



# Appendix for test report

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

### Part I - Test Results

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| Band4          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 22.88         | 23.28      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.70         | 23.10      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.87         | 23.27      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.65         | 23.05      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.80         | 23.20      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.73         | 23.13      | 30          | PASS    |
|                |           |                | MCH          | RB6#0   | 21.69         | 22.09      | 30          | PASS    |
|                |           |                |              | RB1#0   | 22.94         | 23.34      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.88         | 23.28      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.89         | 23.29      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.89         | 23.29      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.50         | 22.90      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.79         | 23.19      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB6#0   | 21.86         | 22.26      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.22         | 23.62      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.93         | 23.33      | 30          | PASS    |
|                |           |                |              | RB1#5   | 23.08         | 23.48      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.92         | 23.32      | 30          | PASS    |
|                |           |                |              | RB3#2   | 23.07         | 23.47      | 30          | PASS    |
|                |           |                |              | RB3#3   | 23.04         | 23.44      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.95         | 22.35      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.79         | 23.19      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.58         | 22.98      | 30          | PASS    |
|                |           |                |              | RB1#14  | 23.02         | 23.42      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.99         | 22.39      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.78         | 22.18      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.78         | 22.18      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.77         | 22.17      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.97         | 23.37      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#7   | 22.66         | 23.06      | 30          | PASS    |
|                |           |                |              | RB1#14  | 23.01         | 23.41      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.96         | 22.36      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.99         | 22.39      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.95         | 22.35      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.95         | 22.35      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.06         | 23.46      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.71         | 23.11      | 30          | PASS    |
|                |           |                |              | RB1#14  | 23.19         | 23.59      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.91         | 22.31      | 30          | PASS    |
|                |           |                |              | RB8#4   | 22.04         | 22.44      | 30          | PASS    |
|                |           |                |              | RB8#7   | 22.07         | 22.47      | 30          | PASS    |
|                |           |                |              | RB15#0  | 22.10         | 22.50      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.81         | 23.21      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.93         | 23.33      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.96         | 23.36      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB12#0  | 21.88         | 22.28      | 30          | PASS    |
|                |           |                |              | RB12#6  | 21.86         | 22.26      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.90         | 22.30      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.88         | 22.28      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 23.01         | 23.41      | 30          | PASS    |
|                |           |                |              | RB1#13  | 23.18         | 23.58      | 30          | PASS    |
|                |           |                |              | RB1#24  | 23.17         | 23.57      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.10         | 22.50      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.10         | 22.50      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.94         | 22.34      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.92         | 22.32      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 23.03         | 23.43      | 30          | PASS    |
|                |           |                |              | RB1#13  | 23.19         | 23.59      | 30          | PASS    |
|                |           |                |              | RB1#24  | 23.14         | 23.54      | 30          | PASS    |
|                |           |                |              | RB12#0  | 22.18         | 22.58      | 30          | PASS    |
|                |           |                |              | RB12#6  | 22.02         | 22.42      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB12#13 | 22.15         | 22.55      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.18         | 22.58      | 30          | PASS    |
|                |           | 10             | LCH          | RB1#0   | 22.81         | 23.21      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.85         | 23.25      | 30          | PASS    |
|                |           |                |              | RB1#49  | 23.02         | 23.42      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.95         | 22.35      | 30          | PASS    |
|                |           |                |              | RB25#13 | 22.04         | 22.44      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.90         | 22.30      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.93         | 22.33      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.98         | 23.38      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.94         | 23.34      | 30          | PASS    |
|                |           |                |              | RB1#49  | 23.04         | 23.44      | 30          | PASS    |
|                |           |                |              | RB25#0  | 22.05         | 22.45      | 30          | PASS    |
|                |           |                |              | RB25#13 | 22.05         | 22.45      | 30          | PASS    |
|                |           |                |              | RB25#25 | 22.05         | 22.45      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.07         | 22.47      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                | HCH          | RB1#0   | 23.01         | 23.41      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.94         | 23.34      | 30          | PASS    |
|                |           |                |              | RB1#49  | 23.11         | 23.51      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.96         | 22.36      | 30          | PASS    |
|                |           |                |              | RB25#13 | 22.14         | 22.54      | 30          | PASS    |
|                |           |                |              | RB25#25 | 22.03         | 22.43      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.05         | 22.45      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 23.19         | 23.59      | 30          | PASS    |
|                |           |                |              | RB1#38  | 23.04         | 23.44      | 30          | PASS    |
|                |           |                |              | RB1#74  | 23.01         | 23.41      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.89         | 22.29      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.90         | 22.30      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.98         | 22.38      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.92         | 22.32      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.91         | 23.31      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.96         | 23.36      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#74  | 23.08         | 23.48      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.12         | 22.52      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.14         | 22.54      | 30          | PASS    |
|                |           |                |              | RB38#39 | 22.04         | 22.44      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22.18         | 22.58      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.98         | 23.38      | 30          | PASS    |
|                |           |                |              | RB1#38  | 23.19         | 23.59      | 30          | PASS    |
|                |           |                |              | RB1#74  | 23.09         | 23.49      | 30          | PASS    |
|                |           |                |              | RB38#0  | 22.21         | 22.61      | 30          | PASS    |
|                |           |                |              | RB38#19 | 22.19         | 22.59      | 30          | PASS    |
|                |           |                |              | RB38#39 | 22.14         | 22.54      | 30          | PASS    |
|                |           |                |              | RB75#0  | 22.19         | 22.59      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.78         | 23.18      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.71         | 23.11      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.86         | 23.26      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.94         | 22.34      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB50#25 | 21.89         | 22.29      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.94         | 22.34      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.61         | 22.01      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.74         | 23.14      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.64         | 23.04      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.87         | 23.27      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.01         | 22.41      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.99         | 22.39      | 30          | PASS    |
|                |           |                |              | RB50#50 | 22.01         | 22.41      | 30          | PASS    |
|                |           |                |              | RB100#0 | 21.50         | 21.90      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.75         | 23.15      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.80         | 23.20      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.95         | 23.35      | 30          | PASS    |
|                |           |                |              | RB50#0  | 22.19         | 22.59      | 30          | PASS    |
|                |           |                |              | RB50#25 | 22.07         | 22.47      | 30          | PASS    |
|                |           |                |              | RB50#50 | 22.21         | 22.61      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                | LTE/TM2   | 1.4            | LCH          | RB100#0 | 21.55         | 21.95      | 30          | PASS    |
|                |           |                |              | RB1#0   | 21.94         | 22.34      | 30          | PASS    |
|                |           |                |              | RB1#3   | 21.22         | 21.62      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.89         | 22.29      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.80         | 22.20      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.75         | 22.15      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.68         | 22.08      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.72         | 21.12      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.49         | 22.89      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.08         | 22.48      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.18         | 22.58      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.98         | 22.38      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.64         | 22.04      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.99         | 22.39      | 30          | PASS    |
|                |           |                |              | RB6#0   | 20.73         | 21.13      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.38         | 22.78      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#3   | 22.16         | 22.56      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.09         | 22.49      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.00         | 22.40      | 30          | PASS    |
|                |           |                |              | RB3#2   | 21.89         | 22.29      | 30          | PASS    |
|                |           |                |              | RB3#3   | 21.98         | 22.38      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.10         | 21.50      | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.07         | 22.47      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.02         | 22.42      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.32         | 22.72      | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.75         | 21.15      | 30          | PASS    |
|                |           |                |              | RB8#4   | 20.82         | 21.22      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.73         | 21.13      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.73         | 21.13      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.06         | 22.46      | 30          | PASS    |
|                |           |                |              | RB1#7   | 21.84         | 22.24      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.37         | 22.77      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB8#0   | 20.95         | 21.35      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.04         | 21.44      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.00         | 21.40      | 30          | PASS    |
|                |           |                |              | RB15#0  | 20.95         | 21.35      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.68         | 23.08      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.46         | 22.86      | 30          | PASS    |
|                |           |                |              | RB1#14  | 22.72         | 23.12      | 30          | PASS    |
|                |           |                |              | RB8#0   | 20.87         | 21.27      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.06         | 21.46      | 30          | PASS    |
|                |           |                |              | RB8#7   | 20.87         | 21.27      | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.08         | 21.48      | 30          | PASS    |
|                |           | 5              | LCH          | RB1#0   | 22.26         | 22.66      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.32         | 22.72      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.36         | 22.76      | 30          | PASS    |
|                |           |                |              | RB12#0  | 20.86         | 21.26      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.82         | 21.22      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB12#13 | 20.90         | 21.30      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.83         | 21.23      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.44         | 22.84      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.40         | 22.80      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.40         | 22.80      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.08         | 21.48      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.74         | 21.14      | 30          | PASS    |
|                |           |                |              | RB12#13 | 20.92         | 21.32      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.89         | 21.29      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.34         | 22.74      | 30          | PASS    |
|                |           |                |              | RB1#13  | 22.34         | 22.74      | 30          | PASS    |
|                |           |                |              | RB1#24  | 22.46         | 22.86      | 30          | PASS    |
|                |           |                |              | RB12#0  | 21.14         | 21.54      | 30          | PASS    |
|                |           |                |              | RB12#6  | 20.83         | 21.23      | 30          | PASS    |
|                |           |                |              | RB12#13 | 21.19         | 21.59      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.06         | 21.46      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           | 10             | LCH          | RB1#0   | 22.11         | 22.51      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.70         | 22.10      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.20         | 22.60      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.94         | 21.34      | 30          | PASS    |
|                |           |                |              | RB25#13 | 20.99         | 21.39      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.90         | 21.30      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.89         | 21.29      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.09         | 22.49      | 30          | PASS    |
|                |           |                |              | RB1#25  | 21.48         | 21.88      | 30          | PASS    |
|                |           |                |              | RB1#49  | 22.09         | 22.49      | 30          | PASS    |
|                |           |                |              | RB25#0  | 21.02         | 21.42      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.00         | 21.40      | 30          | PASS    |
|                |           |                |              | RB25#25 | 21.02         | 21.42      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.02         | 21.42      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.50         | 22.90      | 30          | PASS    |
|                |           |                |              | RB1#25  | 22.21         | 22.61      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB1#49  | 22.47         | 22.87      | 30          | PASS    |
|                |           |                |              | RB25#0  | 20.95         | 21.35      | 30          | PASS    |
|                |           |                |              | RB25#13 | 21.09         | 21.49      | 30          | PASS    |
|                |           |                |              | RB25#25 | 20.97         | 21.37      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.00         | 21.40      | 30          | PASS    |
|                |           | 15             | LCH          | RB1#0   | 22.56         | 22.96      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.45         | 22.85      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.47         | 22.87      | 30          | PASS    |
|                |           |                |              | RB38#0  | 20.90         | 21.30      | 30          | PASS    |
|                |           |                |              | RB38#19 | 20.88         | 21.28      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.99         | 21.39      | 30          | PASS    |
|                |           |                |              | RB75#0  | 20.86         | 21.26      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.16         | 22.56      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.12         | 22.52      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.34         | 22.74      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.09         | 21.49      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB38#19 | 21.06         | 21.46      | 30          | PASS    |
|                |           |                |              | RB38#39 | 20.95         | 21.35      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.09         | 21.49      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.36         | 22.76      | 30          | PASS    |
|                |           |                |              | RB1#38  | 22.25         | 22.65      | 30          | PASS    |
|                |           |                |              | RB1#74  | 22.27         | 22.67      | 30          | PASS    |
|                |           |                |              | RB38#0  | 21.09         | 21.49      | 30          | PASS    |
|                |           |                |              | RB38#19 | 21.10         | 21.50      | 30          | PASS    |
|                |           |                |              | RB38#39 | 21.02         | 21.42      | 30          | PASS    |
|                |           |                |              | RB75#0  | 21.09         | 21.49      | 30          | PASS    |
|                |           | 20             | LCH          | RB1#0   | 22.07         | 22.46      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.03         | 22.43      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.13         | 22.53      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.87         | 21.27      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.85         | 21.25      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.03         | 21.43      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB100#0 | 20.89         | 21.29      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.22         | 22.62      | 30          | PASS    |
|                |           |                |              | RB1#50  | 21.97         | 22.37      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.18         | 22.58      | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.91         | 21.31      | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.93         | 21.33      | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.96         | 21.36      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.96         | 21.36      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.25         | 22.65      | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.15         | 22.55      | 30          | PASS    |
|                |           |                |              | RB1#99  | 22.25         | 22.65      | 30          | PASS    |
|                |           |                |              | RB50#0  | 21.06         | 21.46      | 30          | PASS    |
|                |           |                |              | RB50#25 | 21.01         | 21.41      | 30          | PASS    |
|                |           |                |              | RB50#50 | 21.16         | 21.56      | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.98         | 21.38      | 30          | PASS    |

Note1:

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

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

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

b, SGP = Signal Generator Level

Note2:

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

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

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

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

Detector: RMS

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

### Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| Band4              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.10         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.30         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.00         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.96         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.59         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.56         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.40         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.17         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#7   | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.24         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.16         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.10         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.29         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.52         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.26         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.42         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.63         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | MCH          | RB1#0   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.42         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.39         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.60         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.71         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.73         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.32         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.52         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.49         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.87         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.15         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.76         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#99  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.51         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.61         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.61         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.66         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.48         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.85         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.63         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.84         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 6.57         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.72         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.94         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.85         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.79         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.98         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 3                    |              | RB3#2   | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 7.21         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.69         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.74         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.60         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 7.09         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 7.13         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 7.13         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 7.12         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 7.48         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 7.32         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 7.30         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 7.17         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.67         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.17         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.83         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.83         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.73         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB25#0  | 7.11         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.00         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.78         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.79         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.12         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.24         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.80         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.93         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.22         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.24         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.37         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 6.30         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.25         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.77         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.99         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 6.60         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.40         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.27         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.31         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.28         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.69         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 6.30         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.66         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.04         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.30         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.06         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.85         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#38  | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.88         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.04         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.29         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.60         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 6.73         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 6.83         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.67         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.44         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.52         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.69         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 6.28         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.16         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.07         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.24         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.20         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.85         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.06         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.89         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.27         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.26         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.56         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.52         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.38         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

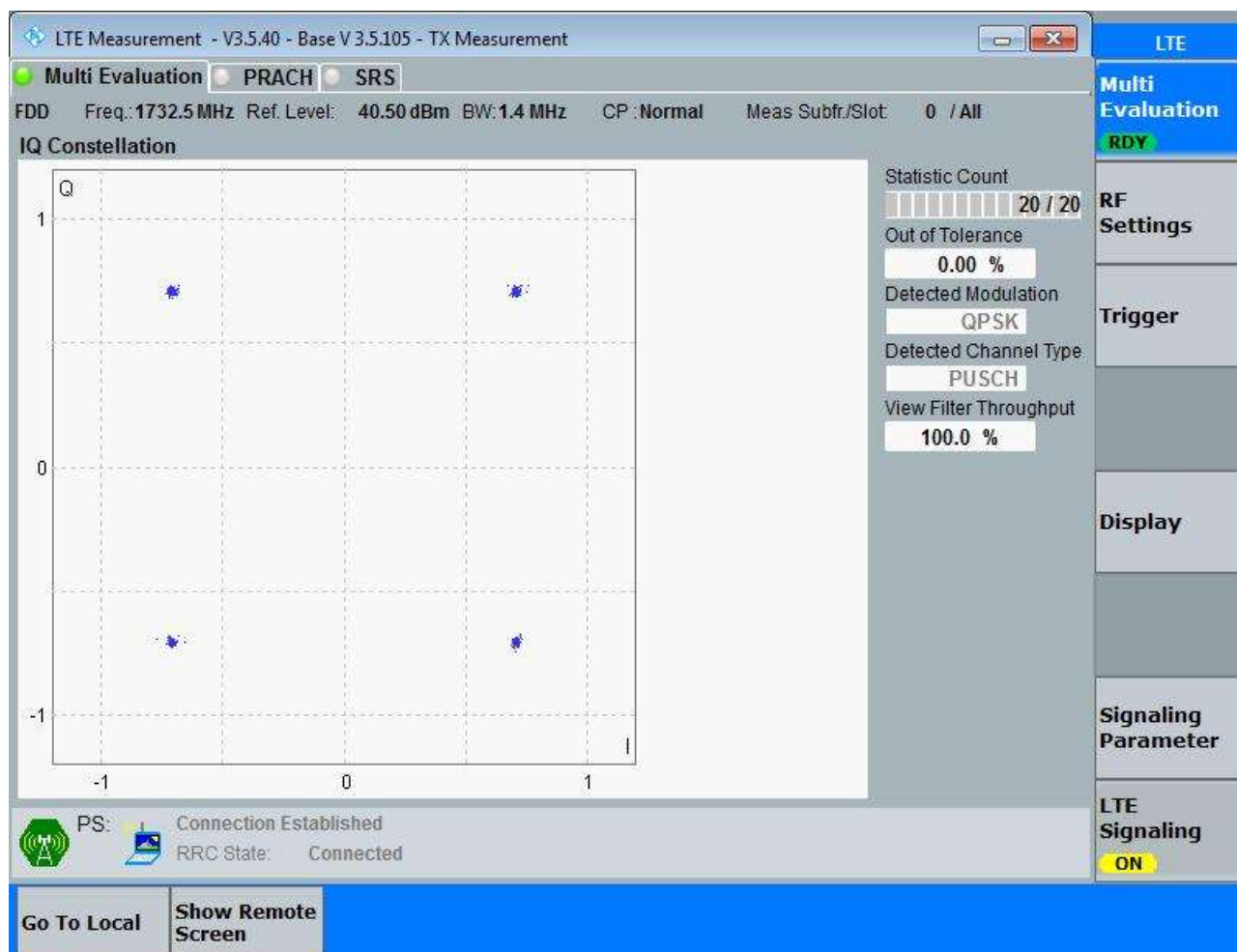
##### 3.1.1 Test Band = Band4

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 1.4

##### 3.1.1.1.1.1 Test Channel = MCH

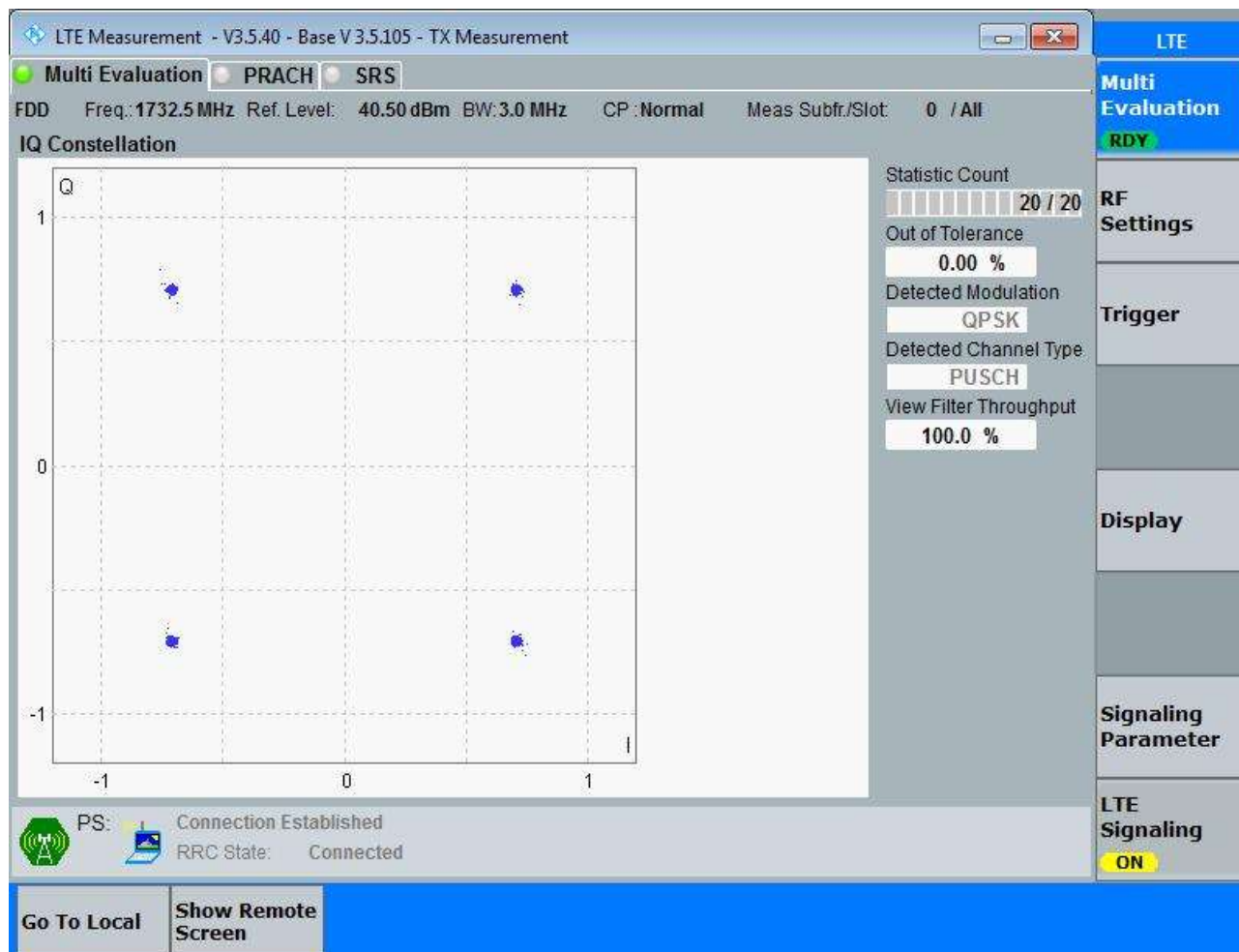
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

