



## 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 |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| BAND25         | LTE/TM1   | 1.4            | LCH          | RB1#0   | 21.67         | 18.67      | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.89         | 18.89      | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.81         | 18.81      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.69         | 18.69      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.81         | 18.81      | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.78         | 18.78      | 33          | PASS    |
|                |           |                |              | RB6#0   | 20.86         | 17.86      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.38         | 18.38      | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.48         | 18.48      | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.69         | 18.69      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.59         | 18.59      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.61         | 18.61      | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.67         | 18.67      | 33          | PASS    |
|                |           |                |              | RB6#0   | 20.73         | 17.73      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 21.99         | 18.99      | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.74         | 18.74      | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.53         | 18.53      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.73         | 18.73      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.68         | 18.68      | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.6          | 18.6       | 33          | PASS    |
|                |           |                |              | RB6#0   | 20.91         | 17.91      | 33          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.24         | 18.24      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21.85         | 18.85      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.67         | 18.67      | 33          | PASS    |
|                |           |                |              | RB8#0   | 20.89         | 17.89      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.14         | 18.14      | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.05         | 18.05      | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.02         | 18.02      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.28         | 18.28      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21.58         | 18.58      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.4          | 18.4       | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 20.59         | 17.59      | 33          | PASS    |
|                |           |                |              | RB8#4   | 20.65         | 17.65      | 33          | PASS    |
|                |           |                |              | RB8#7   | 20.71         | 17.71      | 33          | PASS    |
|                |           |                |              | RB15#0  | 20.57         | 17.57      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.8          | 18.8       | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.25         | 19.25      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.38         | 18.38      | 33          | PASS    |
|                |           |                |              | RB8#0   | 21.17         | 18.17      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.34         | 18.34      | 33          | PASS    |
|                |           |                |              | RB8#7   | 20.93         | 17.93      | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.21         | 18.21      | 33          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 21.11         | 18.11      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22            | 19         | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.58         | 18.58      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.94         | 17.94      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.16         | 18.16      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.86         | 17.86      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#0  | 20.95         | 17.95      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.21         | 18.21      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.81         | 18.81      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.18         | 18.18      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.65         | 17.65      | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.73         | 17.73      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.68         | 17.68      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.66         | 17.66      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.71         | 18.71      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.45         | 19.45      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.13         | 18.13      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.35         | 18.35      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.57         | 18.57      | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.25         | 18.25      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.31         | 18.31      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 21.52         | 18.52      | 33          | PASS    |
|                |           |                |              | RB1#25  | 22.27         | 19.27      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#49  | 21.83         | 18.83      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.71         | 17.71      | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.83         | 17.83      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.62         | 17.62      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.66         | 17.66      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.56         | 18.56      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.71         | 18.71      | 33          | PASS    |
|                |           |                |              | RB1#49  | 21.72         | 18.72      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.63         | 17.63      | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.66         | 17.66      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.6          | 17.6       | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.66         | 17.66      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.12         | 19.12      | 33          | PASS    |
|                |           |                |              | RB1#25  | 22.54         | 19.54      | 33          | PASS    |
|                |           |                |              | RB1#49  | 21.46         | 18.46      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.25         | 18.25      | 33          | PASS    |
|                |           |                |              | RB25#13 | 21.43         | 18.43      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 21.17         | 18.17      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.26         | 18.26      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.79         | 18.79      | 33          | PASS    |
|                |           |                |              | RB1#38  | 22.14         | 19.14      | 33          | PASS    |
|                |           |                |              | RB1#74  | 22.29         | 19.29      | 33          | PASS    |
|                |           |                |              | RB38#0  | 21.14         | 18.14      | 33          | PASS    |
|                |           |                |              | RB38#19 | 21            | 18         | 33          | PASS    |
|                |           |                |              | RB38#39 | 21.03         | 18.03      | 33          | PASS    |
|                |           |                |              | RB75#0  | 21.04         | 18.04      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.16         | 19.16      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.89         | 18.89      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.86         | 18.86      | 33          | PASS    |
|                |           |                |              | RB38#0  | 20.93         | 17.93      | 33          | PASS    |
|                |           |                |              | RB38#19 | 20.83         | 17.83      | 33          | PASS    |
|                |           |                |              | RB38#39 | 20.73         | 17.73      | 33          | PASS    |
|                |           |                |              | RB75#0  | 20.84         | 17.84      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.56         | 19.56      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 22.39         | 19.39      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.52         | 18.52      | 33          | PASS    |
|                |           |                |              | RB38#0  | 21.43         | 18.43      | 33          | PASS    |
|                |           |                |              | RB38#19 | 21.59         | 18.59      | 33          | PASS    |
|                |           |                |              | RB38#39 | 21.52         | 18.52      | 33          | PASS    |
|                |           |                |              | RB75#0  | 21.49         | 18.49      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.21         | 19.21      | 33          | PASS    |
|                |           |                |              | RB1#50  | 22.32         | 19.32      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.84         | 19.84      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.21         | 18.21      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.03         | 18.03      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.5          | 18.5       | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.5          | 18.5       | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.68         | 19.68      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.75         | 18.75      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.6          | 19.6       | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.29         | 18.29      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 20.98         | 17.98      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.02         | 18.02      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.19         | 18.19      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.94         | 19.94      | 33          | PASS    |
|                |           |                |              | RB1#50  | 22.74         | 19.74      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.26         | 19.26      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.77         | 18.77      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.37         | 18.37      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.71         | 18.71      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.82         | 18.82      | 33          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 20.9          | 17.9       | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.41         | 18.41      | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.33         | 18.33      | 33          | PASS    |
|                |           |                |              | RB3#0   | 20.95         | 17.95      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.05         | 18.05      | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.03         | 18.03      | 33          | PASS    |
|                |           |                |              | RB6#0   | 19.97         | 16.97      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 20.72         | 17.72      | 33          | PASS    |
|                |           |                |              | RB1#3   | 20.99         | 17.99      | 33          | PASS    |
|                |           |                |              | RB1#5   | 20.82         | 17.82      | 33          | PASS    |
|                |           |                |              | RB3#0   | 20.78         | 17.78      | 33          | PASS    |
|                |           |                |              | RB3#2   | 20.81         | 17.81      | 33          | PASS    |
|                |           |                |              | RB3#3   | 20.88         | 17.88      | 33          | PASS    |
|                |           |                |              | RB6#0   | 19.77         | 16.77      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.22         | 18.22      | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.13         | 18.13      | 33          | PASS    |
|                |           |                |              | RB1#5   | 20.94         | 17.94      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.03         | 18.03      | 33          | PASS    |
|                |           |                |              | RB3#2   | 20.98         | 17.98      | 33          | PASS    |
|                |           |                |              | RB3#3   | 20.9          | 17.9       | 33          | PASS    |
|                |           |                |              | RB6#0   | 19.93         | 16.93      | 33          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 20.56         | 17.56      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21.46         | 18.46      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.01         | 18.01      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 19.93         | 16.93      | 33          | PASS    |
|                |           |                |              | RB8#4   | 20.18         | 17.18      | 33          | PASS    |
|                |           |                |              | RB8#7   | 20.1          | 17.1       | 33          | PASS    |
|                |           |                |              | RB15#0  | 19.99         | 16.99      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.63         | 17.63      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21            | 18         | 33          | PASS    |
|                |           |                |              | RB1#14  | 20.76         | 17.76      | 33          | PASS    |
|                |           |                |              | RB8#0   | 19.57         | 16.57      | 33          | PASS    |
|                |           |                |              | RB8#4   | 19.69         | 16.69      | 33          | PASS    |
|                |           |                |              | RB8#7   | 19.72         | 16.72      | 33          | PASS    |
|                |           |                |              | RB15#0  | 19.56         | 16.56      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.17         | 18.17      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21.65         | 18.65      | 33          | PASS    |
|                |           |                |              | RB1#14  | 20.75         | 17.75      | 33          | PASS    |
|                |           |                |              | RB8#0   | 20.17         | 17.17      | 33          | PASS    |
|                |           |                |              | RB8#4   | 20.34         | 17.34      | 33          | PASS    |
|                |           |                |              | RB8#7   | 19.94         | 16.94      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           | 5              |              | RB15#0  | 20.18         | 17.18      | 33          | PASS    |
|                |           |                |              | RB1#0   | 20.46         | 17.46      | 33          | PASS    |
|                |           |                | LCH          | RB1#13  | 21.13         | 18.13      | 33          | PASS    |
|                |           |                |              | RB1#24  | 20.73         | 17.73      | 33          | PASS    |
|                |           |                |              | RB12#0  | 19.9          | 16.9       | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.13         | 17.13      | 33          | PASS    |
|                |           |                |              | RB12#13 | 19.84         | 16.84      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.92         | 16.92      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.43         | 17.43      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.06         | 18.06      | 33          | PASS    |
|                |           |                |              | RB1#24  | 20.43         | 17.43      | 33          | PASS    |
|                |           |                |              | RB12#0  | 19.68         | 16.68      | 33          | PASS    |
|                |           |                |              | RB12#6  | 19.78         | 16.78      | 33          | PASS    |
|                |           |                |              | RB12#13 | 19.62         | 16.62      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.55         | 16.55      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 20.98         | 17.98      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.62         | 18.62      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#24  | 20.31         | 17.31      | 33          | PASS    |
|                |           |                |              | RB12#0  | 20.24         | 17.24      | 33          | PASS    |
|                |           |                |              | RB12#6  | 20.45         | 17.45      | 33          | PASS    |
|                |           |                |              | RB12#13 | 20.14         | 17.14      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.17         | 17.17      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 20.68         | 17.68      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.38         | 18.38      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.95         | 17.95      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.68         | 16.68      | 33          | PASS    |
|                |           |                |              | RB25#13 | 19.79         | 16.79      | 33          | PASS    |
|                |           |                |              | RB25#25 | 19.59         | 16.59      | 33          | PASS    |
|                |           |                |              | RB50#0  | 19.64         | 16.64      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.84         | 17.84      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.15         | 18.15      | 33          | PASS    |
|                |           |                |              | RB1#49  | 21.03         | 18.03      | 33          | PASS    |
|                |           |                |              | RB25#0  | 19.49         | 16.49      | 33          | PASS    |
|                |           |                |              | RB25#13 | 19.54         | 16.54      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 19.5          | 16.5       | 33          | PASS    |
|                |           |                |              | RB50#0  | 19.57         | 16.57      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.36         | 18.36      | 33          | PASS    |
|                |           |                |              | RB1#25  | 21.84         | 18.84      | 33          | PASS    |
|                |           |                |              | RB1#49  | 20.77         | 17.77      | 33          | PASS    |
|                |           |                |              | RB25#0  | 20.08         | 17.08      | 33          | PASS    |
|                |           |                |              | RB25#13 | 20.27         | 17.27      | 33          | PASS    |
|                |           |                |              | RB25#25 | 20.02         | 17.02      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.15         | 17.15      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.19         | 18.19      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.19         | 18.19      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.61         | 18.61      | 33          | PASS    |
|                |           |                |              | RB38#0  | 20.15         | 17.15      | 33          | PASS    |
|                |           |                |              | RB38#19 | 19.98         | 16.98      | 33          | PASS    |
|                |           |                |              | RB38#39 | 20            | 17         | 33          | PASS    |
|                |           |                |              | RB75#0  | 20            | 17         | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.5          | 18.5       | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 21.33         | 18.33      | 33          | PASS    |
|                |           |                |              | RB1#74  | 21.27         | 18.27      | 33          | PASS    |
|                |           |                |              | RB38#0  | 19.82         | 16.82      | 33          | PASS    |
|                |           |                |              | RB38#19 | 19.73         | 16.73      | 33          | PASS    |
|                |           |                |              | RB38#39 | 19.81         | 16.81      | 33          | PASS    |
|                |           |                |              | RB75#0  | 19.76         | 16.76      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.89         | 18.89      | 33          | PASS    |
|                |           |                |              | RB1#38  | 21.79         | 18.79      | 33          | PASS    |
|                |           |                |              | RB1#74  | 20.9          | 17.9       | 33          | PASS    |
|                |           |                |              | RB38#0  | 20.25         | 17.25      | 33          | PASS    |
|                |           |                |              | RB38#19 | 20.45         | 17.45      | 33          | PASS    |
|                |           |                |              | RB38#39 | 20.39         | 17.39      | 33          | PASS    |
|                |           |                |              | RB75#0  | 20.36         | 17.36      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.41         | 18.41      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.21         | 18.21      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.06         | 19.06      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.14         | 17.14      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 19.95         | 16.95      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.42         | 17.42      | 33          | PASS    |
|                |           |                |              | RB100#0 | 20.45         | 17.45      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.01         | 19.01      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.18         | 18.18      | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.85         | 18.85      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.16         | 17.16      | 33          | PASS    |
|                |           |                |              | RB50#25 | 19.87         | 16.87      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.09         | 17.09      | 33          | PASS    |
|                |           |                |              | RB100#0 | 20.1          | 17.1       | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.32         | 19.32      | 33          | PASS    |
|                |           |                |              | RB1#50  | 22            | 19         | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.69         | 18.69      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.69         | 17.69      | 33          | PASS    |
|                |           |                |              | RB50#25 | 20.18         | 17.18      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.58         | 17.58      | 33          | PASS    |
|                |           |                |              | RB100#0 | 20.69         | 17.69      | 33          | PASS    |



Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:  $\text{RBW} > \text{emission bandwidth}$ ,  $\text{VBW} > 3 \times \text{RBW}$ .

Detector: RMS

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

### Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND25             | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.15         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.38         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.17         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.2          | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.87         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.86         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.16         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.12         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#0   | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.37         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.08         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.59         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.15         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.68         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.66         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.48         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.08         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.91         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.47         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | MCH          | RB1#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.67         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.61         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.65         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.6          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.14         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.58         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.61         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.69         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.78         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.76         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.56         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.26         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.54         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.48         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#25 | 6.58         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.5          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.71         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.83         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.83         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.56         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.95         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.24         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6            | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.47         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.54         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.57         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.82         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.13         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.78         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#7   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.42         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.63         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.68         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.9          | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 7.17         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.26         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.74         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.06         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.1          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 7.16         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 7.21         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.2          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.41         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.07         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   |              | RB12#13 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.55         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.11         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.07         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.29         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.32         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.5          | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.47         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.51         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.52         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.99         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.12         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.16         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.23         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.46         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.1          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.3          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.42         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.46         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.45         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.69         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.52         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#74  | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.03         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.3          | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.16         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.07         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.09         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.87         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.18         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.07         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.28         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.23         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.5          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.88         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.93         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

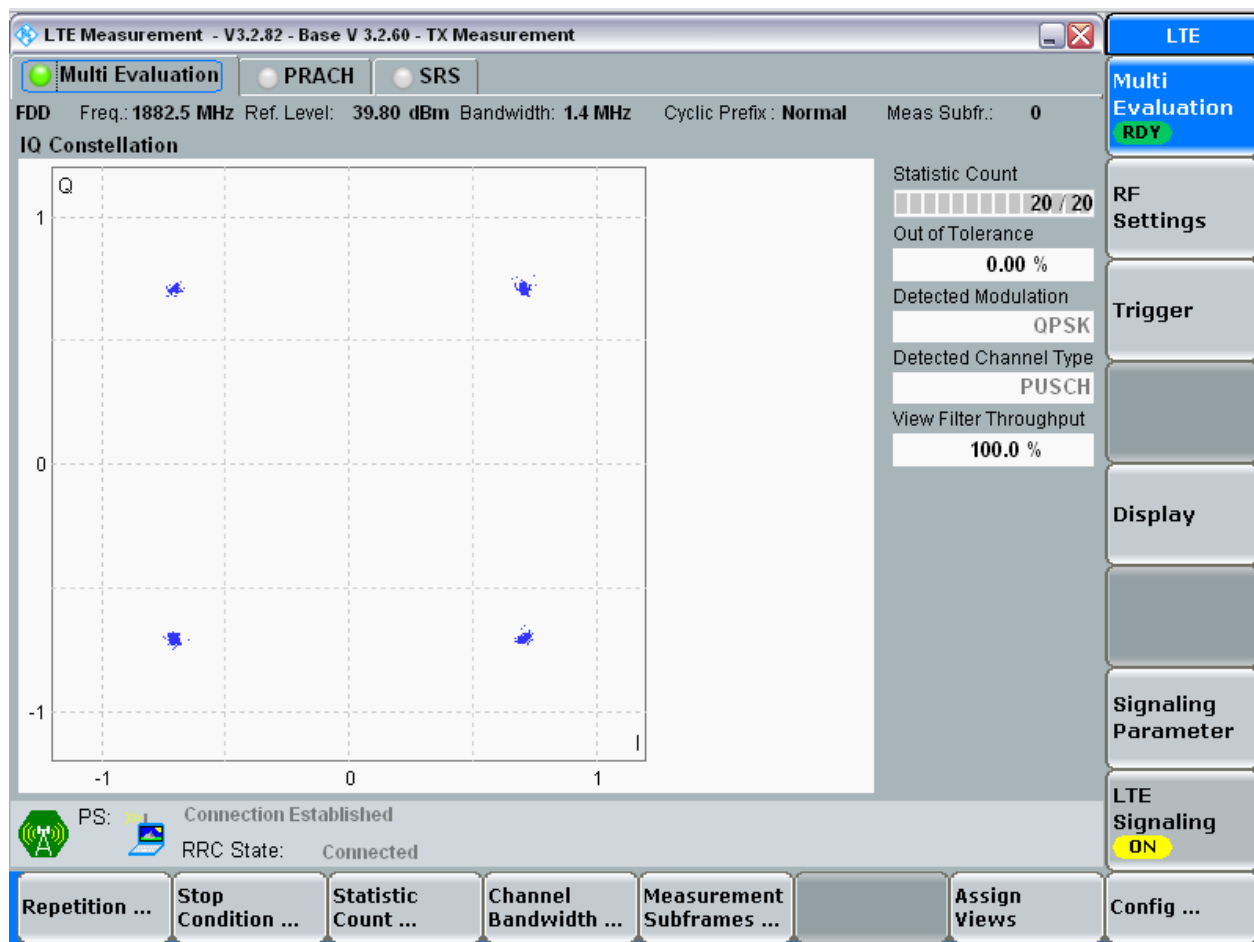
##### 3.1.1 Test Band = BAND25

##### 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

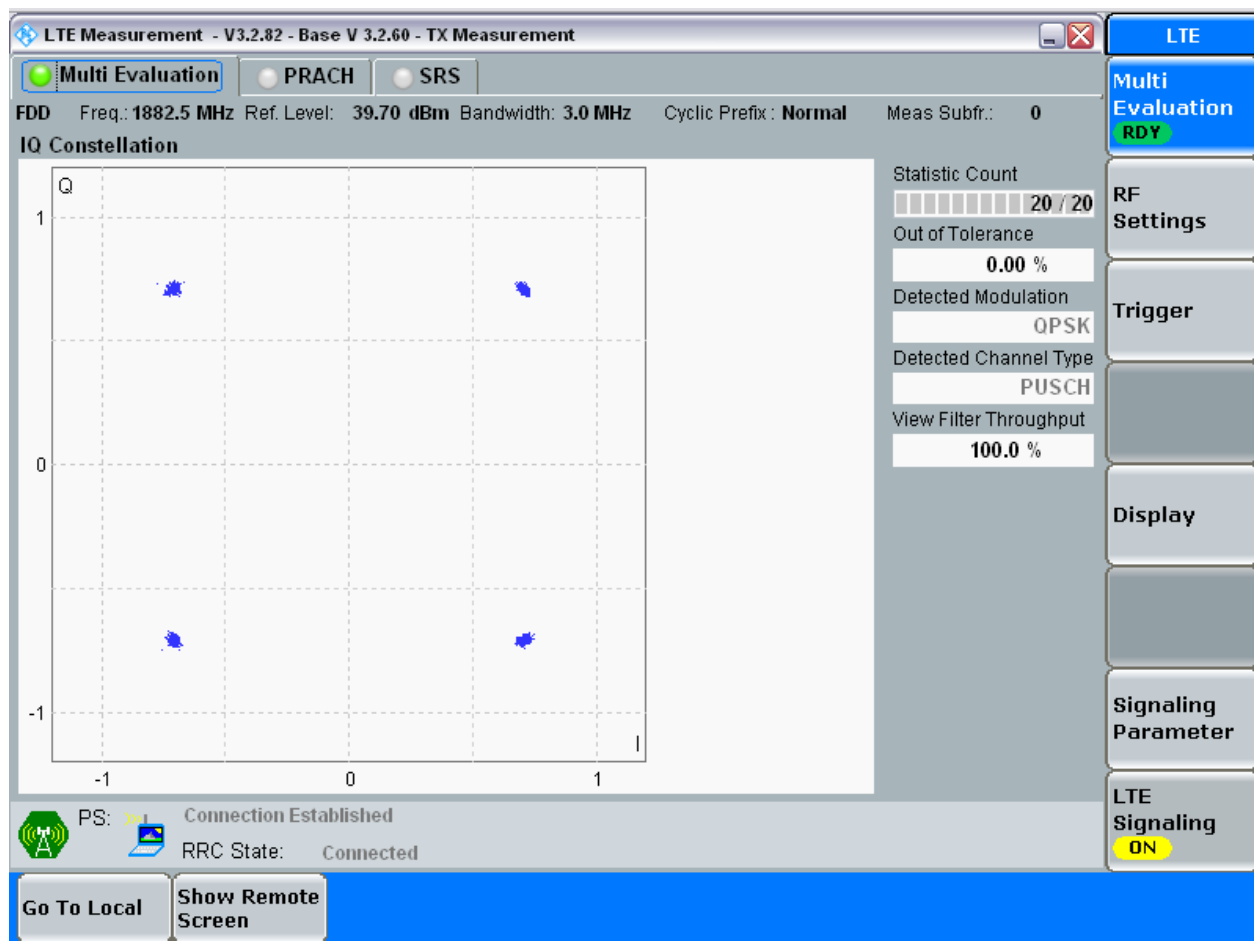
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

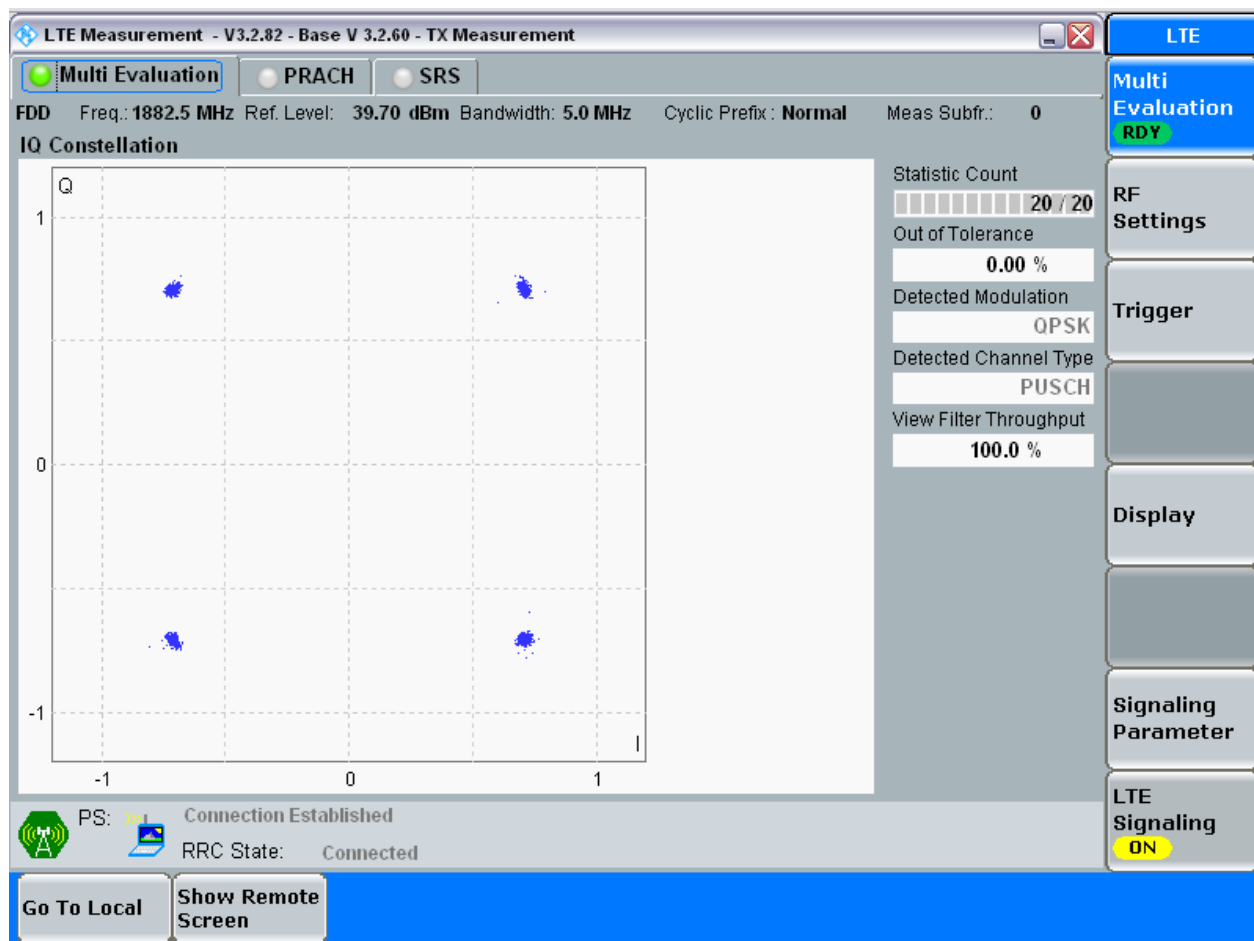
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

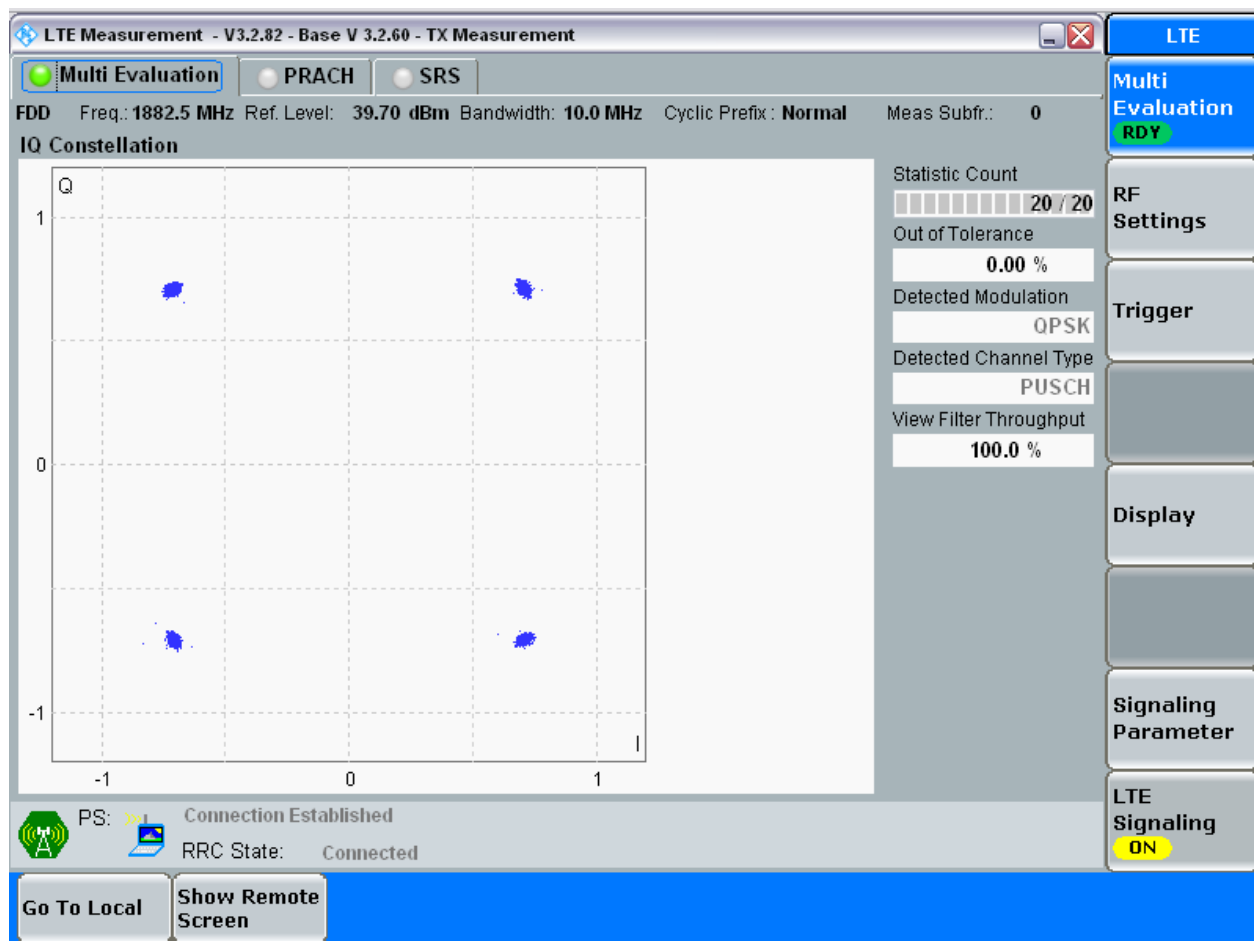
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

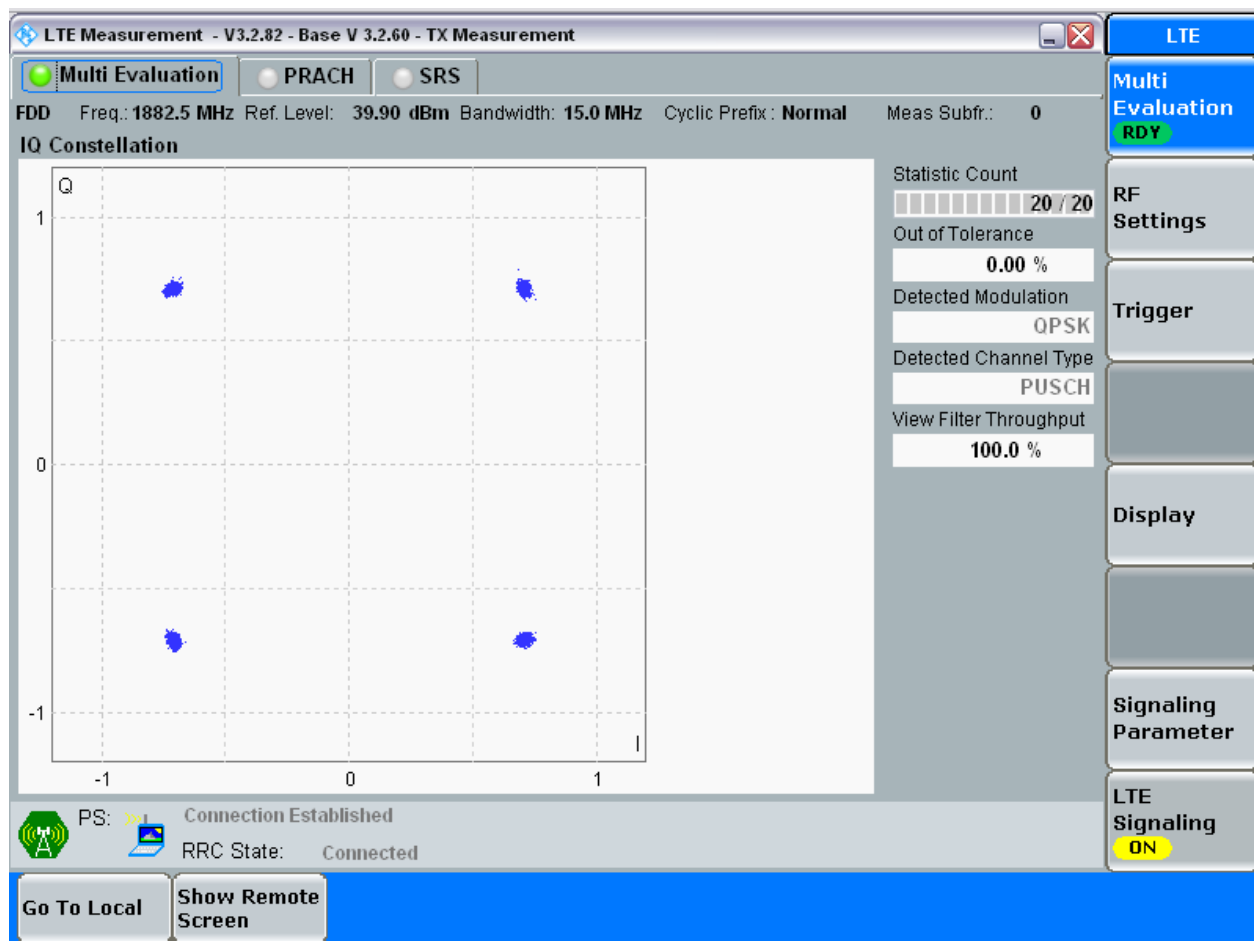
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

