

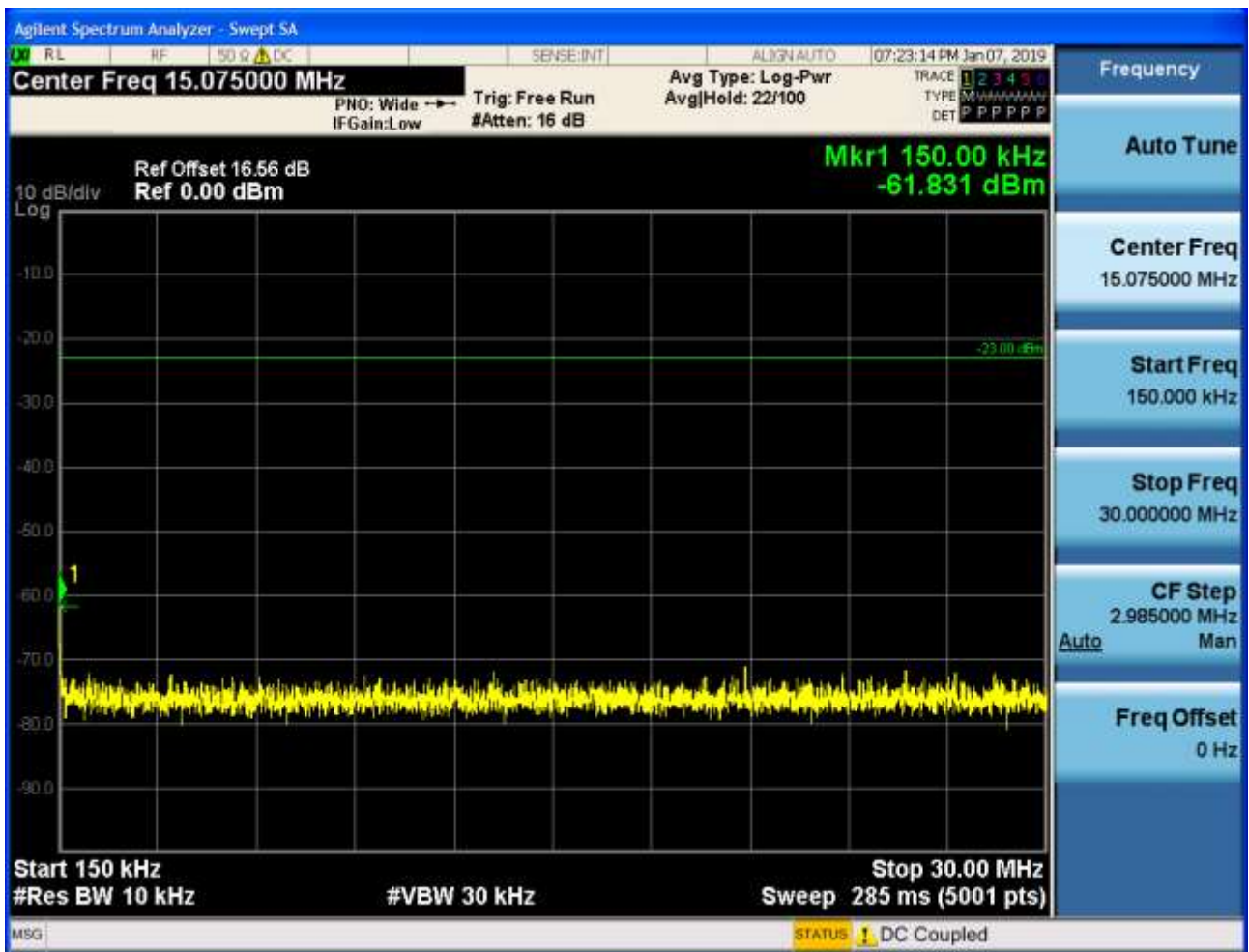
6.2.1.2 Test Mode = LTE/TM2

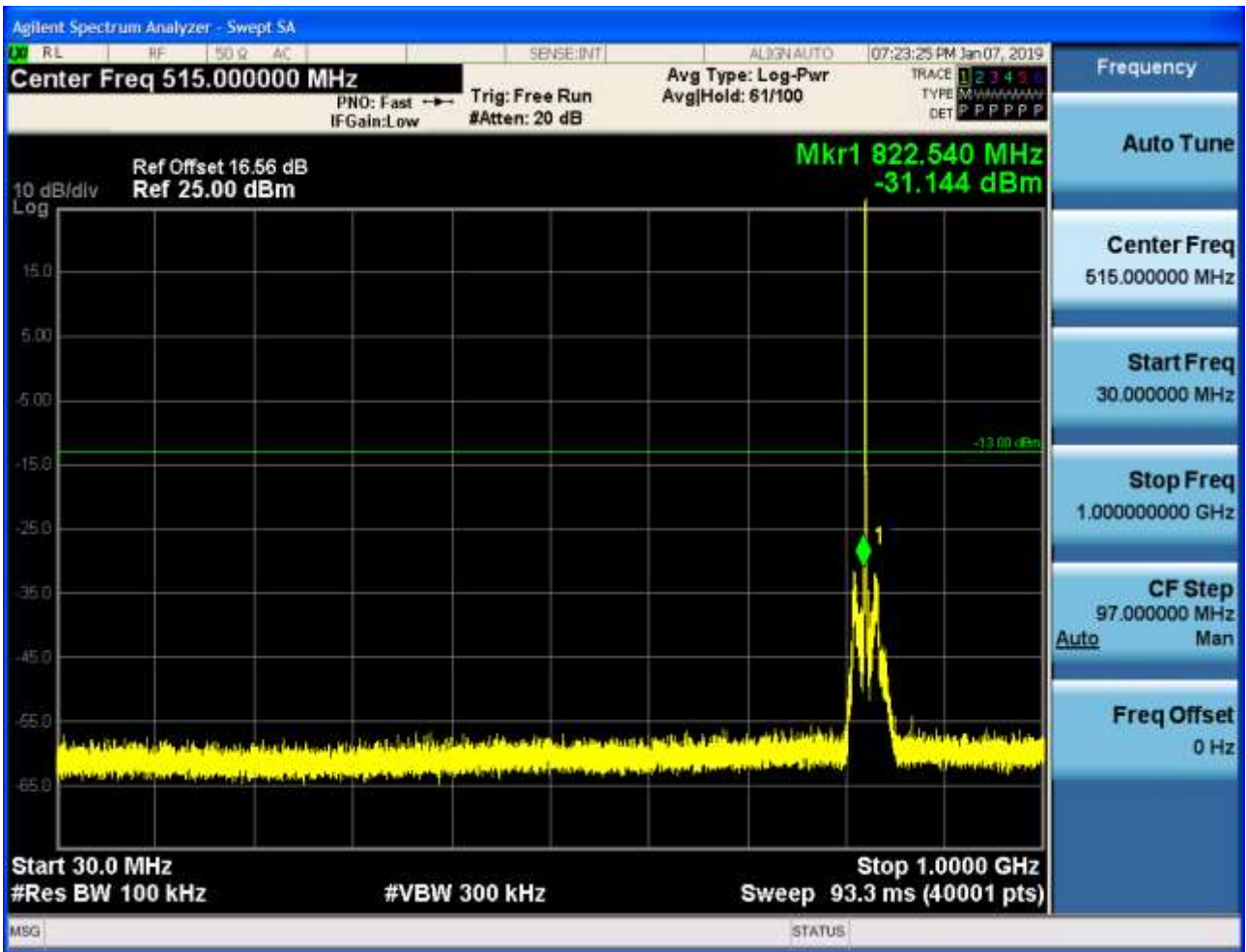
6.2.1.2.1 Test Bandwidth = 1.4

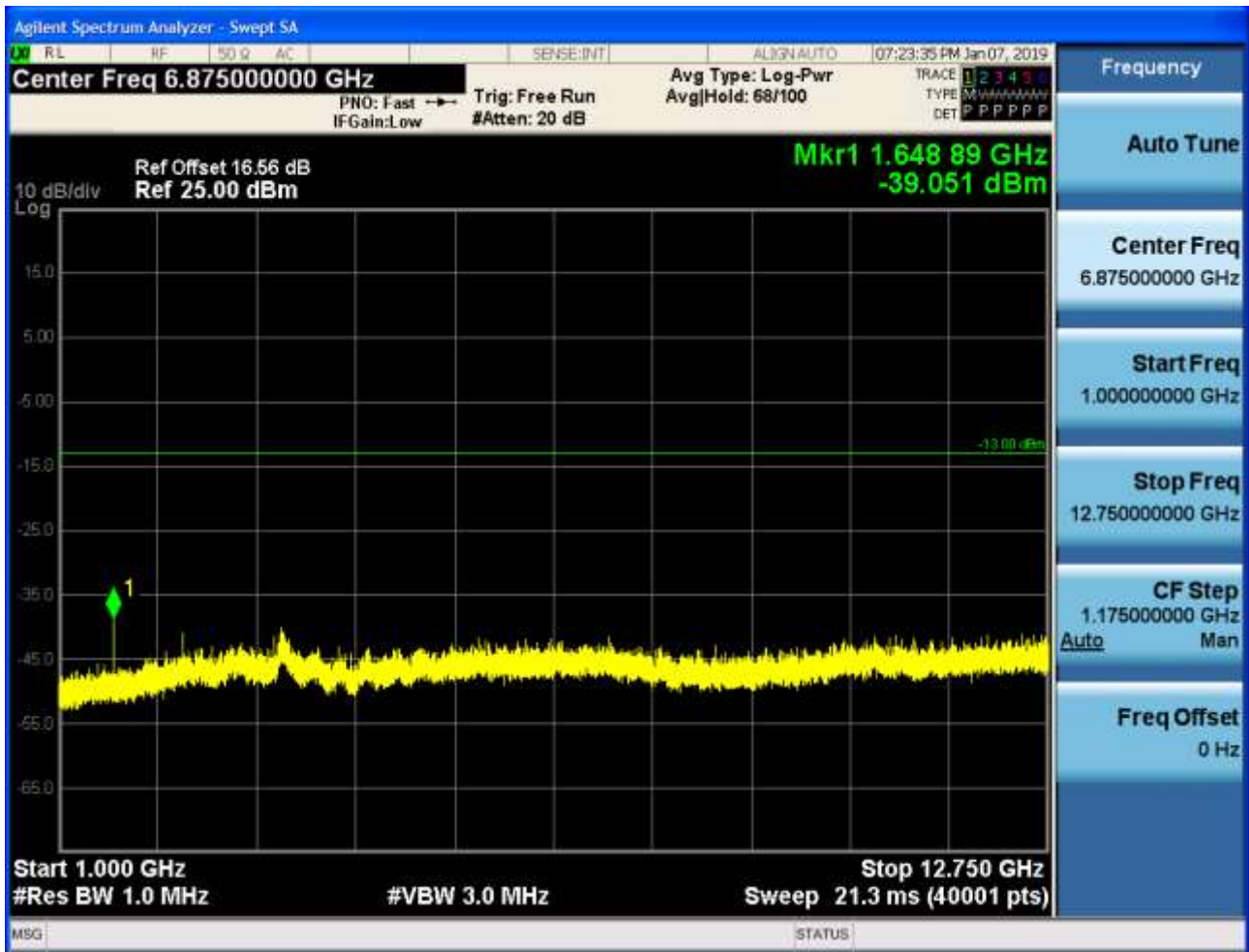
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



