



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] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| BAND5 | LTE/TM1 | 1.4 | LCH | RB1#0 | 23.46 | 19.51 | 38.5 | PASS |
| | | | | RB1#3 | 23.34 | 19.33 | 38.5 | PASS |
| | | | | RB1#5 | 23.49 | 19.55 | 38.5 | PASS |
| | | | | RB3#0 | 22.95 | 18.98 | 38.5 | PASS |
| | | | | RB3#2 | 22.98 | 19.11 | 38.5 | PASS |
| | | | | RB3#3 | 23.44 | 19.51 | 38.5 | PASS |
| | | | | RB6#0 | 21.81 | 17.86 | 38.5 | PASS |
| | | | MCH | RB1#0 | 23.58 | 19.74 | 38.5 | PASS |
| | | | | RB1#3 | 23.43 | 19.55 | 38.5 | PASS |
| | | | | RB1#5 | 23.61 | 19.71 | 38.5 | PASS |
| | | | | RB3#0 | 23.45 | 19.64 | 38.5 | PASS |
| | | | | RB3#2 | 23.41 | 19.59 | 38.5 | PASS |
| | | | | RB3#3 | 23.53 | 19.71 | 38.5 | PASS |
| | | | | RB6#0 | 21.87 | 17.81 | 38.5 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | HCH | RB1#0 | 23.51 | 19.53 | 38.5 | PASS |
| | | | | RB1#3 | 23.35 | 19.40 | 38.5 | PASS |
| | | | | RB1#5 | 23.57 | 19.63 | 38.5 | PASS |
| | | | | RB3#0 | 23.58 | 19.56 | 38.5 | PASS |
| | | | | RB3#2 | 23.43 | 19.44 | 38.5 | PASS |
| | | | | RB3#3 | 23.68 | 19.71 | 38.5 | PASS |
| | | | | RB6#0 | 21.89 | 18.03 | 38.5 | PASS |
| | | 3 | LCH | RB1#0 | 23.45 | 19.40 | 38.5 | PASS |
| | | | | RB1#7 | 23.2 | 19.39 | 38.5 | PASS |
| | | | | RB1#14 | 23.51 | 19.66 | 38.5 | PASS |
| | | | | RB8#0 | 21.94 | 18.12 | 38.5 | PASS |
| | | | | RB8#4 | 21.91 | 17.81 | 38.5 | PASS |
| | | | | RB8#7 | 22.04 | 18.21 | 38.5 | PASS |
| | | | | RB15#0 | 21.95 | 18.02 | 38.5 | PASS |
| | | | | MCH | RB1#0 | 23.7 | 19.77 | 38.5 |
| RB1#7 | 23.36 | 19.29 | 38.5 | | PASS | | | |
| RB1#14 | 23.61 | 19.55 | 38.5 | | PASS | | | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict | |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|------|
| | | | | RB8#0 | 21.94 | 18.14 | 38.5 | PASS | |
| | | | | RB8#4 | 21.86 | 17.92 | 38.5 | PASS | |
| | | | | RB8#7 | 21.92 | 17.99 | 38.5 | PASS | |
| | | | | RB15#0 | 22.07 | 18.13 | 38.5 | PASS | |
| | | | HCH | RB1#0 | 23.68 | 19.66 | 38.5 | PASS | |
| | | | | RB1#7 | 22.81 | 18.93 | 38.5 | PASS | |
| | | | | RB1#14 | 23.81 | 19.75 | 38.5 | PASS | |
| | | | | RB8#0 | 22.05 | 18.03 | 38.5 | PASS | |
| | | | | RB8#4 | 21.97 | 18.06 | 38.5 | PASS | |
| | | | | RB8#7 | 22.09 | 18.18 | 38.5 | PASS | |
| | | | | RB15#0 | 22.13 | 18.04 | 38.5 | PASS | |
| | | | | 5 | LCH | RB1#0 | 23.43 | 19.54 | 38.5 |
| | | | RB1#13 | | | 23.46 | 19.45 | 38.5 | PASS |
| | | | RB1#24 | | | 23.48 | 19.54 | 38.5 | PASS |
| | | RB12#0 | 22 | | | 17.92 | 38.5 | PASS | |
| | | RB12#6 | 22 | | | 18.09 | 38.5 | PASS | |
| | | RB12#13 | 22.02 | | | 17.97 | 38.5 | PASS | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB25#0 | 21.97 | 18.14 | 38.5 | PASS |
| | | | MCH | RB1#0 | 23.51 | 19.53 | 38.5 | PASS |
| | | | | RB1#13 | 23.52 | 19.44 | 38.5 | PASS |
| | | | | RB1#24 | 23.51 | 19.54 | 38.5 | PASS |
| | | | | RB12#0 | 22.06 | 17.97 | 38.5 | PASS |
| | | | | RB12#6 | 22.1 | 18.28 | 38.5 | PASS |
| | | | | RB12#13 | 22.06 | 18.22 | 38.5 | PASS |
| | | | | RB25#0 | 22 | 17.93 | 38.5 | PASS |
| | | | | HCH | RB1#0 | 23.49 | 19.43 | 38.5 |
| | | | RB1#13 | | 23.51 | 19.58 | 38.5 | PASS |
| | | | RB1#24 | | 23.61 | 19.65 | 38.5 | PASS |
| | | | RB12#0 | | 22.14 | 18.19 | 38.5 | PASS |
| | | | RB12#6 | | 22.12 | 18.19 | 38.5 | PASS |
| | | | RB12#13 | | 22.17 | 18.21 | 38.5 | PASS |
| | | | RB25#0 | | 22.03 | 18.05 | 38.5 | PASS |
| | | 10 | LCH | RB1#0 | 23.48 | 19.64 | 38.5 | PASS |
| | | | | RB1#25 | 22.99 | 19.03 | 38.5 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB1#49 | 23.5 | 19.56 | 38.5 | PASS |
| | | | | RB25#0 | 22.03 | 18.12 | 38.5 | PASS |
| | | | | RB25#13 | 22.01 | 18.20 | 38.5 | PASS |
| | | | | RB25#25 | 22.01 | 18.13 | 38.5 | PASS |
| | | | | RB50#0 | 22 | 18.02 | 38.5 | PASS |
| | | | MCH | RB1#0 | 23.46 | 19.52 | 38.5 | PASS |
| | | | MCH | RB1#25 | 23.32 | 19.51 | 38.5 | PASS |
| | | | MCH | RB1#49 | 23.46 | 19.39 | 38.5 | PASS |
| | | | MCH | RB25#0 | 21.97 | 17.88 | 38.5 | PASS |
| | | | MCH | RB25#13 | 21.97 | 17.92 | 38.5 | PASS |
| | | | MCH | RB25#25 | 22.05 | 18.21 | 38.5 | PASS |
| | | | MCH | RB50#0 | 22.02 | 17.92 | 38.5 | PASS |
| | | | HCH | RB1#0 | 23.41 | 19.60 | 38.5 | PASS |
| | | | HCH | RB1#25 | 22.98 | 19.08 | 38.5 | PASS |
| | | | HCH | RB1#49 | 23.56 | 19.73 | 38.5 | PASS |
| | | | HCH | RB25#0 | 22.02 | 18.17 | 38.5 | PASS |
| | | | HCH | RB25#13 | 22.05 | 18.24 | 38.5 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB25#25 | 22.13 | 18.11 | 38.5 | PASS |
| | | | | RB50#0 | 22.06 | 18.01 | 38.5 | PASS |
| | LTE/TM2 | 1.4 | LCH | RB1#0 | 22.05 | 18.22 | 38.5 | PASS |
| | | | | RB1#3 | 22.01 | 18.00 | 38.5 | PASS |
| | | | | RB1#5 | 22.08 | 18.28 | 38.5 | PASS |
| | | | | RB3#0 | 21.83 | 17.74 | 38.5 | PASS |
| | | | | RB3#2 | 21.65 | 17.71 | 38.5 | PASS |
| | | | | RB3#3 | 21.89 | 17.85 | 38.5 | PASS |
| | | | | RB6#0 | 20.86 | 16.90 | 38.5 | PASS |
| | | | | MCH | RB1#0 | 22.23 | 18.42 | 38.5 |
| | | | RB1#3 | | 22.29 | 18.34 | 38.5 | PASS |
| | | | RB1#5 | | 22.22 | 18.25 | 38.5 | PASS |
| | | | RB3#0 | | 22.09 | 18.03 | 38.5 | PASS |
| | | | RB3#2 | | 22.12 | 18.09 | 38.5 | PASS |
| | | | RB3#3 | | 21.91 | 18.05 | 38.5 | PASS |
| | | | HCH | RB6#0 | 20.92 | 16.94 | 38.5 | PASS |
| RB1#0 | 22.16 | 18.32 | | 38.5 | PASS | | | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB1#3 | 21.86 | 17.90 | 38.5 | PASS |
| | | | | RB1#5 | 22.16 | 18.19 | 38.5 | PASS |
| | | | | RB3#0 | 22.04 | 18.13 | 38.5 | PASS |
| | | | | RB3#2 | 22.08 | 18.10 | 38.5 | PASS |
| | | | | RB3#3 | 22.19 | 18.27 | 38.5 | PASS |
| | | | | RB6#0 | 20.97 | 17.15 | 38.5 | PASS |
| | | 3 | LCH | RB1#0 | 22.08 | 18.04 | 38.5 | PASS |
| | | | | RB1#7 | 22.44 | 18.62 | 38.5 | PASS |
| | | | | RB1#14 | 22.16 | 18.10 | 38.5 | PASS |
| | | | | RB8#0 | 20.79 | 16.96 | 38.5 | PASS |
| | | | | RB8#4 | 20.94 | 16.85 | 38.5 | PASS |
| | | | | RB8#7 | 20.89 | 17.04 | 38.5 | PASS |
| | | | | RB15#0 | 20.97 | 16.95 | 38.5 | PASS |
| | | | MCH | RB1#0 | 22.11 | 18.04 | 38.5 | PASS |
| | | | | RB1#7 | 21.72 | 17.91 | 38.5 | PASS |
| | | | | RB1#14 | 22.04 | 18.01 | 38.5 | PASS |
| | | | | RB8#0 | 20.95 | 17.01 | 38.5 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB8#4 | 20.84 | 16.94 | 38.5 | PASS |
| | | | | RB8#7 | 20.97 | 17.15 | 38.5 | PASS |
| | | | | RB15#0 | 20.96 | 17.09 | 38.5 | PASS |
| | | | HCH | RB1#0 | 22.26 | 18.43 | 38.5 | PASS |
| | | | | RB1#7 | 22.48 | 18.43 | 38.5 | PASS |
| | | | | RB1#14 | 22.36 | 18.49 | 38.5 | PASS |
| | | | | RB8#0 | 20.96 | 17.06 | 38.5 | PASS |
| | | | | RB8#4 | 20.99 | 16.95 | 38.5 | PASS |
| | | | | RB8#7 | 20.95 | 17.01 | 38.5 | PASS |
| | | RB15#0 | 21.05 | 17.17 | 38.5 | PASS | | |
| | | 5 | LCH | RB1#0 | 22.09 | 18.18 | 38.5 | PASS |
| | | | | RB1#13 | 22.11 | 18.14 | 38.5 | PASS |
| | | | | RB1#24 | 22.16 | 18.21 | 38.5 | PASS |
| | | | | RB12#0 | 20.93 | 16.89 | 38.5 | PASS |
| | | | | RB12#6 | 20.84 | 16.96 | 38.5 | PASS |
| RB12#13 | 20.91 | | | 17.00 | 38.5 | PASS | | |
| RB25#0 | 20.9 | | | 17.04 | 38.5 | PASS | | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | MCH | RB1#0 | 22.29 | 18.36 | 38.5 | PASS |
| | | | | RB1#13 | 22.3 | 18.34 | 38.5 | PASS |
| | | | | RB1#24 | 22.34 | 18.52 | 38.5 | PASS |
| | | | | RB12#0 | 21 | 17.06 | 38.5 | PASS |
| | | | | RB12#6 | 20.91 | 16.90 | 38.5 | PASS |
| | | | | RB12#13 | 20.97 | 16.90 | 38.5 | PASS |
| | | | | RB25#0 | 20.96 | 16.91 | 38.5 | PASS |
| | | | HCH | RB1#0 | 22.36 | 18.32 | 38.5 | PASS |
| | | | | RB1#13 | 22.32 | 18.44 | 38.5 | PASS |
| | | | | RB1#24 | 22.41 | 18.56 | 38.5 | PASS |
| | | | | RB12#0 | 21.03 | 17.16 | 38.5 | PASS |
| | | | | RB12#6 | 20.98 | 16.95 | 38.5 | PASS |
| | | | | RB12#13 | 21.08 | 17.27 | 38.5 | PASS |
| | | | | RB25#0 | 21 | 17.20 | 38.5 | PASS |
| | | 10 | LCH | RB1#0 | 21.83 | 17.83 | 38.5 | PASS |
| RB1#25 | 21.85 | | | 17.94 | 38.5 | PASS | | |
| RB1#49 | 21.95 | | | 17.89 | 38.5 | PASS | | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB25#0 | 20.93 | 16.87 | 38.5 | PASS |
| | | | | RB25#13 | 20.88 | 16.84 | 38.5 | PASS |
| | | | | RB25#25 | 20.96 | 16.95 | 38.5 | PASS |
| | | | | RB50#0 | 20.91 | 16.89 | 38.5 | PASS |
| | | | MCH | RB1#0 | 21.96 | 18.16 | 38.5 | PASS |
| | | | MCH | RB1#25 | 21.97 | 18.13 | 38.5 | PASS |
| | | | MCH | RB1#49 | 22.15 | 18.10 | 38.5 | PASS |
| | | | MCH | RB25#0 | 20.95 | 17.07 | 38.5 | PASS |
| | | | MCH | RB25#13 | 20.99 | 16.95 | 38.5 | PASS |
| | | | MCH | RB25#25 | 20.99 | 16.90 | 38.5 | PASS |
| | | | MCH | RB50#0 | 21 | 17.05 | 38.5 | PASS |
| | | | HCH | RB1#0 | 22.25 | 18.20 | 38.5 | PASS |
| | | | HCH | RB1#25 | 22.35 | 18.29 | 38.5 | PASS |
| | | | HCH | RB1#49 | 22.35 | 18.50 | 38.5 | PASS |
| | | | HCH | RB25#0 | 20.88 | 16.93 | 38.5 | PASS |
| | | | HCH | RB25#13 | 20.94 | 16.97 | 38.5 | PASS |
| | | | HCH | RB25#25 | 20.97 | 16.97 | 38.5 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | ERP | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-------|-------------|---------|
| | | | | RB50#0 | 20.96 | 17.16 | 38.5 | 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:

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

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

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

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 |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND5 | LTE/TM1 | 1.4 | LCH | RB1#0 | 4.25 | 13 | PASS |
| | | | | RB1#3 | 4.26 | 13 | PASS |
| | | | | RB1#5 | 4.05 | 13 | PASS |
| | | | | RB3#0 | 5.03 | 13 | PASS |
| | | | | RB3#2 | 4.97 | 13 | PASS |
| | | | | RB3#3 | 4.68 | 13 | PASS |
| | | | RB6#0 | 5.49 | 13 | PASS | |
| | | | MCH | RB1#0 | 4.34 | 13 | PASS |
| | | | | RB1#3 | 4.43 | 13 | PASS |
| | | | | RB1#5 | 4.39 | 13 | PASS |
| | | | | RB3#0 | 4.7 | 13 | PASS |
| | | | | RB3#2 | 4.74 | 13 | PASS |
| | | | | RB3#3 | 4.79 | 13 | PASS |
| | | | RB6#0 | 5.78 | 13 | PASS | |
| | | | HCH | RB1#0 | 3.12 | 13 | PASS |
| | | | | RB1#3 | 3.48 | 13 | PASS |
| | | | | RB1#5 | 3.53 | 13 | PASS |
| | | | | RB3#0 | 3.73 | 13 | PASS |
| | | RB3#2 | | 3.82 | 13 | PASS | |
| | | RB3#3 | | 3.9 | 13 | PASS | |
| | | RB6#0 | 5.27 | 13 | PASS | | |
| | | 3 | LCH | RB1#0 | 4.31 | 13 | PASS |
| | | | | RB1#7 | 4.04 | 13 | PASS |
| | | | | RB1#14 | 3.72 | 13 | PASS |
| | | | | RB8#0 | 5.61 | 13 | PASS |
| | | | | RB8#4 | 5.44 | 13 | PASS |
| | | | | RB8#7 | 5.42 | 13 | PASS |
| | | | RB15#0 | 5.62 | 13 | PASS | |
| | | | MCH | RB1#0 | 4.26 | 13 | PASS |
| | | | | RB1#7 | 4.55 | 13 | PASS |
| RB1#14 | 4.46 | | | 13 | PASS | | |
| RB8#0 | 5.34 | | | 13 | PASS | | |
| RB8#4 | 5.52 | | | 13 | PASS | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB8#7 | 5.55 | 13 | PASS |
| | | | | RB15#0 | 5.7 | 13 | PASS |
| | | | HCH | RB1#0 | 2.92 | 13 | PASS |
| | | | | RB1#7 | 3.42 | 13 | PASS |
| | | | | RB1#14 | 3.83 | 13 | PASS |
| | | | | RB8#0 | 4.65 | 13 | PASS |
| | | | | RB8#4 | 4.7 | 13 | PASS |
| | | | | RB8#7 | 5.01 | 13 | PASS |
| | | RB15#0 | 5.08 | 13 | PASS | | |
| | | 5 | LCH | RB1#0 | 4.34 | 13 | PASS |
| | | | | RB1#13 | 3.8 | 13 | PASS |
| | | | | RB1#24 | 3.62 | 13 | PASS |
| | | | | RB12#0 | 5.57 | 13 | PASS |
| | | | | RB12#6 | 5.31 | 13 | PASS |
| | | | | RB12#13 | 5.39 | 13 | PASS |
| | | | | RB25#0 | 5.59 | 13 | PASS |
| | | | MCH | RB1#0 | 4.3 | 13 | PASS |
| | | | | RB1#13 | 4.56 | 13 | PASS |
| | | | | RB1#24 | 4.61 | 13 | PASS |
| | | | | RB12#0 | 5.64 | 13 | PASS |
| | | | | RB12#6 | 5.57 | 13 | PASS |
| | | | | RB12#13 | 5.61 | 13 | PASS |
| | | | | RB25#0 | 6 | 13 | PASS |
| | | HCH | RB1#0 | 3.45 | 13 | PASS | |
| | | | RB1#13 | 3.03 | 13 | PASS | |
| | | | RB1#24 | 3.77 | 13 | PASS | |
| | | | RB12#0 | 4.57 | 13 | PASS | |
| | | | RB12#6 | 4.42 | 13 | PASS | |
| | | | RB12#13 | 4.71 | 13 | PASS | |
| | | | RB25#0 | 5.34 | 13 | PASS | |
| | | 10 | LCH | RB1#0 | 4.29 | 13 | PASS |
| | | | | RB1#25 | 3.39 | 13 | PASS |
| RB1#49 | 3.93 | | | 13 | PASS | | |
| RB25#0 | 5.46 | | | 13 | PASS | | |
| RB25#13 | 5.15 | | | 13 | PASS | | |
| RB25#25 | 5.28 | | | 13 | PASS | | |
| RB50#0 | 5.49 | | | 13 | PASS | | |
| MCH | RB1#0 | | 3.88 | 13 | PASS | | |
| RB1#25 | 4.5 | 13 | PASS | | | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict | | | |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|------|----|------|
| | | | | RB1#49 | 4.28 | 13 | PASS | | | |
| | | | | RB25#0 | 5.6 | 13 | PASS | | | |
| | | | | RB25#13 | 5.71 | 13 | PASS | | | |
| | | | | RB25#25 | 5.73 | 13 | PASS | | | |
| | | | | RB50#0 | 6.11 | 13 | PASS | | | |
| | | | HCH | RB1#0 | 4.49 | 13 | PASS | | | |
| | | | | RB1#25 | 2.93 | 13 | PASS | | | |
| | | | | RB1#49 | 3.43 | 13 | PASS | | | |
| | | | | RB25#0 | 5.62 | 13 | PASS | | | |
| | | | | RB25#13 | 4.85 | 13 | PASS | | | |
| | | | | RB25#25 | 4.87 | 13 | PASS | | | |
| | | | | | 1.4 | LCH | RB1#0 | 5.61 | 13 | PASS |
| | | | | | | | RB1#3 | 5.59 | 13 | PASS |
| | | | | | | | RB1#5 | 5.37 | 13 | PASS |
| | | | | | | | RB3#0 | 5.77 | 13 | PASS |
| | RB3#2 | 5.6 | | | | | 13 | PASS | | |
| | RB3#3 | 5.79 | | | | | 13 | PASS | | |
| | RB6#0 | 6.51 | | | | | 13 | PASS | | |
| | MCH | RB1#0 | | | | 5.34 | 13 | PASS | | |
| | | RB1#3 | | | | 5.47 | 13 | PASS | | |
| | | RB1#5 | | | | 5.36 | 13 | PASS | | |
| | | RB3#0 | | | | 5.96 | 13 | PASS | | |
| | | RB3#2 | | | | 6.1 | 13 | PASS | | |
| | | RB3#3 | | | | 5.96 | 13 | PASS | | |
| | HCH | RB6#0 | | | | 6.53 | 13 | PASS | | |
| | | RB1#0 | | | | 4.24 | 13 | PASS | | |
| | | RB1#3 | 4.67 | 13 | PASS | | | | | |
| | | RB1#5 | 4.6 | 13 | PASS | | | | | |
| | | RB3#0 | 5.09 | 13 | PASS | | | | | |
| | | RB3#2 | 5.17 | 13 | PASS | | | | | |
| RB3#3 | | 5.22 | 13 | PASS | | | | | | |
| | | 3 | LCH | RB1#0 | 5.51 | 13 | PASS | | | |
| | | | | RB1#7 | 5.34 | 13 | PASS | | | |
| | | | | RB1#14 | 5.04 | 13 | PASS | | | |
| | | | | RB8#0 | 6.5 | 13 | PASS | | | |
| | | | | RB8#4 | 6.41 | 13 | PASS | | | |
| | | | | RB8#7 | 6.39 | 13 | PASS | | | |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB15#0 | 6.13 | 13 | PASS |
| | | | MCH | RB1#0 | 5.45 | 13 | PASS |
| | | | | RB1#7 | 5.57 | 13 | PASS |
| | | | | RB1#14 | 5.57 | 13 | PASS |
| | | | | RB8#0 | 6.31 | 13 | PASS |
| | | | | RB8#4 | 6.29 | 13 | PASS |
| | | | | RB8#7 | 6.34 | 13 | PASS |
| | | | | RB15#0 | 6.46 | 13 | PASS |
| | | | HCH | RB1#0 | 4.09 | 13 | PASS |
| | | | | RB1#7 | 4.17 | 13 | PASS |
| | | | | RB1#14 | 4.78 | 13 | PASS |
| | | | | RB8#0 | 5.65 | 13 | PASS |
| | | | | RB8#4 | 5.59 | 13 | PASS |
| | | | | RB8#7 | 5.83 | 13 | PASS |
| | | 5 | LCH | RB1#0 | 5.32 | 13 | PASS |
| | | | | RB1#13 | 4.81 | 13 | PASS |
| | | | | RB1#24 | 4.58 | 13 | PASS |
| | | | | RB12#0 | 6.7 | 13 | PASS |
| | | | | RB12#6 | 6.38 | 13 | PASS |
| | | | | RB12#13 | 6.34 | 13 | PASS |
| | | | | RB25#0 | 6.68 | 13 | PASS |
| | | | MCH | RB1#0 | 5.16 | 13 | PASS |
| | | | | RB1#13 | 5.45 | 13 | PASS |
| | | | | RB1#24 | 5.53 | 13 | PASS |
| | | | | RB12#0 | 6.3 | 13 | PASS |
| | | | | RB12#6 | 6.34 | 13 | PASS |
| | | | | RB12#13 | 6.46 | 13 | PASS |
| | | | | RB25#0 | 6.56 | 13 | PASS |
| | | HCH | RB1#0 | 4.14 | 13 | PASS | |
| | | | RB1#13 | 3.86 | 13 | PASS | |
| | | | RB1#24 | 4.63 | 13 | PASS | |
| | | | RB12#0 | 5.42 | 13 | PASS | |
| | | | RB12#6 | 5.29 | 13 | PASS | |
| RB12#13 | 5.62 | | 13 | PASS | | | |
| RB25#0 | 6.02 | | 13 | PASS | | | |
| 10 | LCH | RB1#0 | 5.43 | 13 | PASS | | |
| | | RB1#25 | 5.29 | 13 | PASS | | |
| | | RB1#49 | 5.21 | 13 | PASS | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB25#0 | 6.47 | 13 | PASS |
| | | | | RB25#13 | 6.13 | 13 | PASS |
| | | | | RB25#25 | 6.34 | 13 | PASS |
| | | | | RB50#0 | 6.4 | 13 | PASS |
| | | | MCH | RB1#0 | 4.78 | 13 | PASS |
| | | | | RB1#25 | 5.59 | 13 | PASS |
| | | | | RB1#49 | 5.29 | 13 | PASS |
| | | | | RB25#0 | 6.51 | 13 | PASS |
| | | | | RB25#13 | 6.46 | 13 | PASS |
| | | | | RB25#25 | 6.72 | 13 | PASS |
| | | | | RB50#0 | 6.7 | 13 | PASS |
| | | | HCH | RB1#0 | 5.43 | 13 | PASS |
| | | | | RB1#25 | 4.69 | 13 | PASS |
| | | | | RB1#49 | 4.74 | 13 | PASS |
| | | | | RB25#0 | 6.32 | 13 | PASS |
| | | | | RB25#13 | 5.7 | 13 | PASS |
| | | | | RB25#25 | 5.6 | 13 | PASS |
| | | | | RB50#0 | 6.62 | 13 | PASS |

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

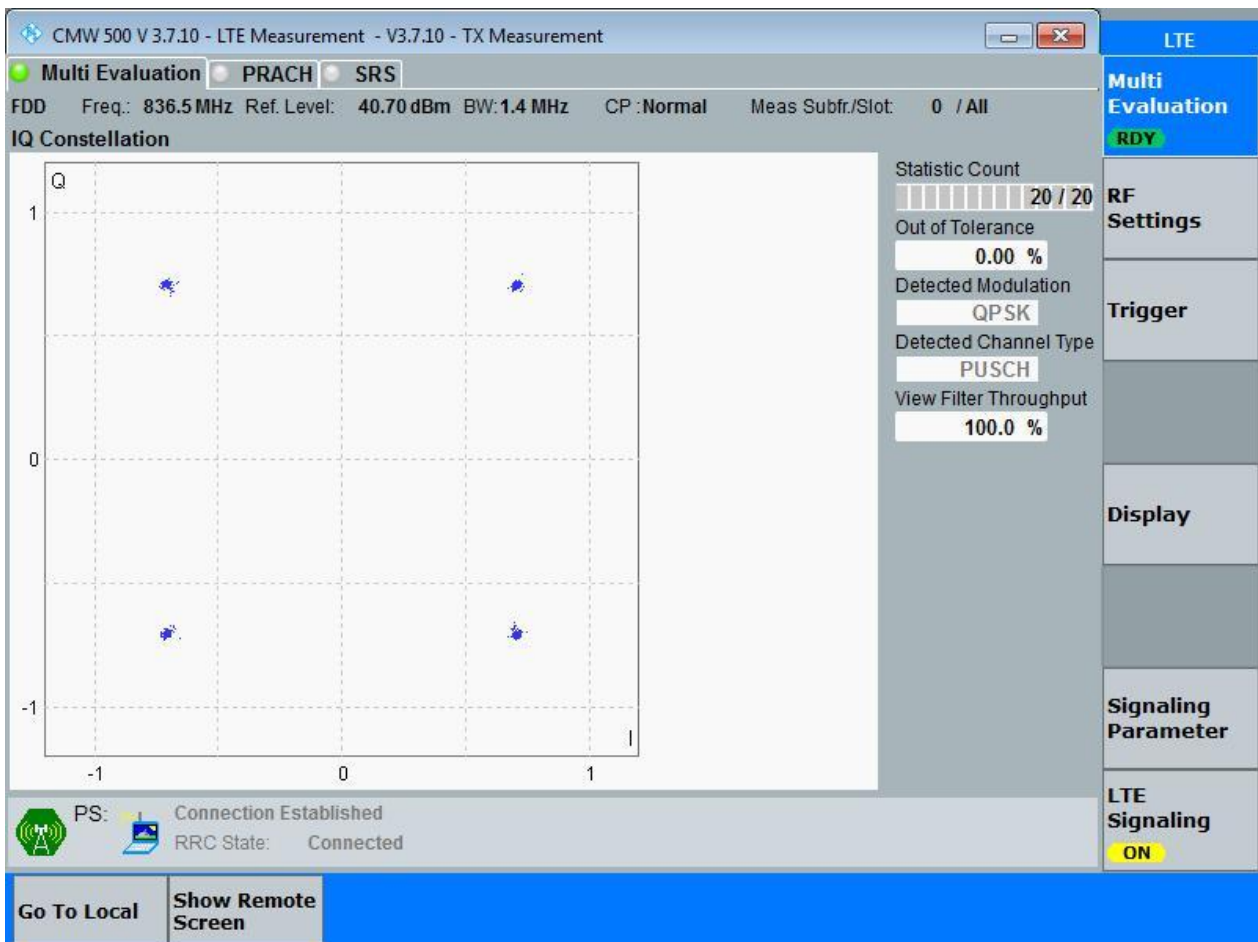
3.1.1 Test Band = BAND5

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

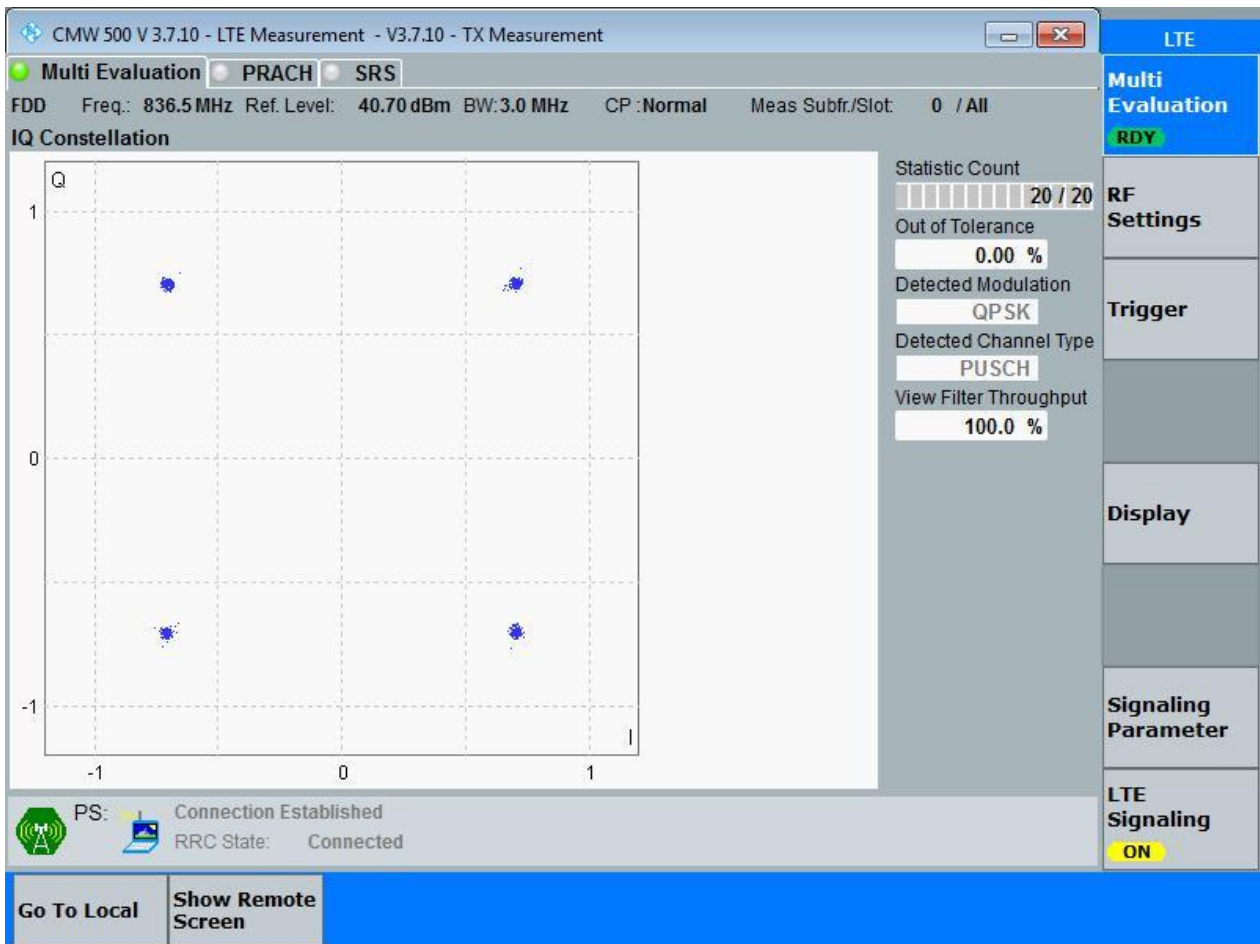
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

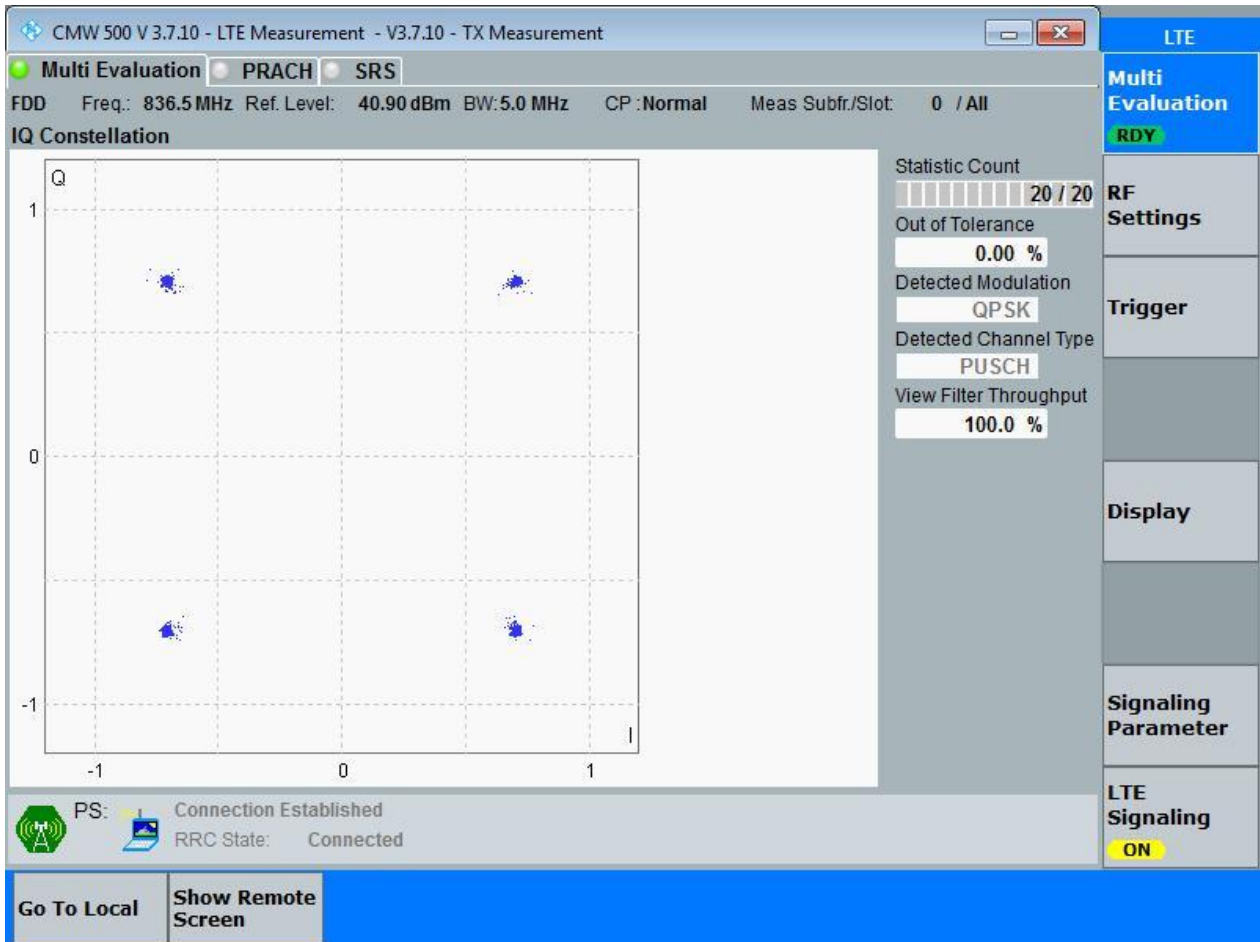
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

