



# 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 [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|-----------|-------------|---------|
| BAND5          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 22.48         | 16.63     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 22.68         | 16.83     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 22.61         | 16.76     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 22.57         | 16.72     | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 22.69         | 16.84     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 22.65         | 16.8      | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.66         | 15.81     | 38.5        | PASS    |
|                |           |                | MCH          | RB1#0   | 22.88         | 17.03     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 22.98         | 17.13     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 22.86         | 17.01     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 22.85         | 17        | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 22.94         | 17.09     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 22.88         | 17.03     | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.91         | 16.06     | 38.5        | PASS    |
|                |           |                | HCH          | RB1#0   | 22.83         | 16.98     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 22.76         | 16.91     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 22.57         | 16.72     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 22.85         | 17        | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 22.76         | 16.91     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 22.67         | 16.82     | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.8          | 15.95     | 38.5        | PASS    |
|                |           | 3              | LCH          | RB1#0   | 22.31         | 16.46     | 38.5        | PASS    |
|                |           |                |              | RB1#7   | 22.82         | 16.97     | 38.5        | PASS    |
|                |           |                |              | RB1#14  | 22.5          | 16.65     | 38.5        | PASS    |
|                |           |                |              | RB8#0   | 21.7          | 15.85     | 38.5        | PASS    |
|                |           |                |              | RB8#4   | 21.79         | 15.94     | 38.5        | PASS    |
|                |           |                |              | RB8#7   | 21.77         | 15.92     | 38.5        | PASS    |
|                |           |                |              | RB15#0  | 21.68         | 15.83     | 38.5        | PASS    |
|                |           |                | MCH          | RB1#0   | 22.63         | 16.78     | 38.5        | PASS    |
|                |           |                |              | RB1#7   | 23.04         | 17.19     | 38.5        | PASS    |

|  |  |    |     |         |       |       |      |      |
|--|--|----|-----|---------|-------|-------|------|------|
|  |  |    |     | RB1#14  | 22.6  | 16.75 | 38.5 | PASS |
|  |  |    |     | RB8#0   | 21.85 | 16    | 38.5 | PASS |
|  |  |    |     | RB8#4   | 21.9  | 16.05 | 38.5 | PASS |
|  |  |    |     | RB8#7   | 21.78 | 15.93 | 38.5 | PASS |
|  |  |    |     | RB15#0  | 21.83 | 15.98 | 38.5 | PASS |
|  |  |    | HCH | RB1#0   | 22.77 | 16.92 | 38.5 | PASS |
|  |  |    |     | RB1#7   | 23    | 17.15 | 38.5 | PASS |
|  |  |    |     | RB1#14  | 22.42 | 16.57 | 38.5 | PASS |
|  |  |    |     | RB8#0   | 21.93 | 16.08 | 38.5 | PASS |
|  |  |    |     | RB8#4   | 21.89 | 16.04 | 38.5 | PASS |
|  |  |    |     | RB8#7   | 21.76 | 15.91 | 38.5 | PASS |
|  |  |    |     | RB15#0  | 21.79 | 15.94 | 38.5 | PASS |
|  |  | 5  | LCH | RB1#0   | 22.31 | 16.46 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 22.89 | 17.04 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 22.39 | 16.54 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.7  | 15.85 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.86 | 16.01 | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.66 | 15.81 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.67 | 15.82 | 38.5 | PASS |
|  |  |    | MCH | RB1#0   | 22.52 | 16.67 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 22.9  | 17.05 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 22.43 | 16.58 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.74 | 15.89 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.9  | 16.05 | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.67 | 15.82 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.68 | 15.83 | 38.5 | PASS |
|  |  |    | HCH | RB1#0   | 22.67 | 16.82 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 22.9  | 17.05 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 22.24 | 16.39 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.96 | 16.11 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.95 | 16.1  | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.67 | 15.82 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.8  | 15.95 | 38.5 | PASS |
|  |  | 10 | LCH | RB1#0   | 22.1  | 16.25 | 38.5 | PASS |
|  |  |    |     | RB1#25  | 22.91 | 17.06 | 38.5 | PASS |
|  |  |    |     | RB1#49  | 22.05 | 16.2  | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.56 | 15.71 | 38.5 | PASS |
|  |  |    |     | RB25#13 | 21.72 | 15.87 | 38.5 | PASS |
|  |  |    |     | RB25#25 | 21.45 | 15.6  | 38.5 | PASS |
|  |  |    |     | RB50#0  | 21.48 | 15.63 | 38.5 | PASS |
|  |  |    | MCH | RB1#0   | 22.23 | 16.38 | 38.5 | PASS |

|  |         |     |     |         |       |       |      |      |
|--|---------|-----|-----|---------|-------|-------|------|------|
|  |         |     |     | RB1#25  | 22.9  | 17.05 | 38.5 | PASS |
|  |         |     |     | RB1#49  | 22.33 | 16.48 | 38.5 | PASS |
|  |         |     |     | RB25#0  | 21.52 | 15.67 | 38.5 | PASS |
|  |         |     |     | RB25#13 | 21.68 | 15.83 | 38.5 | PASS |
|  |         |     |     | RB25#25 | 21.52 | 15.67 | 38.5 | PASS |
|  |         |     |     | RB50#0  | 21.47 | 15.62 | 38.5 | PASS |
|  |         |     | HCH | RB1#0   | 22.46 | 16.61 | 38.5 | PASS |
|  |         |     |     | RB1#25  | 23    | 17.15 | 38.5 | PASS |
|  |         |     |     | RB1#49  | 22.01 | 16.16 | 38.5 | PASS |
|  |         |     |     | RB25#0  | 21.74 | 15.89 | 38.5 | PASS |
|  |         |     |     | RB25#13 | 21.89 | 16.04 | 38.5 | PASS |
|  |         |     |     | RB25#25 | 21.59 | 15.74 | 38.5 | PASS |
|  |         |     |     | RB50#0  | 21.76 | 15.91 | 38.5 | PASS |
|  | LTE/TM2 | 1.4 | LCH | RB1#0   | 21.51 | 15.66 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 22    | 16.15 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.9  | 16.05 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 21.71 | 15.86 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 21.75 | 15.9  | 38.5 | PASS |
|  |         |     |     | RB3#3   | 21.76 | 15.91 | 38.5 | PASS |
|  |         |     |     | RB6#0   | 21.33 | 15.48 | 38.5 | PASS |
|  |         |     | MCH | RB1#0   | 21.93 | 16.08 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 22.02 | 16.17 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.89 | 16.04 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 22.03 | 16.18 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 22.06 | 16.21 | 38.5 | PASS |
|  |         |     |     | RB3#3   | 22.02 | 16.17 | 38.5 | PASS |
|  |         |     |     | RB6#0   | 21.45 | 15.6  | 38.5 | PASS |
|  |         |     | HCH | RB1#0   | 22.1  | 16.25 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 21.84 | 15.99 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.78 | 15.93 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 21.94 | 16.09 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 21.83 | 15.98 | 38.5 | PASS |
|  |         |     |     | RB3#3   | 21.73 | 15.88 | 38.5 | PASS |
|  |         |     |     | RB6#0   | 21.3  | 15.45 | 38.5 | PASS |
|  |         | 3   | LCH | RB1#0   | 21.38 | 15.53 | 38.5 | PASS |
|  |         |     |     | RB1#7   | 21.86 | 16.01 | 38.5 | PASS |
|  |         |     |     | RB1#14  | 21.92 | 16.07 | 38.5 | PASS |
|  |         |     |     | RB8#0   | 21.27 | 15.42 | 38.5 | PASS |
|  |         |     |     | RB8#4   | 21.36 | 15.51 | 38.5 | PASS |
|  |         |     |     | RB8#7   | 21.35 | 15.5  | 38.5 | PASS |
|  |         |     |     | RB15#0  | 21.22 | 15.37 | 38.5 | PASS |

|  |  |    |     |         |       |       |      |      |
|--|--|----|-----|---------|-------|-------|------|------|
|  |  |    | MCH | RB1#0   | 21.76 | 15.91 | 38.5 | PASS |
|  |  |    |     | RB1#7   | 22.1  | 16.25 | 38.5 | PASS |
|  |  |    |     | RB1#14  | 21.7  | 15.85 | 38.5 | PASS |
|  |  |    |     | RB8#0   | 21.35 | 15.5  | 38.5 | PASS |
|  |  |    |     | RB8#4   | 21.4  | 15.55 | 38.5 | PASS |
|  |  |    |     | RB8#7   | 21.29 | 15.44 | 38.5 | PASS |
|  |  |    |     | RB15#0  | 21.36 | 15.51 | 38.5 | PASS |
|  |  |    | HCH | RB1#0   | 22.14 | 16.29 | 38.5 | PASS |
|  |  |    |     | RB1#7   | 22.41 | 16.56 | 38.5 | PASS |
|  |  |    |     | RB1#14  | 21.74 | 15.89 | 38.5 | PASS |
|  |  |    |     | RB8#0   | 21.36 | 15.51 | 38.5 | PASS |
|  |  |    |     | RB8#4   | 21.37 | 15.52 | 38.5 | PASS |
|  |  |    |     | RB8#7   | 21.25 | 15.4  | 38.5 | PASS |
|  |  |    |     | RB15#0  | 21.26 | 15.41 | 38.5 | PASS |
|  |  | 5  | LCH | RB1#0   | 21.47 | 15.62 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 21.96 | 16.11 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 21.53 | 15.68 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.24 | 15.39 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.41 | 15.56 | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.25 | 15.4  | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.23 | 15.38 | 38.5 | PASS |
|  |  |    | MCH | RB1#0   | 21.83 | 15.98 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 22.21 | 16.36 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 21.69 | 15.84 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.26 | 15.41 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.37 | 15.52 | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.13 | 15.28 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.17 | 15.32 | 38.5 | PASS |
|  |  |    | HCH | RB1#0   | 22.14 | 16.29 | 38.5 | PASS |
|  |  |    |     | RB1#13  | 22.47 | 16.62 | 38.5 | PASS |
|  |  |    |     | RB1#24  | 21.69 | 15.84 | 38.5 | PASS |
|  |  |    |     | RB12#0  | 21.37 | 15.52 | 38.5 | PASS |
|  |  |    |     | RB12#6  | 21.42 | 15.57 | 38.5 | PASS |
|  |  |    |     | RB12#13 | 21.13 | 15.28 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.29 | 15.44 | 38.5 | PASS |
|  |  | 10 | LCH | RB1#0   | 21.53 | 15.68 | 38.5 | PASS |
|  |  |    |     | RB1#25  | 22.12 | 16.27 | 38.5 | PASS |
|  |  |    |     | RB1#49  | 21.41 | 15.56 | 38.5 | PASS |
|  |  |    |     | RB25#0  | 21.13 | 15.28 | 38.5 | PASS |
|  |  |    |     | RB25#13 | 21.28 | 15.43 | 38.5 | PASS |
|  |  |    |     | RB25#25 | 21.04 | 15.19 | 38.5 | PASS |

|  |  |  |     |         |       |       |      |      |
|--|--|--|-----|---------|-------|-------|------|------|
|  |  |  |     | RB50#0  | 21.04 | 15.19 | 38.5 | PASS |
|  |  |  | MCH | RB1#0   | 21.53 | 15.68 | 38.5 | PASS |
|  |  |  |     | RB1#25  | 22.12 | 16.27 | 38.5 | PASS |
|  |  |  |     | RB1#49  | 21.56 | 15.71 | 38.5 | PASS |
|  |  |  |     | RB25#0  | 21.12 | 15.27 | 38.5 | PASS |
|  |  |  |     | RB25#13 | 21.22 | 15.37 | 38.5 | PASS |
|  |  |  |     | RB25#25 | 21.11 | 15.26 | 38.5 | PASS |
|  |  |  |     | RB50#0  | 21.06 | 15.21 | 38.5 | PASS |
|  |  |  | HCH | RB1#0   | 21.74 | 15.89 | 38.5 | PASS |
|  |  |  |     | RB1#25  | 22.32 | 16.47 | 38.5 | PASS |
|  |  |  |     | RB1#49  | 21.4  | 15.55 | 38.5 | PASS |
|  |  |  |     | RB25#0  | 21.34 | 15.49 | 38.5 | PASS |
|  |  |  |     | RB25#13 | 21.37 | 15.52 | 38.5 | PASS |
|  |  |  |     | RB25#25 | 21.06 | 15.21 | 38.5 | PASS |
|  |  |  |     | RB50#0  | 21.19 | 15.34 | 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:

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

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

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

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

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 |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND5              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.97         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.22         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.47         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.03         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.3          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.3          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.21         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.23         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#14  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.4          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.3          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.21         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.1          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.12         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.25         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.45         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.73         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.37         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.41         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.55         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.69         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.82         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.65         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | MCH          | RB1#0   | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.35         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.7          | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.57         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.29         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.6          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.27         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 6.16         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.46         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.73         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.52         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.94         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.48         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.35         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.4          | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.83         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.3          | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.88         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 6.65         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.45         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.39         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.81         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.68         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB8#7   | 6.74         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.84         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.52         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 7            | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.79         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 7.15         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.66         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.76         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.83         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 6.39         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.9          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.91         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.1          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.99         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 7.2          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 7.11         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.87         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.3          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.31         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.6          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.64         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.78         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.98         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.81         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB25#0  | 7.23         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.34         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.57         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.55         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.71         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.16         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.54         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.22         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.99         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.47         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.57         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.67         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.01         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.03         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

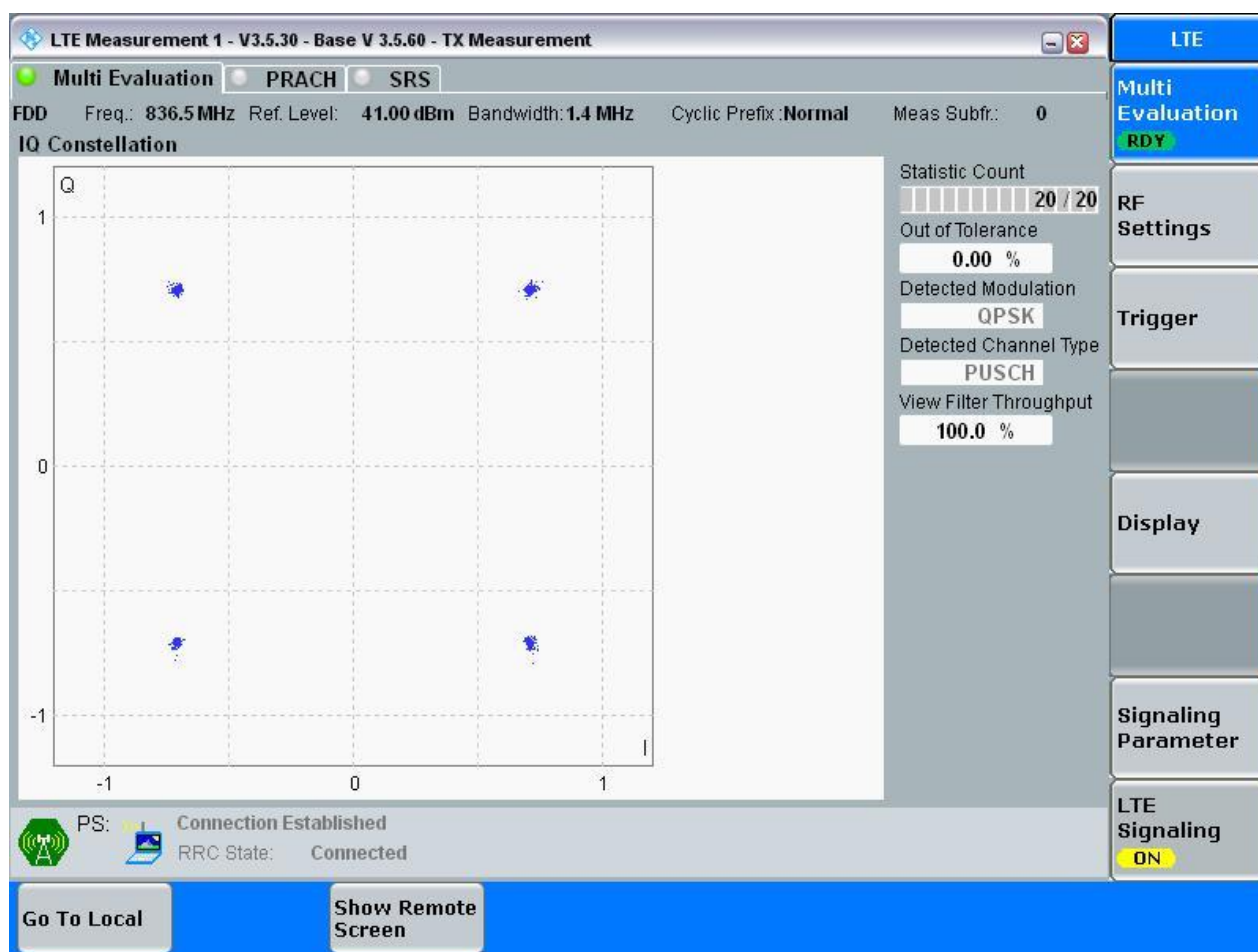
##### 3.1.1 Test Band = BAND5

##### 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

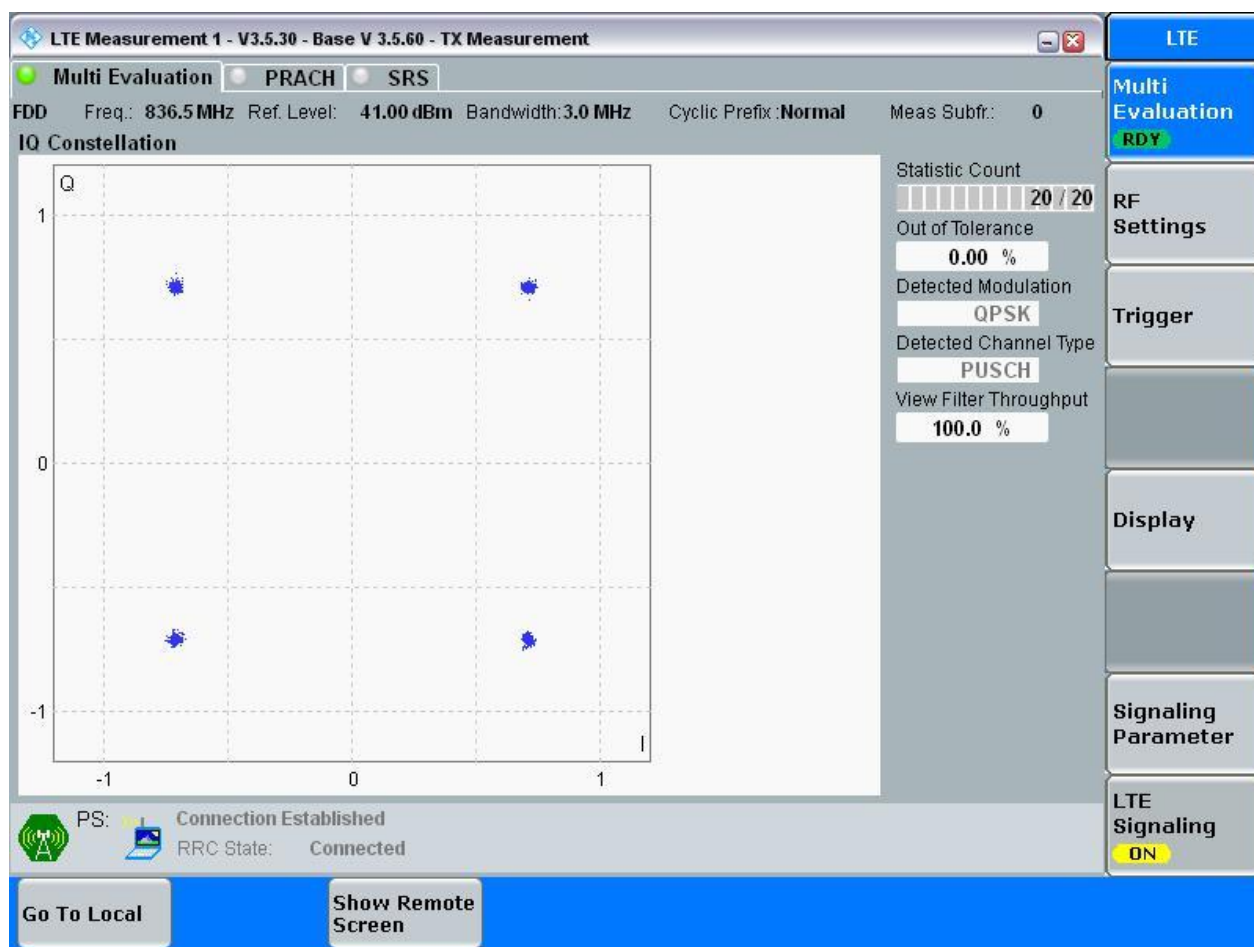
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

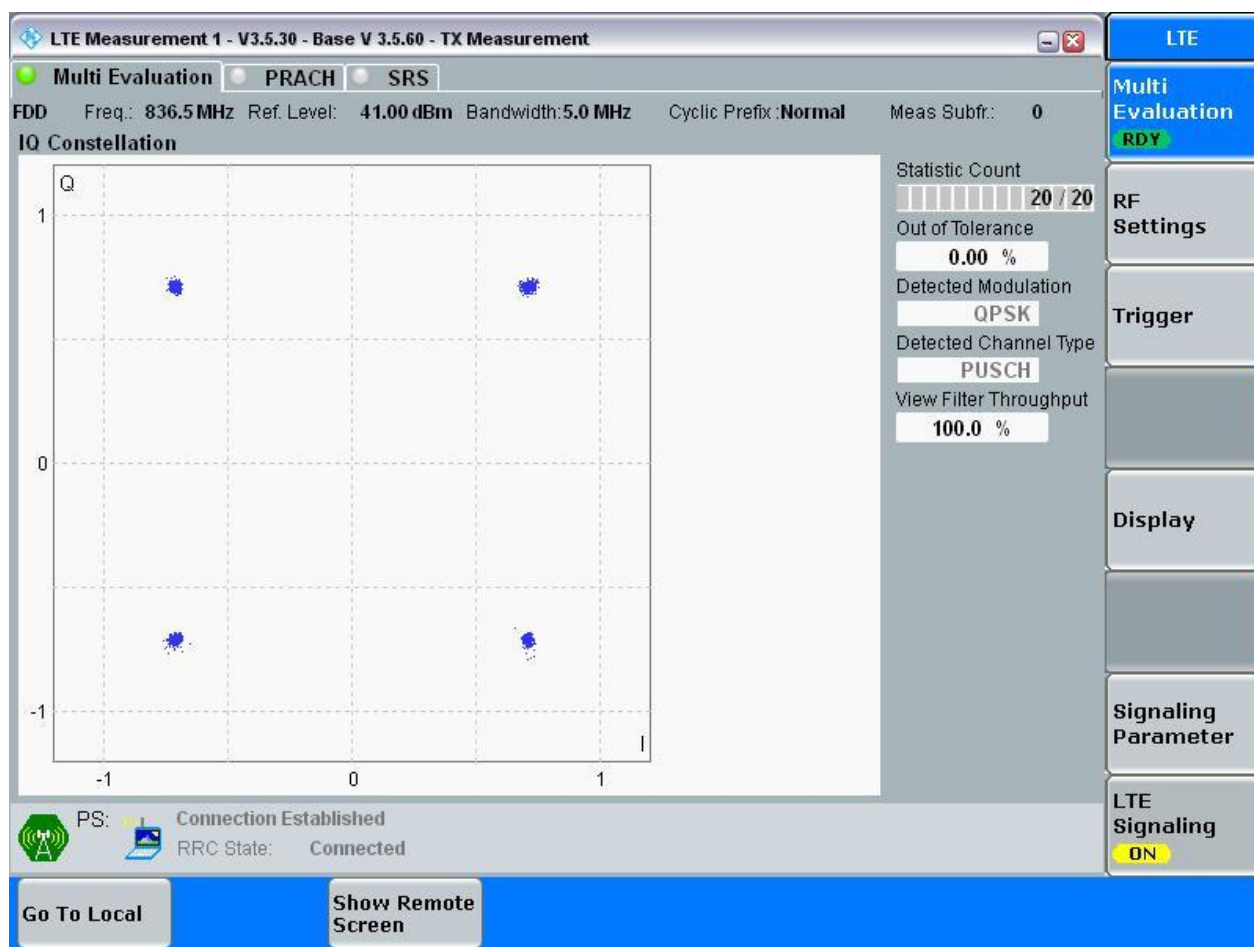
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

