



## Appendix for test report

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

### Part I - Test Results

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
| BAND4          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 21.67         | 18.47     | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.9          | 18.7      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.81         | 18.61     | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.66         | 18.46     | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.79         | 18.59     | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.76         | 18.56     | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.69         | 17.49     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22            | 18.8      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.11         | 18.91     | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.88         | 18.68     | 30          | PASS    |
|                |           |                |              | RB3#0   | 22            | 18.8      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.02         | 18.82     | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.93         | 18.73     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB6#0   | 20.97         | 17.77     | 30          | PASS    |
|                |           |                |              | RB1#0   | 22            | 18.8      | 30          | PASS    |
|                |           |                | HCH          | RB1#3   | 22.17         | 18.97     | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.12         | 18.92     | 30          | PASS    |
|                |           |                |              | RB3#0   | 22            | 18.8      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.14         | 18.94     | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.14         | 18.94     | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.07         | 17.87     | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.22         | 18.02     | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.86         | 18.66     | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.72         | 18.52     | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.49         | 17.29     | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.74         | 17.54     | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.77         | 17.57     | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.61         | 17.41     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.59         | 18.39     | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.05         | 18.85     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB1#14  | 21.64         | 18.44     | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.74         | 17.54     | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.92         | 17.72     | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.9          | 17.7      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.81         | 17.61     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.7          | 18.5      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.19         | 18.99     | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.96         | 18.76     | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.02         | 17.82     | 30          | PASS    |
|                |           |                |              | RB8#4   | 21            | 17.8      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.03         | 17.83     | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.9          | 17.7      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 21.11         | 17.91     | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.04         | 18.84     | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.52         | 18.32     | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.51         | 17.31     | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.85         | 17.65     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB12#13 | 20.78         | 17.58     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.52         | 17.32     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.43         | 18.23     | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.03         | 18.83     | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.35         | 18.15     | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.74         | 17.54     | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.93         | 17.73     | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.65         | 17.45     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.69         | 17.49     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.52         | 18.32     | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.5          | 19.3      | 30          | PASS    |
|                |           |                |              | RB1#24  | 21.73         | 18.53     | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.15         | 17.95     | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.4          | 18.2      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.04         | 17.84     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.91         | 17.71     | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 21.27         | 18.07     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB1#25  | 22.18         | 18.98     | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.05         | 18.85     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.42         | 17.22     | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.83         | 17.63     | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.74         | 17.54     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.77         | 17.57     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.65         | 18.45     | 30          | PASS    |
|                |           |                |              | RB1#25  | 22            | 18.8      | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.88         | 18.68     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.91         | 17.71     | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.92         | 17.72     | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.74         | 17.54     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.76         | 17.56     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22            | 18.8      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.41         | 19.21     | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.97         | 18.77     | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.92         | 17.72     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB25#13 | 21.14         | 17.94     | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.76         | 17.56     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.83         | 17.63     | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21.71         | 18.51     | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.34         | 19.14     | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.01         | 18.81     | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.86         | 17.66     | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.31         | 18.11     | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.05         | 17.85     | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.97         | 17.77     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.18         | 18.98     | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.14         | 18.94     | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.91         | 18.71     | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.15         | 17.95     | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.19         | 17.99     | 30          | PASS    |
|                |           |                |              | RB38#39 | 21            | 17.8      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.96         | 17.76     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 22.26         | 19.06     | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.59         | 19.39     | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.94         | 18.74     | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.15         | 17.95     | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.17         | 17.97     | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.79         | 17.59     | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.99         | 17.79     | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.12         | 18.92     | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.41         | 19.21     | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.27         | 19.07     | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.36         | 18.16     | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.5          | 18.3      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.55         | 18.35     | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.47         | 18.27     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.83         | 19.63     | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.13         | 18.93     | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.52         | 19.32     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB50#0  | 21.42         | 18.22     | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.04         | 17.84     | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.25         | 18.05     | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.3          | 18.1      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.55         | 19.35     | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.43         | 19.23     | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.48         | 19.28     | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.31         | 18.11     | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.35         | 18.15     | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.18         | 17.98     | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.11         | 17.91     | 30          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 20.63         | 17.43     | 30          | PASS    |
|                |           |                |              | RB1#3   | 20.87         | 17.67     | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.06         | 17.86     | 30          | PASS    |
|                |           |                |              | RB3#0   | 20.88         | 17.68     | 30          | PASS    |
|                |           |                |              | RB3#2   | 21            | 17.8      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.01         | 17.81     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB6#0   | 19.87         | 16.67     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.31         | 18.11     | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.4          | 18.2      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.21         | 18.01     | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.14         | 17.94     | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.15         | 17.95     | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.06         | 17.86     | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.08         | 16.88     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.35         | 18.15     | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.48         | 18.28     | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.44         | 18.24     | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.19         | 17.99     | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.34         | 18.14     | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.33         | 18.13     | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.29         | 17.09     | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 20.32         | 17.12     | 30          | PASS    |
|                |           |                |              | RB1#7   | 20.95         | 17.75     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB1#14  | 20.8          | 17.6      | 30          | PASS    |
|                |           |                |              | RB8#0   | 19.59         | 16.39     | 30          | PASS    |
|                |           |                |              | RB8#4   | 19.83         | 16.63     | 30          | PASS    |
|                |           |                |              | RB8#7   | 19.86         | 16.66     | 30          | PASS    |
|                |           |                |              | RB15#0  | 19.64         | 16.44     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.65         | 17.45     | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.2          | 18        | 30          | PASS    |
|                |           |                |              | RB1#14  | 20.96         | 17.76     | 30          | PASS    |
|                |           |                |              | RB8#0   | 19.98         | 16.78     | 30          | PASS    |
|                |           |                |              | RB8#4   | 19.89         | 16.69     | 30          | PASS    |
|                |           |                |              | RB8#7   | 19.91         | 16.71     | 30          | PASS    |
|                |           |                |              | RB15#0  | 19.76         | 16.56     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.07         | 17.87     | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.54         | 18.34     | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.26         | 18.06     | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.31         | 17.11     | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.27         | 17.07     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB8#7   | 20.29         | 17.09     | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.17         | 16.97     | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 20.2          | 17        | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.16         | 17.96     | 30          | PASS    |
|                |           |                |              | RB1#24  | 20.65         | 17.45     | 30          | PASS    |
|                |           |                |              | RB12#0  | 19.55         | 16.35     | 30          | PASS    |
|                |           |                |              | RB12#6  | 19.9          | 16.7      | 30          | PASS    |
|                |           |                |              | RB12#13 | 19.84         | 16.64     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.52         | 16.32     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.58         | 17.38     | 30          | PASS    |
|                |           |                |              | RB1#13  | 21.29         | 18.09     | 30          | PASS    |
|                |           |                |              | RB1#24  | 20.78         | 17.58     | 30          | PASS    |
|                |           |                |              | RB12#0  | 19.98         | 16.78     | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.18         | 16.98     | 30          | PASS    |
|                |           |                |              | RB12#13 | 19.93         | 16.73     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.69         | 16.49     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 20.93         | 17.73     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB1#13  | 21.66         | 18.46     | 30          | PASS    |
|                |           |                |              | RB1#24  | 20.89         | 17.69     | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.14         | 16.94     | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.41         | 17.21     | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.06         | 16.86     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.88         | 16.68     | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 20.5          | 17.3      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.36         | 18.16     | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.27         | 18.07     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.4          | 16.2      | 30          | PASS    |
|                |           |                |              | RB25#13 | 19.83         | 16.63     | 30          | PASS    |
|                |           |                |              | RB25#25 | 19.74         | 16.54     | 30          | PASS    |
|                |           |                |              | RB50#0  | 19.76         | 16.56     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 20.91         | 17.71     | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.24         | 18.04     | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.17         | 17.97     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.87         | 16.67     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB25#13 | 19.64         | 16.44     | 30          | PASS    |
|                |           |                |              | RB25#25 | 19.48         | 16.28     | 30          | PASS    |
|                |           |                |              | RB50#0  | 19.51         | 16.31     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.28         | 18.08     | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.71         | 18.51     | 30          | PASS    |
|                |           |                |              | RB1#49  | 21.18         | 17.98     | 30          | PASS    |
|                |           |                |              | RB25#0  | 19.92         | 16.72     | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.17         | 16.97     | 30          | PASS    |
|                |           |                |              | RB25#25 | 19.77         | 16.57     | 30          | PASS    |
|                |           |                |              | RB50#0  | 19.86         | 16.66     | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 21            | 17.8      | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.64         | 18.44     | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.31         | 18.11     | 30          | PASS    |
|                |           |                |              | RB38#0  | 19.87         | 16.67     | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.08         | 16.88     | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.07         | 16.87     | 30          | PASS    |
|                |           |                |              | RB75#0  | 20            | 16.8      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 21.29         | 18.09     | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.21         | 18.01     | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.03         | 17.83     | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.14         | 16.94     | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.2          | 17        | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.05         | 16.85     | 30          | PASS    |
|                |           |                |              | RB75#0  | 19.98         | 16.78     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.53         | 18.33     | 30          | PASS    |
|                |           |                |              | RB1#38  | 21.84         | 18.64     | 30          | PASS    |
|                |           |                |              | RB1#74  | 21.09         | 17.89     | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.25         | 17.05     | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.24         | 17.04     | 30          | PASS    |
|                |           |                |              | RB38#39 | 19.86         | 16.66     | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.05         | 16.85     | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 21.29         | 18.09     | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.6          | 18.4      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.41         | 18.21     | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB50#0  | 20.39         | 17.19     | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.3          | 17.1      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.32         | 17.12     | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.26         | 17.06     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.17         | 18.97     | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.57         | 18.37     | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.91         | 18.71     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.42         | 17.22     | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.06         | 16.86     | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.33         | 17.13     | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.36         | 17.16     | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.94         | 18.74     | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.86         | 18.66     | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.77         | 18.57     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.41         | 17.21     | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.36         | 17.16     | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.22         | 17.02     | 30          | PASS    |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
|                |           |                |              | RB100#0 | 20.2          | 17        | 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: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

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

### Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND4              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.21         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.42         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.18         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.3          | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.02         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.06         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.88         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#0   | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.05         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6            | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.04         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.25         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.07         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.84         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.16         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.51         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.1          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.44         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | MCH          | RB1#0   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.45         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.16         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.56         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.26         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.37         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.57         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.55         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.48         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.57         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.27         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#25 | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.29         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.25         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.3          | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.43         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.39         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.73         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.54         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.94         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6            | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.75         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.41         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 6.69         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#7   | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.87         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.65         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.86         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.55         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.4          | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.84         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.76         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 7.04         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.83         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.71         | 13         | PASS    |
|                    |           |                      | MCH          | RB25#0  | 7.5          | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.58         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7            | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.53         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   |              | RB12#13 | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.01         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 6.4          | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.35         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.03         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.03         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.07         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.78         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.13         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.24         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.99         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.18         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.23         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.73         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.79         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.09         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.94         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.19         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.71         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#74  | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.12         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.12         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.47         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.46         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.88         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.45         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.77         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.01         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.95         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7            | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.05         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.27         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

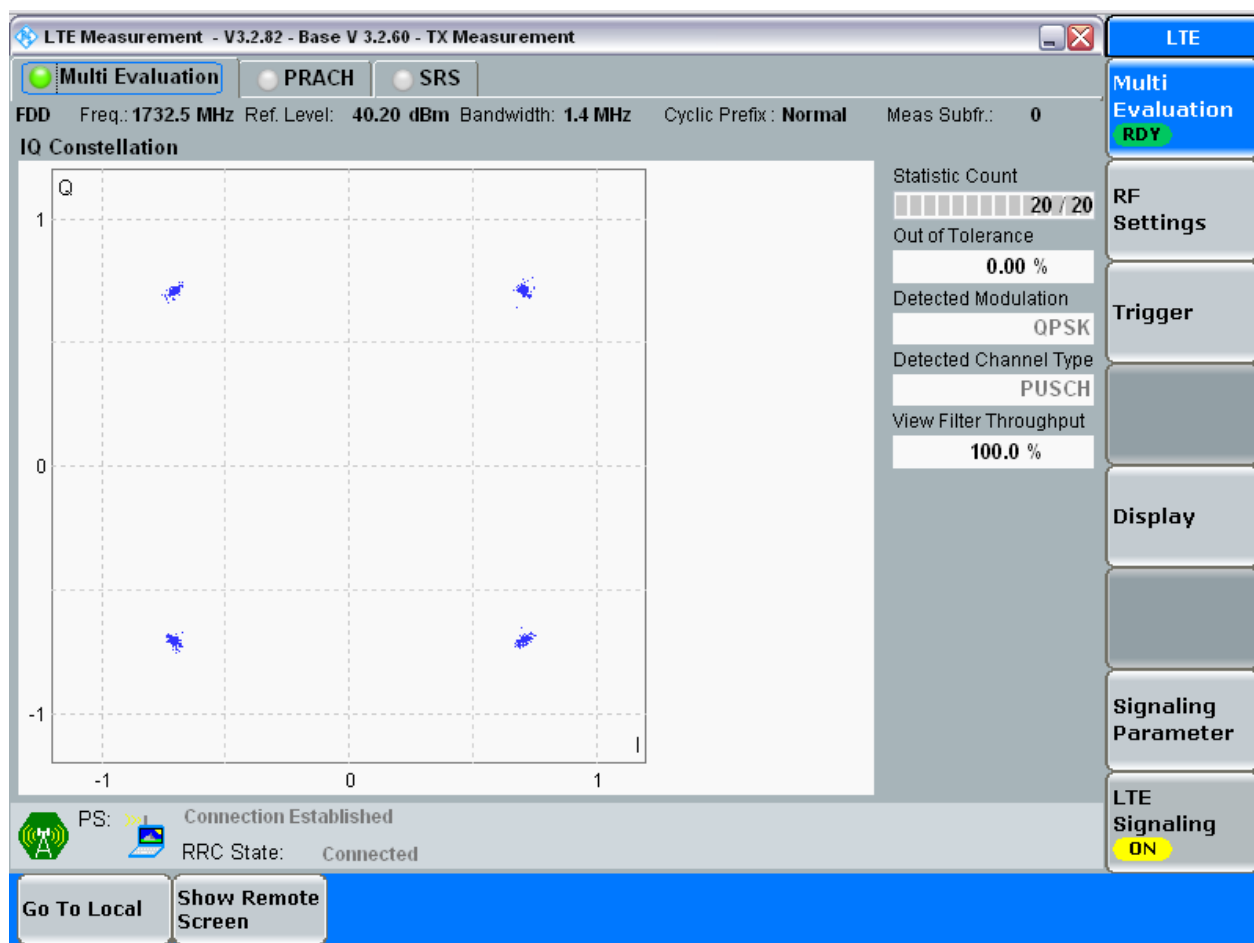
##### 3.1.1 Test Band = BAND4

##### 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

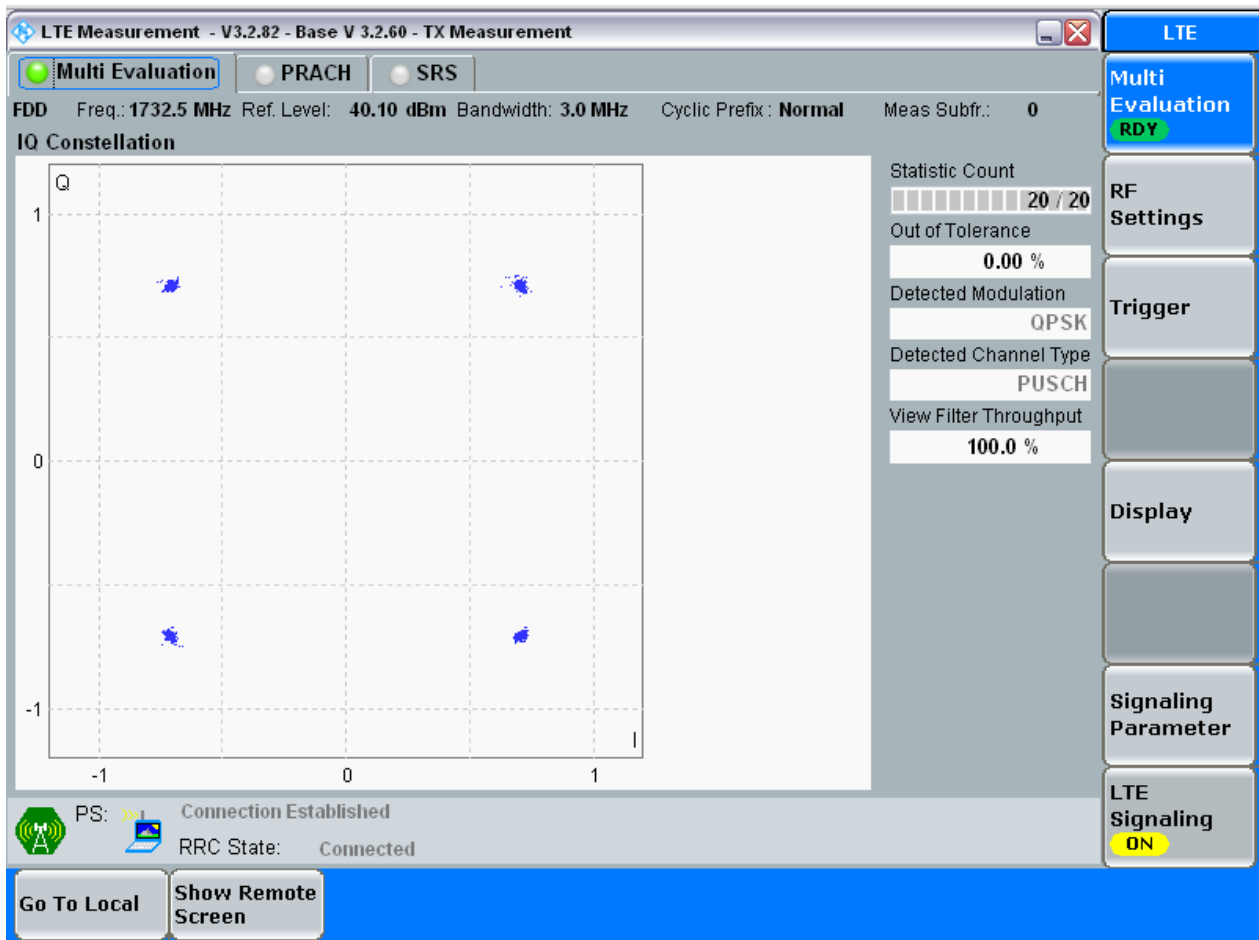
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

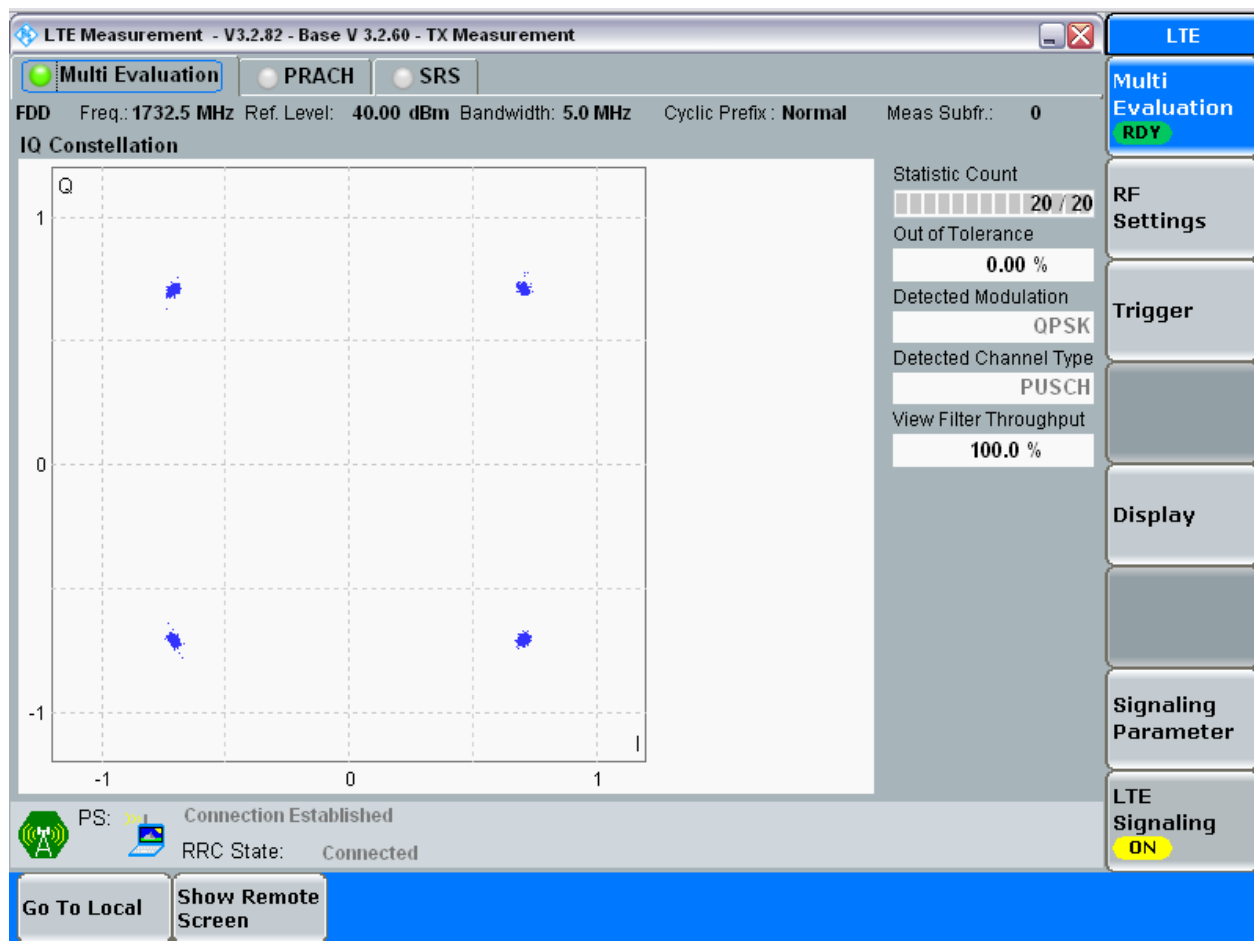
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

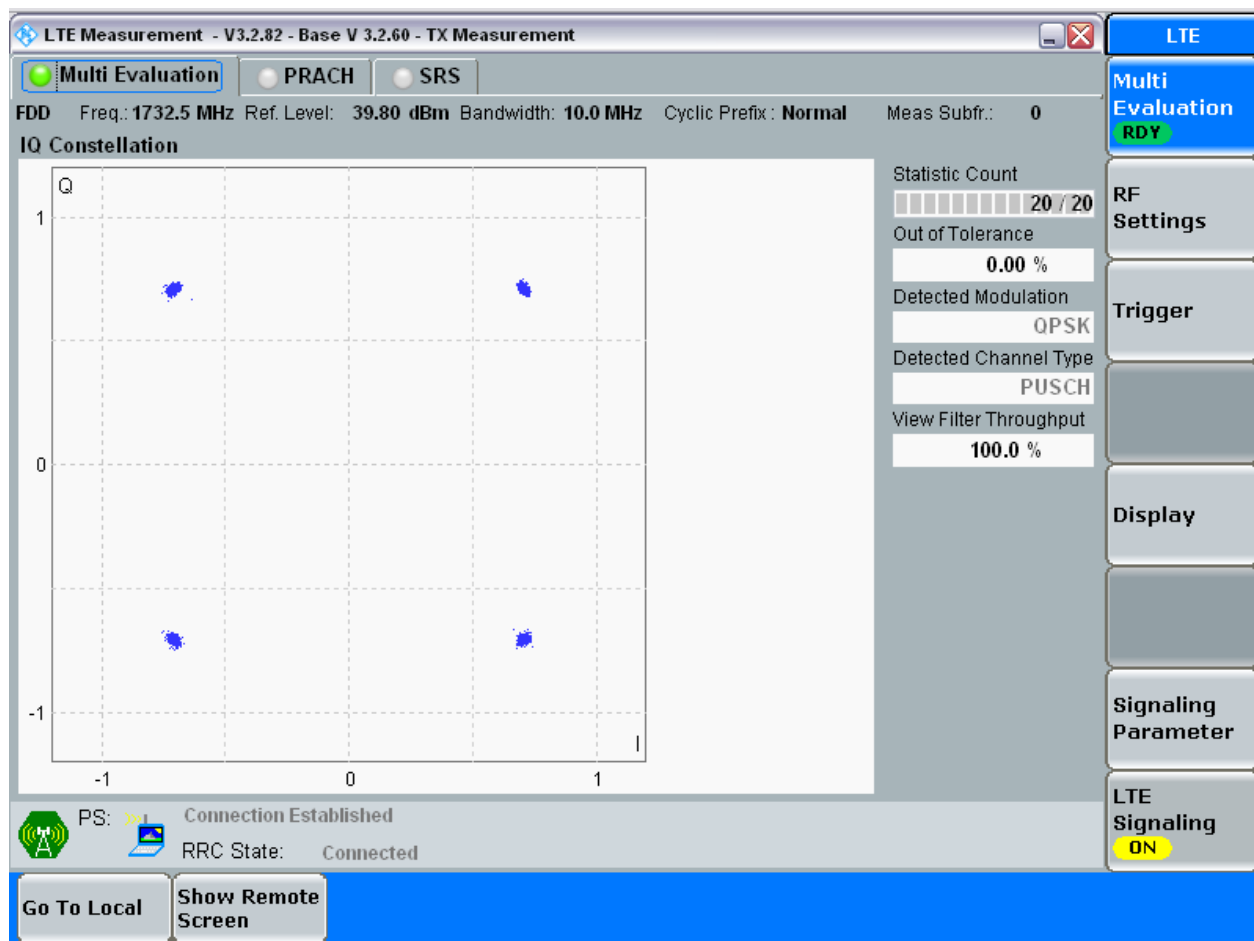
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

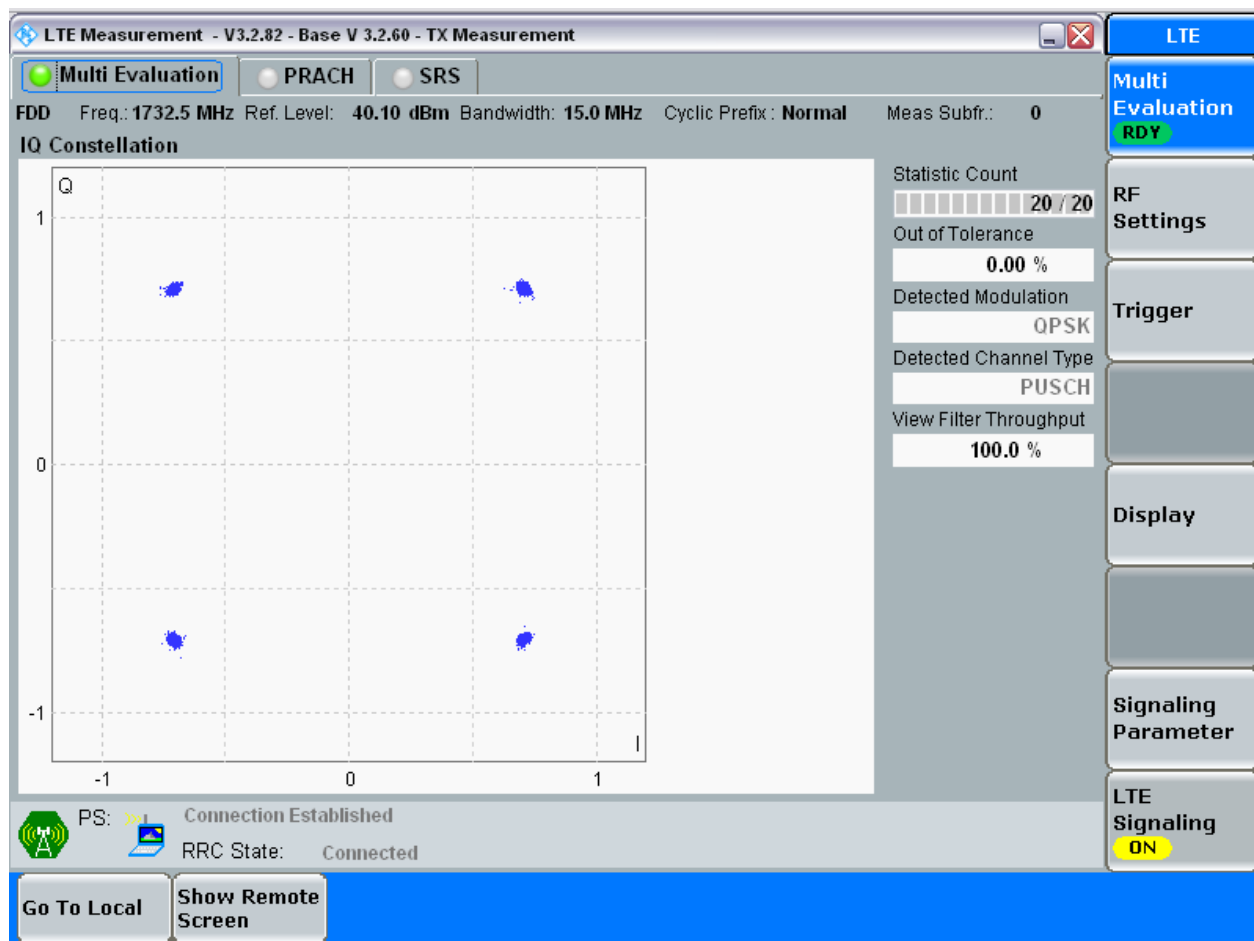
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

