

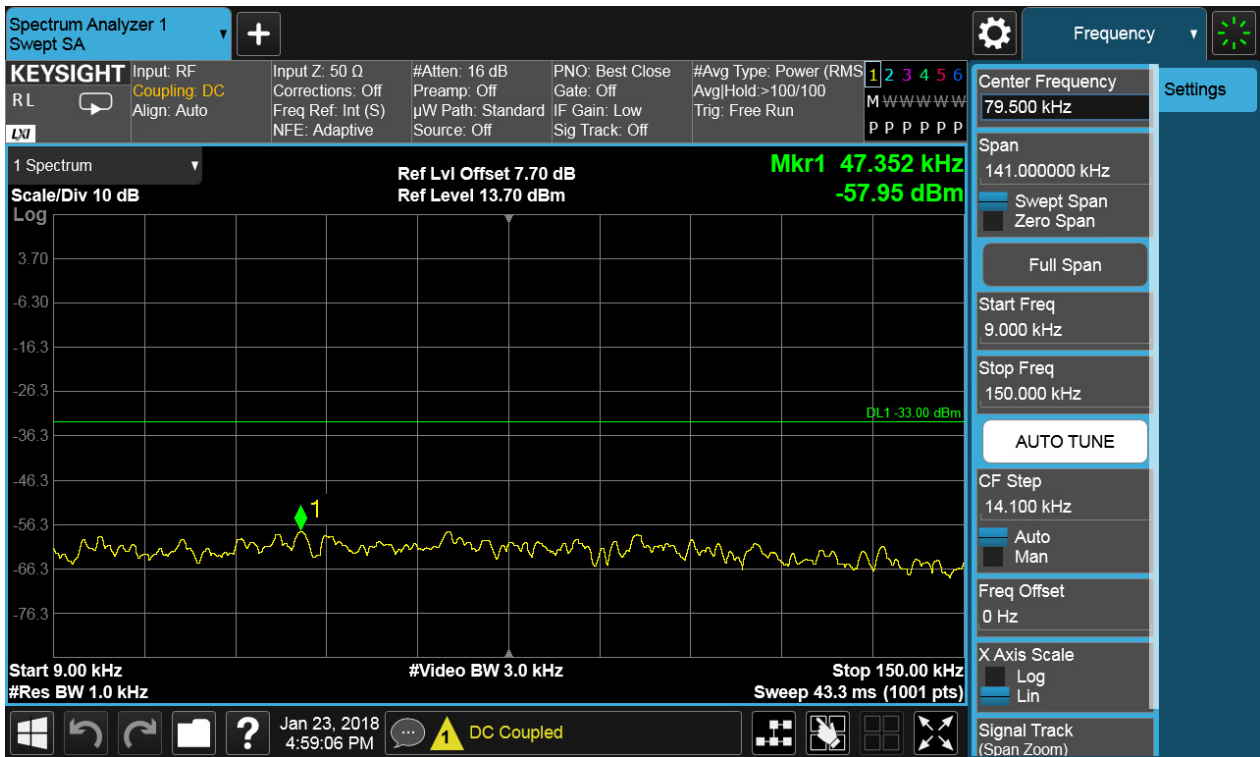


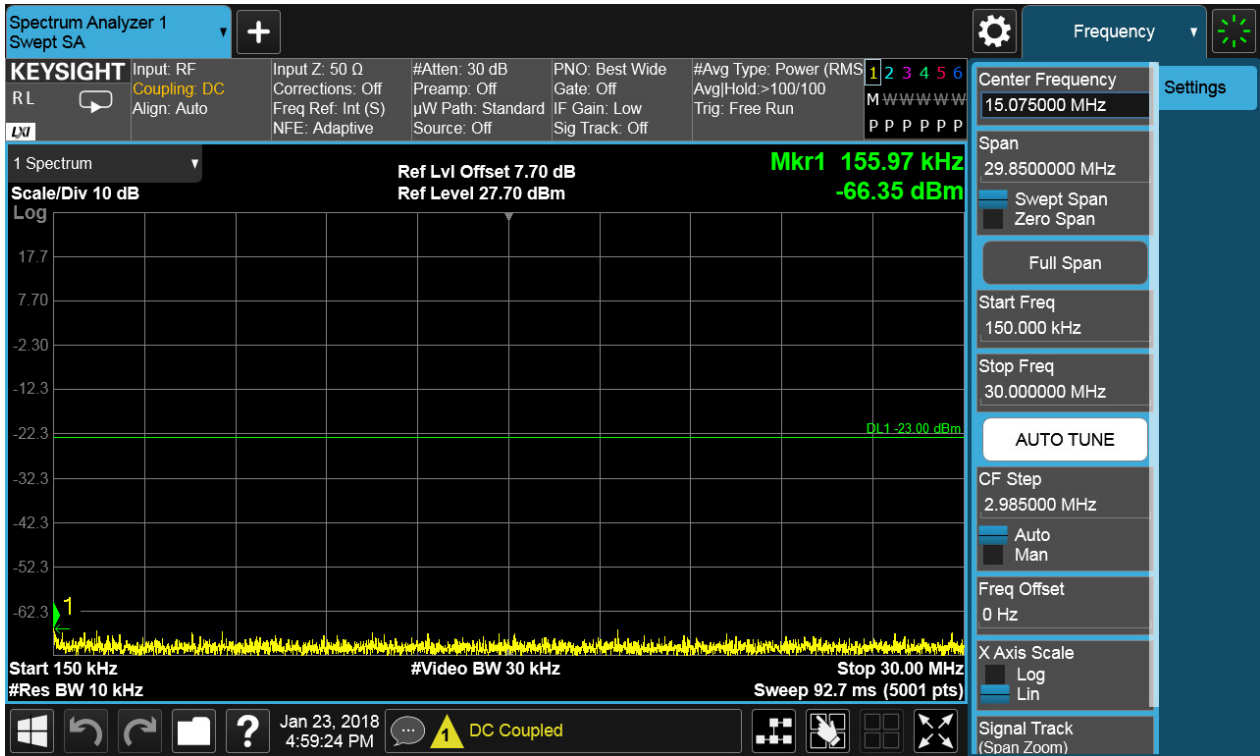
6.1.1.2 Test Mode = LTE/TM2

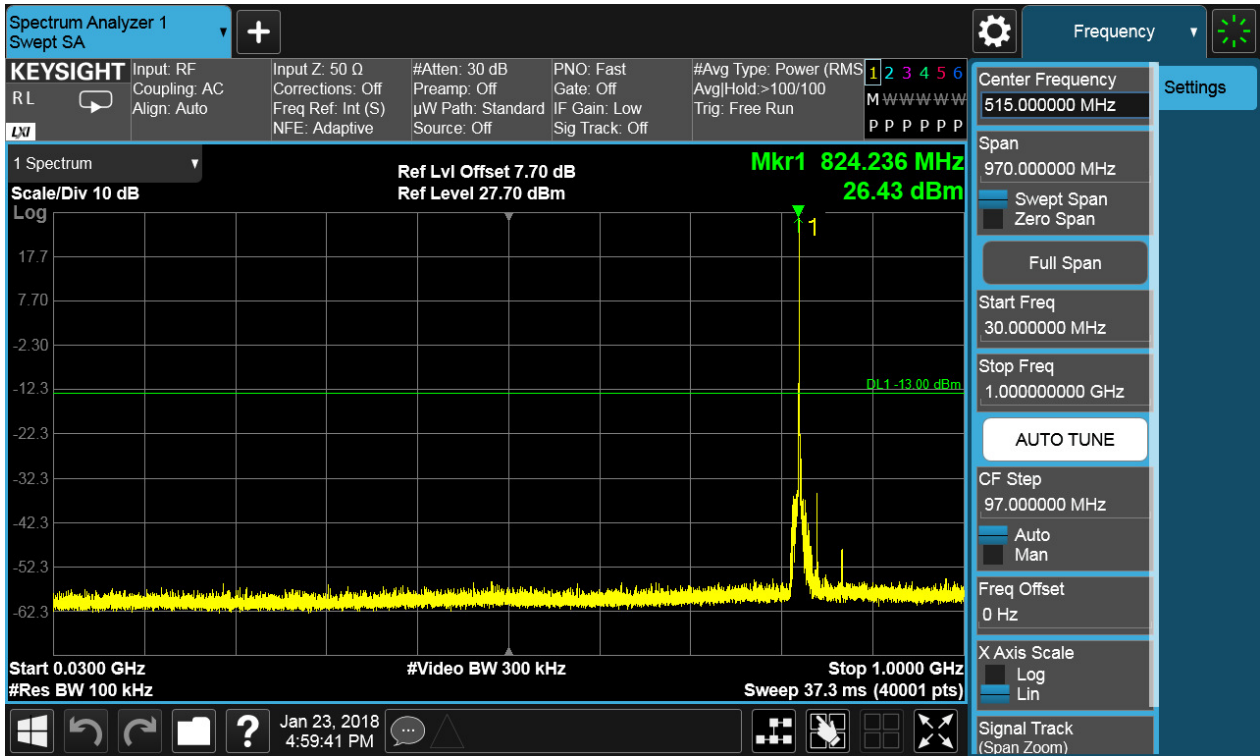
6.1.1.2.1 Test Bandwidth = 1.4

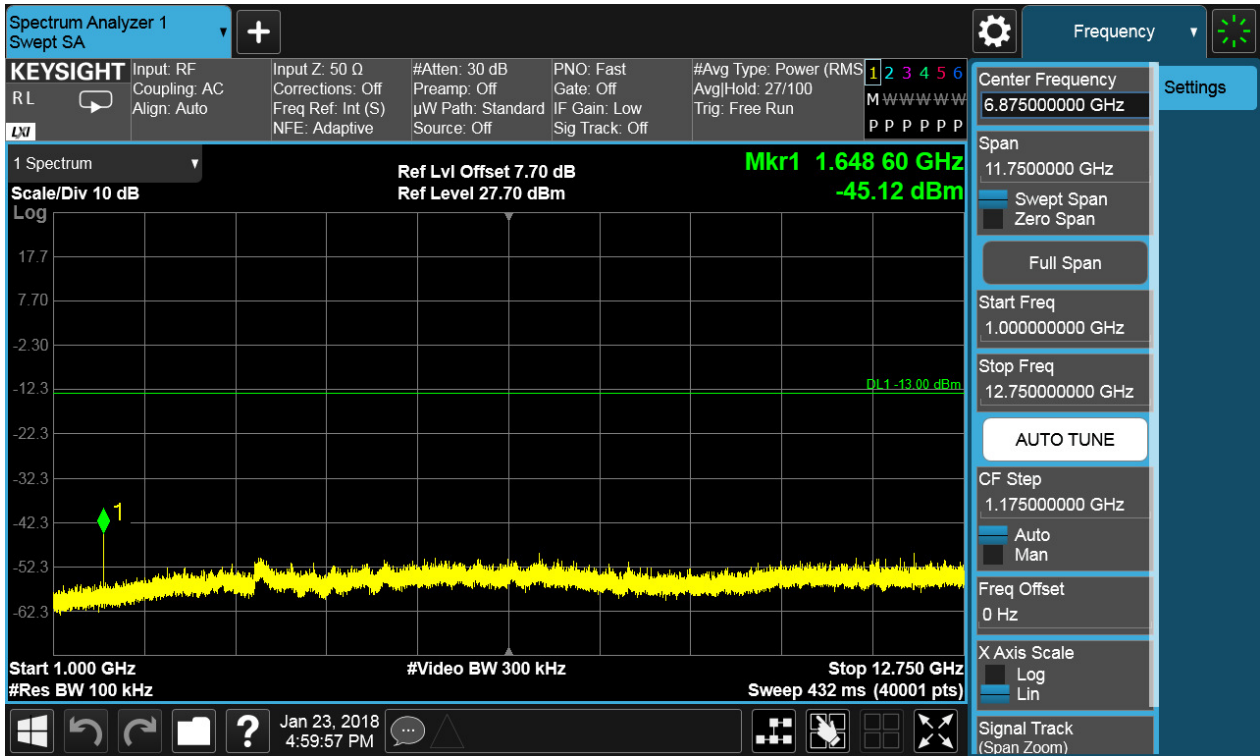
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





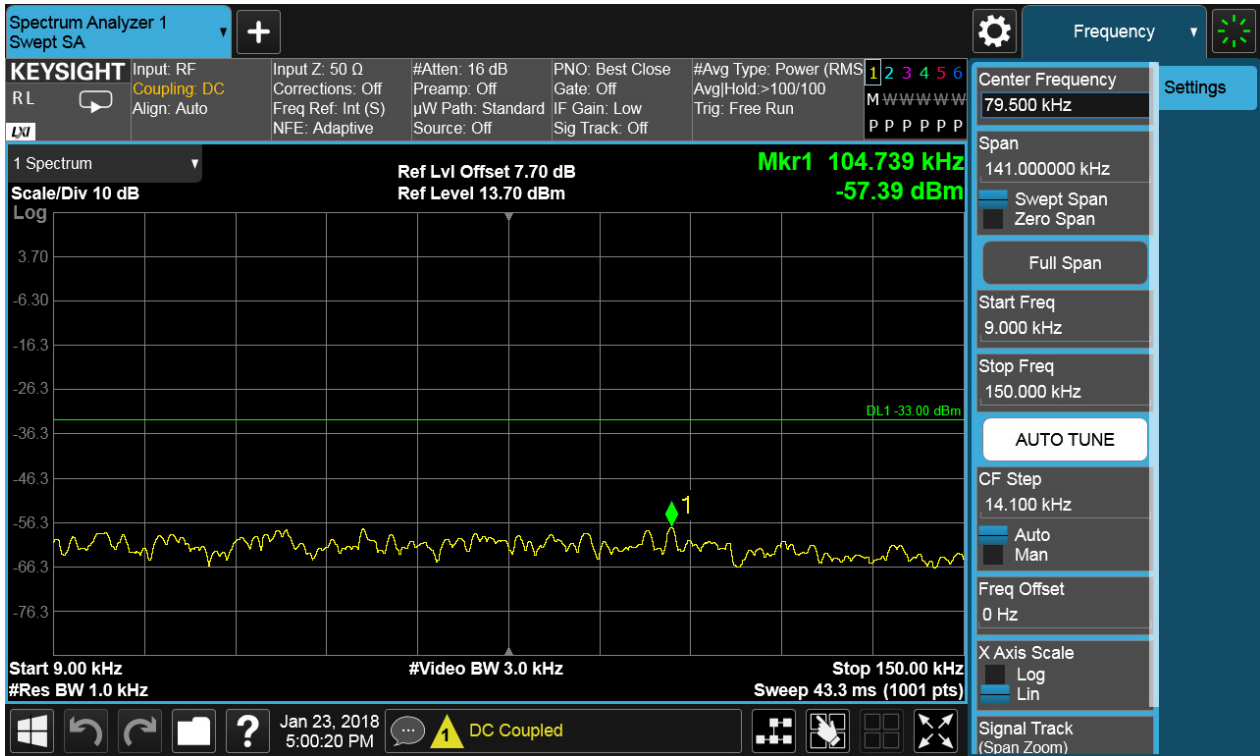


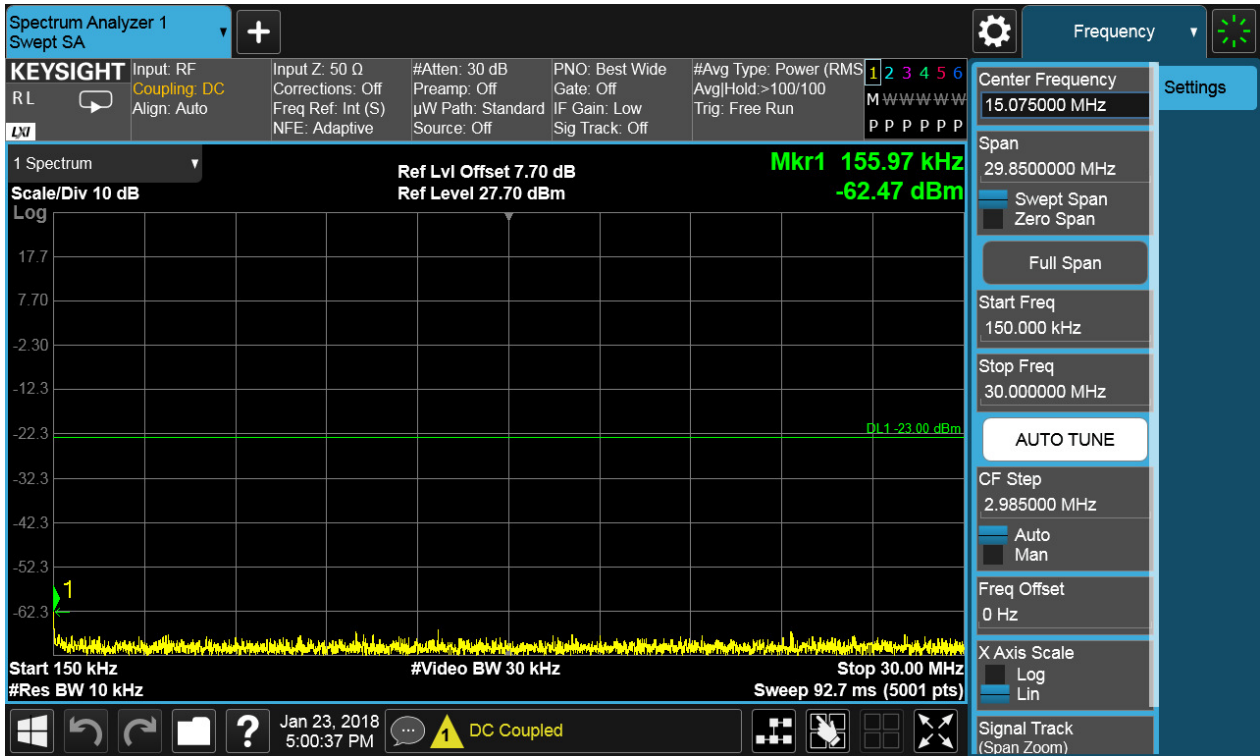


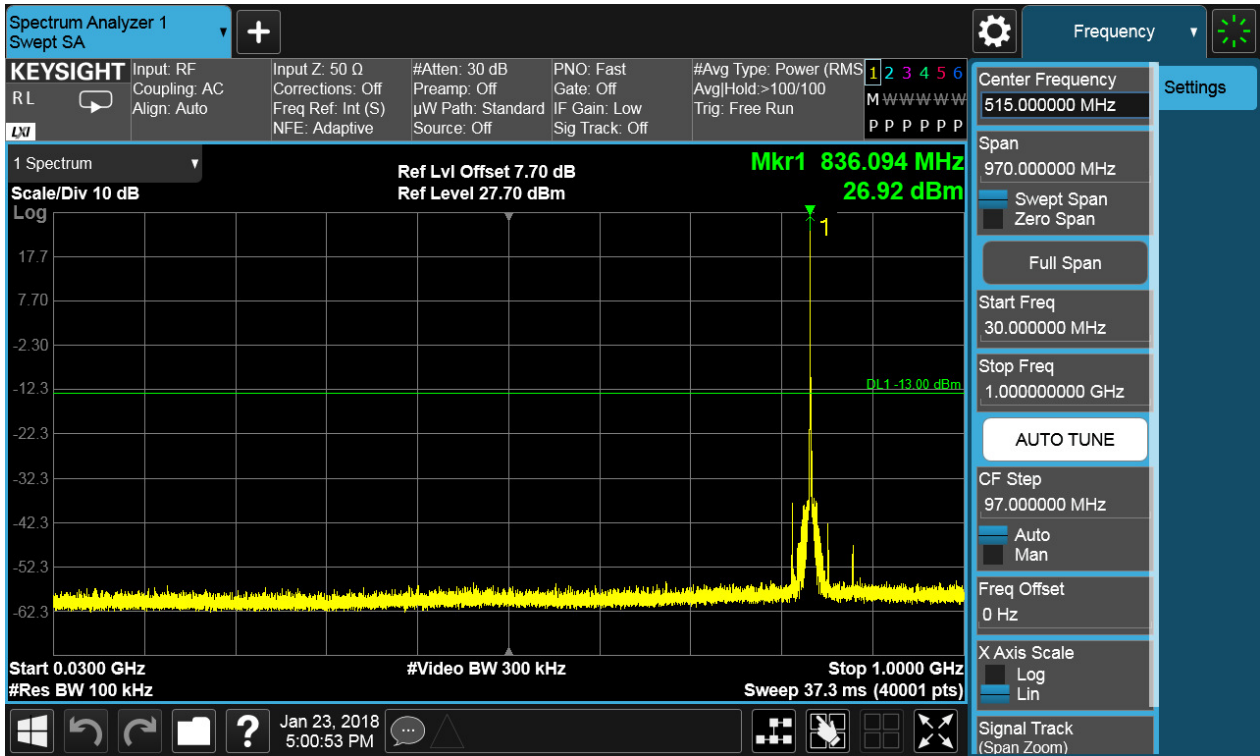


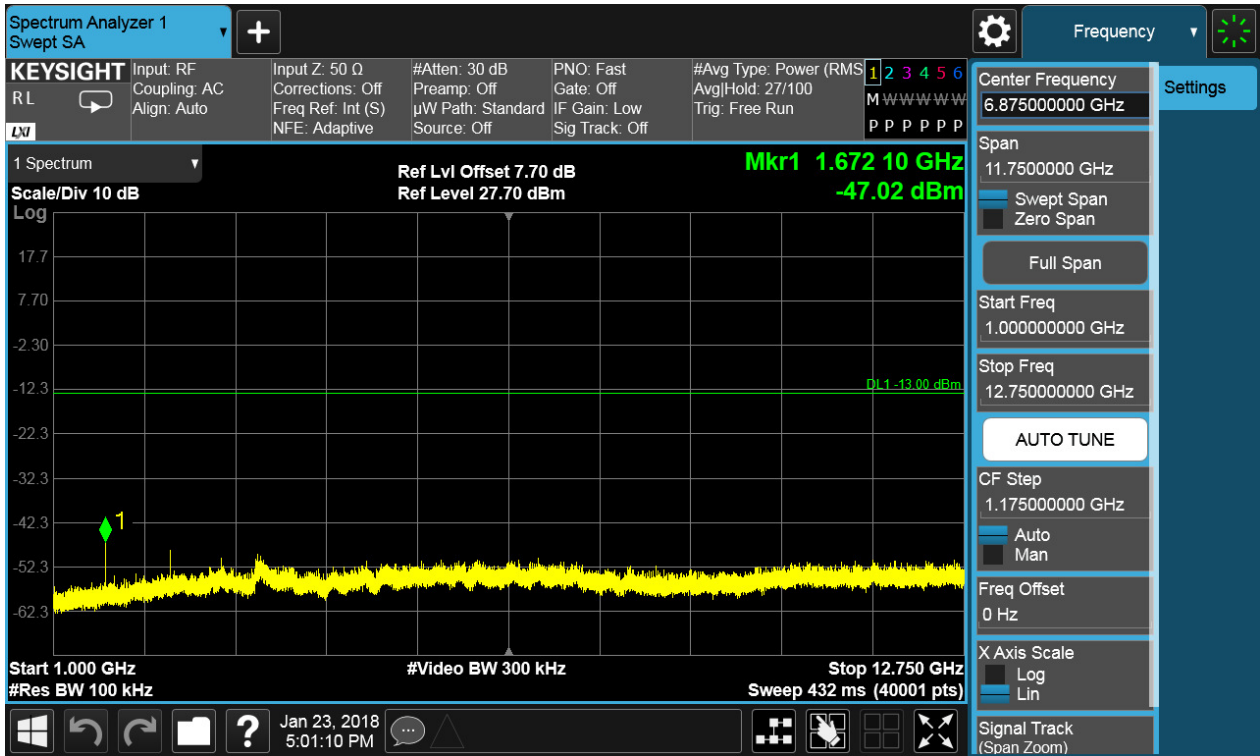
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0





