



# Appendix for test report

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

### Part I - Test Results

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| BAND4          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 23.35         | 22.05      | 30          | PASS    |
|                |           |                |              | RB1#3   | 23.48         | 22.28      | 30          | PASS    |
|                |           |                |              | RB1#5   | 23.48         | 21.95      | 30          | PASS    |
|                |           |                |              | RB3#0   | 23.49         | 22.26      | 30          | PASS    |
|                |           |                |              | RB3#2   | 23.53         | 22.09      | 30          | PASS    |
|                |           |                |              | RB3#3   | 23.54         | 22.31      | 30          | PASS    |
|                |           |                | MCH          | RB6#0   | 22.45         | 20.87      | 30          | PASS    |
|                |           |                |              | RB1#0   | 22.72         | 21.17      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.92         | 21.40      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.78         | 21.44      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.78         | 21.19      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.88         | 21.54      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.84         | 21.30      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | HCH          | RB6#0   | 21.85         | 20.53      | 30          | PASS    |
|                |           |                |              | RB1#0   | 23.34         | 21.89      | 30          | PASS    |
|                |           |                |              | RB1#3   | 23.46         | 22.09      | 30          | PASS    |
|                |           |                |              | RB1#5   | 23.19         | 21.94      | 30          | PASS    |
|                |           |                |              | RB3#0   | 23.43         | 22.14      | 30          | PASS    |
|                |           |                |              | RB3#2   | 23.42         | 21.85      | 30          | PASS    |
|                |           |                |              | RB3#3   | 23.35         | 21.79      | 30          | PASS    |
|                |           |                |              | RB6#0   | 22.31         | 21.10      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 23.41         | 22.08      | 30          | PASS    |
|                |           |                |              | RB1#7   | 23.69         | 22.14      | 30          | PASS    |
|                |           |                |              | RB1#14  | 23.36         | 21.80      | 30          | PASS    |
|                |           |                |              | RB8#0   | 22.39         | 20.86      | 30          | PASS    |
|                |           |                |              | RB8#4   | 22.44         | 20.87      | 30          | PASS    |
|                |           |                |              | RB8#7   | 22.36         | 20.94      | 30          | PASS    |
|                |           |                |              | RB15#0  | 22.33         | 20.81      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.63         | 21.04      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.9          | 21.50      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#14  | 22.79         | 21.58      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.81         | 20.47      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.88         | 20.53      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.85         | 20.56      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.83         | 20.39      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.47         | 22.13      | 30          | PASS    |
|                |           |                |              | RB1#7   | 23.52         | 22.00      | 30          | PASS    |
|                |           |                |              | RB1#14  | 23.12         | 21.80      | 30          | PASS    |
|                |           |                |              | RB8#0   | 22.5          | 20.98      | 30          | PASS    |
|                |           |                |              | RB8#4   | 22.42         | 21.01      | 30          | PASS    |
|                |           |                |              | RB8#7   | 22.28         | 20.96      | 30          | PASS    |
|                |           |                |              | RB15#0  | 22.35         | 21.06      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 23.34         | 21.83      | 30          | PASS    |
|                |           |                |              | RB1#13  | 23.62         | 22.09      | 30          | PASS    |
|                |           |                |              | RB1#24  | 23.14         | 21.68      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.4          | 21.12      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.54         | 21.16      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB12#13 | 22.34         | 21.14      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.38         | 20.94      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.55         | 21.15      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.9          | 21.54      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.68         | 21.32      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.72         | 20.36      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.83         | 20.62      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.86         | 20.27      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.78         | 20.30      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.63         | 22.30      | 30          | PASS    |
|                |           |                |              | RB1#13  | 23.66         | 22.24      | 30          | PASS    |
|                |           |                |              | RB1#24  | 23.11         | 21.85      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.57         | 21.25      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.55         | 21.18      | 30          | PASS    |
|                |           |                |              | RB12#13 | 22.31         | 21.04      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.24         | 20.84      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 23.3          | 22.01      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#25  | 23.61         | 22.40      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.92         | 21.59      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.36         | 20.85      | 30          | PASS    |
|                |           |                |              | RB25#13 | 22.51         | 21.04      | 30          | PASS    |
|                |           |                |              | RB25#25 | 22.24         | 20.72      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.29         | 21.00      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.49         | 21.08      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.93         | 21.72      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.79         | 21.51      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.68         | 20.17      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.81         | 20.38      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.71         | 20.48      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.77         | 20.34      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.19         | 21.74      | 30          | PASS    |
|                |           |                |              | RB1#25  | 23.79         | 22.19      | 30          | PASS    |
|                |           |                |              | RB1#49  | 23.08         | 21.61      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.26         | 20.95      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#13 | 22.57         | 21.36      | 30          | PASS    |
|                |           |                |              | RB25#25 | 22.28         | 20.81      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.15         | 20.84      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 23.41         | 22.07      | 30          | PASS    |
|                |           |                |              | RB1#38  | 23.34         | 21.84      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.49         | 20.97      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.39         | 20.90      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.18         | 20.73      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.71         | 20.39      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22.11         | 20.64      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.47         | 21.22      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.9          | 21.42      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.94         | 21.59      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.59         | 20.24      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.77         | 20.56      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.86         | 20.57      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.78         | 20.53      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 23.13         | 21.67      | 30          | PASS    |
|                |           |                |              | RB1#38  | 23.54         | 22.16      | 30          | PASS    |
|                |           |                |              | RB1#74  | 23.2          | 21.82      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.36         | 20.86      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.41         | 20.87      | 30          | PASS    |
|                |           |                |              | RB38#39 | 22.51         | 21.20      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22.37         | 20.95      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 23.12         | 21.81      | 30          | PASS    |
|                |           |                |              | RB1#50  | 23.23         | 21.98      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.73         | 21.27      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.05         | 20.49      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.86         | 20.46      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.71         | 20.46      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.99         | 20.51      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.47         | 20.88      | 30          | PASS    |
|                |           |                |              | RB1#50  | 23.01         | 21.59      | 30          | PASS    |
|                |           |                |              | RB1#99  | 23.17         | 21.66      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB50#0  | 21.68         | 20.14      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.74         | 20.42      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.77         | 20.51      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.81         | 20.23      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.05         | 21.80      | 30          | PASS    |
|                |           |                |              | RB1#50  | 23.76         | 22.34      | 30          | PASS    |
|                |           |                |              | RB1#99  | 23.39         | 21.95      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.12         | 20.62      | 30          | PASS    |
|                |           |                |              | RB50#25 | 22.32         | 20.85      | 30          | PASS    |
|                |           |                |              | RB50#50 | 22.39         | 21.15      | 30          | PASS    |
|                |           |                |              | RB100#0 | 22.22         | 20.73      | 30          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 22.34         | 20.86      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.57         | 21.05      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.5          | 21.27      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.38         | 20.81      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.65         | 21.43      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.63         | 21.07      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB6#0   | 21.34         | 19.97      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.77         | 20.30      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.94         | 20.44      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.82         | 20.57      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.78         | 20.47      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.88         | 20.35      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.79         | 20.31      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.71         | 19.16      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.51         | 21.11      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.55         | 21.14      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.38         | 20.82      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.33         | 20.88      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.44         | 20.93      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.4          | 20.93      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.18         | 19.97      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.26         | 20.72      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.79         | 21.30      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#14  | 22.25         | 20.91      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.35         | 19.87      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.39         | 19.87      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.26         | 19.67      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.29         | 20.05      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.55         | 20.33      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.87         | 20.29      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.74         | 20.28      | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.66         | 19.33      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.71         | 19.17      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.76         | 19.18      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.72         | 19.41      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.47         | 21.01      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.54         | 21.24      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22            | 20.41      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.3          | 20.04      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.21         | 19.78      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB8#7   | 21.15         | 19.82      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.13         | 19.86      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.43         | 20.92      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.84         | 21.58      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.33         | 20.99      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.37         | 19.80      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.4          | 19.90      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.21         | 19.91      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.24         | 20.04      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.54         | 20.27      | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.89         | 20.55      | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.63         | 20.21      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.61         | 19.13      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.69         | 19.44      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.79         | 19.48      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.67         | 19.33      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.58         | 21.19      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#13  | 22.63         | 21.11      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.09         | 20.55      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.43         | 20.00      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.37         | 19.86      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.14         | 19.76      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.01         | 19.62      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 22.17         | 20.58      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.53         | 21.20      | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.85         | 20.60      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.22         | 19.99      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.34         | 19.92      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.09         | 19.67      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.15         | 19.59      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.55         | 20.27      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.96         | 20.52      | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.8          | 20.45      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.63         | 19.31      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#13 | 20.7          | 19.34      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.62         | 19.33      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.67         | 19.14      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.2          | 20.84      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.81         | 21.33      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.09         | 20.51      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.09         | 19.71      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.39         | 19.91      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.04         | 19.48      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.91         | 19.40      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 22.28         | 21.06      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.31         | 20.78      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.5          | 20.25      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.13         | 19.88      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.96         | 19.56      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.58         | 19.20      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.84         | 19.33      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.48         | 20.08      | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.95         | 20.55      | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.93         | 20.55      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.56         | 19.31      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.67         | 19.22      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.69         | 19.43      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.66         | 19.45      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.38         | 20.82      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.74         | 21.27      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.4          | 21.10      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.18         | 19.69      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.27         | 19.83      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.39         | 20.00      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.23         | 19.95      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.56         | 21.22      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.43         | 21.19      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.95         | 20.53      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB50#0  | 20.82         | 19.22      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.72         | 19.28      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.65         | 19.08      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.85         | 19.43      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.73         | 20.21      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.32         | 20.84      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.5          | 20.99      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.64         | 19.25      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.65         | 19.15      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.66         | 19.27      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.72         | 19.50      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.33         | 20.75      | 30          | PASS    |
|                |           |                |              | RB1#50  | 23.01         | 21.75      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.68         | 21.47      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.91         | 19.70      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.09         | 19.59      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.2          | 19.79      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB100#0 | 21.07         | 19.66      | 30          | PASS    |

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

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

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

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

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

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   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.8          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.69         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.36         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.63         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6            | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.76         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.39         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.34         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#14  | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.55         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.4          | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.91         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.65         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.12         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.16         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.81         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#25  | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.86         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.08         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.41         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.42         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.17         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.39         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.23         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#0  | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.37         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.24         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.41         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.67         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.31         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.3          | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 3                    | LCH          | RB1#0   | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.6          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.47         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.25         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.29         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.44         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 7.03         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.96         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.94         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.42         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.46         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.52         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.73         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   |              | RB12#6  | 6.45         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.58         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.83         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.66         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.18         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.42         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.72         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.13         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.82         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.81         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.08         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.92         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.85         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.8          | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.88         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.6          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.86         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.93         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.08         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#38  | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.82         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.32         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.17         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.81         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.88         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.92         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.2          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.14         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.13         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.44         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

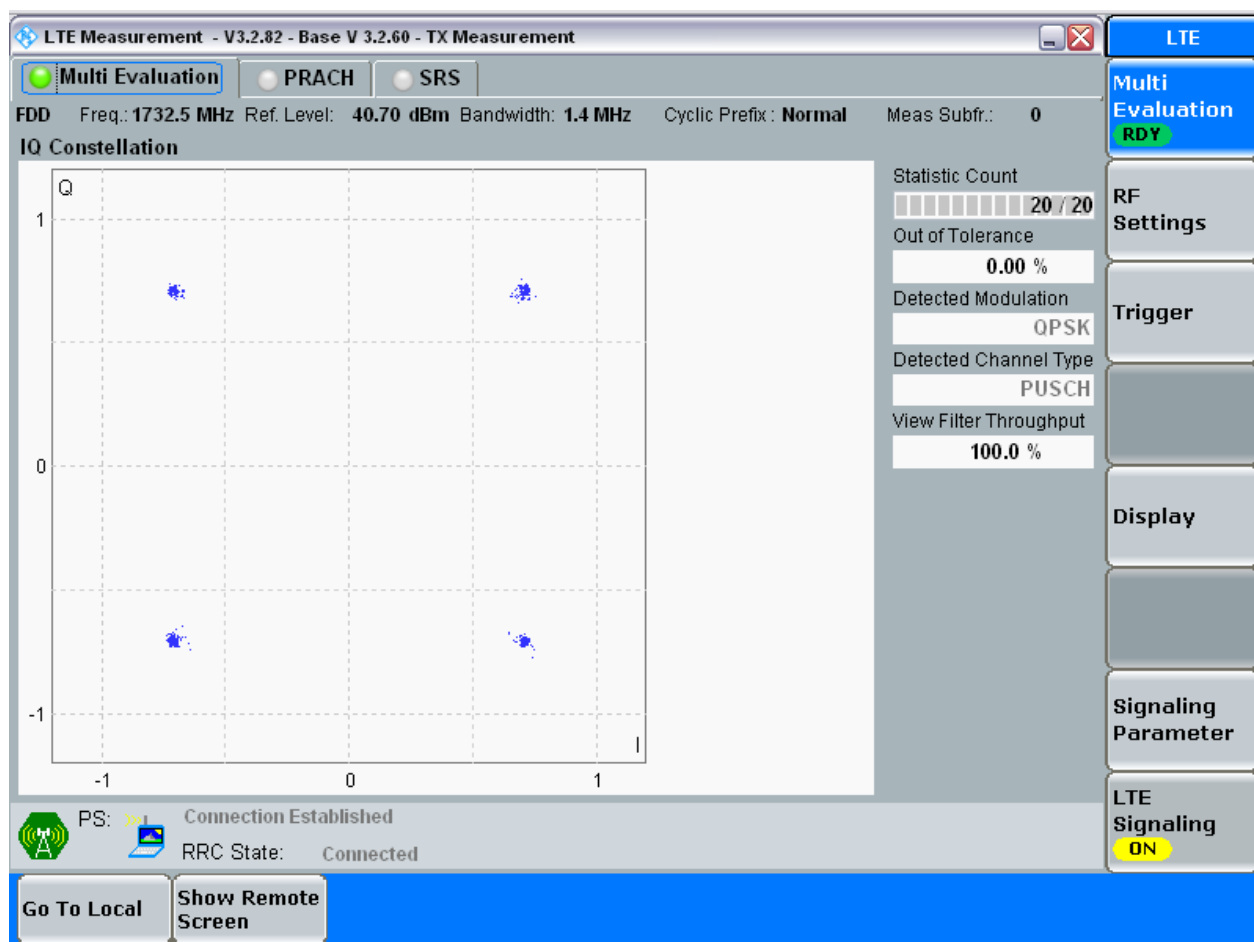
##### 3.1.1 Test Band = BAND4

##### 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

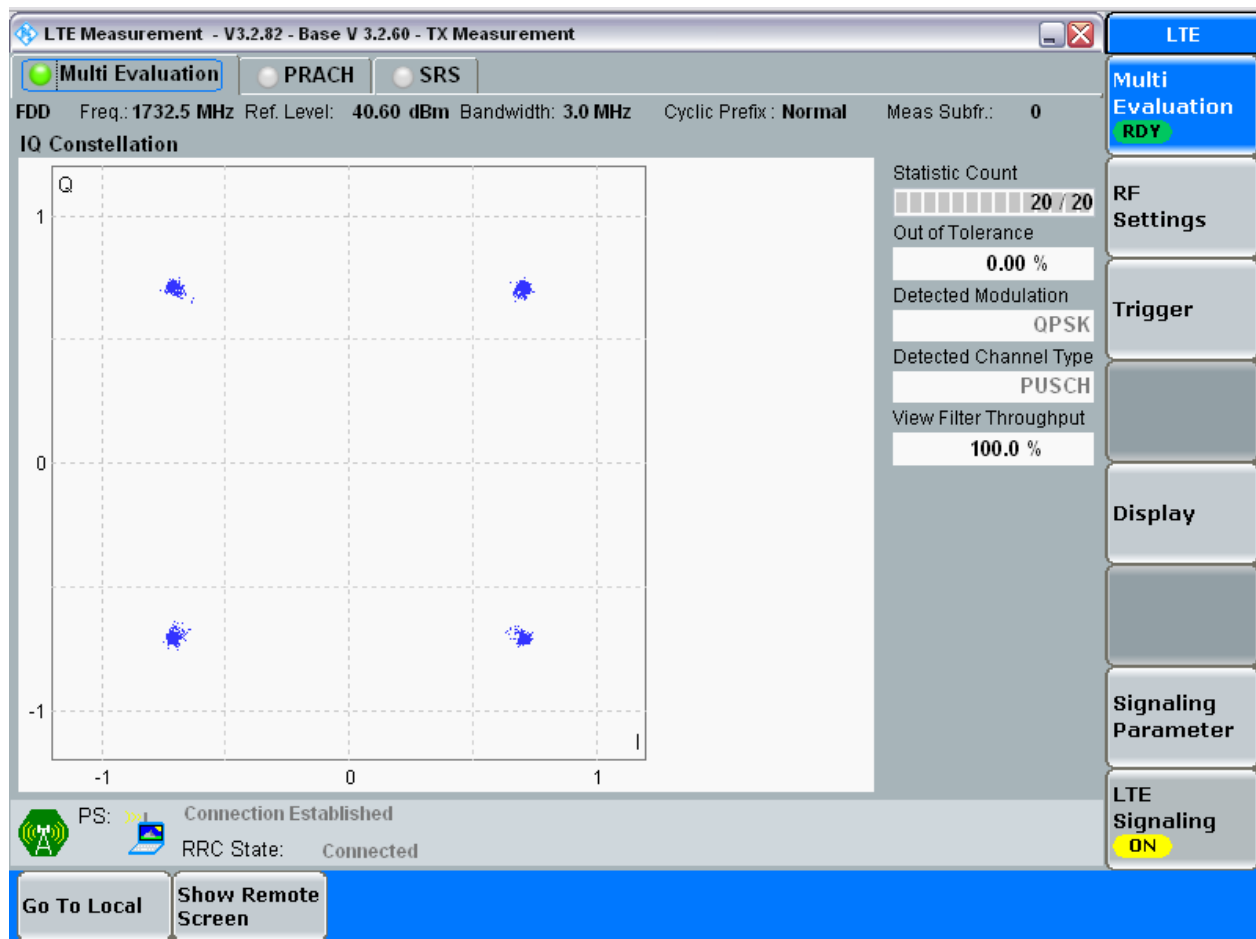
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

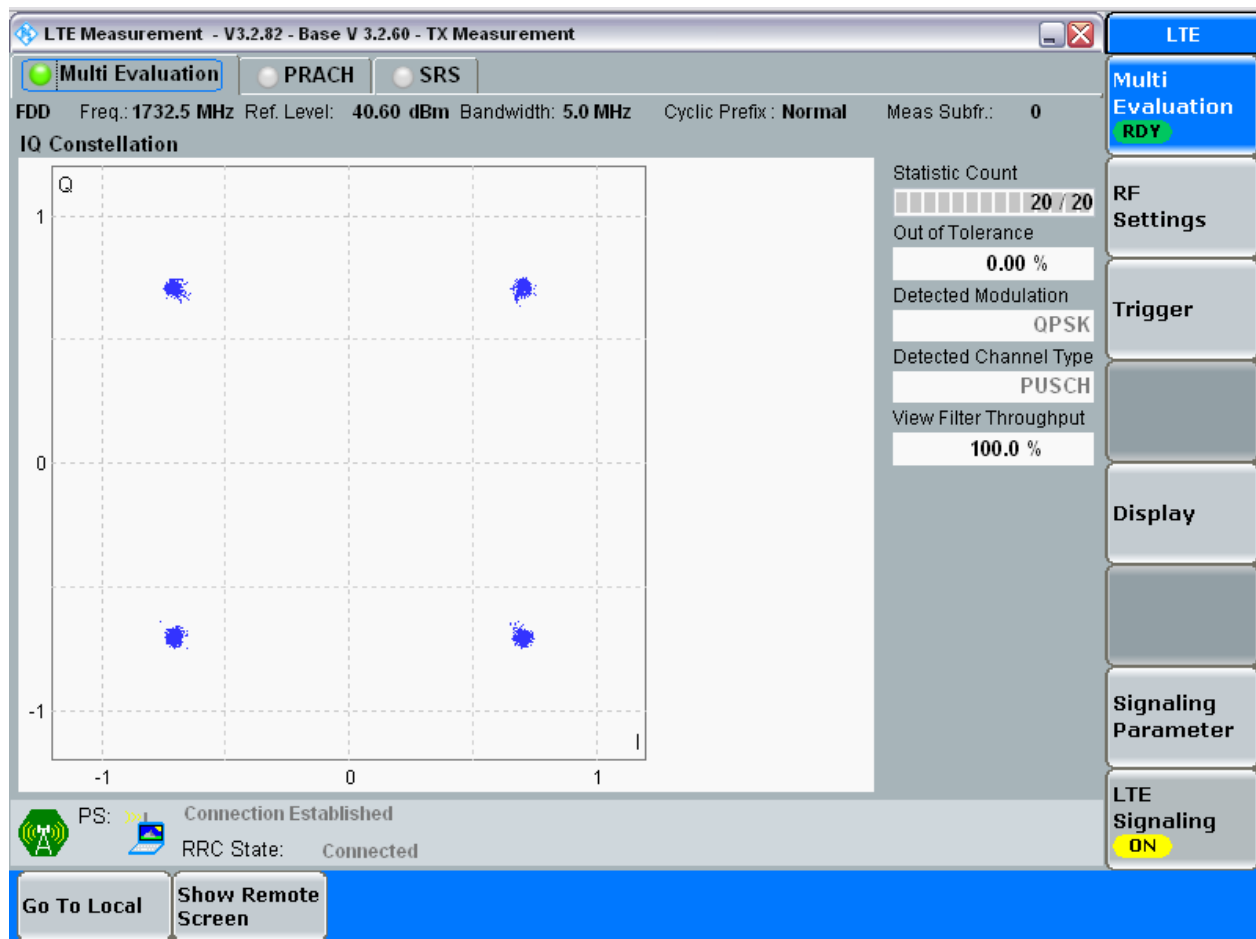
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

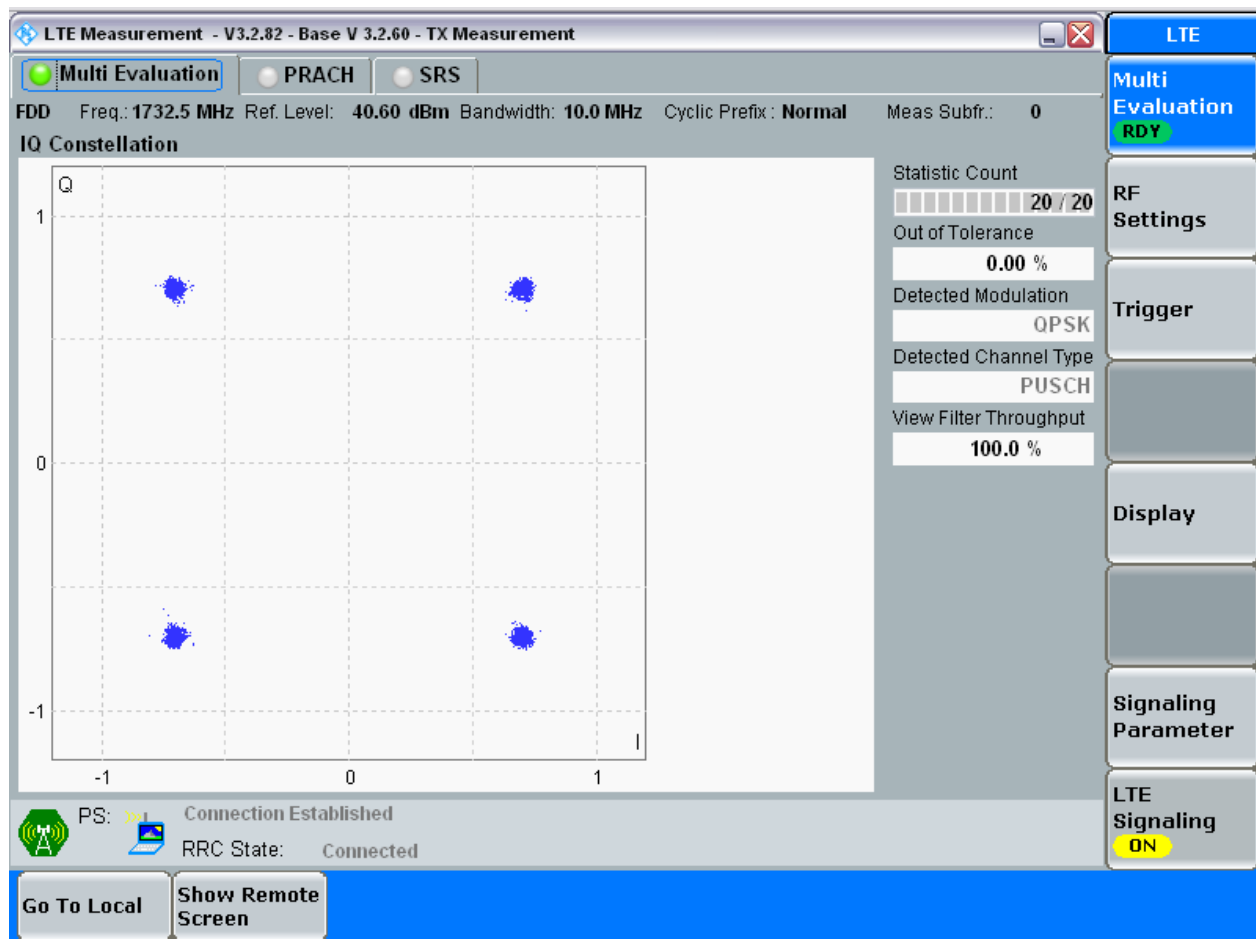
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

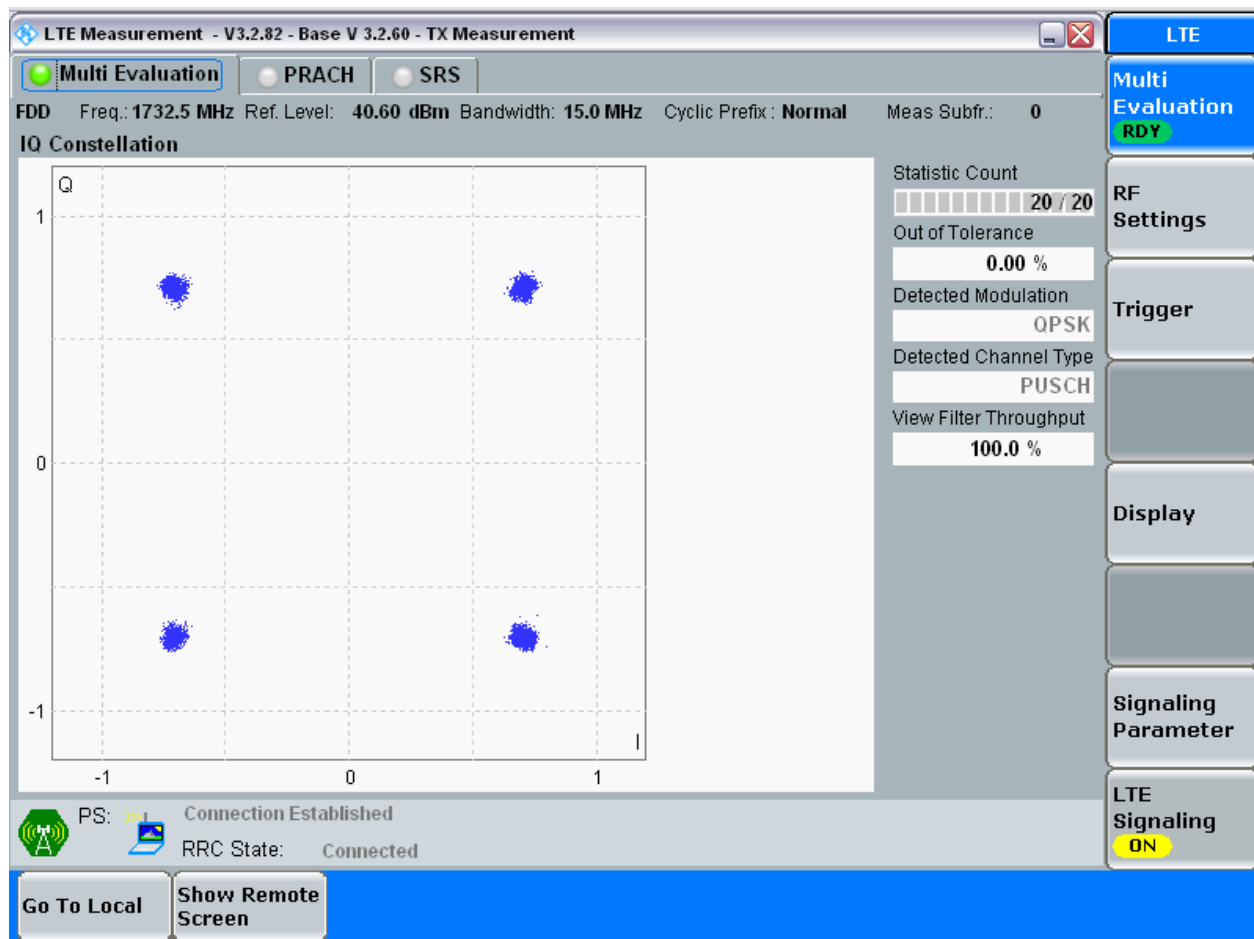
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