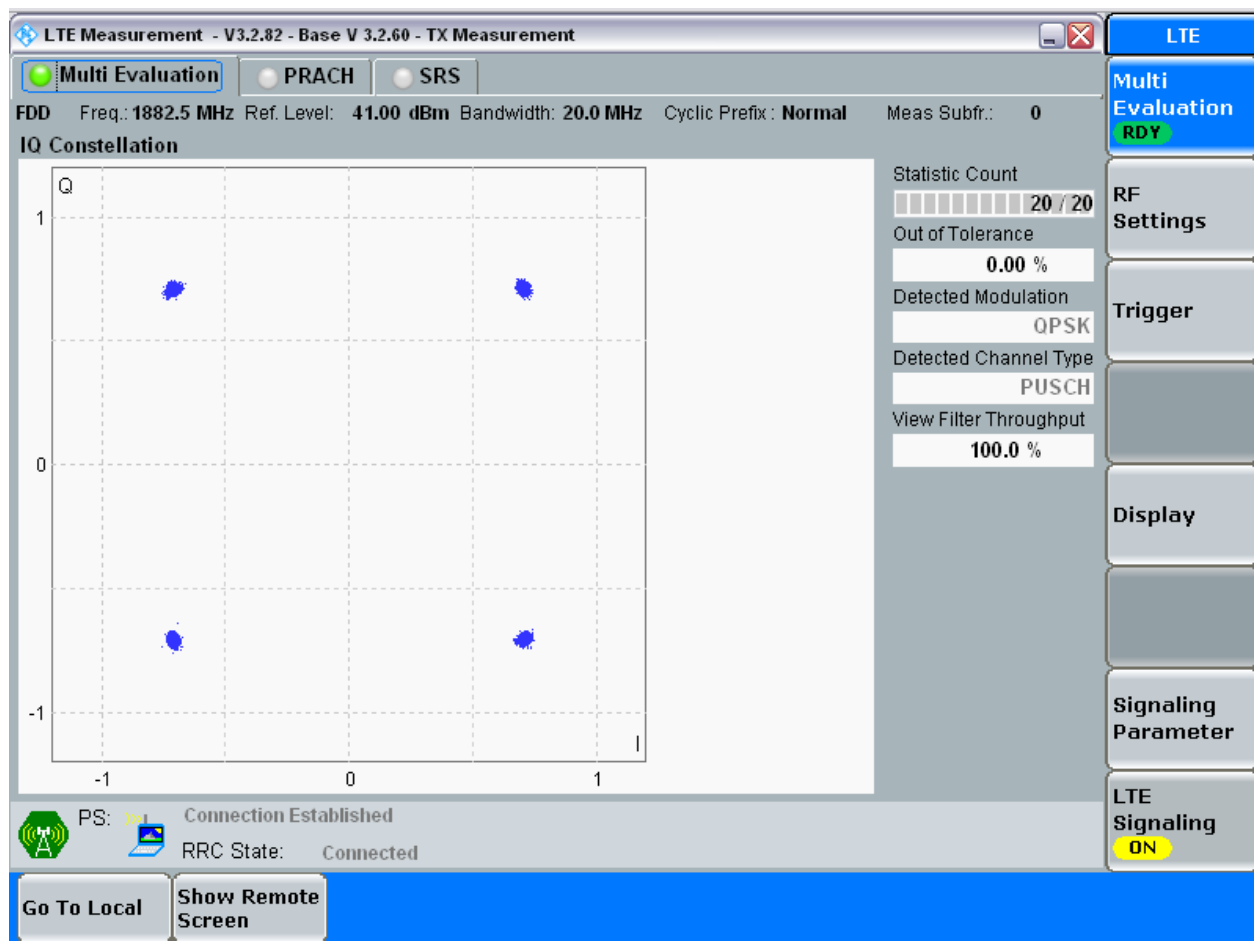
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

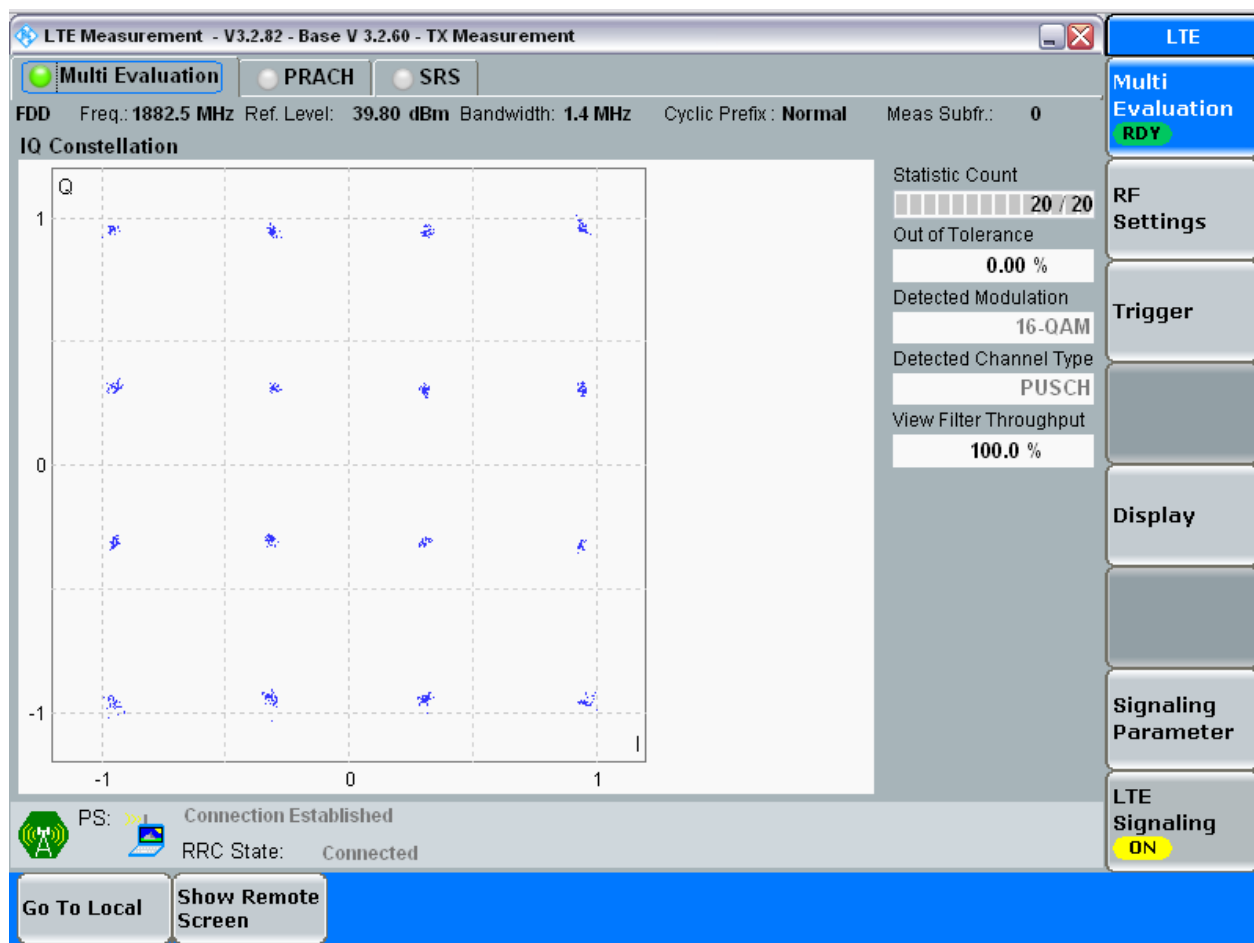


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

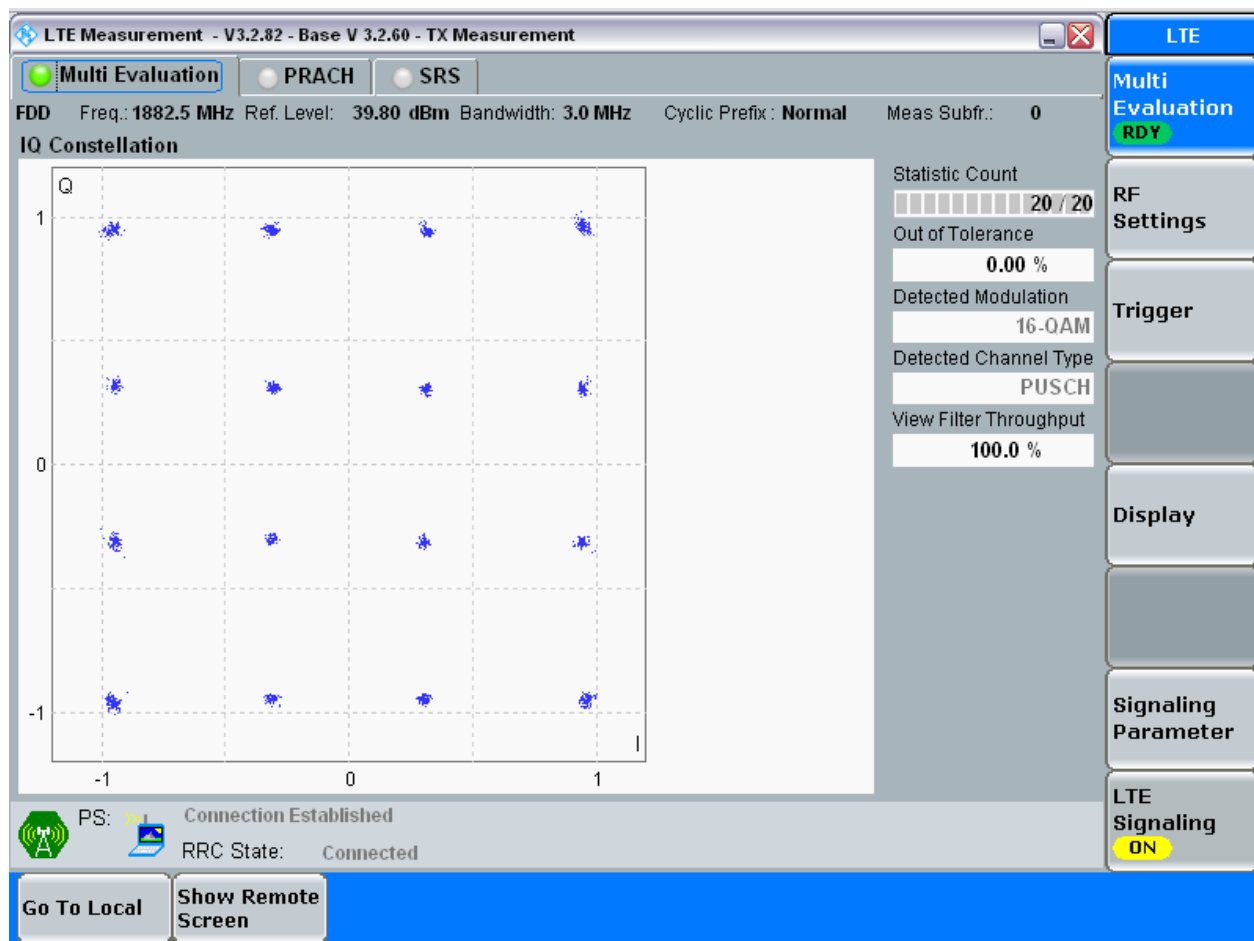
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

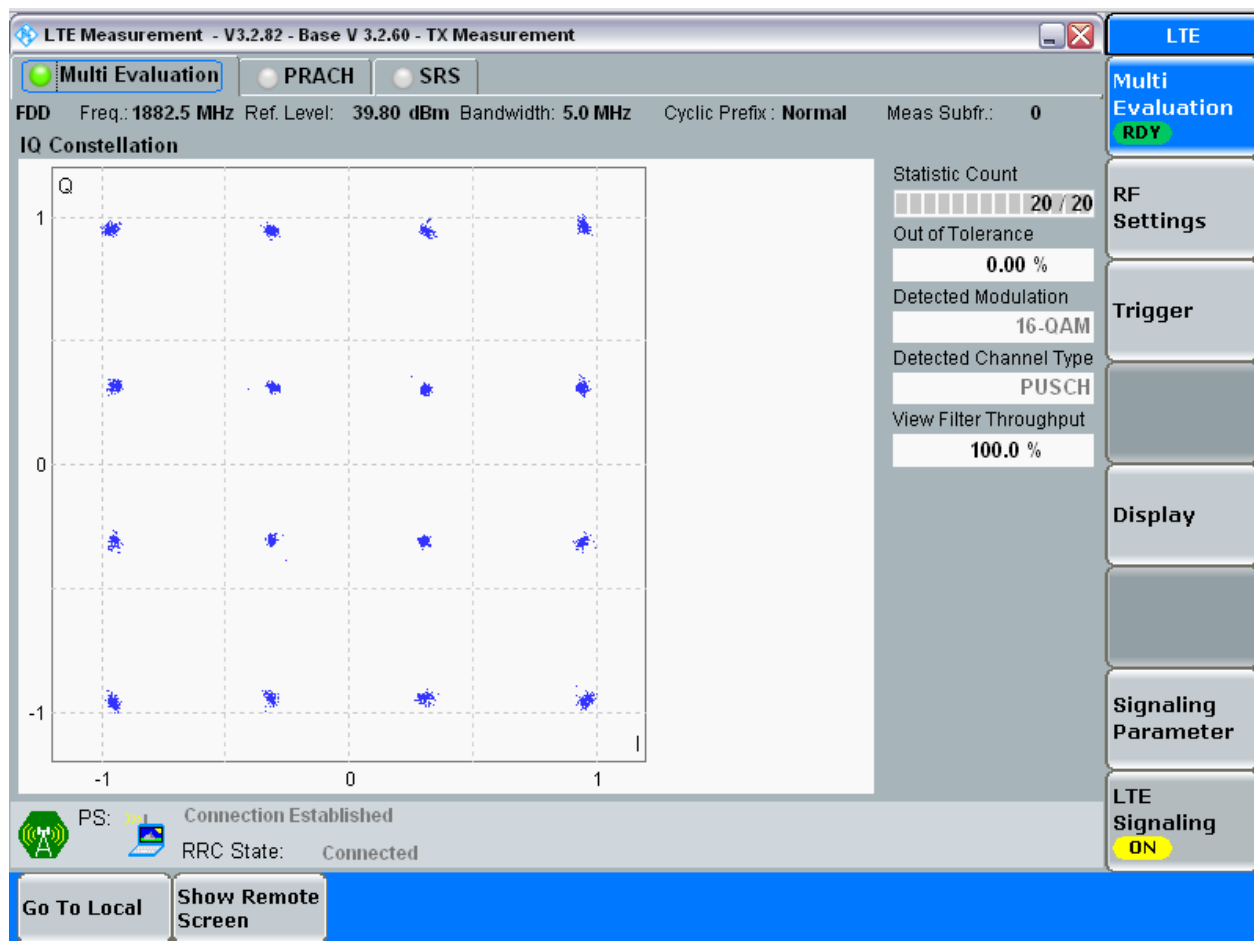
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

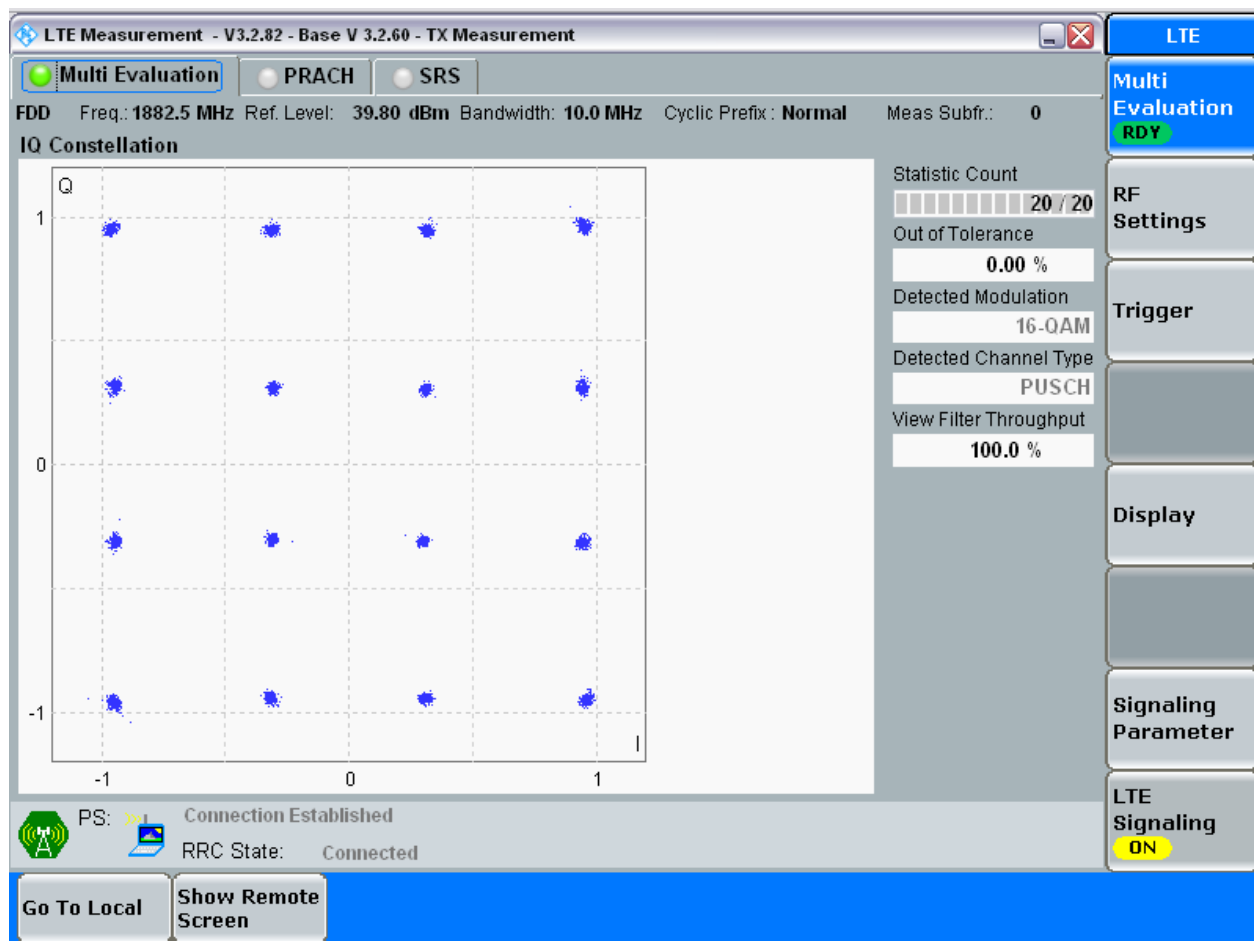
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

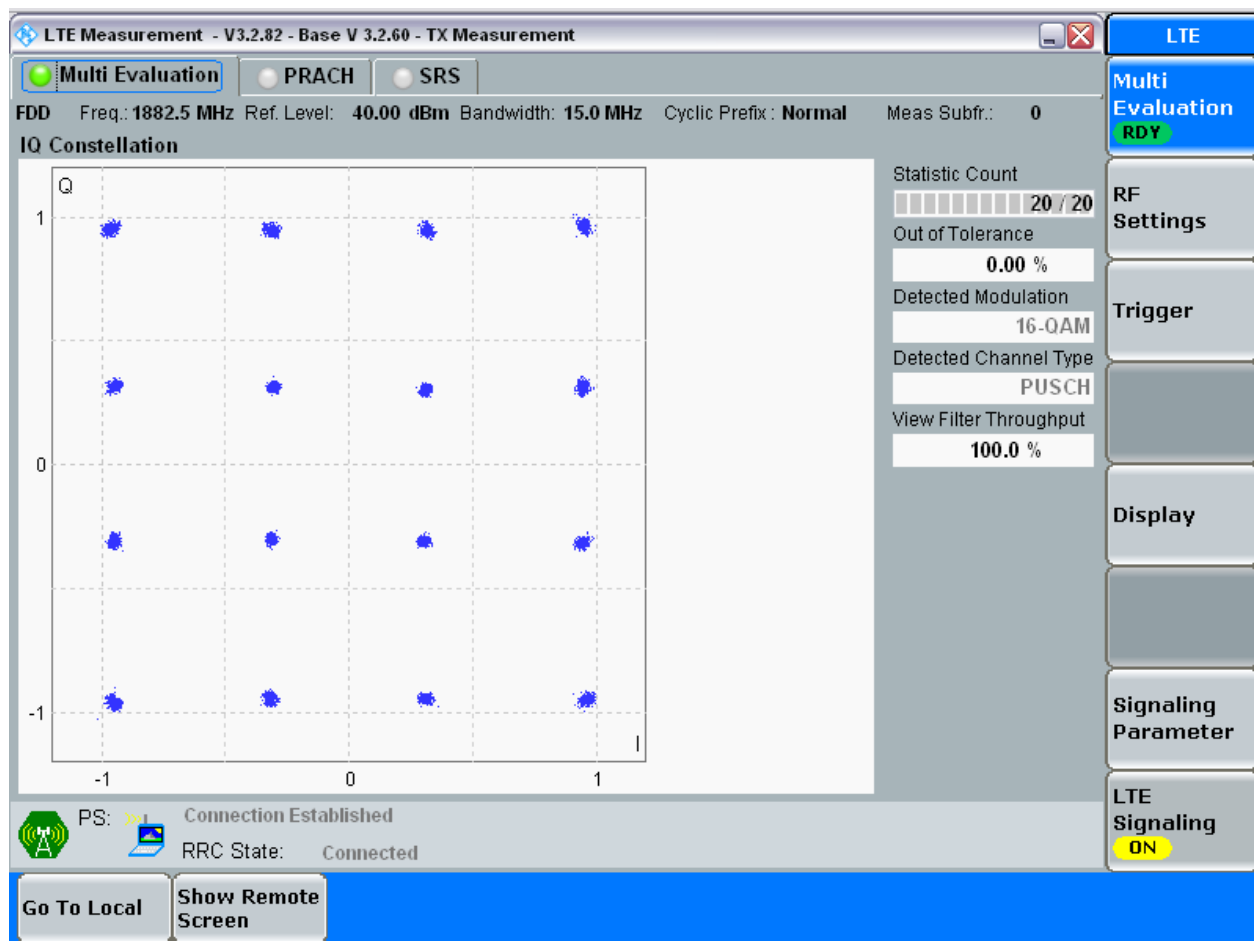
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

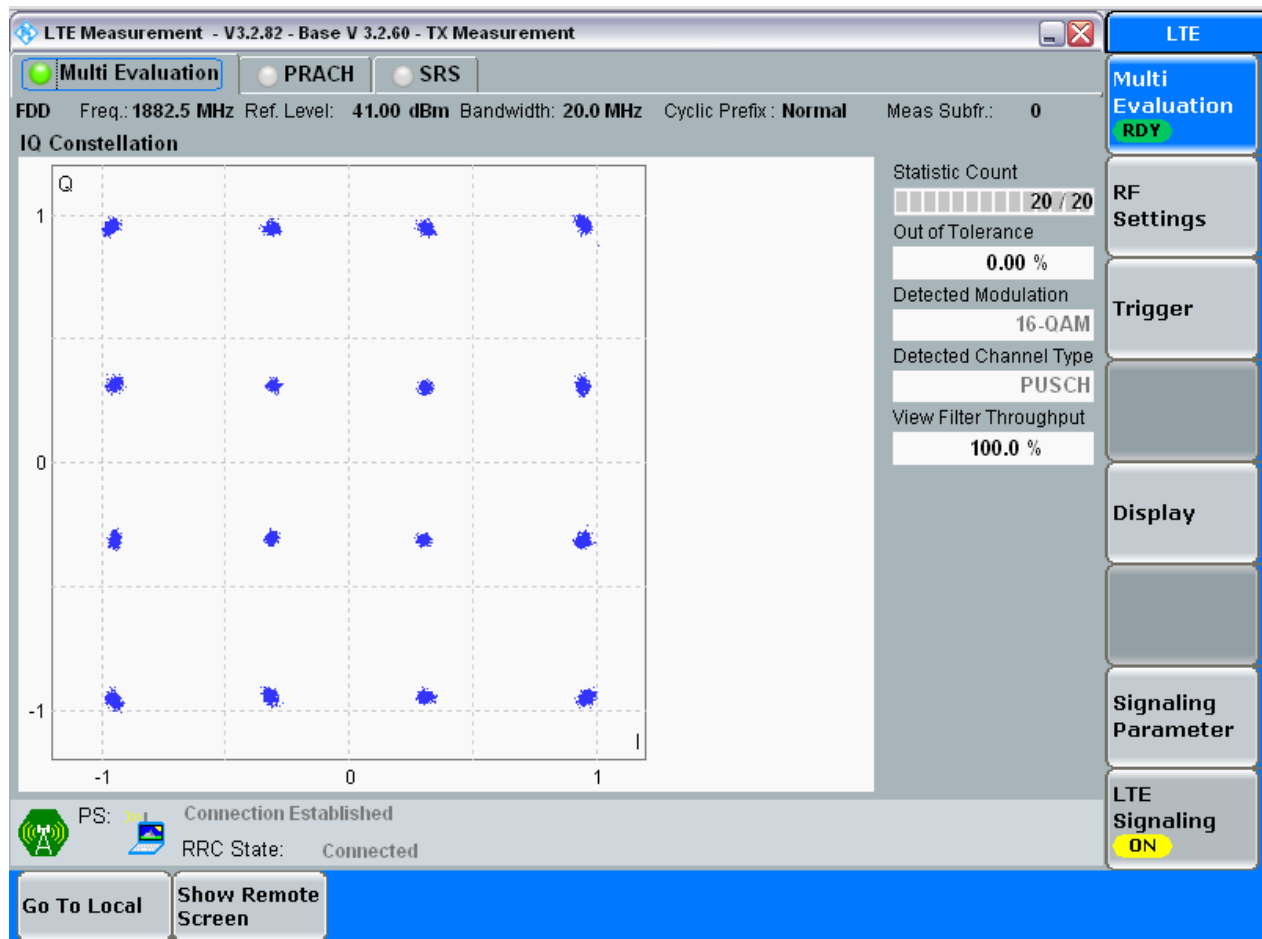
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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 |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| BAND25    | LTE/TM1   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.22                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.22                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.92                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.70                     | 2.94                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.49                     | 4.86                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 4.85                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.49                     | 4.86                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 9.66                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.00                     | 9.63                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.65                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.50                    | 14.50                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.51                    | 14.47                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.47                    | 14.32                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.96                    | 19.01                    | Pass    |
|           |           |                | MCH          | RB100#0 | 18.02                    | 19.07                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.95                    | 19.12                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.94                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.93                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.49                     | 4.86                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.49                     | 4.88                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.49                     | 4.84                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 9.68                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.68                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.99                     | 9.67                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.48                    | 14.36                    | Pass    |



| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
|           |           |                | MCH          | RB75#0  | 13.51                    | 14.43                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.47                    | 14.41                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.96                    | 19.06                    | Pass    |
|           |           |                | MCH          | RB100#0 | 18.03                    | 19.11                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.96                    | 19.07                    | Pass    |

