



## 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 |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 23             | 21.6       | 30          | PASS    |
|                |           |                |              | RB1#3   | 23.01          | 21.61      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.89          | 21.49      | 30          | PASS    |
|                |           |                |              | RB3#0   | 23             | 21.6       | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.99          | 21.59      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.96          | 21.56      | 30          | PASS    |
|                |           |                | MCH          | RB6#0   | 22.07          | 20.67      | 30          | PASS    |
|                |           |                |              | RB1#0   | 22.76          | 21.36      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.85          | 21.45      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.78          | 21.38      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.81          | 21.41      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.83          | 21.43      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.78          | 21.38      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB6#0   | 21.9           | 20.5       | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.75          | 21.35      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.76          | 21.36      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.63          | 21.23      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.81          | 21.41      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.76          | 21.36      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.68          | 21.28      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.85          | 20.45      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.91          | 21.51      | 30          | PASS    |
|                |           |                |              | RB1#7   | 23.05          | 21.65      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.72          | 21.32      | 30          | PASS    |
|                |           |                |              | RB8#0   | 22.14          | 20.74      | 30          | PASS    |
|                |           |                |              | RB8#4   | 22.15          | 20.75      | 30          | PASS    |
|                |           |                |              | RB8#7   | 22.08          | 20.68      | 30          | PASS    |
|                |           |                |              | RB15#0  | 22.12          | 20.72      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.68          | 21.28      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.93          | 21.53      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#14  | 22.65          | 21.25      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.96          | 20.56      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.99          | 20.59      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.94          | 20.54      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.95          | 20.55      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.81          | 21.41      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.9           | 21.5       | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.56          | 21.16      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.99          | 20.59      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.95          | 20.55      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.79          | 20.39      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.92          | 20.52      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.87          | 21.47      | 30          | PASS    |
|                |           |                |              | RB1#13  | 23.08          | 21.68      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.53          | 21.13      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.17          | 20.77      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.23          | 20.83      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB12#13 | 21.96          | 20.56      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.02          | 20.62      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.56          | 21.16      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.92          | 21.52      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.54          | 21.14      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.94          | 20.54      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.04          | 20.64      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.86          | 20.46      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.91          | 20.51      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.88          | 21.48      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.95          | 21.55      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.36          | 20.96      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.07          | 20.67      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.04          | 20.64      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.81          | 20.41      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.97          | 20.57      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 22.85          | 21.45      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#25  | 22.98          | 21.58      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.45          | 21.05      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.11          | 20.71      | 30          | PASS    |
|                |           |                |              | RB25#13 | 22.08          | 20.68      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.84          | 20.44      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.96          | 20.56      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.59          | 21.19      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.96          | 21.56      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.72          | 21.32      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.87          | 20.47      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.97          | 20.57      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.99          | 20.59      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.91          | 20.51      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.98          | 21.58      | 30          | PASS    |
|                |           |                |              | RB1#25  | 23.15          | 21.75      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.46          | 21.06      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.25          | 20.85      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#13 | 22.21          | 20.81      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.86          | 20.46      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.14          | 20.74      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 22.91          | 21.51      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.88          | 21.48      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.41          | 21.01      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.15          | 20.75      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.07          | 20.67      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.8           | 20.4       | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.95          | 20.55      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.59          | 21.19      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.96          | 21.56      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.88          | 21.48      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.9           | 20.5       | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.98          | 20.58      | 30          | PASS    |
|                |           |                |              | RB38#39 | 22.02          | 20.62      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22             | 20.6       | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 23.02          | 21.62      | 30          | PASS    |
|                |           |                |              | RB1#38  | 23.19          | 21.79      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.57          | 21.17      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.27          | 20.87      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.29          | 20.89      | 30          | PASS    |
|                |           |                |              | RB38#39 | 22.09          | 20.69      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22.21          | 20.81      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.9           | 21.5       | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.82          | 21.42      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.36          | 20.96      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.07          | 20.67      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.9           | 20.5       | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.75          | 20.35      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.95          | 20.55      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.63          | 21.23      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.89          | 21.49      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.84          | 21.44      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#0  | 21.87          | 20.47      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.99          | 20.59      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.97          | 20.57      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.95          | 20.55      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.82          | 21.42      | 30          | PASS    |
|                |           |                |              | RB1#50  | 23.27          | 21.87      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.54          | 21.14      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.08          | 20.68      | 30          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB50#25 | 22.28          | 20.88      | 30          | PASS    |
|                |           |                |              | RB50#50 | 22.16          | 20.76      | 30          | PASS    |
|                |           |                |              | RB100#0 | 22.09          | 20.69      | 30          | PASS    |
|                |           |                |              | RB1#0   | 22.03          | 20.63      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.35          | 20.95      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.01          | 20.61      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.06          | 20.66      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.06          | 20.66      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.02          | 20.62      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB6#0   | 21.24          | 19.84      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.9           | 20.5       | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.96          | 20.56      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.91          | 20.51      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.92          | 20.52      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.82          | 20.42      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.84          | 20.44      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.93          | 19.53      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.84          | 20.44      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.87          | 20.47      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.76          | 20.36      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.83          | 20.43      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.76          | 20.36      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.91          | 20.51      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.99          | 19.59      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22             | 20.6       | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.24          | 20.84      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#14  | 21.89          | 20.49      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.15          | 19.75      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.15          | 19.75      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.07          | 19.67      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.04          | 19.64      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.9           | 20.5       | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.12          | 20.72      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.69          | 20.29      | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.84          | 19.44      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.84          | 19.44      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.82          | 19.42      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.84          | 19.44      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.99          | 20.59      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.94          | 20.54      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.67          | 20.27      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.06          | 19.66      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.98          | 19.58      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB8#7   | 20.88          | 19.48      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.88          | 19.48      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.02          | 20.62      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.27          | 20.87      | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.74          | 20.34      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.16          | 19.76      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.21          | 19.81      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.99          | 19.59      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.01          | 19.61      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.77          | 20.37      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.08          | 20.68      | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.77          | 20.37      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.87          | 19.47      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.98          | 19.58      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.78          | 19.38      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.85          | 19.45      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.99          | 20.59      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#13  | 21.96          | 20.56      | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.43          | 20.03      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.17          | 19.77      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.1           | 19.7       | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.85          | 19.45      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.97          | 19.57      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 21.88          | 20.48      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.06          | 20.66      | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.5           | 20.1       | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.09          | 19.69      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.07          | 19.67      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.82          | 19.42      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.92          | 19.52      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.81          | 20.41      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.14          | 20.74      | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.92          | 20.52      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.76          | 19.36      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#13 | 20.88          | 19.48      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.83          | 19.43      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.84          | 19.44      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.18          | 20.78      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.3           | 20.9       | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.57          | 20.17      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.27          | 19.87      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.19          | 19.79      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.82          | 19.42      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.09          | 19.69      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 22.18          | 20.78      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.15          | 20.75      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.71          | 20.31      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.08          | 19.68      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.06          | 19.66      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.82          | 19.42      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.91          | 19.51      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.85          | 20.45      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.06          | 20.66      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.14          | 20.74      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.84          | 19.44      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.85          | 19.45      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.9           | 19.5       | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.86          | 19.46      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.2           | 20.8       | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.43          | 21.03      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.76          | 20.36      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.24          | 19.84      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.34          | 19.94      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.02          | 19.62      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.13          | 19.73      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.22          | 20.82      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.09          | 20.69      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.73          | 20.33      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#0  | 21.03          | 19.63      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.91          | 19.51      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.7           | 19.3       | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.94          | 19.54      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.8           | 20.4       | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.09          | 20.69      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.94          | 20.54      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.88          | 19.48      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.95          | 19.55      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.87          | 19.47      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.8           | 19.4       | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.11          | 20.71      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.6           | 21.2       | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.77          | 20.37      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.09          | 19.69      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.23          | 19.83      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.11          | 19.71      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB100#0 | 21.13          | 19.73      | 30          | 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:

$$\text{SET Span} = 1.5 \times \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 \times \text{RBW}$$

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 |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND4              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.39         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.68         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.64         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.06         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.08         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.07         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.46         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.42         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.94         | 13         | PASS    |
|                    |           |                      | 3            | LCH     | RB6#0        | 5.59       | 13      |
|                    |           | RB1#0                |              |         | 4.38         | 13         | PASS    |
|                    |           | RB1#7                |              |         | 4.11         | 13         | PASS    |
|                    |           | RB1#14               |              |         | 4.41         | 13         | PASS    |
|                    |           | RB8#0                |              |         | 5.37         | 13         | PASS    |
|                    |           | RB8#4                |              |         | 5.33         | 13         | PASS    |
|                    |           | RB8#7                |              |         | 5.43         | 13         | PASS    |
|                    |           | RB15#0               |              | 5.52    | 13           | PASS       |         |
|                    |           | MCH                  |              | RB1#0   | 4.42         | 13         | PASS    |
|                    |           |                      | RB1#7        | 4.22    | 13           | PASS       |         |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#14  | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.59         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.23         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.41         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.63         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.38         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.58         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.66         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.39         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.52         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.77         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.94         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.42         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.56         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.36         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#25  | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.89         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.83         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.52         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.03         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.3          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.25         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.41         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.52         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.05         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.34         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.16         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.67         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.96         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.19         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.72         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.1          | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5            | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.19         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.01         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.52         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.01         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 3                    | LCH          | RB1#0   | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6            | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6            | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.43         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.47         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.35         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.51         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.34         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.21         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB12#6  | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.4          | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.68         | 13         | PASS    |
|                    |           | 10                   | MCH          | RB1#0   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.37         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.66         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.1          | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.81         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.66         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.27         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#38  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.88         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5            | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.37         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.75         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.72         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.48         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.89         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

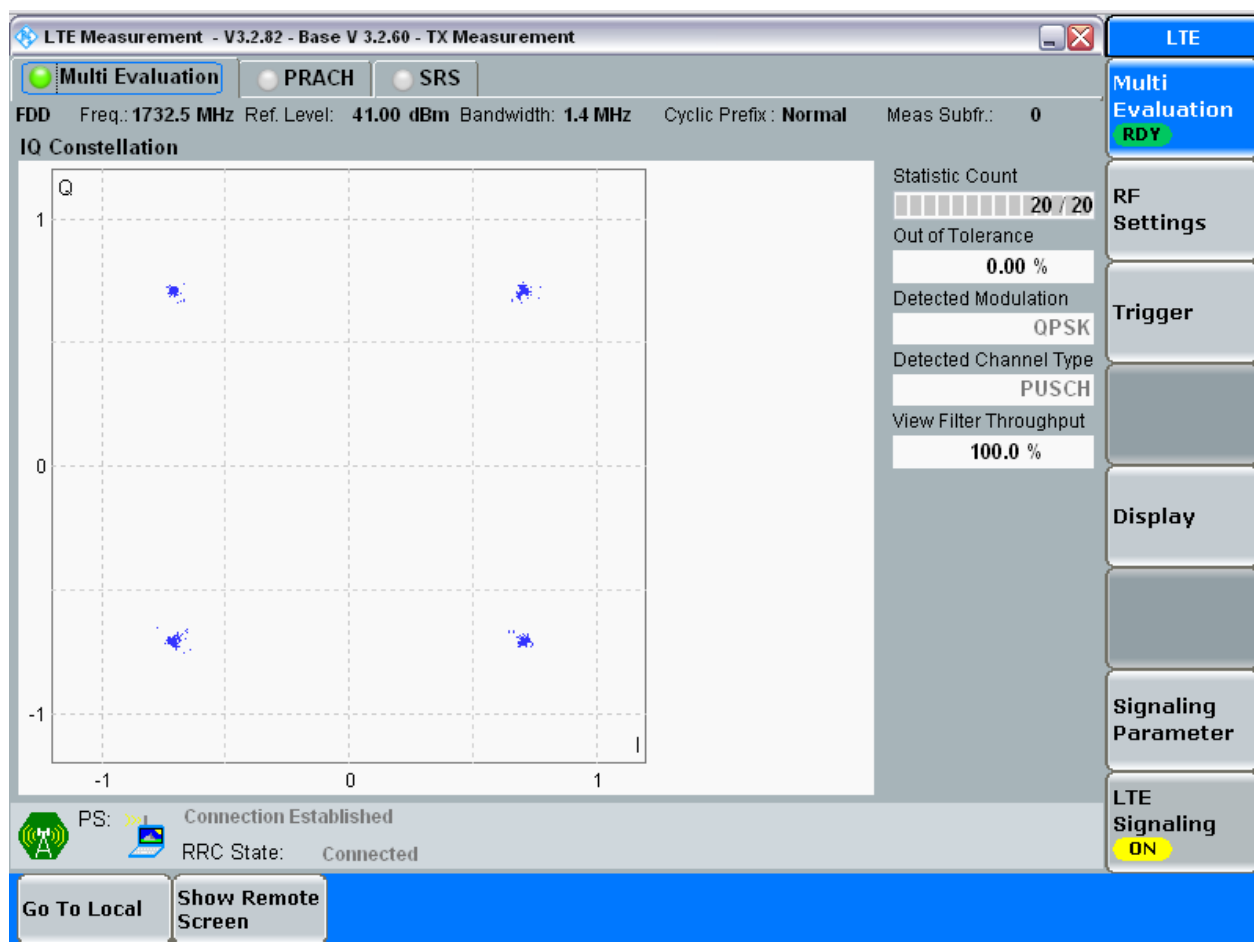
##### 3.1.1 Test Band = BAND4

##### 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

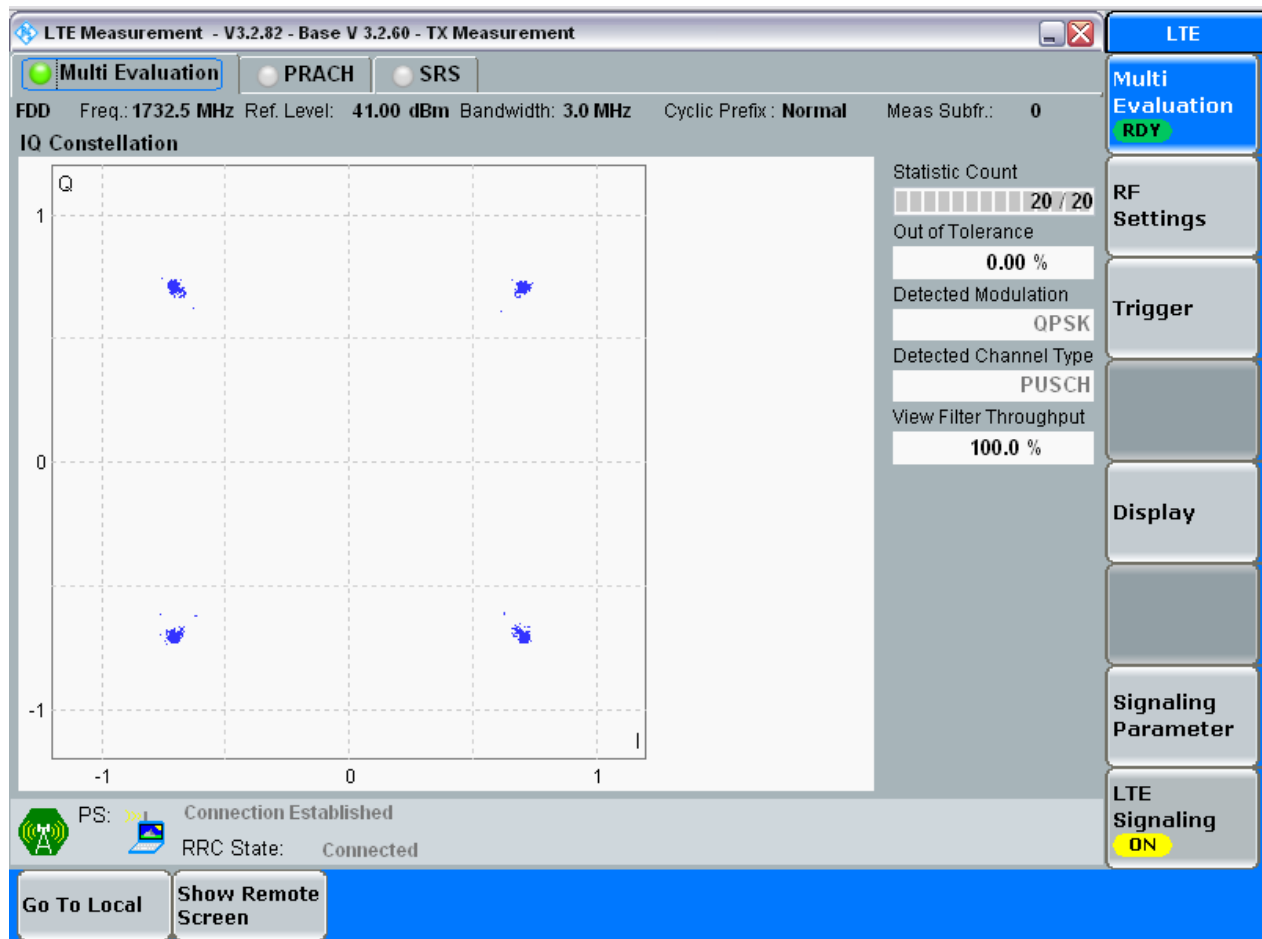
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

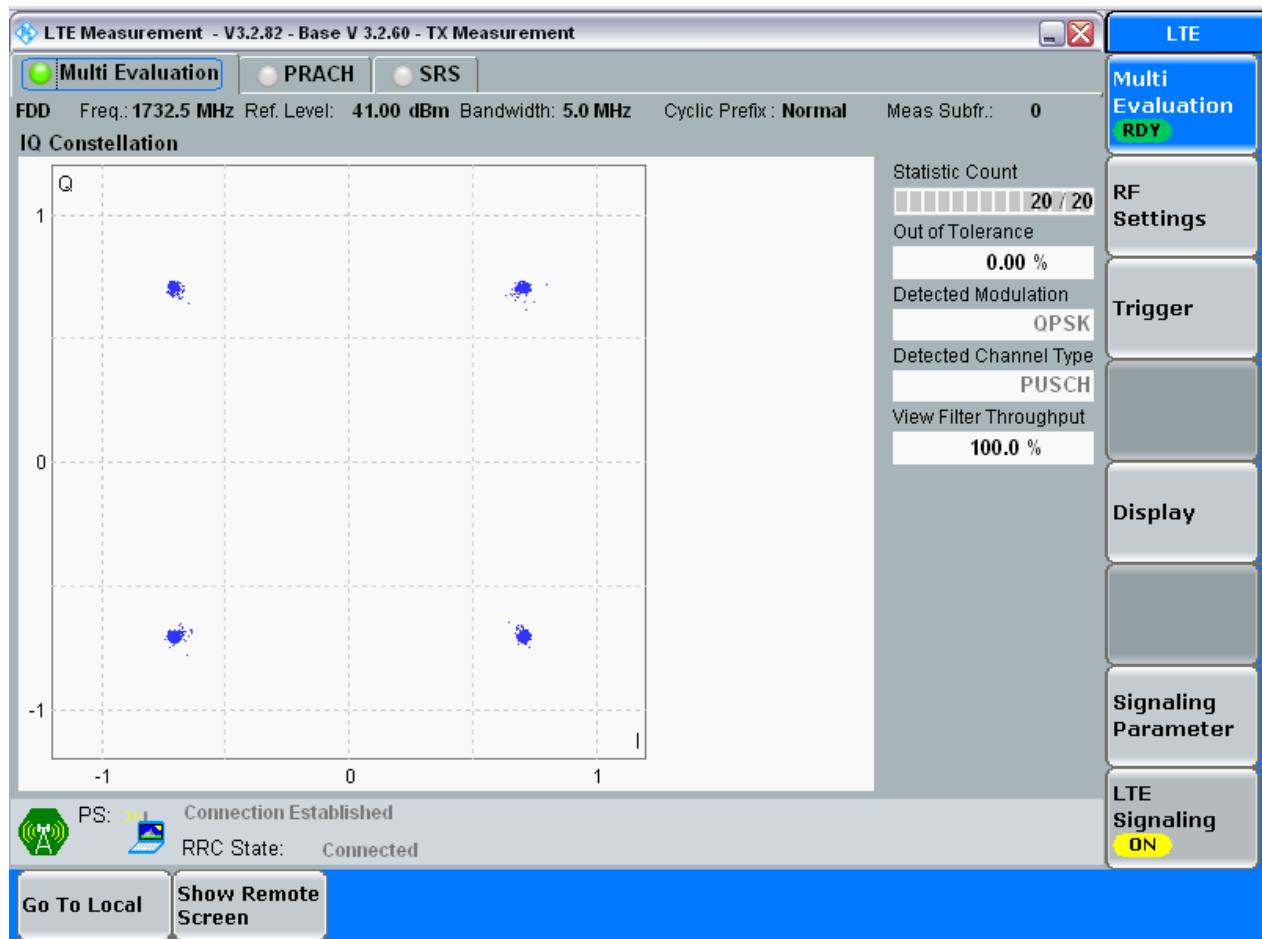
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

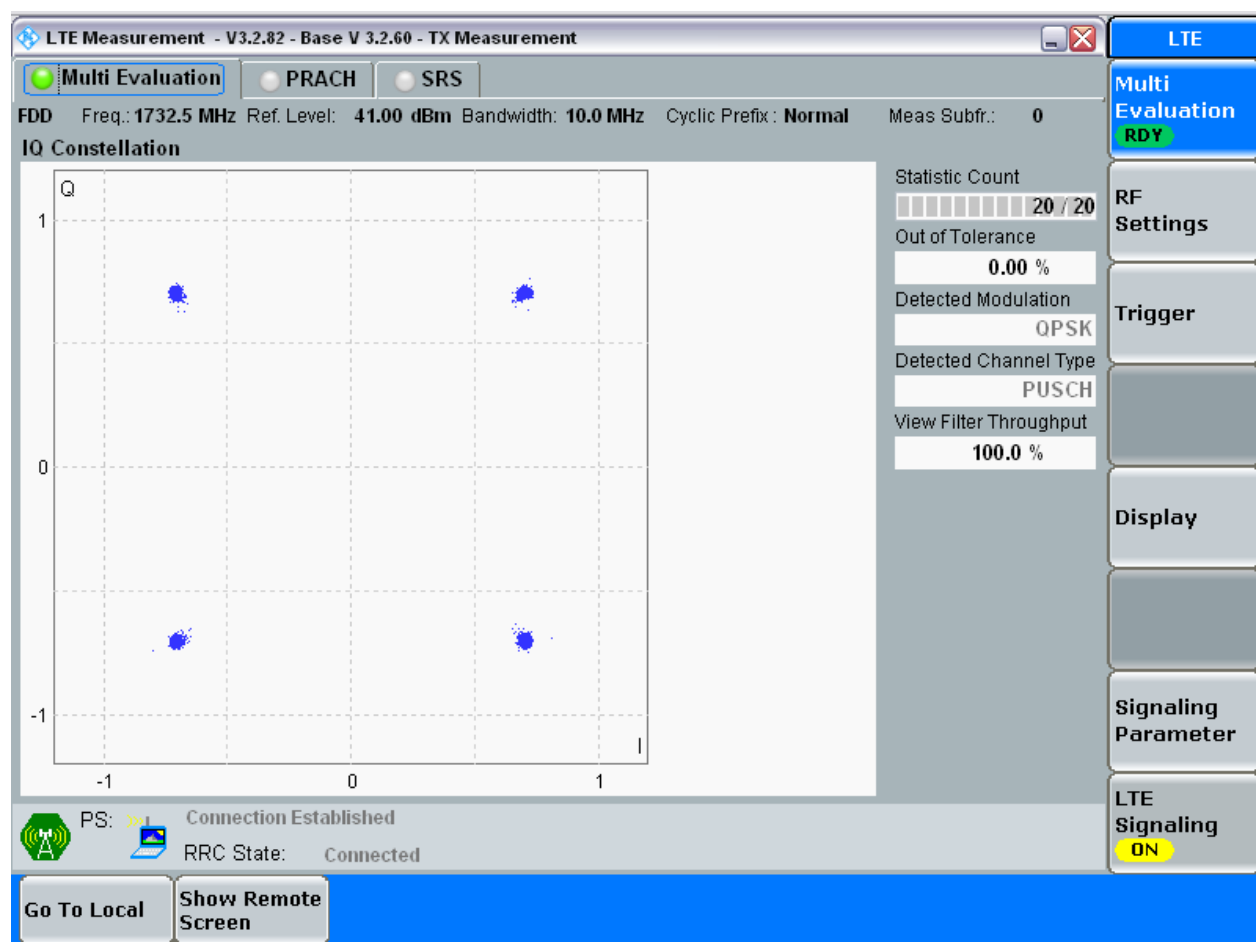
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

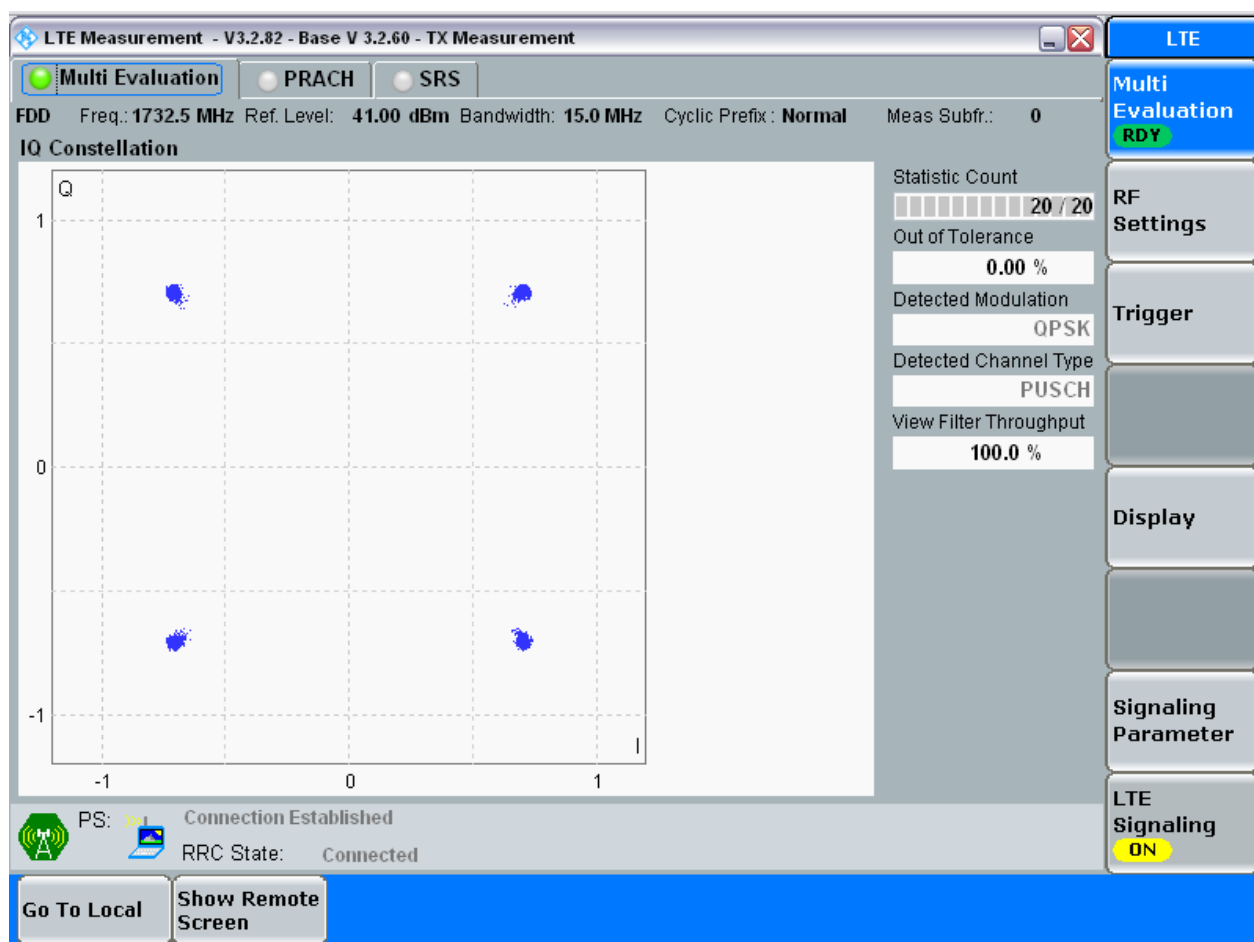
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