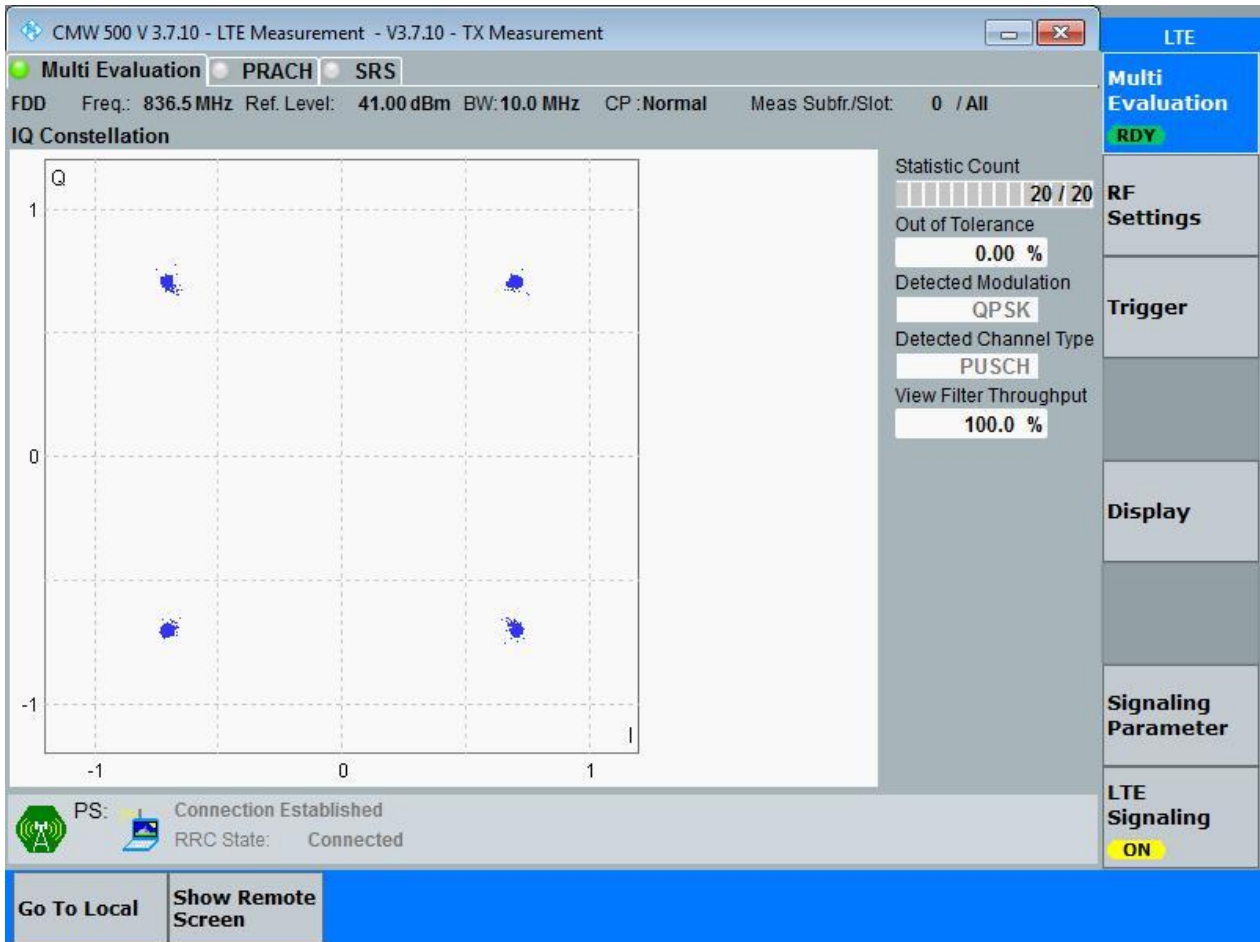
3.1.1.1.3.1.1 Test RB = RB25#0



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

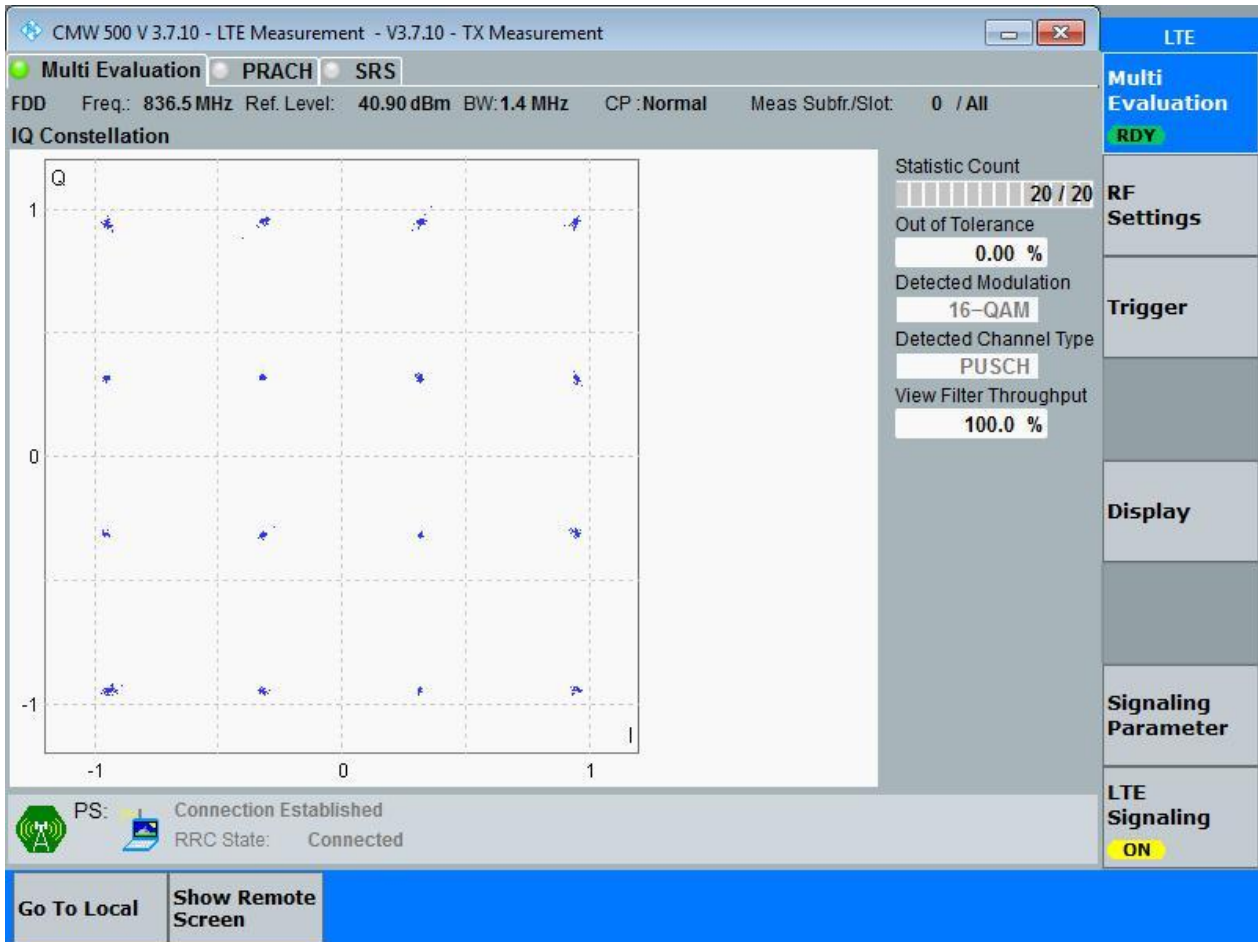


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

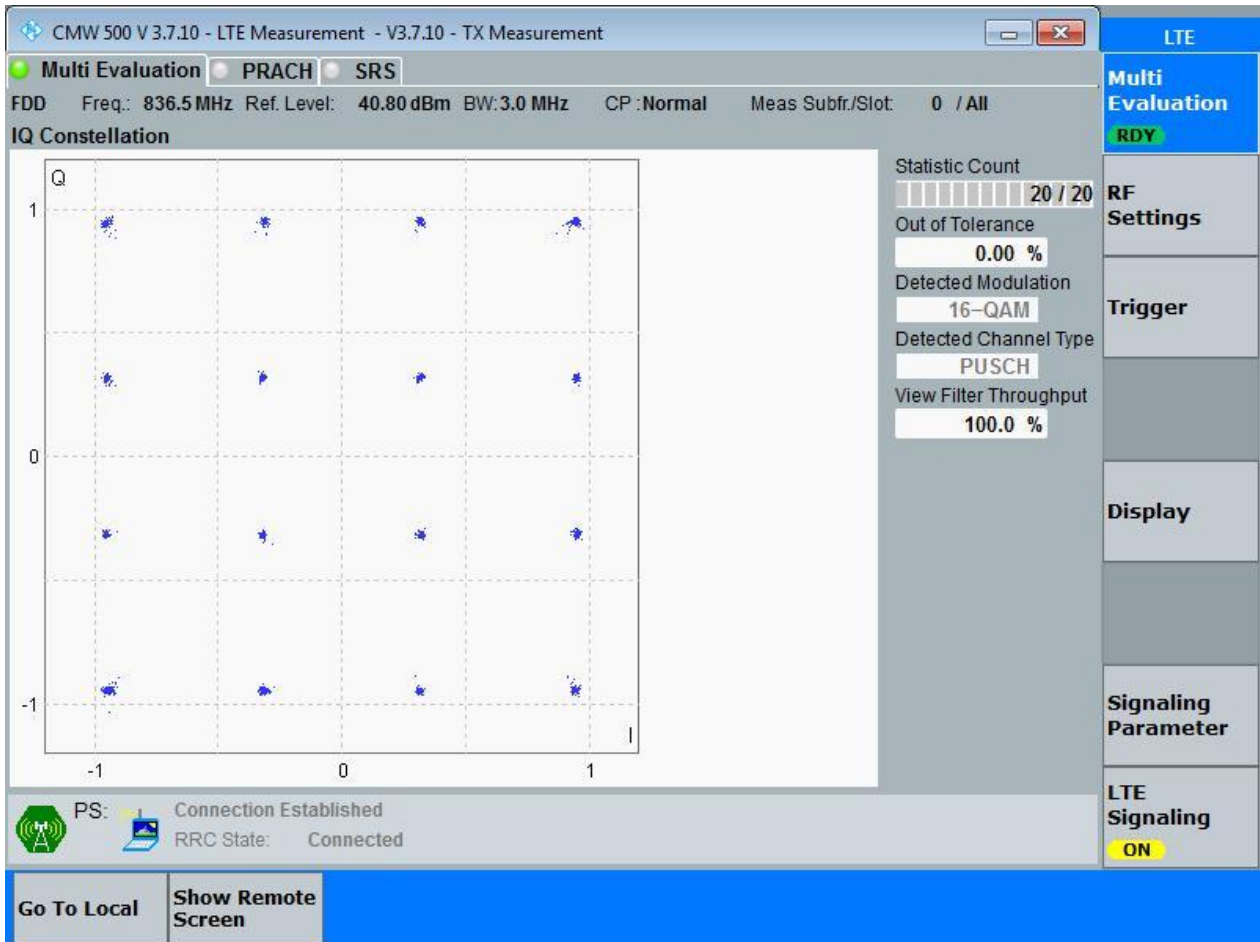
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

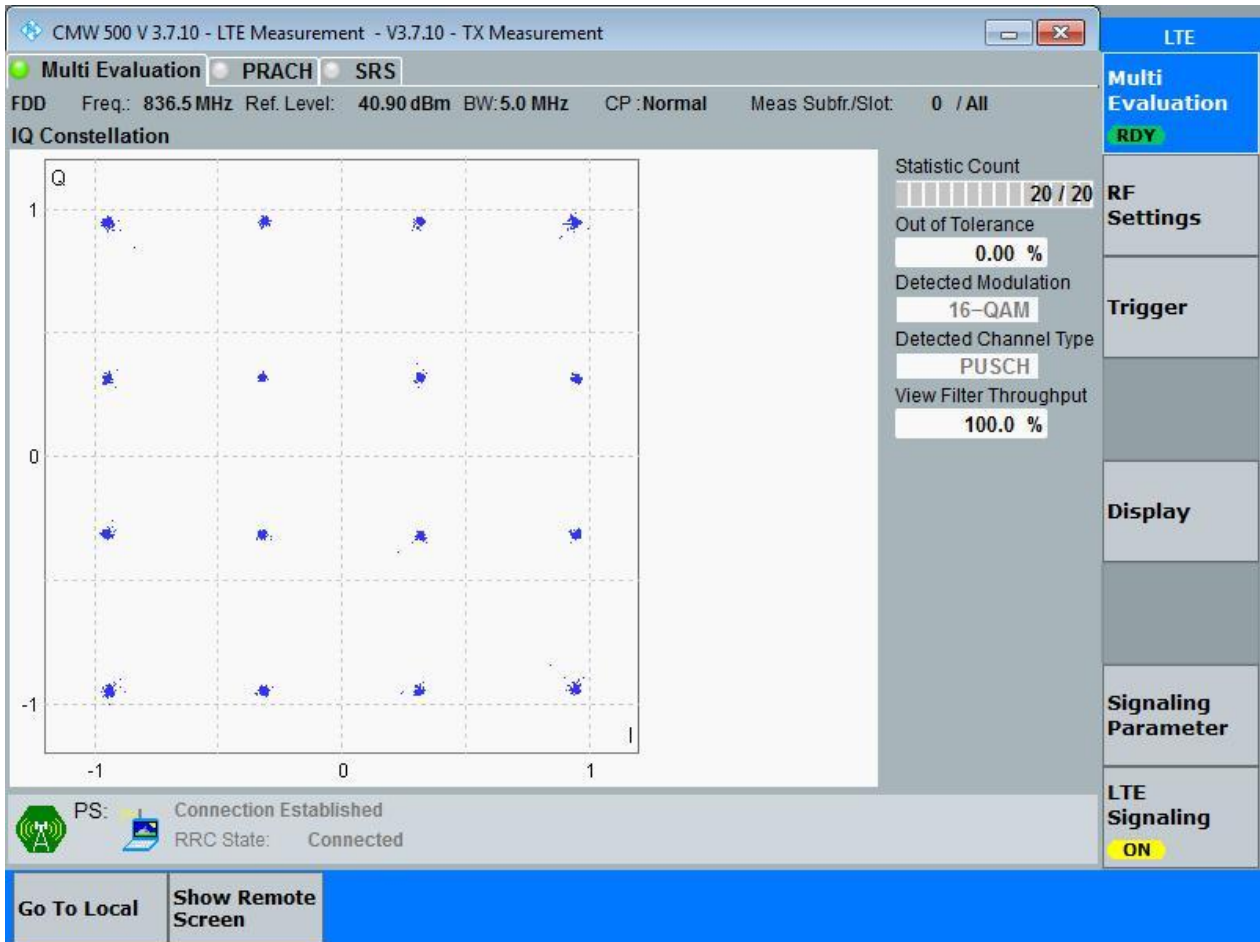
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

