



## 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 |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 23.65          | 23.55      | 33          | PASS    |
|                |           |                |              | RB1#3   | 23.71          | 23.61      | 33          | PASS    |
|                |           |                |              | RB1#5   | 23.64          | 23.54      | 33          | PASS    |
|                |           |                |              | RB3#0   | 23.7           | 23.6       | 33          | PASS    |
|                |           |                |              | RB3#2   | 23.53          | 23.43      | 33          | PASS    |
|                |           |                |              | RB3#3   | 23.52          | 23.42      | 33          | PASS    |
|                |           |                |              | RB6#0   | 22.51          | 22.41      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.58          | 23.48      | 33          | PASS    |
|                |           |                |              | RB1#3   | 23.6           | 23.5       | 33          | PASS    |
|                |           |                |              | RB1#5   | 23.57          | 23.47      | 33          | PASS    |
|                |           |                |              | RB3#0   | 23.52          | 23.42      | 33          | PASS    |
|                |           |                |              | RB3#2   | 23.57          | 23.47      | 33          | PASS    |
|                |           |                |              | RB3#3   | 23.56          | 23.46      | 33          | PASS    |
|                |           |                |              | RB6#0   | 22.57          | 22.47      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 23.79          | 23.69      | 33          | PASS    |
|                |           |                |              | RB1#3   | 23.73          | 23.63      | 33          | PASS    |
|                |           |                |              | RB1#5   | 23.65          | 23.55      | 33          | PASS    |
|                |           |                |              | RB3#0   | 23.77          | 23.67      | 33          | PASS    |
|                |           |                |              | RB3#2   | 23.6           | 23.5       | 33          | PASS    |
|                |           |                |              | RB3#3   | 23.52          | 23.42      | 33          | PASS    |
|                |           |                |              | RB6#0   | 22.62          | 22.52      | 33          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 23.95          | 23.85      | 33          | PASS    |
|                |           |                |              | RB1#7   | 23.92          | 23.82      | 33          | PASS    |
|                |           |                |              | RB1#14  | 23.62          | 23.52      | 33          | PASS    |
|                |           |                |              | RB8#0   | 22.58          | 22.48      | 33          | PASS    |
|                |           |                |              | RB8#4   | 22.67          | 22.57      | 33          | PASS    |
|                |           |                |              | RB8#7   | 22.68          | 22.58      | 33          | PASS    |
|                |           |                |              | RB15#0  | 22.62          | 22.52      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.64          | 23.54      | 33          | PASS    |
|                |           |                |              | RB1#7   | 23.7           | 23.6       | 33          | PASS    |
|                |           |                |              | RB1#14  | 23.8           | 23.7       | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 22.59          | 22.49      | 33          | PASS    |
|                |           |                |              | RB8#4   | 22.61          | 22.51      | 33          | PASS    |
|                |           |                |              | RB8#7   | 22.62          | 22.52      | 33          | PASS    |
|                |           |                |              | RB15#0  | 22.63          | 22.53      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.66          | 23.56      | 33          | PASS    |
|                |           |                |              | RB1#7   | 23.63          | 23.53      | 33          | PASS    |
|                |           |                |              | RB1#14  | 23.56          | 23.46      | 33          | PASS    |
|                |           |                |              | RB8#0   | 22.71          | 22.61      | 33          | PASS    |
|                |           |                |              | RB8#4   | 22.58          | 22.48      | 33          | PASS    |
|                |           |                |              | RB8#7   | 22.53          | 22.43      | 33          | PASS    |
|                |           |                |              | RB15#0  | 22.62          | 22.52      | 33          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 23.7           | 23.6       | 33          | PASS    |
|                |           |                |              | RB1#13  | 23.71          | 23.61      | 33          | PASS    |
|                |           |                |              | RB1#24  | 23.64          | 23.54      | 33          | PASS    |
|                |           |                |              | RB12#0  | 22.61          | 22.51      | 33          | PASS    |
|                |           |                |              | RB12#6  | 22.64          | 22.54      | 33          | PASS    |
|                |           |                |              | RB12#13 | 22.62          | 22.52      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#0  | 22.59          | 22.49      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.66          | 23.56      | 33          | PASS    |
|                |           |                |              | RB1#13  | 23.49          | 23.39      | 33          | PASS    |
|                |           |                |              | RB1#24  | 23.63          | 23.53      | 33          | PASS    |
|                |           |                |              | RB12#0  | 22.48          | 22.38      | 33          | PASS    |
|                |           |                |              | RB12#6  | 22.46          | 22.36      | 33          | PASS    |
|                |           |                |              | RB12#13 | 22.54          | 22.44      | 33          | PASS    |
|                |           |                |              | RB25#0  | 22.6           | 22.5       | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.58          | 23.48      | 33          | PASS    |
|                |           |                |              | RB1#13  | 23.44          | 23.34      | 33          | PASS    |
|                |           |                |              | RB1#24  | 23.49          | 23.39      | 33          | PASS    |
|                |           |                |              | RB12#0  | 22.66          | 22.56      | 33          | PASS    |
|                |           |                |              | RB12#6  | 22.57          | 22.47      | 33          | PASS    |
|                |           |                |              | RB12#13 | 22.57          | 22.47      | 33          | PASS    |
|                |           |                |              | RB25#0  | 22.67          | 22.57      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 23.65          | 23.55      | 33          | PASS    |
|                |           |                |              | RB1#25  | 23.93          | 23.83      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#49  | 23.36          | 23.26      | 33          | PASS    |
|                |           |                |              | RB25#0  | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB25#13 | 22.77          | 22.67      | 33          | PASS    |
|                |           |                |              | RB25#25 | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.71          | 22.61      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.49          | 23.39      | 33          | PASS    |
|                |           |                |              | RB1#25  | 23.85          | 23.75      | 33          | PASS    |
|                |           |                |              | RB1#49  | 23.89          | 23.79      | 33          | PASS    |
|                |           |                |              | RB25#0  | 22.56          | 22.46      | 33          | PASS    |
|                |           |                |              | RB25#13 | 22.62          | 22.52      | 33          | PASS    |
|                |           |                |              | RB25#25 | 22.7           | 22.6       | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.62          | 22.52      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.73          | 23.63      | 33          | PASS    |
|                |           |                |              | RB1#25  | 23.9           | 23.8       | 33          | PASS    |
|                |           |                |              | RB1#49  | 23.75          | 23.65      | 33          | PASS    |
|                |           |                |              | RB25#0  | 22.74          | 22.64      | 33          | PASS    |
|                |           |                |              | RB25#13 | 22.68          | 22.58      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 22.67          | 22.57      | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.71          | 22.61      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 23.99          | 23.89      | 33          | PASS    |
|                |           |                |              | RB1#38  | 23.79          | 23.69      | 33          | PASS    |
|                |           |                |              | RB1#74  | 23.79          | 23.69      | 33          | PASS    |
|                |           |                |              | RB38#0  | 22.74          | 22.64      | 33          | PASS    |
|                |           |                |              | RB38#19 | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB38#39 | 22.6           | 22.5       | 33          | PASS    |
|                |           |                |              | RB75#0  | 22.74          | 22.64      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.93          | 23.83      | 33          | PASS    |
|                |           |                |              | RB1#38  | 23.71          | 23.61      | 33          | PASS    |
|                |           |                |              | RB1#74  | 23.65          | 23.55      | 33          | PASS    |
|                |           |                |              | RB38#0  | 22.59          | 22.49      | 33          | PASS    |
|                |           |                |              | RB38#19 | 22.64          | 22.54      | 33          | PASS    |
|                |           |                |              | RB38#39 | 22.64          | 22.54      | 33          | PASS    |
|                |           |                |              | RB75#0  | 22.54          | 22.44      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.8           | 23.7       | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 23.76          | 23.66      | 33          | PASS    |
|                |           |                |              | RB1#74  | 23.58          | 23.48      | 33          | PASS    |
|                |           |                |              | RB38#0  | 22.7           | 22.6       | 33          | PASS    |
|                |           |                |              | RB38#19 | 22.66          | 22.56      | 33          | PASS    |
|                |           |                |              | RB38#39 | 22.59          | 22.49      | 33          | PASS    |
|                |           |                |              | RB75#0  | 22.59          | 22.49      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 23.87          | 23.77      | 33          | PASS    |
|                |           |                |              | RB1#50  | 23.71          | 23.61      | 33          | PASS    |
|                |           |                |              | RB1#99  | 23.7           | 23.6       | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.84          | 22.74      | 33          | PASS    |
|                |           |                |              | RB50#25 | 22.68          | 22.58      | 33          | PASS    |
|                |           |                |              | RB50#50 | 22.63          | 22.53      | 33          | PASS    |
|                |           |                |              | RB100#0 | 22.7           | 22.6       | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.88          | 23.78      | 33          | PASS    |
|                |           |                |              | RB1#50  | 23.84          | 23.74      | 33          | PASS    |
|                |           |                |              | RB1#99  | 23.67          | 23.57      | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.8           | 22.7       | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 22.64          | 22.54      | 33          | PASS    |
|                |           |                |              | RB50#50 | 22.62          | 22.52      | 33          | PASS    |
|                |           |                |              | RB100#0 | 22.61          | 22.51      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.77          | 23.67      | 33          | PASS    |
|                |           |                |              | RB1#50  | 23.96          | 23.86      | 33          | PASS    |
|                |           |                |              | RB1#99  | 23.59          | 23.49      | 33          | PASS    |
|                |           |                |              | RB50#0  | 22.79          | 22.69      | 33          | PASS    |
|                |           |                |              | RB50#25 | 22.76          | 22.66      | 33          | PASS    |
|                |           |                |              | RB50#50 | 22.67          | 22.57      | 33          | PASS    |
|                |           |                |              | RB100#0 | 22.69          | 22.59      | 33          | PASS    |
|                | LTE/TM2   | 1.4            | LCH          | RB1#0   | 22.73          | 22.63      | 33          | PASS    |
|                |           |                |              | RB1#3   | 22.64          | 22.54      | 33          | PASS    |
|                |           |                |              | RB1#5   | 22.66          | 22.56      | 33          | PASS    |
|                |           |                |              | RB3#0   | 22.55          | 22.45      | 33          | PASS    |
|                |           |                |              | RB3#2   | 22.6           | 22.5       | 33          | PASS    |
|                |           |                |              | RB3#3   | 22.57          | 22.47      | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.53          | 21.43      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                | MCH          | RB1#0   | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB1#3   | 22.96          | 22.86      | 33          | PASS    |
|                |           |                |              | RB1#5   | 22.94          | 22.84      | 33          | PASS    |
|                |           |                |              | RB3#0   | 22.63          | 22.53      | 33          | PASS    |
|                |           |                |              | RB3#2   | 22.49          | 22.39      | 33          | PASS    |
|                |           |                |              | RB3#3   | 22             | 21.9       | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.35          | 21.25      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.82          | 22.72      | 33          | PASS    |
|                |           |                |              | RB1#3   | 22.98          | 22.88      | 33          | PASS    |
|                |           |                |              | RB1#5   | 22.84          | 22.74      | 33          | PASS    |
|                |           |                |              | RB3#0   | 22.93          | 22.83      | 33          | PASS    |
|                |           |                |              | RB3#2   | 22.93          | 22.83      | 33          | PASS    |
|                |           |                |              | RB3#3   | 22.91          | 22.81      | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.49          | 21.39      | 33          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.78          | 22.68      | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.42          | 22.32      | 33          | PASS    |
|                |           |                |              | RB1#14  | 22.93          | 22.83      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 21.36          | 21.26      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.39          | 21.29      | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.5           | 21.4       | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.43          | 21.33      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.79          | 22.69      | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.77          | 22.67      | 33          | PASS    |
|                |           |                |              | RB1#14  | 22.92          | 22.82      | 33          | PASS    |
|                |           |                |              | RB8#0   | 21.38          | 21.28      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.27          | 21.17      | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.28          | 21.18      | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.34          | 21.24      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.92          | 22.82      | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.91          | 22.81      | 33          | PASS    |
|                |           |                |              | RB1#14  | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB8#0   | 21.82          | 21.72      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.61          | 21.51      | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.52          | 21.42      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           | 5              |              | RB15#0  | 21.62          | 21.52      | 33          | PASS    |
|                |           |                |              | RB1#0   | 22.83          | 22.73      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.76          | 22.66      | 33          | PASS    |
|                |           |                |              | RB1#24  | 22.71          | 22.61      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.66          | 21.56      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.6           | 21.5       | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.48          | 21.38      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.58          | 21.48      | 33          | PASS    |
|                |           |                |              | RB1#0   | 22.88          | 22.78      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.8           | 22.7       | 33          | PASS    |
|                |           |                |              | RB1#24  | 22.87          | 22.77      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.53          | 21.43      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.41          | 21.31      | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.51          | 21.41      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.5           | 21.4       | 33          | PASS    |
|                |           |                |              | RB1#0   | 22.95          | 22.85      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.94          | 22.84      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#24  | 22.88          | 22.78      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.76          | 21.66      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.58          | 21.48      | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.41          | 21.31      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.53          | 21.43      | 33          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 22.97          | 22.87      | 33          | PASS    |
|                |           |                |              | RB1#25  | 22.92          | 22.82      | 33          | PASS    |
|                |           |                |              | RB1#49  | 22.84          | 22.74      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.54          | 21.44      | 33          | PASS    |
|                |           |                |              | RB25#13 | 21.57          | 21.47      | 33          | PASS    |
|                |           |                |              | RB25#25 | 21.54          | 21.44      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.55          | 21.45      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.99          | 22.89      | 33          | PASS    |
|                |           |                |              | RB1#25  | 22.95          | 22.85      | 33          | PASS    |
|                |           |                |              | RB1#49  | 22.65          | 22.55      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.34          | 21.24      | 33          | PASS    |
|                |           |                |              | RB25#13 | 21.41          | 21.31      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB25#25 | 21.41          | 21.31      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.43          | 21.33      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.72          | 22.62      | 33          | PASS    |
|                |           |                |              | RB1#25  | 22.51          | 22.41      | 33          | PASS    |
|                |           |                |              | RB1#49  | 22.51          | 22.41      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.78          | 21.68      | 33          | PASS    |
|                |           |                |              | RB25#13 | 21.63          | 21.53      | 33          | PASS    |
|                |           |                |              | RB25#25 | 21.65          | 21.55      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.43          | 21.33      | 33          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 22.82          | 22.72      | 33          | PASS    |
|                |           |                |              | RB1#38  | 22.47          | 22.37      | 33          | PASS    |
|                |           |                |              | RB1#74  | 22.89          | 22.79      | 33          | PASS    |
|                |           |                |              | RB38#0  | 21.66          | 21.56      | 33          | PASS    |
|                |           |                |              | RB38#19 | 21.54          | 21.44      | 33          | PASS    |
|                |           |                |              | RB38#39 | 21.43          | 21.33      | 33          | PASS    |
|                |           |                |              | RB75#0  | 21.56          | 21.46      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.79          | 22.69      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB1#38  | 22.82          | 22.72      | 33          | PASS    |
|                |           |                |              | RB1#74  | 22.87          | 22.77      | 33          | PASS    |
|                |           |                |              | RB38#0  | 21.62          | 21.52      | 33          | PASS    |
|                |           |                |              | RB38#19 | 21.68          | 21.58      | 33          | PASS    |
|                |           |                |              | RB38#39 | 21.69          | 21.59      | 33          | PASS    |
|                |           |                |              | RB75#0  | 21.58          | 21.48      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.62          | 22.52      | 33          | PASS    |
|                |           |                |              | RB1#38  | 22.58          | 22.48      | 33          | PASS    |
|                |           |                |              | RB1#74  | 22.59          | 22.49      | 33          | PASS    |
|                |           |                |              | RB38#0  | 21.59          | 21.49      | 33          | PASS    |
|                |           |                |              | RB38#19 | 21.47          | 21.37      | 33          | PASS    |
|                |           |                |              | RB38#39 | 21.69          | 21.59      | 33          | PASS    |
|                |           |                |              | RB75#0  | 21.62          | 21.52      | 33          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.80          | 22.7       | 33          | PASS    |
|                |           |                |              | RB1#50  | 22.86          | 22.76      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.94          | 22.84      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.86          | 21.76      | 33          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 21.69          | 21.59      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.64          | 21.54      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.58          | 21.48      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.75          | 22.65      | 33          | PASS    |
|                |           |                |              | RB1#50  | 22.82          | 22.72      | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.70          | 22.6       | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.66          | 21.56      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.66          | 21.56      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.64          | 21.54      | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.54          | 21.44      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.86          | 22.76      | 33          | PASS    |
|                |           |                |              | RB1#50  | 22.70          | 22.6       | 33          | PASS    |
|                |           |                |              | RB1#99  | 22.87          | 22.77      | 33          | PASS    |
|                |           |                |              | RB50#0  | 21.62          | 21.52      | 33          | PASS    |
|                |           |                |              | RB50#25 | 21.59          | 21.49      | 33          | PASS    |
|                |           |                |              | RB50#50 | 21.6           | 21.5       | 33          | PASS    |
|                |           |                |              | RB100#0 | 21.61          | 21.51      | 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:

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

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

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

SET Sweep time=auto-couple.

Detector:RMS

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

### Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND2              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 2.83         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 2.79         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 2.96         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 3.41         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 3.22         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 3.43         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 4.96         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.09         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 2.99         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 3.16         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 3.6          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 3.49         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 3.64         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.27         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.2          | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 3.01         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 3.26         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 3.6          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 3.37         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 3.55         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 4.75         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 2.89         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 2.86         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 2.97         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.25         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 4.92         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.15         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.02         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.1          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.53         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#7   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.02         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.09         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.07         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.22         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.34         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.13         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 3.01         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 2.95         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 3.14         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5            | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.14         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.14         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 3.17         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 4.5          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.45         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.19         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.12         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.03         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 3.18         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.24         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.04         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 2.81         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.02         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.12         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 4.55         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.28         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.09         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.05         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#49  | 3.09         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 4.45         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.45         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.04         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.14         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.03         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.16         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 4.42         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.32         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.15         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 2.83         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.12         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.17         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.48         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.05         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.01         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.07         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.38         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.16         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.03         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.04         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 4.52         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.24         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 2.93         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.18         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.28         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 4.56         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 4.68         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB100#0 | 5.44         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.18         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 2.9          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.12         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 4.51         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 4.96         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.26         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.03         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.05         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.36         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 3.64         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 3.58         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 3.71         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.13         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.02         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.12         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.34         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.89         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 3.78         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 3.93         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.41         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.52         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.06         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.01         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.21         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.08         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 3.86         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.13         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.51         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 3.66         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.57         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.85         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#0   | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.99         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.87         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.73         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.92         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.2          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.84         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.81         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.98         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.74         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 3.96         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.96         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.11         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.96         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.15         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.05         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.94         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.53         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.38         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 3.5          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.05         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   | LCH          | RB1#0   | 3.74         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.82         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.08         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.06         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.92         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.87         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.98         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.47         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.17         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4            | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.21         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.17         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.72         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 3.77         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.13         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.23         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.24         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.07         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.98         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.01         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.52         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.14         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.75         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.61         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 3.6          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.64         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB38#19 | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.06         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 3.64         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.82         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.93         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.26         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.81         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.58         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.84         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.9          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.97         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.8          | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 3.74         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.98         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

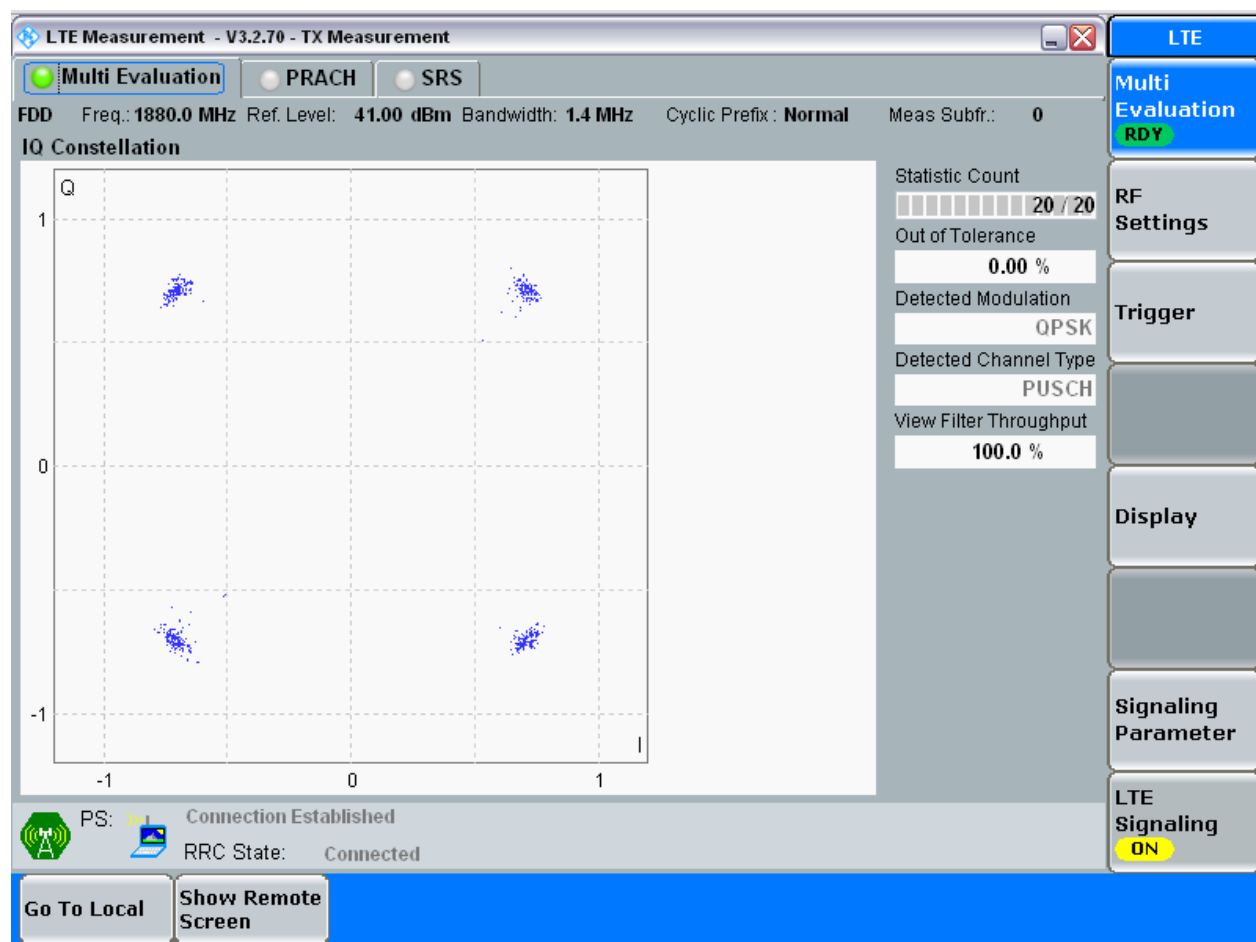
##### 3.1.1 Test Band = BAND2

##### 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

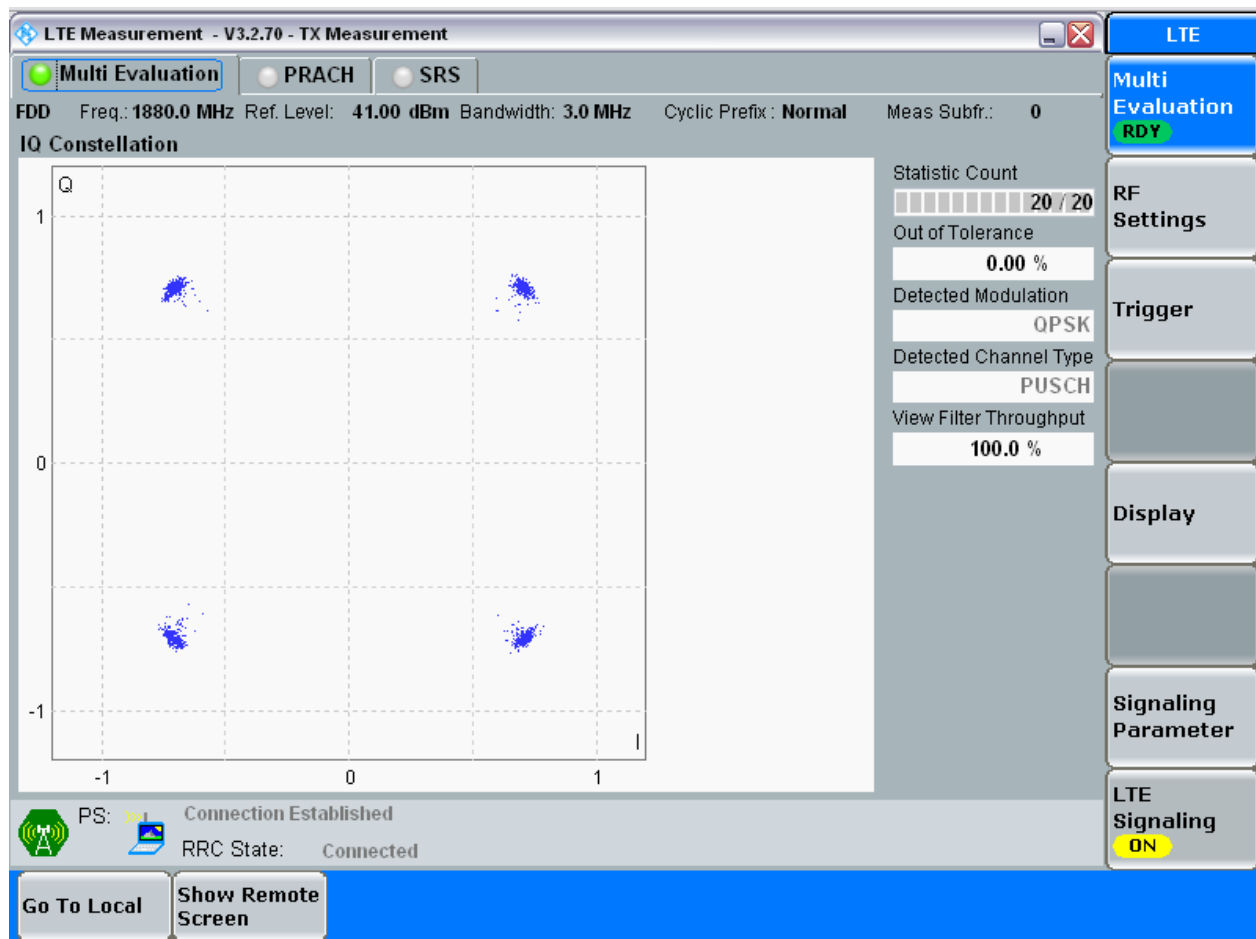
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

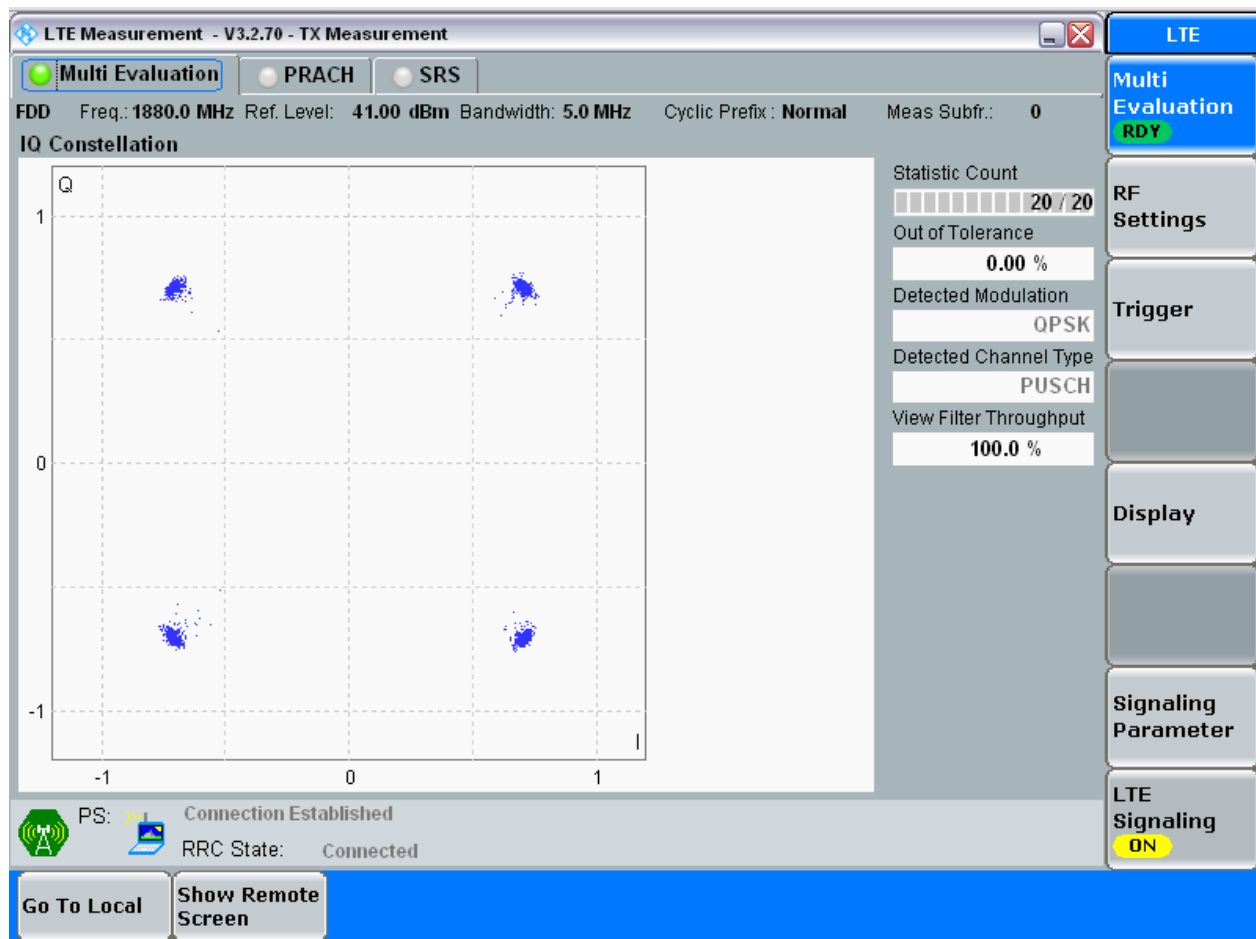
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

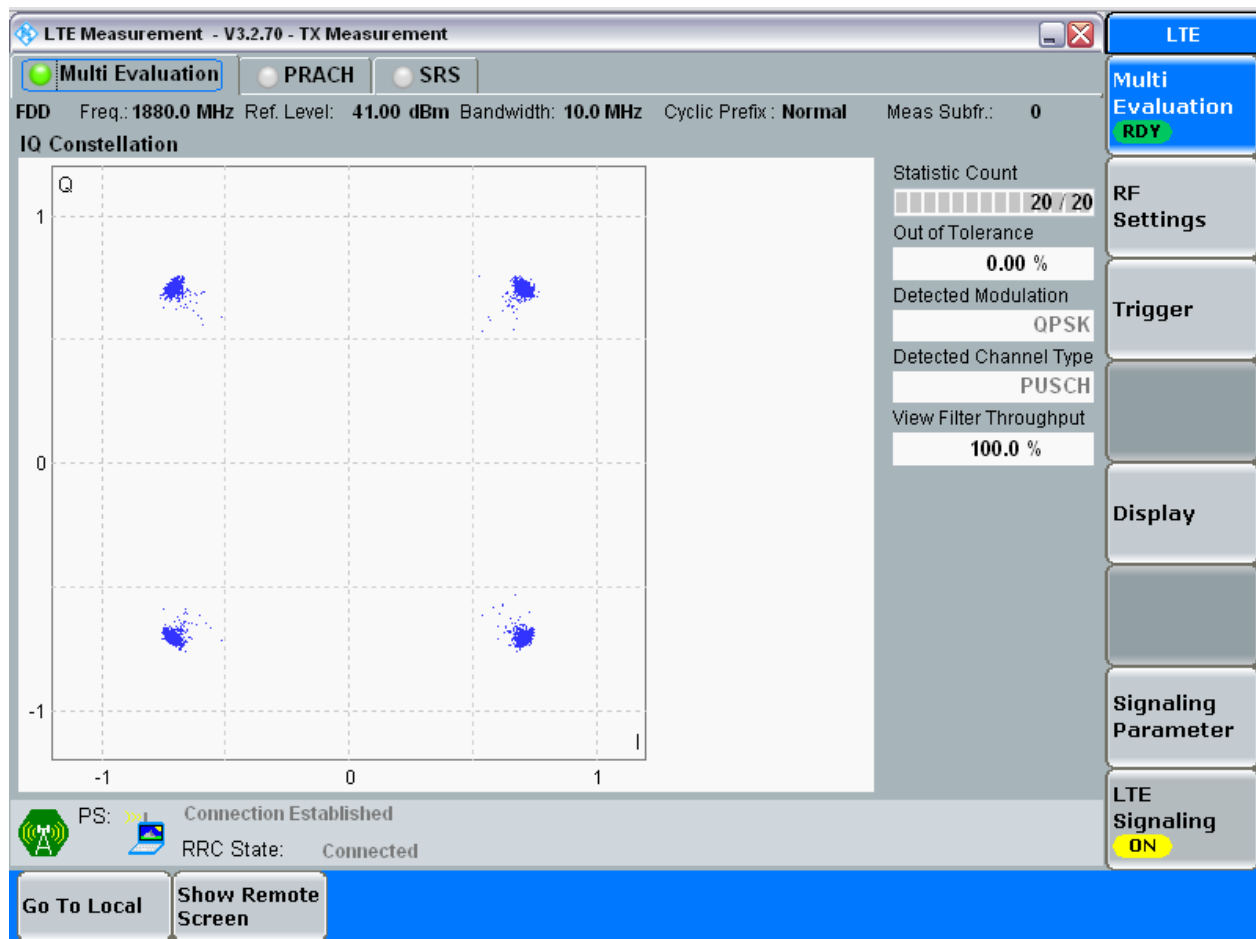
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

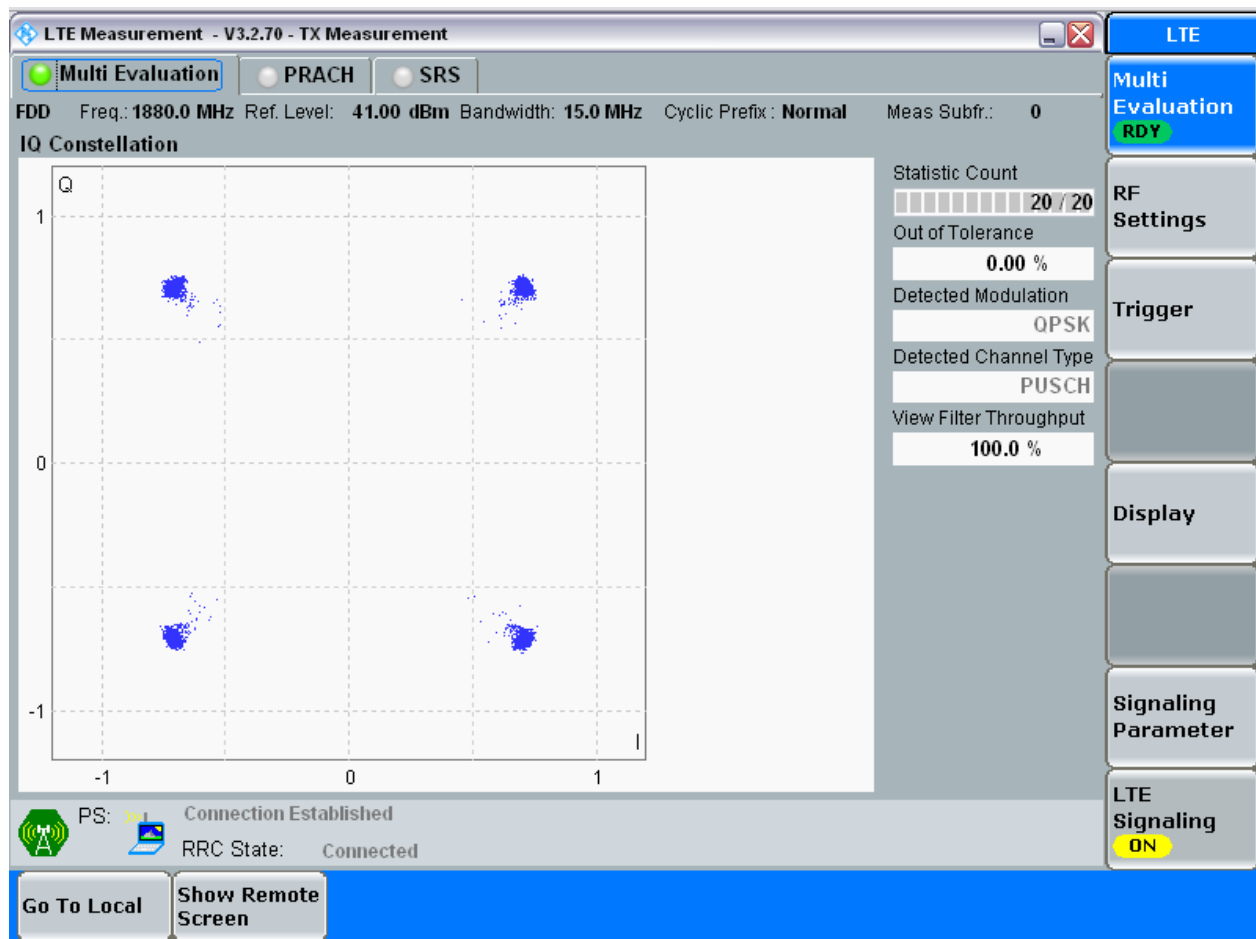
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