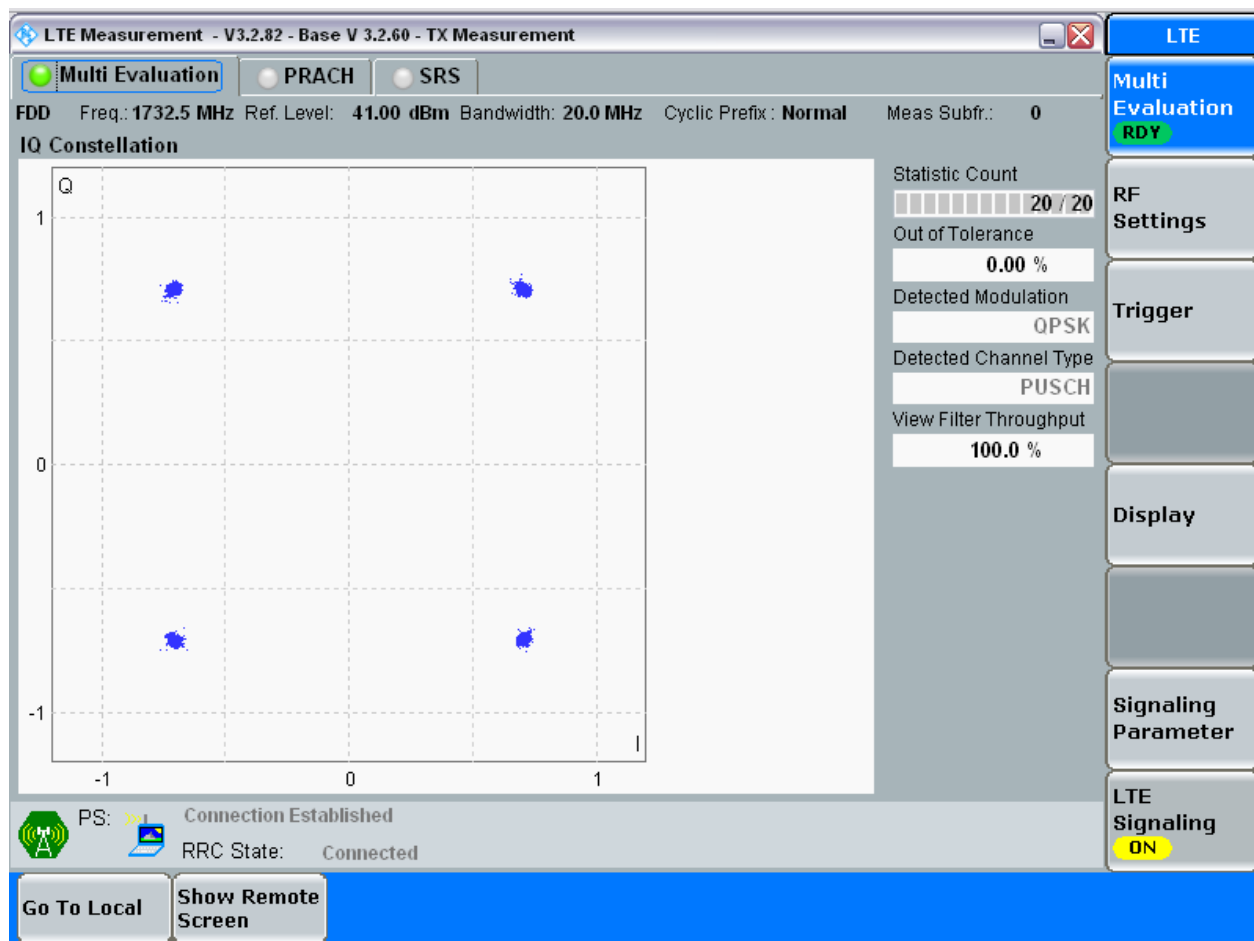
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

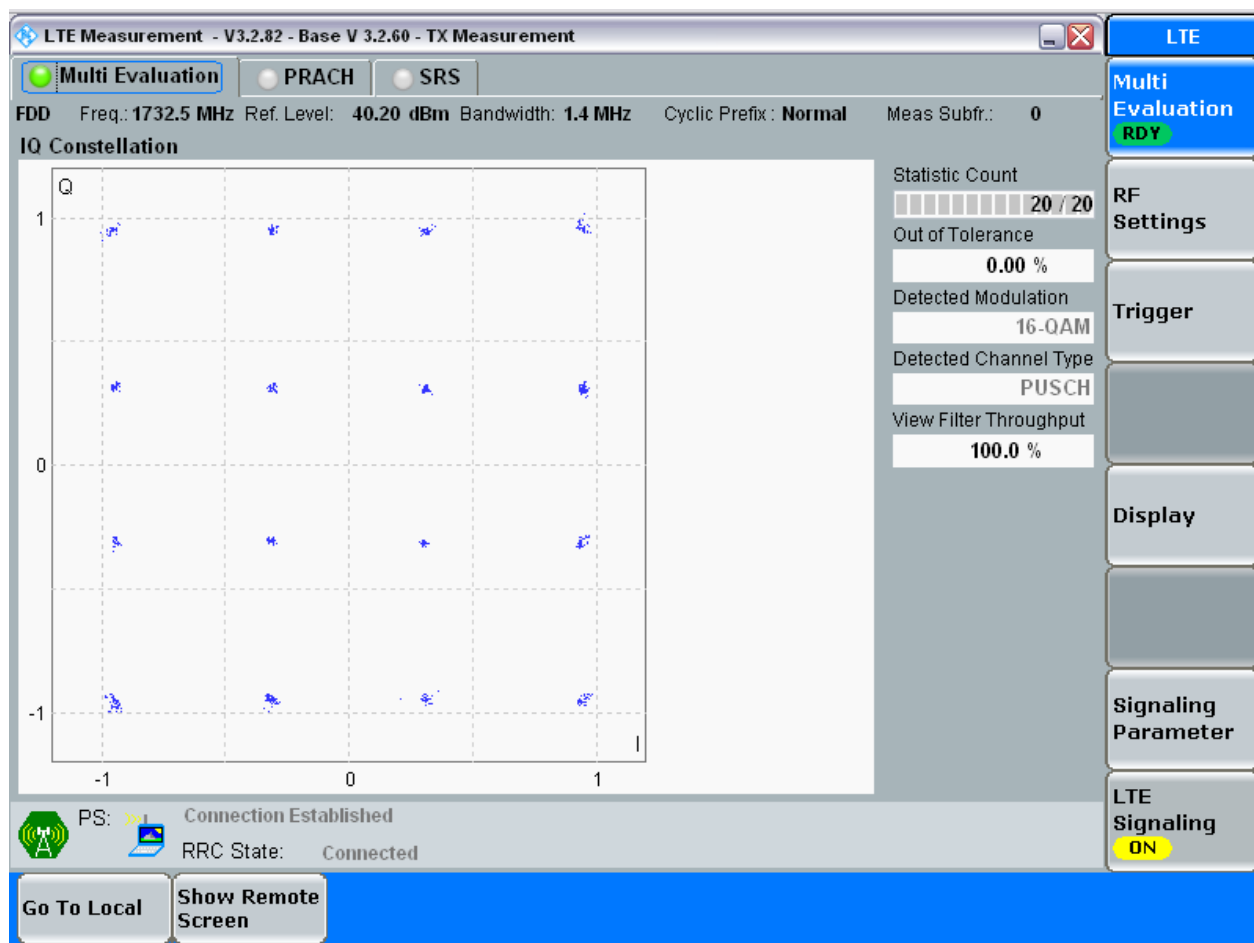


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

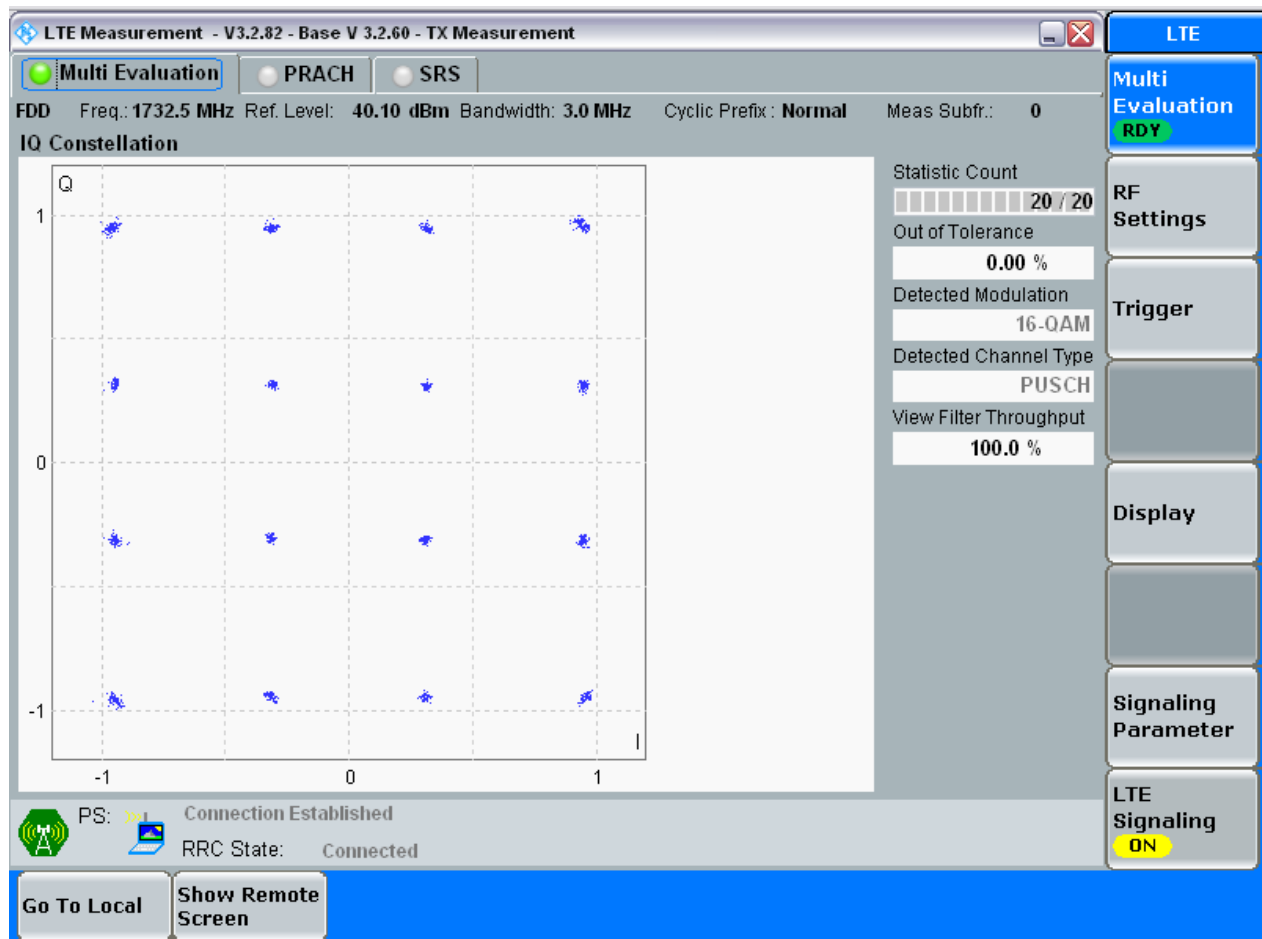
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

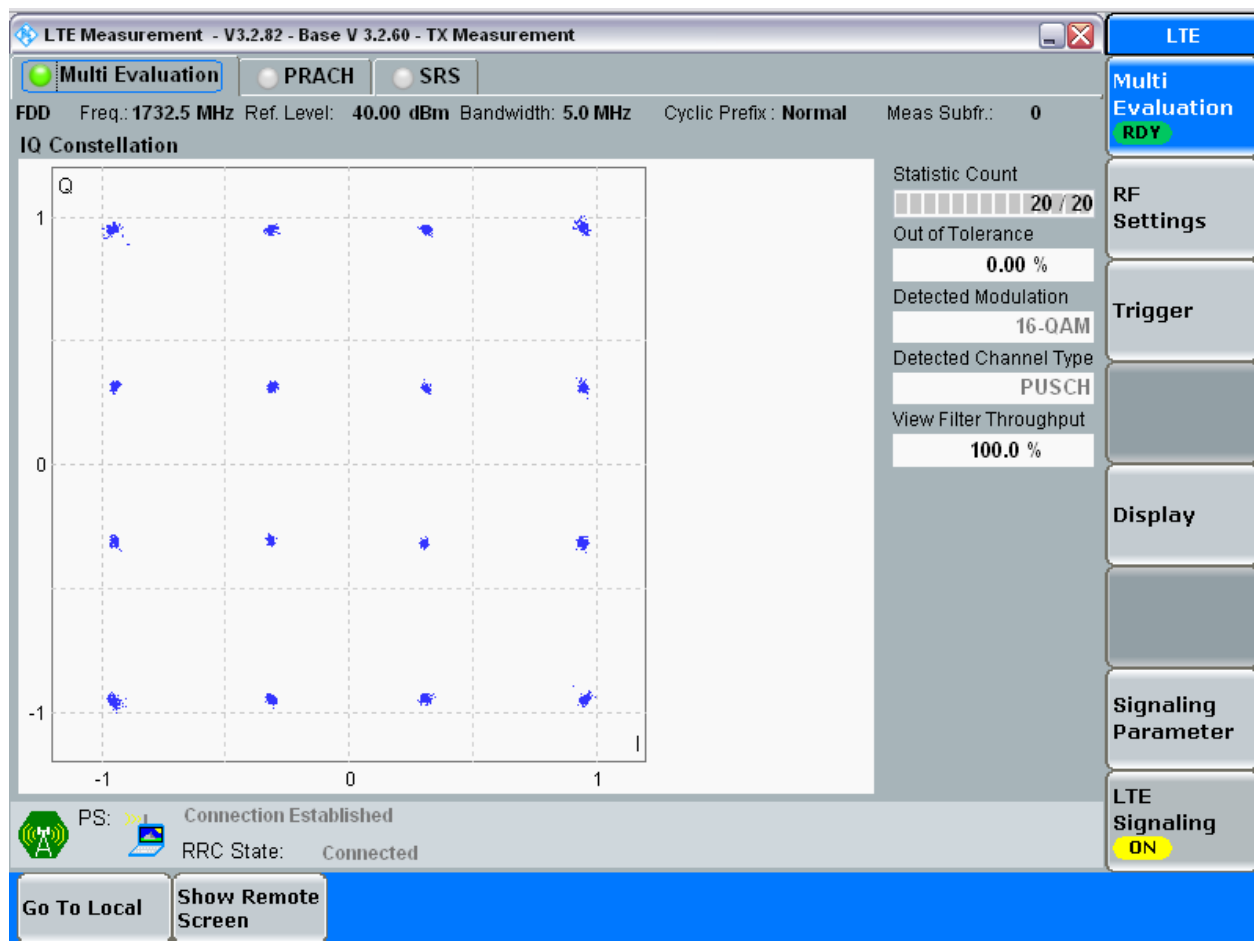
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

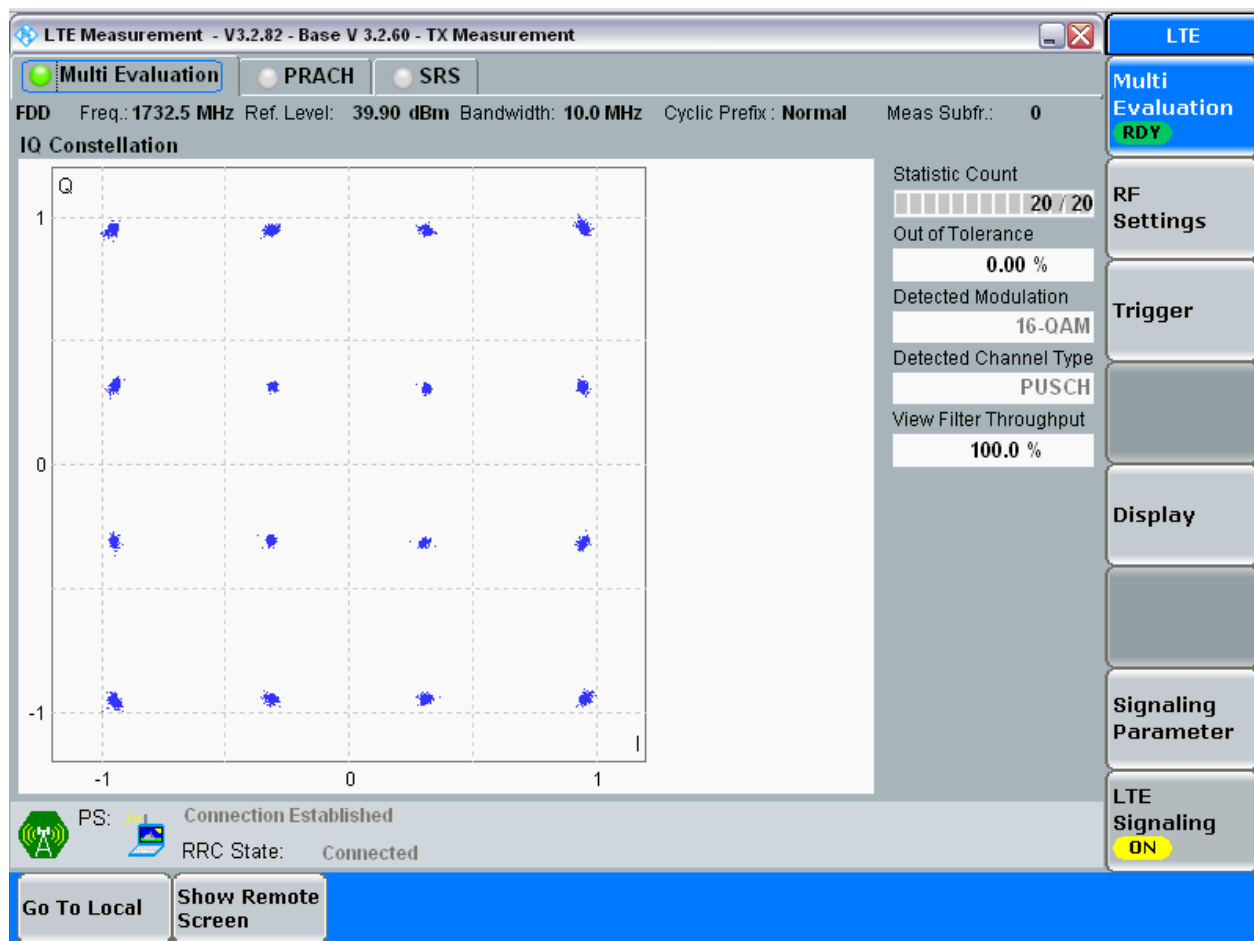
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

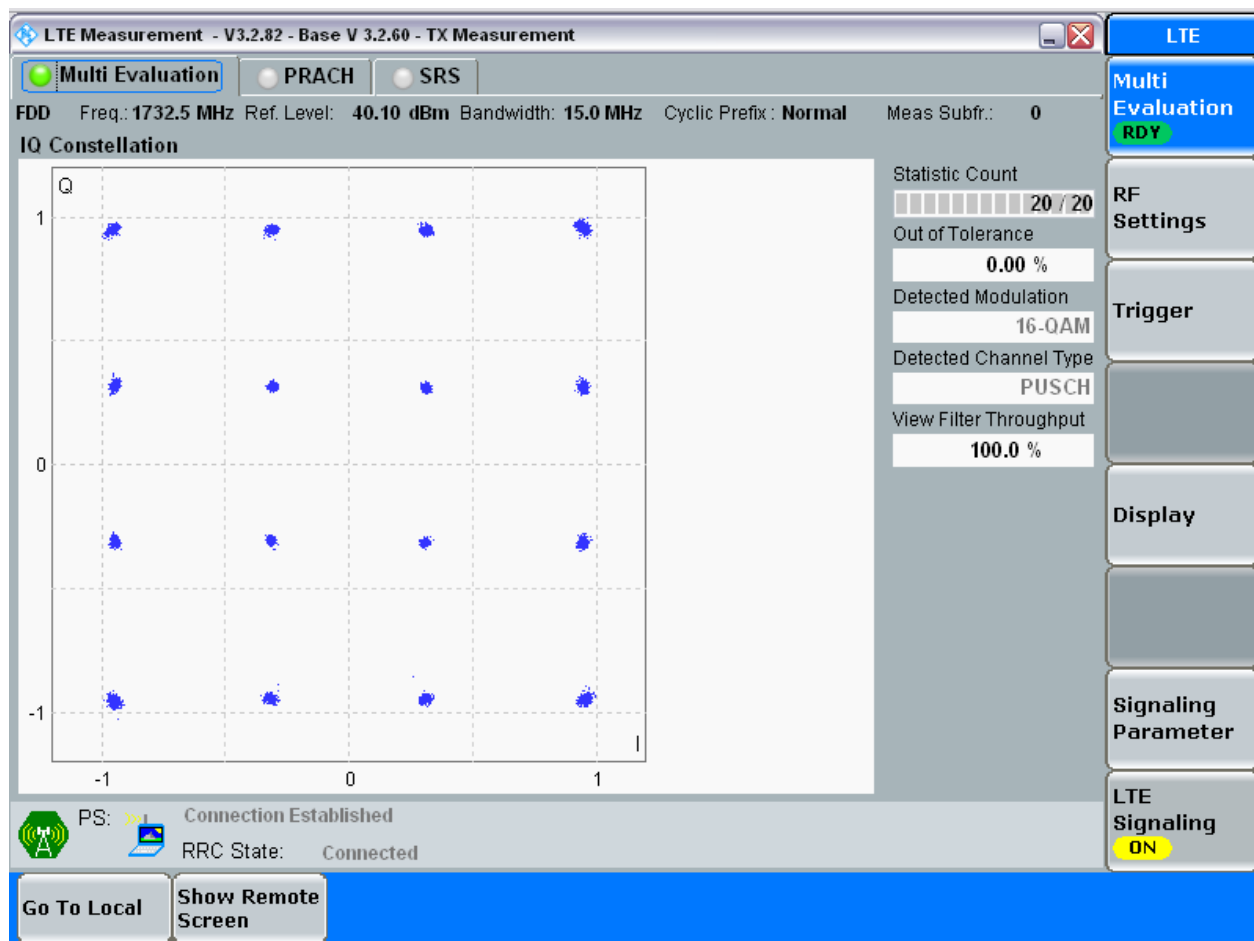
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

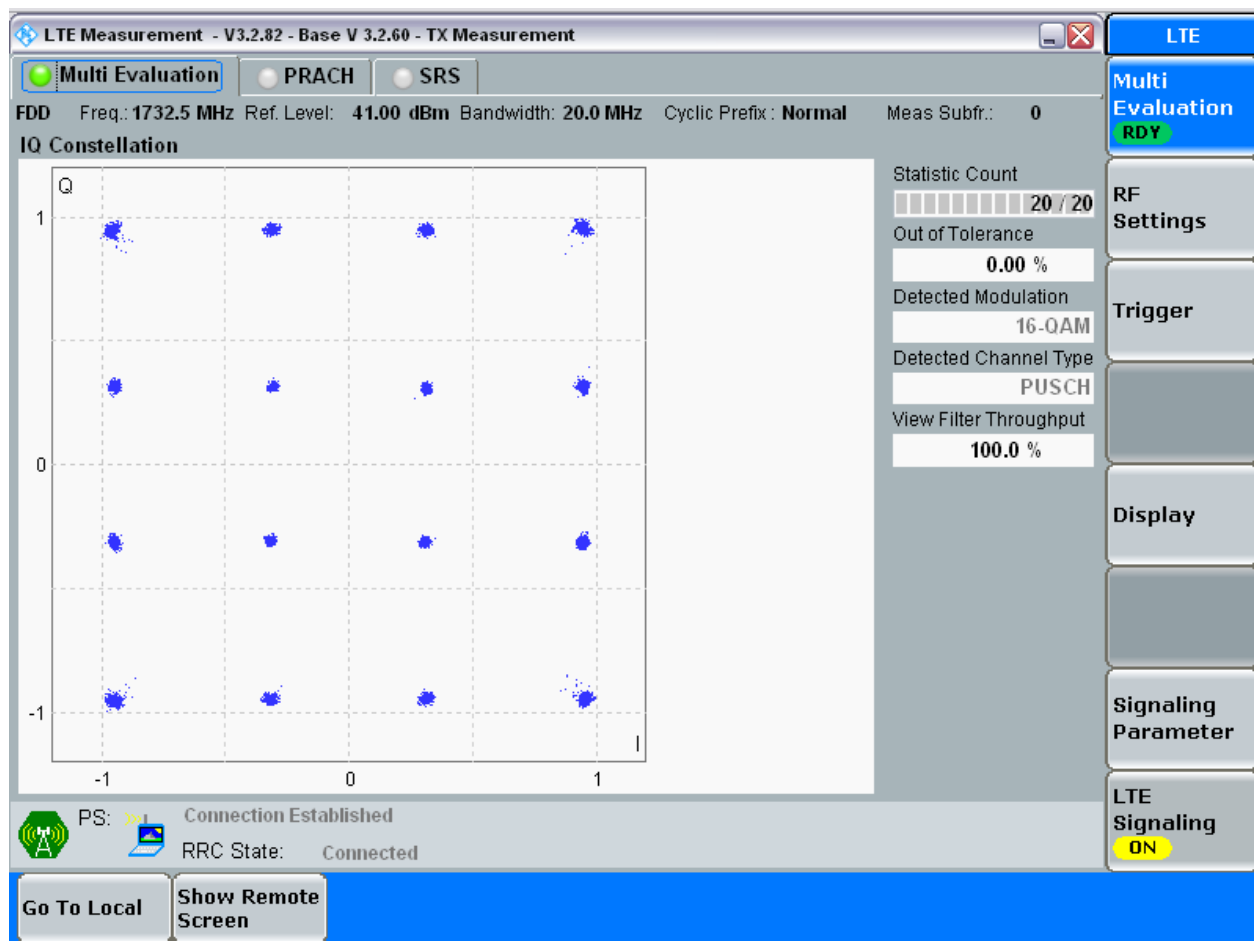
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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                     | 1.23                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.70                     | 2.93                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.94                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.50                     | 4.87                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.50                     | 4.84                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.50                     | 4.87                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 9.63                     | Pass    |
|           |           |                | MCH          | RB50#0  | 8.99                     | 9.66                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.02                     | 9.69                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.49                    | 14.36                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.47                    | 14.38                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.51                    | 14.44                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.94                    | 19.04                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.97                    | 19.05                    | Pass    |
|           |           |                | HCH          | RB100#0 | 18.02                    | 19.13                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.23                     | 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                     | 2.93                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.70                     | 2.94                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.49                     | 4.85                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.49                     | 4.84                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.49                     | 4.85                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 9.62                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.00                     | 9.64                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.68                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.49                    | 14.42                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.49                    | 14.29                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.52                    | 14.39                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.94                    | 19.05                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.96                    | 19.08                    | Pass    |
|           |           |                | HCH          | RB100#0 | 18.04                    | 19.13                    | Pass    |