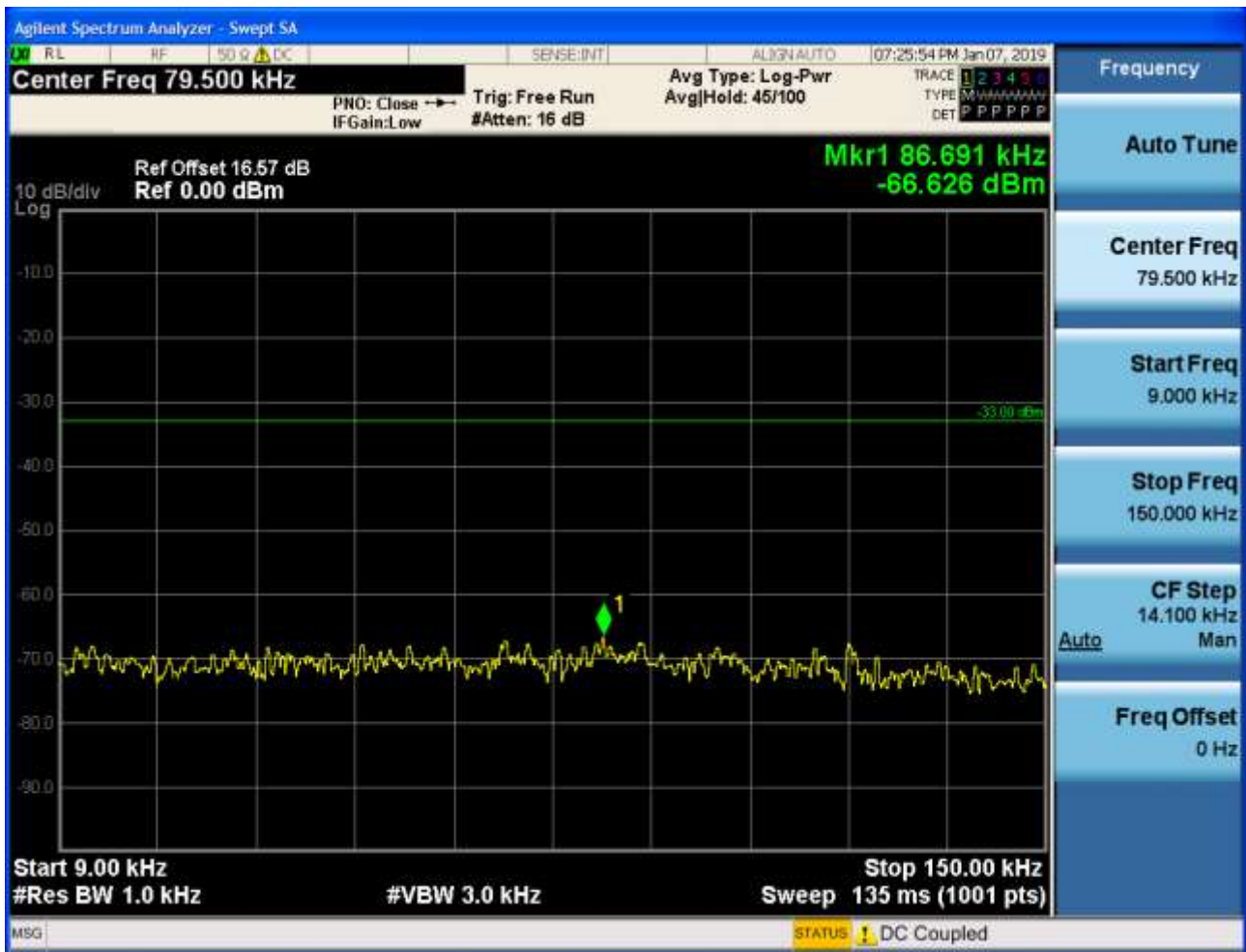


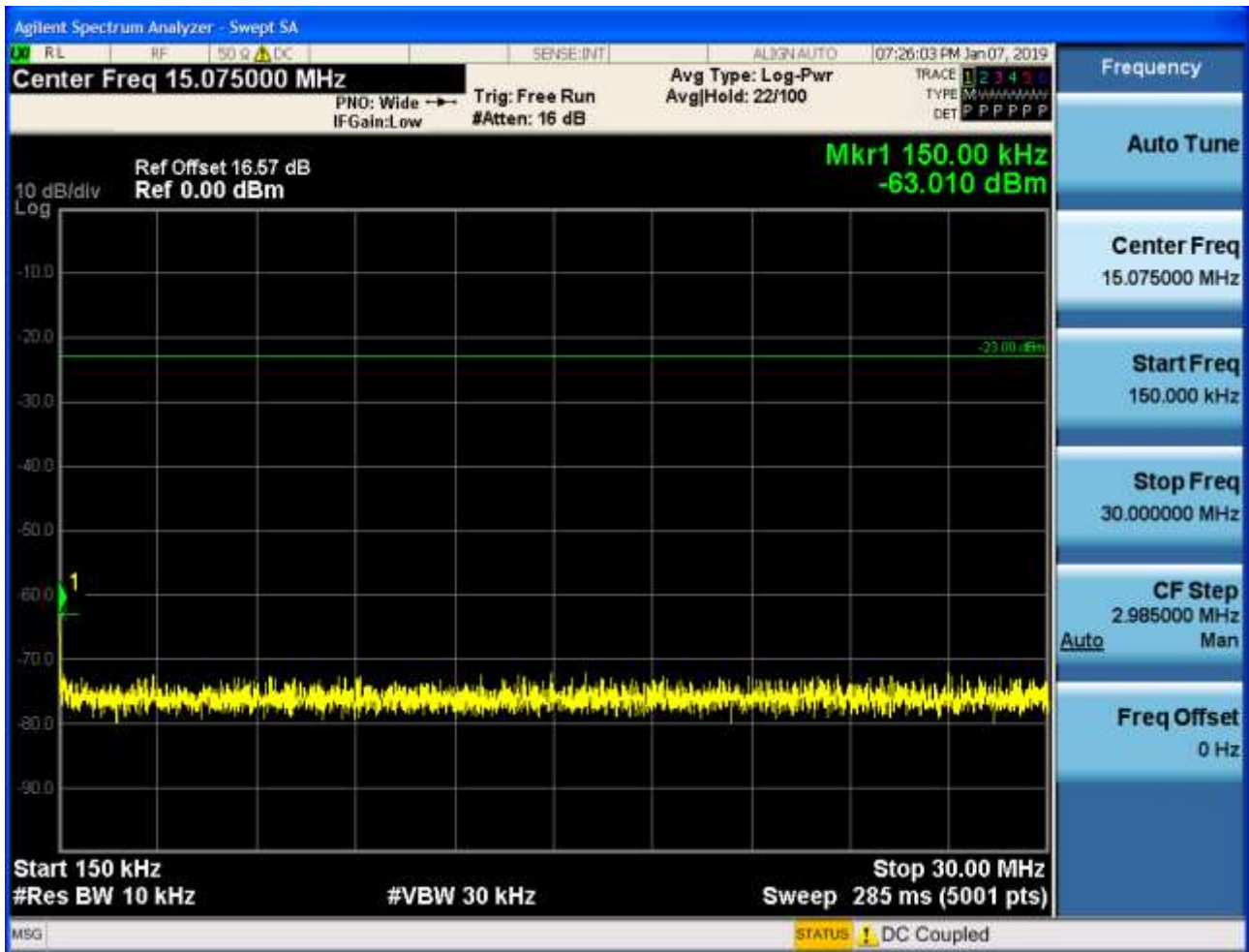


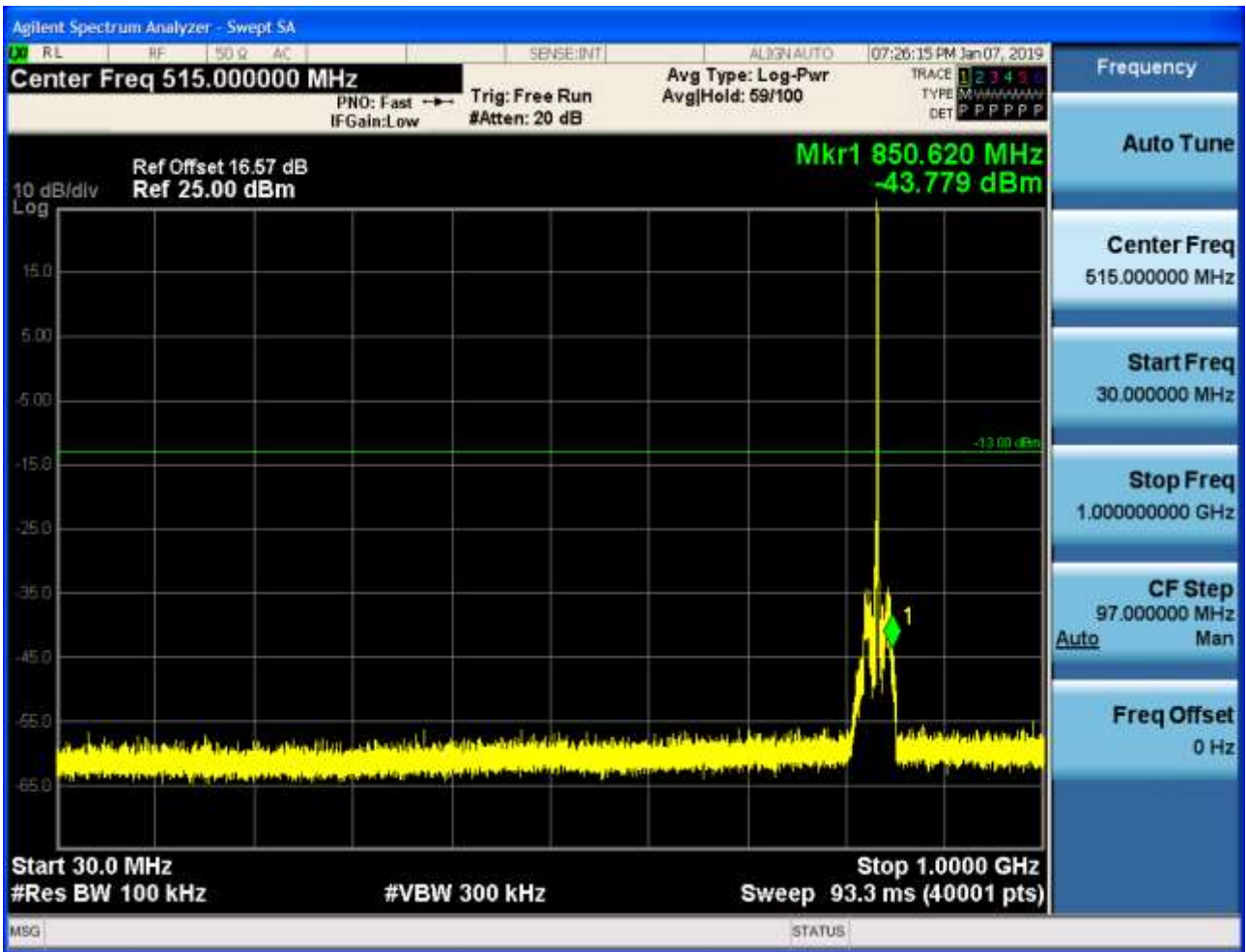


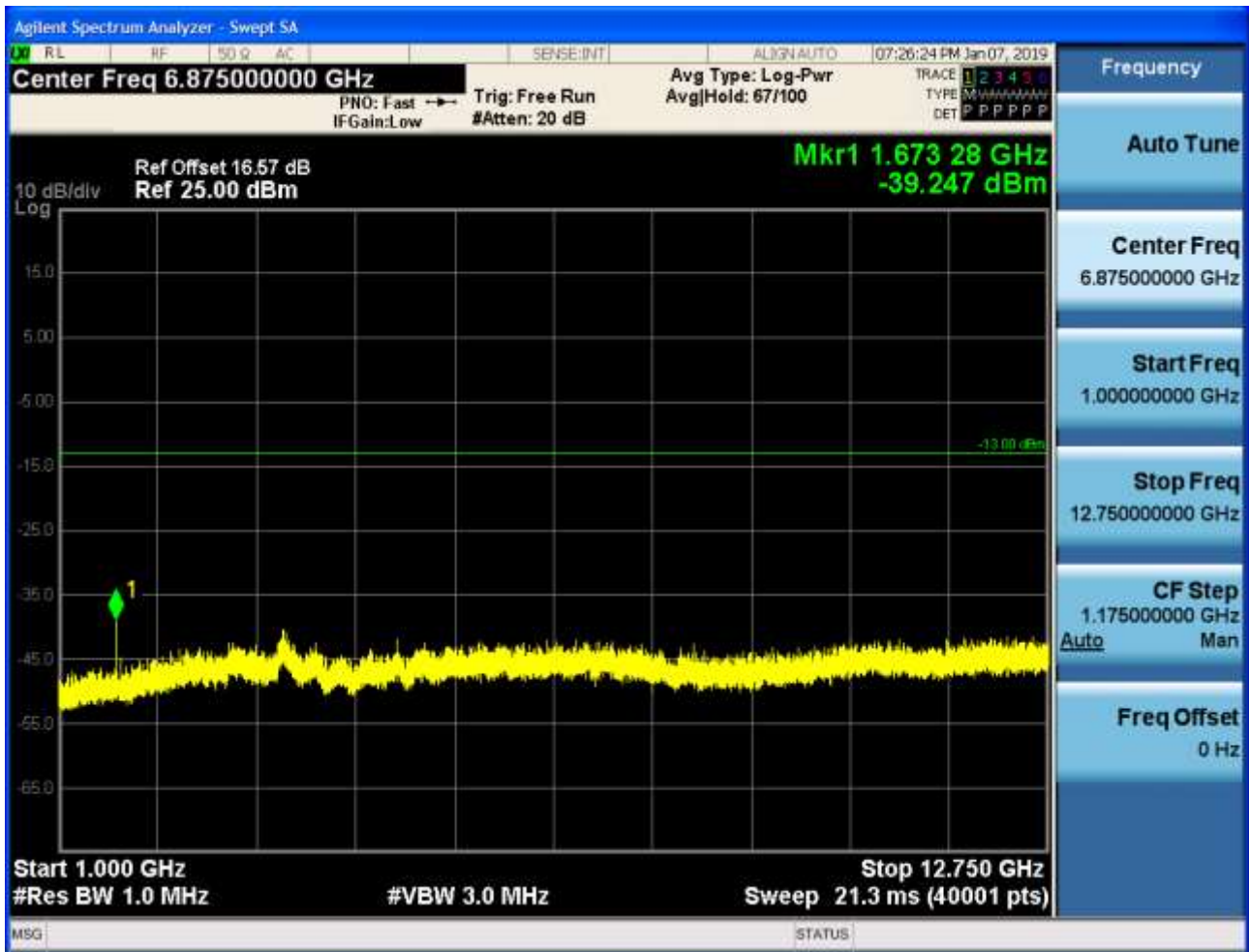
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