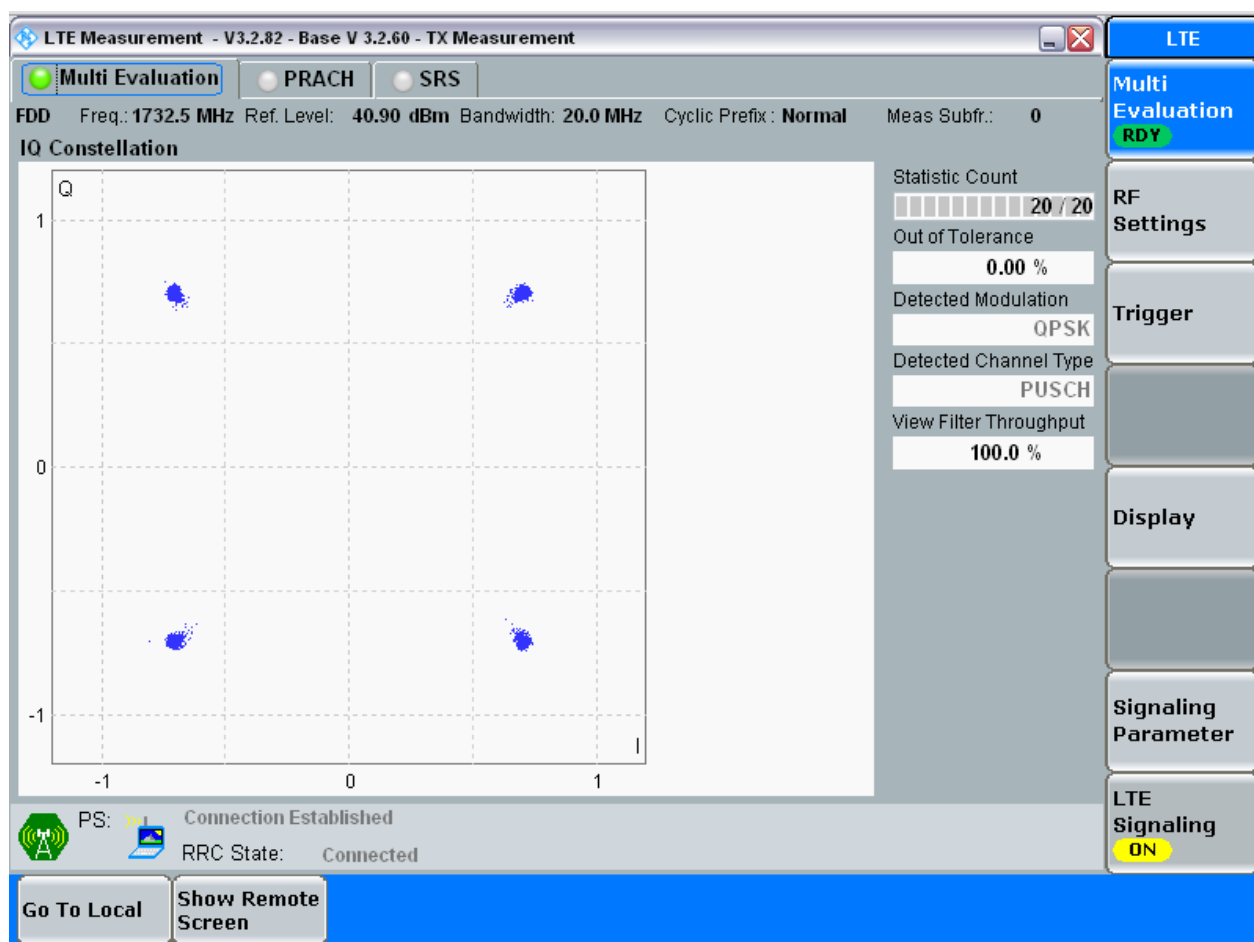
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0

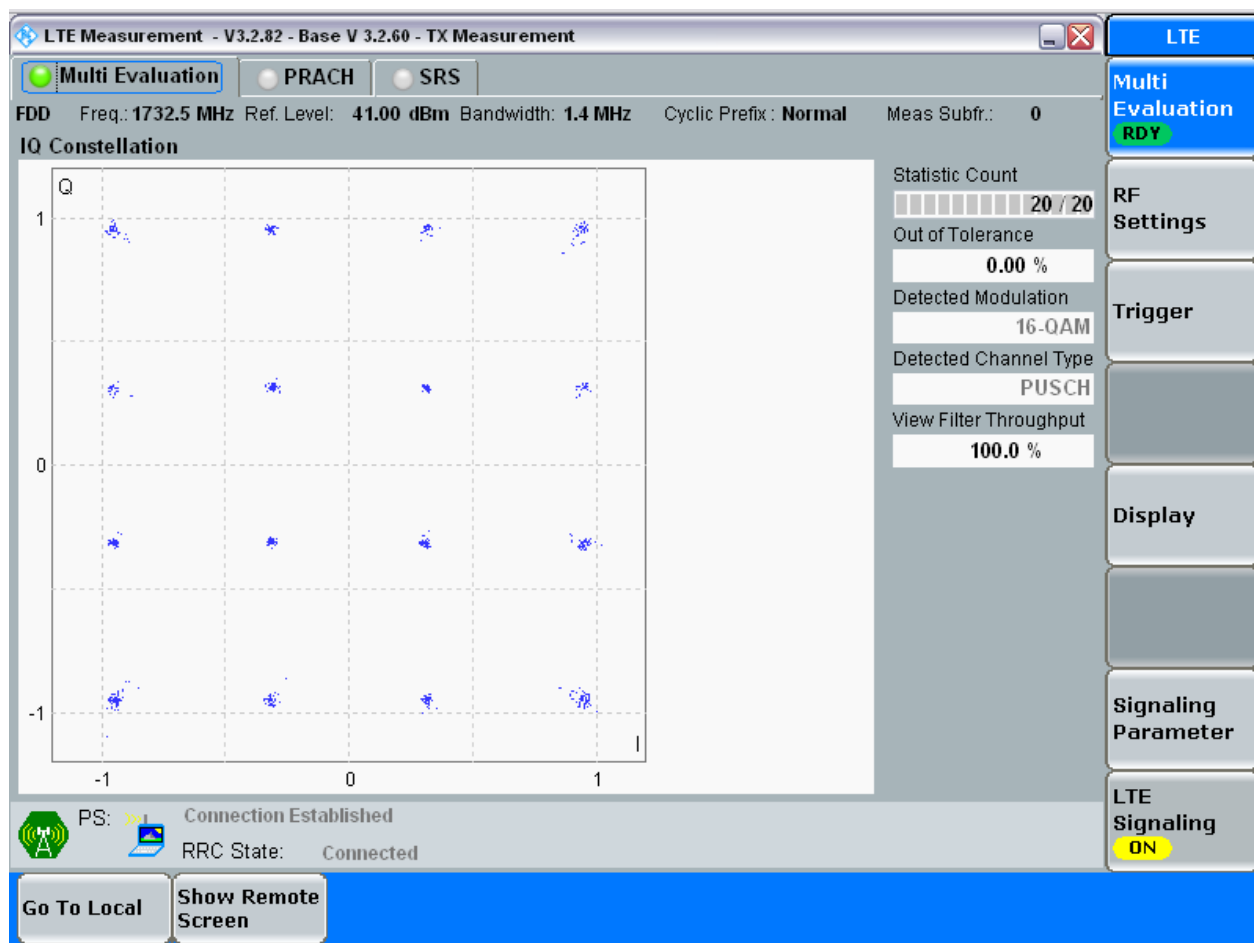


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

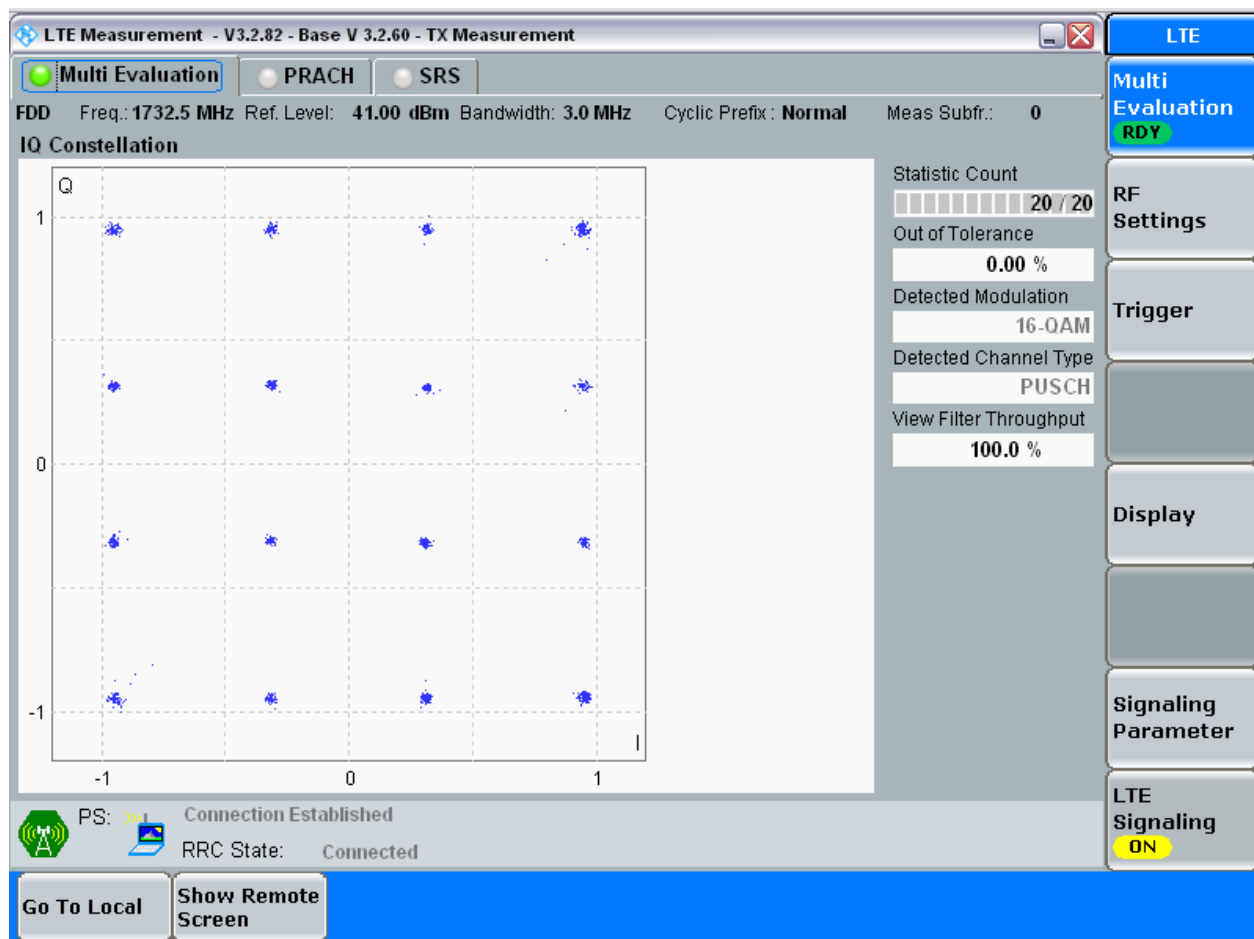
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

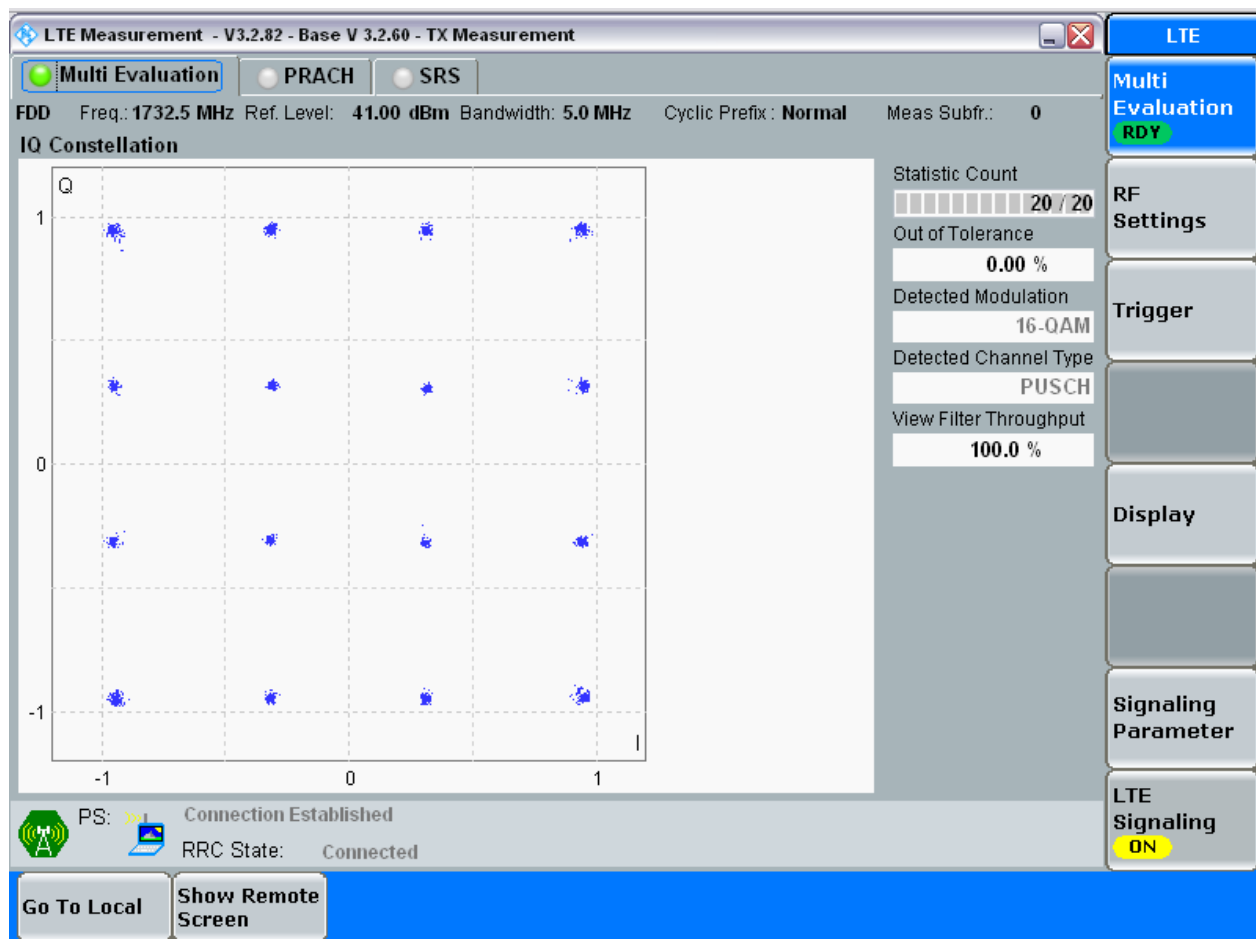
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

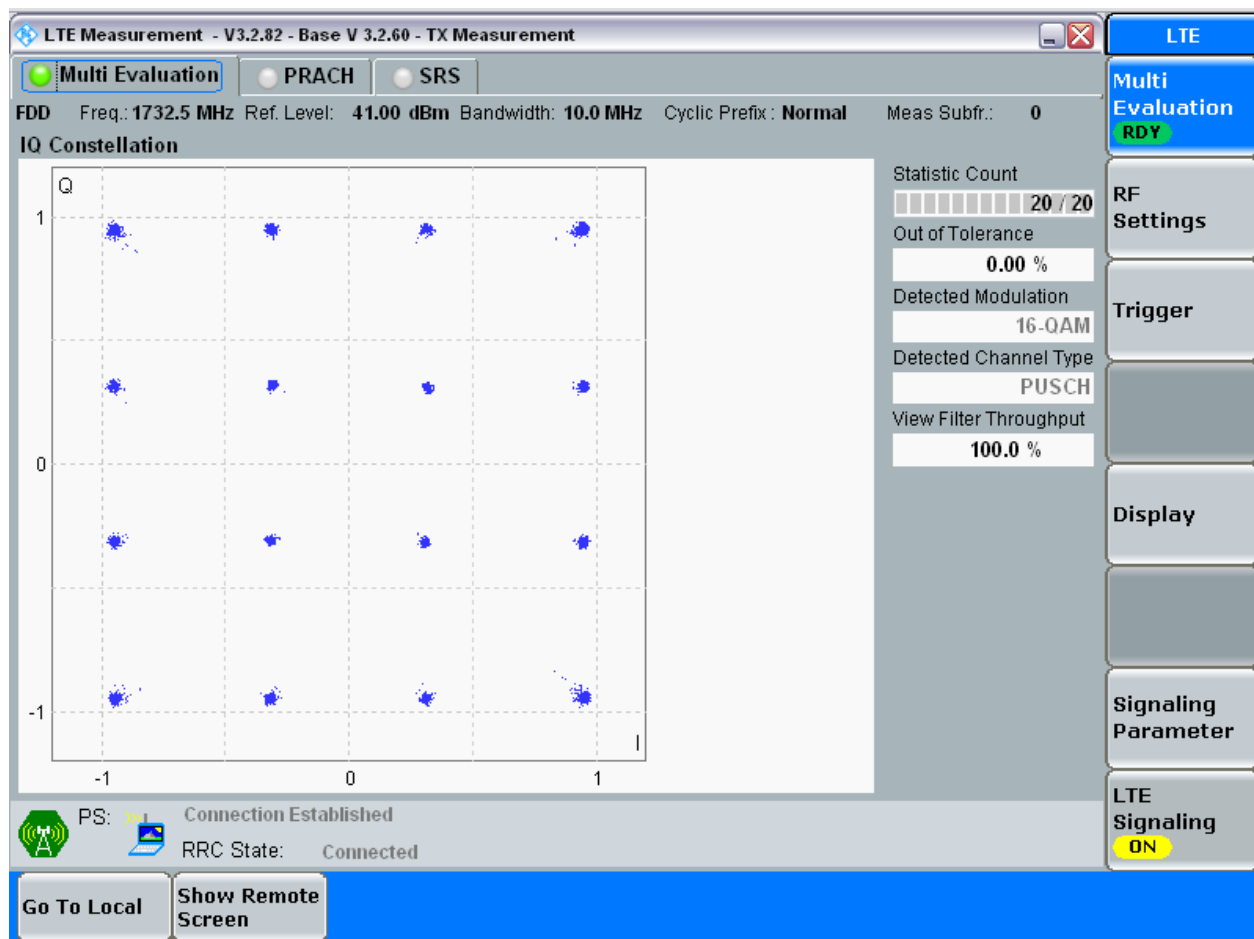
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

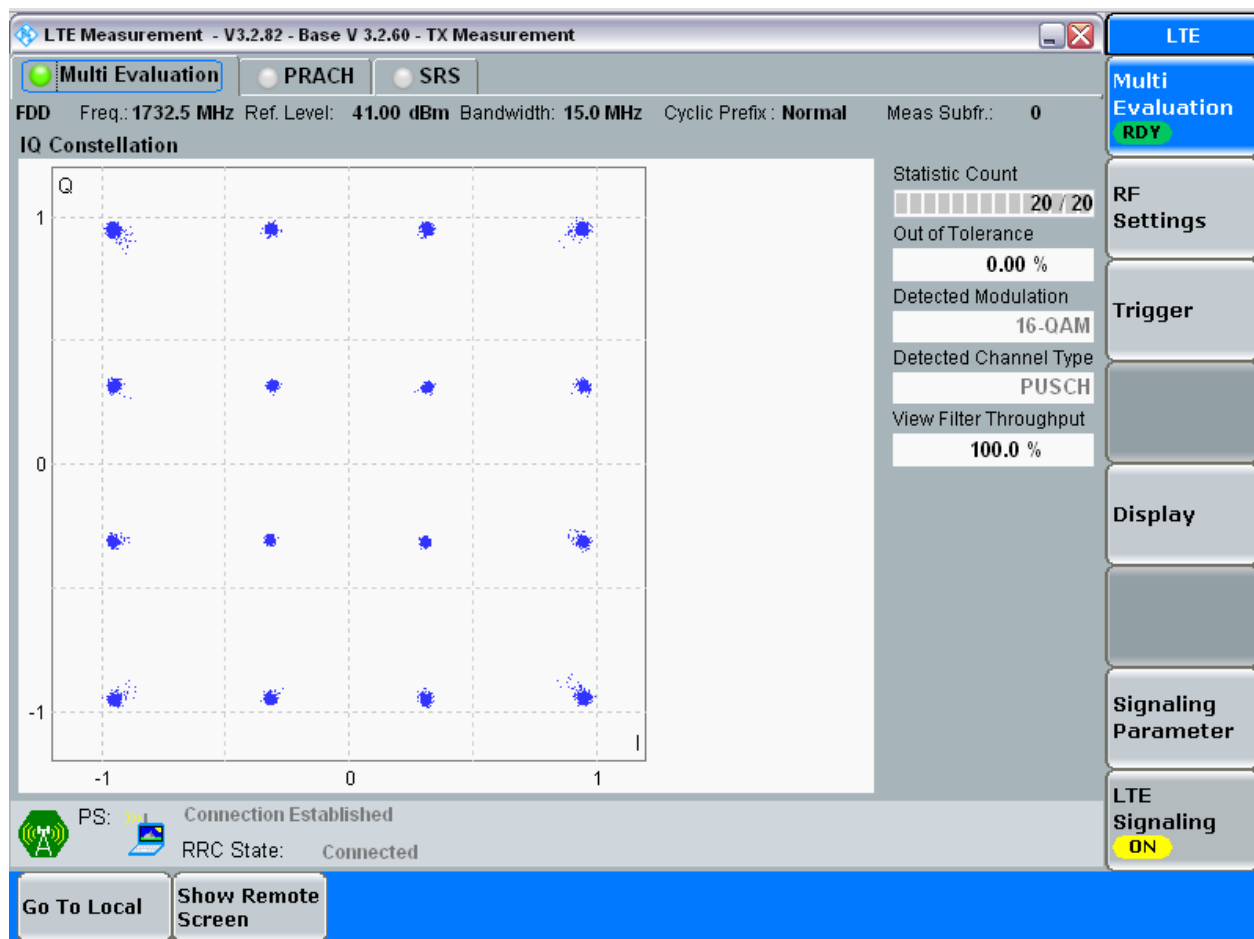
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

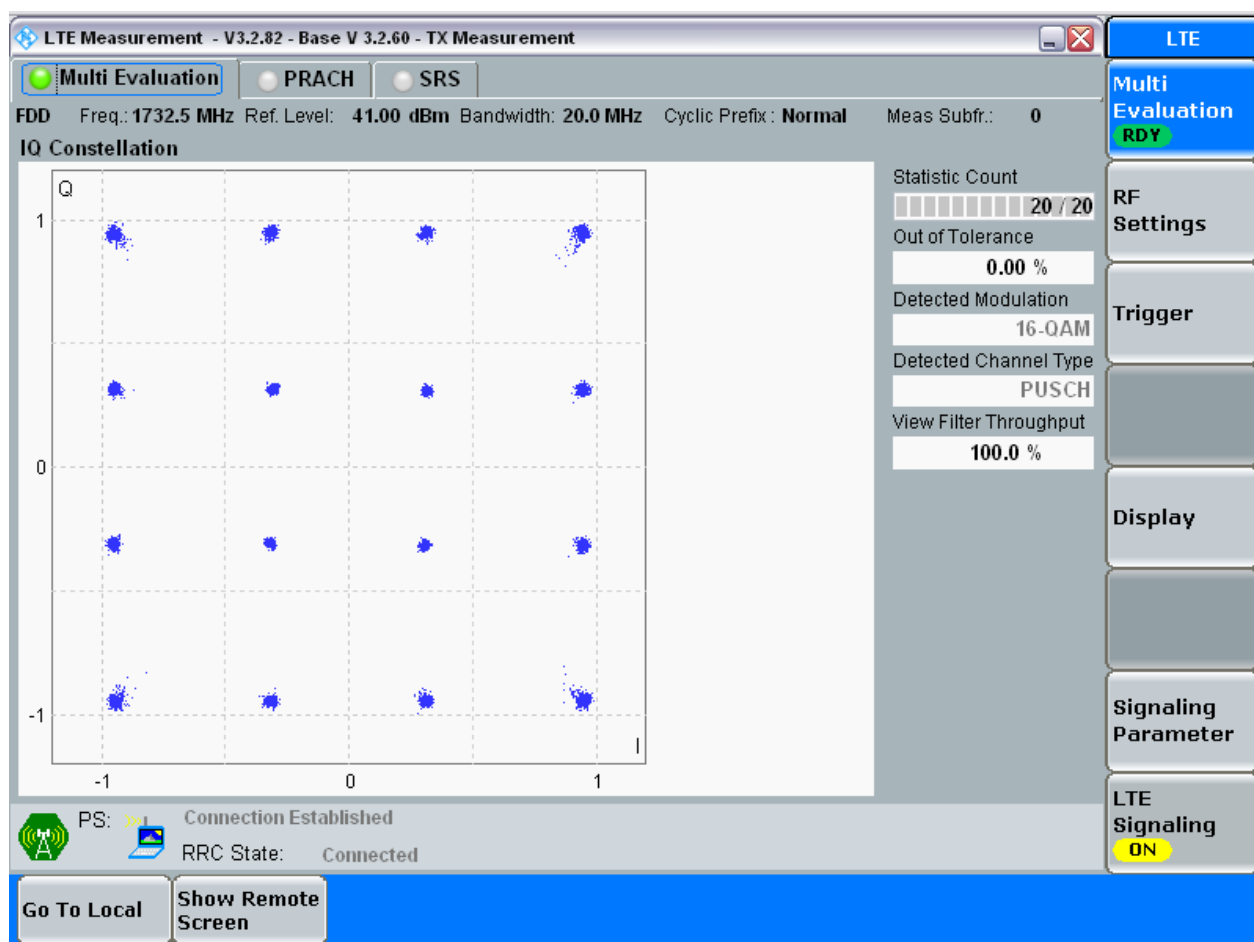
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 3.1.1.2.6 Test Bandwidth = 20

#### 3.1.1.2.6.1 Test Channel = MCH

##### 3.1.1.2.6.1.1 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 |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| BAND4     | LTE/TM1   | 1.4            | LCH          | RB6#0   | 1.10                     | 1.24                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.99                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.97                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.99                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.52                     | 4.96                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.52                     | 4.97                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 4.95                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 9.91                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.92                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.97                     | 9.92                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.49                    | 15.02                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.51                    | 15.02                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.48                    | 15.06                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.95                    | 19.80                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.98                    | 19.91                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.95                    | 19.83                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.24                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.10                     | 1.24                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.72                     | 2.98                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.98                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.98                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.51                     | 4.97                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.52                     | 4.97                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.52                     | 4.98                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 8.98                     | 9.92                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.00                     | 9.86                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.98                     | 9.93                     | Pass    |

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
|           |           | 15             | LCH          | RB75#0  | 13.49                    | 15.02                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.50                    | 14.94                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.53                    | 15.04                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 18.00                    | 19.85                    | Pass    |
|           |           |                | MCH          | RB100#0 | 18.01                    | 19.89                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.98                    | 19.81                    | Pass    |



