



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





5.1.1.2.3.2.4 Test RB = RB75#0

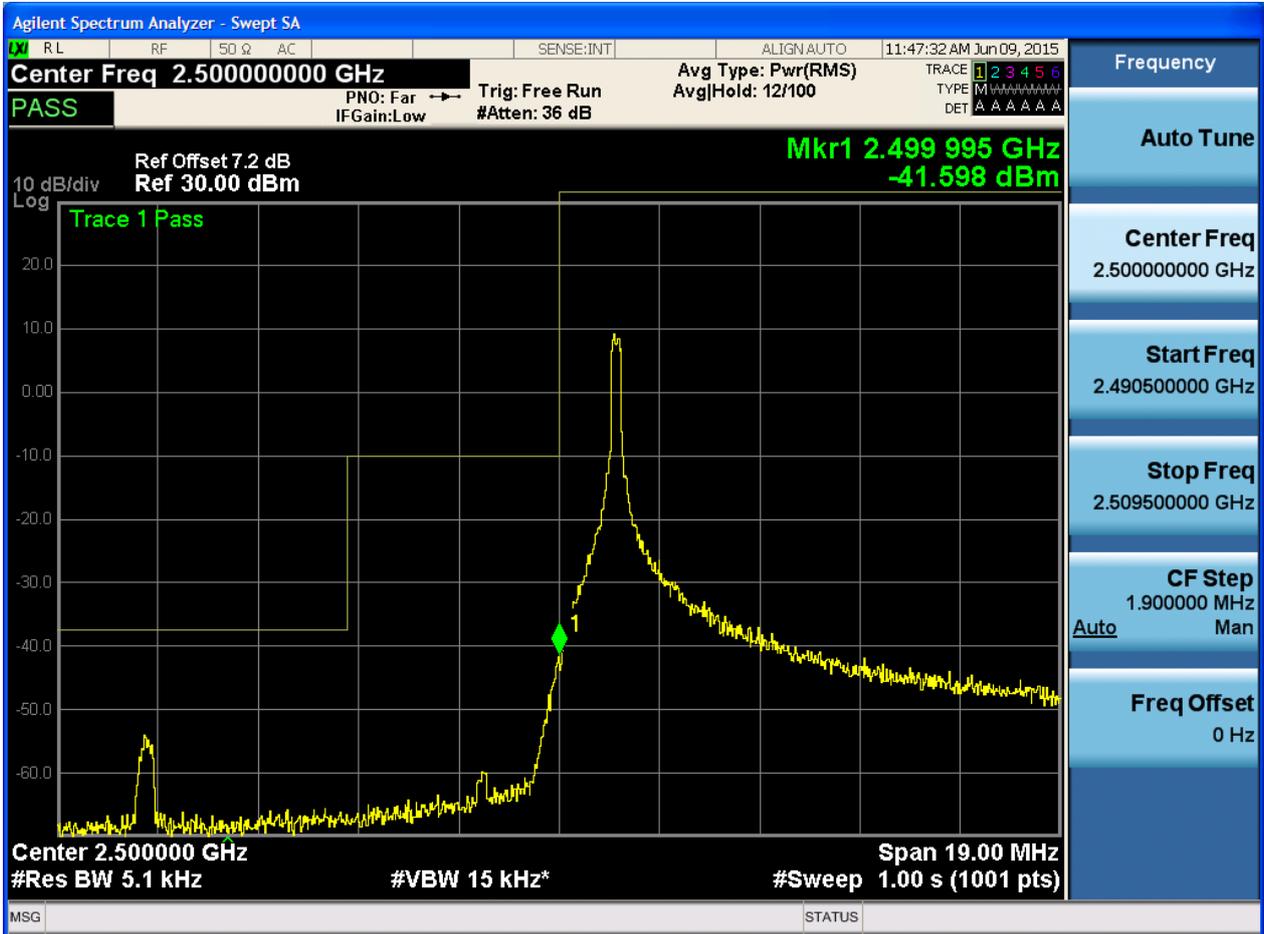




5.1.1.2.4 Test Bandwidth = 20

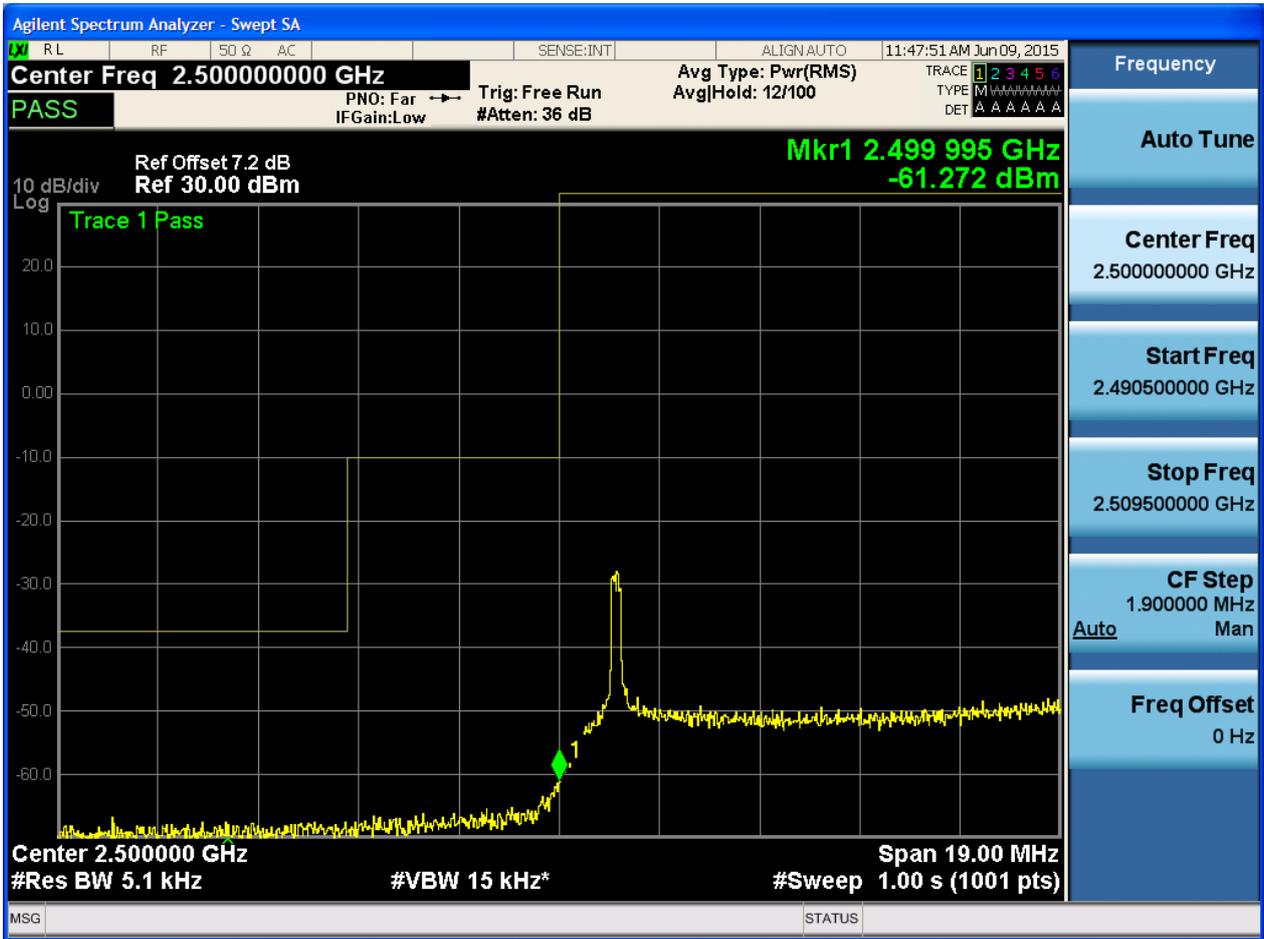
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.1 Test RB = RB1#99



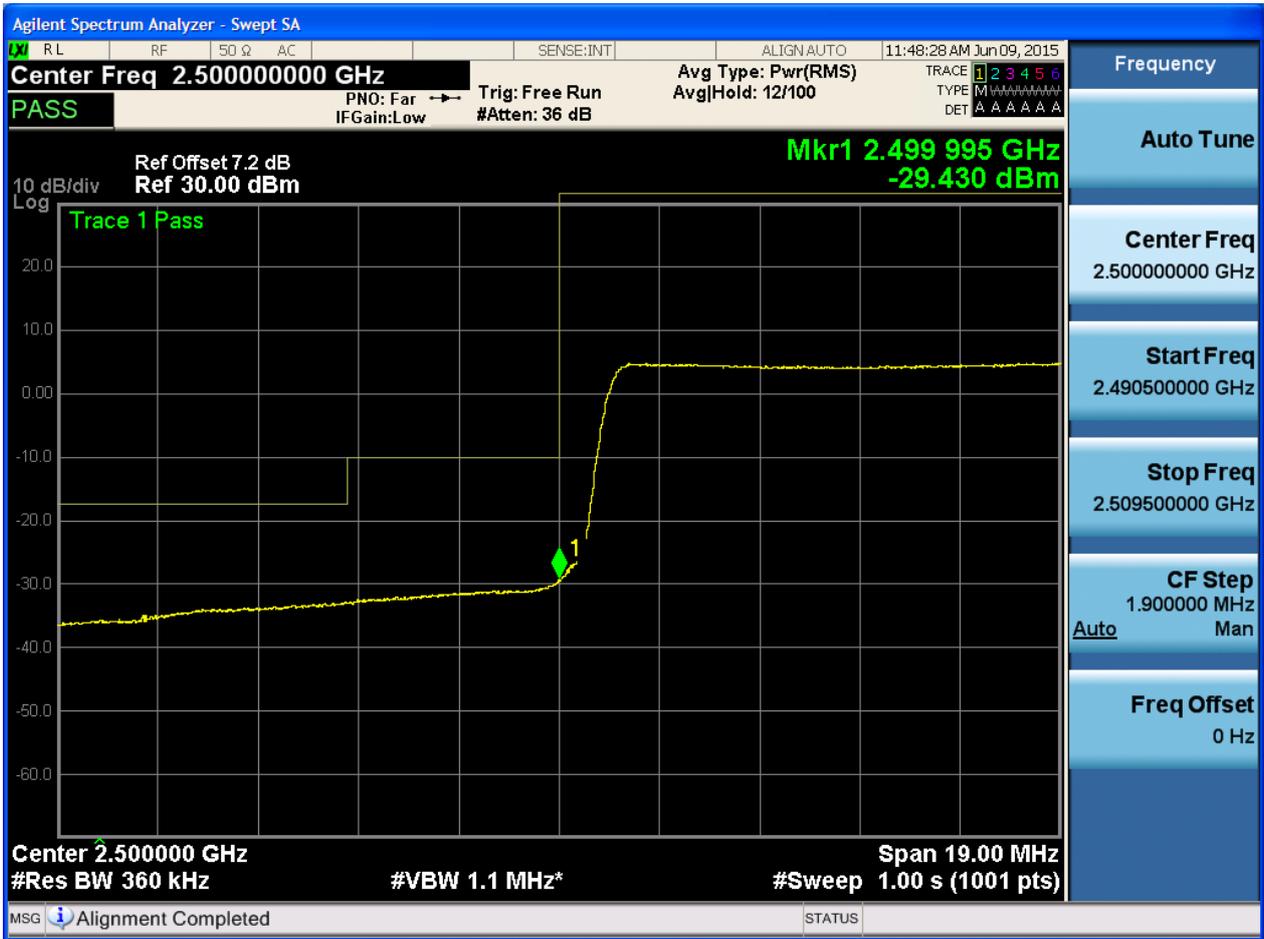


5.1.1.2.4.1.3 Test RB = RB50#25



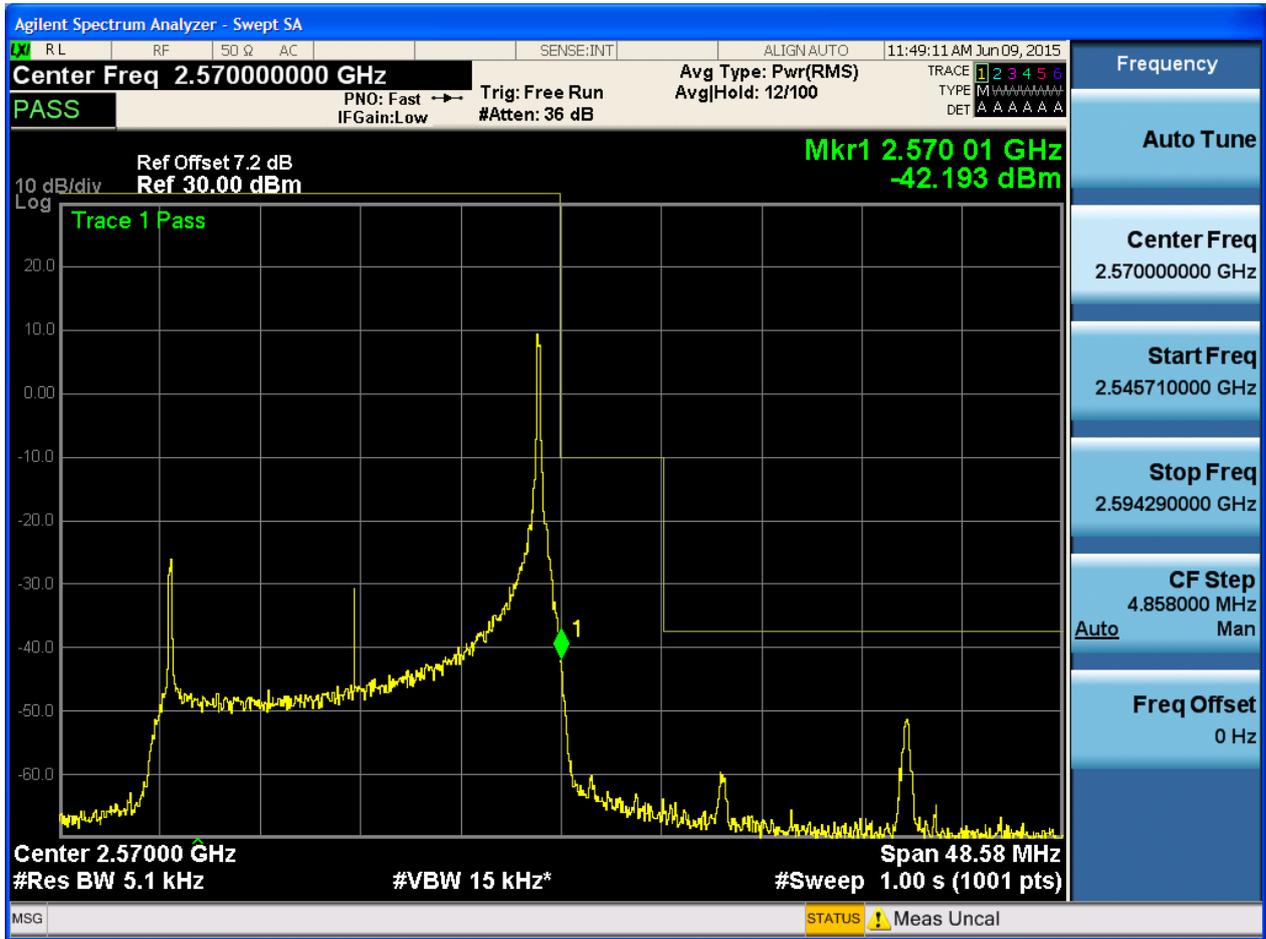


5.1.1.2.4.1.4 Test RB = RB100#0





5.1.1.2.4.2.2 Test RB = RB1#99





5.1.1.2.4.2.3 Test RB = RB50#25





5.1.1.2.4.2.4 Test RB = RB100#0





6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

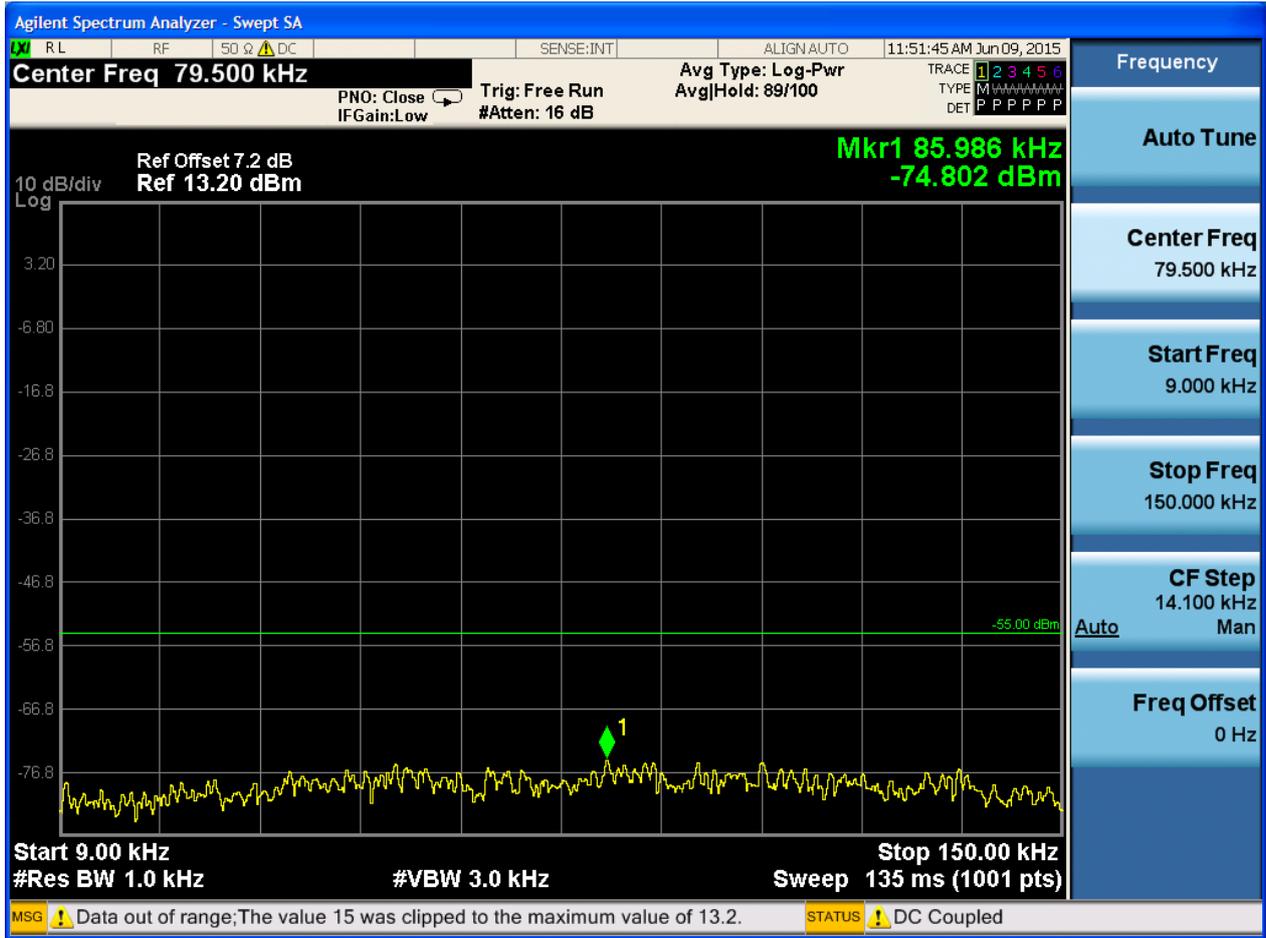
6.1.1 Test Band = BAND7

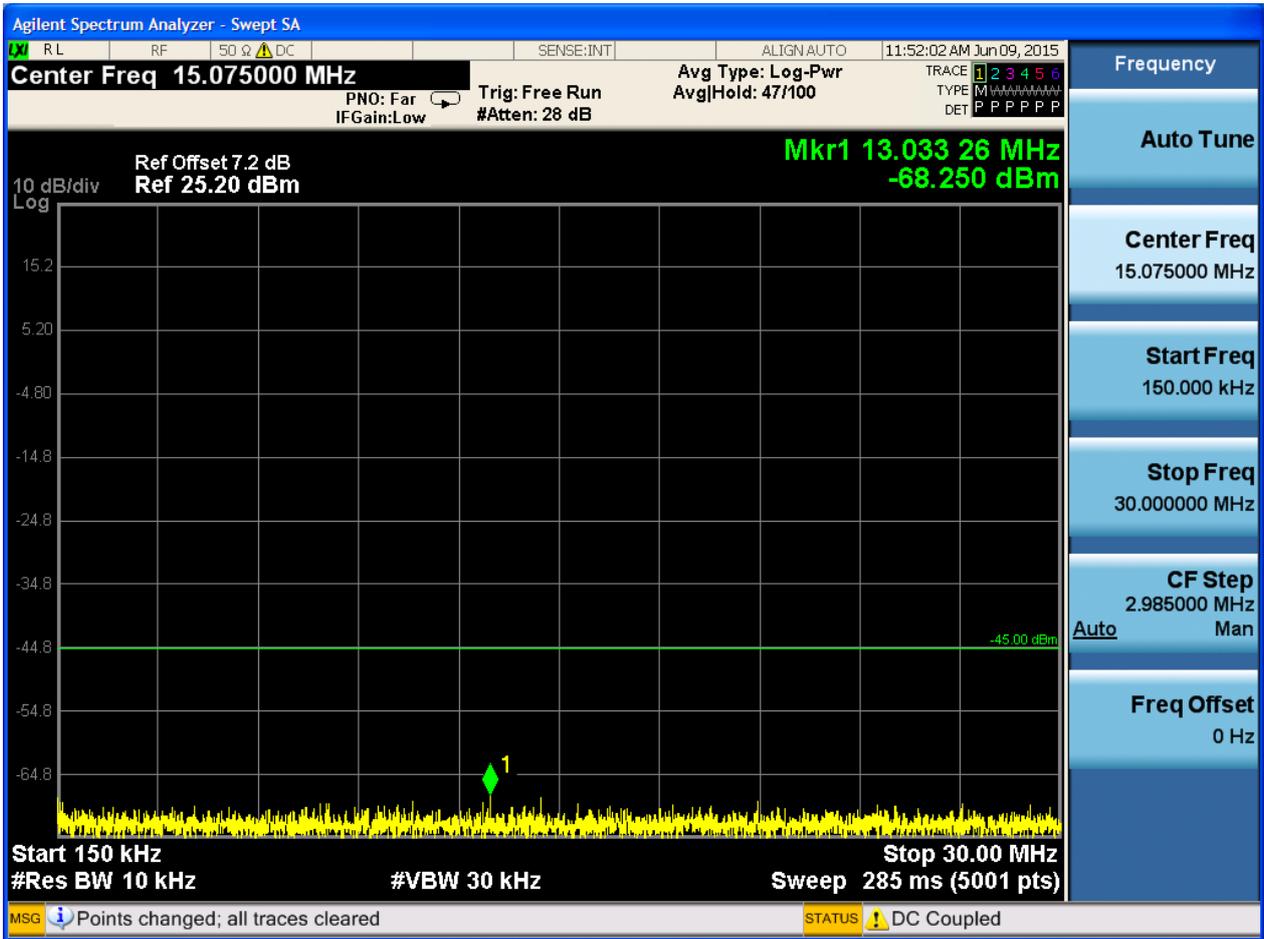
6.1.1.1 Test Mode = LTE/TM1

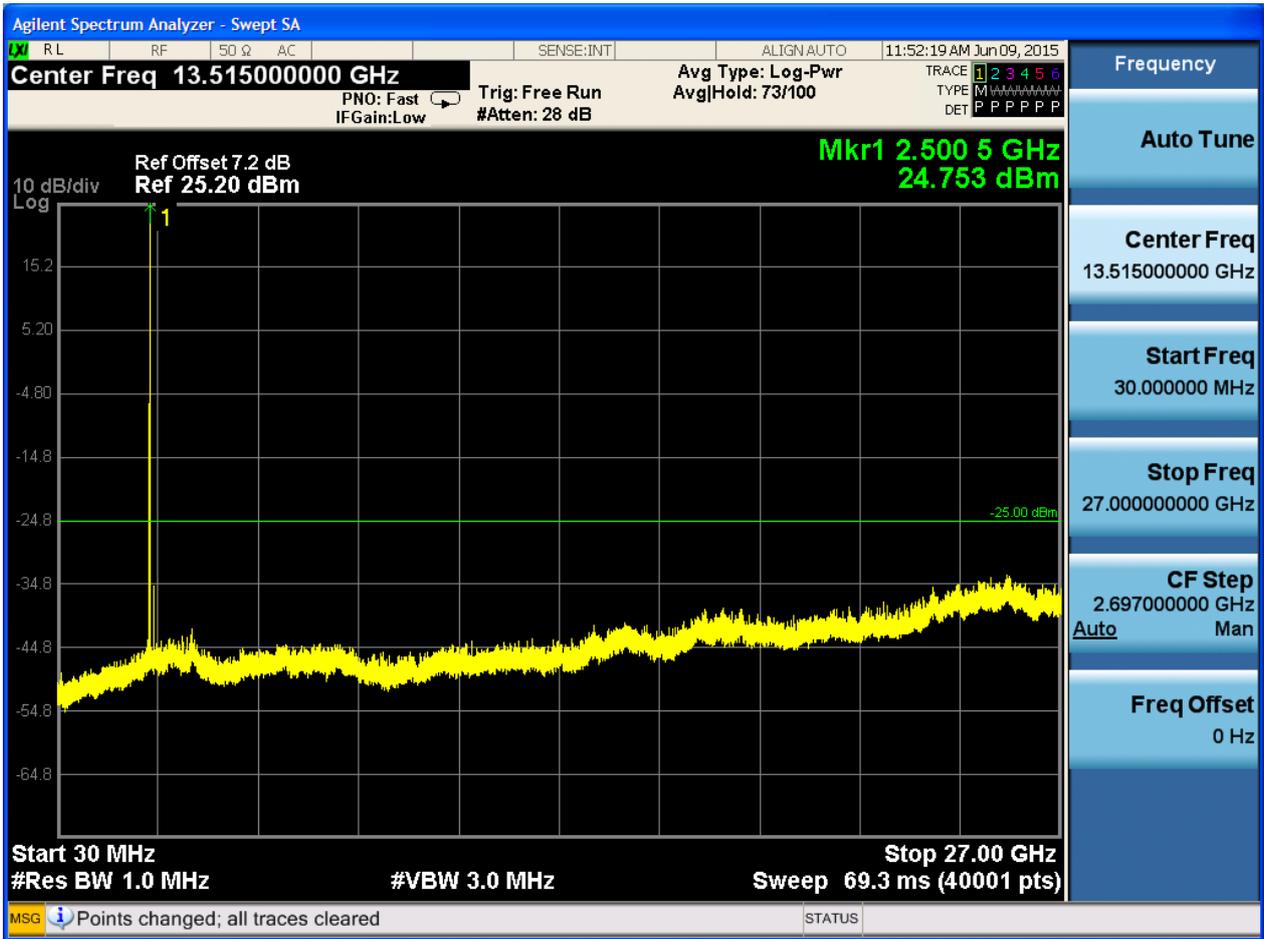
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