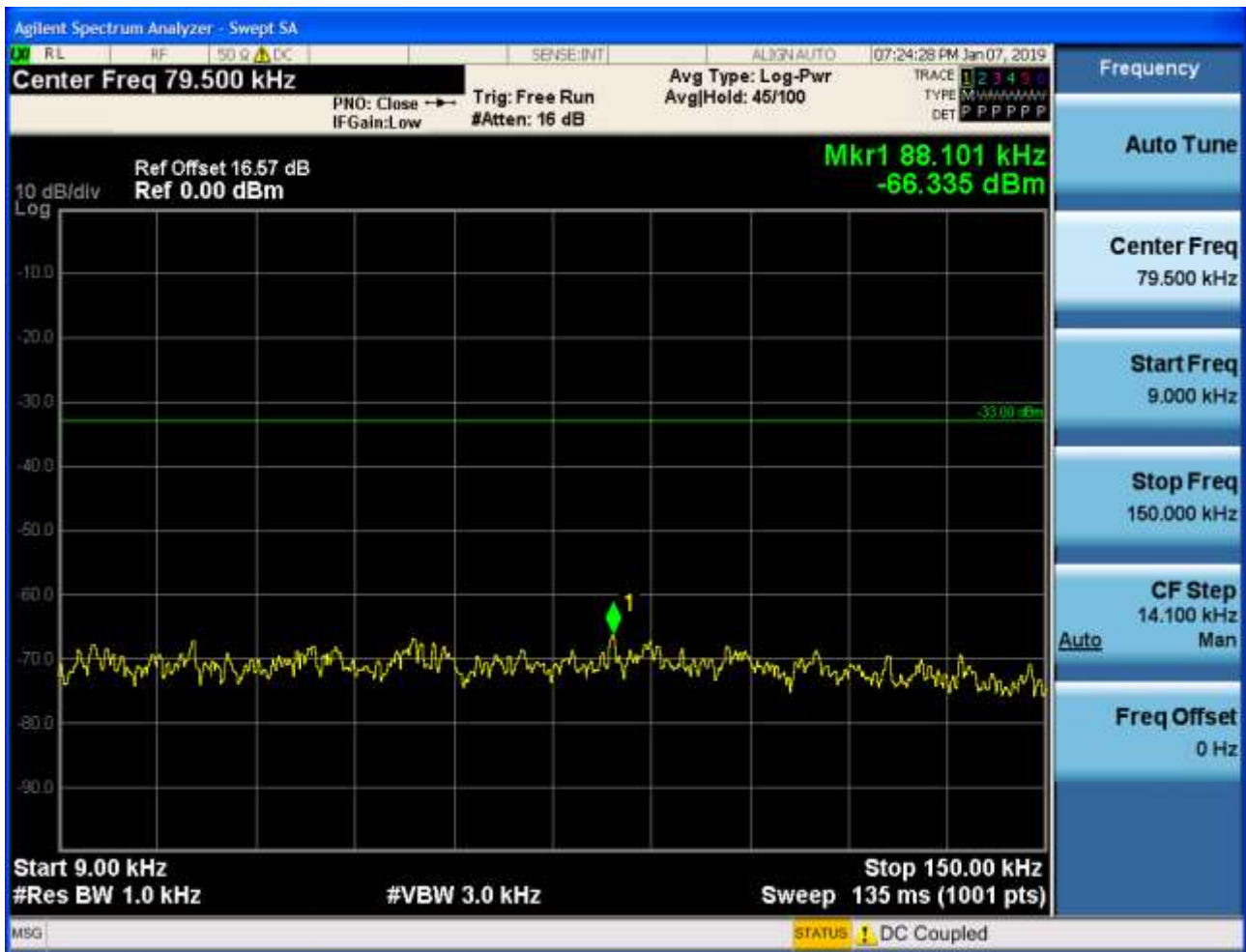


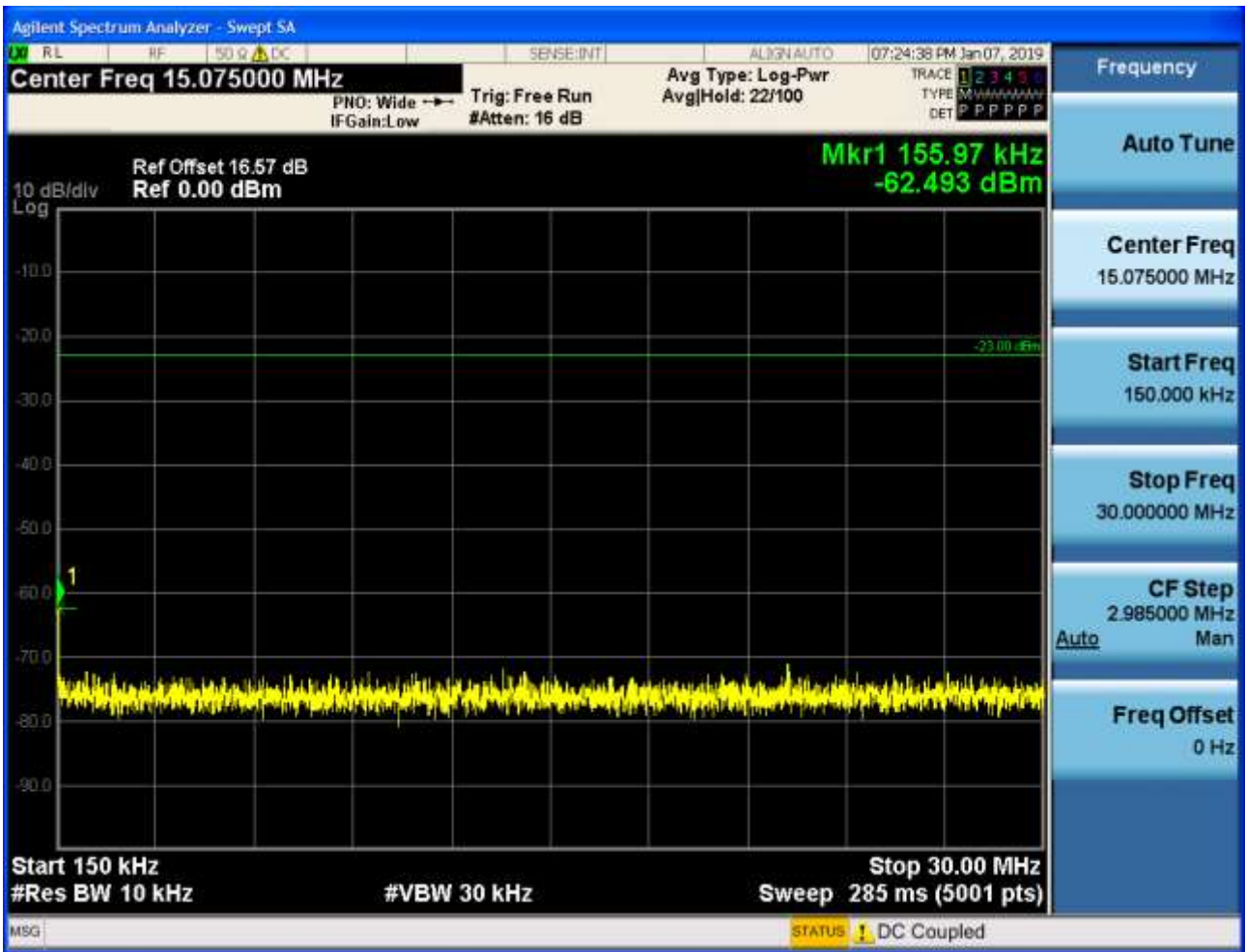


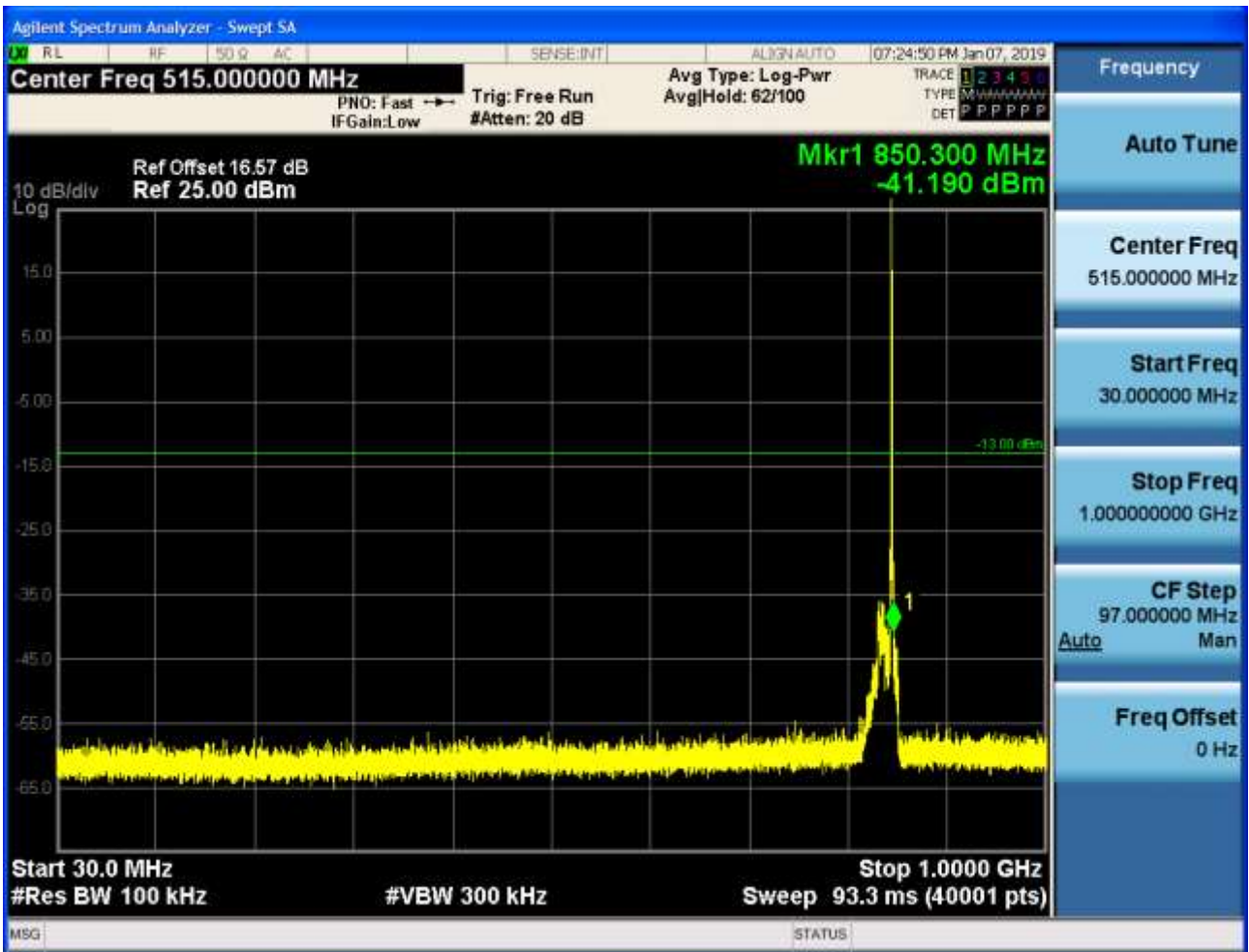


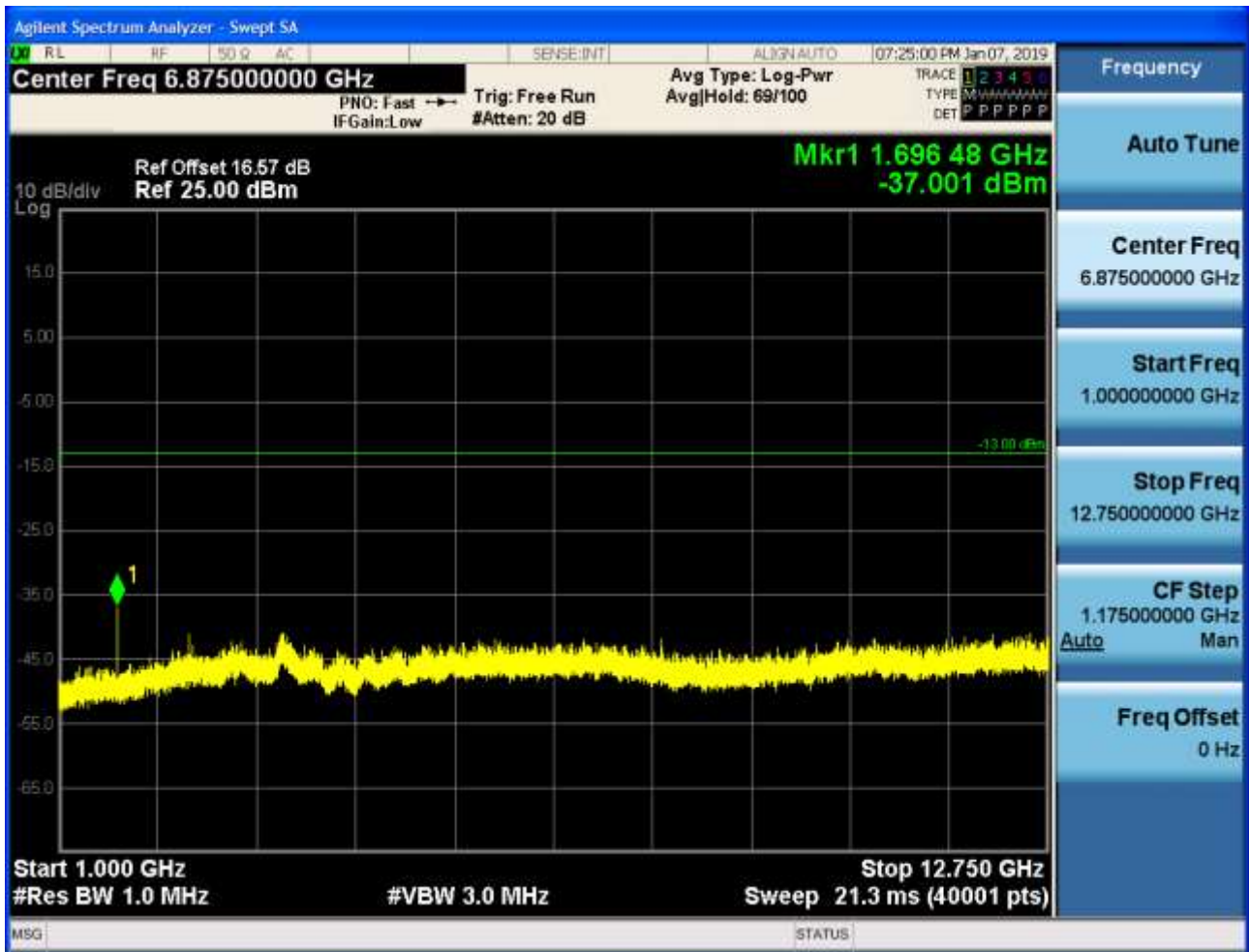
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