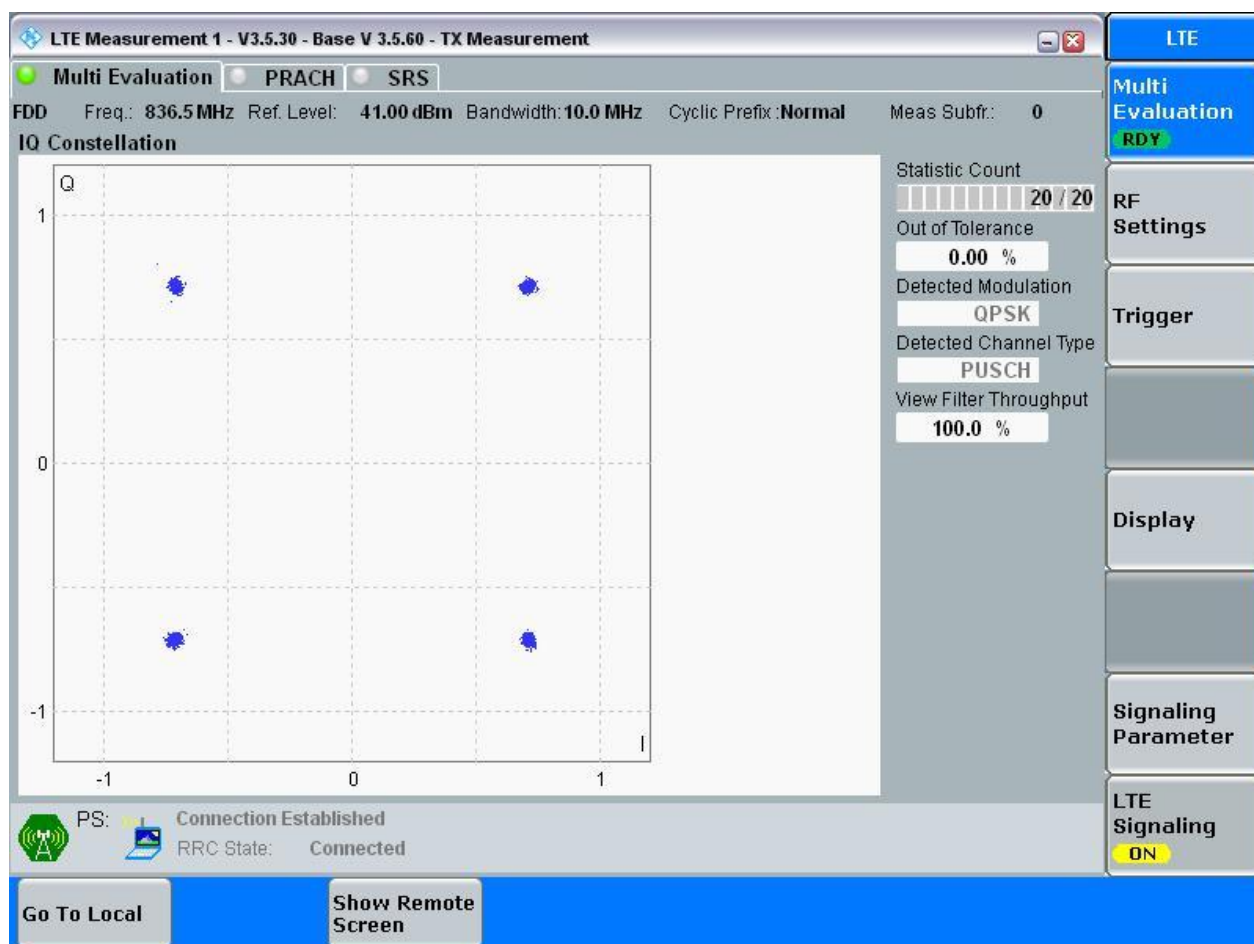
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

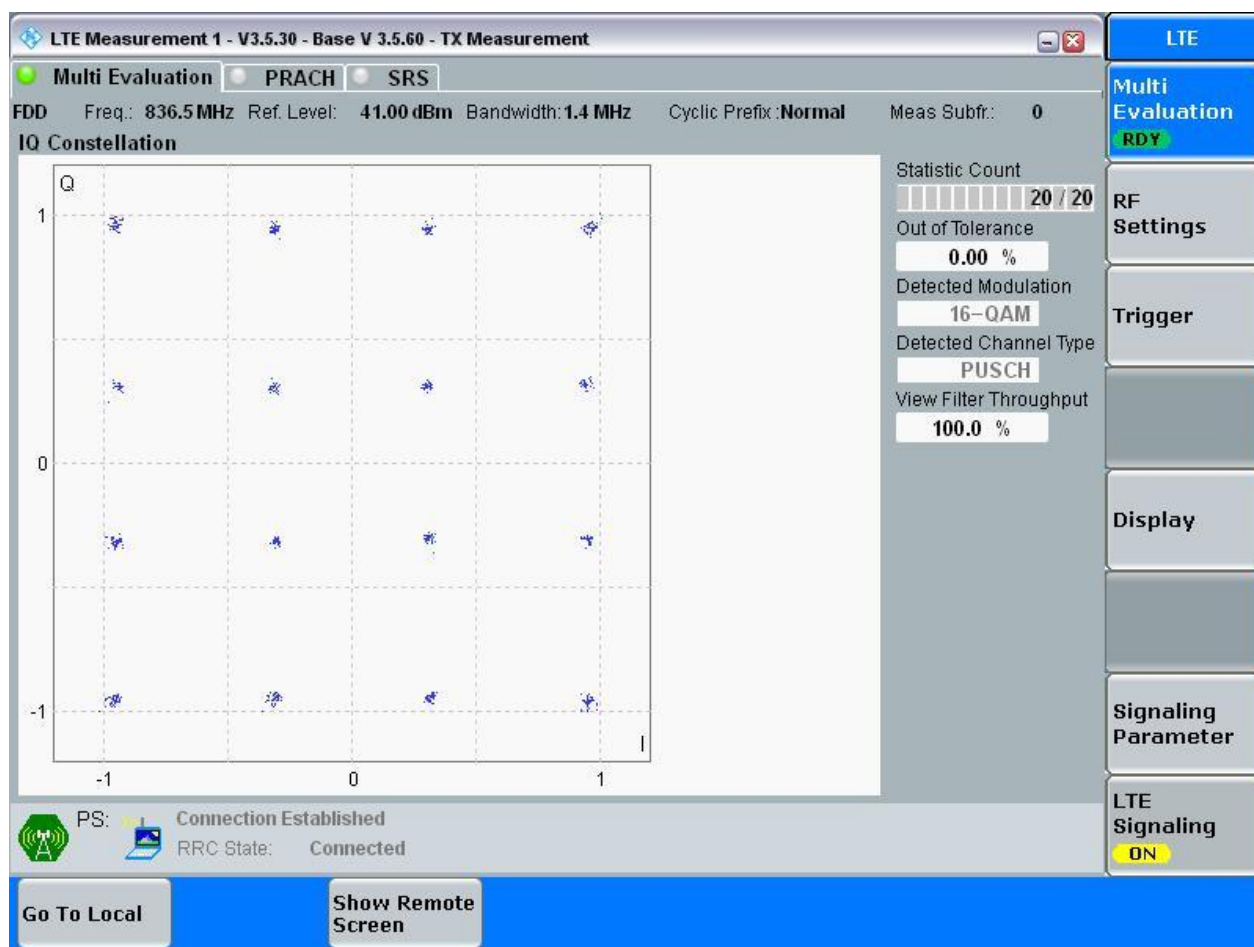


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

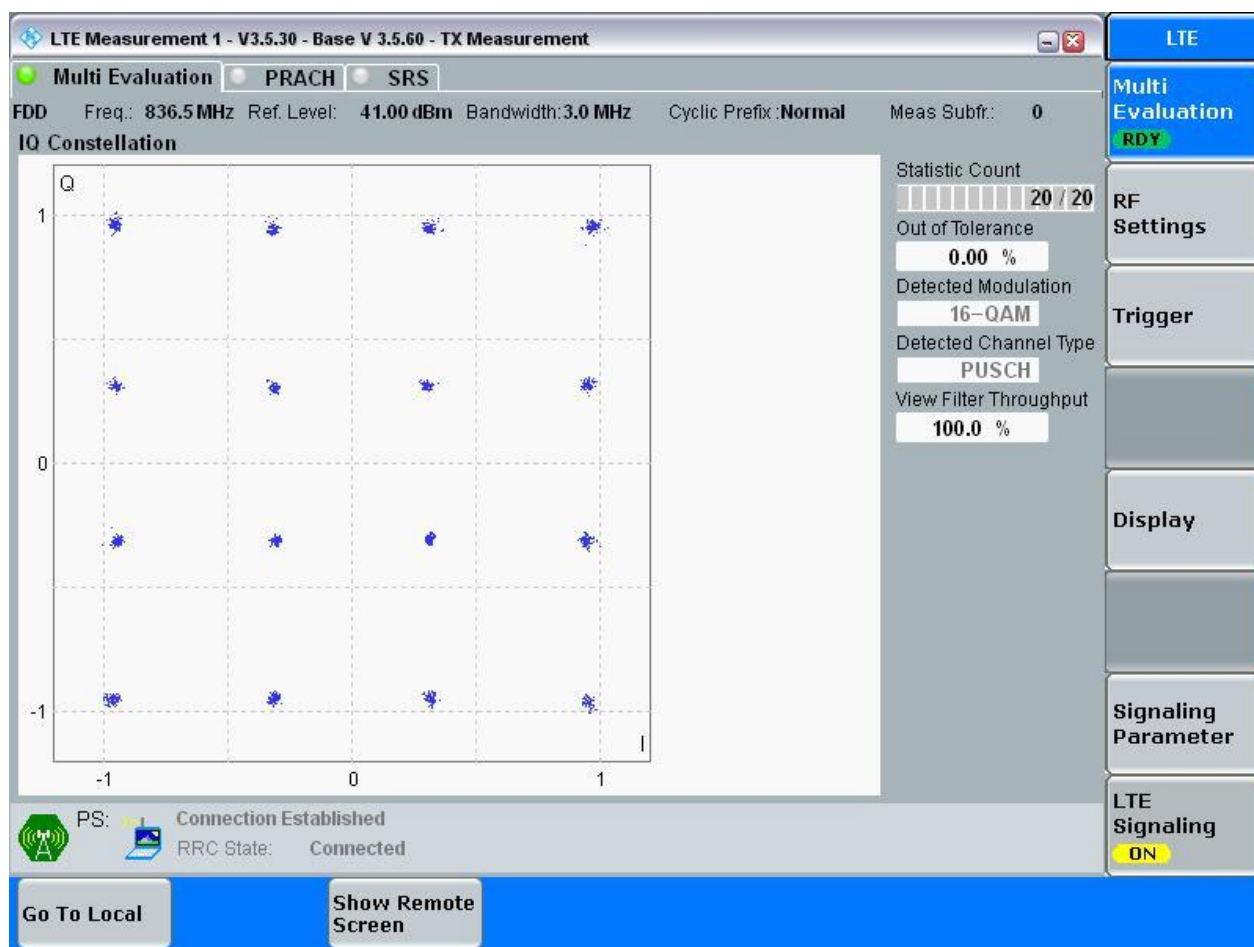
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

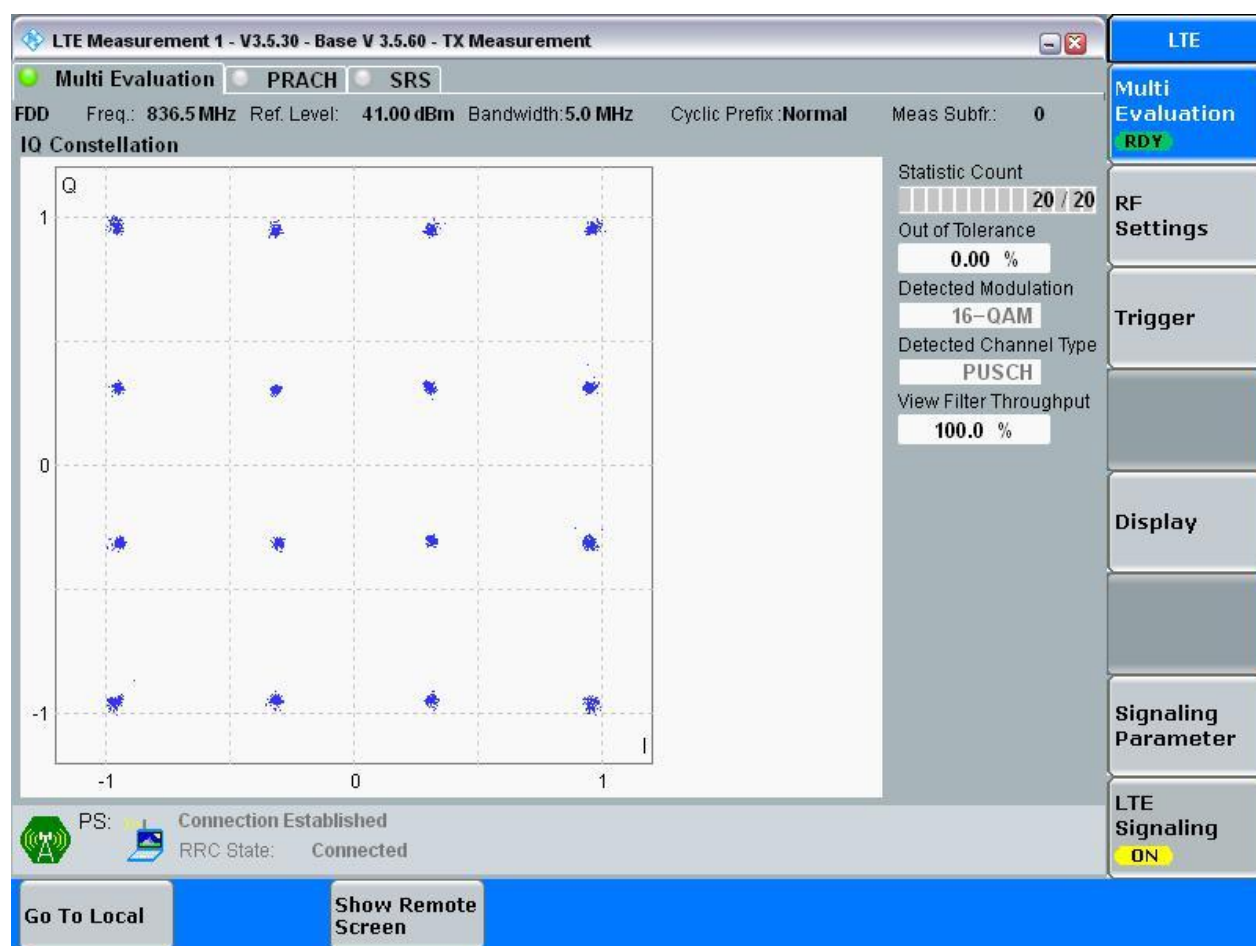
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

### 3.1.1.2.3.1 Test Channel = MCH

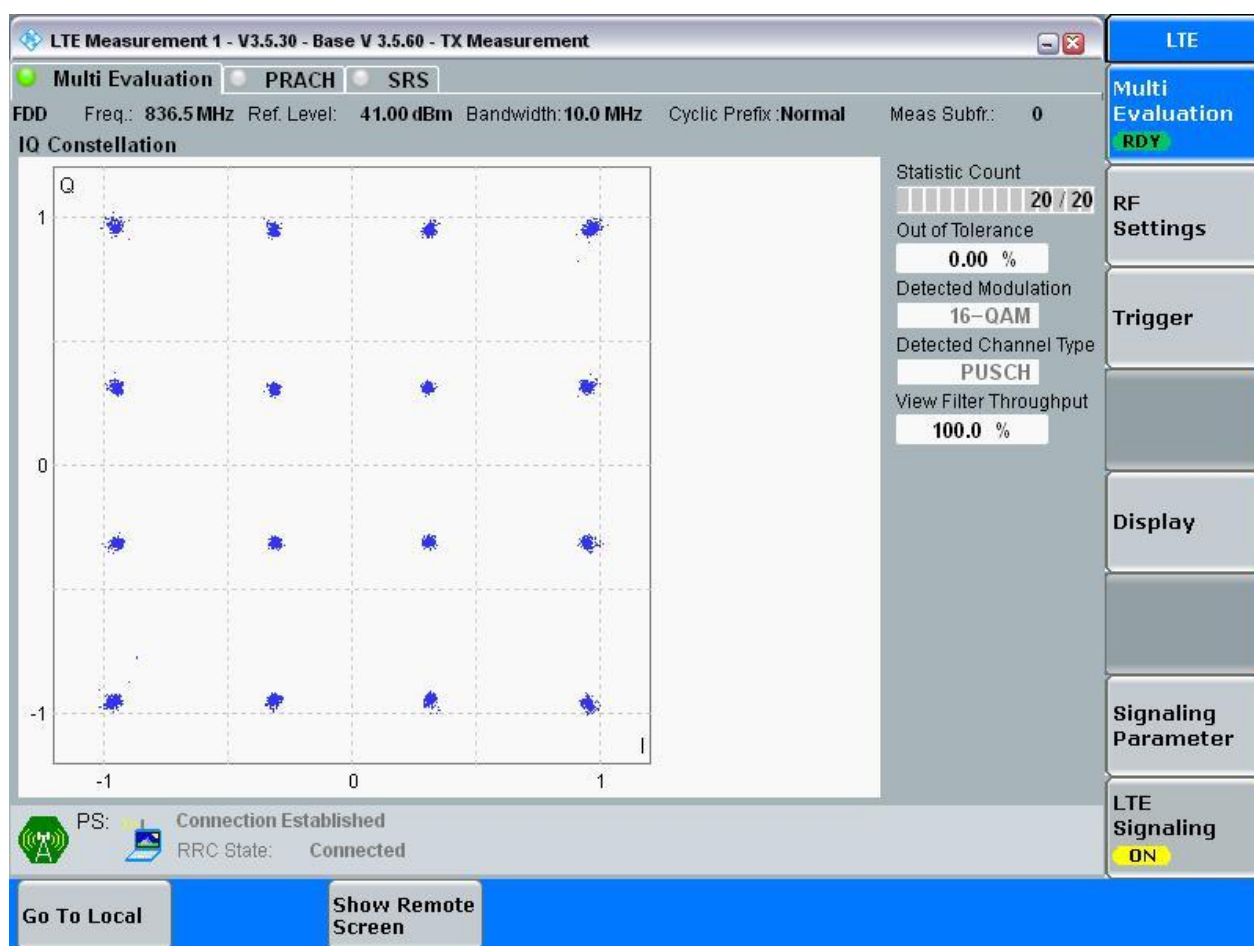
### 3.1.1.2.3.1.1 Test RB = RB25#0



### 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                     | 1.24                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.24                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.70                     | 2.98                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.70                     | 2.97                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.72                     | 2.98                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.52                     | 4.96                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.53                     | 4.95                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.51                     | 4.96                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 9.00                     | 9.93                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.95                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.99                     | 9.90                     | Pass    |
|           | LTE/TM2   | 1.4            | LCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           |                | MCH          | RB6#0   | 1.10                     | 1.24                     | Pass    |
|           |           |                | HCH          | RB6#0   | 1.09                     | 1.23                     | Pass    |
|           |           | 3              | LCH          | RB15#0  | 2.71                     | 2.98                     | Pass    |
|           |           |                | MCH          | RB15#0  | 2.70                     | 2.97                     | Pass    |
|           |           |                | HCH          | RB15#0  | 2.71                     | 2.96                     | Pass    |
|           |           | 5              | LCH          | RB25#0  | 4.51                     | 4.96                     | Pass    |
|           |           |                | MCH          | RB25#0  | 4.51                     | 4.98                     | Pass    |
|           |           |                | HCH          | RB25#0  | 4.51                     | 4.96                     | Pass    |
|           |           | 10             | LCH          | RB50#0  | 8.98                     | 9.92                     | Pass    |
|           |           |                | MCH          | RB50#0  | 9.01                     | 9.90                     | Pass    |
|           |           |                | HCH          | RB50#0  | 8.99                     | 9.90                     | Pass    |