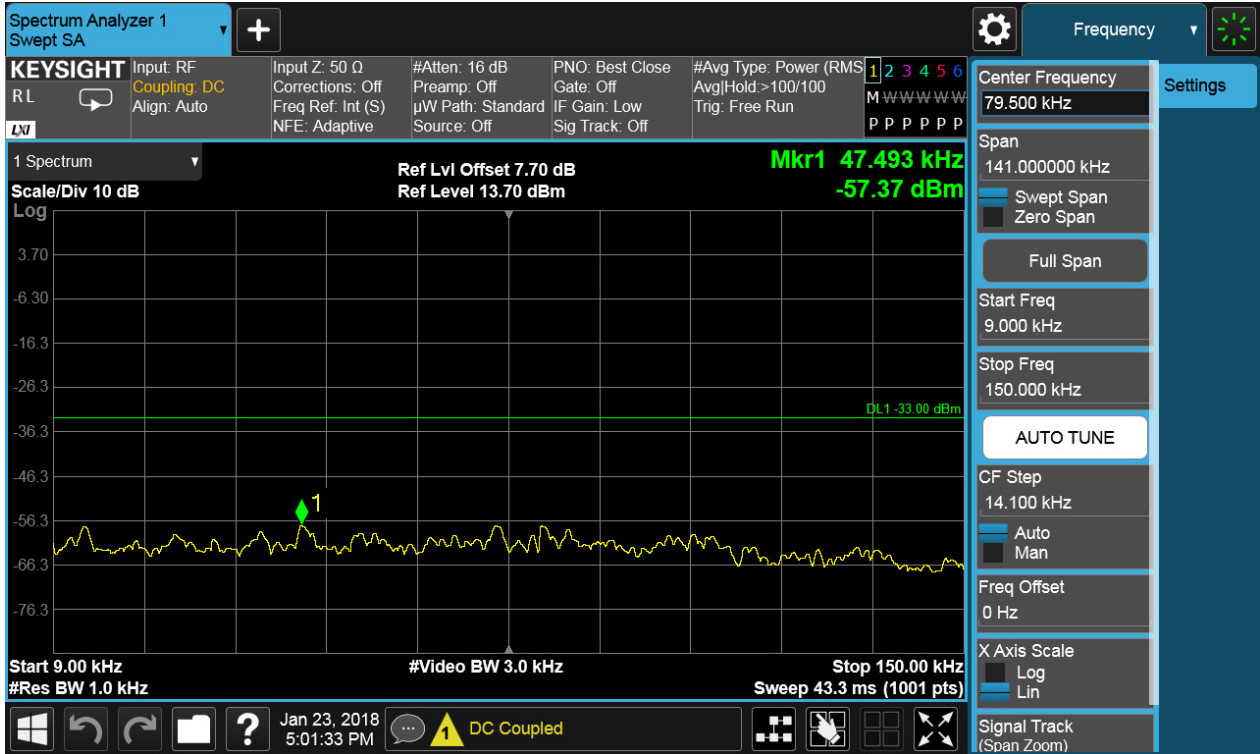


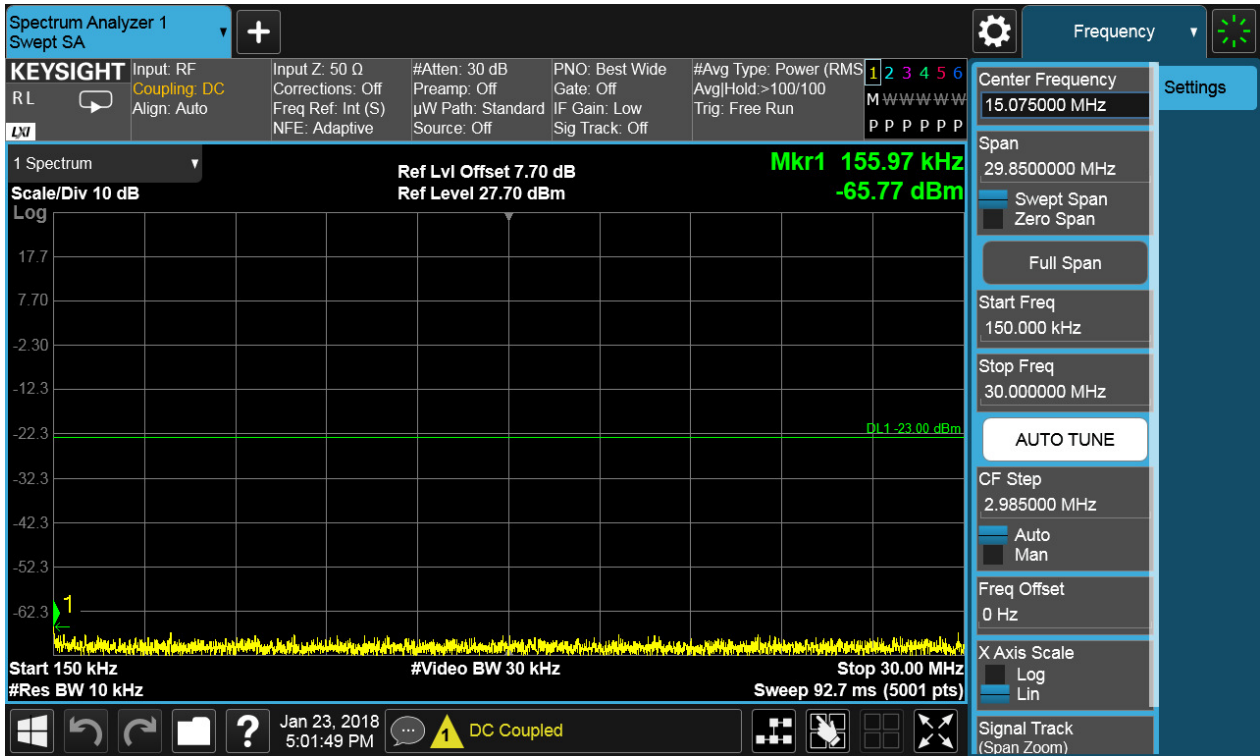


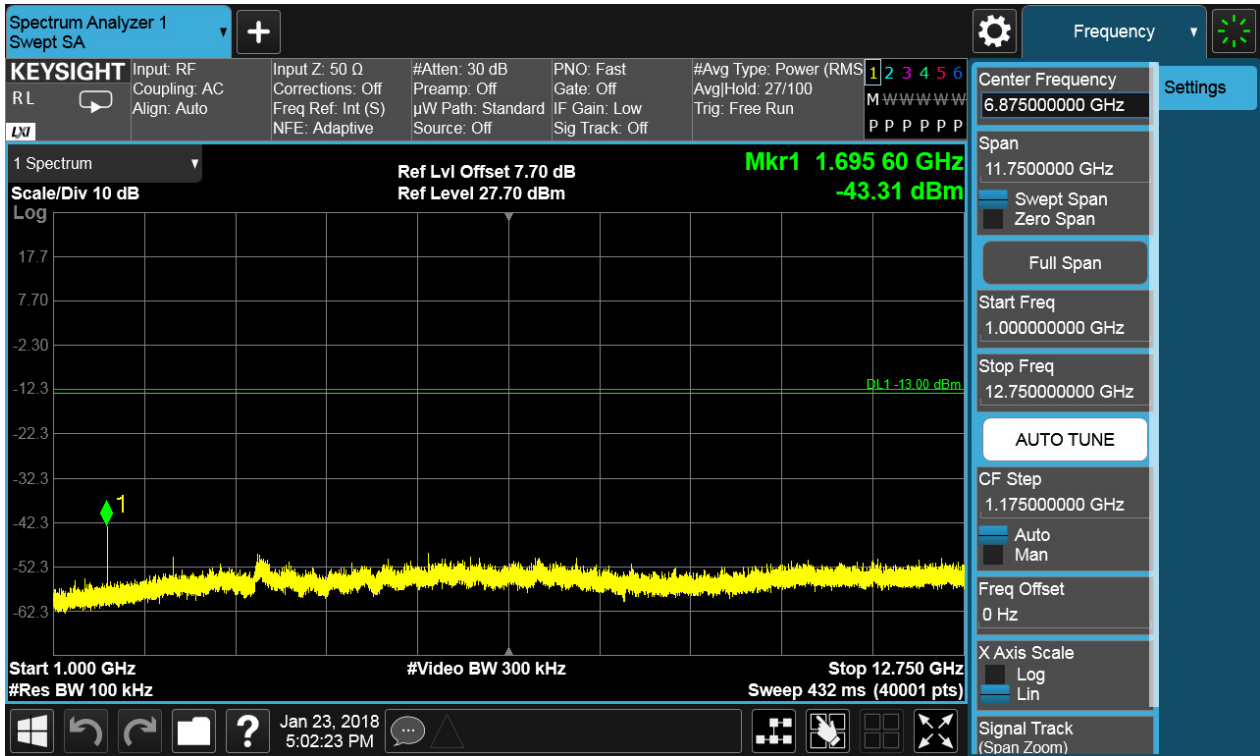


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



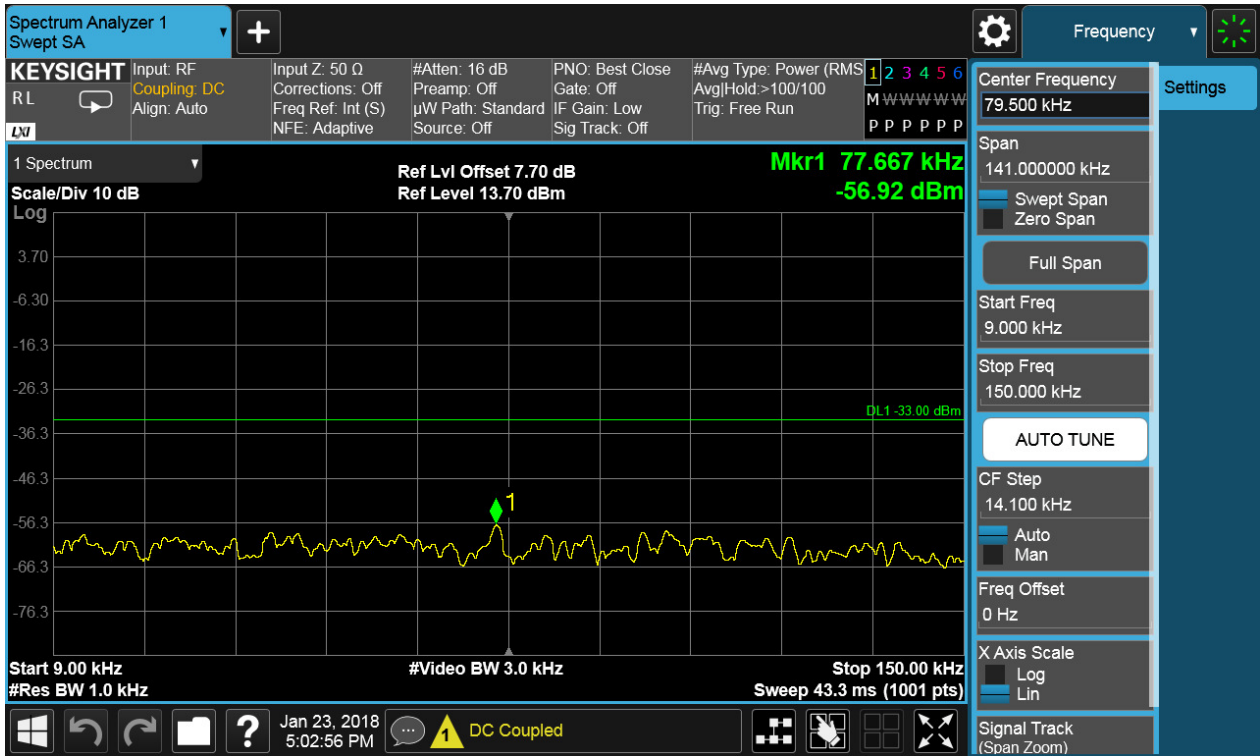


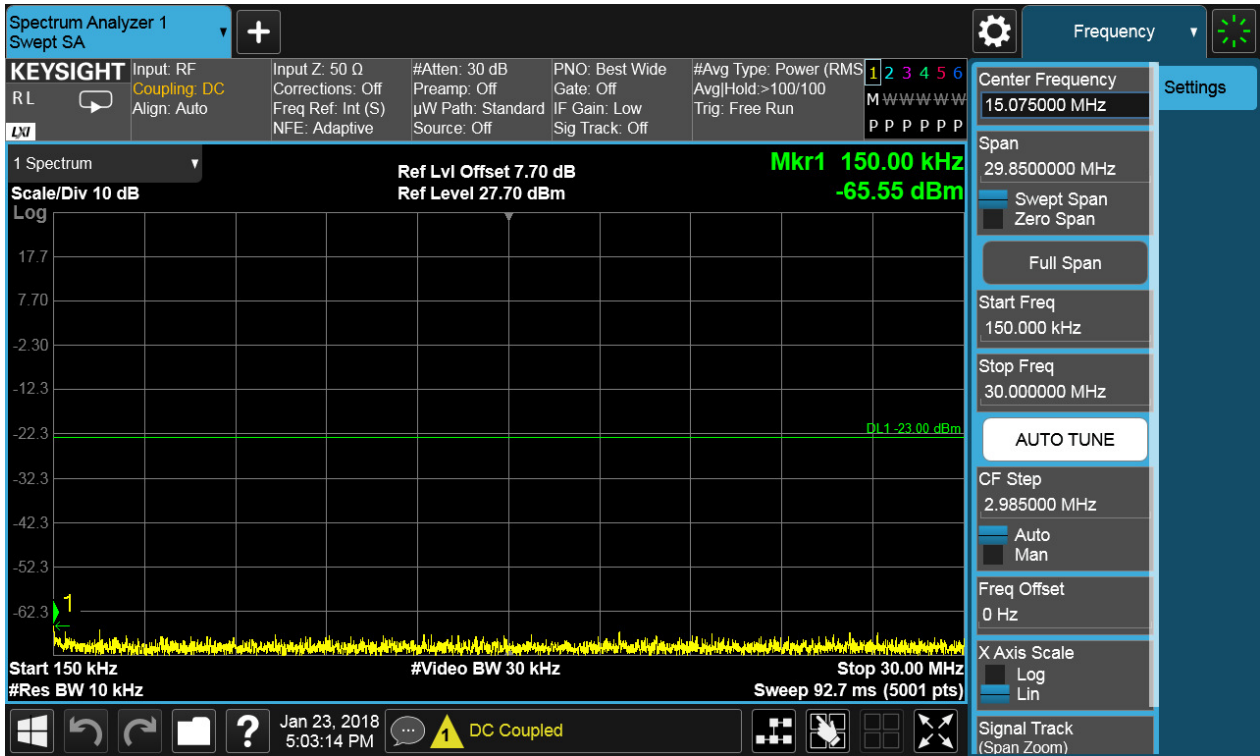


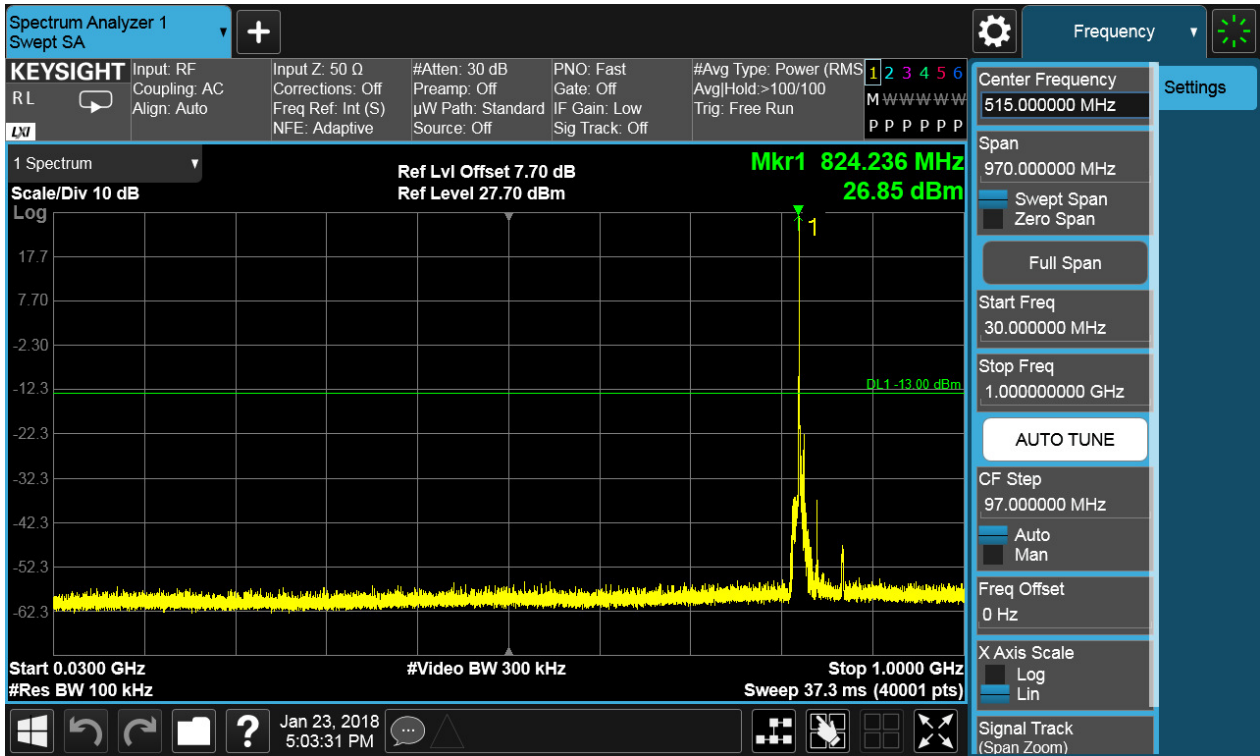
6.1.1.2.2 Test Bandwidth = 3

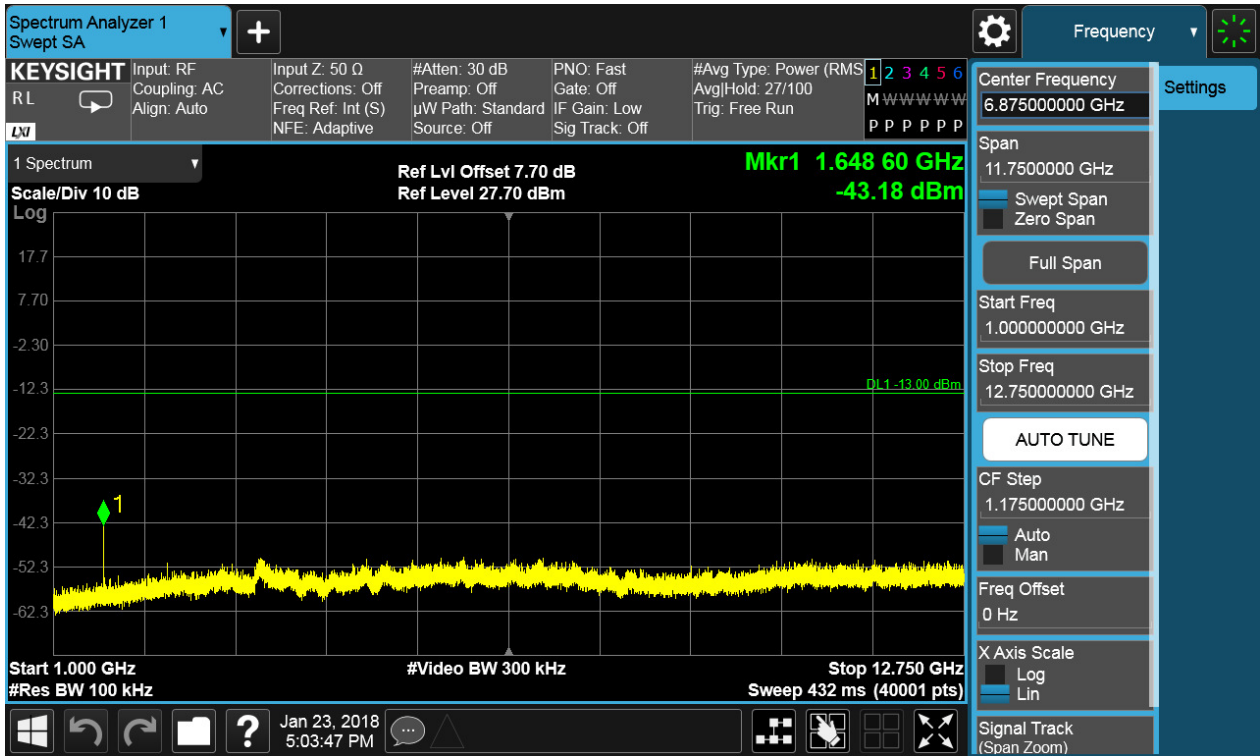
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