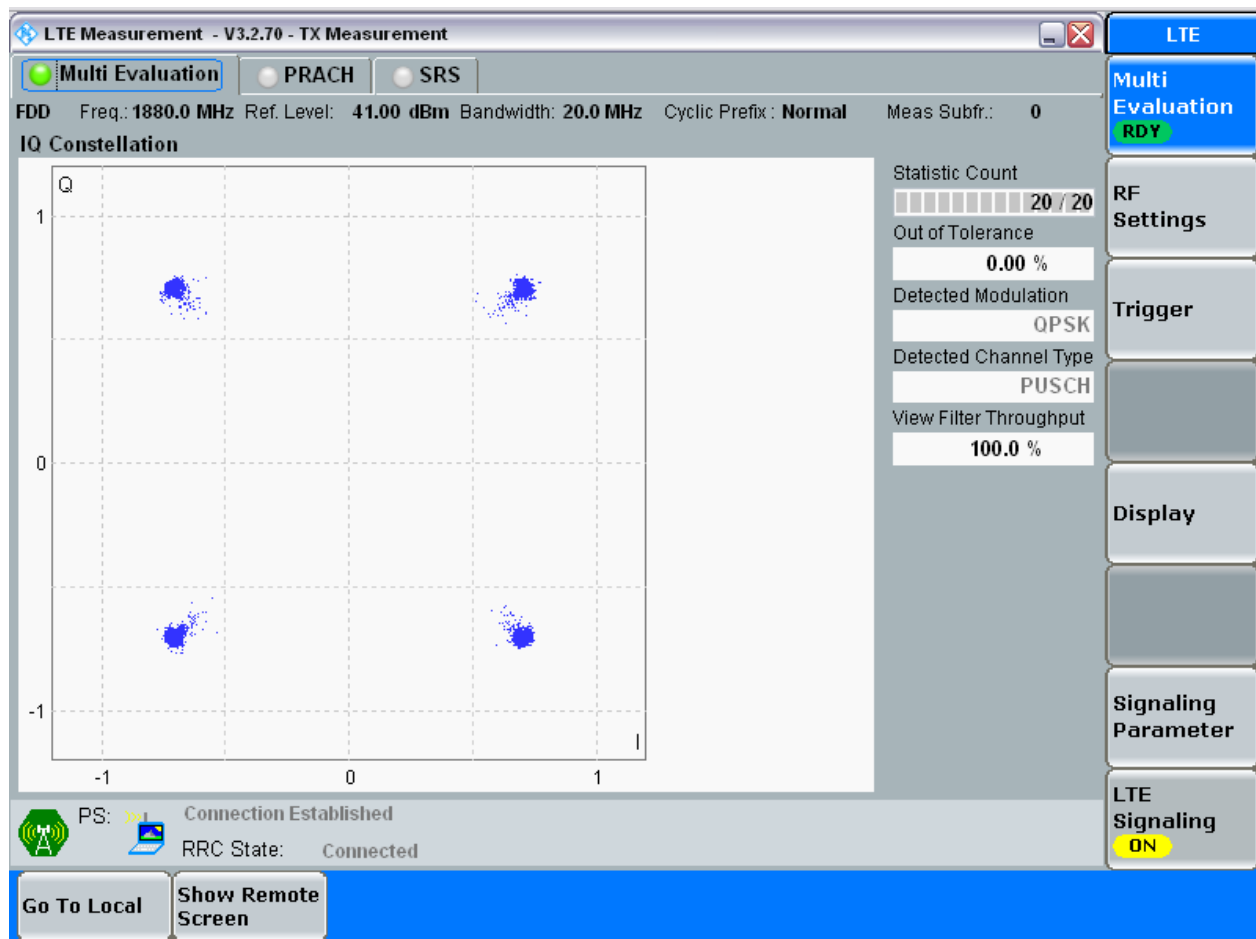
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

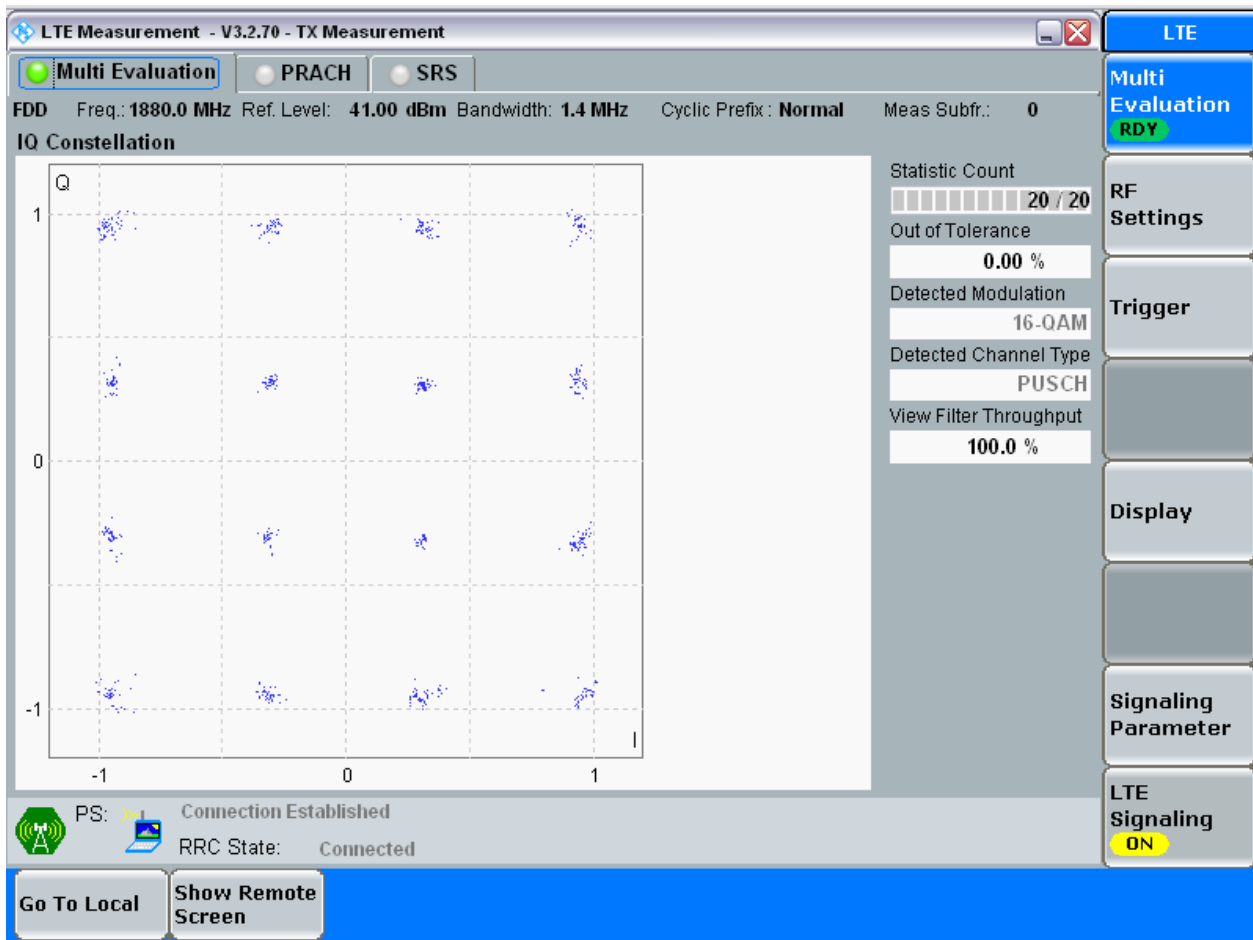


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

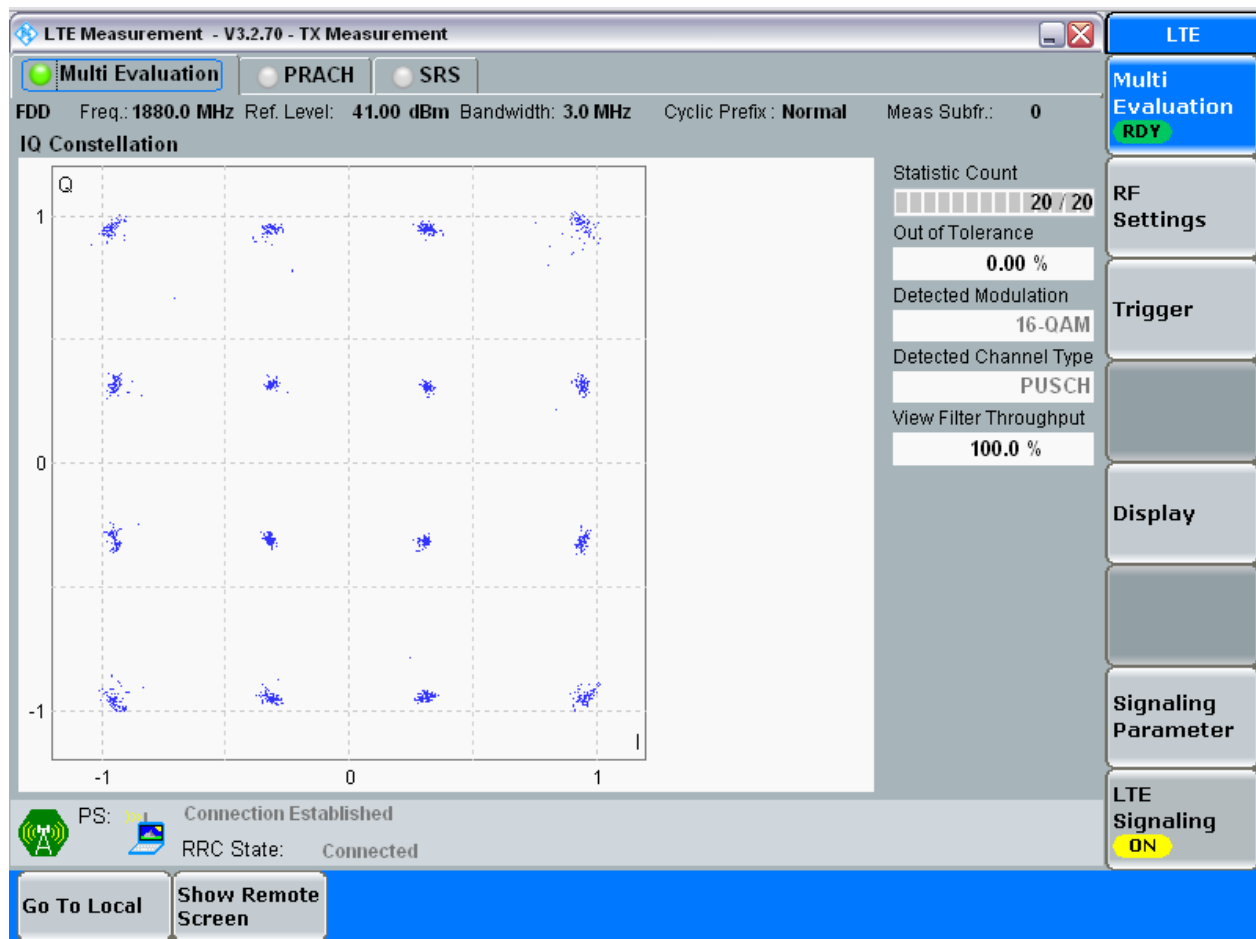
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

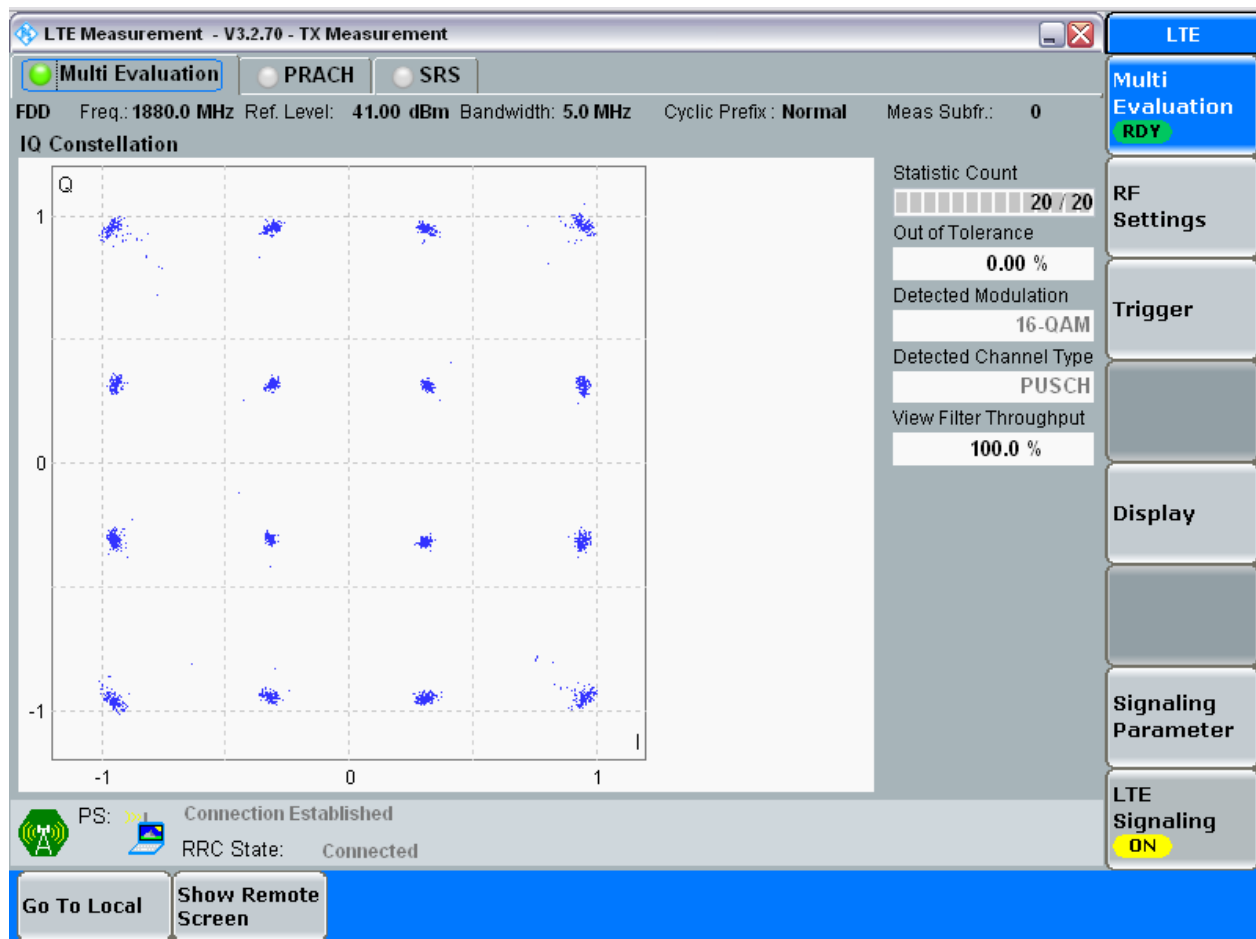
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

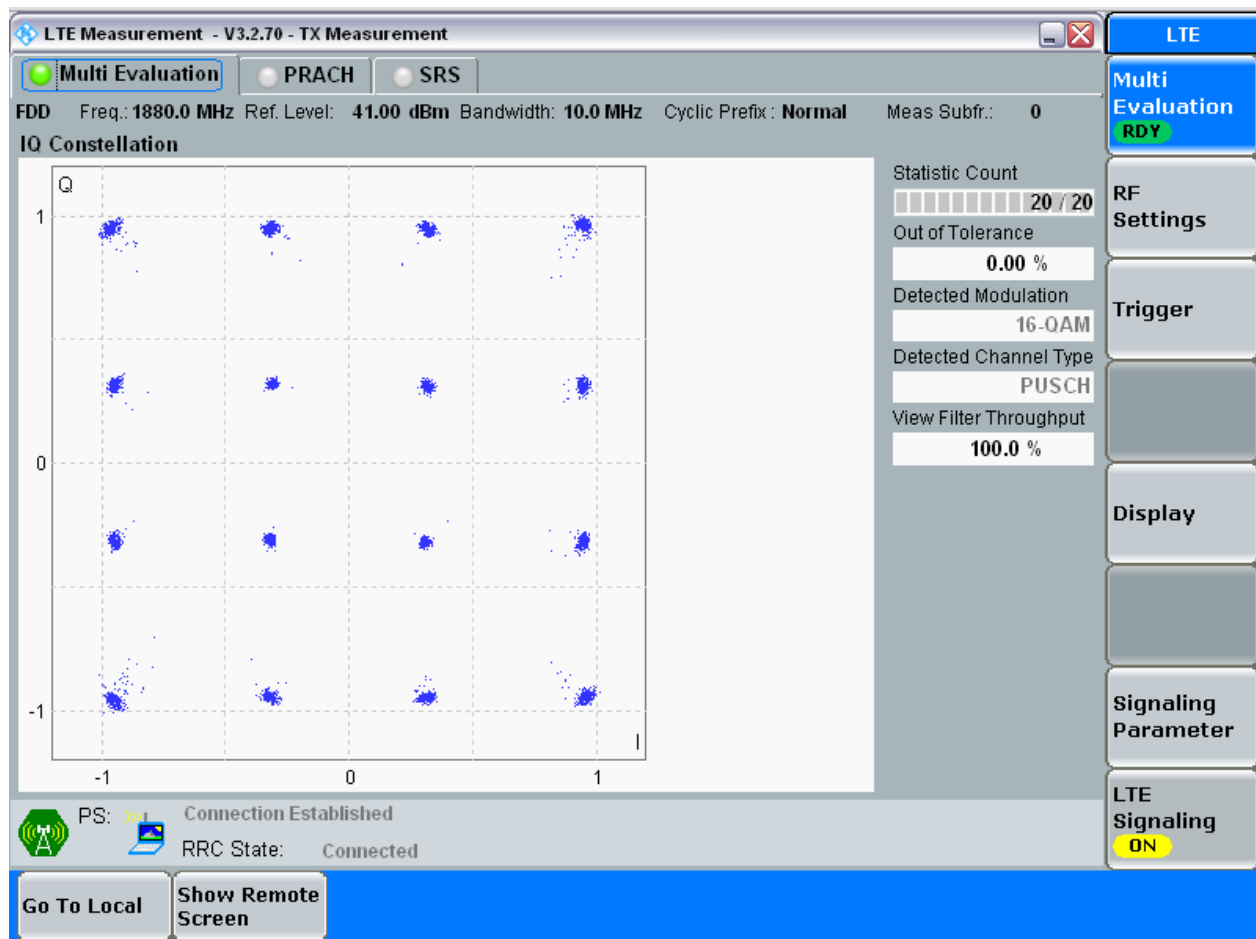
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

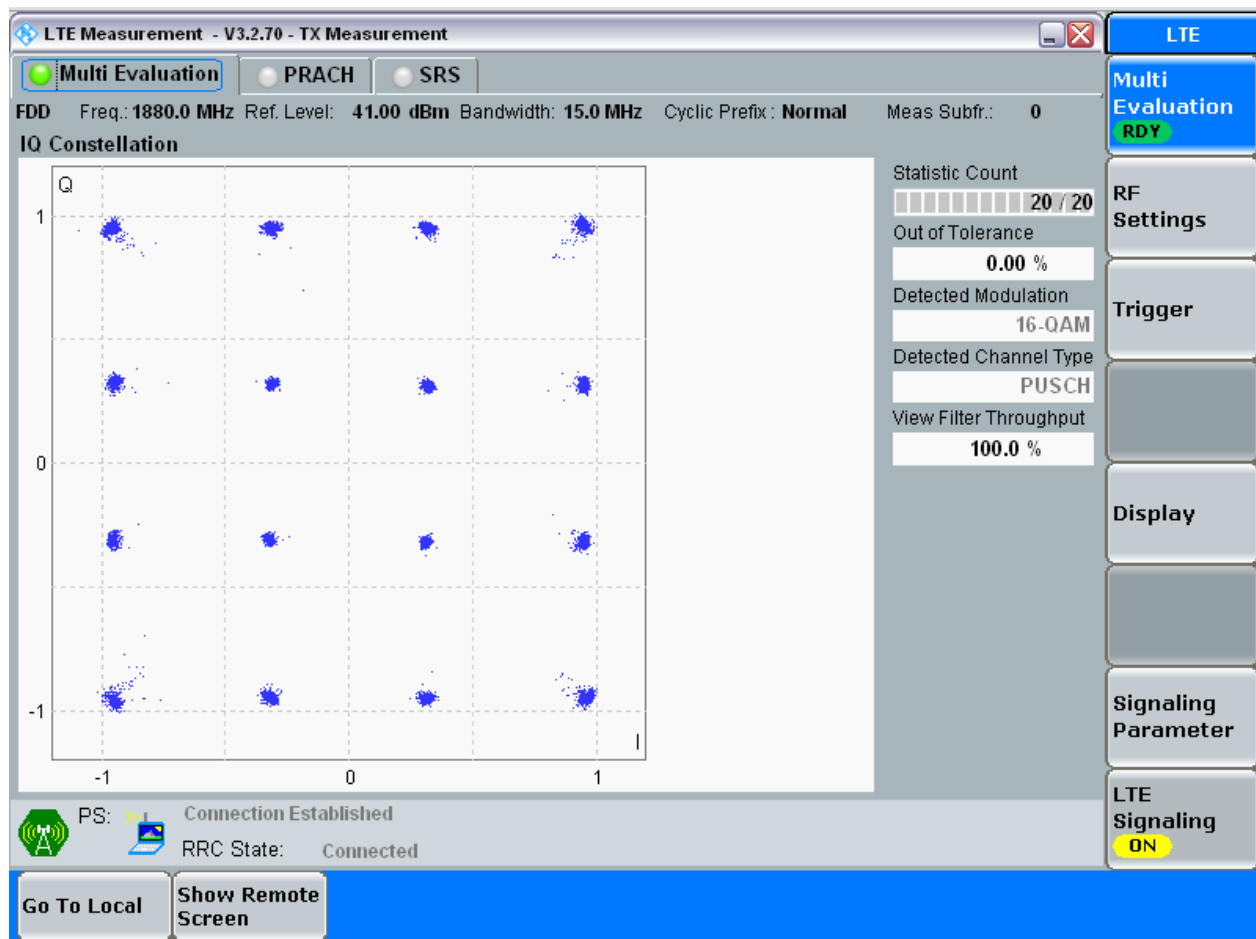
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

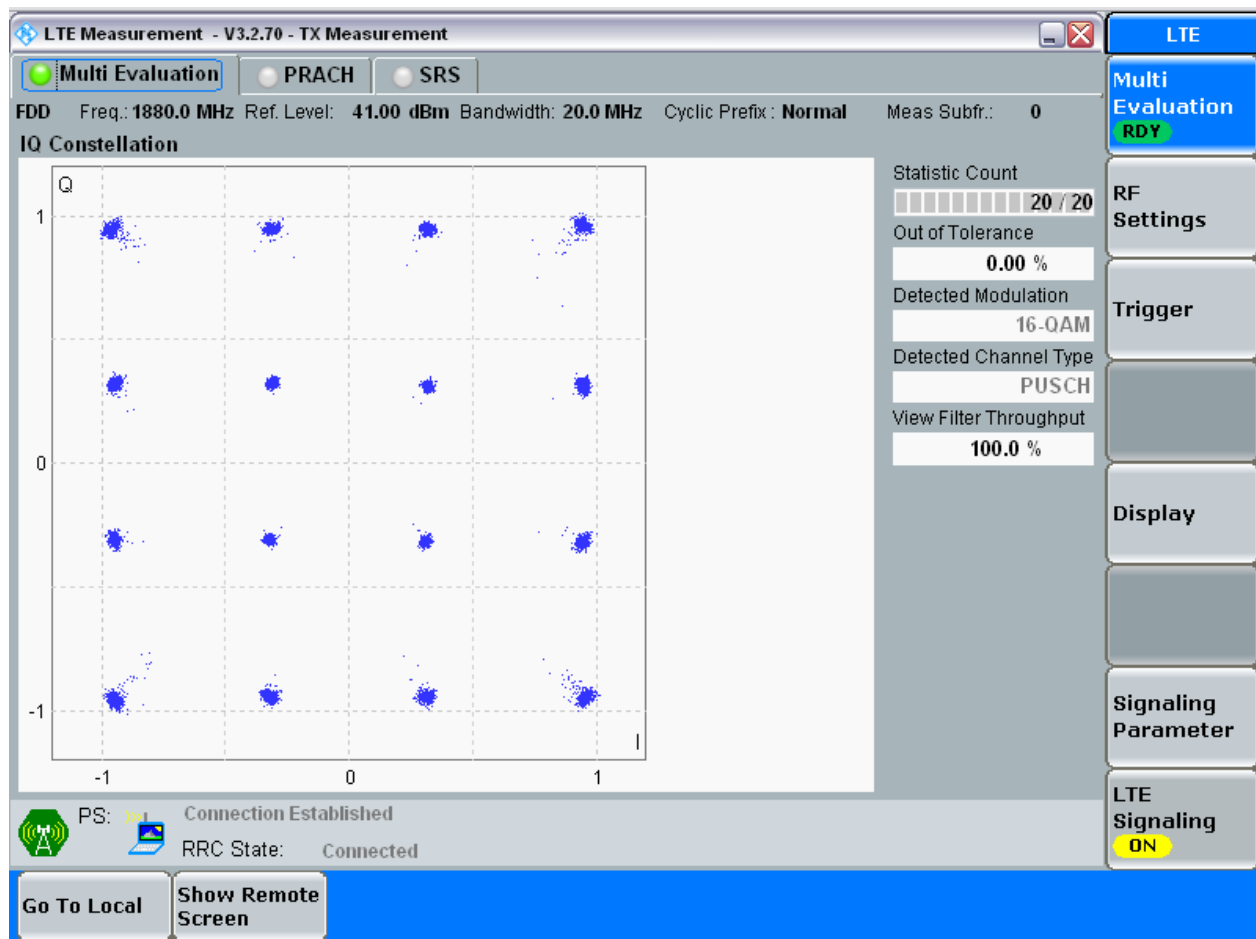
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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 |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| BAND2     | LTE/TM1   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.29                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.30                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.33                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 3.00                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 3.00                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.72                     | 3.00                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.51                     | 4.99                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.53                     | 4.99                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.51                     | 4.99                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.01                     | 10.00                    | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.97                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.99                     | 9.94                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.50                    | 14.87                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.48                    | 14.79                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.47                    | 14.77                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 17.97                    | 19.49                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.93                    | 19.42                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.96                    | 19.61                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.10                     | 1.31                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.31                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.10                     | 1.32                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 3.01                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 3.02                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 3.01                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.52                     | 5.02                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.53                     | 5.02                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.52                     | 5.05                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.02                     | 9.99                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 10.02                    | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.93                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.49                    | 14.78                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.47                    | 14.78                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.44                    | 14.75                    | Pass    |



| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
|           |           | 20             | LCH          | RB100#0 | 17.97                    | 19.57                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.93                    | 19.54                    | Pass    |
|           |           |                | HCH          | RB100#0 | 17.91                    | 19.59                    | Pass    |



## Part II - Test Plots

### 4.1 For LTE

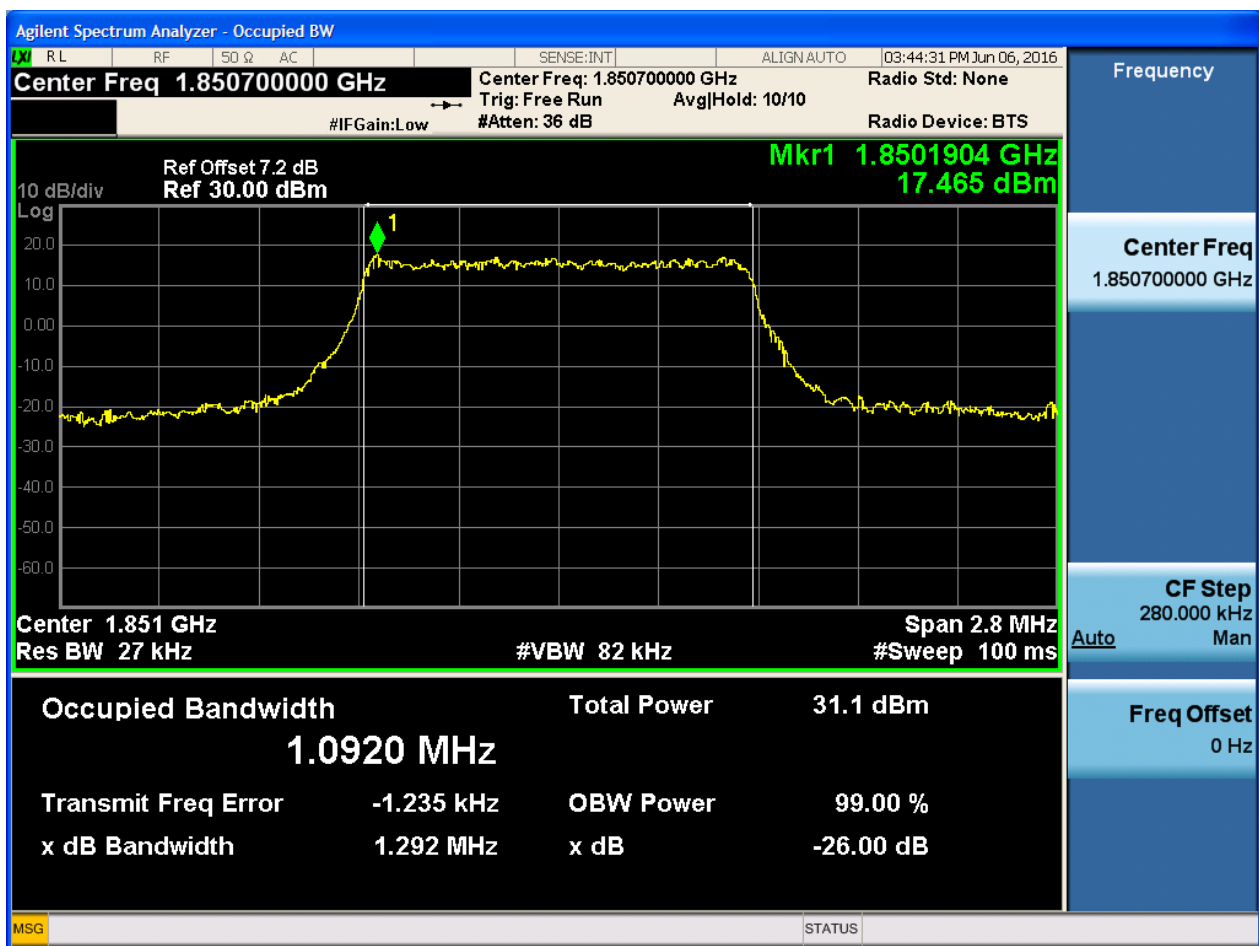
#### 4.1.1 Test Band = BAND2

##### 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

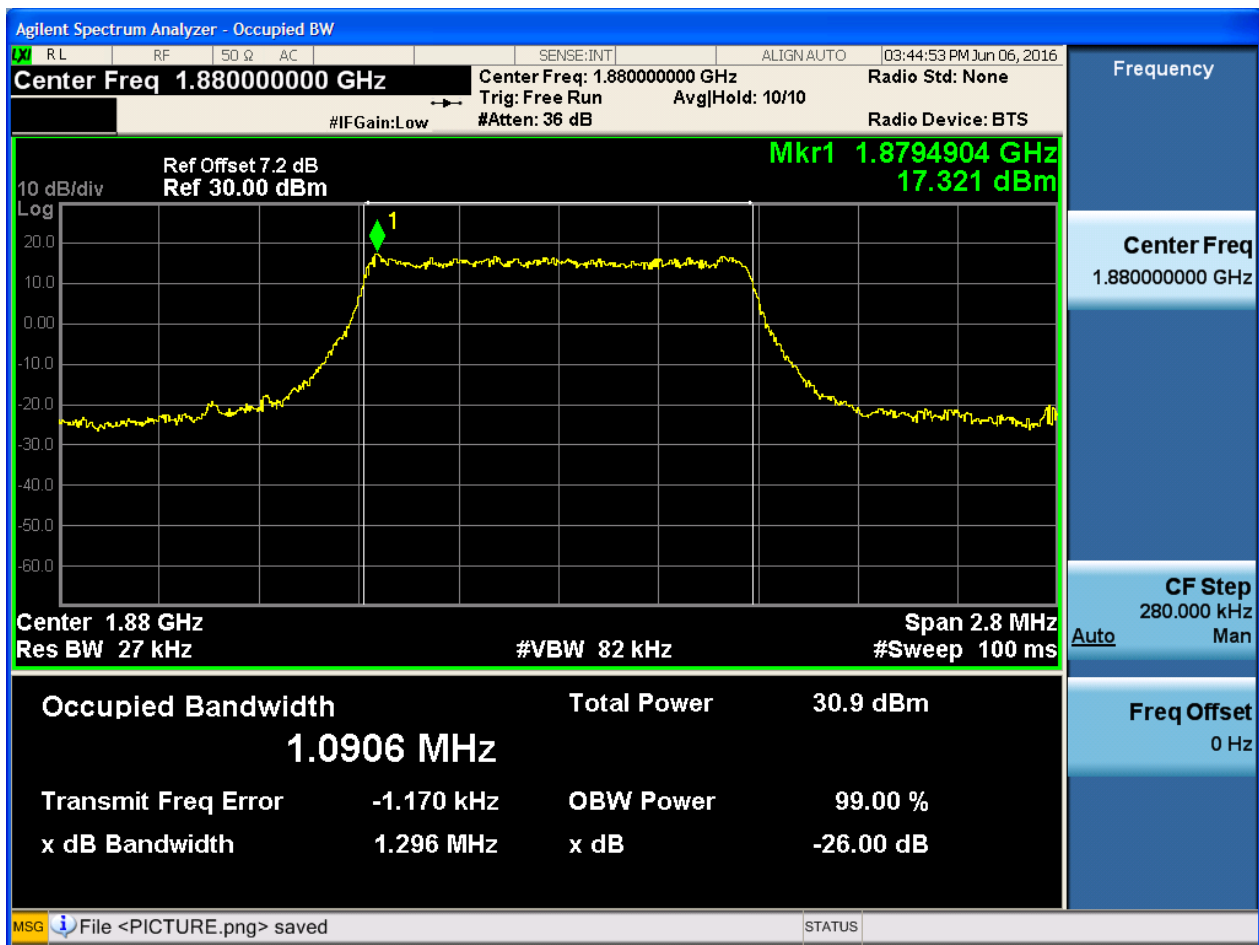
##### 4.1.1.1.1.1.1 Test RB = RB6#0





## 4.1.1.1.1.2 Test Channel = MCH

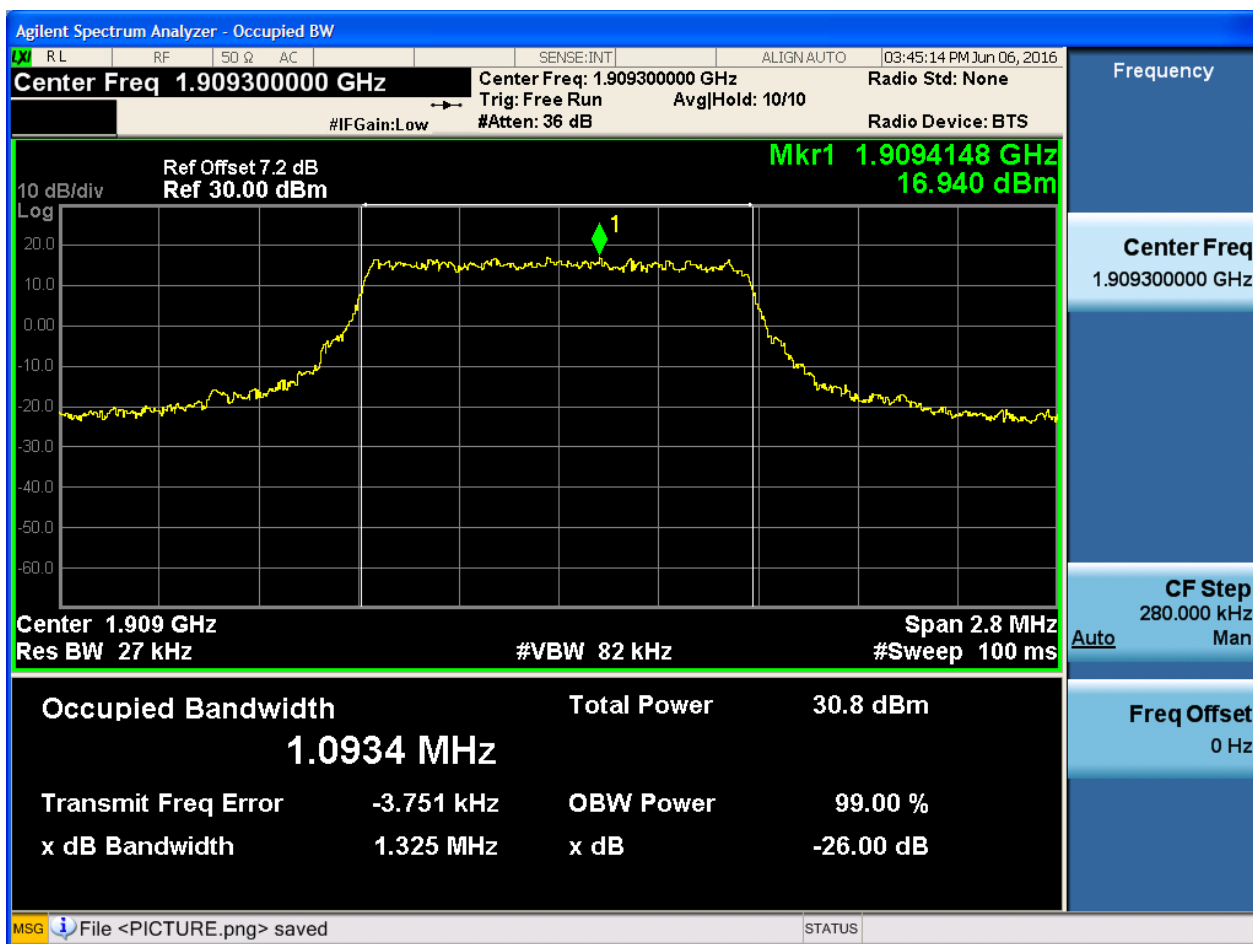
## 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

