



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 | 22.5 | 22.4 | 33 | PASS |
| | | | | RB1#13 | 22.67 | 22.57 | 33 | PASS |
| | | | | RB1#24 | 22.61 | 22.51 | 33 | PASS |
| | | | | RB12#0 | 21.75 | 21.65 | 33 | PASS |
| | | | | RB12#6 | 21.85 | 21.75 | 33 | PASS |
| | | | | RB12#13 | 21.81 | 21.71 | 33 | PASS |
| | | | | RB25#0 | 21.71 | 21.61 | 33 | PASS |
| | | | MCH | RB1#0 | 22.65 | 22.55 | 33 | PASS |
| | | | | RB1#13 | 22.84 | 22.74 | 33 | PASS |
| | | | | RB1#24 | 22.82 | 22.72 | 33 | PASS |
| | | | | RB12#0 | 21.66 | 21.56 | 33 | PASS |
| | | | | RB12#6 | 21.78 | 21.68 | 33 | PASS |
| | | | | RB12#13 | 21.72 | 21.62 | 33 | PASS |
| | | | | RB25#0 | 21.74 | 21.64 | 33 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | HCH | RB1#0 | 22.5 | 22.4 | 33 | PASS |
| | | | | RB1#13 | 22.59 | 22.49 | 33 | PASS |
| | | | | RB1#24 | 22.56 | 22.46 | 33 | PASS |
| | | | | RB12#0 | 21.84 | 21.74 | 33 | PASS |
| | | | | RB12#6 | 21.76 | 21.66 | 33 | PASS |
| | | | | RB12#13 | 21.69 | 21.59 | 33 | PASS |
| | | | | RB25#0 | 21.82 | 21.72 | 33 | PASS |
| | | 10 | LCH | RB1#0 | 22.7 | 22.6 | 33 | PASS |
| | | | | RB1#25 | 23.01 | 22.91 | 33 | PASS |
| | | | | RB1#49 | 22.67 | 22.57 | 33 | PASS |
| | | | | RB25#0 | 21.7 | 21.6 | 33 | PASS |
| | | | | RB25#13 | 21.84 | 21.74 | 33 | PASS |
| | | | | RB25#25 | 21.71 | 21.61 | 33 | PASS |
| | | | | RB50#0 | 21.7 | 21.6 | 33 | PASS |
| | | | MCH | RB1#0 | 22.63 | 22.53 | 33 | PASS |
| | | | | RB1#25 | 23 | 22.9 | 33 | PASS |
| | | | | RB1#49 | 22.62 | 22.52 | 33 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB25#0 | 21.72 | 21.62 | 33 | PASS |
| | | | | RB25#13 | 21.78 | 21.68 | 33 | PASS |
| | | | | RB25#25 | 21.71 | 21.61 | 33 | PASS |
| | | | | RB50#0 | 21.76 | 21.66 | 33 | PASS |
| | | | HCH | RB1#0 | 22.73 | 22.63 | 33 | PASS |
| | | | | RB1#25 | 23.05 | 22.95 | 33 | PASS |
| | | | | RB1#49 | 22.72 | 22.62 | 33 | PASS |
| | | | | RB25#0 | 21.85 | 21.75 | 33 | PASS |
| | | | | RB25#13 | 21.97 | 21.87 | 33 | PASS |
| | | | | RB25#25 | 21.81 | 21.71 | 33 | PASS |
| | | | | RB50#0 | 21.9 | 21.8 | 33 | PASS |
| | | | | LCH | RB1#0 | 22.75 | 22.65 | 33 |
| | | | RB1#38 | | 22.84 | 22.74 | 33 | PASS |
| | | | RB1#74 | | 22.66 | 22.56 | 33 | PASS |
| | | RB36#0 | 21.71 | | 21.61 | 33 | PASS | |
| | | RB36#18 | 21.75 | | 21.65 | 33 | PASS | |
| | | RB36#39 | 21.63 | | 21.53 | 33 | PASS | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB75#0 | 21.68 | 21.58 | 33 | PASS |
| | | | MCH | RB1#0 | 22.48 | 22.38 | 33 | PASS |
| | | | | RB1#38 | 22.66 | 22.56 | 33 | PASS |
| | | | | RB1#74 | 22.48 | 22.38 | 33 | PASS |
| | | | | RB36#0 | 21.69 | 21.59 | 33 | PASS |
| | | | | RB36#18 | 21.79 | 21.69 | 33 | PASS |
| | | | | RB36#39 | 21.74 | 21.64 | 33 | PASS |
| | | | | RB75#0 | 21.62 | 21.52 | 33 | PASS |
| | | | | HCH | RB1#0 | 22.46 | 22.36 | 33 |
| | | | RB1#38 | | 22.79 | 22.69 | 33 | PASS |
| | | | RB1#74 | | 22.58 | 22.48 | 33 | PASS |
| | | | RB36#0 | | 21.73 | 21.63 | 33 | PASS |
| | | | RB36#18 | | 21.9 | 21.8 | 33 | PASS |
| | | | RB36#39 | | 21.85 | 21.75 | 33 | PASS |
| | | | RB75#0 | | 21.69 | 21.59 | 33 | PASS |
| | | 20 | LCH | RB1#0 | 22.07 | 21.97 | 33 | PASS |
| | | | | RB1#50 | 22.69 | 22.59 | 33 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB1#99 | 22.03 | 21.93 | 33 | PASS |
| | | | | RB50#0 | 21.79 | 21.69 | 33 | PASS |
| | | | | RB50#25 | 21.79 | 21.69 | 33 | PASS |
| | | | | RB50#50 | 21.56 | 21.46 | 33 | PASS |
| | | | | RB100#0 | 21.67 | 21.57 | 33 | PASS |
| | | | MCH | RB1#0 | 22.35 | 22.25 | 33 | PASS |
| | | | MCH | RB1#50 | 22.64 | 22.54 | 33 | PASS |
| | | | MCH | RB1#99 | 22.39 | 22.29 | 33 | PASS |
| | | | MCH | RB50#0 | 21.65 | 21.55 | 33 | PASS |
| | | | MCH | RB50#25 | 21.75 | 21.65 | 33 | PASS |
| | | | MCH | RB50#50 | 21.66 | 21.56 | 33 | PASS |
| | | | MCH | RB100#0 | 21.7 | 21.6 | 33 | PASS |
| | | | HCH | RB1#0 | 22.77 | 22.67 | 33 | PASS |
| | | | HCH | RB1#50 | 23.32 | 23.22 | 33 | PASS |
| | | | HCH | RB1#99 | 22.97 | 22.87 | 33 | PASS |
| | | | HCH | RB50#0 | 21.77 | 21.67 | 33 | PASS |
| | | | HCH | RB50#25 | 21.86 | 21.76 | 33 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB50#50 | 21.83 | 21.73 | 33 | PASS |
| | | | | RB100#0 | 21.79 | 21.69 | 33 | PASS |
| | LTE/TM2 | 5 | LCH | RB1#0 | 21.46 | 21.36 | 33 | PASS |
| | | | | RB1#13 | 21.39 | 21.29 | 33 | PASS |
| | | | | RB1#24 | 21.15 | 21.05 | 33 | PASS |
| | | | | RB12#0 | 20.74 | 20.64 | 33 | PASS |
| | | | | RB12#6 | 20.96 | 20.86 | 33 | PASS |
| | | | | RB12#13 | 20.83 | 20.73 | 33 | PASS |
| | | | | RB25#0 | 20.86 | 20.76 | 33 | PASS |
| | | | MCH | RB1#0 | 21.07 | 20.97 | 33 | PASS |
| | | | | RB1#13 | 21.14 | 21.04 | 33 | PASS |
| | | | | RB1#24 | 21.12 | 21.02 | 33 | PASS |
| | | | | RB12#0 | 20.7 | 20.6 | 33 | PASS |
| | | | | RB12#6 | 20.83 | 20.73 | 33 | PASS |
| | | | | RB12#13 | 20.77 | 20.67 | 33 | PASS |
| HCH | RB25#0 | 20.64 | 20.54 | 33 | PASS | | | |
| | RB1#0 | 21.93 | 21.83 | 33 | PASS | | | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict | |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|------|
| | | | | RB1#13 | 22.09 | 21.99 | 33 | PASS | |
| | | | | RB1#24 | 22.05 | 21.95 | 33 | PASS | |
| | | | | RB12#0 | 20.78 | 20.68 | 33 | PASS | |
| | | | | RB12#6 | 20.8 | 20.7 | 33 | PASS | |
| | | | | RB12#13 | 20.73 | 20.63 | 33 | PASS | |
| | | | | RB25#0 | 20.73 | 20.63 | 33 | PASS | |
| | | 10 | LCH | RB1#0 | 21.71 | 21.61 | 33 | PASS | |
| | | | | RB1#25 | 22.09 | 21.99 | 33 | PASS | |
| | | | | RB1#49 | 21.68 | 21.58 | 33 | PASS | |
| | | | | RB25#0 | 20.79 | 20.69 | 33 | PASS | |
| | | | | RB25#13 | 20.96 | 20.86 | 33 | PASS | |
| | | | | RB25#25 | 20.87 | 20.77 | 33 | PASS | |
| | | | | RB50#0 | 20.75 | 20.65 | 33 | PASS | |
| | | | | MCH | RB1#0 | 21.34 | 21.24 | 33 | PASS |
| | | | | | RB1#25 | 21.94 | 21.84 | 33 | PASS |
| | | | | | RB1#49 | 21.36 | 21.26 | 33 | PASS |
| RB25#0 | 20.66 | 20.56 | 33 | | PASS | | | | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB25#13 | 20.82 | 20.72 | 33 | PASS |
| | | | | RB25#25 | 20.76 | 20.66 | 33 | PASS |
| | | | | RB50#0 | 20.82 | 20.72 | 33 | PASS |
| | | | HCH | RB1#0 | 21.24 | 21.14 | 33 | PASS |
| | | | | RB1#25 | 21.85 | 21.75 | 33 | PASS |
| | | | | RB1#49 | 20.99 | 20.89 | 33 | PASS |
| | | | | RB25#0 | 21.07 | 20.97 | 33 | PASS |
| | | | | RB25#13 | 21.2 | 21.1 | 33 | PASS |
| | | | | RB25#25 | 21.05 | 20.95 | 33 | PASS |
| | | RB50#0 | 20.87 | 20.77 | 33 | PASS | | |
| | | 15 | LCH | RB1#0 | 21.77 | 21.67 | 33 | PASS |
| | | | | RB1#38 | 21.77 | 21.67 | 33 | PASS |
| | | | | RB1#74 | 21.41 | 21.31 | 33 | PASS |
| | | | | RB36#0 | 20.82 | 20.72 | 33 | PASS |
| | | | | RB36#18 | 20.94 | 20.84 | 33 | PASS |
| RB36#39 | 20.81 | | | 20.71 | 33 | PASS | | |
| | | | RB75#0 | 20.85 | 20.75 | 33 | PASS | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | MCH | RB1#0 | 21.84 | 21.74 | 33 | PASS |
| | | | | RB1#38 | 21.51 | 21.41 | 33 | PASS |
| | | | | RB1#74 | 21.22 | 21.12 | 33 | PASS |
| | | | | RB36#0 | 20.5 | 20.4 | 33 | PASS |
| | | | | RB36#18 | 20.81 | 20.71 | 33 | PASS |
| | | | | RB36#39 | 20.75 | 20.65 | 33 | PASS |
| | | | | RB75#0 | 20.77 | 20.67 | 33 | PASS |
| | | | HCH | RB1#0 | 21.4 | 21.3 | 33 | PASS |
| | | | | RB1#38 | 21.57 | 21.47 | 33 | PASS |
| | | | | RB1#74 | 21.54 | 21.44 | 33 | PASS |
| | | | | RB36#0 | 20.82 | 20.72 | 33 | PASS |
| | | | | RB36#18 | 20.89 | 20.79 | 33 | PASS |
| | | | | RB36#39 | 20.94 | 20.84 | 33 | PASS |
| | | | | RB75#0 | 20.67 | 20.57 | 33 | PASS |
| | | 20 | LCH | RB1#0 | 21.82 | 21.72 | 33 | PASS |
| RB1#50 | 21.97 | 21.87 | | 33 | PASS | | | |
| RB1#99 | 21.34 | 21.24 | | 33 | PASS | | | |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB50#0 | 20.85 | 20.75 | 33 | PASS |
| | | | | RB50#25 | 20.84 | 20.74 | 33 | PASS |
| | | | | RB50#50 | 20.61 | 20.51 | 33 | PASS |
| | | | | RB100#0 | 20.64 | 20.54 | 33 | PASS |
| | | | MCH | RB1#0 | 21.17 | 21.07 | 33 | PASS |
| | | | | RB1#50 | 22 | 21.9 | 33 | PASS |
| | | | | RB1#99 | 21.36 | 21.26 | 33 | PASS |
| | | | | RB50#0 | 20.5 | 20.4 | 33 | PASS |
| | | | | RB50#25 | 20.83 | 20.73 | 33 | PASS |
| | | | | RB50#50 | 20.64 | 20.54 | 33 | PASS |
| | | | | RB100#0 | 20.74 | 20.64 | 33 | PASS |
| | | | | HCH | RB1#0 | 21.62 | 21.52 | 33 |
| | | | RB1#50 | | 22.05 | 21.95 | 33 | PASS |
| | | | RB1#99 | | 21.78 | 21.68 | 33 | PASS |
| | | | RB50#0 | | 20.77 | 20.67 | 33 | PASS |
| | | | RB50#25 | | 20.74 | 20.64 | 33 | PASS |
| | | | RB50#50 | | 20.8 | 20.7 | 33 | PASS |



| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
| | | | | RB100#0 | 20.79 | 20.69 | 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:

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

SET RBW=1%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 | 3.15 | 13 | PASS |
| | | | | RB1#13 | 2.72 | 13 | PASS |
| | | | | RB1#24 | 3.19 | 13 | PASS |
| | | | | RB12#0 | 4.26 | 13 | PASS |
| | | | | RB12#6 | 4.07 | 13 | PASS |
| | | | | RB12#13 | 4.46 | 13 | PASS |
| | | | MCH | RB25#0 | 5.04 | 13 | PASS |
| | | | | RB1#0 | 3.32 | 13 | PASS |
| | | | | RB1#13 | 2.96 | 13 | PASS |
| | | | | RB1#24 | 3.33 | 13 | PASS |
| | | | | RB12#0 | 4.44 | 13 | PASS |
| | | | | RB12#6 | 4.27 | 13 | PASS |
| | | | HCH | RB12#13 | 4.53 | 13 | PASS |
| | | | | RB25#0 | 5.14 | 13 | PASS |
| | | | | RB1#0 | 3.35 | 13 | PASS |
| | | | | RB1#13 | 3.2 | 13 | PASS |
| | | | | RB1#24 | 3.42 | 13 | PASS |
| | | | | RB12#0 | 4.65 | 13 | PASS |
| | | 10 | LCH | RB12#6 | 4.49 | 13 | PASS |
| | | | | RB12#13 | 4.72 | 13 | PASS |
| | | | | RB25#0 | 5.26 | 13 | PASS |
| | | | | RB1#0 | 3.06 | 13 | PASS |
| | | | | RB1#25 | 2.79 | 13 | PASS |
| | | | | RB1#49 | 3.41 | 13 | PASS |
| | | | MCH | RB25#0 | 4.34 | 13 | PASS |
| | | | | RB25#13 | 4.31 | 13 | PASS |
| | | | | RB25#25 | 4.74 | 13 | PASS |
| | | | | RB50#0 | 5.16 | 13 | PASS |
| MCH | RB1#0 | 3.27 | 13 | PASS | | | |
| | RB1#25 | 2.97 | 13 | PASS | | | |
| | RB1#49 | 3.49 | 13 | PASS | | | |
| | RB25#0 | 4.51 | 13 | PASS | | | |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB25#13 | 4.38 | 13 | PASS |
| | | | | RB25#25 | 4.57 | 13 | PASS |
| | | | | RB50#0 | 5.16 | 13 | PASS |
| | | | HCH | RB1#0 | 3.35 | 13 | PASS |
| | | | | RB1#25 | 3.23 | 13 | PASS |
| | | | | RB1#49 | 3.38 | 13 | PASS |
| | | | | RB25#0 | 4.72 | 13 | PASS |
| | | | | RB25#13 | 4.64 | 13 | PASS |
| | | | | RB25#25 | 4.77 | 13 | PASS |
| | | | LCH | RB50#0 | 5.21 | 13 | PASS |
| | | | | RB1#0 | 2.93 | 13 | PASS |
| | | | | RB1#38 | 2.93 | 13 | PASS |
| | | RB1#74 | | 3.56 | 13 | PASS | |
| | | RB36#0 | | 4.69 | 13 | PASS | |
| | | RB36#18 | | 4.54 | 13 | PASS | |
| | | MCH | RB36#39 | 5 | 13 | PASS | |
| | | | RB75#0 | 5.56 | 13 | PASS | |
| | | | RB1#0 | 3.38 | 13 | PASS | |
| | | | RB1#38 | 3 | 13 | PASS | |
| | | | RB1#74 | 3.6 | 13 | PASS | |
| | | | RB36#0 | 4.73 | 13 | PASS | |
| | | | RB36#18 | 4.5 | 13 | PASS | |
| | | HCH | RB36#39 | 4.84 | 13 | PASS | |
| | | | RB75#0 | 5.46 | 13 | PASS | |
| | | | RB1#0 | 3.75 | 13 | PASS | |
| | | | RB1#38 | 3.23 | 13 | PASS | |
| | | | RB1#74 | 3.64 | 13 | PASS | |
| | | | RB36#0 | 4.95 | 13 | PASS | |
| | | 20 | LCH | RB36#18 | 4.51 | 13 | PASS |
| | | | | RB36#39 | 4.88 | 13 | PASS |
| | | | | RB75#0 | 5.43 | 13 | PASS |
| | | | | RB1#0 | 3.96 | 13 | PASS |
| | | | | RB1#50 | 4.07 | 13 | PASS |
| RB1#99 | 4.6 | | | 13 | PASS | | |
| RB50#0 | 4.73 | | | 13 | PASS | | |
| RB50#25 | 4.68 | 13 | PASS | | | | |
| RB50#50 | 5.13 | 13 | PASS | | | | |
| RB100#0 | 5.52 | 13 | PASS | | | | |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | LTE/TM2 | 5 | MCH | RB1#0 | 4.32 | 13 | PASS |
| | | | | RB1#50 | 3.99 | 13 | PASS |
| | | | | RB1#99 | 4.5 | 13 | PASS |
| | | | | RB50#0 | 4.65 | 13 | PASS |
| | | | | RB50#25 | 4.4 | 13 | PASS |
| | | | | RB50#50 | 4.8 | 13 | PASS |
| | | | | RB100#0 | 5.42 | 13 | PASS |
| | | | HCH | RB1#0 | 4.44 | 13 | PASS |
| | | | | RB1#50 | 4.06 | 13 | PASS |
| | | | | RB1#99 | 4.32 | 13 | PASS |
| | | | | RB50#0 | 5 | 13 | PASS |
| | | | | RB50#25 | 4.62 | 13 | PASS |
| | | | | RB50#50 | 4.74 | 13 | PASS |
| | | | | RB100#0 | 5.45 | 13 | PASS |
| | LCH | RB1#0 | 4.07 | 13 | PASS | | |
| | | RB1#13 | 3.91 | 13 | PASS | | |
| | | RB1#24 | 4.32 | 13 | PASS | | |
| | | RB12#0 | 5.09 | 13 | PASS | | |
| | | RB12#6 | 4.95 | 13 | PASS | | |
| | | RB12#13 | 5.24 | 13 | PASS | | |
| | | RB25#0 | 5.78 | 13 | PASS | | |
| | | MCH | RB1#0 | 4.22 | 13 | PASS | |
| | | | RB1#13 | 4.04 | 13 | PASS | |
| | | | RB1#24 | 4.32 | 13 | PASS | |
| | | | RB12#0 | 5.33 | 13 | PASS | |
| | | | RB12#6 | 5.18 | 13 | PASS | |
| | | | RB12#13 | 5.45 | 13 | PASS | |
| | | | RB25#0 | 5.88 | 13 | PASS | |
| | | HCH | RB1#0 | 4.08 | 13 | PASS | |
| | RB1#13 | | 4.09 | 13 | PASS | | |
| | RB1#24 | | 4.16 | 13 | PASS | | |
| | RB12#0 | | 5.51 | 13 | PASS | | |
| | RB12#6 | | 5.37 | 13 | PASS | | |
| RB12#13 | 5.58 | | 13 | PASS | | | |
| RB25#0 | 6 | | 13 | PASS | | | |
| LCH | RB1#0 | 3.85 | 13 | PASS | | | |
| | RB1#25 | 3.7 | 13 | PASS | | | |
| | RB1#49 | 4.3 | 13 | PASS | | | |
| | | 10 | | | | | |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict | |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|------|
| | | | | RB25#0 | 5.41 | 13 | PASS | |
| | | | | RB25#13 | 5.34 | 13 | PASS | |
| | | | | RB25#25 | 5.82 | 13 | PASS | |
| | | | | RB50#0 | 6.02 | 13 | PASS | |
| | | | MCH | RB1#0 | 4.09 | 13 | PASS | |
| | | | | RB1#25 | 3.84 | 13 | PASS | |
| | | | | RB1#49 | 4.29 | 13 | PASS | |
| | | | | RB25#0 | 5.52 | 13 | PASS | |
| | | | | RB25#13 | 5.36 | 13 | PASS | |
| | | | | RB25#25 | 5.64 | 13 | PASS | |
| | | | HCH | RB50#0 | 6.03 | 13 | PASS | |
| | | | | RB1#0 | 4.33 | 13 | PASS | |
| | | | | RB1#25 | 4.22 | 13 | PASS | |
| | | | | RB1#49 | 4.57 | 13 | PASS | |
| | | | | RB25#0 | 5.56 | 13 | PASS | |
| | | | | RB25#13 | 5.58 | 13 | PASS | |
| | | | 15 | LCH | RB25#25 | 5.62 | 13 | PASS |
| | | | | | RB50#0 | 6.2 | 13 | PASS |
| | | RB1#0 | | | 4.36 | 13 | PASS | |
| | | RB1#38 | | | 4.12 | 13 | PASS | |
| | | RB1#74 | | | 4.81 | 13 | PASS | |
| | | RB36#0 | | | 5.53 | 13 | PASS | |
| | | MCH | | RB36#18 | 5.47 | 13 | PASS | |
| | | | | RB36#39 | 5.93 | 13 | PASS | |
| | | | | RB75#0 | 6.49 | 13 | PASS | |
| | | | | RB1#0 | 4.53 | 13 | PASS | |
| | | | | RB1#38 | 3.81 | 13 | PASS | |
| | | | | RB1#74 | 4.44 | 13 | PASS | |
| | | HCH | | RB36#0 | 5.6 | 13 | PASS | |
| | | | | RB36#18 | 5.45 | 13 | PASS | |
| | | | | RB36#39 | 5.73 | 13 | PASS | |
| | | | | RB75#0 | 6.32 | 13 | PASS | |
| | | | | RB1#0 | 4.88 | 13 | PASS | |
| | | | | RB1#38 | 4.22 | 13 | PASS | |
| | | | | | RB1#74 | 4.74 | 13 | PASS |
| | | | | | RB36#0 | 5.83 | 13 | PASS |
| | | | RB36#18 | 5.44 | 13 | PASS | | |
| | | | RB36#39 | 5.85 | 13 | PASS | | |



| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| | | | | RB75#0 | 6.27 | 13 | PASS |
| | | 20 | LCH | RB1#0 | 4.46 | 13 | PASS |
| | | | | RB1#50 | 4.08 | 13 | PASS |
| | | | | RB1#99 | 4.76 | 13 | PASS |
| | | | | RB50#0 | 5.59 | 13 | PASS |
| | | | | RB50#25 | 5.64 | 13 | PASS |
| | | | | RB50#50 | 6.02 | 13 | PASS |
| | | | | RB100#0 | 6.4 | 13 | PASS |
| | | | | MCH | RB1#0 | 4.55 | 13 |
| | | | RB1#50 | | 4.11 | 13 | PASS |
| | | | RB1#99 | | 4.77 | 13 | PASS |
| | | | RB50#0 | | 5.55 | 13 | PASS |
| | | | RB50#25 | | 5.4 | 13 | PASS |
| | | | RB50#50 | | 5.71 | 13 | PASS |
| | | | RB100#0 | | 6.2 | 13 | PASS |
| | | | HCH | RB1#0 | 4.75 | 13 | PASS |
| | | | | RB1#50 | 4.34 | 13 | PASS |
| | | | | RB1#99 | 4.63 | 13 | PASS |
| | | | | RB50#0 | 5.88 | 13 | PASS |
| | | | | RB50#25 | 5.5 | 13 | PASS |
| | | | | RB50#50 | 5.65 | 13 | PASS |
| | | | | RB100#0 | 6.33 | 13 | PASS |

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

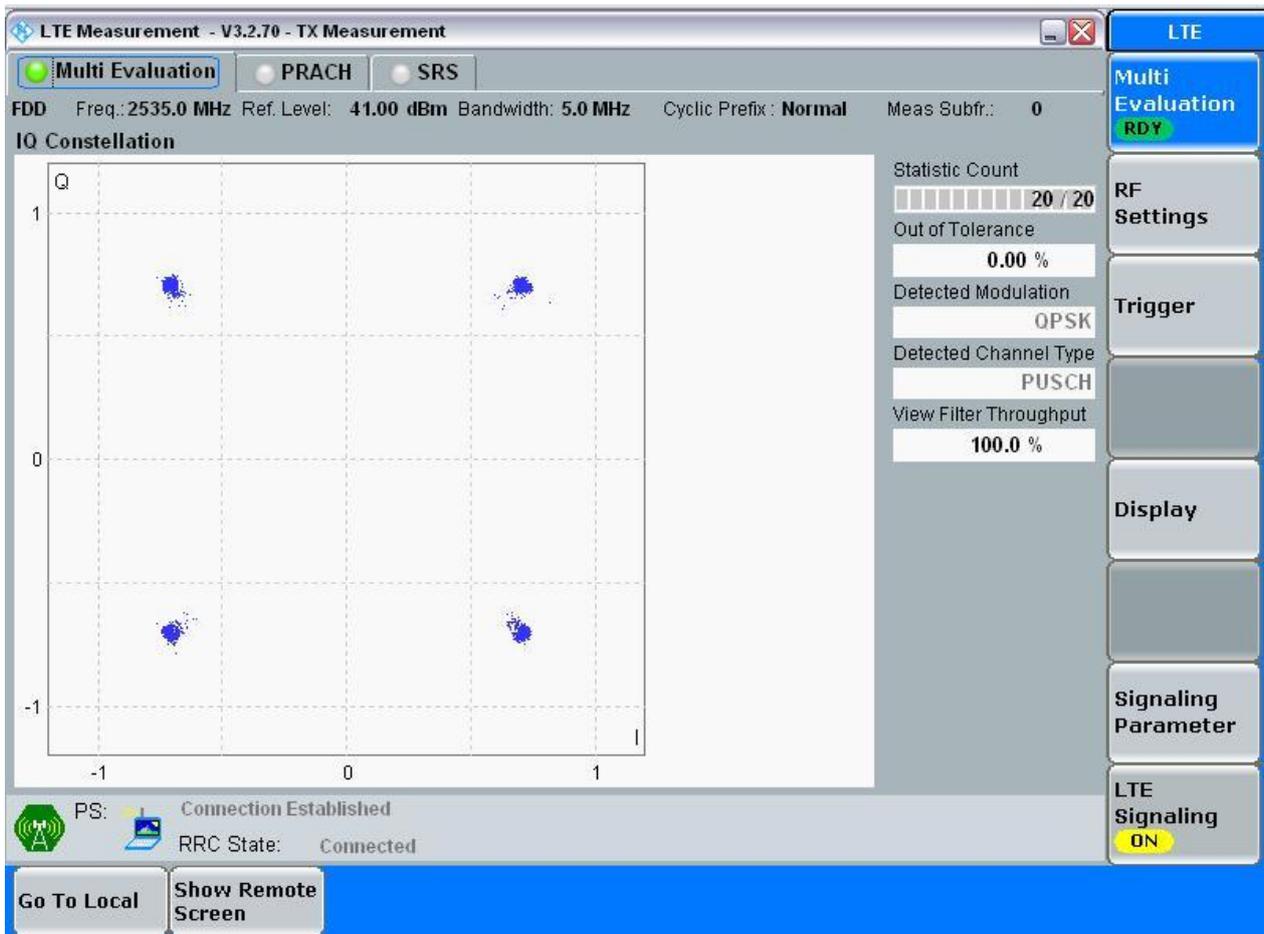
3.1.1 Test Band = BAND7

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

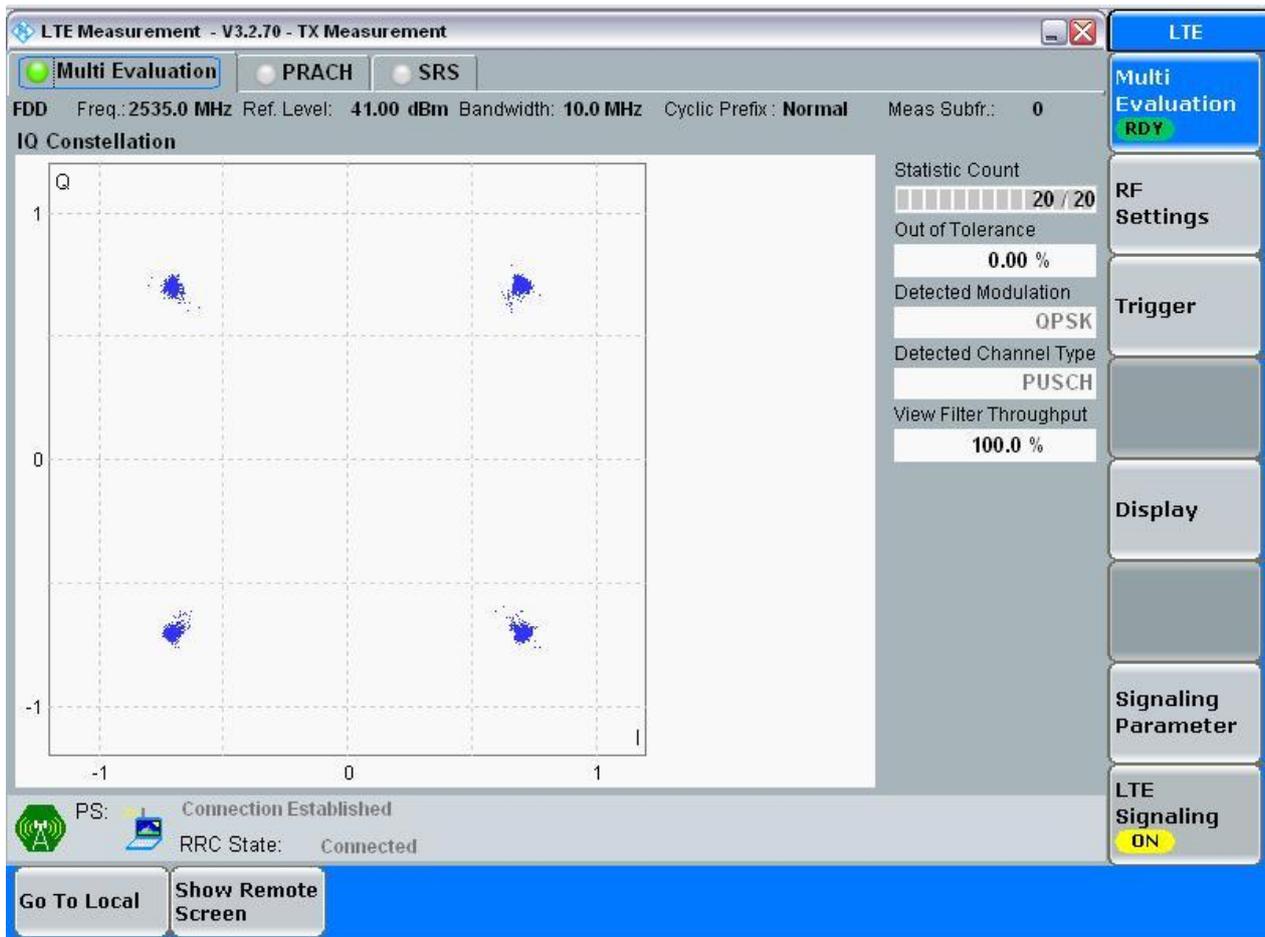
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

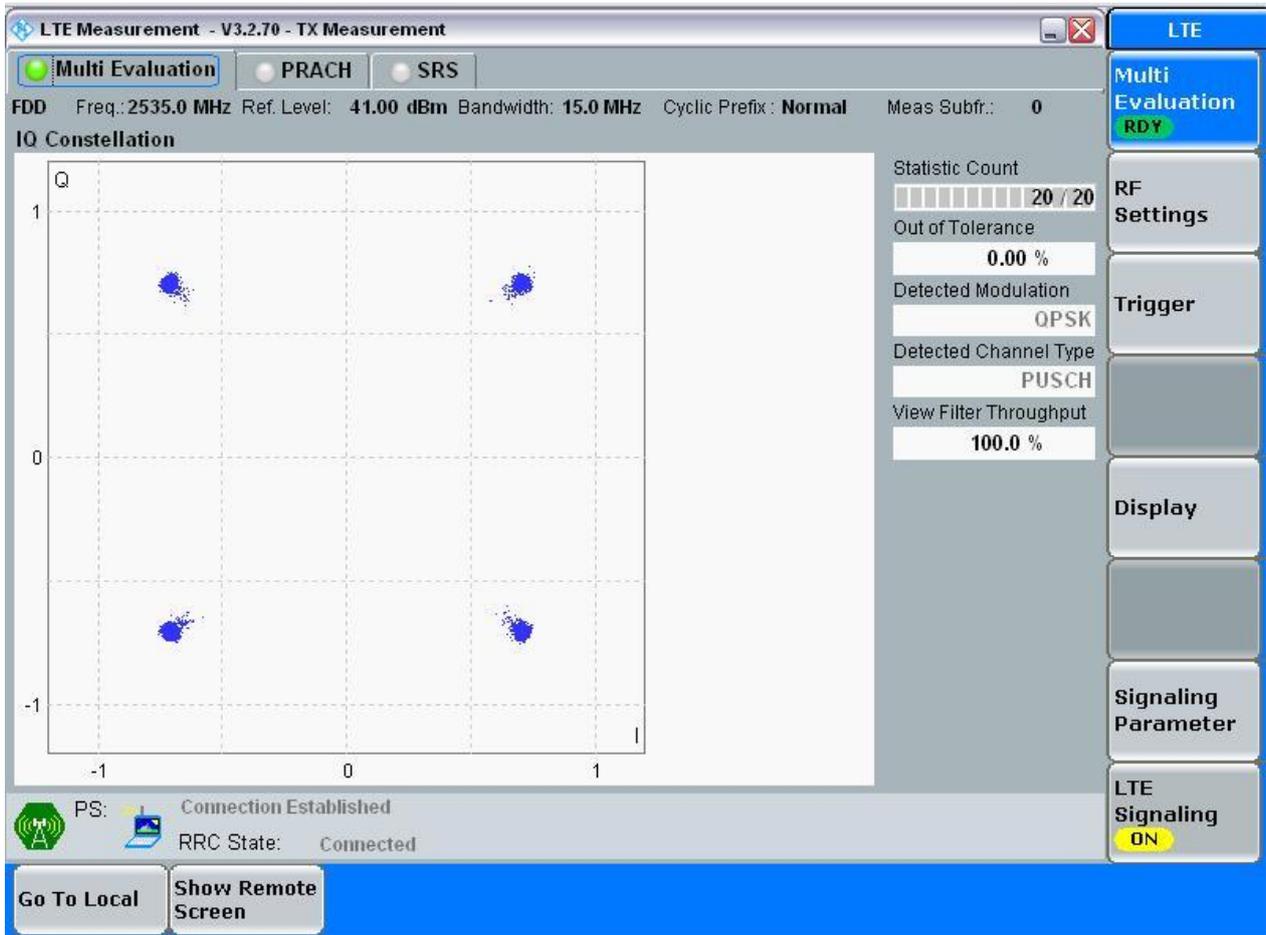
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

