



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 |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| Band7 | LTE/TM1 | 5 | LCH | RB1#0 | 22.09 | 23.72 | 33 | PASS |
| | | | | RB1#13 | 22.05 | 23.68 | 33 | PASS |
| | | | | RB1#24 | 22.05 | 23.68 | 33 | PASS |
| | | | | RB12#0 | 21.14 | 22.77 | 33 | PASS |
| | | | | RB12#6 | 21.11 | 22.74 | 33 | PASS |
| | | | | RB12#13 | 21.10 | 22.73 | 33 | PASS |
| | | | | RB25#0 | 21.07 | 22.70 | 33 | PASS |
| | | | MCH | RB1#0 | 22.33 | 23.96 | 33 | PASS |
| | | | | RB1#13 | 22.33 | 23.96 | 33 | PASS |
| | | | | RB1#24 | 22.18 | 23.81 | 33 | PASS |
| | | | | RB12#0 | 21.31 | 22.94 | 33 | PASS |
| | | | | RB12#6 | 21.27 | 22.90 | 33 | PASS |
| | | | | RB12#13 | 21.25 | 22.88 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB25#0 | 21.27 | 22.90 | 33 | PASS |
| | | | HCH | RB1#0 | 22.00 | 23.63 | 33 | PASS |
| | | | | RB1#13 | 22.22 | 23.85 | 33 | PASS |
| | | | | RB1#24 | 21.93 | 23.56 | 33 | PASS |
| | | | | RB12#0 | 21.27 | 22.90 | 33 | PASS |
| | | | | RB12#6 | 21.19 | 22.82 | 33 | PASS |
| | | | | RB12#13 | 21.26 | 22.89 | 33 | PASS |
| | | | | RB25#0 | 21.24 | 22.87 | 33 | PASS |
| | | 10 | LCH | RB1#0 | 22.16 | 23.79 | 33 | PASS |
| | | | | RB1#25 | 21.69 | 23.32 | 33 | PASS |
| | | | | RB1#49 | 22.22 | 23.85 | 33 | PASS |
| | | | | RB25#0 | 21.18 | 22.81 | 33 | PASS |
| | | | | RB25#13 | 21.21 | 22.84 | 33 | PASS |
| | | | | RB25#25 | 21.18 | 22.81 | 33 | PASS |
| | | | | RB50#0 | 21.17 | 22.80 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | MCH | RB1#0 | 22.35 | 23.98 | 33 | PASS |
| | | | | RB1#25 | 22.07 | 23.70 | 33 | PASS |
| | | | | RB1#49 | 22.25 | 23.88 | 33 | PASS |
| | | | | RB25#0 | 21.36 | 22.99 | 33 | PASS |
| | | | | RB25#13 | 21.35 | 22.98 | 33 | PASS |
| | | | | RB25#25 | 21.22 | 22.85 | 33 | PASS |
| | | | | RB50#0 | 21.32 | 22.95 | 33 | PASS |
| | | | HCH | RB1#0 | 22.41 | 24.04 | 33 | PASS |
| | | | | RB1#25 | 21.93 | 23.56 | 33 | PASS |
| | | | | RB1#49 | 22.09 | 23.72 | 33 | PASS |
| | | | | RB25#0 | 21.13 | 22.76 | 33 | PASS |
| | | | | RB25#13 | 21.08 | 22.71 | 33 | PASS |
| | | | | RB25#25 | 21.29 | 22.92 | 33 | PASS |
| | | | | | 15 | LCH | RB1#0 | 22.21 |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB1#38 | 22.36 | 23.99 | 33 | PASS |
| | | | | RB1#74 | 22.24 | 23.87 | 33 | PASS |
| | | | | RB38#0 | 21.23 | 22.86 | 33 | PASS |
| | | | | RB38#19 | 21.20 | 22.83 | 33 | PASS |
| | | | | RB38#39 | 21.21 | 22.84 | 33 | PASS |
| | | | | RB75#0 | 21.24 | 22.87 | 33 | PASS |
| | | | MCH | RB1#0 | 22.38 | 24.01 | 33 | PASS |
| | | | | RB1#38 | 22.36 | 23.99 | 33 | PASS |
| | | | | RB1#74 | 22.26 | 23.89 | 33 | PASS |
| | | | | RB38#0 | 21.38 | 23.01 | 33 | PASS |
| | | | | RB38#19 | 21.37 | 23.00 | 33 | PASS |
| | | | | RB38#39 | 21.42 | 23.05 | 33 | PASS |
| | | | | RB75#0 | 21.39 | 23.02 | 33 | PASS |
| | | | HCH | RB1#0 | 22.17 | 23.80 | 33 | PASS |
| | | | | RB1#38 | 22.06 | 23.69 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB1#74 | 21.98 | 23.61 | 33 | PASS |
| | | | | RB38#0 | 21.32 | 22.95 | 33 | PASS |
| | | | | RB38#19 | 21.30 | 22.93 | 33 | PASS |
| | | | | RB38#39 | 21.24 | 22.87 | 33 | PASS |
| | | | | RB75#0 | 21.27 | 22.90 | 33 | PASS |
| | | 20 | LCH | RB1#0 | 22.11 | 23.74 | 33 | PASS |
| | | | | RB1#50 | 21.95 | 23.58 | 33 | PASS |
| | | | | RB1#99 | 22.09 | 23.72 | 33 | PASS |
| | | | | RB50#0 | 21.32 | 22.95 | 33 | PASS |
| | | | | RB50#25 | 21.25 | 22.88 | 33 | PASS |
| | | | | RB50#50 | 21.27 | 22.90 | 33 | PASS |
| | | | | RB100#0 | 21.32 | 22.95 | 33 | PASS |
| | | MCH | RB1#0 | 22.20 | 23.83 | 33 | PASS | |
| | | | RB1#50 | 21.97 | 23.60 | 33 | PASS | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB1#99 | 22.06 | 23.69 | 33 | PASS |
| | | | | RB50#0 | 21.41 | 23.04 | 33 | PASS |
| | | | | RB50#25 | 21.34 | 22.97 | 33 | PASS |
| | | | | RB50#50 | 21.40 | 23.03 | 33 | PASS |
| | | | | RB100#0 | 21.39 | 23.02 | 33 | PASS |
| | | | HCH | RB1#0 | 21.99 | 23.62 | 33 | PASS |
| | | | | RB1#50 | 21.76 | 23.39 | 33 | PASS |
| | | | | RB1#99 | 22.13 | 23.76 | 33 | PASS |
| | | | | RB50#0 | 21.35 | 22.98 | 33 | PASS |
| | | | | RB50#25 | 21.27 | 22.90 | 33 | PASS |
| | | | | RB50#50 | 21.30 | 22.93 | 33 | PASS |
| | | | | RB100#0 | 21.34 | 22.97 | 33 | PASS |
| | | | LCH | RB1#0 | 21.26 | 22.89 | 33 | PASS |
| | | | | RB1#13 | 21.26 | 22.89 | 33 | PASS |
| LTE/TM2 | 5 | LCH | RB1#0 | 21.26 | 22.89 | 33 | PASS | |
| | | | RB1#13 | 21.26 | 22.89 | 33 | PASS | |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB1#24 | 21.24 | 22.87 | 33 | PASS |
| | | | | RB12#0 | 20.11 | 21.74 | 33 | PASS |
| | | | | RB12#6 | 20.09 | 21.72 | 33 | PASS |
| | | | | RB12#13 | 19.99 | 21.62 | 33 | PASS |
| | | | | RB25#0 | 20.07 | 21.70 | 33 | PASS |
| | | | MCH | RB1#0 | 21.68 | 23.31 | 33 | PASS |
| | | | | RB1#13 | 21.64 | 23.27 | 33 | PASS |
| | | | | RB1#24 | 21.54 | 23.17 | 33 | PASS |
| | | | | RB12#0 | 20.19 | 21.82 | 33 | PASS |
| | | | | RB12#6 | 20.12 | 21.75 | 33 | PASS |
| | | | | RB12#13 | 20.18 | 21.81 | 33 | PASS |
| | | | | RB25#0 | 20.21 | 21.84 | 33 | PASS |
| | | | HCH | RB1#0 | 21.67 | 23.30 | 33 | PASS |
| | | | | RB1#13 | 21.67 | 23.30 | 33 | PASS |
| | | | | RB1#24 | 21.40 | 23.03 | 33 | PASS |
| | | | | RB12#0 | 20.24 | 21.87 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB12#6 | 20.17 | 21.80 | 33 | PASS |
| | | | | RB12#13 | 20.35 | 21.98 | 33 | PASS |
| | | | | RB25#0 | 20.19 | 21.82 | 33 | PASS |
| | | | LCH | RB1#0 | 21.38 | 23.01 | 33 | PASS |
| | | | | RB1#25 | 21.32 | 22.95 | 33 | PASS |
| | | | | RB1#49 | 21.53 | 23.16 | 33 | PASS |
| | | RB25#0 | | 20.14 | 21.77 | 33 | PASS | |
| | | RB25#13 | | 20.16 | 21.79 | 33 | PASS | |
| | | RB25#25 | | 20.13 | 21.76 | 33 | PASS | |
| | | MCH | RB50#0 | 20.13 | 21.76 | 33 | PASS | |
| | | | RB1#0 | 21.64 | 23.27 | 33 | PASS | |
| | | | RB1#25 | 21.27 | 22.90 | 33 | PASS | |
| | | | RB1#49 | 21.52 | 23.15 | 33 | PASS | |
| | | | RB25#0 | 20.30 | 21.93 | 33 | PASS | |
| | | | | | | RB25#13 | 20.31 | 21.94 |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB25#25 | 20.16 | 21.79 | 33 | PASS |
| | | | | RB50#0 | 20.26 | 21.89 | 33 | PASS |
| | | | HCH | RB1#0 | 21.53 | 23.16 | 33 | PASS |
| | | | | RB1#25 | 20.94 | 22.57 | 33 | PASS |
| | | | | RB1#49 | 21.30 | 22.93 | 33 | PASS |
| | | | | RB25#0 | 20.03 | 21.66 | 33 | PASS |
| | | | | RB25#13 | 20.18 | 21.81 | 33 | PASS |
| | | | | RB25#25 | 20.17 | 21.80 | 33 | PASS |
| | | | | RB50#0 | 20.23 | 21.86 | 33 | PASS |
| | | | | 15 | LCH | RB1#0 | 21.53 | 23.16 |
| | | RB1#38 | 21.67 | | | 23.30 | 33 | PASS |
| | | RB1#74 | 21.49 | | | 23.12 | 33 | PASS |
| | | RB38#0 | 20.20 | | | 21.83 | 33 | PASS |
| | | RB38#19 | 20.16 | | | 21.79 | 33 | PASS |
| RB38#3 | 20.15 | 21.78 | 33 | | | PASS | | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | 9 | | | | |
| | | | | RB75#0 | 20.19 | 21.82 | 33 | PASS |
| | | | MCH | RB1#0 | 21.71 | 23.34 | 33 | PASS |
| | | | | RB1#38 | 21.68 | 23.31 | 33 | PASS |
| | | | | RB1#74 | 21.51 | 23.14 | 33 | PASS |
| | | | | RB38#0 | 20.36 | 21.99 | 33 | PASS |
| | | | | RB38#19 | 20.34 | 21.97 | 33 | PASS |
| | | | | RB38#39 | 20.38 | 22.01 | 33 | PASS |
| | | | | RB75#0 | 20.28 | 21.91 | 33 | PASS |
| | | | | HCH | RB1#0 | 21.46 | 23.09 | 33 |
| | | | RB1#38 | | 21.37 | 23.00 | 33 | PASS |
| | | | RB1#74 | | 21.30 | 22.93 | 33 | PASS |
| | | | RB38#0 | | 20.28 | 21.91 | 33 | PASS |
| | | | RB38#19 | | 20.27 | 21.90 | 33 | PASS |
| | | | RB38#39 | | 20.25 | 21.88 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB75#0 | 20.22 | 21.85 | 33 | PASS |
| | | 20 | LCH | RB1#0 | 21.38 | 23.01 | 33 | PASS |
| | | | | RB1#50 | 21.05 | 22.68 | 33 | PASS |
| | | | | RB1#99 | 21.37 | 23.00 | 33 | PASS |
| | | | | RB50#0 | 20.27 | 21.90 | 33 | PASS |
| | | | | RB50#25 | 20.18 | 21.81 | 33 | PASS |
| | | | | RB50#50 | 20.20 | 21.83 | 33 | PASS |
| | | | | RB100#0 | 20.28 | 21.91 | 33 | PASS |
| | | | | MCH | RB1#0 | 21.63 | 23.26 | 33 |
| | | | RB1#50 | | 21.30 | 22.93 | 33 | PASS |
| | | | RB1#99 | | 21.53 | 23.16 | 33 | PASS |
| | | | RB50#0 | | 20.36 | 21.99 | 33 | PASS |
| | | | RB50#25 | | 20.29 | 21.92 | 33 | PASS |
| | | | RB50#50 | | 20.34 | 21.97 | 33 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB100#0 | 20.34 | 21.97 | 33 | PASS |
| | | | HCH | RB1#0 | 21.56 | 23.19 | 33 | PASS |
| | | | | RB1#50 | 21.27 | 22.90 | 33 | PASS |
| | | | | RB1#99 | 21.57 | 23.20 | 33 | PASS |
| | | | | RB50#0 | 20.24 | 21.87 | 33 | PASS |
| | | | | RB50#25 | 20.20 | 21.83 | 33 | PASS |
| | | | | RB50#50 | 20.22 | 21.85 | 33 | PASS |
| | | | | RB100#0 | 20.23 | 21.86 | 33 | PASS |

Note1:

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

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

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

b, SGP = Signal Generator Level

Note2:

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

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

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

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 |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| Band7 | LTE/TM1 | 5 | LCH | RB1#0 | 5.28 | 13 | PASS |
| | | | | RB1#13 | 5.12 | 13 | PASS |
| | | | | RB1#24 | 5.20 | 13 | PASS |
| | | | | RB12#0 | 5.67 | 13 | PASS |
| | | | | RB12#6 | 5.38 | 13 | PASS |
| | | | | RB12#13 | 5.60 | 13 | PASS |
| | | | RB25#0 | 6.00 | 13 | PASS | |
| | | | MCH | RB1#0 | 5.04 | 13 | PASS |
| | | | | RB1#13 | 5.06 | 13 | PASS |
| | | | | RB1#24 | 5.12 | 13 | PASS |
| | | | | RB12#0 | 6.00 | 13 | PASS |
| | | | | RB12#6 | 6.07 | 13 | PASS |
| | | RB12#13 | | 5.99 | 13 | PASS | |
| | | RB25#0 | 5.93 | 13 | PASS | | |
| | | HCH | RB1#0 | 5.00 | 13 | PASS | |
| | | | RB1#13 | 4.81 | 13 | PASS | |
| | | | RB1#24 | 4.59 | 13 | PASS | |
| | | | RB12#0 | 5.86 | 13 | PASS | |
| | | | RB12#6 | 5.76 | 13 | PASS | |
| | | | RB12#13 | 5.54 | 13 | PASS | |
| | | RB25#0 | 6.08 | 13 | PASS | | |
| | | 10 | LCH | RB1#0 | 5.07 | 13 | PASS |
| | | | | RB1#25 | 5.16 | 13 | PASS |
| | | | | RB1#49 | 5.21 | 13 | PASS |
| RB25#0 | 6.04 | | | 13 | PASS | | |
| RB25#13 | 6.10 | | | 13 | PASS | | |
| RB25#25 | 6.16 | | | 13 | PASS | | |
| RB50#0 | 6.09 | | 13 | PASS | | | |
| MCH | RB1#0 | | 5.41 | 13 | PASS | | |
| | RB1#25 | | 5.44 | 13 | PASS | | |
| | RB1#49 | | 5.38 | 13 | PASS | | |
| | RB25#0 | | 6.17 | 13 | PASS | | |
| | RB25#13 | | 6.21 | 13 | PASS | | |
| | RB25#25 | 6.09 | 13 | PASS | | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict | |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|------|
| | | | HCH | RB50#0 | 6.28 | 13 | PASS | |
| | | | | RB1#0 | 4.90 | 13 | PASS | |
| | | | | RB1#25 | 4.89 | 13 | PASS | |
| | | | | RB1#49 | 4.23 | 13 | PASS | |
| | | | | RB25#0 | 5.82 | 13 | PASS | |
| | | | | RB25#13 | 6.02 | 13 | PASS | |
| | | | | RB25#25 | 5.76 | 13 | PASS | |
| | | | | RB50#0 | 6.23 | 13 | PASS | |
| | | 15 | LCH | | RB1#0 | 5.10 | 13 | PASS |
| | | | | | RB1#38 | 5.15 | 13 | PASS |
| | | | | | RB1#74 | 5.32 | 13 | PASS |
| | | | | | RB38#0 | 6.13 | 13 | PASS |
| | | | | | RB38#19 | 6.45 | 13 | PASS |
| | | | | | RB38#39 | 6.55 | 13 | PASS |
| | | | | | RB75#0 | 6.07 | 13 | PASS |
| | | | MCH | RB1#0 | 5.21 | 13 | PASS | |
| | | | | RB1#38 | 5.08 | 13 | PASS | |
| | | | | RB1#74 | 5.15 | 13 | PASS | |
| | | | | RB38#0 | 6.51 | 13 | PASS | |
| | | | | RB38#19 | 6.48 | 13 | PASS | |
| | | | | RB38#39 | 6.34 | 13 | PASS | |
| | | | HCH | RB1#0 | 5.10 | 13 | PASS | |
| | | | | RB1#38 | 5.17 | 13 | PASS | |
| | | | | RB1#74 | 4.63 | 13 | PASS | |
| | | RB38#0 | | 6.46 | 13 | PASS | | |
| | | RB38#19 | | 6.39 | 13 | PASS | | |
| | | RB38#39 | | 6.23 | 13 | PASS | | |
| | | RB75#0 | | 6.34 | 13 | PASS | | |
| | | 20 | LCH | | RB1#0 | 5.16 | 13 | PASS |
| | | | | | RB1#50 | 5.17 | 13 | PASS |
| | | | | | RB1#99 | 5.35 | 13 | PASS |
| | | | | | RB50#0 | 6.03 | 13 | PASS |
| RB50#25 | 6.35 | | | | 13 | PASS | | |
| RB50#50 | 6.50 | | | | 13 | PASS | | |
| RB100#0 | 5.99 | | | | 13 | PASS | | |
| MCH | RB1#0 | | 4.89 | 13 | PASS | | | |
| | RB1#50 | | 5.14 | 13 | PASS | | | |
| | RB1#99 | | 5.26 | 13 | PASS | | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB50#0 | 6.17 | 13 | PASS |
| | | | | RB50#25 | 6.19 | 13 | PASS |
| | | | | RB50#50 | 6.07 | 13 | PASS |
| | | | | RB100#0 | 6.03 | 13 | PASS |
| | | | HCH | RB1#0 | 4.90 | 13 | PASS |
| | | | | RB1#50 | 4.94 | 13 | PASS |
| | | | | RB1#99 | 4.52 | 13 | PASS |
| | | | | RB50#0 | 6.41 | 13 | PASS |
| | | | | RB50#25 | 6.38 | 13 | PASS |
| | | | | RB50#50 | 6.30 | 13 | PASS |
| | | | RB100#0 | 6.07 | 13 | PASS | |
| | | | LCH | RB1#0 | 6.15 | 13 | PASS |
| | | | | RB1#13 | 6.03 | 13 | PASS |
| | | | | RB1#24 | 6.16 | 13 | PASS |
| | RB12#0 | 6.78 | | 13 | PASS | | |
| | RB12#6 | 6.45 | | 13 | PASS | | |
| | RB12#13 | 7.02 | | 13 | PASS | | |
| | RB25#0 | 6.95 | | 13 | PASS | | |
| | MCH | RB1#0 | | 6.07 | 13 | PASS | |
| | | RB1#13 | | 6.19 | 13 | PASS | |
| | | RB1#24 | | 6.16 | 13 | PASS | |
| | | RB12#0 | | 7.06 | 13 | PASS | |
| | | RB12#6 | | 6.70 | 13 | PASS | |
| | | RB12#13 | | 6.95 | 13 | PASS | |
| | | RB25#0 | | 6.99 | 13 | PASS | |
| | HCH | RB1#0 | | 5.90 | 13 | PASS | |
| | | RB1#13 | | 5.68 | 13 | PASS | |
| | | RB1#24 | 5.41 | 13 | PASS | | |
| | | RB12#0 | 6.84 | 13 | PASS | | |
| | | RB12#6 | 6.77 | 13 | PASS | | |
| RB12#13 | | 6.70 | 13 | PASS | | | |
| RB25#0 | | 6.96 | 13 | PASS | | | |
| LCH | RB1#0 | 5.60 | 13 | PASS | | | |
| | RB1#25 | 5.96 | 13 | PASS | | | |
| | RB1#49 | 5.81 | 13 | PASS | | | |
| | RB25#0 | 6.74 | 13 | PASS | | | |
| | RB25#13 | 6.79 | 13 | PASS | | | |
| | RB25#25 | 6.83 | 13 | PASS | | | |
| | RB50#0 | 6.94 | 13 | PASS | | | |
| LTE/TM1 | | 5 | | RB1#0 | 6.15 | 13 | PASS |
| | | | | RB1#13 | 6.03 | 13 | PASS |
| | | | | RB1#24 | 6.16 | 13 | PASS |
| | | | | RB12#0 | 6.78 | 13 | PASS |
| | | | | RB12#6 | 6.45 | 13 | PASS |
| | | | | RB12#13 | 7.02 | 13 | PASS |
| | | | | RB25#0 | 6.95 | 13 | PASS |
| | | MCH | RB1#0 | 6.07 | 13 | PASS | |
| | | | RB1#13 | 6.19 | 13 | PASS | |
| | | | RB1#24 | 6.16 | 13 | PASS | |
| | | | RB12#0 | 7.06 | 13 | PASS | |
| | | | RB12#6 | 6.70 | 13 | PASS | |
| | | | RB12#13 | 6.95 | 13 | PASS | |
| | | | RB25#0 | 6.99 | 13 | PASS | |
| HCH | RB1#0 | 5.90 | 13 | PASS | | | |
| | RB1#13 | 5.68 | 13 | PASS | | | |
| | RB1#24 | 5.41 | 13 | PASS | | | |
| | RB12#0 | 6.84 | 13 | PASS | | | |
| | RB12#6 | 6.77 | 13 | PASS | | | |
| | RB12#13 | 6.70 | 13 | PASS | | | |
| | RB25#0 | 6.96 | 13 | PASS | | | |
| 10 | | | LCH | RB1#0 | 5.60 | 13 | PASS |
| | | | | RB1#25 | 5.96 | 13 | PASS |
| | | | | RB1#49 | 5.81 | 13 | PASS |
| | | | | RB25#0 | 6.74 | 13 | PASS |
| | | | | RB25#13 | 6.79 | 13 | PASS |
| | | | | RB25#25 | 6.83 | 13 | PASS |
| | | | | RB50#0 | 6.94 | 13 | PASS |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | MCH | RB1#0 | 6.30 | 13 | PASS |
| | | | | RB1#25 | 6.26 | 13 | PASS |
| | | | | RB1#49 | 6.35 | 13 | PASS |
| | | | | RB25#0 | 7.15 | 13 | PASS |
| | | | | RB25#13 | 7.04 | 13 | PASS |
| | | | | RB25#25 | 6.93 | 13 | PASS |
| | | | | RB50#0 | 7.24 | 13 | PASS |
| | | | HCH | RB1#0 | 5.87 | 13 | PASS |
| | | | | RB1#25 | 5.69 | 13 | PASS |
| | | | | RB1#49 | 5.54 | 13 | PASS |
| | | | | RB25#0 | 7.26 | 13 | PASS |
| | | | | RB25#13 | 6.92 | 13 | PASS |
| | | | | RB25#25 | 6.98 | 13 | PASS |
| | | | | RB50#0 | 7.16 | 13 | PASS |
| | | 15 | LCH | RB1#0 | 5.55 | 13 | PASS |
| | | | | RB1#38 | 5.76 | 13 | PASS |
| | | | | RB1#74 | 6.05 | 13 | PASS |
| | | | | RB38#0 | 7.08 | 13 | PASS |
| | | | | RB38#19 | 7.34 | 13 | PASS |
| | | | | RB38#39 | 7.42 | 13 | PASS |
| | | | | RB75#0 | 7.17 | 13 | PASS |
| | | | MCH | RB1#0 | 6.26 | 13 | PASS |
| | | | | RB1#38 | 6.31 | 13 | PASS |
| | | | | RB1#74 | 6.34 | 13 | PASS |
| | | | | RB38#0 | 7.19 | 13 | PASS |
| | | | | RB38#19 | 7.22 | 13 | PASS |
| | | | | RB38#39 | 7.21 | 13 | PASS |
| | | | | RB75#0 | 7.22 | 13 | PASS |
| | | | HCH | RB1#0 | 6.39 | 13 | PASS |
| | | | | RB1#38 | 6.39 | 13 | PASS |
| | | | | RB1#74 | 5.72 | 13 | PASS |
| | | | | RB38#0 | 7.42 | 13 | PASS |
| RB38#19 | 7.43 | 13 | | PASS | | | |
| RB38#39 | 7.20 | 13 | | PASS | | | |
| RB75#0 | 7.39 | 13 | | PASS | | | |
| 20 | LCH | RB1#0 | 5.99 | 13 | PASS | | |
| | | RB1#50 | 6.10 | 13 | PASS | | |
| | | RB1#99 | 6.25 | 13 | PASS | | |
| | | RB50#0 | 6.96 | 13 | PASS | | |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict | | | |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|------|----|------|
| | | | | RB50#25 | 7.28 | 13 | PASS | | | |
| | | | | RB50#50 | 7.32 | 13 | PASS | | | |
| | | | | RB100#0 | 6.99 | 13 | PASS | | | |
| | | | MCH | RB1#0 | 5.53 | 13 | PASS | | | |
| | | | | RB1#50 | 5.48 | 13 | PASS | | | |
| | | | | RB1#99 | 5.60 | 13 | PASS | | | |
| | | | | RB50#0 | 7.41 | 13 | PASS | | | |
| | | | | RB50#25 | 7.39 | 13 | PASS | | | |
| | | | | RB50#50 | 7.37 | 13 | PASS | | | |
| | | | | RB100#0 | 7.09 | 13 | PASS | | | |
| | | | HCH | RB1#0 | 5.99 | 13 | PASS | | | |
| | | | | RB1#50 | 6.24 | 13 | PASS | | | |
| | | | | RB1#99 | 5.67 | 13 | PASS | | | |
| | | | | RB50#0 | 7.45 | 13 | PASS | | | |
| | | | | RB50#25 | 7.41 | 13 | PASS | | | |
| | | | | RB50#50 | 7.32 | 13 | PASS | | | |
| | | | | | | | RB100#0 | 7.07 | 13 | PASS |

