



## 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   | 21.43          | 21.73      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.74          | 22.04      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.64          | 21.94      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.49          | 21.79      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.64          | 21.94      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.62          | 21.92      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.96          | 21.26      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.6           | 21.9       | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.78          | 22.08      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.78          | 22.08      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.71          | 22.01      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.76          | 22.06      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.73          | 22.03      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.04          | 21.34      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 21.96          | 22.26      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.42          | 22.72      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.29          | 22.59      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.3           | 22.6       | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.34          | 22.64      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.28          | 22.58      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.64          | 21.94      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.04          | 21.34      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.76          | 22.06      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.6           | 21.9       | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.81          | 21.11      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.07          | 21.37      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.23          | 21.53      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.07          | 21.37      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.4           | 21.7       | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.8           | 22.1       | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.58          | 21.88      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 20.91          | 21.21      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.04          | 21.34      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.99          | 21.29      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.95          | 21.25      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.63          | 21.93      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.16          | 22.46      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.19          | 22.49      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.2           | 21.5       | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.51          | 21.81      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.62          | 21.92      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.43          | 21.73      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 20.99          | 21.29      | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.95          | 22.25      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.36          | 22.66      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.97          | 21.27      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.3           | 21.6       | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.21          | 21.51      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#0  | 21.08          | 21.38      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.3           | 21.6       | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.81          | 22.11      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.16          | 22.46      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.92          | 21.22      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.09          | 21.39      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.87          | 21.17      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.88          | 21.18      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.53          | 21.83      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.15          | 22.45      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.69          | 22.99      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.25          | 21.55      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.46          | 21.76      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.37          | 21.67      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.48          | 21.78      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 21.18          | 21.48      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.13          | 22.43      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#49  | 21.34          | 21.64      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.98          | 21.28      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.39          | 21.69      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.21          | 21.51      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.14          | 21.44      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.55          | 21.85      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.84          | 22.14      | 30          | PASS    |
|                |           |                |              | RB1#49  | 20.66          | 20.96      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.84          | 21.14      | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.9           | 21.2       | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.74          | 21.04      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.78          | 21.08      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.5           | 21.8       | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.2           | 22.5       | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.32          | 21.62      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.15          | 21.45      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.27          | 21.57      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 21.21          | 21.51      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.19          | 21.49      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.66          | 21.96      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.15          | 22.45      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.63          | 21.93      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.39          | 21.69      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.57          | 21.87      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.52          | 21.82      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.35          | 21.65      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.16          | 22.46      | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.78          | 22.08      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.16          | 21.46      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.16          | 21.46      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.05          | 21.35      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.8           | 21.1       | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.08          | 21.38      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.68          | 21.98      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 21.99          | 22.29      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.81          | 22.11      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.08          | 21.38      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.41          | 21.71      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.51          | 21.81      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.39          | 21.69      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.98          | 22.28      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.35          | 22.65      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.77          | 22.07      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.56          | 21.86      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.61          | 21.91      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.61          | 21.91      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.57          | 21.87      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.42          | 22.72      | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.82          | 22.12      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.5           | 21.8       | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.43          | 21.73      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 21.11          | 21.41      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.02          | 21.32      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.27          | 21.57      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.2           | 22.5       | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.94          | 22.24      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.83          | 22.13      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.07          | 21.37      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.17          | 21.47      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.63          | 21.93      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.42          | 21.72      | 30          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 20.88          | 21.18      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.16          | 21.46      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.02          | 21.32      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.02          | 21.32      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.01          | 21.31      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.15          | 21.45      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.11          | 20.41      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.04          | 21.34      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.19          | 21.49      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.08          | 21.38      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.01          | 21.31      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.07          | 21.37      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.04          | 21.34      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.1           | 20.4       | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.43          | 21.73      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.75          | 22.05      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.72          | 22.02      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.6           | 21.9       | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.53          | 21.83      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.48          | 21.78      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.68          | 20.98      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 20.4           | 20.7       | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.19          | 21.49      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.04          | 21.34      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 19.98          | 20.28      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.22          | 20.52      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.26          | 20.56      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.12          | 20.42      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.82          | 21.12      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.22          | 21.52      | 30          | PASS    |
|                |           |                |              | RB1#14  | 20.76          | 21.06      | 30          | PASS    |
|                |           |                |              | RB8#0   | 19.99          | 20.29      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.09          | 20.39      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.07          | 20.37      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.02          | 20.32      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.12          | 21.42      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.57          | 21.87      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.41          | 21.71      | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.23          | 20.53      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.53          | 20.83      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.67          | 20.97      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           | 5              |              | RB15#0  | 20.43          | 20.73      | 30          | PASS    |
|                |           |                |              | RB1#0   | 20.67          | 20.97      | 30          | PASS    |
|                |           |                | LCH          | RB1#13  | 21.5           | 21.8       | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.93          | 22.23      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.08          | 20.38      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.39          | 20.69      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.28          | 20.58      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.14          | 20.44      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.02          | 21.32      | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.5           | 21.8       | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.92          | 22.22      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20             | 20.3       | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.18          | 20.48      | 30          | PASS    |
|                |           |                |              | RB12#13 | 19.98          | 20.28      | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.94          | 20.24      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.24          | 21.54      | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.78          | 22.08      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#24  | 22.35          | 22.65      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.28          | 20.58      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.5           | 20.8       | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.43          | 20.73      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.5           | 20.8       | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 20.68          | 20.98      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.61          | 21.91      | 30          | PASS    |
|                |           |                |              | RB1#49  | 20.74          | 21.04      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.04          | 20.34      | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.43          | 20.73      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.25          | 20.55      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.19          | 20.49      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.07          | 21.37      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.37          | 21.67      | 30          | PASS    |
|                |           |                |              | RB1#49  | 20.3           | 20.6       | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.89          | 20.19      | 30          | PASS    |
|                |           |                |              | RB25#13 | 19.95          | 20.25      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 19.81          | 20.11      | 30          | PASS    |
|                |           |                |              | RB50#0  | 19.87          | 20.17      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 20.97          | 21.27      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.68          | 21.98      | 30          | PASS    |
|                |           |                |              | RB1#49  | 20.82          | 21.12      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.19          | 20.49      | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.29          | 20.59      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.26          | 20.56      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.24          | 20.54      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.21          | 21.51      | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.64          | 21.94      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.09          | 21.39      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.46          | 20.76      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.63          | 20.93      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.6           | 20.9       | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.39          | 20.69      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.52          | 21.82      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 21.32          | 21.62      | 30          | PASS    |
|                |           |                |              | RB1#74  | 20.82          | 21.12      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.24          | 20.54      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.13          | 20.43      | 30          | PASS    |
|                |           |                |              | RB38#39 | 19.9           | 20.2       | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.16          | 20.46      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.28          | 21.58      | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.49          | 21.79      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.28          | 21.58      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.17          | 20.47      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.49          | 20.79      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.61          | 20.91      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.44          | 20.74      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.8           | 22.1       | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.89          | 22.19      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.41          | 21.71      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.56          | 20.86      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 20.6           | 20.9       | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.63          | 20.93      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.61          | 20.91      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.06          | 22.36      | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.5           | 21.8       | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.3           | 21.6       | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.48          | 20.78      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.16          | 20.46      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.11          | 20.41      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.37          | 20.67      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.73          | 22.03      | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.63          | 21.93      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.56          | 21.86      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.13          | 20.43      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.21          | 20.51      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.67          | 20.97      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.47          | 20.77      | 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:

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

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

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

$$\text{SET Sweep time} = \text{auto-couple.}$$

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   | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.55         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.45         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.63         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.55         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.07         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.16         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.52         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.19         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#4   | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.41         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.93         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.32         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.72         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.18         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.53         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.65         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.56         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5            | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.27         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.38         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.72         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.63         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#25  | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.51         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.21         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.23         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.16         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.17         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.85         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.15         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.89         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.02         | 13         | PASS    |
|                    |           |                      | MCH          | RB75#0  | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.12         | 13         | PASS    |
|                    |           | 20                   | HCH          | RB1#0   | 4.68         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.89         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.21         | 13         | PASS    |
|                    |           |                      | LCH          | RB75#0  | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.55         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.2          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.09         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 4.86         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#50 | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.68         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.12         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.02         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.91         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6            | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.21         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.68         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.12         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.66         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.2          | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#14  | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.14         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.58         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.08         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.85         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.3          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.1          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.43         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.3          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.44         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   |              | RB25#0  | 5.98         | 13         | PASS    |
|                    |           |                      |              |         |              |            |         |
|                    |           |                      | LCH          | RB1#0   | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.24         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.69         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.34         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.61         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.44         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.7          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.71         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.37         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB38#0  | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.43         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.2          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.24         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.28         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.86         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.71         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.45         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.45         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

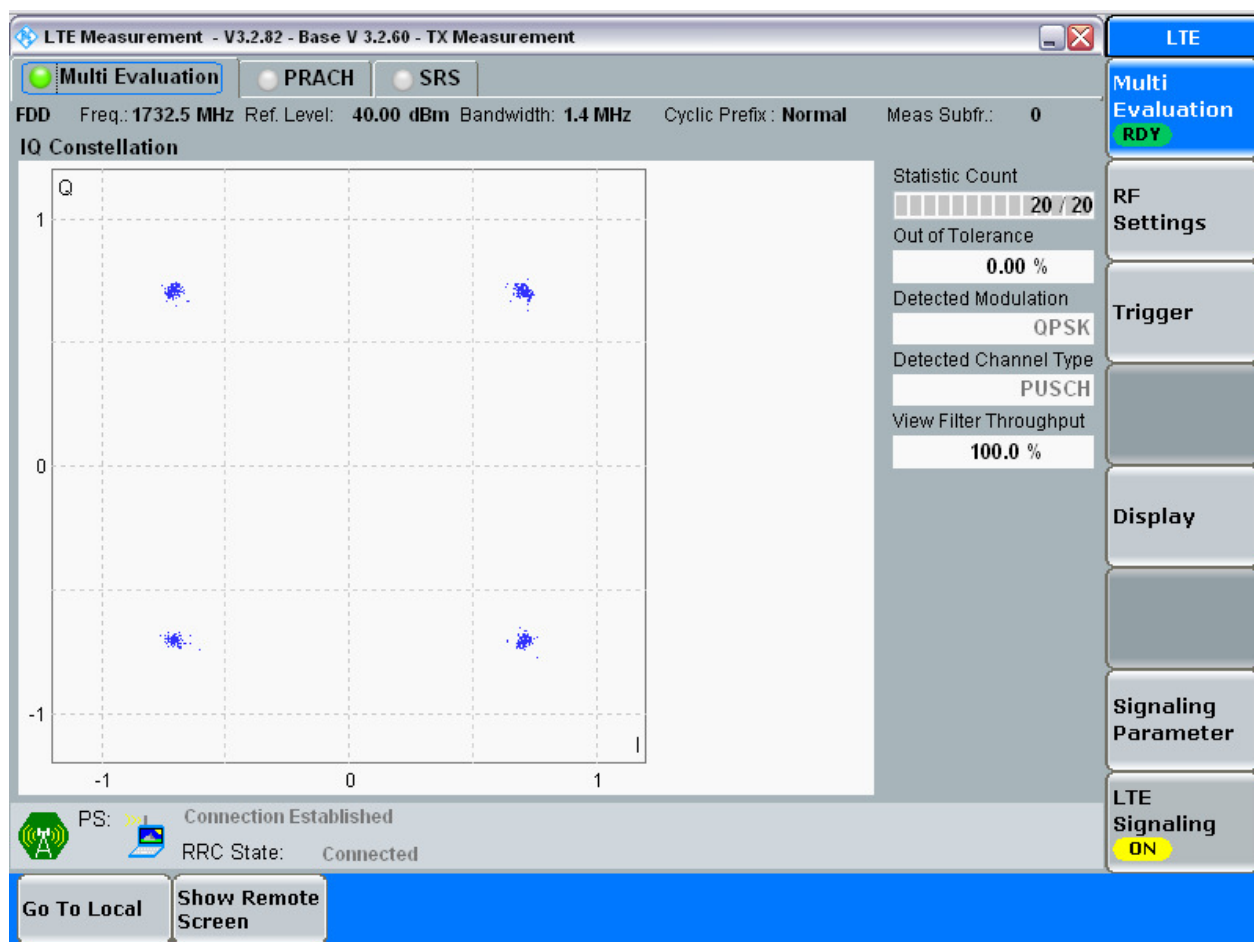
##### 3.1.1 Test Band = BAND4

##### 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

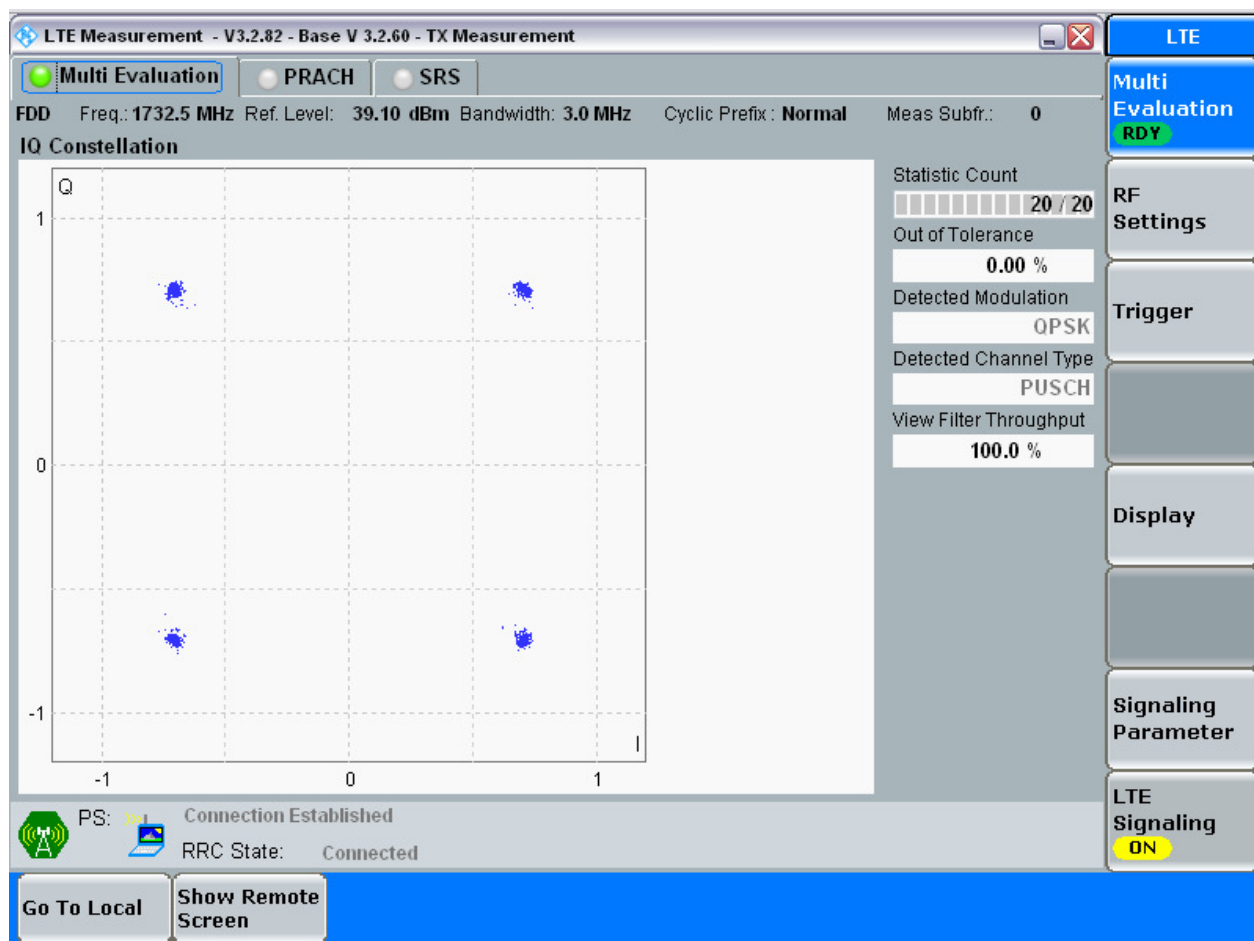
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

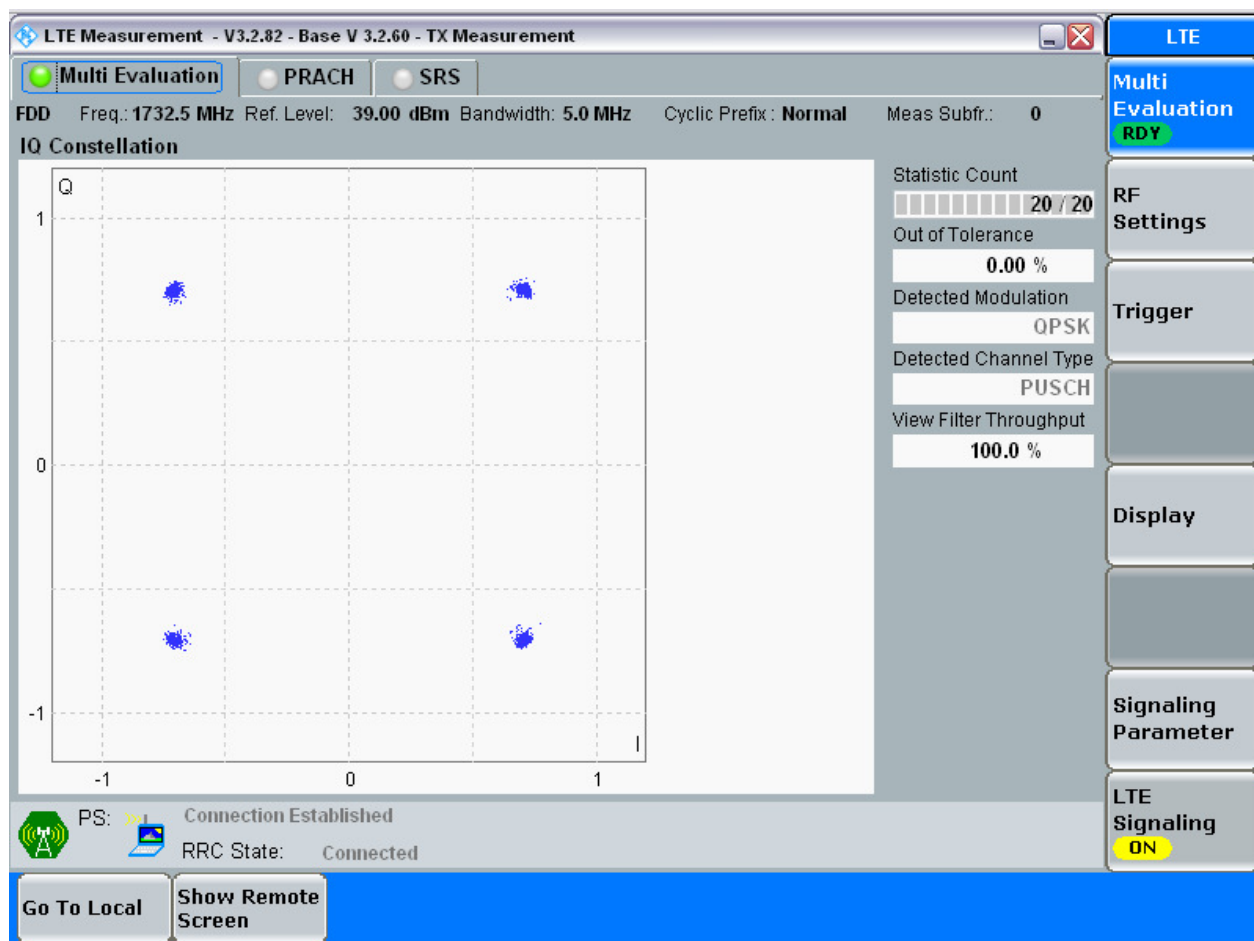
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

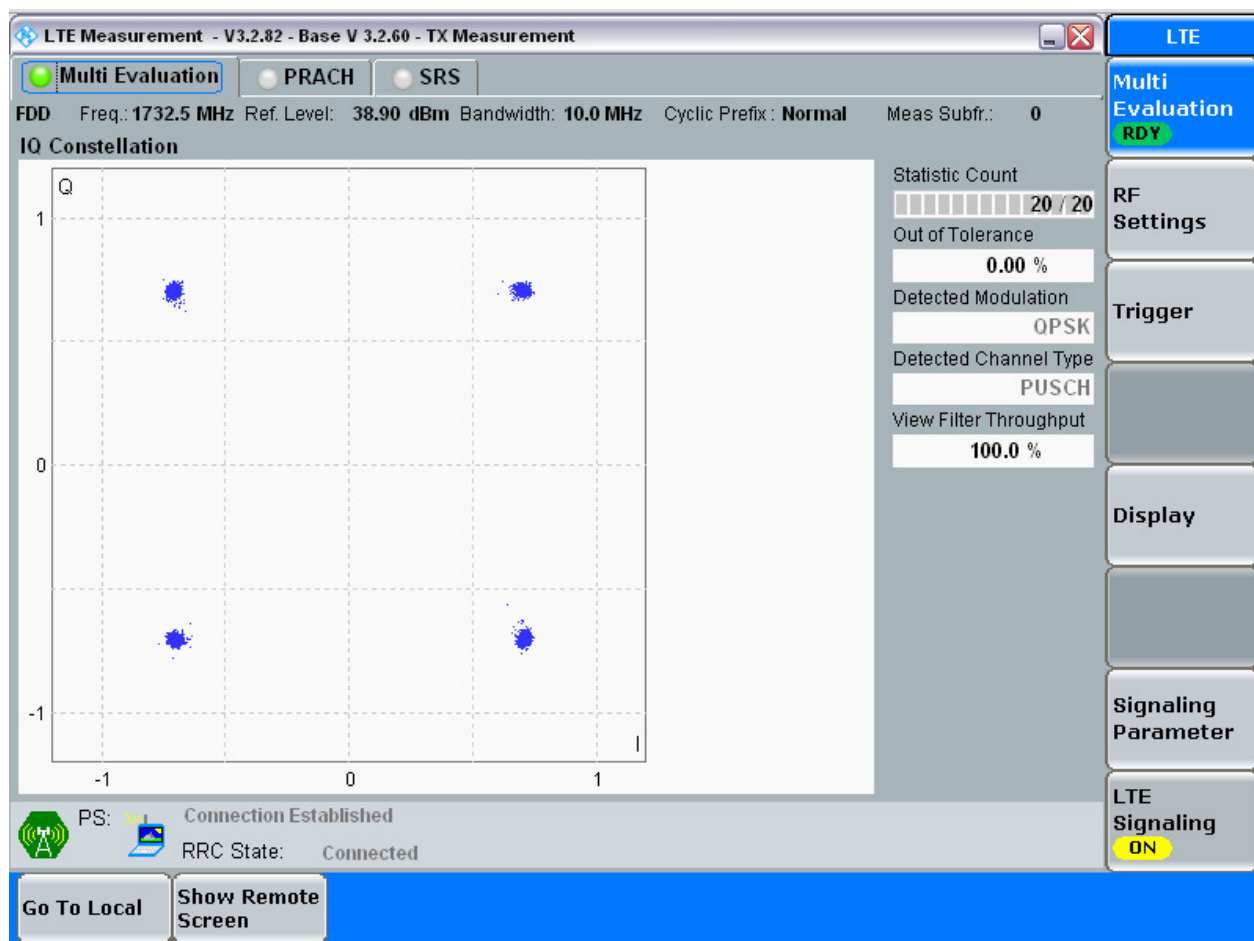
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

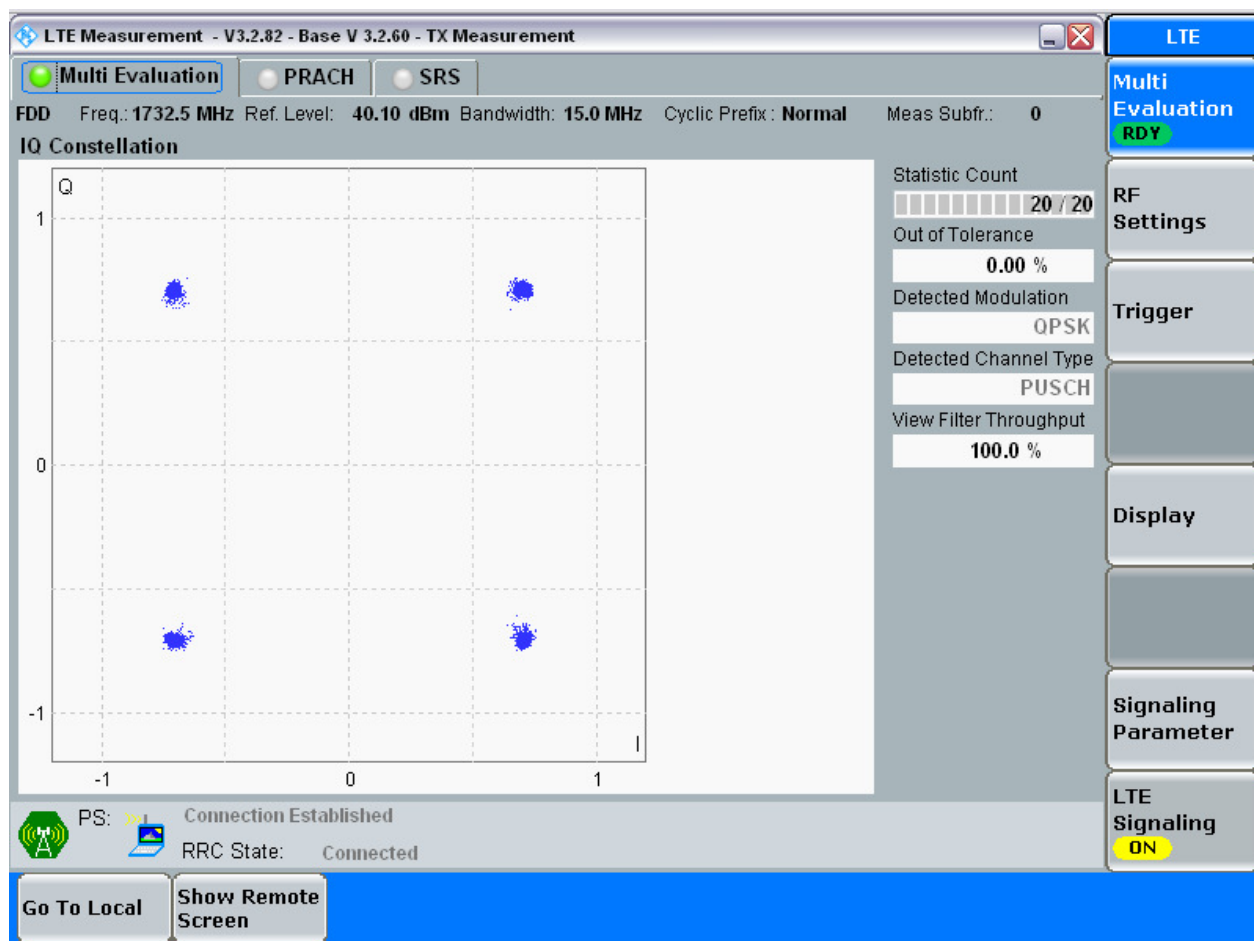
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

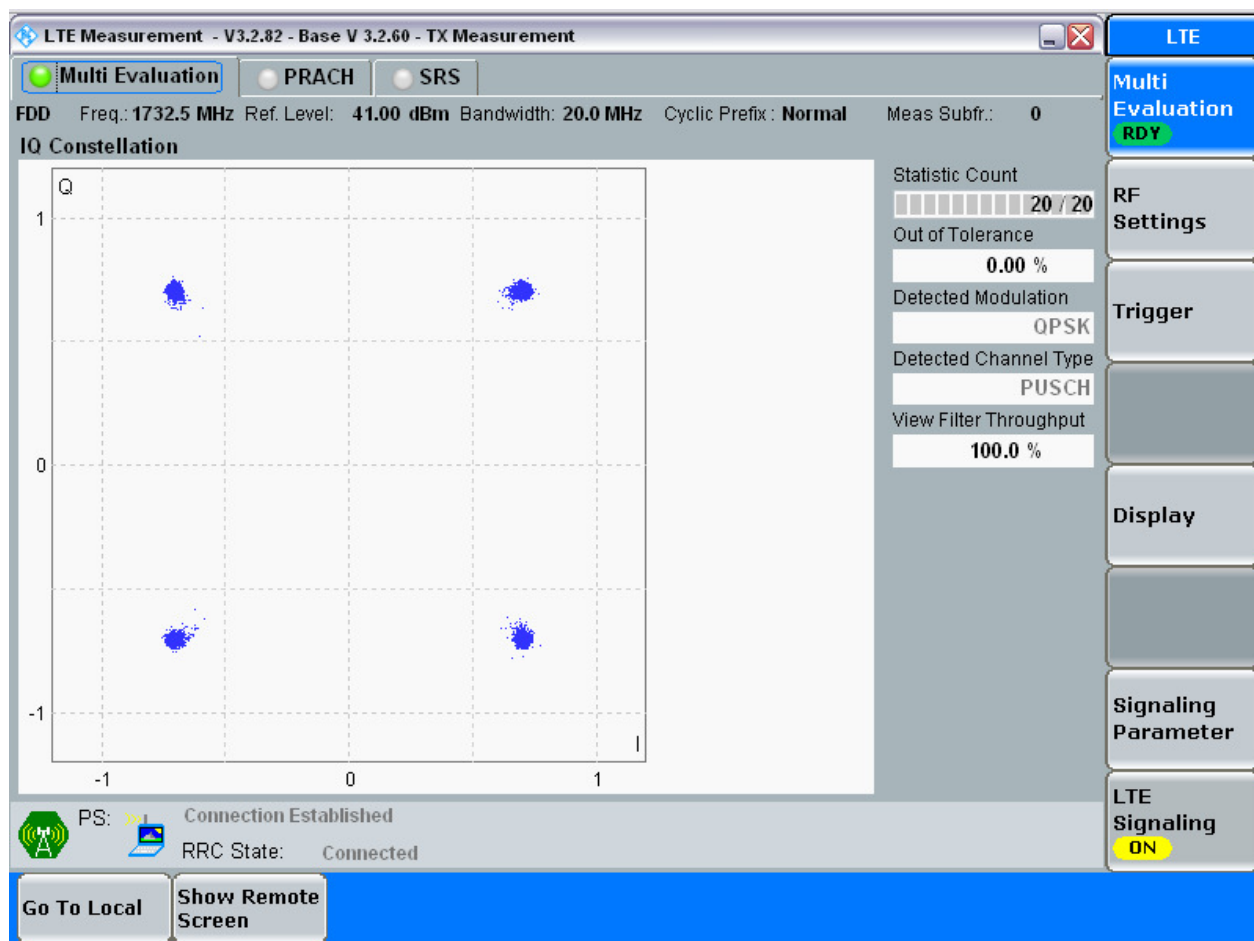
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

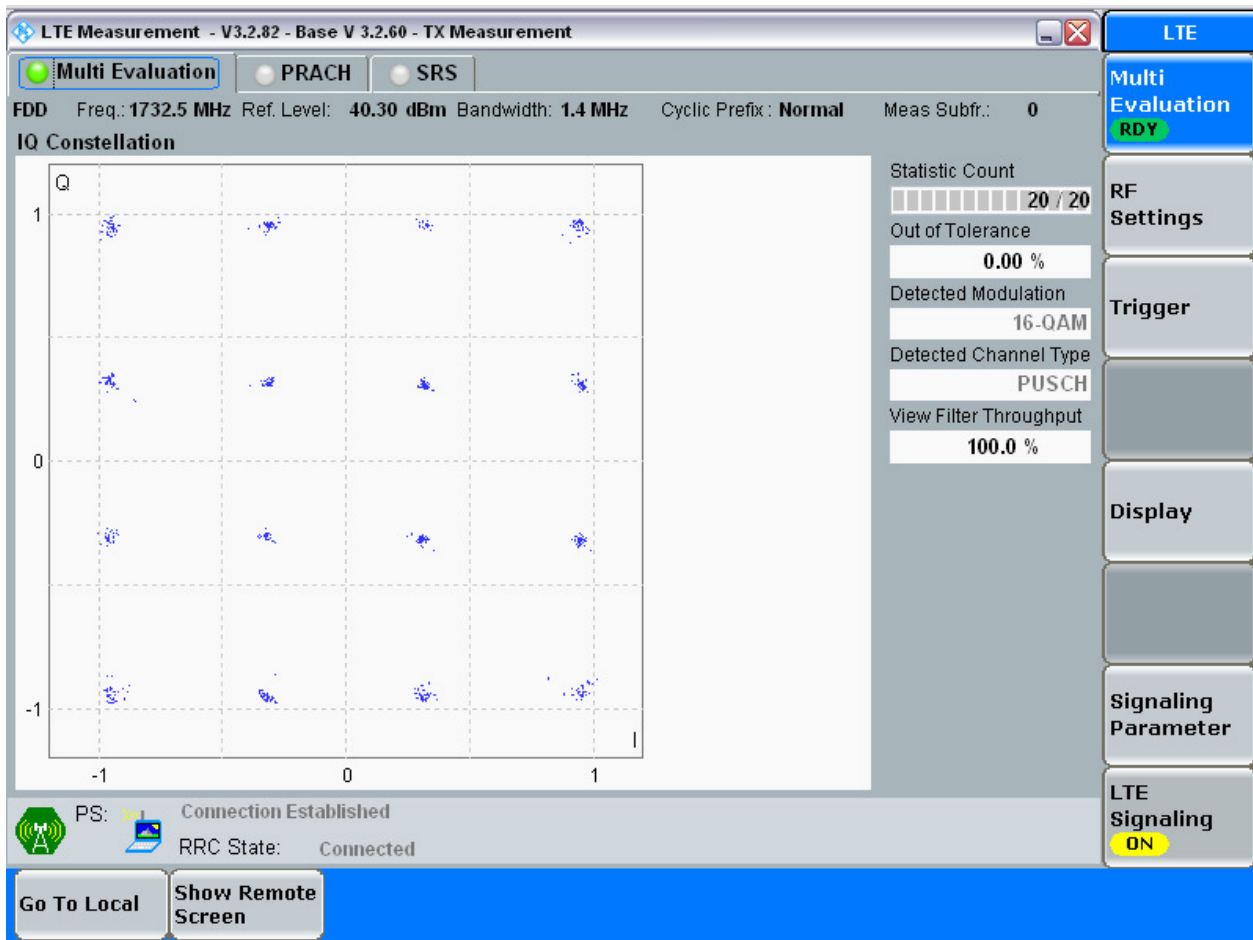


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

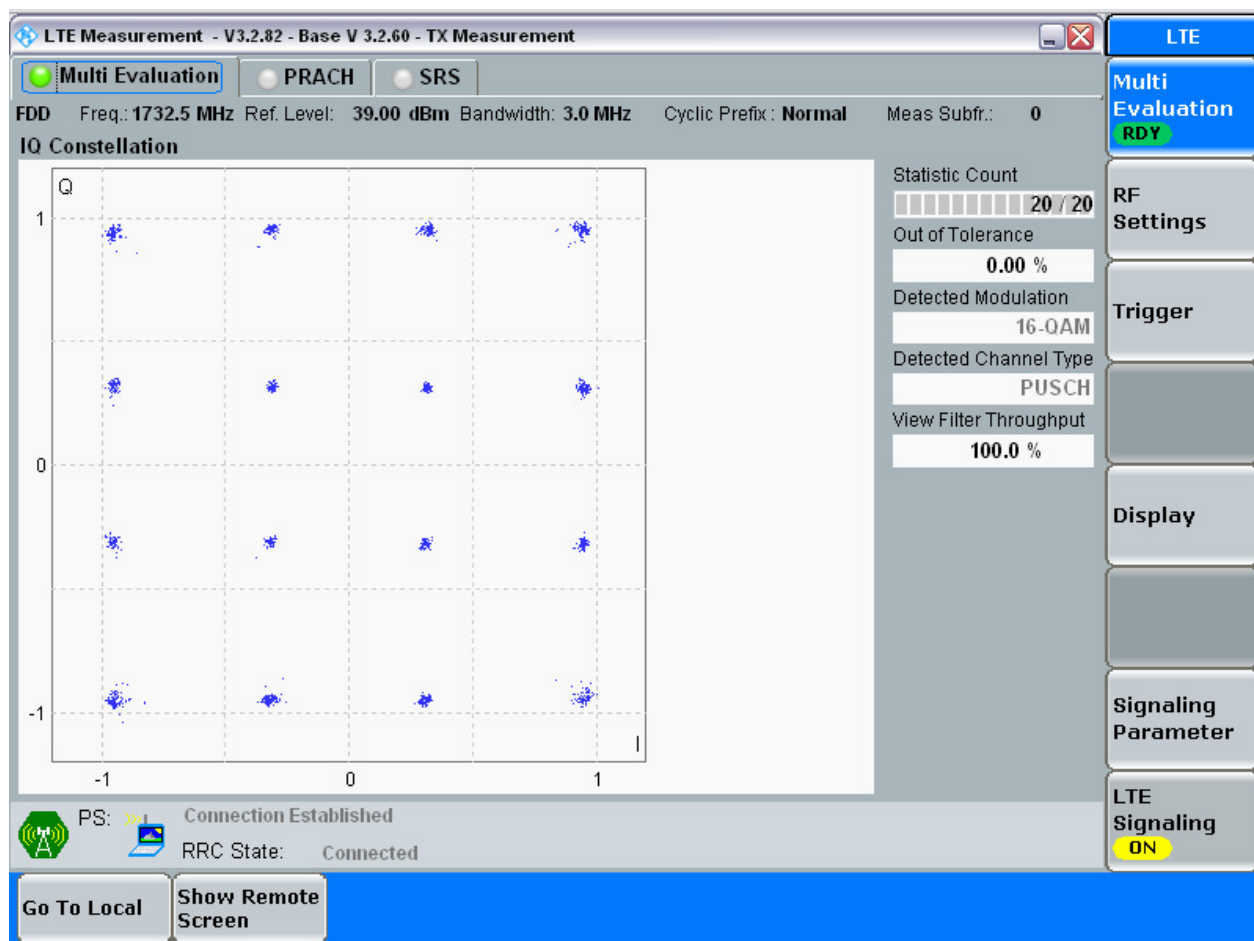
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

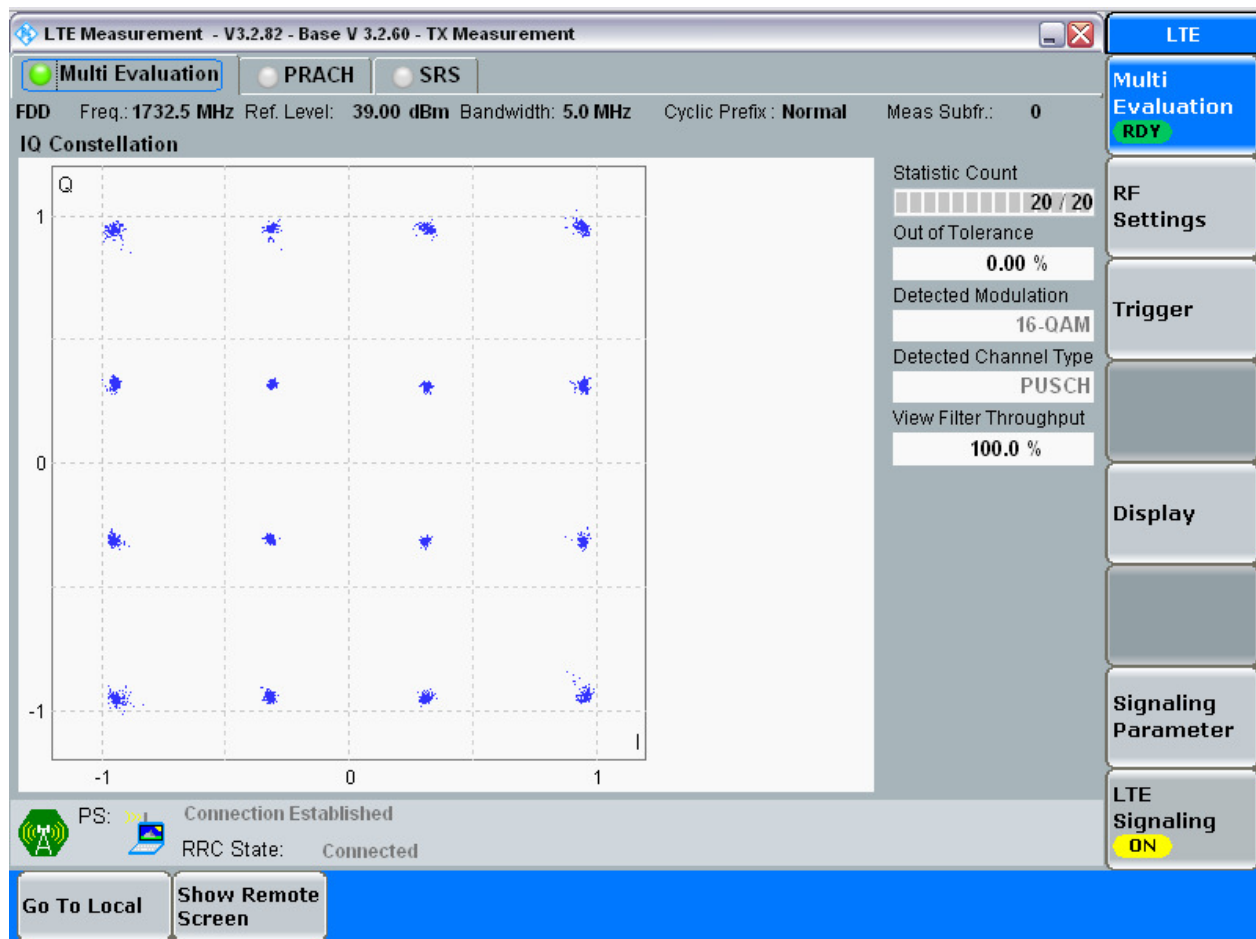
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