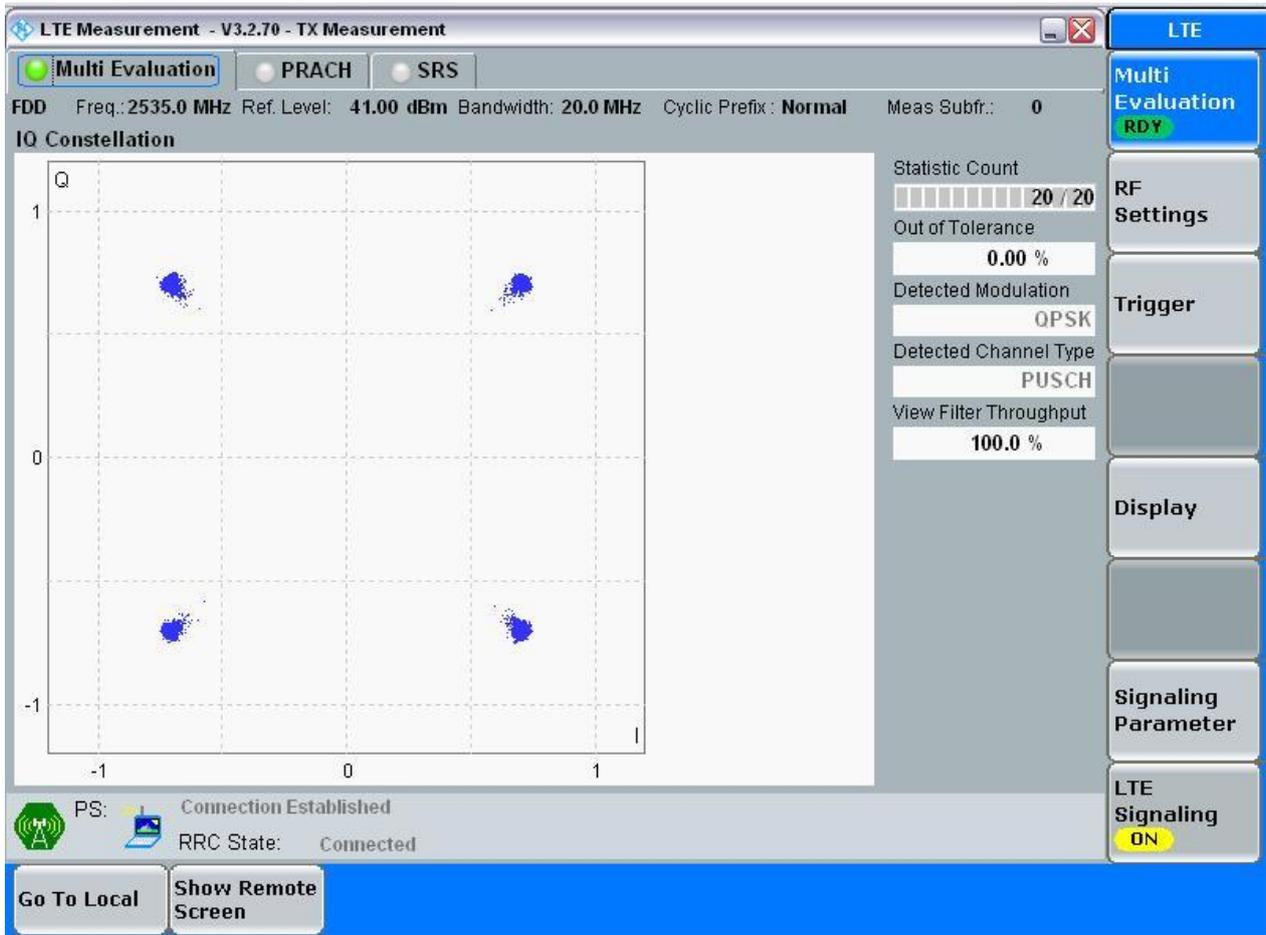
3.1.1.1.3.1.1 Test RB = RB75#0



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

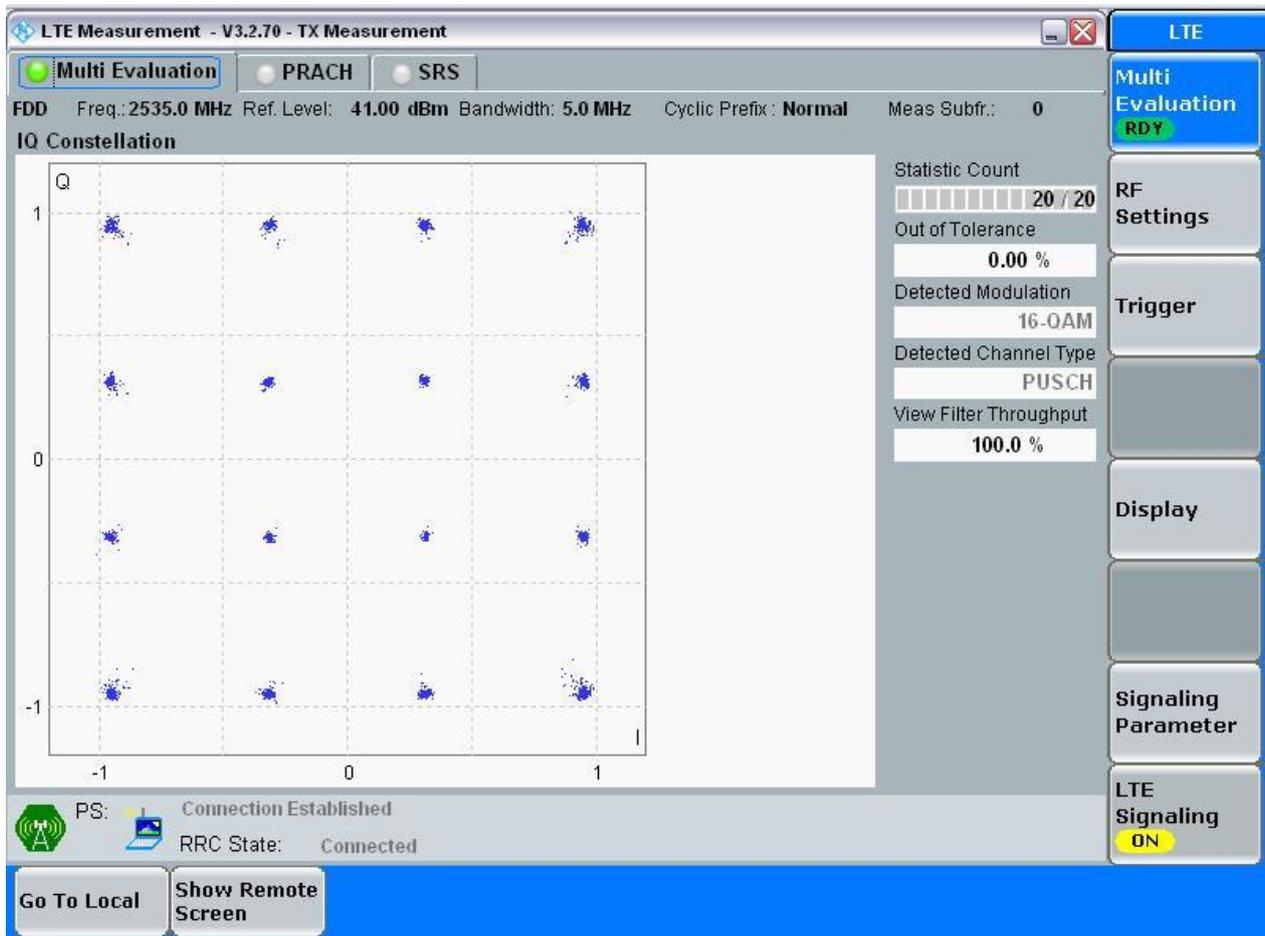


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

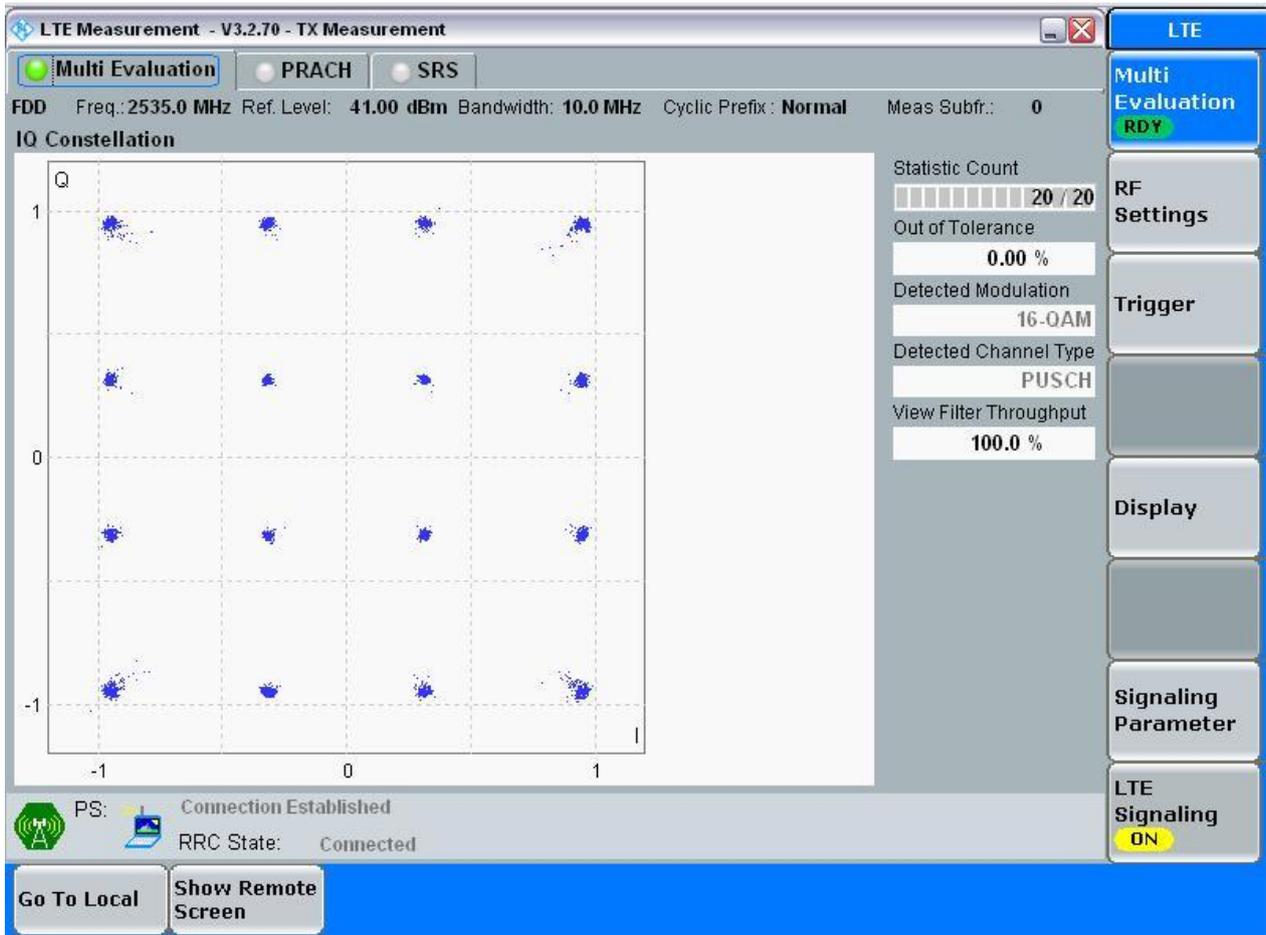
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

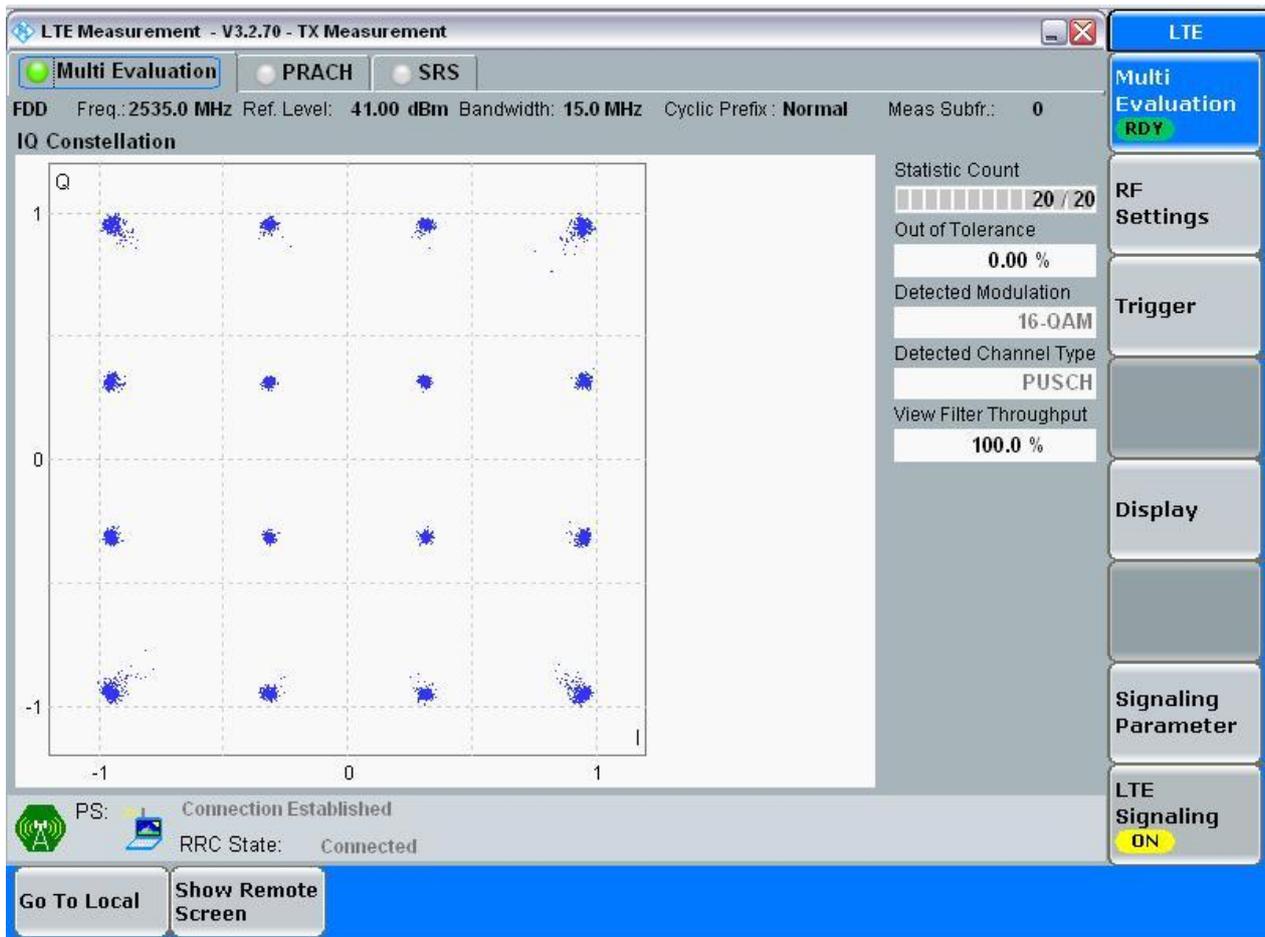
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

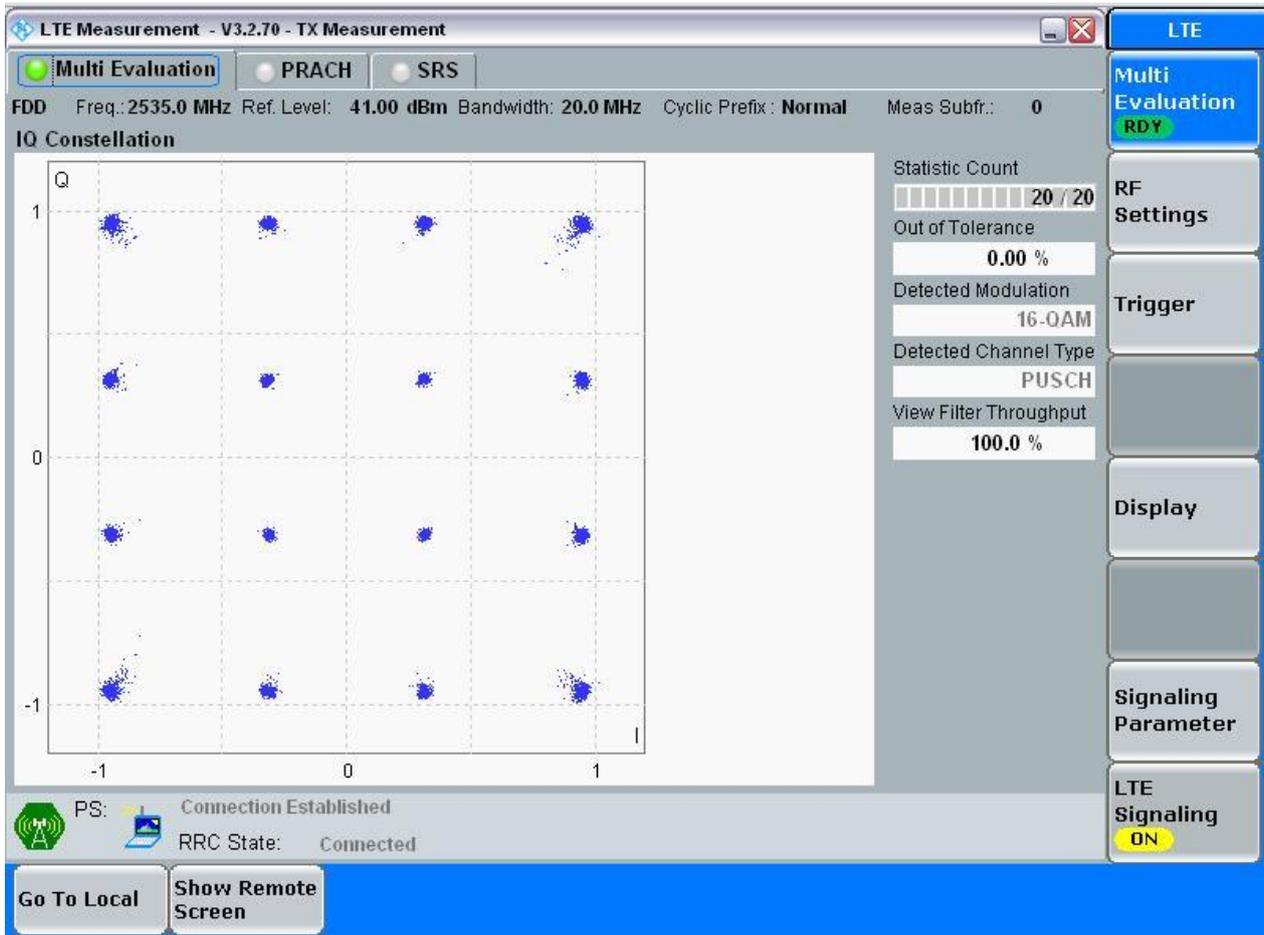
3.1.1.2.3.1.1 Test RB = RB75#0



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 | 4.97 | Pass |
| | | | MCH | RB25#0 | 4.51 | 4.95 | Pass |
| | | | HCH | RB25#0 | 4.51 | 4.97 | Pass |
| | | 10 | LCH | RB50#0 | 9.01 | 9.90 | Pass |
| | | | MCH | RB50#0 | 9.00 | 9.93 | Pass |
| | | | HCH | RB50#0 | 8.99 | 9.89 | Pass |
| | | 15 | LCH | RB75#0 | 13.49 | 15.03 | Pass |
| | | | MCH | RB75#0 | 13.48 | 15.02 | Pass |
| | | | HCH | RB75#0 | 13.48 | 15.03 | Pass |
| | | 20 | LCH | RB100#0 | 18.01 | 19.85 | Pass |
| | | | MCH | RB100#0 | 17.98 | 19.73 | Pass |
| | | | HCH | RB100#0 | 17.97 | 19.79 | Pass |
| | LTE/TM2 | 5 | LCH | RB25#0 | 4.52 | 5.00 | Pass |
| | | | MCH | RB25#0 | 4.52 | 4.98 | Pass |
| | | | HCH | RB25#0 | 4.52 | 4.98 | Pass |
| | | 10 | LCH | RB50#0 | 9.01 | 9.93 | Pass |
| | | | MCH | RB50#0 | 9.01 | 9.91 | Pass |
| | | | HCH | RB50#0 | 9.00 | 9.90 | Pass |
| | | 15 | LCH | RB75#0 | 13.54 | 15.00 | Pass |
| | | | MCH | RB75#0 | 13.52 | 15.09 | Pass |
| | | | HCH | RB75#0 | 13.50 | 14.96 | Pass |
| | | 20 | LCH | RB100#0 | 18.02 | 19.83 | Pass |
| | | | MCH | RB100#0 | 18.05 | 19.84 | Pass |
| | | | HCH | RB100#0 | 18.01 | 19.91 | Pass |



Part II - Test Plots

4.1 For LTE

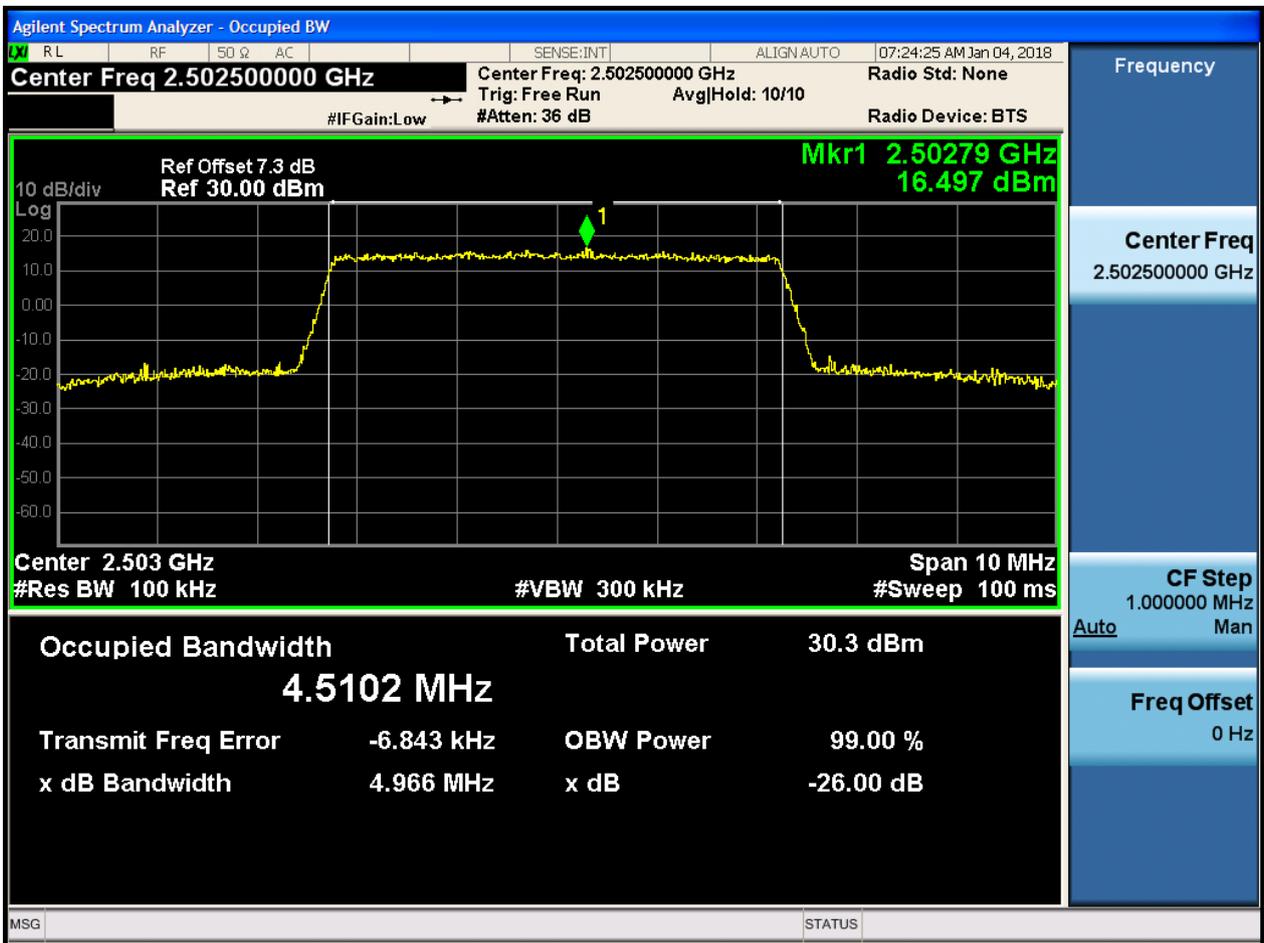
4.1.1 Test Band = BAND7

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

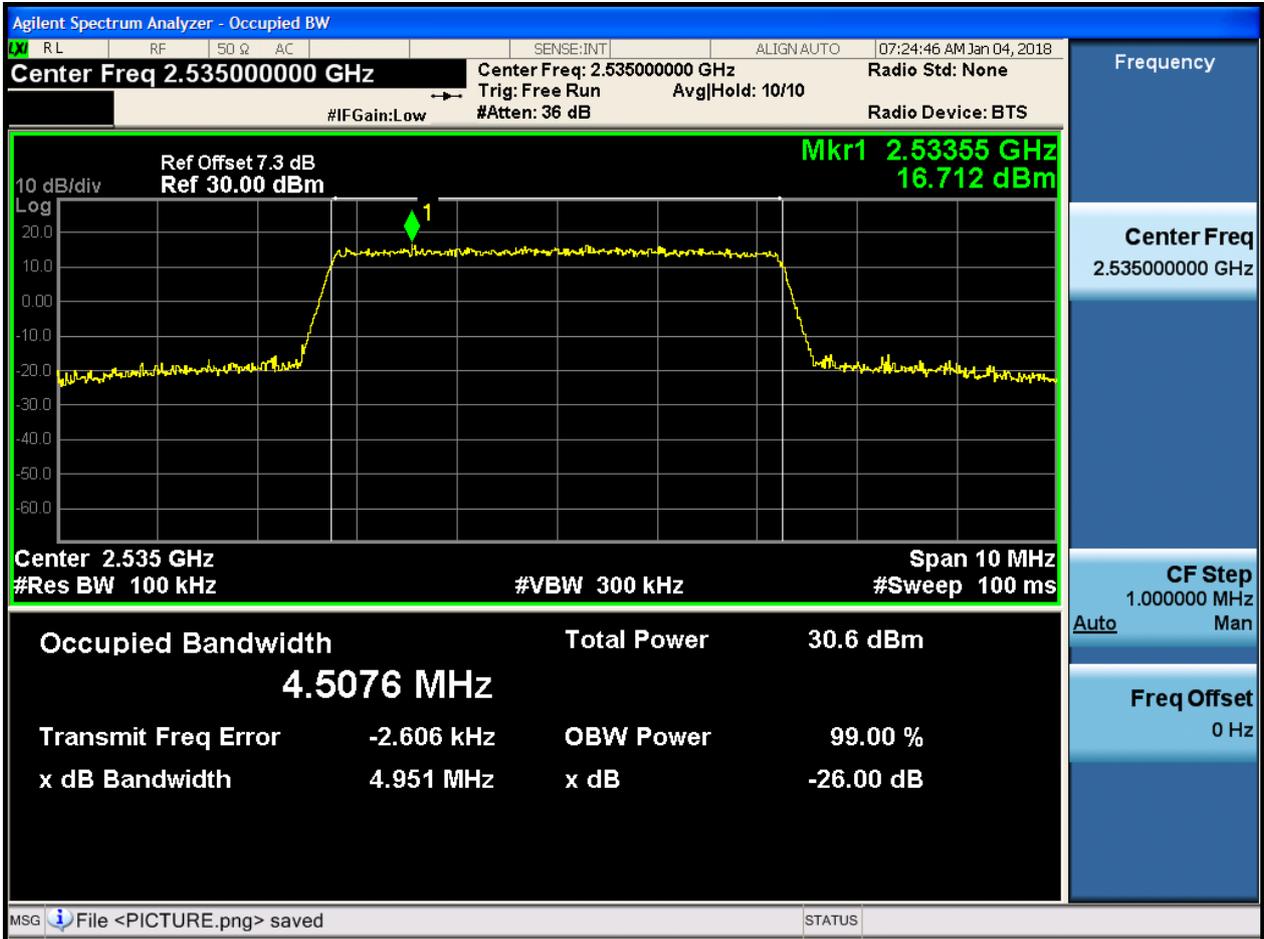
4.1.1.1.1.1.1 Test RB = RB25#0





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

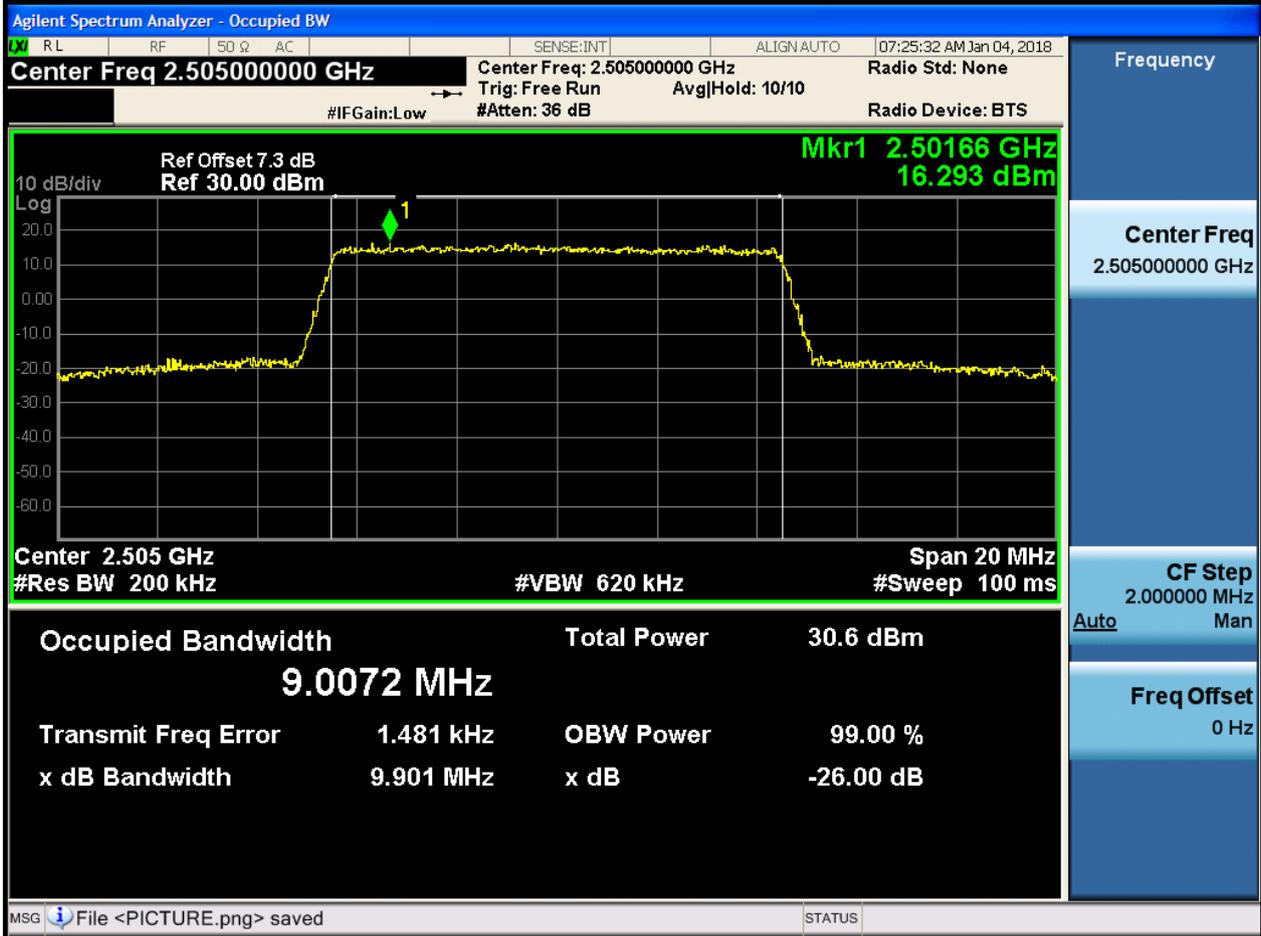




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

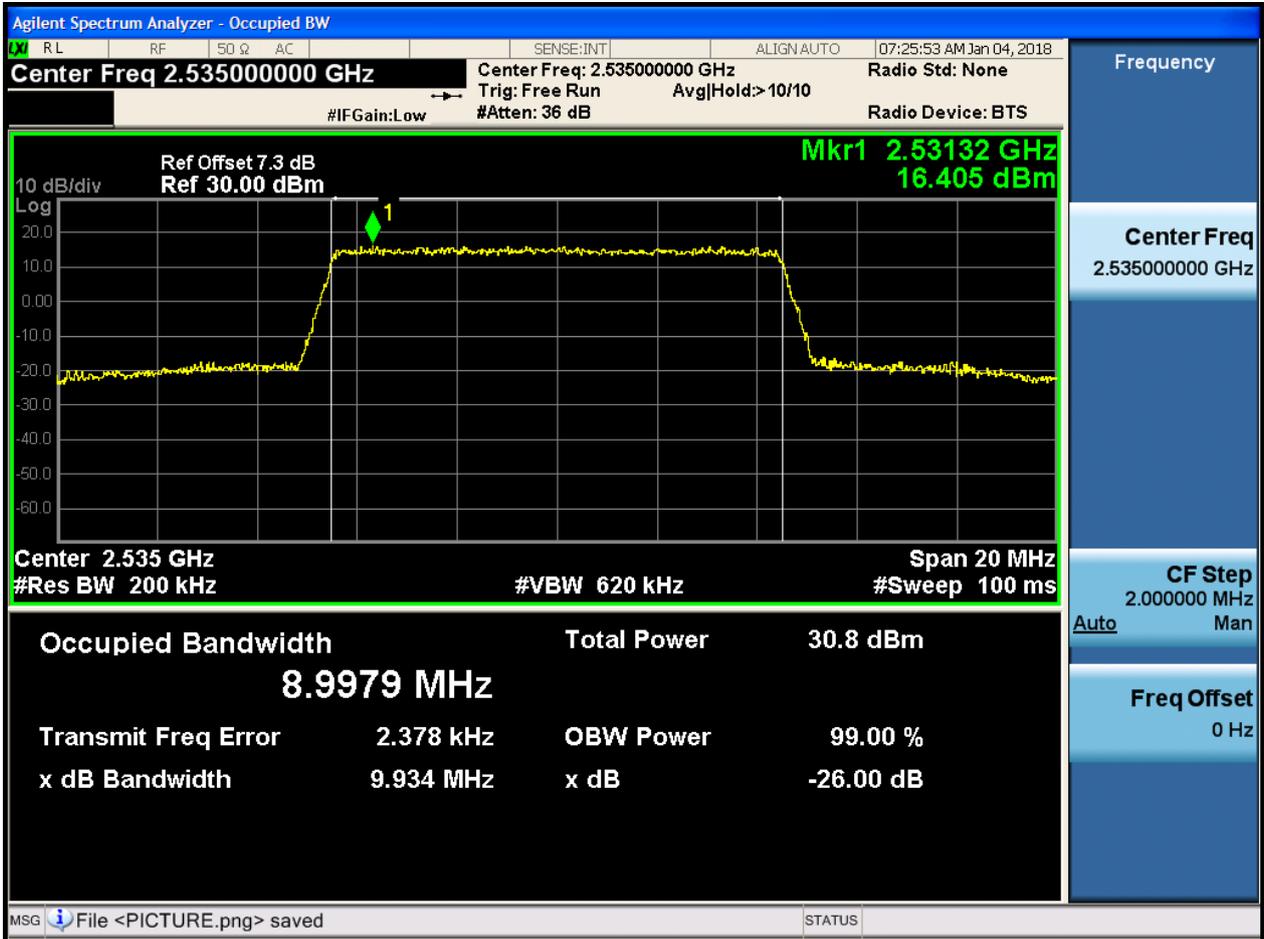
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