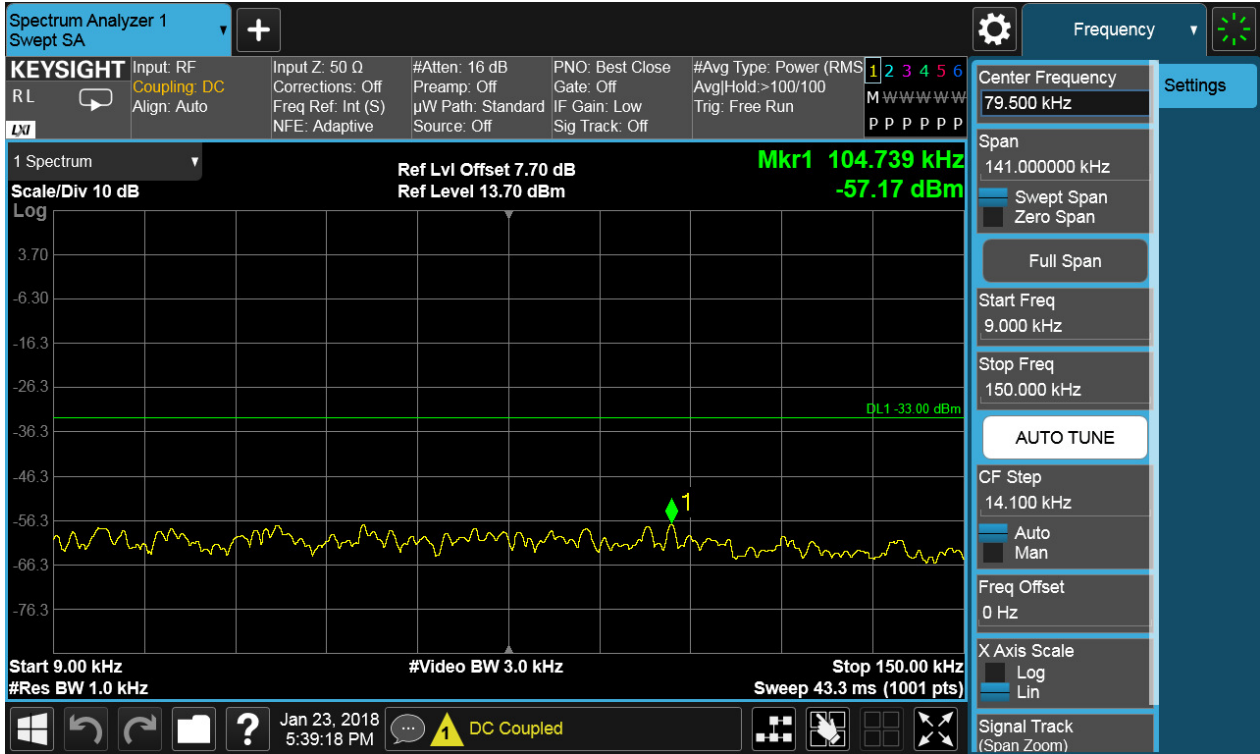


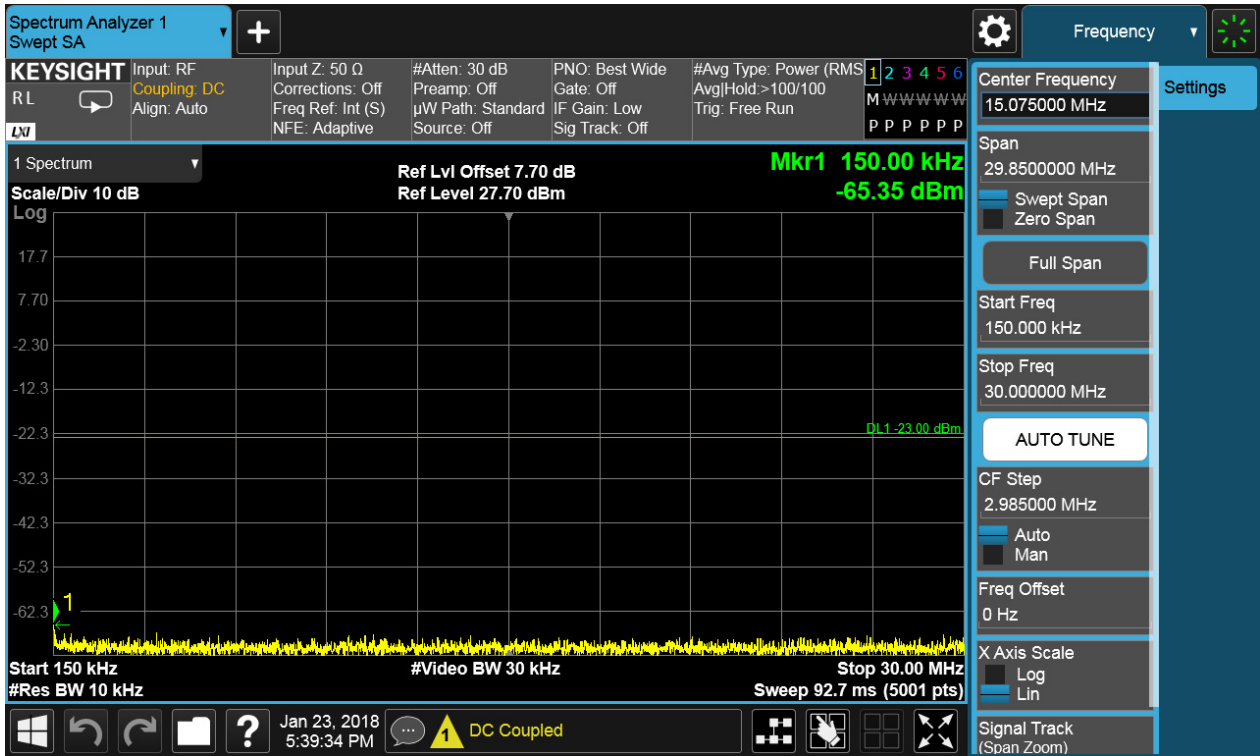


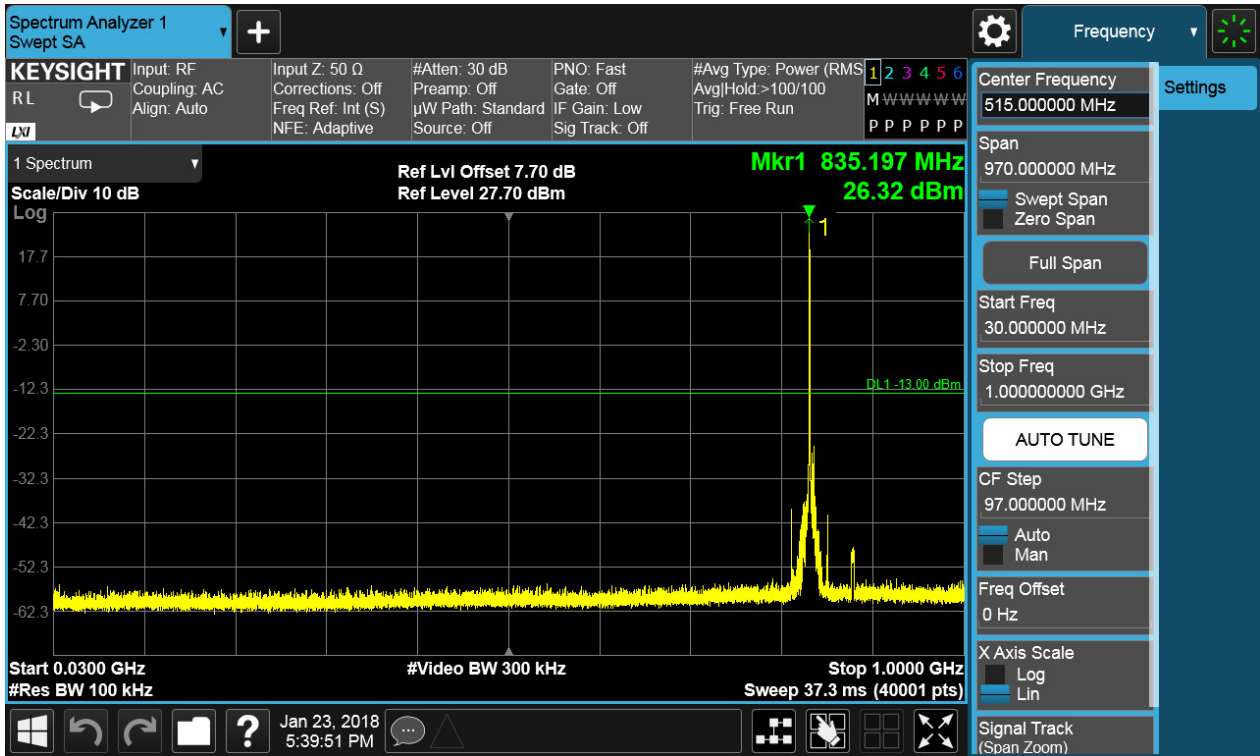


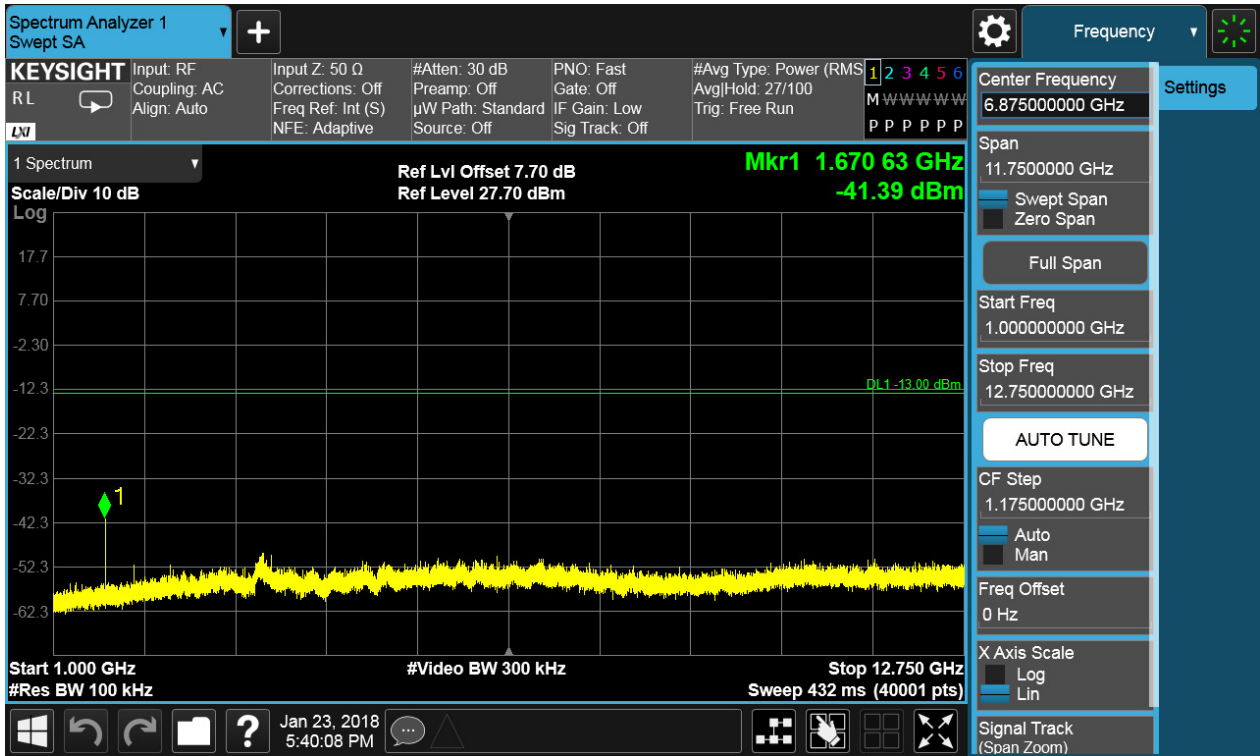
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



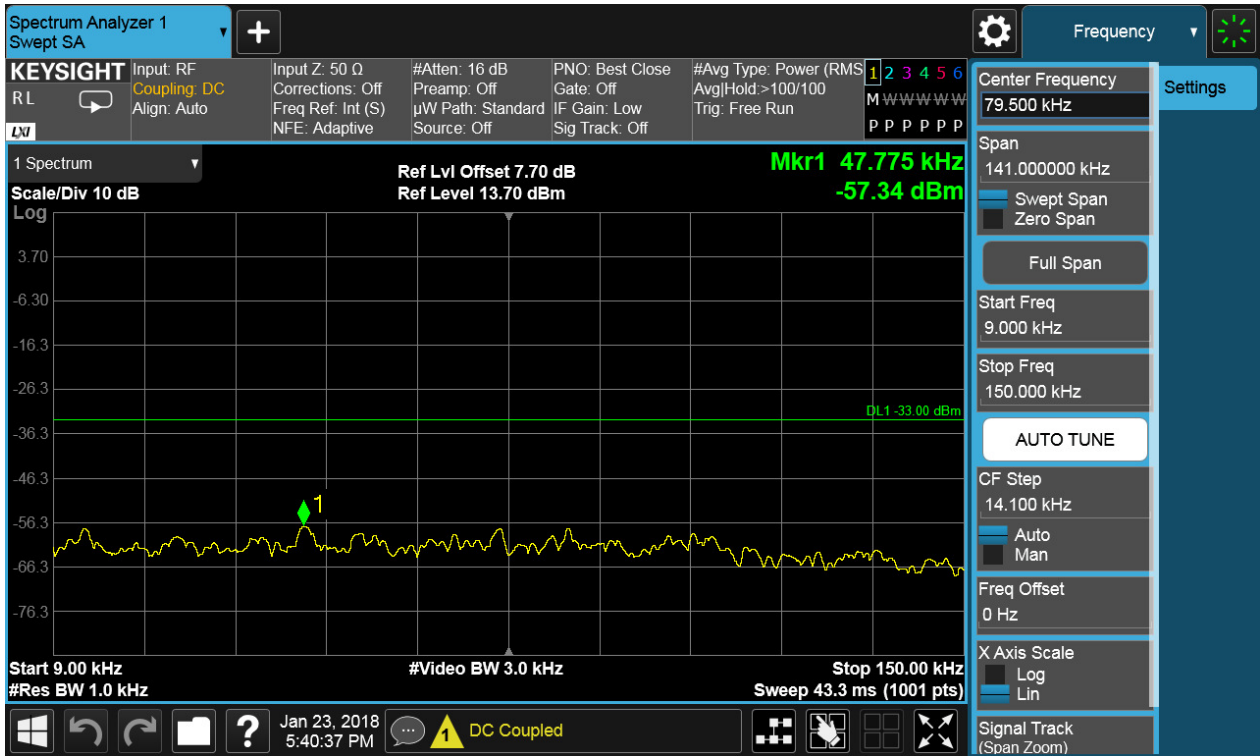


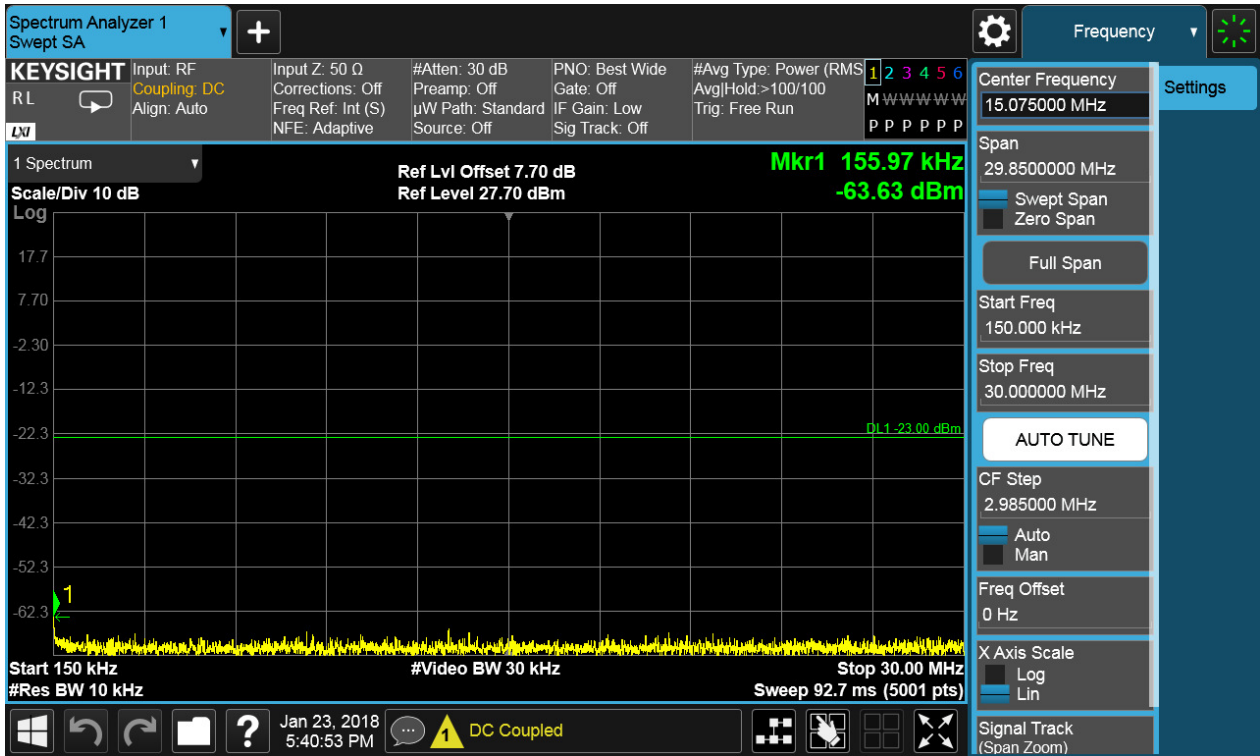


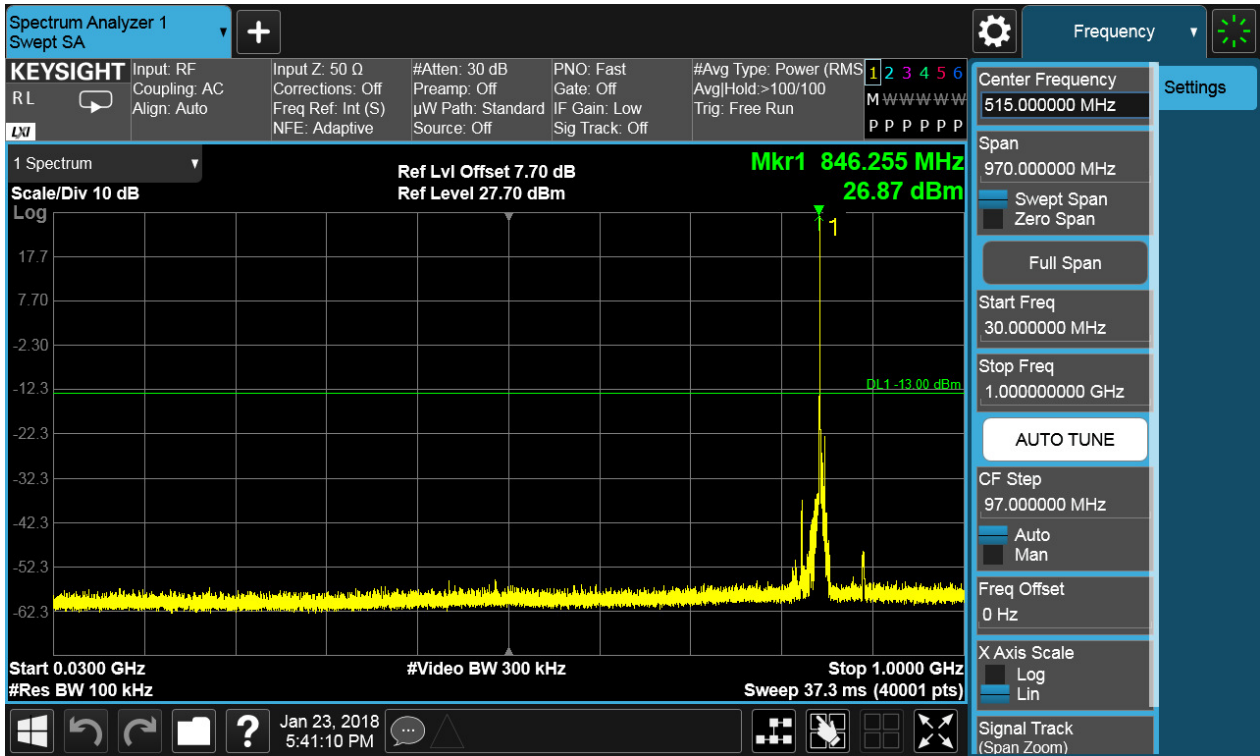


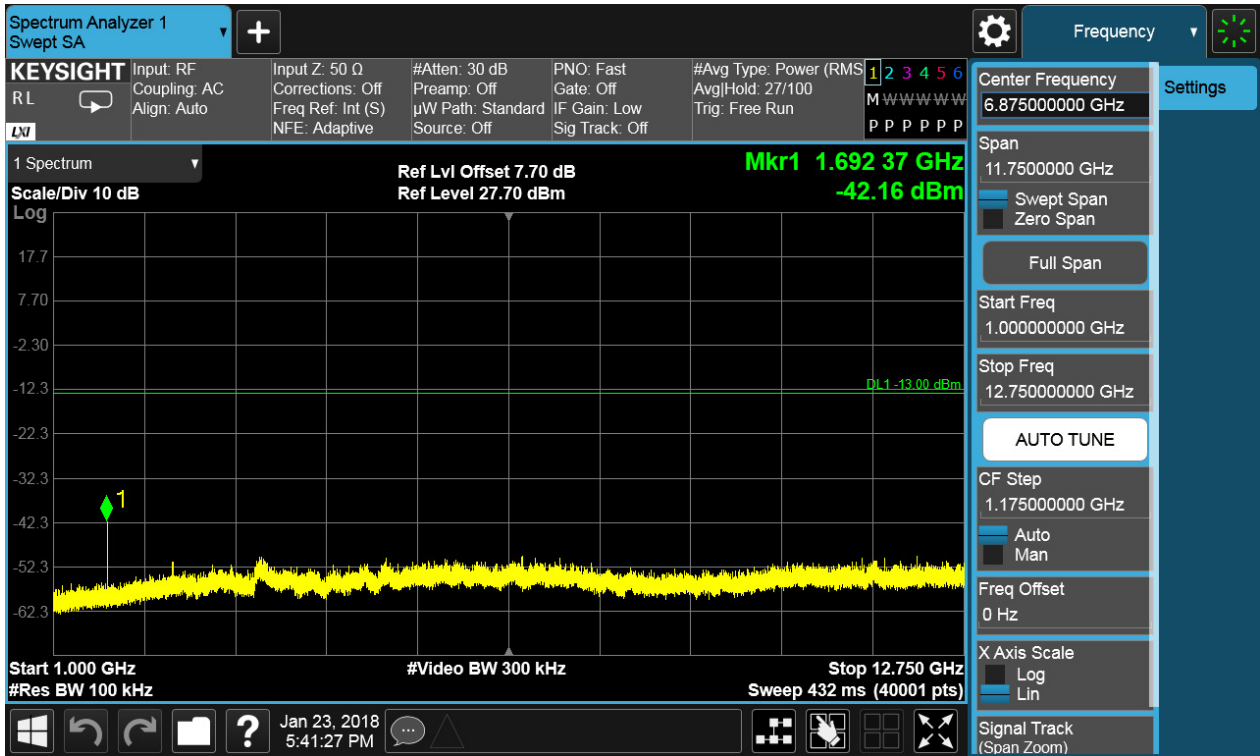
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