## Part II - Test Plots

### 4.1 For LTE

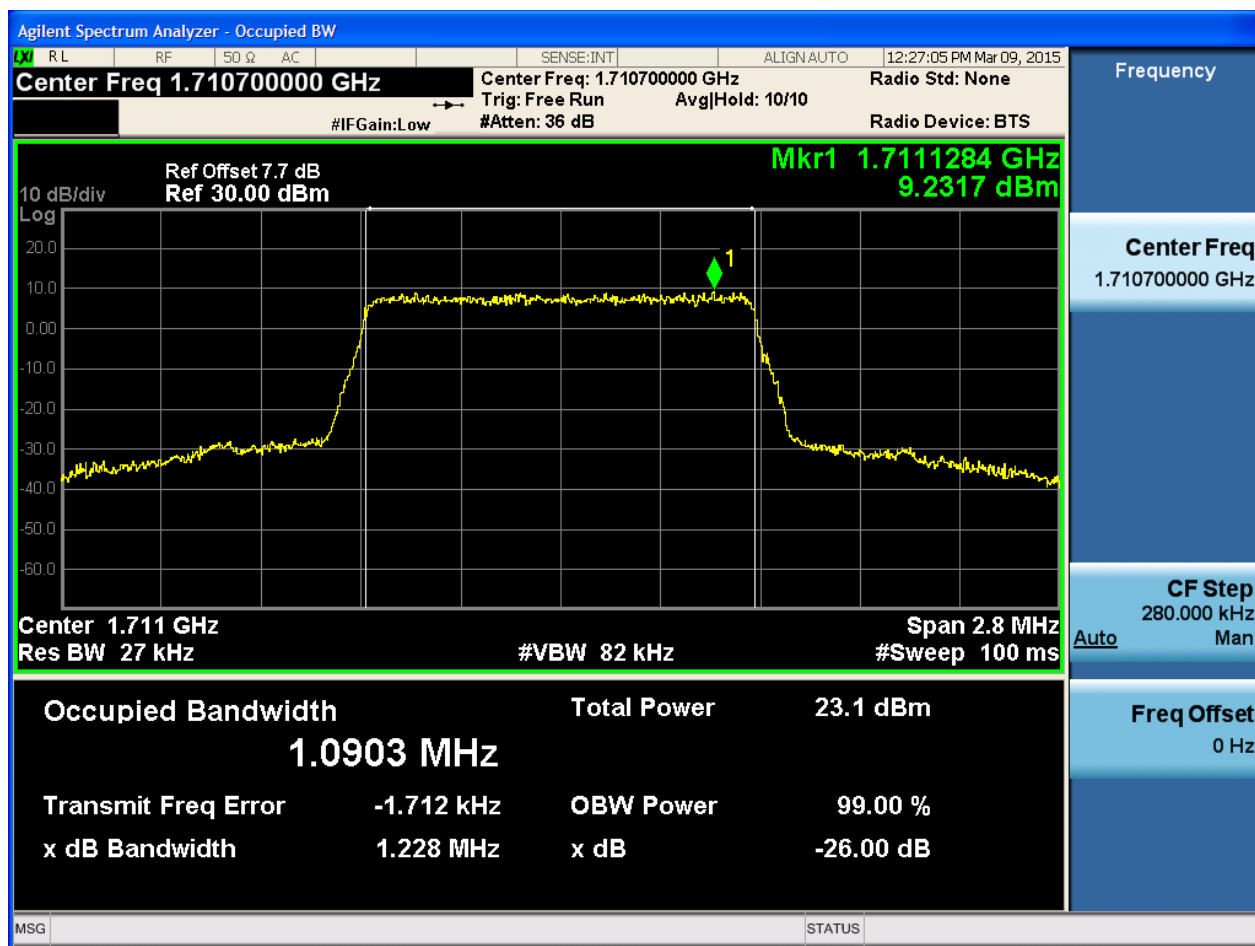
#### 4.1.1 Test Band = BAND4

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

##### 4.1.1.1.1 Test Bandwidth = 1.4

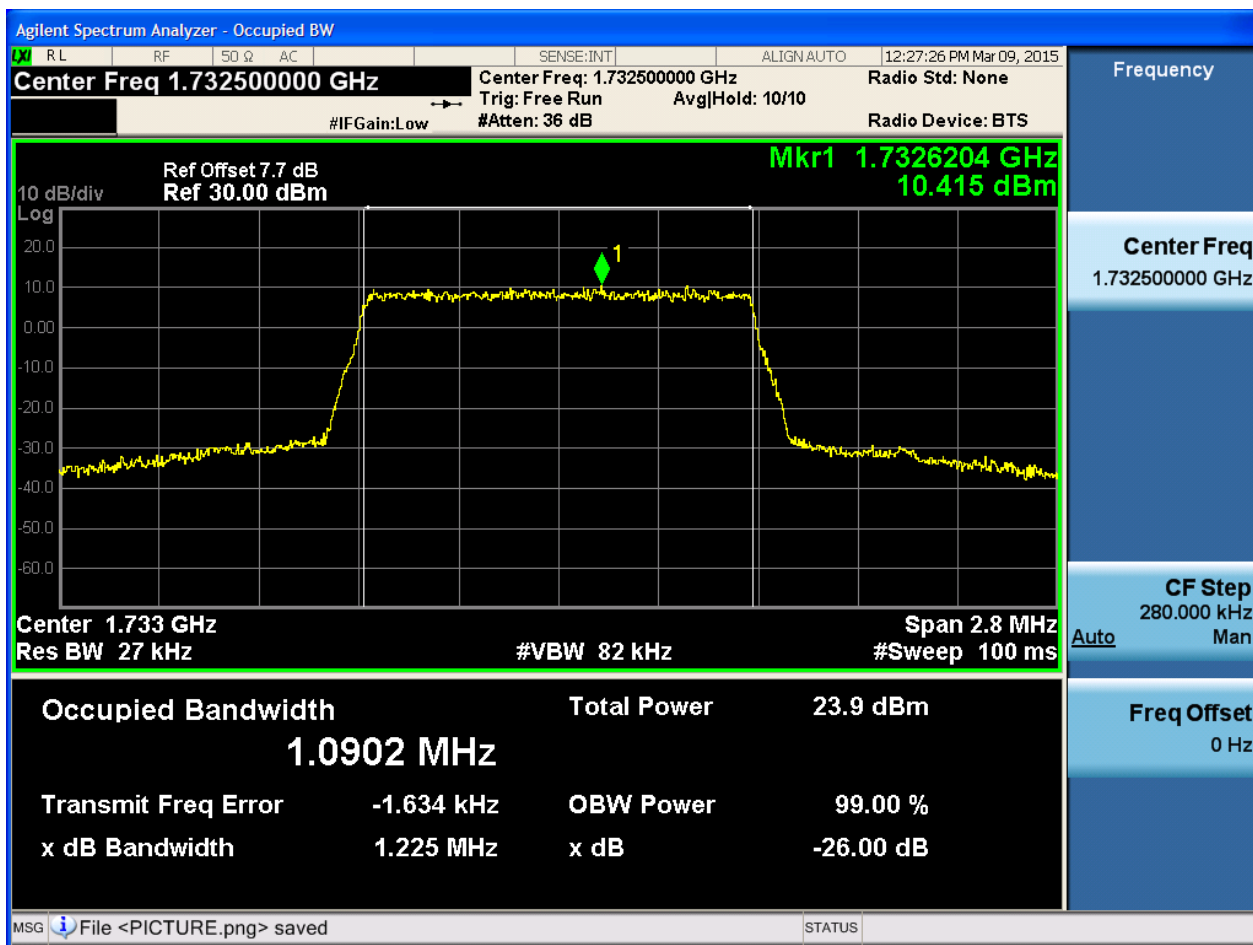
##### 4.1.1.1.1.1 Test Channel = LCH

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



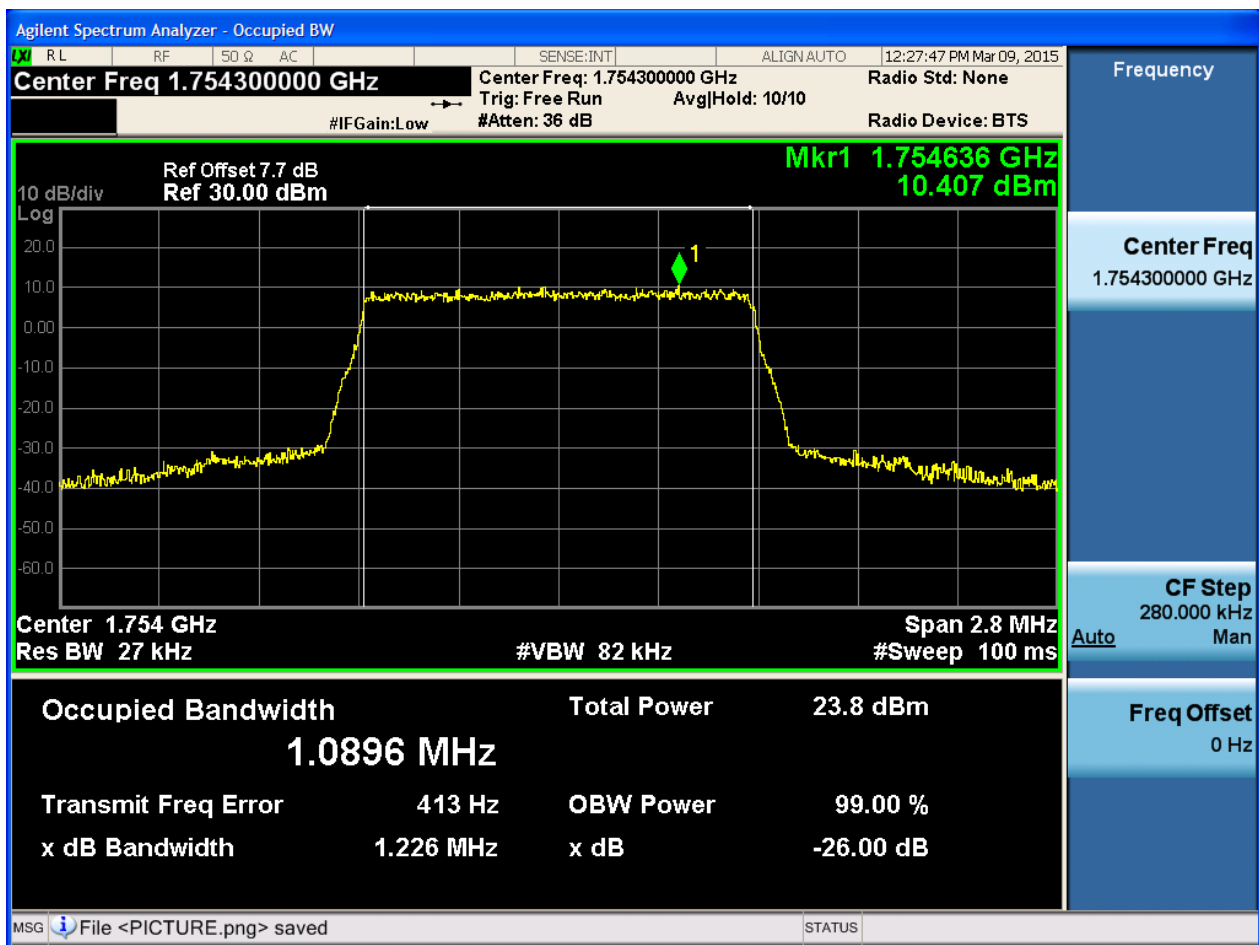
#### 4.1.1.1.1.2 Test Channel = MCH

#### 4.1.1.1.1.2.1 Test RB = RB6#0



#### 4.1.1.1.1.3 Test Channel = HCH

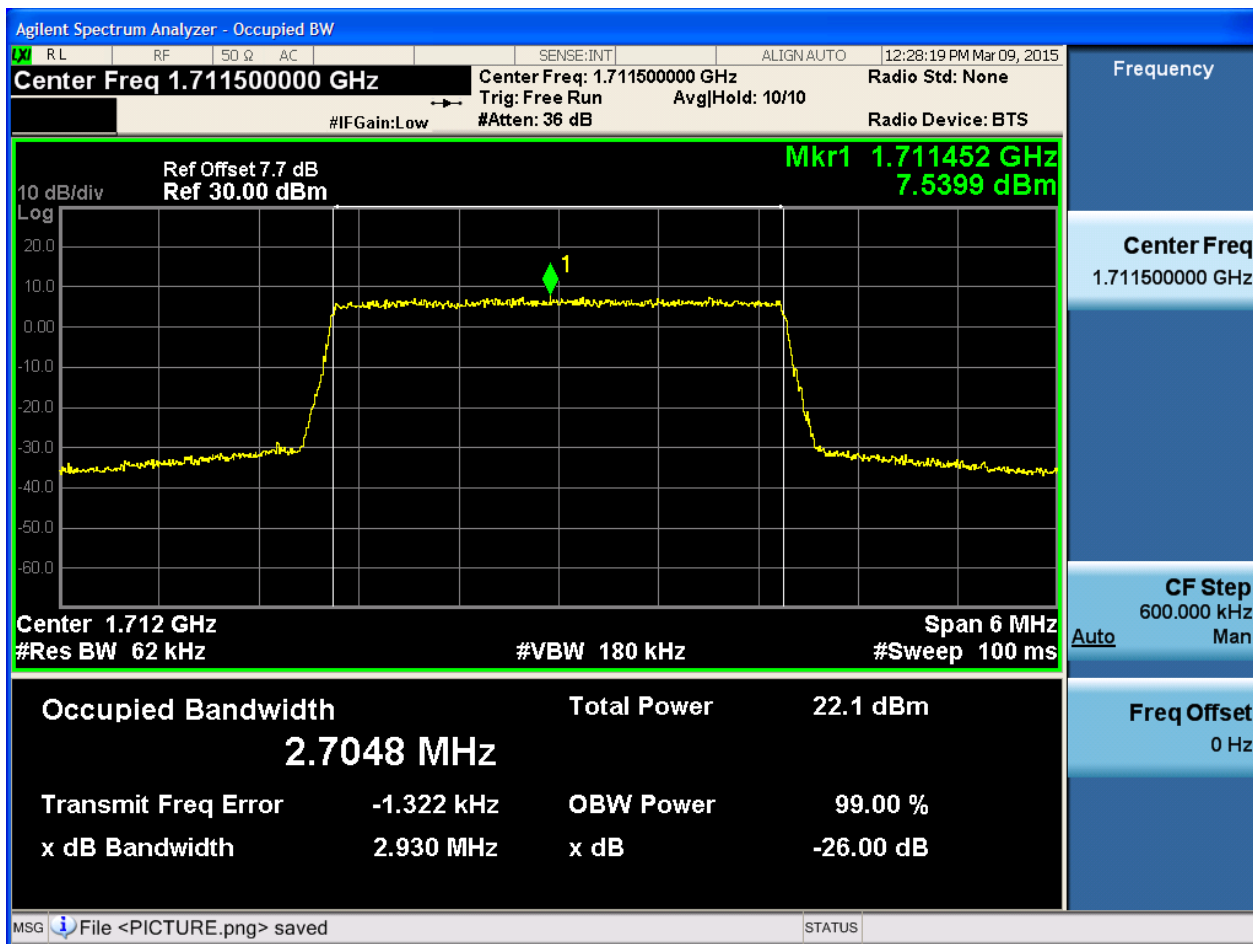
##### 4.1.1.1.1.3.1 Test RB = RB6#0



#### 4.1.1.1.2 Test Bandwidth = 3

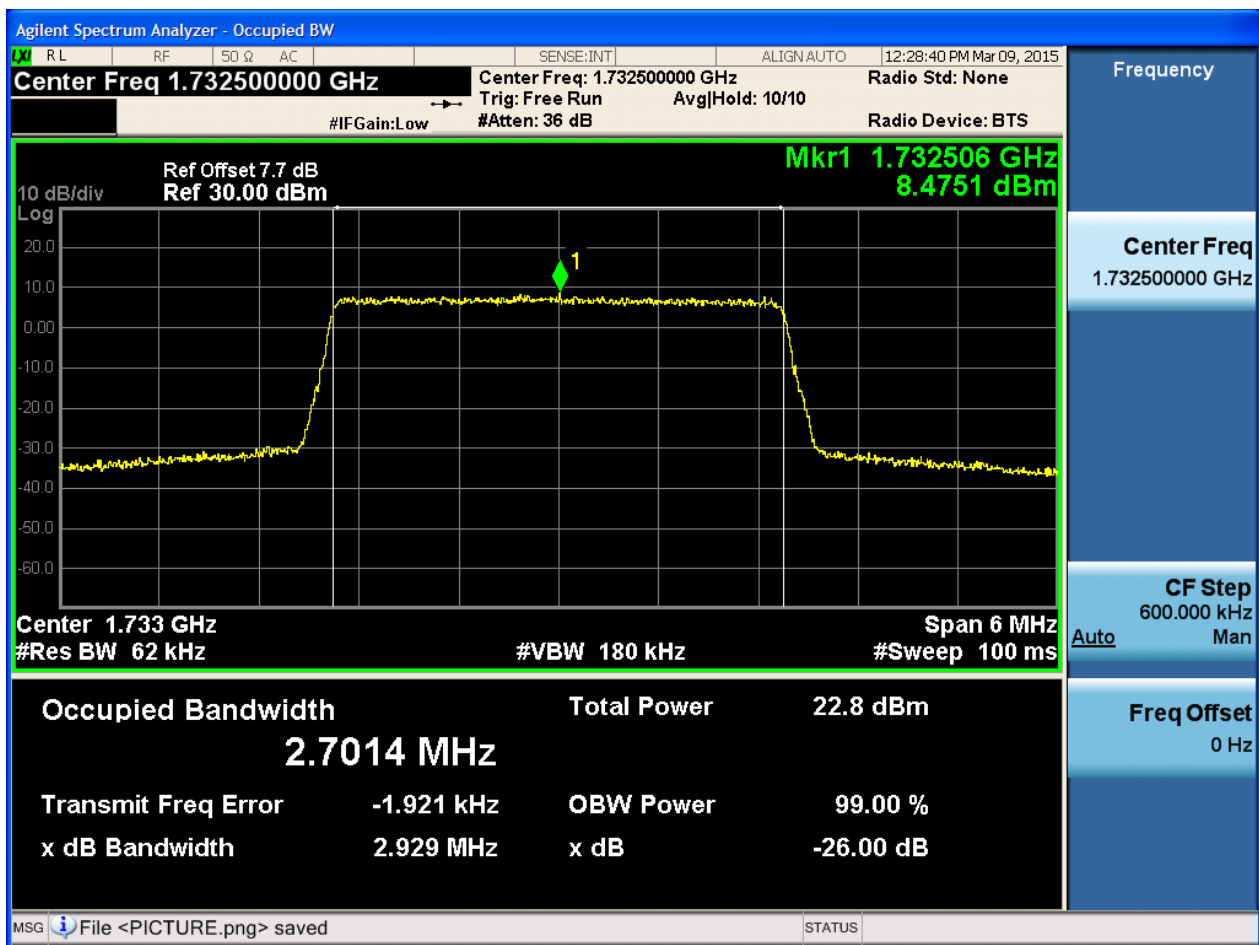
##### 4.1.1.1.2.1 Test Channel = LCH

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



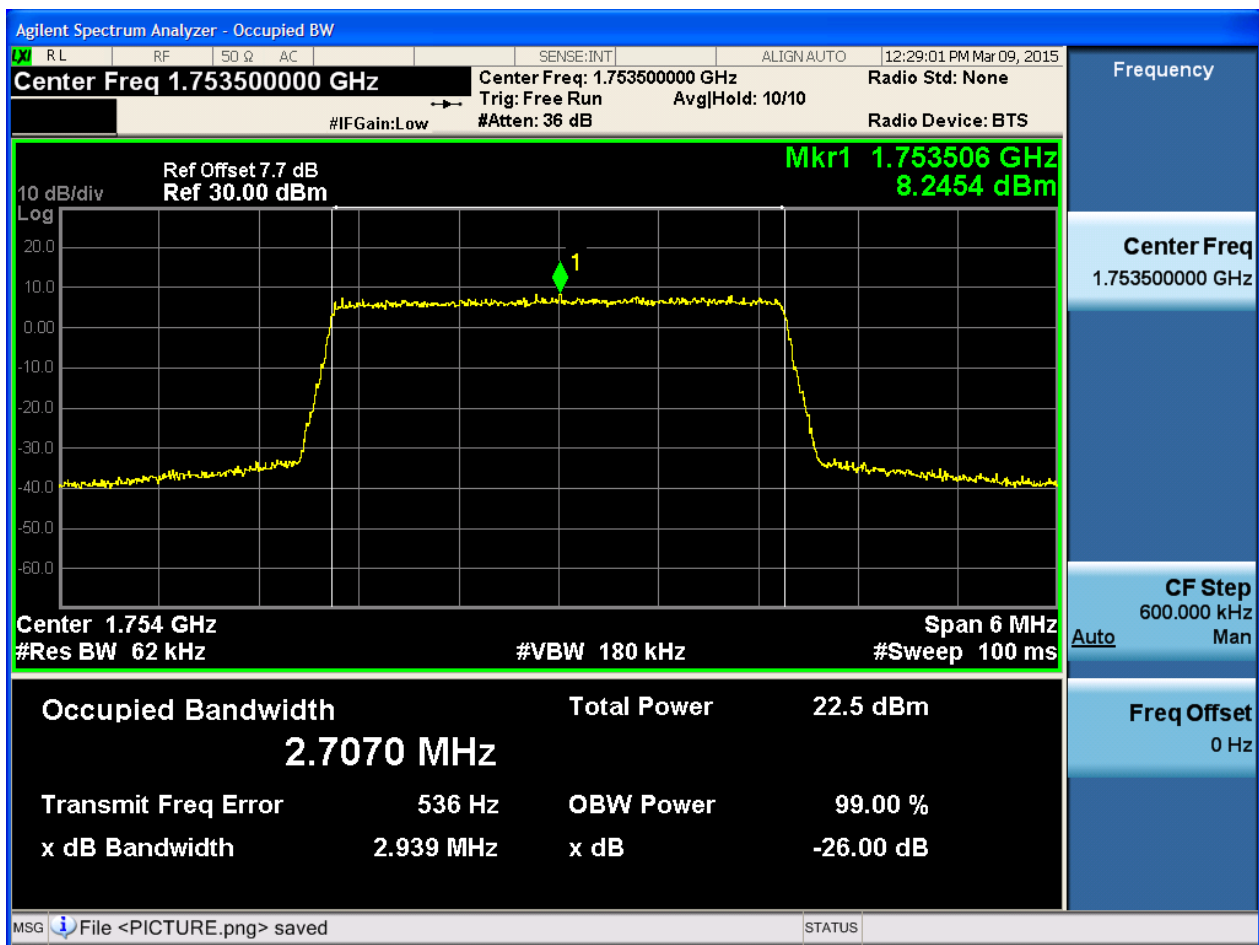
#### 4.1.1.1.2.2 Test Channel = MCH

##### 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

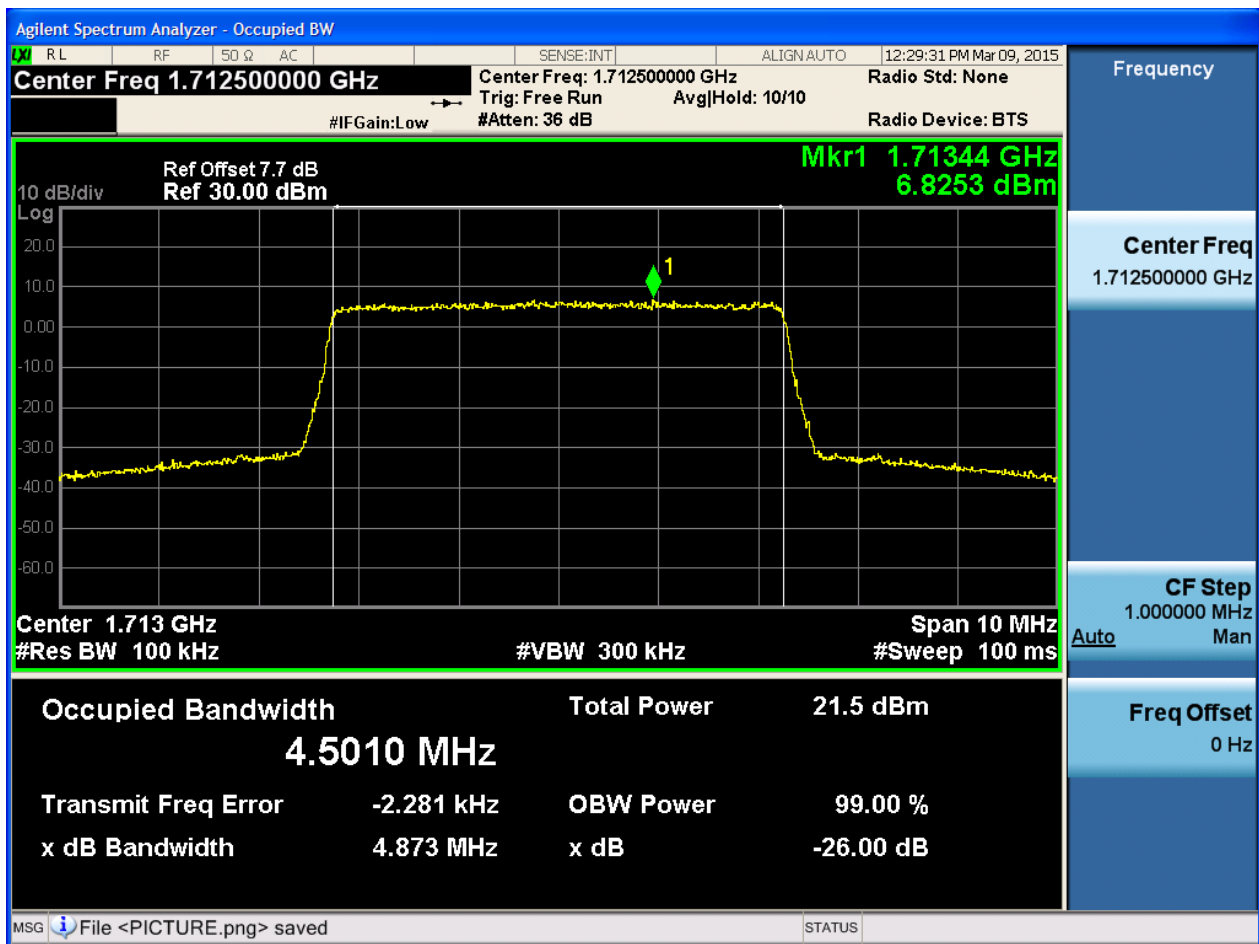




## 4.1.1.1.3 Test Bandwidth = 5

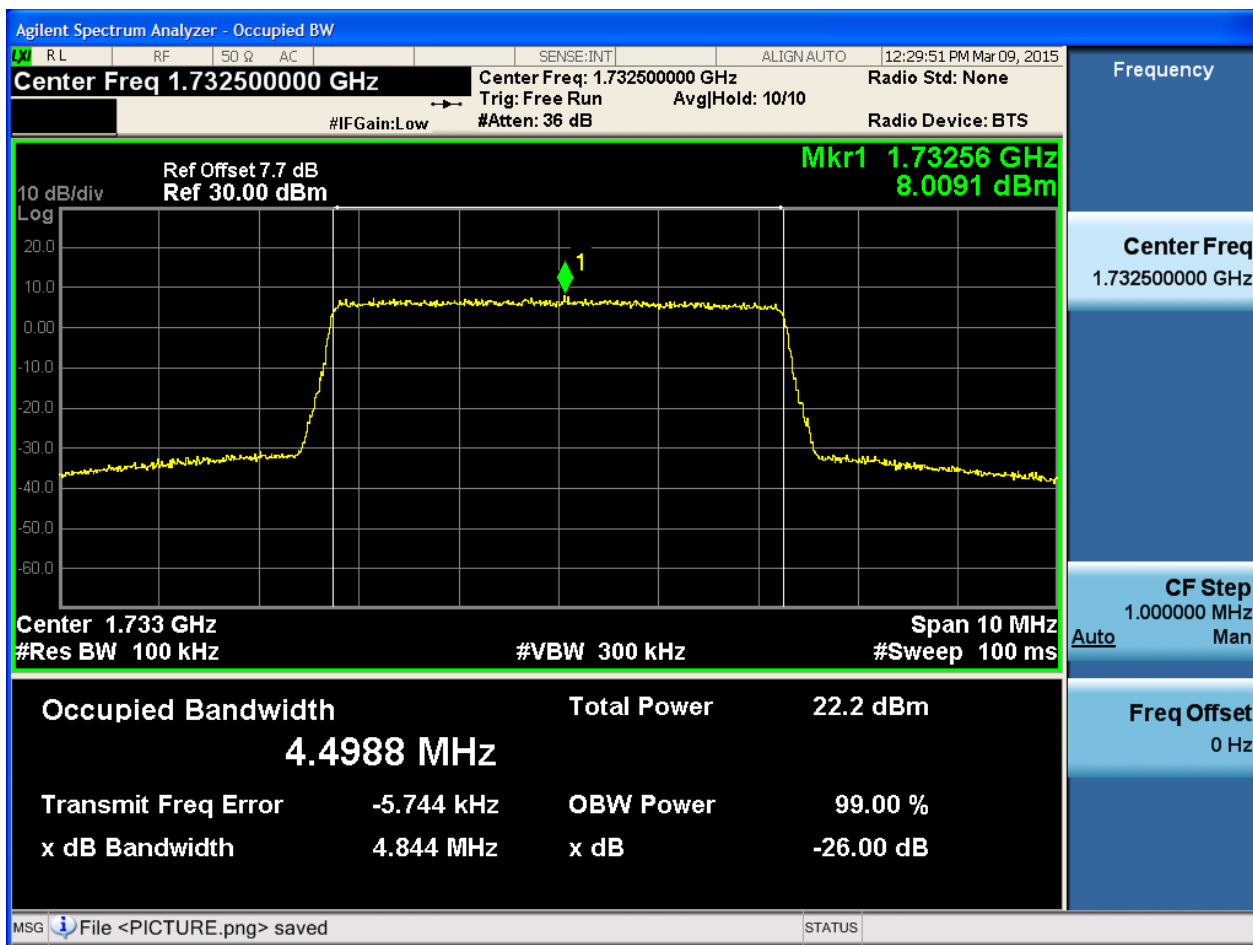
## 4.1.1.1.3.1 Test Channel = LCH

## 4.1.1.1.3.1.1 Test RB = RB25#0



#### 4.1.1.1.3.2 Test Channel = MCH

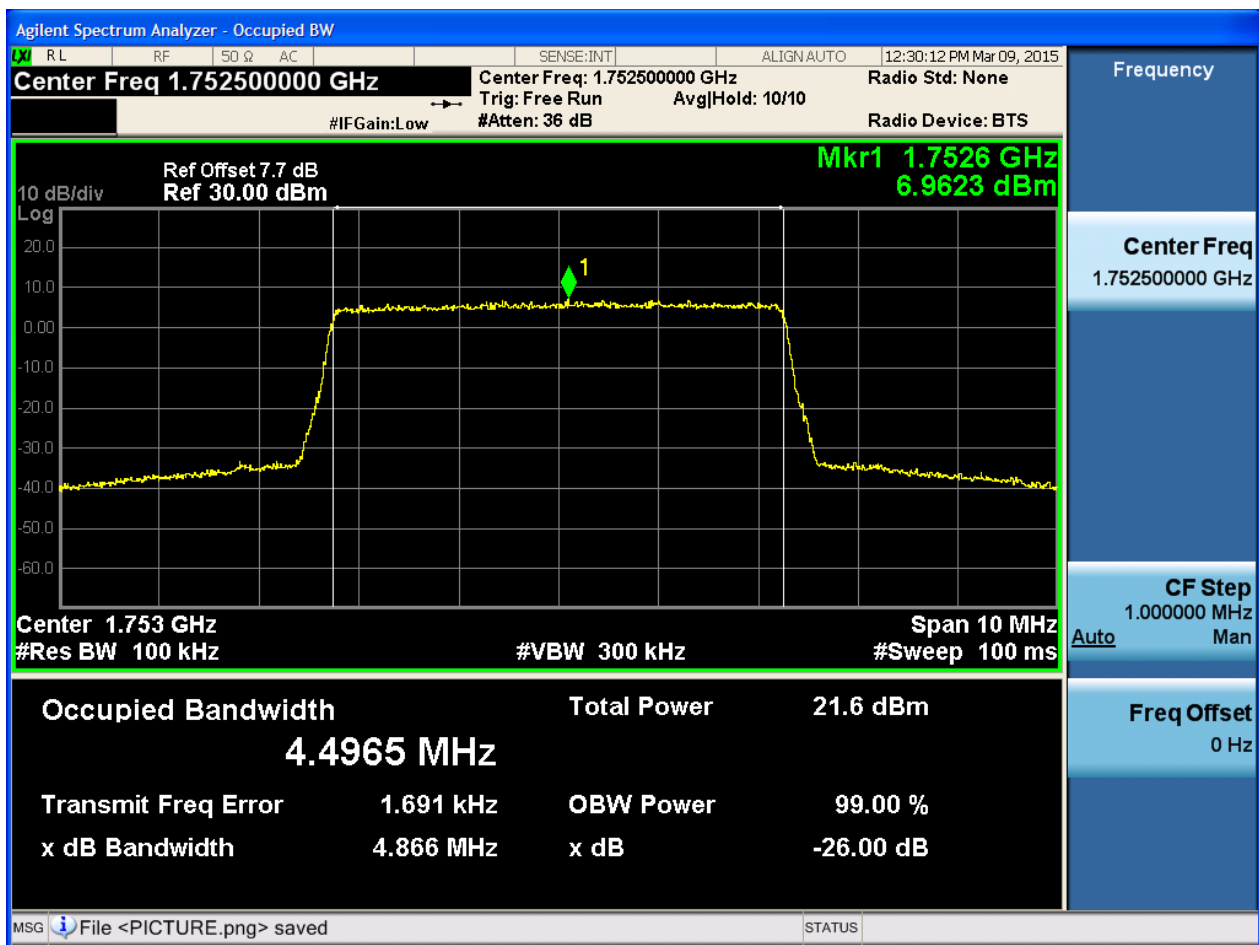
##### 4.1.1.1.3.2.1 Test RB = RB25#0





## 4.1.1.1.3.3 Test Channel = HCH

## 4.1.1.1.3.3.1 Test RB = RB25#0

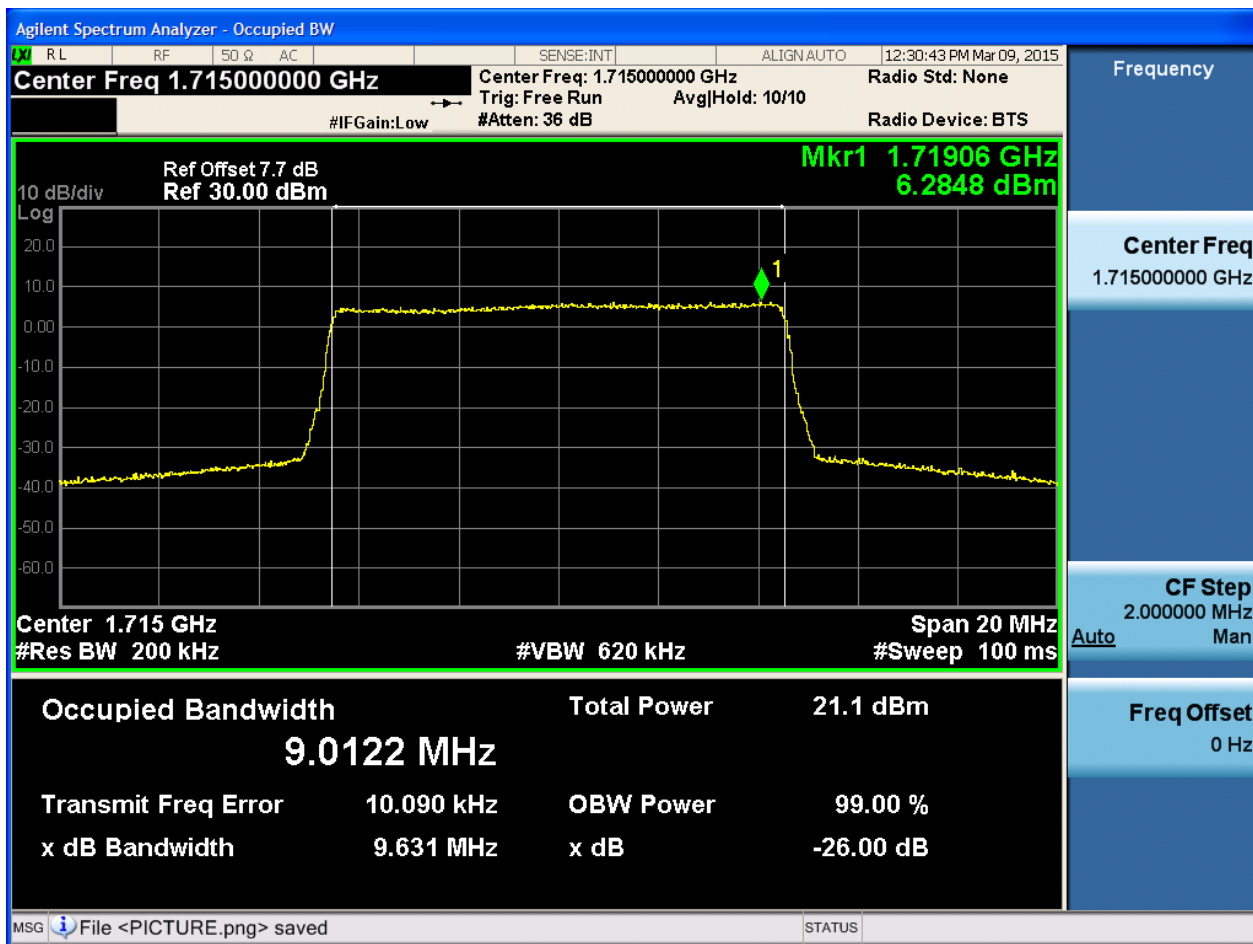