## 4.1.1.1.1.3.1 Test RB = RB6#0

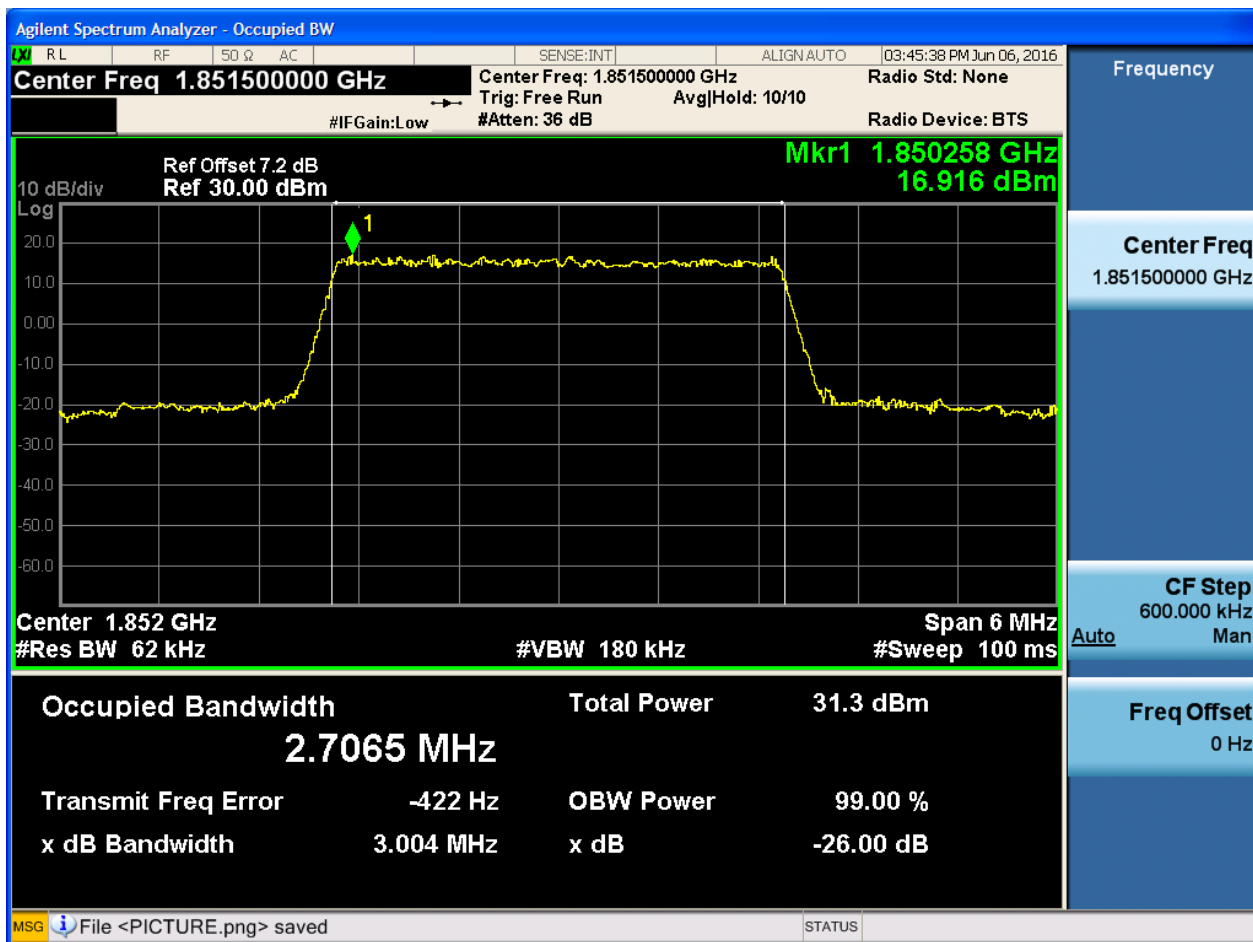




## 4.1.1.1.2 Test Bandwidth = 3

## 4.1.1.1.2.1 Test Channel = LCH

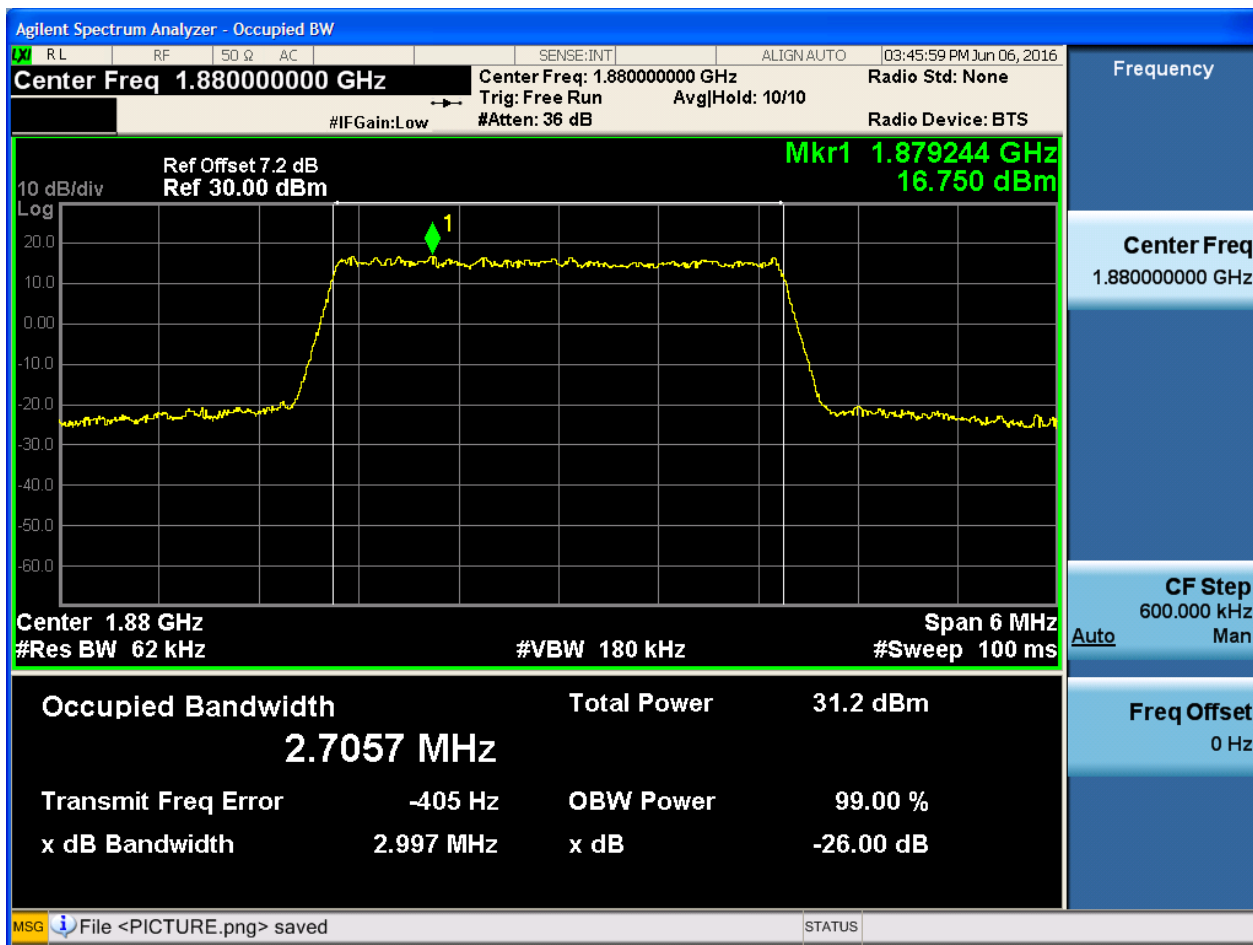
## 4.1.1.1.2.1.1 Test RB = RB15#0





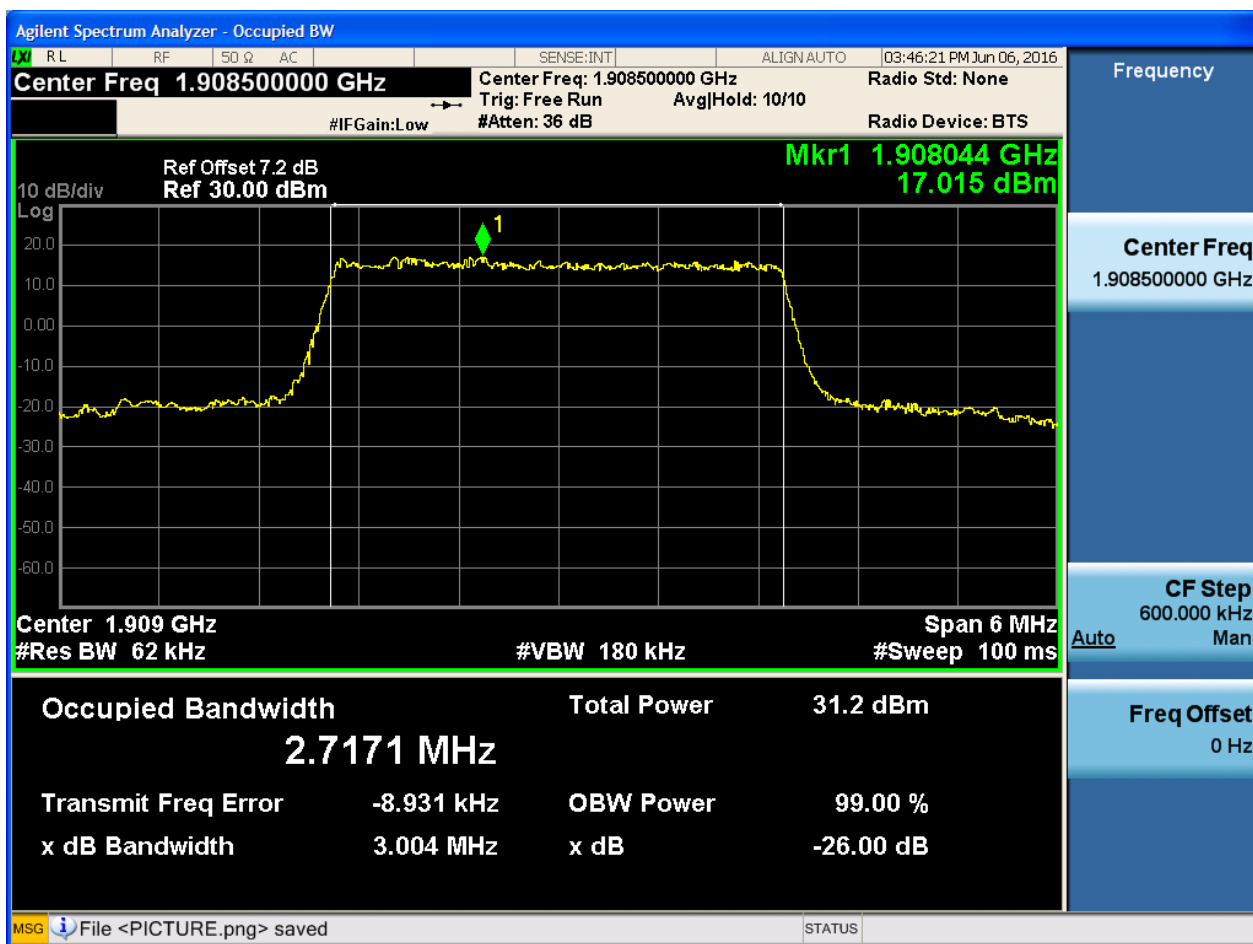
## 4.1.1.1.2.2 Test Channel = MCH

## 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

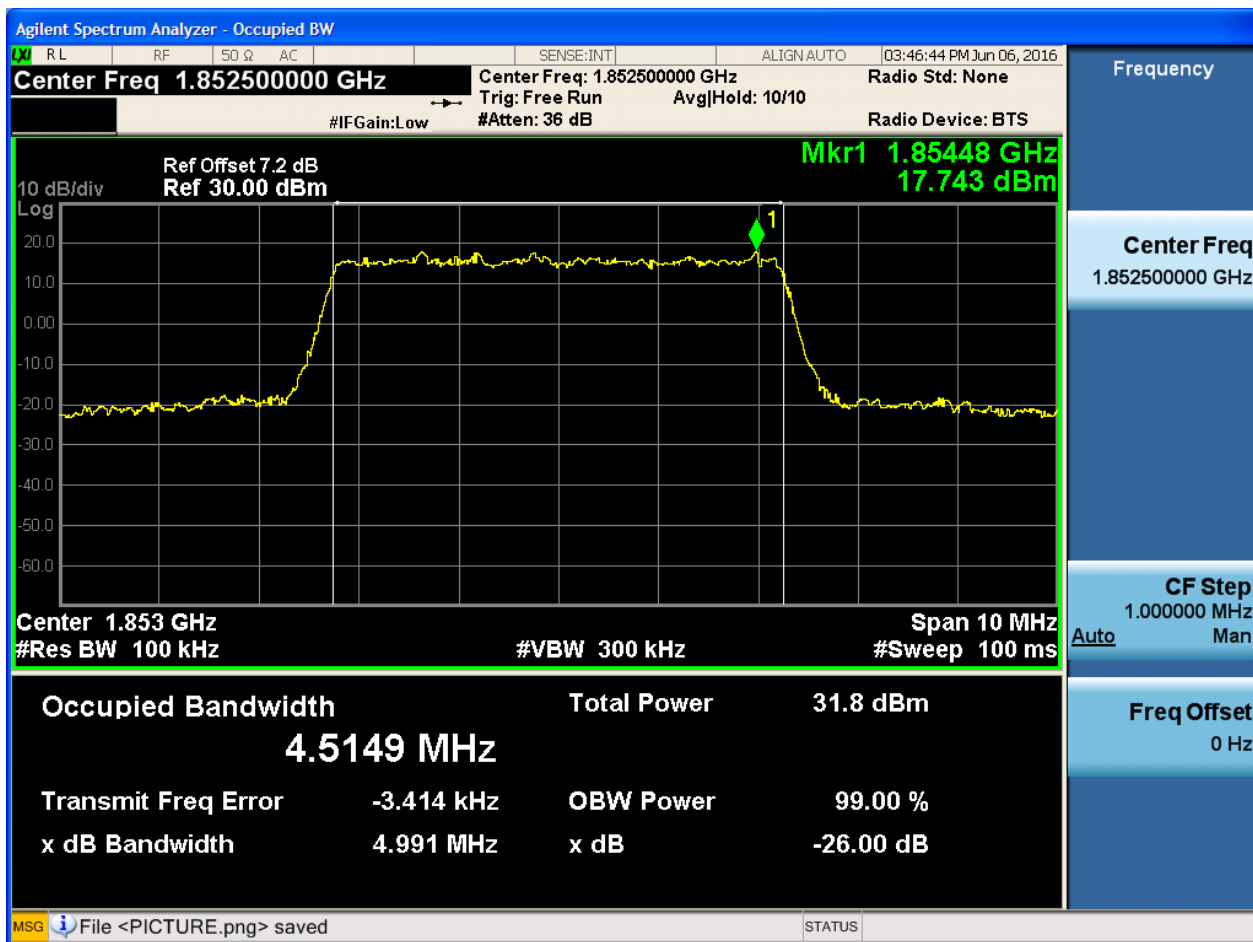




## 4.1.1.1.3 Test Bandwidth = 5

## 4.1.1.1.3.1 Test Channel = LCH

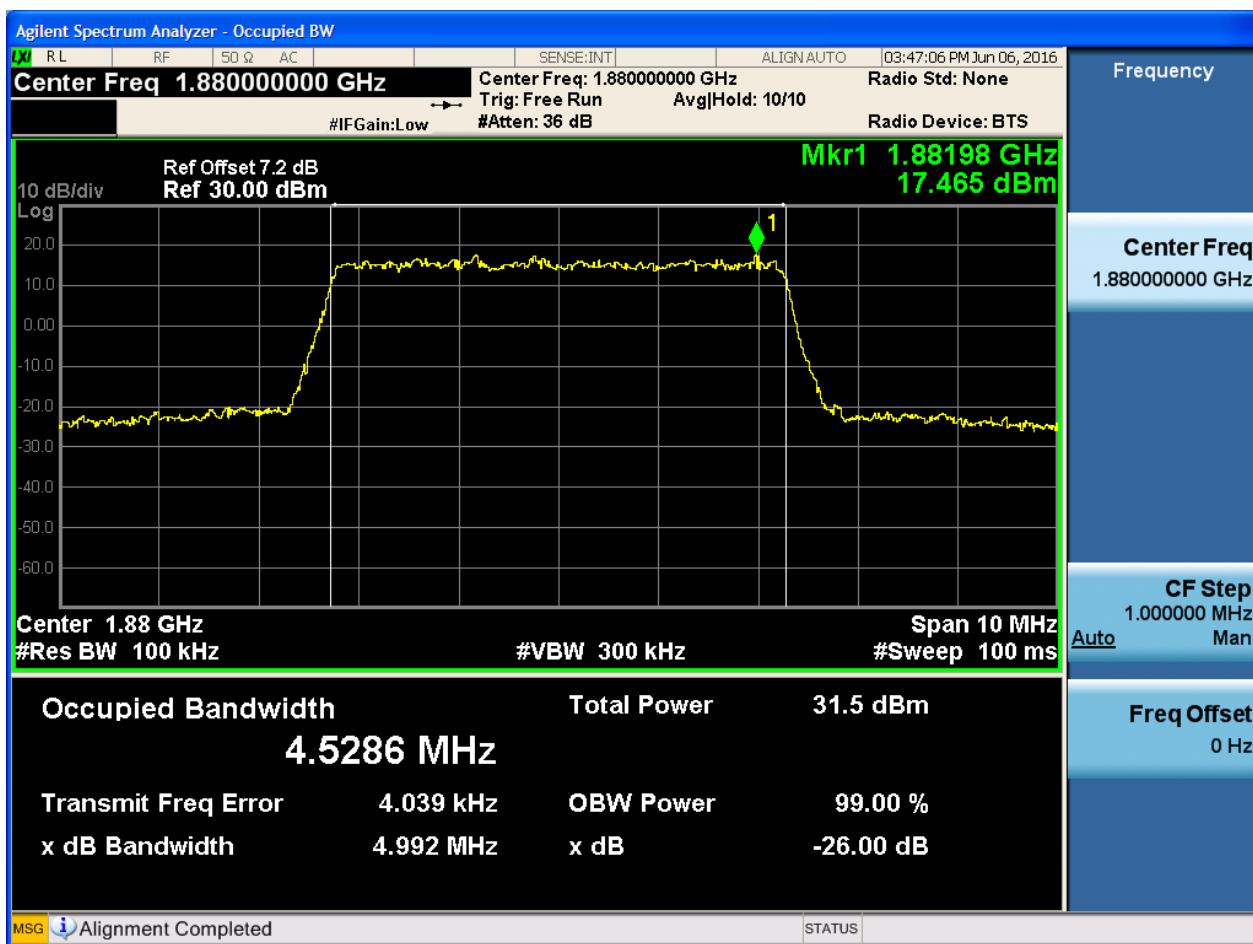
## 4.1.1.1.3.1.1 Test RB = RB25#0





## 4.1.1.1.3.2 Test Channel = MCH

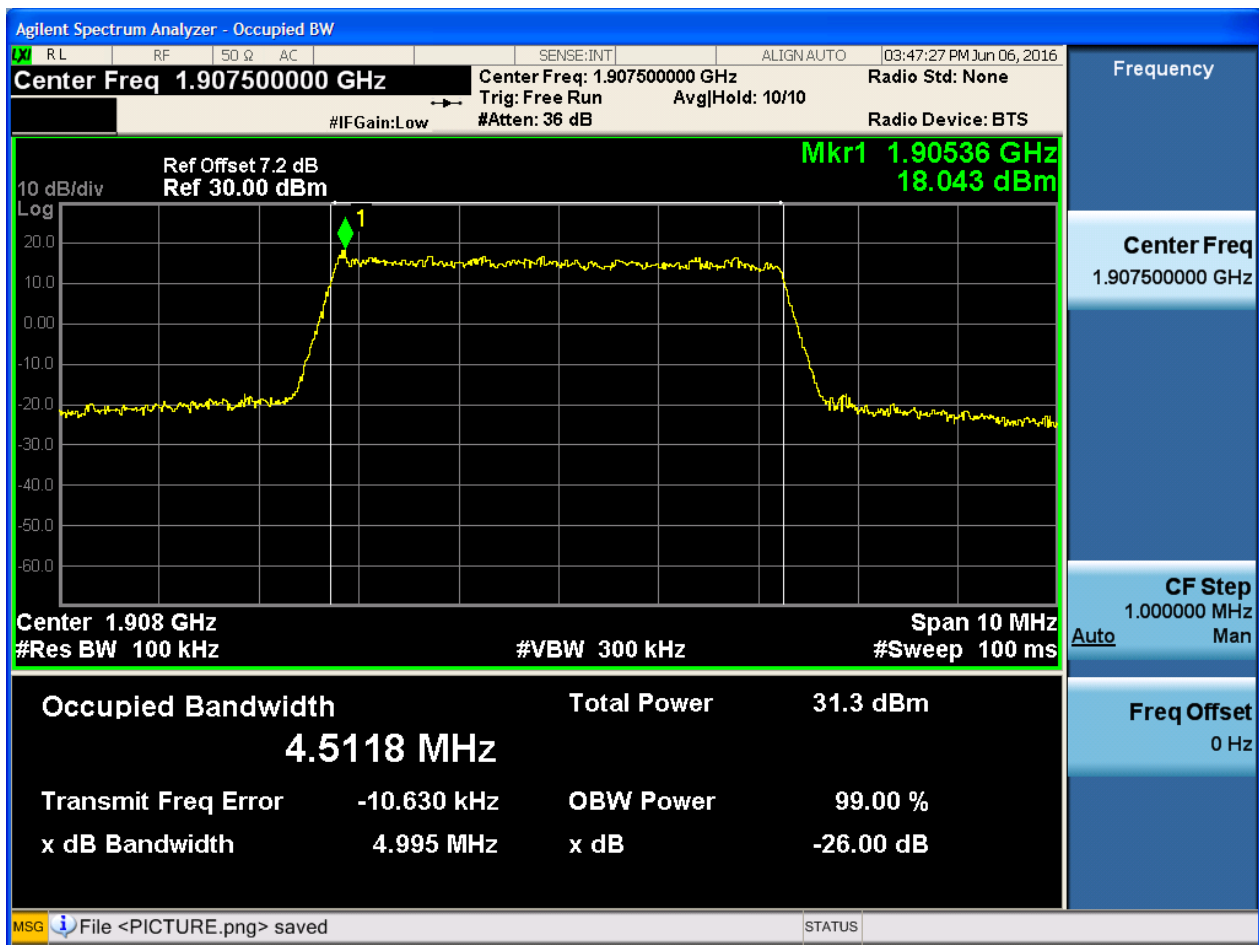
## 4.1.1.1.3.2.1 Test RB = RB25#0





## 4.1.1.1.3.3 Test Channel = HCH

## 4.1.1.1.3.3.1 Test RB = RB25#0

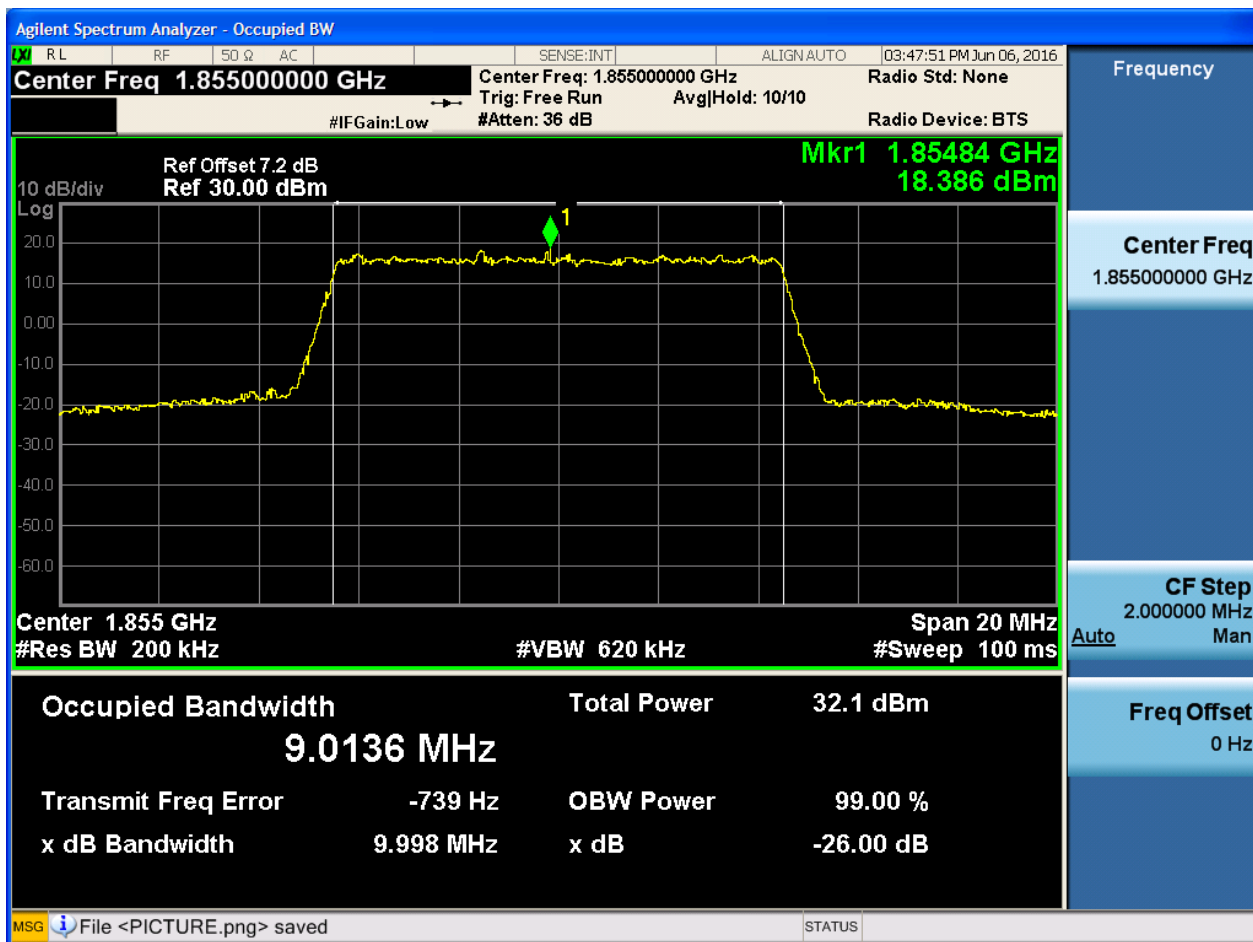




## 4.1.1.1.4 Test Bandwidth = 10

## 4.1.1.1.4.1 Test Channel = LCH

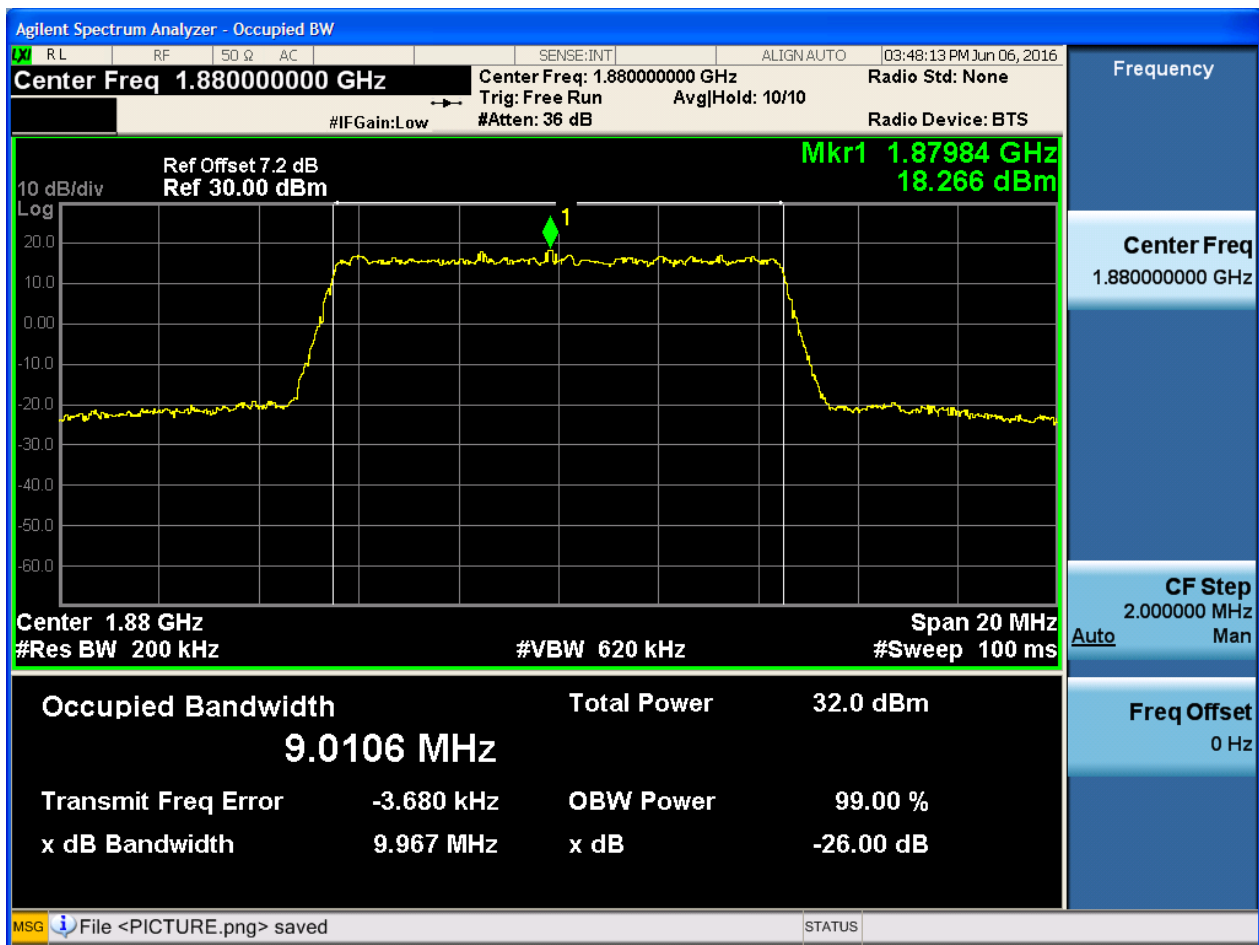
## 4.1.1.1.4.1.1 Test RB = RB50#0





## 4.1.1.1.4.2 Test Channel = MCH

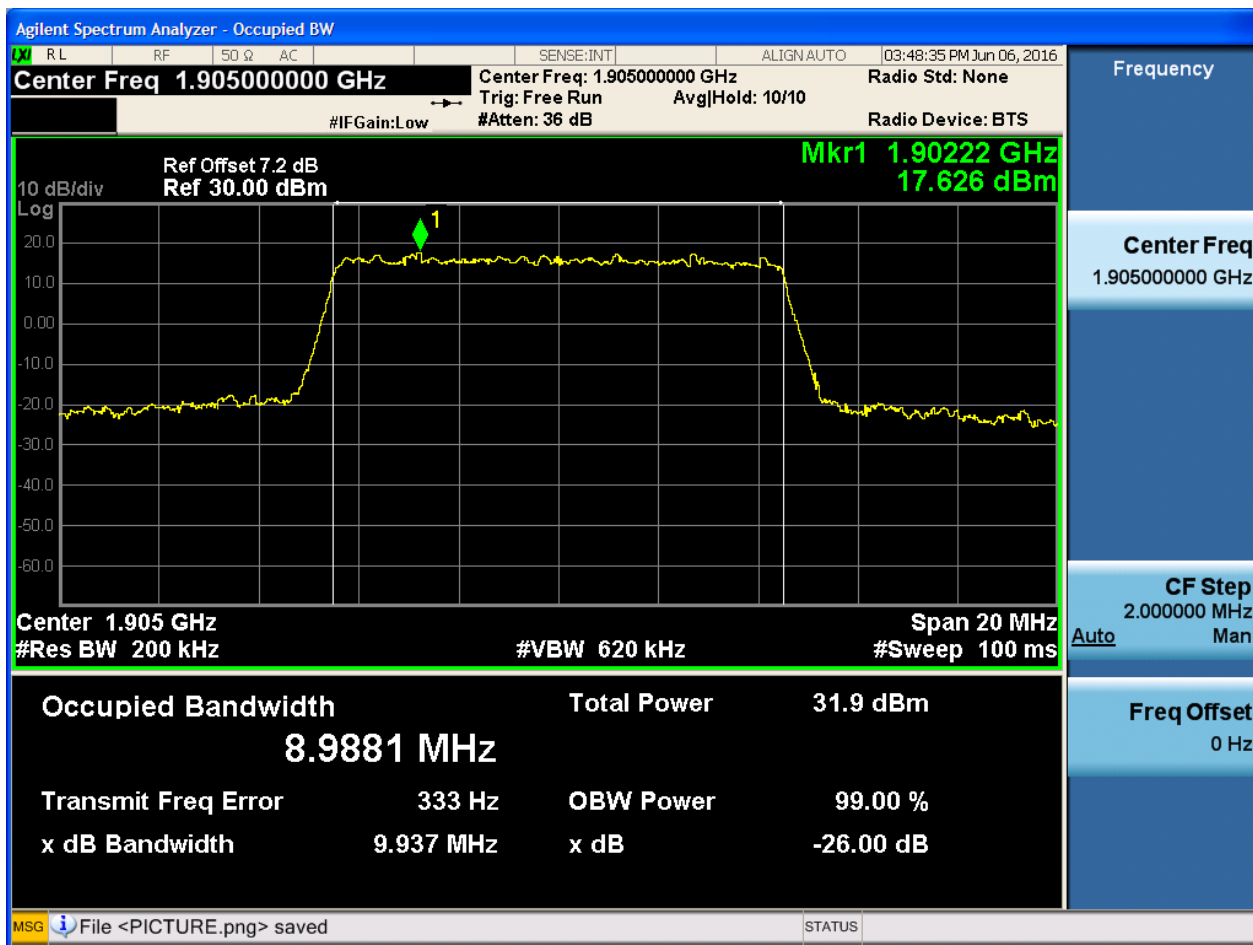
## 4.1.1.1.4.2.1 Test RB = RB50#0





## 4.1.1.1.4.3 Test Channel = HCH

## 4.1.1.1.4.3.1 Test RB = RB50#0

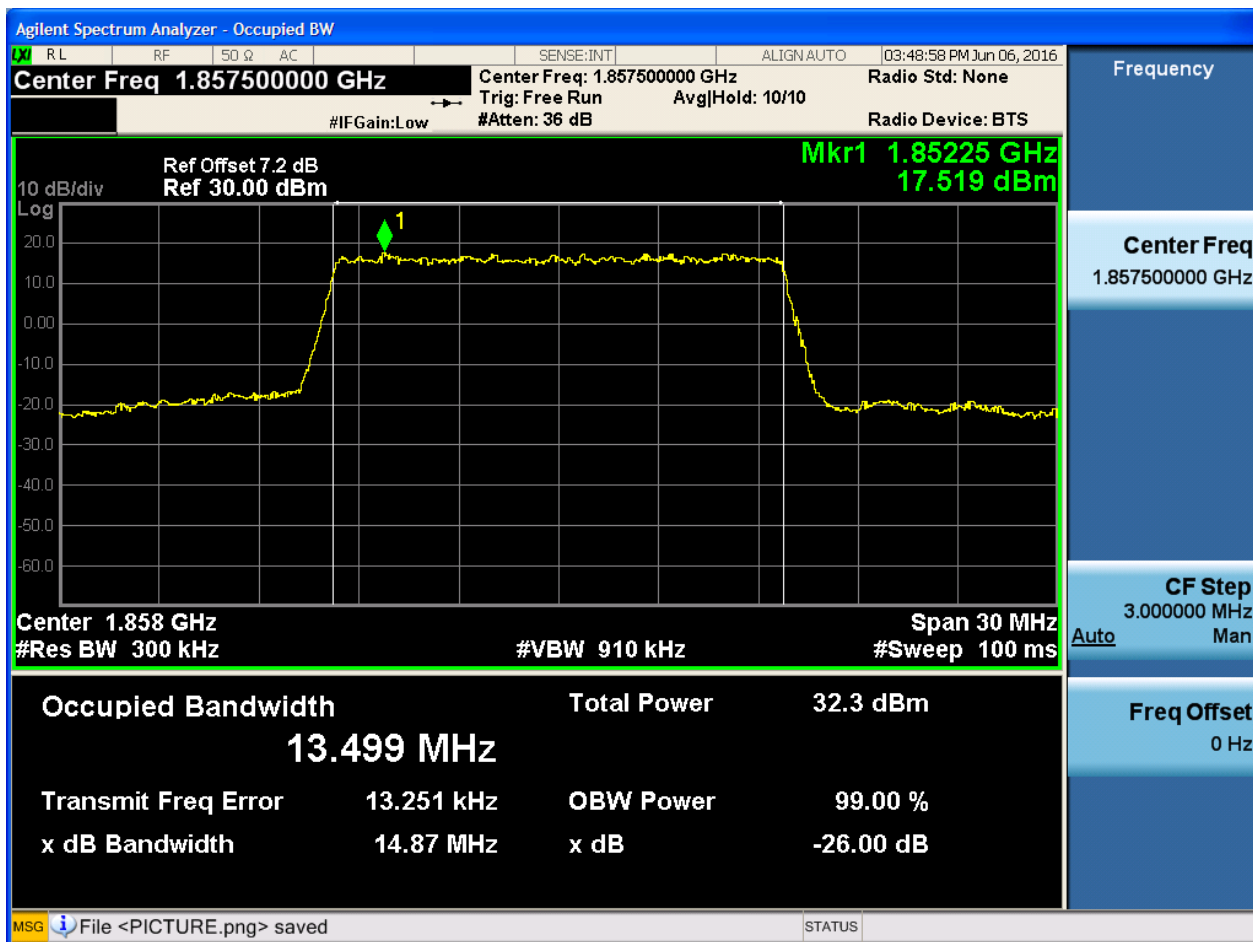