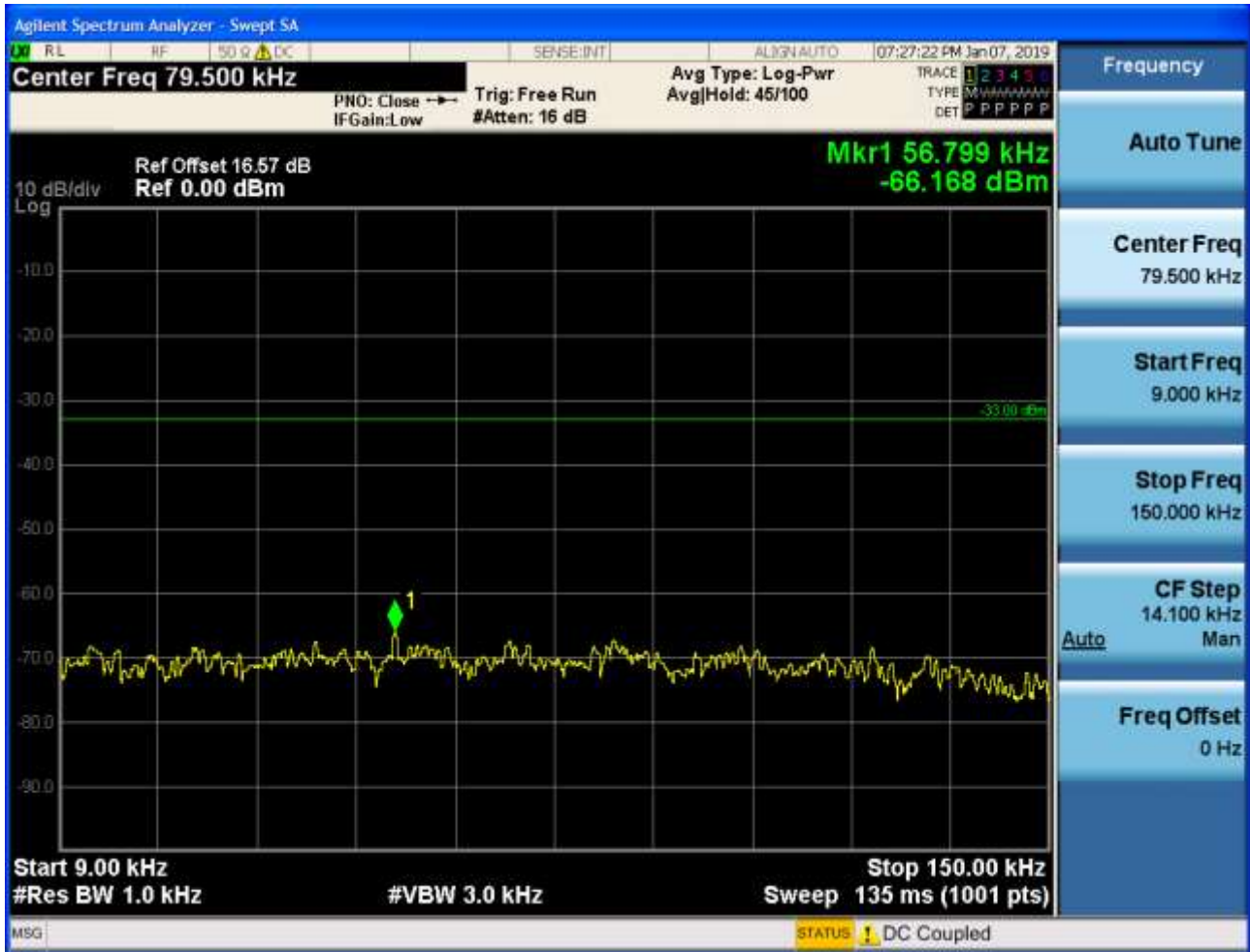


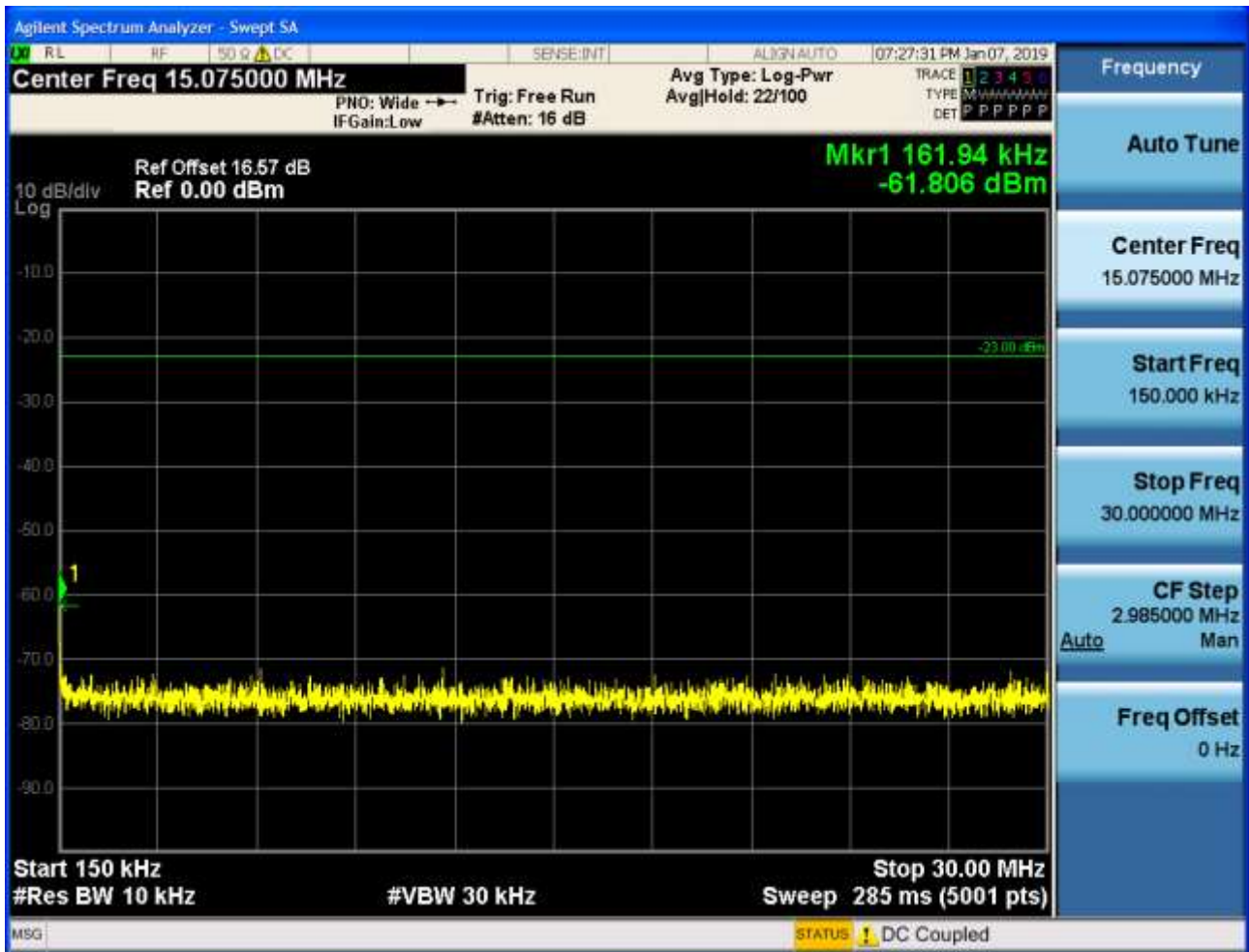


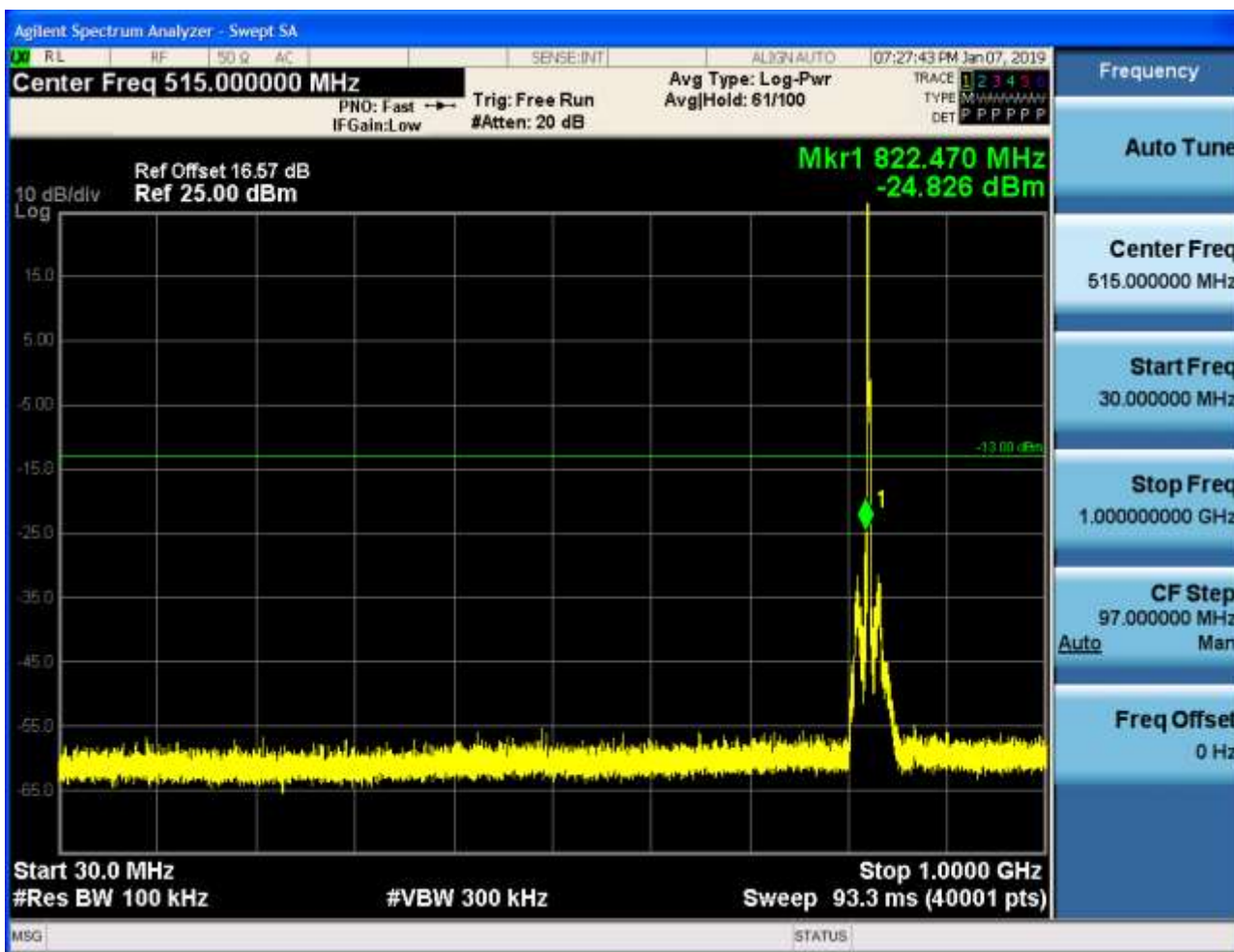
6.2.1.2.2 Test Bandwidth = 3

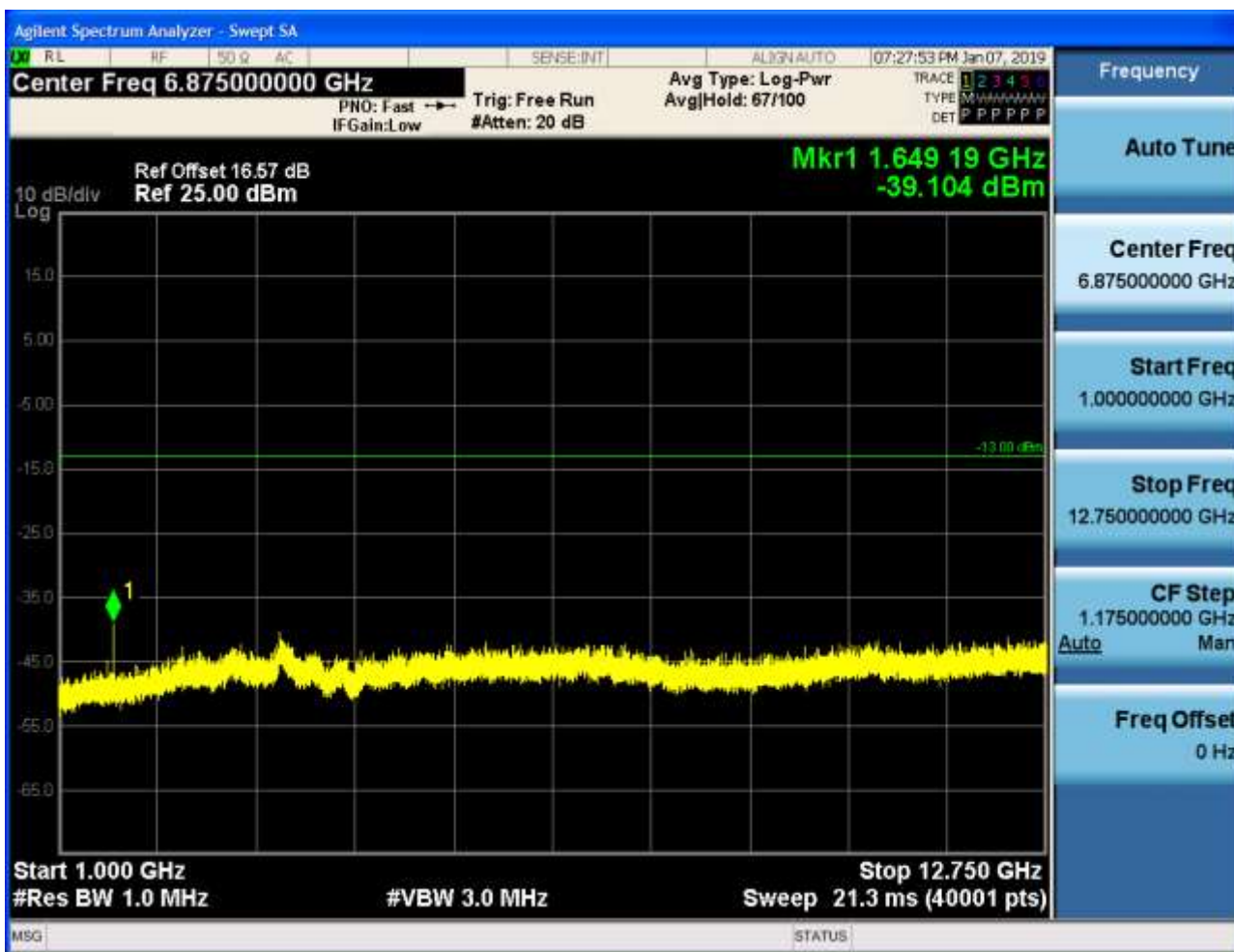
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