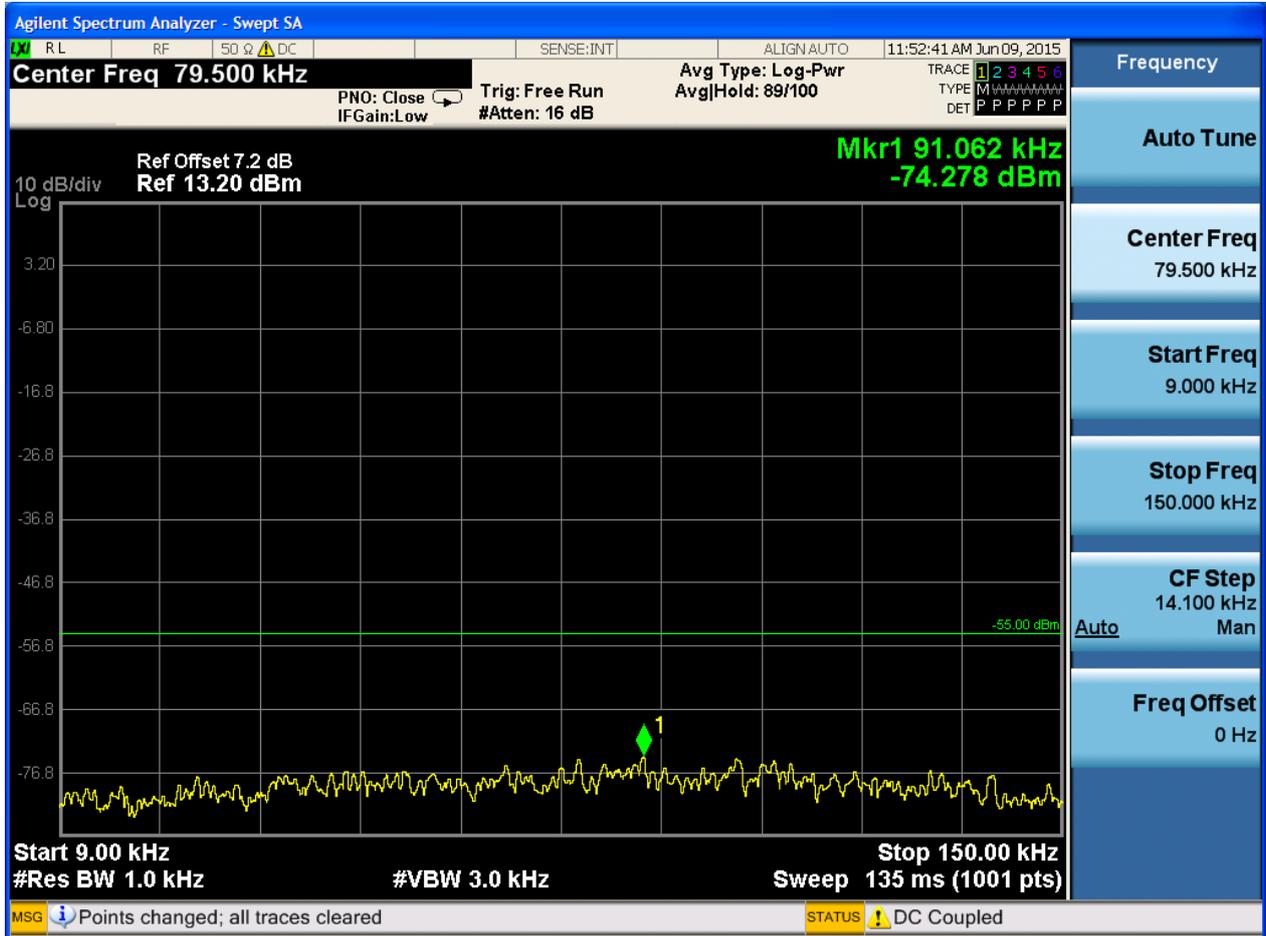


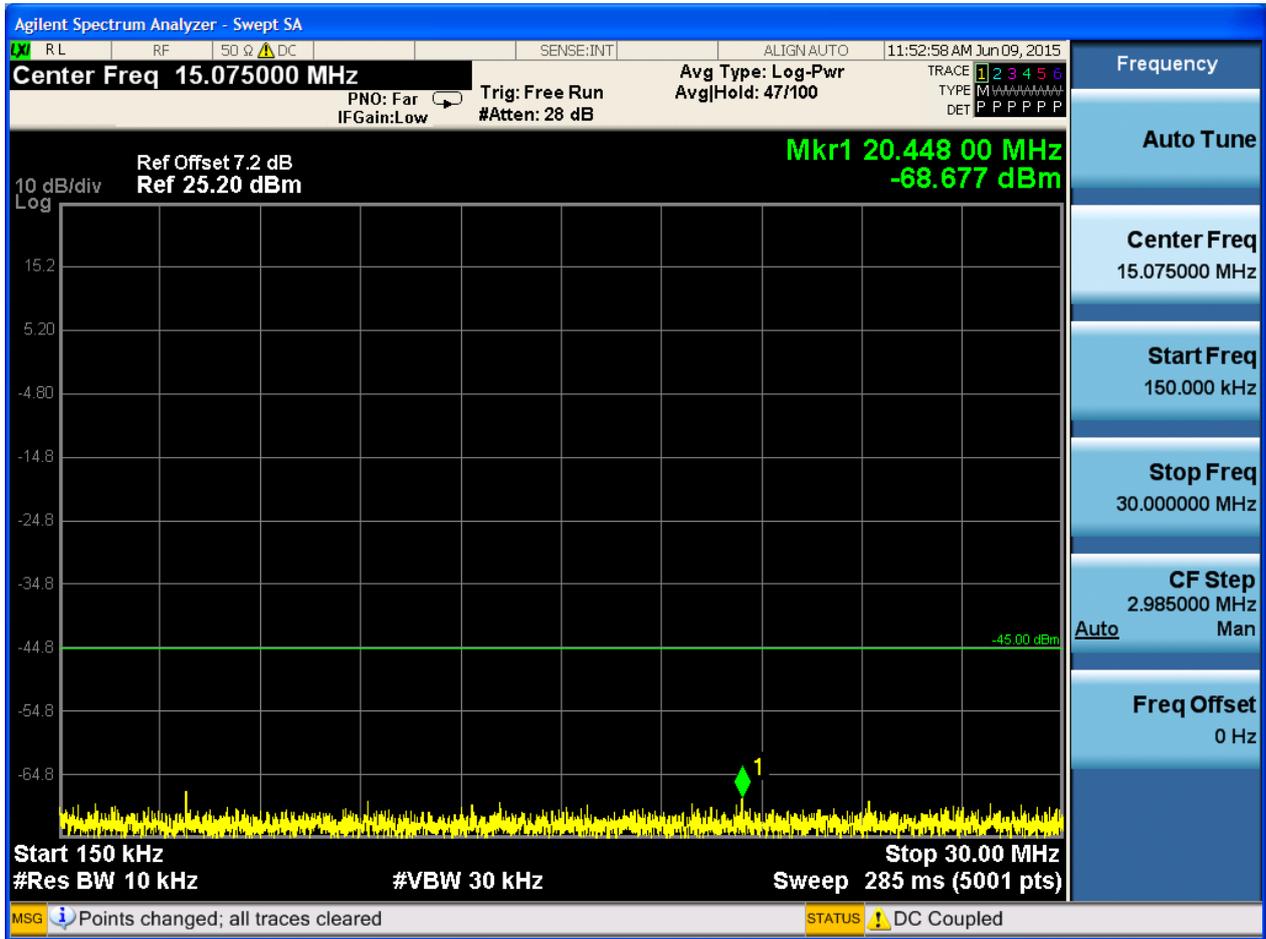


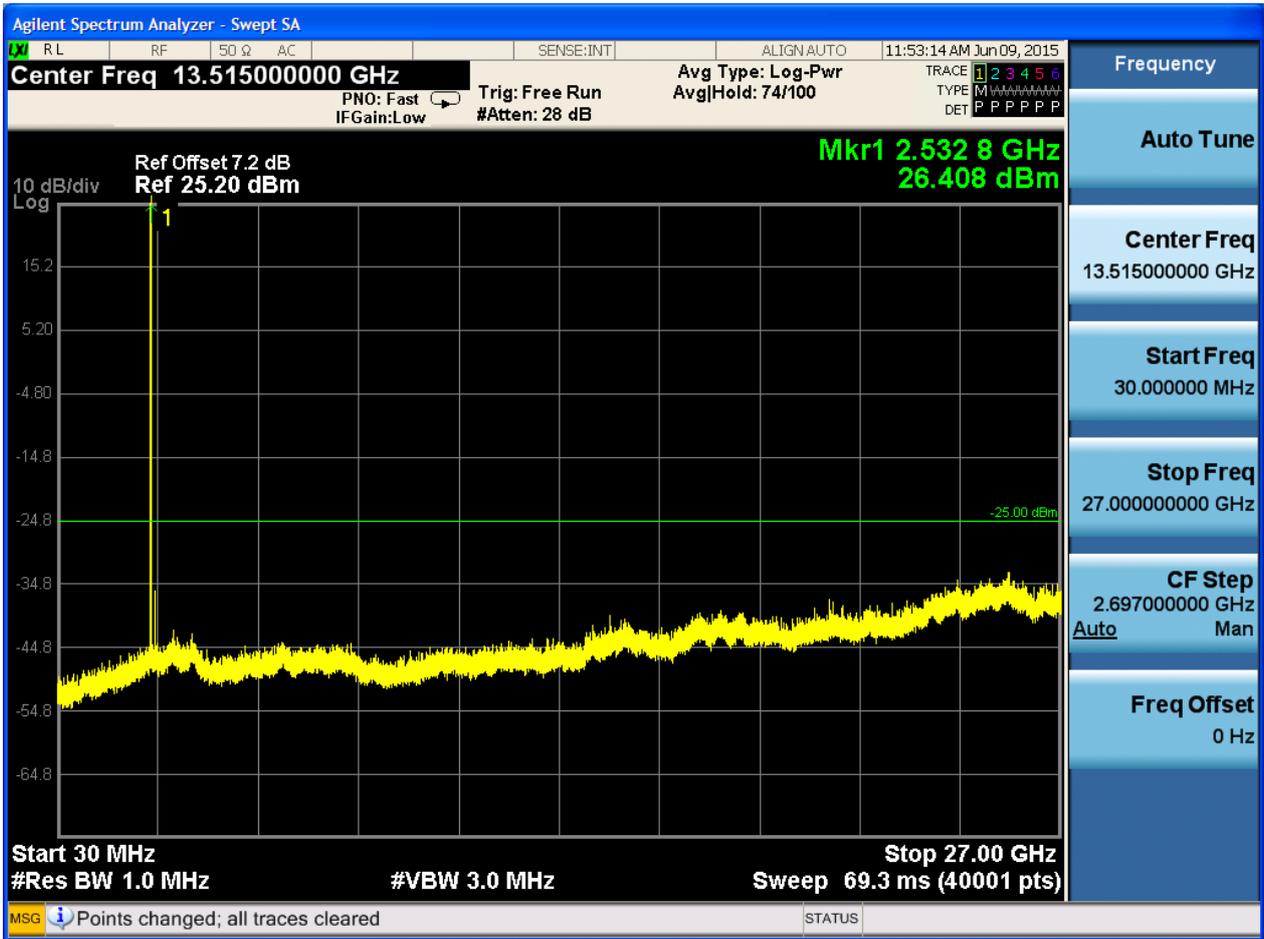


6.1.1.1.2 Test Channel = MCH

6.1.1.1.2.1 Test RB = RB1#0



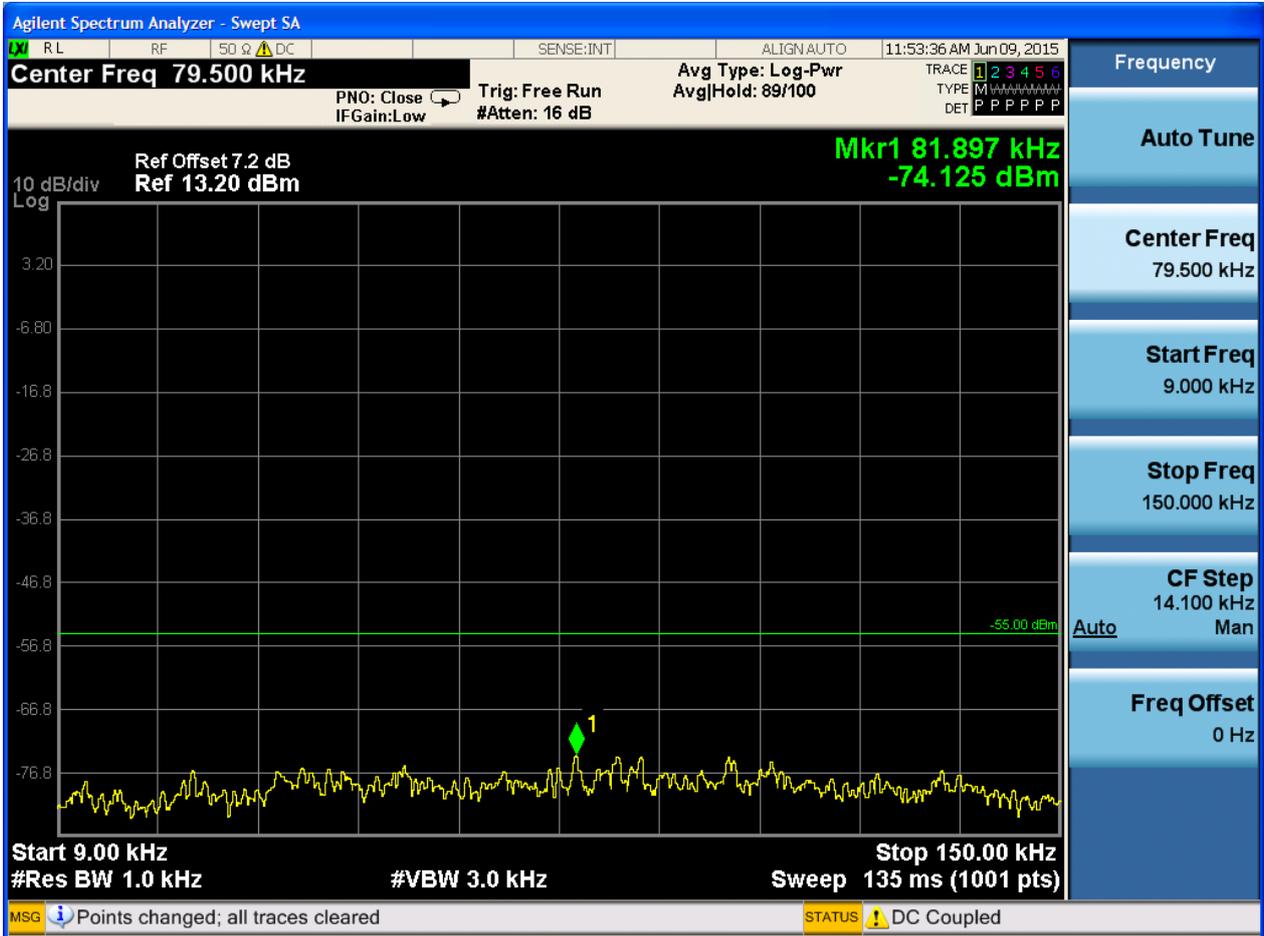


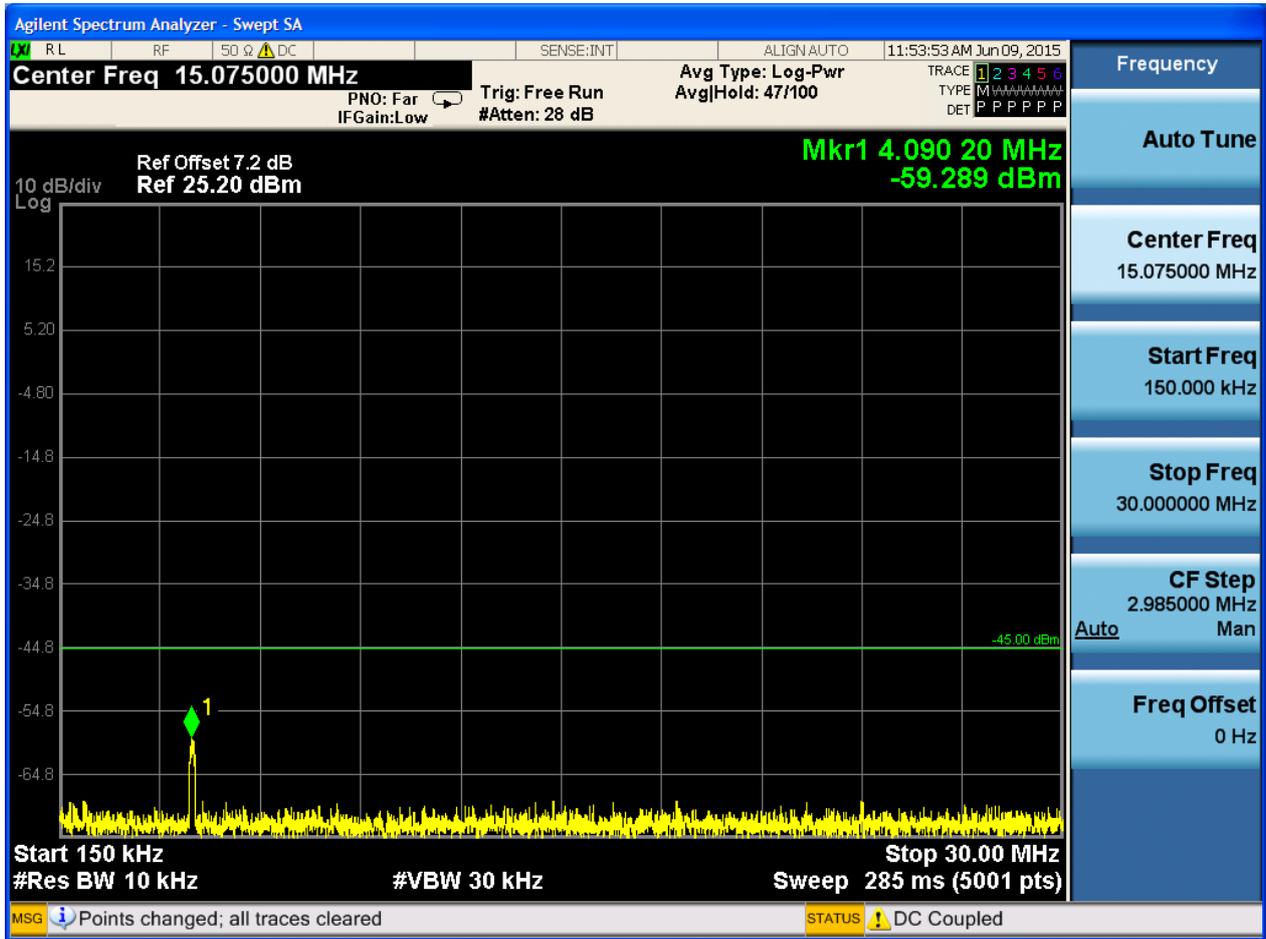


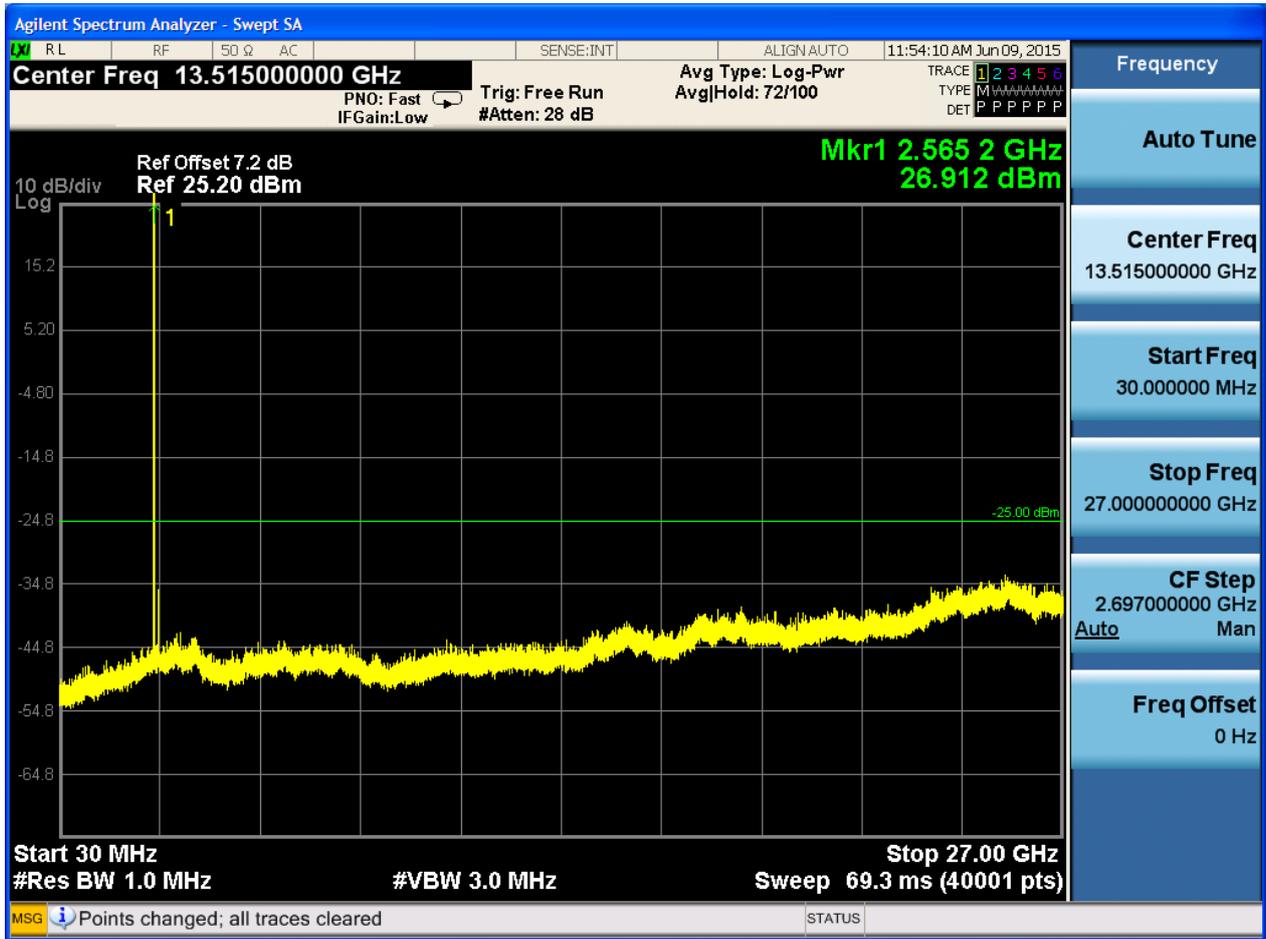


6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0





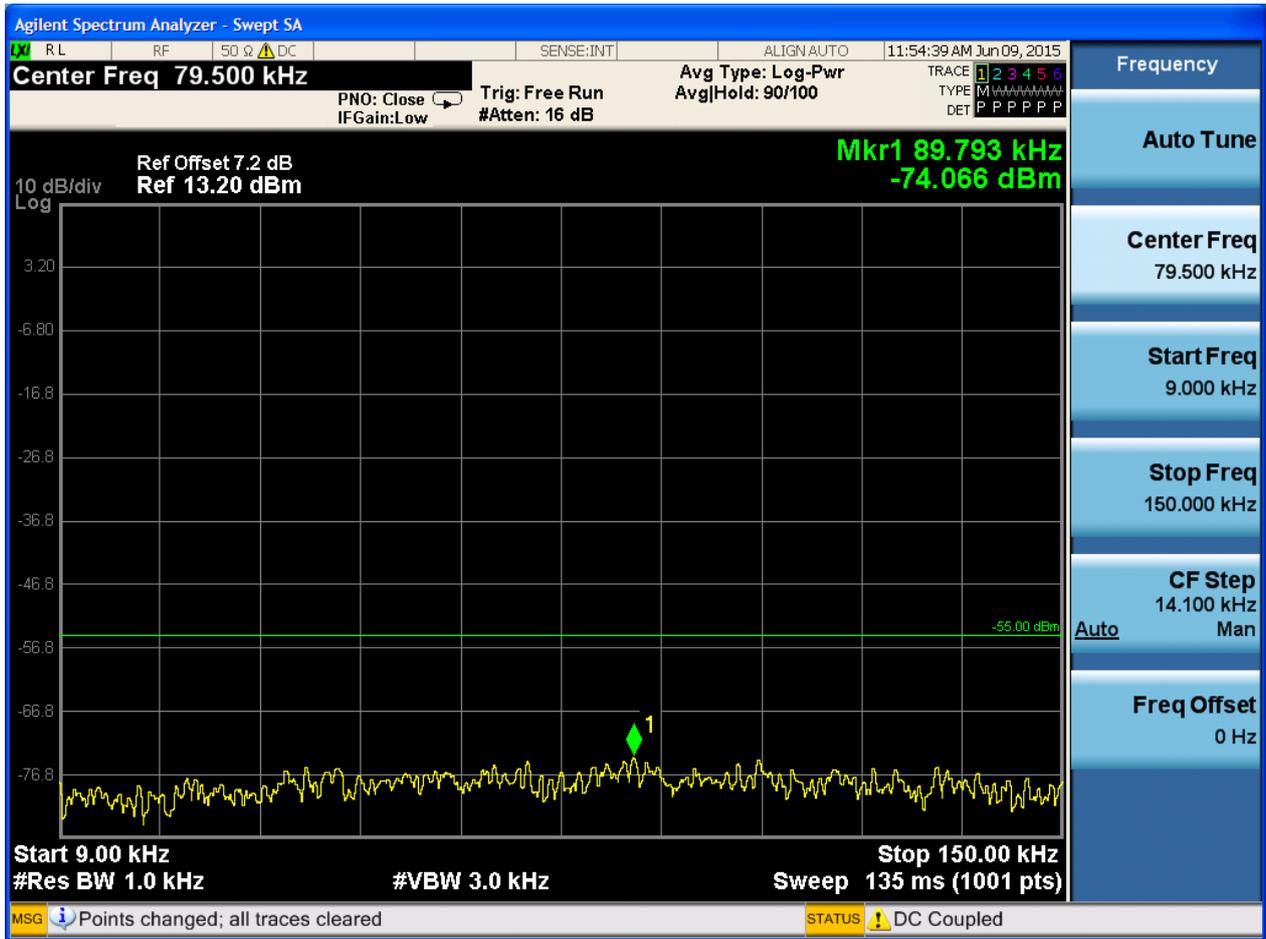


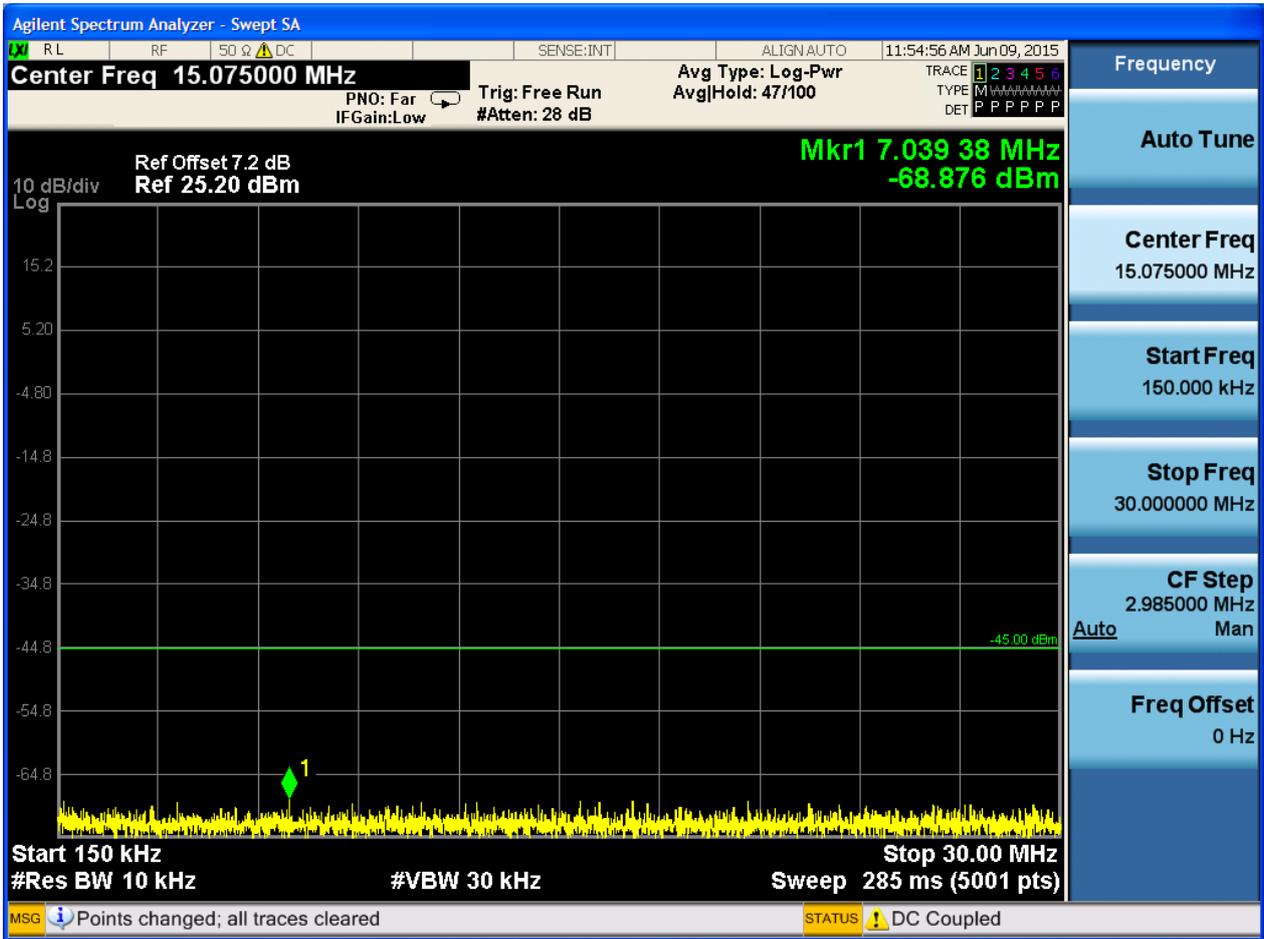


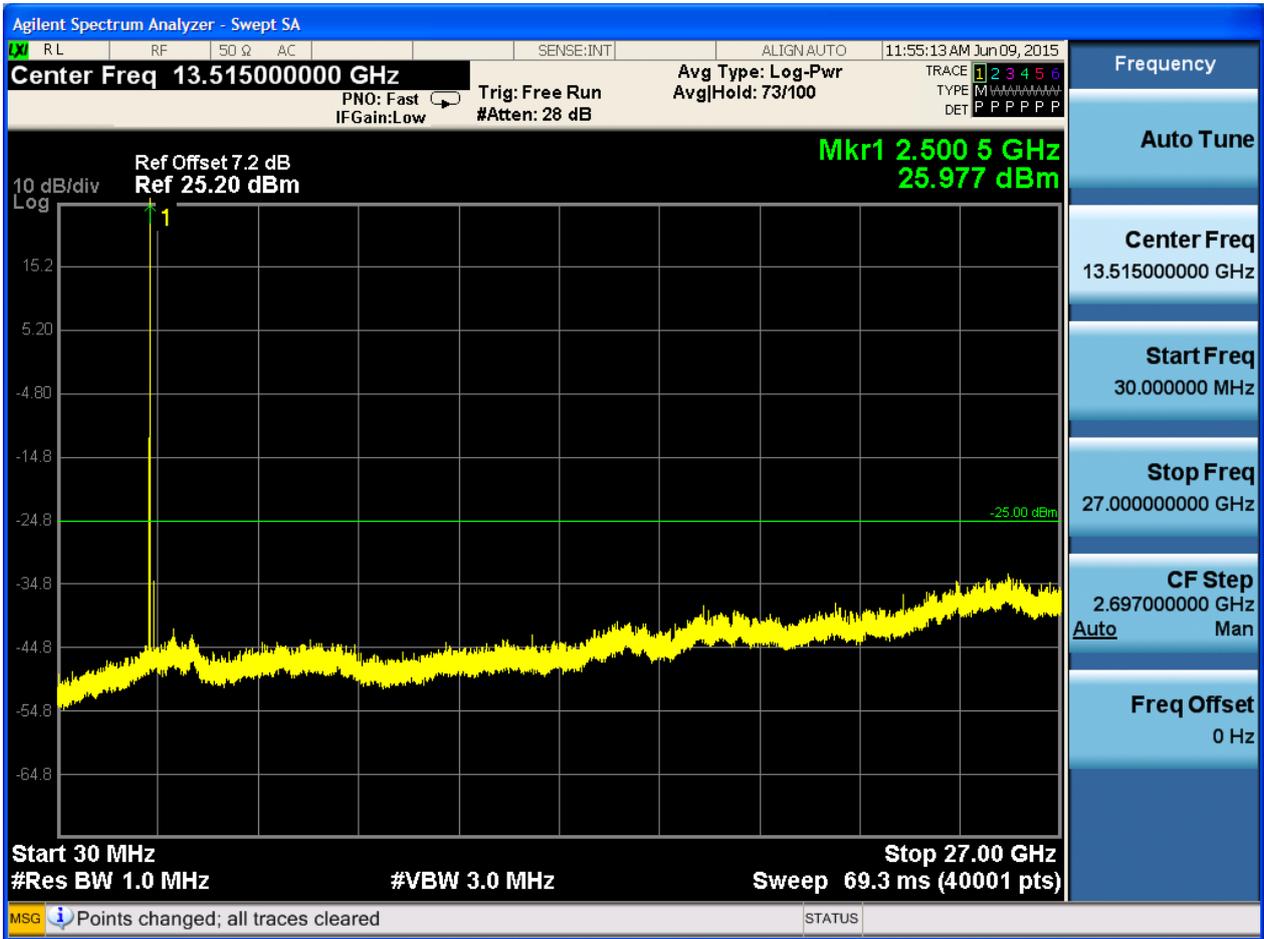
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