## 4.1.1.1.4 Test Bandwidth = 10

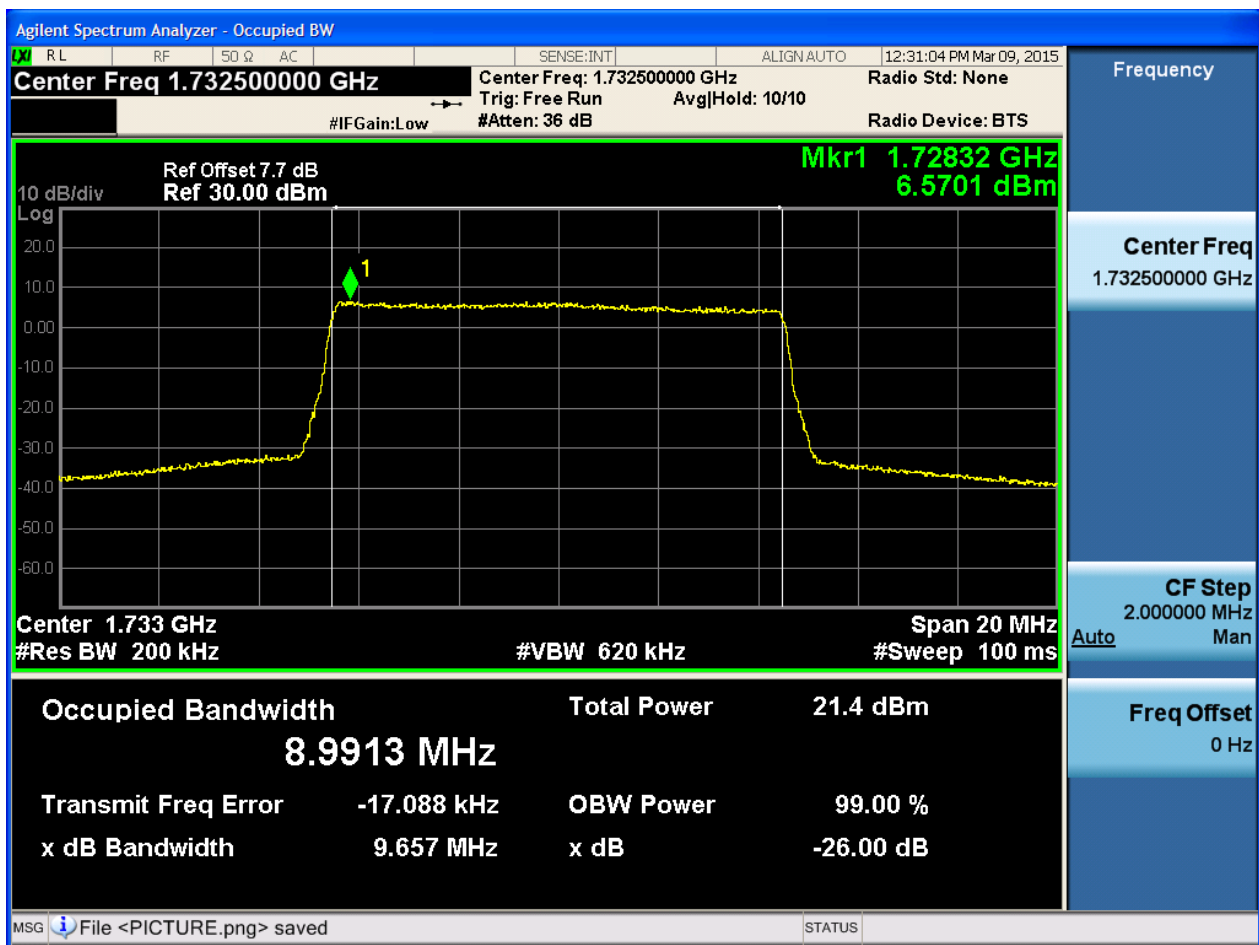
## 4.1.1.1.4.1 Test Channel = LCH

## 4.1.1.1.4.1.1 Test RB = RB50#0



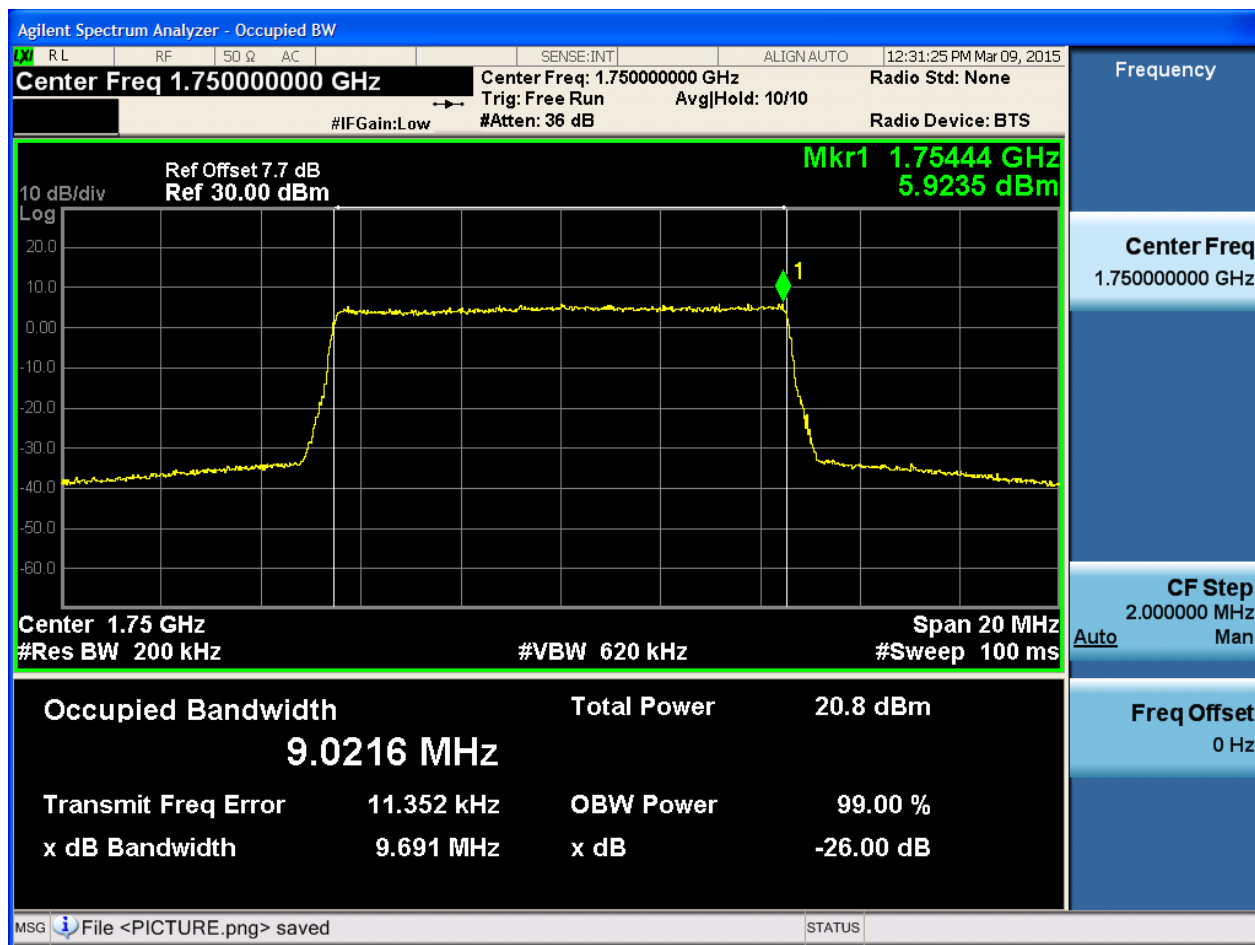
#### 4.1.1.1.4.2 Test Channel = MCH

##### 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

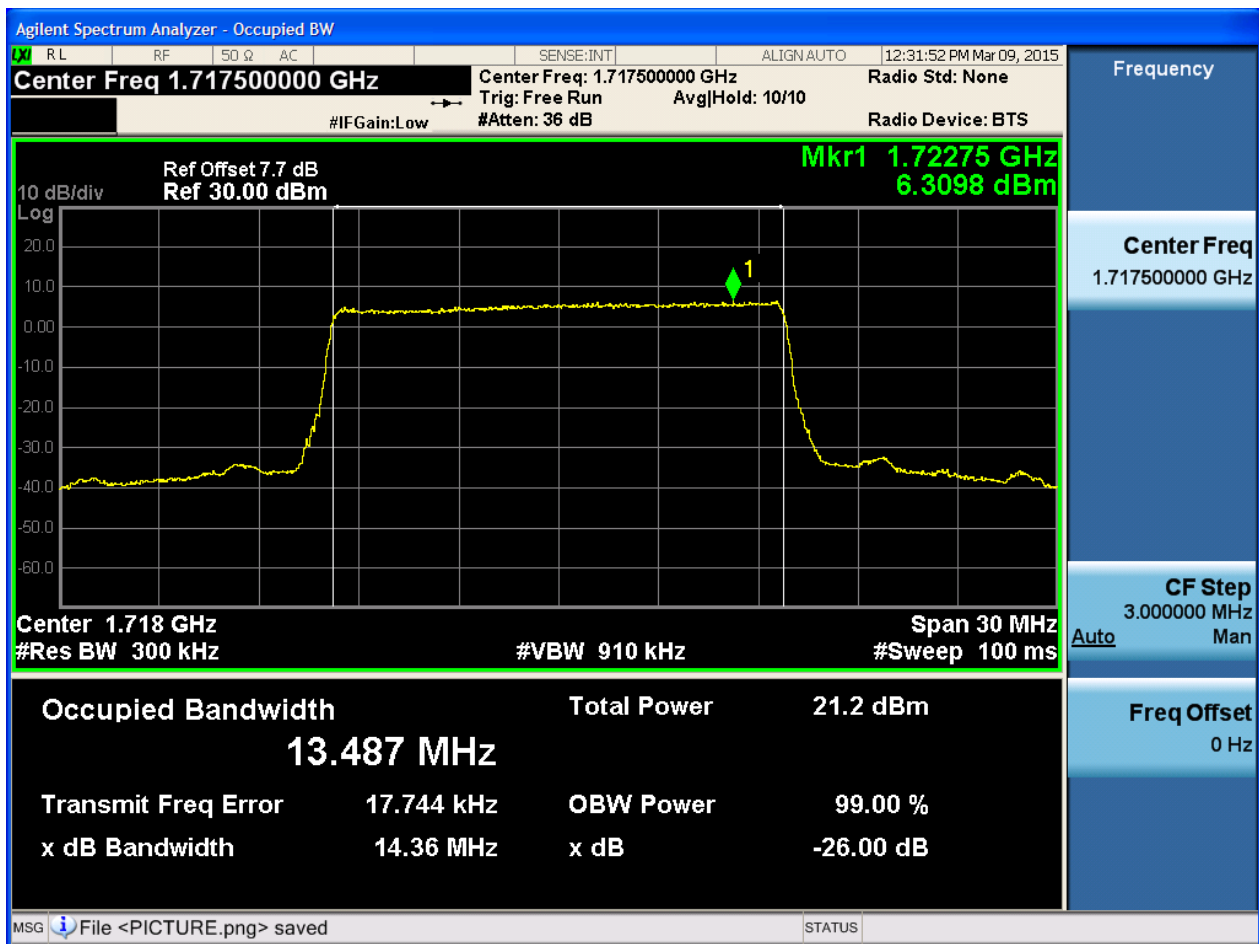




## 4.1.1.1.5 Test Bandwidth = 15

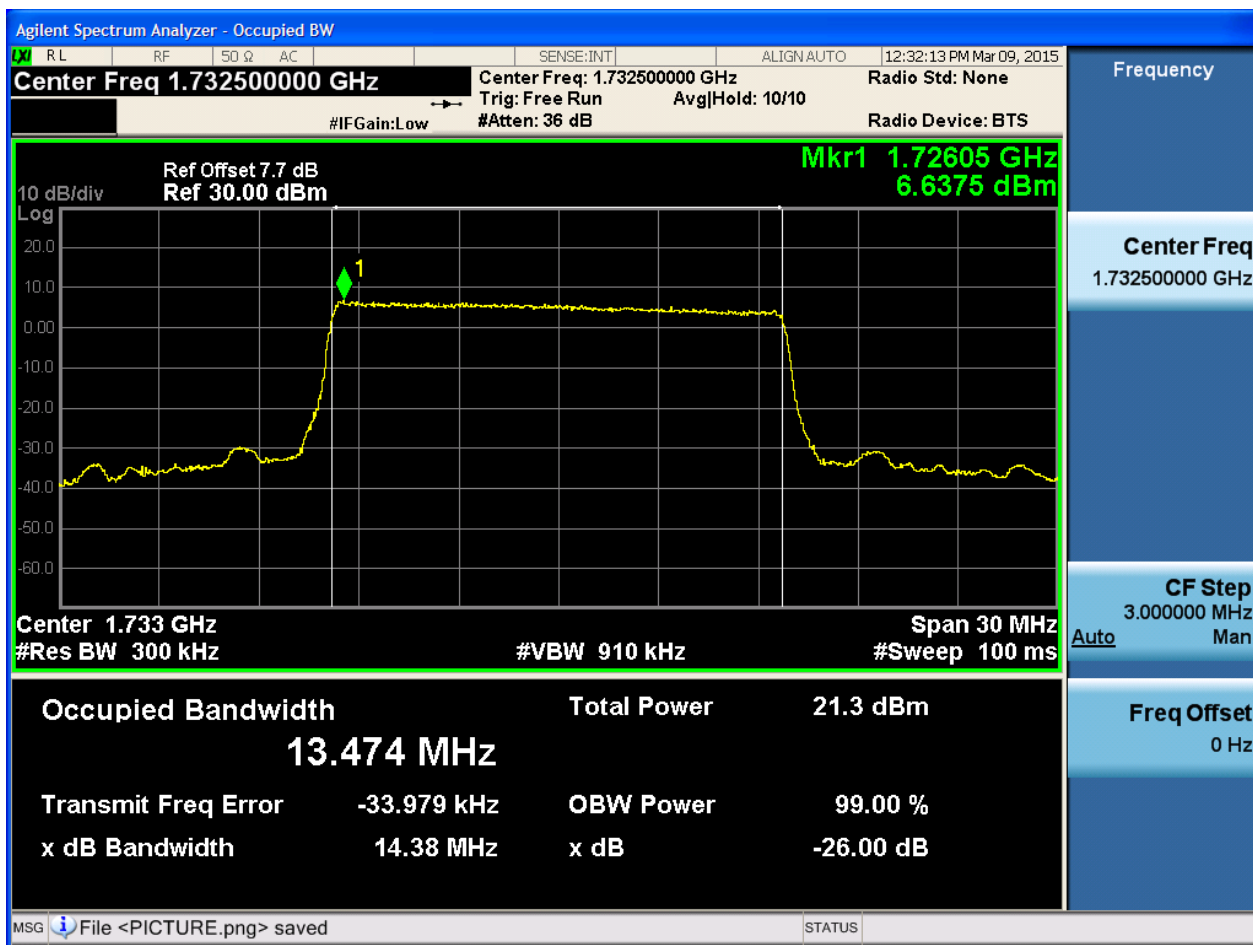
## 4.1.1.1.5.1 Test Channel = LCH

## 4.1.1.1.5.1.1 Test RB = RB75#0



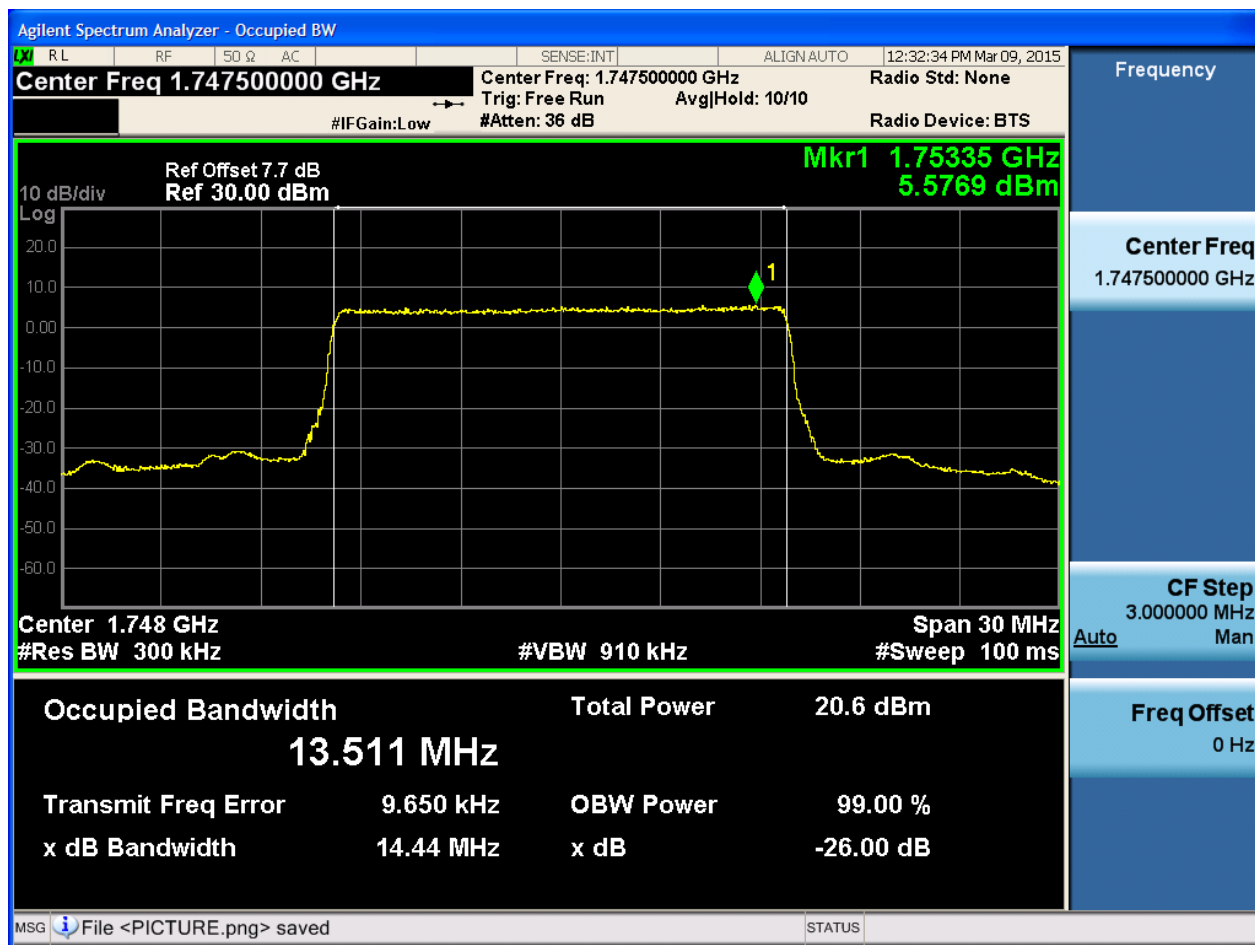
#### 4.1.1.1.5.2 Test Channel = MCH

##### 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

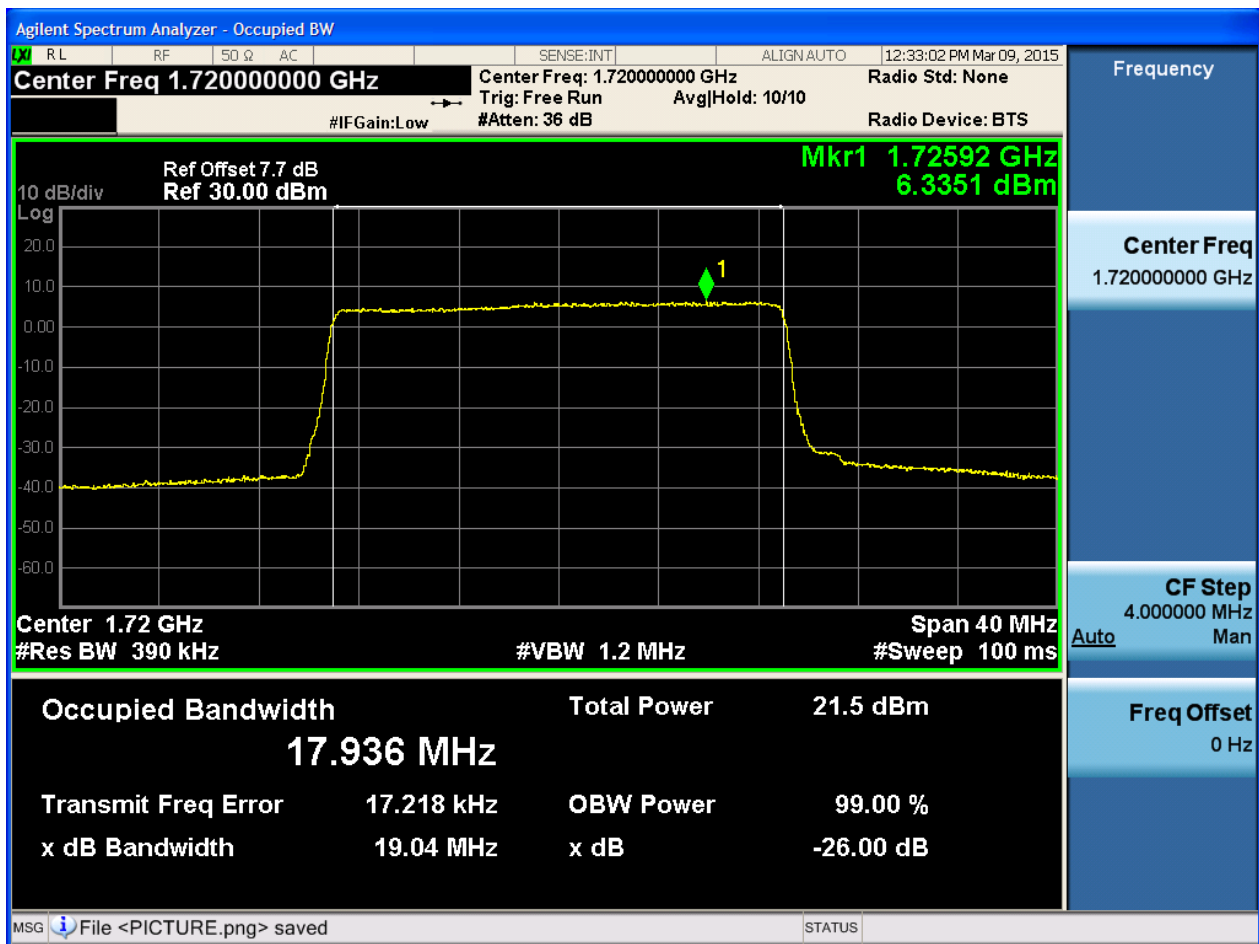




## 4.1.1.1.6 Test Bandwidth = 20

## 4.1.1.1.6.1 Test Channel = LCH

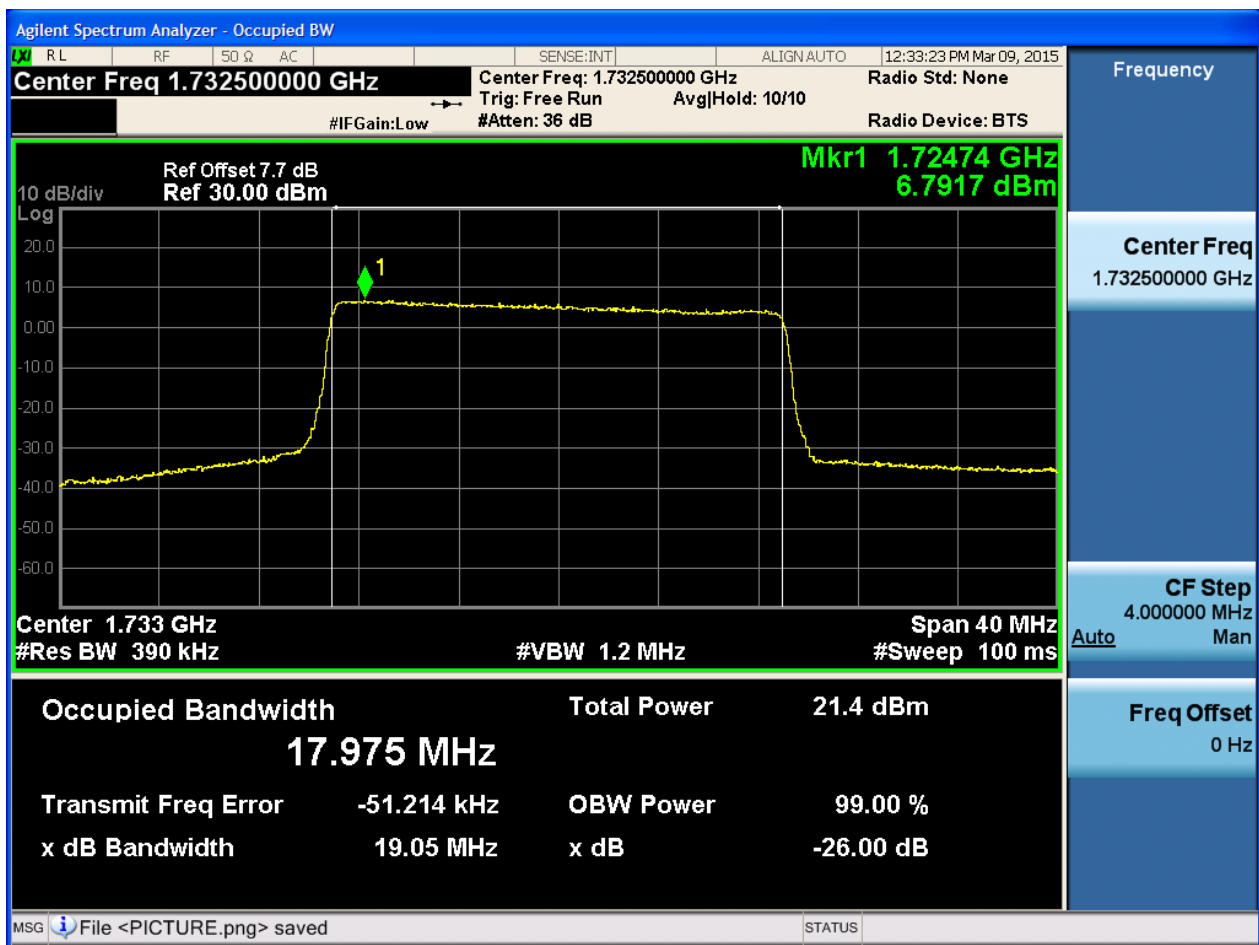
## 4.1.1.1.6.1.1 Test RB = RB100#0





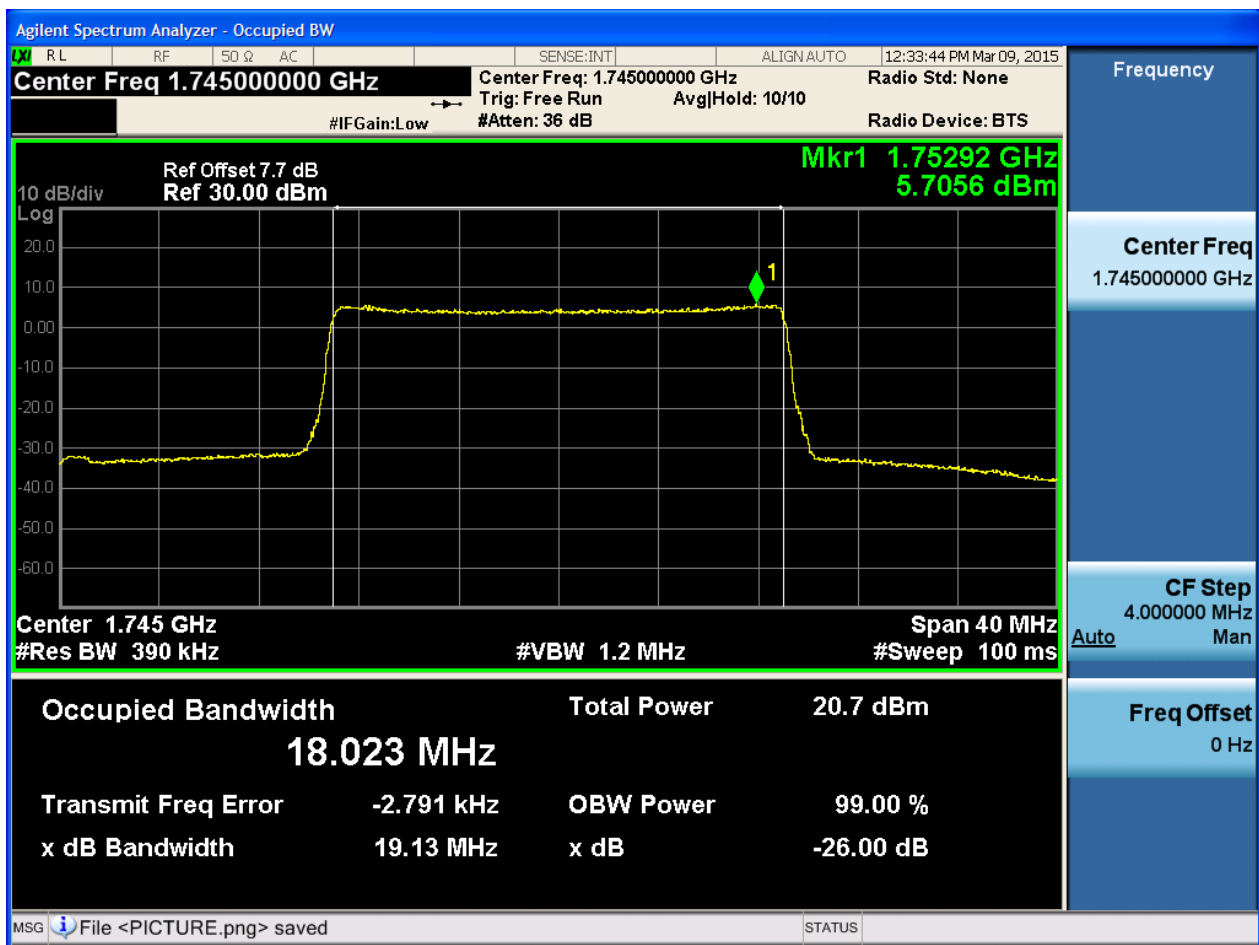
## 4.1.1.1.6.2 Test Channel = MCH

## 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



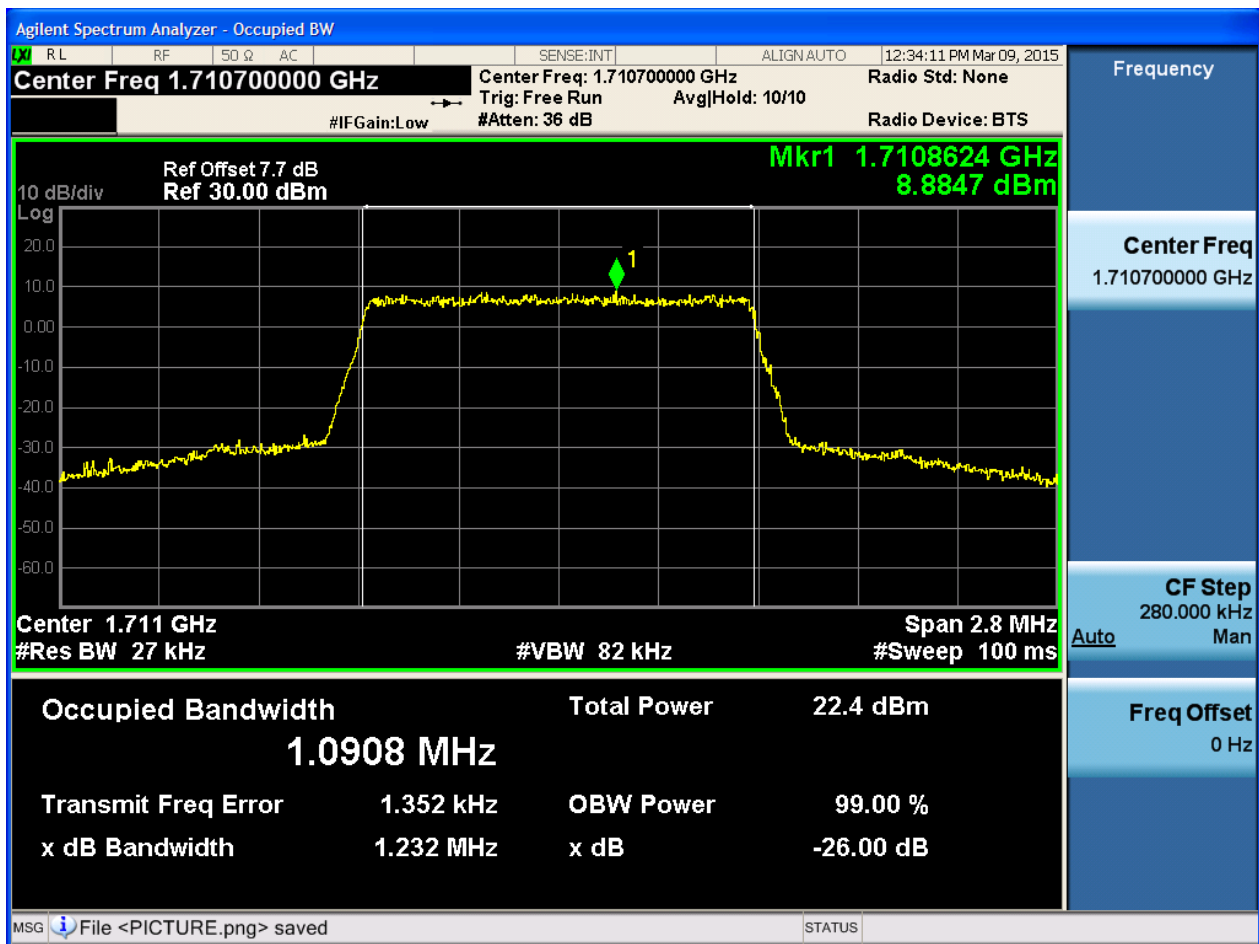


## 4.1.1.2 Test Mode = LTE/TM2

## 4.1.1.2.1 Test Bandwidth = 1.4

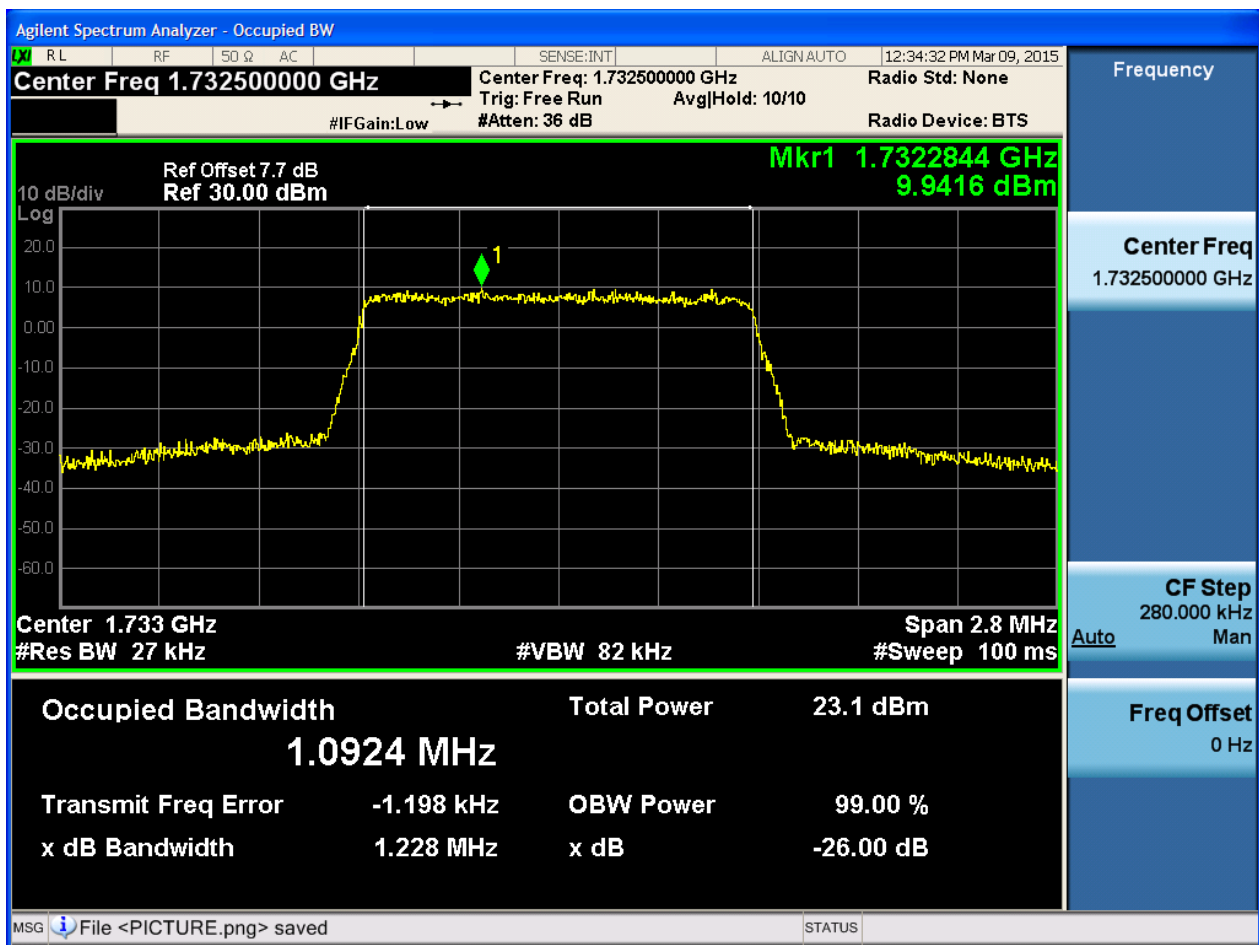
## 4.1.1.2.1.1 Test Channel = LCH

## 4.1.1.2.1.1.1 Test RB = RB6#0



#### 4.1.1.2.1.2 Test Channel = MCH

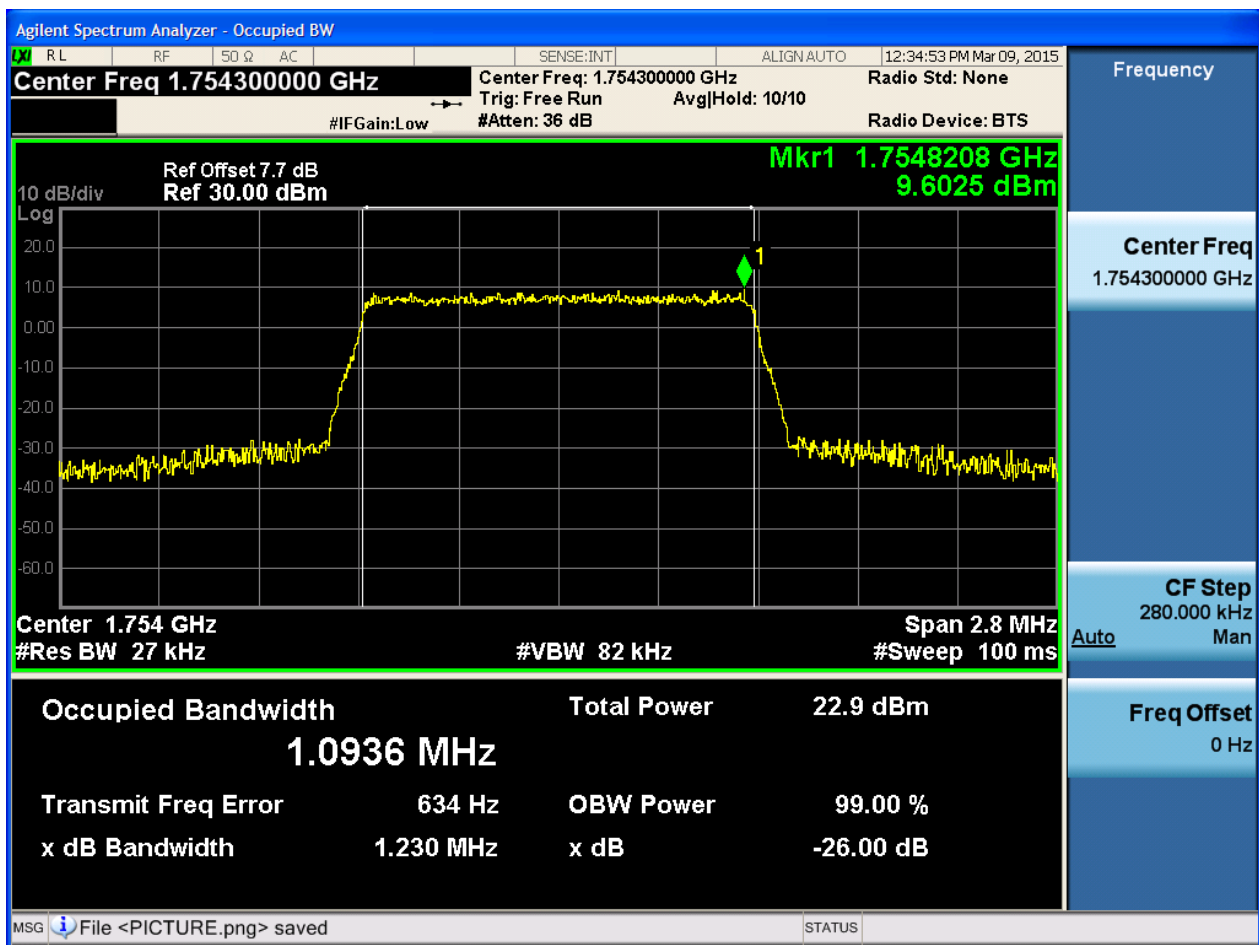
##### 4.1.1.2.1.2.1 Test RB = RB6#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB6#0

