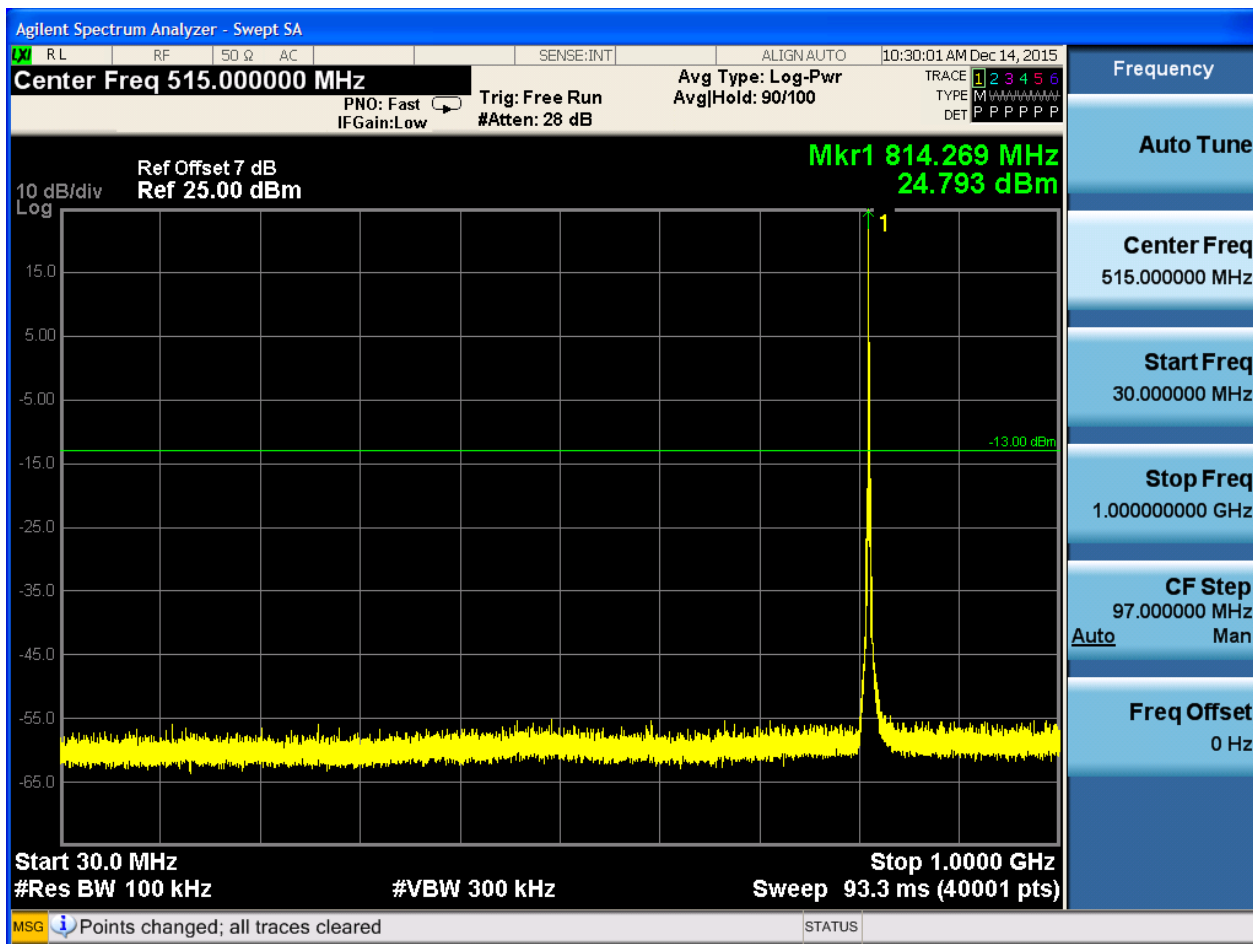
##### 6.1.1.1.1 Test Bandwidth = 1.4

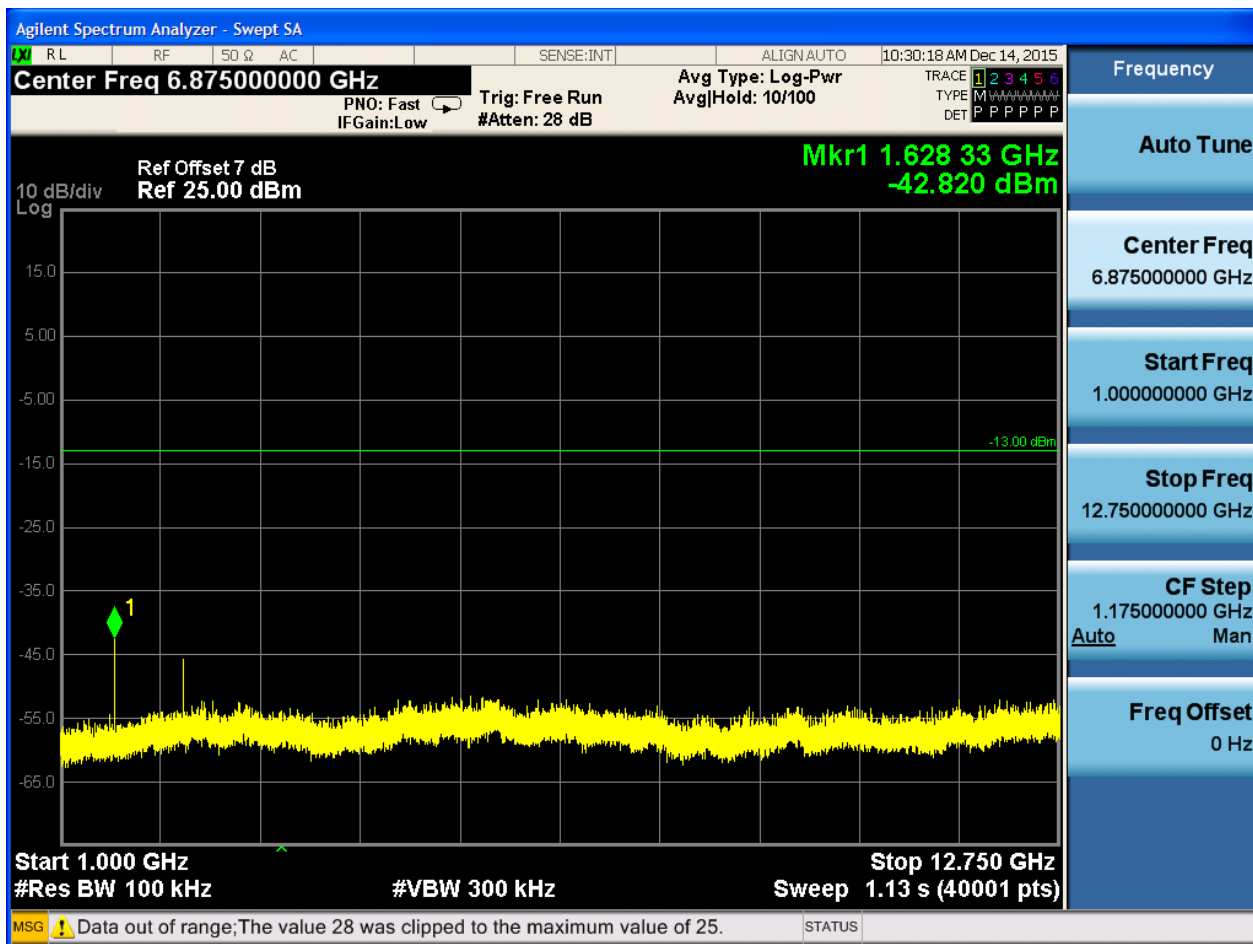
##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1.1 Test RB = RB1#0