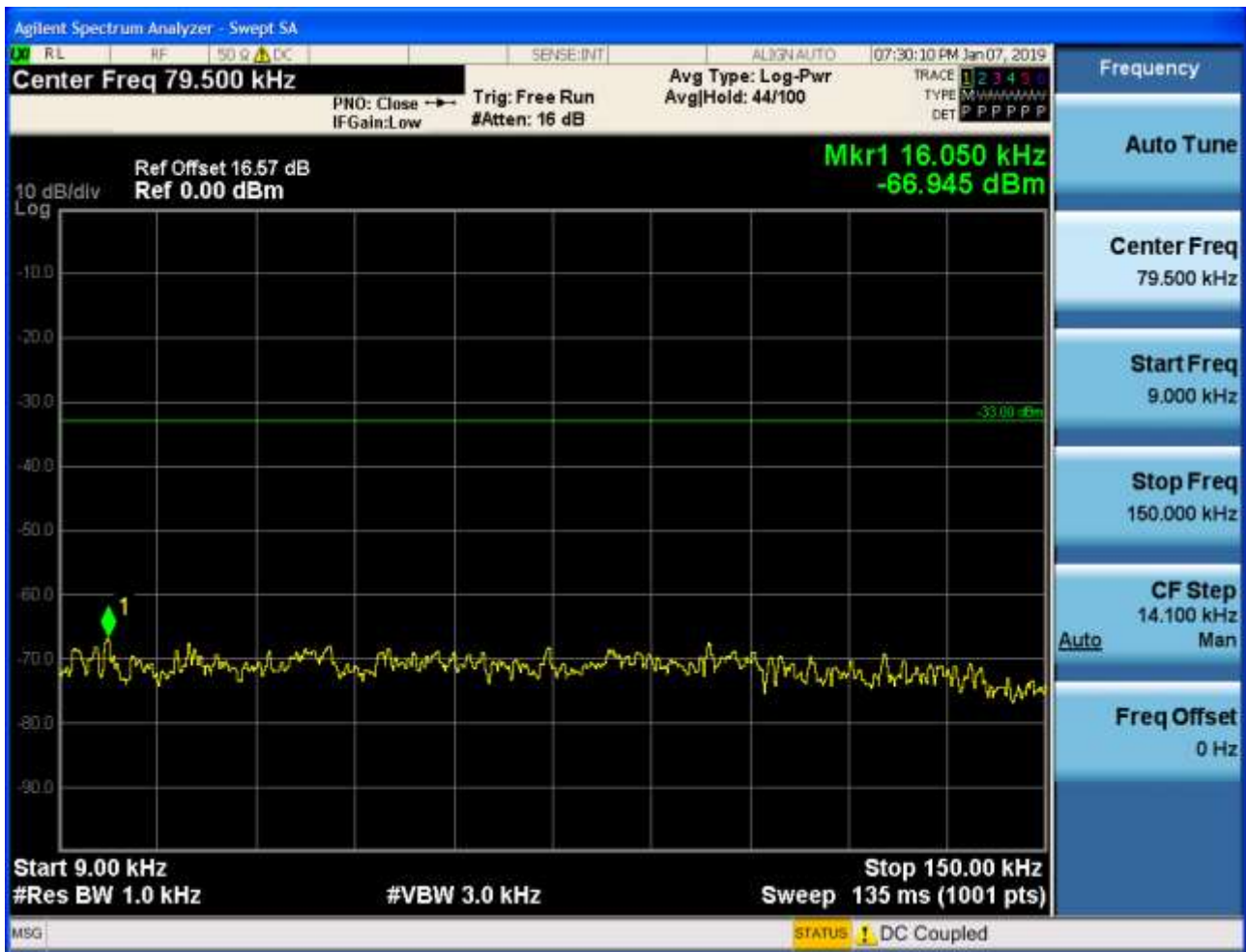


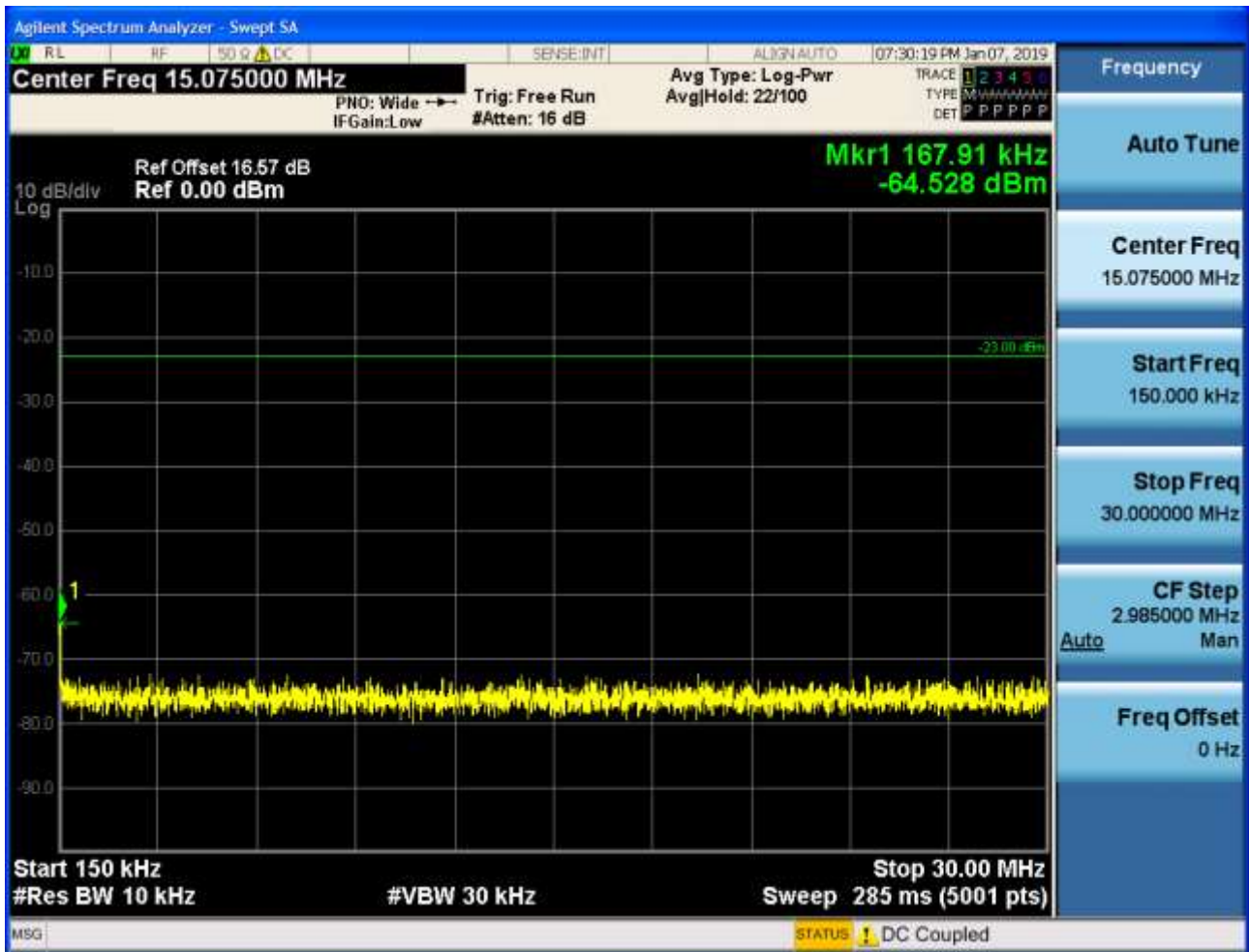


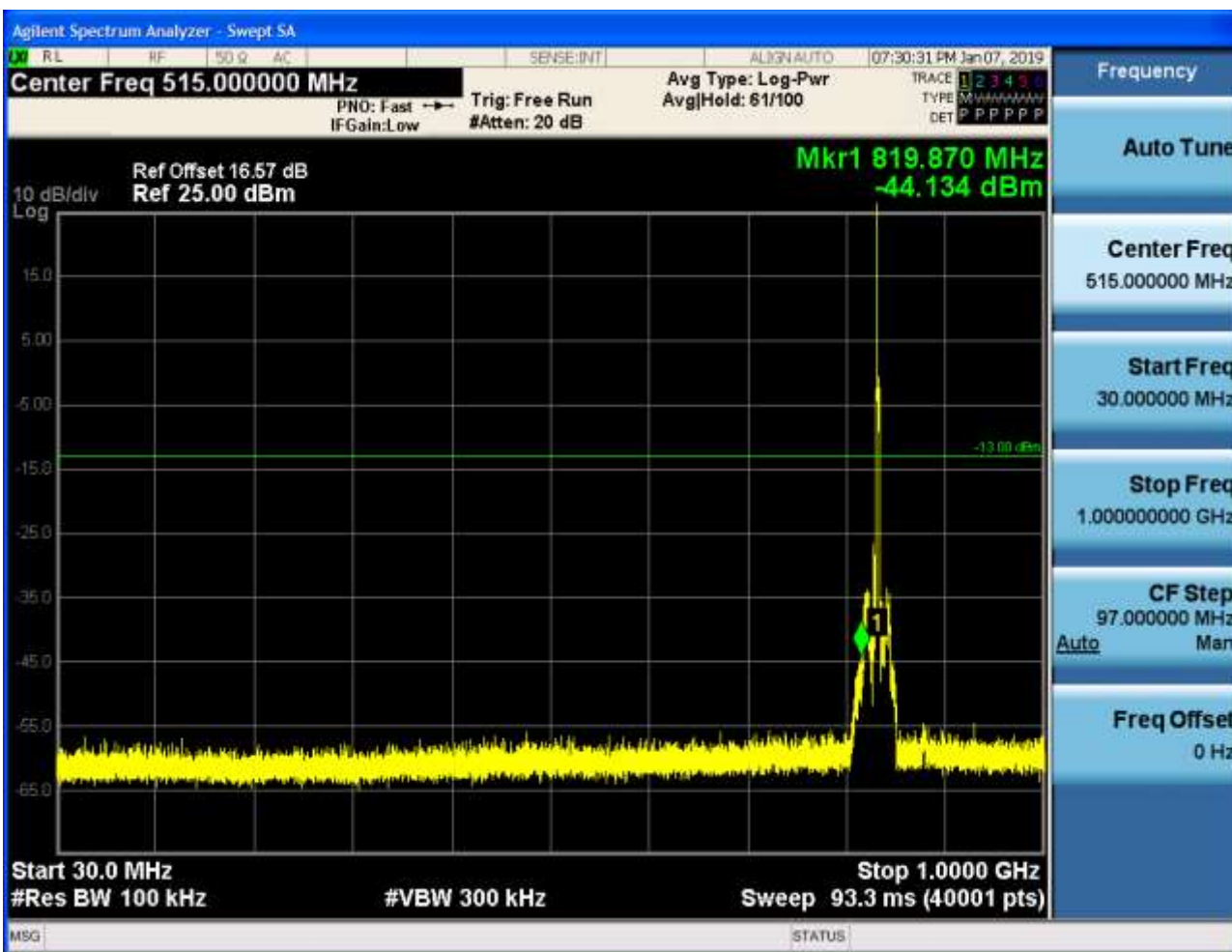


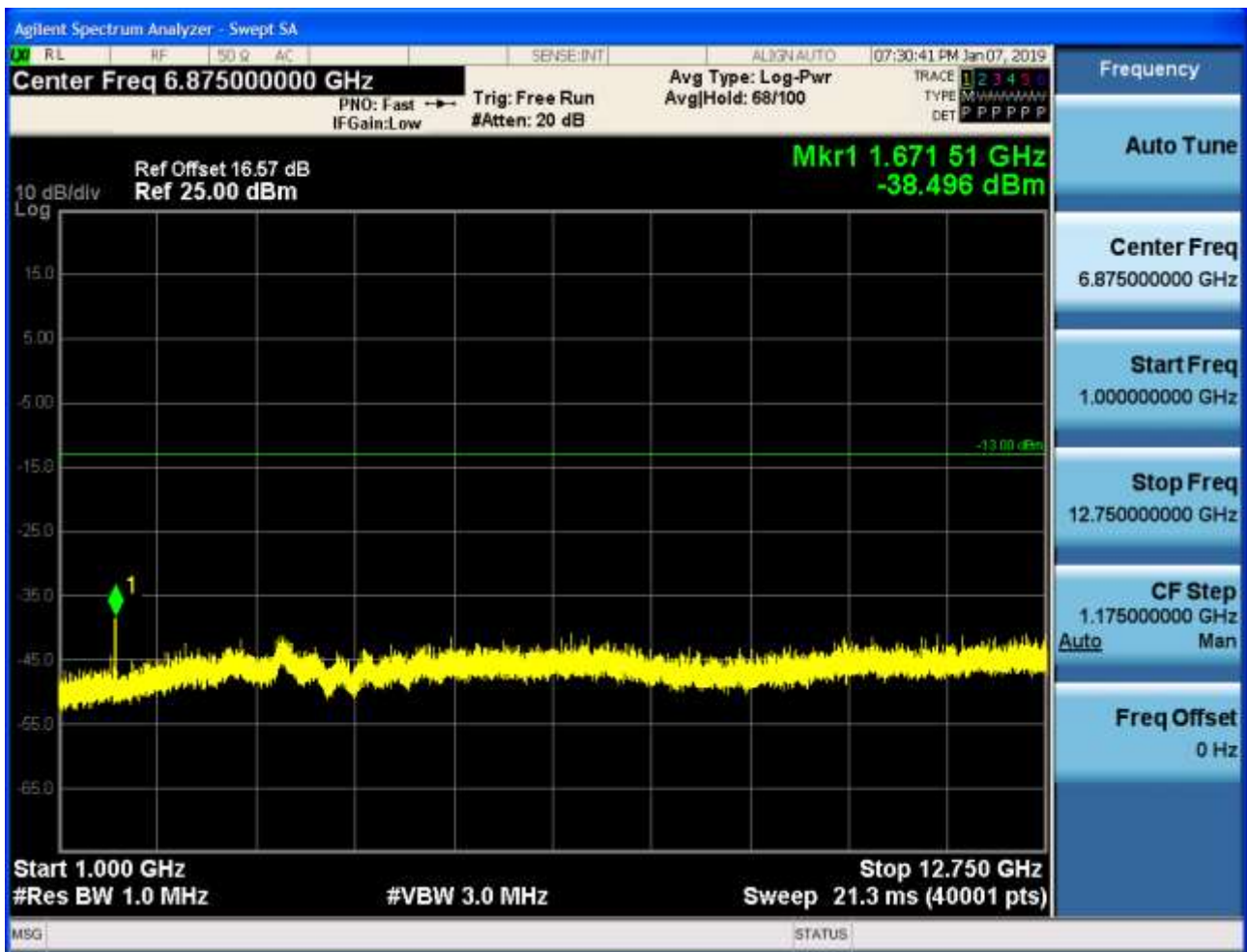
6.2.1.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0