## Part II - Test Plots

### 4.1 For LTE

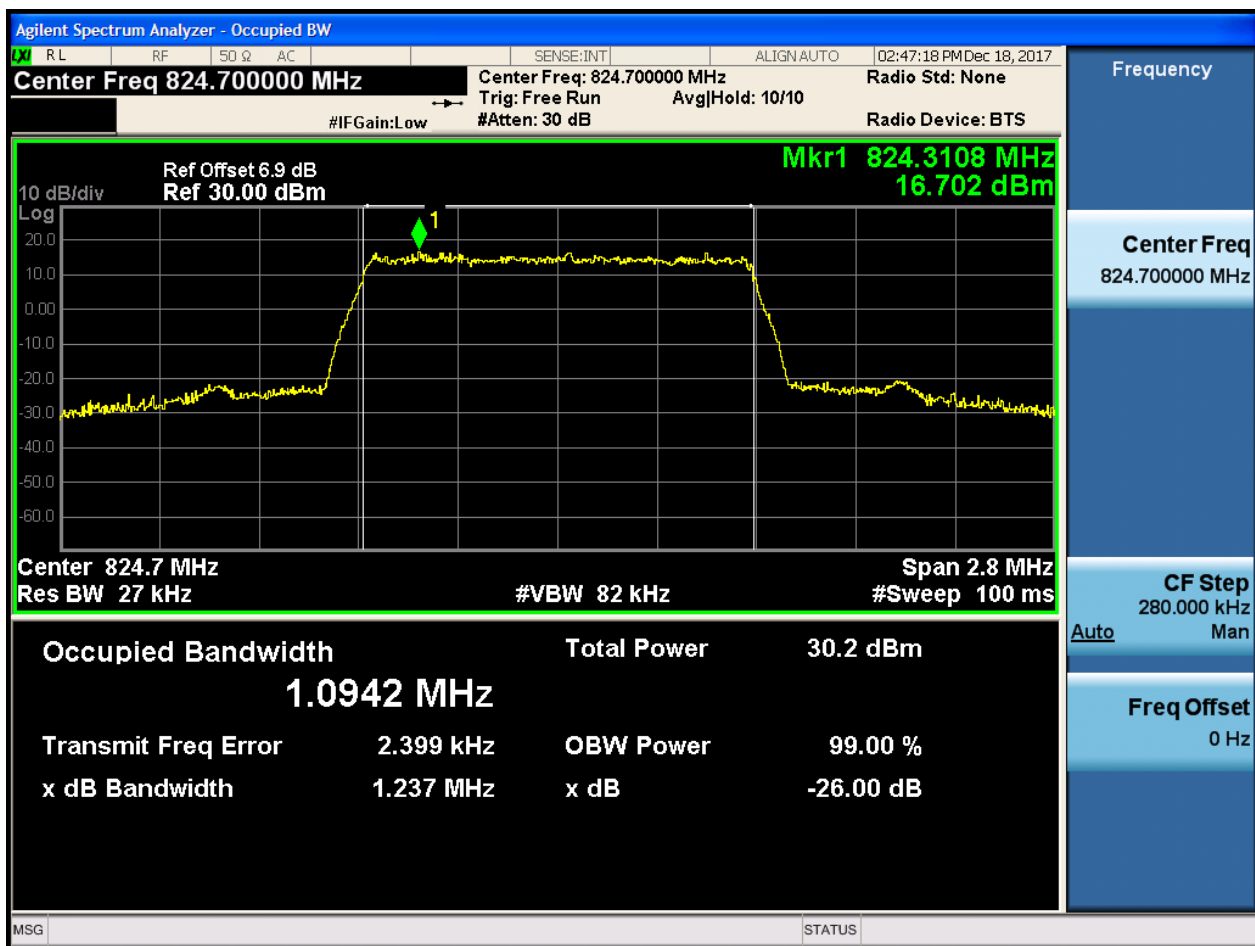
#### 4.1.1 Test Band = BAND5

##### 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

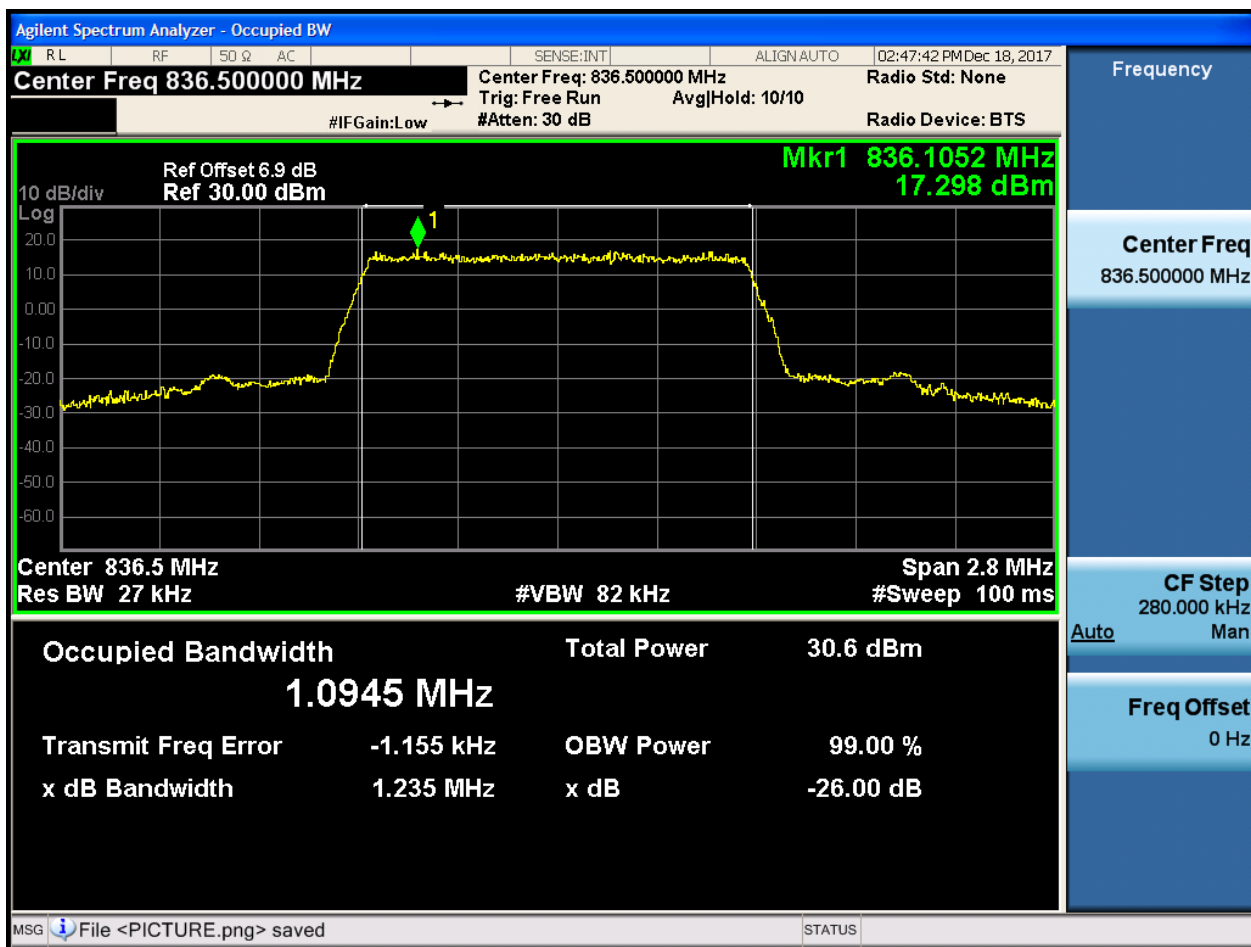
##### 4.1.1.1.1.1.1 Test RB = RB6#0





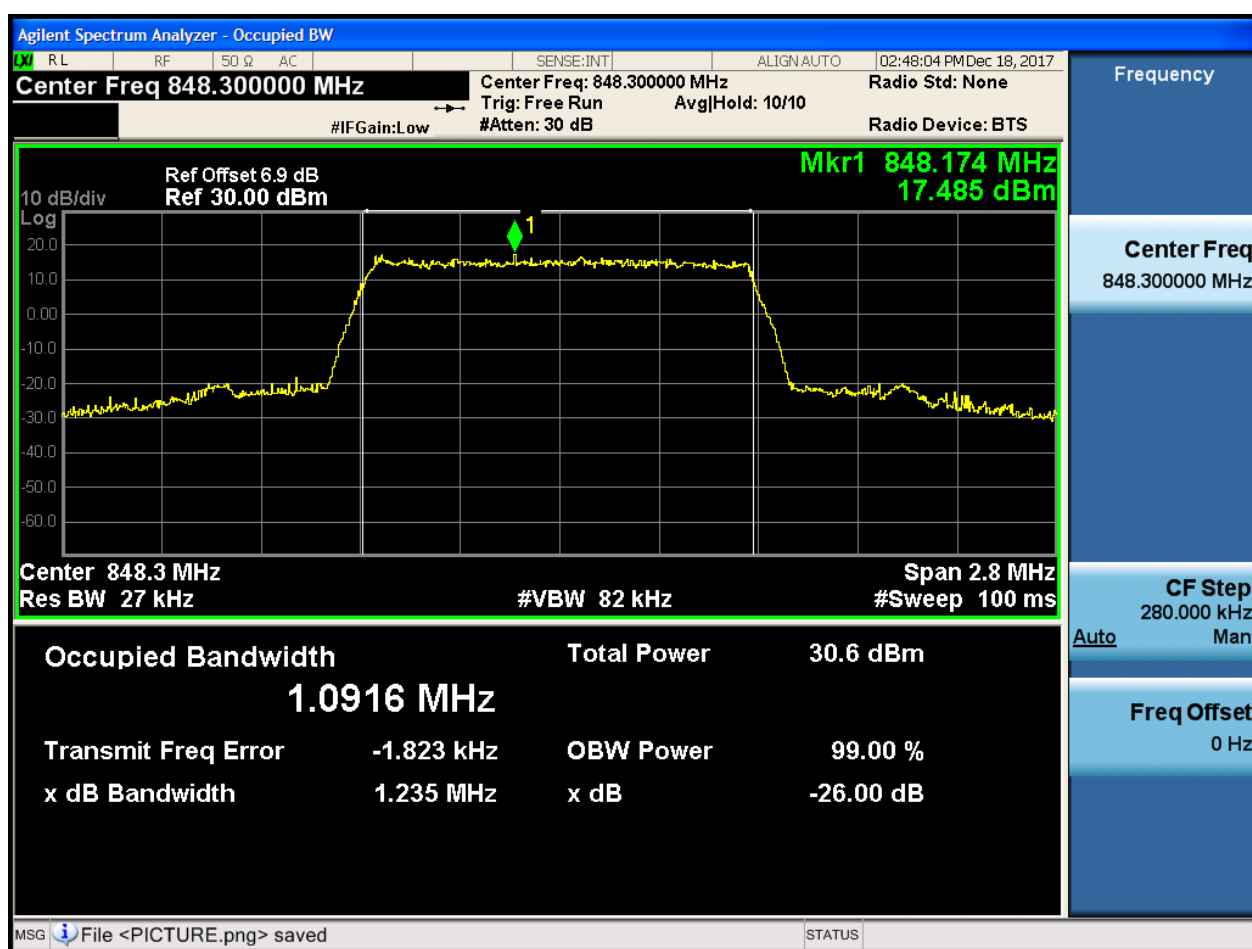
## 4.1.1.1.1.2 Test Channel = MCH

## 4.1.1.1.1.2.1 Test RB = RB6#0



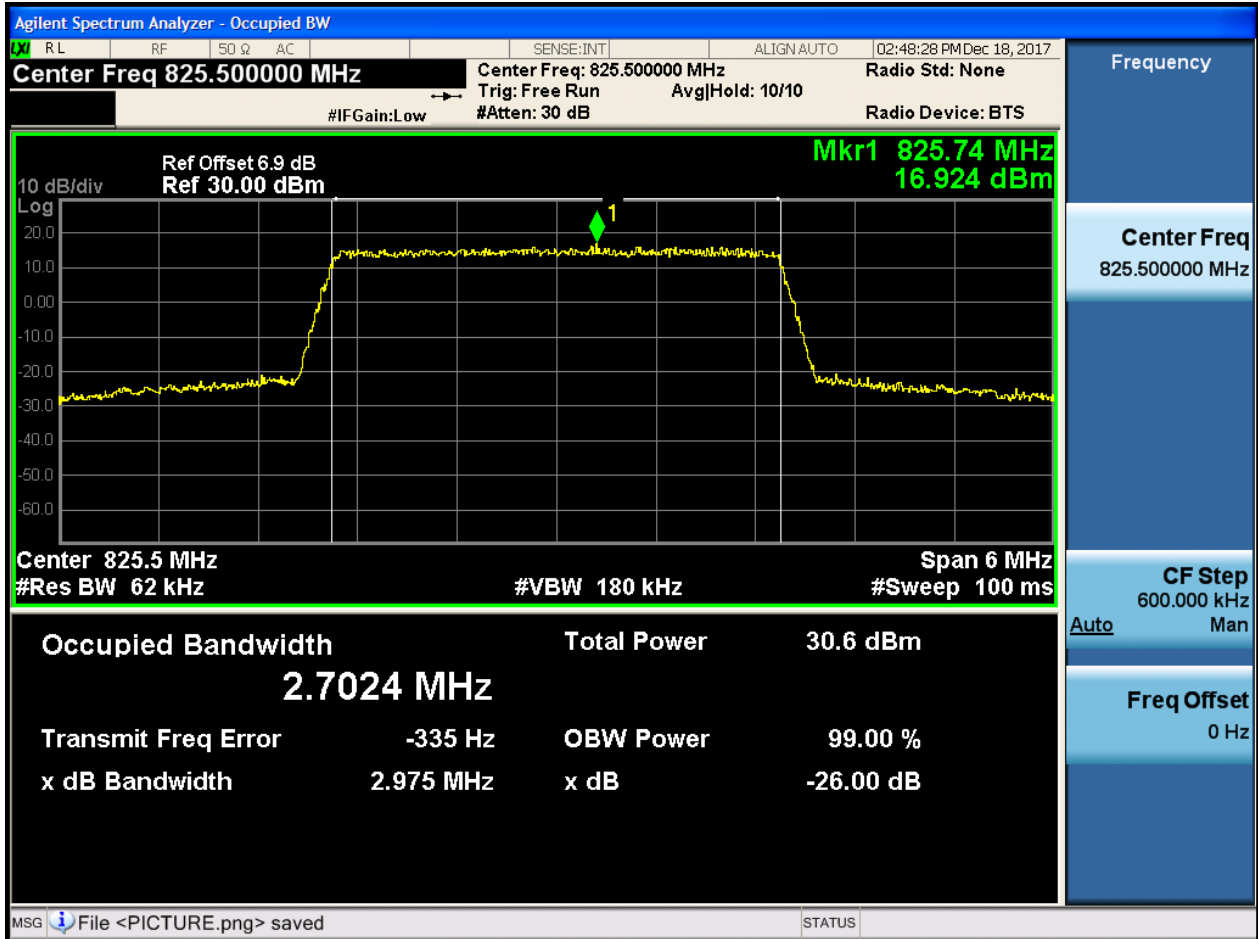
#### 4.1.1.1.1.3 Test Channel = HCH

#### 4.1.1.1.1.3.1 Test RB = RB6#0





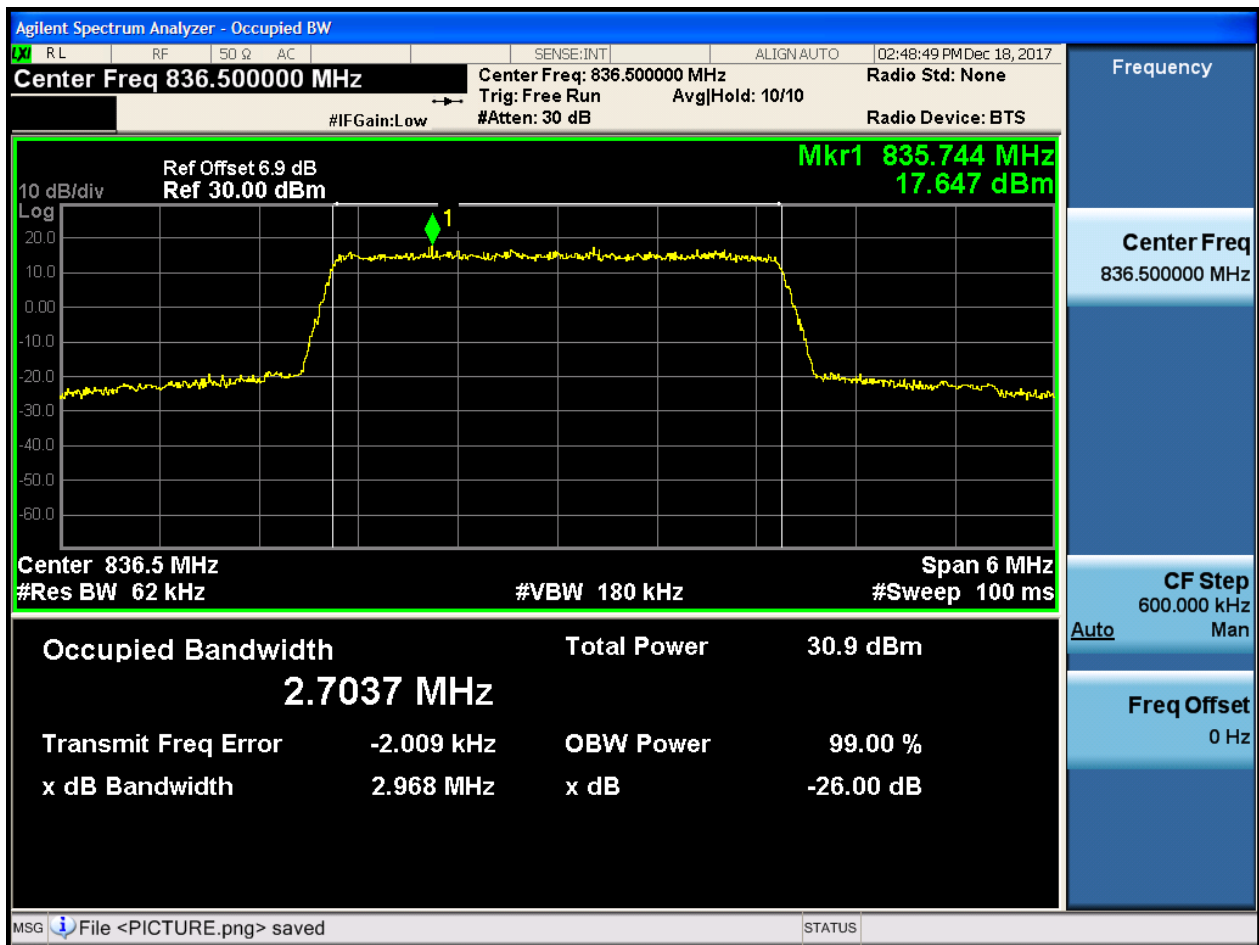
#### 4.1.1.1.2.1.1 Test RB = RB15#0





## 4.1.1.1.2.2 Test Channel = MCH

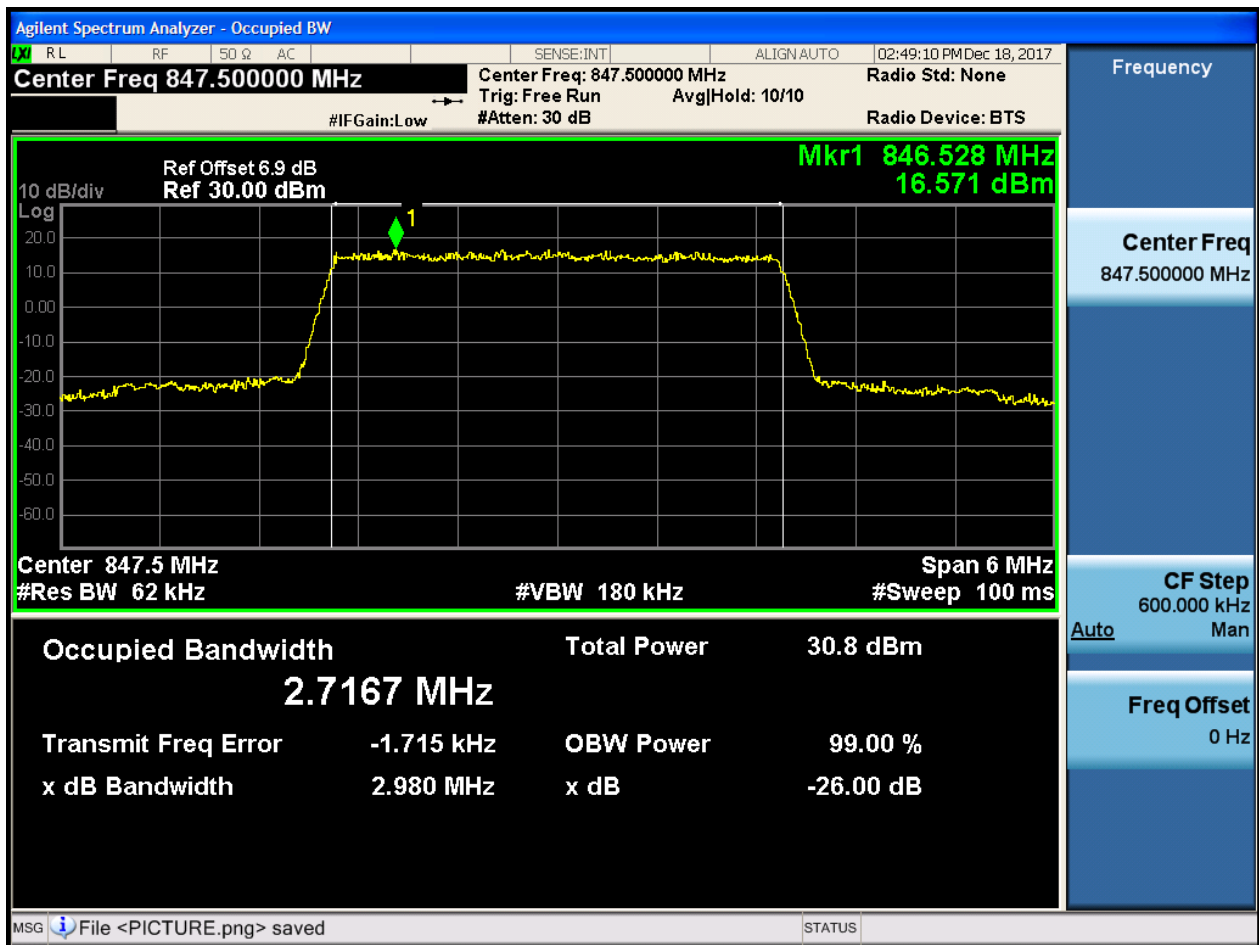
## 4.1.1.1.2.2.1 Test RB = RB15#0





## 4.1.1.1.2.3 Test Channel = HCH

## 4.1.1.1.2.3.1 Test RB = RB15#0

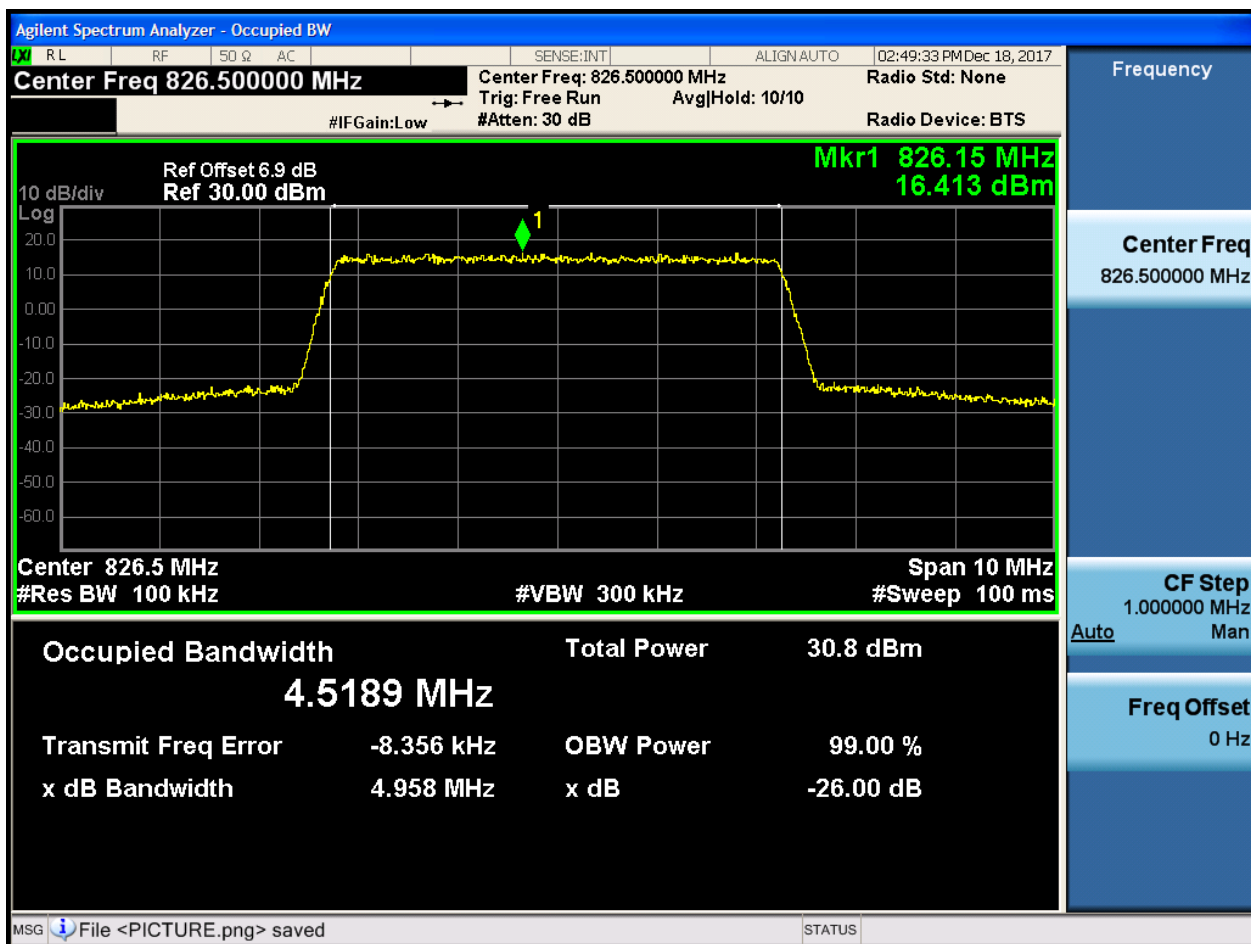




## 4.1.1.1.3 Test Bandwidth = 5

## 4.1.1.1.3.1 Test Channel = LCH

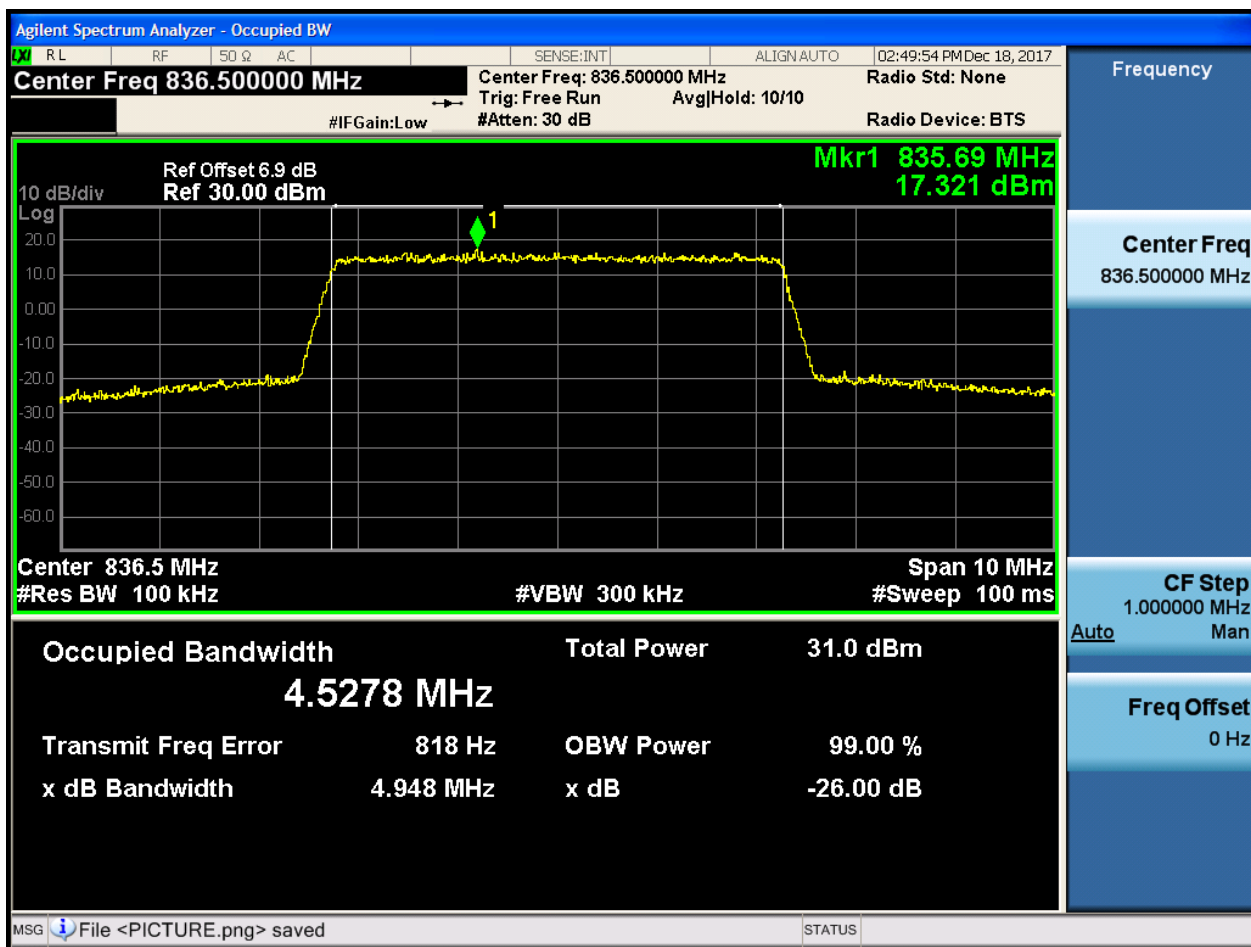