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

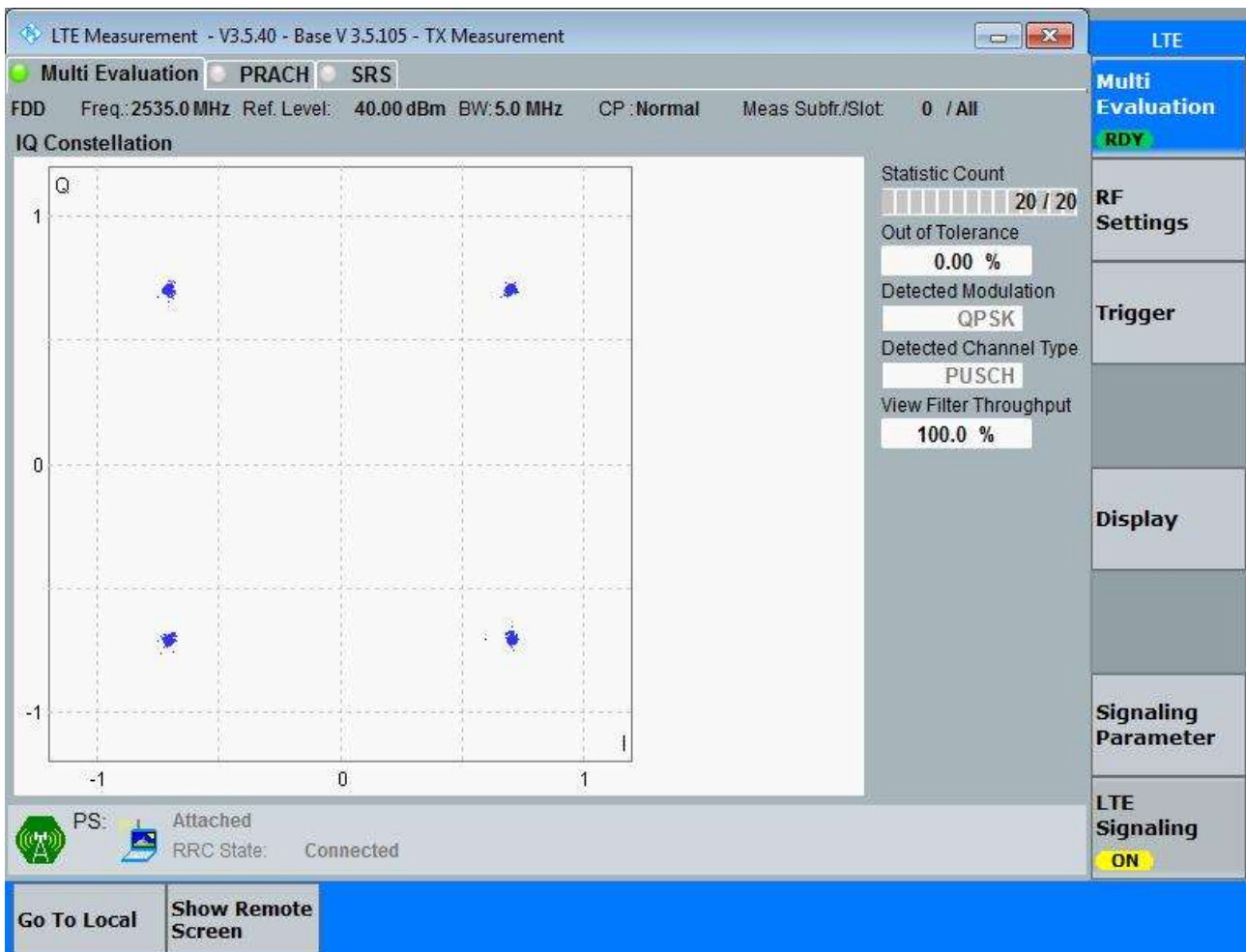
3.1.1 Test Band = Band7

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

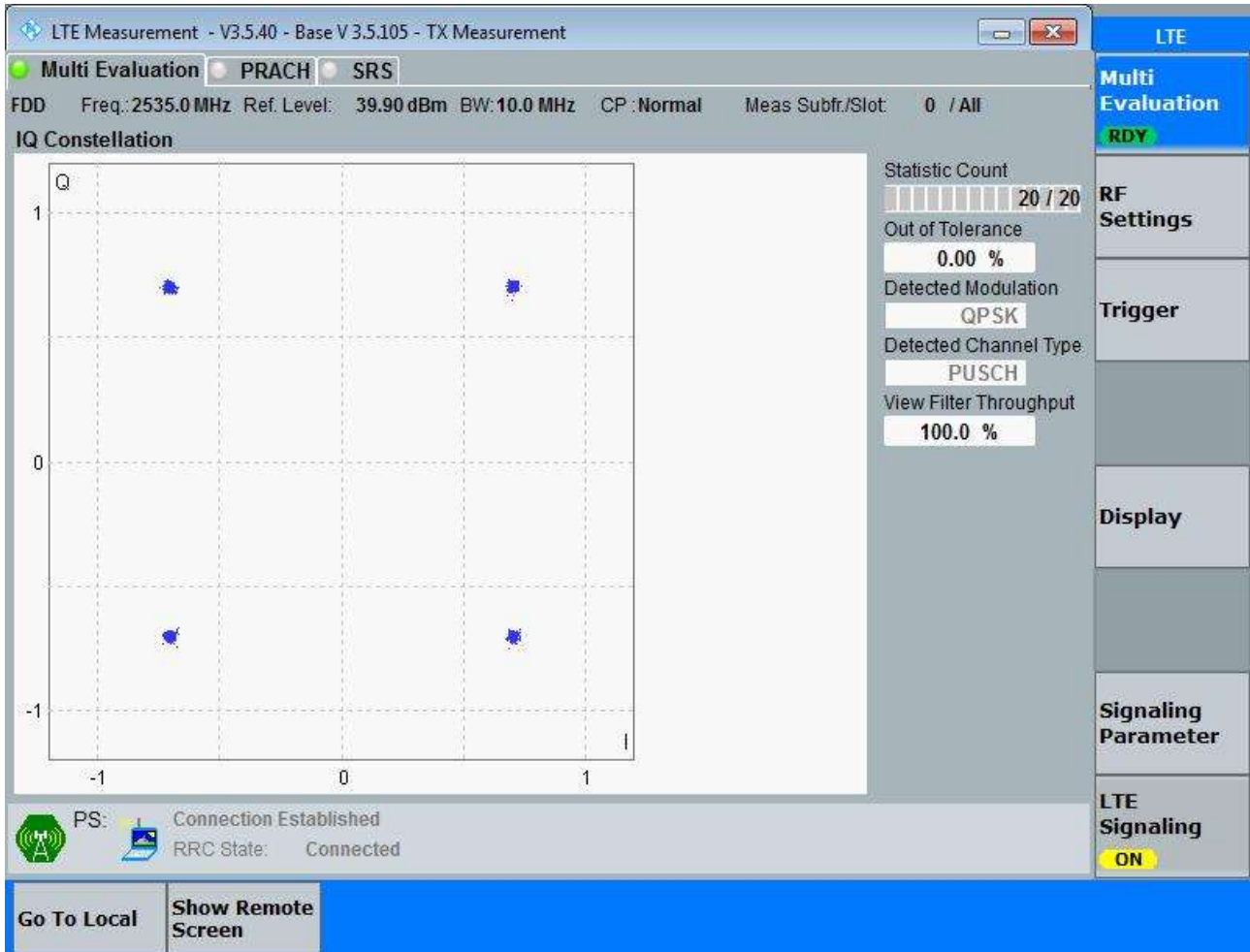
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

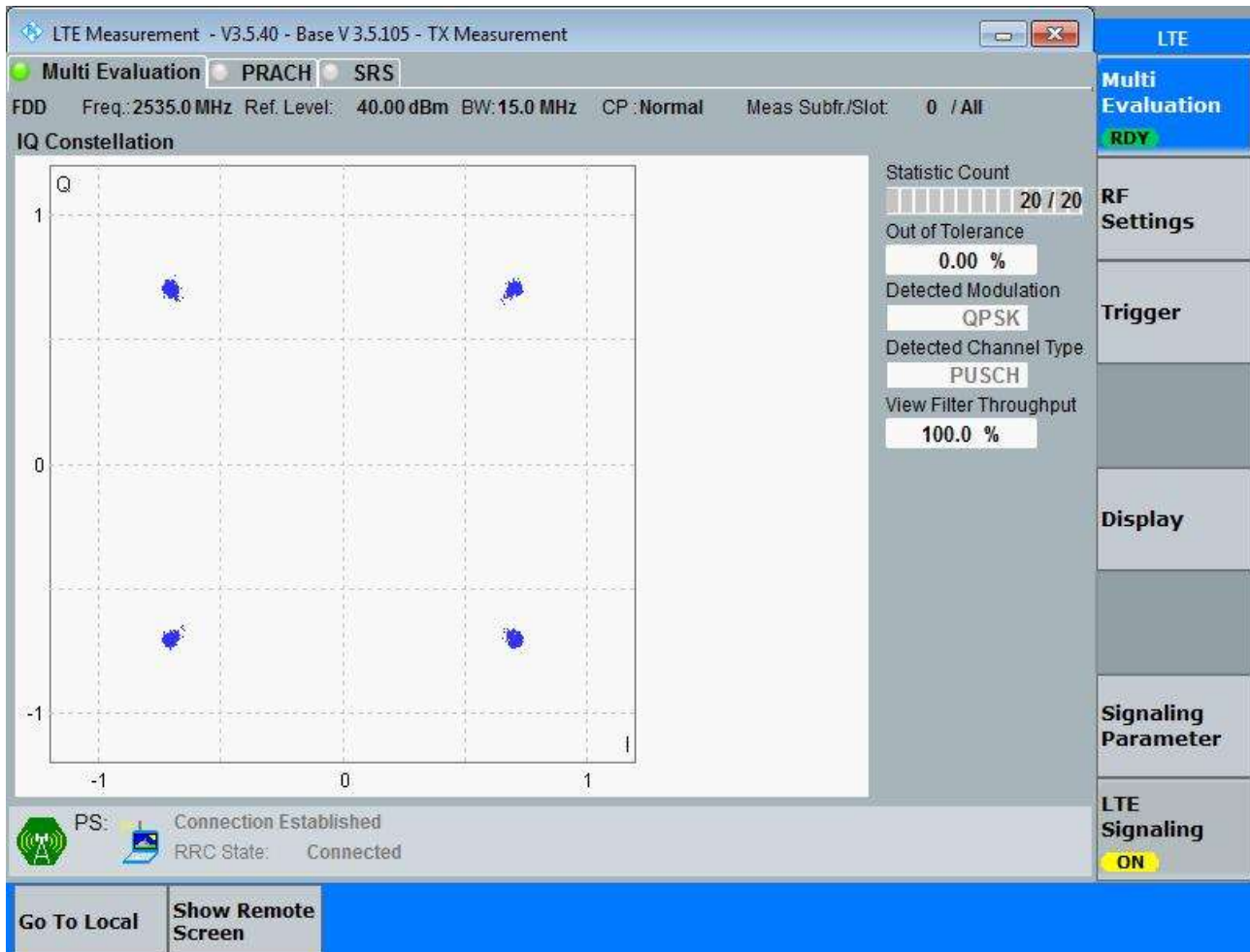
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

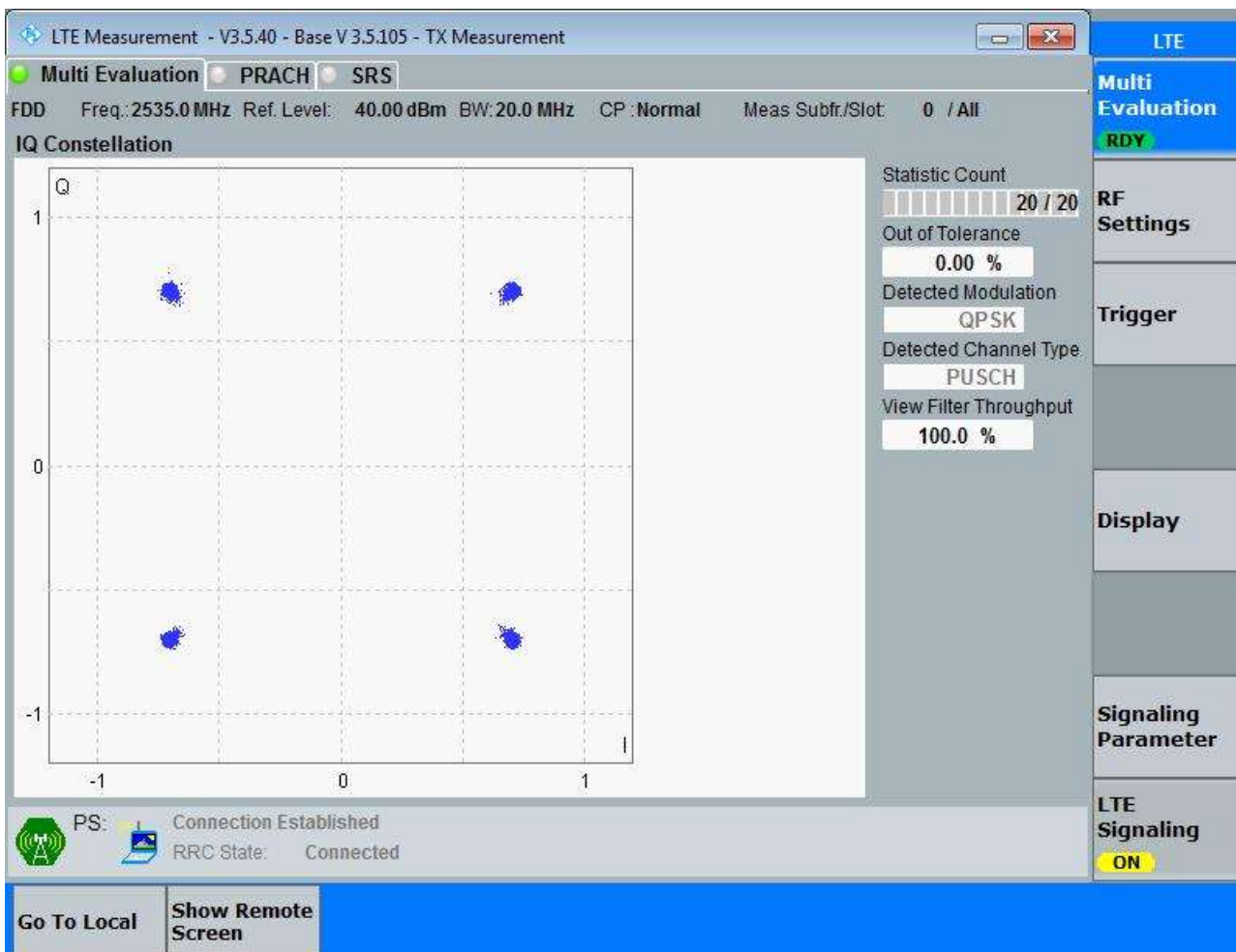
3.1.1.1.3.1.1 Test RB = RB75#0



3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0

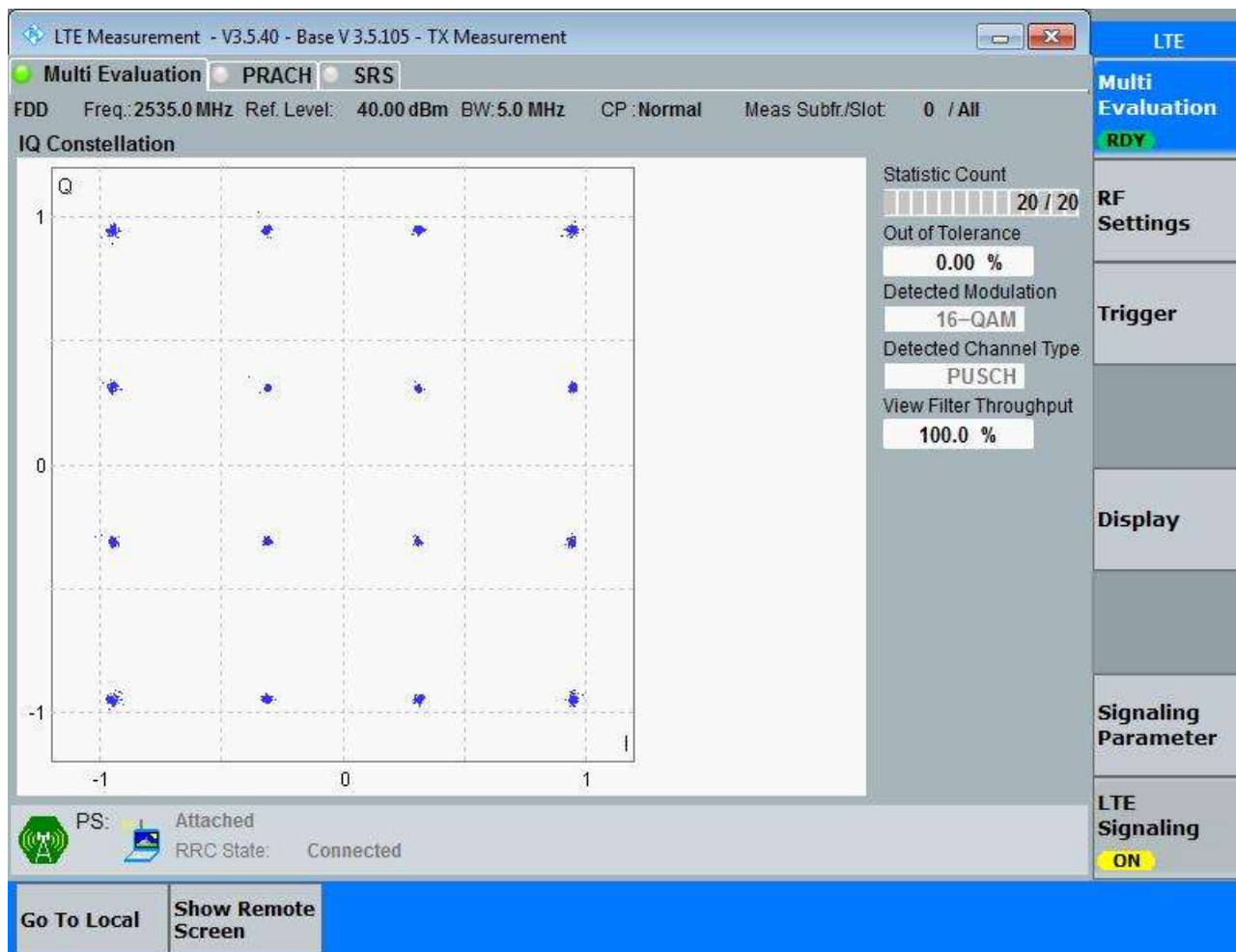


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

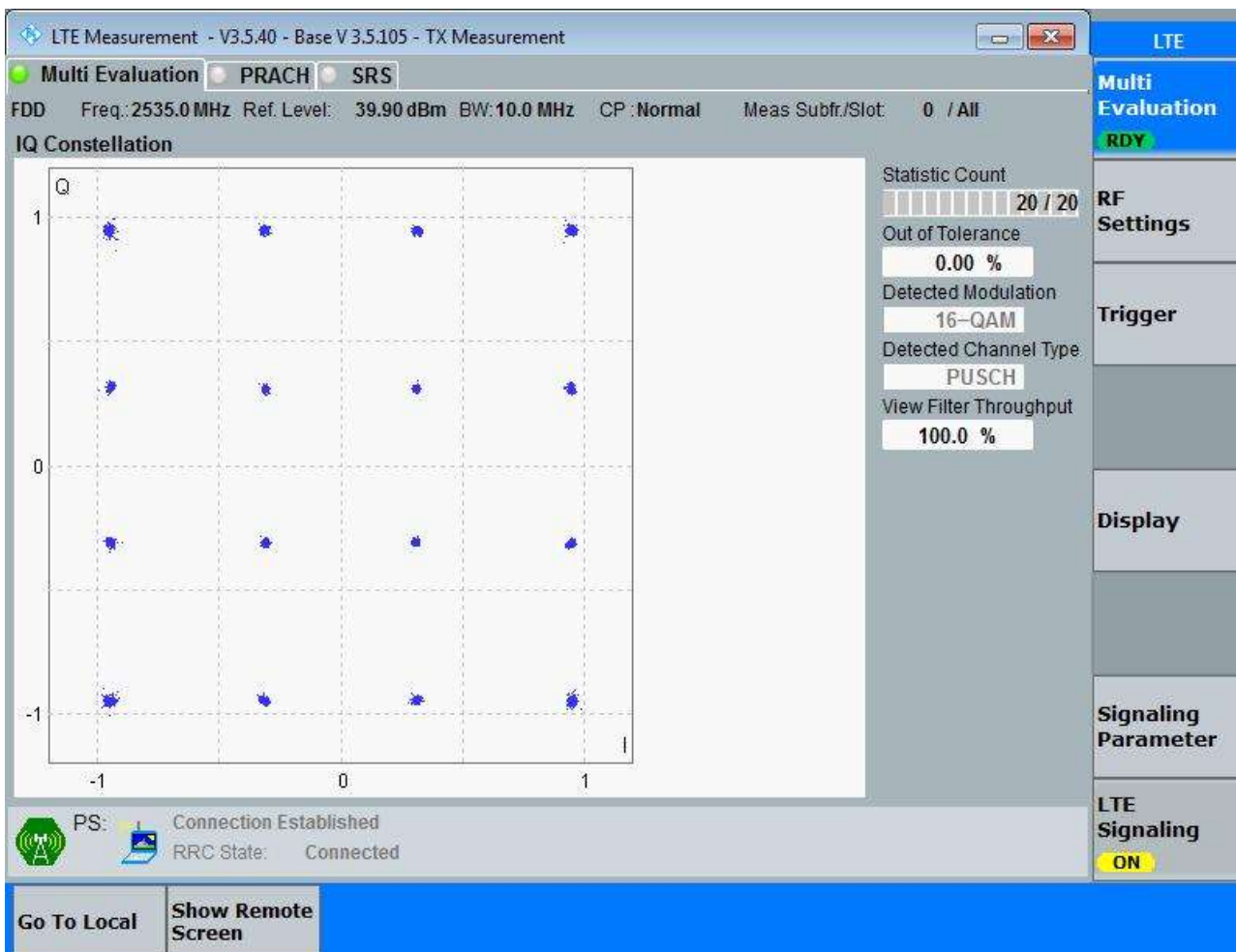
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

