



## 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 | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND7          | LTE/TM1   | 5              | LCH          | RB1#0   | 20.73          | 20.23      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.3           | 20.8       | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.73          | 21.23      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.74          | 20.24      | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.91          | 20.41      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.69          | 20.19      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.68          | 20.18      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.97          | 20.47      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.51          | 21.01      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.61          | 21.11      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.72          | 20.22      | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.84          | 20.34      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.68          | 20.18      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.74          | 20.24      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 21.07          | 20.57      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.47          | 20.97      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.62          | 21.12      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.79          | 20.29      | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.94          | 20.44      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.7           | 20.2       | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.74          | 20.24      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 20.91          | 20.41      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.51          | 21.01      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.55          | 20.05      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.52          | 20.02      | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.77          | 20.27      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.62          | 20.12      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.49          | 19.99      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.04          | 20.54      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.41          | 20.91      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.34          | 19.84      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#0  | 20.6           | 20.1       | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.71          | 20.21      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.41          | 19.91      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.55          | 20.05      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.2           | 20.7       | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.63          | 21.13      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.34          | 19.84      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.85          | 20.35      | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.83          | 20.33      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.54          | 20.04      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.63          | 20.13      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.42          | 20.92      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.54          | 21.04      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.45          | 20.95      | 33          | PASS    |
|                |           |                |              | RB36#0  | 20.74          | 20.24      | 33          | PASS    |
|                |           |                |              | RB36#18 | 20.91          | 20.41      | 33          | PASS    |
|                |           |                |              | RB36#39 | 21.05          | 20.55      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB75#0  | 20.87          | 20.37      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.65          | 21.15      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.36          | 20.86      | 33          | PASS    |
|                |           |                |              | RB1#74  | 20.9           | 20.4       | 33          | PASS    |
|                |           |                |              | RB36#0  | 20.89          | 20.39      | 33          | PASS    |
|                |           |                |              | RB36#18 | 20.72          | 20.22      | 33          | PASS    |
|                |           |                |              | RB36#39 | 20.66          | 20.16      | 33          | PASS    |
|                |           |                |              | RB75#0  | 20.77          | 20.27      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.75          | 21.25      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.66          | 21.16      | 33          | PASS    |
|                |           |                |              | RB1#74  | 20.84          | 20.34      | 33          | PASS    |
|                |           |                |              | RB36#0  | 21.15          | 20.65      | 33          | PASS    |
|                |           |                |              | RB36#18 | 21.13          | 20.63      | 33          | PASS    |
|                |           |                |              | RB36#39 | 20.77          | 20.27      | 33          | PASS    |
|                |           |                |              | RB75#0  | 20.99          | 20.49      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.67          | 21.17      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.77          | 21.27      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#99  | 21.91          | 21.41      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.01          | 20.51      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.14          | 20.64      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.34          | 20.84      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.15          | 20.65      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.01          | 21.51      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.37          | 20.87      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.14          | 20.64      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.41          | 20.91      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.04          | 20.54      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.05          | 20.55      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.17          | 20.67      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.11          | 21.61      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.93          | 21.43      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.24          | 20.74      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.52          | 21.02      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.37          | 20.87      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#50 | 21.21          | 20.71      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.3           | 20.8       | 33          | PASS    |
|                | LTE/TM2   | 5              | LCH          | RB1#0   | 20.43          | 19.93      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.03          | 20.53      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.24          | 20.74      | 33          | PASS    |
|                |           |                |              | RB12#0  | 19.57          | 19.07      | 33          | PASS    |
|                |           |                |              | RB12#6  | 19.76          | 19.26      | 33          | PASS    |
|                |           |                |              | RB12#13 | 19.57          | 19.07      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.57          | 19.07      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.35          | 19.85      | 33          | PASS    |
|                |           |                |              | RB1#13  | 20.89          | 20.39      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21             | 20.5       | 33          | PASS    |
|                |           |                |              | RB12#0  | 19.59          | 19.09      | 33          | PASS    |
|                |           |                |              | RB12#6  | 19.72          | 19.22      | 33          | PASS    |
|                |           |                |              | RB12#13 | 19.57          | 19.07      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.62          | 19.12      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 20.63          | 20.13      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#13  | 21.12          | 20.62      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.22          | 20.72      | 33          | PASS    |
|                |           |                |              | RB12#0  | 19.69          | 19.19      | 33          | PASS    |
|                |           |                |              | RB12#6  | 19.84          | 19.34      | 33          | PASS    |
|                |           |                |              | RB12#13 | 19.61          | 19.11      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.63          | 19.13      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 20.64          | 20.14      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.25          | 20.75      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.34          | 19.84      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.46          | 18.96      | 33          | PASS    |
|                |           |                |              | RB25#13 | 19.73          | 19.23      | 33          | PASS    |
|                |           |                |              | RB25#25 | 19.6           | 19.1       | 33          | PASS    |
|                |           |                |              | RB50#0  | 19.47          | 18.97      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.8           | 20.3       | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.14          | 20.64      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.13          | 19.63      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.56          | 19.06      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#13 | 19.68          | 19.18      | 33          | PASS    |
|                |           |                |              | RB25#25 | 19.4           | 18.9       | 33          | PASS    |
|                |           |                |              | RB50#0  | 19.53          | 19.03      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 20.97          | 20.47      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.3           | 20.8       | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.07          | 19.57      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.81          | 19.31      | 33          | PASS    |
|                |           |                |              | RB25#13 | 19.77          | 19.27      | 33          | PASS    |
|                |           |                |              | RB25#25 | 19.52          | 19.02      | 33          | PASS    |
|                |           |                |              | RB50#0  | 19.59          | 19.09      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.17          | 20.67      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.29          | 20.79      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.17          | 20.67      | 33          | PASS    |
|                |           |                |              | RB36#0  | 19.72          | 19.22      | 33          | PASS    |
|                |           |                |              | RB36#18 | 19.9           | 19.4       | 33          | PASS    |
|                |           |                |              | RB36#39 | 20.05          | 19.55      | 33          | PASS    |
|                |           |                |              | RB75#0  | 19.84          | 19.34      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.31          | 20.81      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.05          | 20.55      | 33          | PASS    |
|                |           |                |              | RB1#74  | 20.62          | 20.12      | 33          | PASS    |
|                |           |                |              | RB36#0  | 19.86          | 19.36      | 33          | PASS    |
|                |           |                |              | RB36#18 | 19.7           | 19.2       | 33          | PASS    |
|                |           |                |              | RB36#39 | 19.66          | 19.16      | 33          | PASS    |
|                |           |                |              | RB75#0  | 19.74          | 19.24      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.34          | 20.84      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.27          | 20.77      | 33          | PASS    |
|                |           |                |              | RB1#74  | 20.49          | 19.99      | 33          | PASS    |
|                |           |                |              | RB36#0  | 20.36          | 19.86      | 33          | PASS    |
|                |           |                |              | RB36#18 | 20.33          | 19.83      | 33          | PASS    |
|                |           |                |              | RB36#39 | 19.77          | 19.27      | 33          | PASS    |
|                |           |                |              | RB75#0  | 19.86          | 19.36      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.61          | 21.11      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.74          | 21.24      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.81          | 21.31      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#0  | 20.01          | 19.51      | 33          | PASS    |
|                |           |                |              | RB50#25 | 20.12          | 19.62      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.33          | 19.83      | 33          | PASS    |
|                |           |                |              | RB100#0 | 20.17          | 19.67      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.88          | 21.38      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.25          | 20.75      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.08          | 20.58      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.38          | 19.88      | 33          | PASS    |
|                |           |                |              | RB50#25 | 20.02          | 19.52      | 33          | PASS    |
|                |           |                |              | RB50#50 | 19.83          | 19.33      | 33          | PASS    |
|                |           |                |              | RB100#0 | 19.94          | 19.44      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.78          | 21.28      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.75          | 21.25      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.07          | 20.57      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.49          | 19.99      | 33          | PASS    |
|                |           |                |              | RB50#25 | 20.33          | 19.83      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.19          | 19.69      | 33          | PASS    |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB100#0 | 20.28          | 19.78      | 33          | 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: RBW > emission bandwidth, VBW > 3 x RBW.

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 |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND7              | LTE/TM1   | 5                    | LCH          | RB1#0   | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.35         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.7          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.19         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.57         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.2          | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.78         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 3.63         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.33         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.26         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.06         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.21         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.52         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.44         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB25#25 | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.91         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.13         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.78         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.96         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.76         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.32         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.25         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.09         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.17         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6            | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.98         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.92         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.73         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.78         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.32         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.06         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.09         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.11         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.44         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#99  | 4.15         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.94         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.16         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.03         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.62         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.69         | 13         | PASS    |
|                    | LTE/TM2   | 5                    | LCH          | RB1#0   | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.41         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.25         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.17         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.9          | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.52         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.59         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 6.85         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.29         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.59         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.21         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5            | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 6.37         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.76         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.61         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.34         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.54         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.29         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.74         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.56         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.38         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.38         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.24         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

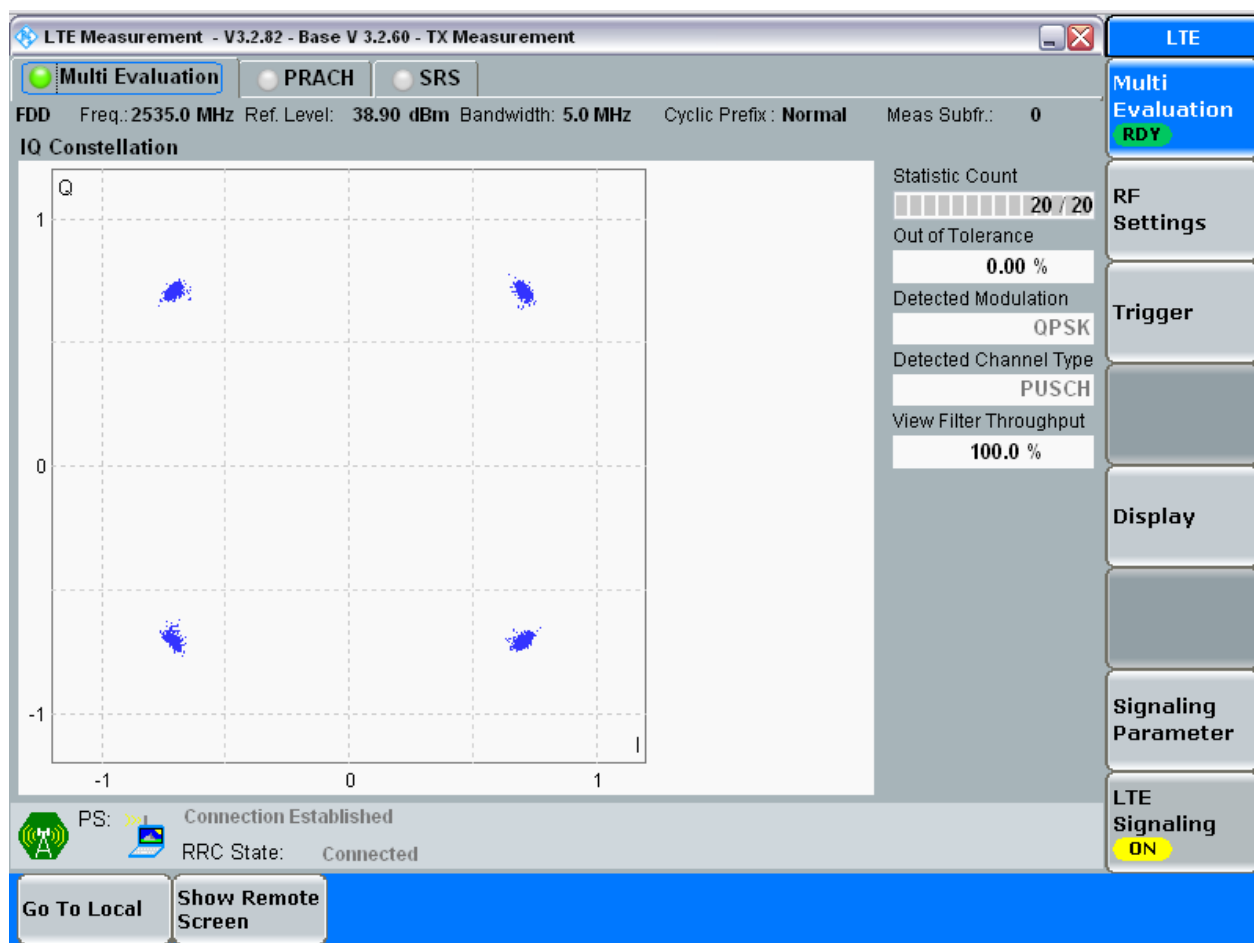
##### 3.1.1 Test Band = BAND7

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

##### 3.1.1.1.1 Test Bandwidth = 5

##### 3.1.1.1.1.1 Test Channel = MCH

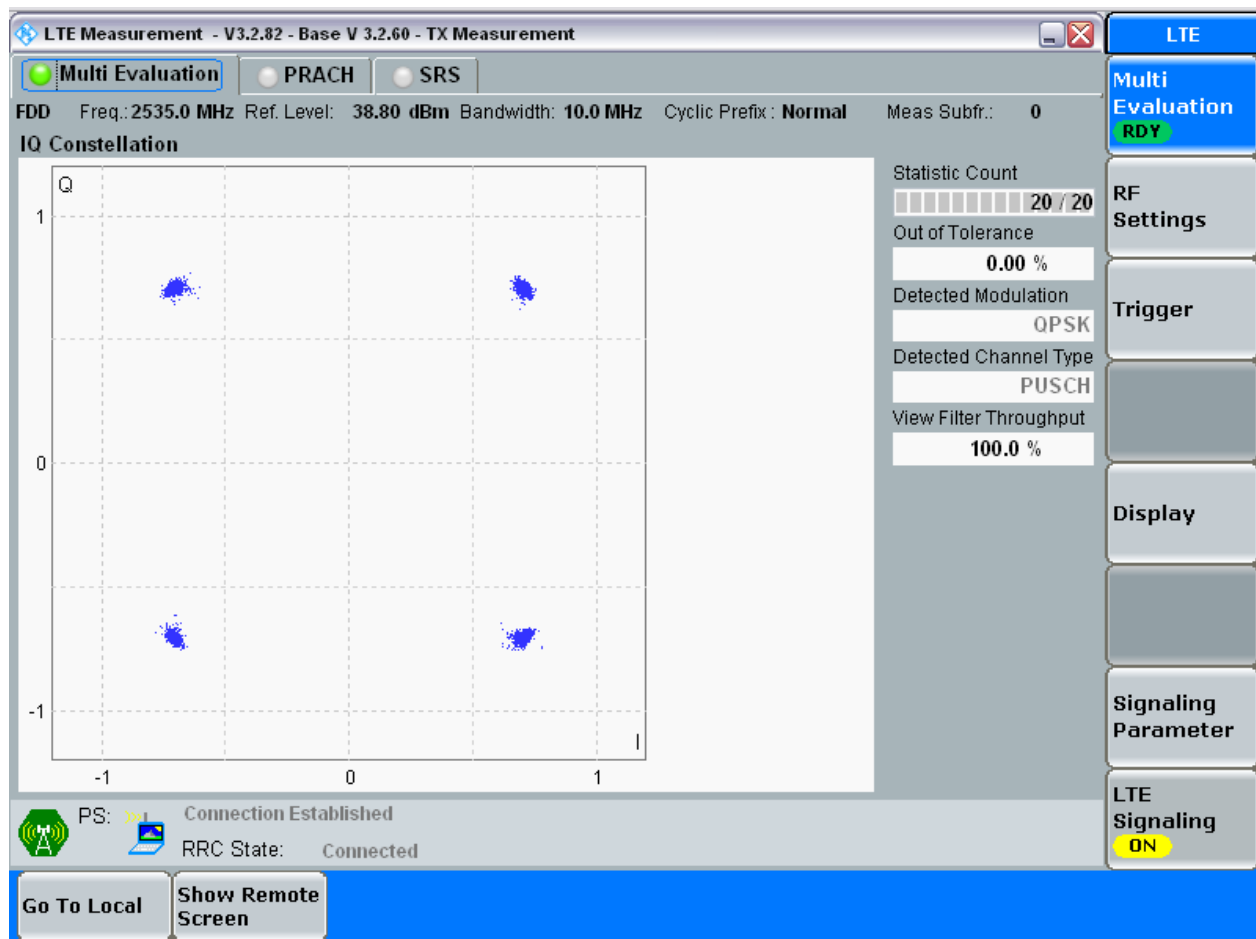
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

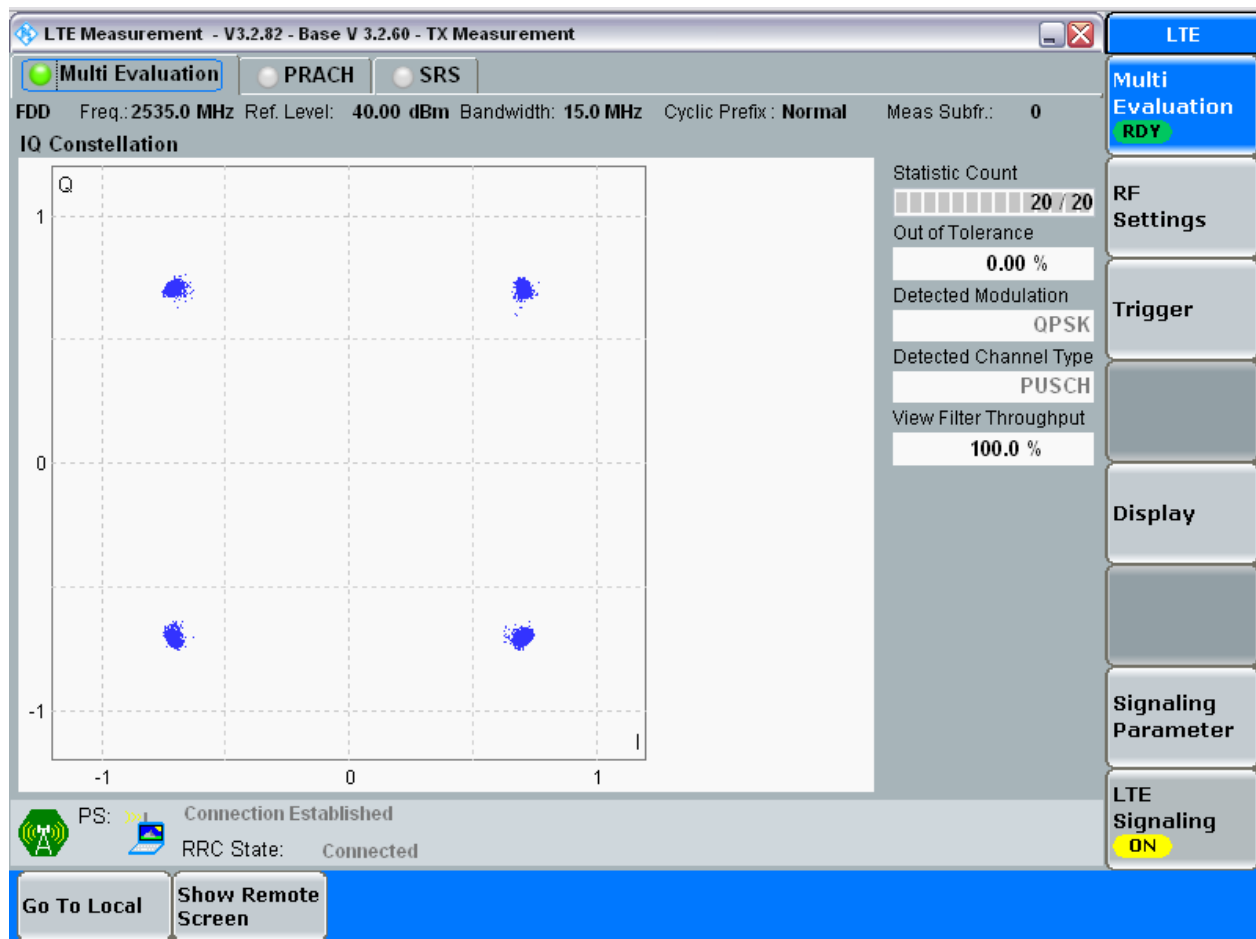
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

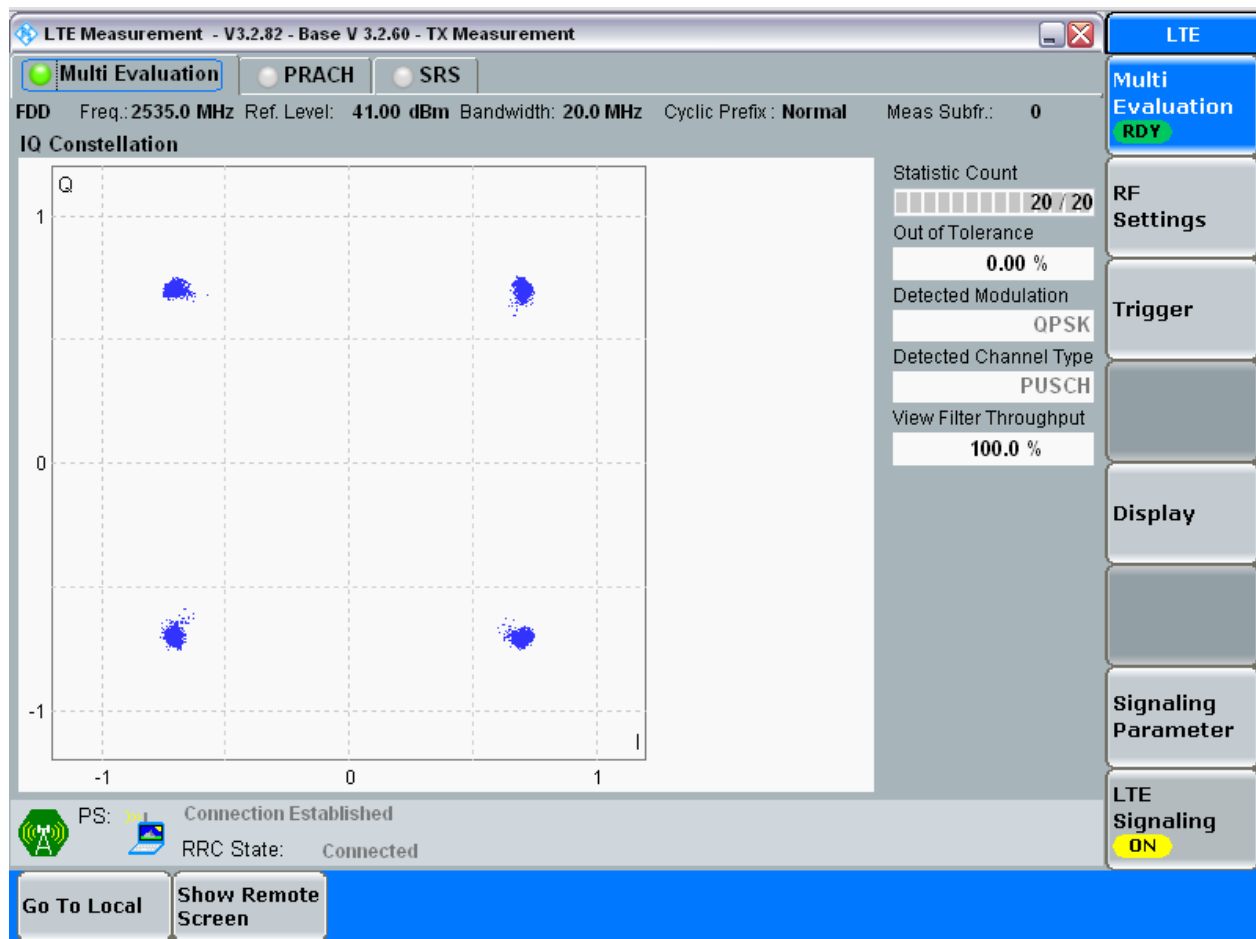
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 3.1.1.1.4 Test Bandwidth = 20

#### 3.1.1.1.4.1 Test Channel = MCH

##### 3.1.1.1.4.1.1 Test RB = RB100#0

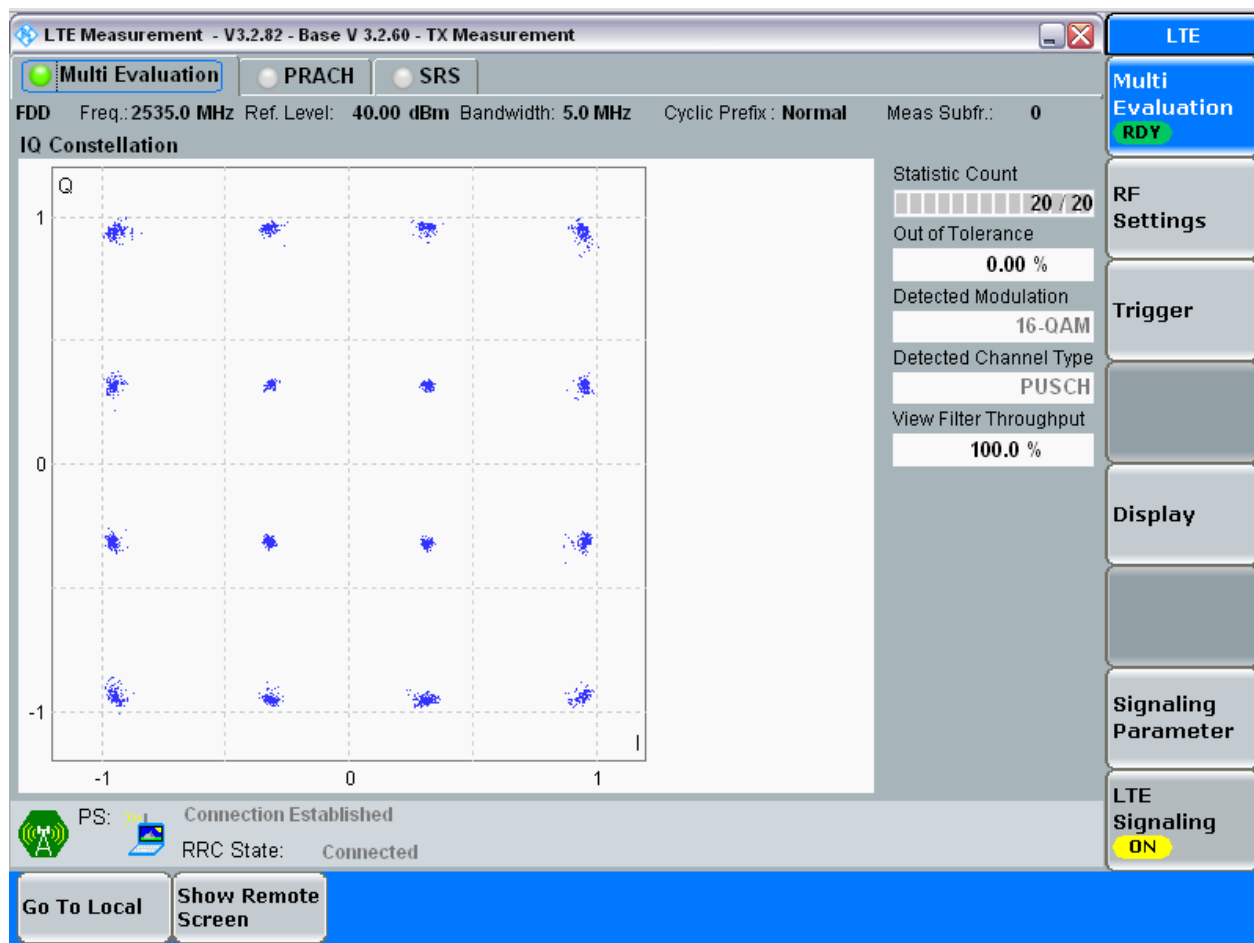


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

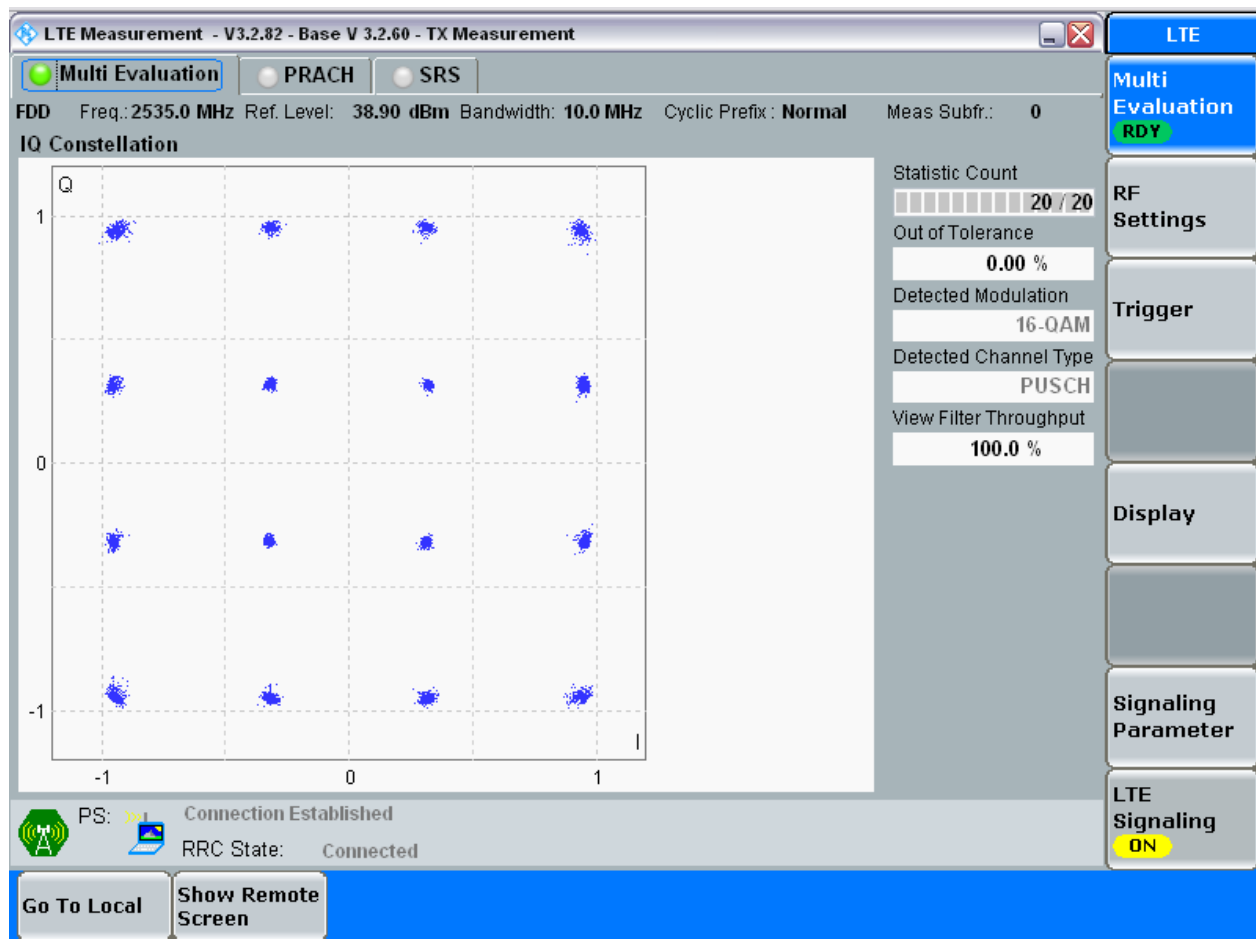
##### 3.1.1.2.1.1.1 Test RB = RB25#0



### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

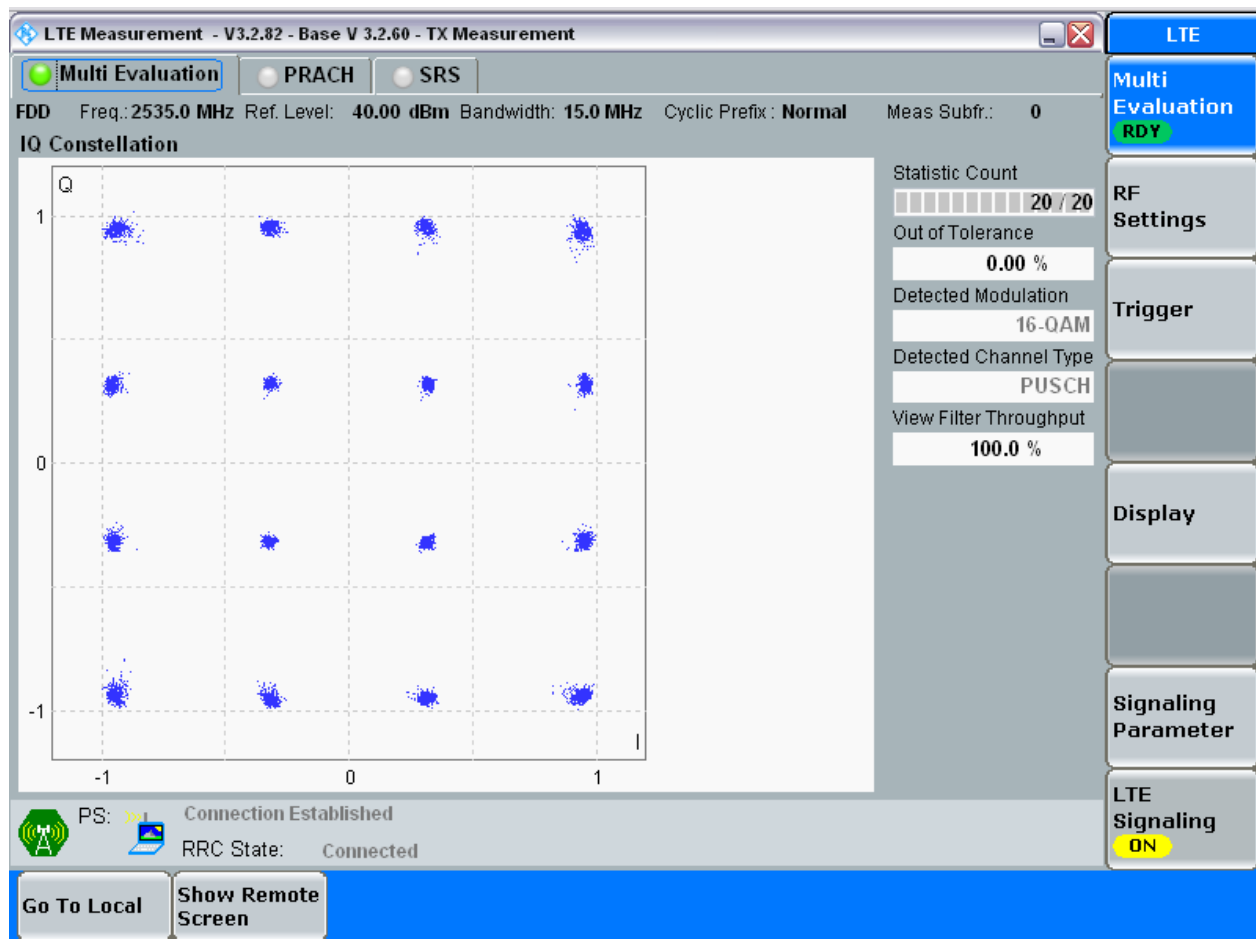
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 3.1.1.2.3 Test Bandwidth = 15

#### 3.1.1.2.3.1 Test Channel = MCH

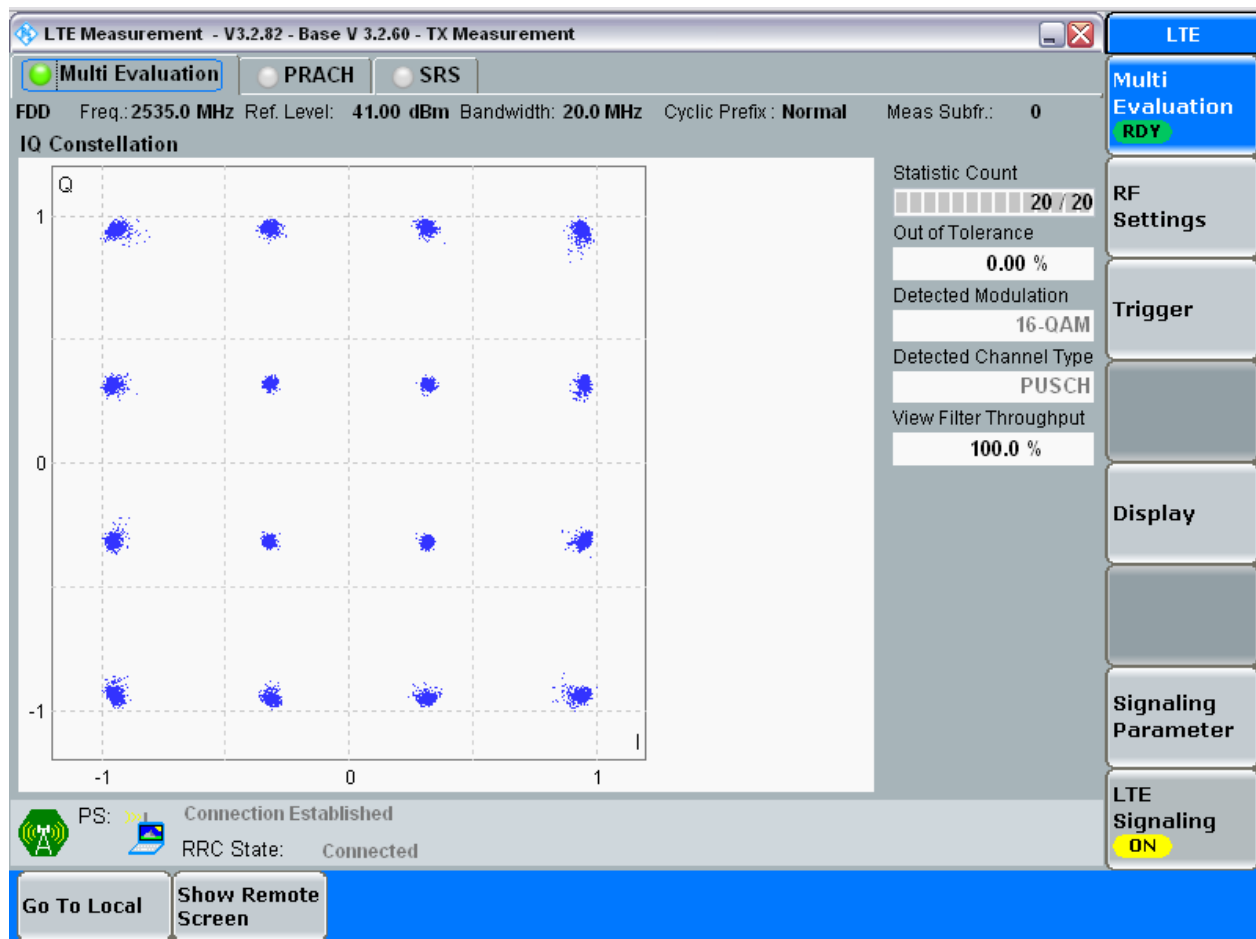
##### 3.1.1.2.3.1.1 Test RB = RB75#0



### 3.1.1.2.4 Test Bandwidth = 20

#### 3.1.1.2.4.1 Test Channel = MCH

##### 3.1.1.2.4.1.1 Test RB = RB100#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 |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| BAND7     | LTE/TM1   | 5              | LCH          | RB25#0  | 4.50                     | 4.88                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 5.25                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 5.04                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 9.82                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.00                     | 9.70                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.00                     | 9.92                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.50                    | 14.72                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.51                    | 14.93                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.50                    | 14.47                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.99                    | 19.14                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.99                    | 19.45                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.99                    | 19.08                    | Pass    |
|           | LTE/TM2   | 5              | LCH          | RB25#0  | 4.51                     | 5.03                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 5.20                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 5.20                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 9.97                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.02                     | 10.40                    | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.83                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.51                    | 14.97                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.50                    | 14.87                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.50                    | 14.66                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.99                    | 19.15                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.99                    | 19.15                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.99                    | 19.23                    | Pass    |