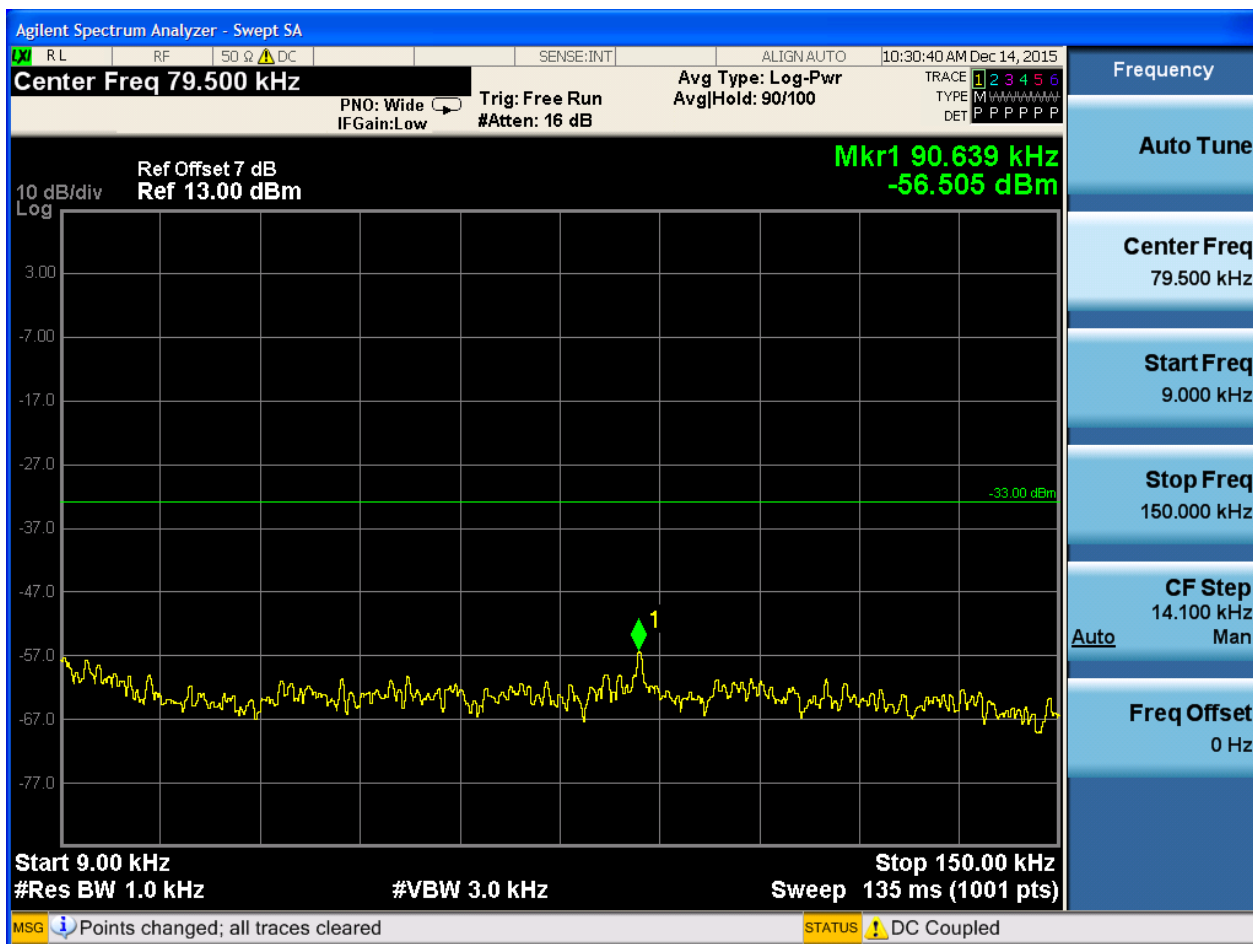




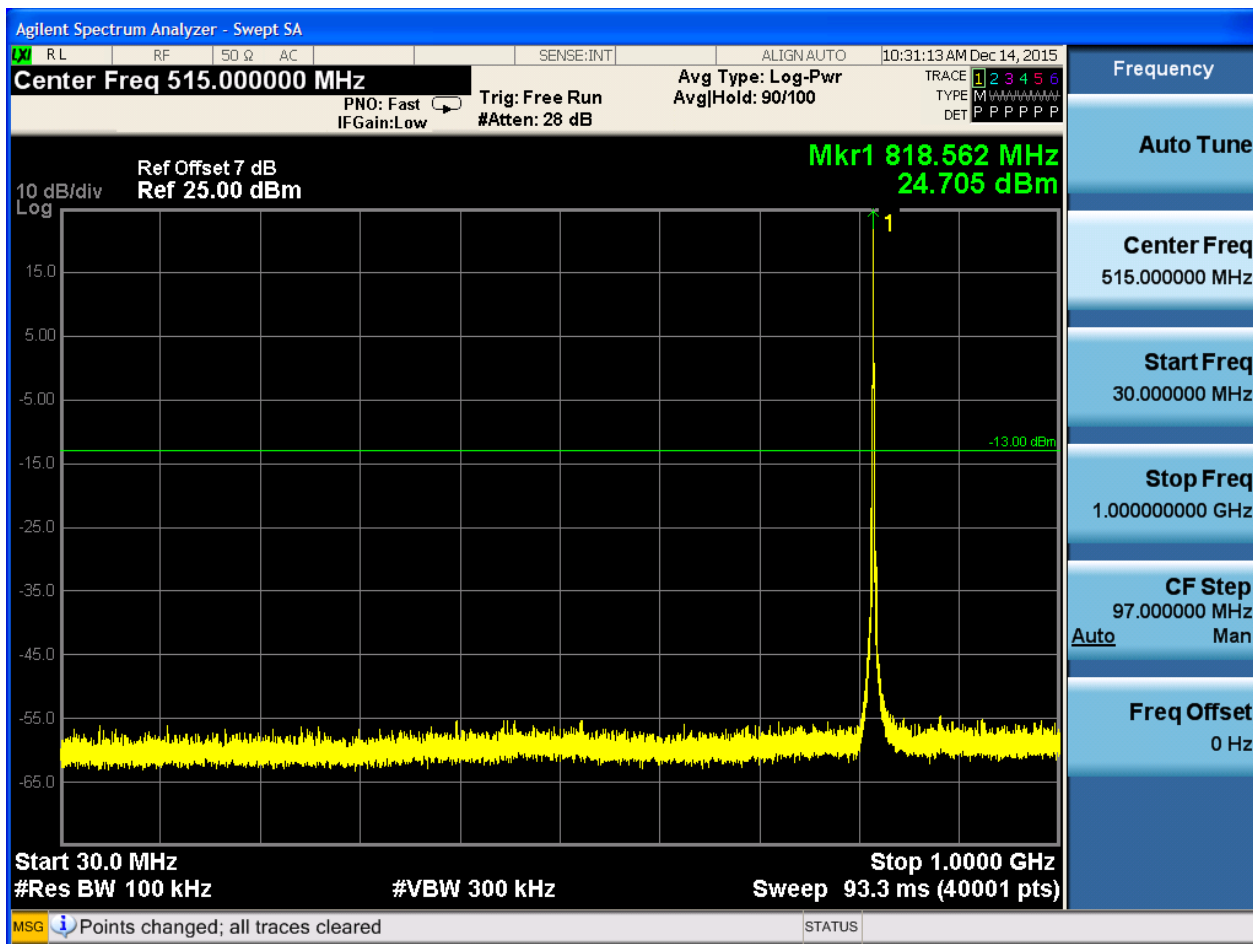


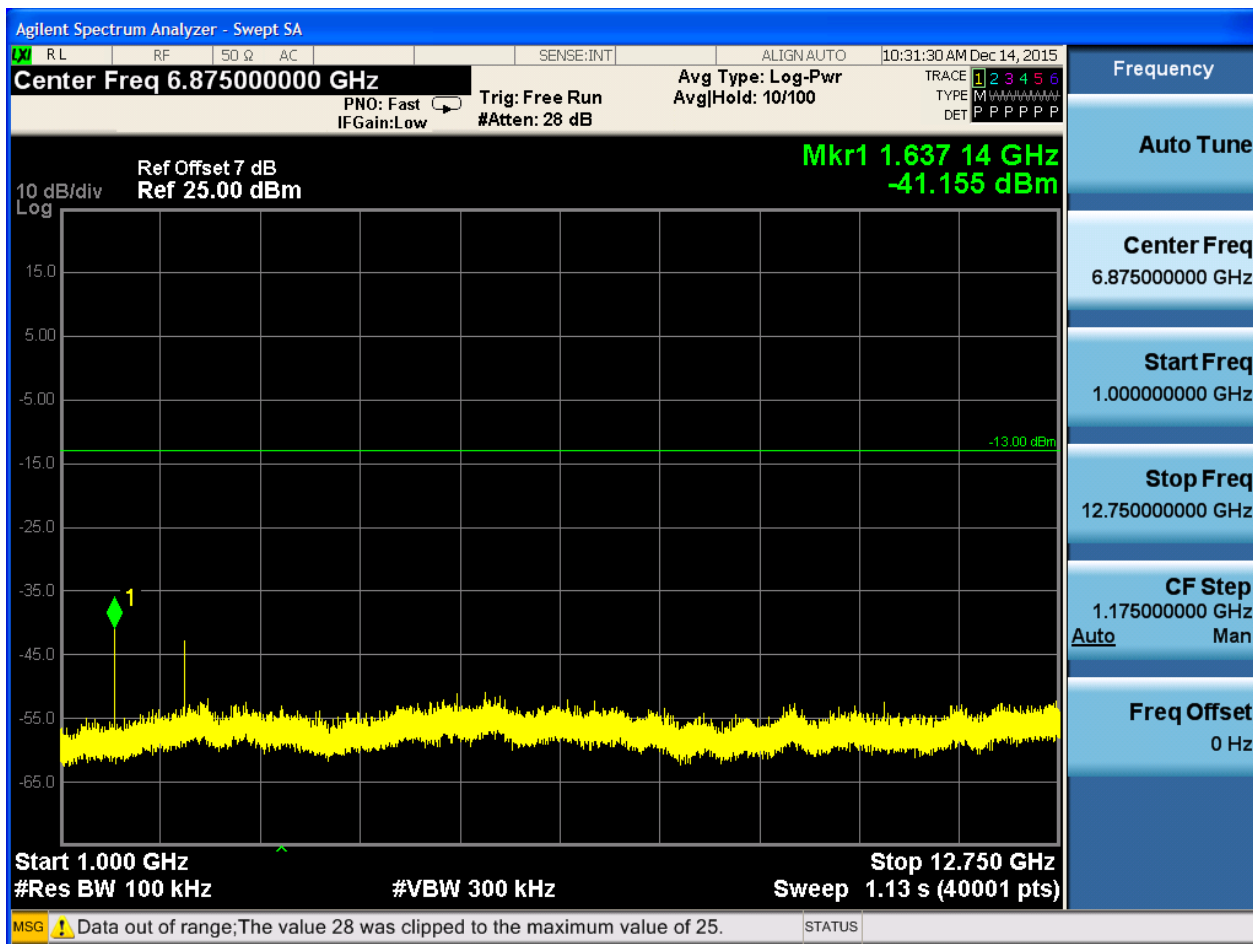
### 6.1.1.1.2 Test Channel = MCH

#### 6.1.1.1.2.1 Test RB = RB1#0





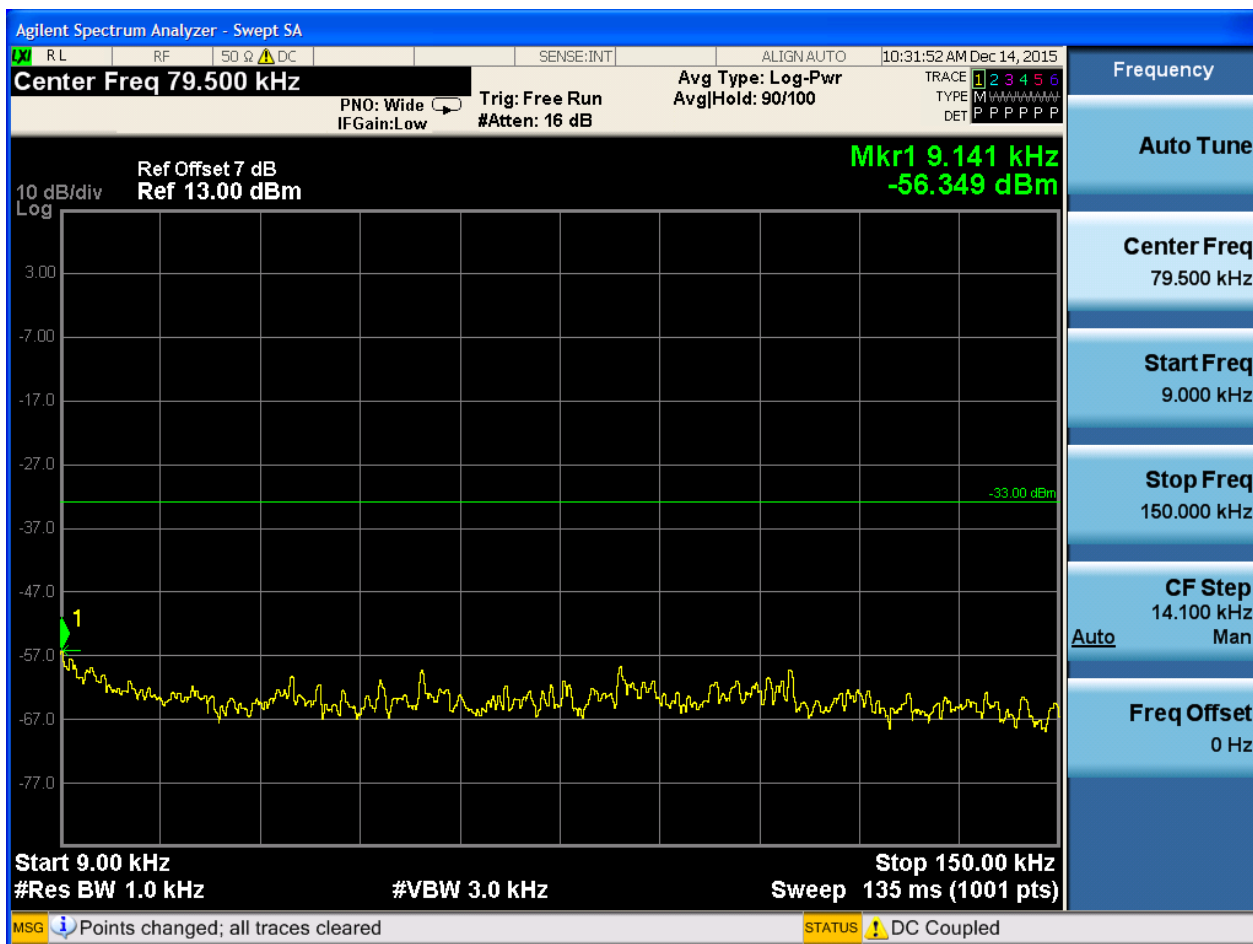


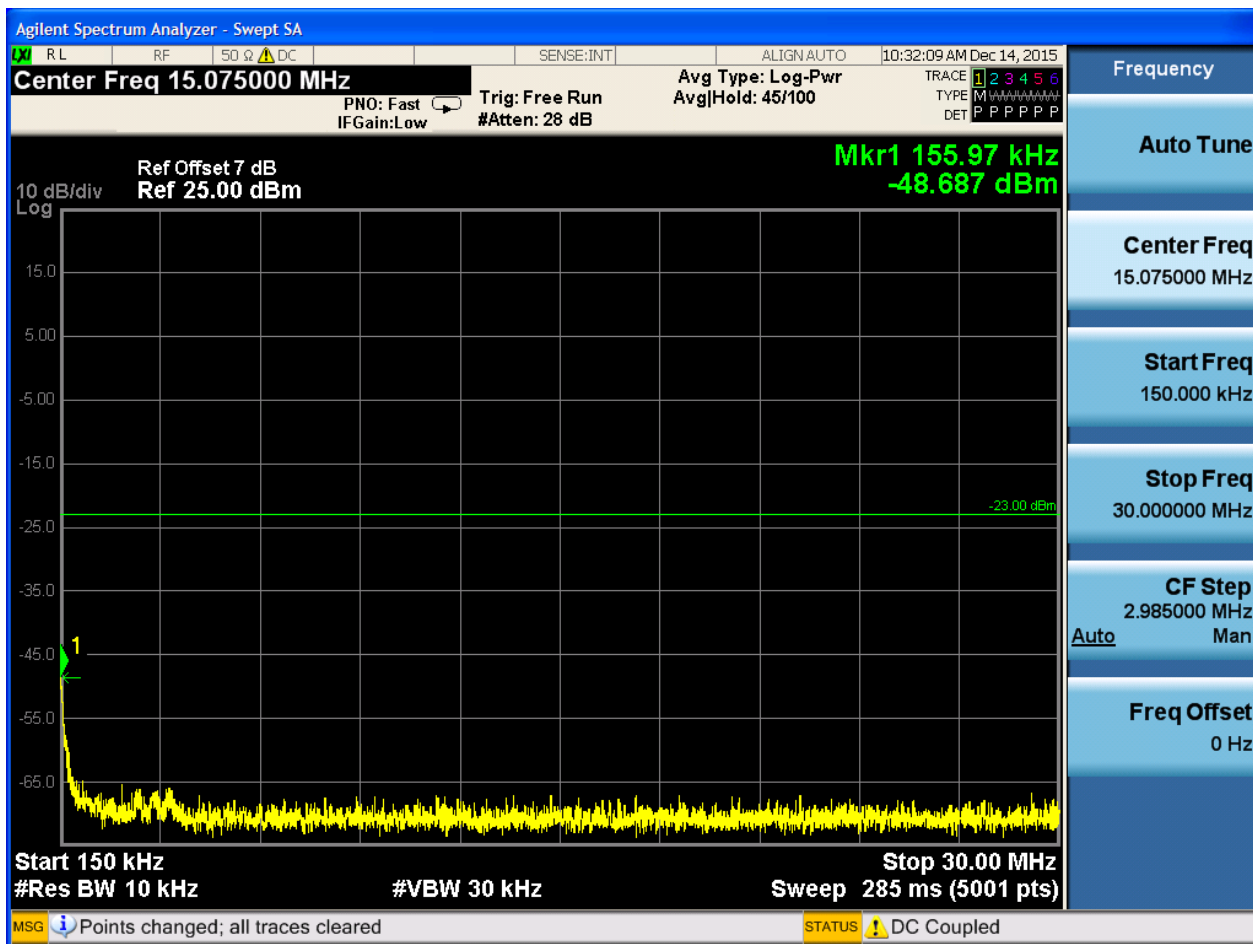


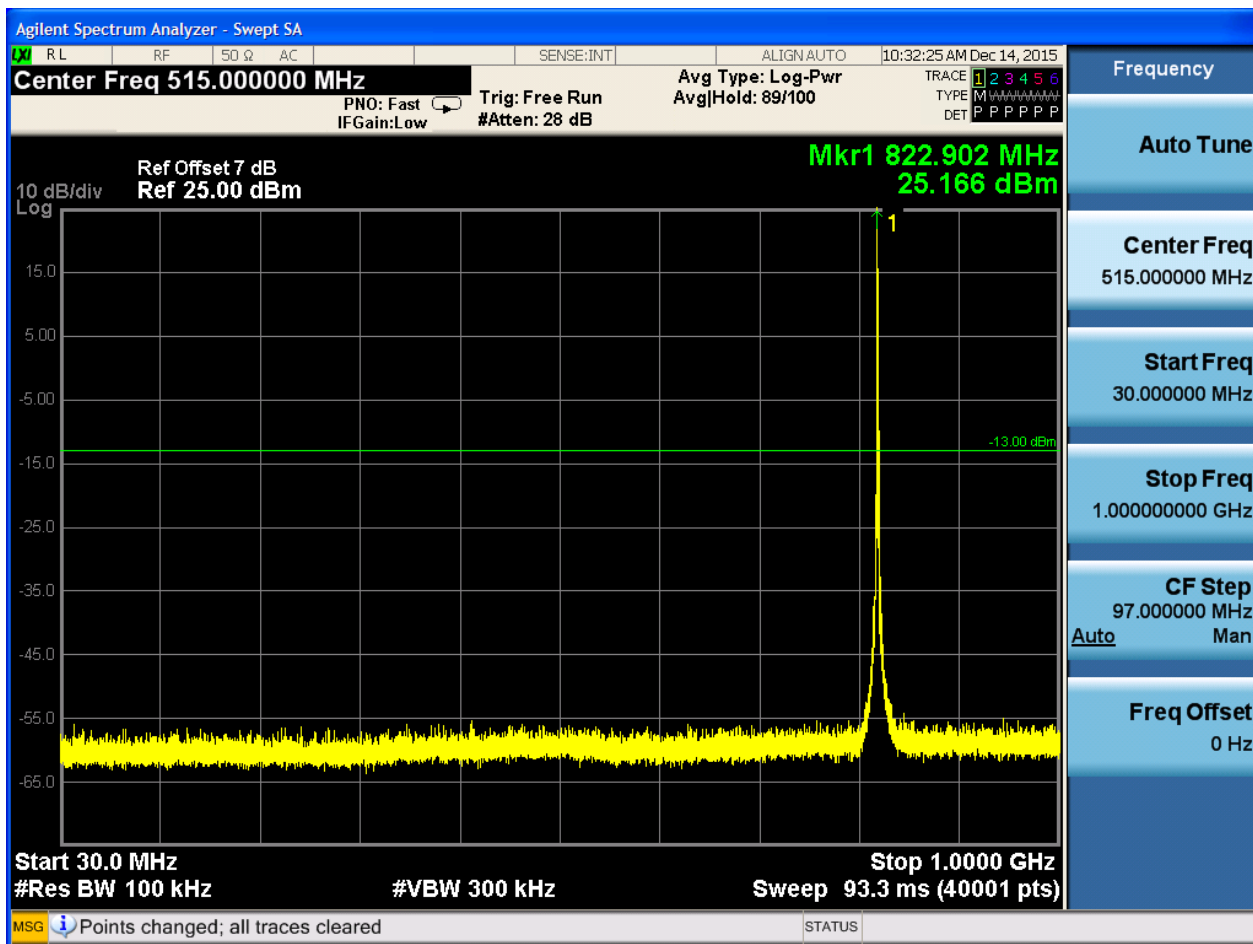


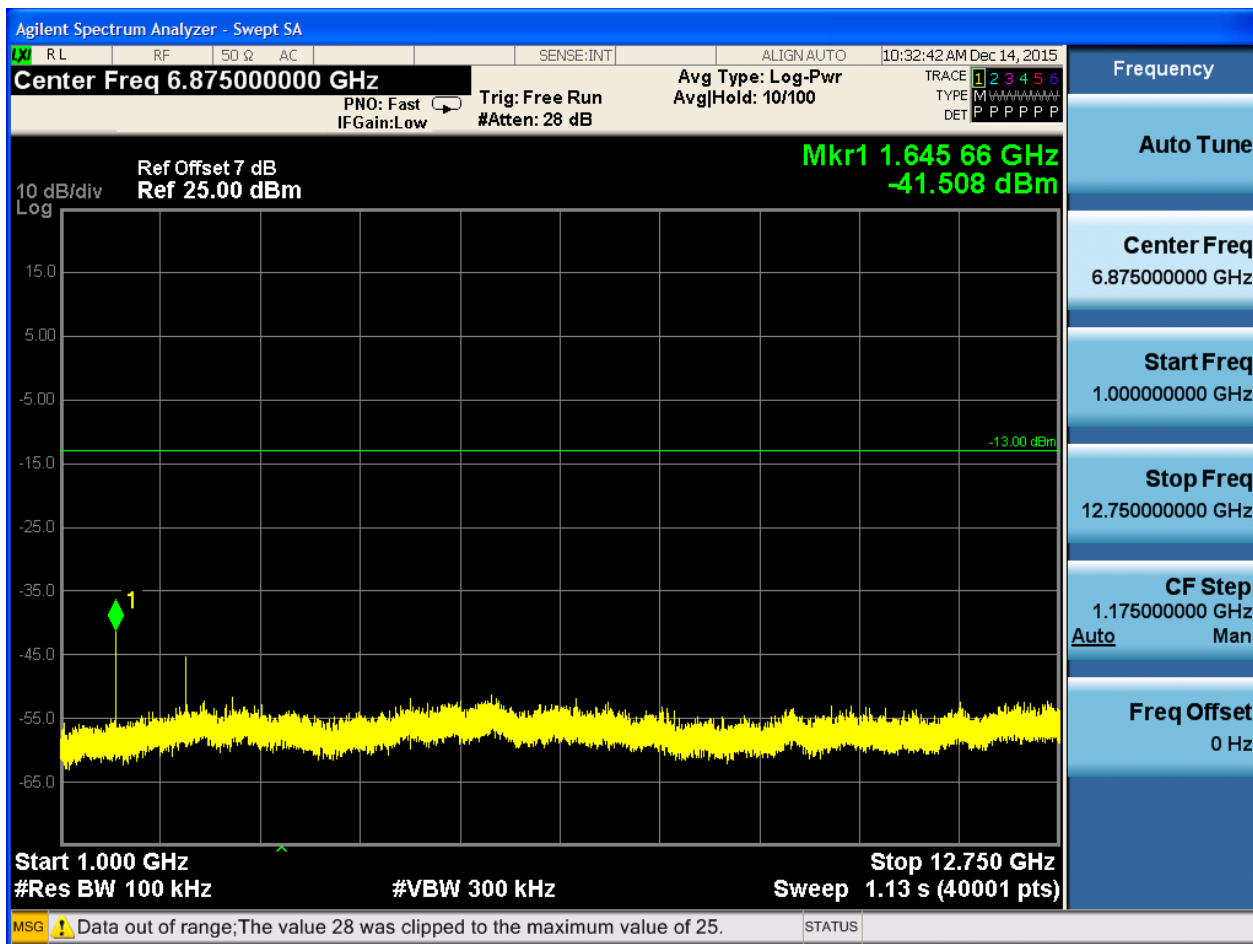
## 6.1.1.1.3 Test Channel = HCH

## 6.1.1.1.3.1 Test RB = RB1#0





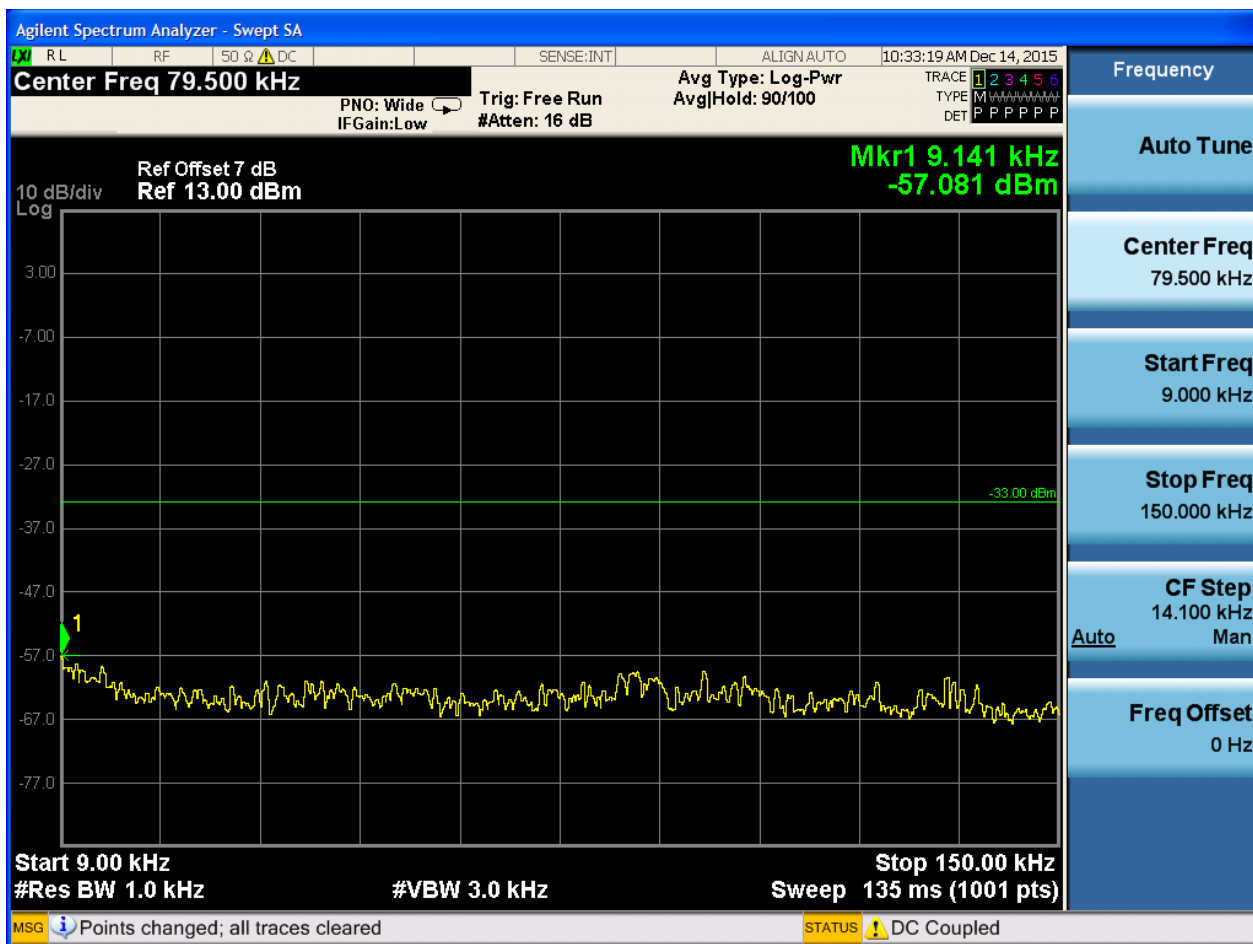