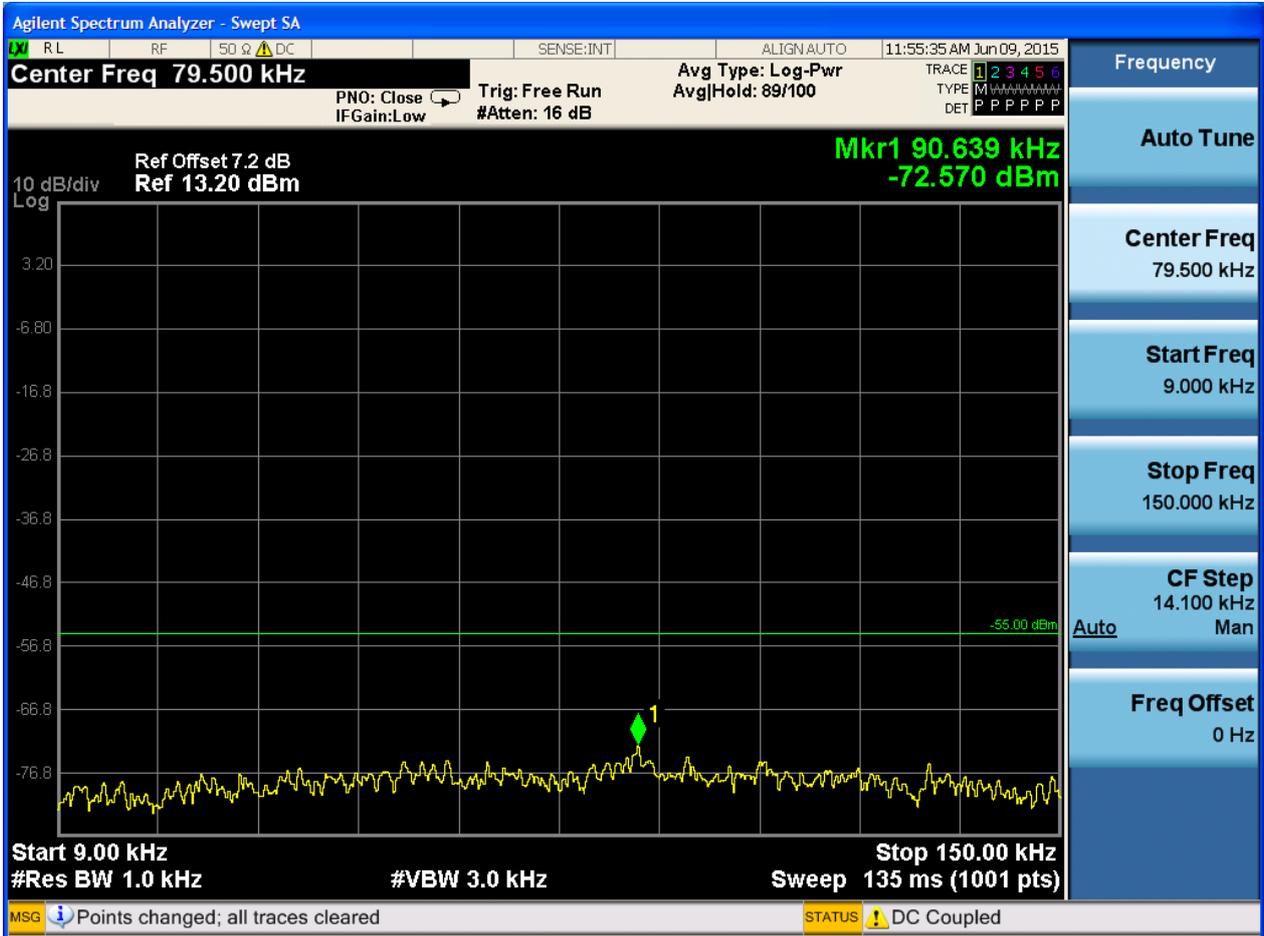


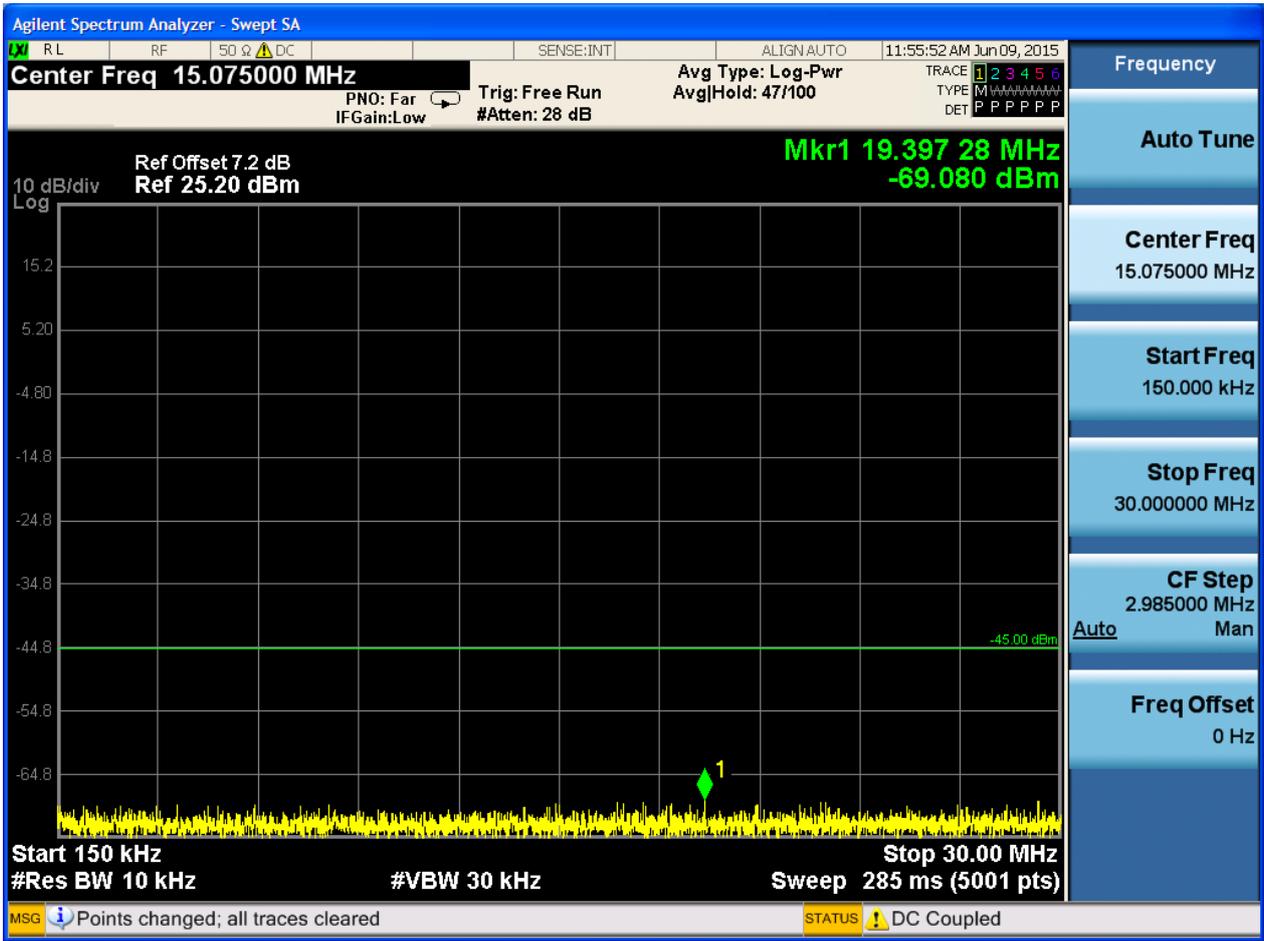


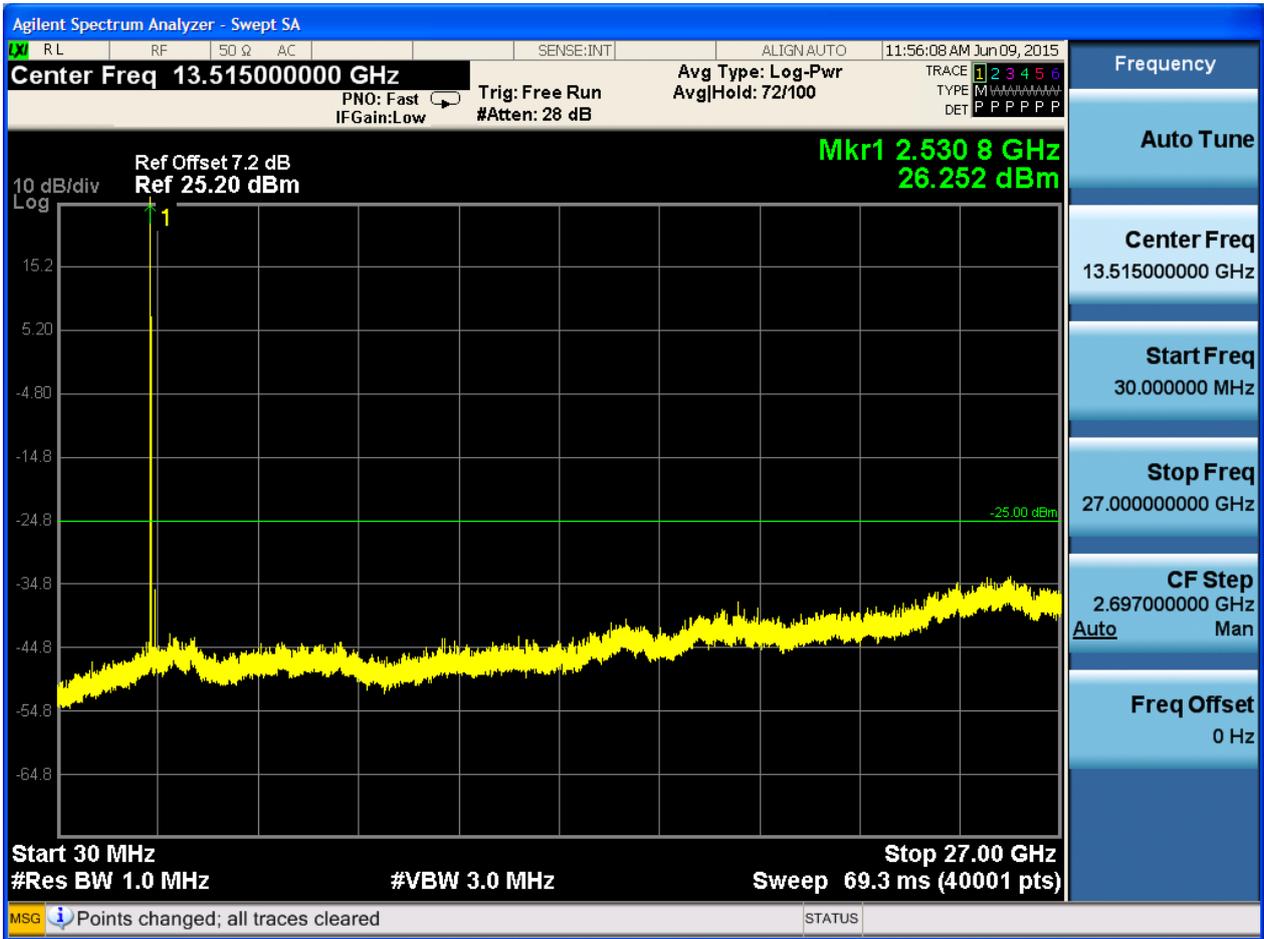


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

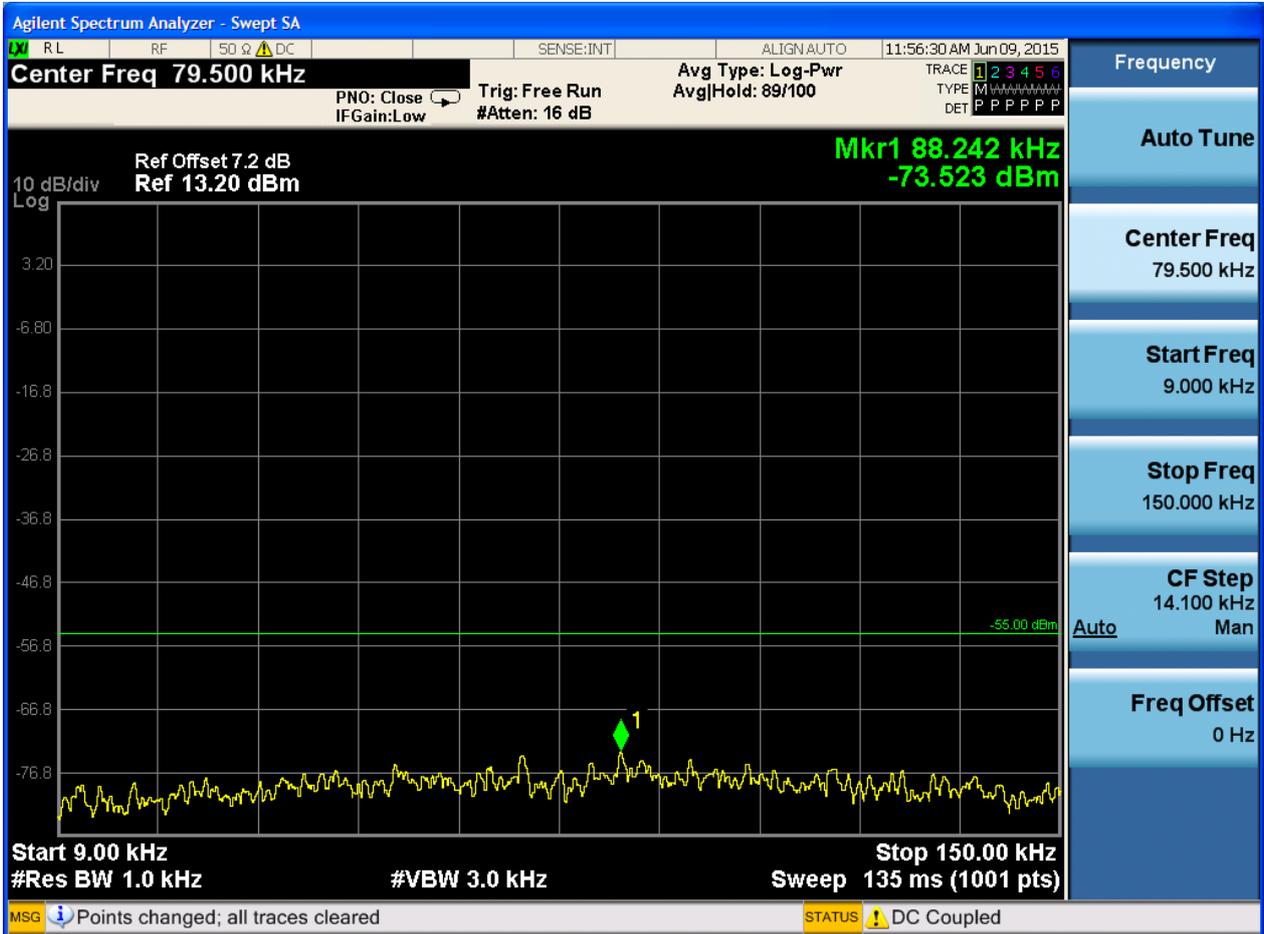


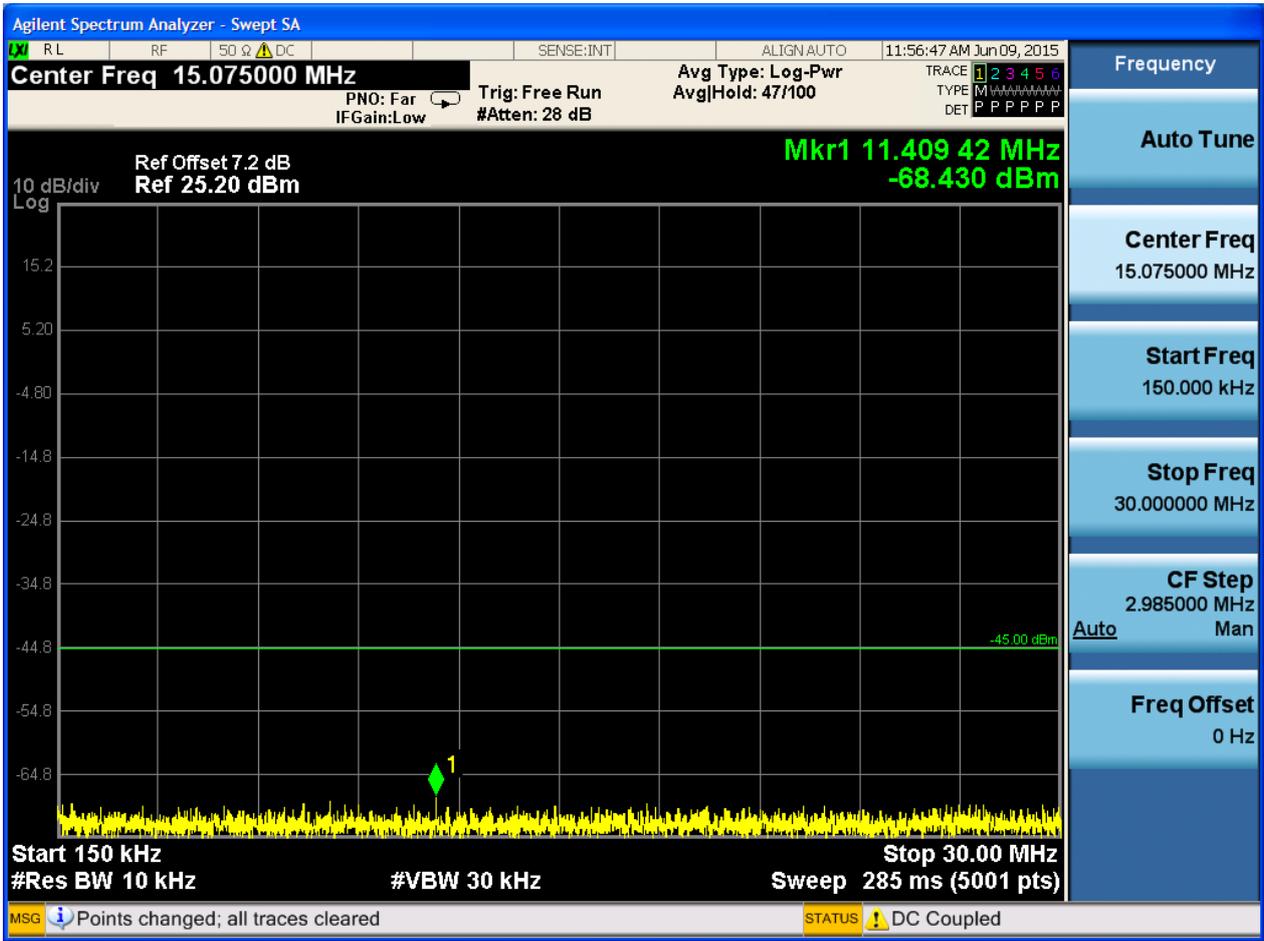




6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0



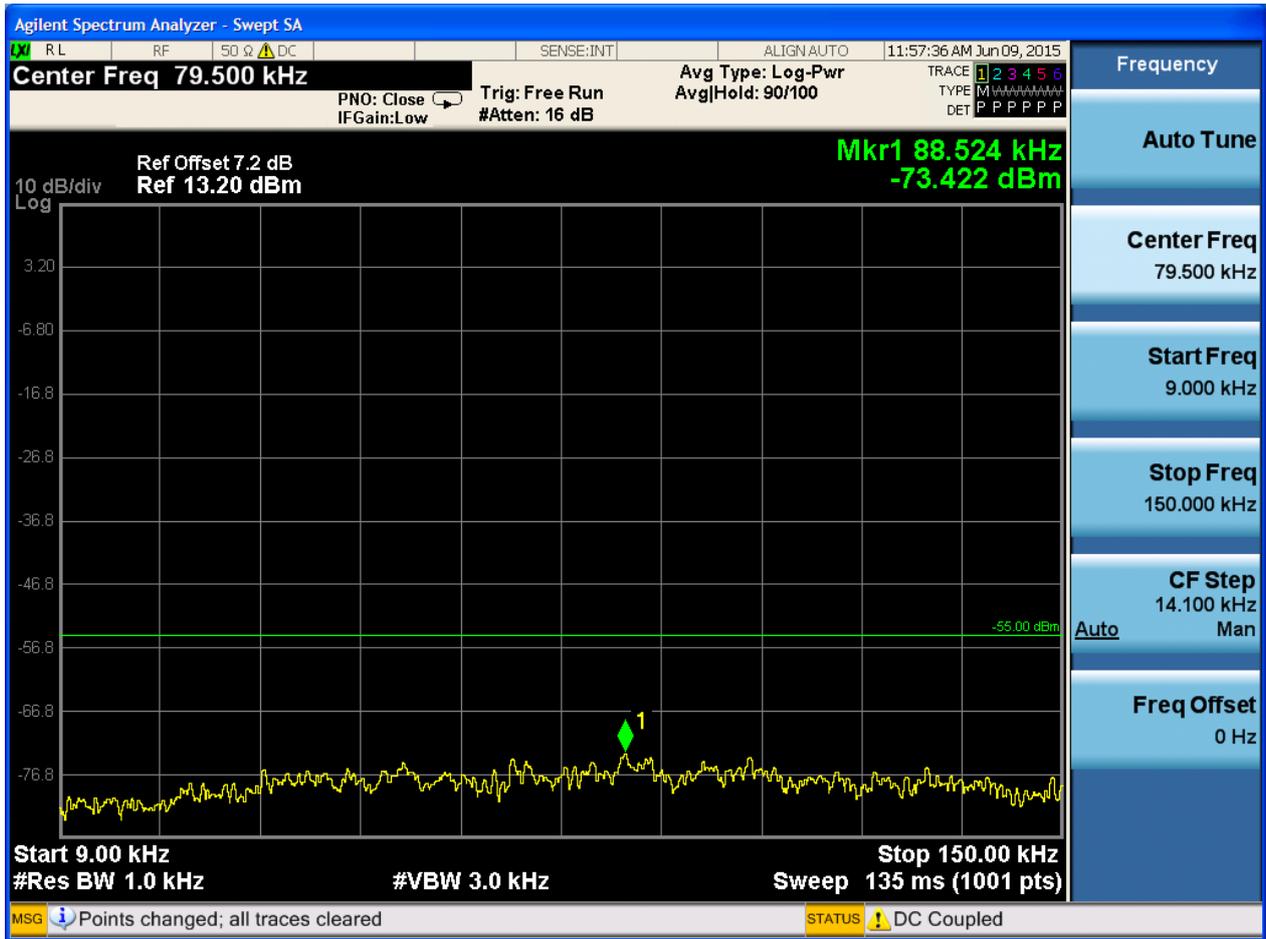




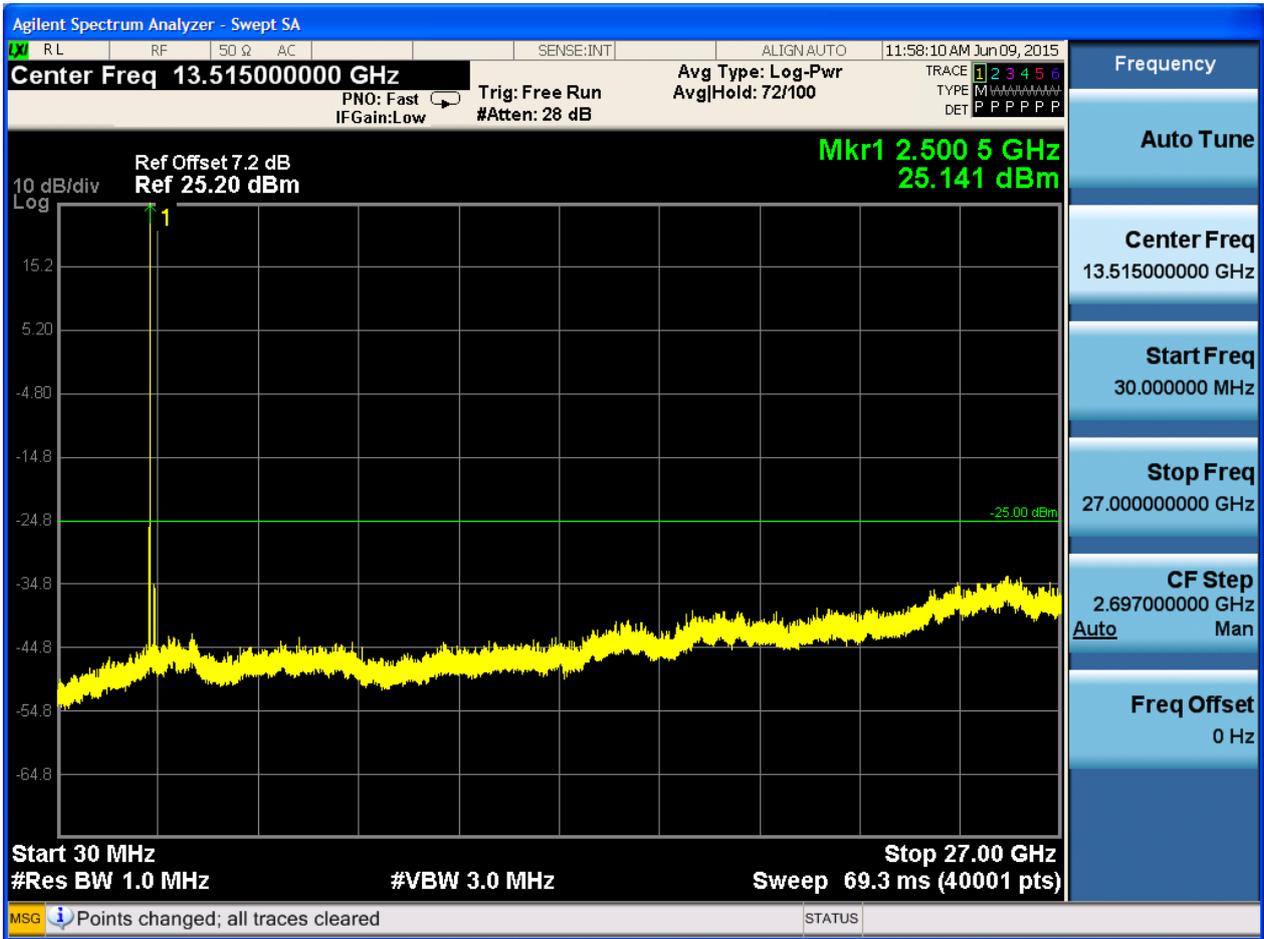
6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