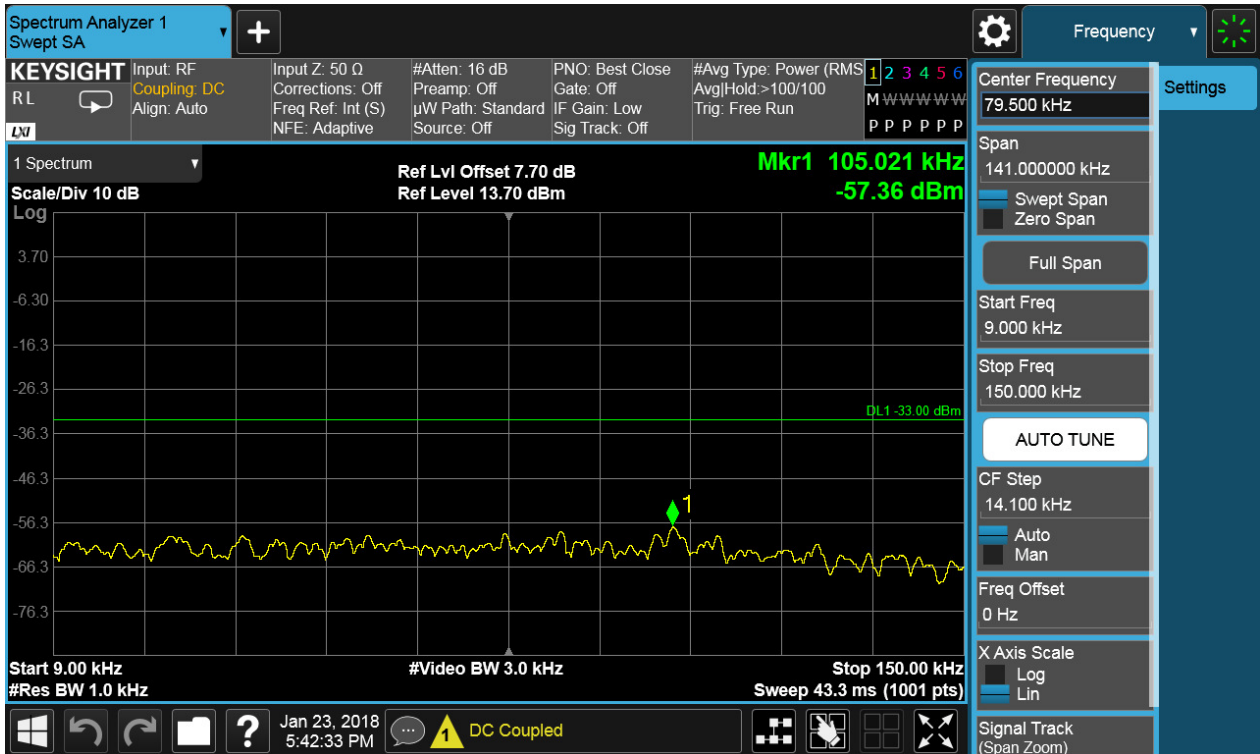


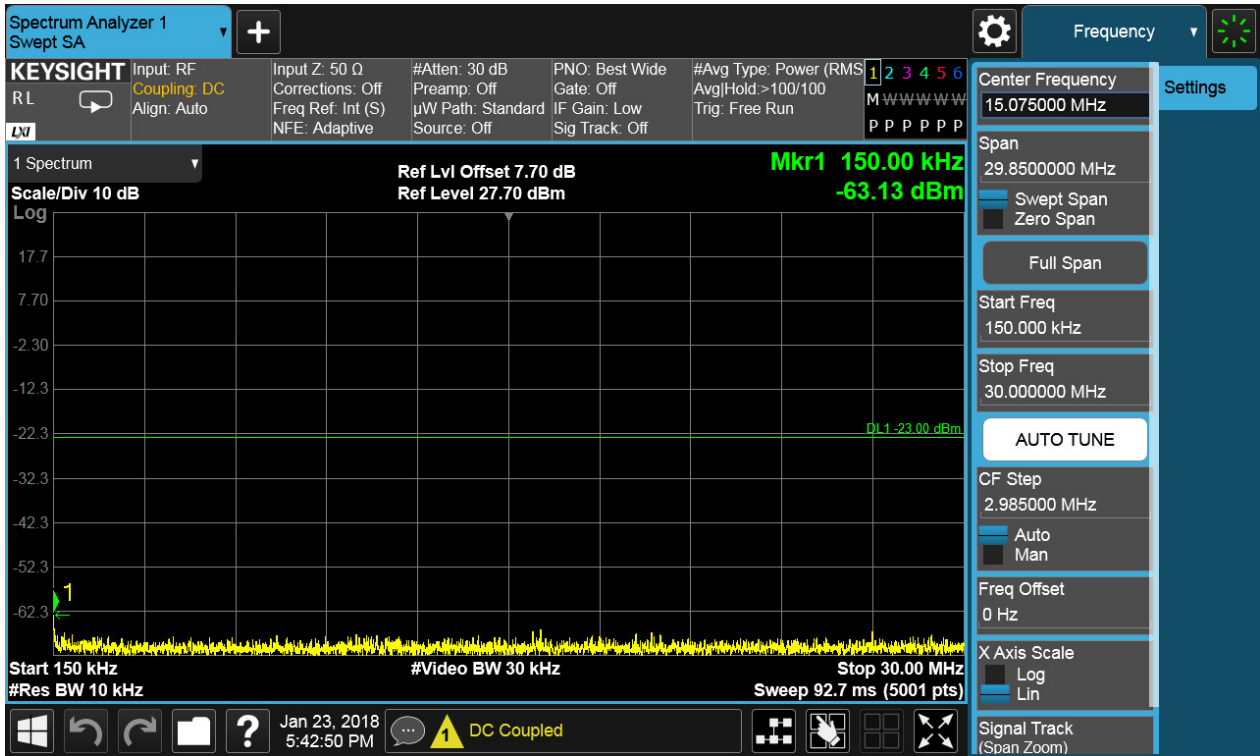


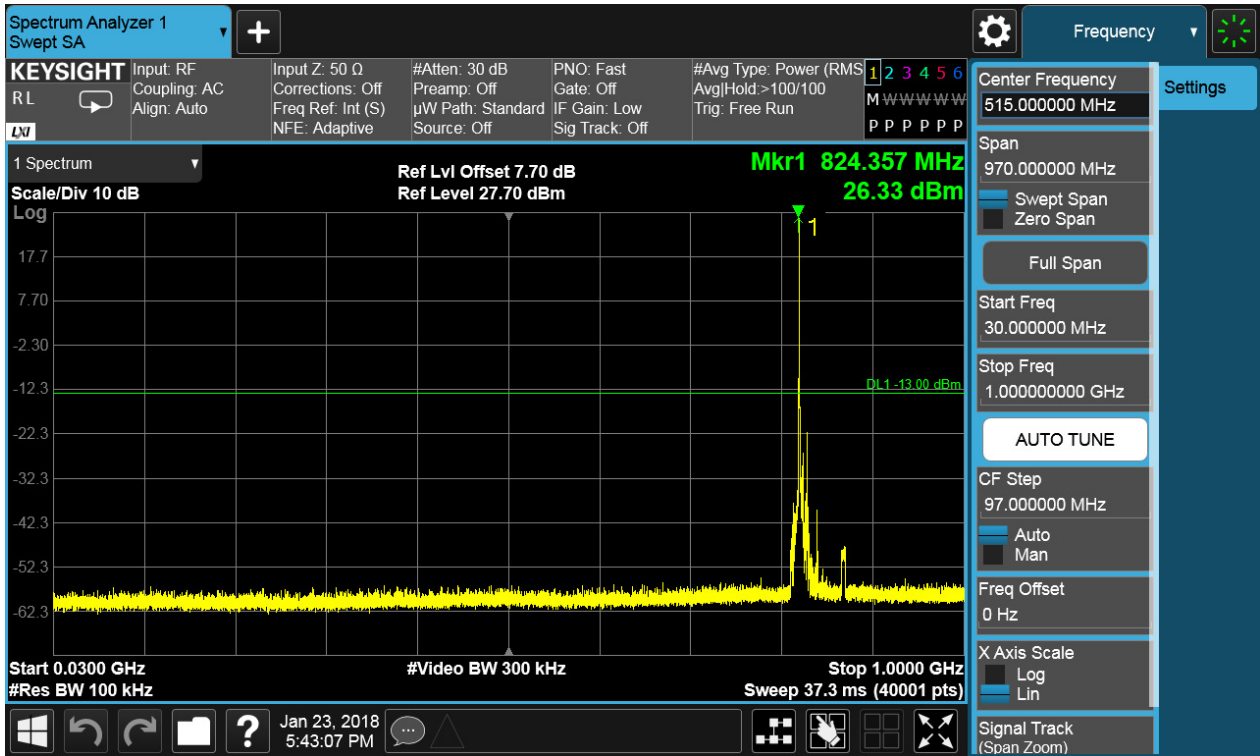
6.1.1.2.3 Test Bandwidth = 5

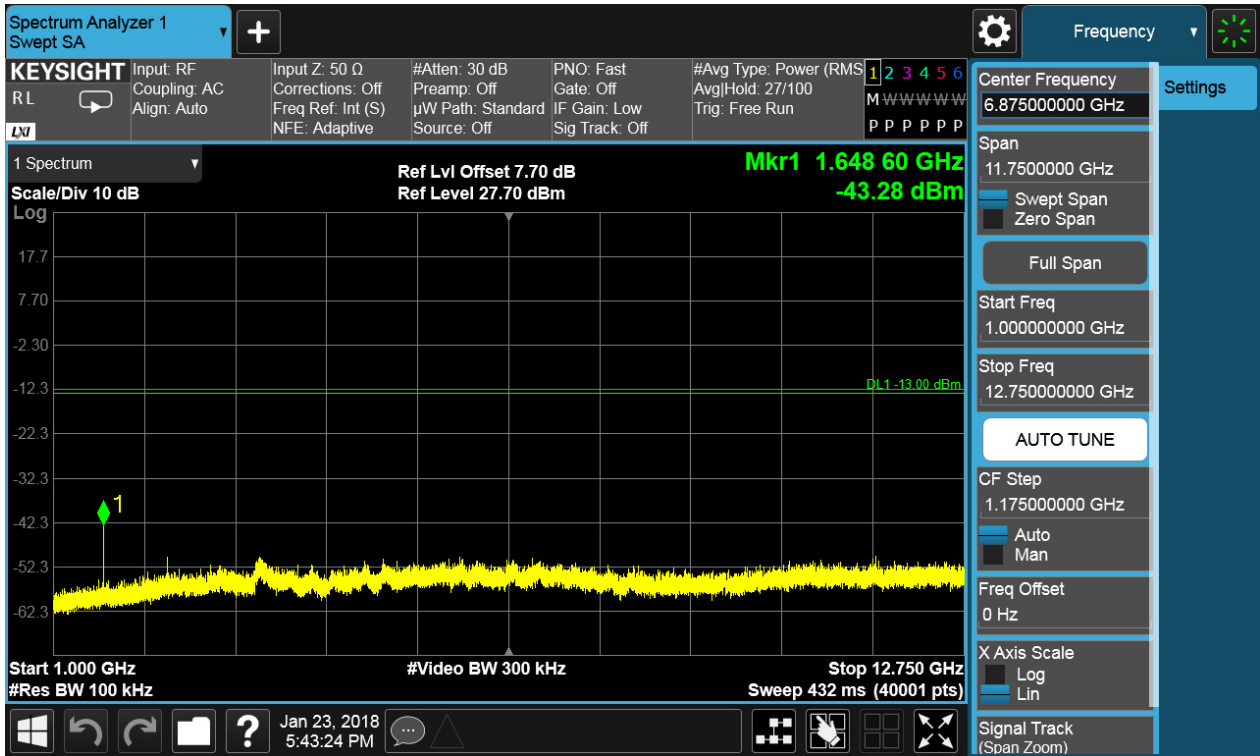
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



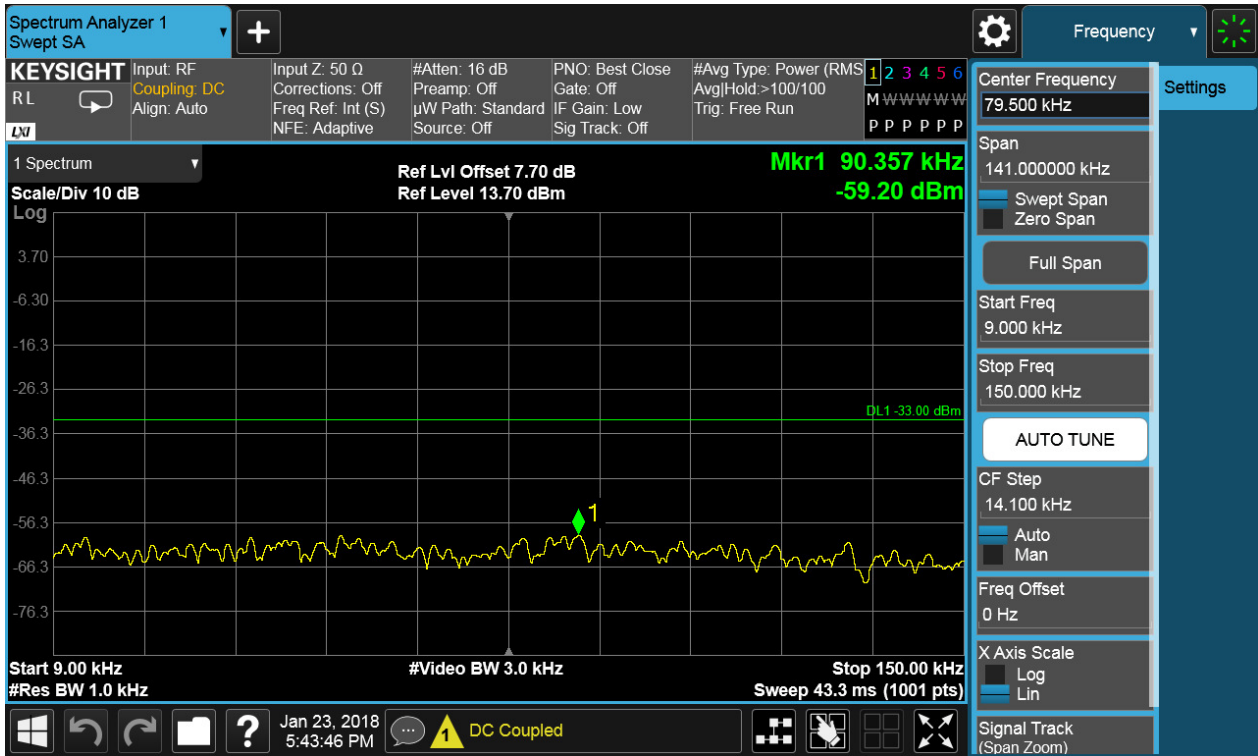


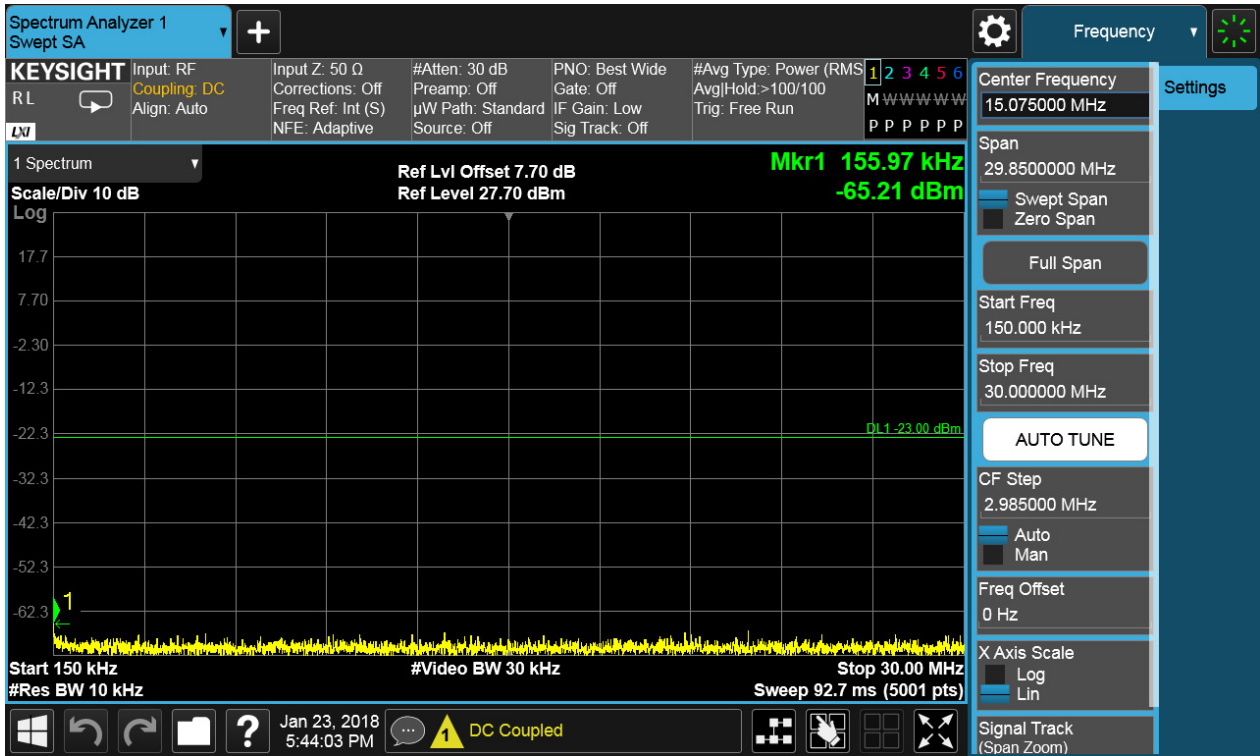


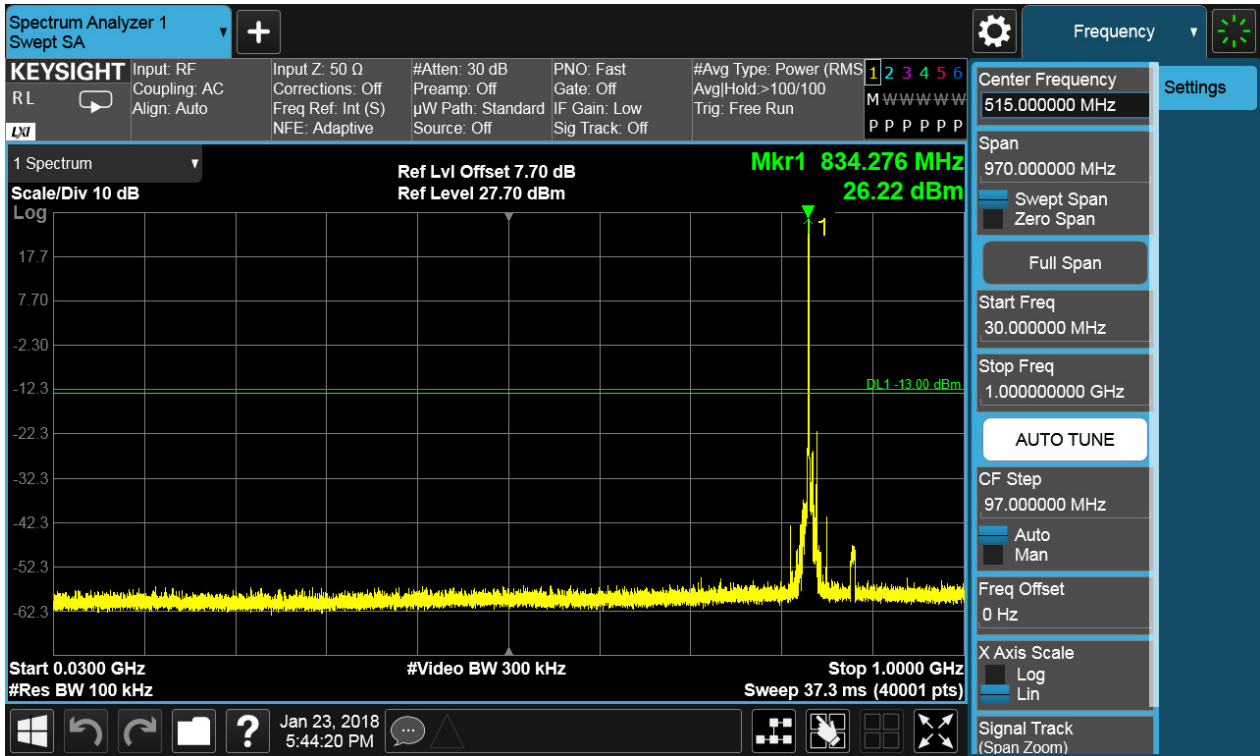


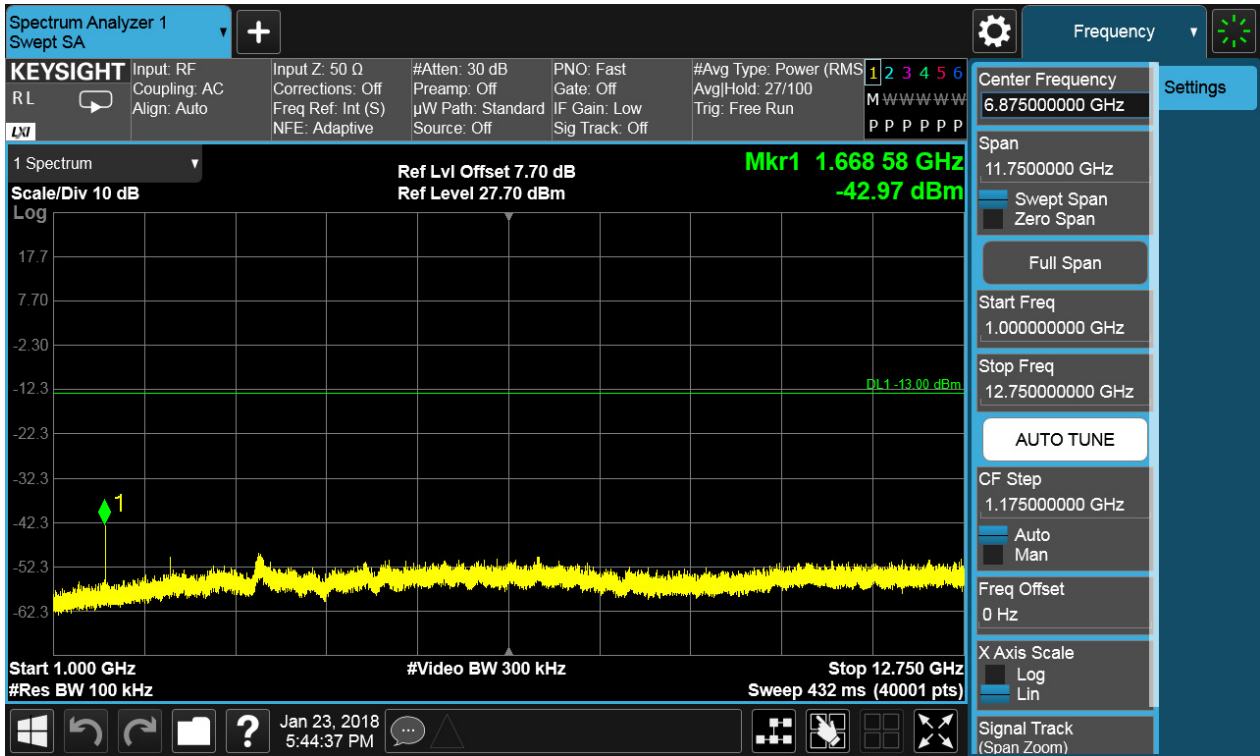
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