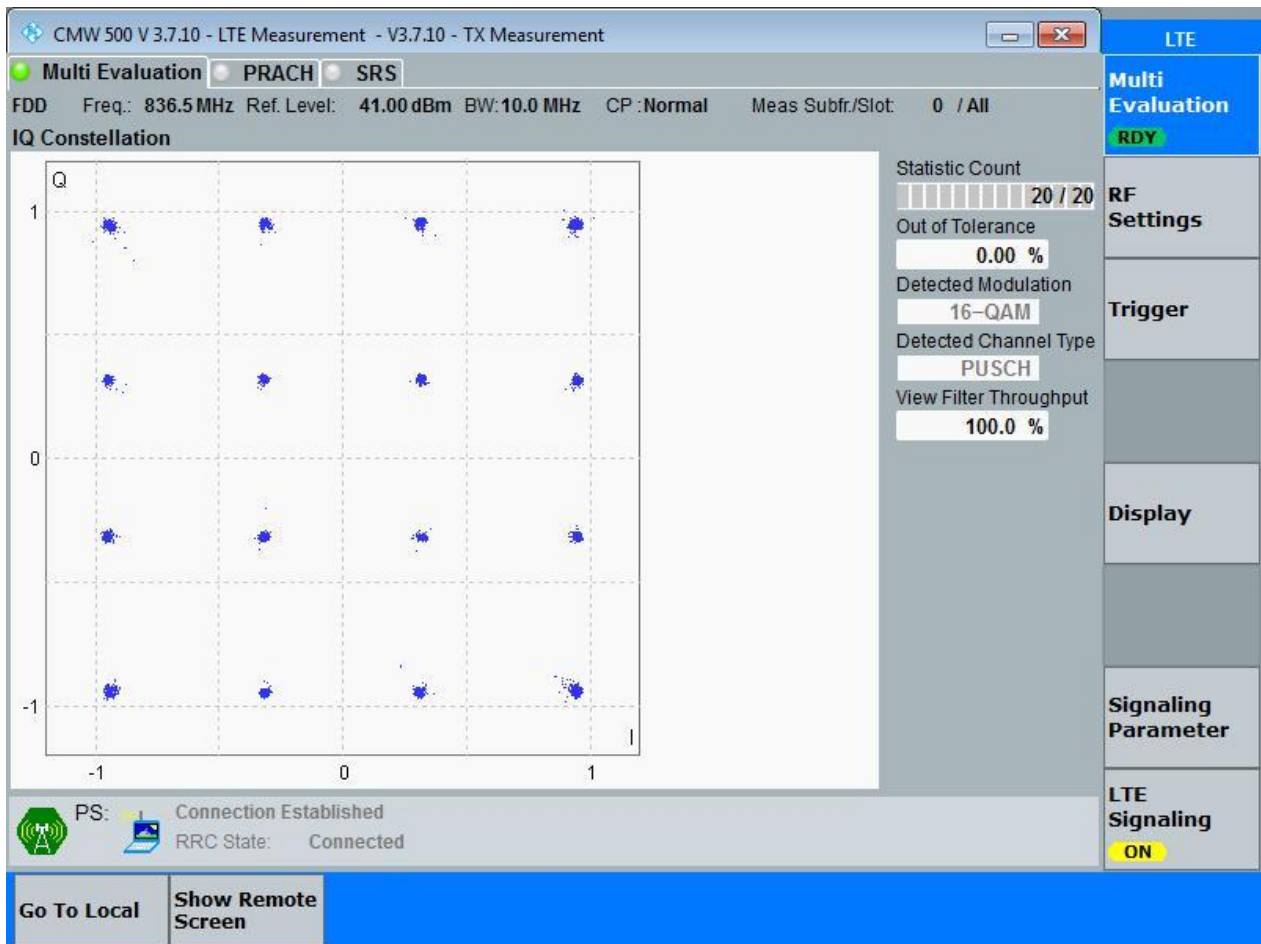
3.1.1.2.3.1.1 Test RB = RB25#0



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



4Appendix_D: Bandwidth

Part I - Test Results

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| BAND5 | LTE/TM1 | 1.4 | LCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | | MCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | | HCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | 3 | LCH | RB15#0 | 2.71 | 2.94 | Pass |
| | | | MCH | RB15#0 | 2.70 | 2.93 | Pass |
| | | | HCH | RB15#0 | 2.70 | 2.93 | Pass |
| | | 5 | LCH | RB25#0 | 4.50 | 4.83 | Pass |
| | | | MCH | RB25#0 | 4.50 | 4.84 | Pass |
| | | | HCH | RB25#0 | 4.49 | 4.85 | Pass |
| | | 10 | LCH | RB50#0 | 8.97 | 9.58 | Pass |
| | | | MCH | RB50#0 | 9.00 | 9.68 | Pass |
| | | | HCH | RB50#0 | 8.98 | 9.56 | Pass |
| | LTE/TM2 | 1.4 | LCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | | MCH | RB6#0 | 1.09 | 1.22 | Pass |
| | | | HCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | 3 | LCH | RB15#0 | 2.71 | 2.93 | Pass |
| | | | MCH | RB15#0 | 2.71 | 2.94 | Pass |
| | | | HCH | RB15#0 | 2.70 | 2.94 | Pass |
| | | 5 | LCH | RB25#0 | 4.51 | 4.87 | Pass |
| | | | MCH | RB25#0 | 4.51 | 4.86 | Pass |
| | | | HCH | RB25#0 | 4.50 | 4.87 | Pass |
| | | 10 | LCH | RB50#0 | 8.97 | 9.57 | Pass |
| | | | MCH | RB50#0 | 9.00 | 9.61 | Pass |
| | | | HCH | RB50#0 | 8.98 | 9.55 | Pass |

Part II - Test Plots

4.1 For LTE

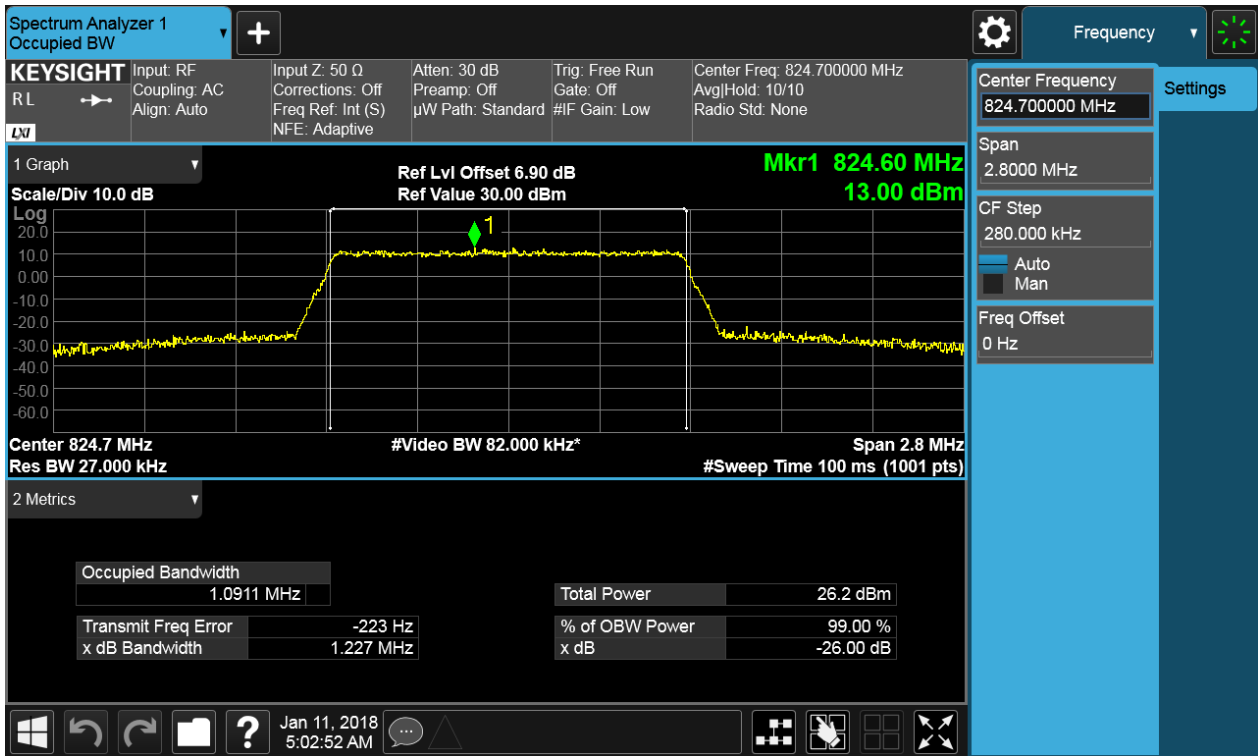
4.1.1 Test Band = BAND5

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

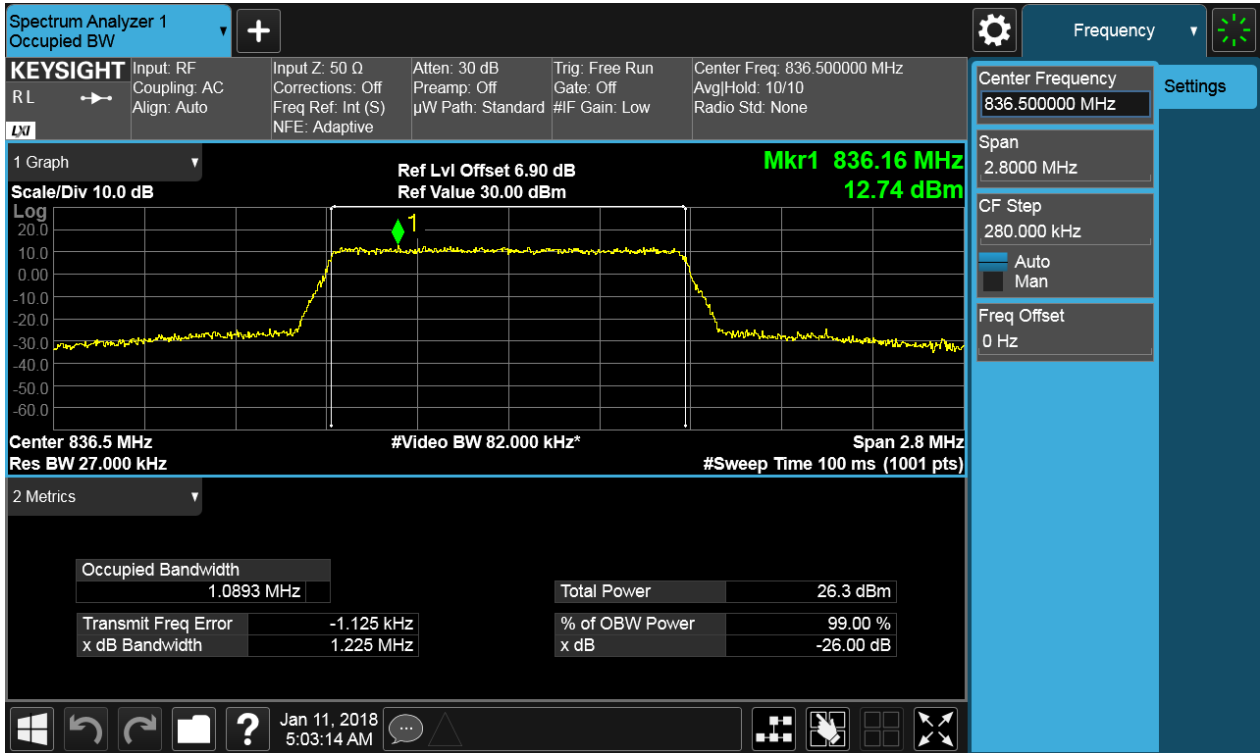
4.1.1.1.1.1.1 Test RB = RB6#0





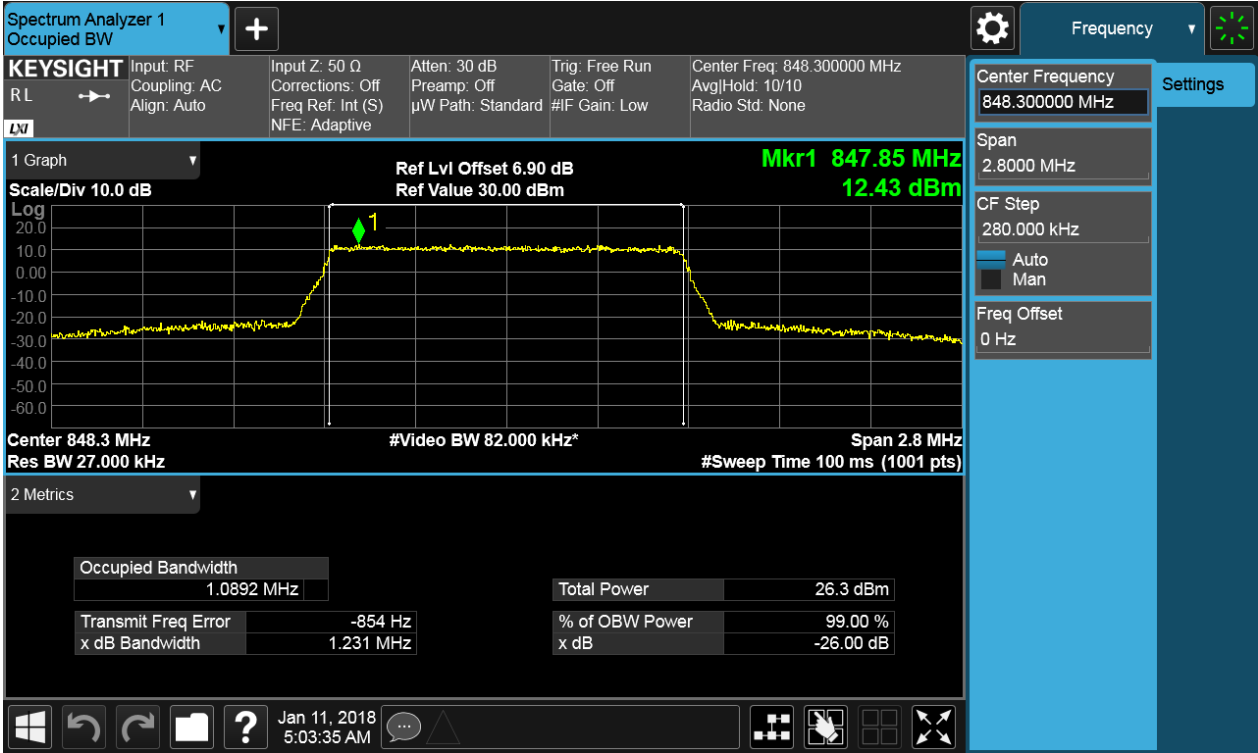
4.1.1.1.1.2 Test Channel = MCH

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

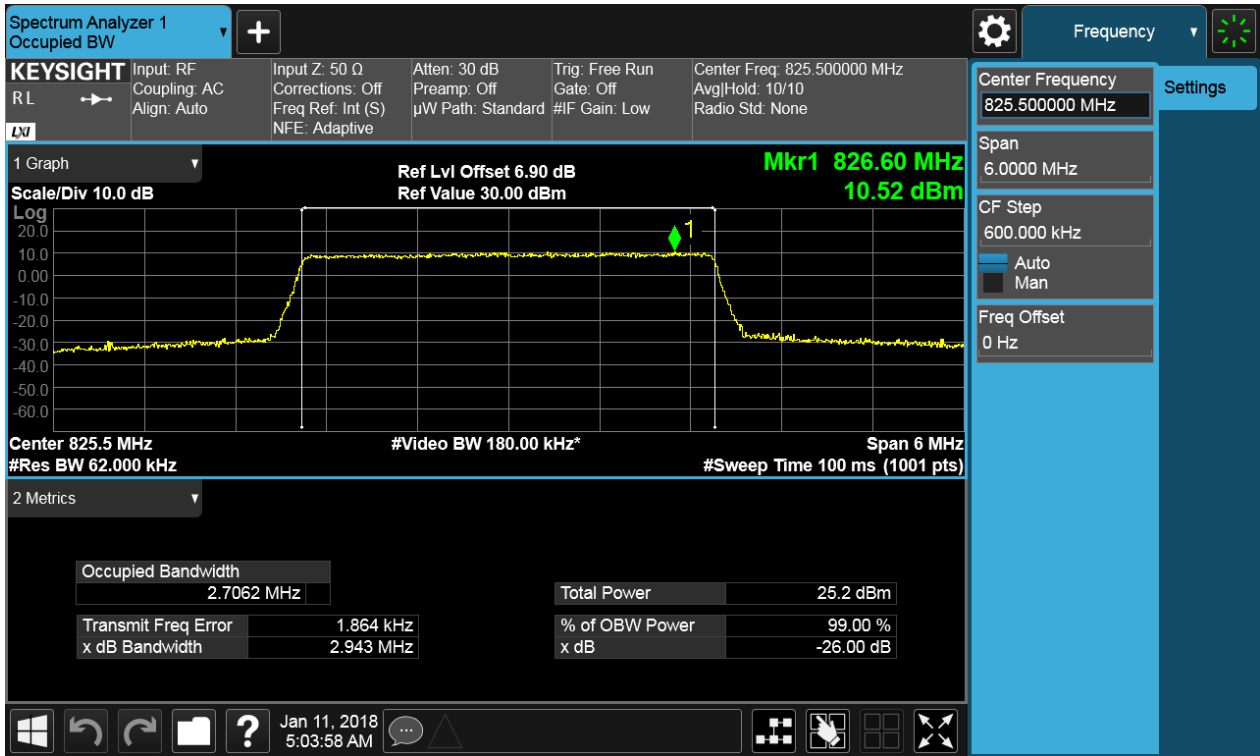




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

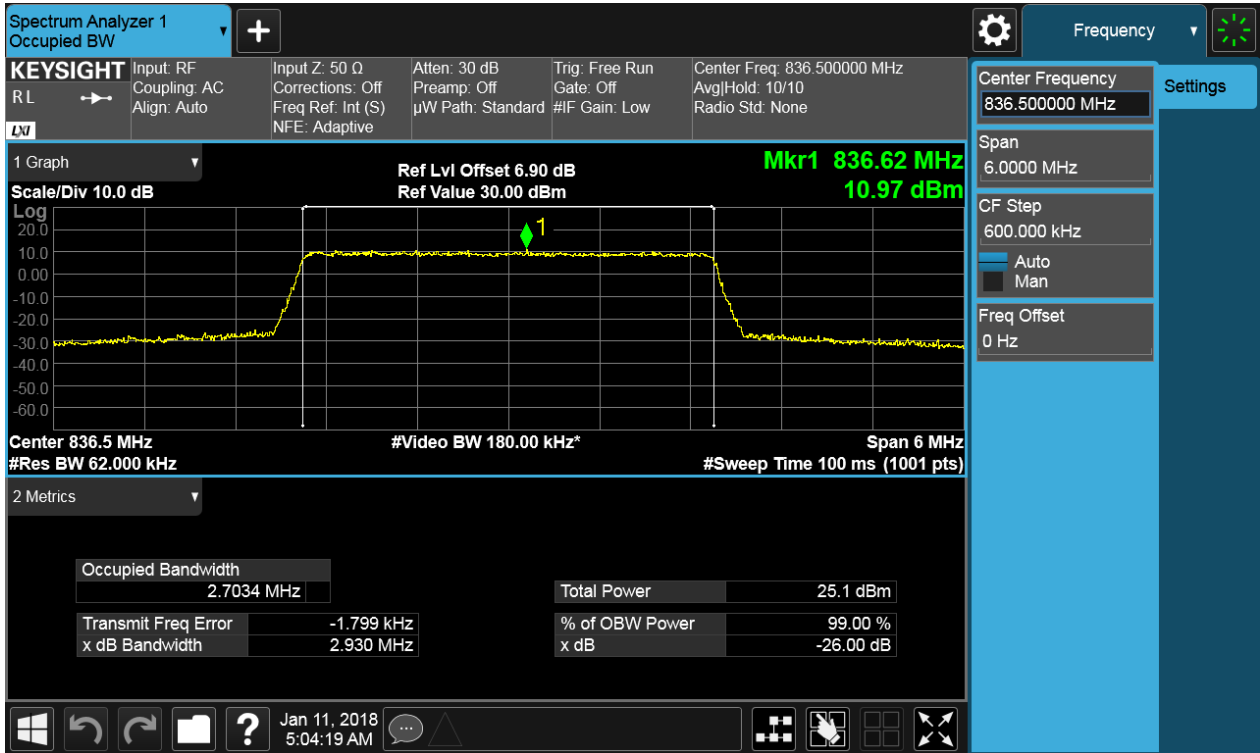
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