## Part II - Test Plots

### 4.1 For LTE

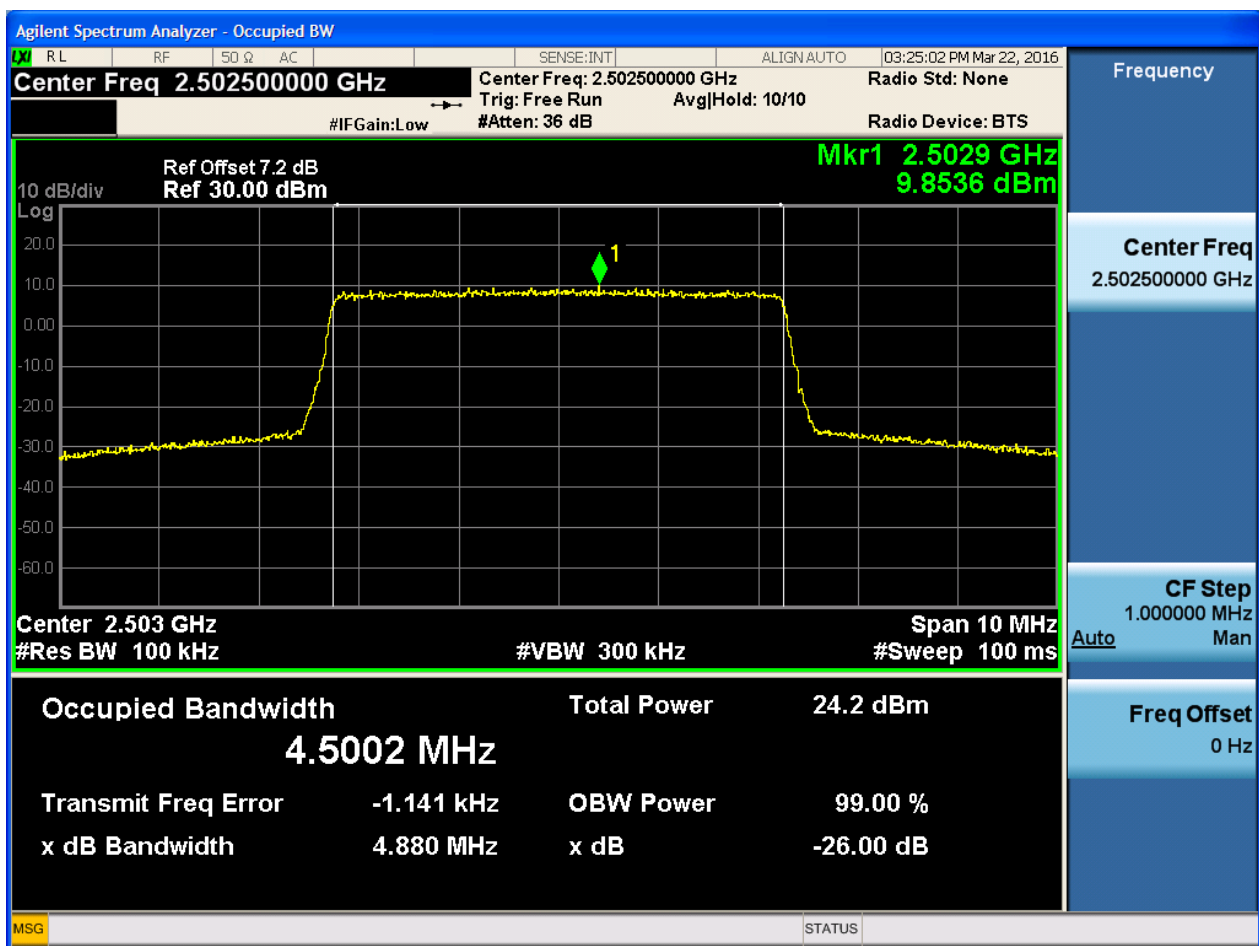
#### 4.1.1 Test Band = BAND7

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

##### 4.1.1.1.1 Test Bandwidth = 5

##### 4.1.1.1.1.1 Test Channel = LCH

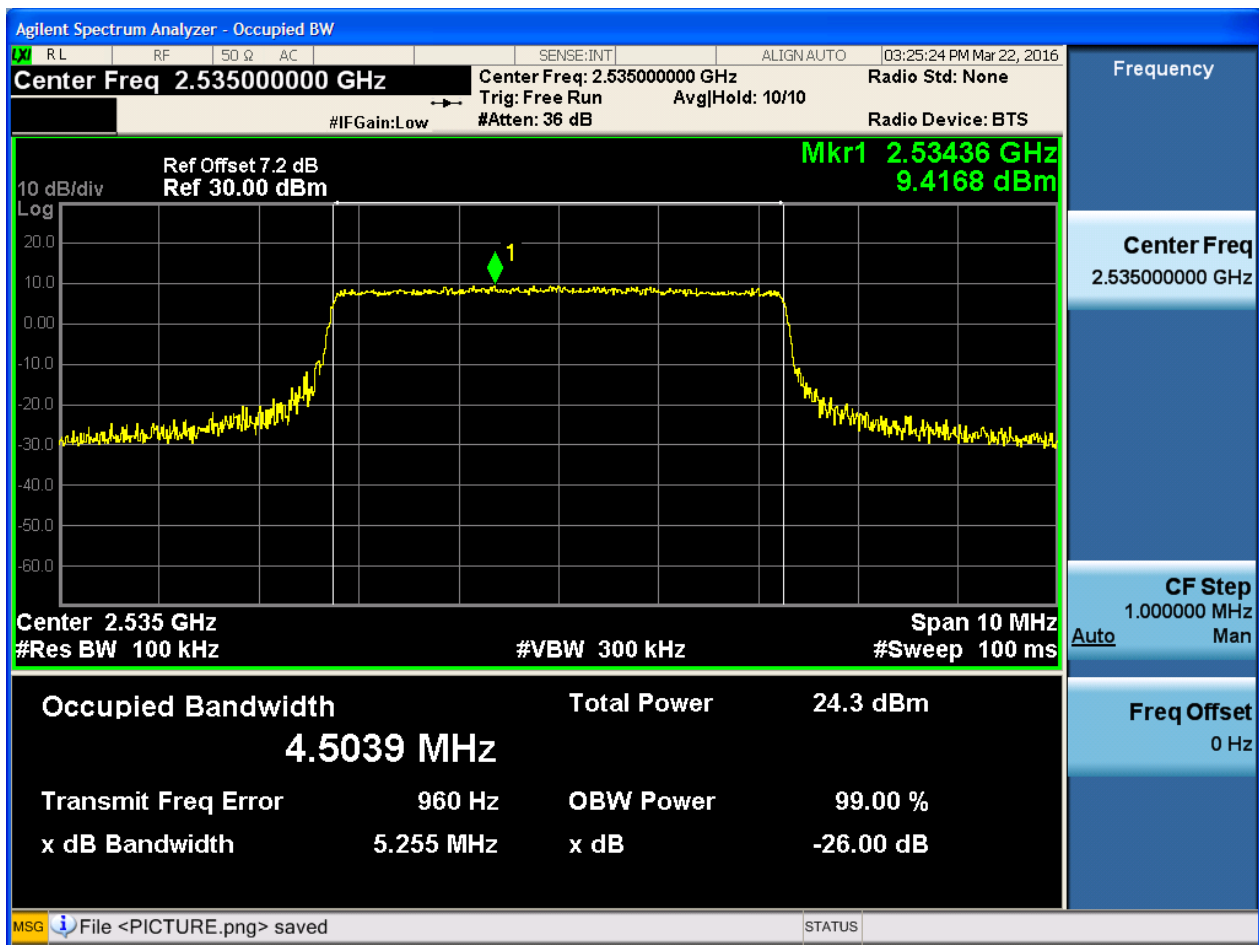
##### 4.1.1.1.1.1.1 Test RB = RB25#0





## 4.1.1.1.1.2 Test Channel = MCH

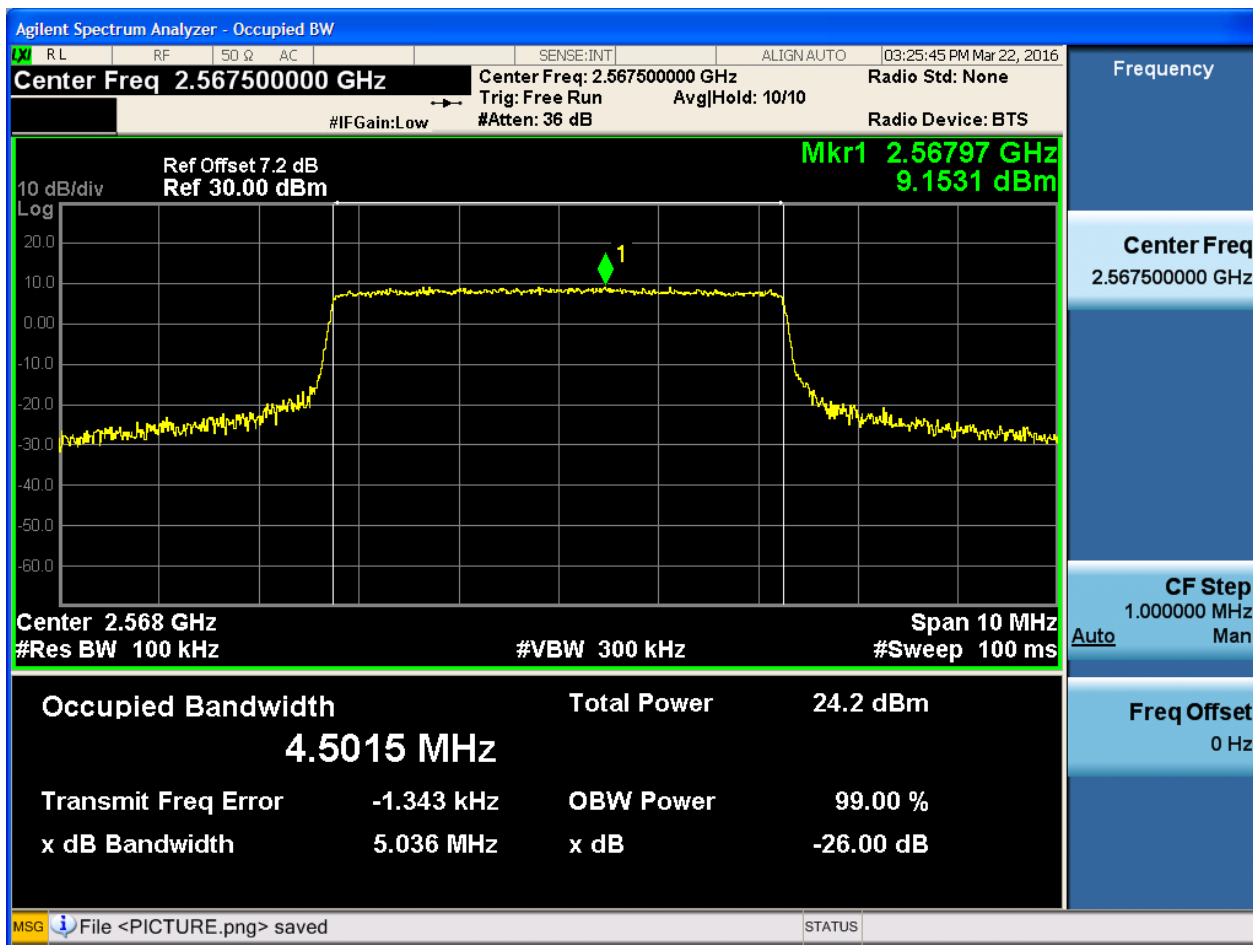
## 4.1.1.1.1.2.1 Test RB = RB25#0





## 4.1.1.1.1.3 Test Channel = HCH

## 4.1.1.1.1.3.1 Test RB = RB25#0

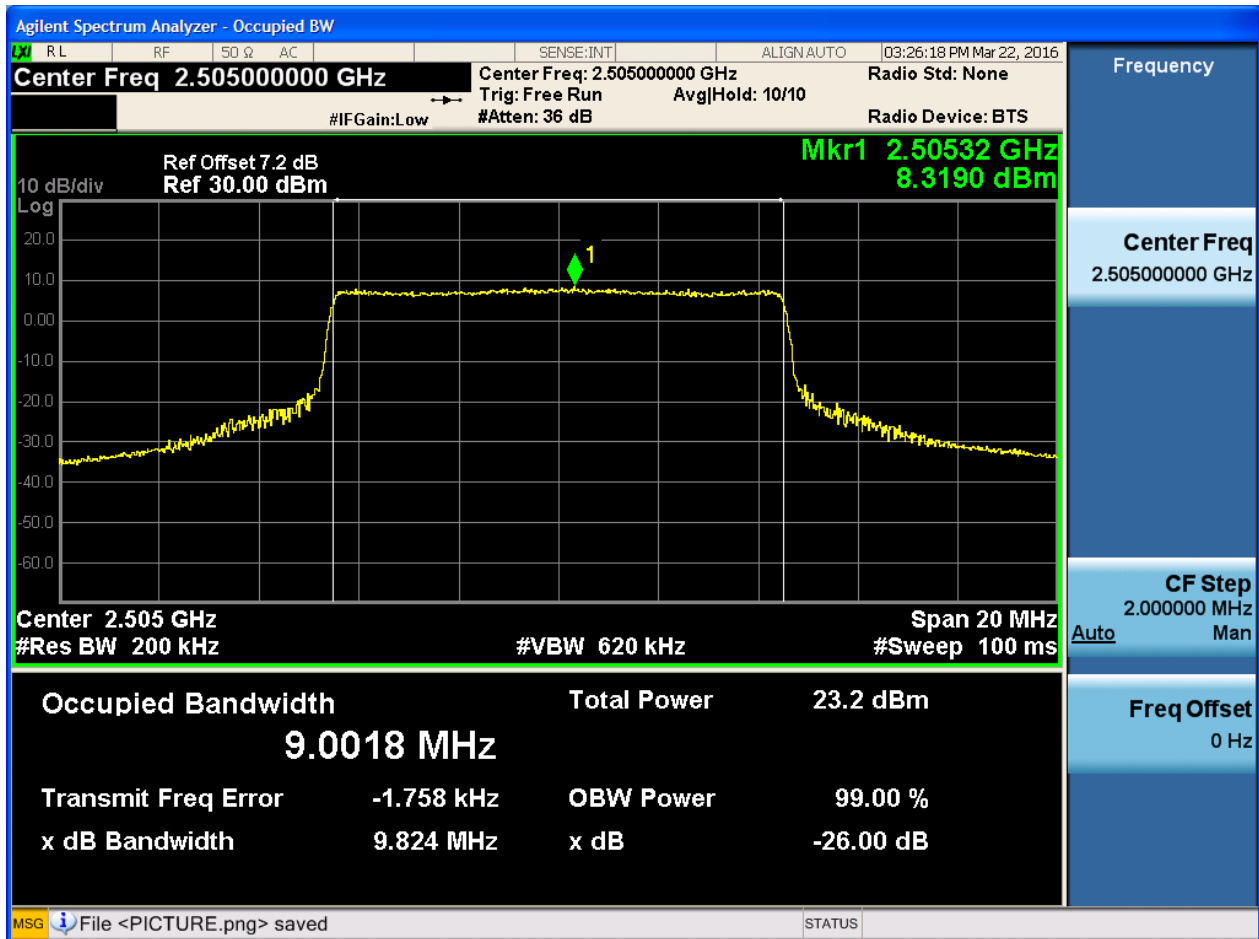




## 4.1.1.1.2 Test Bandwidth = 10

## 4.1.1.1.2.1 Test Channel = LCH

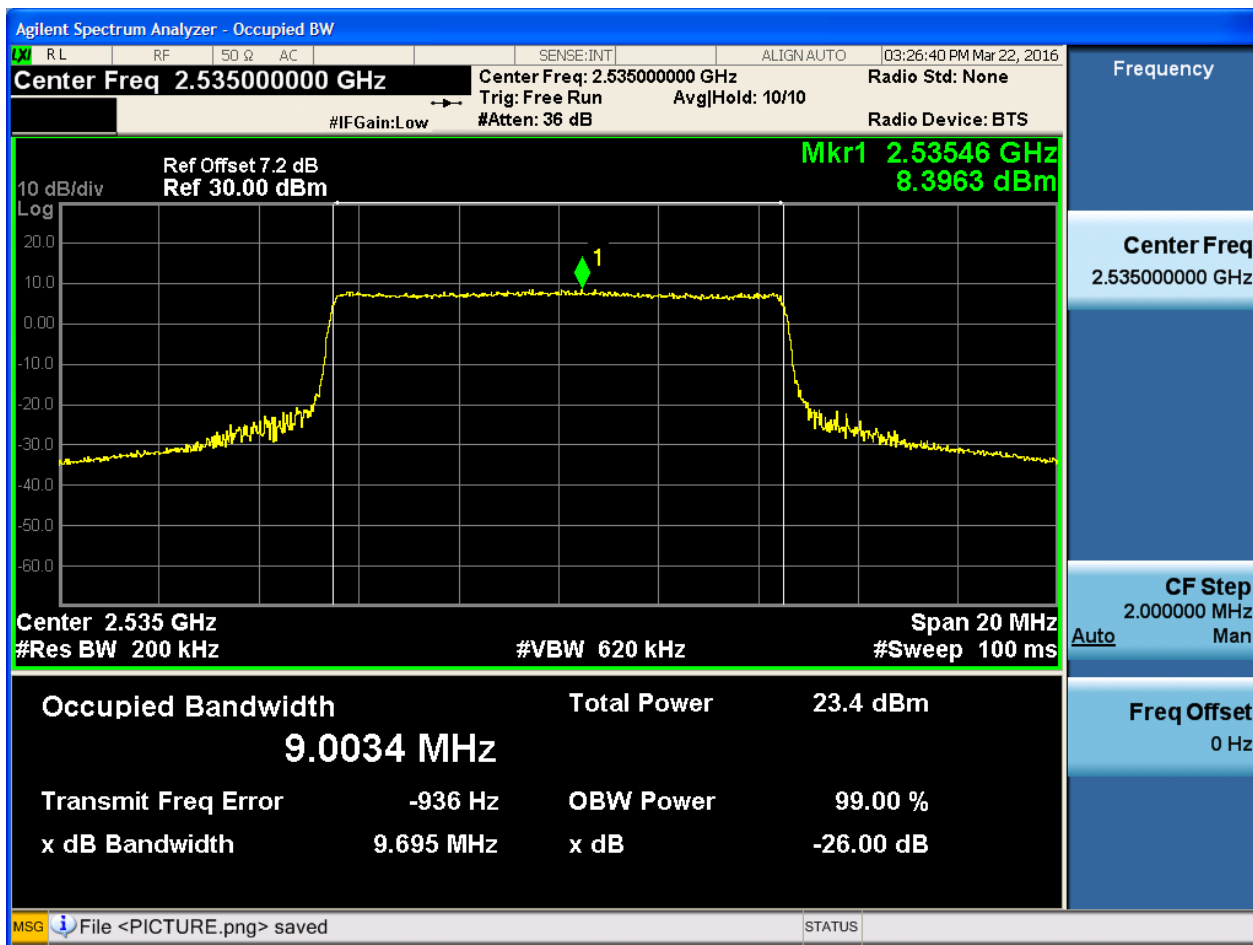
## 4.1.1.1.2.1.1 Test RB = RB50#0





## 4.1.1.1.2.2 Test Channel = MCH

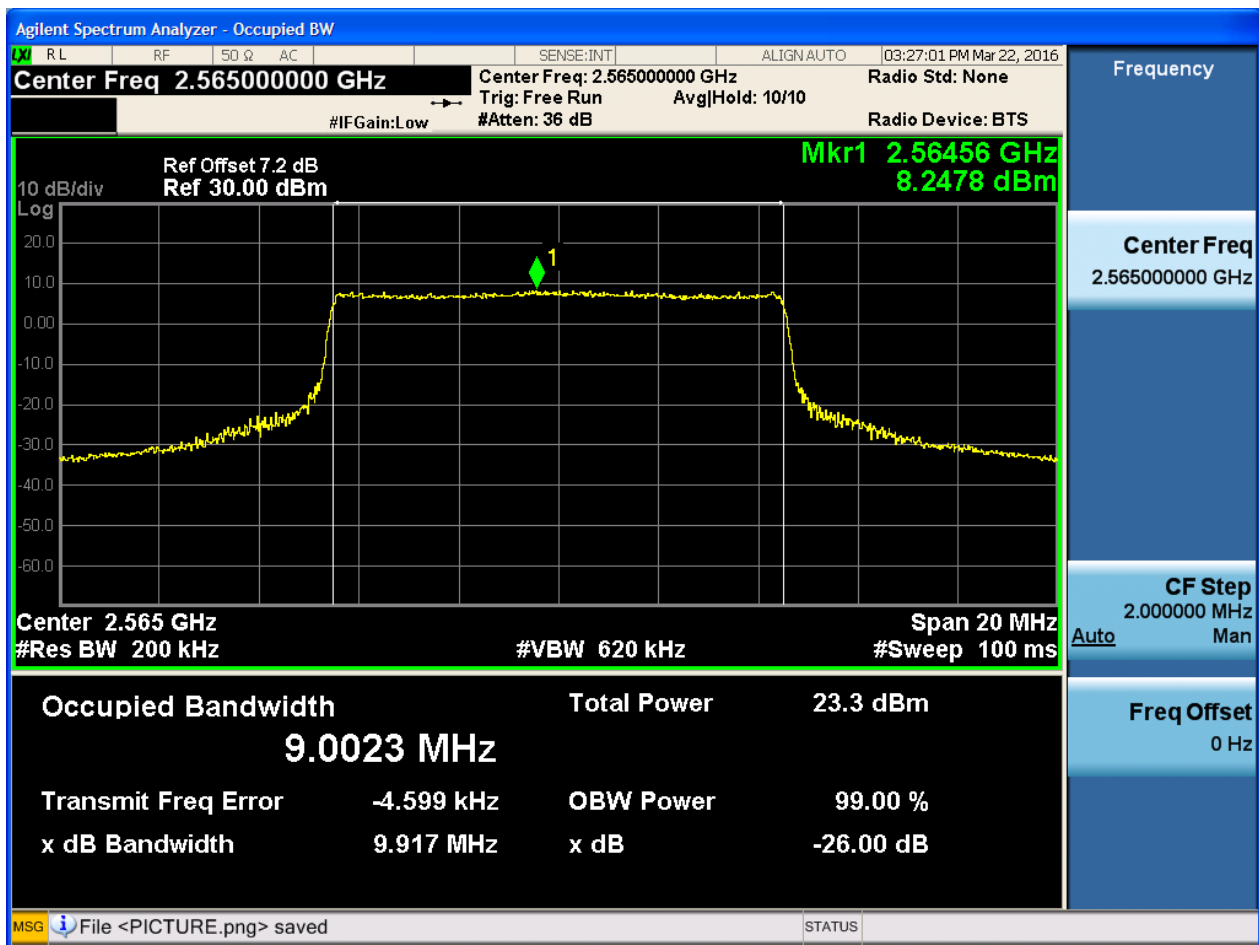
## 4.1.1.1.2.2.1 Test RB = RB50#0





## 4.1.1.1.2.3 Test Channel = HCH

## 4.1.1.1.2.3.1 Test RB = RB50#0

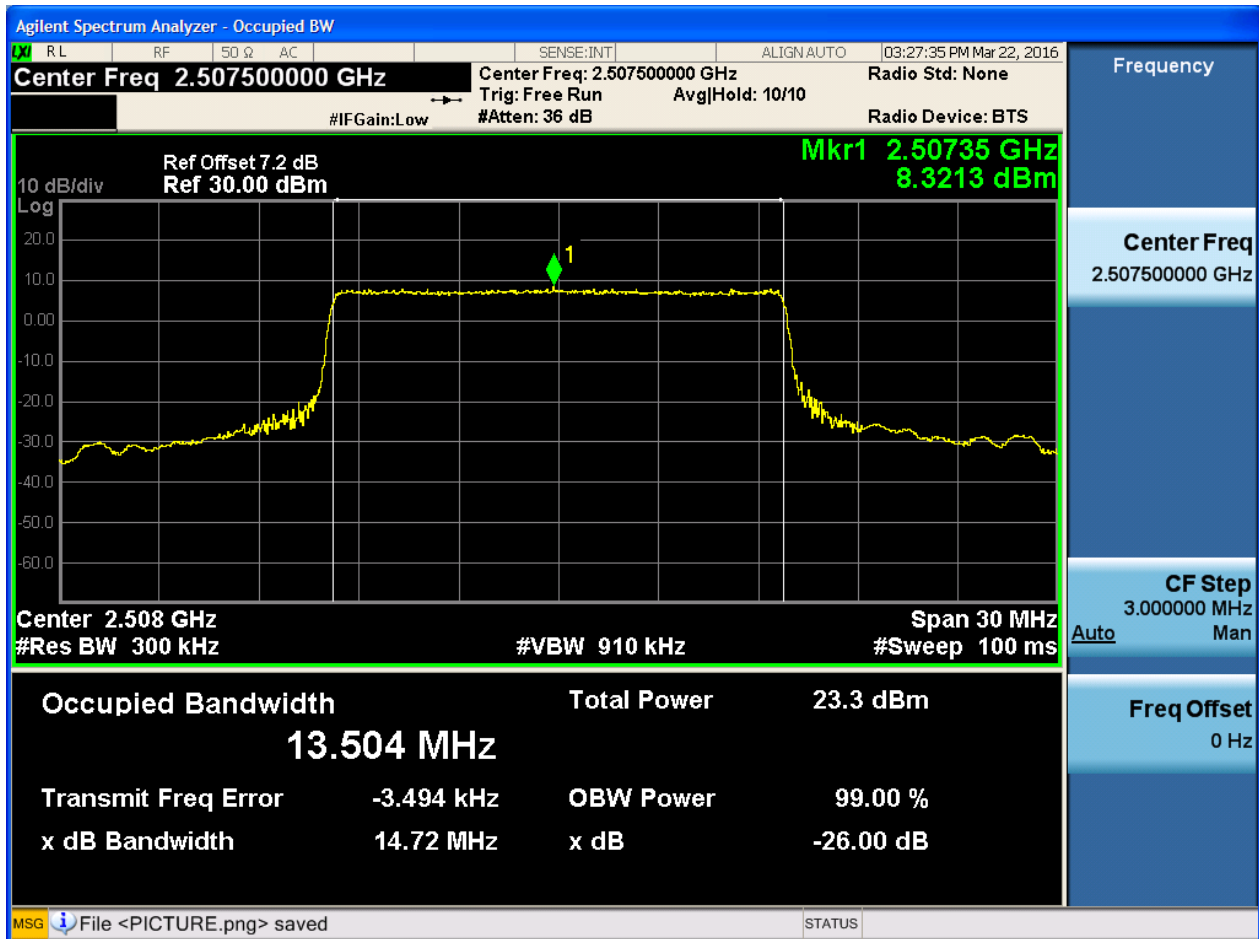




## 4.1.1.1.3 Test Bandwidth = 15

## 4.1.1.1.3.1 Test Channel = LCH

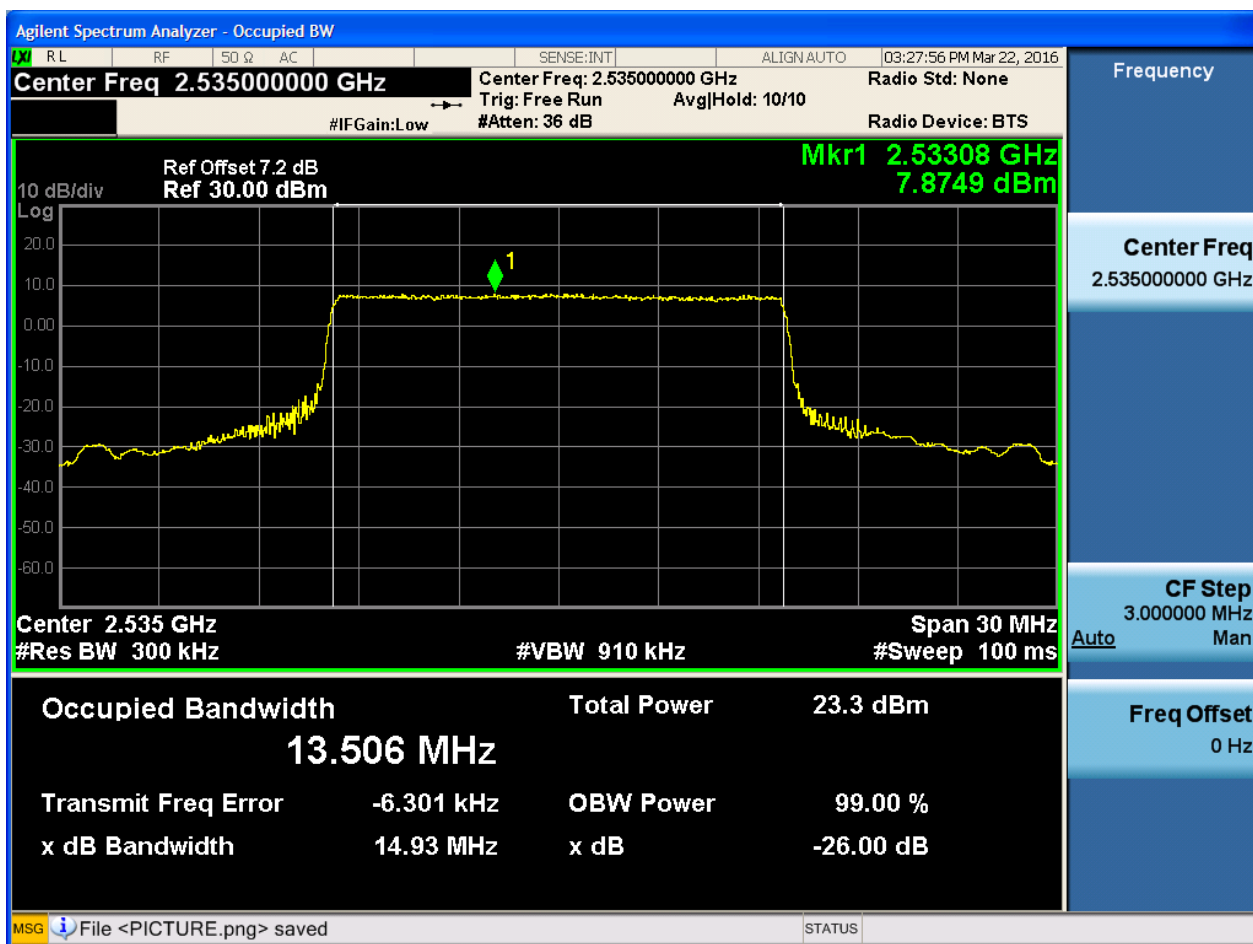
## 4.1.1.1.3.1.1 Test RB = RB75#0





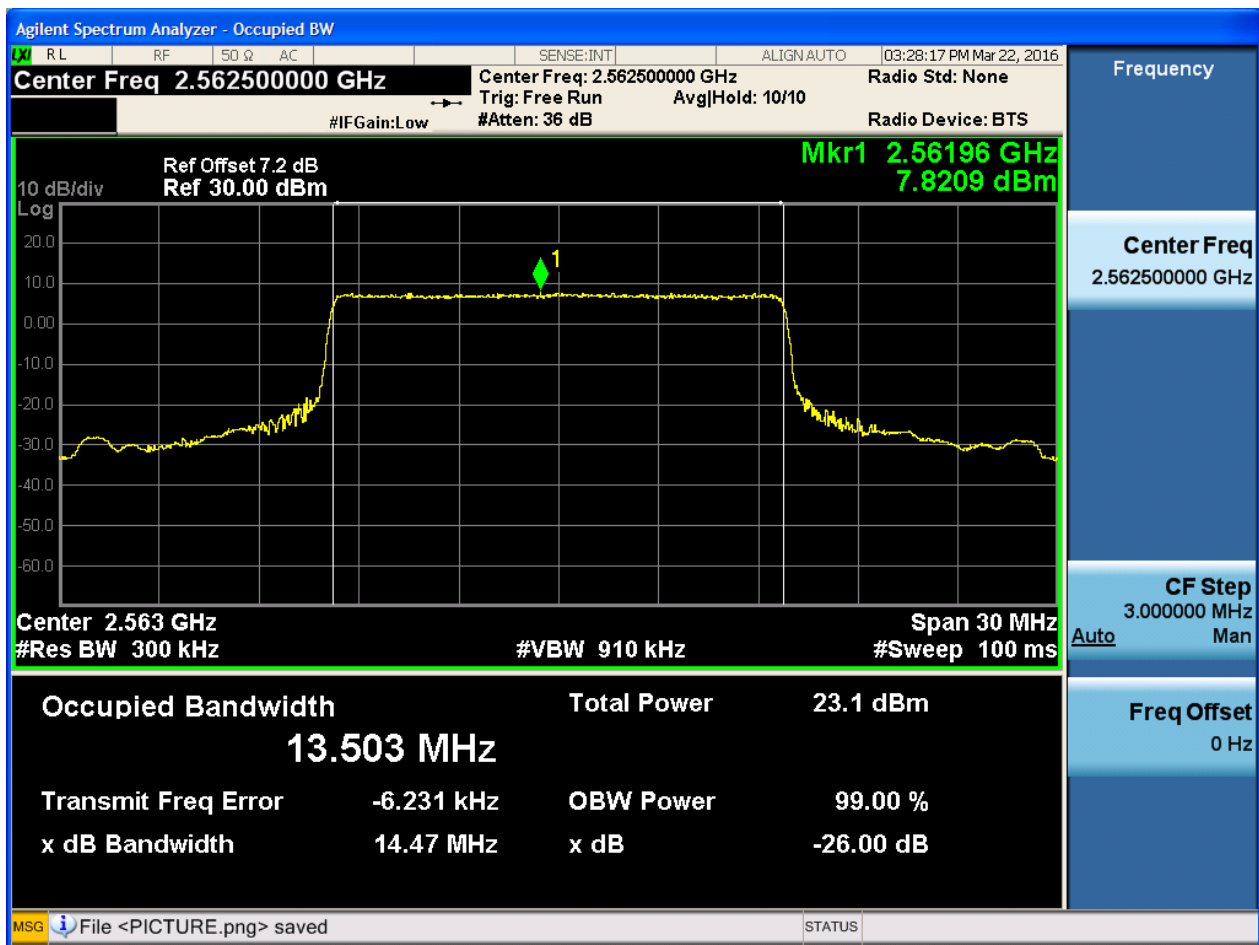
## 4.1.1.1.3.2 Test Channel = MCH

## 4.1.1.1.3.2.1 Test RB = RB75#0



#### 4.1.1.1.3.3 Test Channel = HCH

##### 4.1.1.1.3.3.1 Test RB = RB75#0

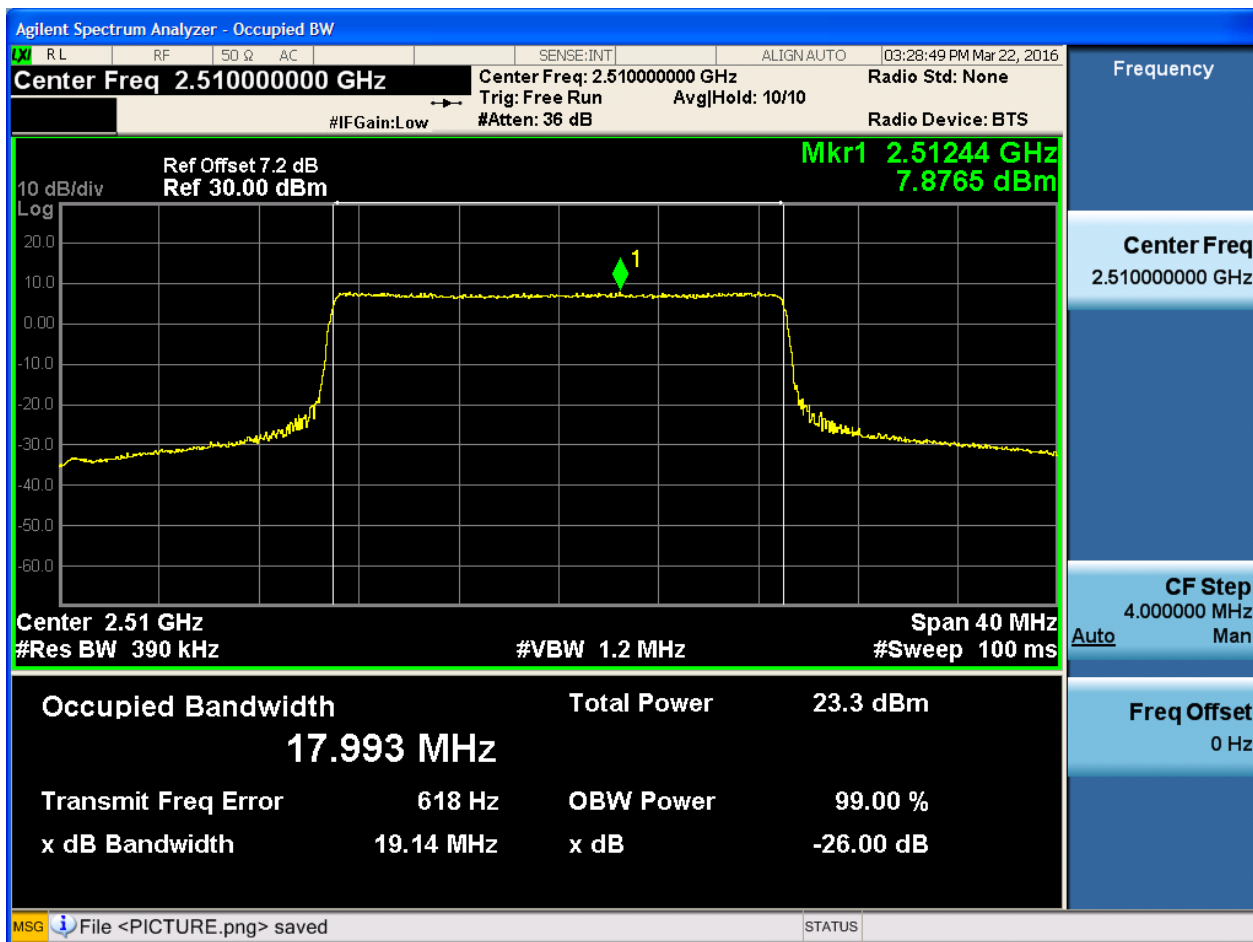




## 4.1.1.1.4 Test Bandwidth = 20

## 4.1.1.1.4.1 Test Channel = LCH

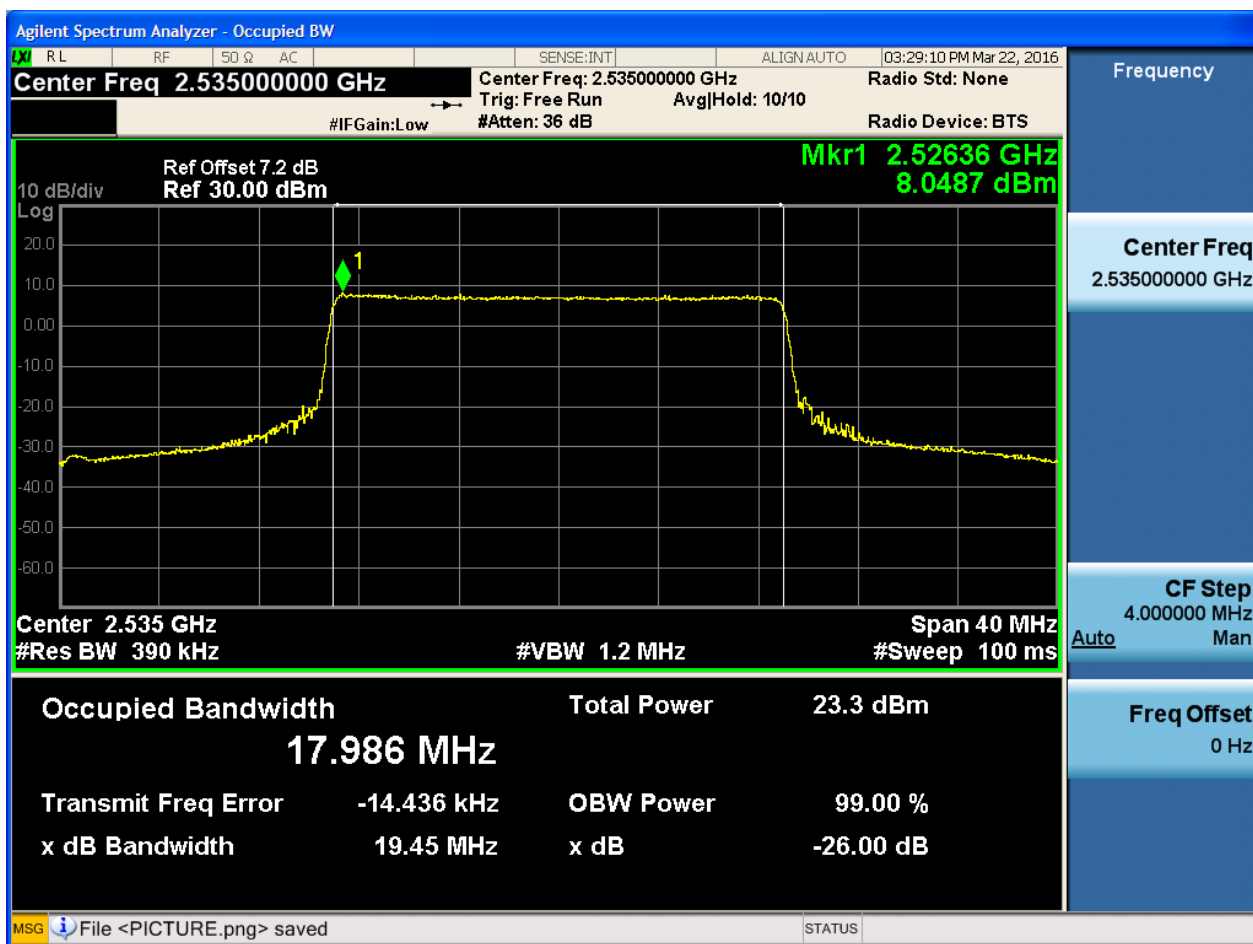