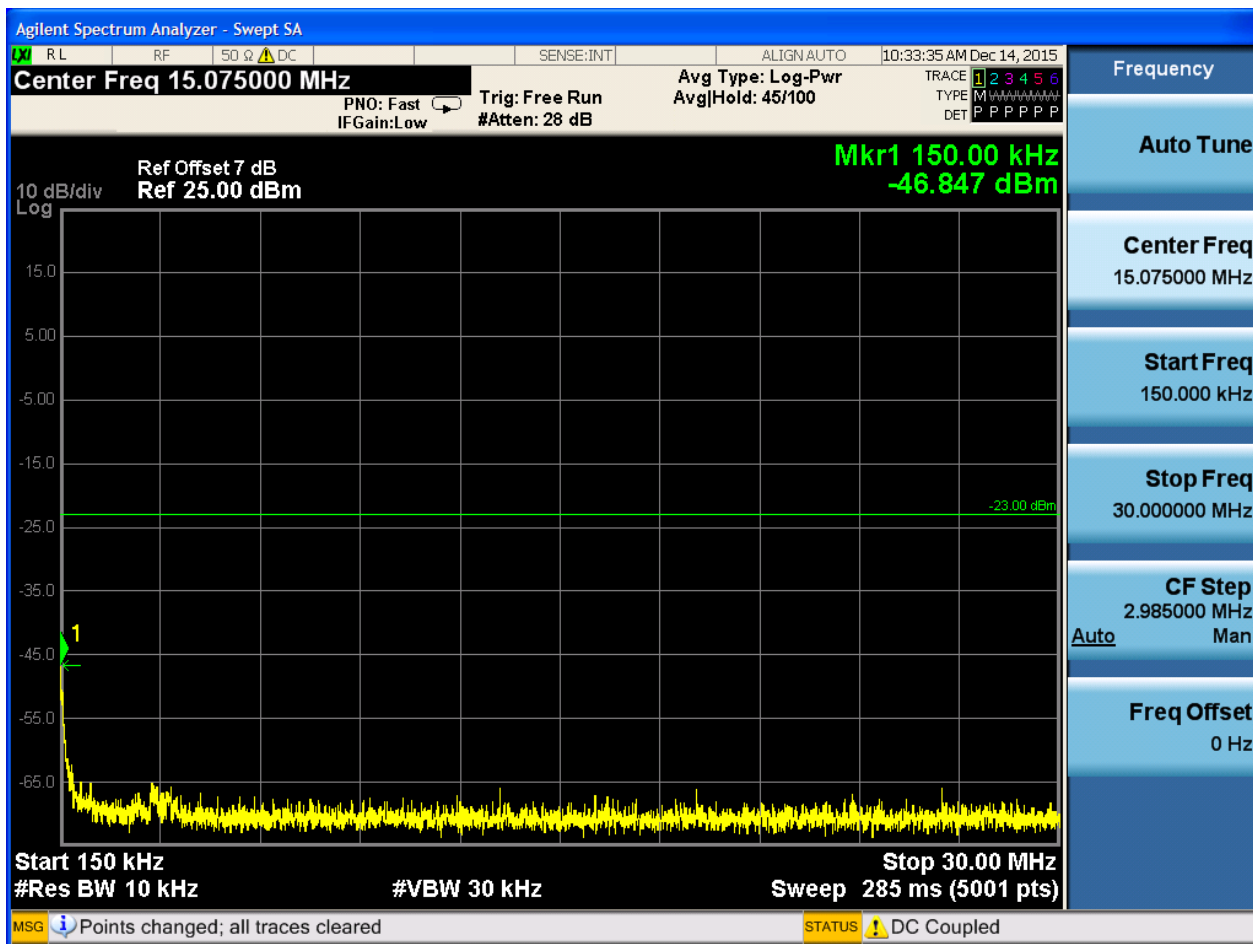


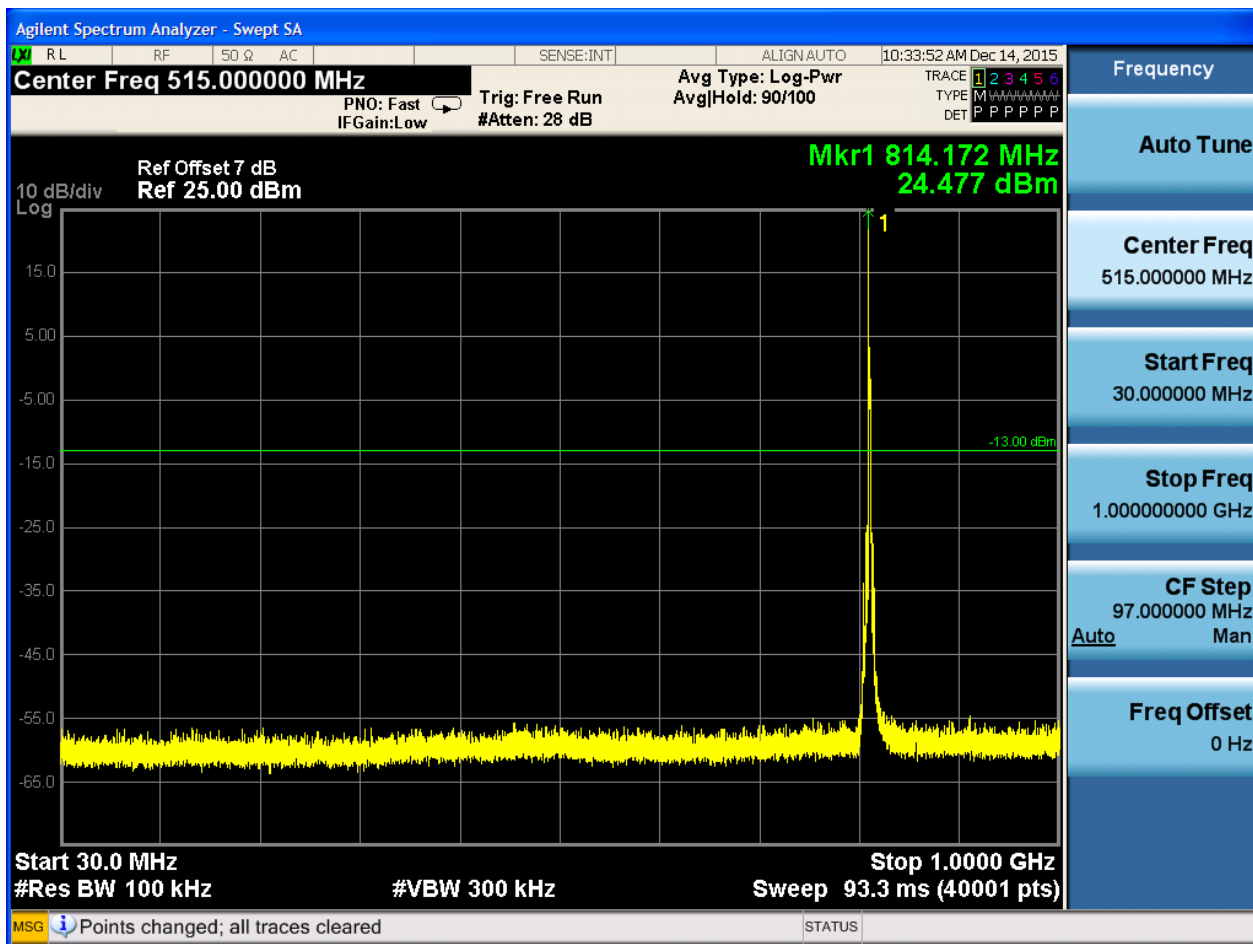
### 6.1.1.1.2 Test Bandwidth = 3

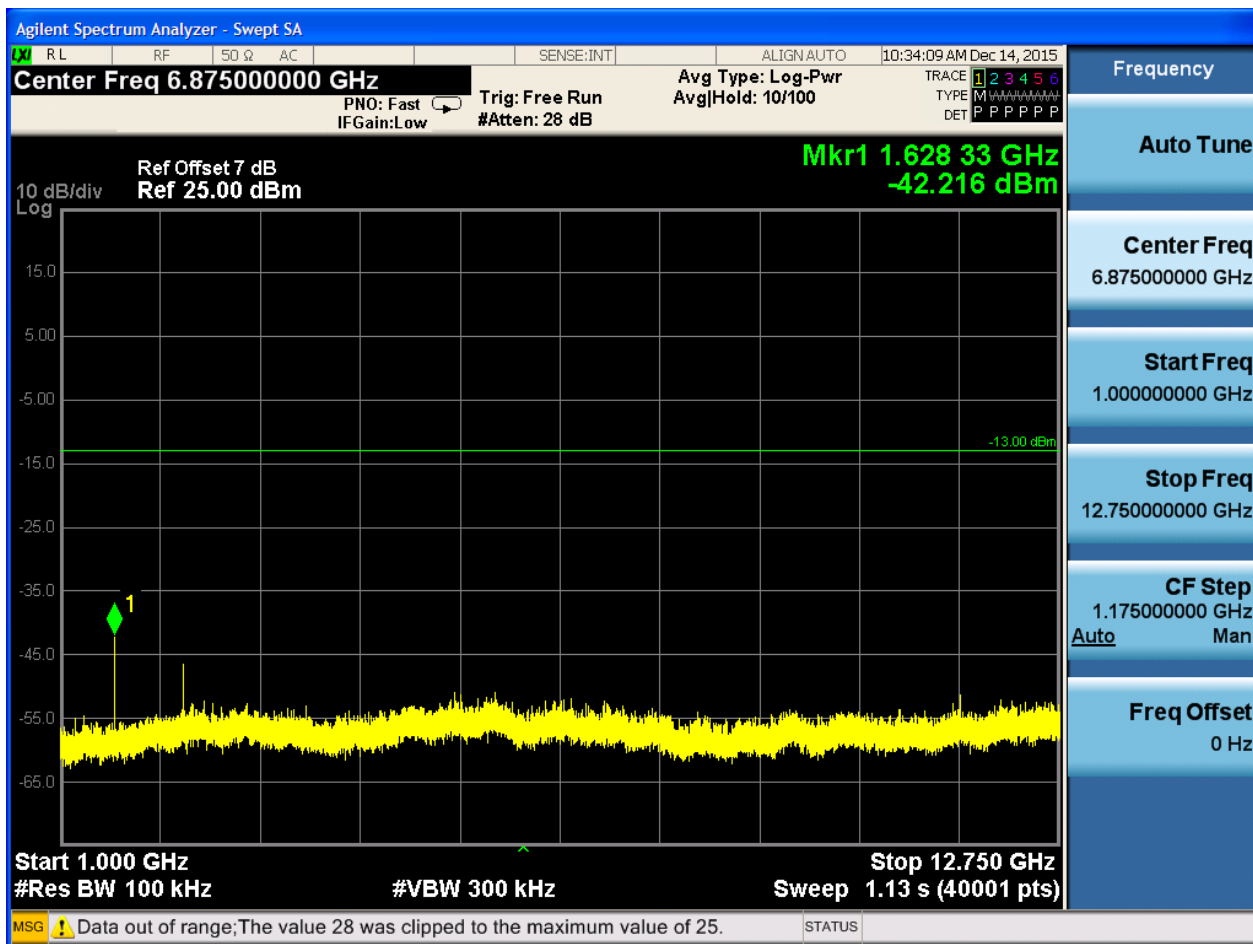
#### 6.1.1.1.2.1 Test Channel = LCH

##### 6.1.1.1.2.1.1 Test RB = RB1#0





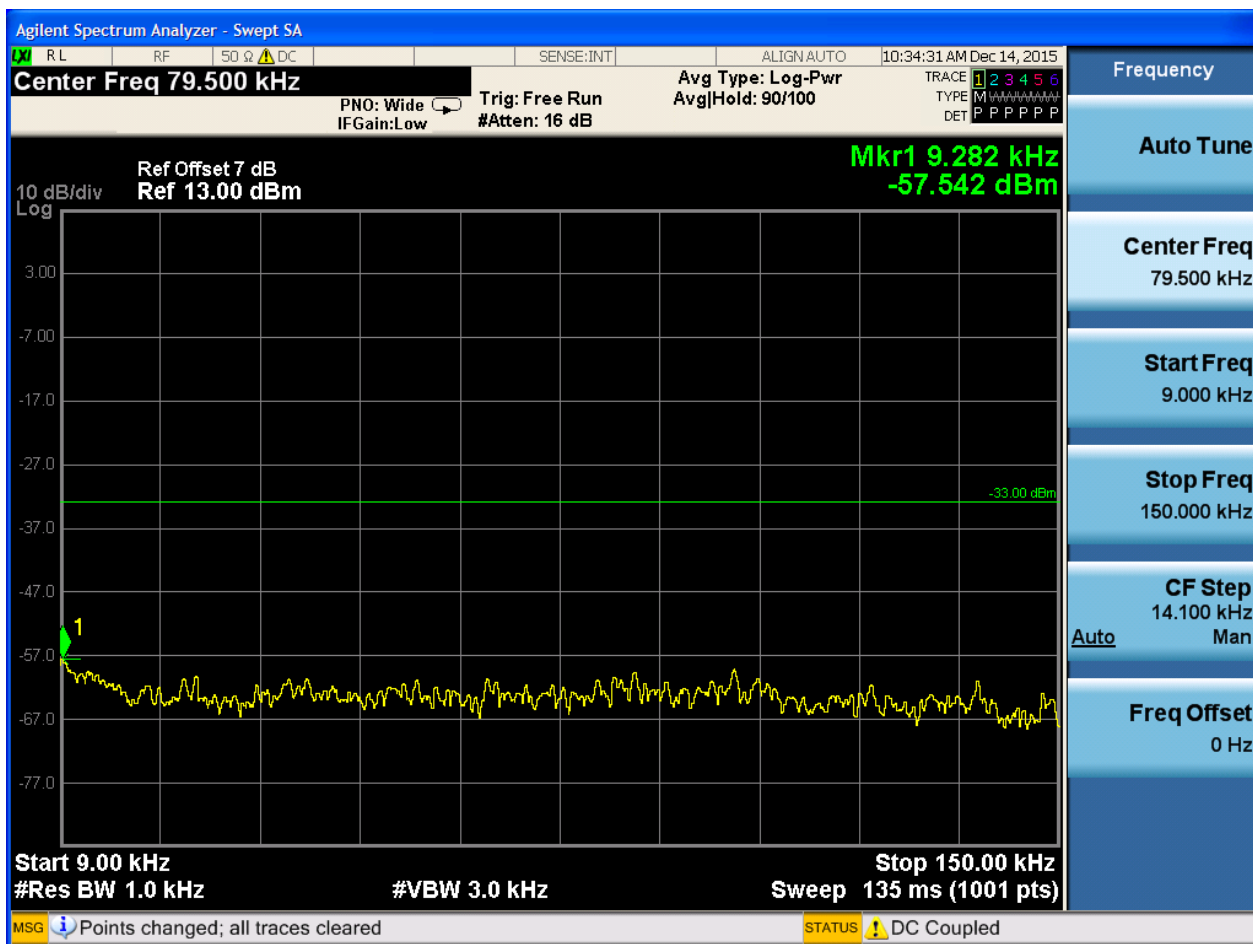


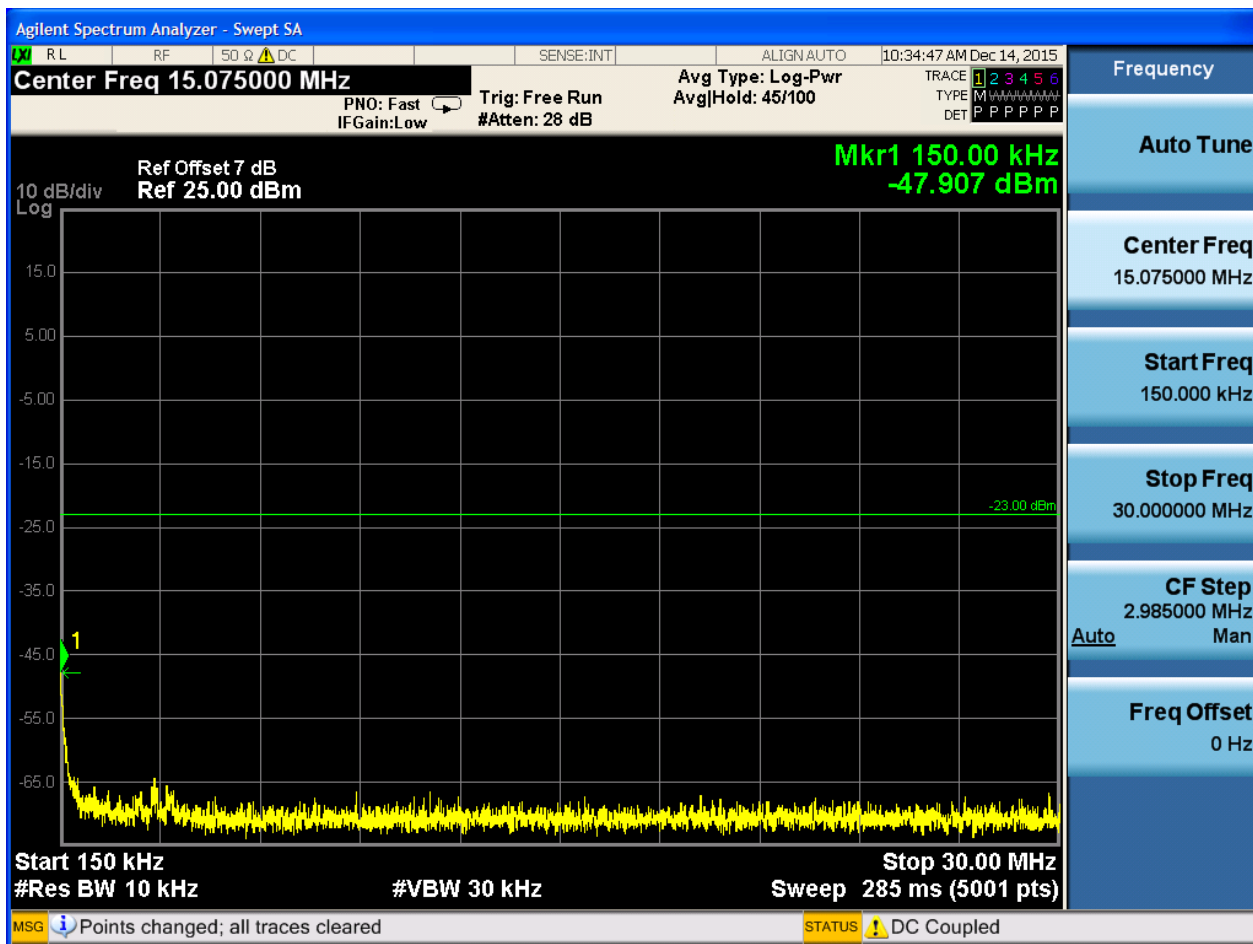


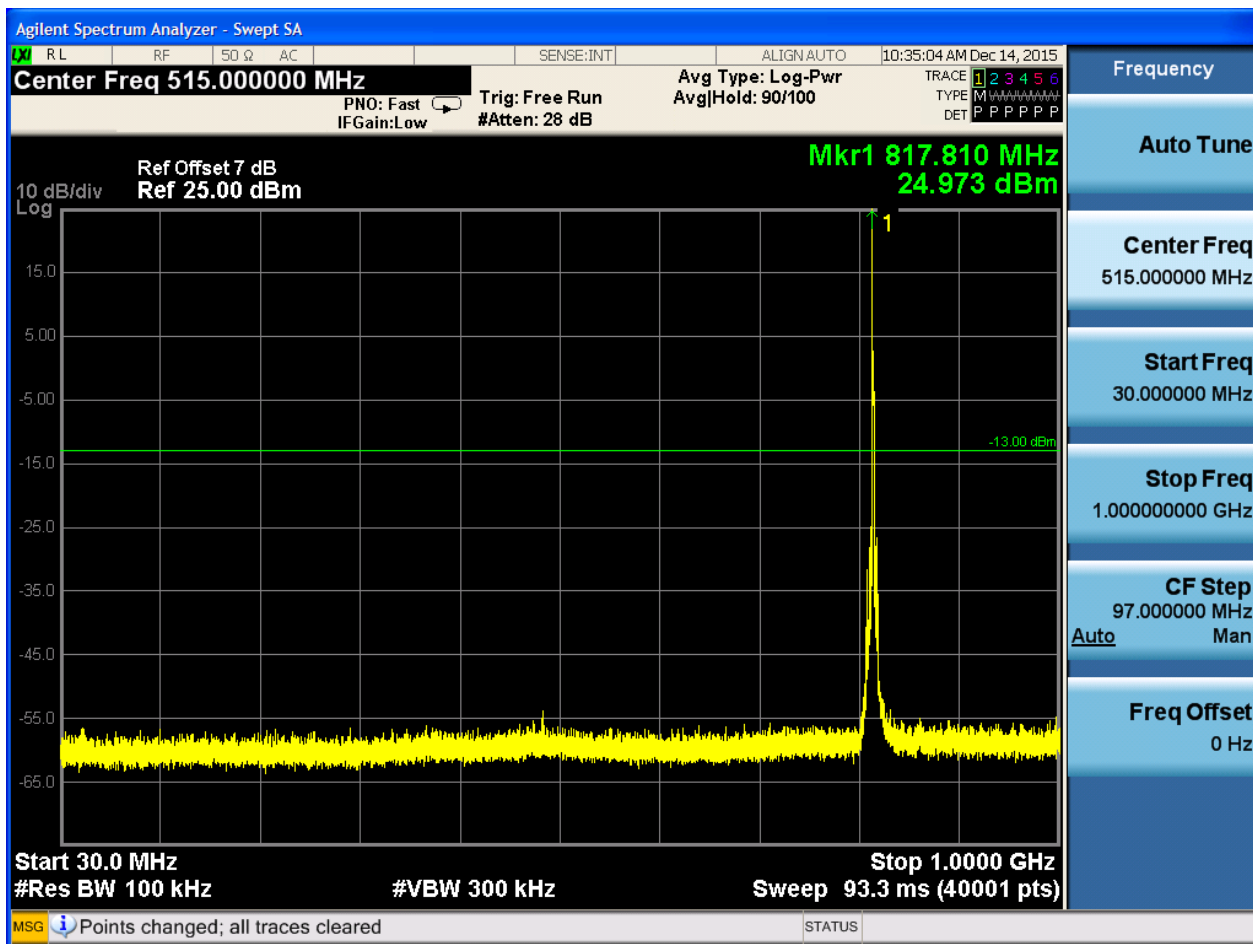


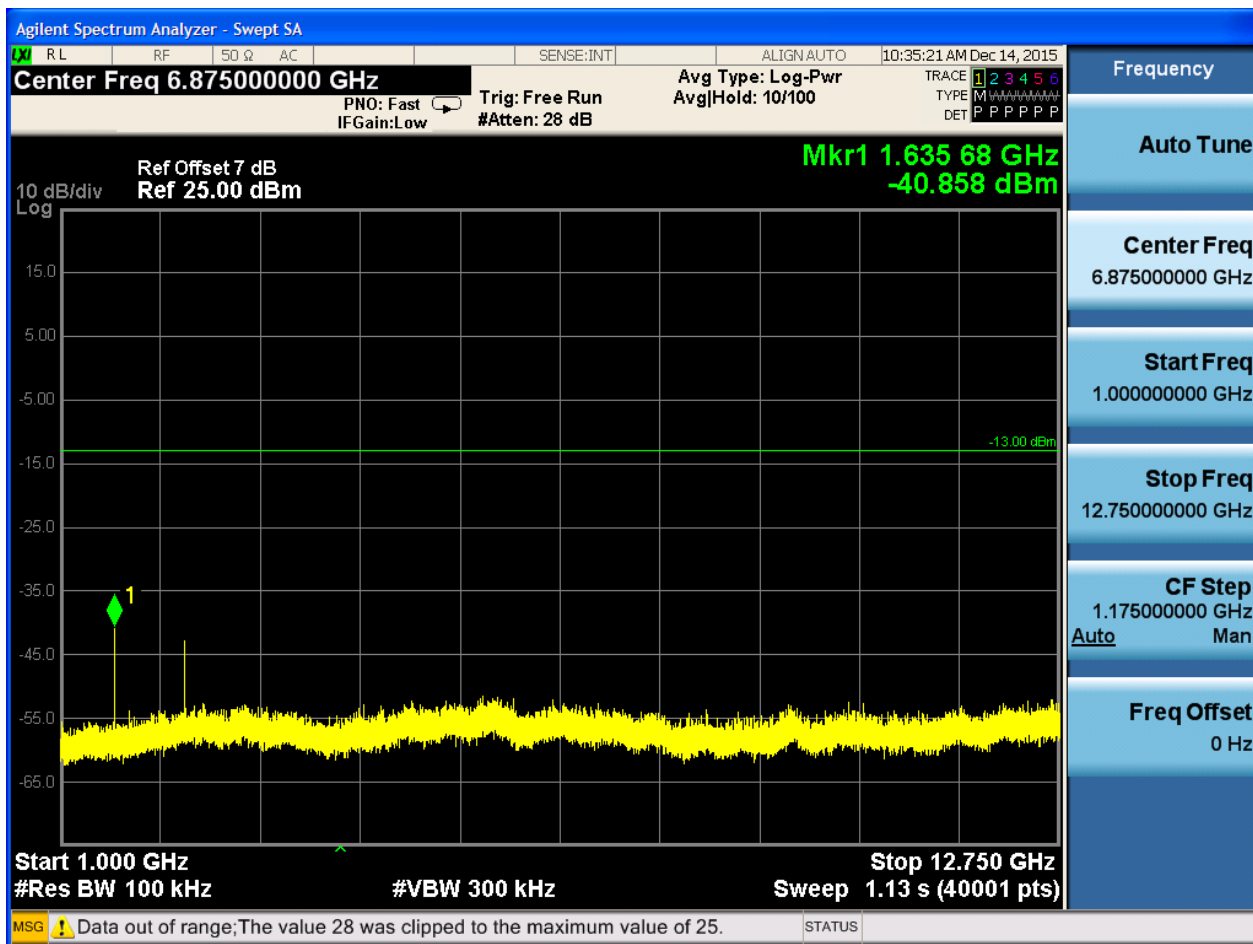