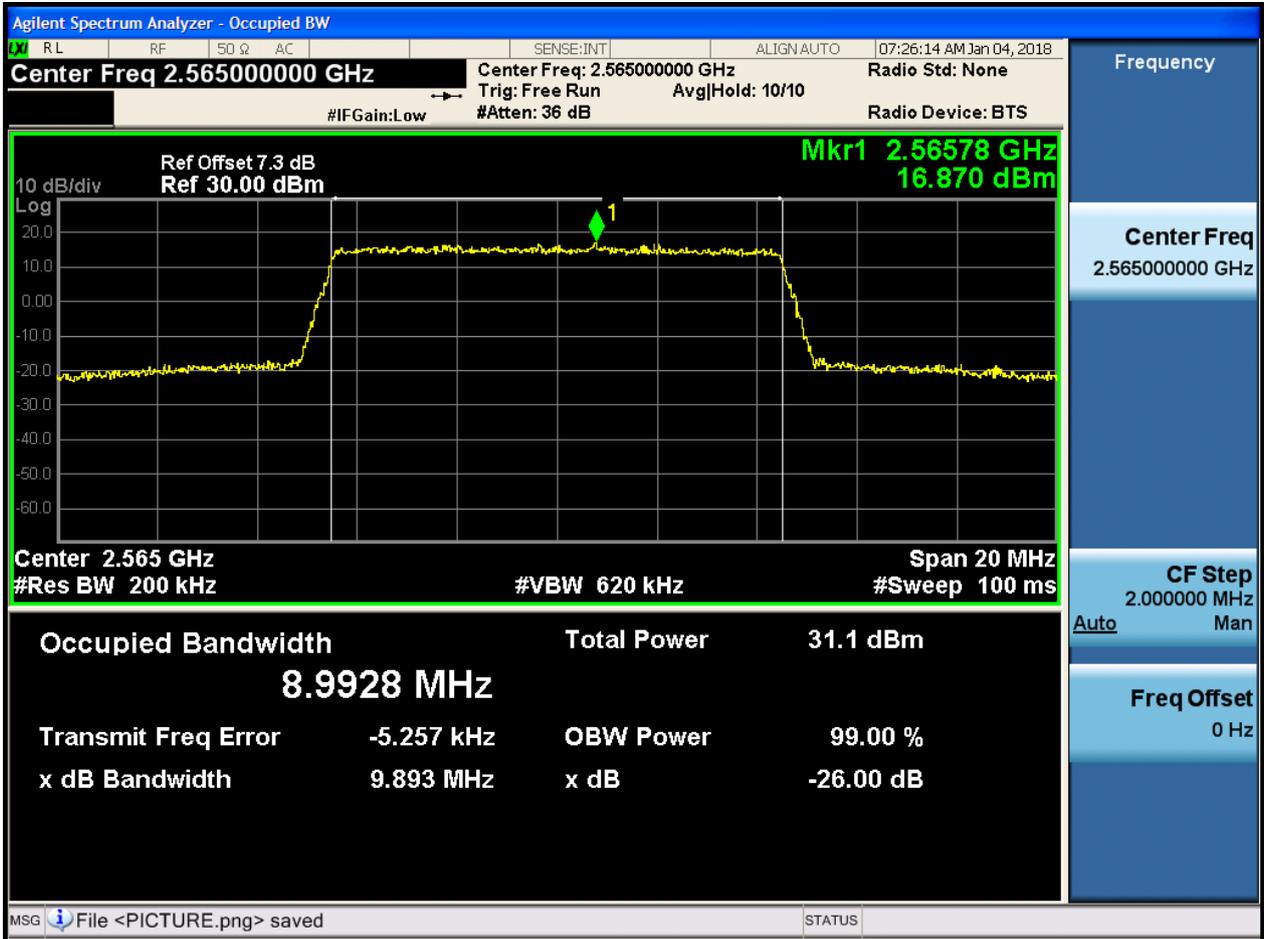
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

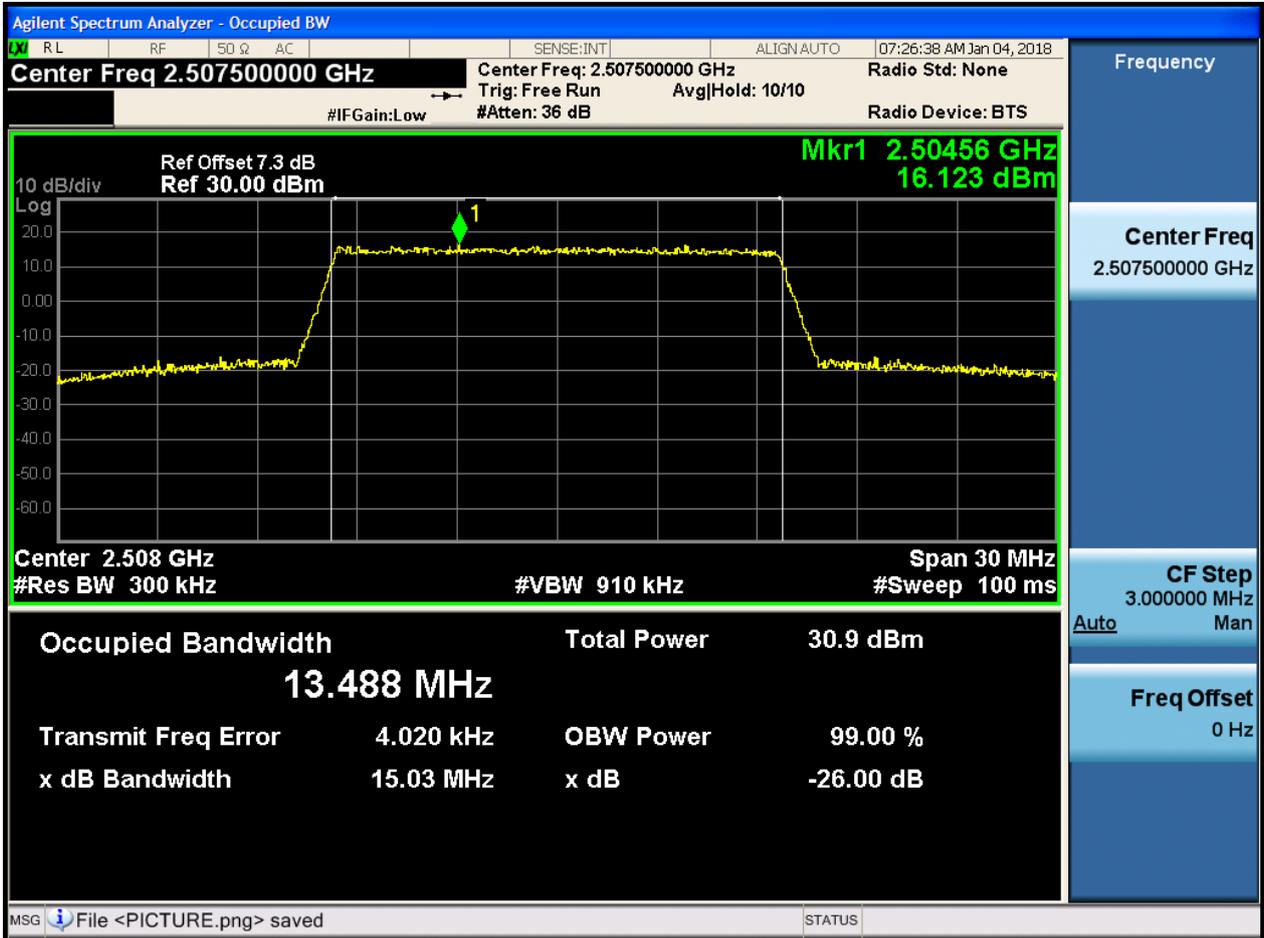




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

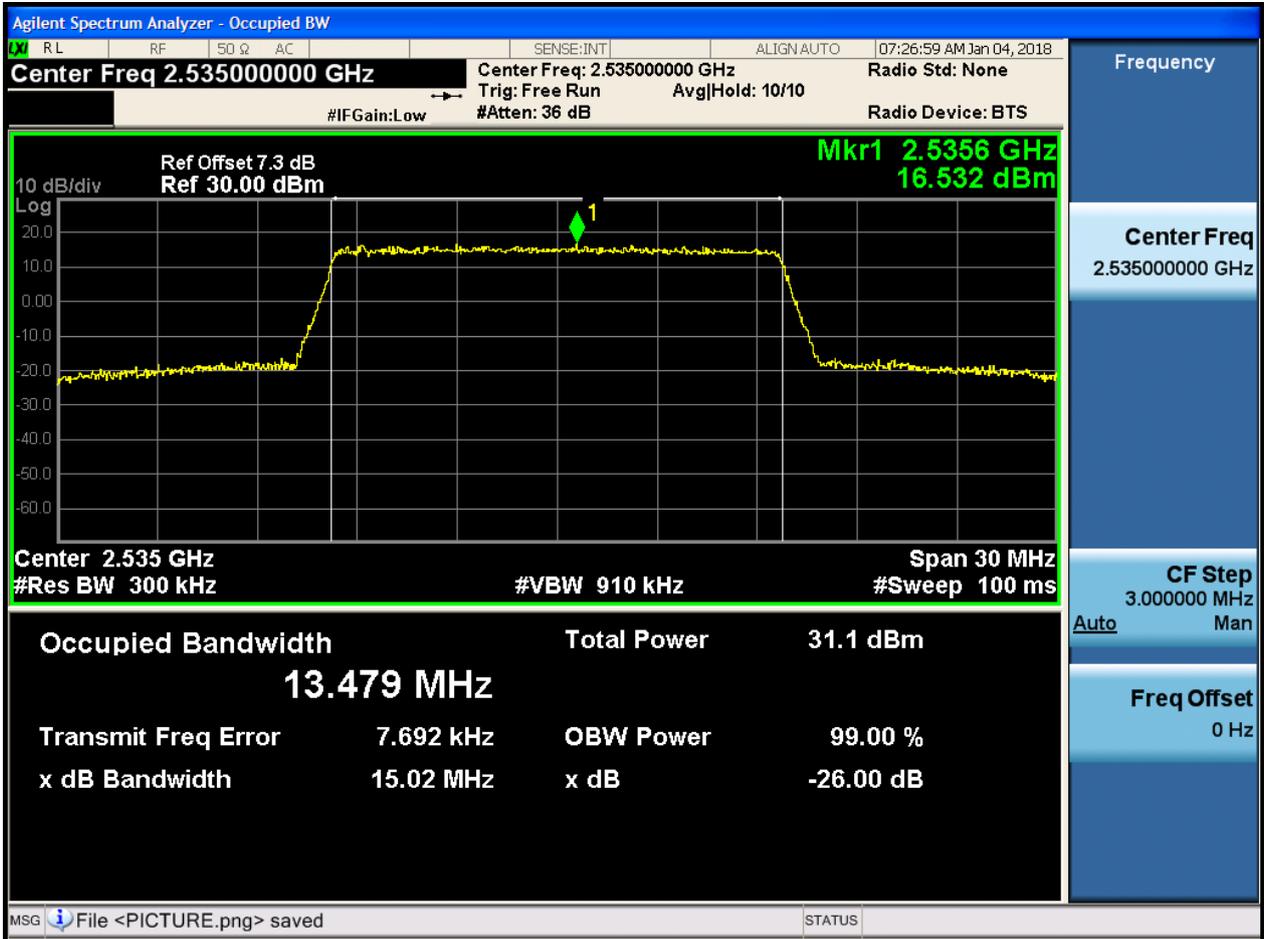
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

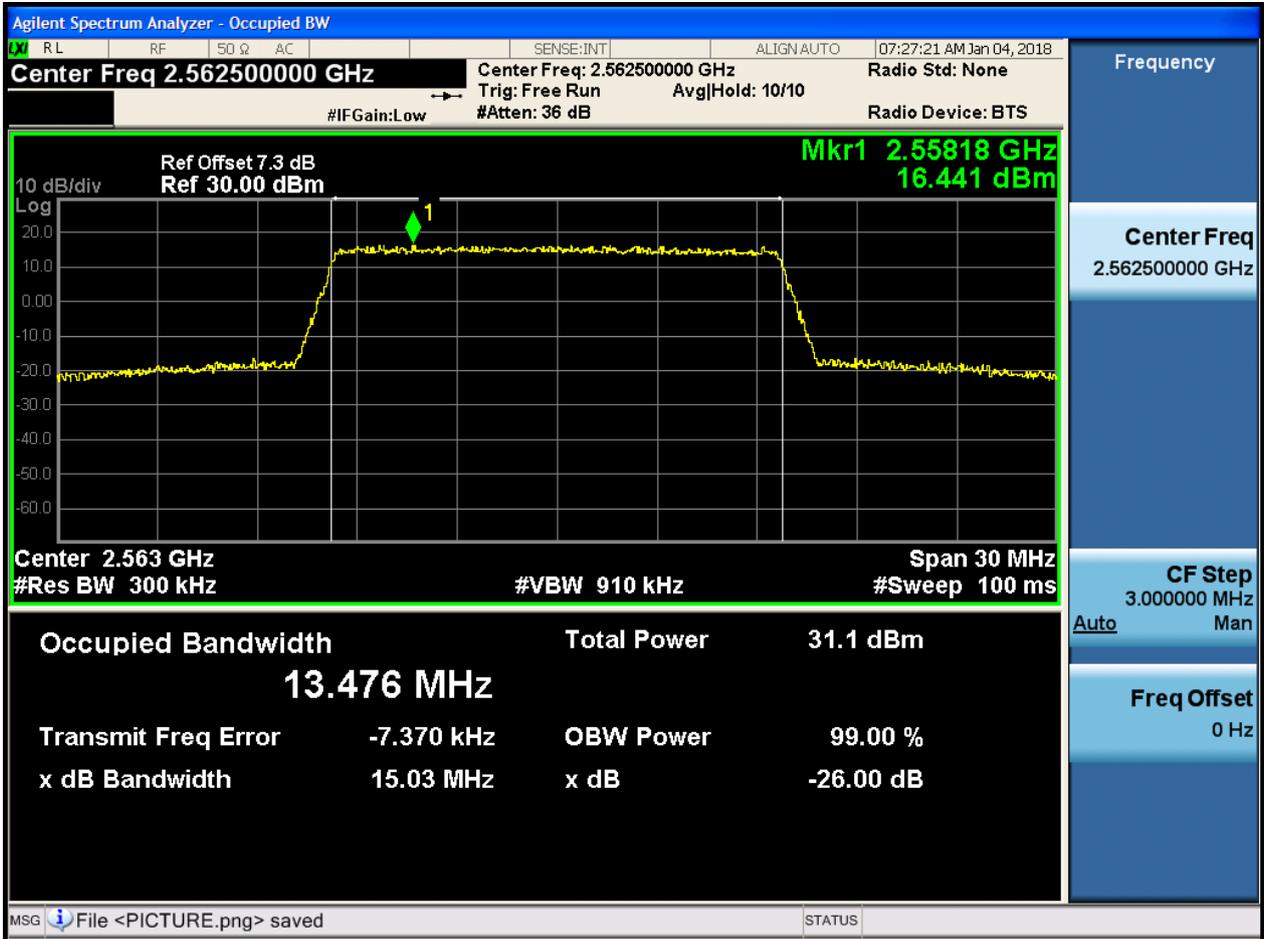
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

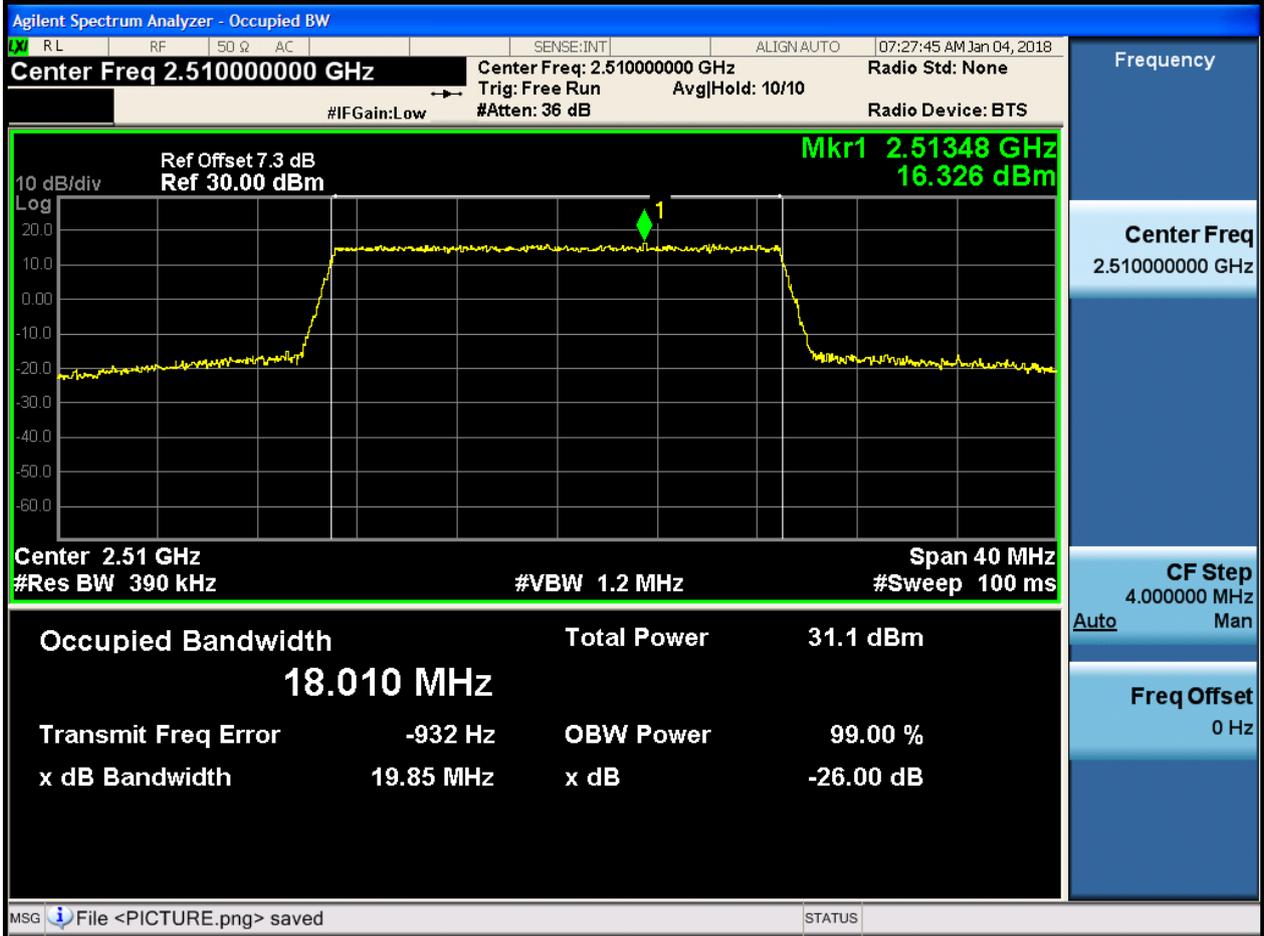




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

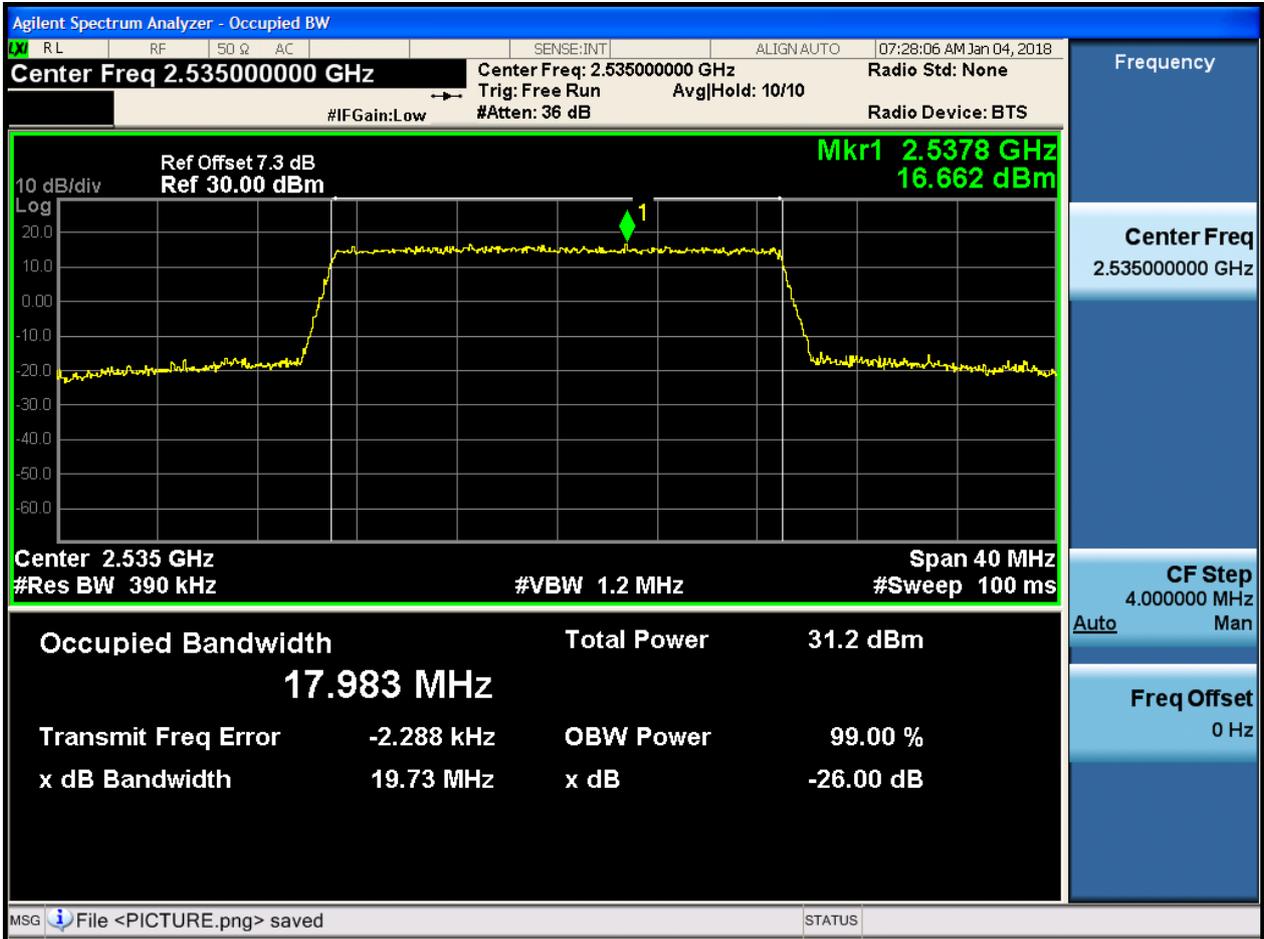
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

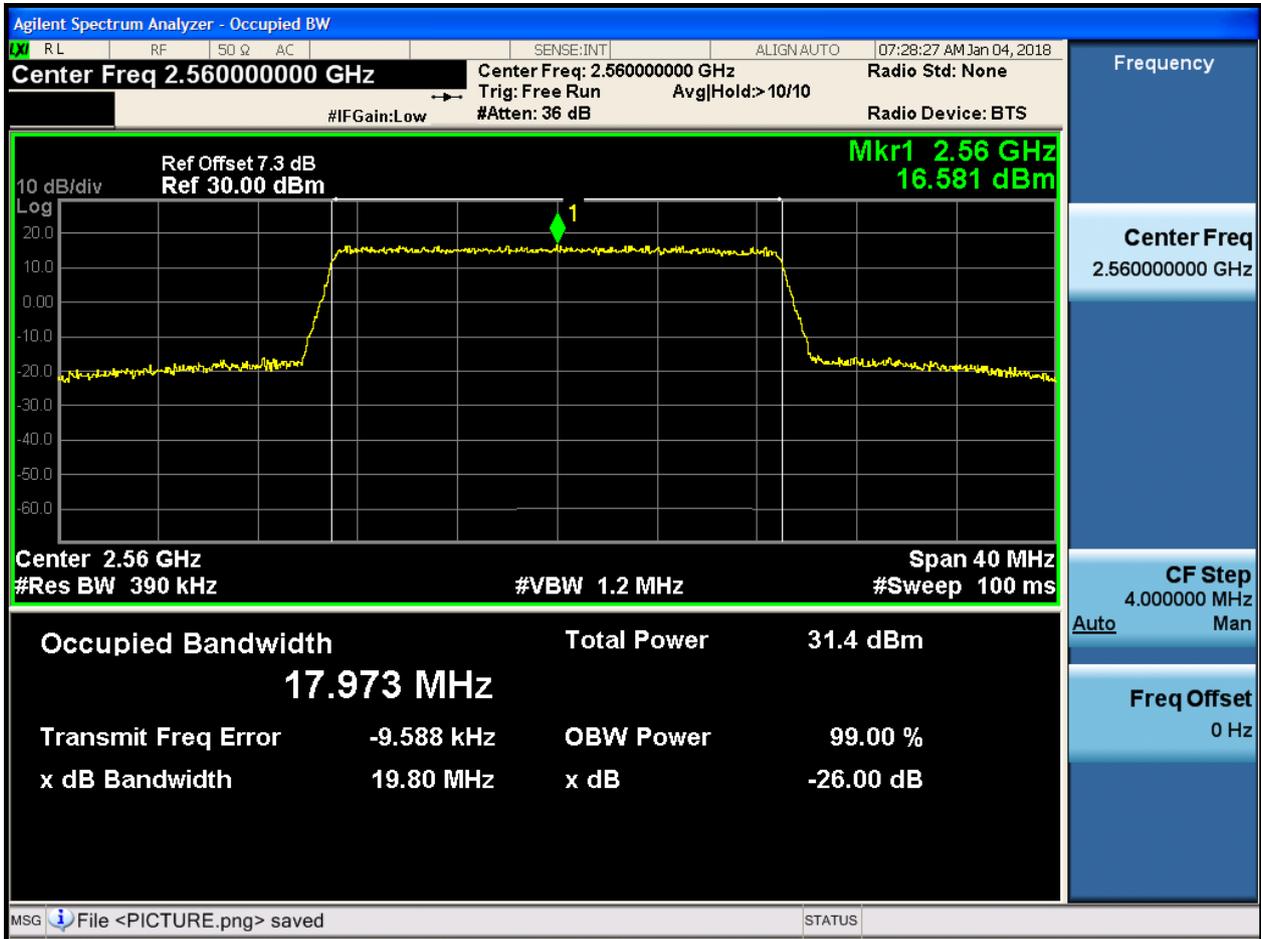
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



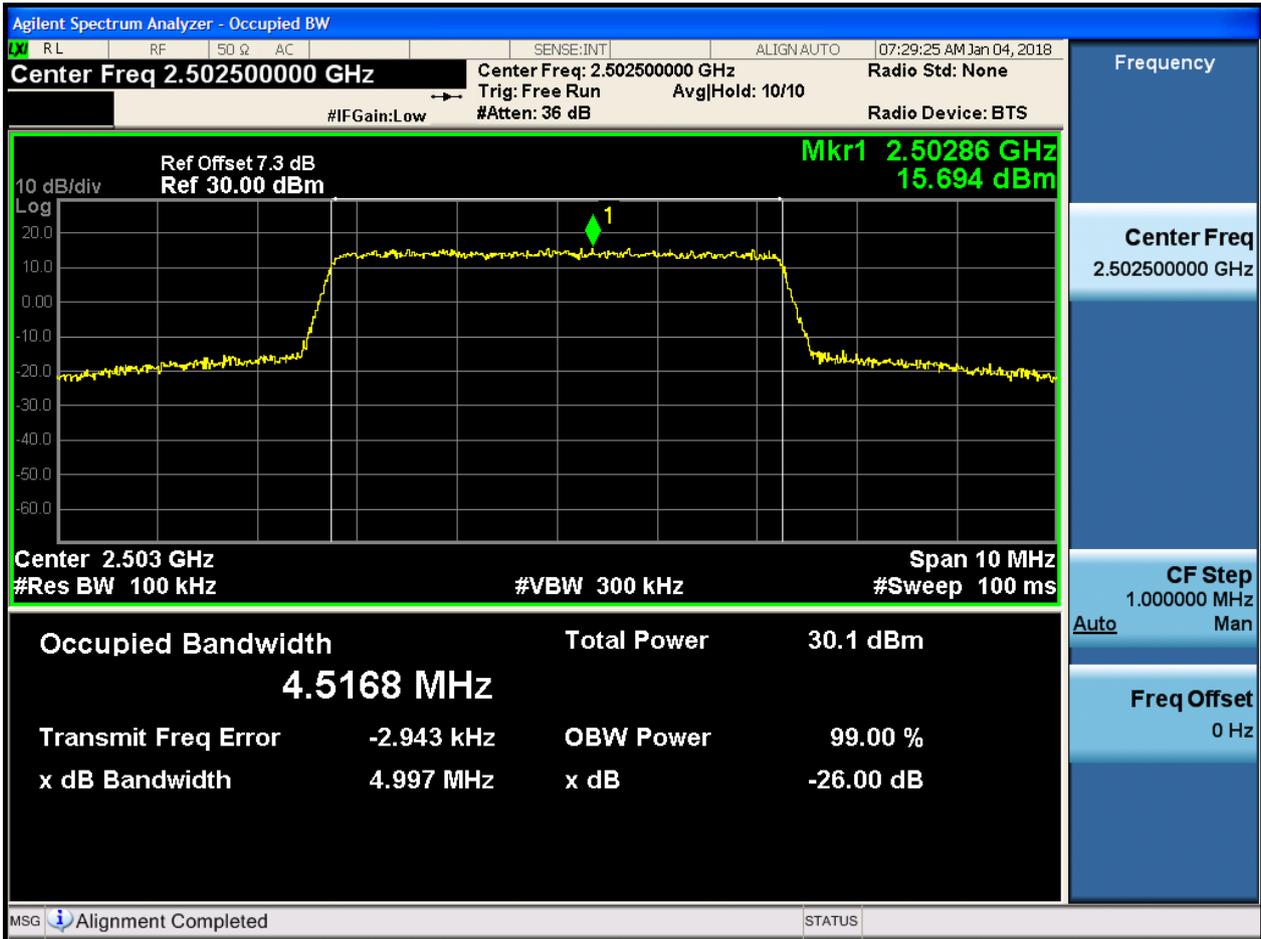


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

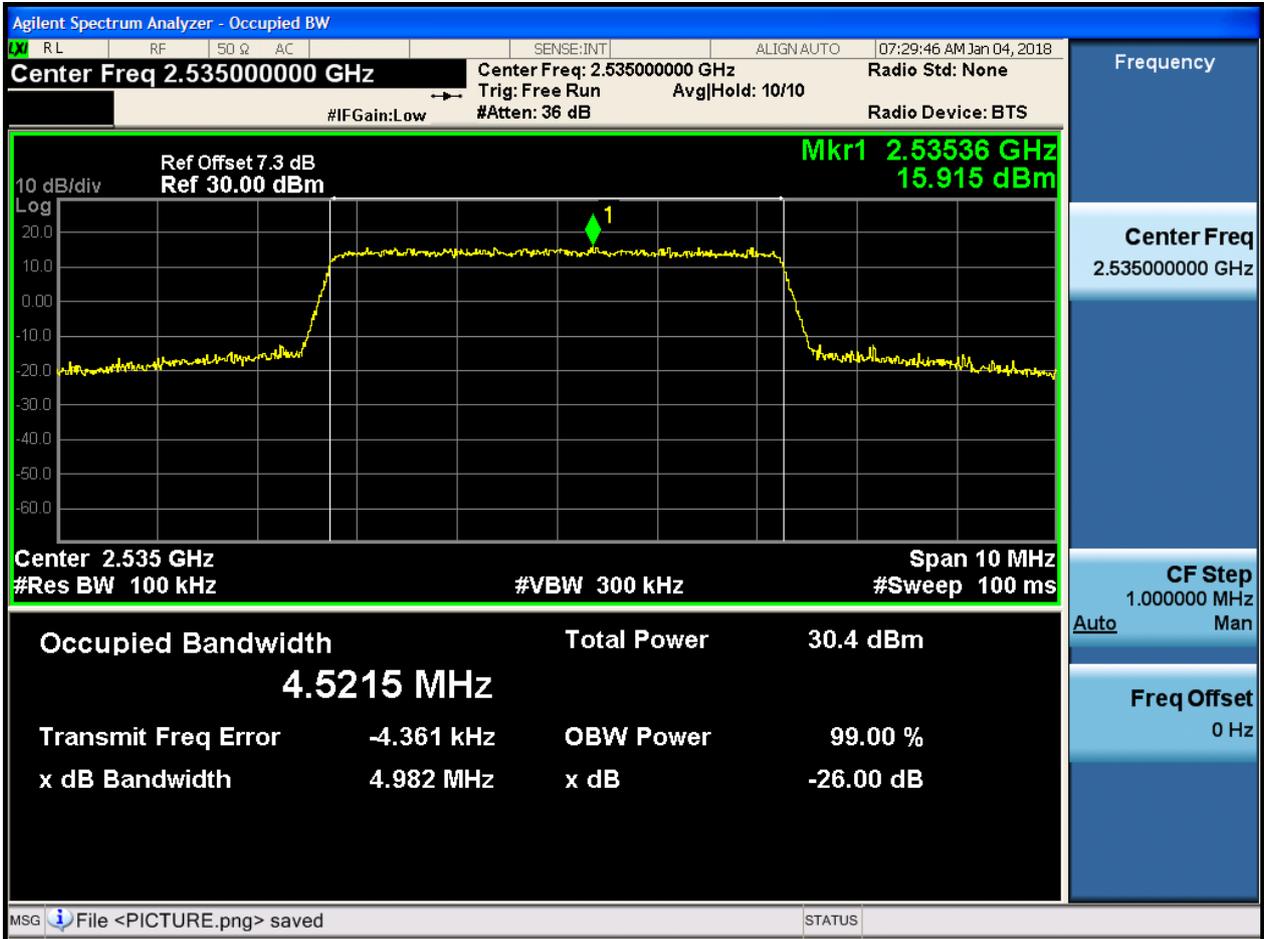
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