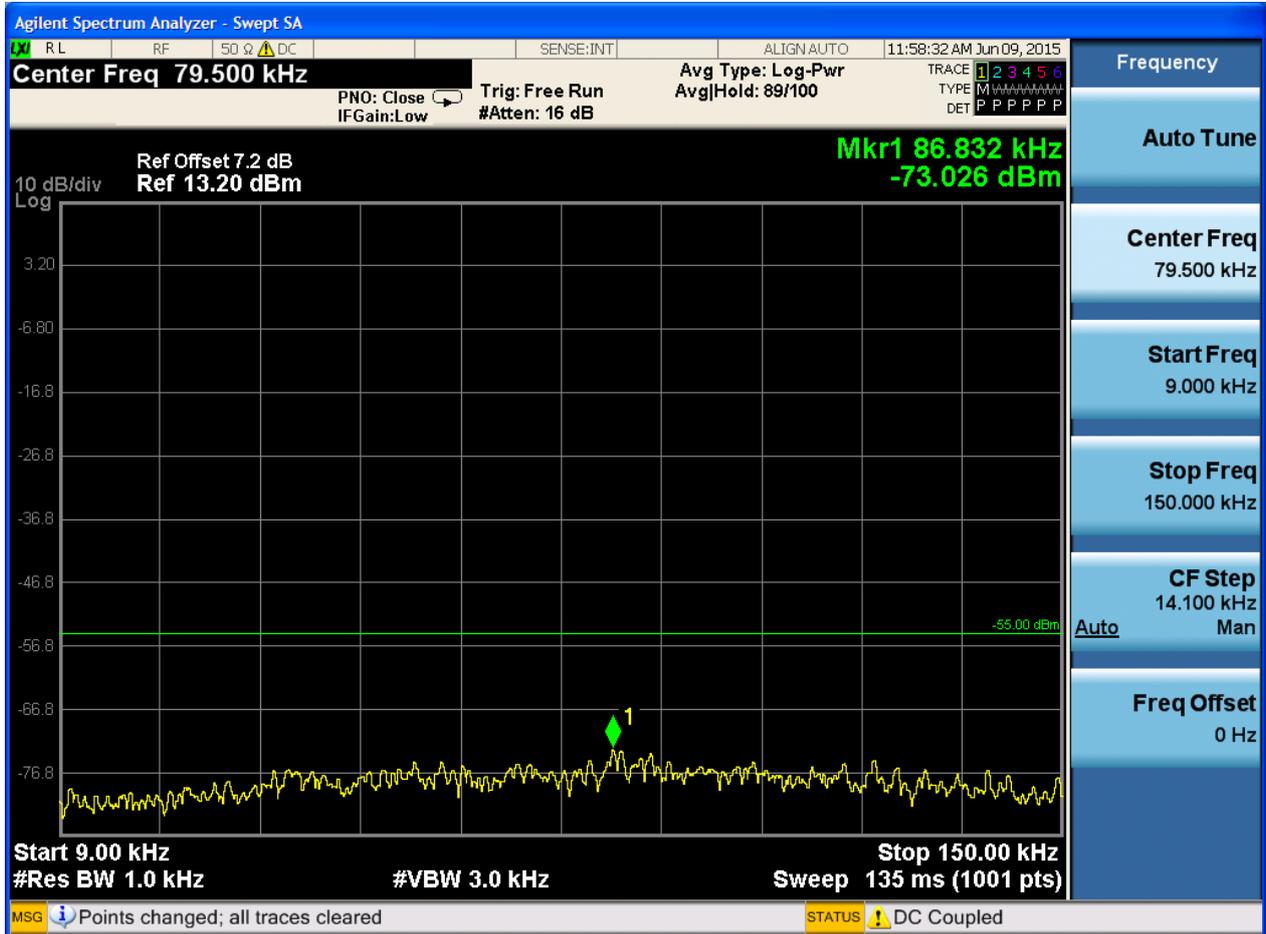


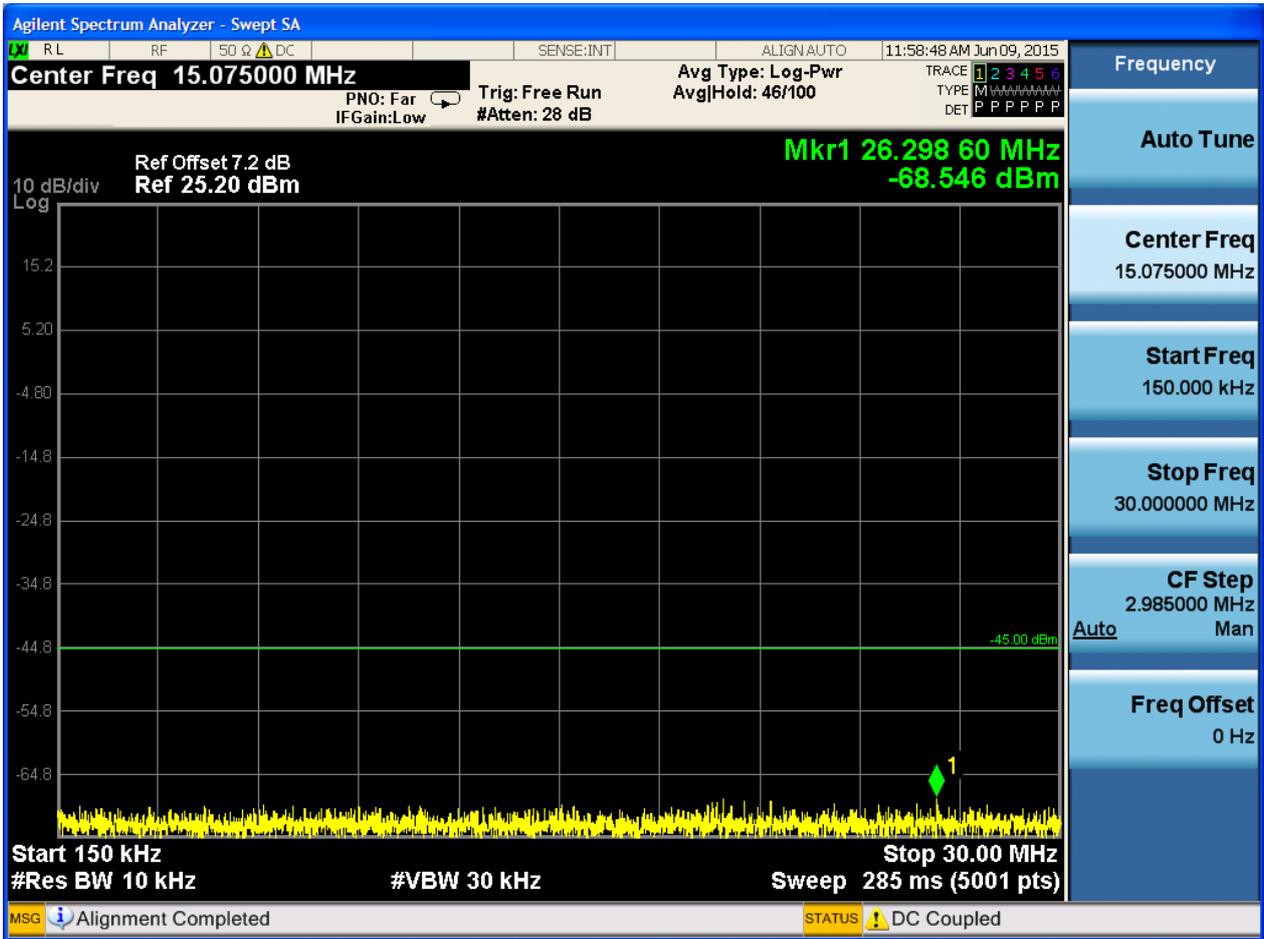


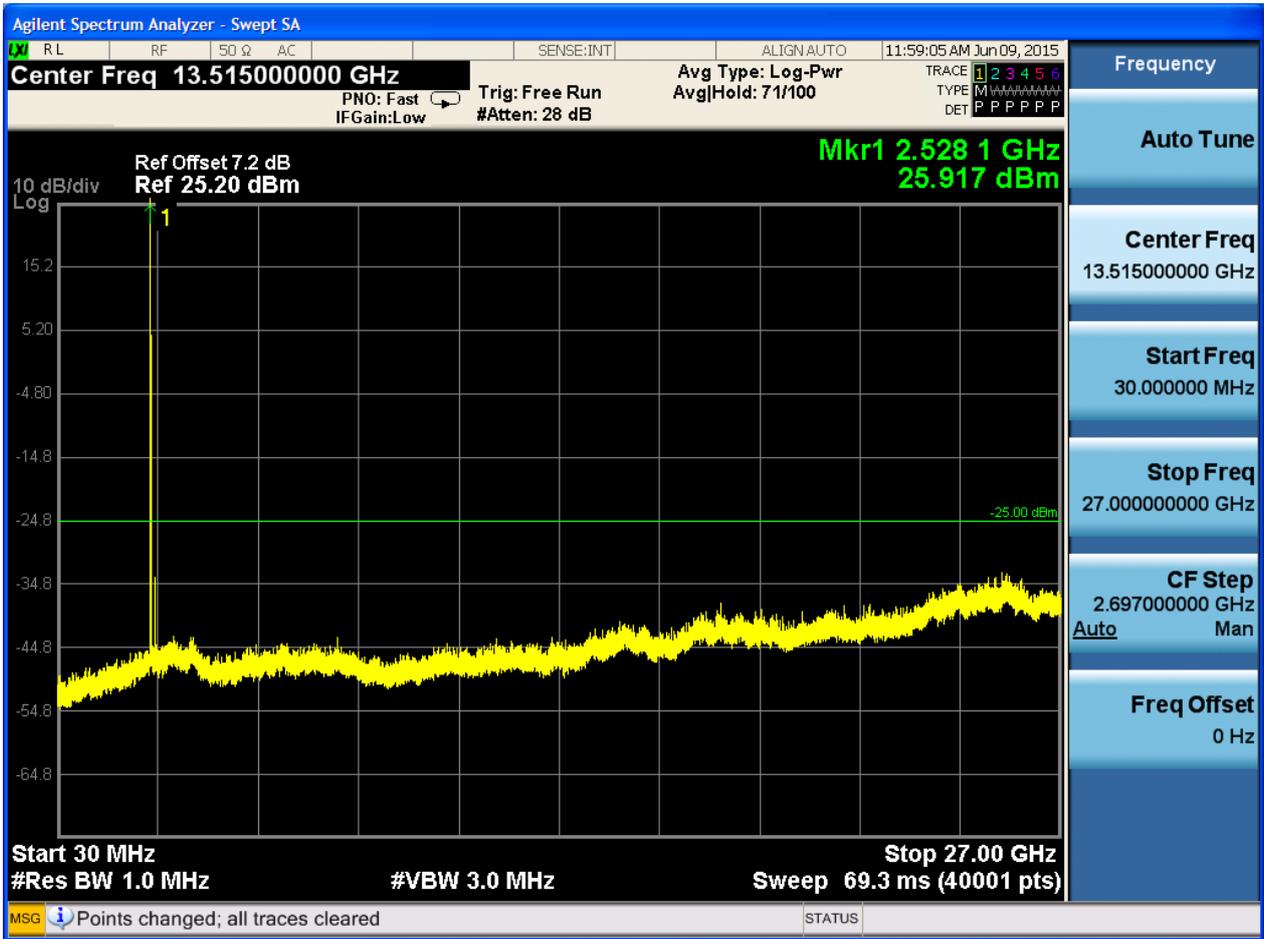


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0







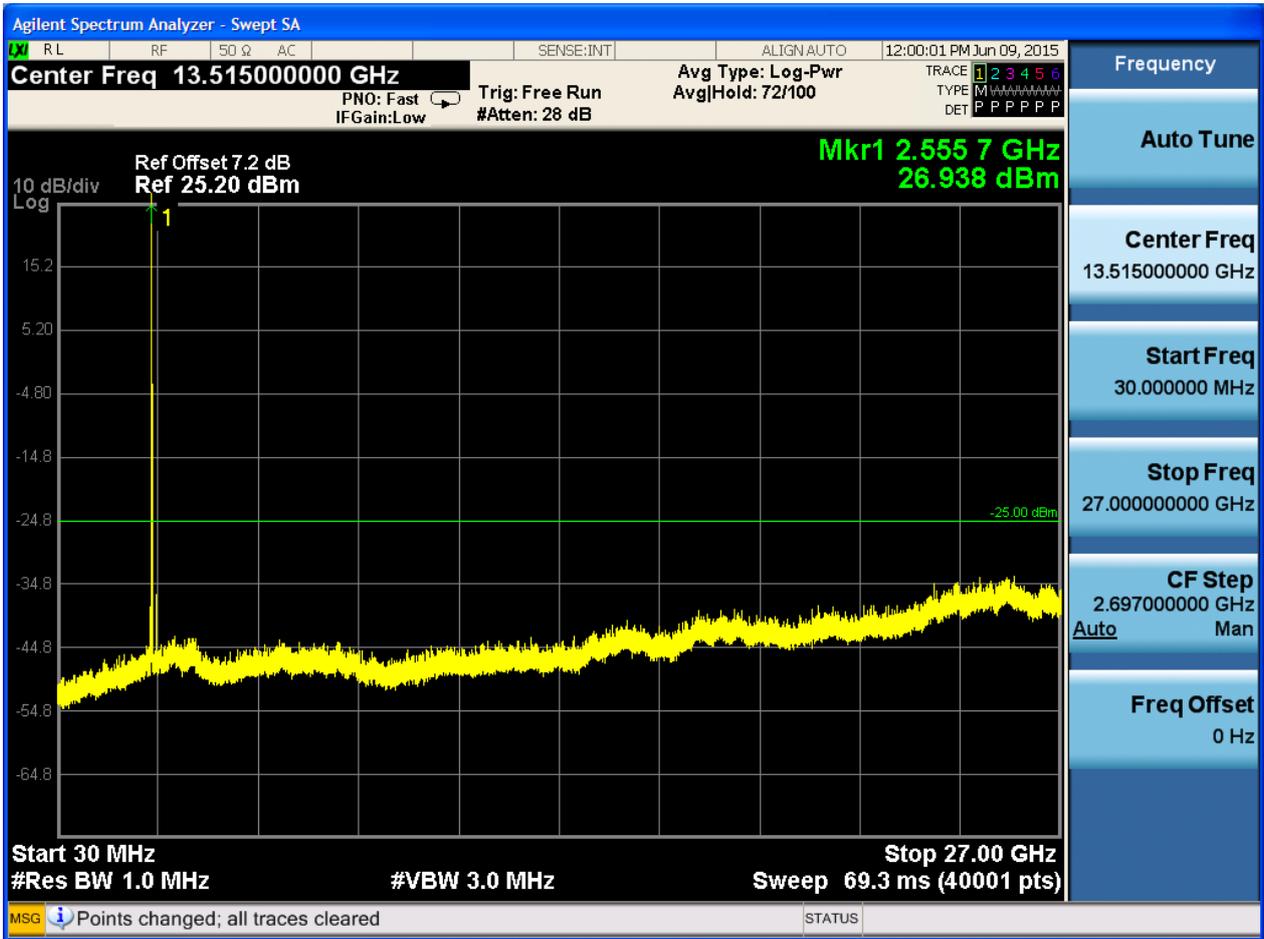


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





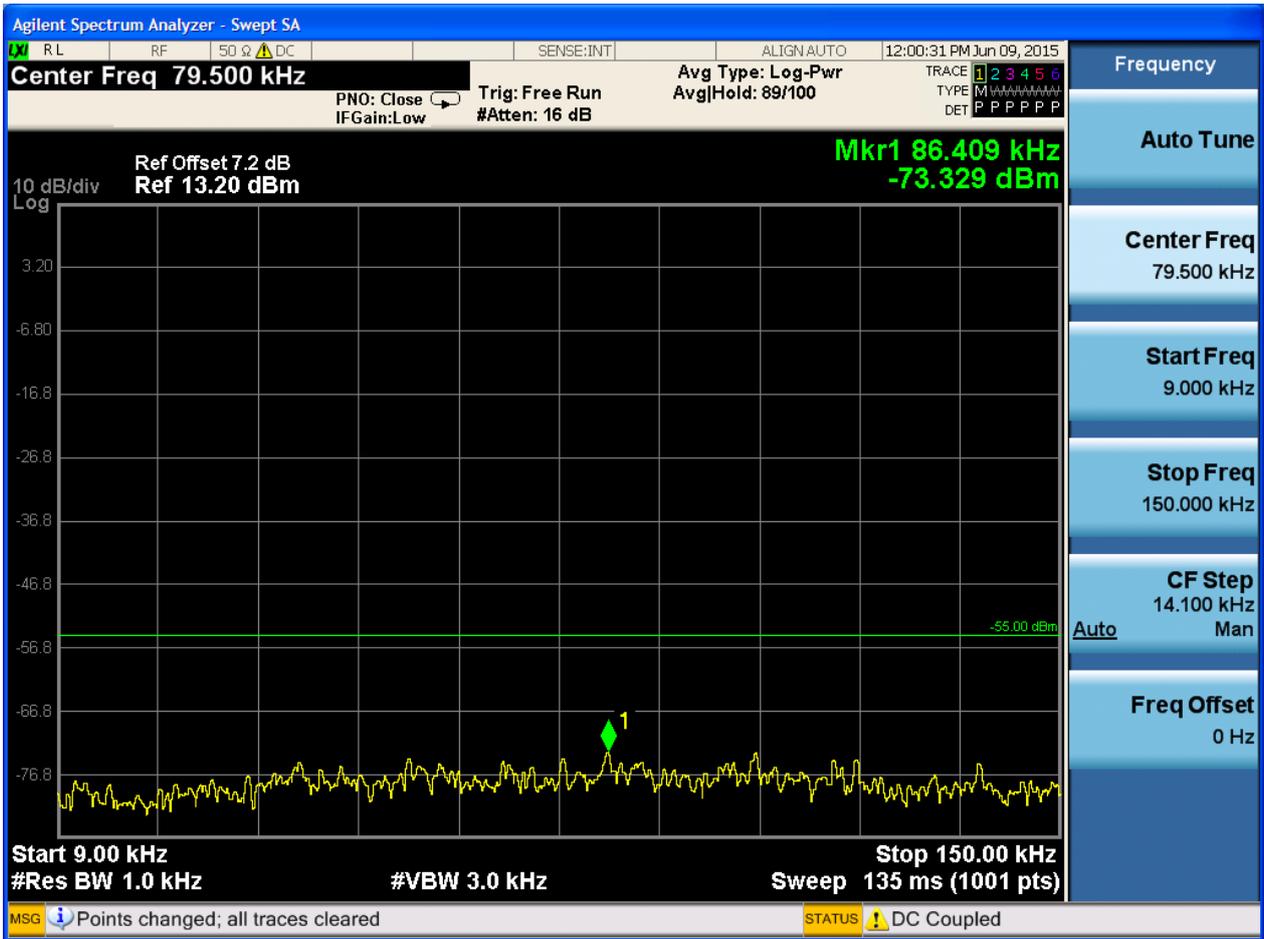




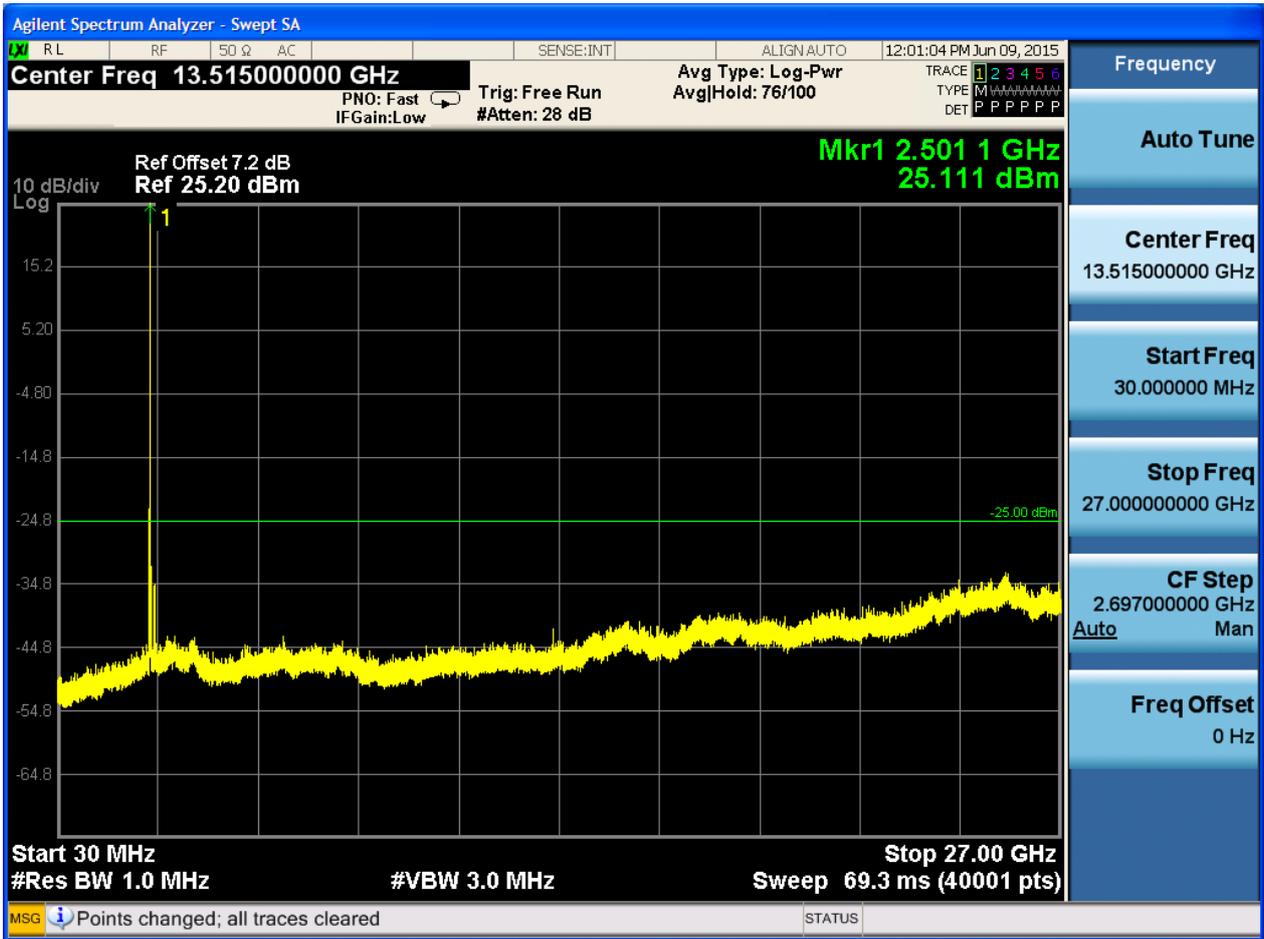
6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



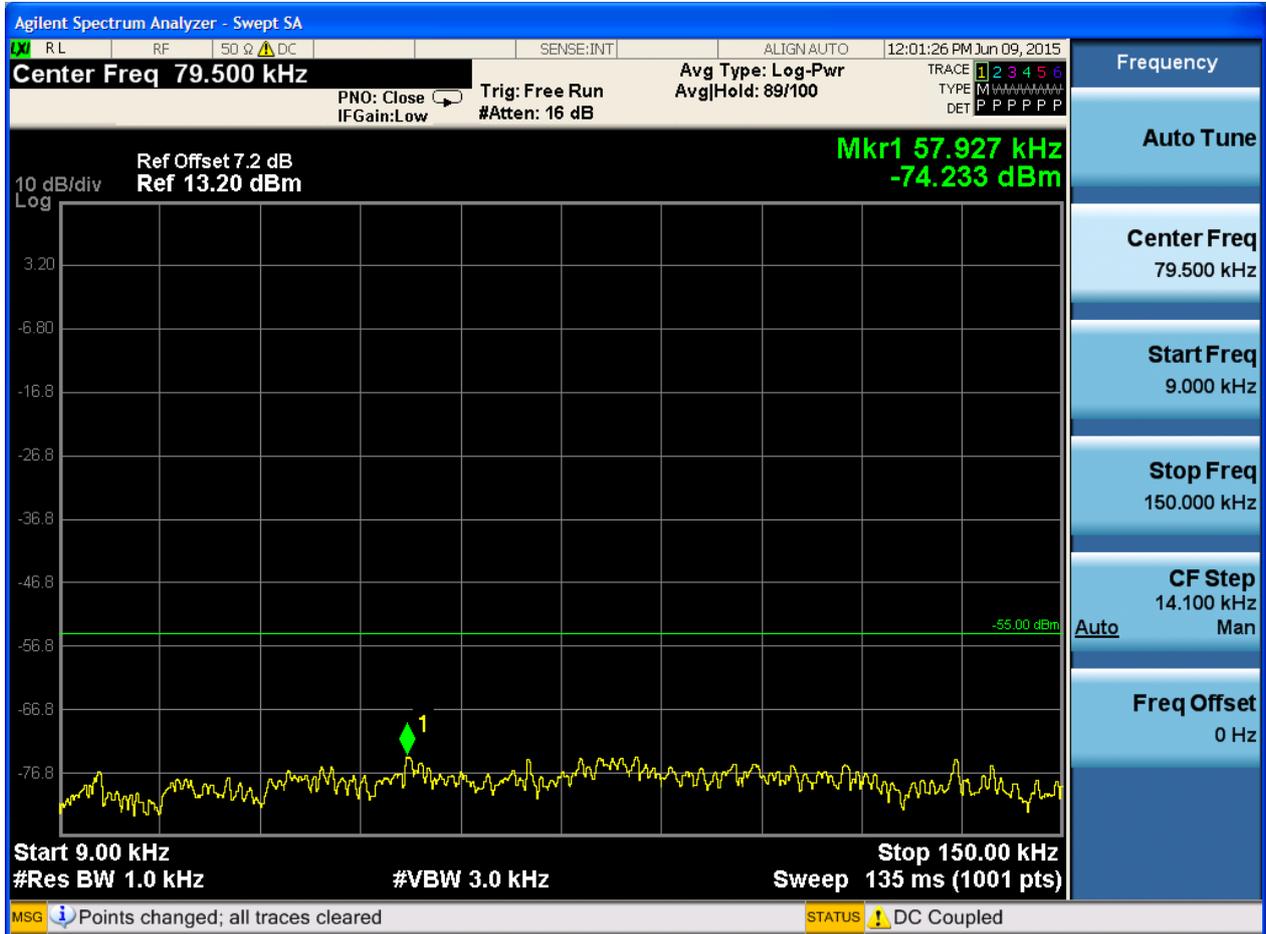




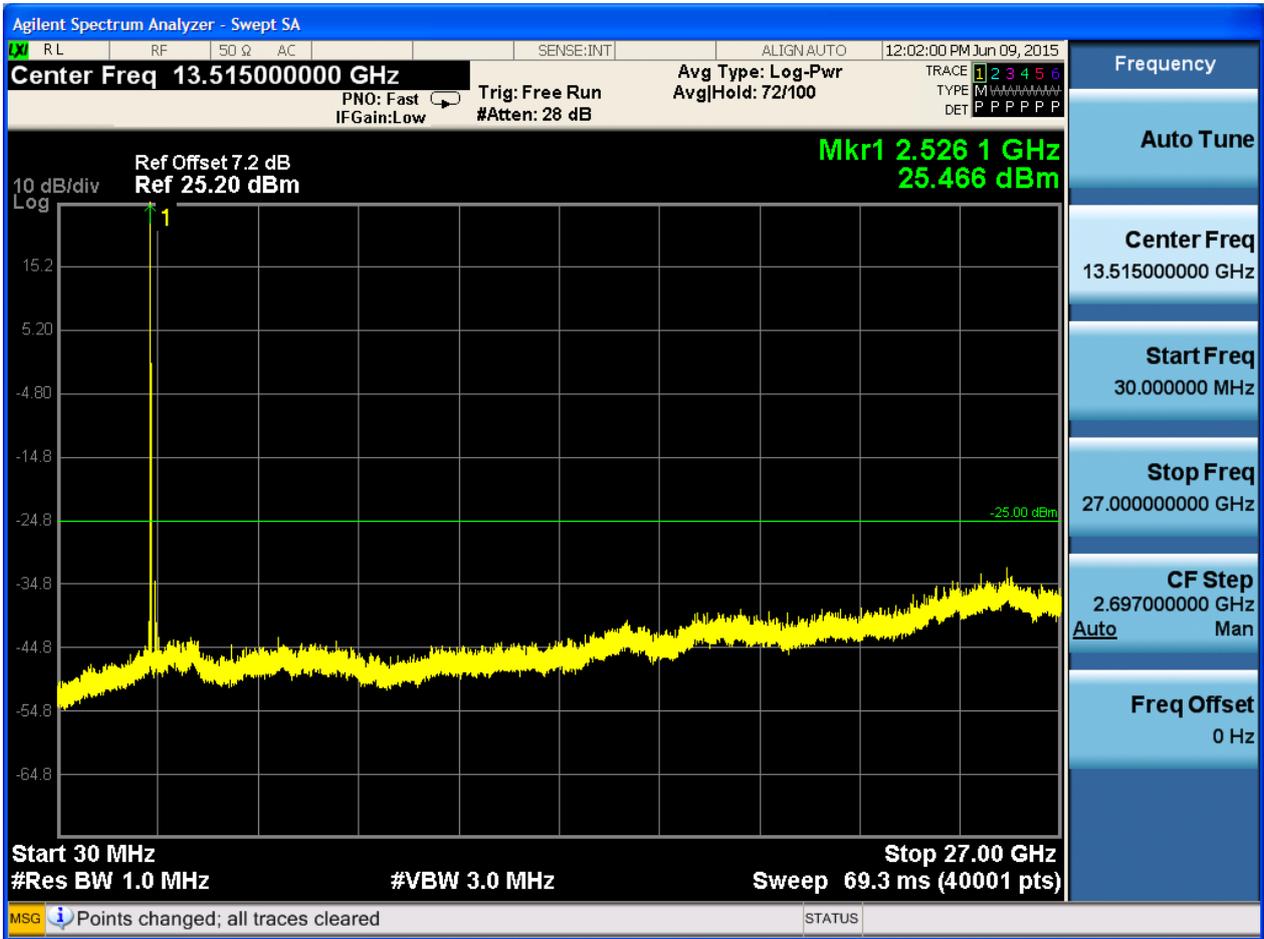


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



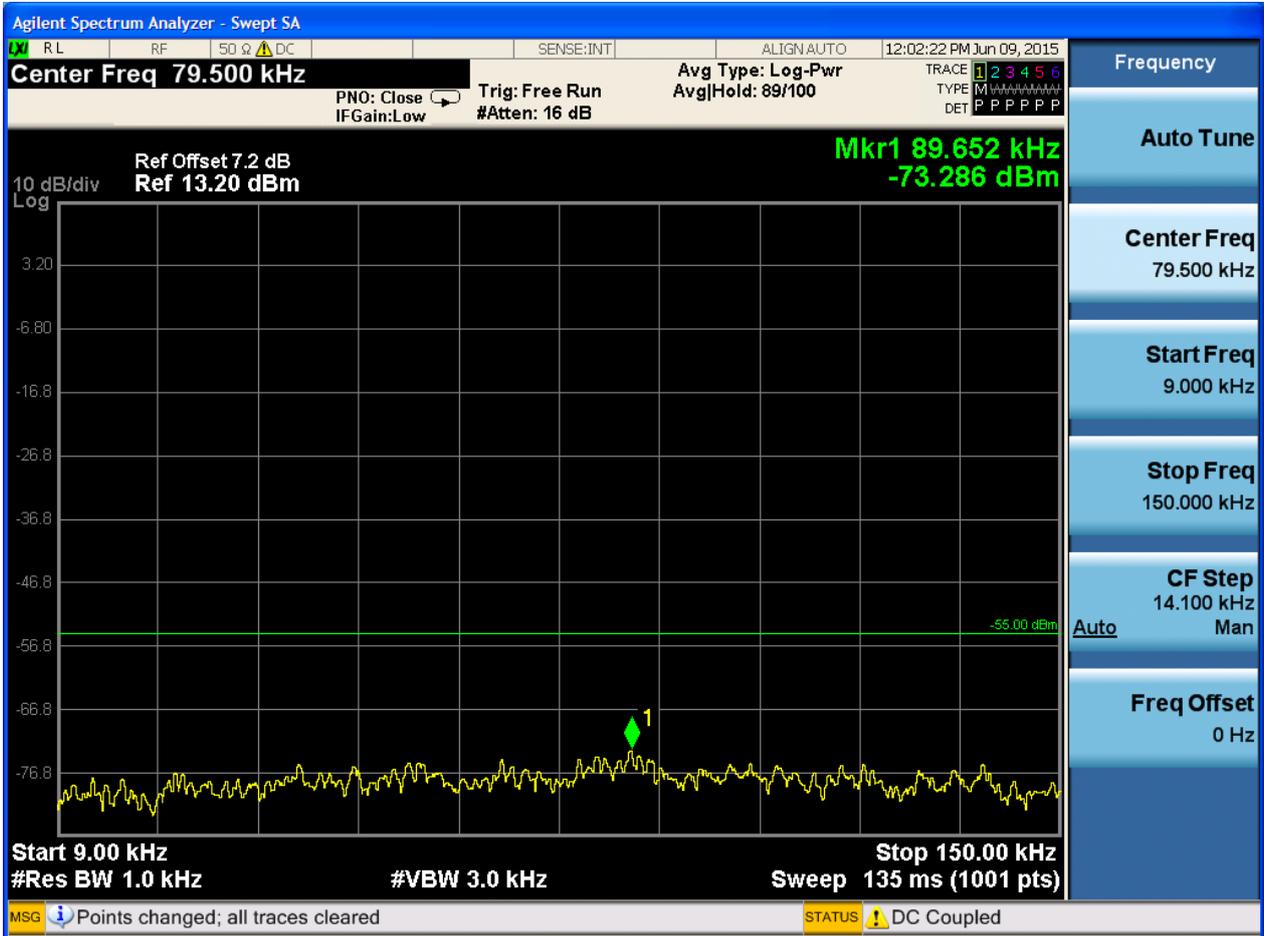


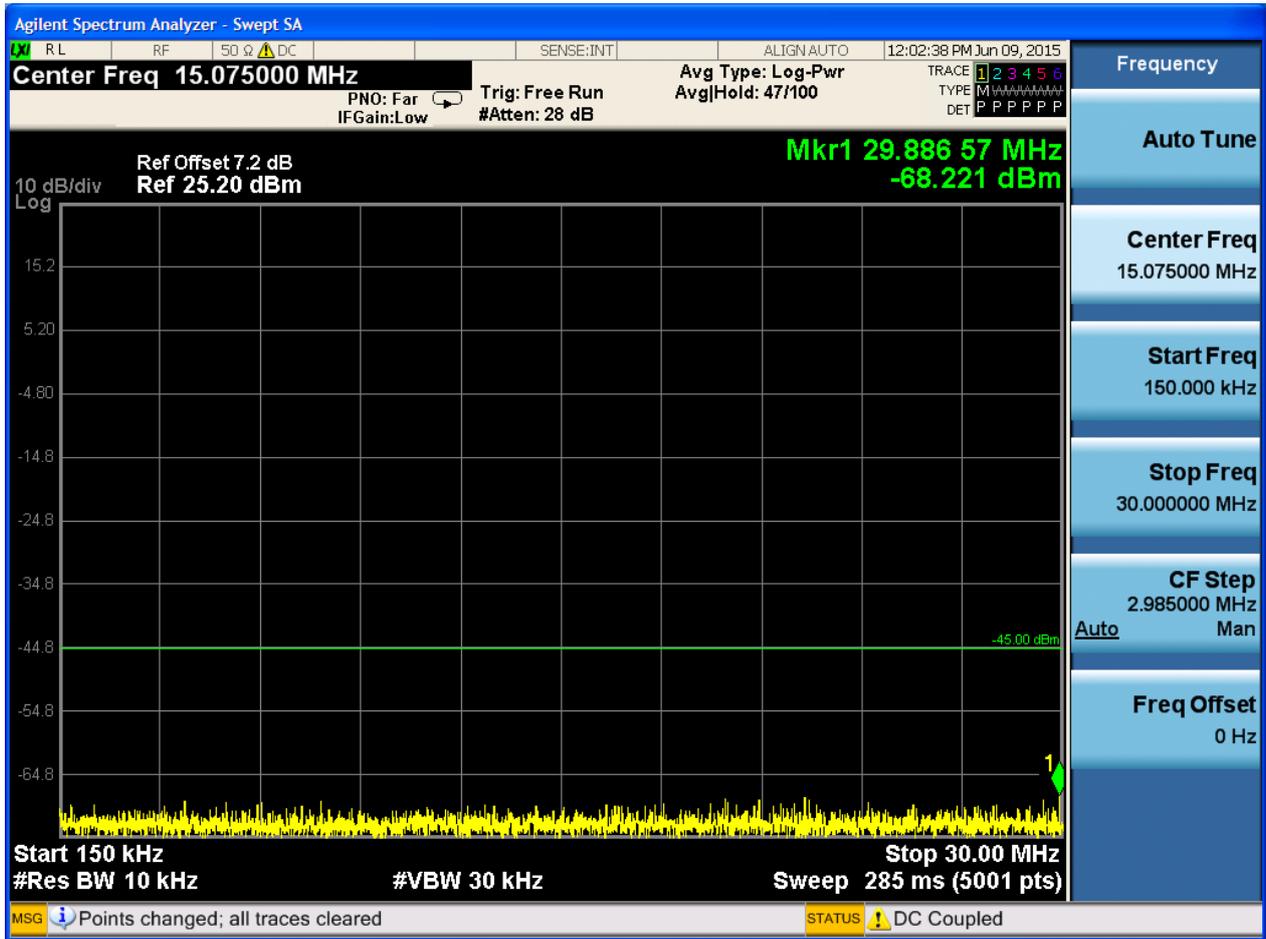


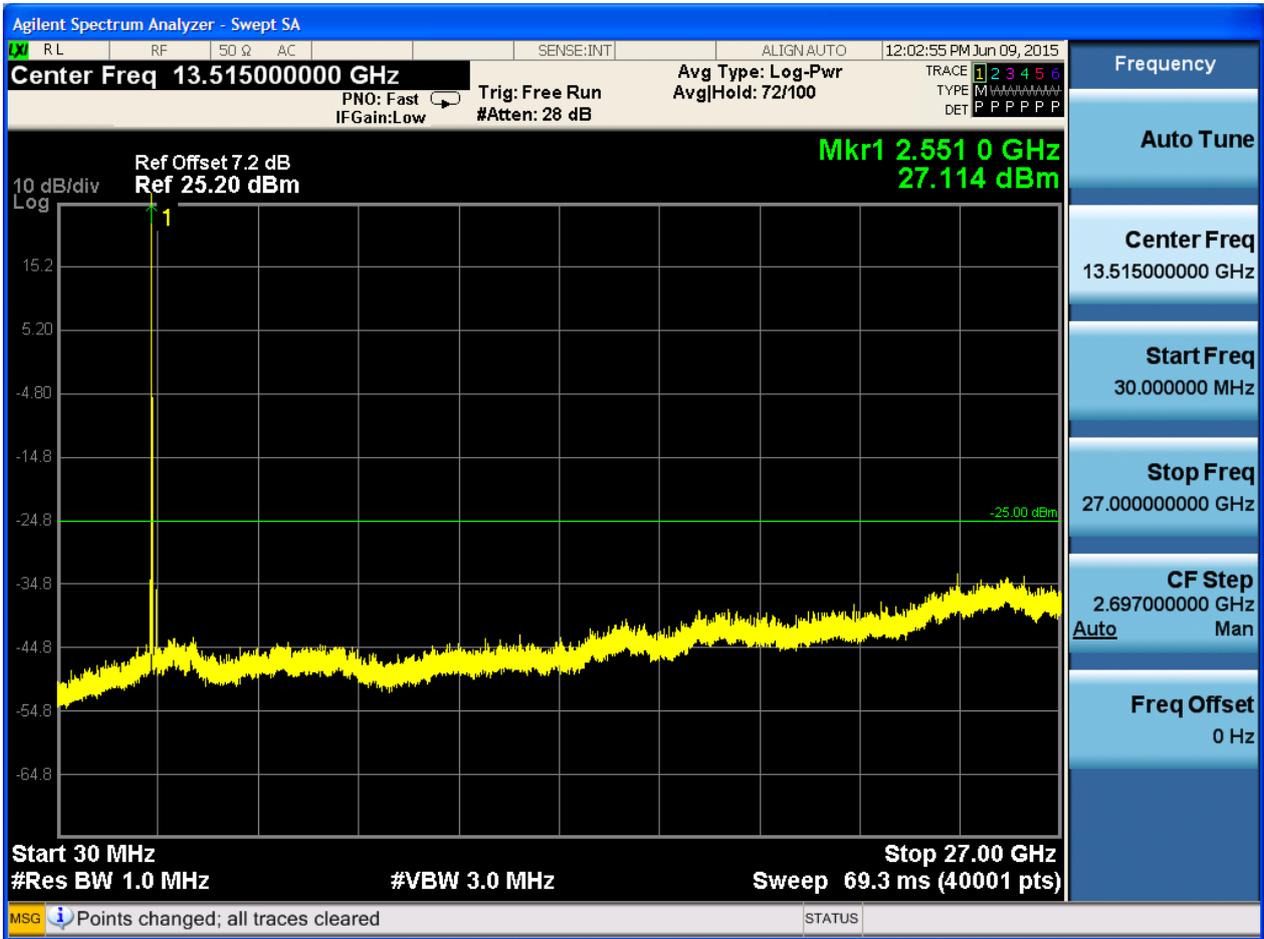


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







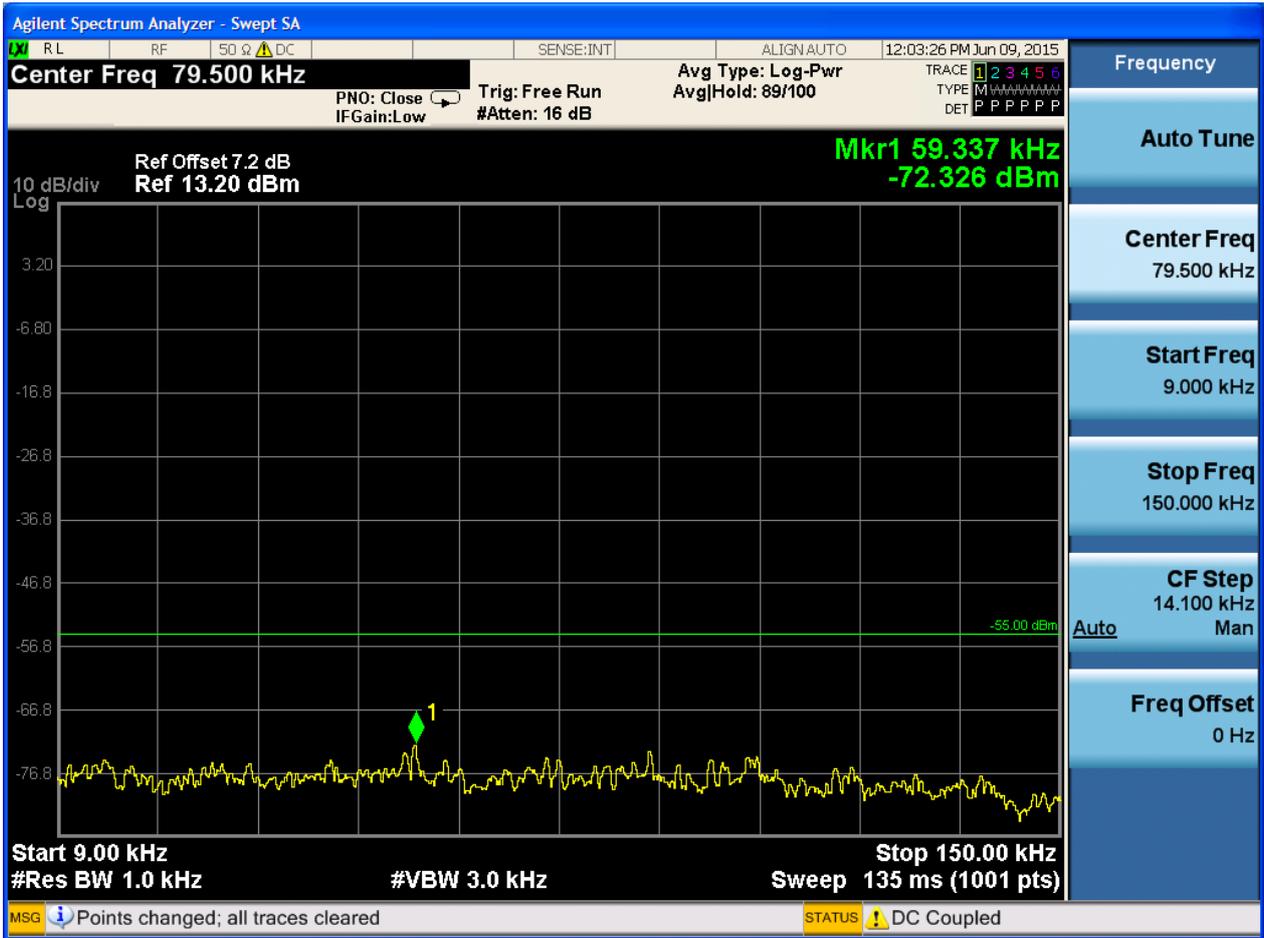


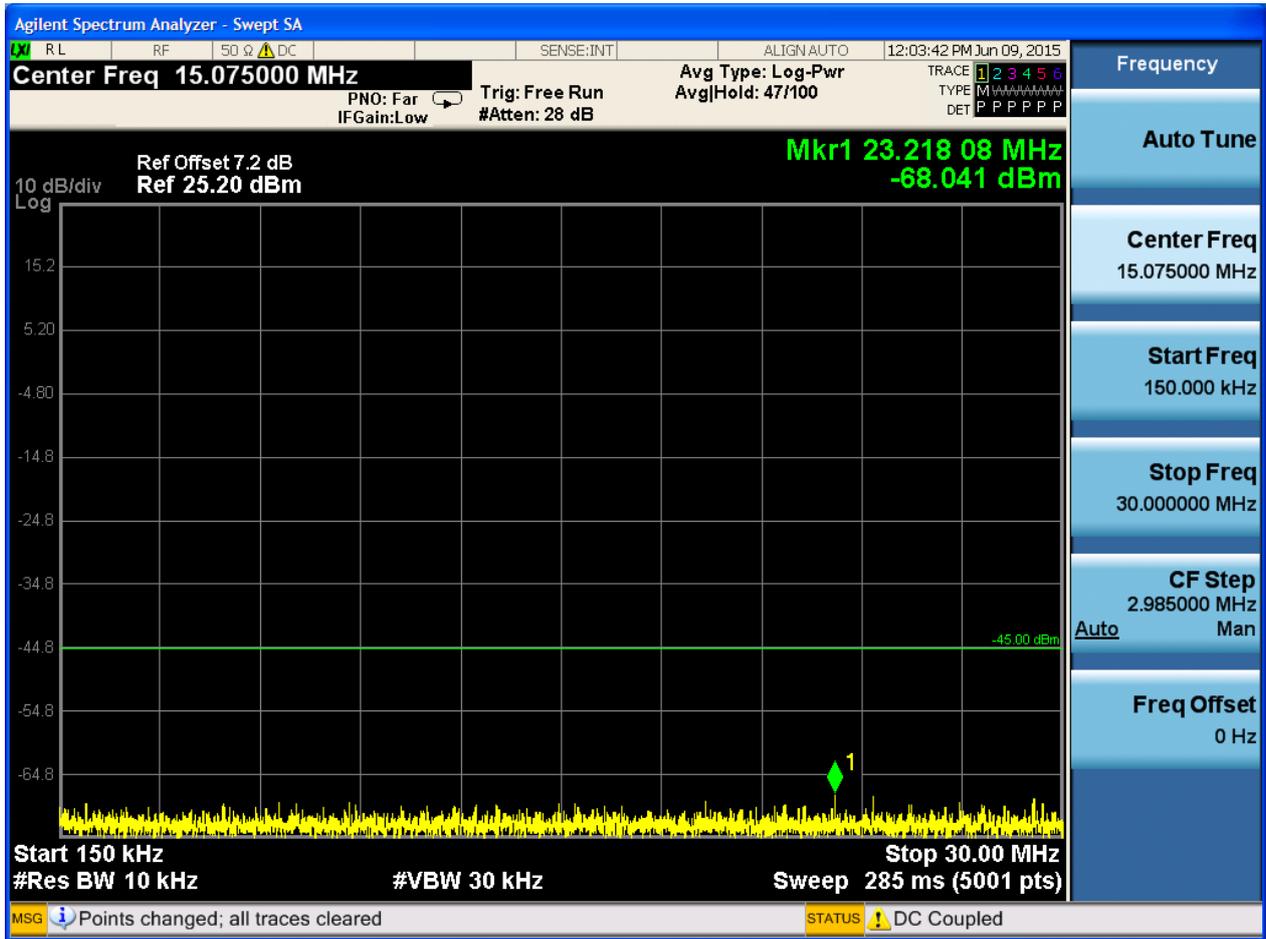
6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