## 4.1.1.1.4.1.1 Test RB = RB100#0





## 4.1.1.1.4.2 Test Channel = MCH

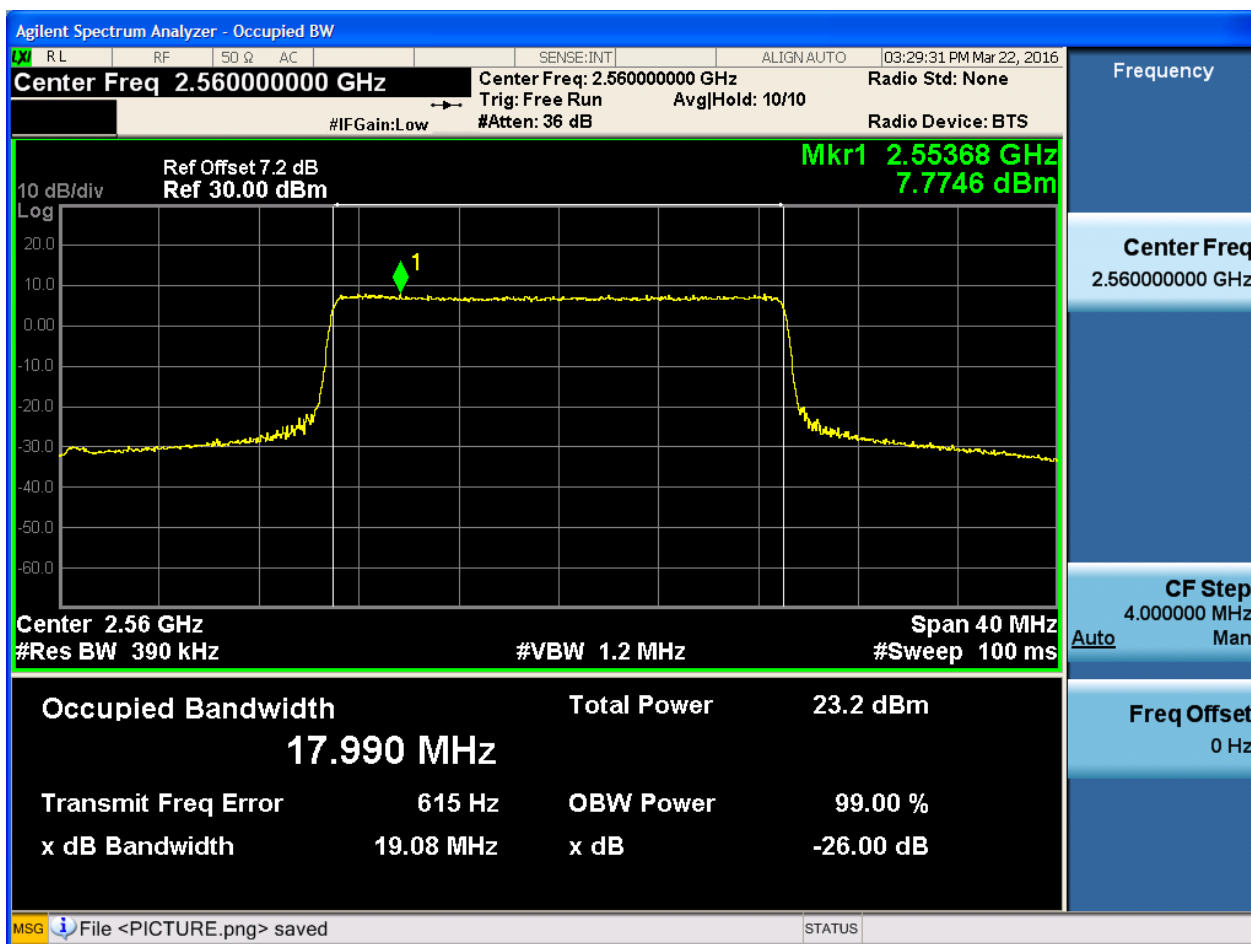
## 4.1.1.1.4.2.1 Test RB = RB100#0





## 4.1.1.1.4.3 Test Channel = HCH

## 4.1.1.1.4.3.1 Test RB = RB100#0

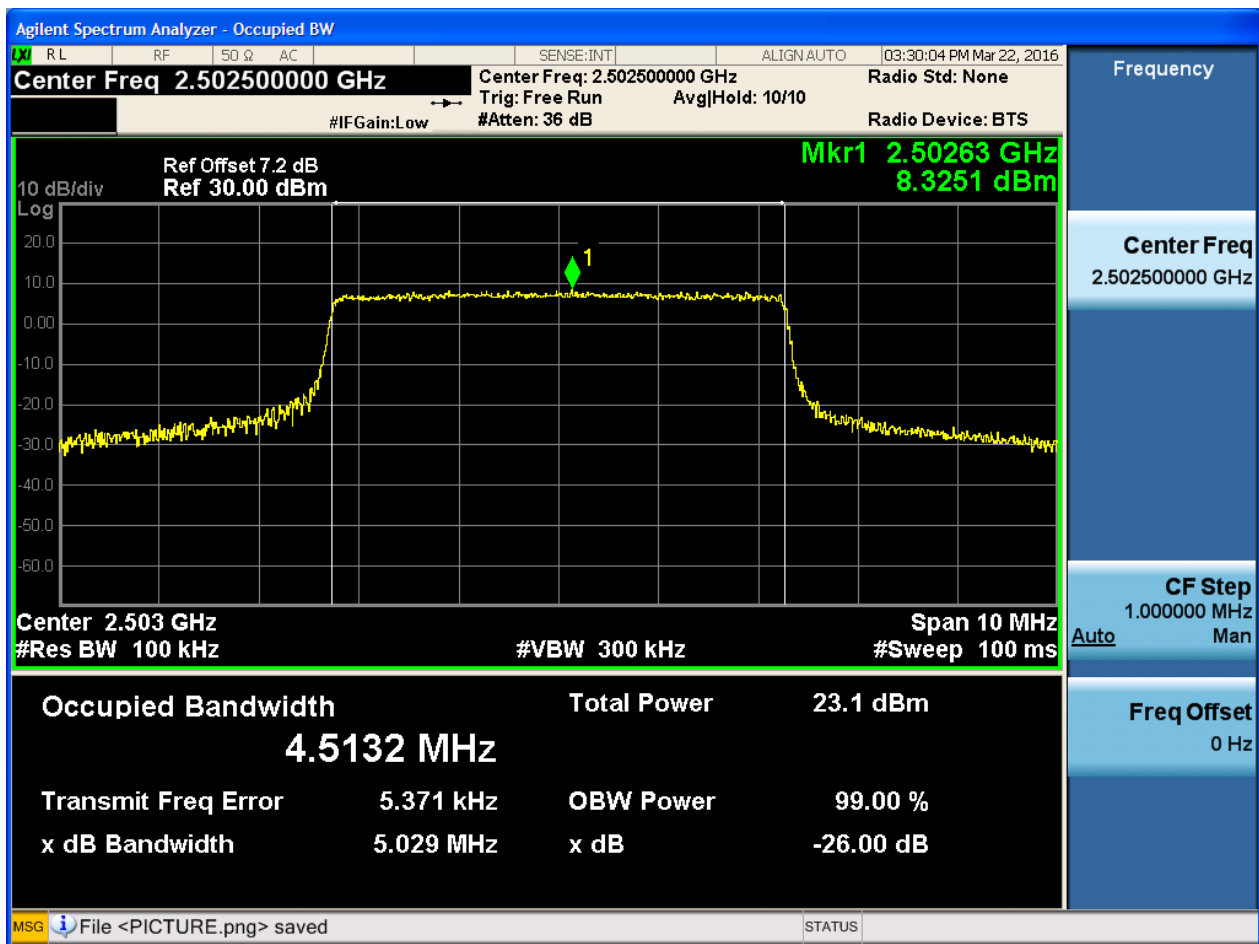


#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 5

##### 4.1.1.2.1.1 Test Channel = LCH

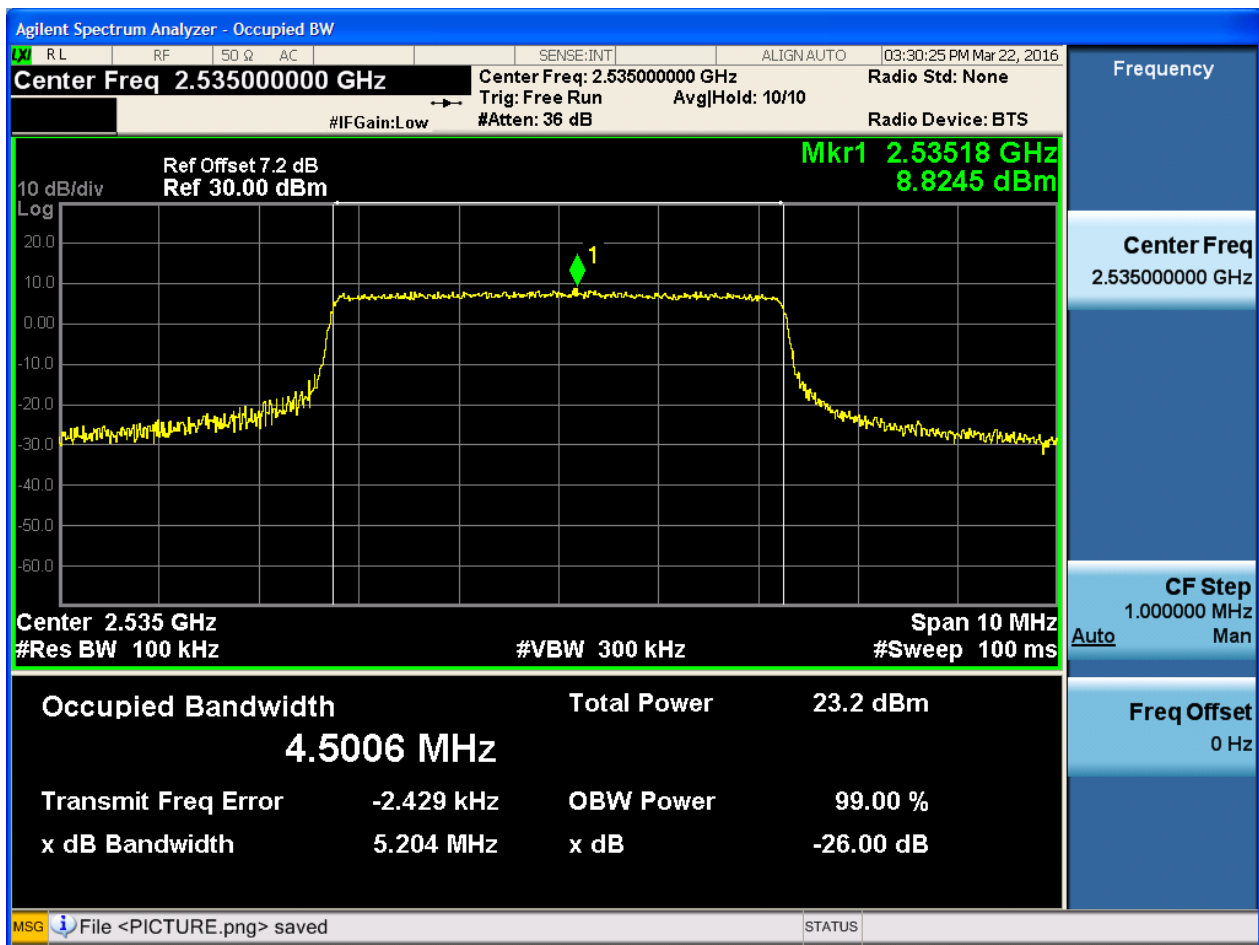
##### 4.1.1.2.1.1.1 Test RB = RB25#0





## 4.1.1.2.1.2 Test Channel = MCH

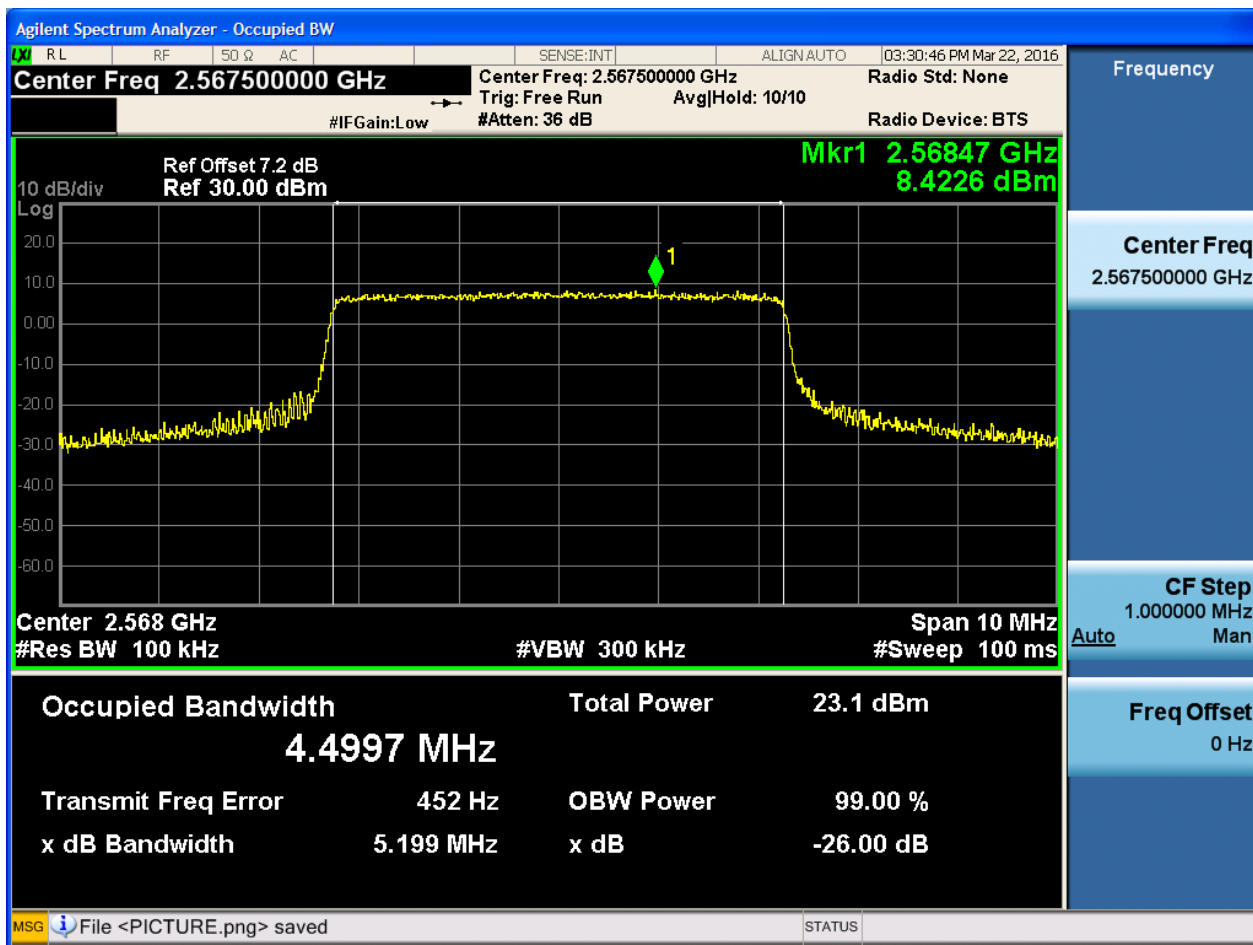
## 4.1.1.2.1.2.1 Test RB = RB25#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB25#0

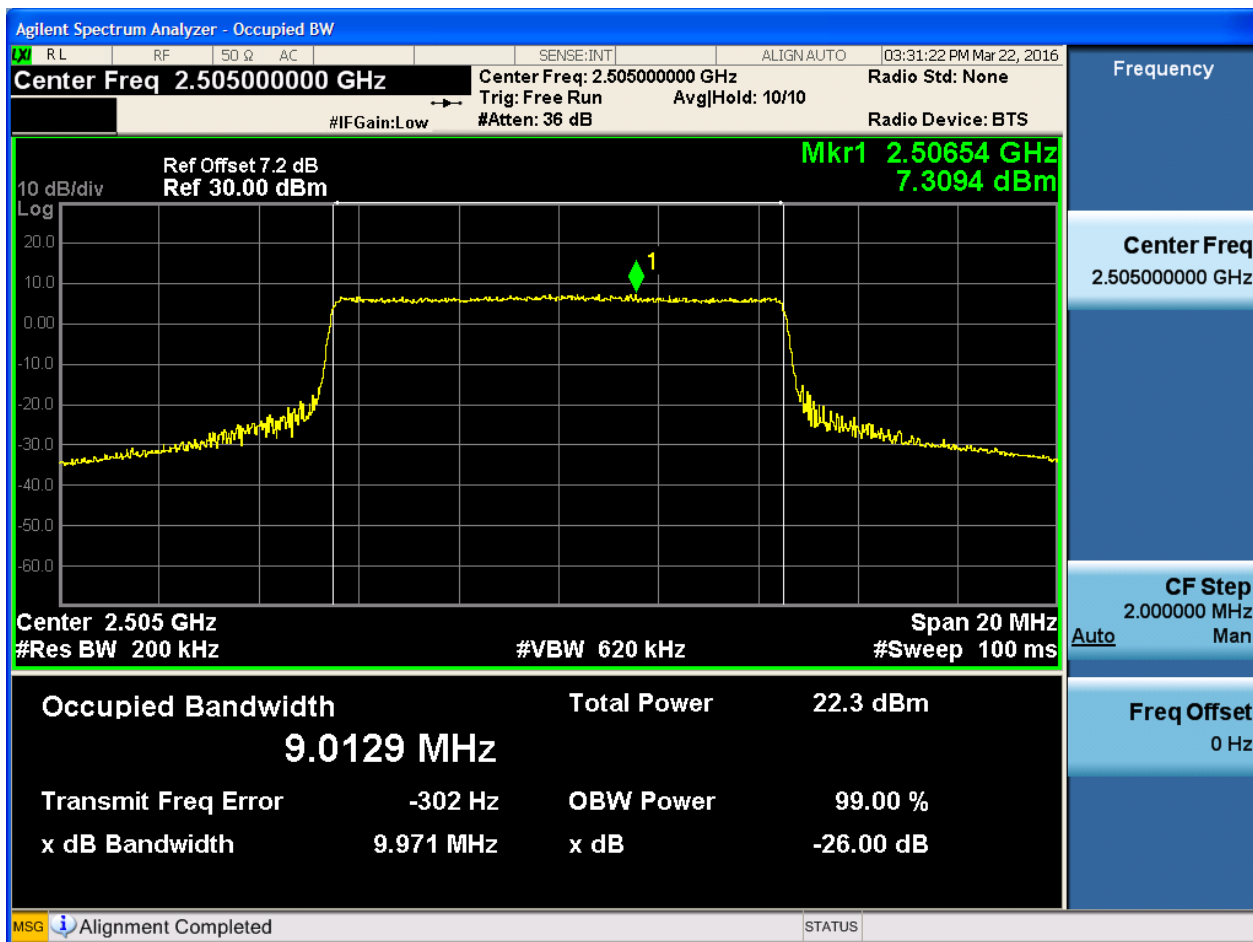




## 4.1.1.2.2 Test Bandwidth = 10

## 4.1.1.2.2.1 Test Channel = LCH

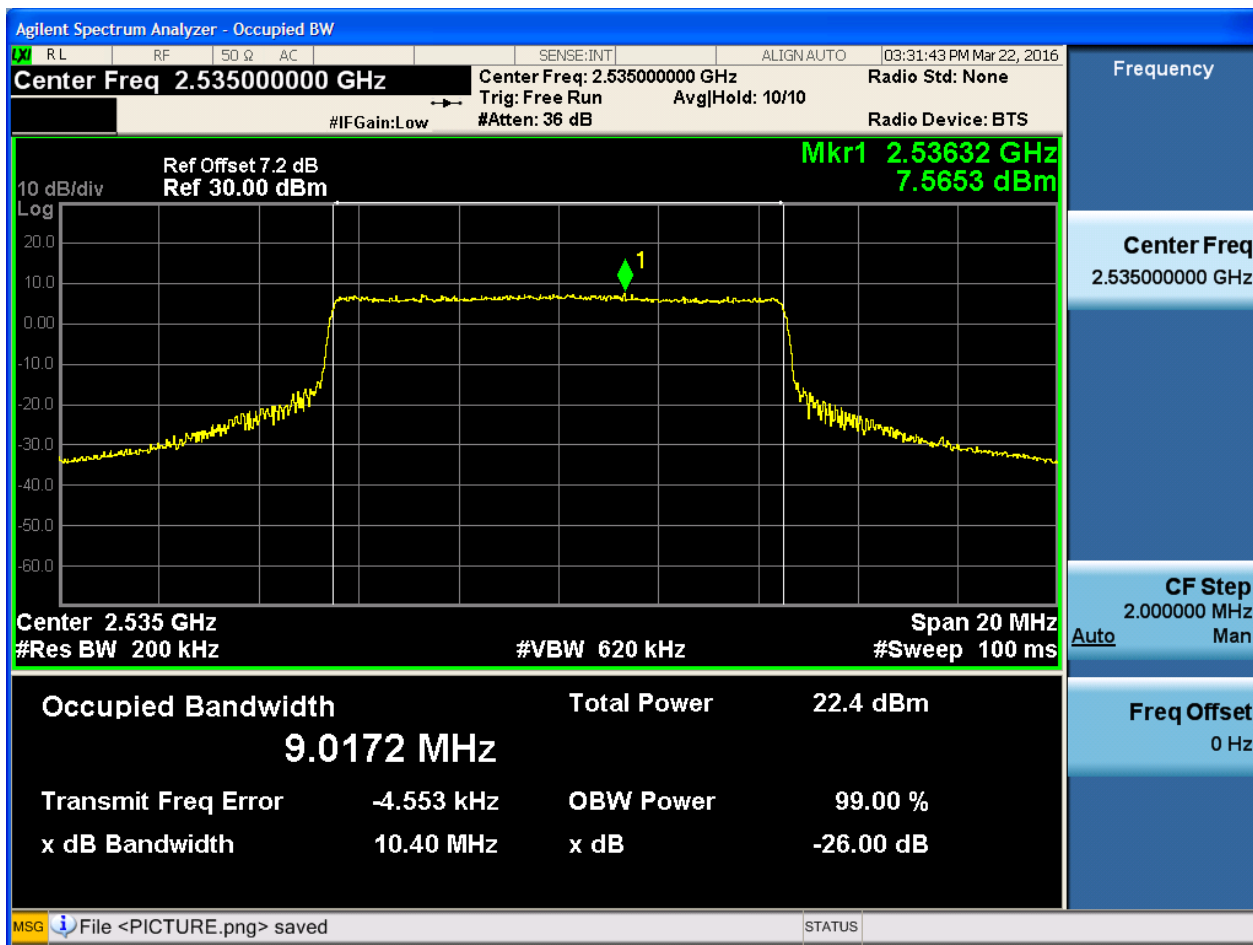
## 4.1.1.2.2.1.1 Test RB = RB50#0





## 4.1.1.2.2.2 Test Channel = MCH

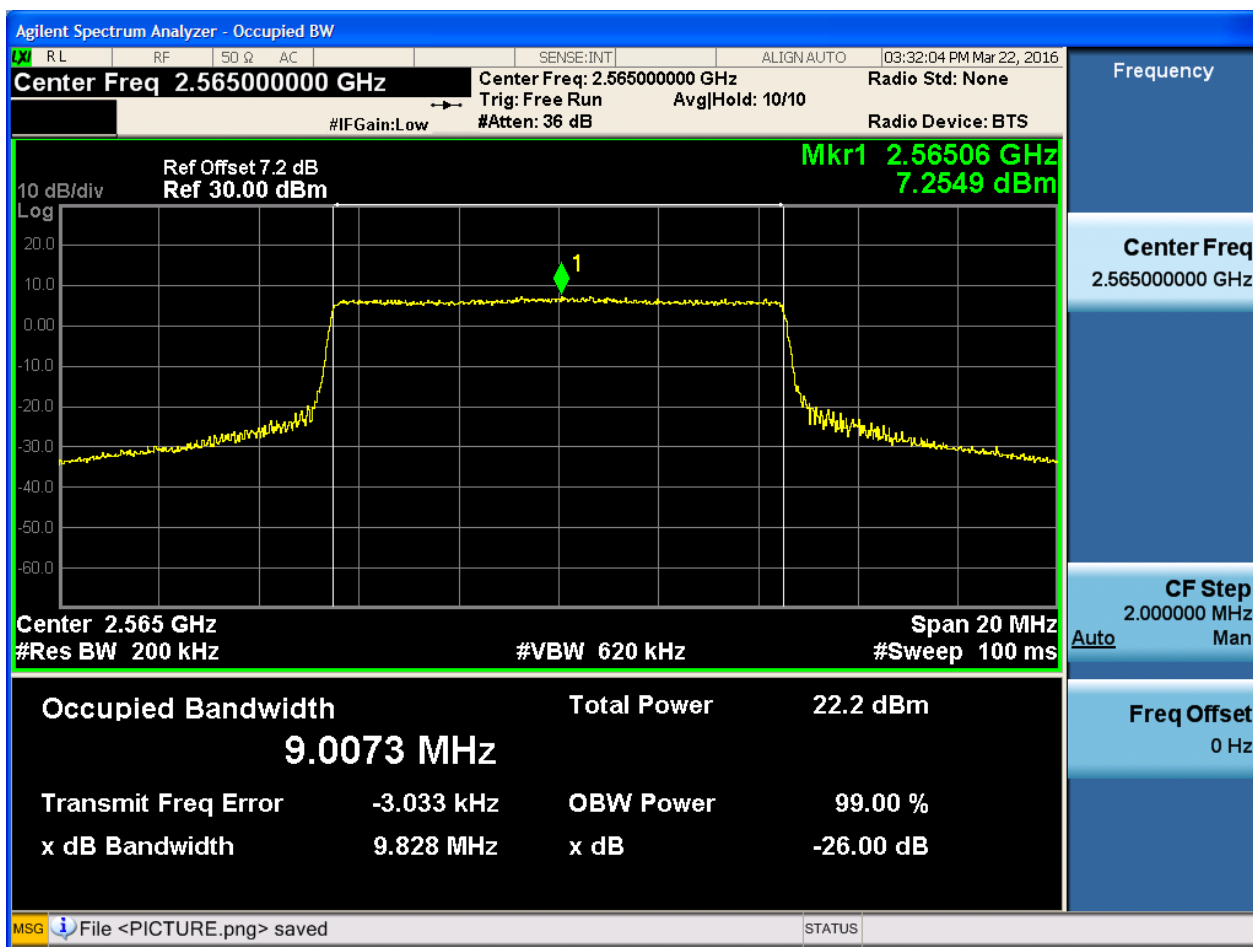
## 4.1.1.2.2.2.1 Test RB = RB50#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB50#0

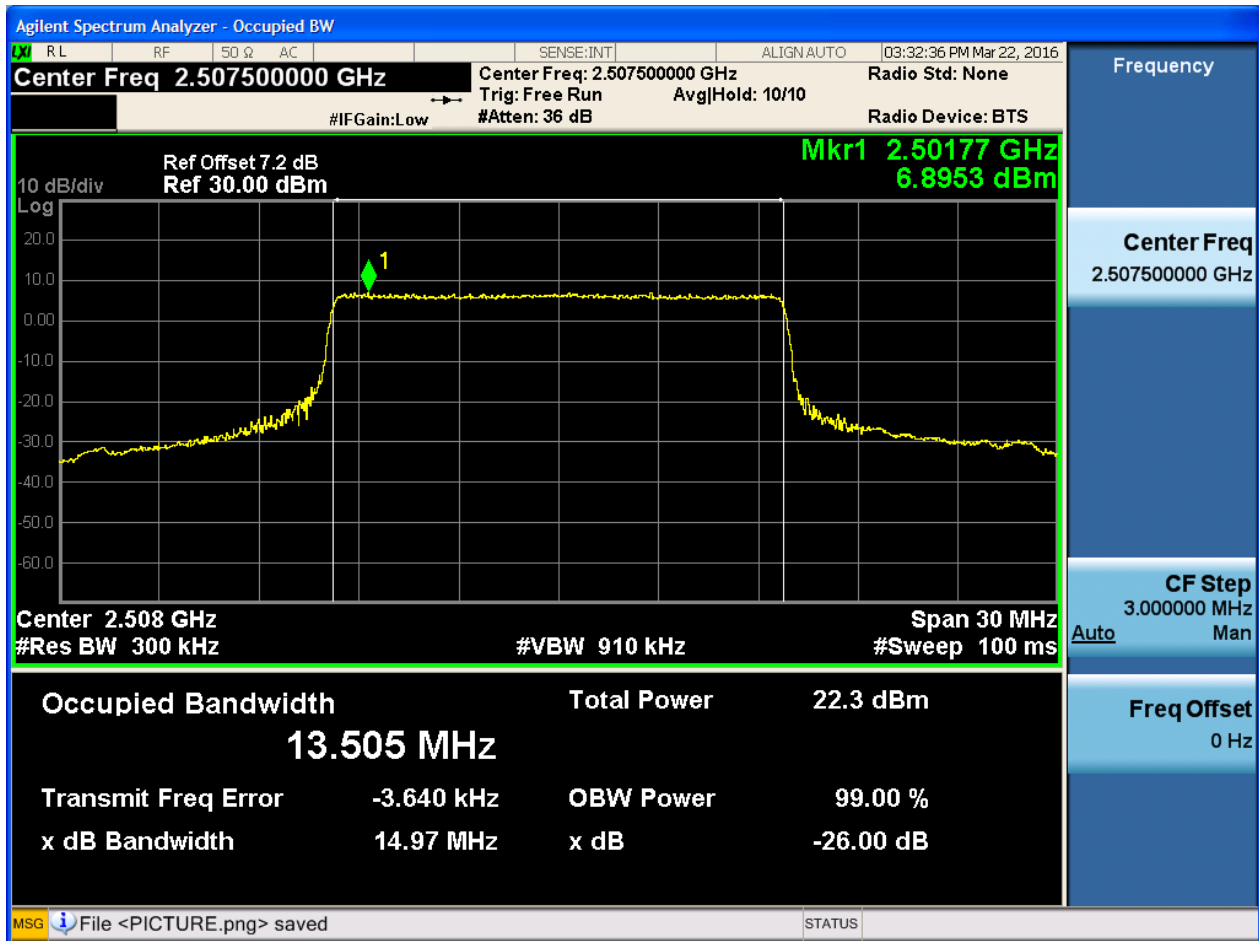




## 4.1.1.2.3 Test Bandwidth = 15

## 4.1.1.2.3.1 Test Channel = LCH

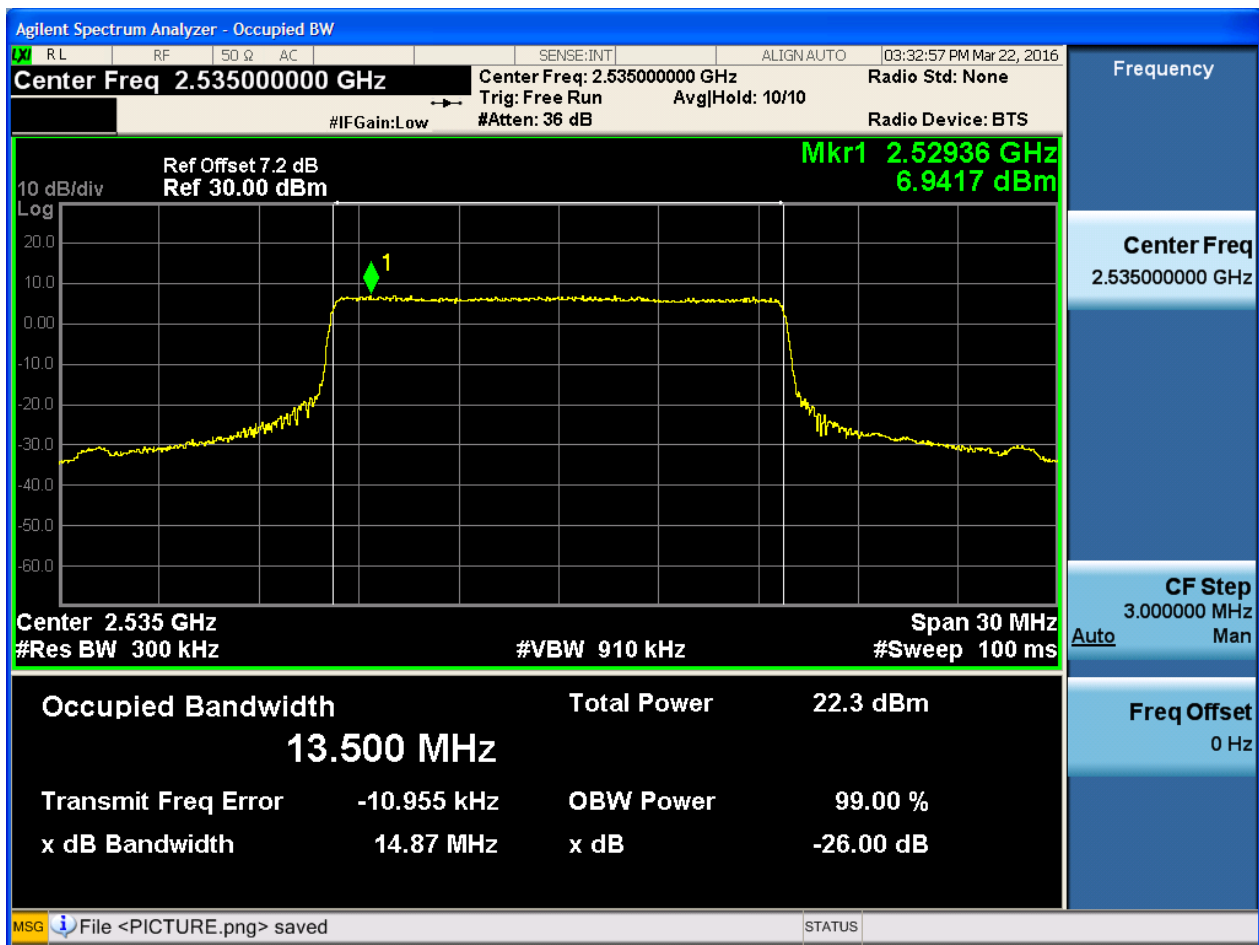
## 4.1.1.2.3.1.1 Test RB = RB75#0





## 4.1.1.2.3.2 Test Channel = MCH

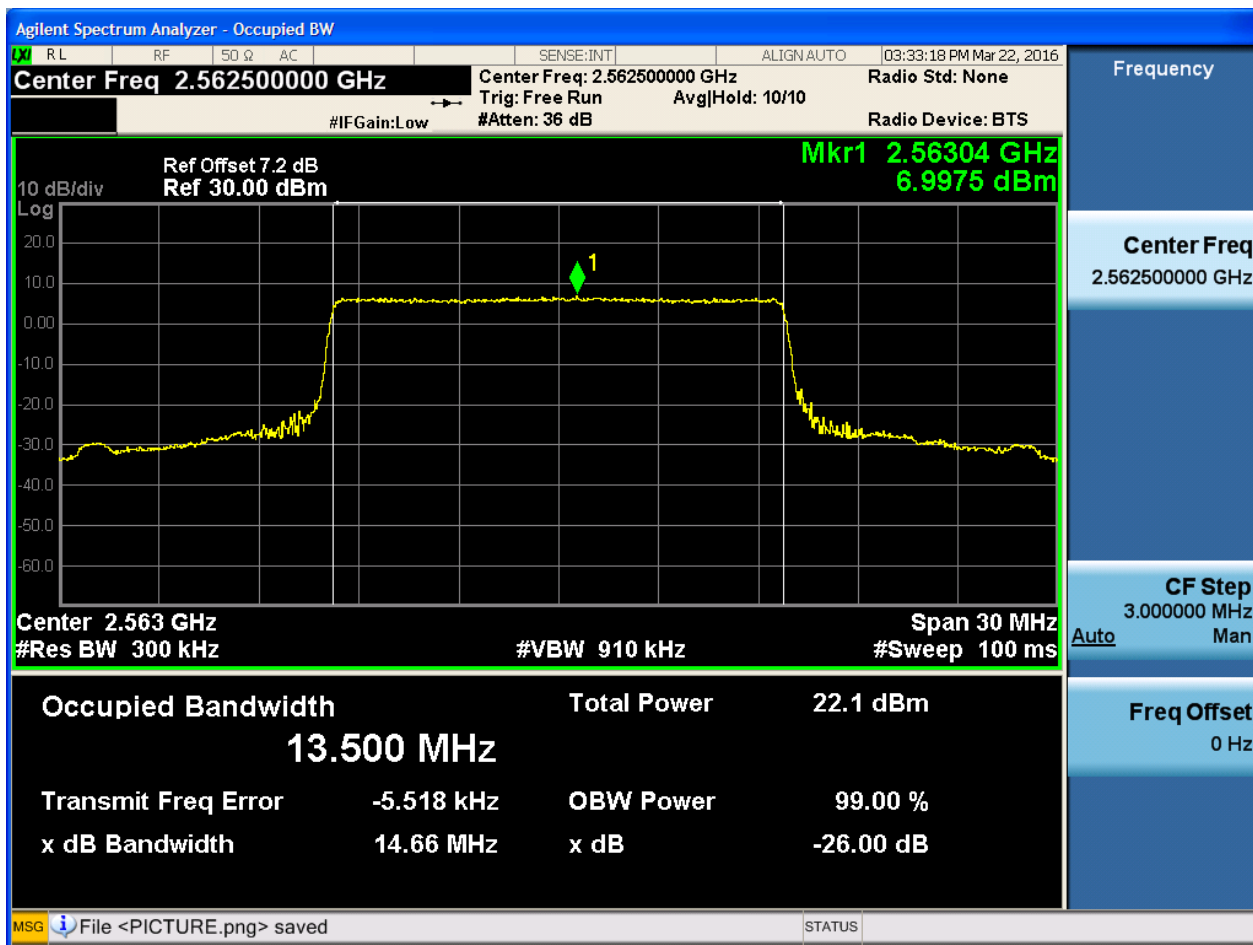
## 4.1.1.2.3.2.1 Test RB = RB75#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB75#0