## 6.1.1.1.2.2 Test Channel = MCH

## 6.1.1.1.2.2.1 Test RB = RB1#0





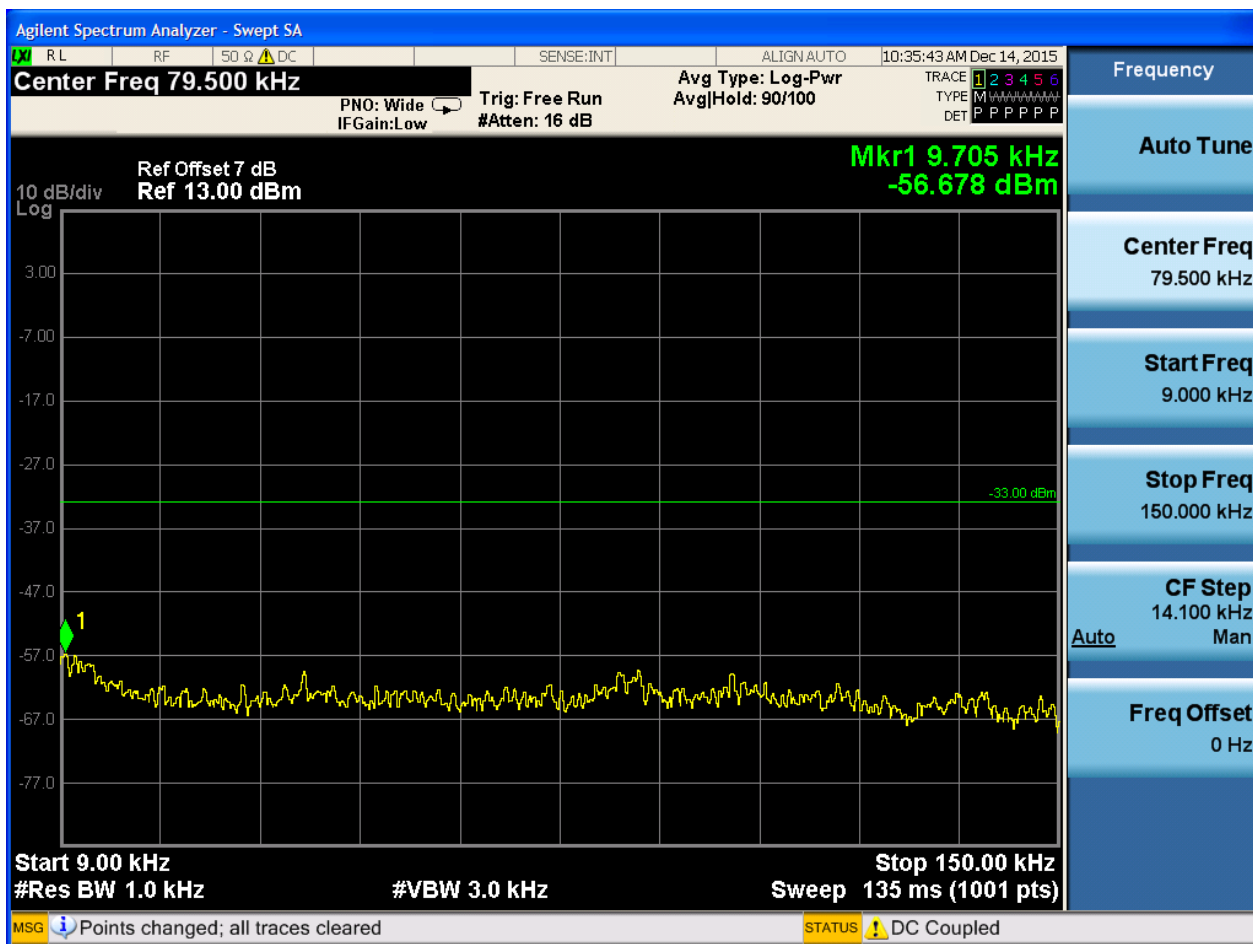


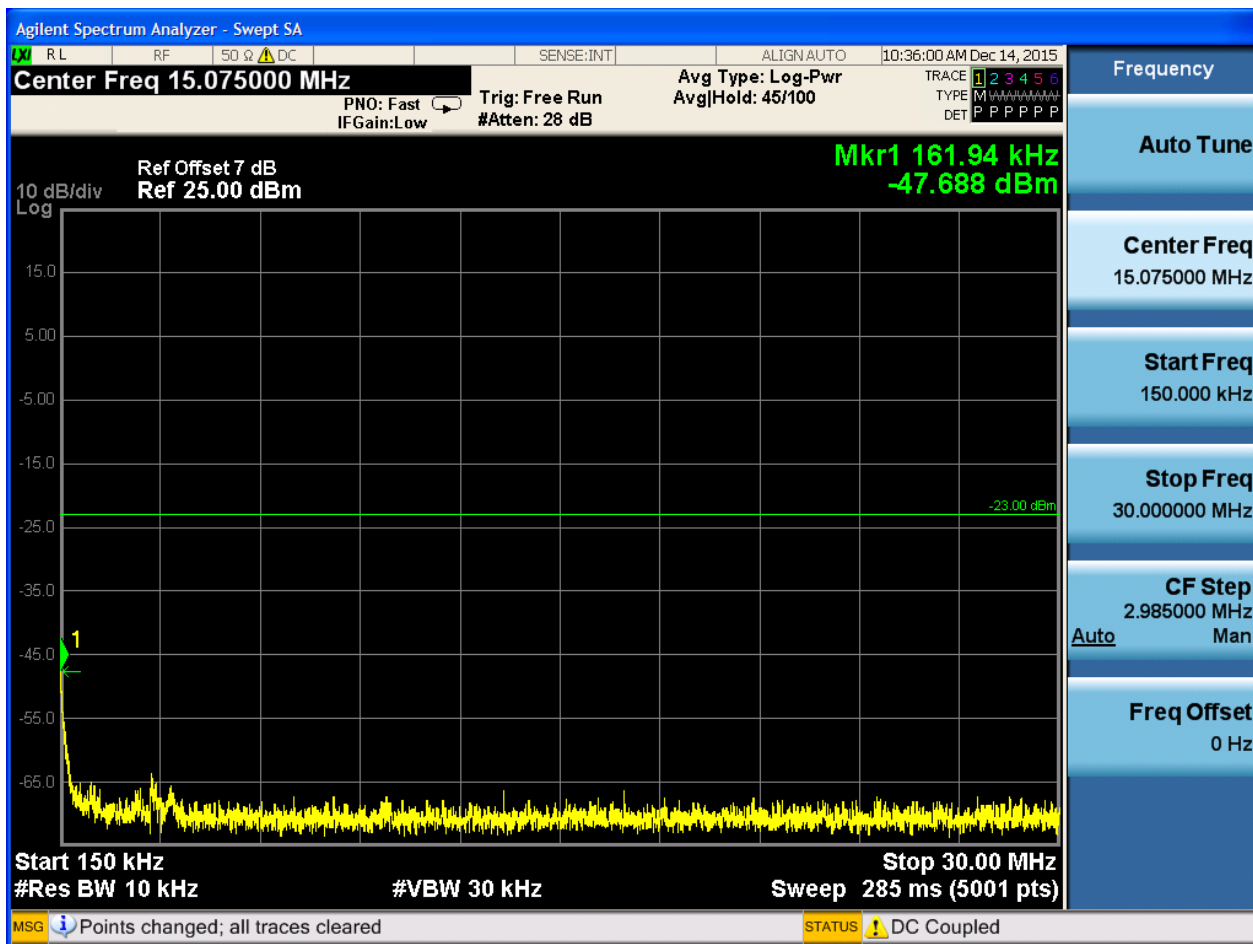


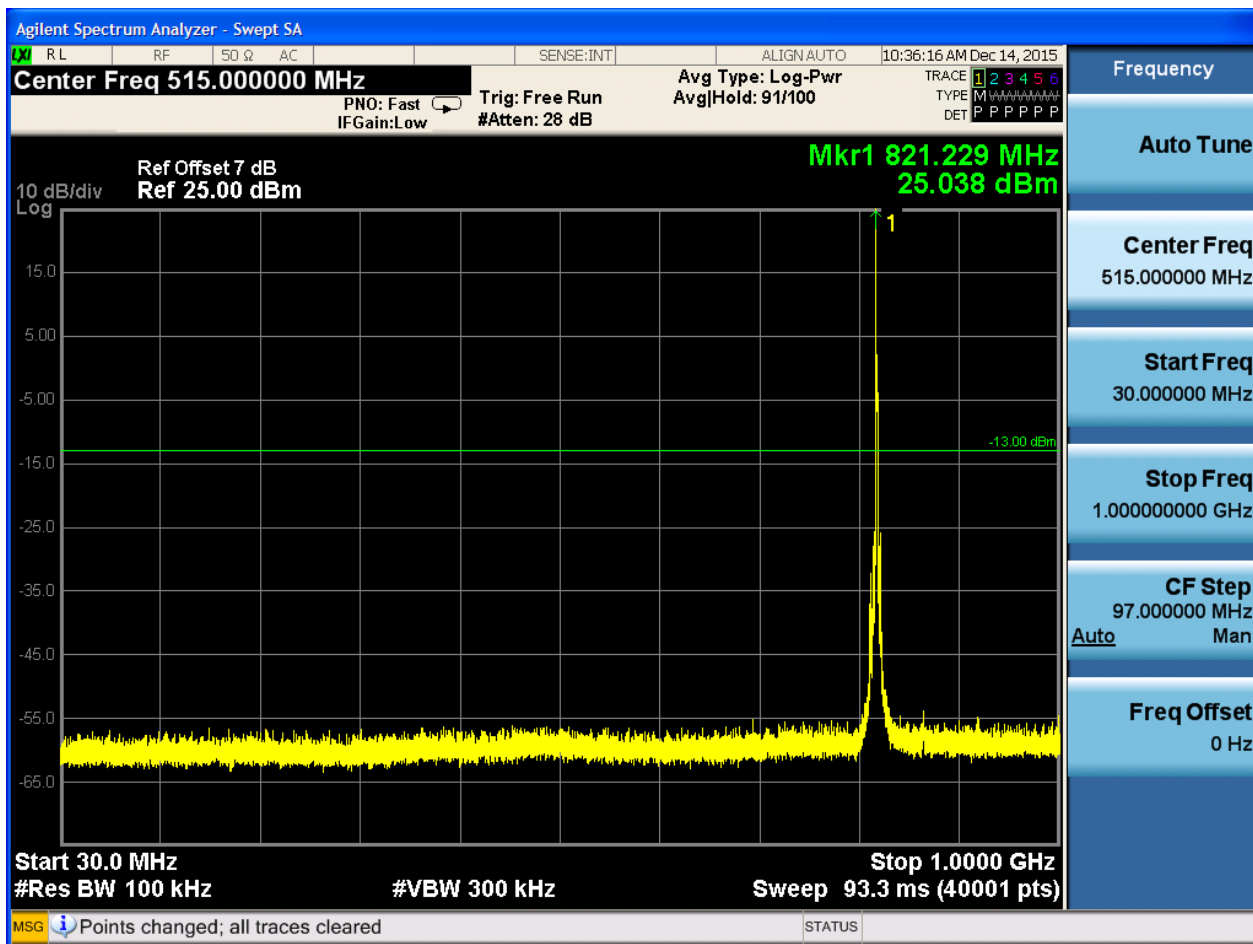


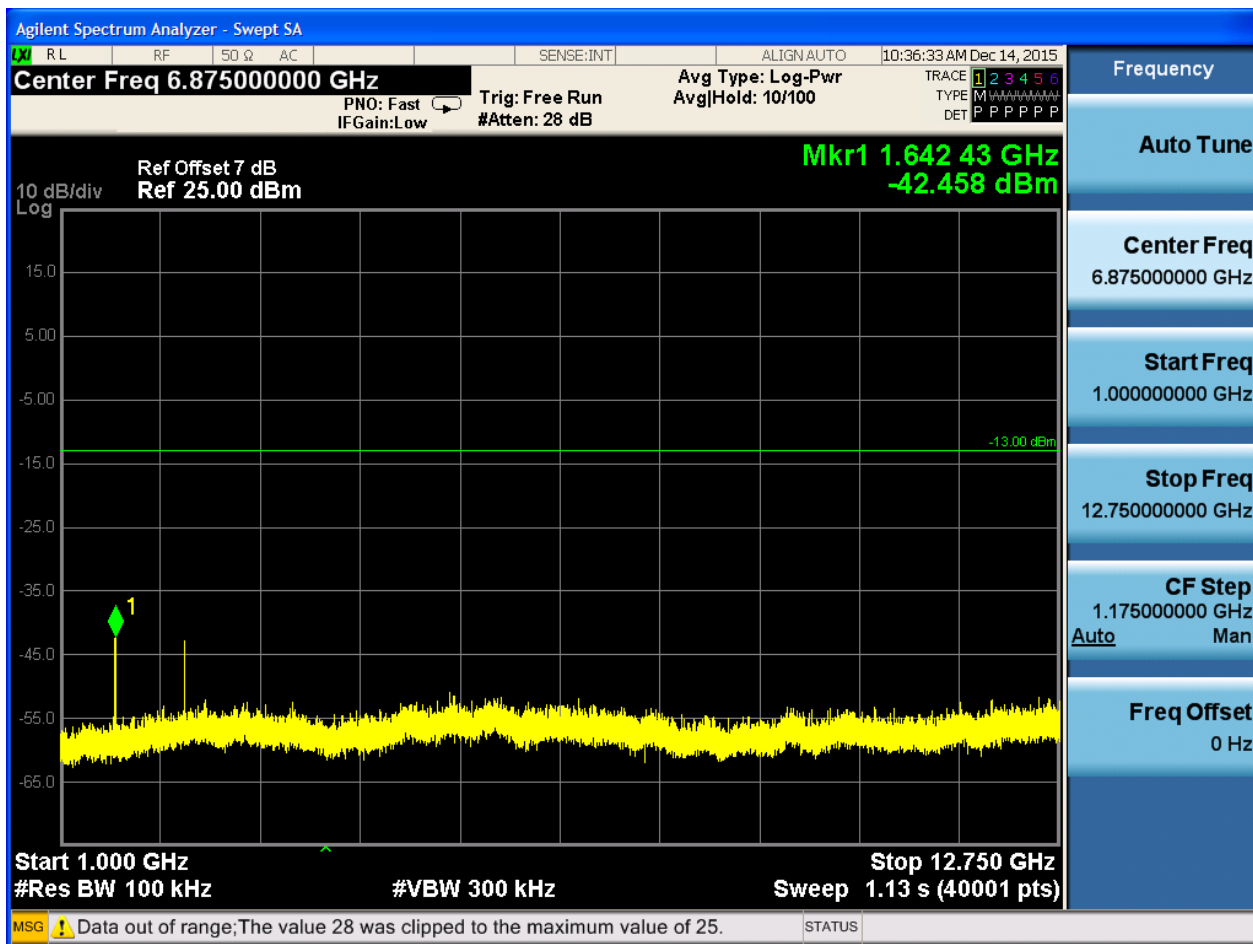
## 6.1.1.1.2.3 Test Channel = HCH

## 6.1.1.1.2.3.1 Test RB = RB1#0







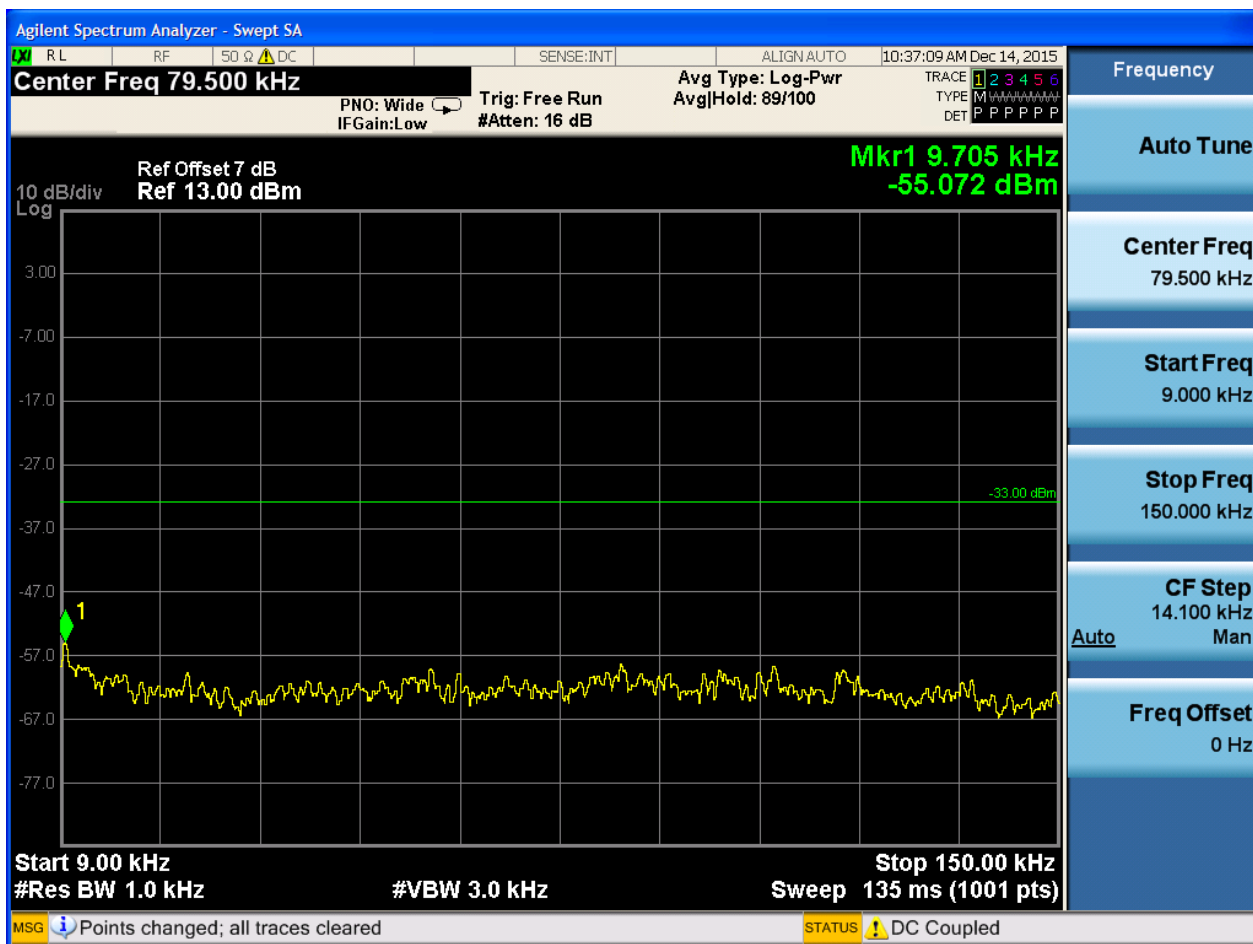


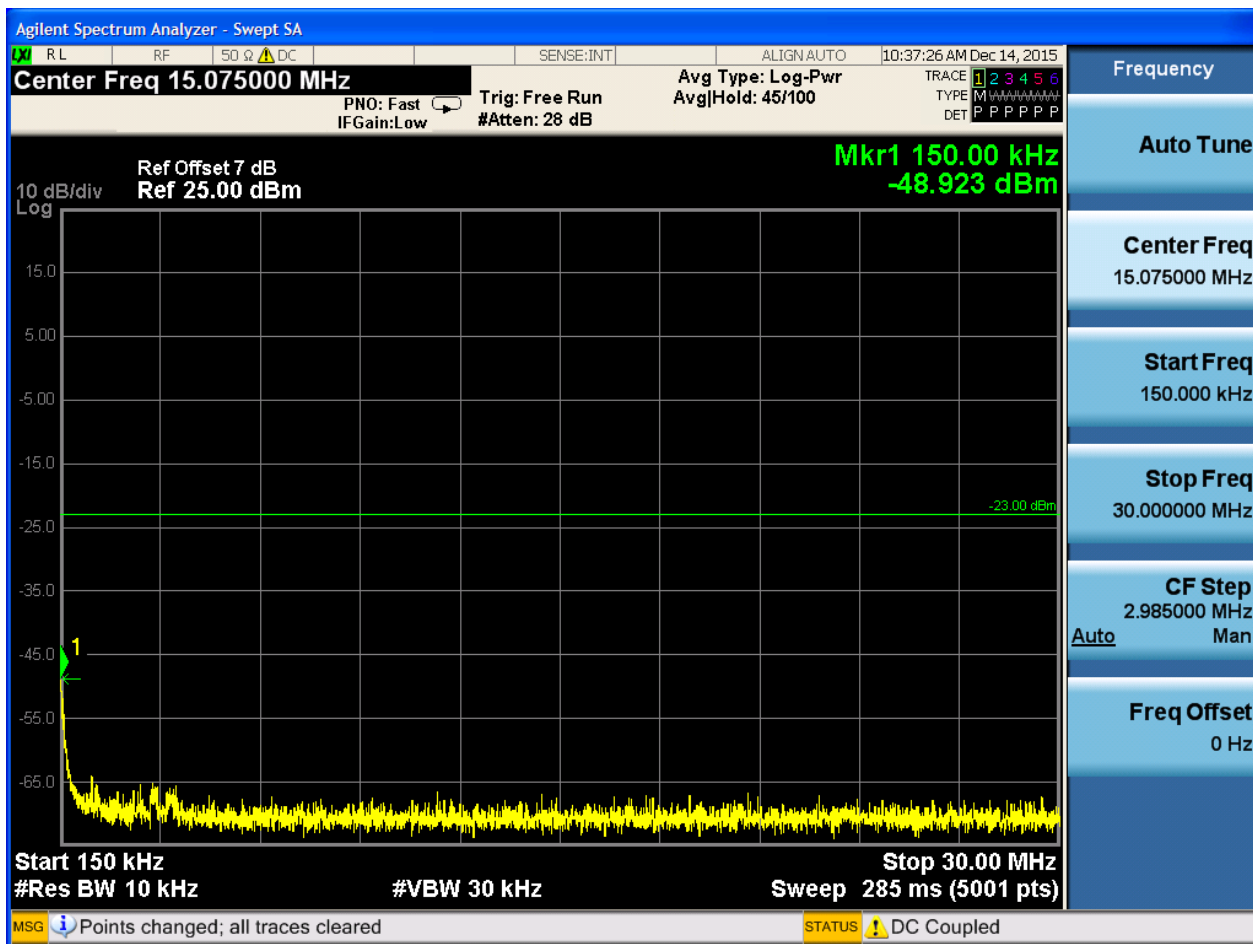