## 4.1.1.1.5 Test Bandwidth = 15

## 4.1.1.1.5.1 Test Channel = LCH

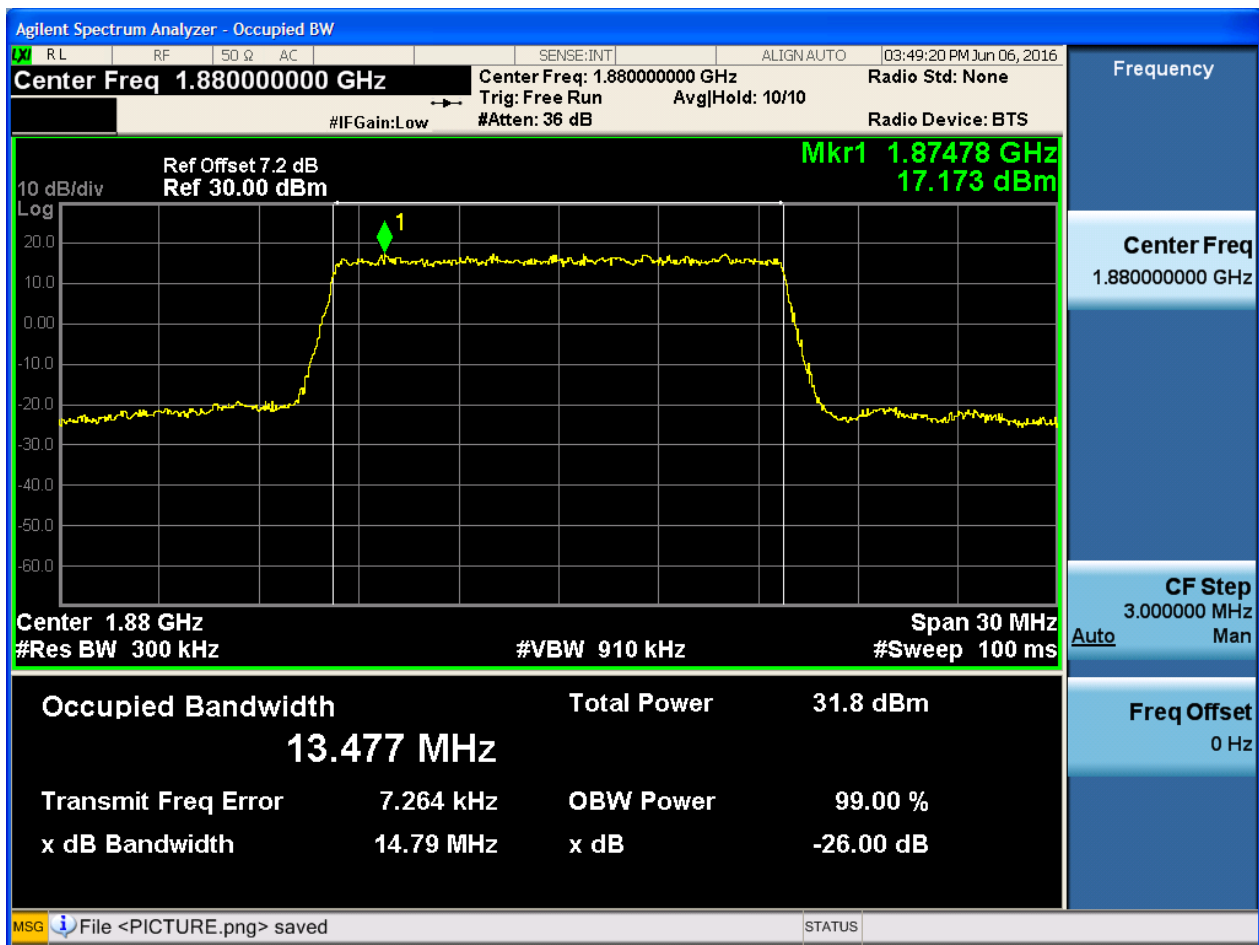
## 4.1.1.1.5.1.1 Test RB = RB75#0





## 4.1.1.1.5.2 Test Channel = MCH

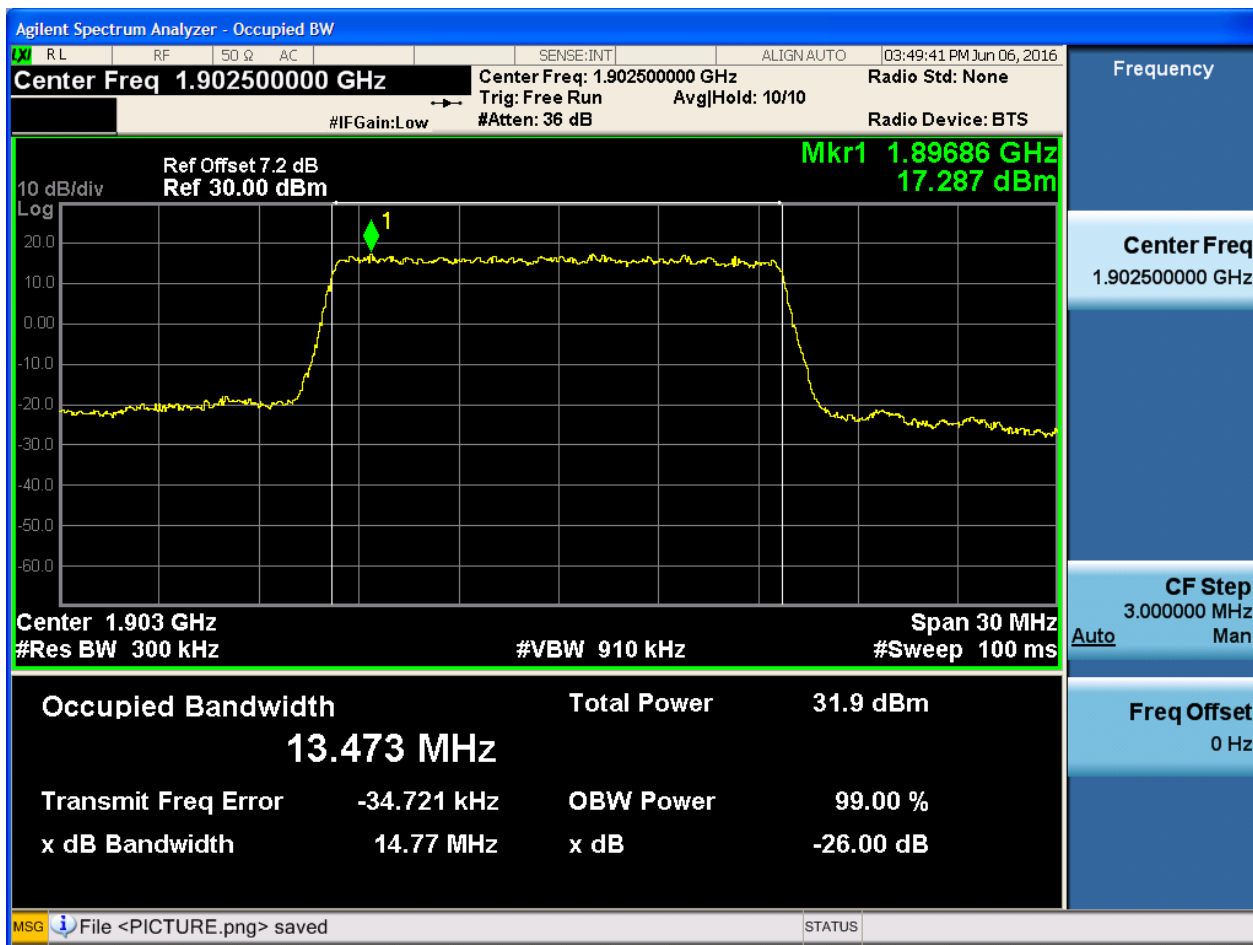
## 4.1.1.1.5.2.1 Test RB = RB75#0





## 4.1.1.1.5.3 Test Channel = HCH

## 4.1.1.1.5.3.1 Test RB = RB75#0

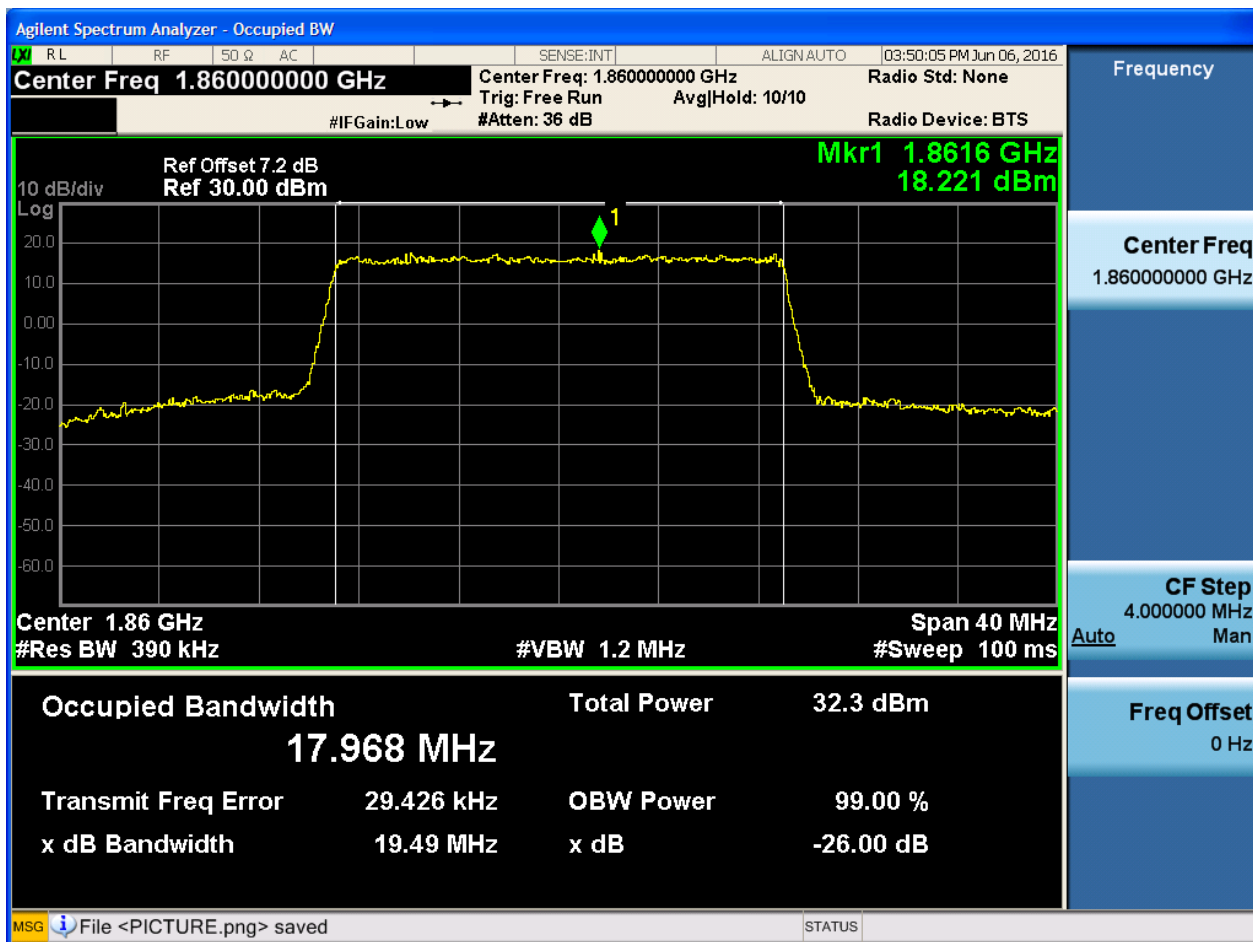




## 4.1.1.1.6 Test Bandwidth = 20

## 4.1.1.1.6.1 Test Channel = LCH

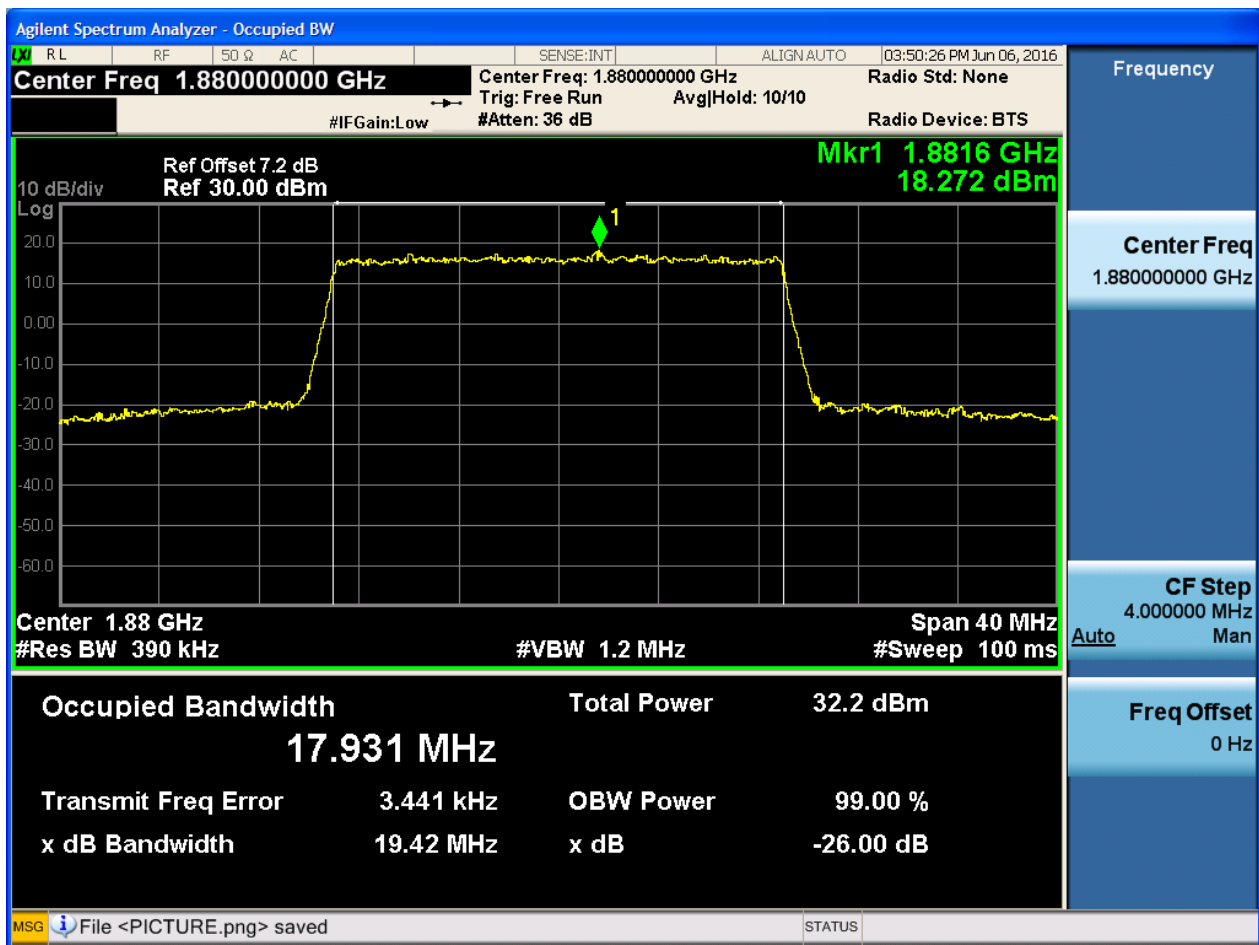
## 4.1.1.1.6.1.1 Test RB = RB100#0





## 4.1.1.1.6.2 Test Channel = MCH

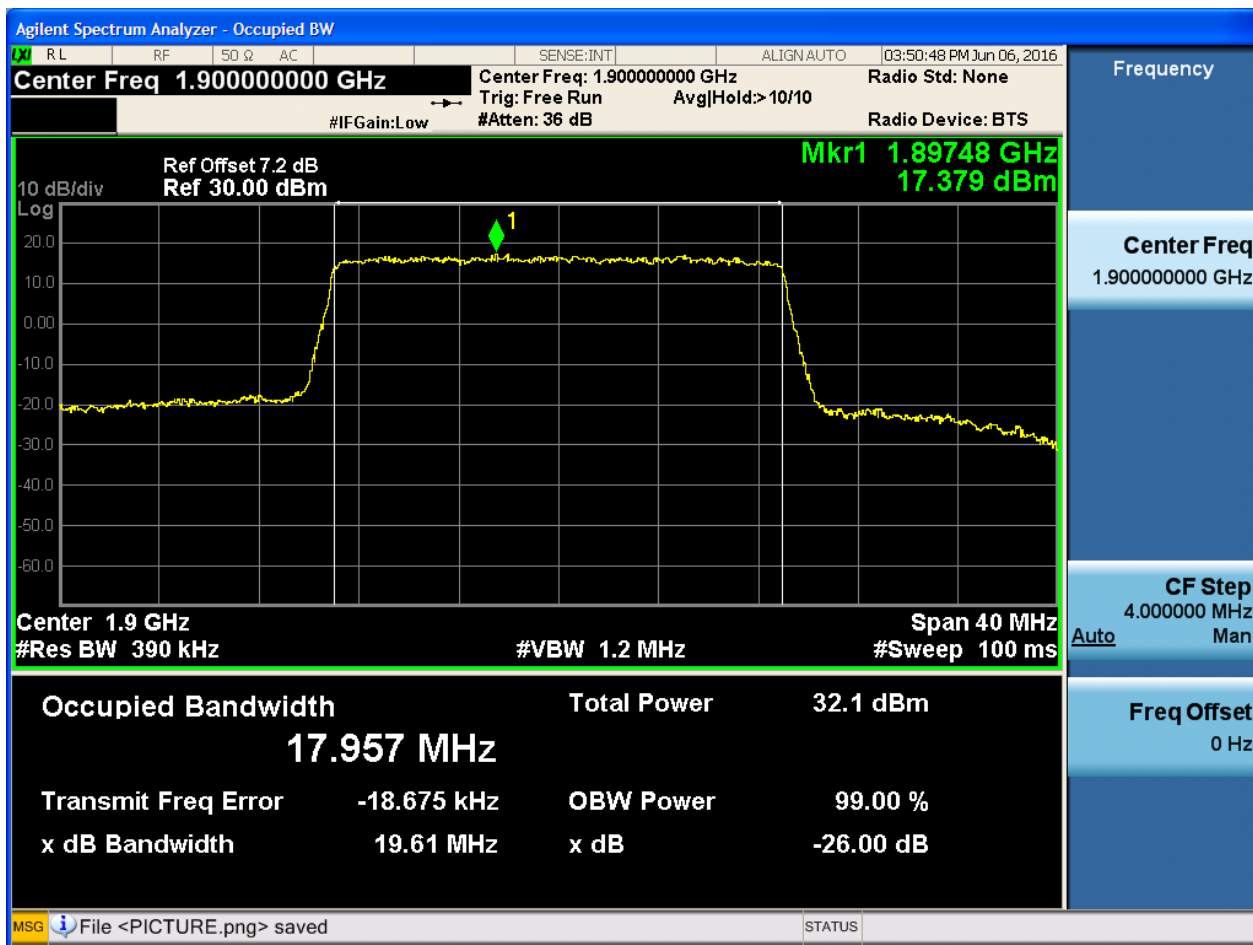
## 4.1.1.1.6.2.1 Test RB = RB100#0





## 4.1.1.1.6.3 Test Channel = HCH

## 4.1.1.1.6.3.1 Test RB = RB100#0



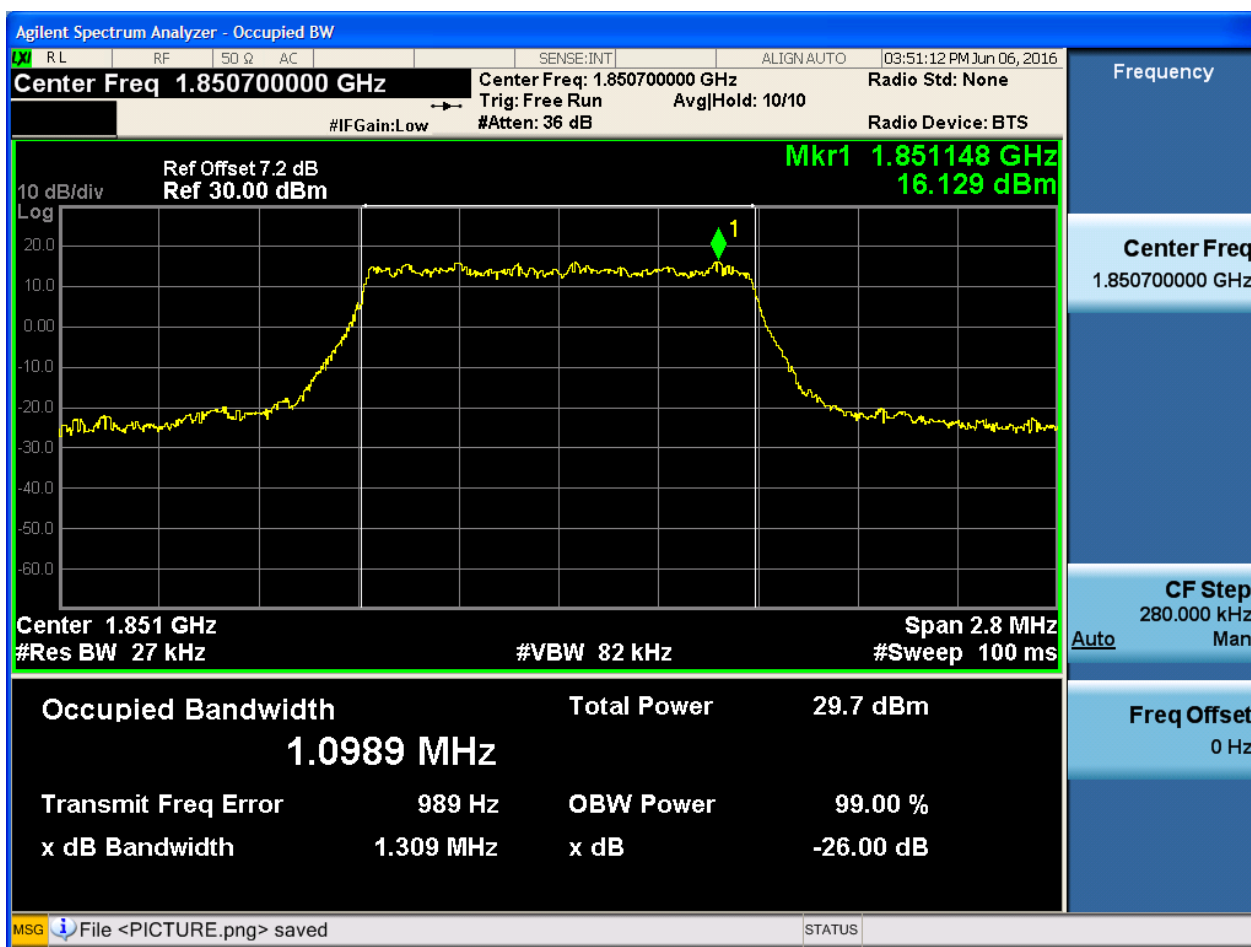


## 4.1.1.2 Test Mode = LTE/TM2

## 4.1.1.2.1 Test Bandwidth = 1.4

## 4.1.1.2.1.1 Test Channel = LCH

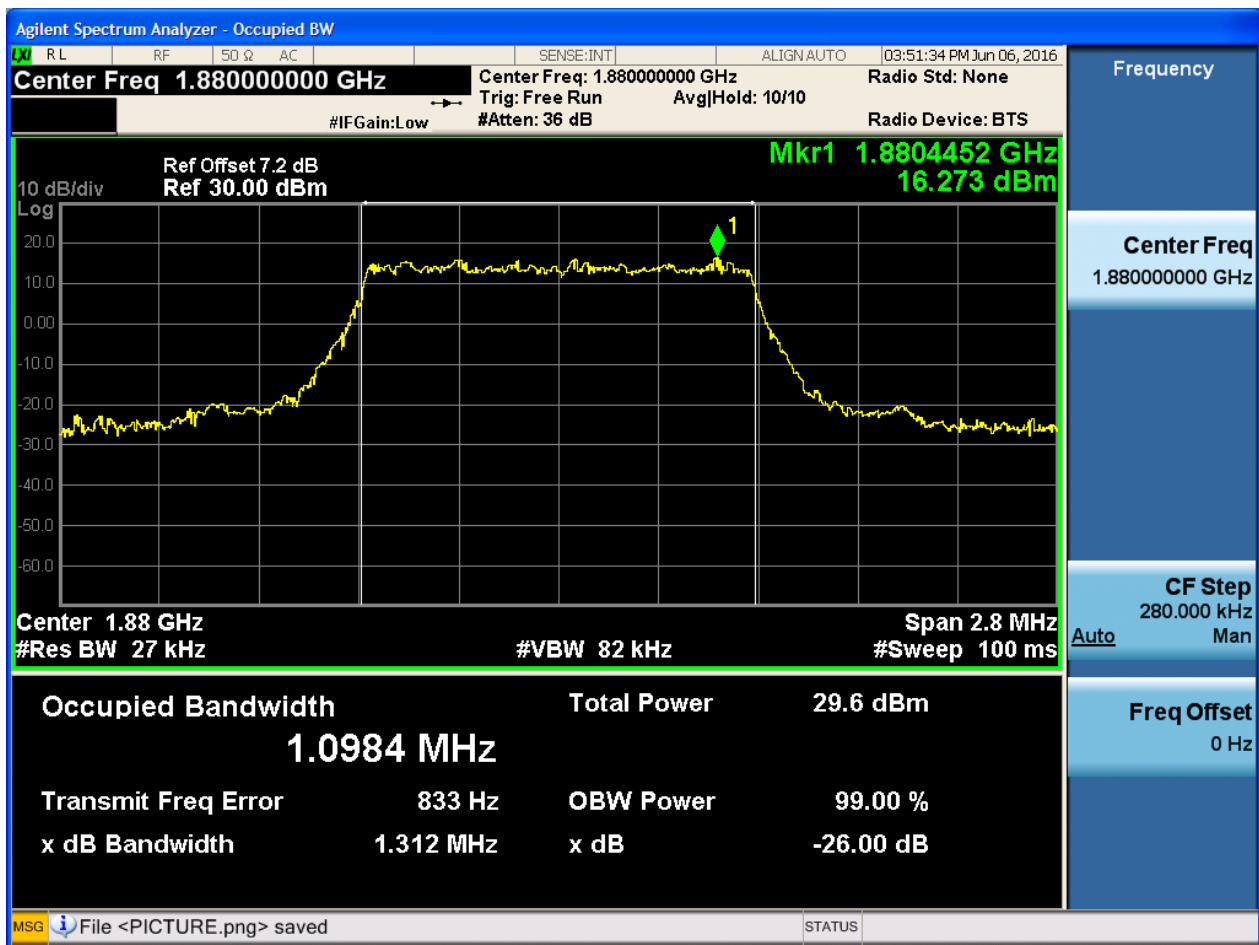
## 4.1.1.2.1.1.1 Test RB = RB6#0





## 4.1.1.2.1.2 Test Channel = MCH

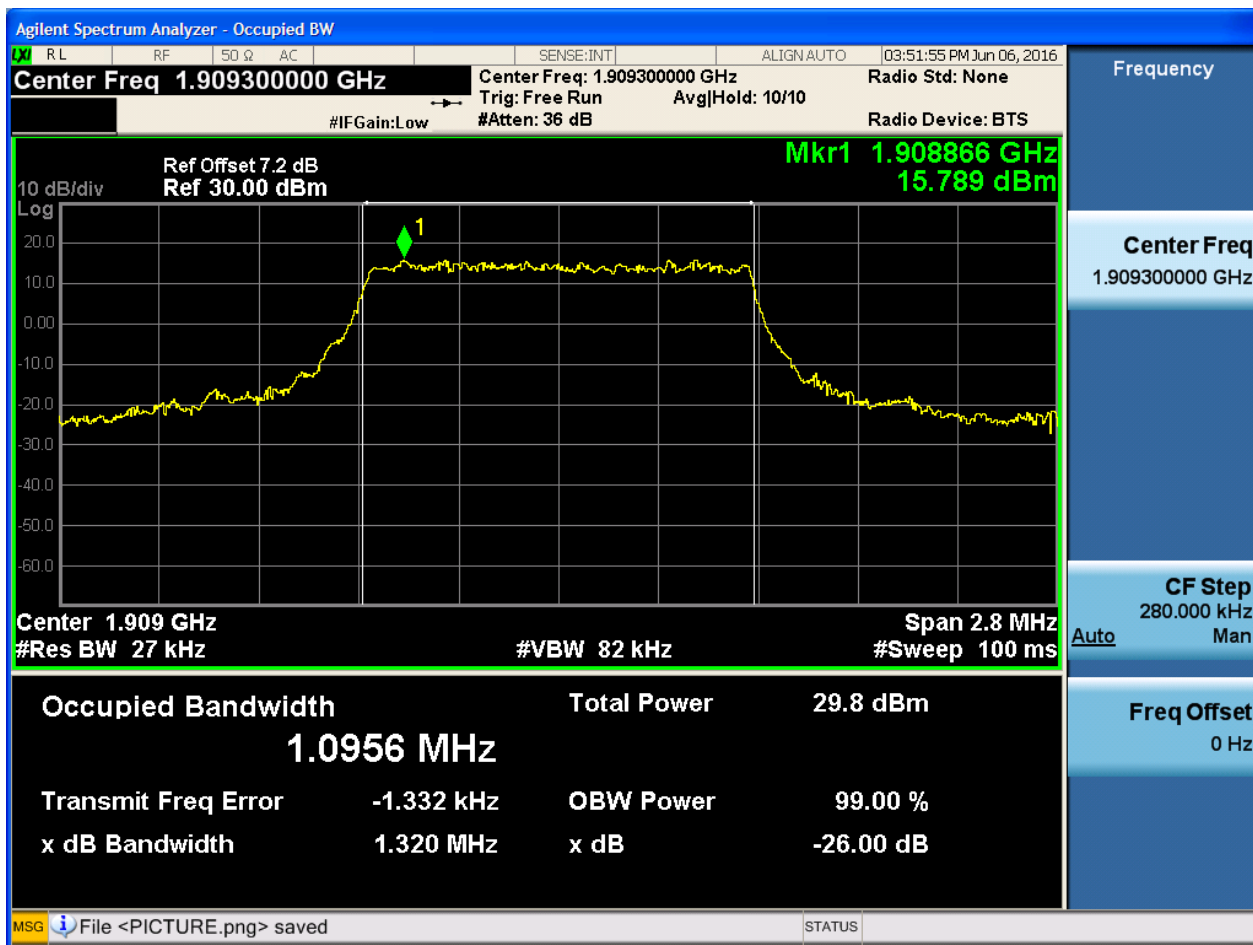
## 4.1.1.2.1.2.1 Test RB = RB6#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB6#0