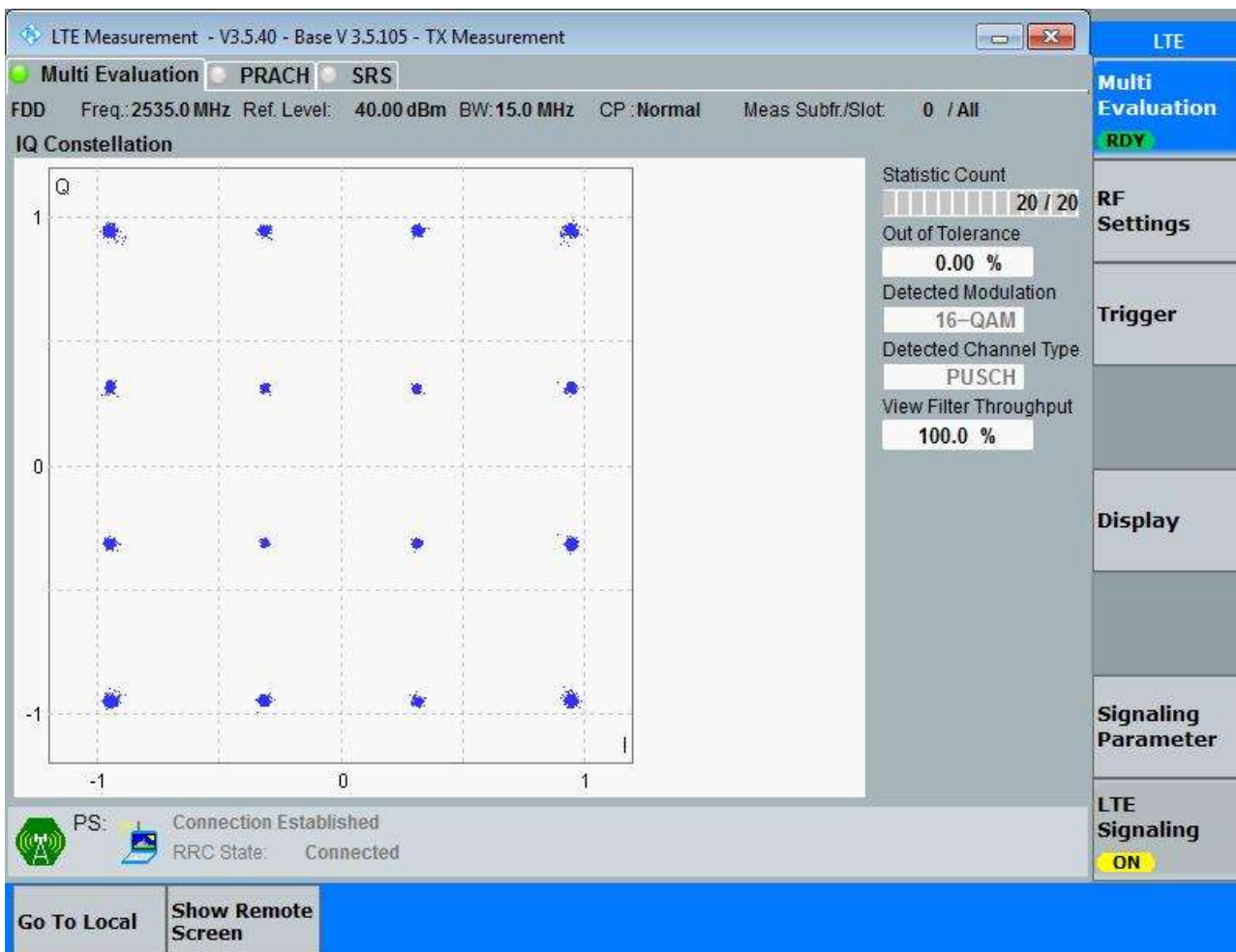
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

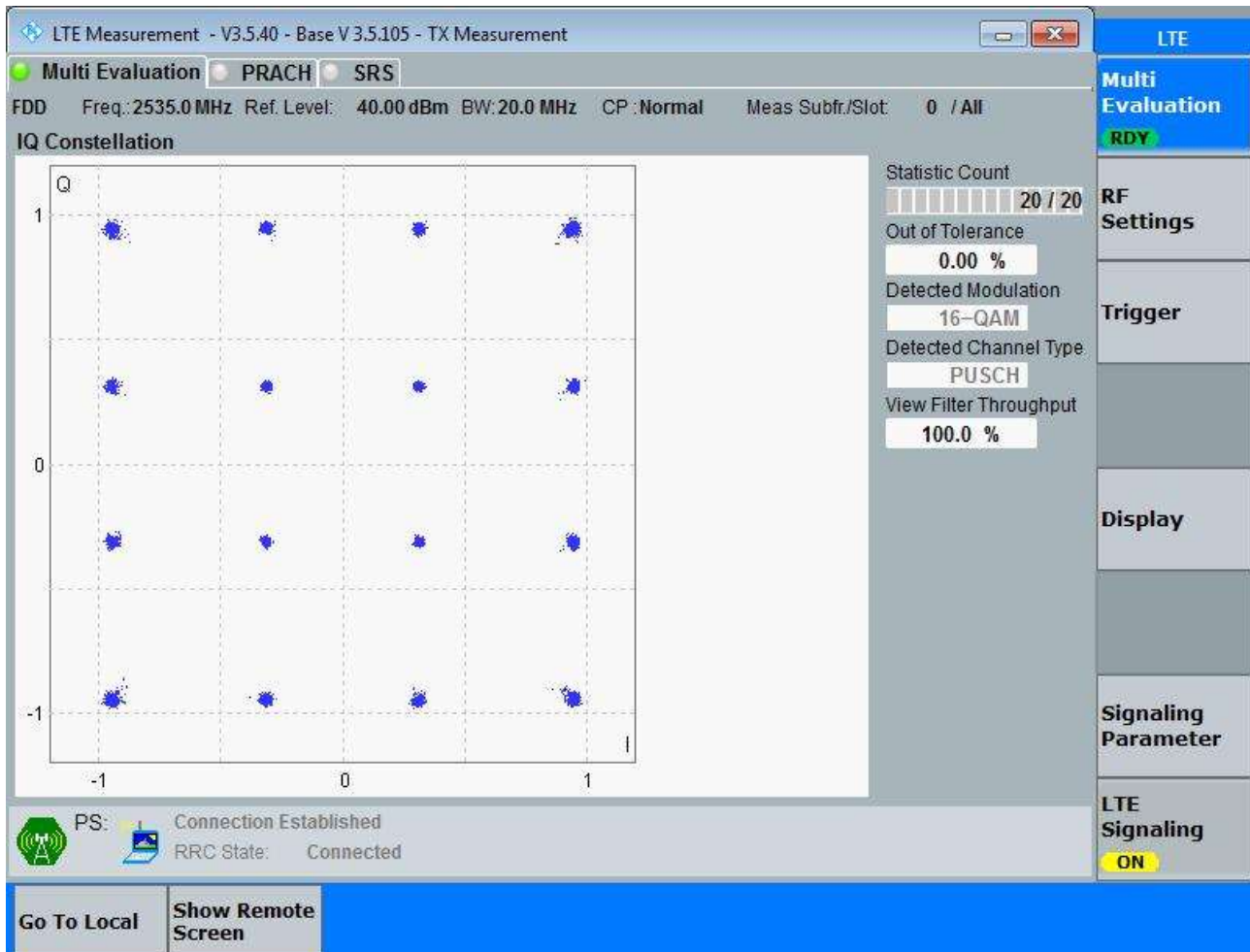
3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 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 |
|-----------|-----------|----------------|--------------|---------|--------------------------|--------------------------|---------|
| Band7 | LTE/TM1 | 5 | LCH | RB25#0 | 4.51 | 4.96 | Pass |
| | | | MCH | RB25#0 | 4.51 | 4.97 | Pass |
| | | | HCH | RB25#0 | 4.52 | 4.94 | Pass |
| | | 10 | LCH | RB50#0 | 9.00 | 9.91 | Pass |
| | | | MCH | RB50#0 | 8.99 | 9.88 | Pass |
| | | | HCH | RB50#0 | 8.99 | 9.86 | Pass |
| | | 15 | LCH | RB75#0 | 13.53 | 14.84 | Pass |
| | | | MCH | RB75#0 | 13.47 | 14.99 | Pass |
| | | | HCH | RB75#0 | 13.49 | 14.91 | Pass |
| | | 20 | LCH | RB100#0 | 18.01 | 19.73 | Pass |
| | | | MCH | RB100#0 | 17.98 | 19.71 | Pass |
| | | | HCH | RB100#0 | 17.99 | 19.78 | Pass |
| | LTE/TM2 | 5 | LCH | RB25#0 | 4.52 | 4.93 | Pass |
| | | | MCH | RB25#0 | 4.50 | 4.95 | Pass |
| | | | HCH | RB25#0 | 4.51 | 4.94 | Pass |
| | | 10 | LCH | RB50#0 | 8.99 | 9.89 | Pass |
| | | | MCH | RB50#0 | 8.99 | 9.89 | Pass |
| | | | HCH | RB50#0 | 8.98 | 9.86 | Pass |
| | | 15 | LCH | RB75#0 | 13.51 | 14.92 | Pass |
| | | | MCH | RB75#0 | 13.47 | 14.93 | Pass |
| | | | HCH | RB75#0 | 13.50 | 14.88 | Pass |
| | | 20 | LCH | RB100#0 | 18.00 | 19.75 | Pass |
| | | | MCH | RB100#0 | 18.01 | 19.74 | Pass |
| | | | HCH | RB100#0 | 17.99 | 19.75 | Pass |

Part II - Test Plots

4.1 For LTE

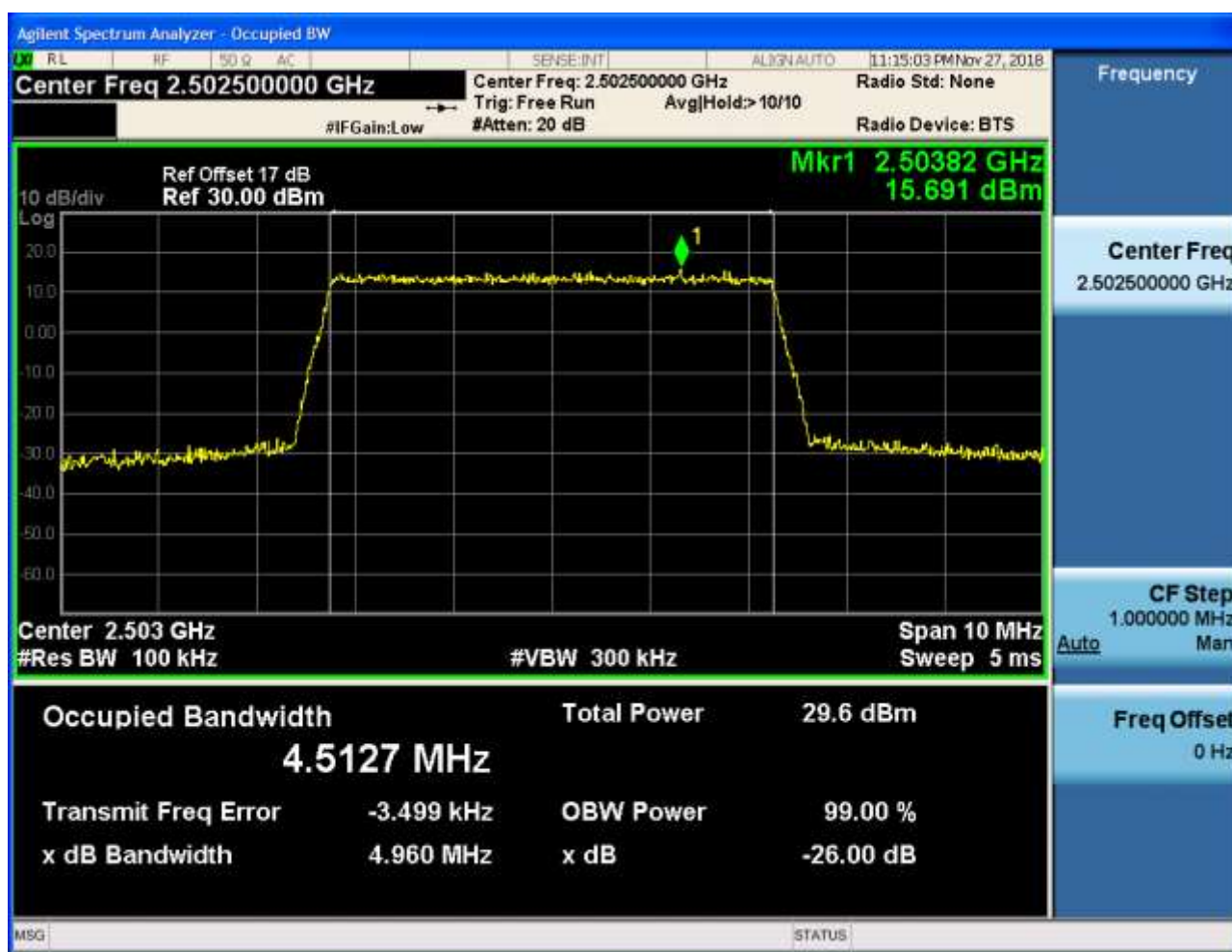
4.1.1 Test Band = Band7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

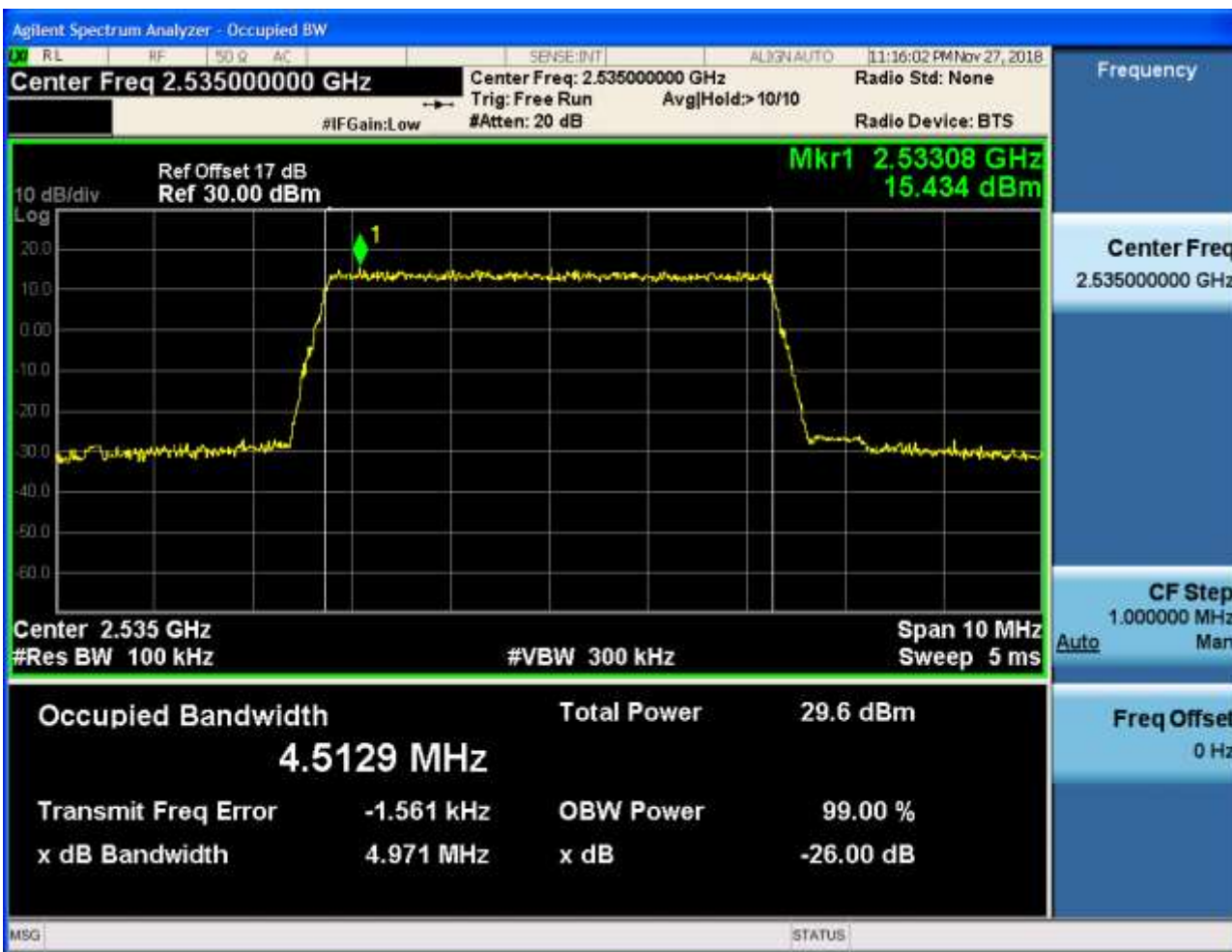
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

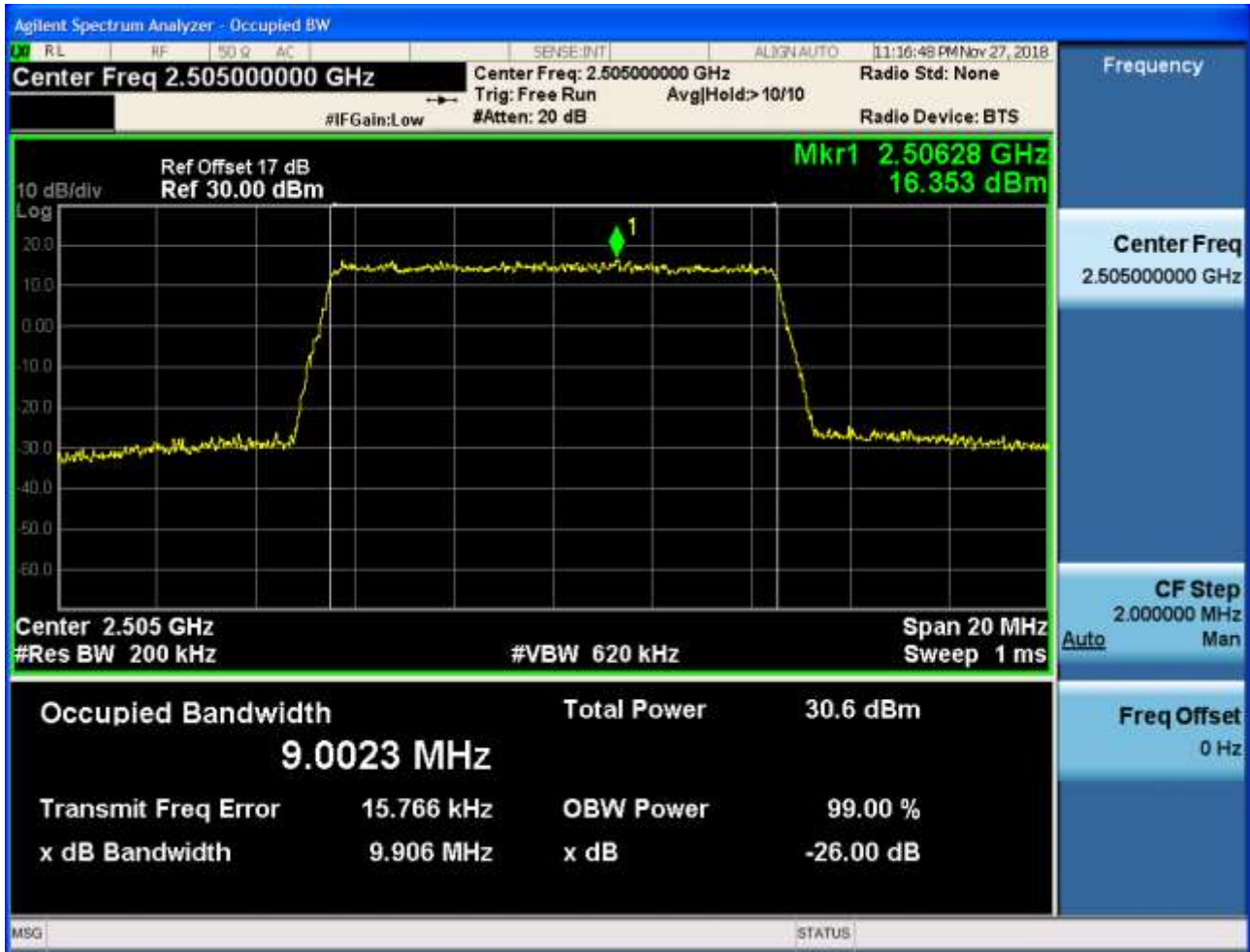
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



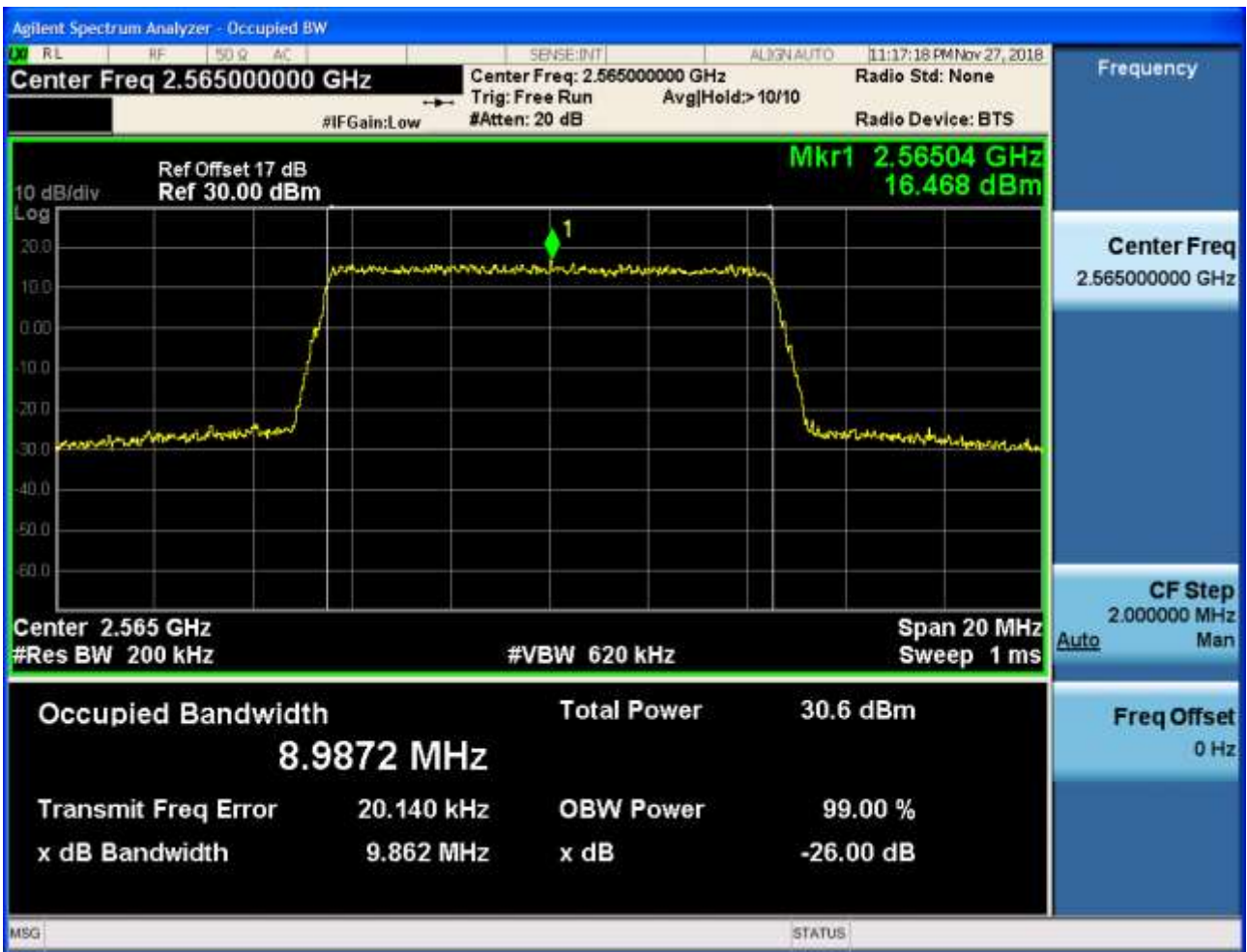
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