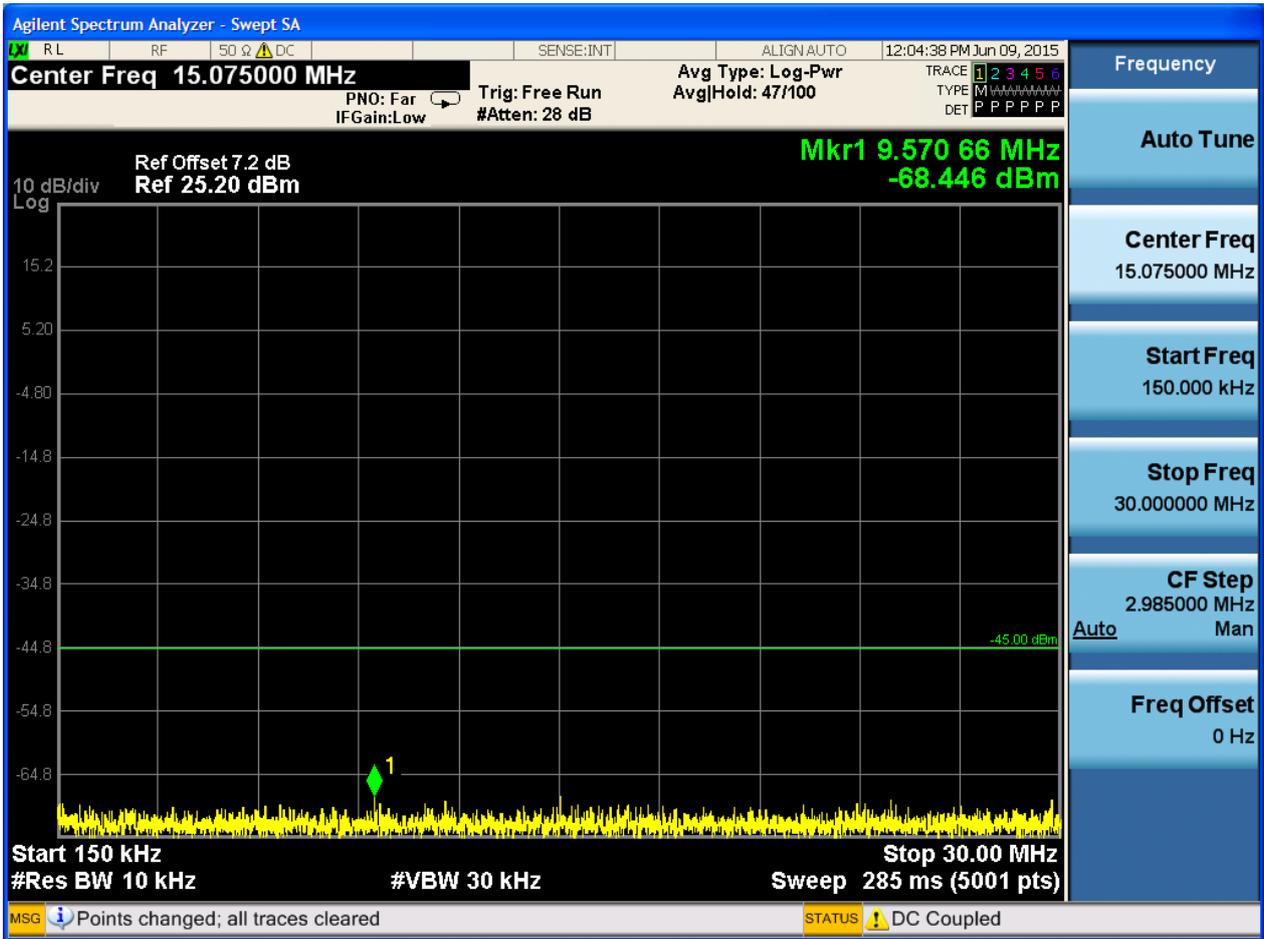




6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

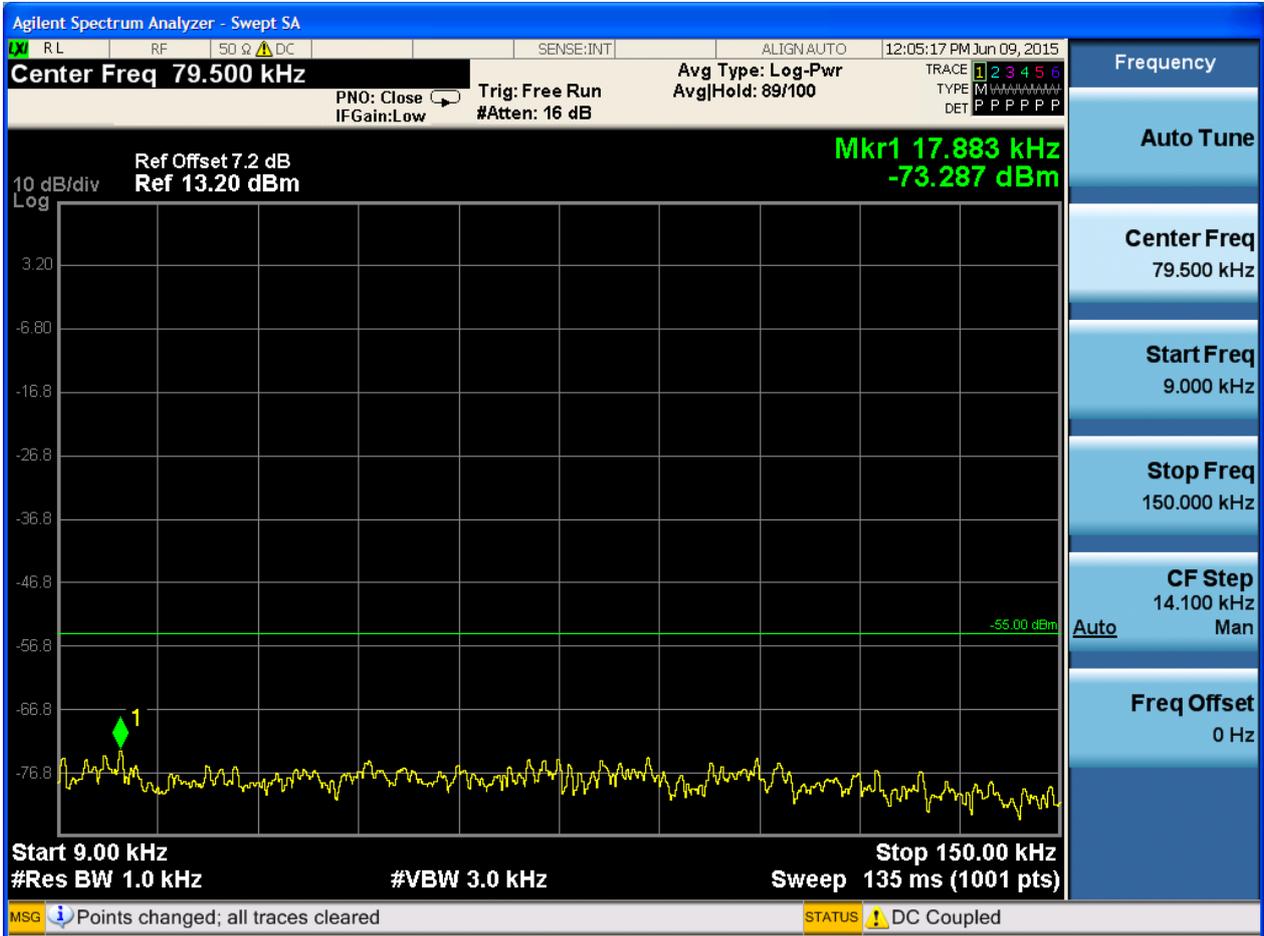




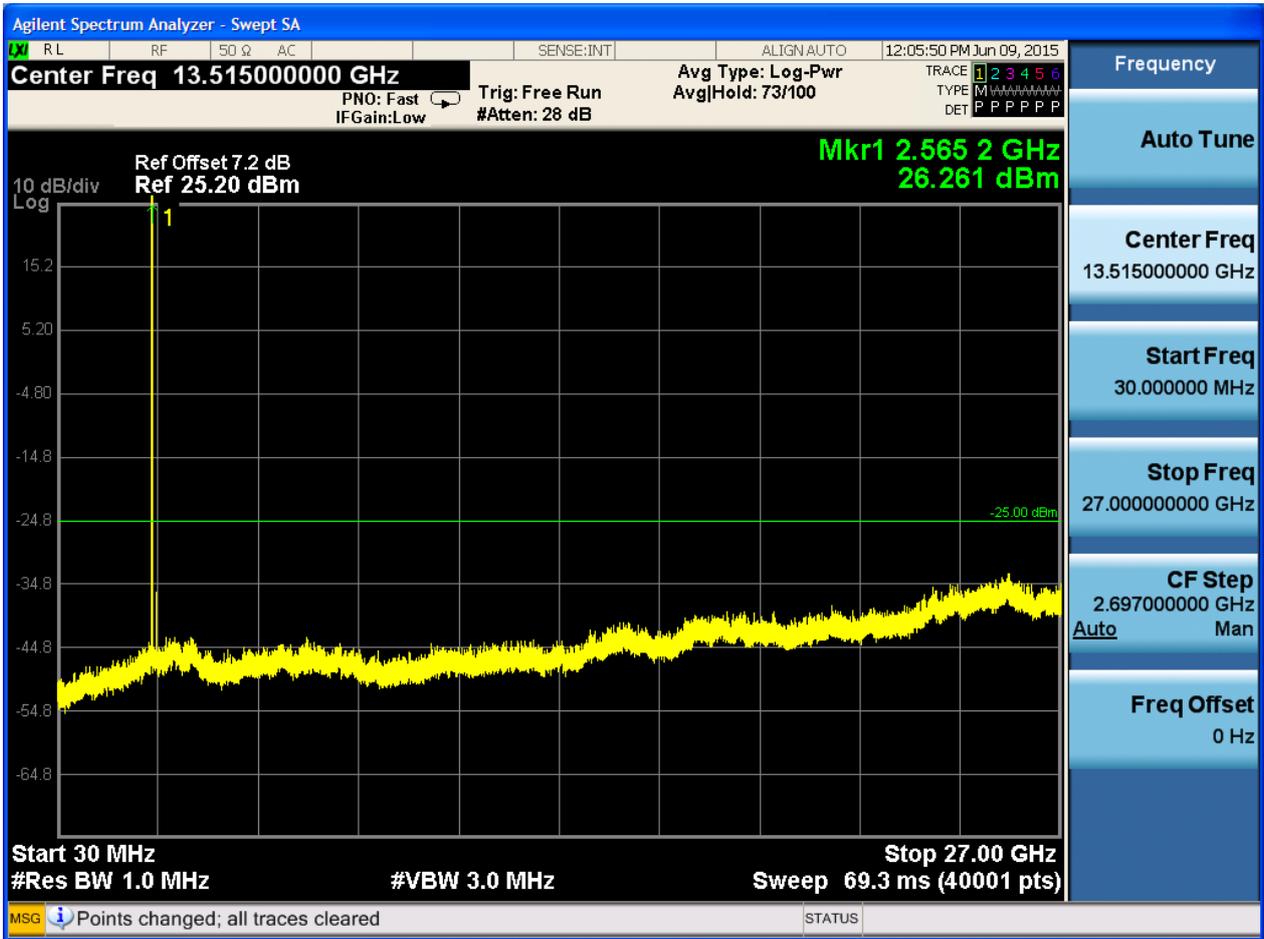


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





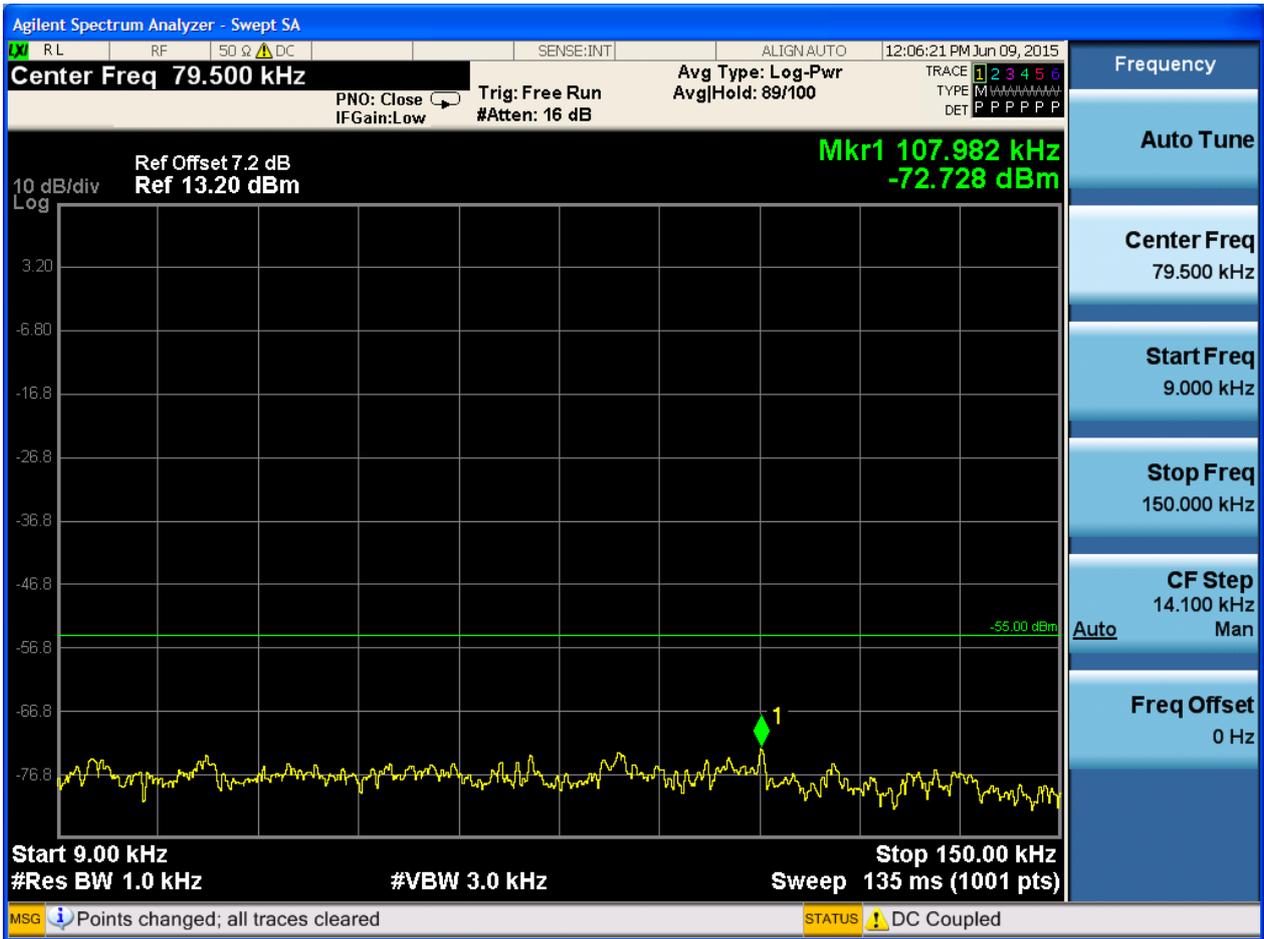


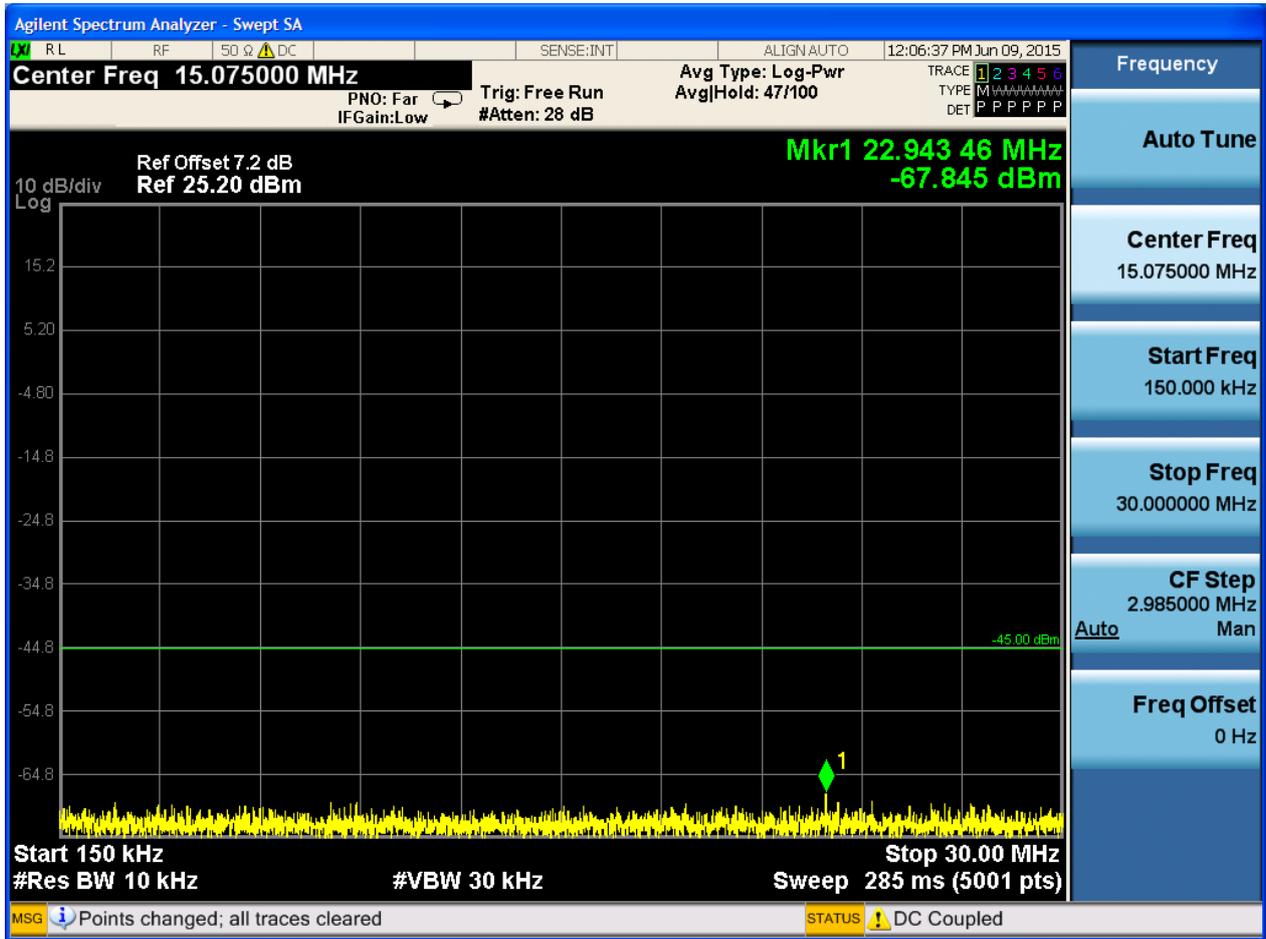


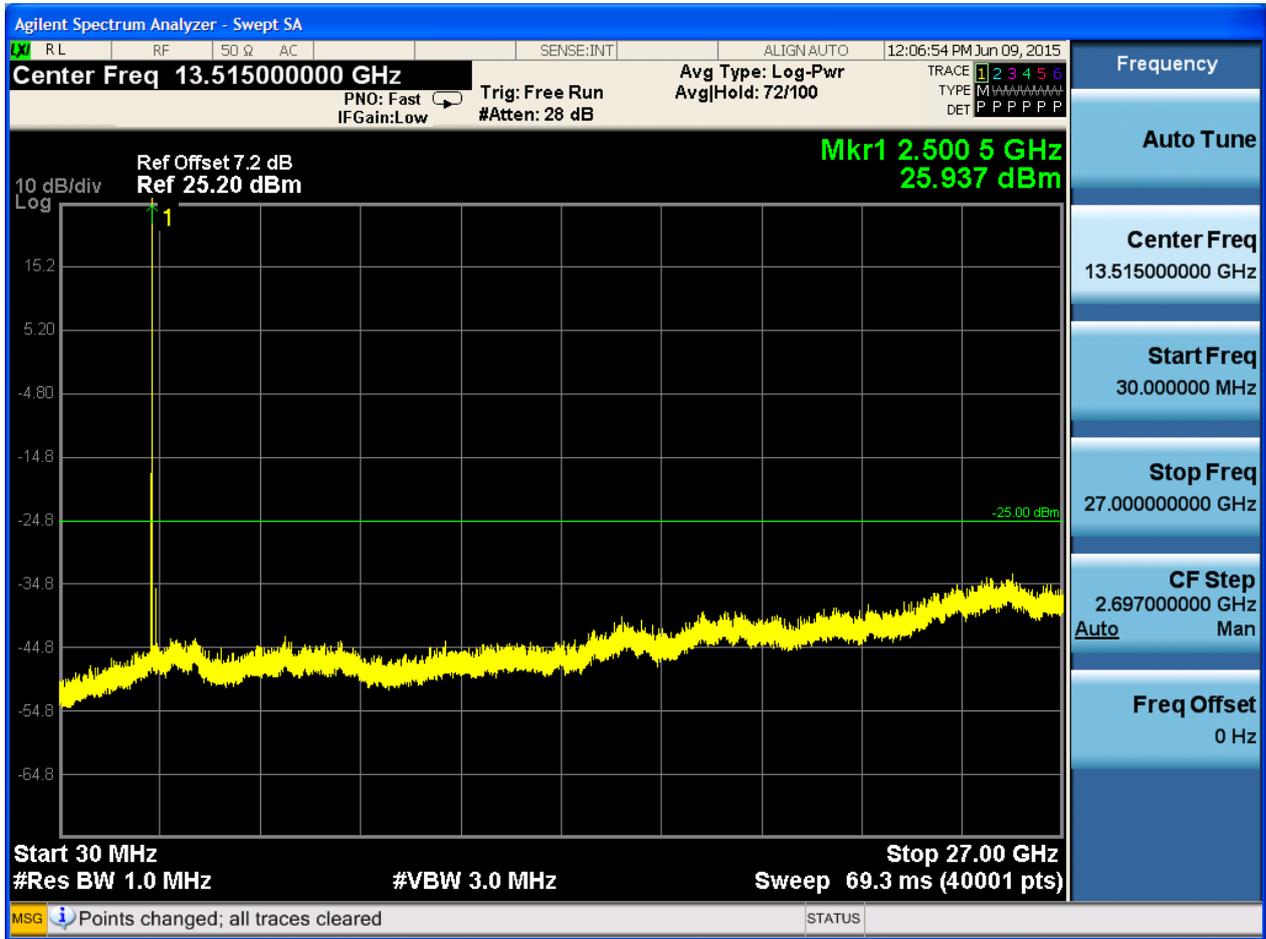
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0