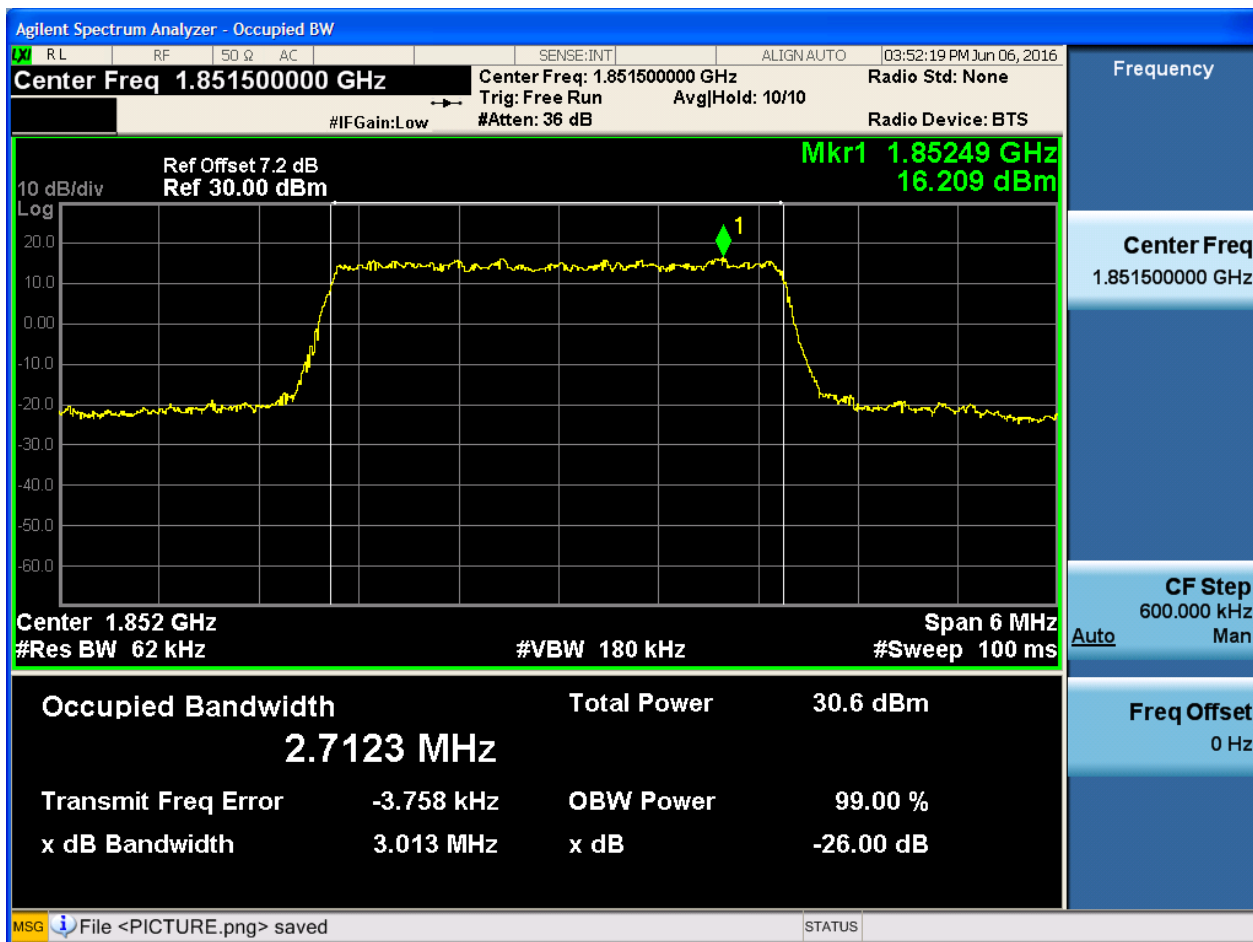




## 4.1.1.2.2 Test Bandwidth = 3

## 4.1.1.2.2.1 Test Channel = LCH

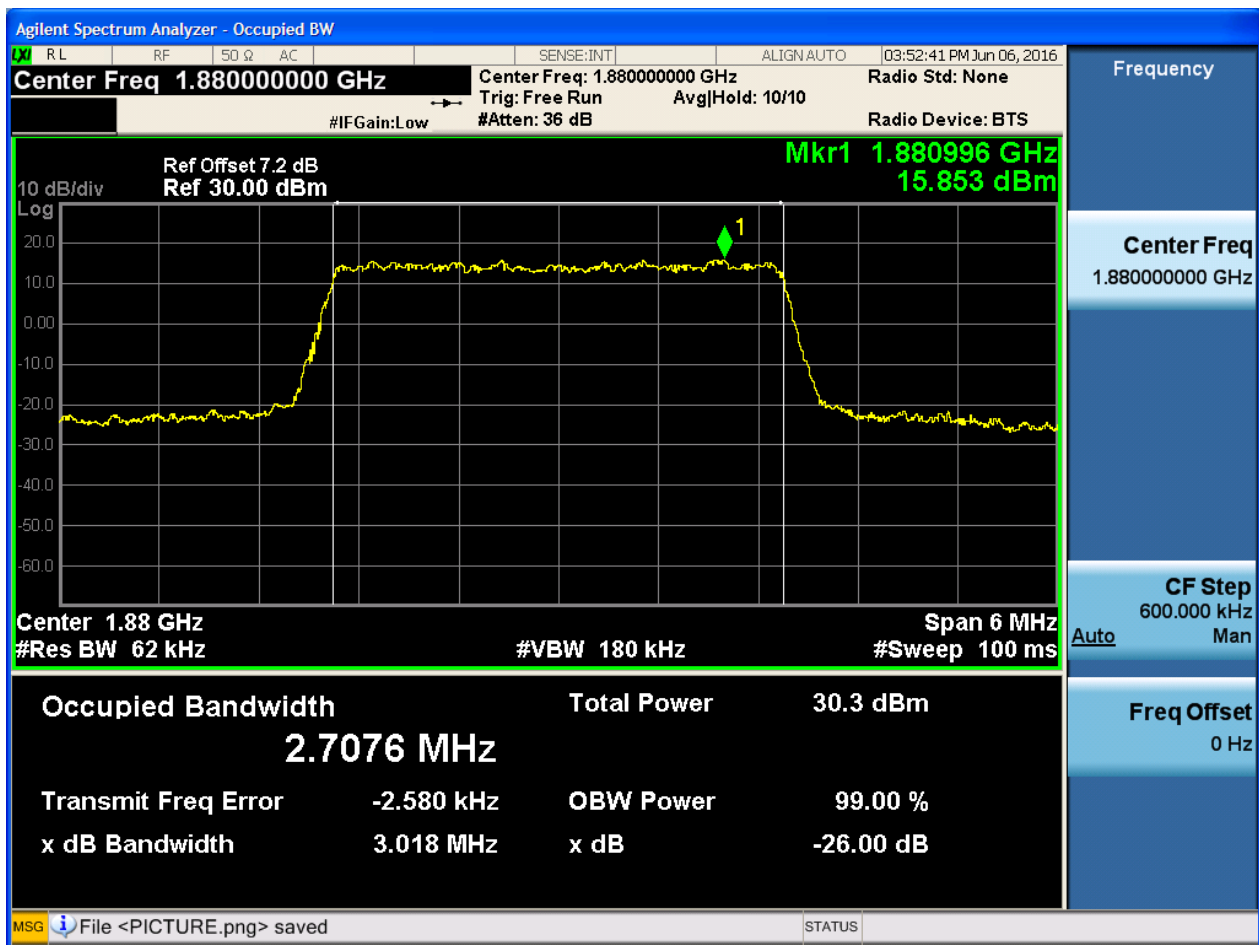
## 4.1.1.2.2.1.1 Test RB = RB15#0





## 4.1.1.2.2.2 Test Channel = MCH

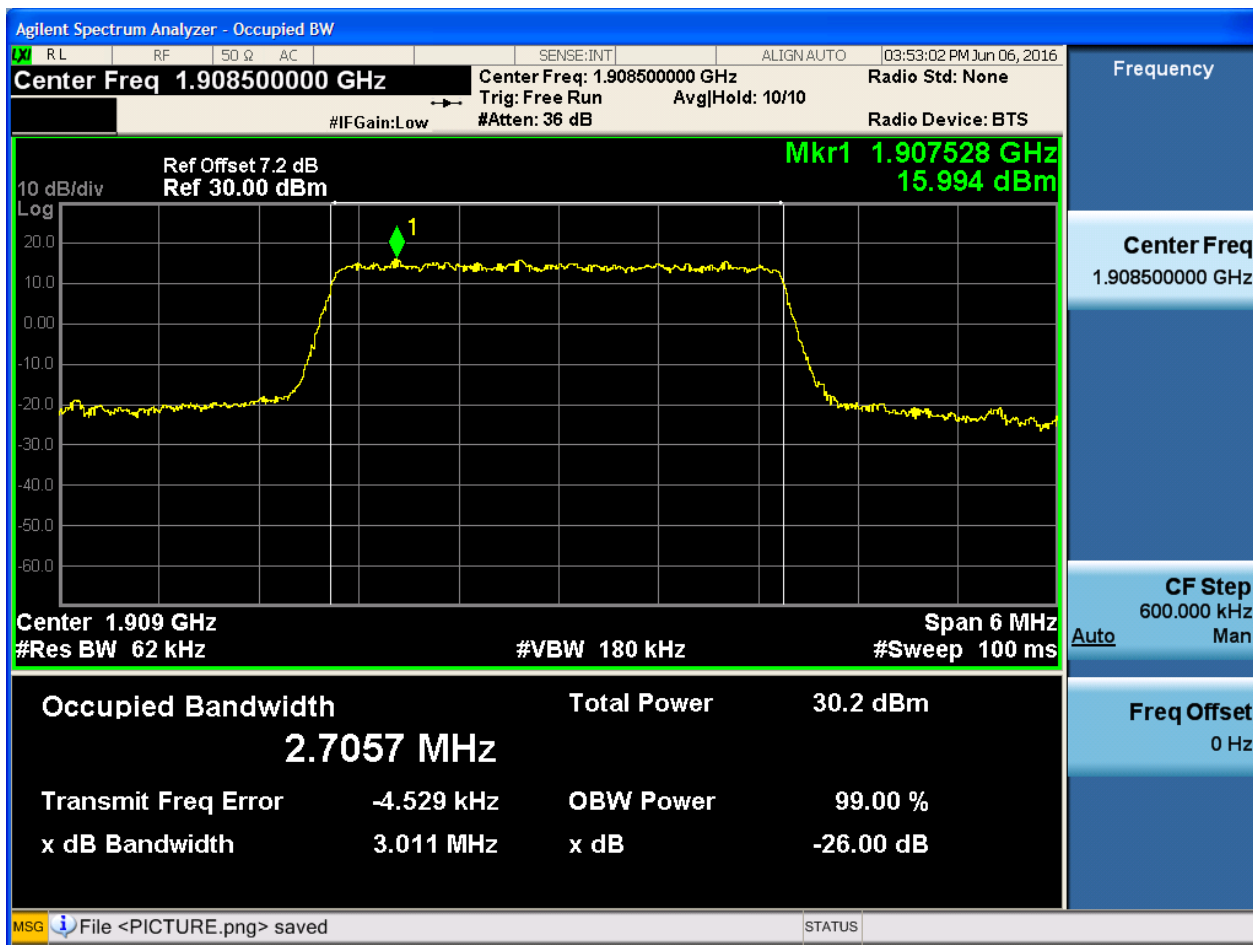
## 4.1.1.2.2.2.1 Test RB = RB15#0





## 4.1.1.2.2.3 Test Channel = HCH

## 4.1.1.2.2.3.1 Test RB = RB15#0

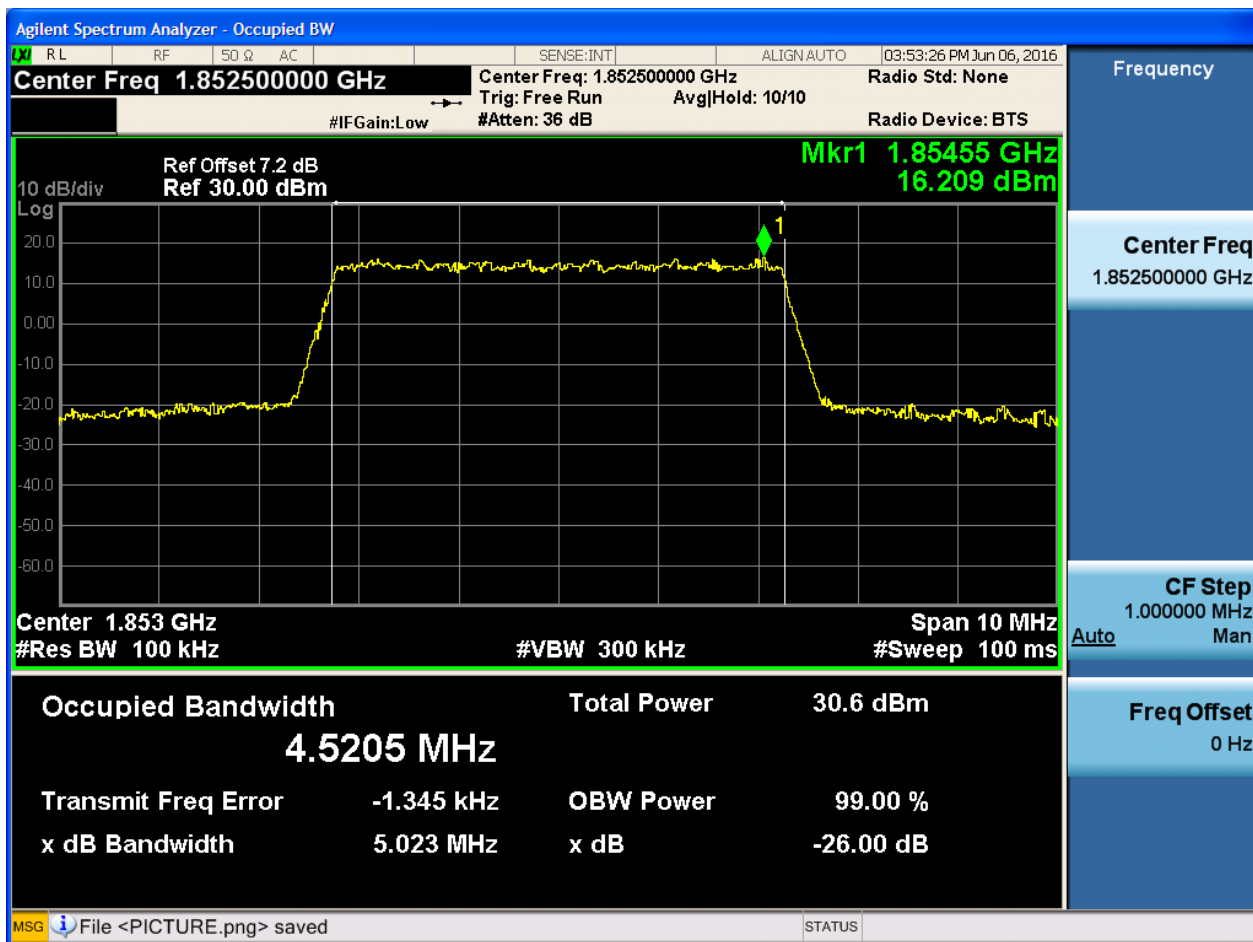




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

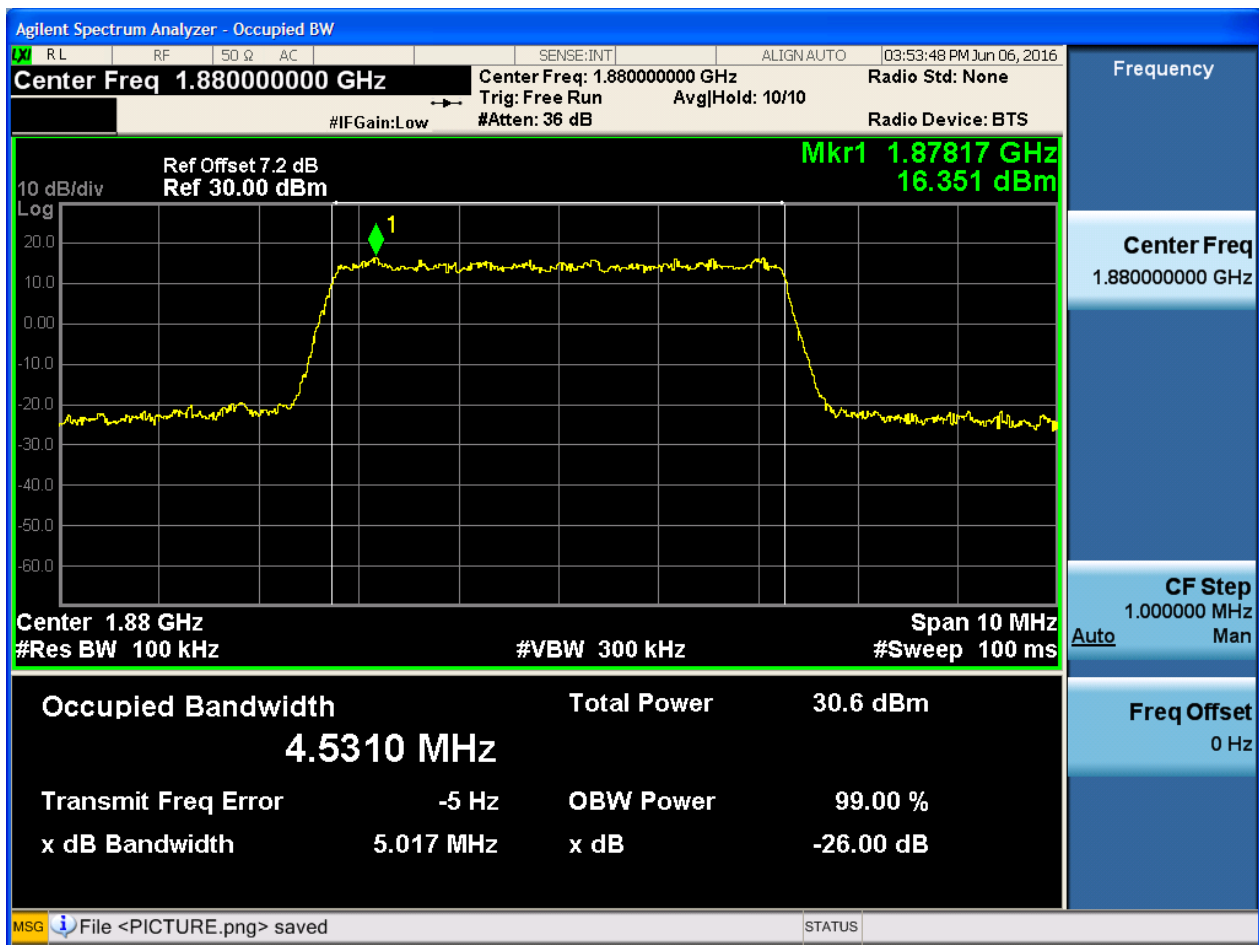
## 4.1.1.2.3.1.1 Test RB = RB25#0





## 4.1.1.2.3.2 Test Channel = MCH

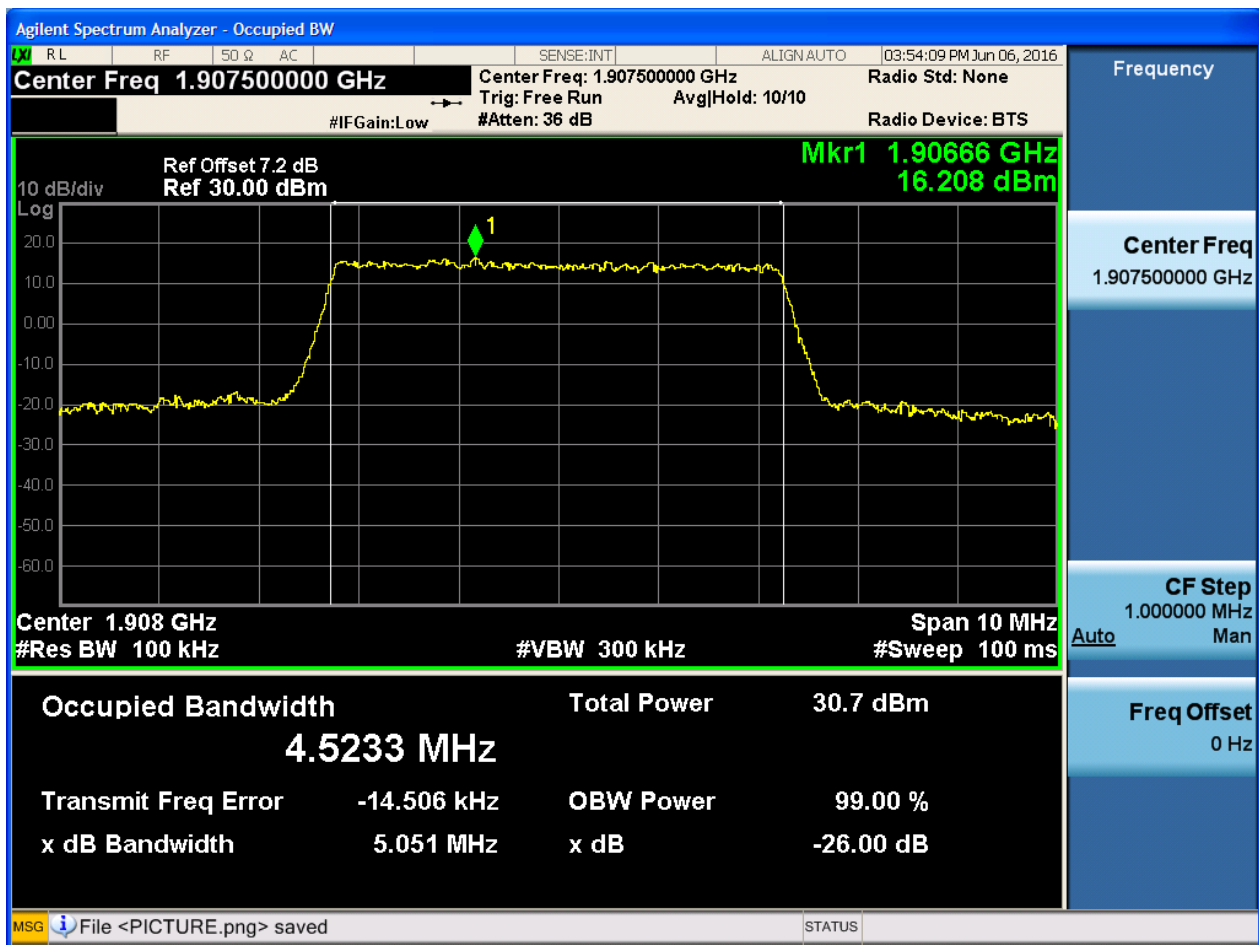
## 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