## Part II - Test Plots

### 4.1 For LTE

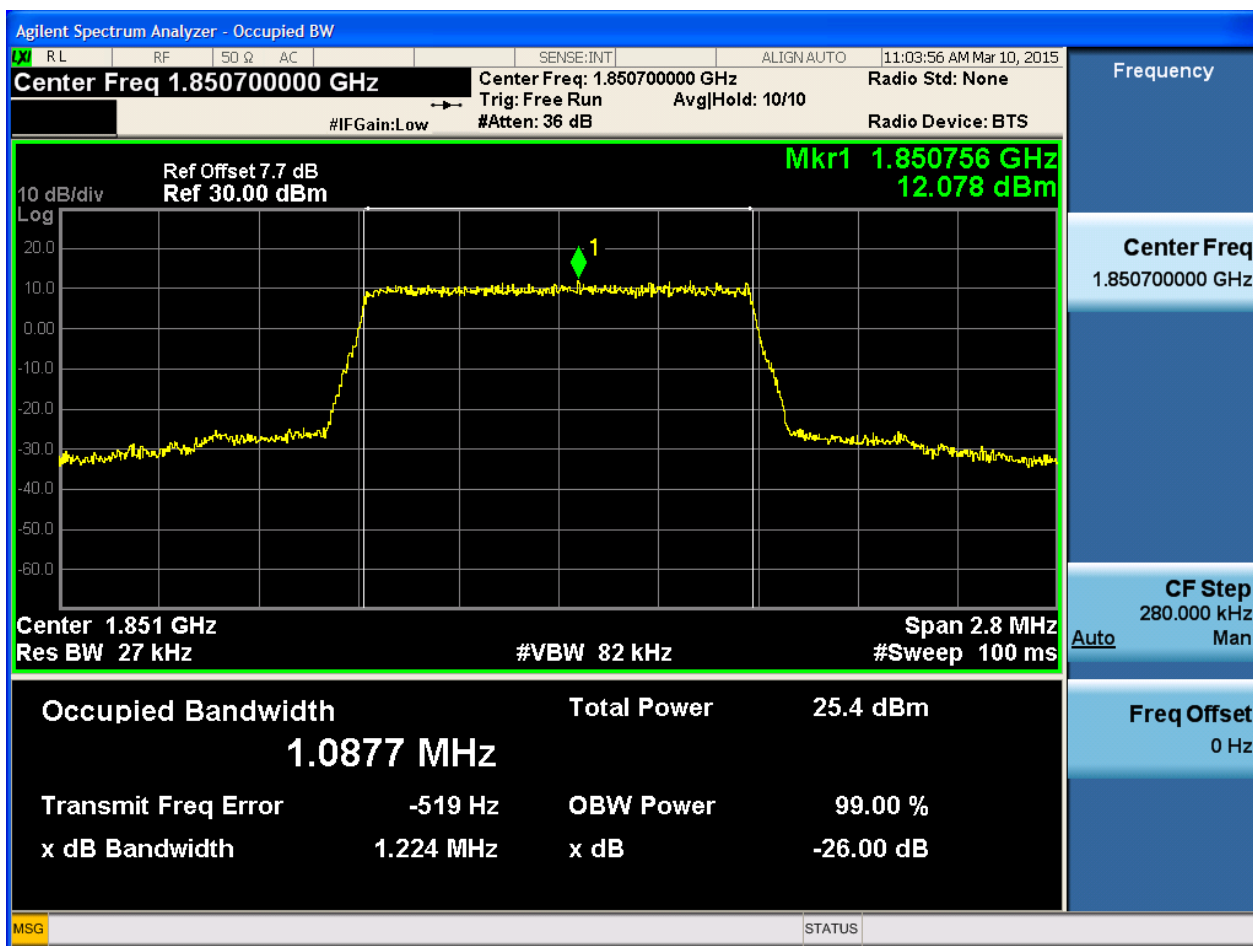
#### 4.1.1 Test Band = BAND25

#### 4.1.1.1 Test Mode = LTE/TM1

#### 4.1.1.1.1 Test Bandwidth = 1.4

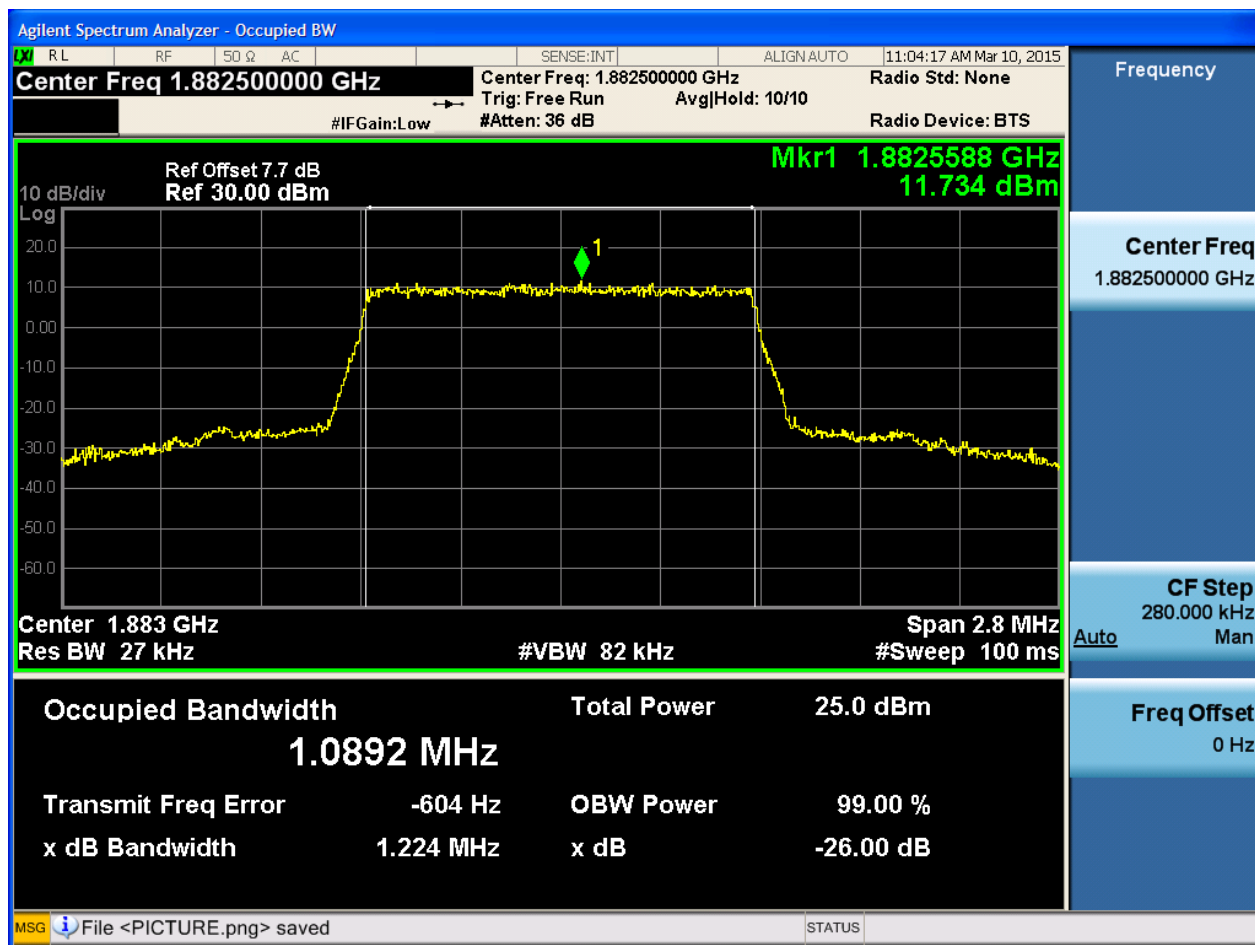
#### 4.1.1.1.1.1 Test Channel = LCH

#### 4.1.1.1.1.1.1 Test RB = RB6#0



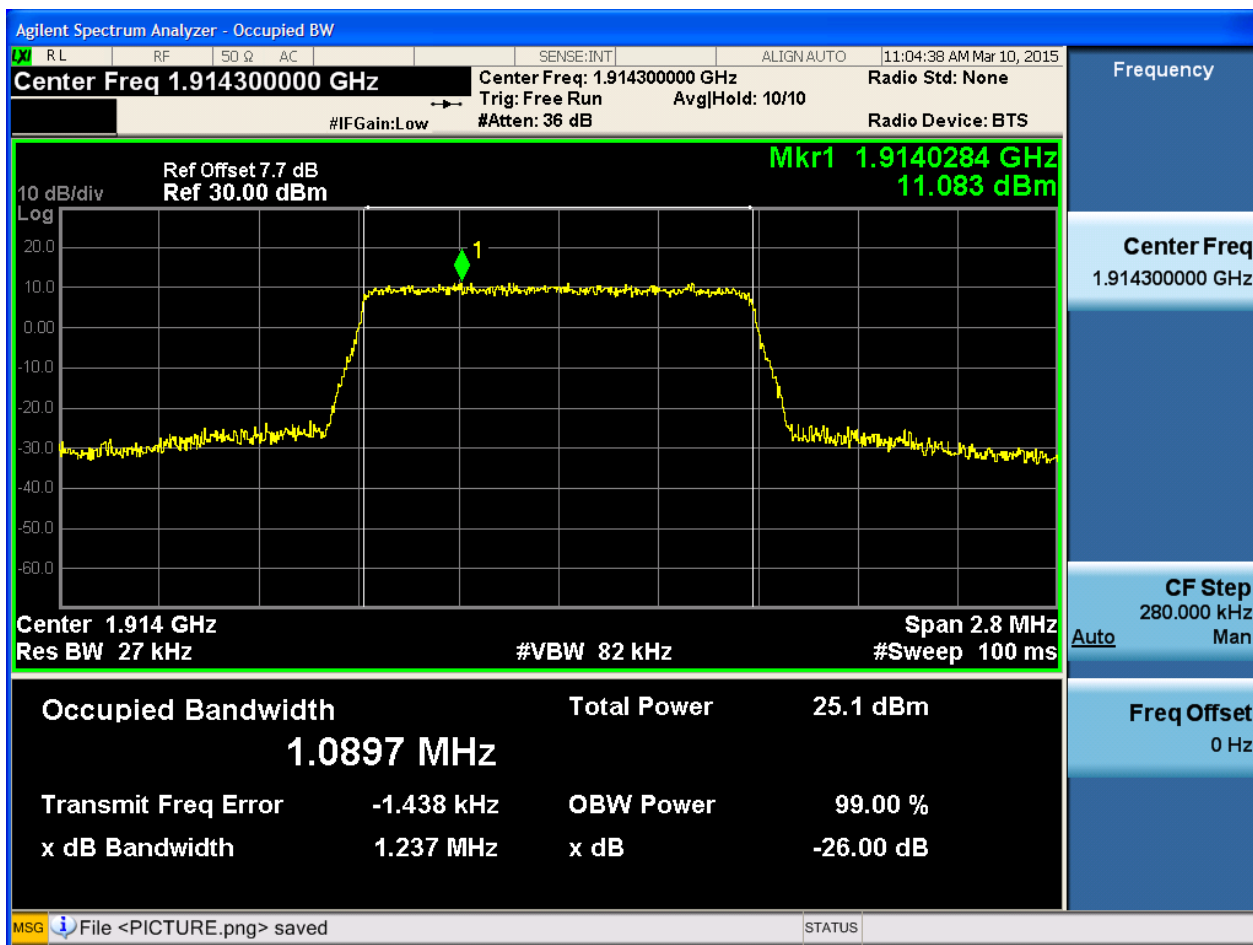
#### 4.1.1.1.1.2 Test Channel = MCH

#### 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

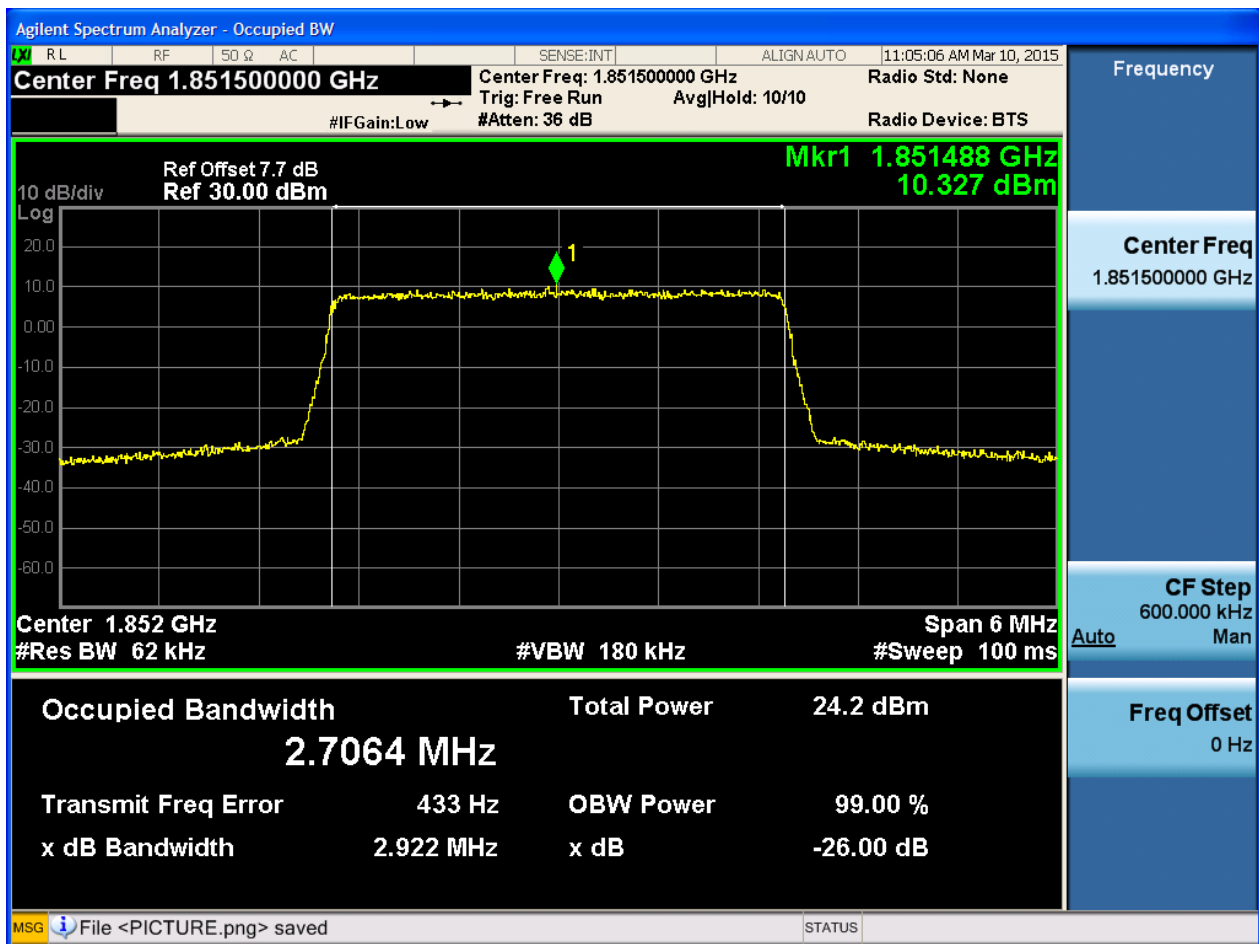




## 4.1.1.1.2 Test Bandwidth = 3

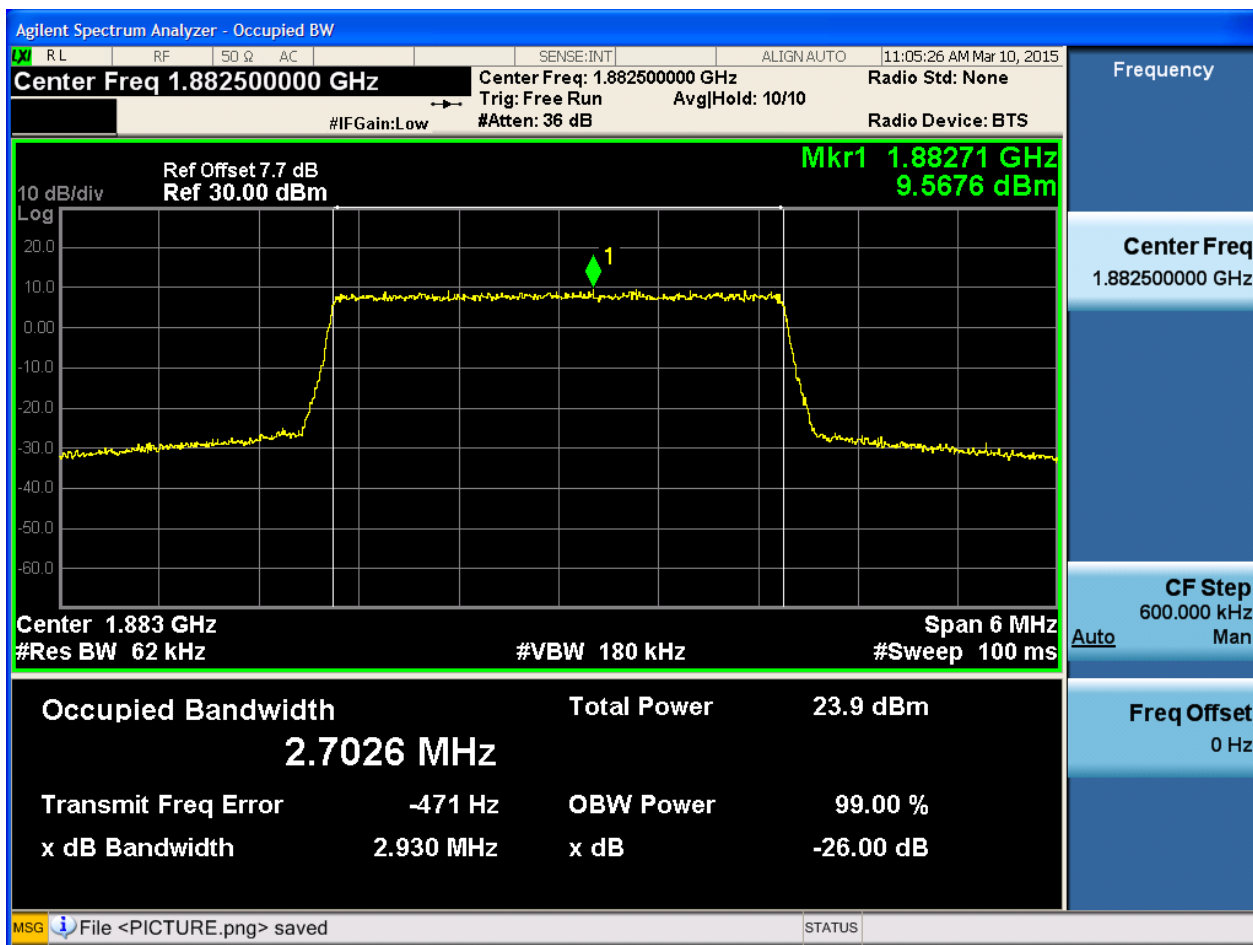
## 4.1.1.1.2.1 Test Channel = LCH

## 4.1.1.1.2.1.1 Test RB = RB15#0



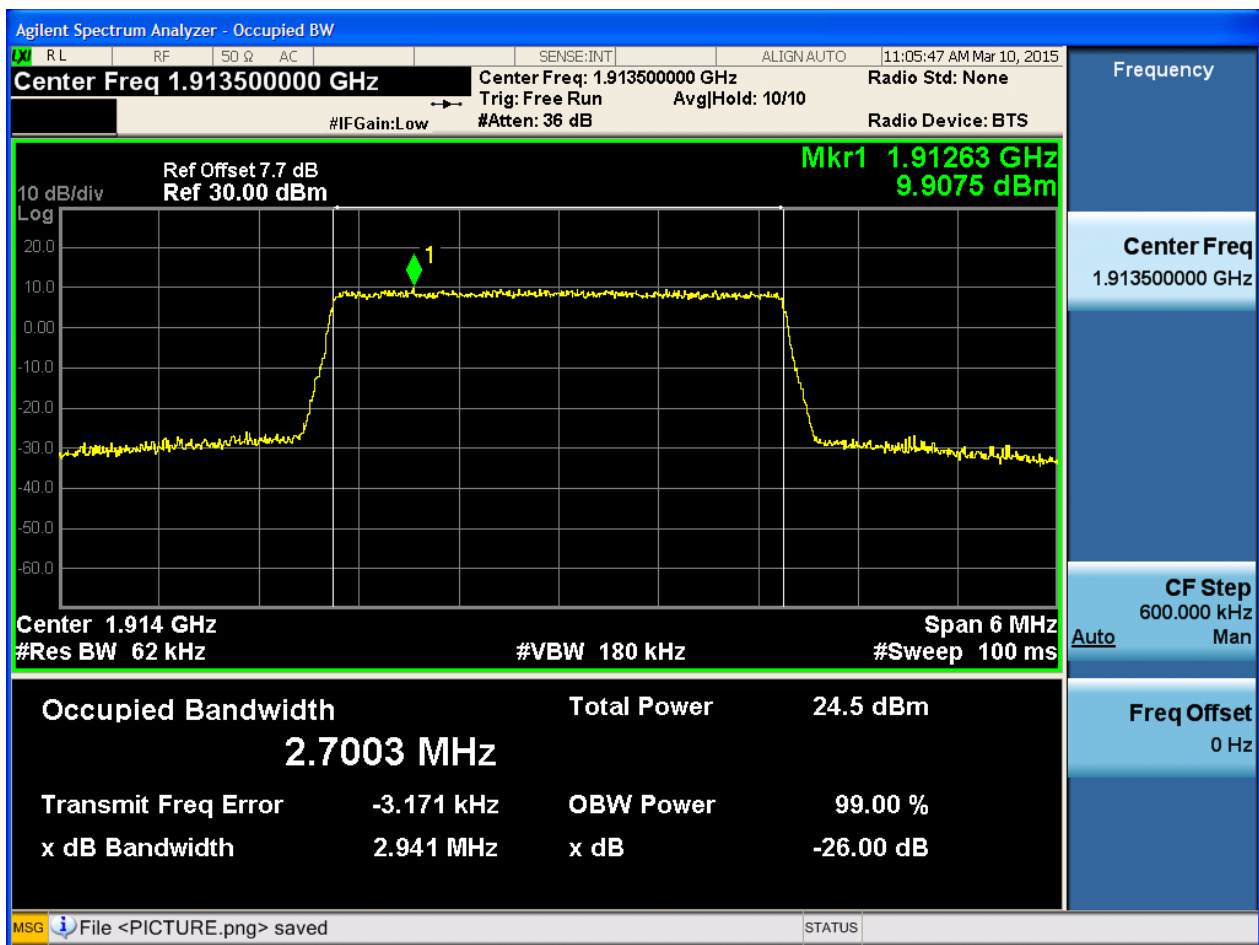
#### 4.1.1.1.2.2 Test Channel = MCH

##### 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

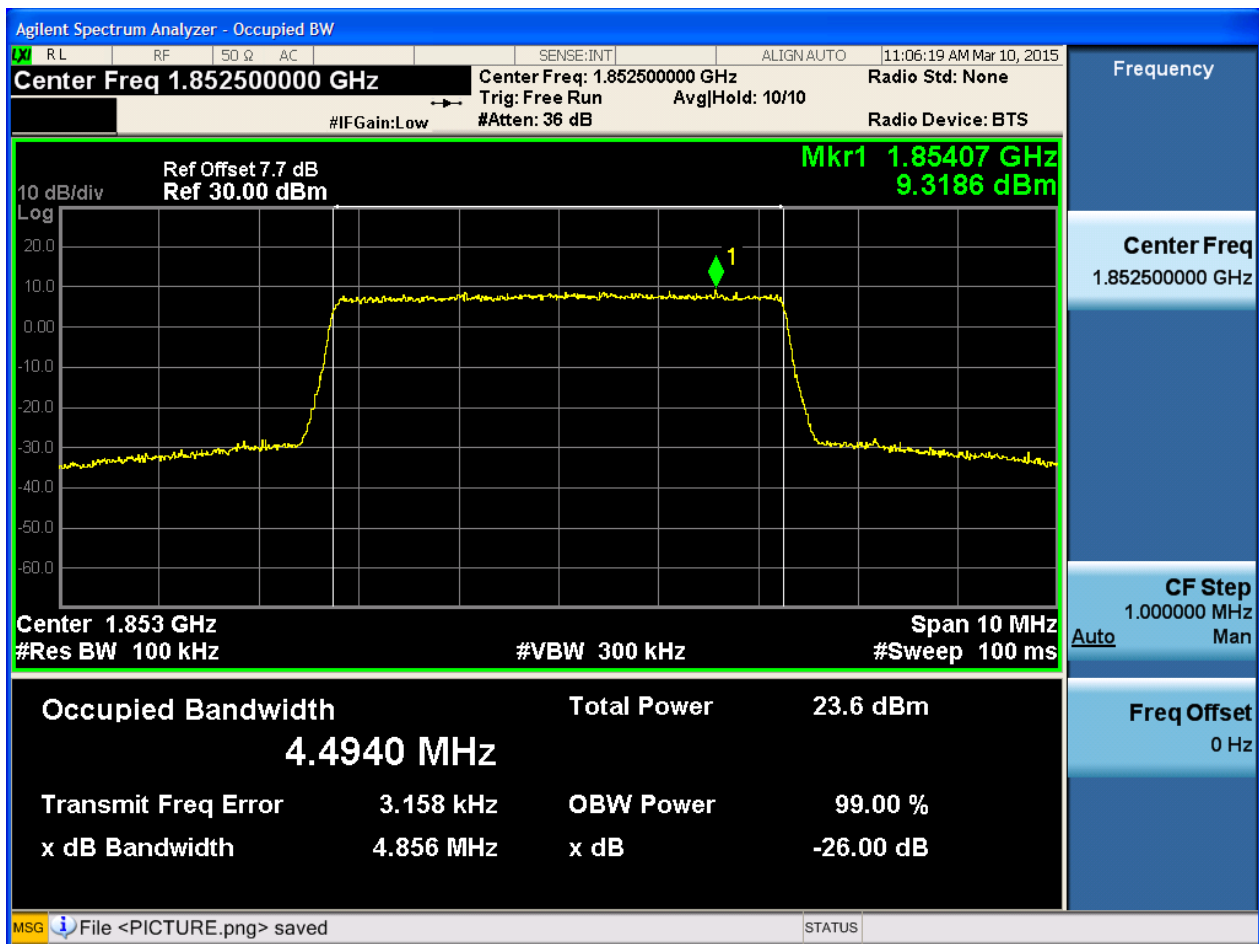




## 4.1.1.1.3 Test Bandwidth = 5

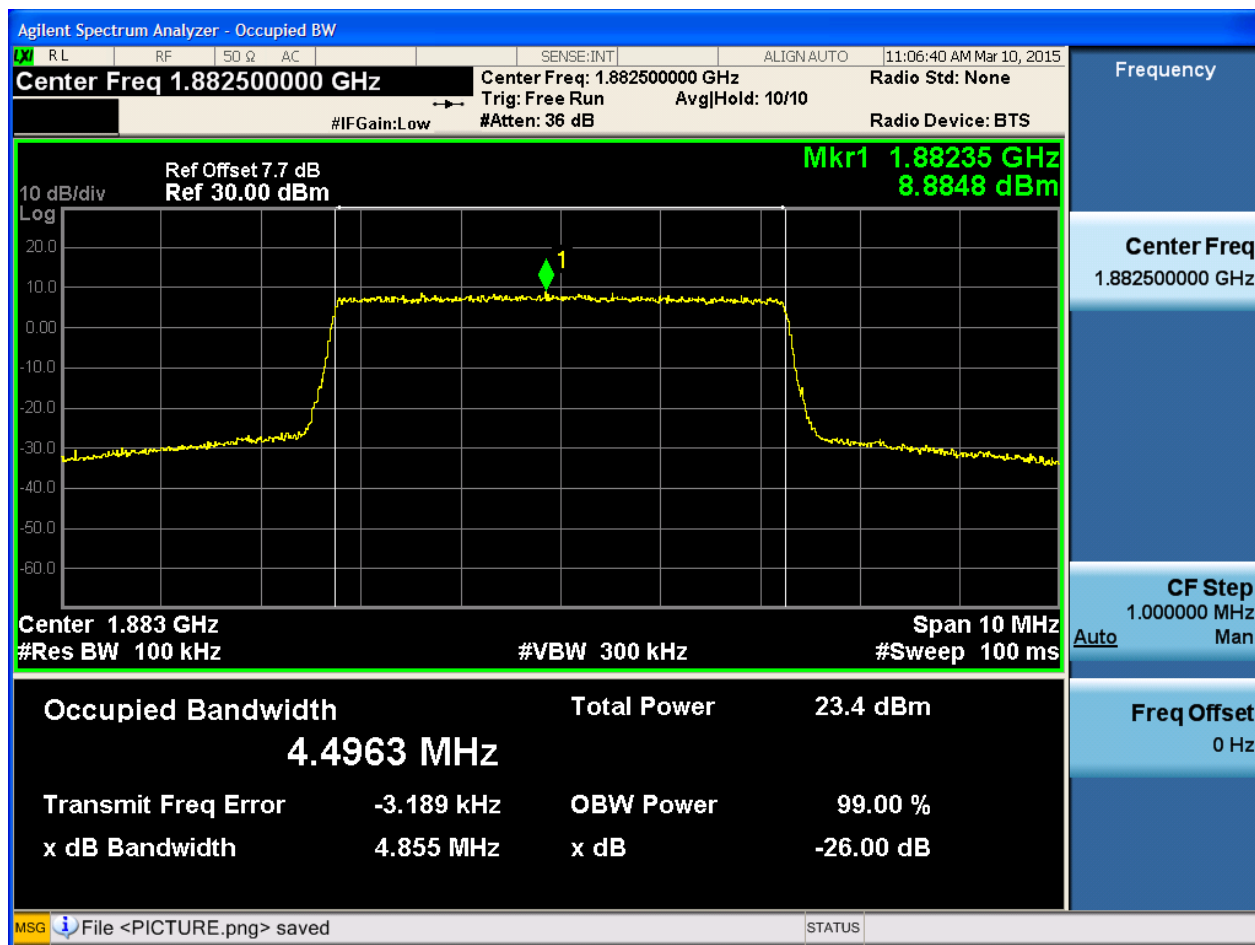
## 4.1.1.1.3.1 Test Channel = LCH

## 4.1.1.1.3.1.1 Test RB = RB25#0



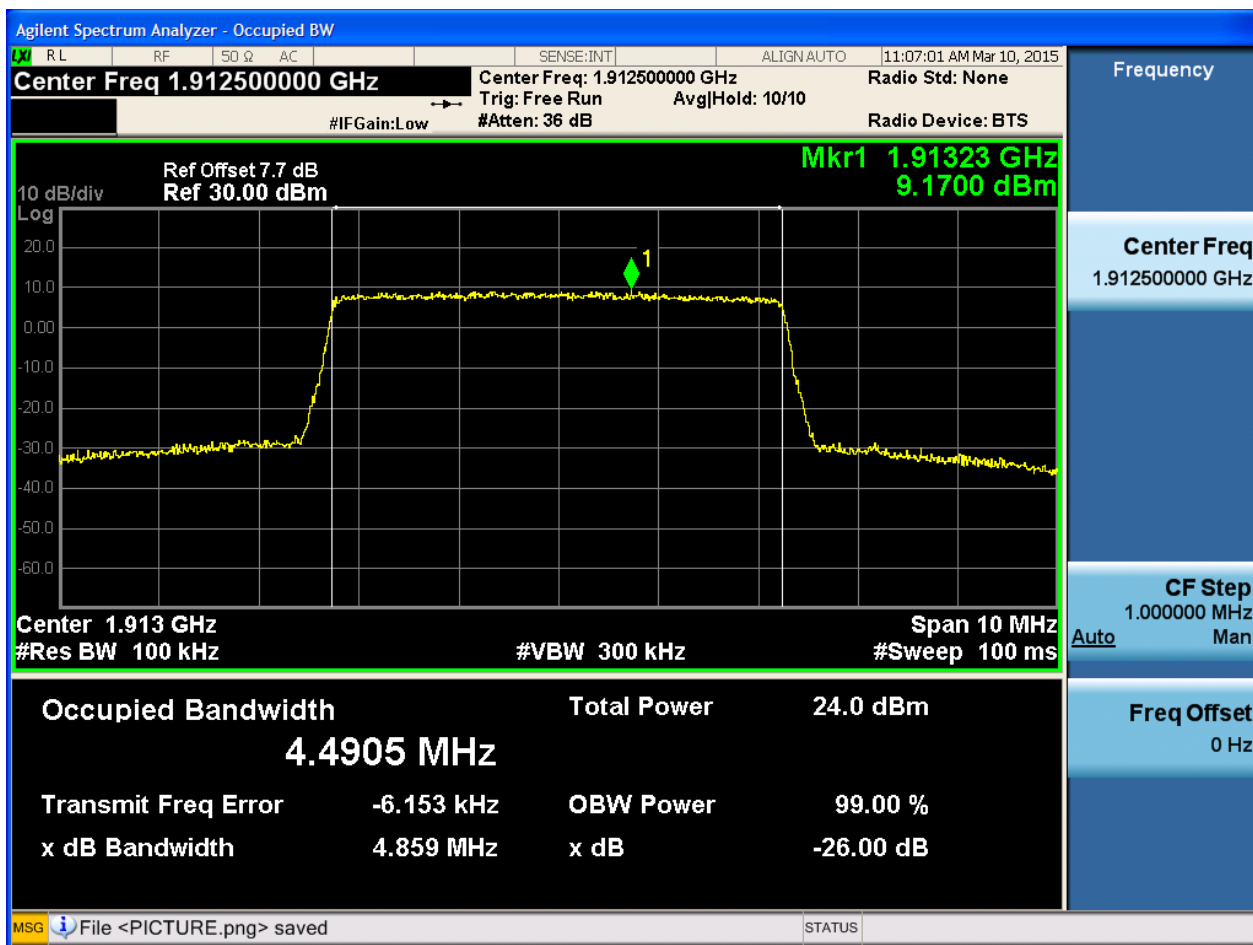