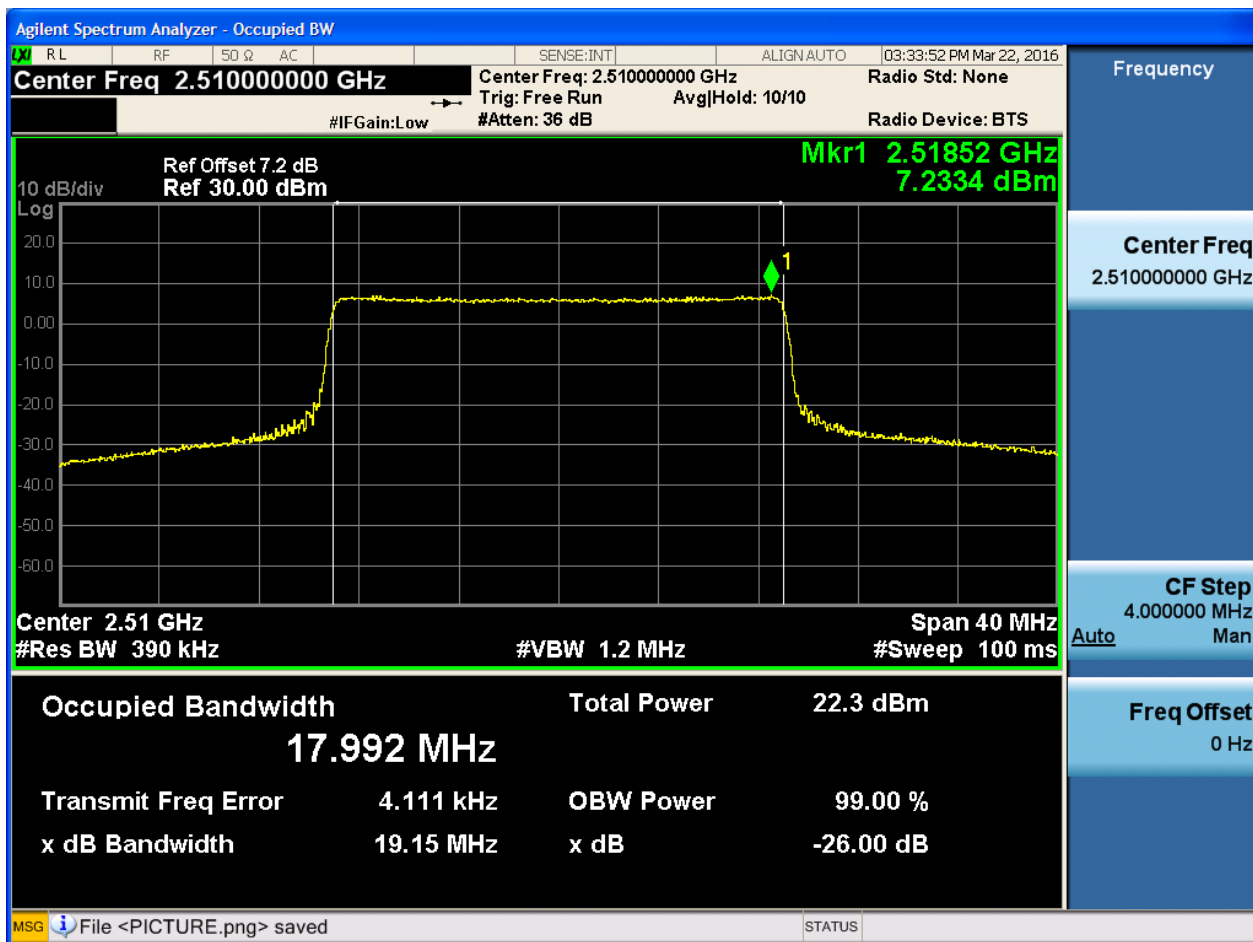




## 4.1.1.2.4 Test Bandwidth = 20

## 4.1.1.2.4.1 Test Channel = LCH

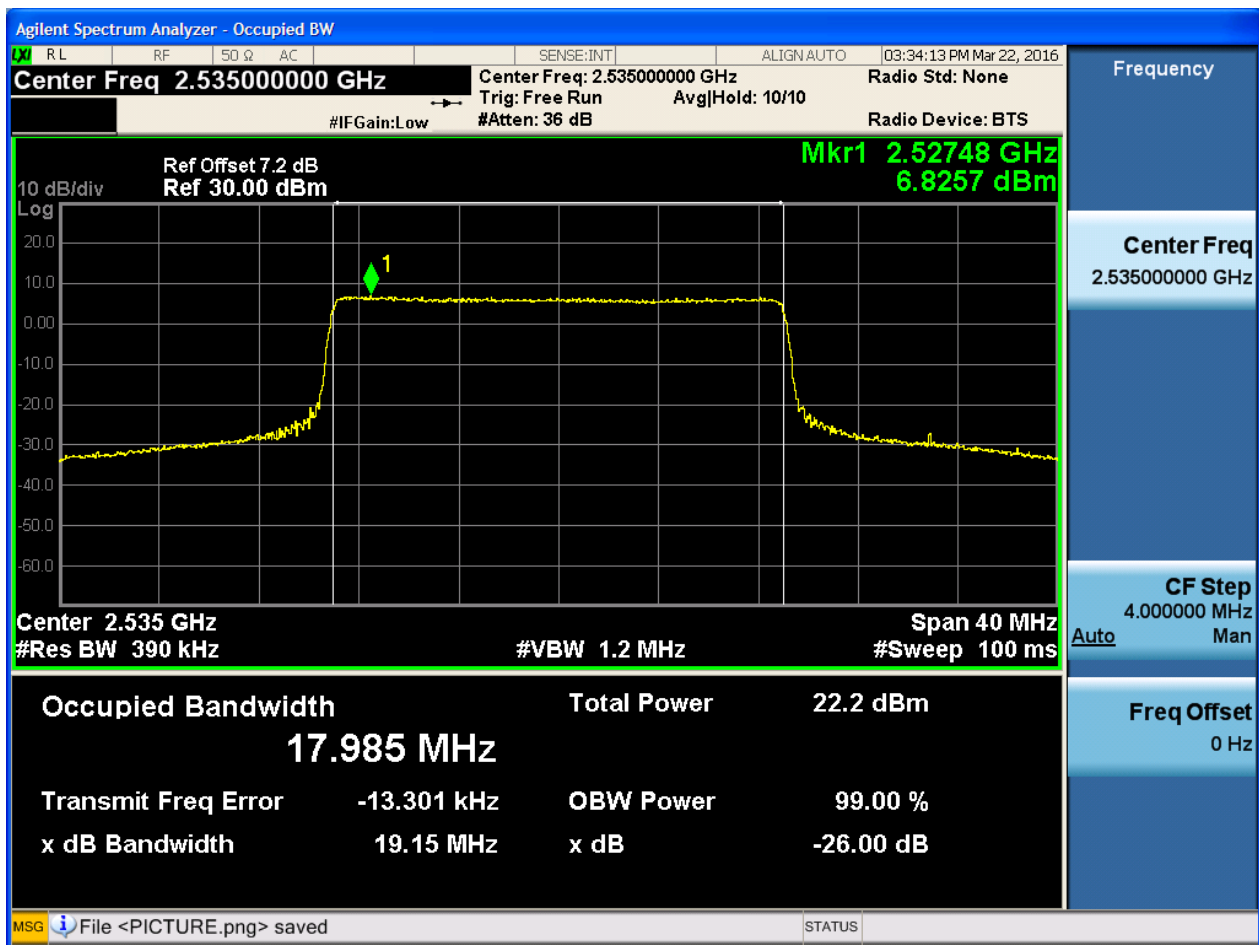
## 4.1.1.2.4.1.1 Test RB = RB100#0





## 4.1.1.2.4.2 Test Channel = MCH

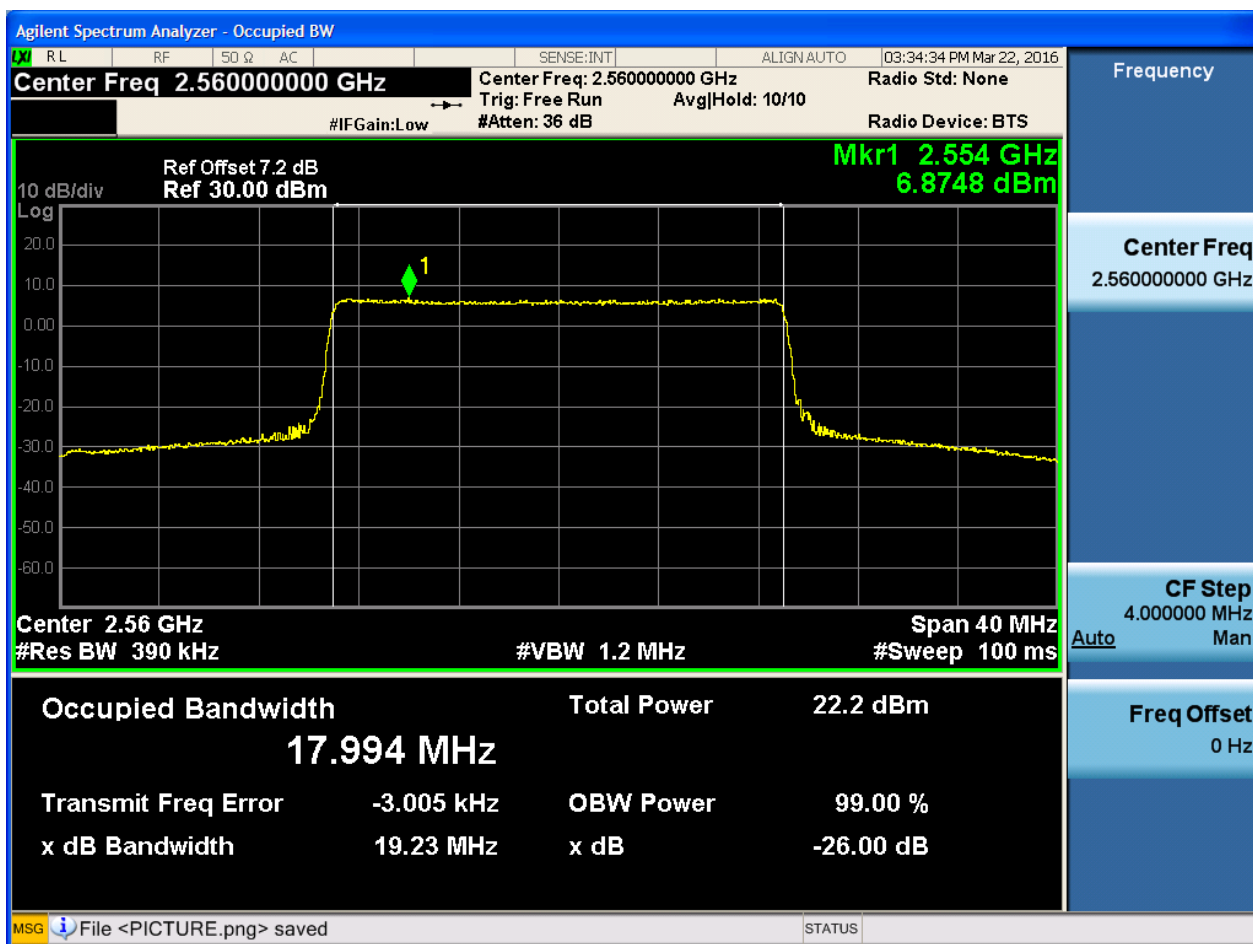
## 4.1.1.2.4.2.1 Test RB = RB100#0





## 4.1.1.2.4.3 Test Channel = HCH

## 4.1.1.2.4.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

## Part I - Test Plots

### 5.1 For LTE

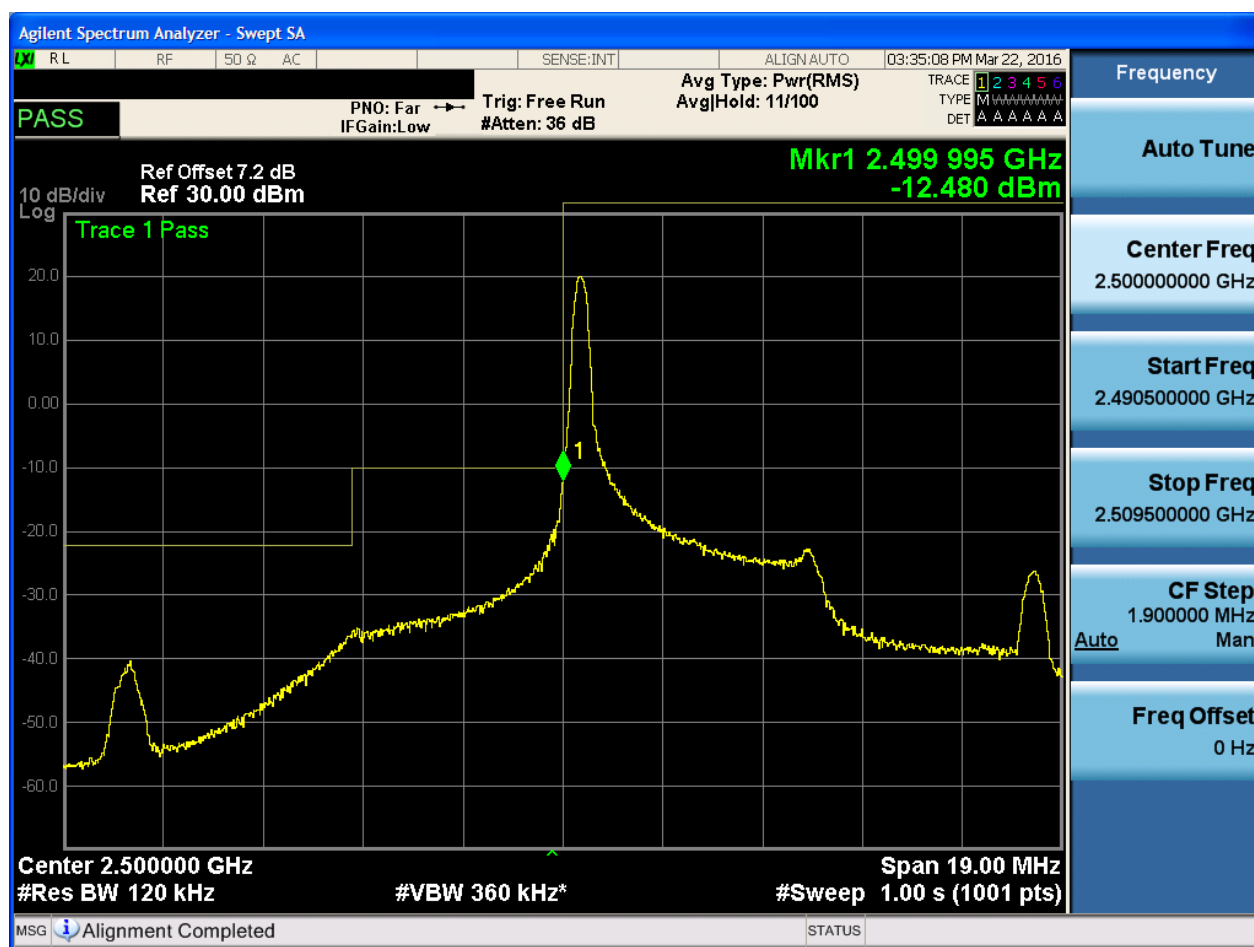
### 5.1.1 Test Band = BAND7

#### 5.1.1.1 Test Mode = LTE/TM1

#### 5.1.1.1.1 Test Bandwidth = 5

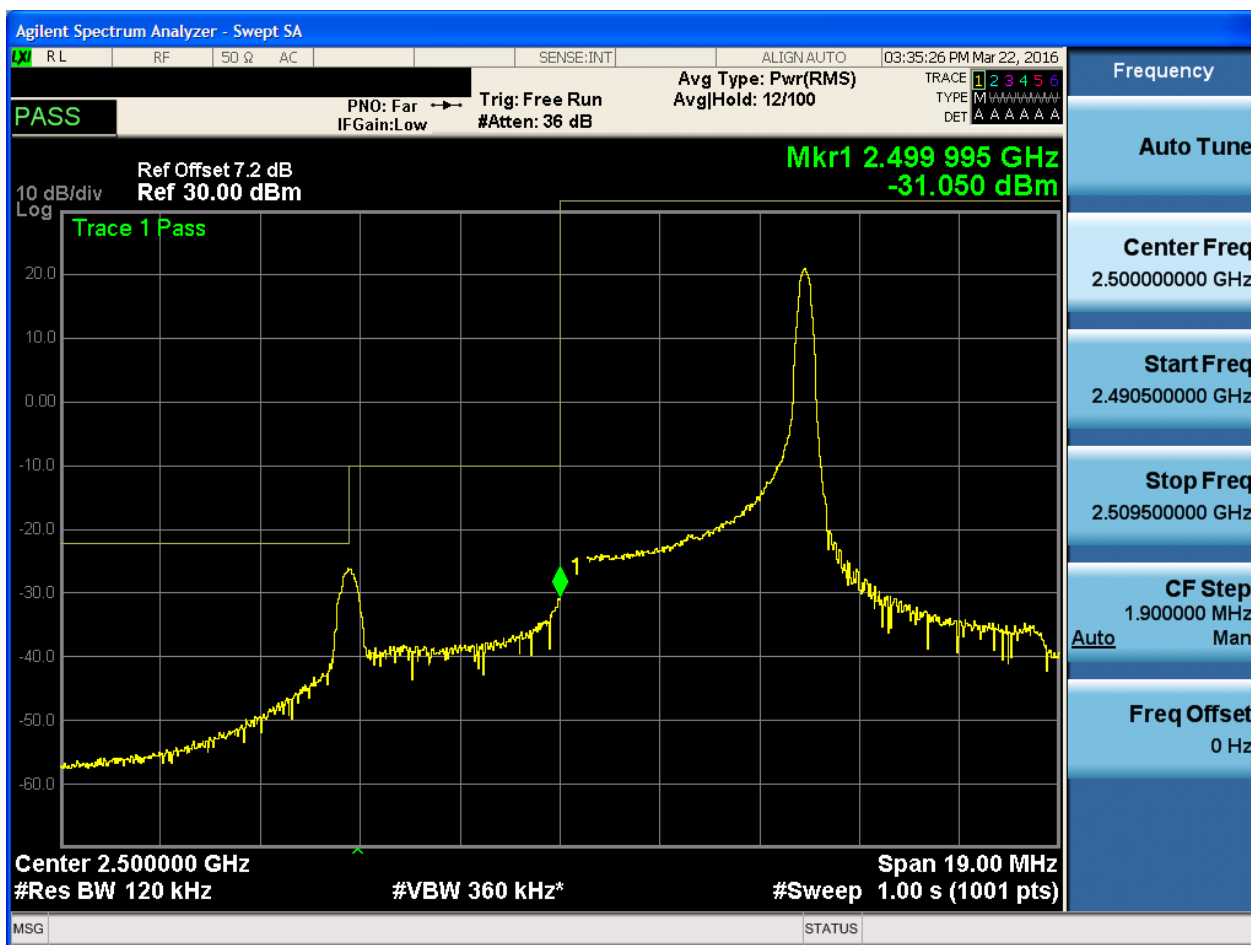
#### 5.1.1.1.1.1 Test Channel = LCH

#### 5.1.1.1.1.1.1 Test RB = RB1#0



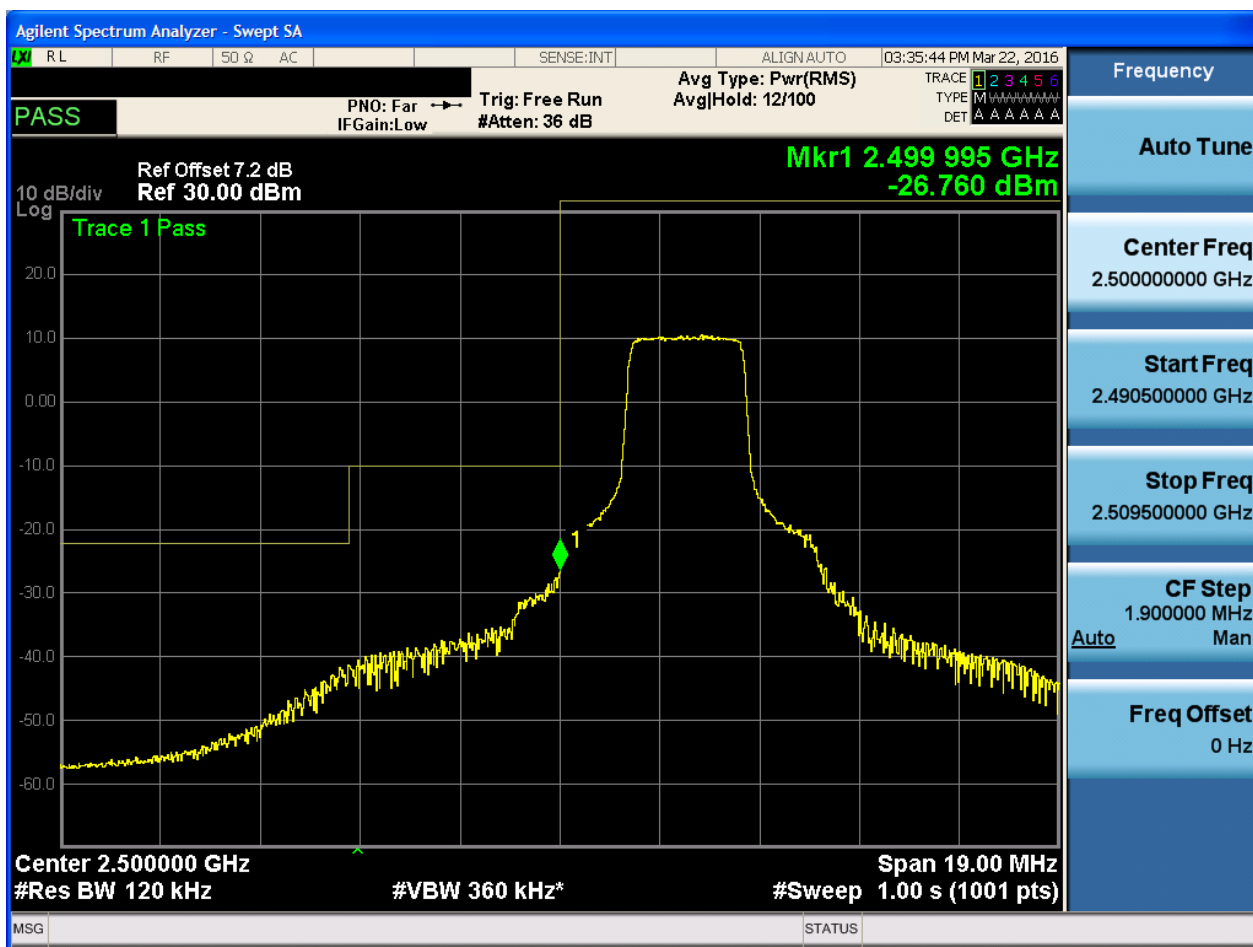


## 5.1.1.1.1.2 Test RB = RB1#24



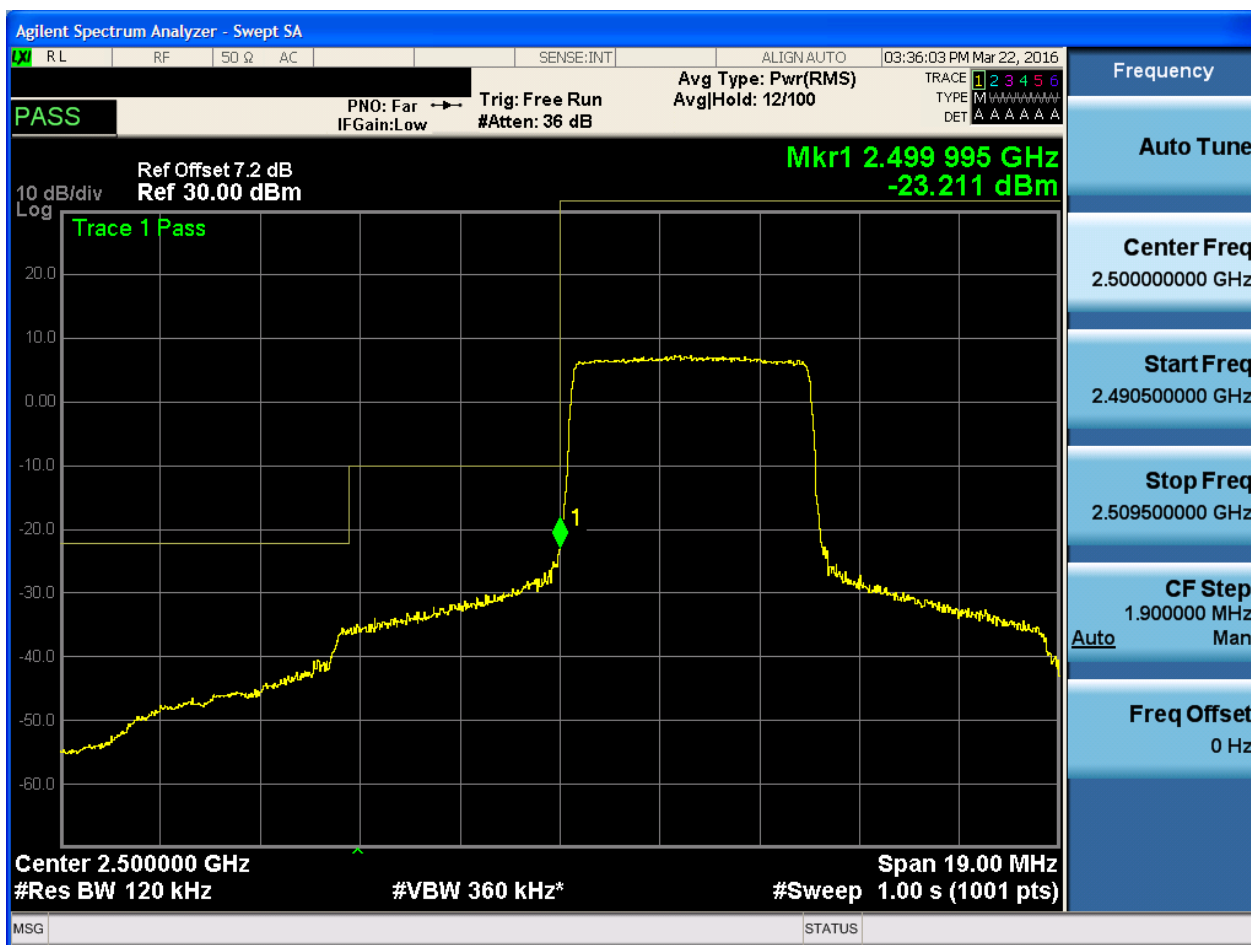


## 5.1.1.1.1.3 Test RB = RB12#6



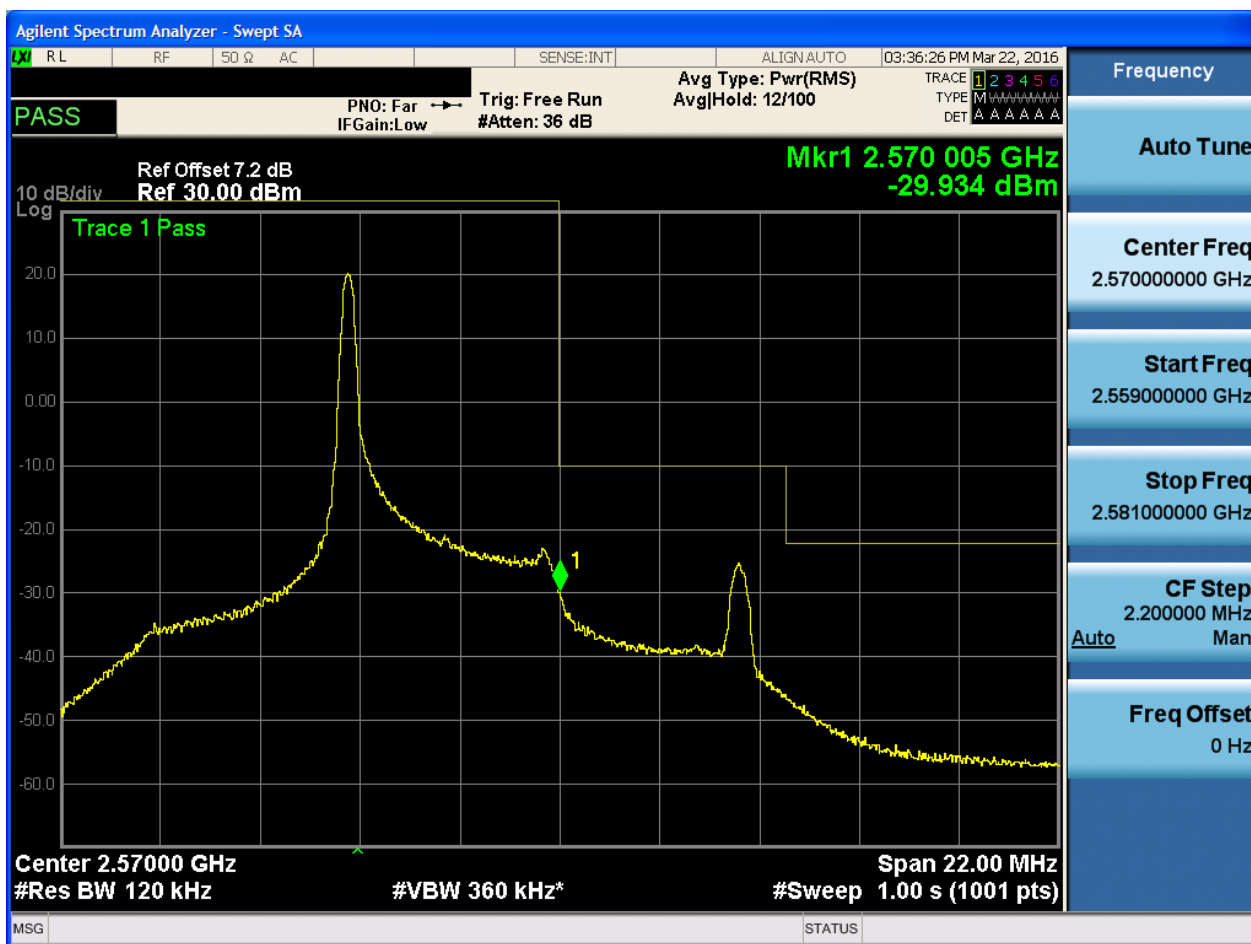


## 5.1.1.1.1.4 Test RB = RB25#0



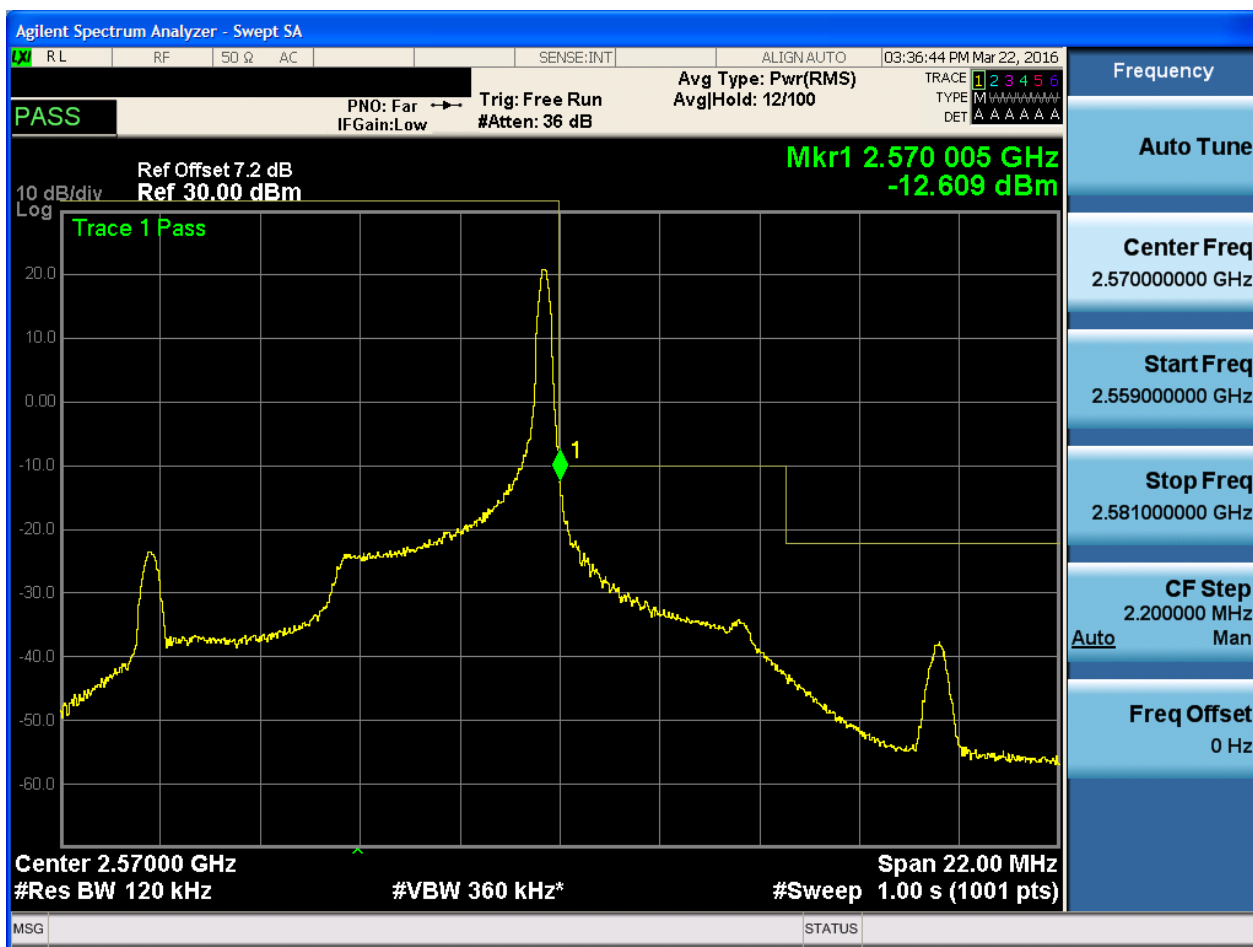
#### 5.1.1.1.1.2 Test Channel = HCH

#### 5.1.1.1.1.2.1 Test RB = RB1#0



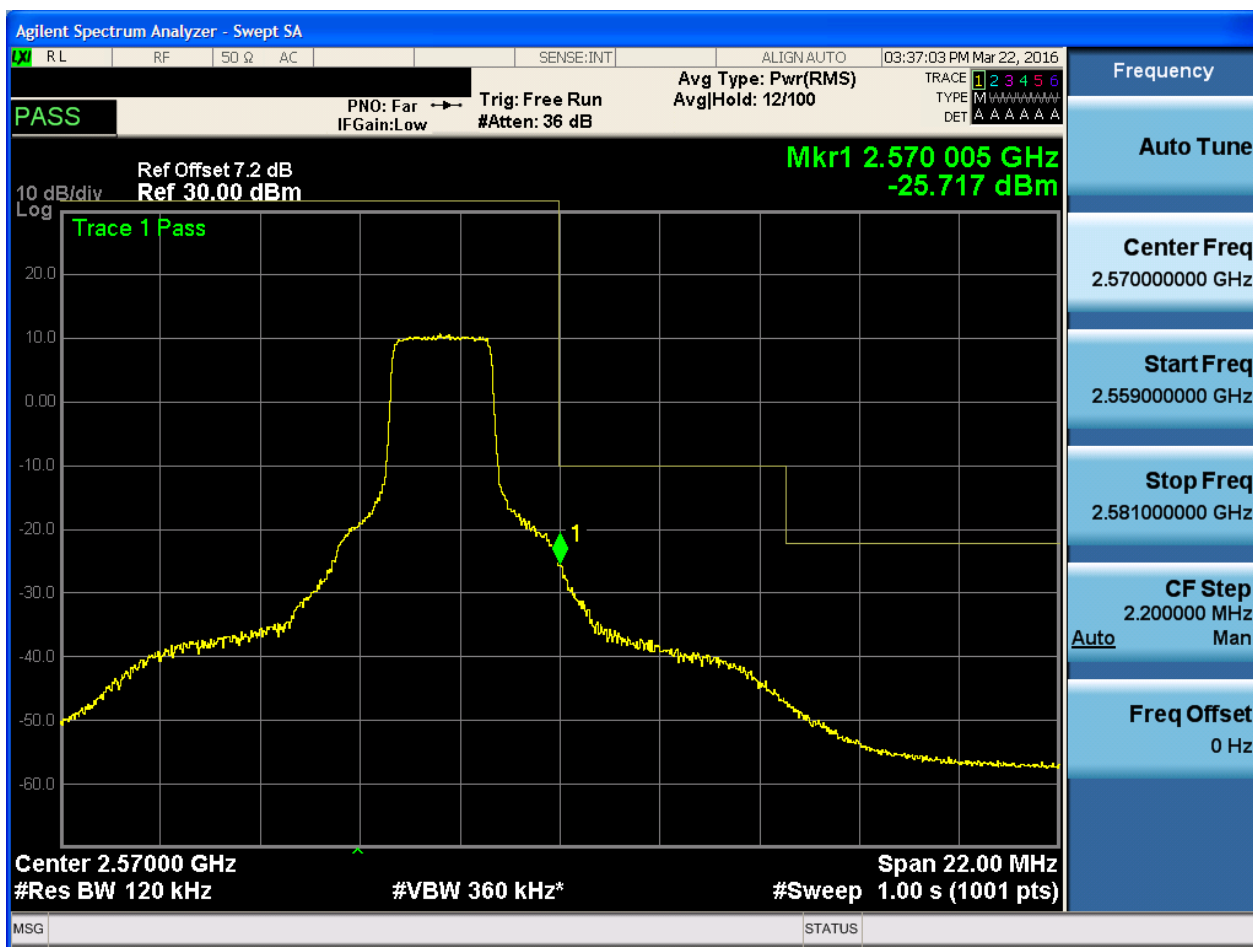


## 5.1.1.1.2.2 Test RB = RB1#24





## 5.1.1.1.2.3 Test RB = RB12#6





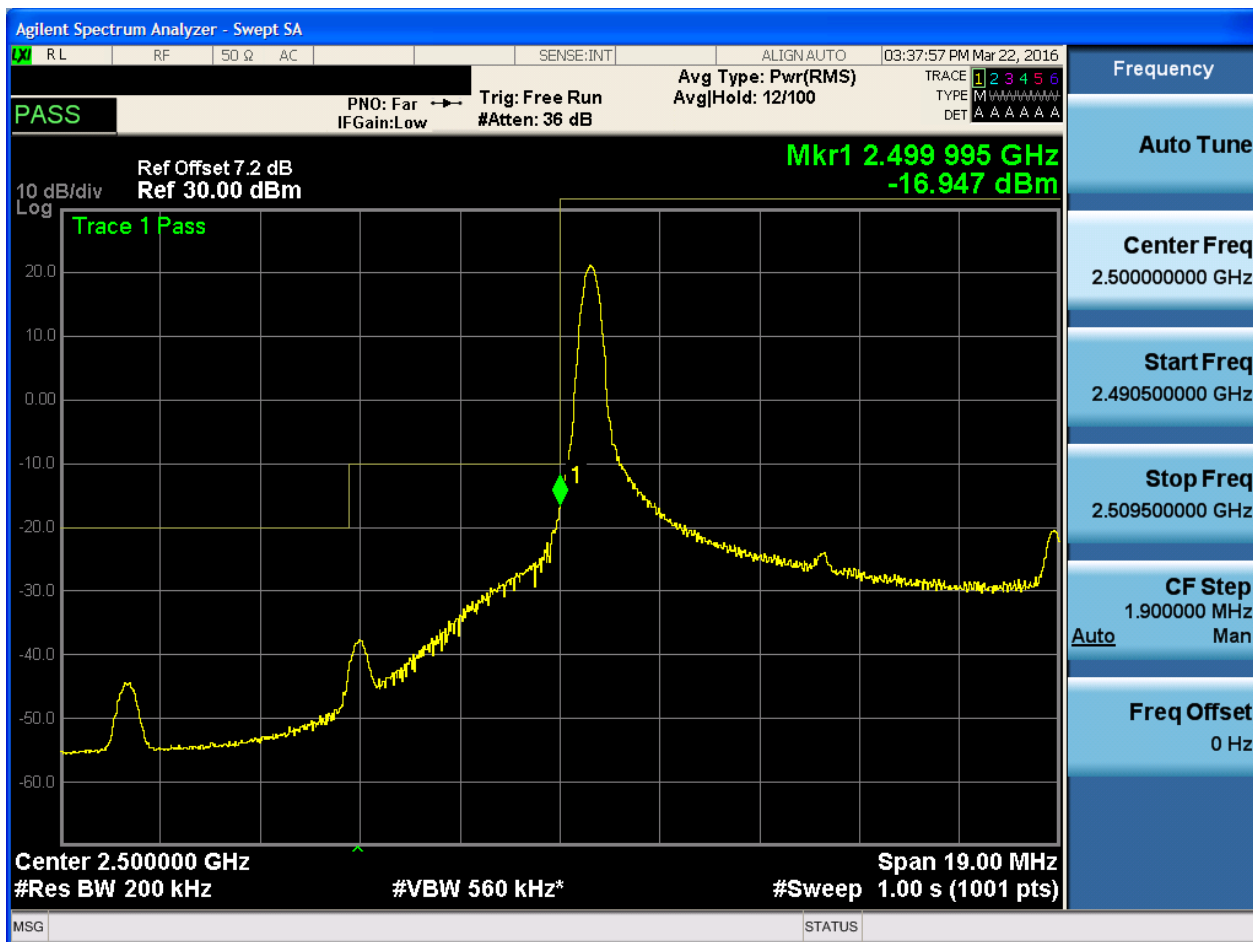