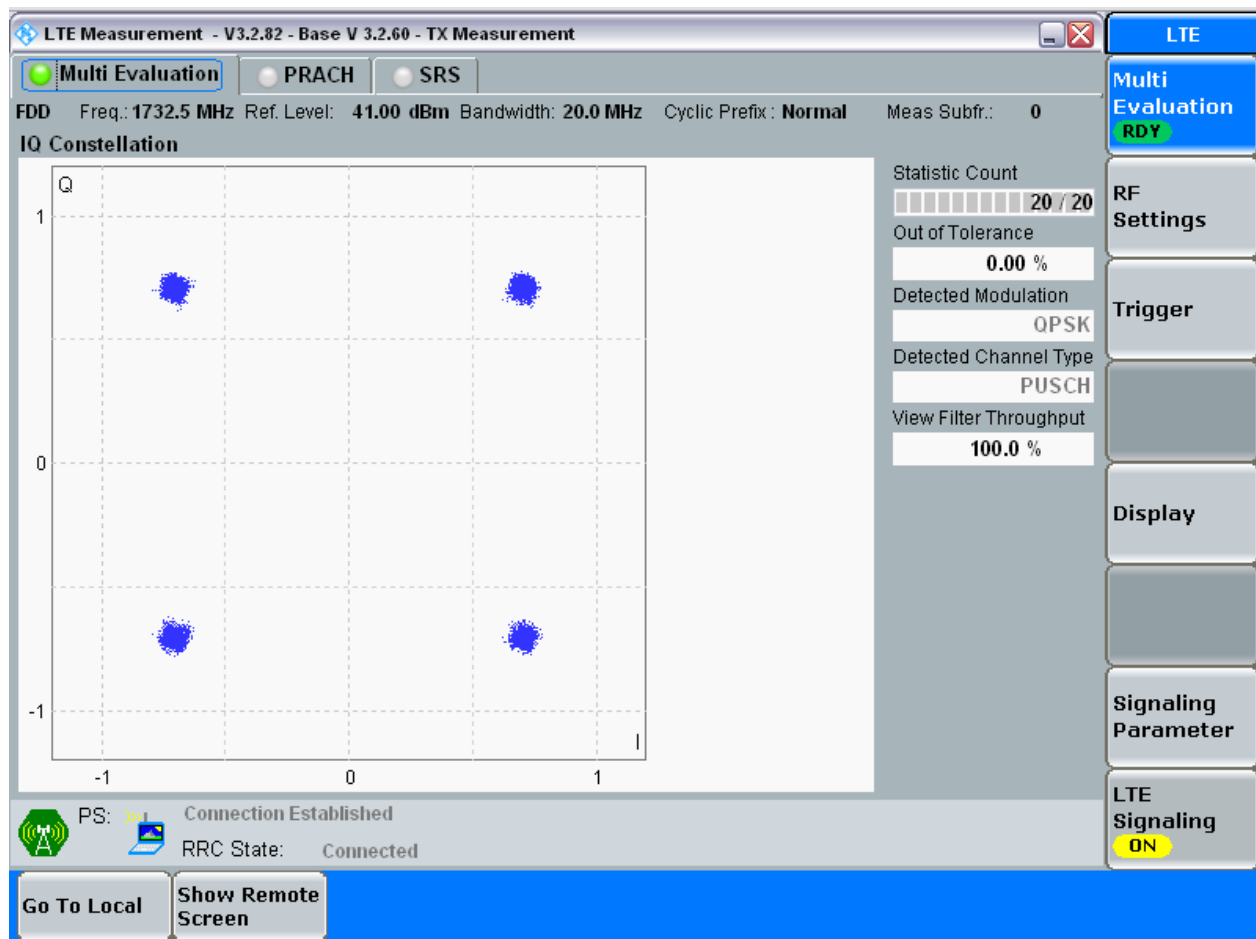
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

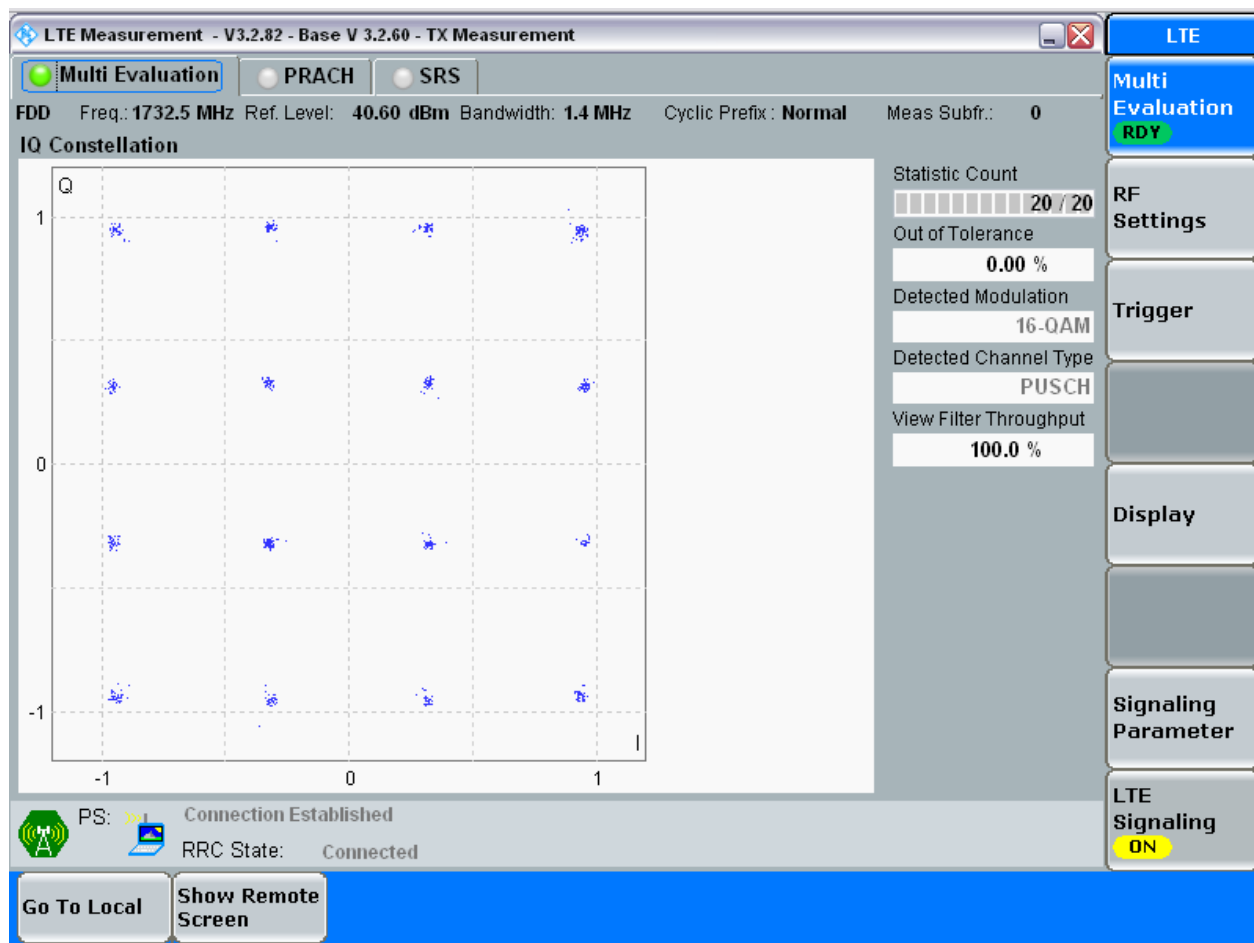


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

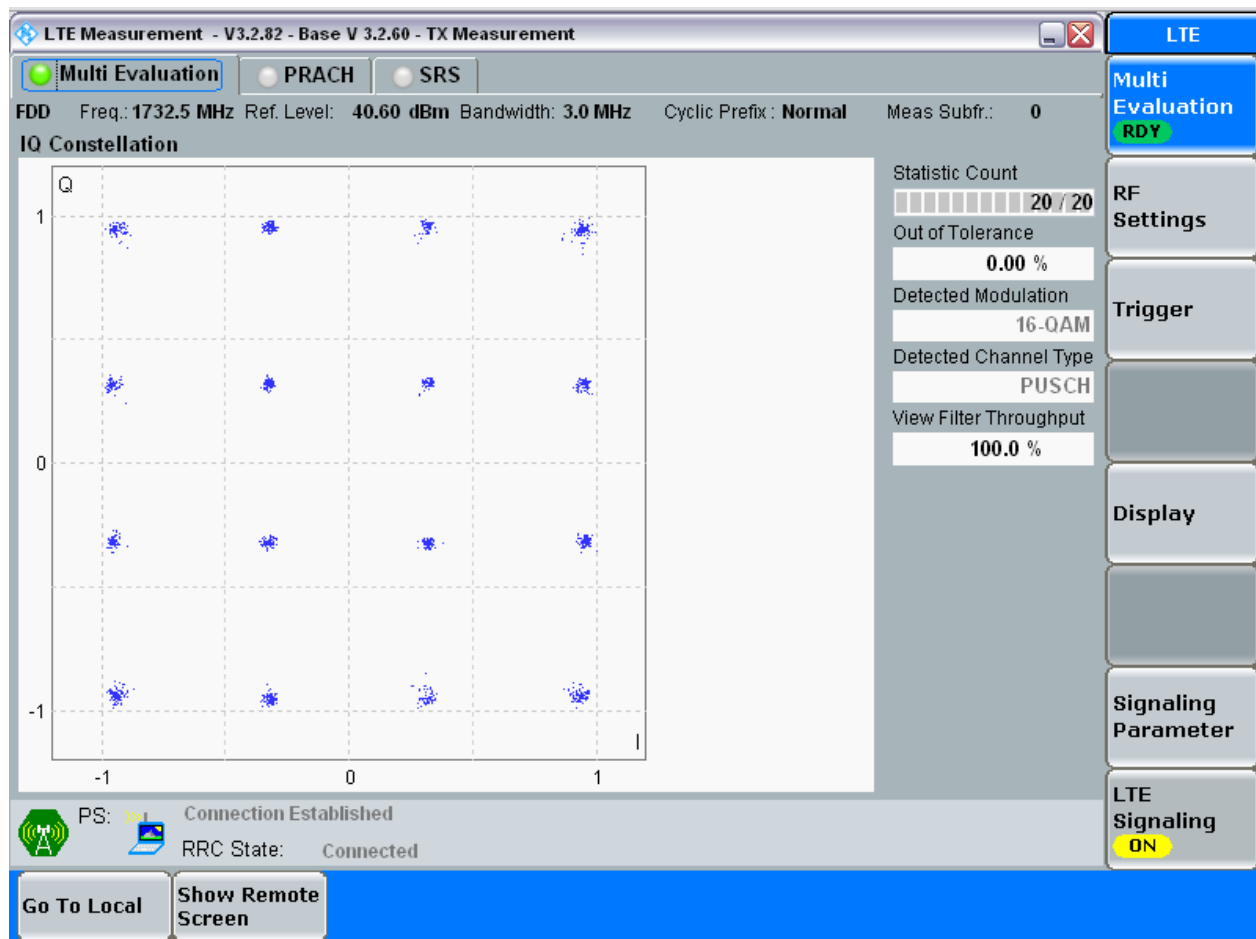
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

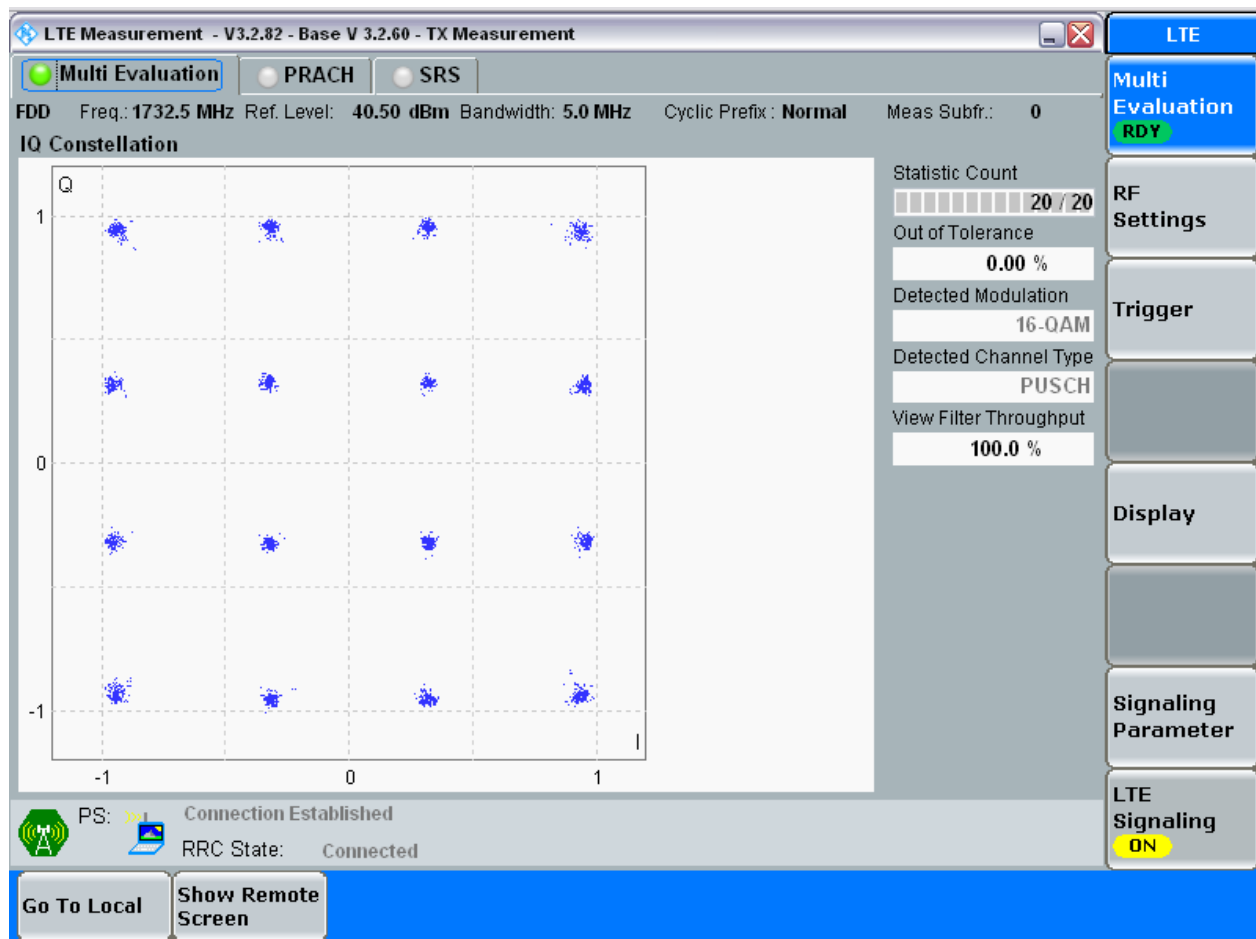
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

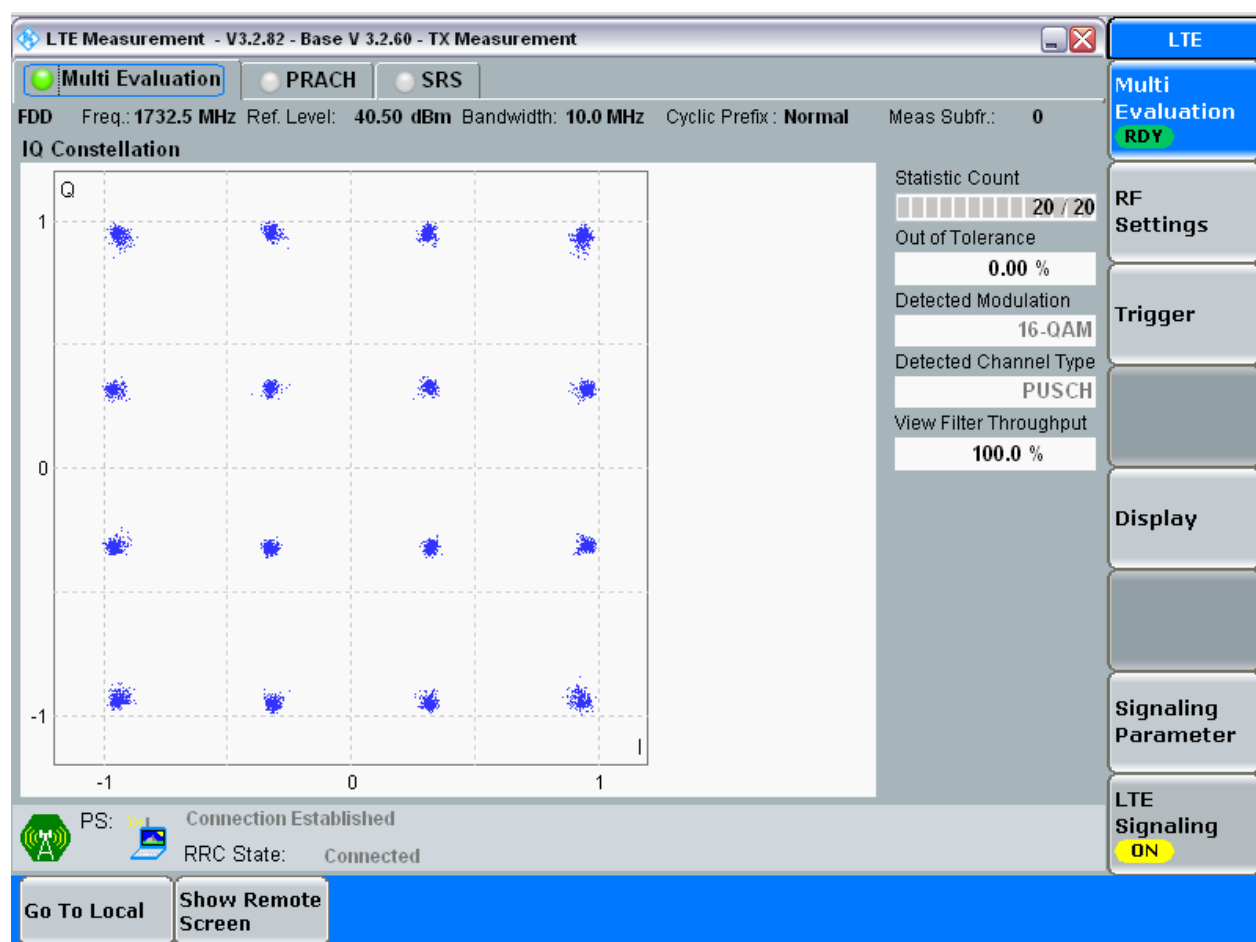
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

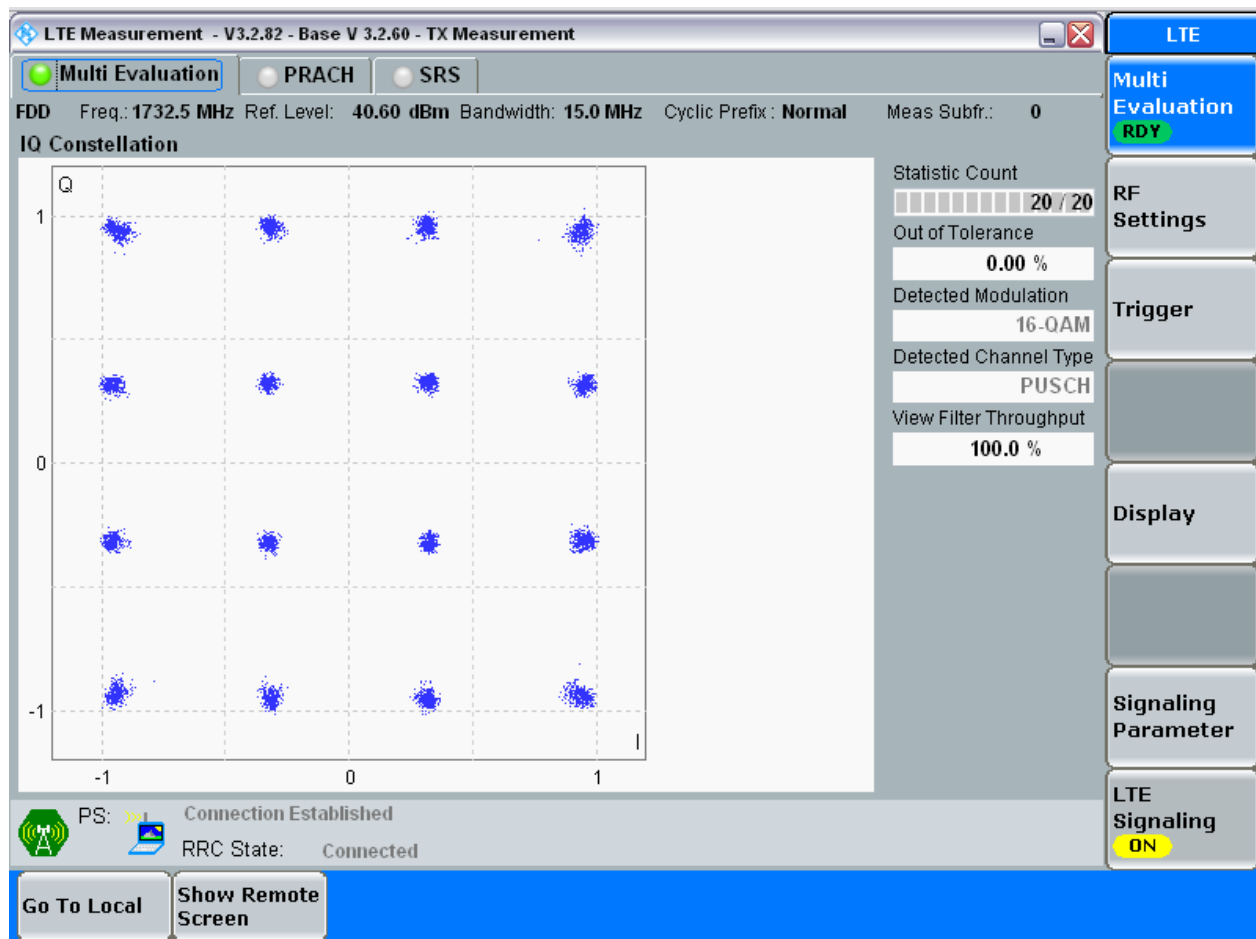
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

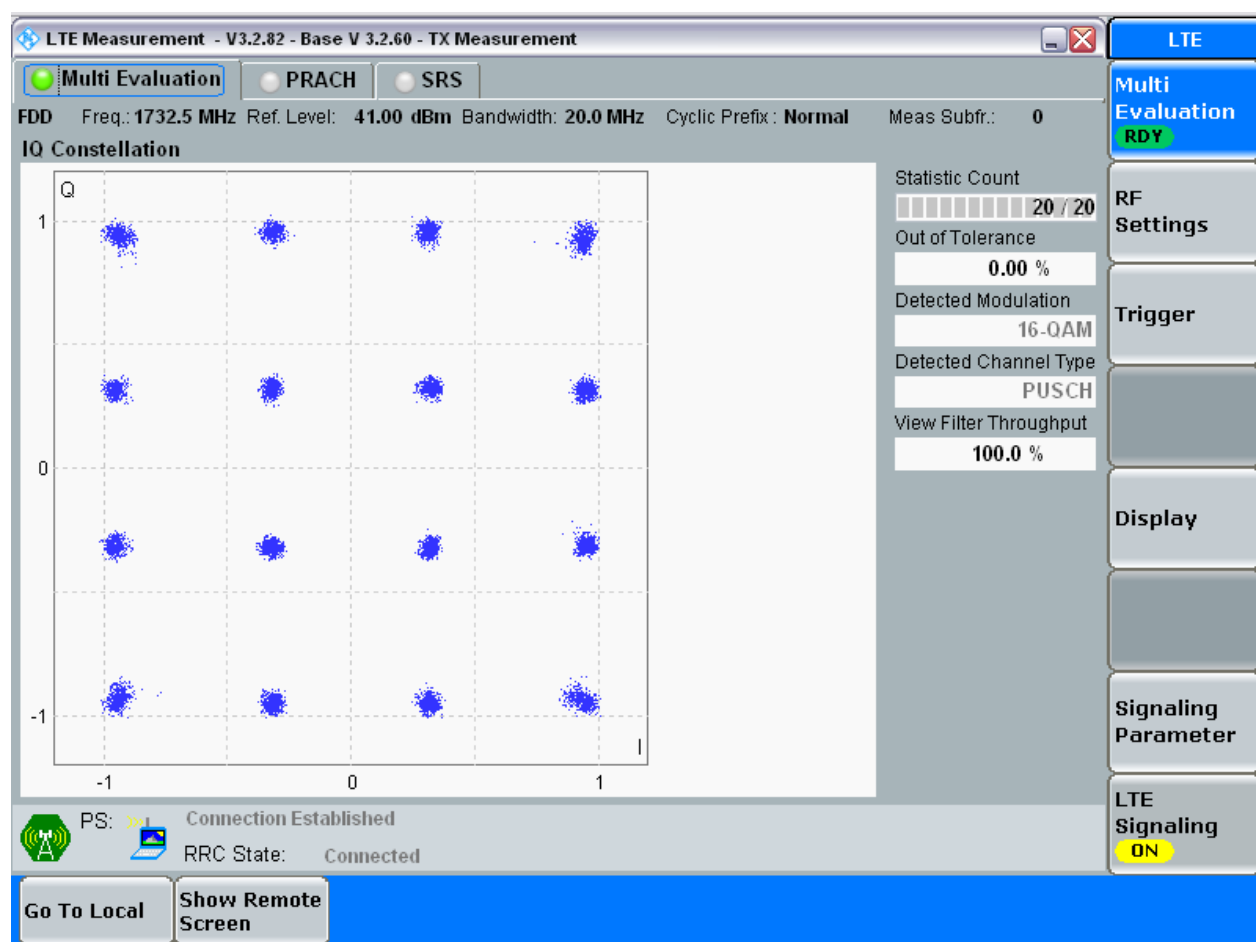
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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                     | 1.22                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.93                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.70                     | 2.94                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.51                     | 4.88                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 4.87                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 4.89                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 8.98                     | 9.68                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.64                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.98                     | 9.65                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.46                    | 14.56                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.48                    | 14.47                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.49                    | 14.42                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.94                    | 19.07                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.98                    | 19.22                    | Pass    |
|           |           |                | HCH          | RB100#0 | 18.00                    | 19.16                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.22                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.70                     | 2.94                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.94                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.94                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.49                     | 4.85                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 4.91                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 4.86                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 8.98                     | 9.66                     | Pass    |
|           |           |                | MCH          | RB50#0  | 8.99                     | 9.65                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.99                     | 9.60                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.46                    | 14.41                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.49                    | 14.43                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.50                    | 14.46                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.92                    | 19.07                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.97                    | 19.35                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.99                    | 19.13                    | Pass    |