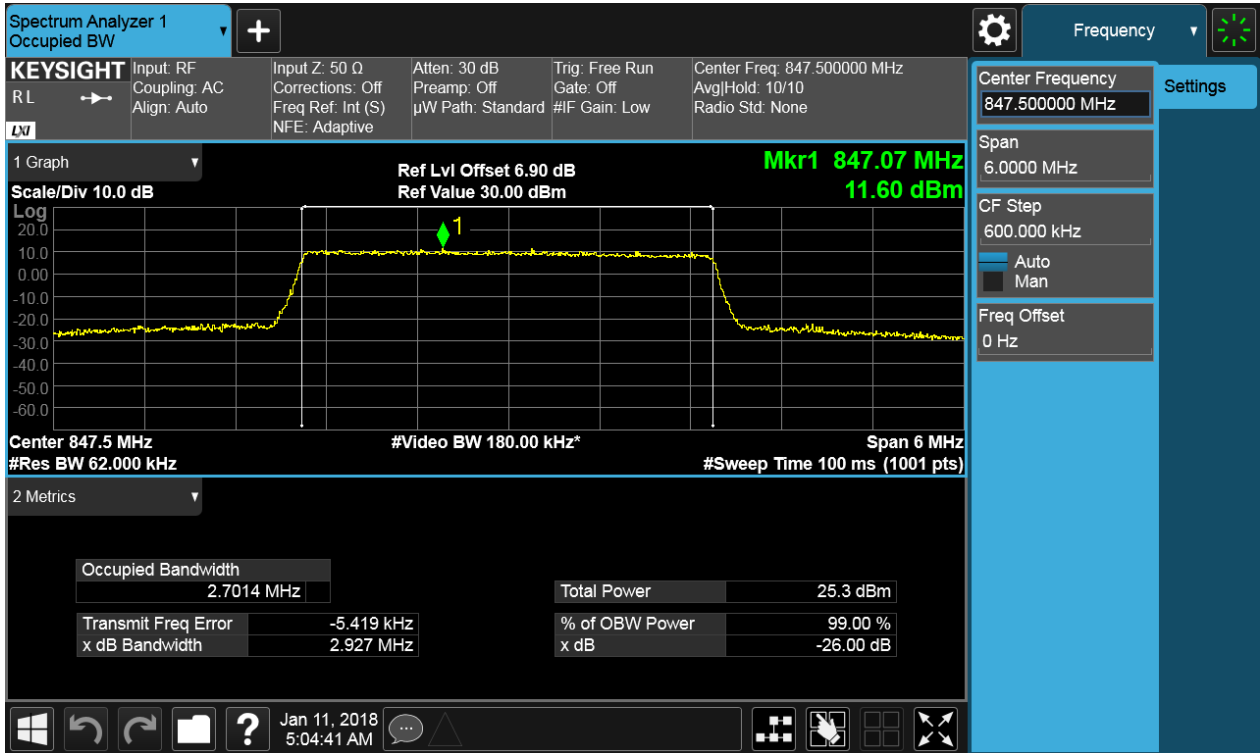
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

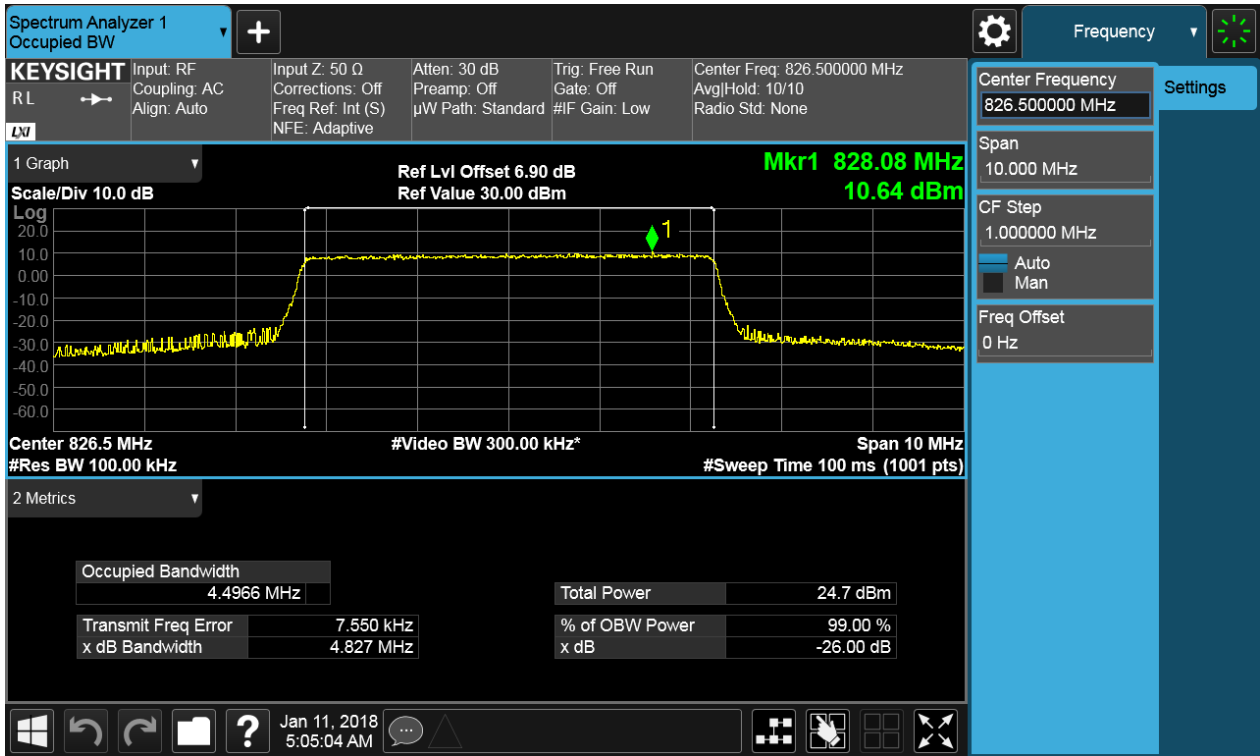




4.1.1.1.3 Test Bandwidth = 5

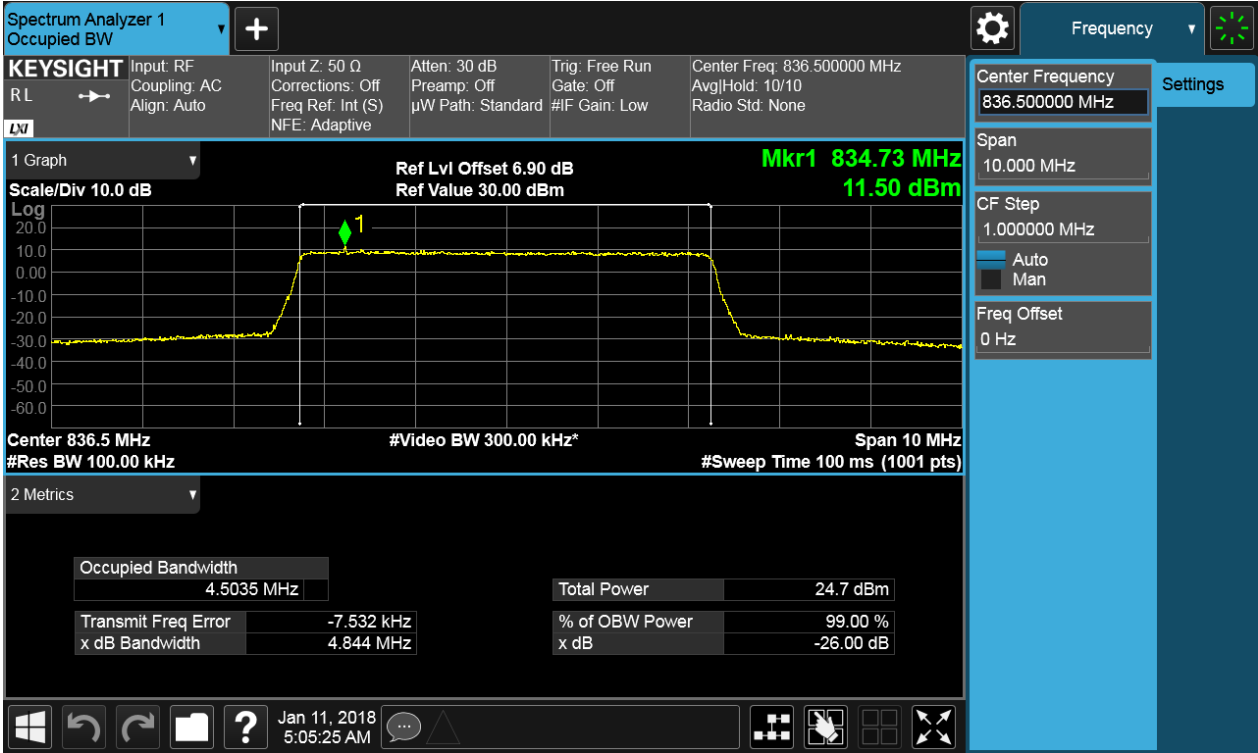
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

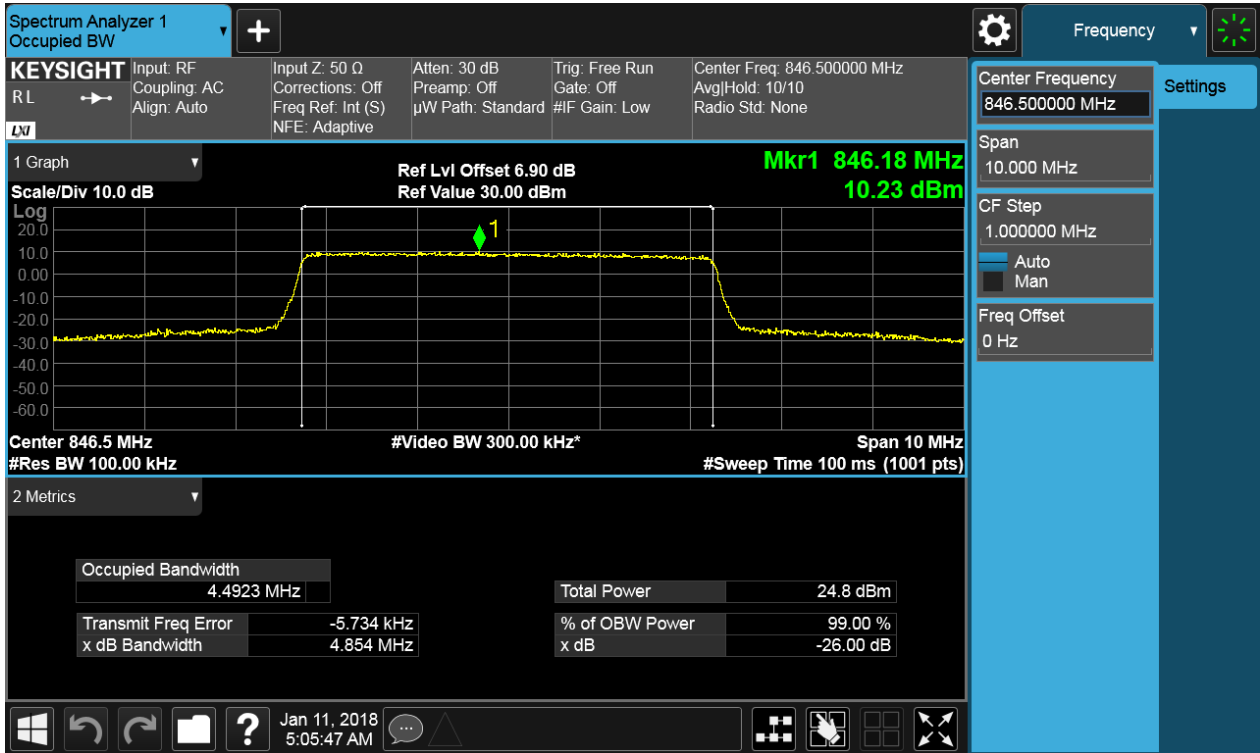
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

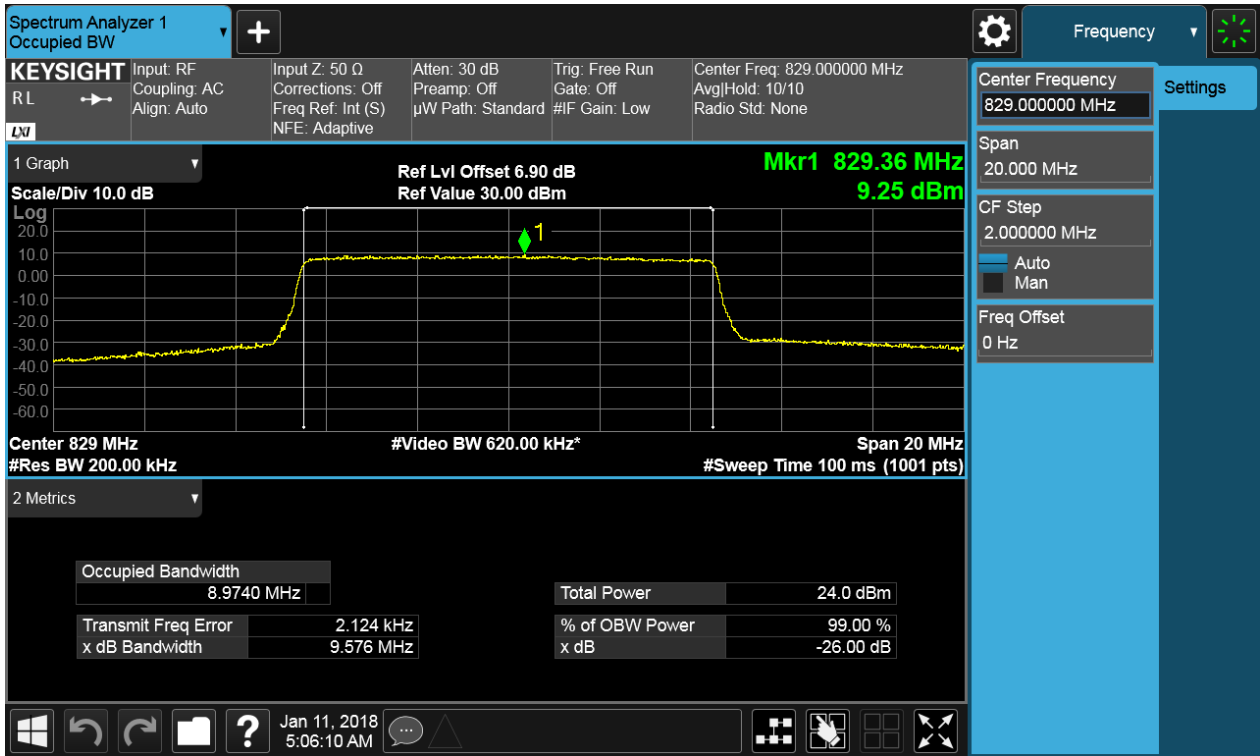




4.1.1.1.4 Test Bandwidth = 10

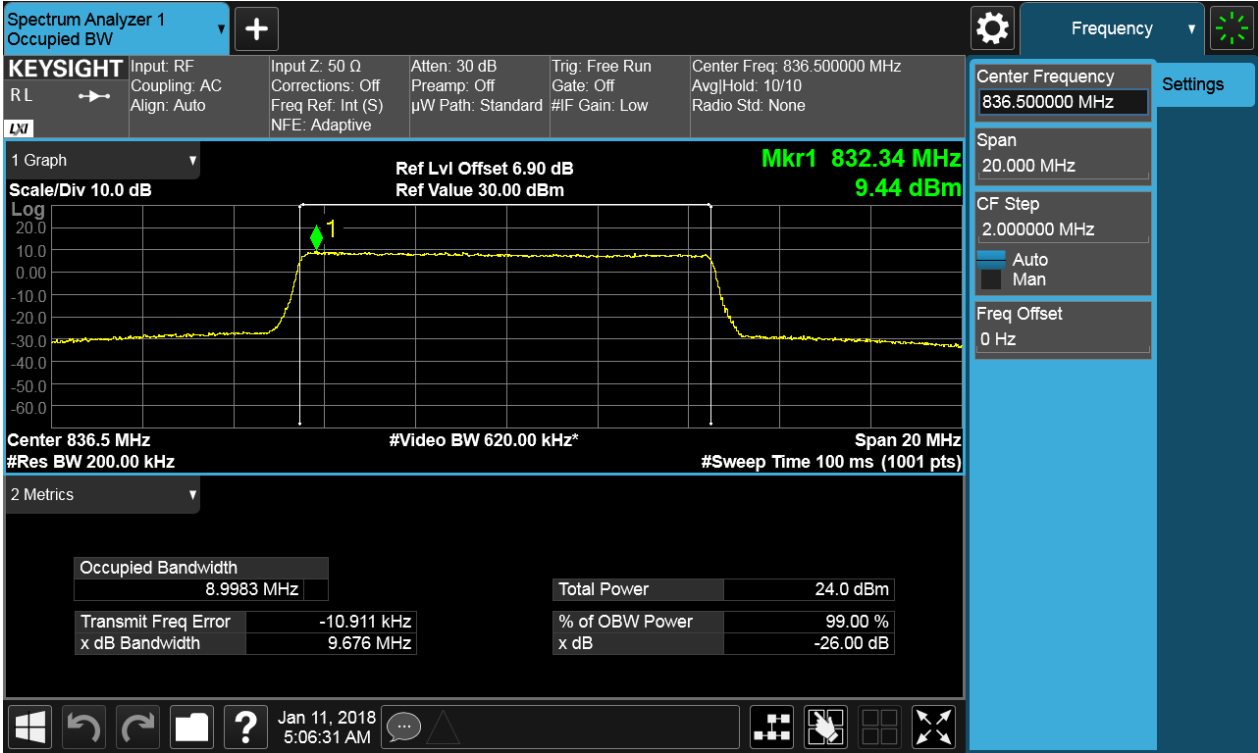
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