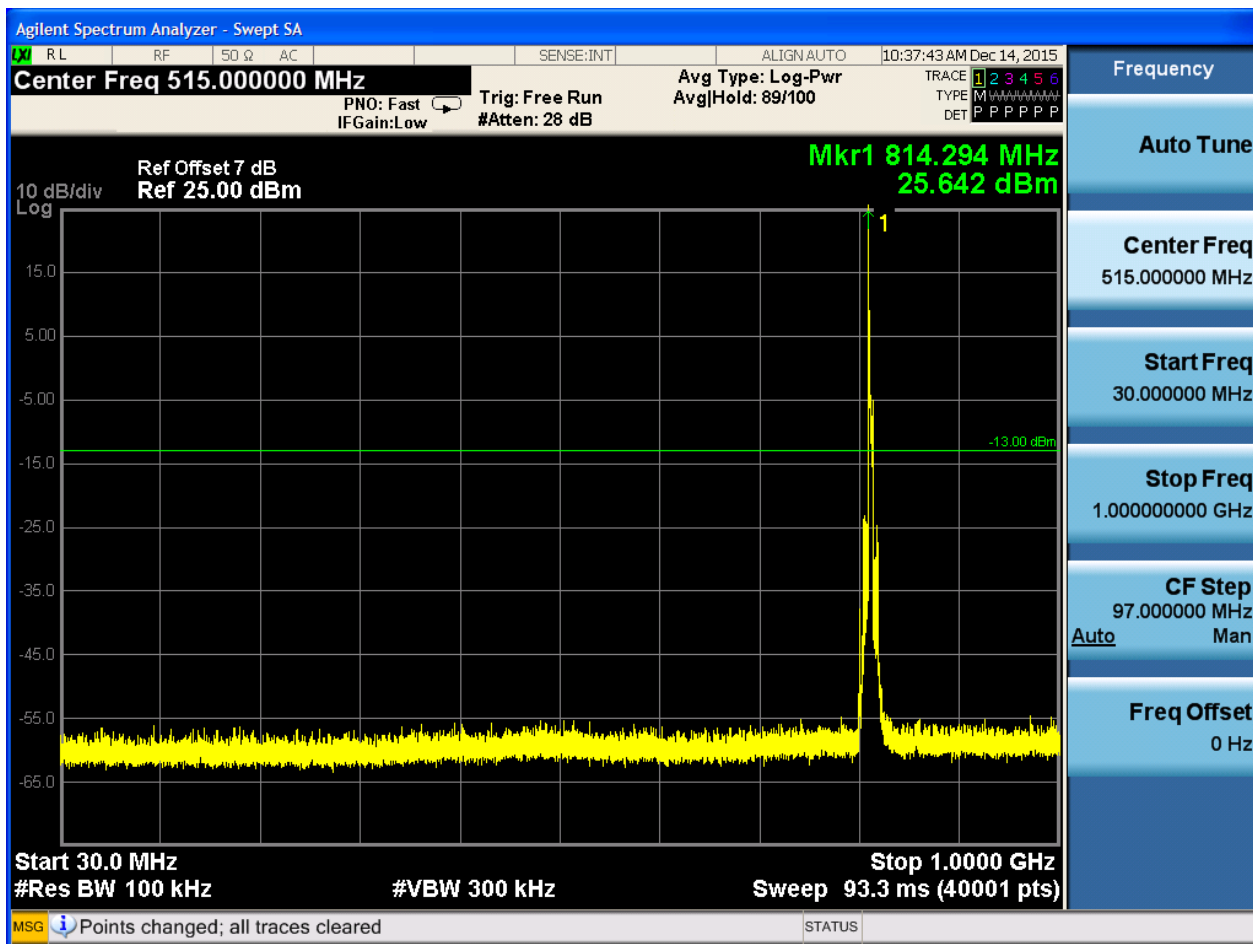
## 6.1.1.1.3 Test Bandwidth = 5

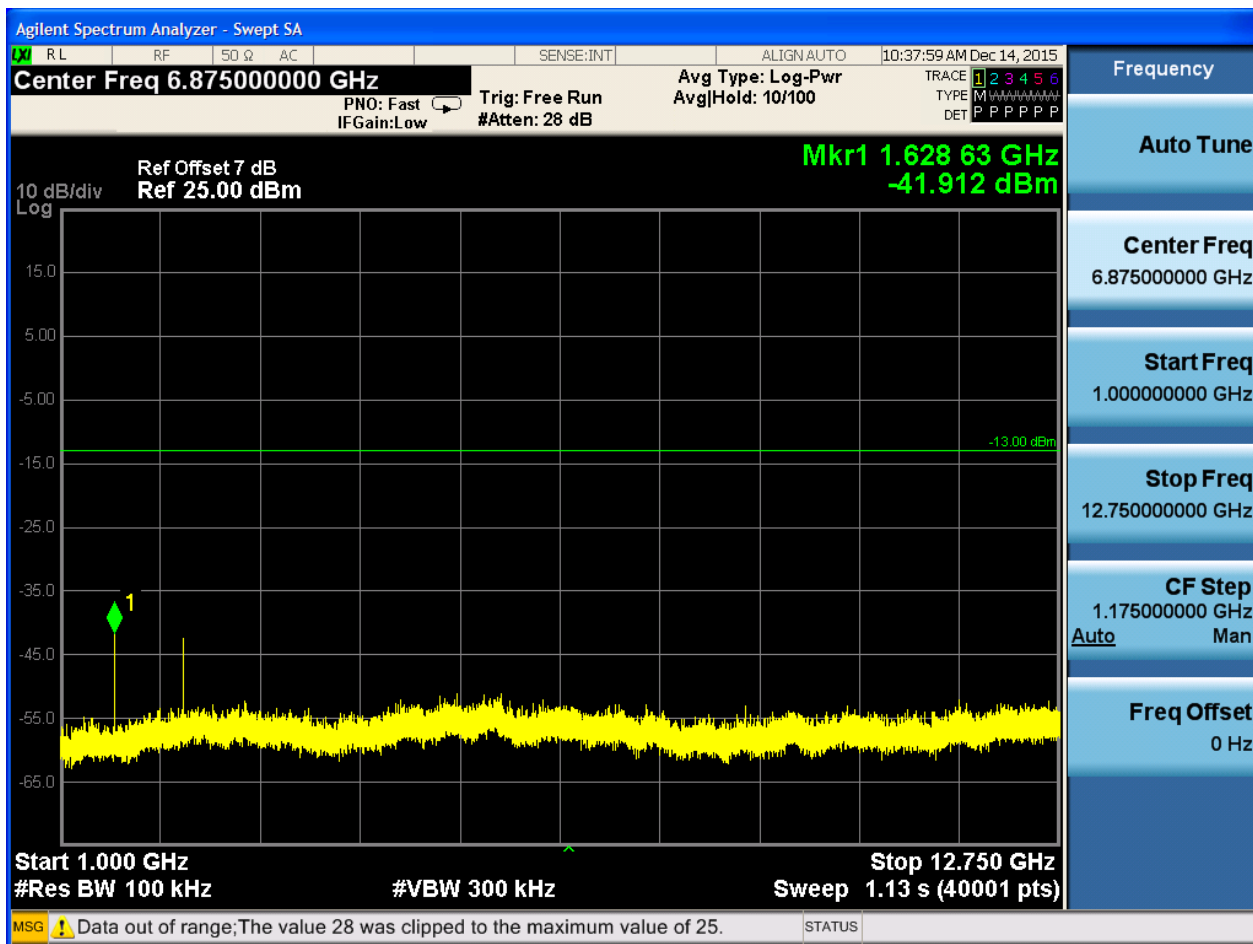
## 6.1.1.1.3.1 Test Channel = LCH

## 6.1.1.1.3.1.1 Test RB = RB1#0





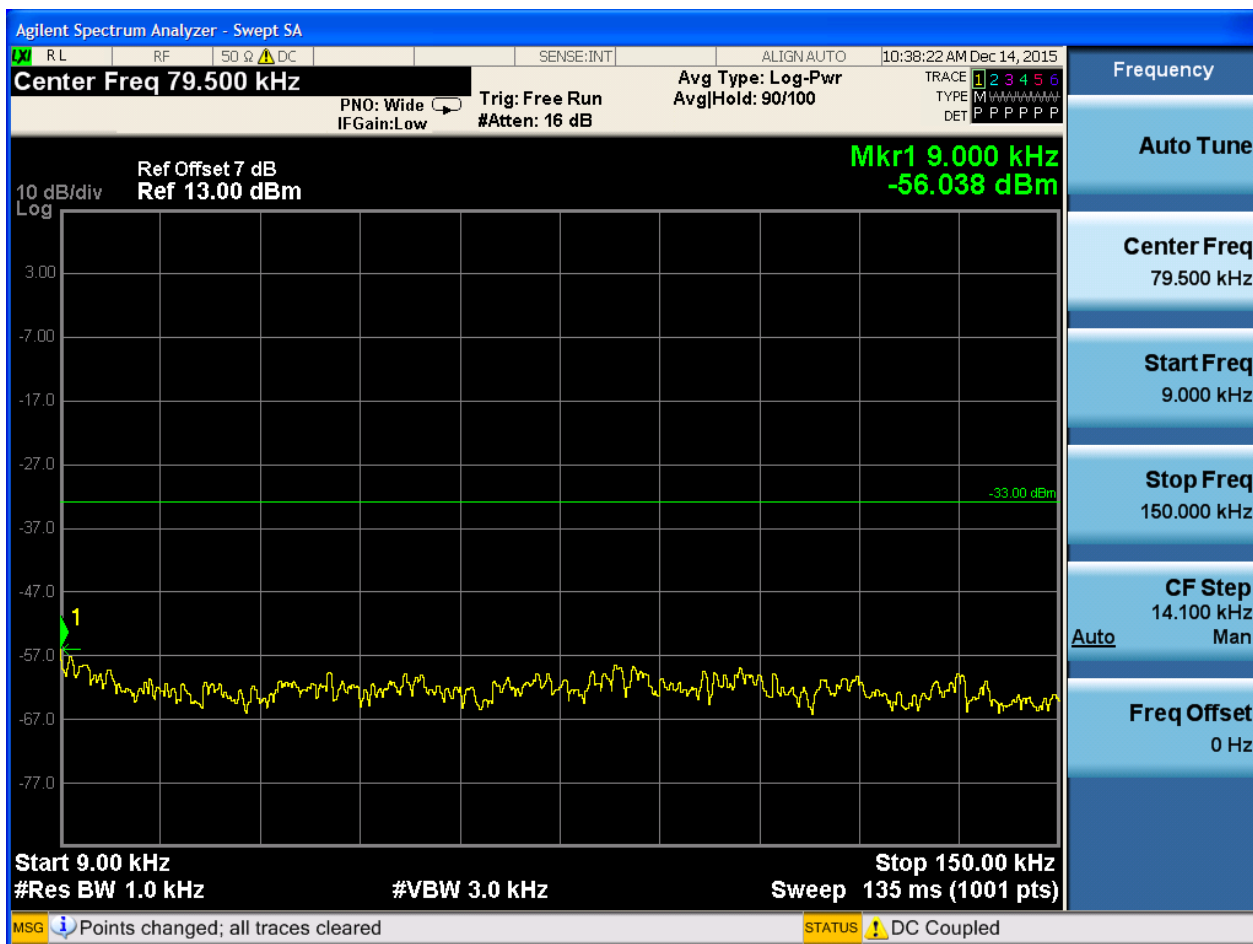




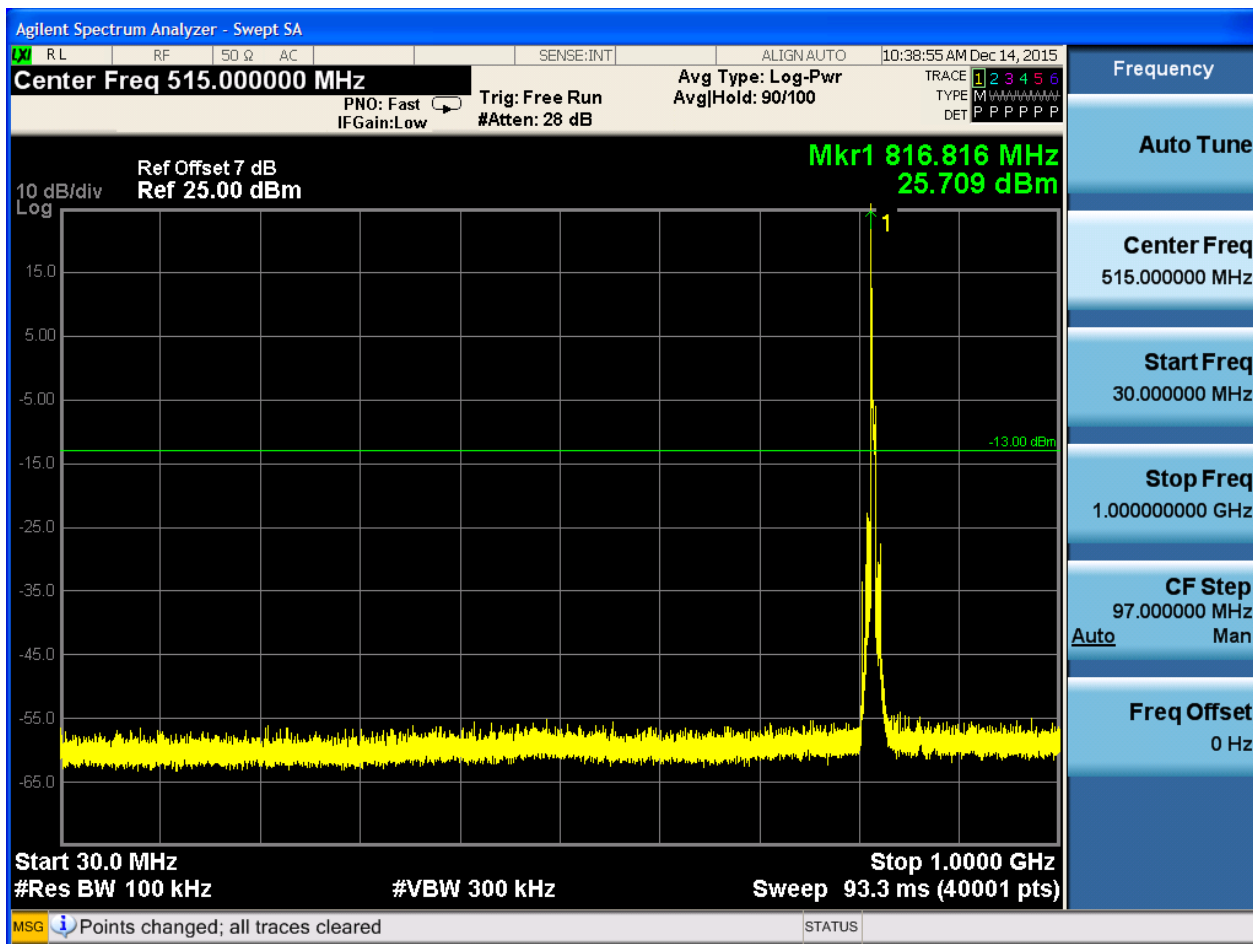


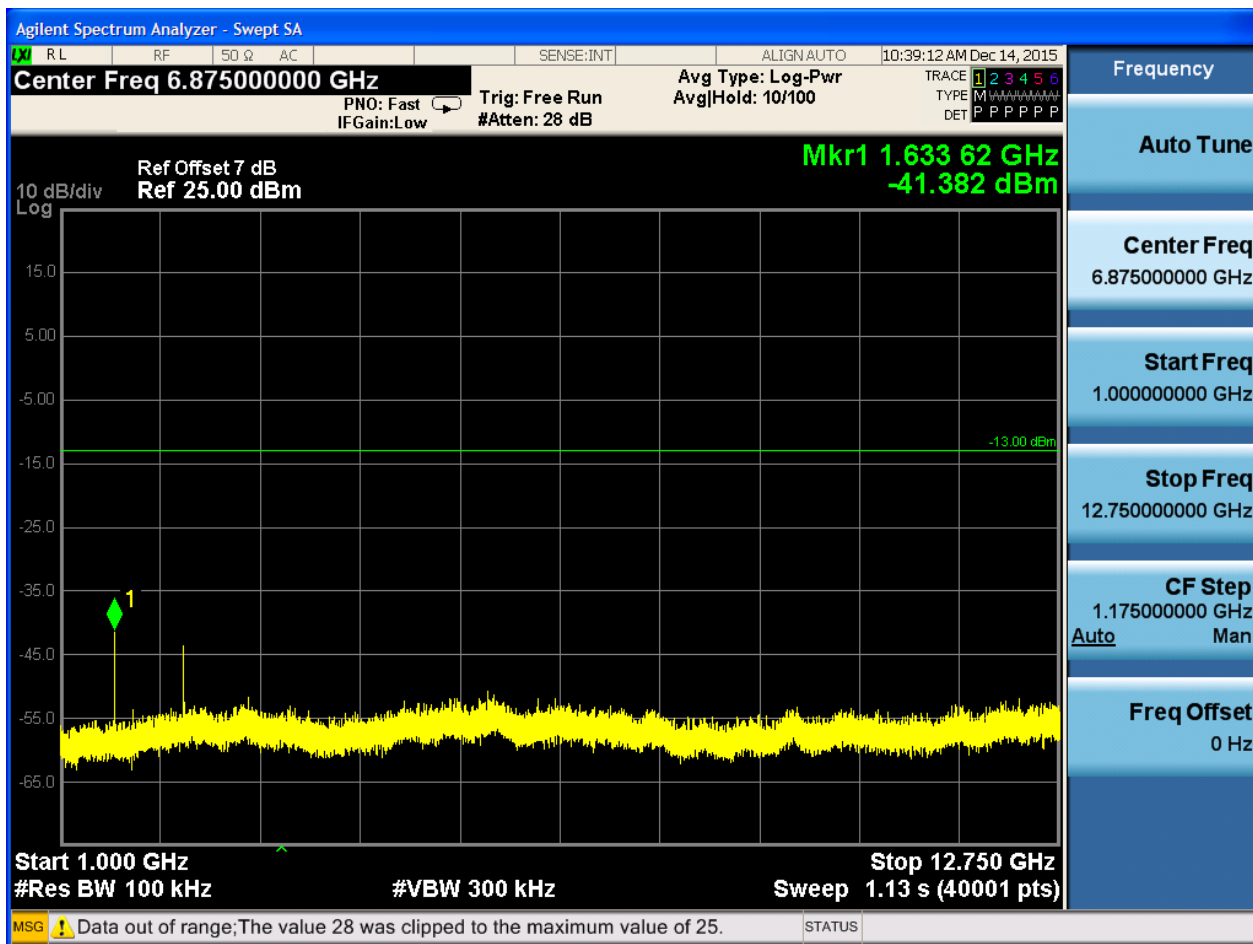
## 6.1.1.1.3.2 Test Channel = MCH

## 6.1.1.1.3.2.1 Test RB = RB1#0





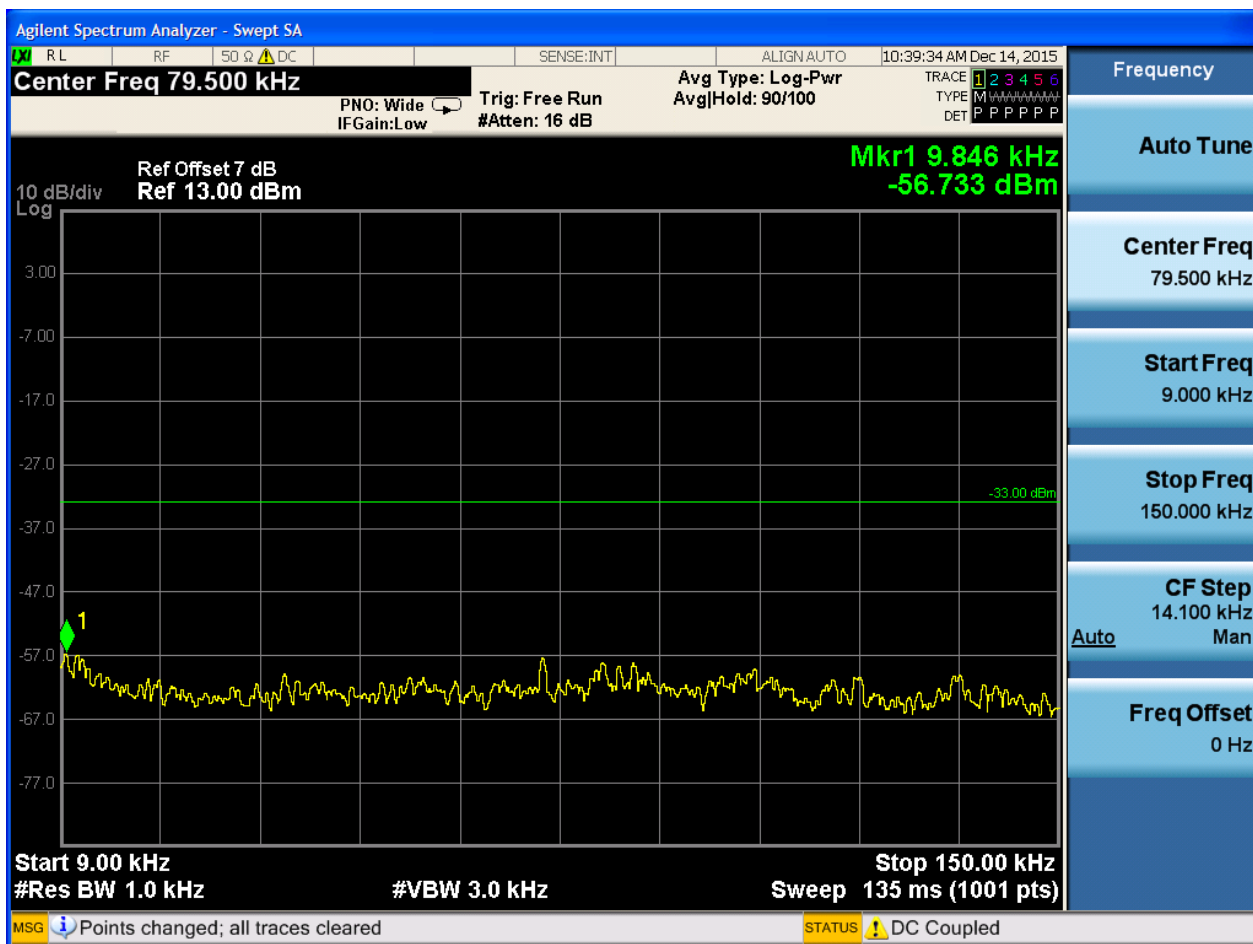