#### 4.1.1.1.3.2 Test Channel = MCH

##### 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

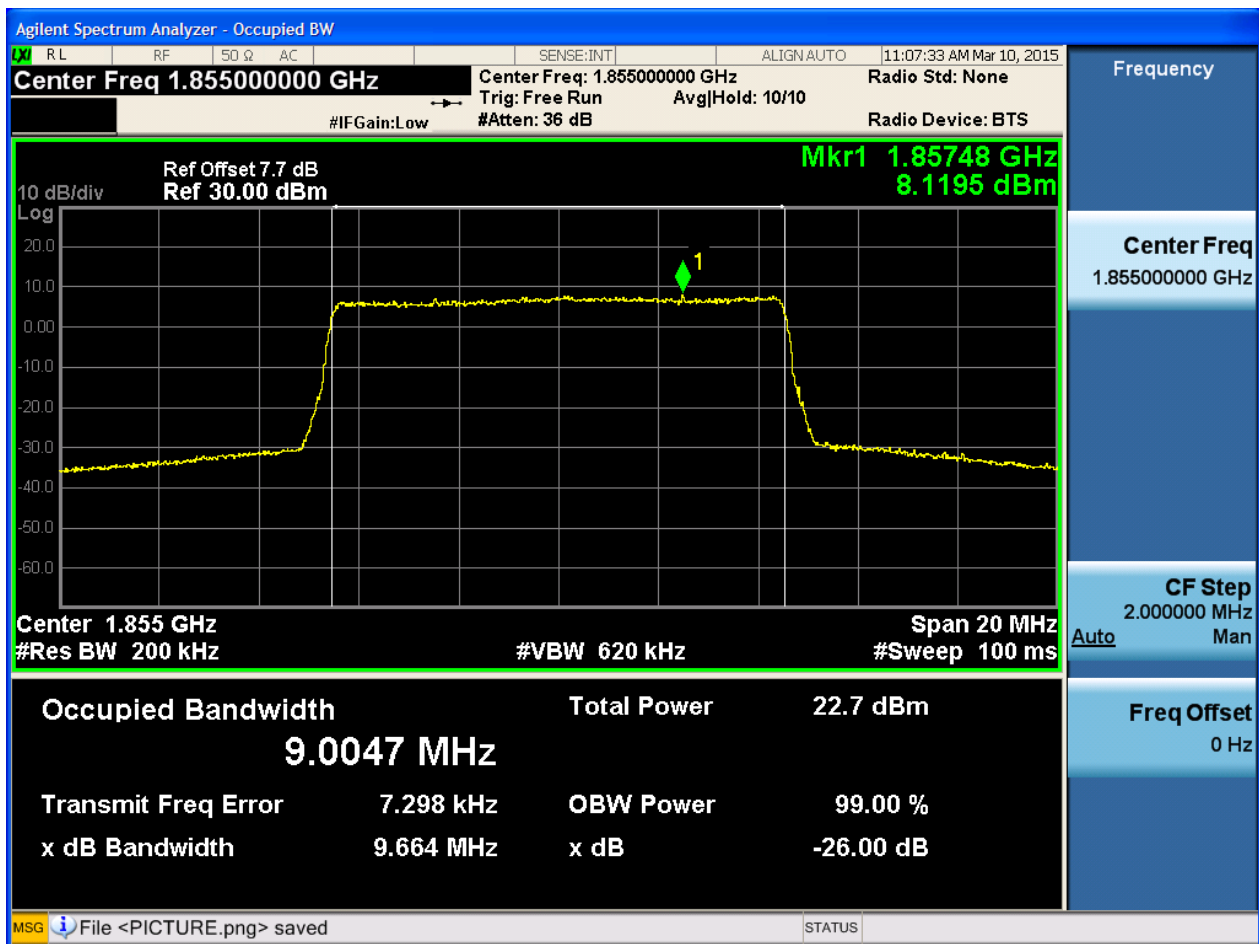




## 4.1.1.1.4 Test Bandwidth = 10

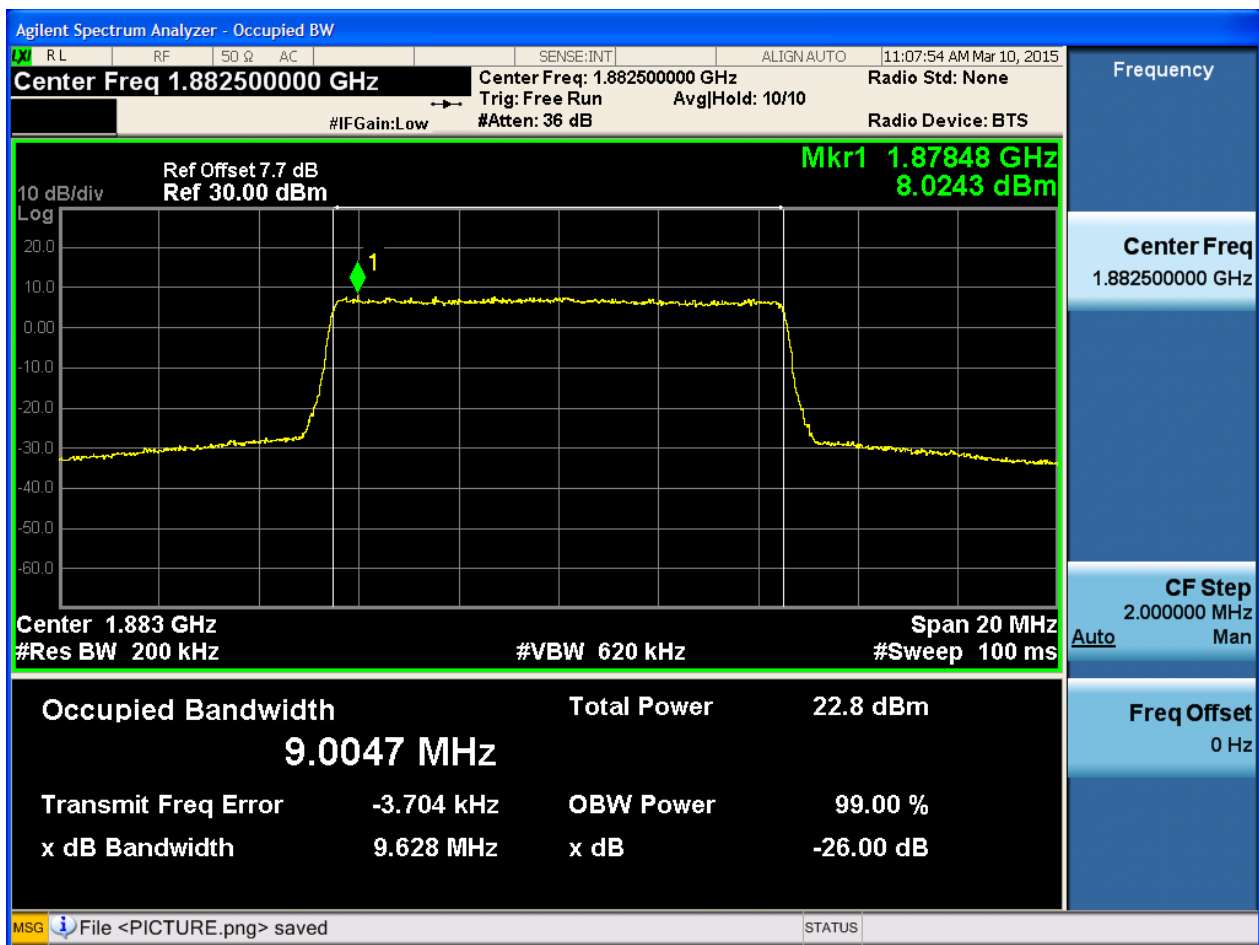
## 4.1.1.1.4.1 Test Channel = LCH

## 4.1.1.1.4.1.1 Test RB = RB50#0



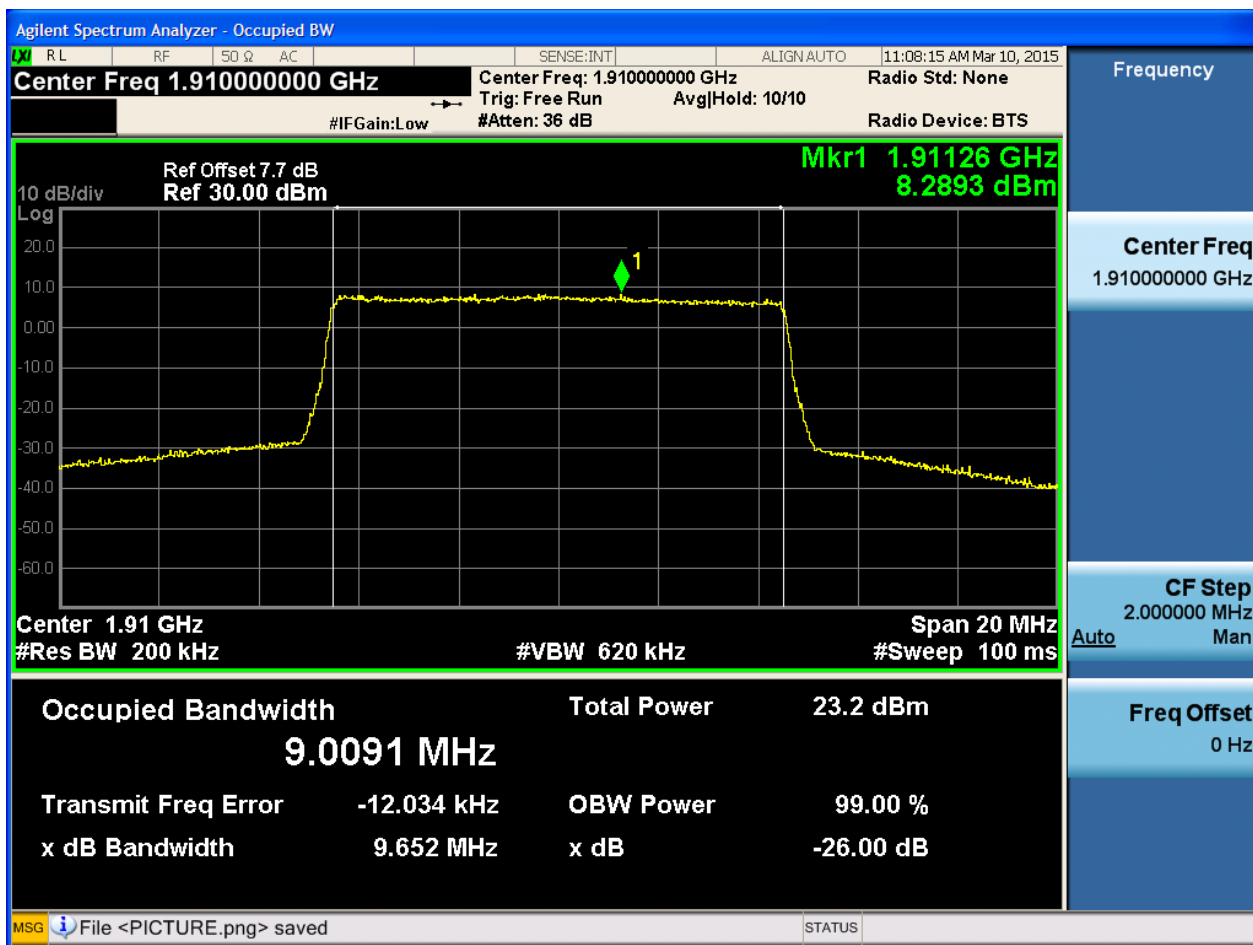
#### 4.1.1.1.4.2 Test Channel = MCH

##### 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

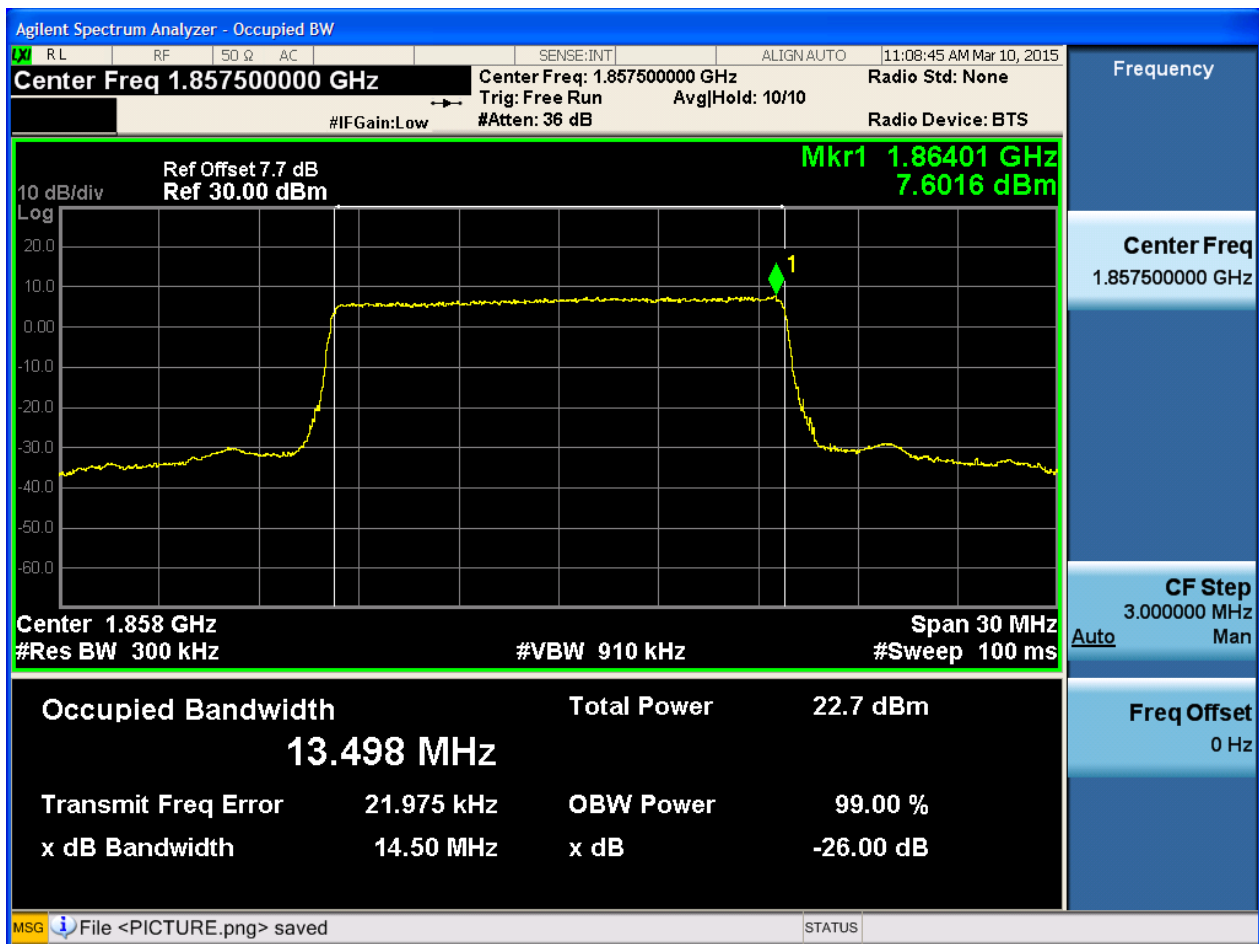




## 4.1.1.1.5 Test Bandwidth = 15

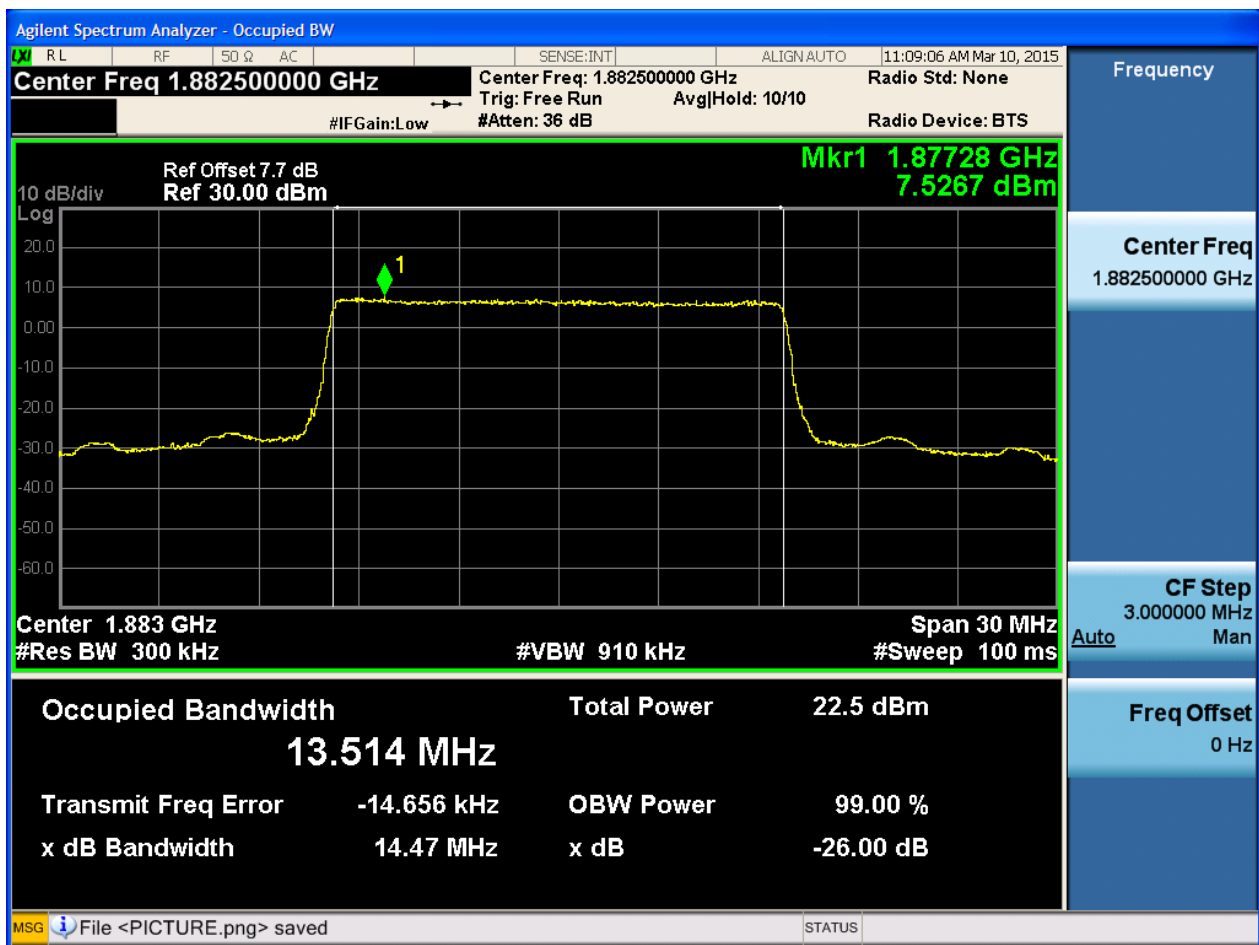
## 4.1.1.1.5.1 Test Channel = LCH

## 4.1.1.1.5.1.1 Test RB = RB75#0



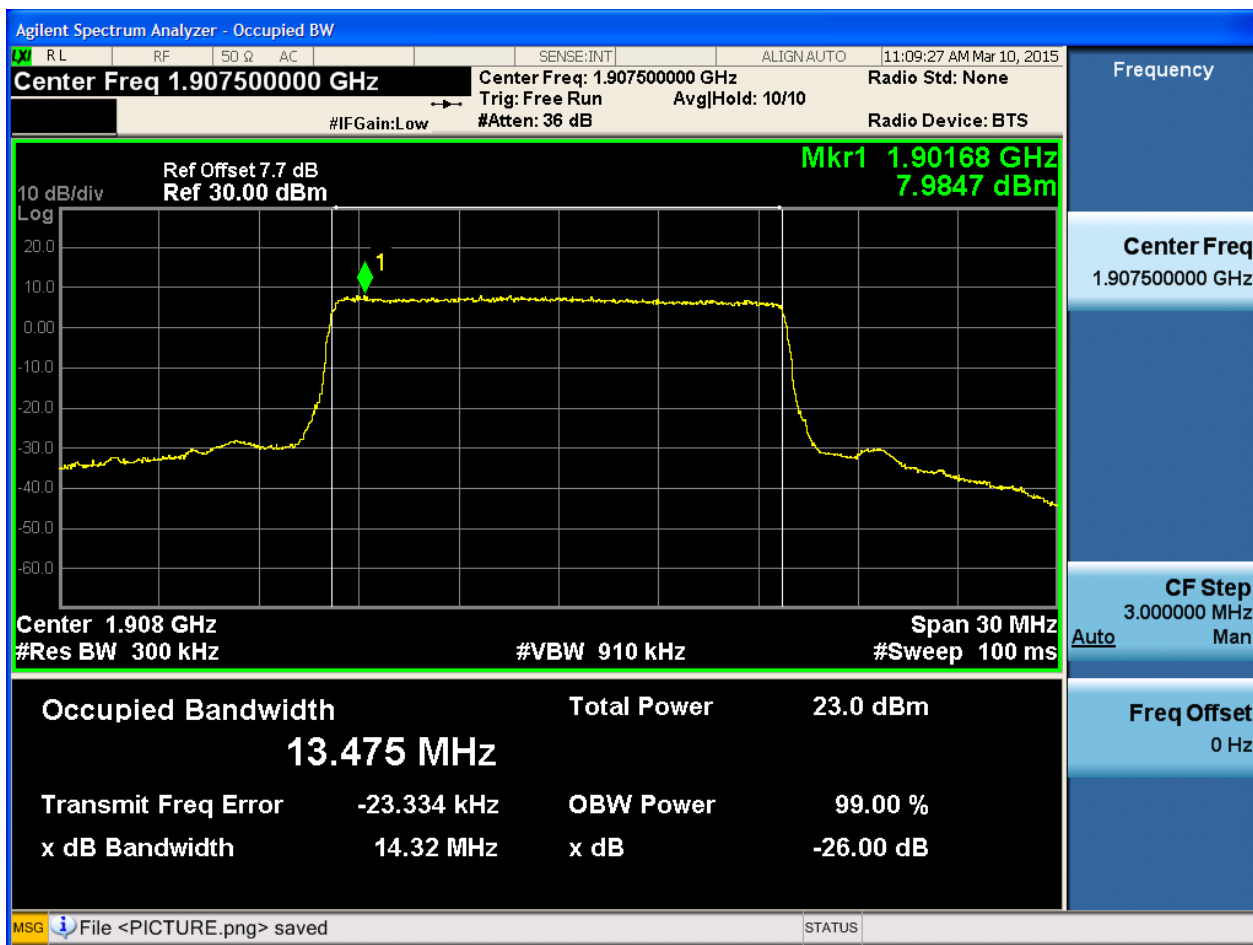
#### 4.1.1.1.5.2 Test Channel = MCH

##### 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

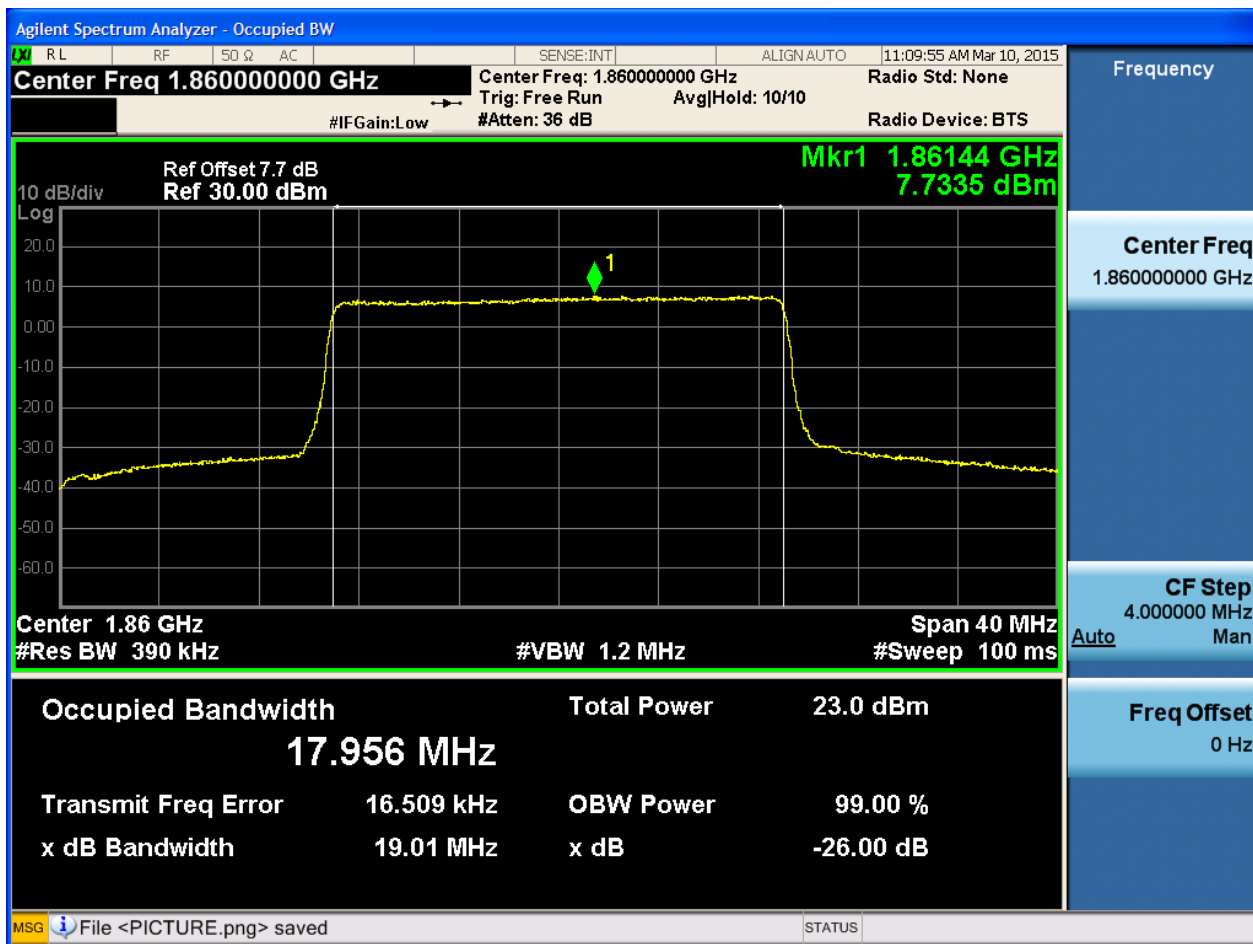




## 4.1.1.1.6 Test Bandwidth = 20

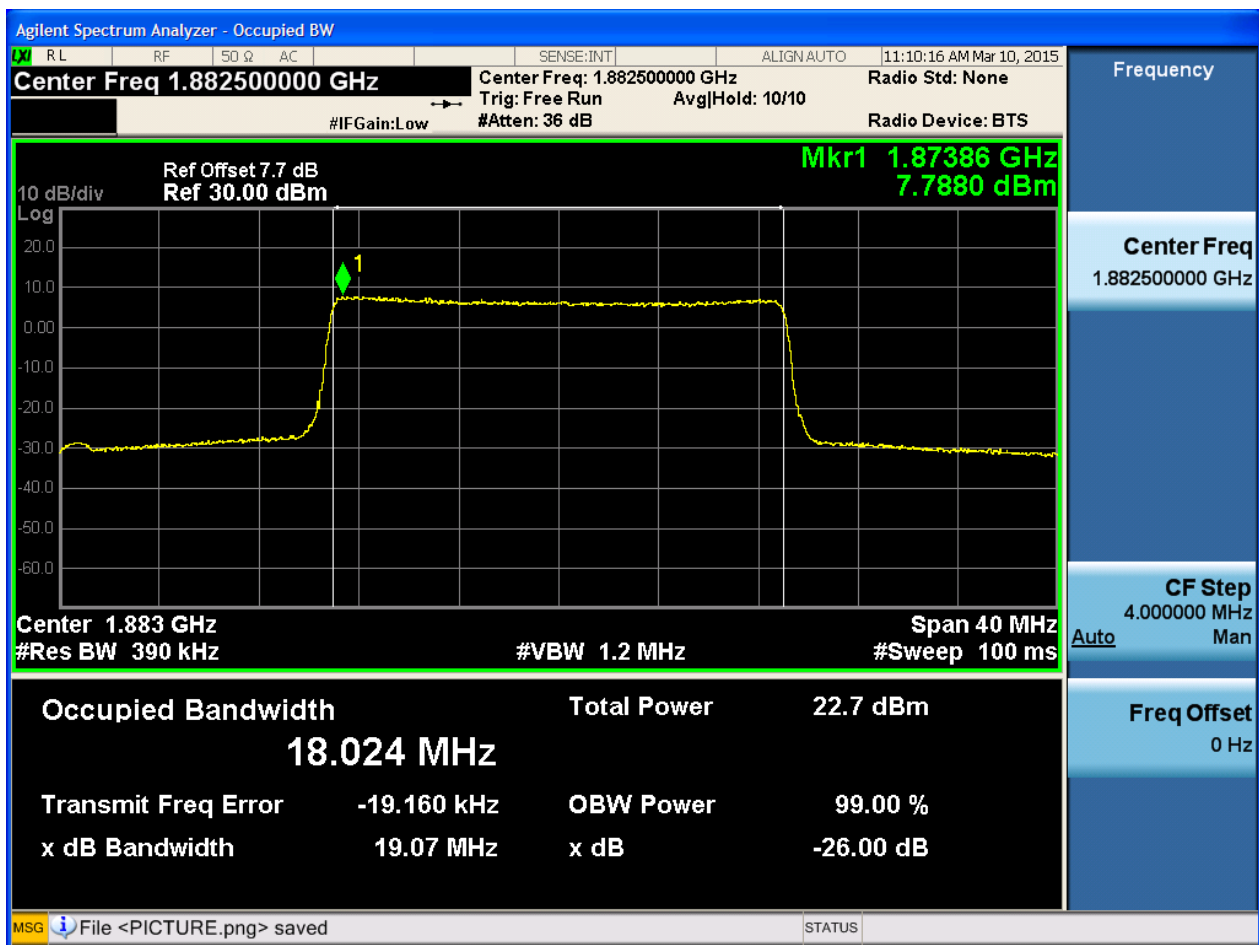