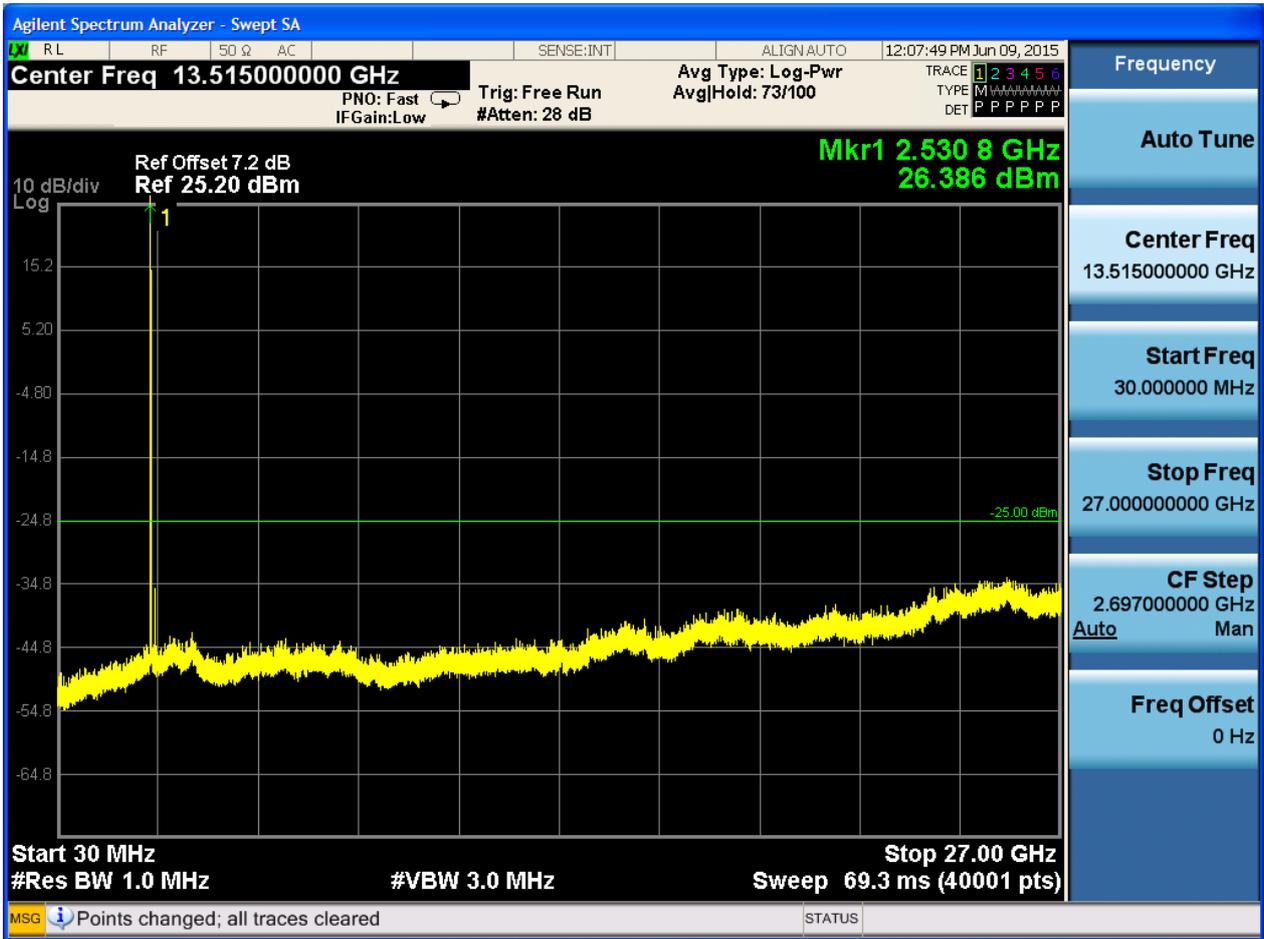


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



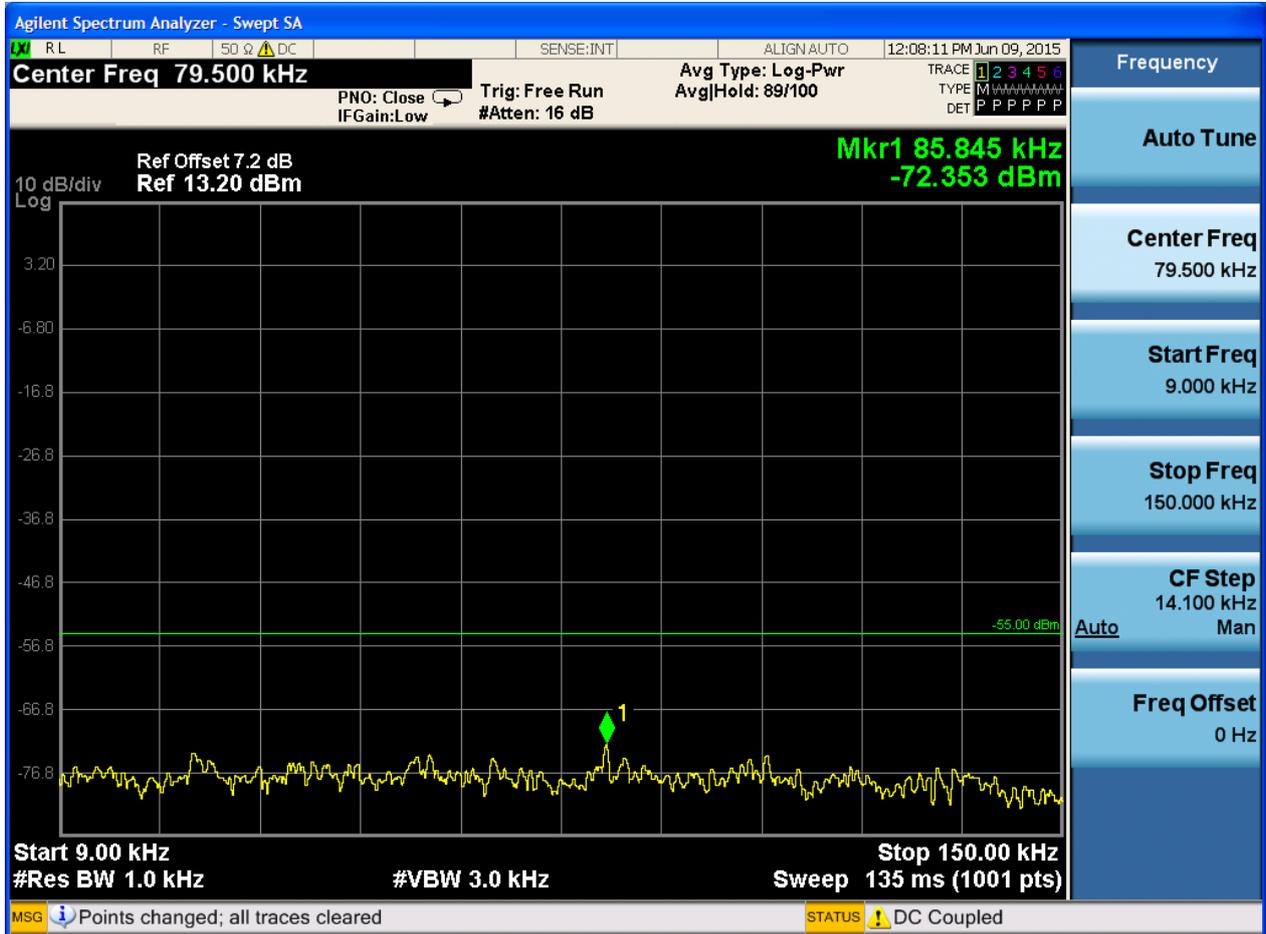


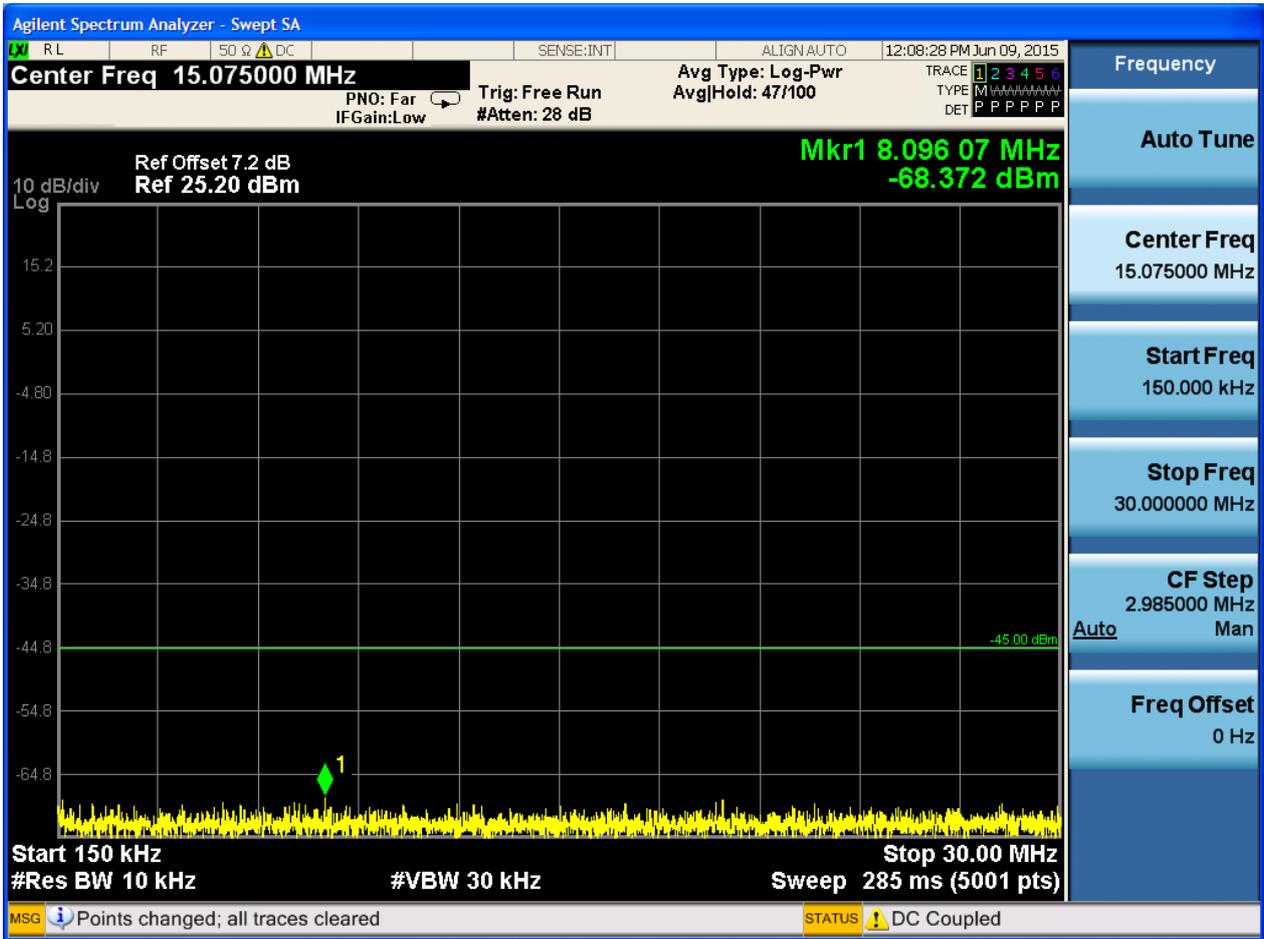


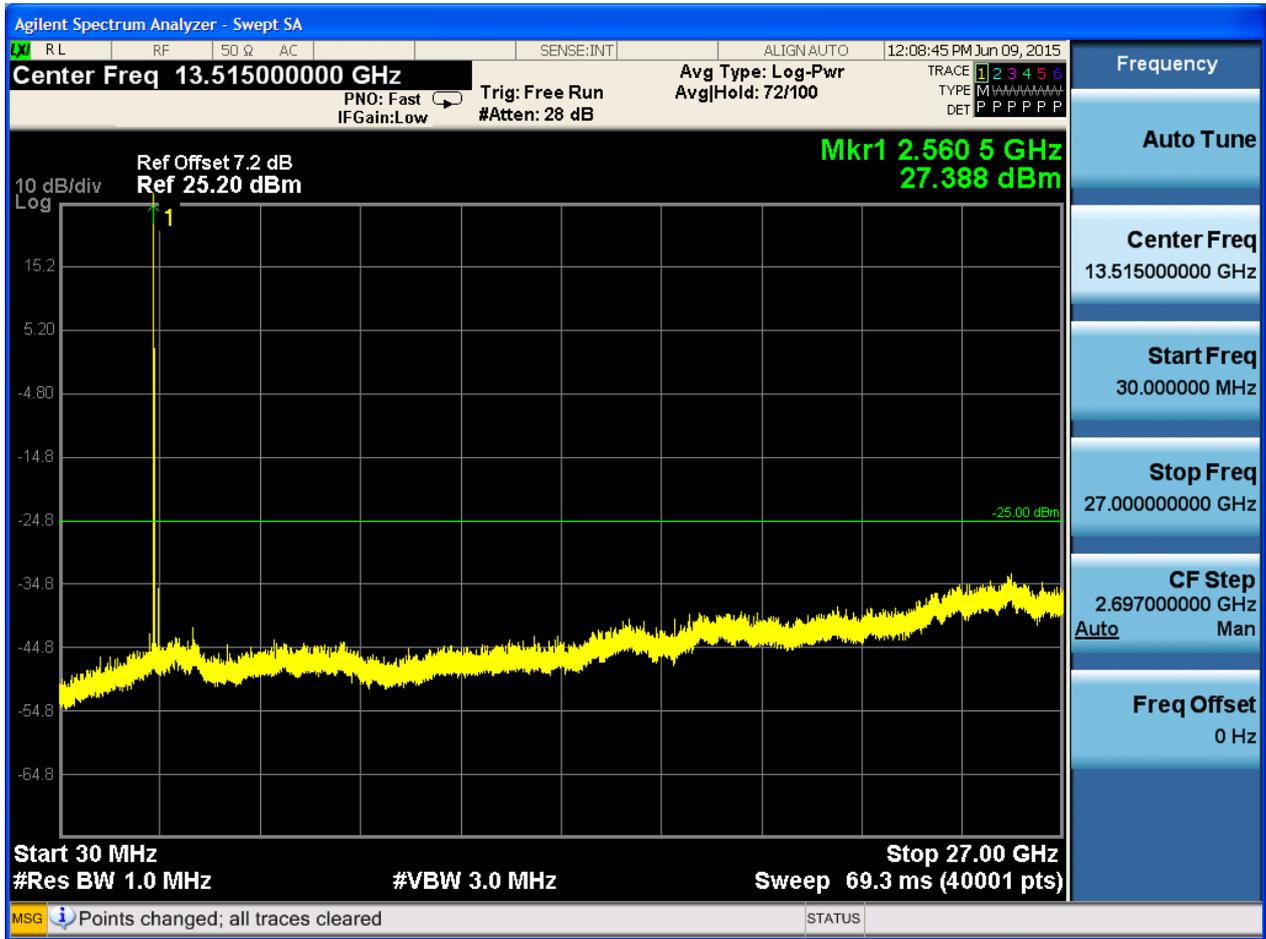


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





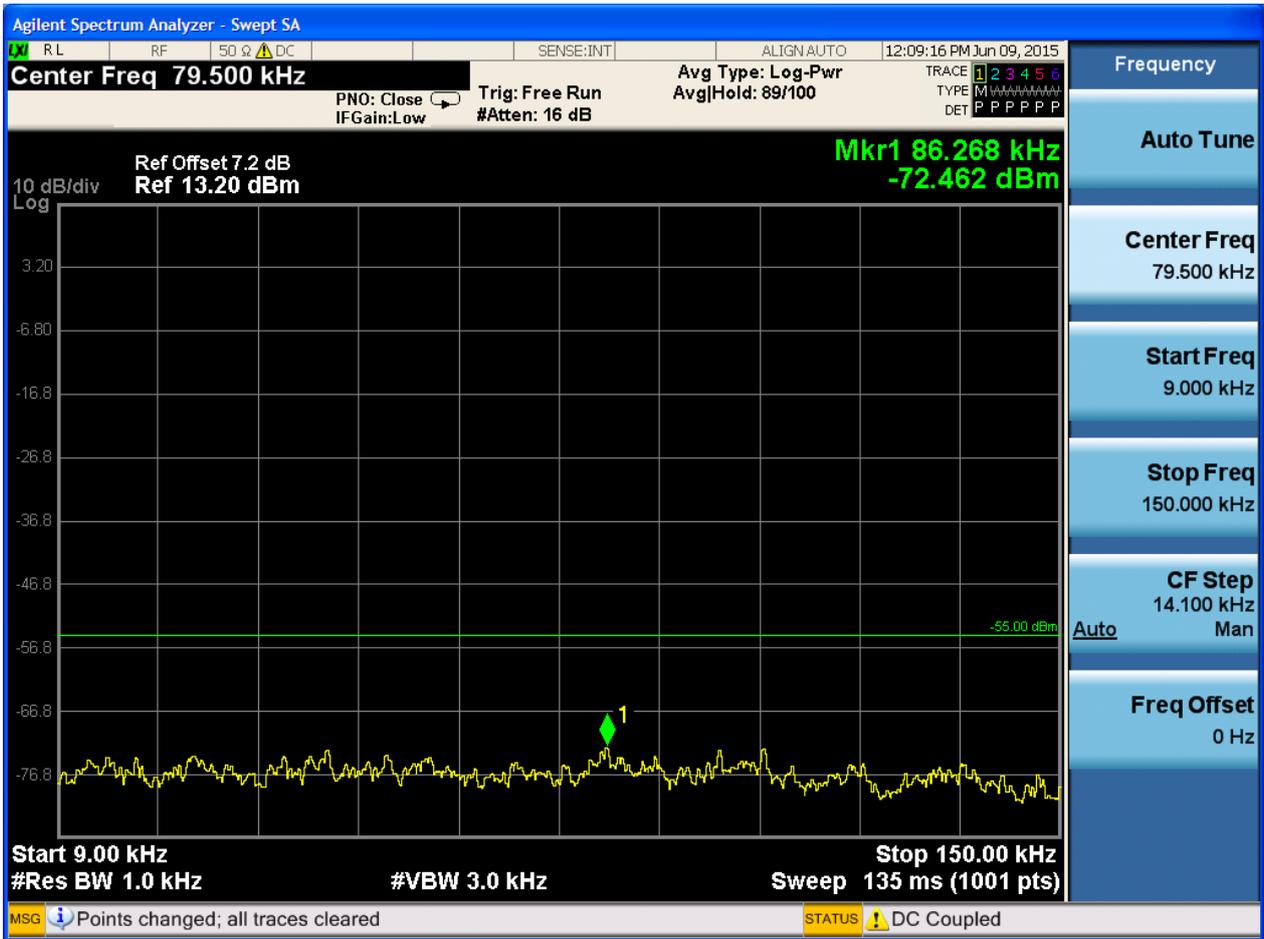


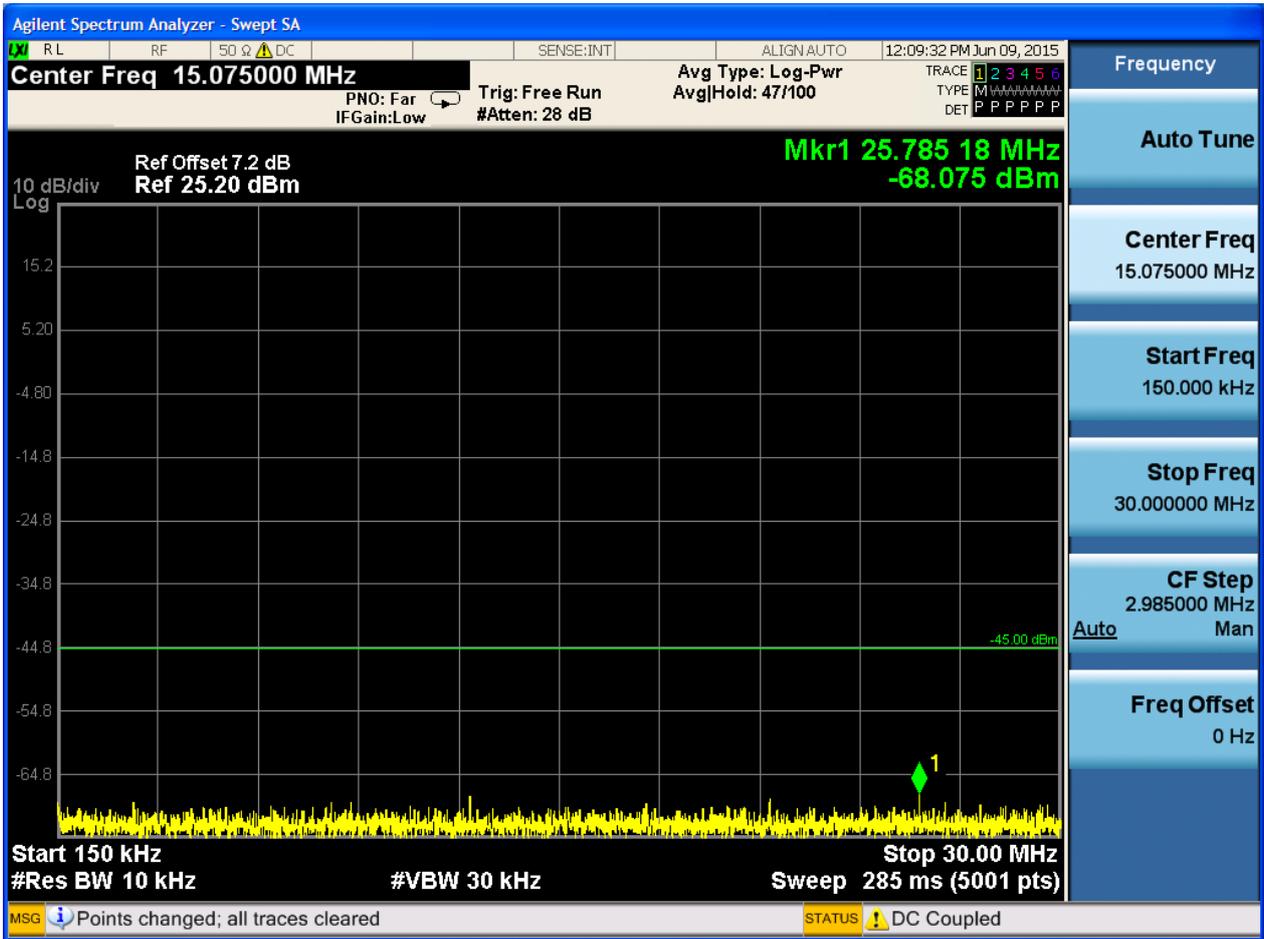


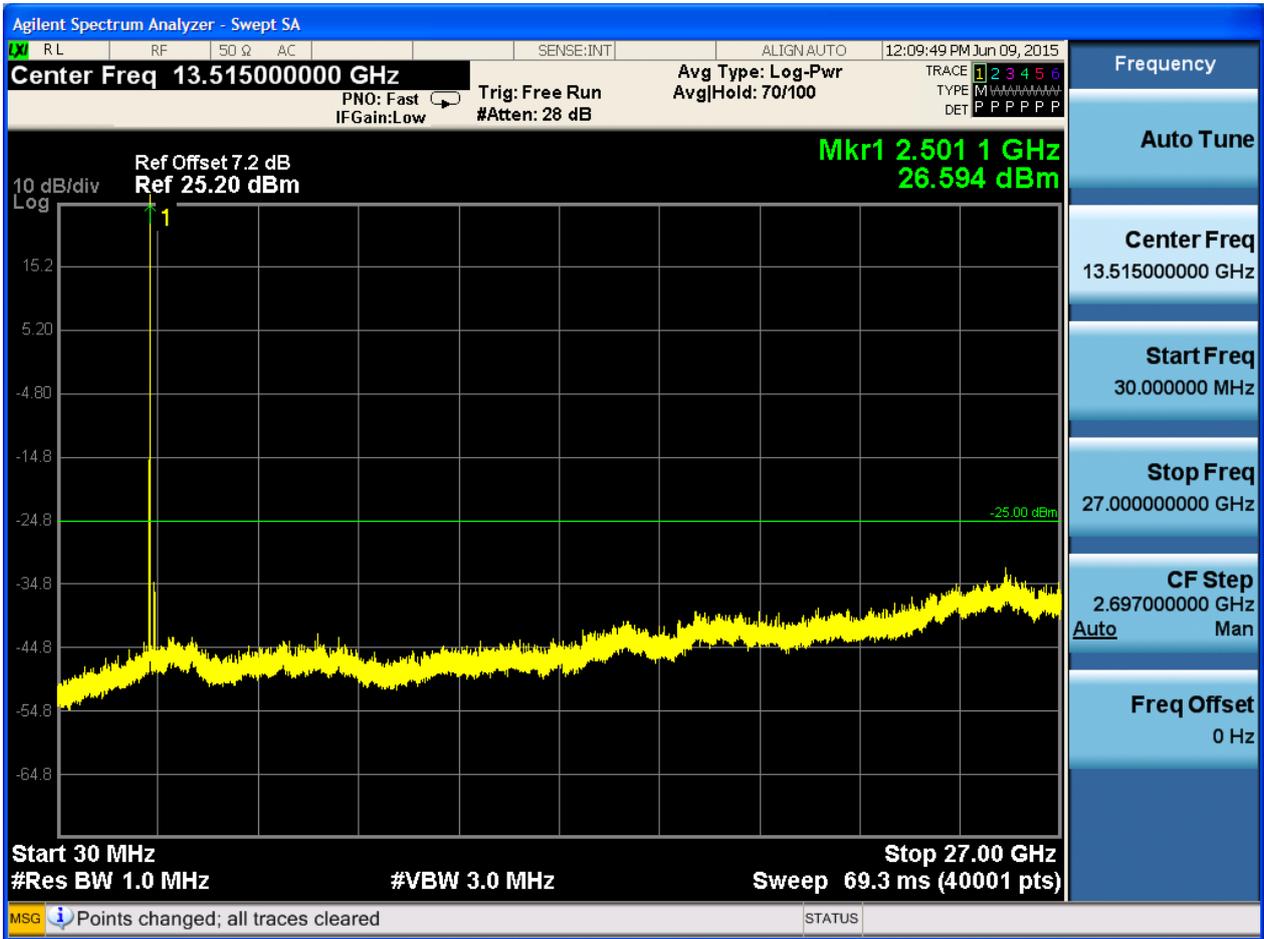
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