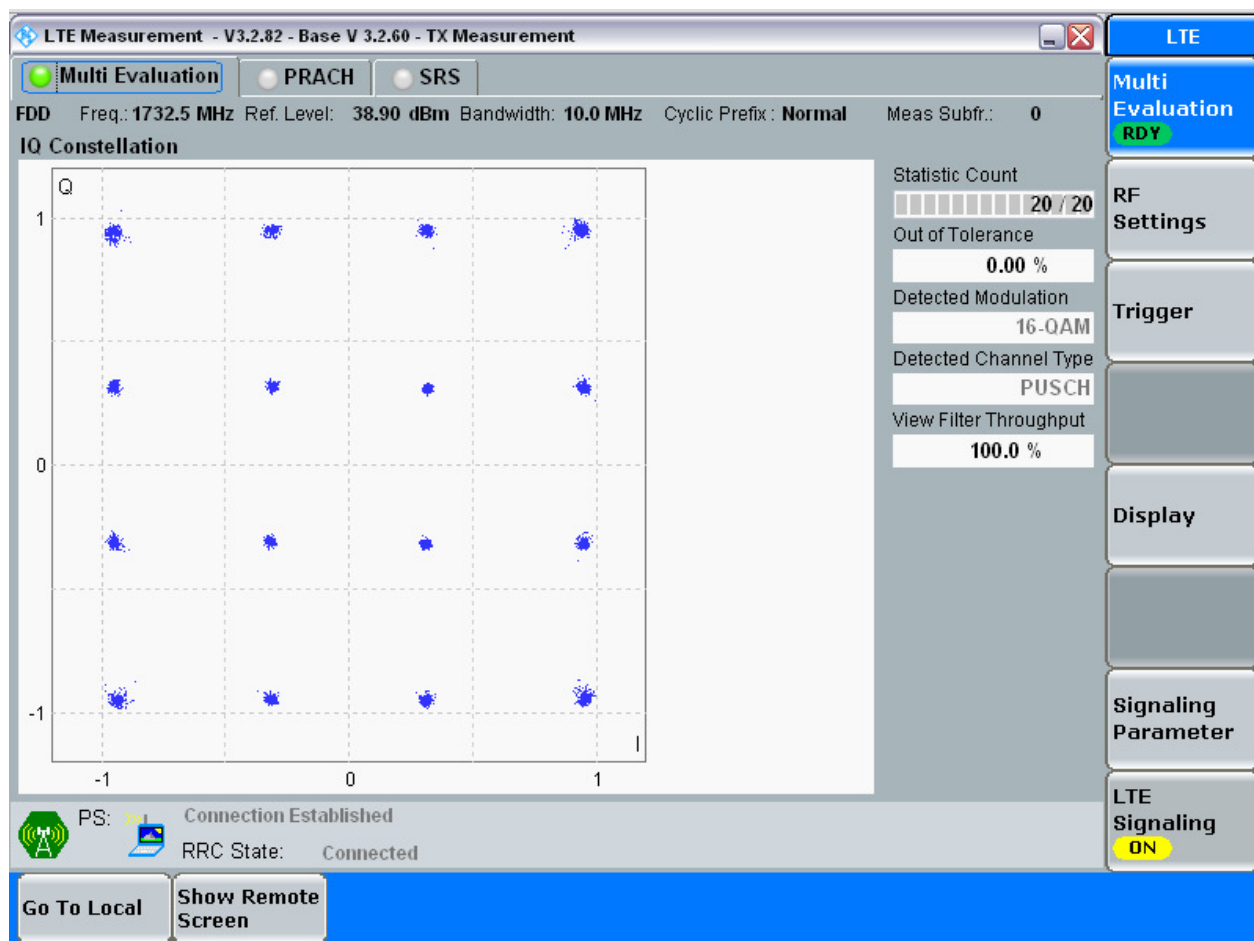
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

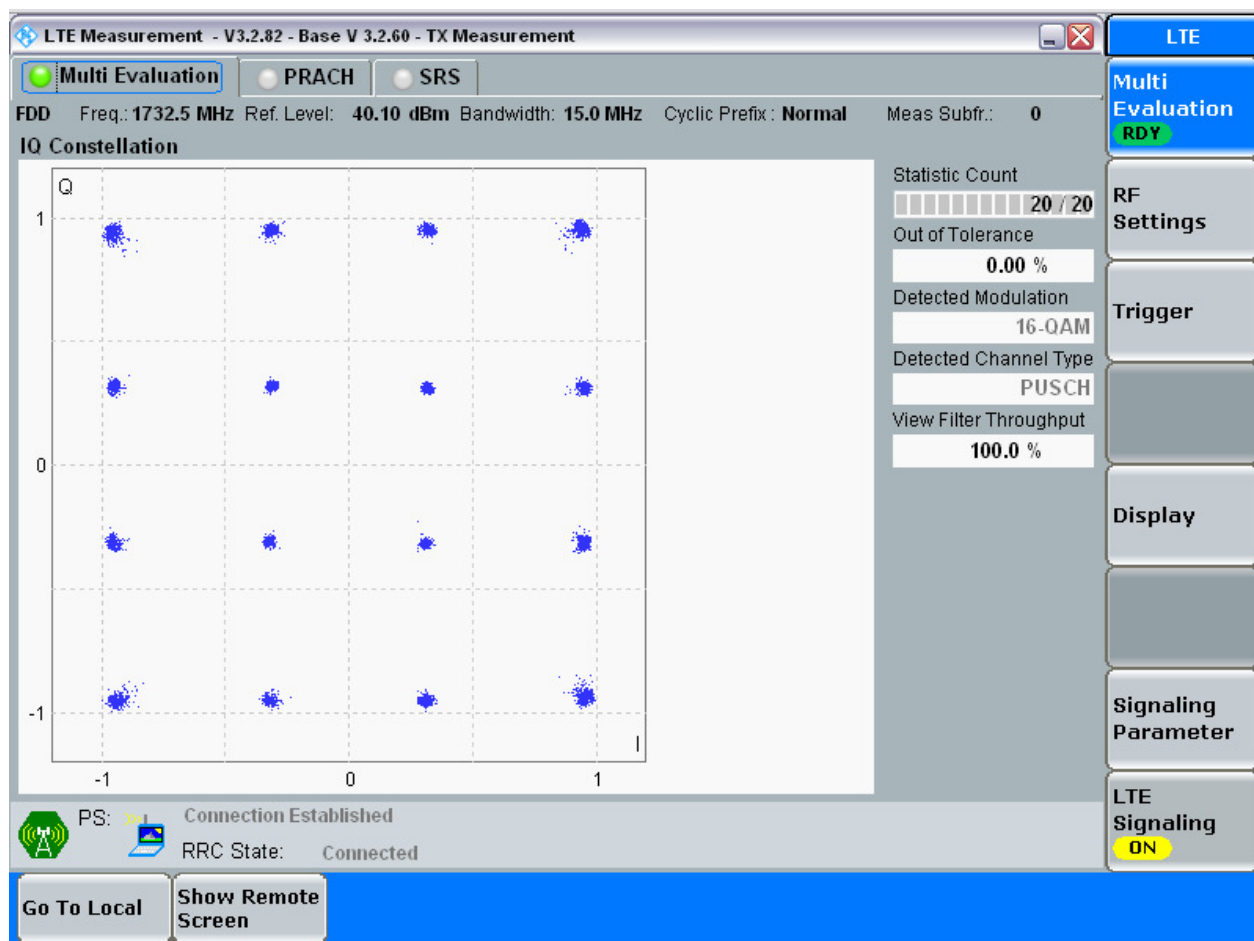
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

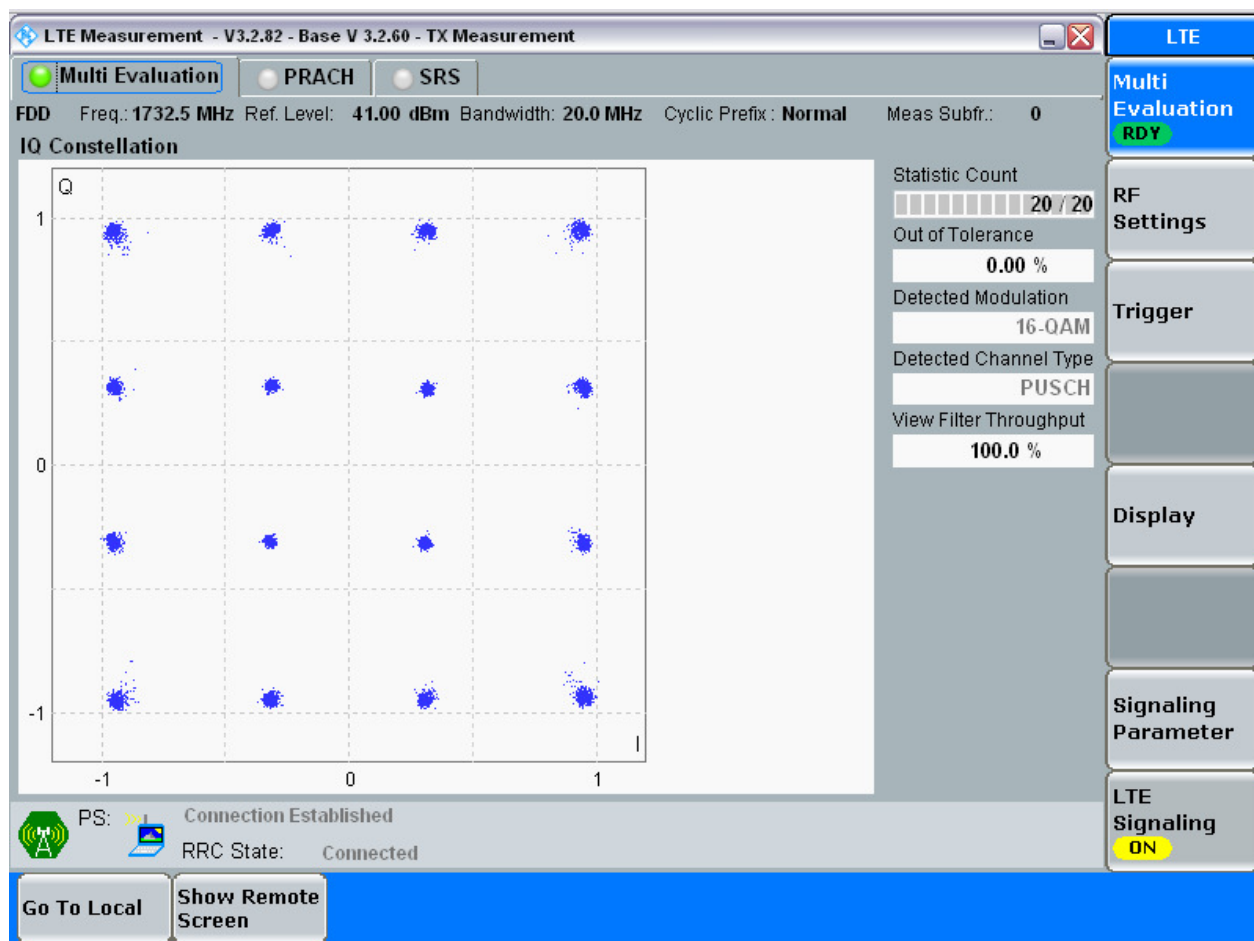
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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   | 1.09                     | 1.42                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.30                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.10                     | 1.49                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 3.10                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 3.18                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 3.19                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.51                     | 5.04                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 5.02                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.49                     | 4.86                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 10.10                    | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 10.08                    | Pass    |
|           |           |                | HCH          | RB50#0  | 9.00                     | 9.97                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.48                    | 14.37                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.52                    | 14.97                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.48                    | 14.78                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.97                    | 19.14                    | Pass    |
|           |           |                | MCH          | RB100#0 | 18.02                    | 19.35                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.95                    | 19.05                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.10                     | 1.43                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.48                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.30                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 3.15                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 3.17                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 3.09                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.49                     | 5.32                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 5.26                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 5.25                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 10.64                    | Pass    |
|           |           |                | MCH          | RB50#0  | 9.03                     | 10.15                    | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 10.15                    | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.50                    | 15.23                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.53                    | 15.08                    | Pass    |

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
|           |           | 20             | HCH          | RB75#0  | 13.49                    | 14.49                    | Pass    |
|           |           |                | LCH          | RB100#0 | 17.97                    | 19.31                    | Pass    |
|           |           |                | MCH          | RB100#0 | 18.02                    | 19.19                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.95                    | 19.34                    | Pass    |

## Part II - Test Plots

### 4.1 For LTE

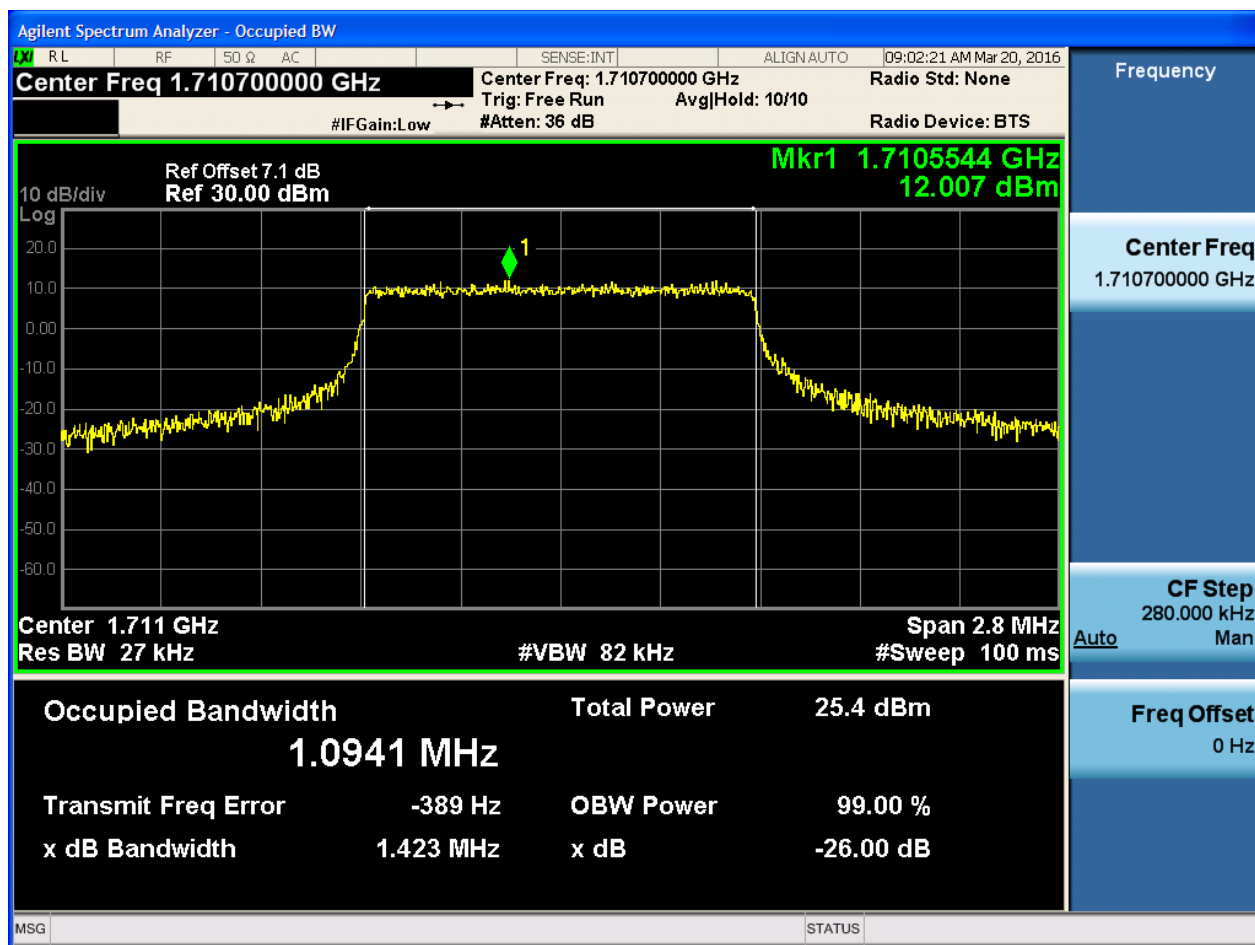
#### 4.1.1 Test Band = BAND4

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

##### 4.1.1.1.1 Test Bandwidth = 1.4

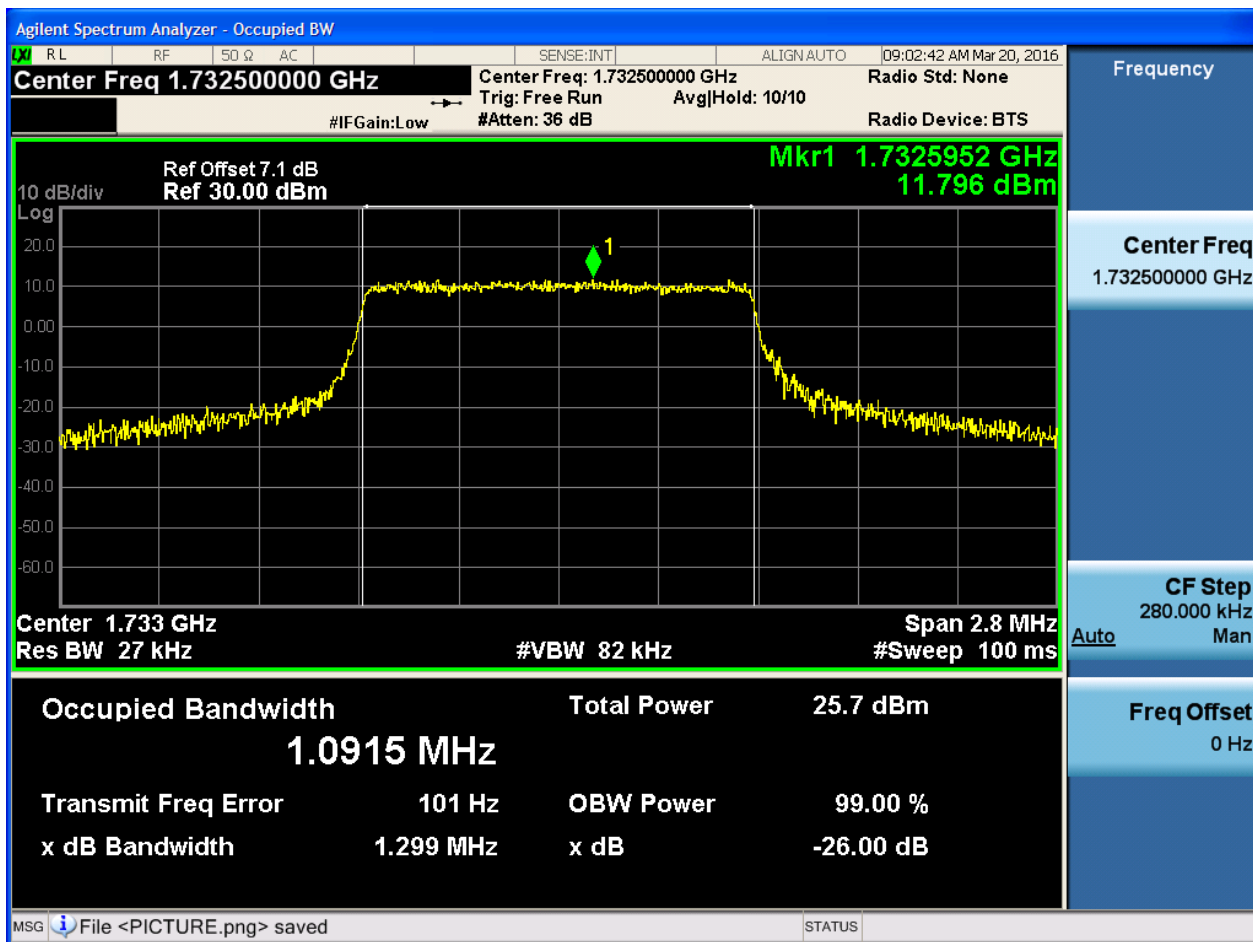
##### 4.1.1.1.1.1 Test Channel = LCH

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



### 4.1.1.1.1.2 Test Channel = MCH

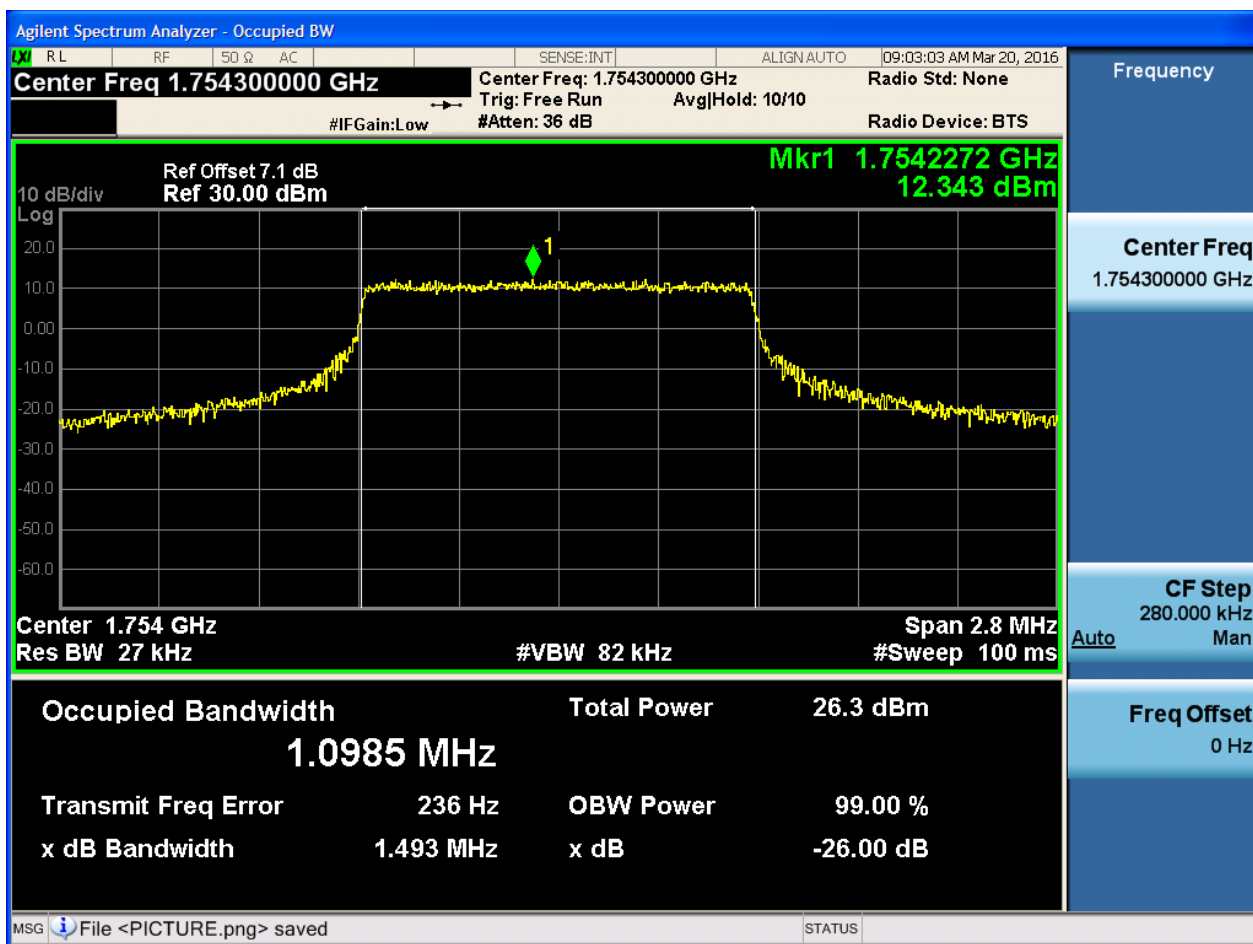
#### 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