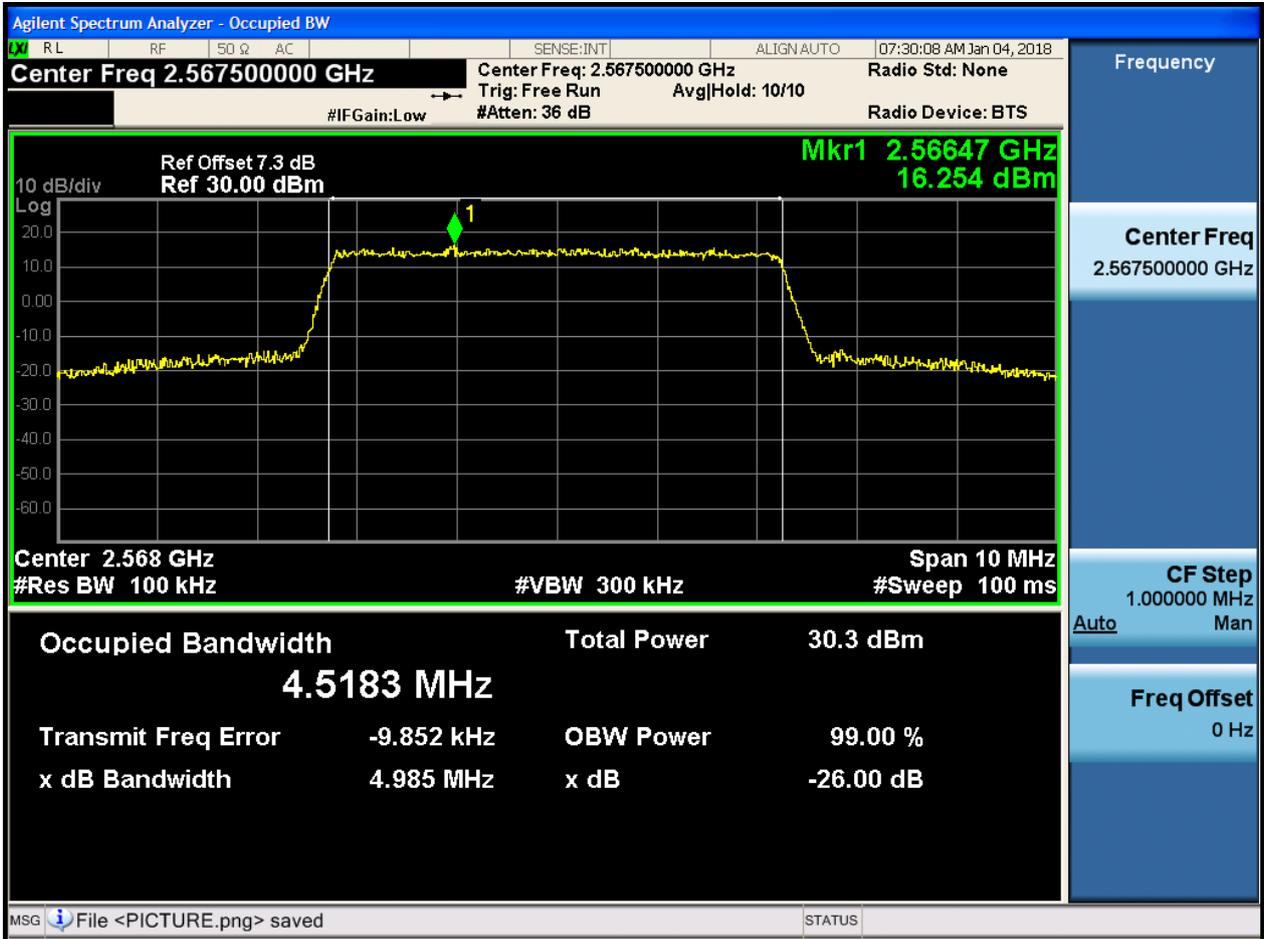
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

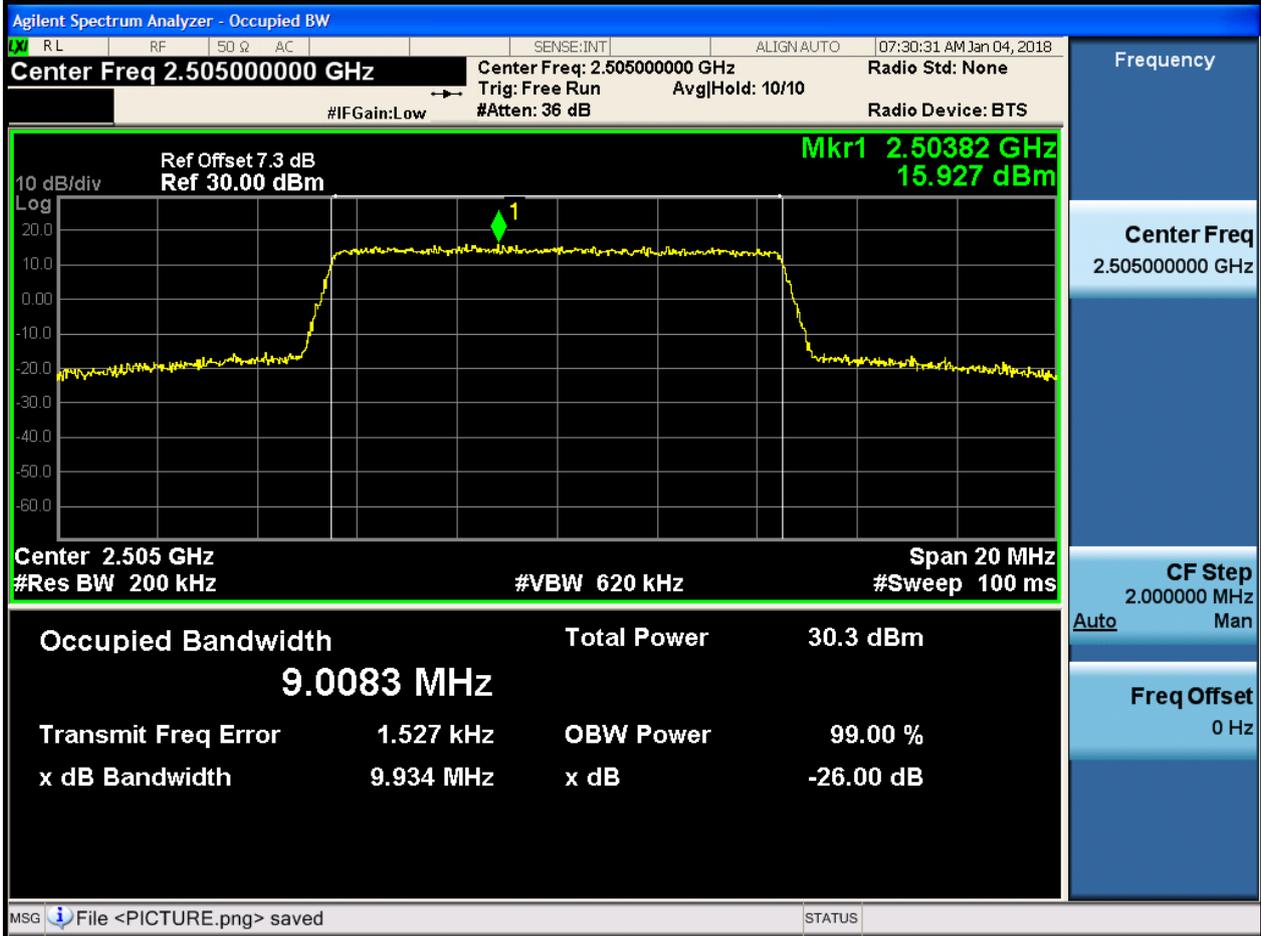




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

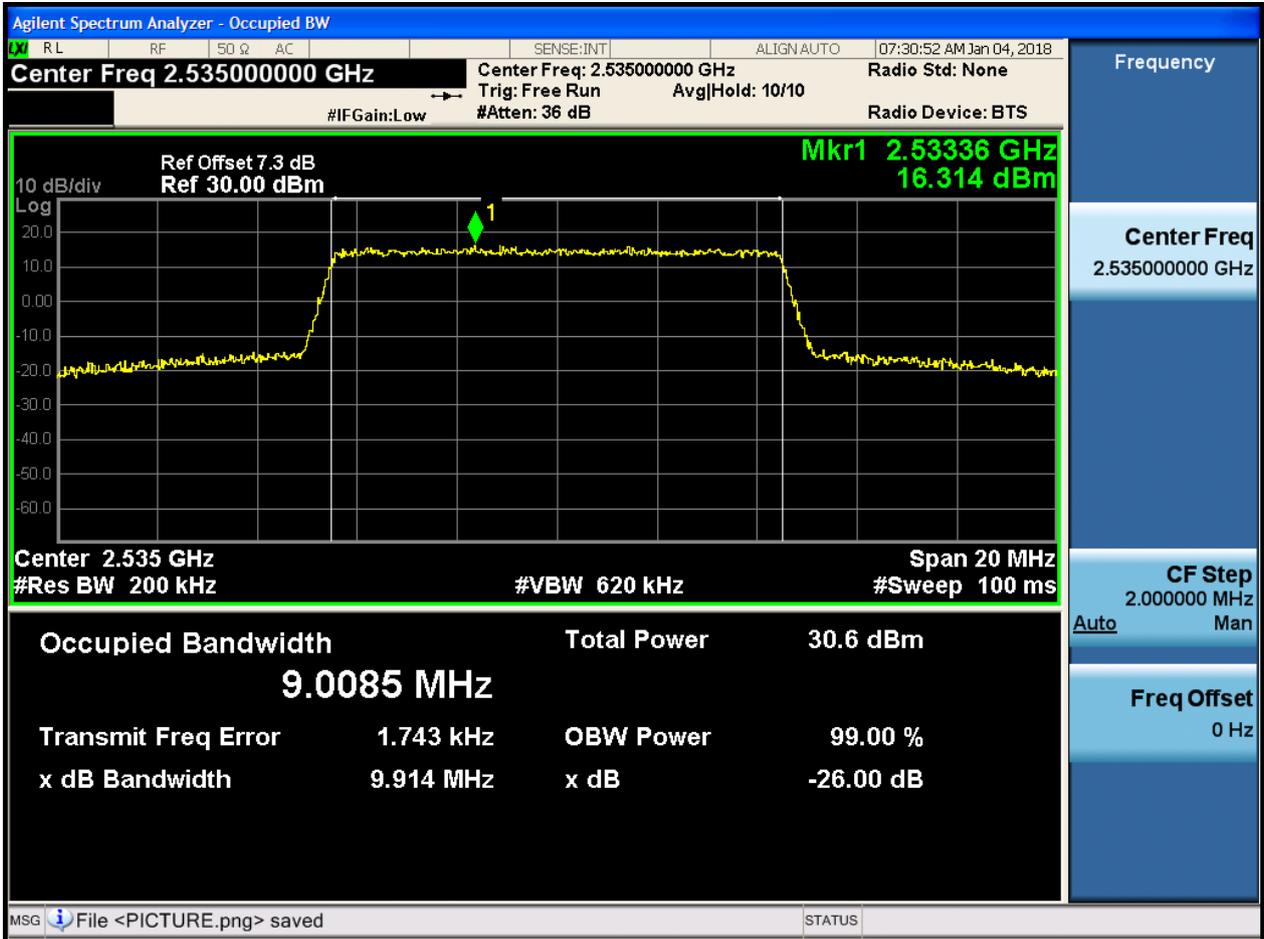
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

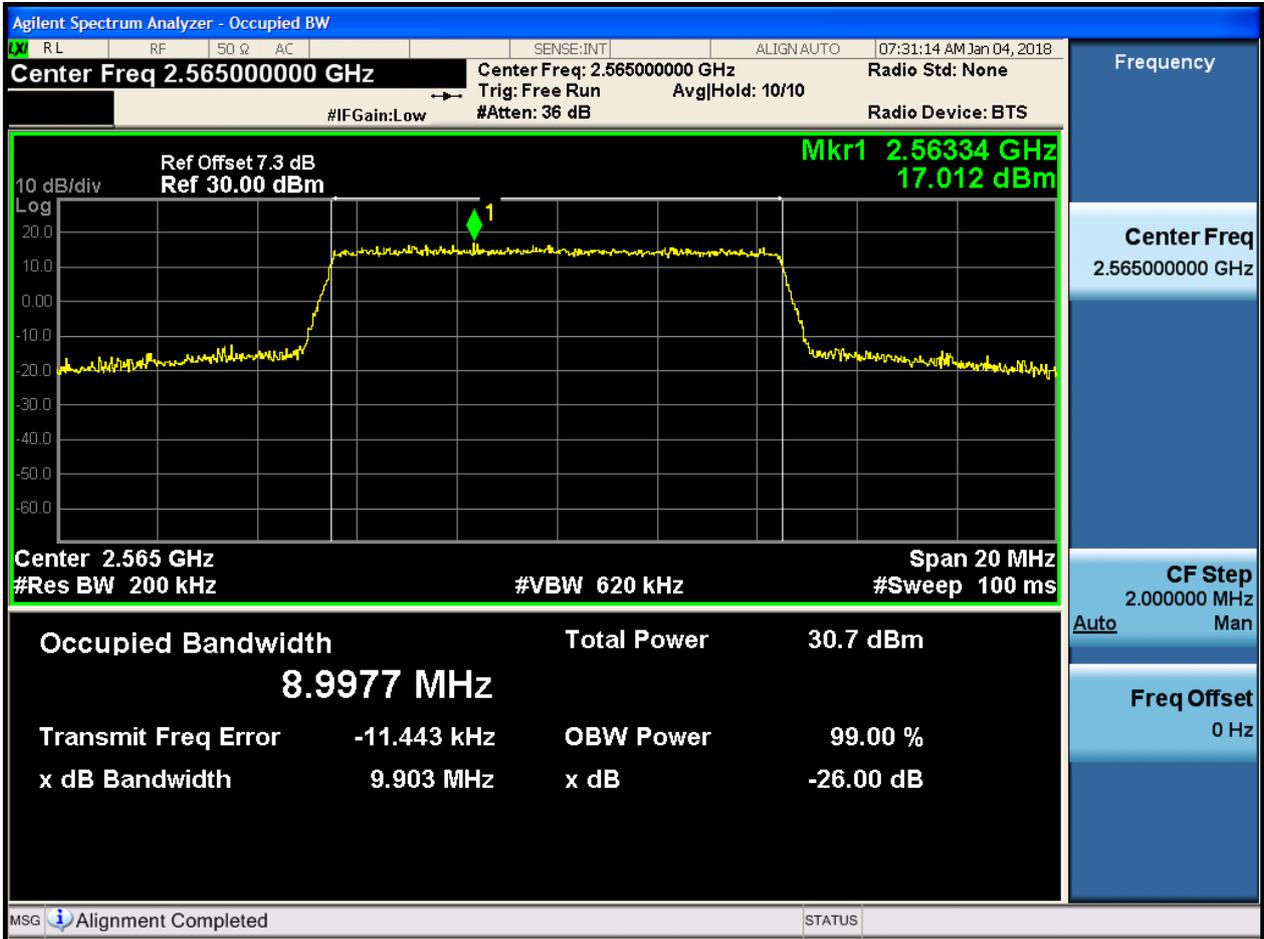
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

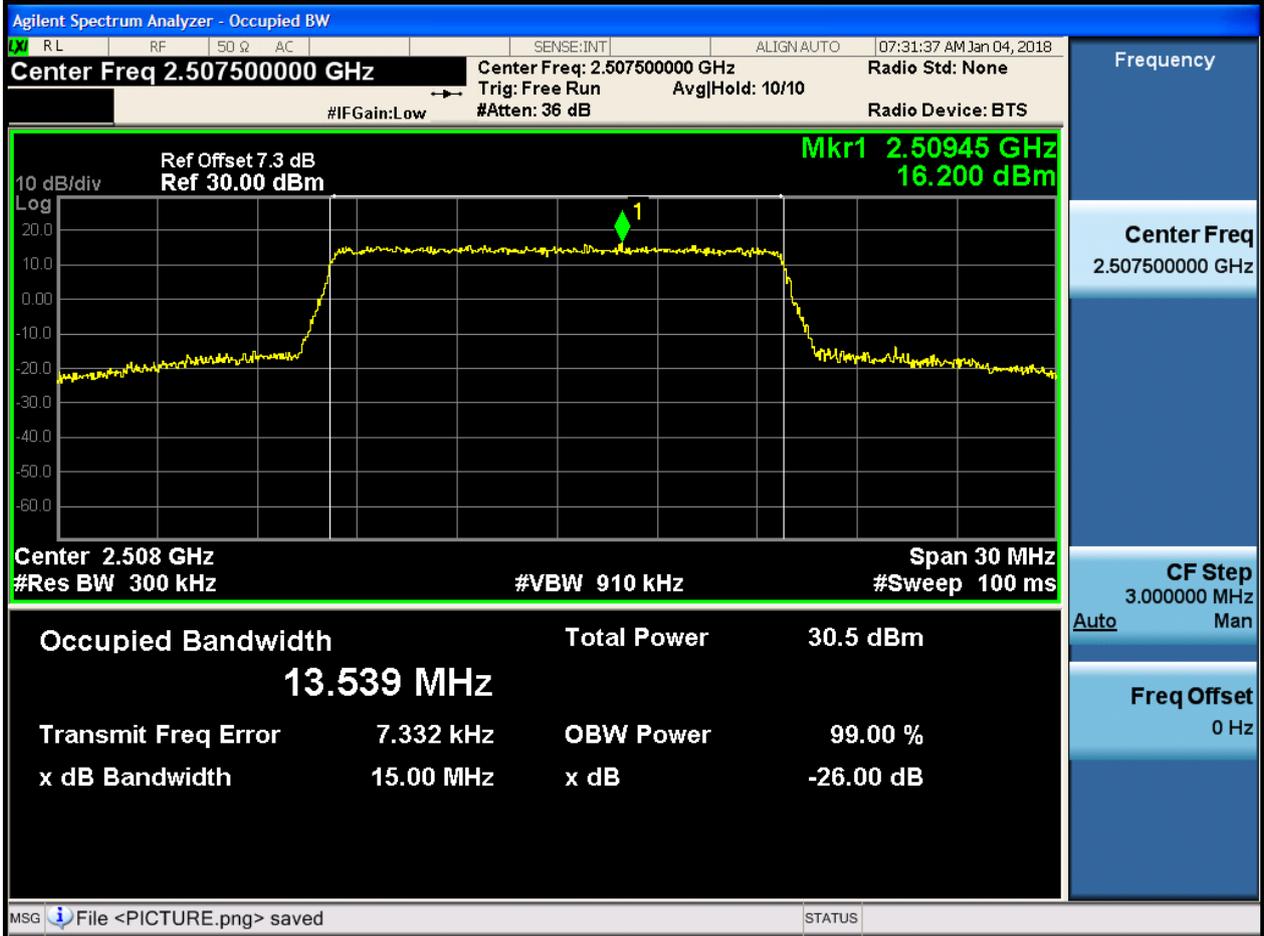




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

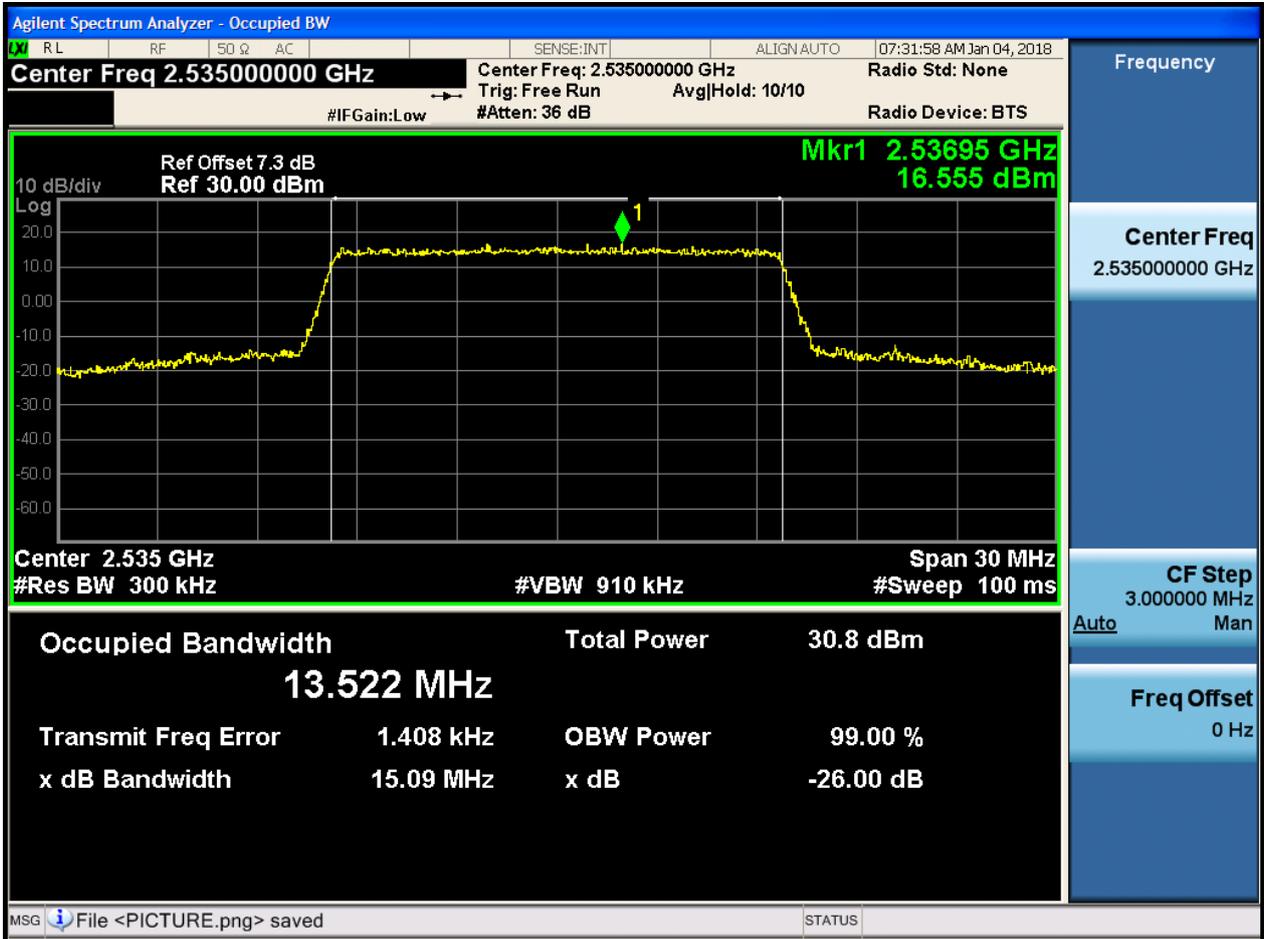
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

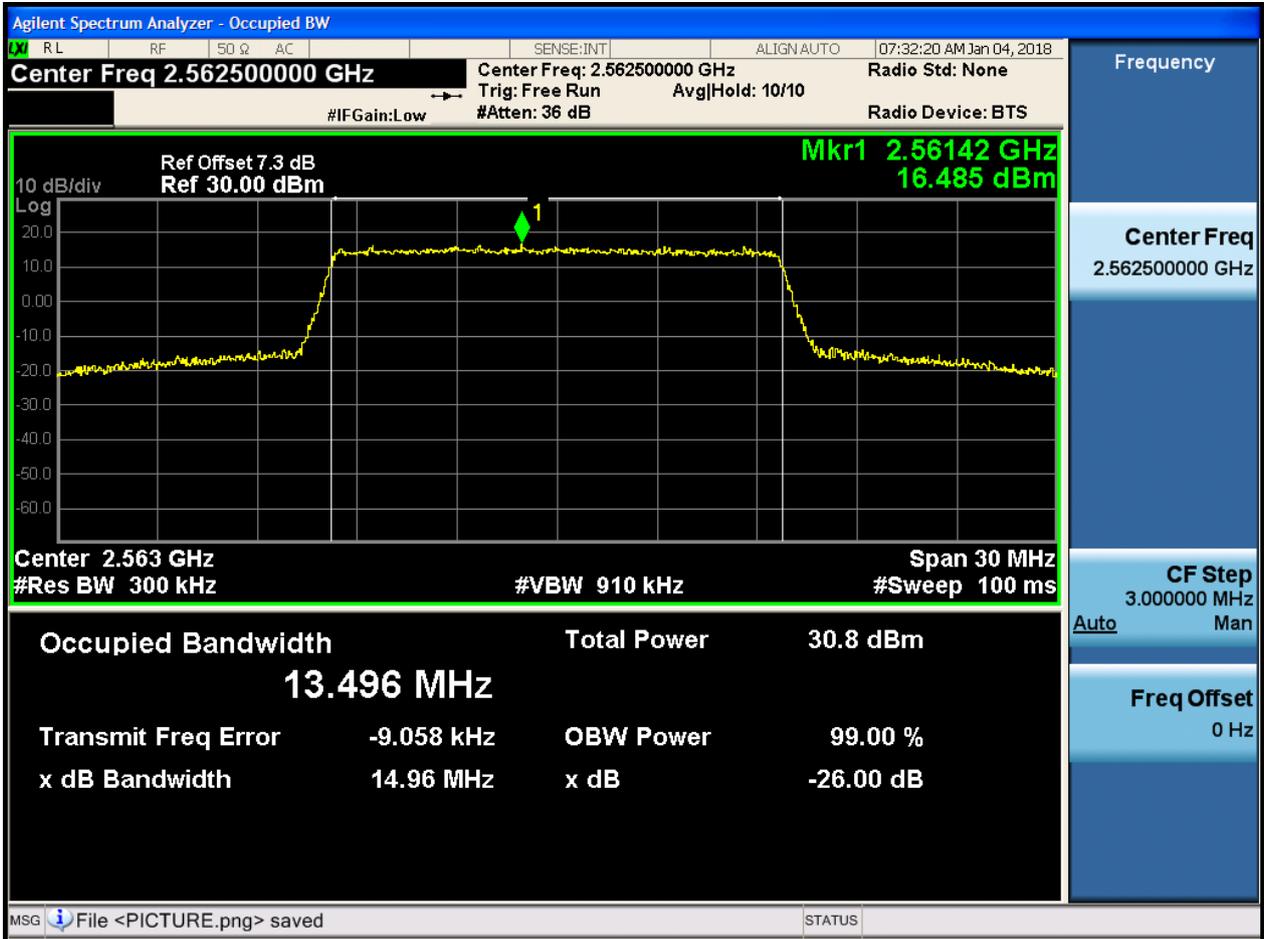
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

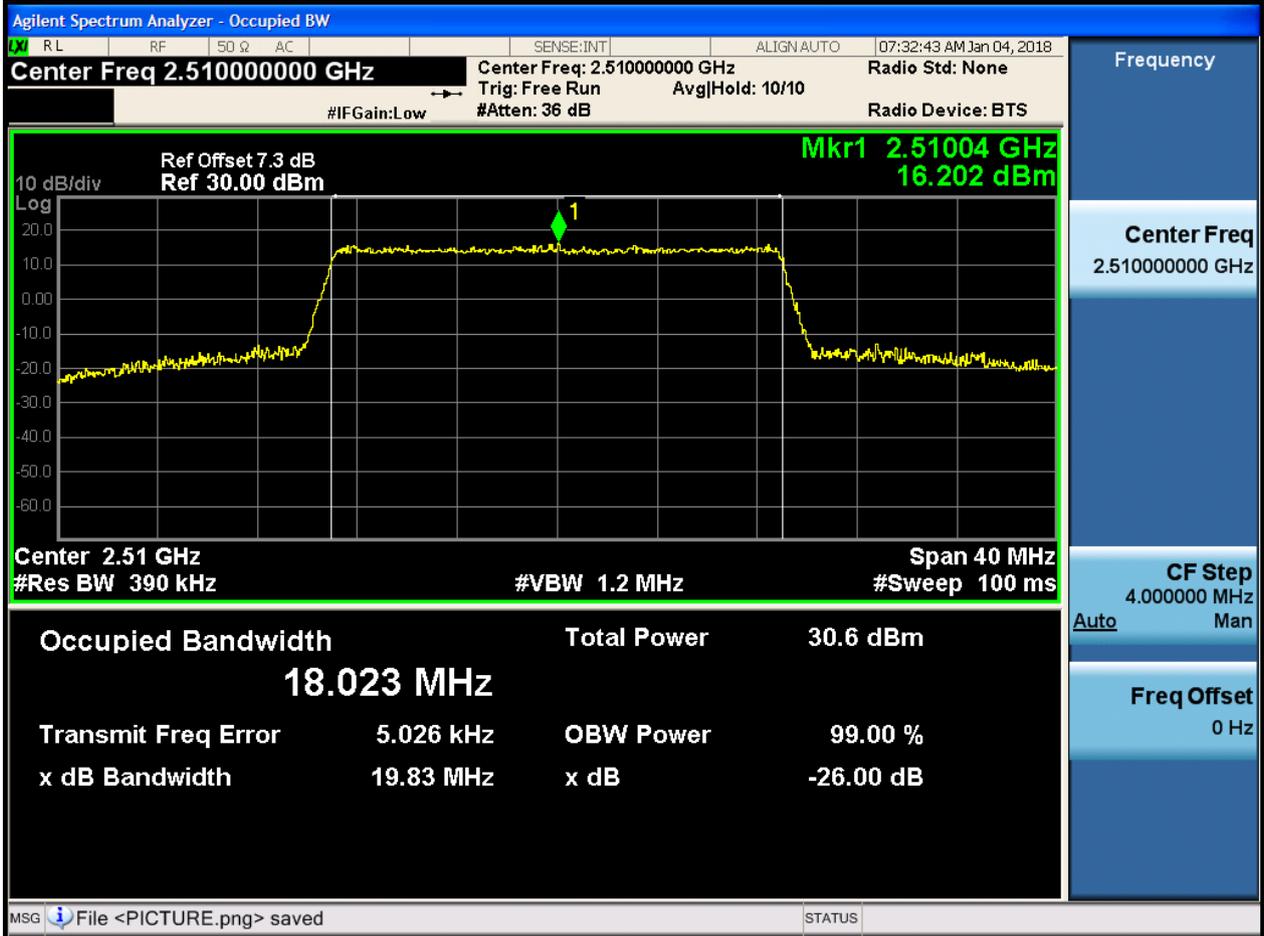




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

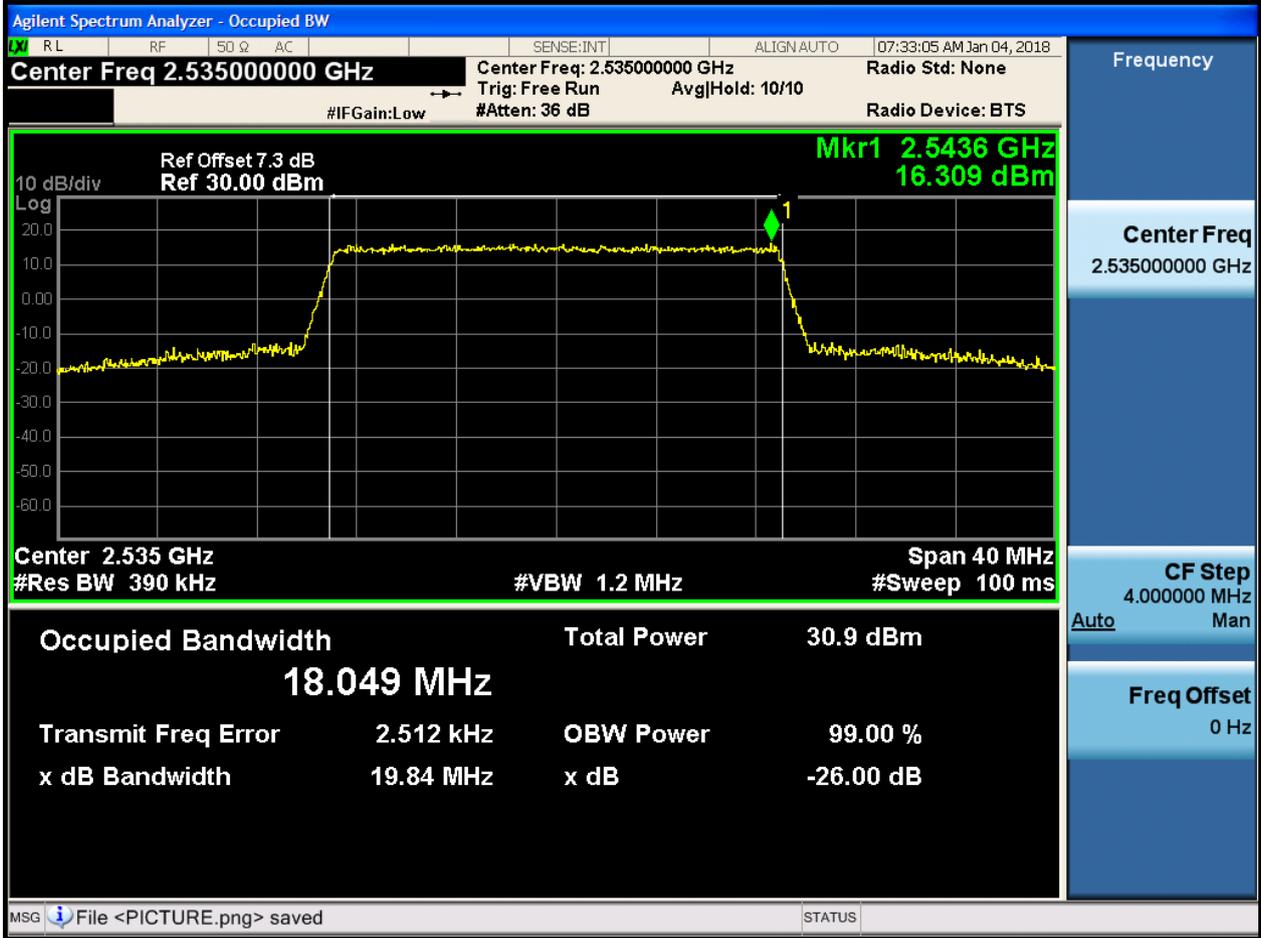
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