## 5.1.1.1.2.4 Test RB = RB25#0



### 5.1.1.1.2 Test Bandwidth = 10

#### 5.1.1.1.2.1 Test Channel = LCH

##### 5.1.1.1.2.1.1 Test RB = RB1#0



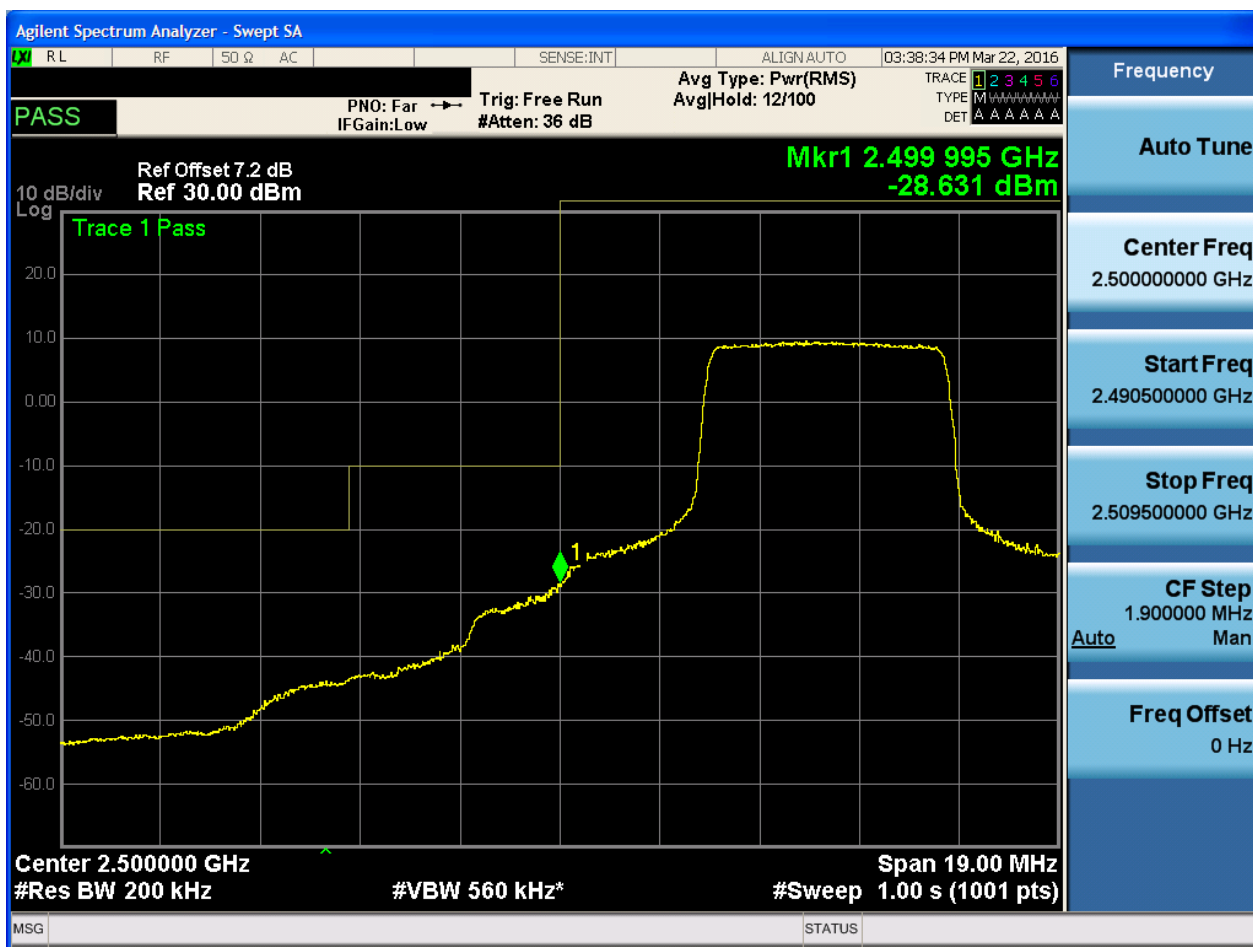


## 5.1.1.1.2.1.2 Test RB = RB1#49





## 5.1.1.1.2.1.3 Test RB = RB25#13



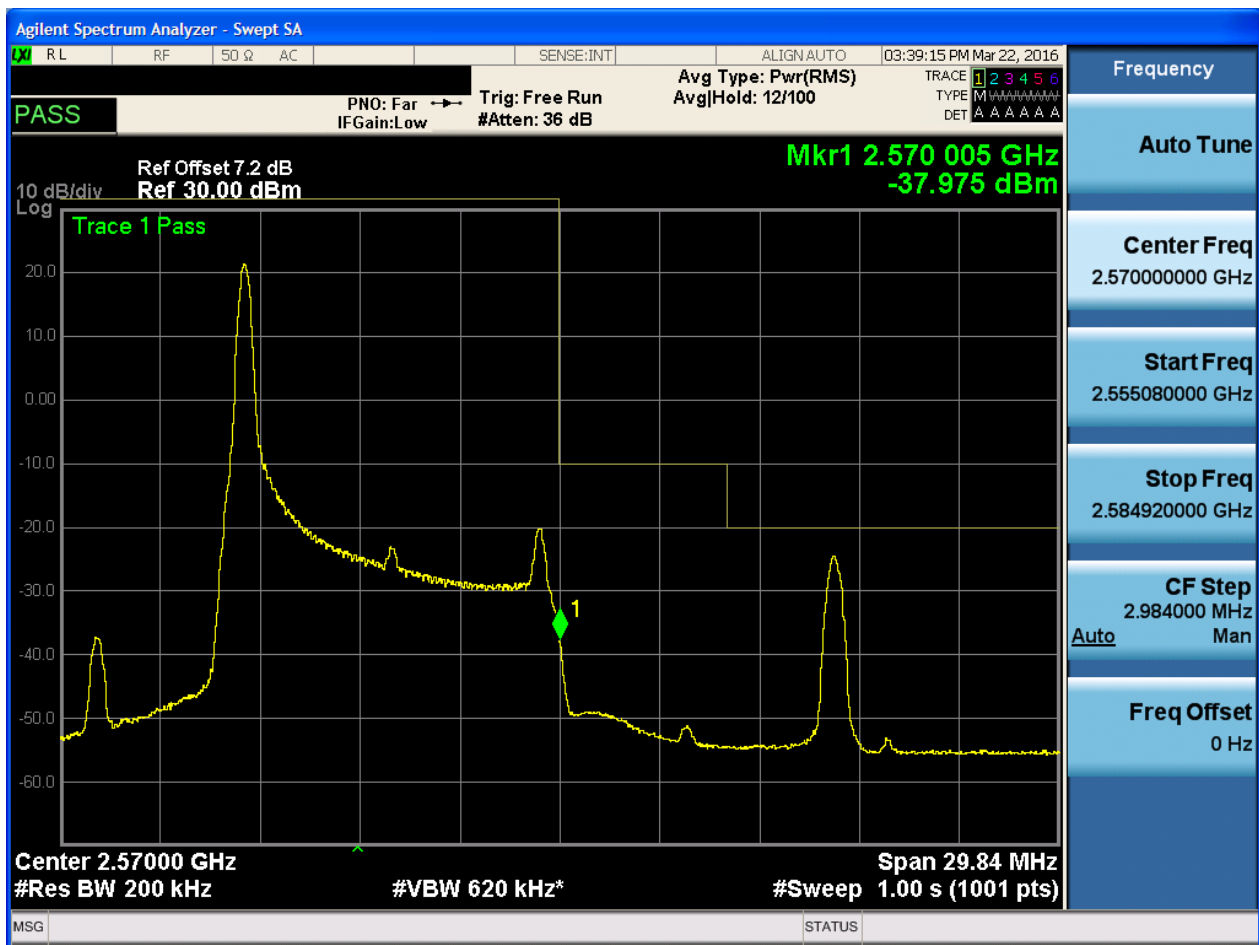


## 5.1.1.1.2.1.4 Test RB = RB50#0



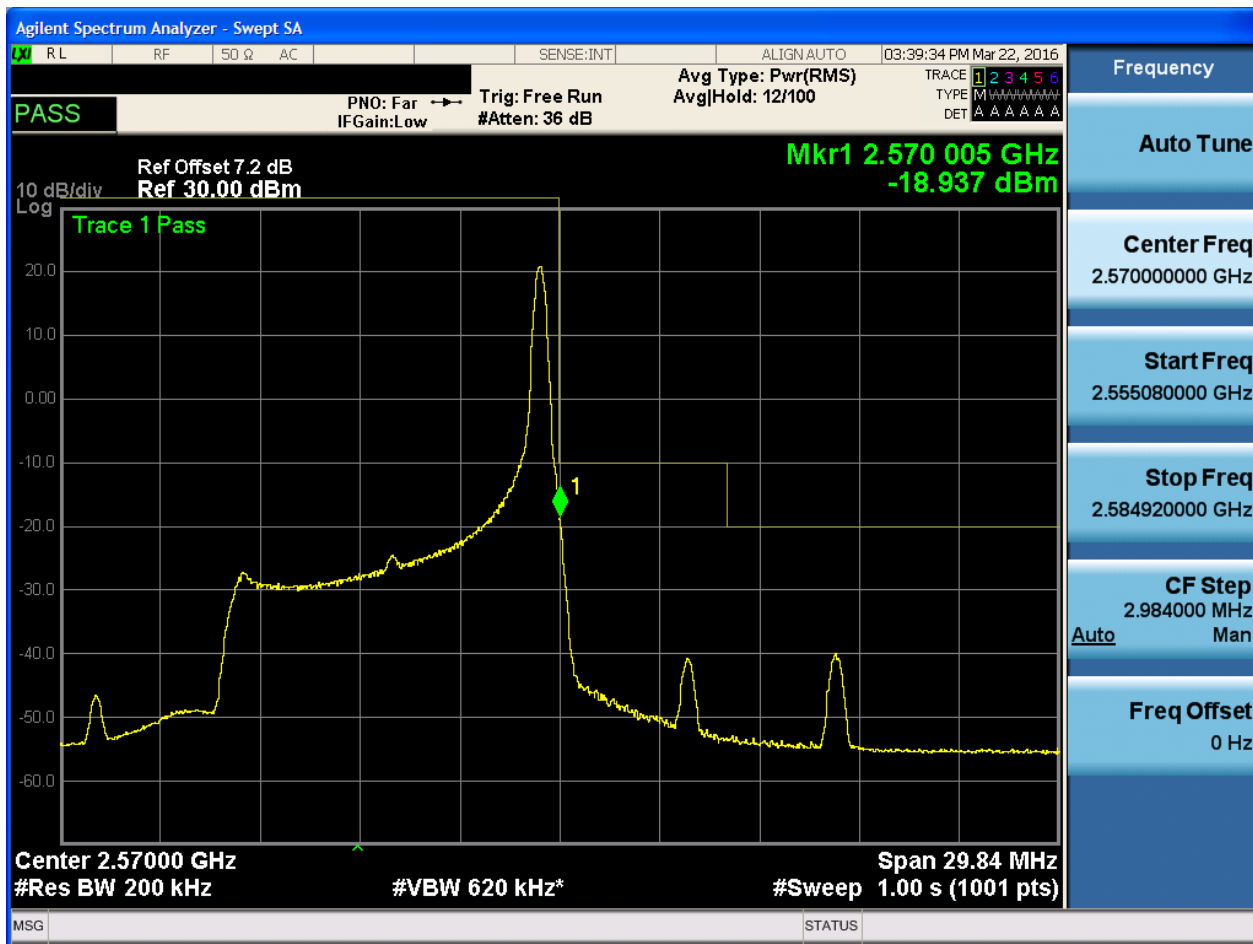
#### 5.1.1.1.2.2 Test Channel = HCH

#### 5.1.1.1.2.2.1 Test RB = RB1#0



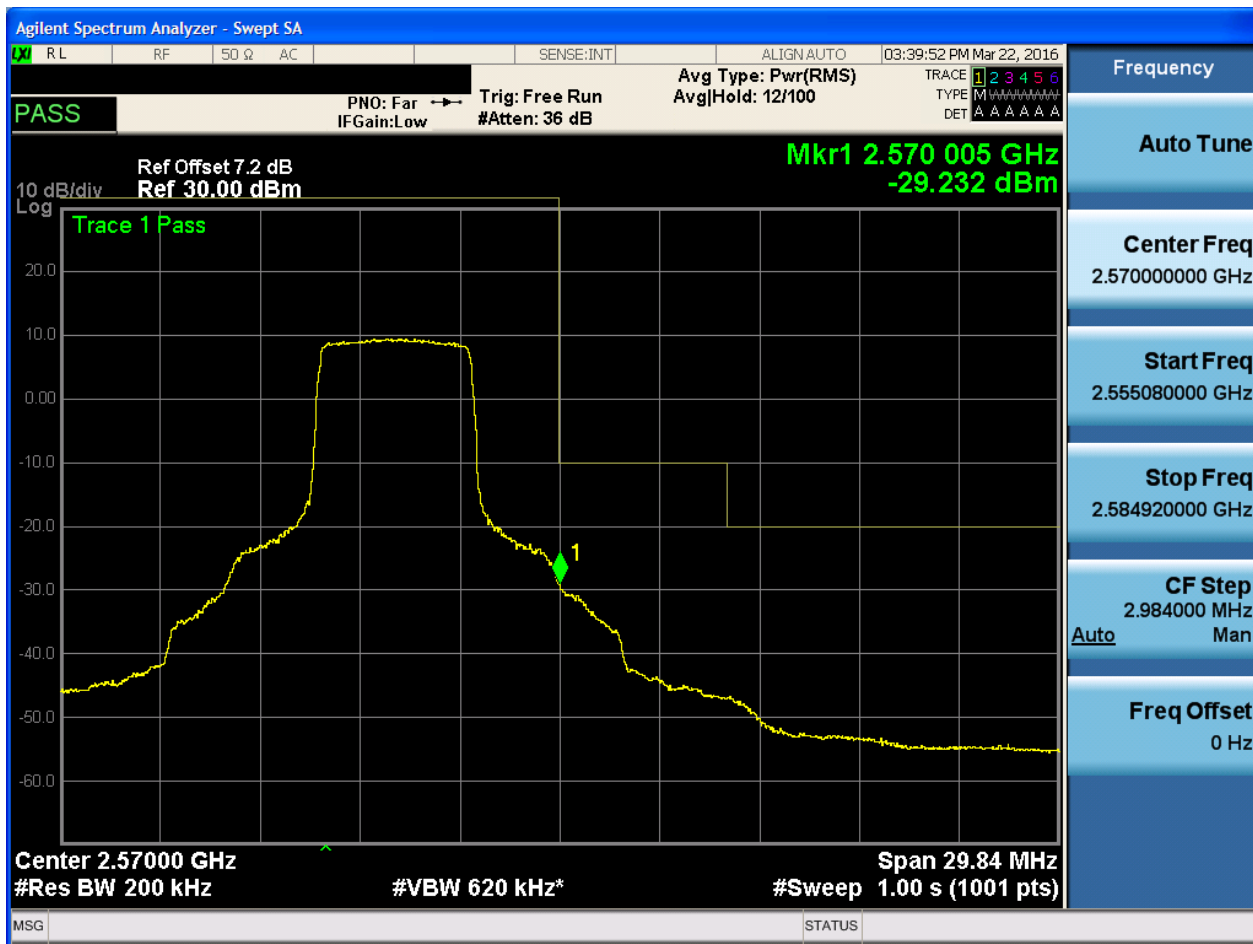


## 5.1.1.1.2.2.2 Test RB = RB1#49





## 5.1.1.1.2.2.3 Test RB = RB25#13





## 5.1.1.1.2.2.4 Test RB = RB50#0

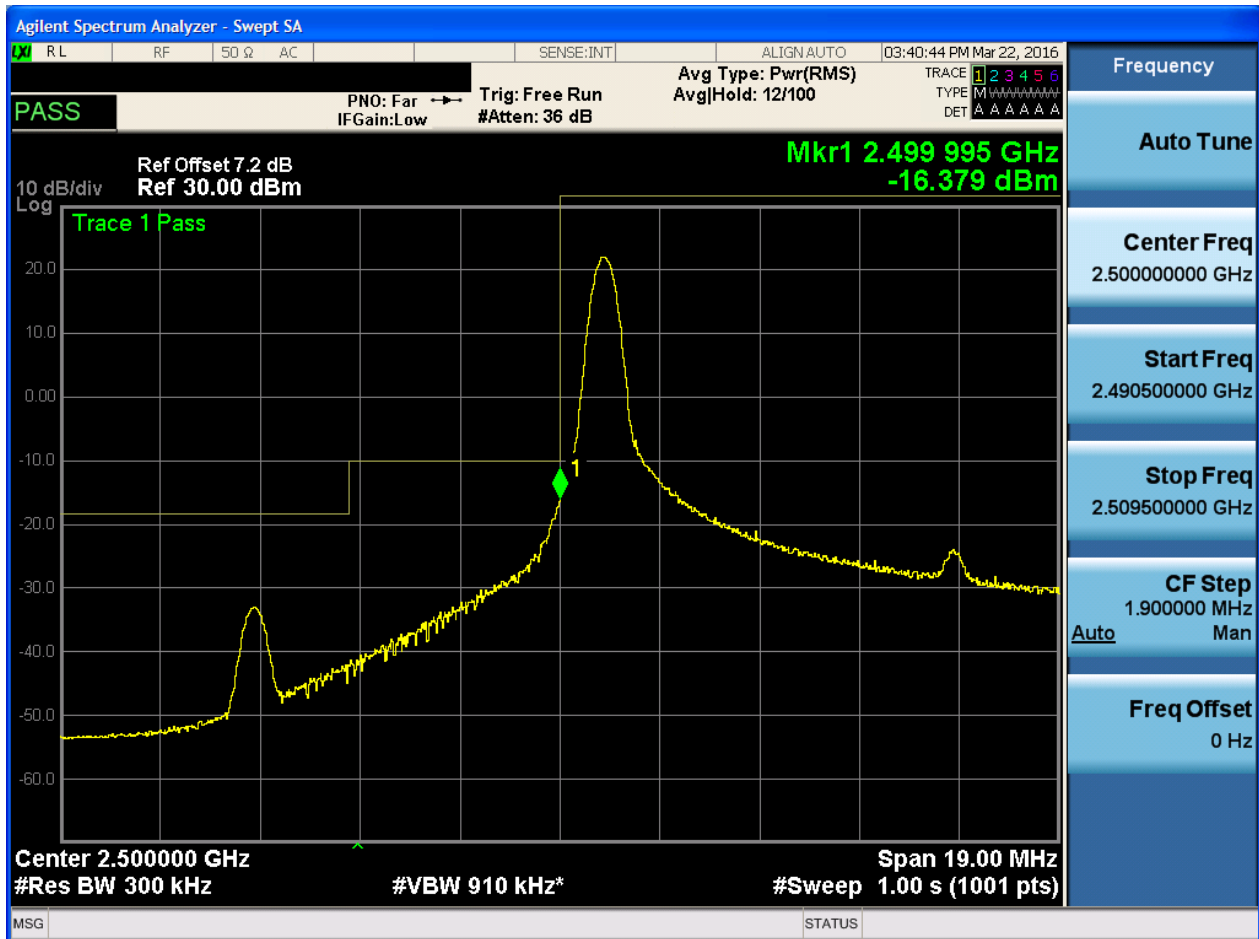




## 5.1.1.1.3 Test Bandwidth = 15

## 5.1.1.1.3.1 Test Channel = LCH

## 5.1.1.1.3.1.1 Test RB = RB1#0



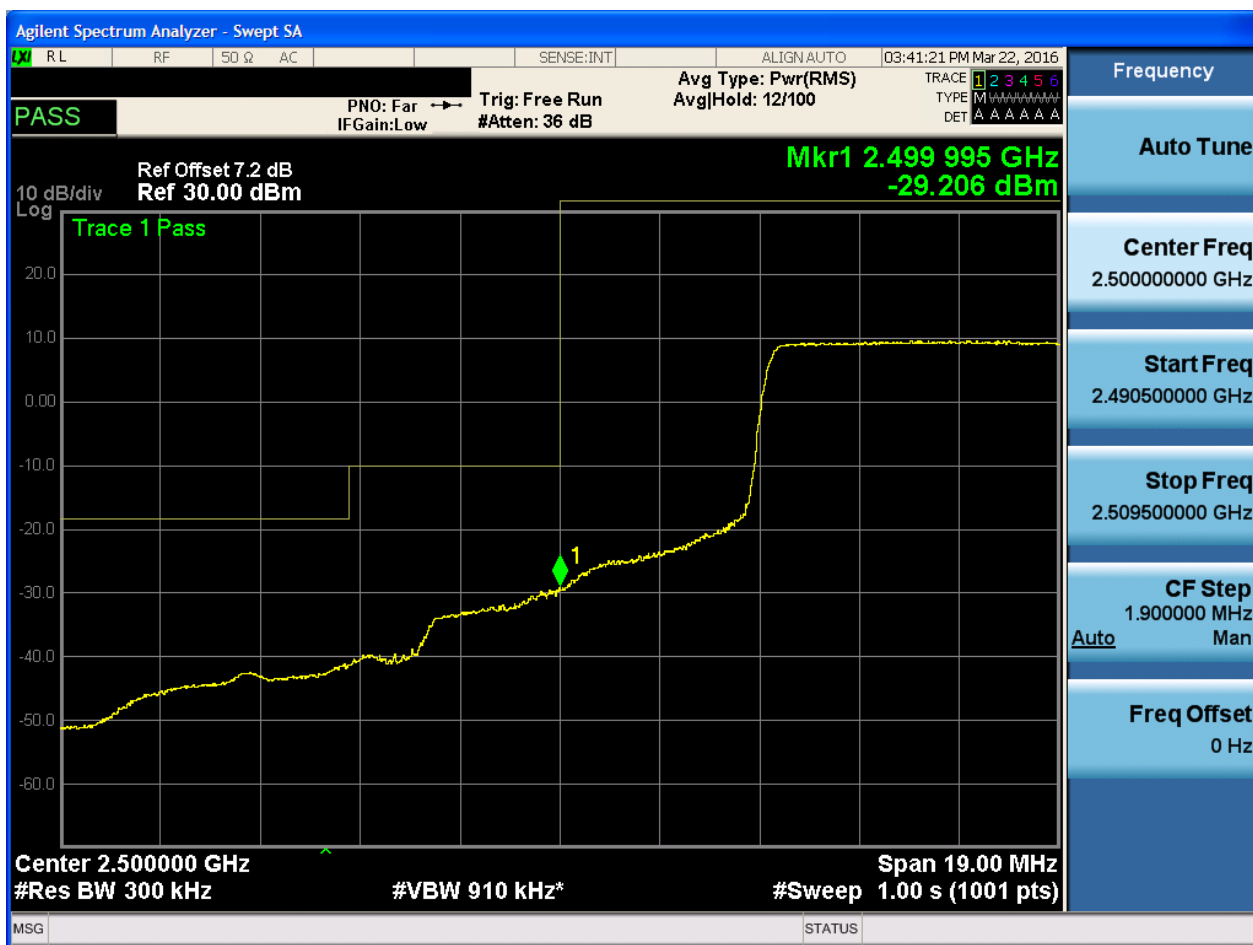


## 5.1.1.1.3.1.2 Test RB = RB1#74



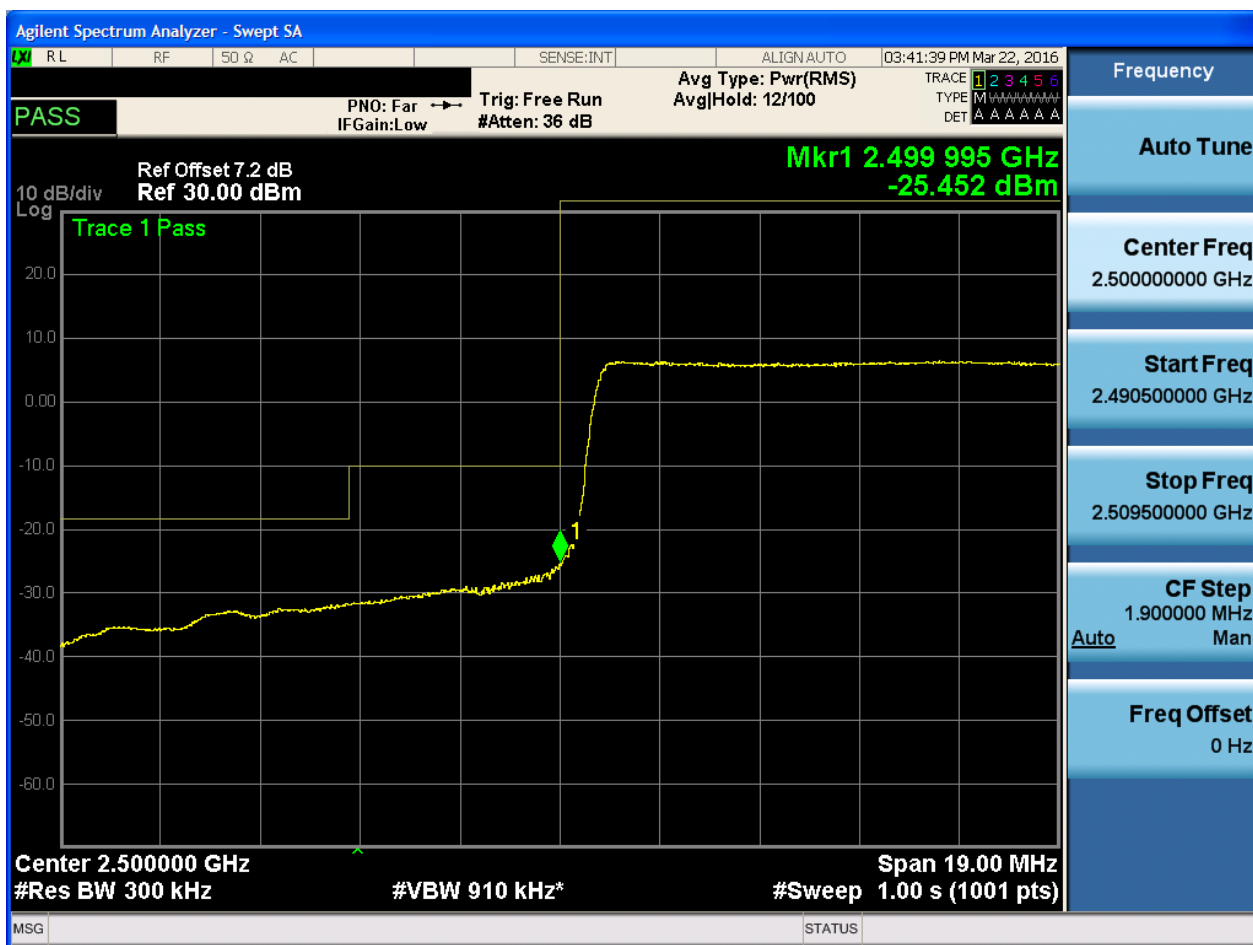


## 5.1.1.1.3.1.3 Test RB = RB36#18





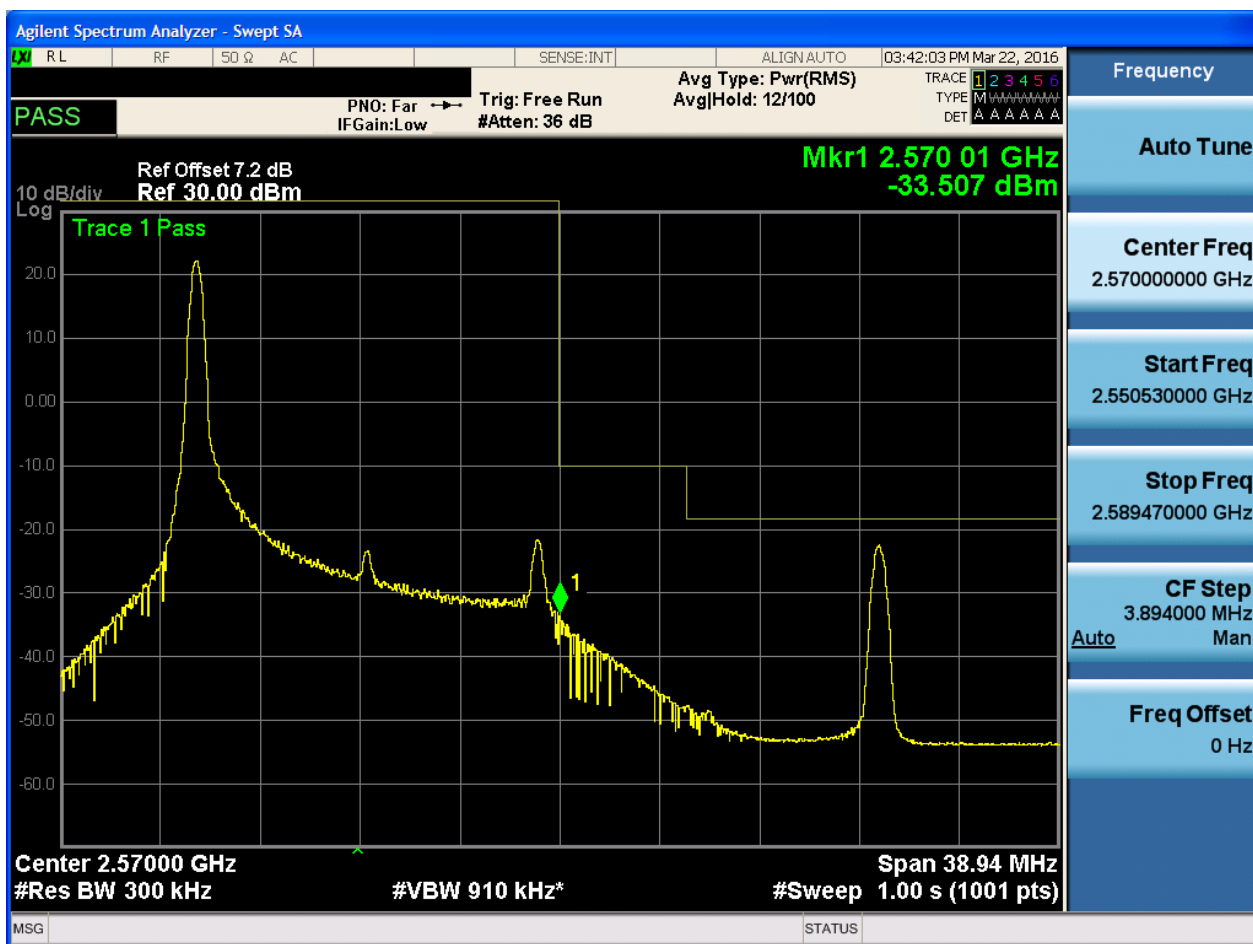
## 5.1.1.1.3.1.4 Test RB = RB75#0





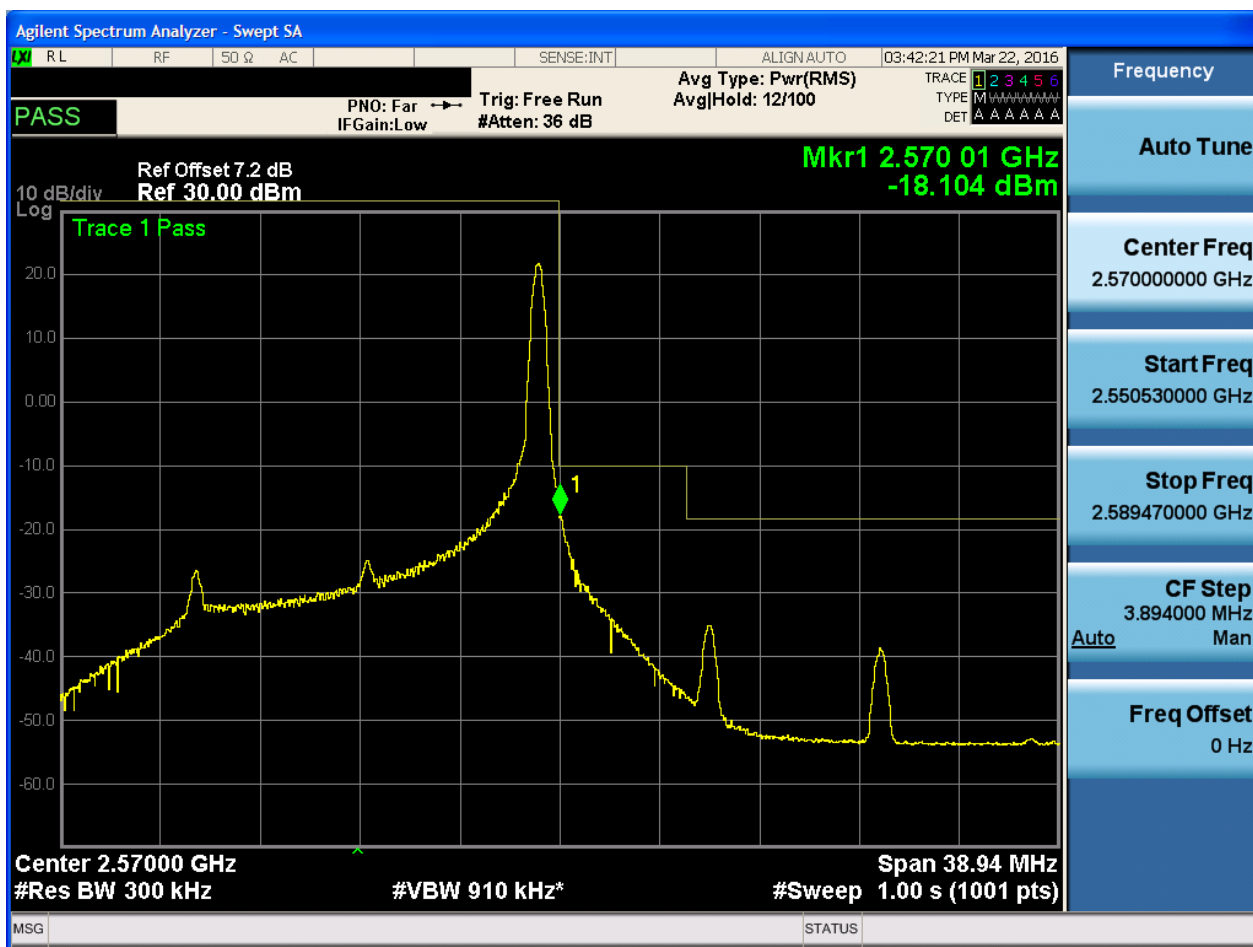
## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0