## 4.1.1.1.6.1 Test Channel = LCH

## 4.1.1.1.6.1.1 Test RB = RB100#0



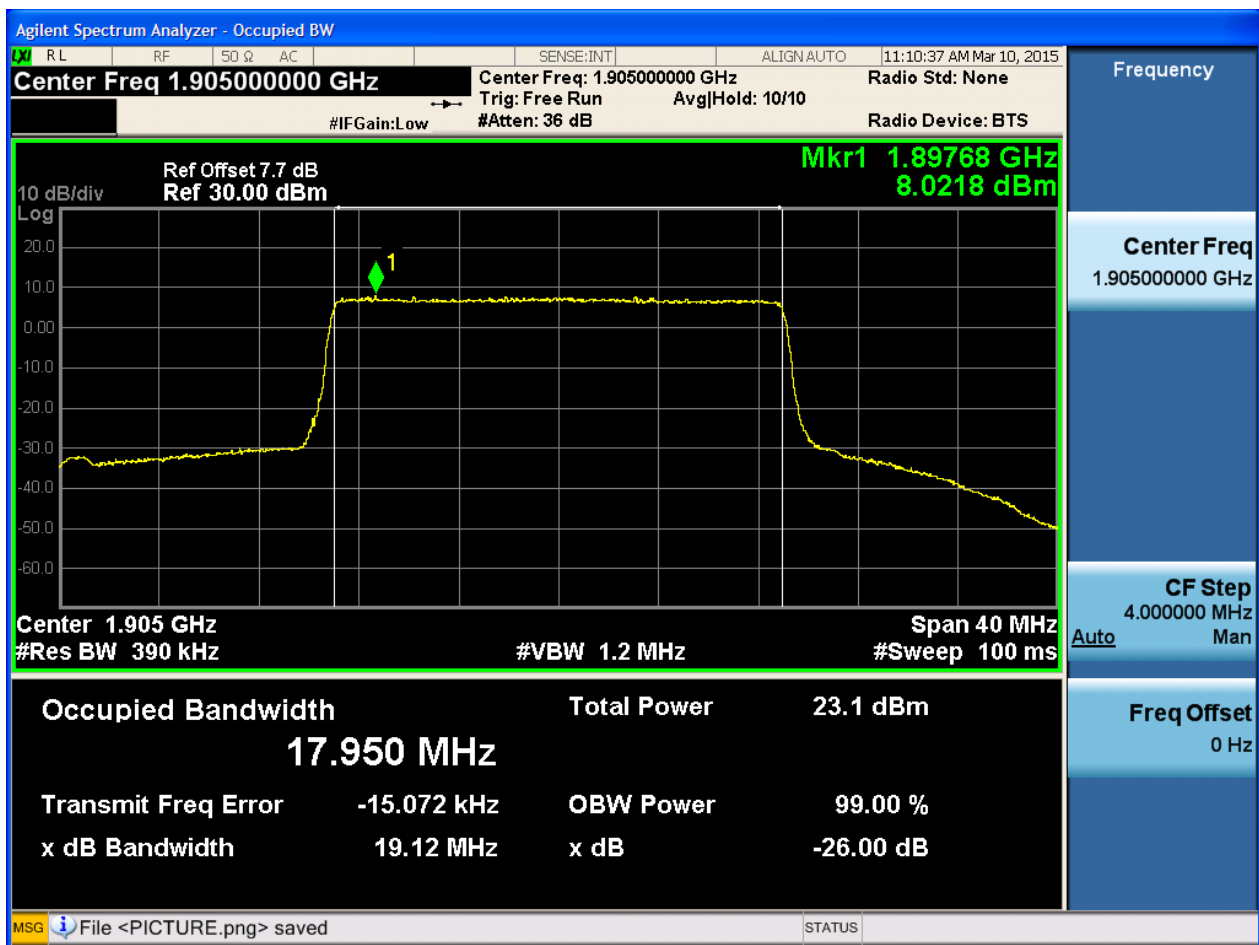
#### 4.1.1.1.6.2 Test Channel = MCH

##### 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



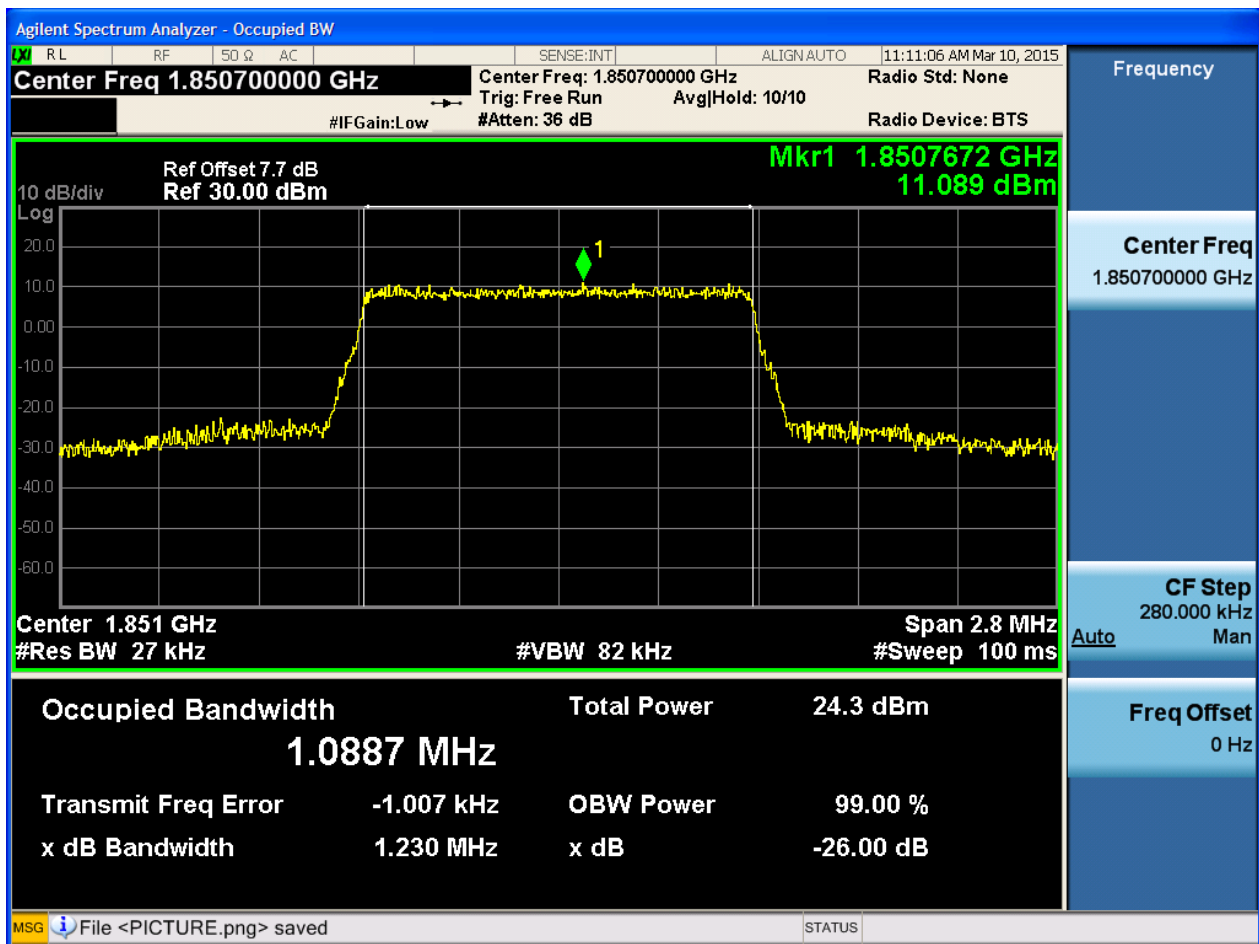


## 4.1.1.2 Test Mode = LTE/TM2

## 4.1.1.2.1 Test Bandwidth = 1.4

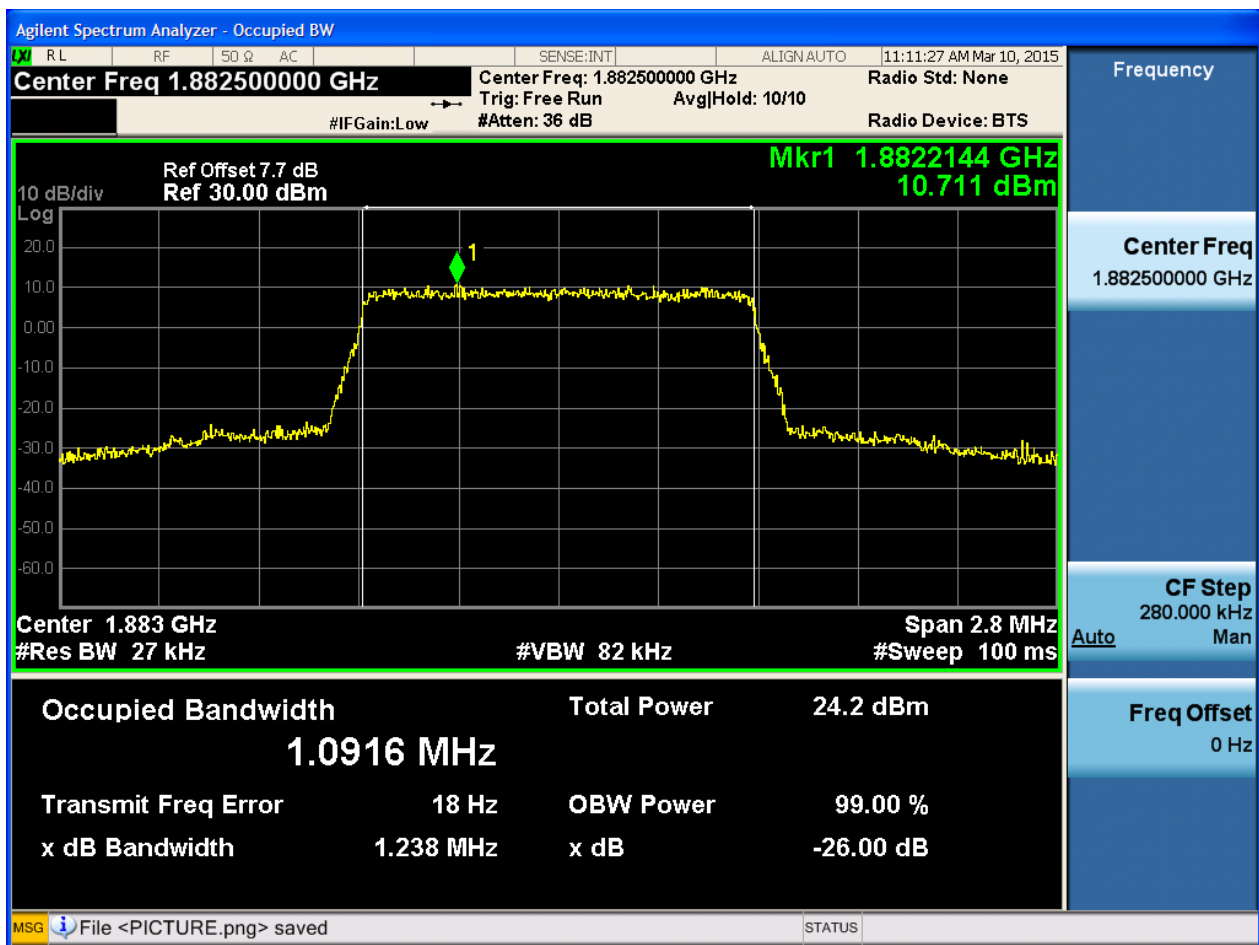
## 4.1.1.2.1.1 Test Channel = LCH

## 4.1.1.2.1.1.1 Test RB = RB6#0



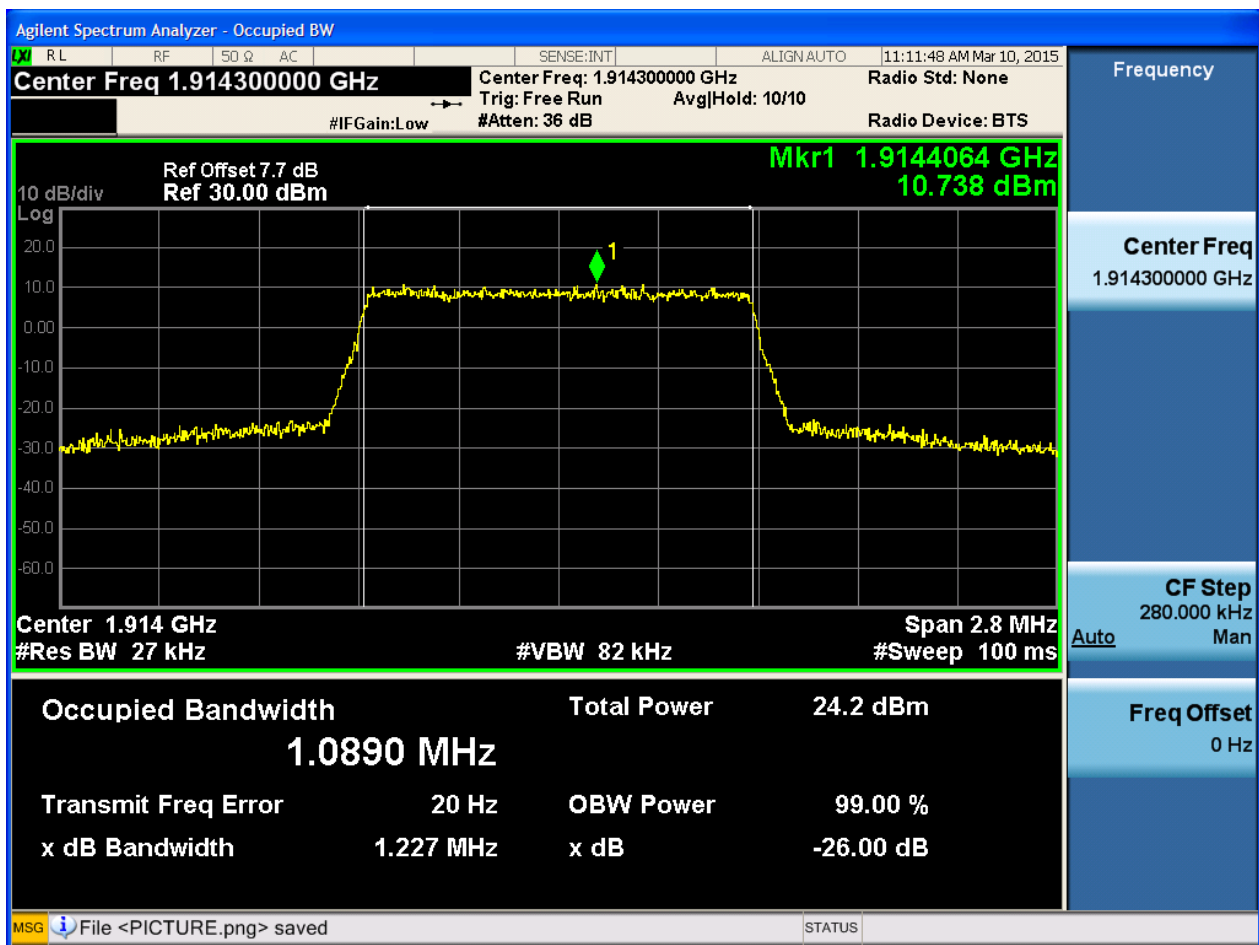
#### 4.1.1.2.1.2 Test Channel = MCH

##### 4.1.1.2.1.2.1 Test RB = RB6#0



#### 4.1.1.2.1.3 Test Channel = HCH

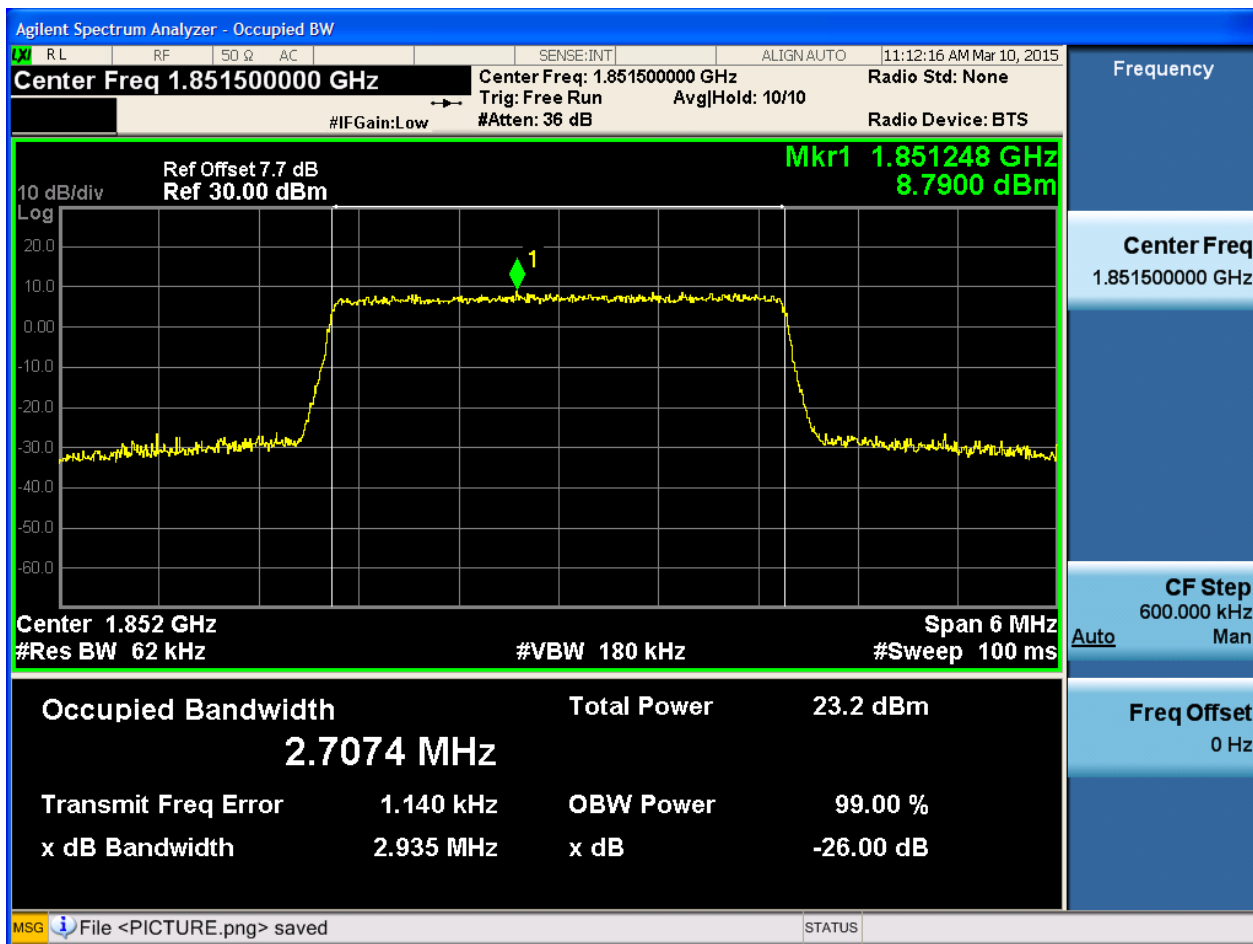
##### 4.1.1.2.1.3.1 Test RB = RB6#0



#### 4.1.1.2.2 Test Bandwidth = 3

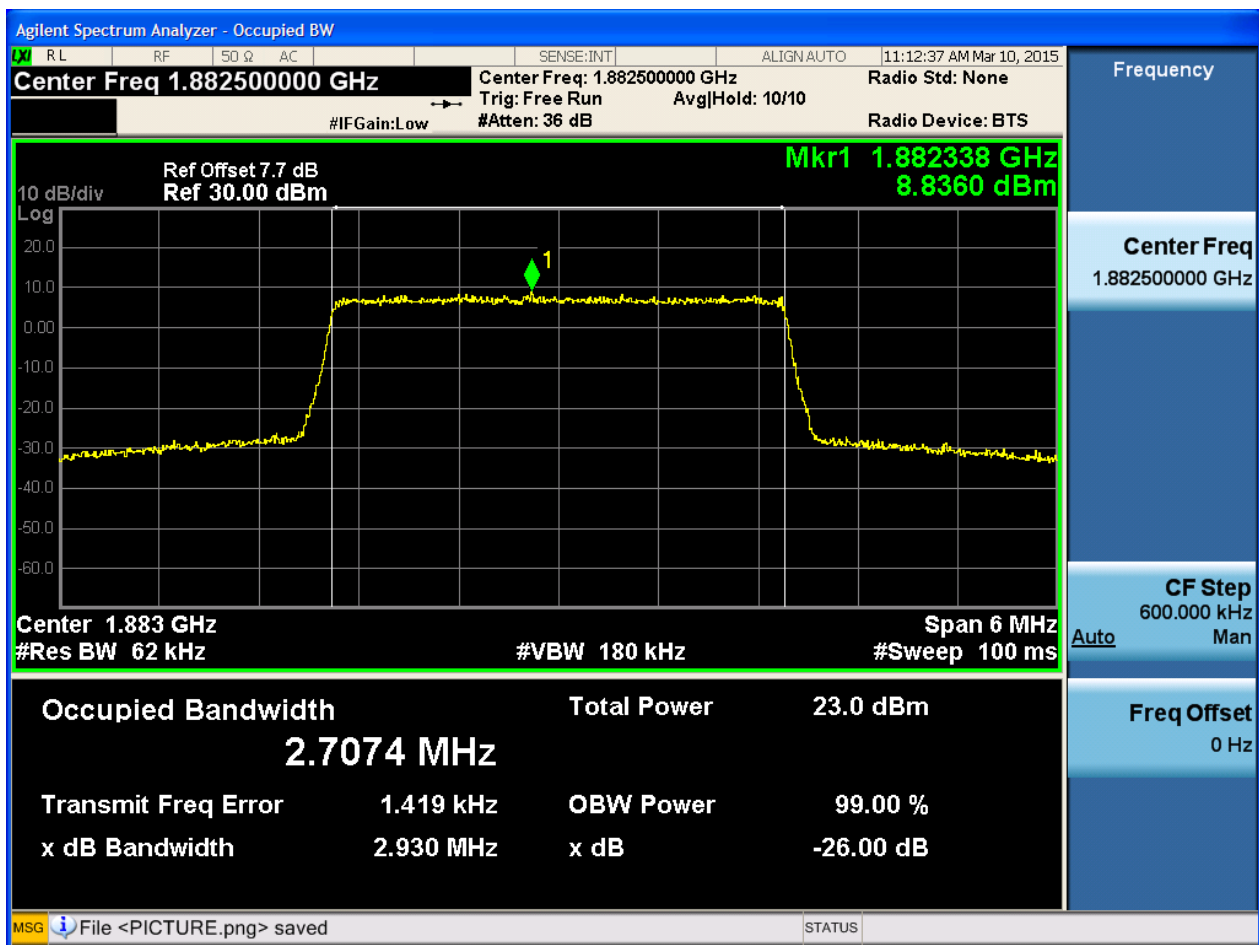
##### 4.1.1.2.2.1 Test Channel = LCH

##### 4.1.1.2.2.1.1 Test RB = RB15#0



#### 4.1.1.2.2.2 Test Channel = MCH

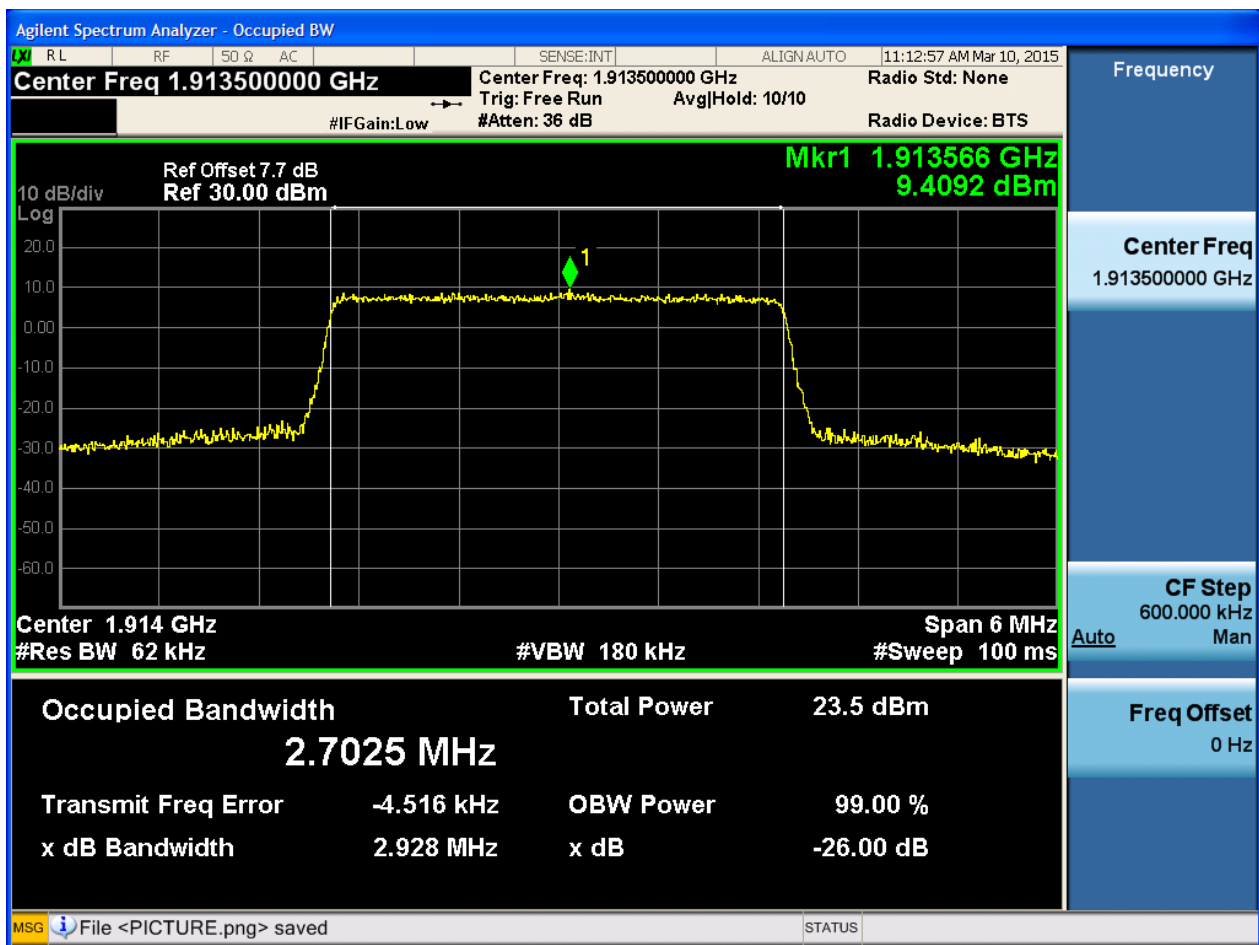
##### 4.1.1.2.2.2.1 Test RB = RB15#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB15#0