## Part II - Test Plots

### 4.1 For LTE

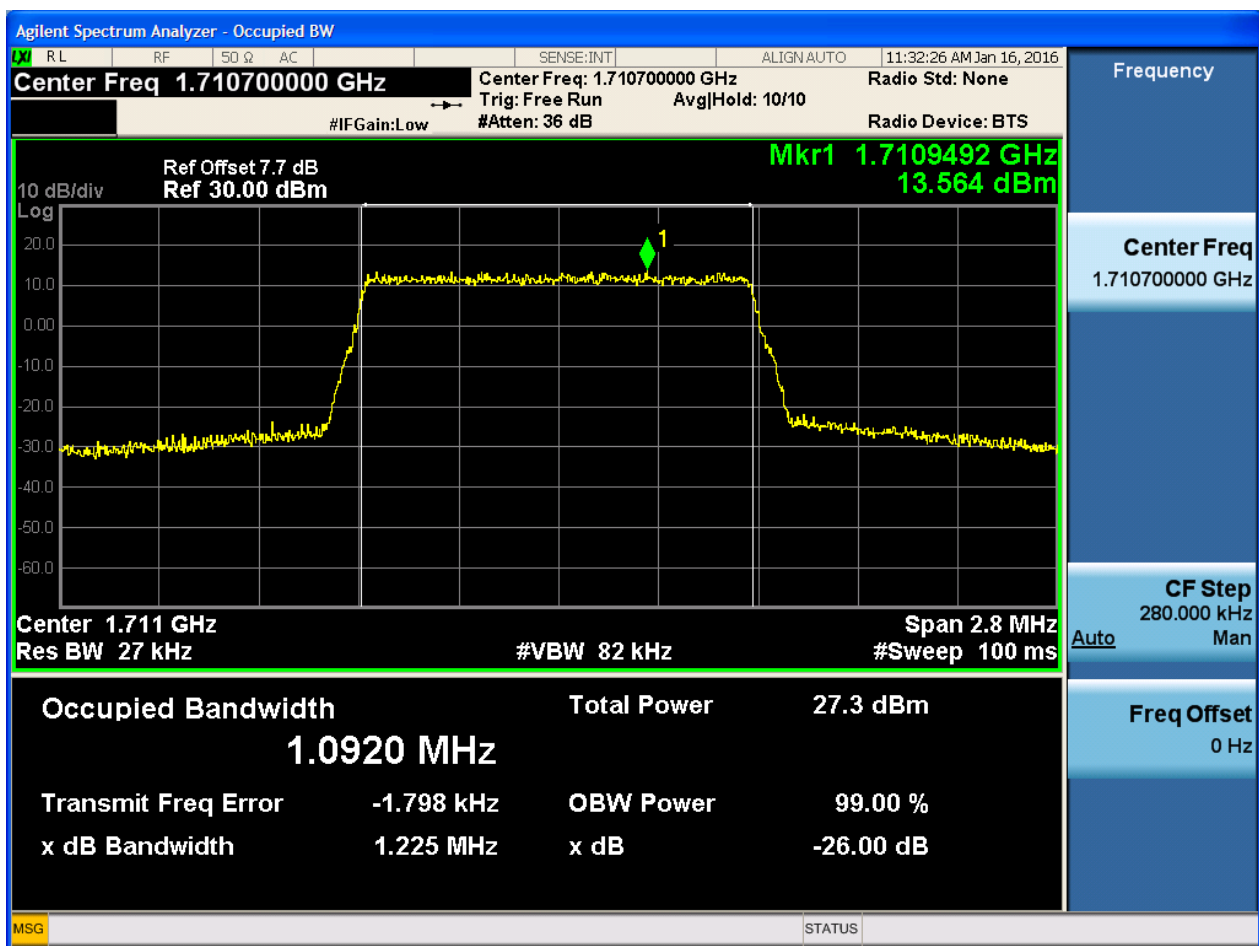
#### 4.1.1 Test Band = BAND4

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

##### 4.1.1.1.1 Test Bandwidth = 1.4

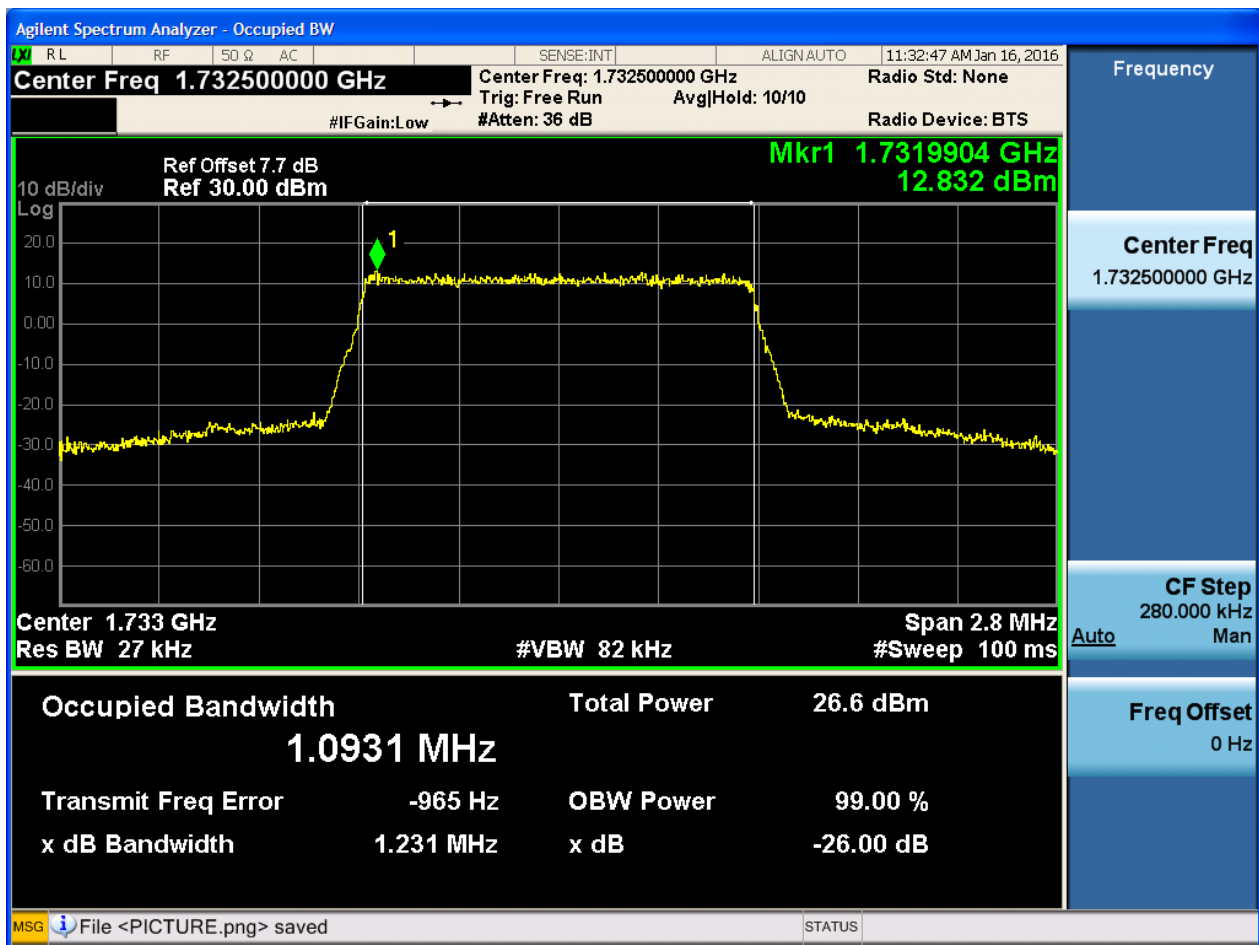
##### 4.1.1.1.1.1 Test Channel = LCH

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



#### 4.1.1.1.1.2 Test Channel = MCH

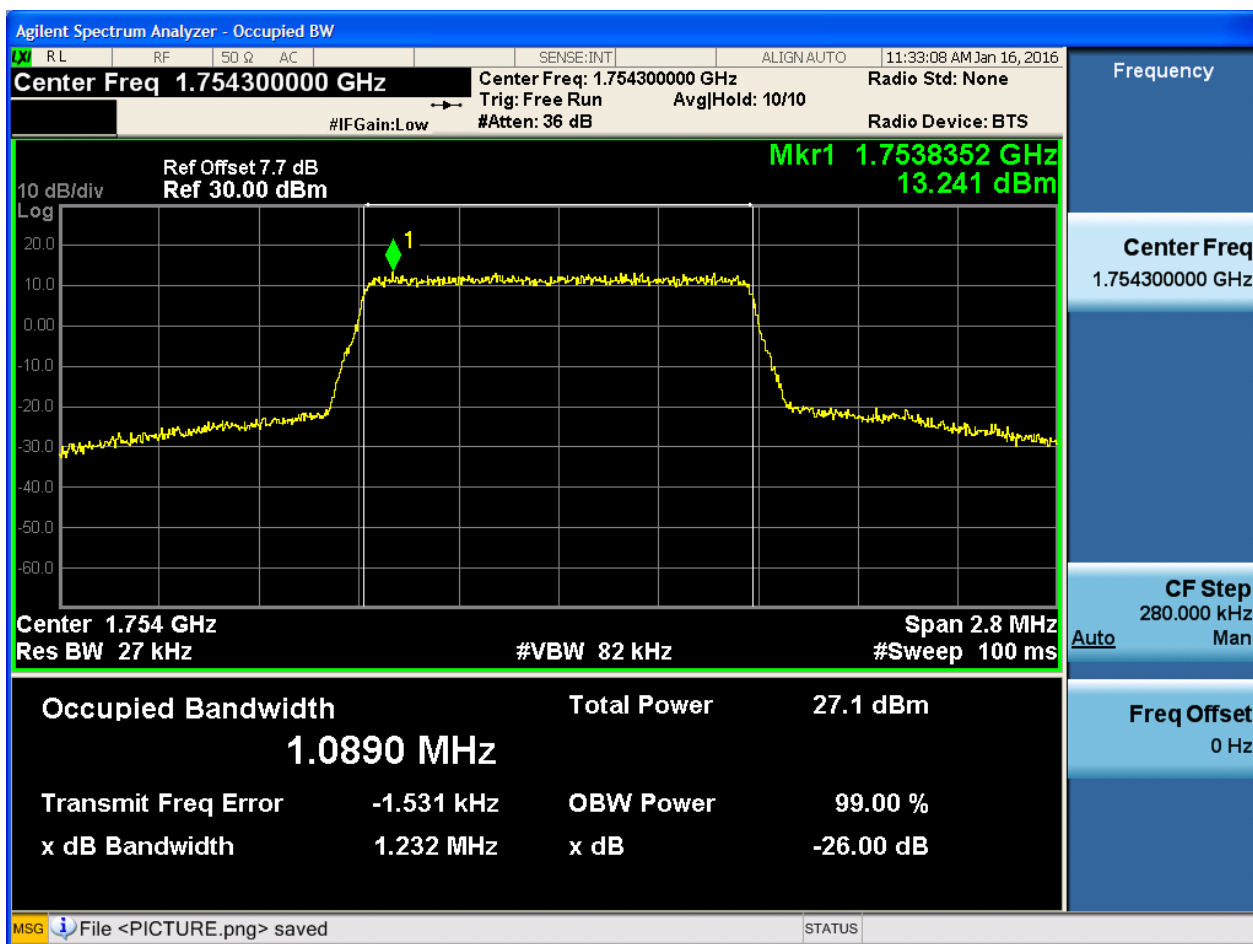
##### 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