## 4.1.1.1.1.3.1 Test RB = RB6#0

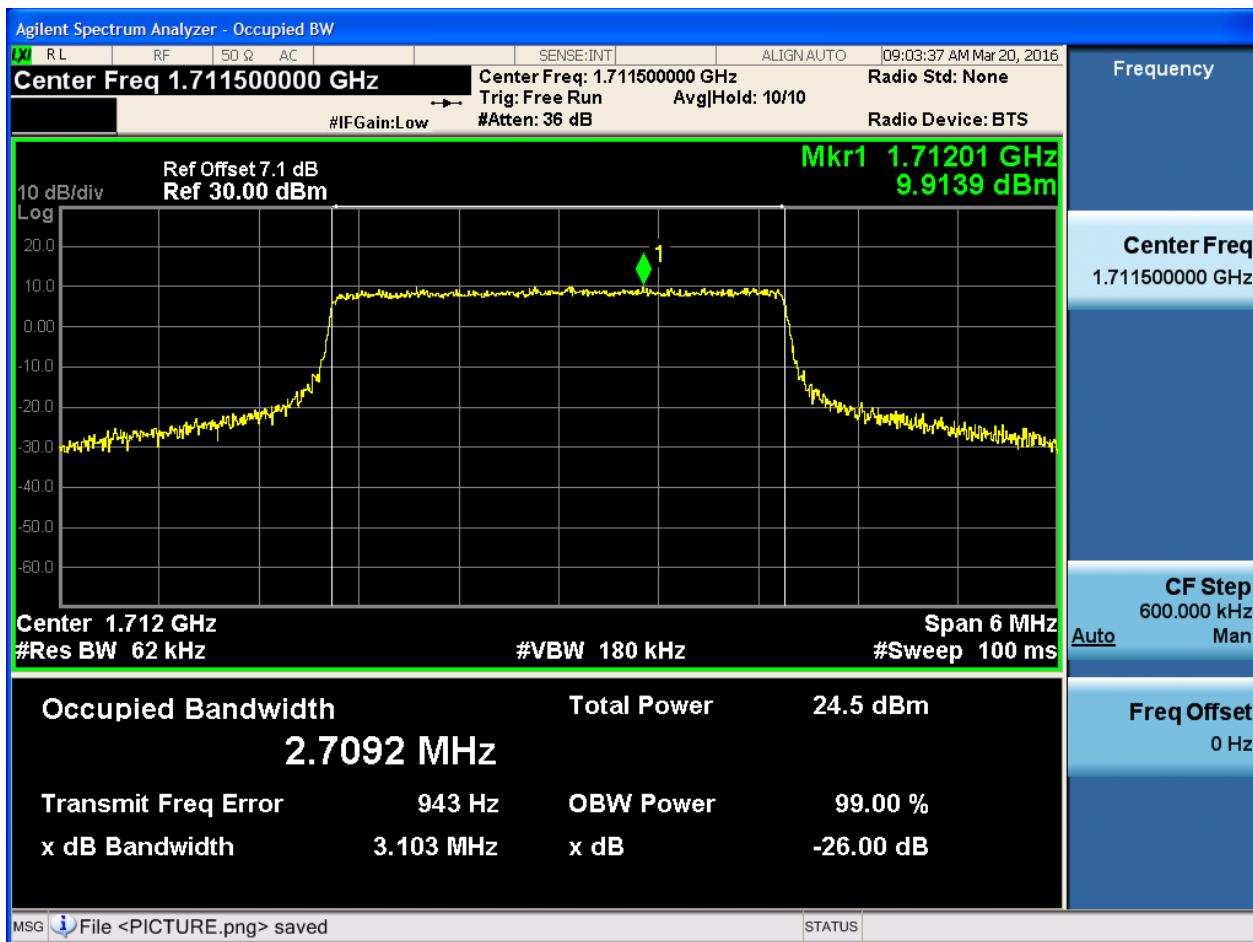




## 4.1.1.1.2 Test Bandwidth = 3

## 4.1.1.1.2.1 Test Channel = LCH

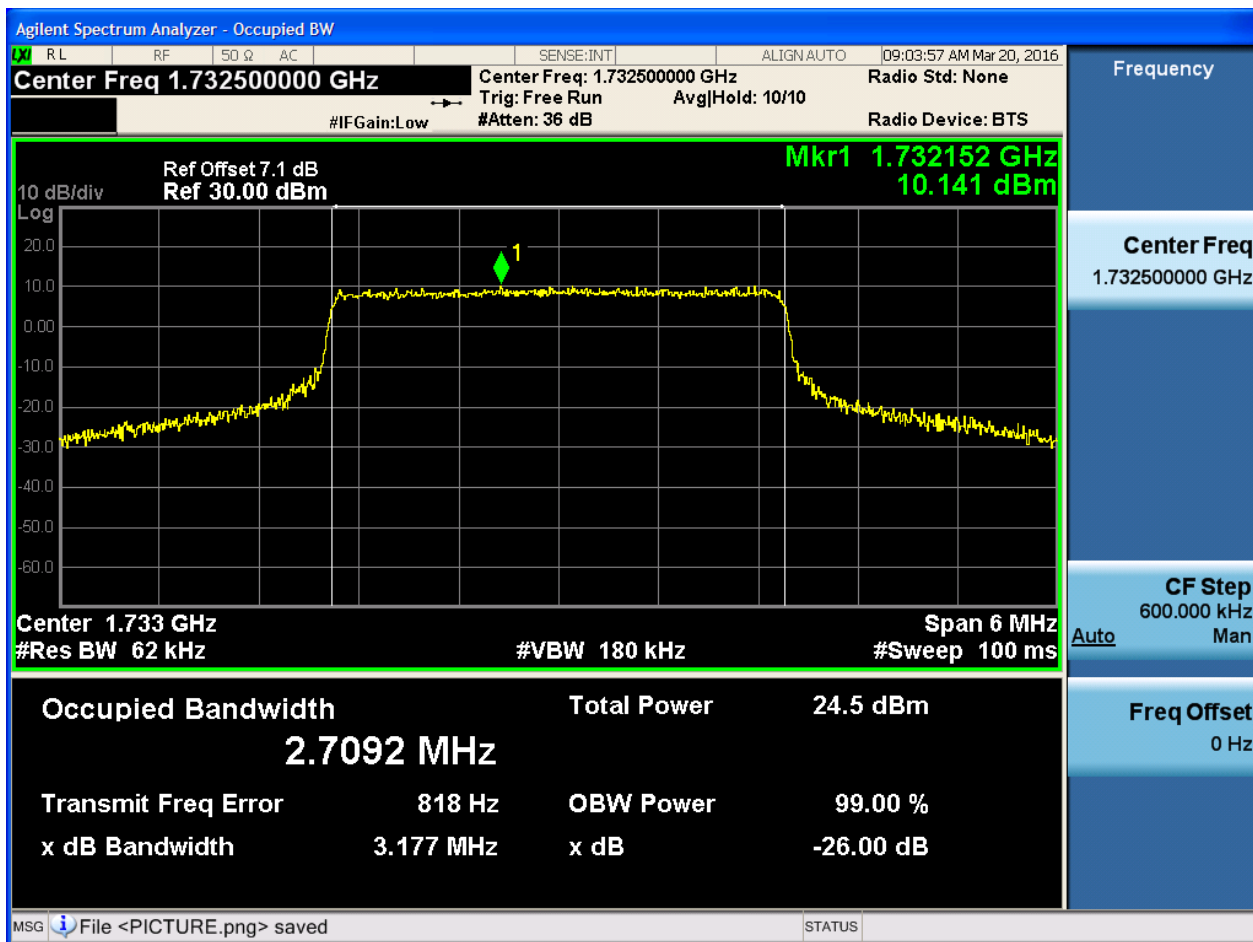
## 4.1.1.1.2.1.1 Test RB = RB15#0





## 4.1.1.1.2.2 Test Channel = MCH

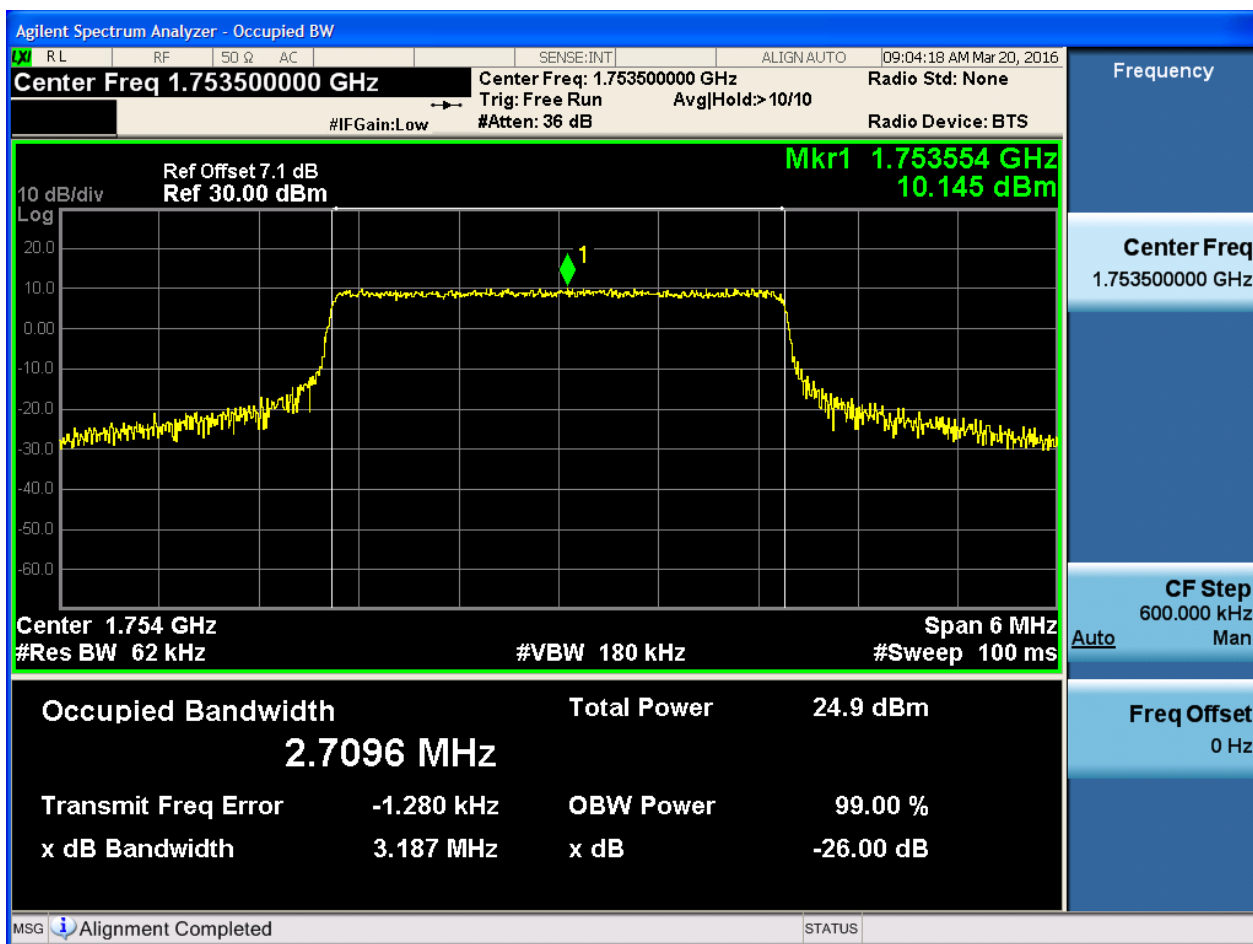
## 4.1.1.1.2.2.1 Test RB = RB15#0





## 4.1.1.1.2.3 Test Channel = HCH

## 4.1.1.1.2.3.1 Test RB = RB15#0

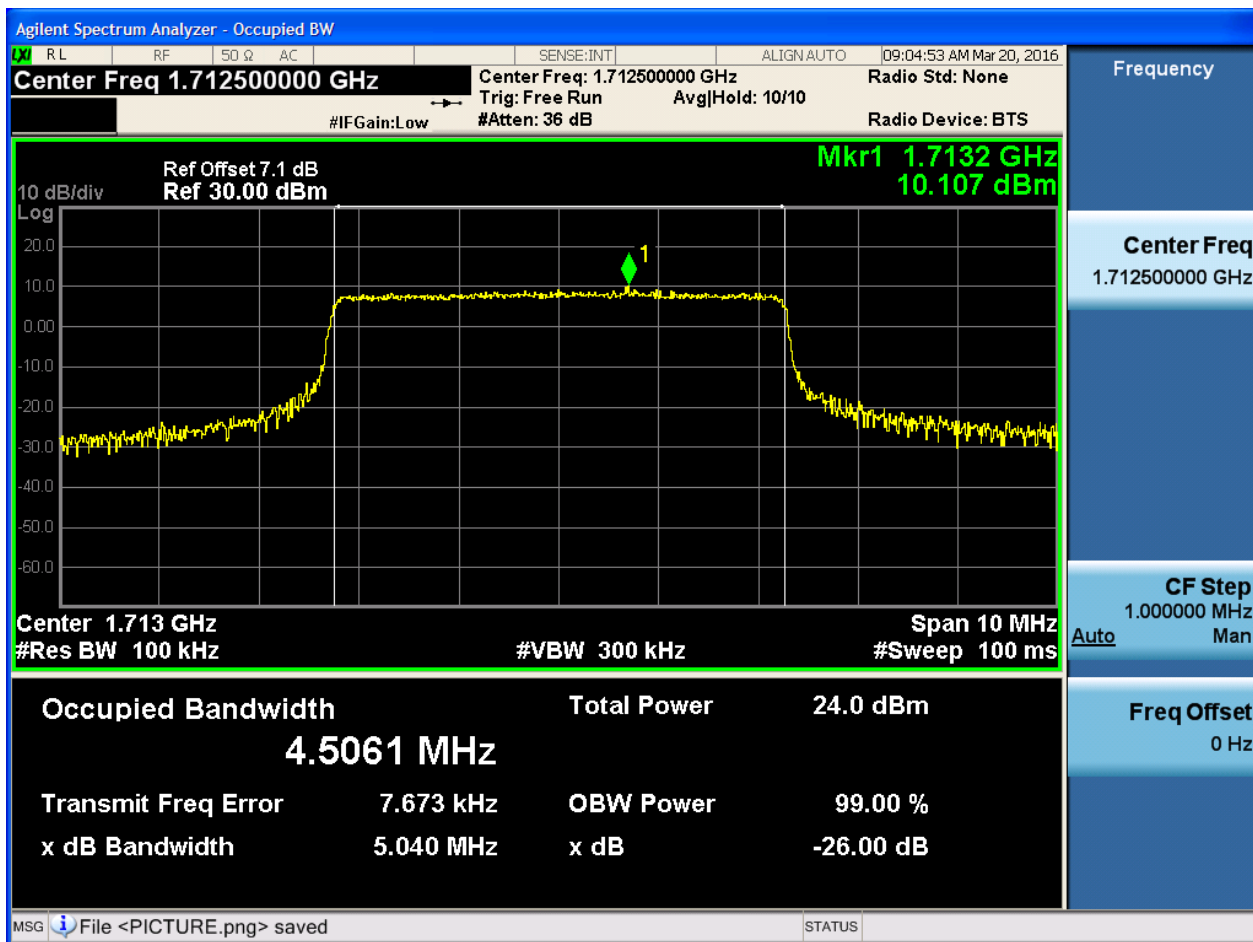




## 4.1.1.1.3 Test Bandwidth = 5

## 4.1.1.1.3.1 Test Channel = LCH

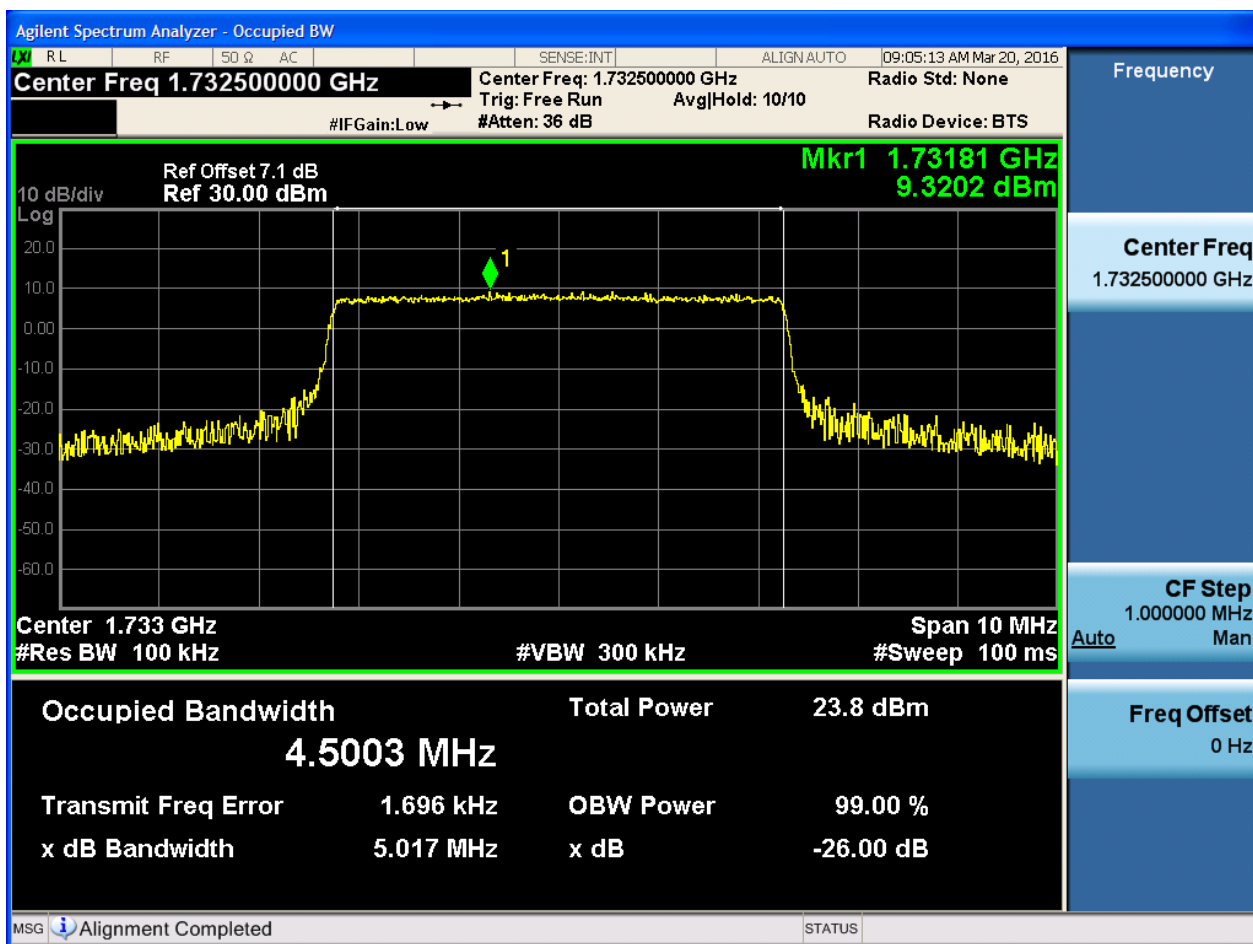
## 4.1.1.1.3.1.1 Test RB = RB25#0





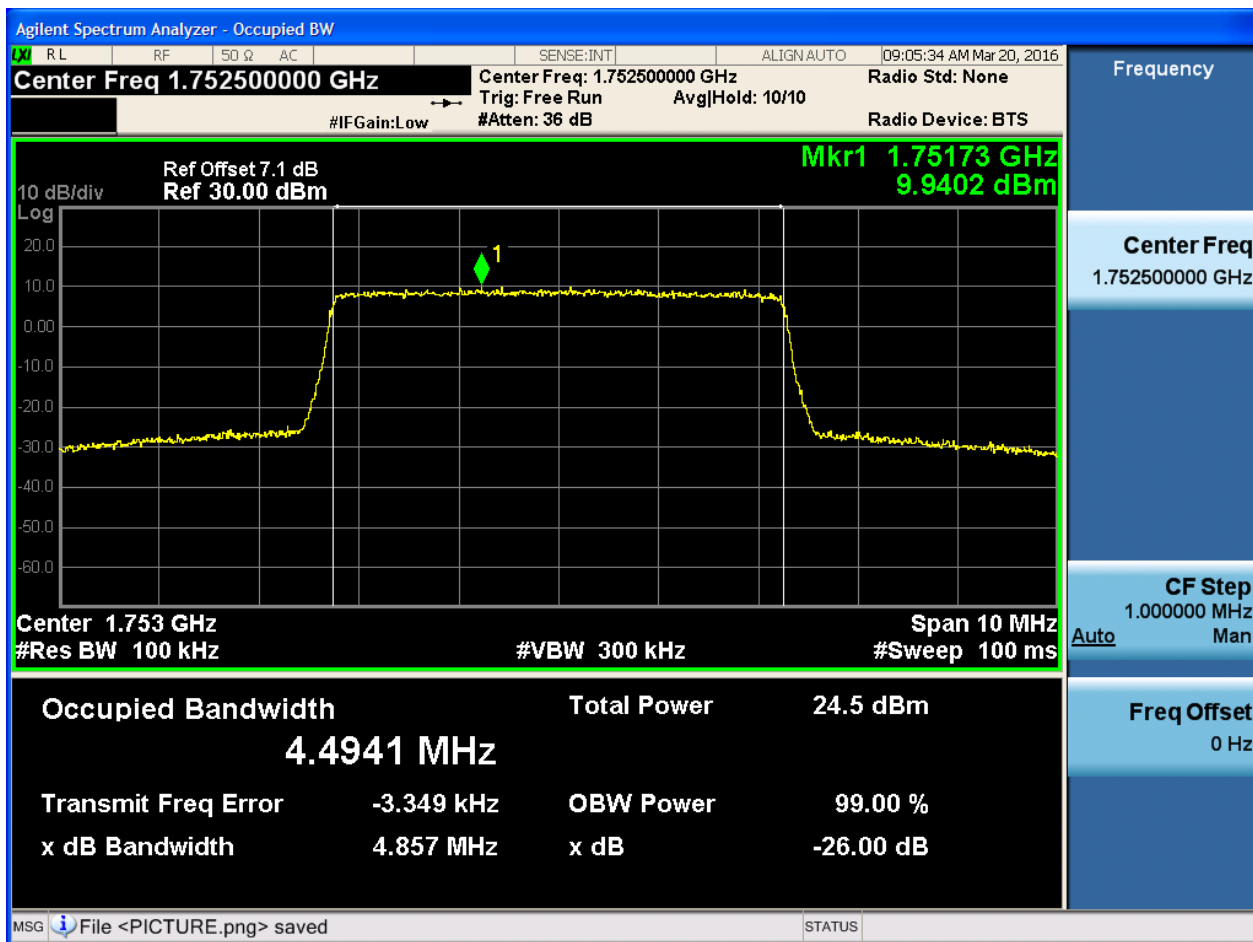
## 4.1.1.1.3.2 Test Channel = MCH

## 4.1.1.1.3.2.1 Test RB = RB25#0



#### 4.1.1.1.3.3 Test Channel = HCH

##### 4.1.1.1.3.3.1 Test RB = RB25#0

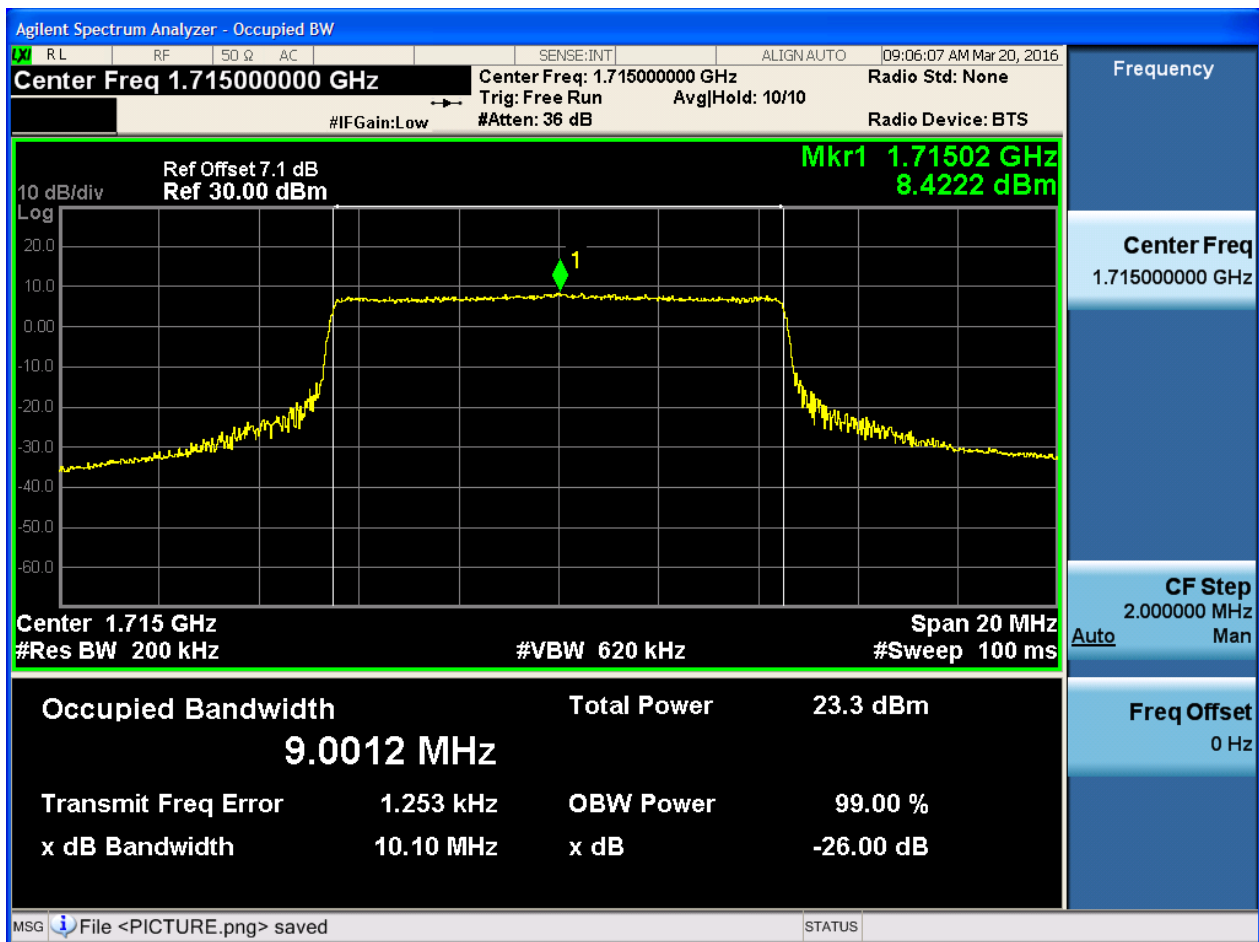




## 4.1.1.1.4 Test Bandwidth = 10

## 4.1.1.1.4.1 Test Channel = LCH

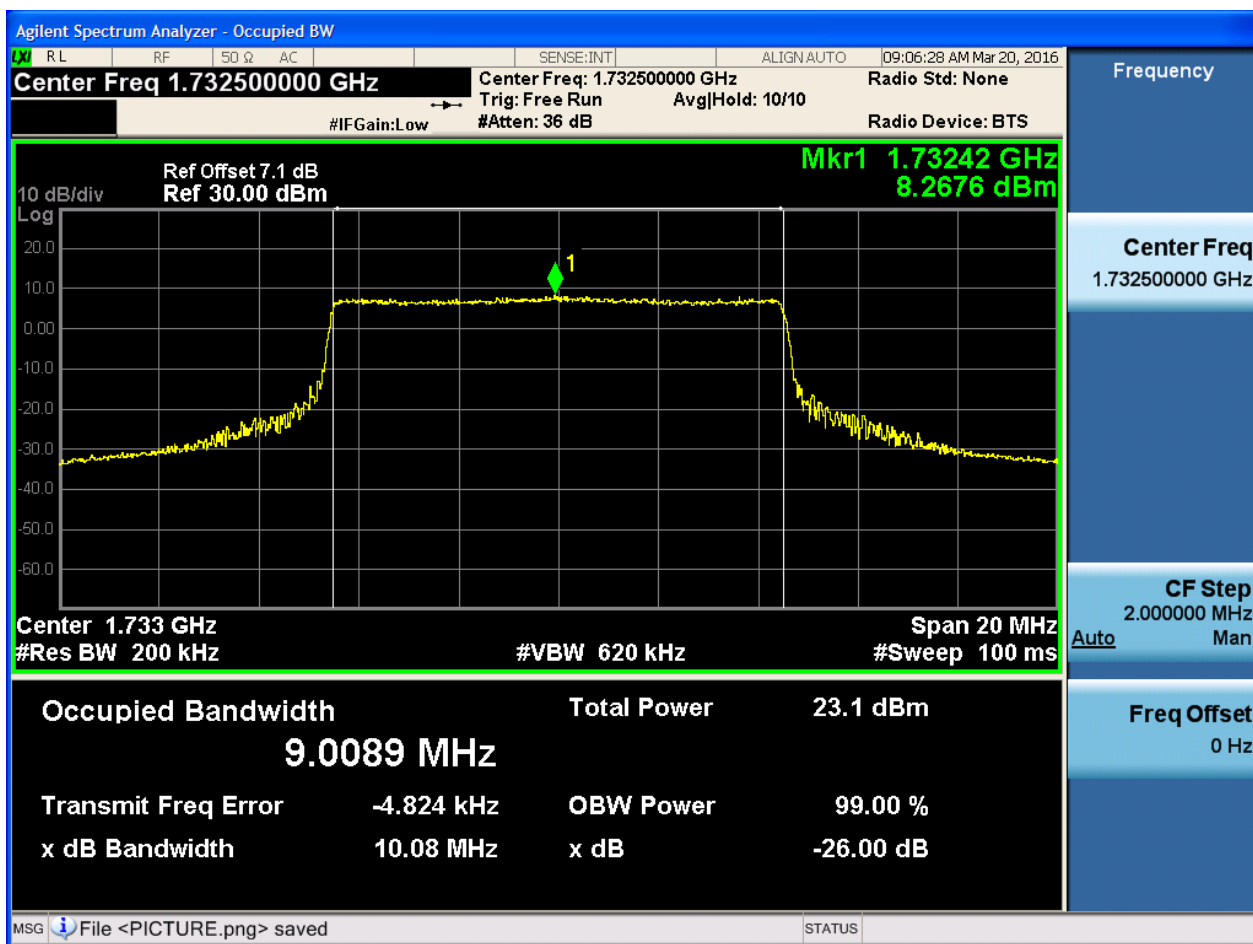
## 4.1.1.1.4.1.1 Test RB = RB50#0





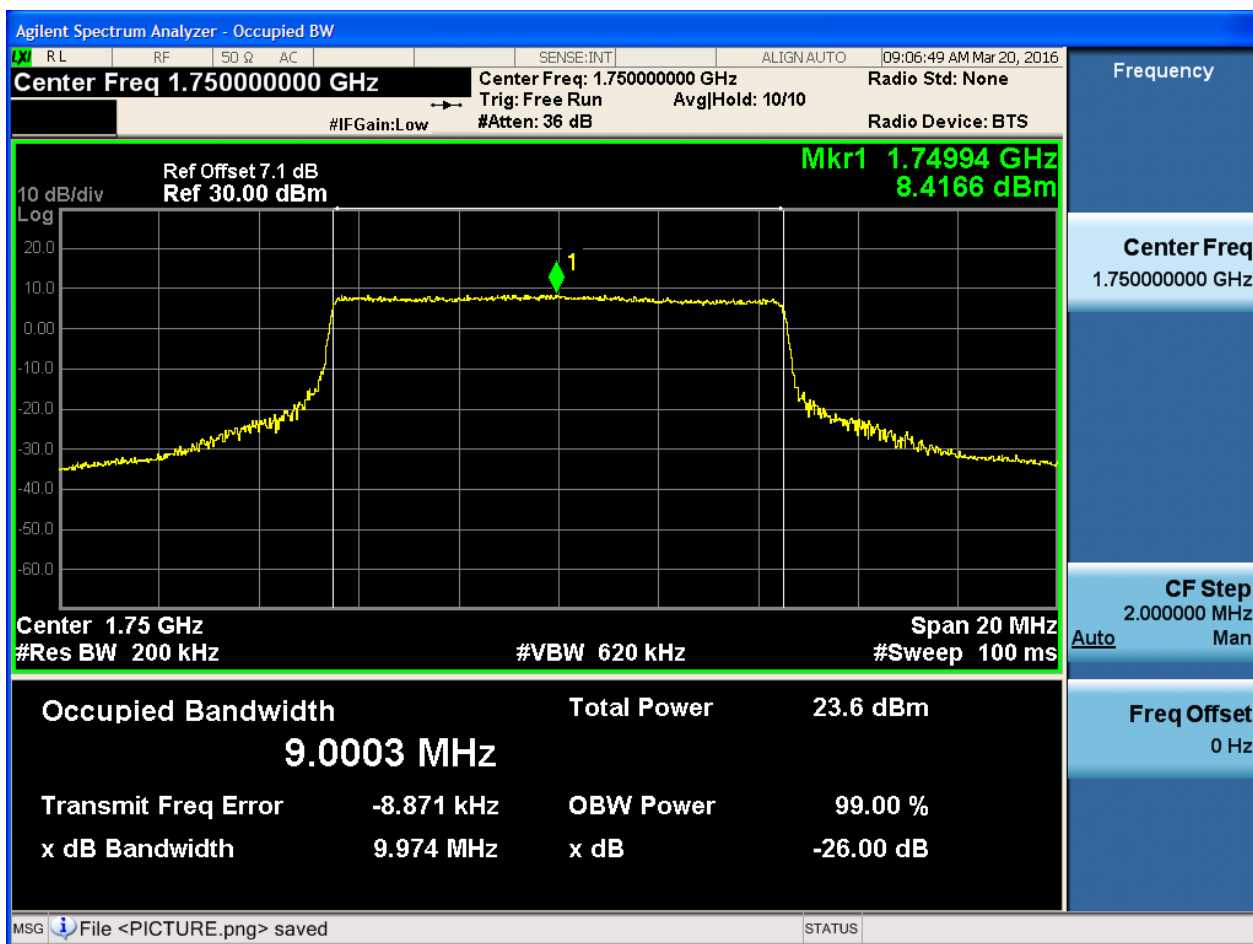
## 4.1.1.1.4.2 Test Channel = MCH

## 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

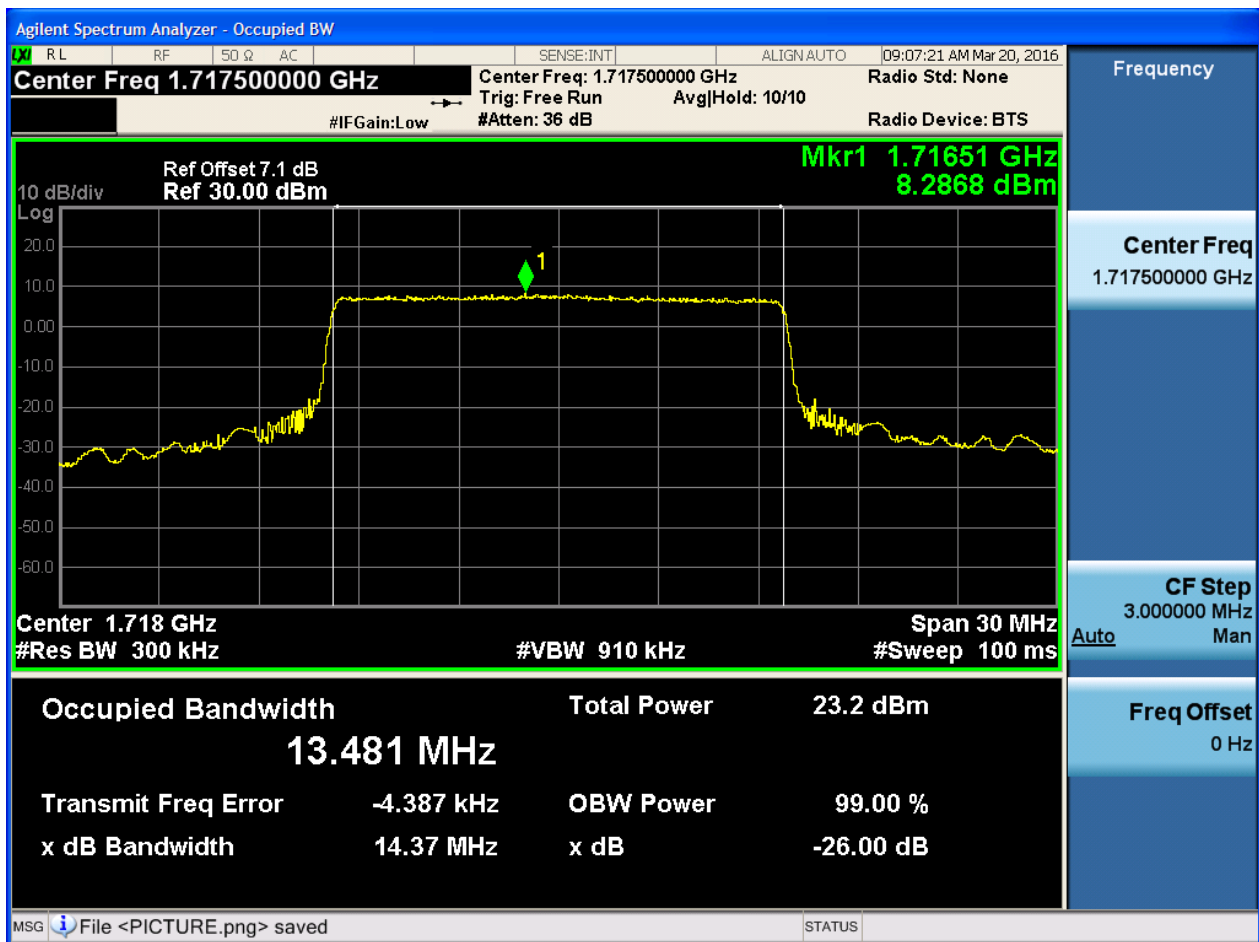




## 4.1.1.1.5 Test Bandwidth = 15

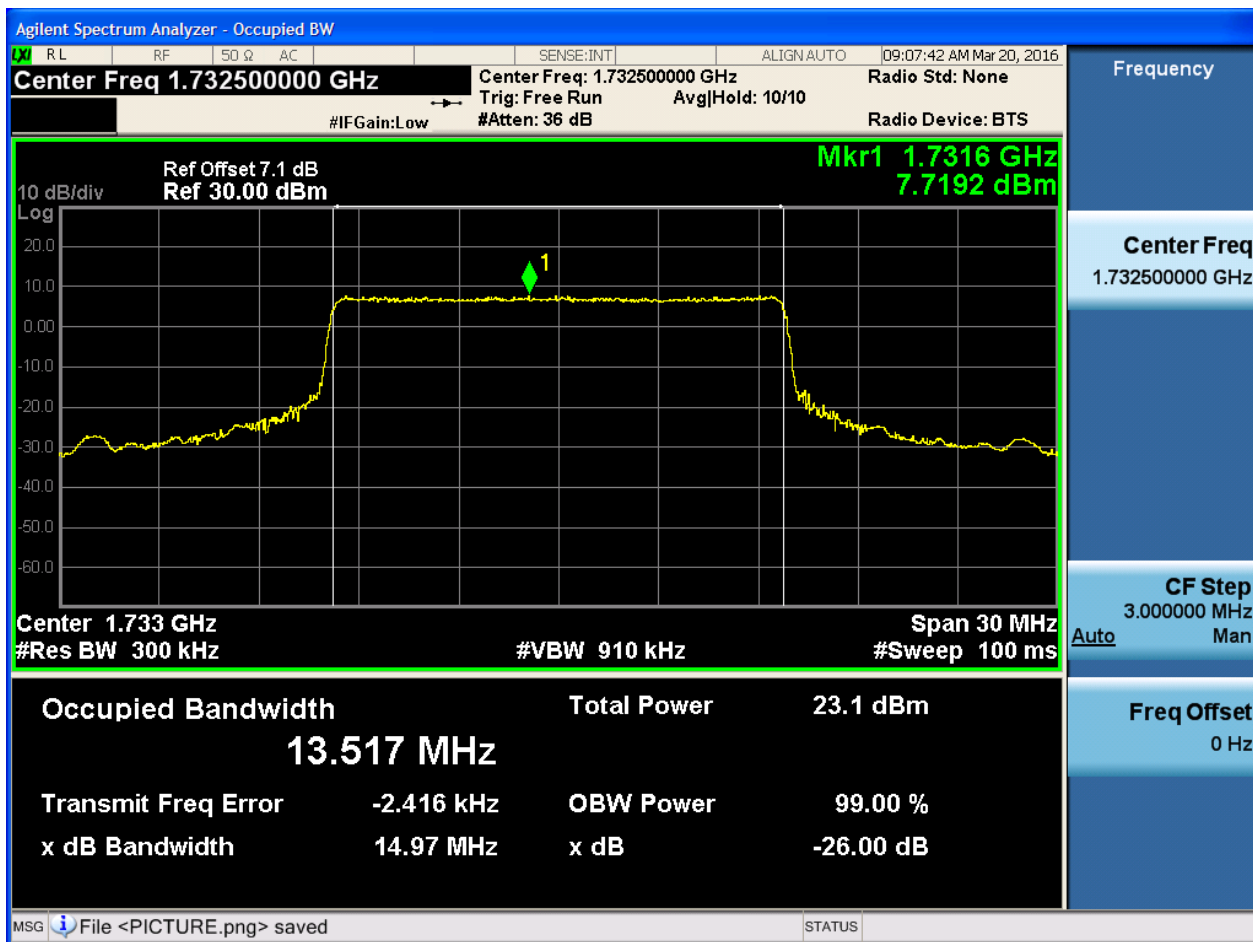
## 4.1.1.1.5.1 Test Channel = LCH

## 4.1.1.1.5.1.1 Test RB = RB75#0



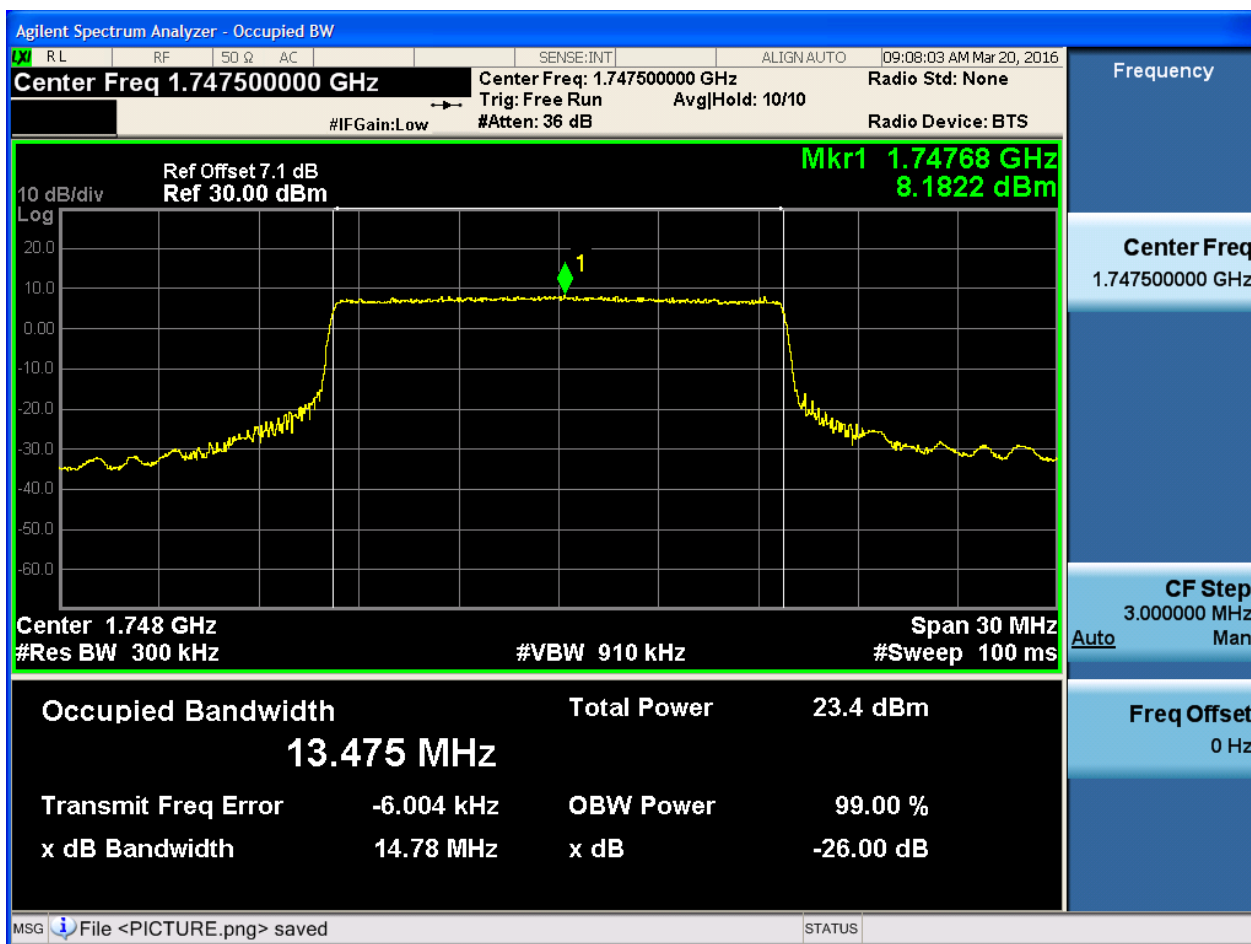