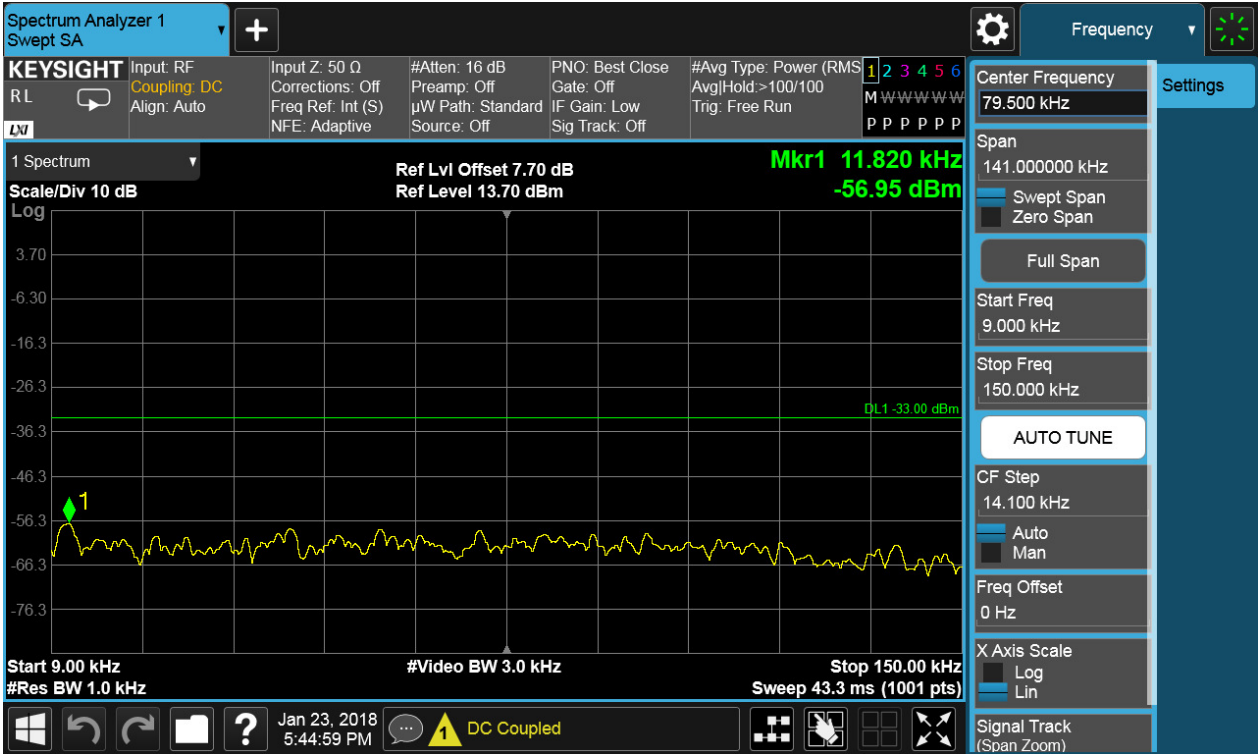


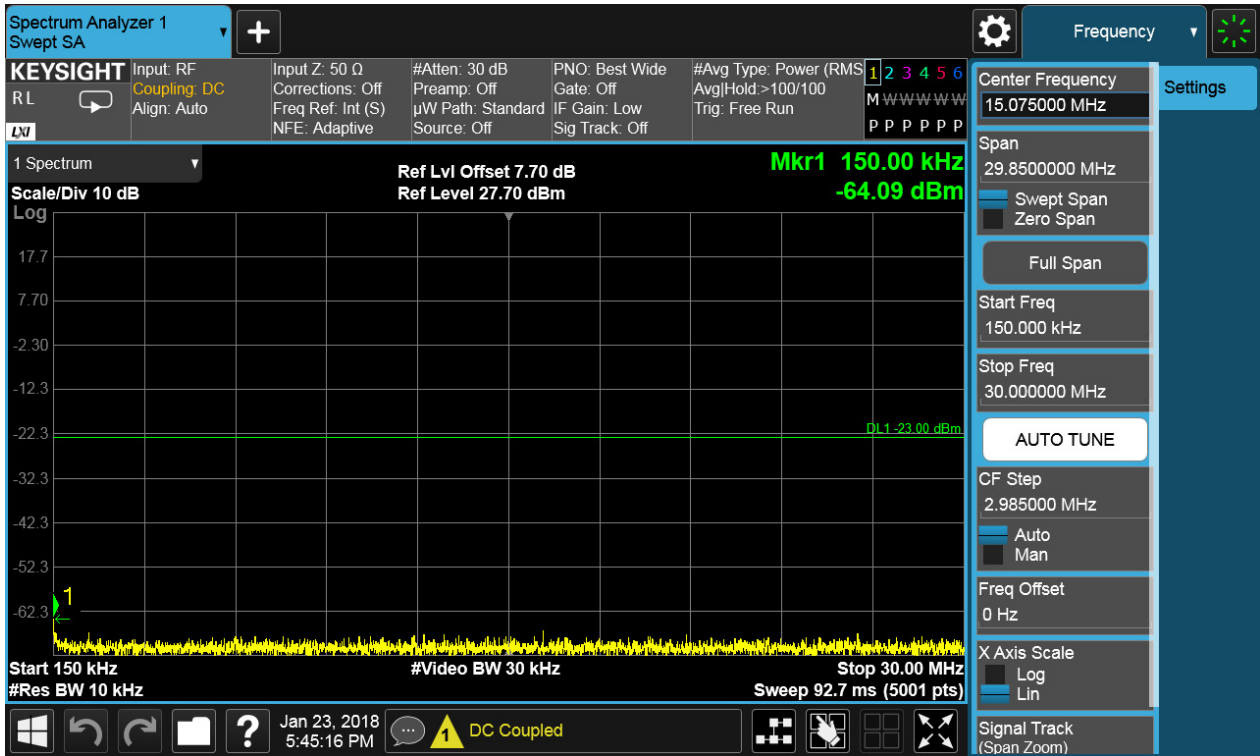


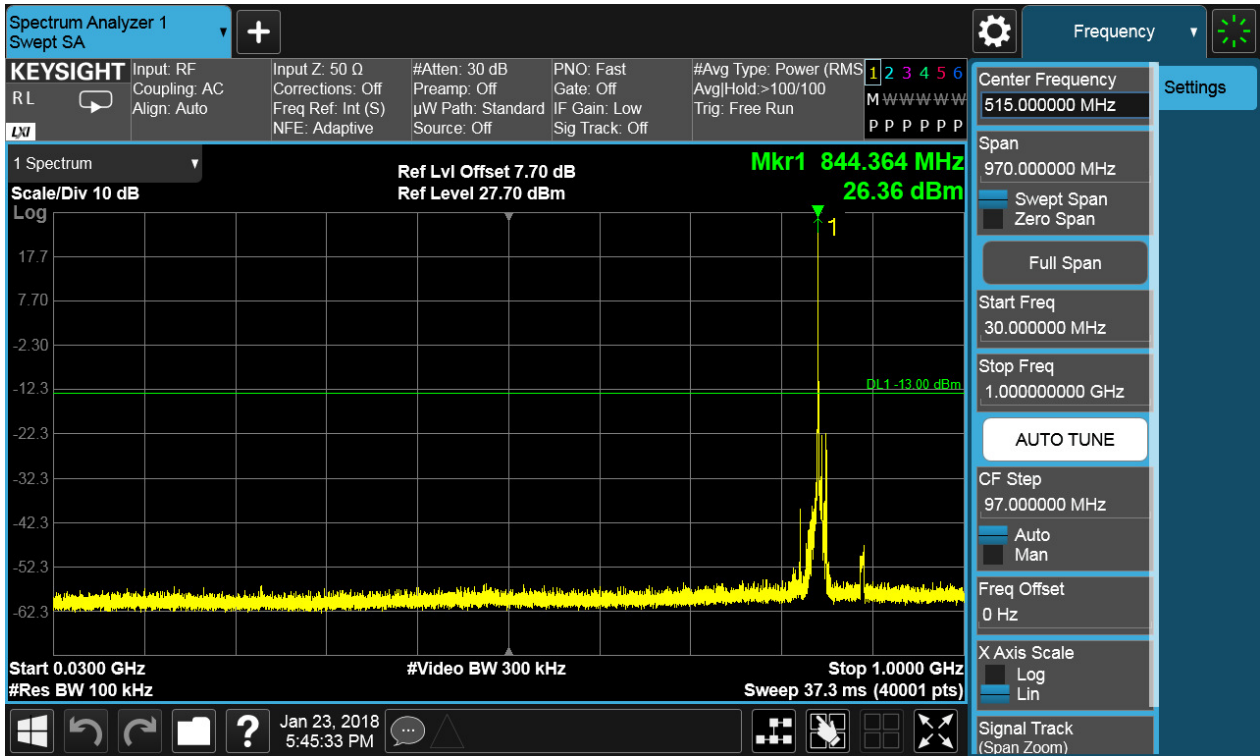


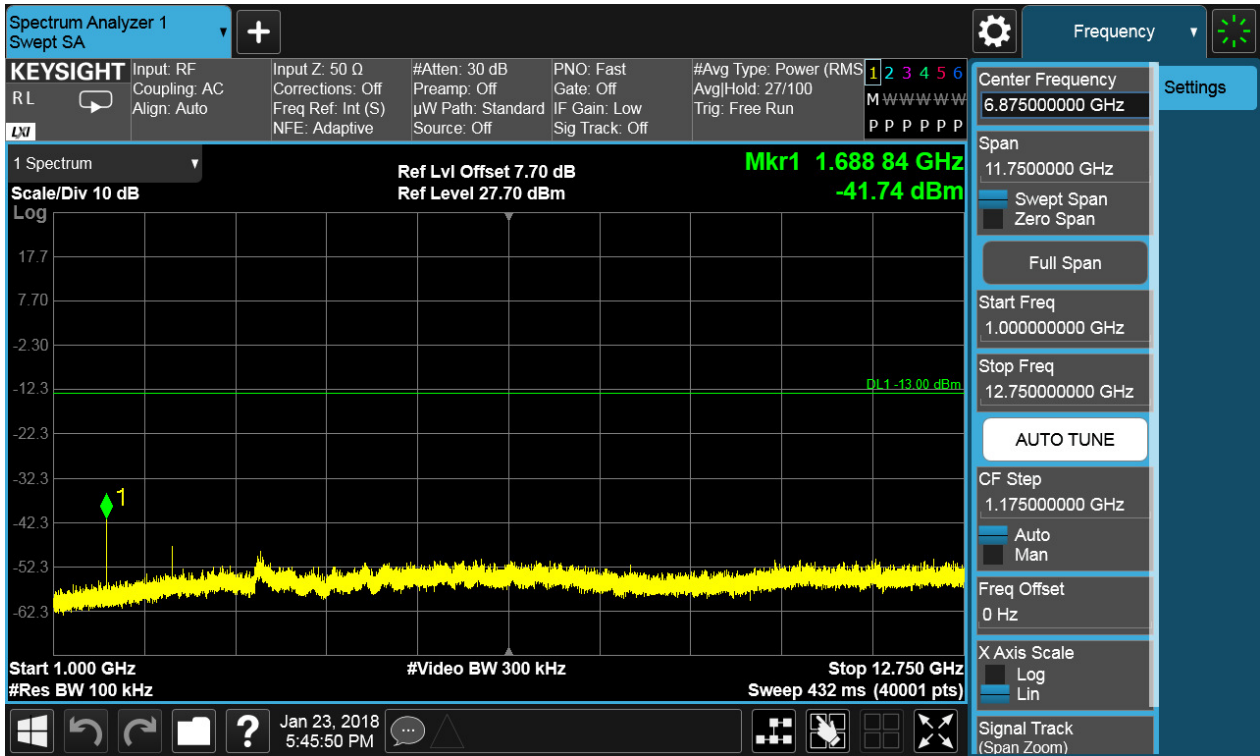
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