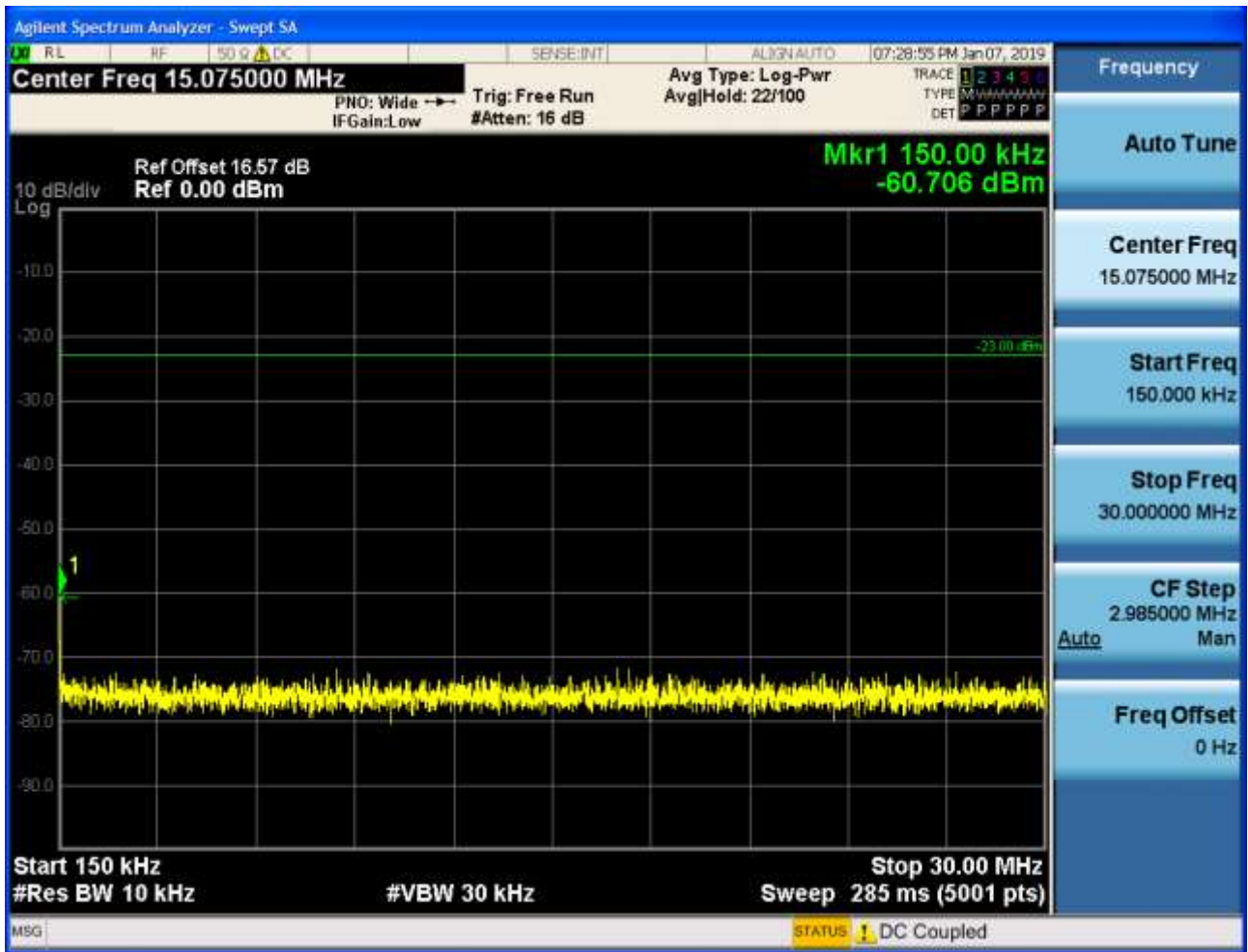


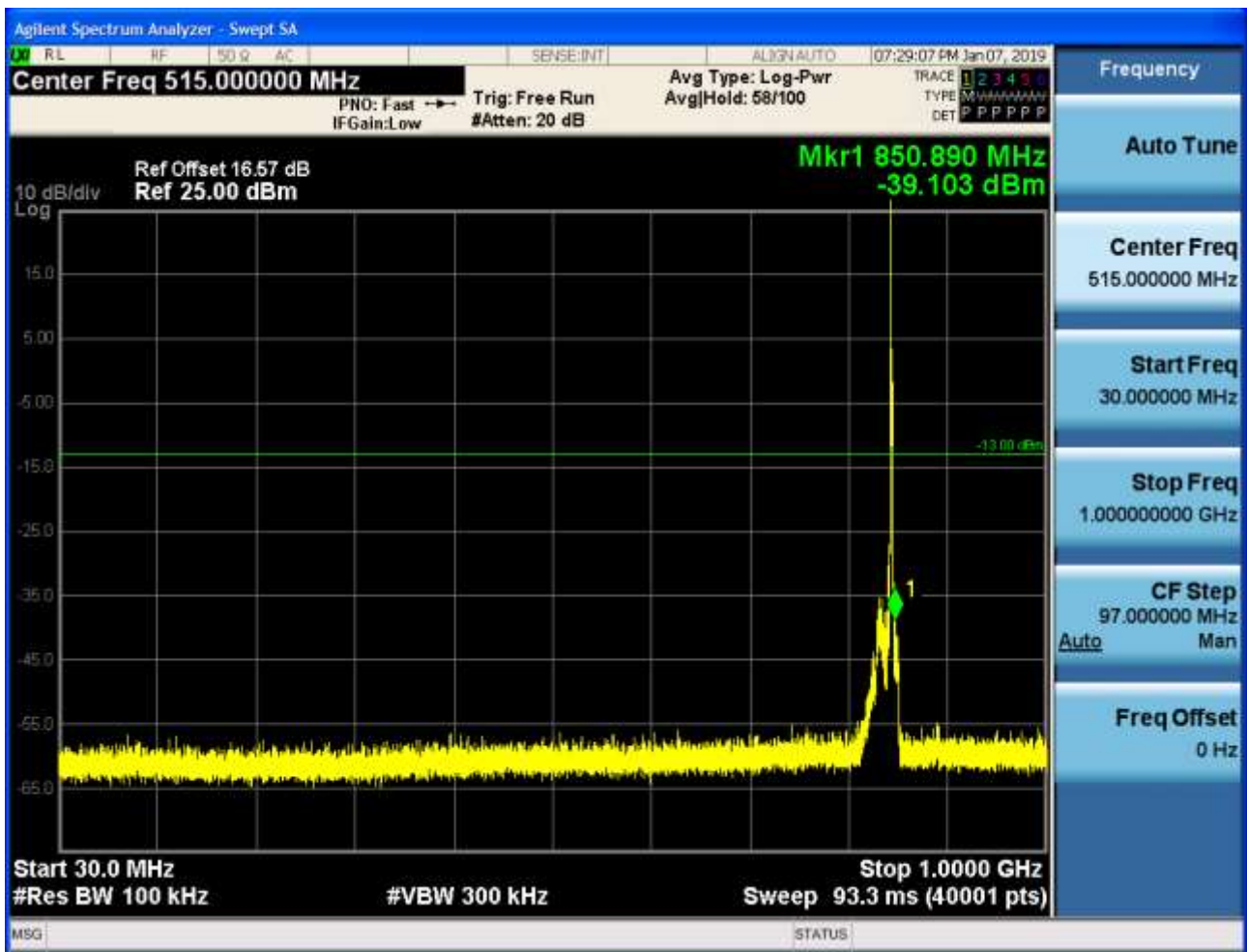


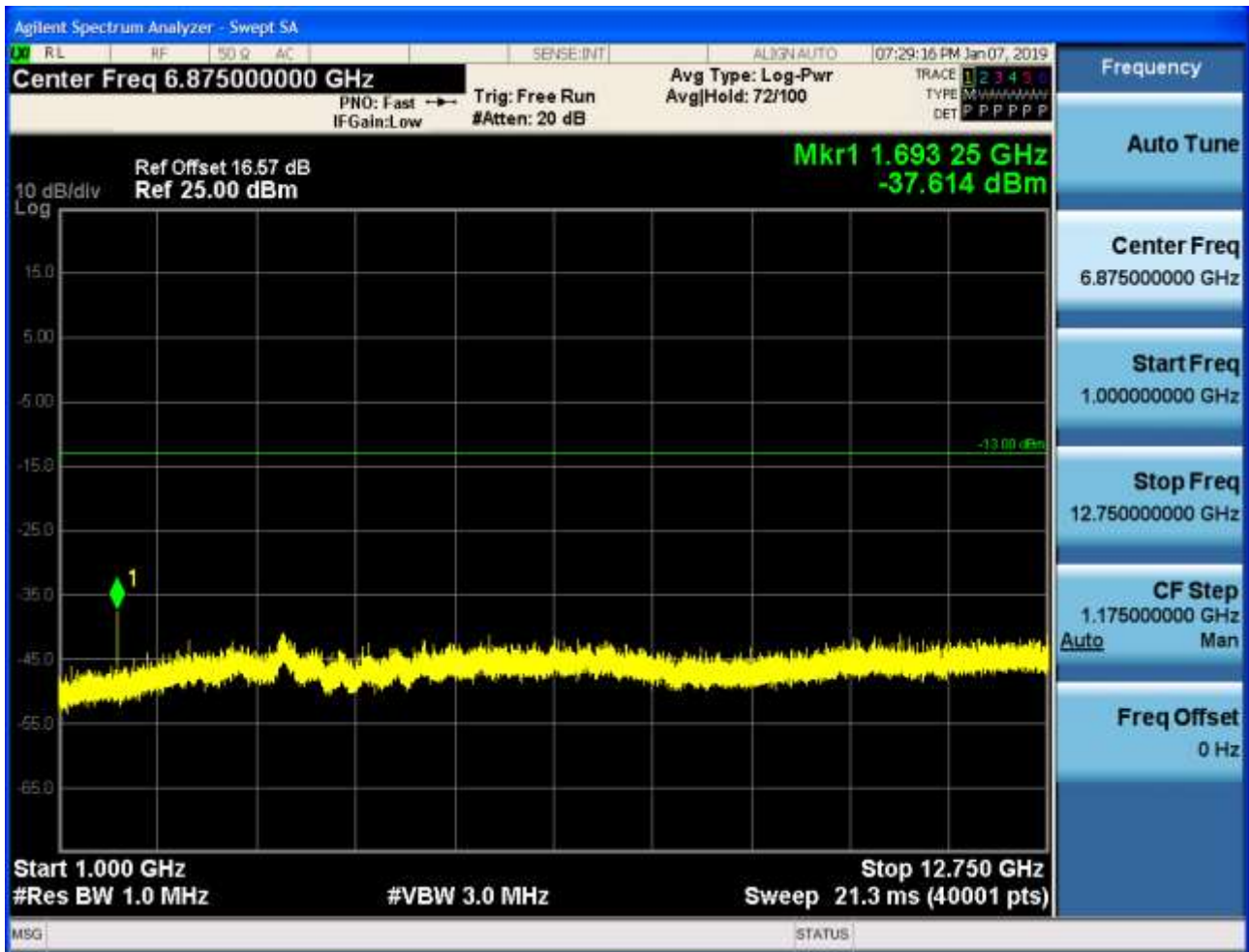
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





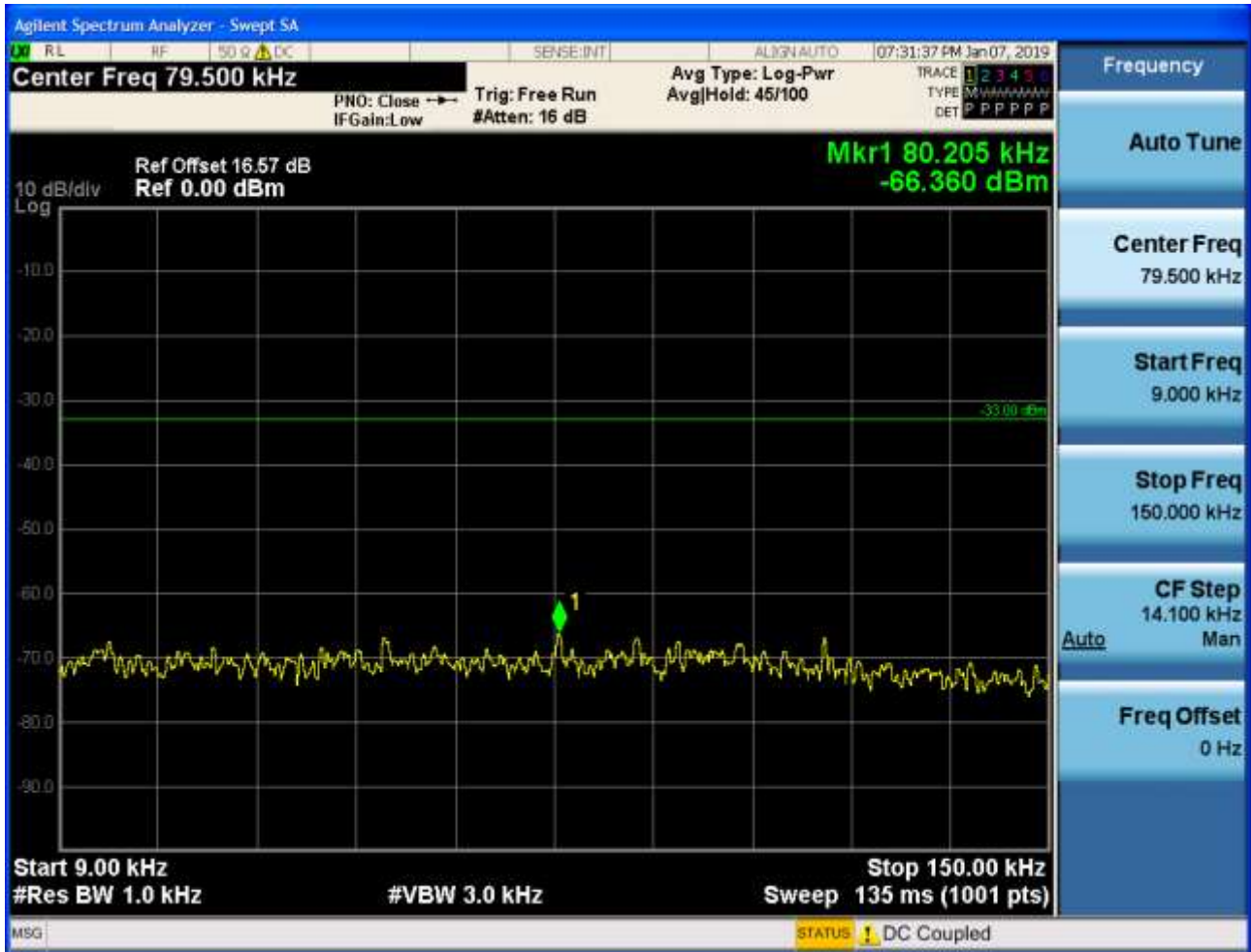




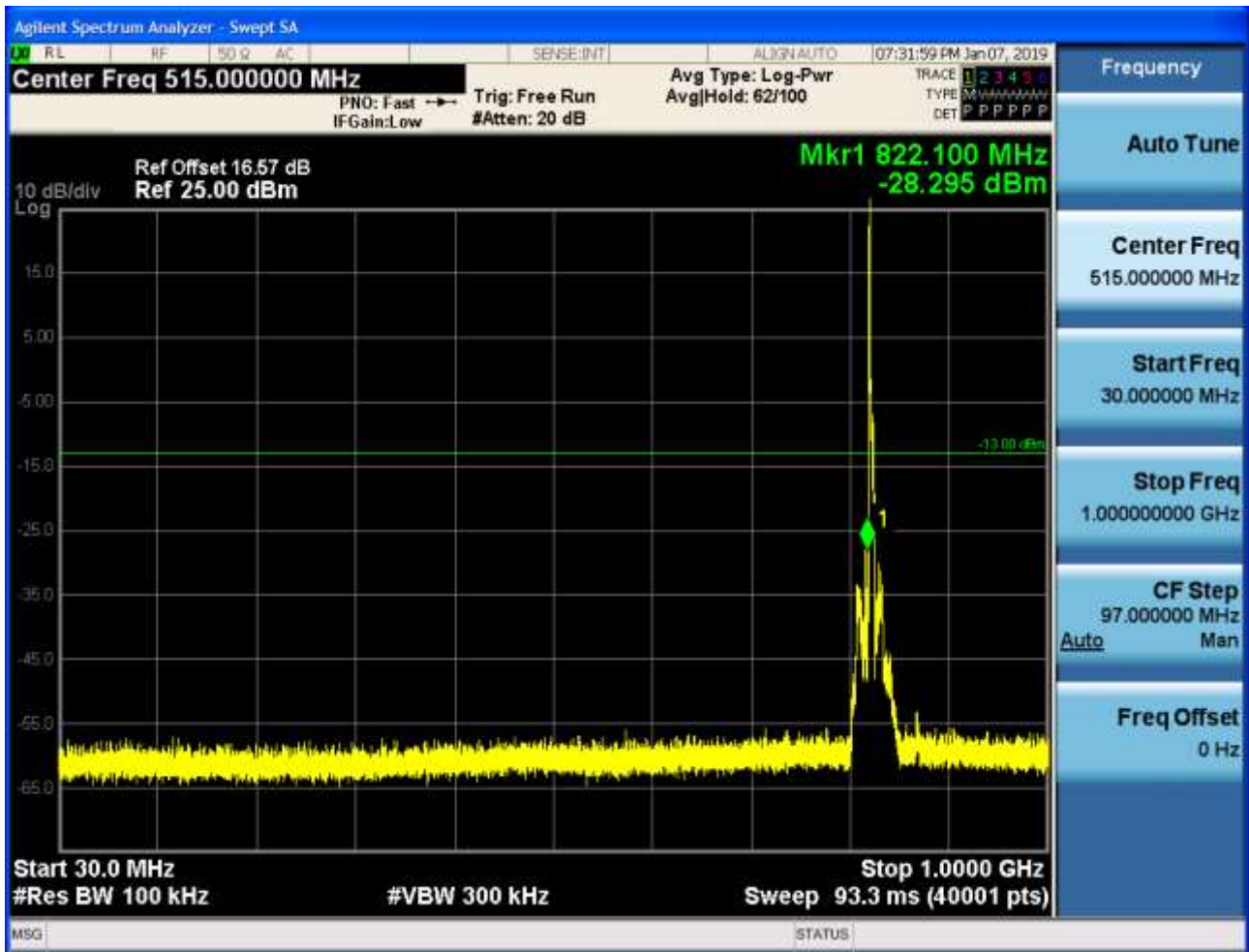
6.2.1.2.3 Test Bandwidth = 5

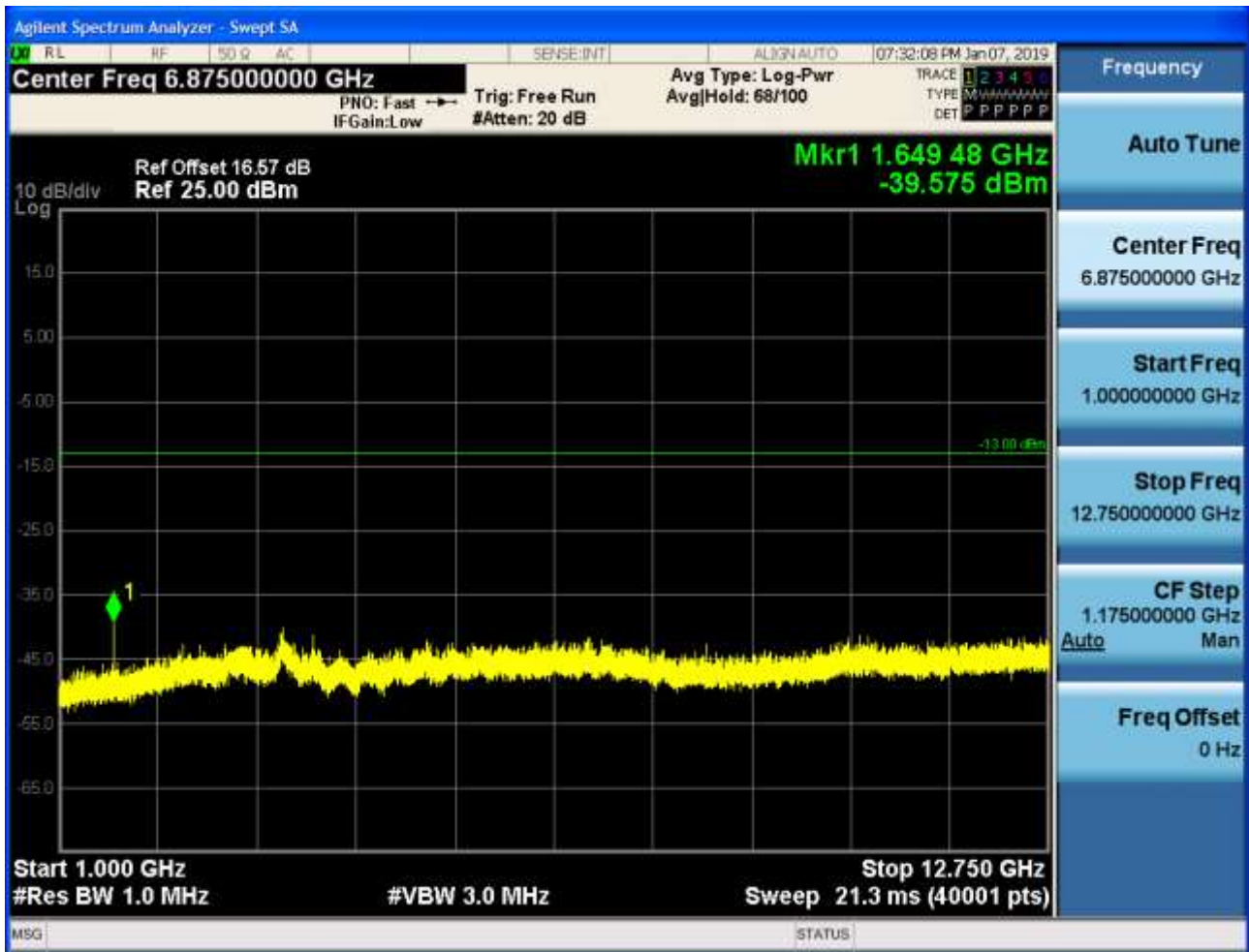
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