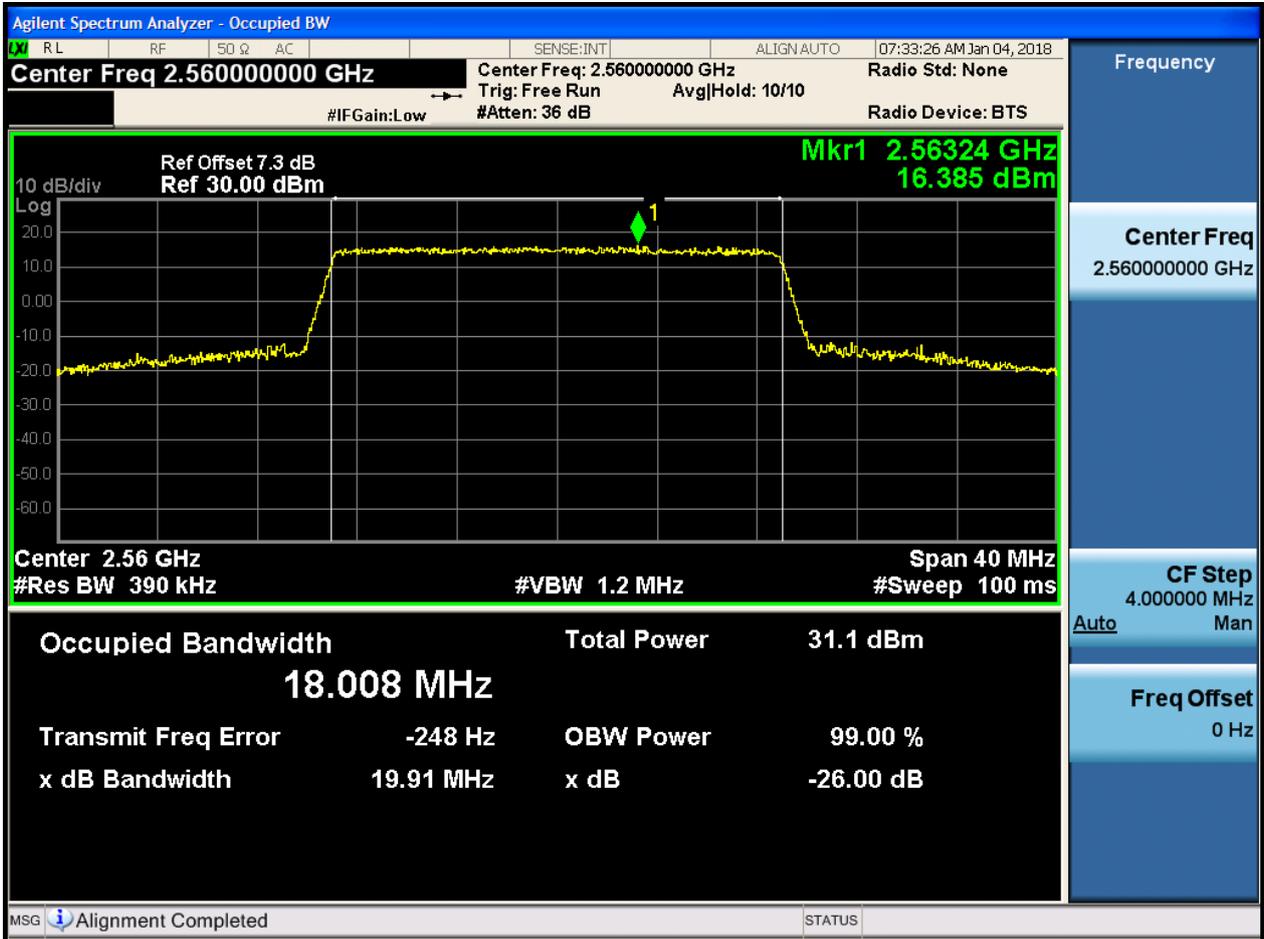
4.1.1.2.4.2.1 Test RB = RB100#0





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

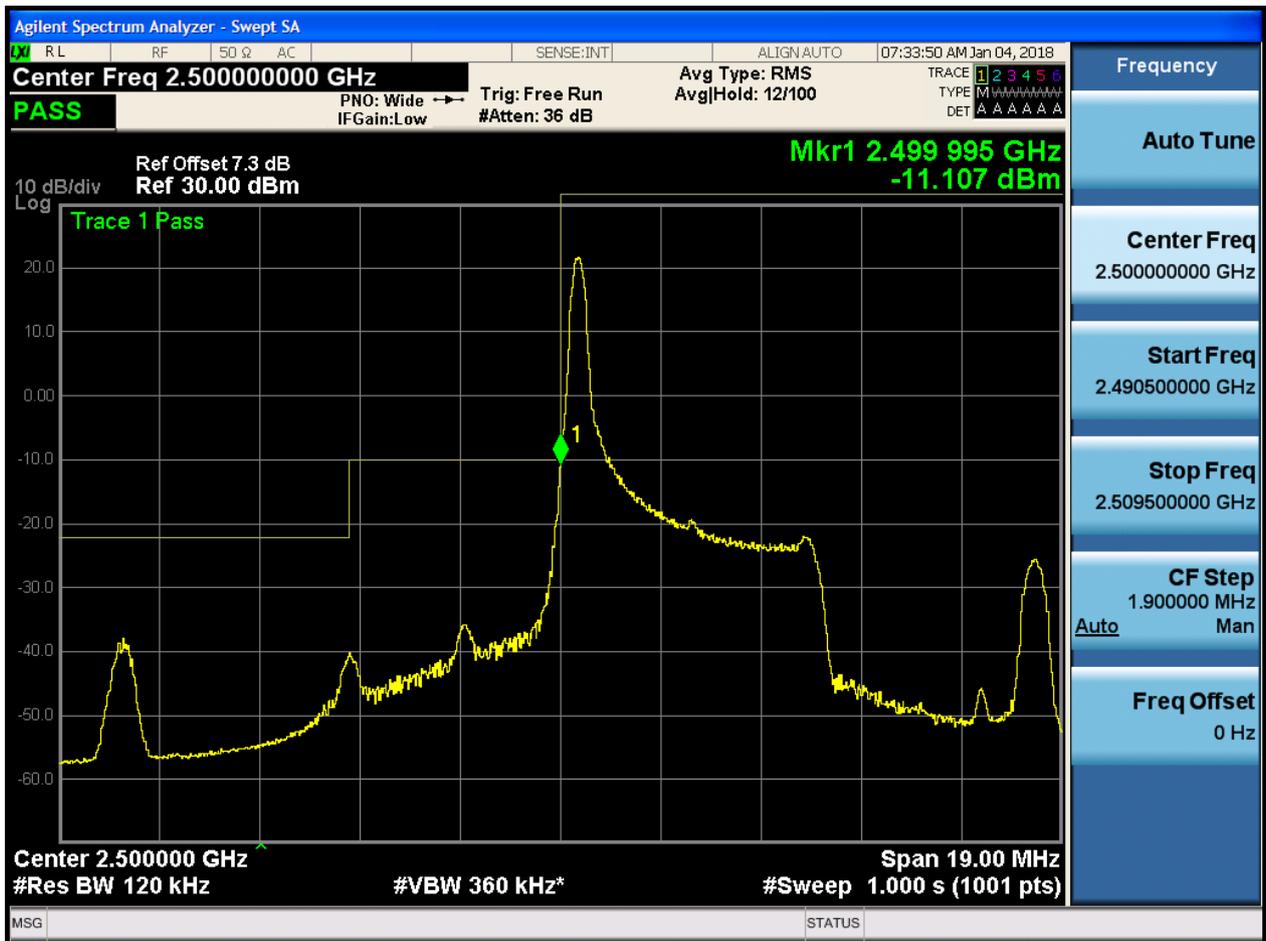
5.1.1 Test Band = BAND7

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

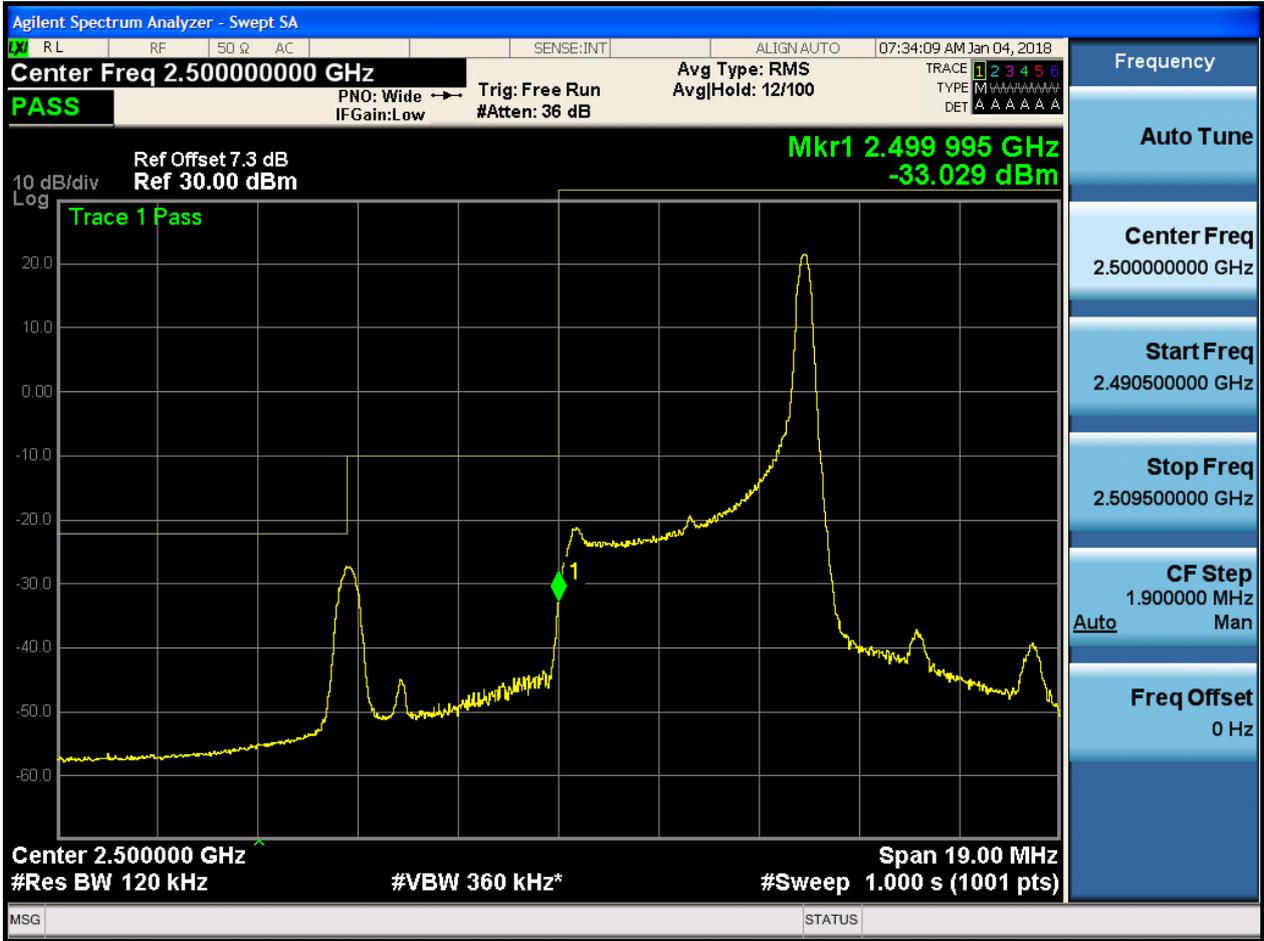
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



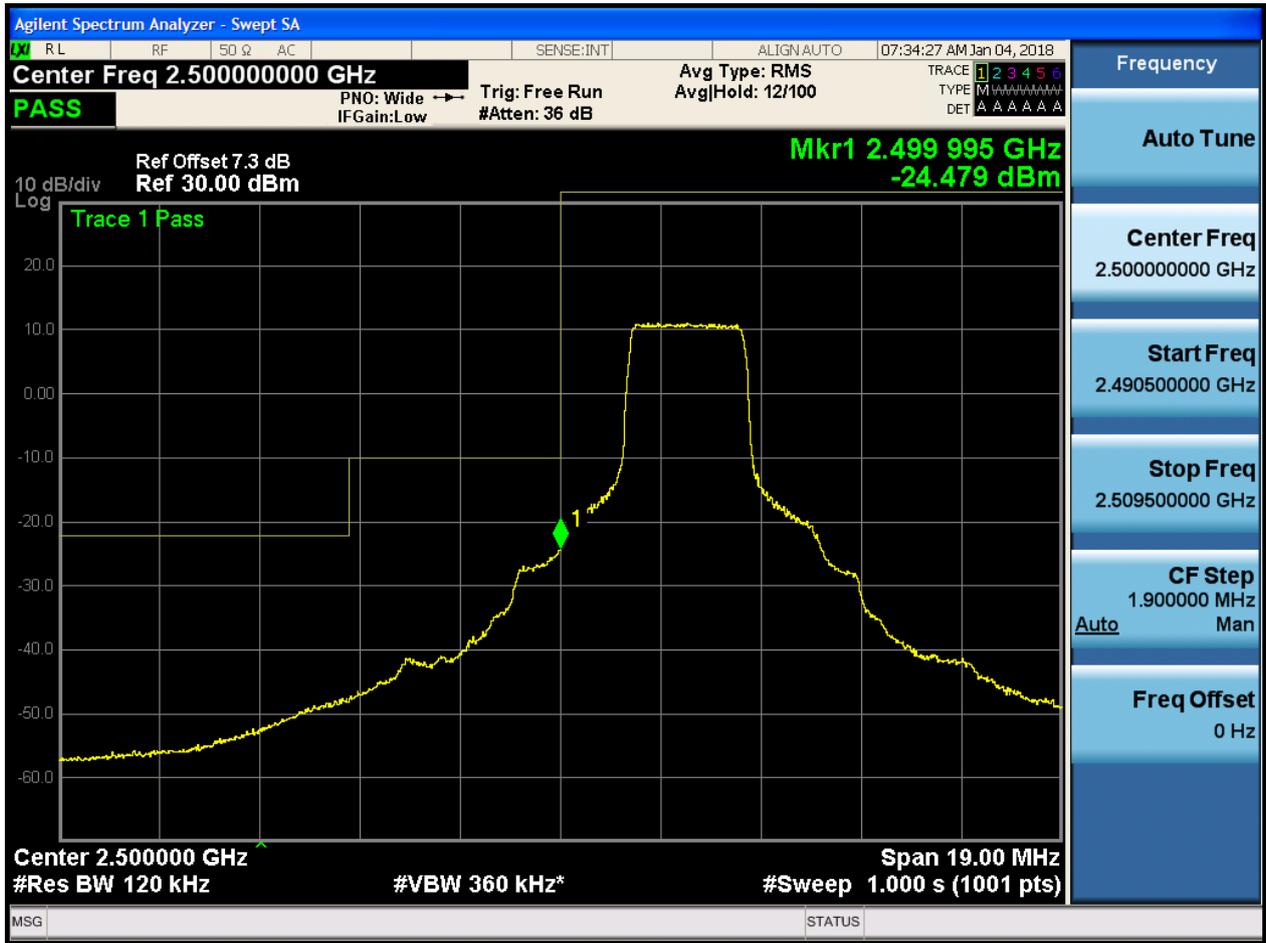


5.1.1.1.1.2 Test RB = RB1#24



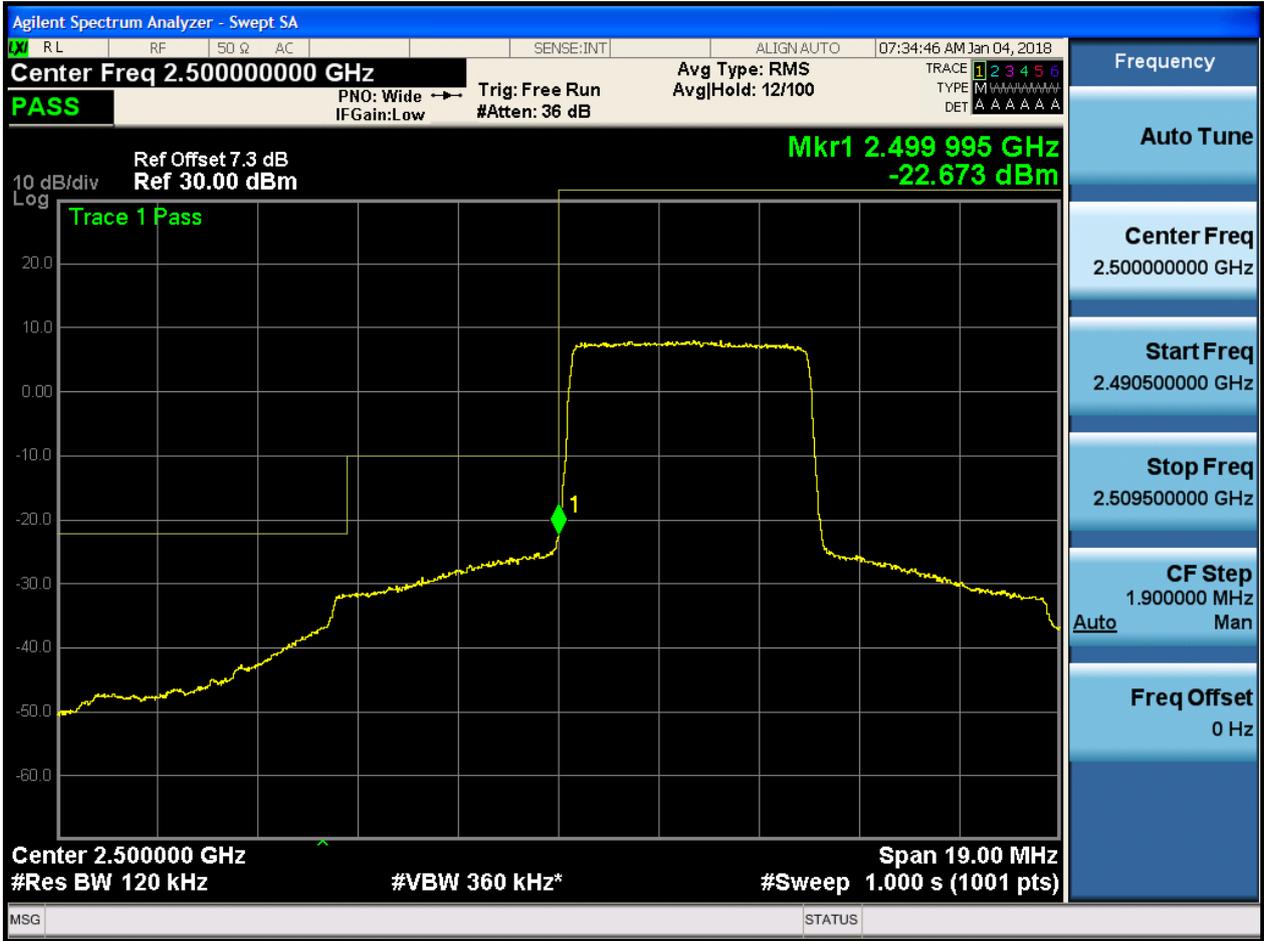


5.1.1.1.1.3 Test RB = RB12#6





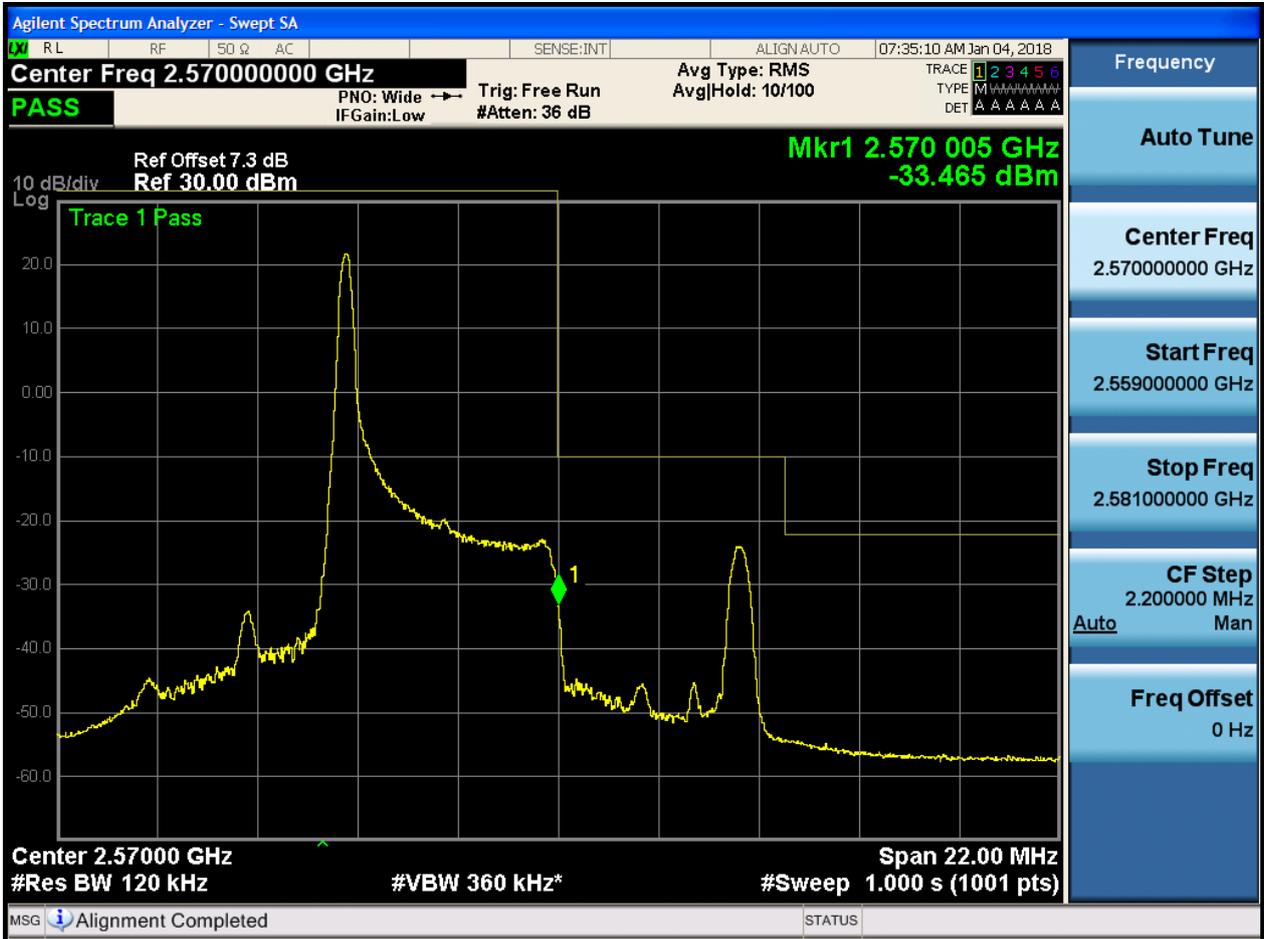
5.1.1.1.1.4 Test RB = RB25#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