## Part II - Test Plots

### 4.1 For LTE

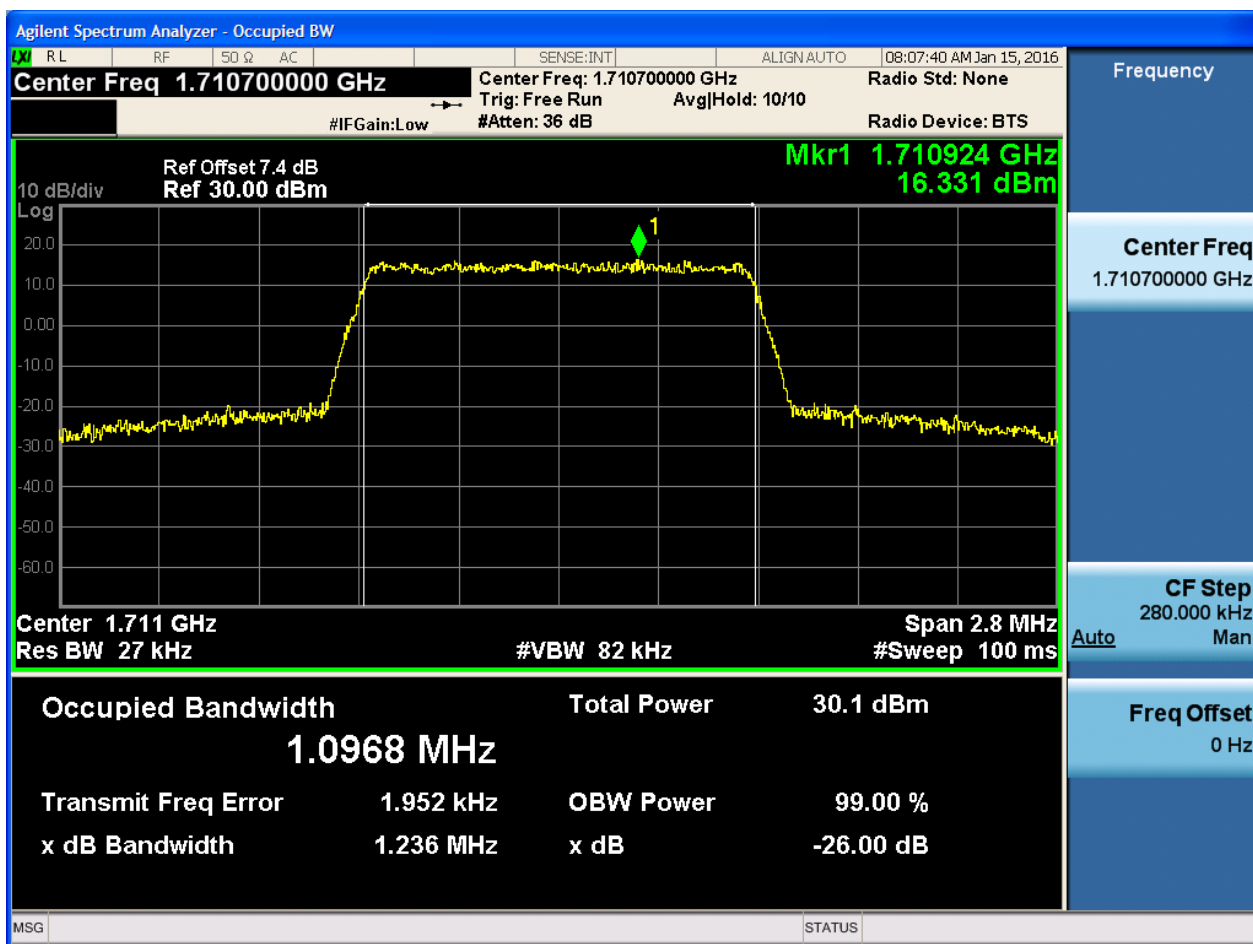
#### 4.1.1 Test Band = BAND4

##### 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

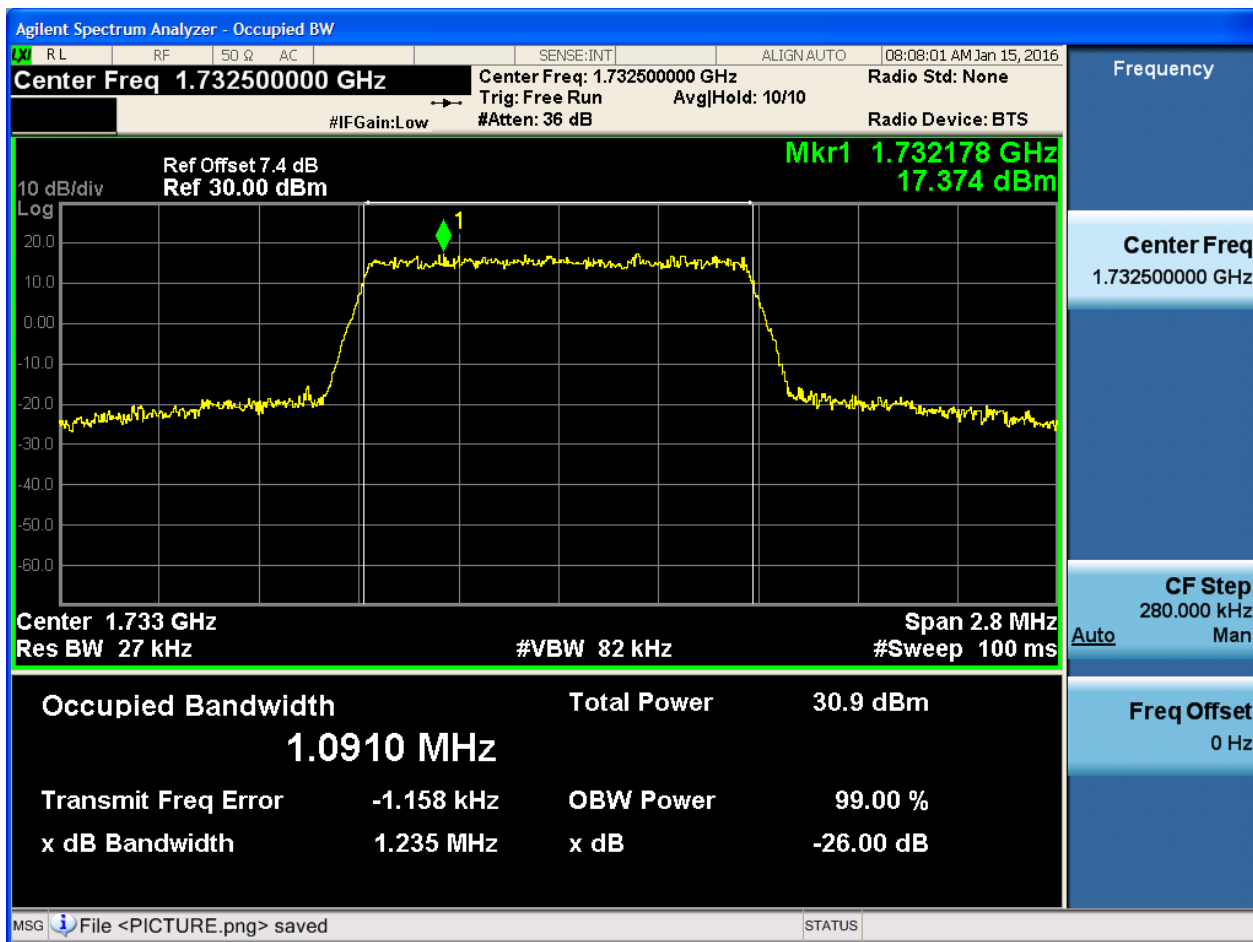
##### 4.1.1.1.1.1.1 Test RB = RB6#0





## 4.1.1.1.1.2 Test Channel = MCH

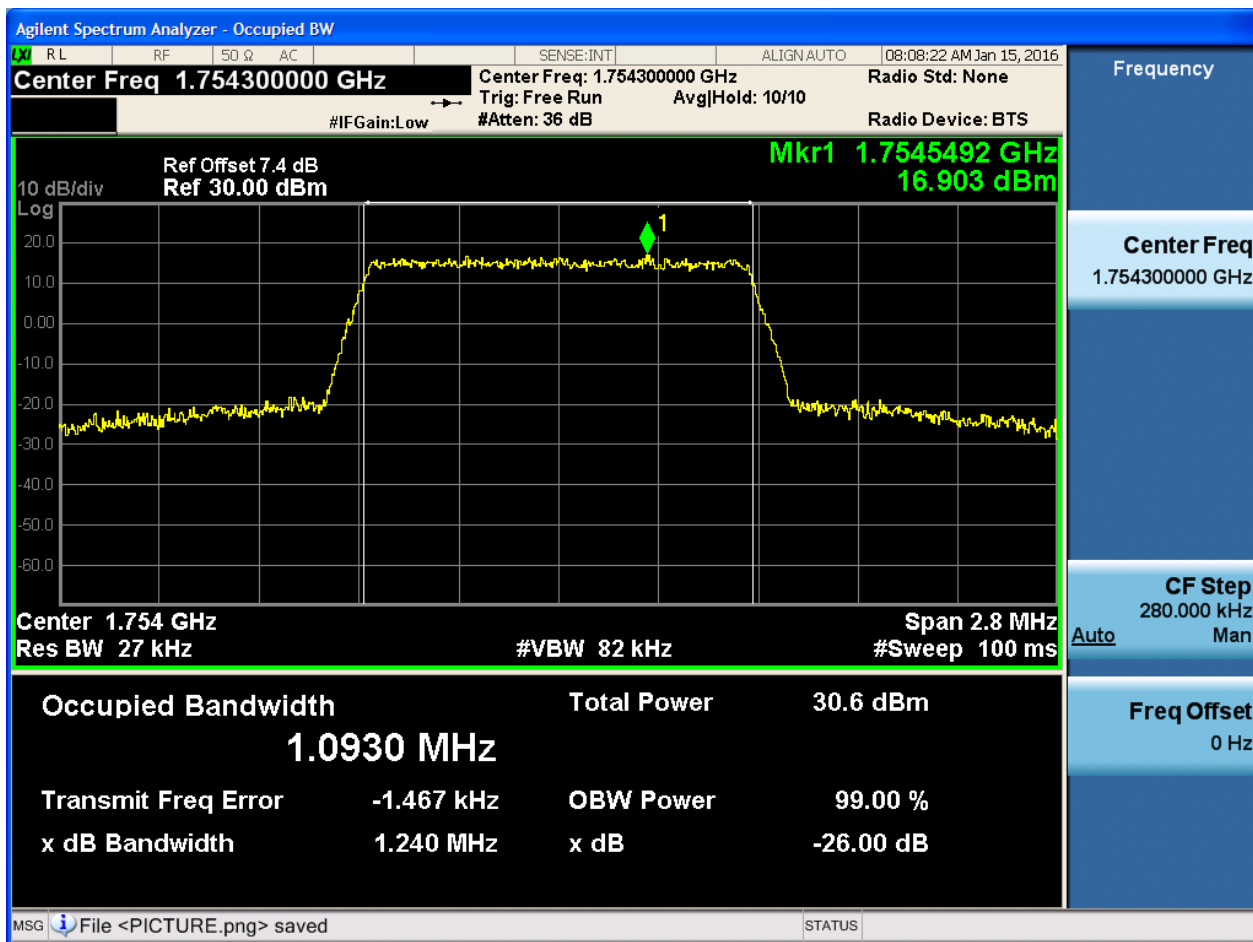
## 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