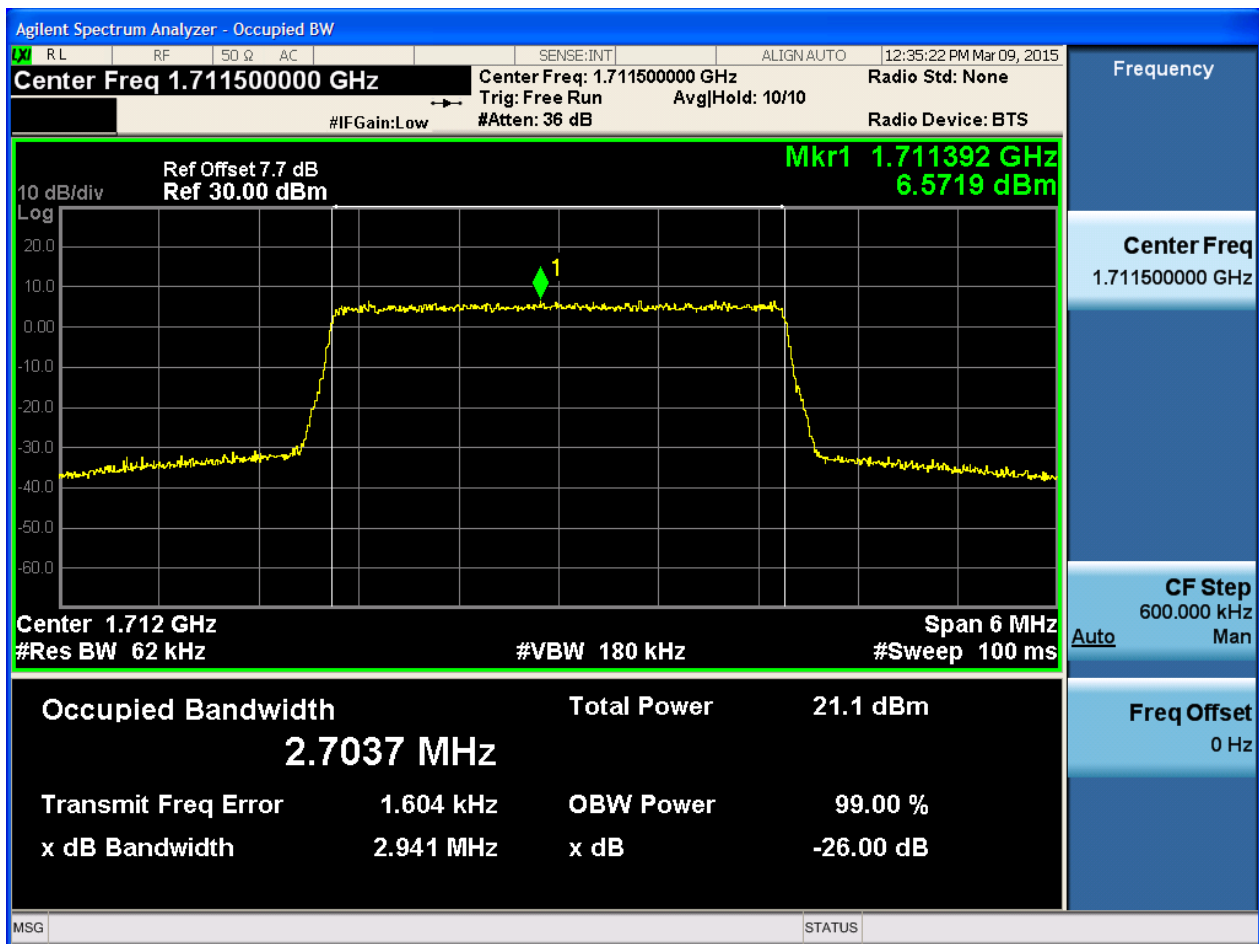




## 4.1.1.2.2 Test Bandwidth = 3

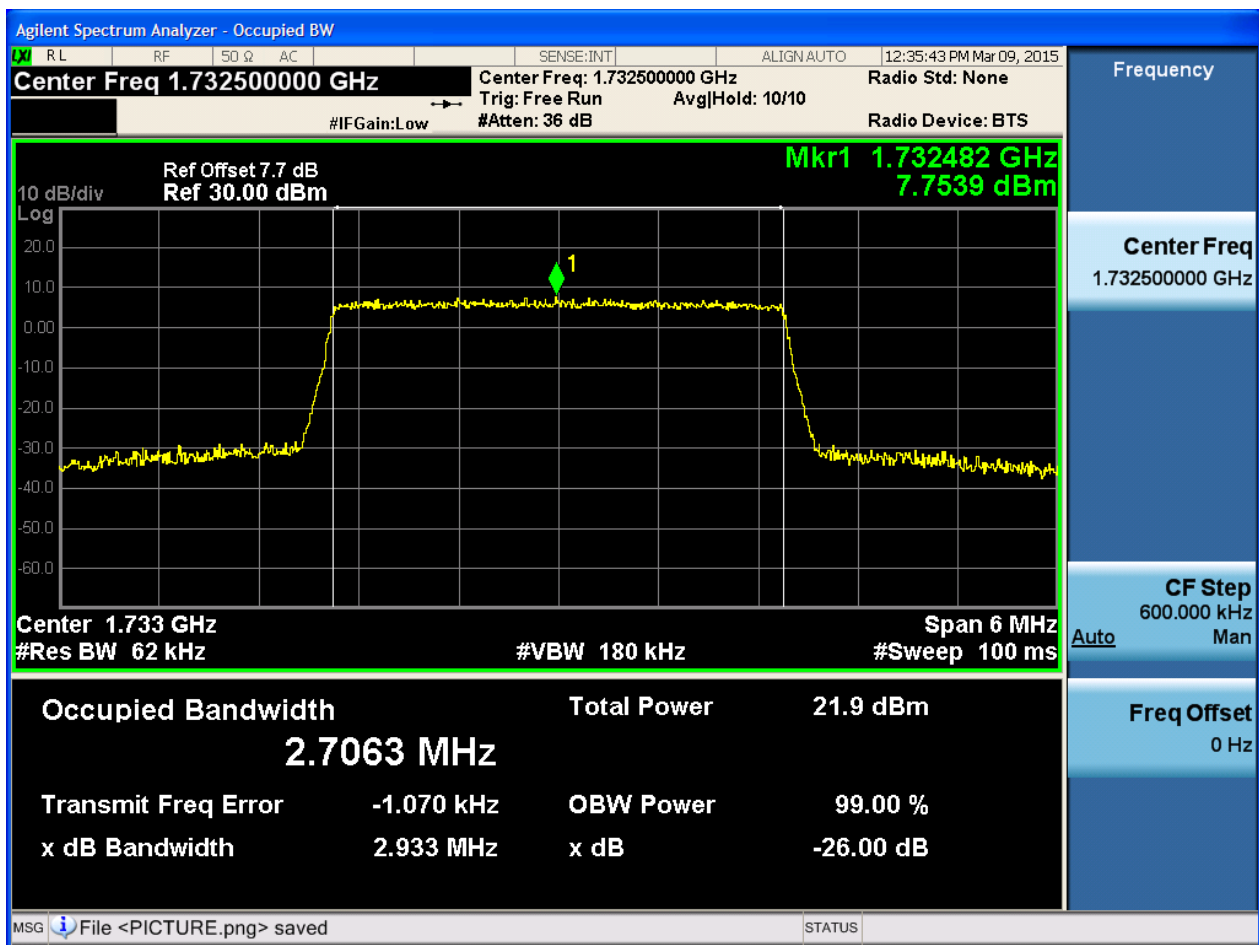
## 4.1.1.2.2.1 Test Channel = LCH

## 4.1.1.2.2.1.1 Test RB = RB15#0



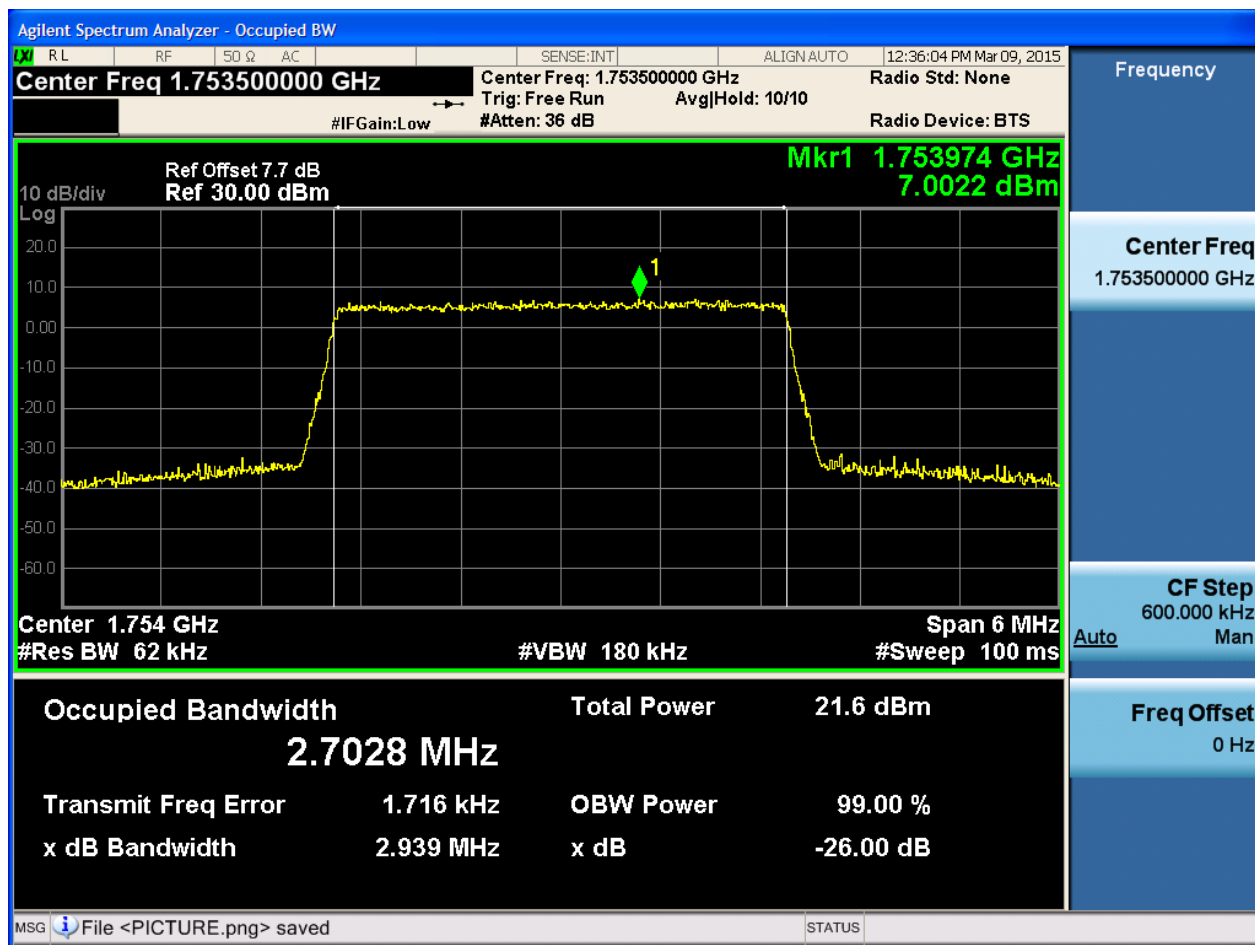
#### 4.1.1.2.2.2 Test Channel = MCH

##### 4.1.1.2.2.1 Test RB = RB15#0



#### 4.1.1.2.2.3 Test Channel = HCH

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

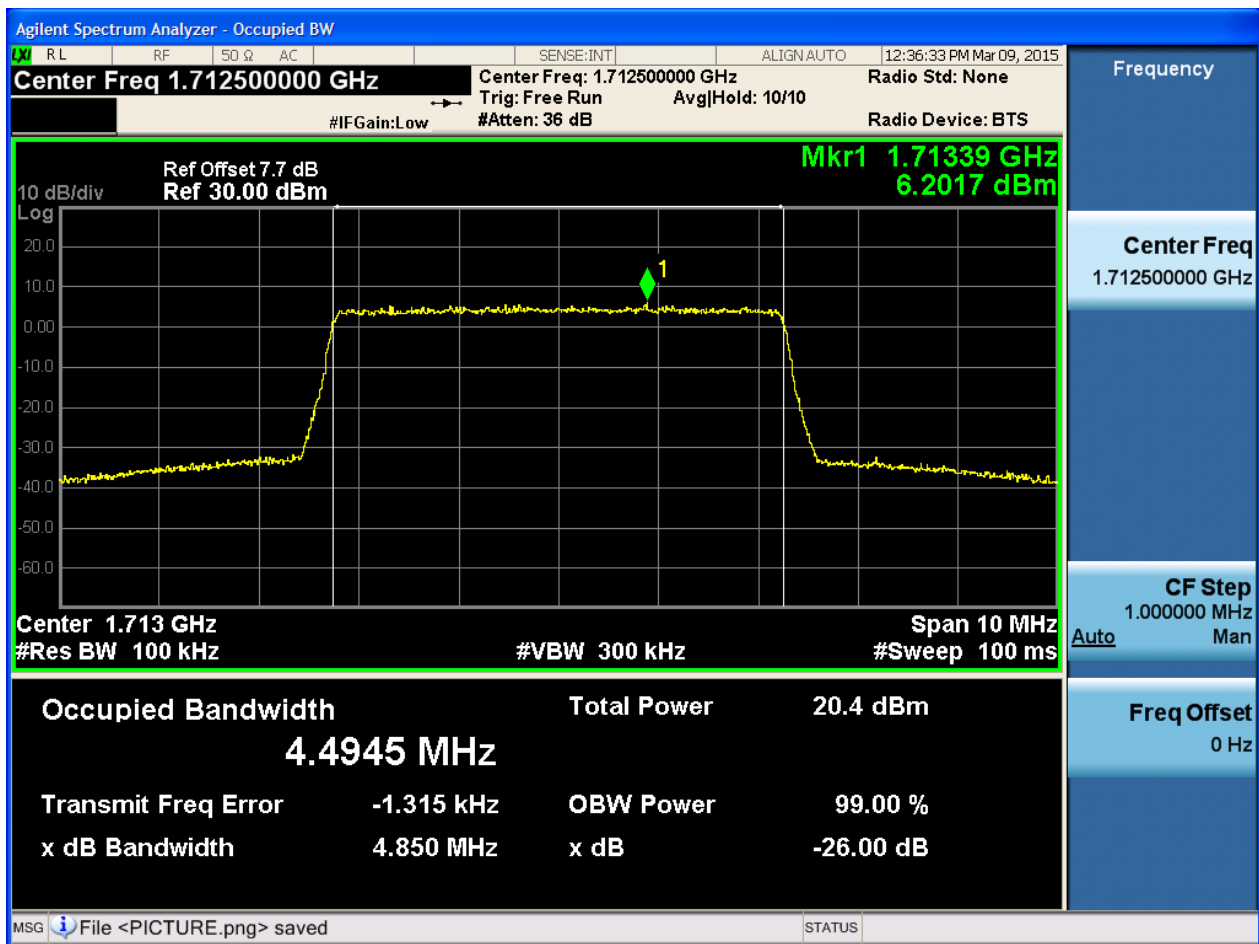




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

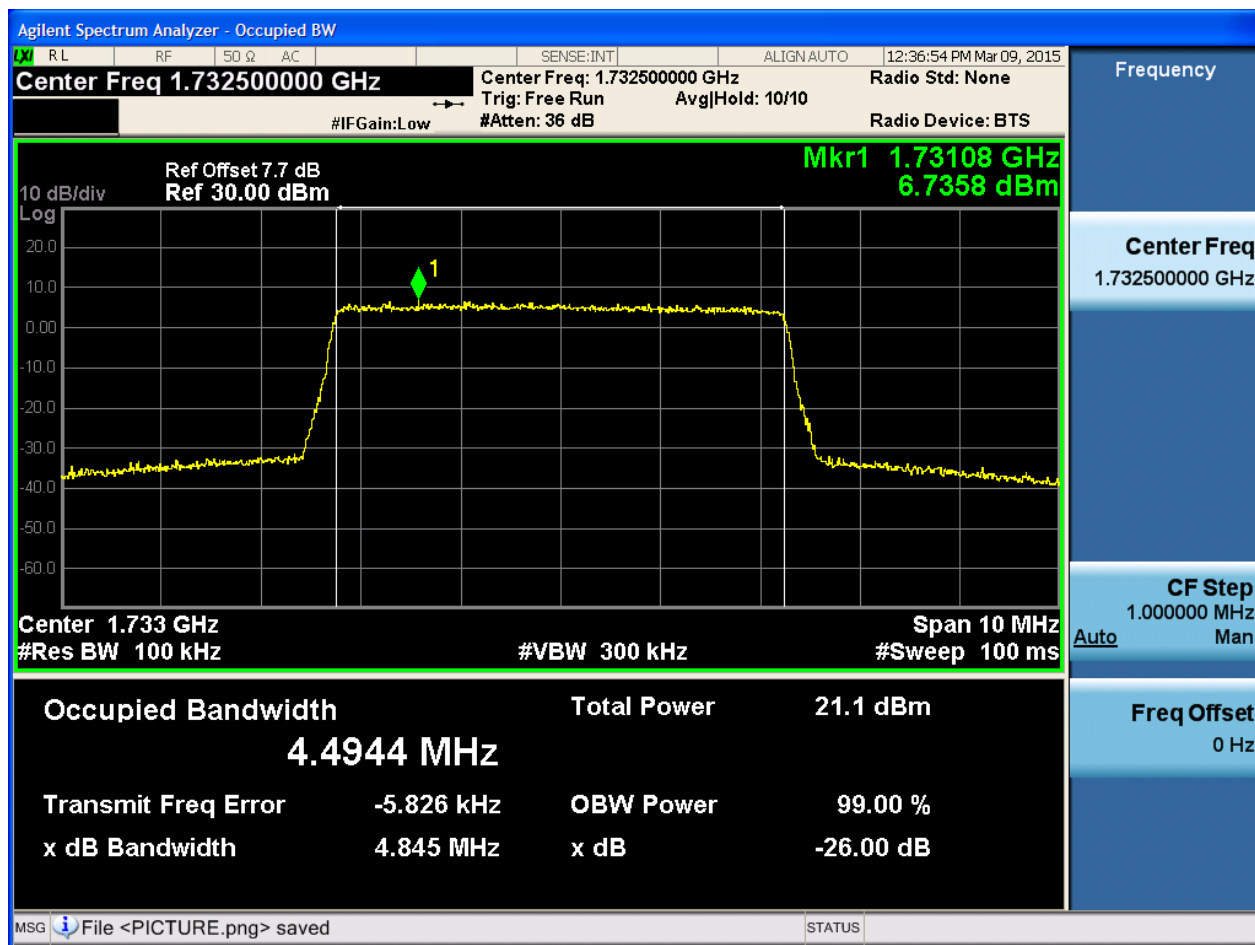
## 4.1.1.2.3.1.1 Test RB = RB25#0





## 4.1.1.2.3.2 Test Channel = MCH

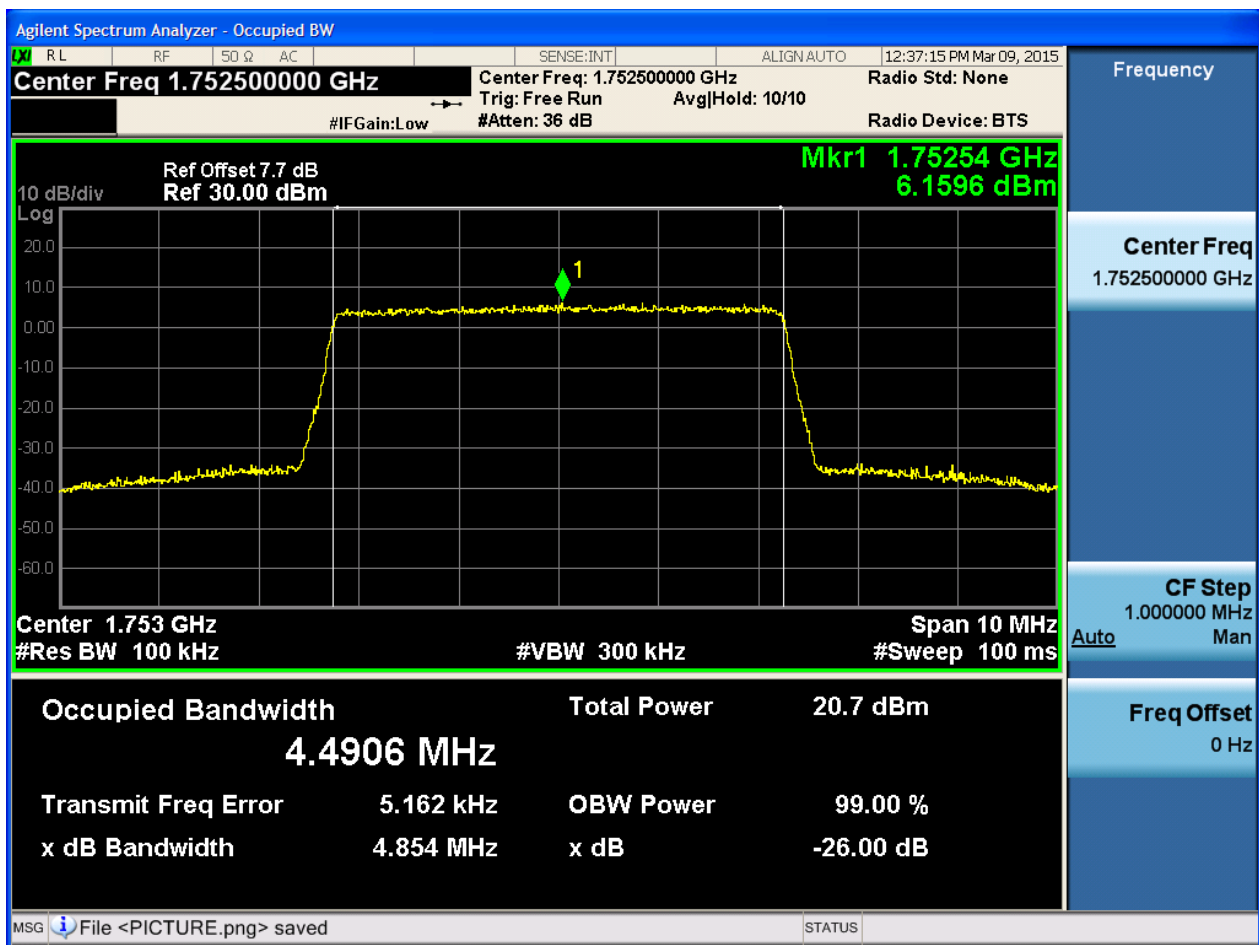
## 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