#### 4.1.1.1.5.2 Test Channel = MCH

##### 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

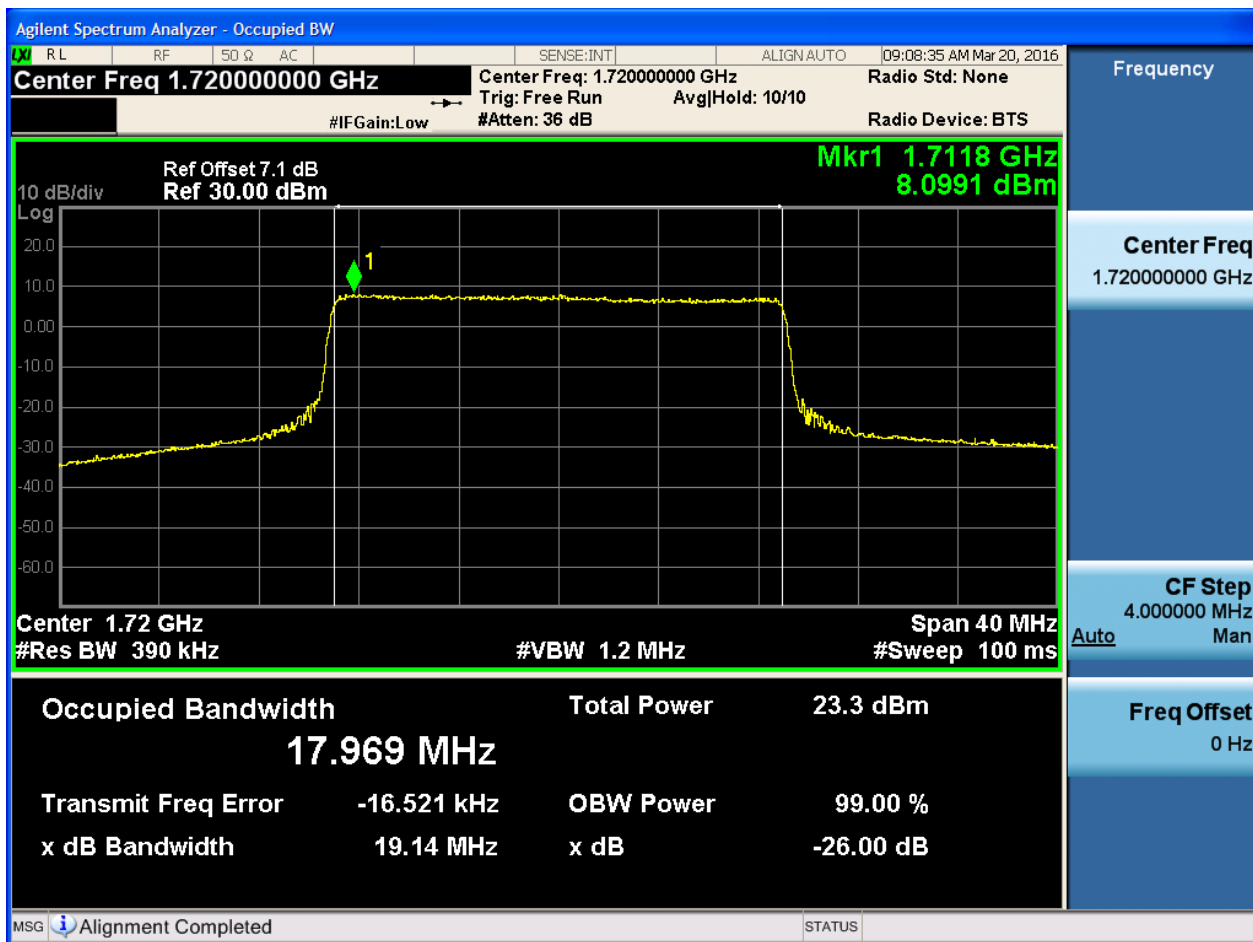




## 4.1.1.1.6 Test Bandwidth = 20

## 4.1.1.1.6.1 Test Channel = LCH

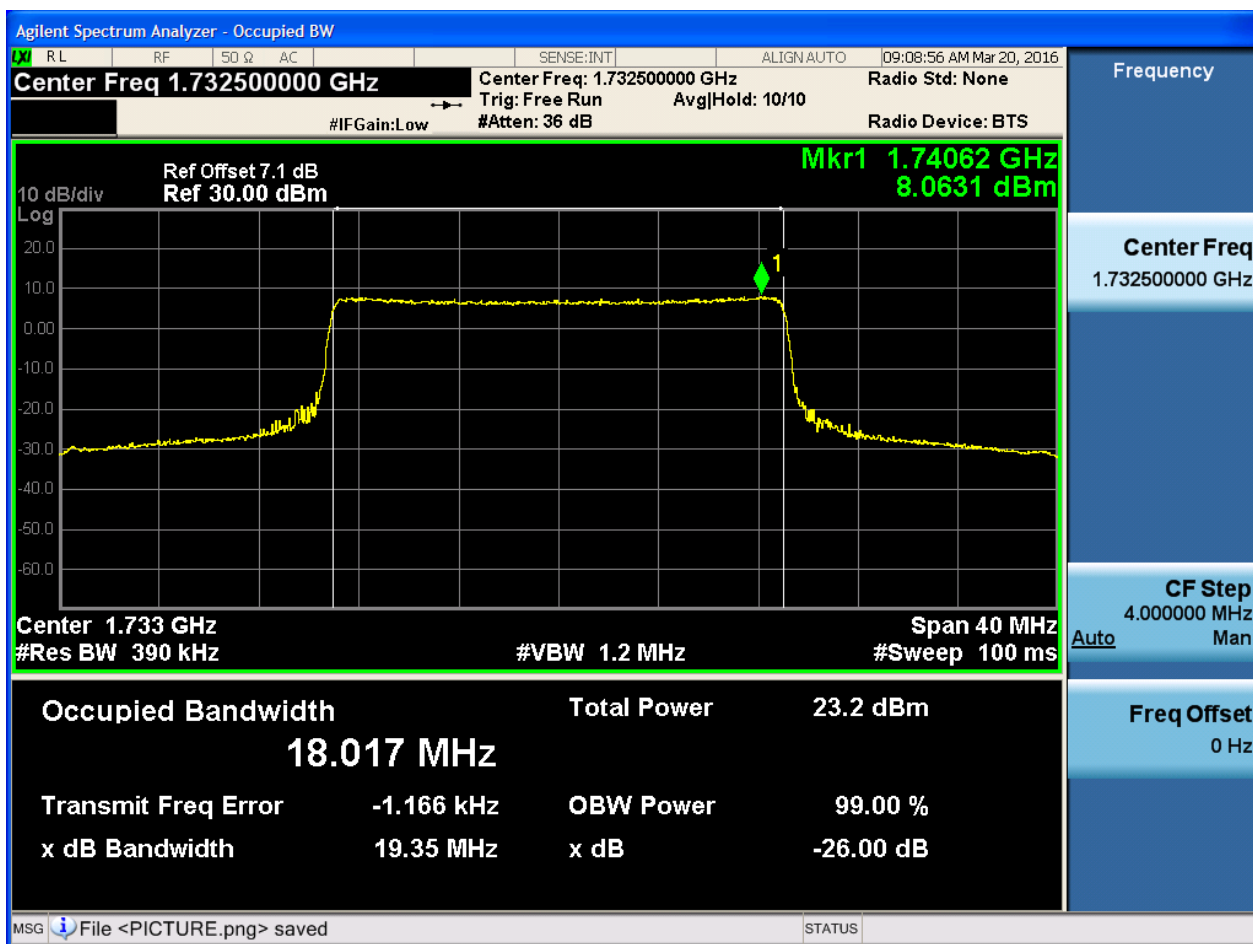
## 4.1.1.1.6.1.1 Test RB = RB100#0





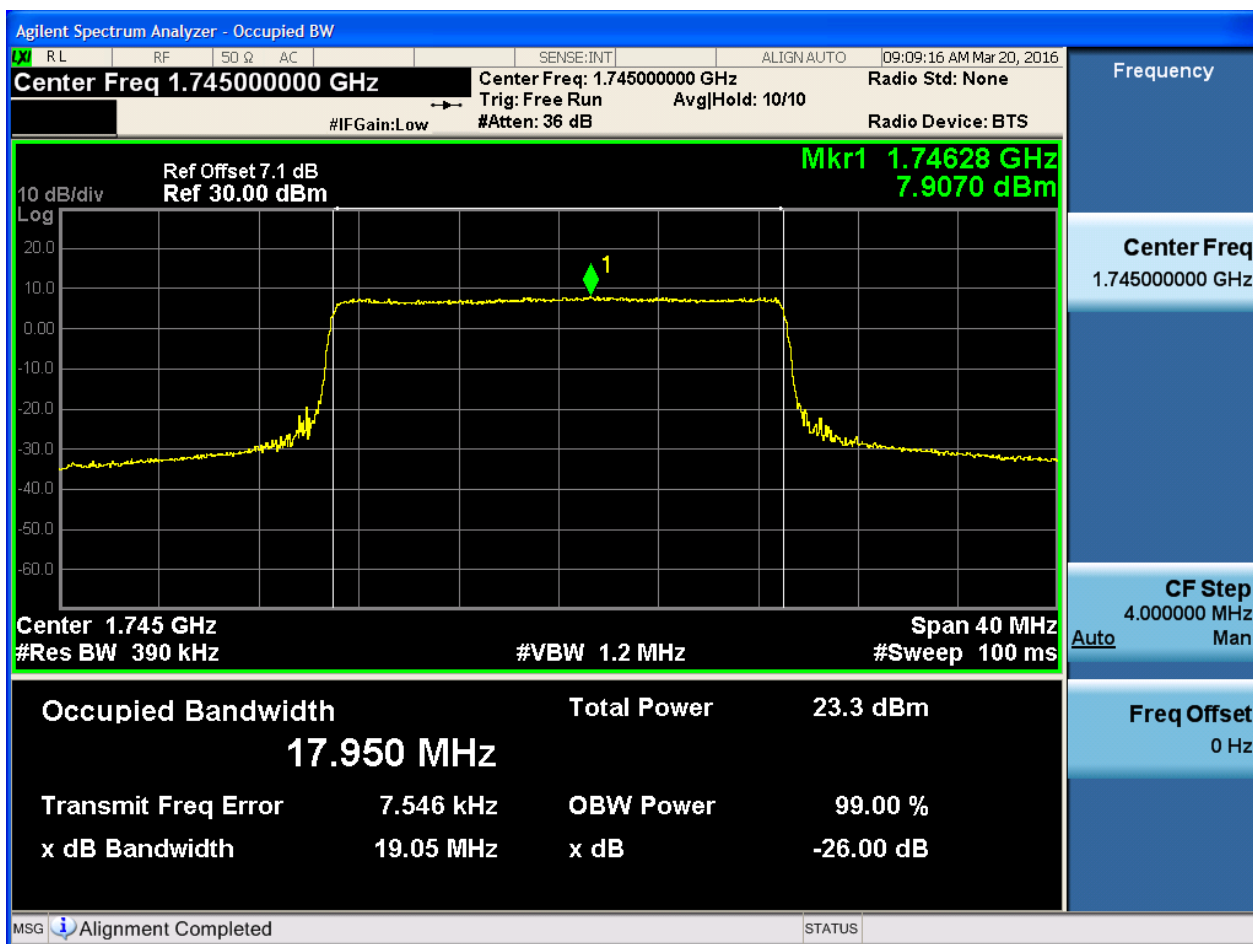
## 4.1.1.1.6.2 Test Channel = MCH

## 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

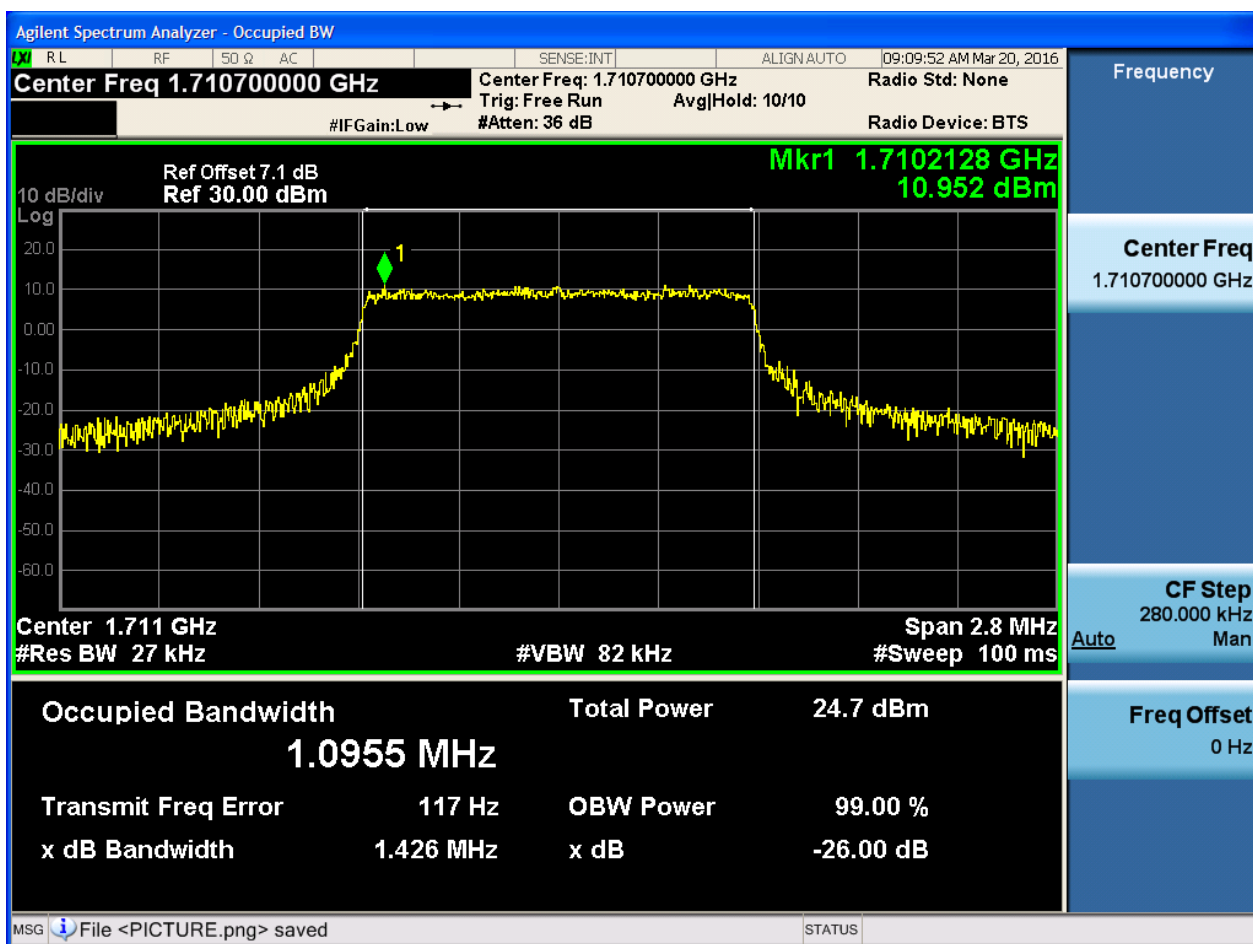


#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 1.4

##### 4.1.1.2.1.1 Test Channel = LCH

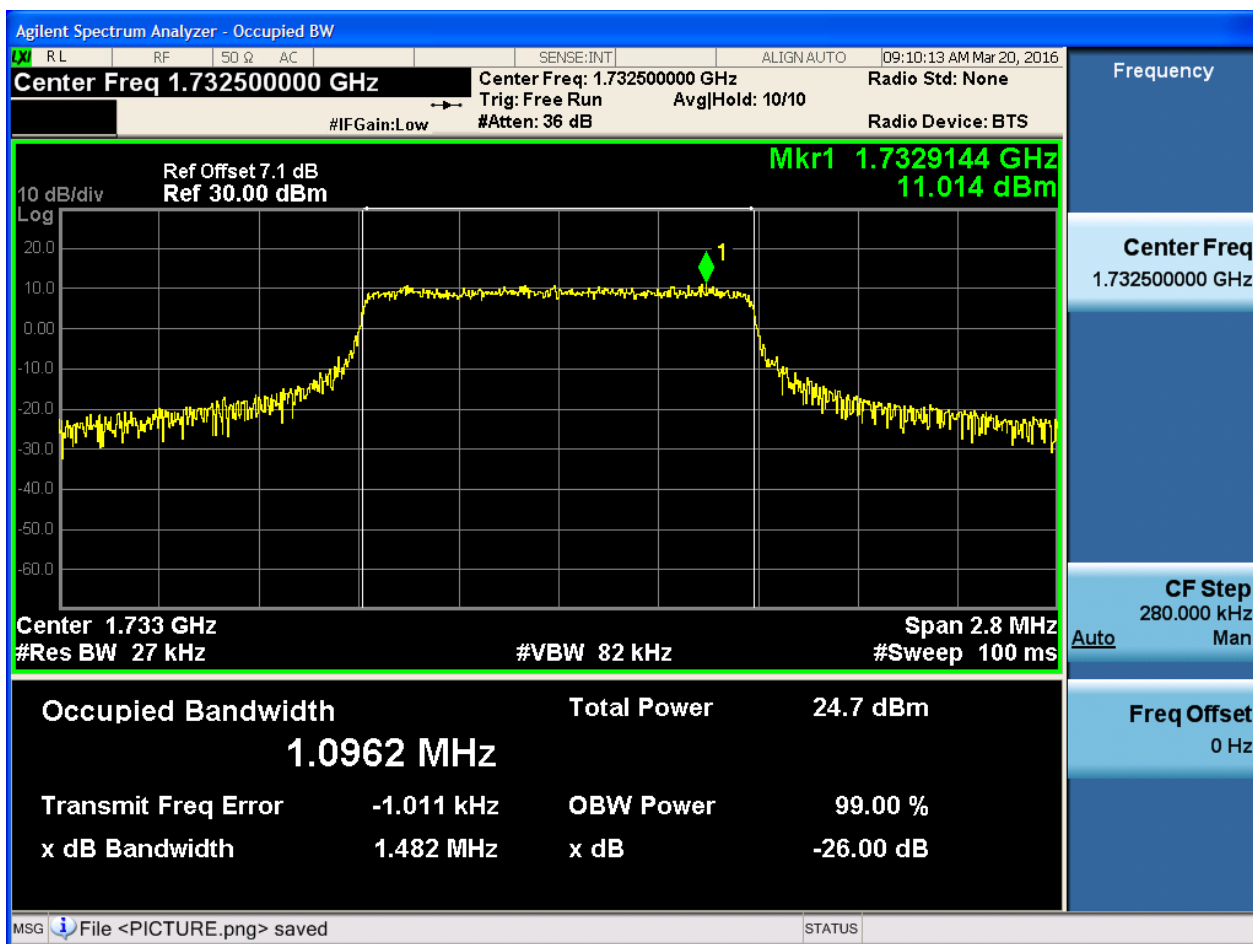
##### 4.1.1.2.1.1.1 Test RB = RB6#0





## 4.1.1.2.1.2 Test Channel = MCH

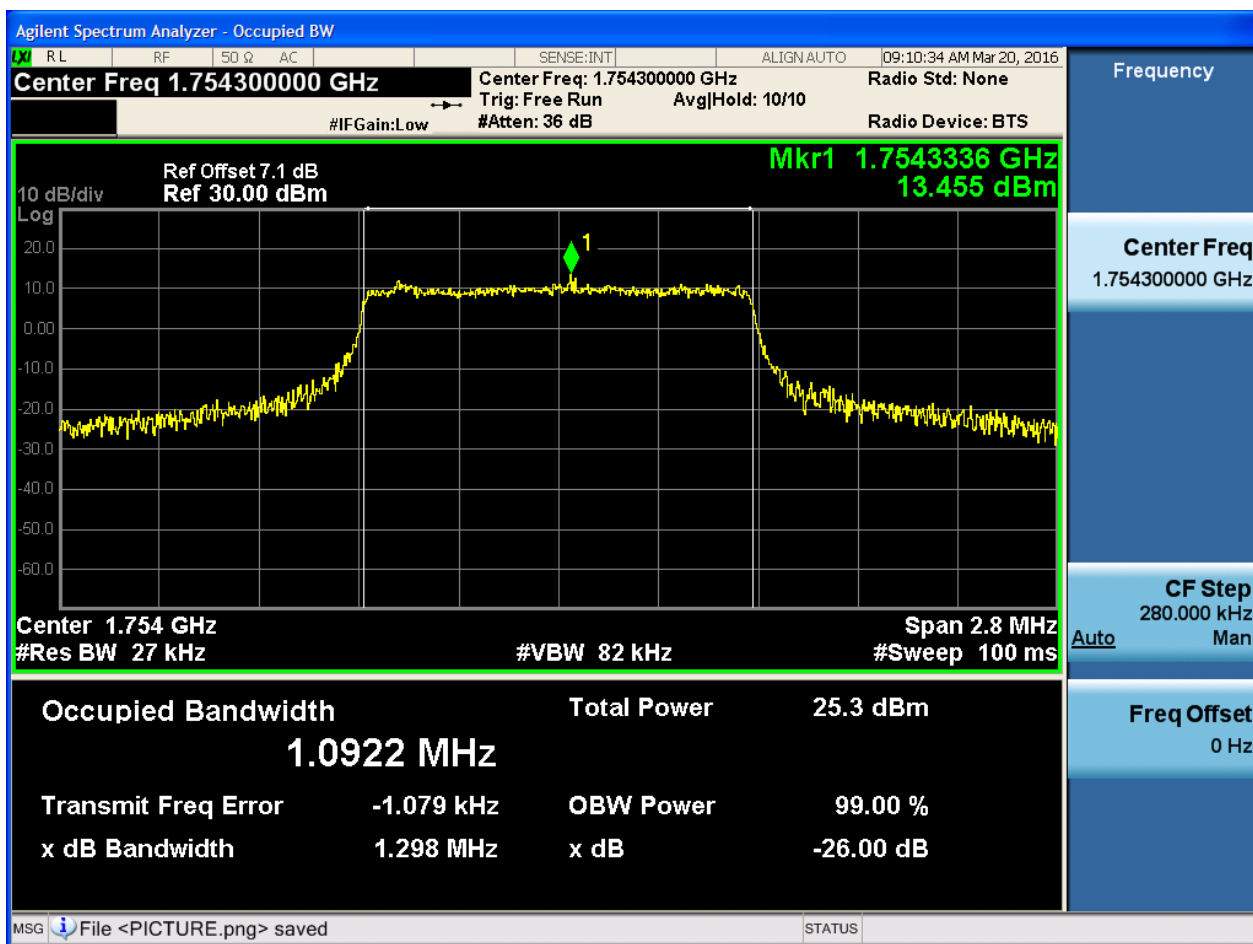
## 4.1.1.2.1.2.1 Test RB = RB6#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB6#0

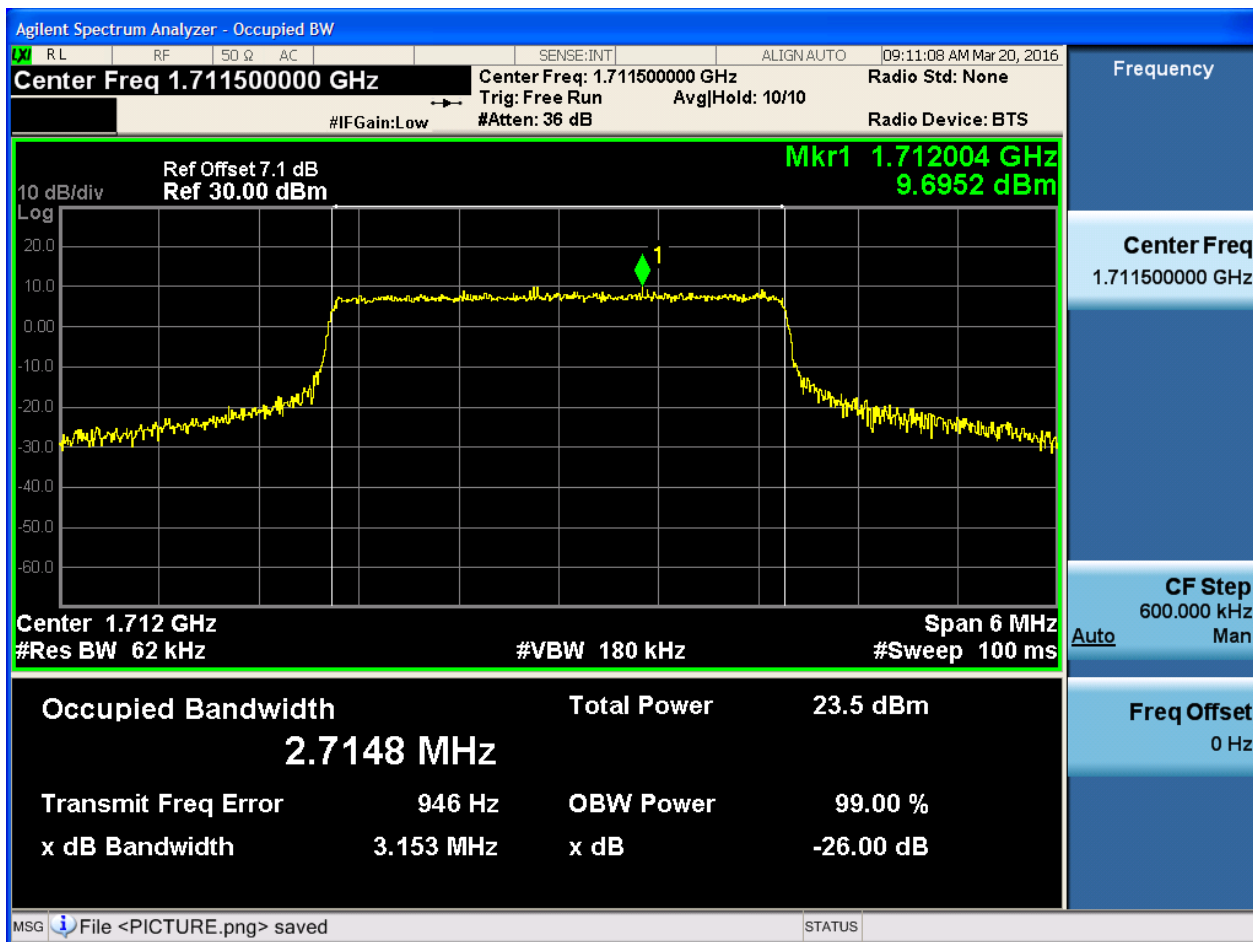




## 4.1.1.2.2 Test Bandwidth = 3

## 4.1.1.2.2.1 Test Channel = LCH

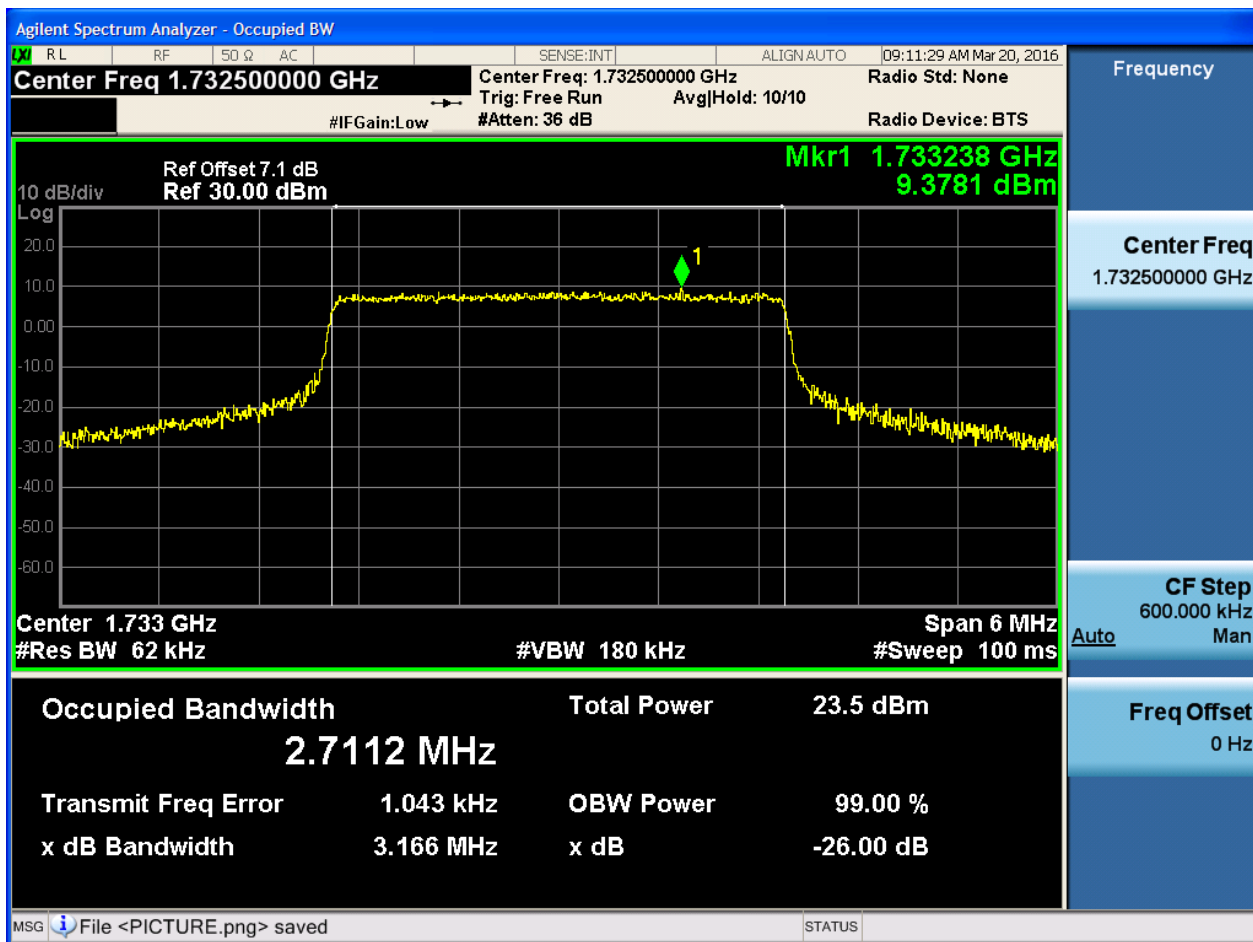
## 4.1.1.2.2.1.1 Test RB = RB15#0





## 4.1.1.2.2.2 Test Channel = MCH

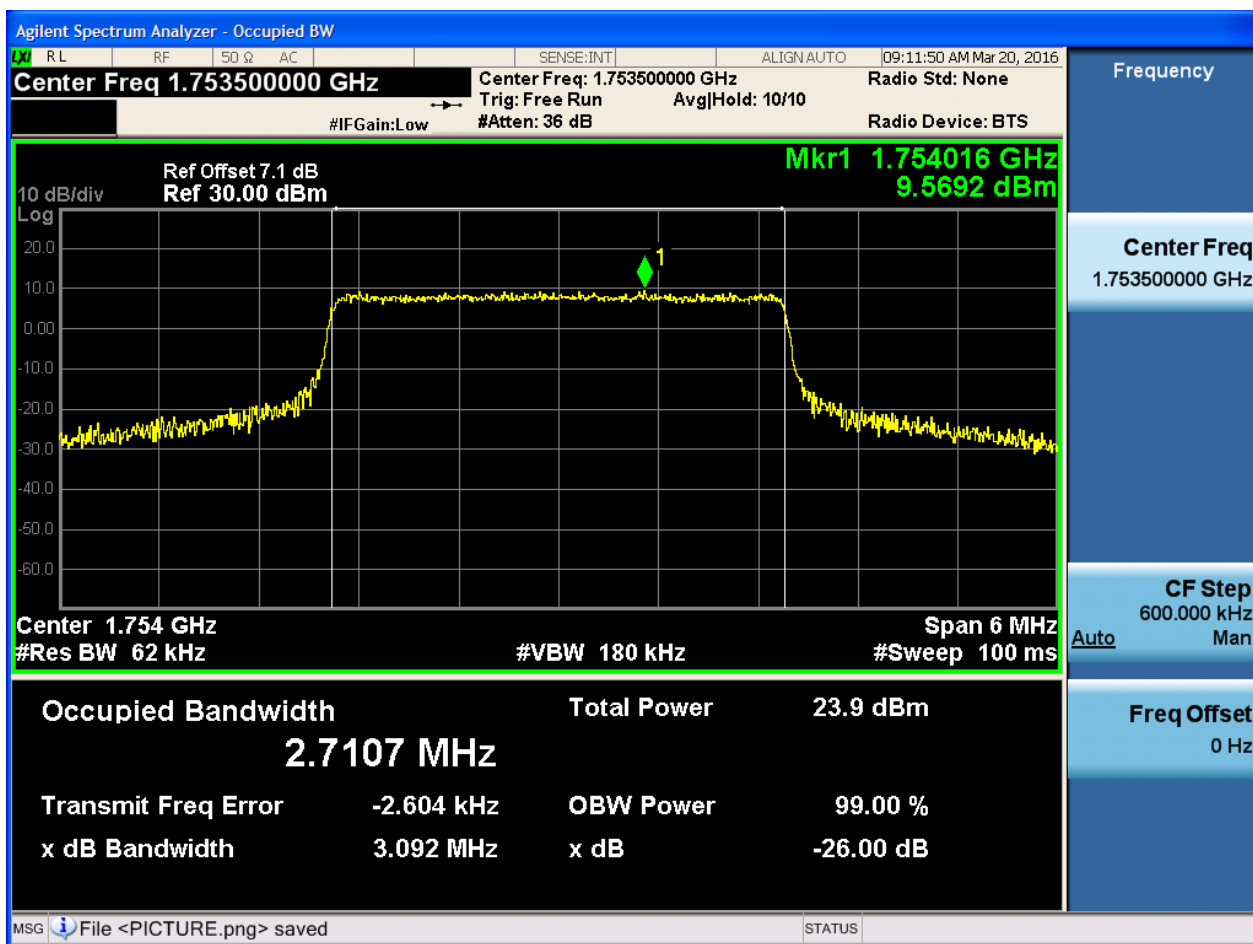
## 4.1.1.2.2.2.1 Test RB = RB15#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB15#0

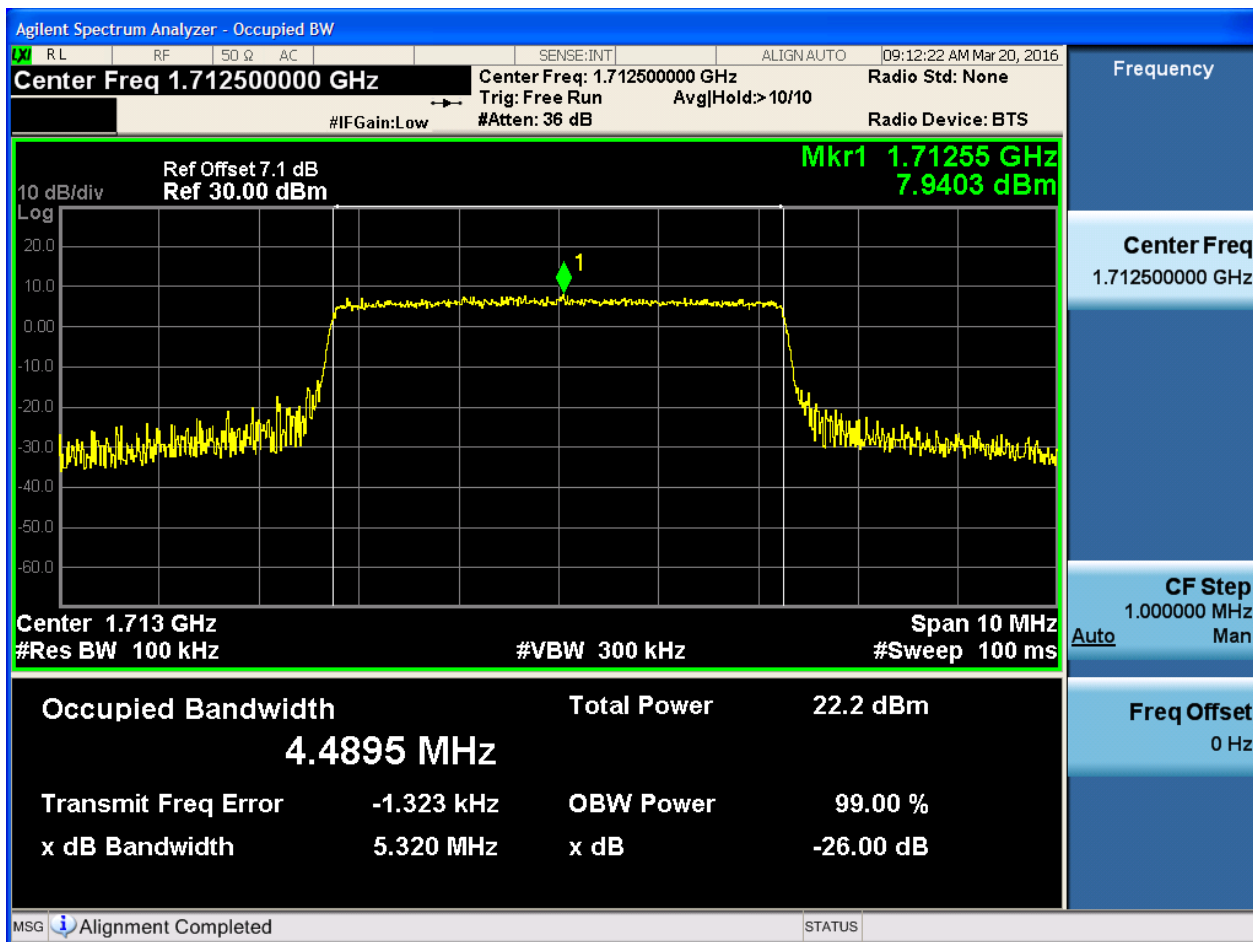




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

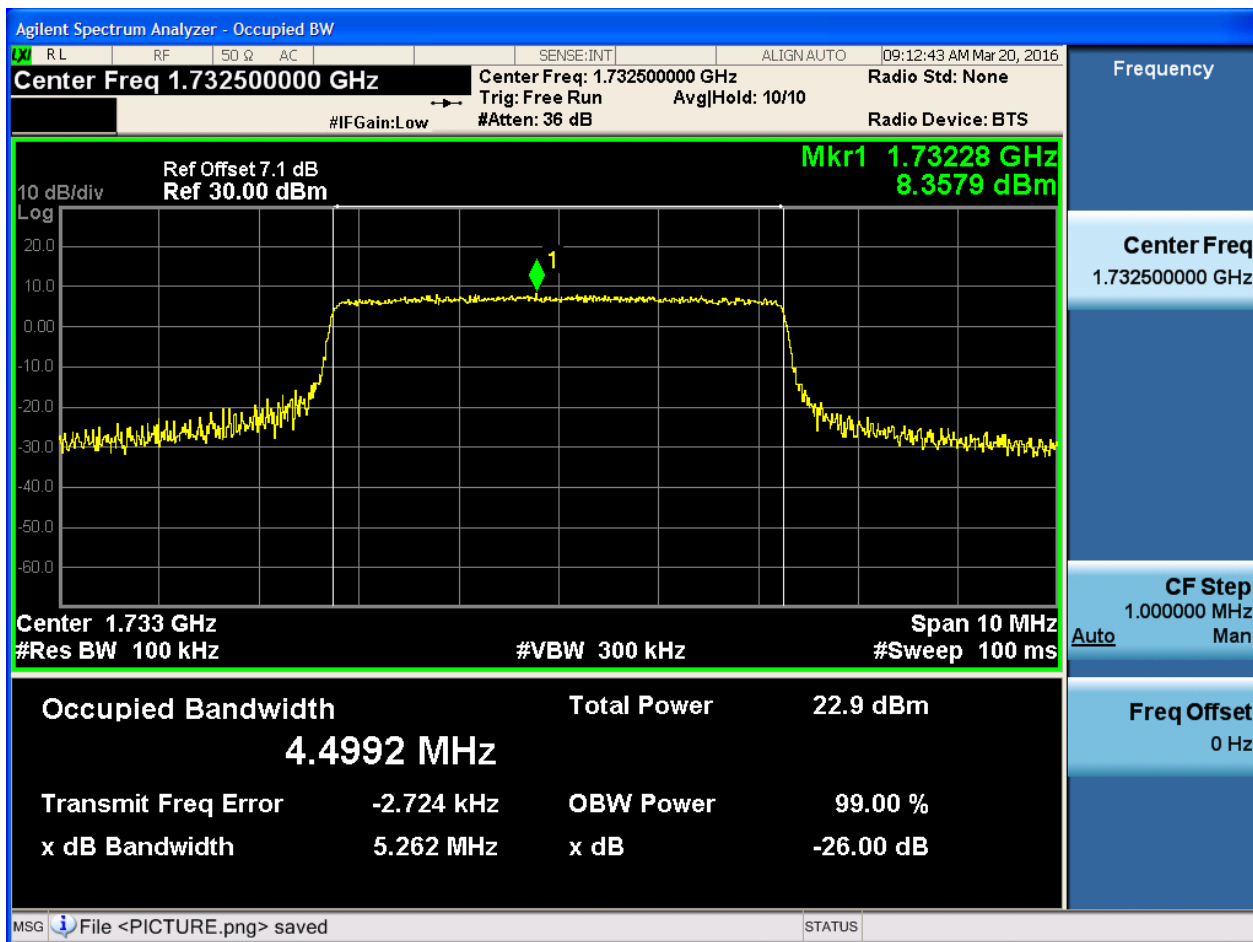
## 4.1.1.2.3.1.1 Test RB = RB25#0





## 4.1.1.2.3.2 Test Channel = MCH

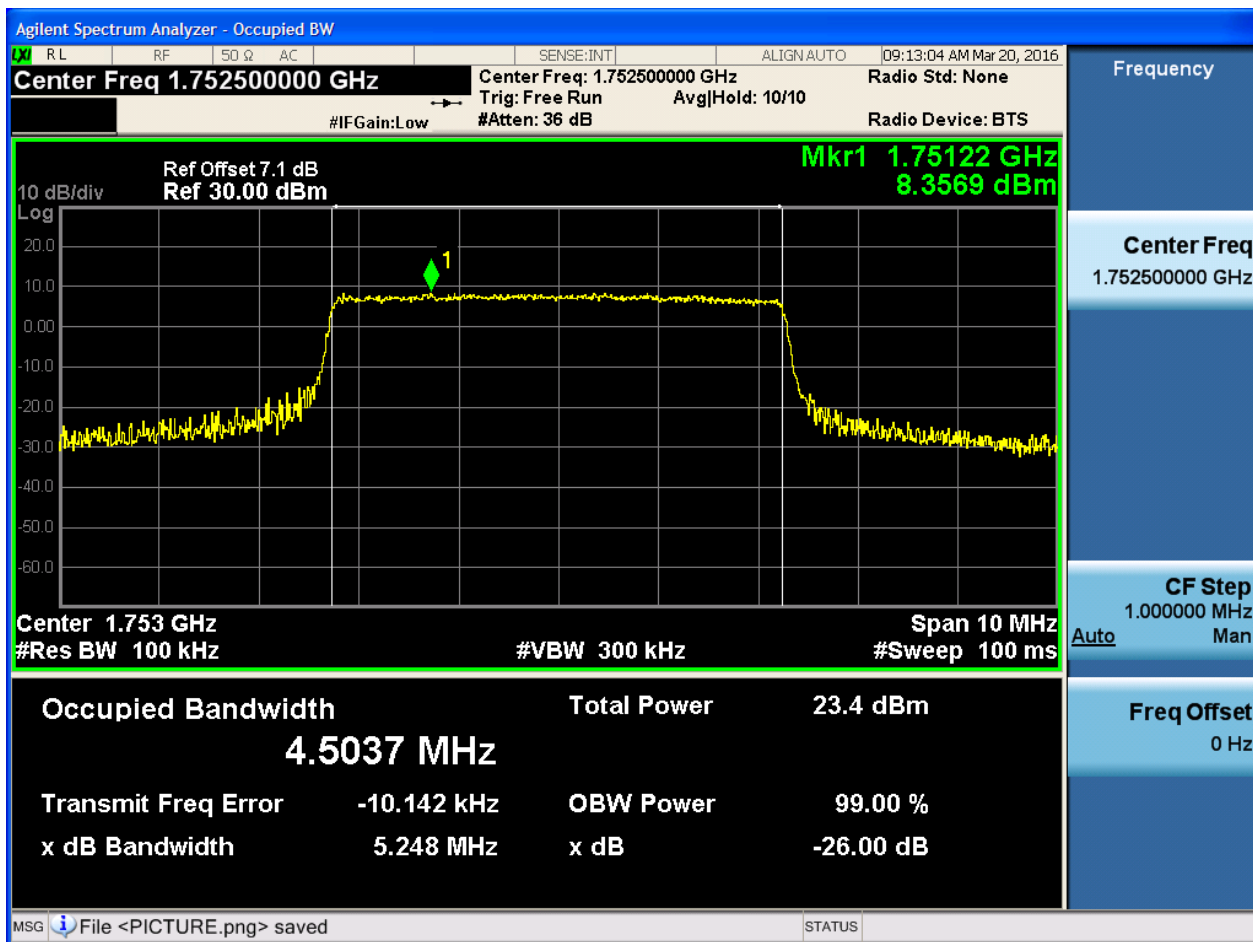
## 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