## 4.1.1.1.1.3.1 Test RB = RB6#0

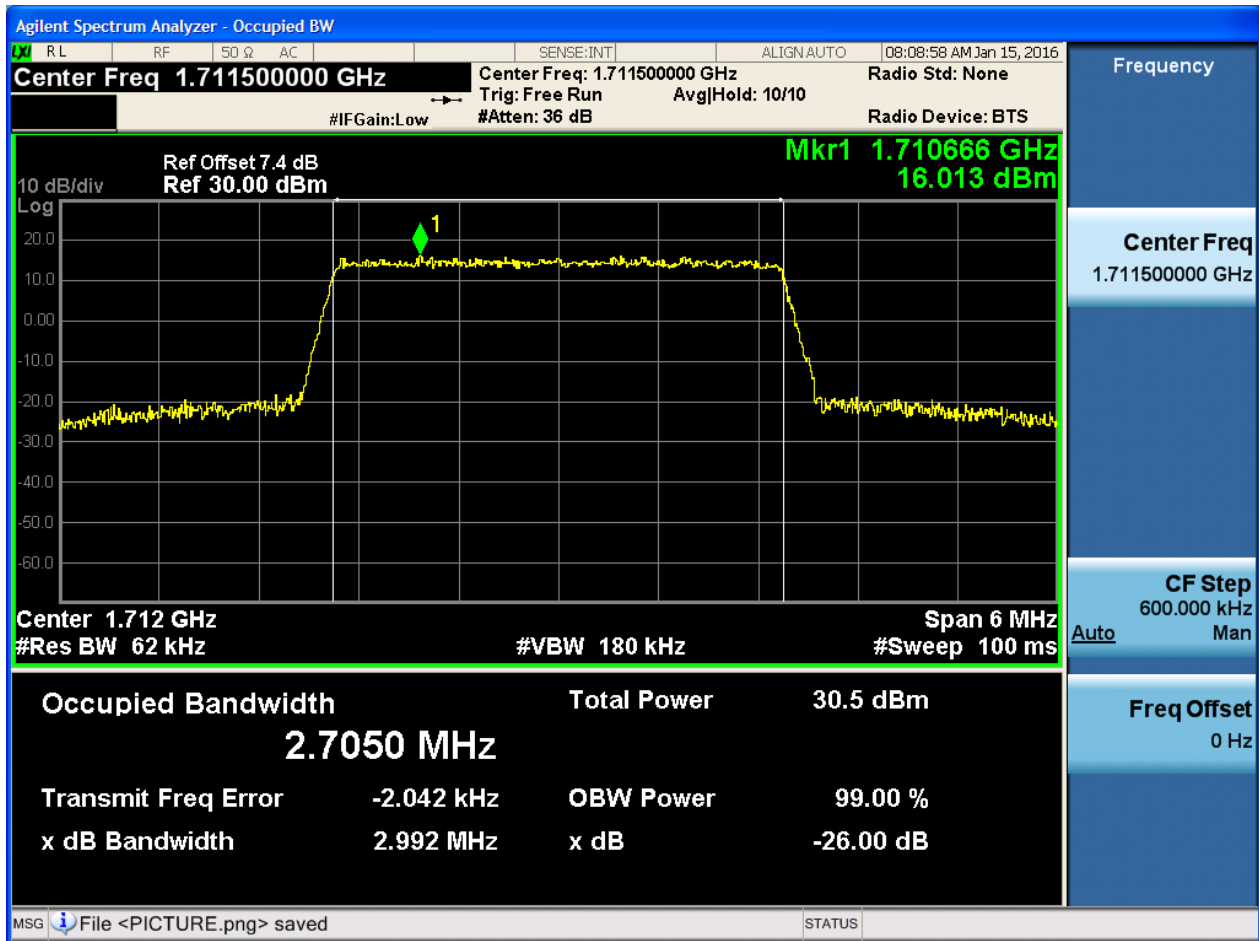




## 4.1.1.1.2 Test Bandwidth = 3

## 4.1.1.1.2.1 Test Channel = LCH

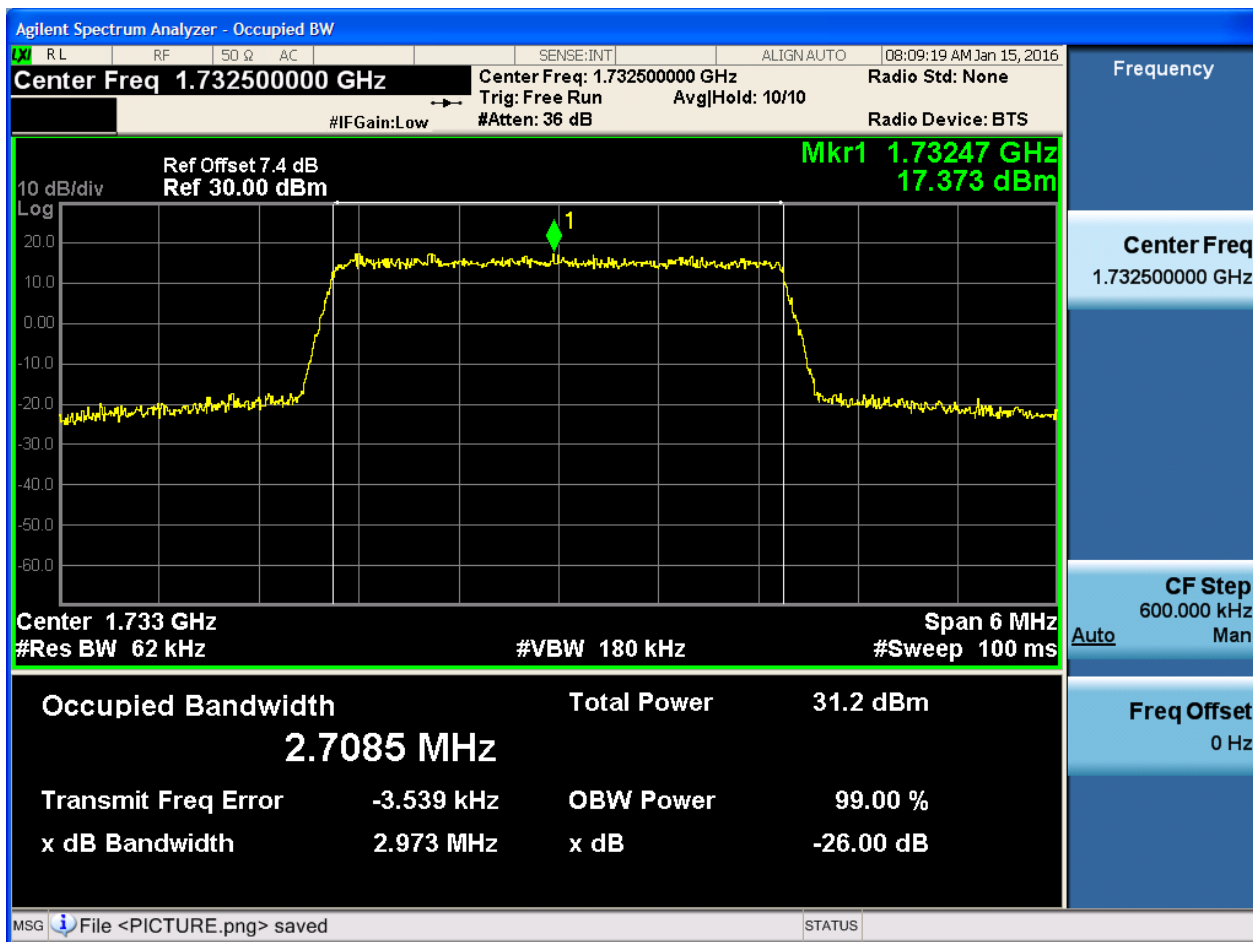
## 4.1.1.1.2.1.1 Test RB = RB15#0





## 4.1.1.1.2.2 Test Channel = MCH

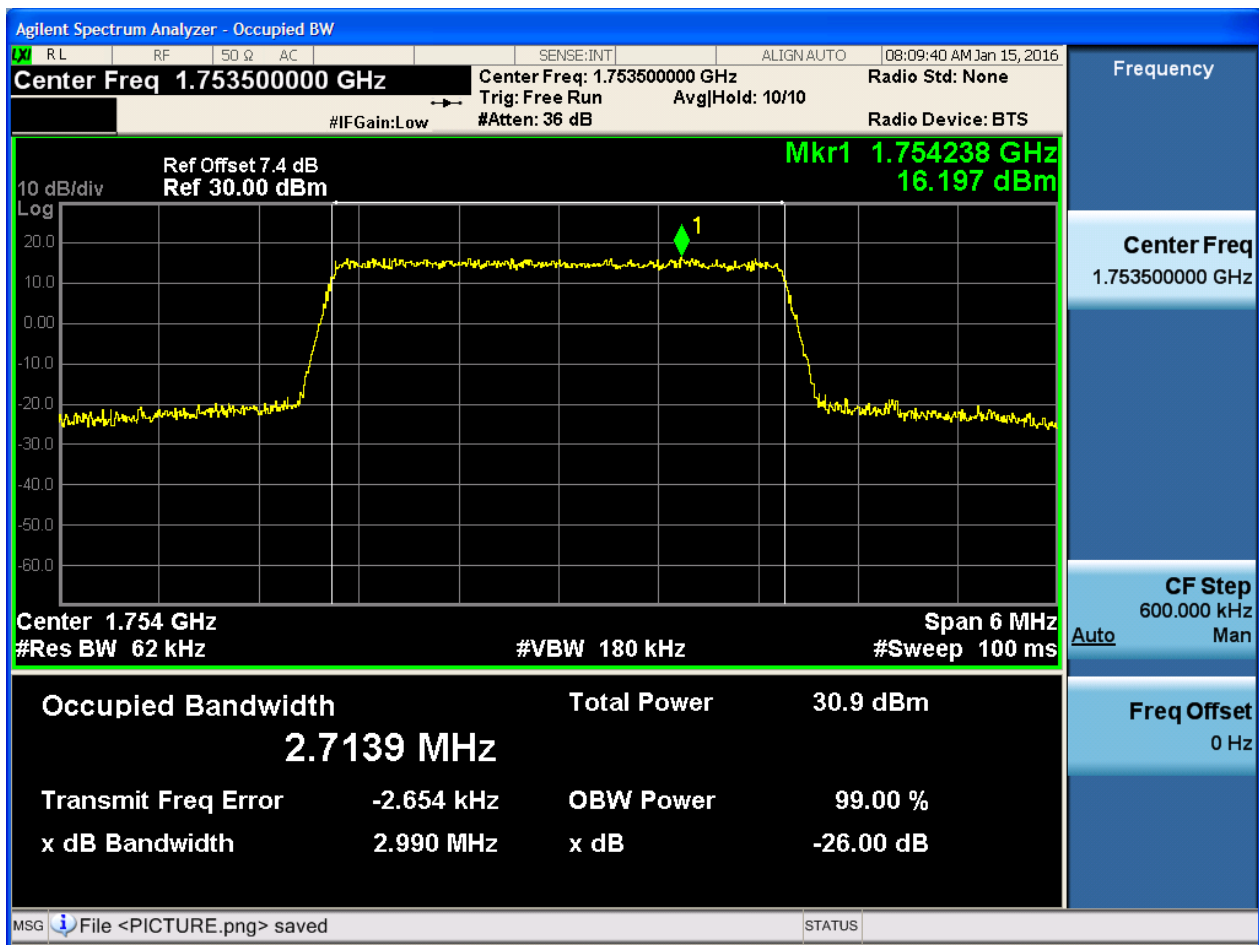
## 4.1.1.1.2.2.1 Test RB = RB15#0





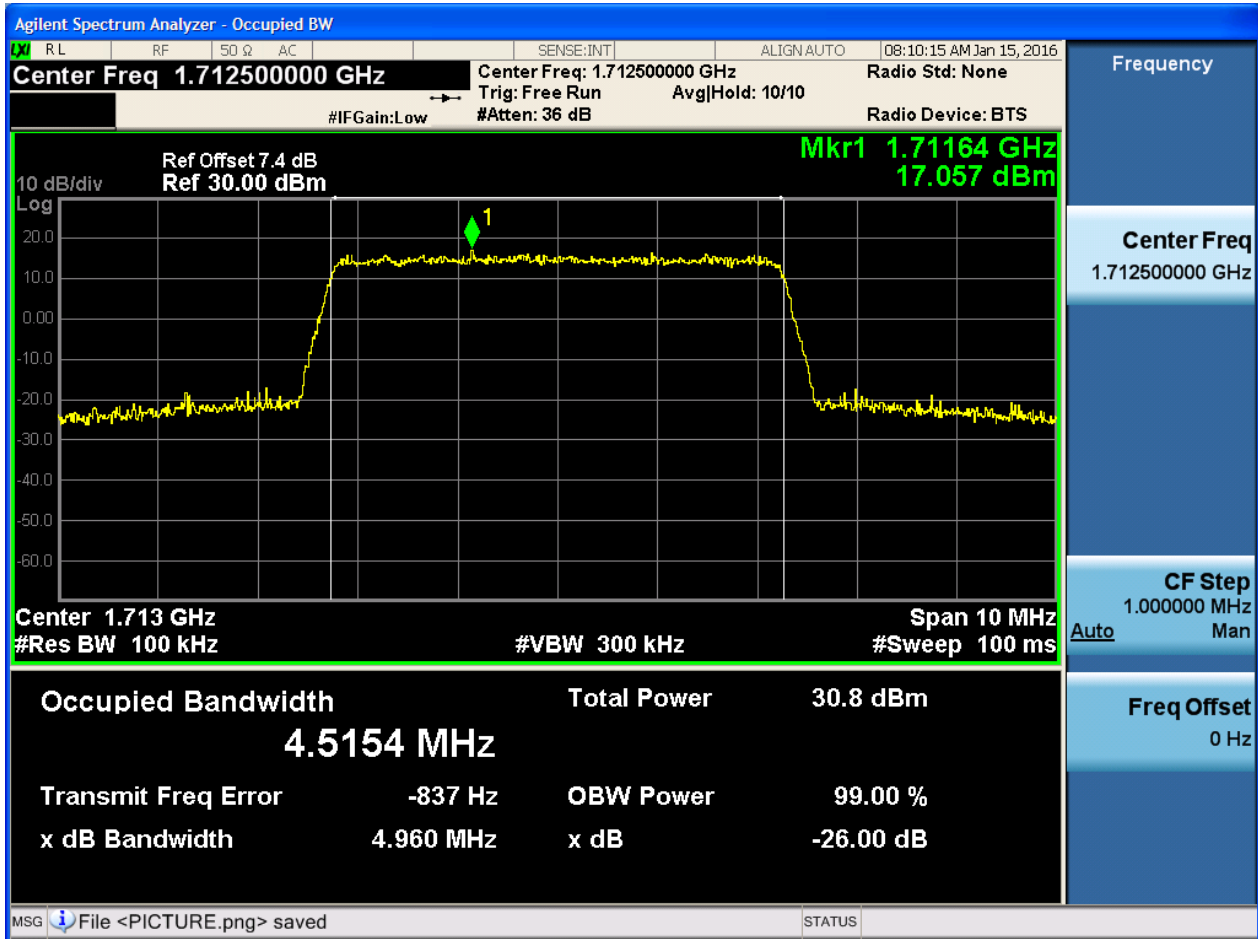
## 4.1.1.1.2.3 Test Channel = HCH

## 4.1.1.1.2.3.1 Test RB = RB15#0





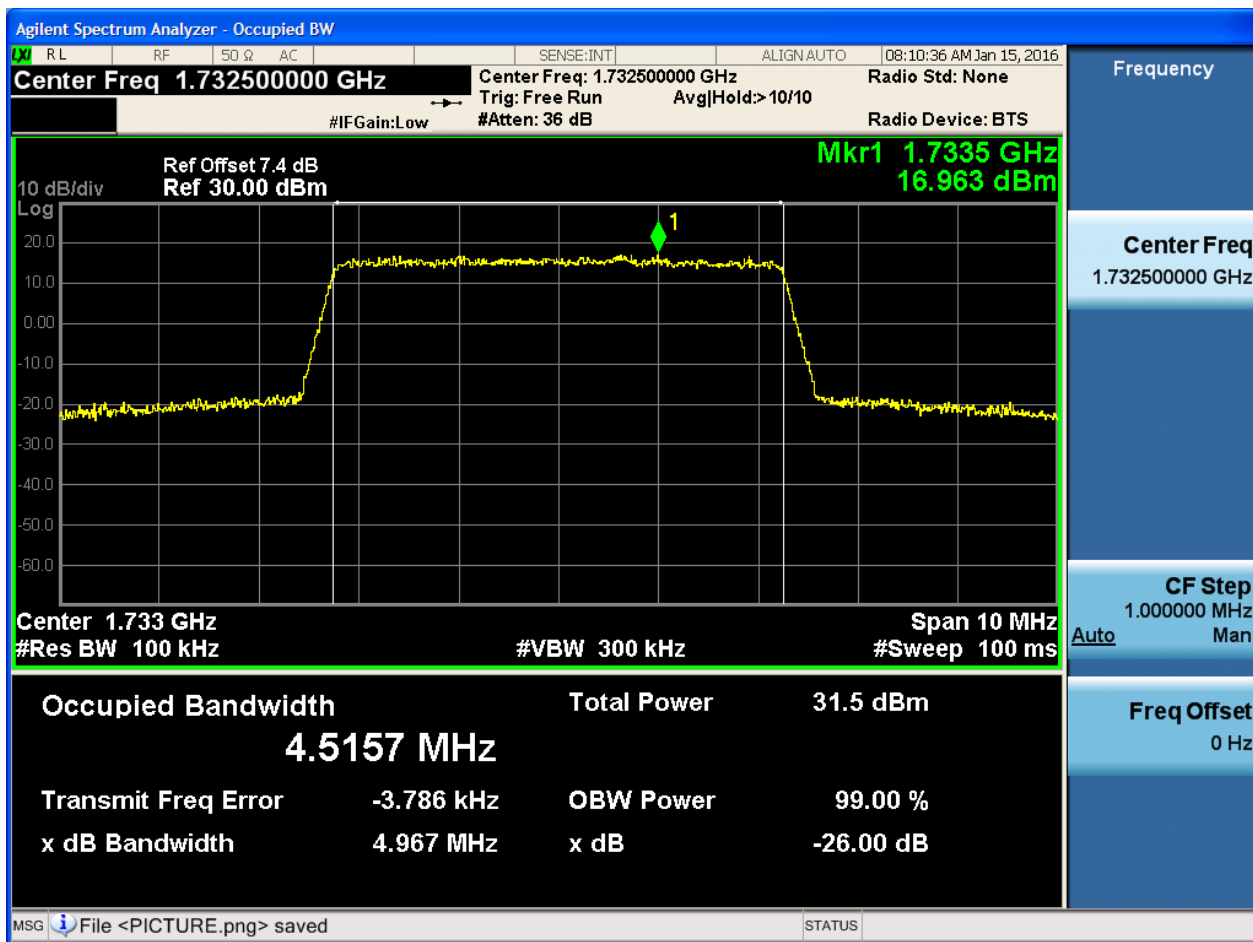
#### 4.1.1.1.3.1.1 Test RB = RB25#0





## 4.1.1.1.3.2 Test Channel = MCH

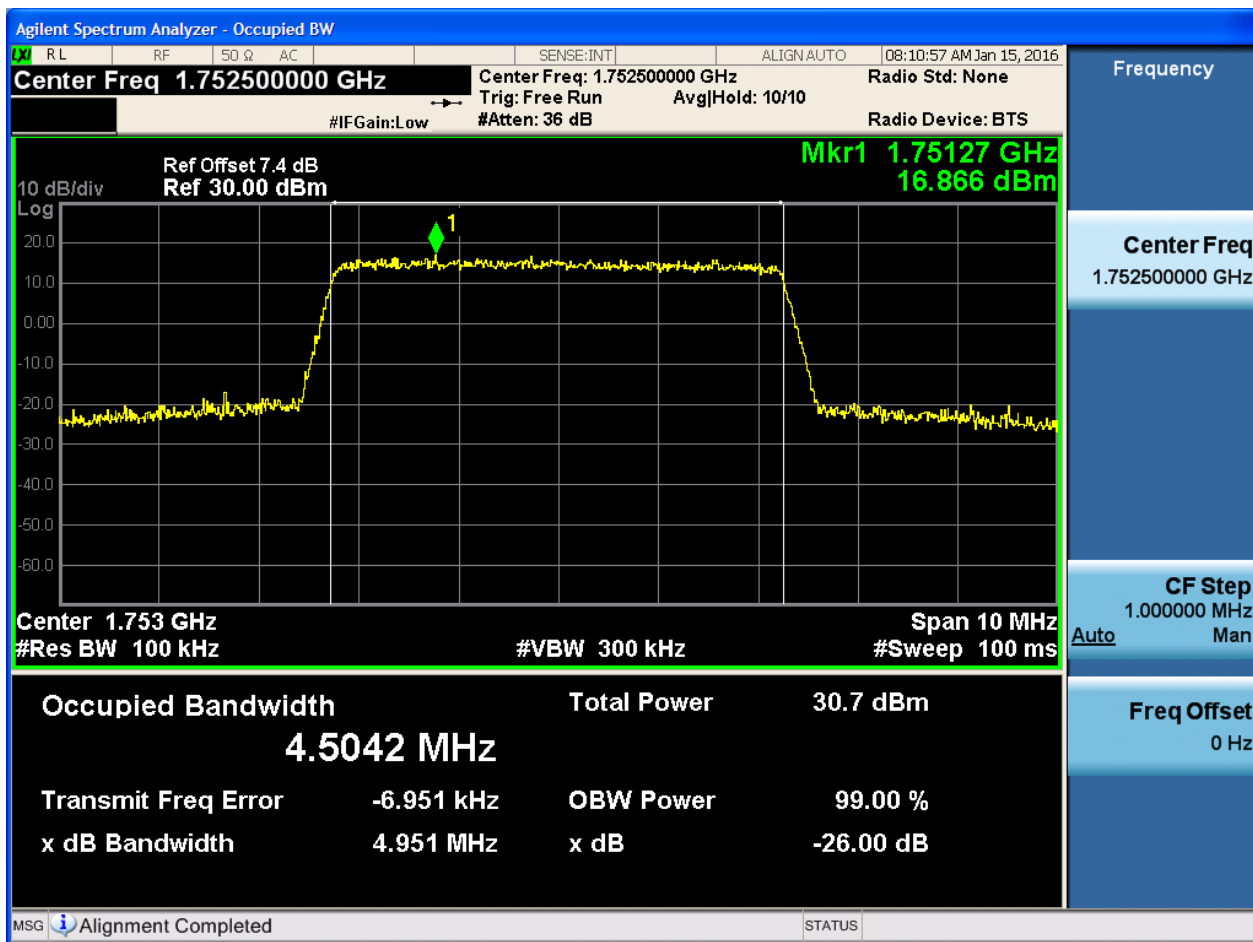
## 4.1.1.1.3.2.1 Test RB = RB25#0





## 4.1.1.1.3.3 Test Channel = HCH

## 4.1.1.1.3.3.1 Test RB = RB25#0

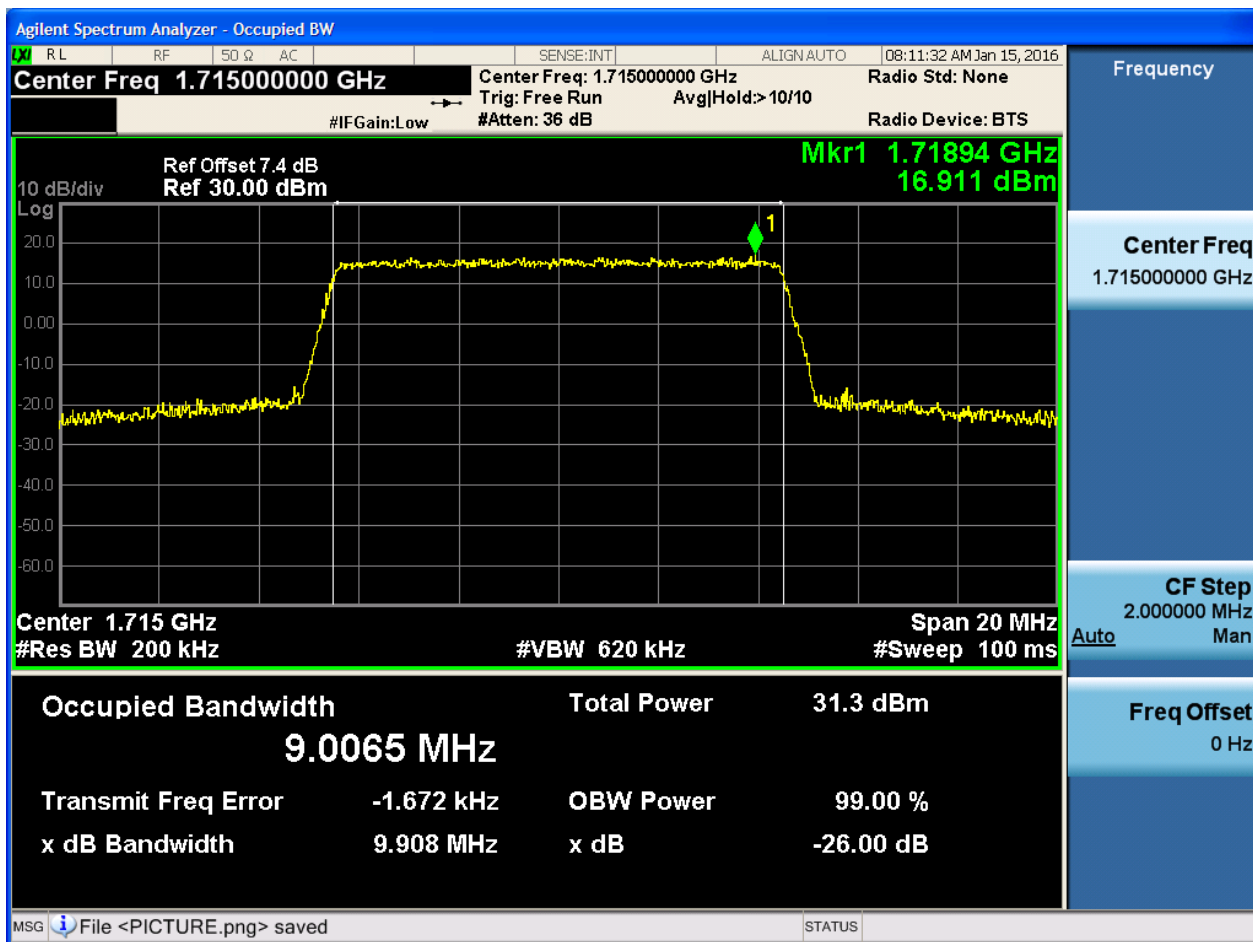




## 4.1.1.1.4 Test Bandwidth = 10

## 4.1.1.1.4.1 Test Channel = LCH

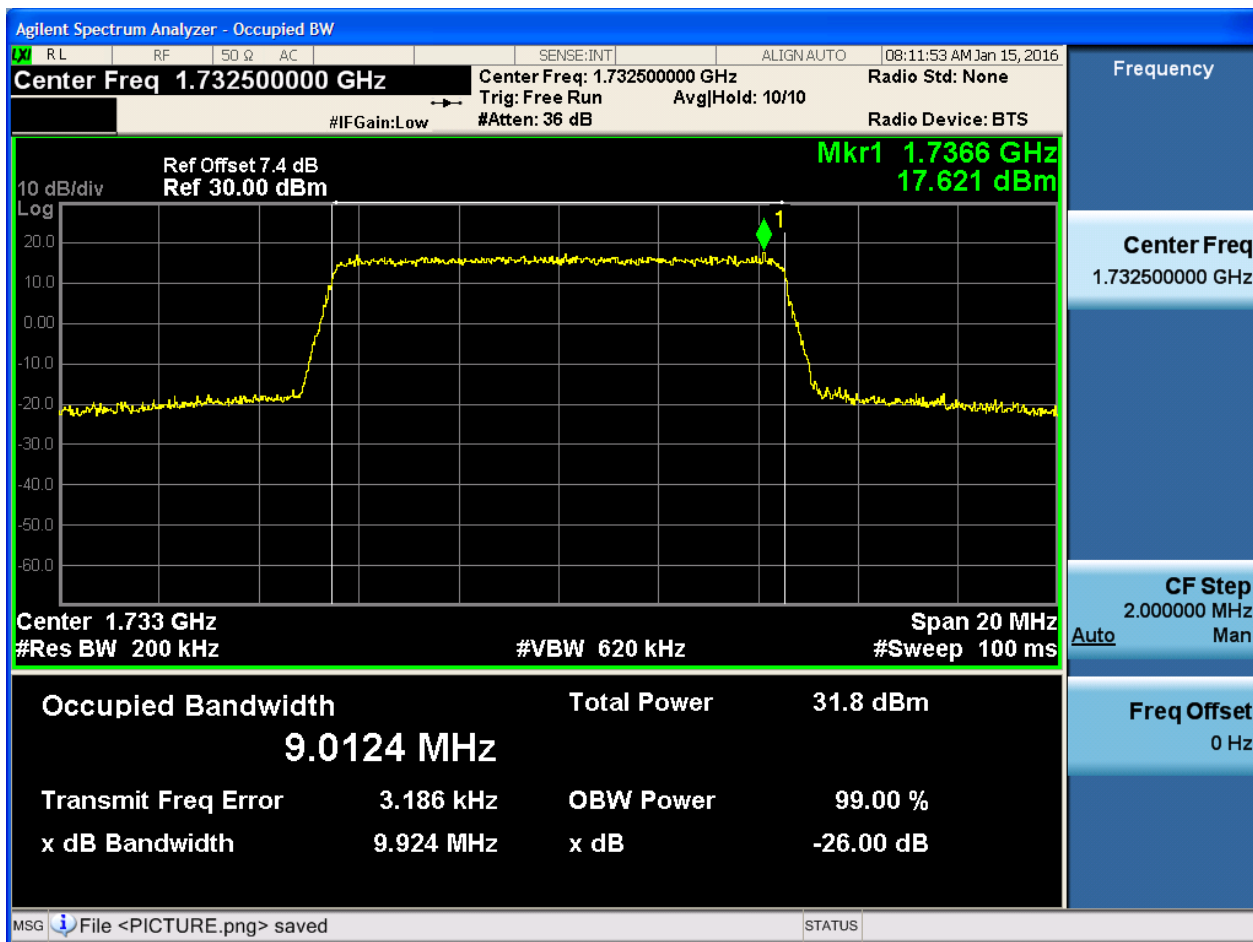
## 4.1.1.1.4.1.1 Test RB = RB50#0





## 4.1.1.1.4.2 Test Channel = MCH

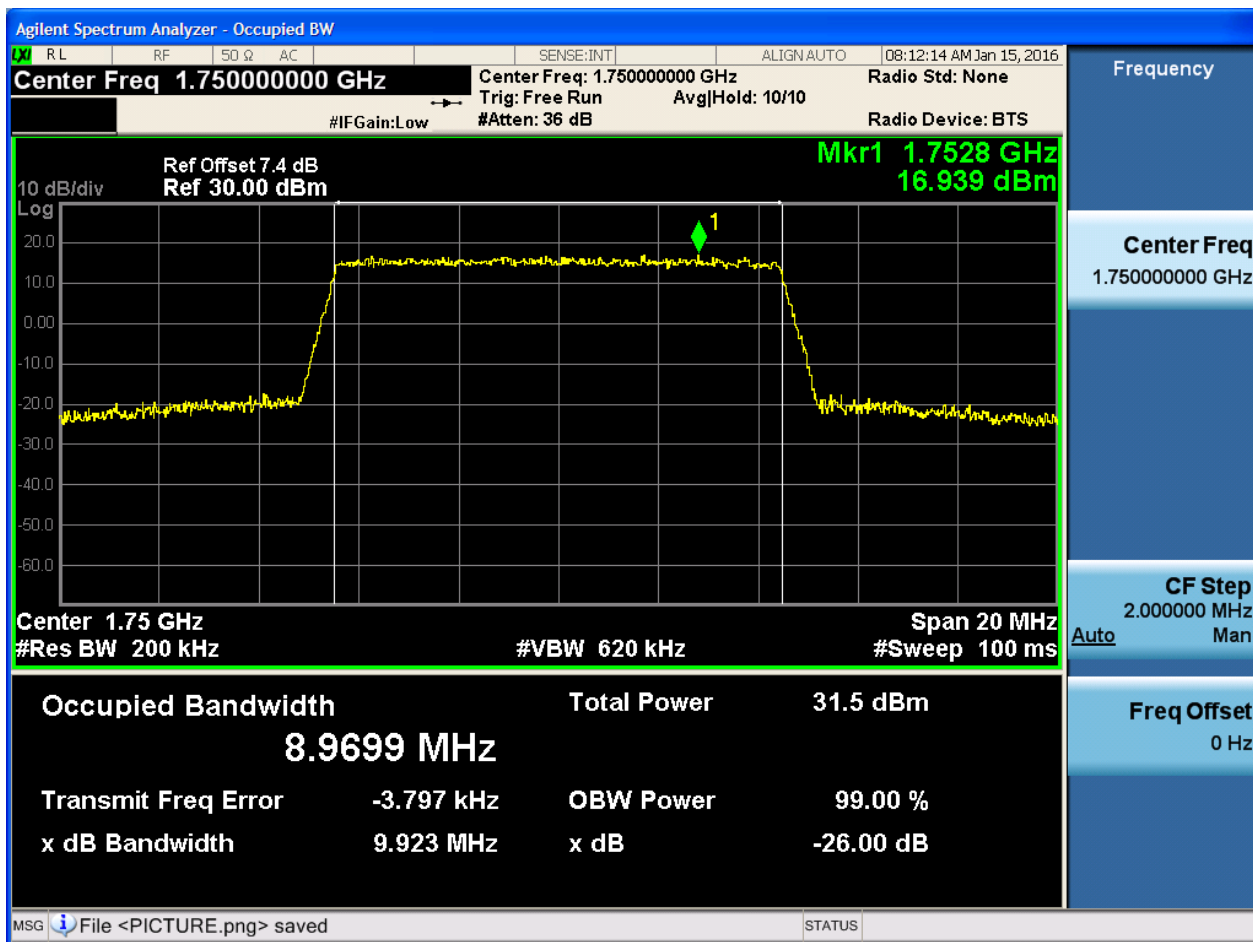
## 4.1.1.1.4.2.1 Test RB = RB50#0





## 4.1.1.1.4.3 Test Channel = HCH

## 4.1.1.1.4.3.1 Test RB = RB50#0

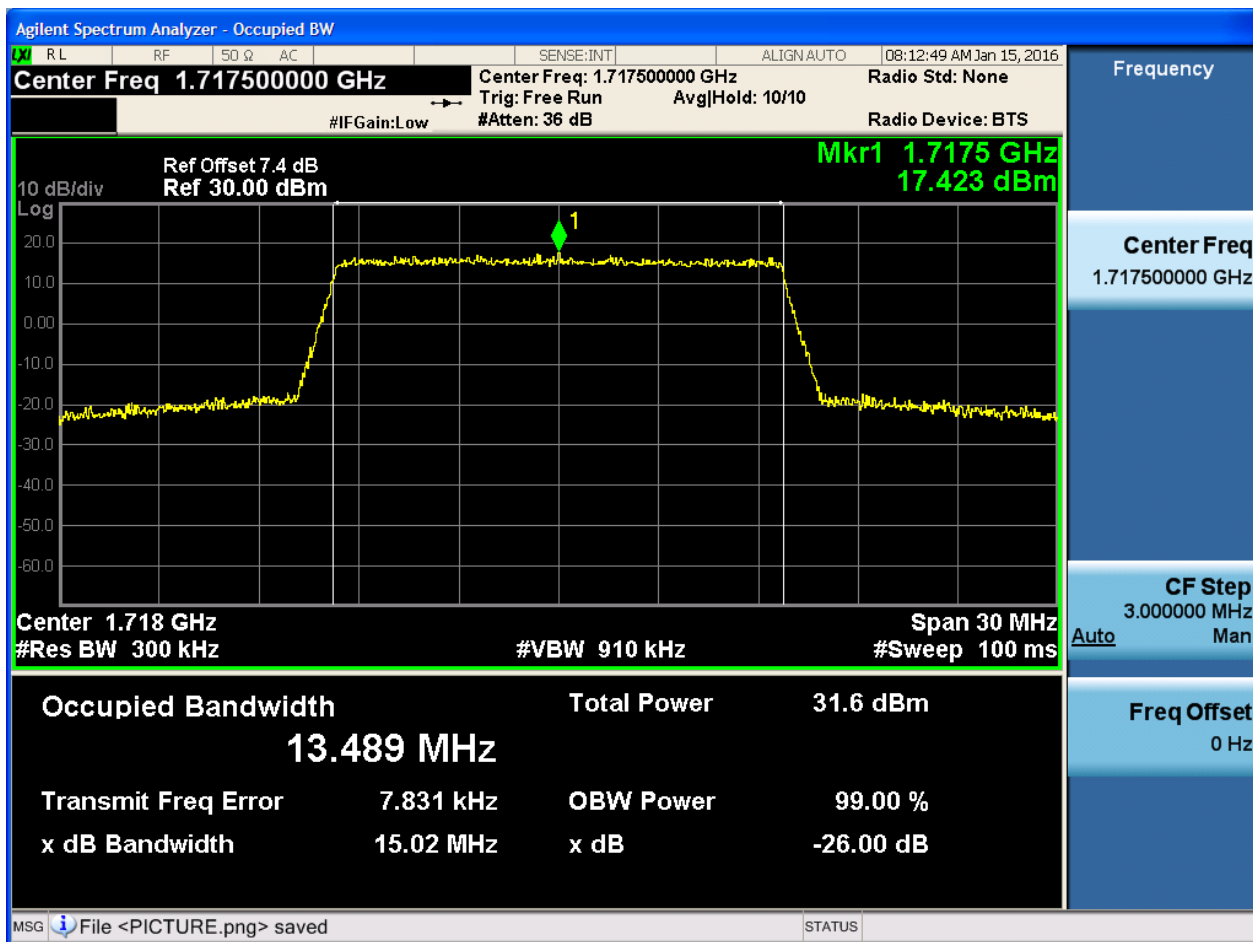




## 4.1.1.1.5 Test Bandwidth = 15

## 4.1.1.1.5.1 Test Channel = LCH

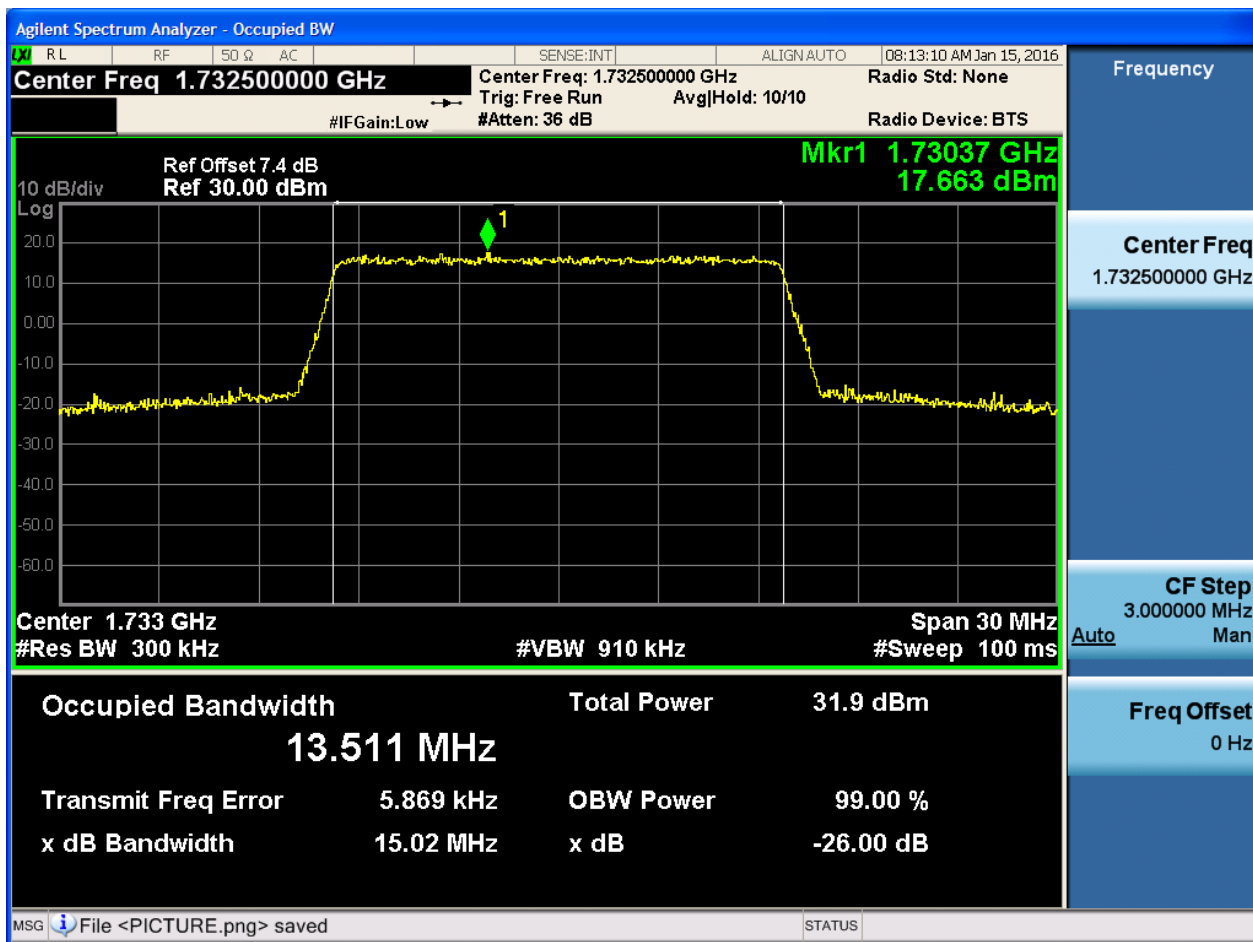