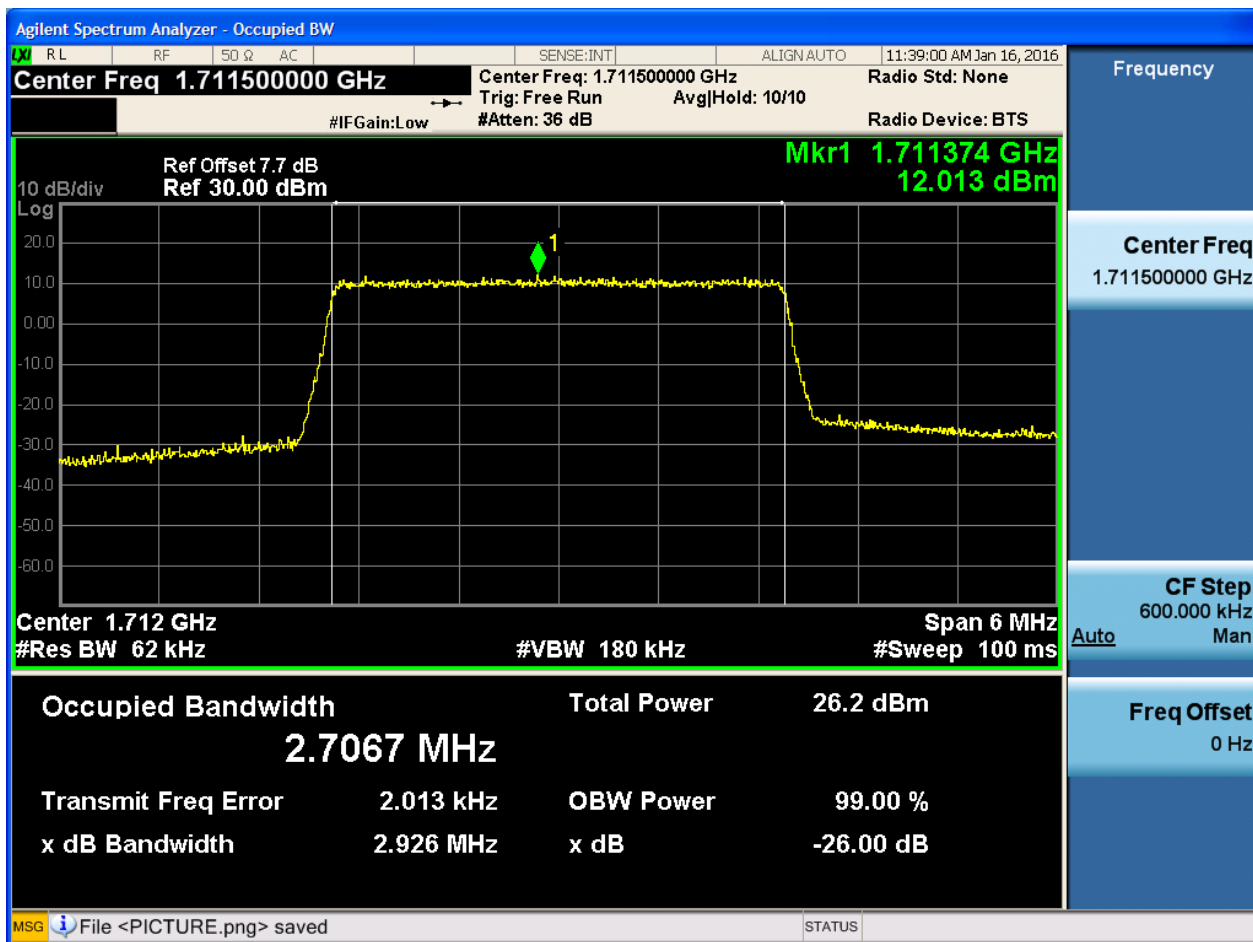
## 4.1.1.1.1.3.1 Test RB = RB6#0



#### 4.1.1.1.2 Test Bandwidth = 3

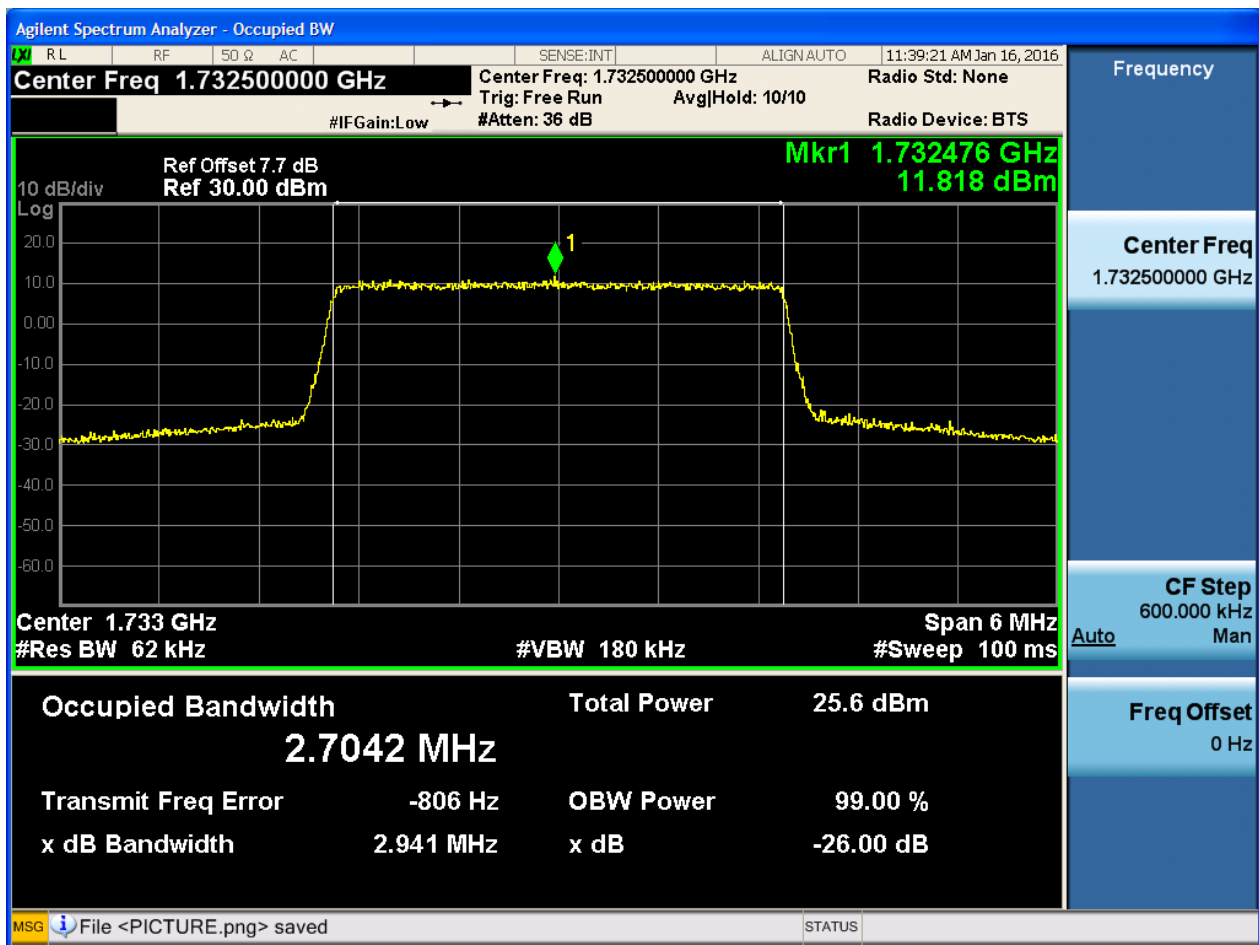
##### 4.1.1.1.2.1 Test Channel = LCH

##### 4.1.1.1.2.1.1 Test RB = RB15#0



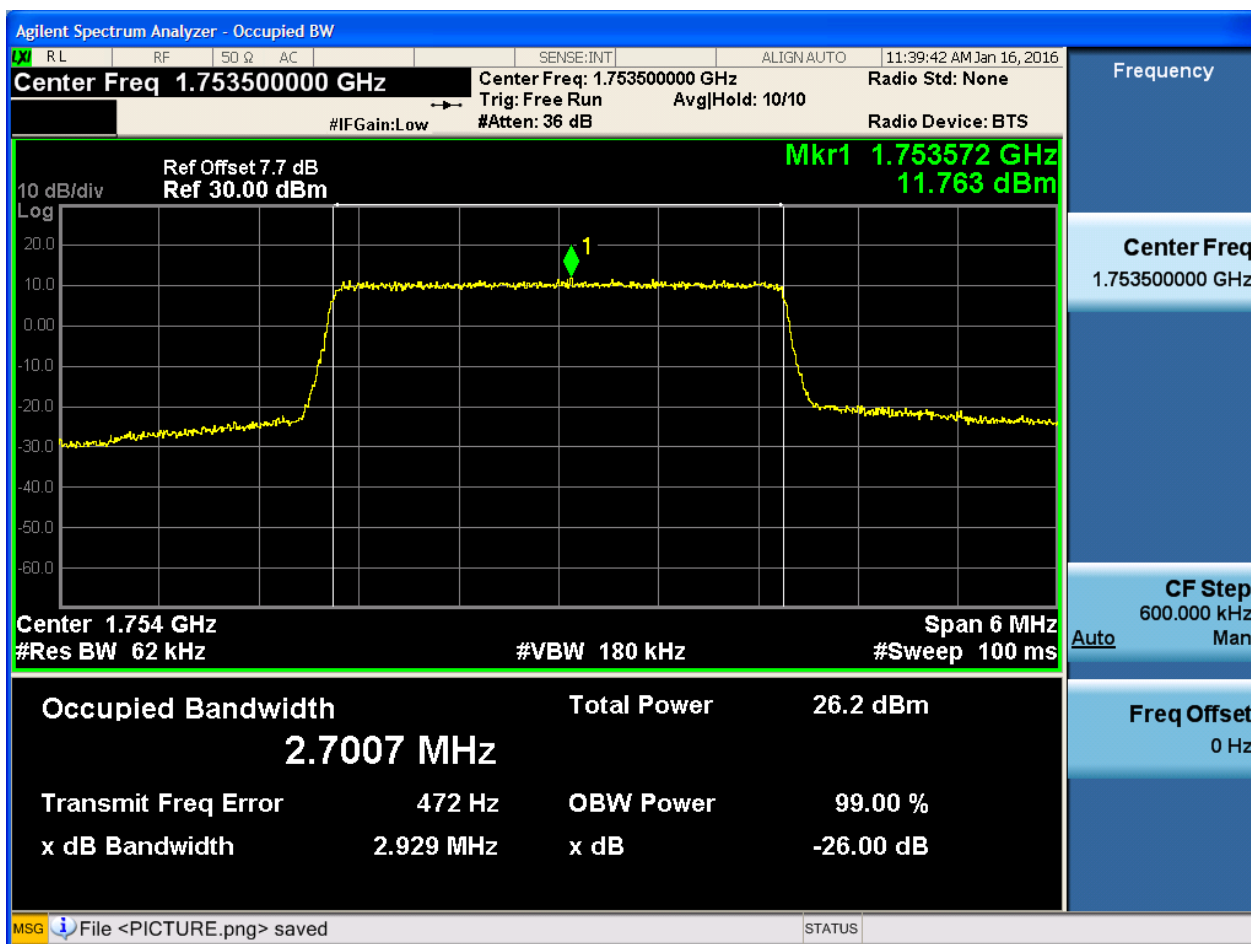
#### 4.1.1.1.2.2 Test Channel = MCH

##### 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

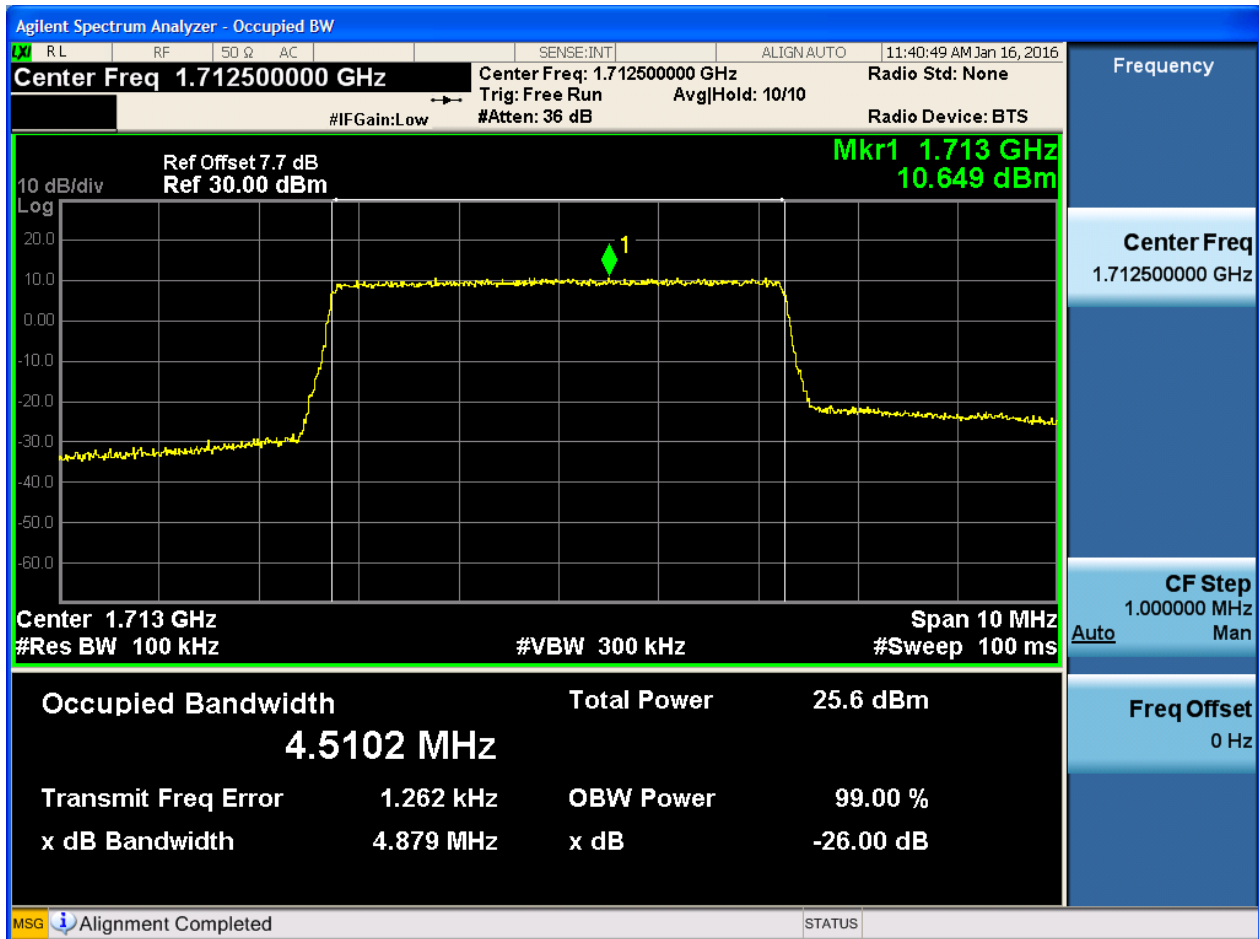




## 4.1.1.1.3 Test Bandwidth = 5

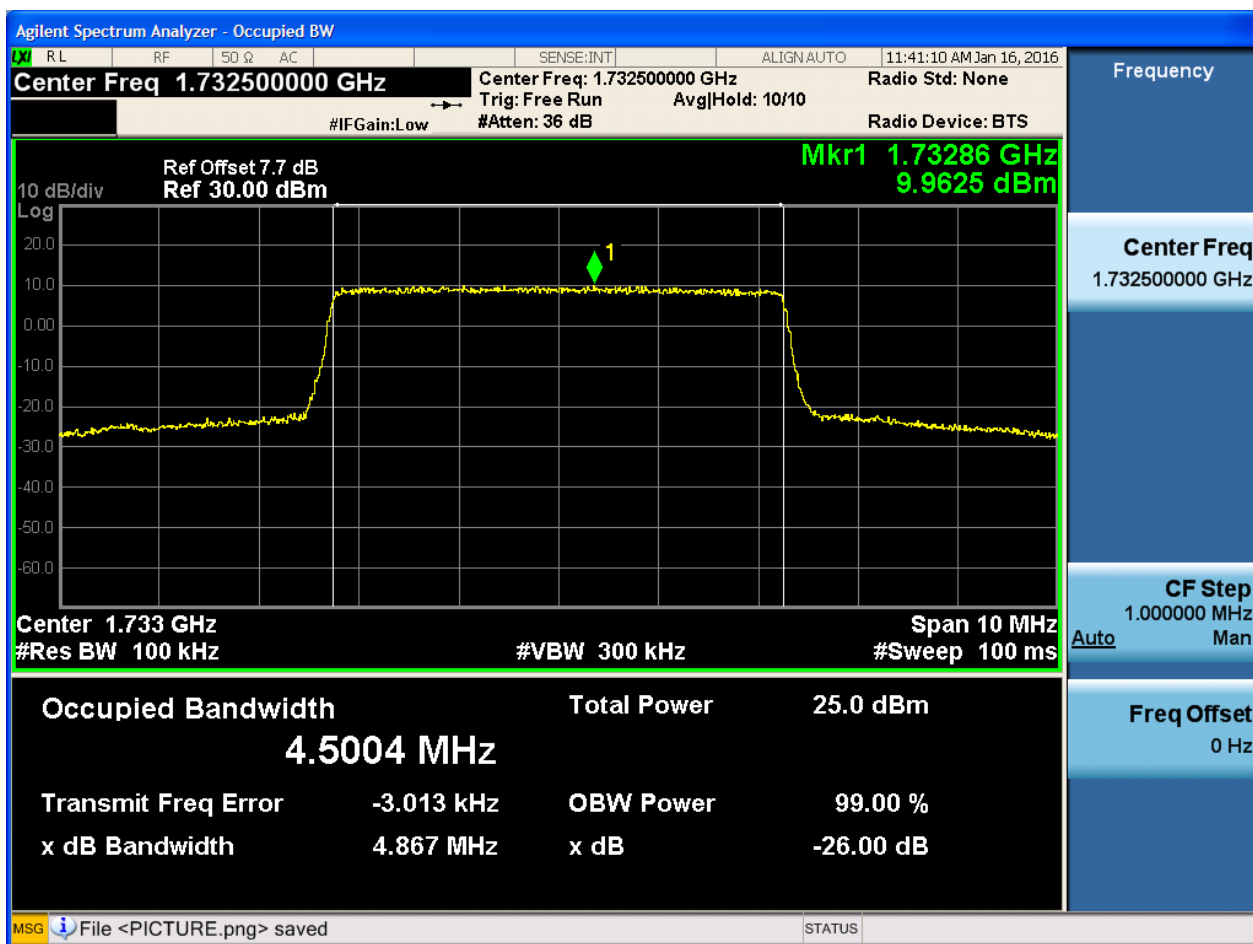
## 4.1.1.1.3.1 Test Channel = LCH

## 4.1.1.1.3.1.1 Test RB = RB25#0



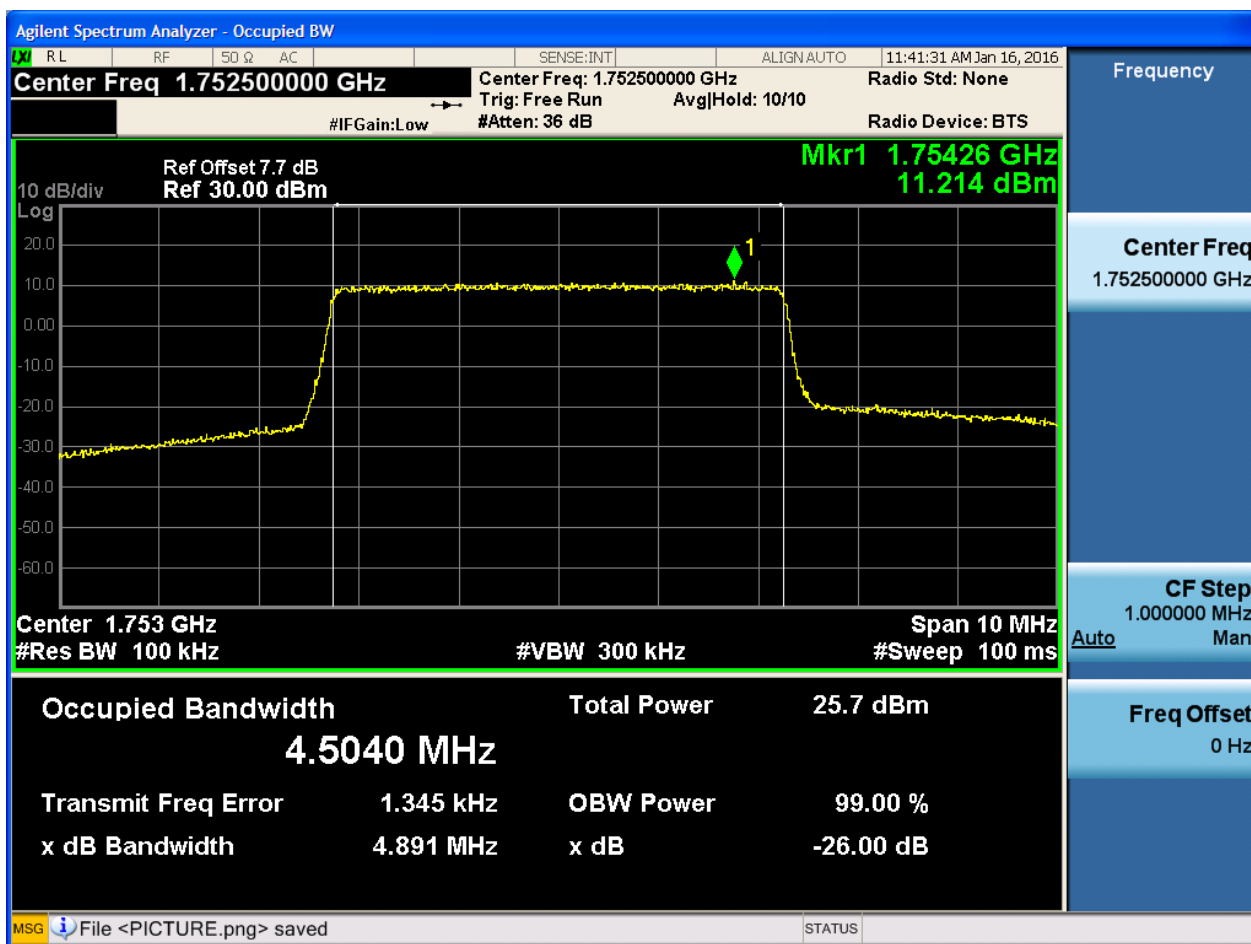
#### 4.1.1.1.3.2 Test Channel = MCH

##### 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

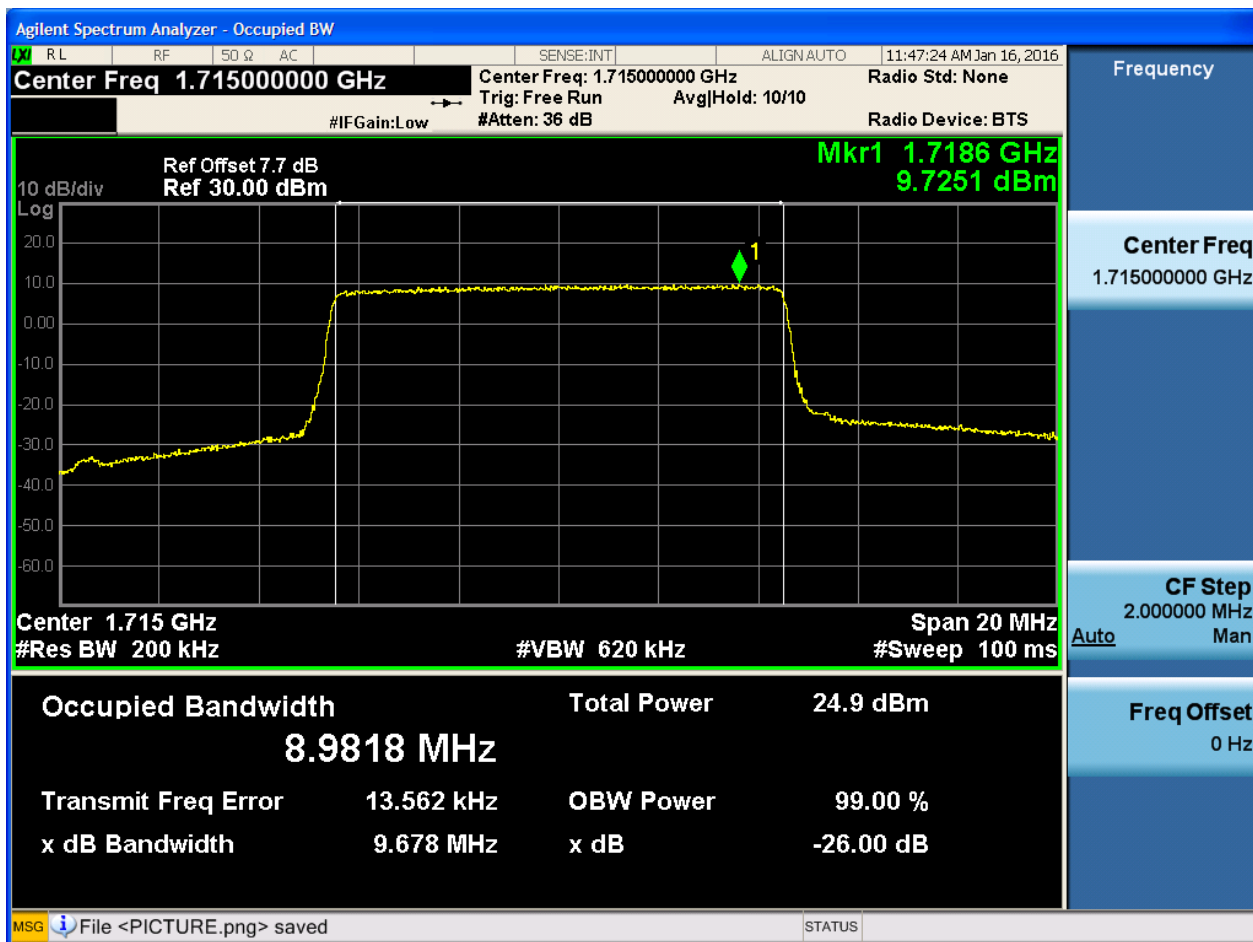




## 4.1.1.1.4 Test Bandwidth = 10

## 4.1.1.1.4.1 Test Channel = LCH

## 4.1.1.1.4.1.1 Test RB = RB50#0



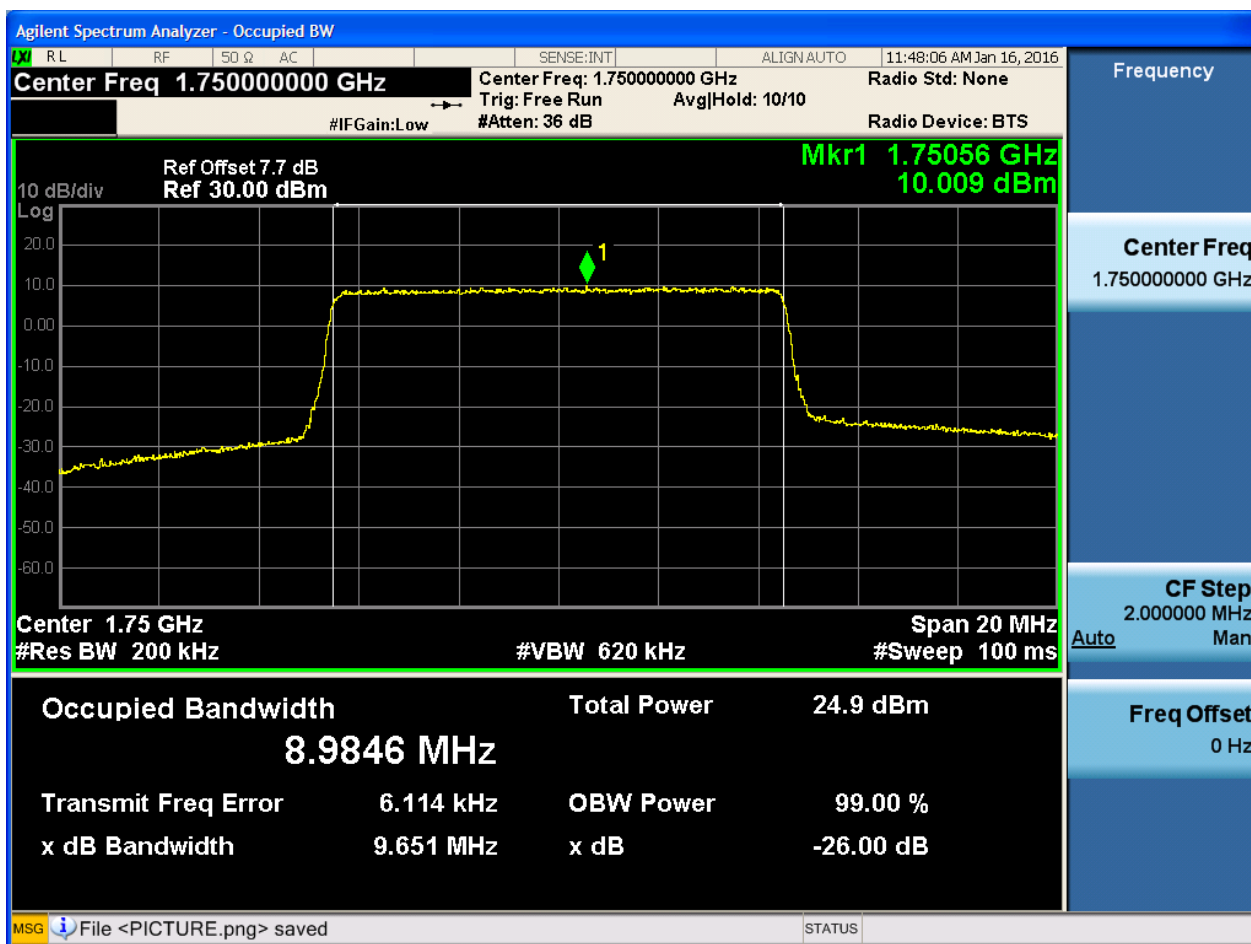