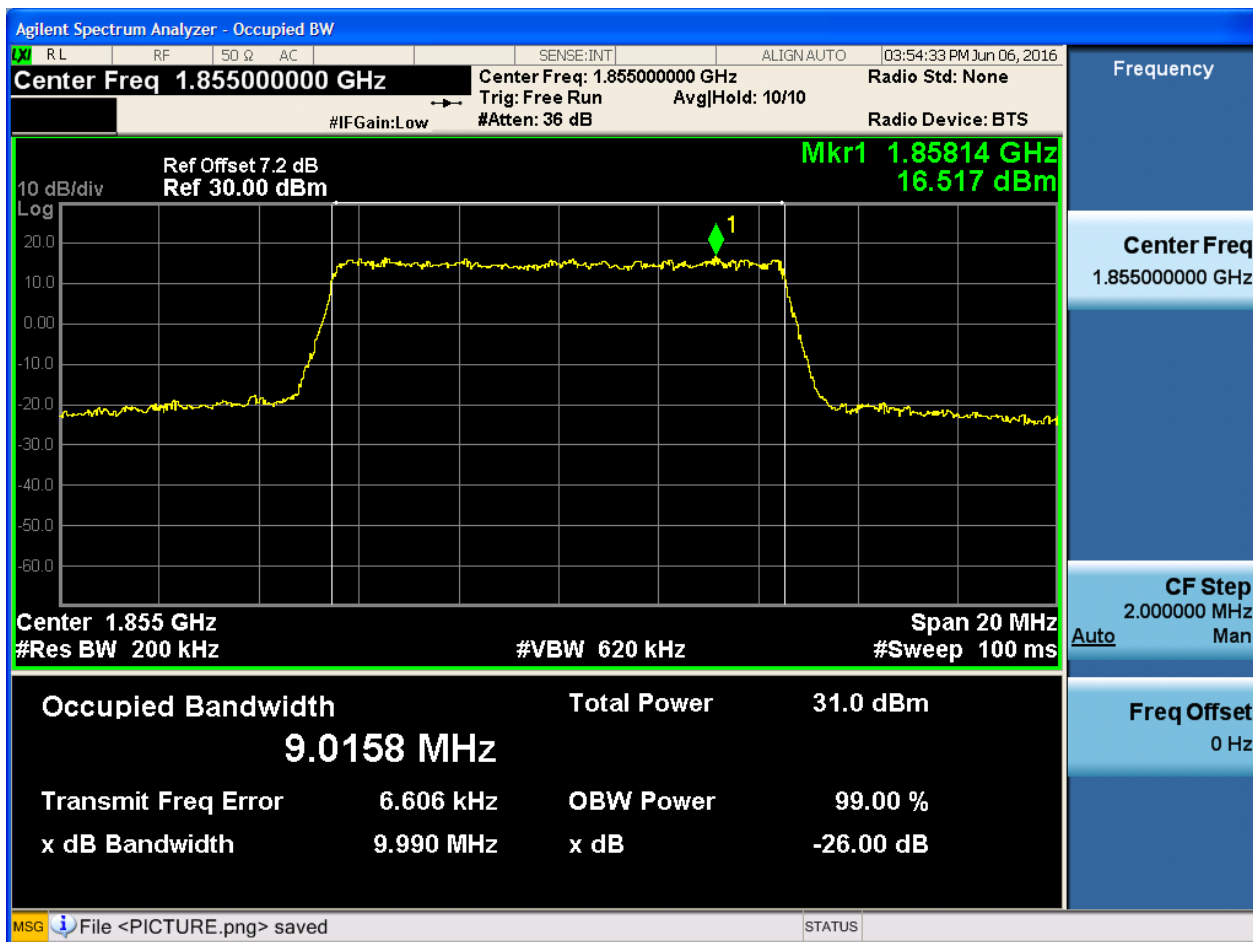




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH

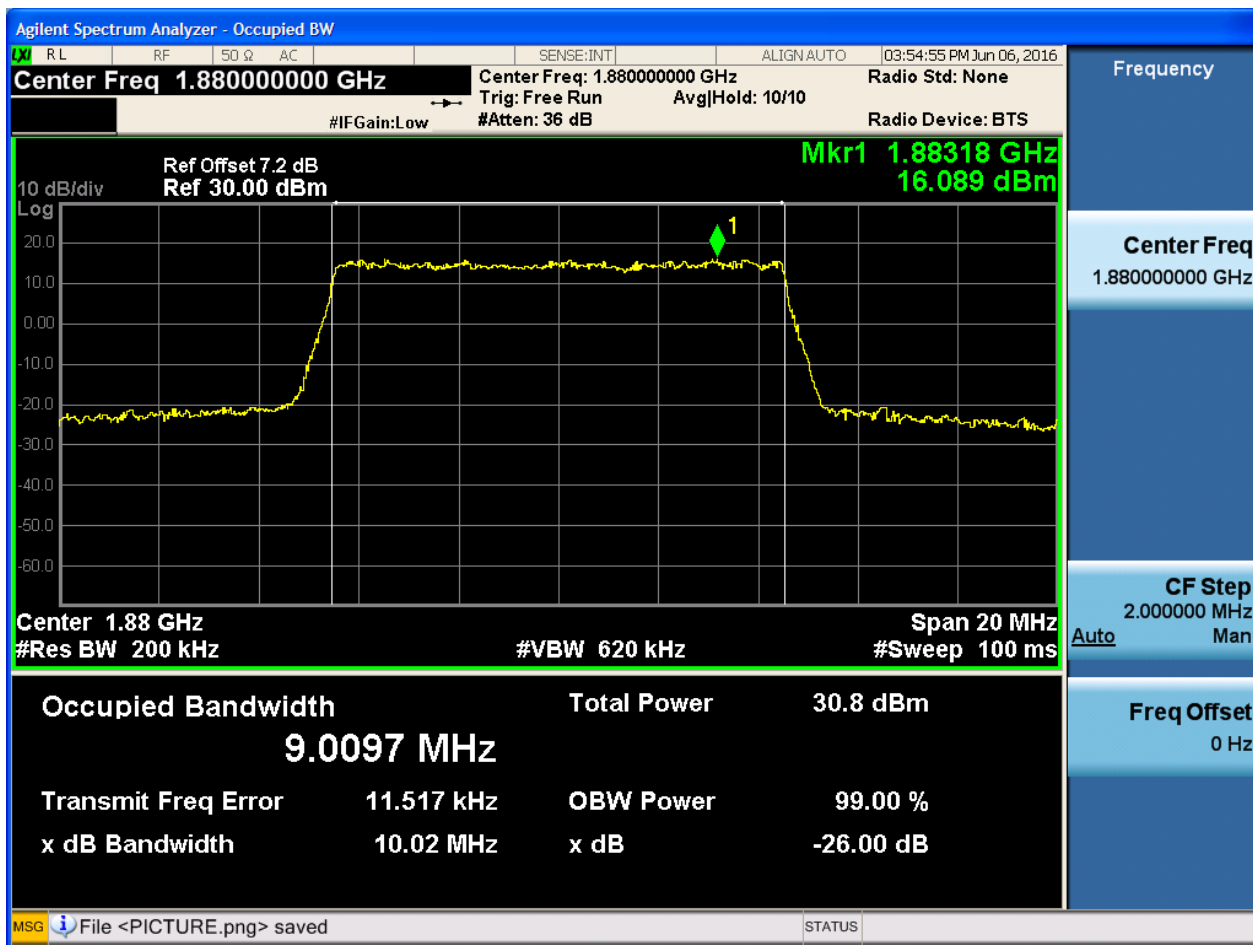
## 4.1.1.2.4.1.1 Test RB = RB50#0





## 4.1.1.2.4.2 Test Channel = MCH

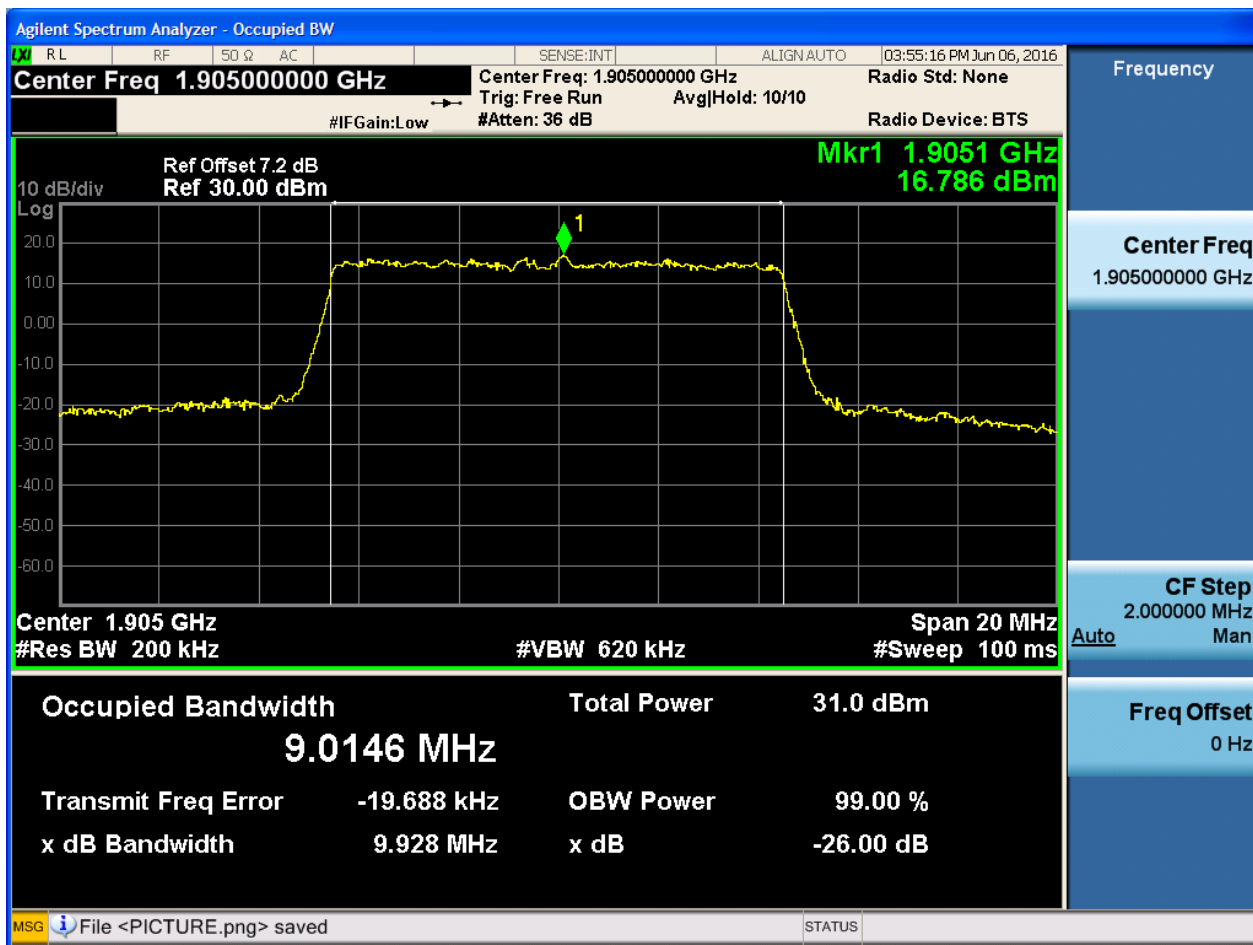
## 4.1.1.2.4.2.1 Test RB = RB50#0





## 4.1.1.2.4.3 Test Channel = HCH

## 4.1.1.2.4.3.1 Test RB = RB50#0

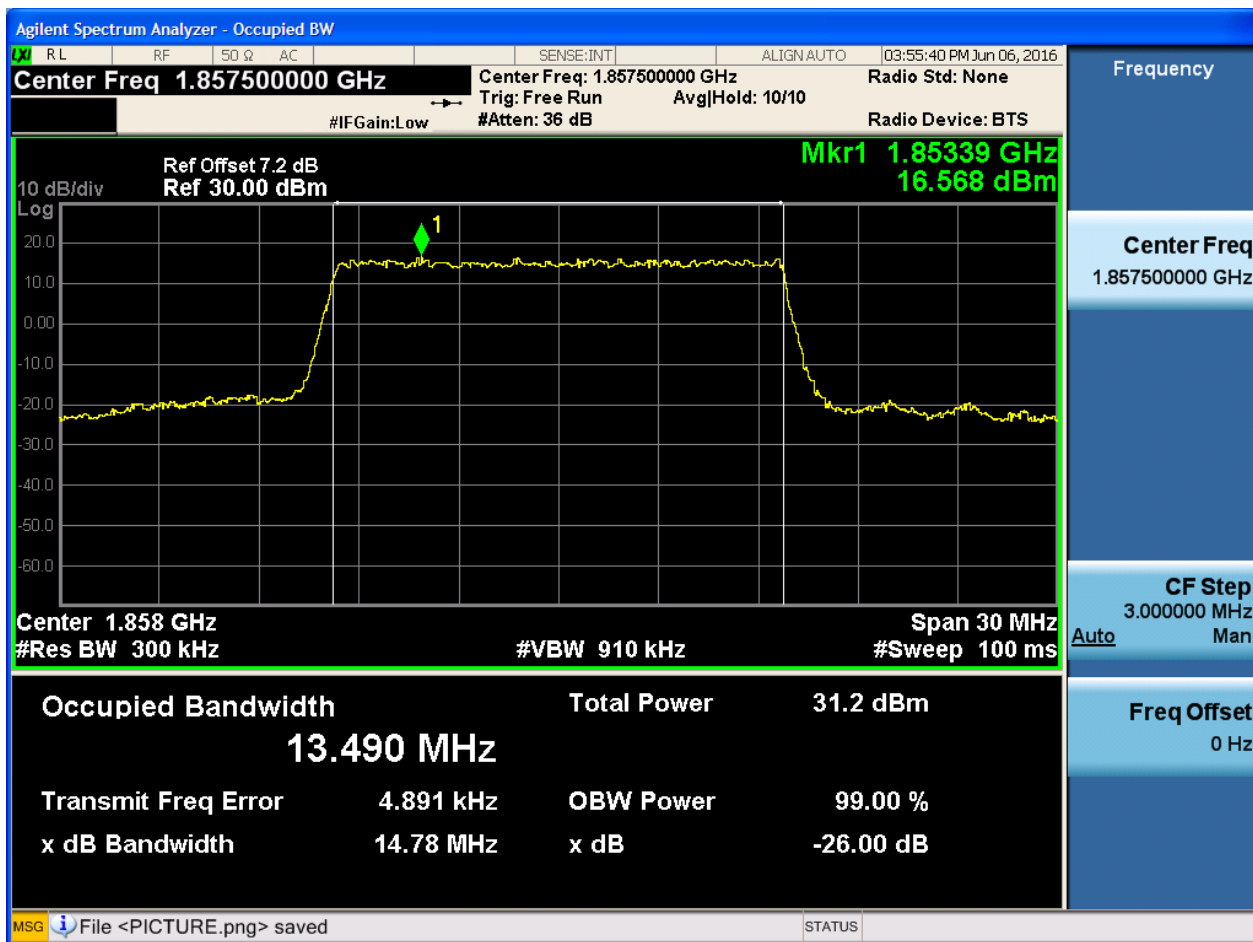




## 4.1.1.2.5 Test Bandwidth = 15

## 4.1.1.2.5.1 Test Channel = LCH

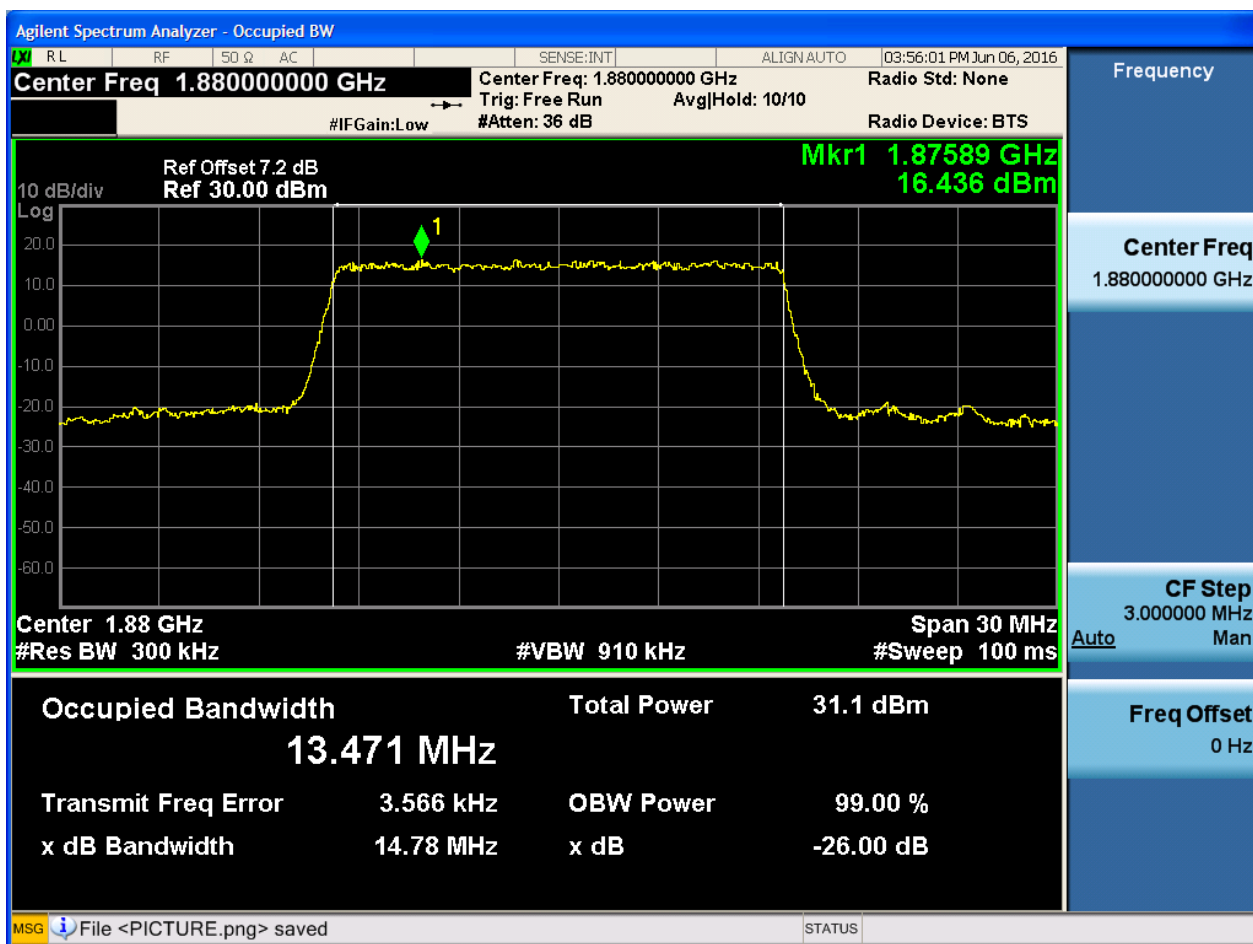
## 4.1.1.2.5.1.1 Test RB = RB75#0





## 4.1.1.2.5.2 Test Channel = MCH

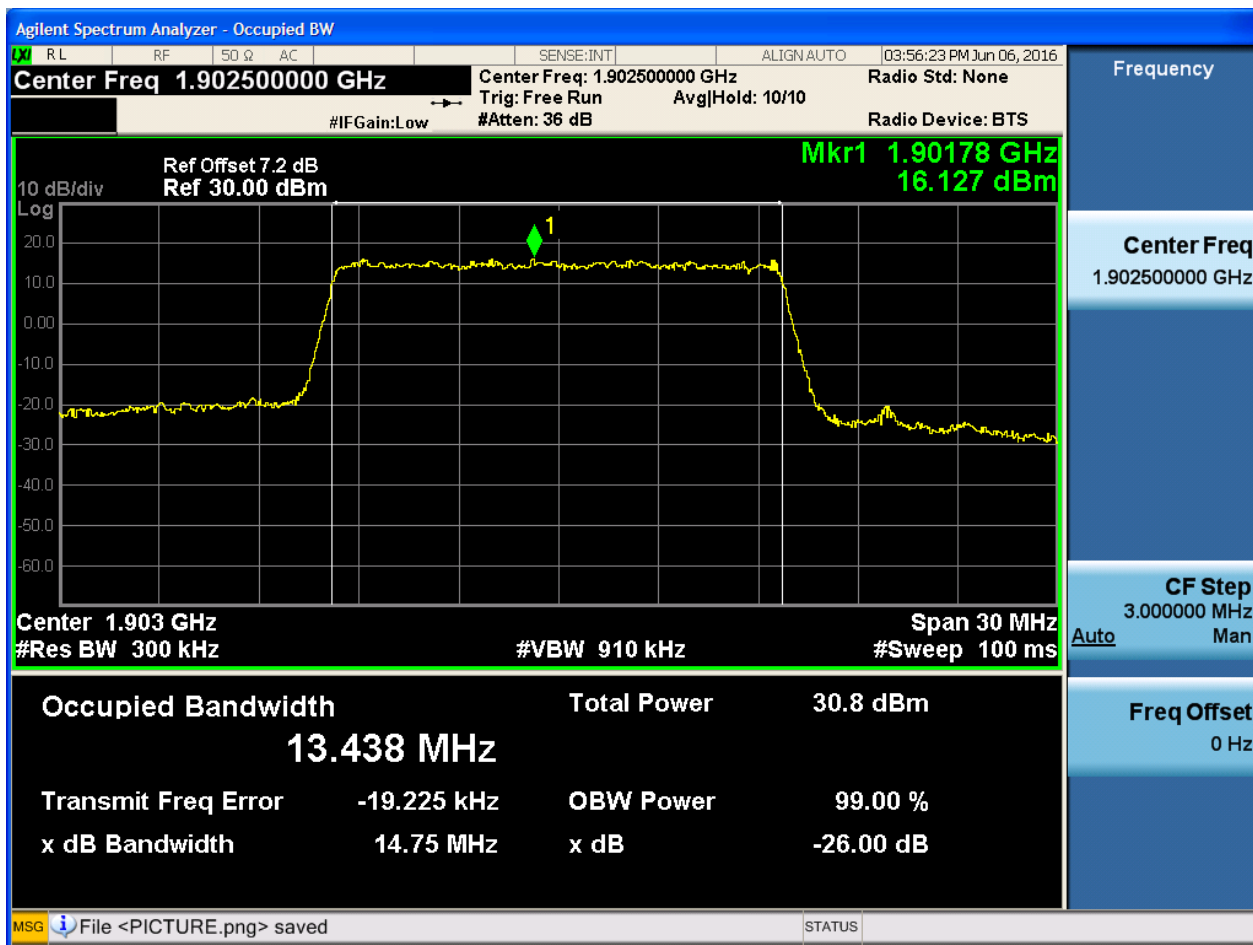
## 4.1.1.2.5.2.1 Test RB = RB75#0





## 4.1.1.2.5.3 Test Channel = HCH

## 4.1.1.2.5.3.1 Test RB = RB75#0

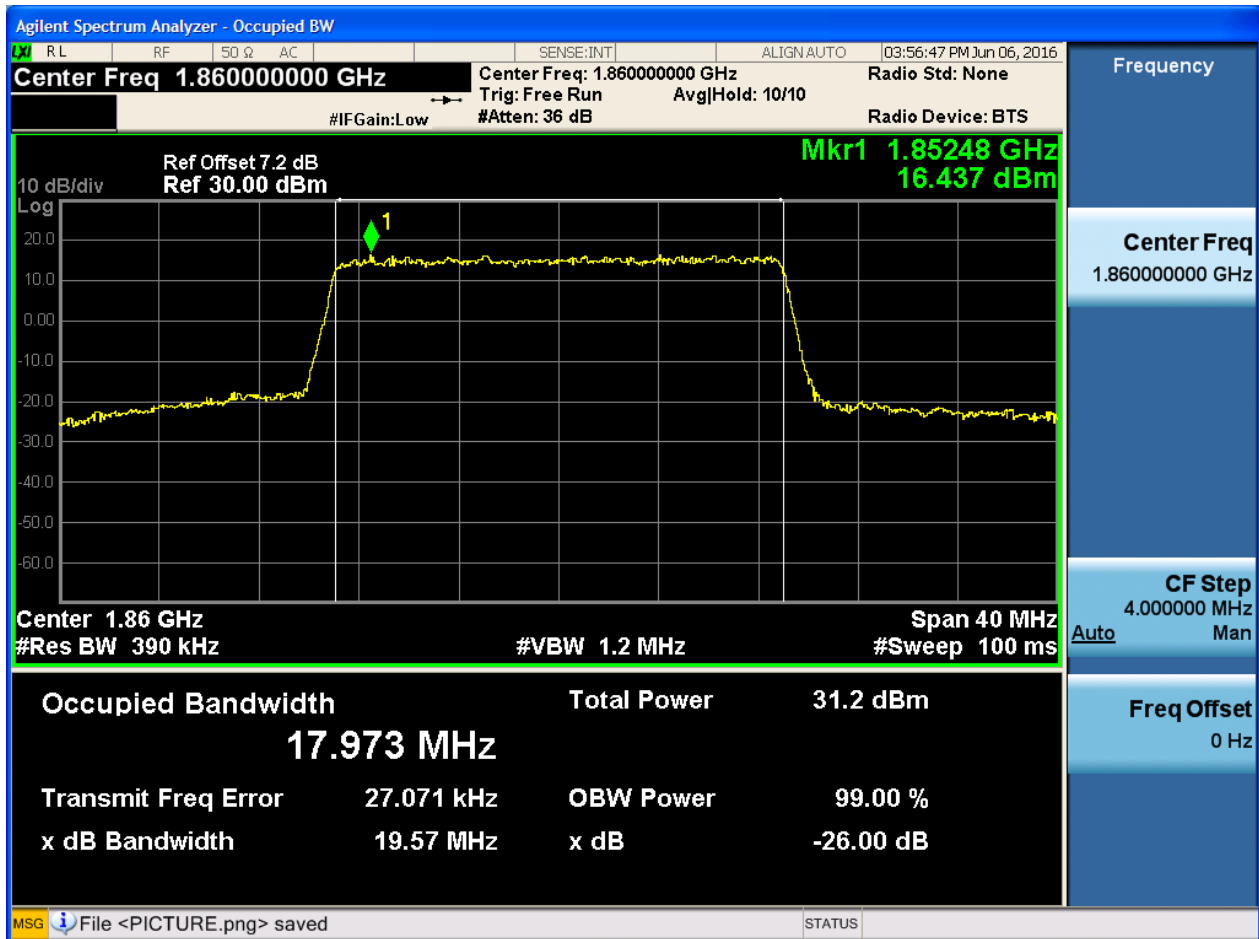




## 4.1.1.2.6 Test Bandwidth = 20

## 4.1.1.2.6.1 Test Channel = LCH

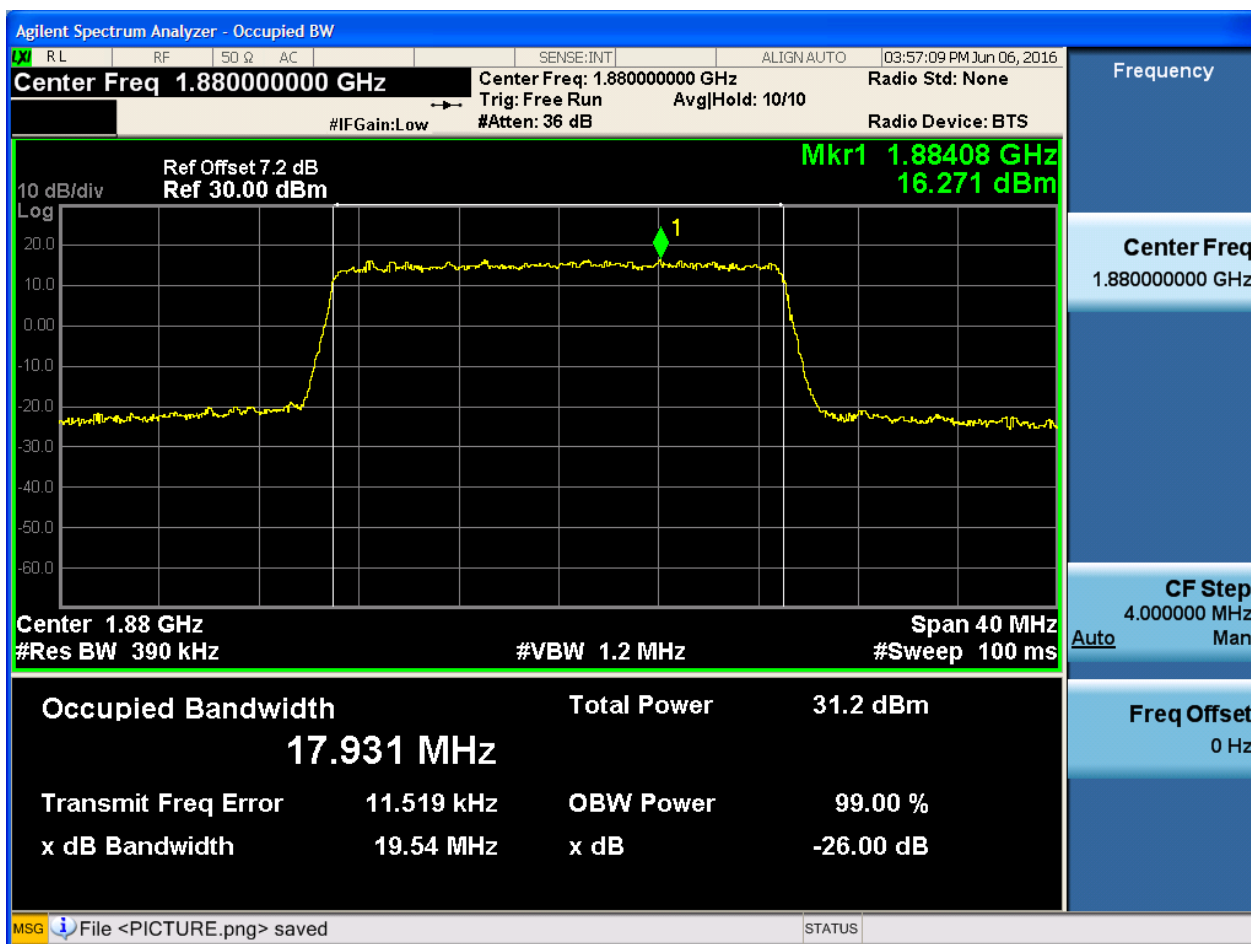
## 4.1.1.2.6.1.1 Test RB = RB100#0





## 4.1.1.2.6.2 Test Channel = MCH

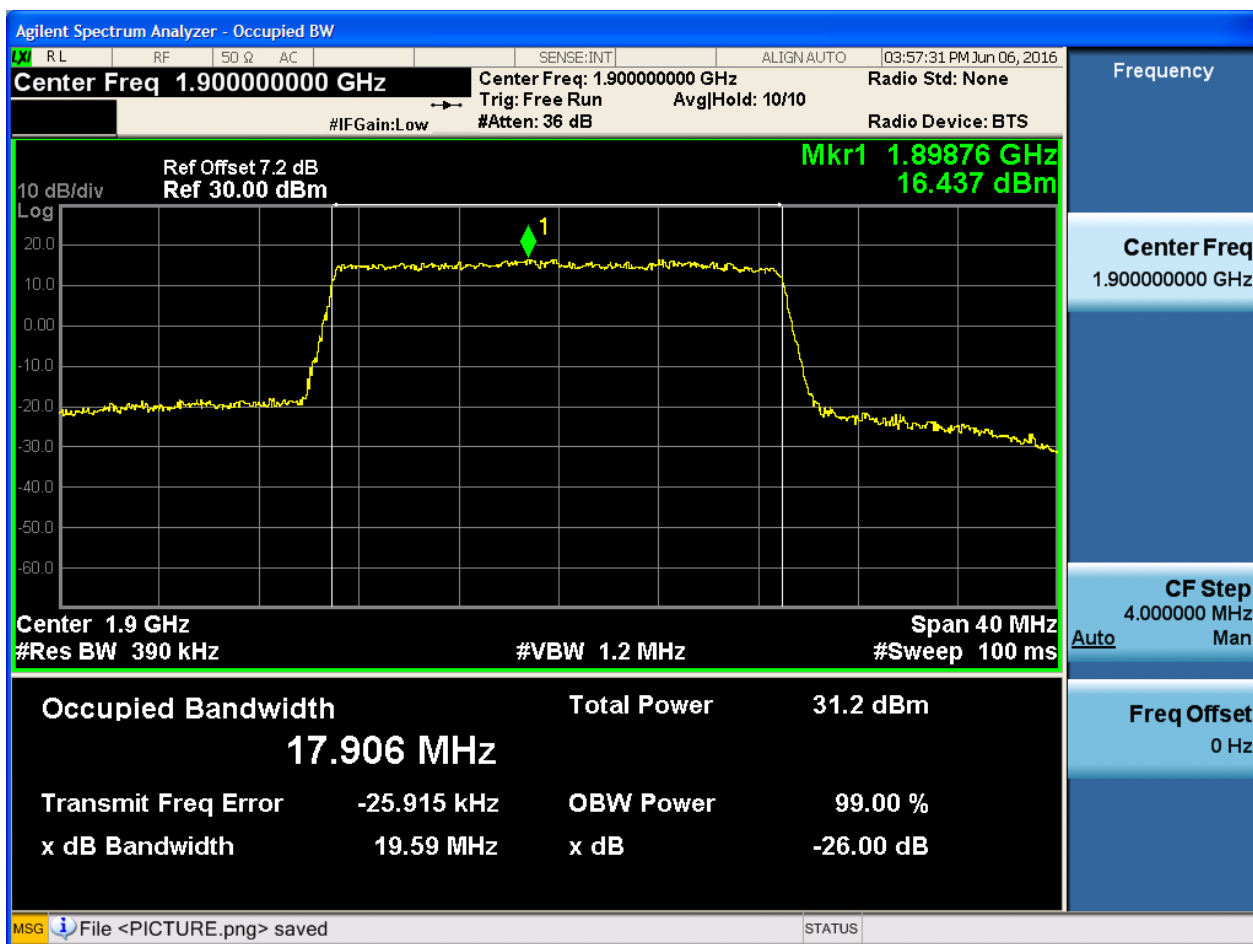
## 4.1.1.2.6.2.1 Test RB = RB100#0





## 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

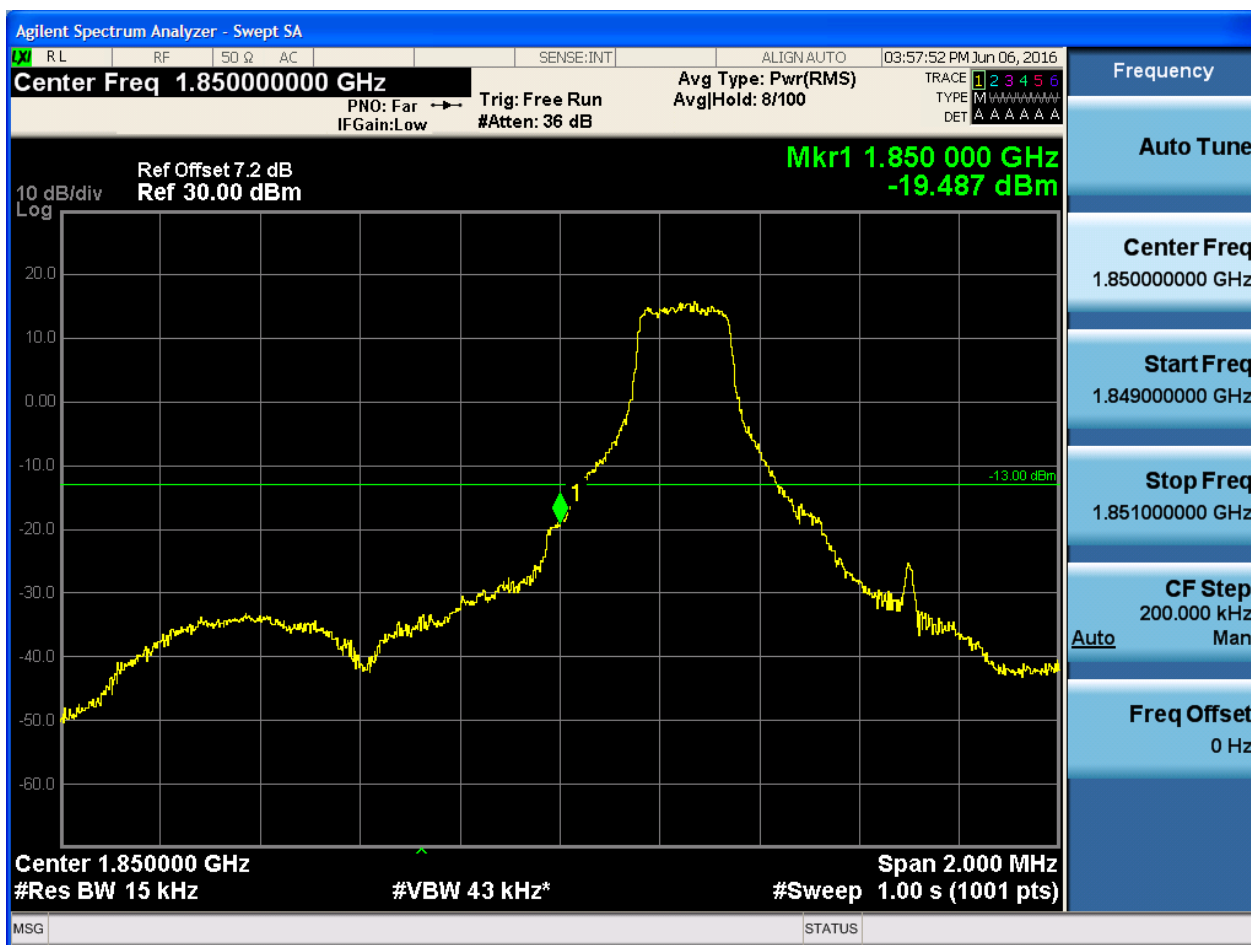
##### 5.1.1 Test Band = BAND2

##### 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





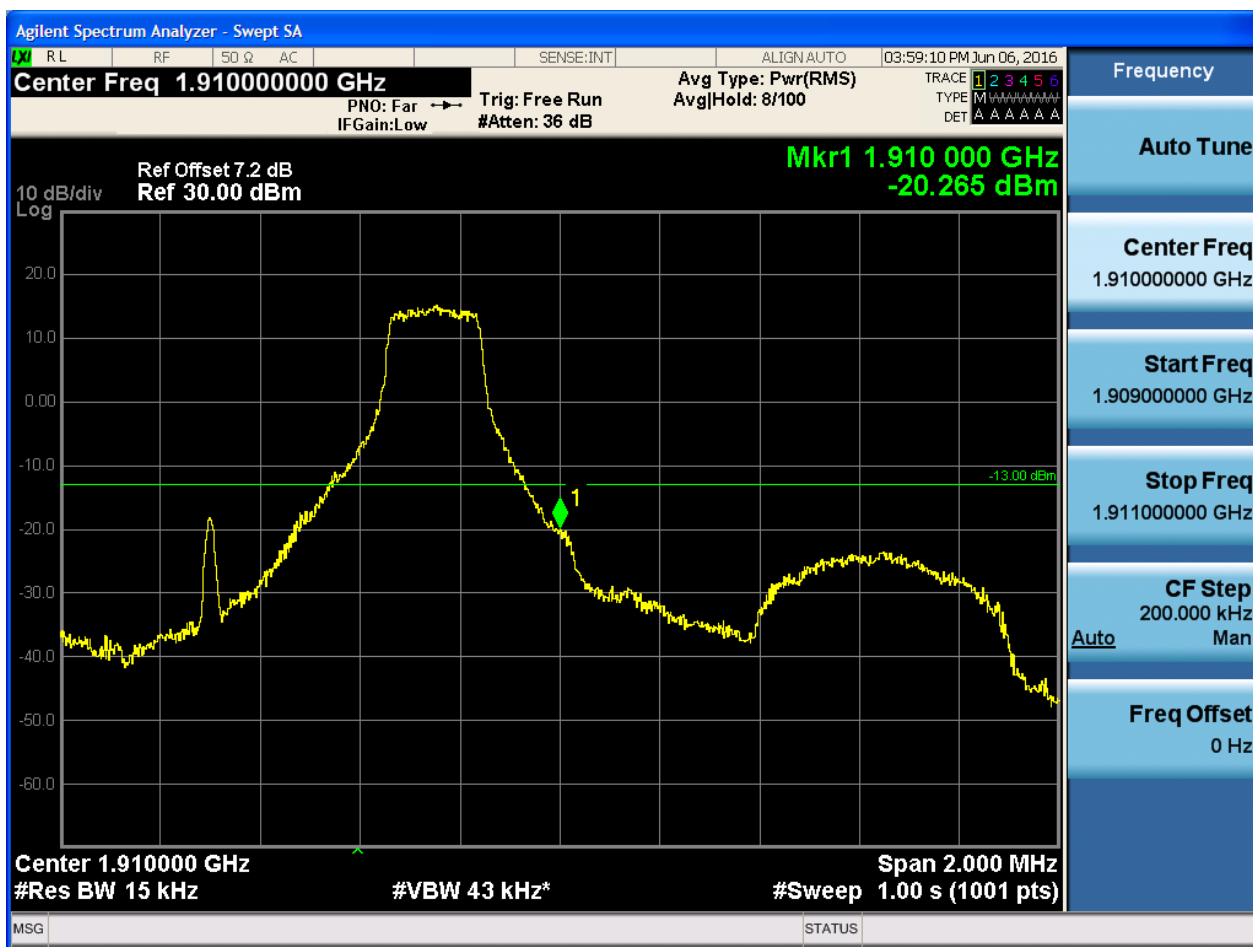
## 5.1.1.1.1.2 Test Channel = HCH

## 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





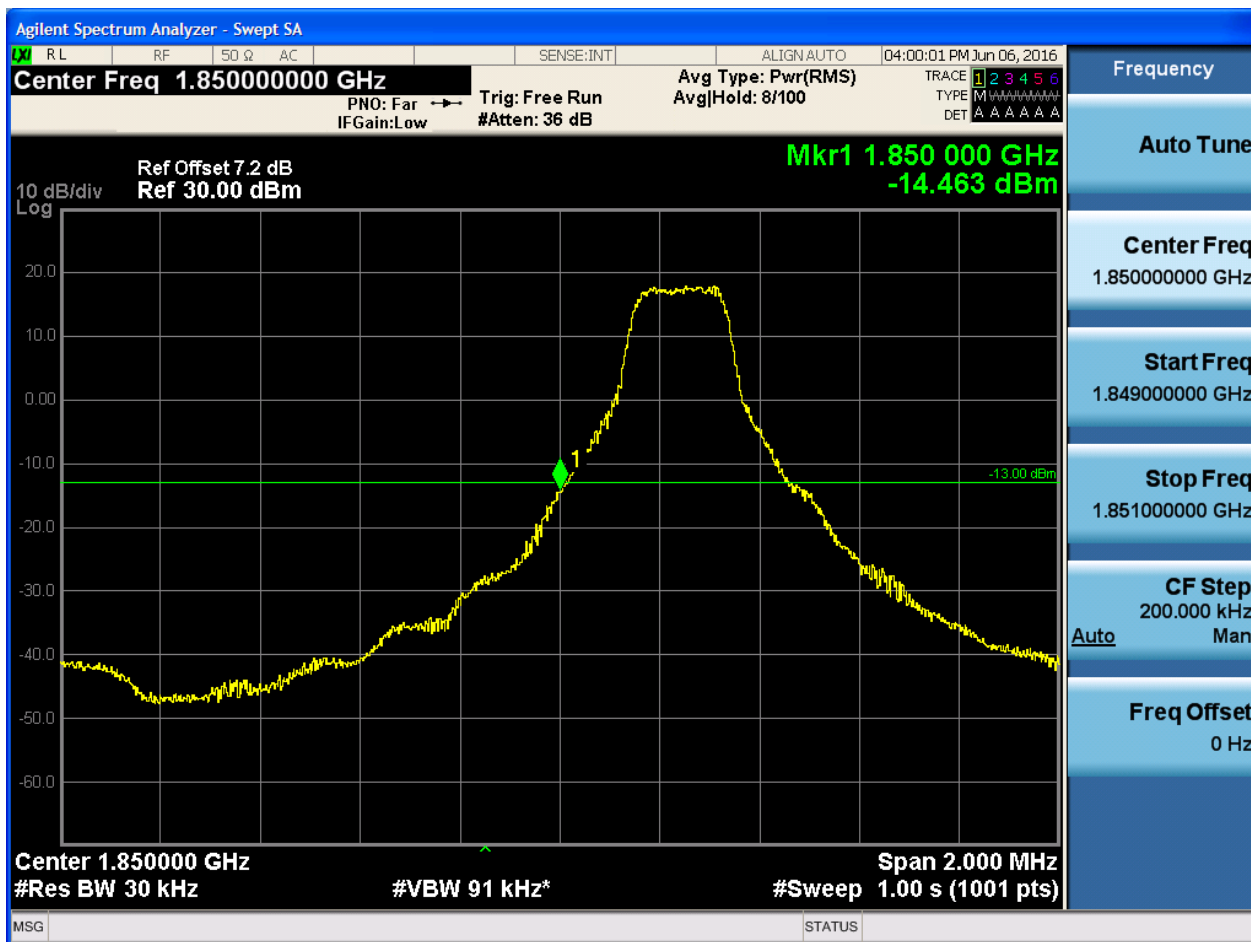