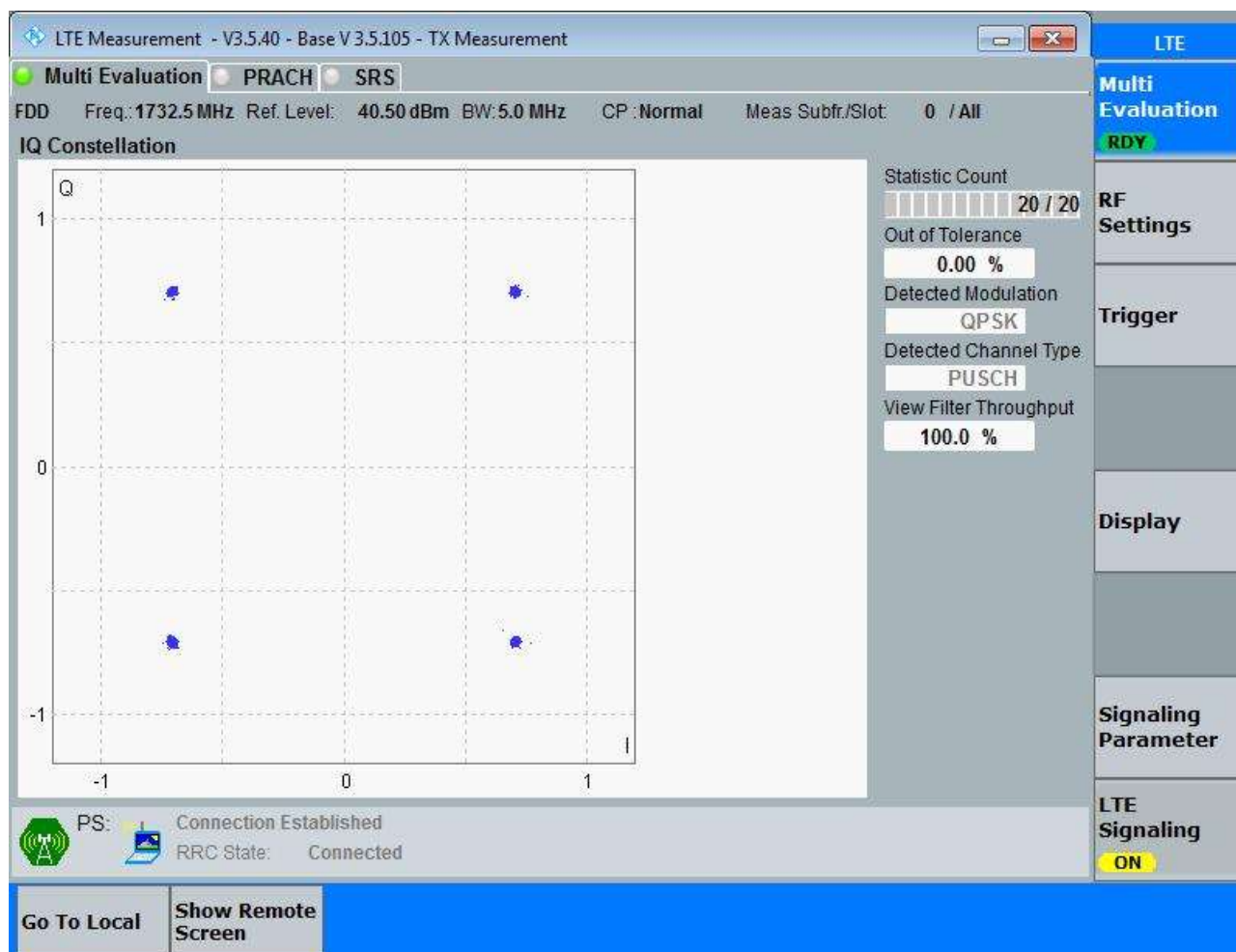
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

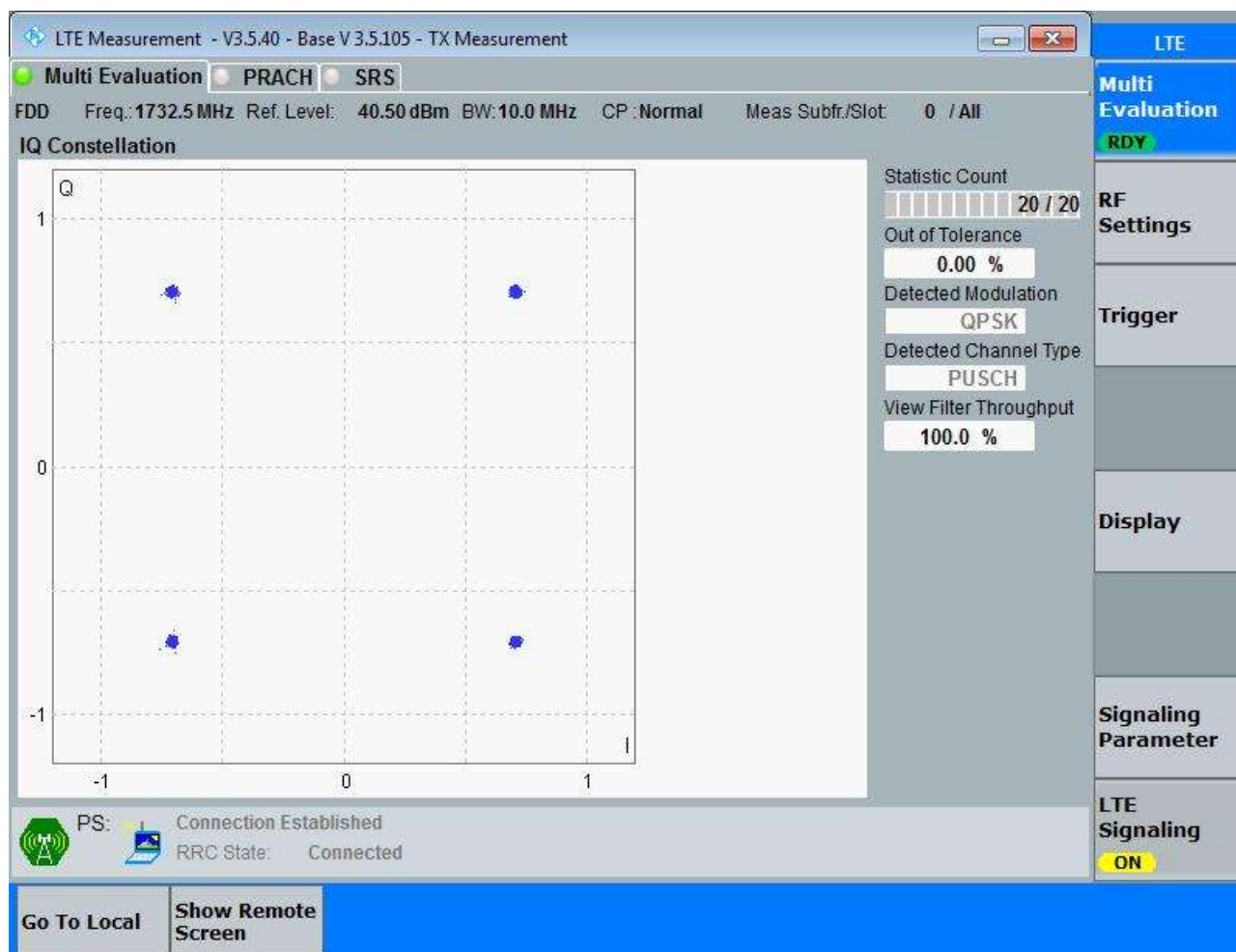
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

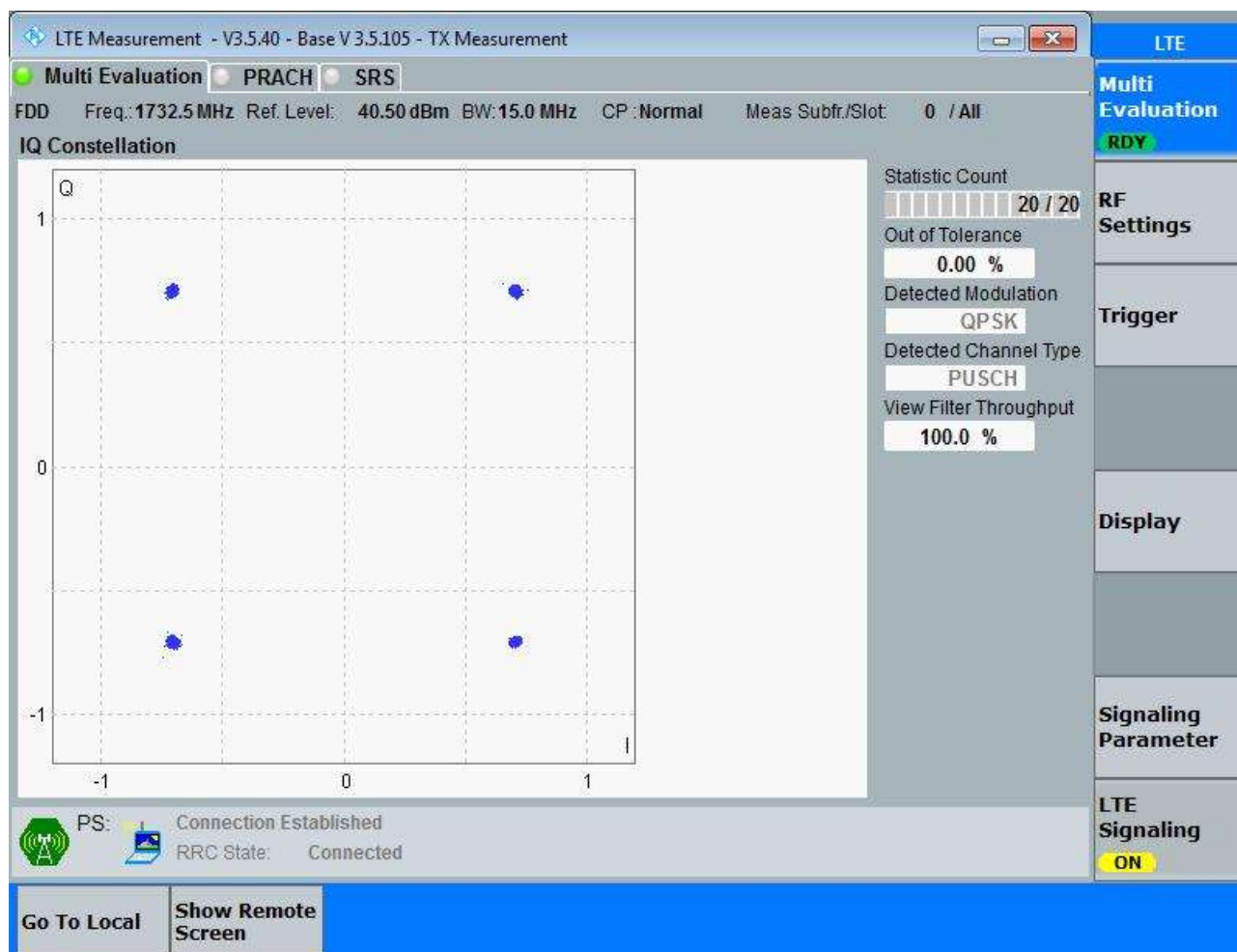
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

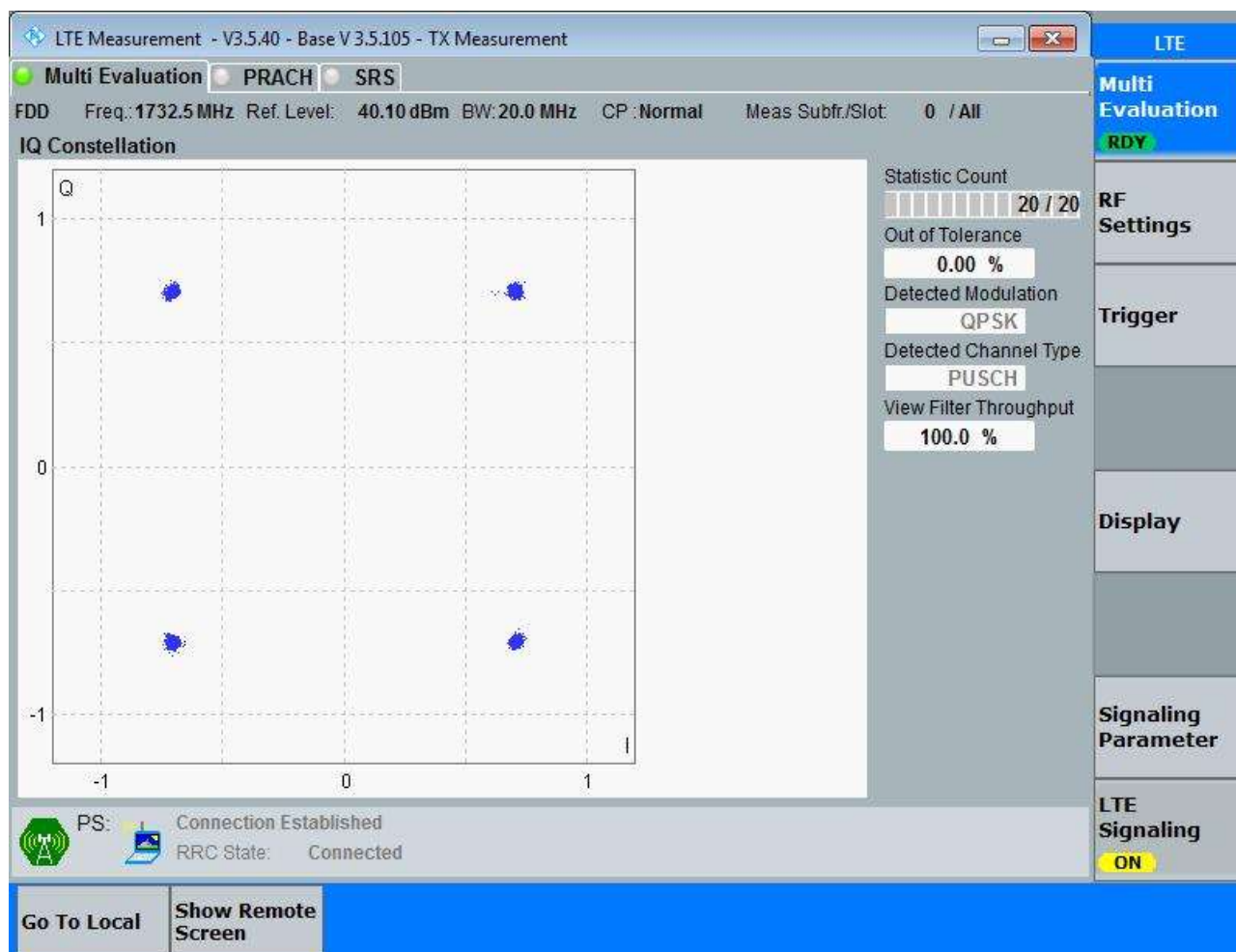
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0