## 4.1.1.1.5.1.1 Test RB = RB75#0





## 4.1.1.1.5.2 Test Channel = MCH

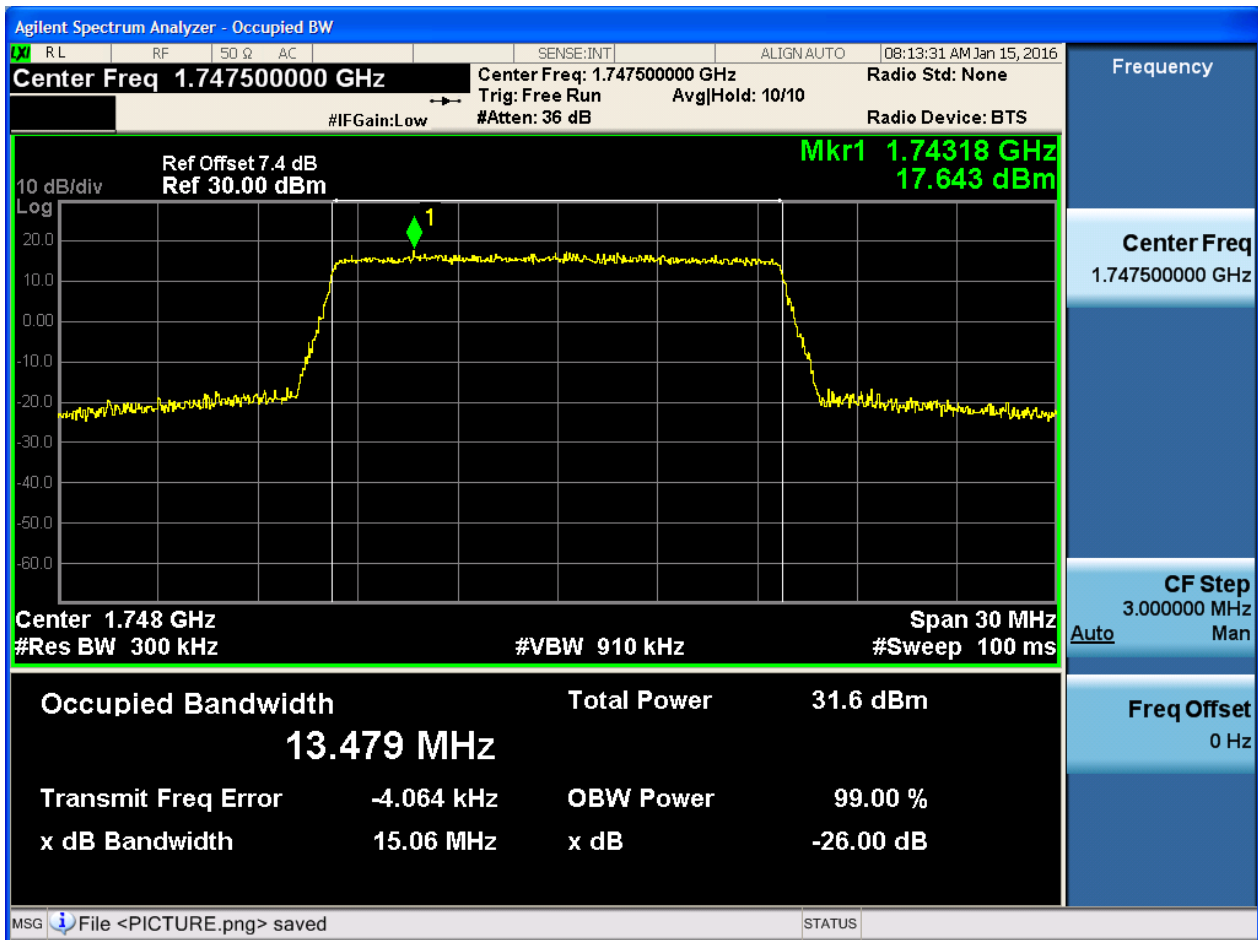
## 4.1.1.1.5.2.1 Test RB = RB75#0





## 4.1.1.1.5.3 Test Channel = HCH

## 4.1.1.1.5.3.1 Test RB = RB75#0

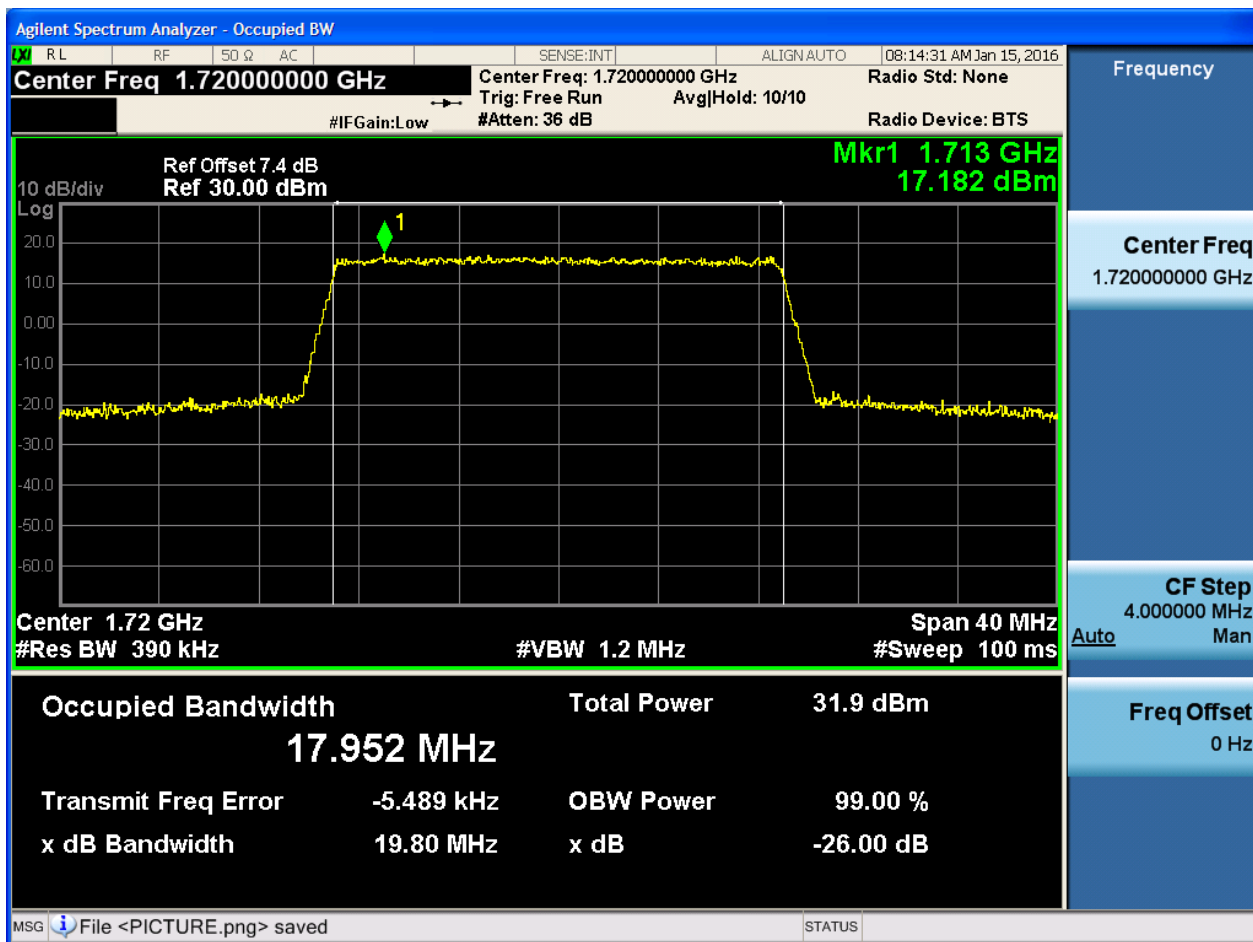




## 4.1.1.1.6 Test Bandwidth = 20

## 4.1.1.1.6.1 Test Channel = LCH

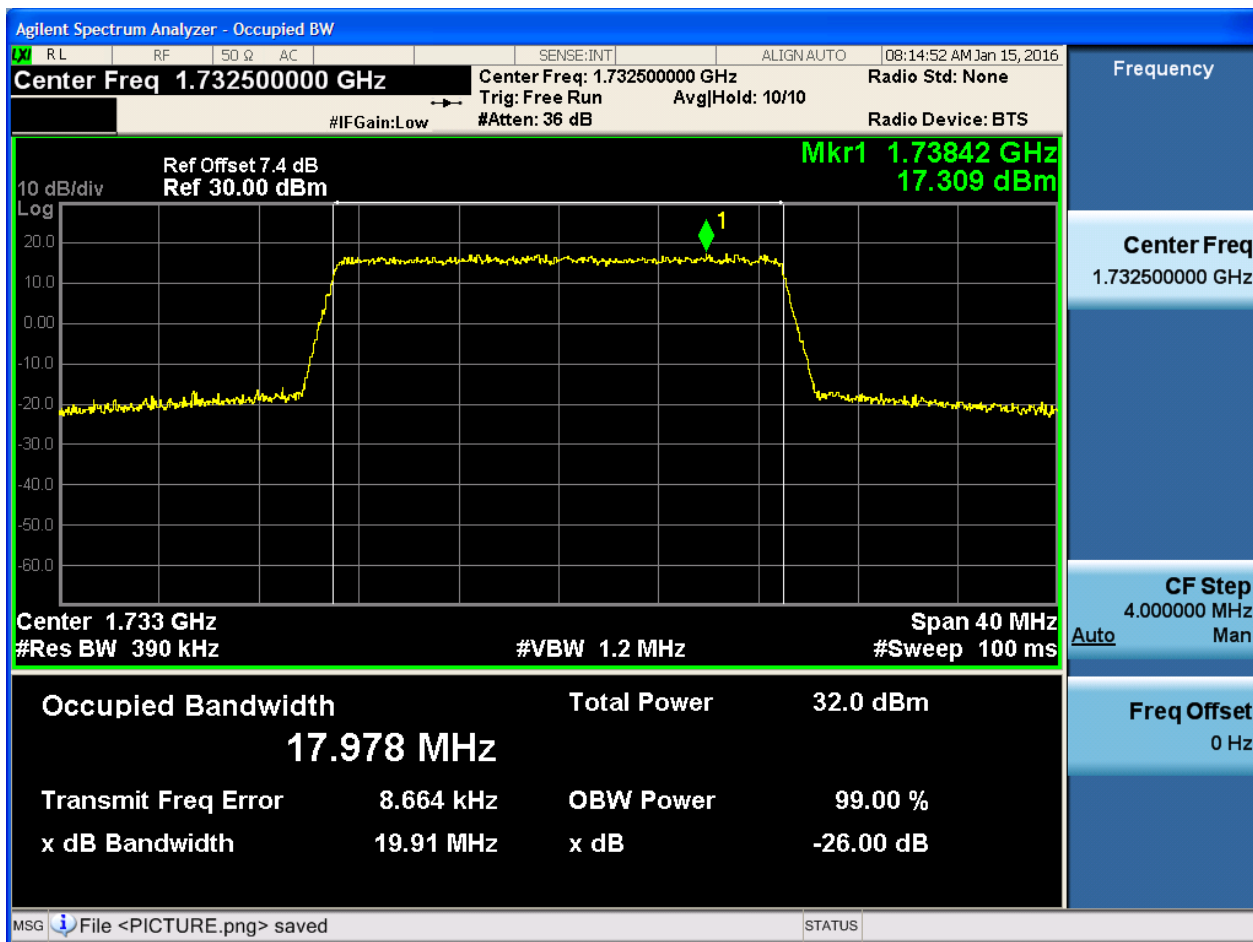
## 4.1.1.1.6.1.1 Test RB = RB100#0





## 4.1.1.1.6.2 Test Channel = MCH

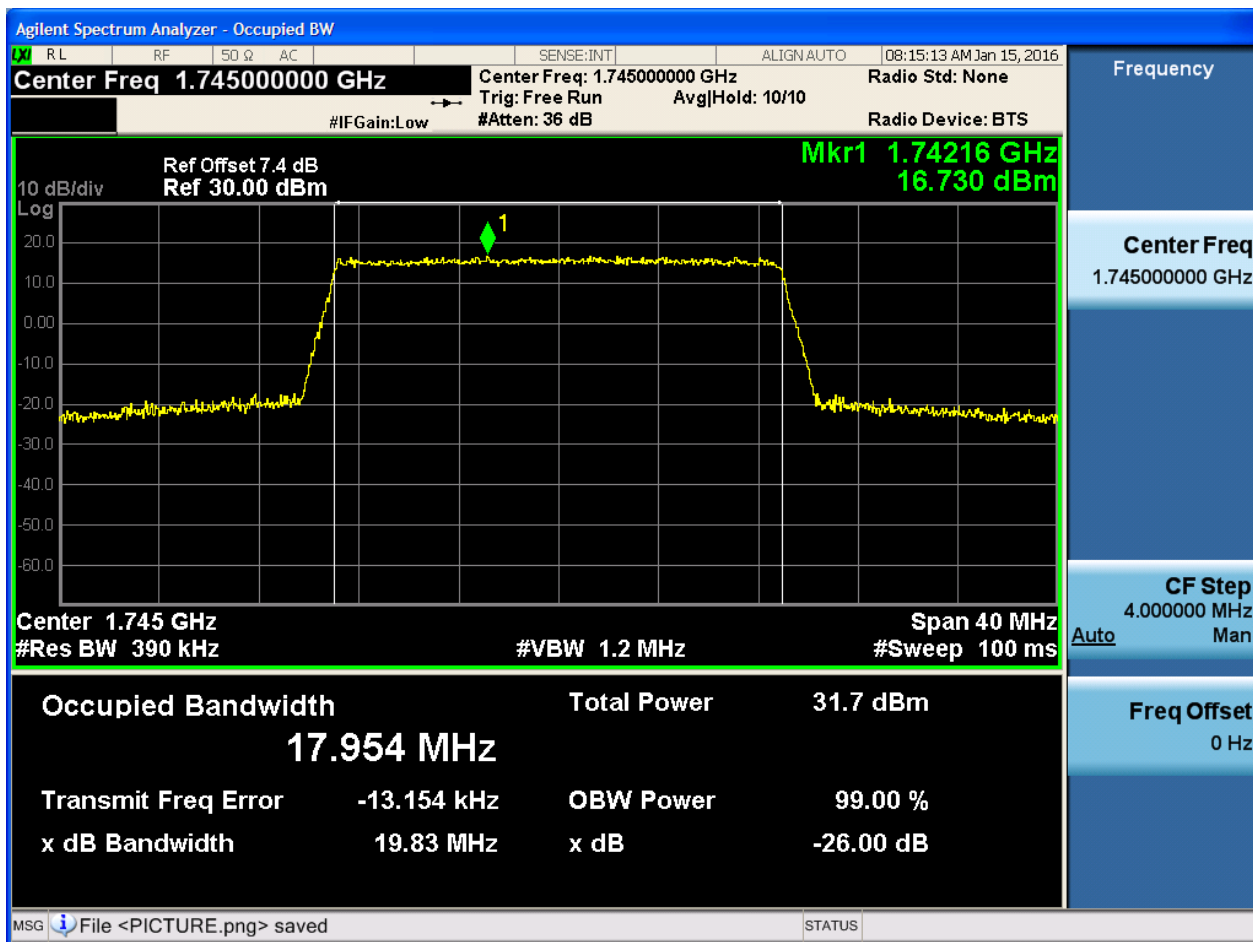
## 4.1.1.1.6.2.1 Test RB = RB100#0





## 4.1.1.1.6.3 Test Channel = HCH

## 4.1.1.1.6.3.1 Test RB = RB100#0

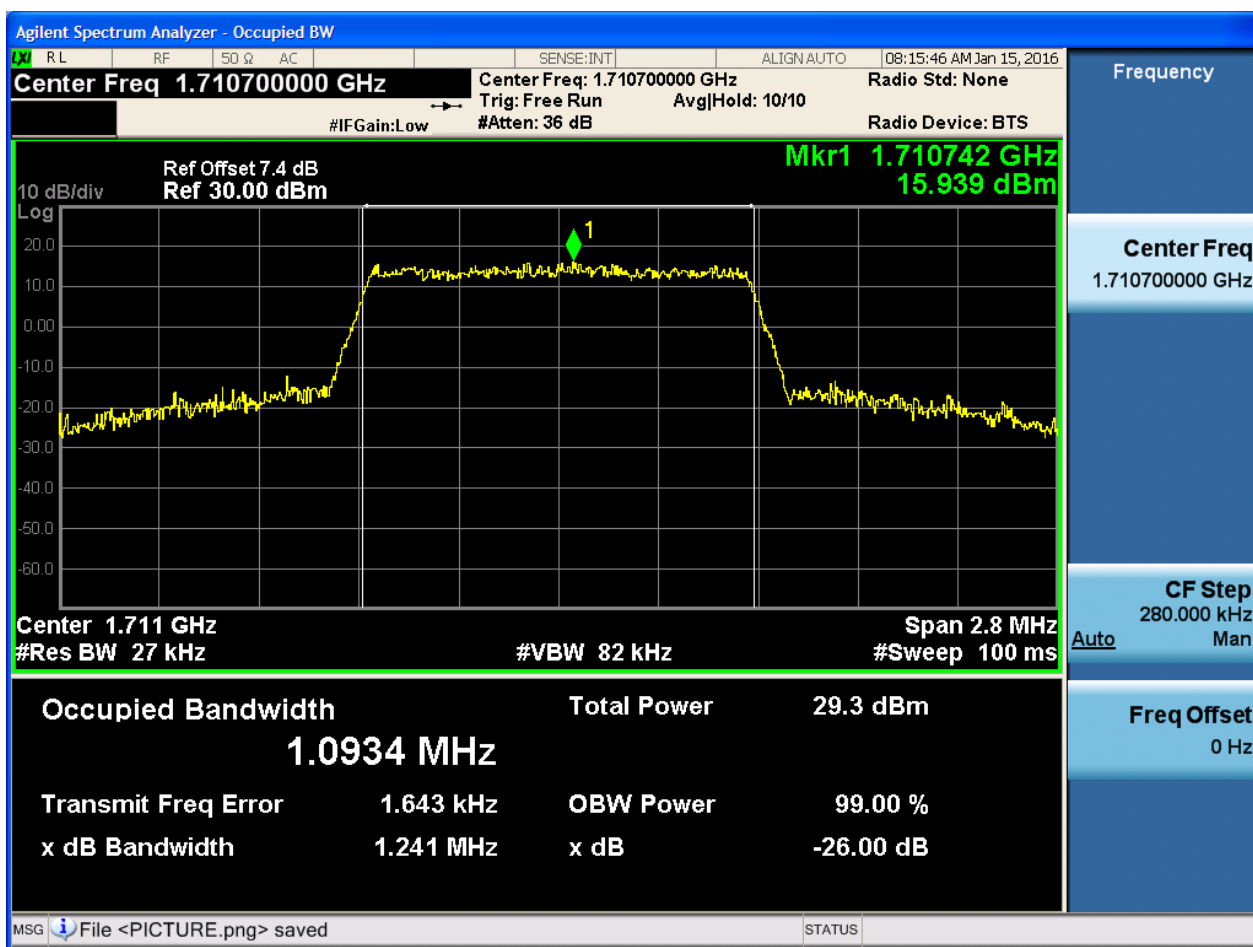


#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 1.4

##### 4.1.1.2.1.1 Test Channel = LCH

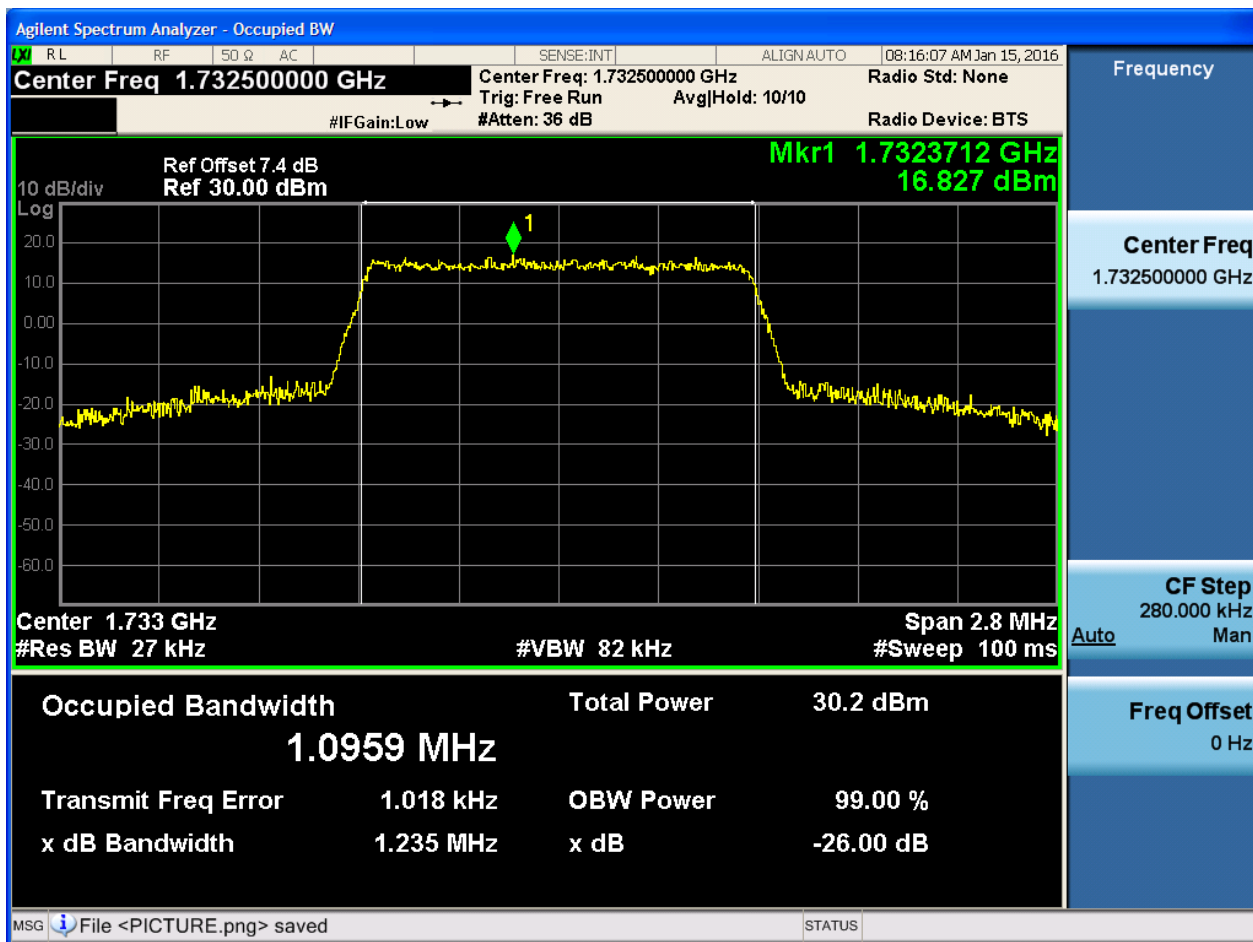
##### 4.1.1.2.1.1.1 Test RB = RB6#0





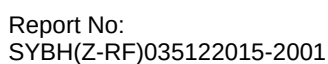
## 4.1.1.2.1.2 Test Channel = MCH

## 4.1.1.2.1.2.1 Test RB = RB6#0



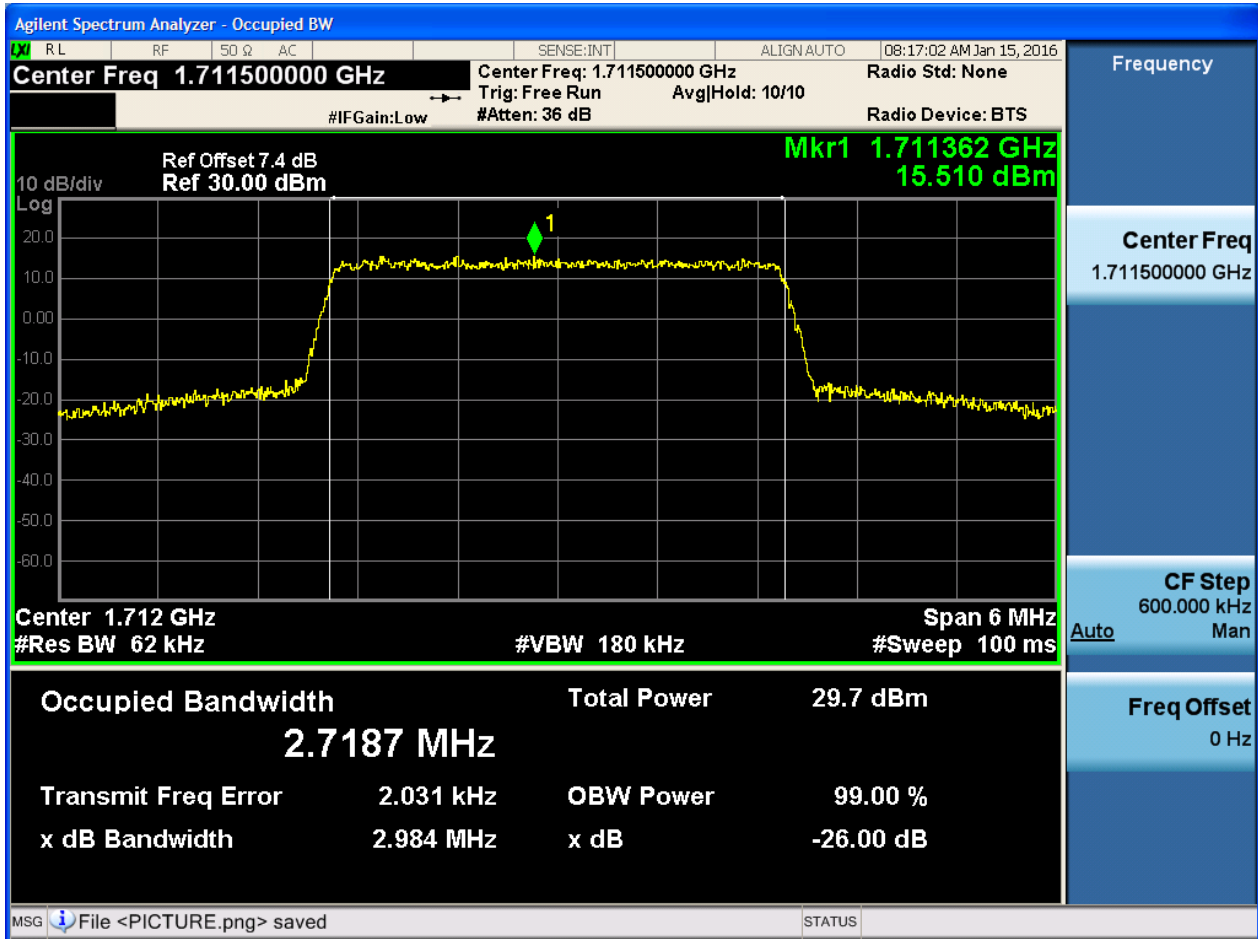


#### 4.1.1.2.1.3.1 Test RB = RB6#0





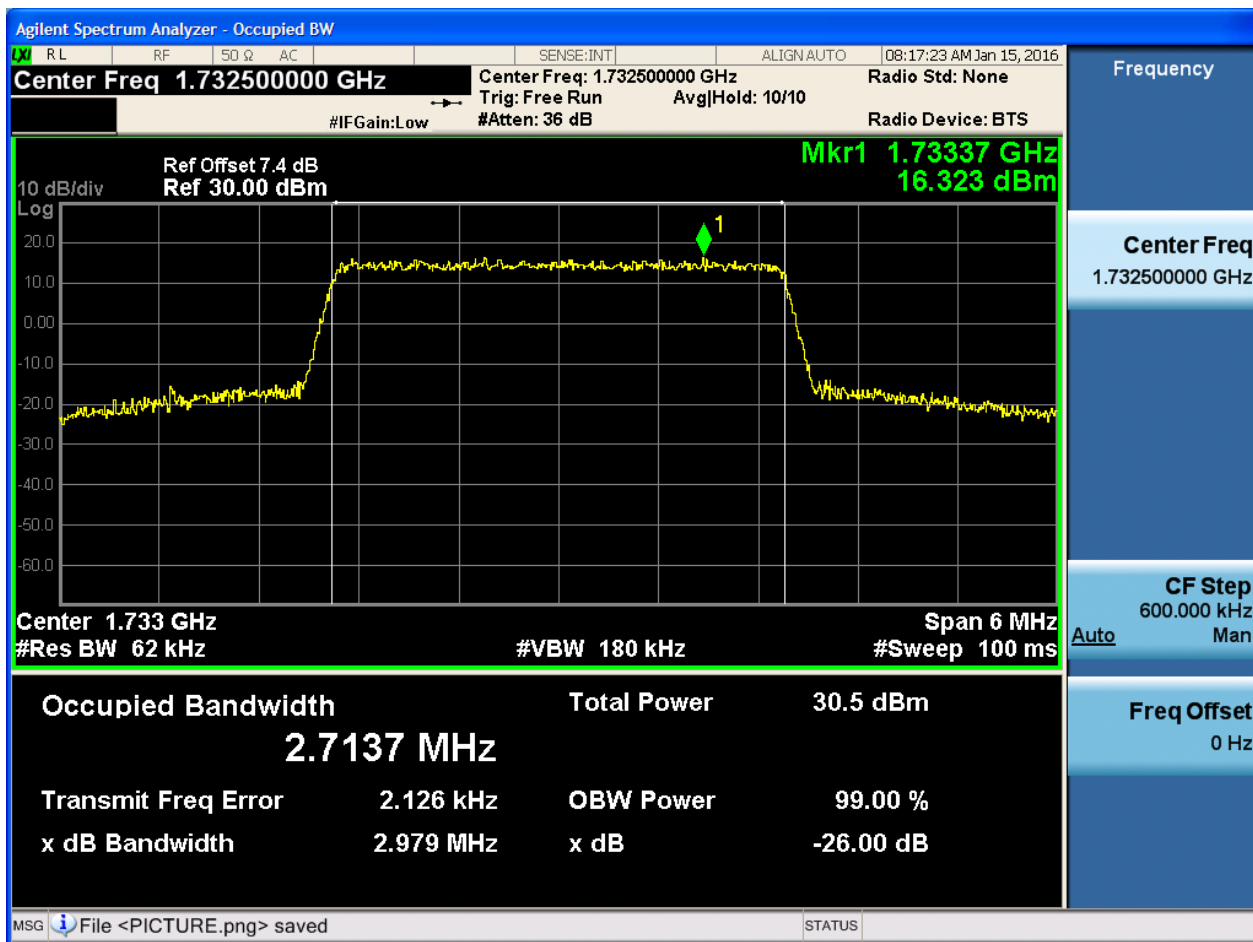
#### 4.1.1.2.2.1.1 Test RB = RB15#0





## 4.1.1.2.2.2 Test Channel = MCH

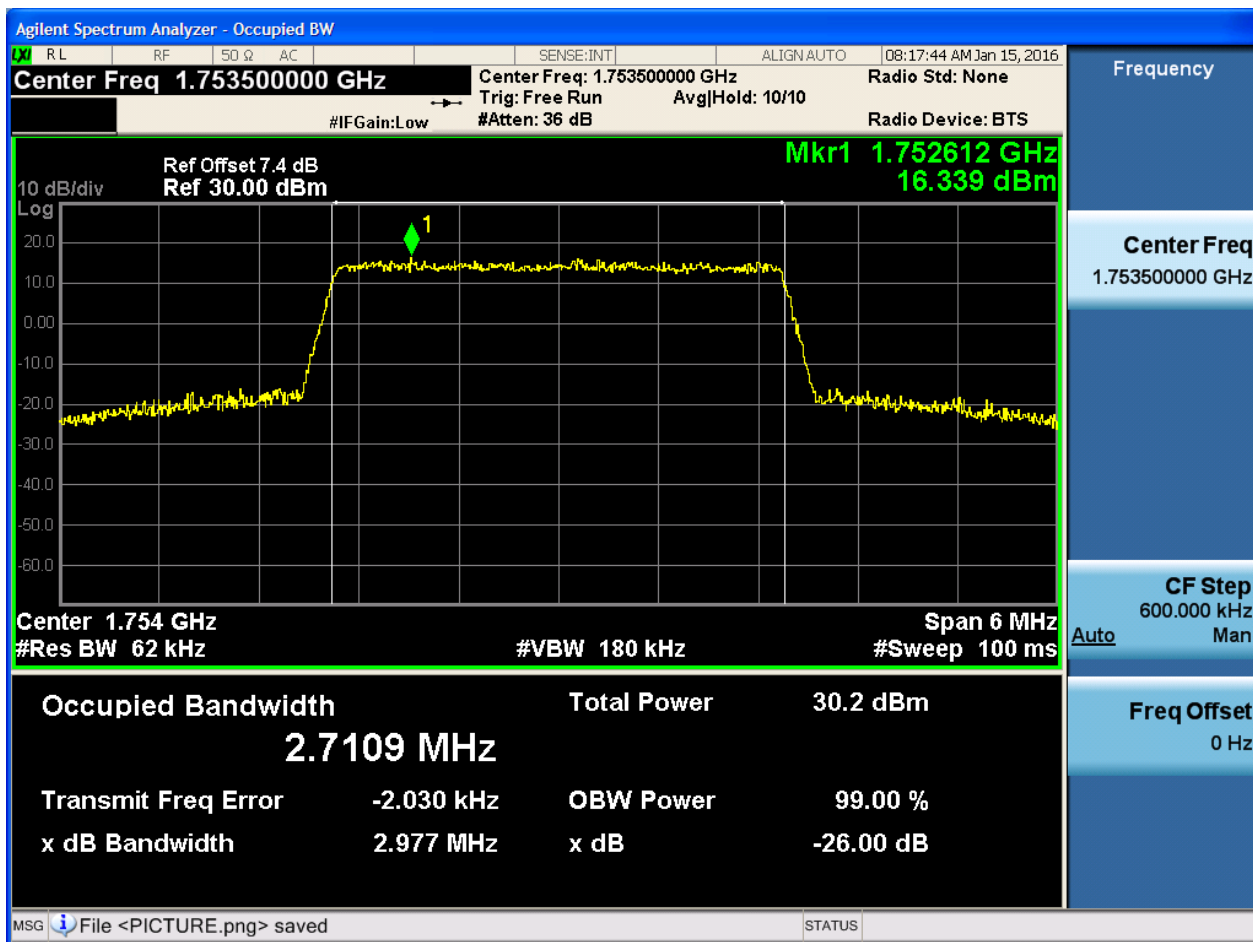
## 4.1.1.2.2.2.1 Test RB = RB15#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB15#0