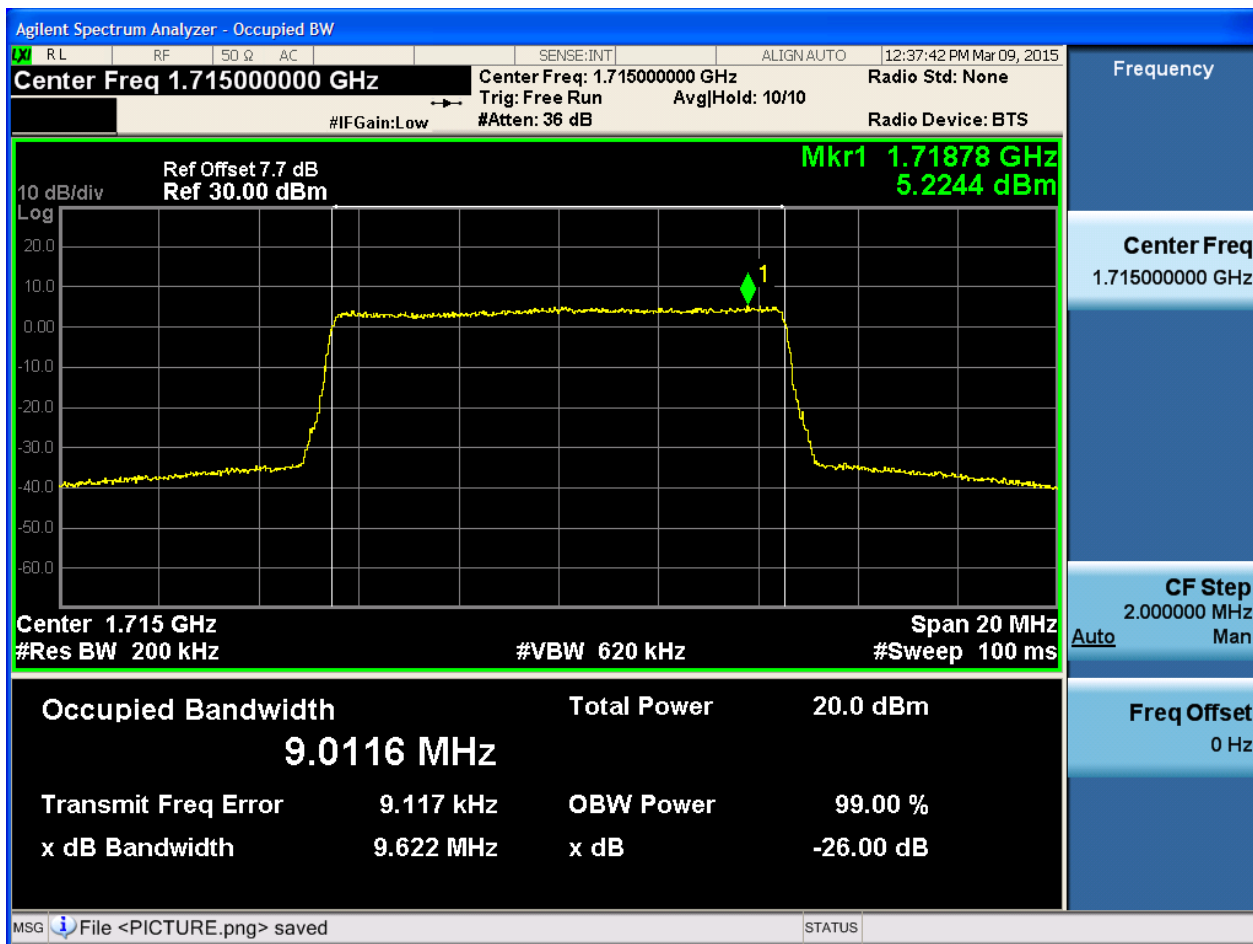
## 4.1.1.2.3.3.1 Test RB = RB25#0



#### 4.1.1.2.4 Test Bandwidth = 10

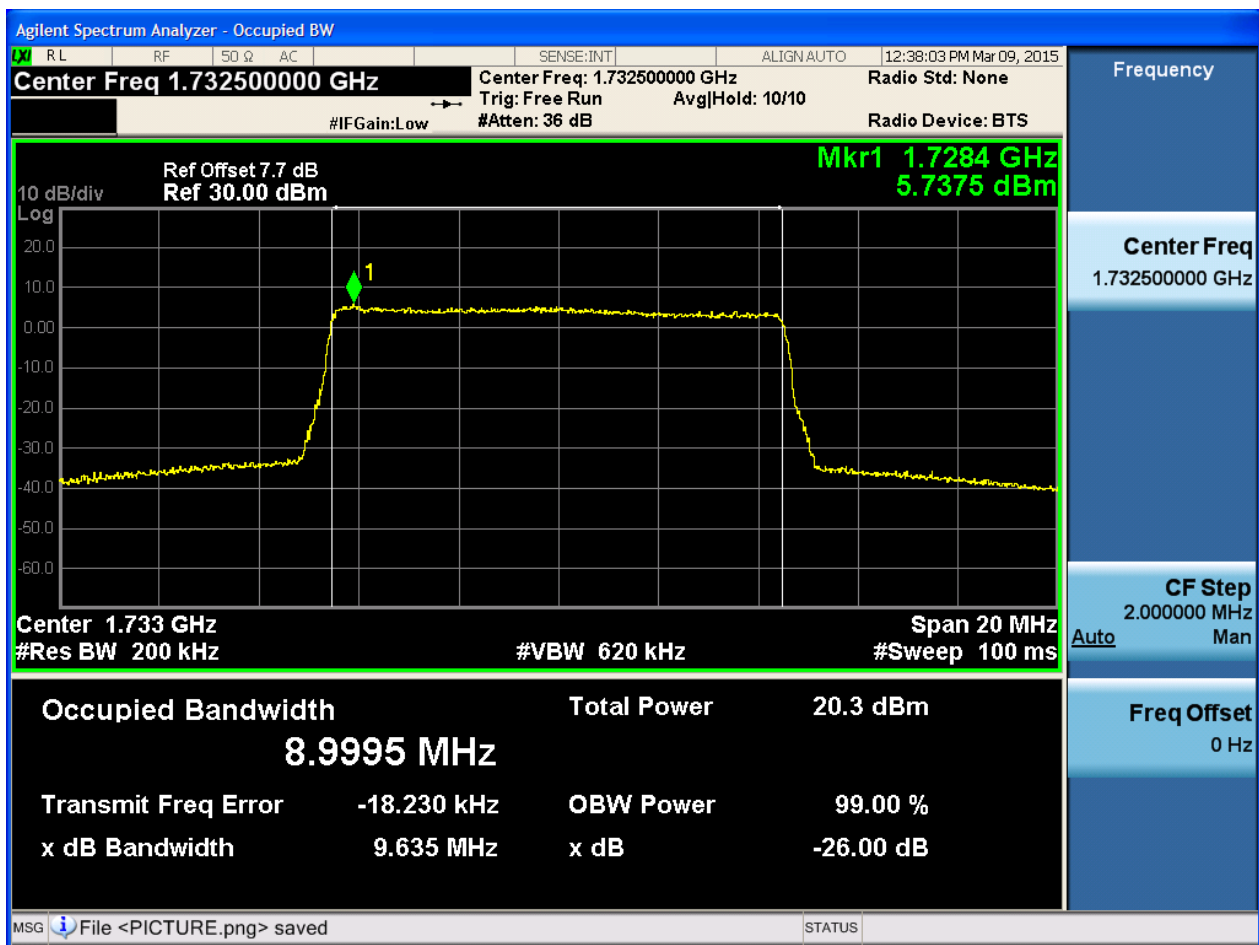
##### 4.1.1.2.4.1 Test Channel = LCH

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



#### 4.1.1.2.4.2 Test Channel = MCH

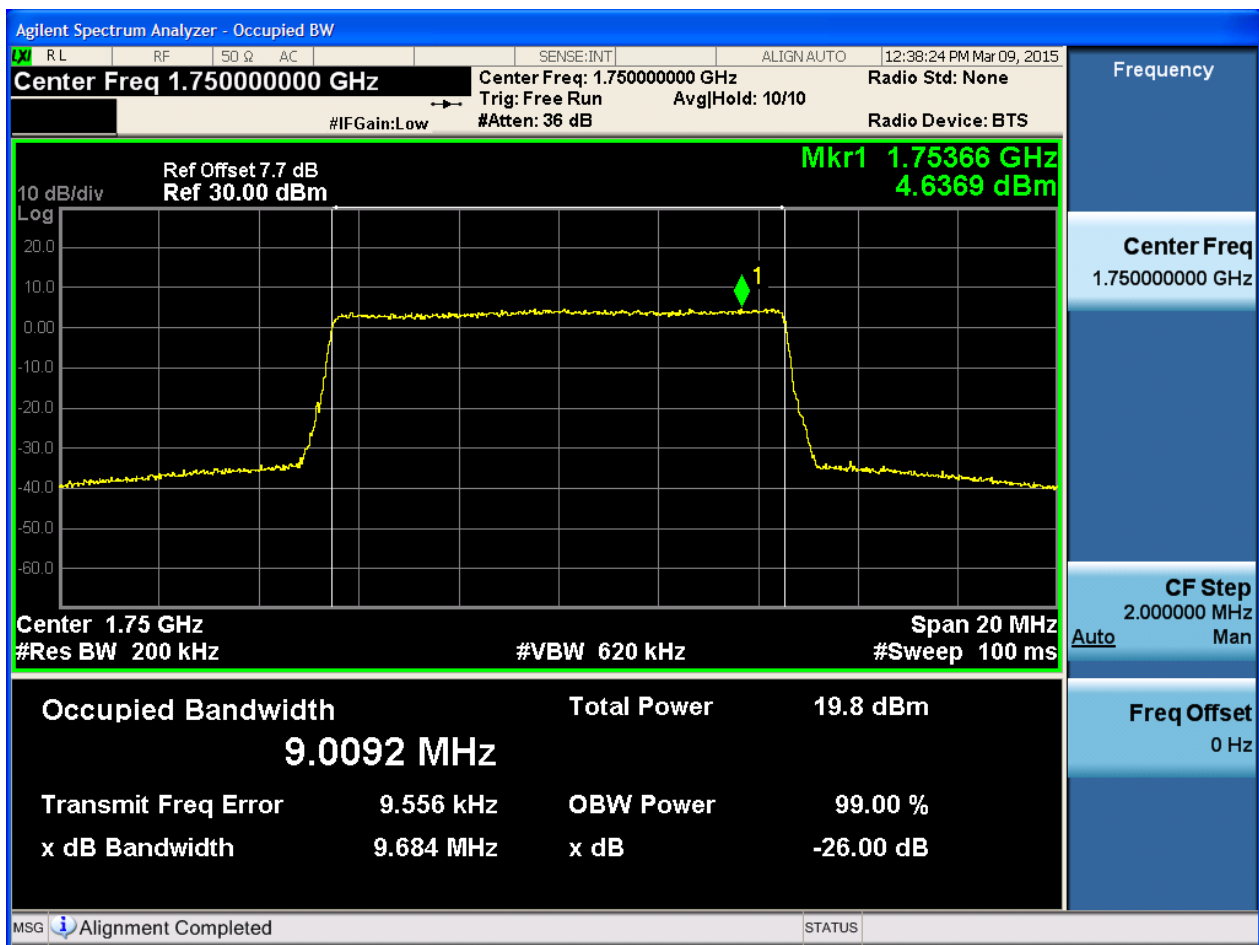
##### 4.1.1.2.4.2.1 Test RB = RB50#0

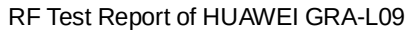




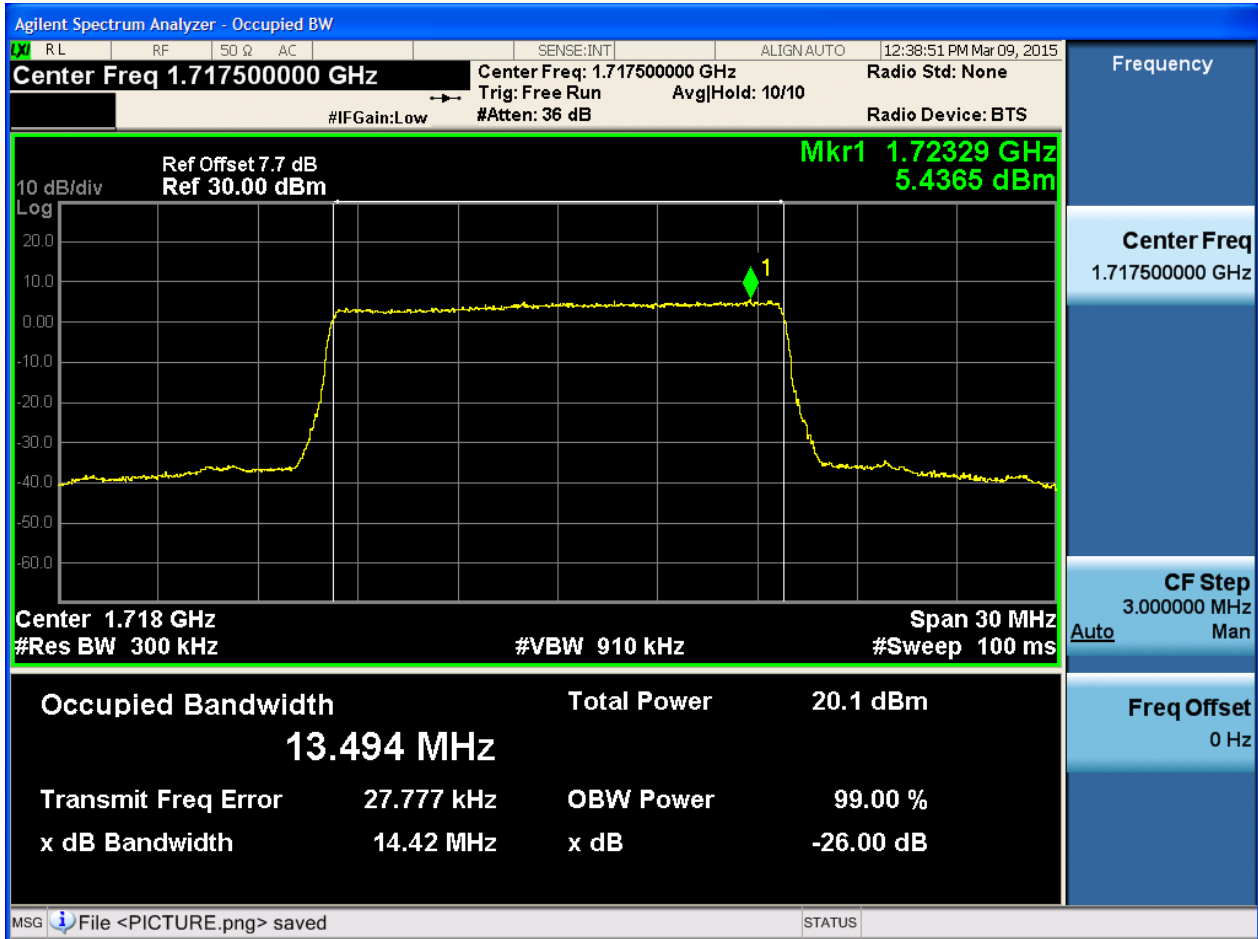
## 4.1.1.2.4.3 Test Channel = HCH

## 4.1.1.2.4.3.1 Test RB = RB50#0



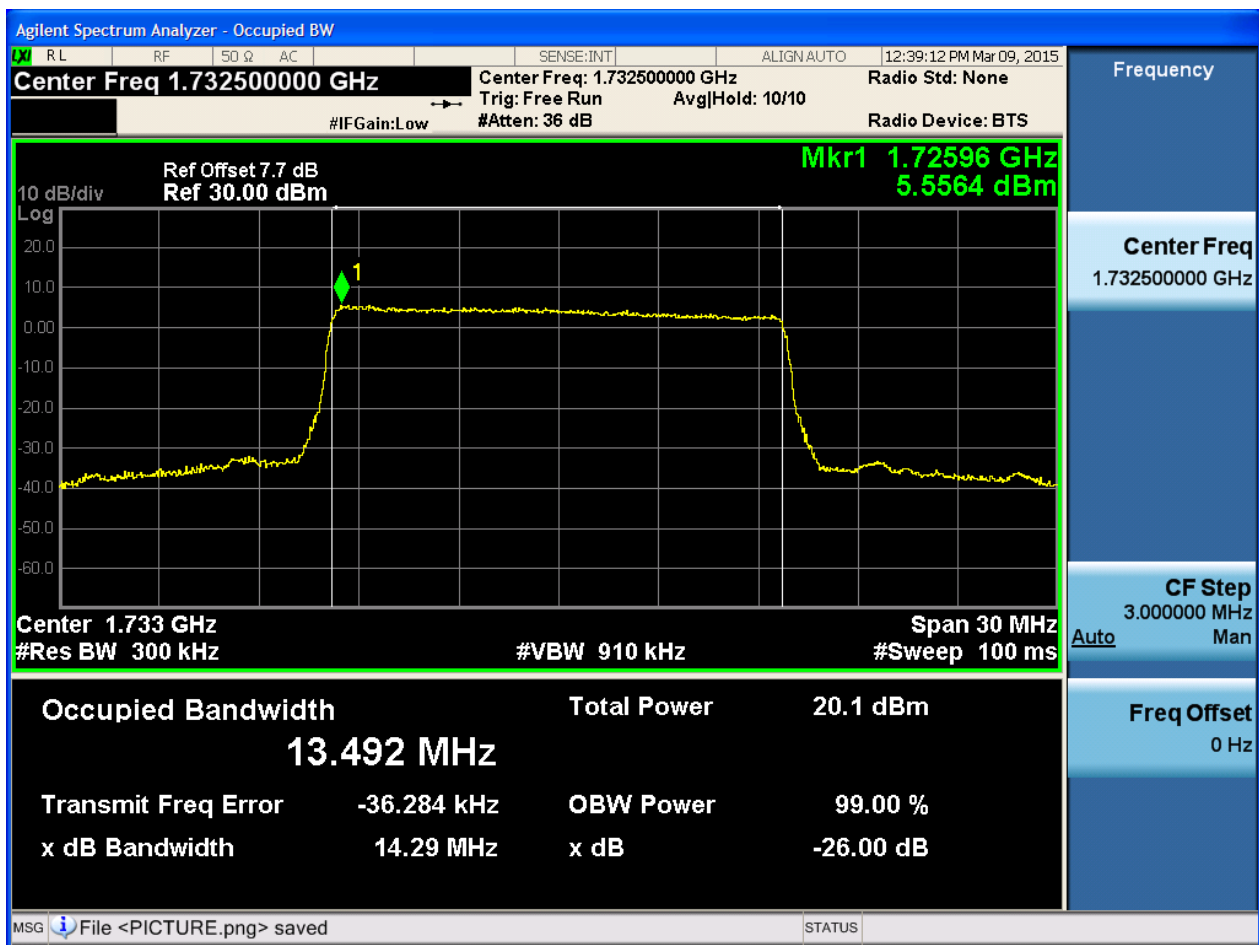


#### 4.1.1.2.5.1.1 Test RB = RB75#0



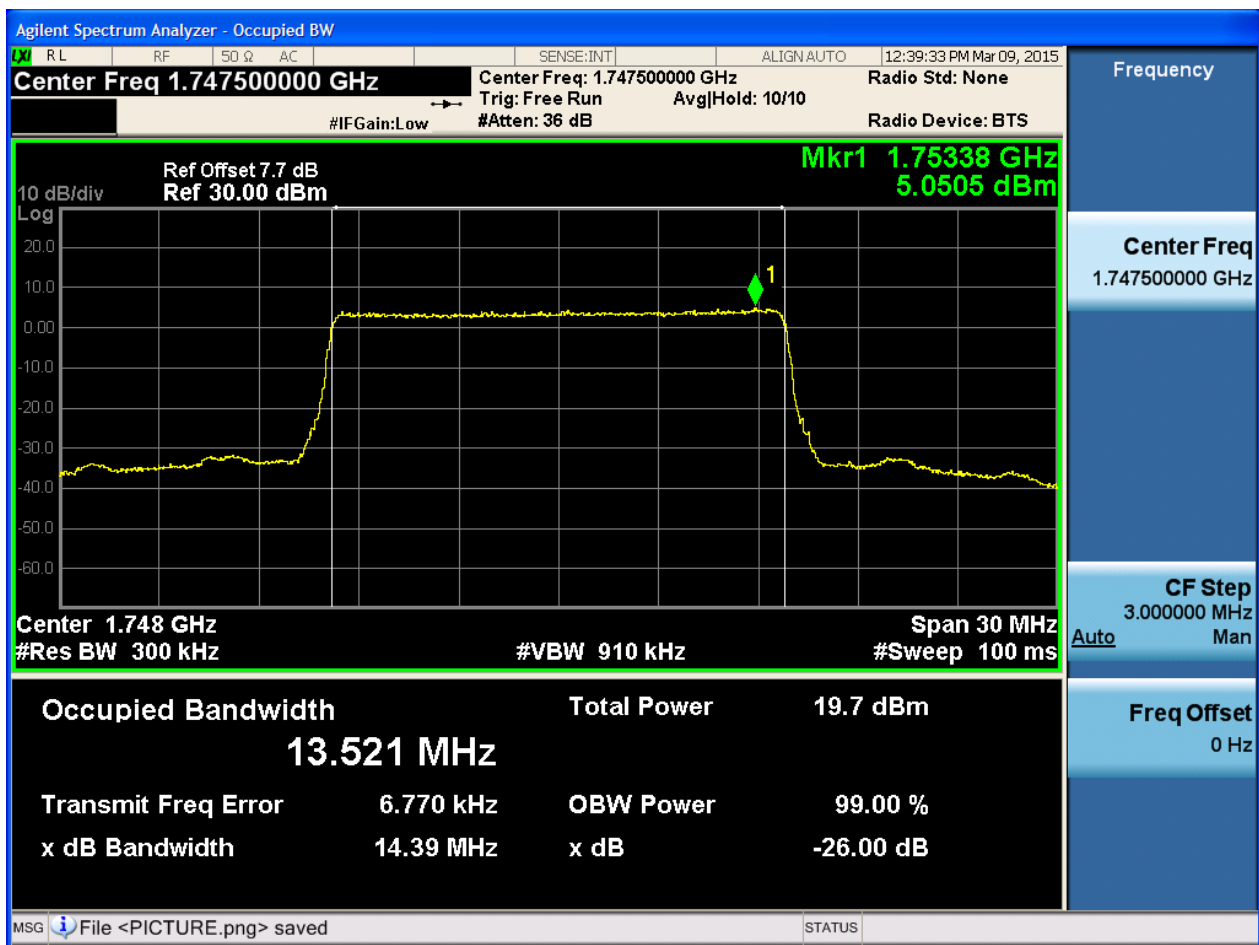
#### 4.1.1.2.5.2 Test Channel = MCH

##### 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

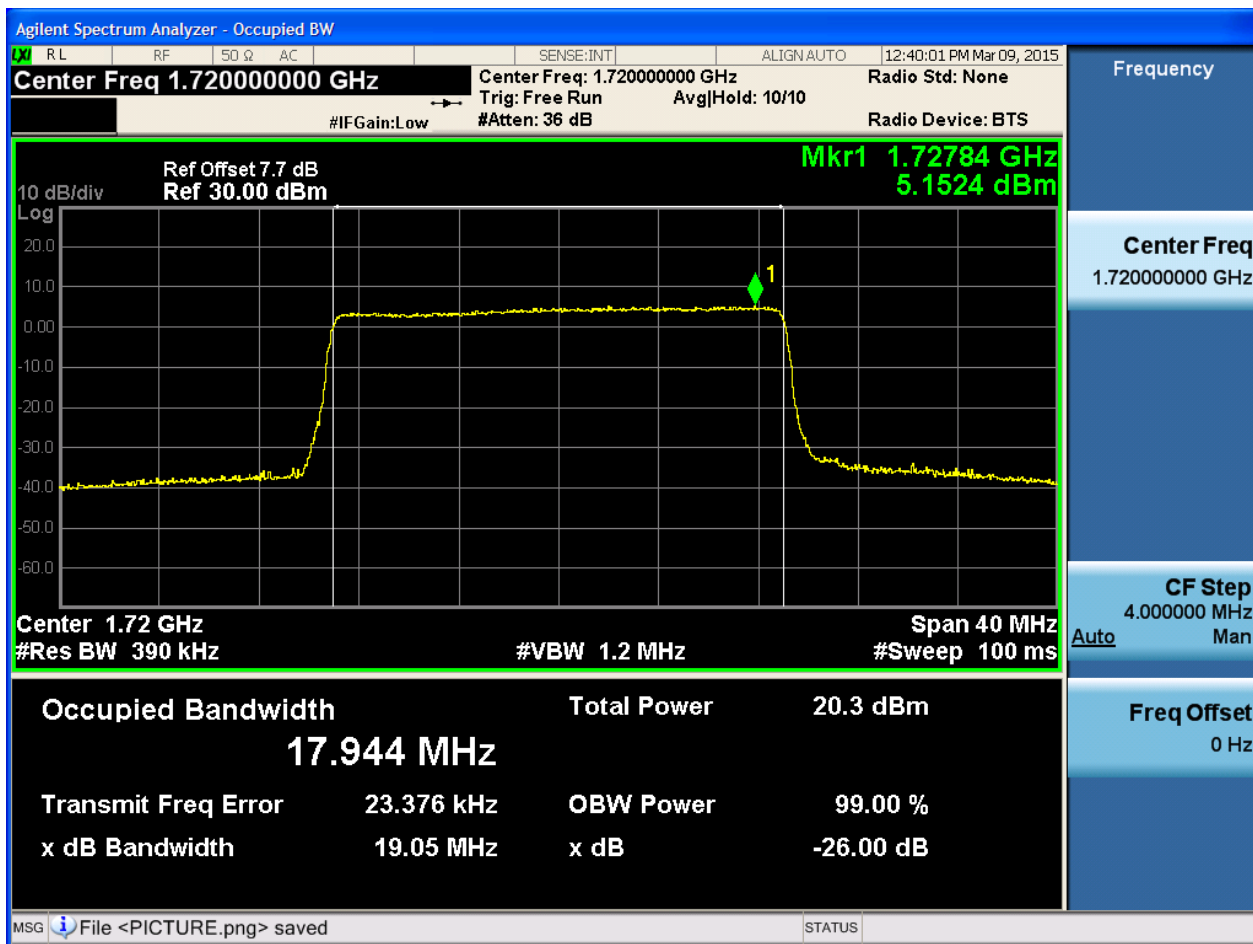




## 4.1.1.2.6 Test Bandwidth = 20

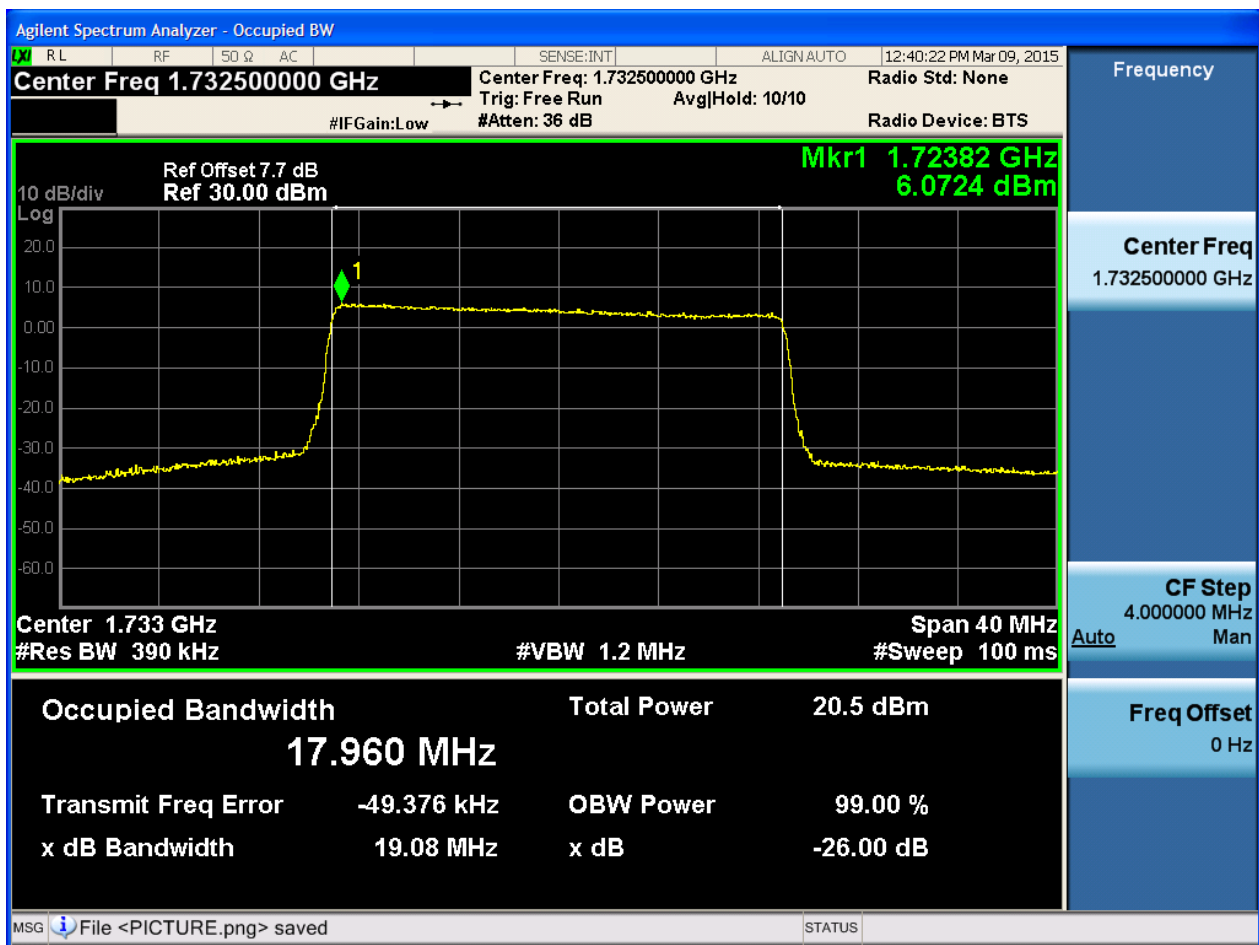
## 4.1.1.2.6.1 Test Channel = LCH

## 4.1.1.2.6.1.1 Test RB = RB100#0



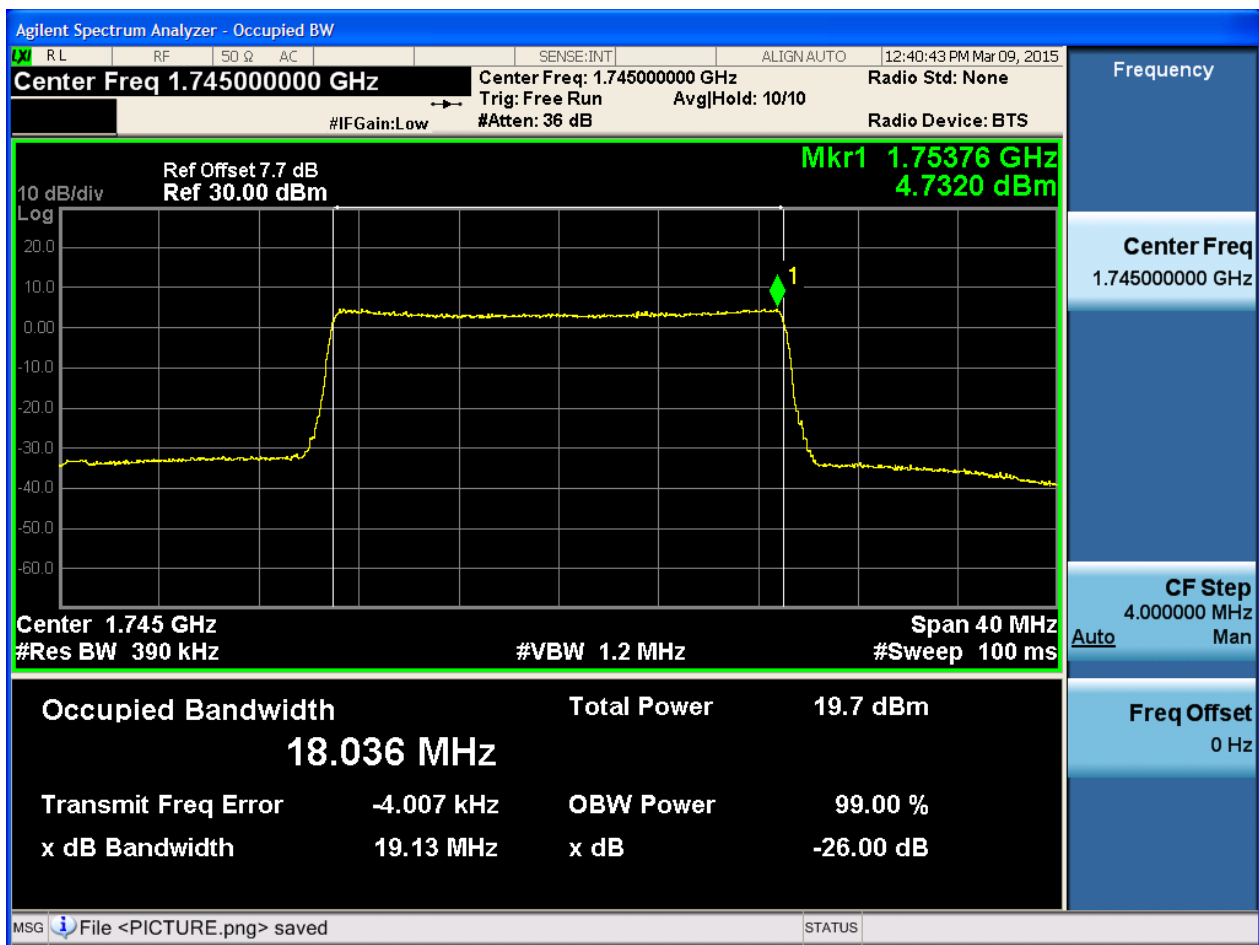