## 5.1.1.1.2.4 Test RB = RB6#0



#### 5.1.1.1.2 Test Bandwidth = 3

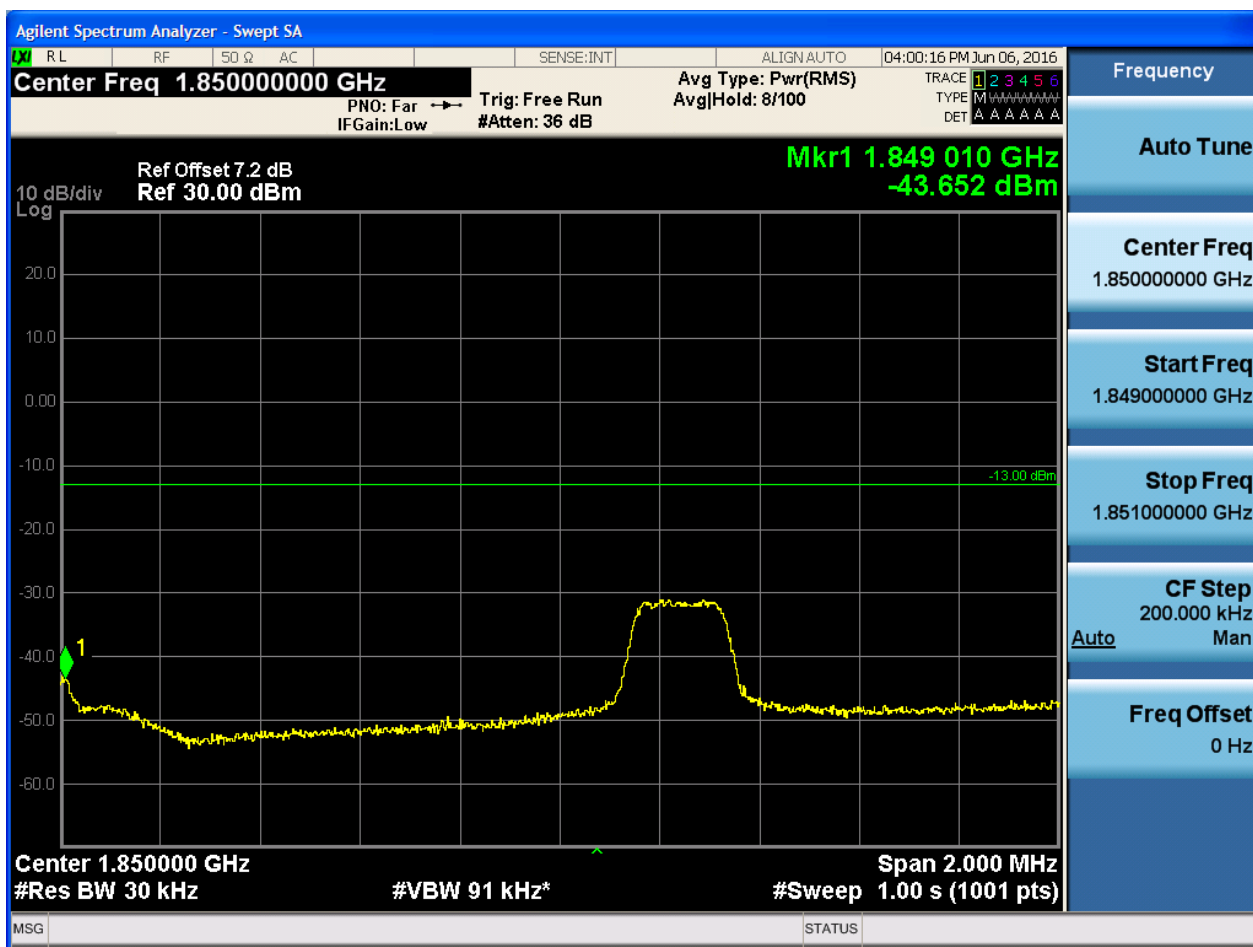
#### 5.1.1.1.2.1 Test Channel = LCH

#### 5.1.1.1.2.1.1 Test RB = RB1#0





## 5.1.1.1.2.1.2 Test RB = RB1#14



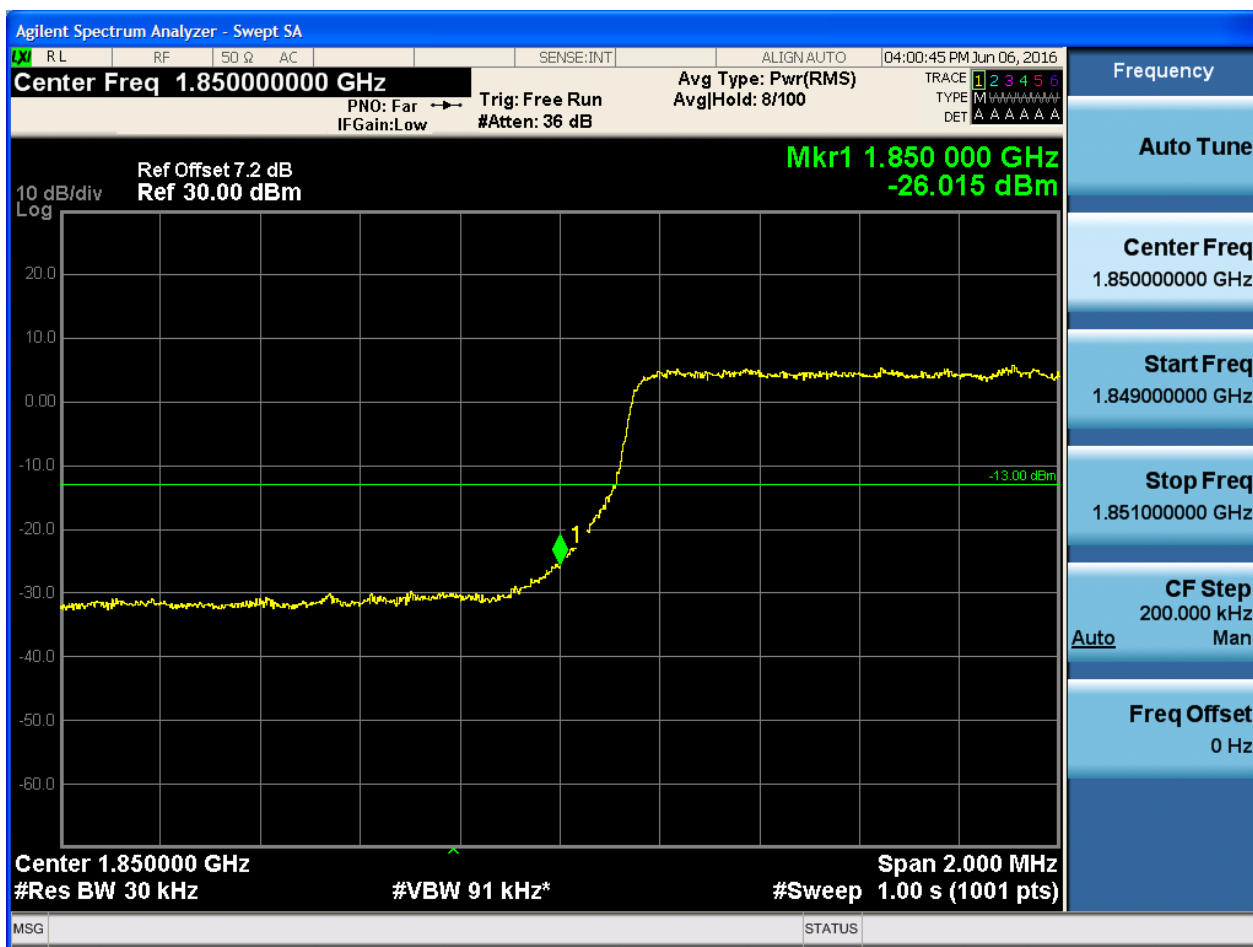


## 5.1.1.1.2.1.3 Test RB = RB8#4





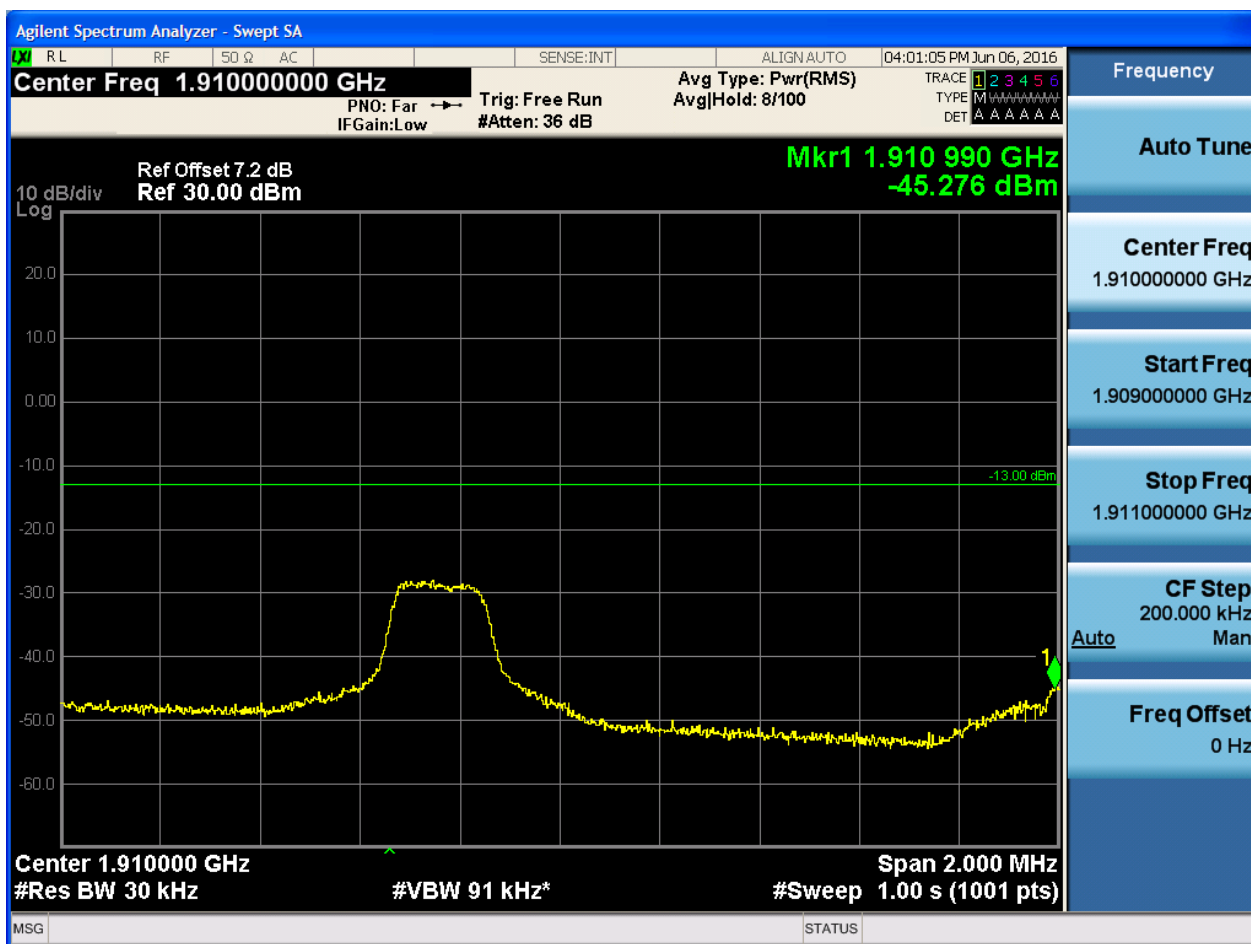
## 5.1.1.1.2.1.4 Test RB = RB15#0





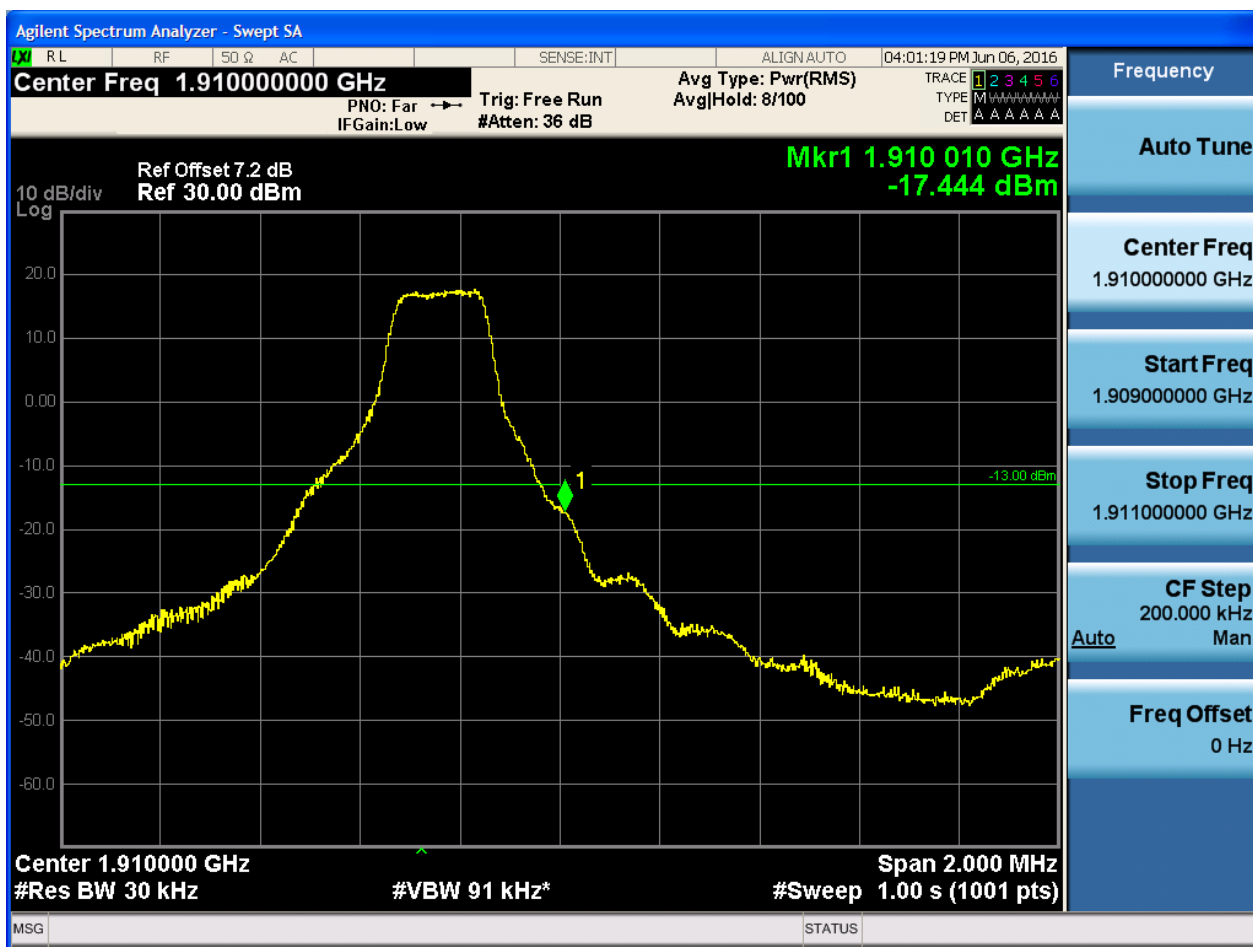
## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0





## 5.1.1.1.2.2.2 Test RB = RB1#14





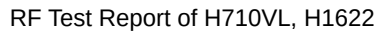
## 5.1.1.1.2.2.3 Test RB = RB8#4





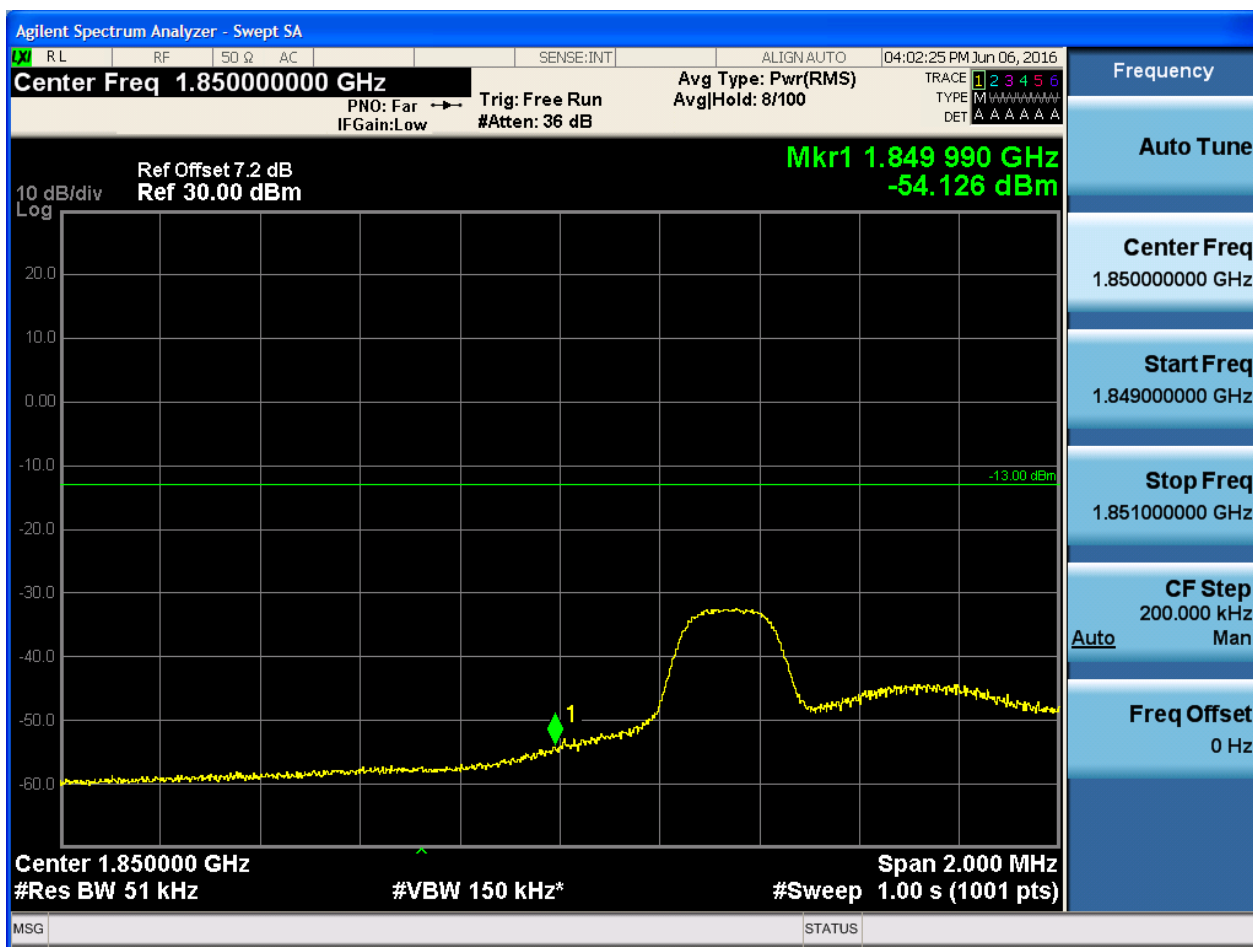
## 5.1.1.1.2.2.4 Test RB = RB15#0







## 5.1.1.1.3.1.2 Test RB = RB1#24



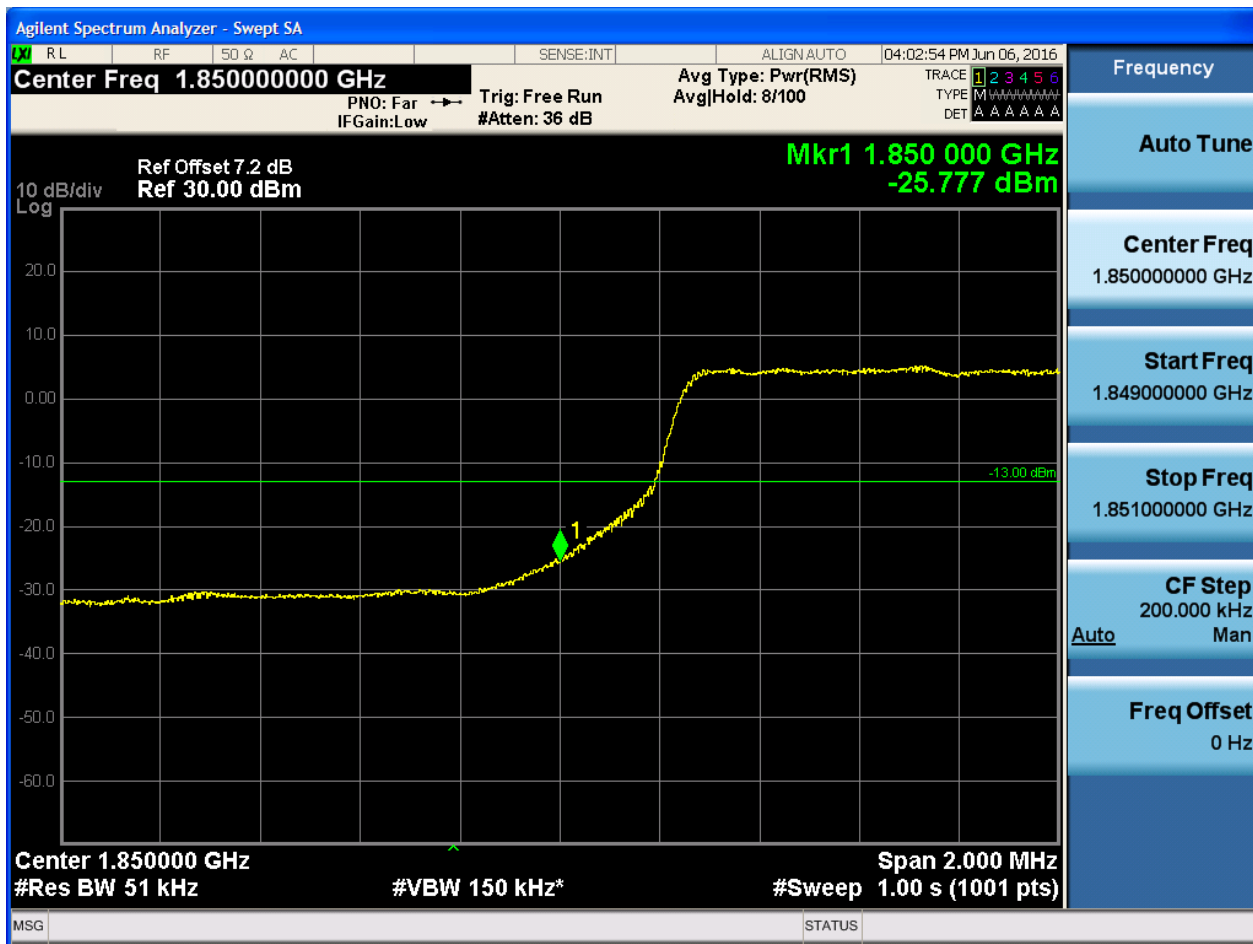


## 5.1.1.1.3.1.3 Test RB = RB12#6



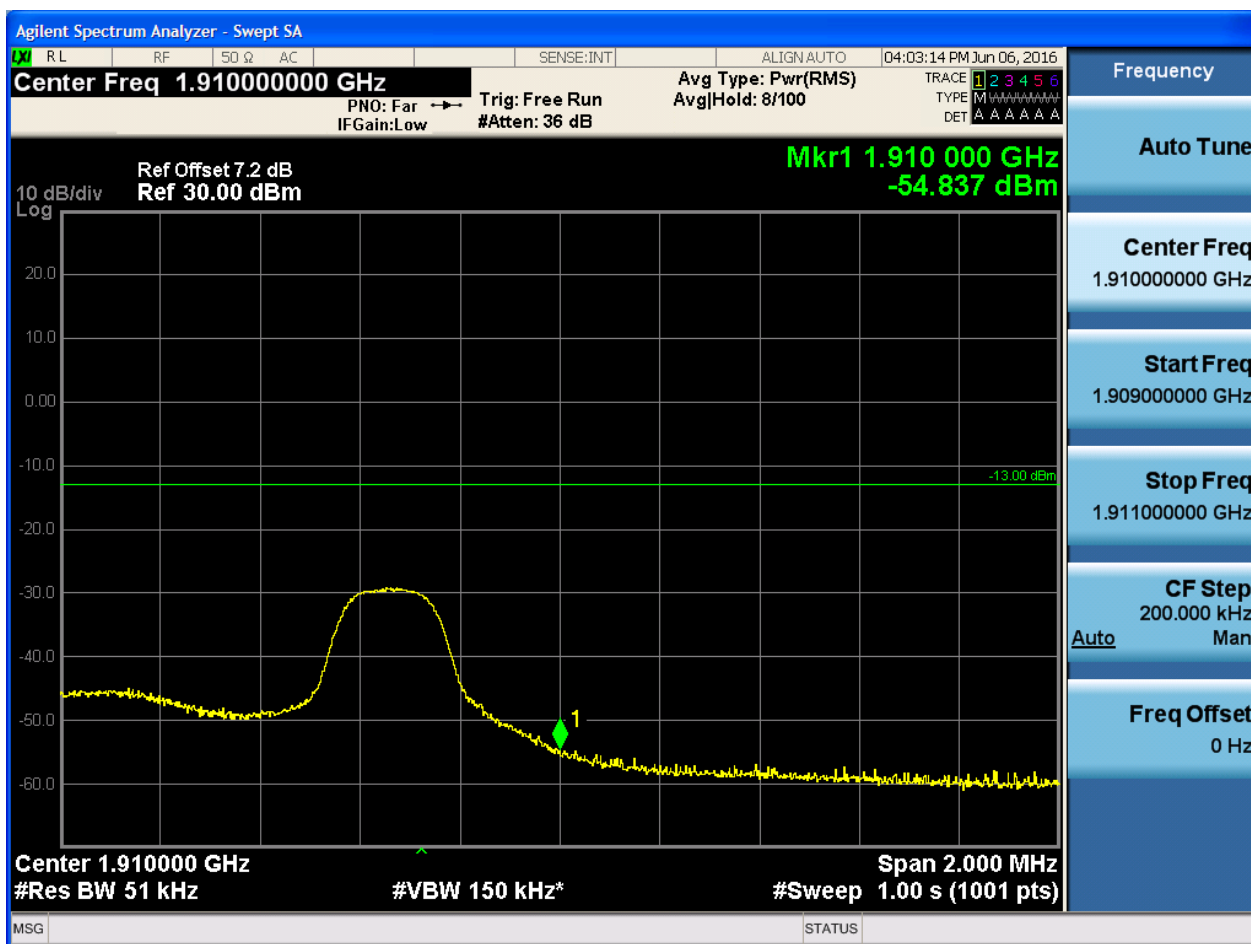


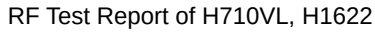
## 5.1.1.1.3.1.4 Test RB = RB25#0



#### 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 1.91000000 GHz

Ref Offset 7.2 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 1.910 000 GHz  
-19.551 dBm

Trig: Free Run  
#Atten: 36 dB

Avg Type: Pwr(RMS)  
AvgHold: 8/100

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  
1.91000000 GHz

Start Freq  
1.909000000 GHz

Stop Freq  
1.911000000 GHz

CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz

Center 1.910000 GHz

#Res BW 51 kHz

#VBW 150 kHz\*

Span 2.000 MHz

#Sweep 1.00 s (1001 pts)