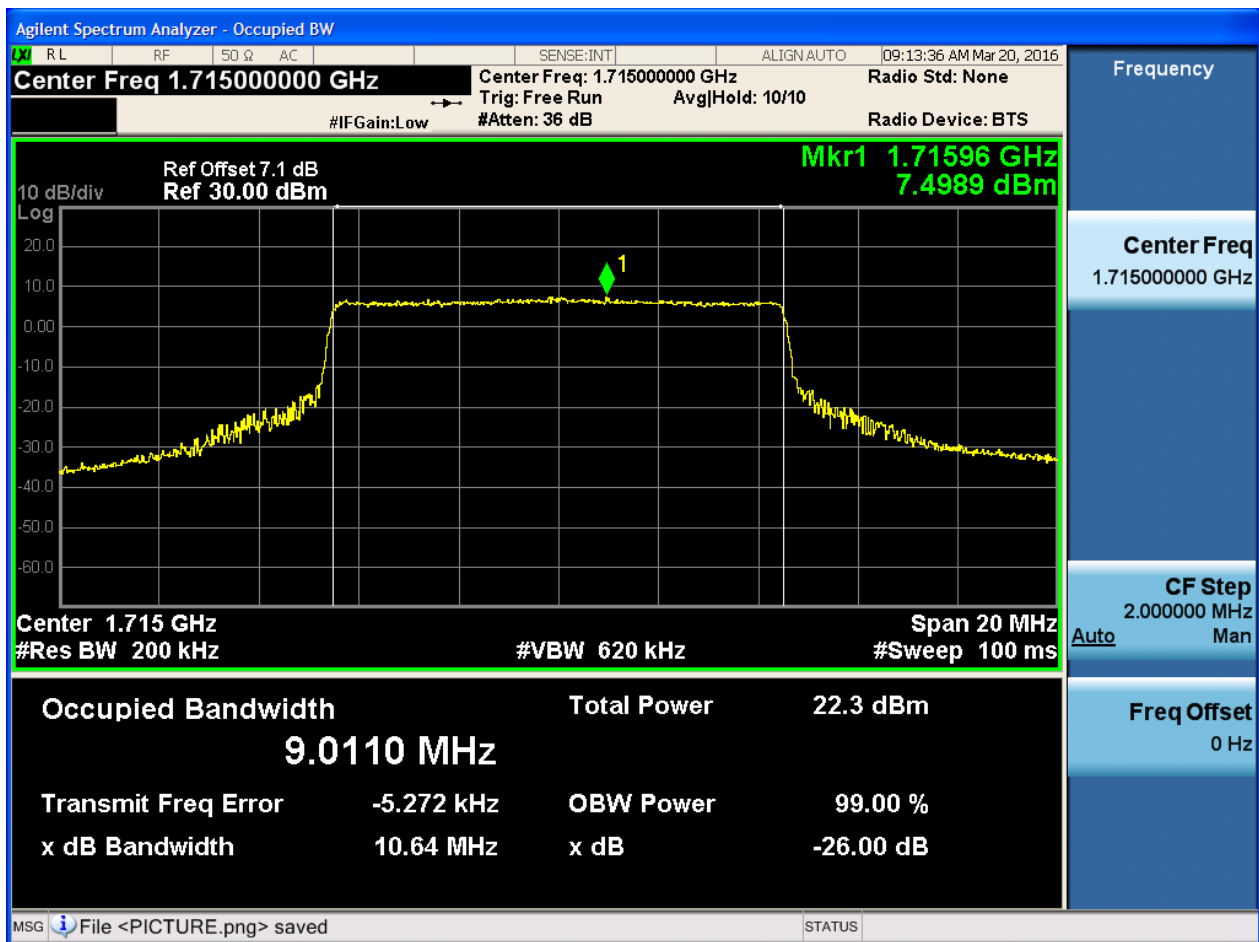




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH

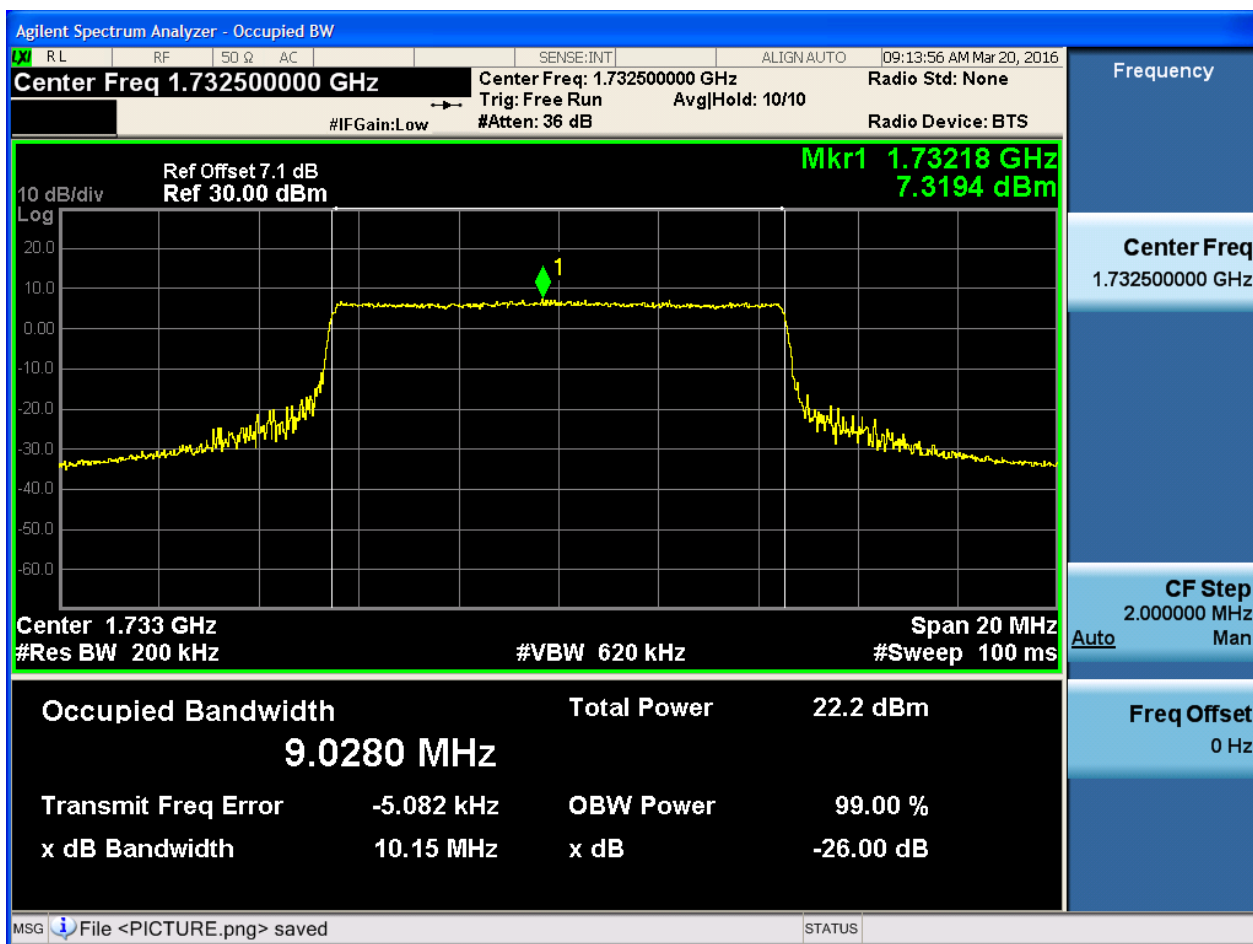
## 4.1.1.2.4.1.1 Test RB = RB50#0





## 4.1.1.2.4.2 Test Channel = MCH

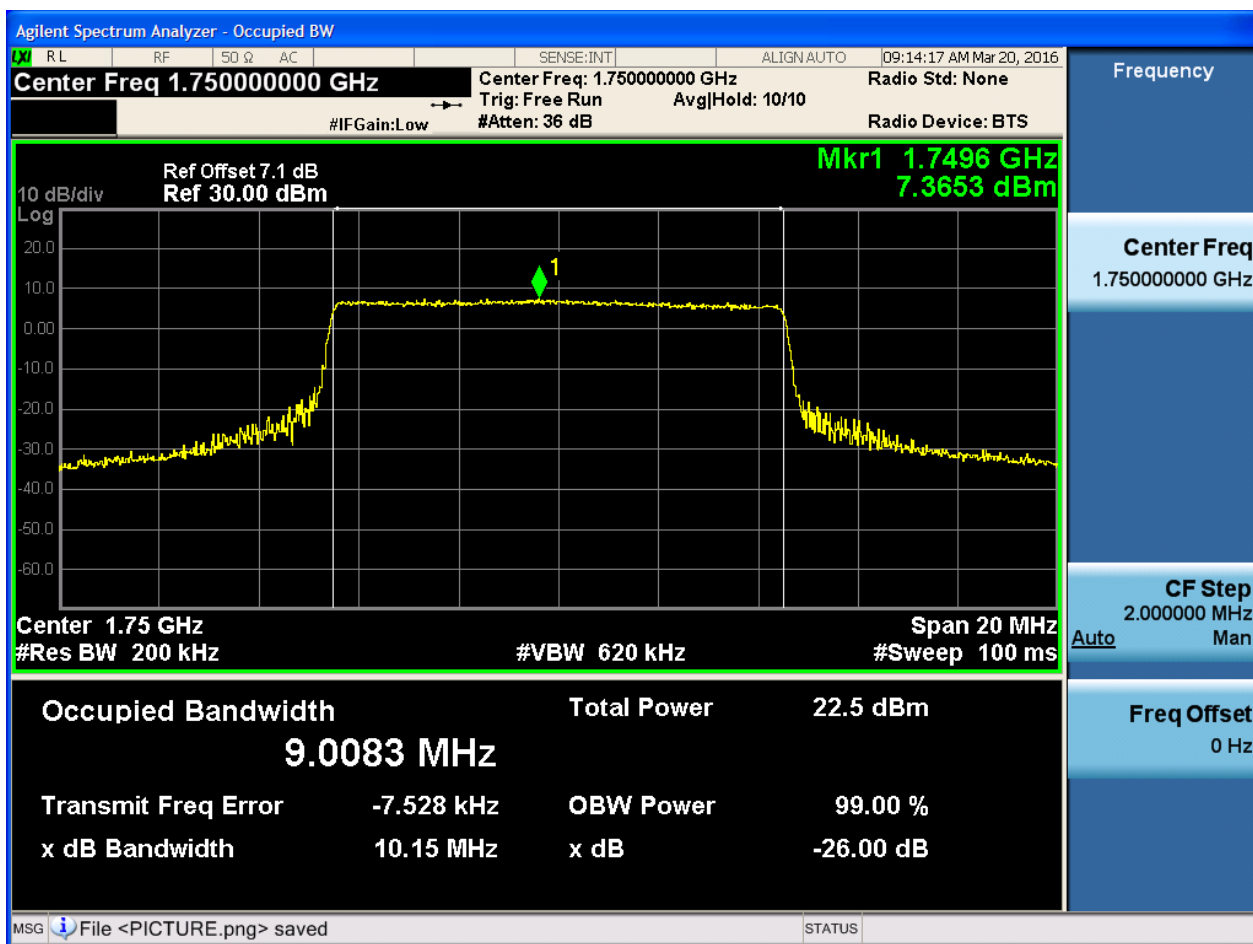
## 4.1.1.2.4.2.1 Test RB = RB50#0





## 4.1.1.2.4.3 Test Channel = HCH

## 4.1.1.2.4.3.1 Test RB = RB50#0

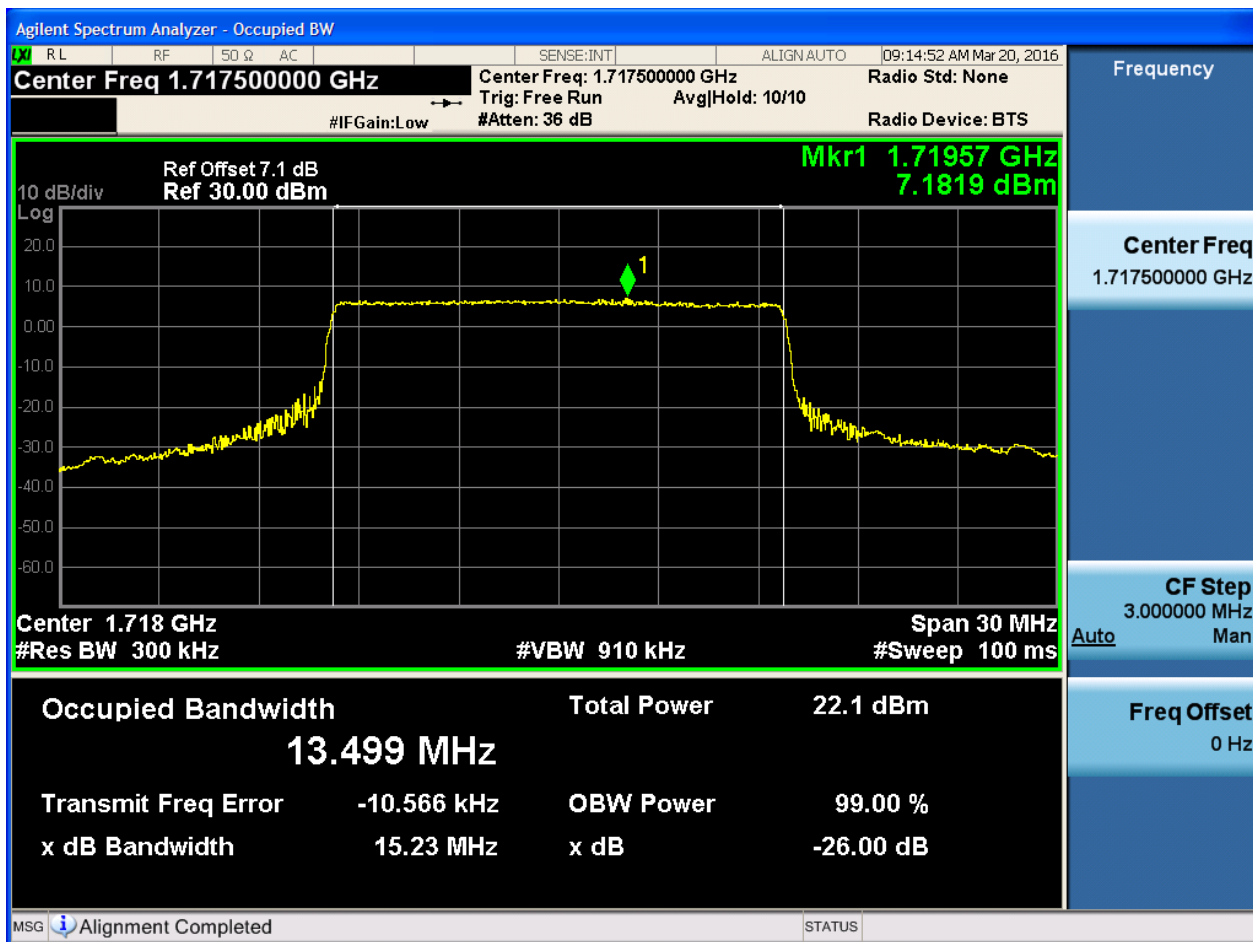




## 4.1.1.2.5 Test Bandwidth = 15

## 4.1.1.2.5.1 Test Channel = LCH

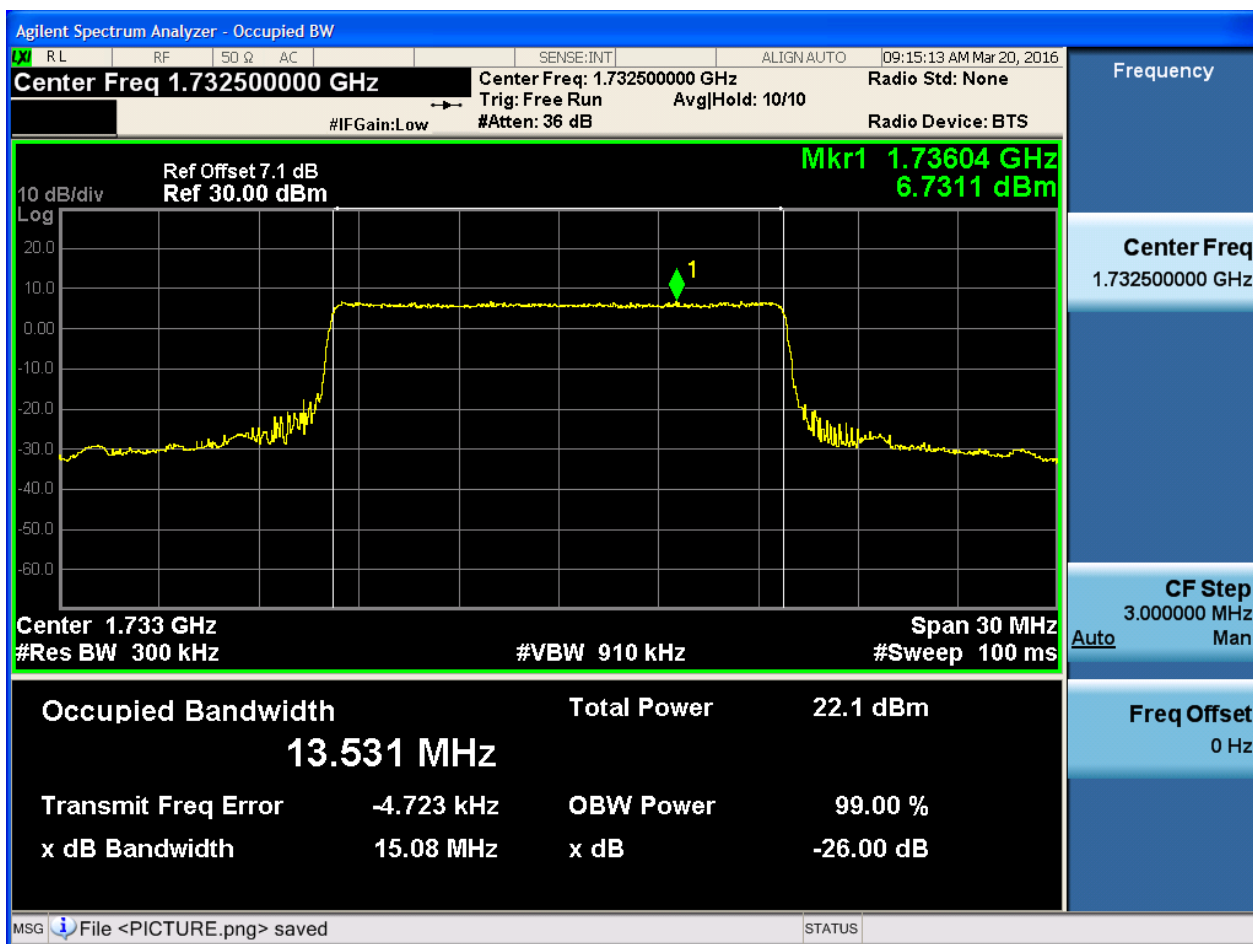
## 4.1.1.2.5.1.1 Test RB = RB75#0





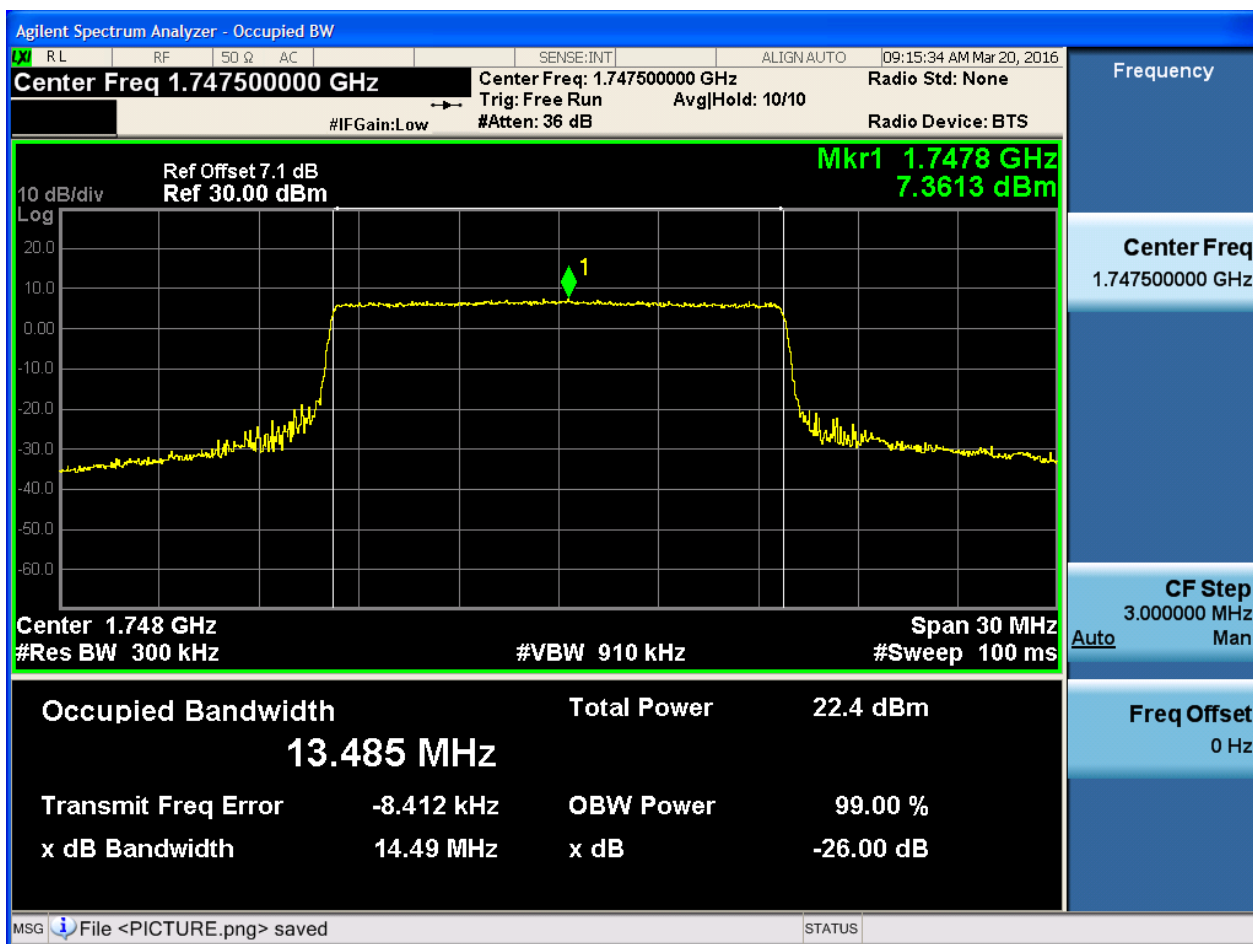
## 4.1.1.2.5.2 Test Channel = MCH

## 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

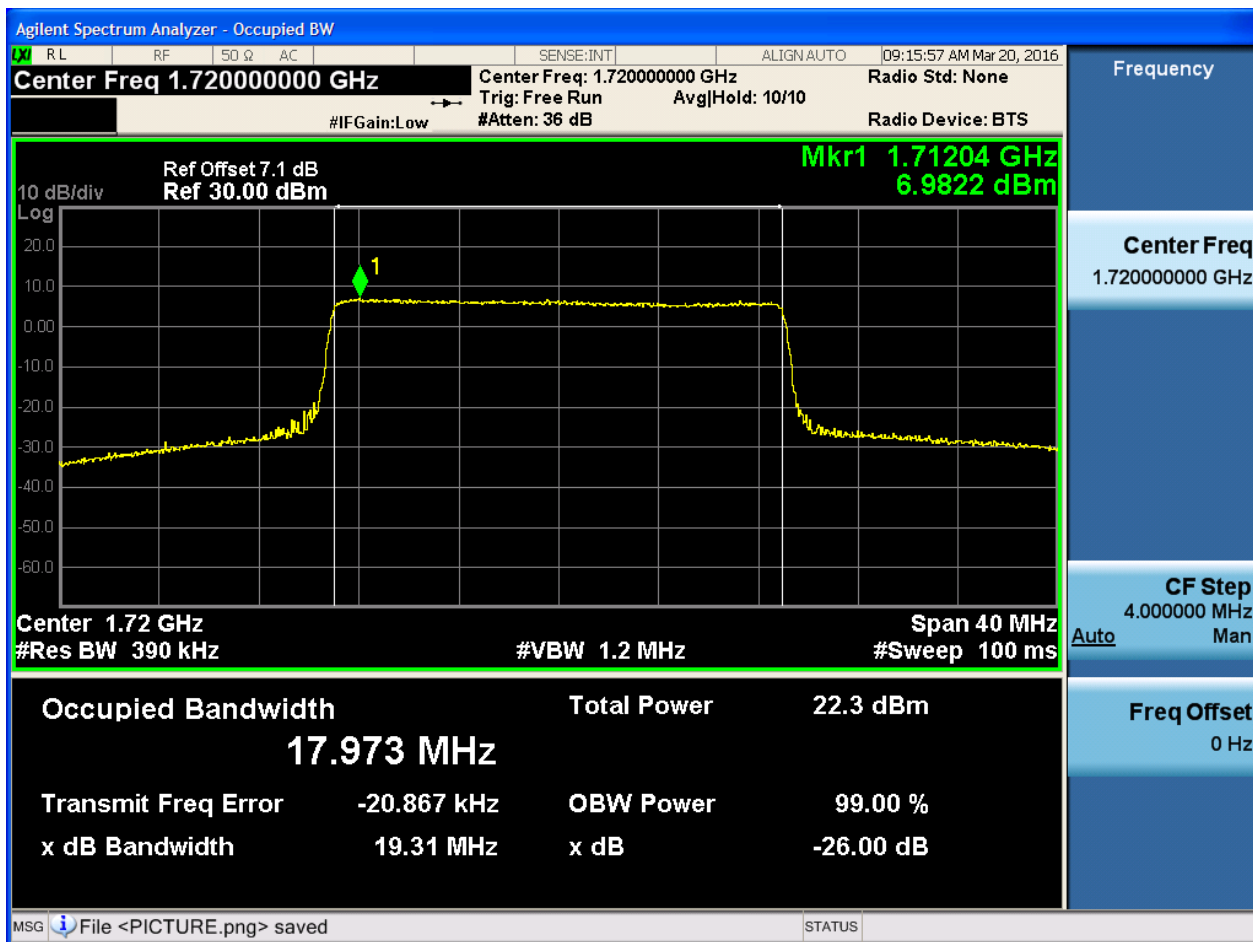




## 4.1.1.2.6 Test Bandwidth = 20

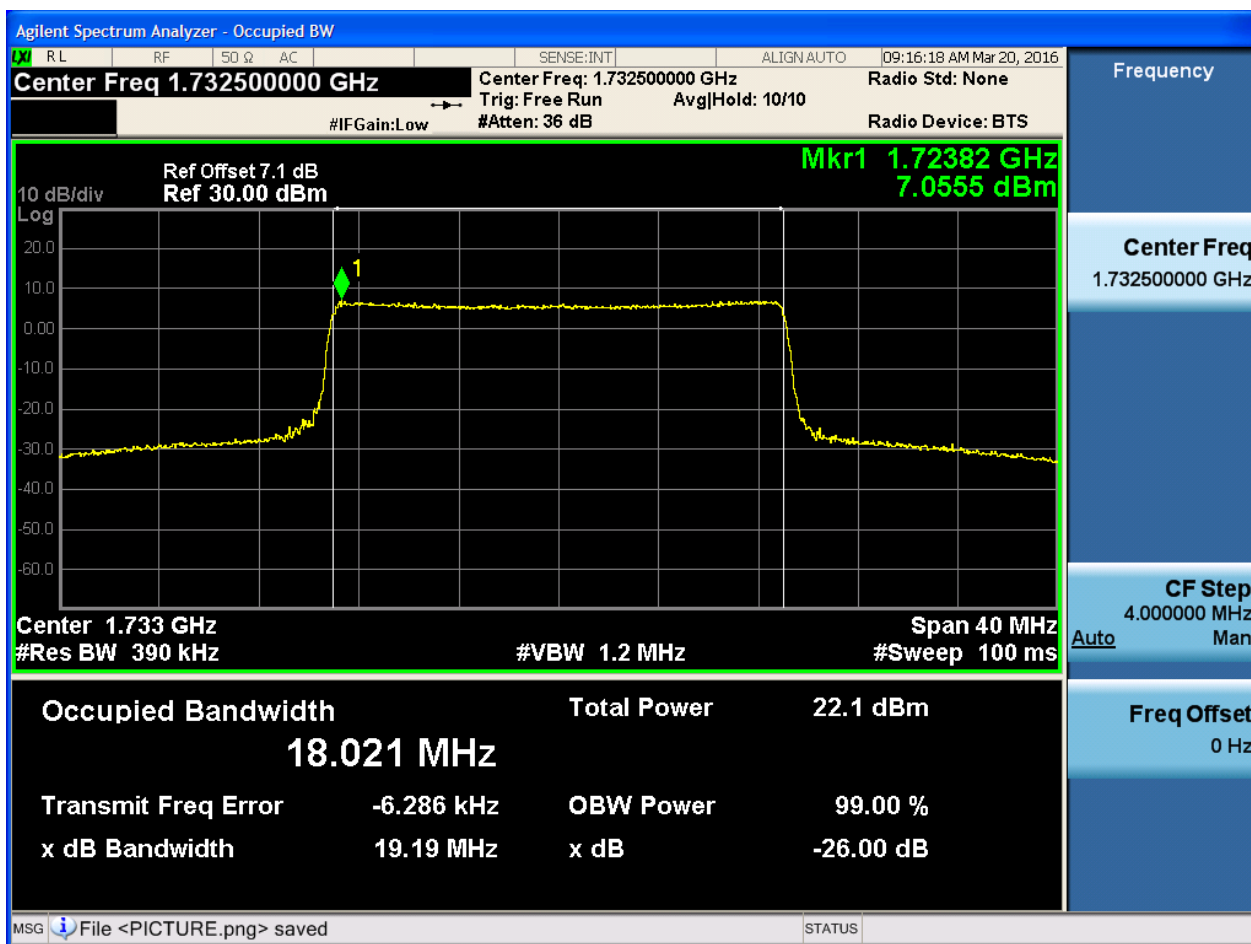
## 4.1.1.2.6.1 Test Channel = LCH

## 4.1.1.2.6.1.1 Test RB = RB100#0



#### 4.1.1.2.6.2 Test Channel = MCH

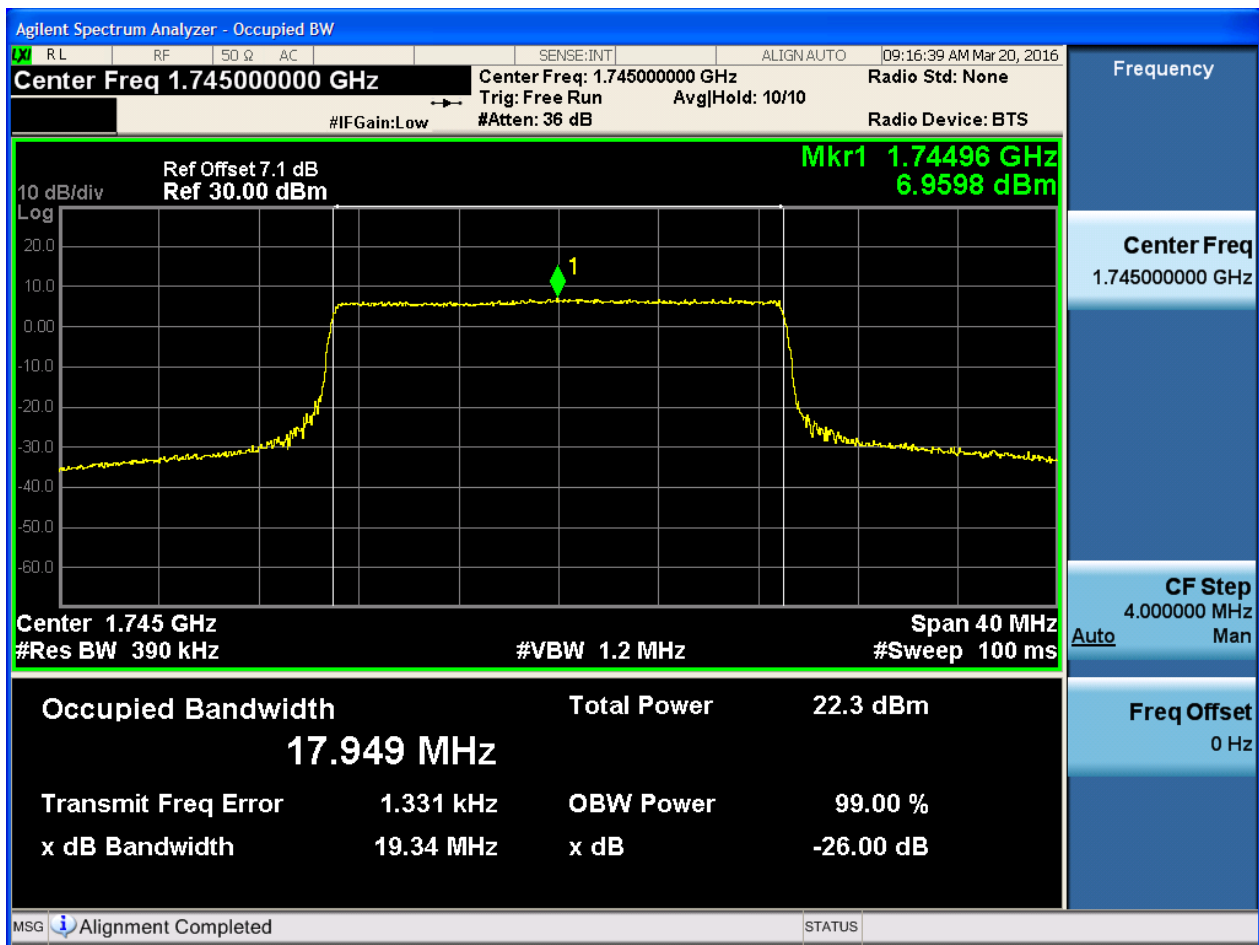
##### 4.1.1.2.6.2.1 Test RB = RB100#0





## 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

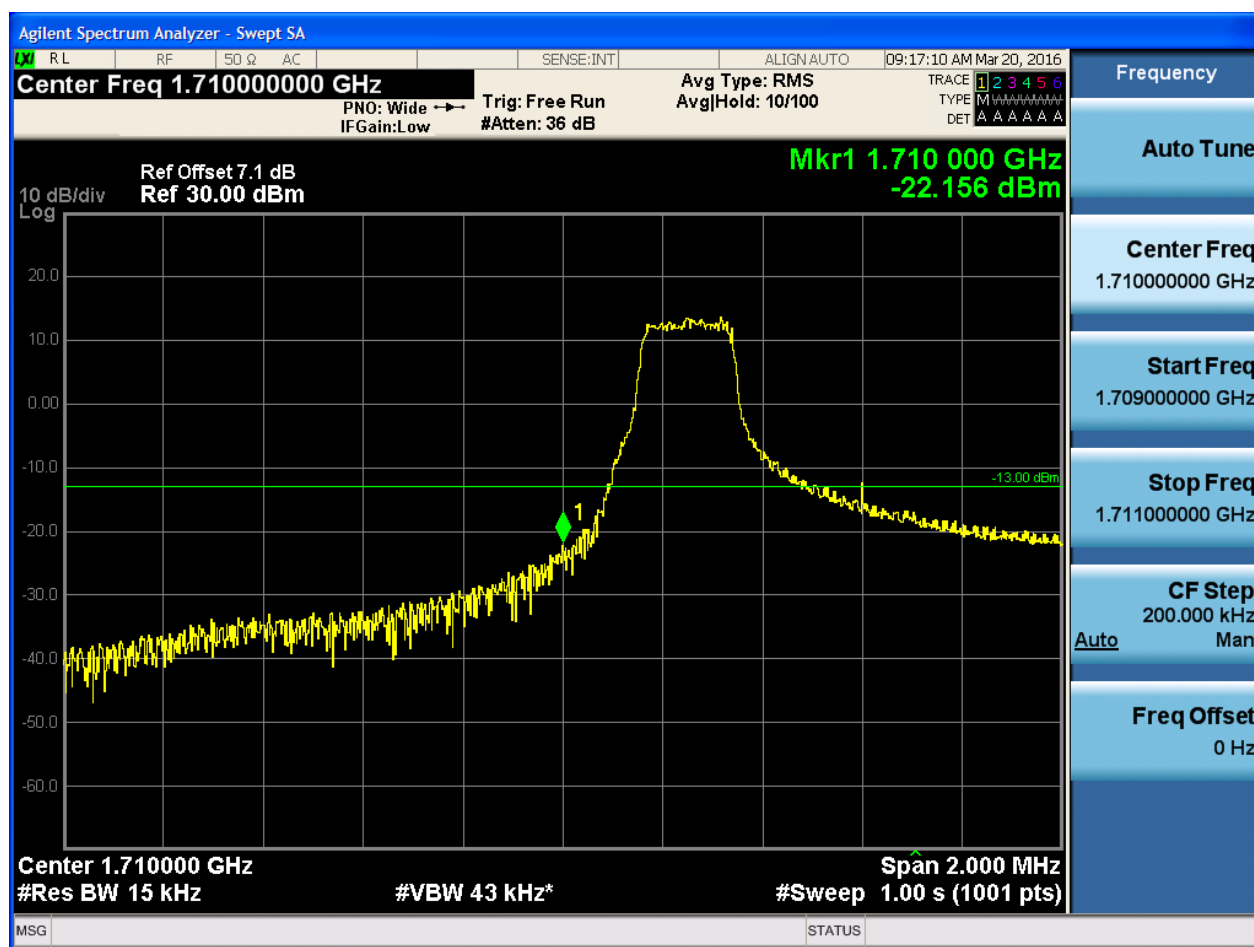
##### 5.1.1 Test Band = BAND4

##### 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



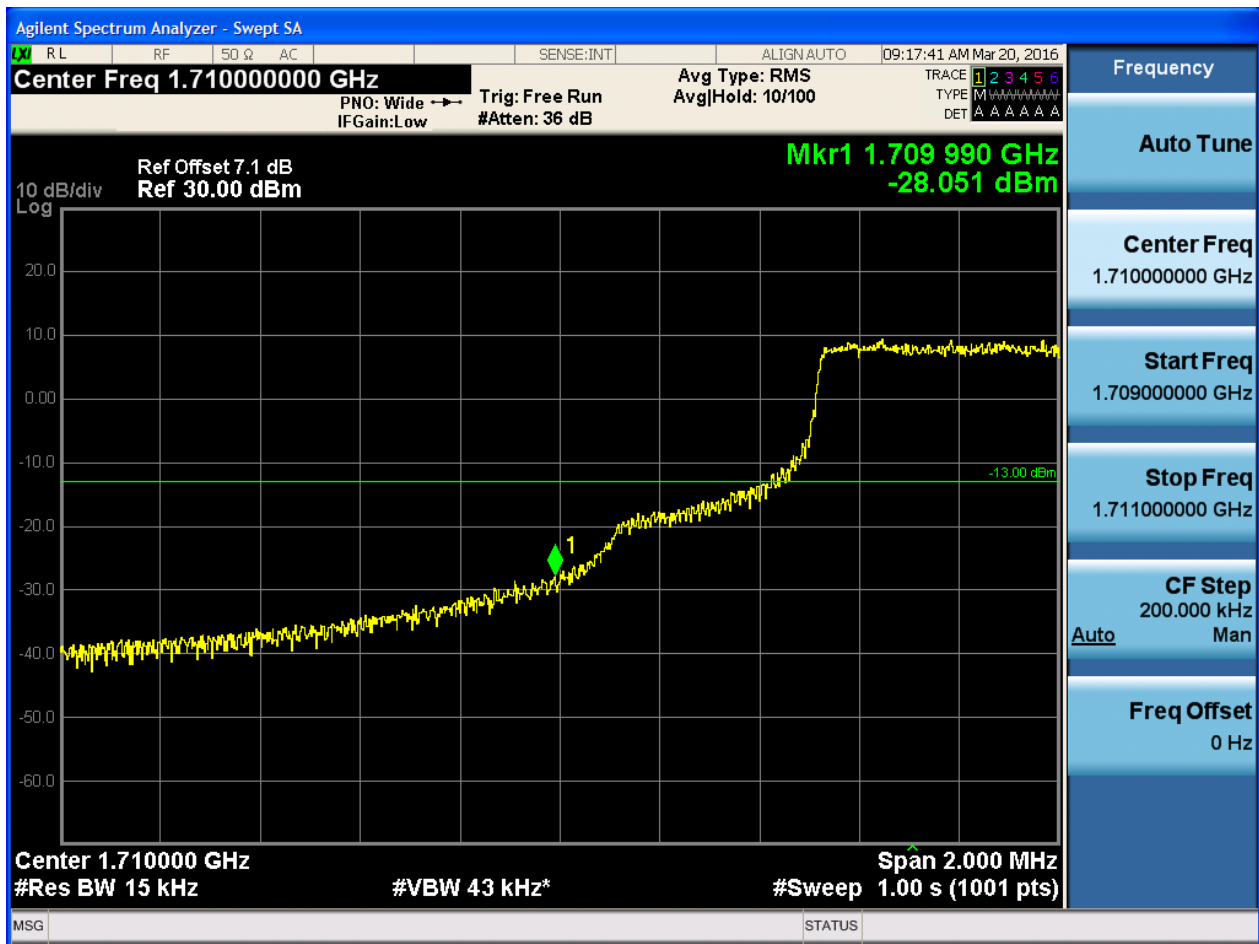


## 5.1.1.1.1.2 Test RB = RB1#5



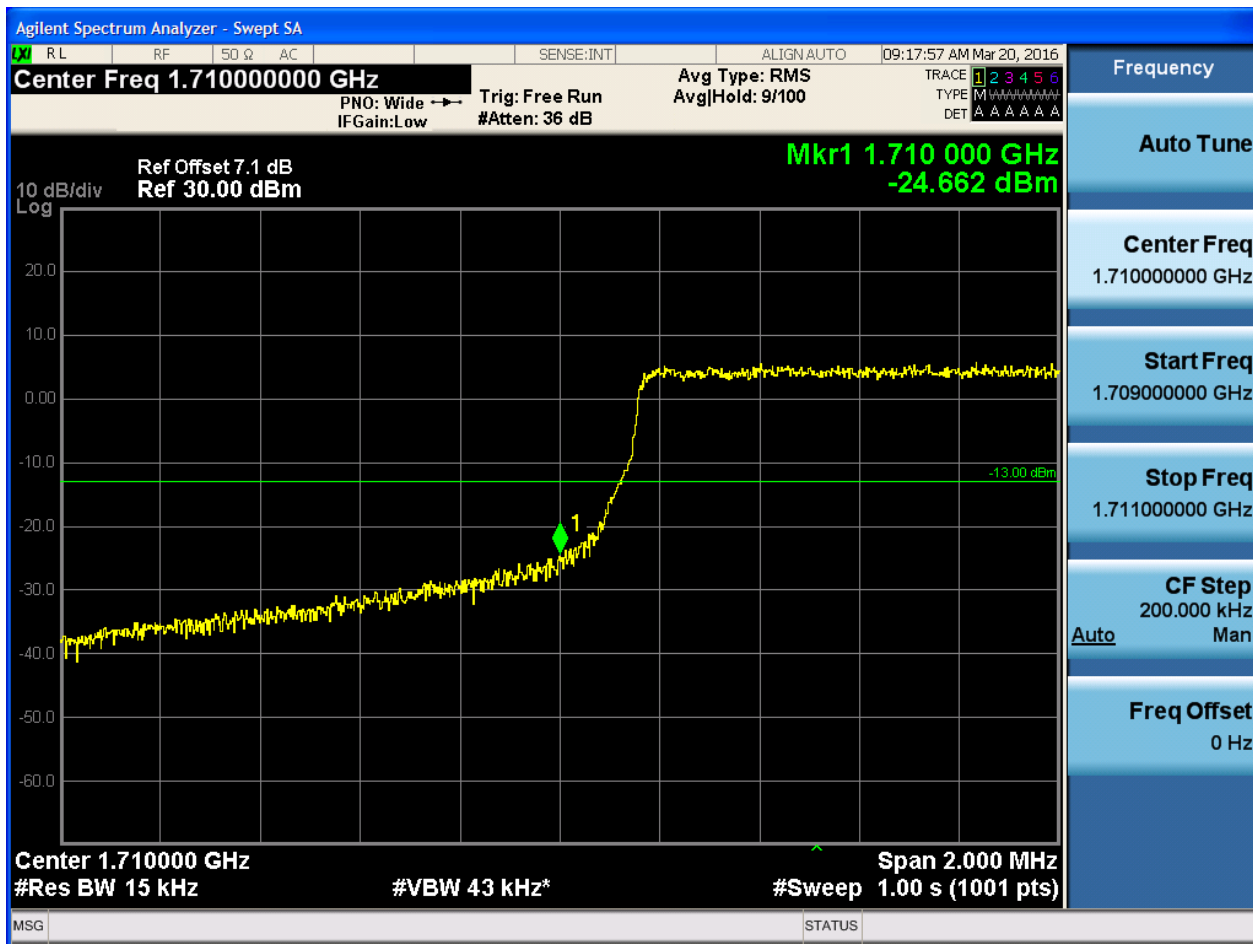


## 5.1.1.1.1.3 Test RB = RB3#2





## 5.1.1.1.1.4 Test RB = RB6#0





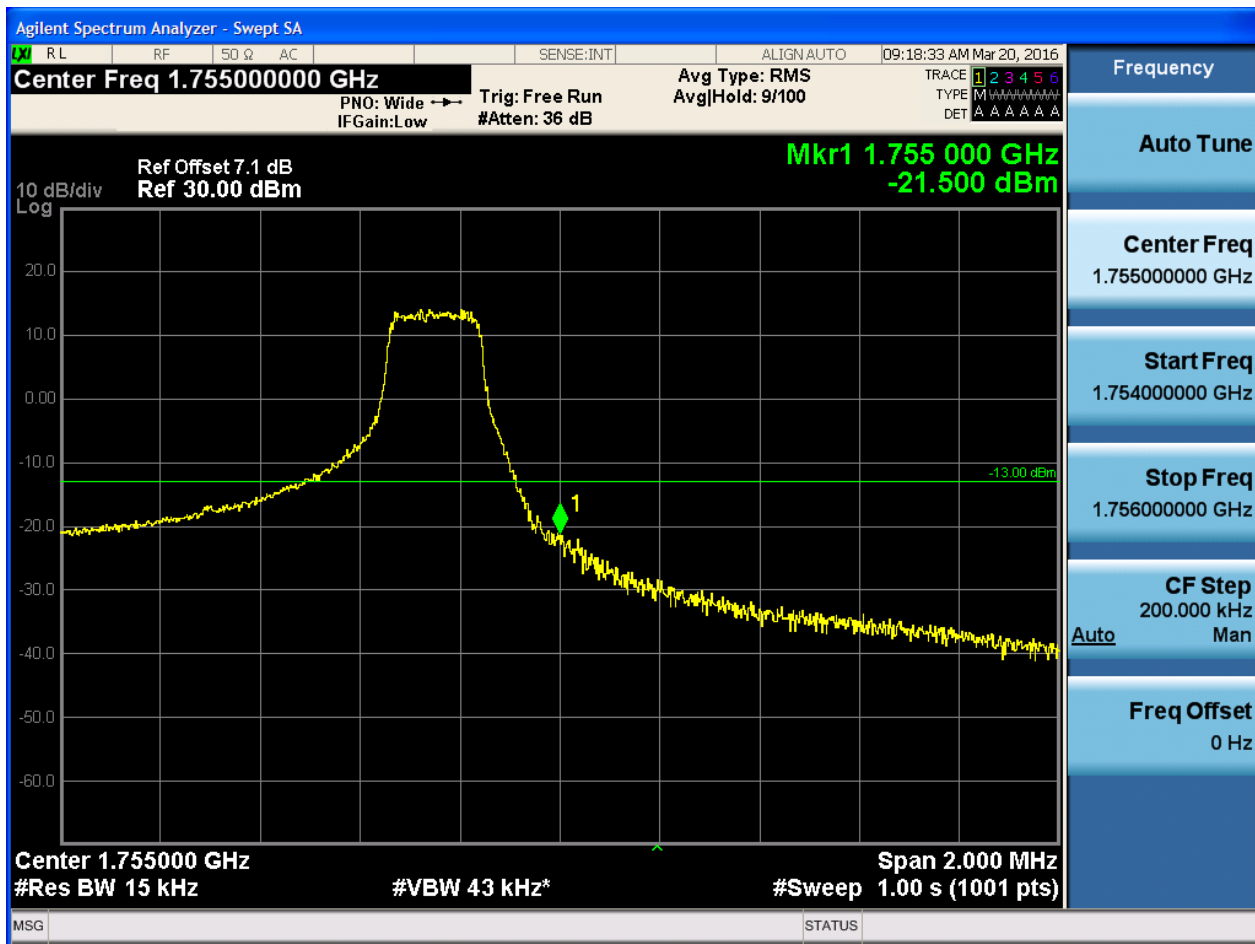
## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0