#### 4.1.1.2.6.2 Test Channel = MCH

##### 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

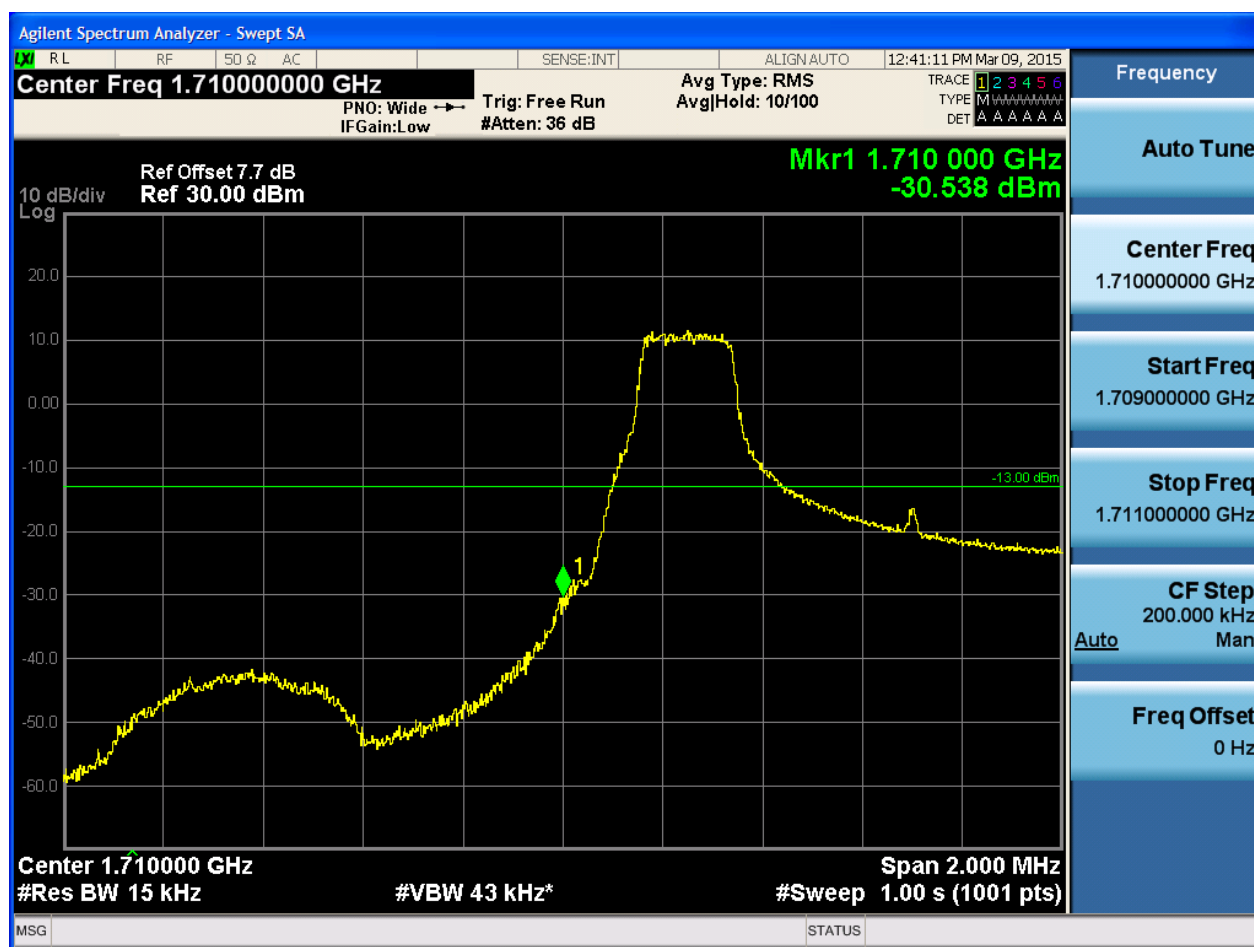
##### 5.1.1 Test Band = BAND4

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

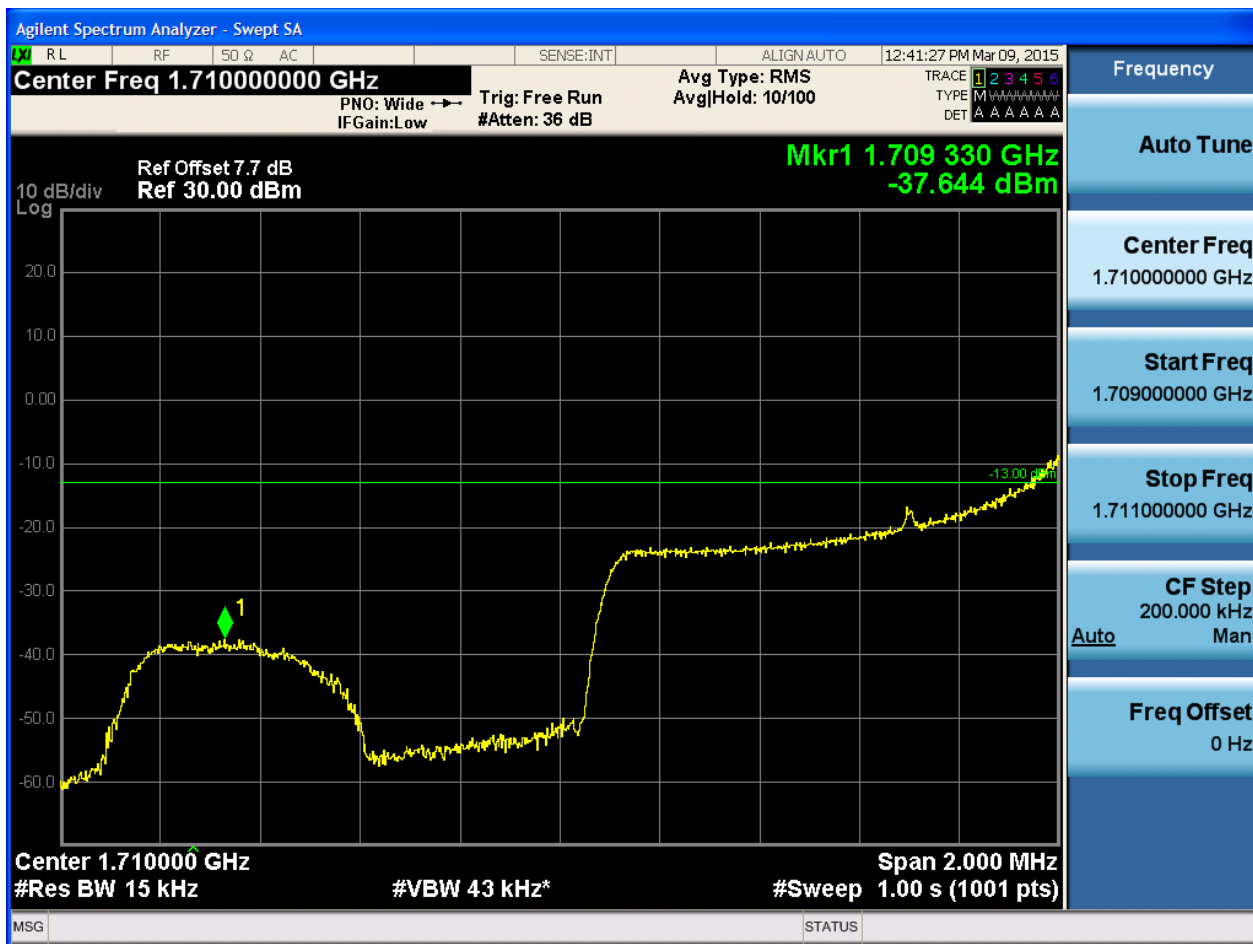
##### 5.1.1.1.1.1 Test Channel = LCH

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



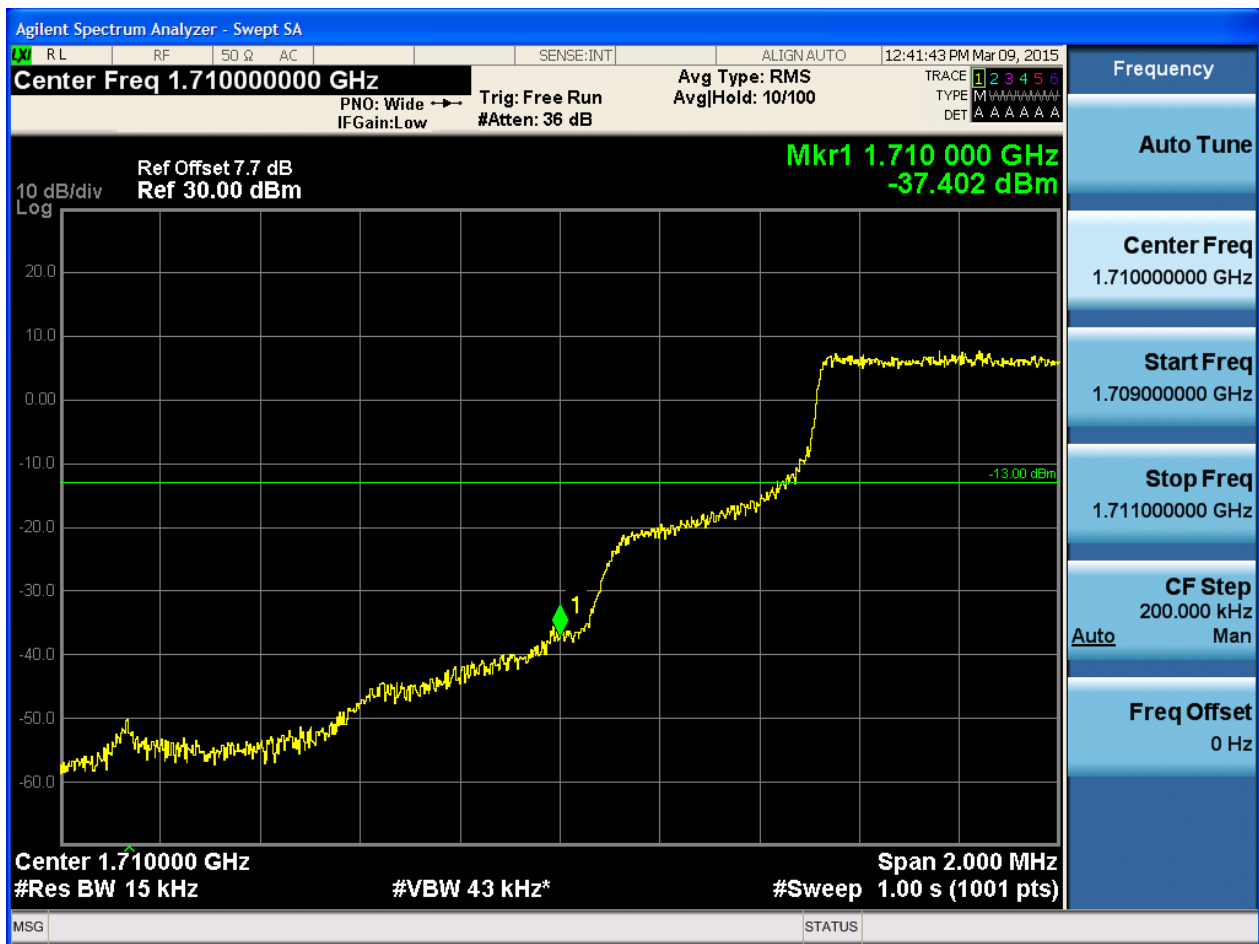


## 5.1.1.1.1.2 Test RB = RB1#5



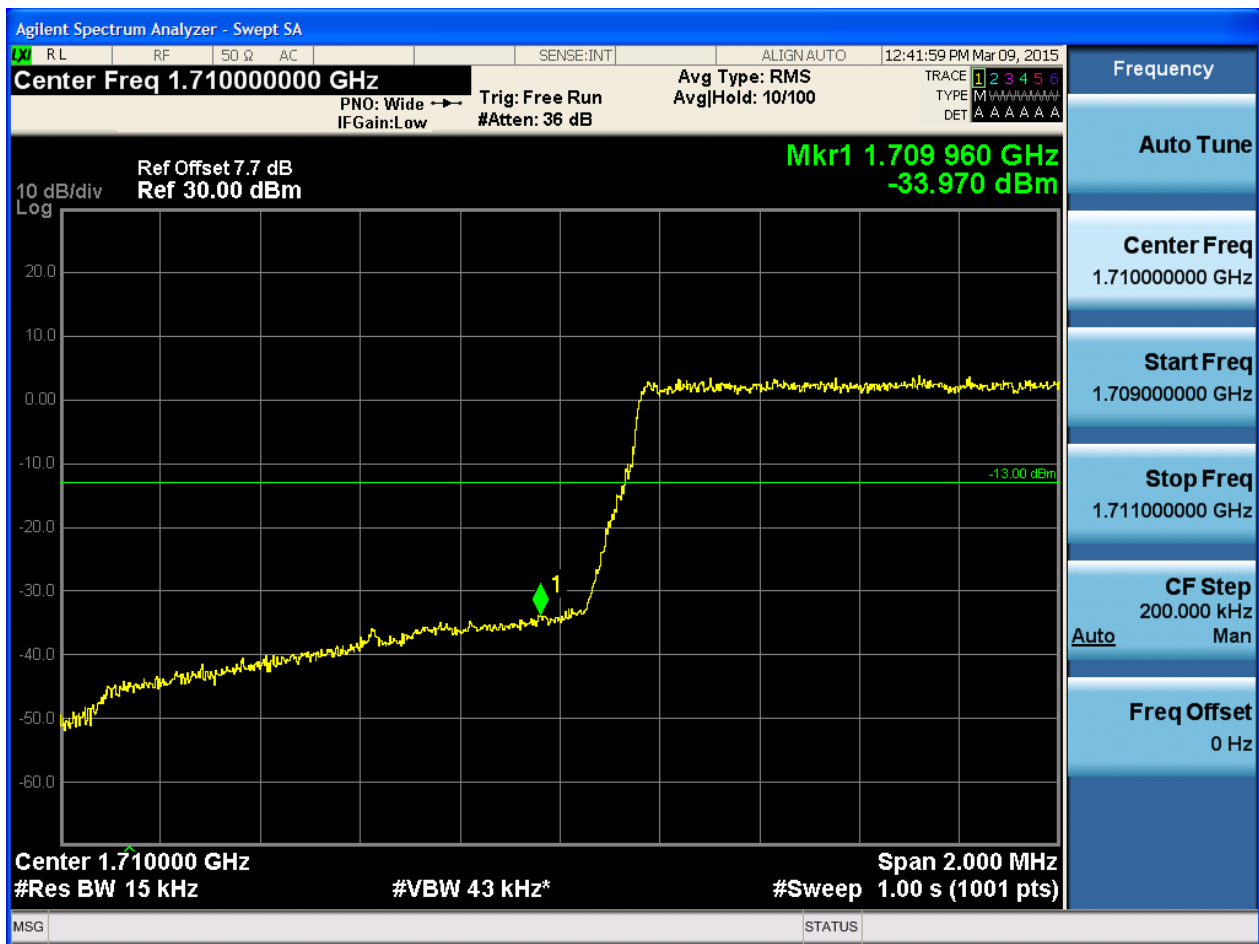


## 5.1.1.1.1.3 Test RB = RB3#2





## 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





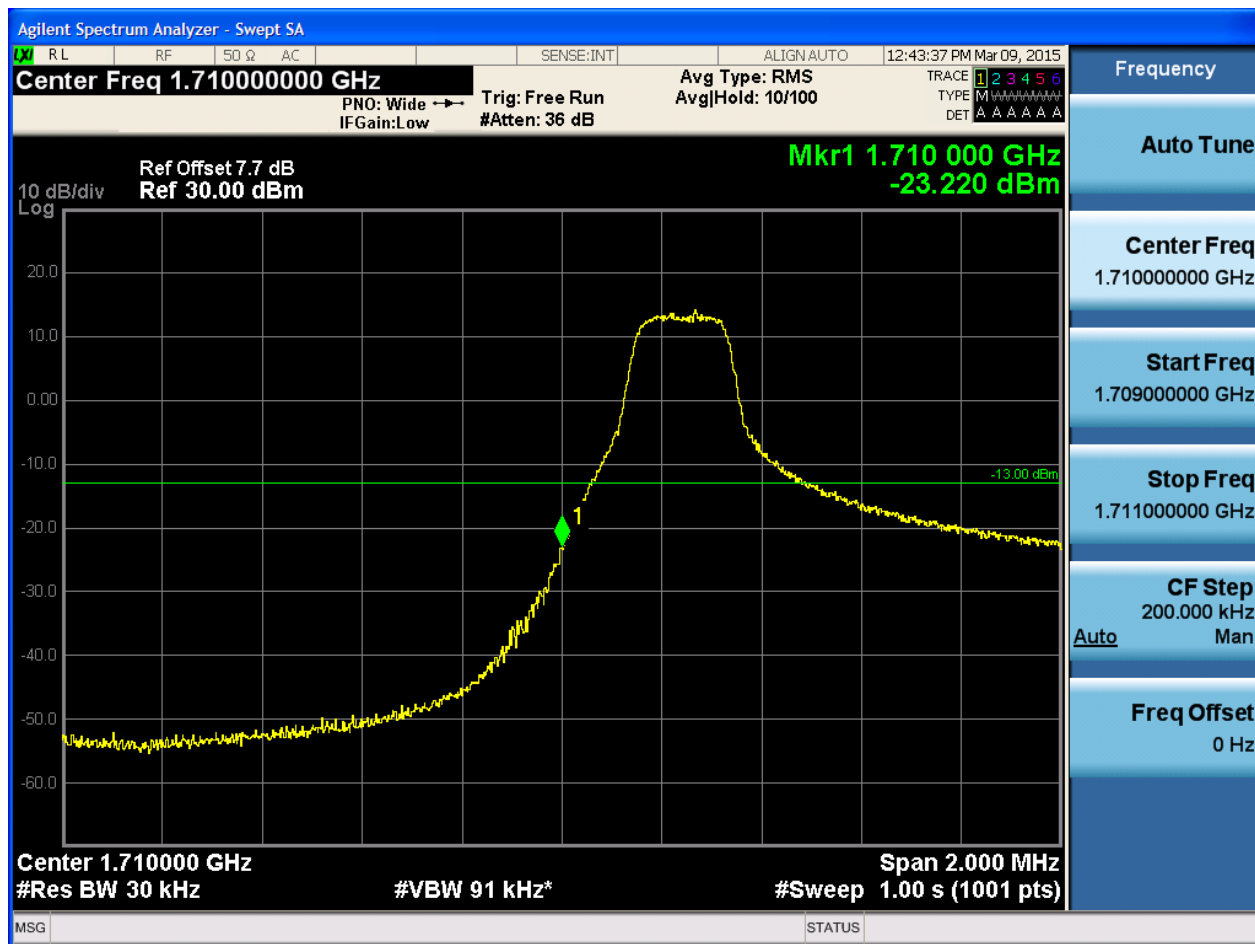
## 5.1.1.1.2.4 Test RB = RB6#0

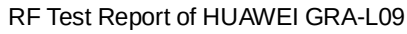


### 5.1.1.1.2 Test Bandwidth = 3

#### 5.1.1.1.2.1 Test Channel = LCH

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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.71000000 GHz

Ref Offset 7.7 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.710 000 GHz  
-36.946 dBm