## 4.1.1.1.3.1.1 Test RB = RB25#0





## 4.1.1.1.3.2 Test Channel = MCH

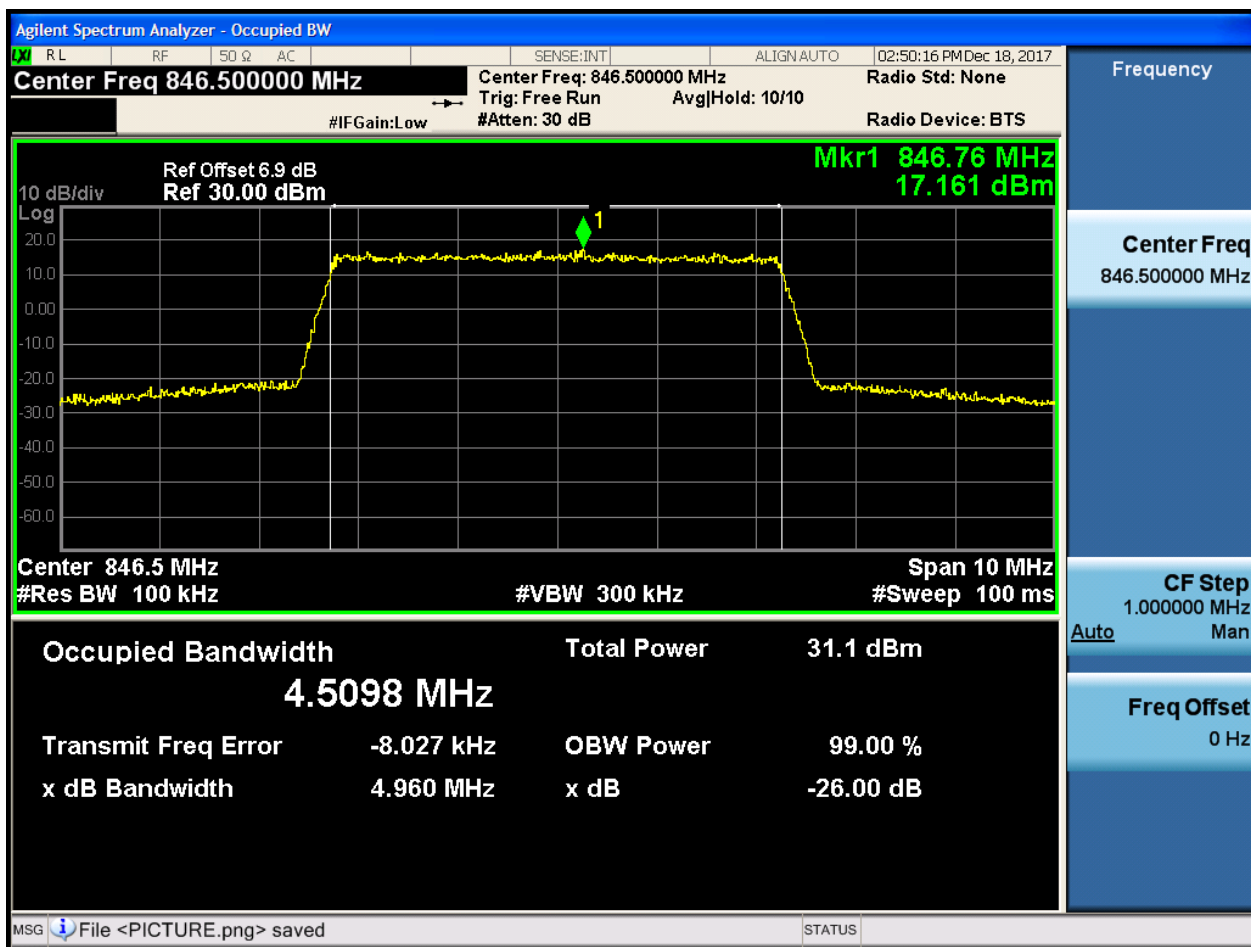
## 4.1.1.1.3.2.1 Test RB = RB25#0





## 4.1.1.1.3.3 Test Channel = HCH

## 4.1.1.1.3.3.1 Test RB = RB25#0

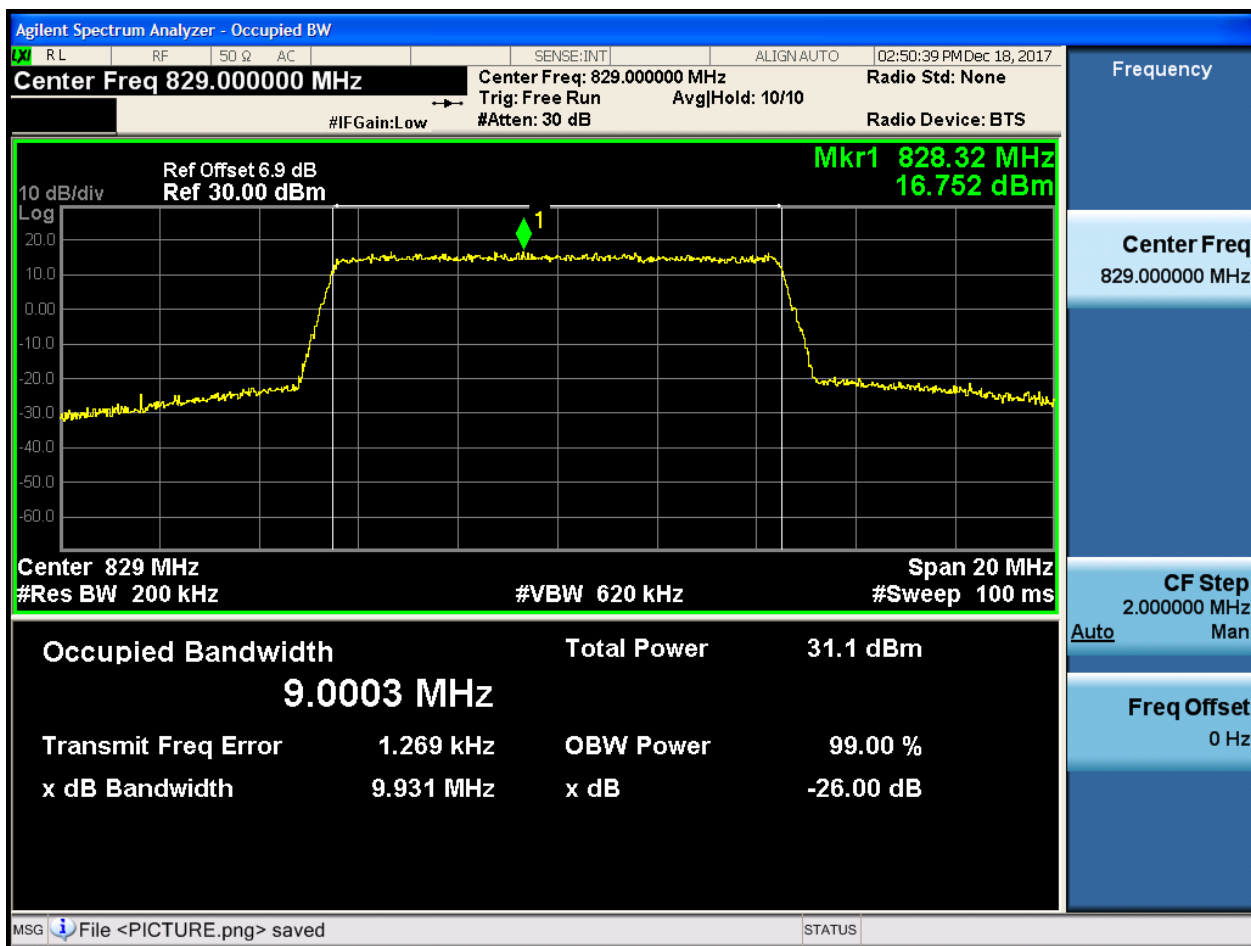




## 4.1.1.1.4 Test Bandwidth = 10

## 4.1.1.1.4.1 Test Channel = LCH

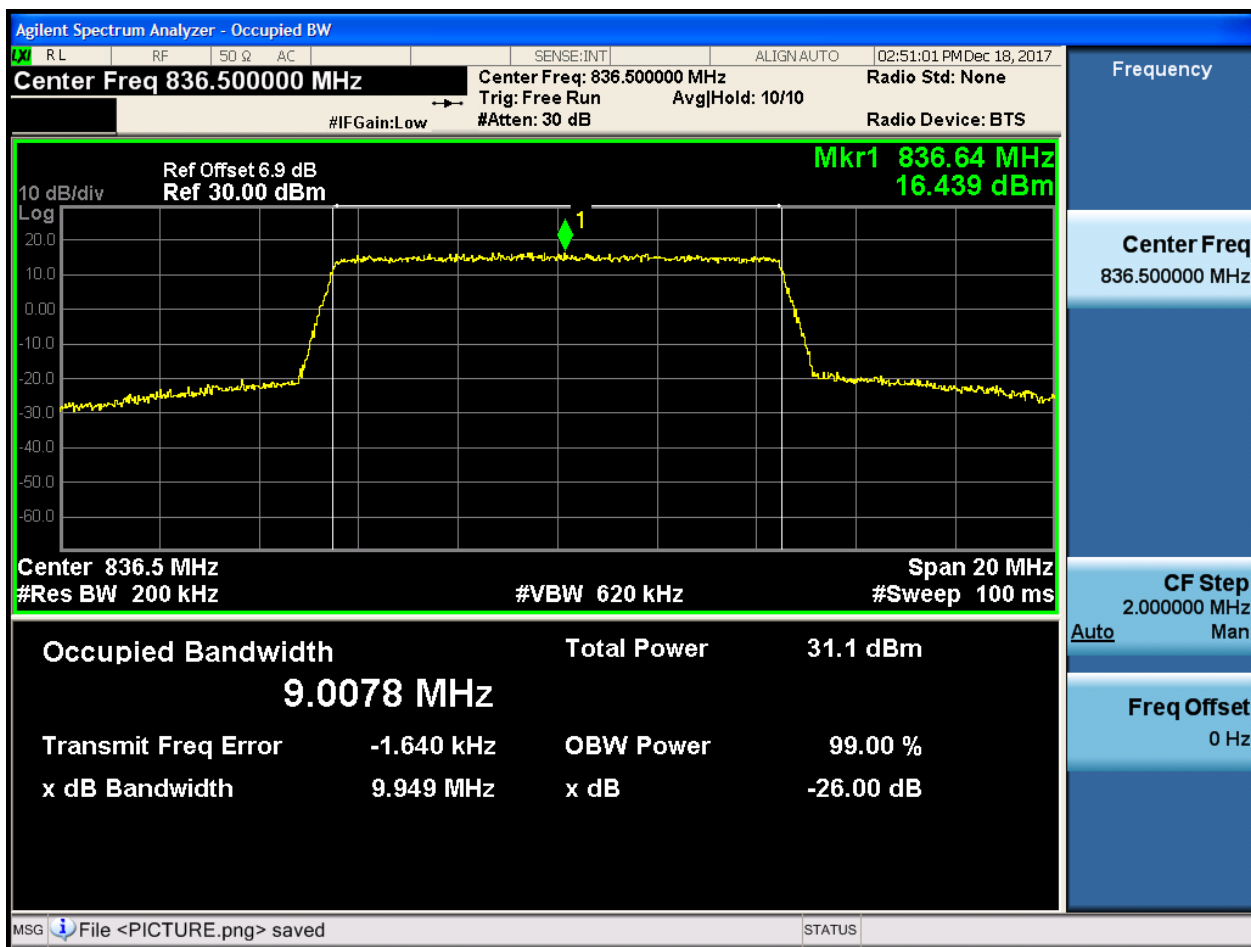
## 4.1.1.1.4.1.1 Test RB = RB50#0





## 4.1.1.1.4.2 Test Channel = MCH

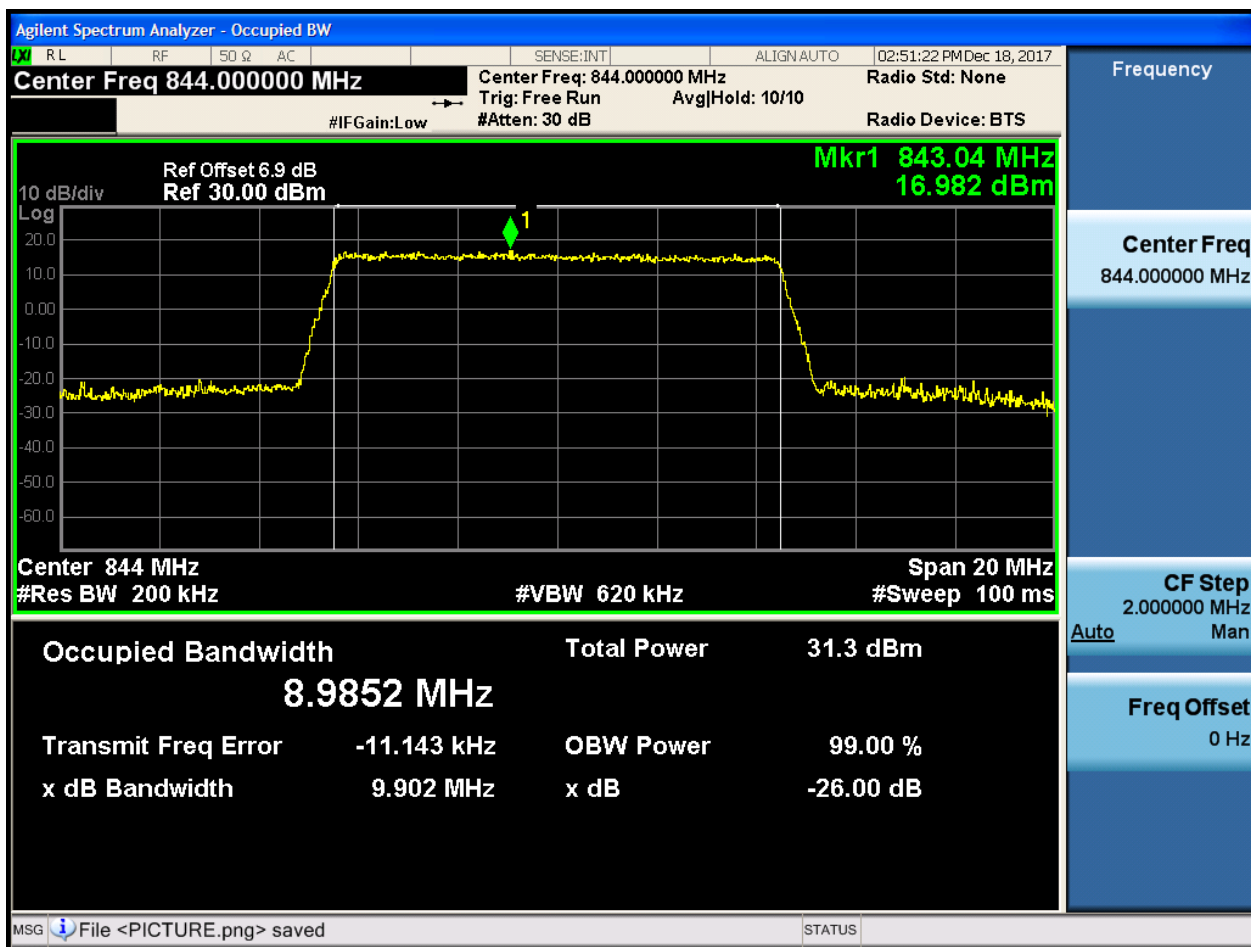
## 4.1.1.1.4.2.1 Test RB = RB50#0





## 4.1.1.1.4.3 Test Channel = HCH

## 4.1.1.1.4.3.1 Test RB = RB50#0



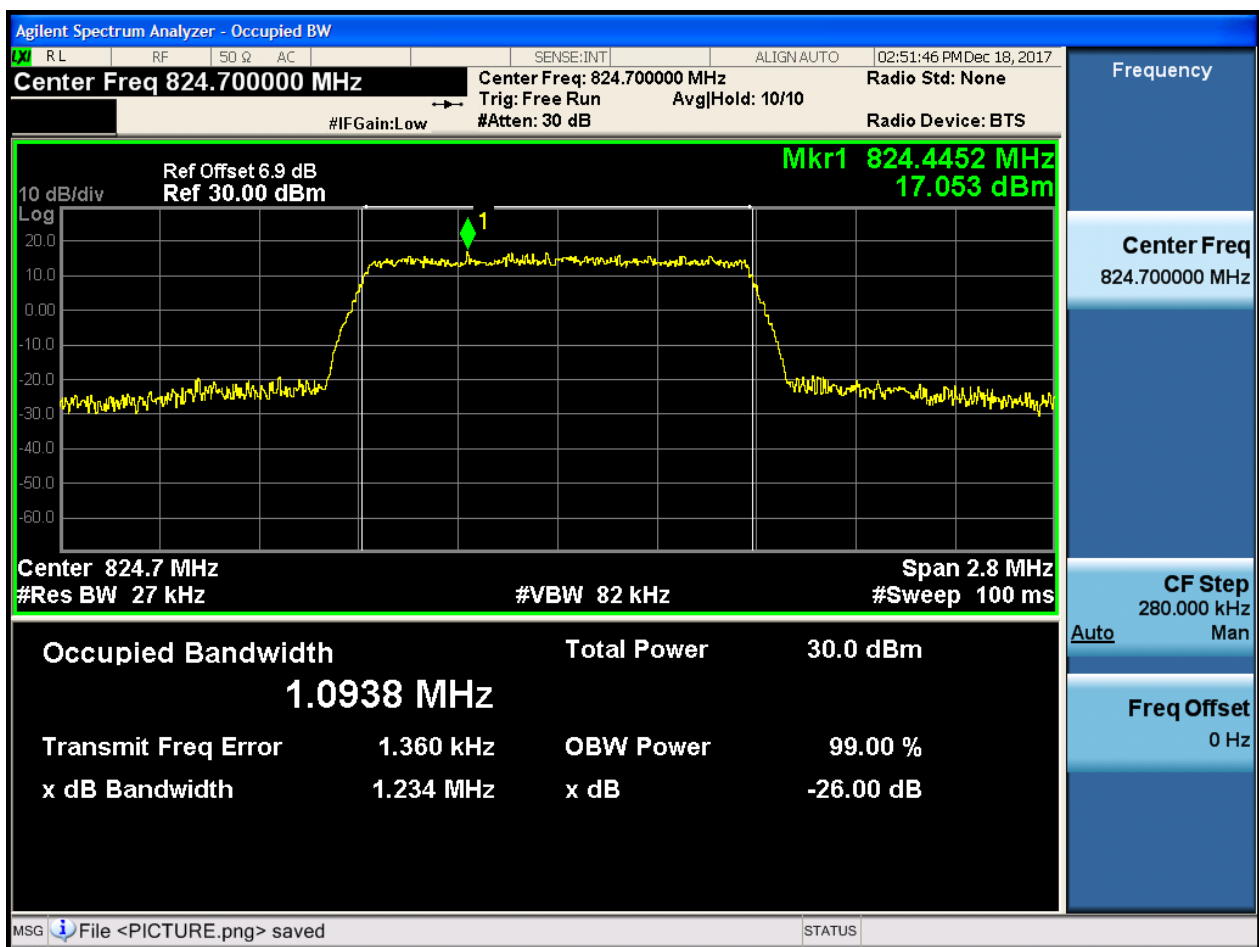


## 4.1.1.2 Test Mode = LTE/TM2

## 4.1.1.2.1 Test Bandwidth = 1.4

## 4.1.1.2.1.1 Test Channel = LCH

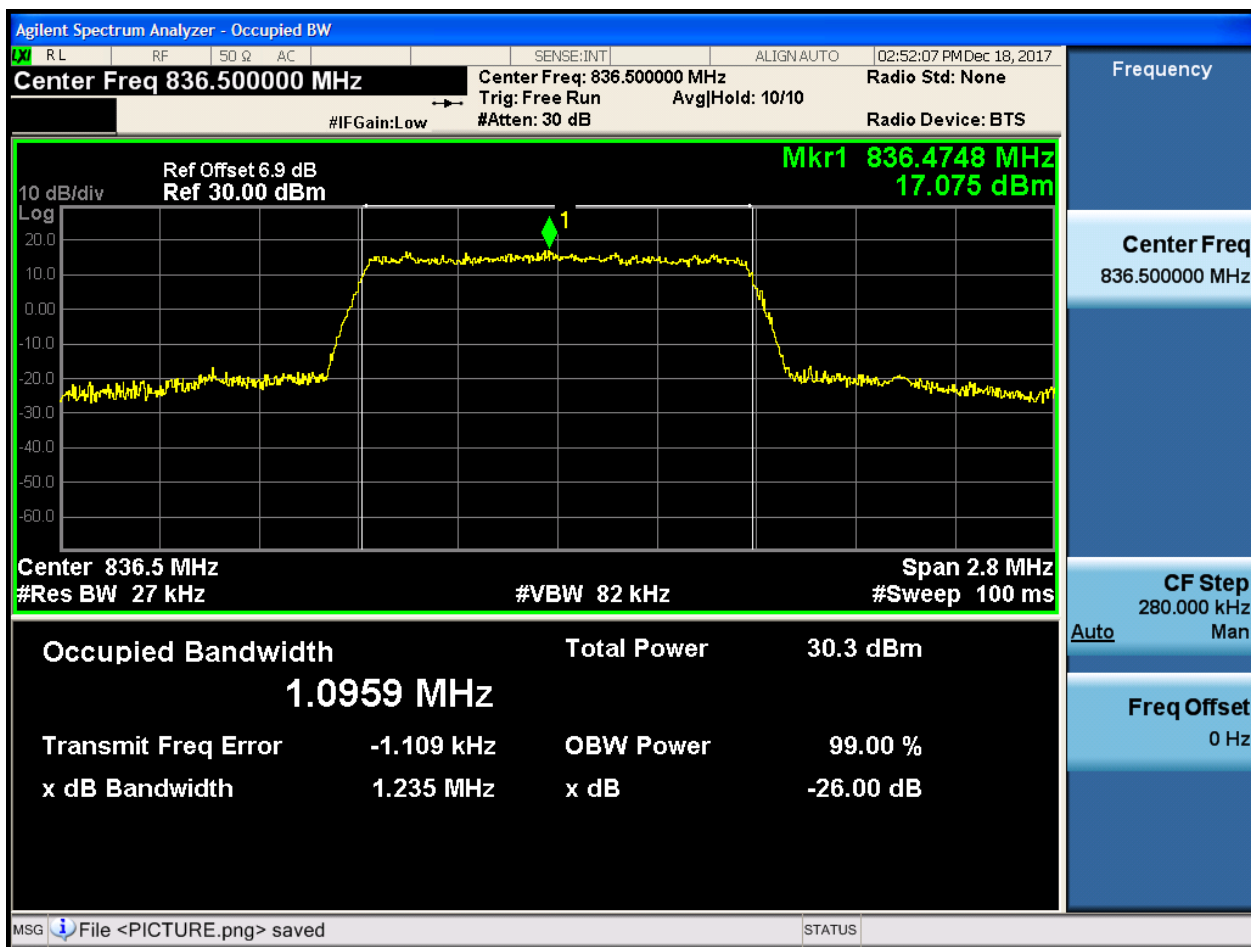
## 4.1.1.2.1.1.1 Test RB = RB6#0





## 4.1.1.2.1.2 Test Channel = MCH

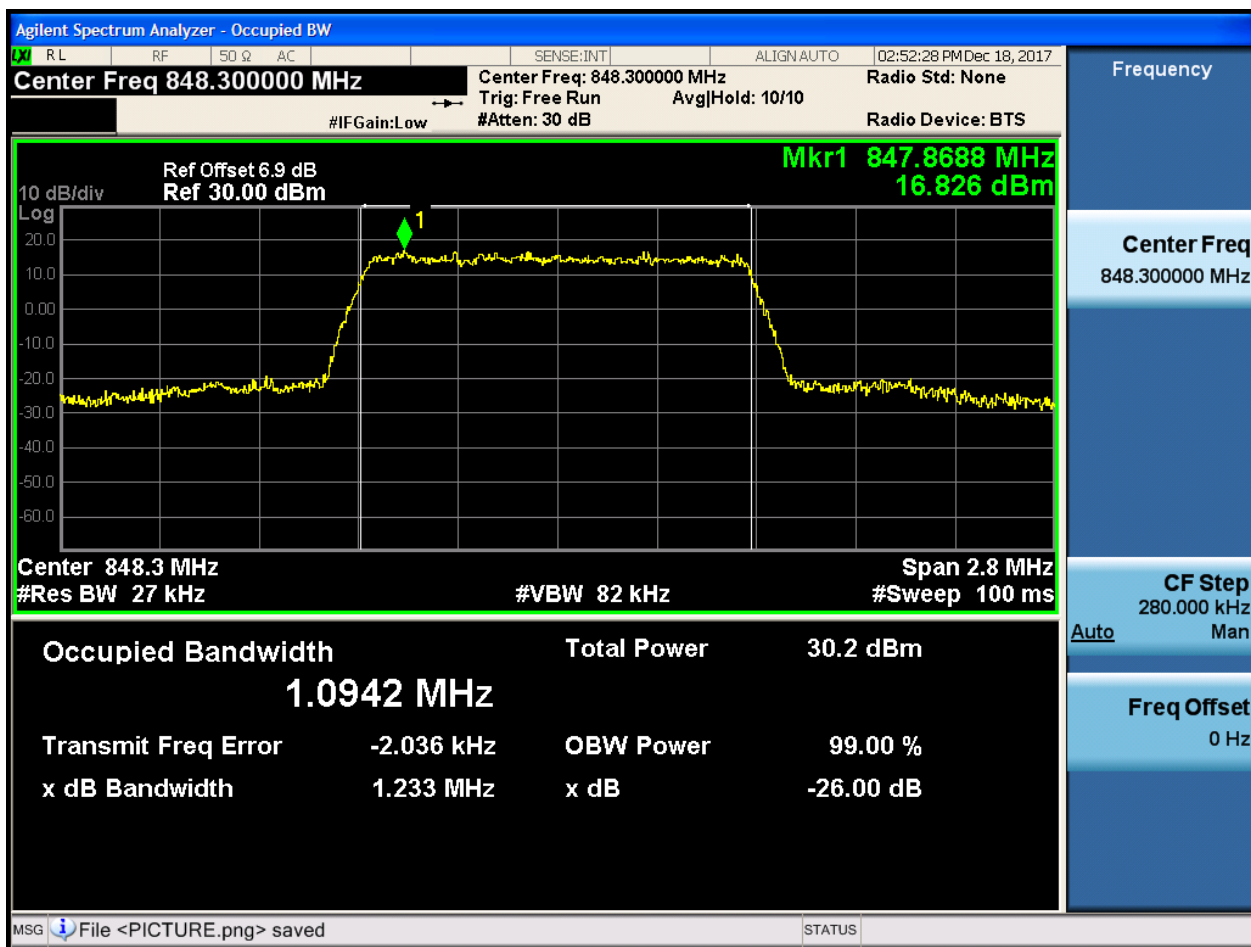