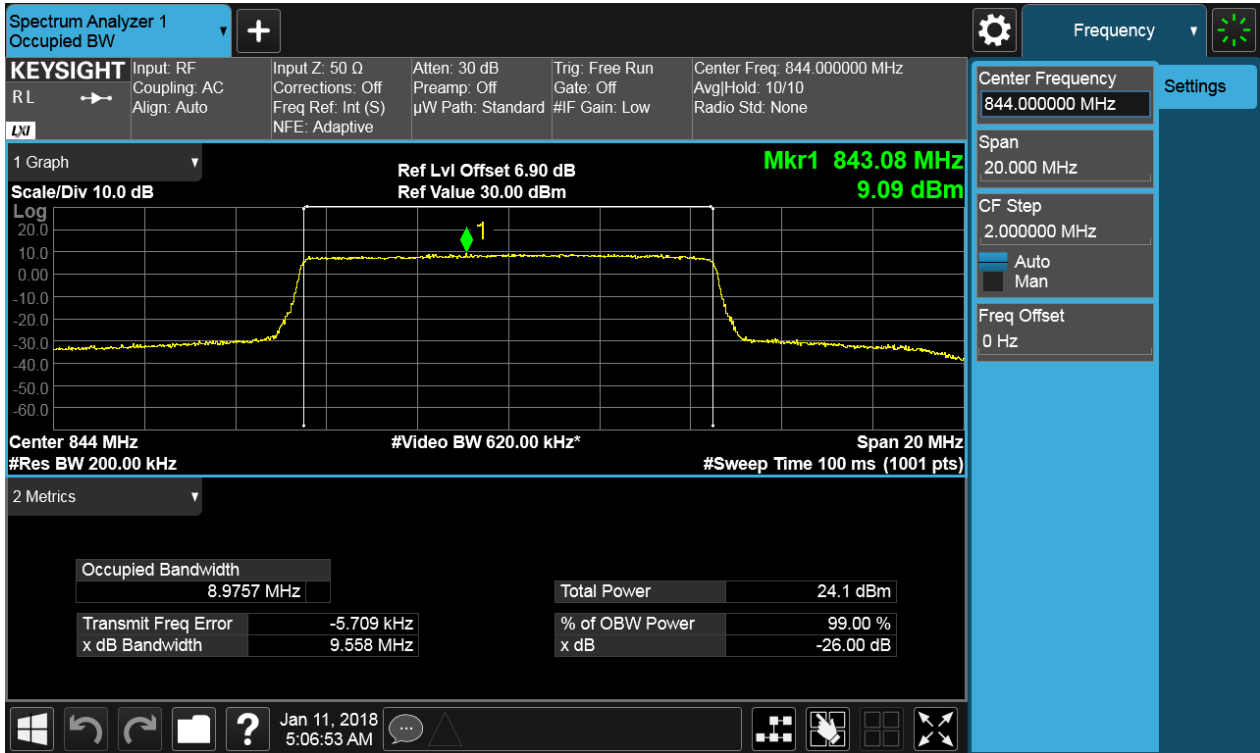
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



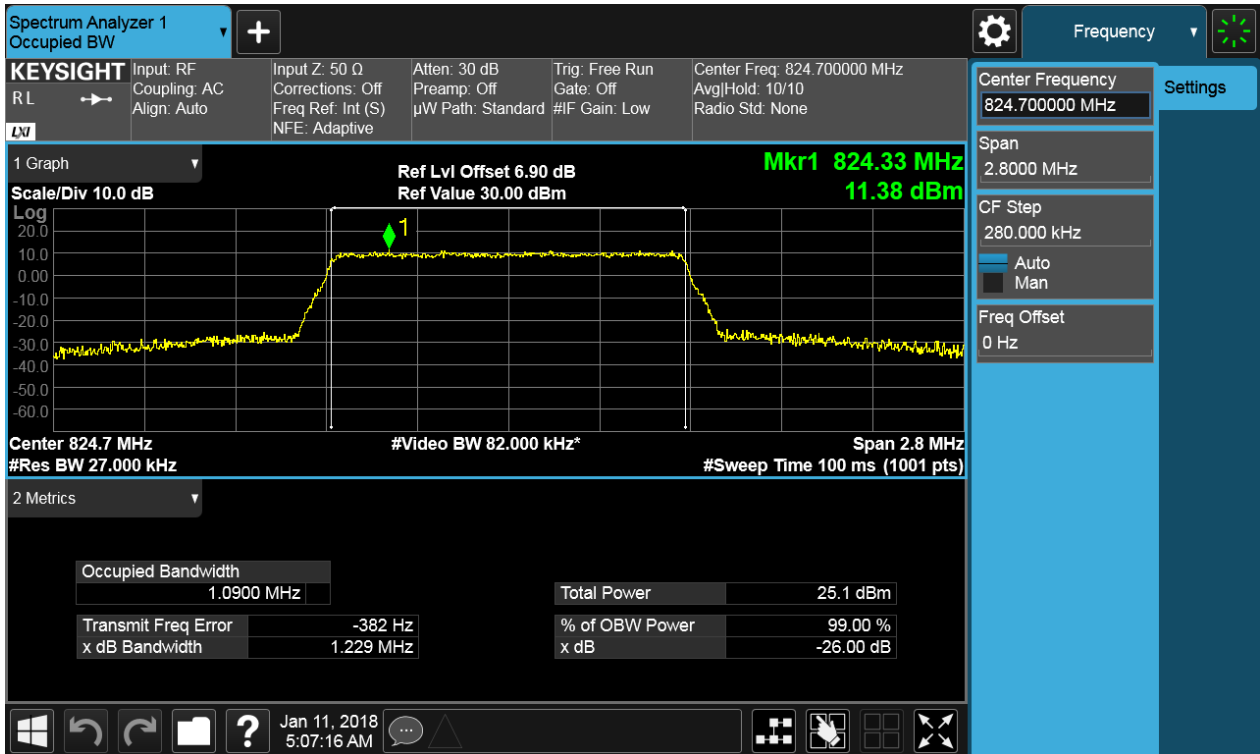


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

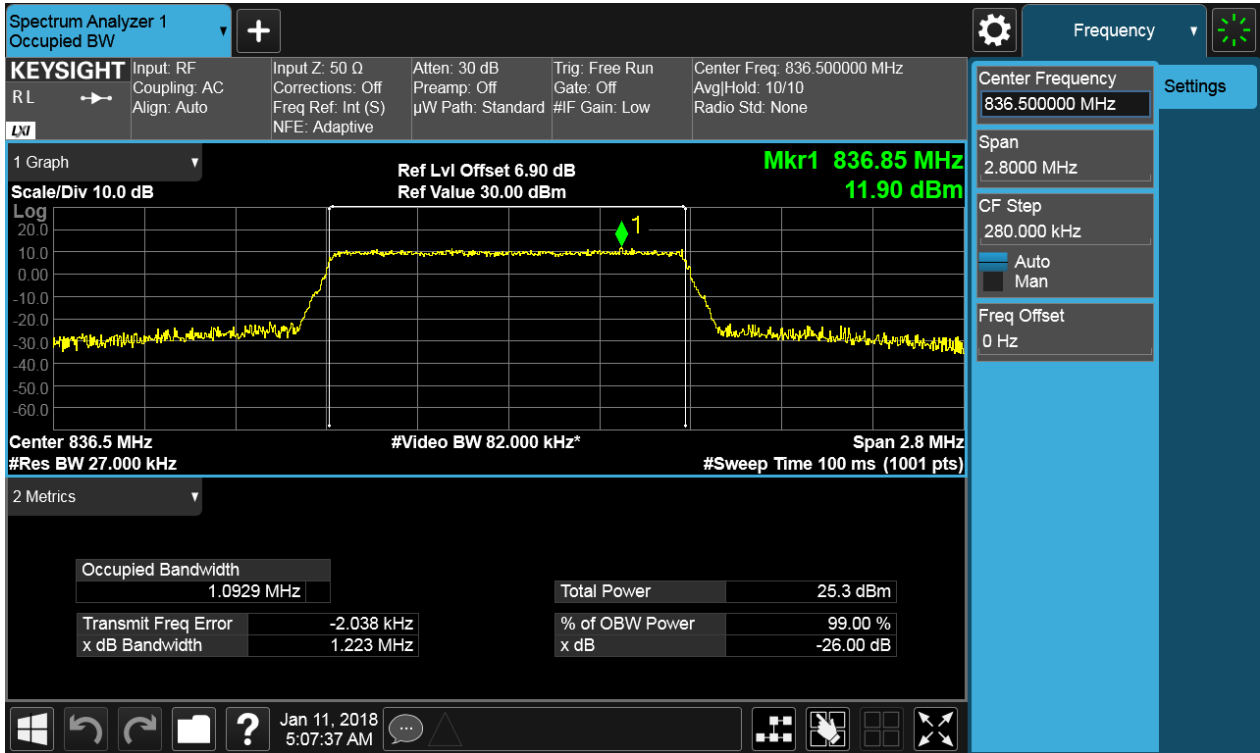
4.1.1.2.1.1.1 Test RB = RB6#0





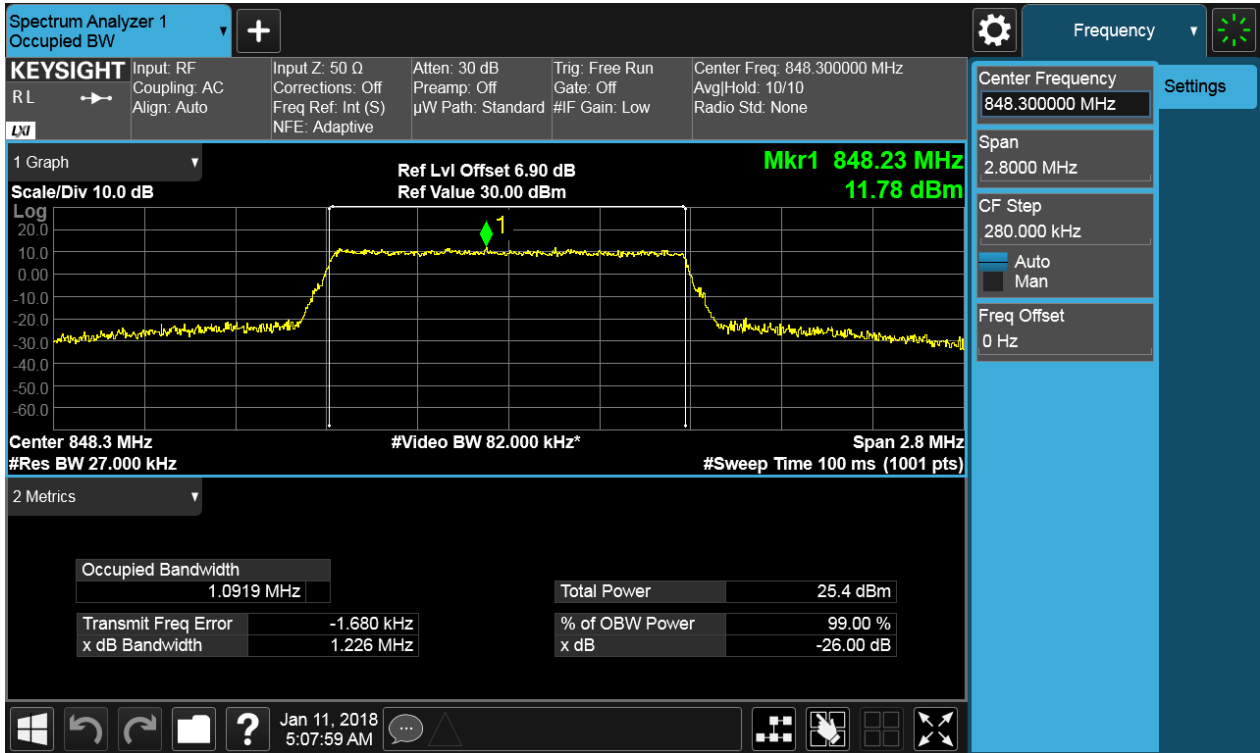
4.1.1.2.1.2 Test Channel = MCH

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

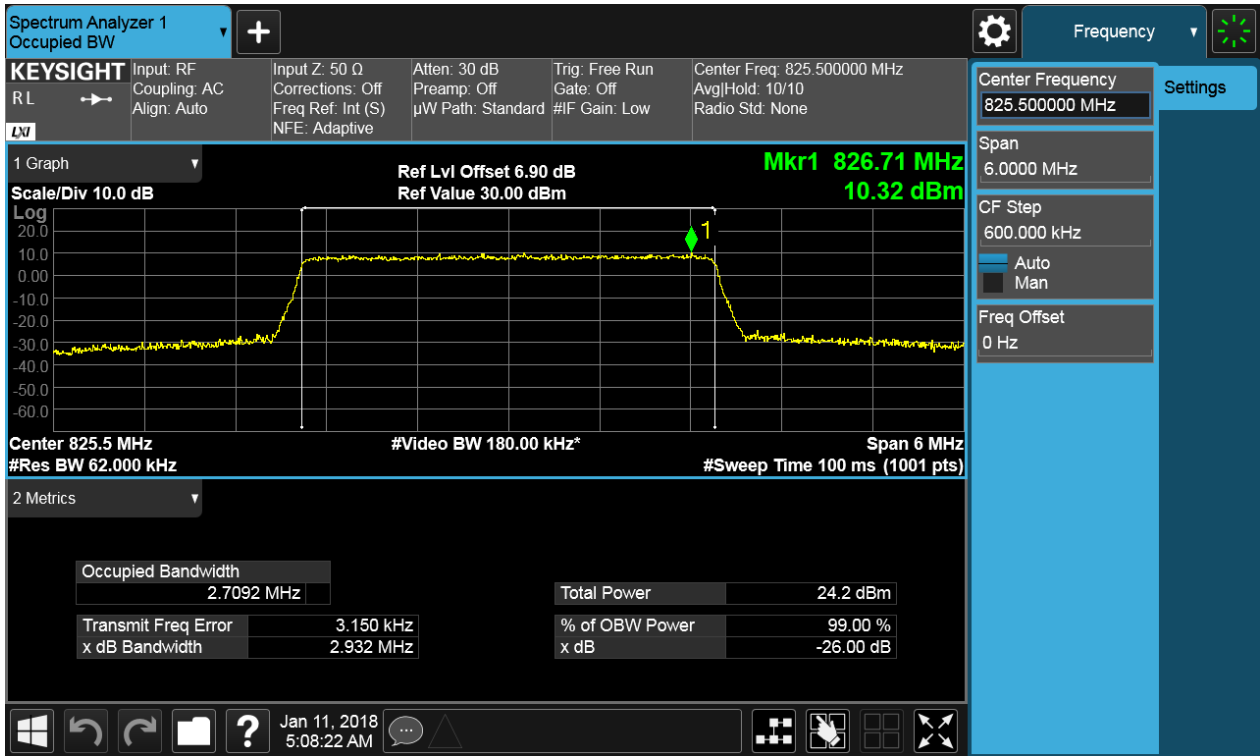




4.1.1.2.2 Test Bandwidth = 3

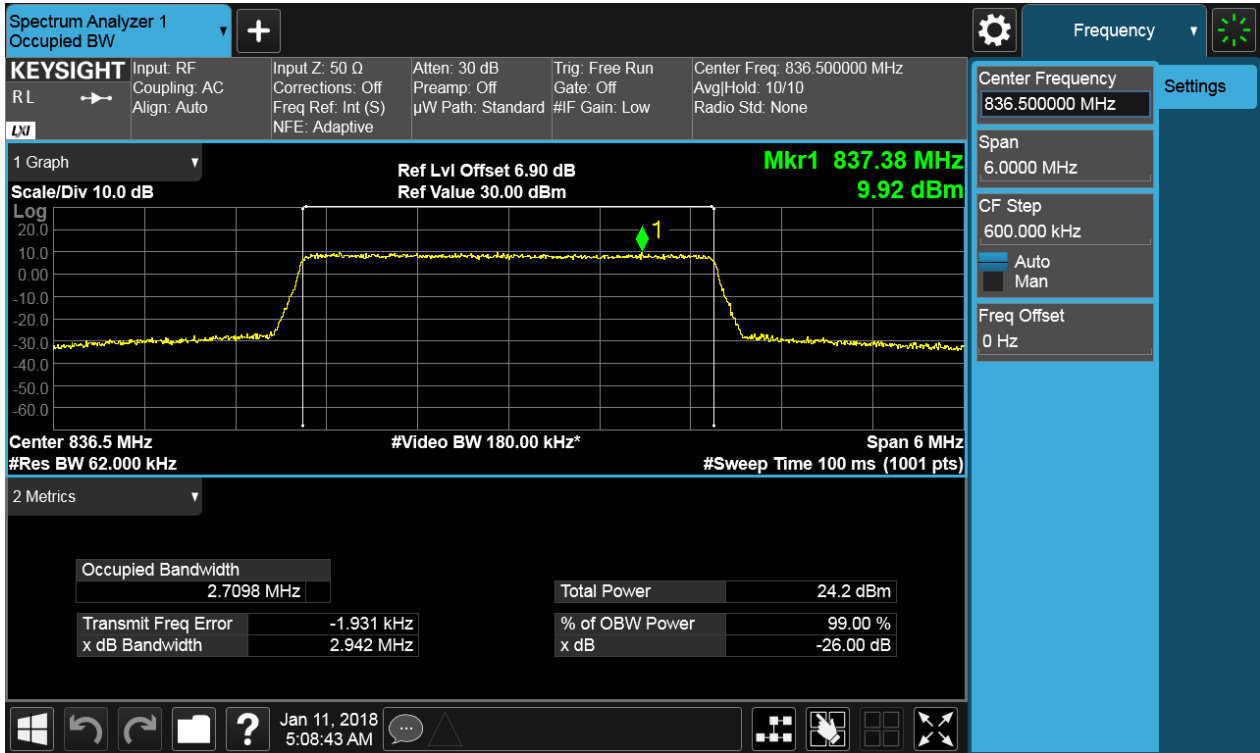
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