## 5.1.1.1.3.2.2 Test RB = RB1#74





## 5.1.1.1.3.2.3 Test RB = RB36#18





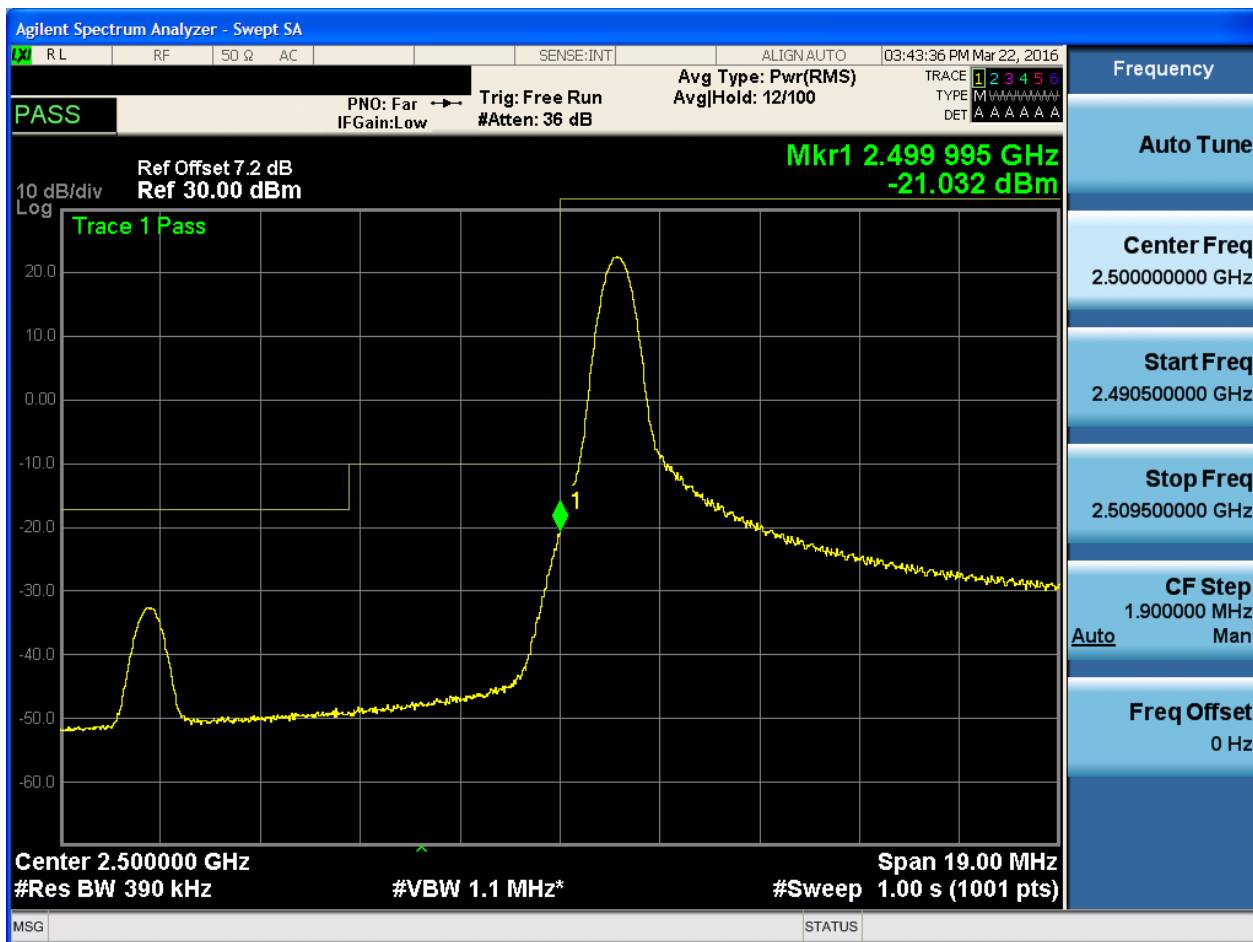
## 5.1.1.1.3.2.4 Test RB = RB75#0



#### 5.1.1.1.4 Test Bandwidth = 20

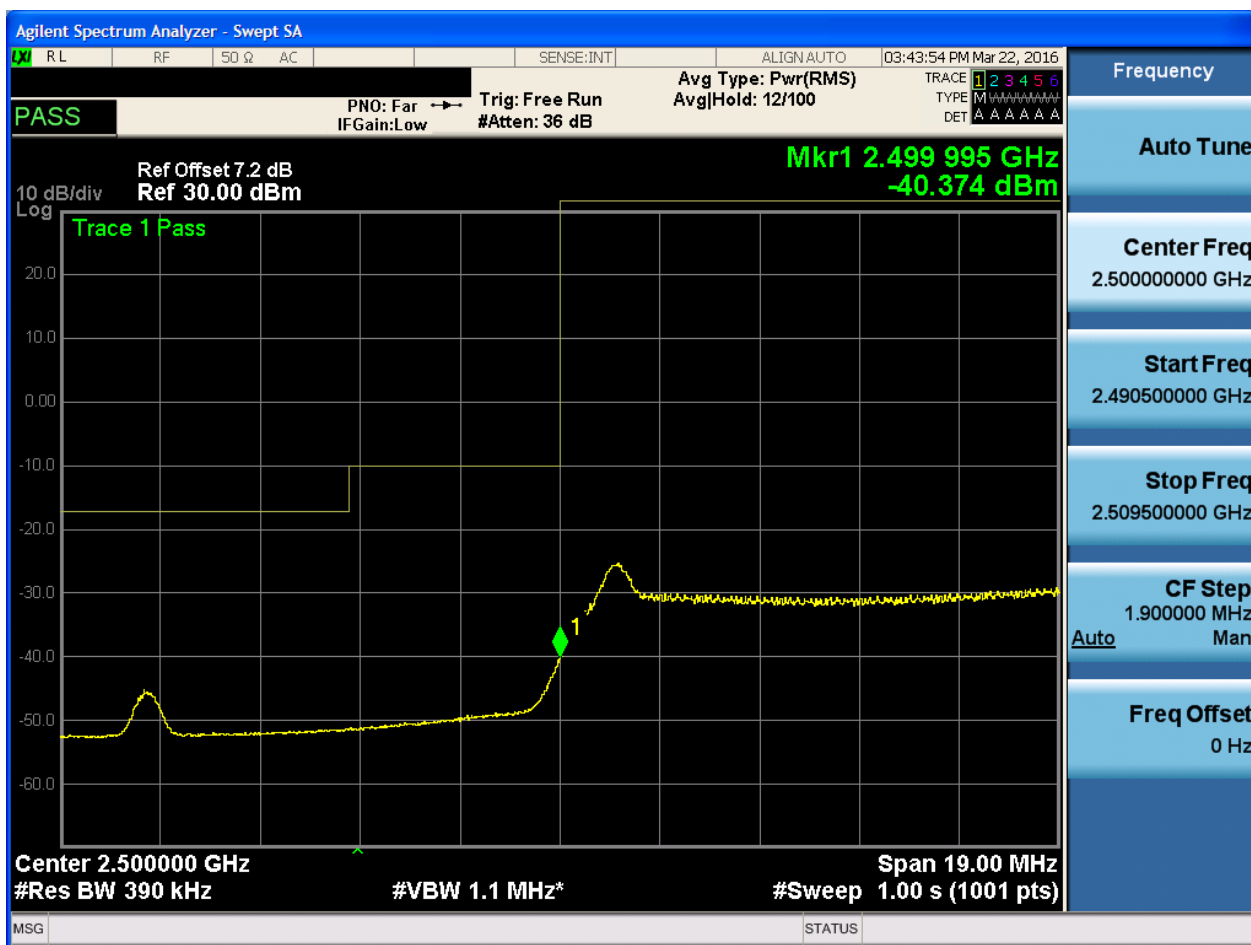
##### 5.1.1.1.4.1 Test Channel = LCH

##### 5.1.1.1.4.1.1 Test RB = RB1#0





## 5.1.1.1.4.1.2 Test RB = RB1#99



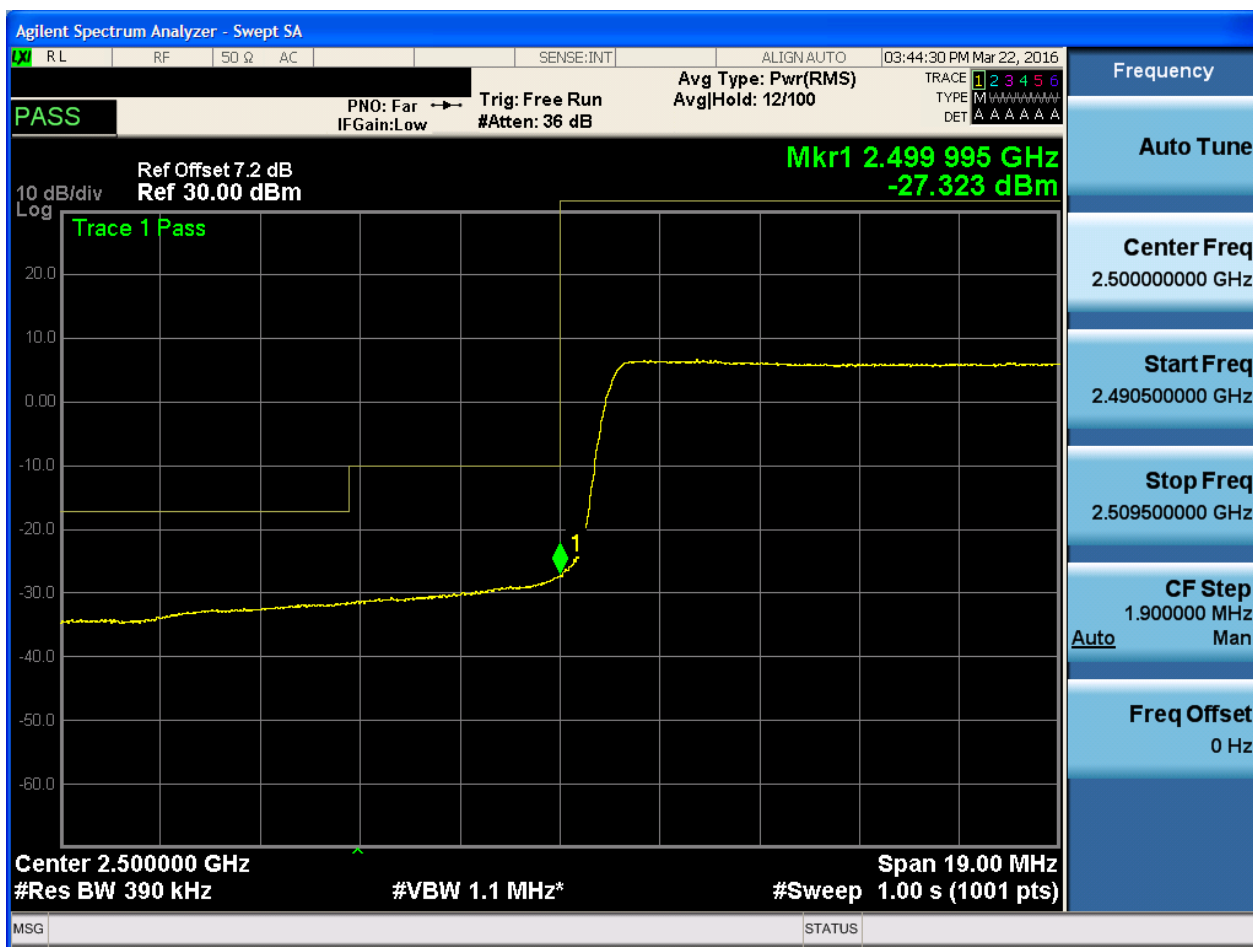


## 5.1.1.1.4.1.3 Test RB = RB50#25



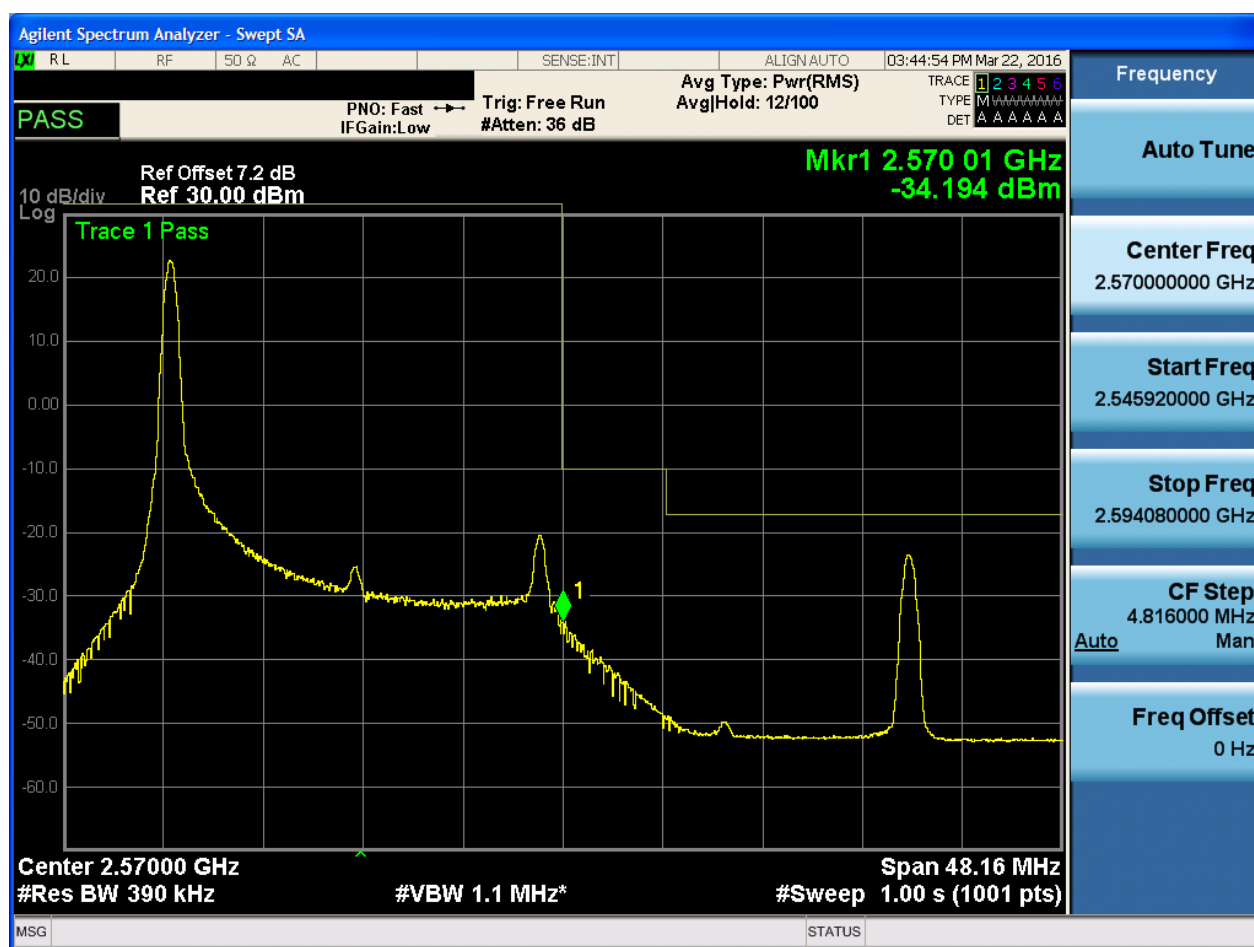


## 5.1.1.1.4.1.4 Test RB = RB100#0



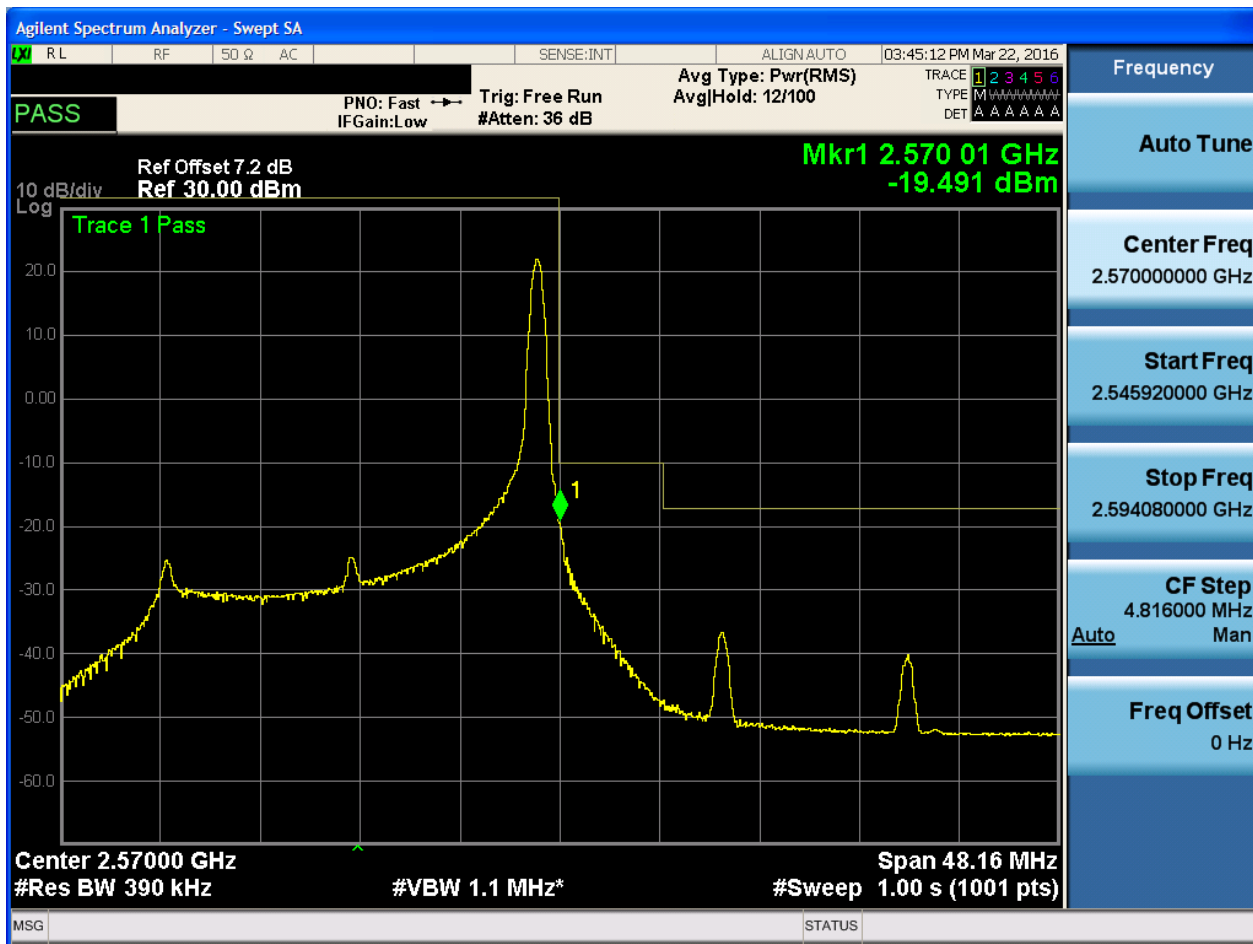
#### 5.1.1.1.4.2 Test Channel = HCH

#### 5.1.1.1.4.2.1 Test RB = RB1#0



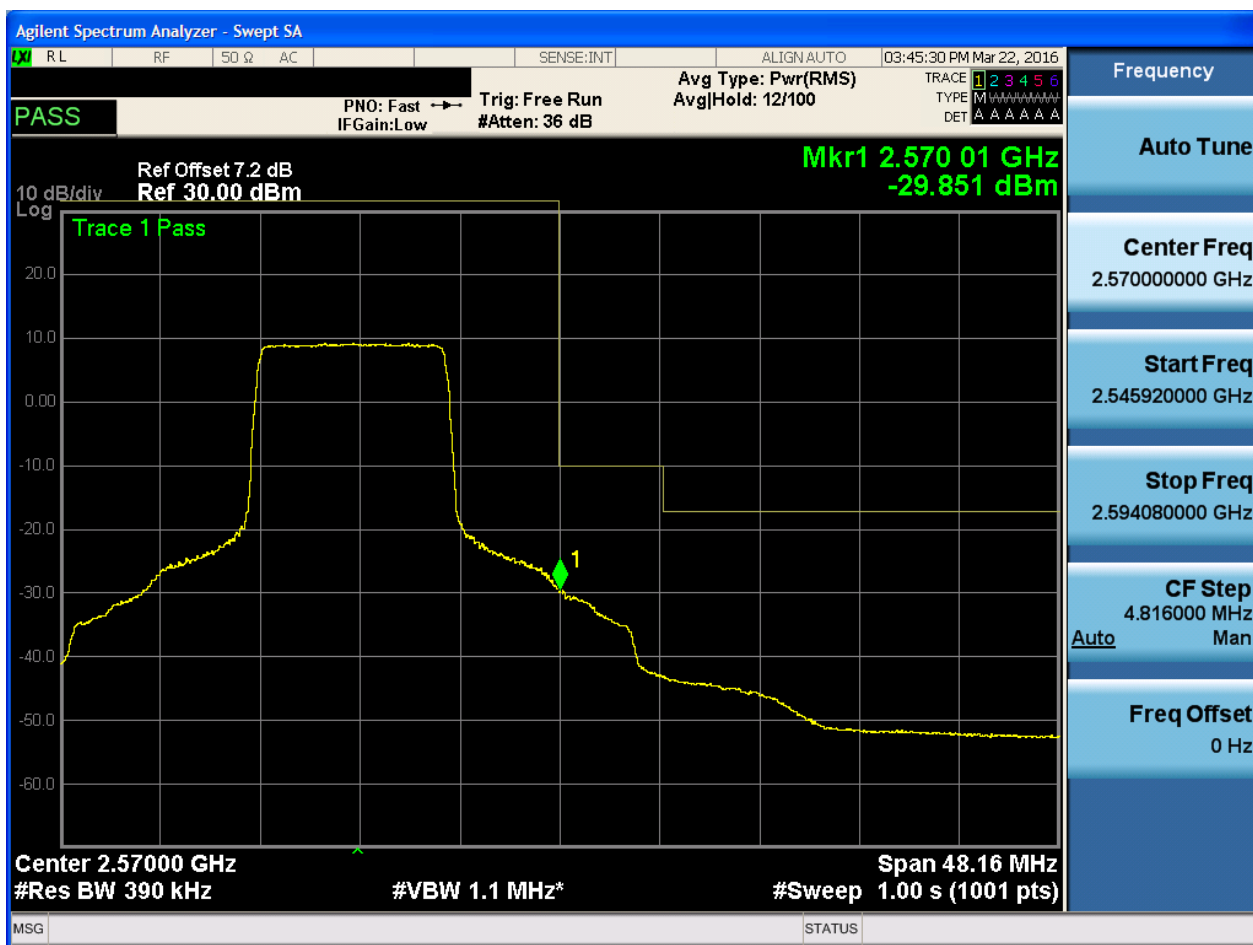


## 5.1.1.1.4.2.2 Test RB = RB1#99





## 5.1.1.1.4.2.3 Test RB = RB50#25





## 5.1.1.1.4.2.4 Test RB = RB100#0



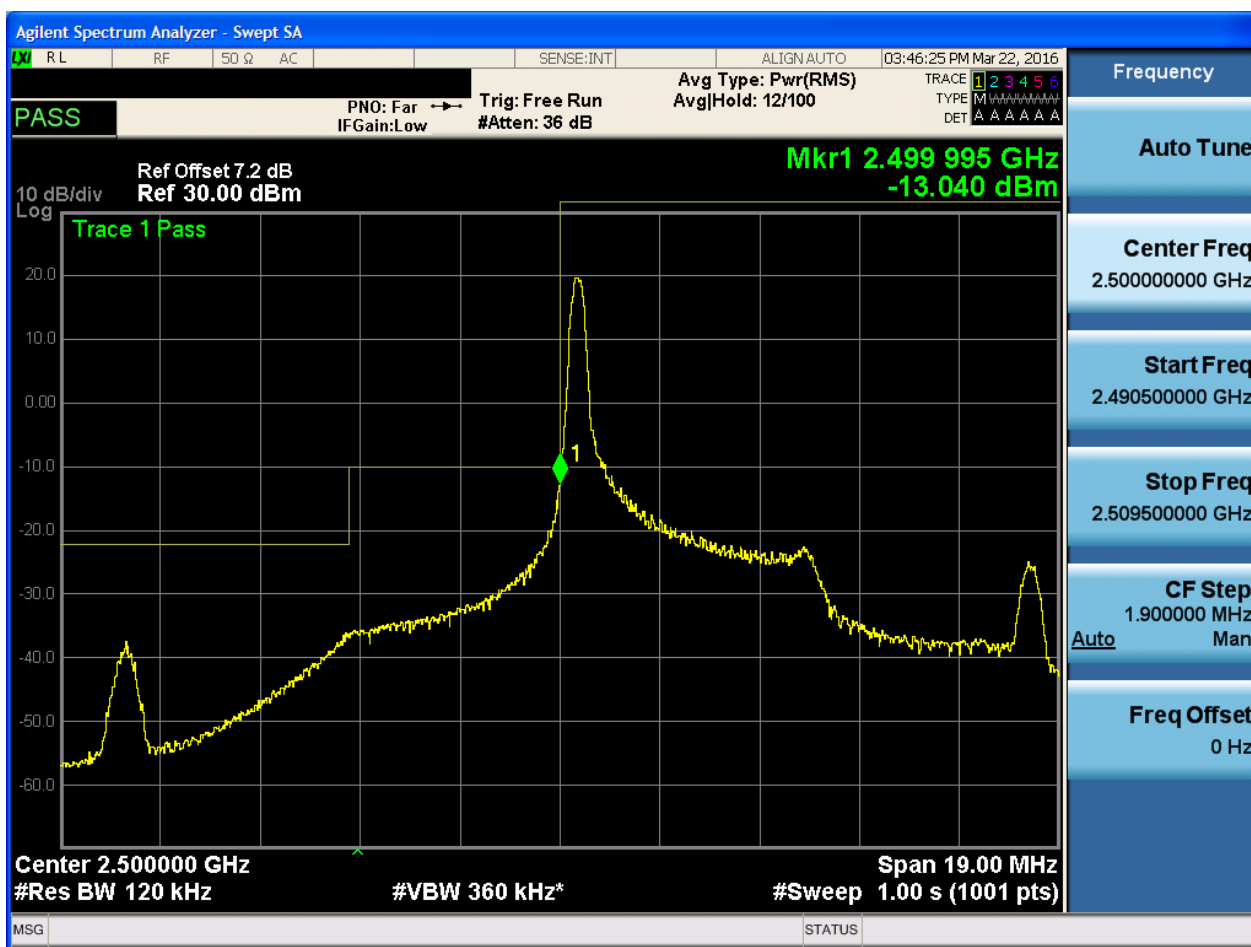


## 5.1.1.2 Test Mode = LTE/TM2

## 5.1.1.2.1 Test Bandwidth = 5

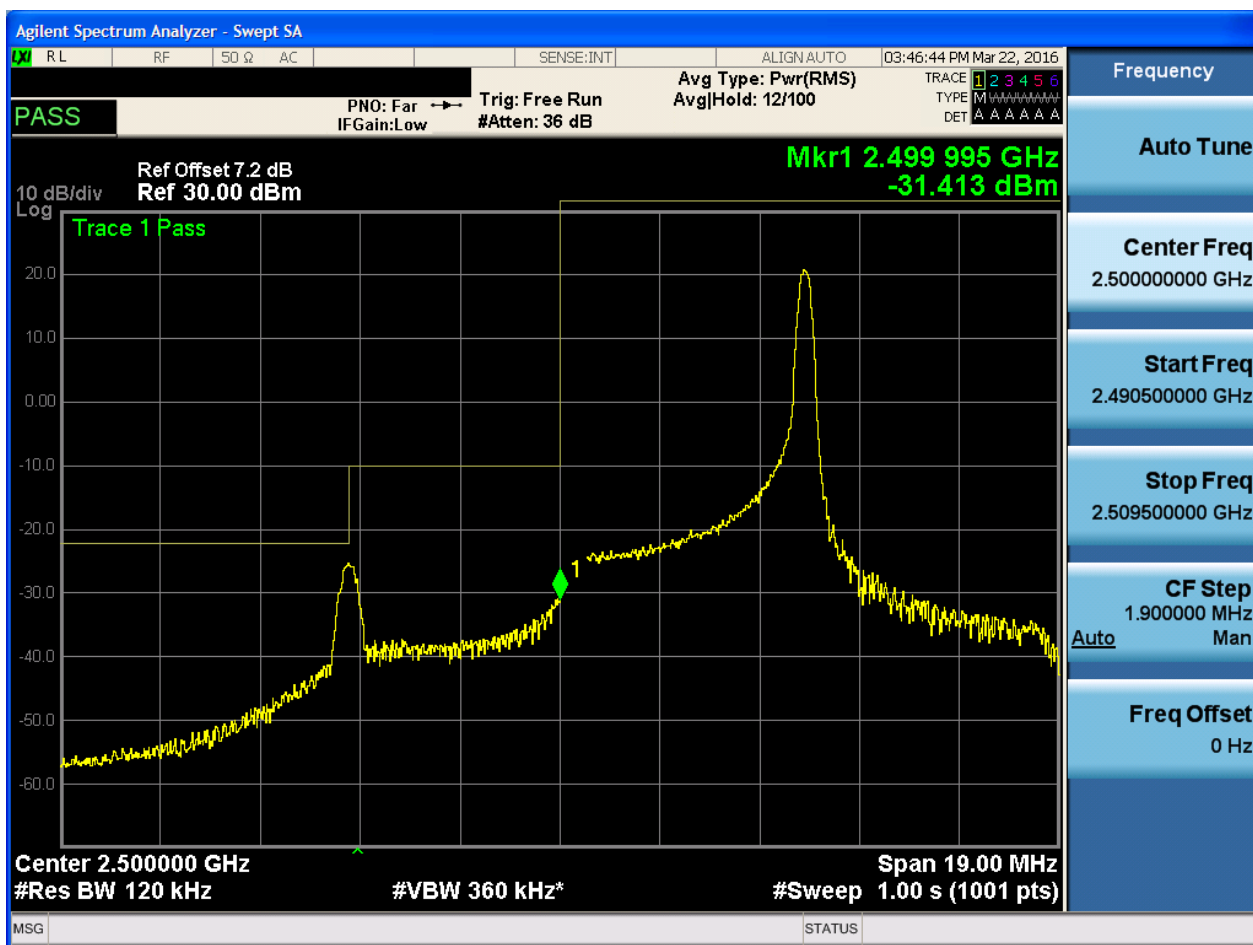
## 5.1.1.2.1.1 Test Channel = LCH

## 5.1.1.2.1.1.1 Test RB = RB1#0



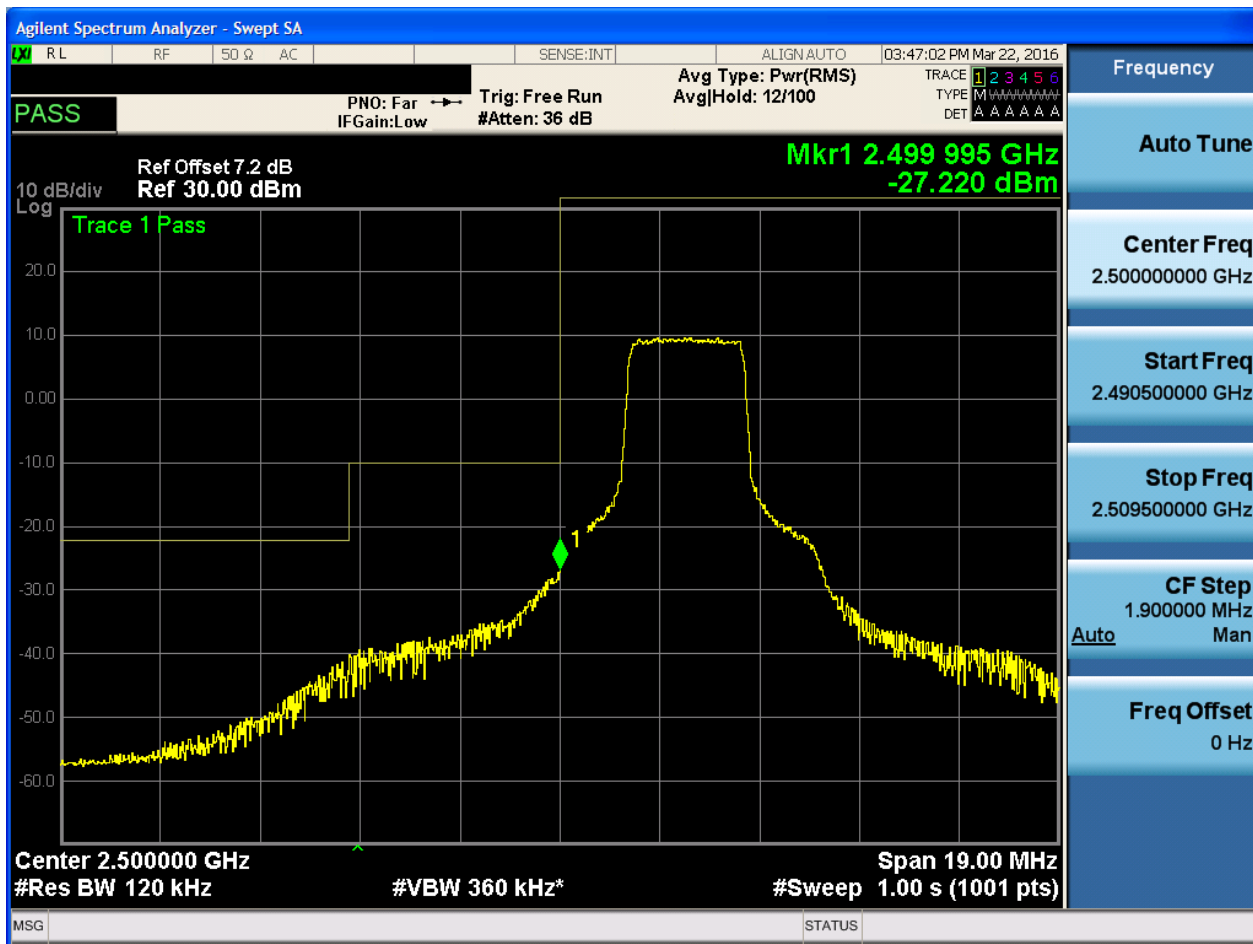


## 5.1.1.2.1.1.2 Test RB = RB1#24



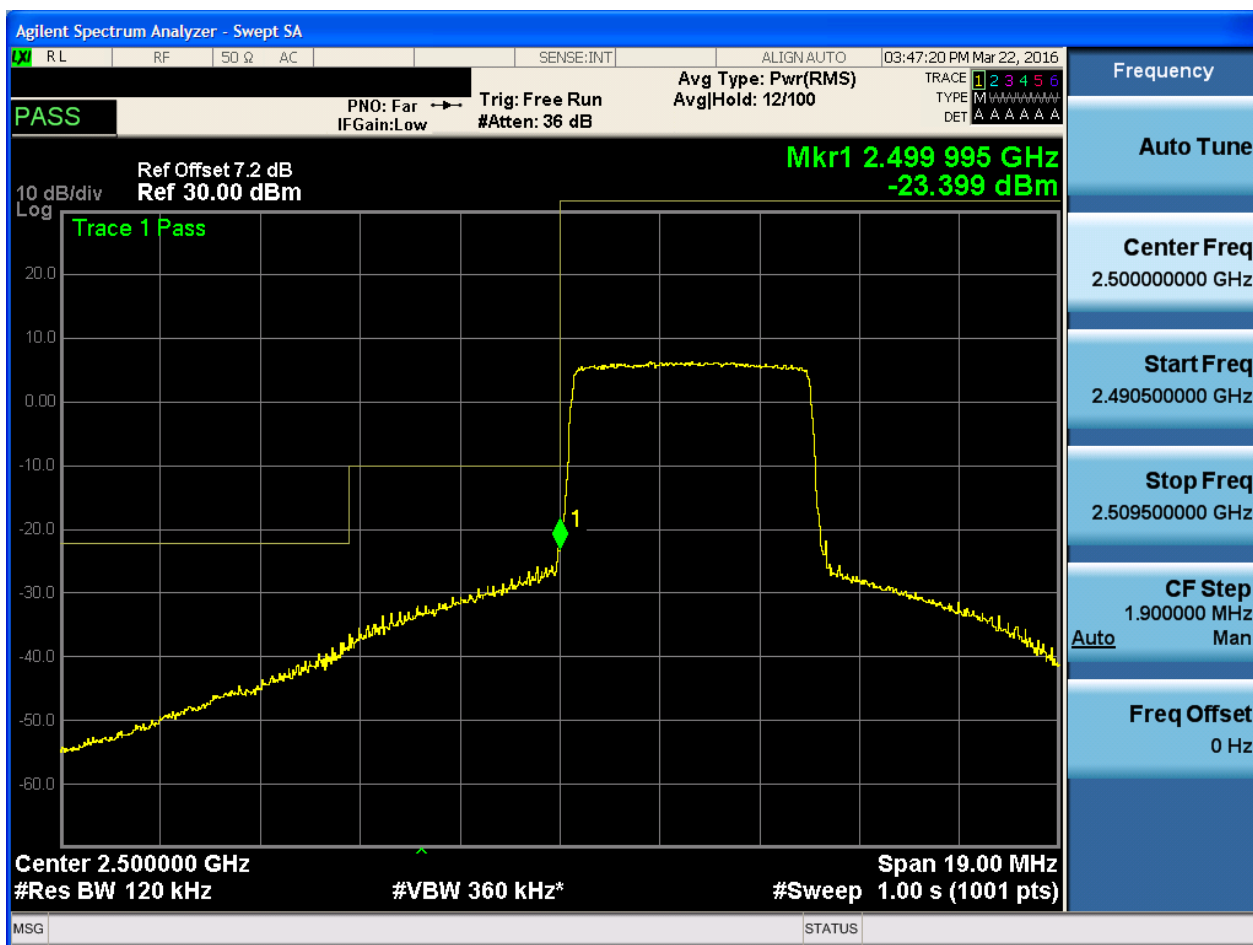


## 5.1.1.2.1.1.3 Test RB = RB12#6



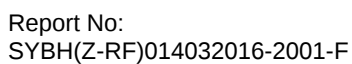


## 5.1.1.2.1.1.4 Test RB = RB25#0

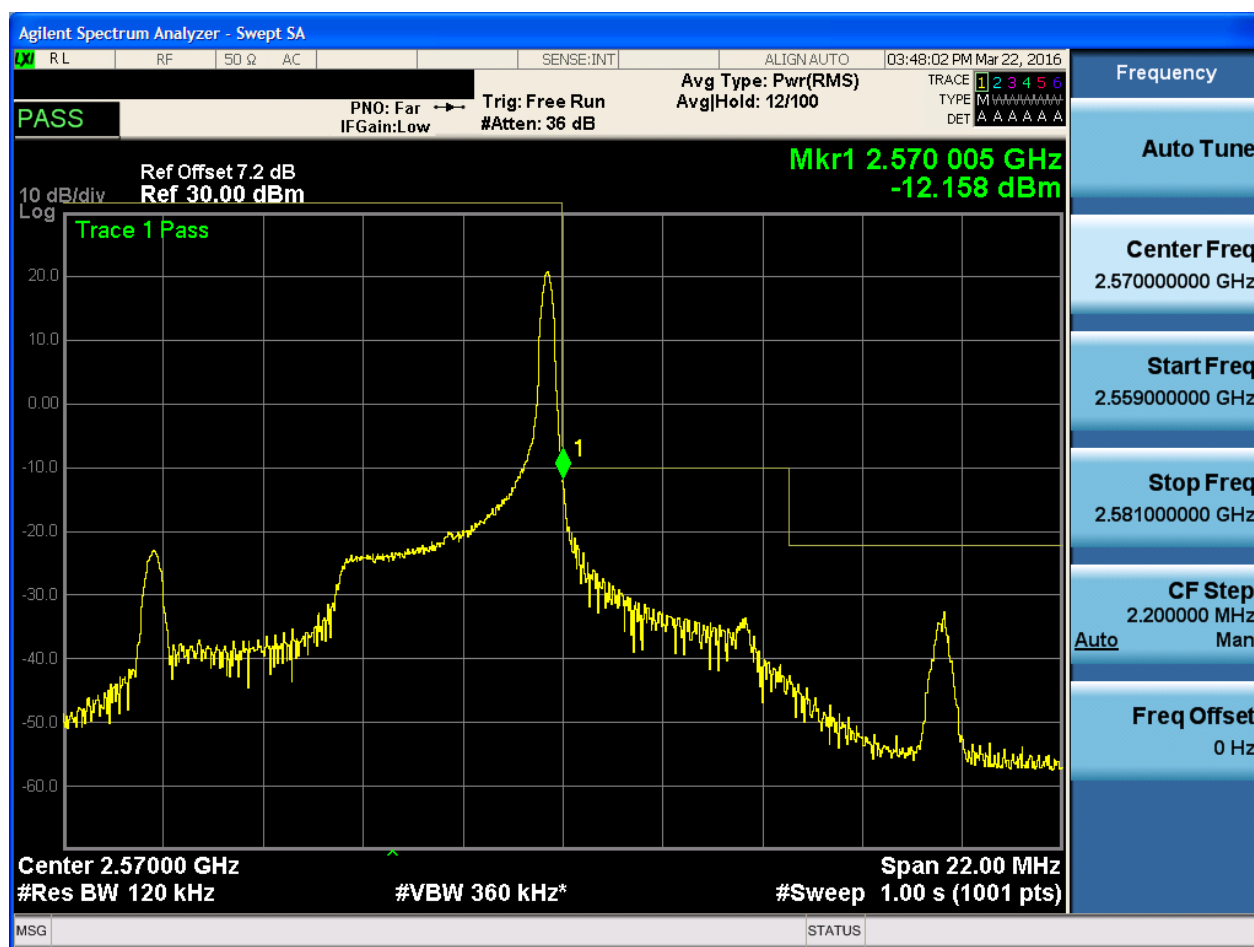




#### 5.1.1.2.1.2.1 Test RB = RB1#0

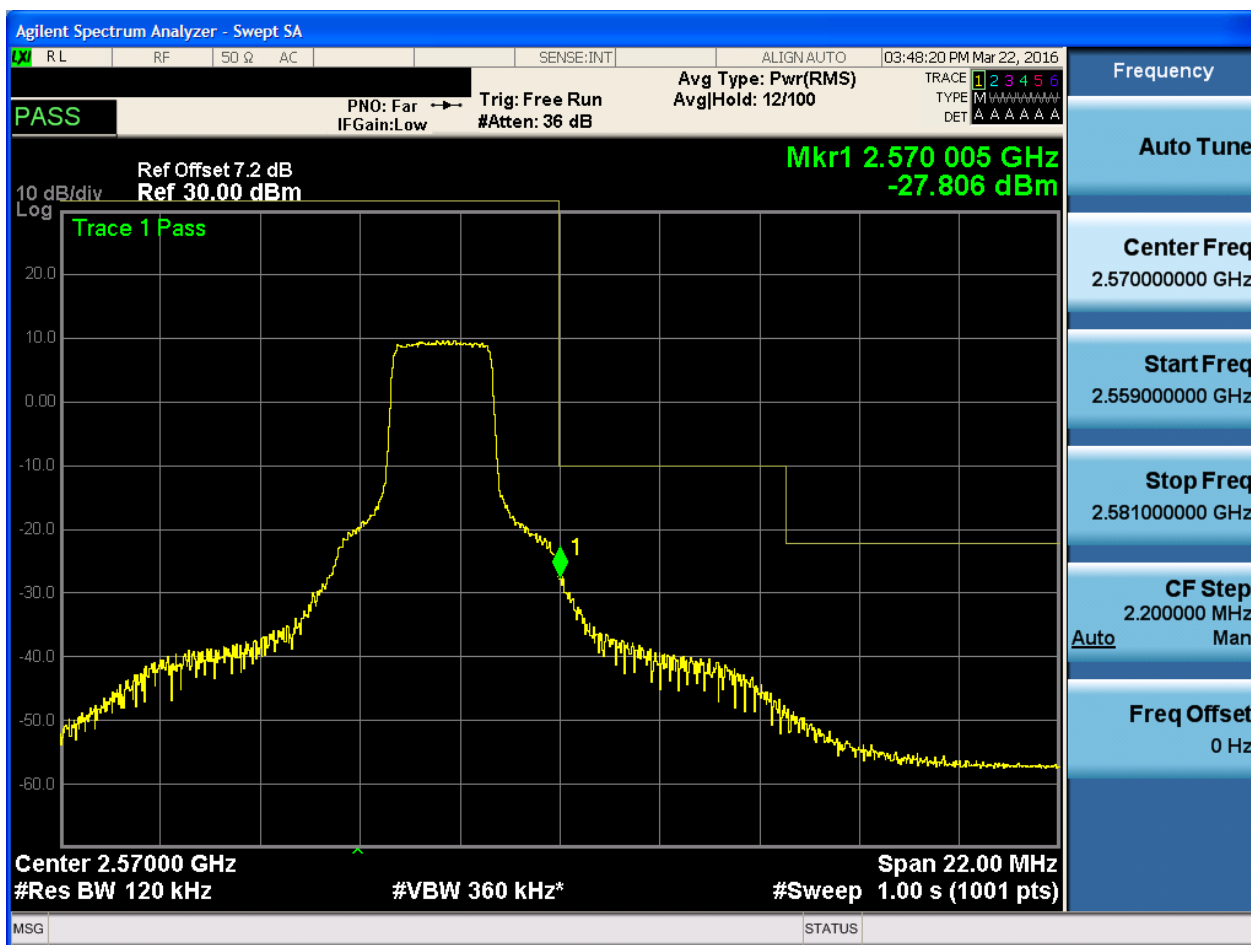