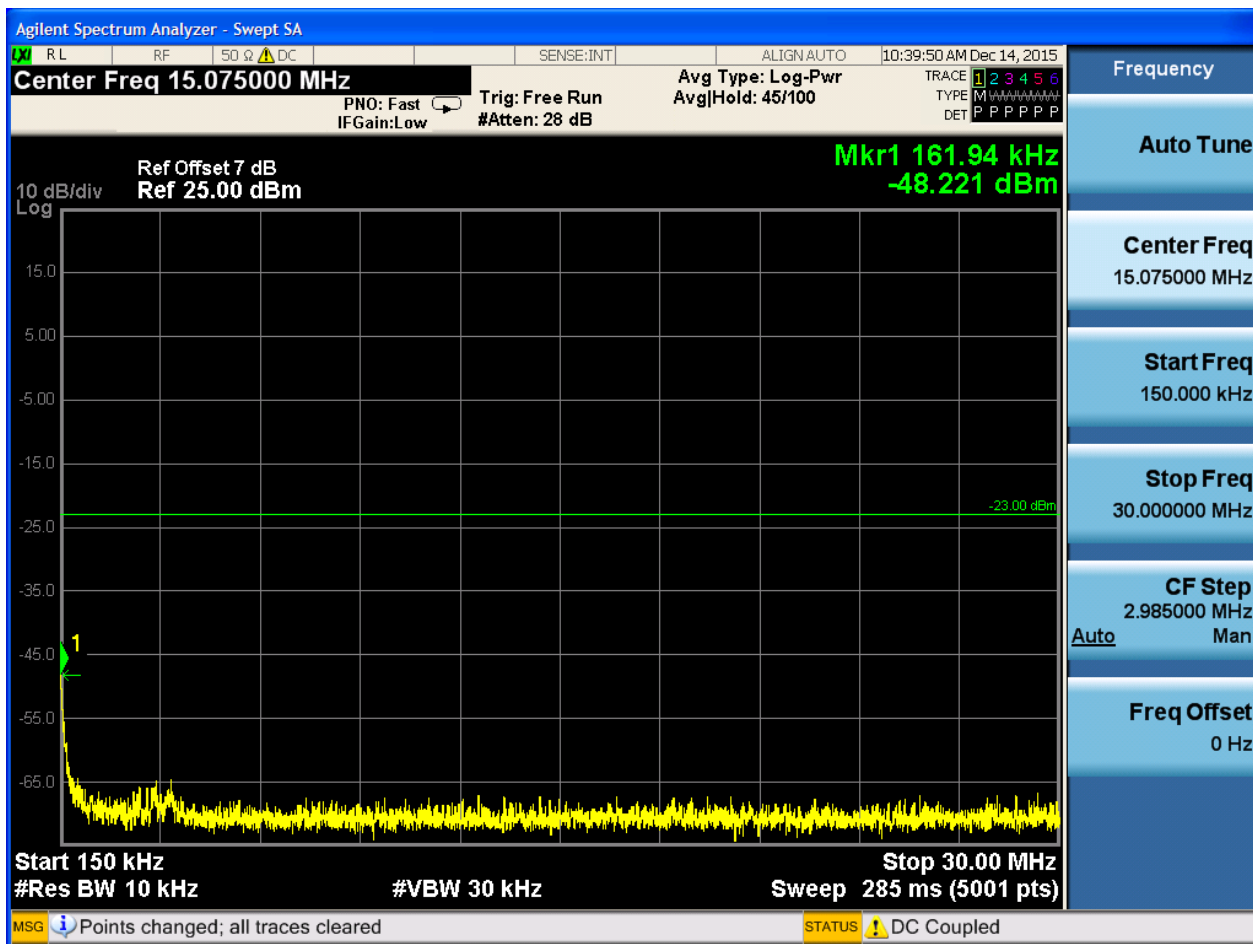


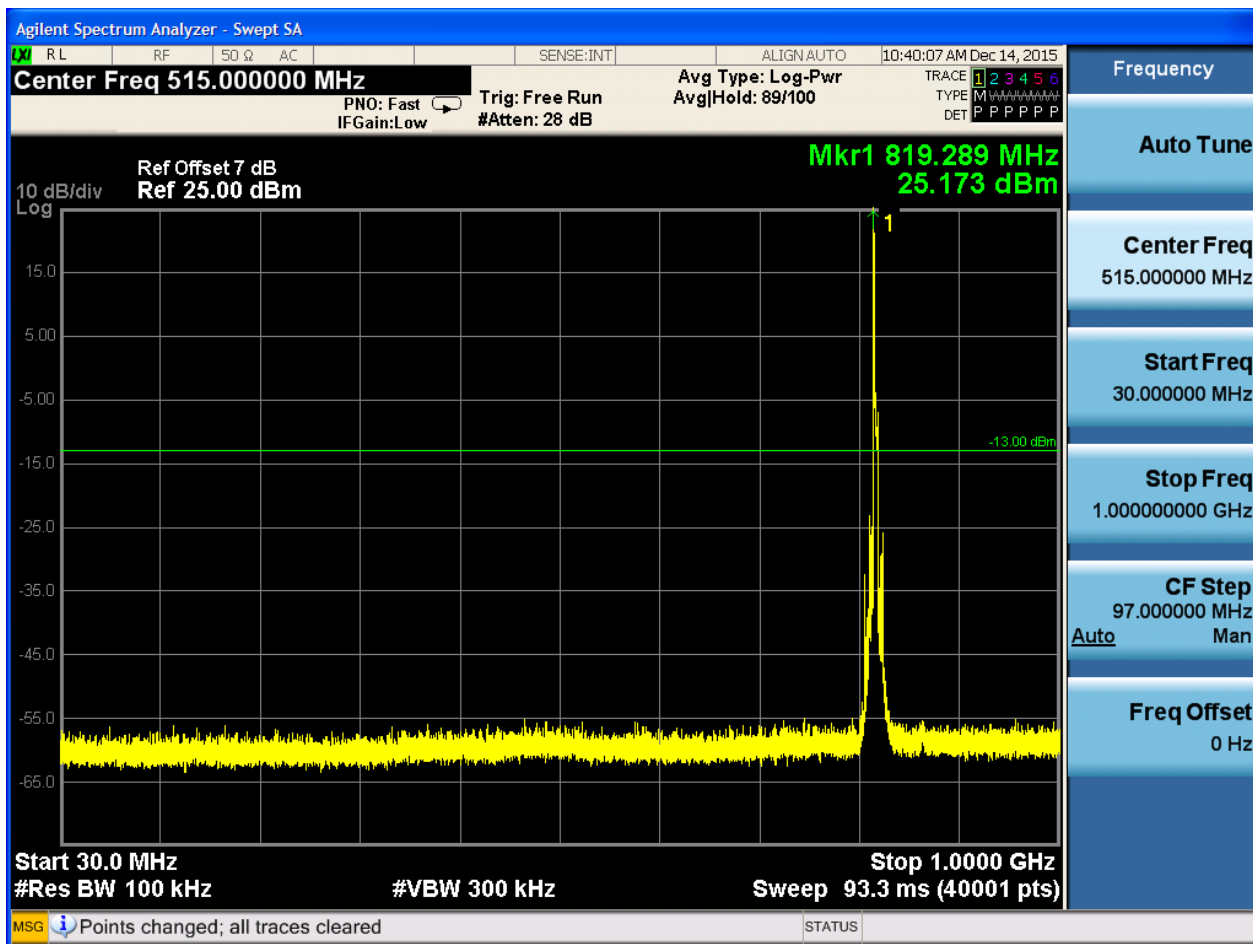


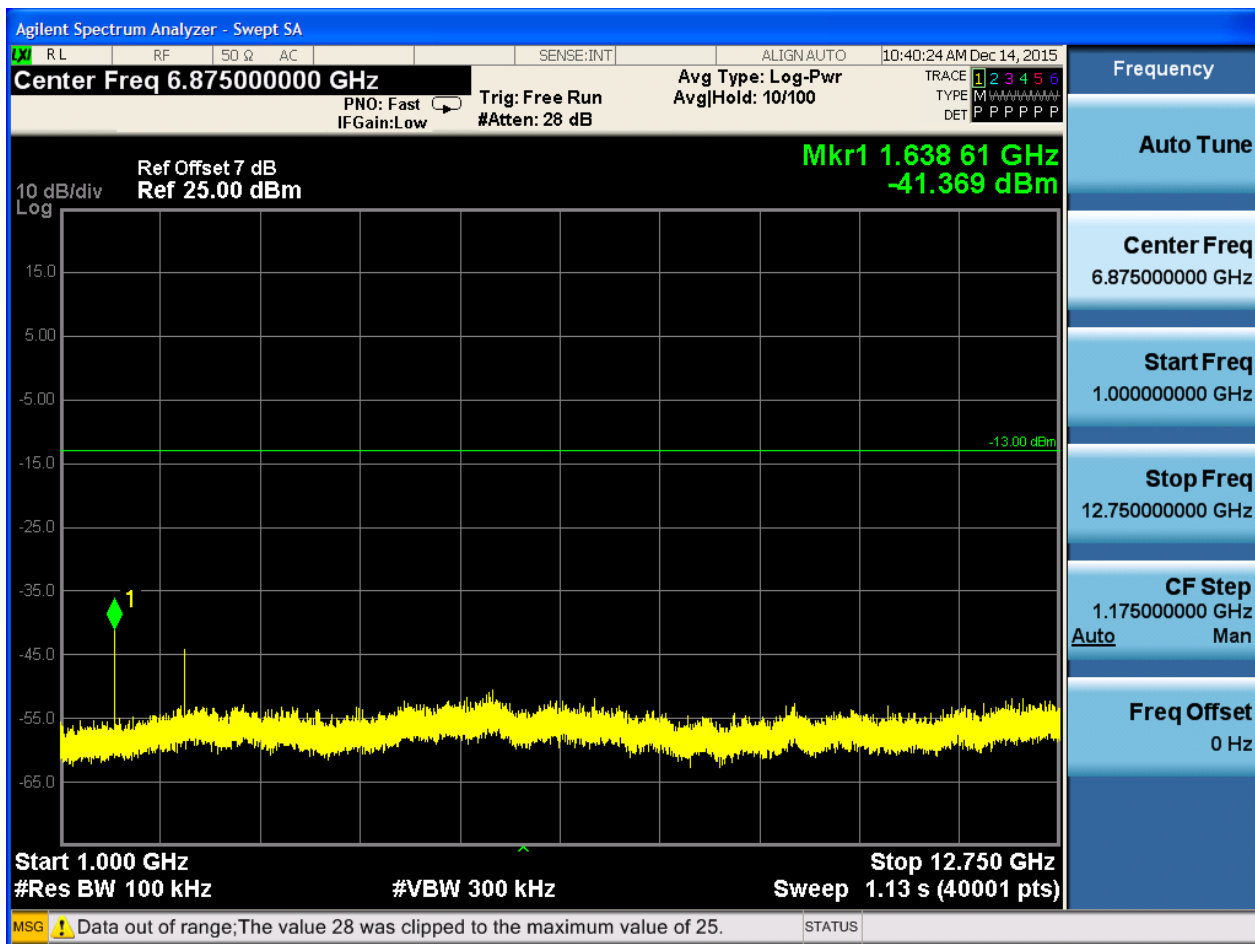
## 6.1.1.1.3.3 Test Channel = HCH

## 6.1.1.1.3.3.1 Test RB = RB1#0







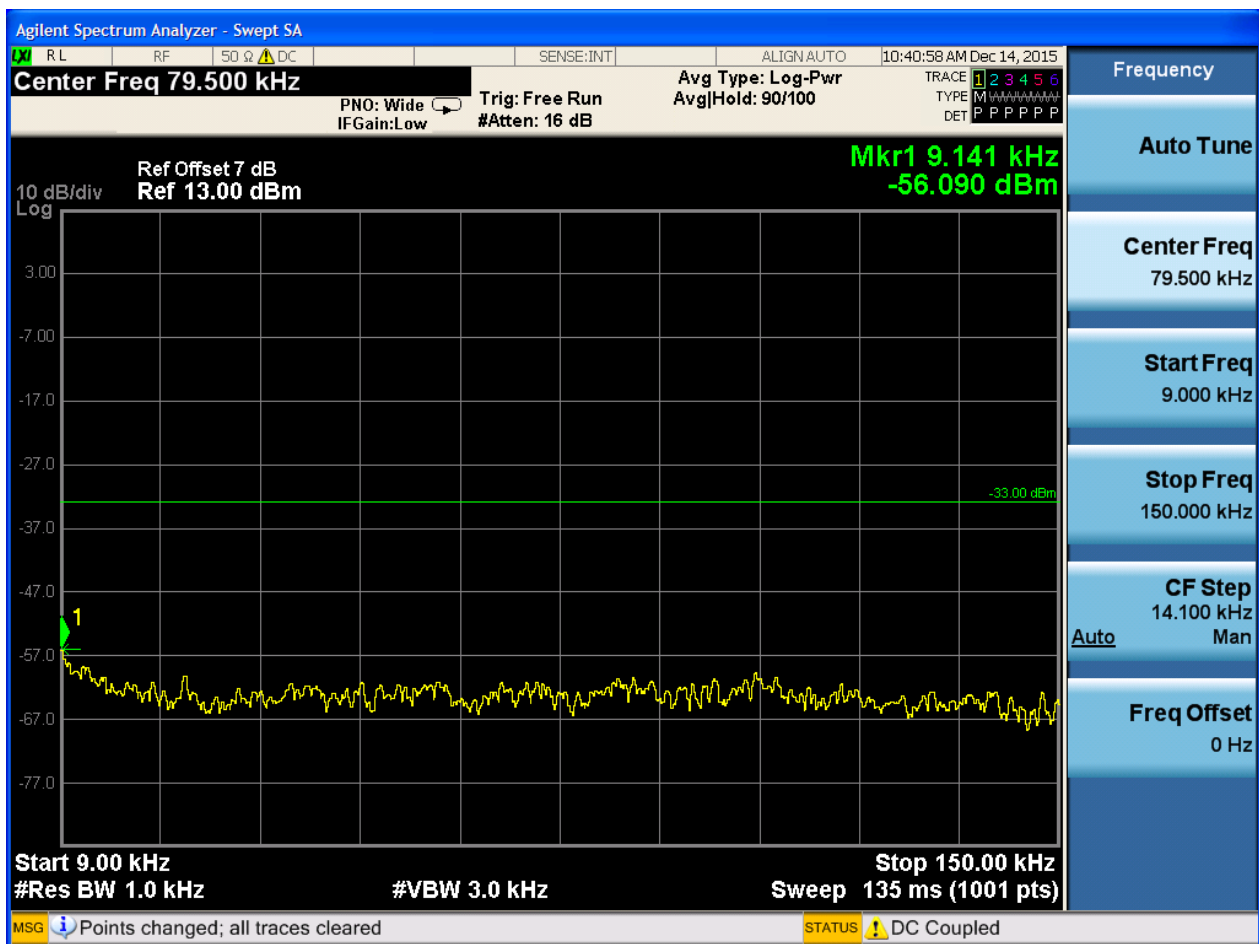


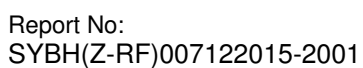


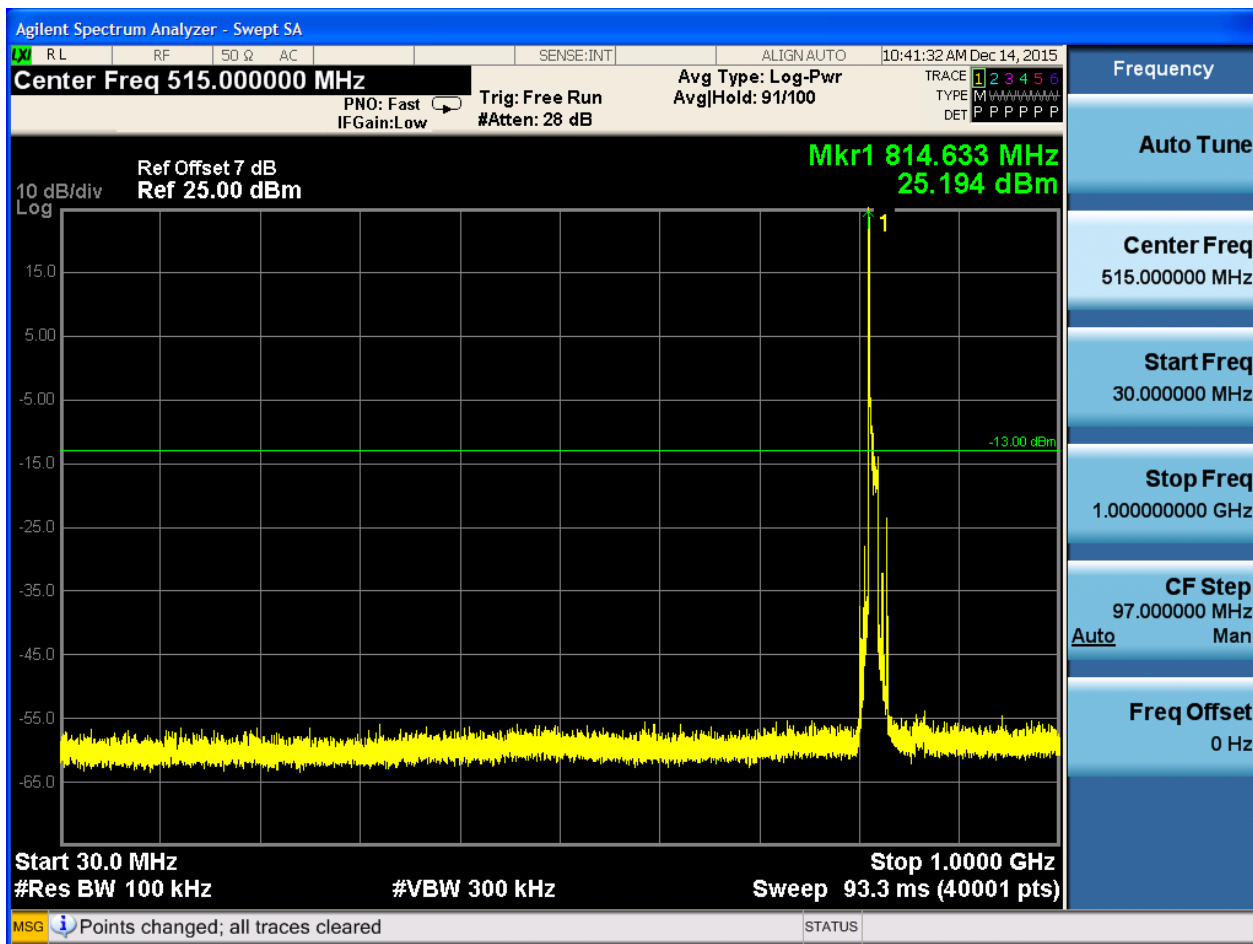
## 6.1.1.1.4 Test Bandwidth = 10

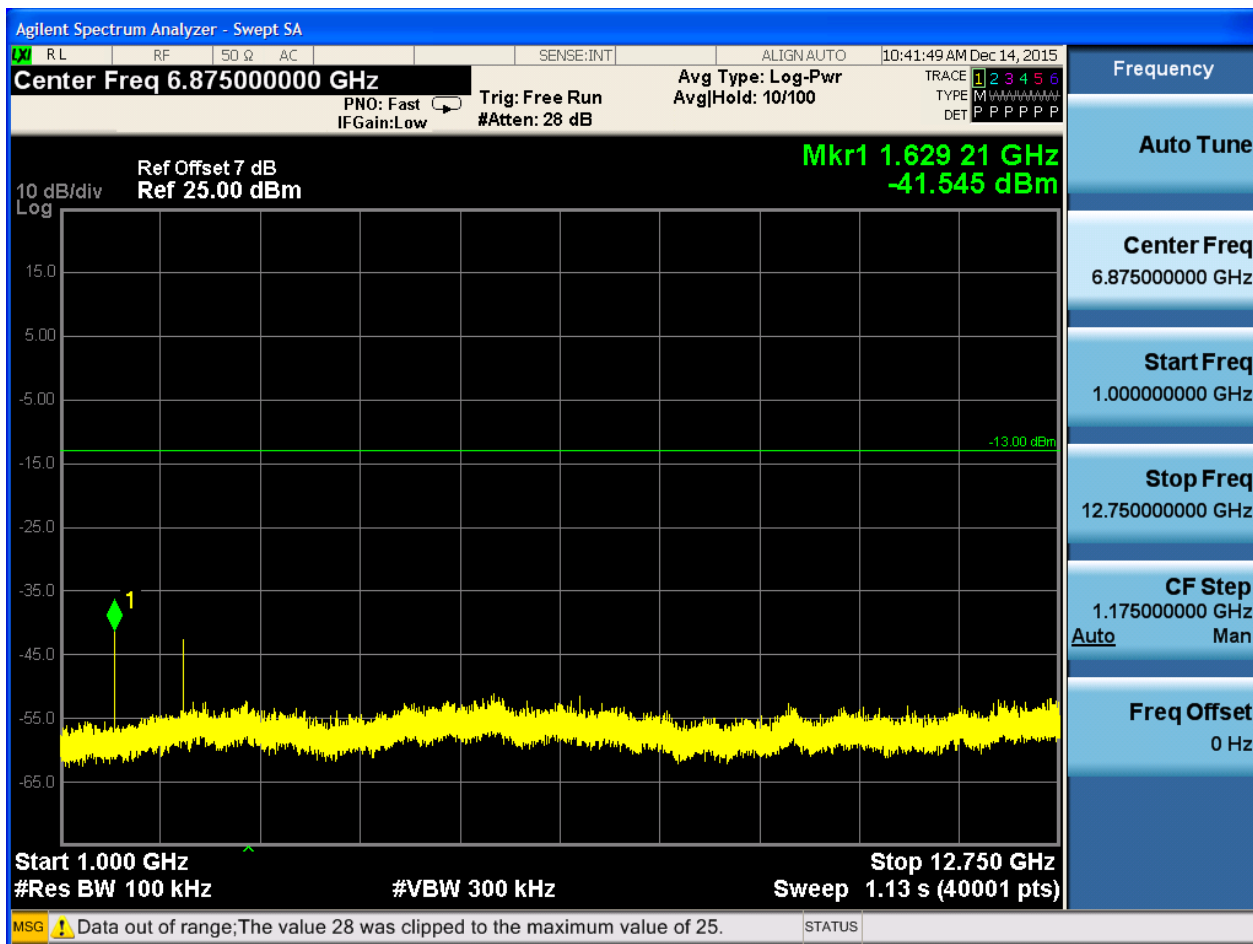
## 6.1.1.1.4.1 Test Channel = LCH/MCH/HCH