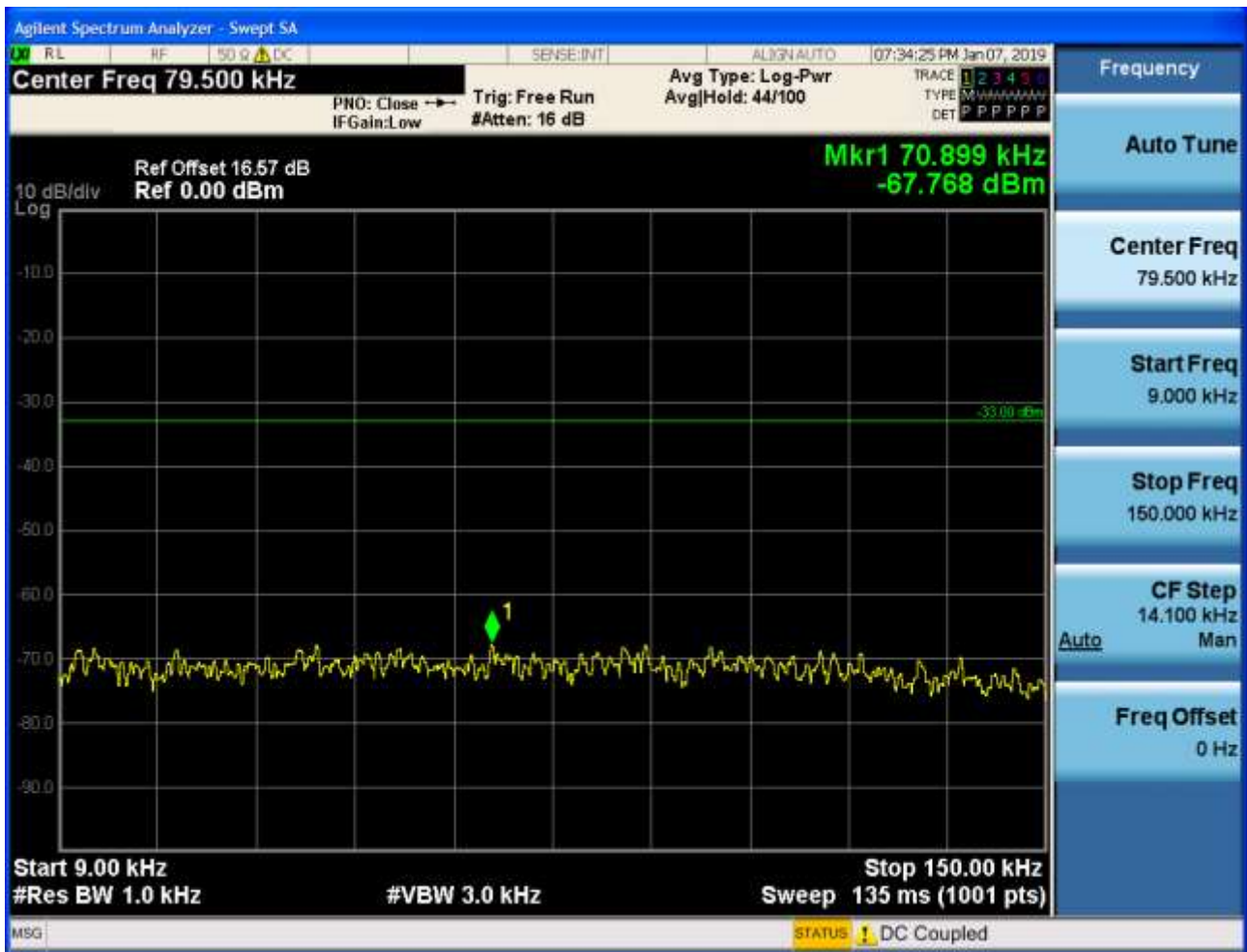


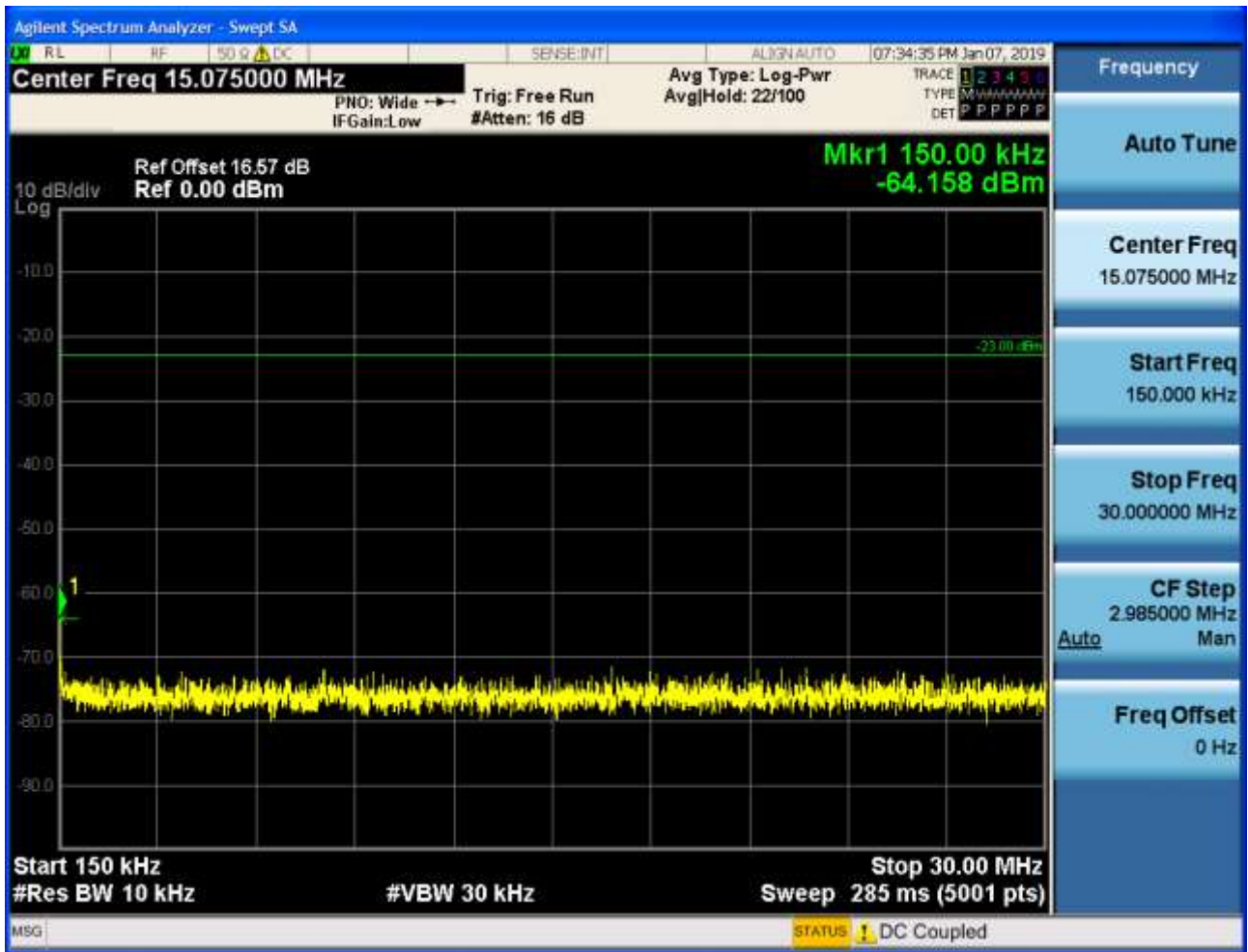


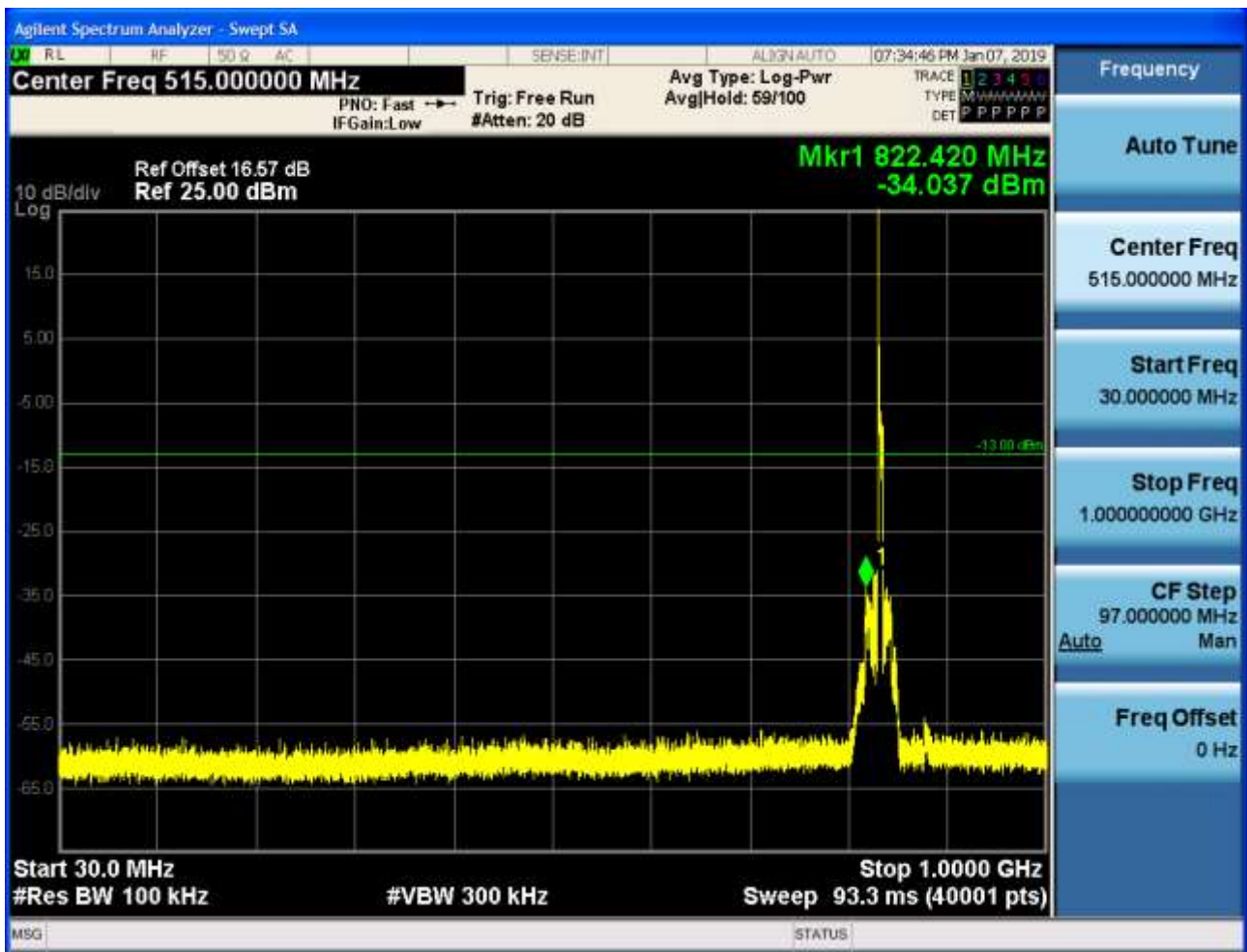


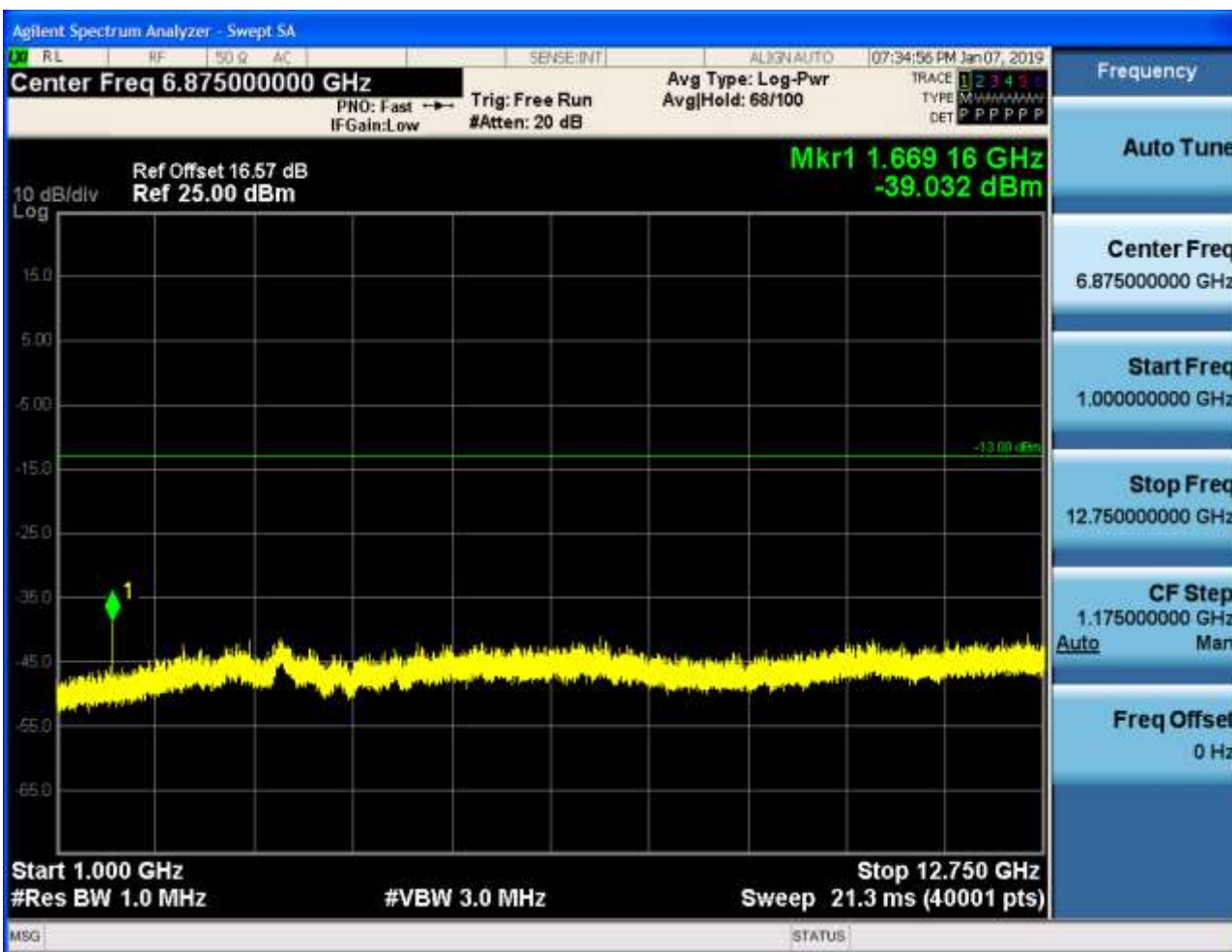
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