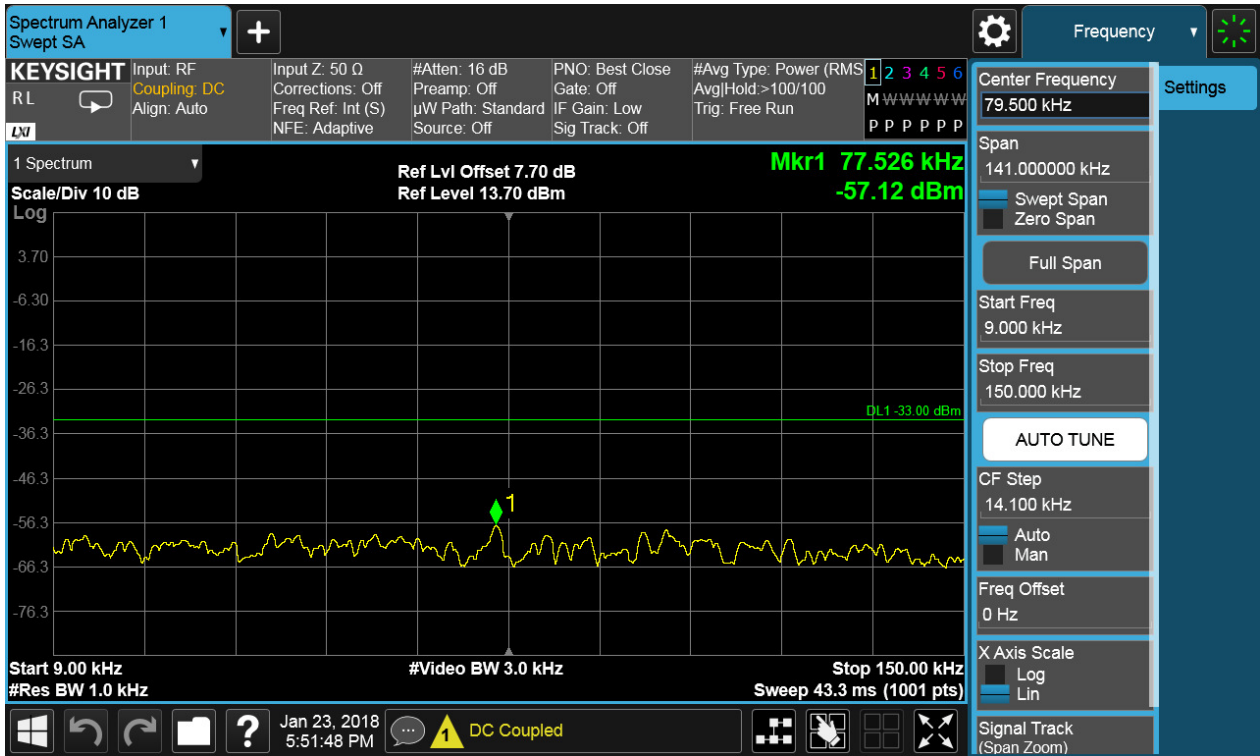


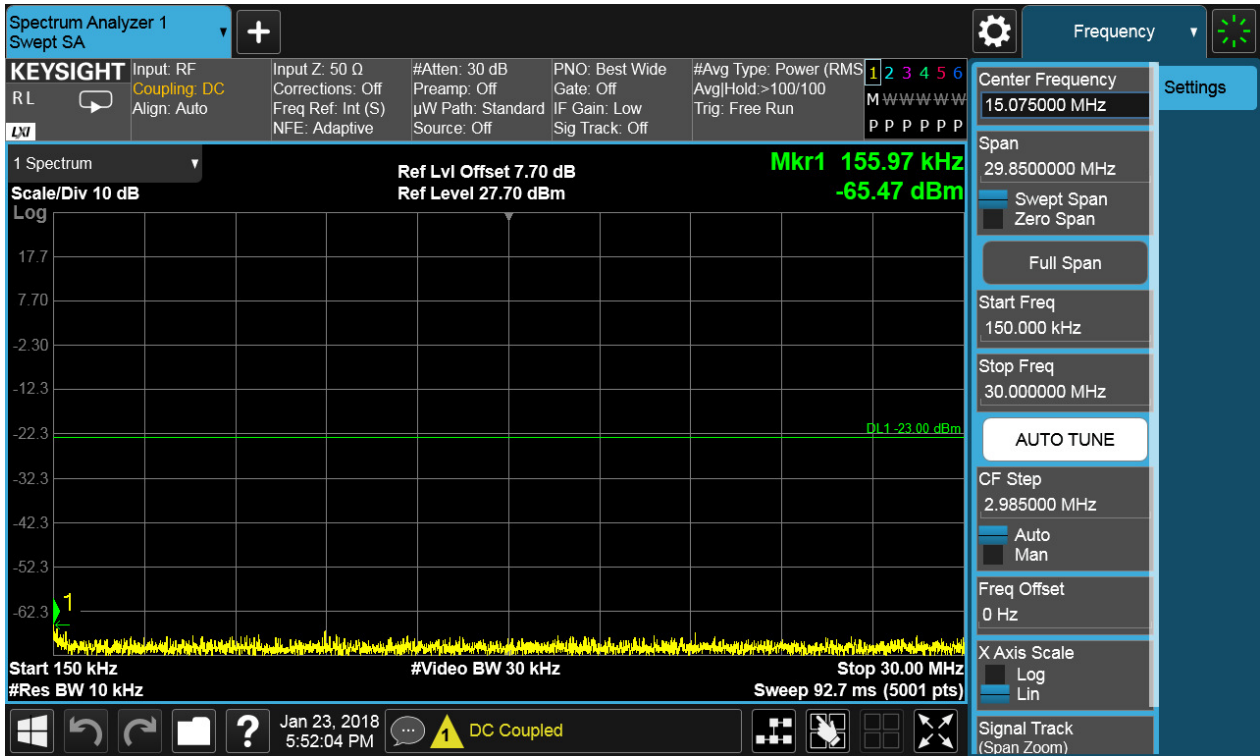


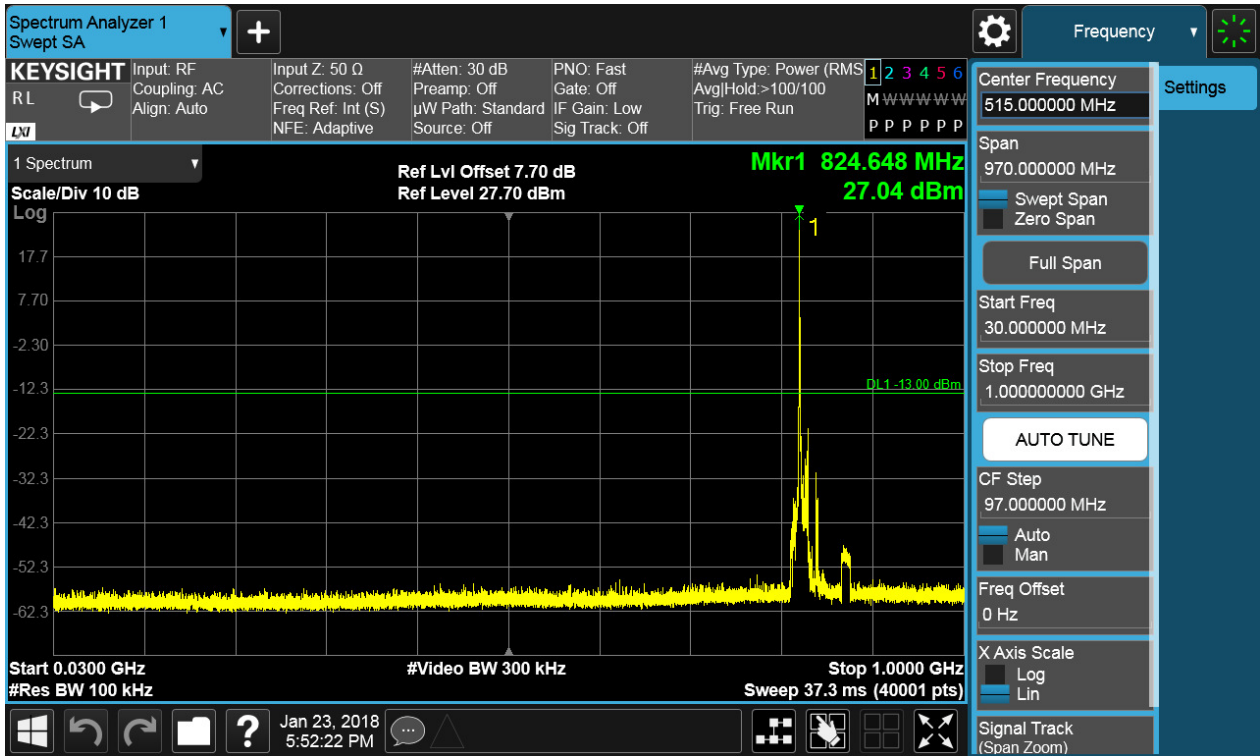
6.1.1.2.4 Test Bandwidth = 10

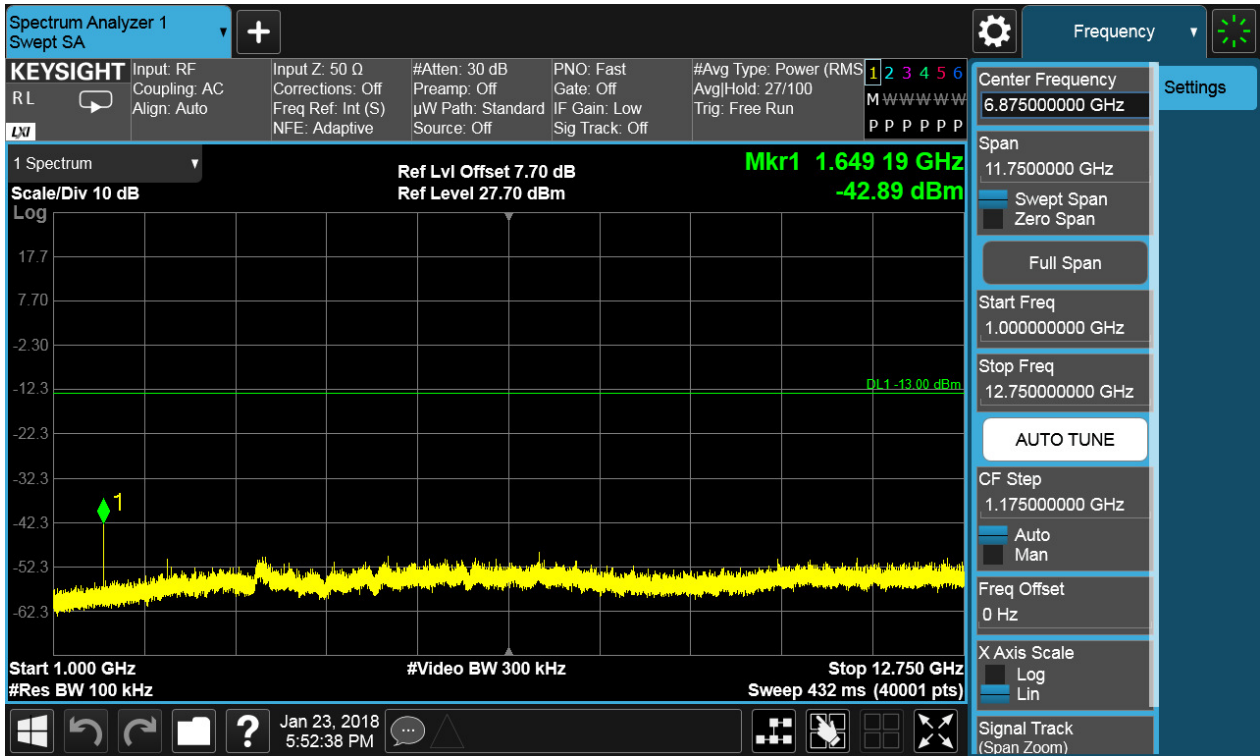
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



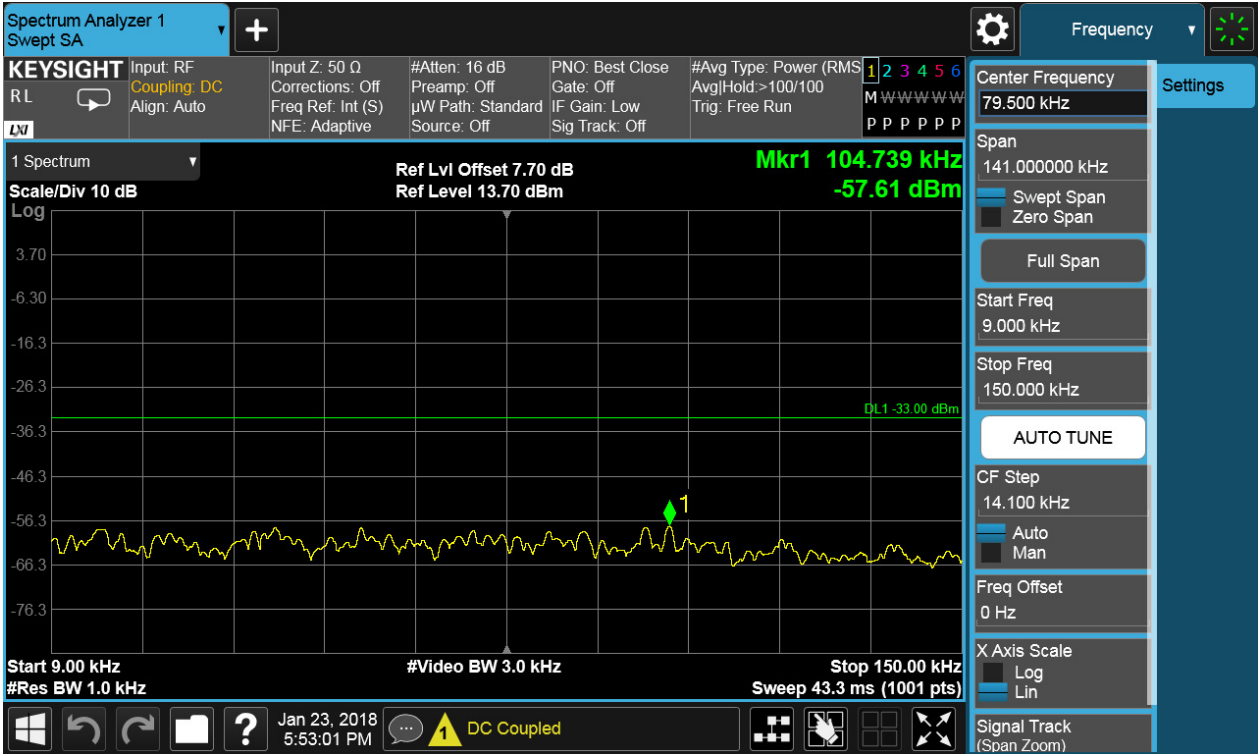


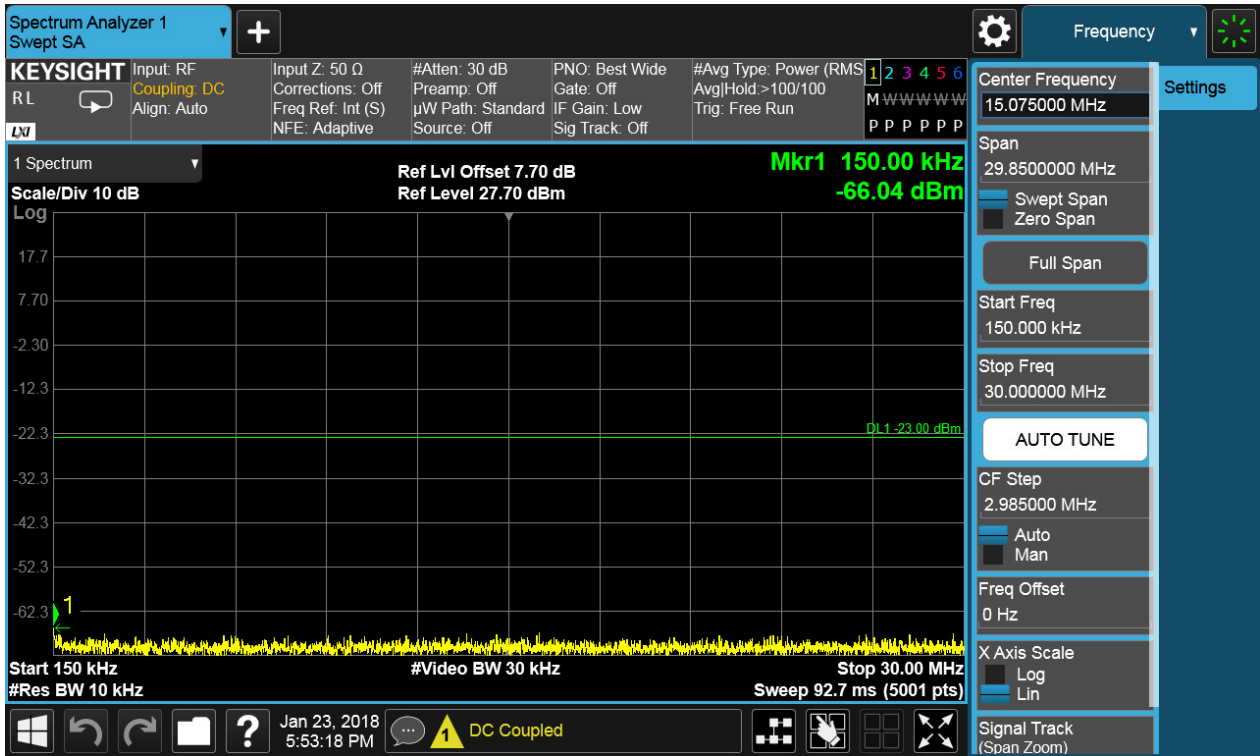


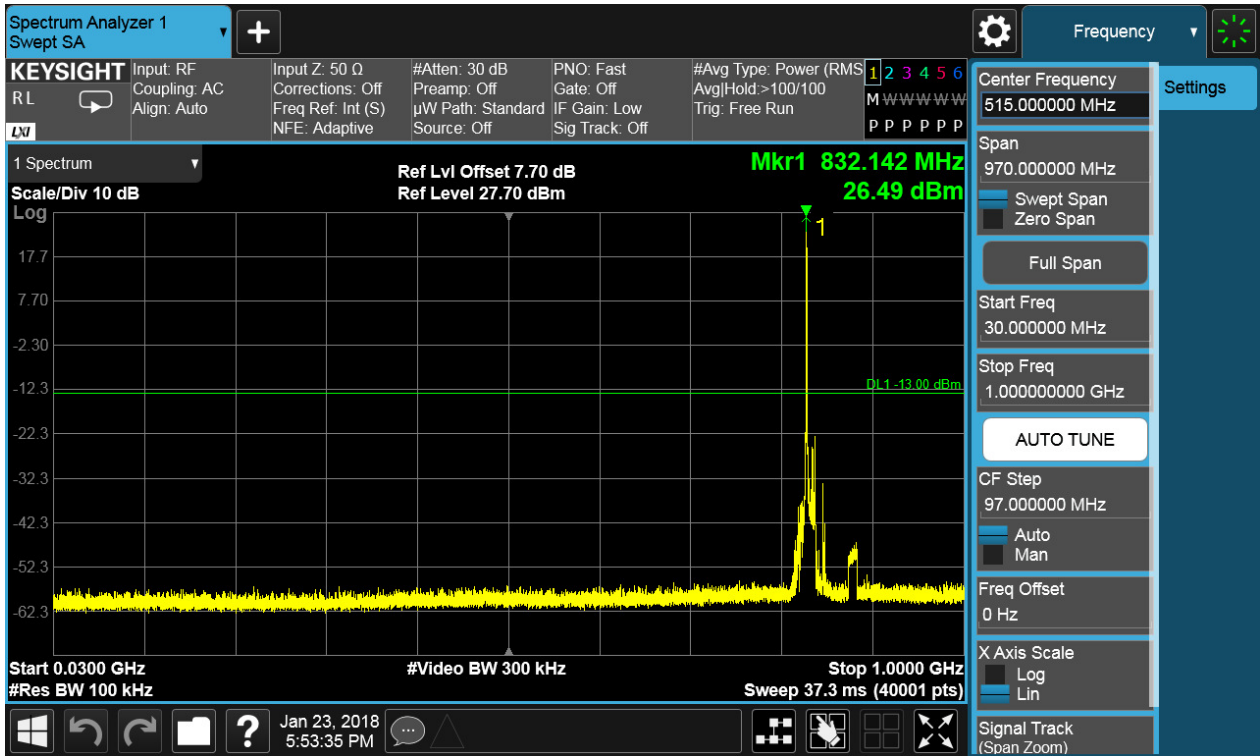


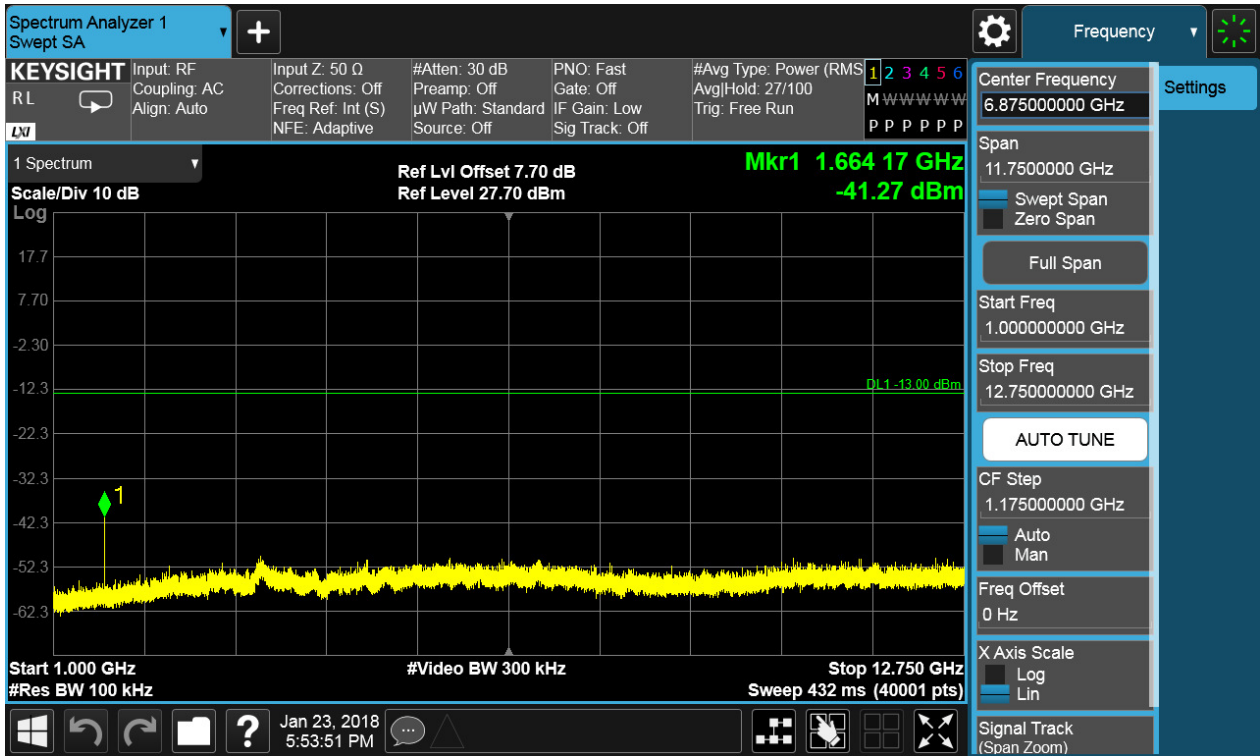
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