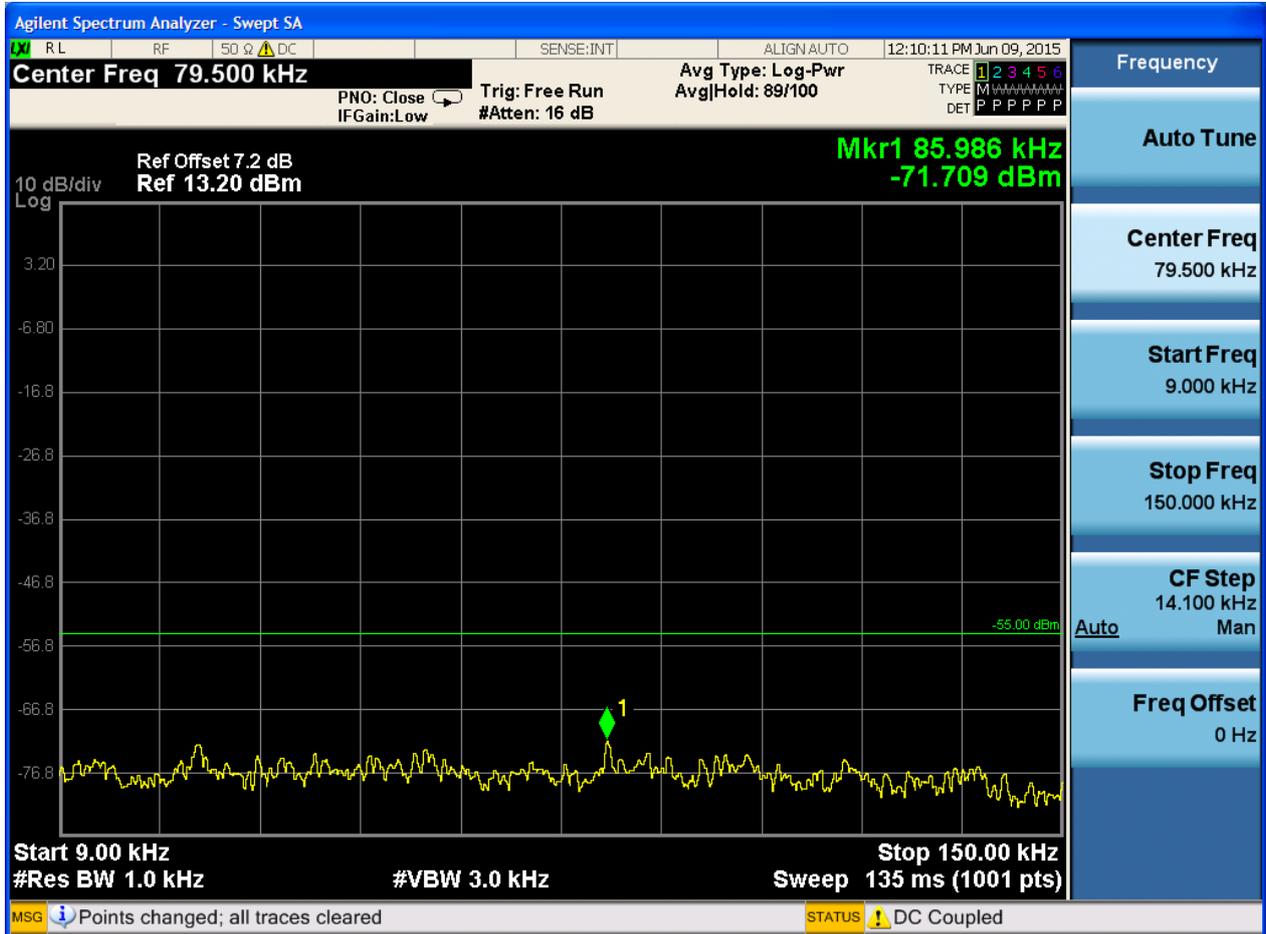


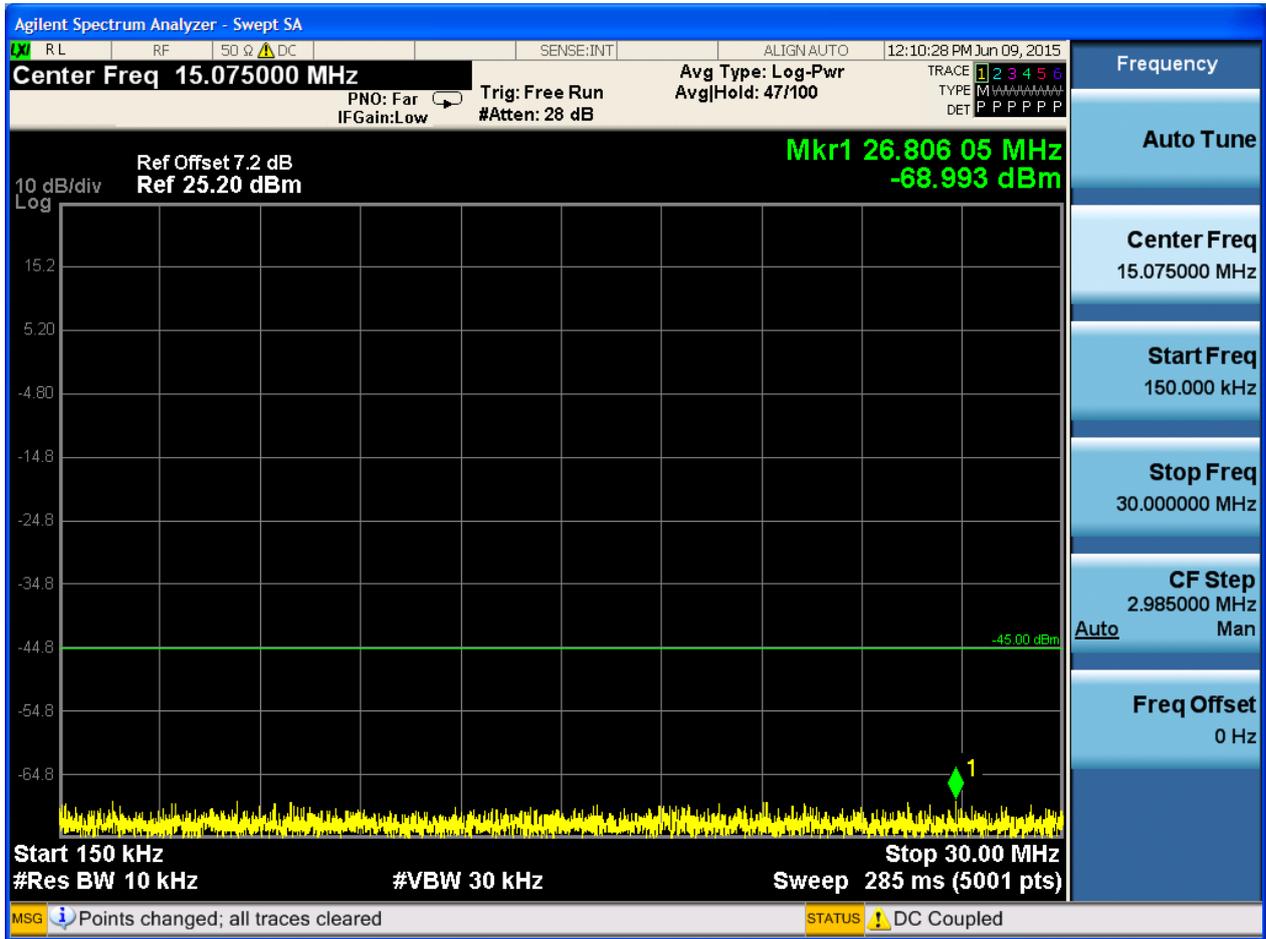


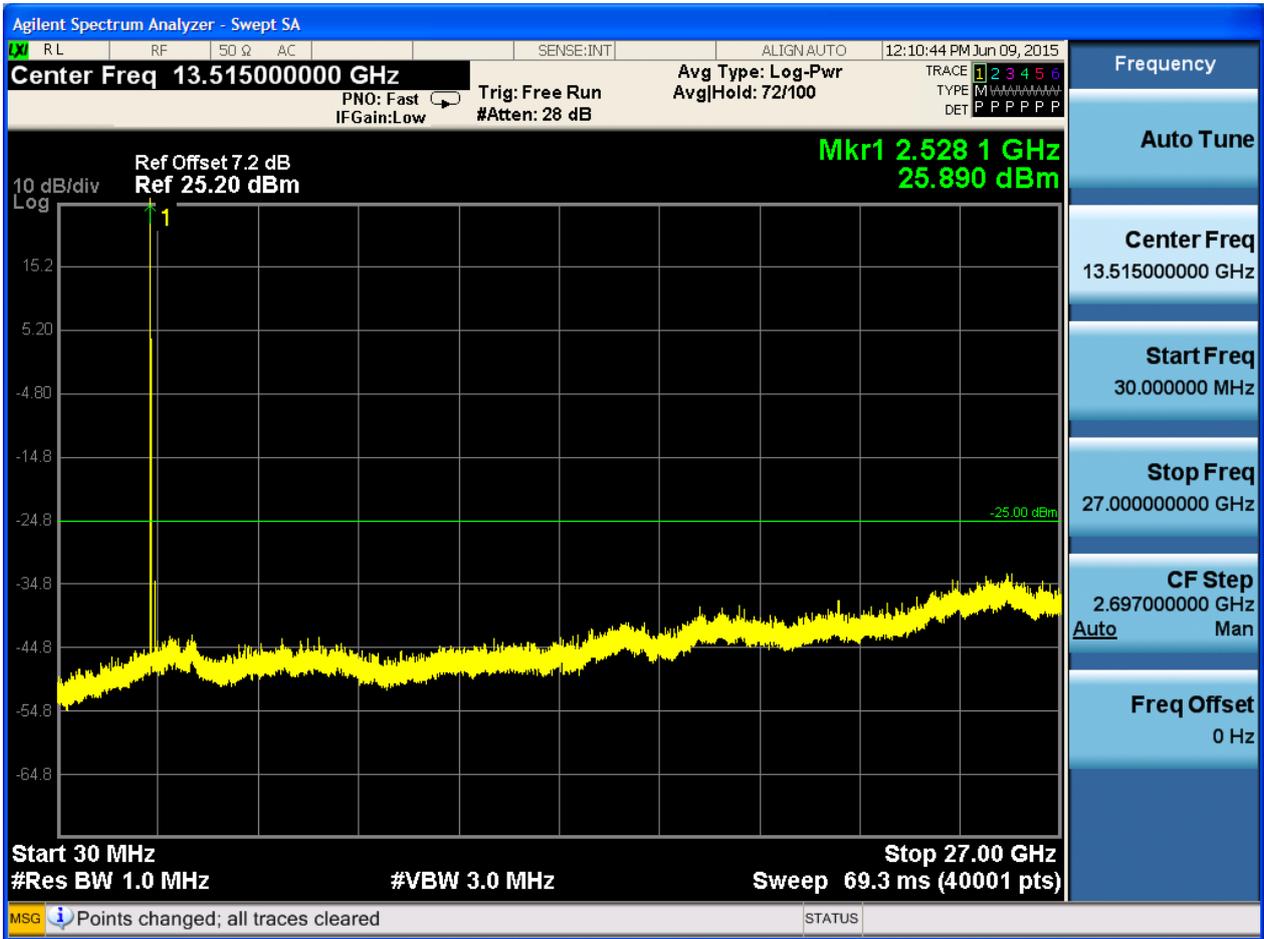


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



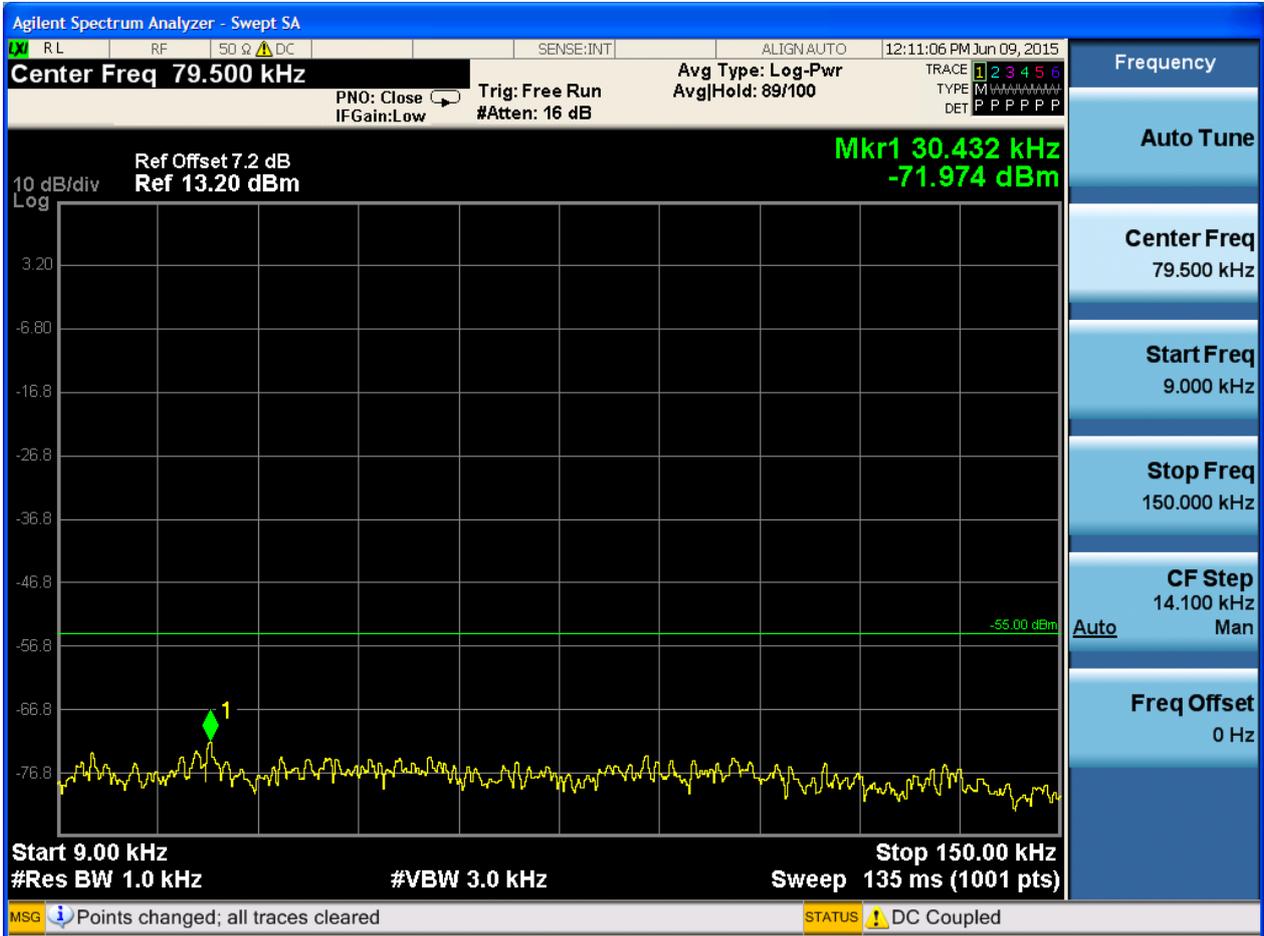


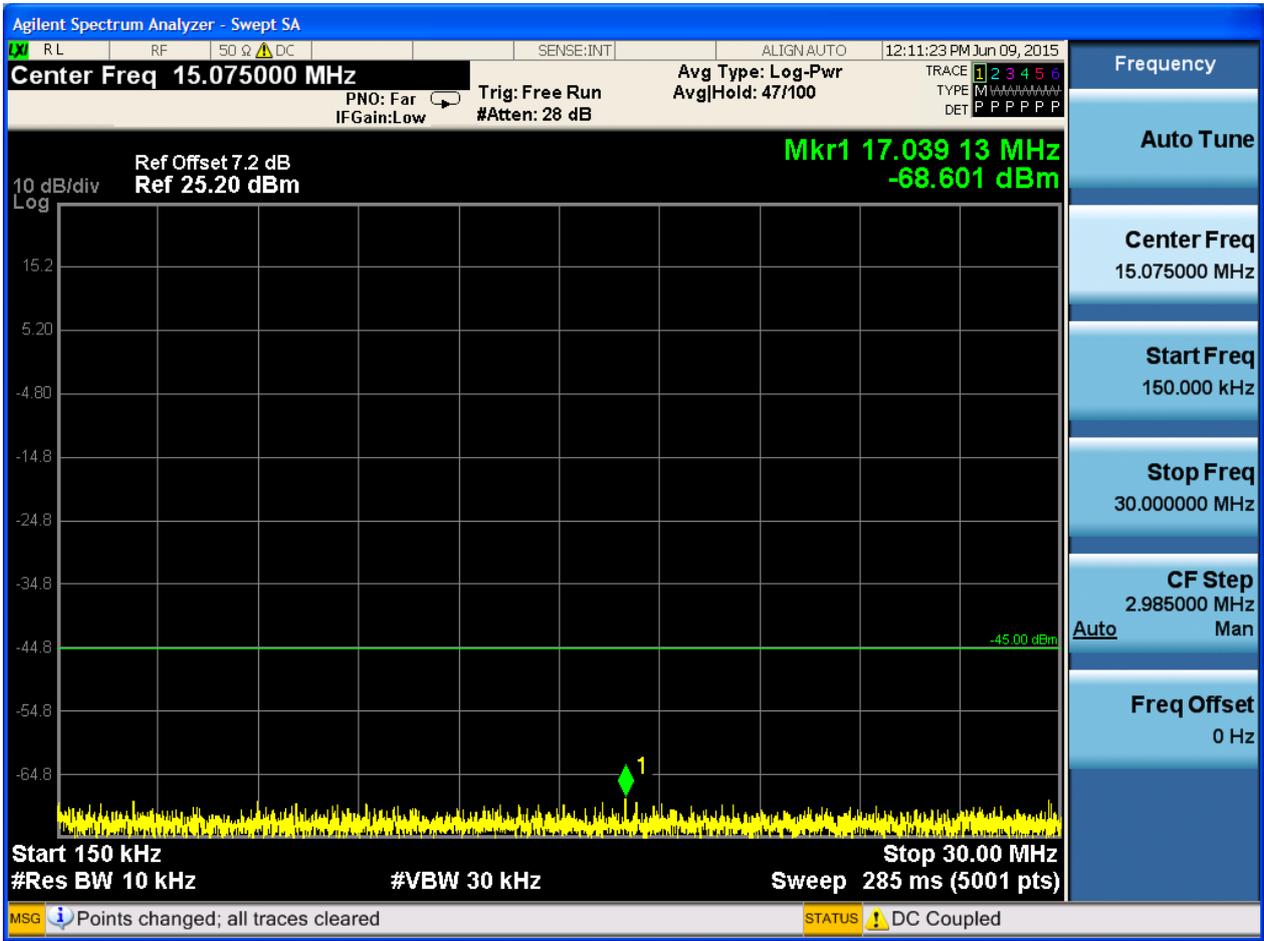


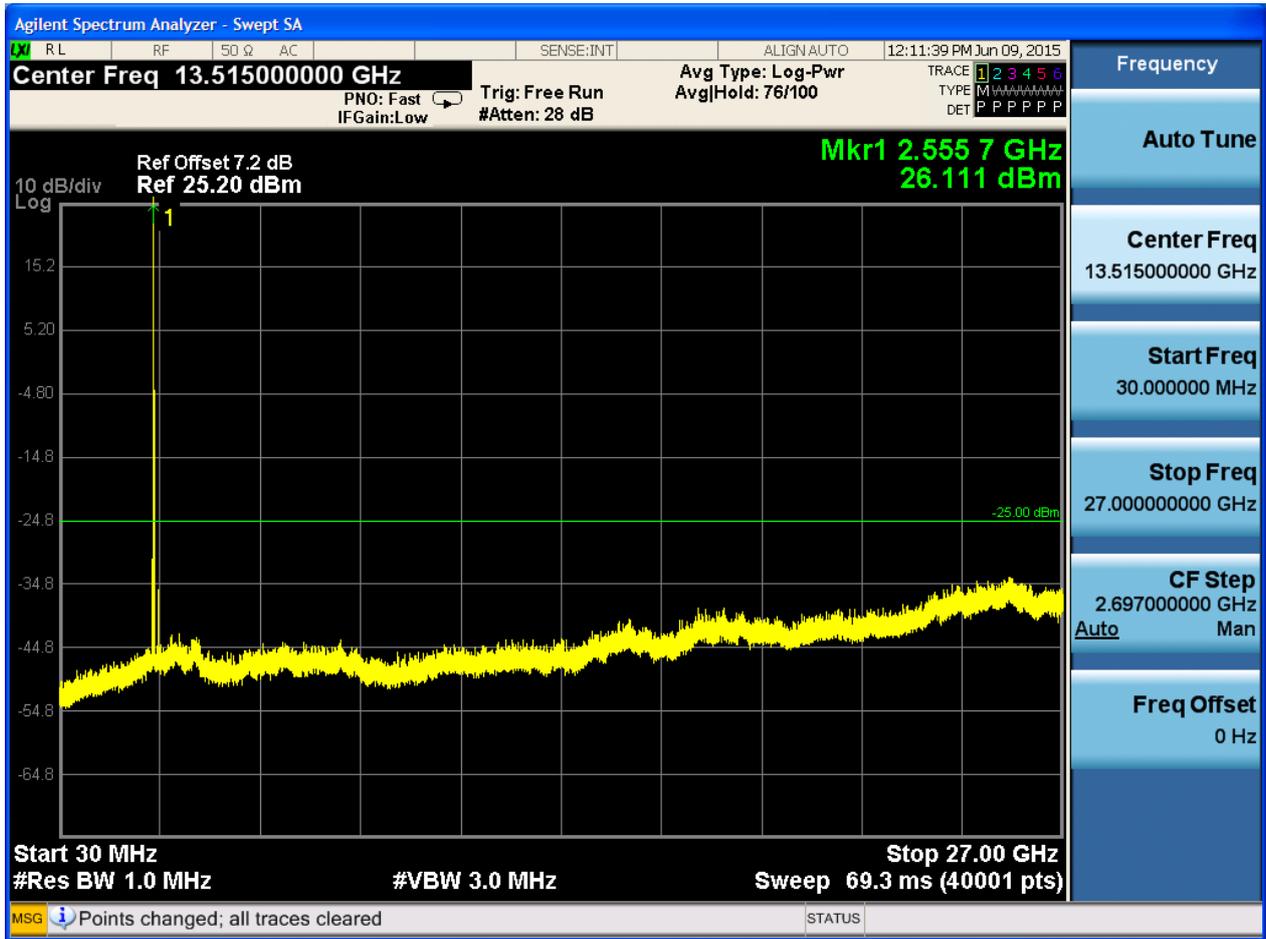


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





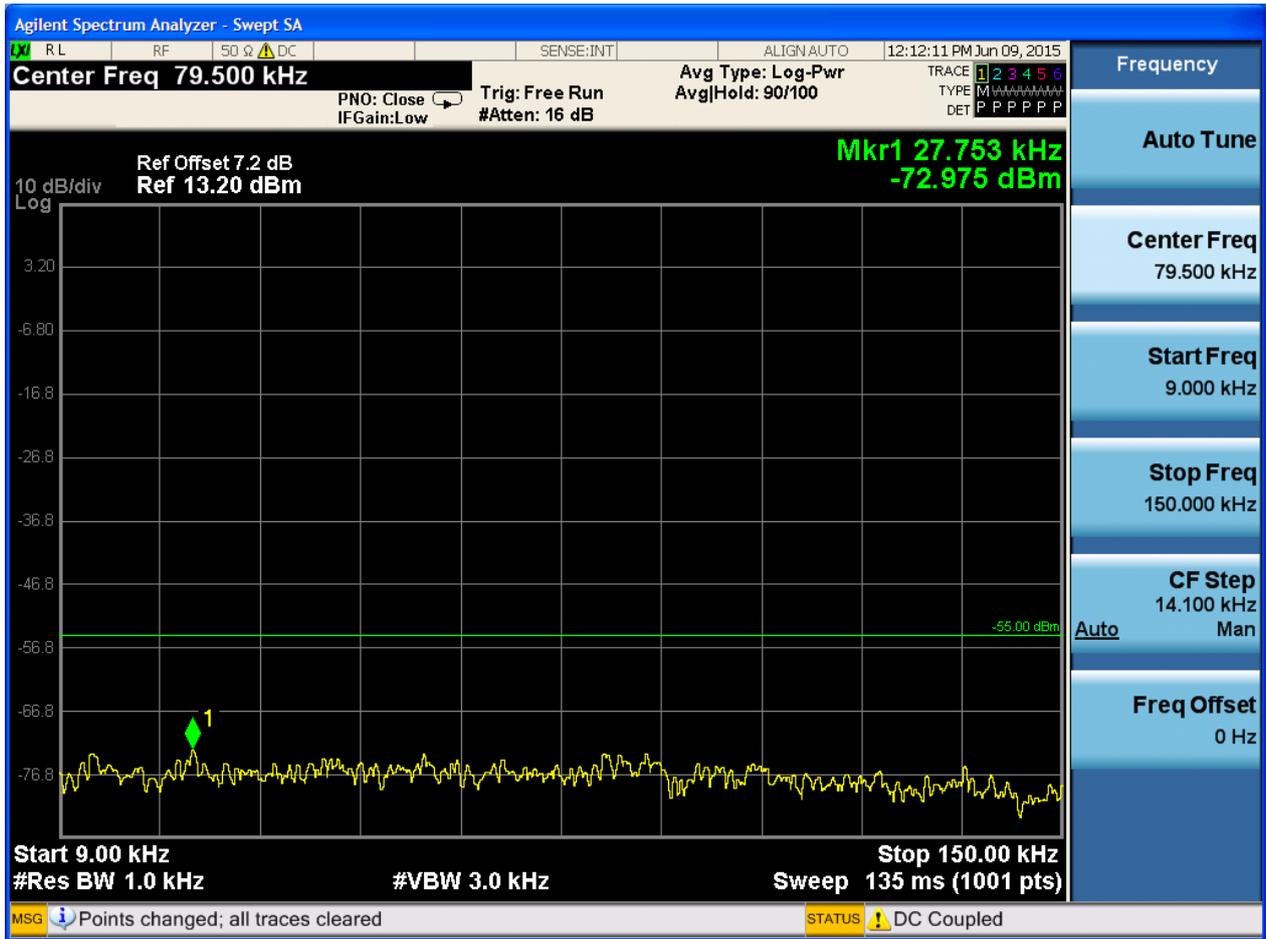


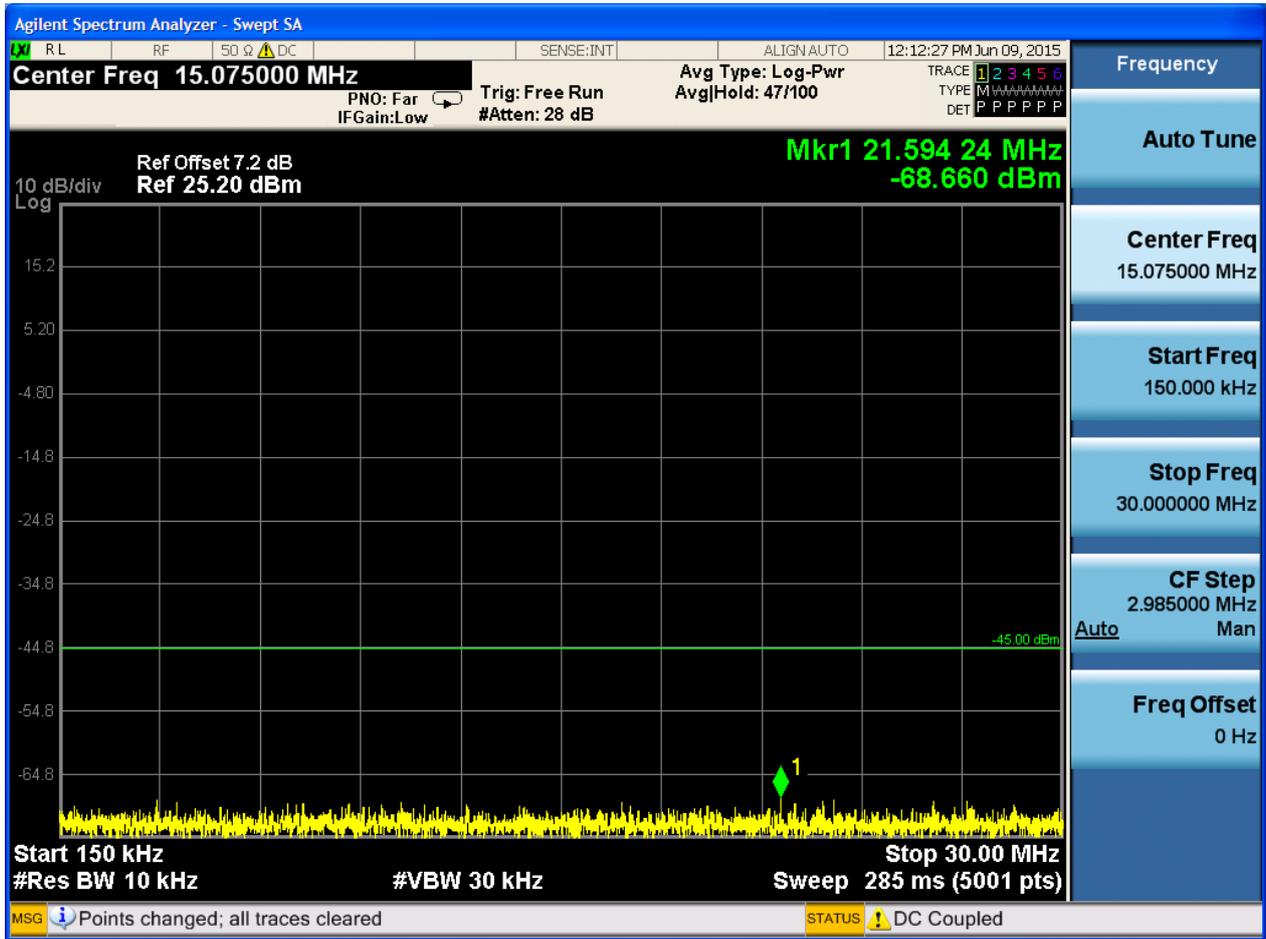


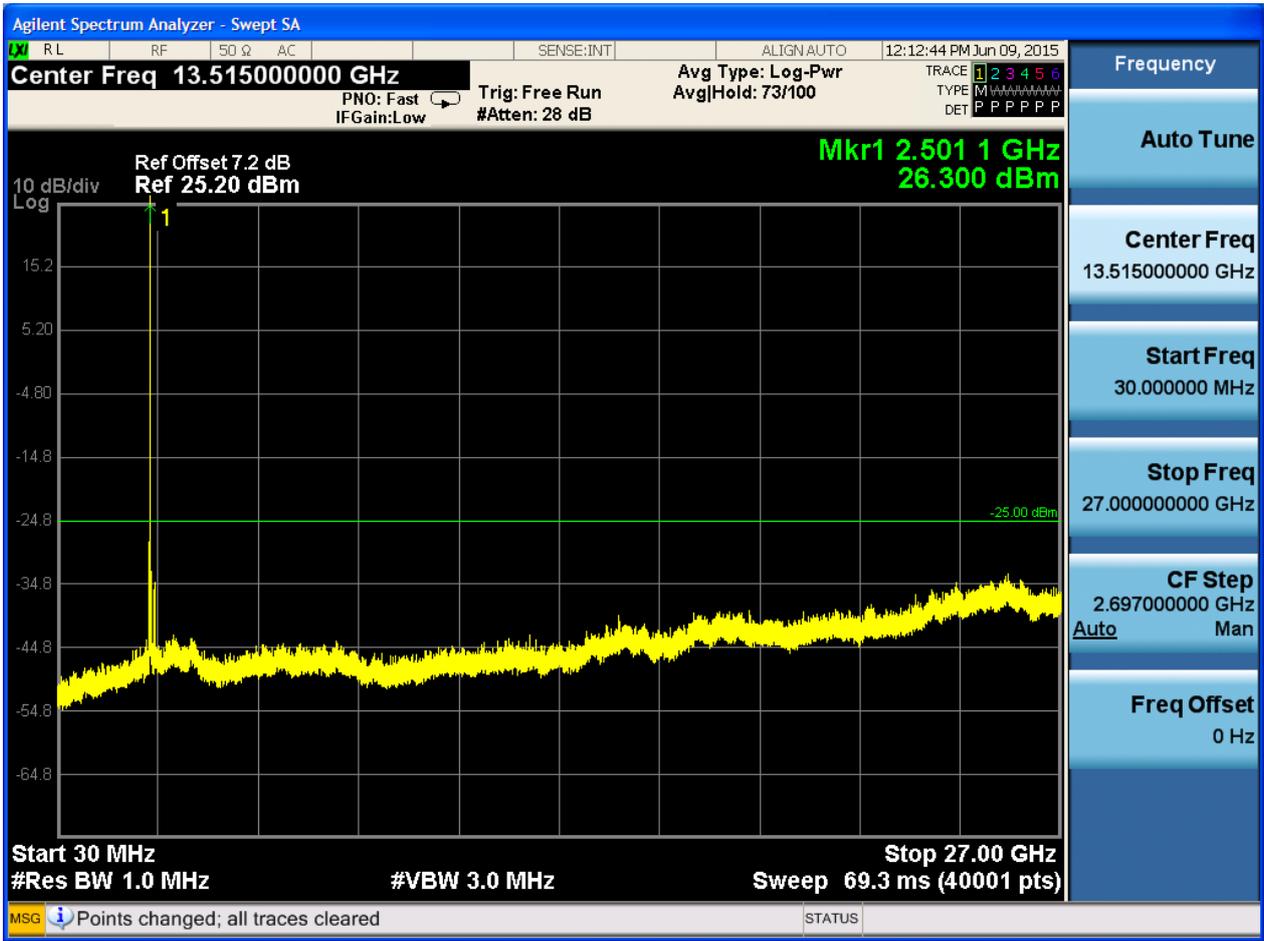
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



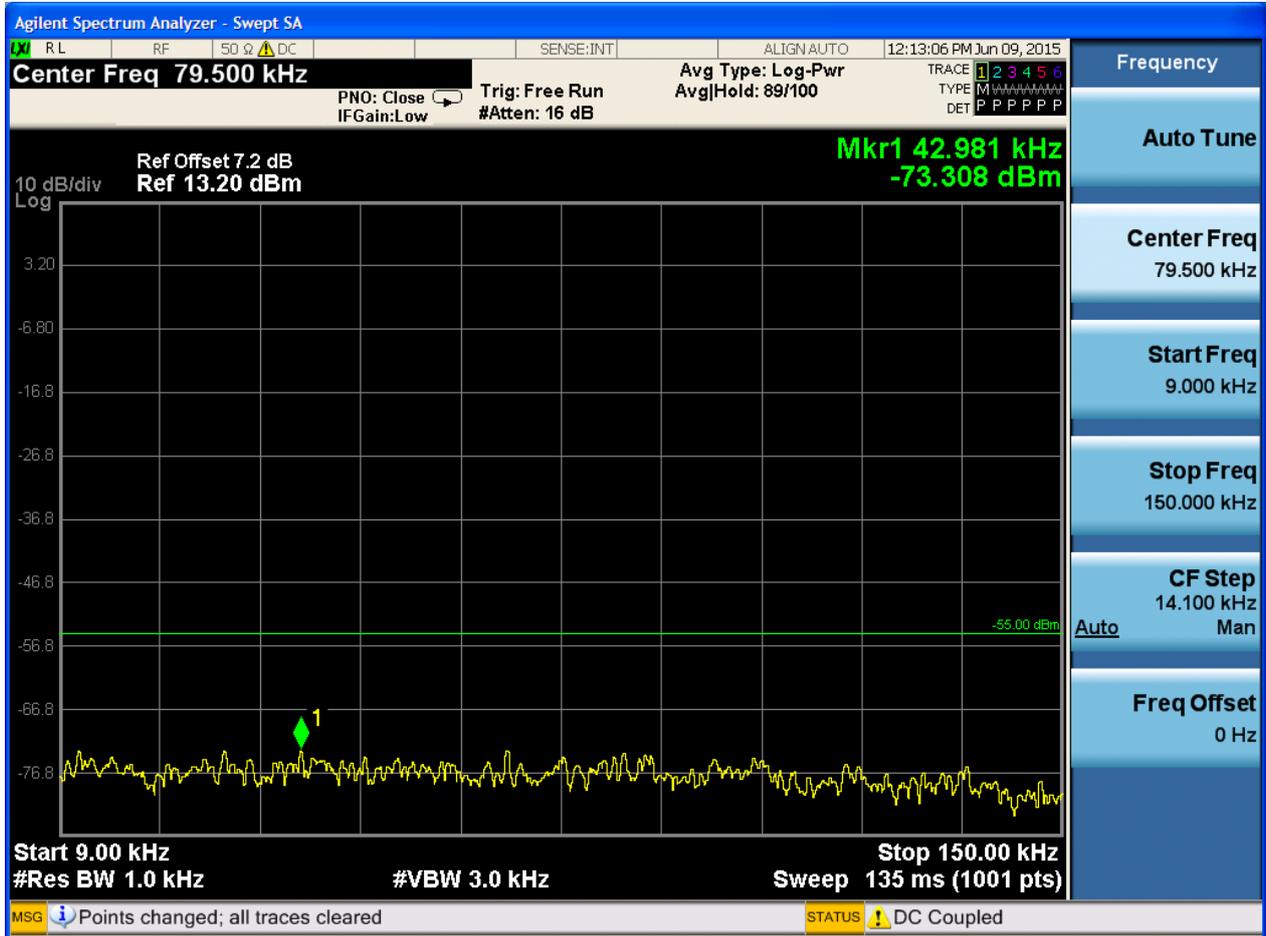




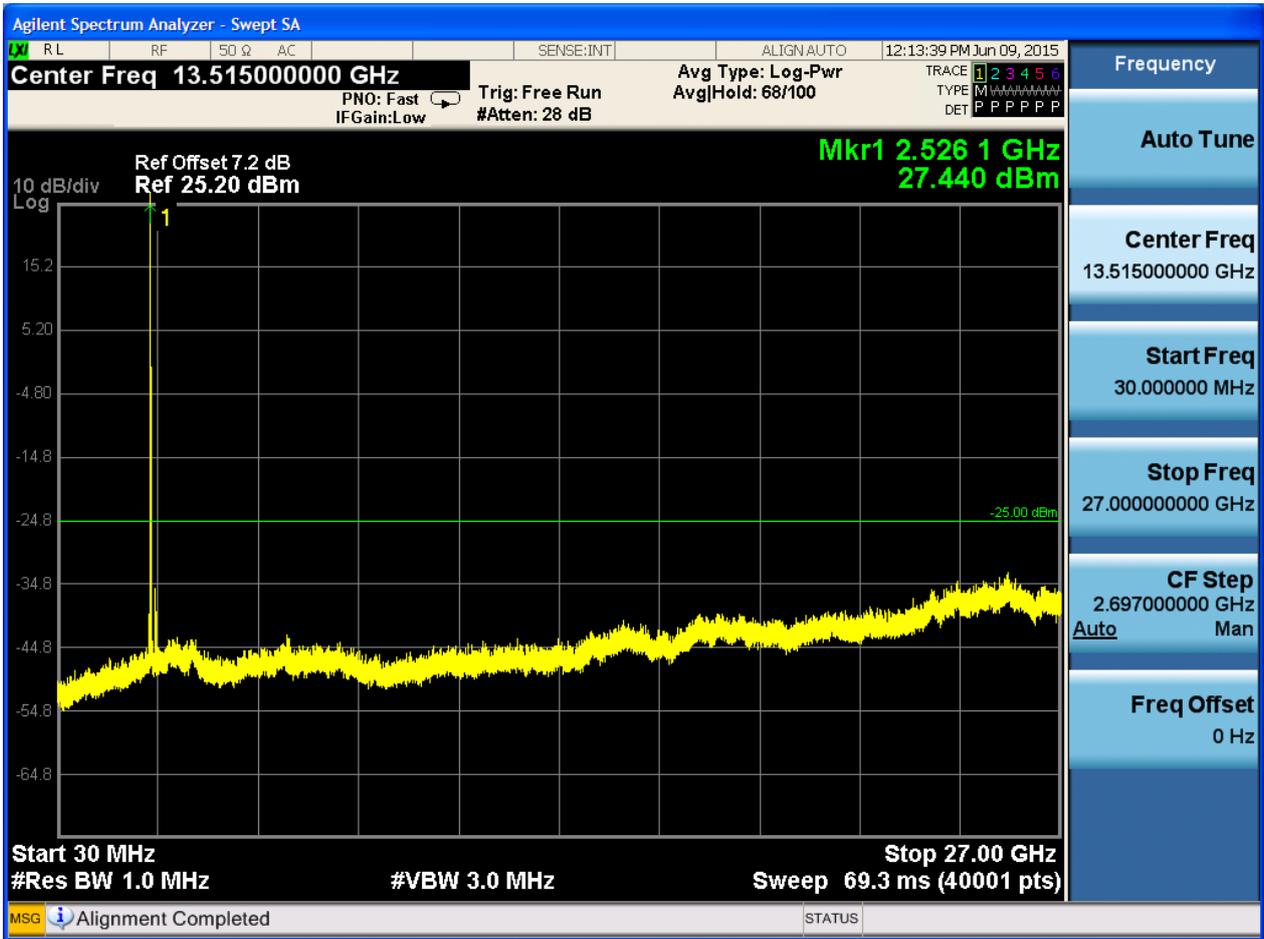


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



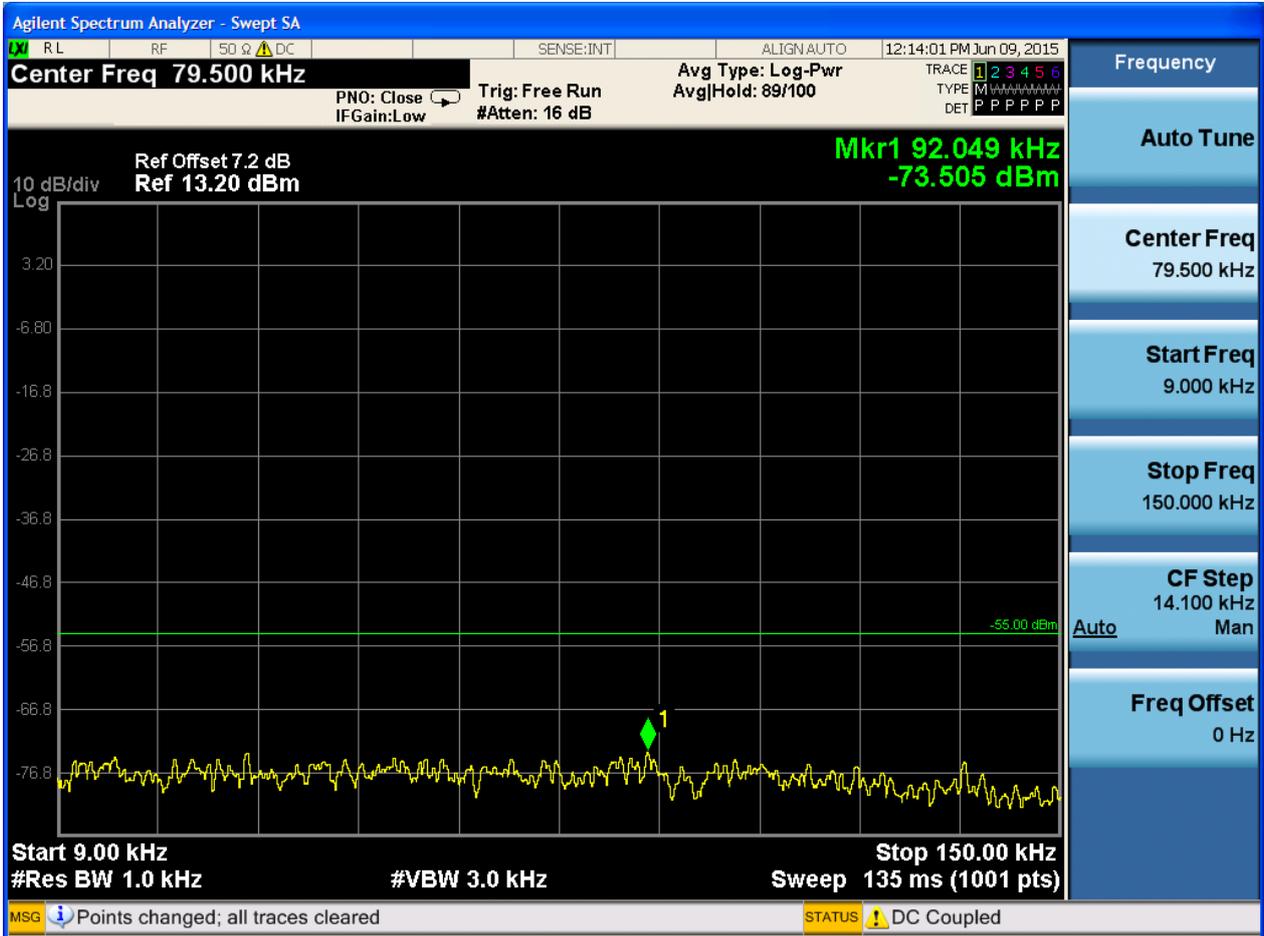




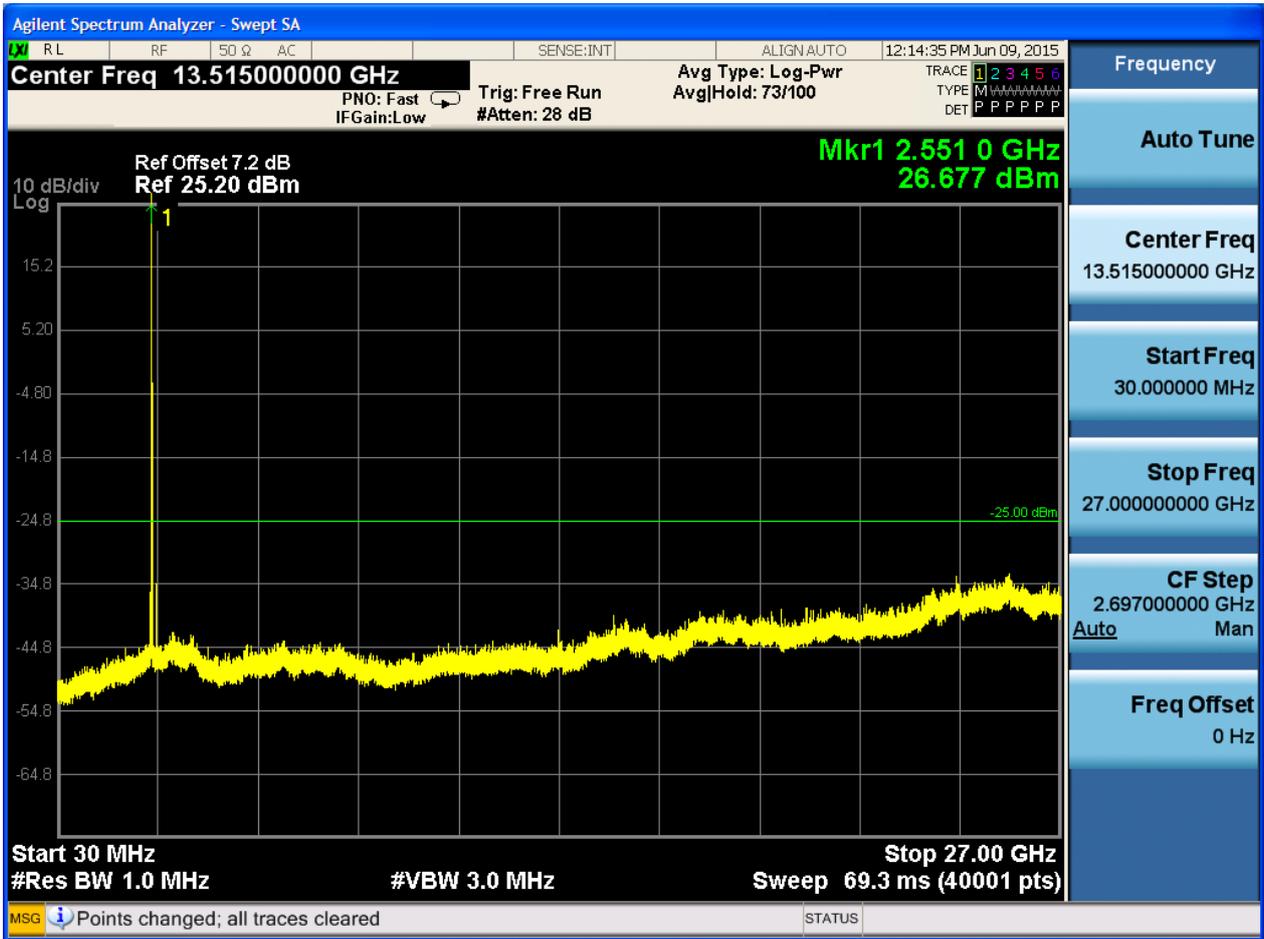


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

No peak found in the Test Range of “9 kHz to 30MHz”

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

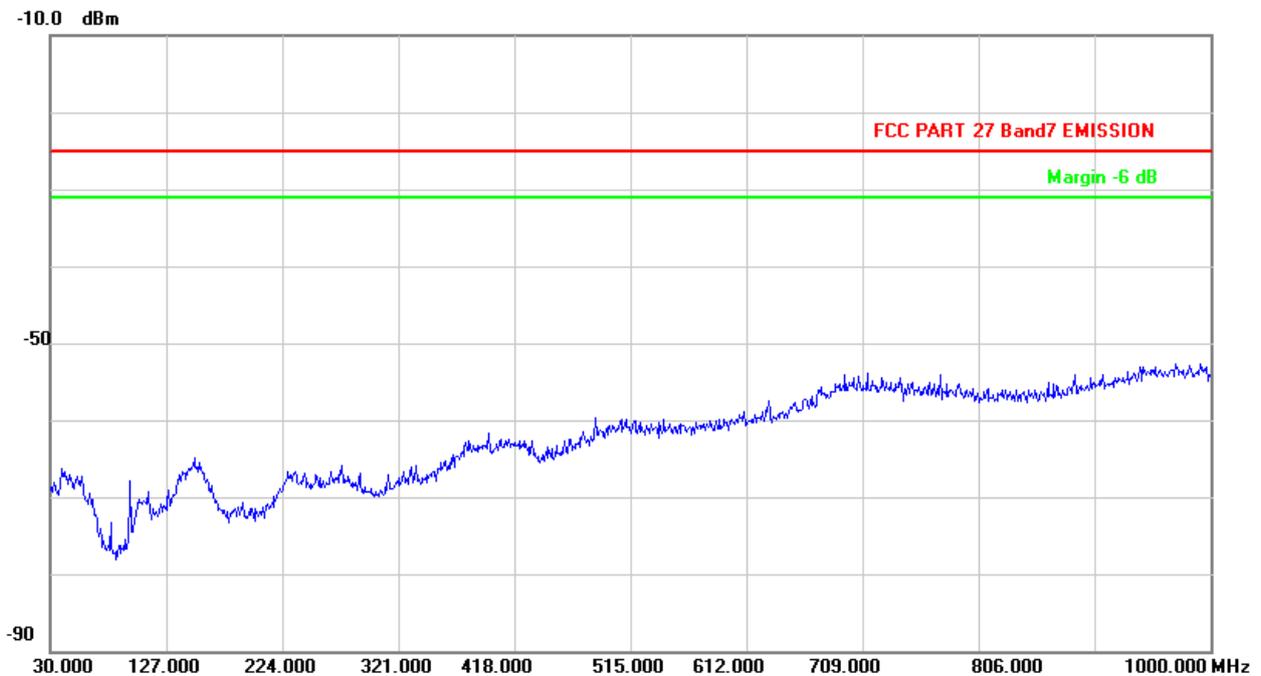
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

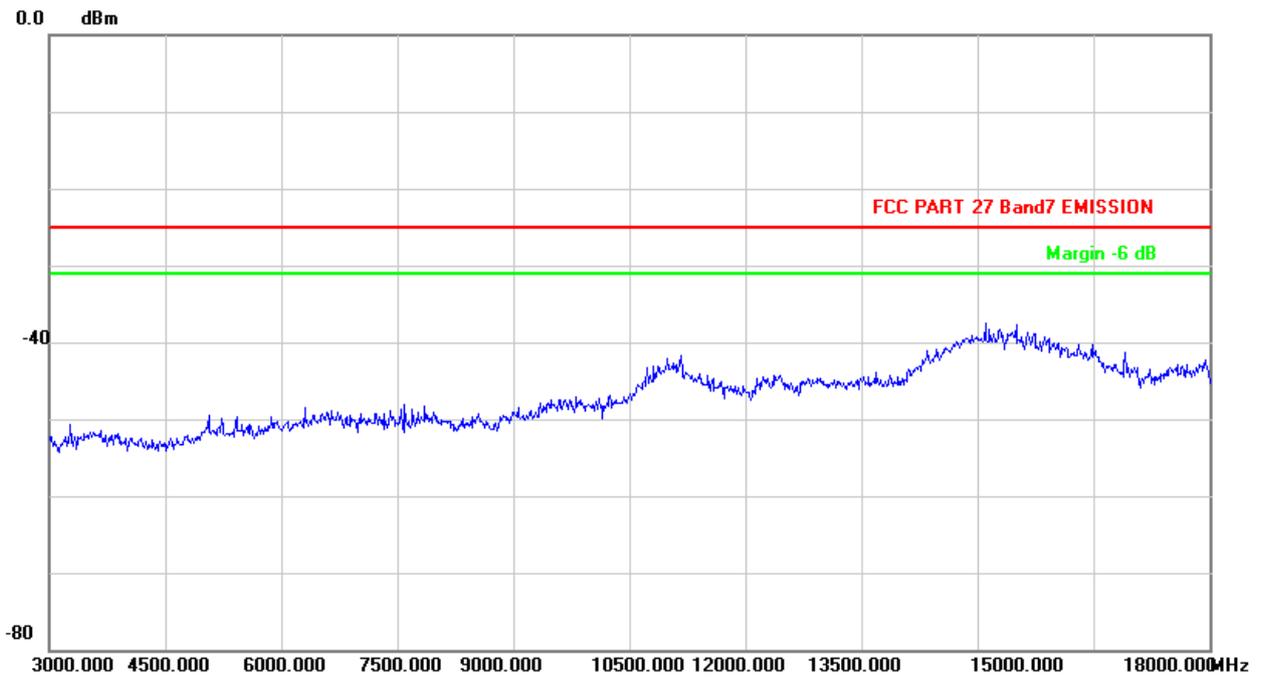
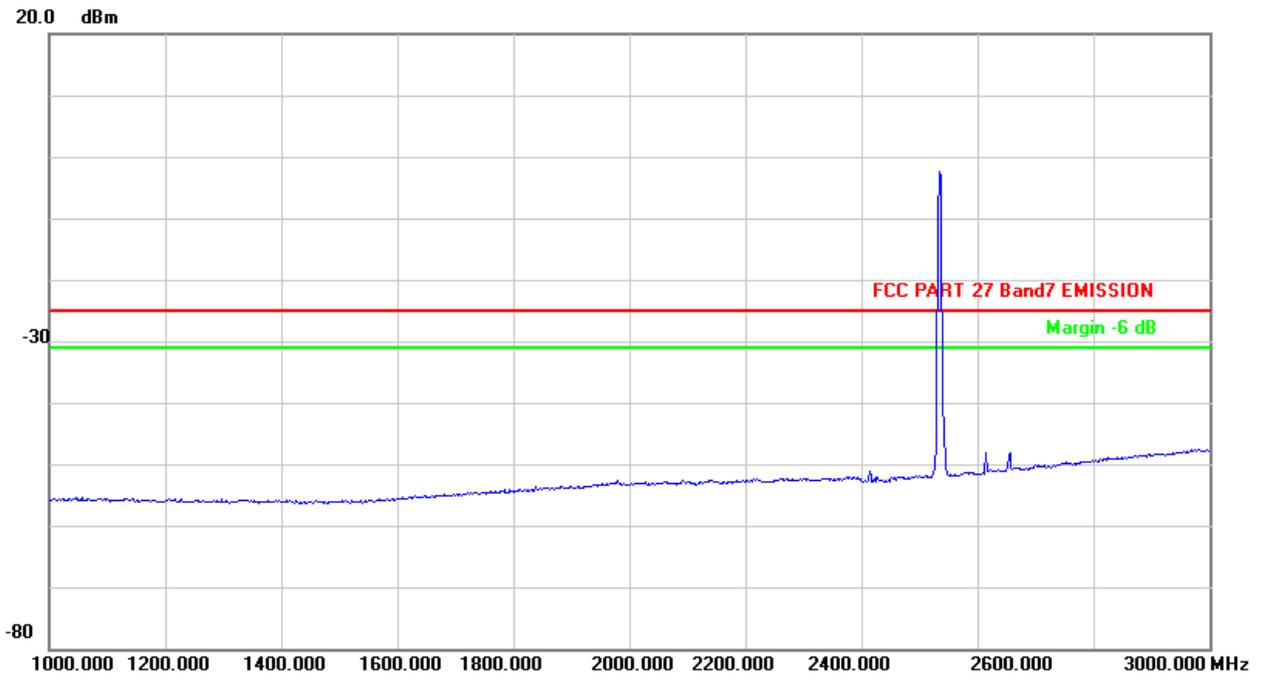
Part I - Test Plots