#### 4.1.1.1.4.2 Test Channel = MCH

##### 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

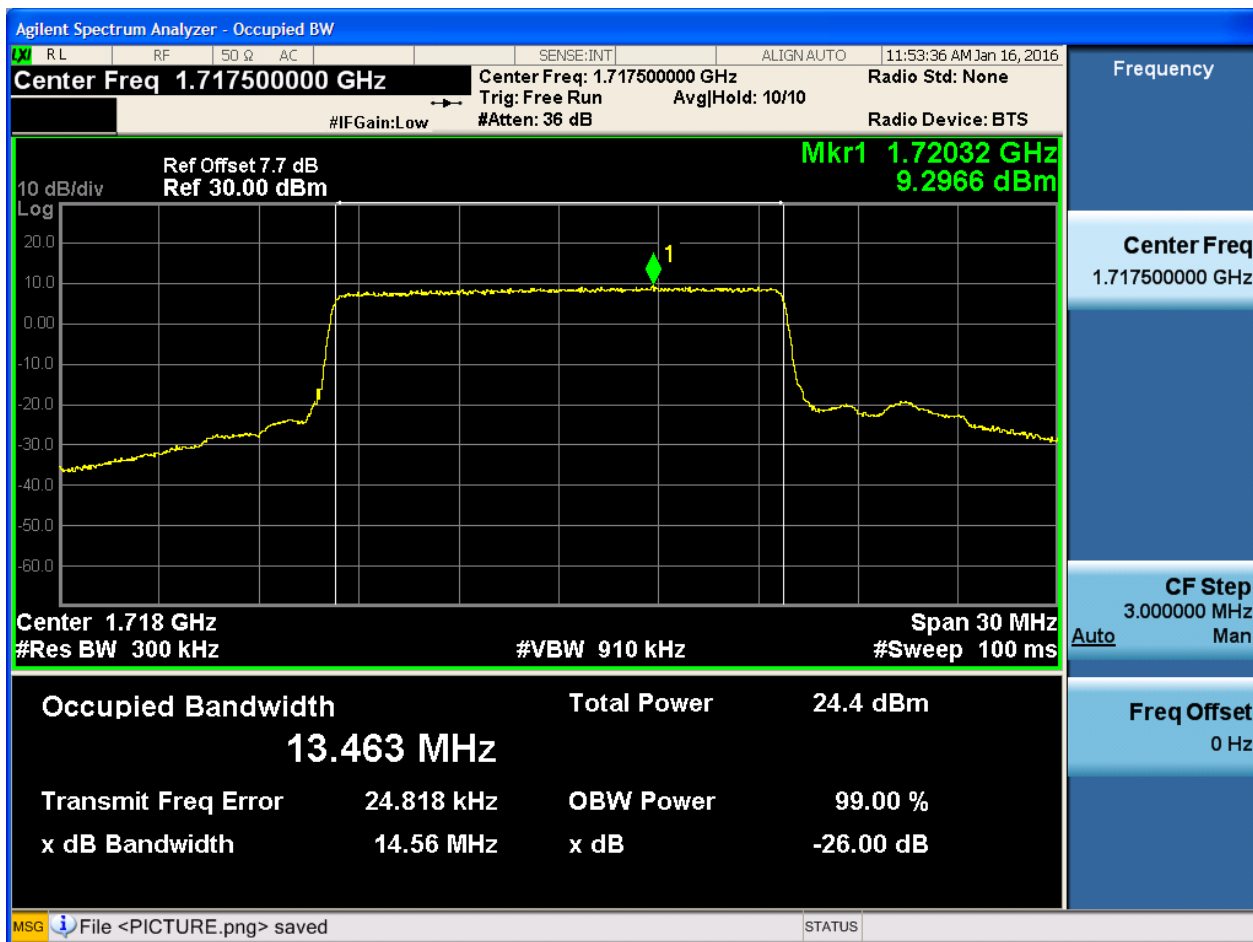




## 4.1.1.1.5 Test Bandwidth = 15

## 4.1.1.1.5.1 Test Channel = LCH

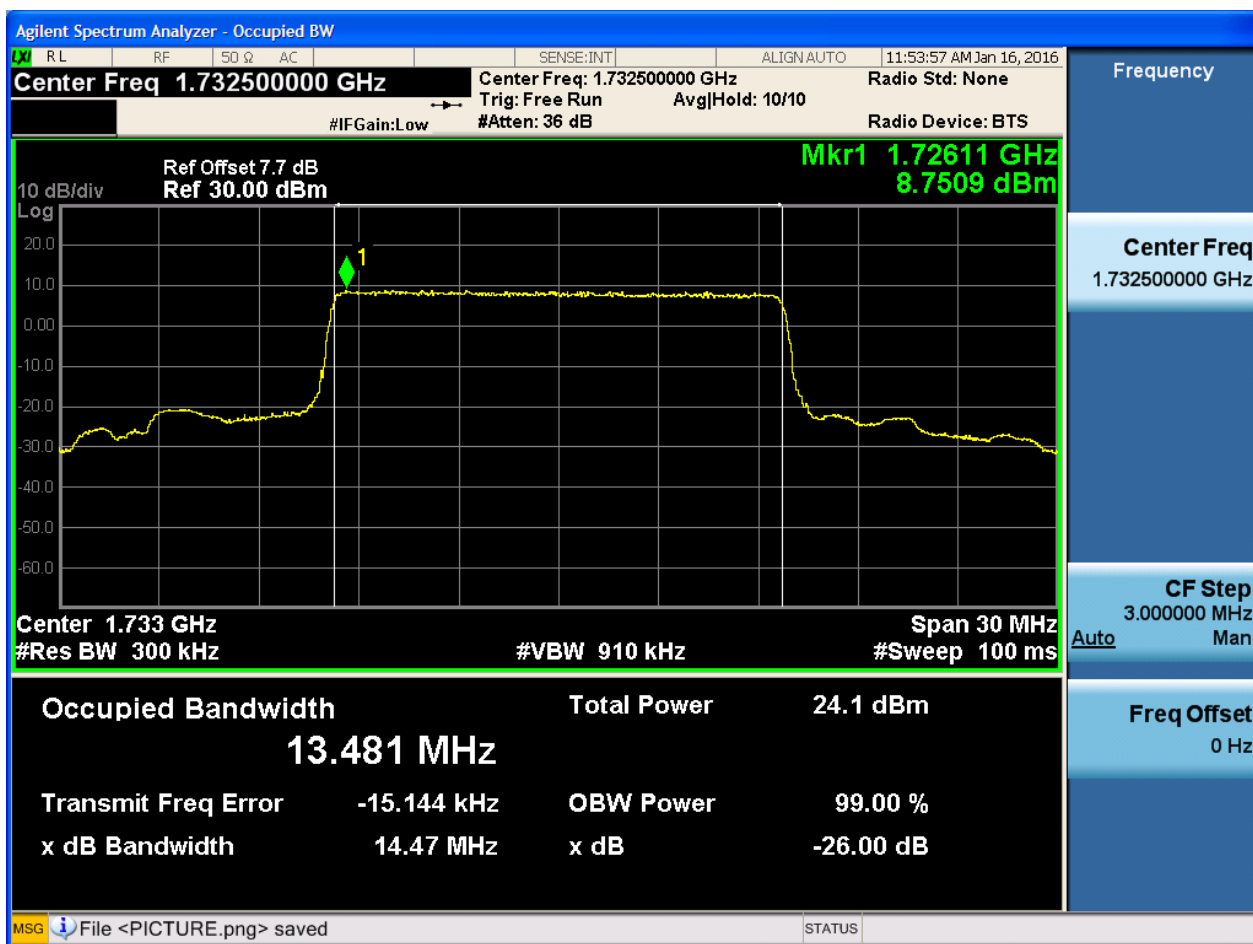
## 4.1.1.1.5.1.1 Test RB = RB75#0





## 4.1.1.1.5.2 Test Channel = MCH

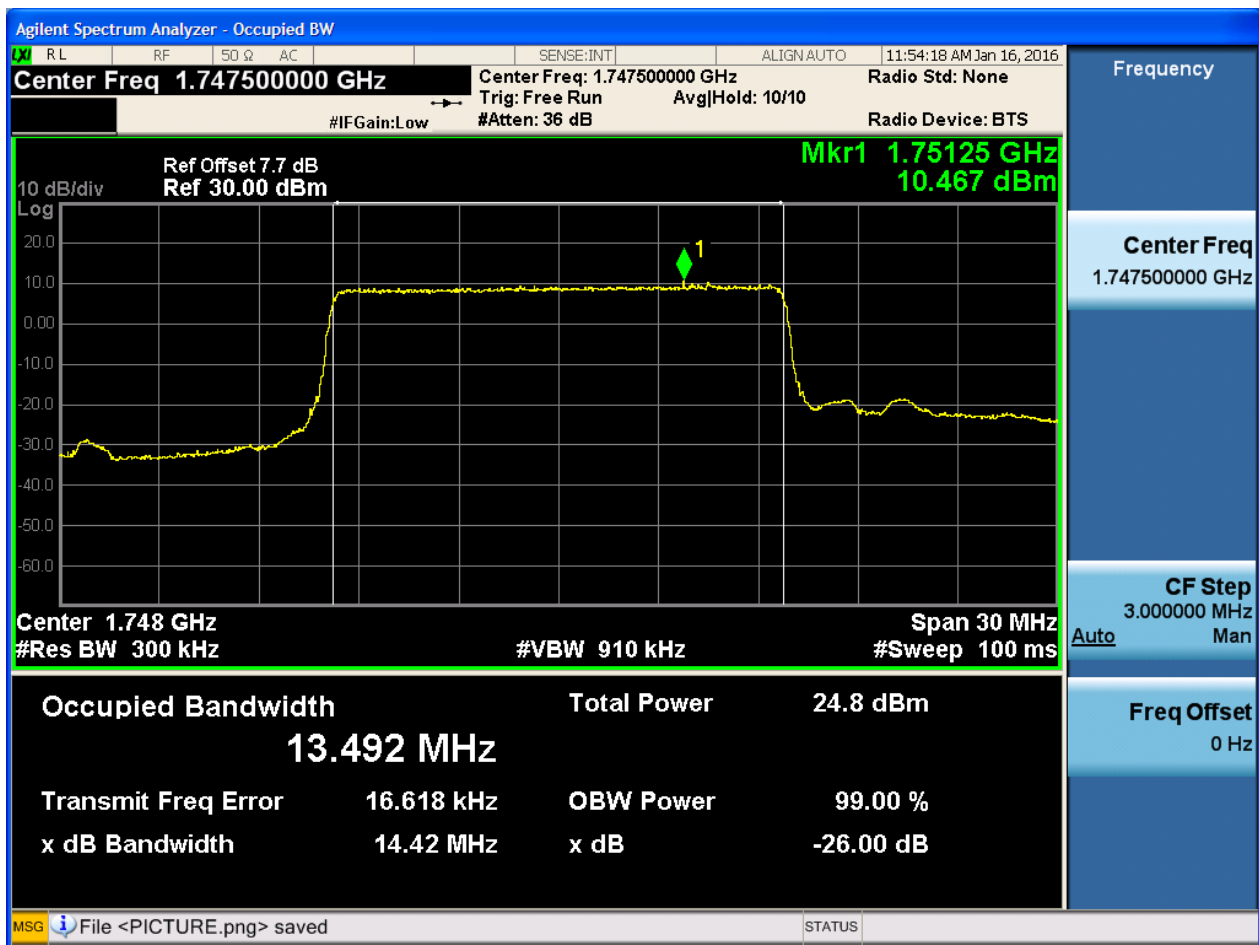
## 4.1.1.1.5.2.1 Test RB = RB75#0





## 4.1.1.1.5.3 Test Channel = HCH

## 4.1.1.1.5.3.1 Test RB = RB75#0

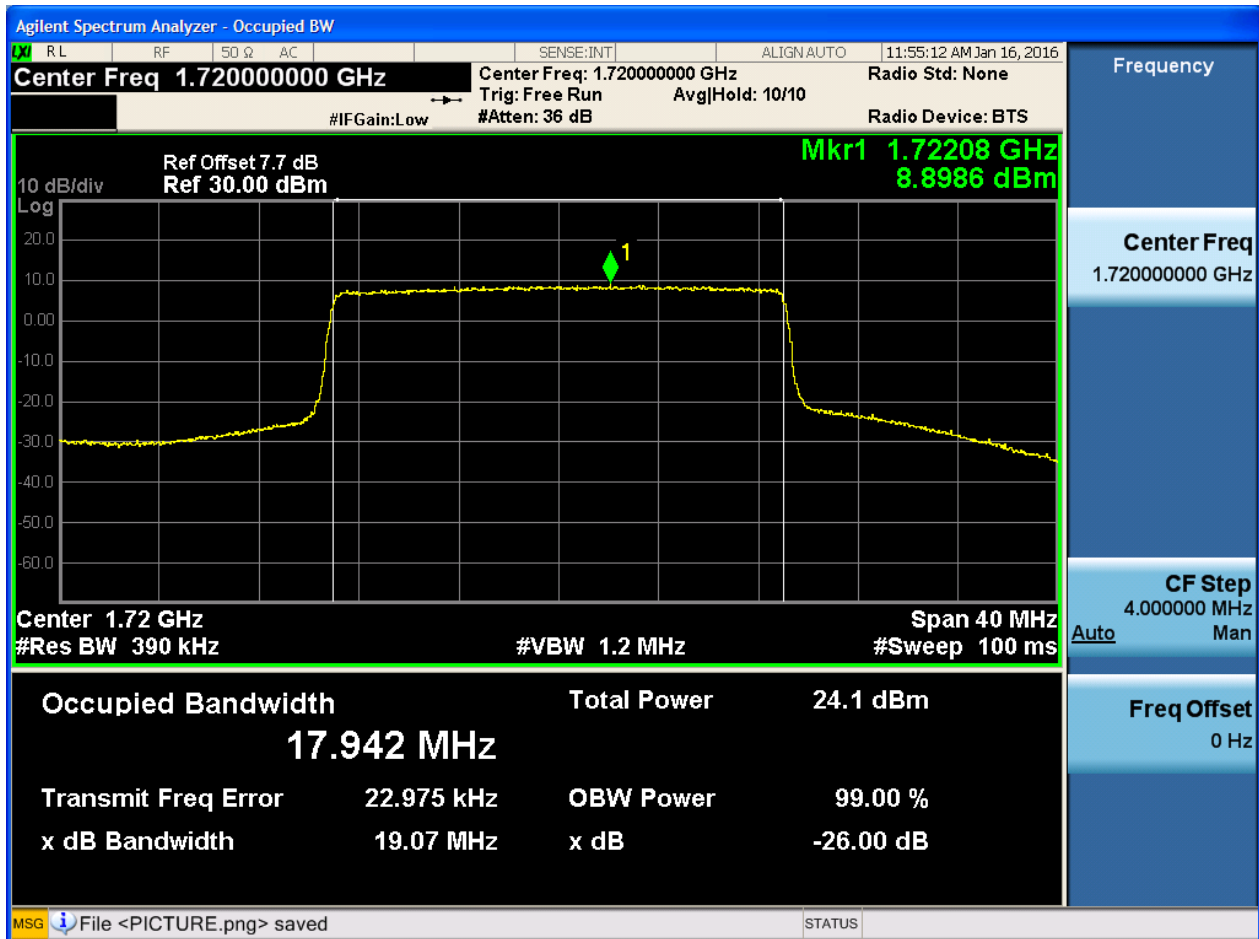




## 4.1.1.1.6 Test Bandwidth = 20

## 4.1.1.1.6.1 Test Channel = LCH

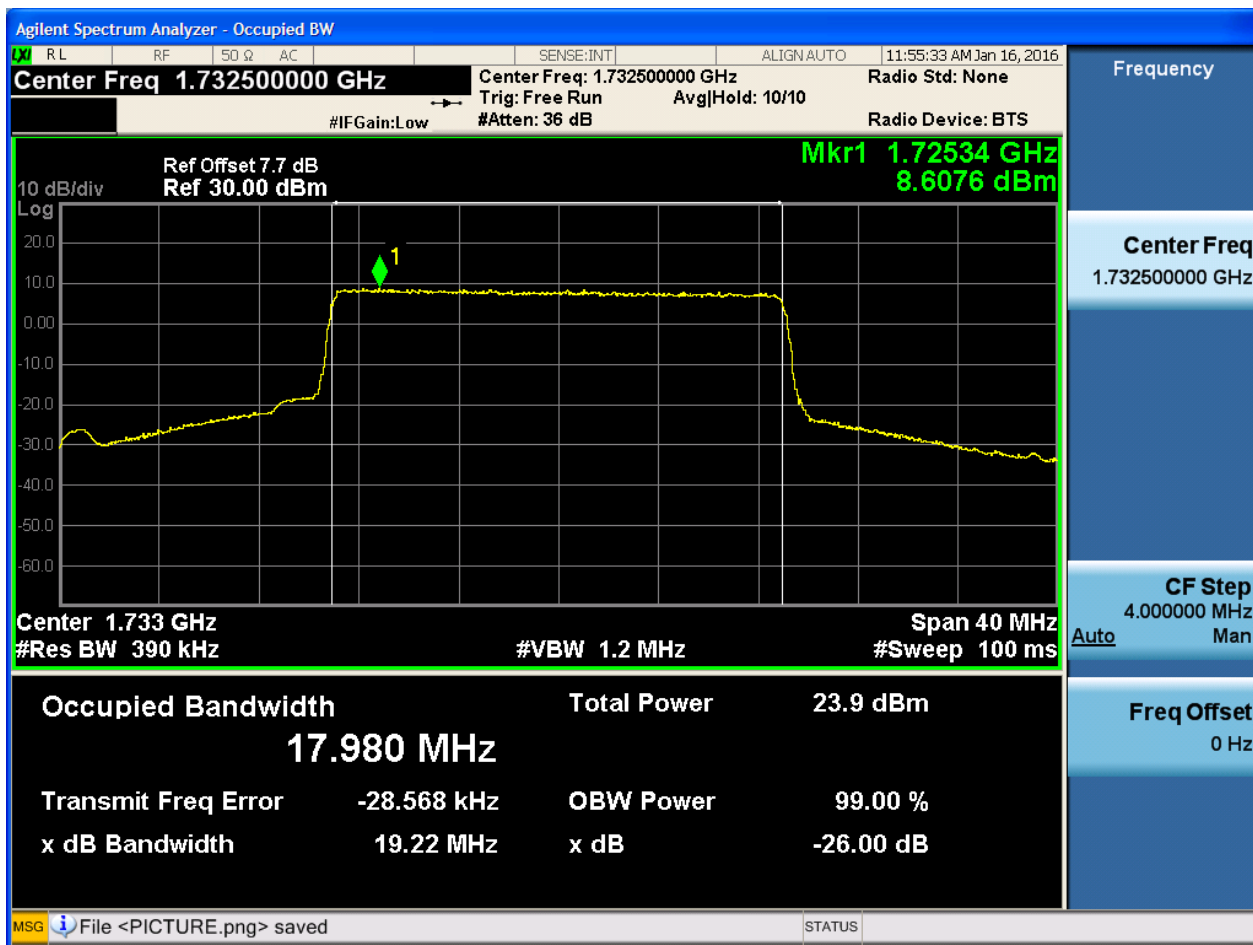
## 4.1.1.1.6.1.1 Test RB = RB100#0





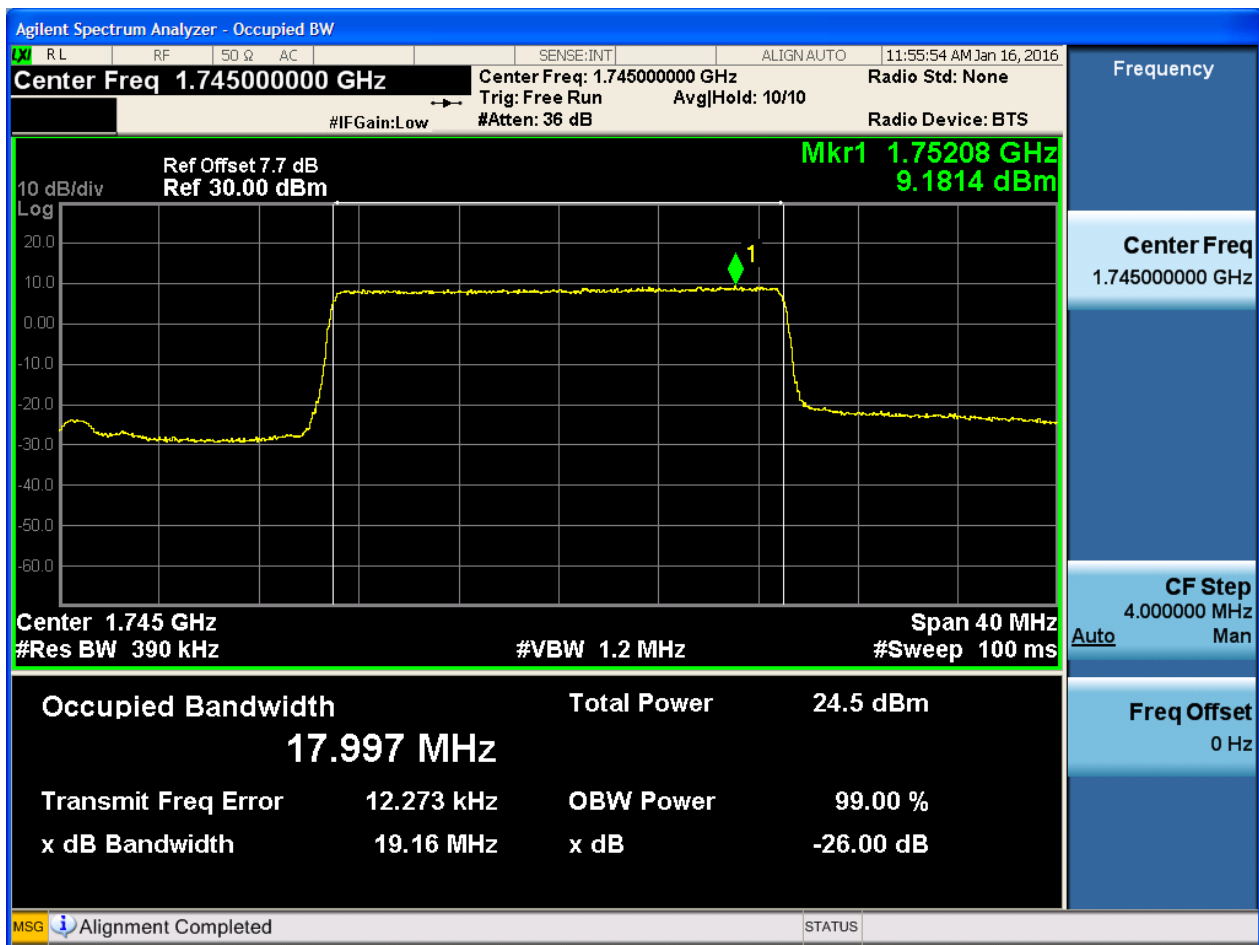
## 4.1.1.1.6.2 Test Channel = MCH

## 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



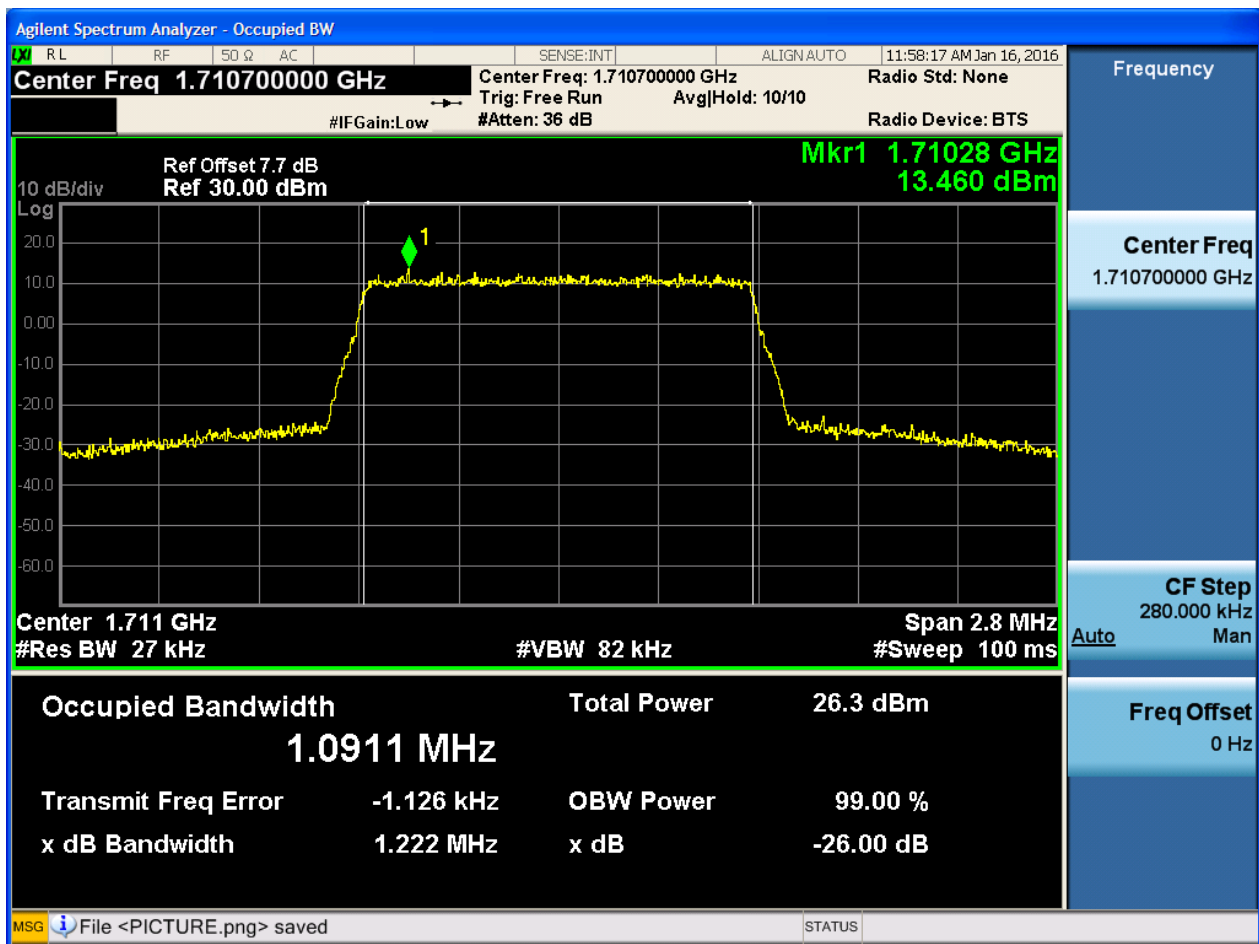