## 6.1.1.1.4.1.1 Test RB = RB1#0









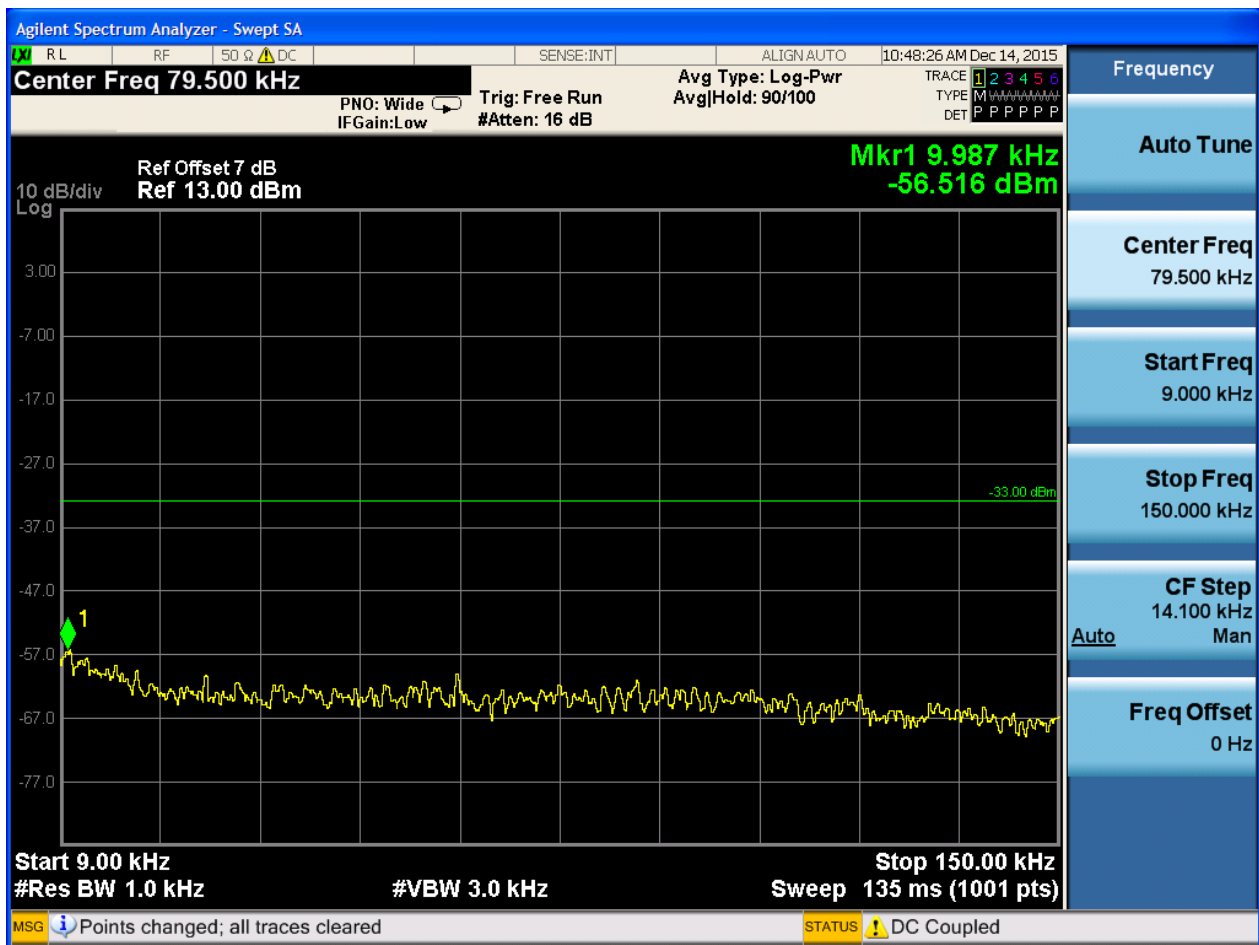


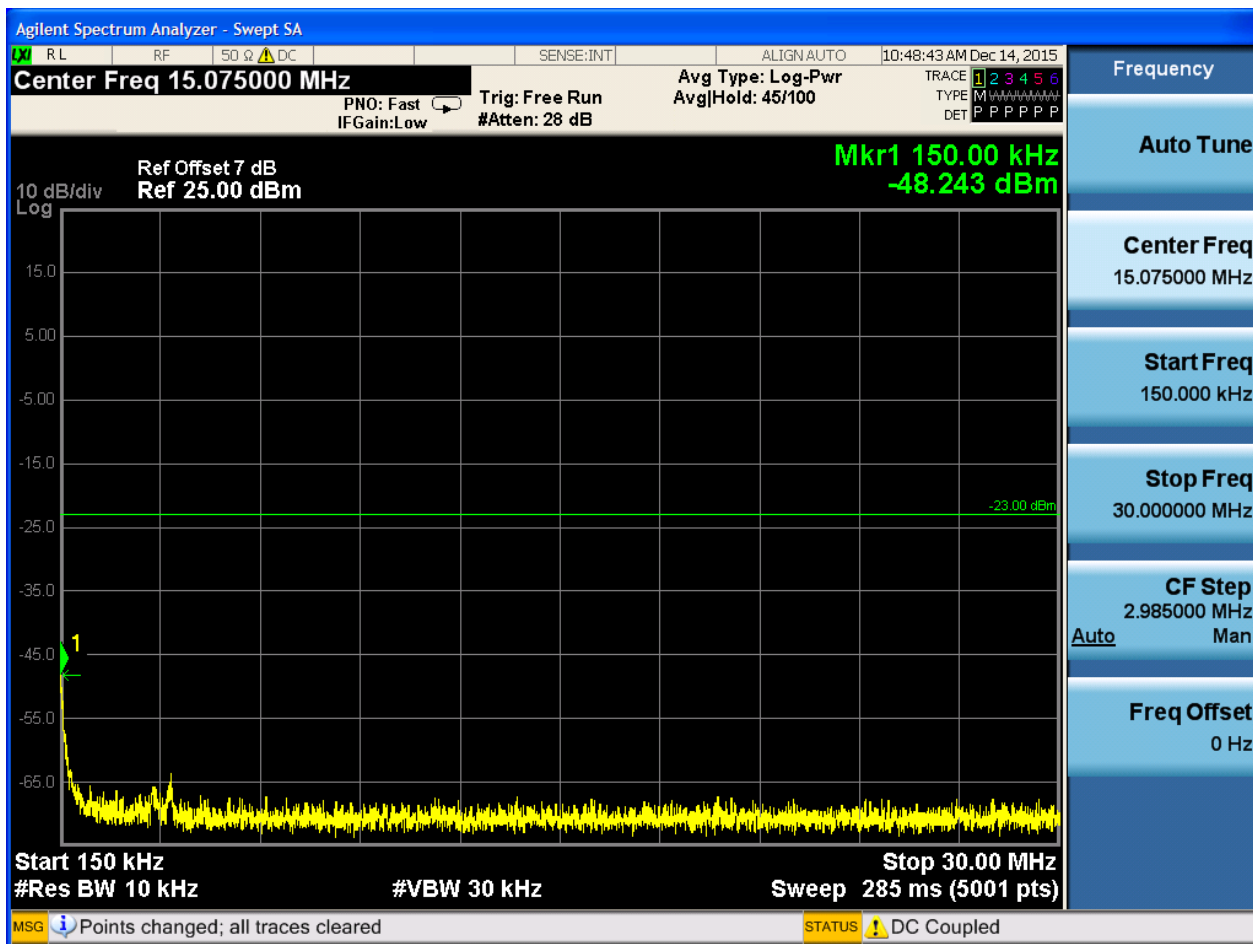
## 6.1.1.2 Test Mode = LTE/TM2

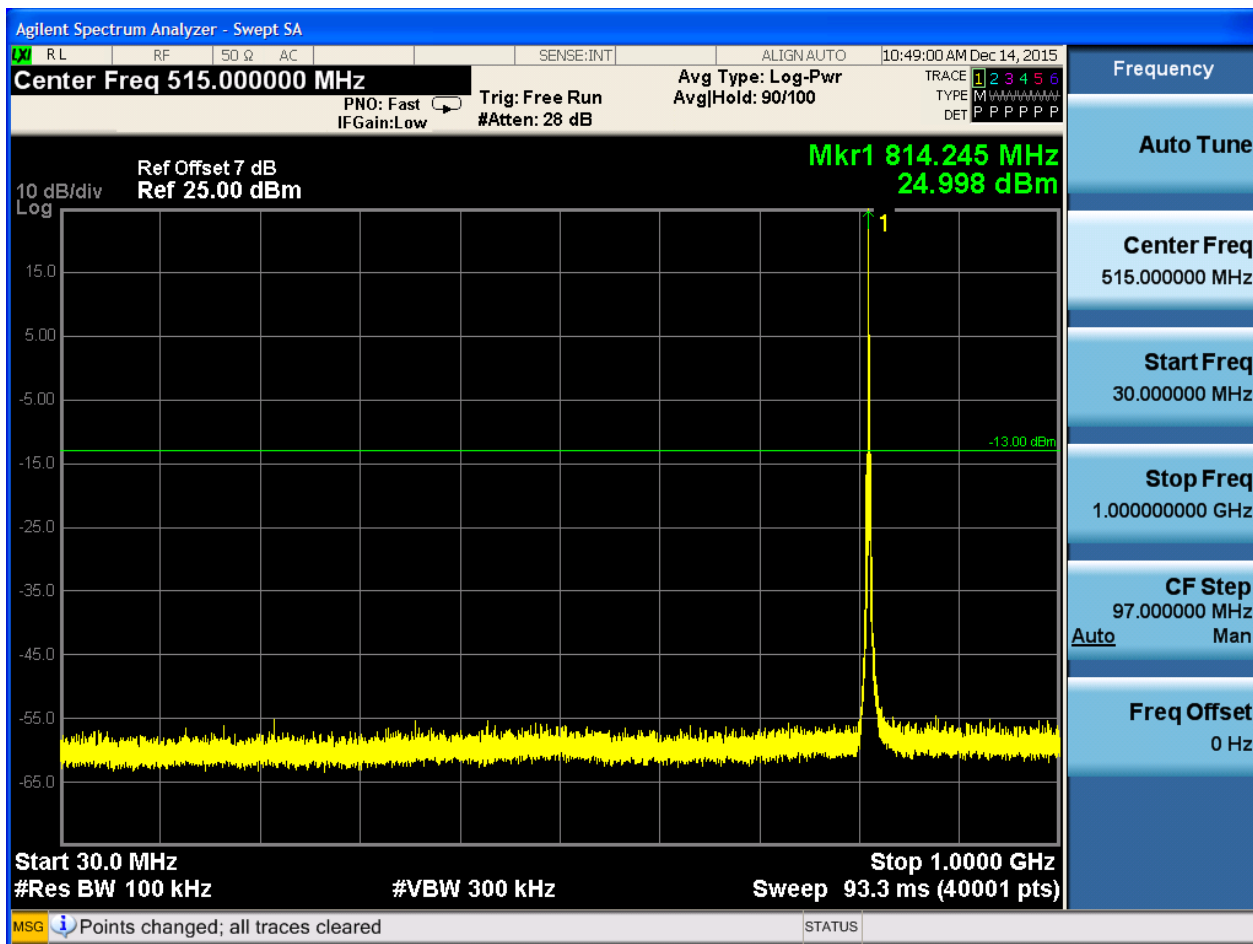
## 6.1.1.2.1 Test Bandwidth = 1.4

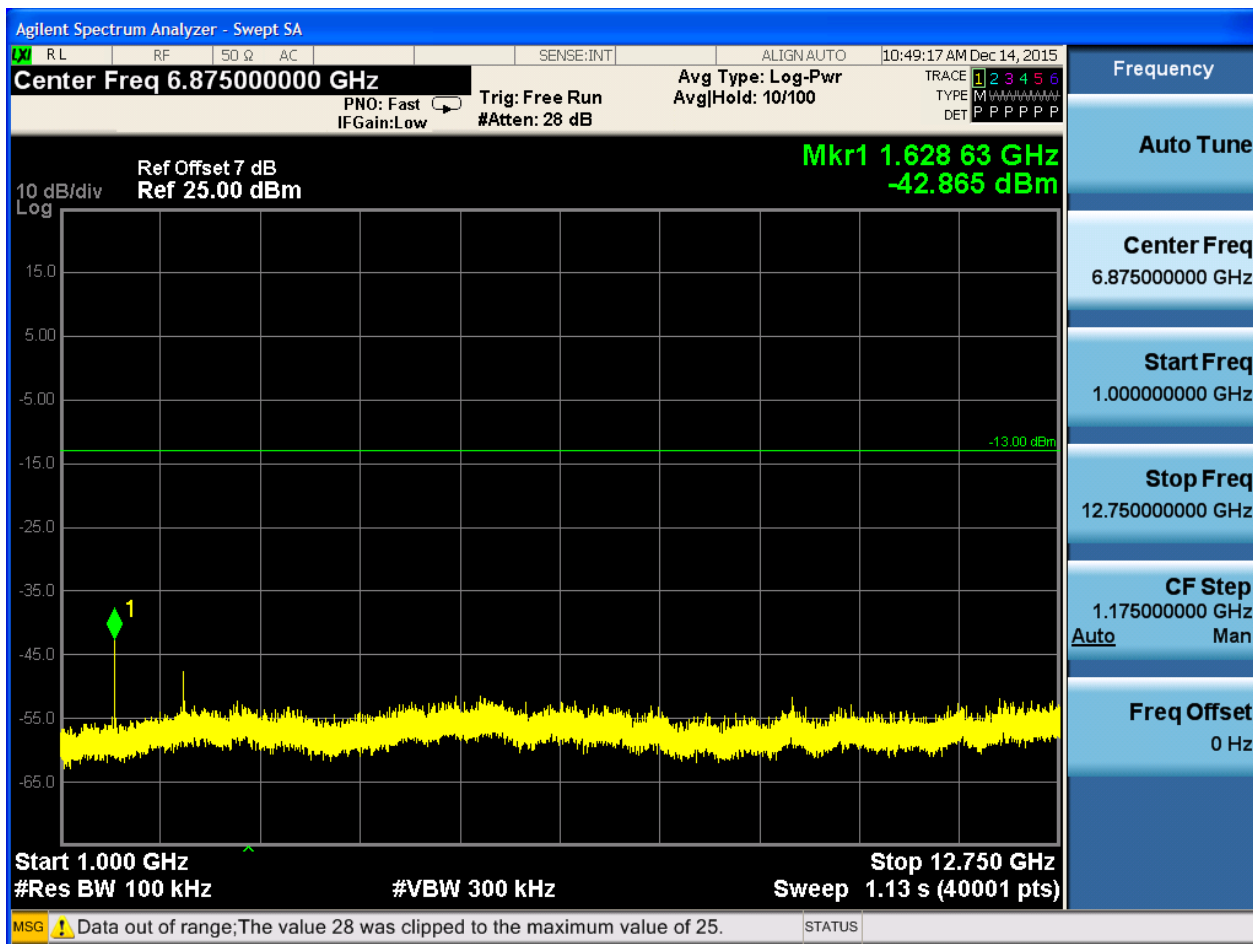
## 6.1.1.2.1.1 Test Channel = LCH

## 6.1.1.2.1.1.1 Test RB = RB1#0





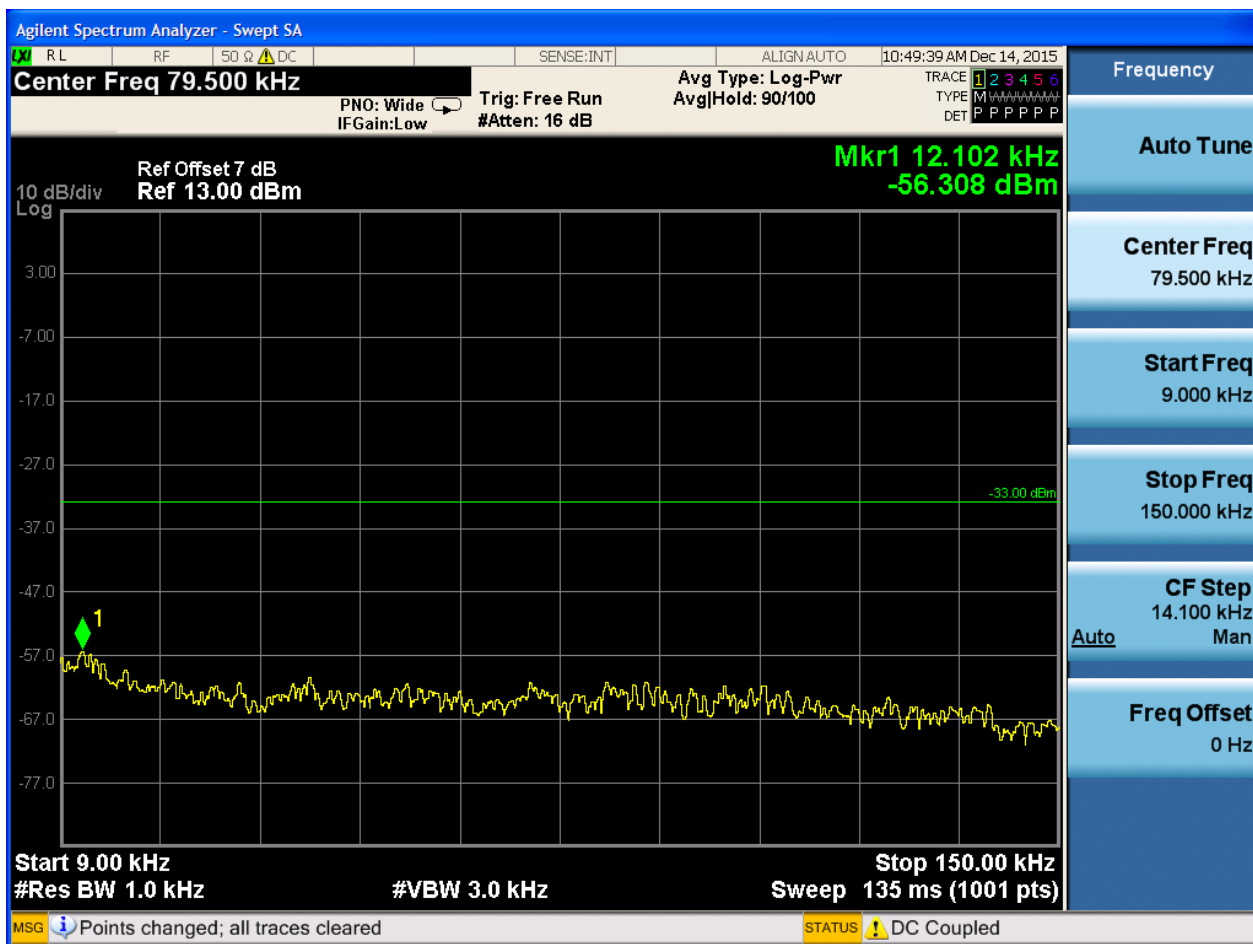


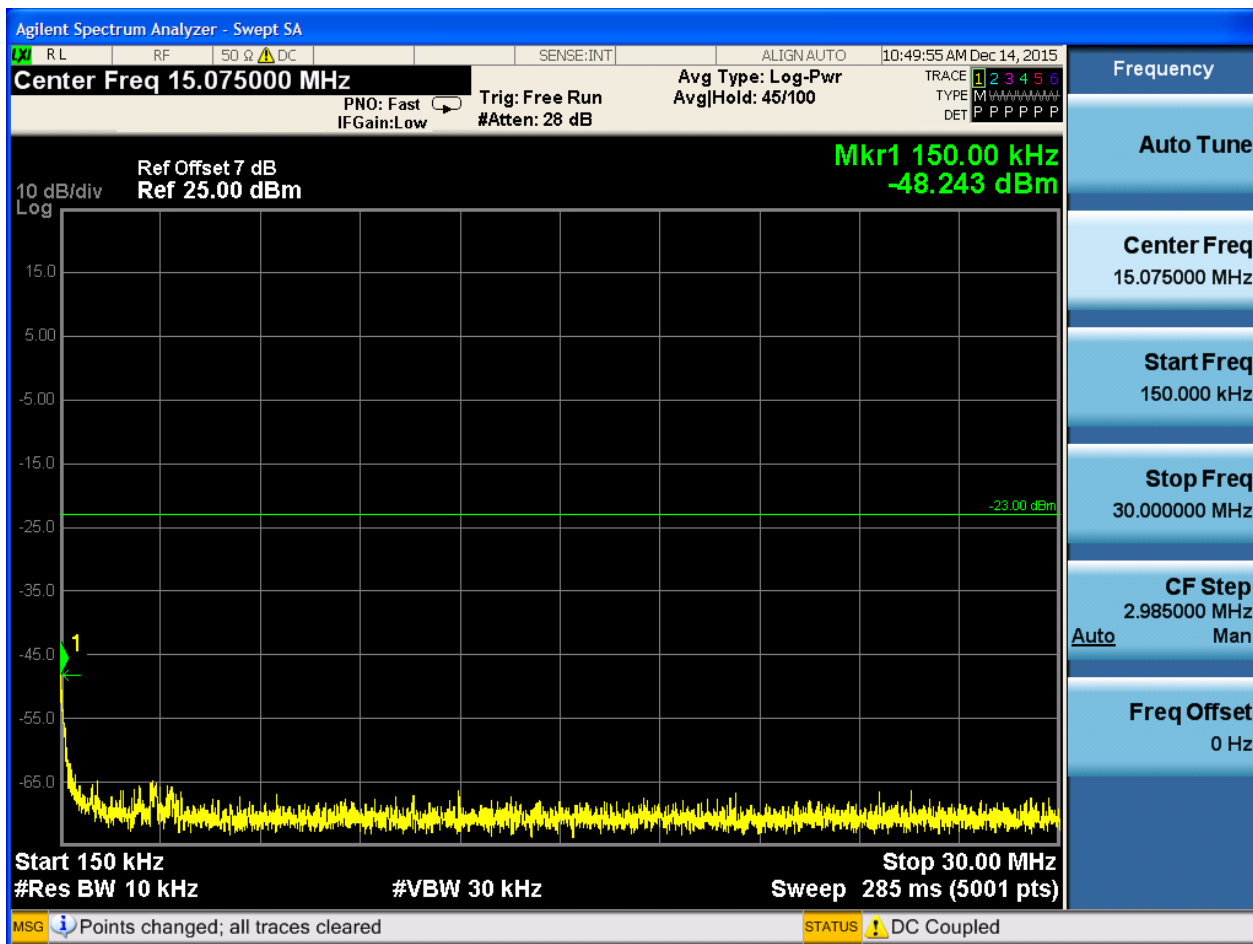