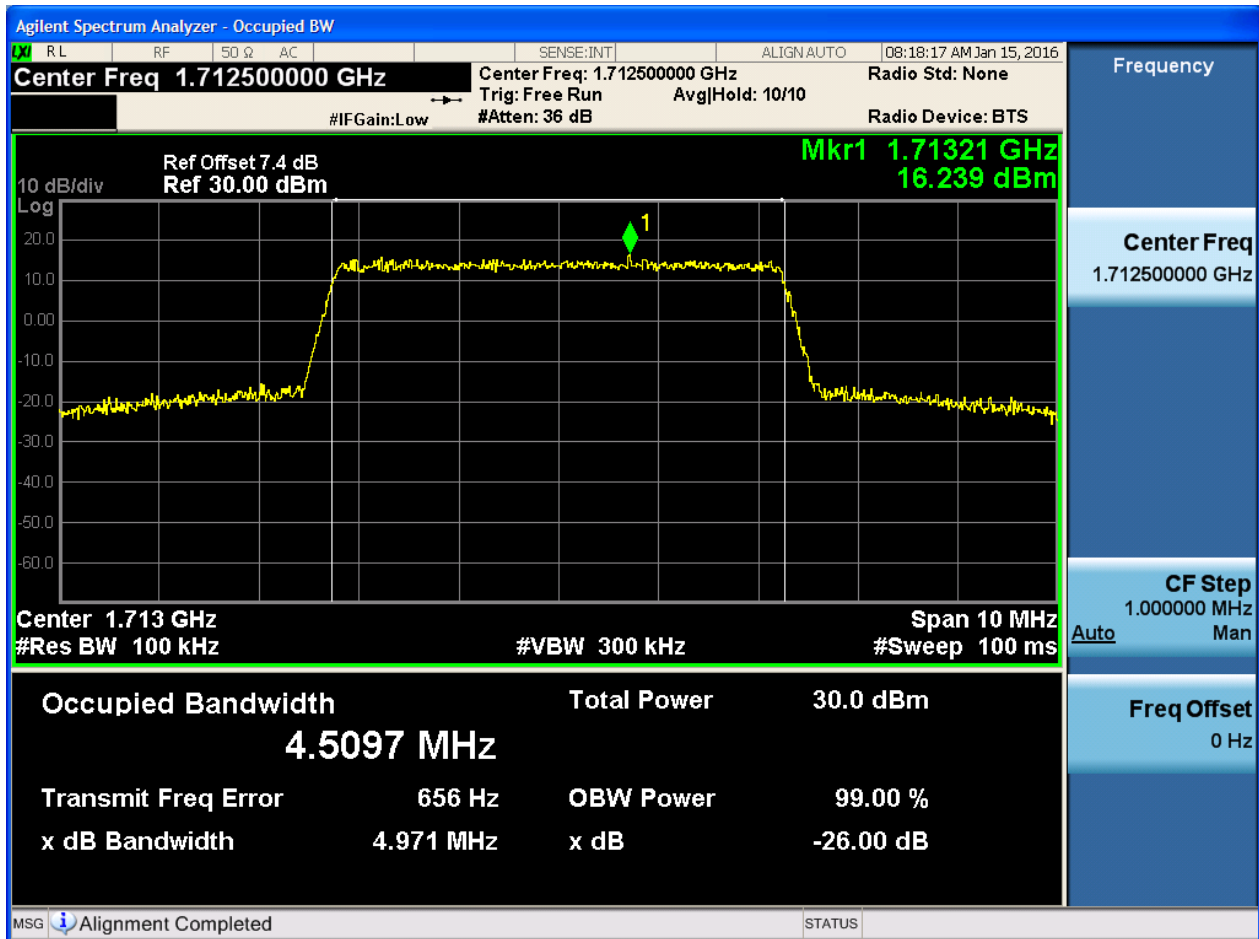




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

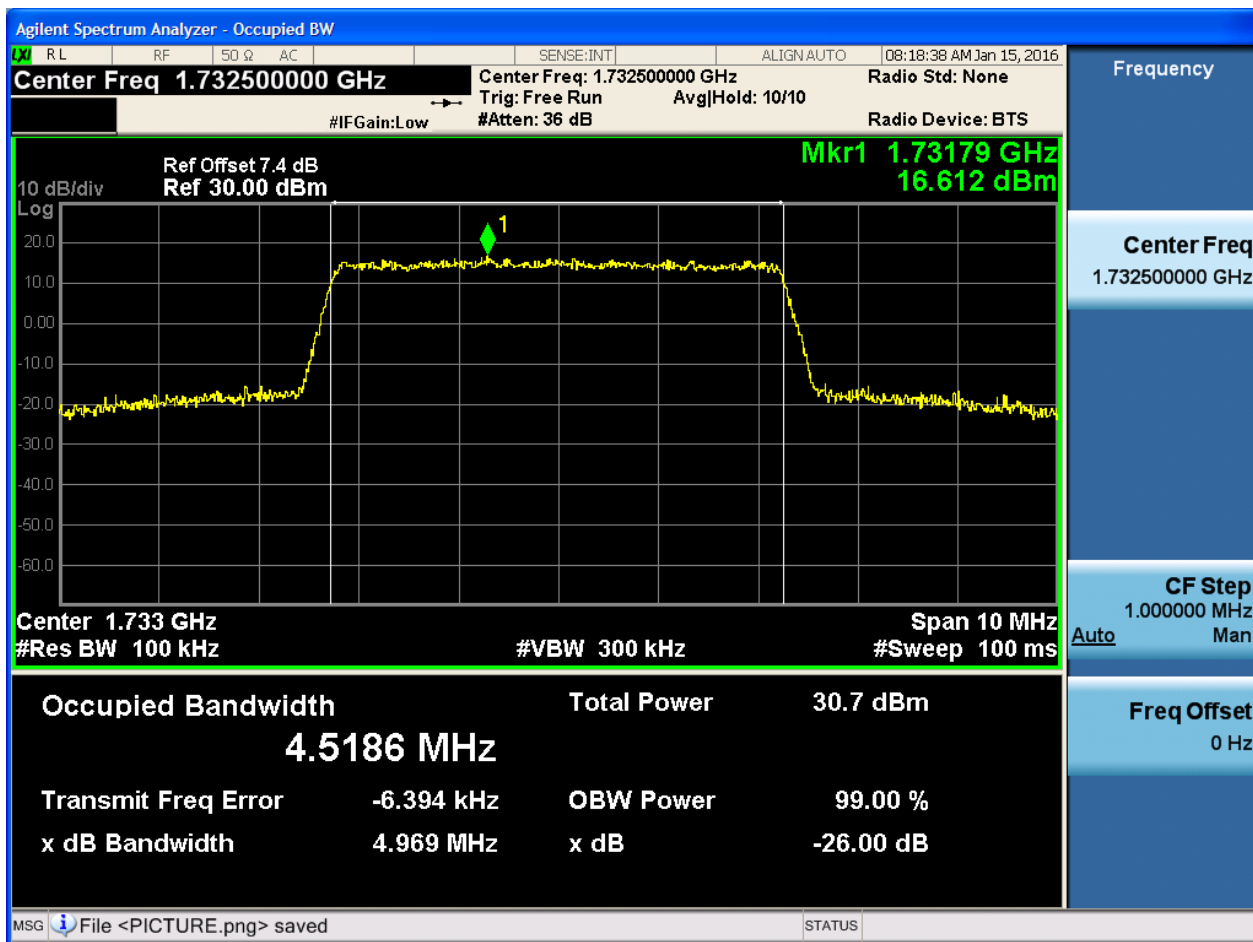
## 4.1.1.2.3.1.1 Test RB = RB25#0





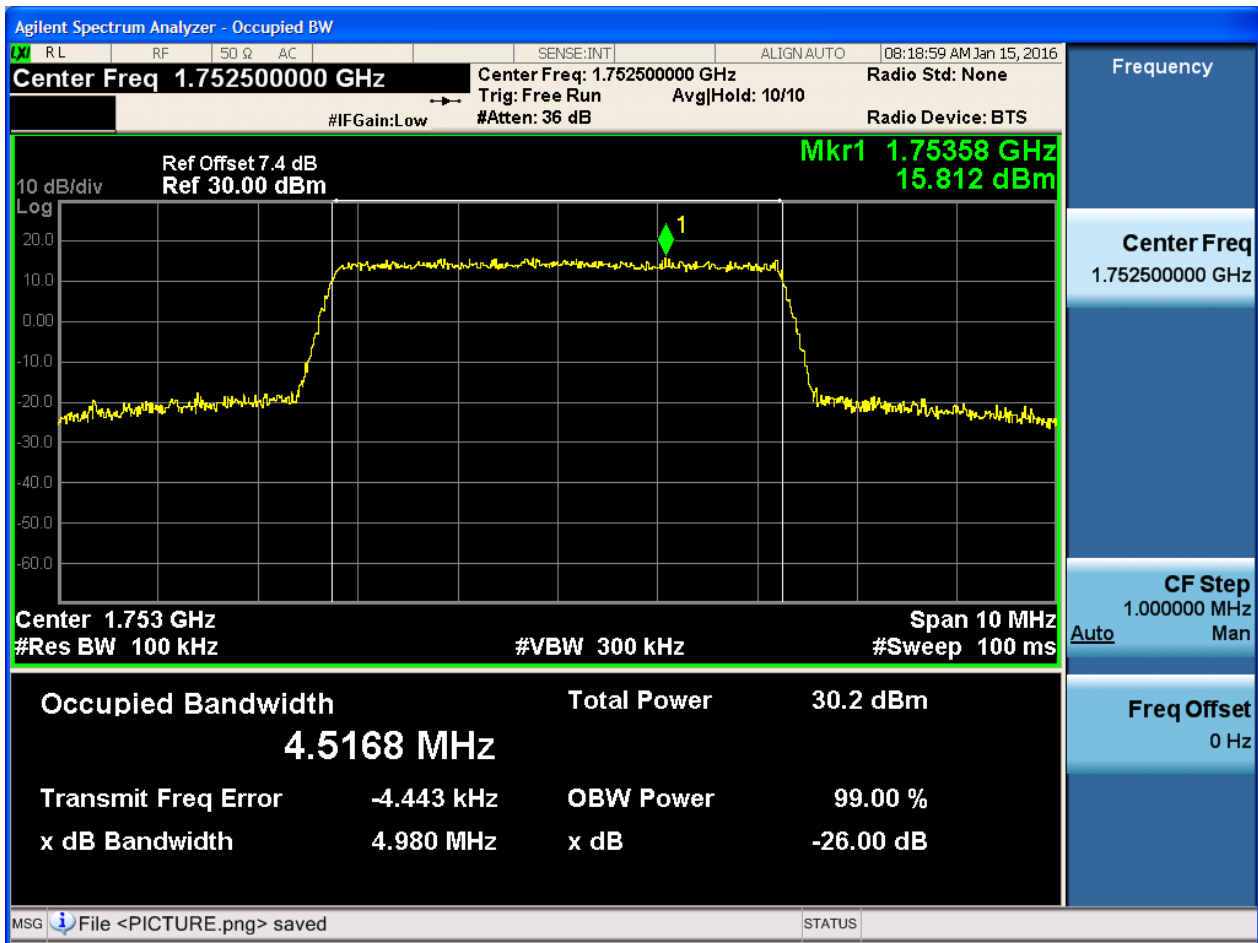
## 4.1.1.2.3.2 Test Channel = MCH

## 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

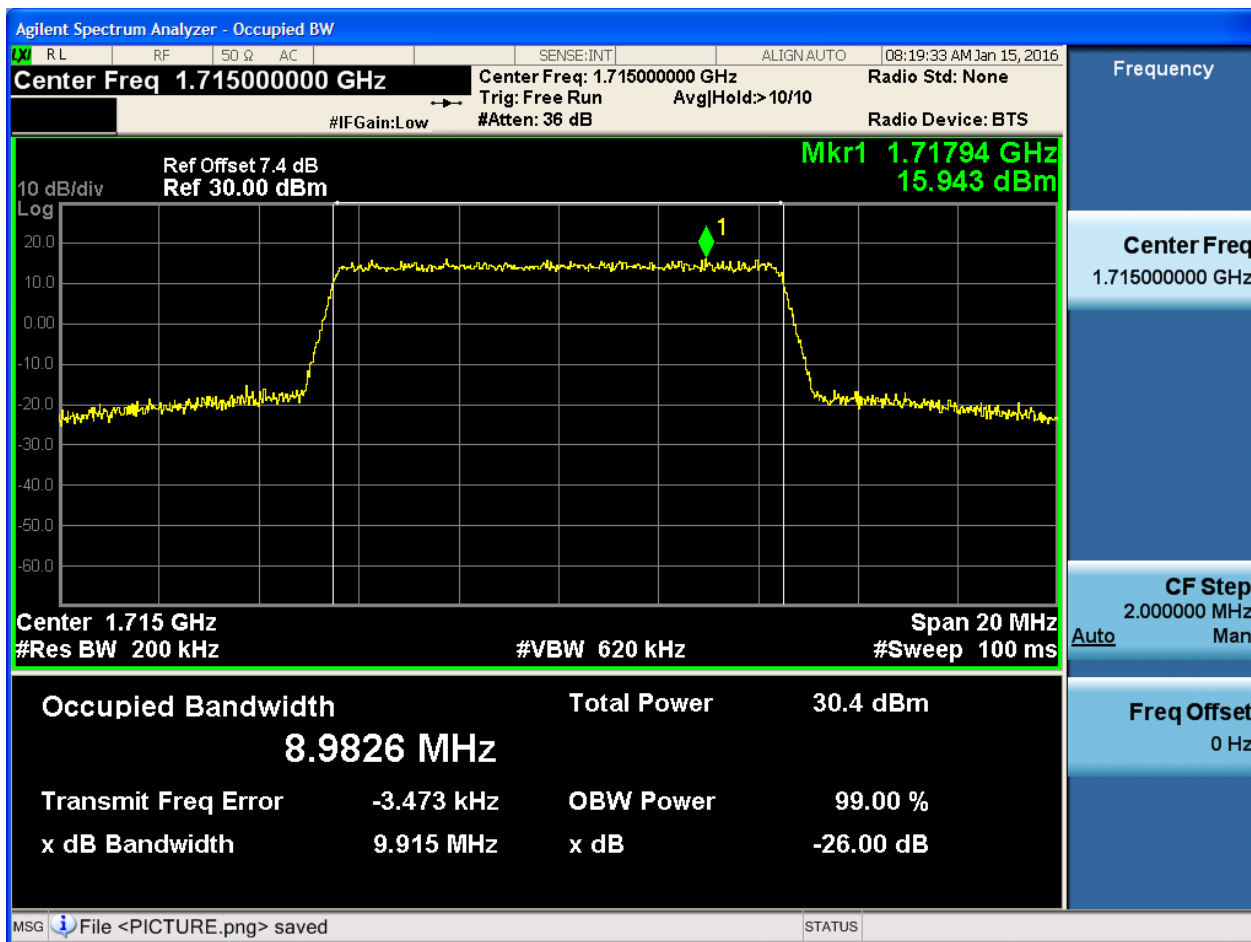




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH

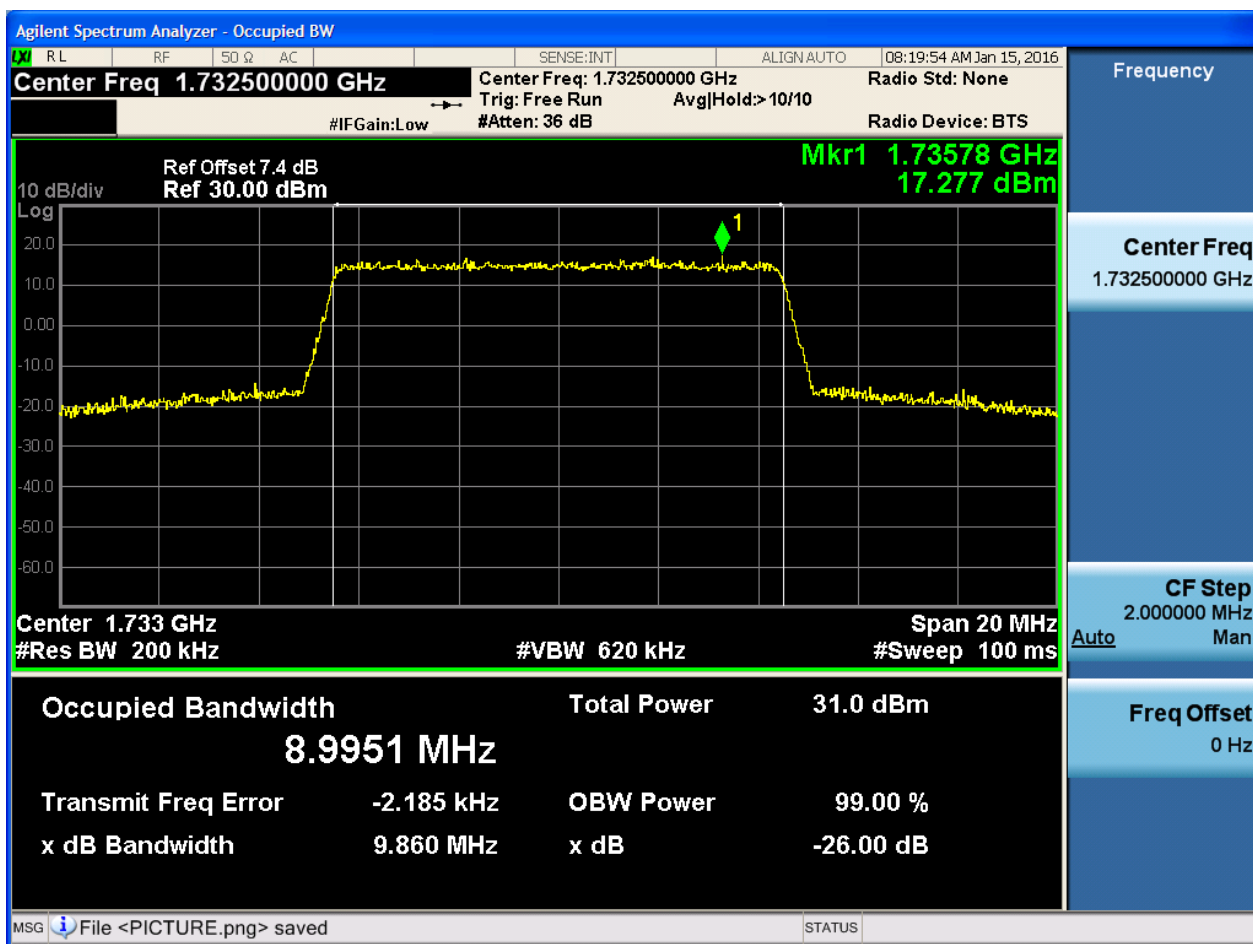
## 4.1.1.2.4.1.1 Test RB = RB50#0





## 4.1.1.2.4.2 Test Channel = MCH

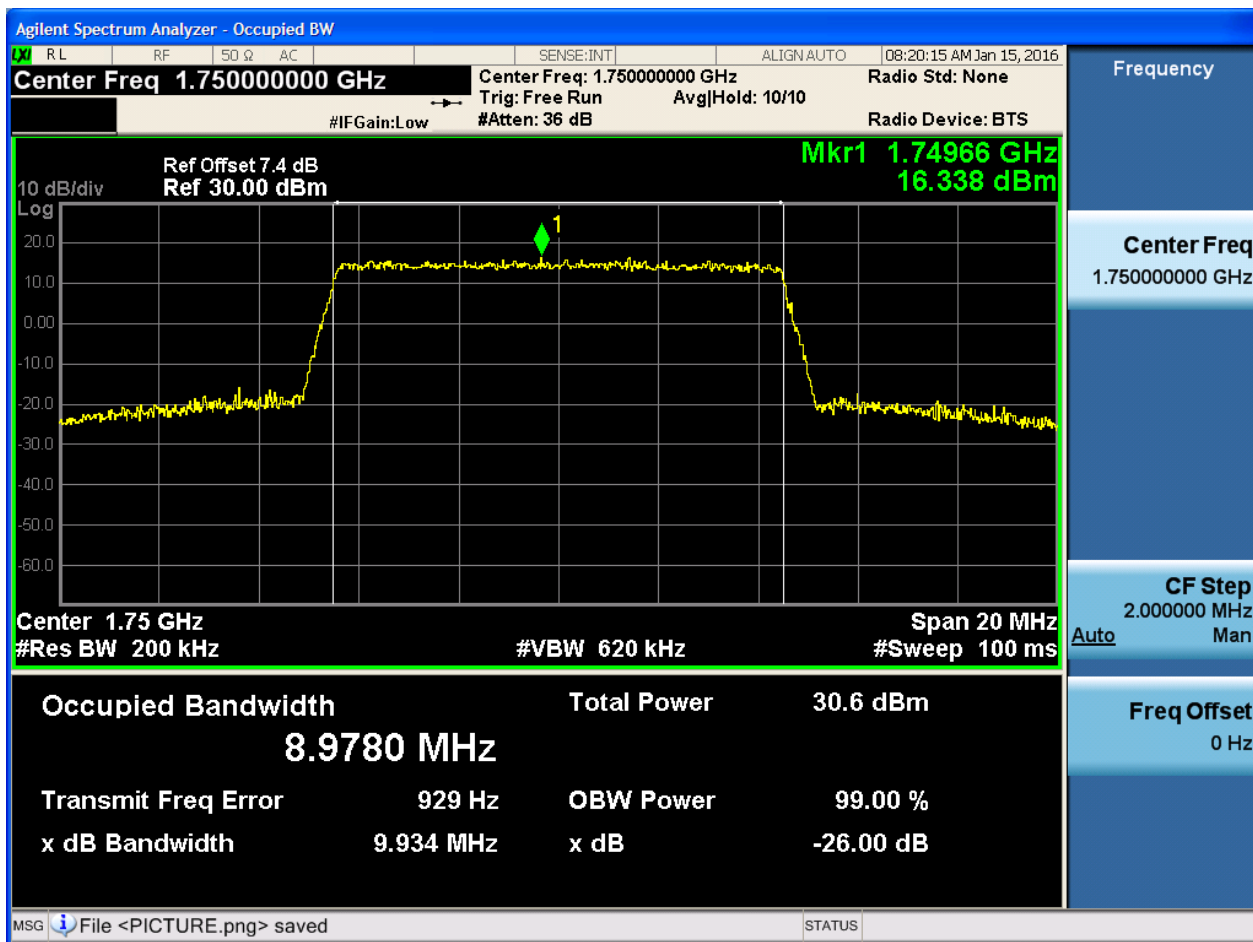
## 4.1.1.2.4.2.1 Test RB = RB50#0





## 4.1.1.2.4.3 Test Channel = HCH

## 4.1.1.2.4.3.1 Test RB = RB50#0

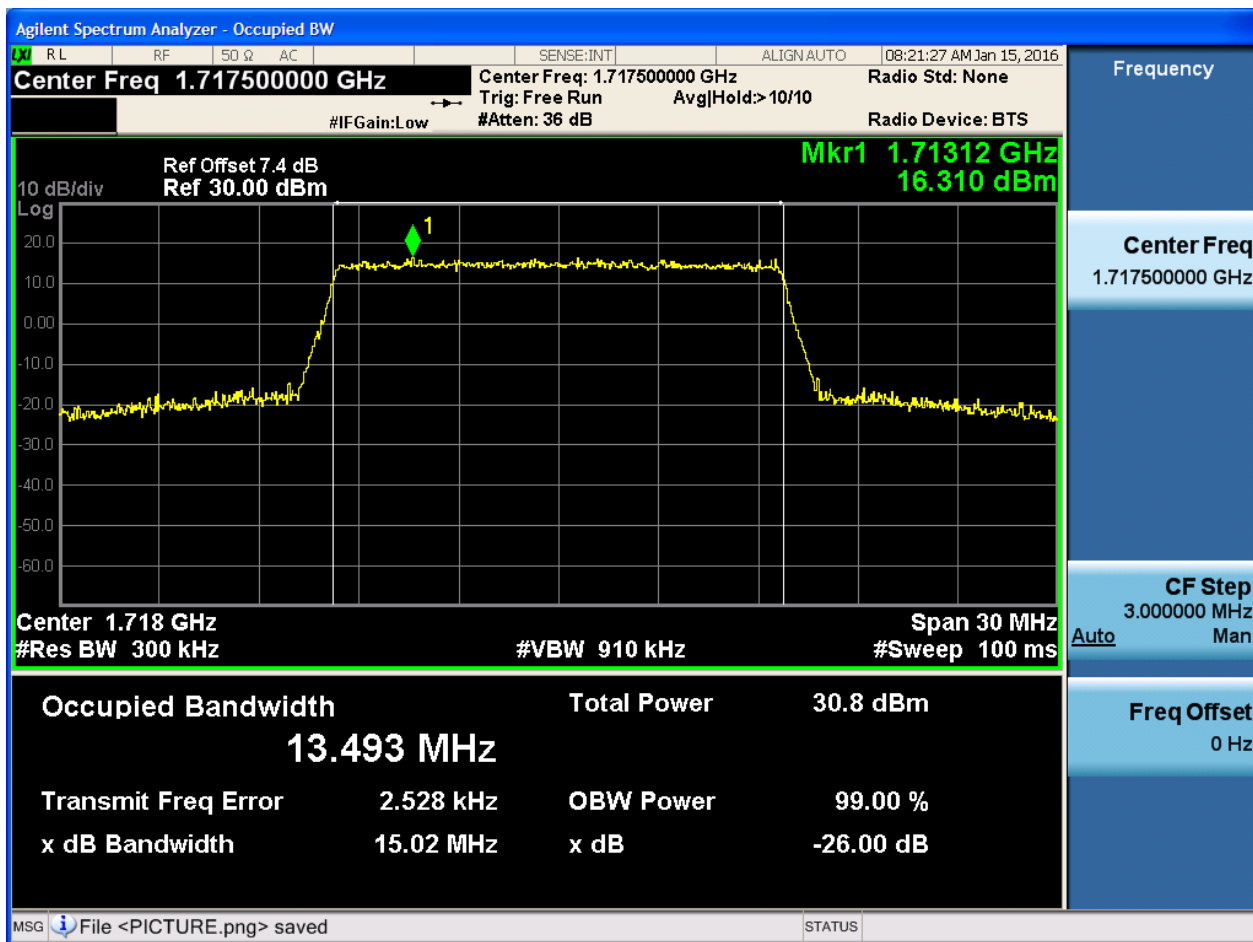




## 4.1.1.2.5 Test Bandwidth = 15

## 4.1.1.2.5.1 Test Channel = LCH

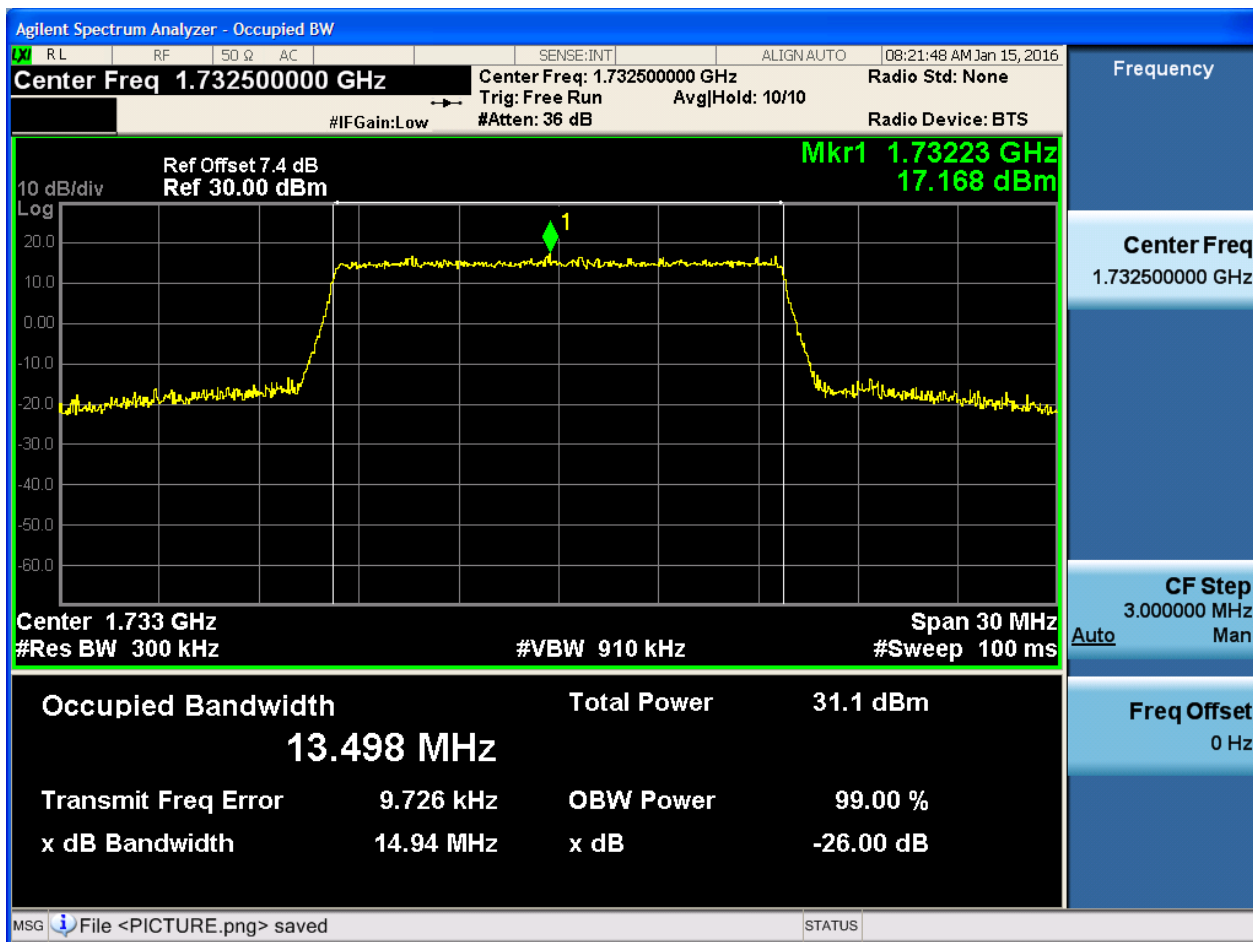
## 4.1.1.2.5.1.1 Test RB = RB75#0





## 4.1.1.2.5.2 Test Channel = MCH

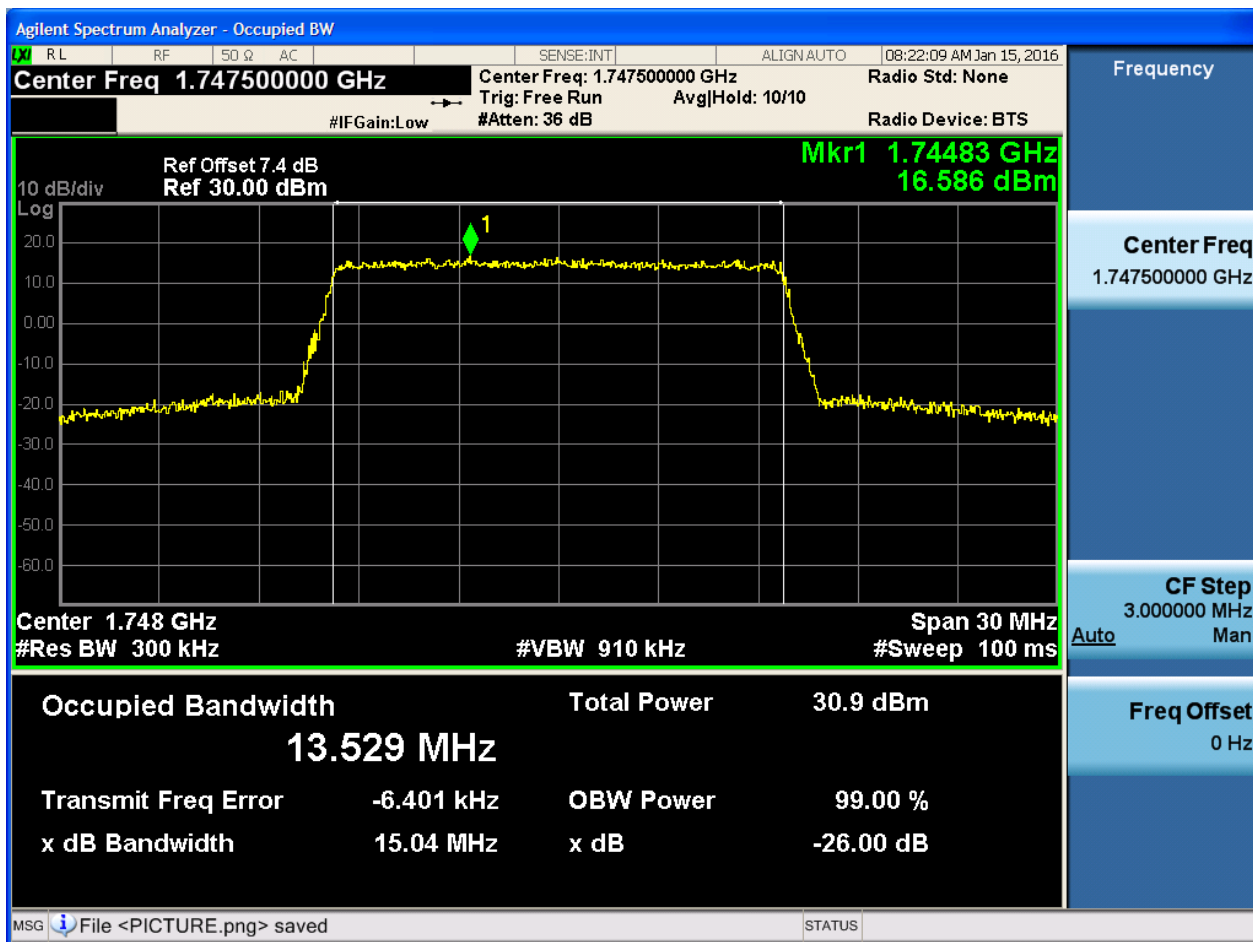
## 4.1.1.2.5.2.1 Test RB = RB75#0





## 4.1.1.2.5.3 Test Channel = HCH

## 4.1.1.2.5.3.1 Test RB = RB75#0

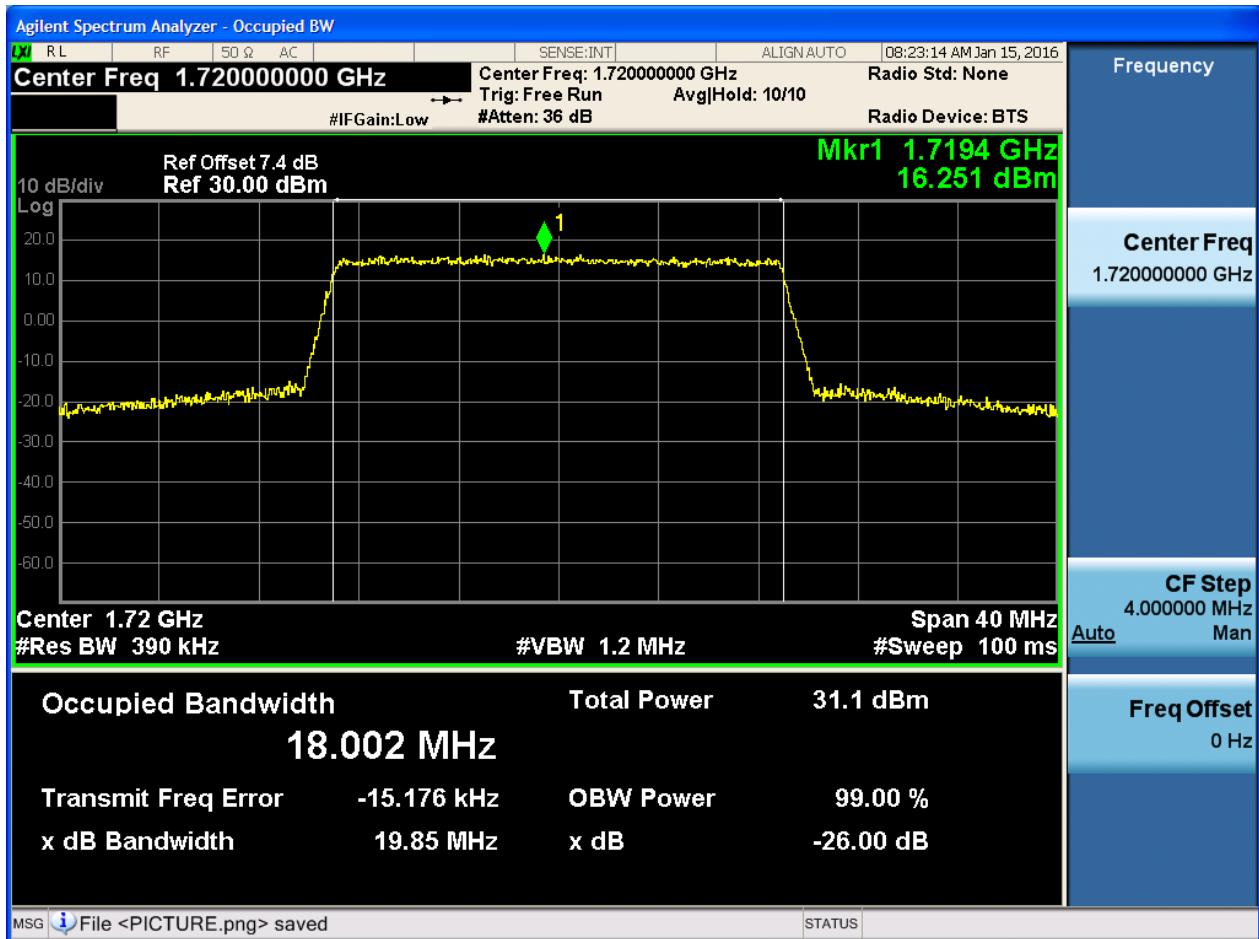




## 4.1.1.2.6 Test Bandwidth = 20

## 4.1.1.2.6.1 Test Channel = LCH

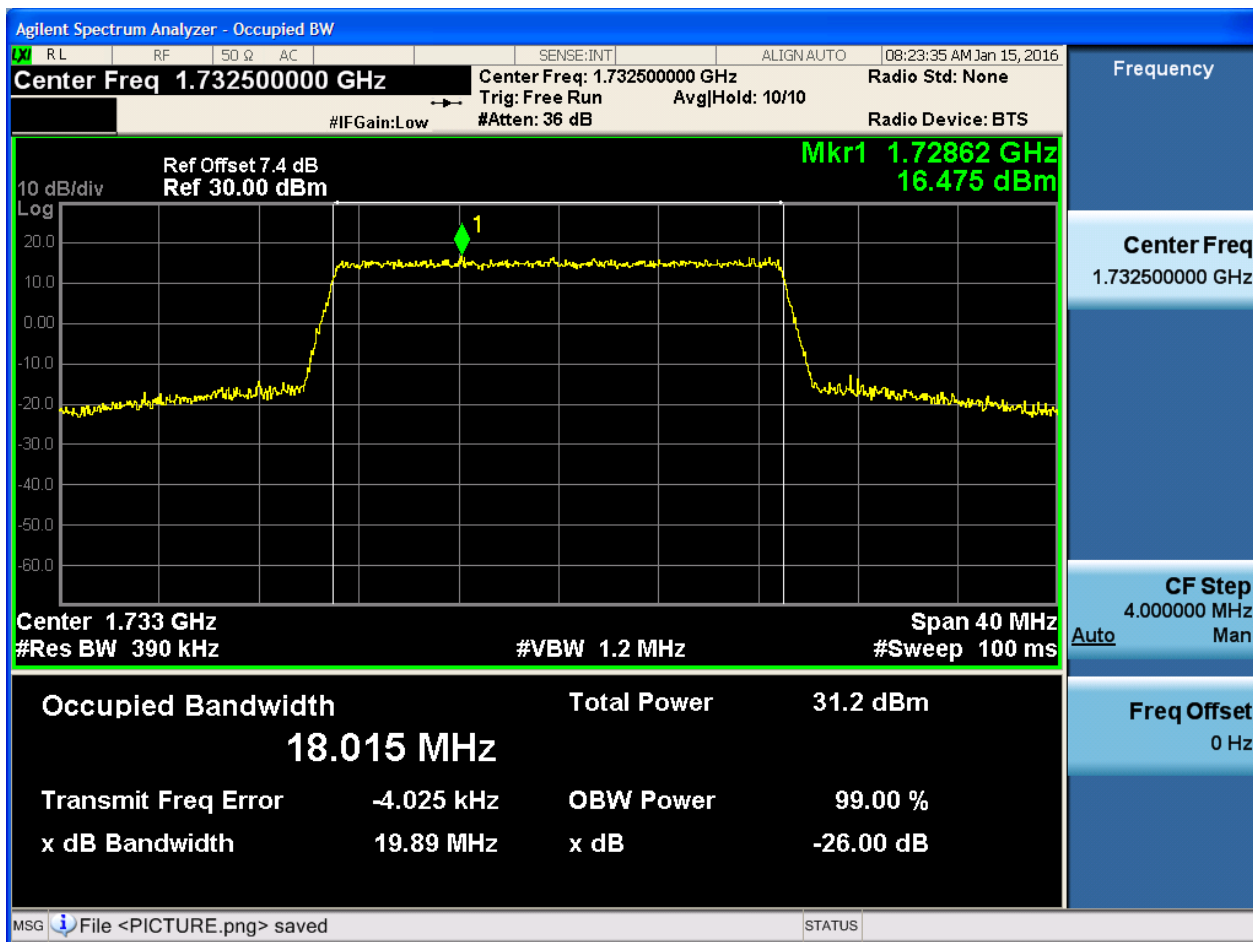