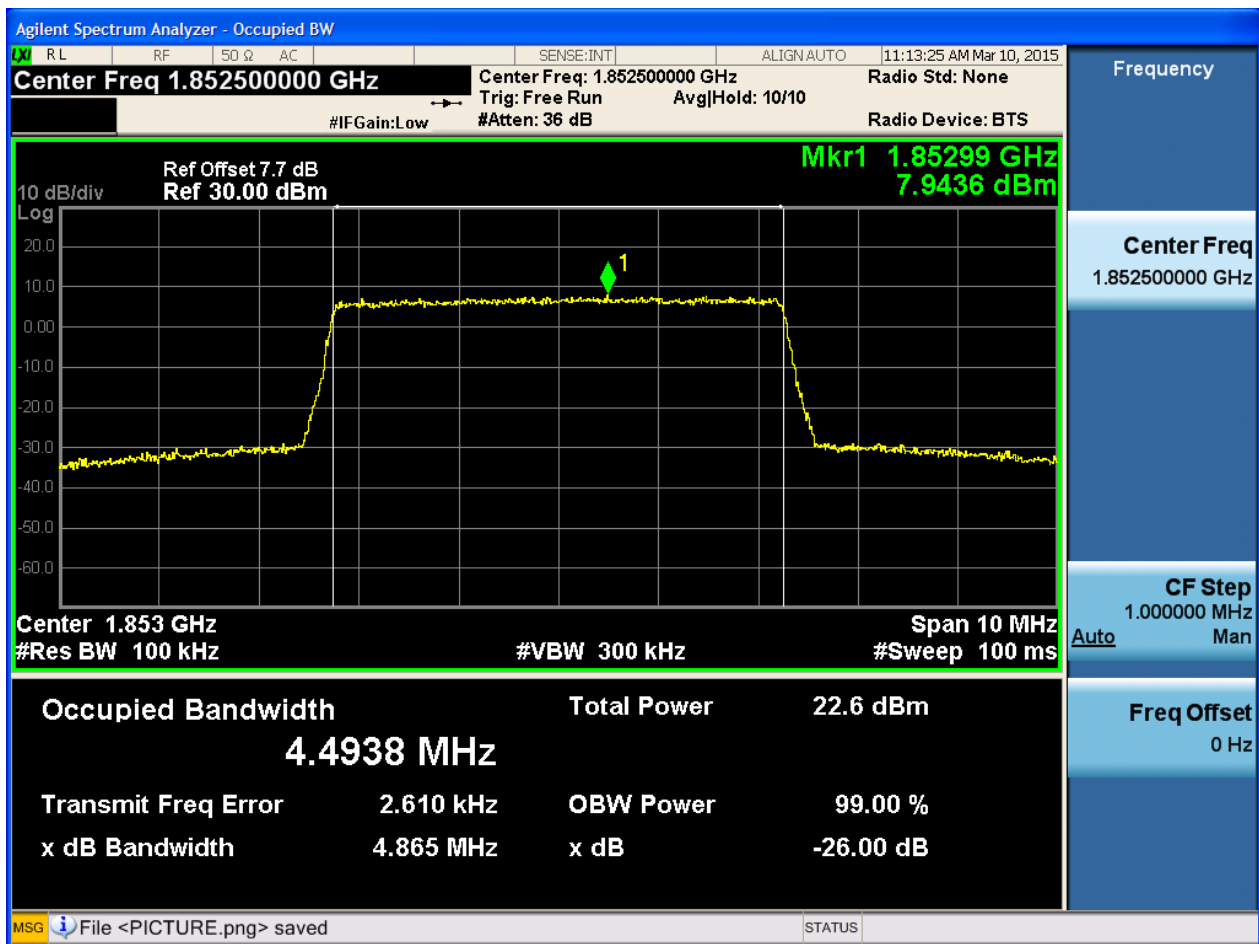




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

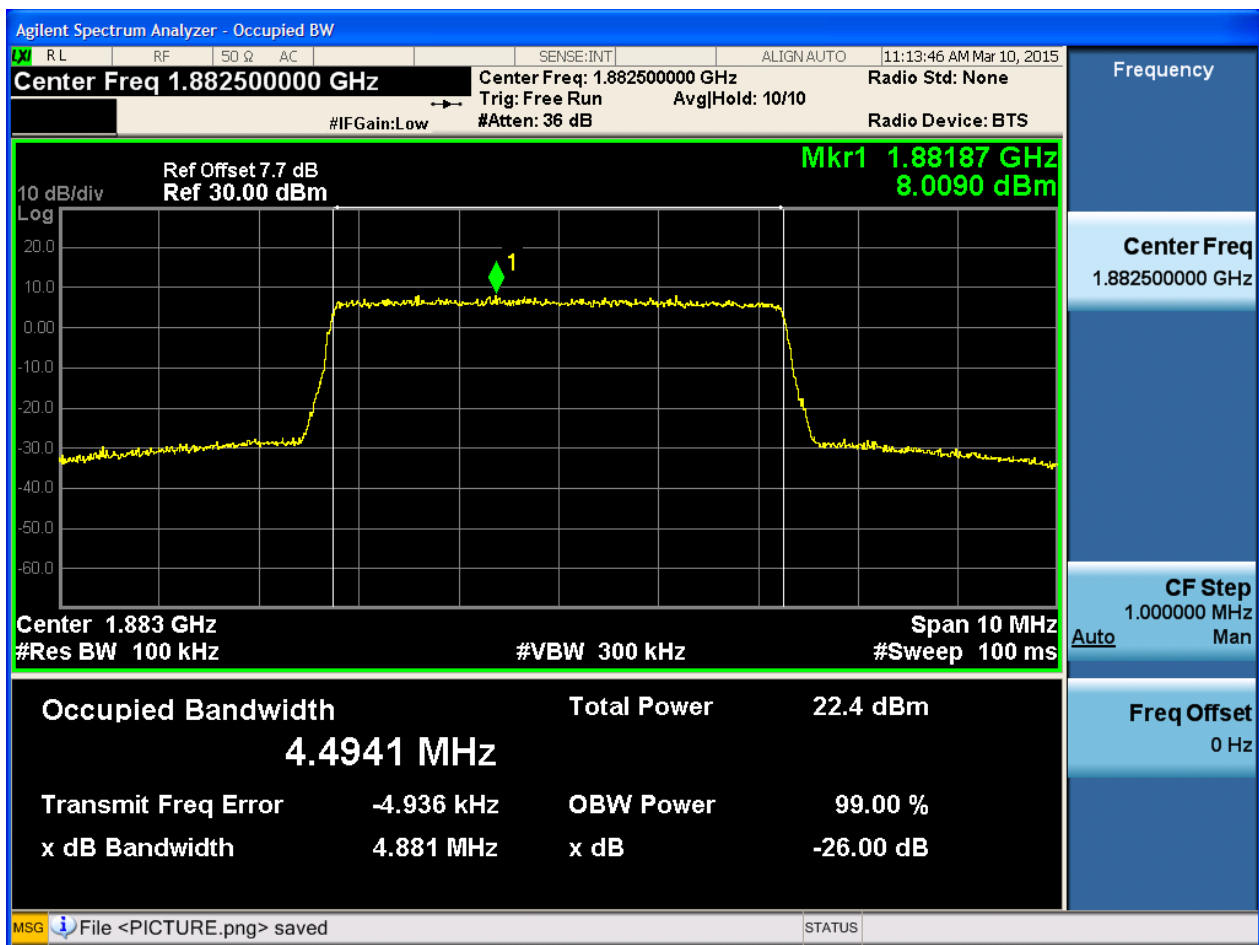
## 4.1.1.2.3.1.1 Test RB = RB25#0





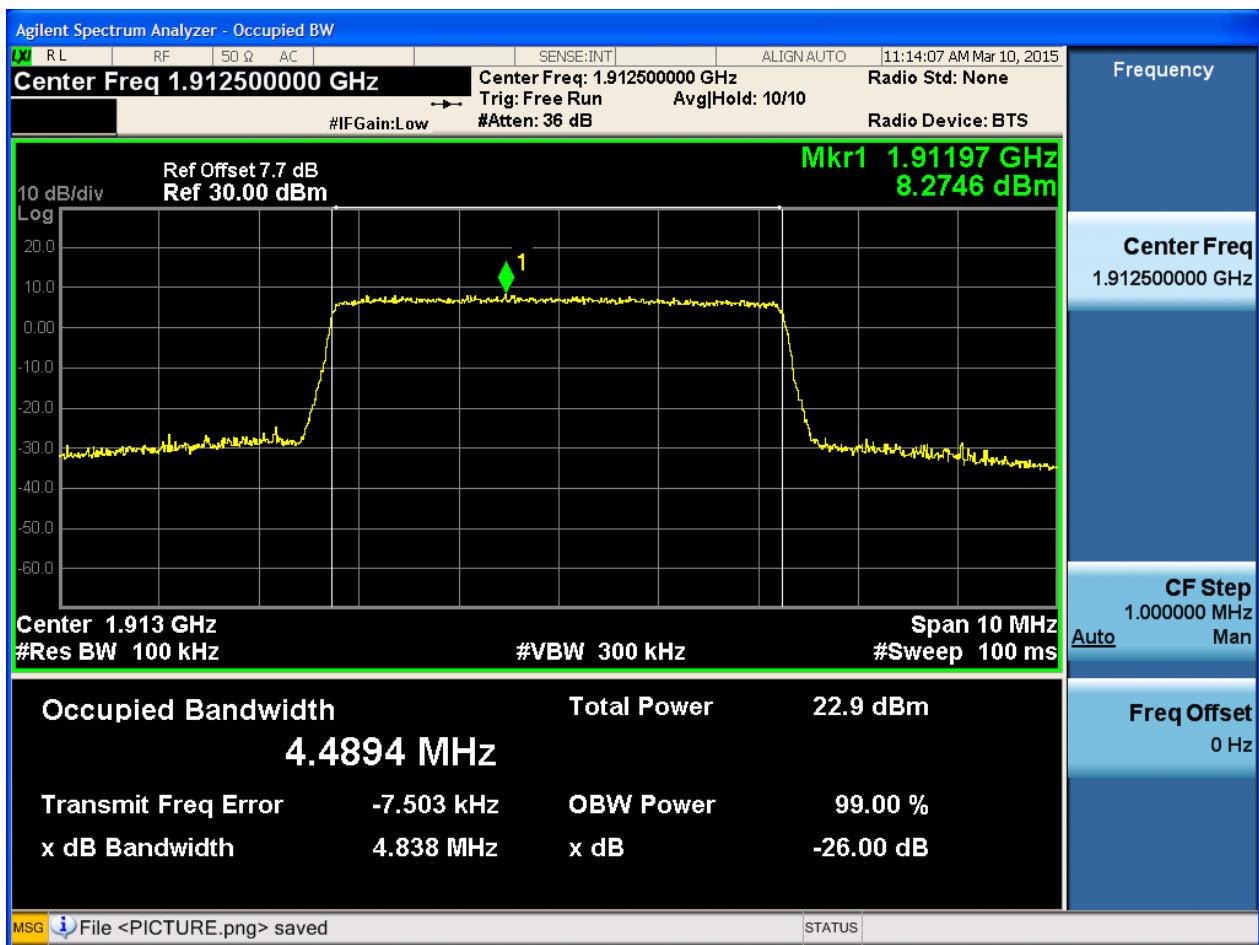
## 4.1.1.2.3.2 Test Channel = MCH

## 4.1.1.2.3.2.1 Test RB = RB25#0



#### 4.1.1.2.3.3 Test Channel = HCH

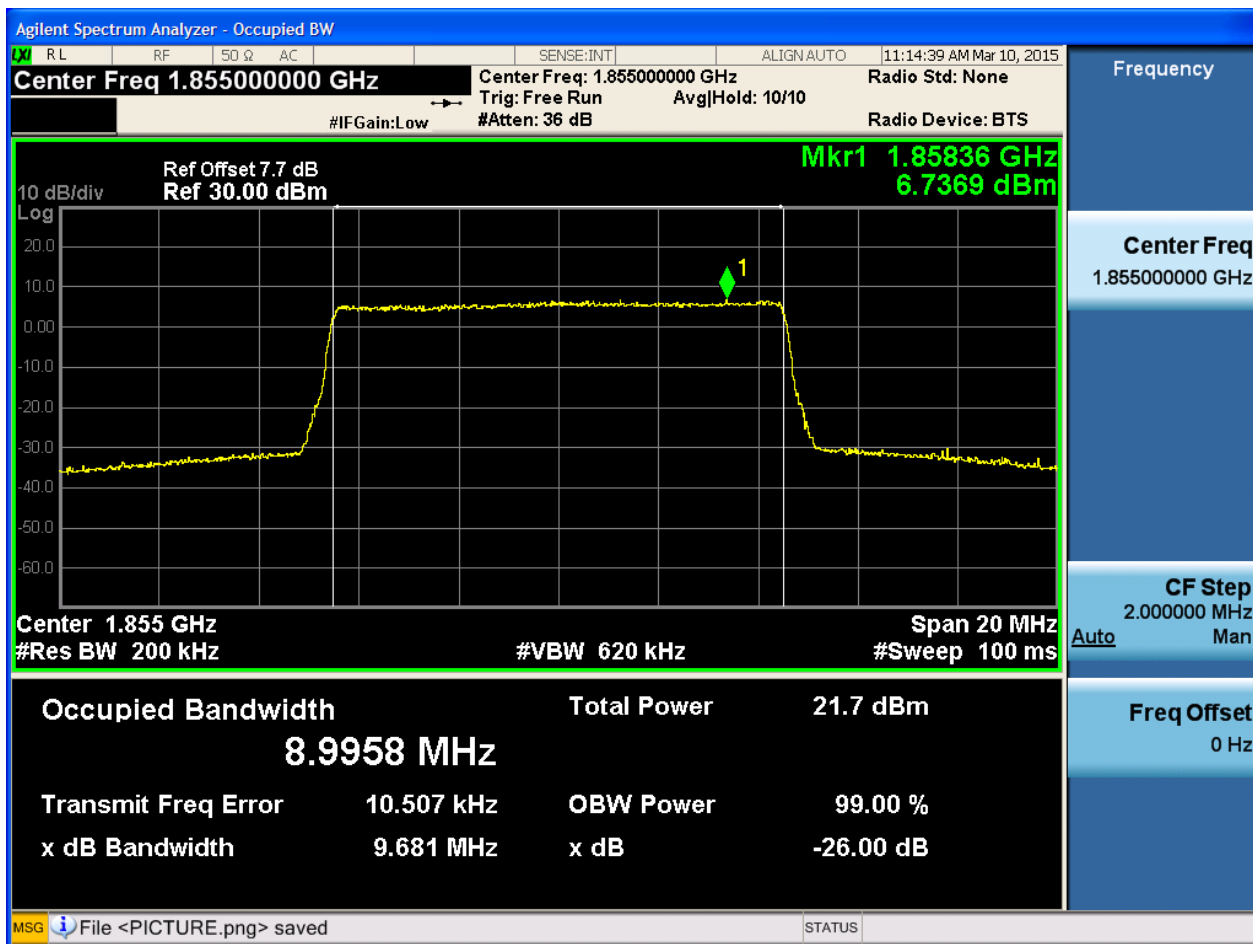
##### 4.1.1.2.3.3.1 Test RB = RB25#0



#### 4.1.1.2.4 Test Bandwidth = 10

##### 4.1.1.2.4.1 Test Channel = LCH

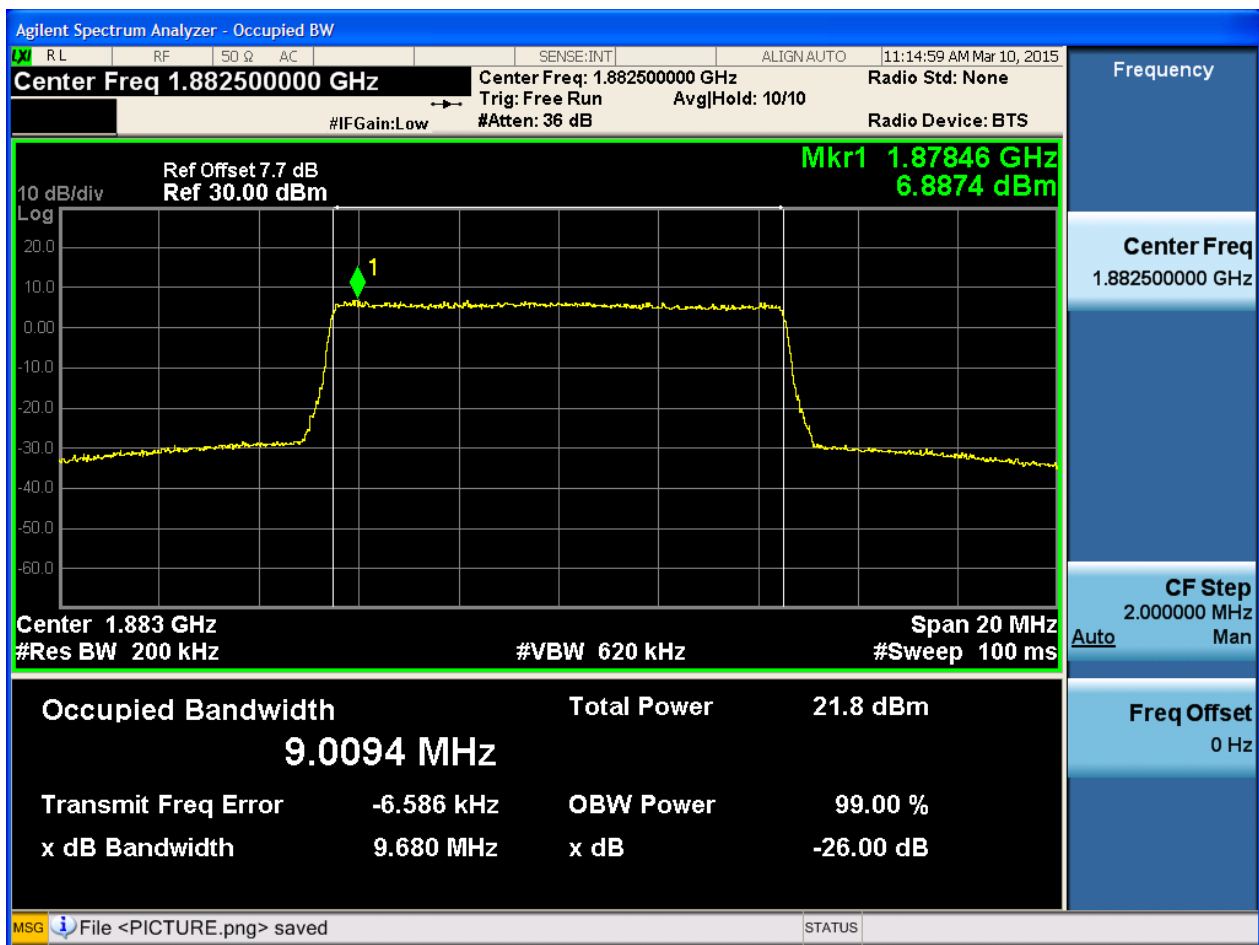
##### 4.1.1.2.4.1.1 Test RB = RB50#0





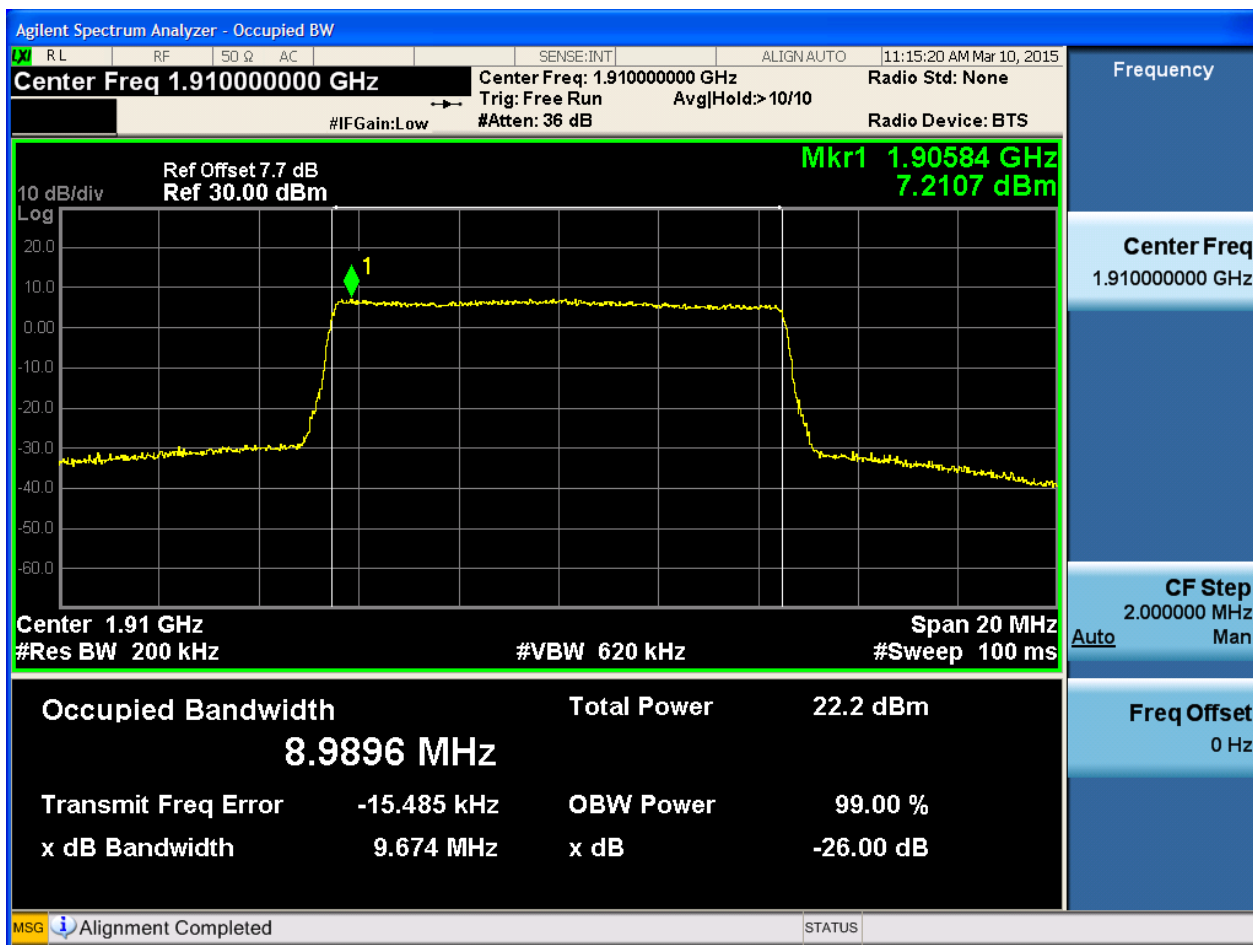
## 4.1.1.2.4.2 Test Channel = MCH

## 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

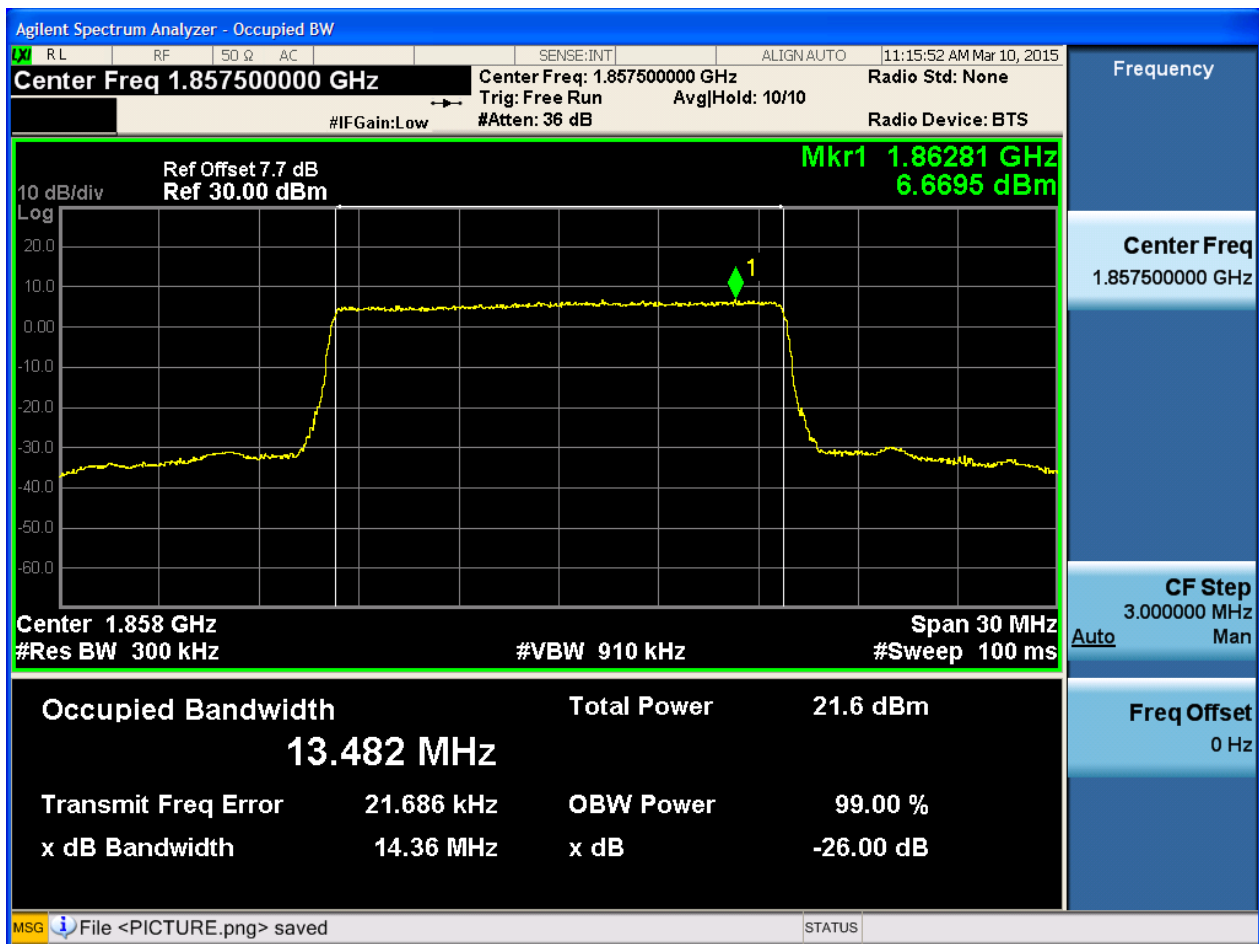




## 4.1.1.2.5 Test Bandwidth = 15

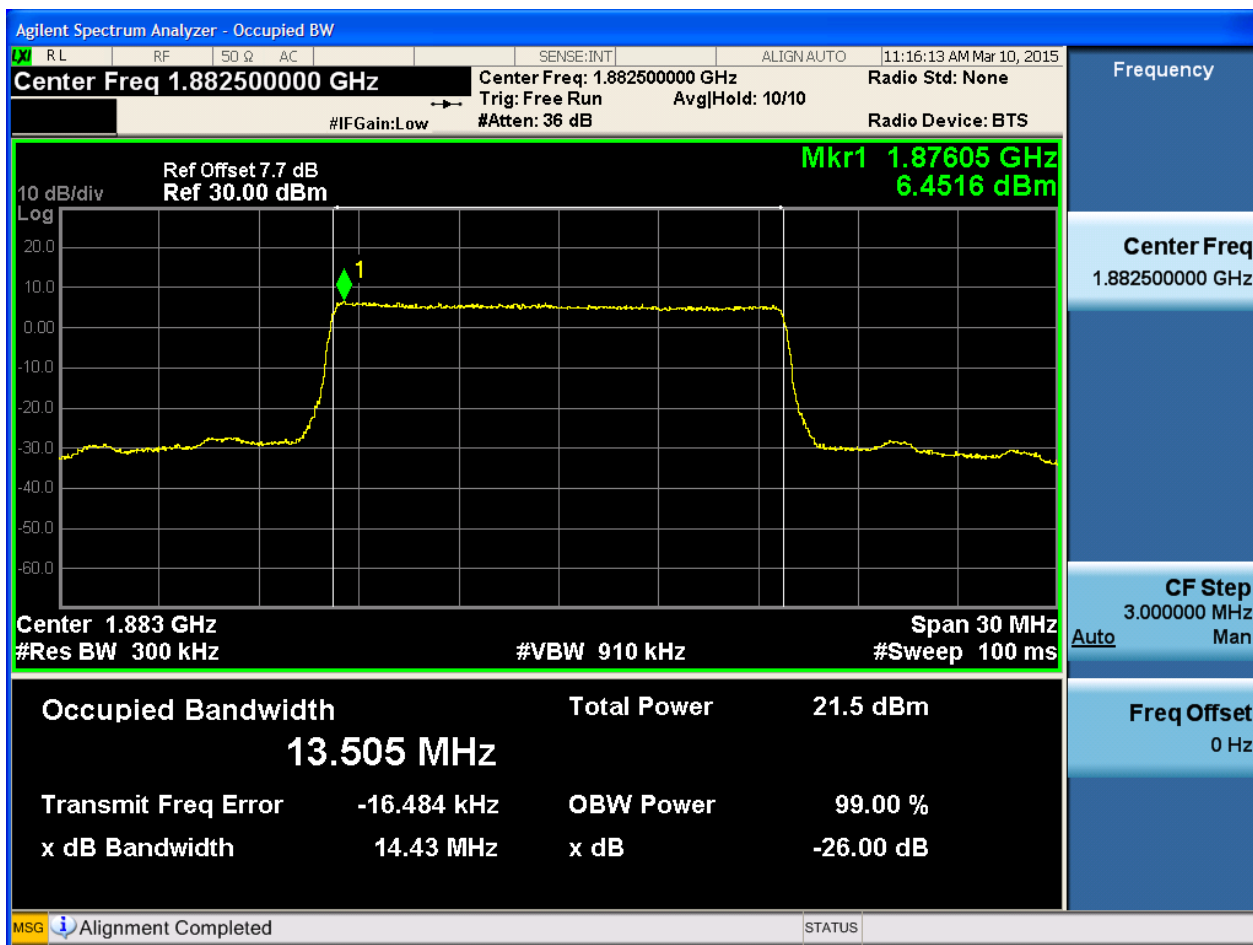
## 4.1.1.2.5.1 Test Channel = LCH

## 4.1.1.2.5.1.1 Test RB = RB75#0



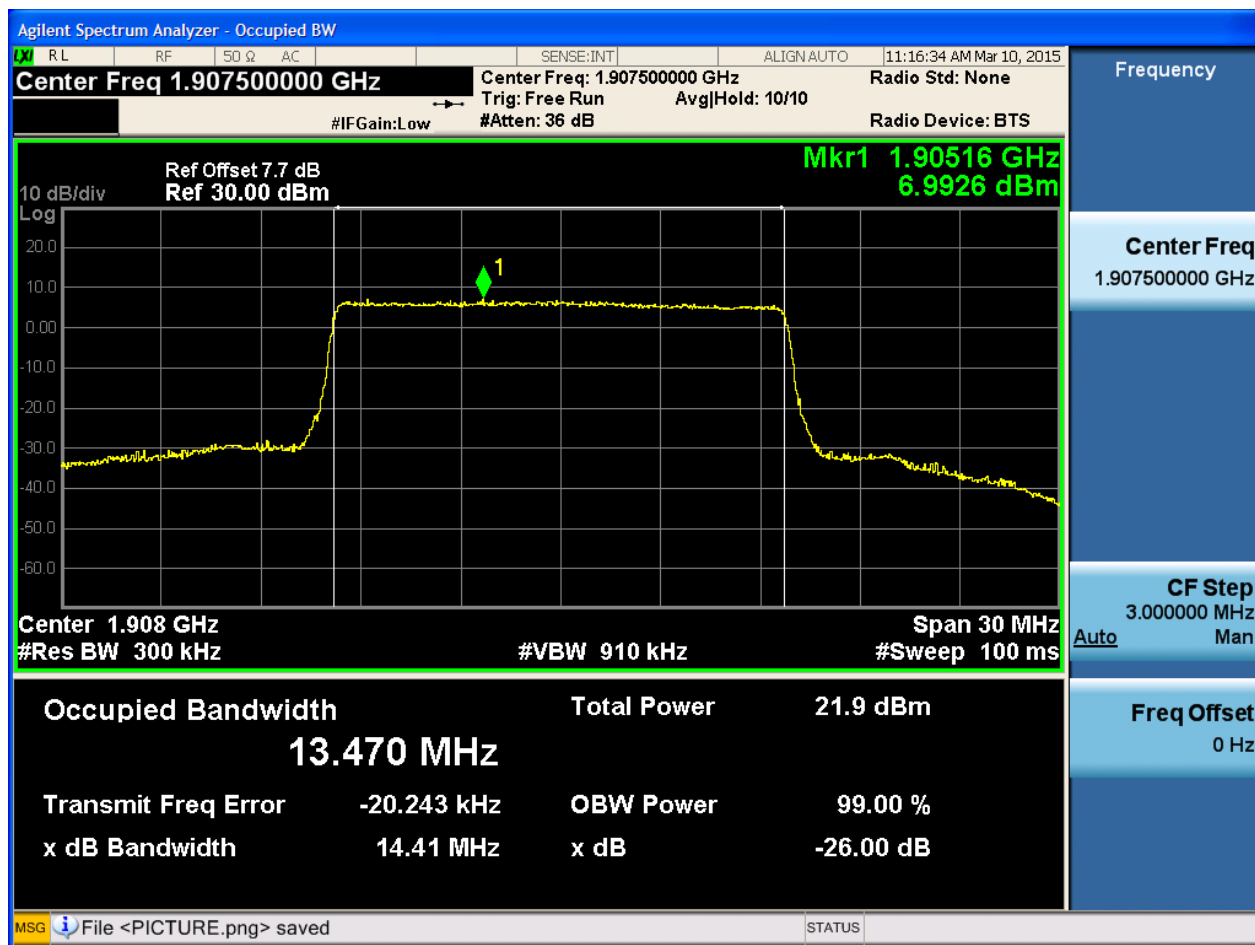
#### 4.1.1.2.5.2 Test Channel = MCH

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



#### 4.1.1.2.5.3 Test Channel = HCH

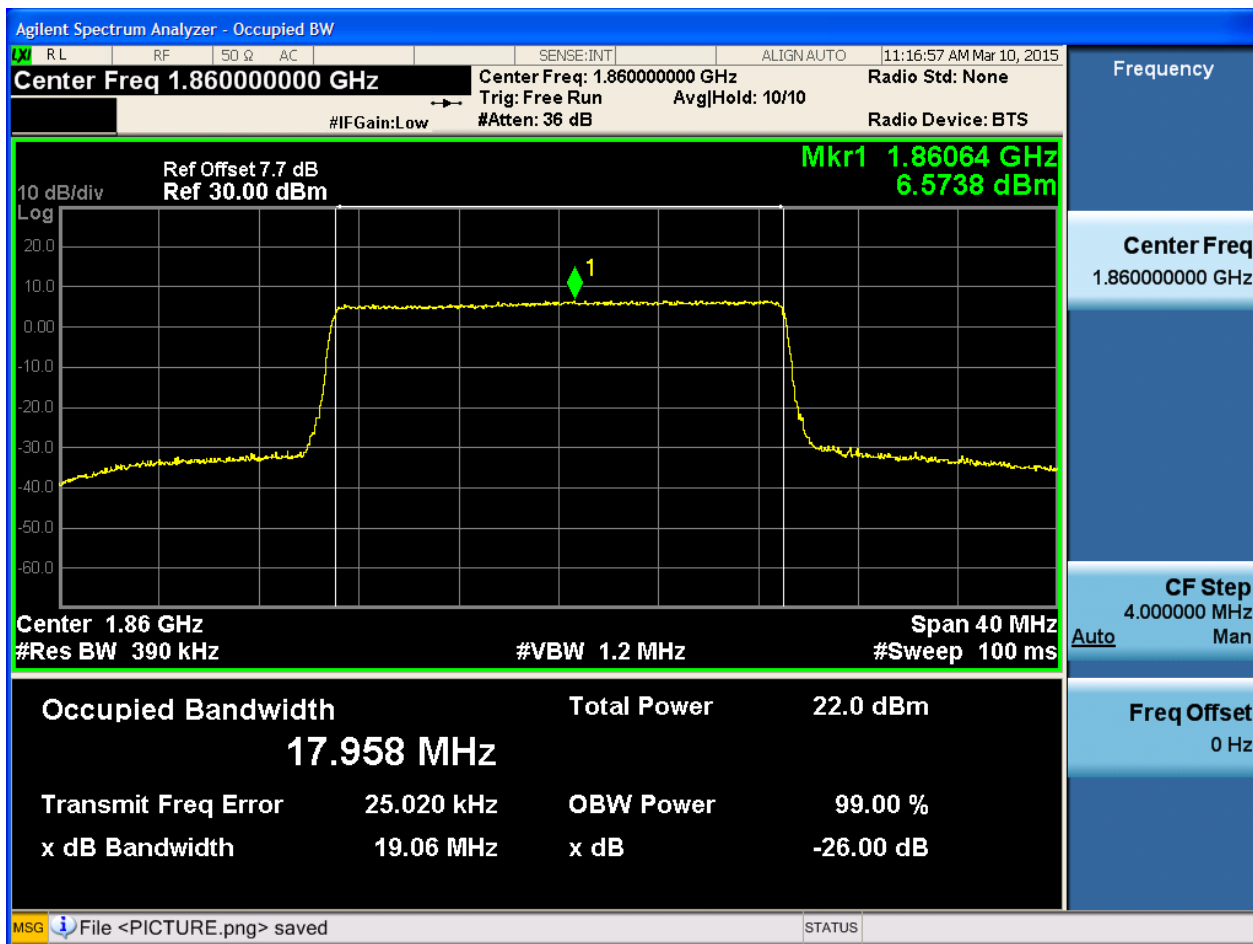
##### 4.1.1.2.5.3.1 Test RB = RB75#0



#### 4.1.1.2.6 Test Bandwidth = 20

##### 4.1.1.2.6.1 Test Channel = LCH

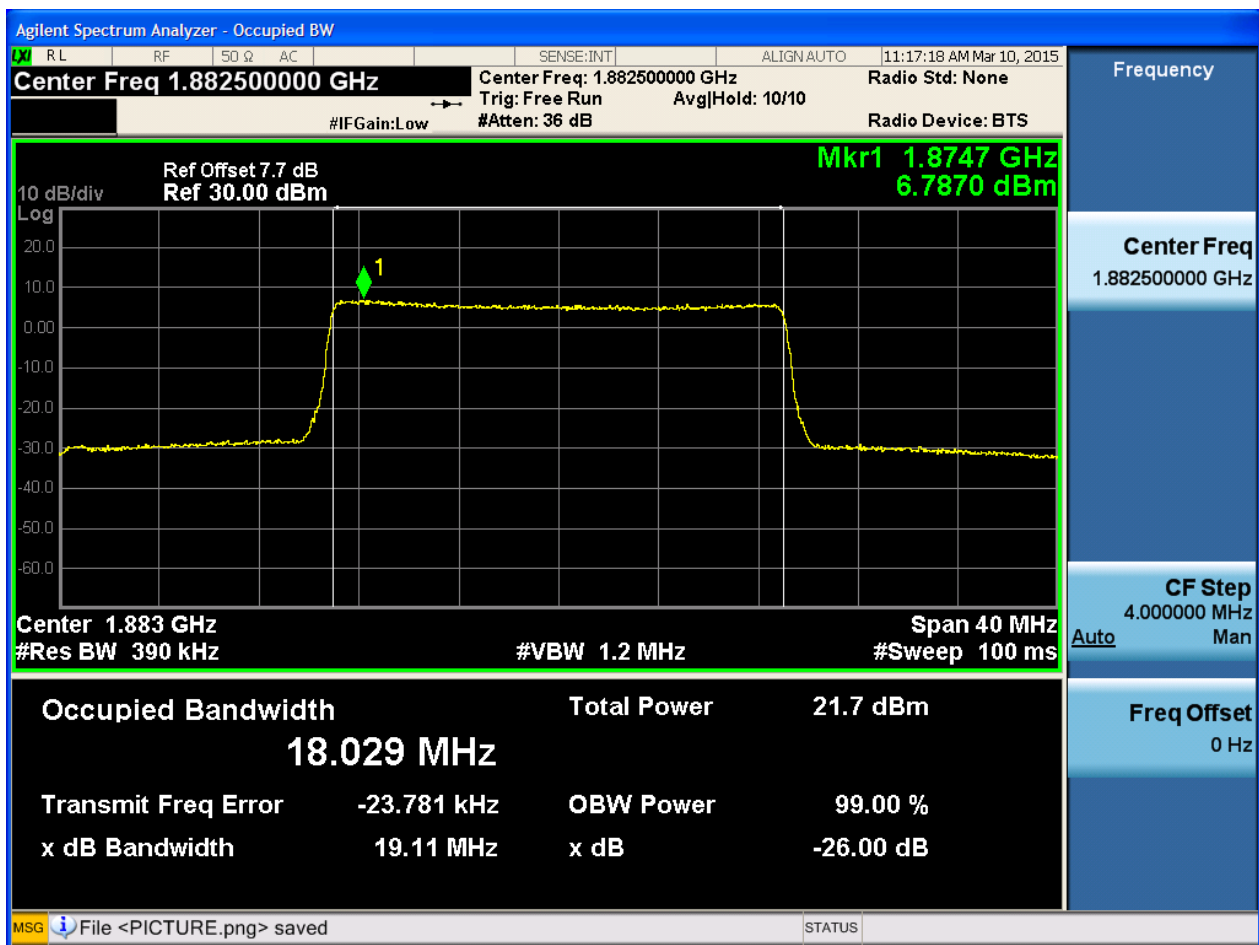