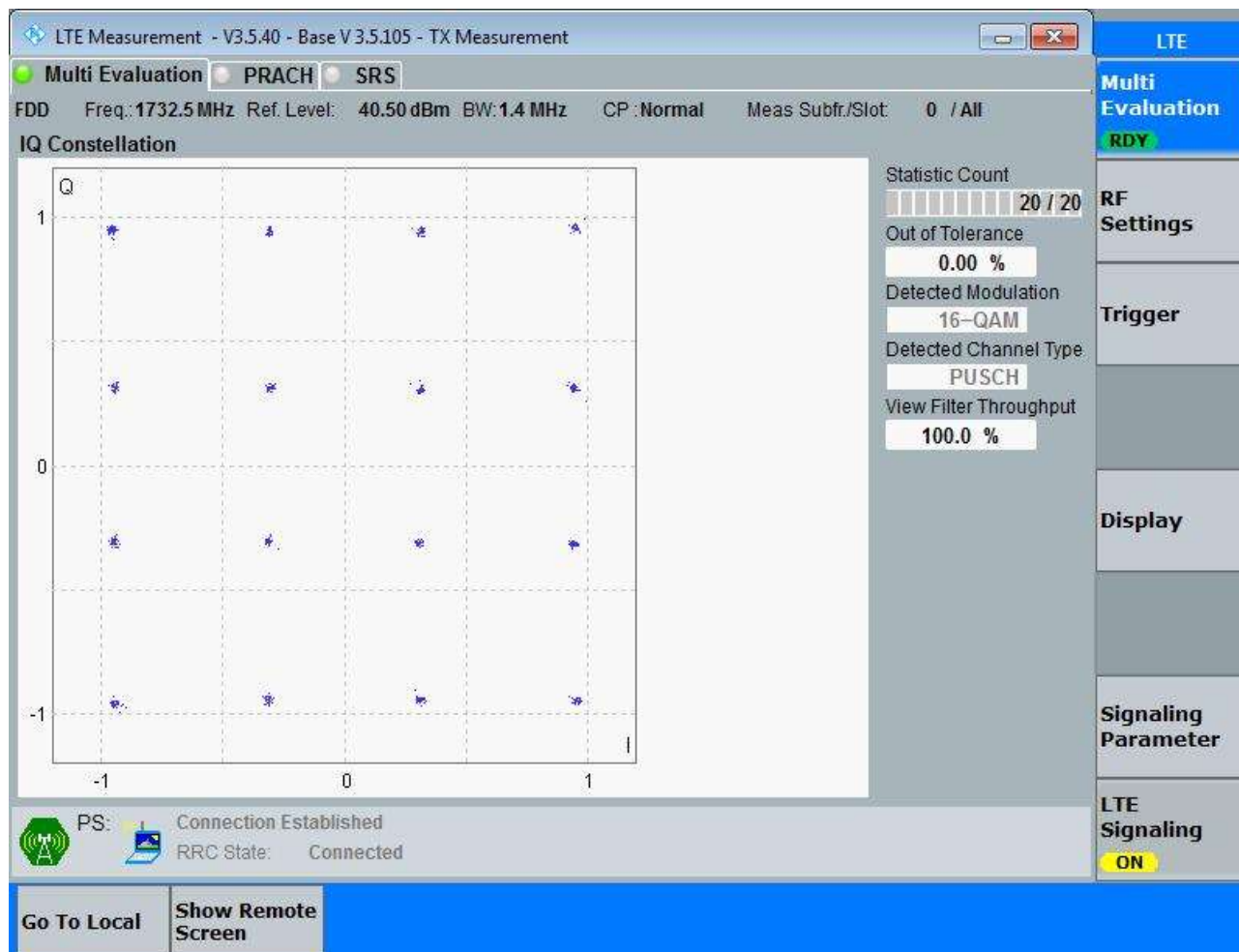


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

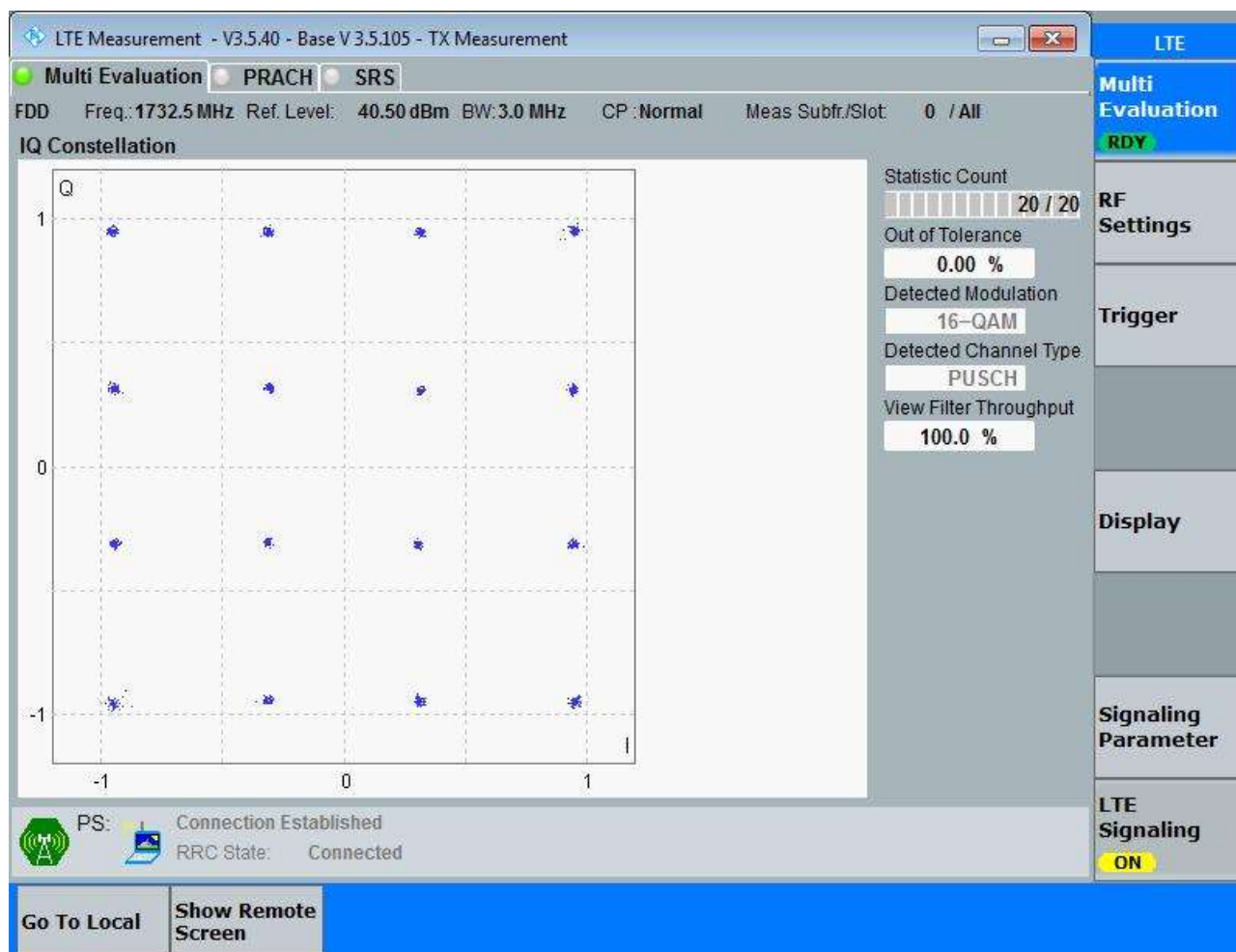
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

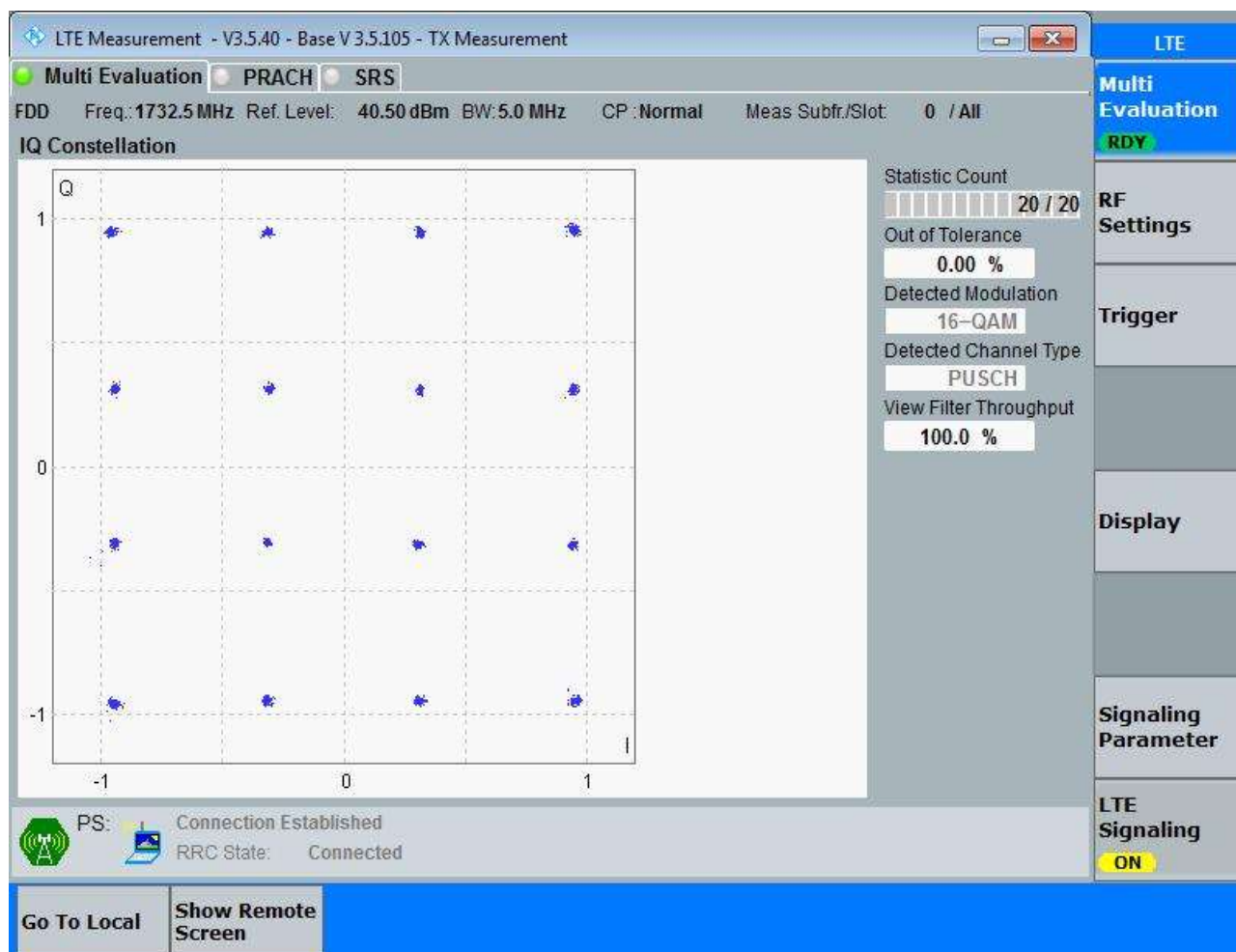
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

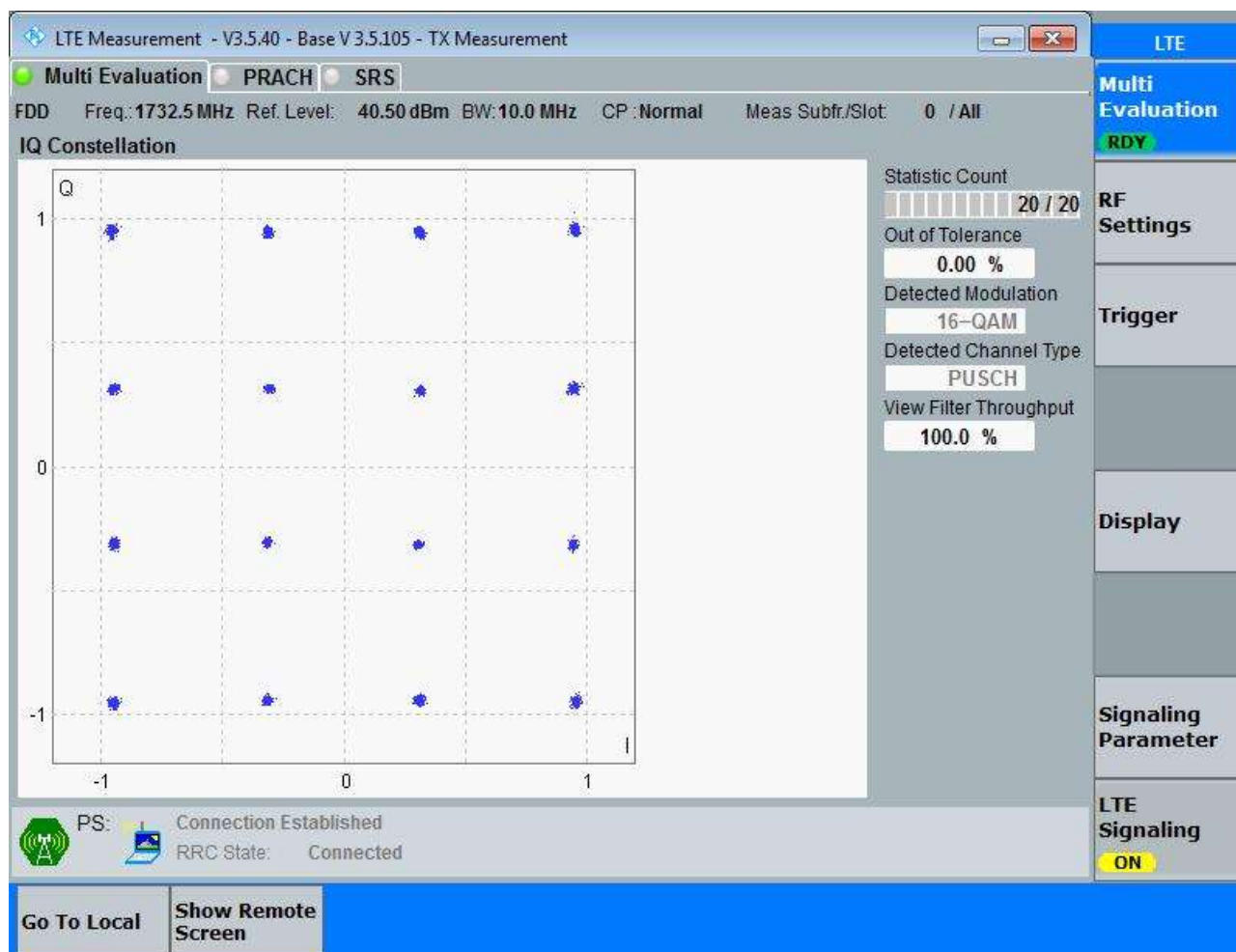
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

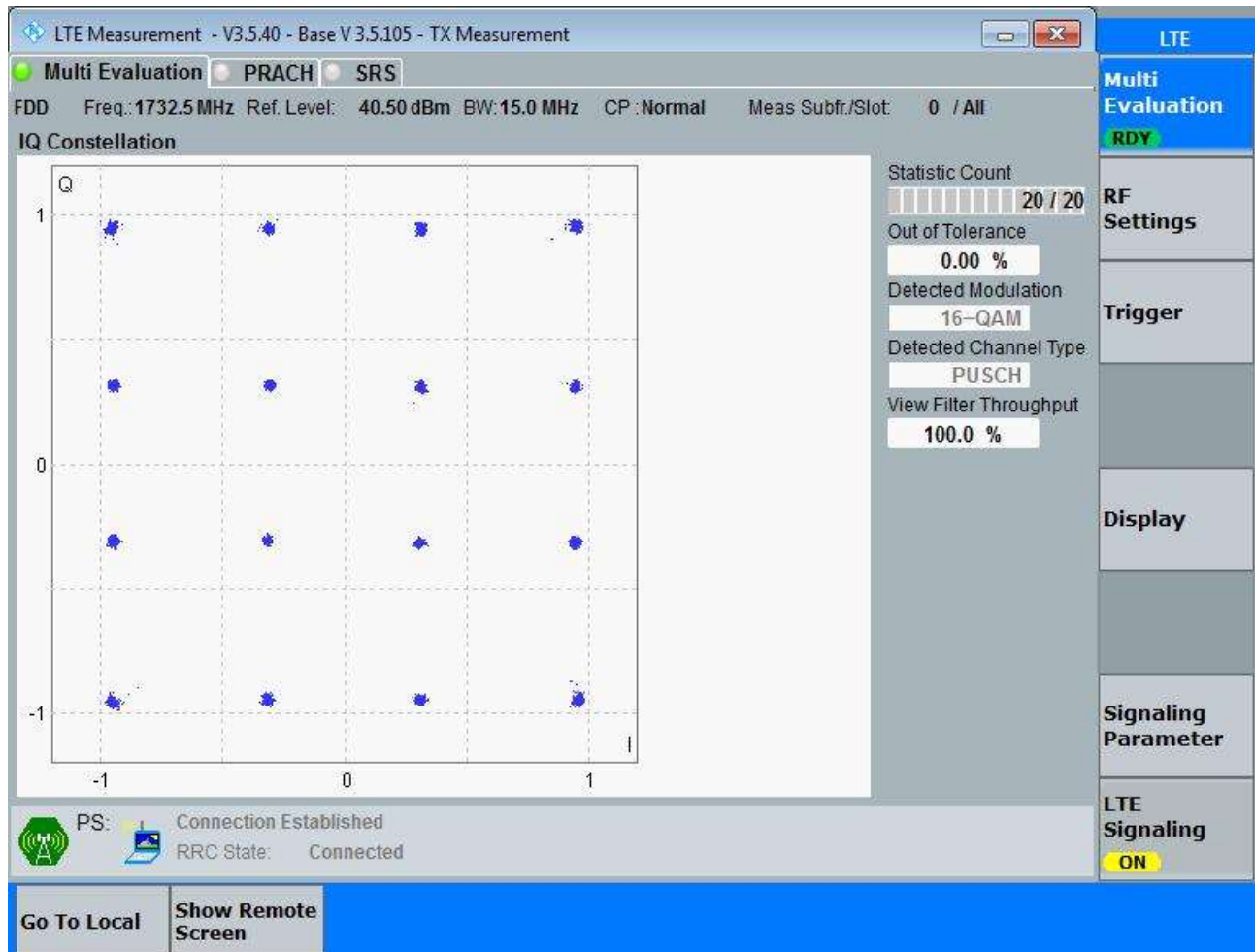
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