## 4.1.1.2 Test Mode = LTE/TM2

## 4.1.1.2.1 Test Bandwidth = 1.4

## 4.1.1.2.1.1 Test Channel = LCH

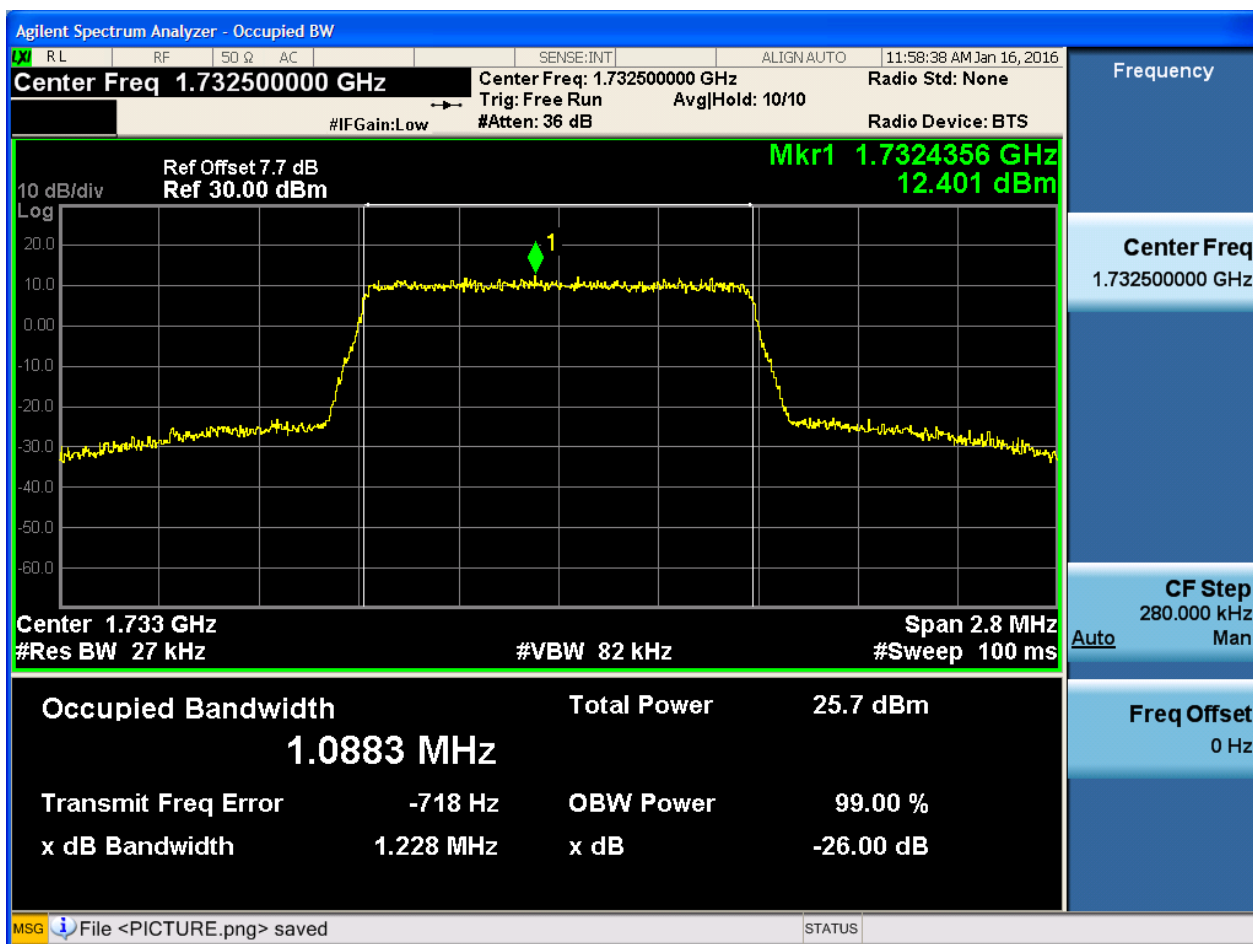
## 4.1.1.2.1.1.1 Test RB = RB6#0





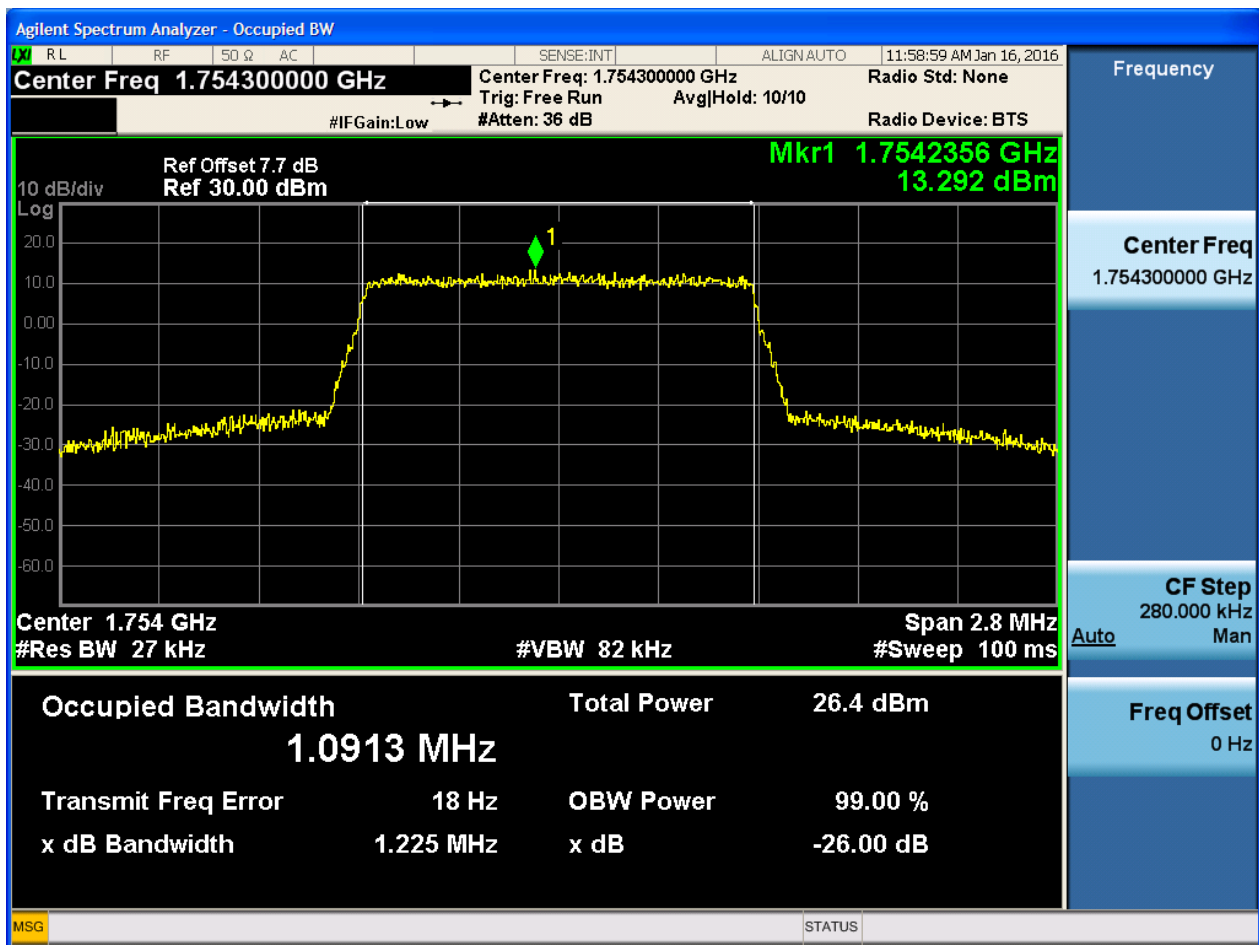
## 4.1.1.2.1.2 Test Channel = MCH

## 4.1.1.2.1.2.1 Test RB = RB6#0



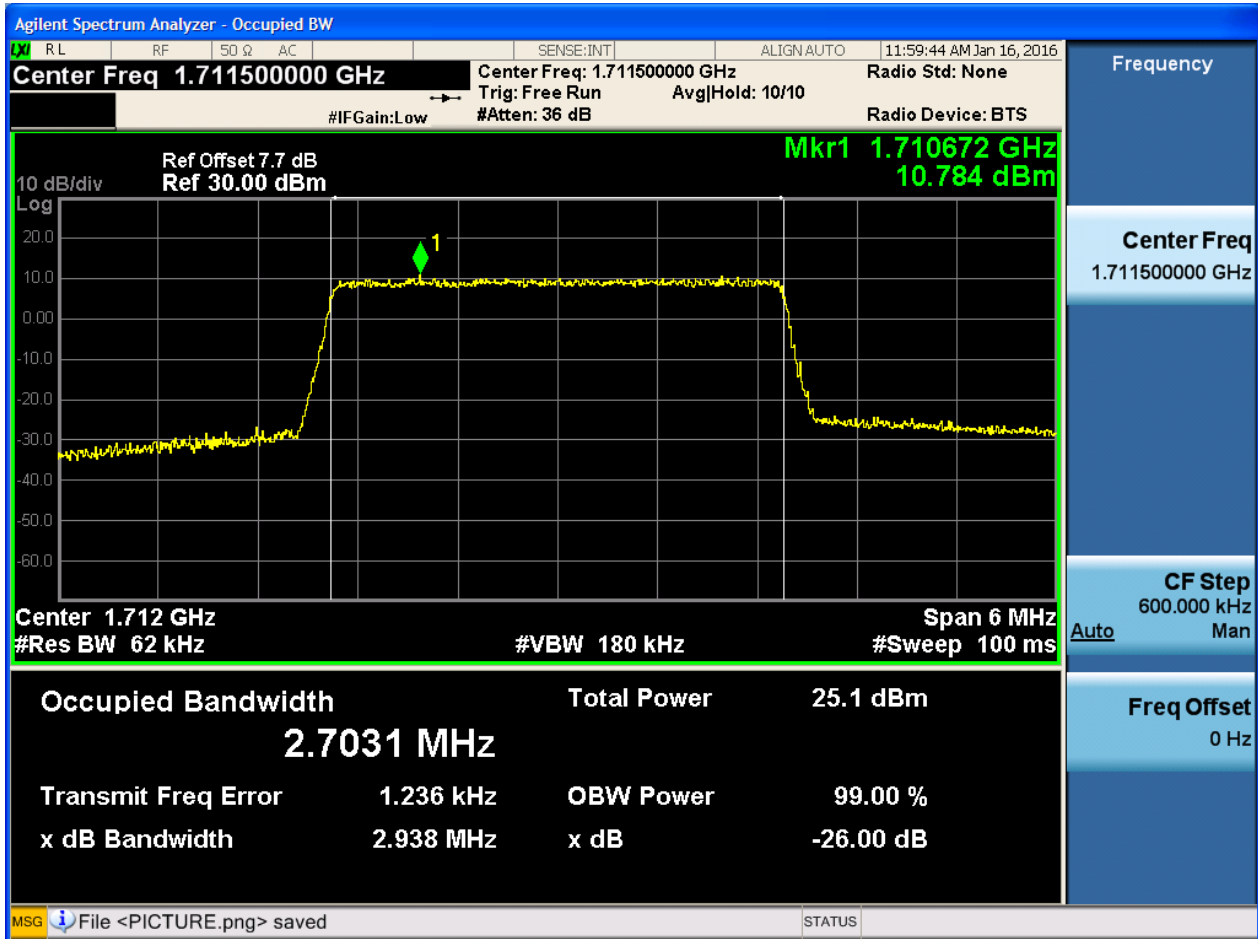
#### 4.1.1.2.1.3 Test Channel = HCH

##### 4.1.1.2.1.3.1 Test RB = RB6#0



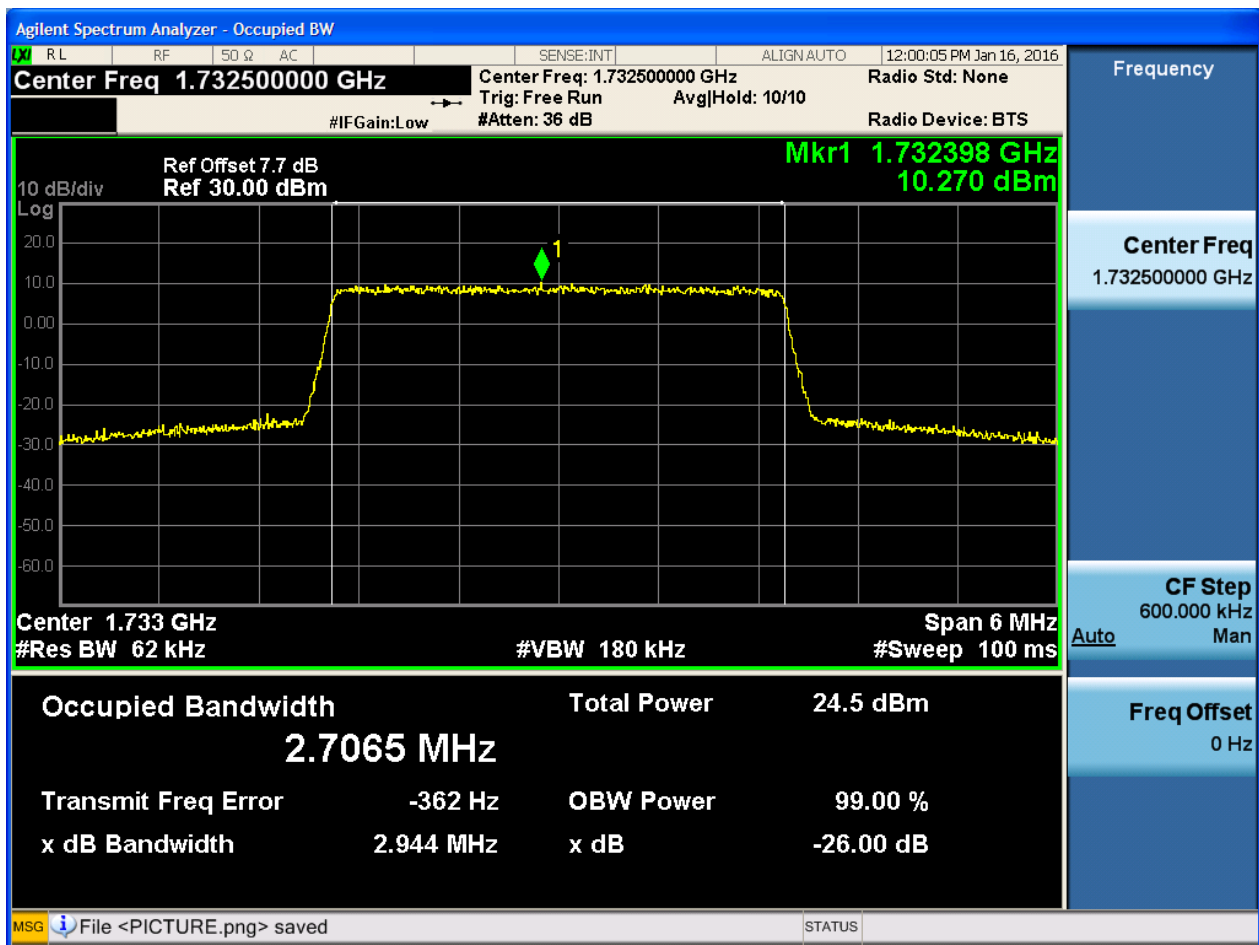


#### 4.1.1.2.2.1.1 Test RB = RB15#0



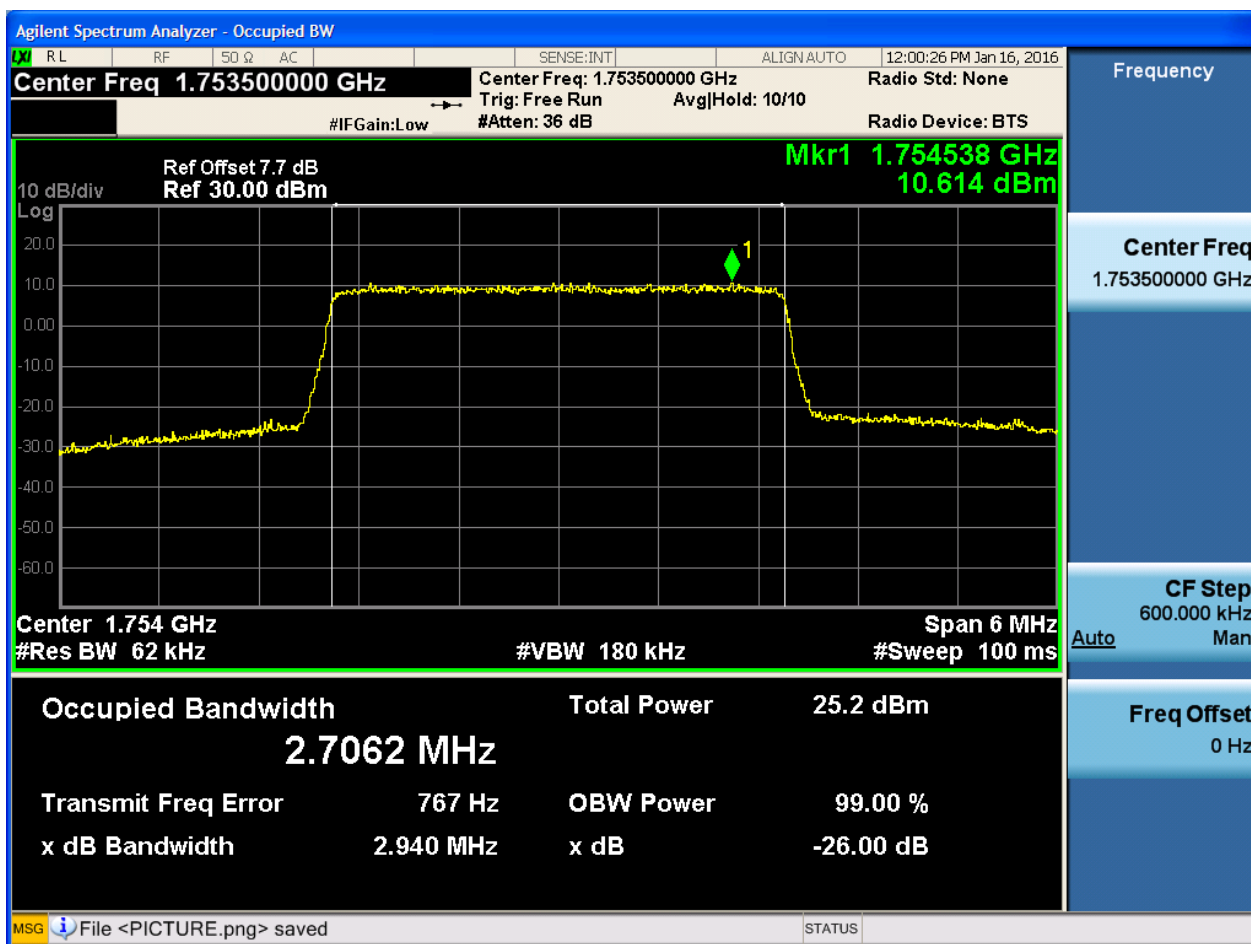
#### 4.1.1.2.2.2 Test Channel = MCH

##### 4.1.1.2.2.2.1 Test RB = RB15#0



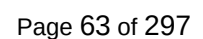
#### 4.1.1.2.2.3 Test Channel = HCH

##### 4.1.1.2.2.3.1 Test RB = RB15#0



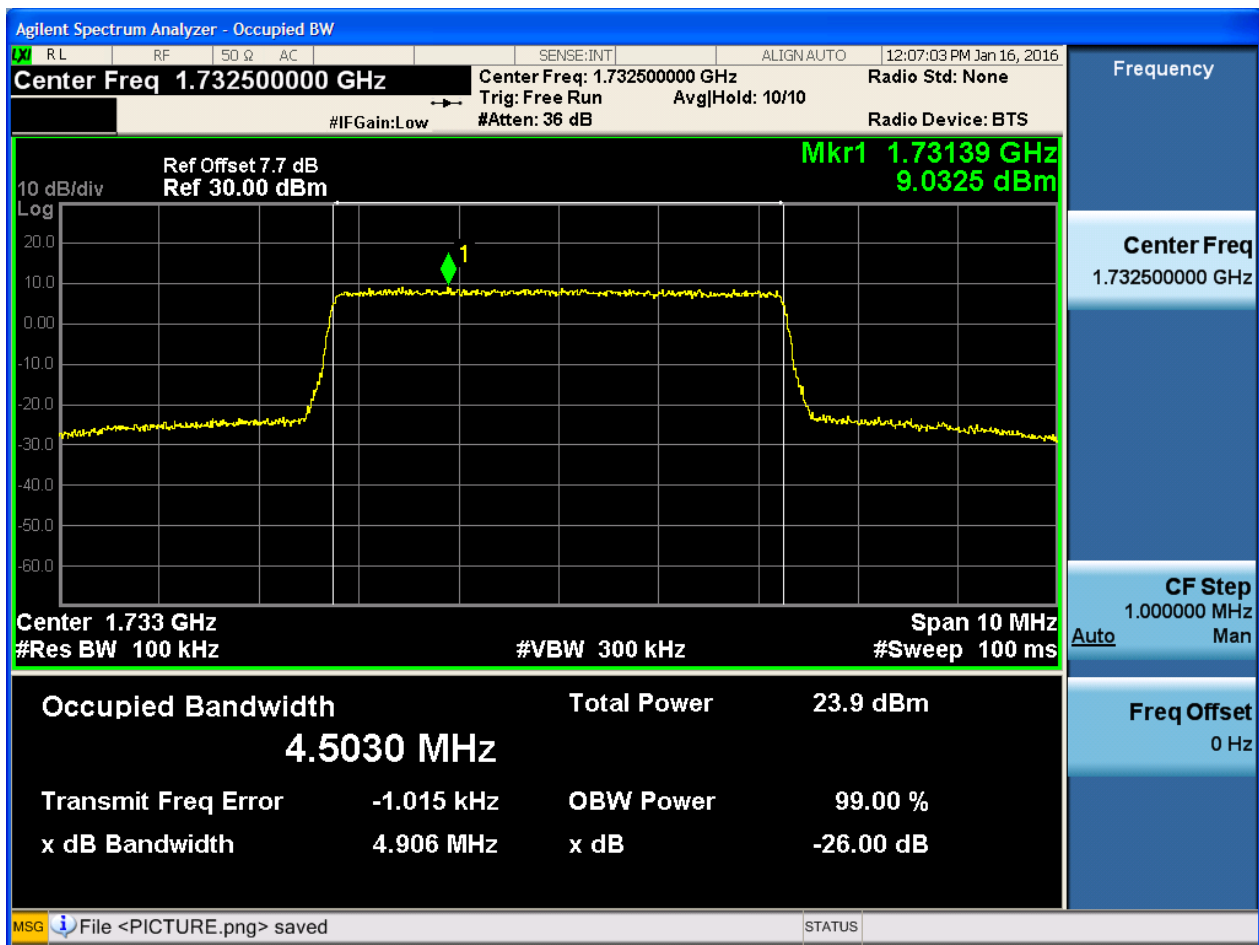


#### 4.1.1.2.3.1.1 Test RB = RB25#0



#### 4.1.1.2.3.2 Test Channel = MCH

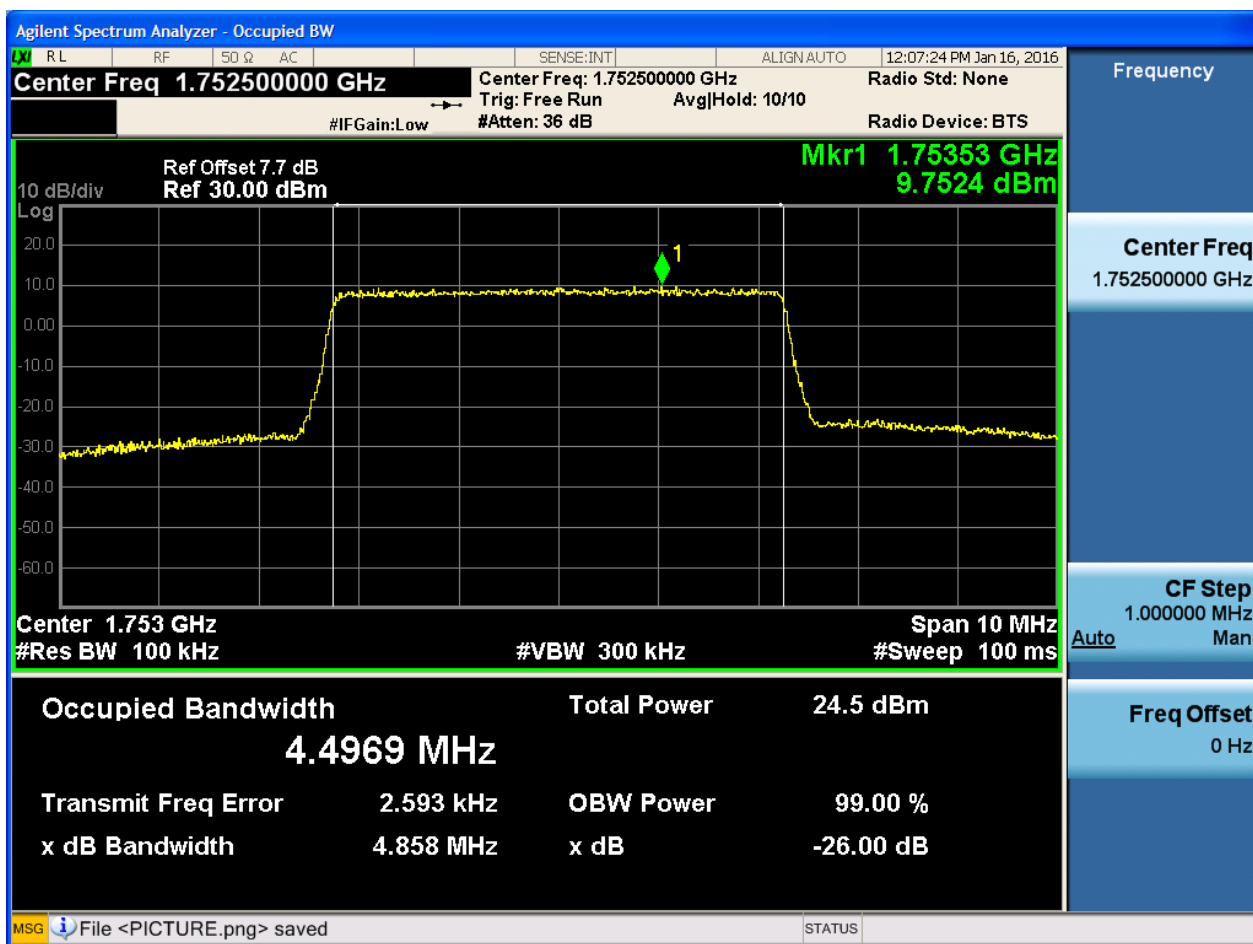
##### 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