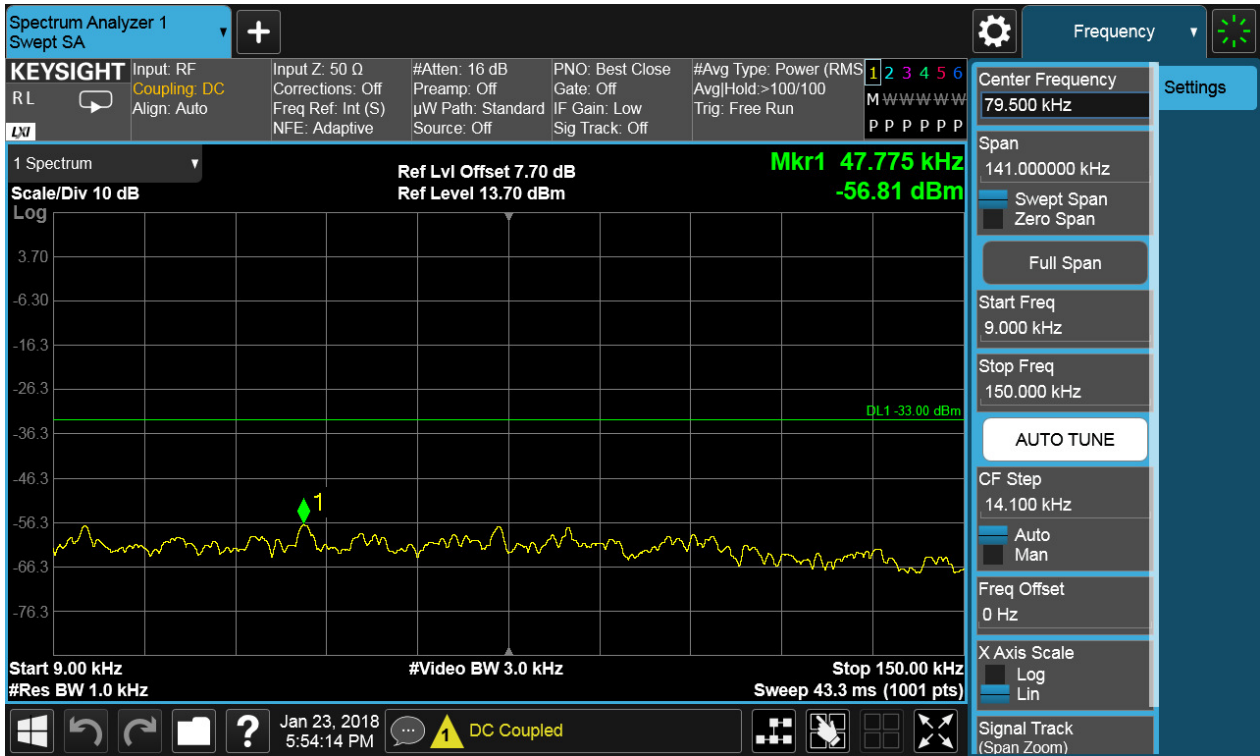


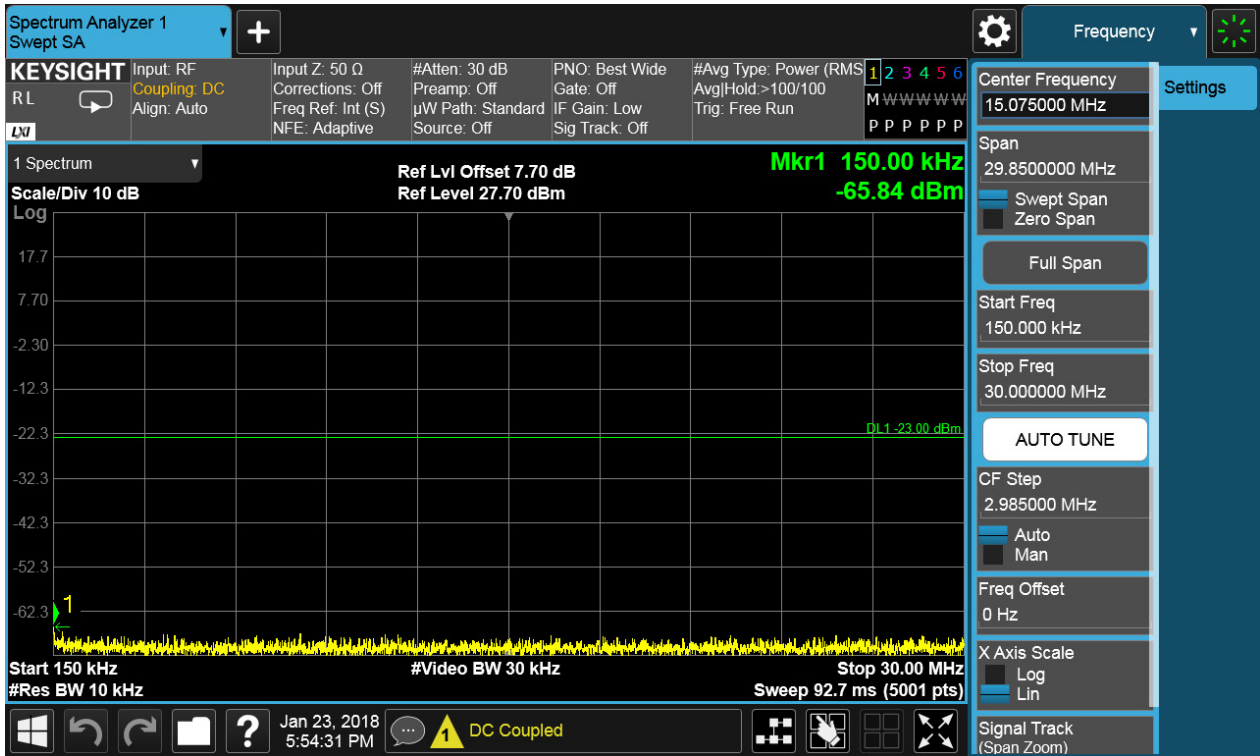


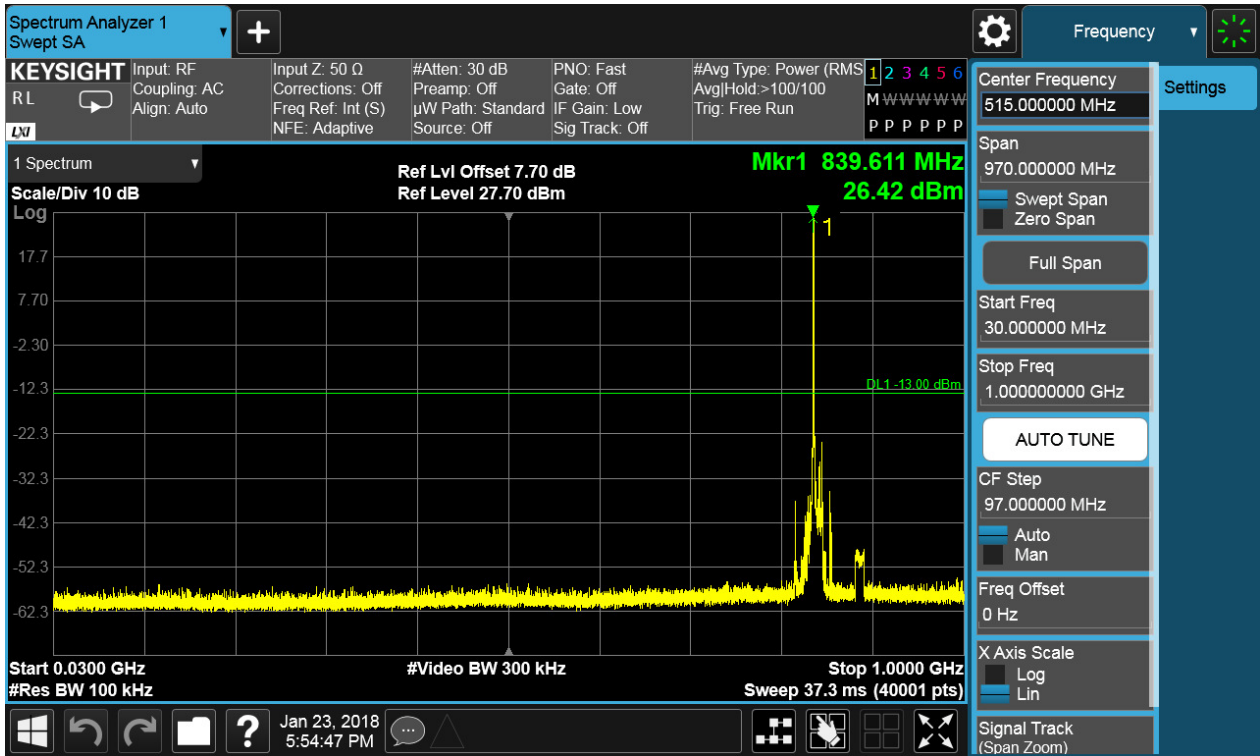


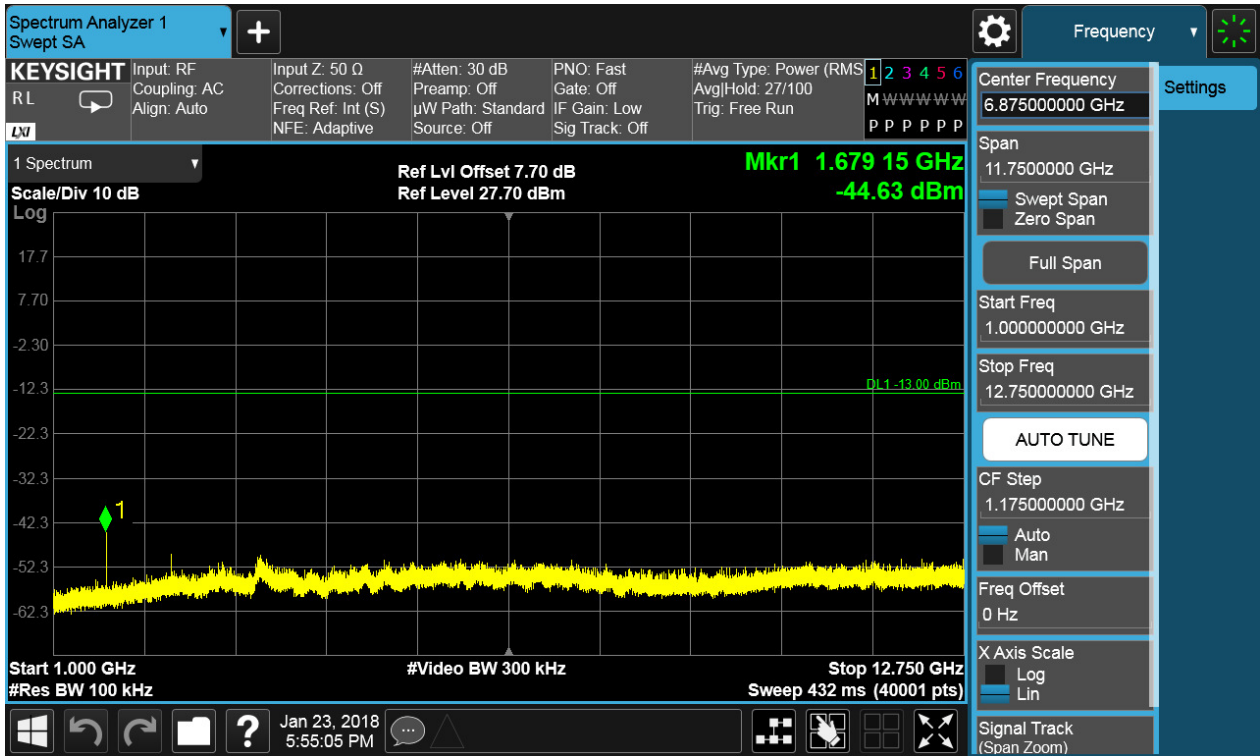
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

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

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

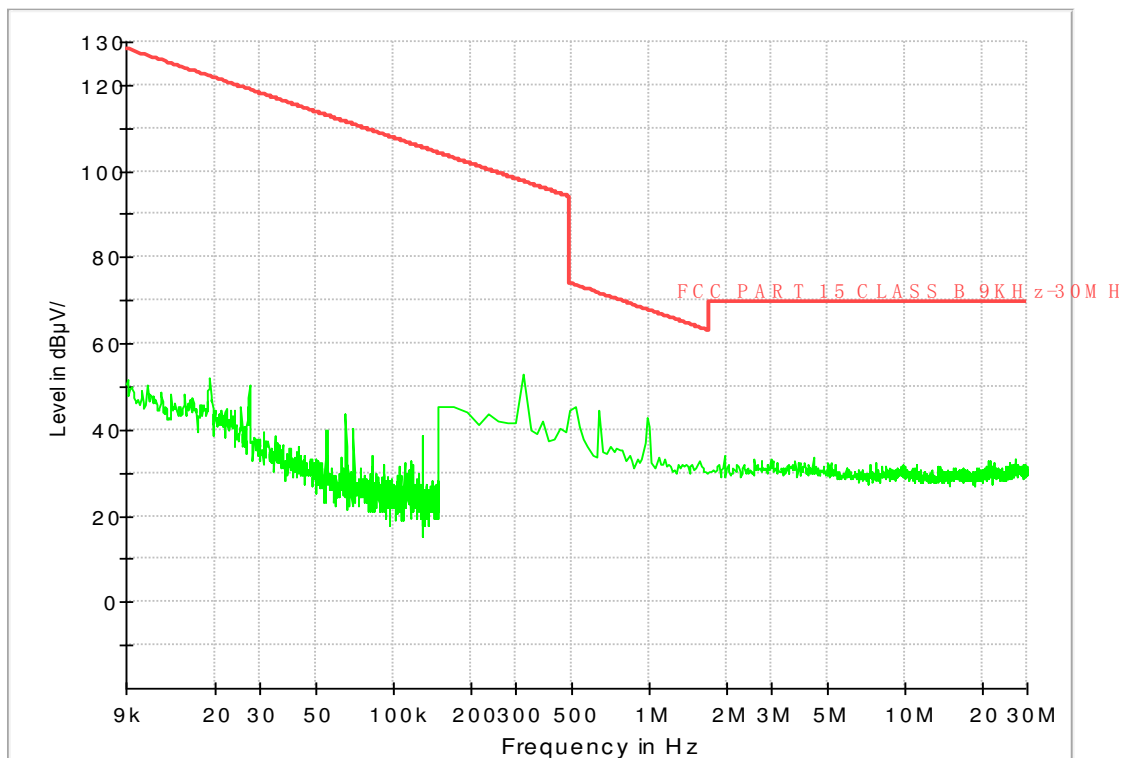
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