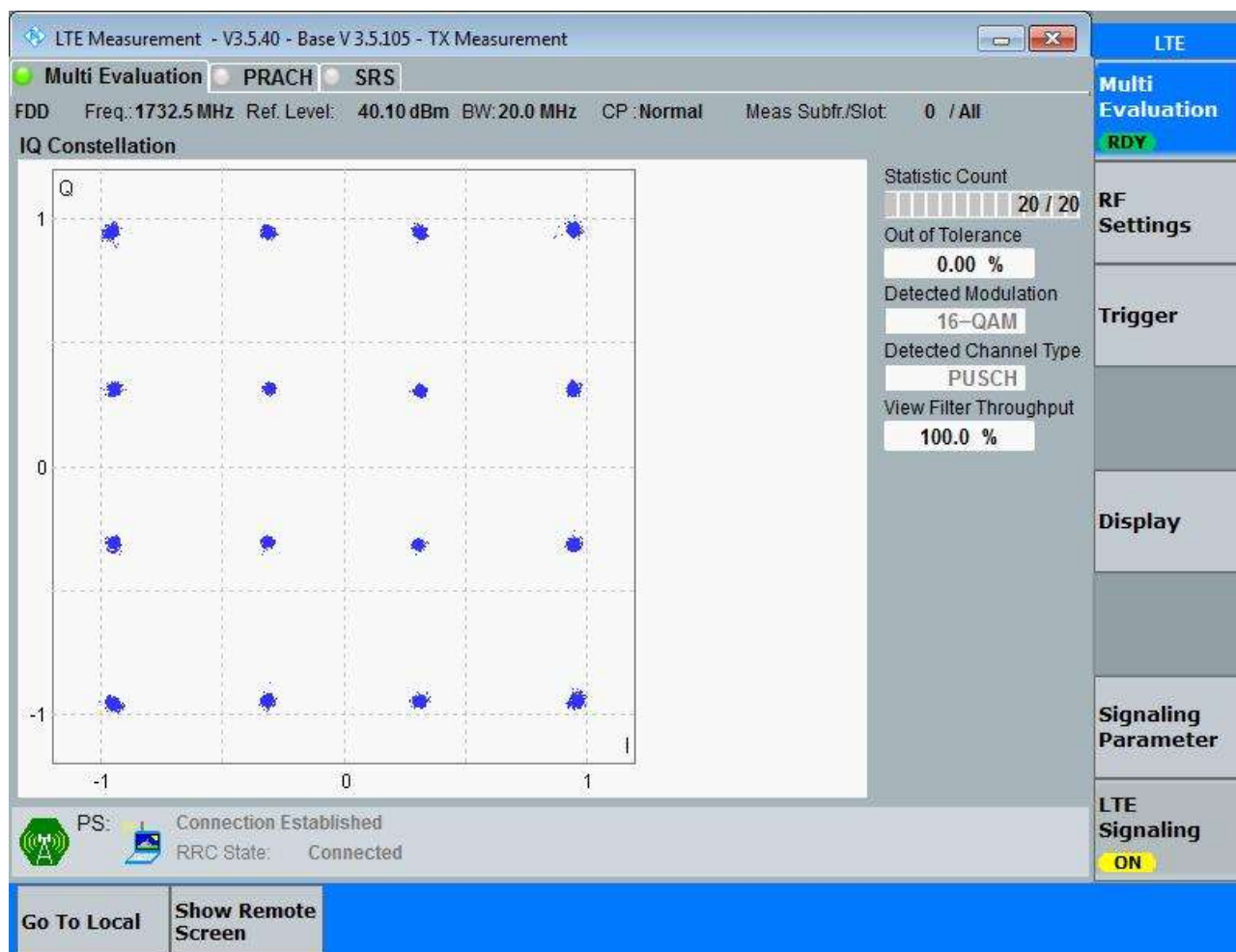
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 3.1.1.2.6 Test Bandwidth = 20

#### 3.1.1.2.6.1 Test Channel = MCH

##### 3.1.1.2.6.1.1 Test RB = RB100#0



## 4Appendix\_D: Bandwidth

### Part I - Test Results

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| Band4     | LTE/TM1   | 1.4            | LCH          | RB6#0   | 1.10                     | 1.23                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.23                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.10                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.98                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.97                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.70                     | 2.98                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.52                     | 4.95                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.51                     | 4.94                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.52                     | 4.96                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.03                     | 9.85                     | Pass    |
|           |           |                | MCH          | RB50#0  | 8.99                     | 9.88                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.89                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.53                    | 14.88                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.50                    | 14.92                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.49                    | 14.98                    | Pass    |
|           |           | 20             | LCH          | RB100#0 | 18.01                    | 19.79                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.96                    | 19.60                    | Pass    |
|           |           |                | HCH          | RB100#0 | 18.05                    | 19.80                    | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.24                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.72                     | 2.98                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.71                     | 2.99                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.97                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.52                     | 4.96                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.52                     | 4.96                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.52                     | 4.95                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 9.91                     | Pass    |
|           |           |                | MCH          | RB50#0  | 8.99                     | 9.89                     | Pass    |
|           |           |                | HCH          | RB50#0  | 9.01                     | 9.88                     | Pass    |
|           |           | 15             | LCH          | RB75#0  | 13.52                    | 14.97                    | Pass    |
|           |           |                | MCH          | RB75#0  | 13.49                    | 14.85                    | Pass    |
|           |           |                | HCH          | RB75#0  | 13.51                    | 14.94                    | Pass    |



| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
|           |           | 20             | LCH          | RB100#0 | 18.01                    | 19.71                    | Pass    |
|           |           |                | MCH          | RB100#0 | 17.96                    | 19.82                    | Pass    |
|           |           |                | HCH          | RB100#0 | 18.03                    | 19.70                    | Pass    |