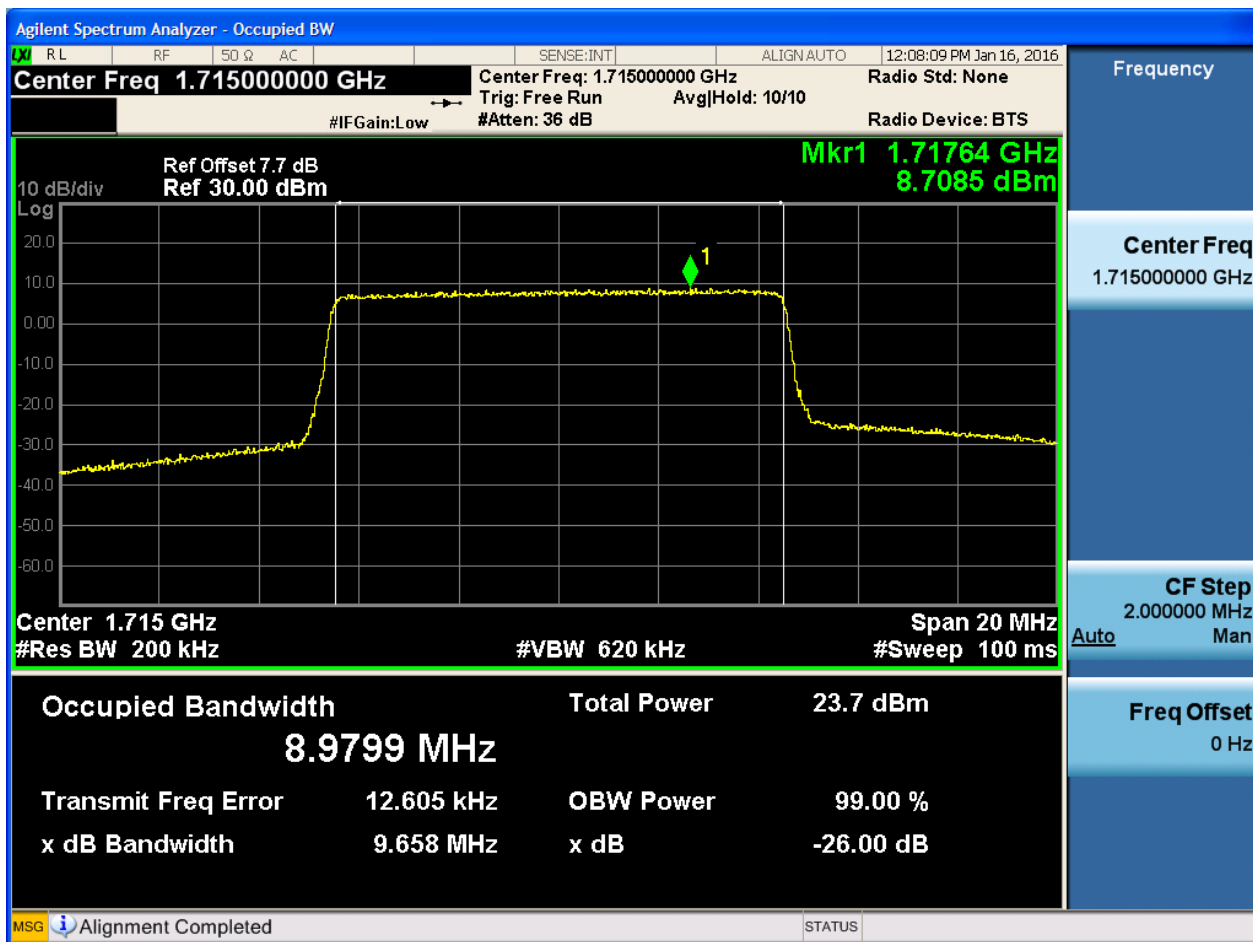




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH

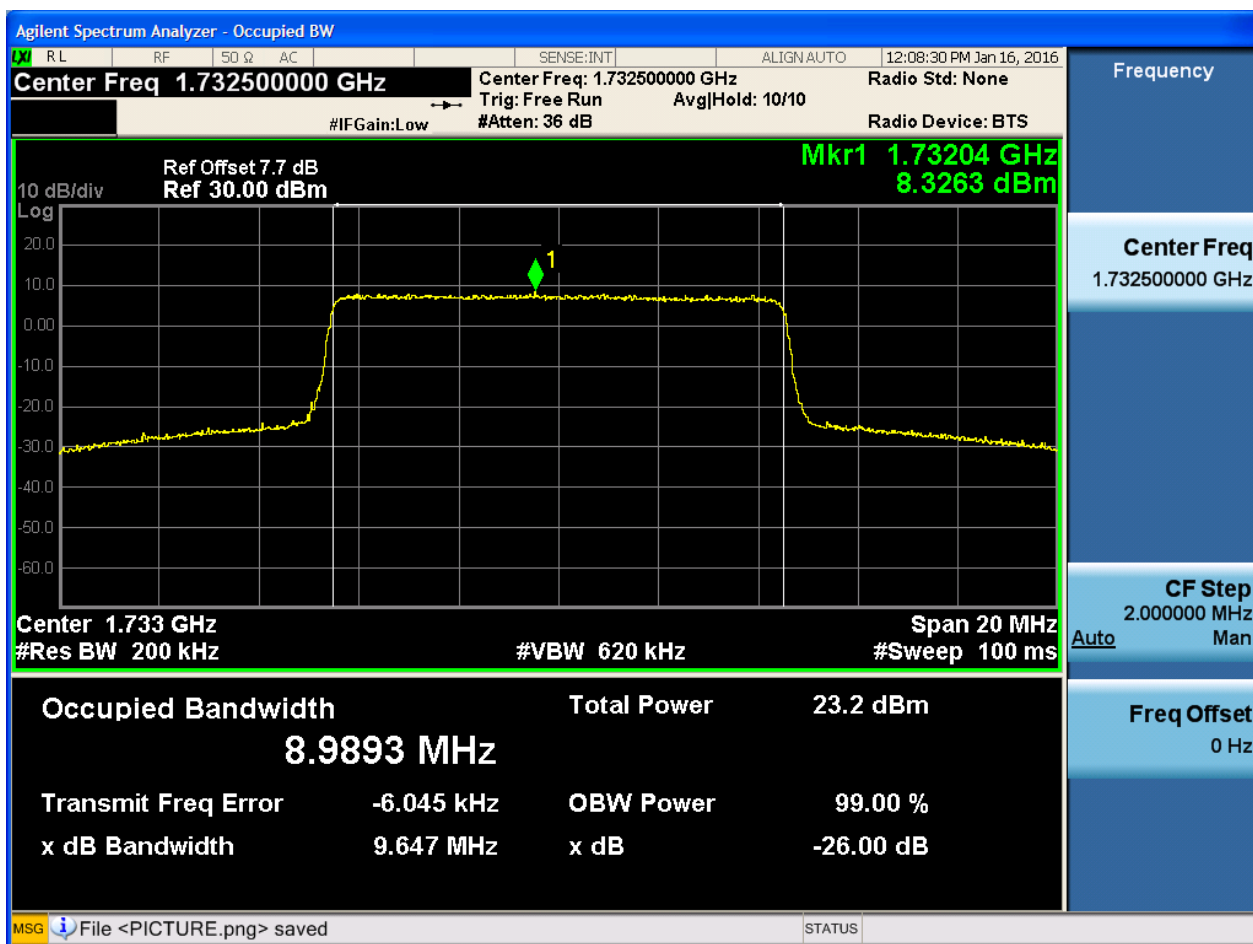
## 4.1.1.2.4.1.1 Test RB = RB50#0





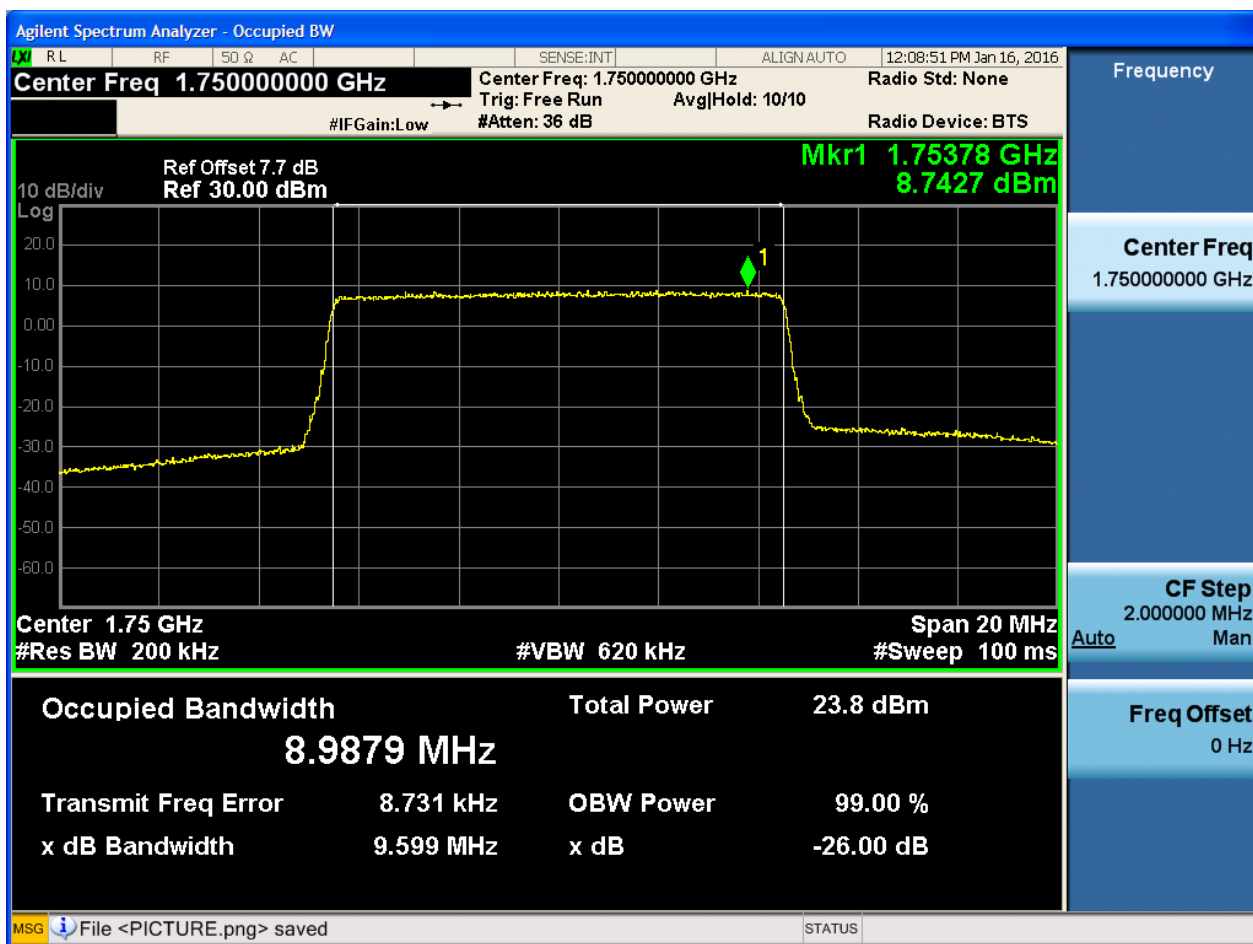
## 4.1.1.2.4.2 Test Channel = MCH

## 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

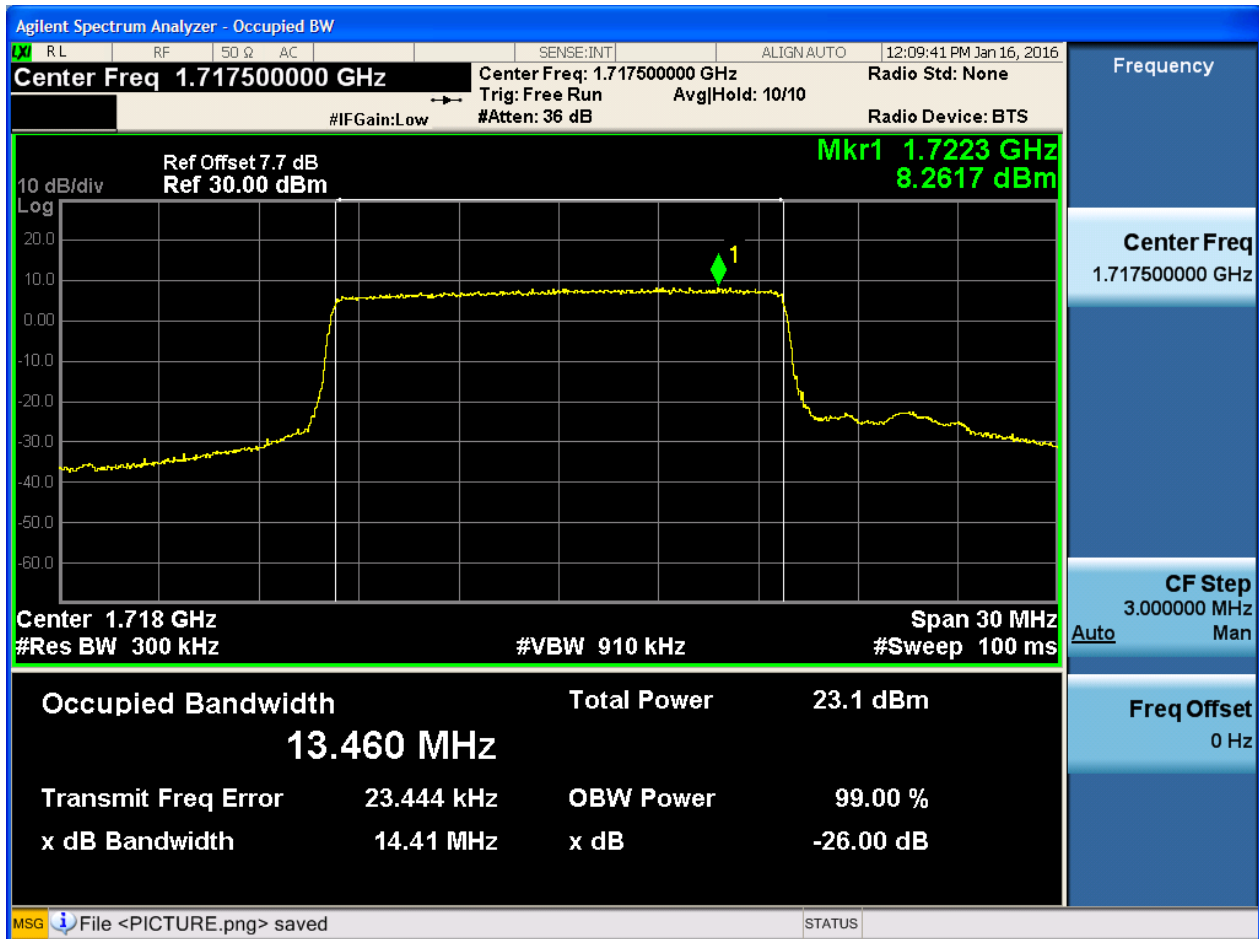




## 4.1.1.2.5 Test Bandwidth = 15

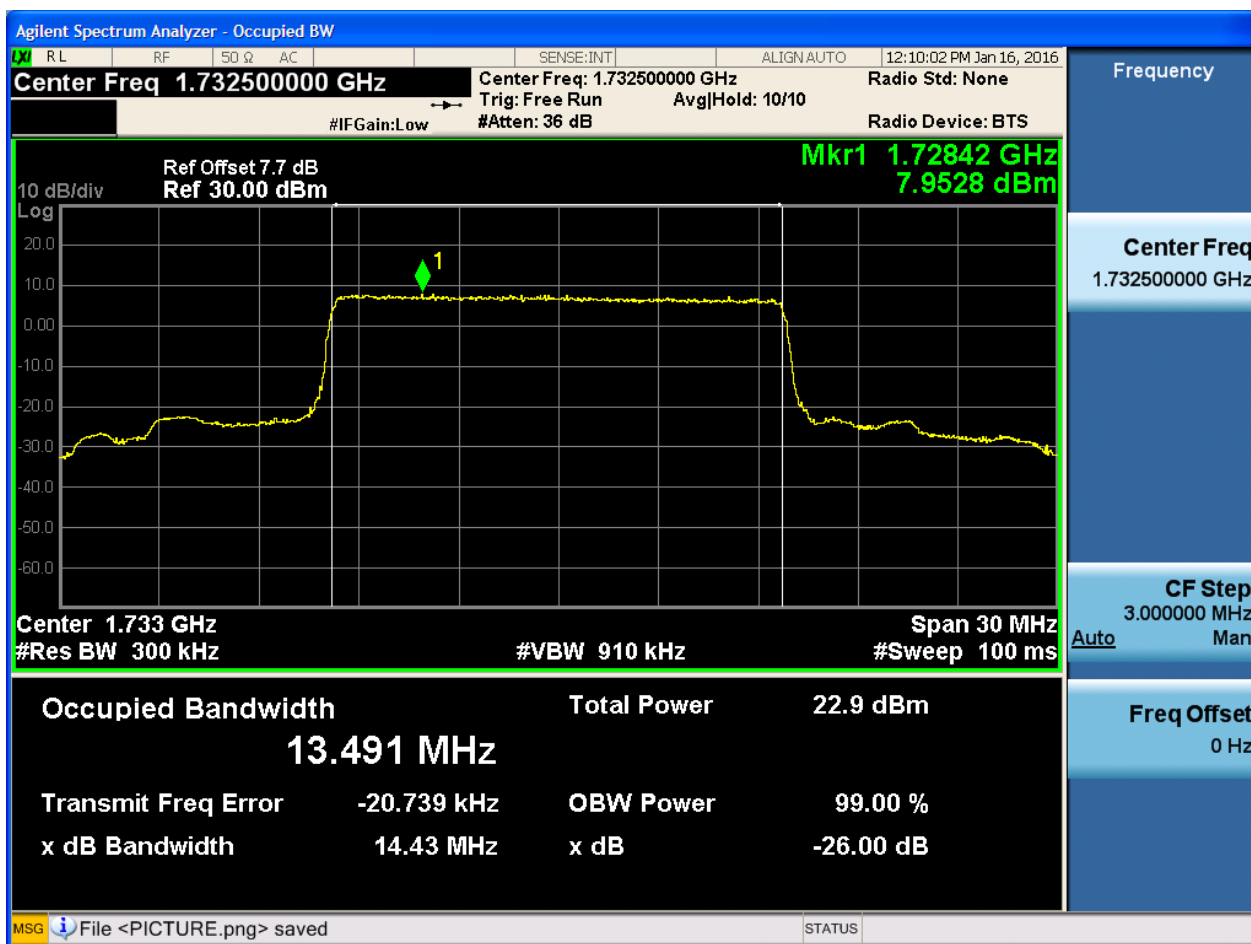
## 4.1.1.2.5.1 Test Channel = LCH

## 4.1.1.2.5.1.1 Test RB = RB75#0



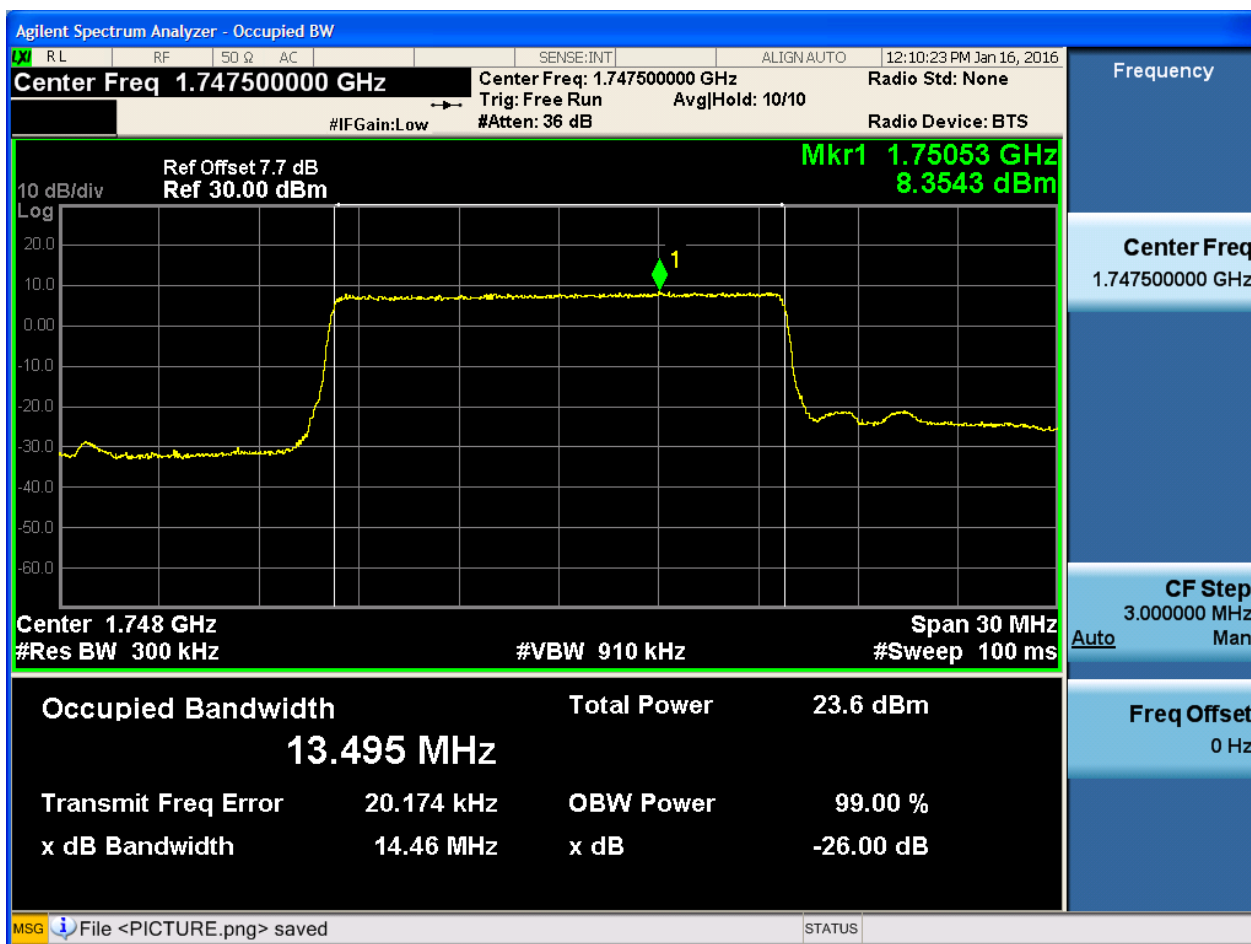
#### 4.1.1.2.5.2 Test Channel = MCH

##### 4.1.1.2.5.2.1 Test RB = RB75#0



#### 4.1.1.2.5.3 Test Channel = HCH

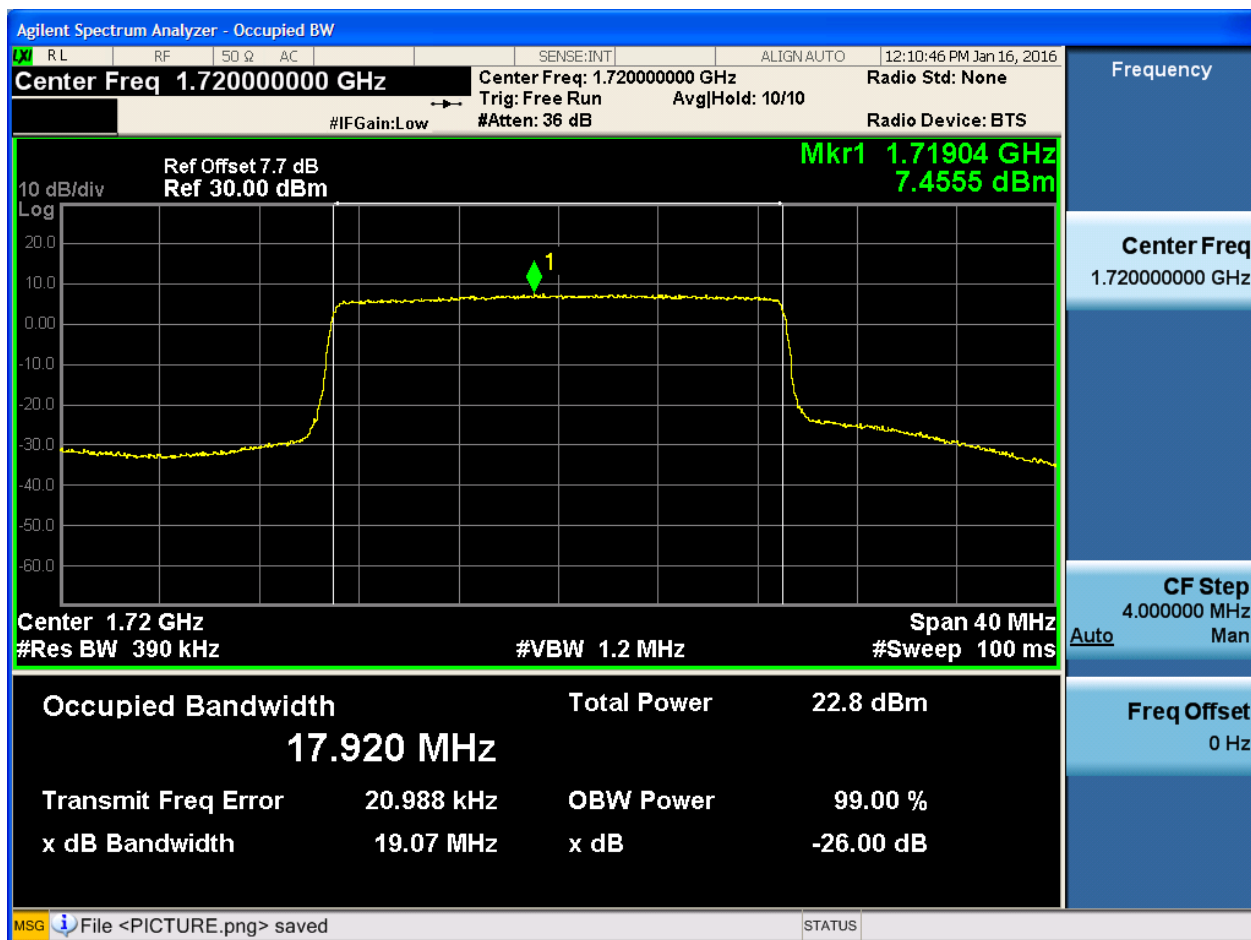
##### 4.1.1.2.5.3.1 Test RB = RB75#0



#### 4.1.1.2.6 Test Bandwidth = 20

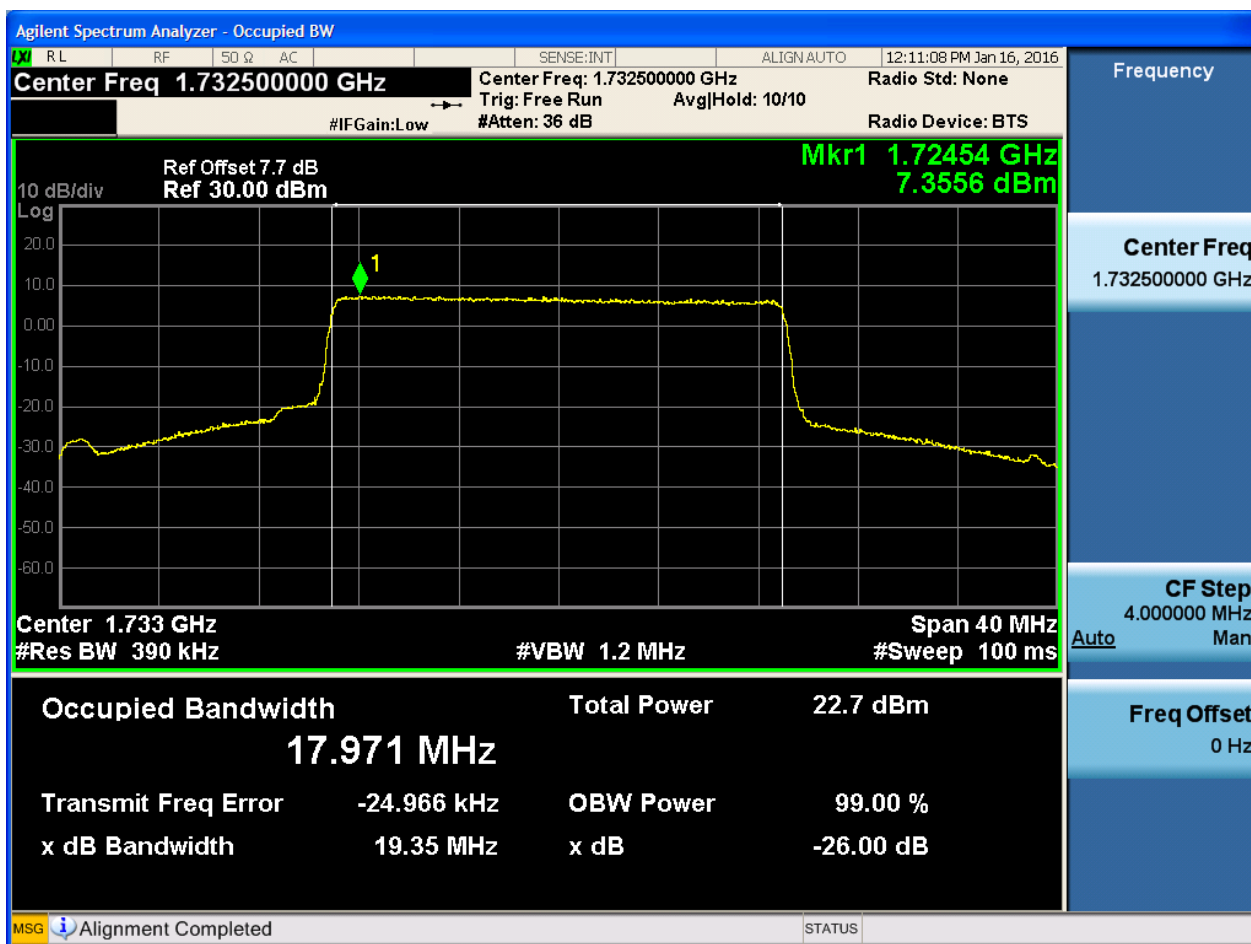
##### 4.1.1.2.6.1 Test Channel = LCH

##### 4.1.1.2.6.1.1 Test RB = RB100#0



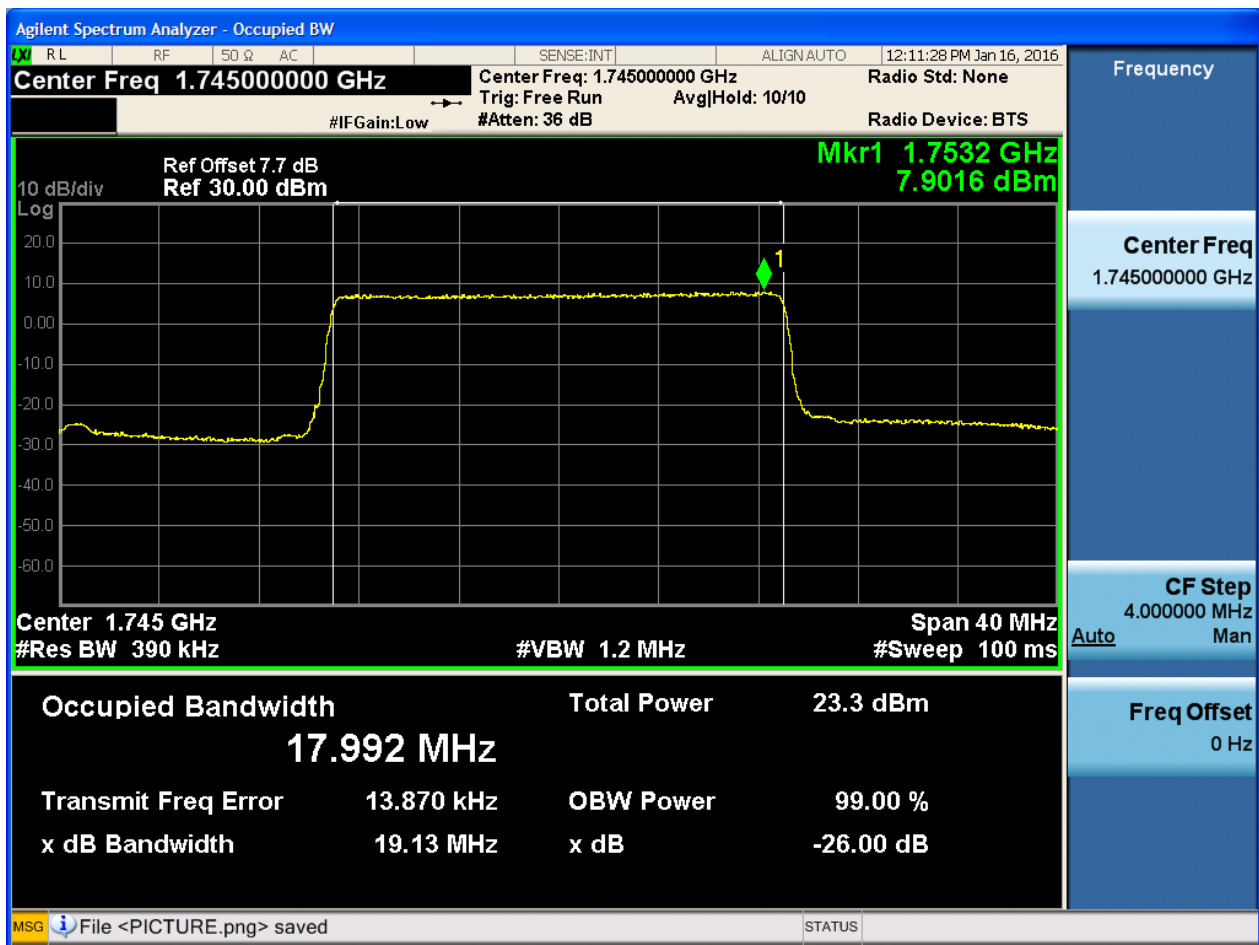
#### 4.1.1.2.6.2 Test Channel = MCH

##### 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

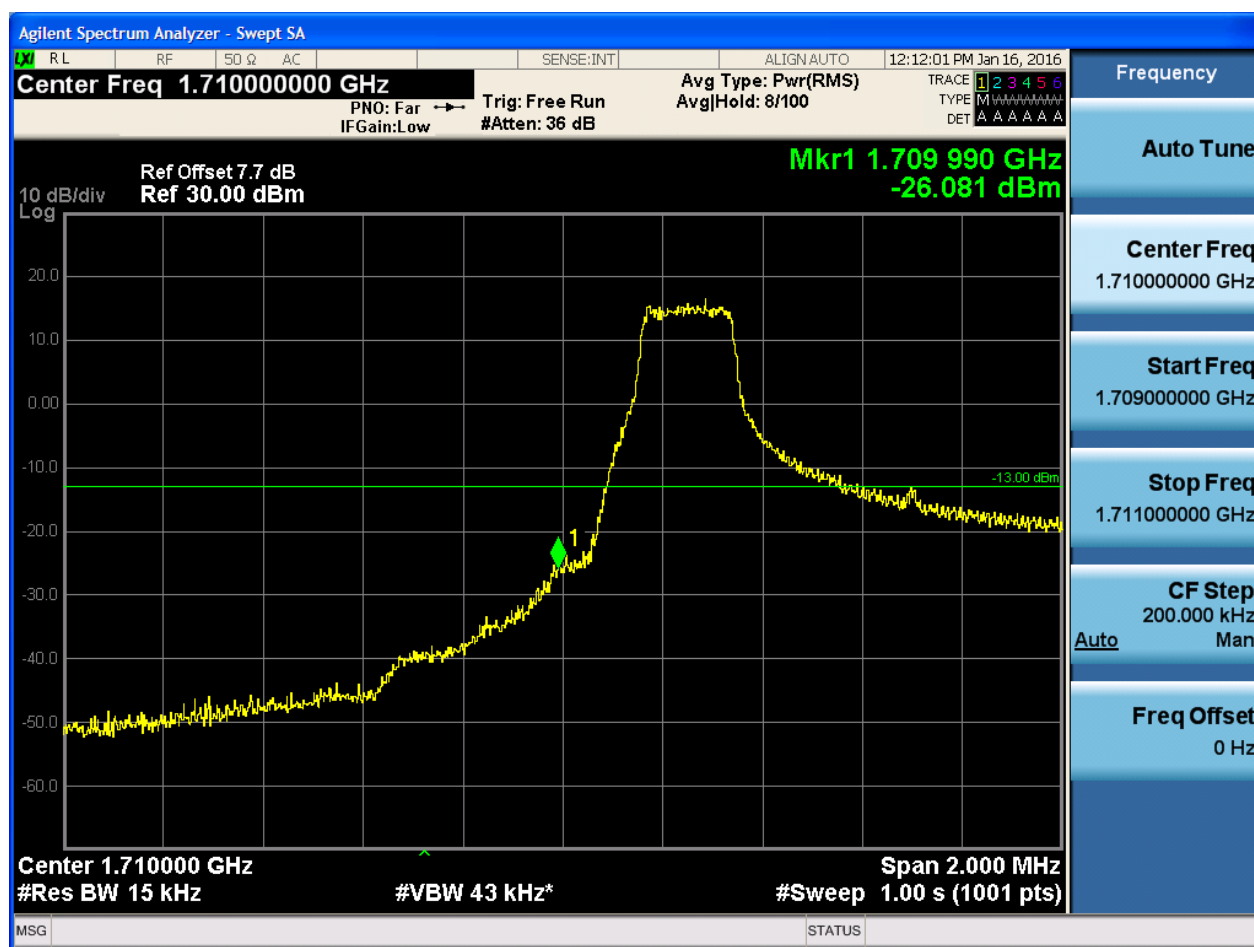
##### 5.1.1 Test Band = BAND4

##### 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



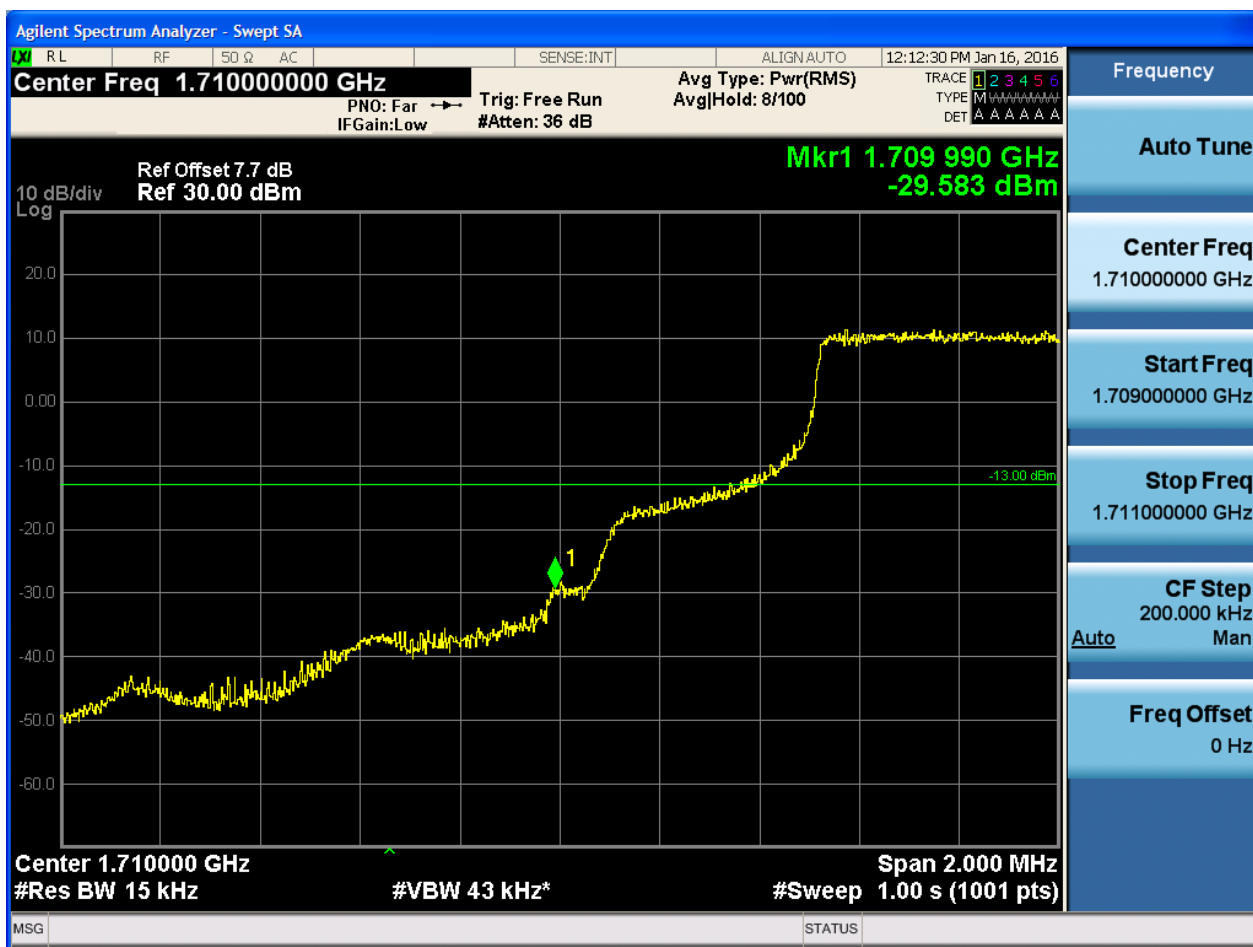


## 5.1.1.1.1.2 Test RB = RB1#5



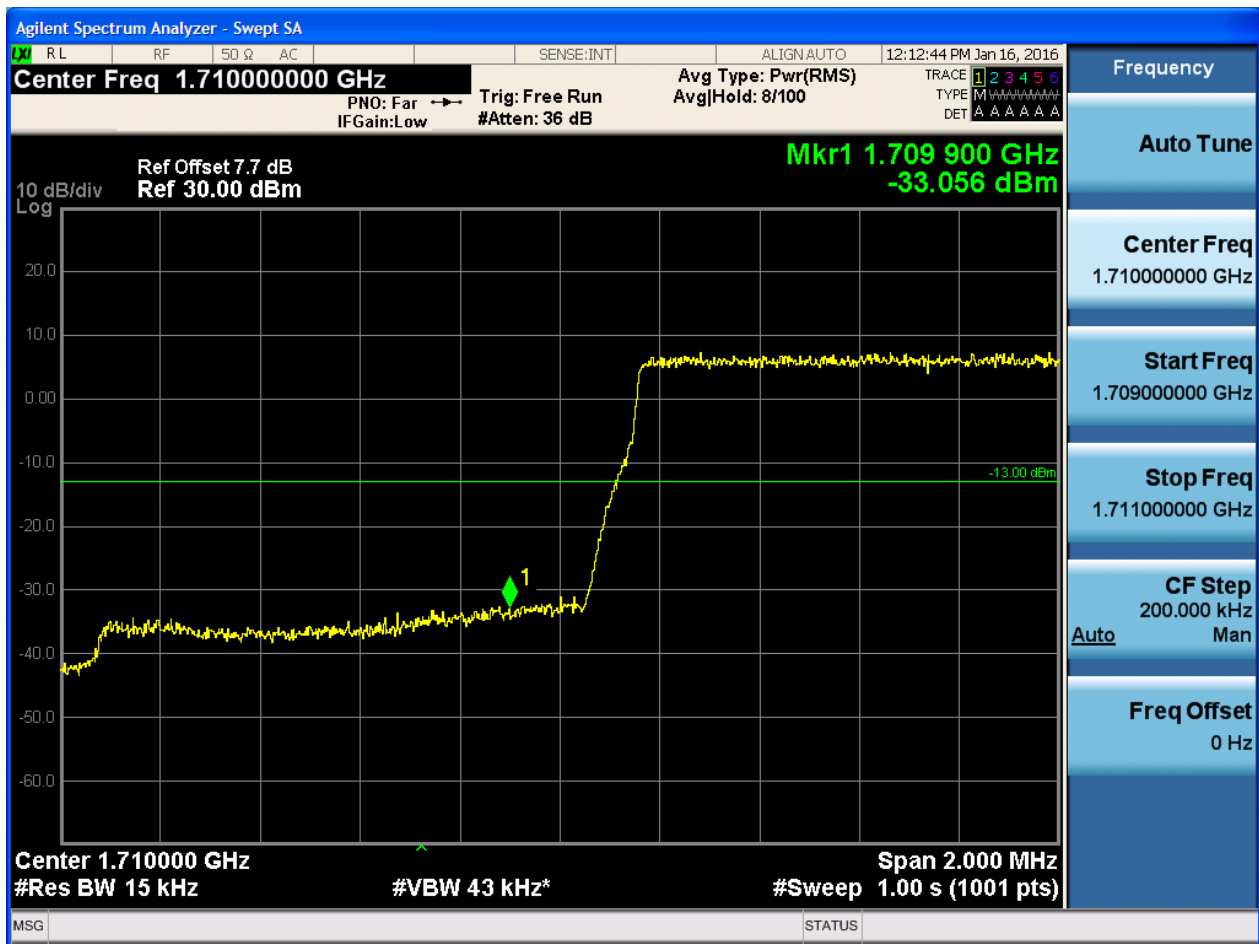


## 5.1.1.1.1.3 Test RB = RB3#2





## 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





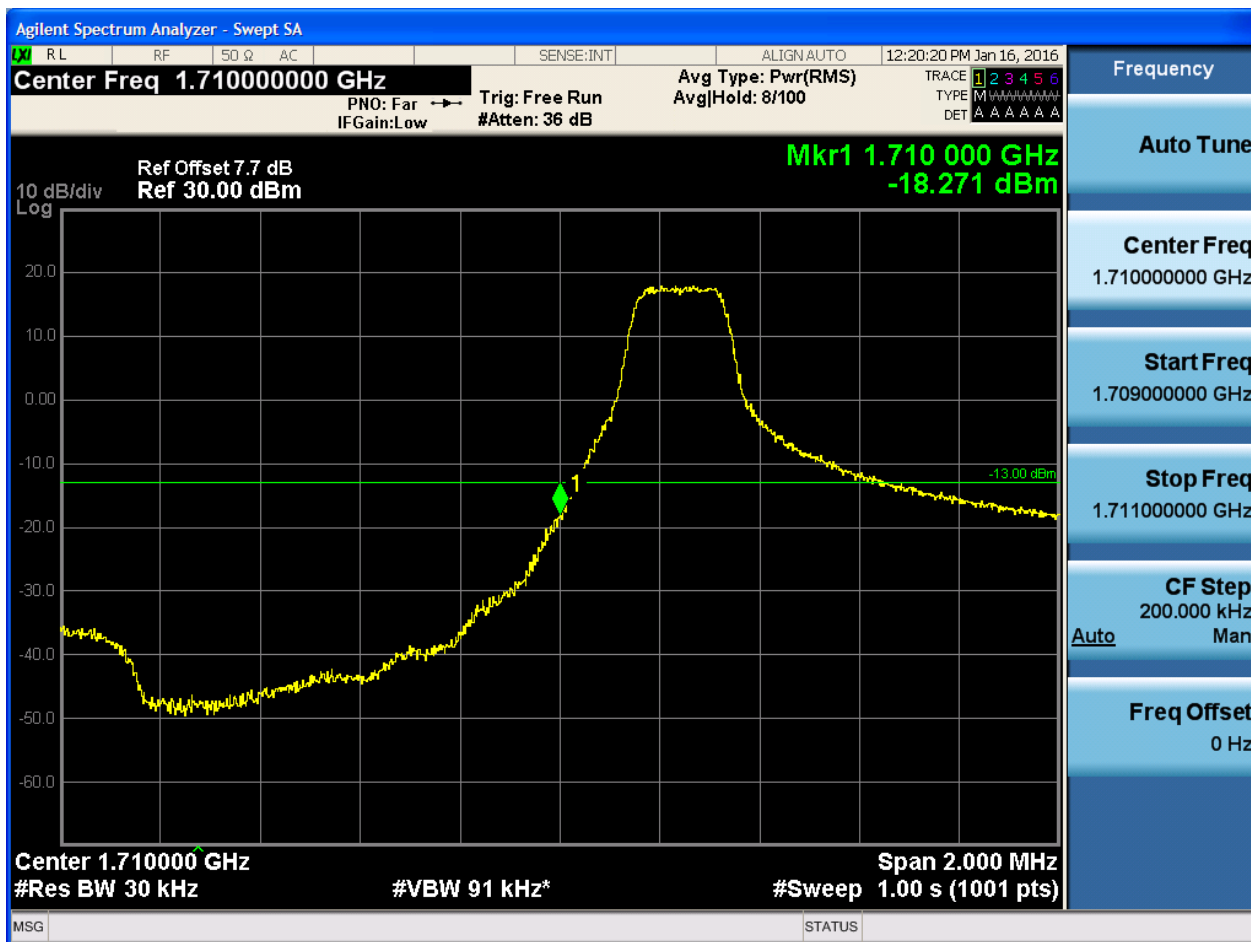