## 4.1.1.2.1.2.1 Test RB = RB6#0





## 4.1.1.2.1.3 Test Channel = HCH

## 4.1.1.2.1.3.1 Test RB = RB6#0

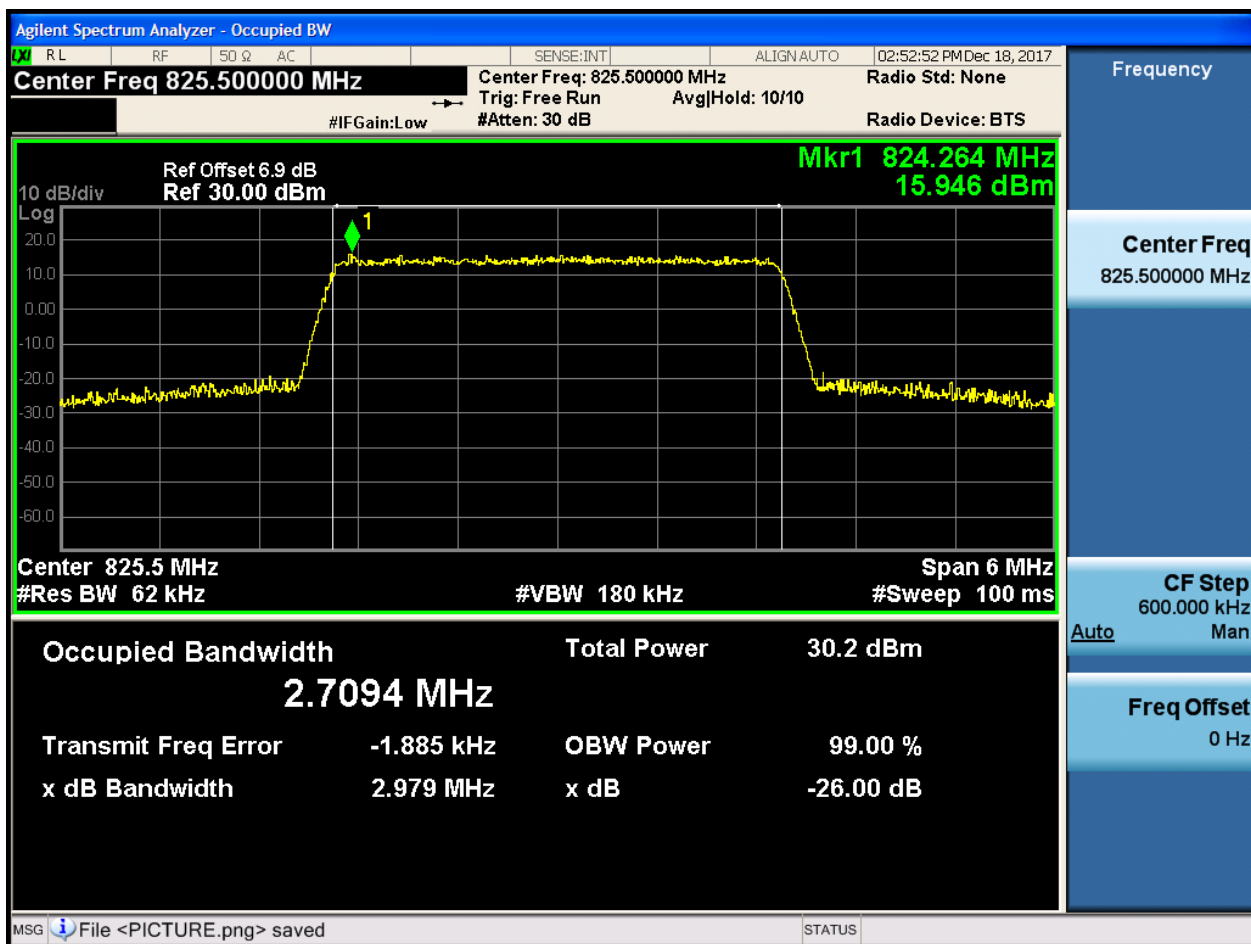




## 4.1.1.2.2 Test Bandwidth = 3

## 4.1.1.2.2.1 Test Channel = LCH

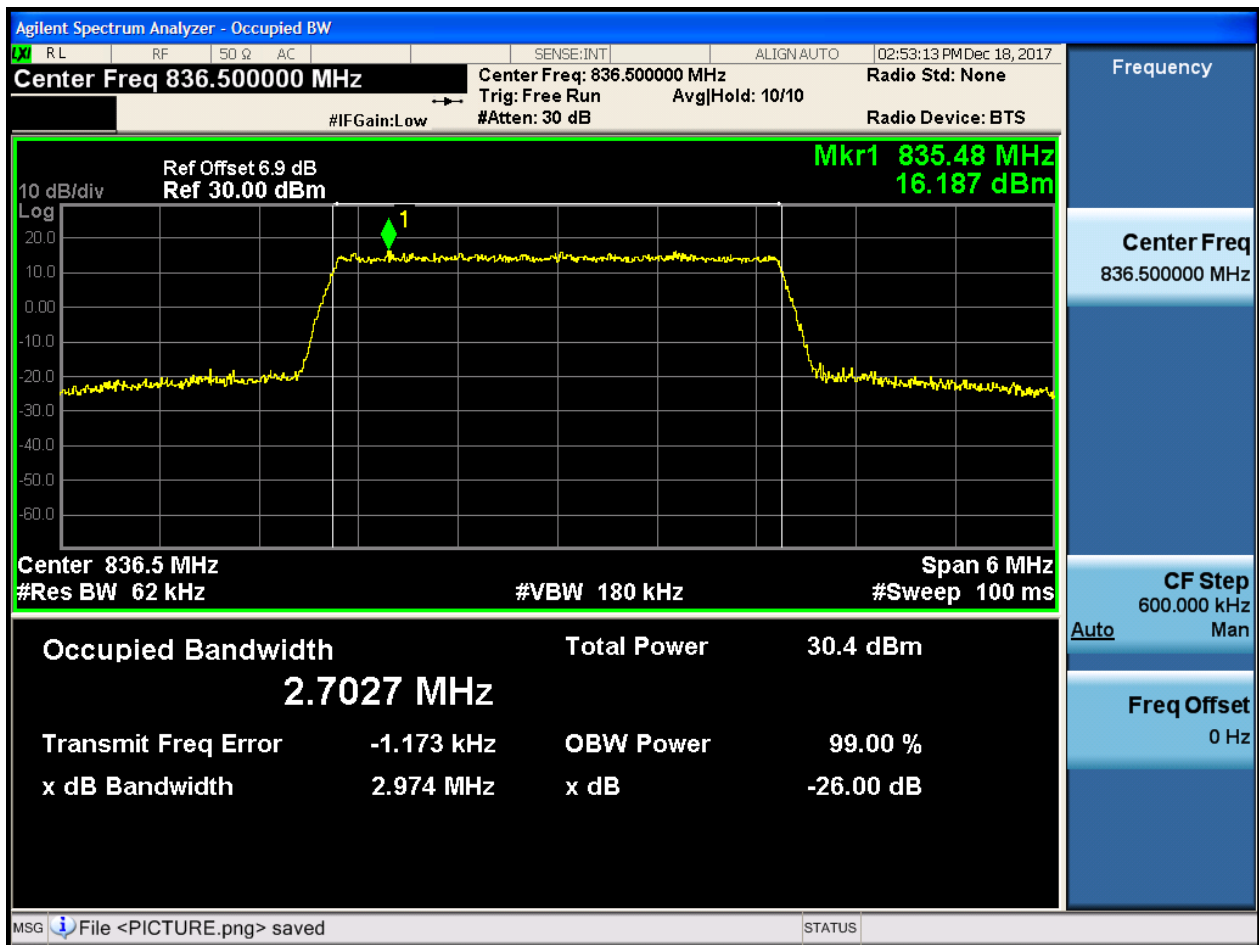
## 4.1.1.2.2.1.1 Test RB = RB15#0





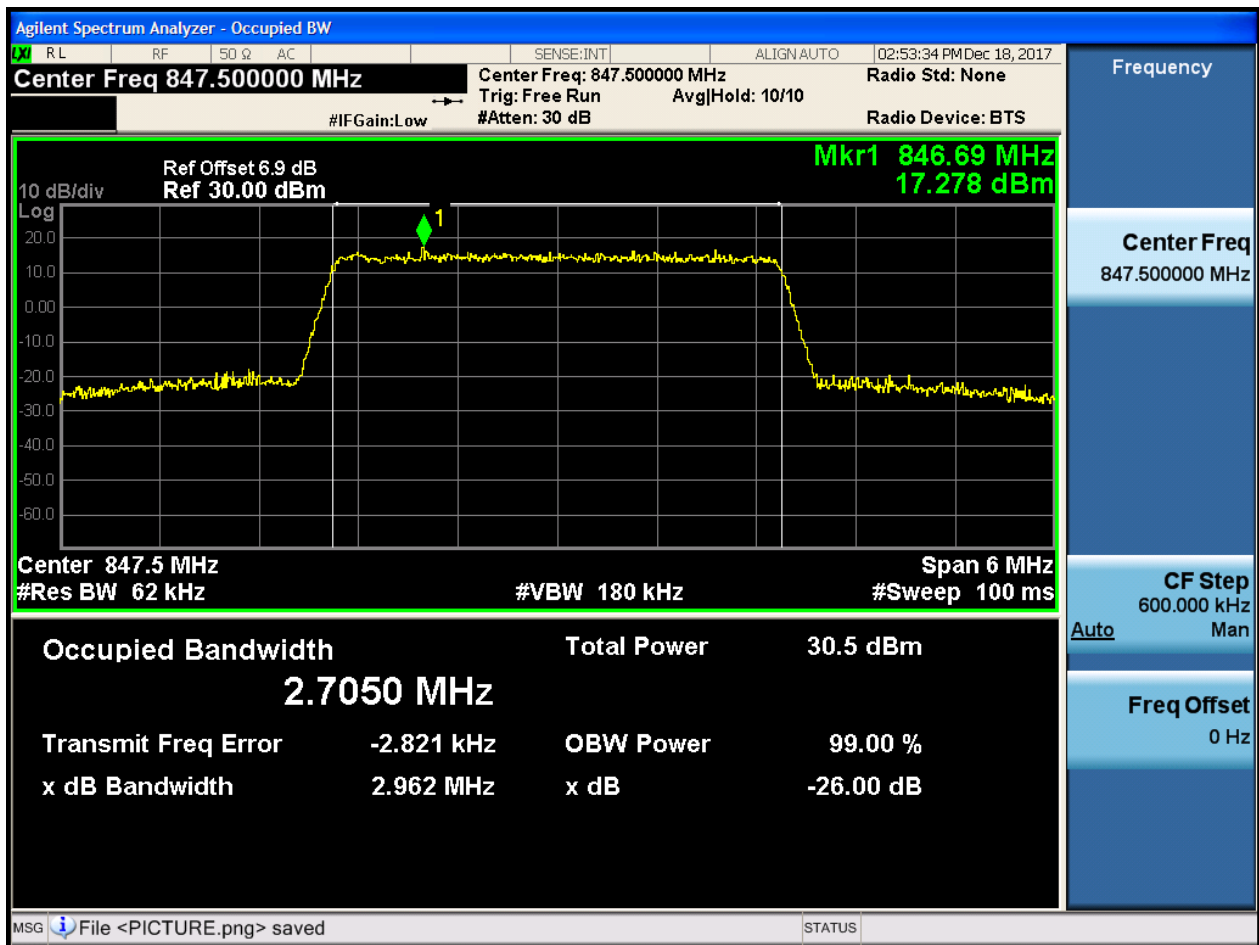
## 4.1.1.2.2.2 Test Channel = MCH

## 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

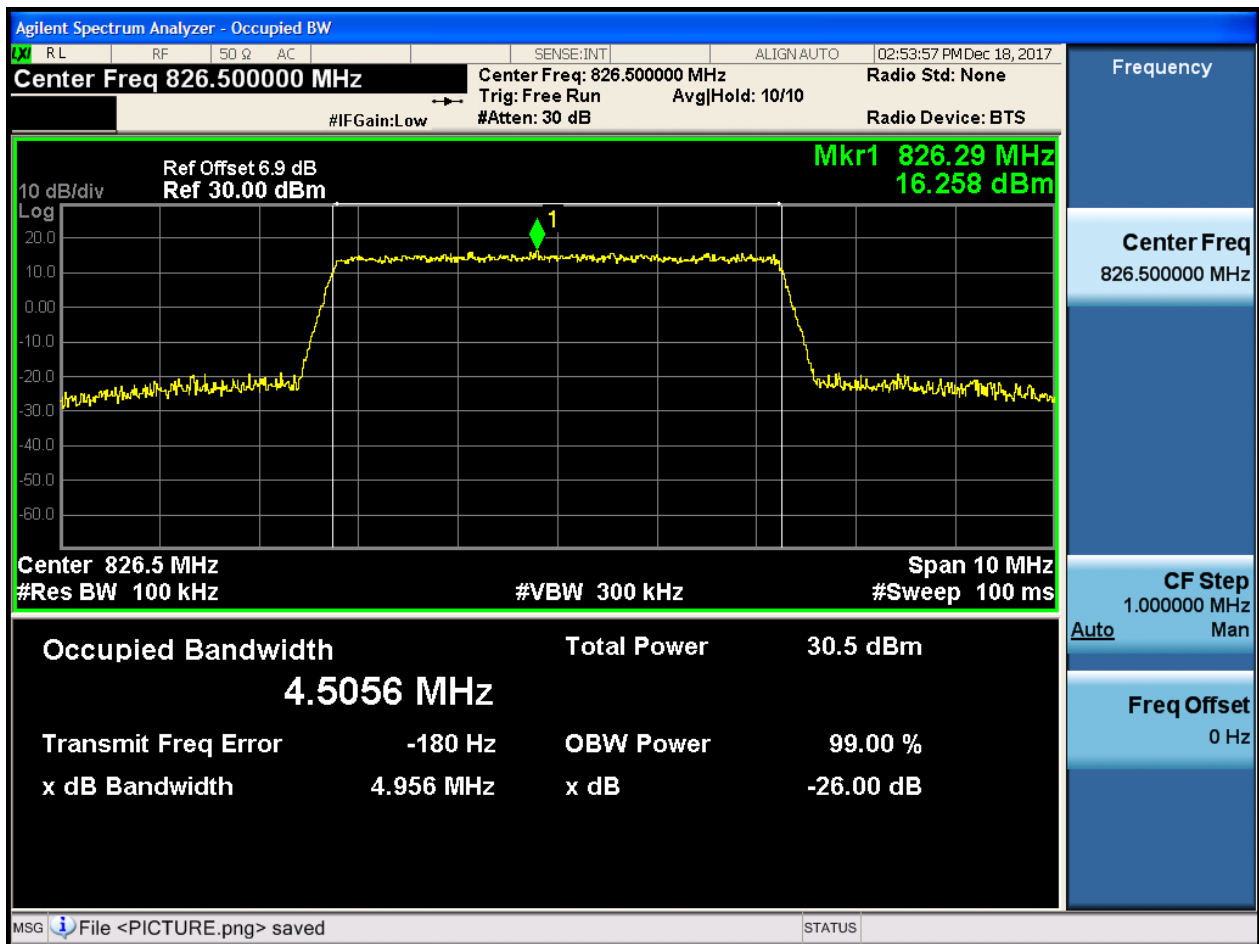




## 4.1.1.2.3 Test Bandwidth = 5

## 4.1.1.2.3.1 Test Channel = LCH

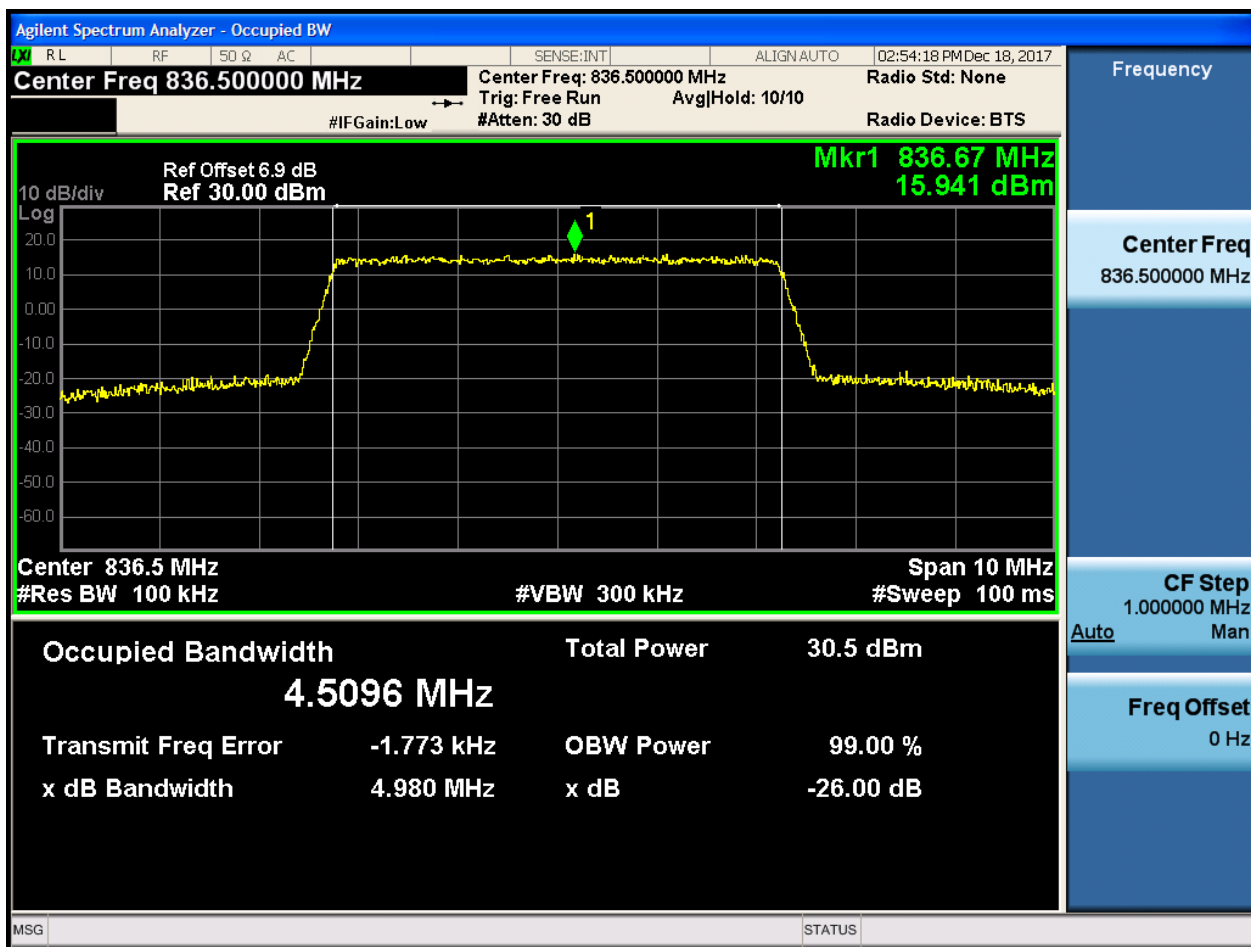
## 4.1.1.2.3.1.1 Test RB = RB25#0





## 4.1.1.2.3.2 Test Channel = MCH

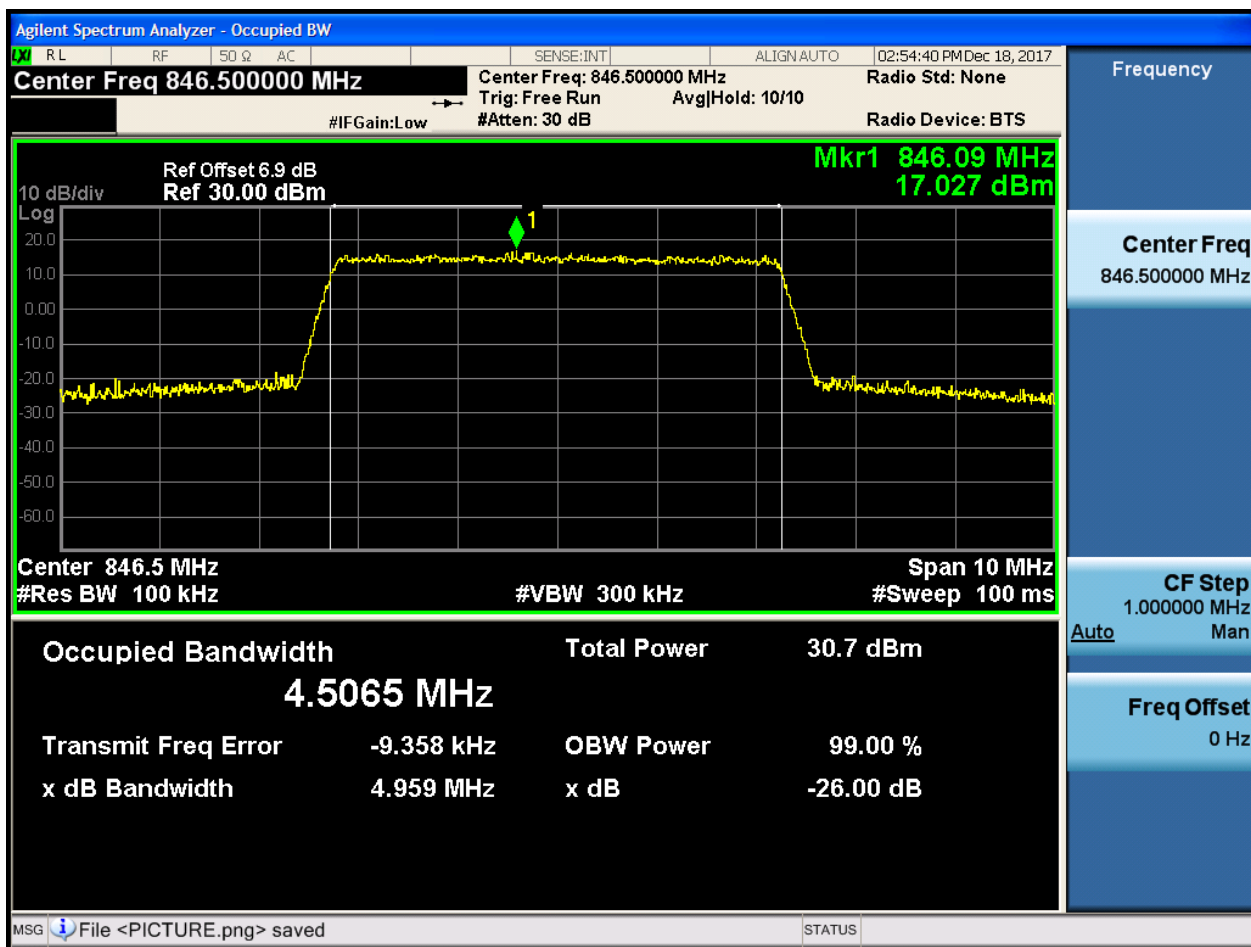
## 4.1.1.2.3.2.1 Test RB = RB25#0





## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

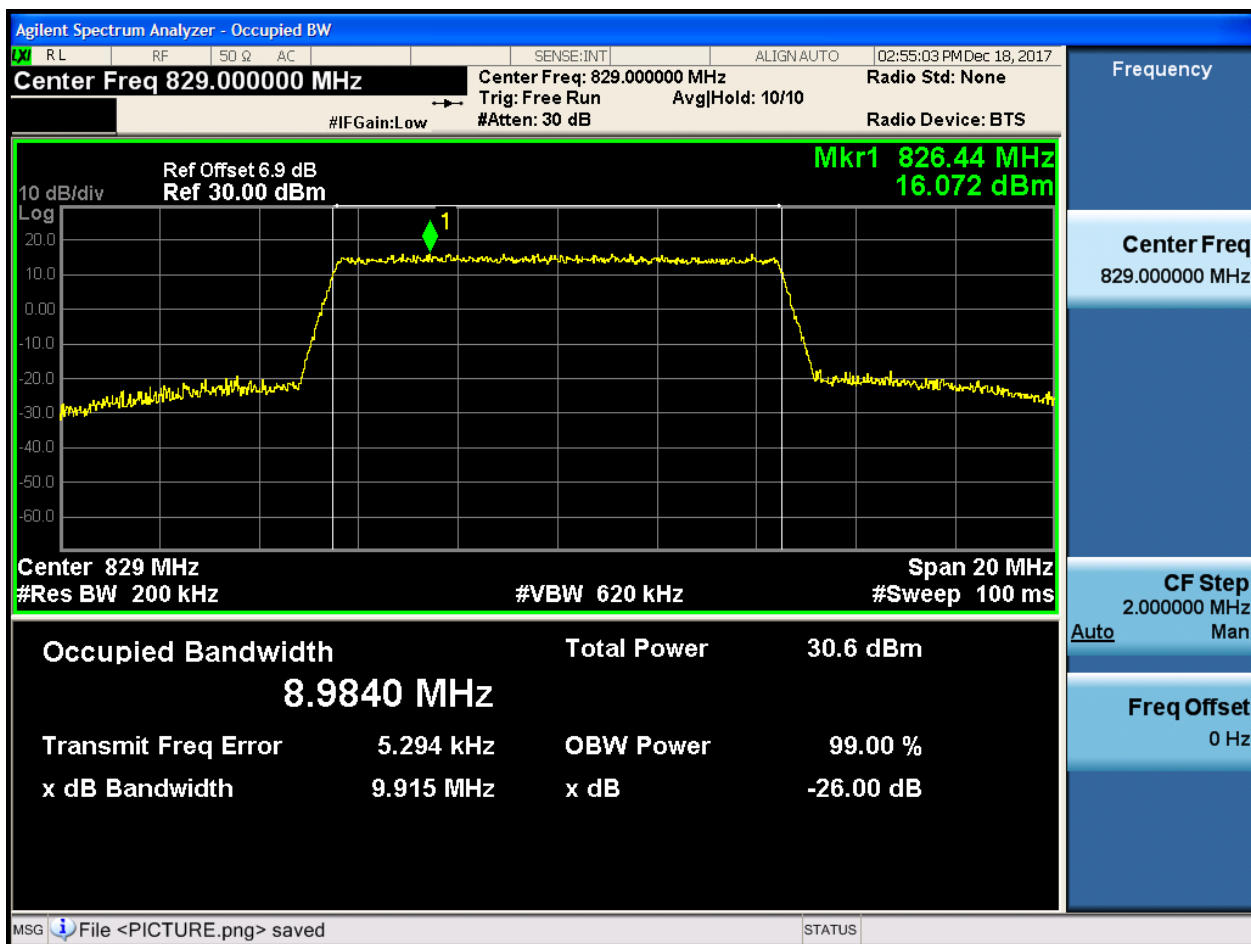




## 4.1.1.2.4 Test Bandwidth = 10

## 4.1.1.2.4.1 Test Channel = LCH

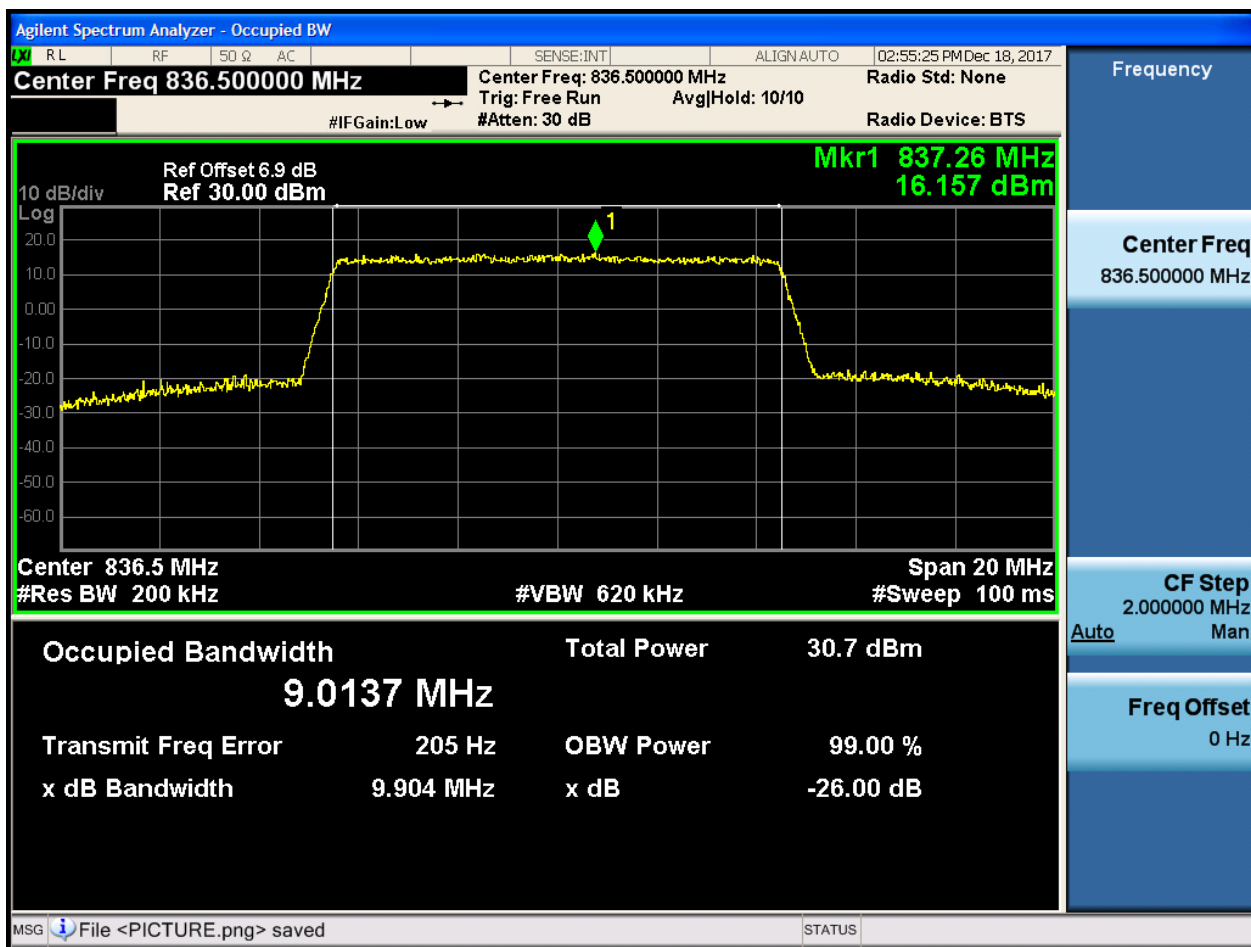