##### 4.1.1.2.6.1.1 Test RB = RB100#0





## 4.1.1.2.6.2 Test Channel = MCH

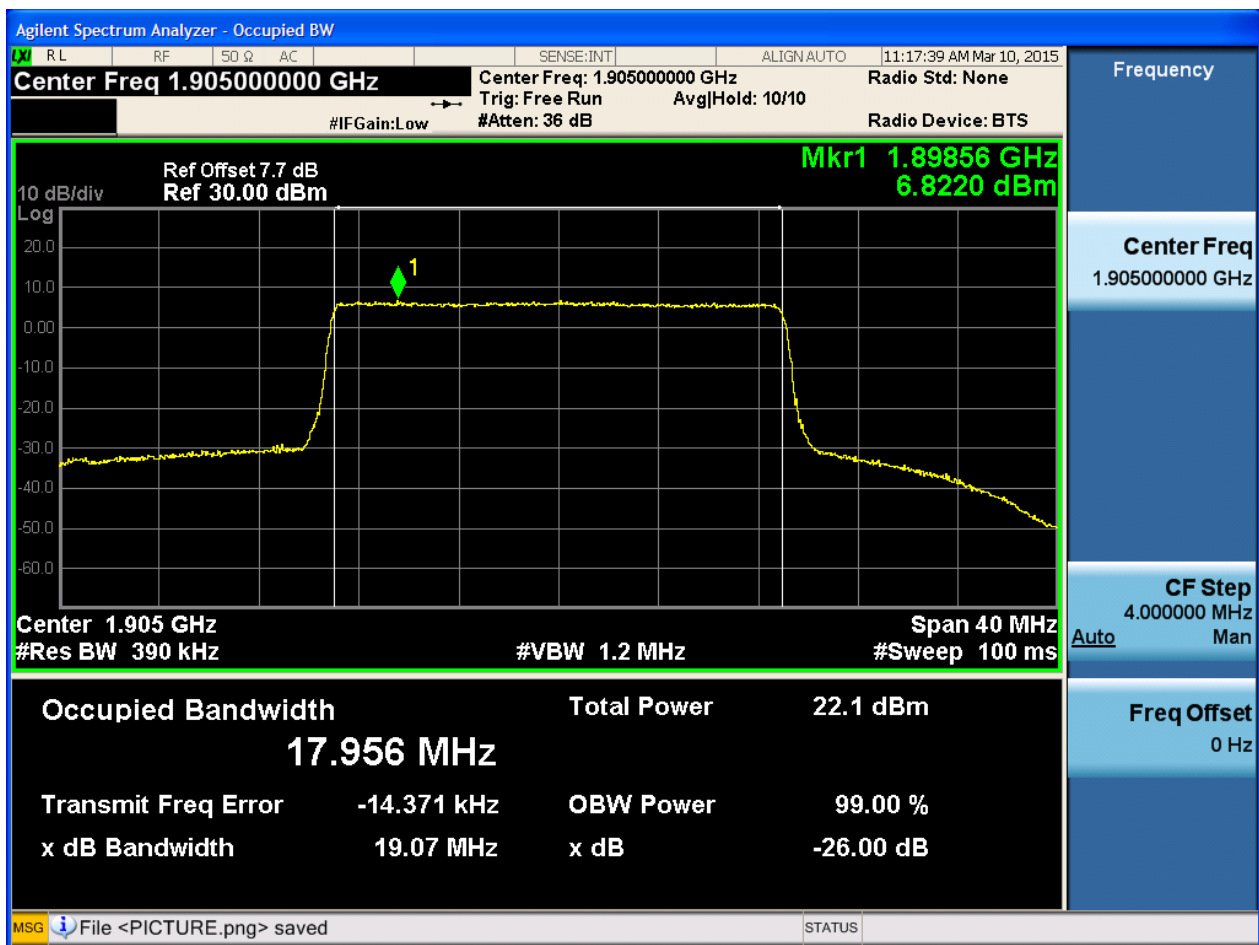
## 4.1.1.2.6.2.1 Test RB = RB100#0





## 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

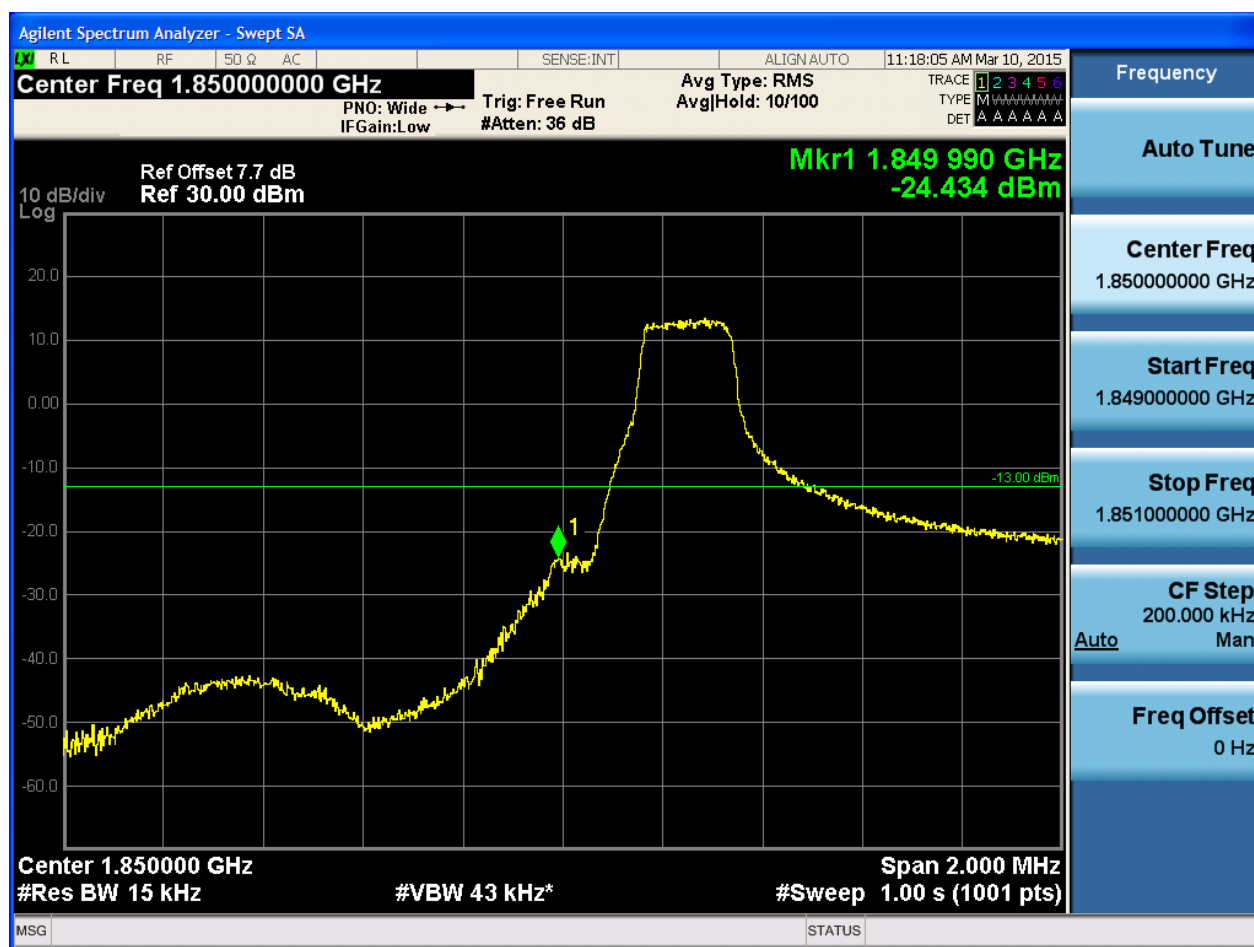
##### 5.1.1 Test Band = BAND25

##### 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



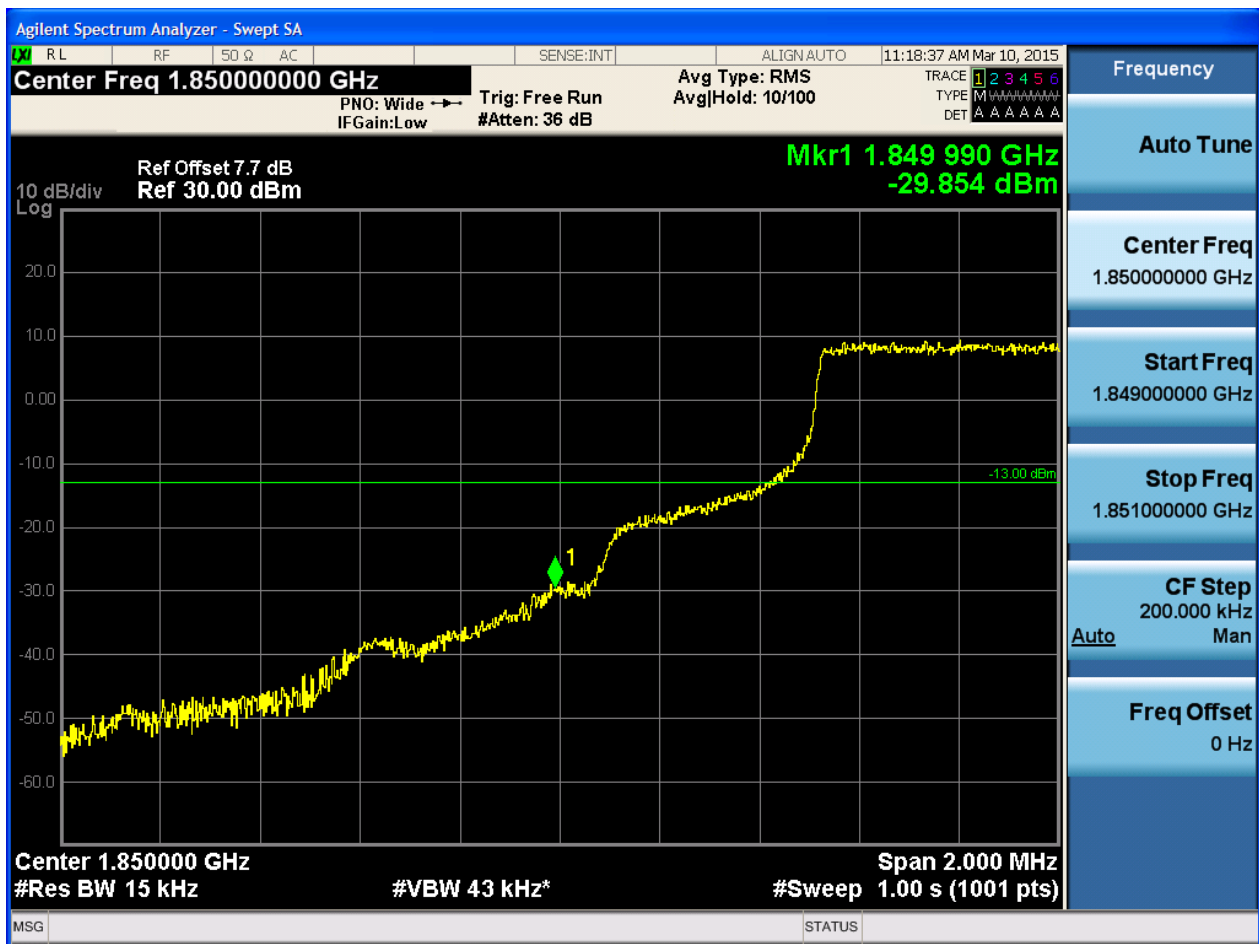


## 5.1.1.1.1.2 Test RB = RB1#5



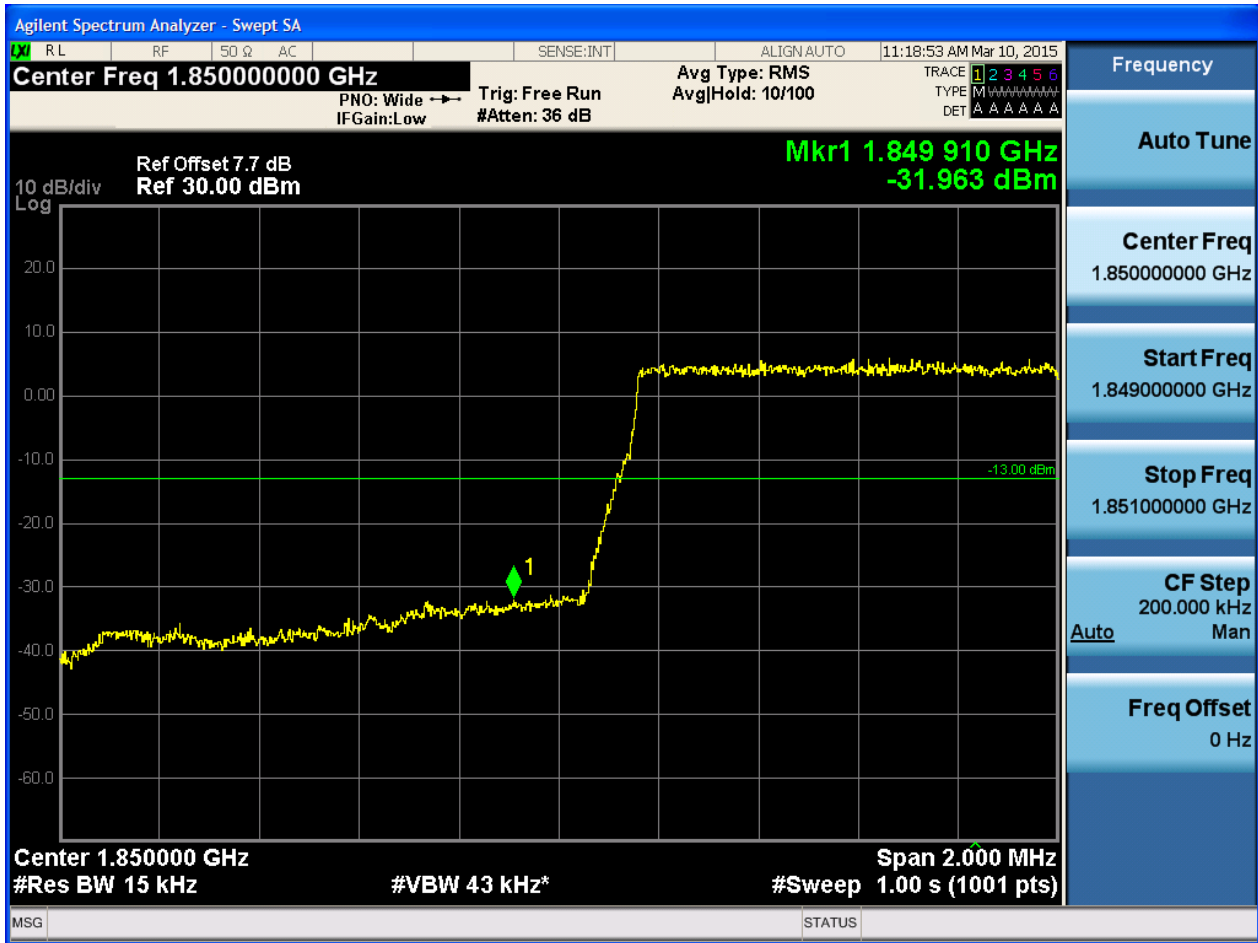


## 5.1.1.1.1.3 Test RB = RB3#2



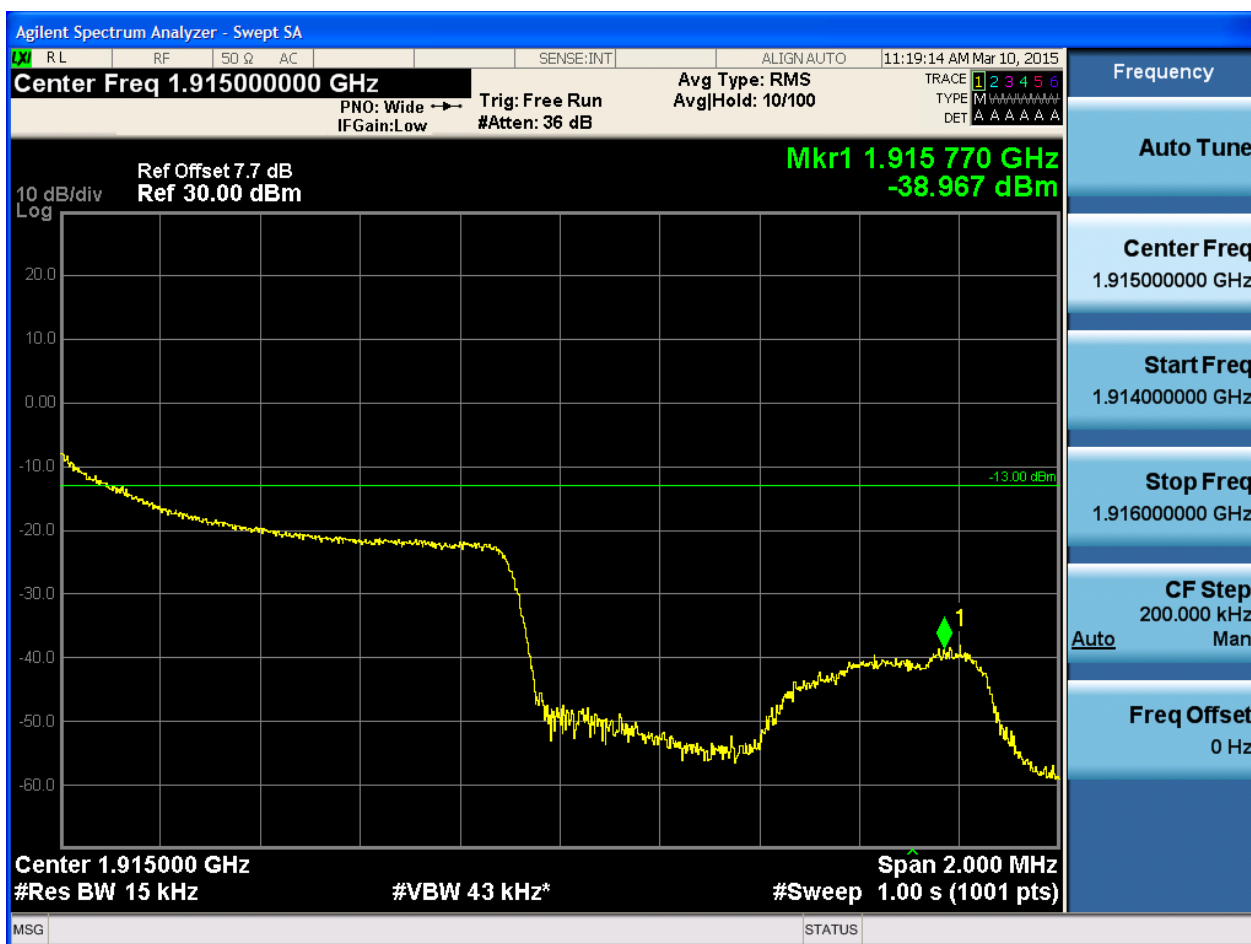


## 5.1.1.1.1.4 Test RB = RB6#0



### 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





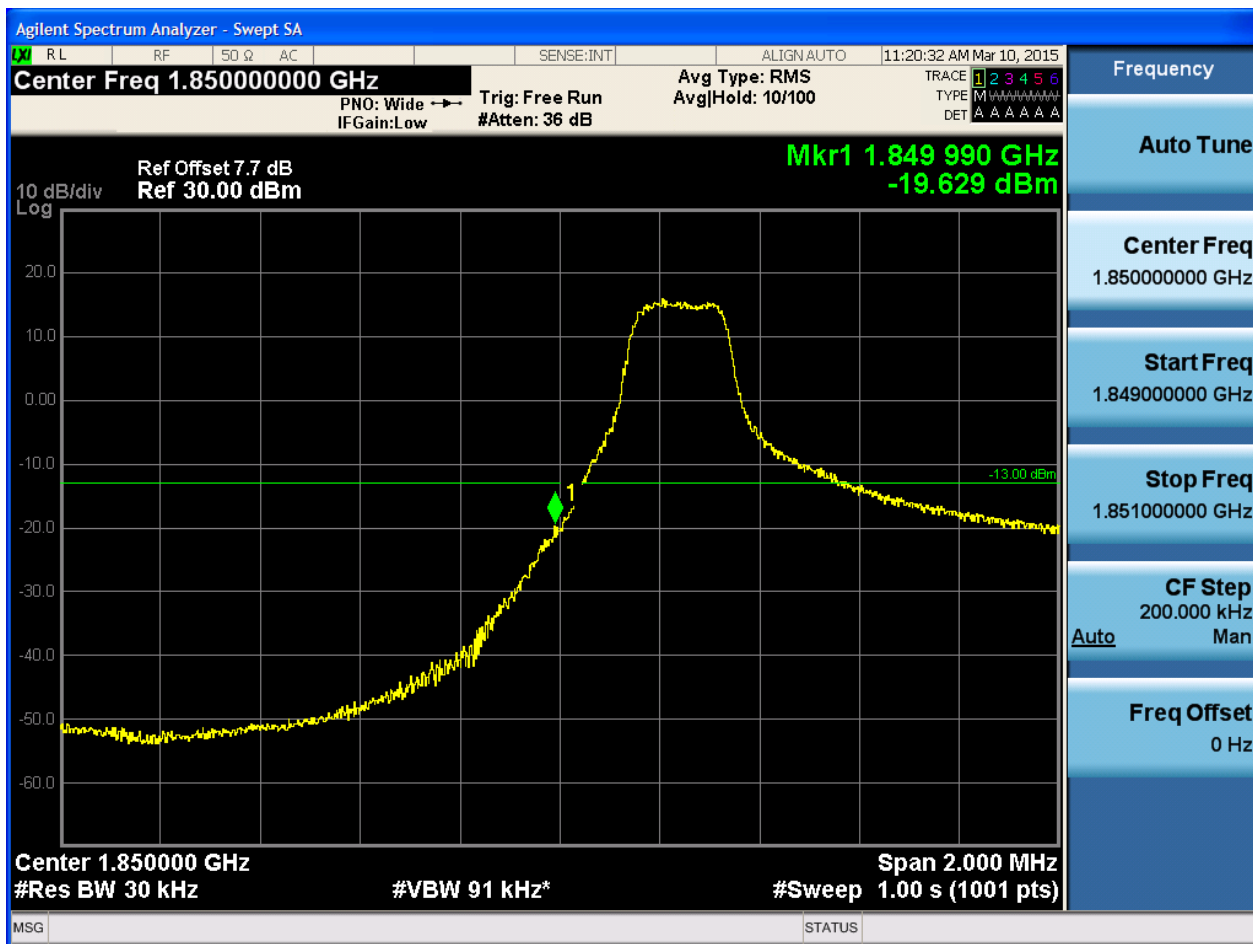
## 5.1.1.1.2.4 Test RB = RB6#0



### 5.1.1.1.2 Test Bandwidth = 3

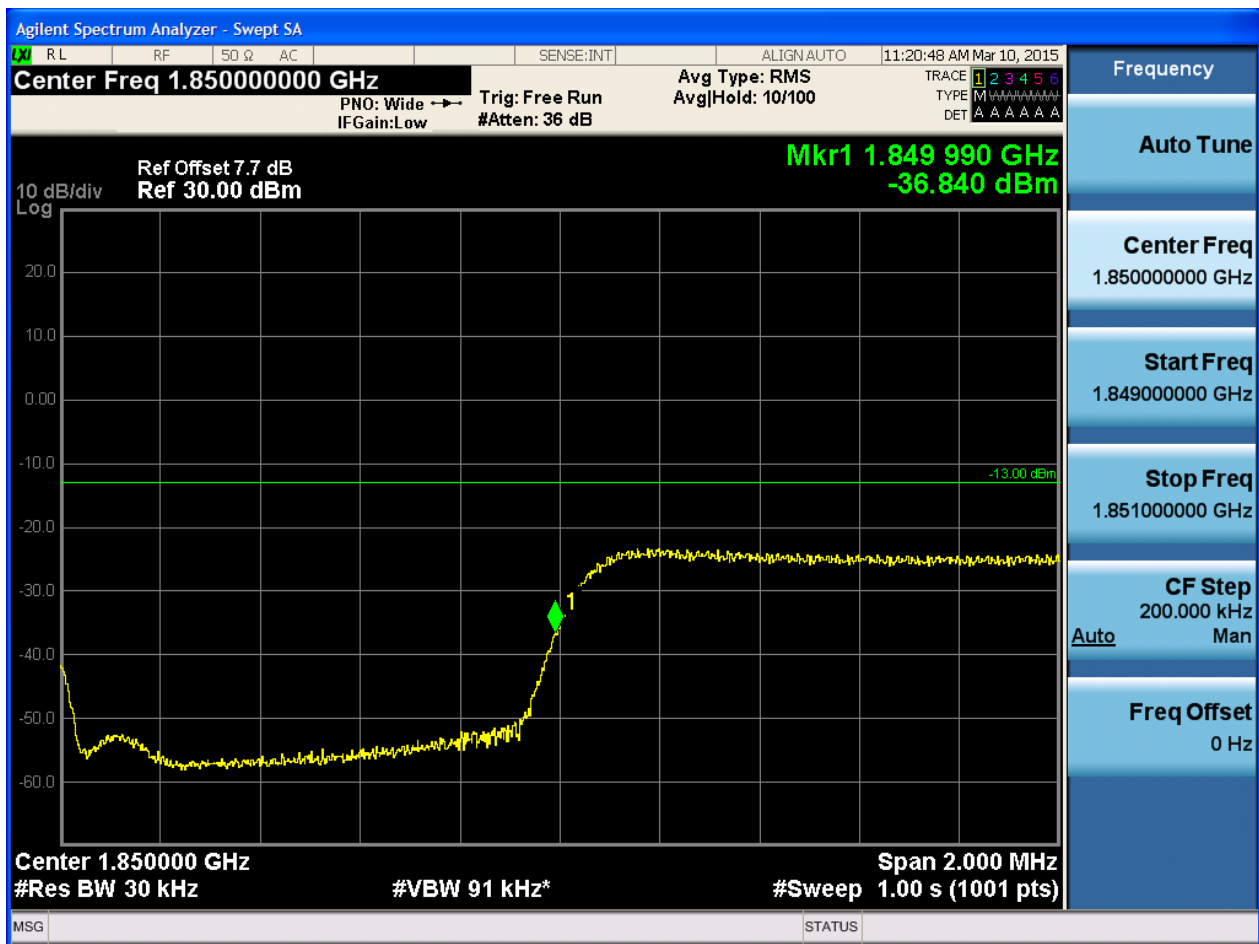
#### 5.1.1.1.2.1 Test Channel = LCH

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





## 5.1.1.1.2.1.2 Test RB = RB1#14



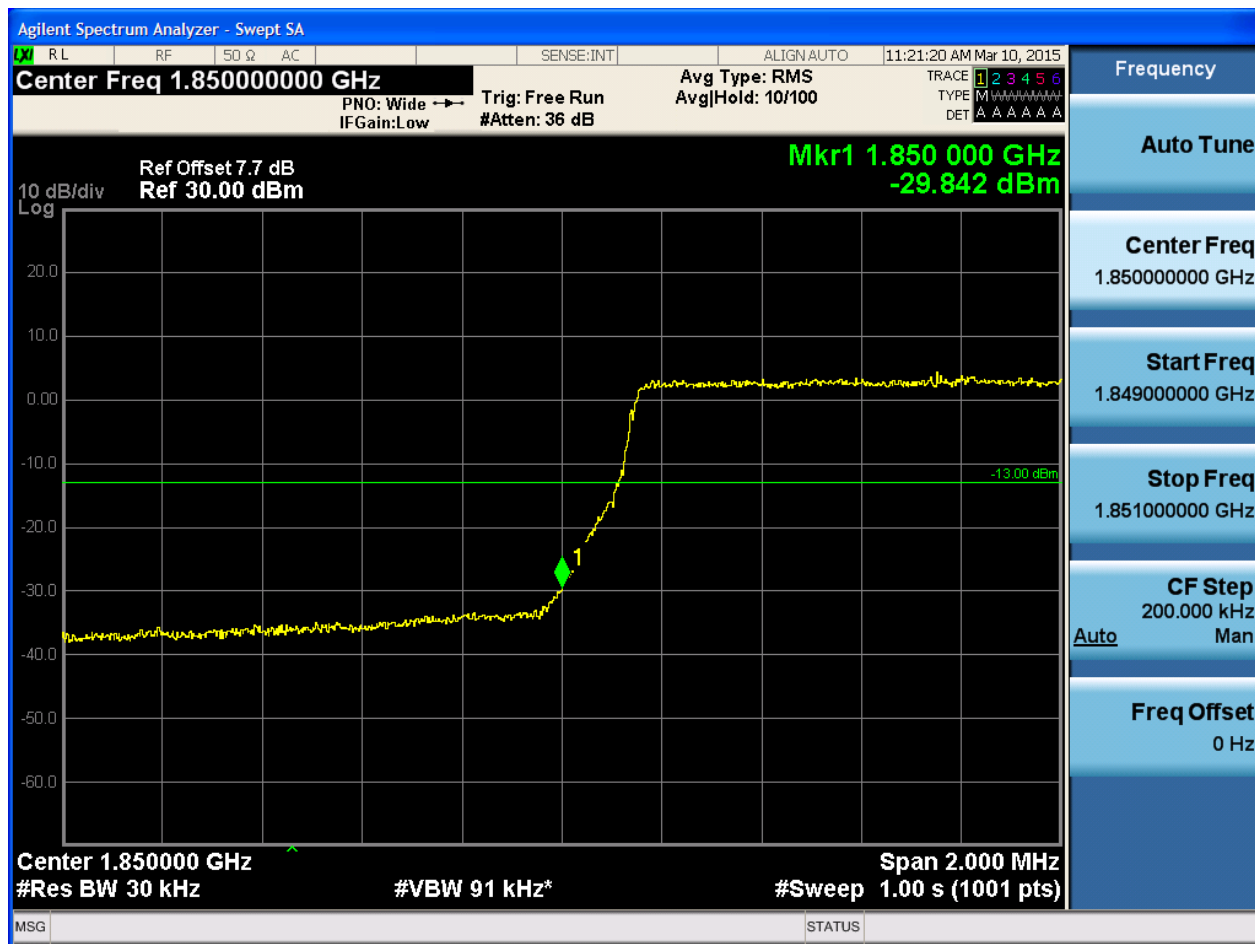


## 5.1.1.1.2.1.3 Test RB = RB8#4





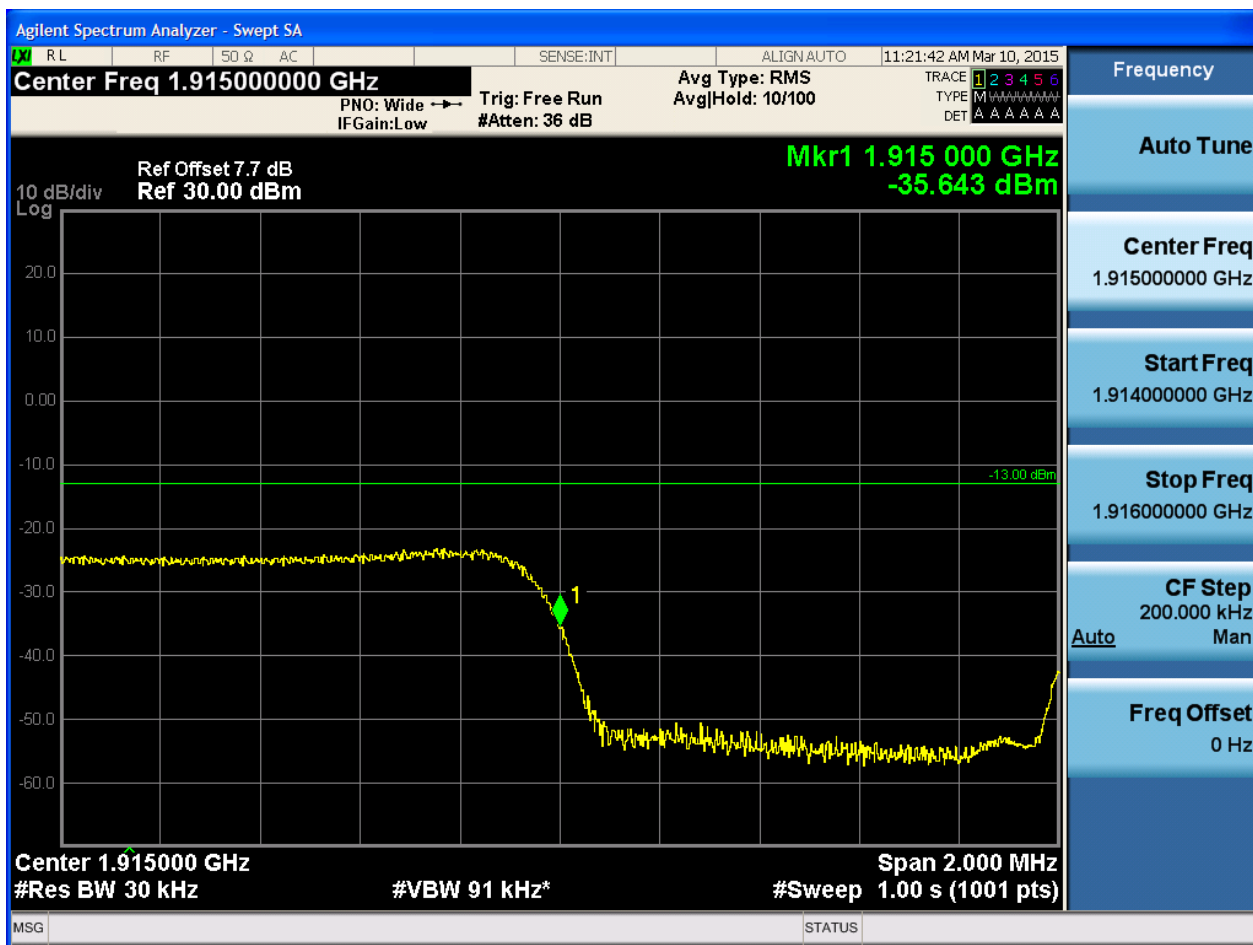
## 5.1.1.1.2.1.4 Test RB = RB15#0





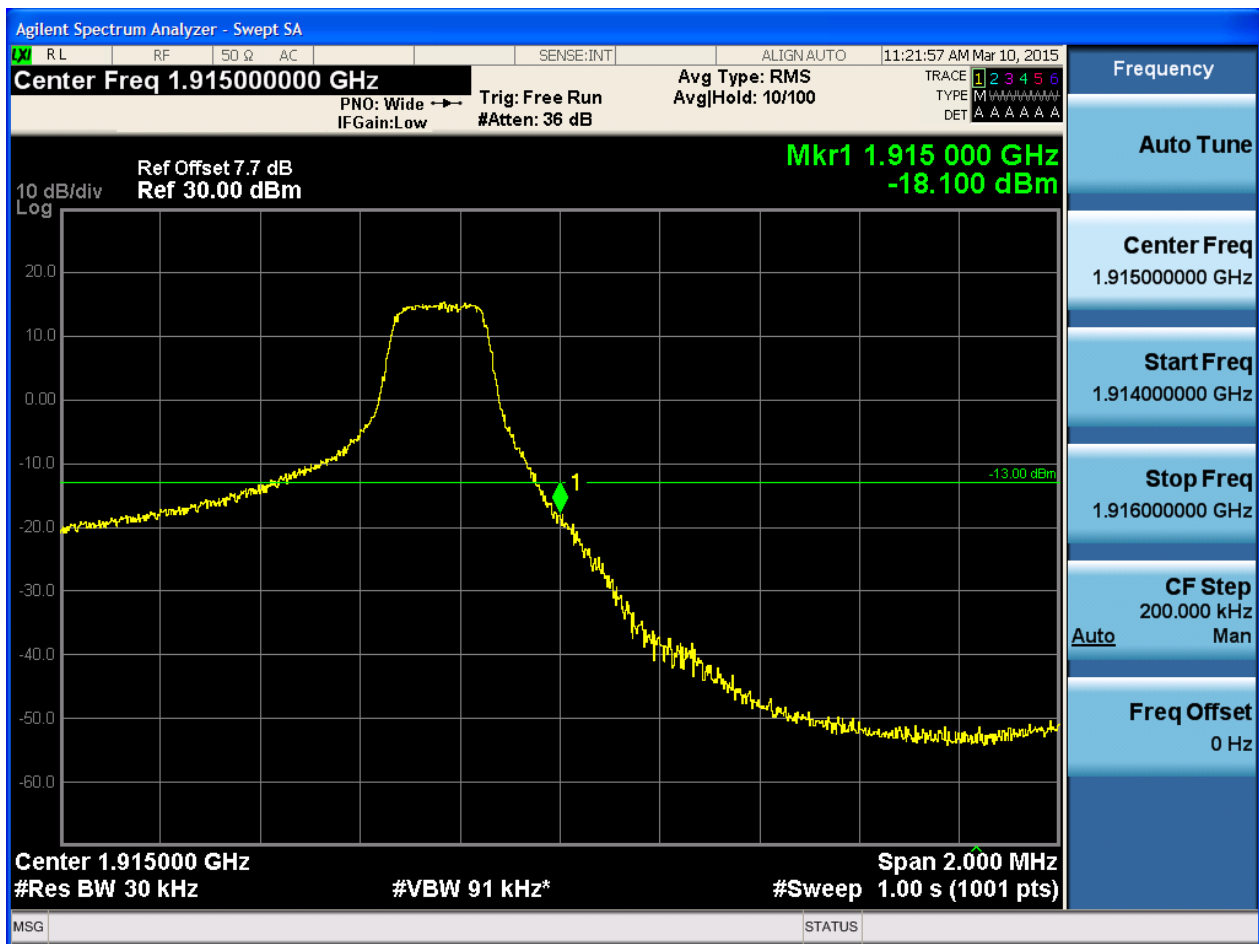
## 5.1.1.1.2.2 Test Channel = HCH

## 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





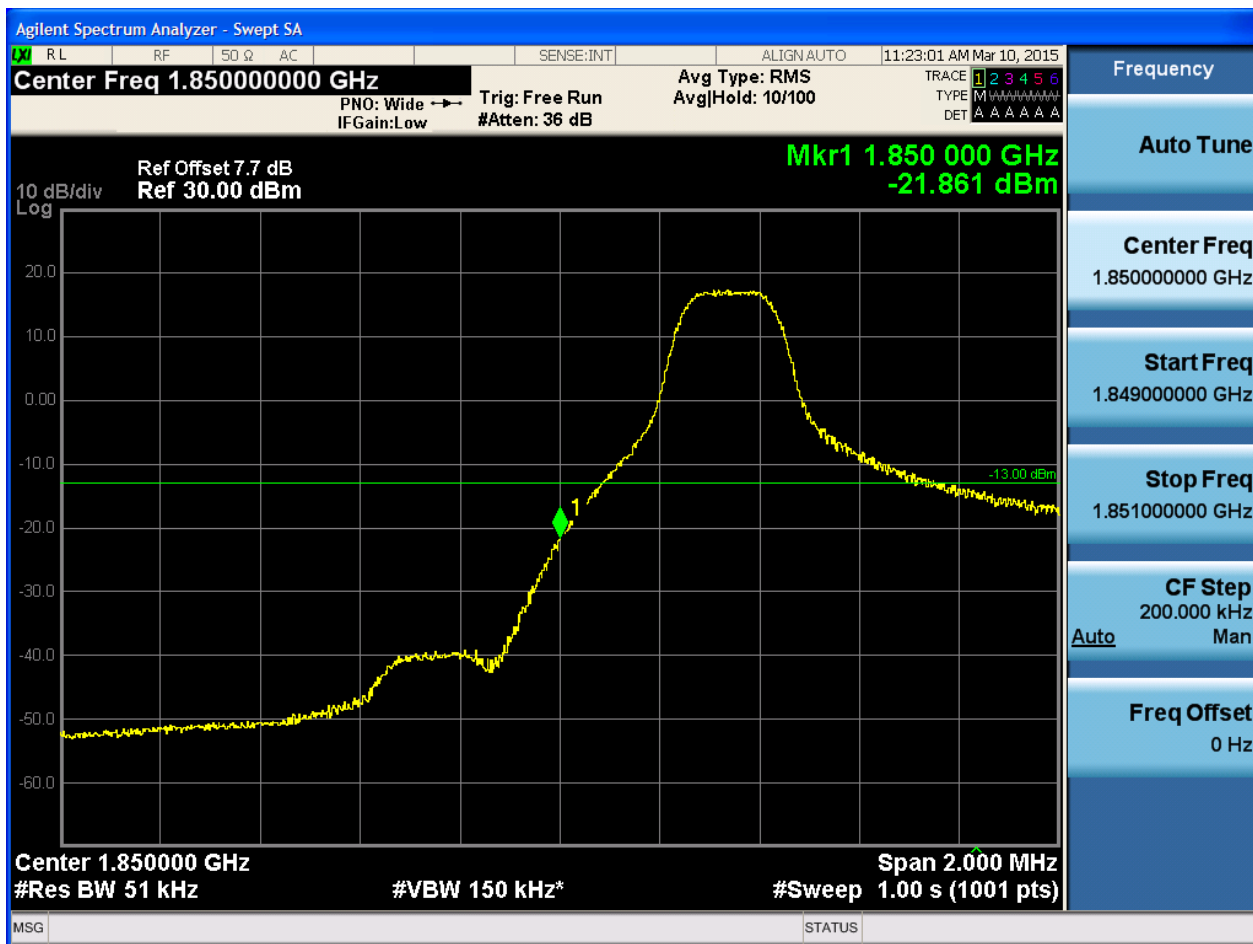