MSG

STATUS



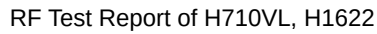
## 5.1.1.1.3.2.3 Test RB = RB12#6





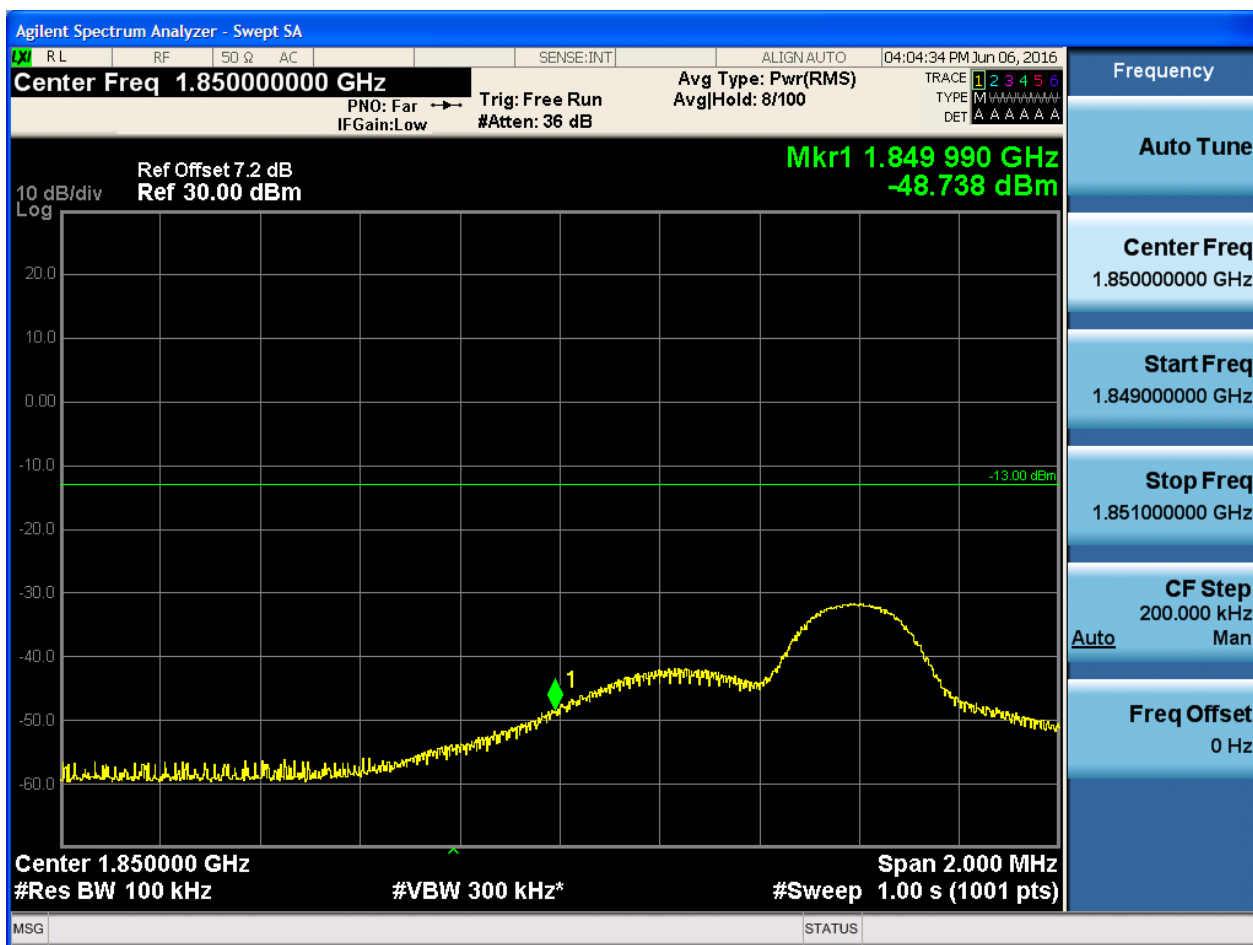
## 5.1.1.1.3.2.4 Test RB = RB25#0







## 5.1.1.1.4.1.2 Test RB = RB1#49



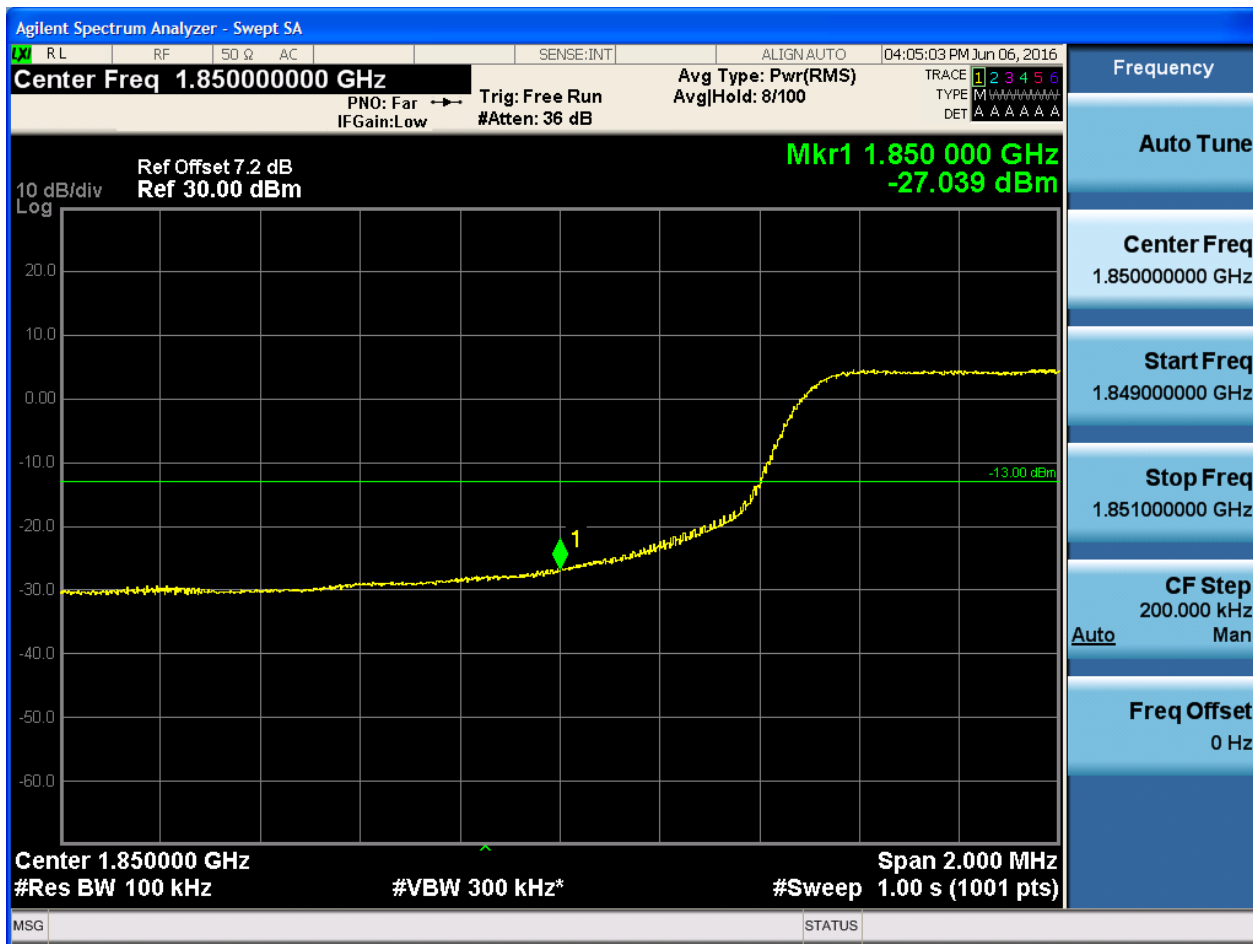


## 5.1.1.1.4.1.3 Test RB = RB25#13





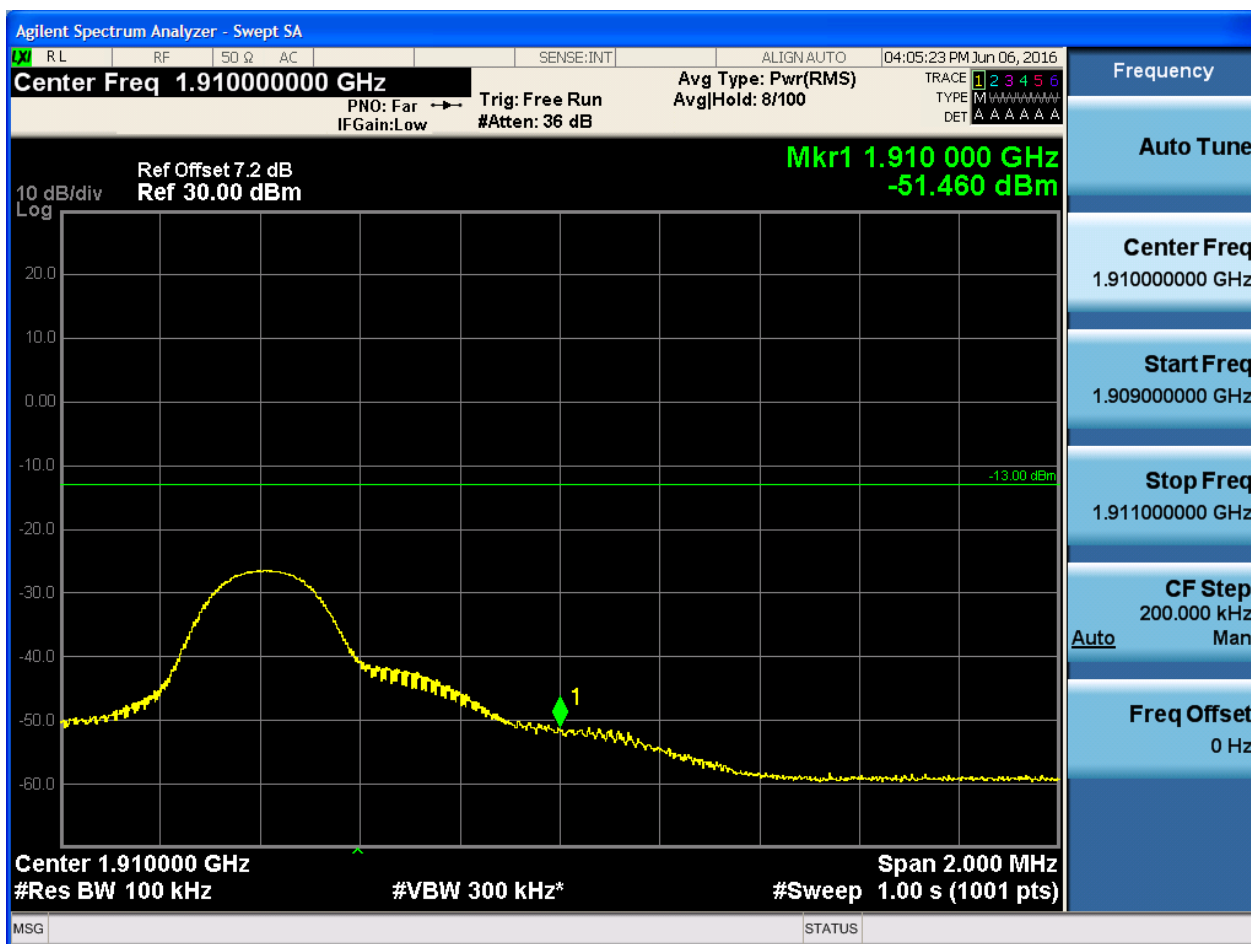
## 5.1.1.1.4.1.4 Test RB = RB50#0





## 5.1.1.1.4.2 Test Channel = HCH

## 5.1.1.1.4.2.1 Test RB = RB1#0





## 5.1.1.1.4.2.2 Test RB = RB1#49





## 5.1.1.1.4.2.3 Test RB = RB25#13





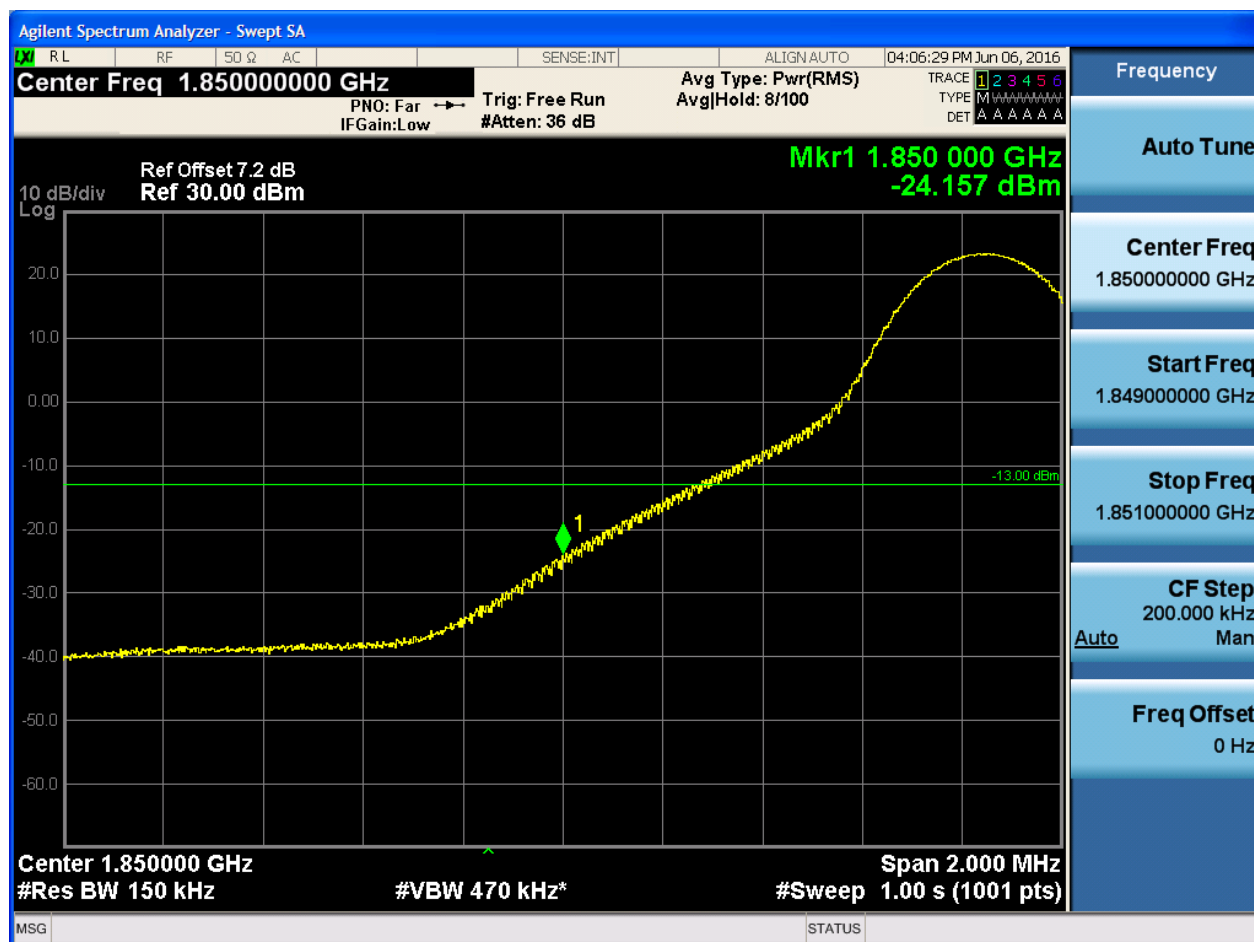
## 5.1.1.1.4.2.4 Test RB = RB50#0



#### 5.1.1.1.5 Test Bandwidth = 15

#### 5.1.1.1.5.1 Test Channel = LCH

#### 5.1.1.1.5.1.1 Test RB = RB1#0





## 5.1.1.1.5.1.2 Test RB = RB1#74





## 5.1.1.1.5.1.3 Test RB = RB38#19





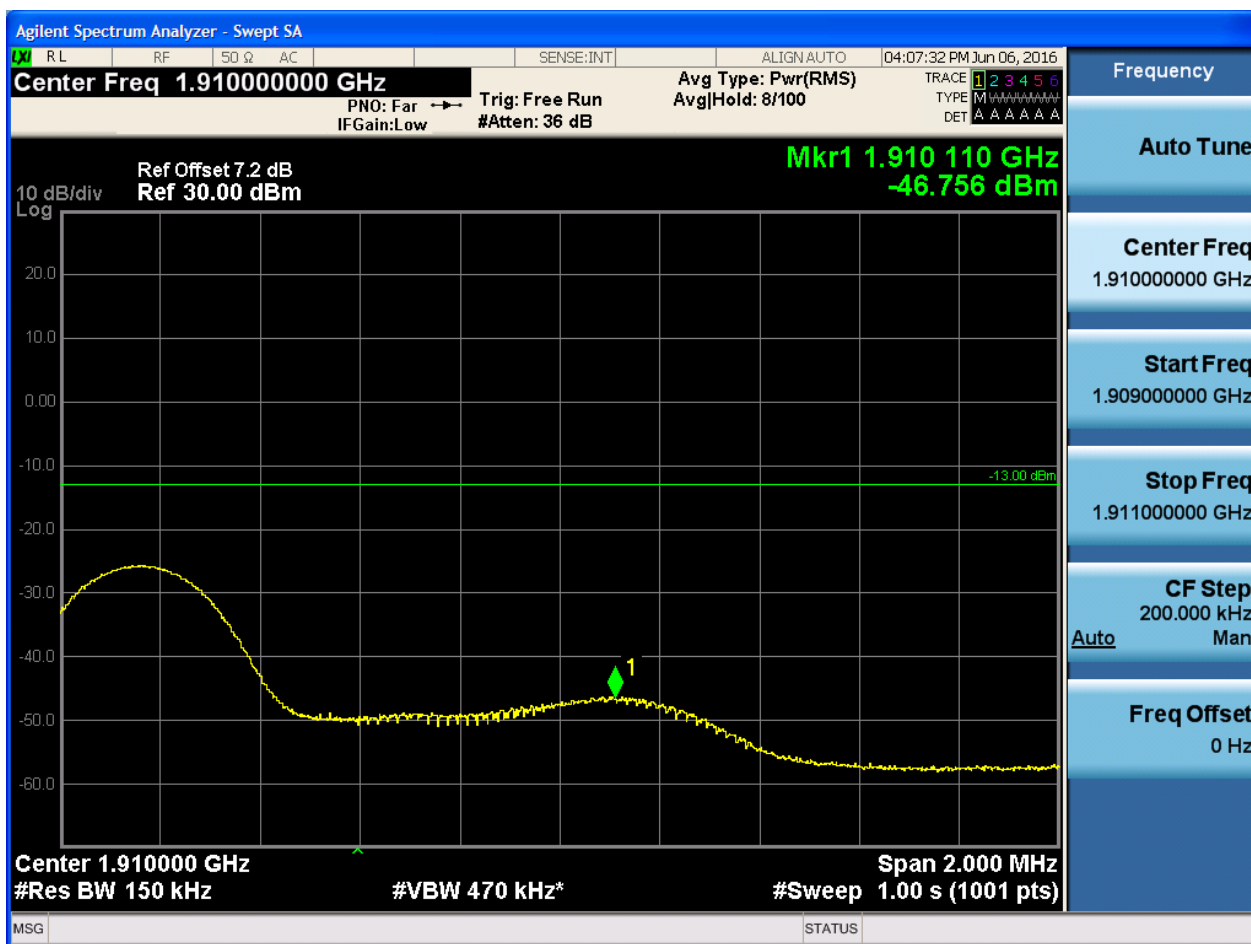
## 5.1.1.1.5.1.4 Test RB = RB75#0





## 5.1.1.1.5.2 Test Channel = HCH

## 5.1.1.1.5.2.1 Test RB = RB1#0





## 5.1.1.1.5.2.2 Test RB = RB1#74





## 5.1.1.1.5.2.3 Test RB = RB38#19





## 5.1.1.1.5.2.4 Test RB = RB75#0



### 5.1.1.1.6 Test Bandwidth = 20

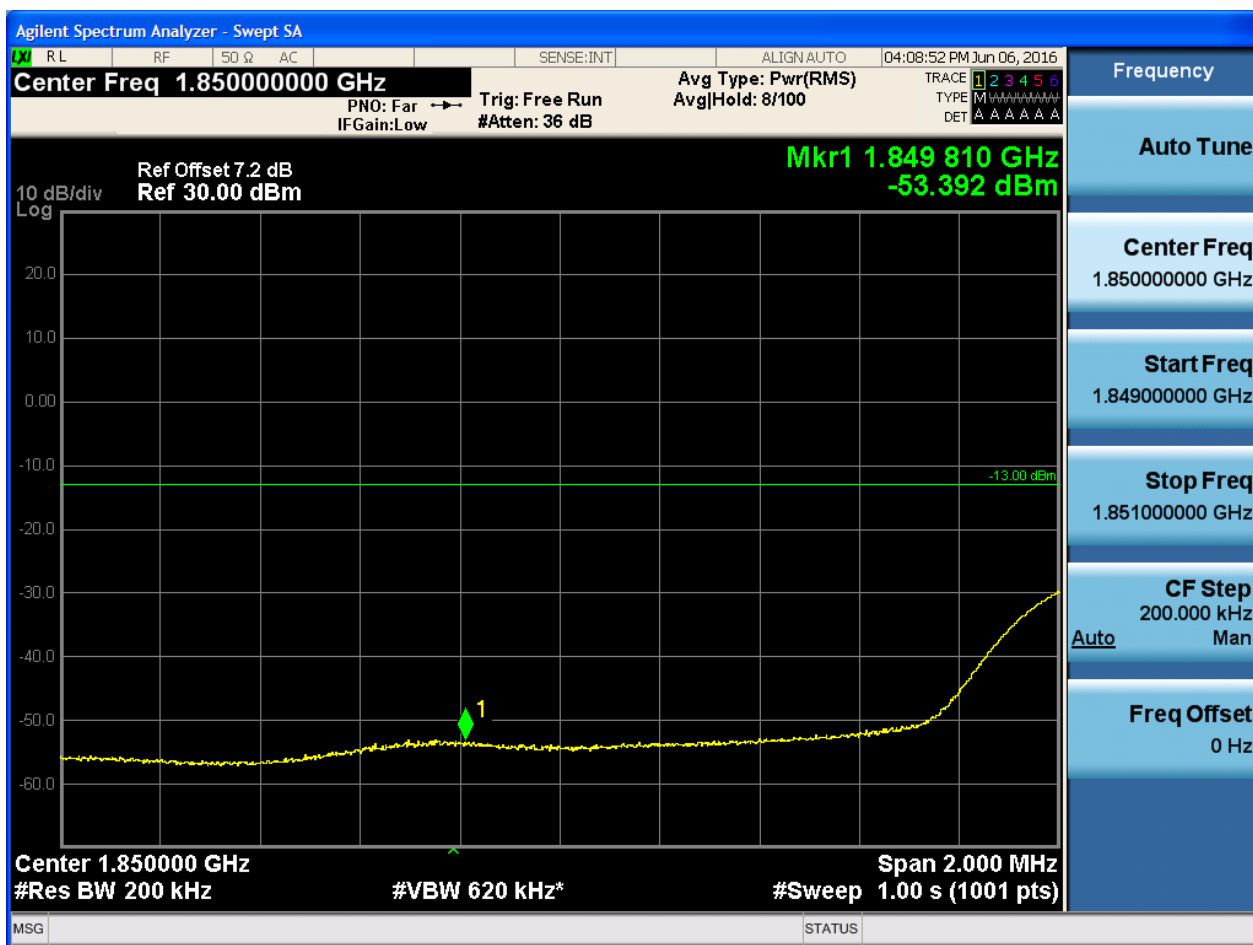
#### 5.1.1.1.6.1 Test Channel = LCH

##### 5.1.1.1.6.1.1 Test RB = RB1#0





## 5.1.1.1.6.1.2 Test RB = RB1#99





## 5.1.1.1.6.1.3 Test RB = RB50#25





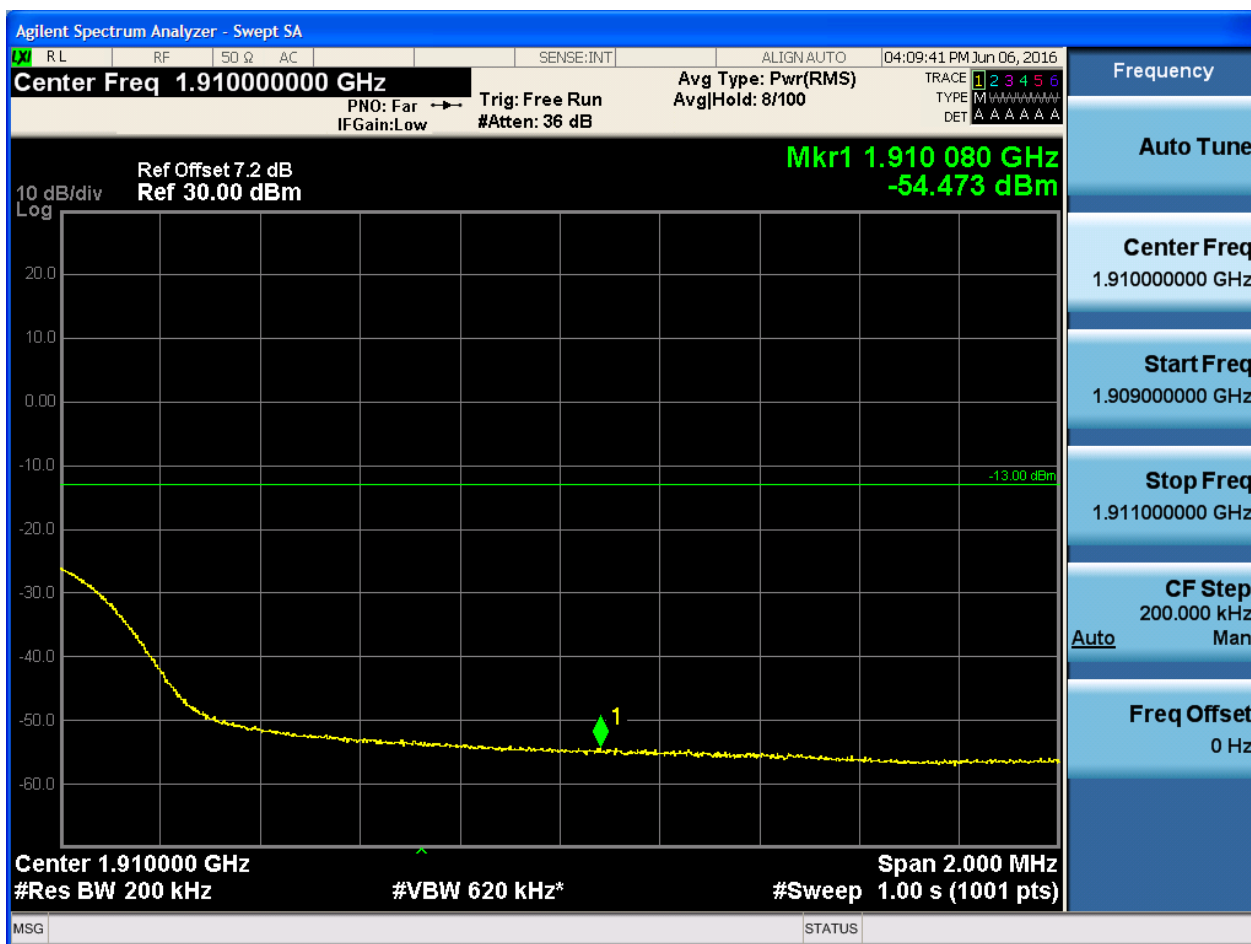
## 5.1.1.1.6.1.4 Test RB = RB100#0





## 5.1.1.1.6.2 Test Channel = HCH

## 5.1.1.1.6.2.1 Test RB = RB1#0





## 5.1.1.1.6.2.2 Test RB = RB1#99





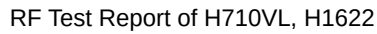
## 5.1.1.1.6.2.3 Test RB = RB50#25



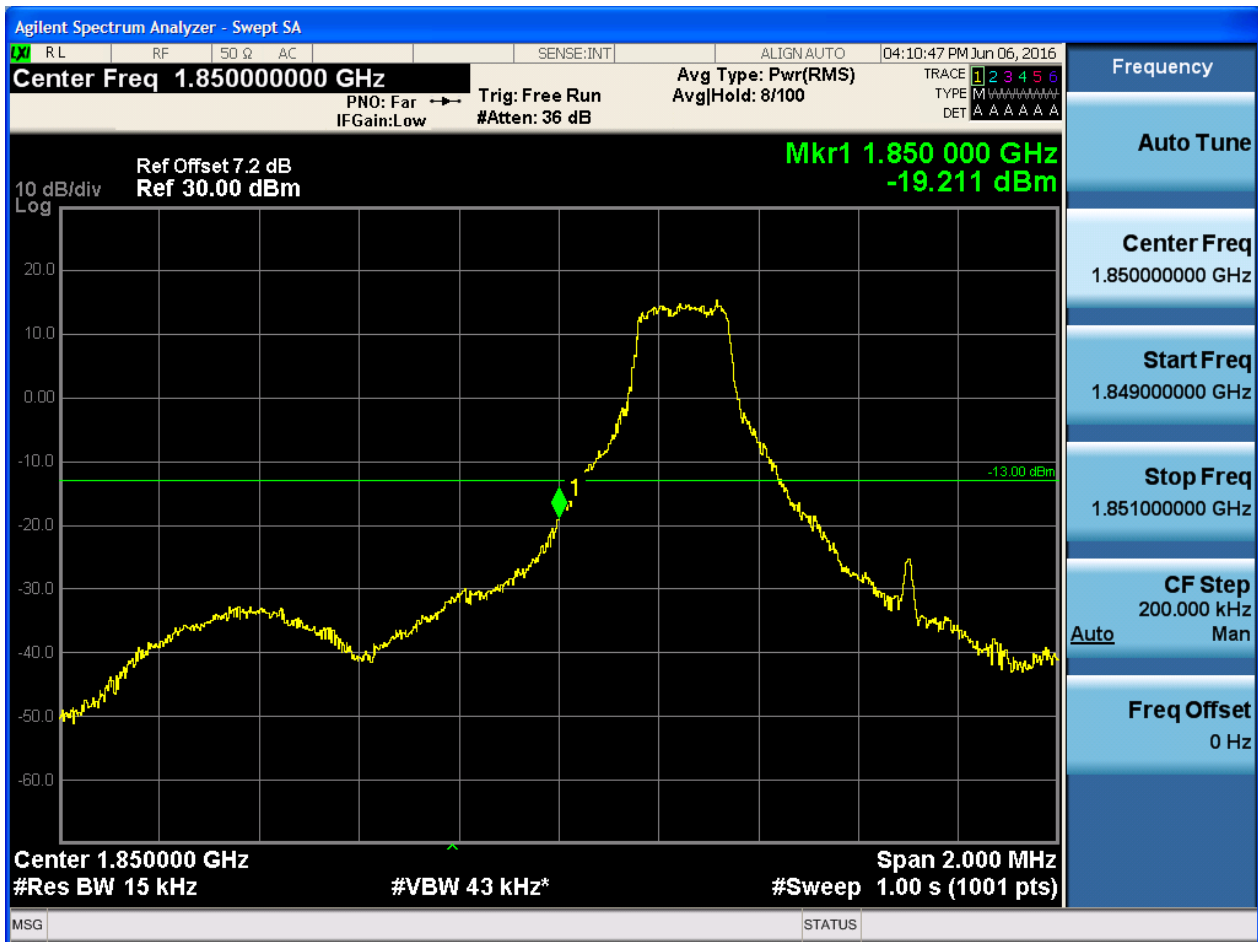


## 5.1.1.1.6.2.4 Test RB = RB100#0





#### 5.1.1.2.1.1.1 Test RB = RB1#0





## 5.1.1.2.1.2 Test RB = RB1#5



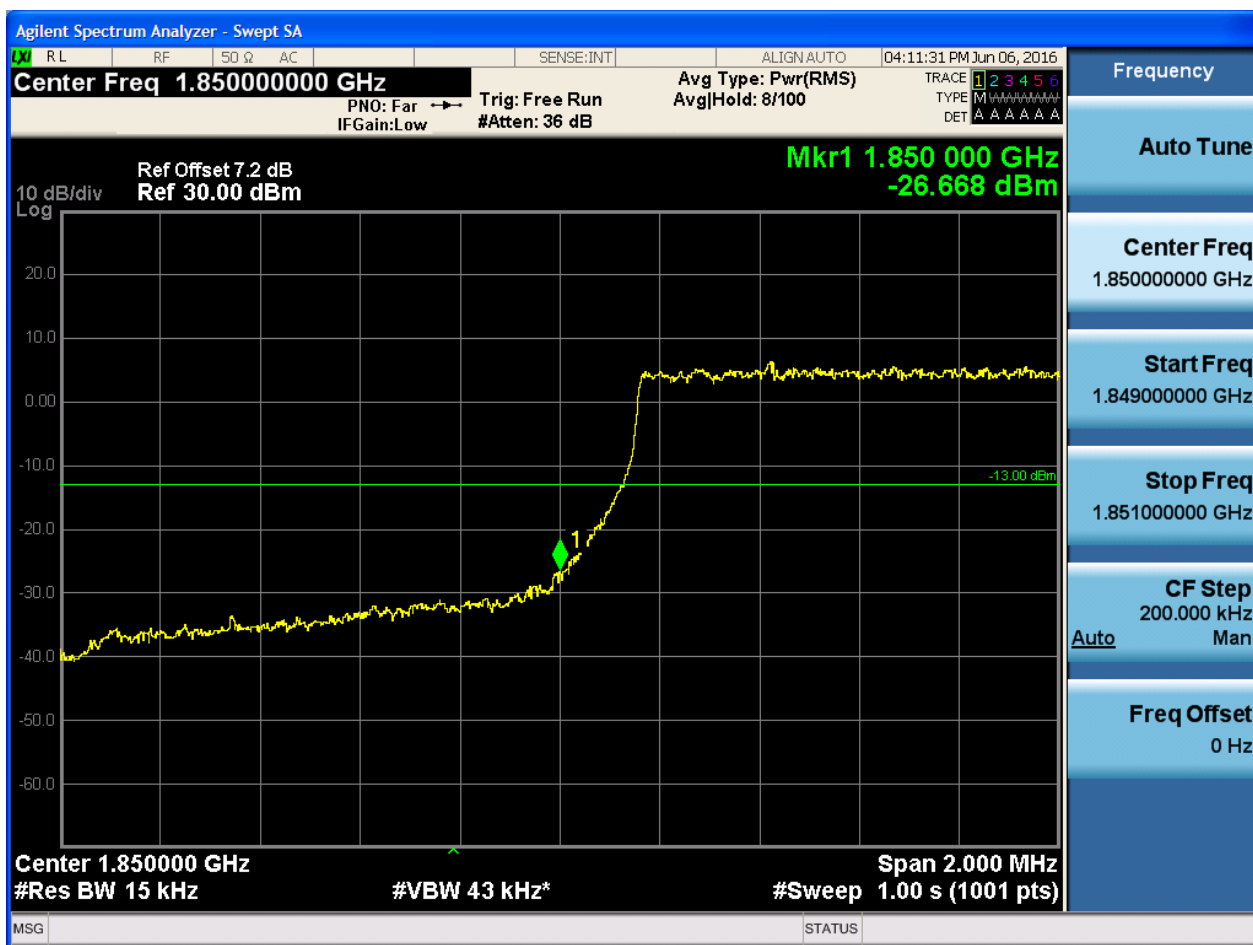


## 5.1.1.2.1.1.3 Test RB = RB3#2





## 5.1.1.2.1.1.4 Test RB = RB6#0





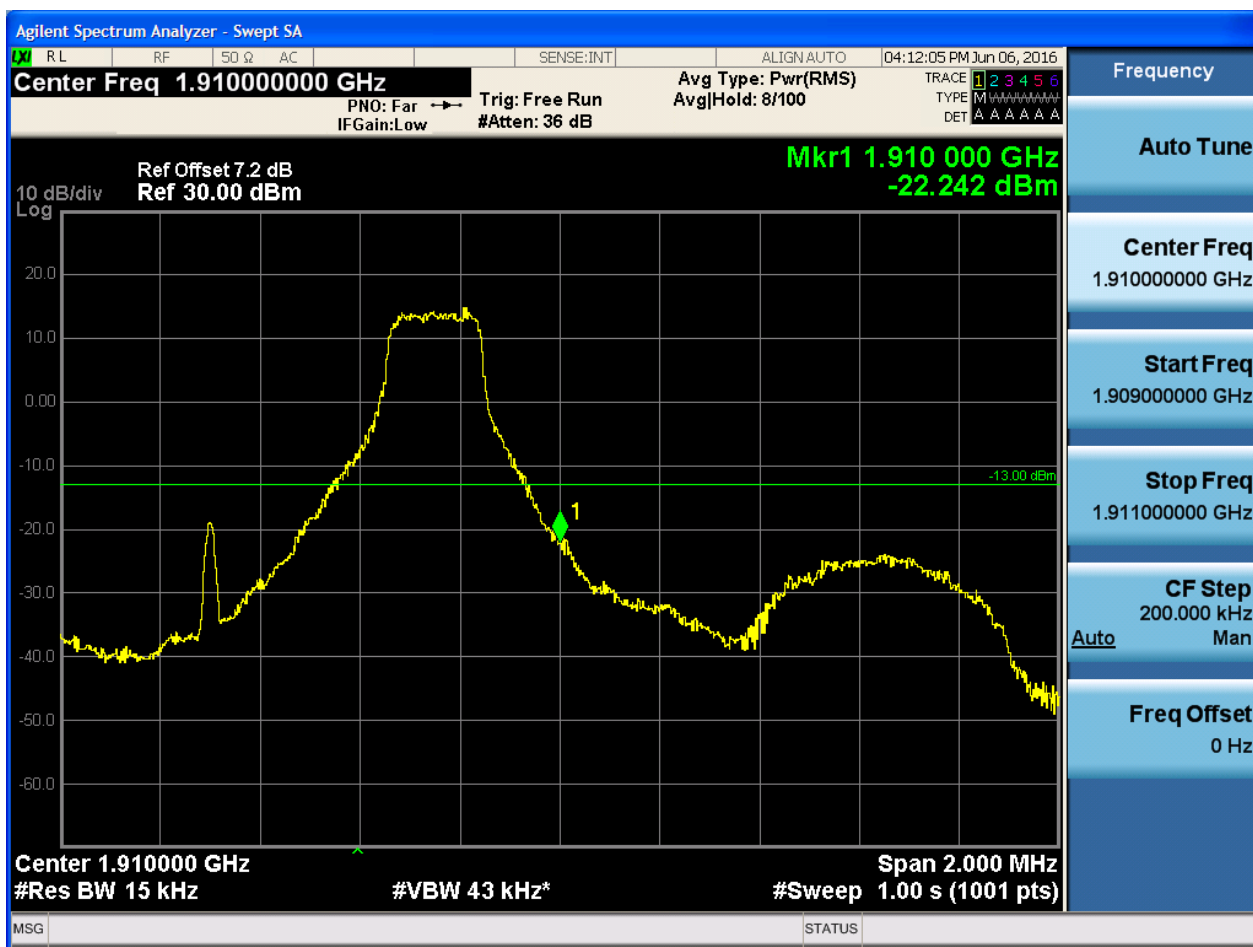
## 5.1.1.2.1.2 Test Channel = HCH

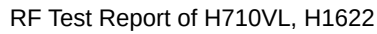
## 5.1.1.2.1.2.1 Test RB = RB1#0





## 5.1.1.2.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

Ref Offset 7.2 dB  
Ref 30.00 dBm

Mkr1 1.910 000 GHz  
-22.382 dBm

10 dB/div  
Log

Center 1.91000 GHz  
#Res BW 15 kHz  
#VBW 43 kHz\*

Span 2.000 MHz  
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq  
1.91000000 GHz

Start Freq  
1.909000000 GHz

Stop Freq  
1.911000000 GHz

CF Step  
200.000 kHz  
Man

Freq Offset  
0 Hz



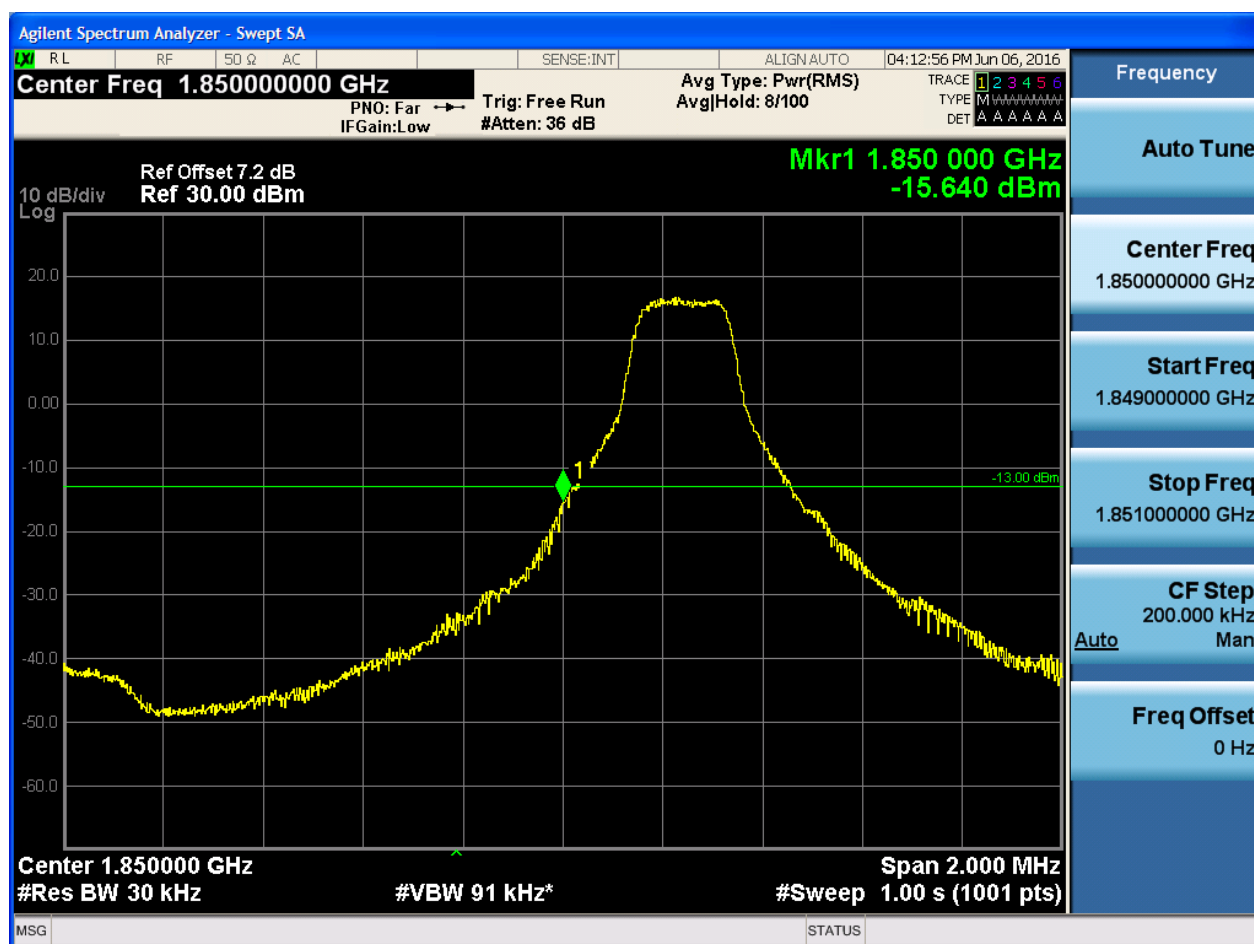
## 5.1.1.2.1.2.4 Test RB = RB6#0



#### 5.1.1.2.2 Test Bandwidth = 3

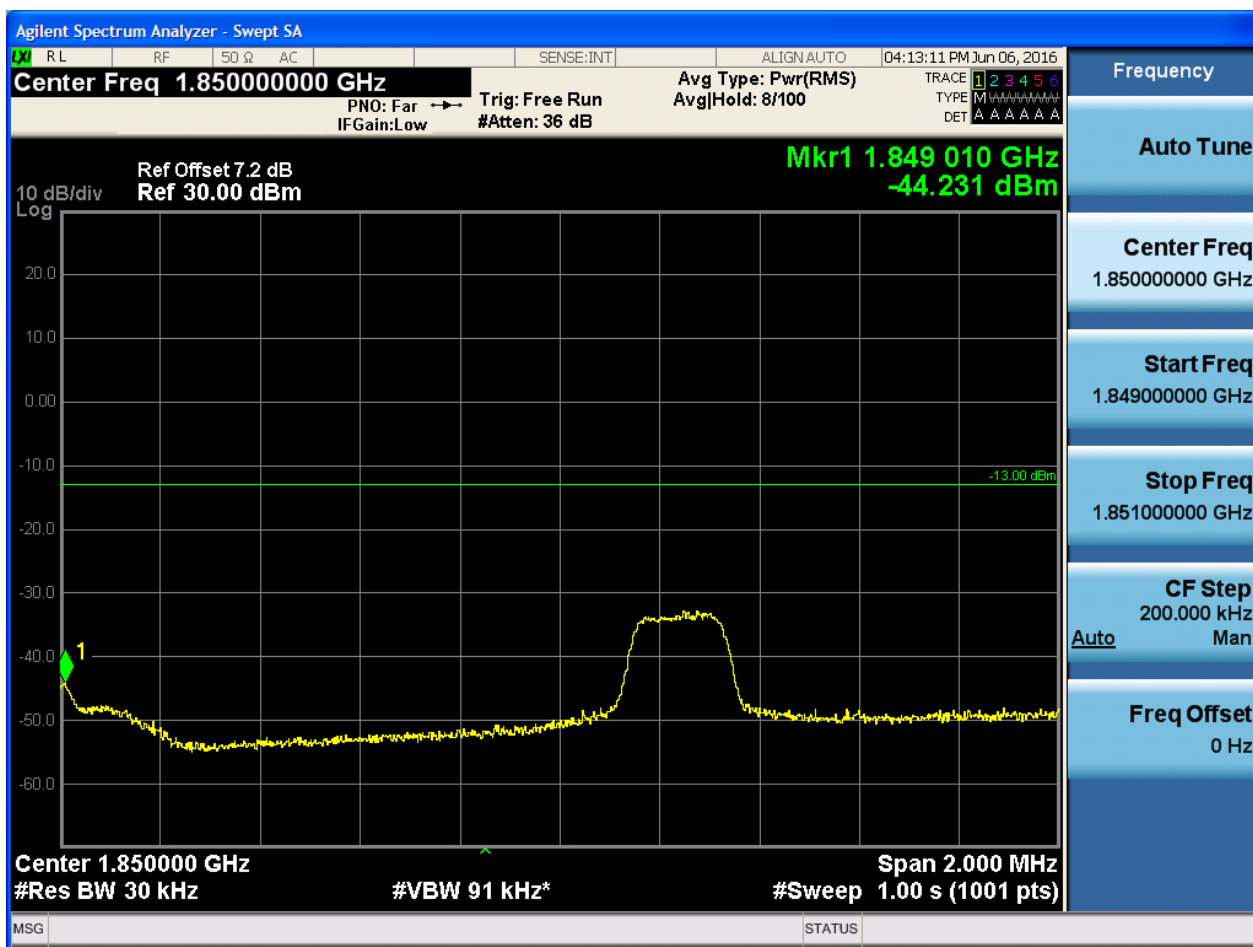
#### 5.1.1.2.2.1 Test Channel = LCH

#### 5.1.1.2.2.1.1 Test RB = RB1#0





## 5.1.1.2.2.1.2 Test RB = RB1#14





## 5.1.1.2.2.1.3 Test RB = RB8#4