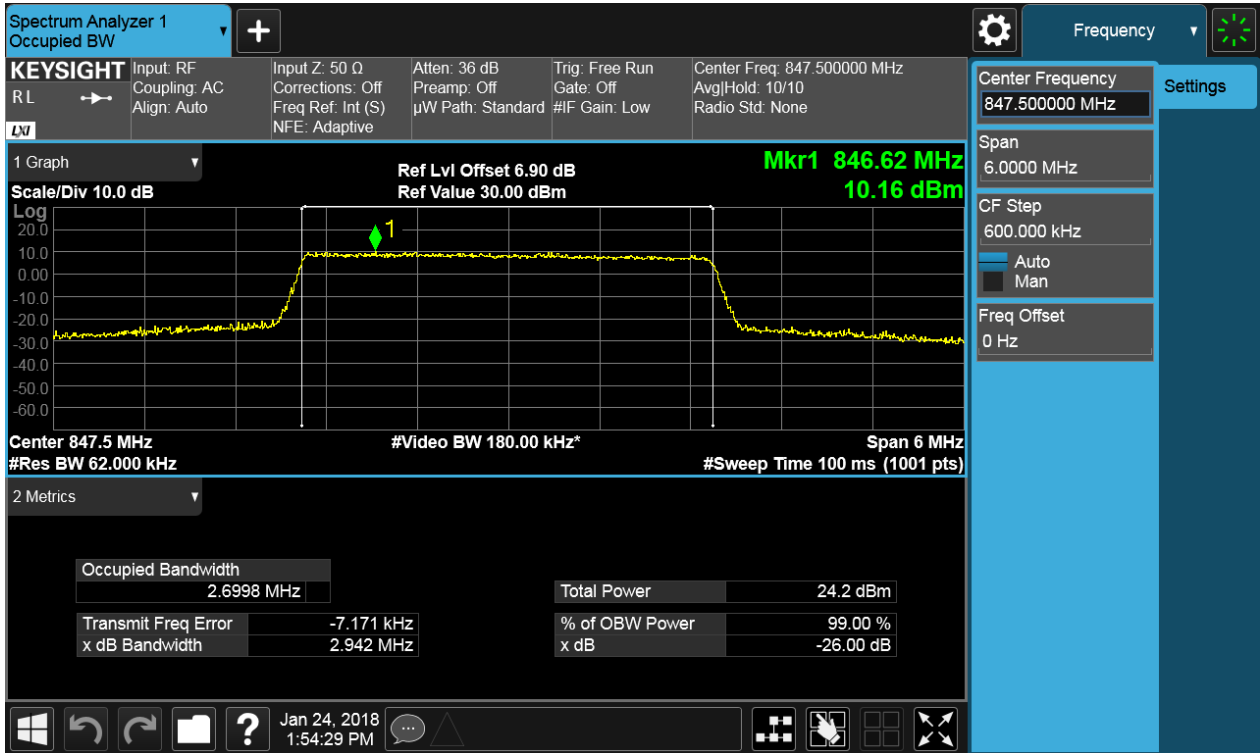
4.1.1.2.2.2 Test Channel = MCH

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

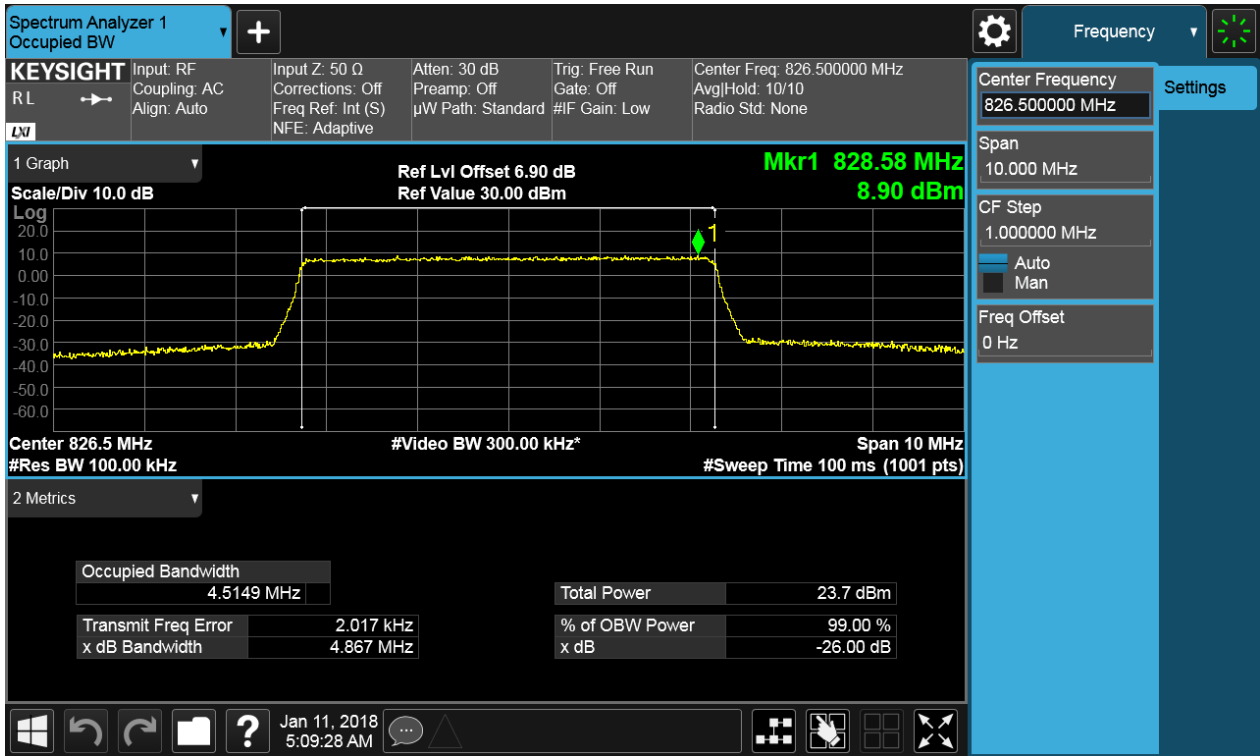




4.1.1.2.3 Test Bandwidth = 5

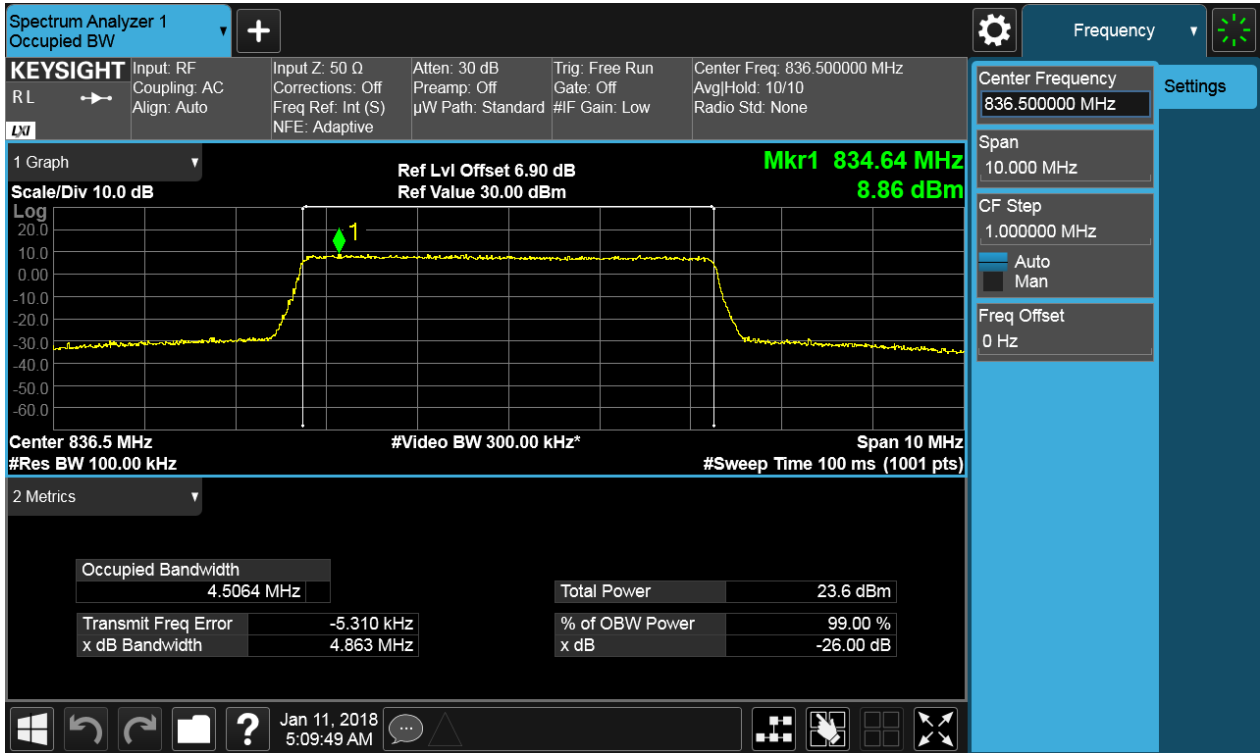
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