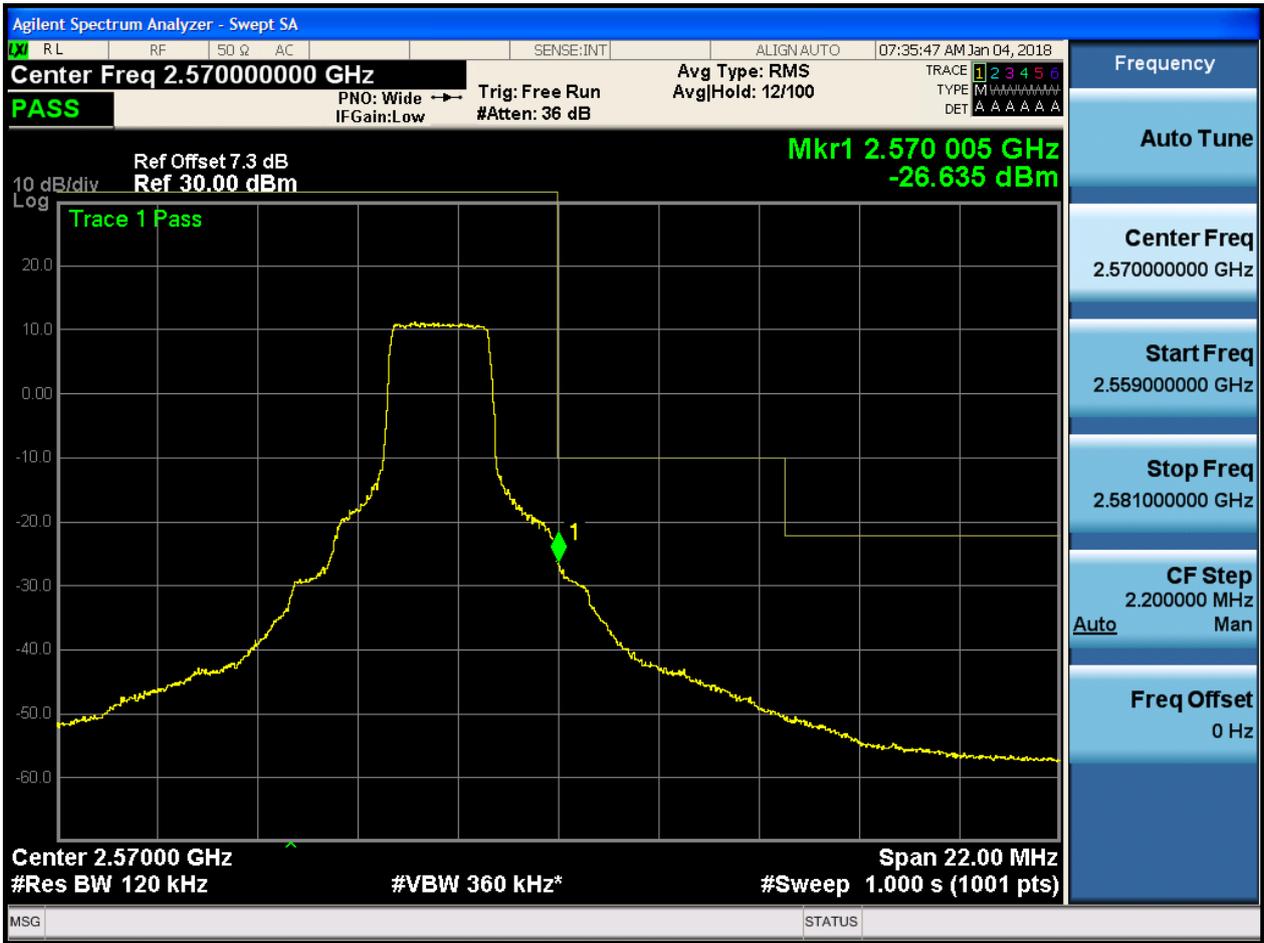


5.1.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

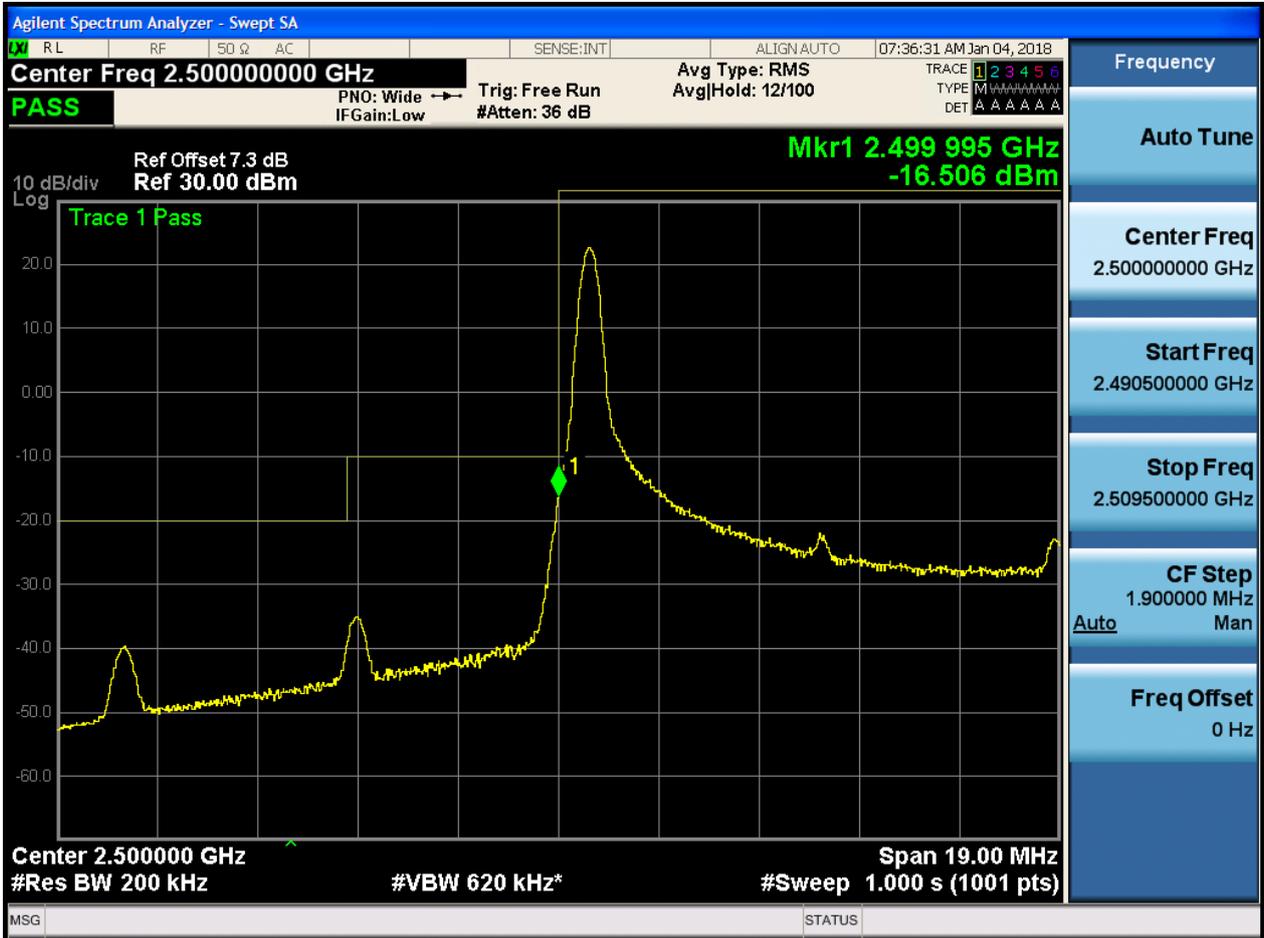




5.1.1.1.2 Test Bandwidth = 10

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





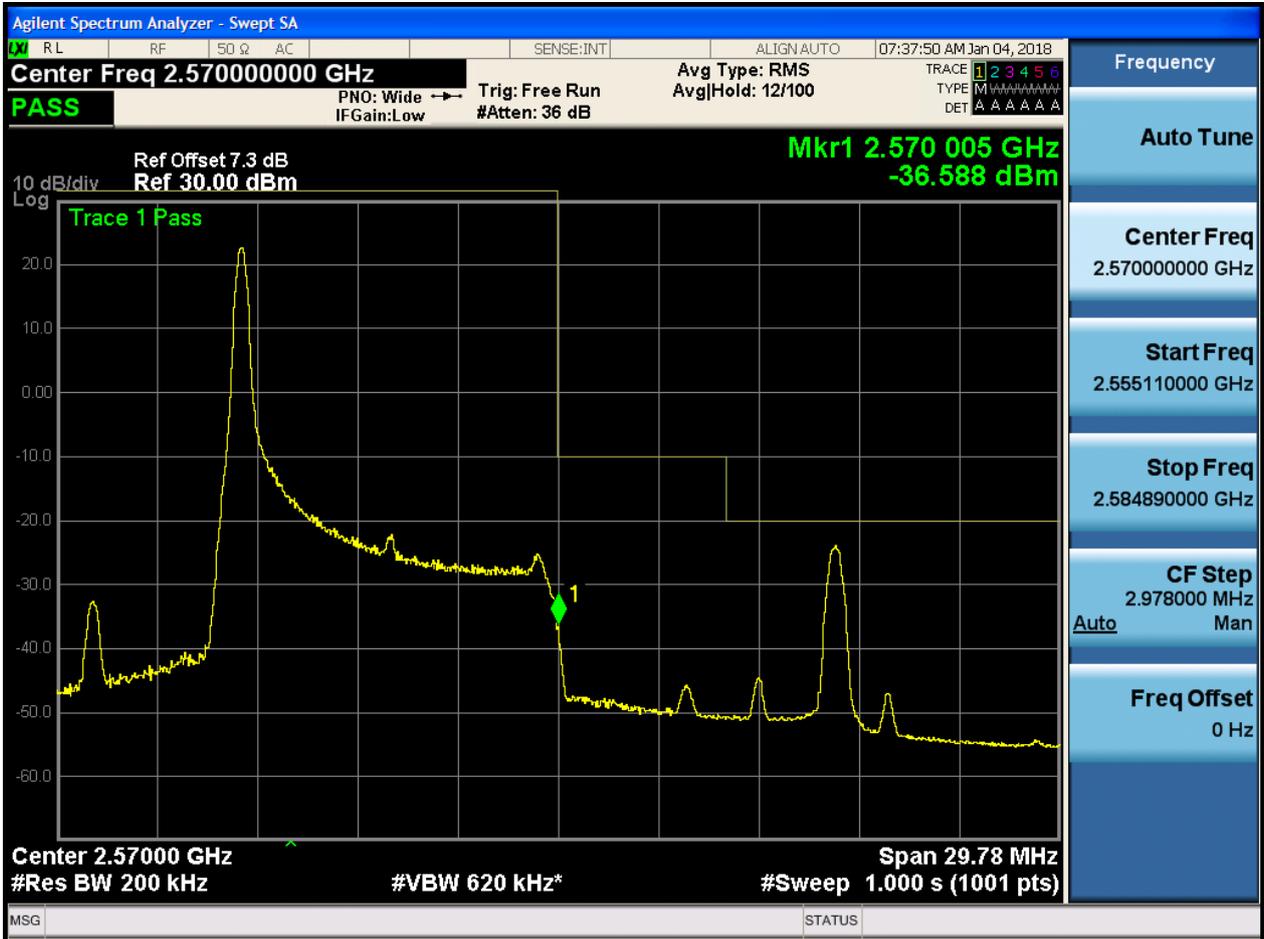
5.1.1.1.2.1.4 Test RB = RB50#0





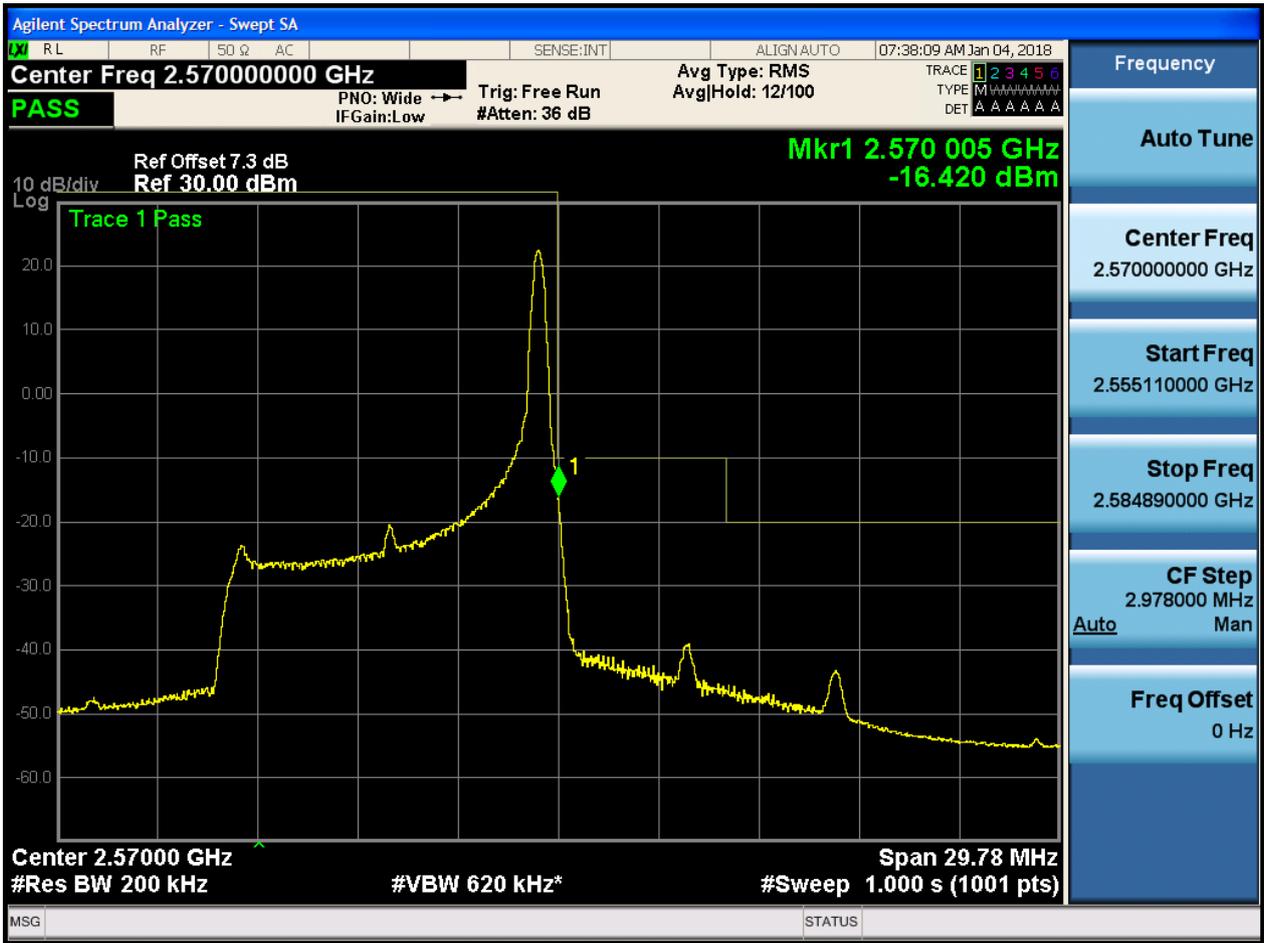
5.1.1.1.2.2 Test Channel = HCH

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

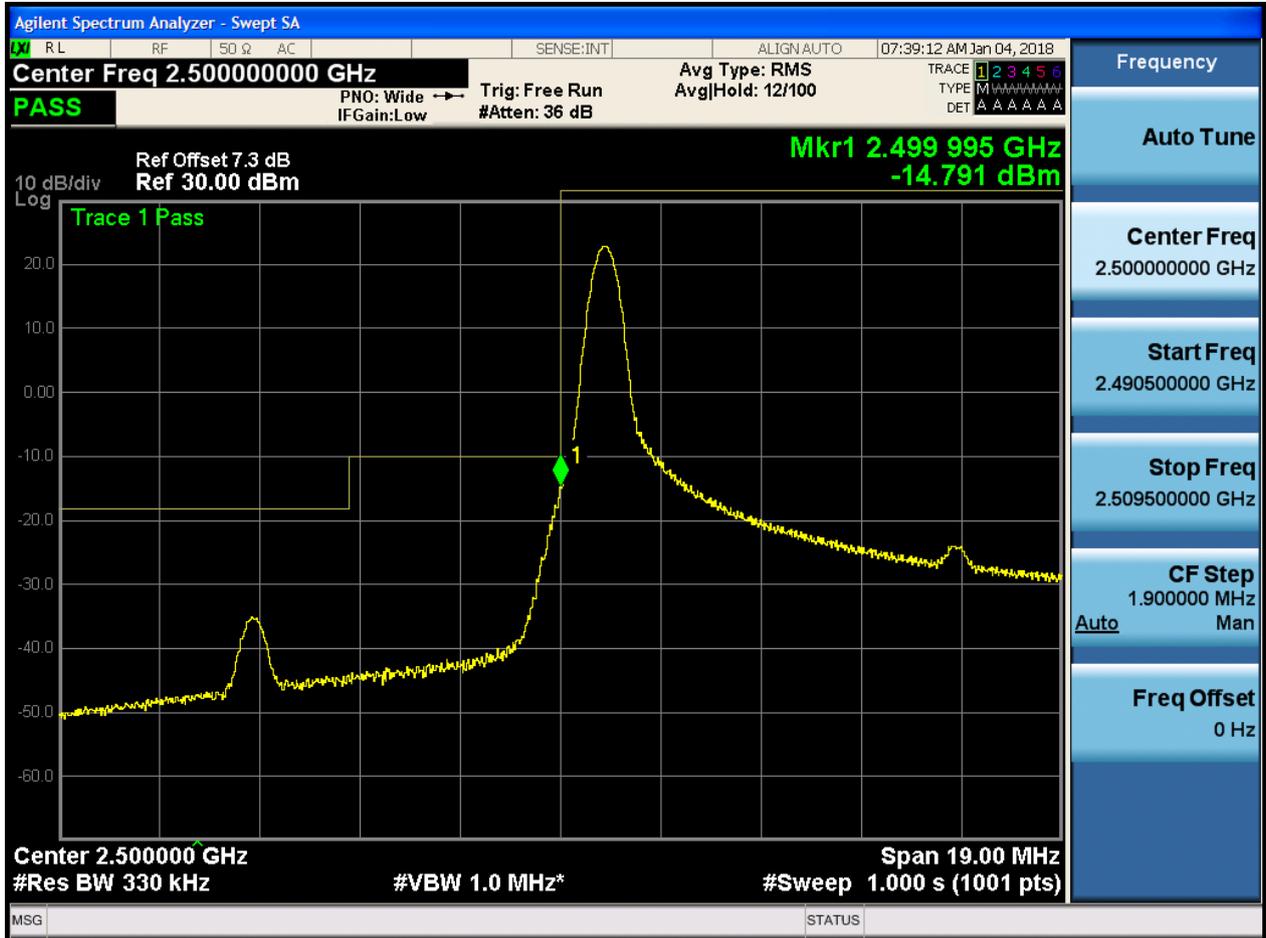




5.1.1.1.3 Test Bandwidth = 15

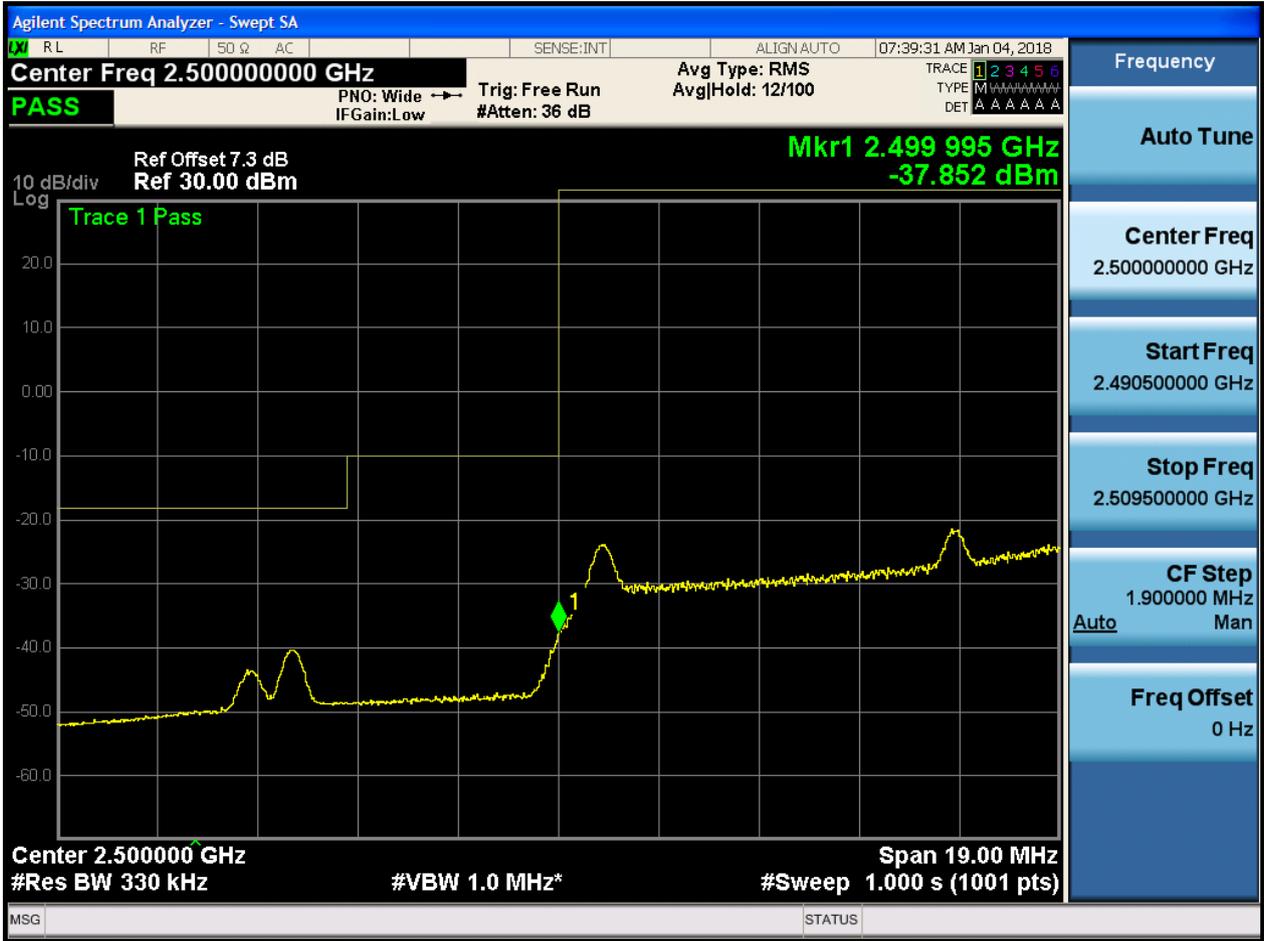
5.1.1.1.3.1 Test Channel = LCH

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 = RB36#18





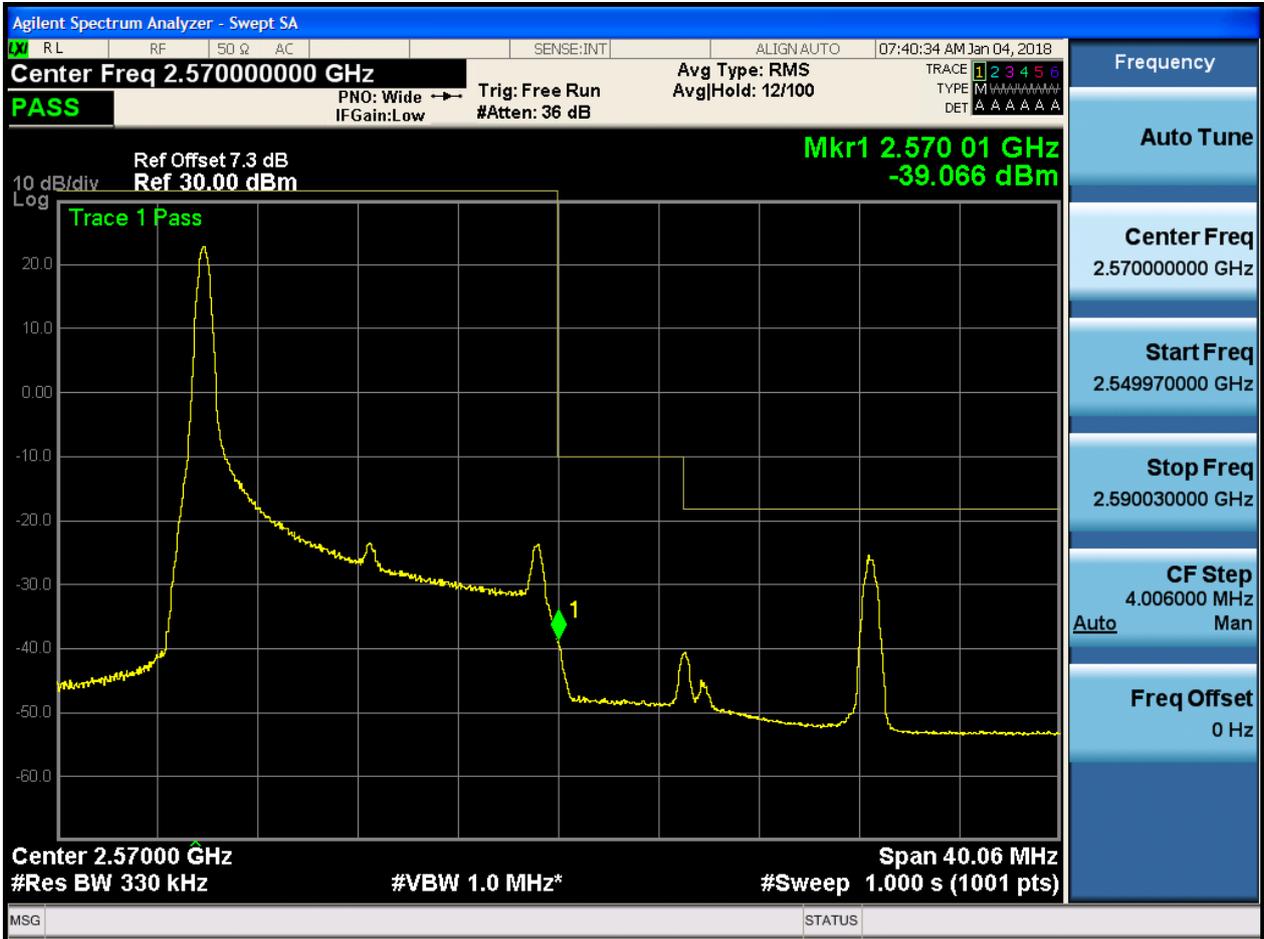
5.1.1.1.3.1.4 Test RB = RB75#0





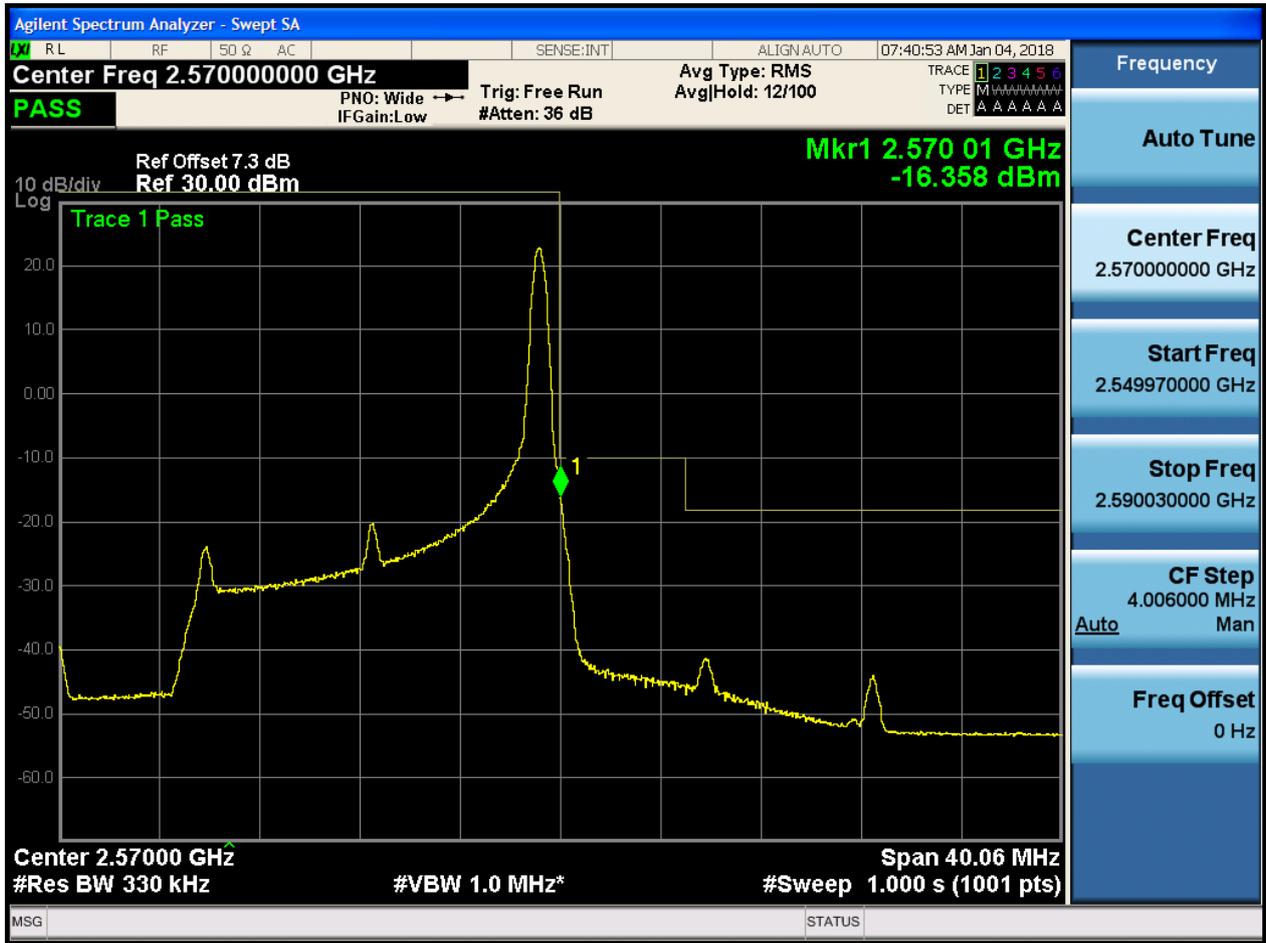
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



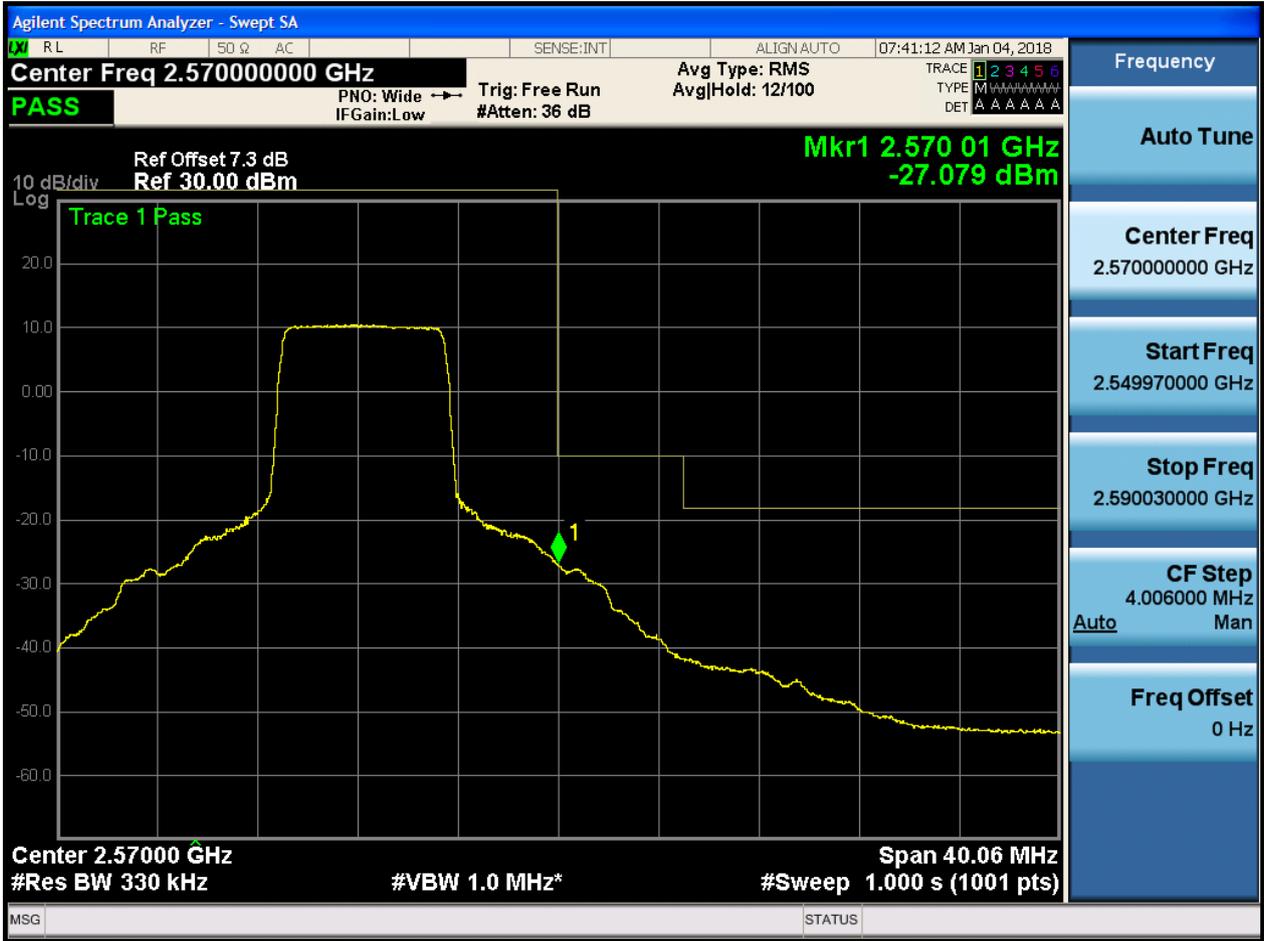


5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





5.1.1.1.3.2.4 Test RB = RB75#0

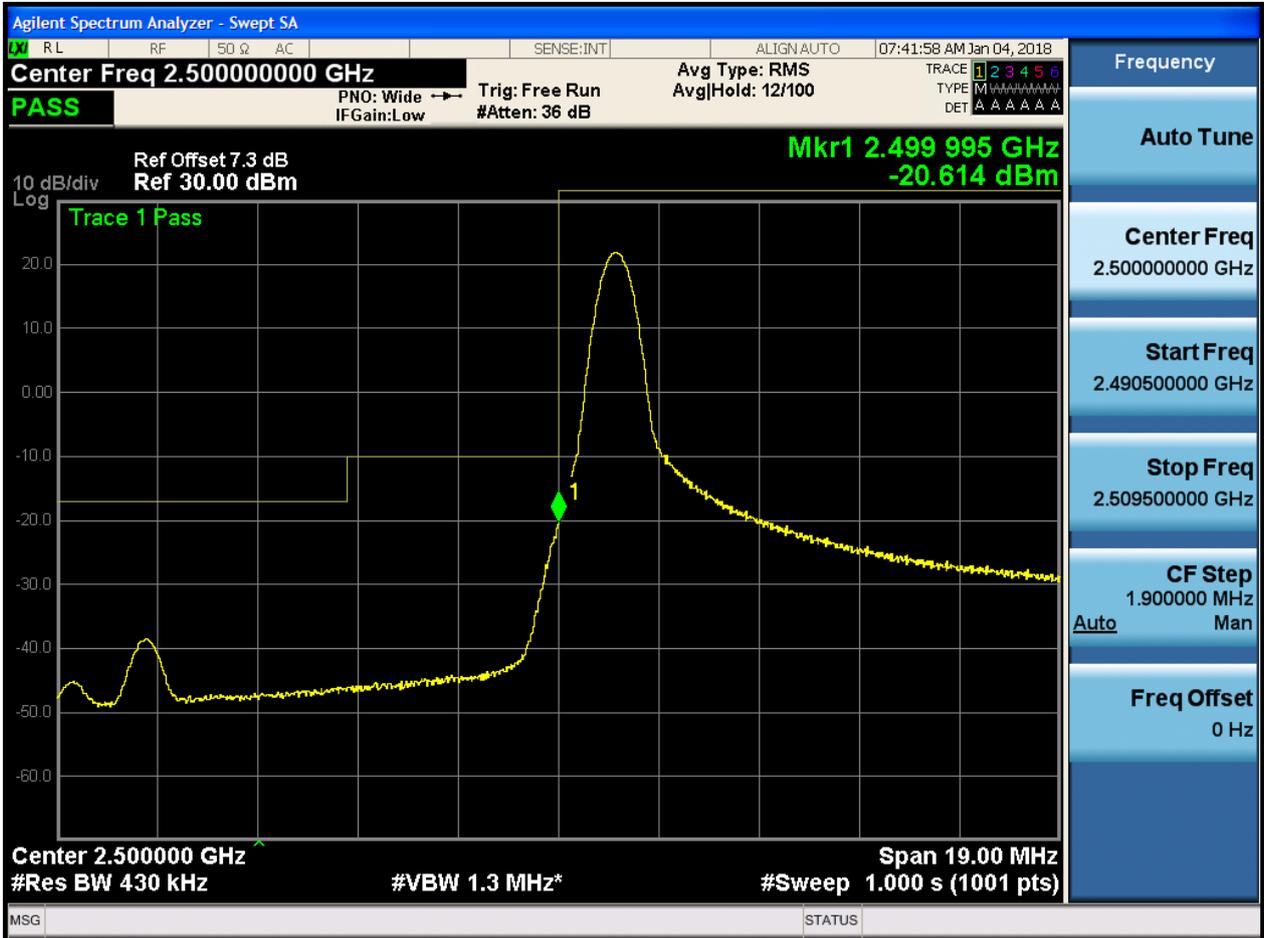




5.1.1.1.4 Test Bandwidth = 20

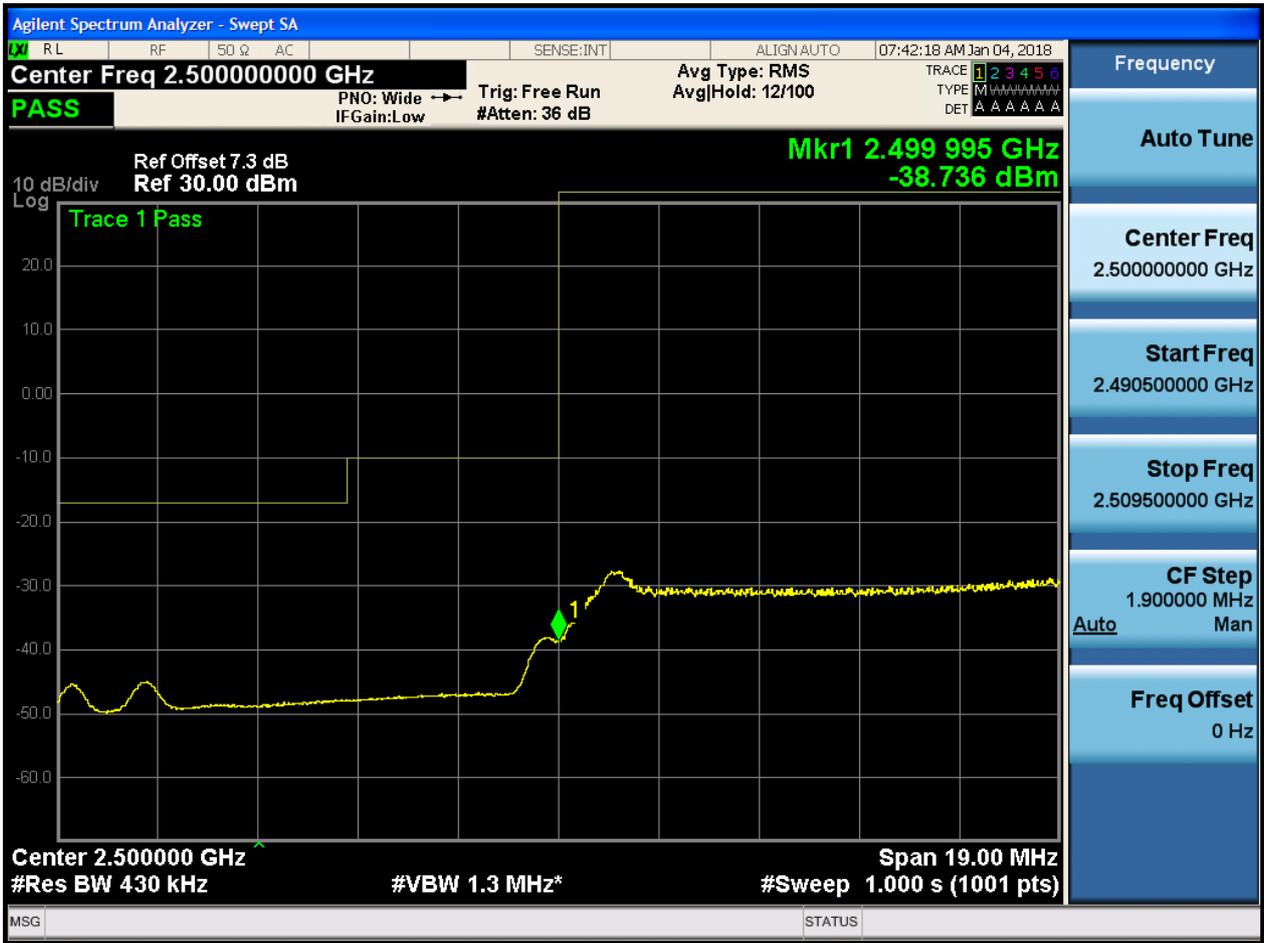
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99