## 5.1.1.1.2.2 Test RB = RB1#5





## 5.1.1.1.2.3 Test RB = RB3#2





## 5.1.1.1.2.4 Test RB = RB6#0

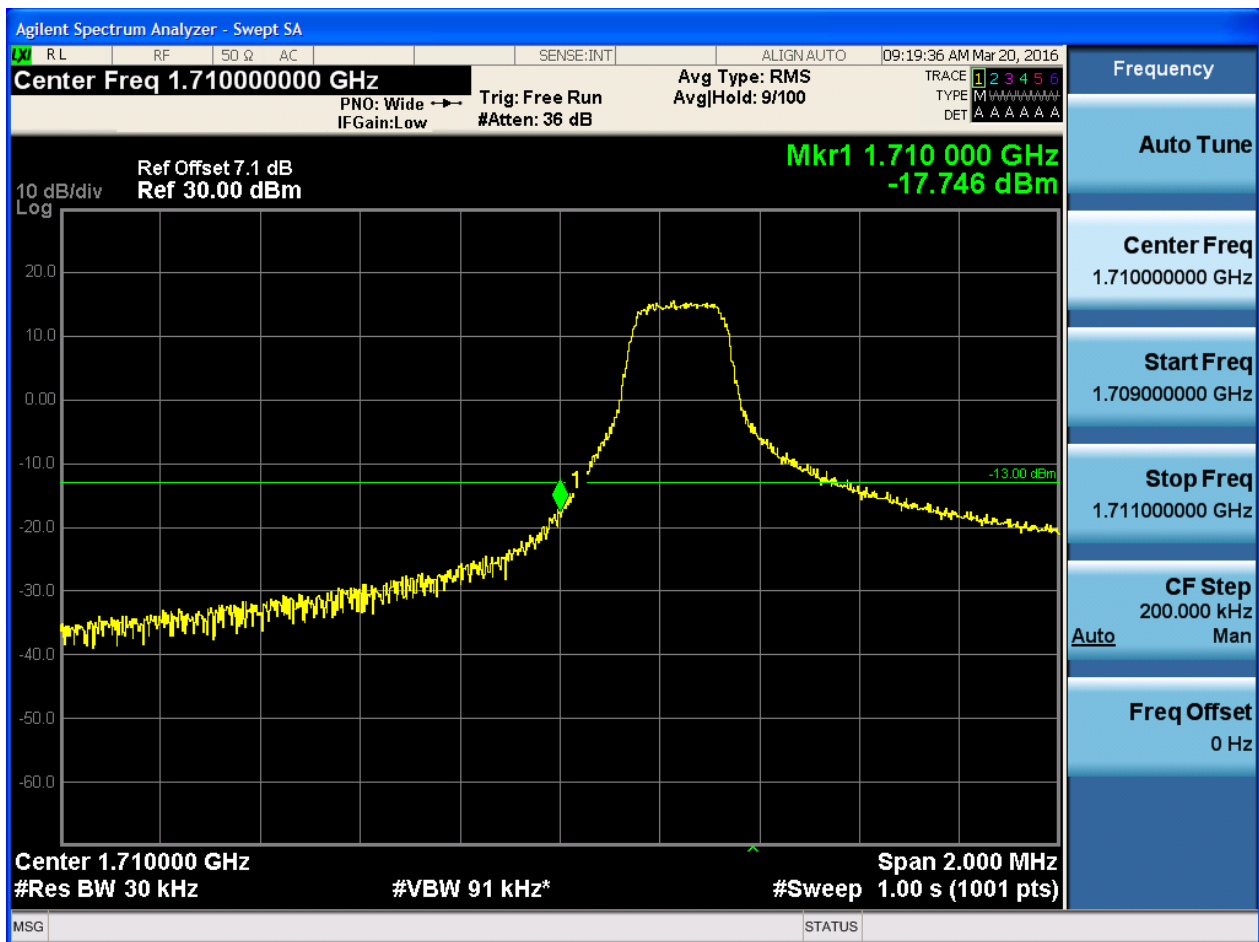




## 5.1.1.1.2 Test Bandwidth = 3

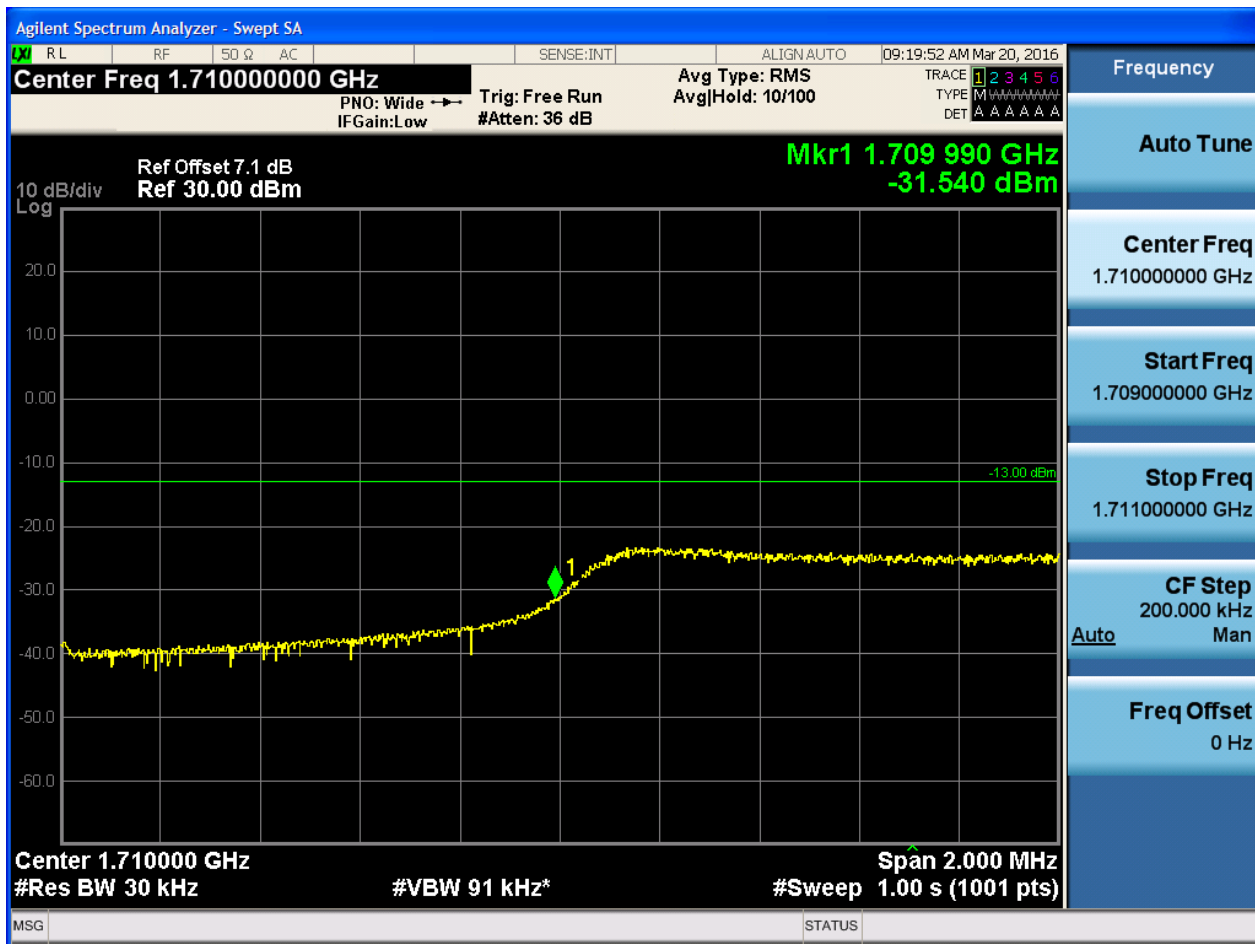
## 5.1.1.1.2.1 Test Channel = LCH

## 5.1.1.1.2.1.1 Test RB = RB1#0



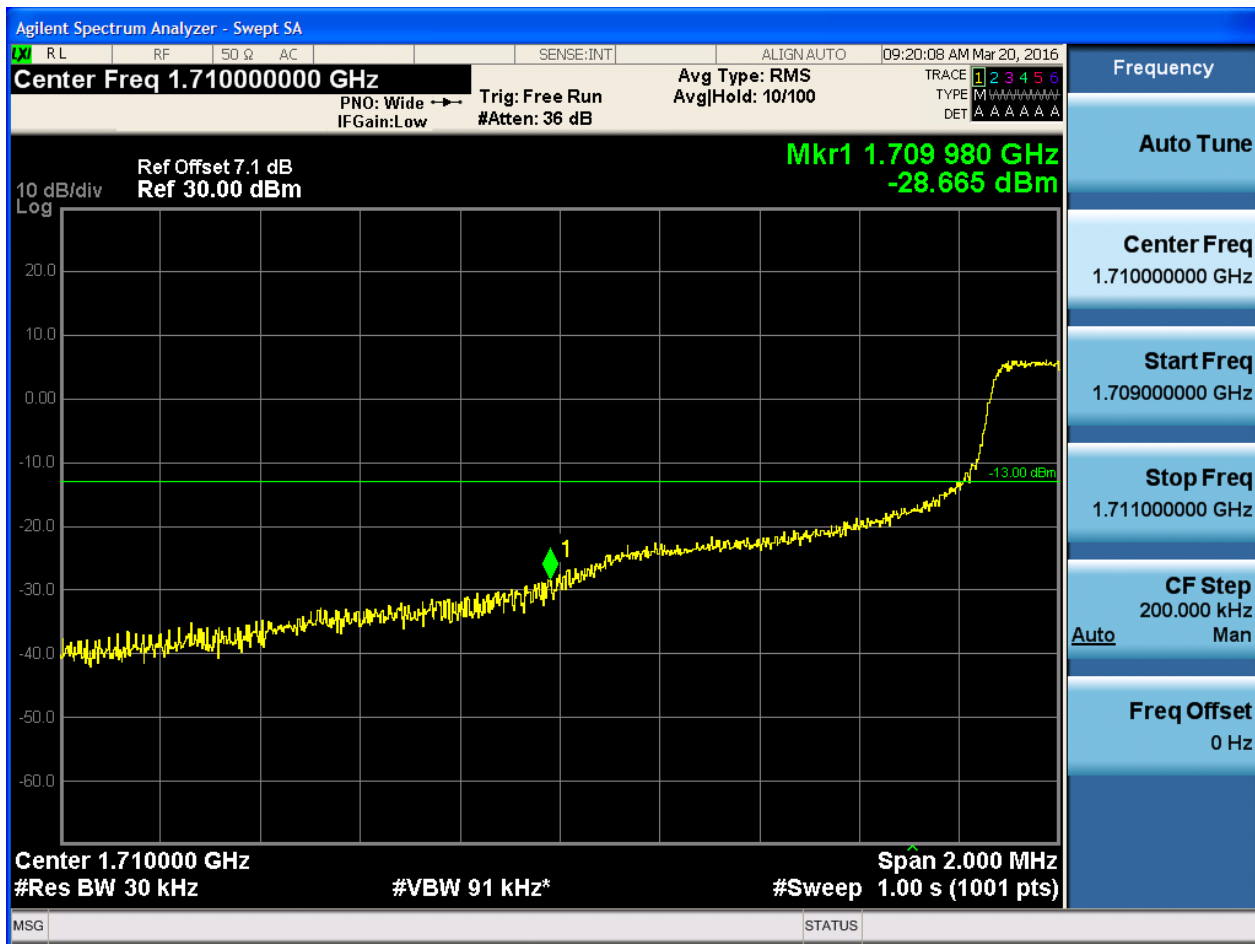


## 5.1.1.1.2.1.2 Test RB = RB1#14



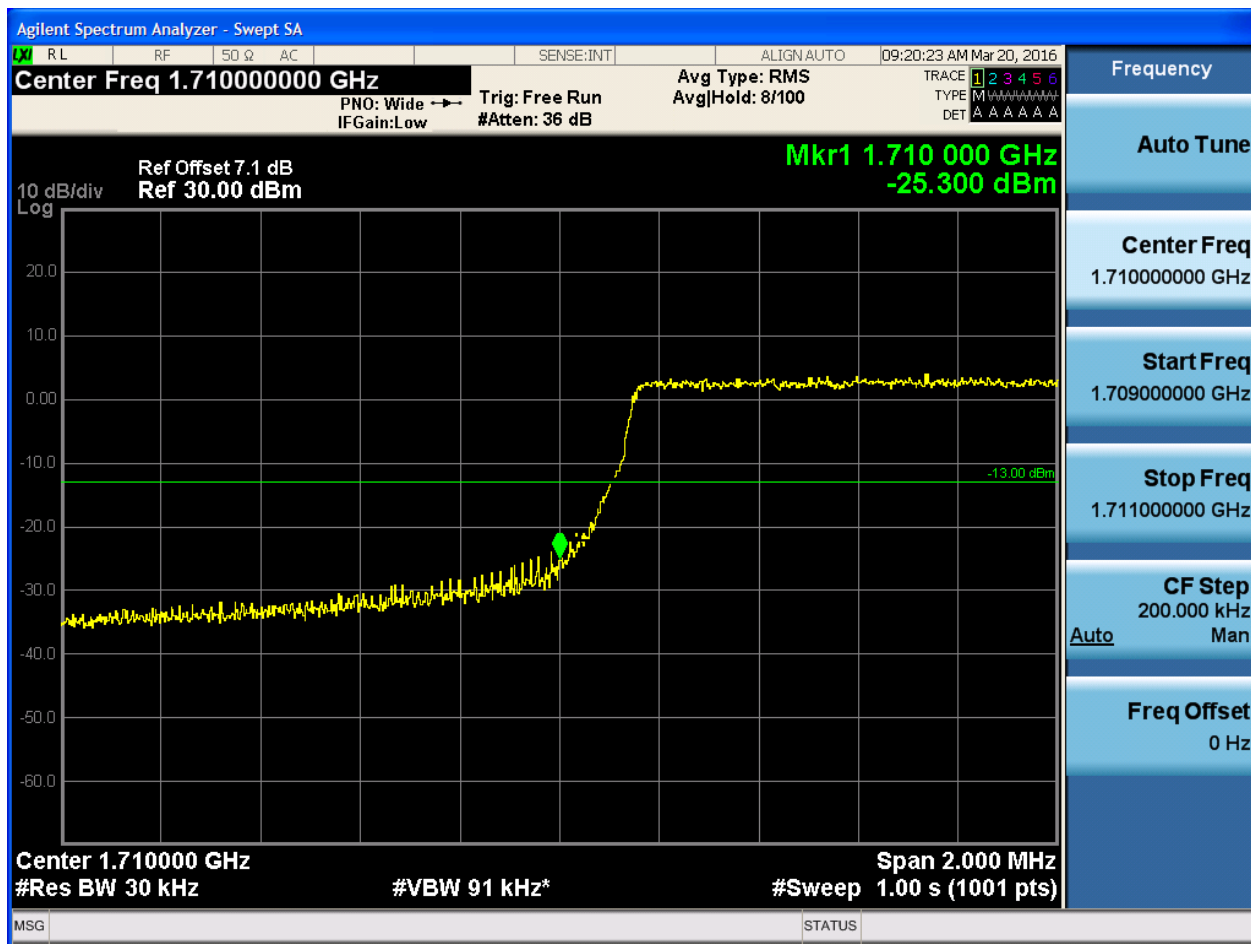


## 5.1.1.1.2.1.3 Test RB = RB8#4





## 5.1.1.1.2.1.4 Test RB = RB15#0





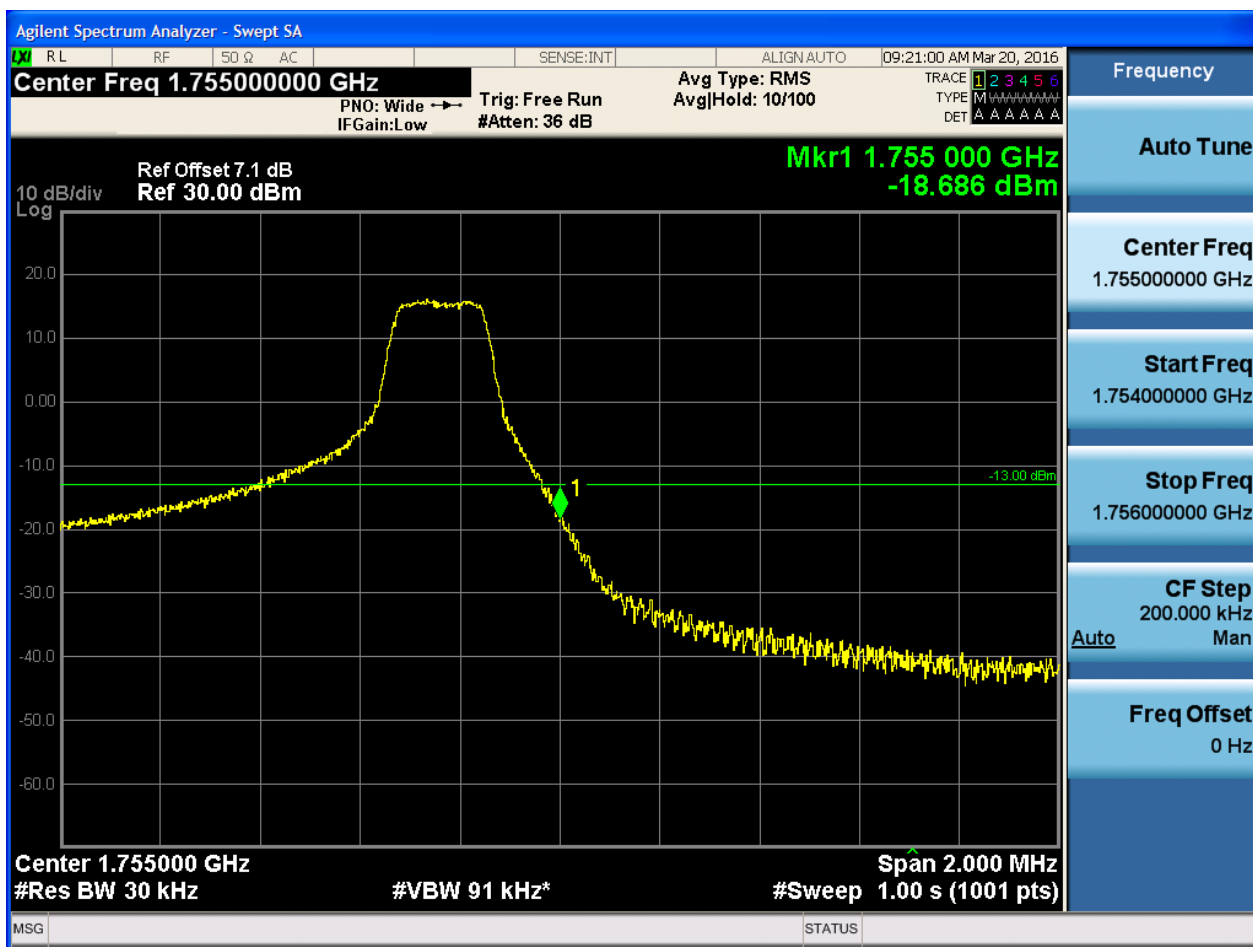
## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0