## 4.1.1.2.6.1.1 Test RB = RB100#0





## 4.1.1.2.6.2 Test Channel = MCH

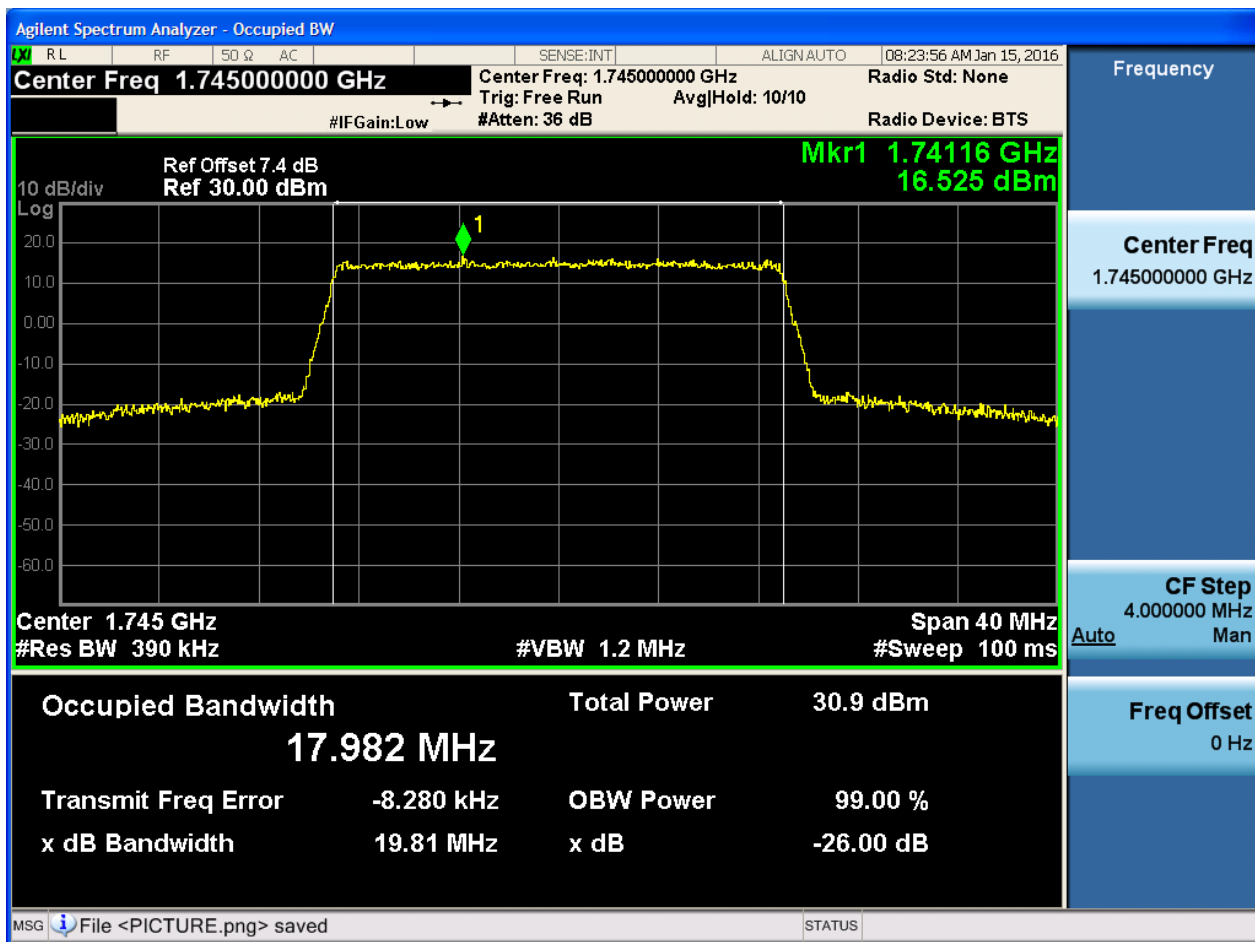
## 4.1.1.2.6.2.1 Test RB = RB100#0





## 4.1.1.2.6.3 Test Channel = HCH

## 4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

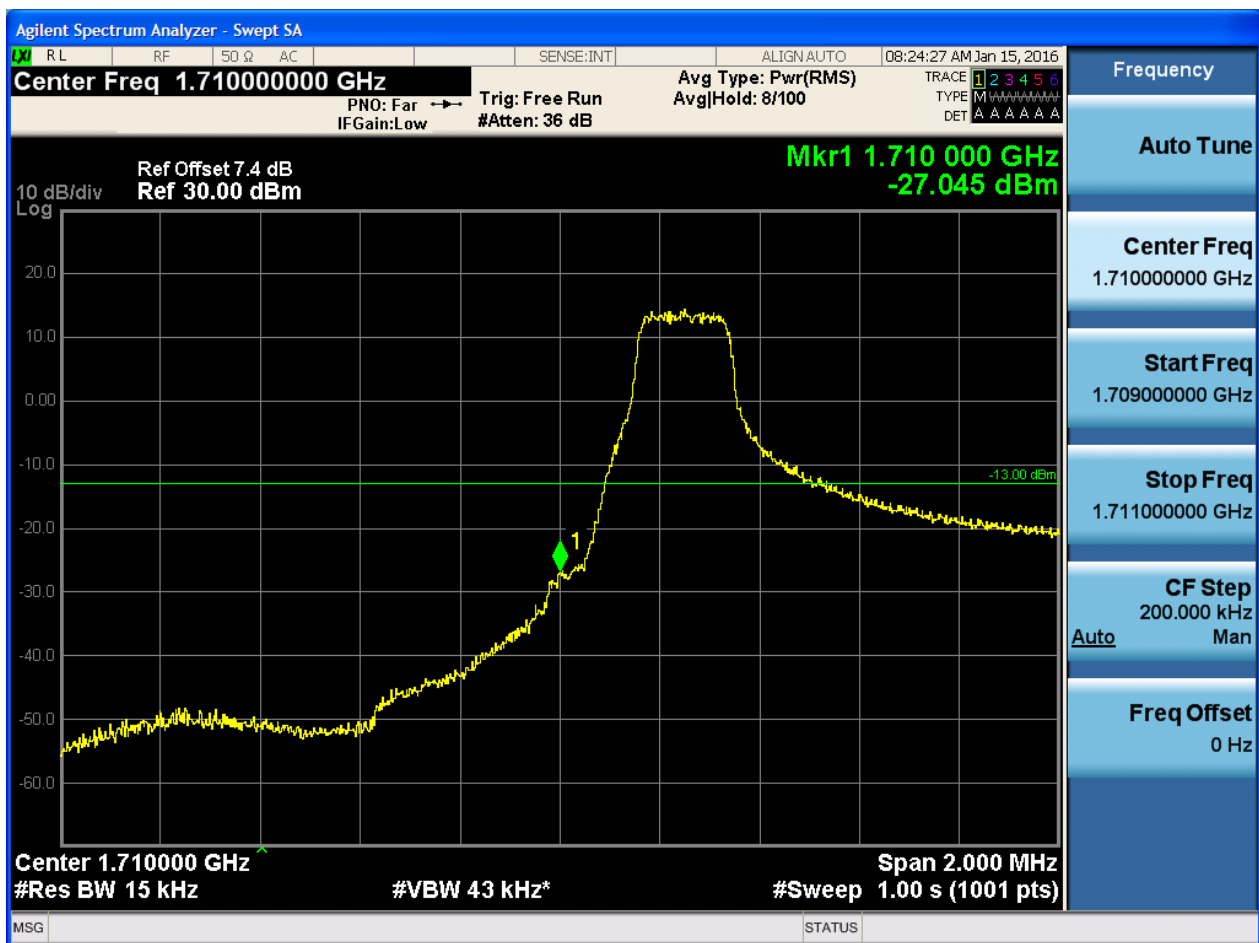
##### 5.1.1 Test Band = BAND4

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

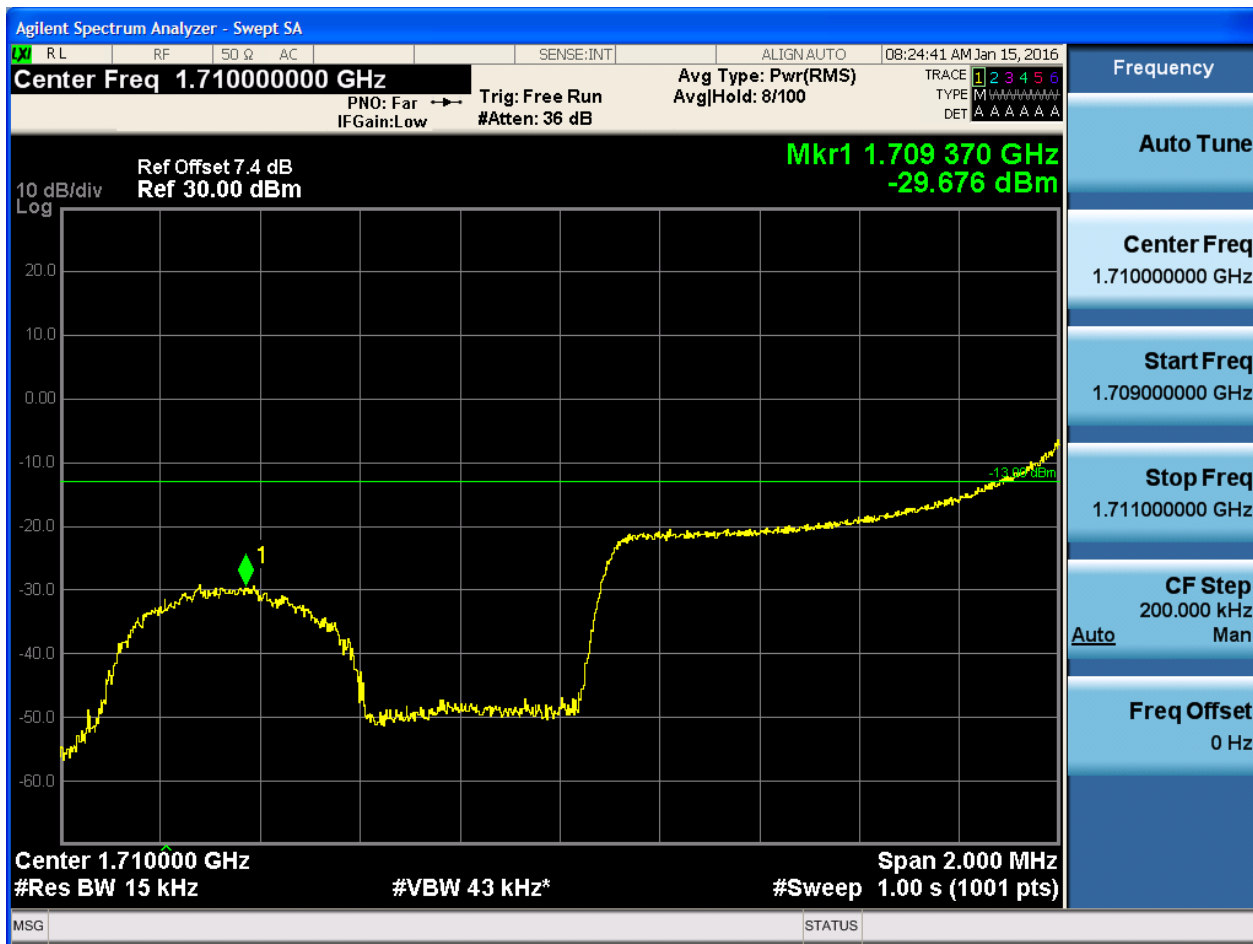
##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0



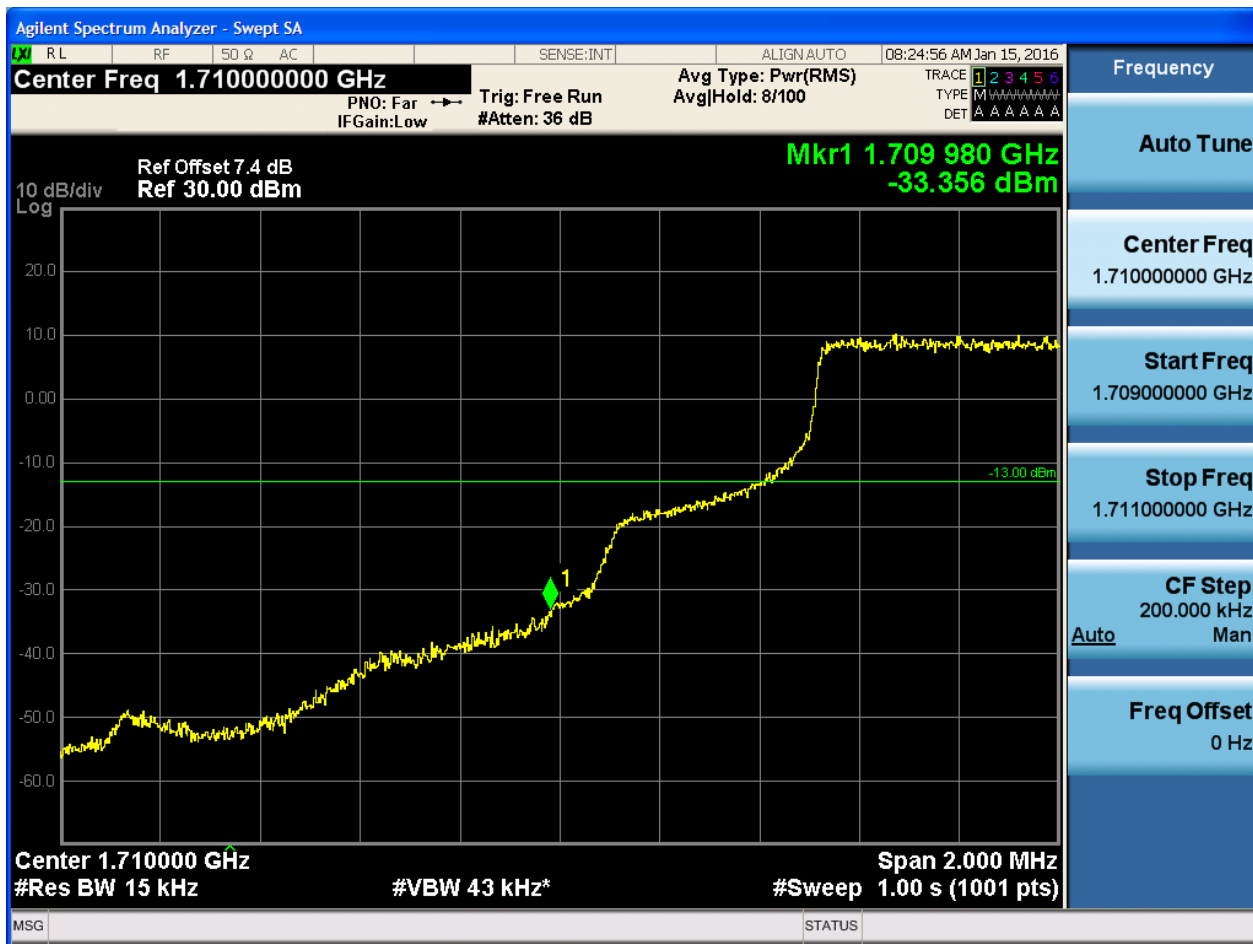


## 5.1.1.1.1.2 Test RB = RB1#5



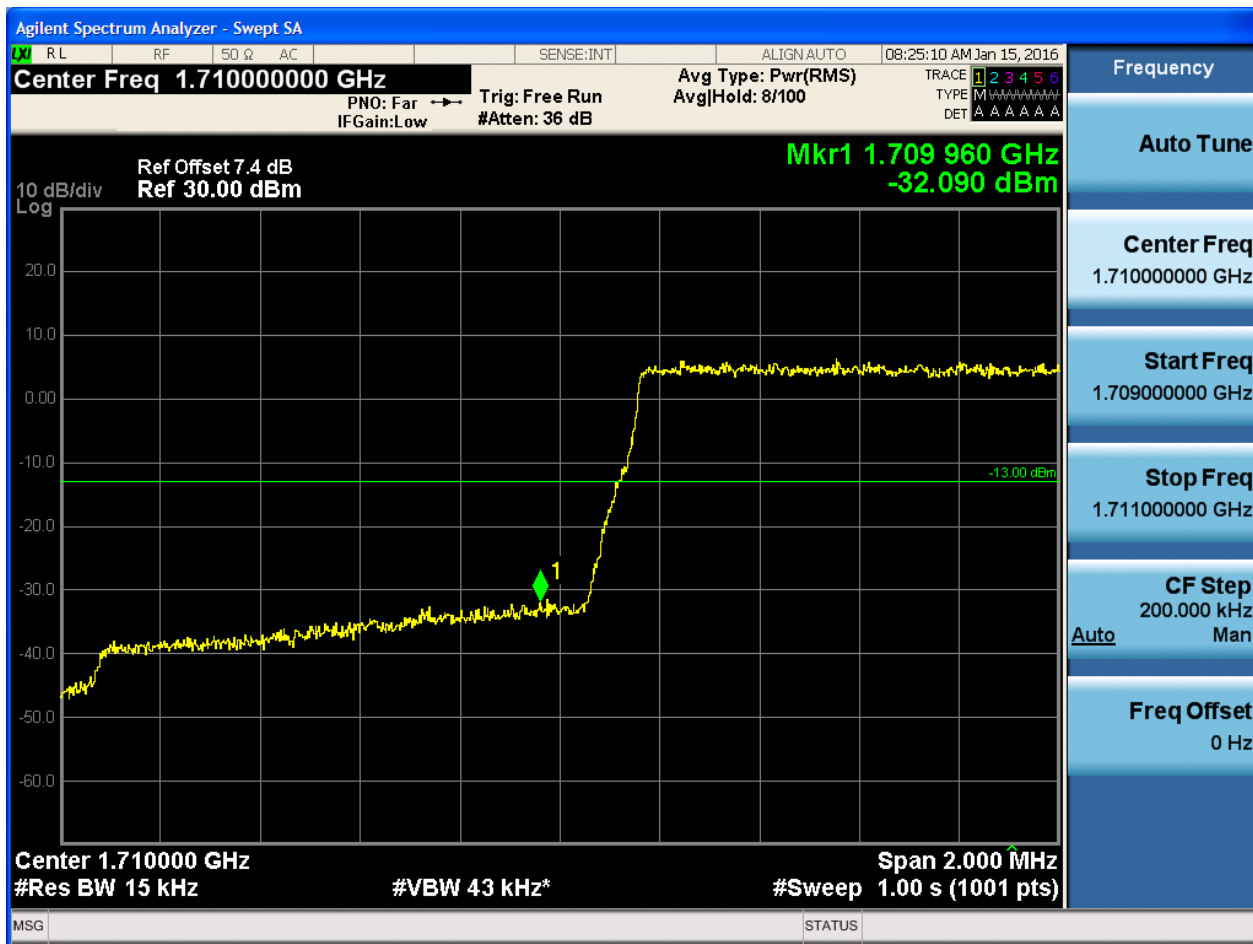


## 5.1.1.1.1.3 Test RB = RB3#2



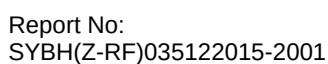


## 5.1.1.1.1.4 Test RB = RB6#0



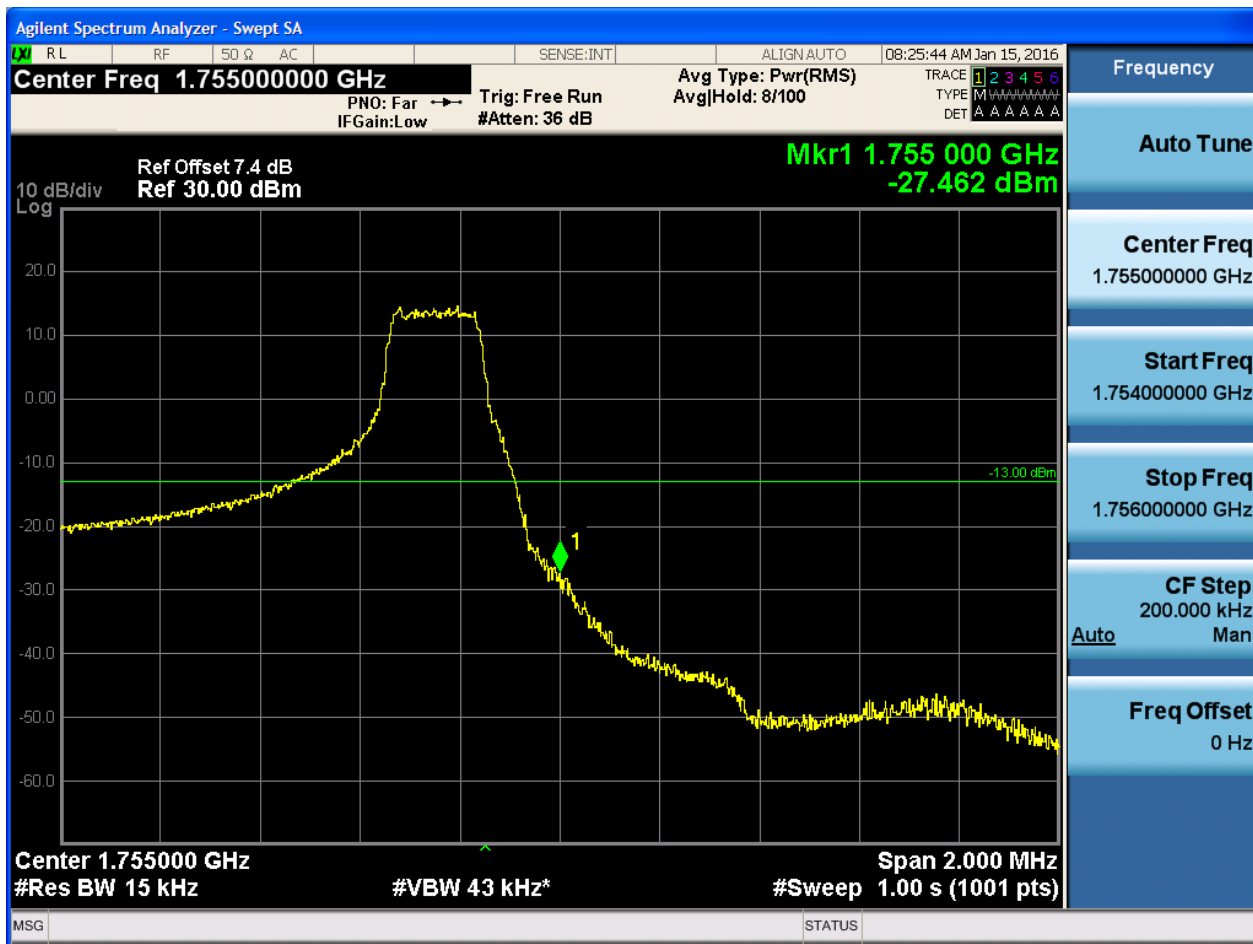


#### 5.1.1.1.1.2.1 Test RB = RB1#0





## 5.1.1.1.2.2 Test RB = RB1#5





## 5.1.1.1.1.2.3 Test RB = RB3#2



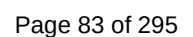


## 5.1.1.1.2.4 Test RB = RB6#0





#### 5.1.1.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.71000000 GHz

Ref Offset 7.4 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.710 GHz  
-34.251 dBm