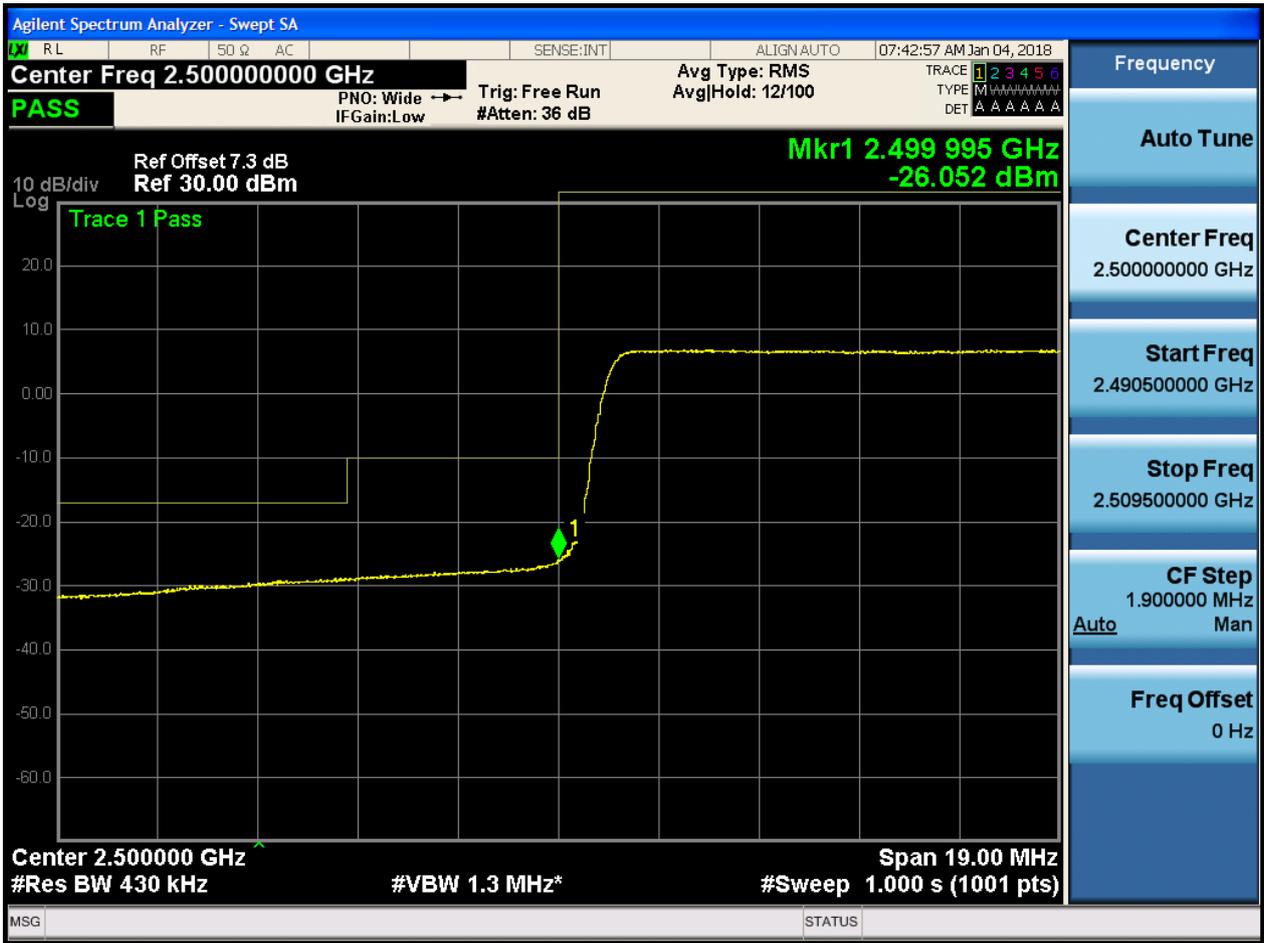


5.1.1.1.4.1.3 Test RB = RB50#25





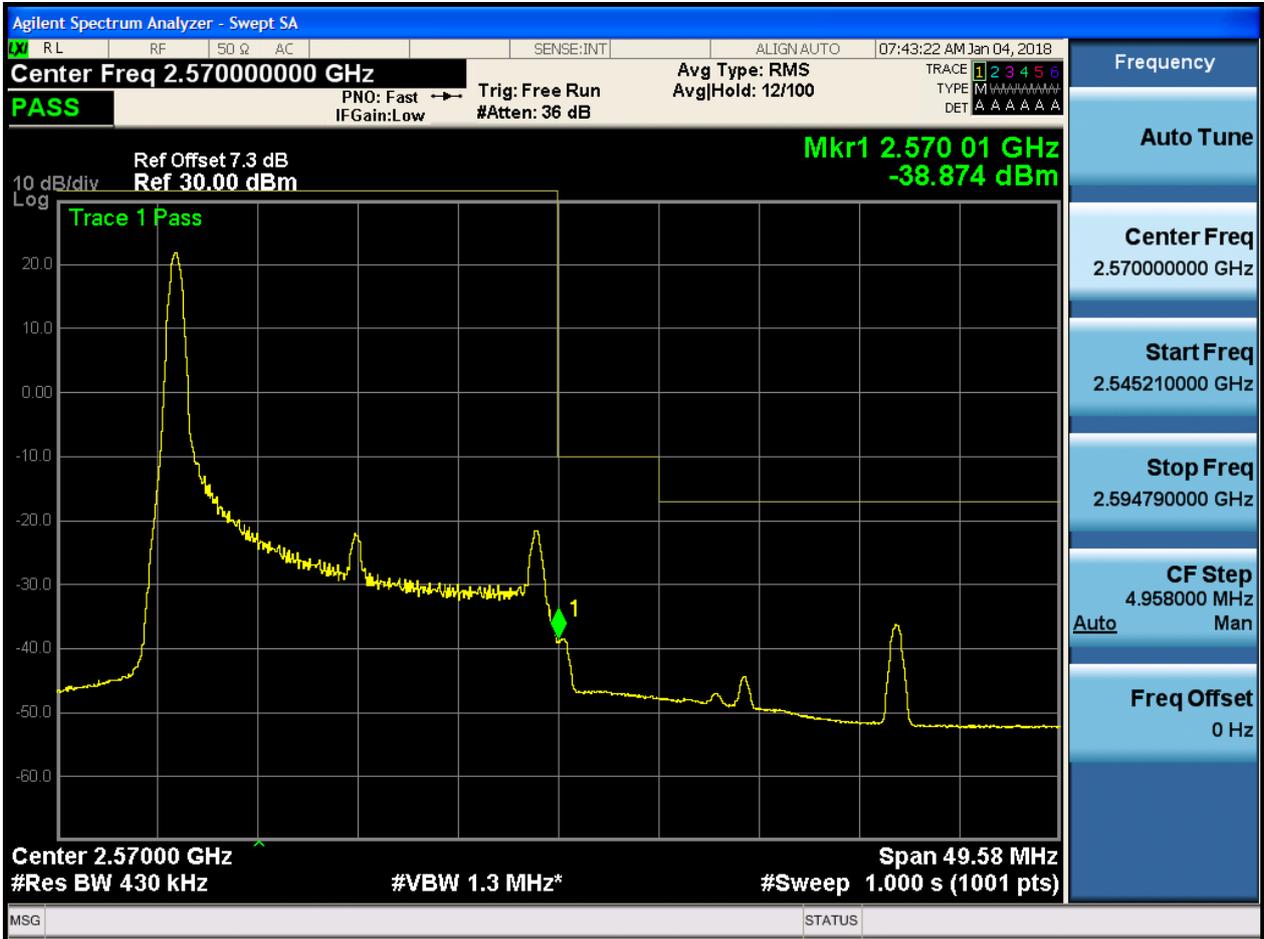
5.1.1.1.4.1.4 Test RB = RB100#0





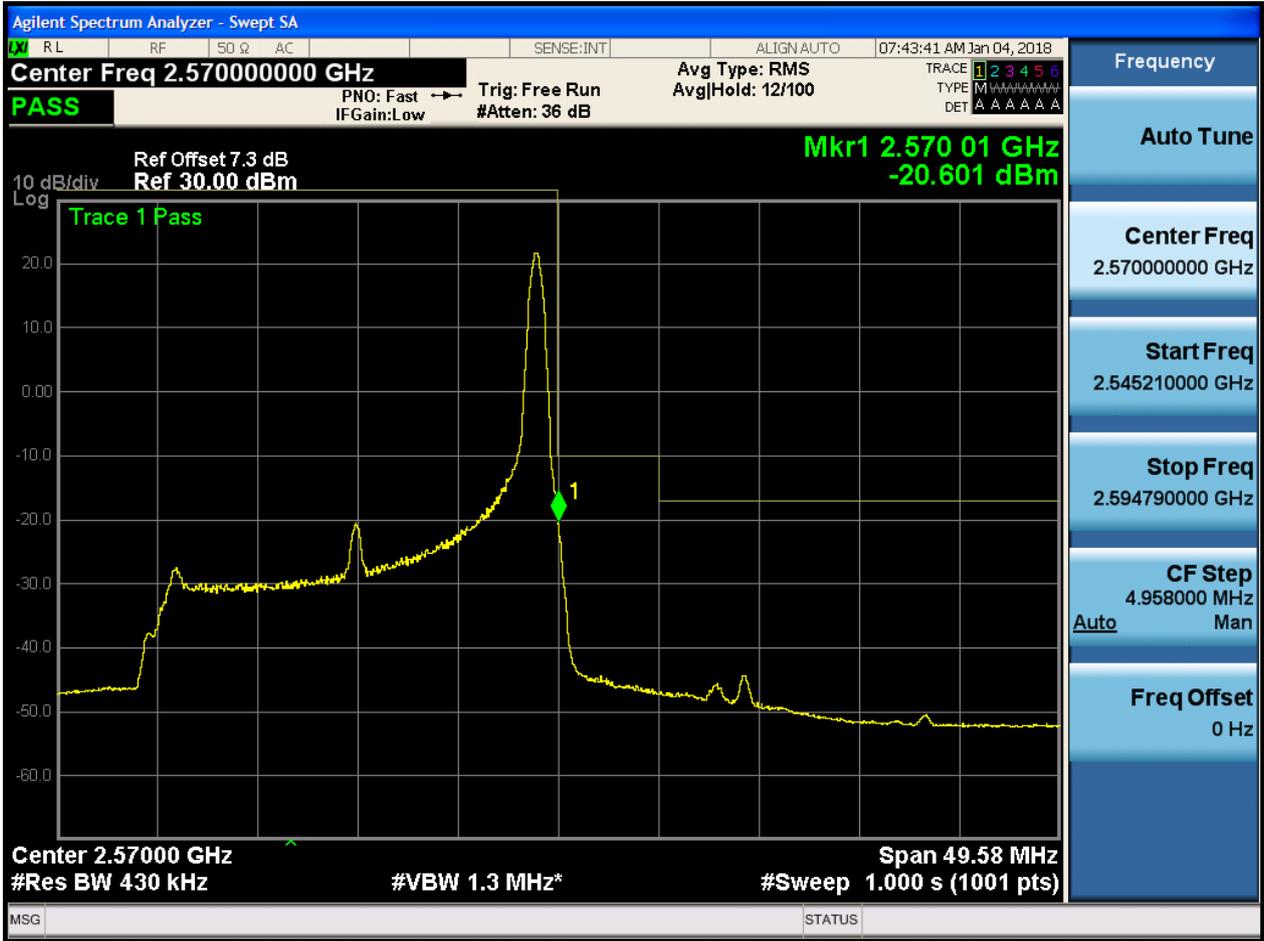
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0





5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

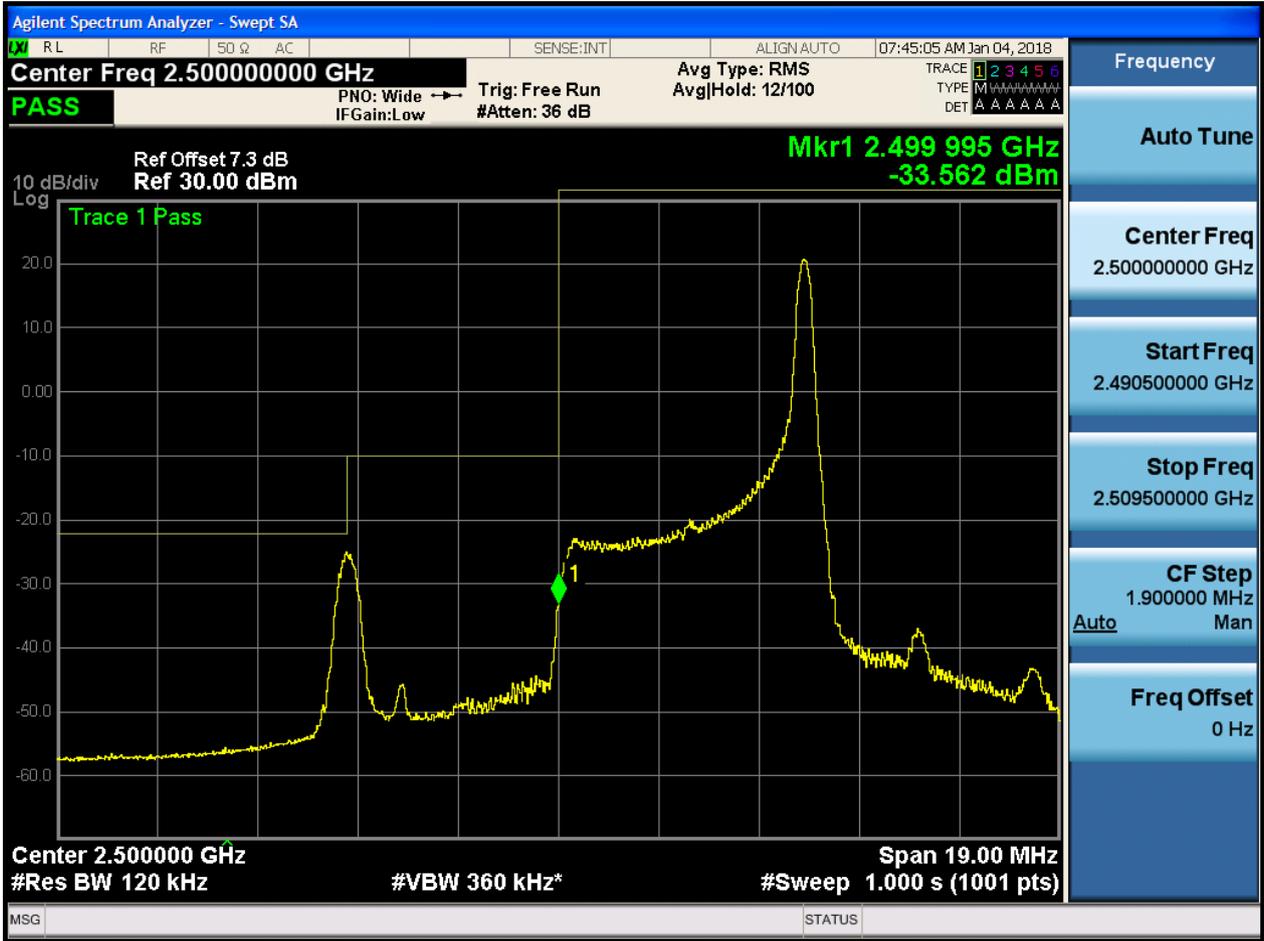
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



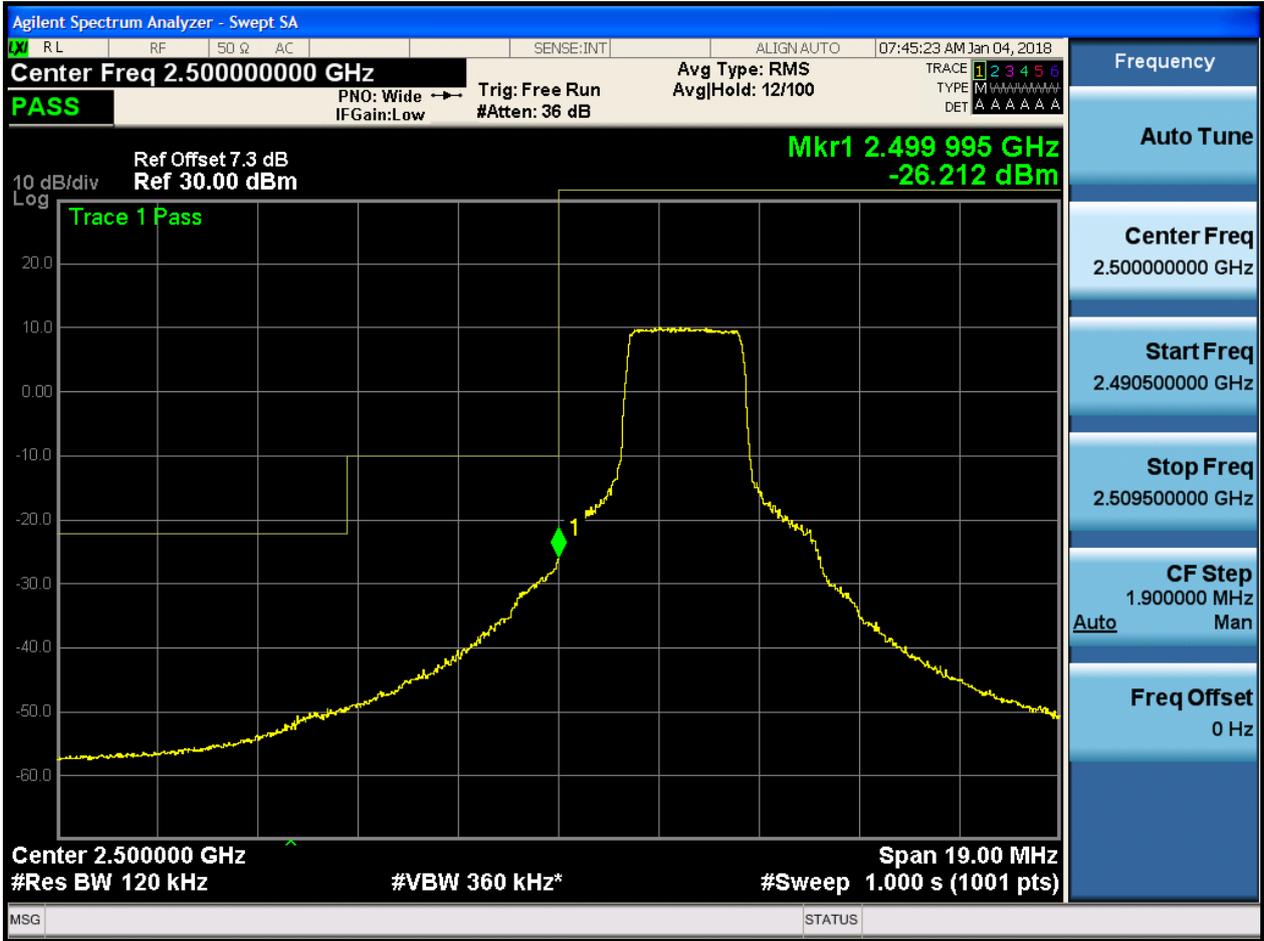


5.1.1.2.1.1.2 Test RB = RB1#24



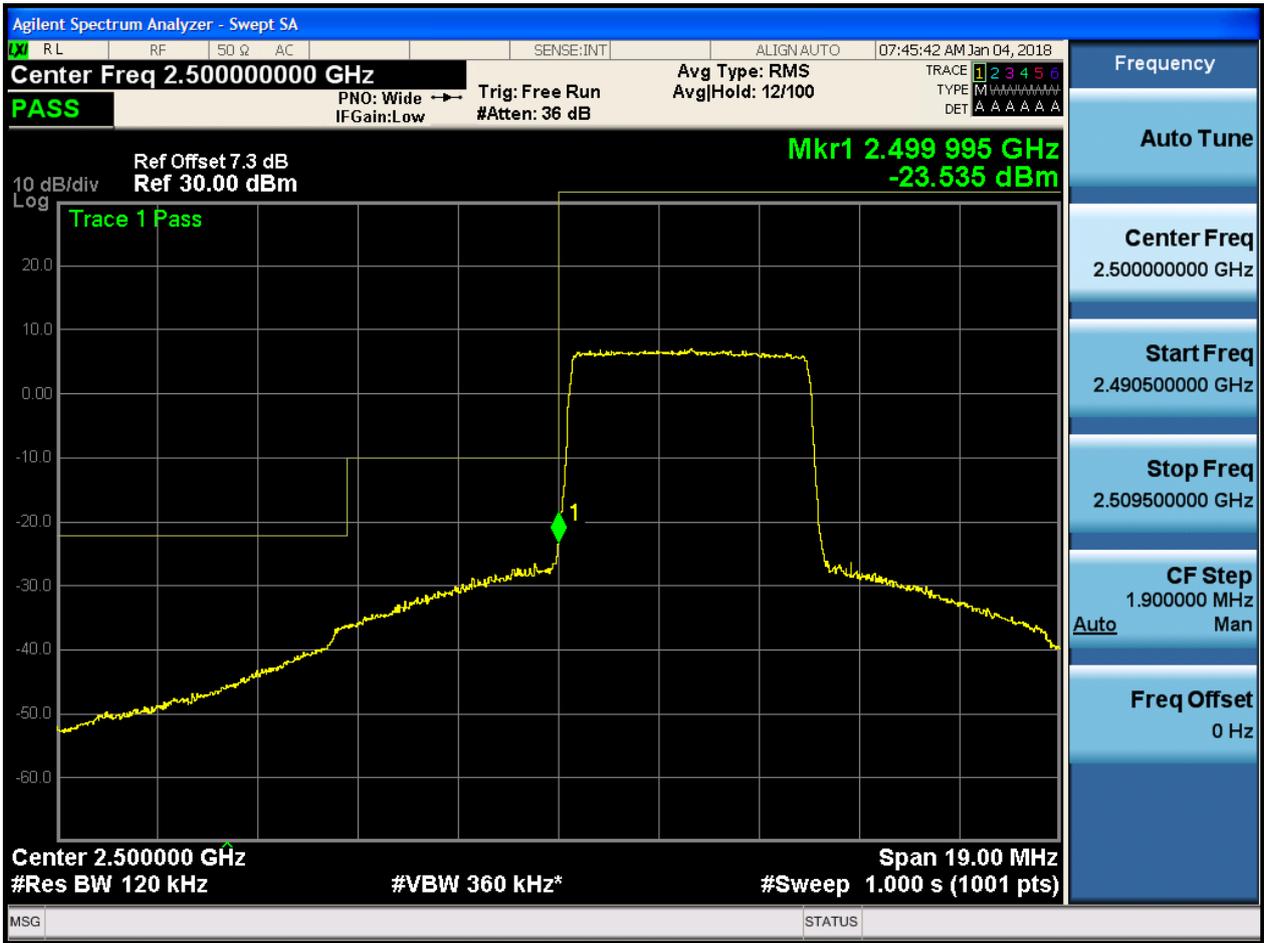


5.1.1.2.1.1.3 Test RB = RB12#6





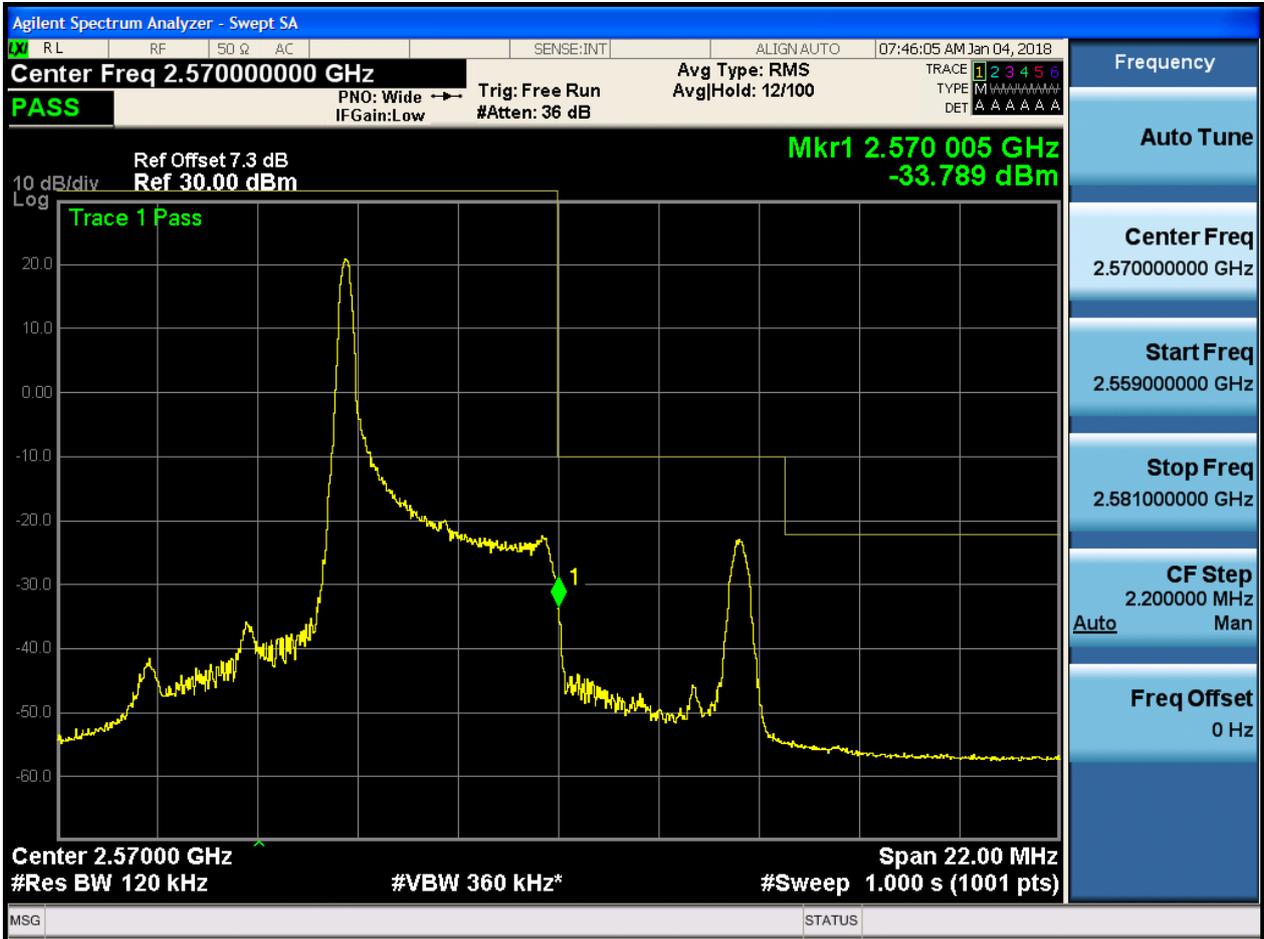
5.1.1.2.1.1.4 Test RB = RB25#0





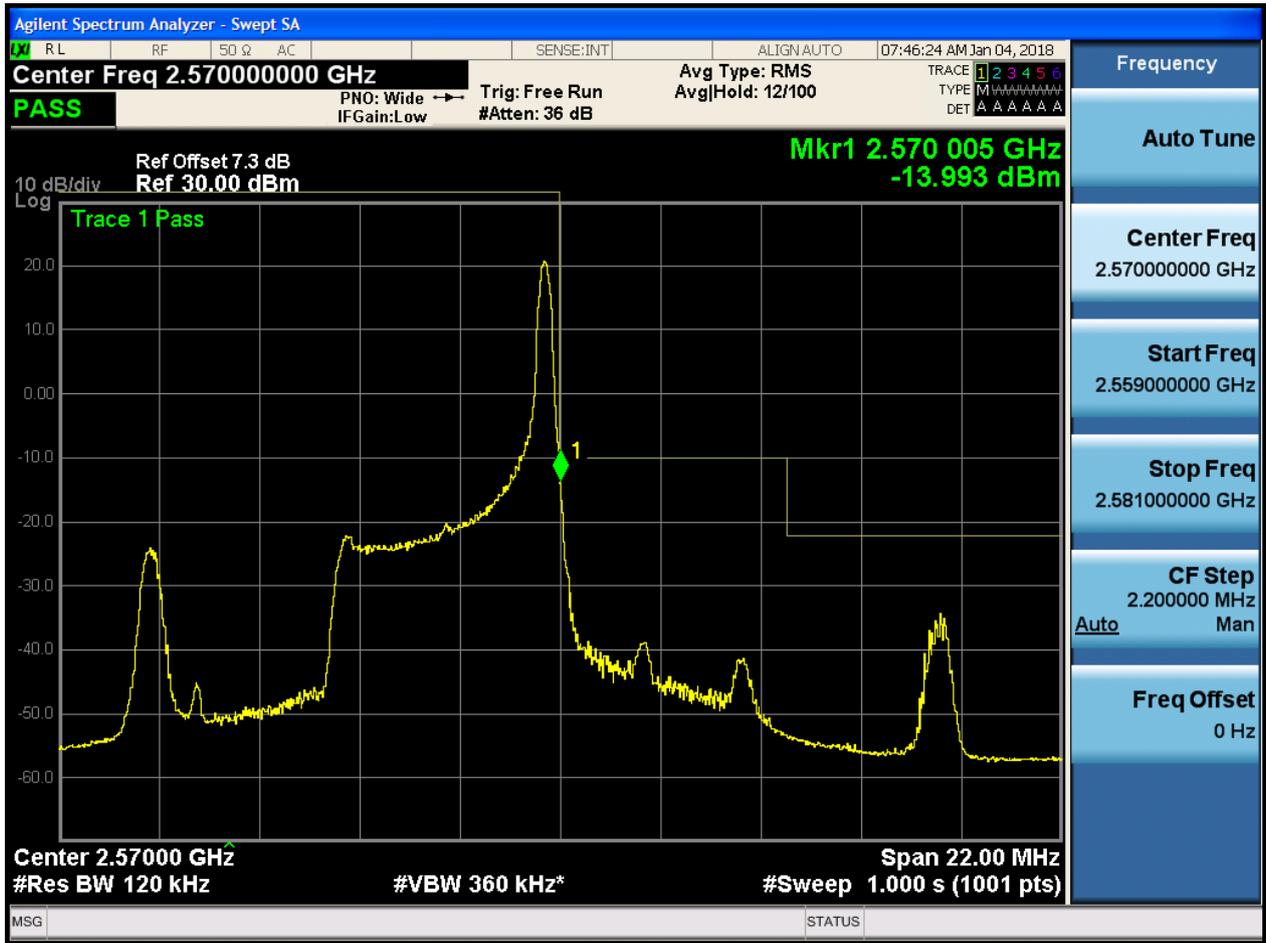
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