## 5.1.1.1.2.2.2 Test RB = RB1#14



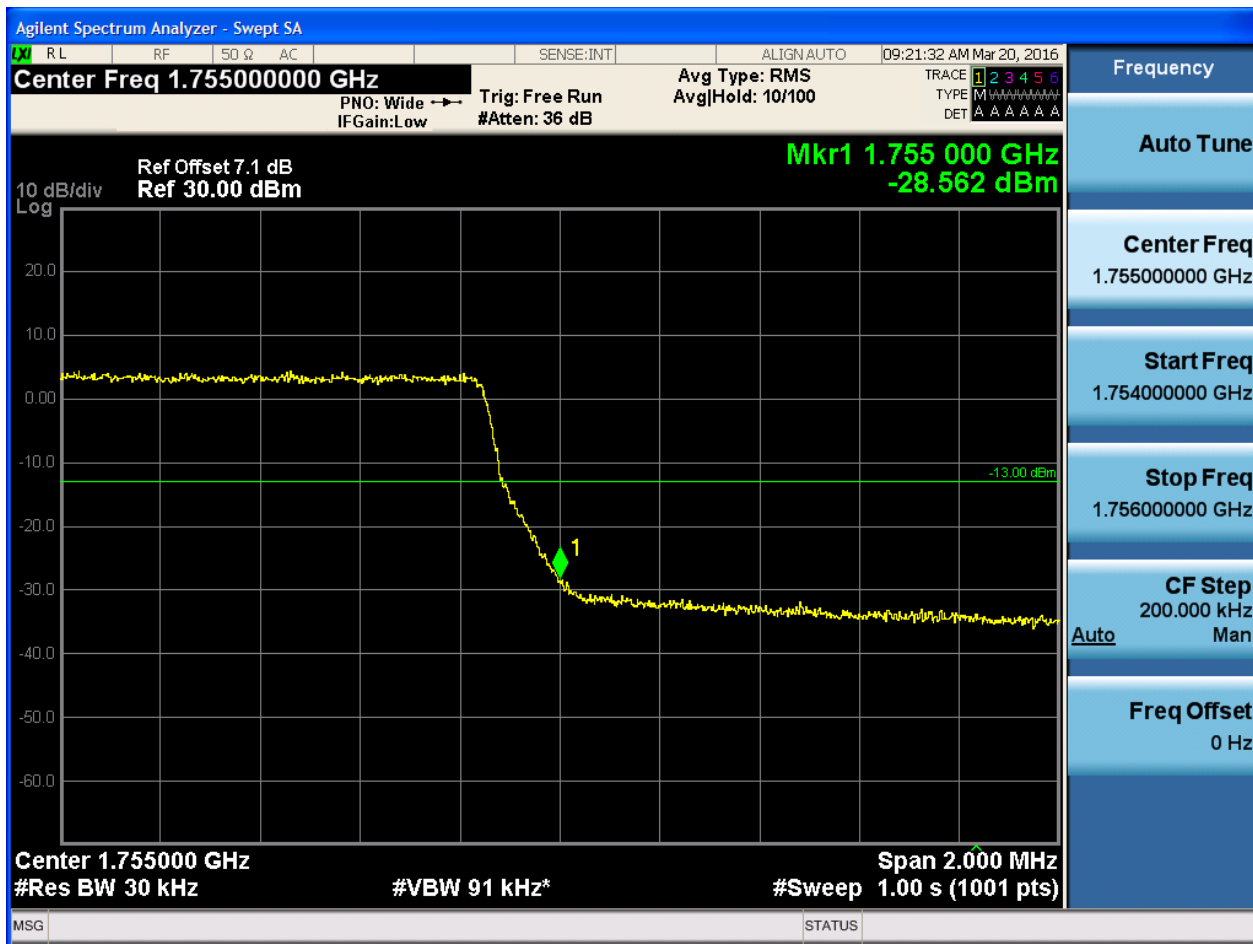


## 5.1.1.1.2.2.3 Test RB = RB8#4





## 5.1.1.1.2.2.4 Test RB = RB15#0

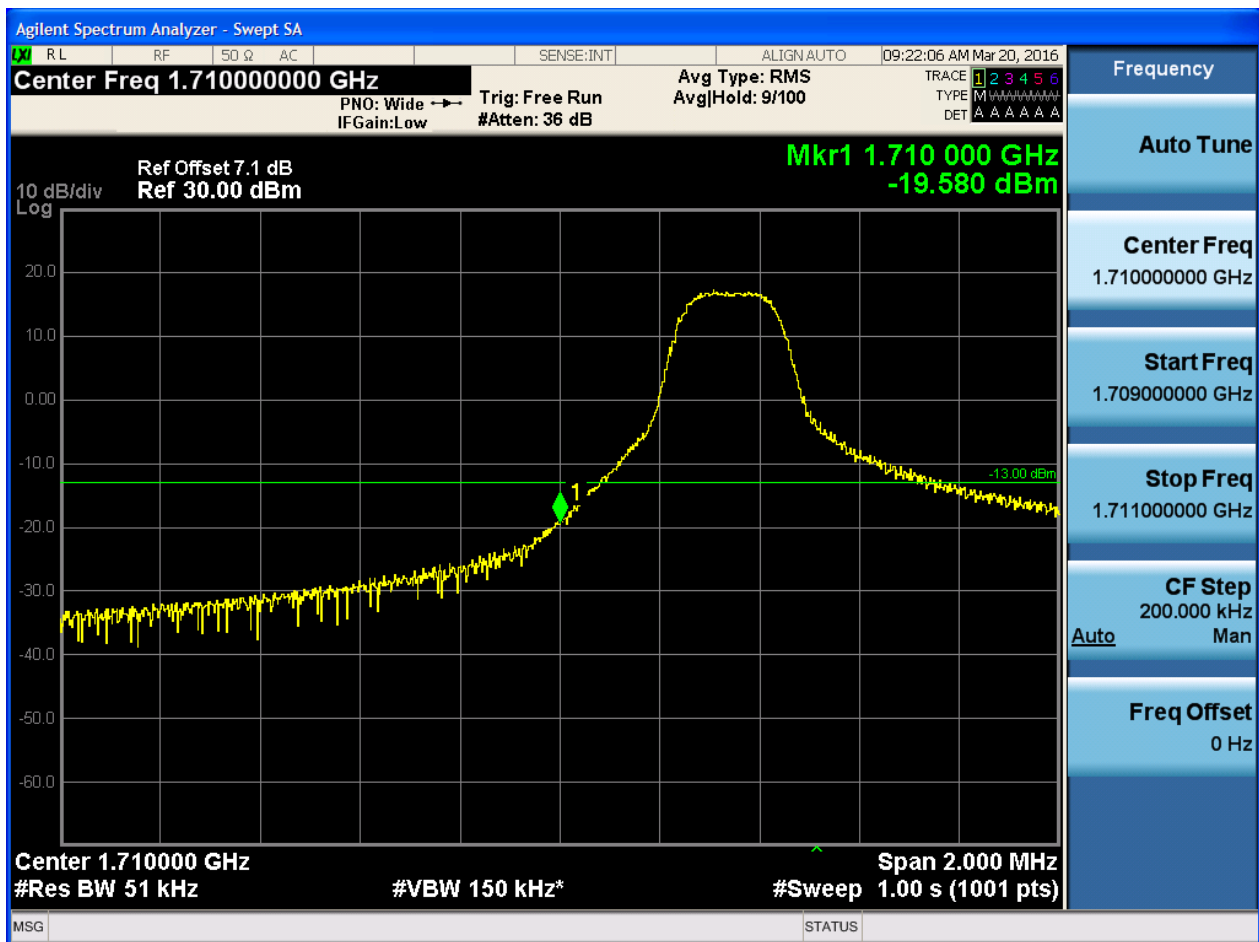




## 5.1.1.1.3 Test Bandwidth = 5

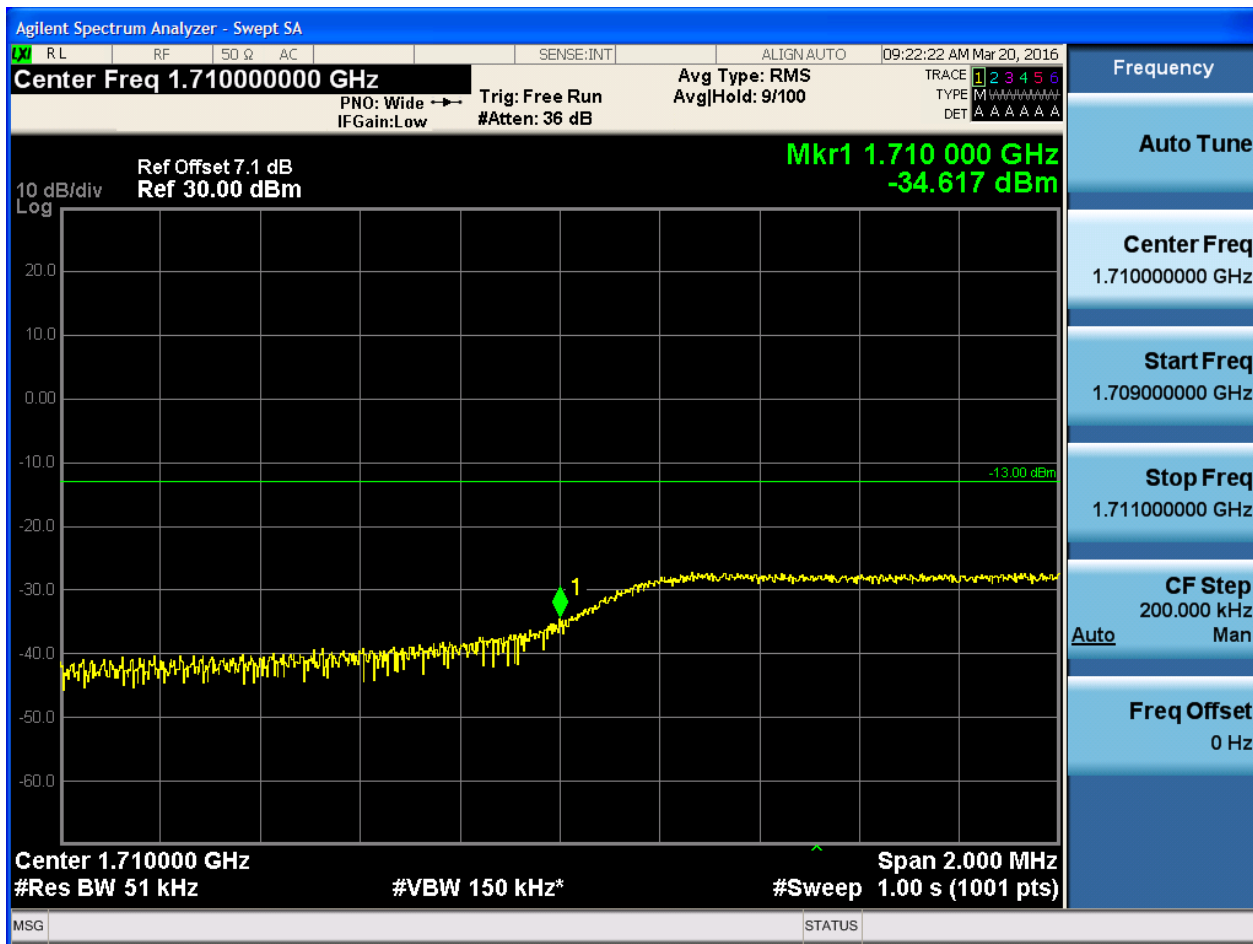
## 5.1.1.1.3.1 Test Channel = LCH

## 5.1.1.1.3.1.1 Test RB = RB1#0



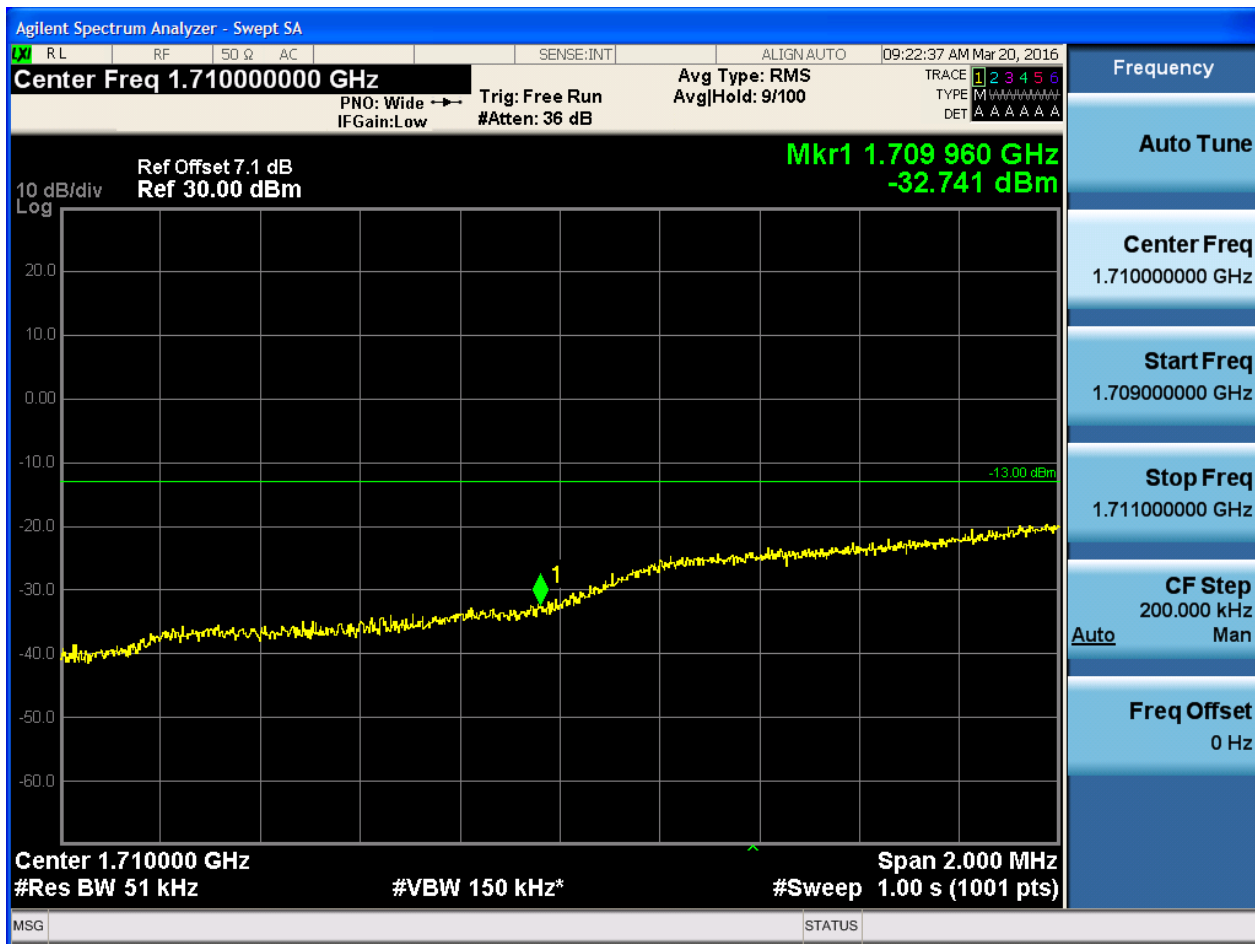


## 5.1.1.1.3.1.2 Test RB = RB1#24



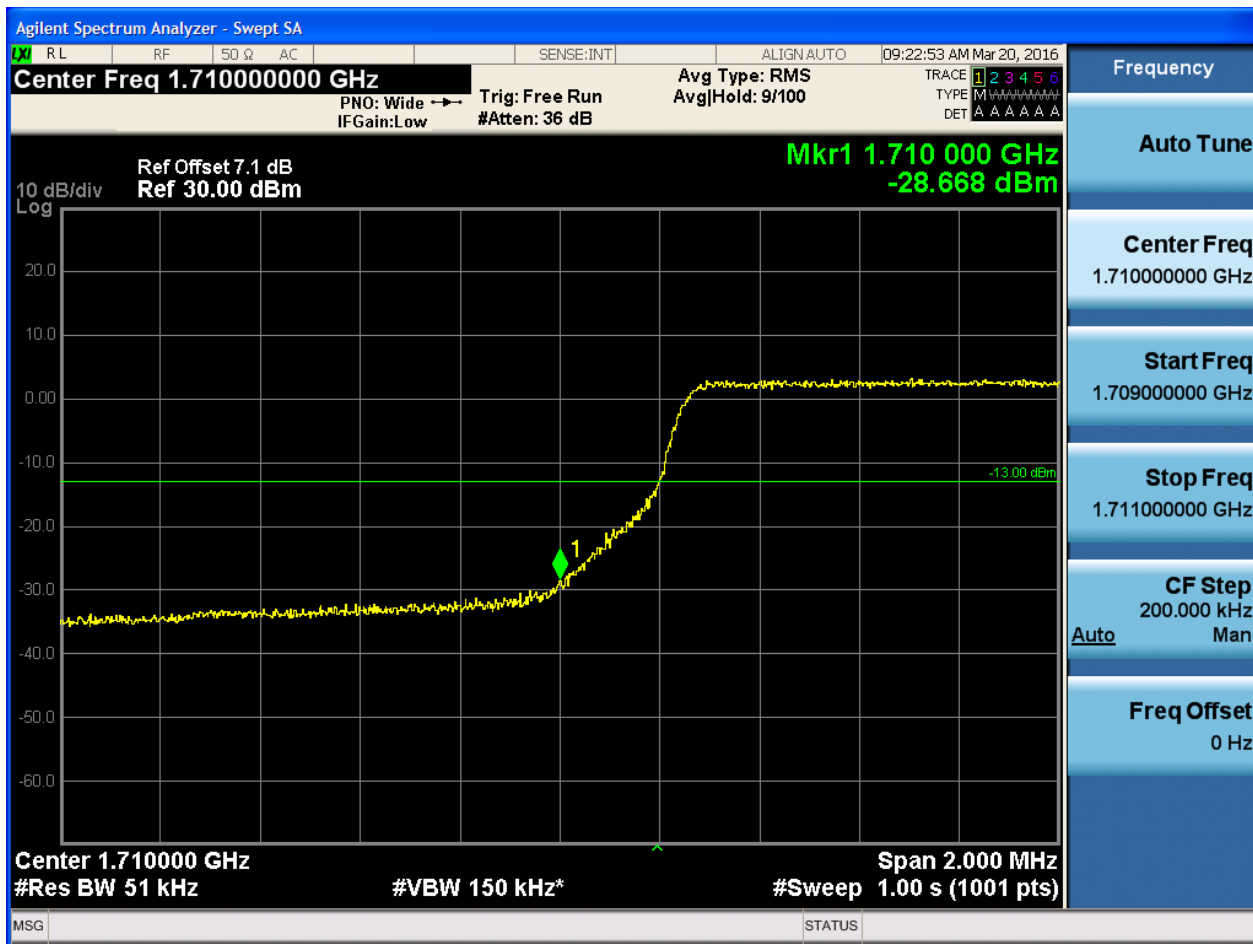


## 5.1.1.1.3.1.3 Test RB = RB12#6





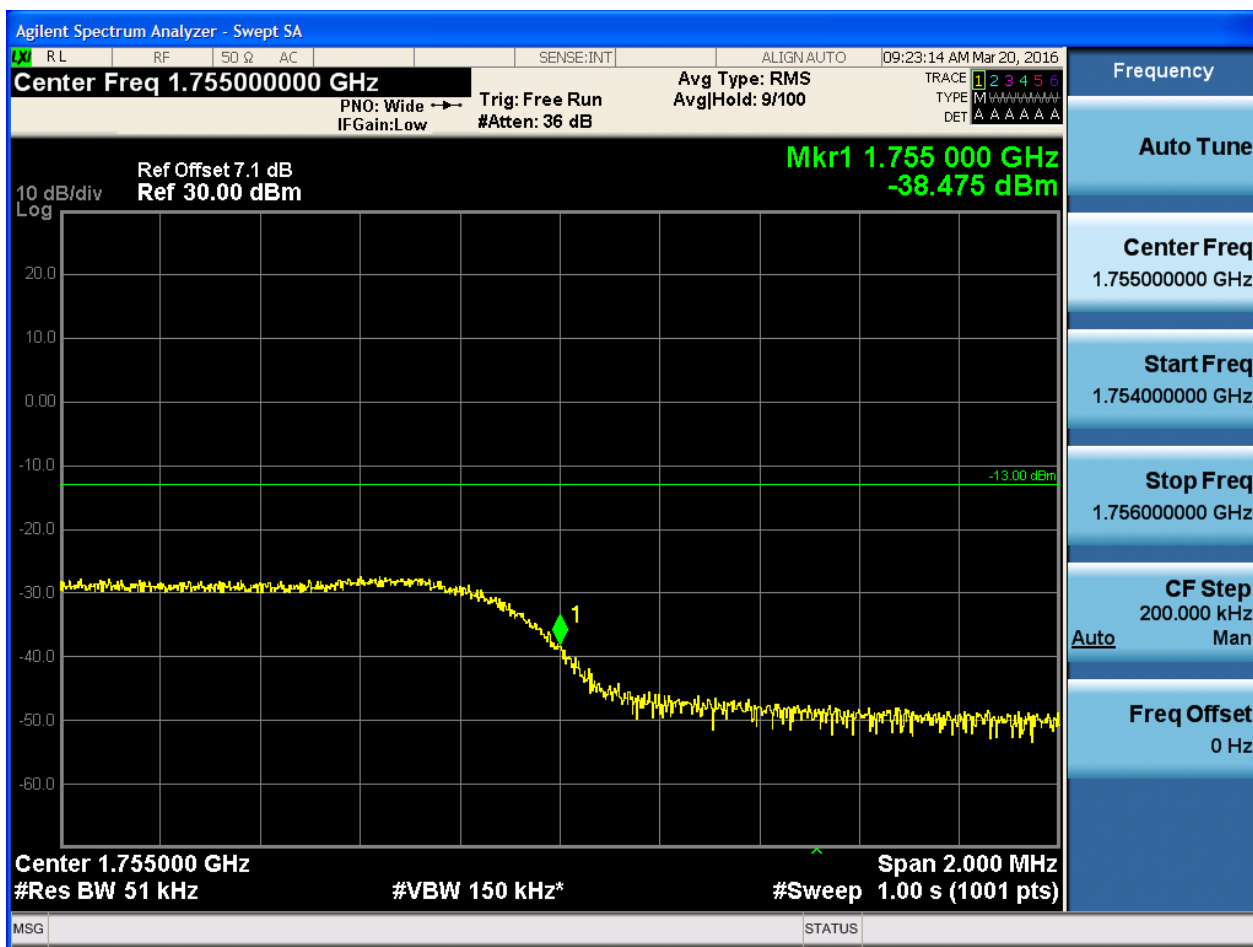
## 5.1.1.1.3.1.4 Test RB = RB25#0





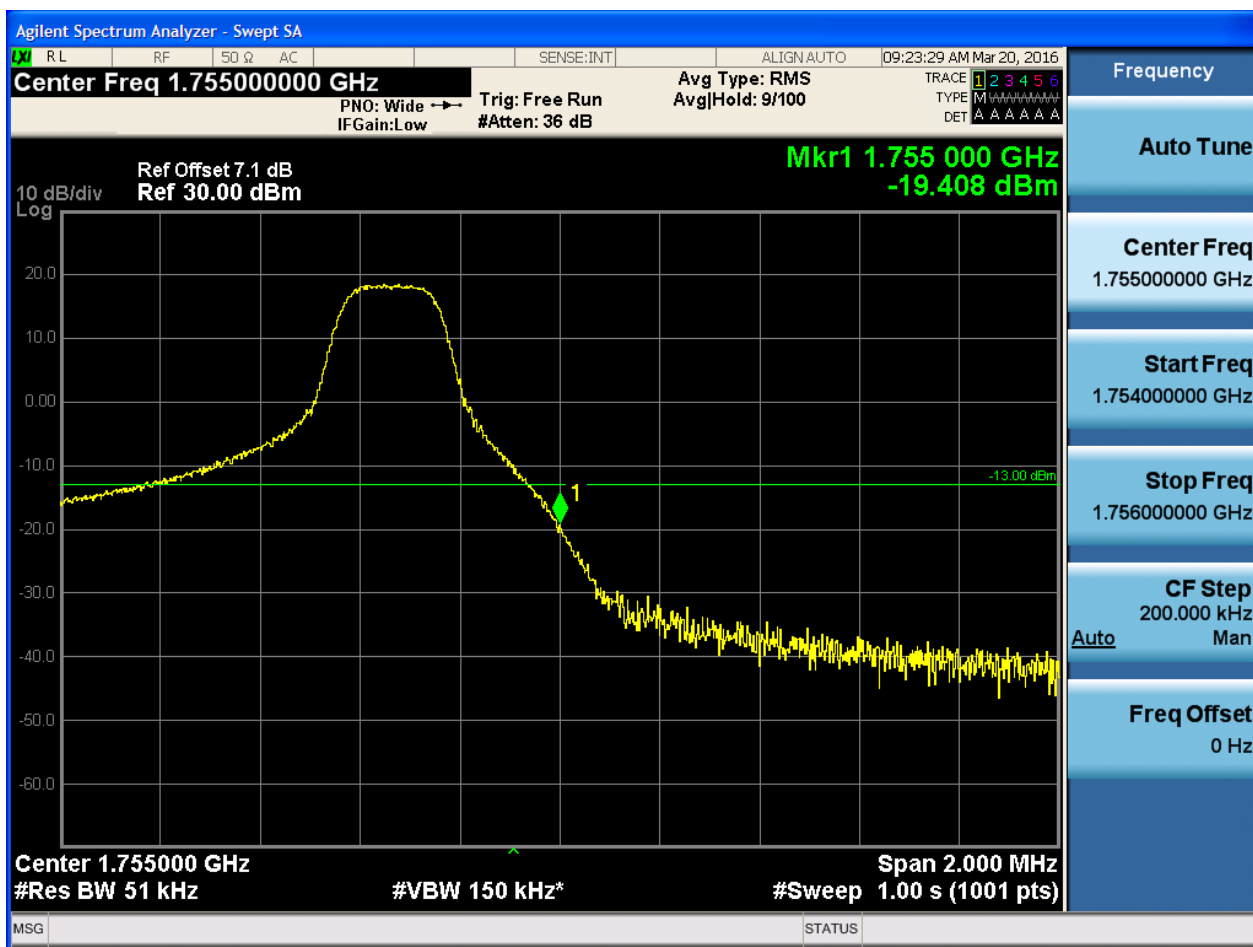
## 5.1.1.1.3.2 Test Channel = HCH

## 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

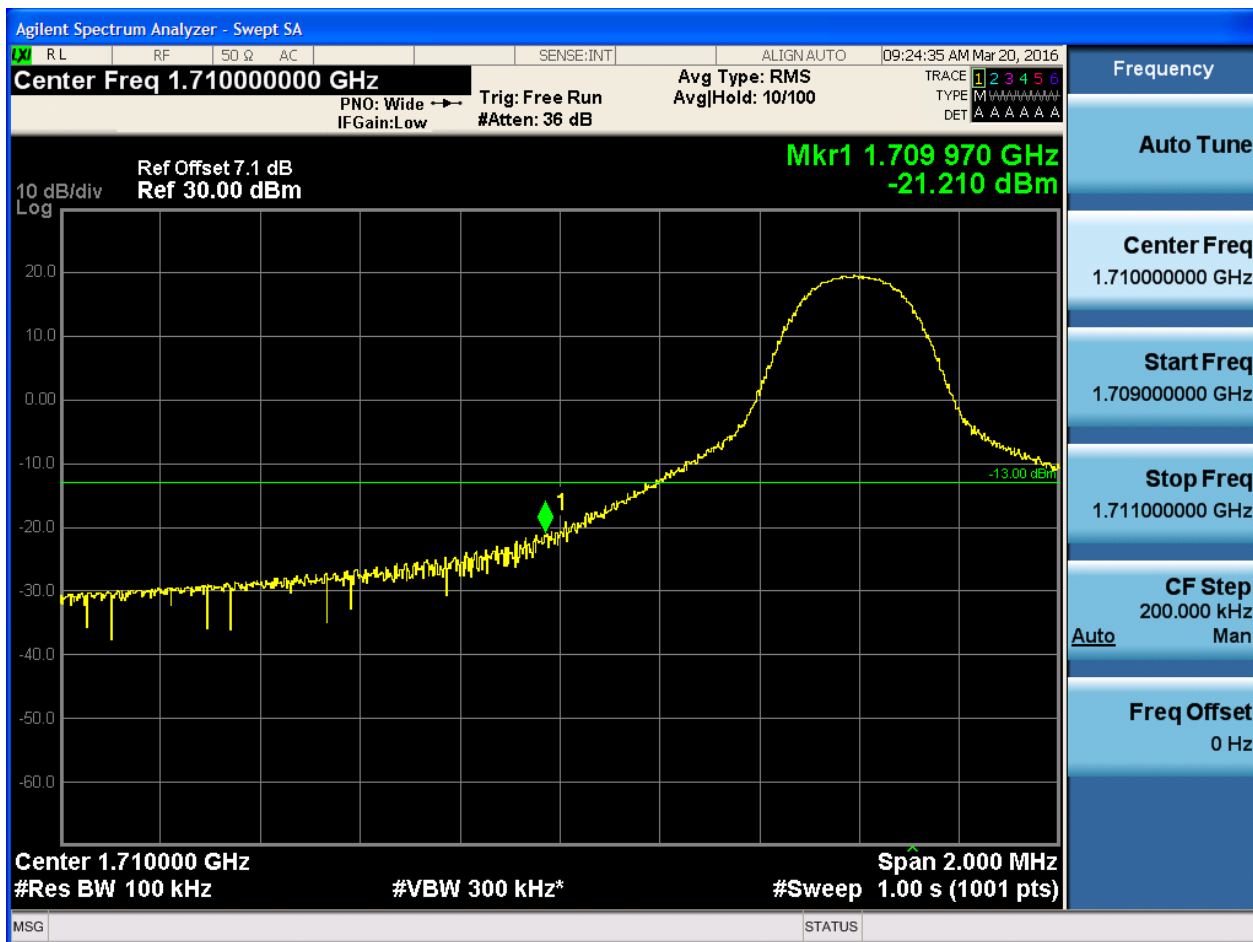




## 5.1.1.1.4 Test Bandwidth = 10

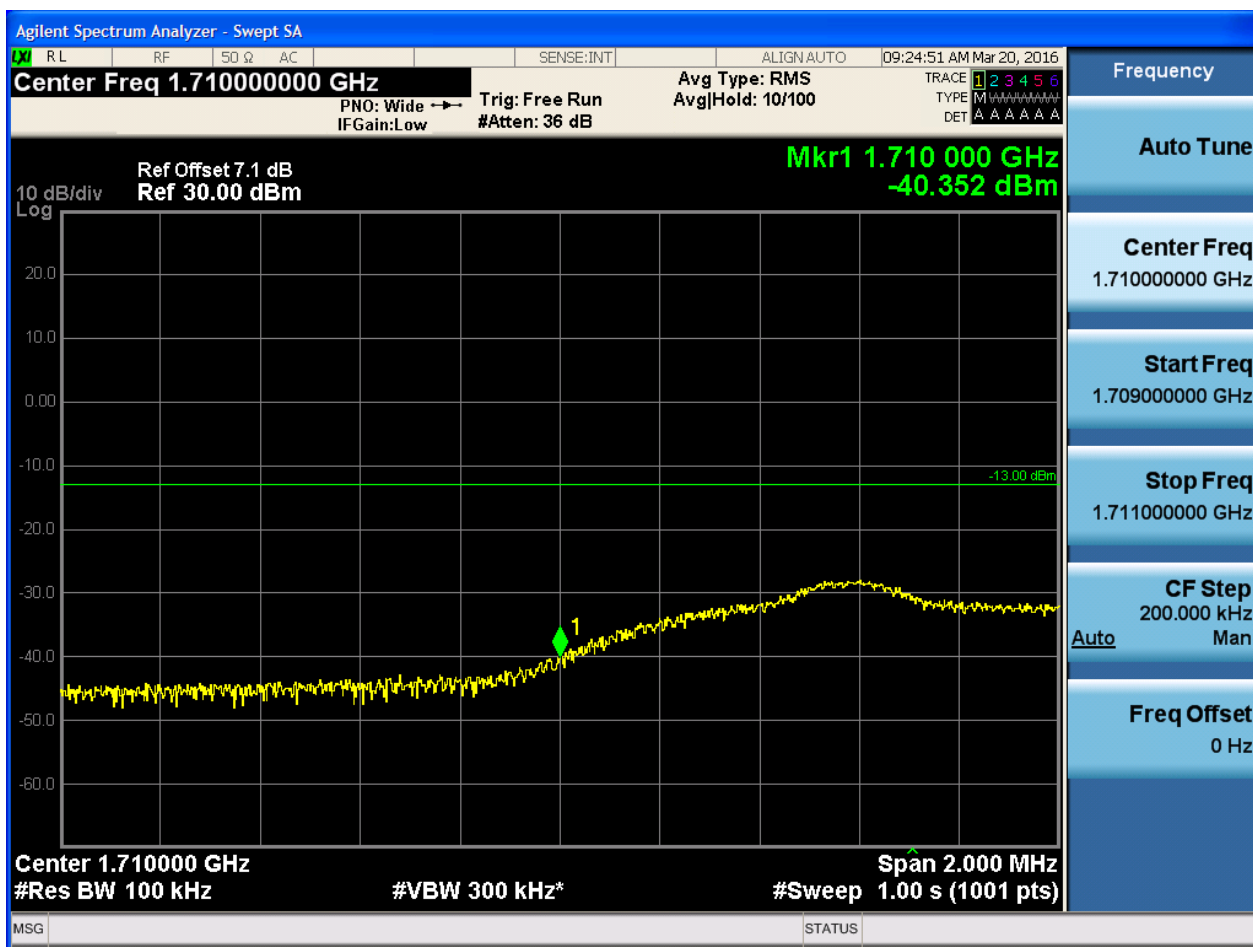
## 5.1.1.1.4.1 Test Channel = LCH

## 5.1.1.1.4.1.1 Test RB = RB1#0



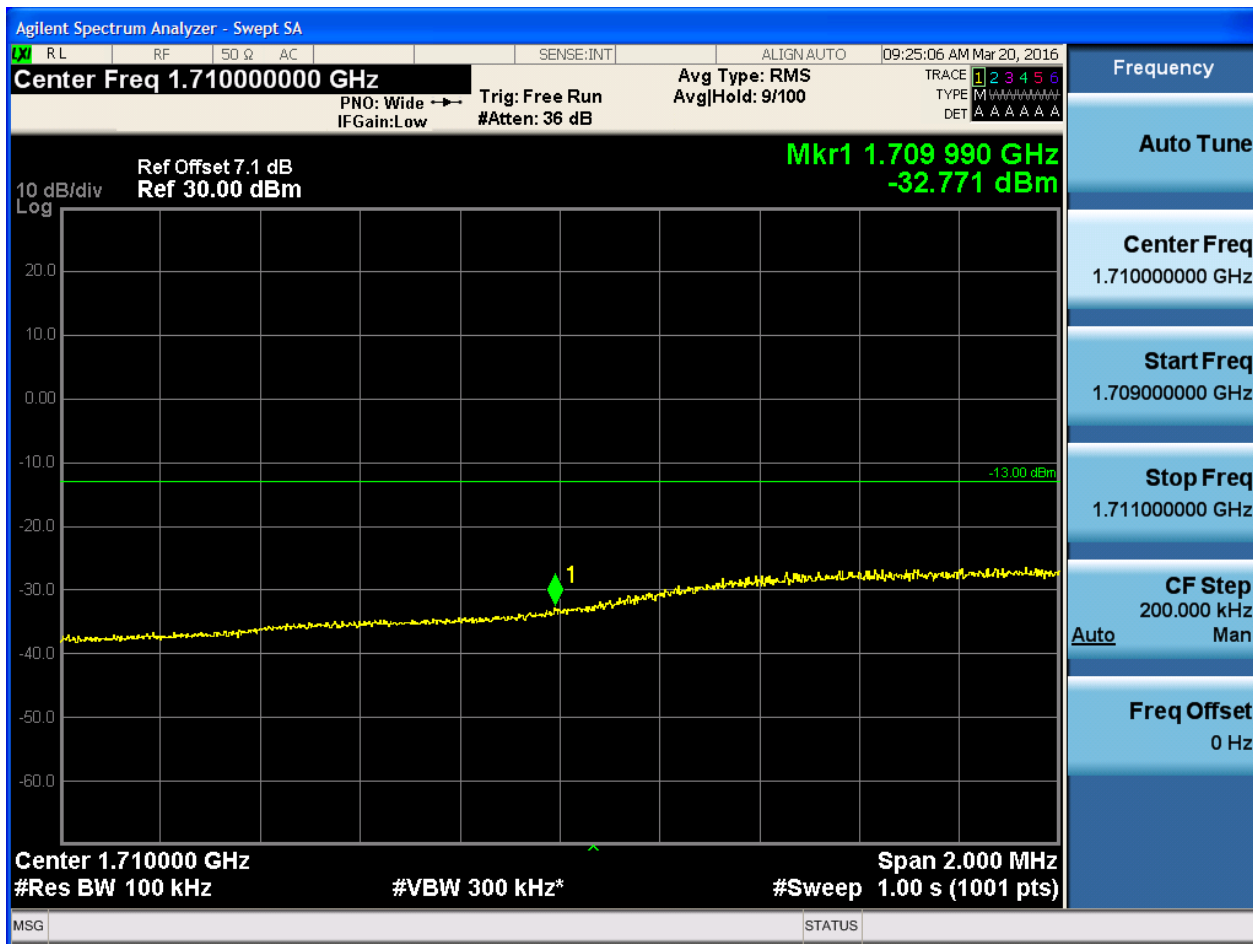


## 5.1.1.1.4.1.2 Test RB = RB1#49



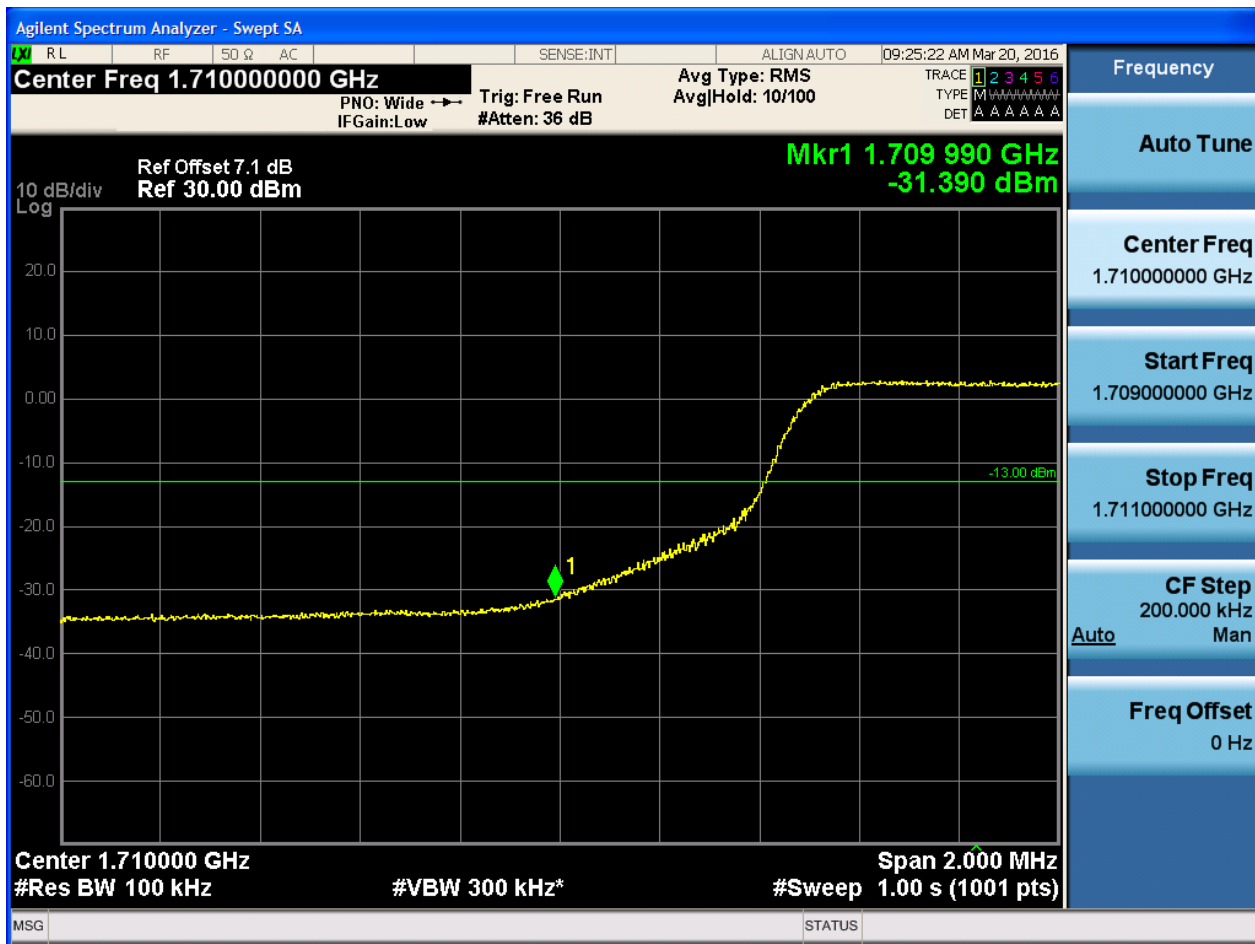


## 5.1.1.1.4.1.3 Test RB = RB25#13





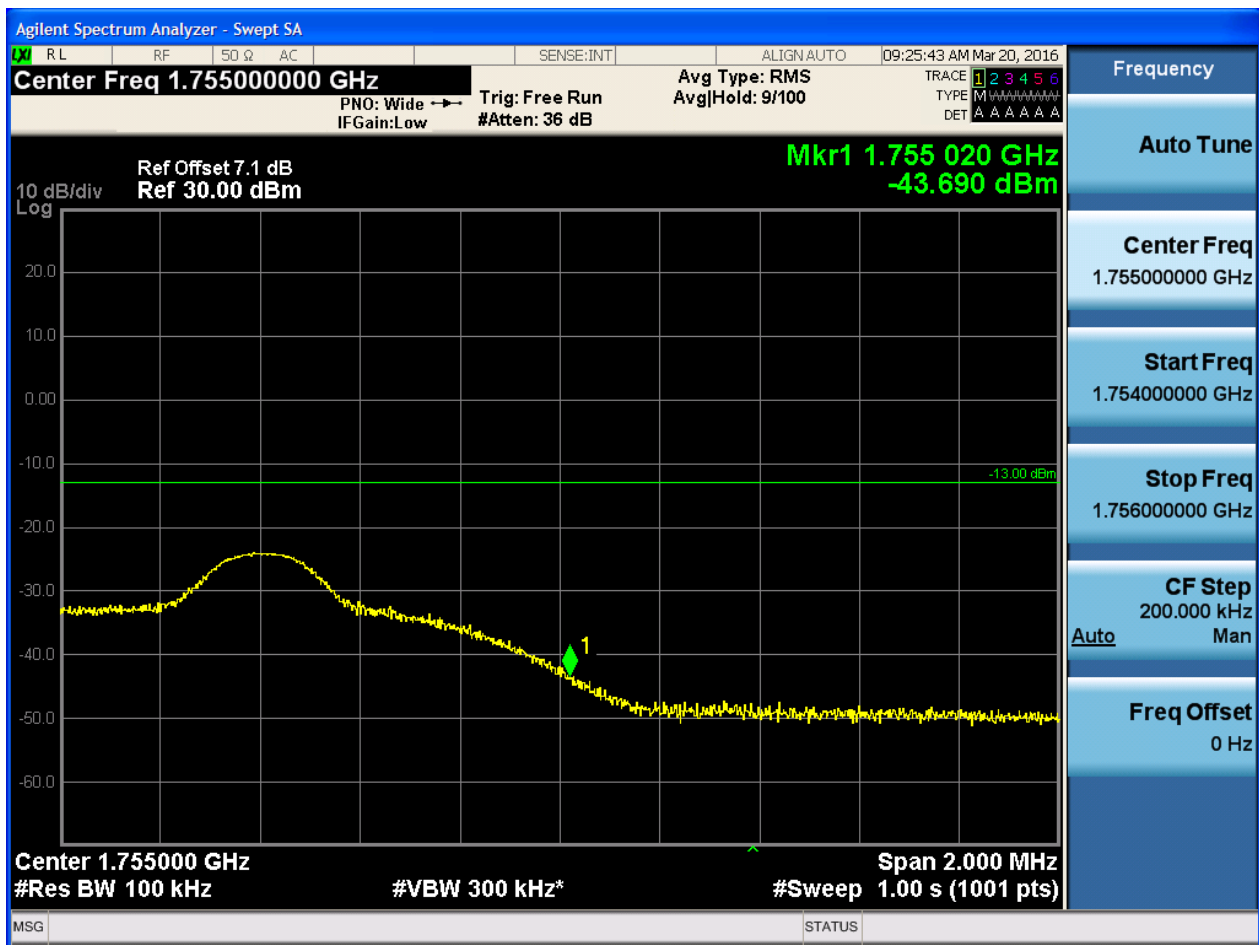
## 5.1.1.1.4.1.4 Test RB = RB50#0



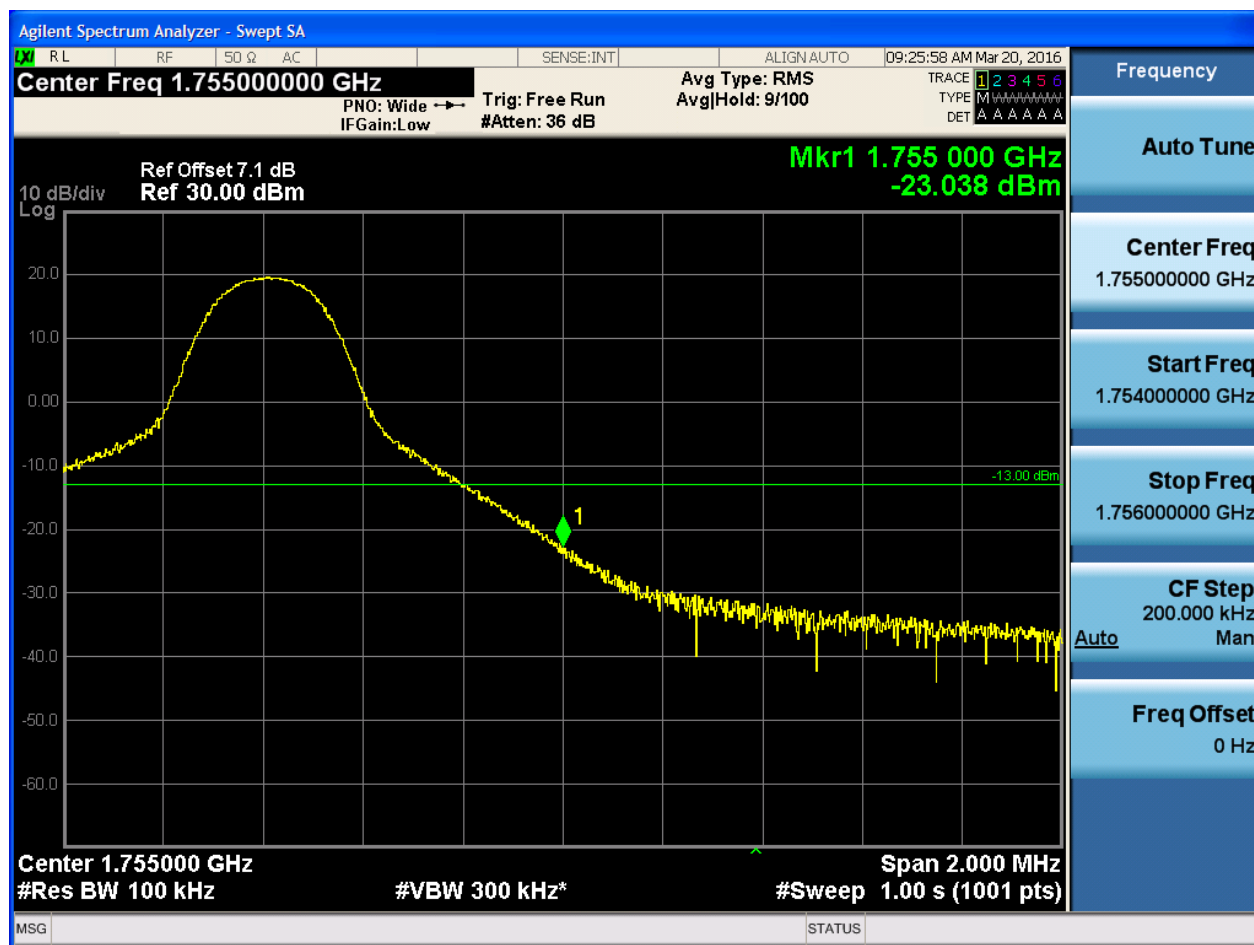


## 5.1.1.1.4.2 Test Channel = HCH

## 5.1.1.1.4.2.1 Test RB = RB1#0



#### 5.1.1.1.4.2.2 Test RB = RB1#49





## 5.1.1.1.4.2.3 Test RB = RB25#13





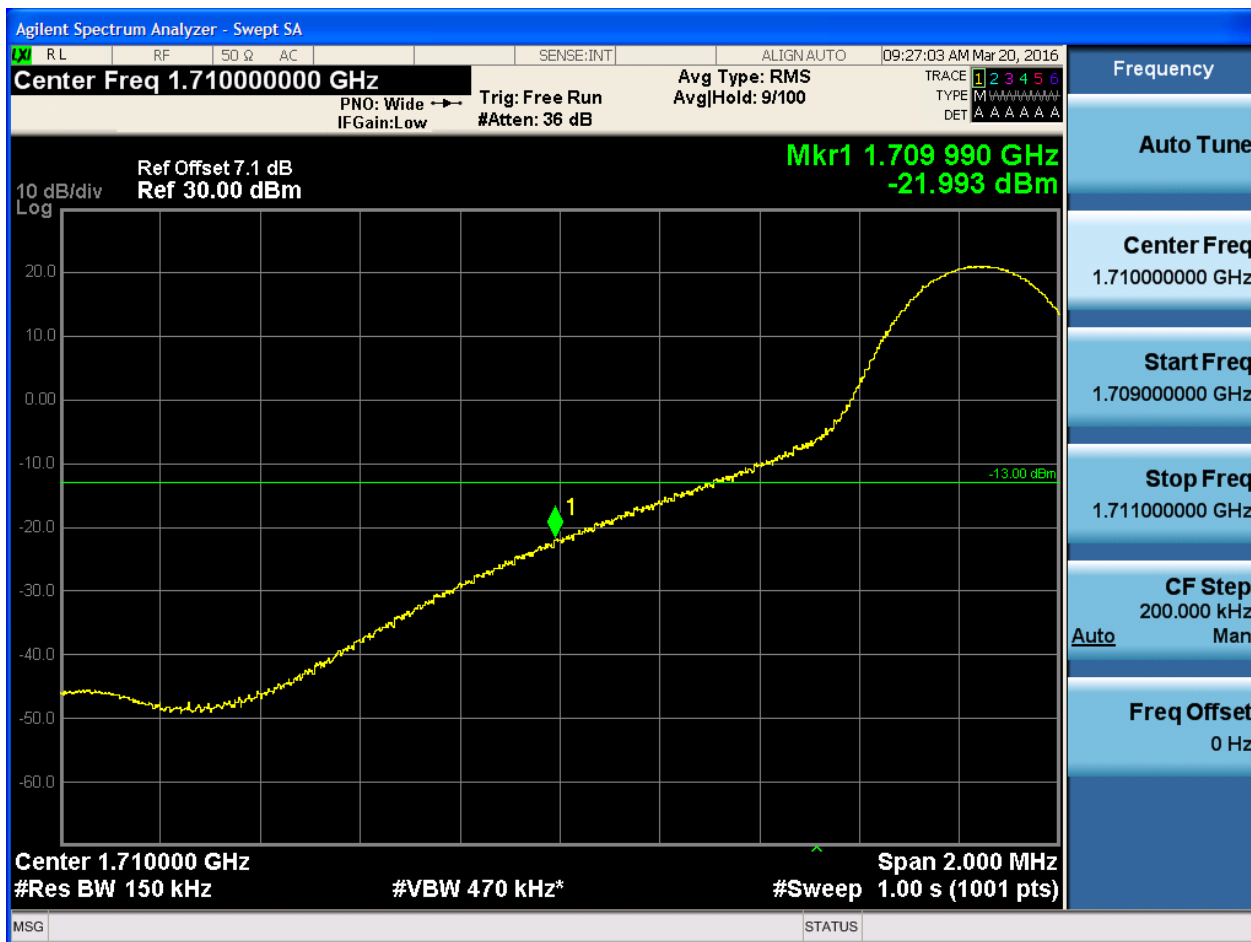
## 5.1.1.1.4.2.4 Test RB = RB50#0



#### 5.1.1.1.5 Test Bandwidth = 15

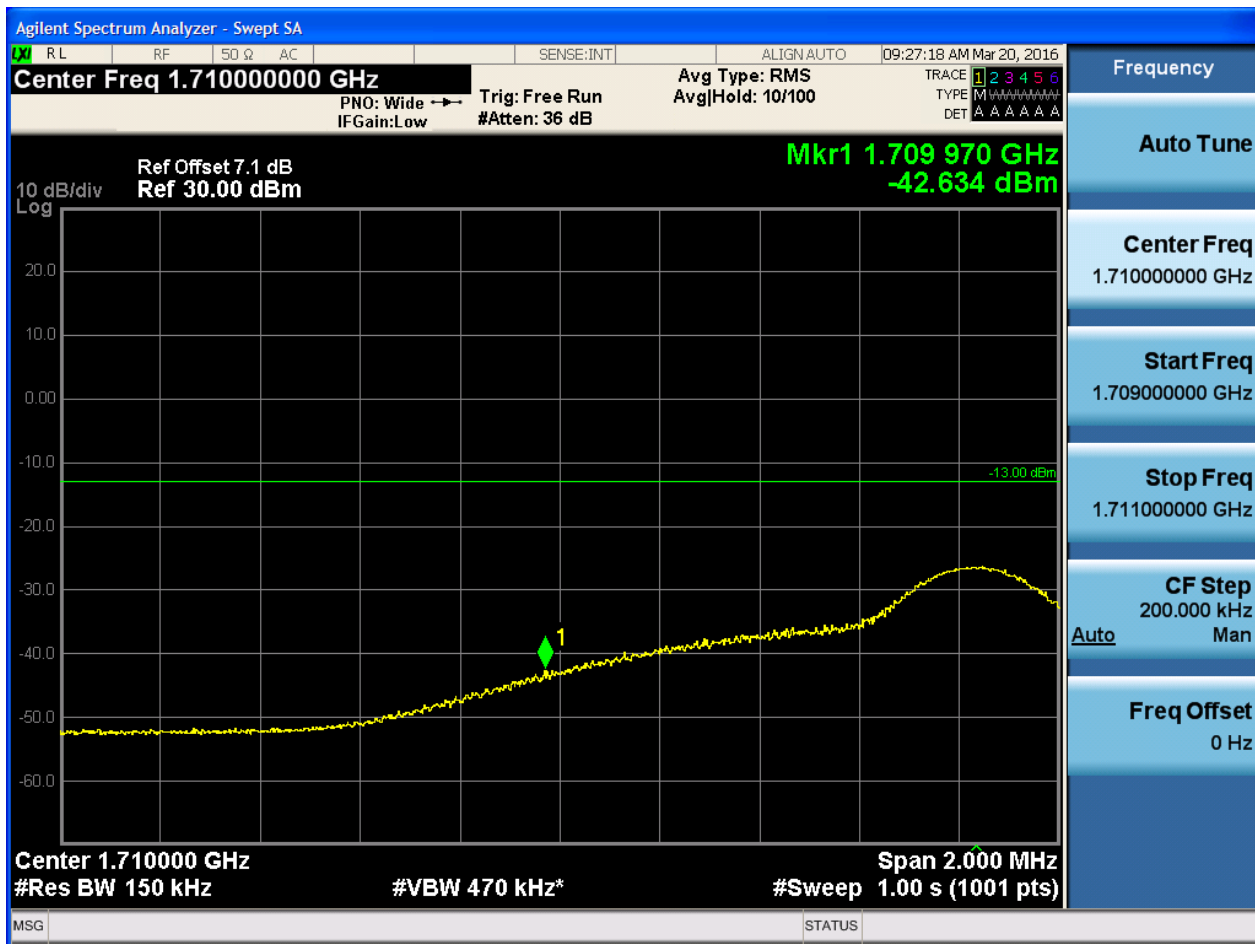
#### 5.1.1.1.5.1 Test Channel = LCH

#### 5.1.1.1.5.1.1 Test RB = RB1#0



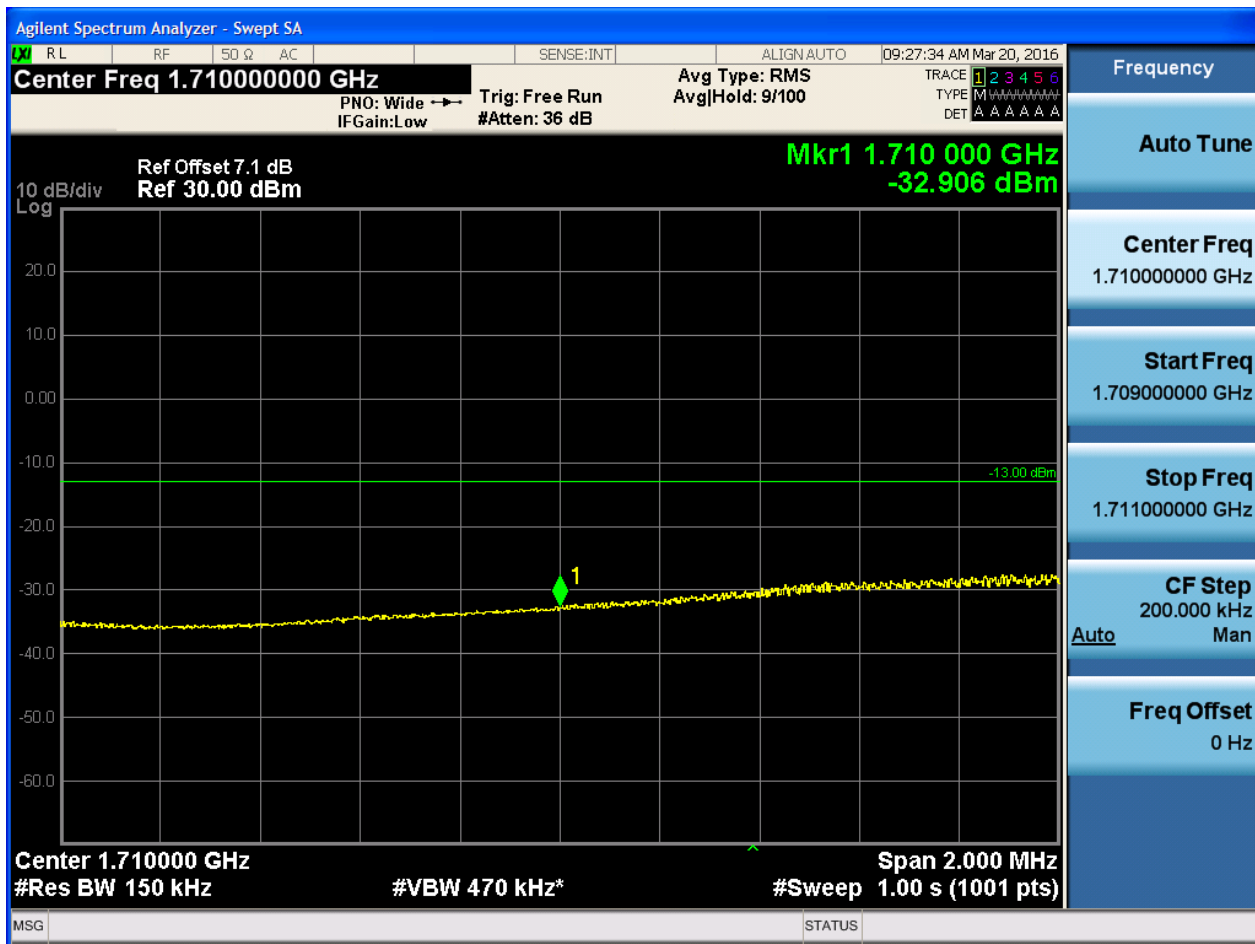


## 5.1.1.1.5.1.2 Test RB = RB1#74



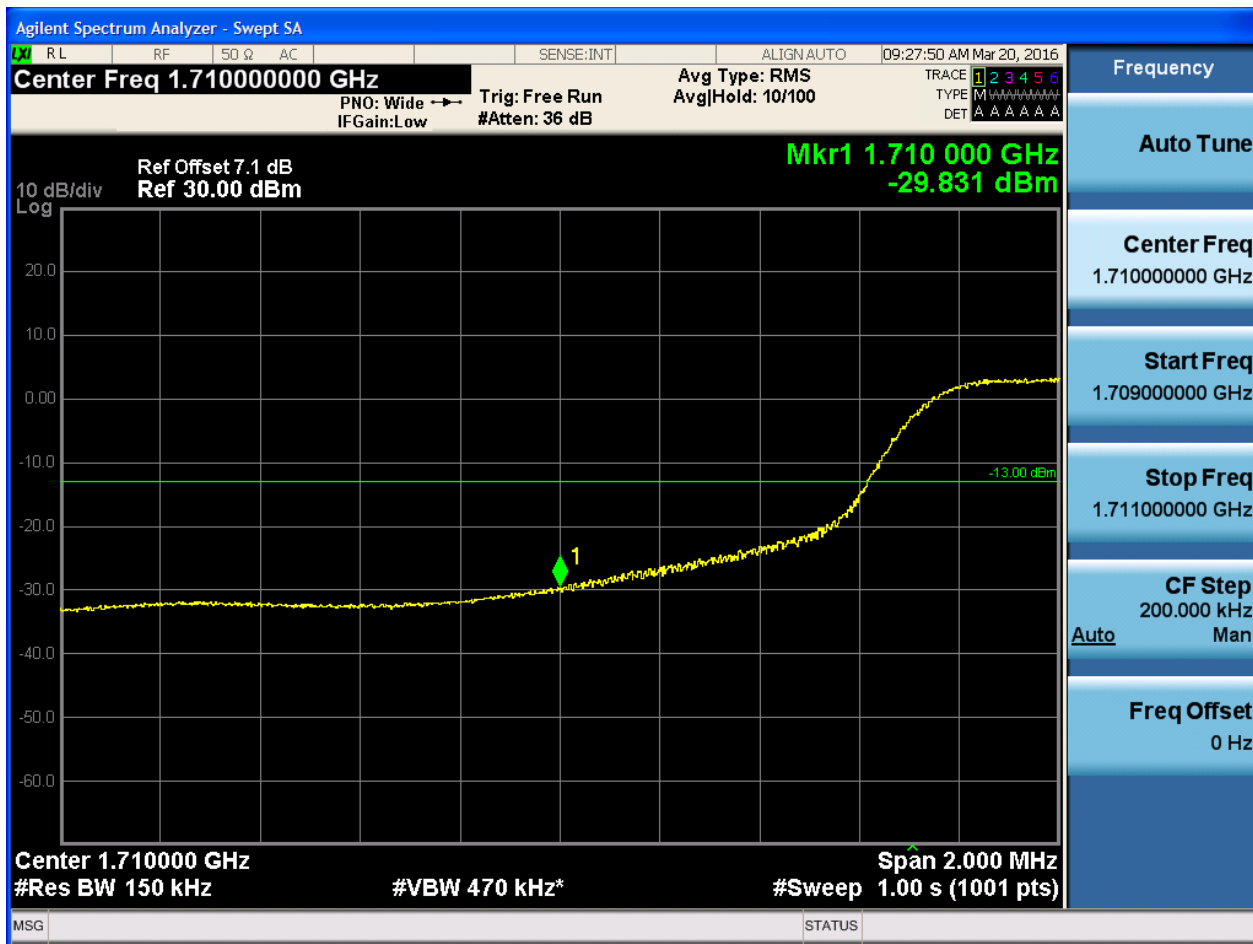