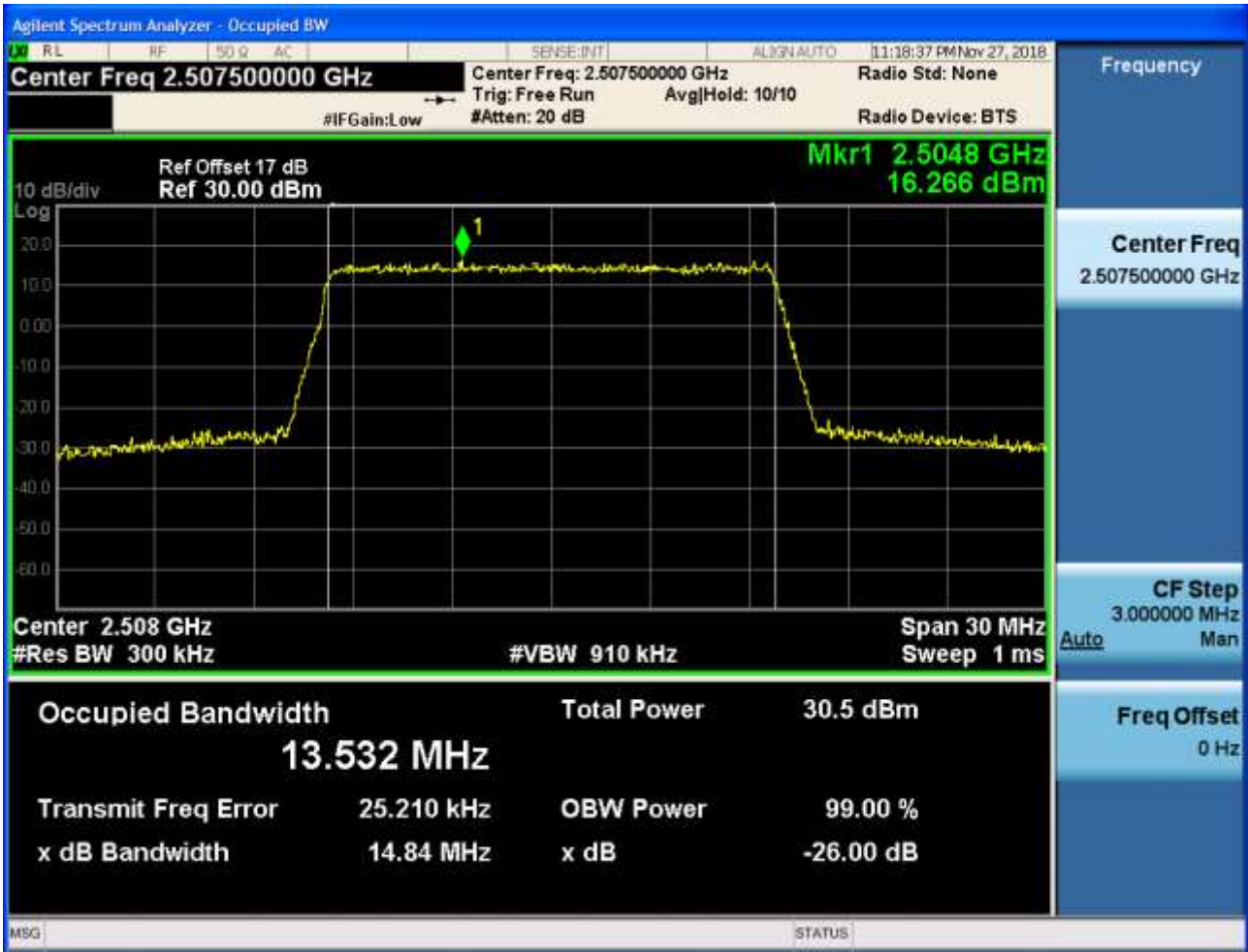
4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0



4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



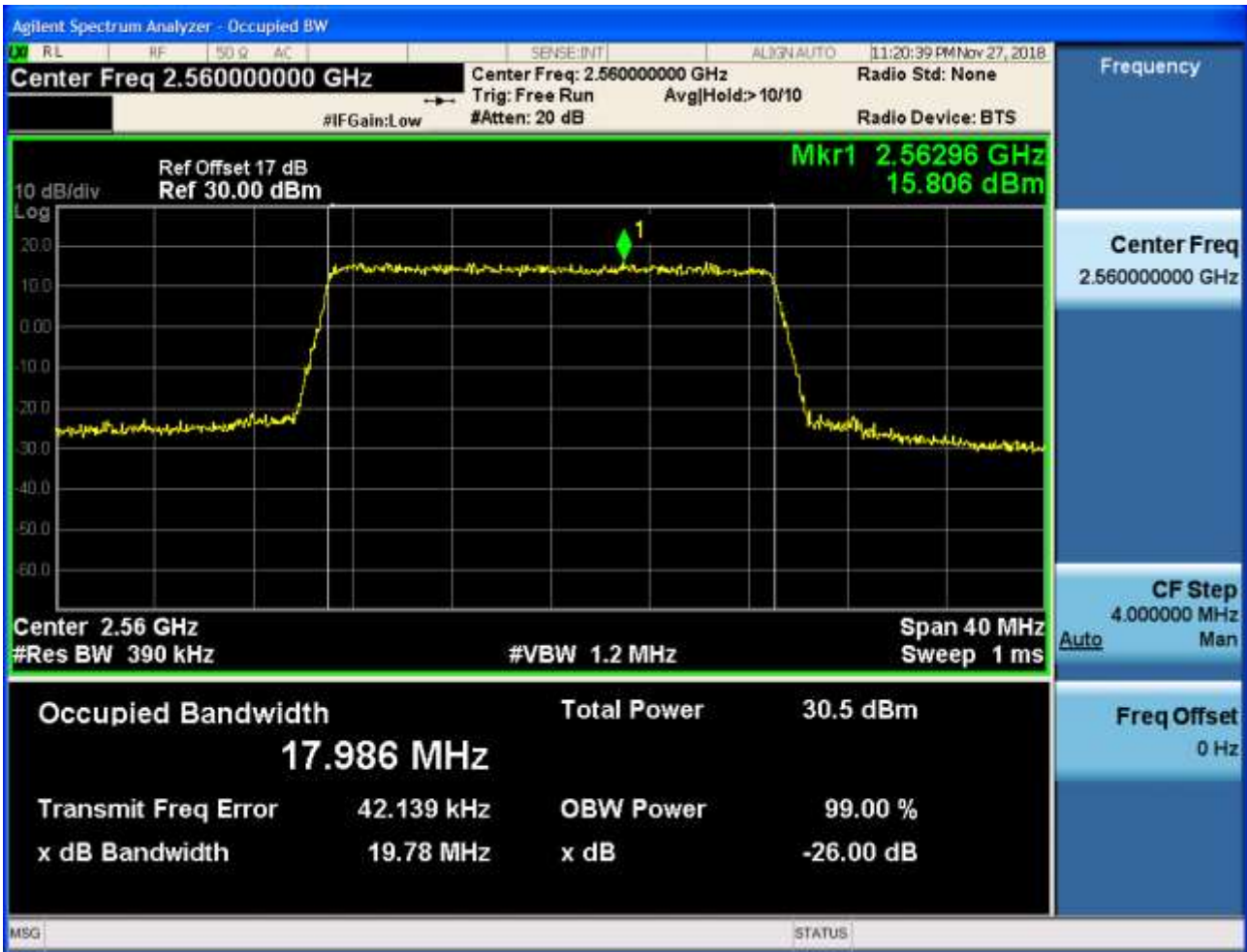
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0

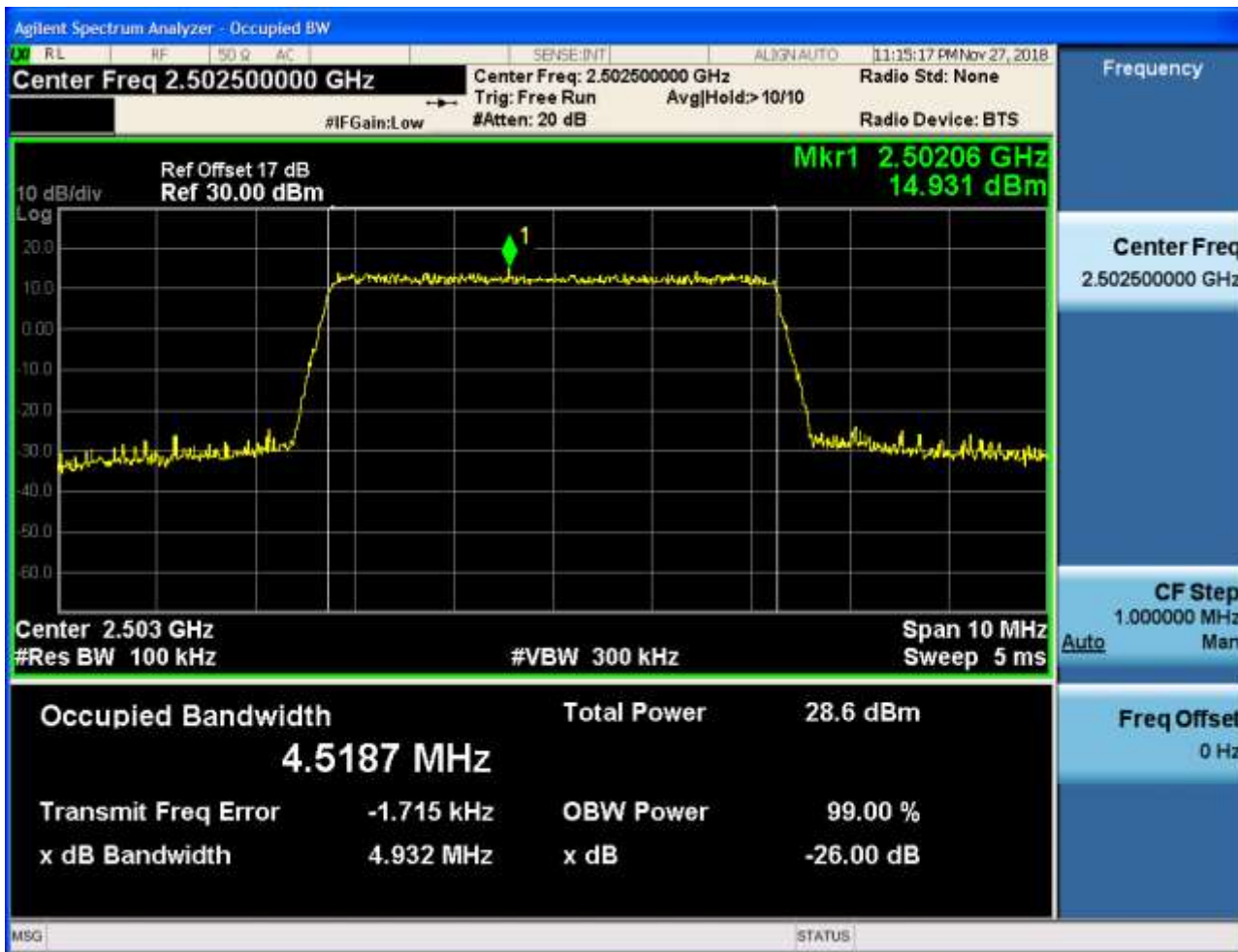


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

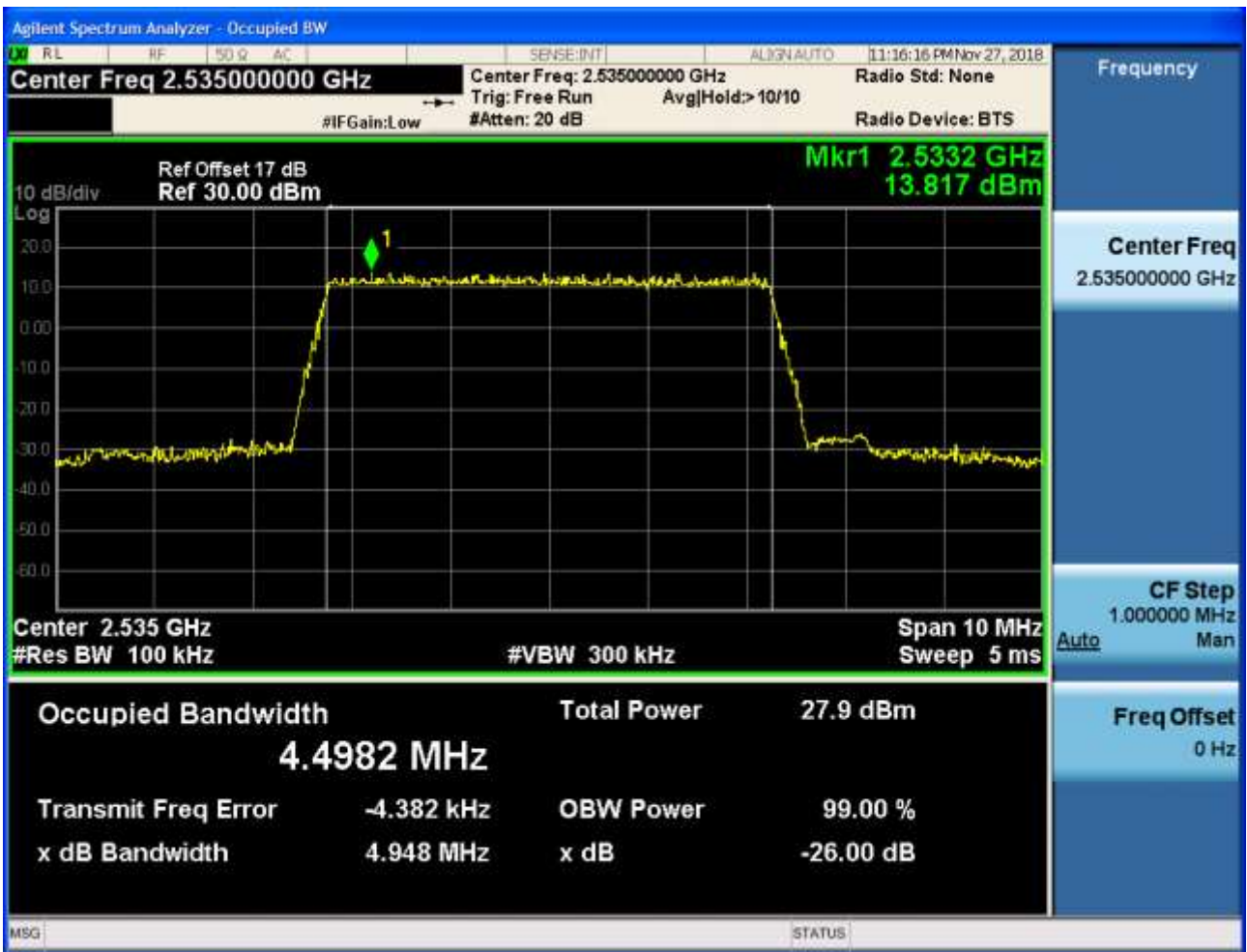
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

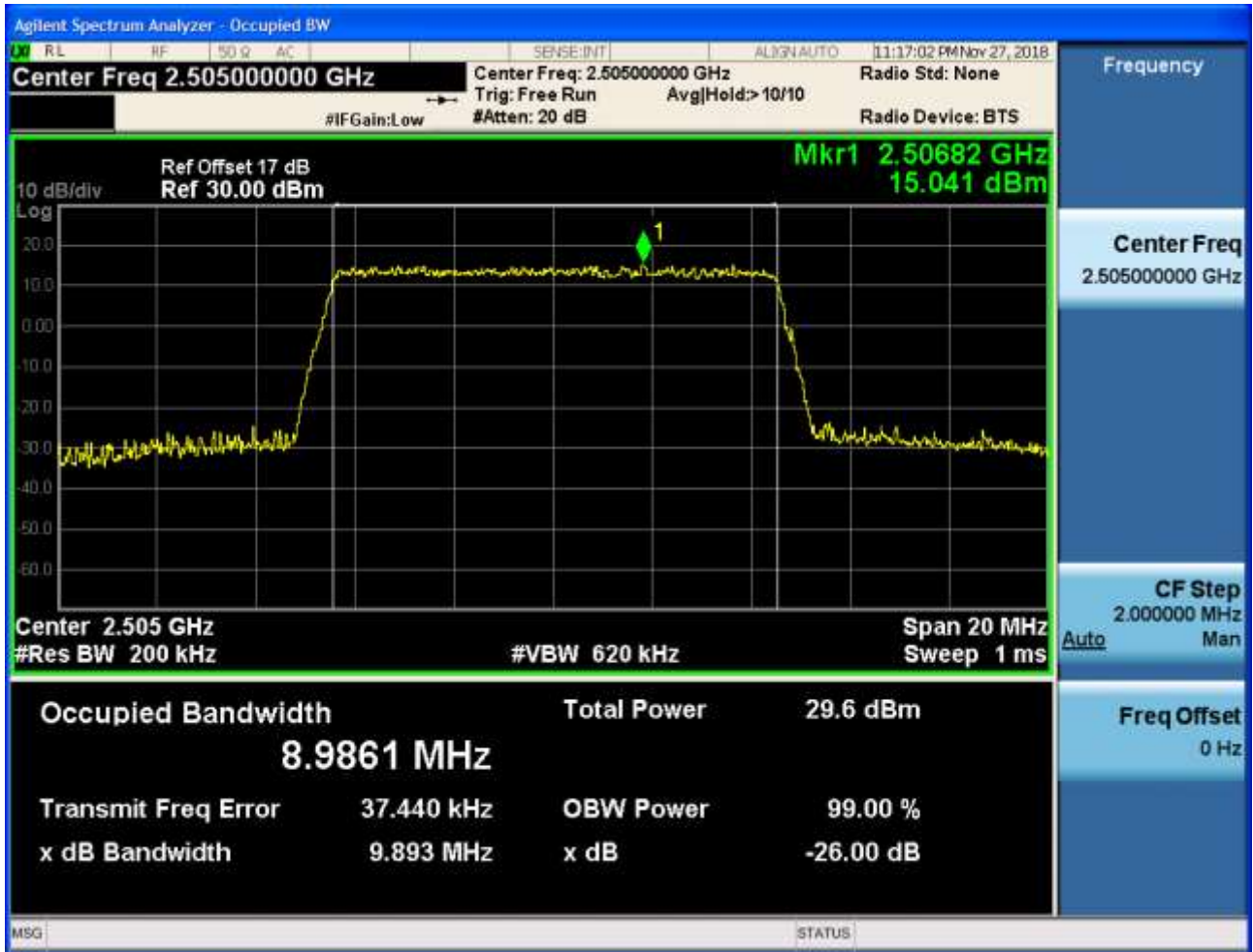
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



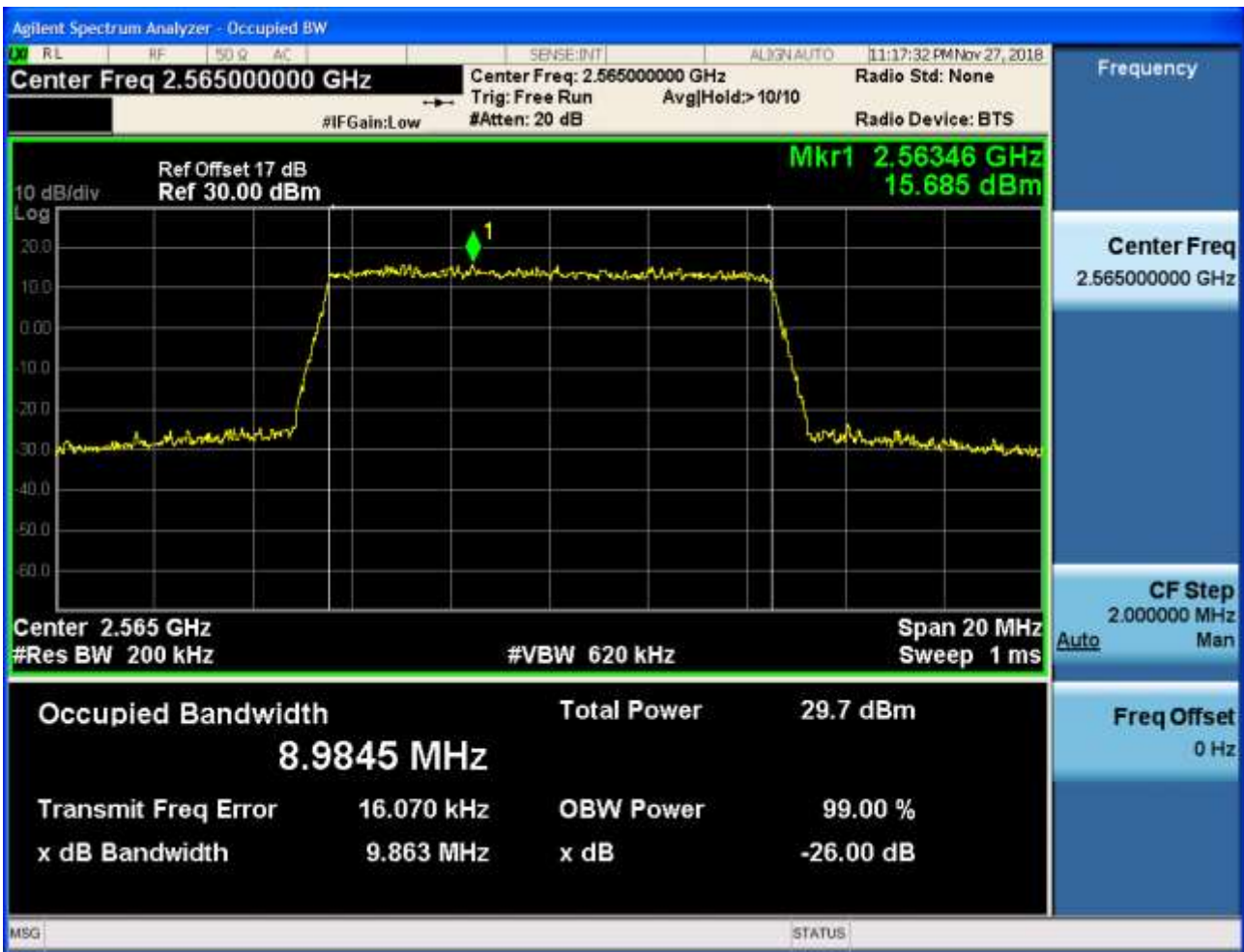
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