#### 5.1.1.2.1.2.2 Test RB = RB1#24





## 5.1.1.2.1.2.3 Test RB = RB12#6





## 5.1.1.2.1.2.4 Test RB = RB25#0

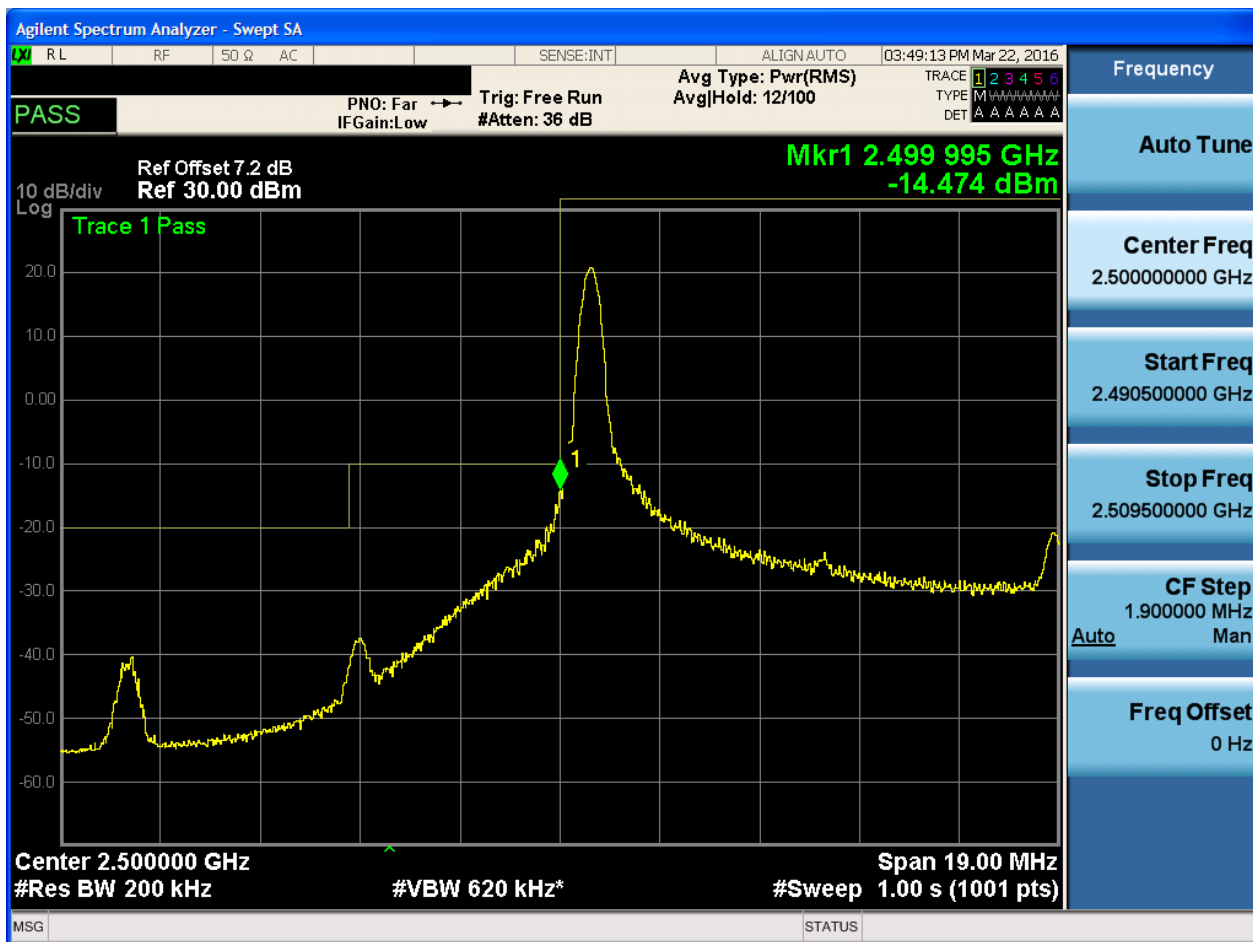




## 5.1.1.2.2 Test Bandwidth = 10

## 5.1.1.2.2.1 Test Channel = LCH

## 5.1.1.2.2.1.1 Test RB = RB1#0



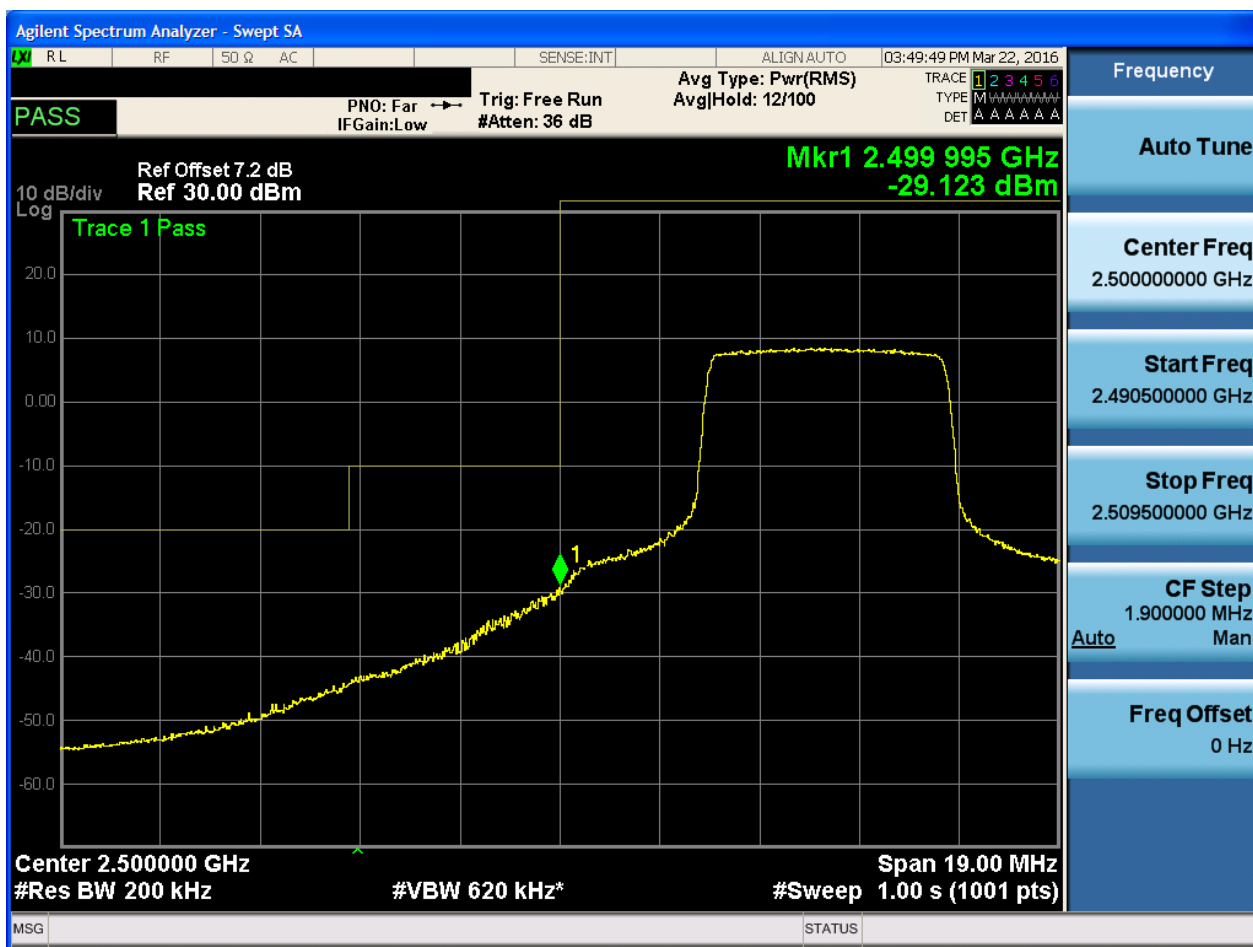


## 5.1.1.2.2.1.2 Test RB = RB1#49



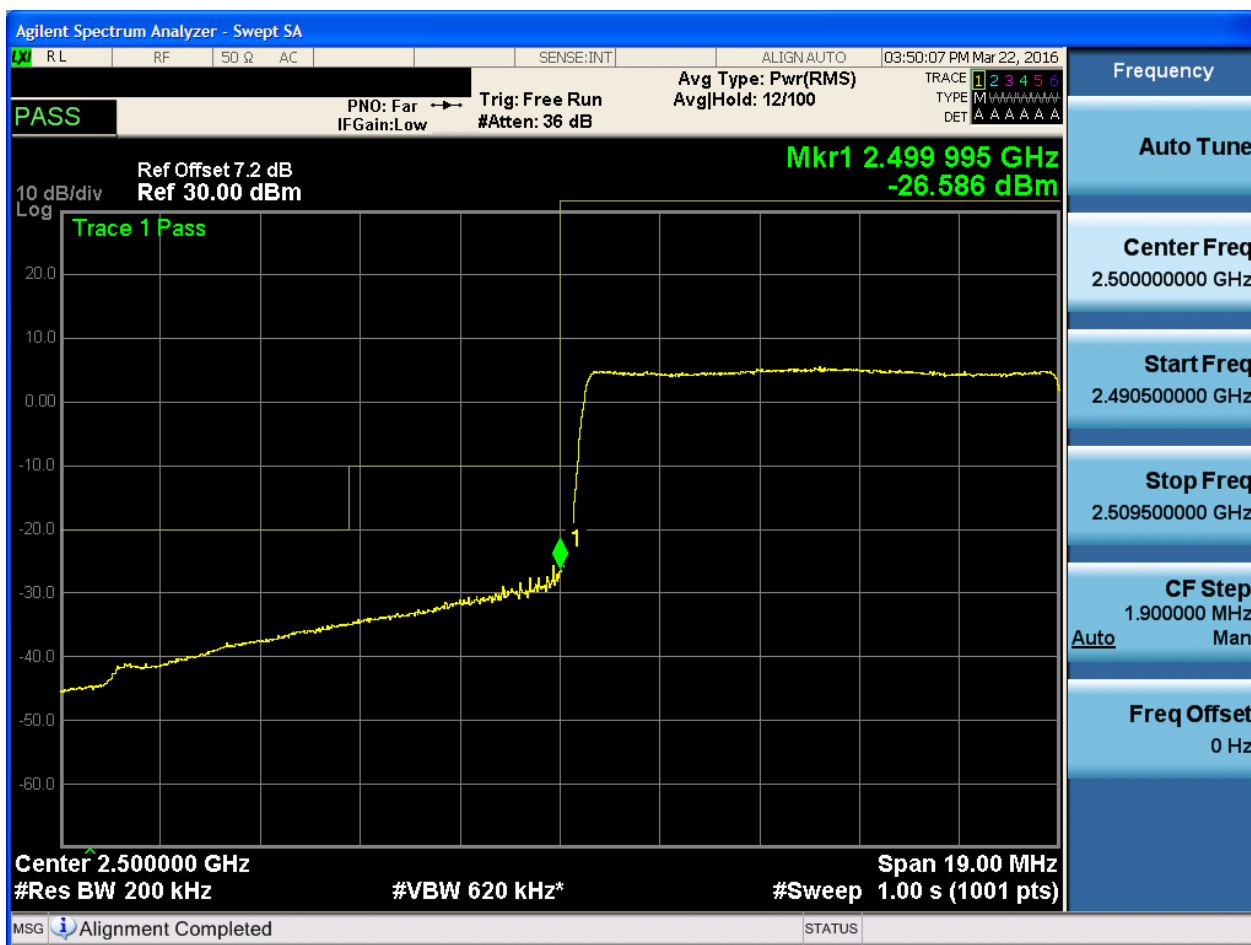


## 5.1.1.2.2.1.3 Test RB = RB25#13





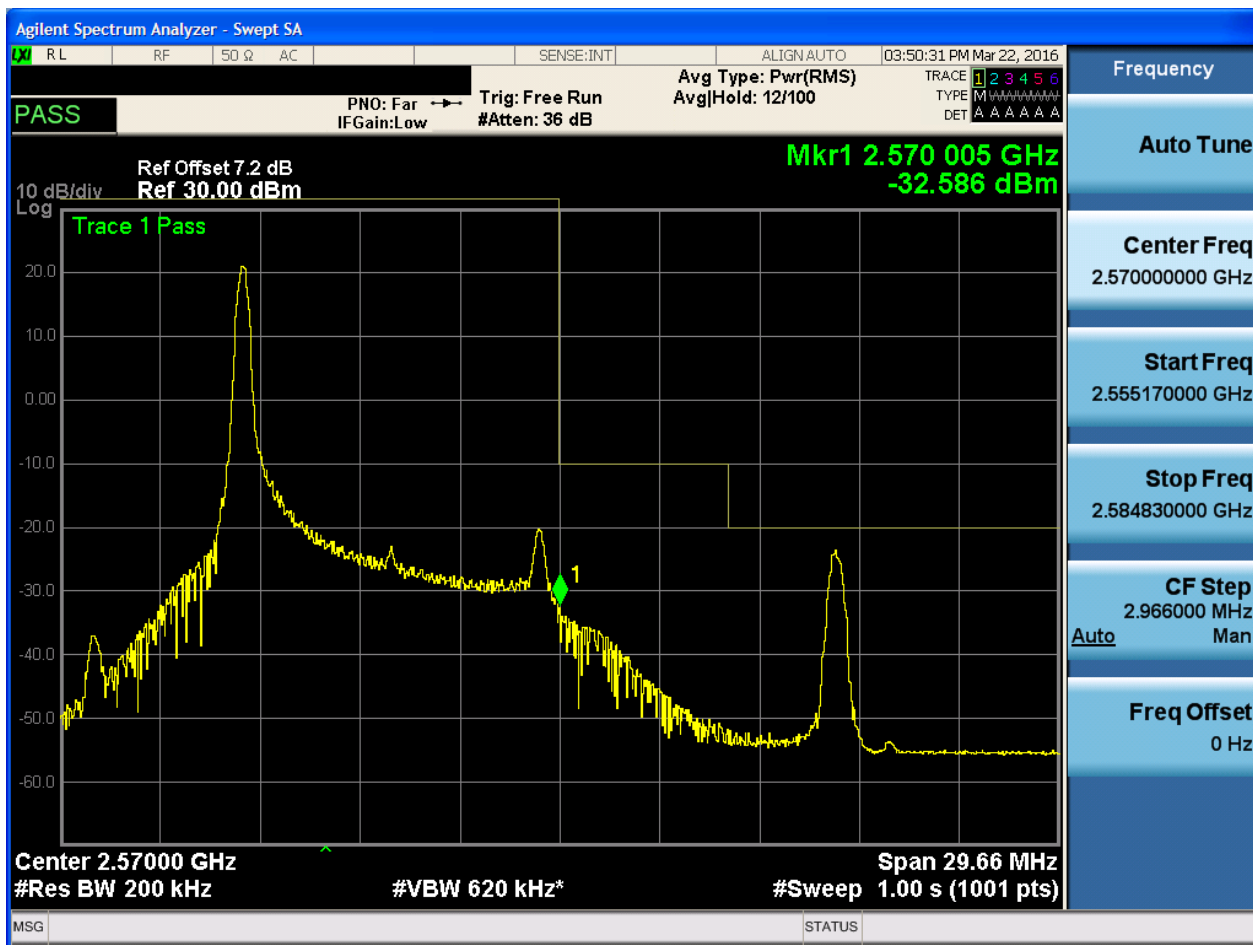
## 5.1.1.2.2.1.4 Test RB = RB50#0





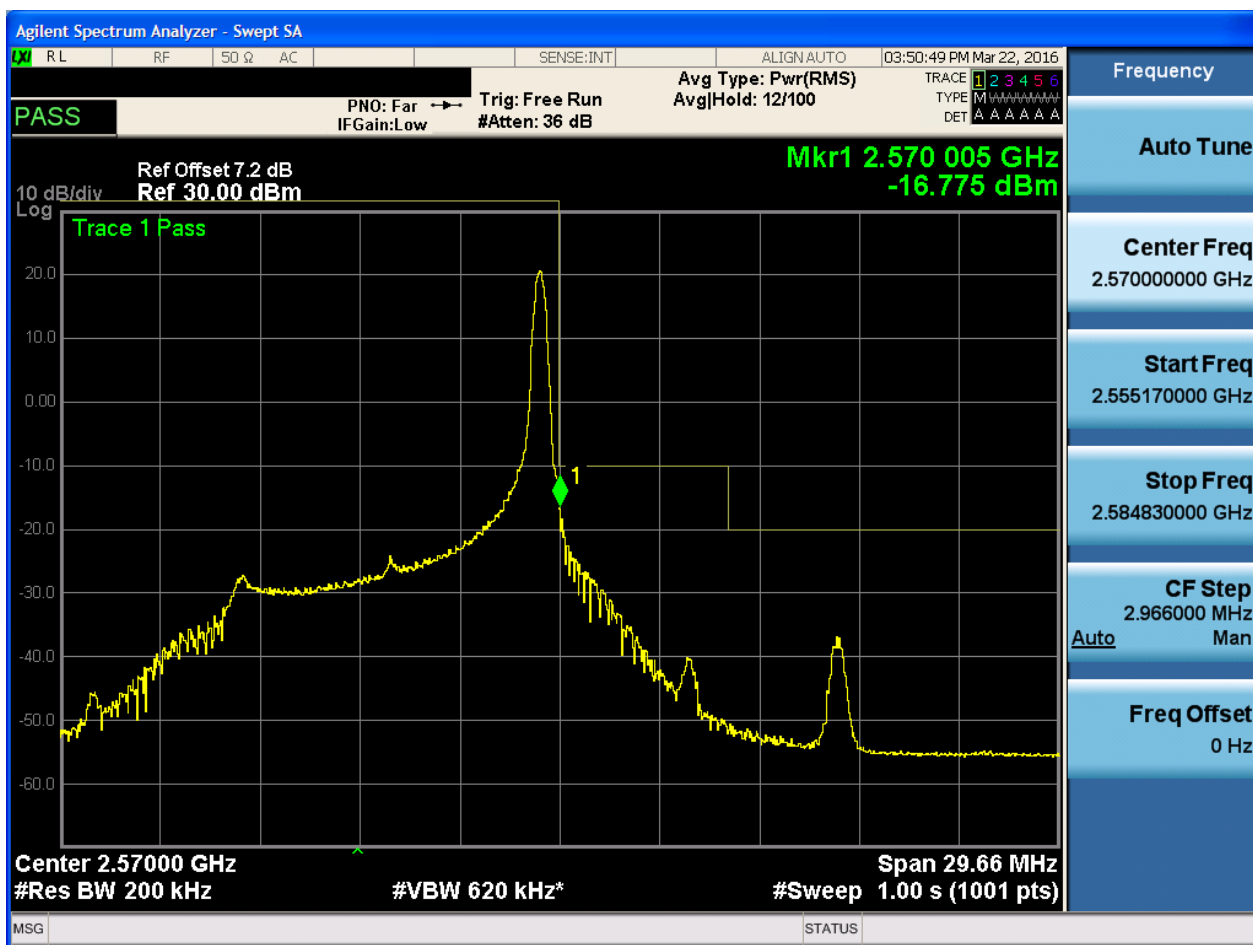
## 5.1.1.2.2.2 Test Channel = HCH

## 5.1.1.2.2.2.1 Test RB = RB1#0



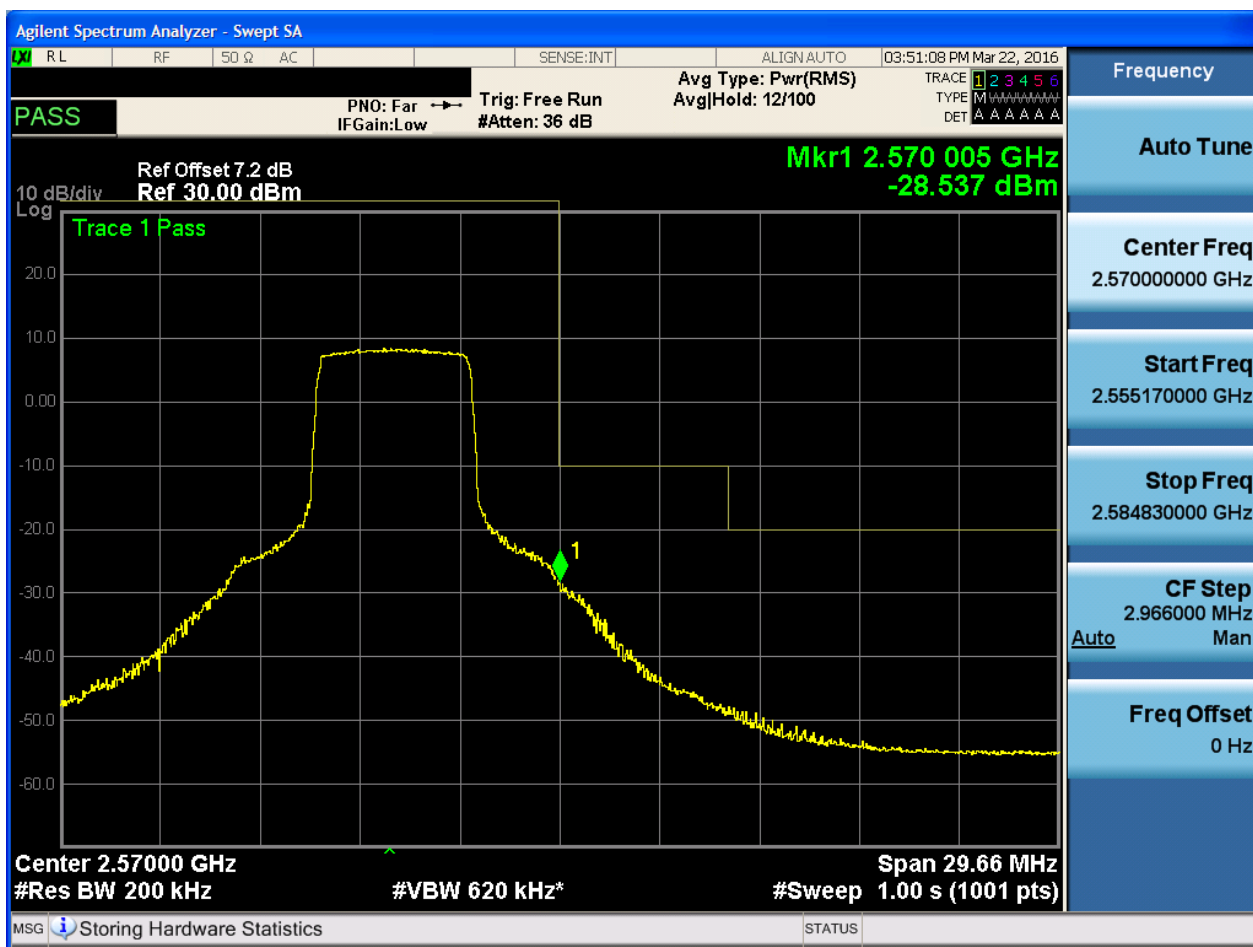


## 5.1.1.2.2.2 Test RB = RB1#49





## 5.1.1.2.2.3 Test RB = RB25#13





## 5.1.1.2.2.4 Test RB = RB50#0

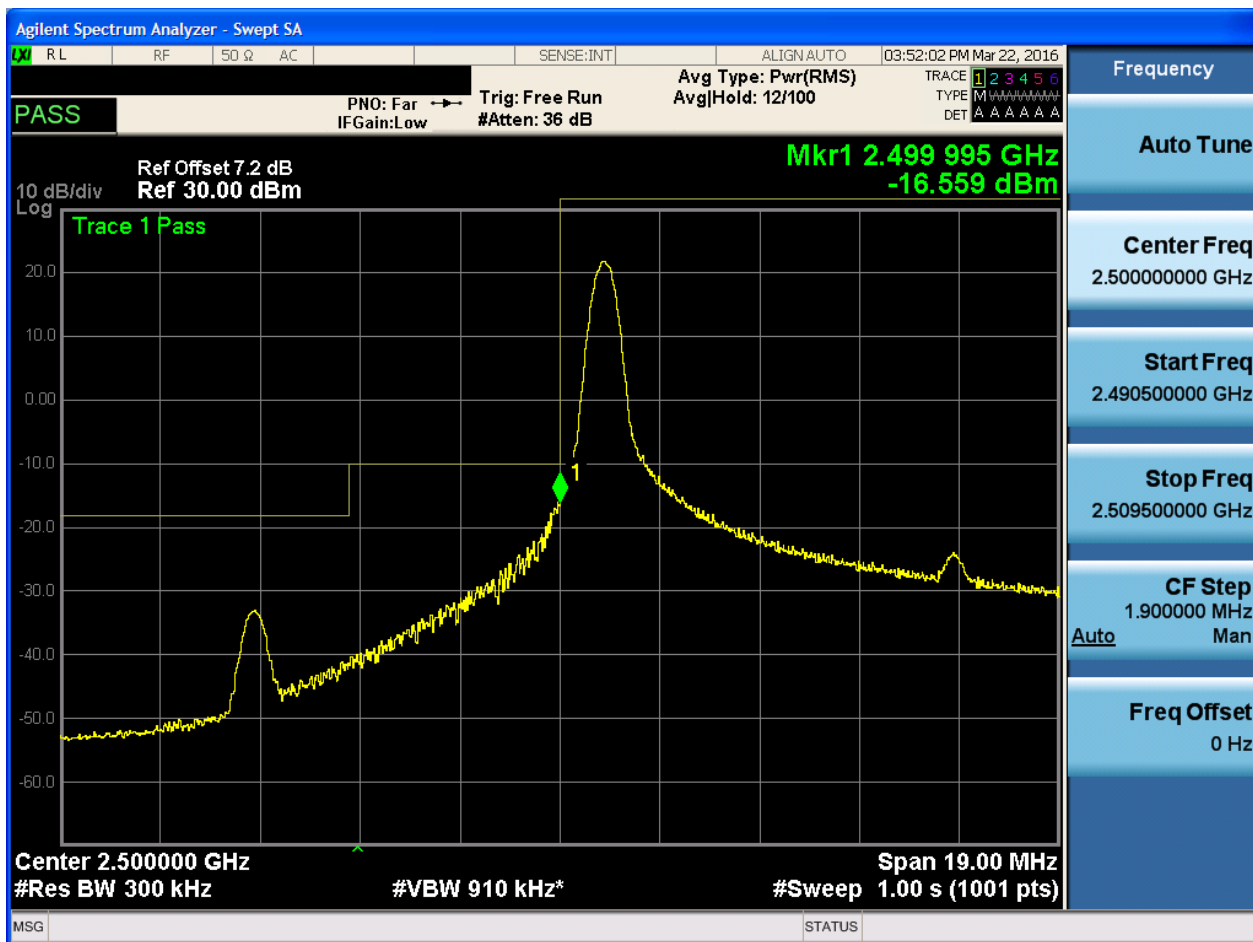




## 5.1.1.2.3 Test Bandwidth = 15

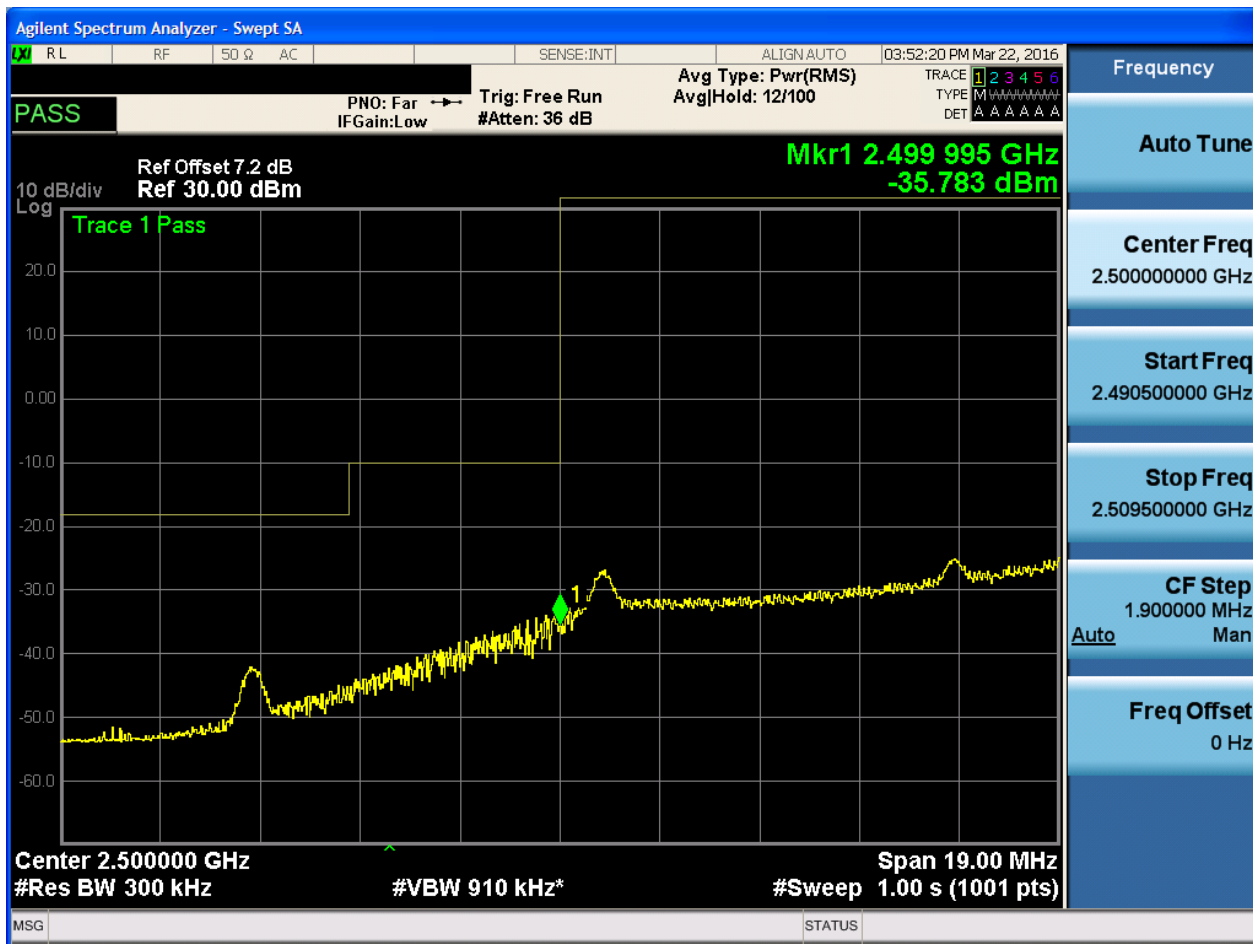
## 5.1.1.2.3.1 Test Channel = LCH

## 5.1.1.2.3.1.1 Test RB = RB1#0





## 5.1.1.2.3.1.2 Test RB = RB1#74



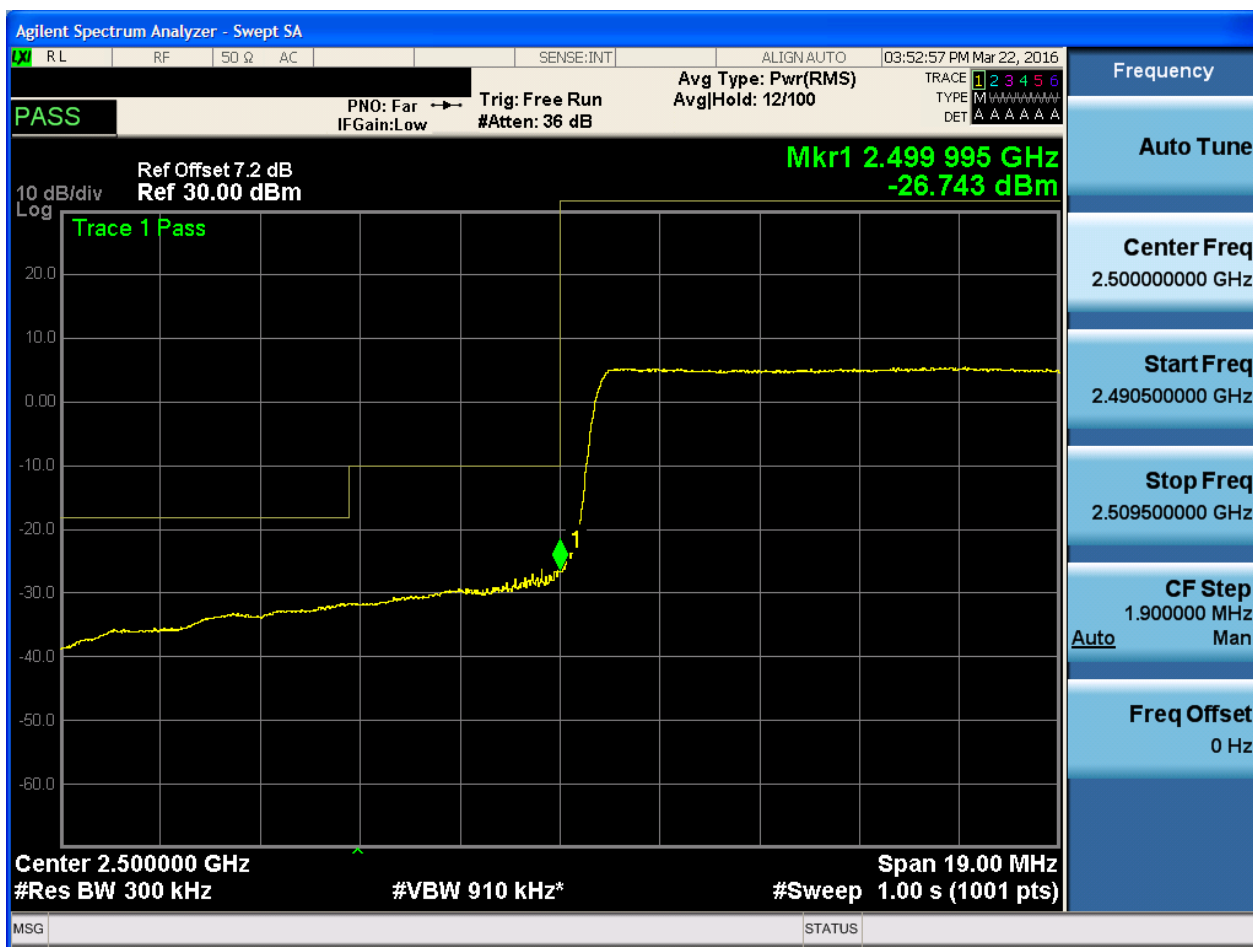


## 5.1.1.2.3.1.3 Test RB = RB36#18



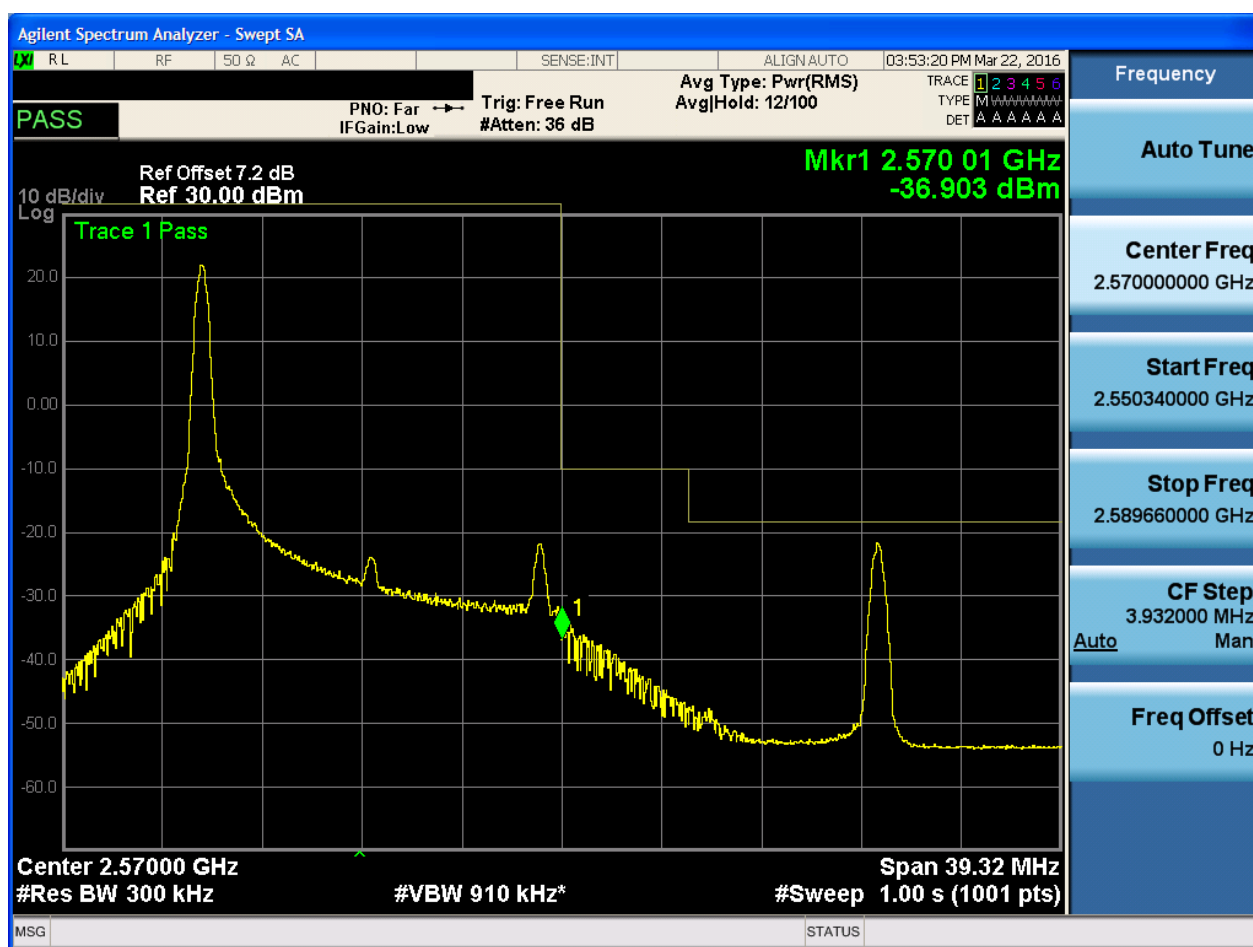


## 5.1.1.2.3.1.4 Test RB = RB75#0



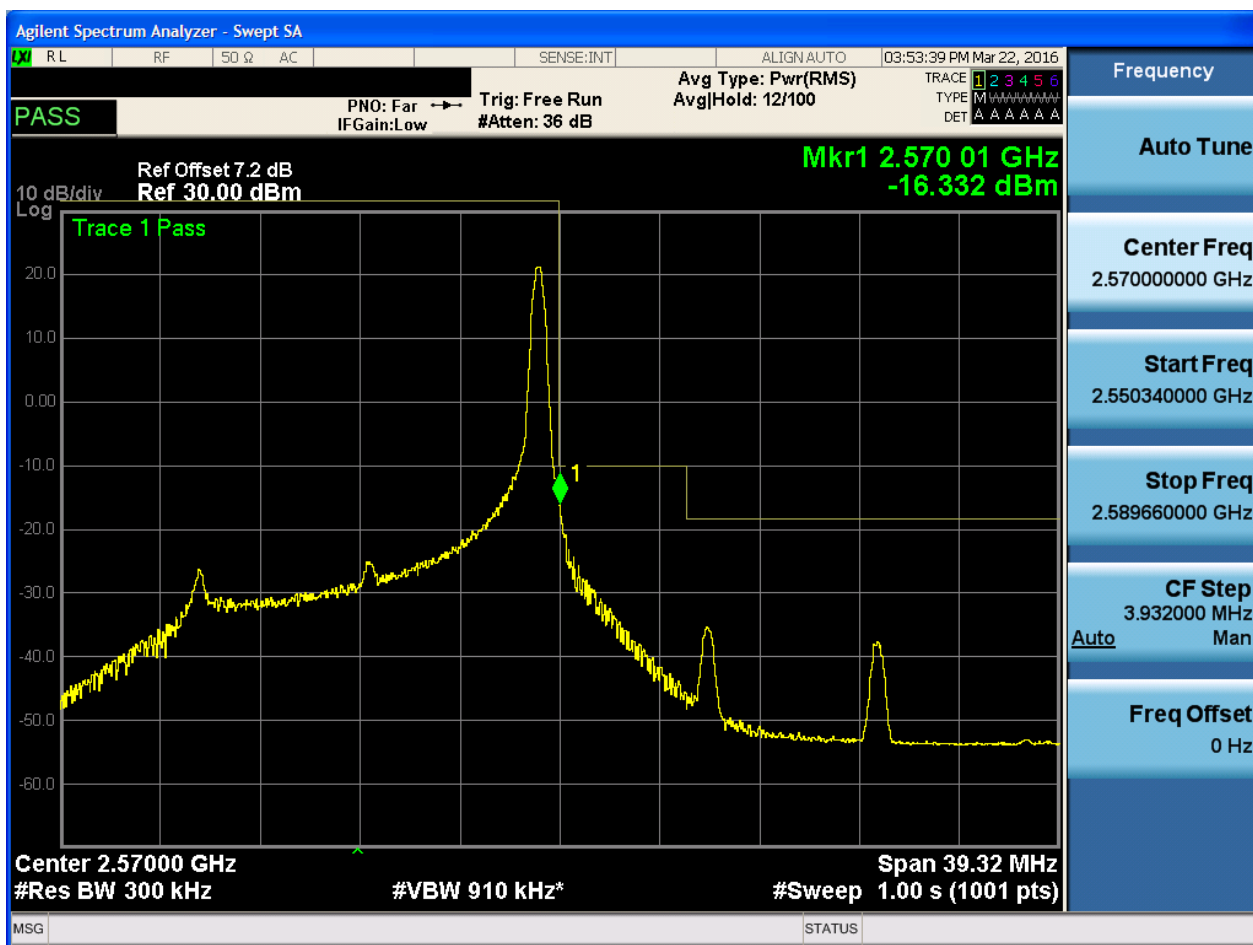
#### 5.1.1.2.3.2 Test Channel = HCH

#### 5.1.1.2.3.2.1 Test RB = RB1#0



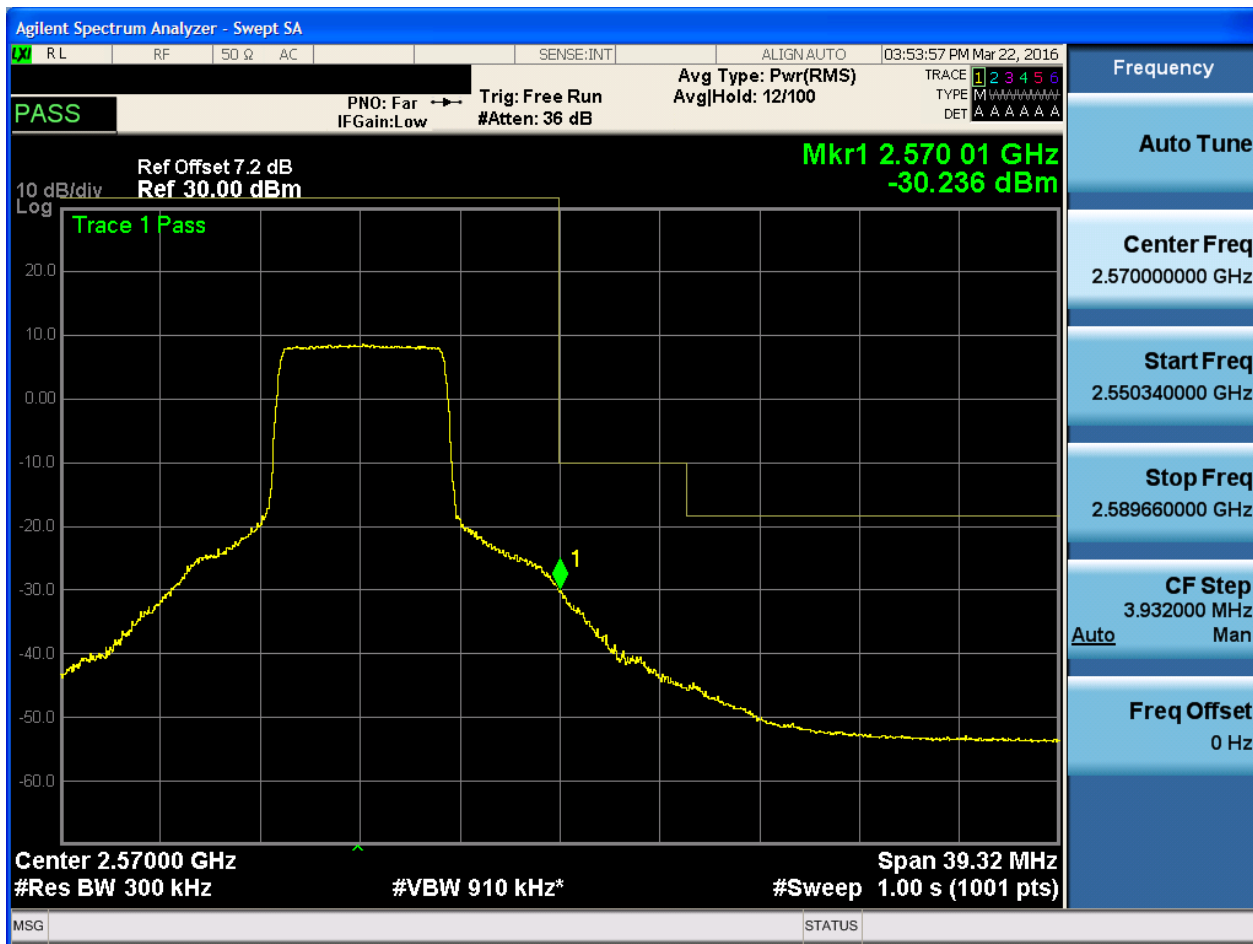


## 5.1.1.2.3.2.2 Test RB = RB1#74





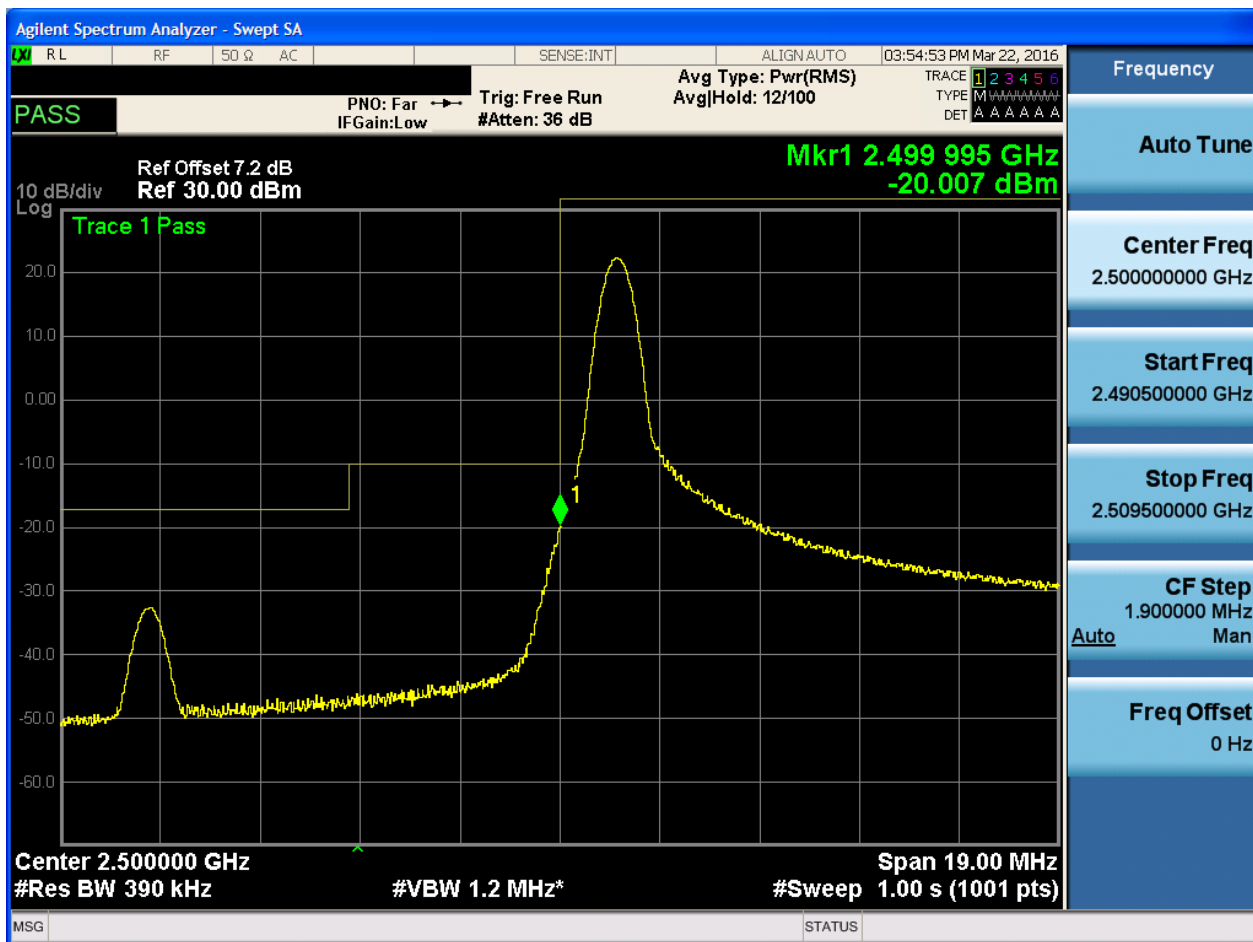
## 5.1.1.2.3.2.3 Test RB = RB36#18



[illegible]