## Part II - Test Plots

### 4.1 For LTE

#### 4.1.1 Test Band = Band4

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

##### 4.1.1.1.1 Test Bandwidth = 1.4

##### 4.1.1.1.1.1 Test Channel = LCH

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



#### 4.1.1.1.1.2 Test Channel = MCH

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



#### 4.1.1.1.1.3 Test Channel = HCH

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



#### 4.1.1.1.2 Test Bandwidth = 3

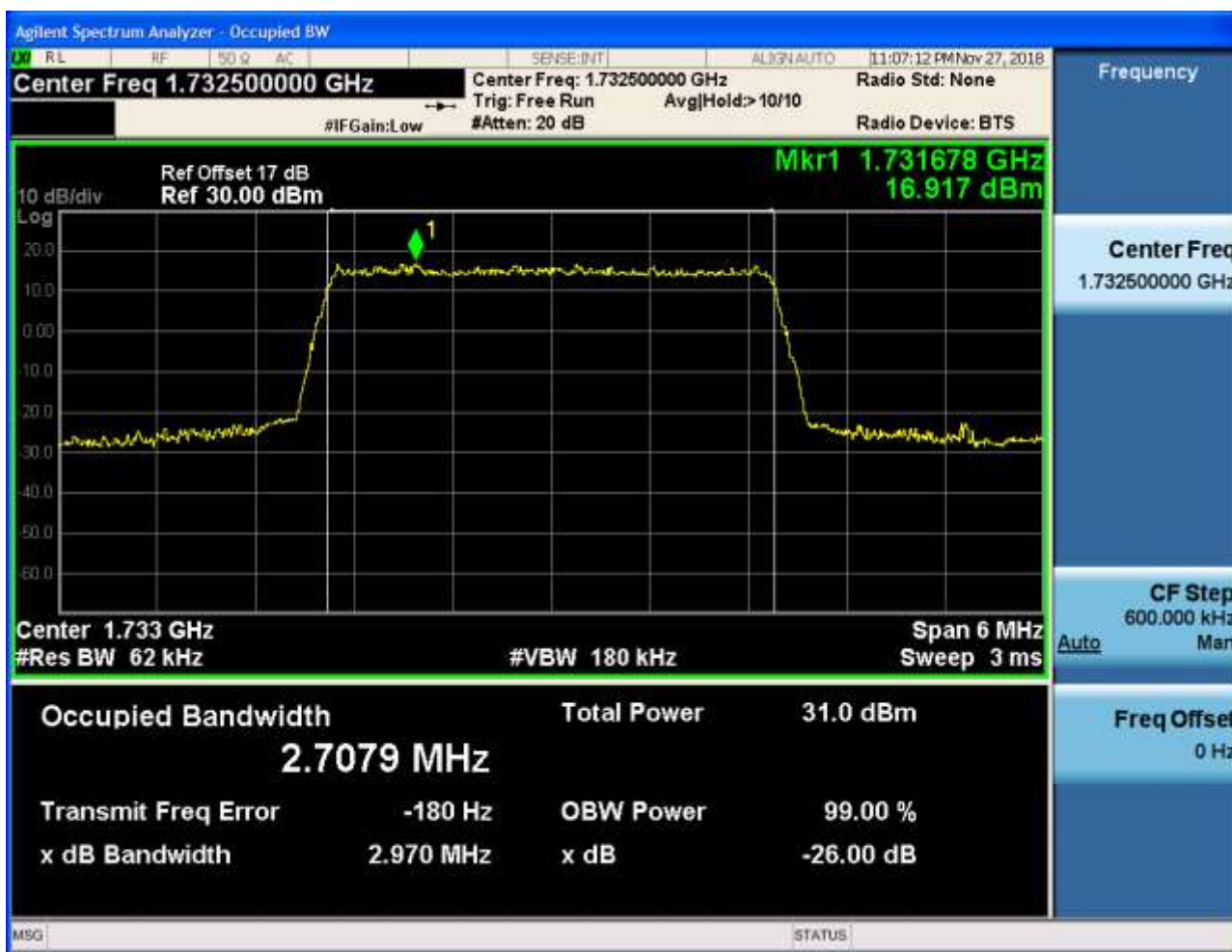
##### 4.1.1.1.2.1 Test Channel = LCH

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



#### 4.1.1.1.2.2 Test Channel = MCH

##### 4.1.1.1.2.2.1 Test RB = RB15#0



#### 4.1.1.1.2.3 Test Channel = HCH

##### 4.1.1.1.2.3.1 Test RB = RB15#0



#### 4.1.1.1.3 Test Bandwidth = 5

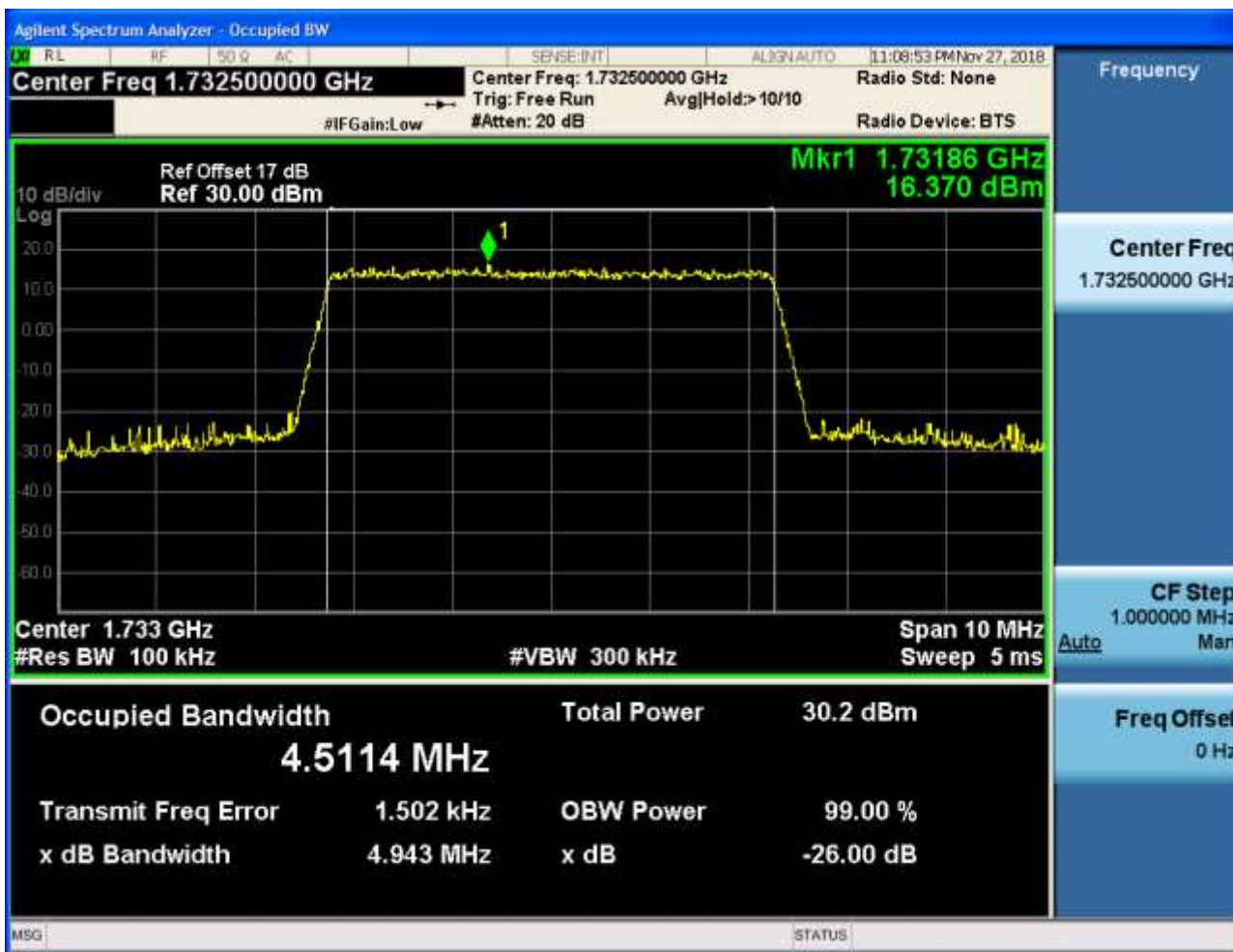
##### 4.1.1.1.3.1 Test Channel = LCH

##### 4.1.1.1.3.1.1 Test RB = RB25#0



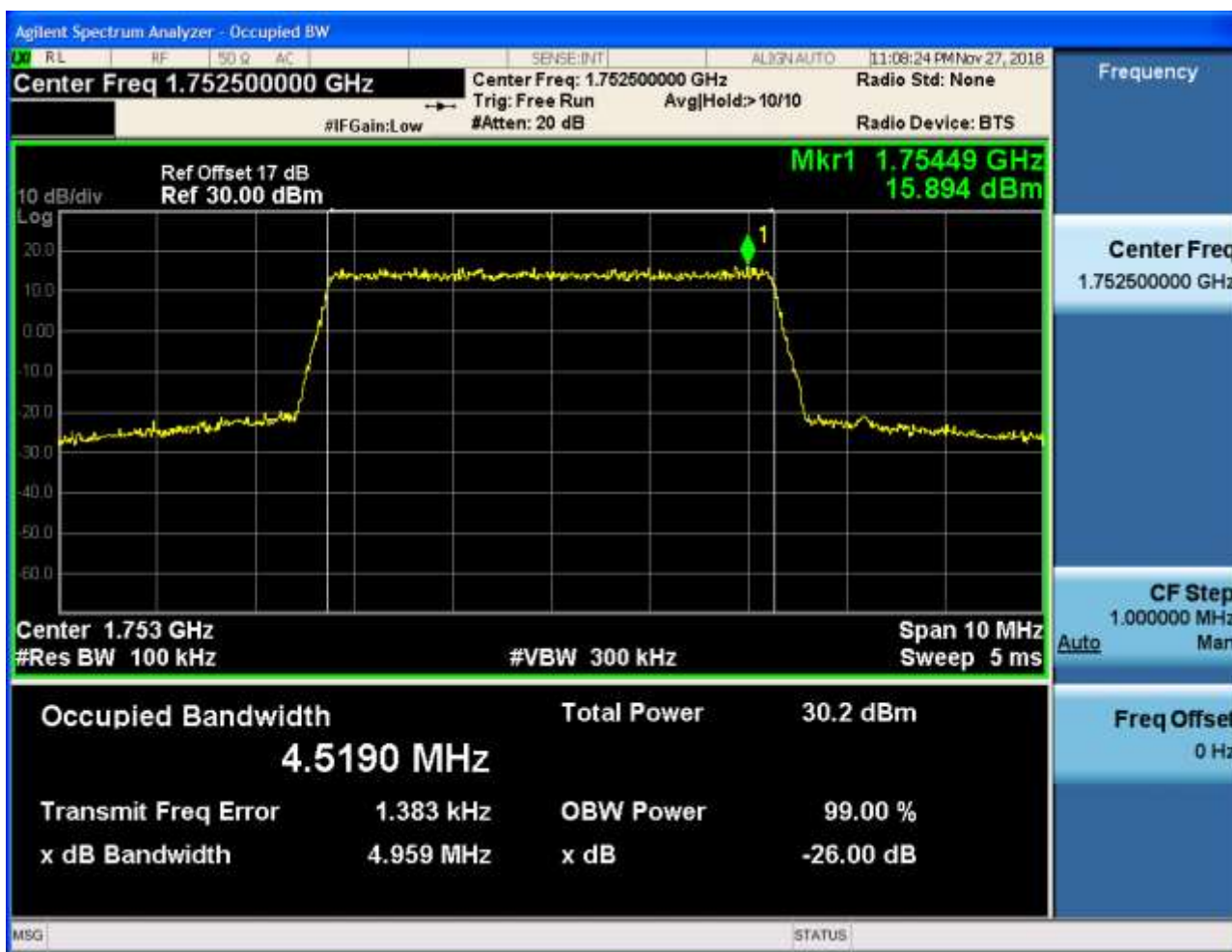
#### 4.1.1.1.3.2 Test Channel = MCH

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



#### 4.1.1.1.3.3 Test Channel = HCH

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



#### 4.1.1.1.4 Test Bandwidth = 10

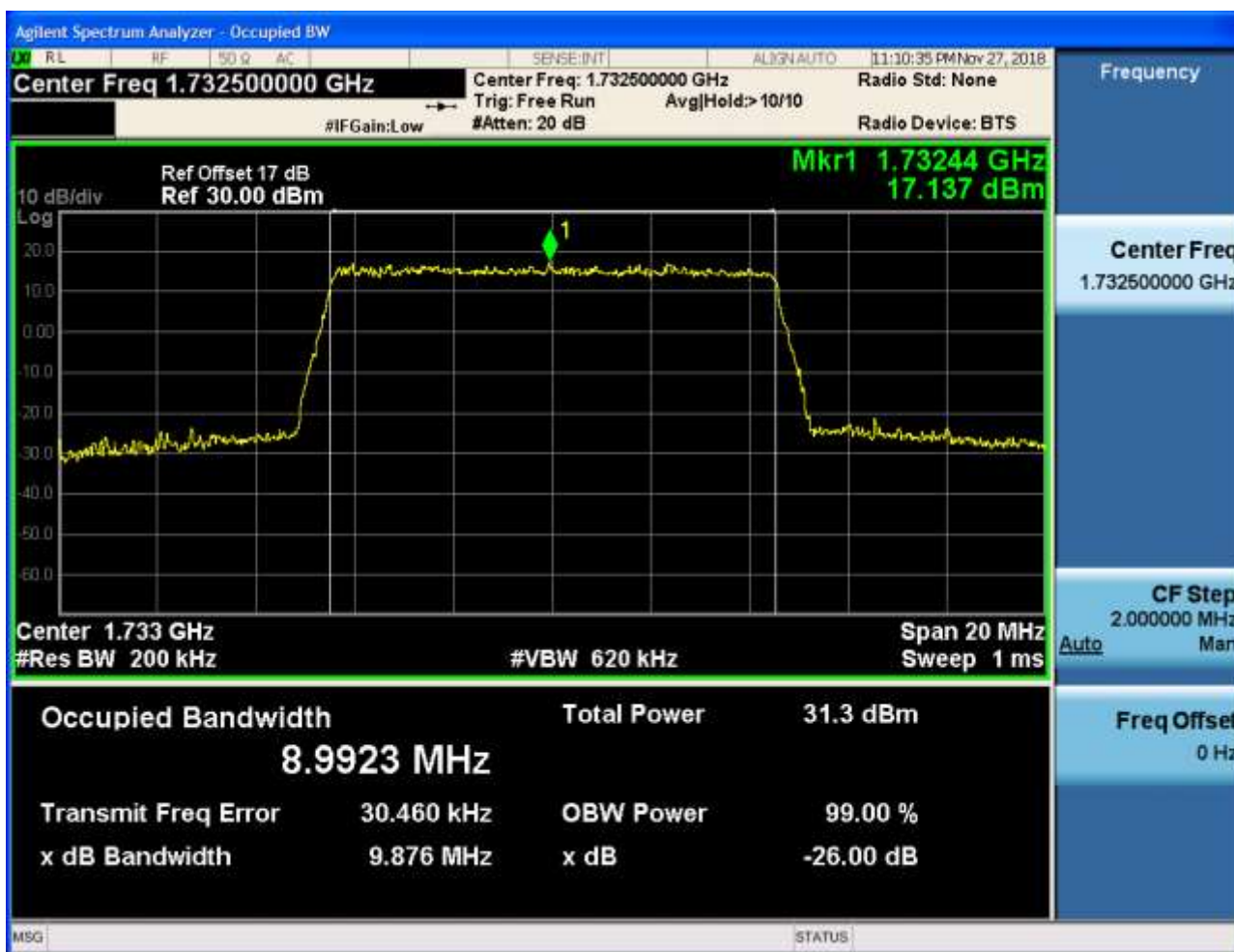
##### 4.1.1.1.4.1 Test Channel = LCH

##### 4.1.1.1.4.1.1 Test RB = RB50#0



#### 4.1.1.1.4.2 Test Channel = MCH

##### 4.1.1.1.4.2.1 Test RB = RB50#0



#### 4.1.1.1.4.3 Test Channel = HCH

##### 4.1.1.1.4.3.1 Test RB = RB50#0



#### 4.1.1.1.5 Test Bandwidth = 15

##### 4.1.1.1.5.1 Test Channel = LCH

##### 4.1.1.1.5.1.1 Test RB = RB75#0



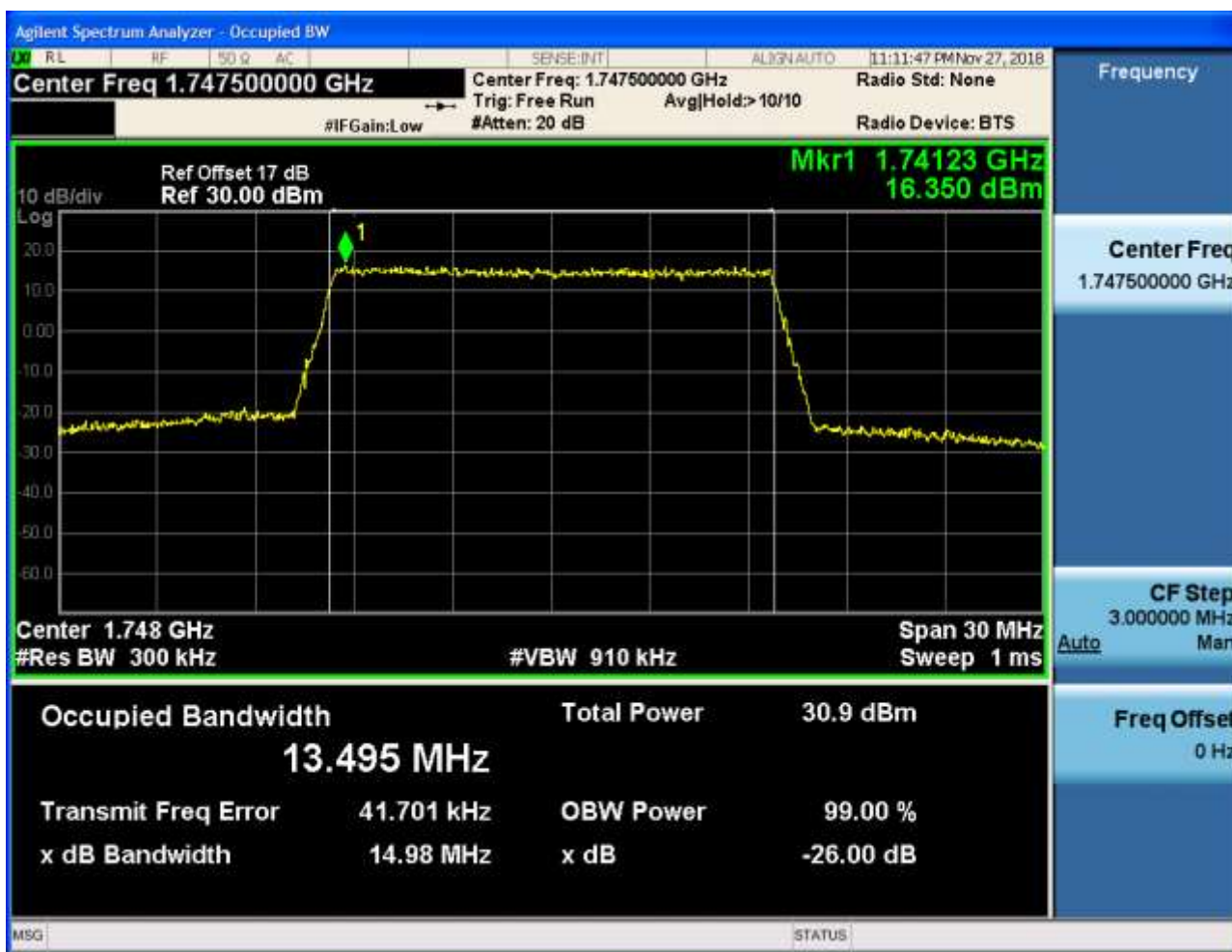
#### 4.1.1.1.5.2 Test Channel = MCH

##### 4.1.1.1.5.2.1 Test RB = RB75#0



#### 4.1.1.1.5.3 Test Channel = HCH

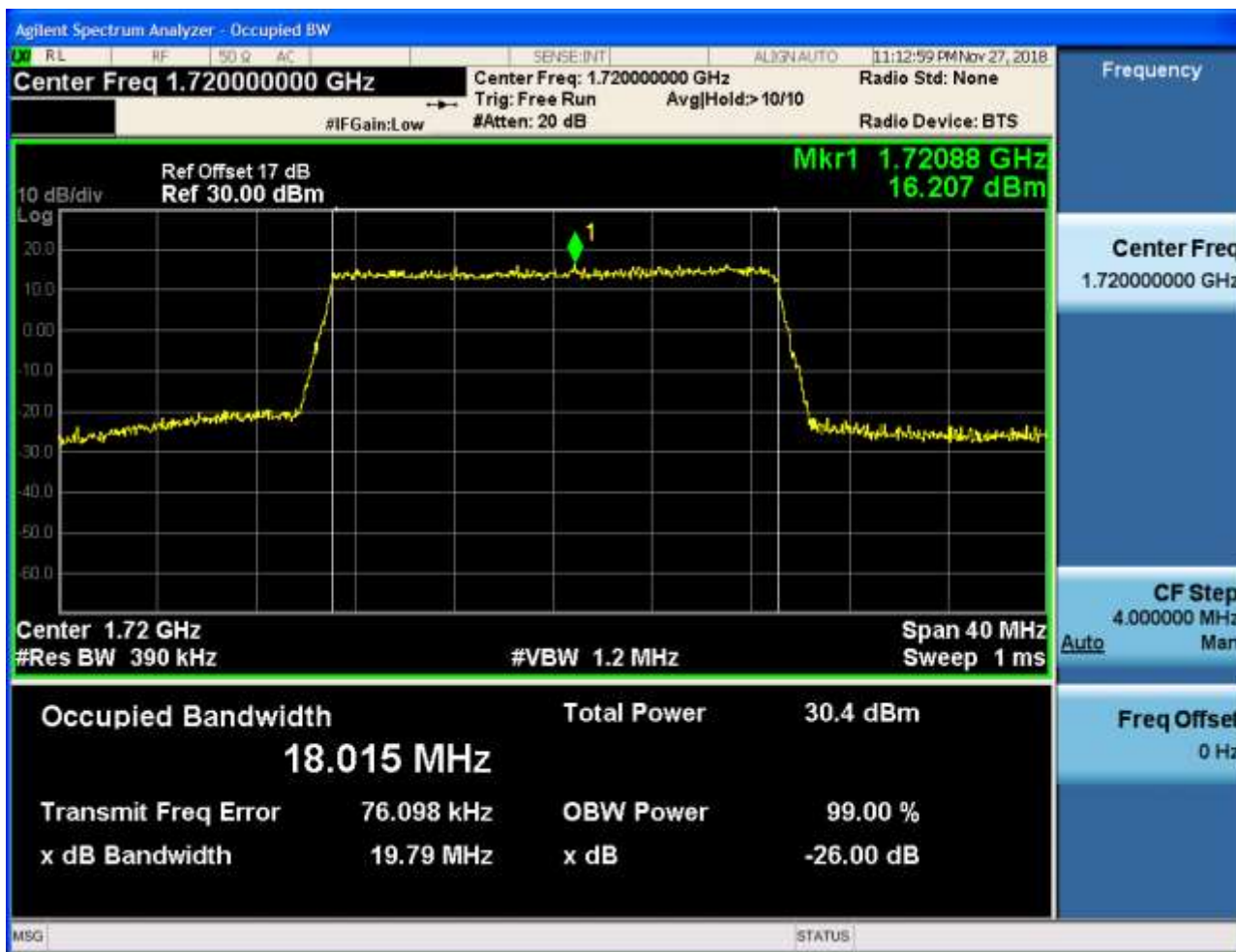
##### 4.1.1.1.5.3.1 Test RB = RB75#0



#### 4.1.1.1.6 Test Bandwidth = 20

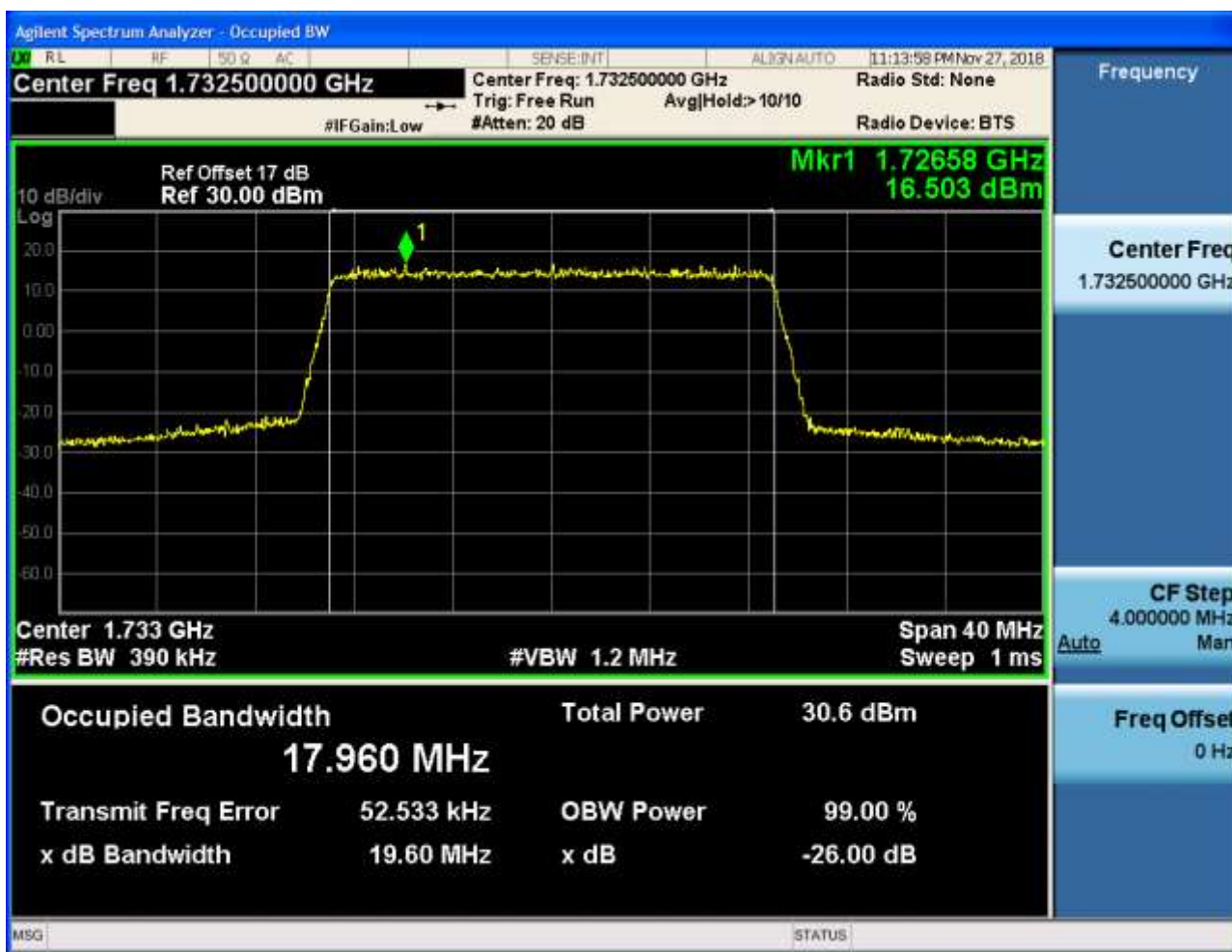