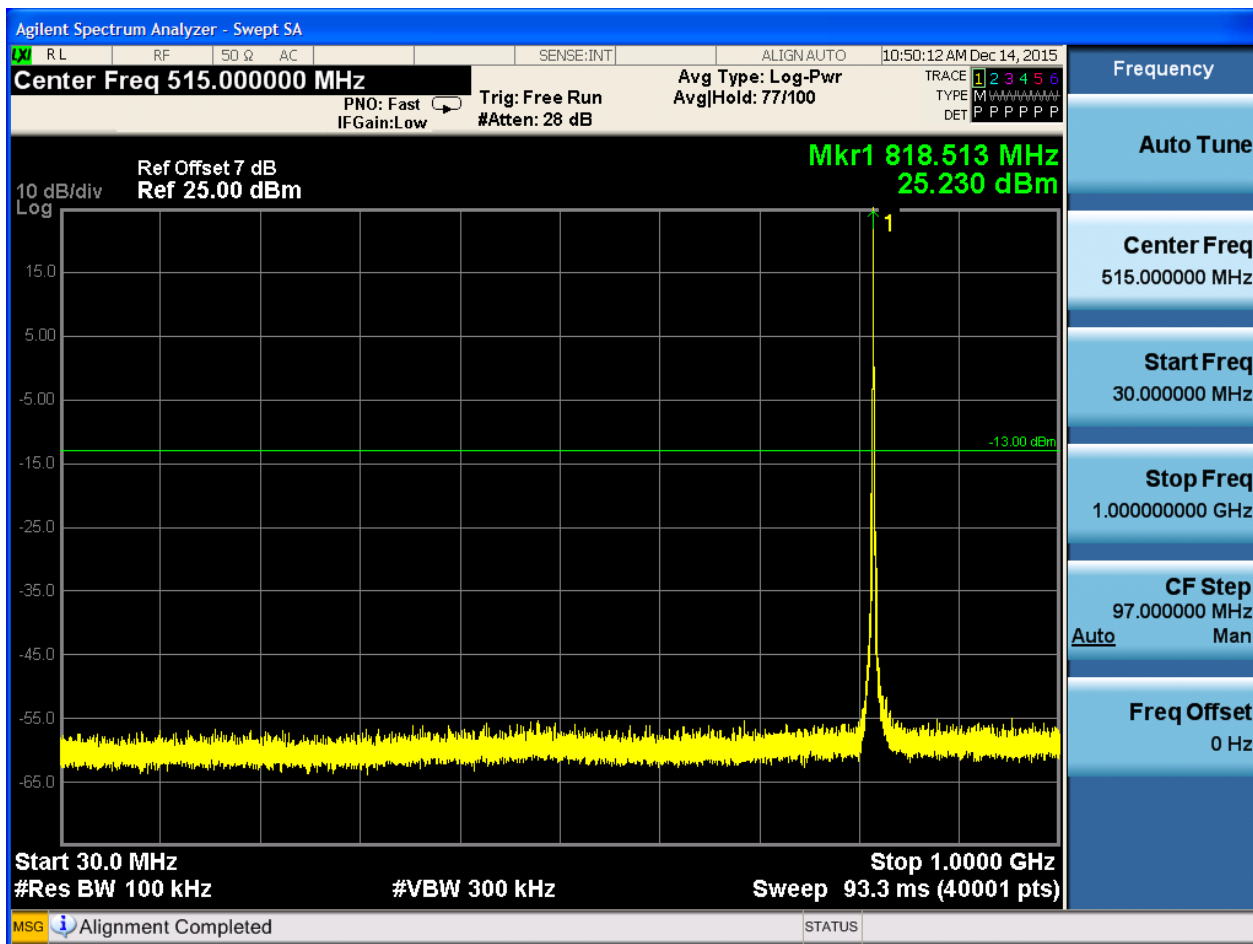


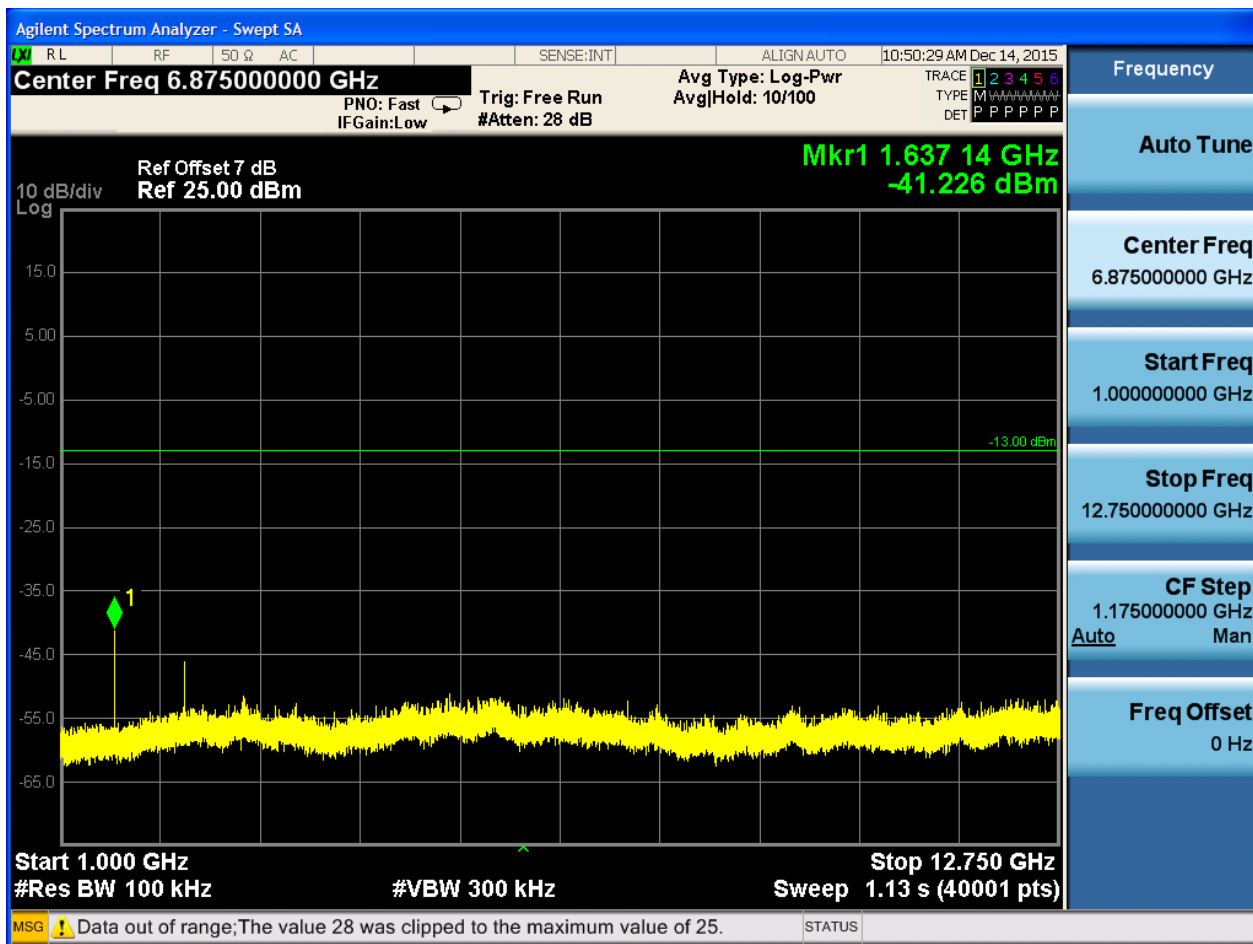
## 6.1.1.2.1.2 Test Channel = MCH

## 6.1.1.2.1.2.1 Test RB = RB1#0





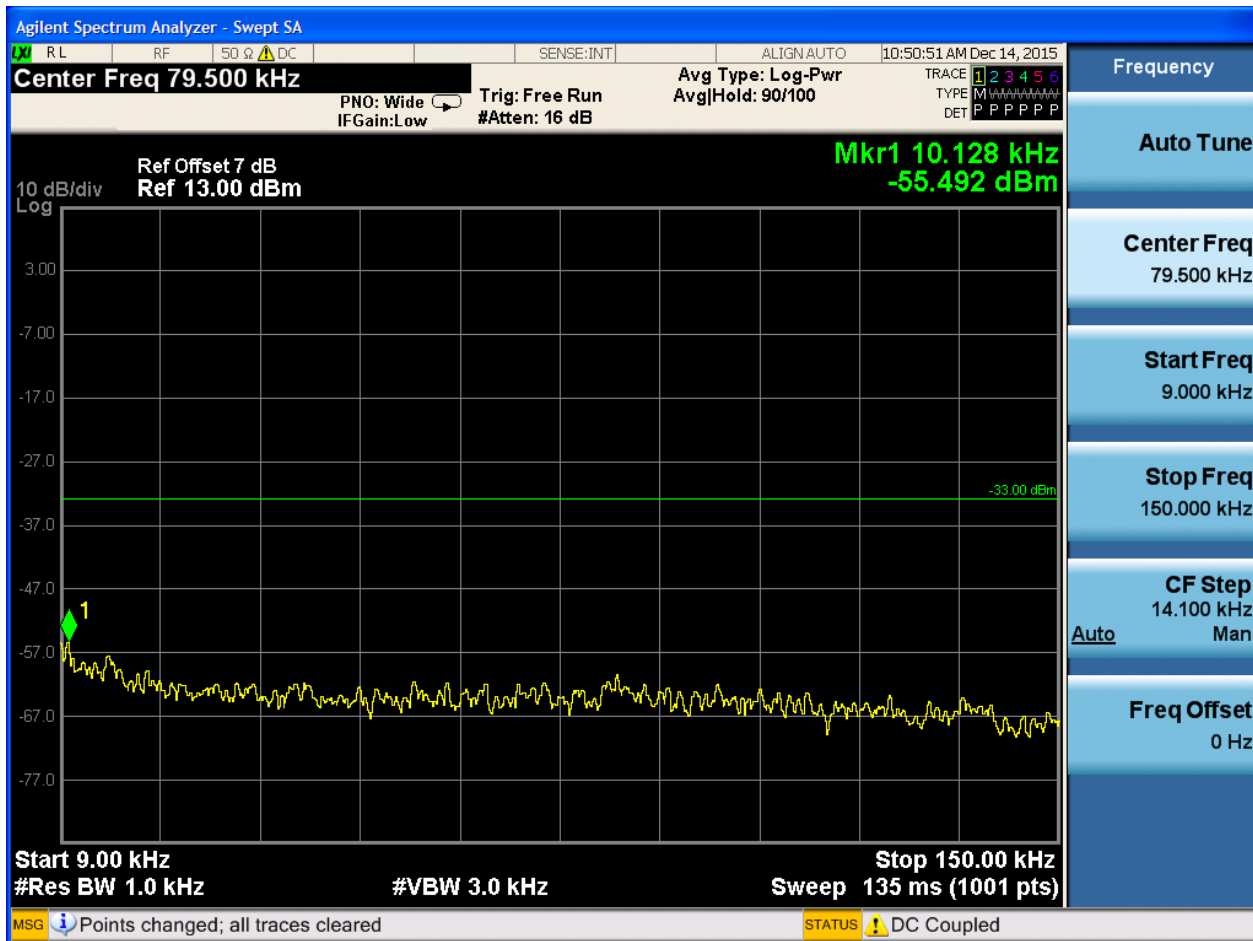




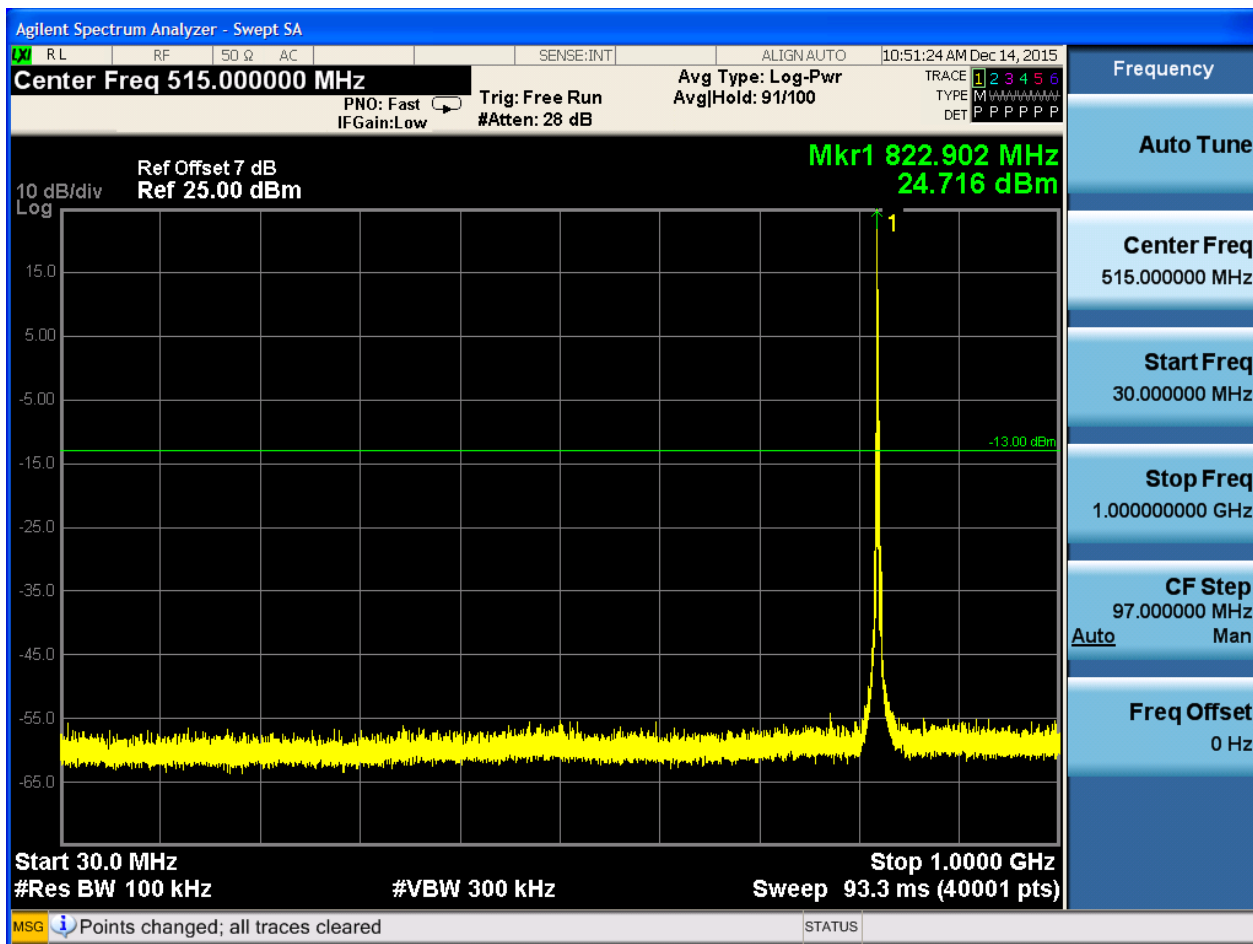


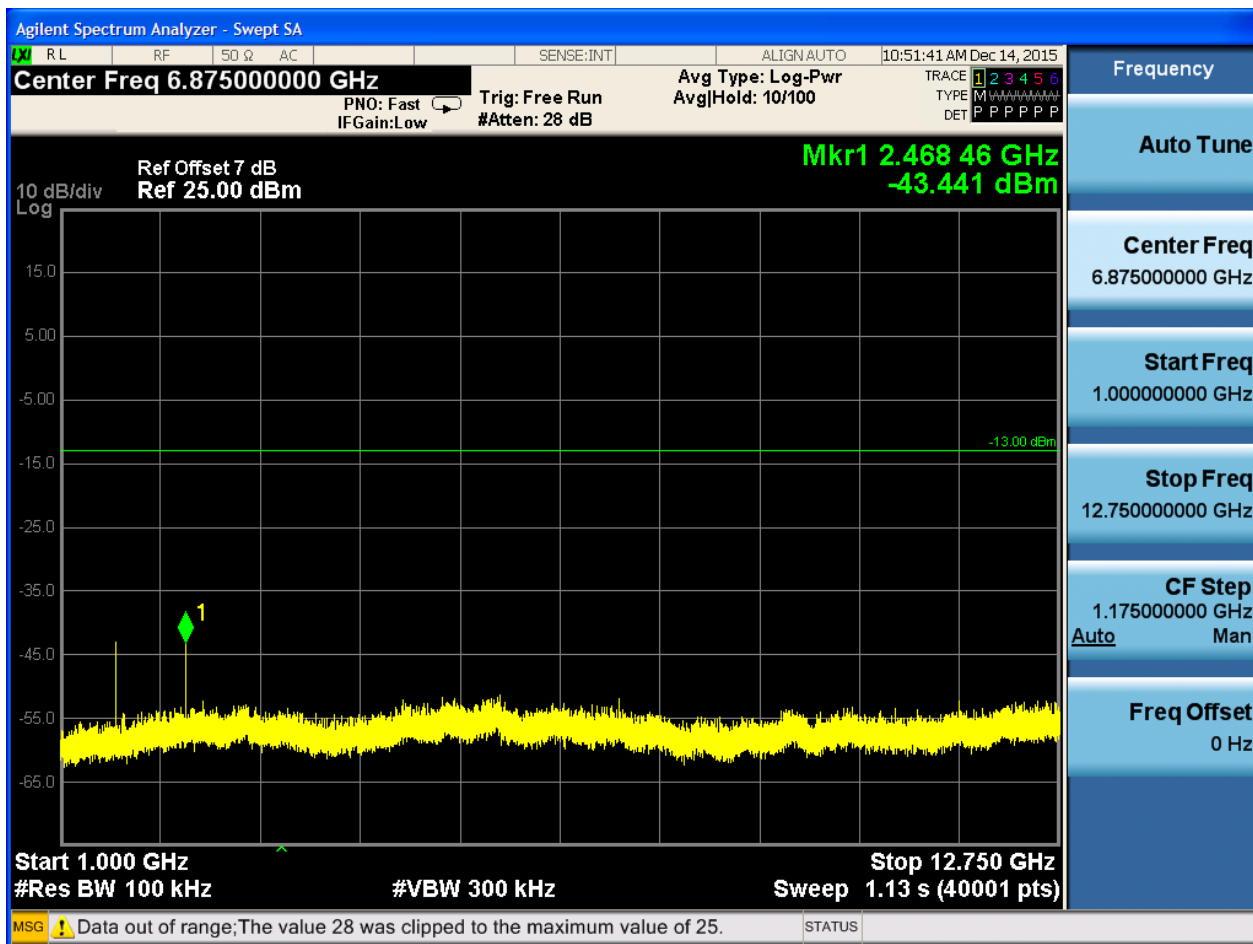
## 6.1.1.2.1.3 Test Channel = HCH

## 6.1.1.2.1.3.1 Test RB = RB1#0











## 6.1.1.2.2 Test Bandwidth = 3

## 6.1.1.2.2.1 Test Channel = LCH

## 6.1.1.2.2.1.1 Test RB = RB1#0