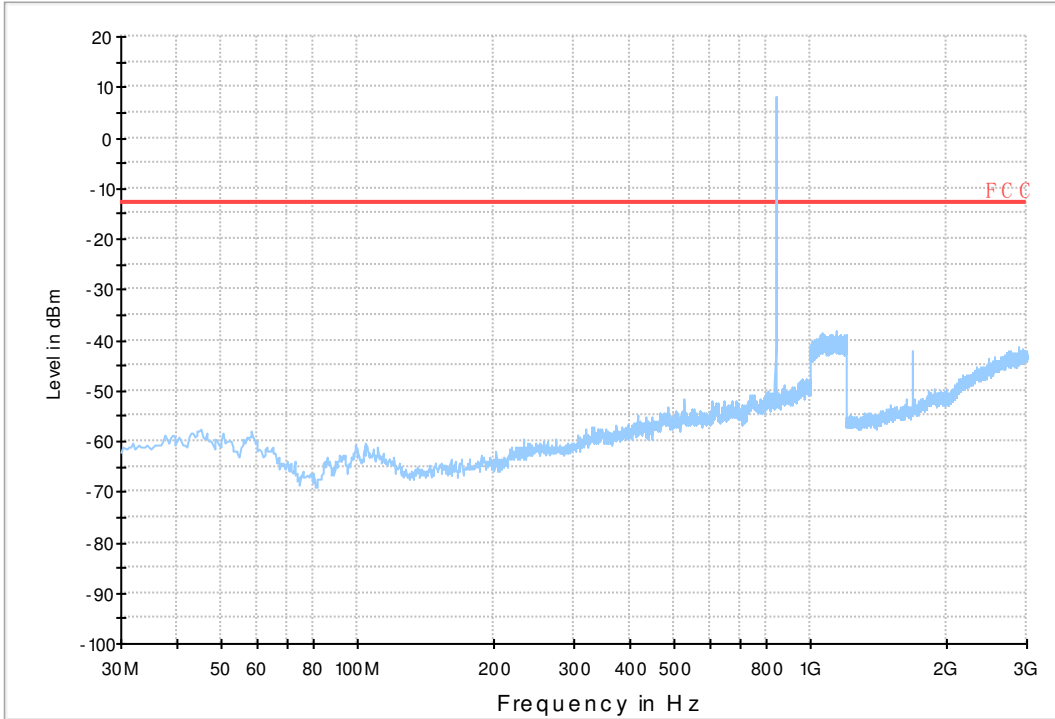
7.1 For LTE

7.1.1 Test Band = BAND5

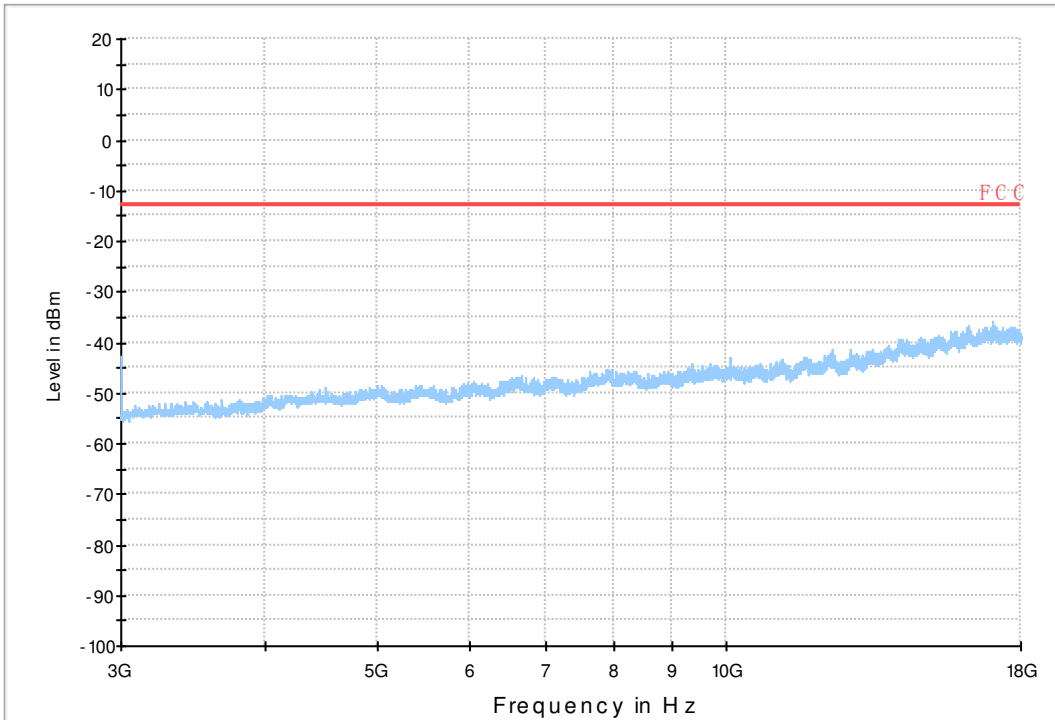
7.1.1.1 Test Bandwidth = 1.4



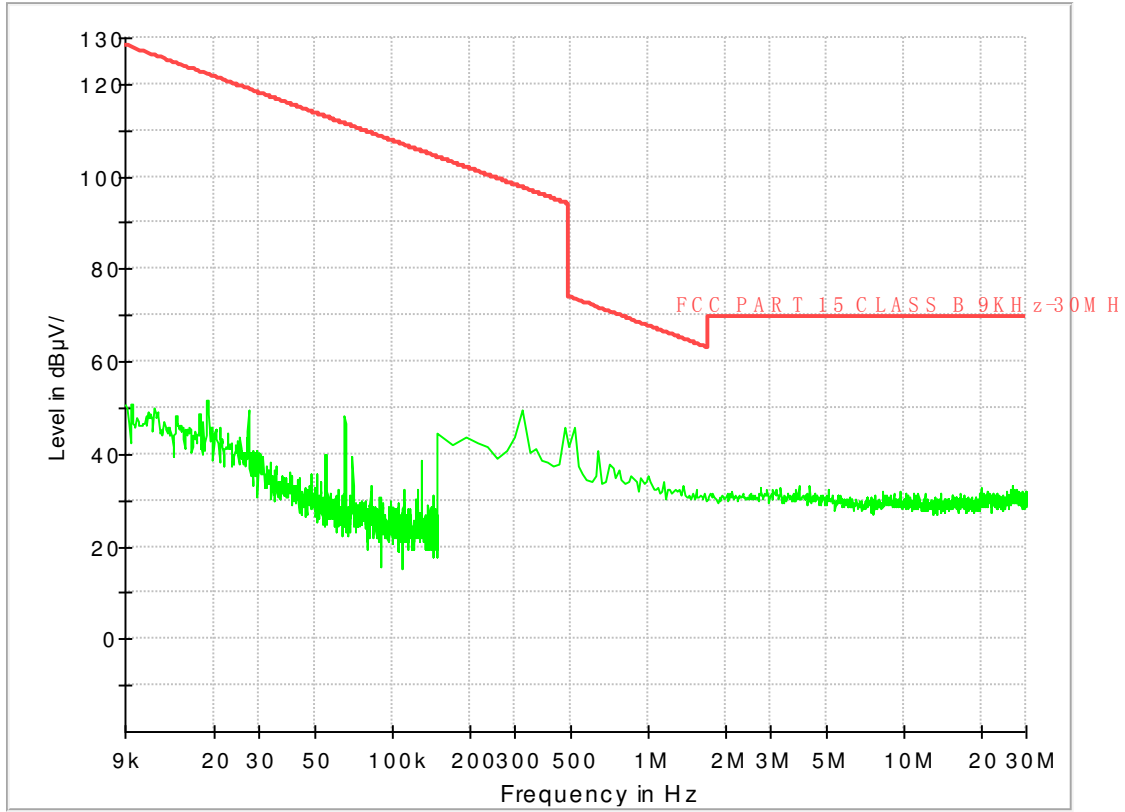
Copy of RSE-TX-DIRECTOR BELOW 1G_L



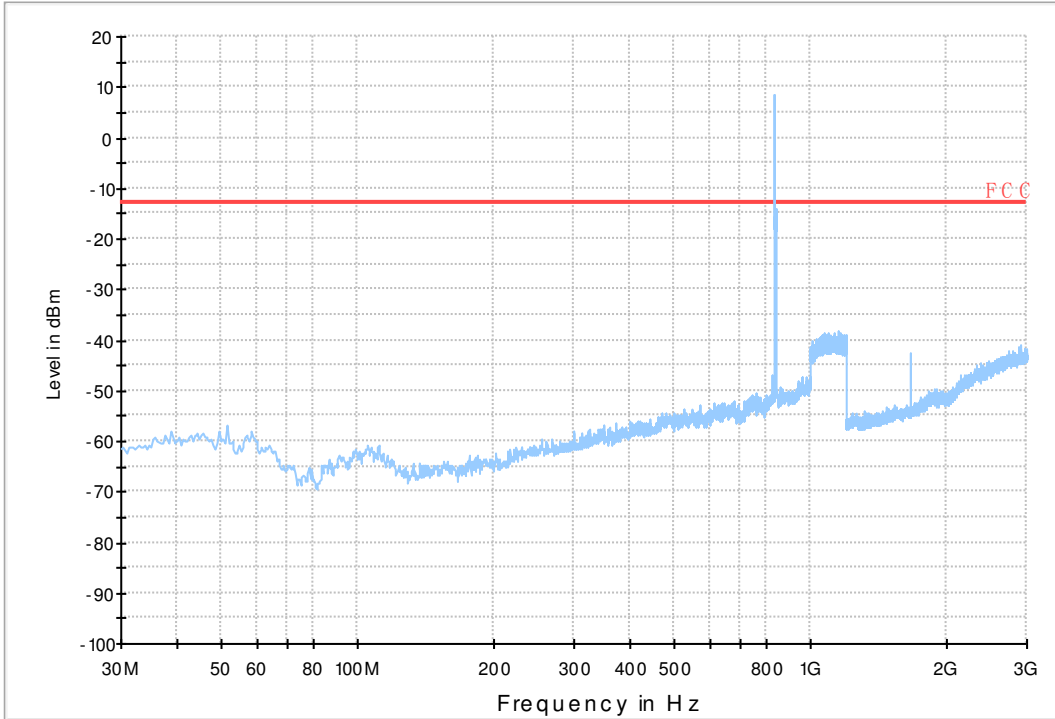
Copy of RSE-TX-DIRECTOR BELOW 1G_H



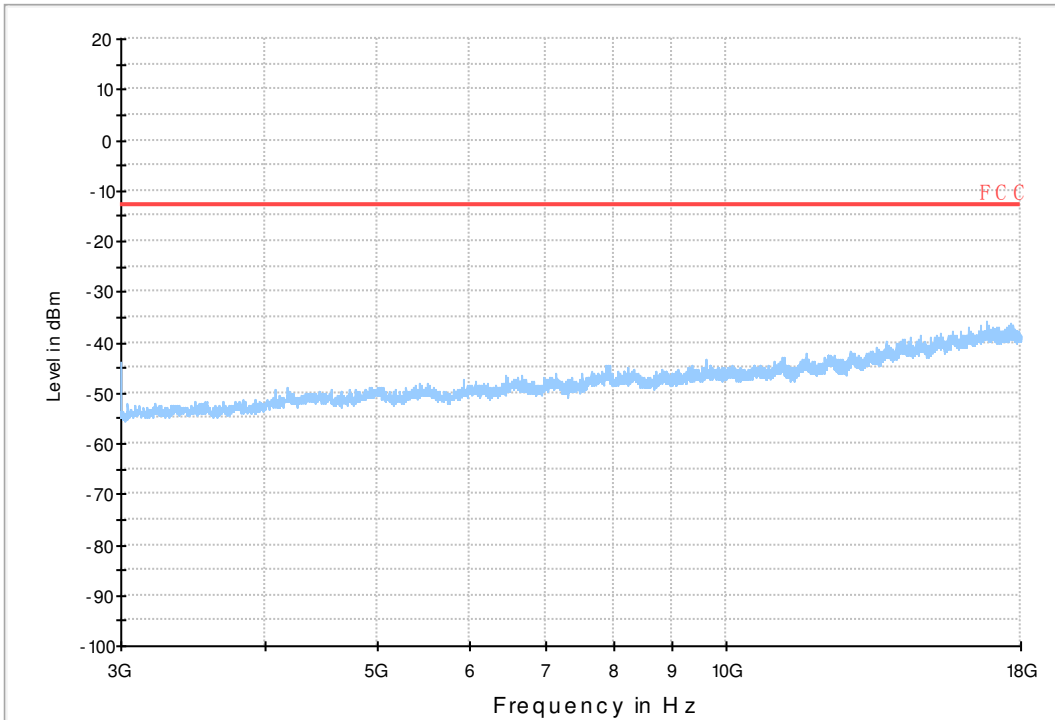
7.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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 |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND5 | LTE/TM1 | 1.4 | LCH | TN | VL | -7.95 | -0.00964 | PASS |
| | | | | | VN | 1.63 | 0.00198 | PASS |
| | | | | | VH | 1.02 | 0.00124 | PASS |
| | | | MCH | TN | VL | -12.26 | -0.01466 | PASS |
| | | | | | VN | -6.14 | -0.00734 | PASS |
| | | | | | VH | -16.25 | -0.01943 | PASS |
| | | | HCH | TN | VL | -1.04 | -0.00123 | PASS |
| | | | | | VN | -6.84 | -0.00806 | PASS |
| | | | | | VH | 1.06 | 0.00125 | PASS |
| | | 3 | LCH | TN | VL | -0.16 | -0.00019 | PASS |
| | | | | | VN | -2.23 | -0.0027 | PASS |
| | | | | | VH | -2.22 | -0.00269 | PASS |
| | | | MCH | TN | VL | 16.41 | 0.01962 | PASS |
| | | | | | VN | 22.30 | 0.02666 | PASS |
| | | | | | VH | 29.45 | 0.03521 | PASS |
| | | | HCH | TN | VL | -1.59 | -0.00188 | PASS |
| | | | | | VN | -0.89 | -0.00105 | PASS |
| | | | | | VH | -2.16 | -0.00255 | PASS |
| | | 5 | LCH | TN | VL | -1.65 | -0.002 | PASS |
| | | | | | VN | 1.63 | 0.00197 | PASS |
| | | | | | VH | -0.06 | -0.00007 | PASS |
| | | | MCH | TN | VL | -7.71 | -0.00922 | PASS |
| | | | | | VN | -1.37 | -0.00164 | PASS |
| | | | | | VH | -1.70 | -0.00203 | PASS |
| | | | HCH | TN | VL | 0.49 | 0.00058 | PASS |
| | | | | | VN | -1.62 | -0.00191 | PASS |
| | | | | | VH | 1.75 | 0.00207 | PASS |
| | | 10 | LCH | TN | VL | -0.73 | -0.00088 | PASS |
| | | | | | VN | -0.33 | -0.0004 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|--|
| | LTE/TM2 | 1.4 | MCH | TN | VH | 2.02 | 0.00244 | PASS | |
| | | | | | VL | 1.07 | 0.00128 | PASS | |
| | | | | | VN | -1.22 | -0.00146 | PASS | |
| | | | | | VH | -2.57 | -0.00307 | PASS | |
| | | | | | VL | 0.92 | 0.00109 | PASS | |
| | | | | | VN | -0.47 | -0.00056 | PASS | |
| | | | VH | -0.11 | -0.00013 | PASS | | | |
| | | | HCH | TN | VL | -1.87 | -0.00227 | PASS | |
| | | | | | VN | 0.63 | 0.00076 | PASS | |
| | | | | | VH | -2.53 | -0.00307 | PASS | |
| | | | | | VL | -30.94 | -0.03699 | PASS | |
| | | | | | VN | -102.42 | -0.12244 | PASS | |
| | | VH | | | -9.70 | -0.0116 | PASS | | |
| | | LCH | TN | VL | 0.72 | 0.00085 | PASS | | |
| | | | | VN | 0.41 | 0.00048 | PASS | | |
| | | | | VH | -1.70 | -0.002 | PASS | | |
| | | | | VL | -2.20 | -0.00267 | PASS | | |
| | | | | VN | 0.62 | 0.00075 | PASS | | |
| | | | | VH | -0.99 | -0.0012 | PASS | | |
| | | 3 | MCH | TN | VL | -12.43 | -0.01486 | PASS | |
| | | | | | VN | -30.70 | -0.0367 | PASS | |
| | | | | | VH | -30.93 | -0.03698 | PASS | |
| | | | | | VL | 2.40 | 0.00283 | PASS | |
| | | | | | VN | -1.86 | -0.00219 | PASS | |
| | | | | | VH | 0.07 | 0.00008 | PASS | |
| | | | HCH | TN | VL | -0.99 | -0.0012 | PASS | |
| | | | | | VN | -0.94 | -0.00114 | PASS | |
| | | | | | VH | -3.68 | -0.00445 | PASS | |
| | | 5 | MCH | TN | VL | 3.32 | 0.00397 | PASS | |
| | | | | | VN | -4.78 | -0.00571 | PASS | |
| | | | | | VH | 9.18 | 0.01097 | PASS | |
| | | | | | VL | -0.87 | -0.00103 | PASS | |
| | | | | | VN | 0.87 | 0.00103 | PASS | |
| | | | | | VH | 1.22 | 0.00144 | PASS | |
| | | | LCH | TN | VL | -1.32 | -0.00159 | PASS | |
| | | | | | VN | -0.11 | -0.00013 | PASS | |
| | | | | | VH | -1.37 | -0.00165 | PASS | |
| | | VL | | | 5.24 | 0.00626 | PASS | | |
| | | VN | | | 2.32 | 0.00277 | PASS | | |
| | | | | | | | | | |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| | | | | | VH | 2.57 | 0.00307 | PASS |
| | | | HCH | TN | VL | 0.94 | 0.00111 | PASS |
| | | | | | VN | 0.94 | 0.00111 | PASS |
| | | | | | VH | 1.76 | 0.00209 | PASS |
| | | | | | | | | |

8.1.2 Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | | |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|----------|----------|------|
| BAND5 | LTE/TM1 | 1.4 | LCH | VN | -30 | -0.26 | -0.00032 | PASS | | | |
| | | | | | -20 | -3.38 | -0.0041 | PASS | | | |
| | | | | | -10 | -6.51 | -0.00789 | PASS | | | |
| | | | | | 0 | -4.59 | -0.00557 | PASS | | | |
| | | | | | 10 | -2.88 | -0.00349 | PASS | | | |
| | | | | | 20 | -2.19 | -0.00266 | PASS | | | |
| | | | | | 30 | -0.86 | -0.00104 | PASS | | | |
| | | | | | 40 | -3.30 | -0.004 | PASS | | | |
| | | | 50 | -1.82 | -0.00221 | PASS | | | | | |
| | | | | | | MCH | VN | -30 | 114.78 | 0.13721 | PASS |
| | | | | | | | | -20 | 117.46 | 0.14042 | PASS |
| | | | | | | | | -10 | -2.20 | -0.00263 | PASS |
| | | | | | | | | 0 | 138.26 | 0.16528 | PASS |
| | | | | | | | | 10 | 170.77 | 0.20415 | PASS |
| | | | | | | | | 20 | 109.09 | 0.13041 | PASS |
| | | | | | | | | 30 | 100.29 | 0.11989 | PASS |
| | | | | | | | | 40 | 87.72 | 0.10487 | PASS |
| | | | | | | 50 | 89.36 | 0.10683 | PASS | | |
| | | | | | | HCH | VN | -30 | -1.79 | -0.00211 | PASS |
| | | | | | | | | -20 | -2.85 | -0.00336 | PASS |
| | | | | | | | | -10 | -2.39 | -0.00282 | PASS |
| | | | | | | | | 0 | -0.23 | -0.00027 | PASS |
| | | | | | | | | 10 | -0.70 | -0.00083 | PASS |
| | | | | | | | | 20 | -0.31 | -0.00037 | PASS |
| | | | | | 30 | | | -0.57 | -0.00067 | PASS | |
| | | | | | 40 | | | -6.25 | -0.00737 | PASS | |
| | | | | | 50 | -2.95 | -0.00348 | PASS | | | |
| | | | | 3 | LCH | VN | -30 | 0.20 | 0.00024 | PASS | |
| | | | | | | | | -20 | -0.30 | -0.00036 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
| | | | | | -10 | -0.07 | -0.00008 | PASS |
| | | | | | 0 | -2.02 | -0.00245 | PASS |
| | | | | | 10 | -0.29 | -0.00035 | PASS |
| | | | | | 20 | -1.16 | -0.00141 | PASS |
| | | | | | 30 | -0.34 | -0.00041 | PASS |
| | | | | | 40 | 1.82 | 0.0022 | PASS |
| | | | | | 50 | -4.85 | -0.00588 | PASS |
| | | | MCH | VN | -30 | -0.84 | -0.001 | PASS |
| | | | | | -20 | -0.73 | -0.00087 | PASS |
| | | | | | -10 | -0.96 | -0.00115 | PASS |
| | | | | | 0 | 0.41 | 0.00049 | PASS |
| | | | | | 10 | -1.47 | -0.00176 | PASS |
| | | | | | 20 | -2.03 | -0.00243 | PASS |
| | | | | | 30 | -1.30 | -0.00155 | PASS |
| | | | HCH | VN | 40 | -1.70 | -0.00203 | PASS |
| | | | | | 50 | -0.37 | -0.00044 | PASS |
| | | | | | -30 | -0.44 | -0.00052 | PASS |
| | | | | | -20 | -3.85 | -0.00454 | PASS |
| | | | | | -10 | -1.20 | -0.00142 | PASS |
| | | | | | 0 | -4.22 | -0.00498 | PASS |
| | | | | | 10 | 2.22 | 0.00262 | PASS |
| | | | LCH | VN | 20 | 1.27 | 0.0015 | PASS |
| | | | | | 30 | -3.56 | -0.0042 | PASS |
| | | | | | 40 | -9.00 | -0.01062 | PASS |
| | | | | | 50 | 0.34 | 0.0004 | PASS |
| | | | | | -30 | -1.97 | -0.00238 | PASS |
| | | | | | -20 | 0.23 | 0.00028 | PASS |
| | | | | | -10 | -3.83 | -0.00463 | PASS |
| | | | MCH | VN | 0 | -4.22 | -0.00511 | PASS |
| | | | | | 10 | -3.55 | -0.0043 | PASS |
| 20 | -0.62 | -0.00075 | | | PASS | | | |
| 30 | -0.74 | -0.0009 | | | PASS | | | |
| 40 | -1.77 | -0.00214 | | | PASS | | | |
| 50 | 0.19 | 0.00023 | | | PASS | | | |
| -30 | -6.72 | -0.00803 | | | PASS | | | |
| | | 5 | MCH | VN | -20 | -4.42 | -0.00528 | PASS |
| | | | | | -10 | -10.01 | -0.01197 | PASS |
| | | | | | 0 | -9.64 | -0.01152 | PASS |
| | | | | | 10 | 0.76 | 0.00091 | PASS |
| | | | | | 50 | 0.19 | 0.00023 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|----------|------|
| | | | | | 20 | -0.21 | -0.00025 | PASS | | |
| | | | | | 30 | -6.78 | -0.00811 | PASS | | |
| | | | | | 40 | 0.24 | 0.00029 | PASS | | |
| | | | | | 50 | -2.83 | -0.00338 | PASS | | |
| | | | HCH | VN | -30 | -0.29 | -0.00034 | PASS | | |
| | | | | | -20 | -0.86 | -0.00102 | PASS | | |
| | | | | | -10 | -0.57 | -0.00067 | PASS | | |
| | | | | | 0 | 1.36 | 0.00161 | PASS | | |
| | | | | | 10 | -0.41 | -0.00048 | PASS | | |
| | | | | | 20 | 0.96 | 0.00113 | PASS | | |
| | | | | | 30 | -1.26 | -0.00149 | PASS | | |
| | | | | | 40 | -1.32 | -0.00156 | PASS | | |
| | | | | | 50 | -1.67 | -0.00197 | PASS | | |
| | | | | | LCH | VN | -30 | -0.33 | -0.0004 | PASS |
| | | | | | | | -20 | -0.44 | -0.00053 | PASS |
| | | | | | | | -10 | 0.26 | 0.00031 | PASS |
| | | 0 | -0.07 | -0.00008 | | | PASS | | | |
| | | 10 | -1.39 | -0.00168 | | | PASS | | | |
| | | 20 | -1.54 | -0.00186 | | | PASS | | | |
| | | 30 | 0.21 | 0.00025 | | | PASS | | | |
| | | 40 | -1.40 | -0.00169 | | | PASS | | | |
| | | MCH | VN | 50 | 0.36 | 0.00043 | PASS | | | |
| | | | | -30 | -2.10 | -0.00251 | PASS | | | |
| | | | | -20 | -2.69 | -0.00322 | PASS | | | |
| | | | | -10 | -3.39 | -0.00405 | PASS | | | |
| | | | | 0 | -2.06 | -0.00246 | PASS | | | |
| | | | | 10 | -1.42 | -0.0017 | PASS | | | |
| | | | | 20 | -4.16 | -0.00497 | PASS | | | |
| | | | | 30 | -3.06 | -0.00366 | PASS | | | |
| | | HCH | VN | 40 | -1.56 | -0.00186 | PASS | | | |
| | | | | 50 | -2.69 | -0.00322 | PASS | | | |
| | | | | -30 | -1.37 | -0.00162 | PASS | | | |
| | | | | -20 | -1.66 | -0.00197 | PASS | | | |
| | | | | -10 | -1.69 | -0.002 | PASS | | | |
| | | | | 0 | -1.30 | -0.00154 | PASS | | | |
| | | | | 10 | -1.34 | -0.00159 | PASS | | | |
| | | | | 20 | -1.14 | -0.00135 | PASS | | | |
| | | 30 | -0.47 | -0.00056 | PASS | | | | | |
| | | 40 | -1.14 | -0.00135 | PASS | | | | | |
| | | 10 | | | | | -30 | -0.33 | -0.0004 | PASS |
| -20 | -0.44 | | | | | | -0.00053 | PASS | | |
| -10 | 0.26 | | | | | | 0.00031 | PASS | | |
| 0 | -0.07 | | | | | | -0.00008 | PASS | | |
| LCH | VN | | | | 10 | -1.39 | -0.00168 | PASS | | |
| | | | | | 20 | -1.54 | -0.00186 | PASS | | |
| | | | | | 30 | 0.21 | 0.00025 | PASS | | |
| | | | | | 40 | -1.40 | -0.00169 | PASS | | |
| MCH | VN | | | 50 | 0.36 | 0.00043 | PASS | | | |
| | | | | -30 | -2.10 | -0.00251 | PASS | | | |
| | | | | -20 | -2.69 | -0.00322 | PASS | | | |
| | | | | -10 | -3.39 | -0.00405 | PASS | | | |
| | | | | 0 | -2.06 | -0.00246 | PASS | | | |
| | | | | 10 | -1.42 | -0.0017 | PASS | | | |
| HCH | VN | 20 | -4.16 | -0.00497 | PASS | | | | | |
| | | 30 | -3.06 | -0.00366 | PASS | | | | | |
| | | 40 | -1.56 | -0.00186 | PASS | | | | | |
| | | 50 | -2.69 | -0.00322 | PASS | | | | | |
| | | -30 | -1.37 | -0.00162 | PASS | | | | | |
| | | -20 | -1.66 | -0.00197 | PASS | | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|---------|
| | LTE/TM2 | 1.4 | LCH | VN | 50 | -1.02 | -0.00121 | PASS |
| | | | | | -30 | -1.82 | -0.00221 | PASS |
| | | | | | -20 | -2.30 | -0.00279 | PASS |
| | | | | | -10 | 0.34 | 0.00041 | PASS |
| | | | | | 0 | -1.33 | -0.00161 | PASS |
| | | | | | 10 | -4.92 | -0.00597 | PASS |
| | | | | | 20 | -6.72 | -0.00815 | PASS |
| | | | | | 30 | -4.98 | -0.00604 | PASS |
| | | | | | 40 | -4.26 | -0.00517 | PASS |
| | | | 50 | -3.60 | -0.00437 | PASS | | |
| | | | MCH | VN | -30 | 0.33 | 0.00039 | PASS |
| | | | | | -20 | -0.66 | -0.00079 | PASS |
| | | | | | -10 | 0.66 | 0.00079 | PASS |
| | | | | | 0 | 0.37 | 0.00044 | PASS |
| | | | | | 10 | -0.37 | -0.00044 | PASS |
| | | | | | 20 | -0.29 | -0.00035 | PASS |
| | | | | | 30 | 0.67 | 0.0008 | PASS |
| | | | | | 40 | -1.50 | -0.00179 | PASS |
| | | | | | 50 | 0.83 | 0.00099 | PASS |
| | | | HCH | VN | -30 | 2.05 | 0.00242 | PASS |
| | | | | | -20 | 1.16 | 0.00137 | PASS |
| | | | | | -10 | 0.43 | 0.00051 | PASS |
| | | | | | 0 | 0.73 | 0.00086 | PASS |
| | | | | | 10 | -0.57 | -0.00067 | PASS |
| | | 20 | | | -0.76 | -0.0009 | PASS | |
| | | 30 | | | -3.35 | -0.00395 | PASS | |
| | | 40 | | | -0.94 | -0.00111 | PASS | |
| | | 50 | | | -0.83 | -0.00098 | PASS | |
| | | 3 | LCH | VN | -30 | -1.63 | -0.00197 | PASS |
| | | | | | -20 | 1.70 | 0.00206 | PASS |
| | | | | | -10 | -0.34 | -0.00041 | PASS |
| | | | | | 0 | 1.22 | 0.00148 | PASS |
| | | | | | 10 | -3.33 | -0.00403 | PASS |
| | | | | | 20 | -1.85 | -0.00224 | PASS |
| | | | | | 30 | -1.00 | -0.00121 | PASS |
| | | | | | 40 | -1.14 | -0.00138 | PASS |
| | | | | | 50 | -4.32 | -0.00523 | PASS |
| | | | MCH | VN | -30 | -0.13 | -0.00016 | PASS |
| | | | | | -20 | -1.95 | -0.00233 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|----------|----------|---------|
| | | | | | -10 | -1.49 | -0.00178 | PASS | | |
| | | | | | 0 | -1.26 | -0.00151 | PASS | | |
| | | | | | 10 | -0.60 | -0.00072 | PASS | | |
| | | | | | 20 | -1.70 | -0.00203 | PASS | | |
| | | | | | 30 | 0.23 | 0.00027 | PASS | | |
| | | | | | 40 | -0.54 | -0.00065 | PASS | | |
| | | | | | 50 | 0.34 | 0.00041 | PASS | | |
| | | | | | HCH | VN | -30 | -0.99 | -0.00117 | PASS |
| | | | | | | | -20 | -1.59 | -0.00188 | PASS |
| | | | | | | | -10 | -0.74 | -0.00087 | PASS |
| | | | 0 | -0.97 | | | -0.00114 | PASS | | |
| | | | 10 | -1.75 | | | -0.00206 | PASS | | |
| | | | 20 | -2.66 | | | -0.00314 | PASS | | |
| | | | 30 | -2.33 | | | -0.00275 | PASS | | |
| | | | 40 | -1.42 | | | -0.00168 | PASS | | |
| | | | 50 | -2.75 | | | -0.00324 | PASS | | |
| | | | 5 | LCH | | | VN | -30 | -0.66 | -0.0008 |
| | | | | | -20 | -0.39 | | -0.00047 | PASS | |
| | | | | | -10 | -0.90 | | -0.00109 | PASS | |
| | | | | | 0 | 0.84 | | 0.00102 | PASS | |
| | | 10 | | | -0.34 | -0.00041 | | PASS | | |
| | | 20 | | | -0.36 | -0.00044 | | PASS | | |
| | | 30 | | | 0.04 | 0.00005 | | PASS | | |
| | | 40 | | | -0.69 | -0.00083 | | PASS | | |
| | | 50 | | | 0.77 | 0.00093 | | PASS | | |
| | | MCH | | | VN | -30 | | -9.11 | -0.01089 | PASS |
| | | | | -20 | | -8.78 | -0.0105 | PASS | | |
| | | | | -10 | | -4.18 | -0.005 | PASS | | |
| | | | | 0 | | -5.15 | -0.00616 | PASS | | |
| | | | | 10 | | -3.60 | -0.0043 | PASS | | |
| | | | | 20 | | -2.05 | -0.00245 | PASS | | |
| | | | | 30 | | -2.62 | -0.00313 | PASS | | |
| | | | | 40 | | -6.88 | -0.00822 | PASS | | |
| | | HCH | | VN | -30 | -0.73 | -0.00086 | PASS | | |
| | | | | | -20 | 0.96 | 0.00113 | PASS | | |
| | | | | | -10 | 0.19 | 0.00022 | PASS | | |
| | | | 0 | | -1.95 | -0.0023 | PASS | | | |
| | | | 10 | | -1.96 | -0.00232 | PASS | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp . | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | | |
|-----------|-----------|----------------------|--------------|------------|-------------|------------------|-----------------------|----------|-------|----------|------|
| | | | | | 20 | -0.24 | -0.00028 | PASS | | | |
| | | | | | 30 | 0.29 | 0.00034 | PASS | | | |
| | | | | | 40 | -0.76 | -0.0009 | PASS | | | |
| | | | | | 50 | -0.57 | -0.00067 | PASS | | | |
| | | 10 | | LCH | VN | -30 | 0.24 | 0.00029 | PASS | | |
| | | | | | | -20 | -1.77 | -0.00214 | PASS | | |
| | | | | | | -10 | -2.79 | -0.00337 | PASS | | |
| | | | | | | 0 | -0.40 | -0.00048 | PASS | | |
| | | | | | | 10 | -0.62 | -0.00075 | PASS | | |
| | | | | | | 20 | 0.23 | 0.00028 | PASS | | |
| | | | | | | 30 | -1.57 | -0.00189 | PASS | | |
| | | | | | | 40 | -1.39 | -0.00168 | PASS | | |
| | | | | | | 50 | -1.32 | -0.00159 | PASS | | |
| | | | | | | MCH | VN | -30 | -1.37 | -0.00164 | PASS |
| | | | | | | | | -20 | -1.42 | -0.0017 | PASS |
| | | | | | | | | -10 | -1.86 | -0.00222 | PASS |
| | | | | | | | | 0 | -2.76 | -0.0033 | PASS |
| | | | | | | | | 10 | -2.60 | -0.00311 | PASS |
| | | | | | | | | 20 | -1.47 | -0.00176 | PASS |
| | | | | | | | | 30 | -1.33 | -0.00159 | PASS |
| | | | | 40 | -2.15 | | | -0.00257 | PASS | | |
| | | | | HCH | VN | 50 | -2.33 | -0.00279 | PASS | | |
| | | | | | | -30 | -1.32 | -0.00156 | PASS | | |
| | | | | | | -20 | 0.10 | 0.00012 | PASS | | |
| | | | | | | -10 | 0.10 | 0.00012 | PASS | | |
| | | | | | | 0 | -0.90 | -0.00107 | PASS | | |
| | | | | | | 10 | -1.82 | -0.00216 | PASS | | |
| | | | | | | 20 | -5.65 | -0.00669 | PASS | | |
| | | | | | | 30 | -1.52 | -0.0018 | PASS | | |
| | | | | 40 | -3.19 | -0.00378 | PASS | | | | |
| | | | | 50 | -7.58 | -0.00898 | PASS | | | | |

END