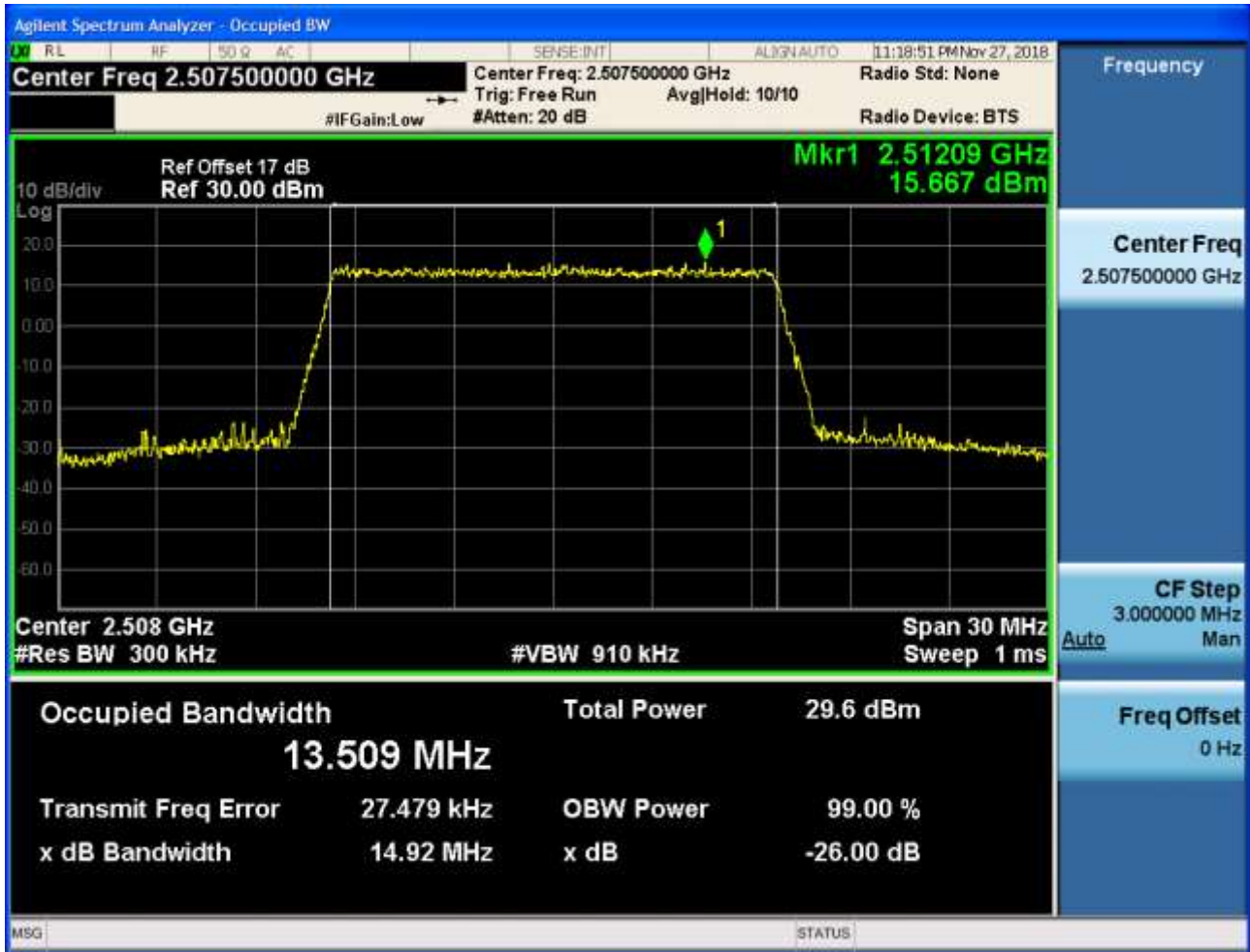
4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

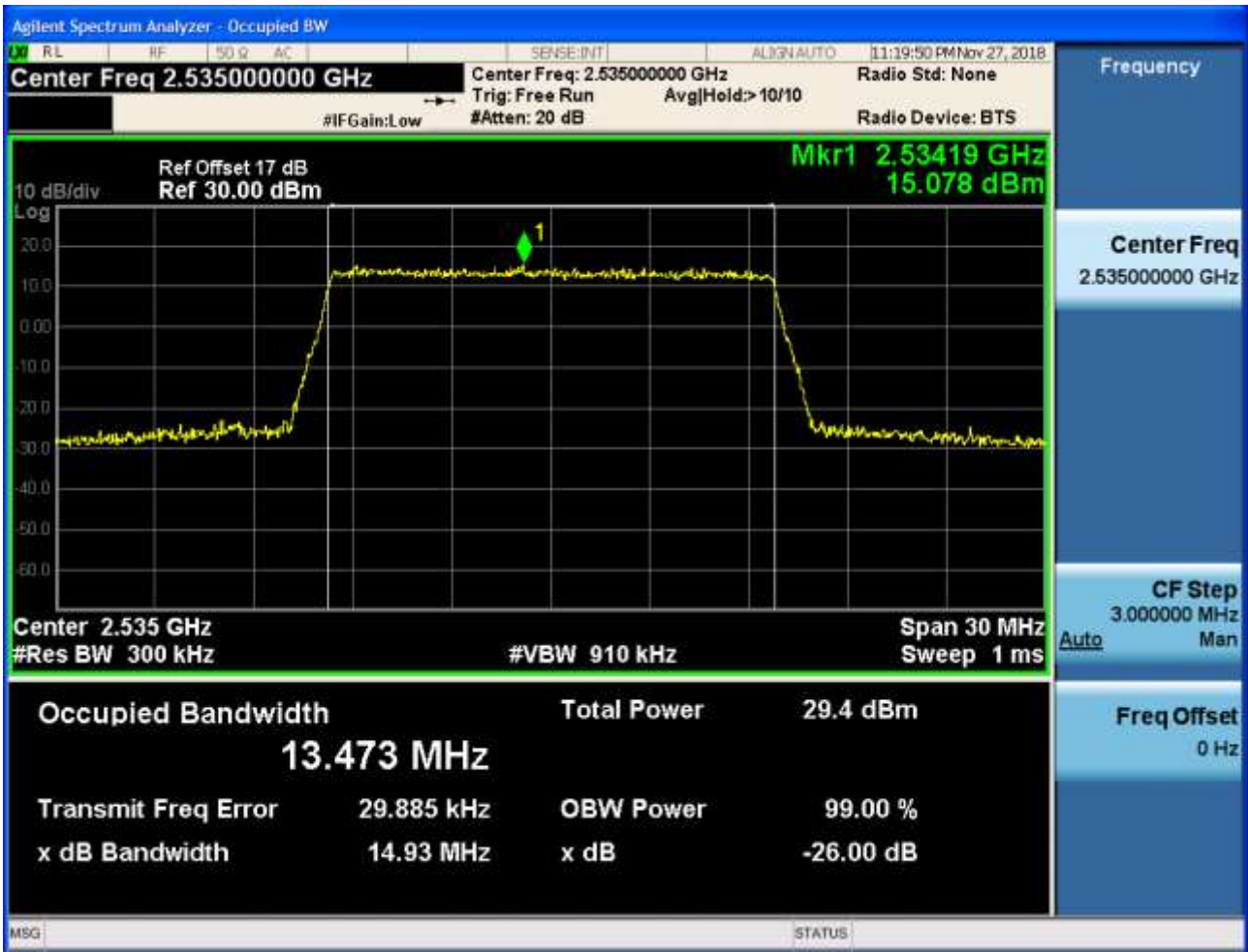
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



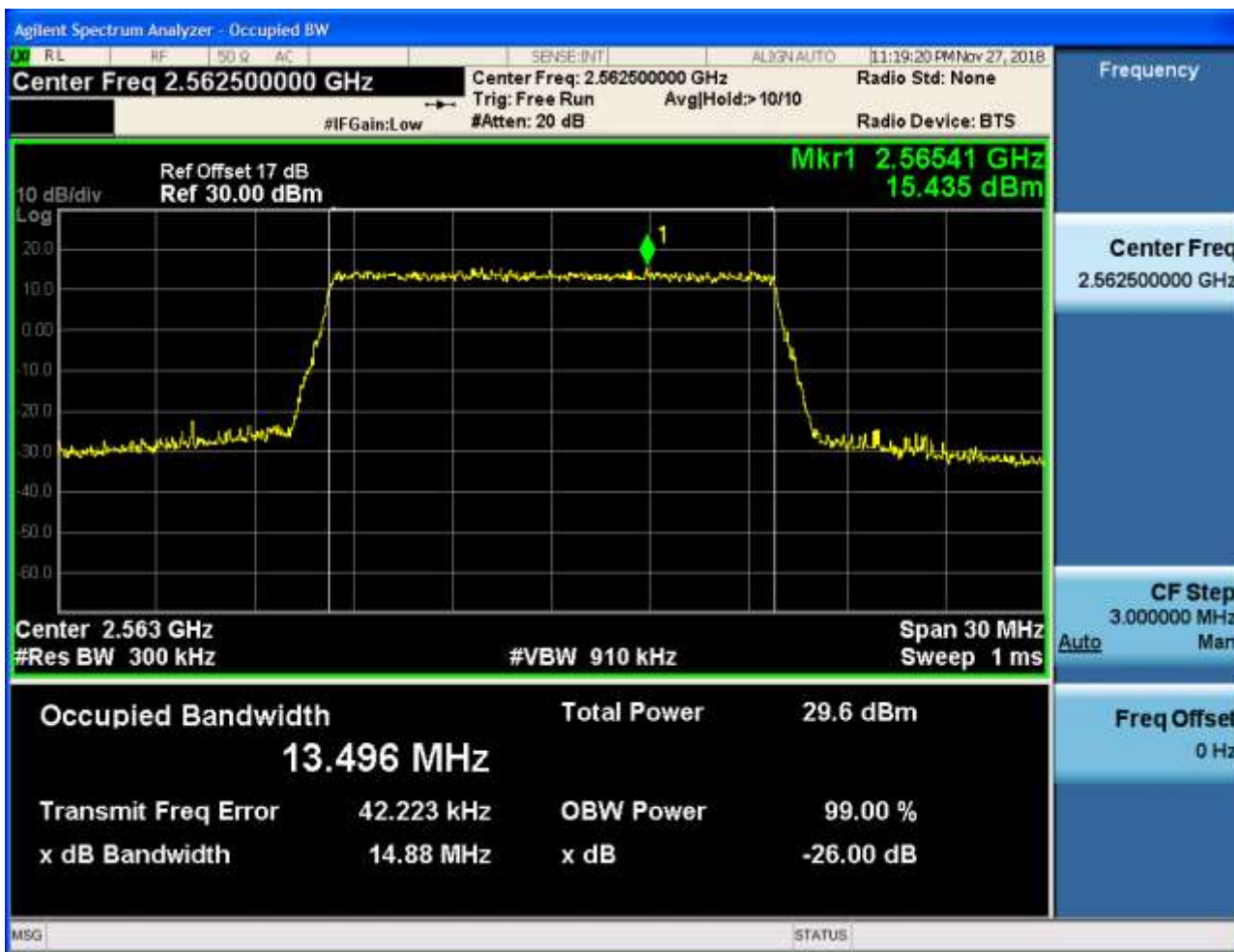
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0



4.1.1.2.3.3 Test Channel = HCH

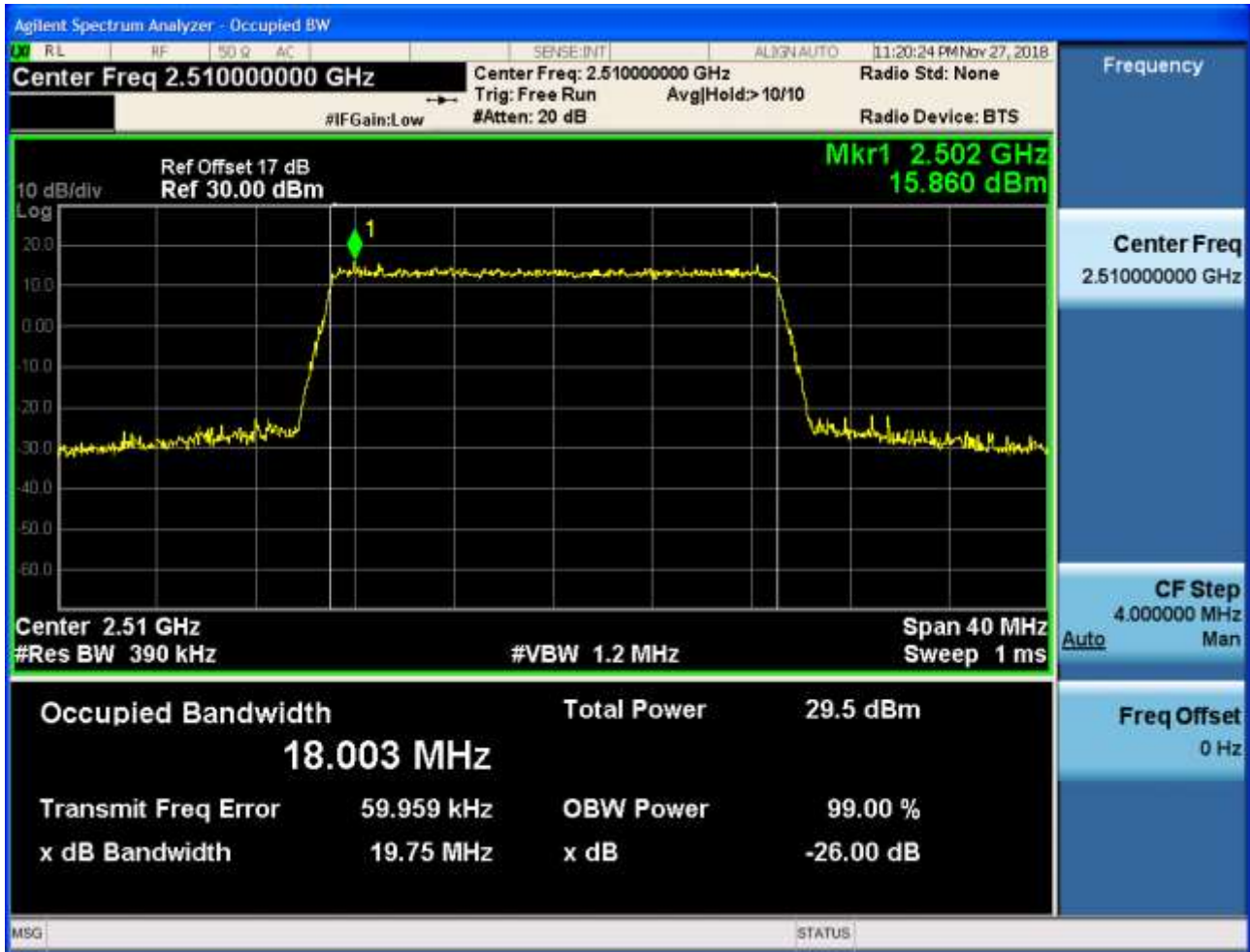
4.1.1.2.3.3.1 Test RB = RB75#0



4.1.1.2.4 Test Bandwidth = 20

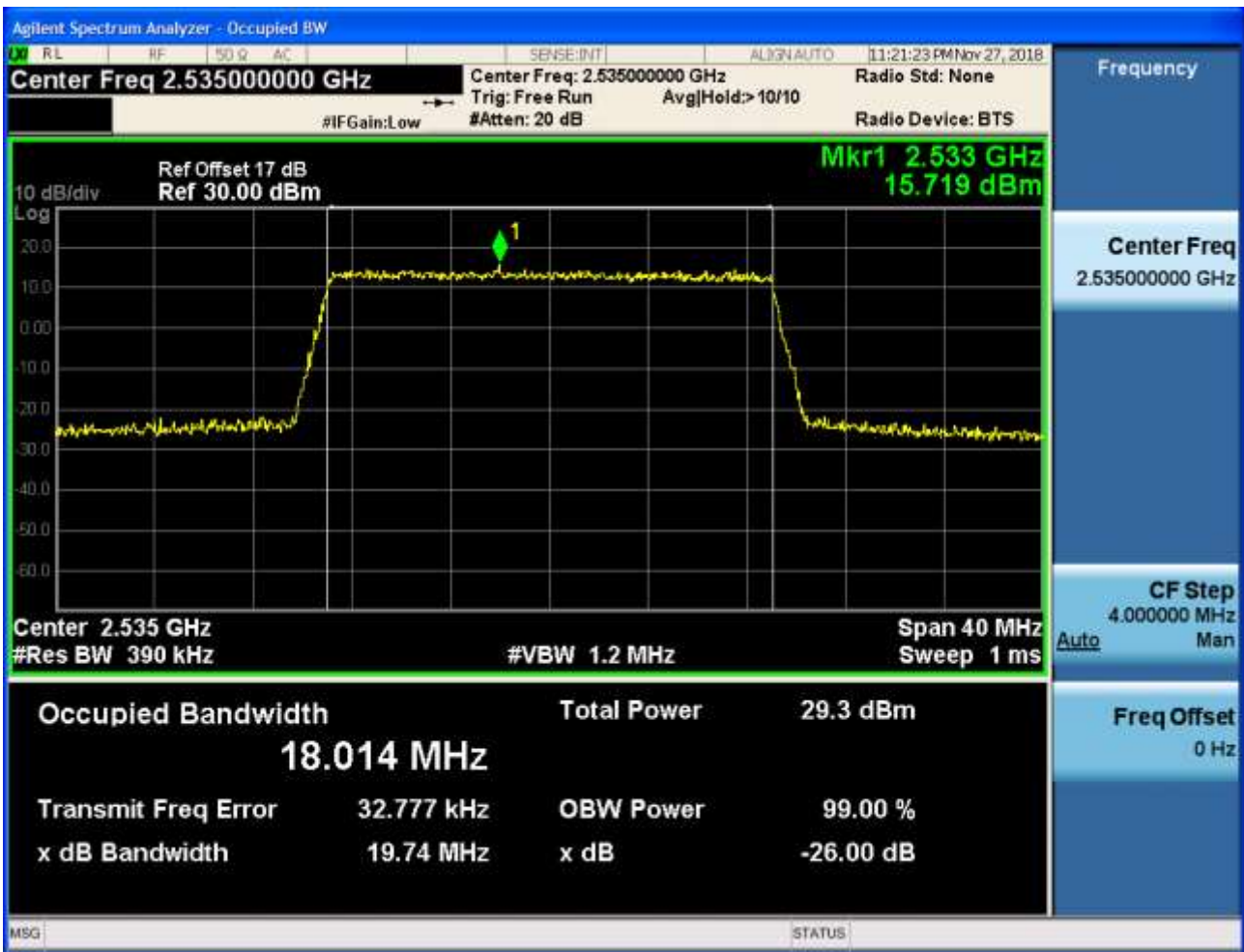
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

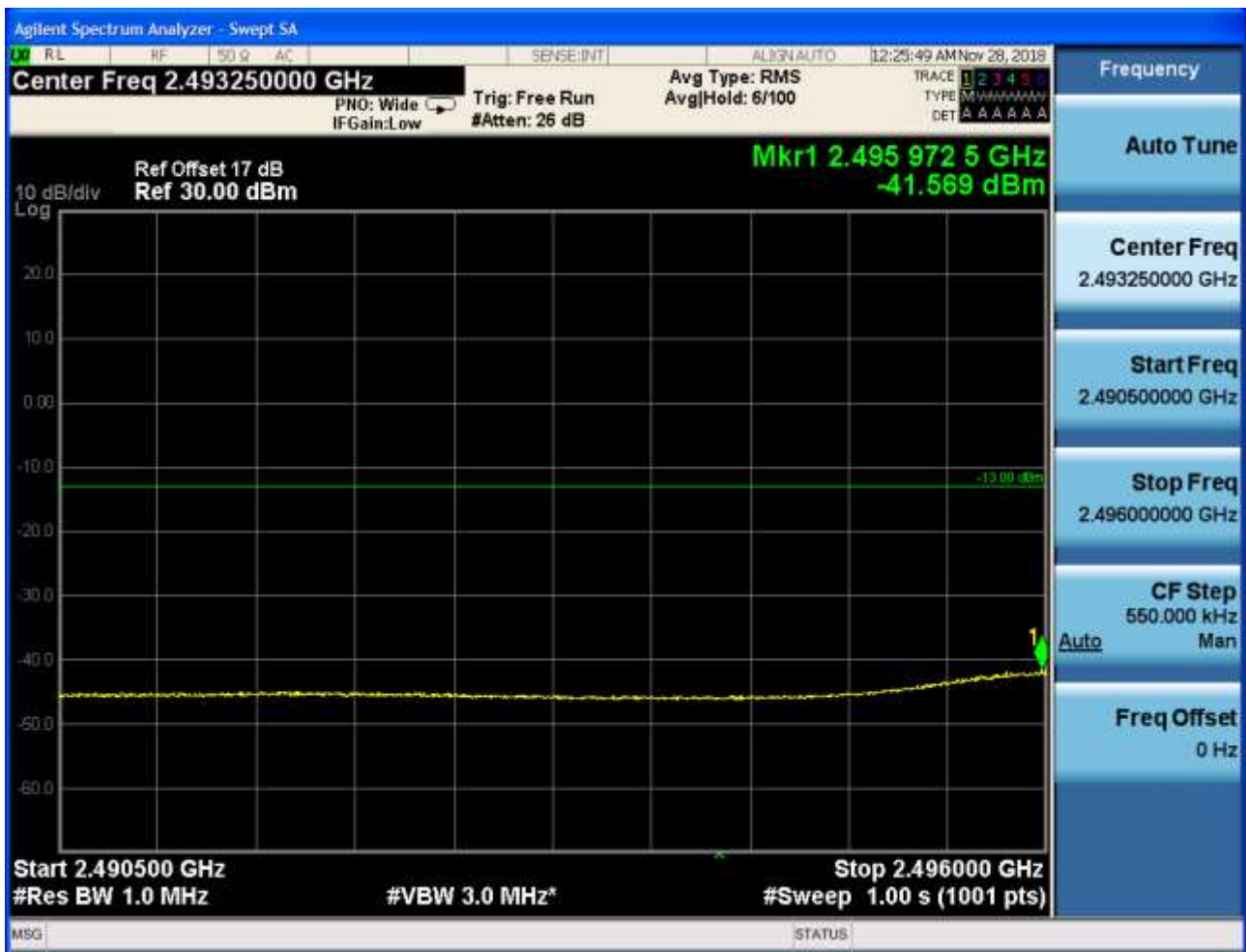
5.1.1 Test Band = Band7

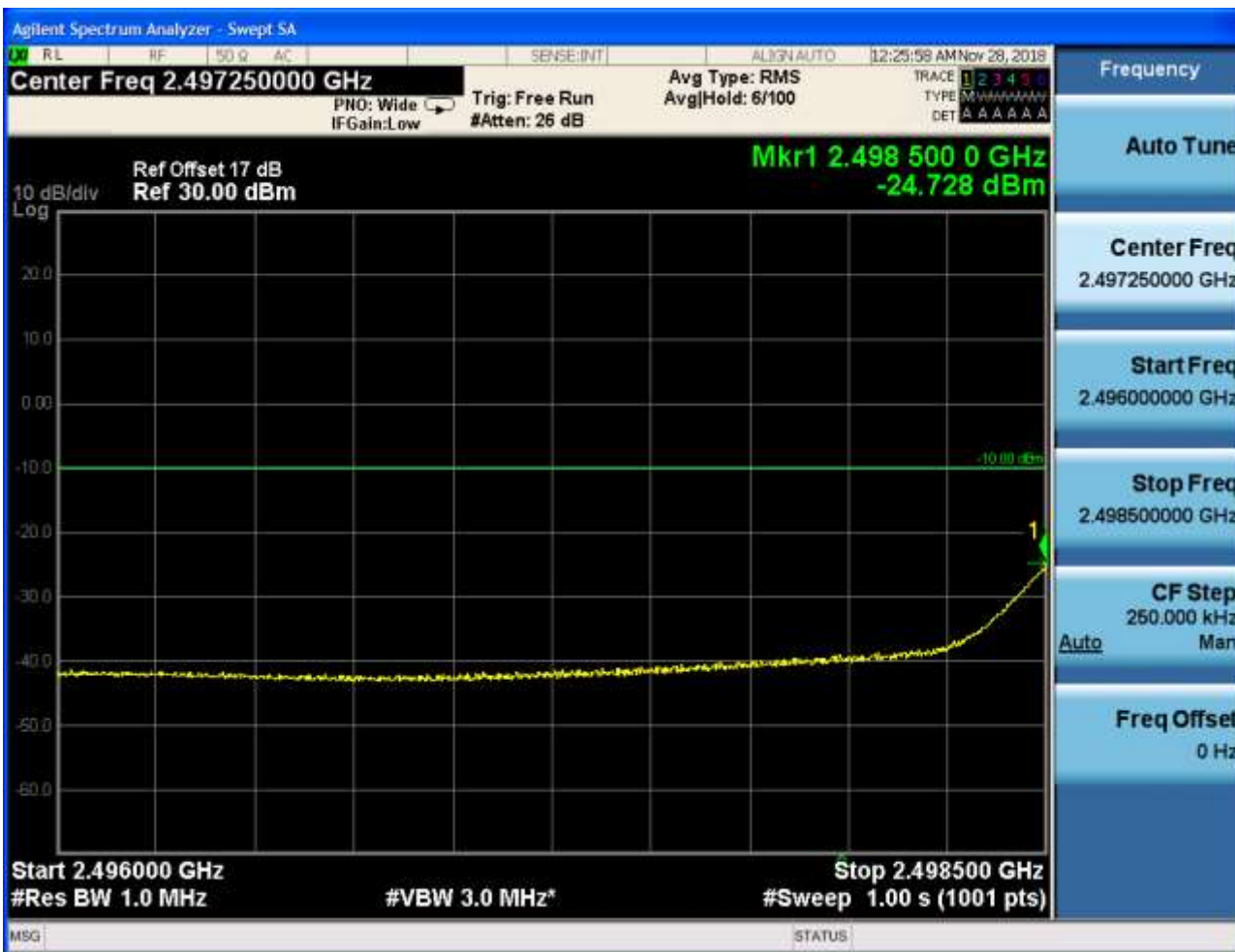
5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