## 5.1.1.1.5.1.3 Test RB = RB38#19





## 5.1.1.1.5.1.4 Test RB = RB75#0





## 5.1.1.1.5.2 Test Channel = HCH

## 5.1.1.1.5.2.1 Test RB = RB1#0



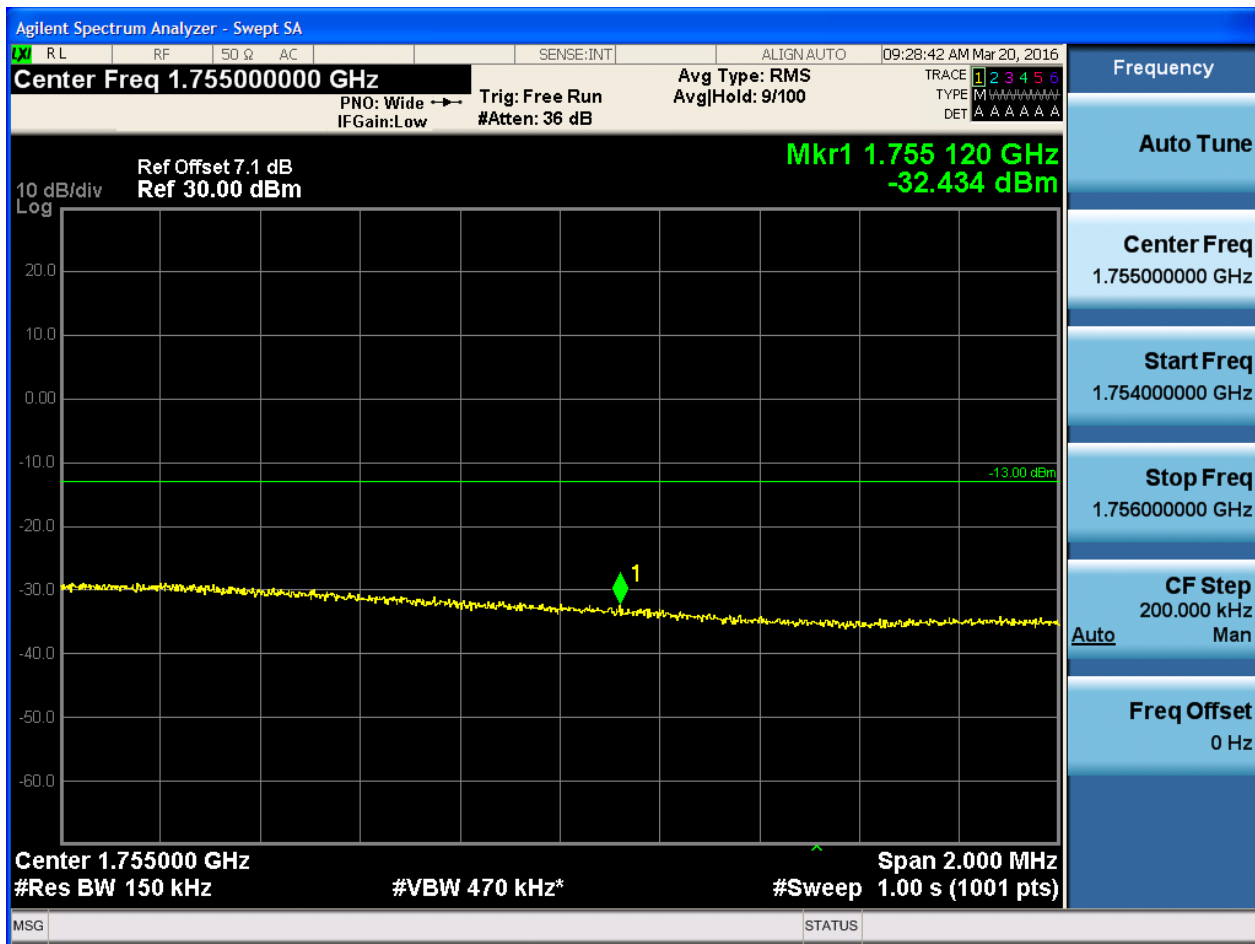


## 5.1.1.1.5.2.2 Test RB = RB1#74



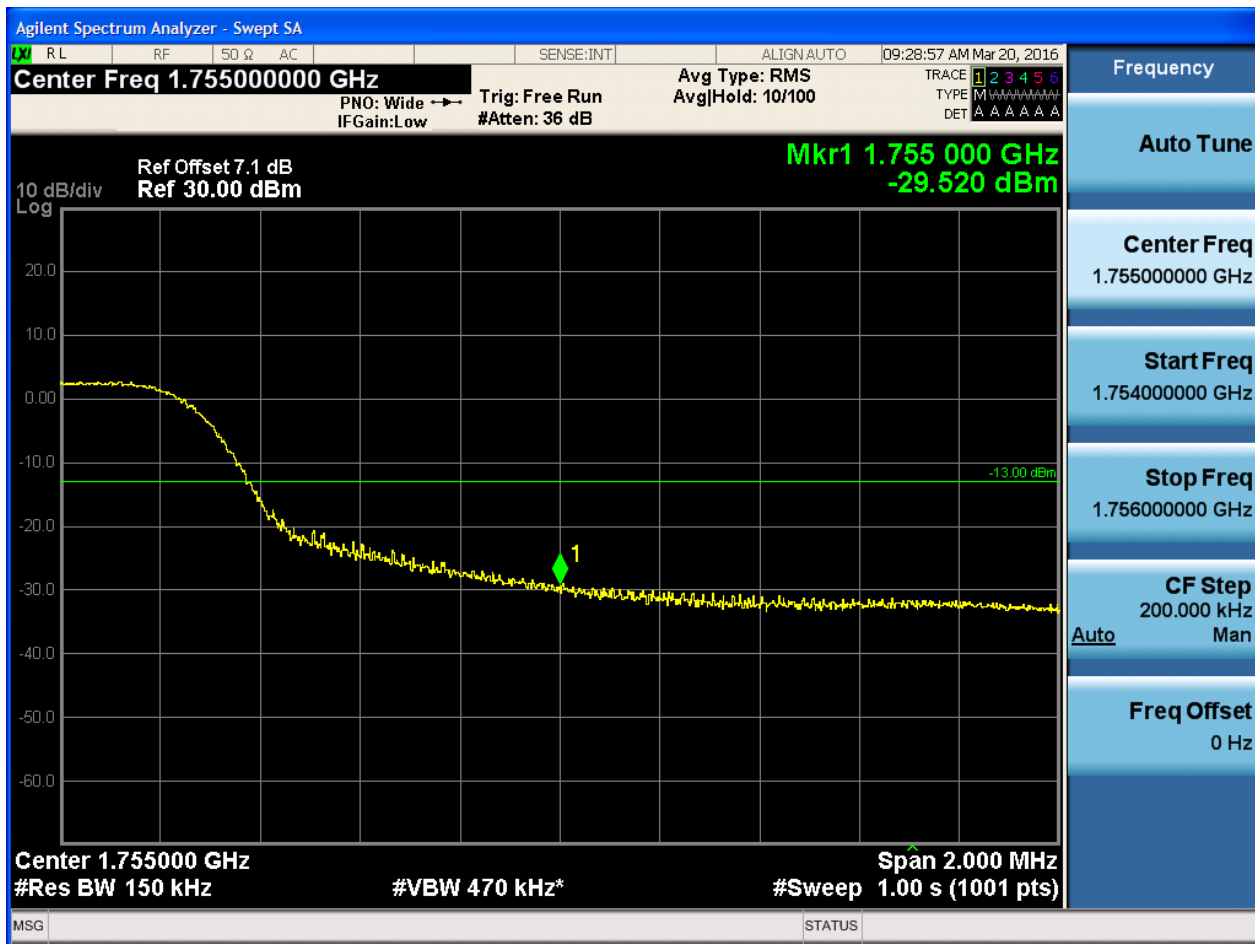


## 5.1.1.1.5.2.3 Test RB = RB38#19





## 5.1.1.1.5.2.4 Test RB = RB75#0

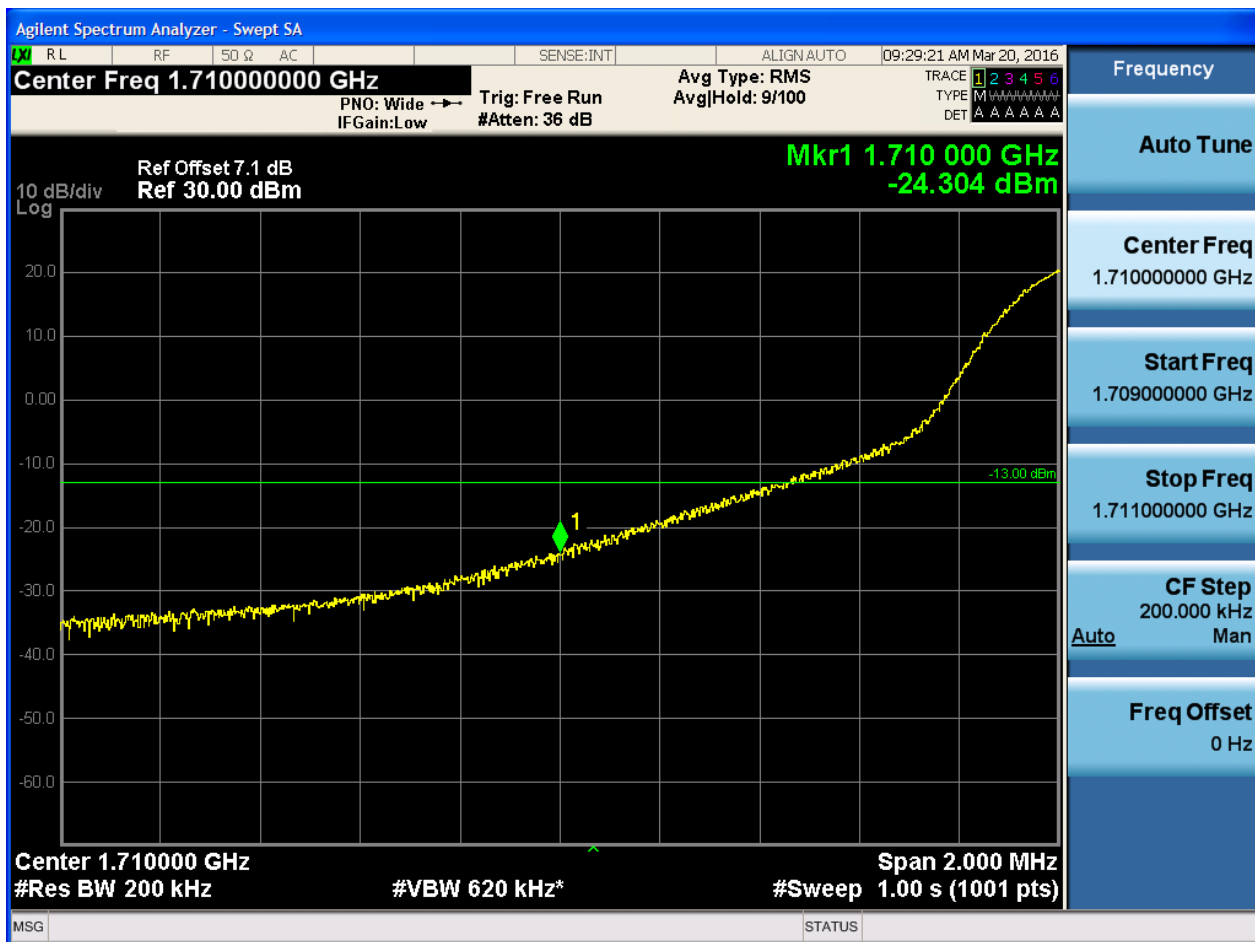




## 5.1.1.1.6 Test Bandwidth = 20

## 5.1.1.1.6.1 Test Channel = LCH

## 5.1.1.1.6.1.1 Test RB = RB1#0



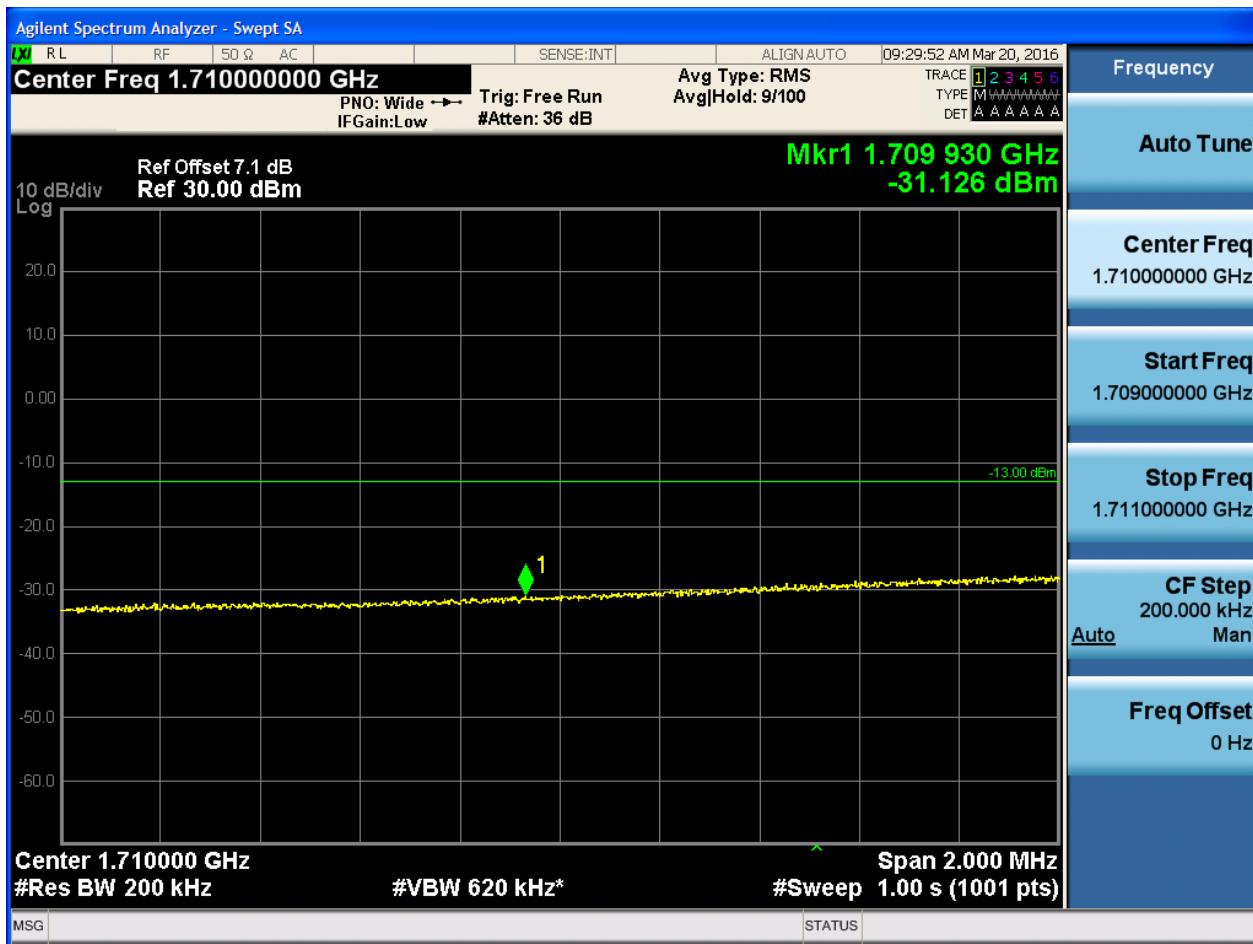


## 5.1.1.1.6.1.2 Test RB = RB1#99



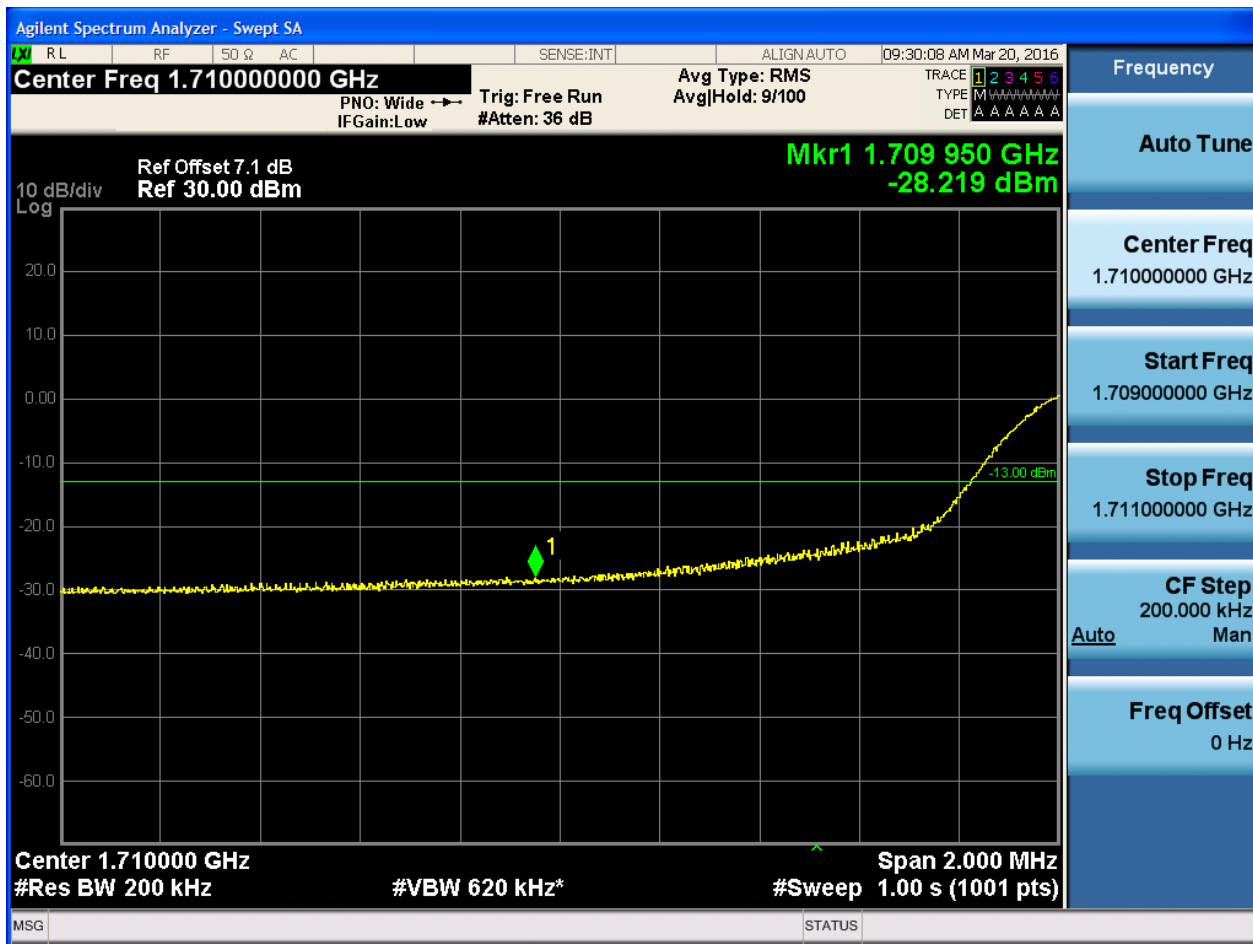


## 5.1.1.1.6.1.3 Test RB = RB50#25





## 5.1.1.1.6.1.4 Test RB = RB100#0





## 5.1.1.1.6.2 Test Channel = HCH

## 5.1.1.1.6.2.1 Test RB = RB1#0





## 5.1.1.1.6.2.2 Test RB = RB1#99



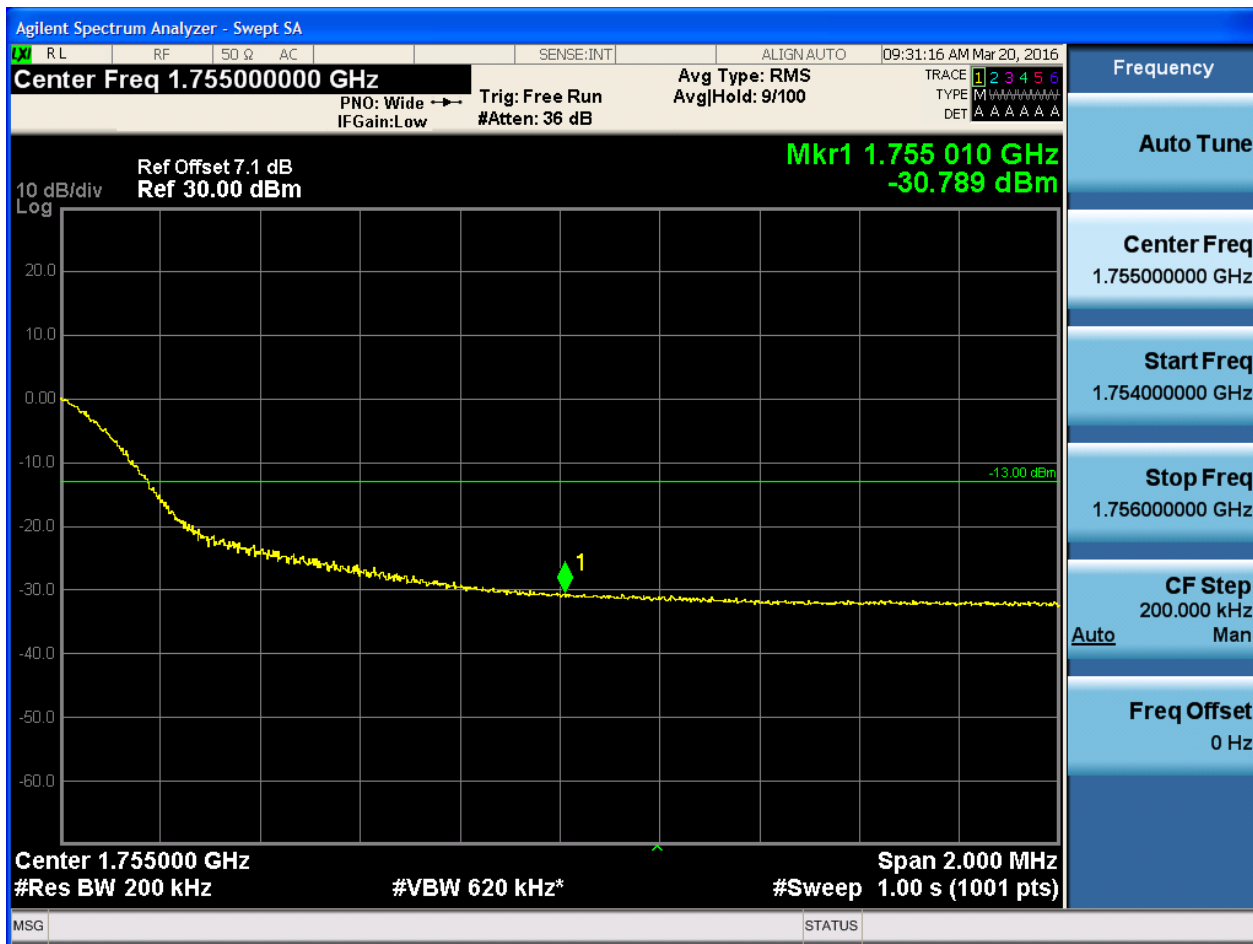


## 5.1.1.1.6.2.3 Test RB = RB50#25





## 5.1.1.1.6.2.4 Test RB = RB100#0



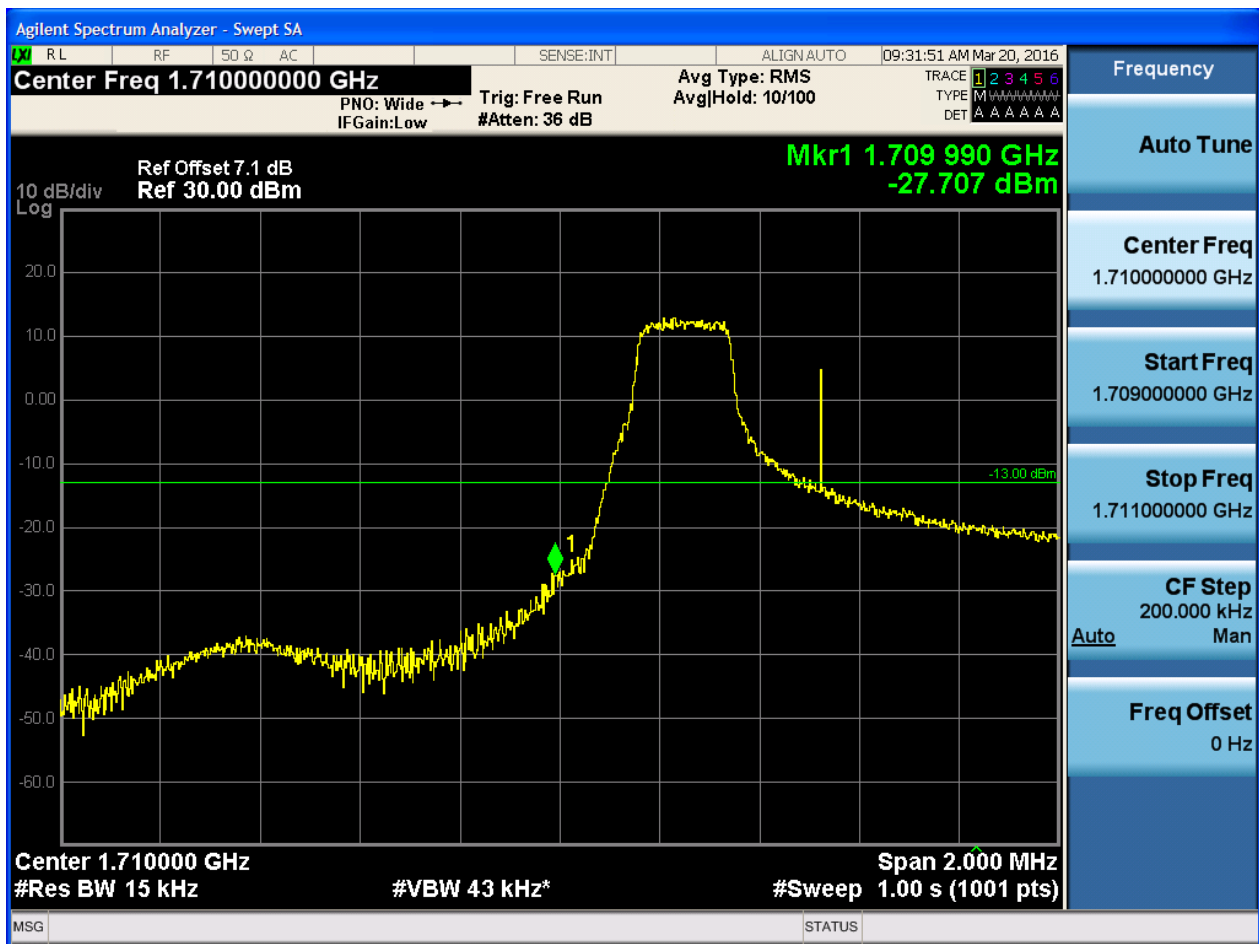


## 5.1.1.2 Test Mode = LTE/TM2

## 5.1.1.2.1 Test Bandwidth = 1.4

## 5.1.1.2.1.1 Test Channel = LCH

## 5.1.1.2.1.1.1 Test RB = RB1#0



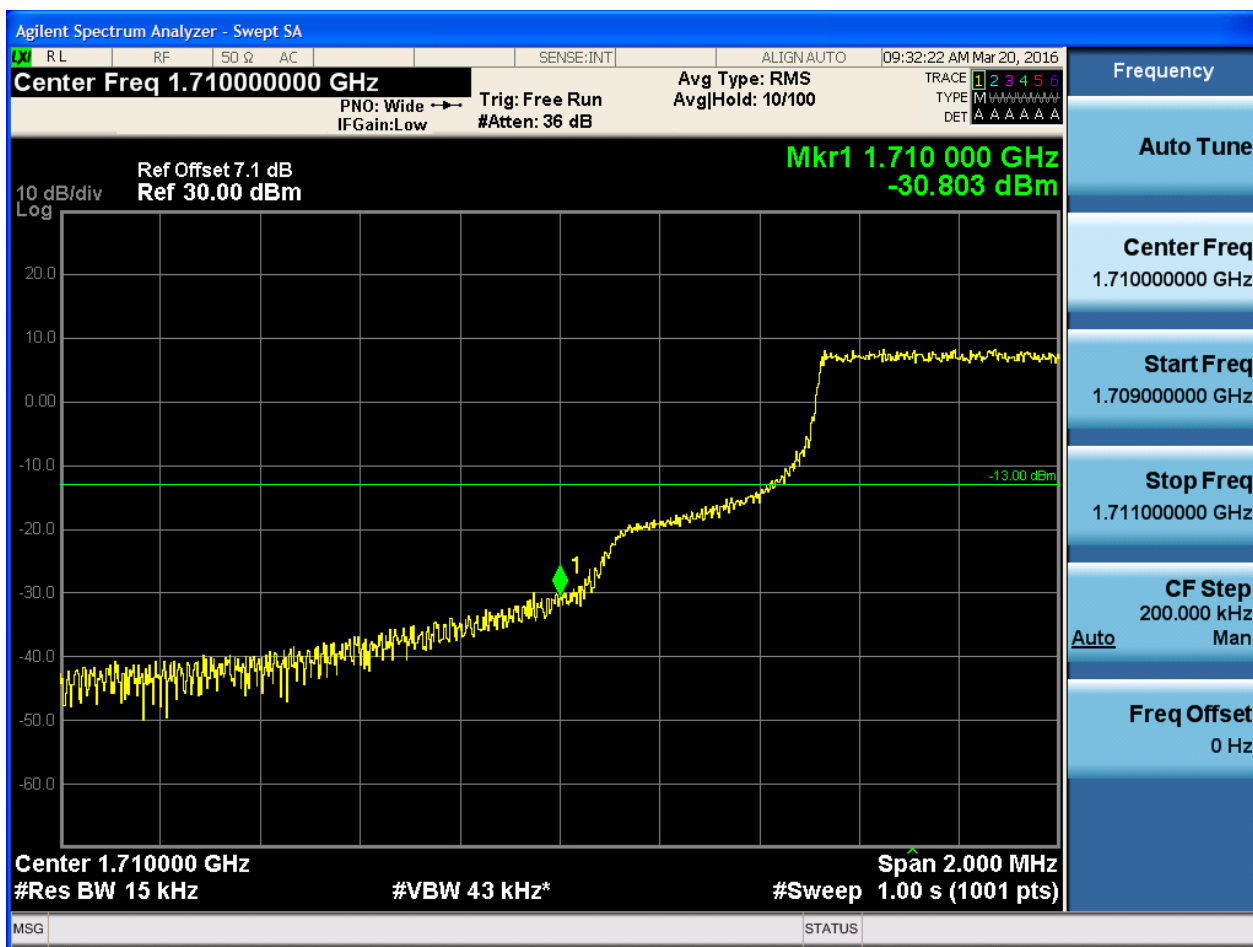


## 5.1.1.2.1.2 Test RB = RB1#5



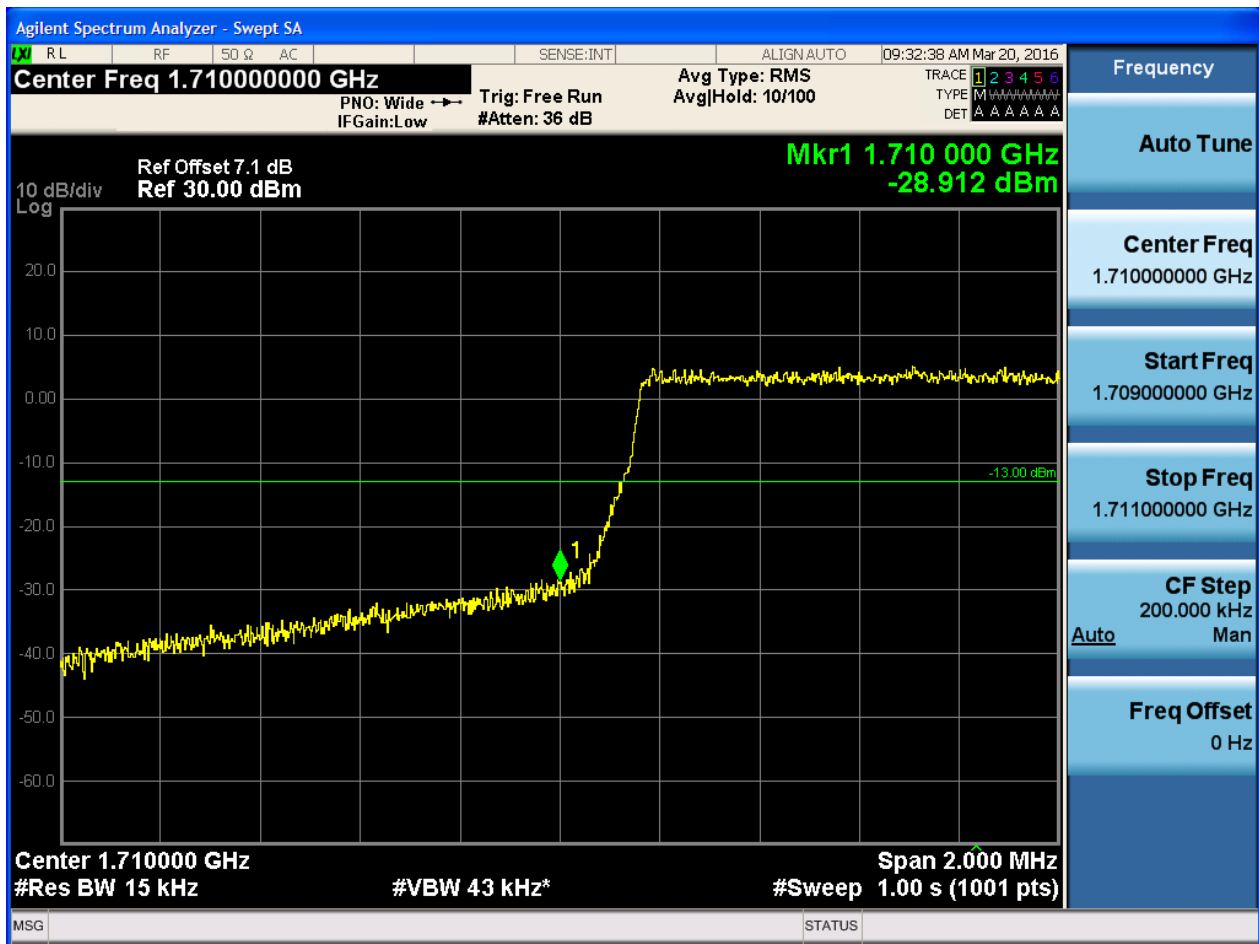


## 5.1.1.2.1.1.3 Test RB = RB3#2





## 5.1.1.2.1.1.4 Test RB = RB6#0





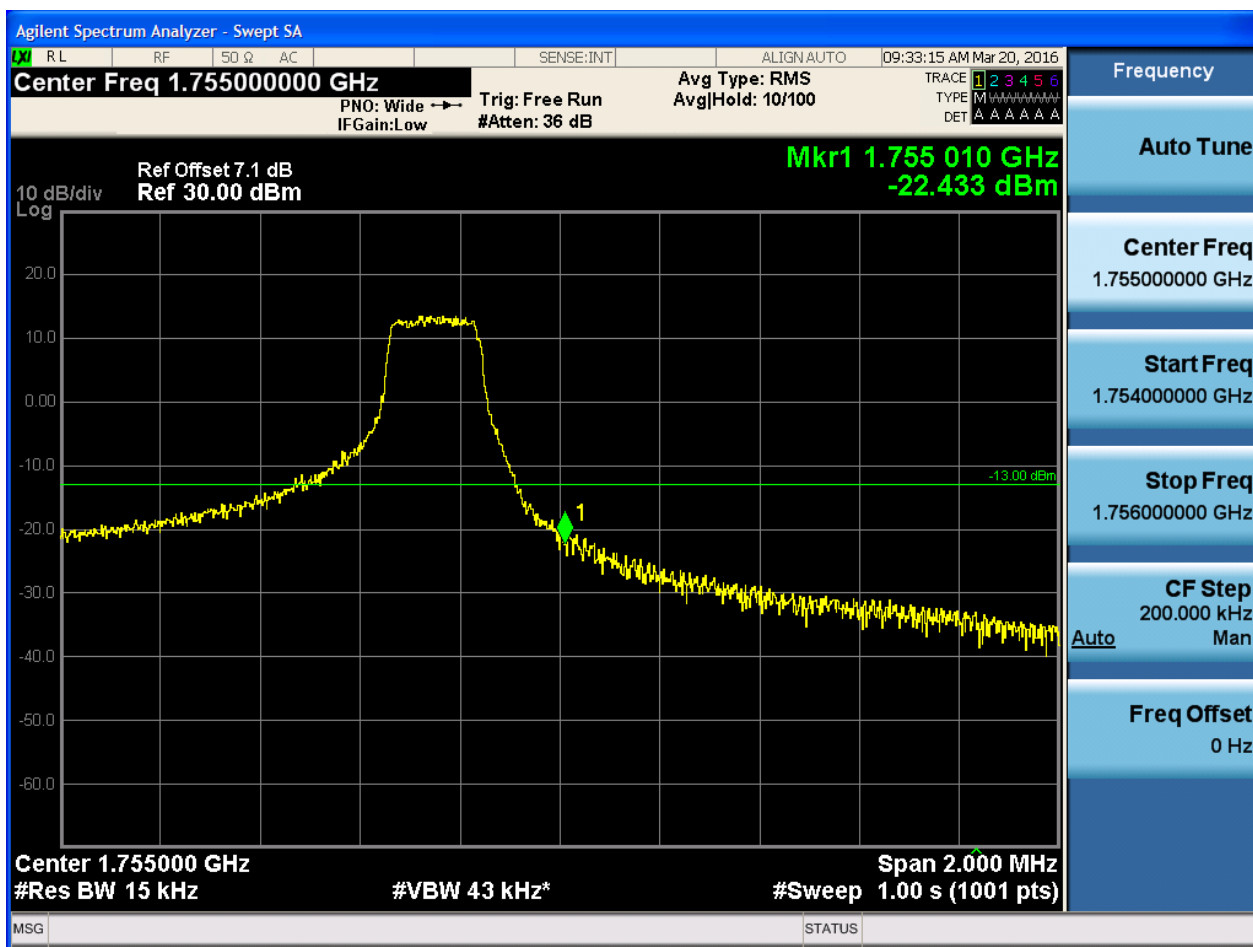
## 5.1.1.2.1.2 Test Channel = HCH

## 5.1.1.2.1.2.1 Test RB = RB1#0





## 5.1.1.2.1.2.2 Test RB = RB1#5



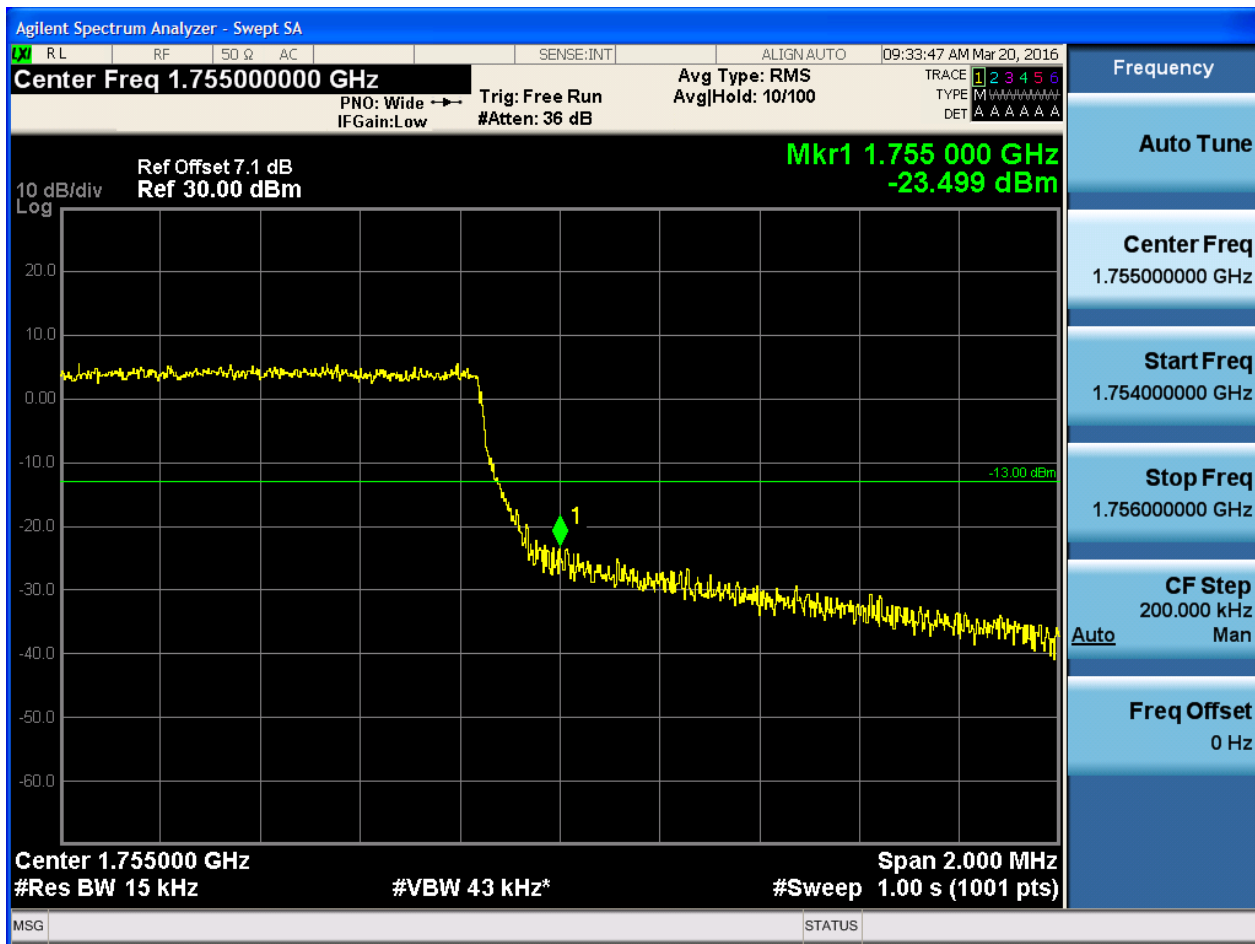


## 5.1.1.2.1.2.3 Test RB = RB3#2





## 5.1.1.2.1.2.4 Test RB = RB6#0





## 5.1.1.2.2 Test Bandwidth = 3

## 5.1.1.2.2.1 Test Channel = LCH

## 5.1.1.2.2.1.1 Test RB = RB1#0