##### 4.1.1.1.6.1 Test Channel = LCH

##### 4.1.1.1.6.1.1 Test RB = RB100#0



#### 4.1.1.1.6.2 Test Channel = MCH

##### 4.1.1.1.6.2.1 Test RB = RB100#0



#### 4.1.1.1.6.3 Test Channel = HCH

##### 4.1.1.1.6.3.1 Test RB = RB100#0



#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 1.4

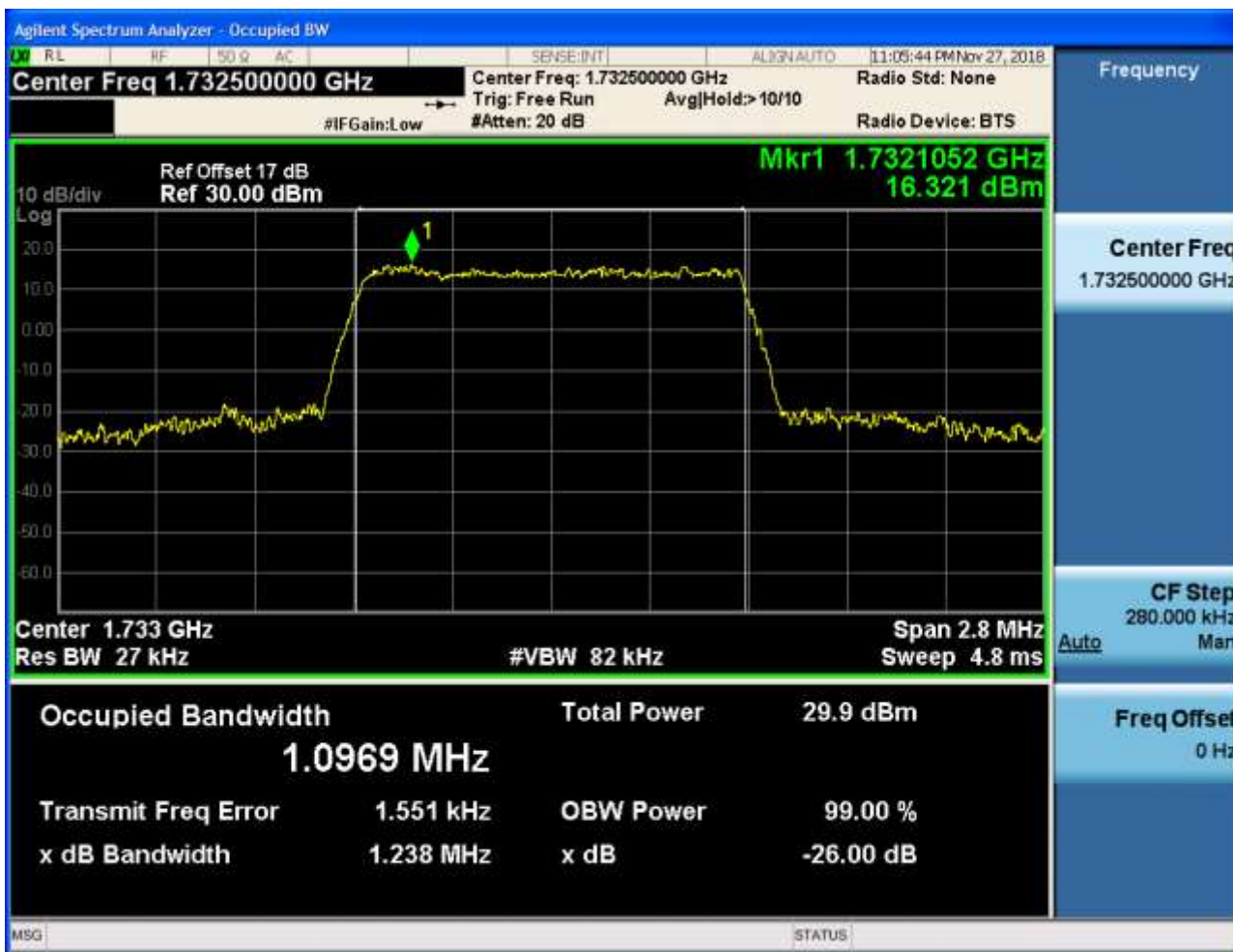
##### 4.1.1.2.1.1 Test Channel = LCH

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



#### 4.1.1.2.1.2 Test Channel = MCH

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



#### 4.1.1.2.1.3 Test Channel = HCH

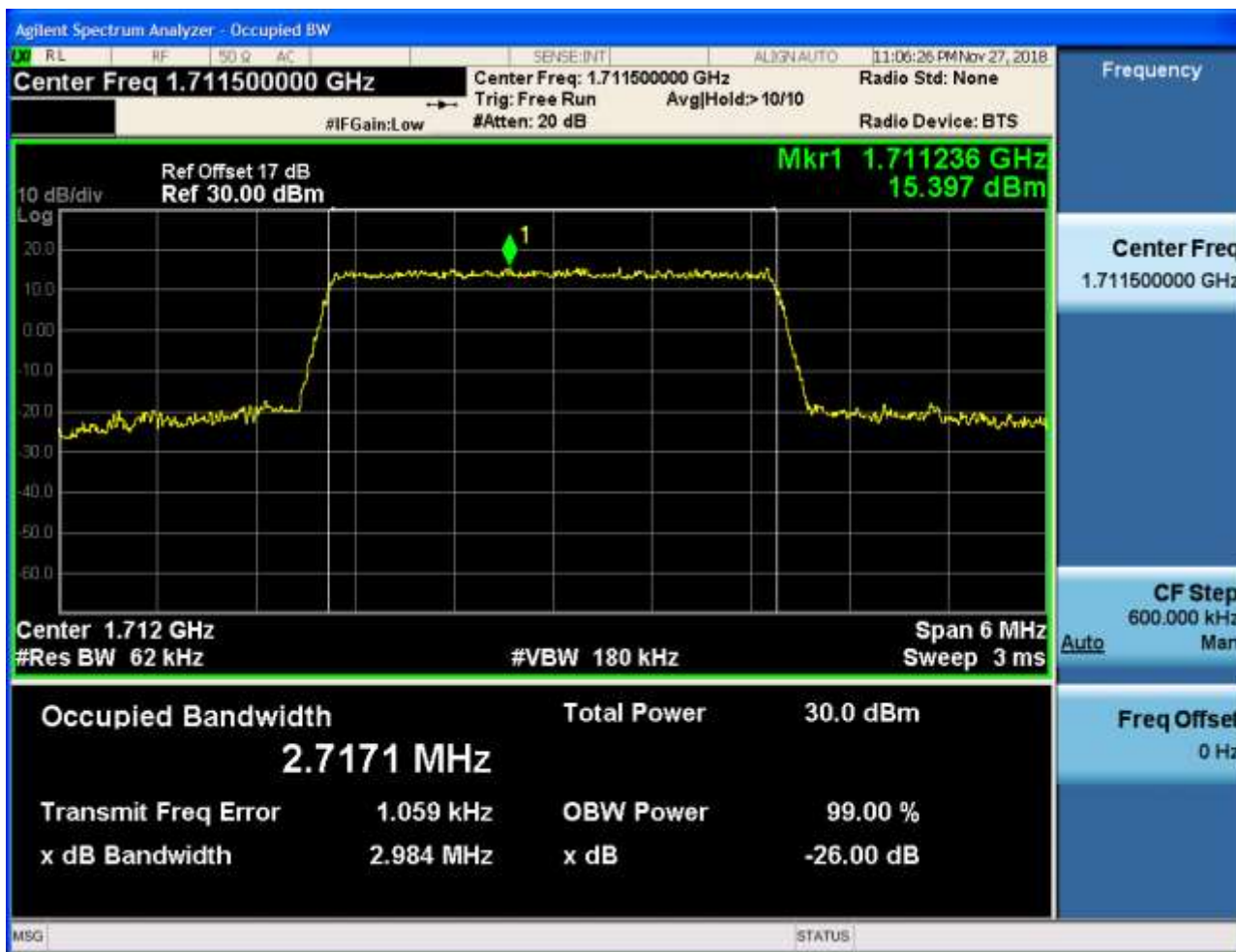
##### 4.1.1.2.1.3.1 Test RB = RB6#0



#### 4.1.1.2.2 Test Bandwidth = 3

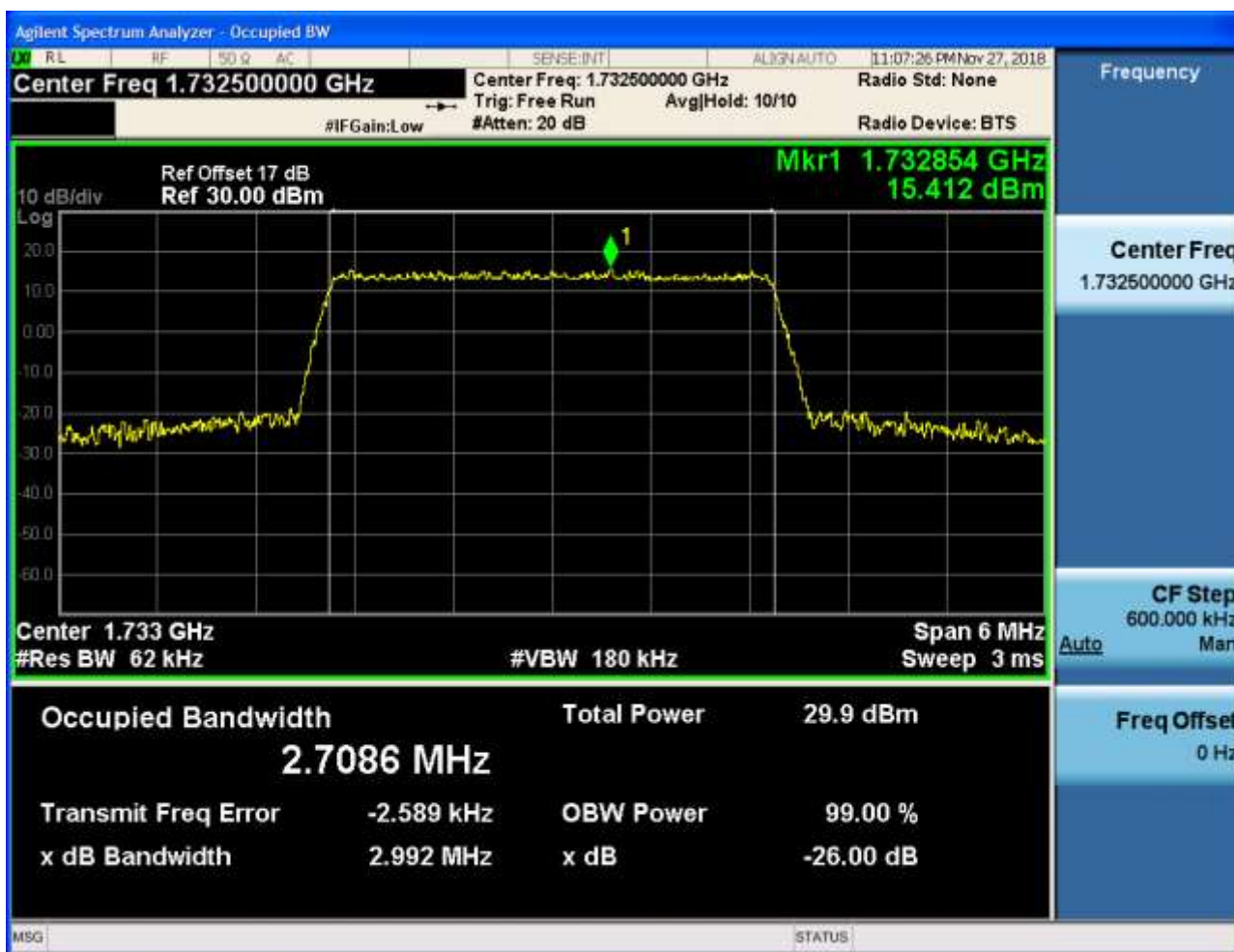
##### 4.1.1.2.2.1 Test Channel = LCH

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



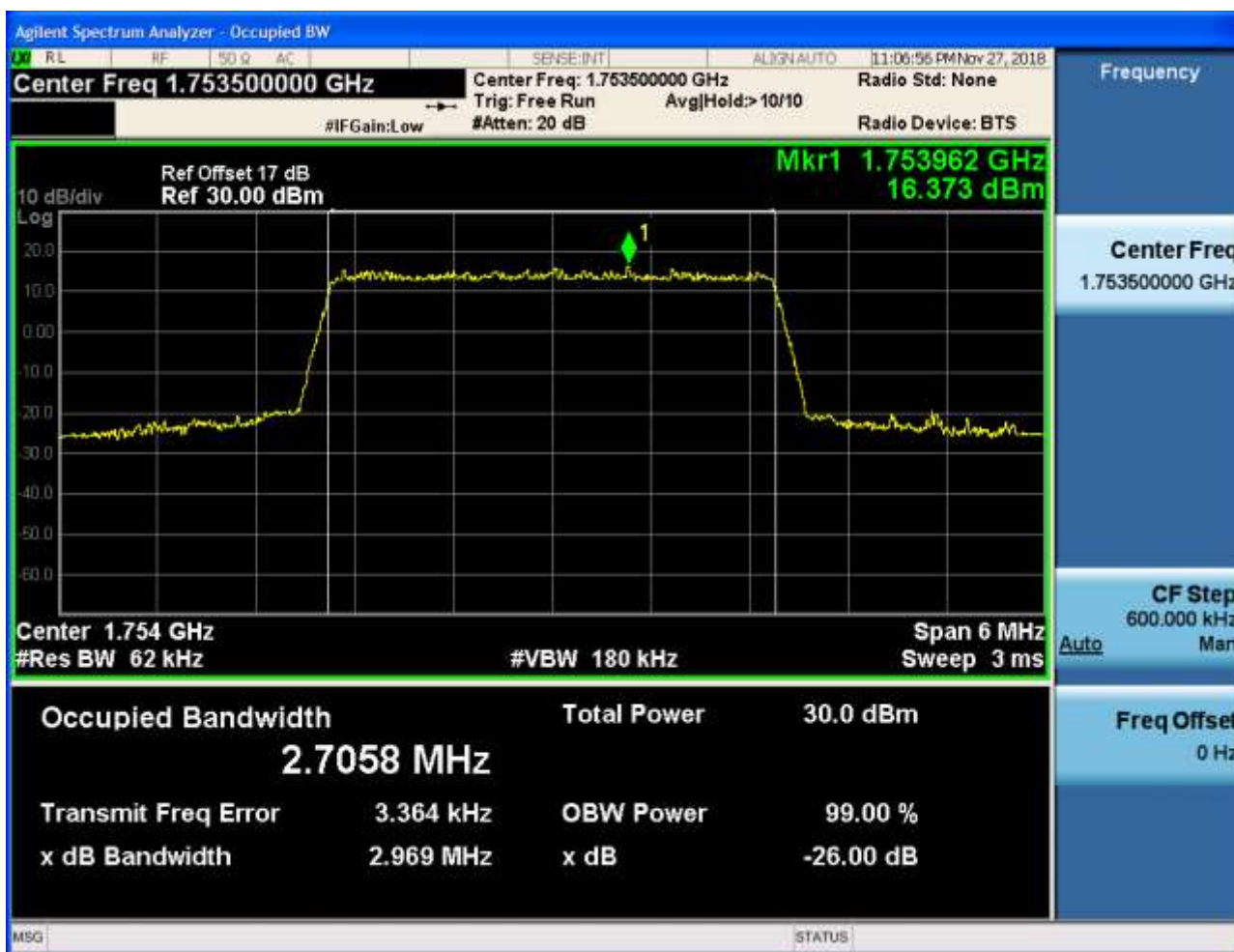
#### 4.1.1.2.2.2 Test Channel = MCH

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



#### 4.1.1.2.2.3 Test Channel = HCH

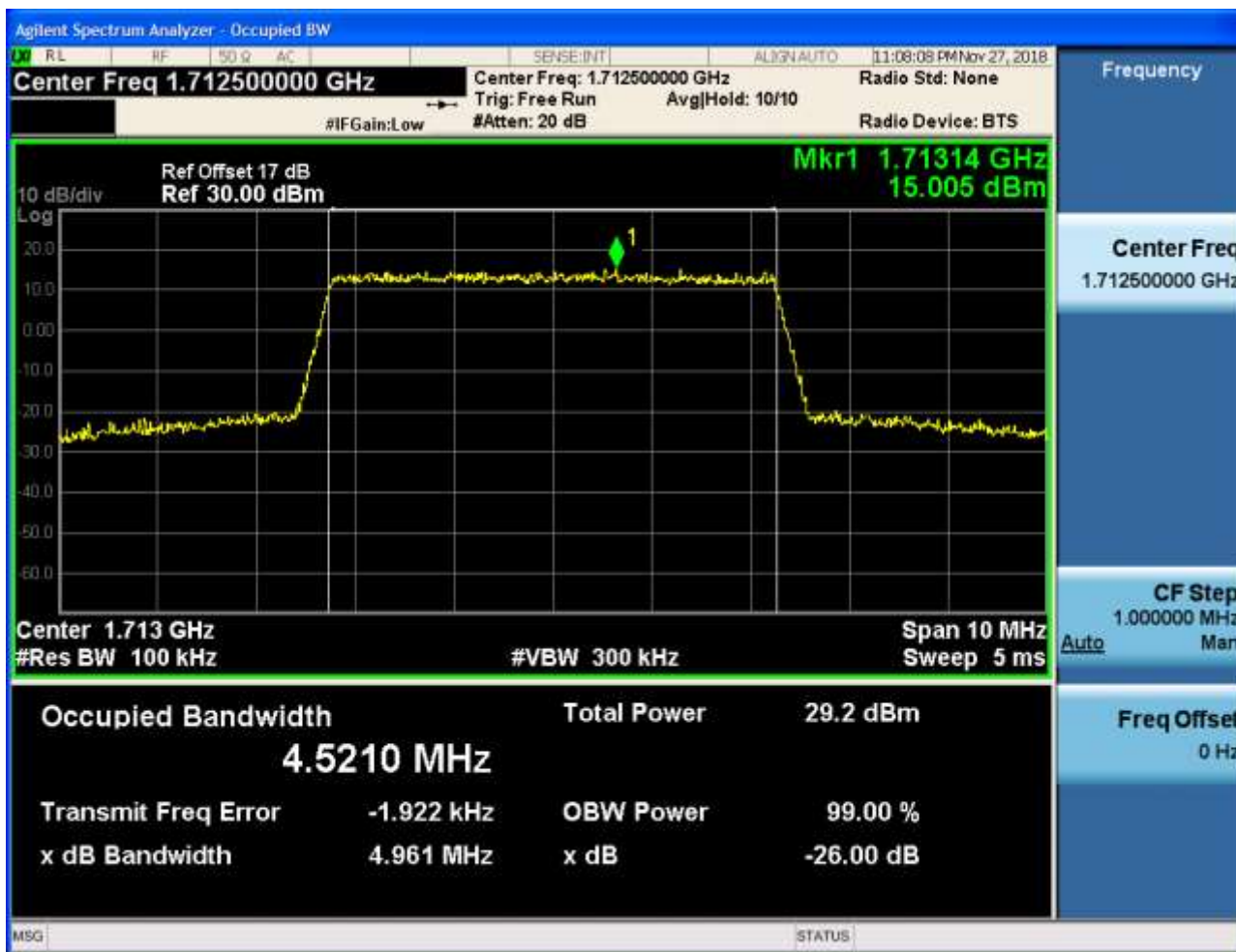
##### 4.1.1.2.2.3.1 Test RB = RB15#0



#### 4.1.1.2.3 Test Bandwidth = 5

##### 4.1.1.2.3.1 Test Channel = LCH

##### 4.1.1.2.3.1.1 Test RB = RB25#0



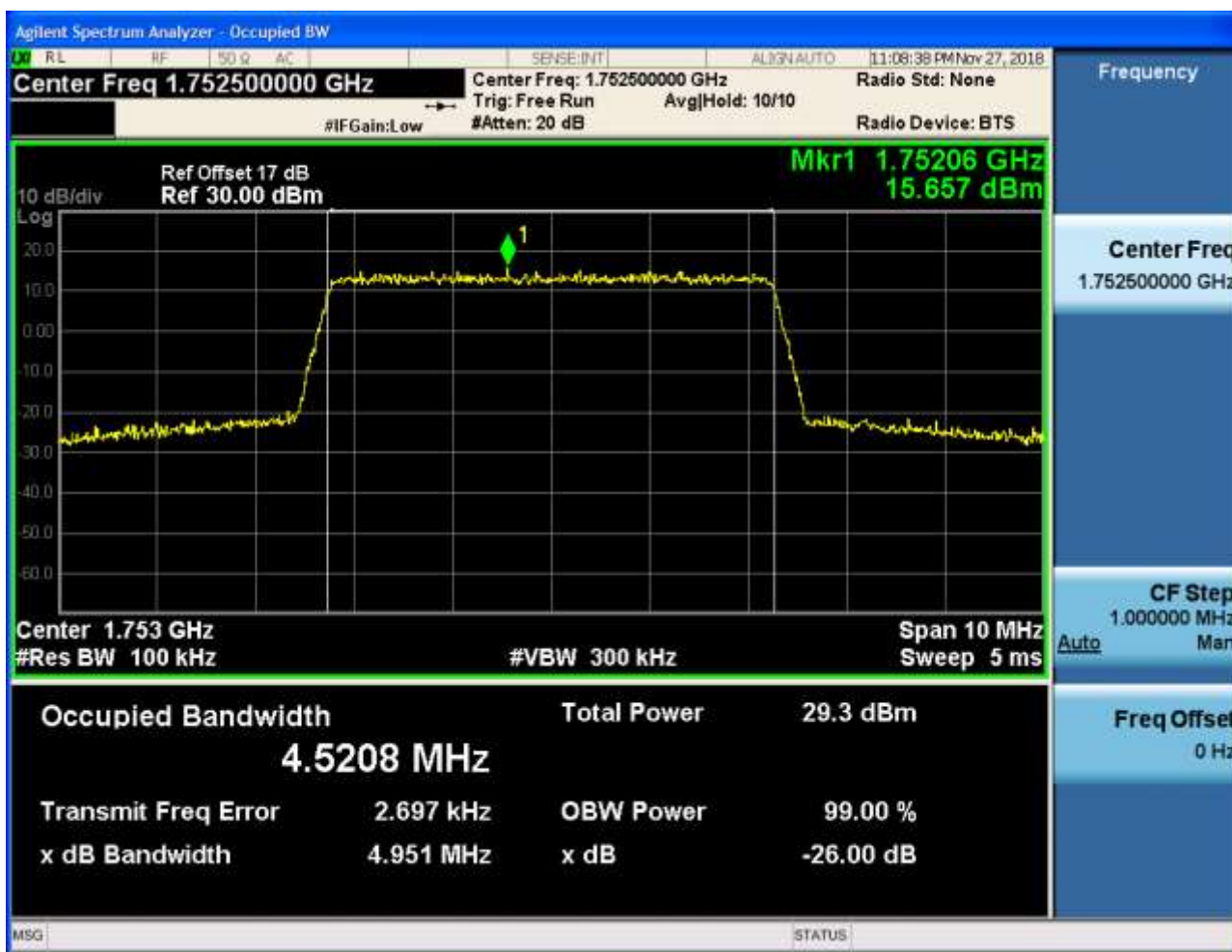
#### 4.1.1.2.3.2 Test Channel = MCH

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



#### 4.1.1.2.3.3 Test Channel = HCH

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



#### 4.1.1.2.4 Test Bandwidth = 10

##### 4.1.1.2.4.1 Test Channel = LCH

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



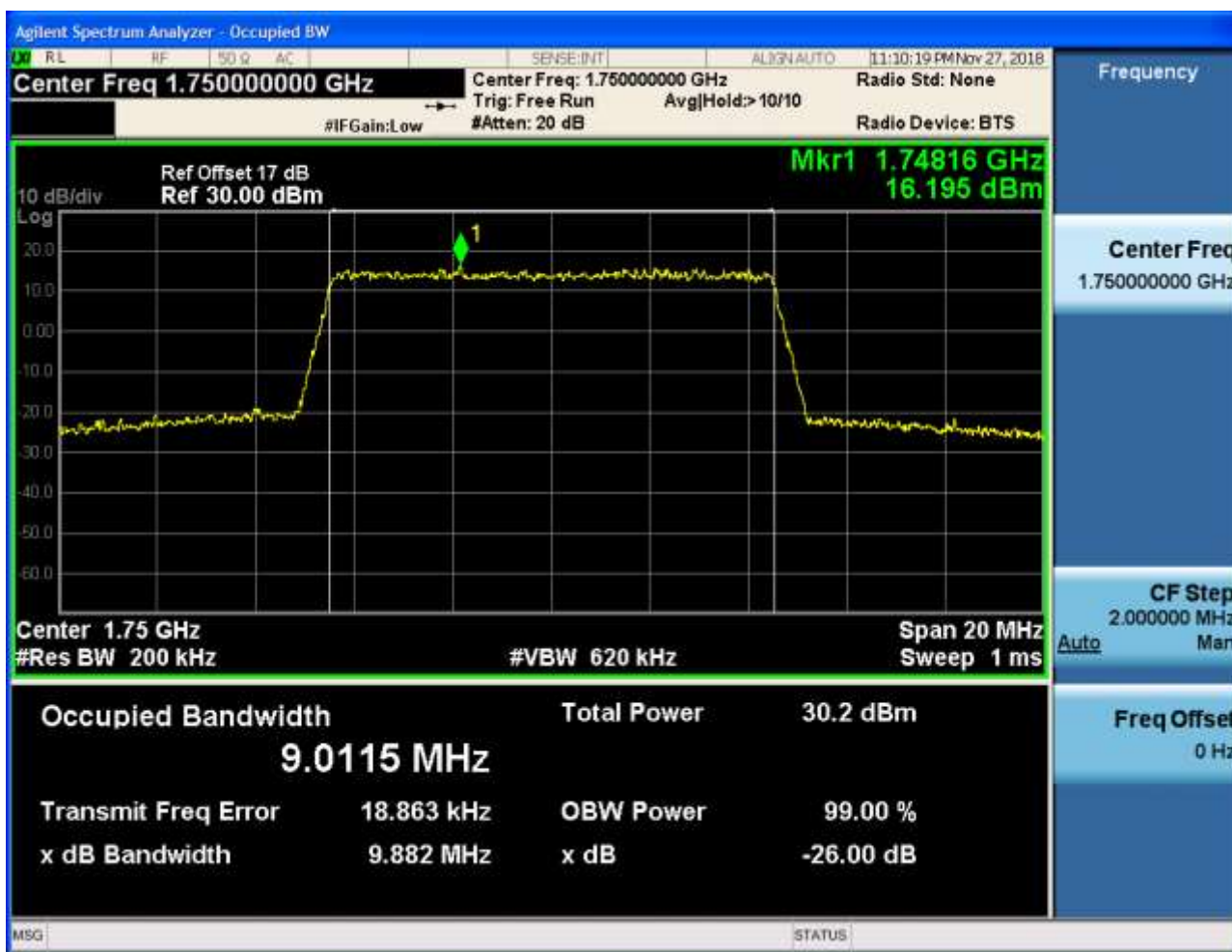
#### 4.1.1.2.4.2 Test Channel = MCH

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



#### 4.1.1.2.4.3 Test Channel = HCH

##### 4.1.1.2.4.3.1 Test RB = RB50#0



#### 4.1.1.2.5 Test Bandwidth = 15

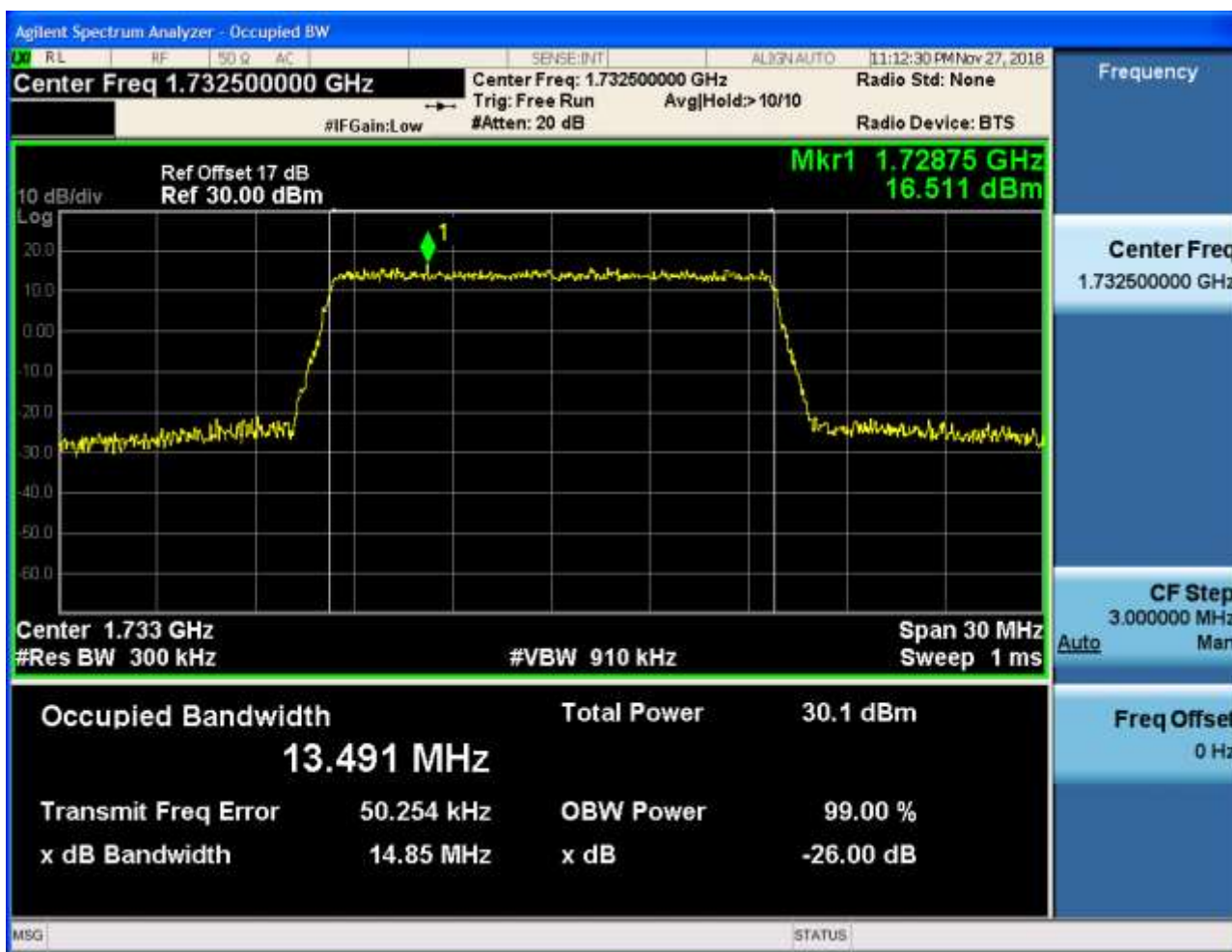
##### 4.1.1.2.5.1 Test Channel = LCH

##### 4.1.1.2.5.1.1 Test RB = RB75#0



#### 4.1.1.2.5.2 Test Channel = MCH

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



#### 4.1.1.2.5.3 Test Channel = HCH

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