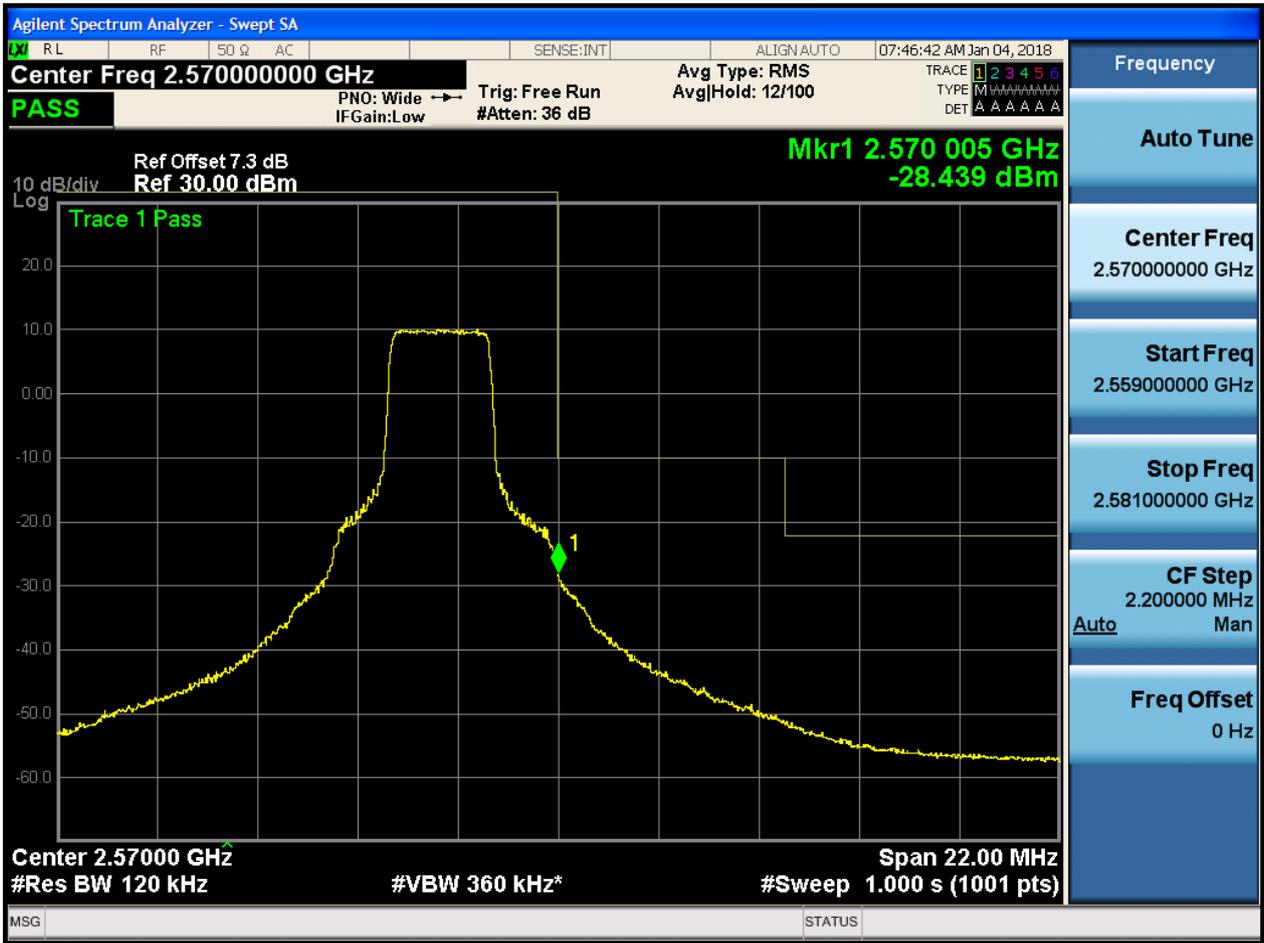


5.1.1.2.1.2.2 Test RB = RB1#24



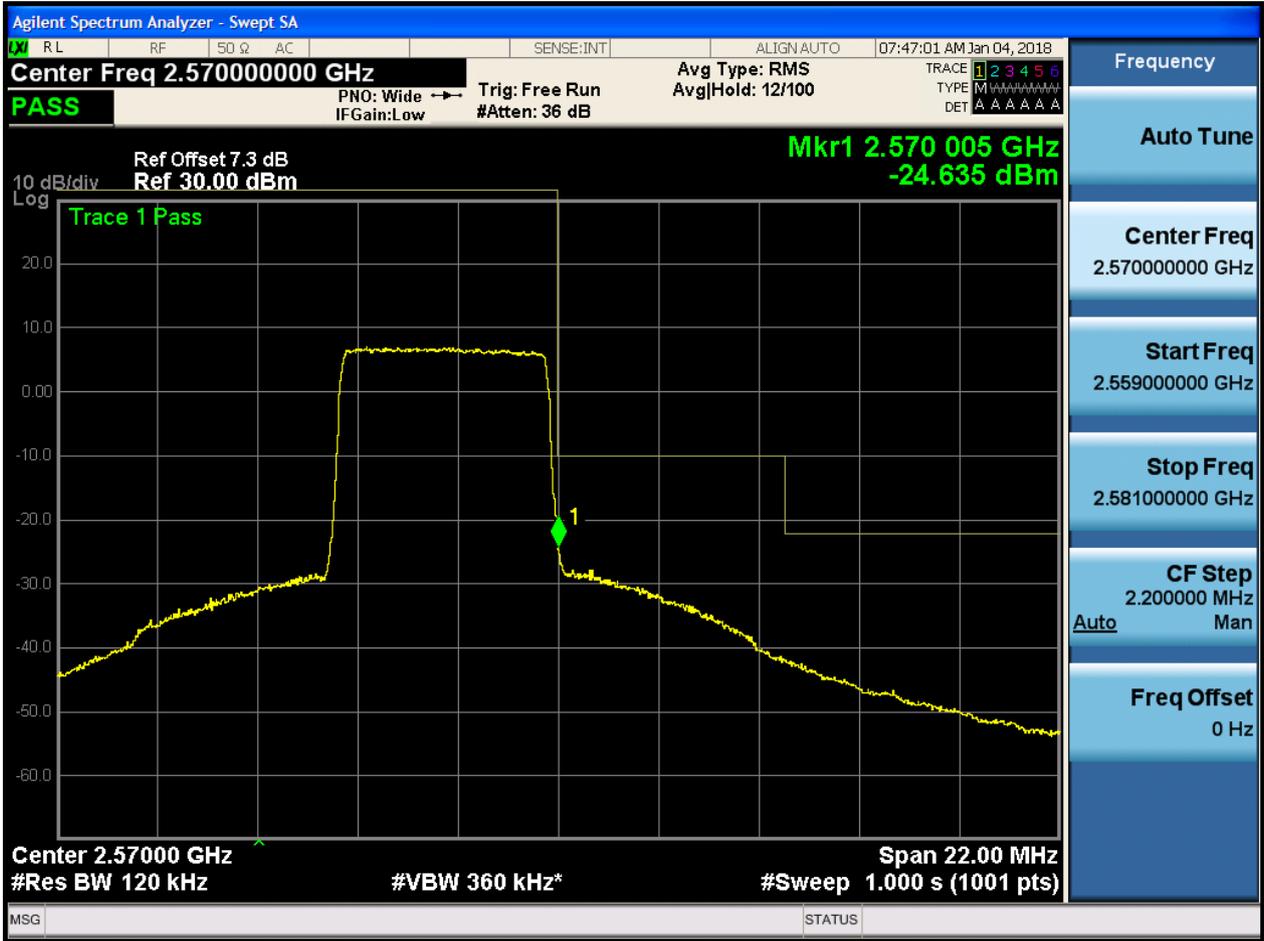


5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

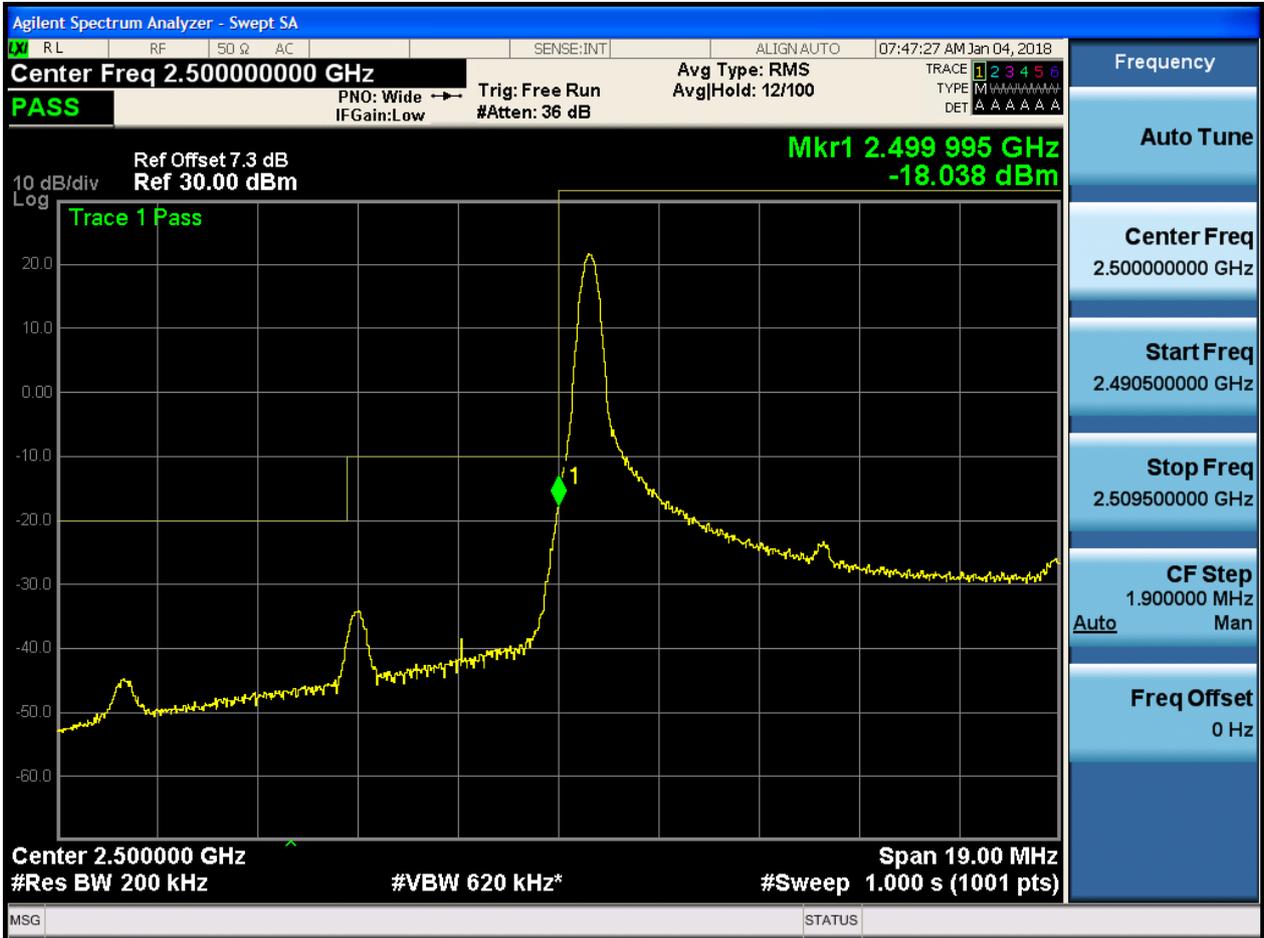




5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





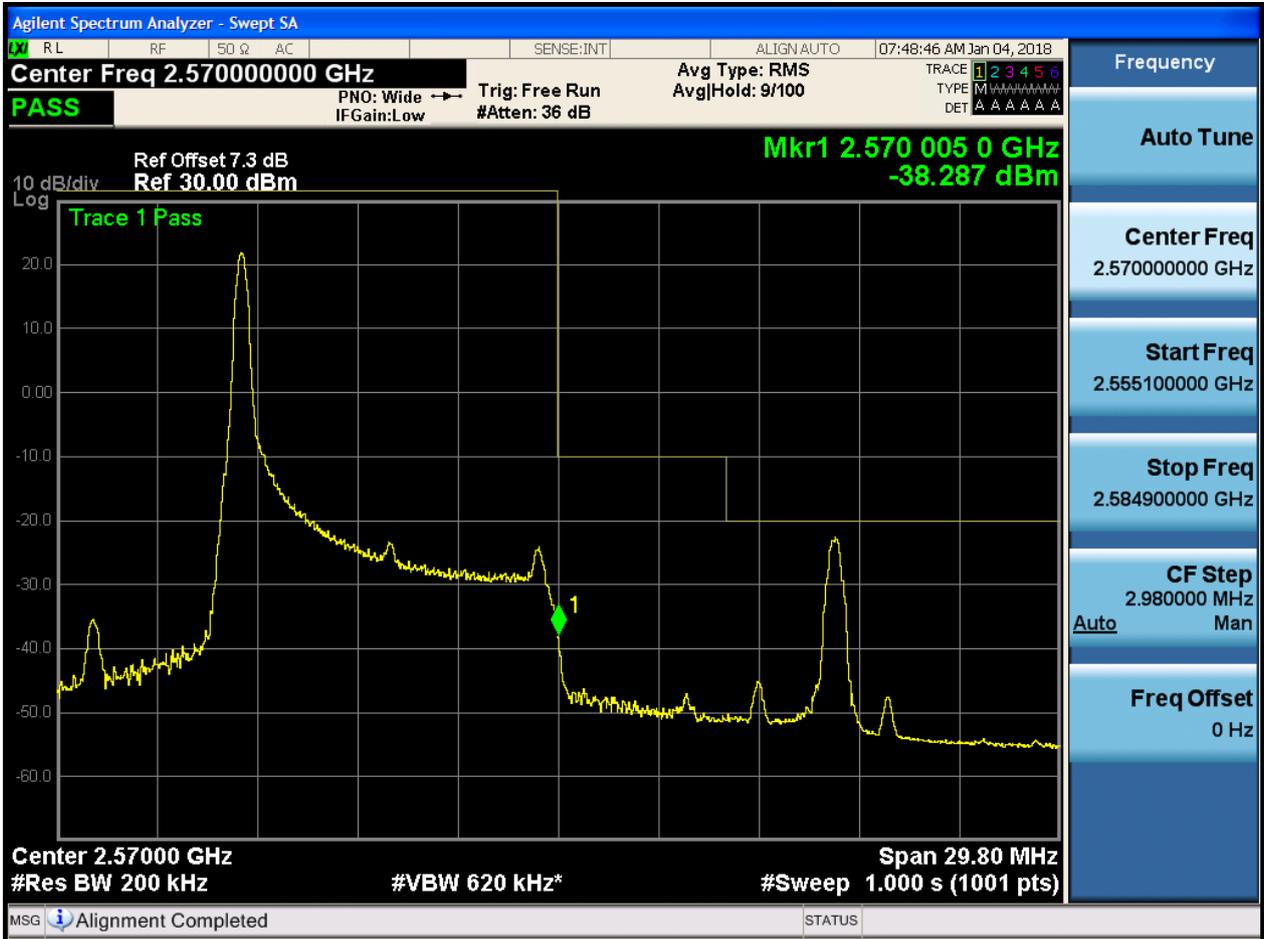
5.1.1.2.2.1.4 Test RB = RB50#0





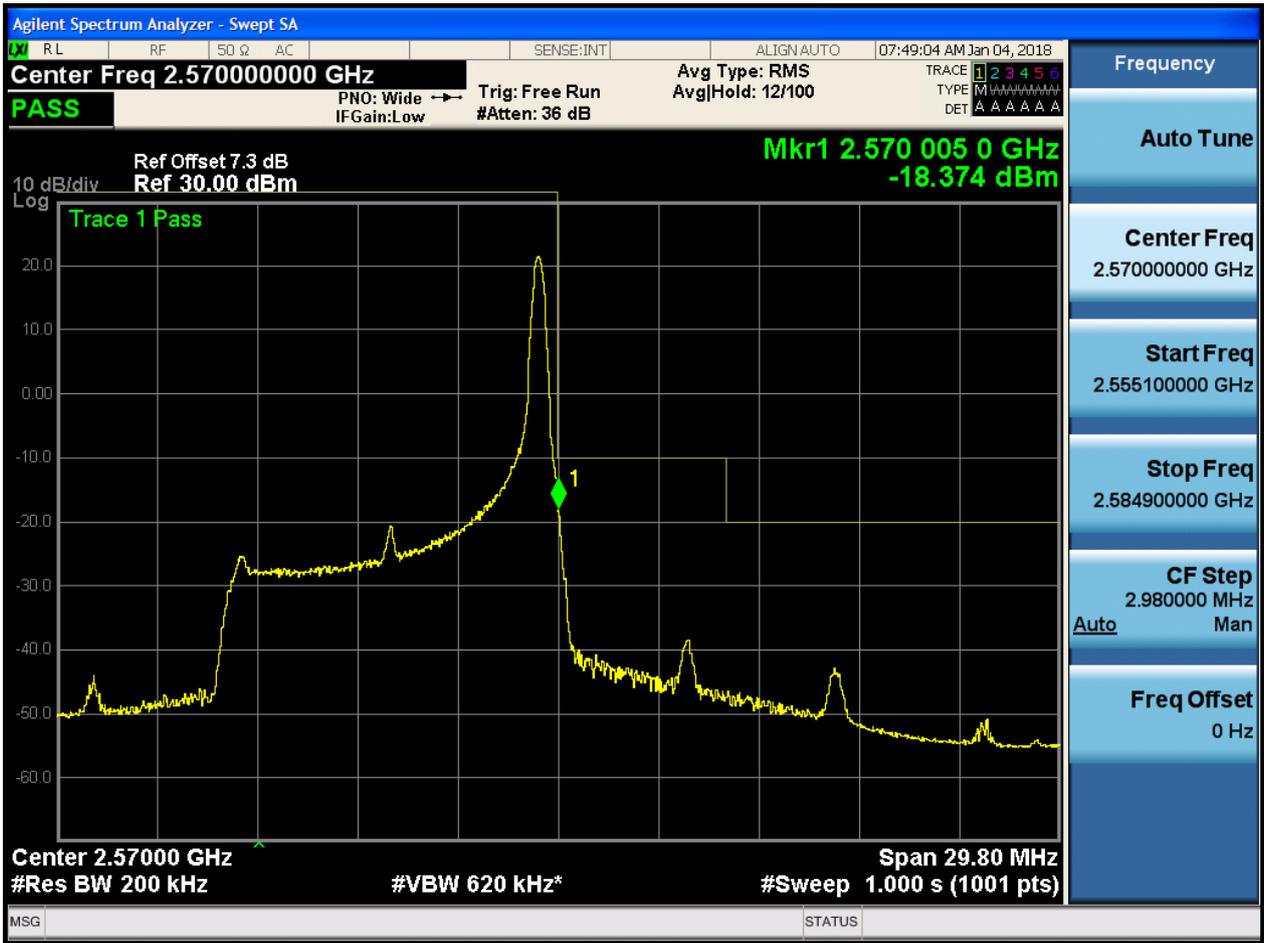
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



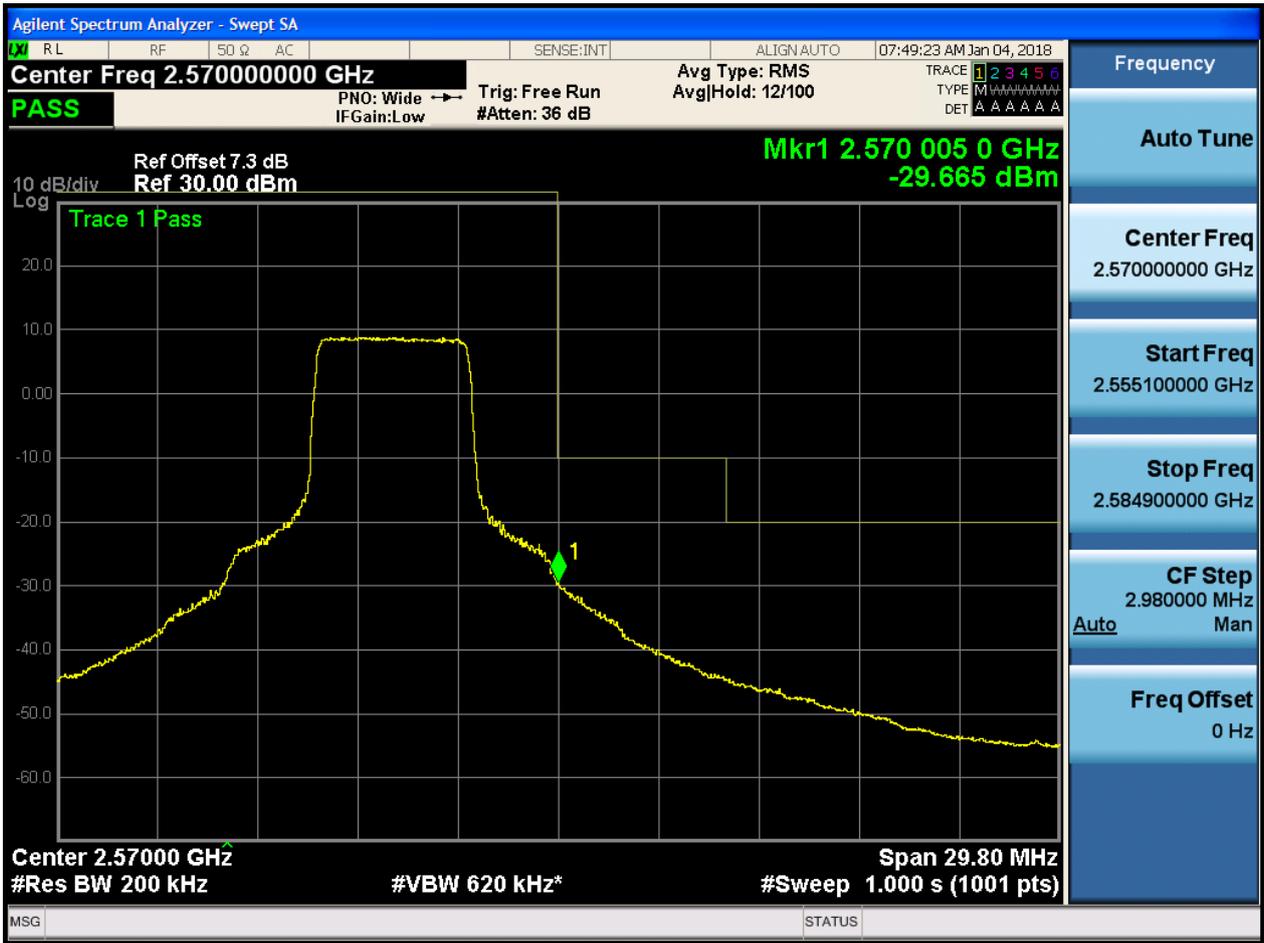


5.1.1.2.2.2.2 Test RB = RB1#49





5.1.1.2.2.2.3 Test RB = RB25#13





5.1.1.2.2.2.4 Test RB = RB50#0

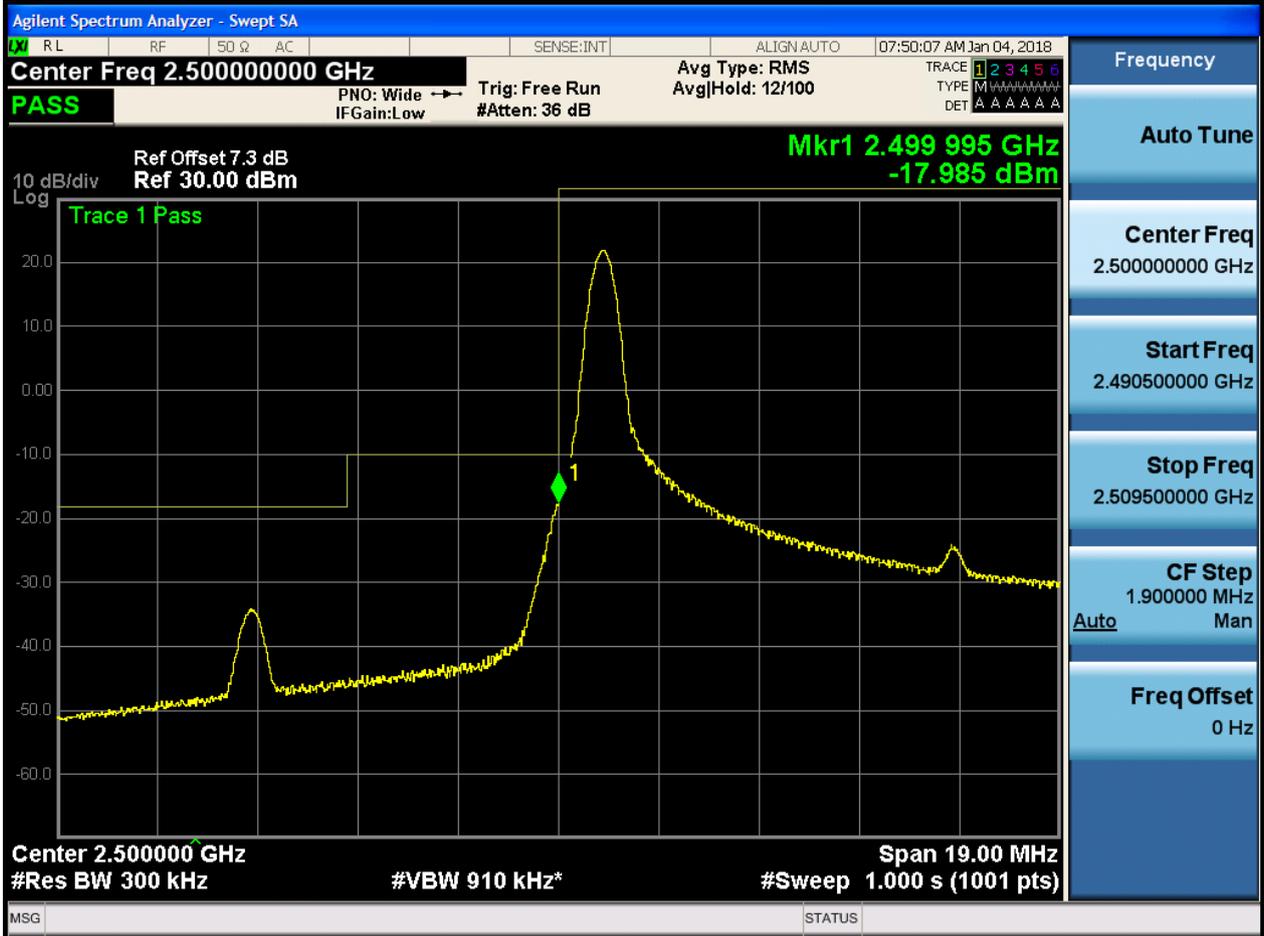




5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74





5.1.1.2.3.1.3 Test RB = RB36#18





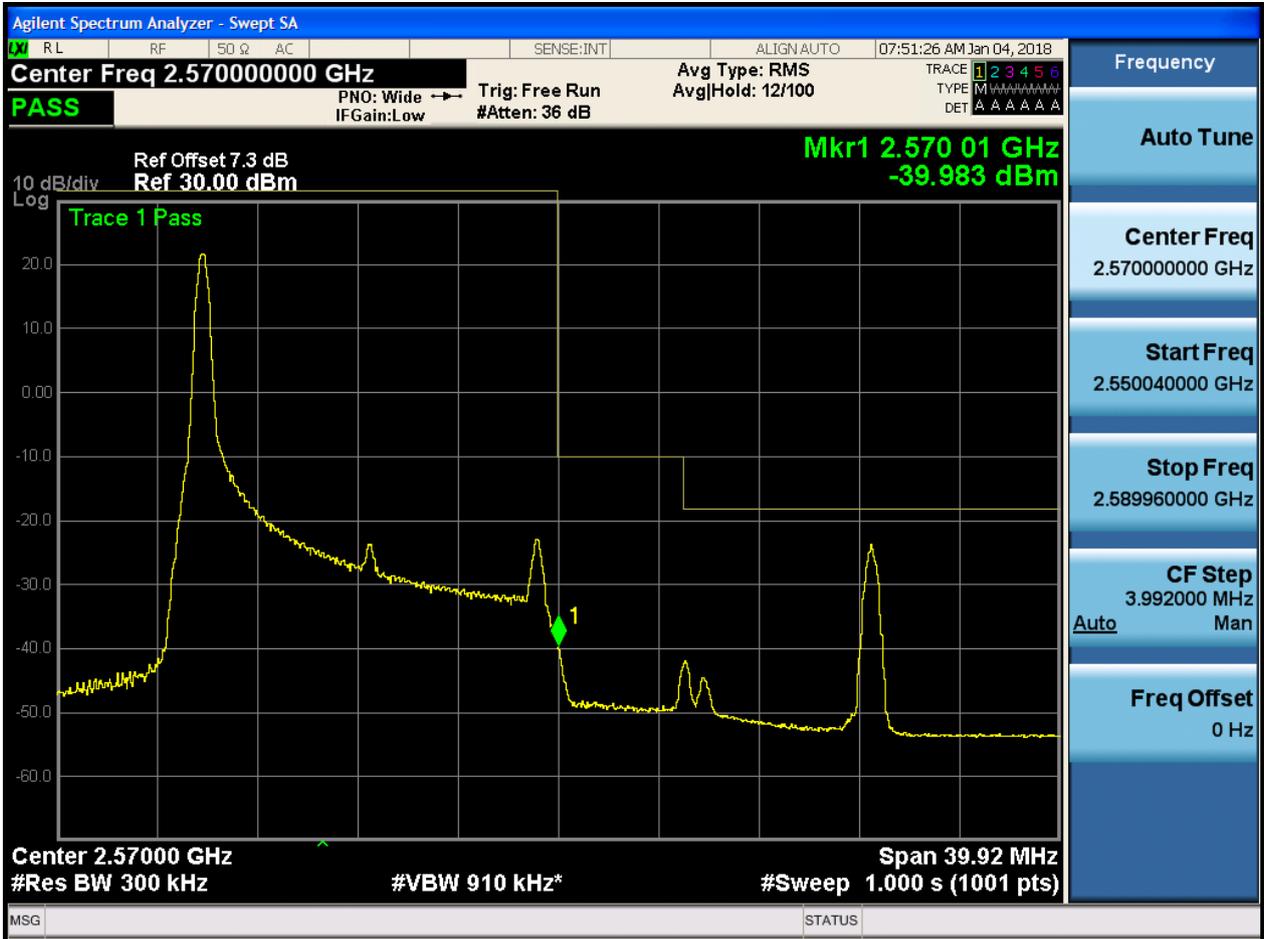
5.1.1.2.3.1.4 Test RB = RB75#0





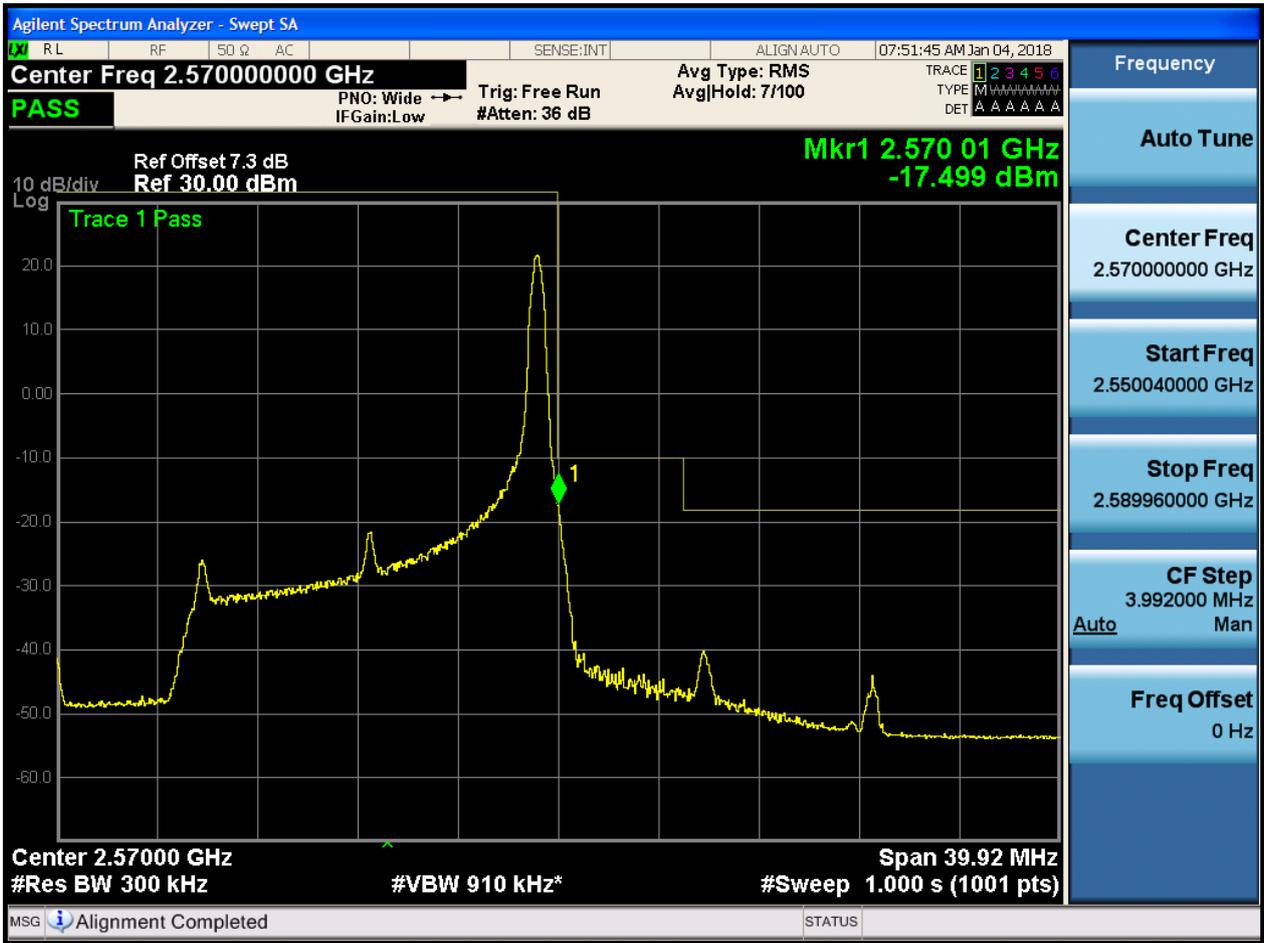
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



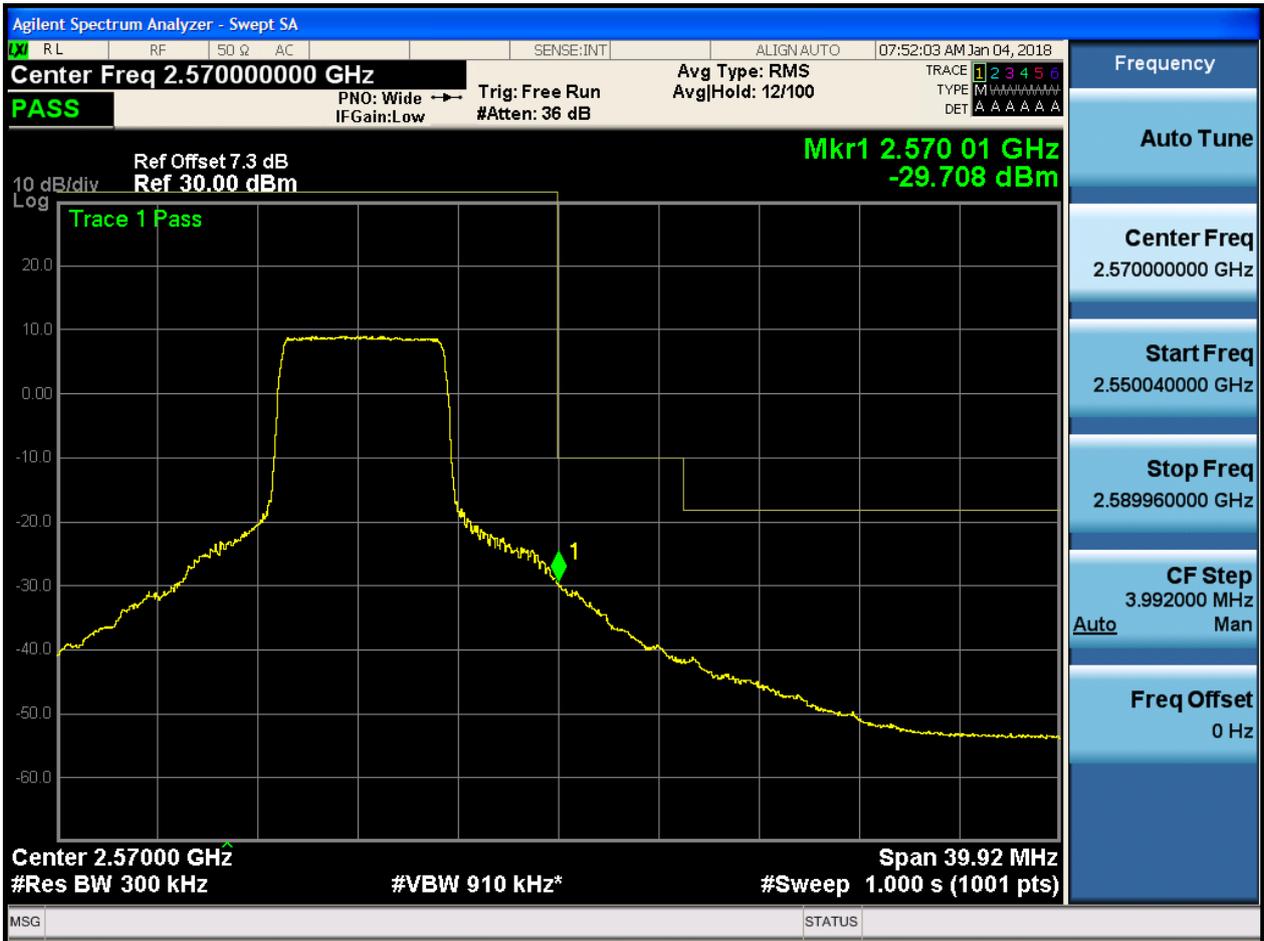


5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18

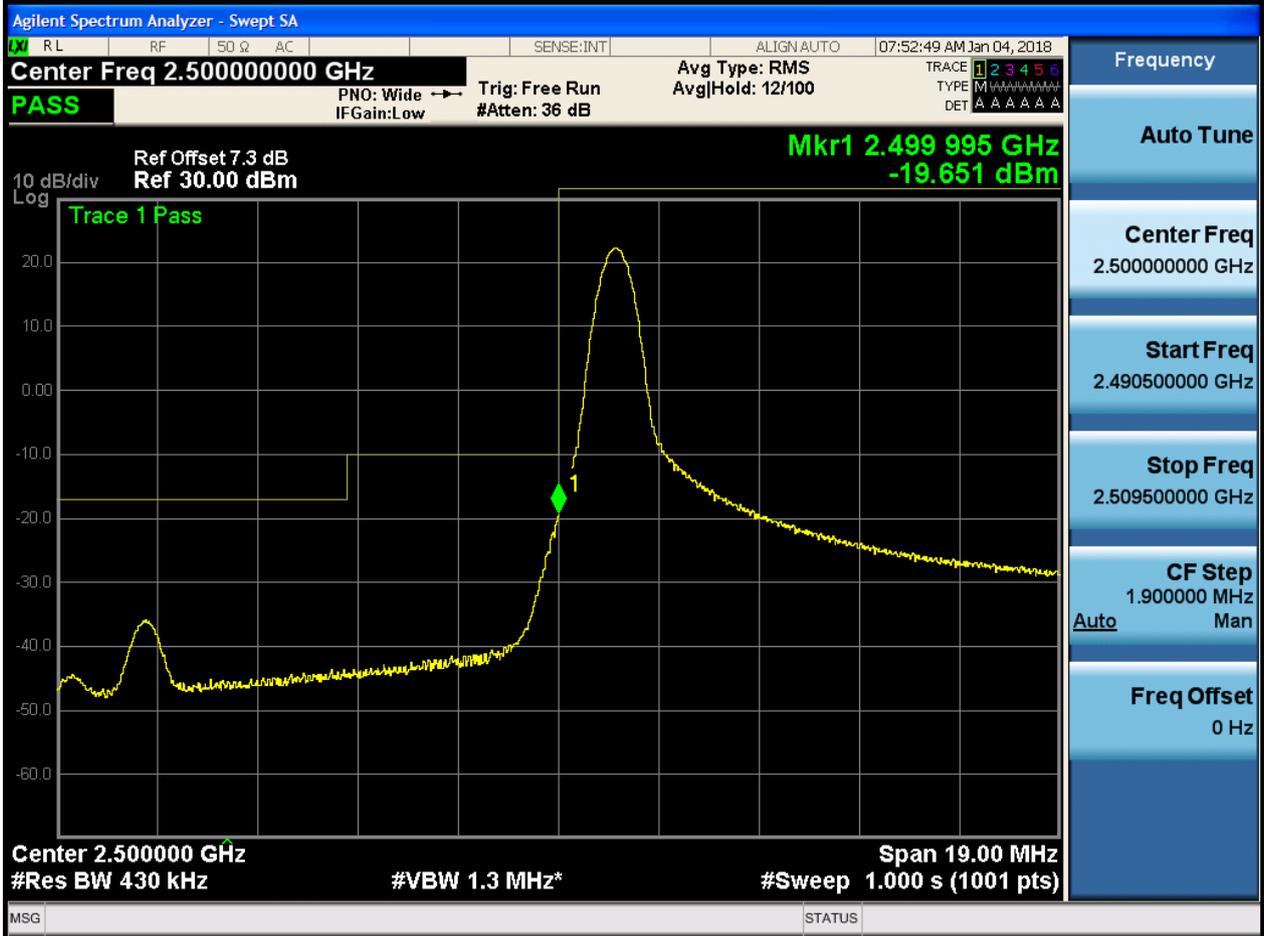




5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



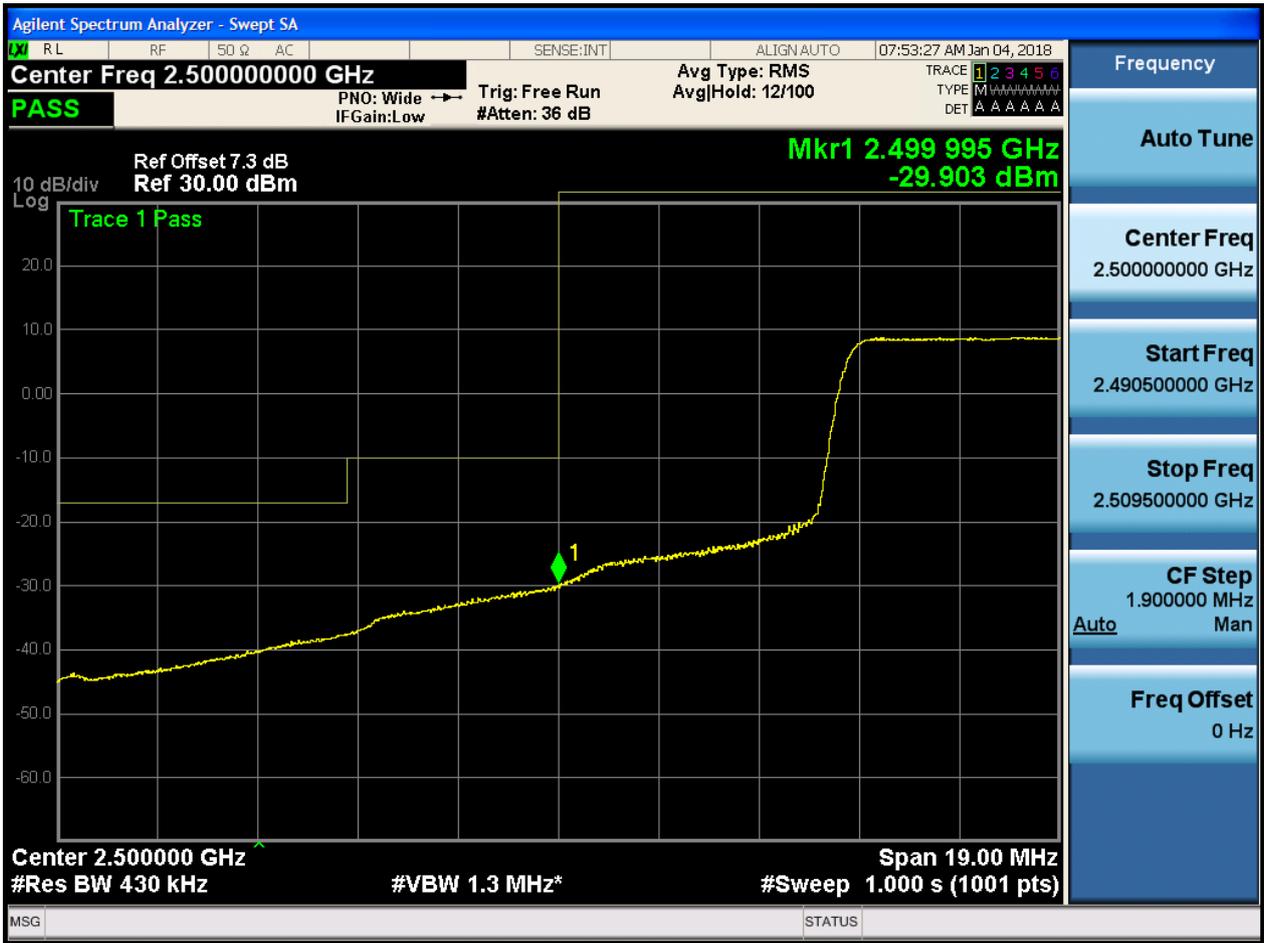


5.1.1.2.4.1.2 Test RB = RB1#99





5.1.1.2.4.1.3 Test RB = RB50#25





5.1.1.2.4.1.4 Test RB = RB100#0