## 4.1.1.2.4.1.1 Test RB = RB50#0





## 4.1.1.2.4.2 Test Channel = MCH

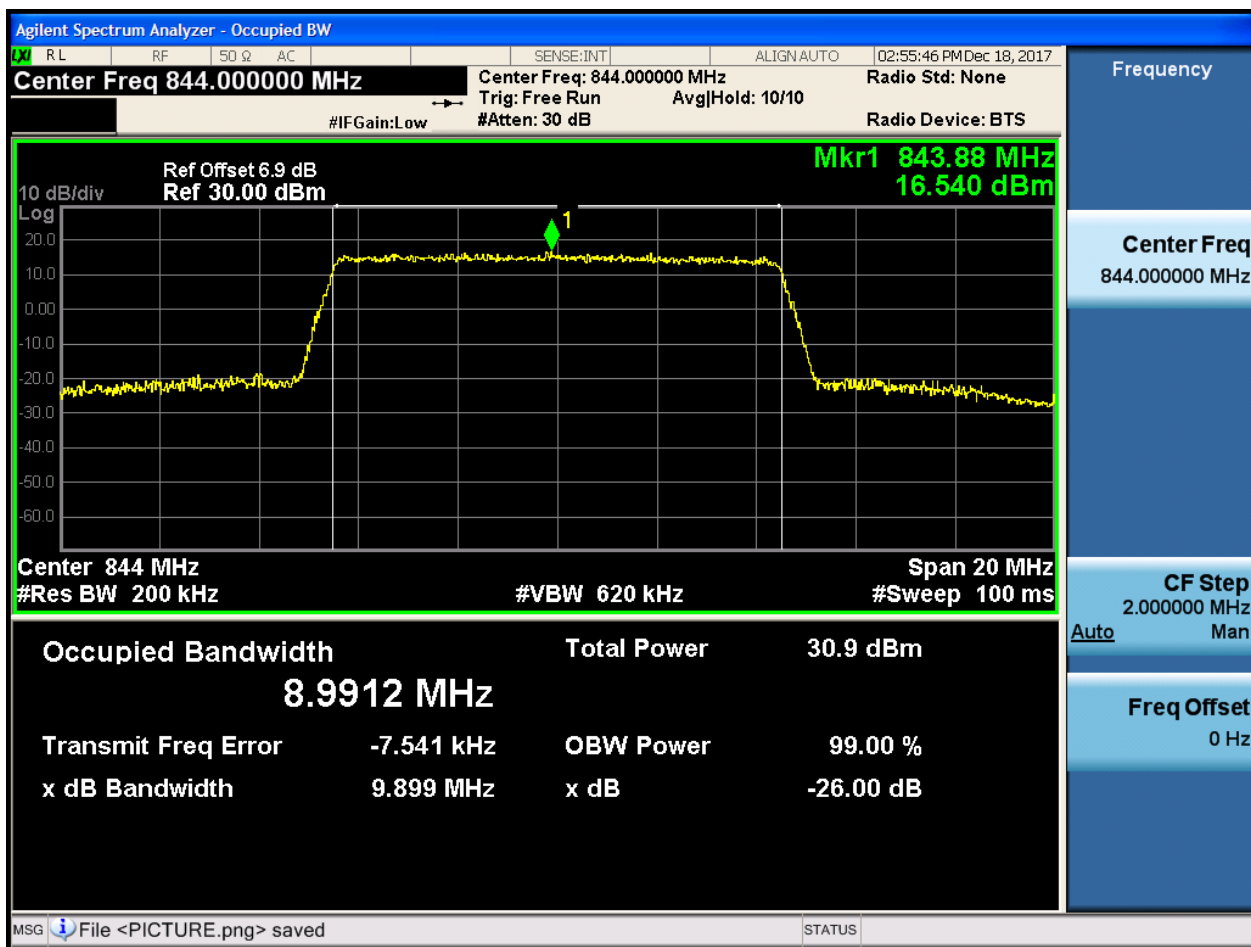
## 4.1.1.2.4.2.1 Test RB = RB50#0





## 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

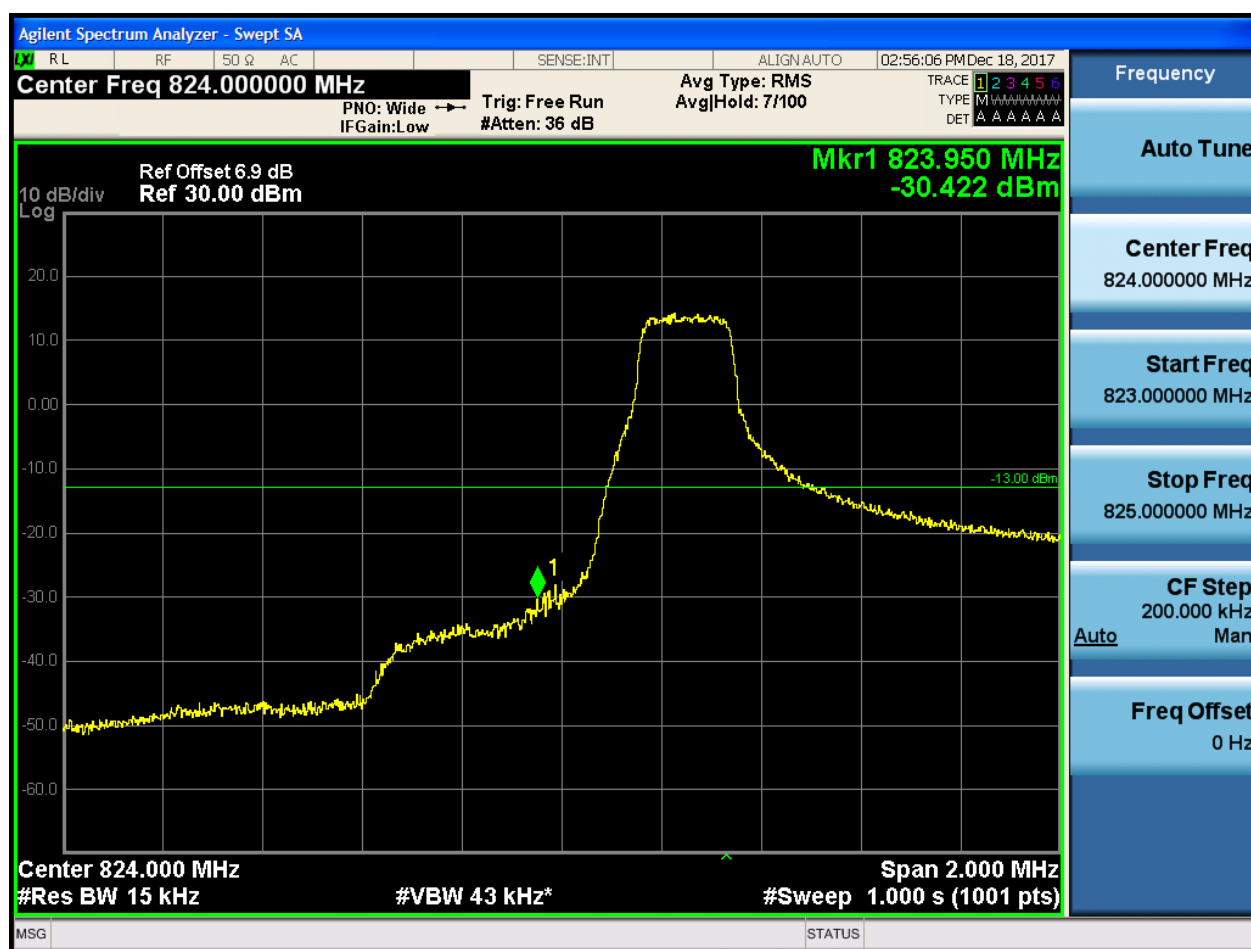
### 5.1.1 Test Band = BAND5

#### 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



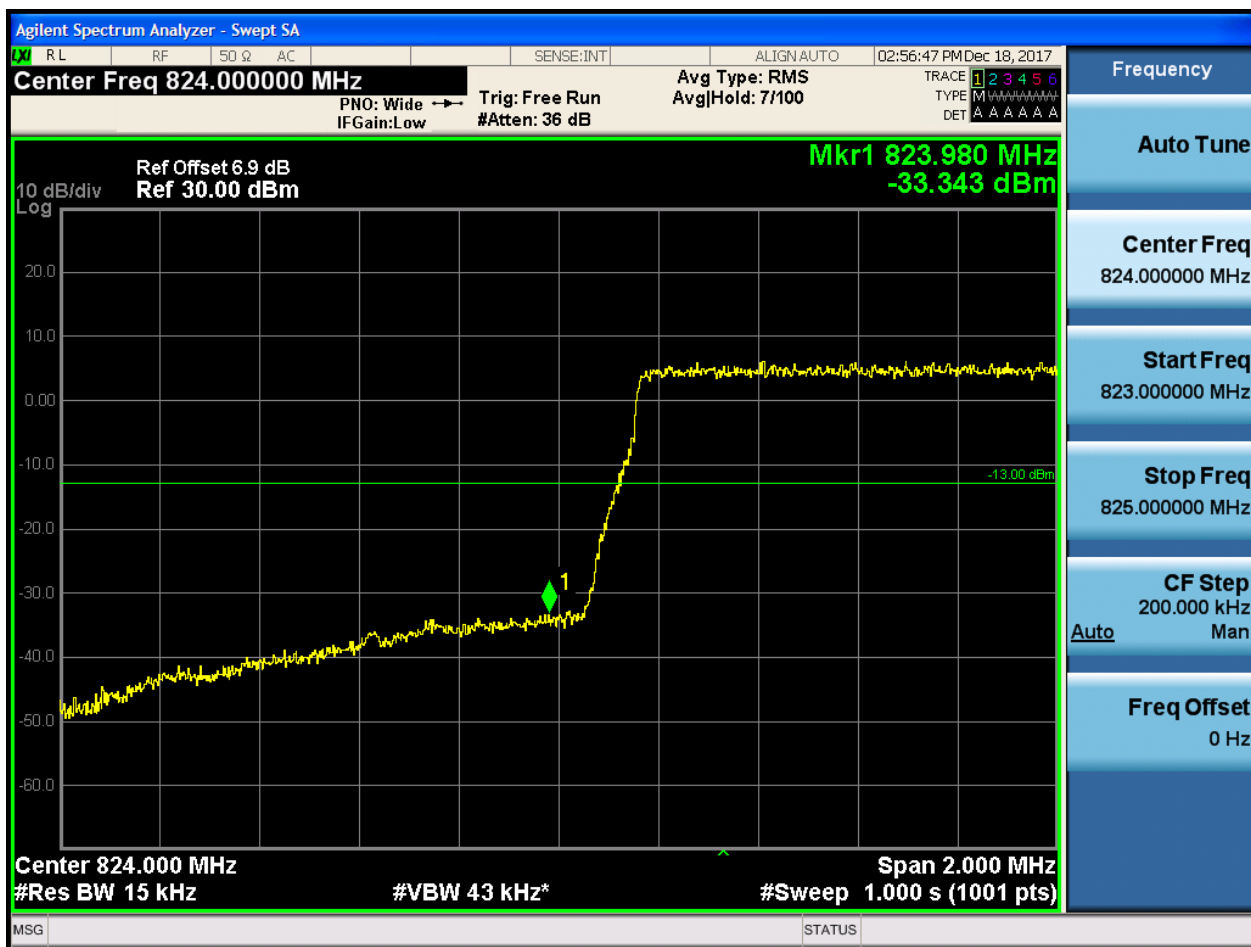


## 5.1.1.1.1.3 Test RB = RB3#2





## 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





## 5.1.1.1.1.2.2 Test RB = RB1#5







Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 02:57:47 PM Dec 18, 2017

Center Freq 849.000000 MHz Avg Type: RMS  
PNO: Wide IF Gain: Low Trig: Free Run #Atten: 36 dB  
TYPE MAAAAA  
DET A A A A A A

10 dB/div Log Ref Offset 6.9 dB Ref 30.00 dBm

Mkr1 849.090 MHz -32.042 dBm

-13.00 dBm

1

Center 849.000 MHz Span 2.000 MHz  
#Res BW 15 kHz #VBW 43 kHz\* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
849.000000 MHz