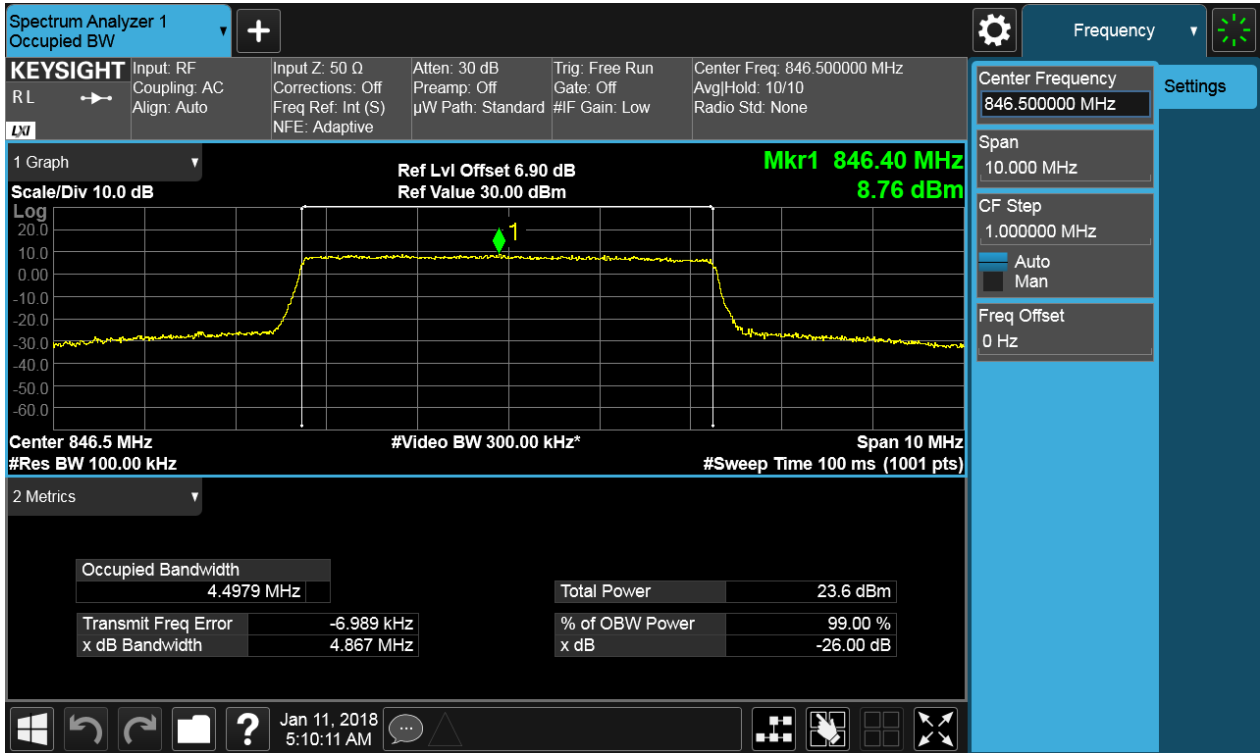
4.1.1.2.3.2 Test Channel = MCH

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

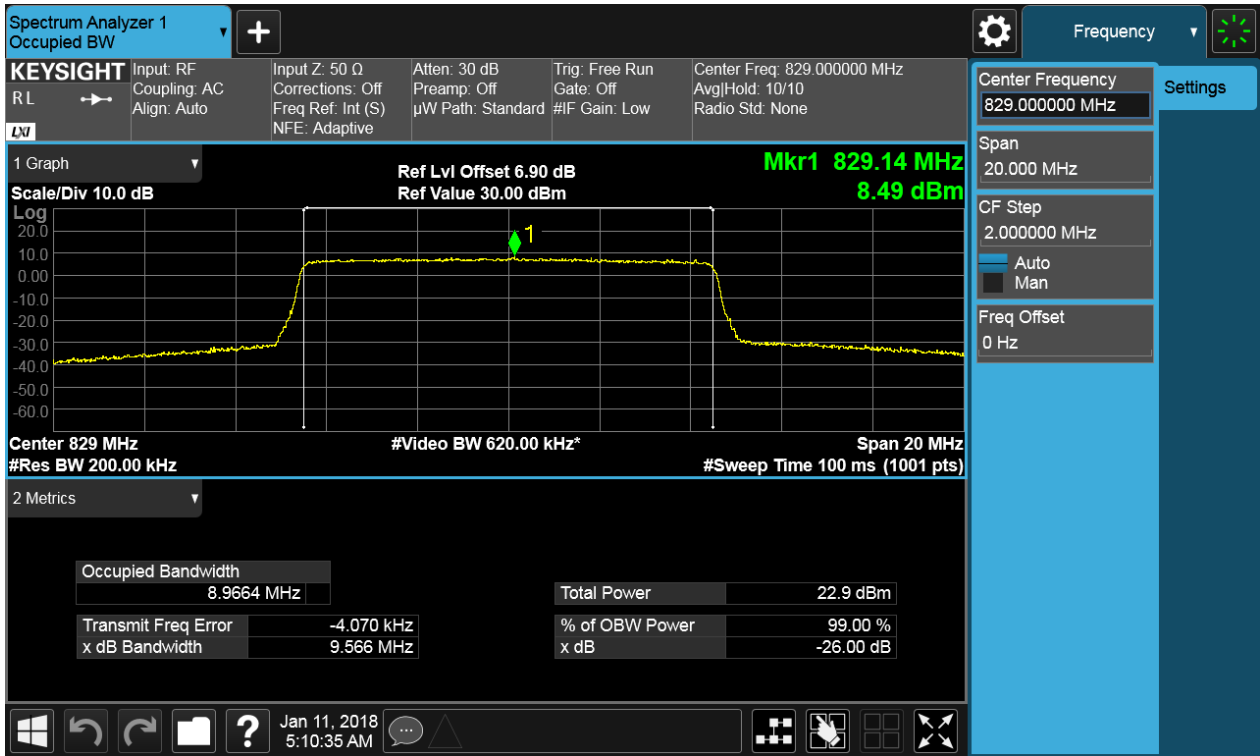




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

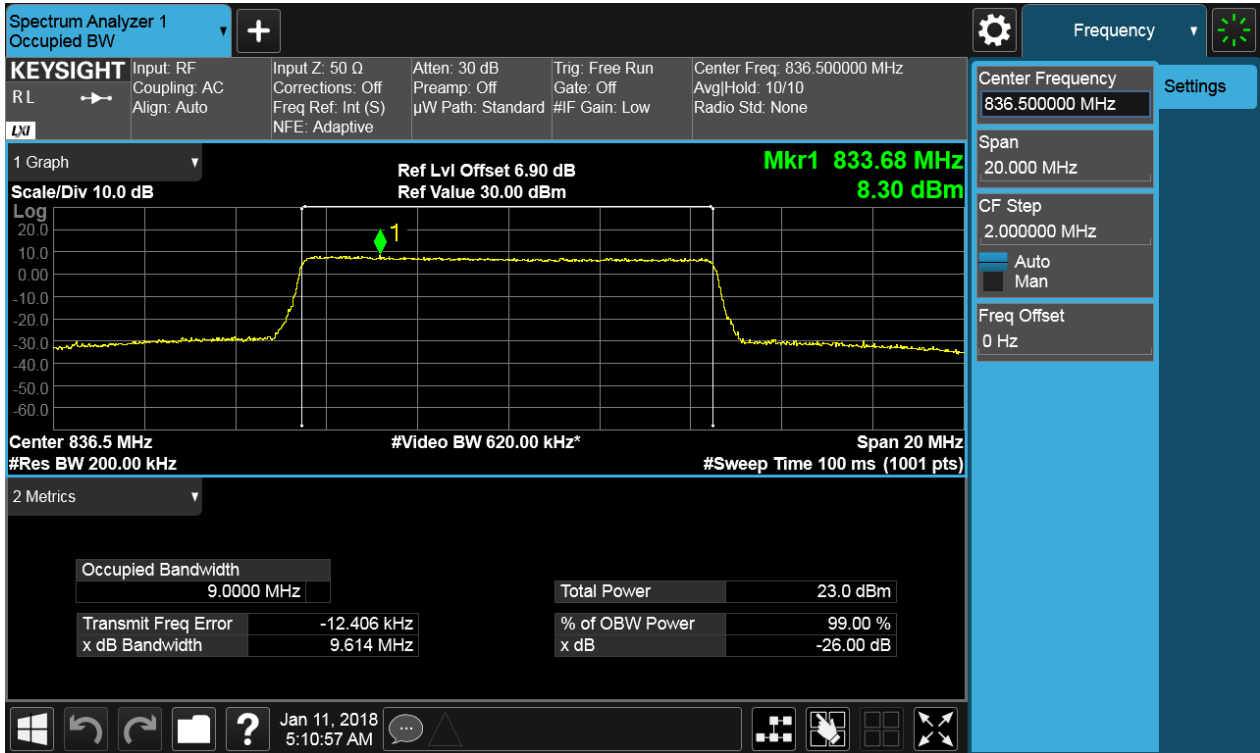
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

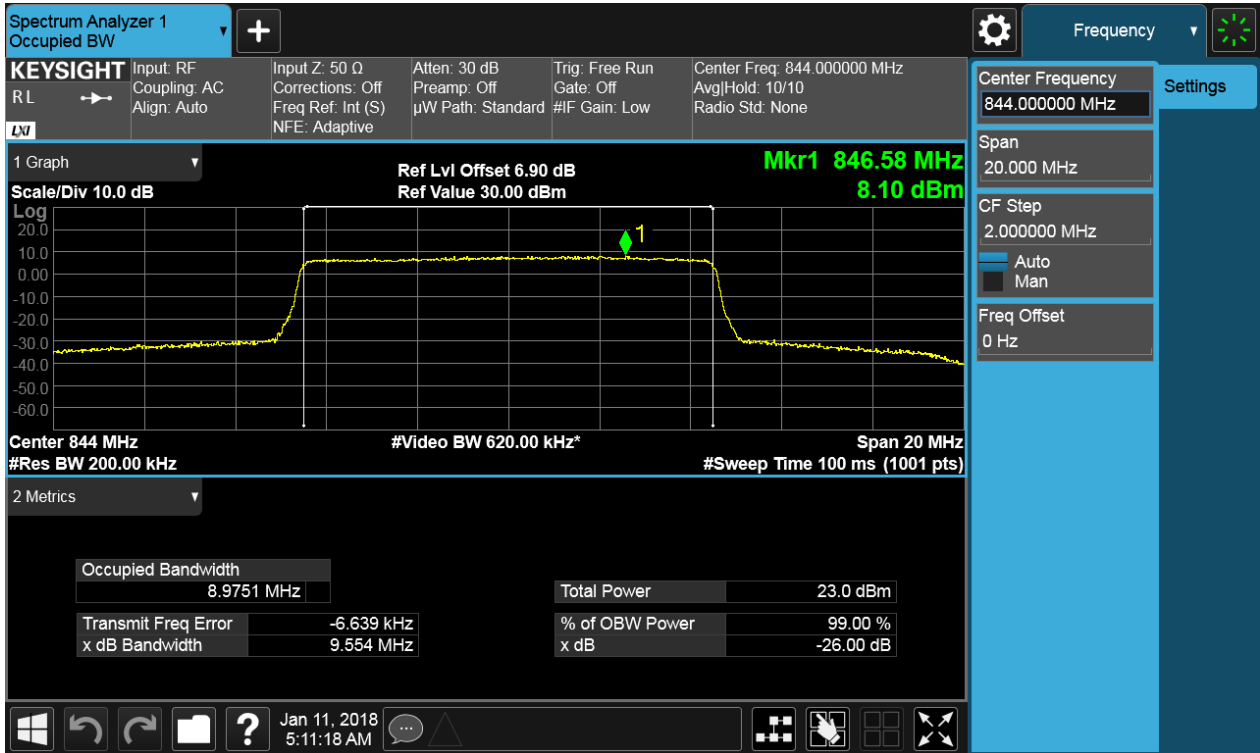
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

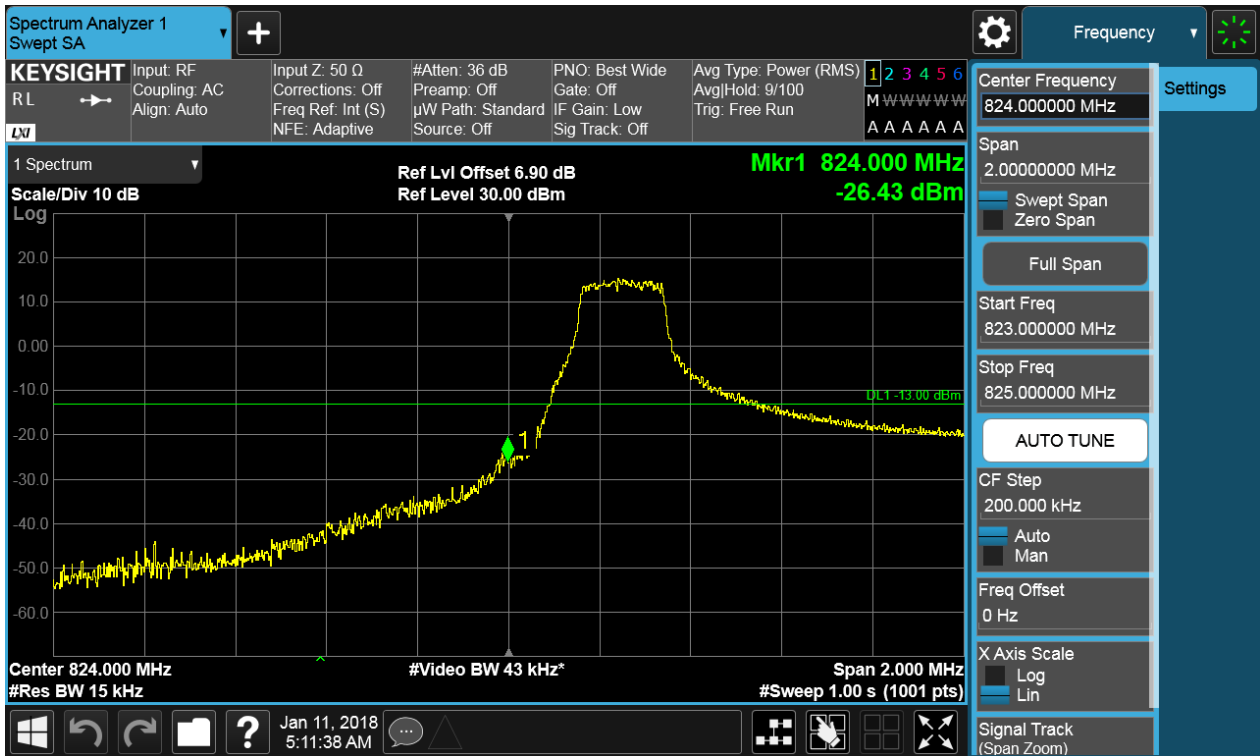
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

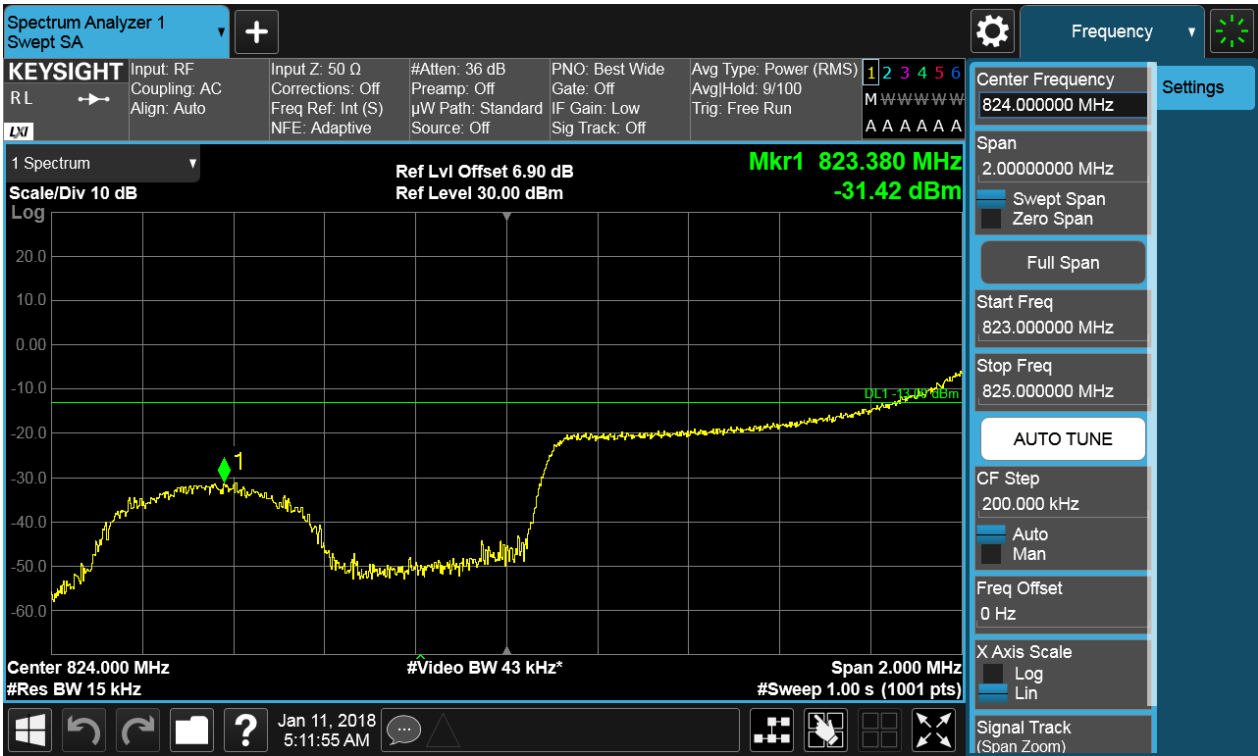
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



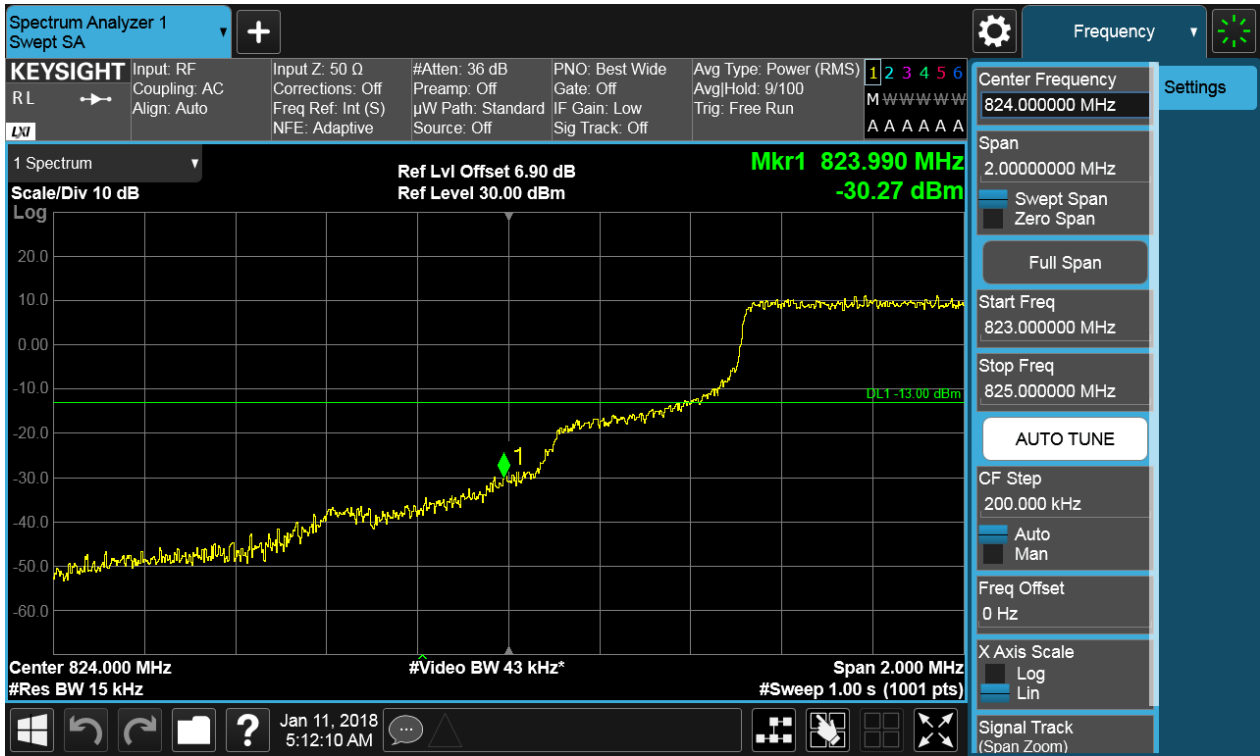


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





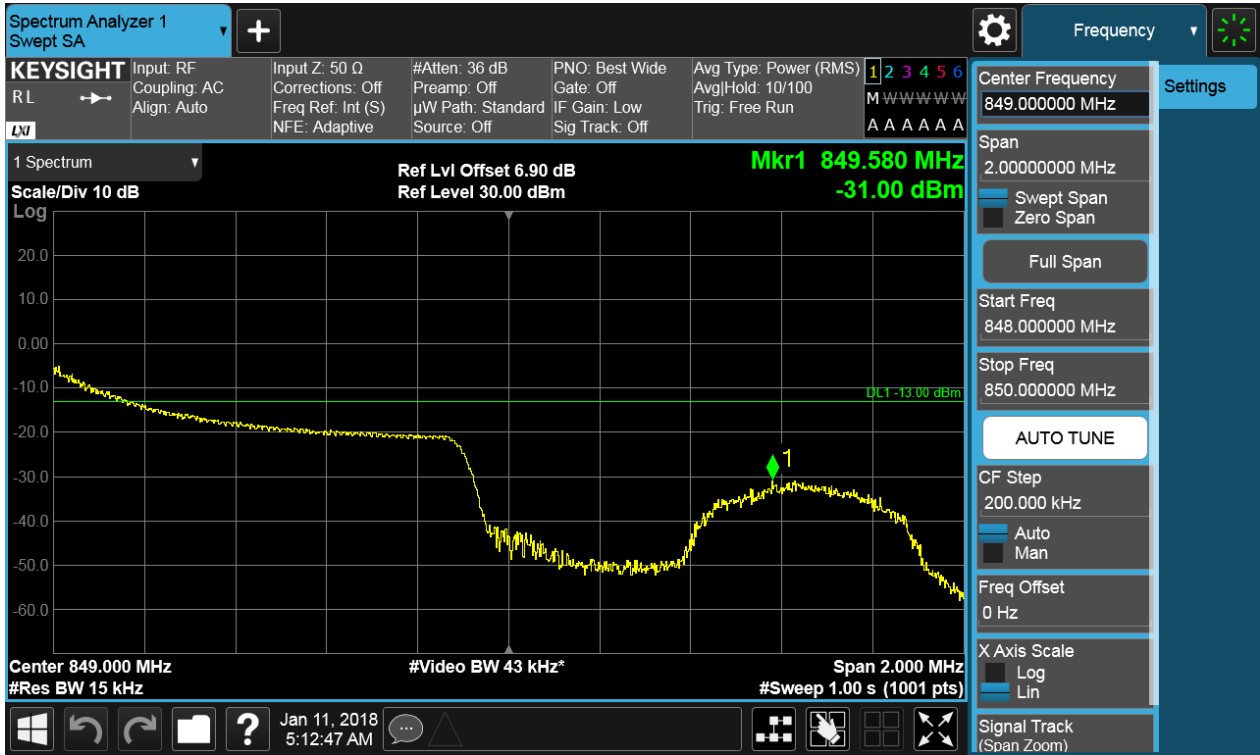
5.1.1.1.1.4 Test RB = RB6#0





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