Trig: Free Run  
#Atten: 36 dB

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

Auto Tune

Center Freq  
1.71000000 GHz

Start Freq  
1.709000000 GHz

Stop Freq  
1.711000000 GHz

CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz

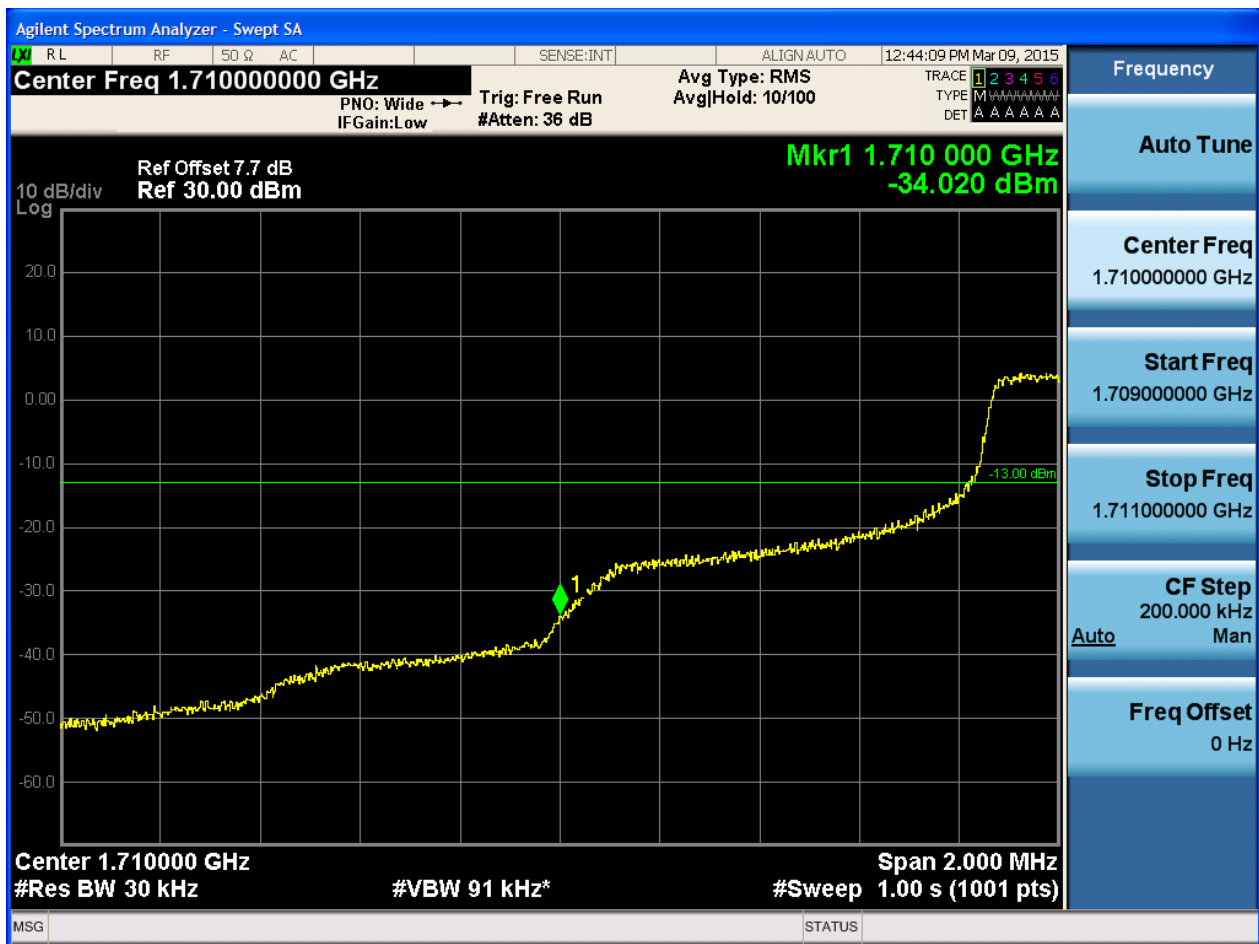
Center 1.710000 GHz  
#Res BW 30 kHz

#VBW 91 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

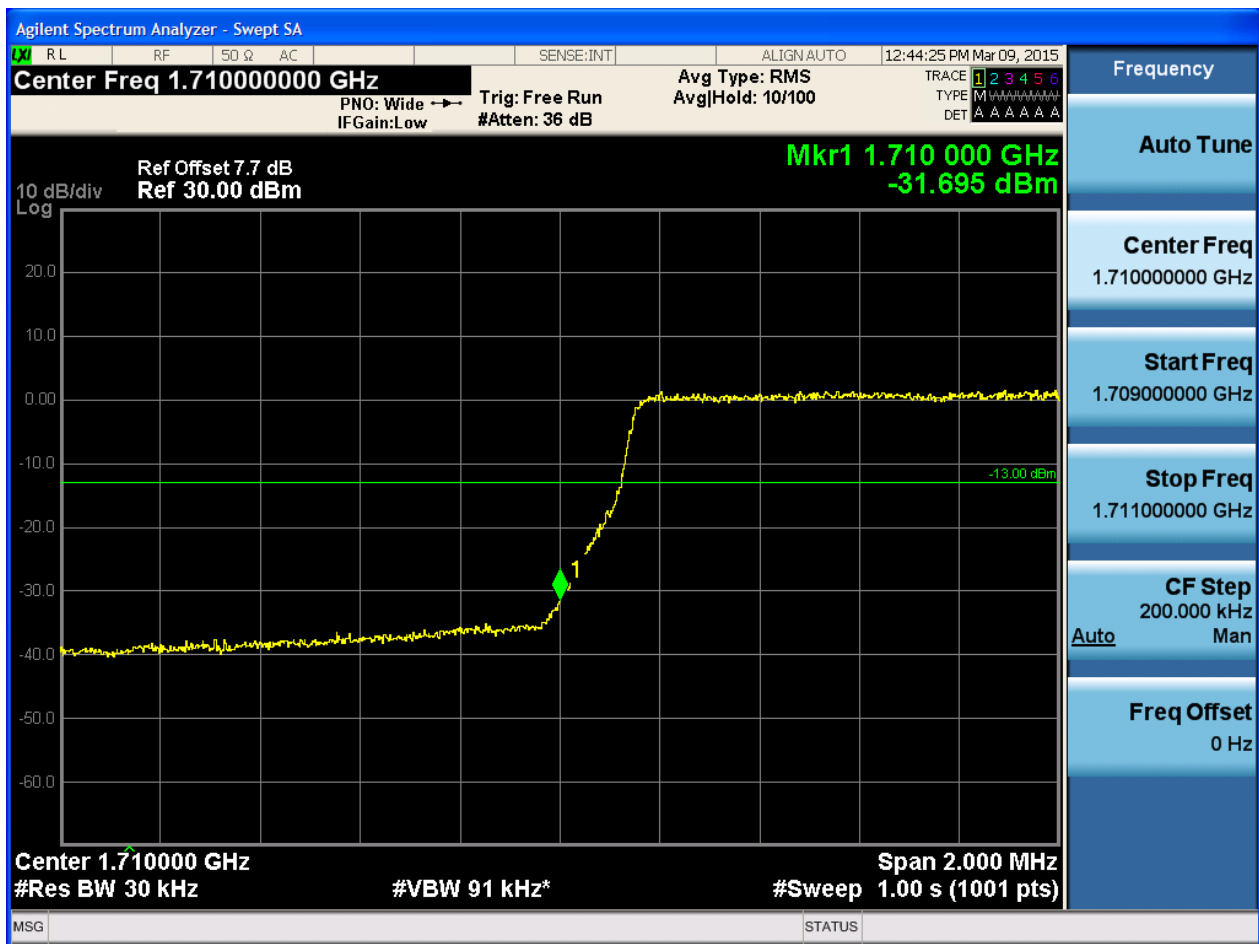


## 5.1.1.1.2.1.3 Test RB = RB8#4





## 5.1.1.1.2.1.4 Test RB = RB15#0



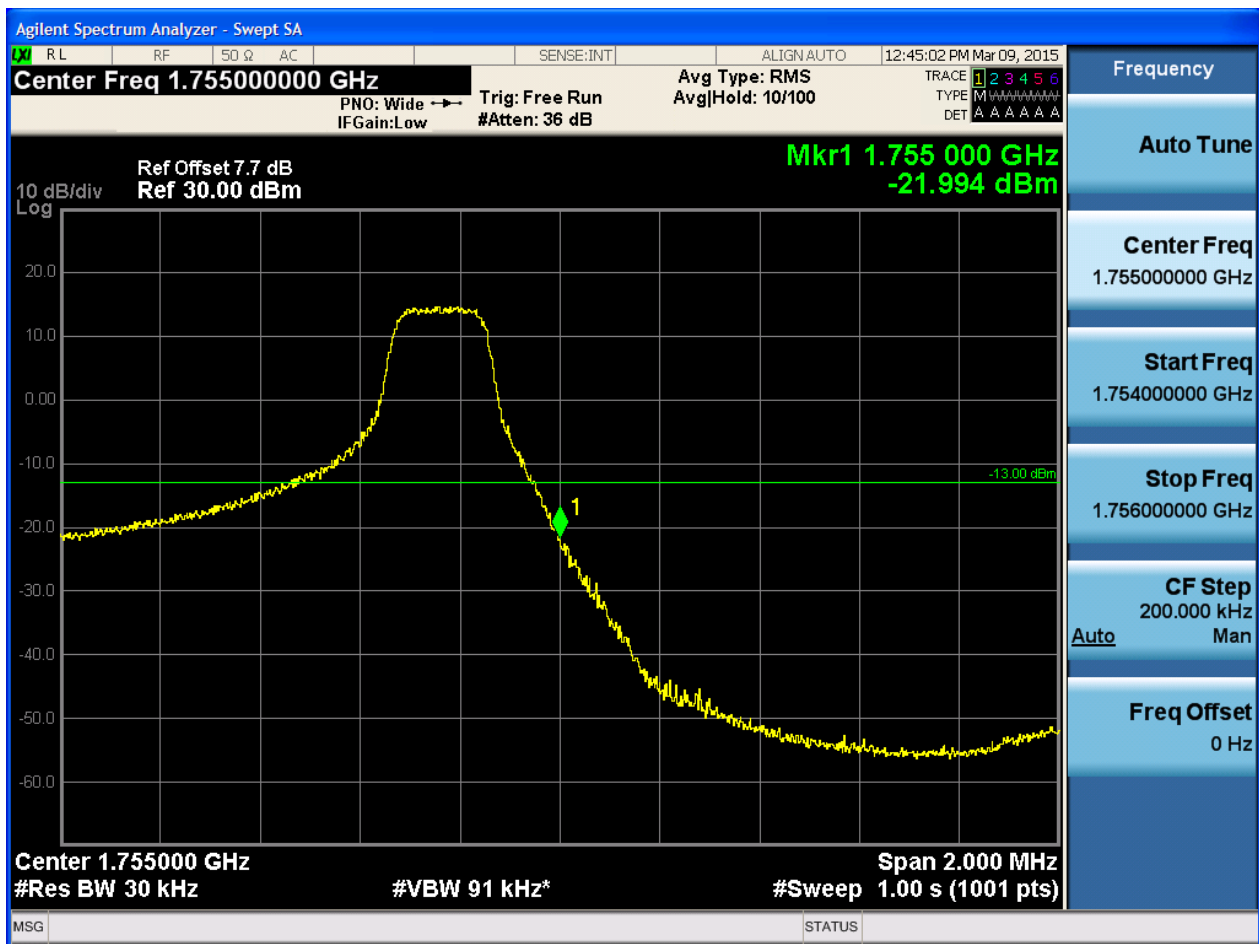
### 5.1.1.1.2.2 Test Channel = HCH

#### 5.1.1.1.2.2.1 Test RB = RB1#0





## 5.1.1.1.2.2.2 Test RB = RB1#14





## 5.1.1.1.2.2.3 Test RB = RB8#4





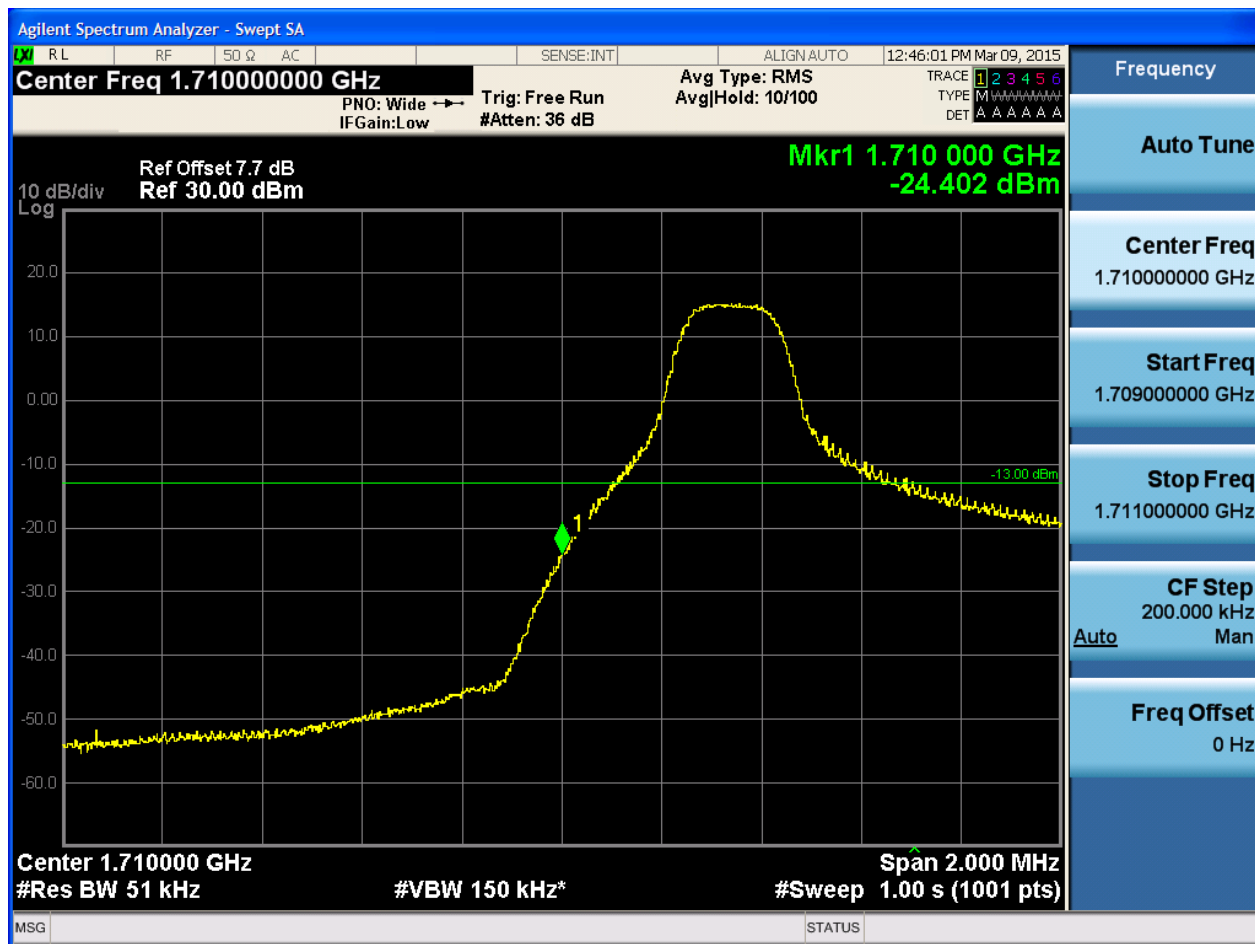
## 5.1.1.1.2.2.4 Test RB = RB15#0



### 5.1.1.1.3 Test Bandwidth = 5

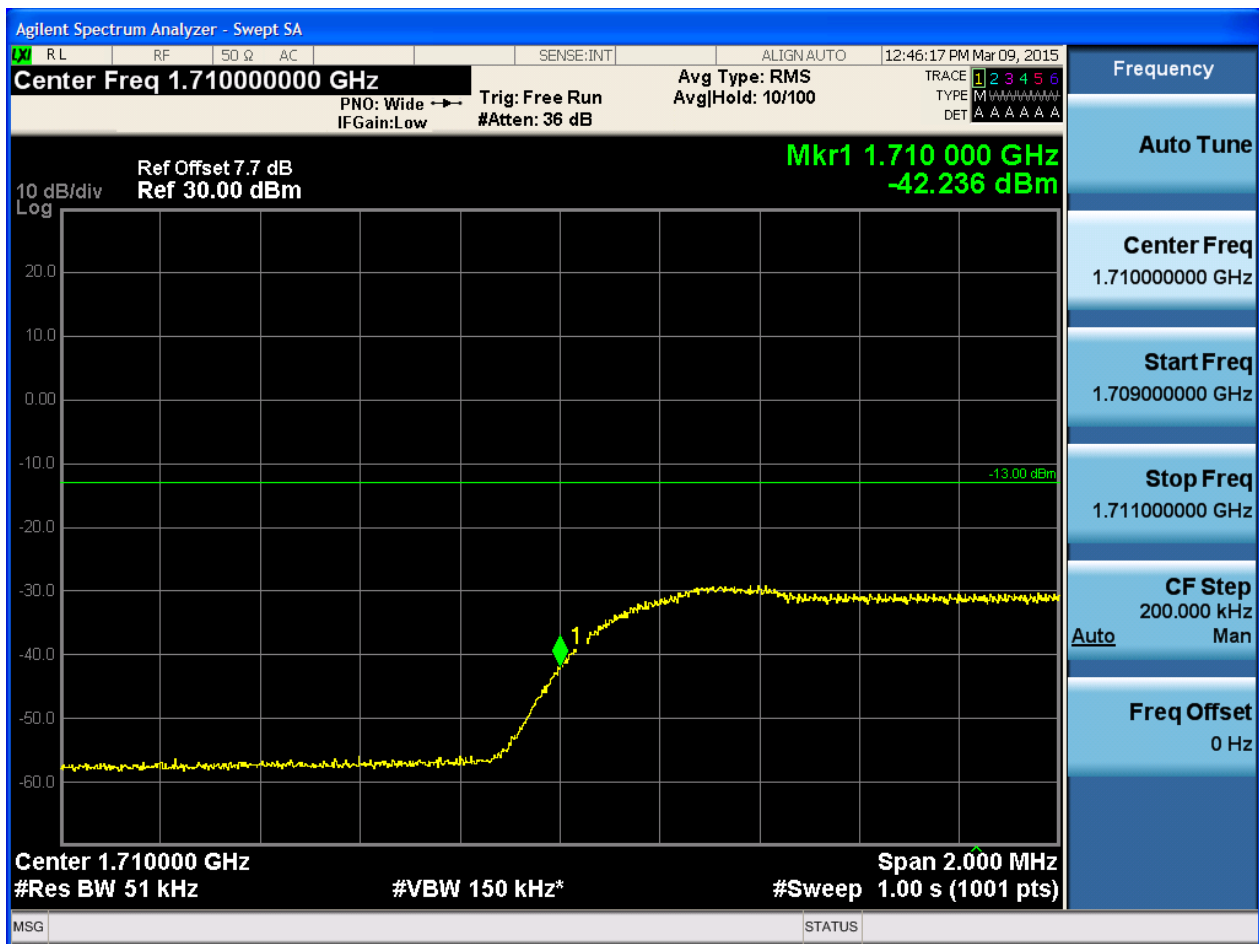
#### 5.1.1.1.3.1 Test Channel = LCH

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





## 5.1.1.1.3.1.2 Test RB = RB1#24



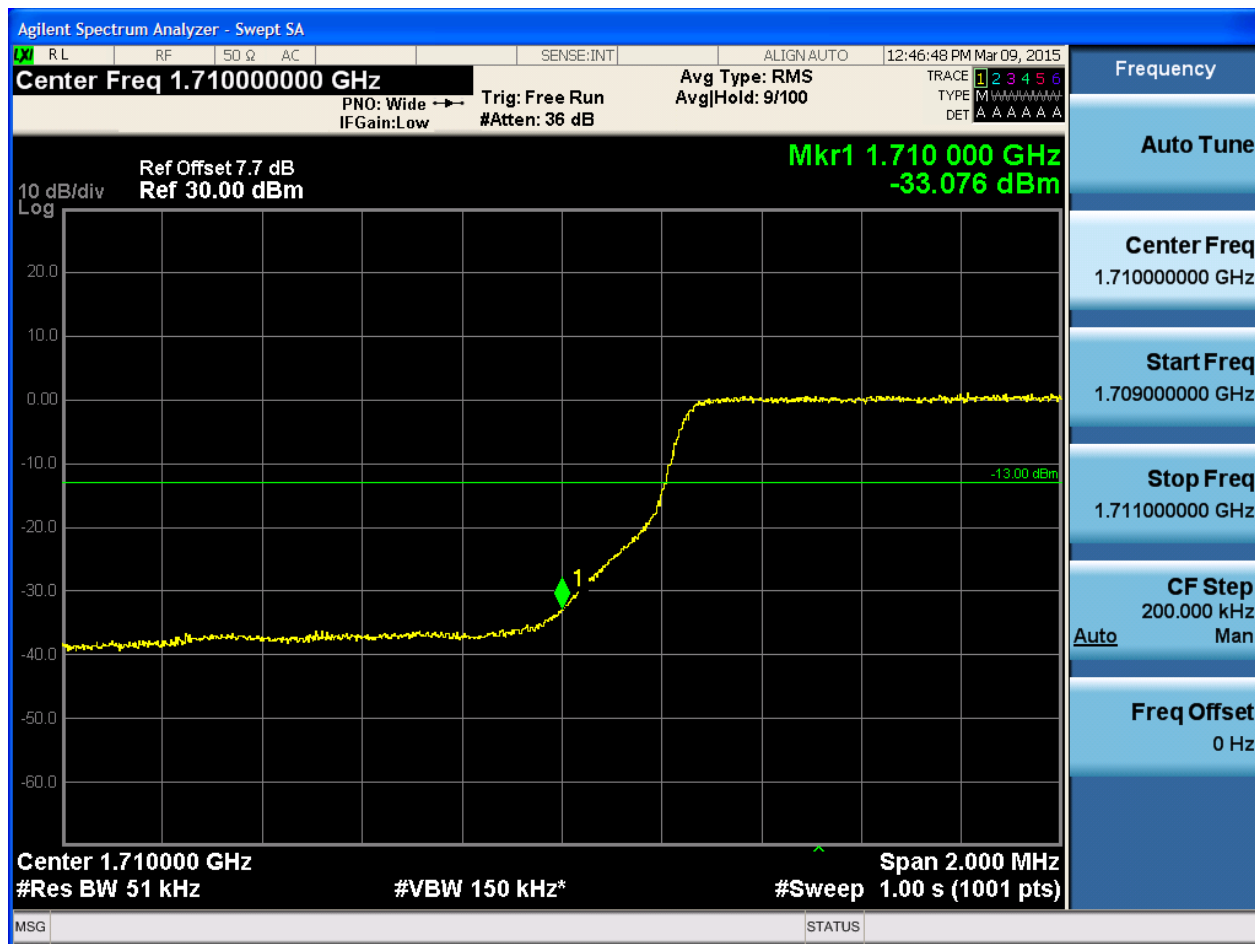


## 5.1.1.1.3.1.3 Test RB = RB12#6





## 5.1.1.1.3.1.4 Test RB = RB25#0



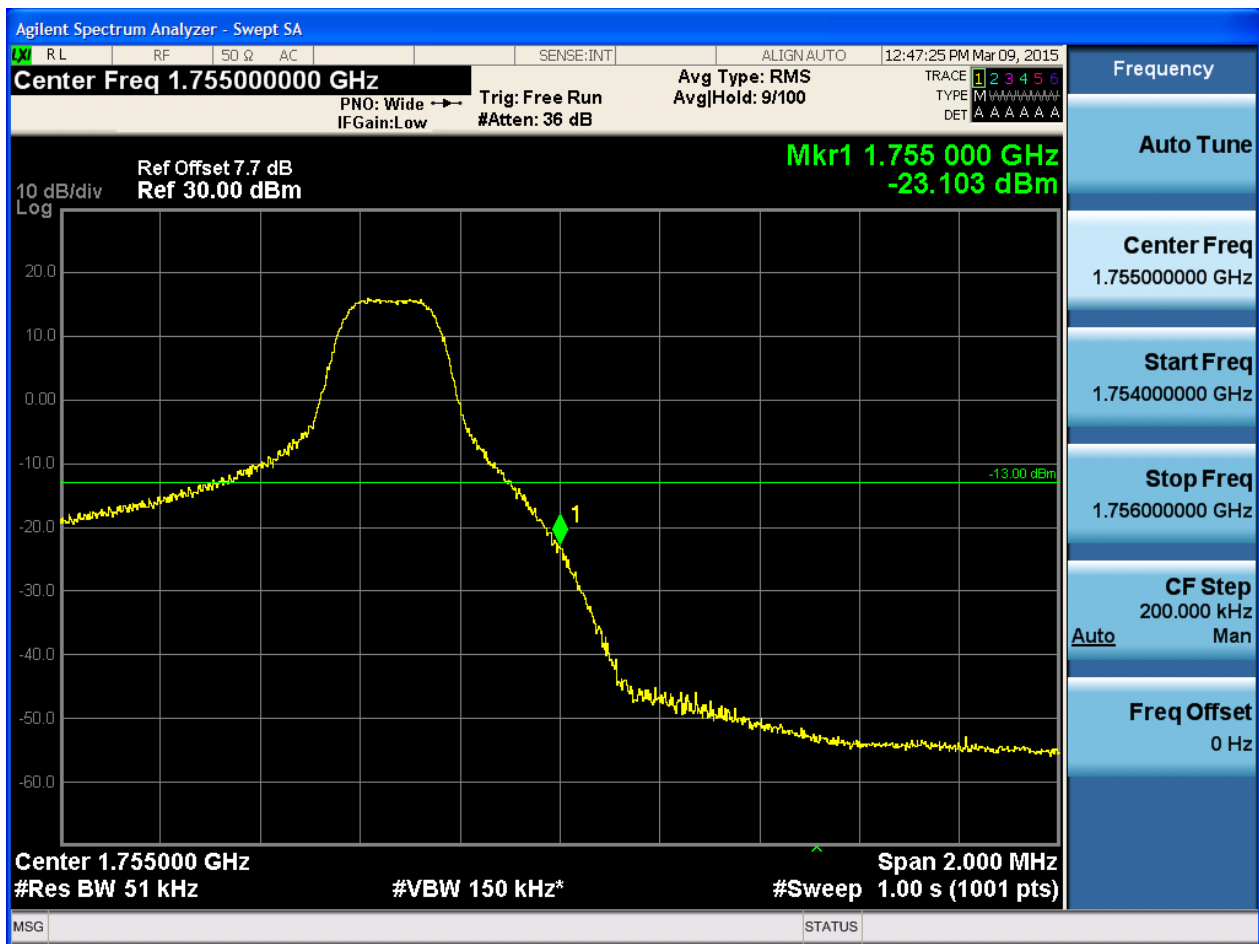
### 5.1.1.1.3.2 Test Channel = HCH

#### 5.1.1.1.3.2.1 Test RB = RB1#0





## 5.1.1.1.3.2.2 Test RB = RB1#24





## 5.1.1.1.3.2.3 Test RB = RB12#6





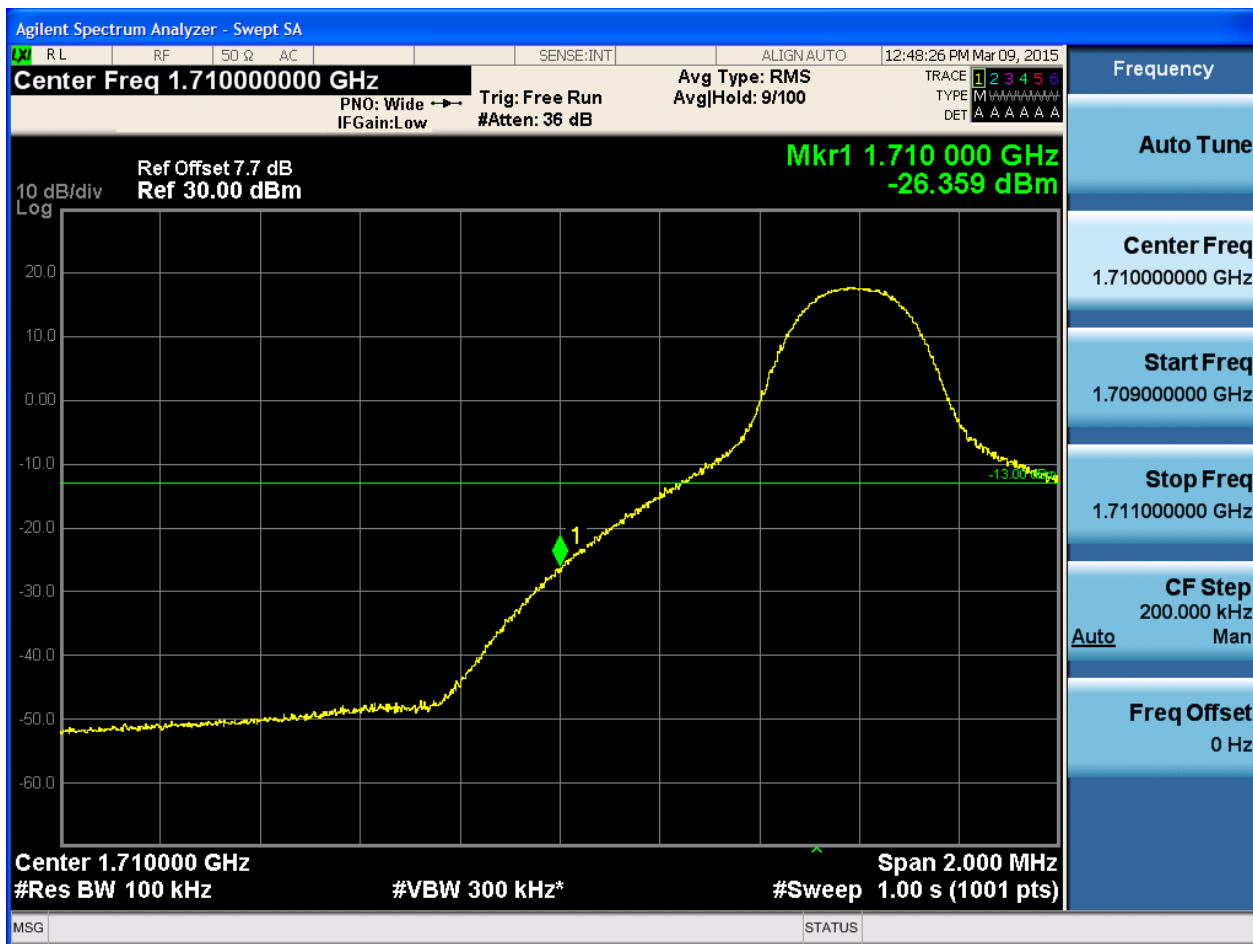
## 5.1.1.1.3.2.4 Test RB = RB25#0



#### 5.1.1.1.4 Test Bandwidth = 10

##### 5.1.1.1.4.1 Test Channel = LCH

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





## 5.1.1.1.4.1.2 Test RB = RB1#49