## 5.1.1.1.2.2.4 Test RB = RB15#0



### 5.1.1.1.3 Test Bandwidth = 5

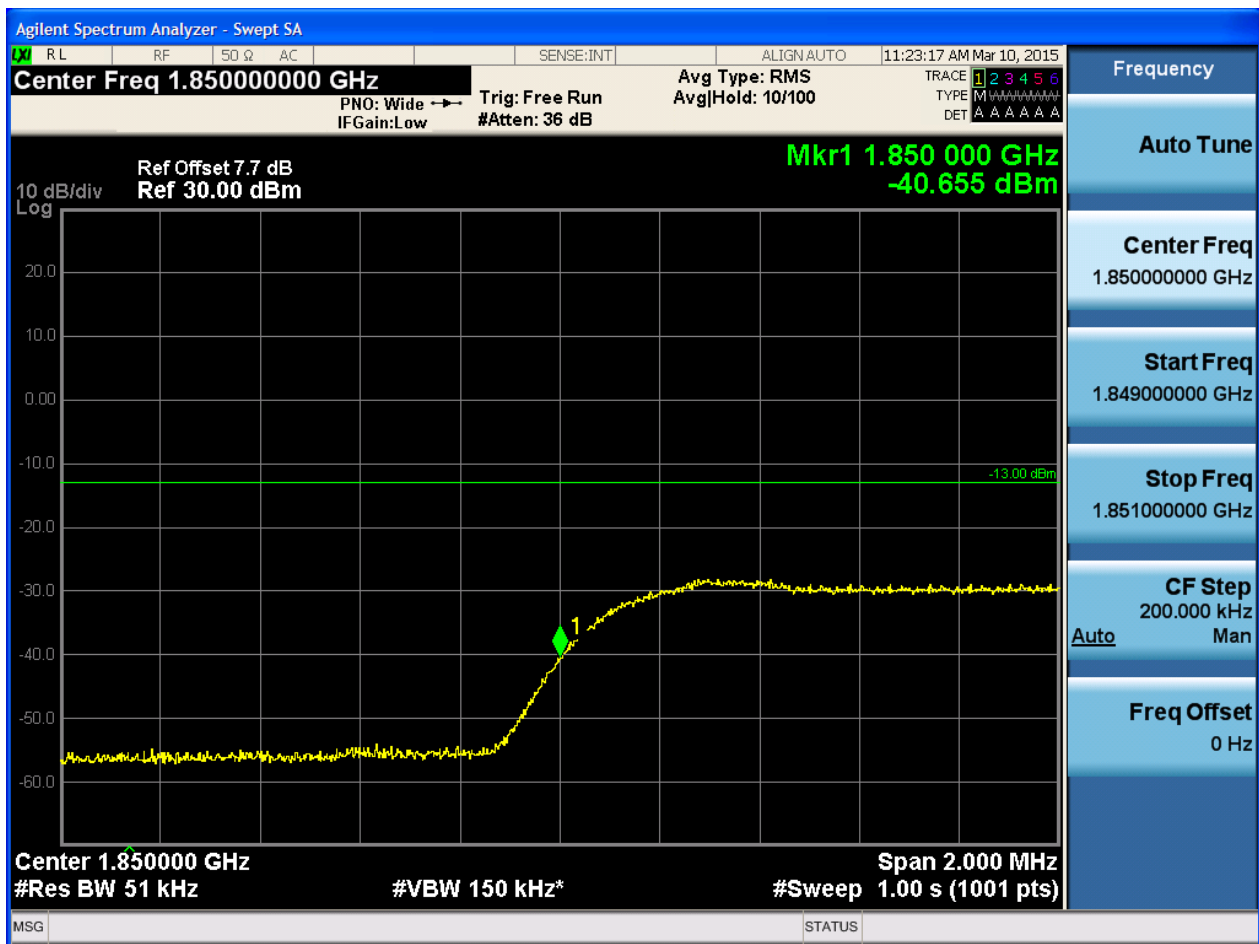
#### 5.1.1.1.3.1 Test Channel = LCH

##### 5.1.1.1.3.1.1 Test RB = RB1#0





## 5.1.1.1.3.1.2 Test RB = RB1#24



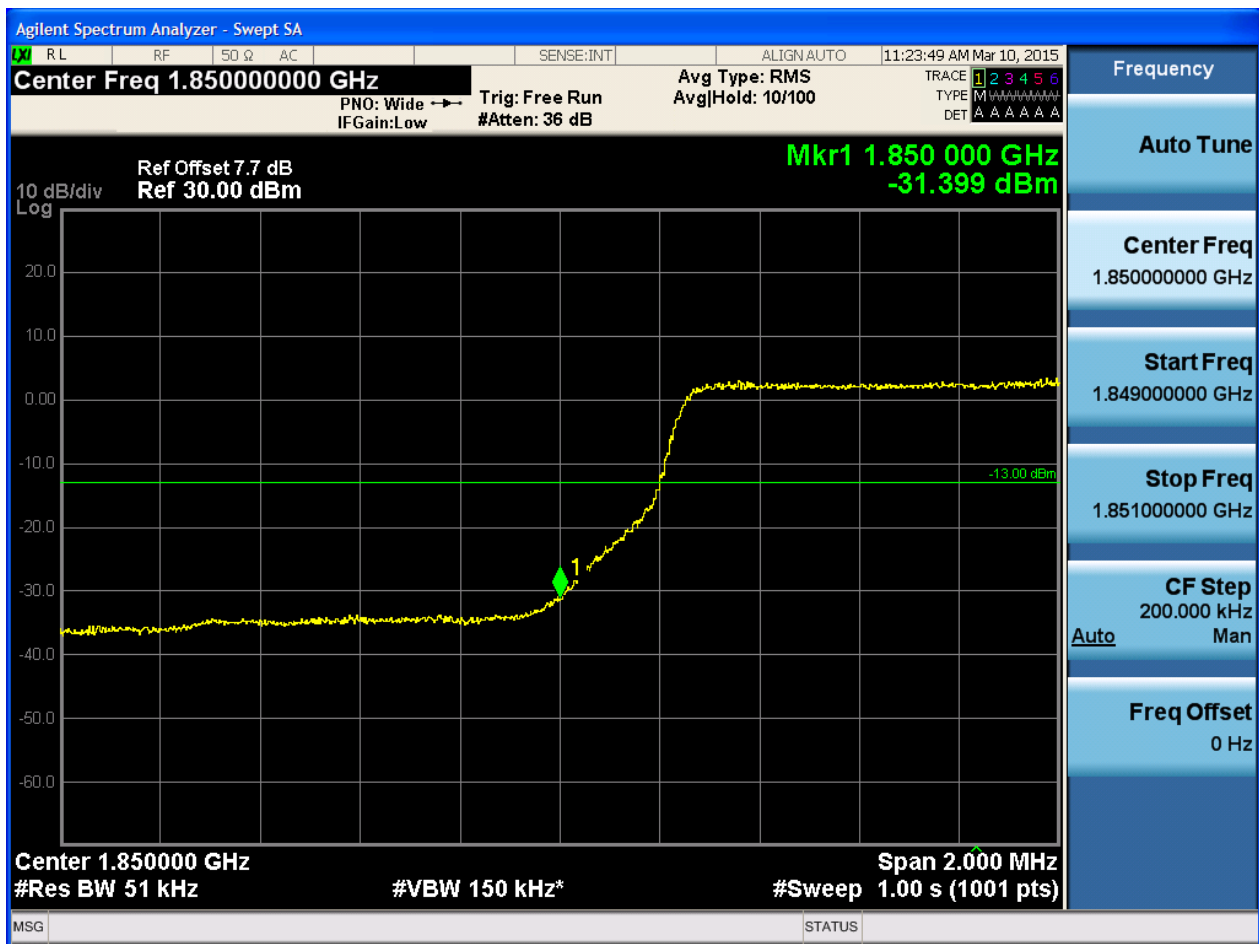


## 5.1.1.1.3.1.3 Test RB = RB12#6





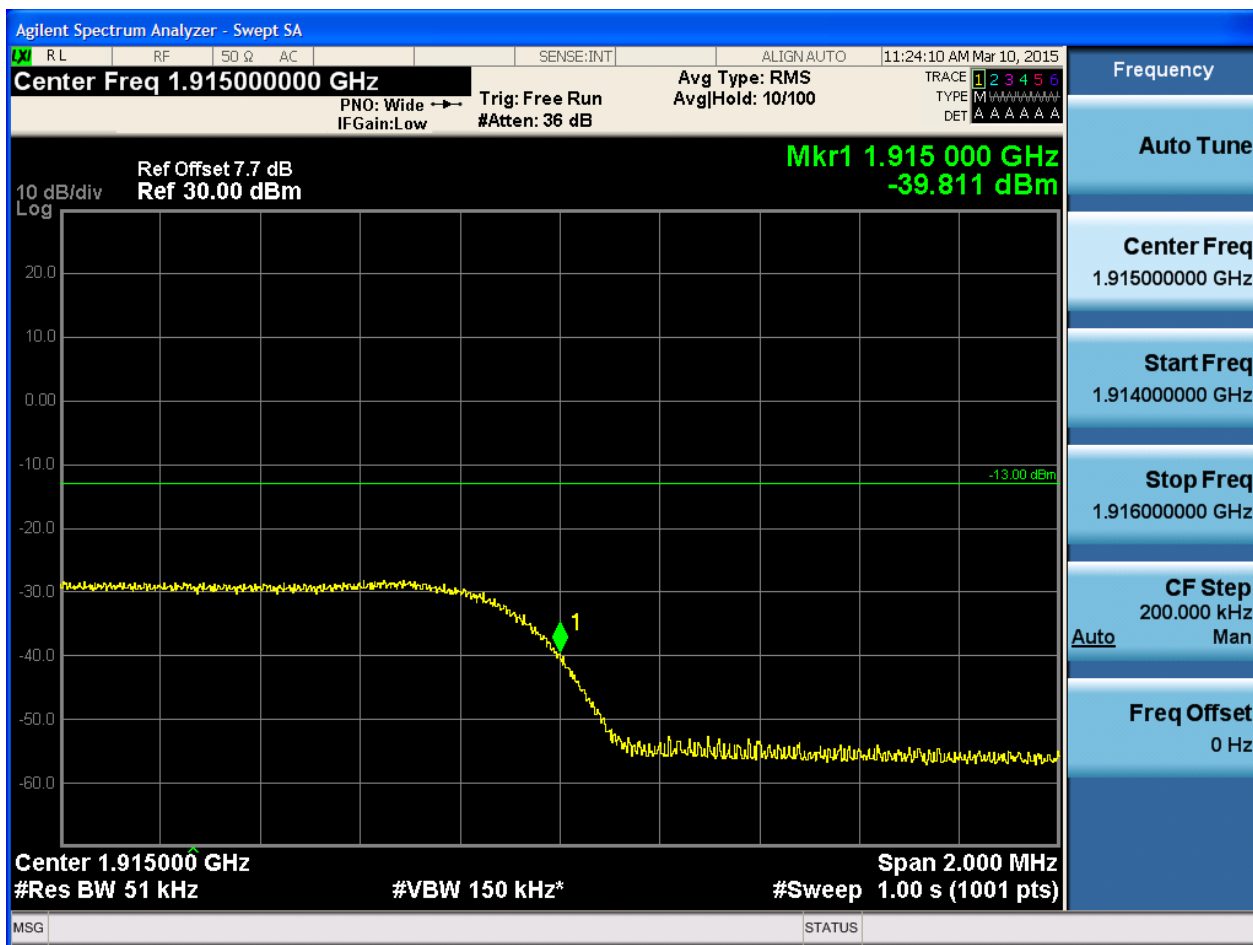
## 5.1.1.1.3.1.4 Test RB = RB25#0

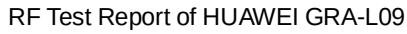




## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91500000 GHz

Ref Offset 7.7 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.915 000 GHz  
-22.724 dBm

Trig: Free Run  
#Atten: 36 dB

PNO: Wide  
IFGain: Low

Avg Type: RMS  
Avg/Hold: 10/100

TRACE 1 2 3 4 5 6  
TYPE M W W W W W W W  
DET A A A A A A

Frequency

Auto Tune

Center Freq  
1.91500000 GHz

Start Freq  
1.914000000 GHz

Stop Freq  
1.916000000 GHz

CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz

Center 1.915000 GHz  
#Res BW 51 kHz

#VBW 150 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

MSG STATUS



## 5.1.1.1.3.2.3 Test RB = RB12#6





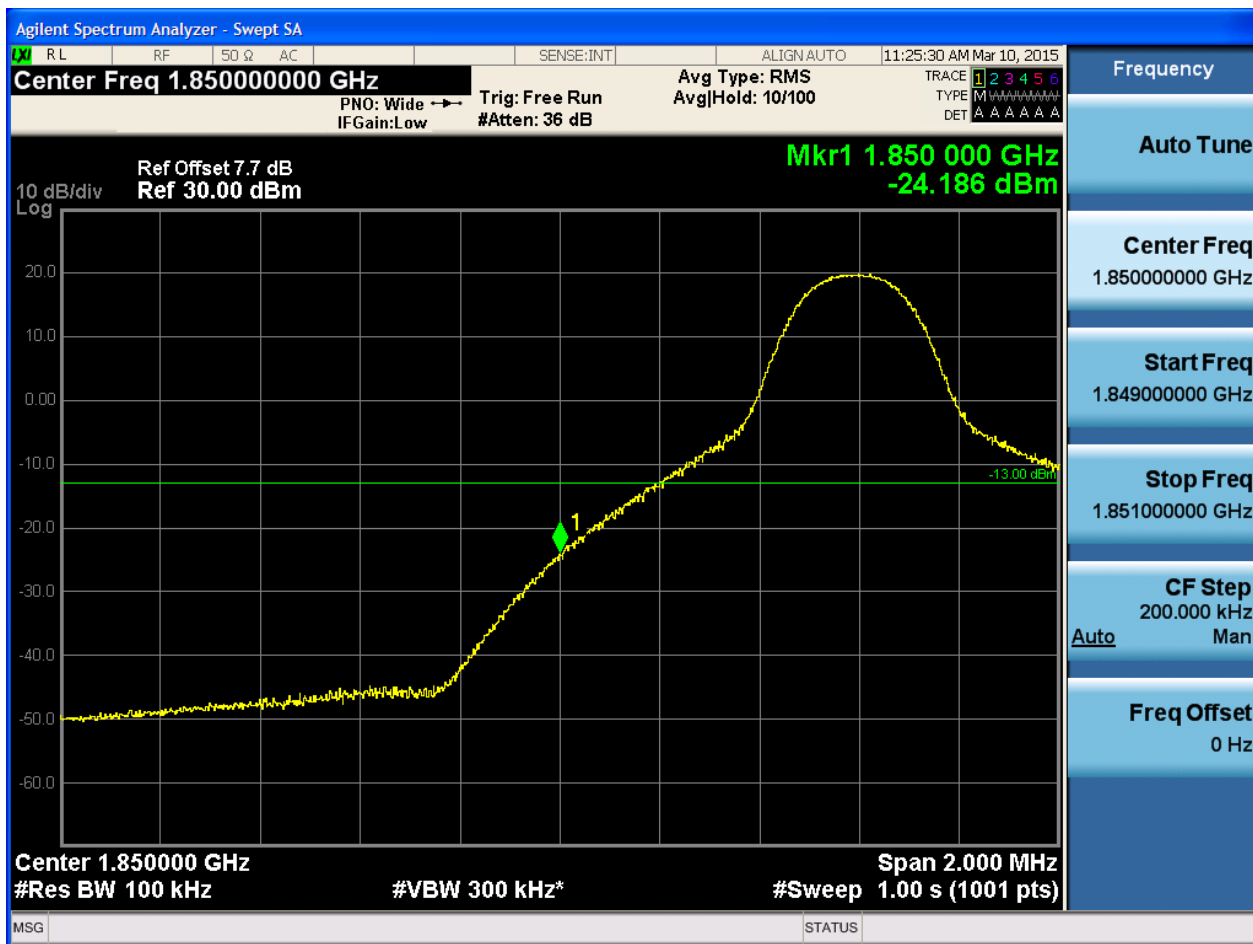
## 5.1.1.1.3.2.4 Test RB = RB25#0



#### 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