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#24

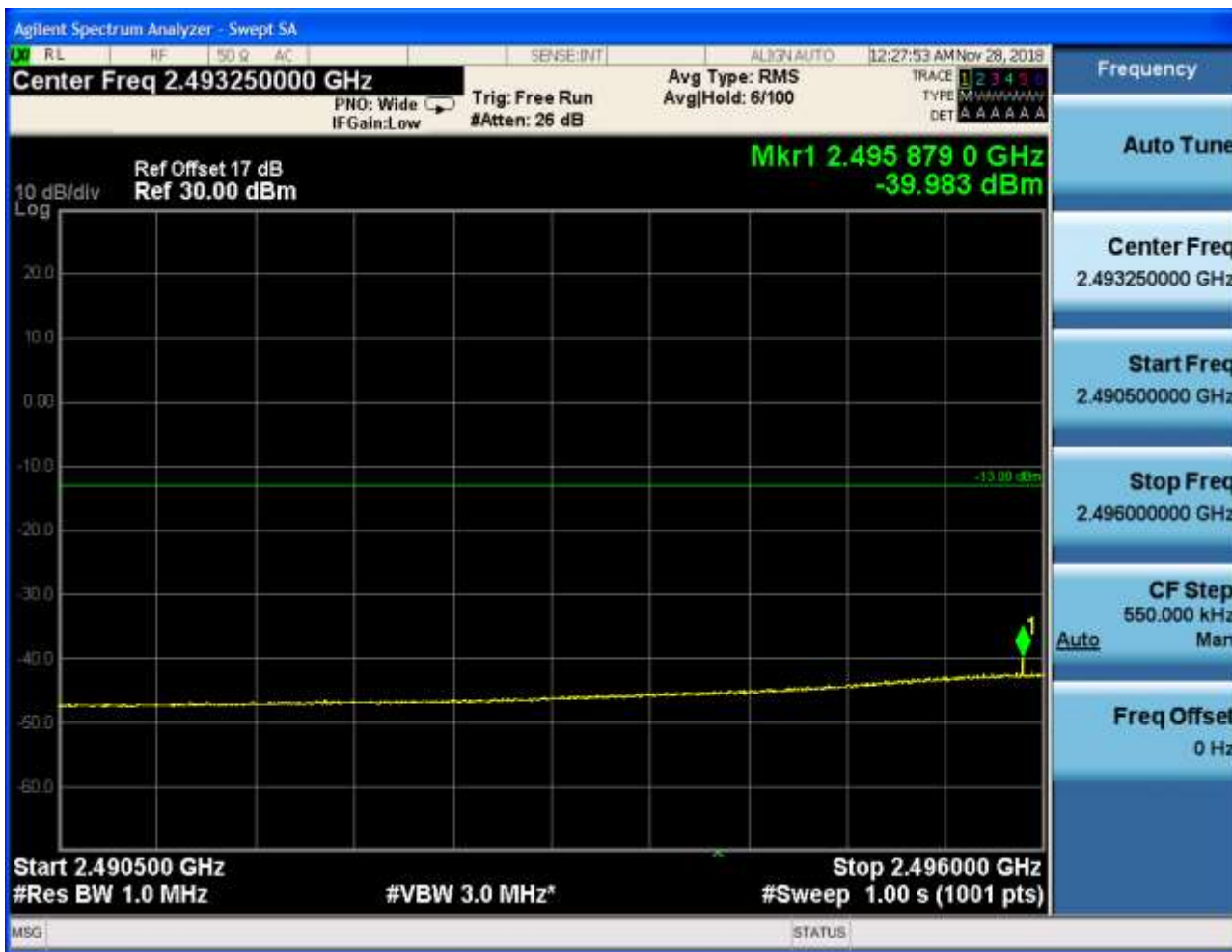


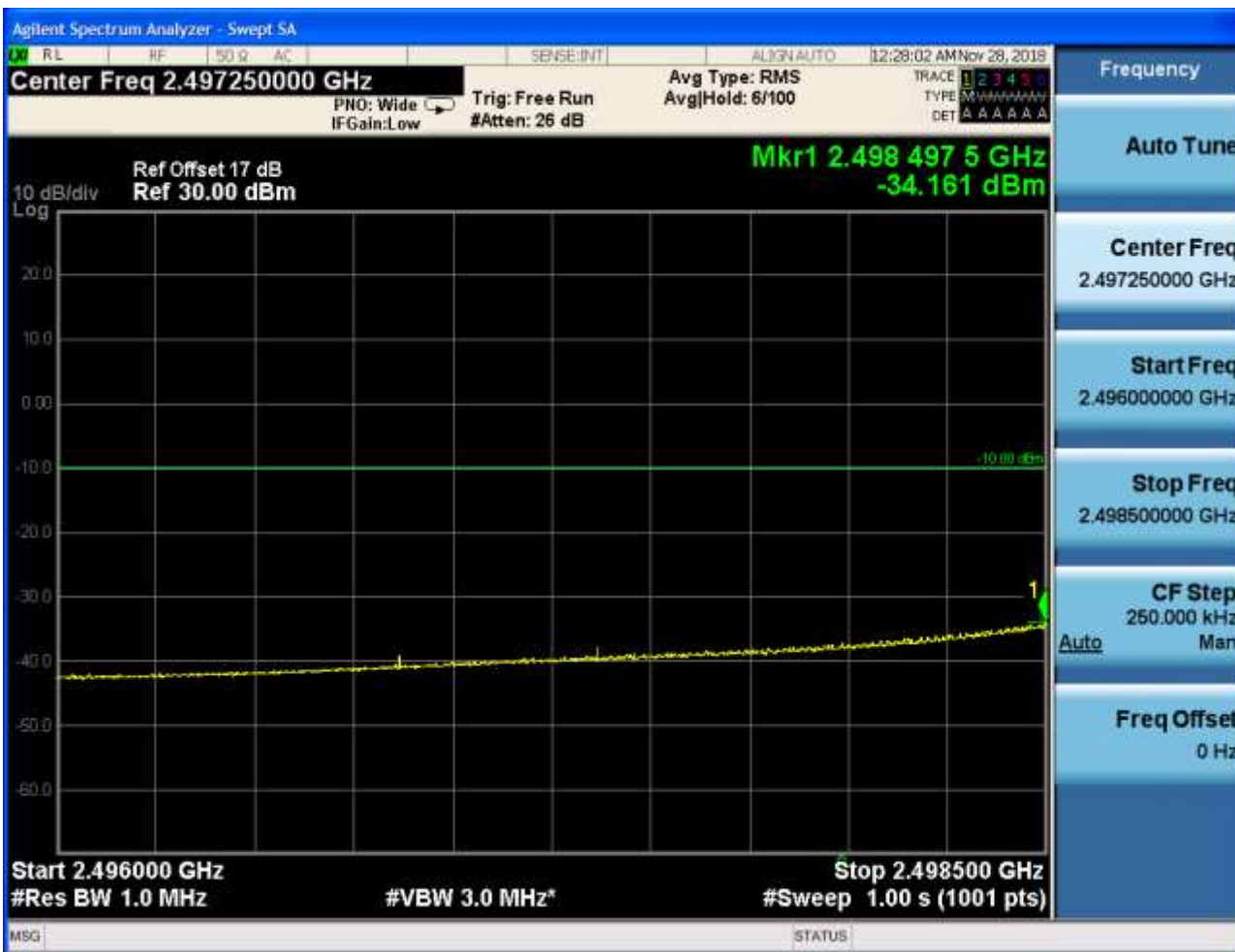






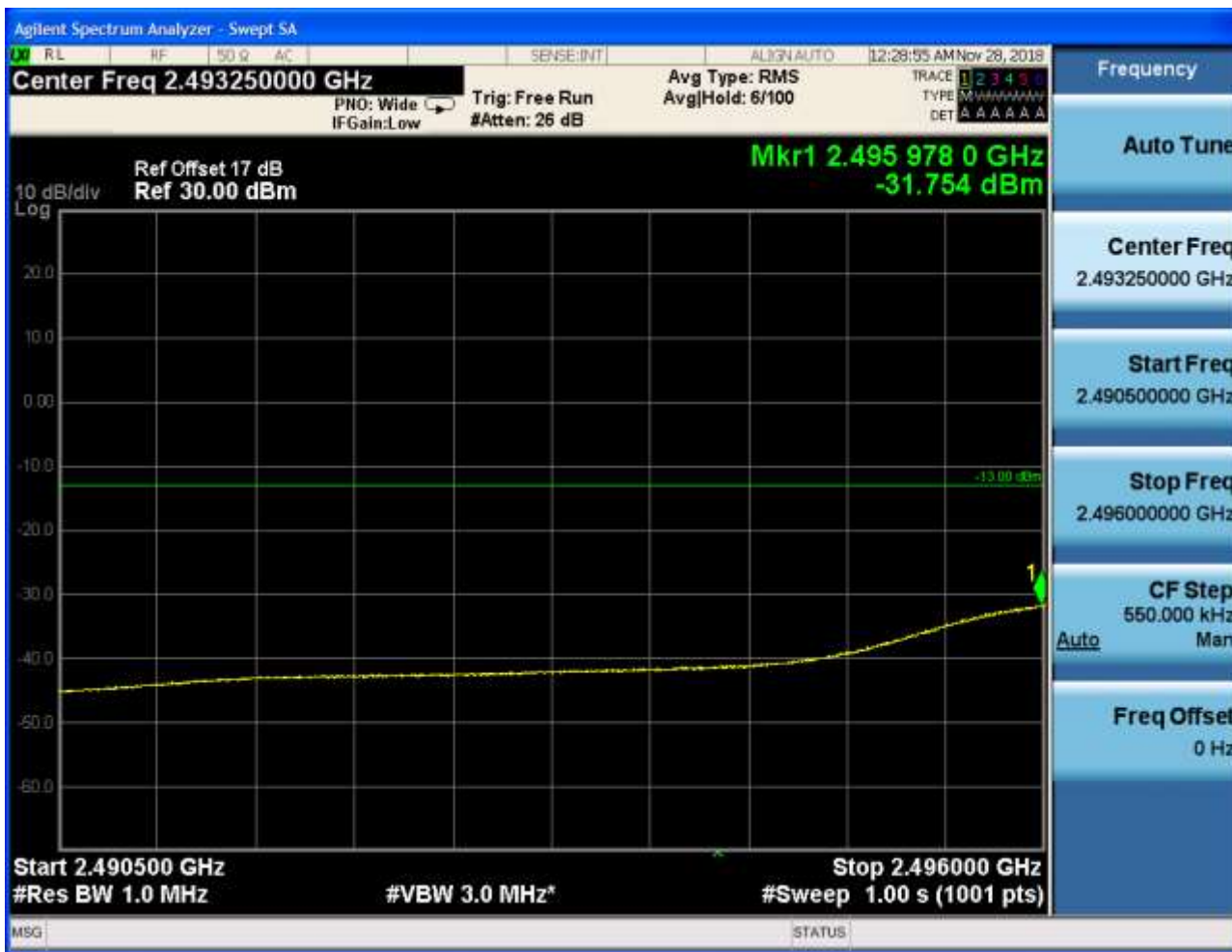
5.1.1.1.1.3 Test RB = RB12#6







5.1.1.1.1.4 Test RB = RB25#0

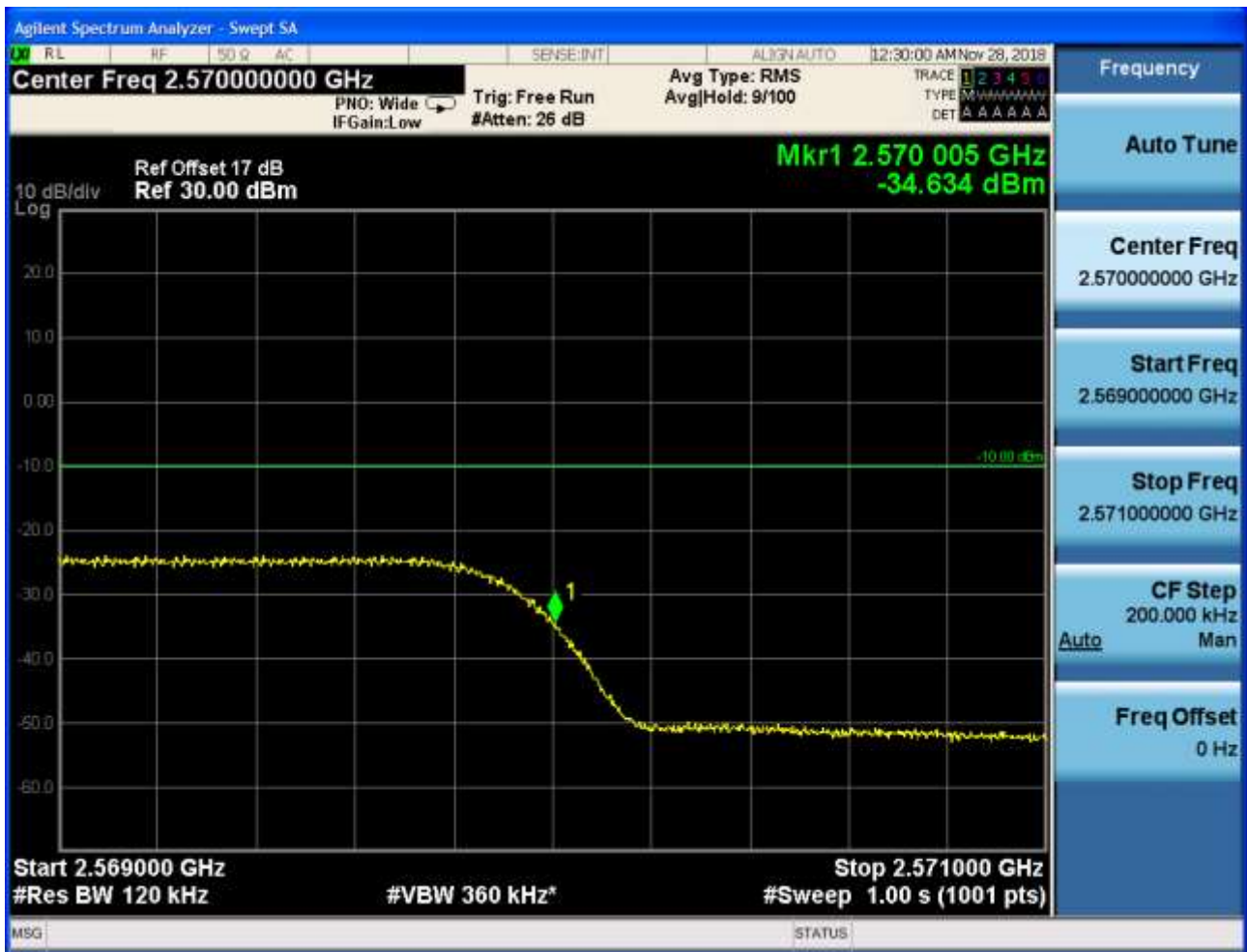


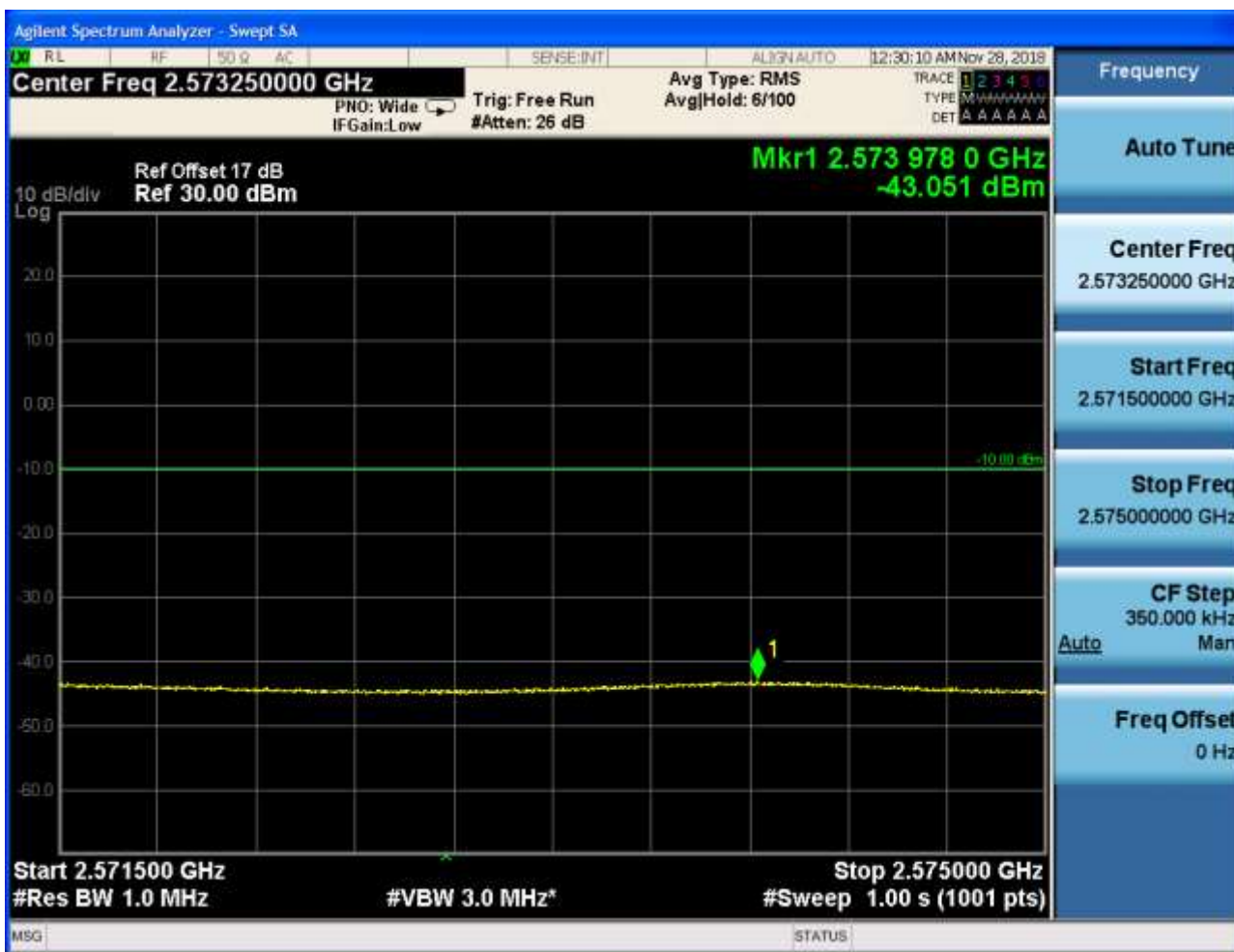




5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



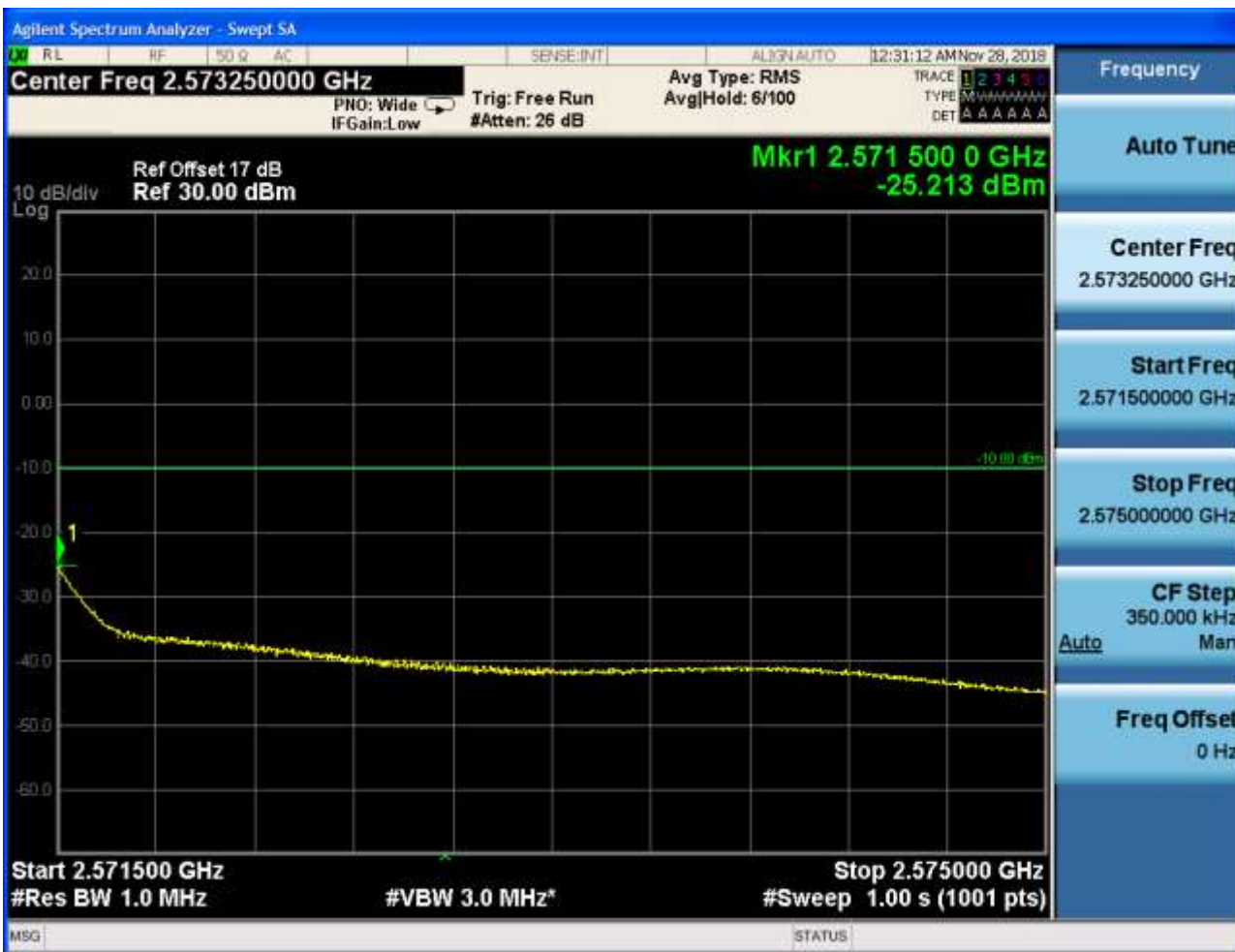






5.1.1.1.2.2 Test RB = RB1#24



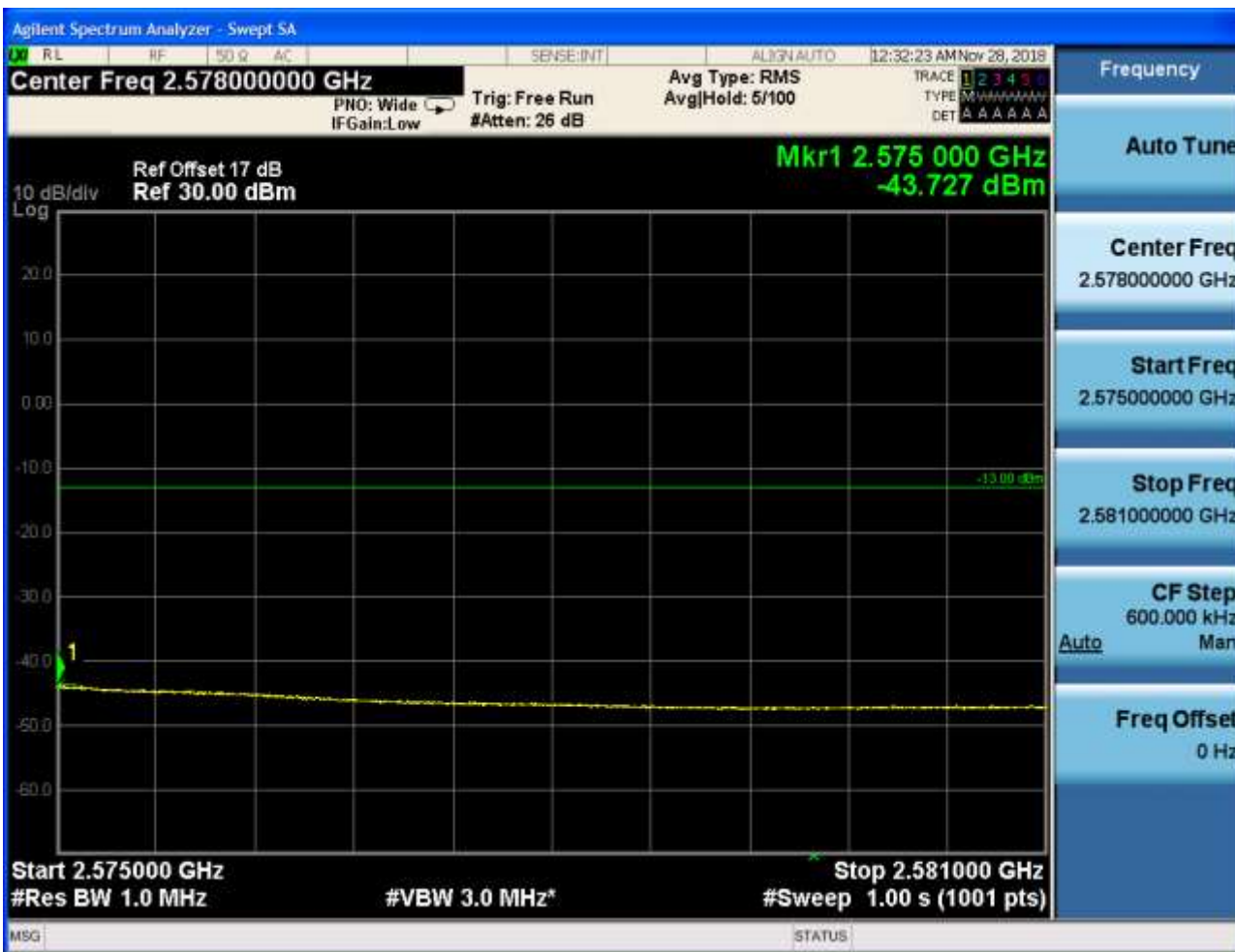




5.1.1.1.2.3 Test RB = RB12#6



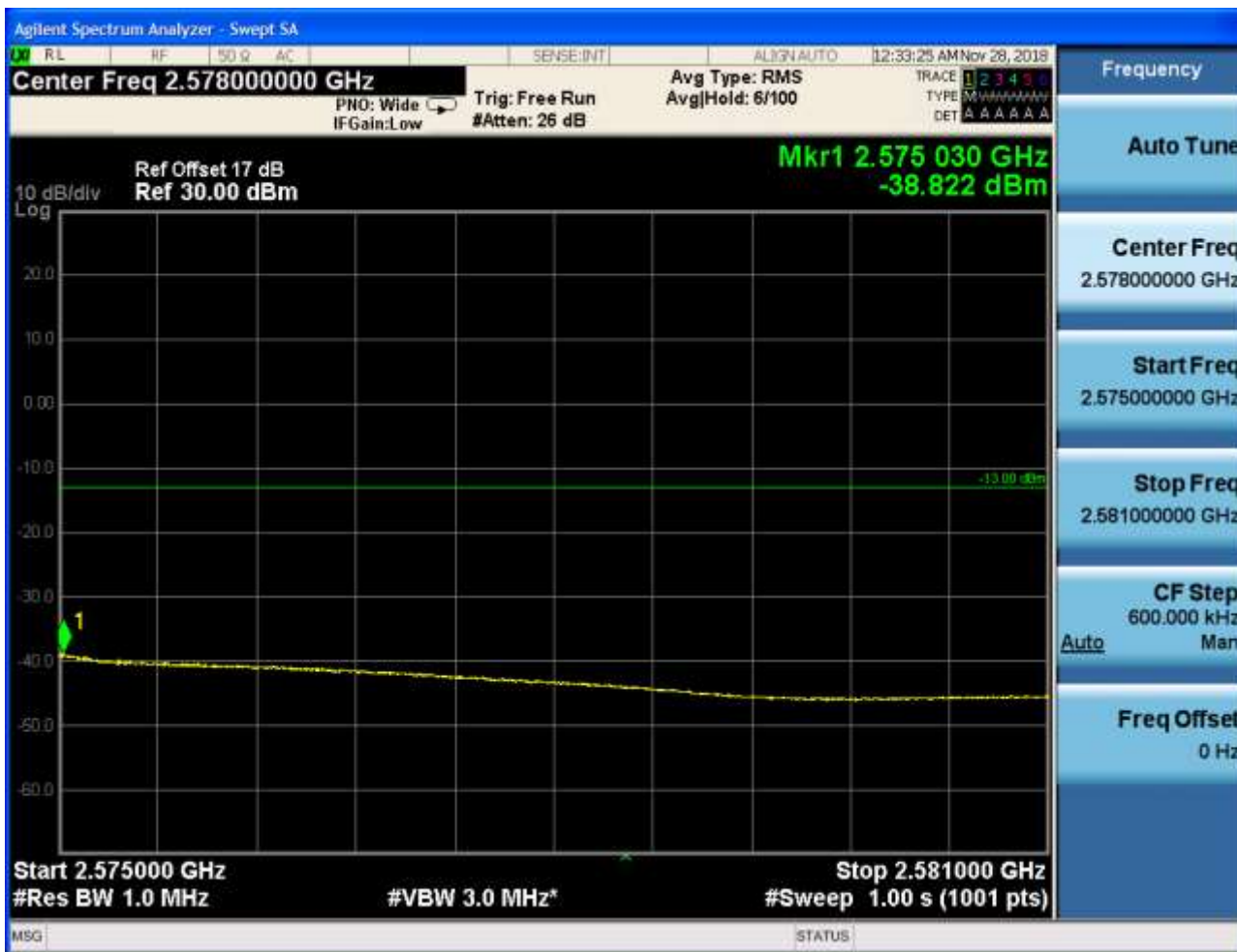




5.1.1.1.1.2.4 Test RB = RB25#0