#### 4.1.1.2.6 Test Bandwidth = 20

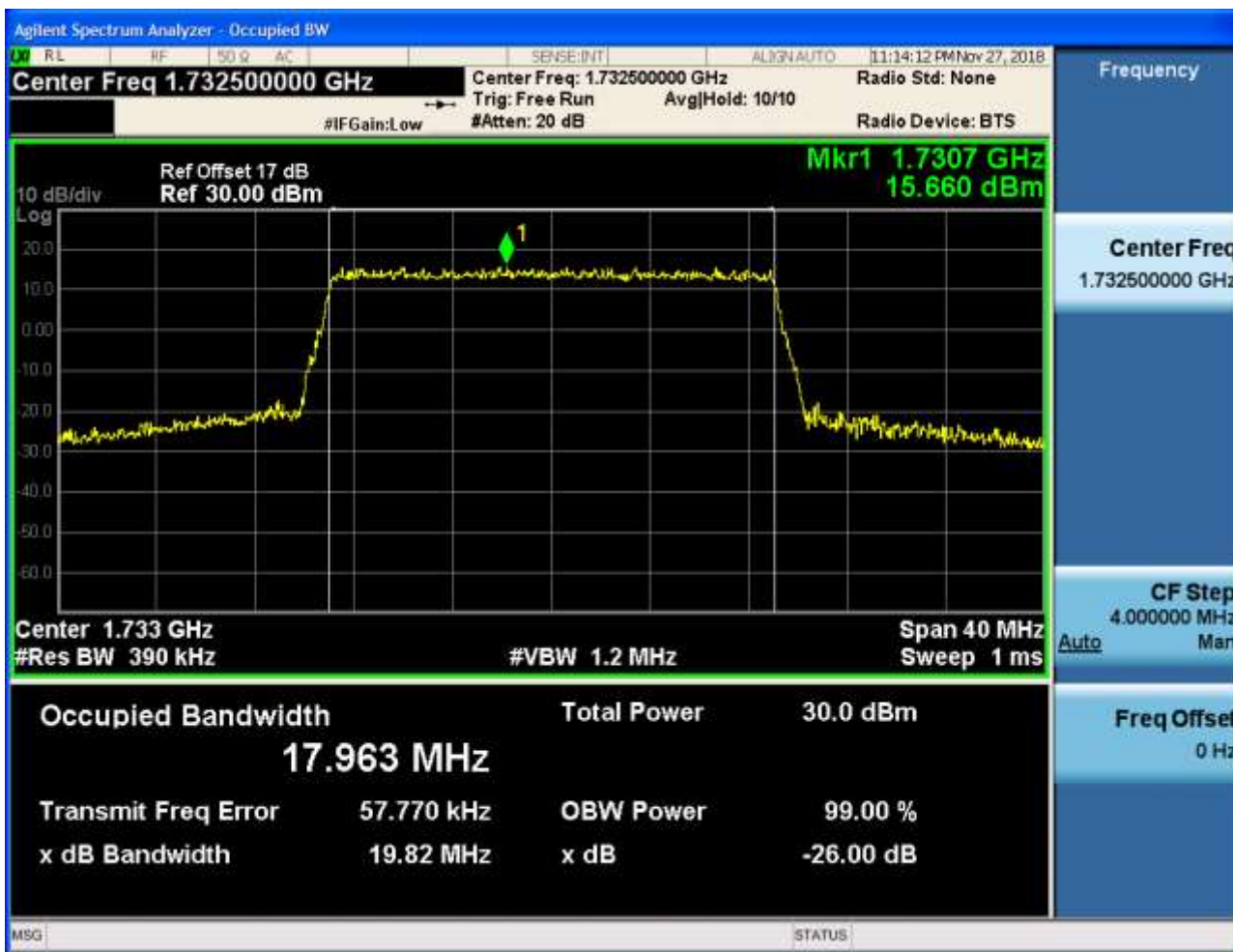
##### 4.1.1.2.6.1 Test Channel = LCH

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



#### 4.1.1.2.6.2 Test Channel = MCH

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



#### 4.1.1.2.6.3 Test Channel = HCH

##### 4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = Band4

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

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



### 5.1.1.1.1.2 Test RB = RB1#5



### 5.1.1.1.1.3 Test RB = RB3#2



# 5.1.1.1.1.4 Test RB = RB6#0



# 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0



### 5.1.1.1.1.2.2 Test RB = RB1#5



### 5.1.1.1.1.2.3 Test RB = RB3#2



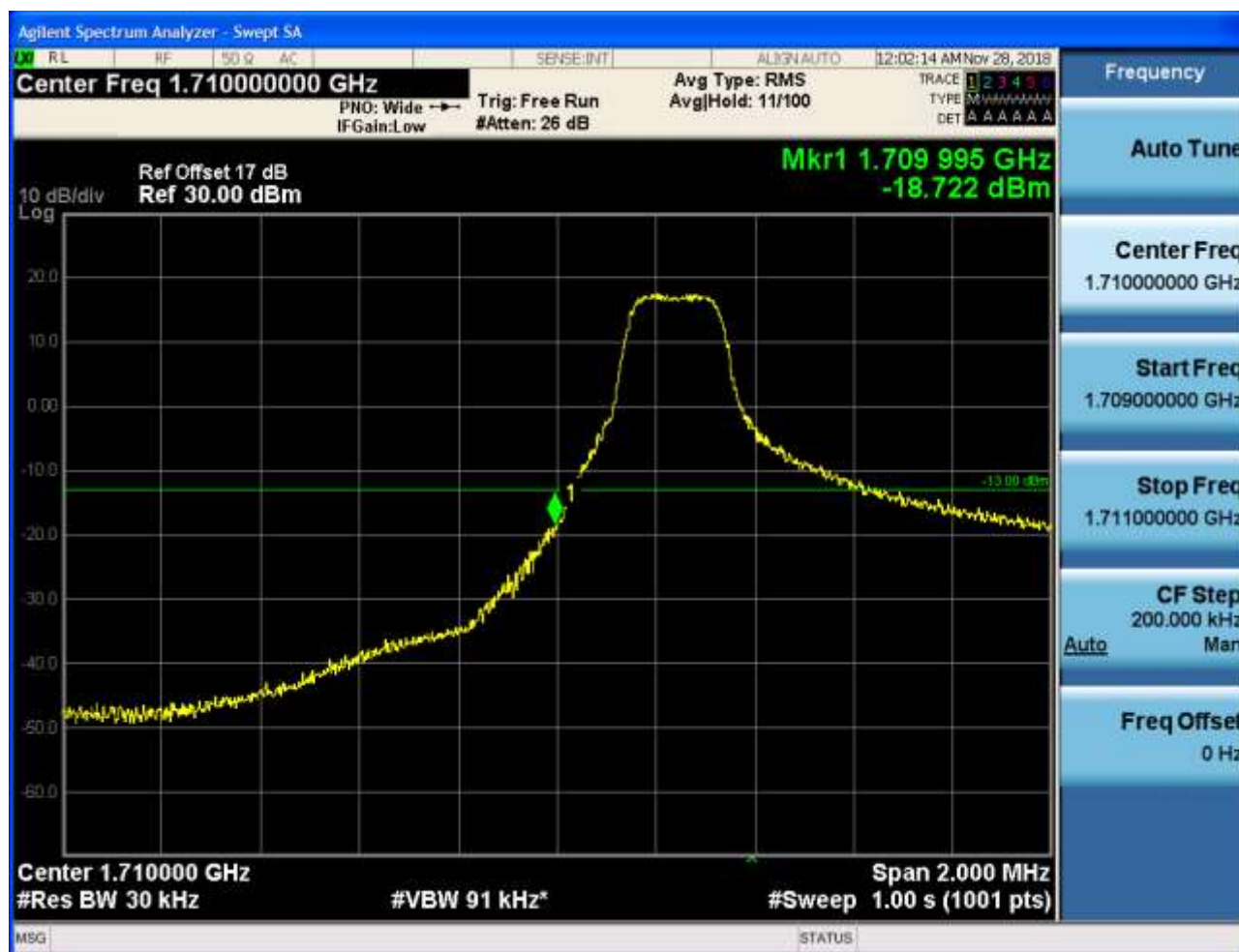
# 5.1.1.1.2.4 Test RB = RB6#0



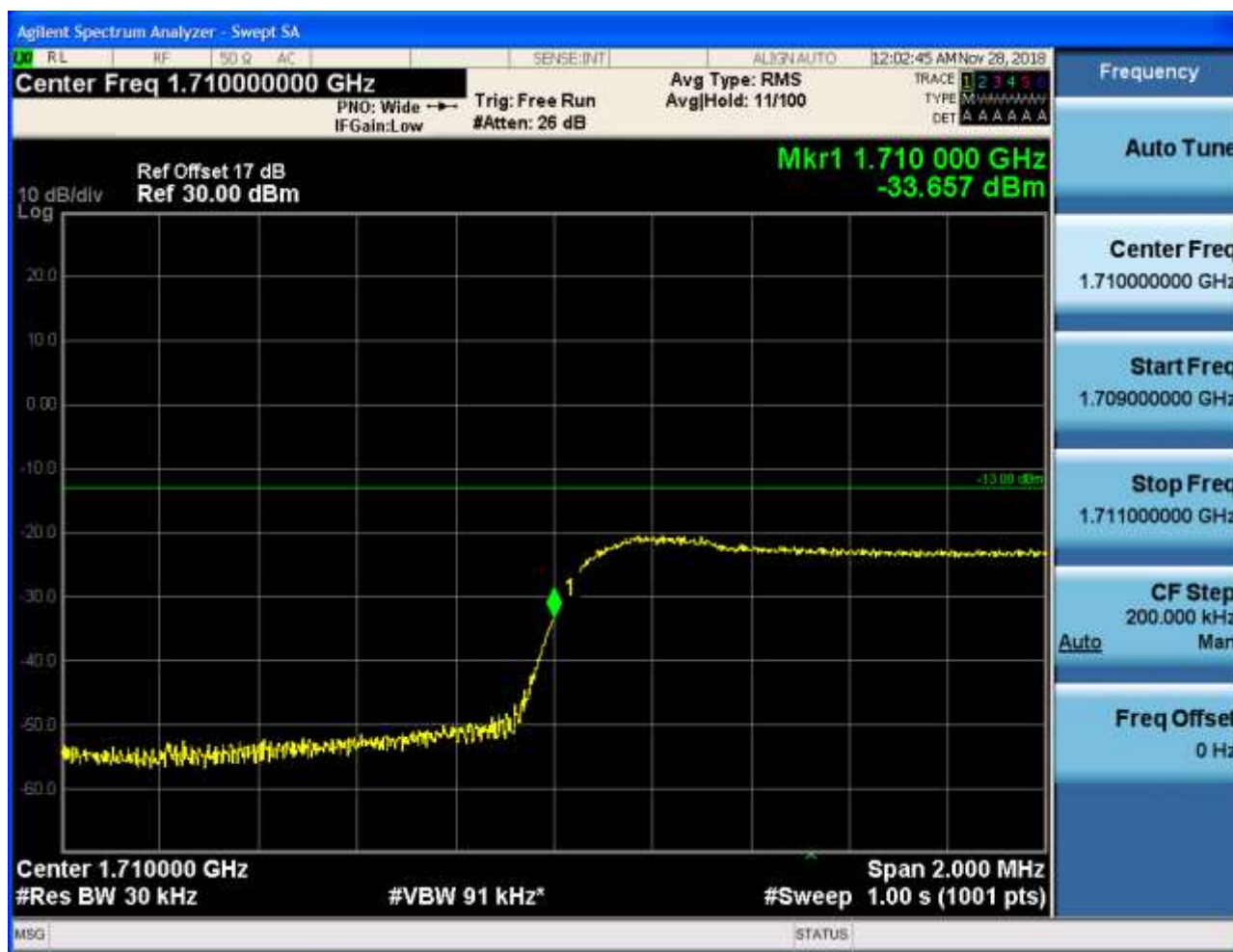
### 5.1.1.1.2 Test Bandwidth = 3

#### 5.1.1.1.2.1 Test Channel = LCH

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



# 5.1.1.1.2.1.2 Test RB = RB1#14



#### 5.1.1.1.2.1.3 Test RB = RB8#4



# 5.1.1.1.2.1.4 Test RB = RB15#0



### 5.1.1.1.2.2 Test Channel = HCH

#### 5.1.1.1.2.2.1 Test RB = RB1#0



### 5.1.1.1.2.2.2 Test RB = RB1#14



#### 5.1.1.1.2.2.3 Test RB = RB8#4



# 5.1.1.1.2.2.4 Test RB = RB15#0



### 5.1.1.1.3 Test Bandwidth = 5

#### 5.1.1.1.3.1 Test Channel = LCH

#### 5.1.1.1.3.1.1 Test RB = RB1#0



### 5.1.1.1.3.1.2 Test RB = RB1#24



### 5.1.1.1.3.1.3 Test RB = RB12#6



### 5.1.1.1.3.1.4 Test RB = RB25#0



### 5.1.1.1.3.2 Test Channel = HCH

#### 5.1.1.1.3.2.1 Test RB = RB1#0



### 5.1.1.1.3.2.2 Test RB = RB1#24



### 5.1.1.1.3.2.3 Test RB = RB12#6



### 5.1.1.1.3.2.4 Test RB = RB25#0



#### 5.1.1.1.4 Test Bandwidth = 10

##### 5.1.1.1.4.1 Test Channel = LCH

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