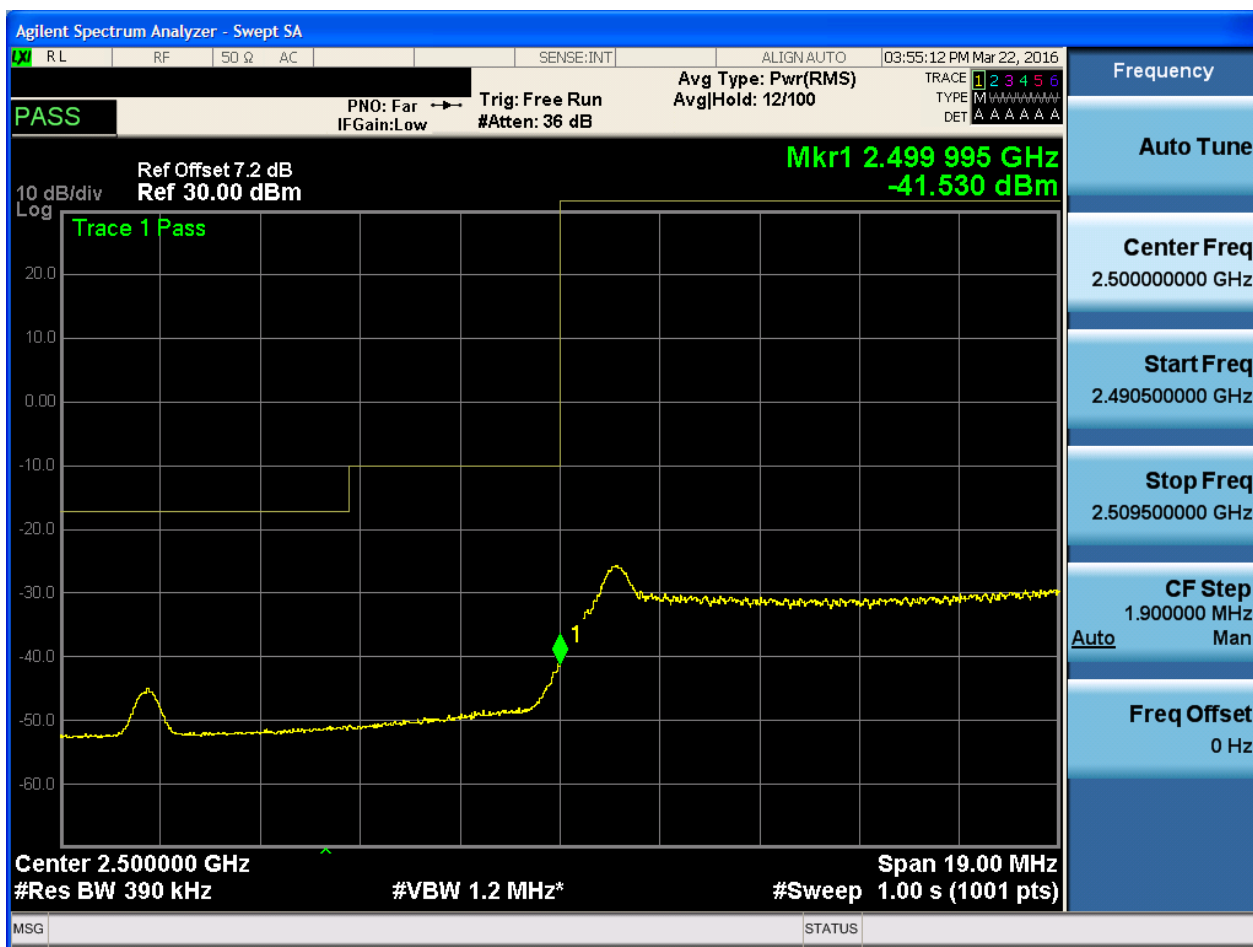


#### 5.1.1.2.4.1.1 Test RB = RB1#0





## 5.1.1.2.4.1.2 Test RB = RB1#99



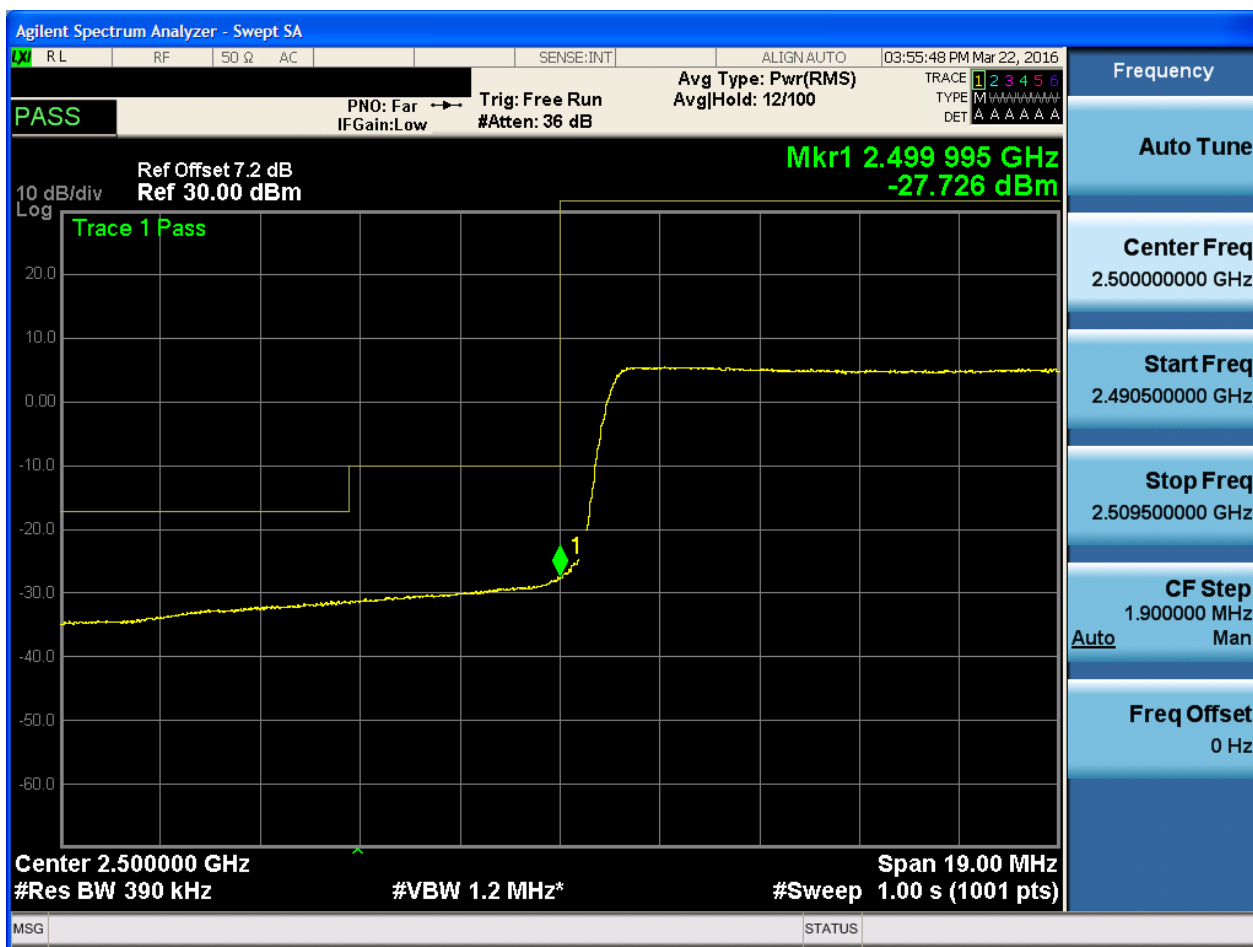


## 5.1.1.2.4.1.3 Test RB = RB50#25





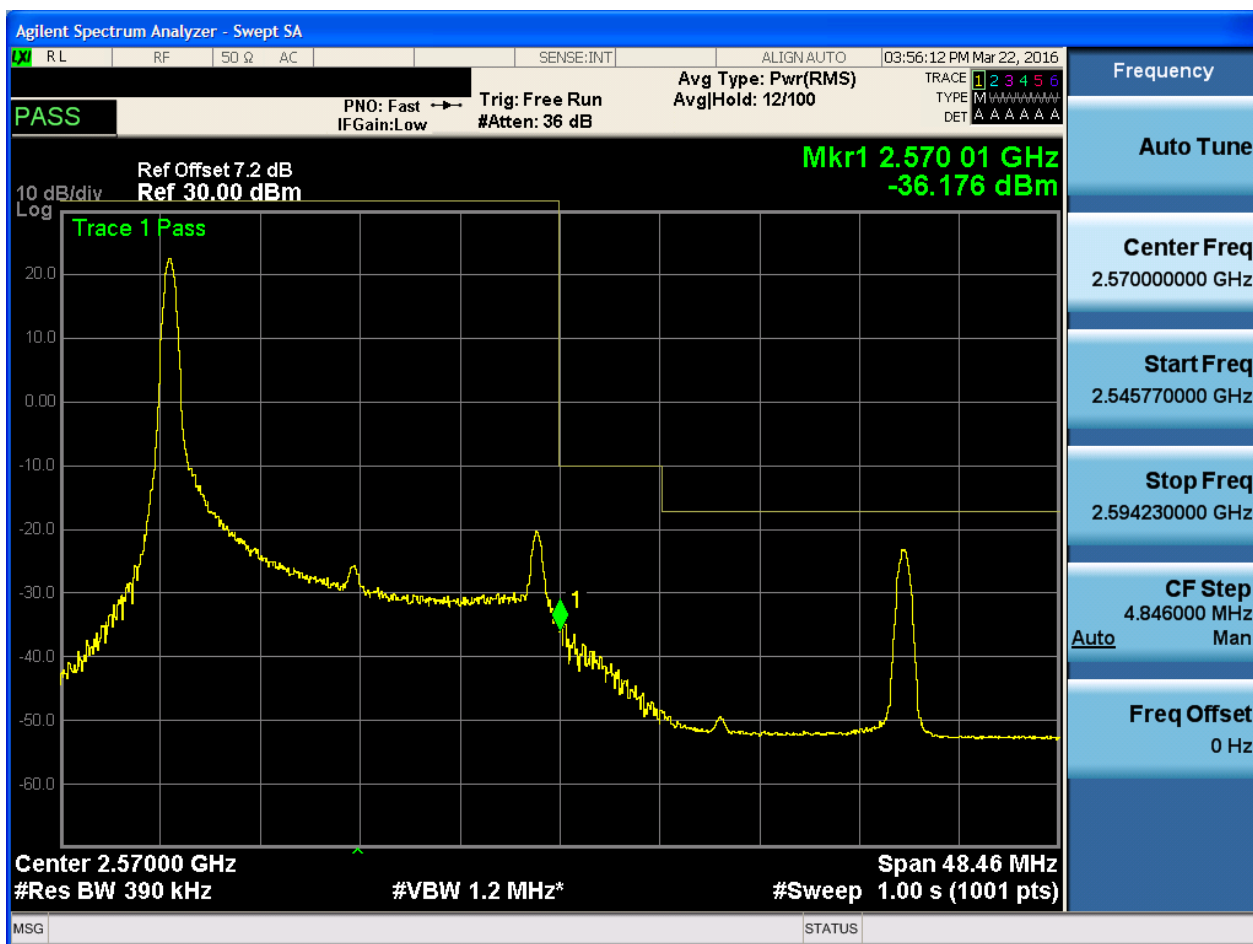
## 5.1.1.2.4.1.4 Test RB = RB100#0





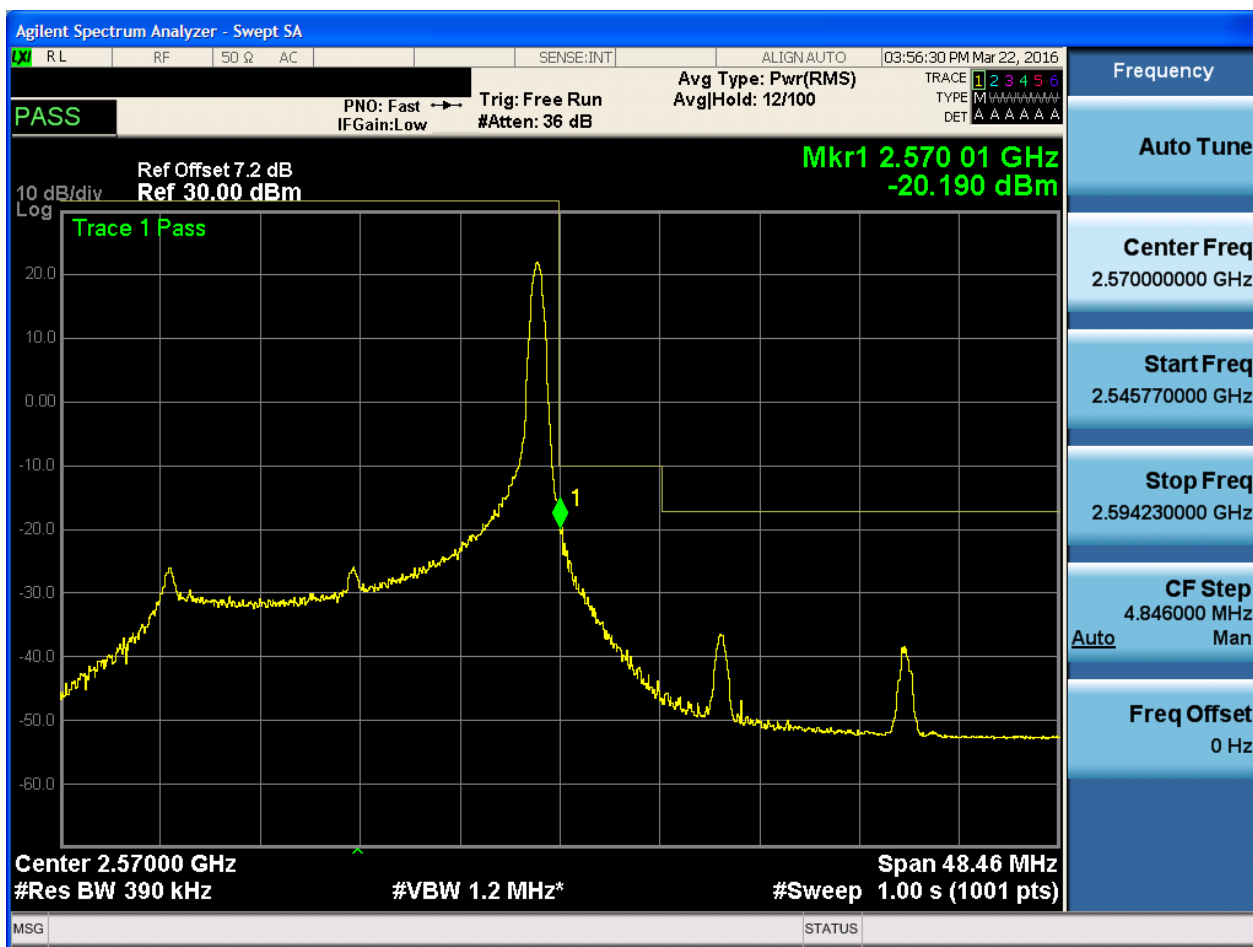
## 5.1.1.2.4.2 Test Channel = HCH

## 5.1.1.2.4.2.1 Test RB = RB1#0





## 5.1.1.2.4.2.2 Test RB = RB1#99





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 03:56:48 PM Mar 22, 2016

PASS PNO: Fast Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6  
IFGain: Low #Atten: 36 dB AvgHold: 12/100 TYPE M W W W W W W W  
DET A A A A A A

Ref Offset 7.2 dB Mkr1 2.570 01 GHz  
Ref 30.00 dBm -30.097 dBm

10 dB/div Log

Trace 1 Pass

Center 2.57000 GHz Span 48.46 MHz  
#Res BW 390 kHz #VBW 1.2 MHz\* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
2.57000000 GHz

Start Freq  
2.545770000 GHz

Stop Freq  
2.594230000 GHz

CF Step  
4.846000 MHz  
Man

Auto

Freq Offset  
0 Hz



## 5.1.1.2.4.2.4 Test RB = RB100#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

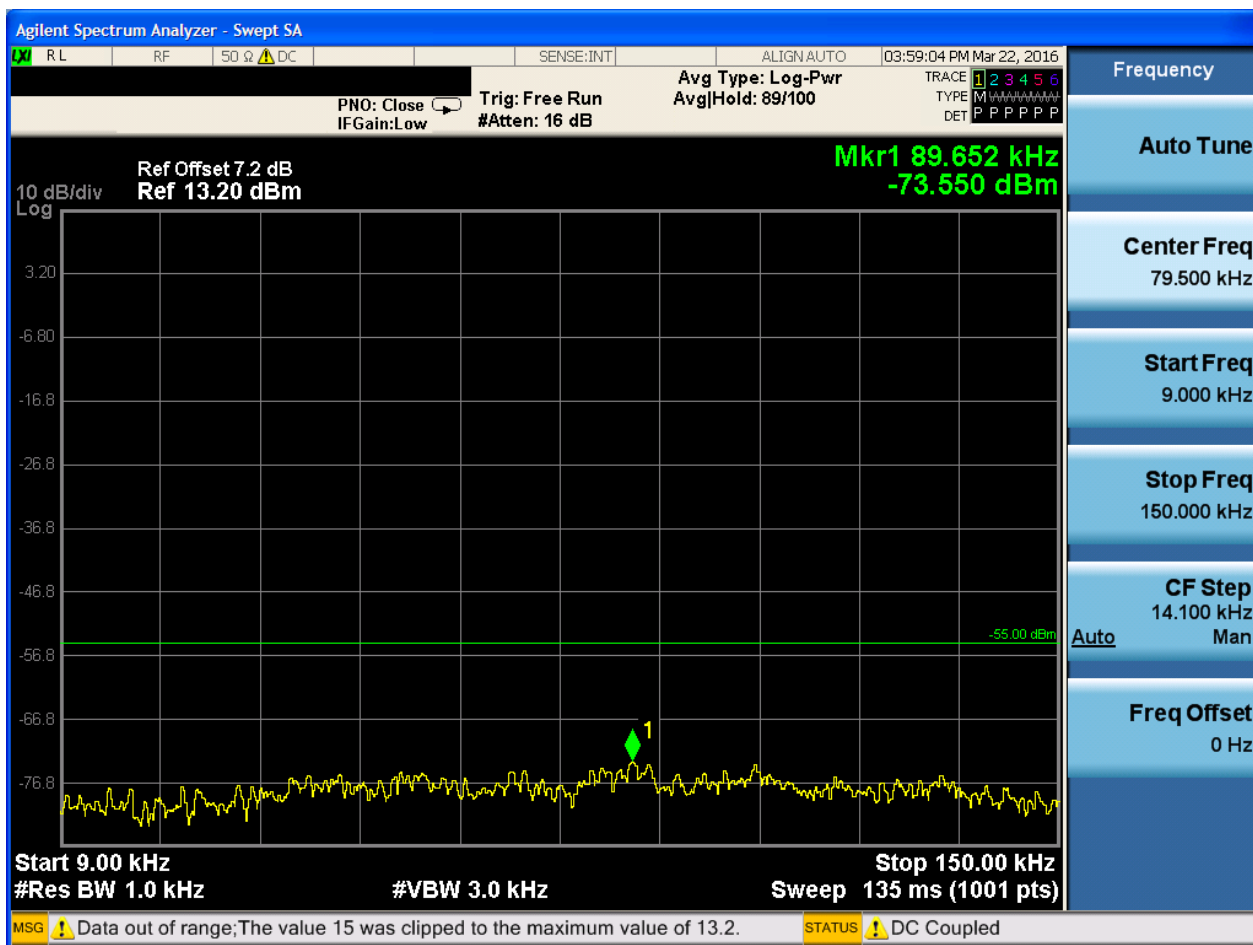
##### 6.1.1 Test Band = BAND7

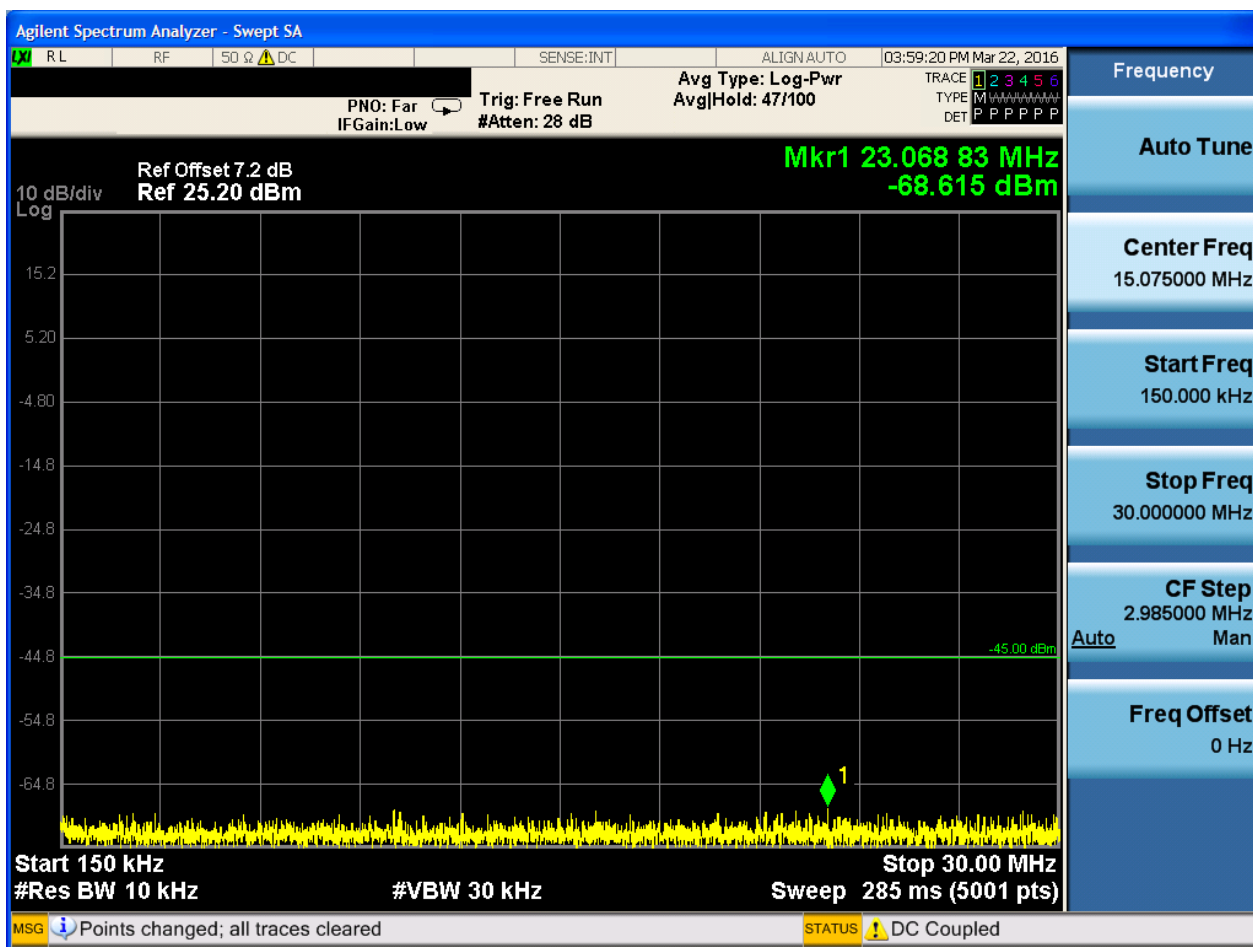
##### 6.1.1.1 Test Mode = LTE/TM1

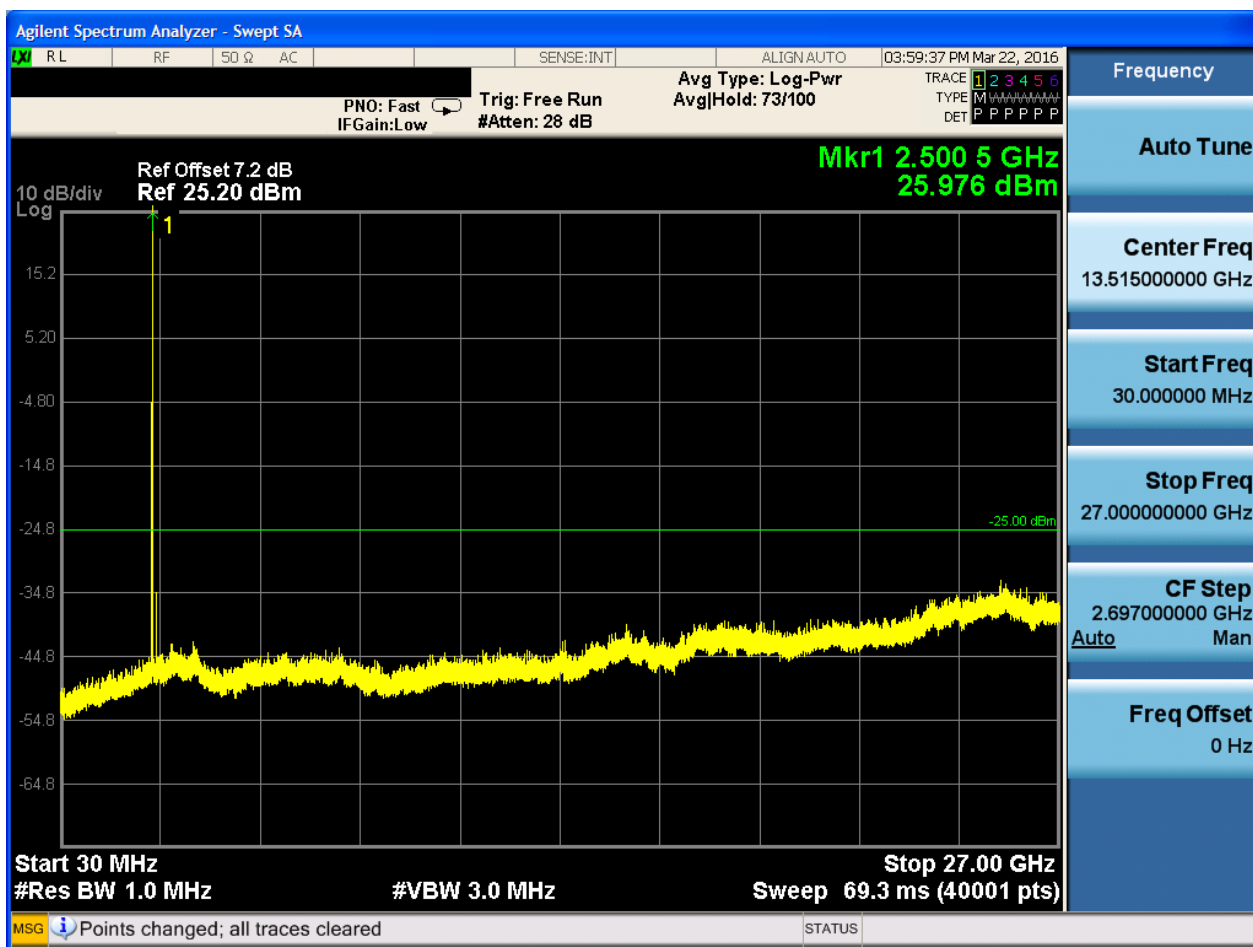
##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

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

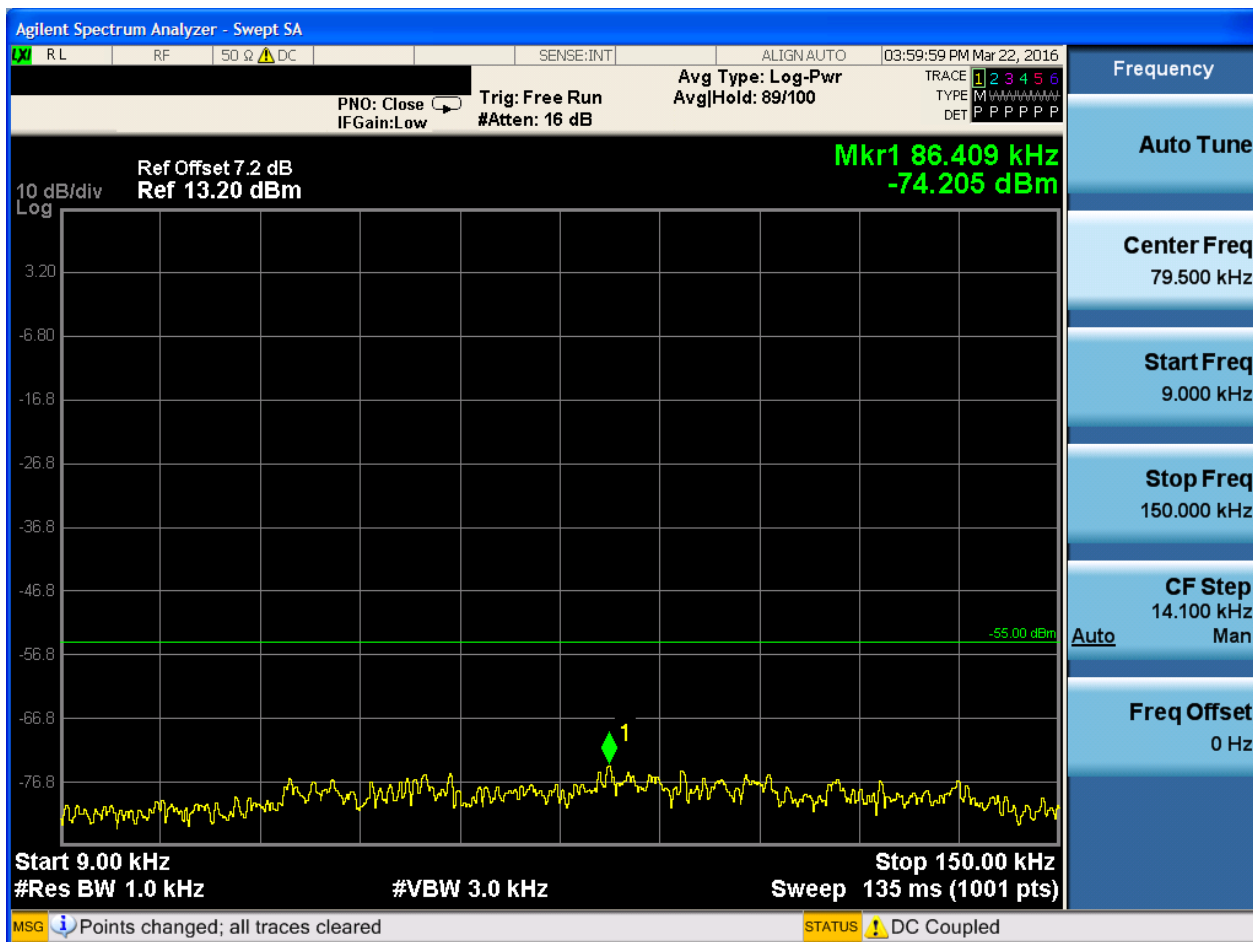


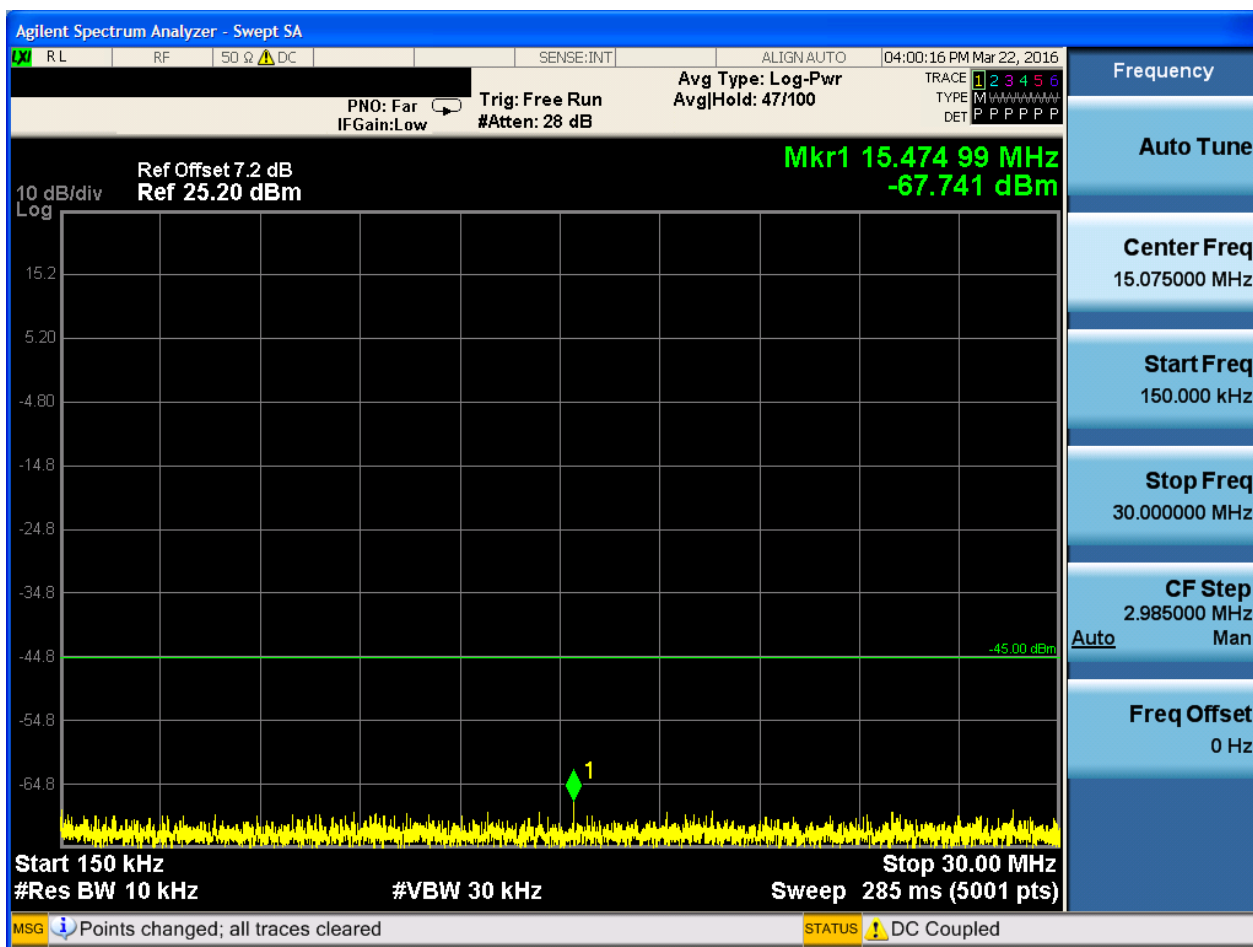


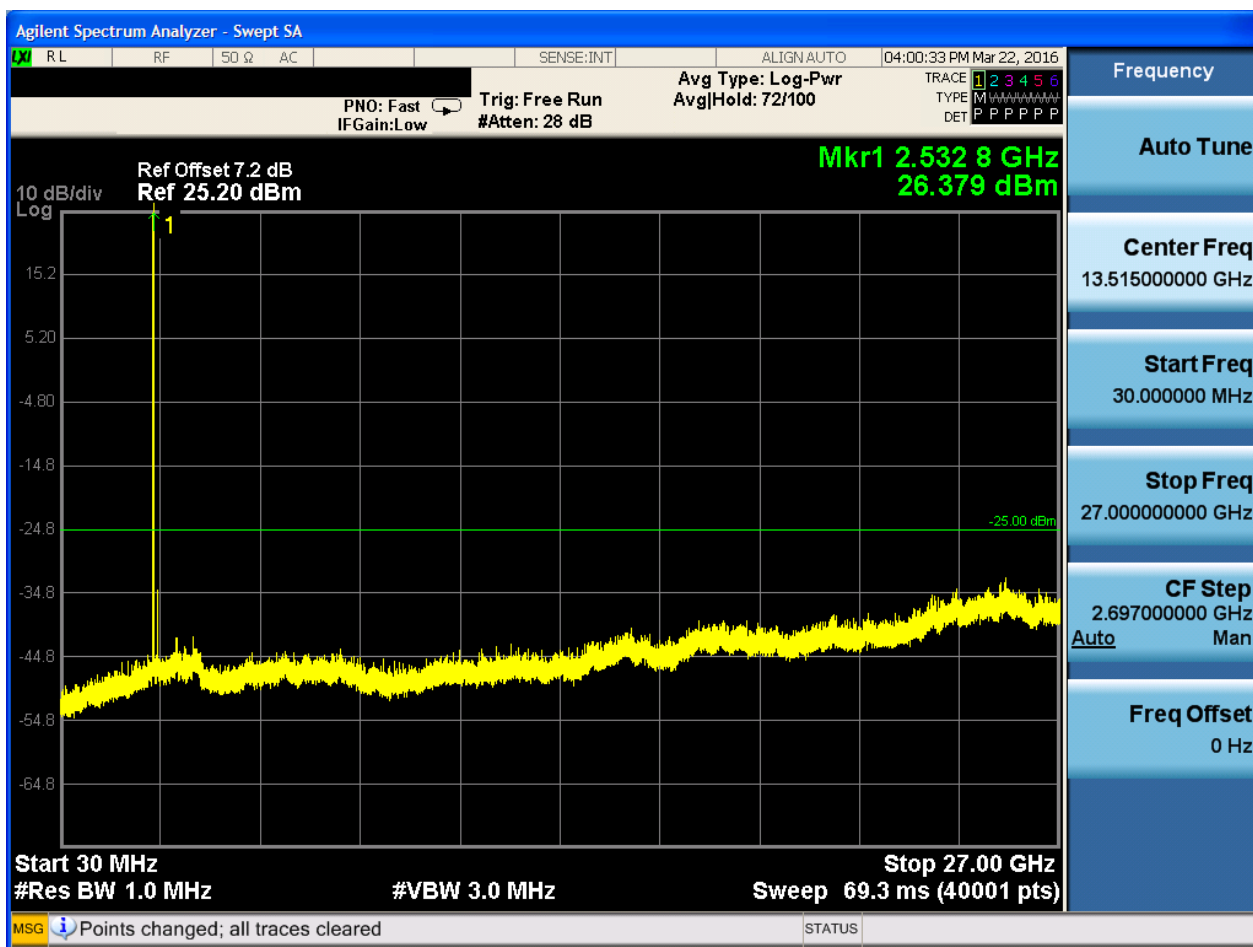


### 6.1.1.1.1.2 Test Channel = MCH

#### 6.1.1.1.1.2.1 Test RB = RB1#0

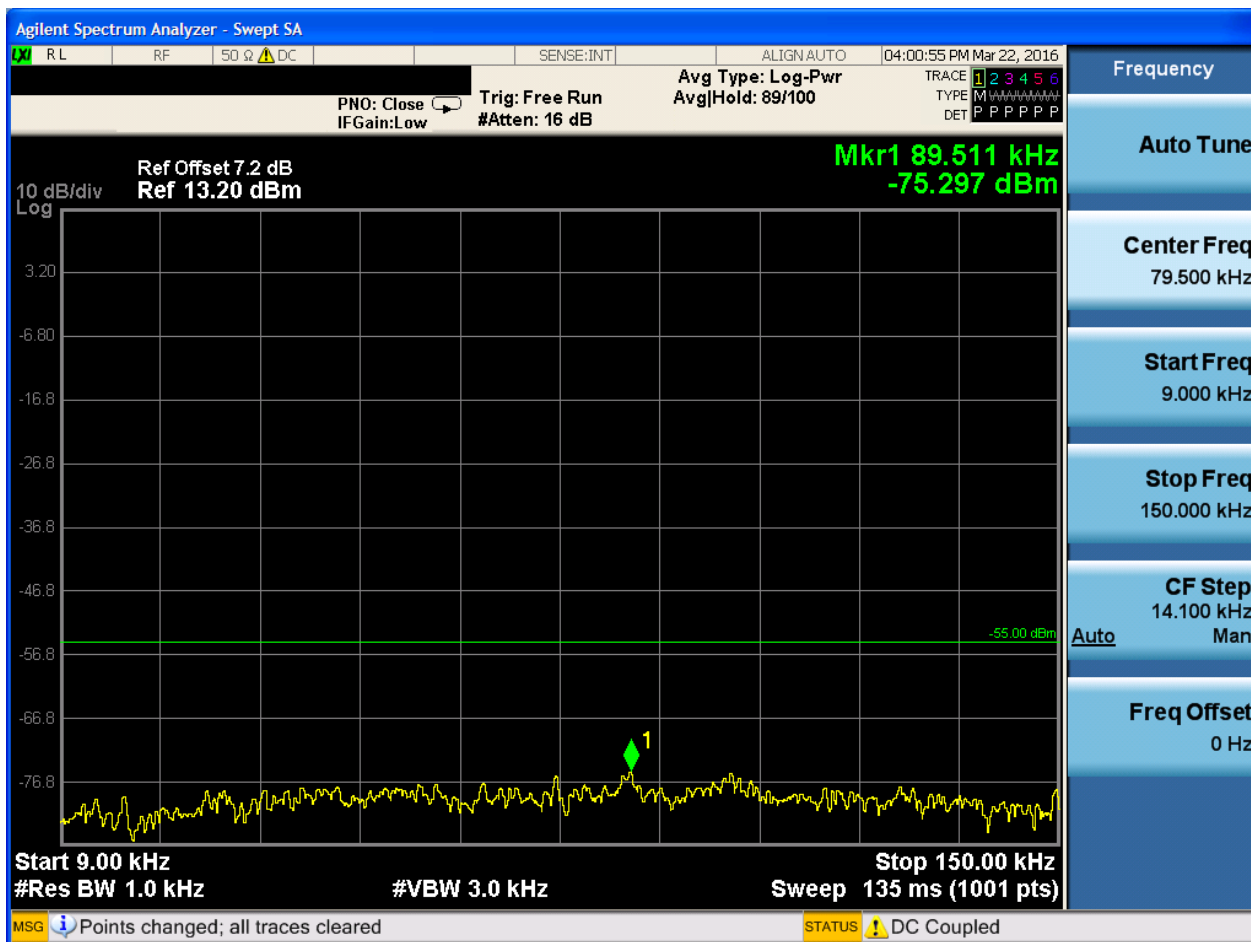




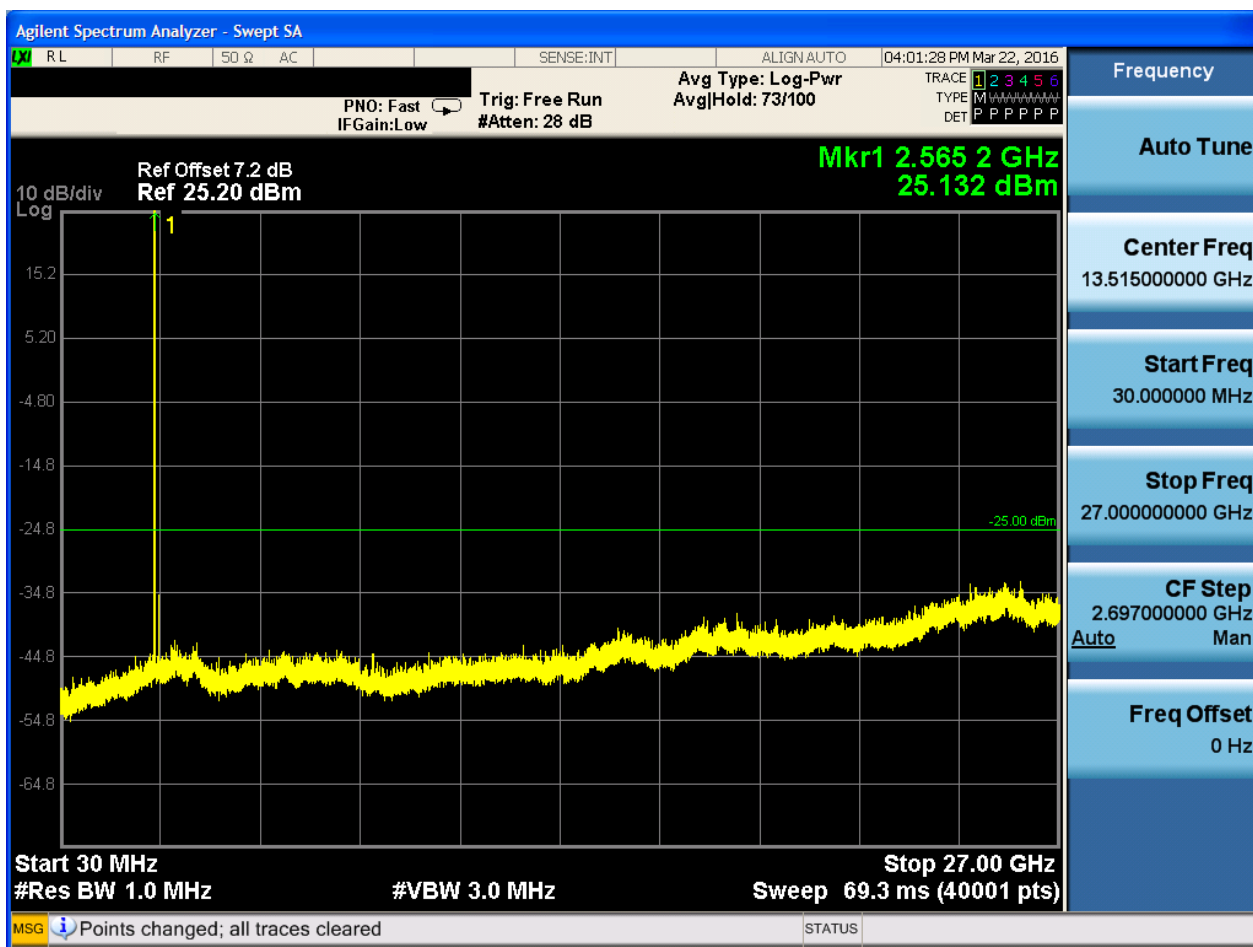


### 6.1.1.1.1.3 Test Channel = HCH

#### 6.1.1.1.1.3.1 Test RB = RB1#0









## 6.1.1.1.2 Test Bandwidth = 10

## 6.1.1.1.2.1 Test Channel = LCH

## 6.1.1.1.2.1.1 Test RB = RB1#0