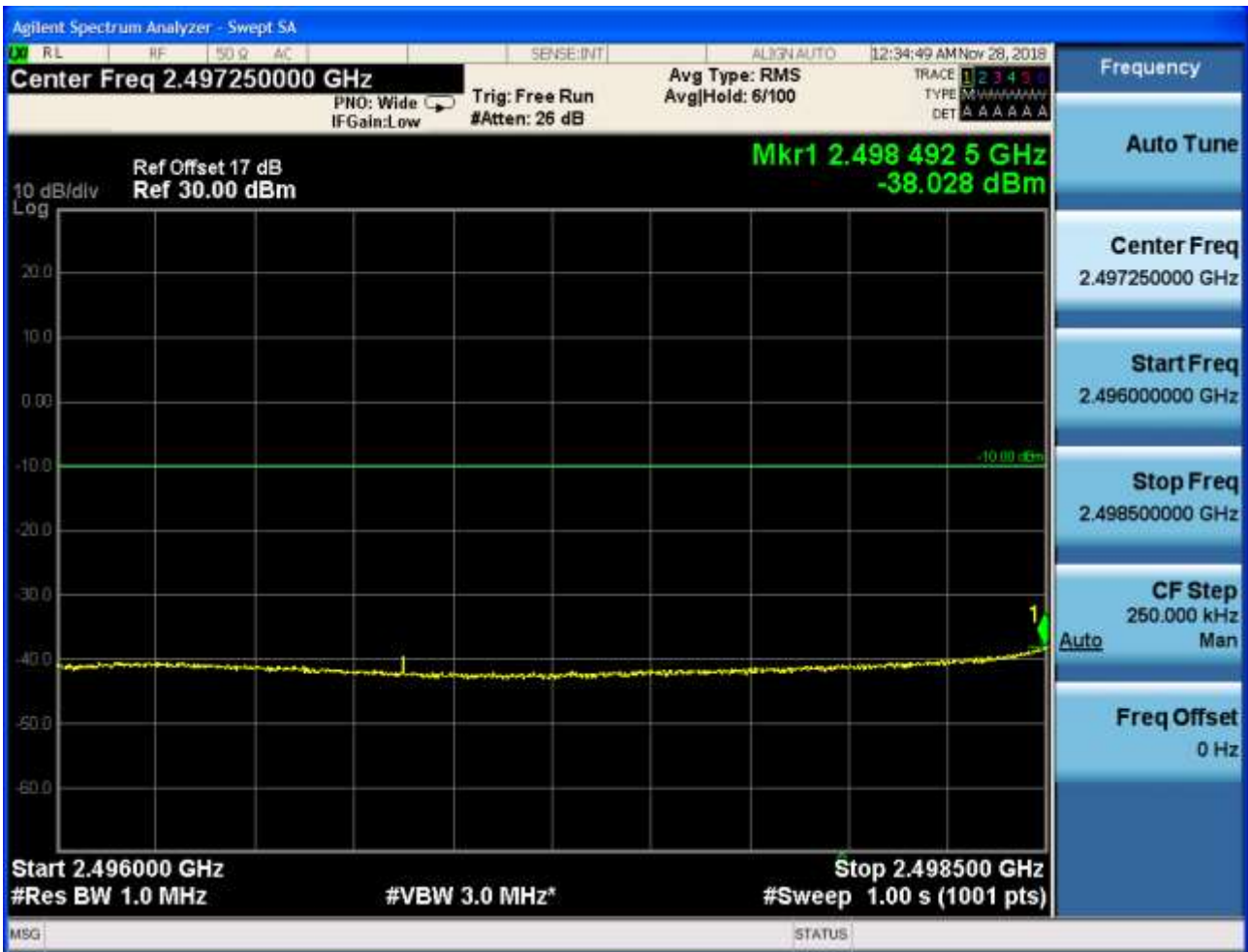


5.1.1.1.2 Test Bandwidth = 10

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#49



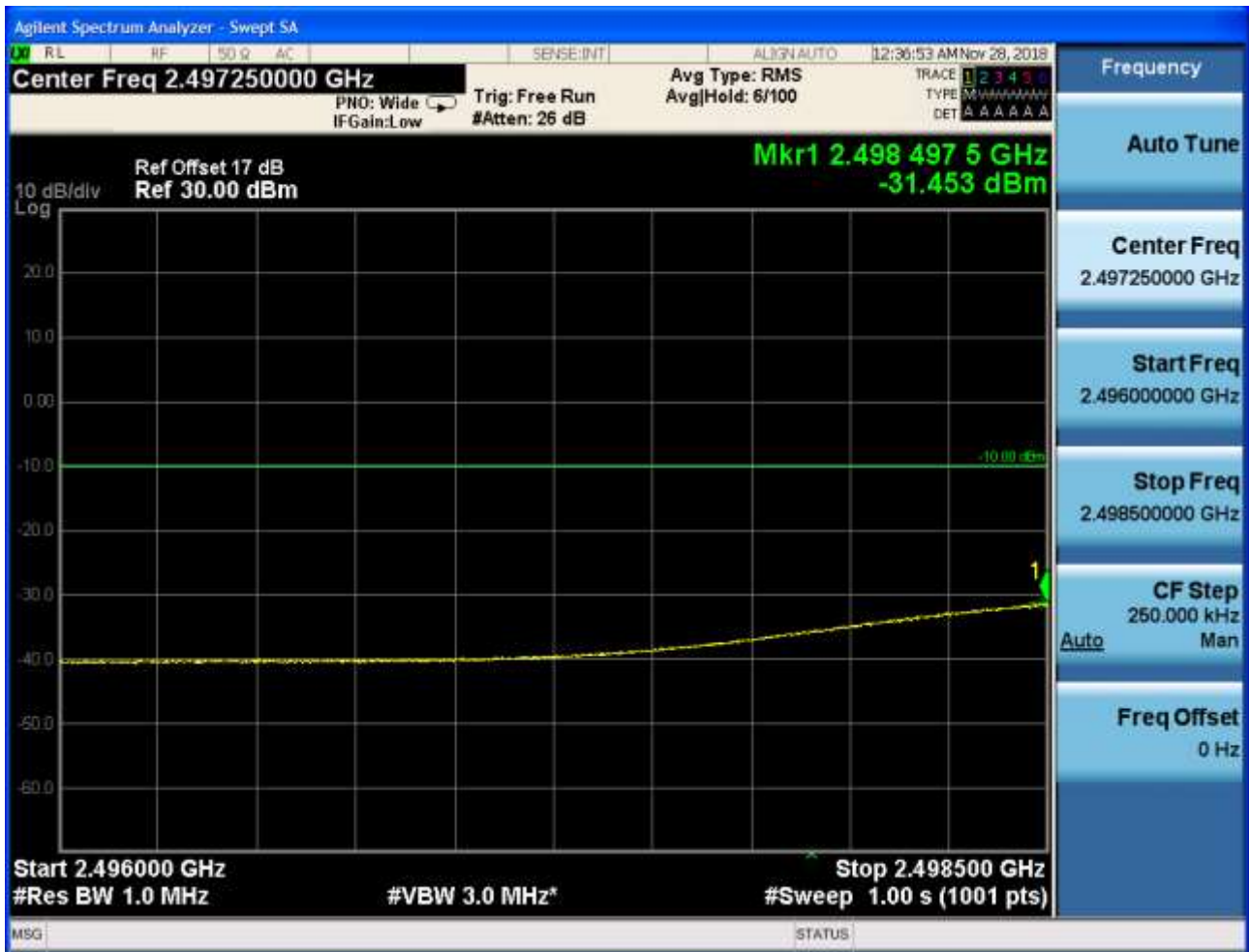






5.1.1.1.2.1.3 Test RB = RB25#13

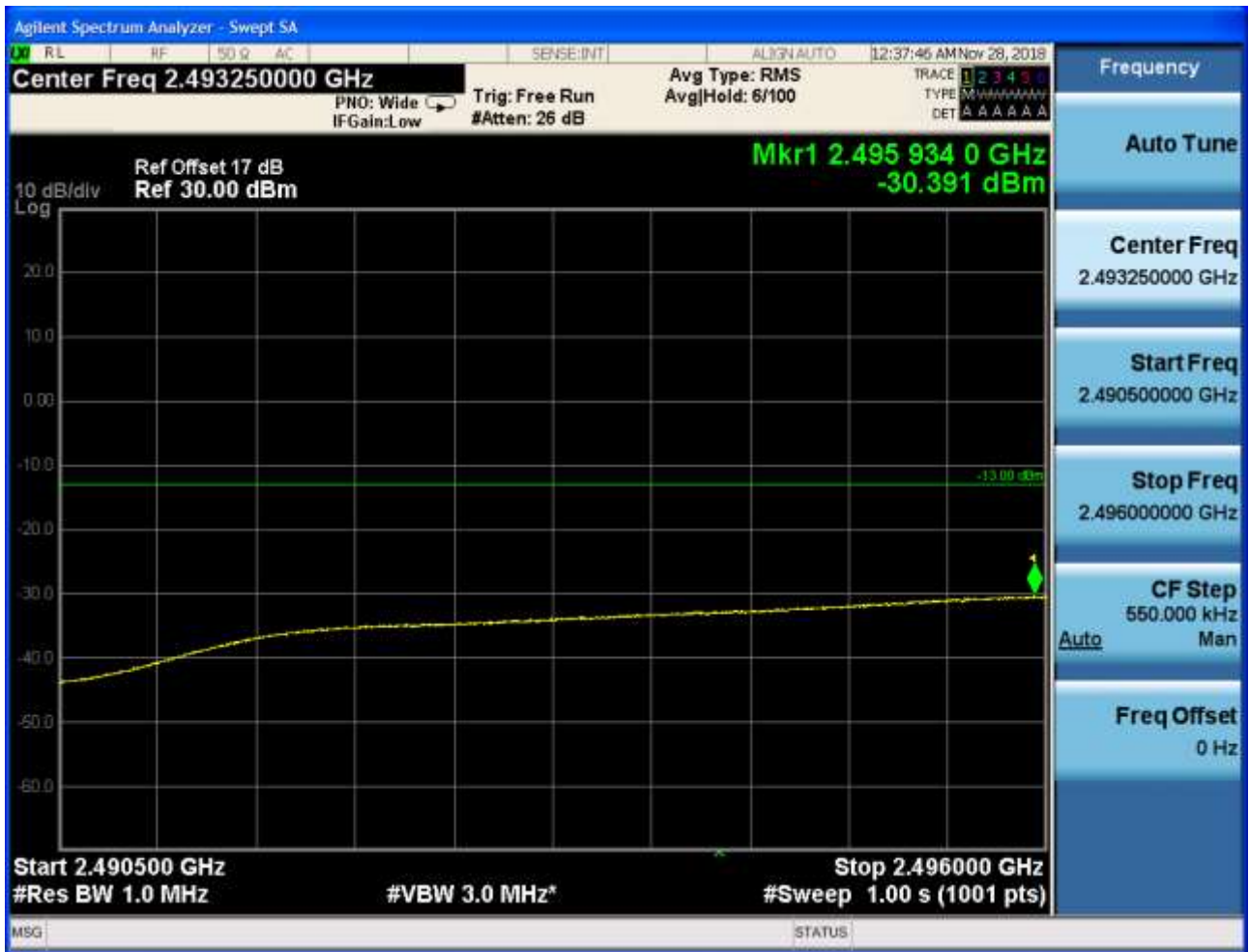


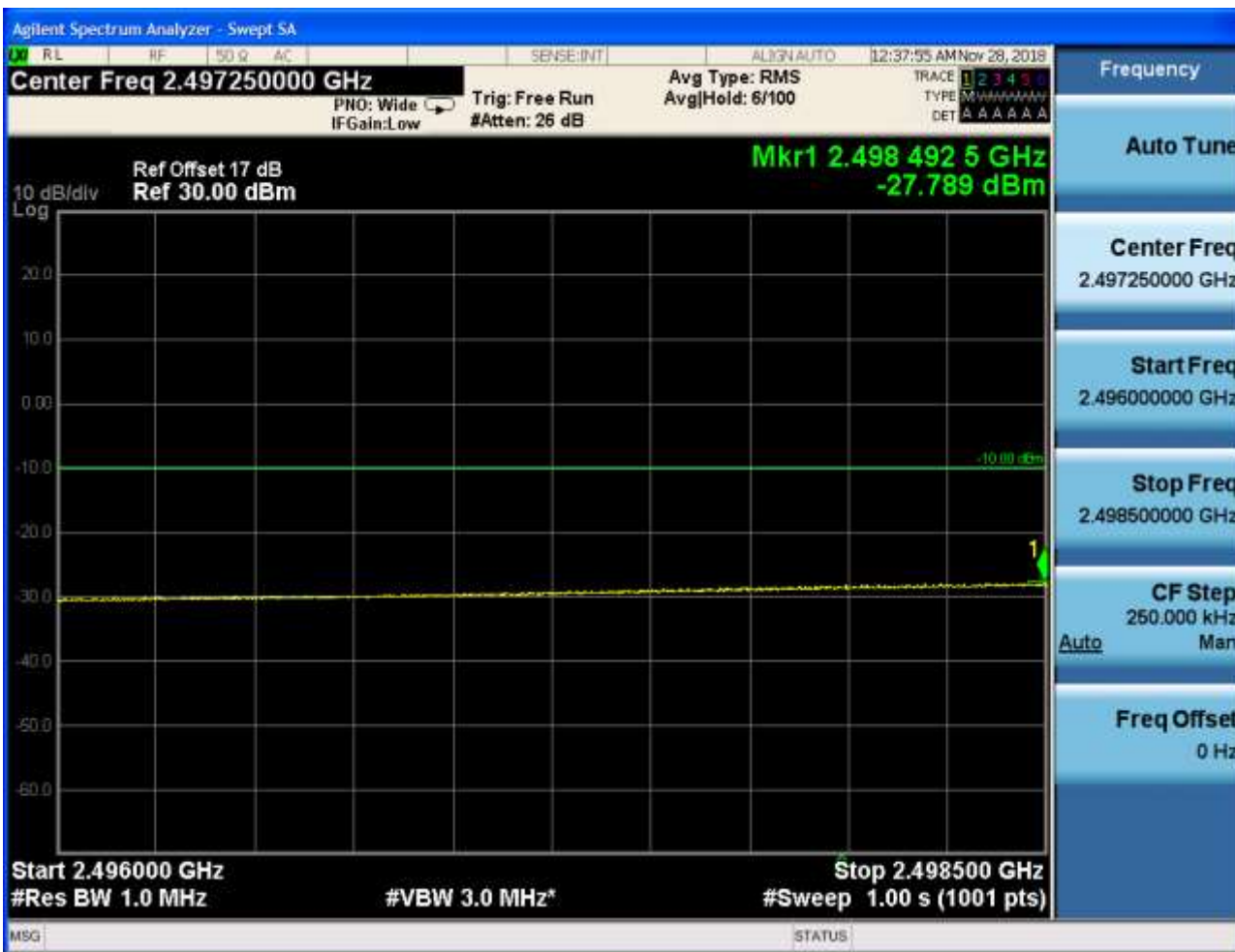






5.1.1.1.2.1.4 Test RB = RB50#0









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#49







5.1.1.1.2.2.3 Test RB = RB25#13

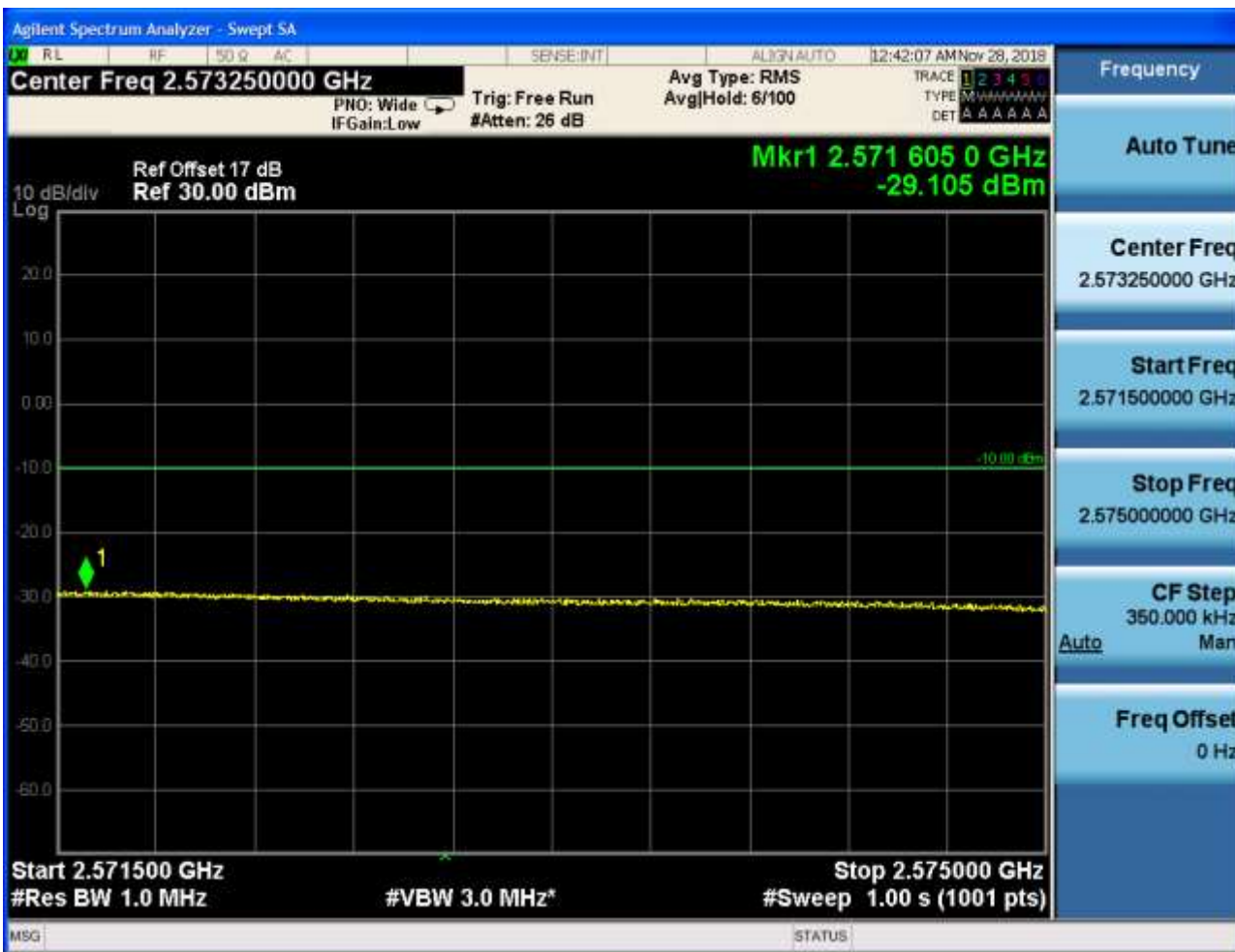






5.1.1.1.2.2.4 Test RB = RB50#0





5.1.1.1.3 Test Bandwidth = 15

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#74