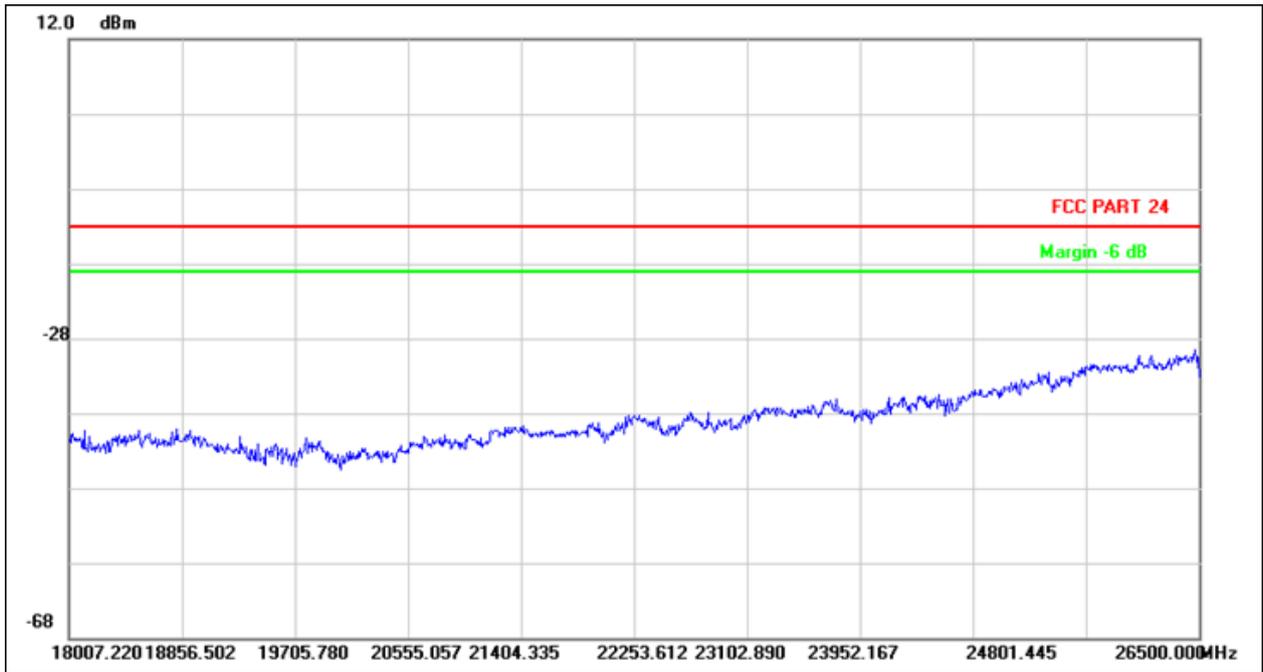
7.1 For LTE

7.1.1 Test Band = BAND7

7.1.1.1 Test Bandwidth = 5

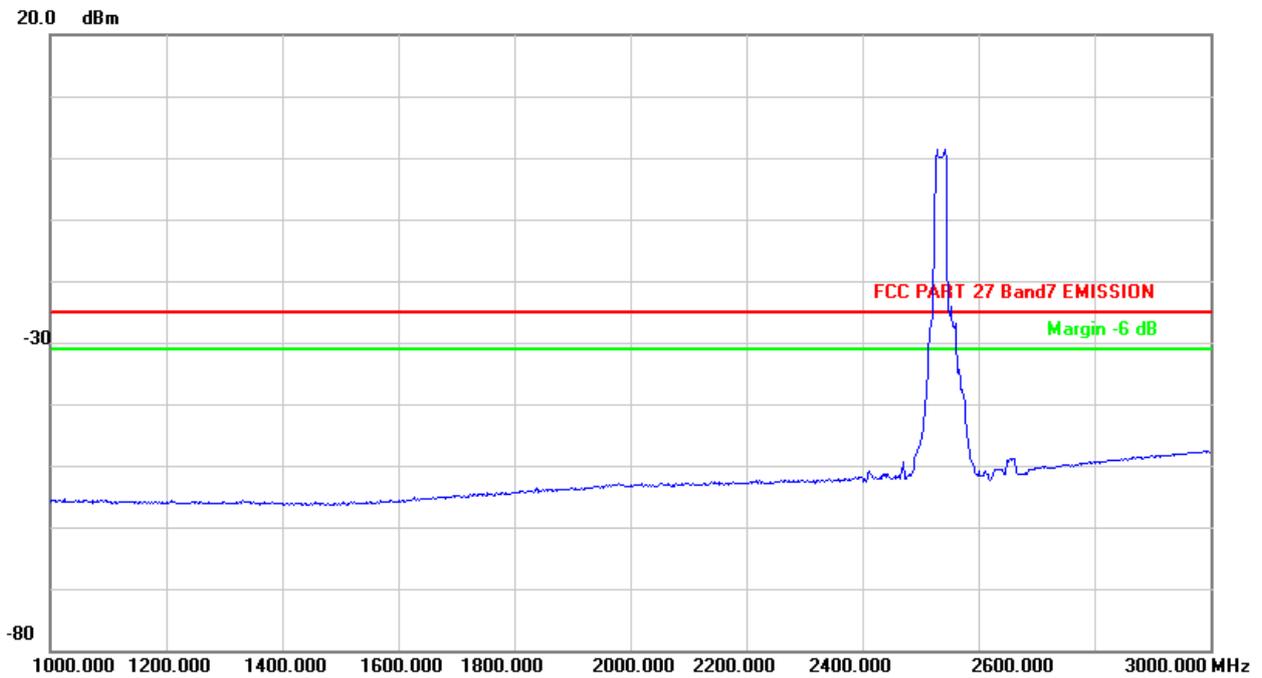
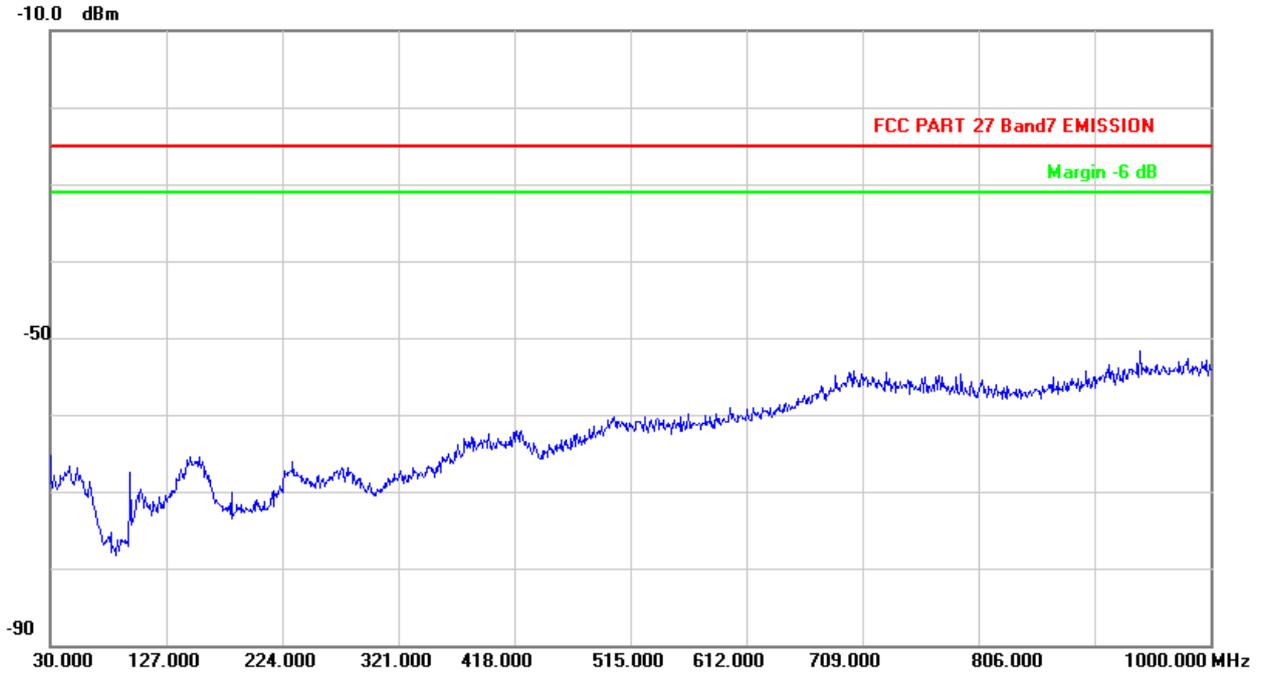


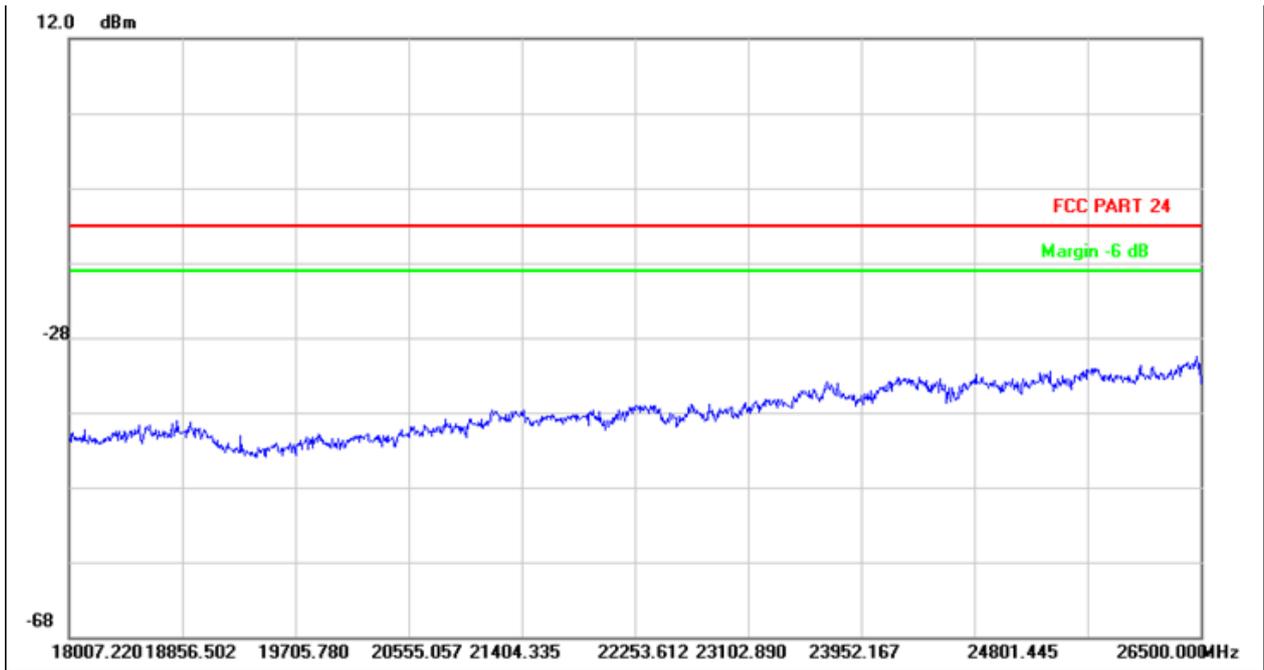
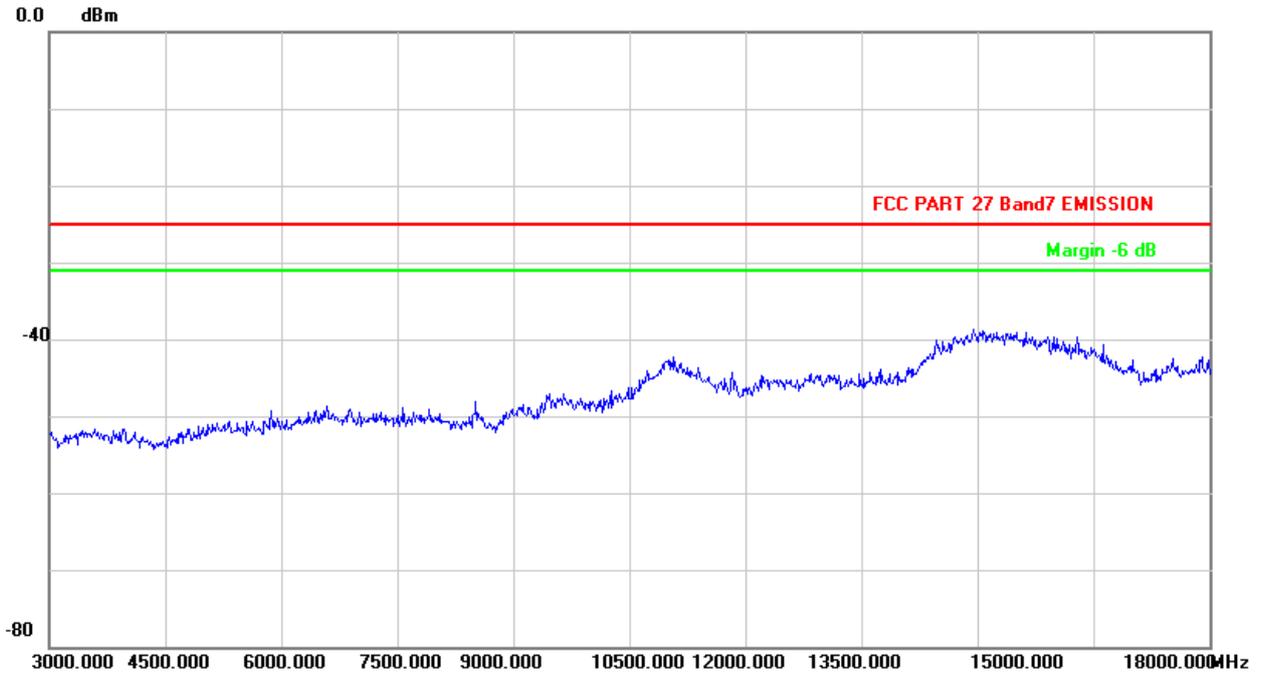






7.1.1.2 Test Bandwidth = 20





8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND7 | LTE/TM1 | 5 | LCH | TN | VL | -2.69 | -0.00107 | PASS |
| | | | | | VN | -3.16 | -0.00126 | PASS |
| | | | | | VH | 0.62 | 0.00025 | PASS |
| | | | MCH | TN | VL | -0.6 | -0.00024 | PASS |
| | | | | | VN | 1.26 | 0.0005 | PASS |
| | | | | | VH | -2.49 | -0.00097 | PASS |
| | | | HCH | TN | VL | -2.73 | -0.00106 | PASS |
| | | | | | VN | -1.69 | -0.00066 | PASS |
| | | | | | VH | -1.54 | -0.0006 | PASS |
| | | 10 | LCH | TN | VL | 0.26 | 0.0001 | PASS |
| | | | | | VN | -3.18 | -0.00127 | PASS |
| | | | | | VH | 0.43 | 0.00017 | PASS |
| | | | MCH | TN | VL | 1.85 | 0.00073 | PASS |
| | | | | | VN | -1.69 | -0.00067 | PASS |
| | | | | | VH | -4.68 | -0.00185 | PASS |
| | | | HCH | TN | VL | -0.6 | -0.00023 | PASS |
| | | | | | VN | -4.81 | -0.00188 | PASS |
| | | | | | VH | -4.53 | -0.00177 | PASS |
| | | 15 | LCH | TN | VL | -4.45 | -0.00177 | PASS |
| | | | | | VN | -5.31 | -0.00212 | PASS |
| | | | | | VH | -2.53 | -0.00101 | PASS |
| | | | MCH | TN | VL | 1.22 | 0.00048 | PASS |
| | | | | | VN | 1.99 | 0.00079 | PASS |
| | | | | | VH | -0.19 | -0.00007 | PASS |
| | | | HCH | TN | VL | -0.73 | -0.00028 | PASS |
| | | | | | VN | 3.45 | 0.00135 | PASS |
| | | | | | VH | 1.66 | 0.00065 | PASS |
| 20 | LCH | TN | VL | 0.47 | 0.00019 | PASS | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|----------|----------|------|
| | | | | | VN | 1.93 | 0.00077 | PASS | | |
| | | | | | VH | 1.66 | 0.00066 | PASS | | |
| | | | | | VL | -3.53 | -0.00139 | PASS | | |
| | | | MCH | TN | VN | -1.14 | -0.00045 | PASS | | |
| | | | | | VH | 1.56 | 0.00062 | PASS | | |
| | | | | | VL | 2.46 | 0.00096 | PASS | | |
| | | HCH | TN | VN | 1.36 | 0.00053 | PASS | | | |
| | | | | VH | 3.09 | 0.00121 | PASS | | | |
| | | | | VL | -3.53 | -0.00141 | PASS | | | |
| | | LTE/TM2 | 5 | LCH | TN | VN | -4.99 | -0.00199 | PASS | |
| | | | | | | VH | 6.29 | 0.00251 | PASS | |
| | | | | | | VL | -0.34 | -0.00013 | PASS | |
| | MCH | | | | | TN | VN | -3.68 | -0.00145 | PASS |
| | | | | | | | VH | 1.99 | 0.00079 | PASS |
| | | | | | | | VL | -3.82 | -0.00149 | PASS |
| | HCH | | | TN | VN | -0.92 | -0.00036 | PASS | | |
| | | | | | VH | -2.49 | -0.00097 | PASS | | |
| | | | | | VL | -1.65 | -0.00066 | PASS | | |
| | 10 | | | LCH | TN | VN | 2.88 | 0.00115 | PASS | |
| | | | | | | VH | 1.17 | 0.00047 | PASS | |
| | | | | | | VL | -2.36 | -0.00093 | PASS | |
| | | | MCH | TN | VN | 4.65 | 0.00183 | PASS | | |
| | | | | | VH | 1.5 | 0.00059 | PASS | | |
| | | | | | VL | 0.62 | 0.00024 | PASS | | |
| | HCH | | TN | VN | 5.97 | 0.00233 | PASS | | | |
| | | | | VH | -1.52 | -0.00059 | PASS | | | |
| | | | | VL | -6.79 | -0.00271 | PASS | | | |
| | 15 | | LCH | TN | VN | -3.93 | -0.00157 | PASS | | |
| | | | | | VH | -5.95 | -0.00237 | PASS | | |
| | | | | | VL | 0.19 | 0.00007 | PASS | | |
| | | | MCH | TN | VN | 0.99 | 0.00039 | PASS | | |
| | | | | | VH | 0.11 | 0.00004 | PASS | | |
| | | | | | VL | 0.97 | 0.00038 | PASS | | |
| | | HCH | TN | VN | -1.26 | -0.00049 | PASS | | | |
| | | | | VH | 3.78 | 0.00148 | PASS | | | |
| | | | | VL | 0.51 | 0.0002 | PASS | | | |
| | 20 | LCH | TN | VN | 3.48 | 0.00139 | PASS | | | |
| | | | | VH | -3.81 | -0.00152 | PASS | | | |
| | | | | VL | -0.62 | -0.00024 | PASS | | | |
| | | | | MCH | TN | VL | -0.62 | -0.00024 | PASS | |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| | | | | | VN | -0.34 | -0.00013 | PASS |
| | | | | | VH | -1.44 | -0.00057 | PASS |
| | | | HCH | TN | VL | -0.73 | -0.00029 | PASS |
| | | | | | VN | 0.43 | 0.00017 | PASS |
| | | | | | VH | -0.53 | -0.00021 | PASS |

8.1.2 Frequency Error vs. Voltage:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND7 | LTE/TM1 | 5 | LCH | VN | -30 | 0.17 | 0.00007 | PASS |
| | | | | | -20 | -1.39 | -0.00056 | PASS |
| | | | | | -10 | -1.07 | -0.00043 | PASS |
| | | | | | 0 | 1.87 | 0.00075 | PASS |
| | | | | | 10 | -7.18 | -0.00287 | PASS |
| | | | | | 20 | -0.34 | -0.00014 | PASS |
| | | | | | 30 | -0.14 | -0.00006 | PASS |
| | | | | | 40 | 3.88 | 0.00155 | PASS |
| | | | 50 | -1.37 | -0.00055 | PASS | | |
| | | | MCH | VN | -30 | -0.49 | -0.00019 | PASS |
| | | | | | -20 | 1.39 | 0.00055 | PASS |
| | | | | | -10 | -2.05 | -0.00081 | PASS |
| | | | | | 0 | -0.21 | -0.00008 | PASS |
| | | | | | 10 | 1.66 | 0.00065 | PASS |
| | | | | | 20 | -0.82 | -0.00032 | PASS |
| | | | | | 30 | -1.5 | -0.00059 | PASS |
| | | | | | 40 | 3.66 | 0.00144 | PASS |
| | | | 50 | -3.18 | -0.00125 | PASS | | |
| | | | HCH | VN | -30 | -0.39 | -0.00015 | PASS |
| | | | | | -20 | -2.56 | -0.001 | PASS |
| | | | | | -10 | -1.93 | -0.00075 | PASS |
| | | | | | 0 | -2.53 | -0.00099 | PASS |
| | | | | | 10 | 3.71 | 0.00144 | PASS |
| | | | | | 20 | -1.7 | -0.00066 | PASS |
| | | | | | 30 | -2.68 | -0.00104 | PASS |
| | | | | | 40 | 0.66 | 0.00026 | PASS |
| | | | 50 | -4.72 | -0.00184 | PASS | | |
| | | 10 | LCH | VN | -30 | -0.3 | -0.00012 | PASS |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|----------|------|
| | | | | | -20 | 0.31 | 0.00012 | PASS | |
| | | | | | -10 | -1.7 | -0.00066 | PASS | |
| | | | | | 0 | 1.56 | 0.00062 | PASS | |
| | | | | | 10 | -5.54 | -0.00221 | PASS | |
| | | | | | 20 | -1.46 | -0.00058 | PASS | |
| | | | | | 30 | 1.36 | 0.00054 | PASS | |
| | | | | | 40 | -2.92 | -0.00117 | PASS | |
| | | | | | 50 | 2.47 | 0.00099 | PASS | |
| | | | MCH | VN | -30 | 0.72 | 0.00028 | PASS | |
| | | | | | -20 | 1.2 | 0.00047 | PASS | |
| | | | | | -10 | 1.37 | 0.00054 | PASS | |
| | | | | | 0 | -3.46 | -0.00136 | PASS | |
| | | | | | 10 | 0.62 | 0.00024 | PASS | |
| | | | | | 20 | 3.09 | 0.00122 | PASS | |
| | | | | | 30 | 2.35 | 0.00093 | PASS | |
| | | | | | 40 | -2.29 | -0.0009 | PASS | |
| | | | HCH | VN | -30 | -0.51 | -0.0002 | PASS | |
| | | | | | -20 | 0.84 | 0.00033 | PASS | |
| | | | | | -10 | -0.46 | -0.00018 | PASS | |
| | | | | | 0 | 0.27 | 0.00011 | PASS | |
| | | | | | 10 | -0.24 | -0.00009 | PASS | |
| | | | | | 20 | 1.39 | 0.00054 | PASS | |
| | | | | | 30 | -2.02 | -0.00079 | PASS | |
| | | | | | 40 | -2.33 | -0.00091 | PASS | |
| | | | 15 | LCH | VN | -30 | 0.07 | 0.00003 | PASS |
| | | | | | | -20 | -0.66 | -0.00026 | PASS |
| | | | | | | -10 | -1.33 | -0.00053 | PASS |
| | | | | | | 0 | 0.37 | 0.00015 | PASS |
| | | 10 | | | | -2.43 | -0.00097 | PASS | |
| | | 20 | | | | -1.54 | -0.00061 | PASS | |
| | | 30 | | | | 3.33 | 0.00133 | PASS | |
| | | 40 | | | | -0.66 | -0.00026 | PASS | |
| | | 50 | | -0.47 | -0.00019 | PASS | | | |
| | | MCH | | VN | -30 | -1.96 | -0.00077 | PASS | |
| | | | | | -20 | 1.59 | 0.00063 | PASS | |
| | | | | | -10 | -0.2 | -0.00008 | PASS | |
| | | | 0 | | 1.9 | 0.00075 | PASS | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|----------|------|
| | | | | | 10 | 0.4 | 0.00016 | PASS | | |
| | | | | | 20 | -1.9 | -0.00075 | PASS | | |
| | | | | | 30 | -0.16 | -0.00006 | PASS | | |
| | | | | | 40 | 0 | 0 | PASS | | |
| | | | | | 50 | 0.37 | 0.00015 | PASS | | |
| | | | HCH | VN | -30 | -1.32 | -0.00052 | PASS | | |
| | | | | | -20 | 3.42 | 0.00133 | PASS | | |
| | | | | | -10 | 3.13 | 0.00122 | PASS | | |
| | | | | | 0 | 0.8 | 0.00031 | PASS | | |
| | | | | | 10 | -0.83 | -0.00032 | PASS | | |
| | | | | | 20 | -0.17 | -0.00007 | PASS | | |
| | | | | | 30 | 1.69 | 0.00066 | PASS | | |
| | | | | | 40 | 1.86 | 0.00073 | PASS | | |
| | | | | | 50 | 4.06 | 0.00158 | PASS | | |
| | | | | | LCH | VN | -30 | 2.78 | 0.00111 | PASS |
| | | | | | | | -20 | -0.47 | -0.00019 | PASS |
| | | | | | | | -10 | 4.73 | 0.00188 | PASS |
| | | | | | | | 0 | -3.1 | -0.00124 | PASS |
| | | 10 | 3.91 | 0.00156 | | | PASS | | | |
| | | 20 | 3.16 | 0.00126 | | | PASS | | | |
| | | 30 | 3.5 | 0.00139 | | | PASS | | | |
| | | 40 | 0.04 | 0.00002 | | | PASS | | | |
| | | 50 | 2.78 | 0.00111 | | | PASS | | | |
| | | MCH | VN | -30 | 2.62 | 0.00103 | PASS | | | |
| | | | | -20 | 2.75 | 0.00108 | PASS | | | |
| | | | | -10 | -1.07 | -0.00042 | PASS | | | |
| | | | | 0 | 0.46 | 0.00018 | PASS | | | |
| | | | | 10 | -0.23 | -0.00009 | PASS | | | |
| | | | | 20 | 3.09 | 0.00122 | PASS | | | |
| | | | | 30 | -4.88 | -0.00193 | PASS | | | |
| | | | | 40 | 0.92 | 0.00036 | PASS | | | |
| | | | | 50 | 0.77 | 0.0003 | PASS | | | |
| | | HCH | VN | -30 | -1.42 | -0.00055 | PASS | | | |
| | | | | -20 | 0.76 | 0.0003 | PASS | | | |
| | | | | -10 | -2.26 | -0.00088 | PASS | | | |
| | | | | 0 | -4.29 | -0.00168 | PASS | | | |
| 10 | 1.87 | | | 0.00073 | PASS | | | | | |
| 20 | 0.26 | | | 0.0001 | PASS | | | | | |
| 30 | -3.13 | | | -0.00122 | PASS | | | | | |
| 20 | | | | | | | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| | LTE/TM2 | 5 | LCH | VN | 40 | -1.32 | -0.00052 | PASS |
| | | | | | 50 | 0.14 | 0.00005 | PASS |
| | | | | | -30 | 0.06 | 0.00002 | PASS |
| | | | | | -20 | -0.43 | -0.00017 | PASS |
| | | | | | -10 | 11.37 | 0.00454 | PASS |
| | | | | | 0 | -12.3 | -0.00492 | PASS |
| | | | | | 10 | -12.04 | -0.00481 | PASS |
| | | | | | 20 | -12.92 | -0.00516 | PASS |
| | | | | | 30 | -2.45 | -0.00098 | PASS |
| | | | | | 40 | 1.92 | 0.00077 | PASS |
| | | | 50 | -3.92 | -0.00157 | PASS | | |
| | | | MCH | VN | -30 | -2.36 | -0.00093 | PASS |
| | | | | | -20 | 4.03 | 0.00159 | PASS |
| | | | | | -10 | 5.82 | 0.0023 | PASS |
| | | | | | 0 | -1.32 | -0.00052 | PASS |
| | | | | | 10 | 1.54 | 0.00061 | PASS |
| | | | | | 20 | 1.6 | 0.00063 | PASS |
| | | | | | 30 | 2.49 | 0.00098 | PASS |
| | | | | | 40 | -3.72 | -0.00147 | PASS |
| | | | | | 50 | -0.92 | -0.00036 | PASS |
| | | HCH | | | VN | -30 | -2.05 | -0.0008 |
| | | | -20 | -0.03 | | -0.00001 | PASS | |
| | | | -10 | -0.41 | | -0.00016 | PASS | |
| | | | 0 | -5.58 | | -0.00217 | PASS | |
| | | | 10 | -2.95 | | -0.00115 | PASS | |
| | | | 20 | -5.62 | | -0.00219 | PASS | |
| | | | 30 | 2.95 | | 0.00115 | PASS | |
| | | | 40 | -4.21 | | -0.00164 | PASS | |
| | | | 50 | 0.69 | | 0.00027 | PASS | |
| | | | 10 | LCH | | VN | -30 | 2.16 |
| | | -20 | | | 1.99 | | 0.00079 | PASS |
| | | -10 | | | -0.92 | | -0.00037 | PASS |
| | | 0 | | | 4.15 | | 0.00166 | PASS |
| | | 10 | | | 1.83 | | 0.00073 | PASS |
| | | 20 | | | -0.84 | | -0.00034 | PASS |
| | | 30 | | | 0.23 | | 0.00009 | PASS |
| | | 40 | | | 0.73 | | 0.00029 | PASS |
| | | 50 | | | -2.5 | | -0.001 | PASS |
| | | MCH | | | VN | | -30 | -3.55 |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|---------|------|
| | | | | | -20 | 0.93 | 0.00037 | PASS | | |
| | | | | | -10 | 0.07 | 0.00003 | PASS | | |
| | | | | | 0 | -1.95 | -0.00077 | PASS | | |
| | | | | | 10 | 50 | 0.01972 | PASS | | |
| | | | | | 20 | 2.22 | 0.00088 | PASS | | |
| | | | | | 30 | 1.67 | 0.00066 | PASS | | |
| | | | | | 40 | -3.89 | -0.00153 | PASS | | |
| | | | | | 50 | 2.56 | 0.00101 | PASS | | |
| | | | HCH | VN | -30 | 0.54 | 0.00021 | PASS | | |
| | | | | | -20 | 3.92 | 0.00153 | PASS | | |
| | | | | | -10 | 0.07 | 0.00003 | PASS | | |
| | | | | | 0 | -2.76 | -0.00108 | PASS | | |
| | | | | | 10 | 4.26 | 0.00166 | PASS | | |
| | | | | | 20 | 3.62 | 0.00141 | PASS | | |
| | | | | | 30 | 4.23 | 0.00165 | PASS | | |
| | | | | | 40 | 1.09 | 0.00042 | PASS | | |
| | | | LCH | VN | -30 | 3.08 | 0.00123 | PASS | | |
| | | | | | -20 | 0.26 | 0.0001 | PASS | | |
| | | | | | -10 | 1.96 | 0.00078 | PASS | | |
| | | | | | 0 | 0.46 | 0.00018 | PASS | | |
| | | 10 | | | -2.15 | -0.00086 | PASS | | | |
| | | 20 | | | 0.4 | 0.00016 | PASS | | | |
| | | 30 | | | 3.89 | 0.00155 | PASS | | | |
| | | 40 | | | 5.32 | 0.00212 | PASS | | | |
| | | MCH | VN | -30 | -3.06 | -0.00121 | PASS | | | |
| | | | | -20 | 0.66 | 0.00026 | PASS | | | |
| | | | | -10 | 3.55 | 0.0014 | PASS | | | |
| | | | | 0 | 1.75 | 0.00069 | PASS | | | |
| | | | | 10 | -2.96 | -0.00117 | PASS | | | |
| | | | | 20 | -1.03 | -0.00041 | PASS | | | |
| | | | | 30 | -0.2 | -0.00008 | PASS | | | |
| | | | | 40 | -1.2 | -0.00047 | PASS | | | |
| | | HCH | VN | 50 | 0.39 | 0.00015 | PASS | | | |
| | | | | -30 | 2.13 | 0.00083 | PASS | | | |
| | | | | -20 | -1.27 | -0.0005 | PASS | | | |
| | | | | -10 | -0.36 | -0.00014 | PASS | | | |
| | | | | | | | 0 | 0.07 | 0.00003 | PASS |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|----------|------|
| | | | | | 10 | 2 | 0.00078 | PASS | | |
| | | | | | 20 | 2.9 | 0.00113 | PASS | | |
| | | | | | 30 | 0.37 | 0.00014 | PASS | | |
| | | | | | 40 | 2.52 | 0.00098 | PASS | | |
| | | | | | 50 | 4.79 | 0.00187 | PASS | | |
| | | 20 | LCH | VN | -30 | 0.77 | 0.00031 | PASS | | |
| | | | | | -20 | 0.09 | 0.00004 | PASS | | |
| | | | | | -10 | -1.54 | -0.00061 | PASS | | |
| | | | | | 0 | -1 | -0.0004 | PASS | | |
| | | | | | 10 | -0.83 | -0.00033 | PASS | | |
| | | | | | 20 | 2.32 | 0.00092 | PASS | | |
| | | | | | 30 | -3.49 | -0.00139 | PASS | | |
| | | | | | 40 | -4.71 | -0.00188 | PASS | | |
| | | | | | 50 | 0.93 | 0.00037 | PASS | | |
| | | | | | MCH | VN | -30 | -0.26 | -0.0001 | PASS |
| | | | | | | | -20 | -1.93 | -0.00076 | PASS |
| | | | | | | | -10 | 0.39 | 0.00015 | PASS |
| | | | | | | | 0 | 1.22 | 0.00048 | PASS |
| | | | | | | | 10 | -0.13 | -0.00005 | PASS |
| | | | 20 | -0.03 | | | -0.00001 | PASS | | |
| | | | 30 | 2.26 | | | 0.00089 | PASS | | |
| | | | 40 | -1.09 | | | -0.00043 | PASS | | |
| | | | HCH | VN | 50 | -1.03 | -0.00041 | PASS | | |
| | | | | | -30 | 0.92 | 0.00036 | PASS | | |
| | | | | | -20 | -1.9 | -0.00074 | PASS | | |
| | | | | | -10 | 3.46 | 0.00135 | PASS | | |
| | | | | | 0 | 0.51 | 0.0002 | PASS | | |
| | | | | | 10 | 0.47 | 0.00018 | PASS | | |
| | | | | | 20 | 1.12 | 0.00044 | PASS | | |
| | | | | | 30 | 0.44 | 0.00017 | PASS | | |
| | | | 40 | -0.26 | -.0001 | PASS | | | | |
| | | | 50 | 1.36 | .00053 | PASS | | | | |

END