## 5.1.1.1.2.4 Test RB = RB6#0



#### 5.1.1.1.2 Test Bandwidth = 3

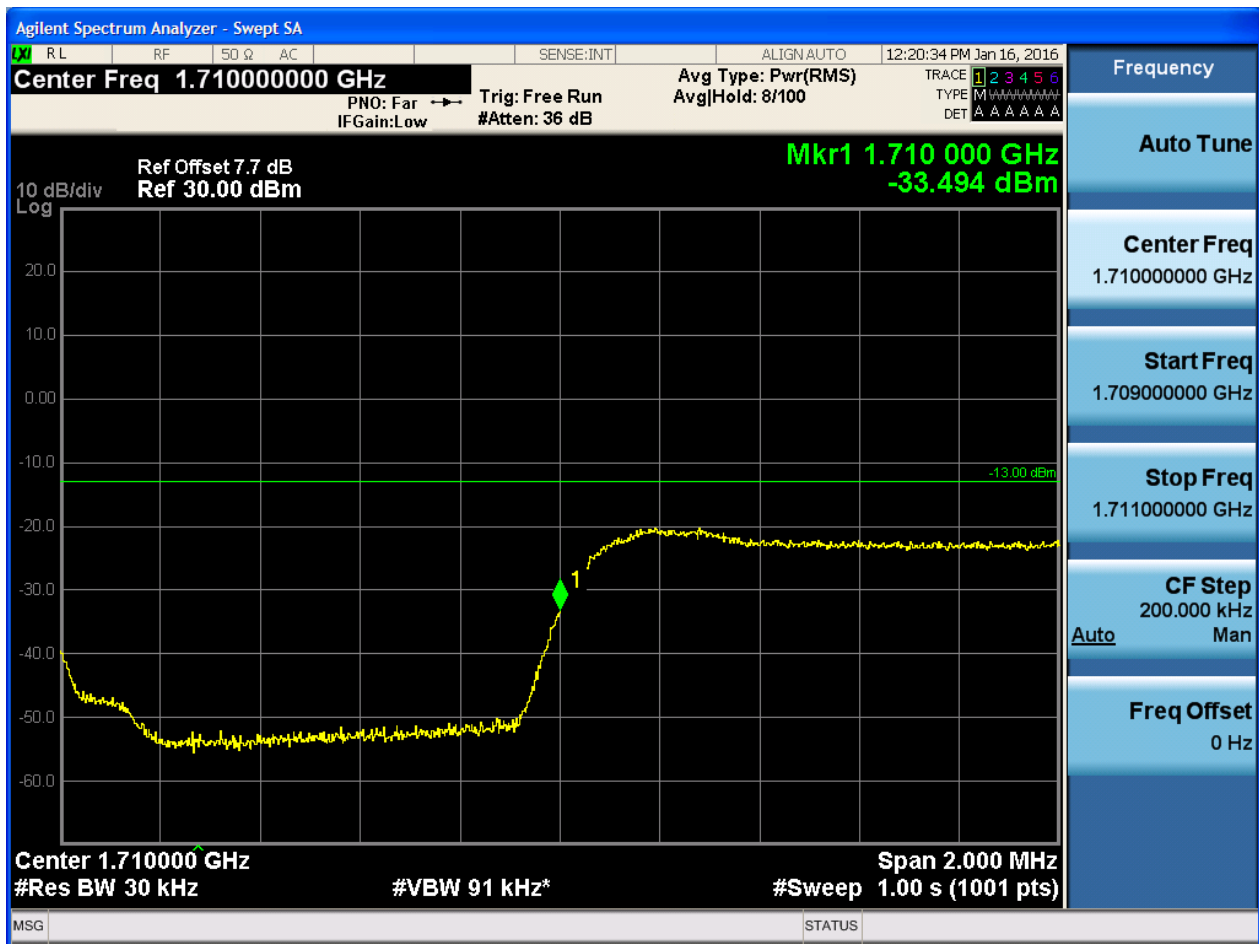
#### 5.1.1.1.2.1 Test Channel = LCH

#### 5.1.1.1.2.1.1 Test RB = RB1#0





## 5.1.1.1.2.1.2 Test RB = RB1#14



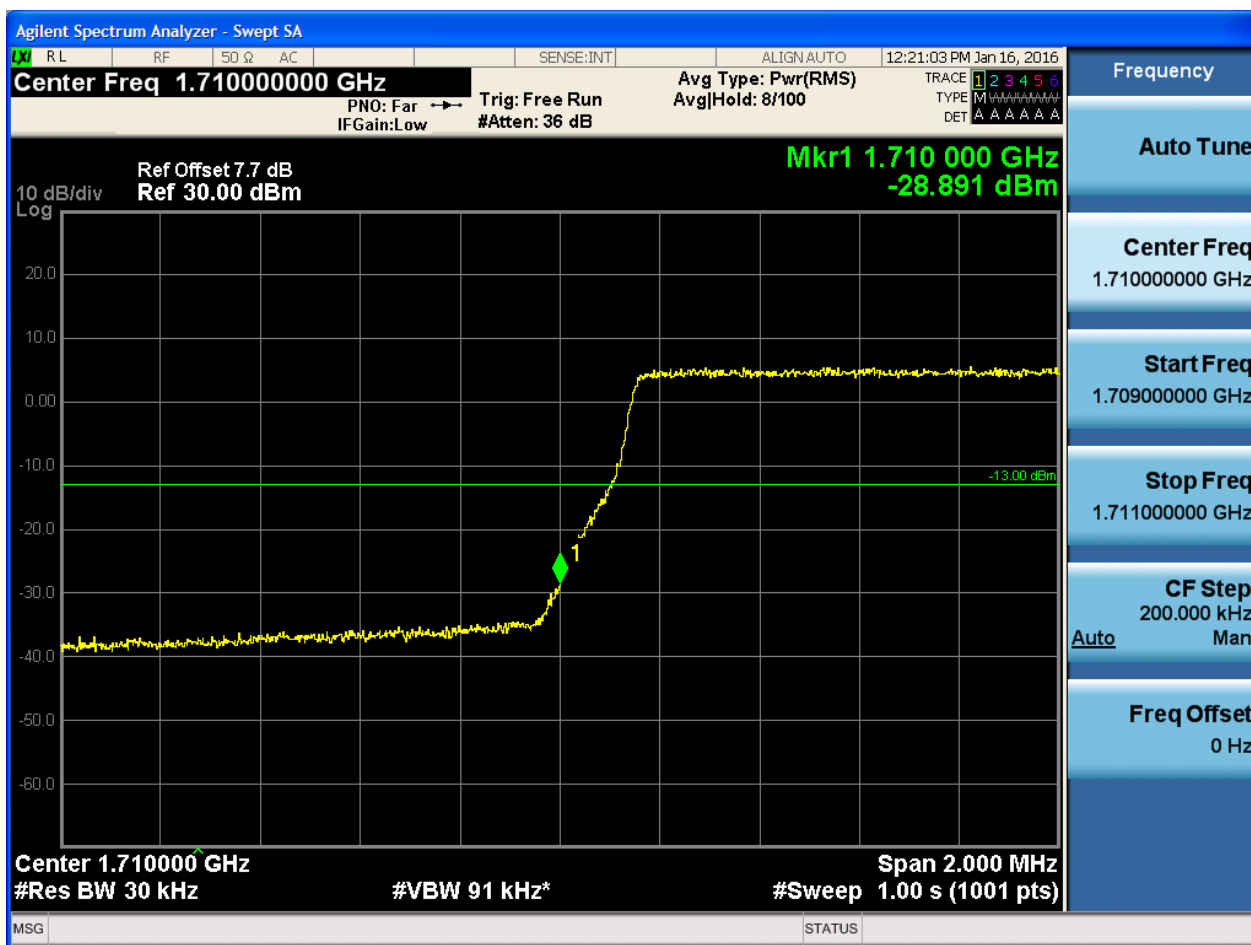


## 5.1.1.1.2.1.3 Test RB = RB8#4





## 5.1.1.1.2.1.4 Test RB = RB15#0





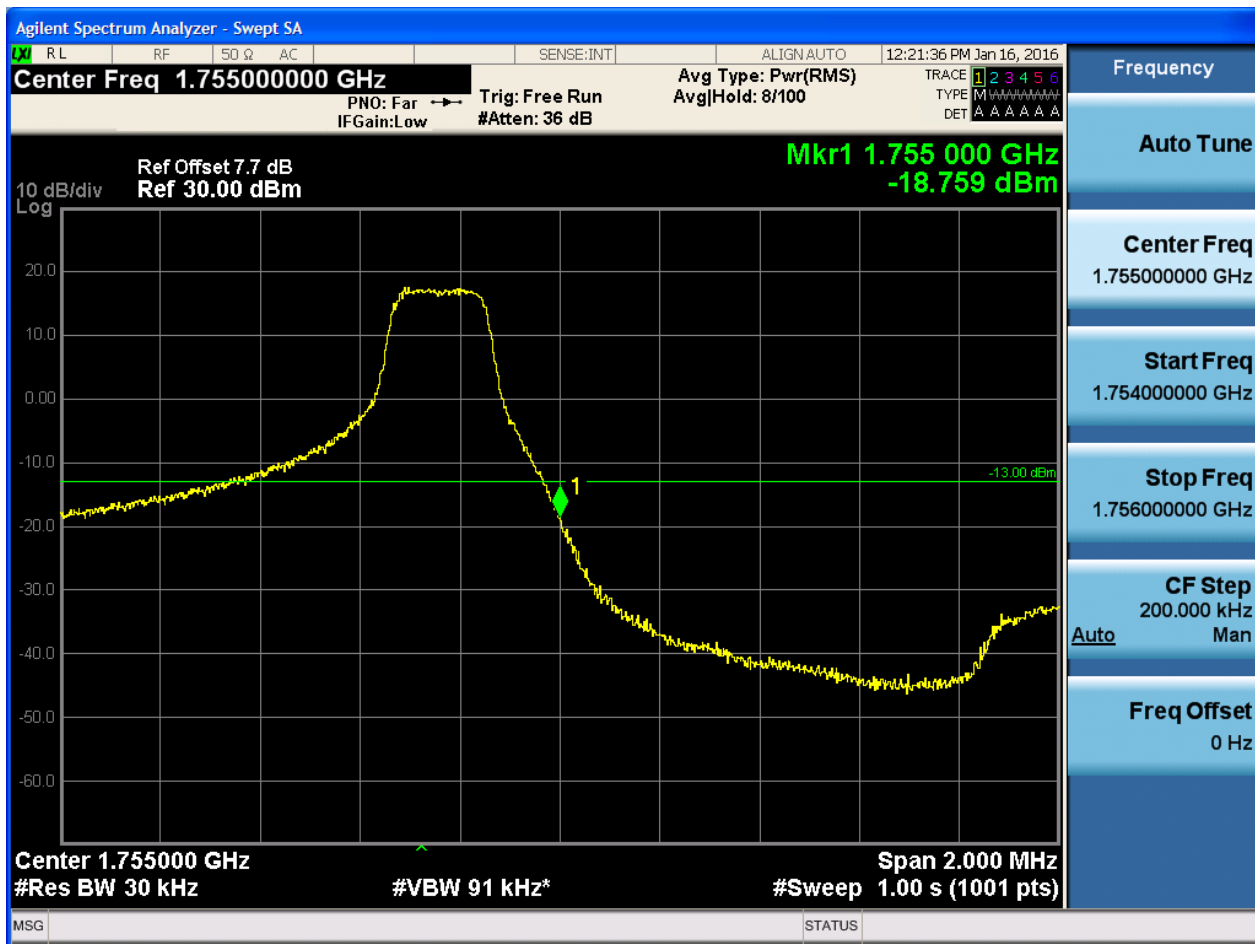
## 5.1.1.1.2.2 Test Channel = HCH

## 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





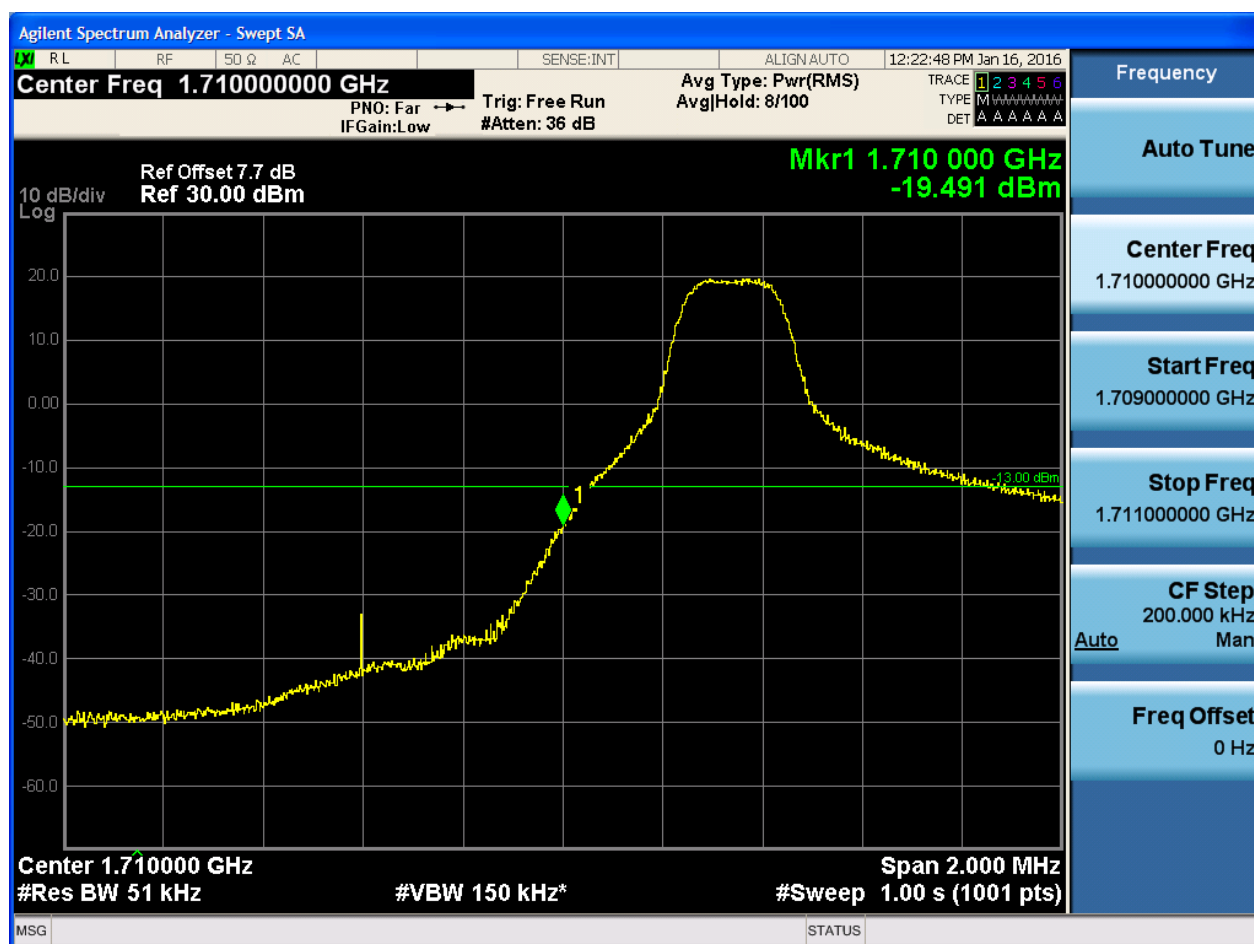
## 5.1.1.1.2.2.4 Test RB = RB15#0



#### 5.1.1.1.3 Test Bandwidth = 5

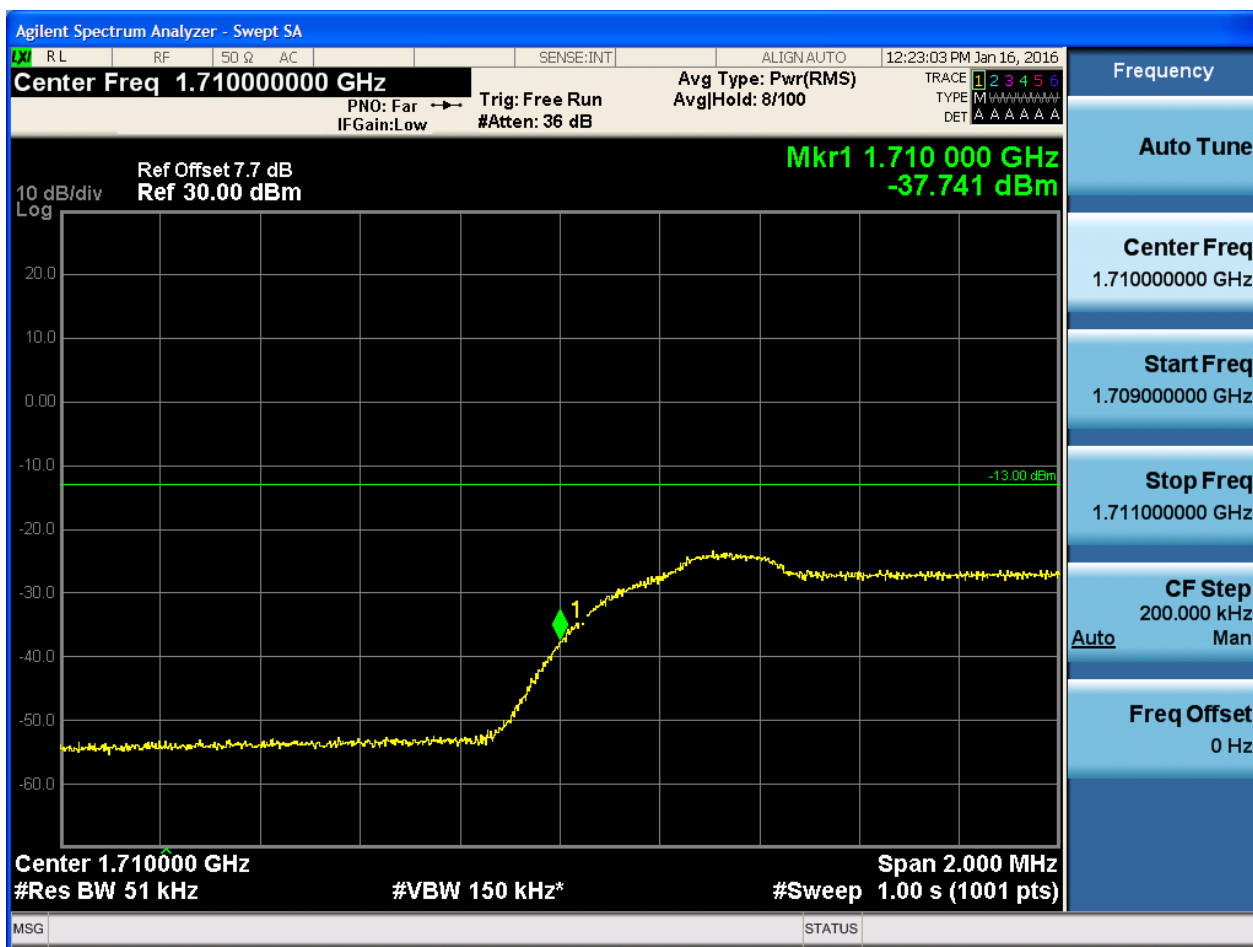
#### 5.1.1.1.3.1 Test Channel = LCH

#### 5.1.1.1.3.1.1 Test RB = RB1#0





## 5.1.1.1.3.1.2 Test RB = RB1#24



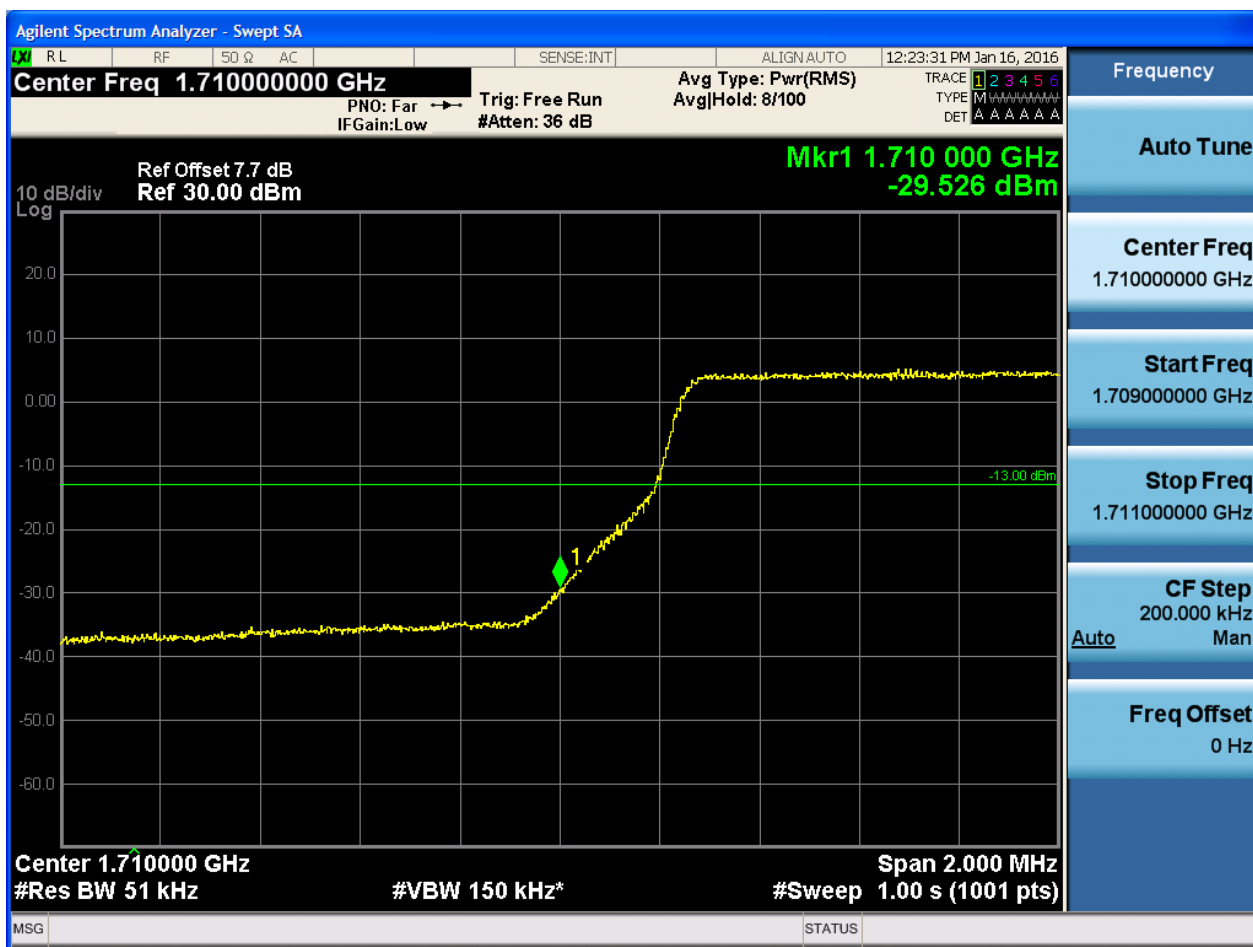


## 5.1.1.1.3.1.3 Test RB = RB12#6





## 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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.7 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.755 000 GHz  
-19.731 dBm

Center 1.755000 GHz  
#Res BW 51 kHz  
#VBW 150 kHz\*  
Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq  
1.755000000 GHz

Start Freq  
1.754000000 GHz

Stop Freq  
1.756000000 GHz

CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz



## 5.1.1.1.3.2.3 Test RB = RB12#6





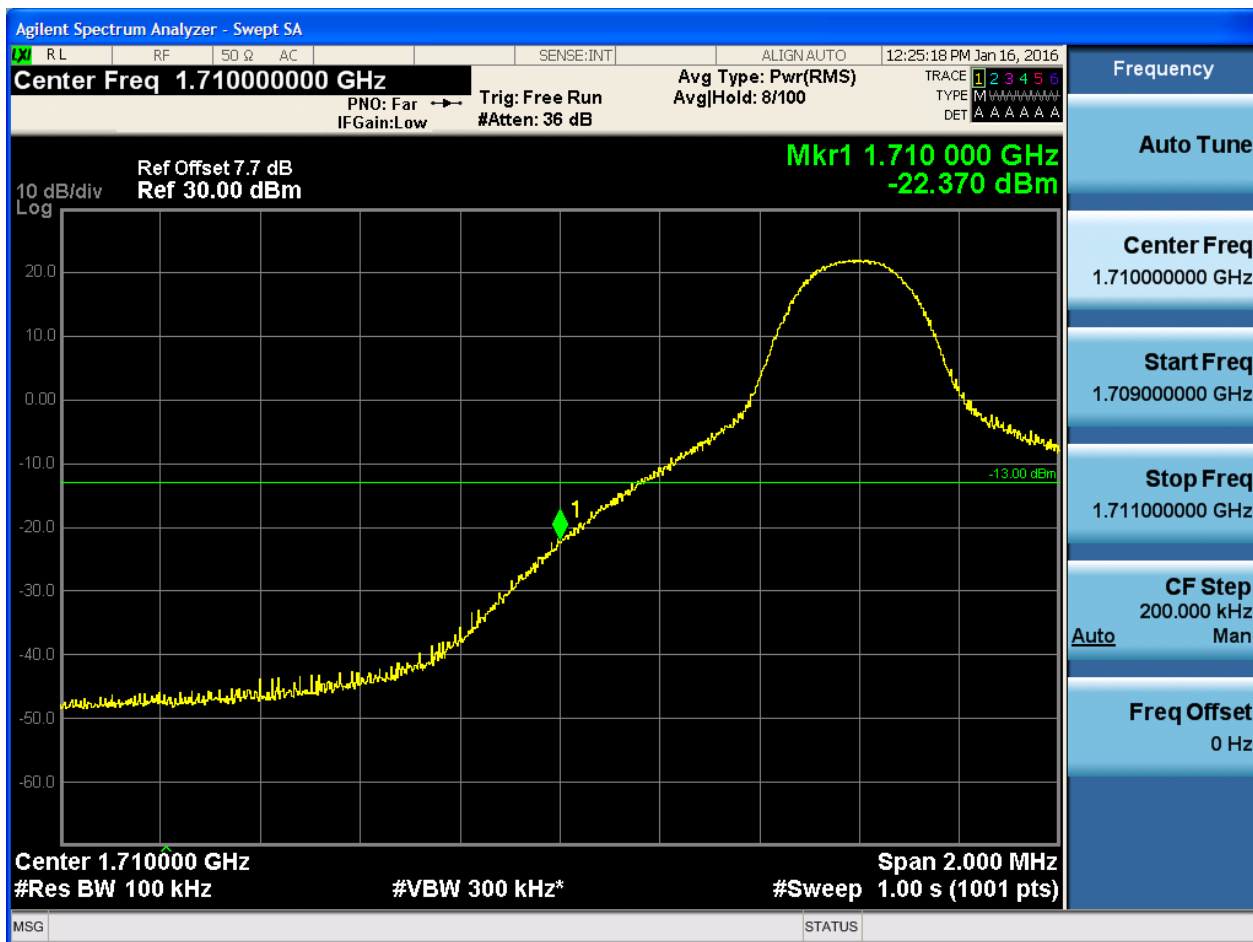
## 5.1.1.1.3.2.4 Test RB = RB25#0



#### 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