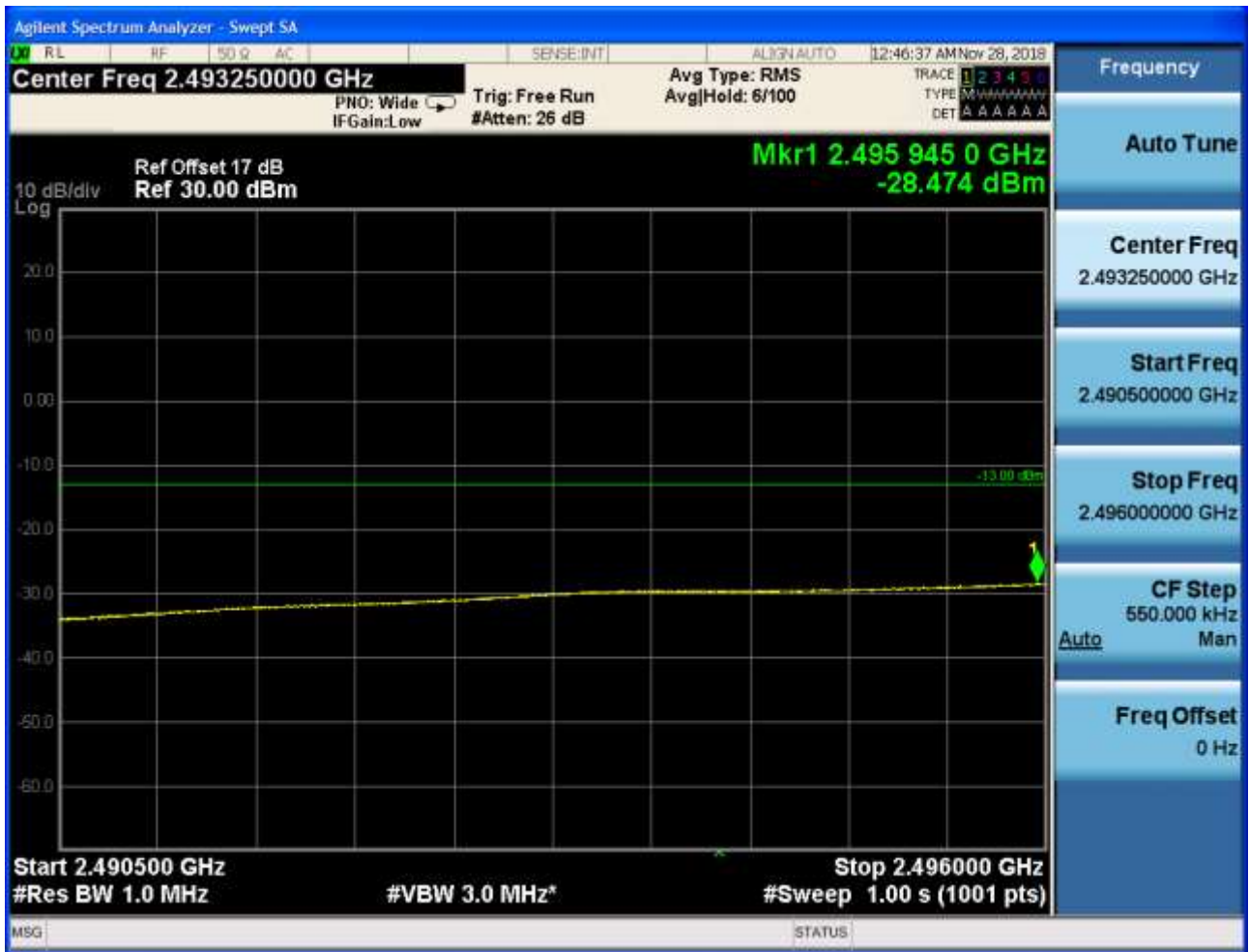
5.1.1.1.3.1.3 Test RB = RB38#19







5.1.1.1.3.1.4 Test RB = RB75#0









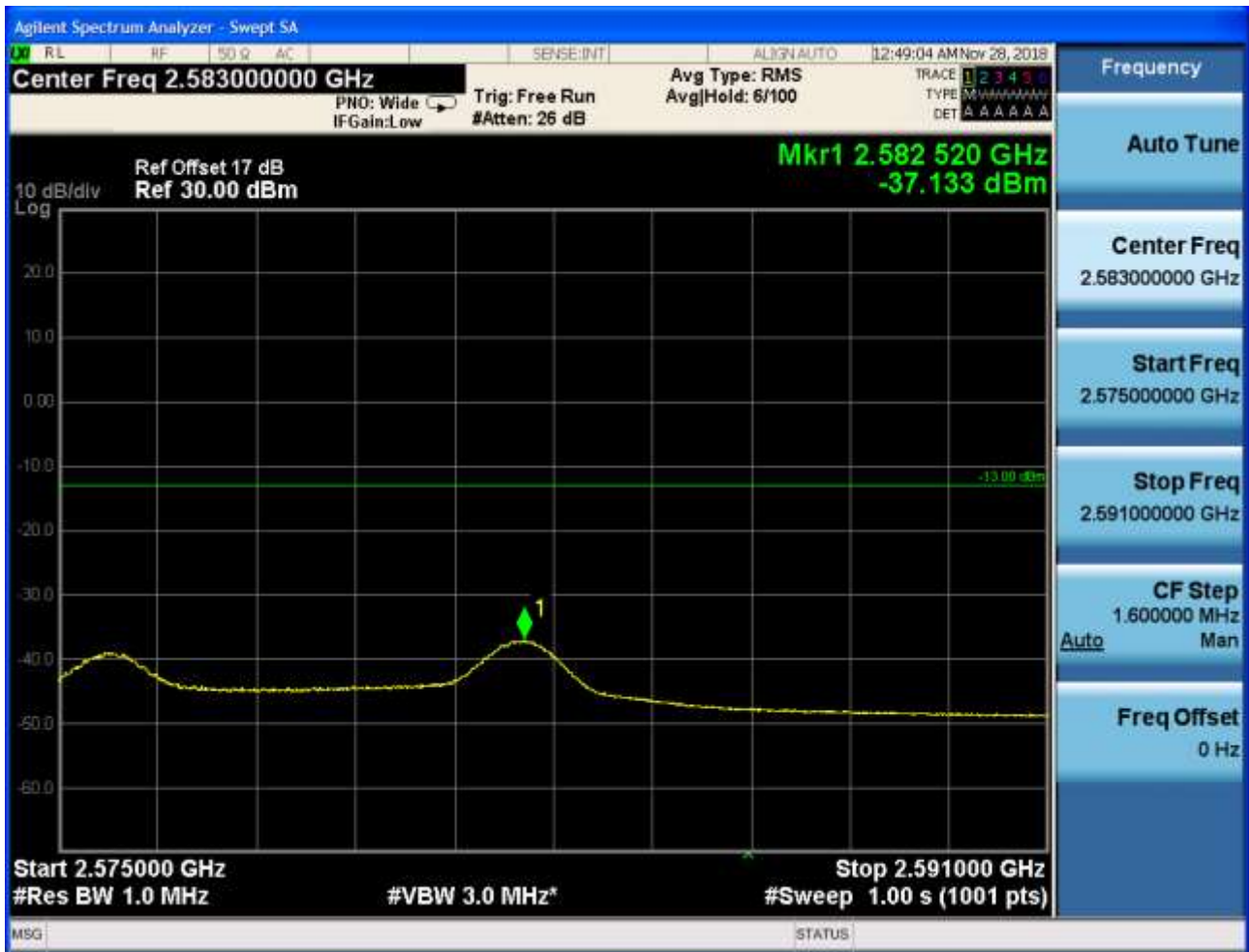




5.1.1.1.3.2.2 Test RB = RB1#74

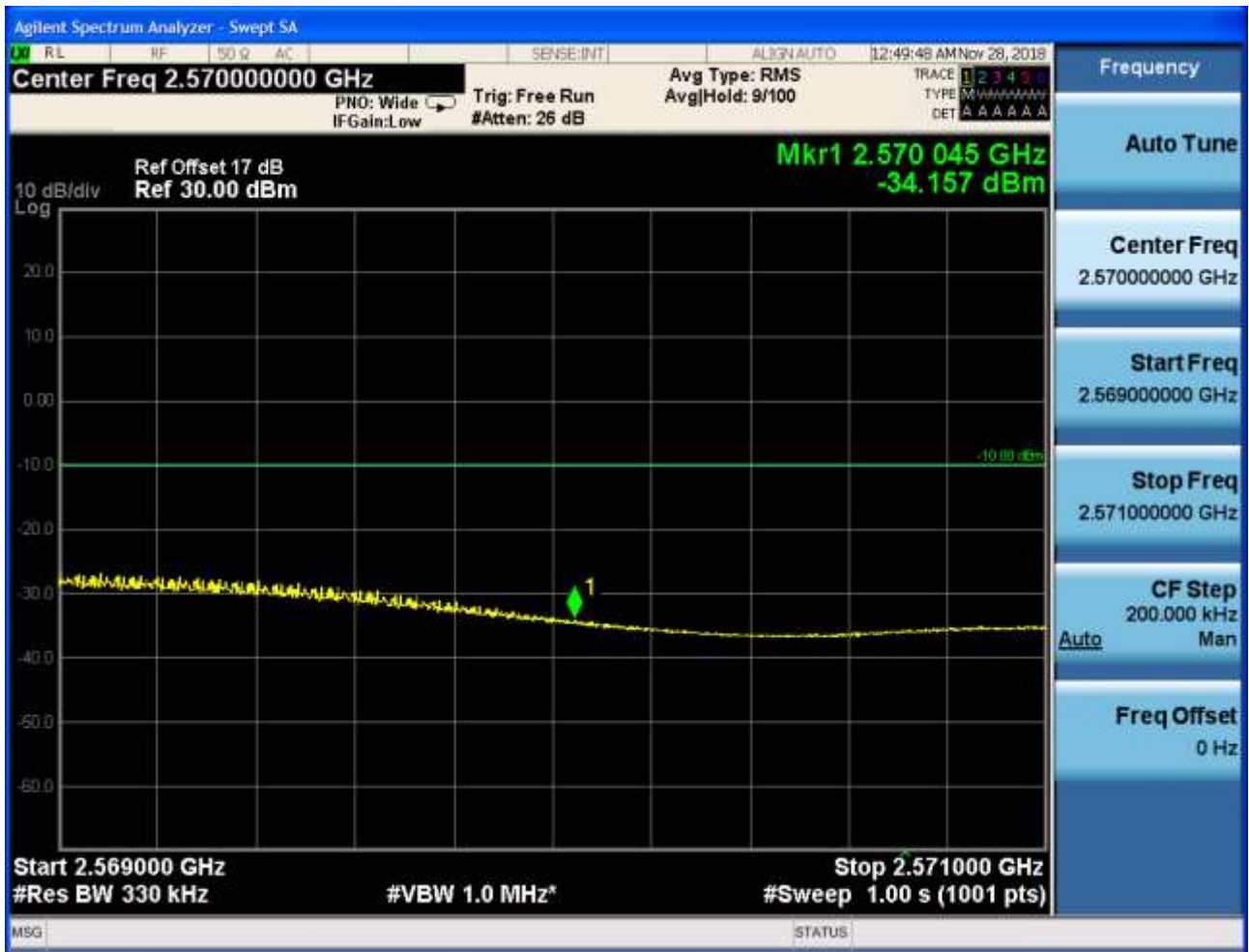


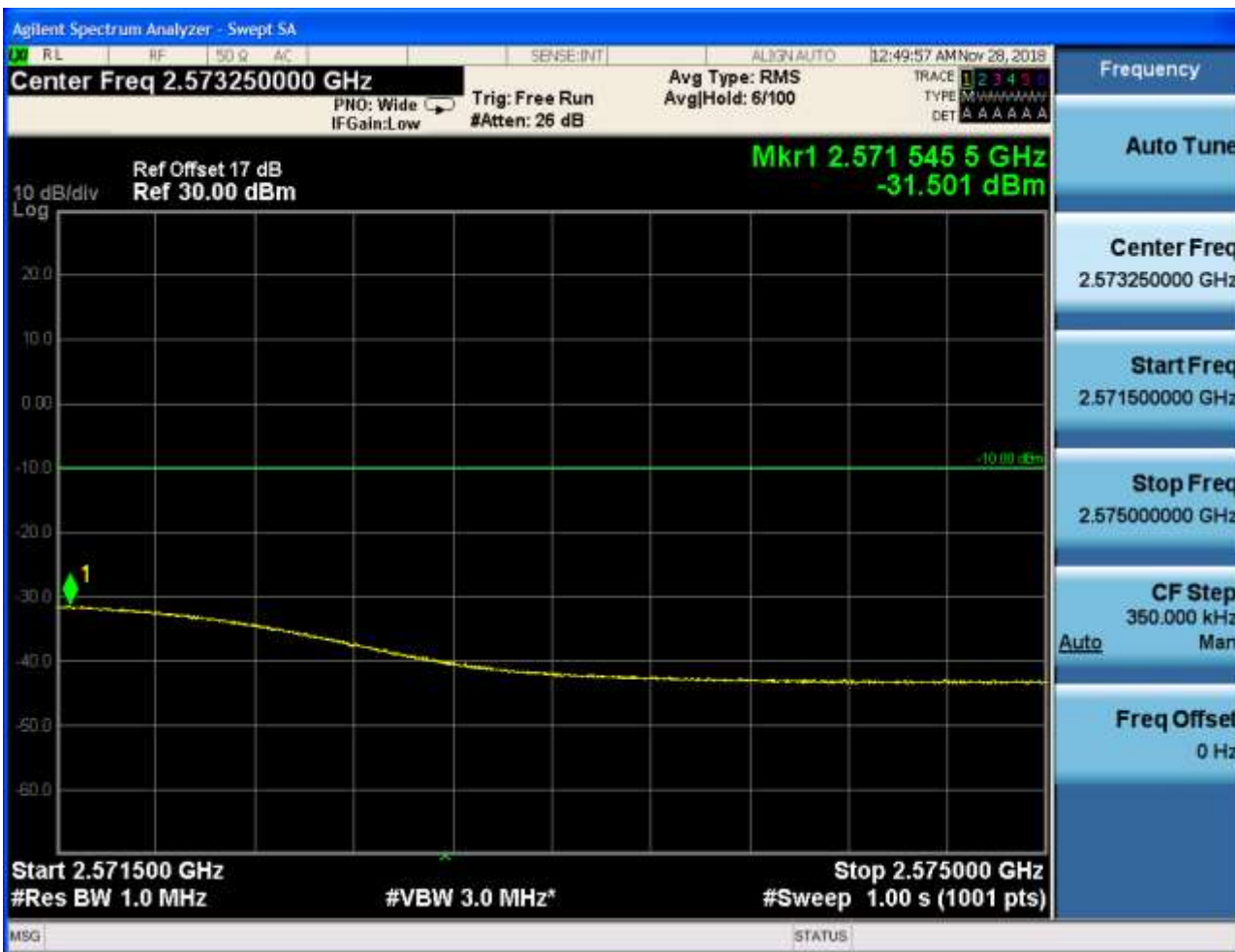






5.1.1.1.3.2.3 Test RB = RB38#19







5.1.1.1.3.2.4 Test RB = RB75#0







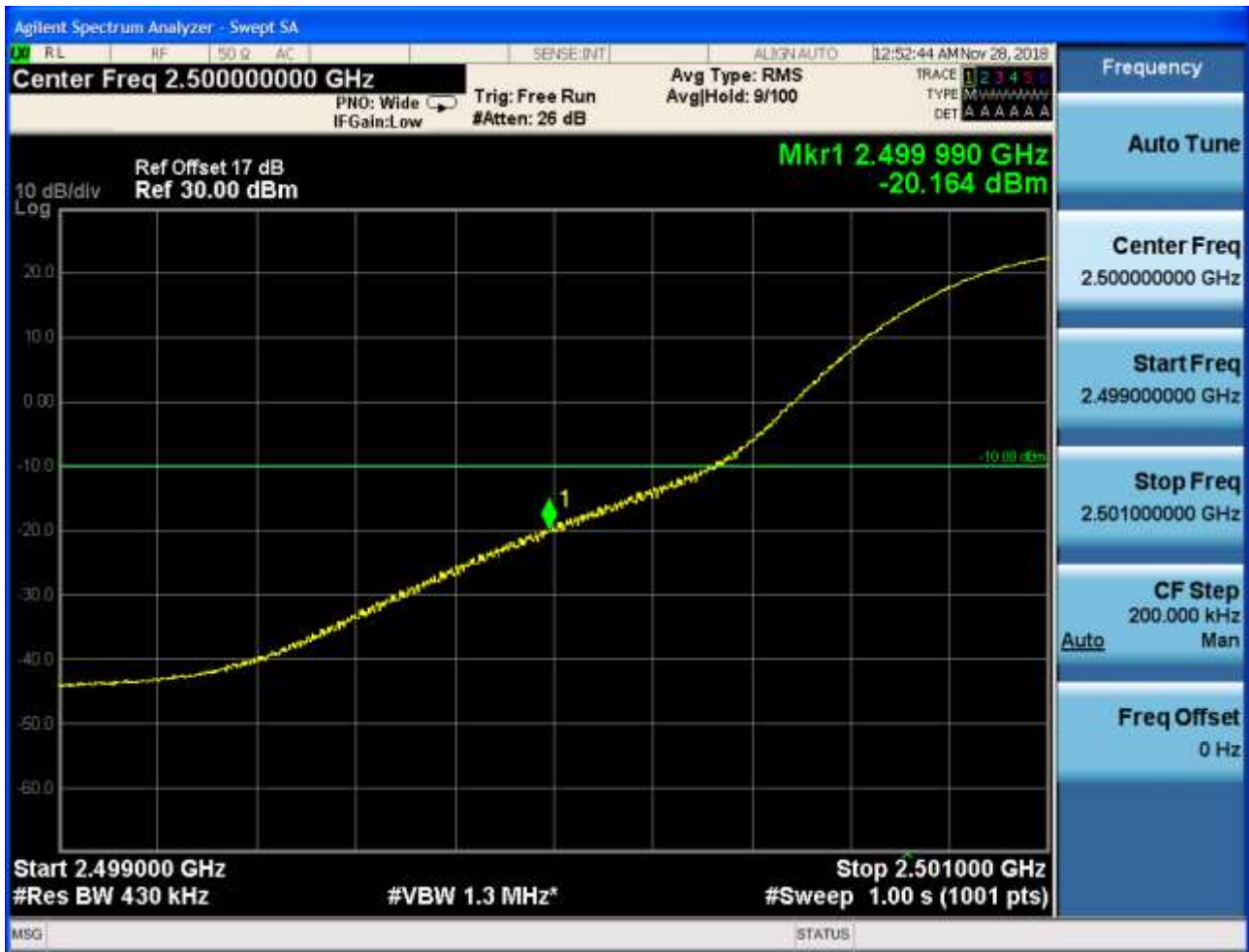
5.1.1.1.4 Test Bandwidth = 20

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#99

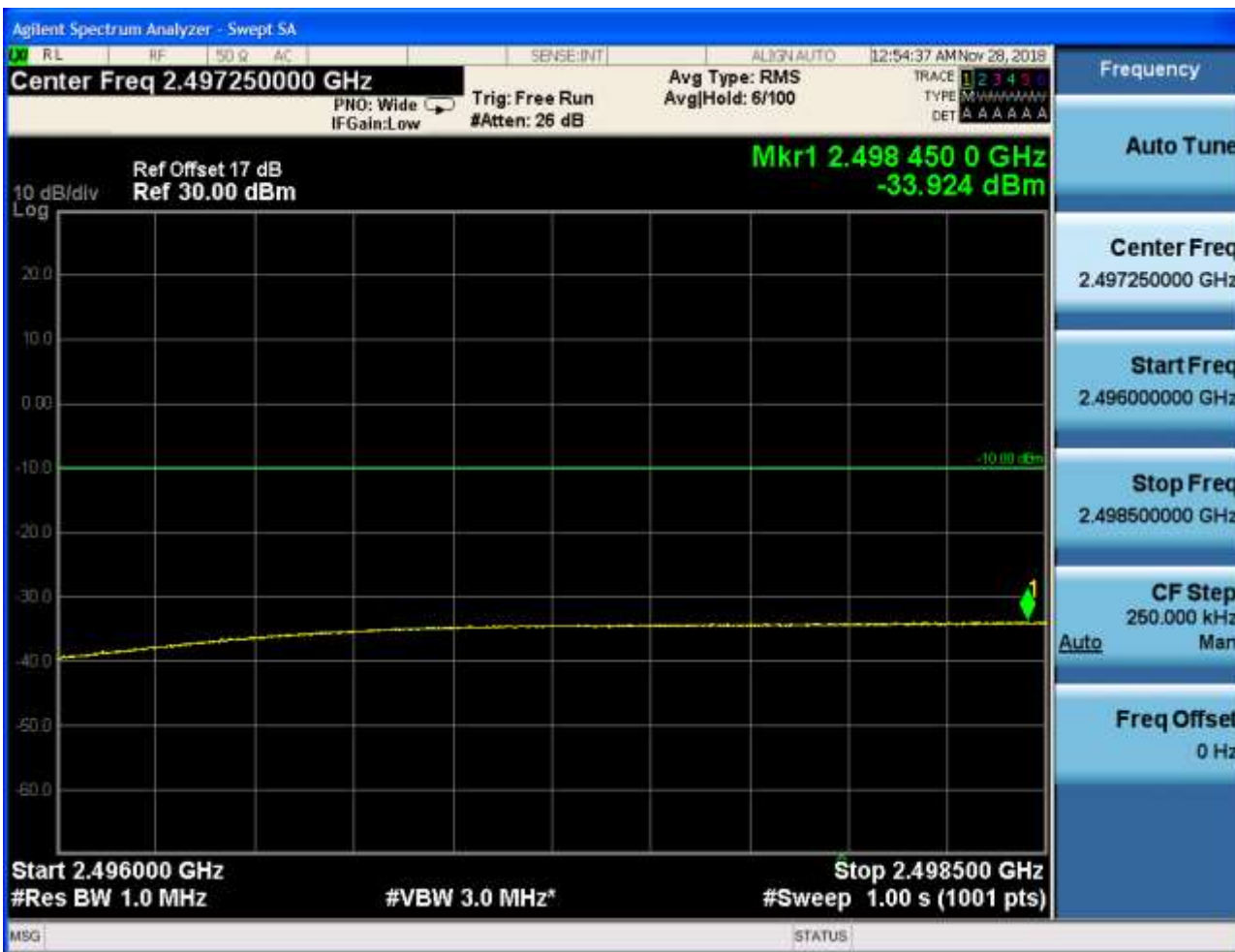






5.1.1.1.4.1.3 Test RB = RB50#25









5.1.1.1.4.1.4 Test RB = RB100#0