Start Freq  
848.000000 MHz

Stop Freq  
850.000000 MHz

CF Step  
200.000 kHz  
Auto Man

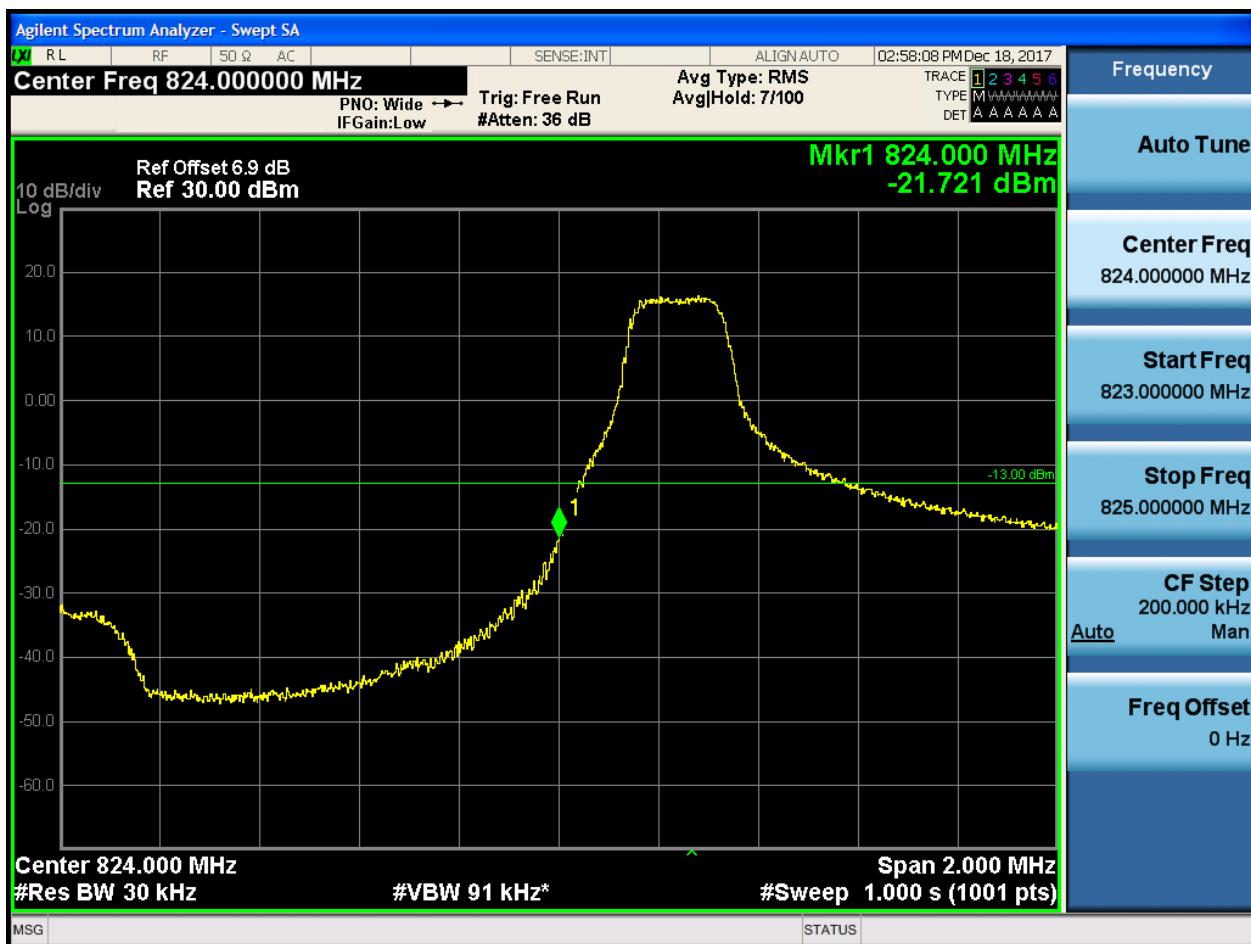
Freq Offset  
0 Hz



## 5.1.1.1.2 Test Bandwidth = 3

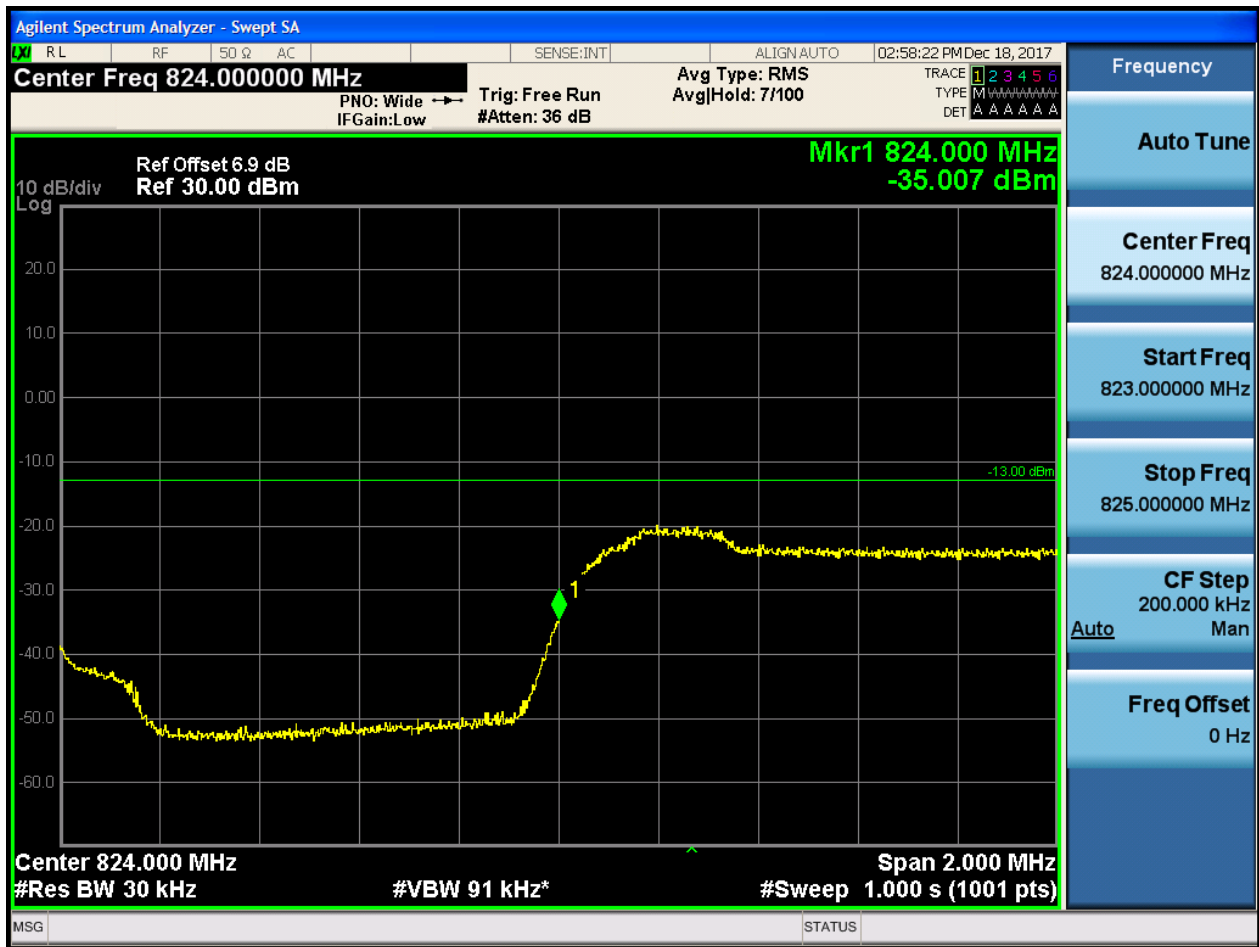
## 5.1.1.1.2.1 Test Channel = LCH

## 5.1.1.1.2.1.1 Test RB = RB1#0



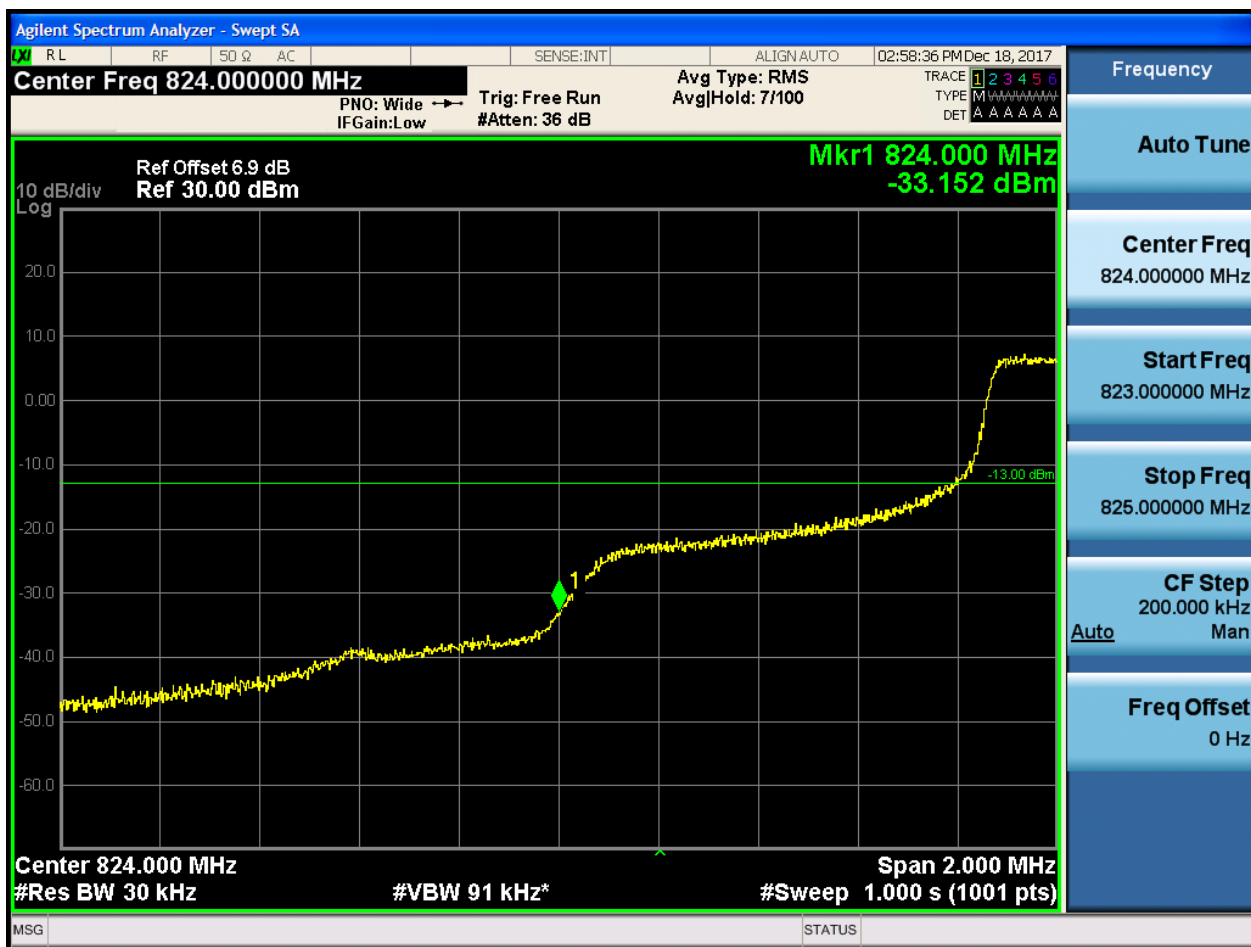


## 5.1.1.1.2.1.2 Test RB = RB1#14



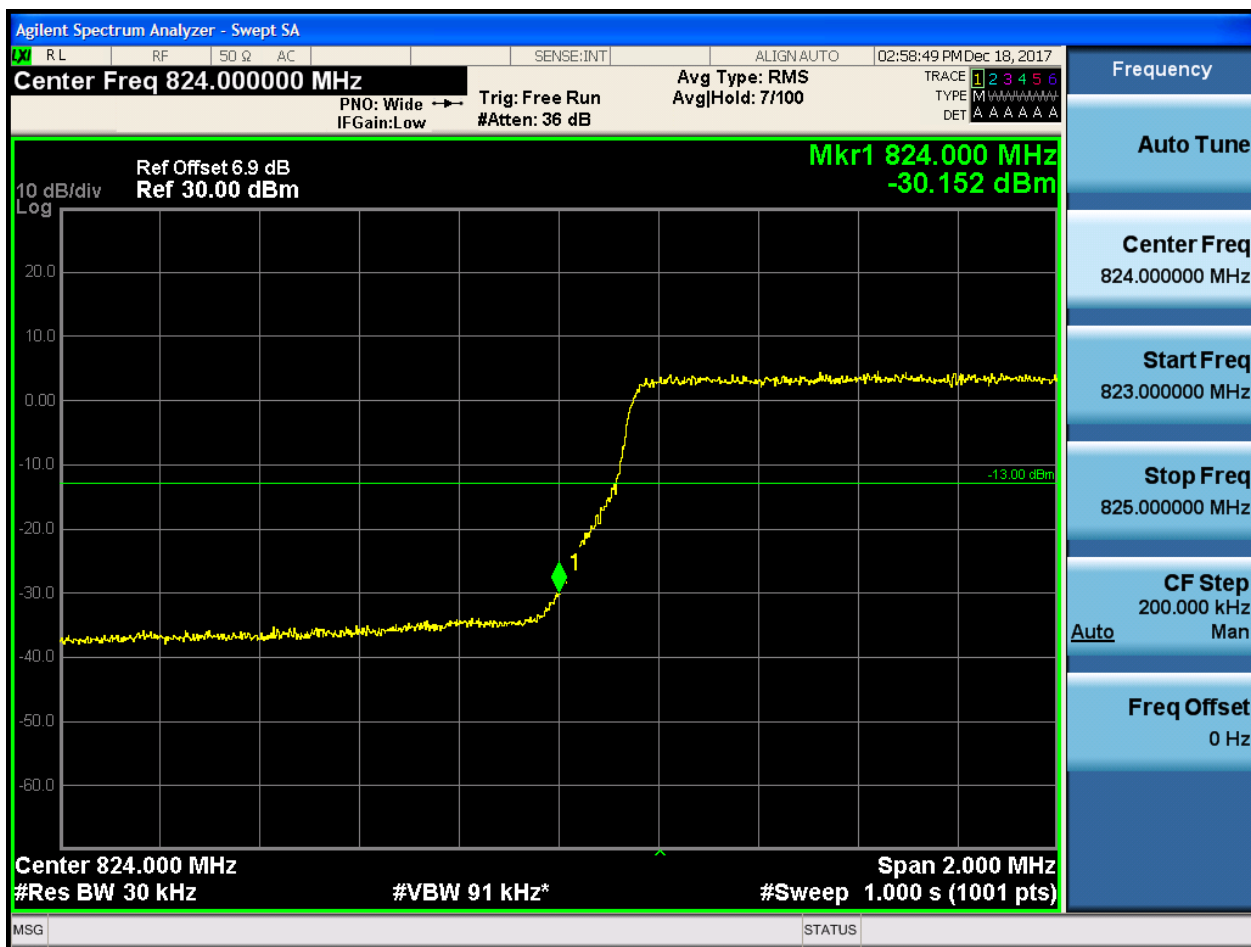


## 5.1.1.1.2.1.3 Test RB = RB8#4





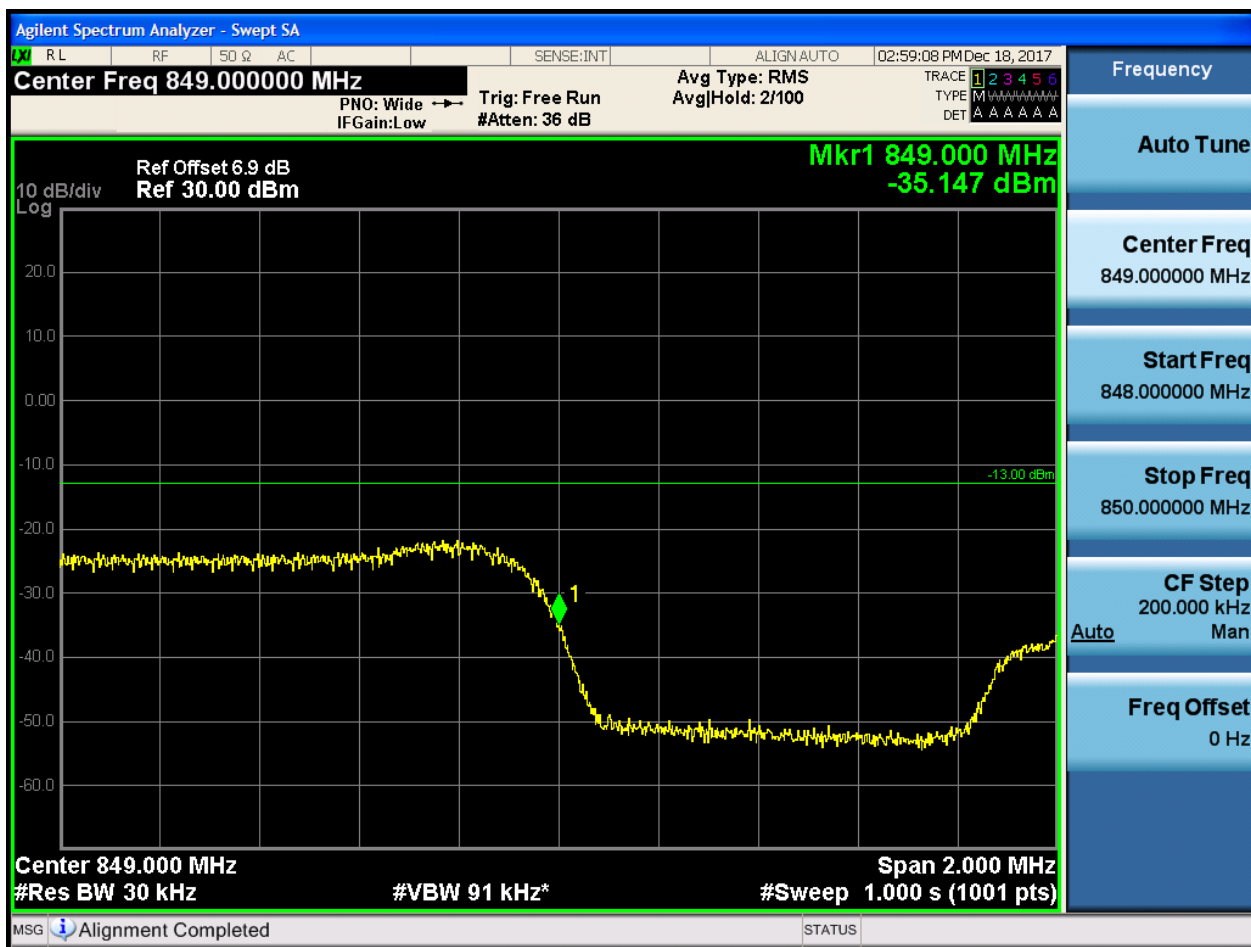
## 5.1.1.1.2.1.4 Test RB = RB15#0





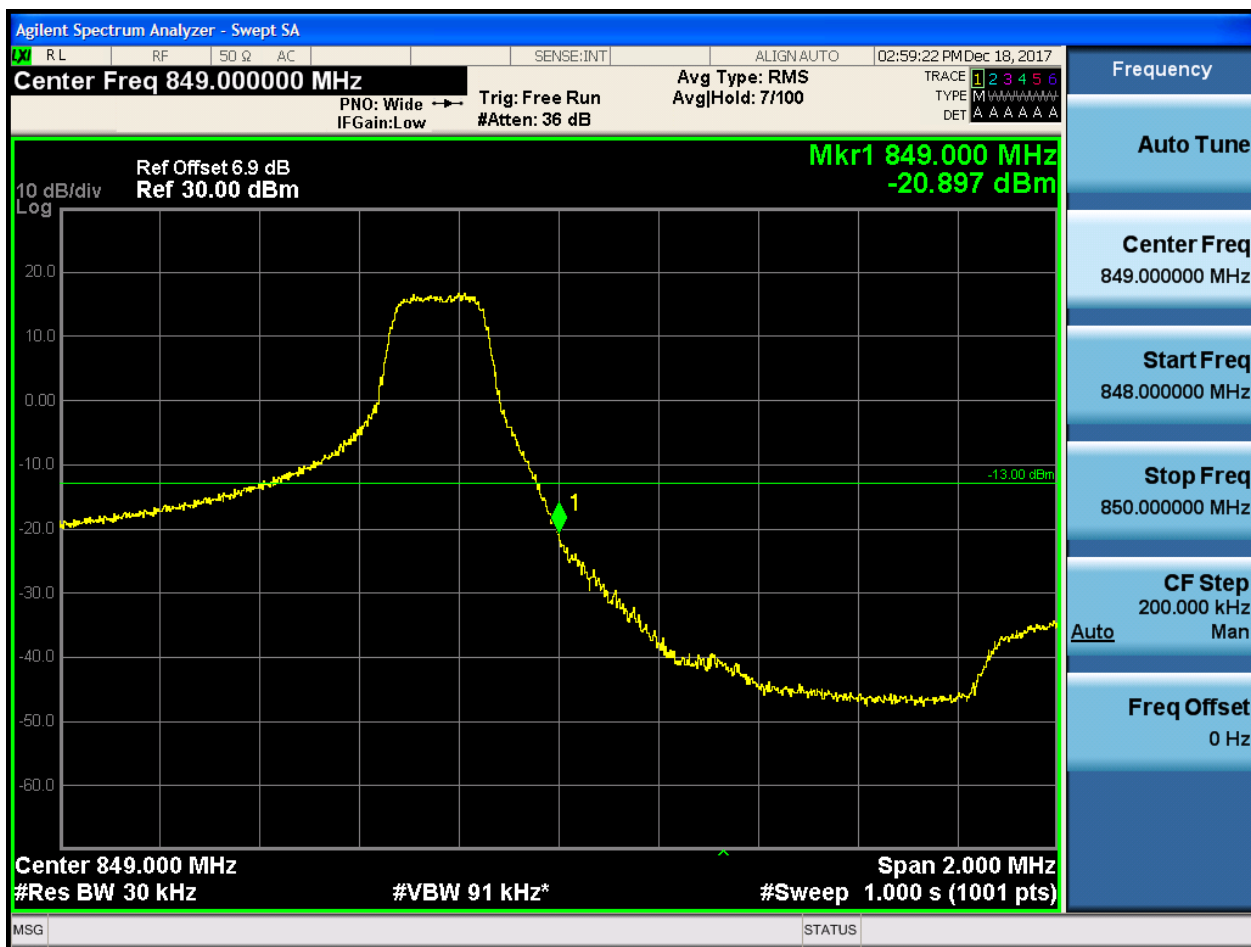
## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0





## 5.1.1.1.2.2.2 Test RB = RB1#14





## 5.1.1.1.2.2.3 Test RB = RB8#4



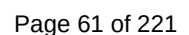


## 5.1.1.1.2.2.4 Test RB = RB15#0

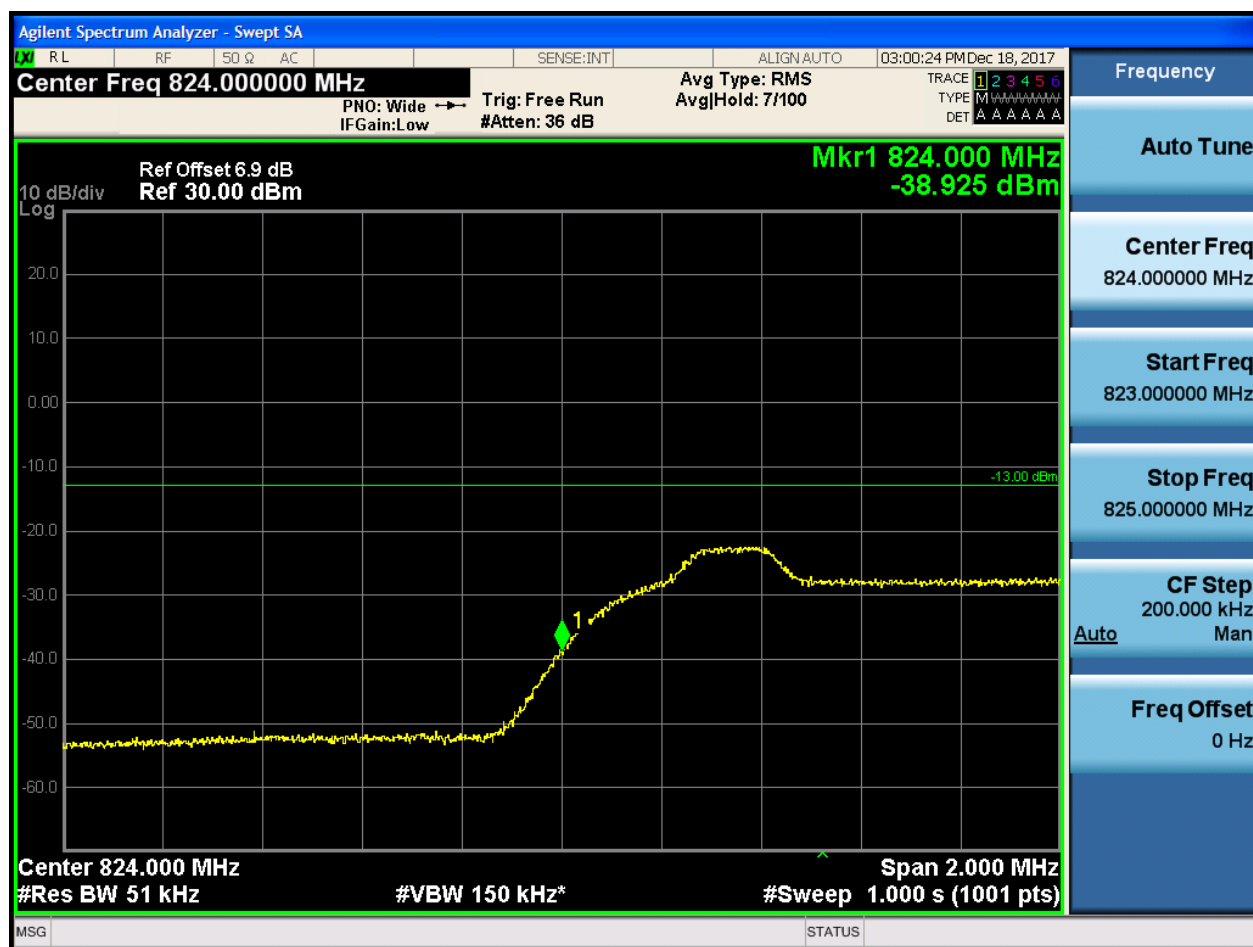




#### 5.1.1.1.3.1.1 Test RB = RB1#0



#### 5.1.1.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 03:00:38 PM Dec 18, 2017

Center Freq 824.000000 MHz Avg Type: RMS  
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7/100  
#Atten: 36 dB

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

Ref Offset 6.9 dB  
Ref 30.00 dBm

Mkr1 824.000 MHz  
-35.115 dBm

10 dB/div  
Log

-13.00 dBm

Center 824.000 MHz  
#Res BW 51 kHz

#VBW 150 kHz\*

Span 2.000 MHz  
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
824.000000 MHz

Start Freq  
823.000000 MHz

Stop Freq  
825.000000 MHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 03:00:52 PM Dec 18, 2017

Center Freq 824.000000 MHz Avg Type: RMS  
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7/100  
#Atten: 36 dB

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

Ref Offset 6.9 dB  
Ref 30.00 dBm

10 dB/div  
Log

Mkr1 823.990 MHz  
-30.289 dBm

-13.00 dBm

Center 824.000 MHz  
#Res BW 51 kHz

#VBW 150 kHz\*

Span 2.000 MHz  
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq  
824.000000 MHz

Start Freq  
823.000000 MHz

Stop Freq  
825.000000 MHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz



## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 03:01:29 PM Dec 18, 2017

Center Freq 849.000000 MHz Avg Type: RMS  
PNO: Wide IFGain:Low Trig: Free Run #Atten: 36 dB  
TYPE MAAAAA  
DET A A A A A

Ref Offset 6.9 dB  
Ref 30.00 dBm

Mkr1 849.000 MHz  
-21.246 dBm

10 dB/div  
Log

Center 849.000 MHz  
#Res BW 51 kHz #VBW 150 kHz\* #Sweep 1.000 s (1001 pts)

Span 2.000 MHz

MSG STATUS

Frequency

Auto Tune

Center Freq  
849.000000 MHz