Center 1.710000 GHz  
#Res BW 30 kHz  
#VBW 91 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq  
1.71000000 GHz

Start Freq  
1.709000000 GHz

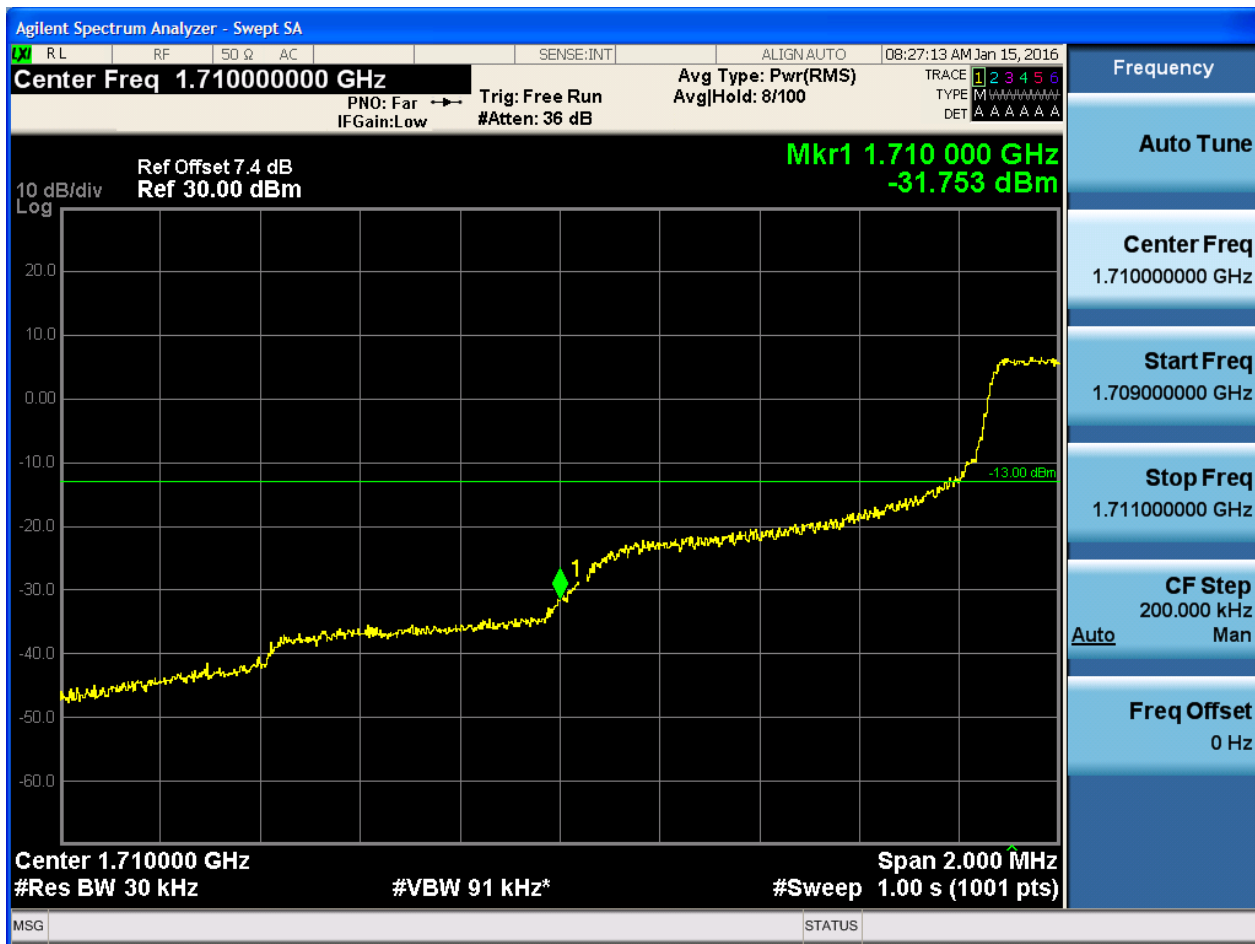
Stop Freq  
1.711000000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz

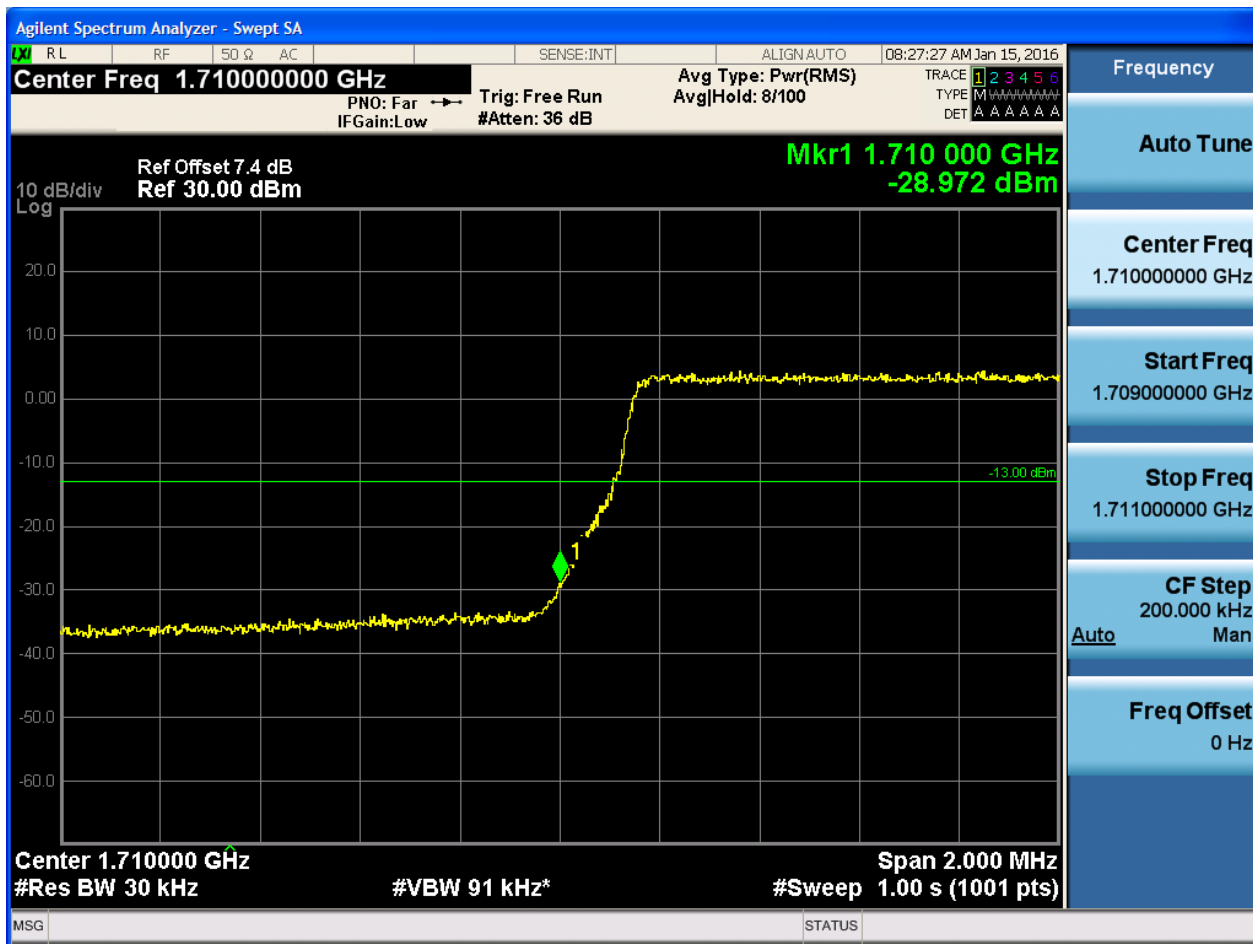


## 5.1.1.1.2.1.3 Test RB = RB8#4





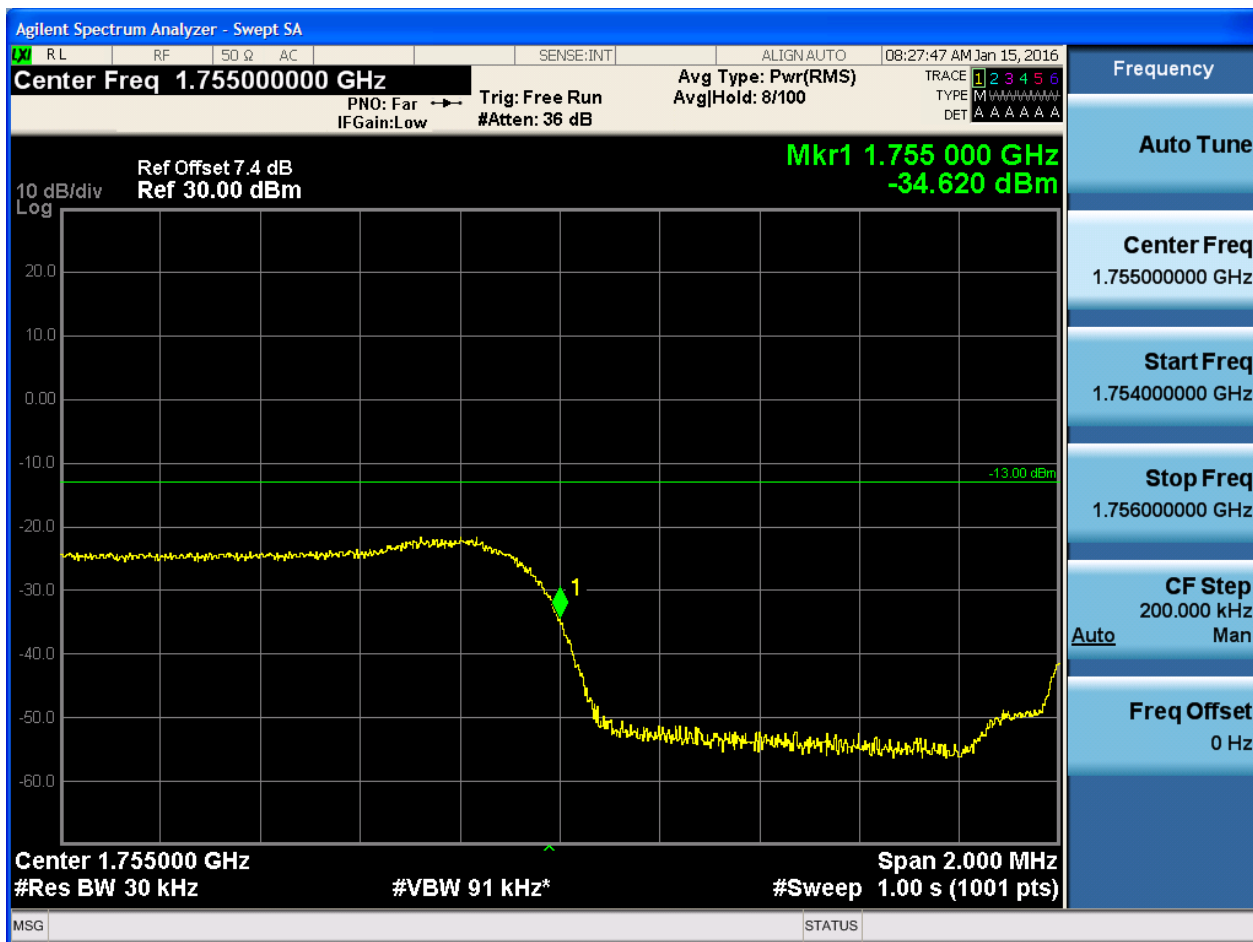
## 5.1.1.1.2.1.4 Test RB = RB15#0





## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.75500000 GHz

Ref Offset 7.4 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.755 000 GHz  
-18.637 dBm

Center 1.755000 GHz  
#Res BW 30 kHz  
#VBW 91 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq  
1.75500000 GHz

Start Freq  
1.754000000 GHz

Stop Freq  
1.756000000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.75500000 GHz

Ref Offset 7.4 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.755 000 GHz  
-30.707 dBm

Center 1.755000 GHz  
#Res BW 30 kHz  
#VBW 91 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq  
1.75500000 GHz

Start Freq  
1.754000000 GHz

Stop Freq  
1.756000000 GHz

CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz



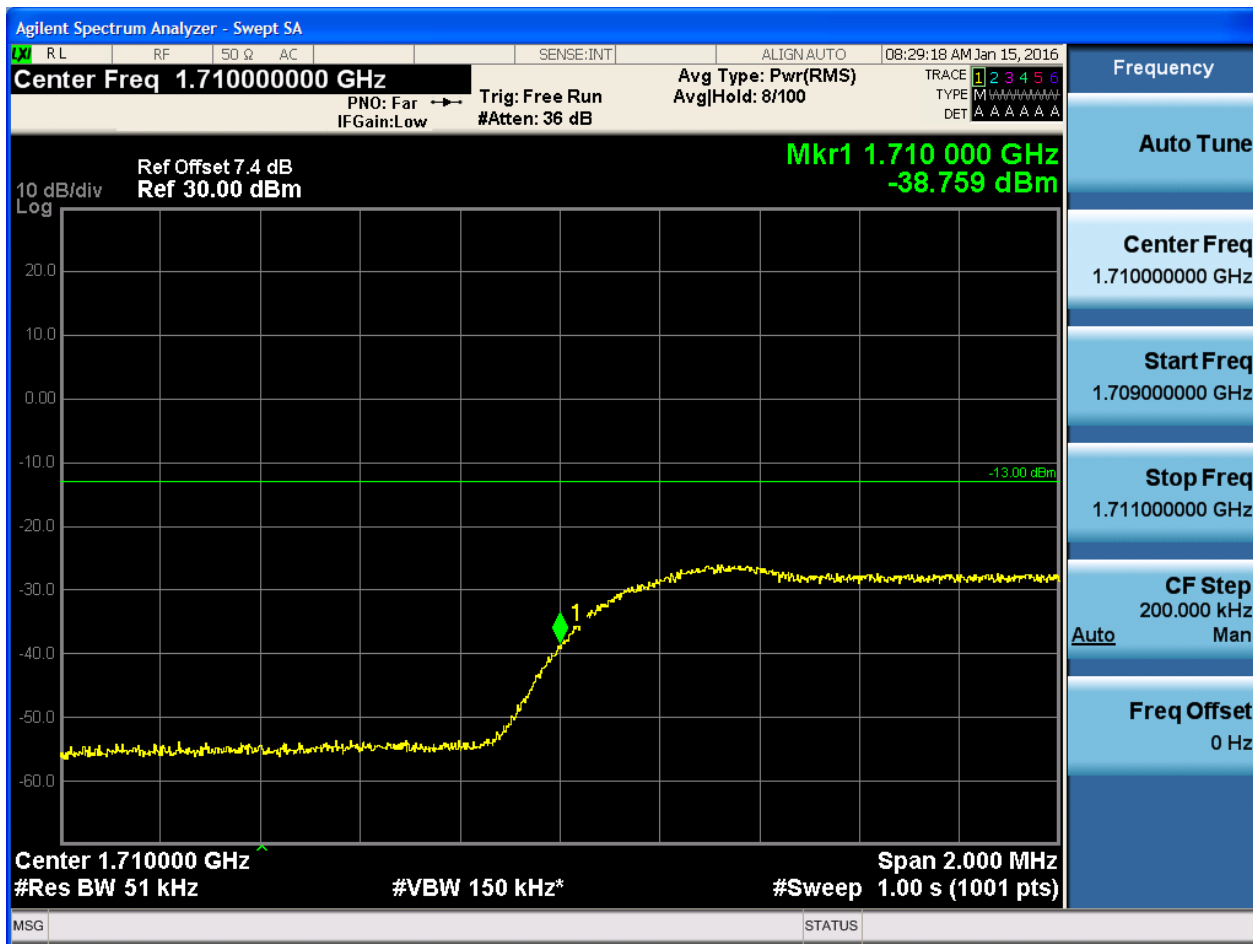
## 5.1.1.1.2.2.4 Test RB = RB15#0







## 5.1.1.1.3.1.2 Test RB = RB1#24



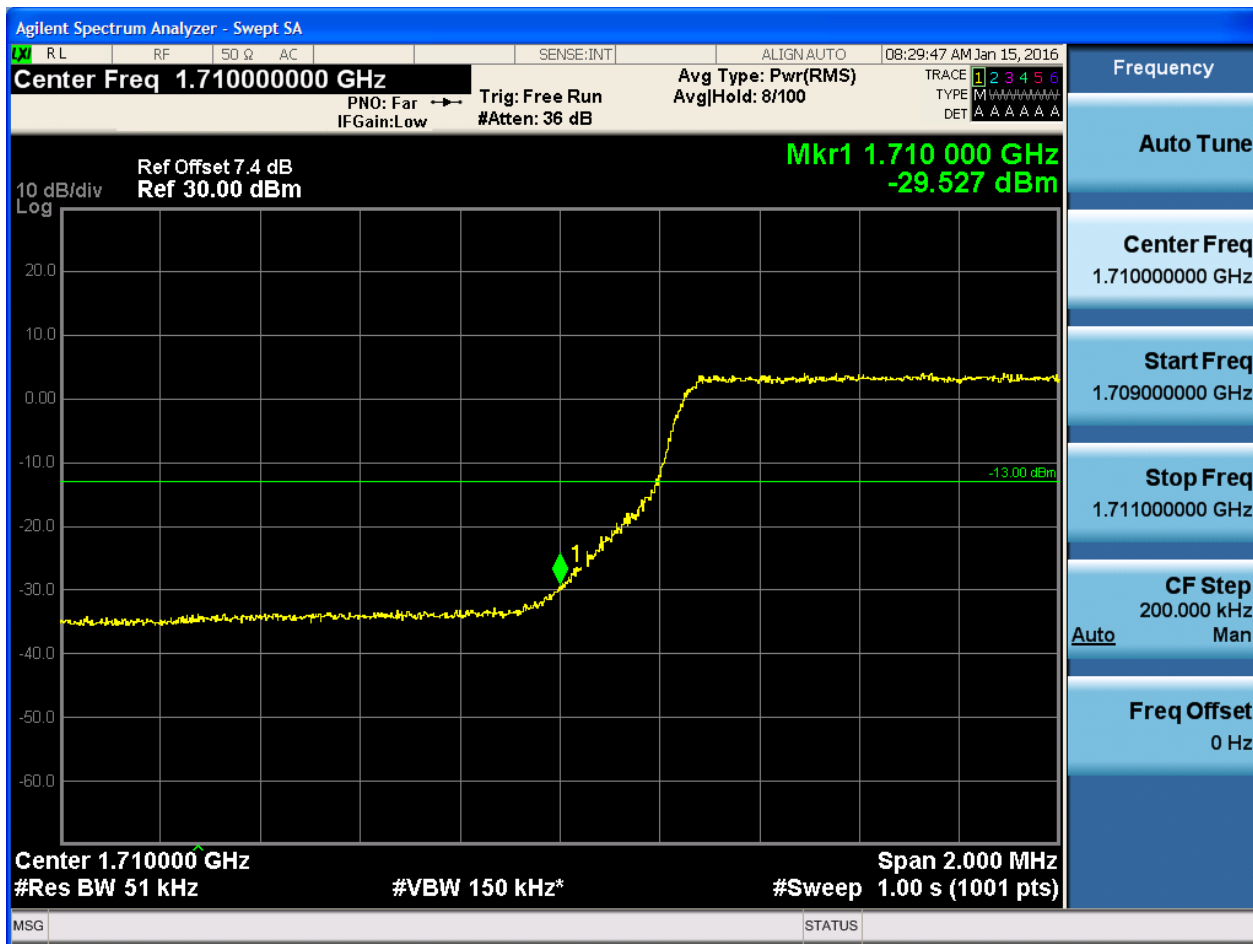


## 5.1.1.1.3.1.3 Test RB = RB12#6





## 5.1.1.1.3.1.4 Test RB = RB25#0



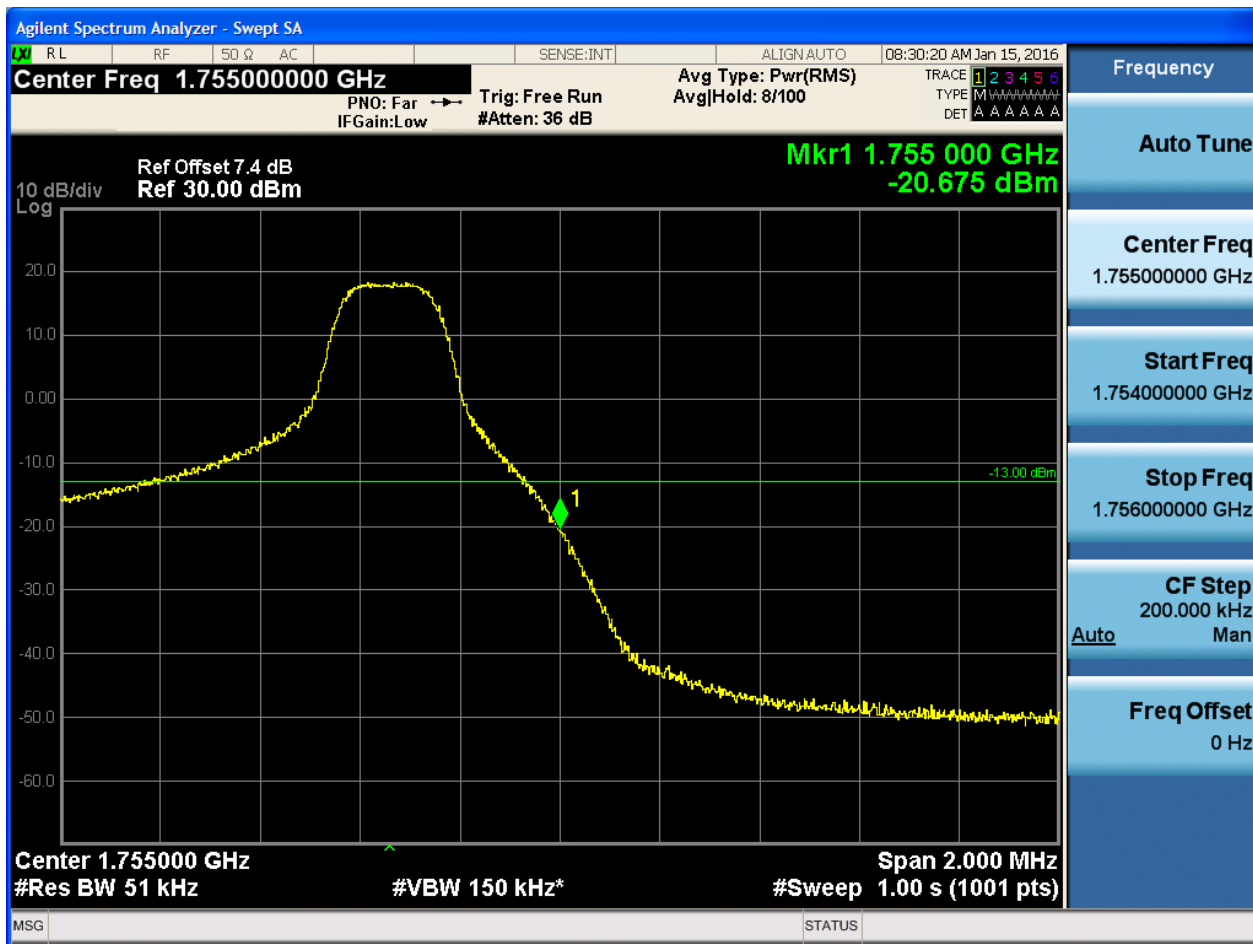


#### 5.1.1.1.3.2.1 Test RB = RB1#0





## 5.1.1.1.3.2.2 Test RB = RB1#24





## 5.1.1.1.3.2.3 Test RB = RB12#6





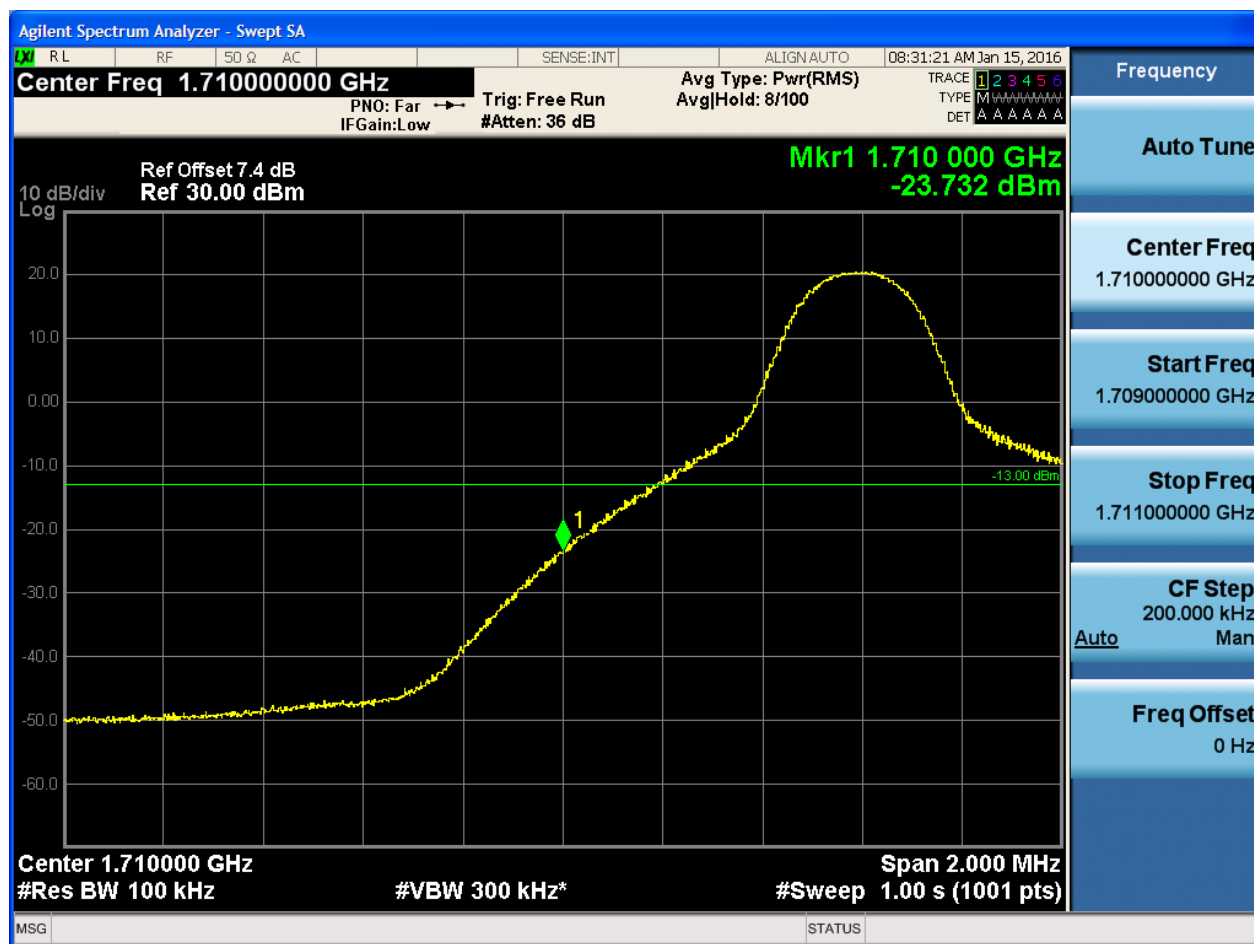
## 5.1.1.1.3.2.4 Test RB = RB25#0



#### 5.1.1.1.4 Test Bandwidth = 10

#### 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#49