# 5.1.1.1.4.1.2 Test RB = RB1#49



### 5.1.1.1.4.1.3 Test RB = RB25#13



# 5.1.1.1.4.1.4 Test RB = RB50#0



#### 5.1.1.1.4.2 Test Channel = HCH

##### 5.1.1.1.4.2.1 Test RB = RB1#0



# 5.1.1.1.4.2.2 Test RB = RB1#49



### 5.1.1.1.4.2.3 Test RB = RB25#13



#### 5.1.1.1.4.2.4 Test RB = RB50#0



### 5.1.1.1.5 Test Bandwidth = 15

#### 5.1.1.1.5.1 Test Channel = LCH

#### 5.1.1.1.5.1.1 Test RB = RB1#0



### 5.1.1.1.5.1.2 Test RB = RB1#74



### 5.1.1.1.5.1.3 Test RB = RB38#19



# 5.1.1.1.5.1.4 Test RB = RB75#0



### 5.1.1.1.5.2 Test Channel = HCH

#### 5.1.1.1.5.2.1 Test RB = RB1#0



#### 5.1.1.1.5.2.2 Test RB = RB1#74



### 5.1.1.1.5.2.3 Test RB = RB38#19



### 5.1.1.1.5.2.4 Test RB = RB75#0



#### 5.1.1.1.6 Test Bandwidth = 20

#### 5.1.1.1.6.1 Test Channel = LCH

#### 5.1.1.1.6.1.1 Test RB = RB1#0



### 5.1.1.1.6.1.2 Test RB = RB1#99



### 5.1.1.1.6.1.3 Test RB = RB50#25



# 5.1.1.1.6.1.4 Test RB = RB100#0



### 5.1.1.1.6.2 Test Channel = HCH

#### 5.1.1.1.6.2.1 Test RB = RB1#0



### 5.1.1.1.6.2.2 Test RB = RB1#99



### 5.1.1.1.6.2.3 Test RB = RB50#25



#### 5.1.1.1.6.2.4 Test RB = RB100#0

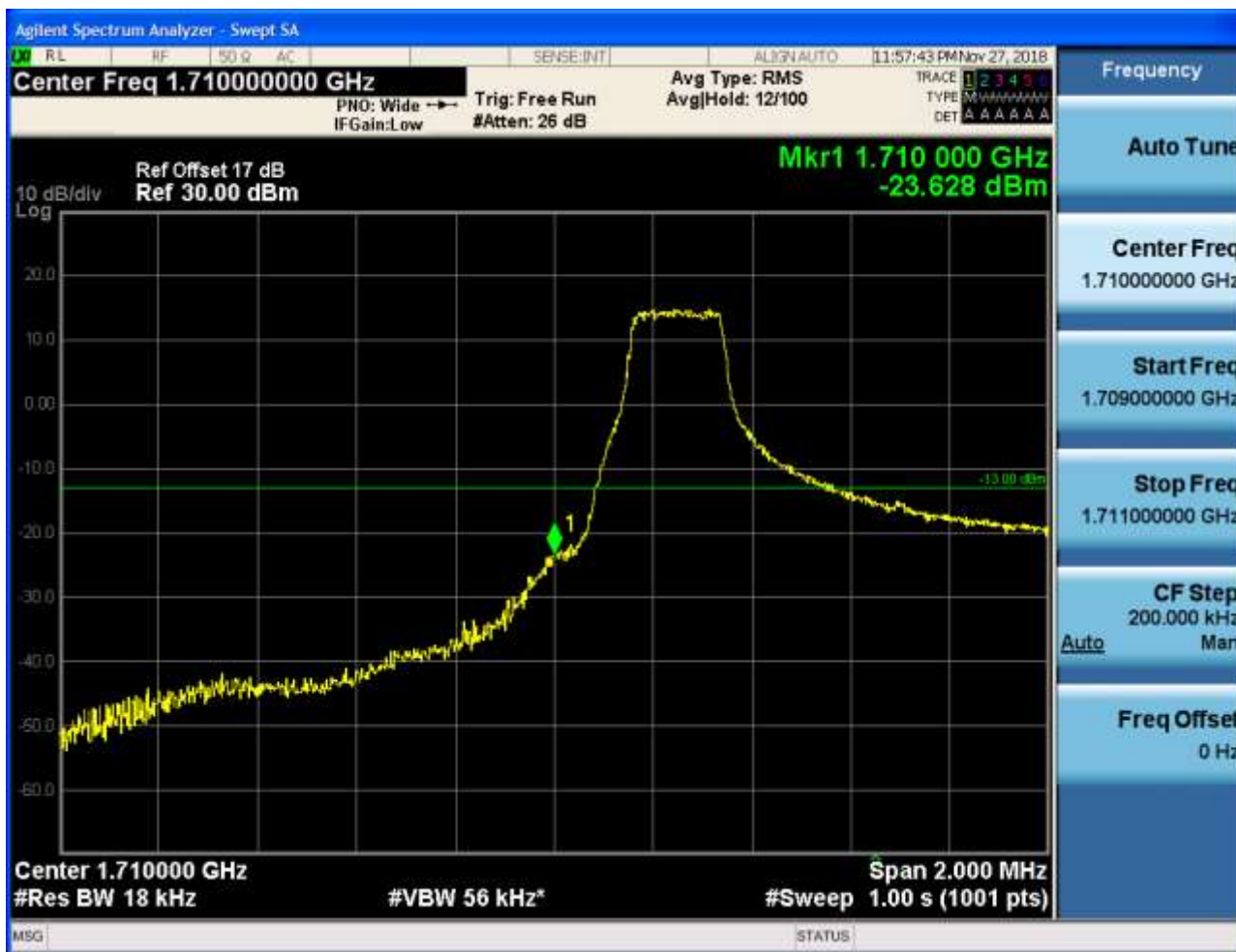


### 5.1.1.2 Test Mode = LTE/TM2

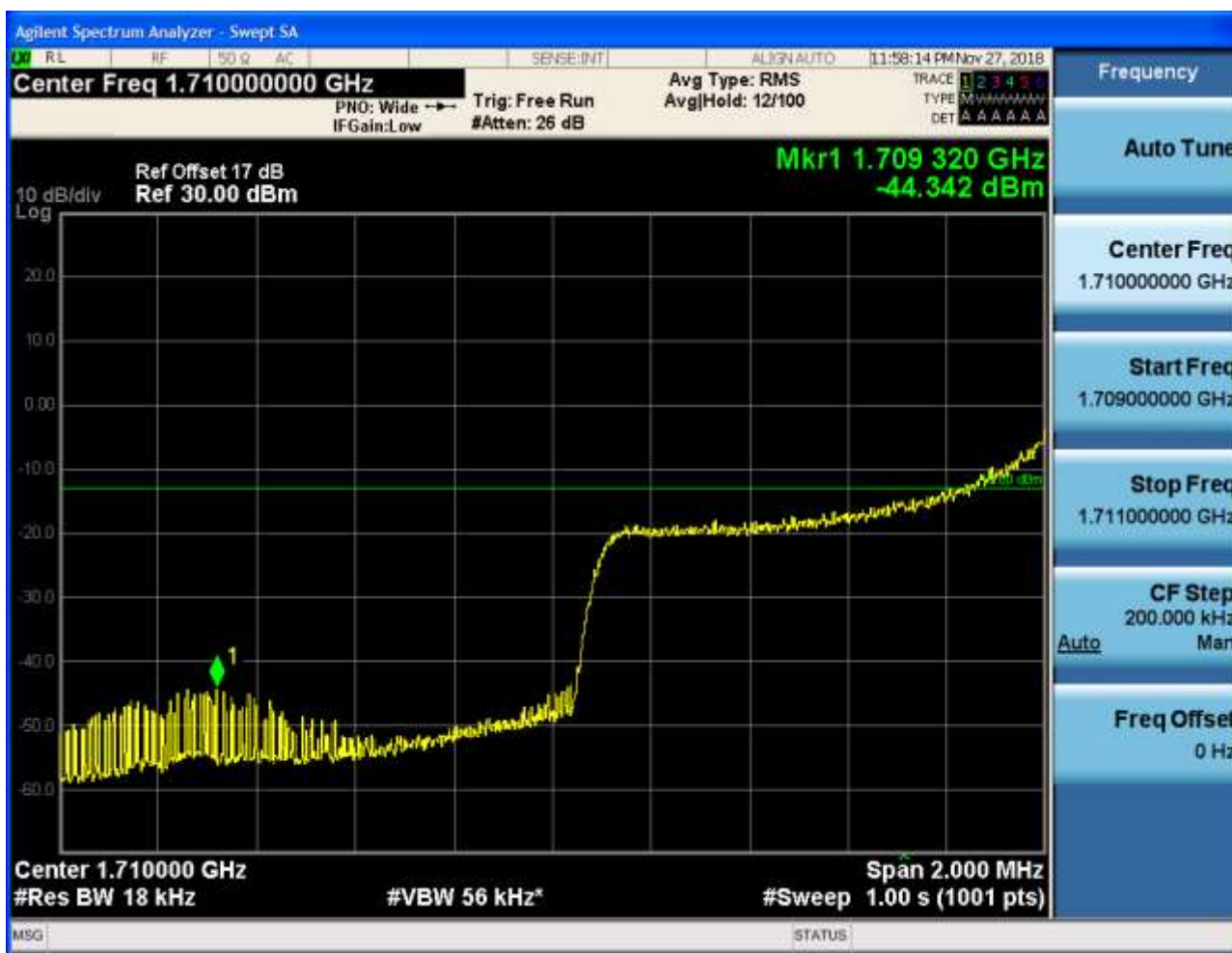
#### 5.1.1.2.1 Test Bandwidth = 1.4

##### 5.1.1.2.1.1 Test Channel = LCH

##### 5.1.1.2.1.1.1 Test RB = RB1#0



### 5.1.1.2.1.1.2 Test RB = RB1#5



### 5.1.1.2.1.1.3 Test RB = RB3#2



# 5.1.1.2.1.1.4 Test RB = RB6#0



### 5.1.1.2.1.2 Test Channel = HCH

#### 5.1.1.2.1.2.1 Test RB = RB1#0



### 5.1.1.2.1.2.2 Test RB = RB1#5



### 5.1.1.2.1.2.3 Test RB = RB3#2



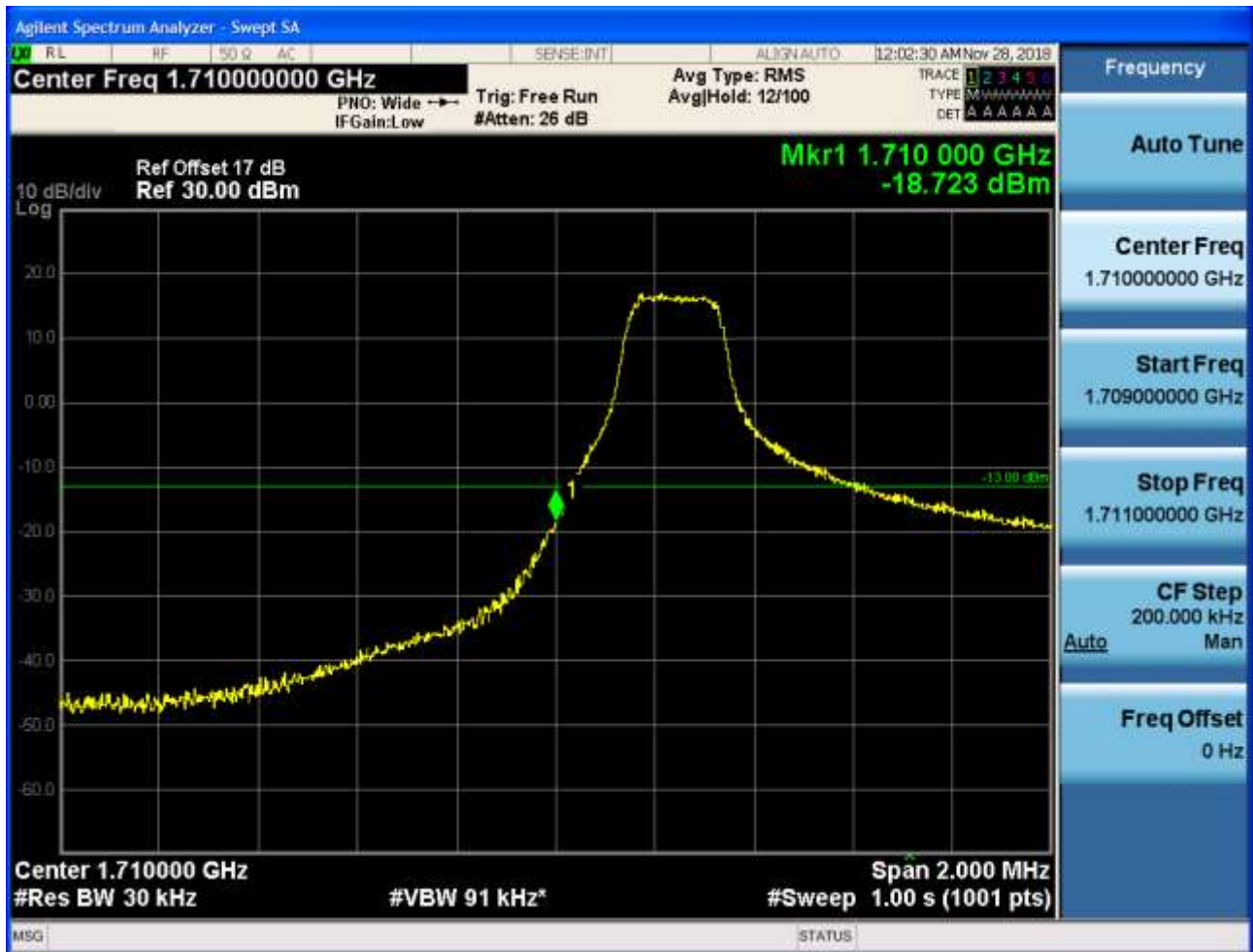
# 5.1.1.2.1.2.4 Test RB = RB6#0



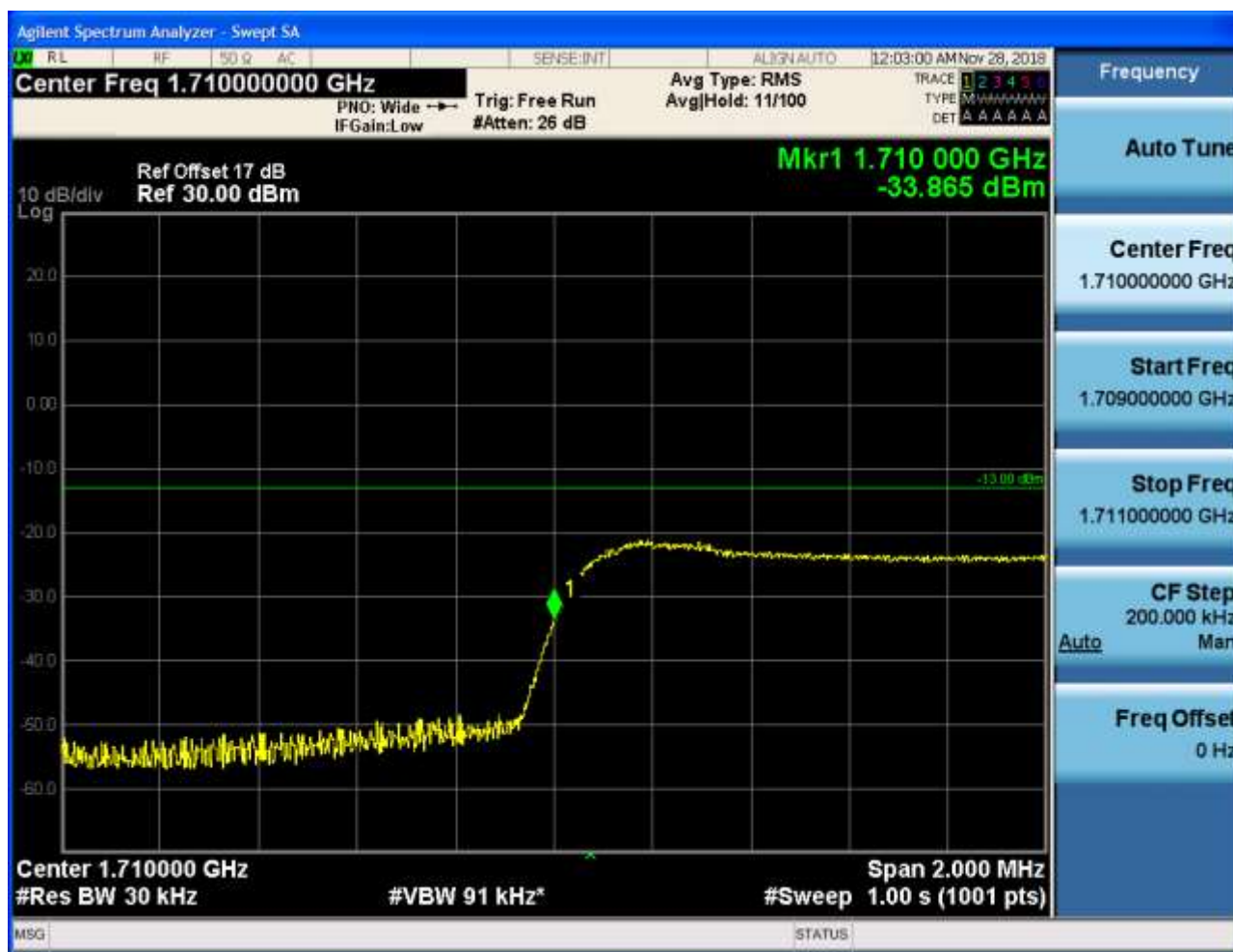
### 5.1.1.2.2 Test Bandwidth = 3

#### 5.1.1.2.2.1 Test Channel = LCH

##### 5.1.1.2.2.1.1 Test RB = RB1#0



### 5.1.1.2.2.1.2 Test RB = RB1#14



### 5.1.1.2.2.1.3 Test RB = RB8#4



# 5.1.1.2.2.1.4 Test RB = RB15#0



### 5.1.1.2.2.2 Test Channel = HCH

#### 5.1.1.2.2.2.1 Test RB = RB1#0



#### 5.1.1.2.2.2.2 Test RB = RB1#14



### 5.1.1.2.2.3 Test RB = RB8#4