Start Freq  
848.000000 MHz

Stop Freq  
850.000000 MHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz



Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN AUTO 03:01:45 PM Dec 18, 2017

Center Freq 849.000000 MHz Avg Type: RMS  
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100  
#Atten: 36 dB

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

Ref Offset 6.9 dB  
Ref 30.00 dBm

Mkr1 849.000 MHz  
-34.760 dBm

10 dB/div  
Log

Center 849.000 MHz  
#Res BW 51 kHz #VBW 150 kHz\* Span 2.000 MHz  
#Sweep 1.000 s (1001 pts)

MSG STATUS

| Frequency                          |
|------------------------------------|
| Auto Tune                          |
| Center Freq<br>849.000000 MHz      |
| Start Freq<br>848.000000 MHz       |
| Stop Freq<br>850.000000 MHz        |
| CF Step<br>200.000 kHz<br>Auto Man |
| Freq Offset<br>0 Hz                |



## 5.1.1.1.3.2.4 Test RB = RB25#0

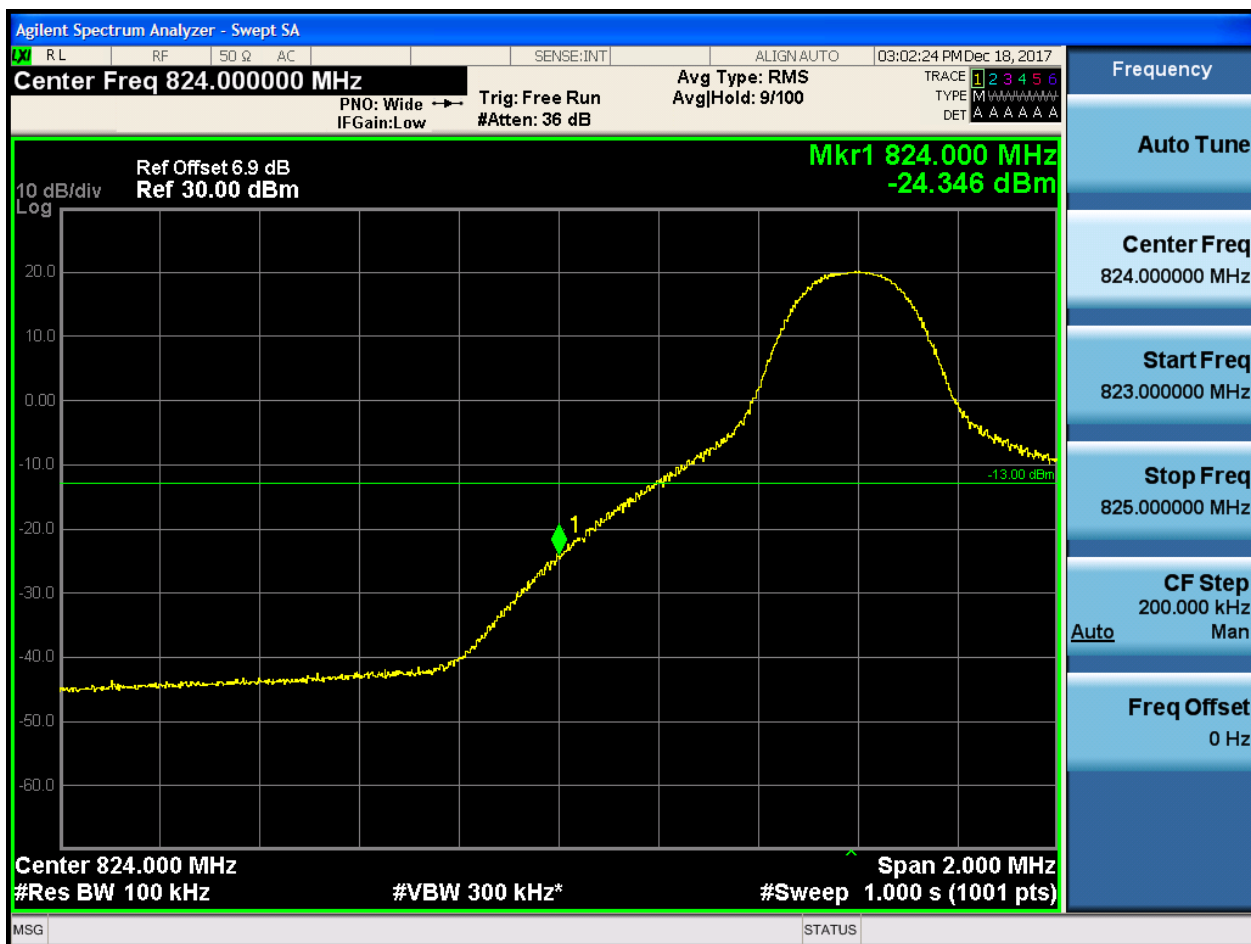




## 5.1.1.1.4 Test Bandwidth = 10

## 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





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 03:03:12 PM Dec 18, 2017

**Center Freq 824.000000 MHz** Avg Type: RMS  
 PNO: Wide IFGain: Low Trig: Free Run AvgHold: 9/100  
 #Atten: 36 dB

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

Ref Offset 6.9 dB  
 Ref 30.00 dBm

**Mkr1 824.000 MHz  
 -32.579 dBm**

10 dB/div  
 Log

Center 824.000 MHz  
 #Res BW 100 kHz  
 #VBW 300 kHz\*  
 Span 2.000 MHz  
 #Sweep 1.000 s (1001 pts)

MSG STATUS

#### 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



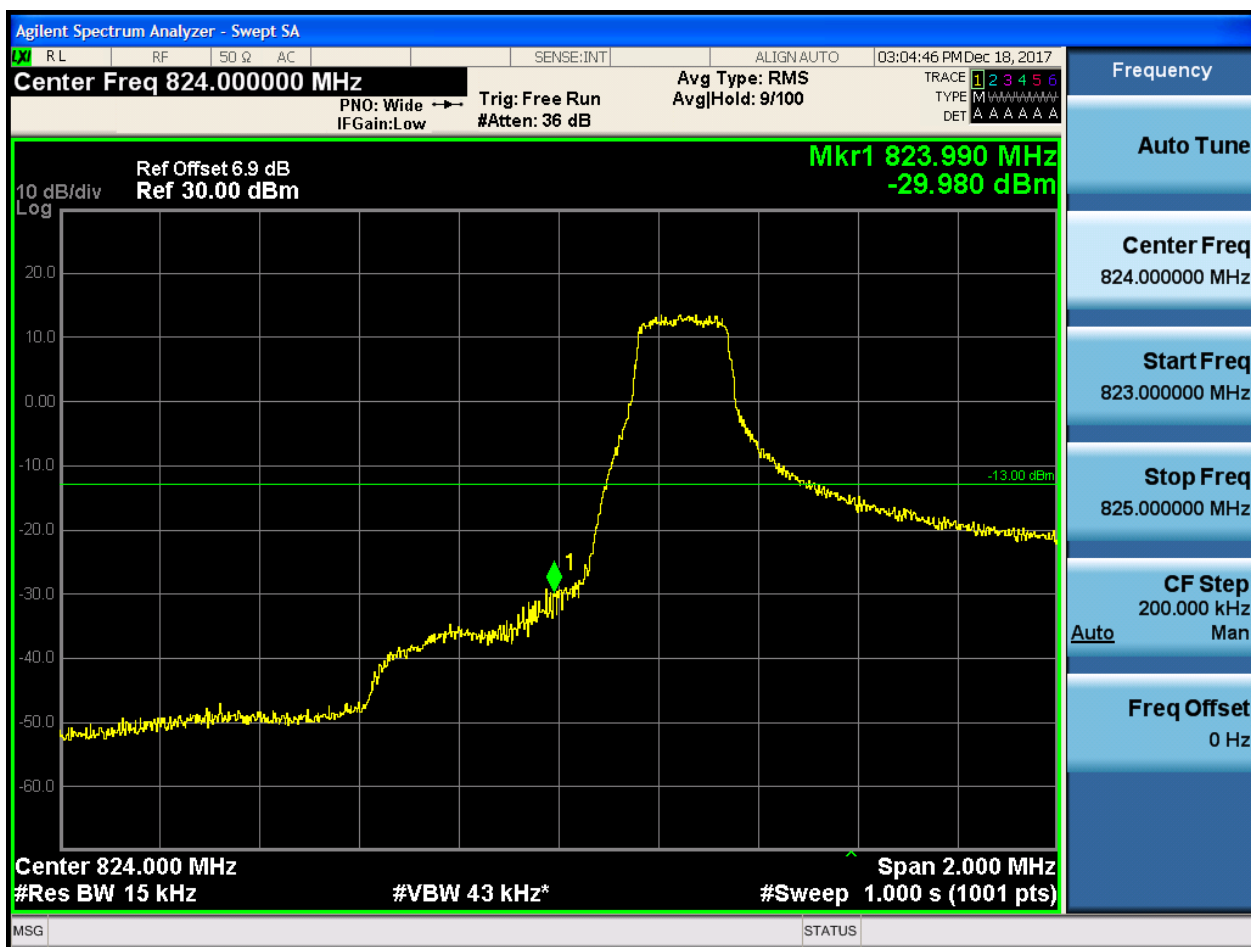


## 5.1.1.2 Test Mode = LTE/TM2

## 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





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 03:05:18 PM Dec 18, 2017

Center Freq 824.000000 MHz Avg Type: RMS  
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100  
#Atten: 36 dB

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

Ref Offset 6.9 dB  
Ref 30.00 dBm

Mkr1 824.000 MHz  
-34.715 dBm

10 dB/div  
Log

Center 824.000 MHz  
#Res BW 15 kHz  
#VBW 43 kHz\*  
Span 2.000 MHz  
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq  
824.000000 MHz

Start Freq  
823.000000 MHz

Stop Freq  
825.000000 MHz

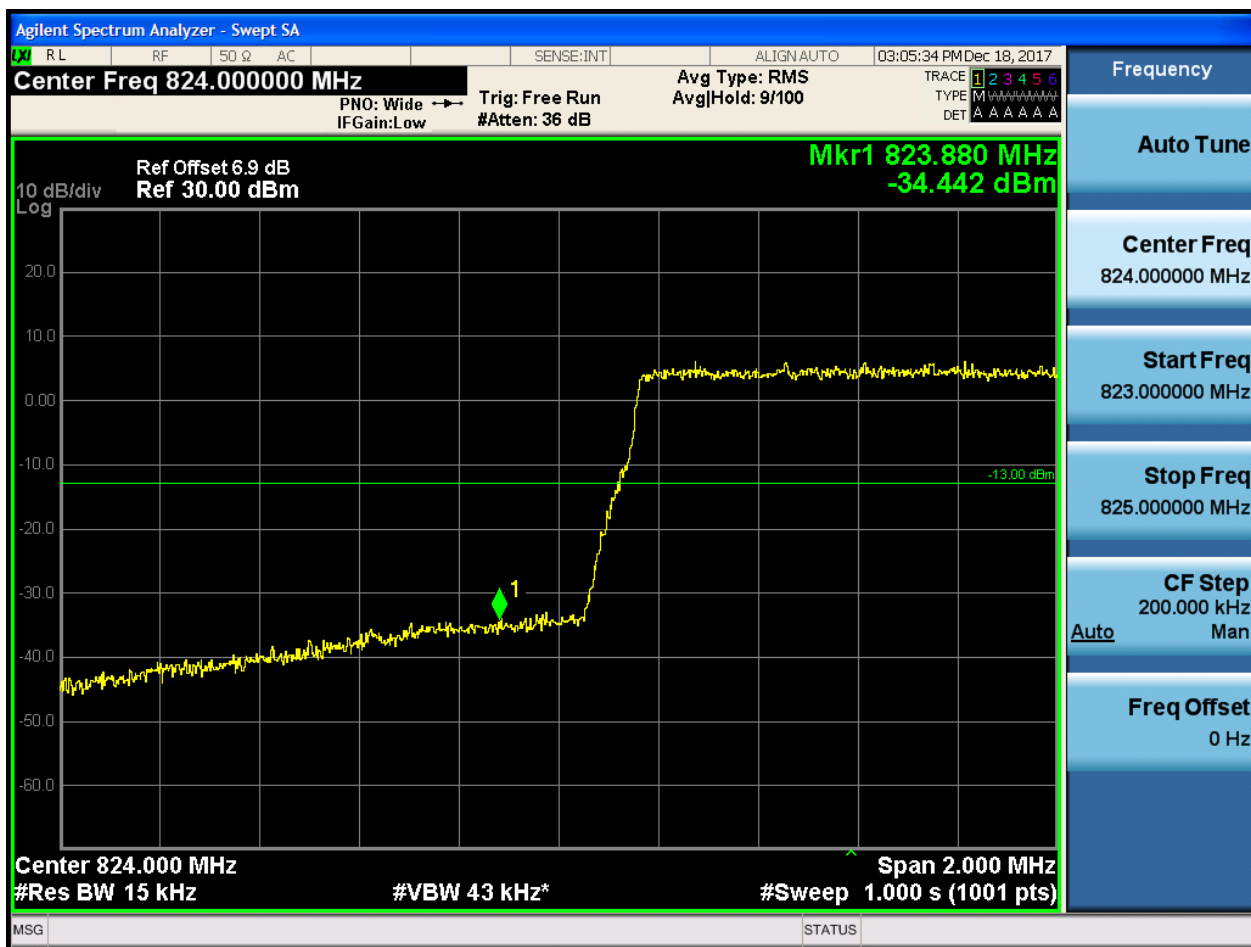
CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

MSG STATUS

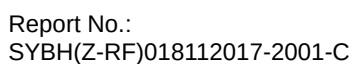


## 5.1.1.2.1.1.4 Test RB = RB6#0





#### 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