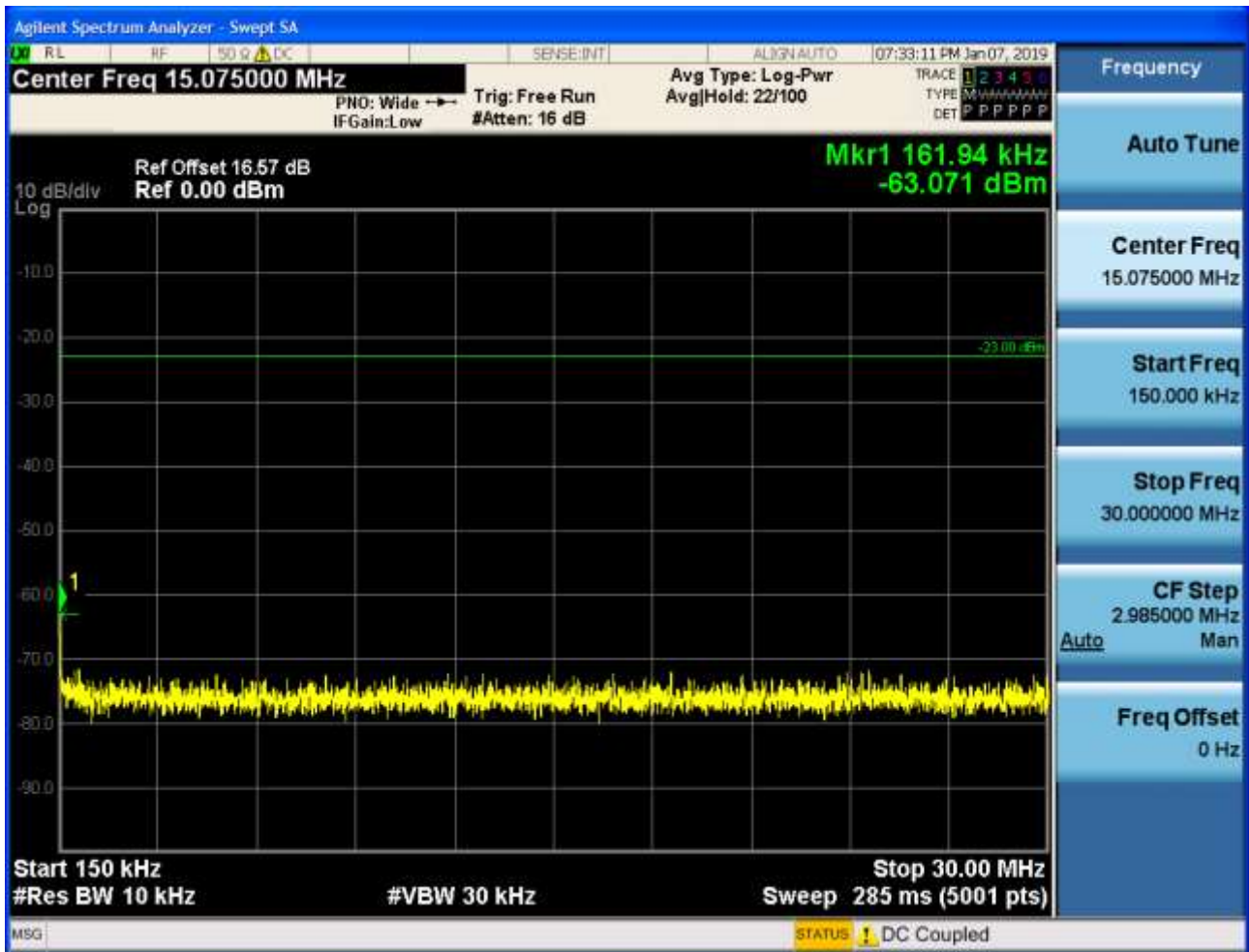


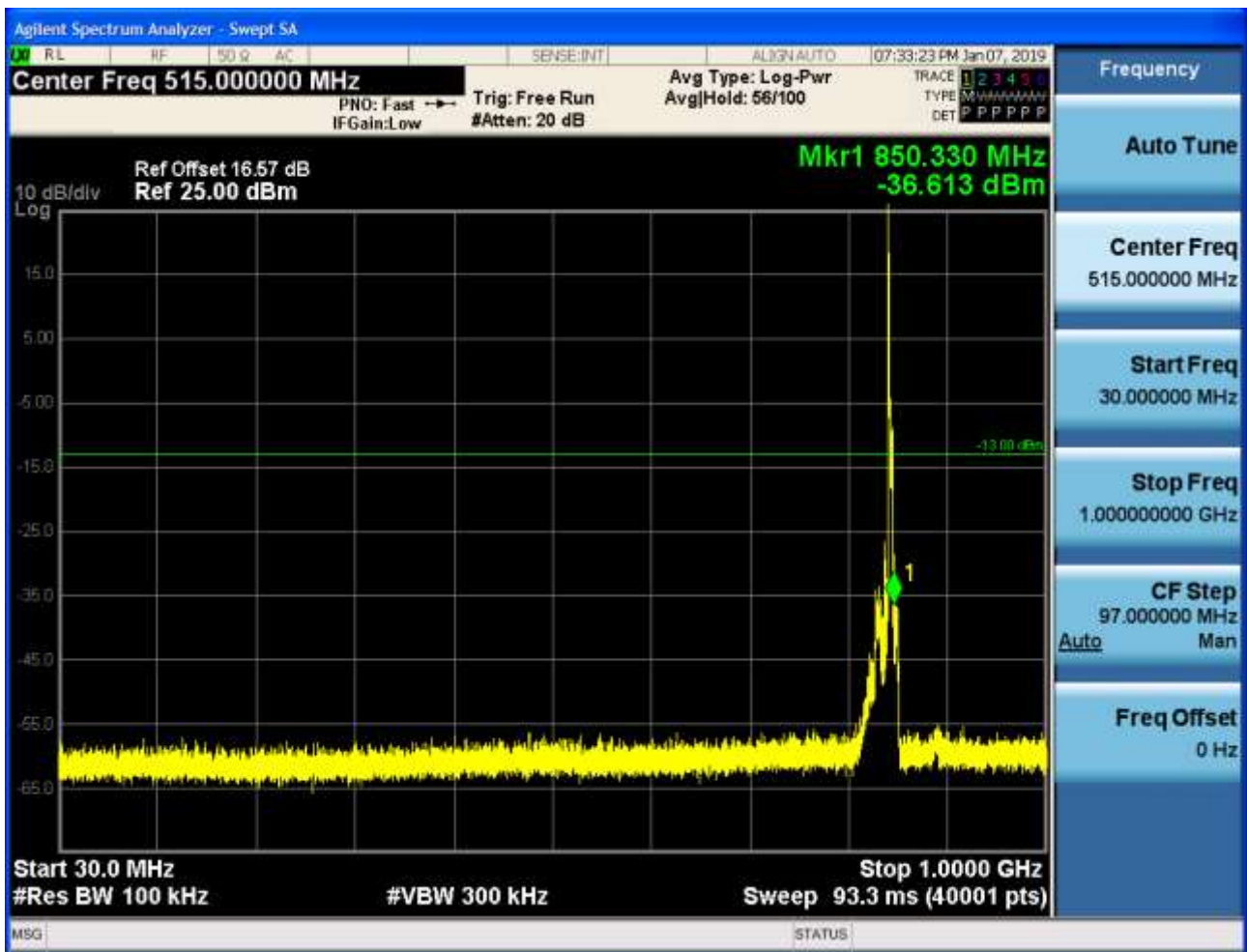


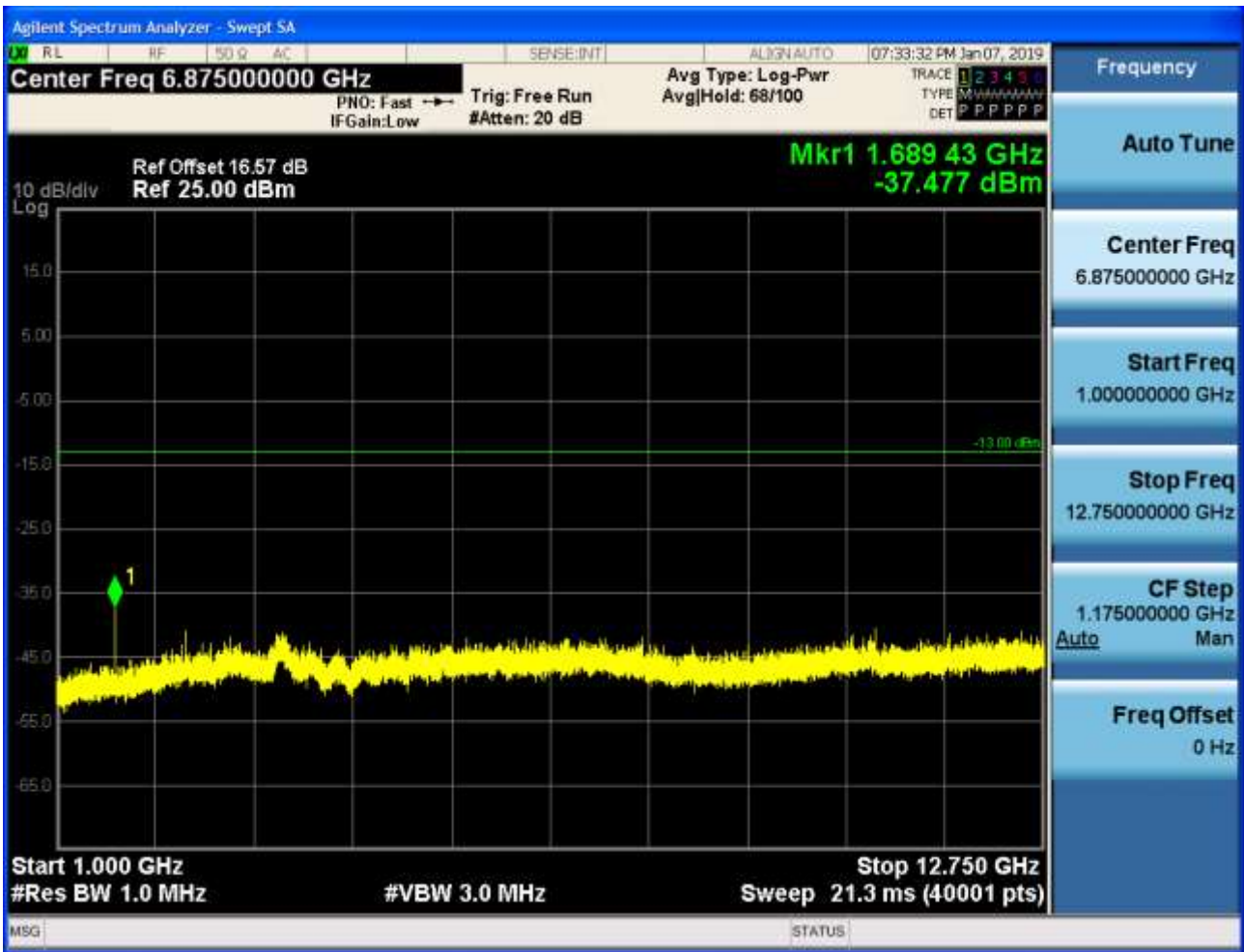
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0







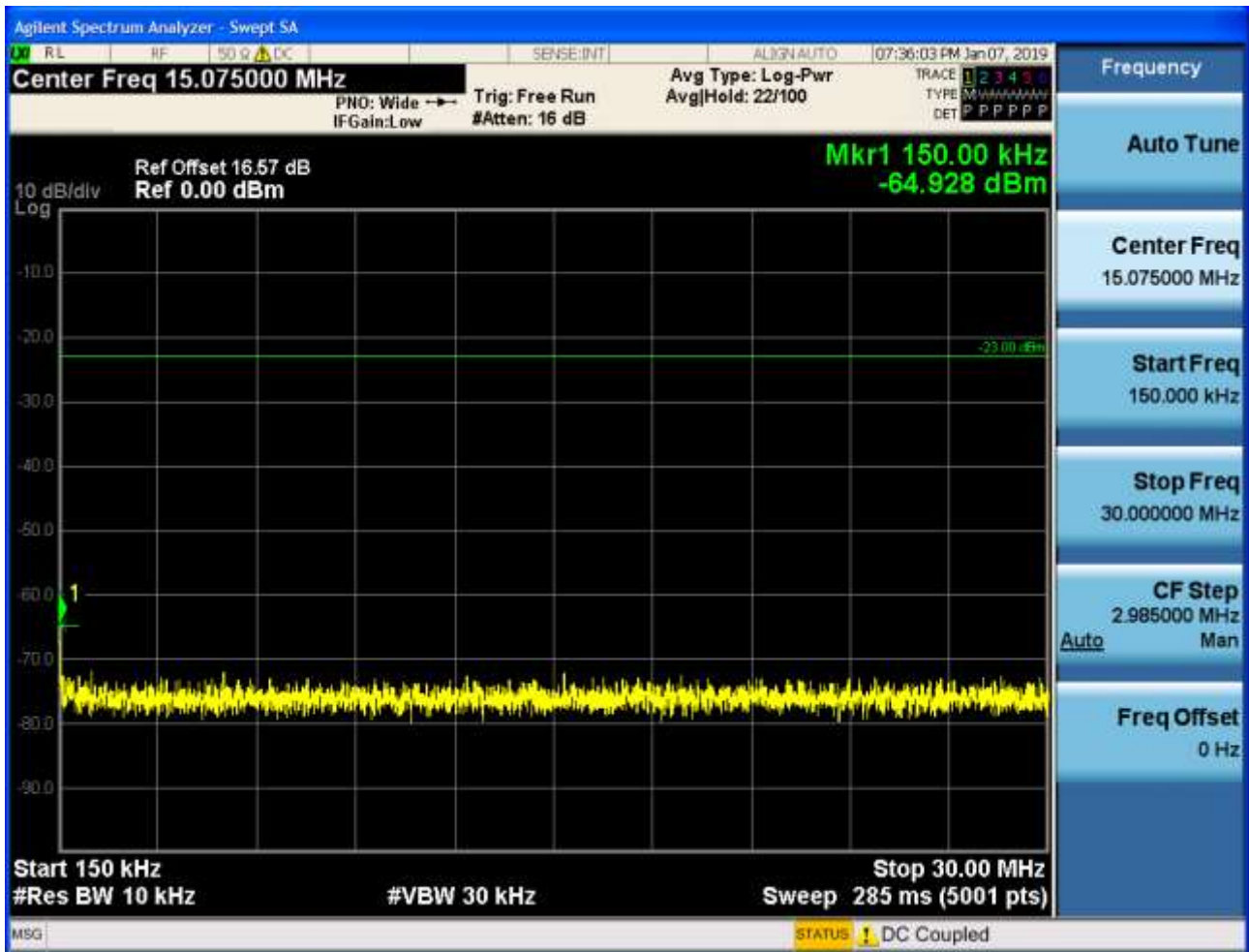


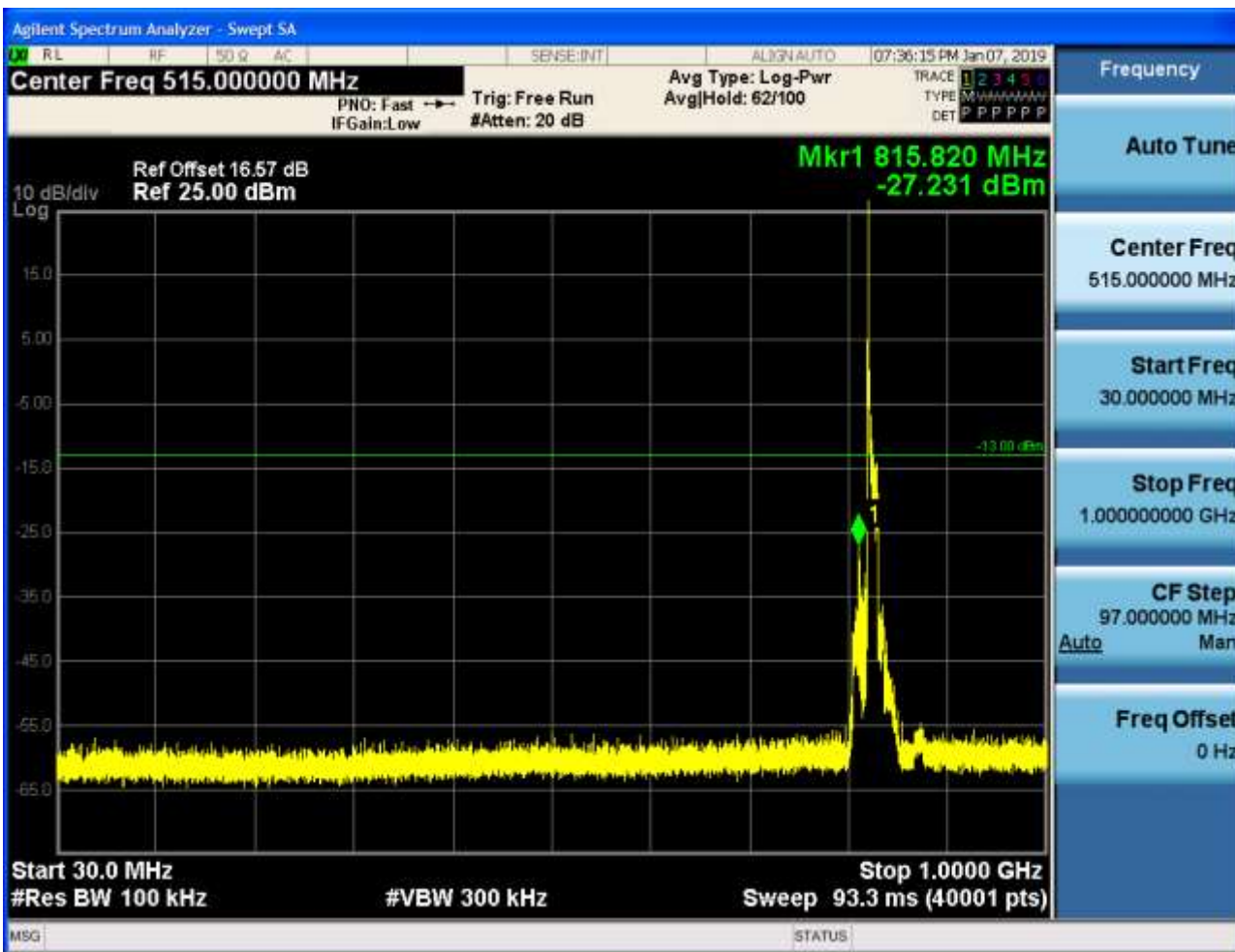
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





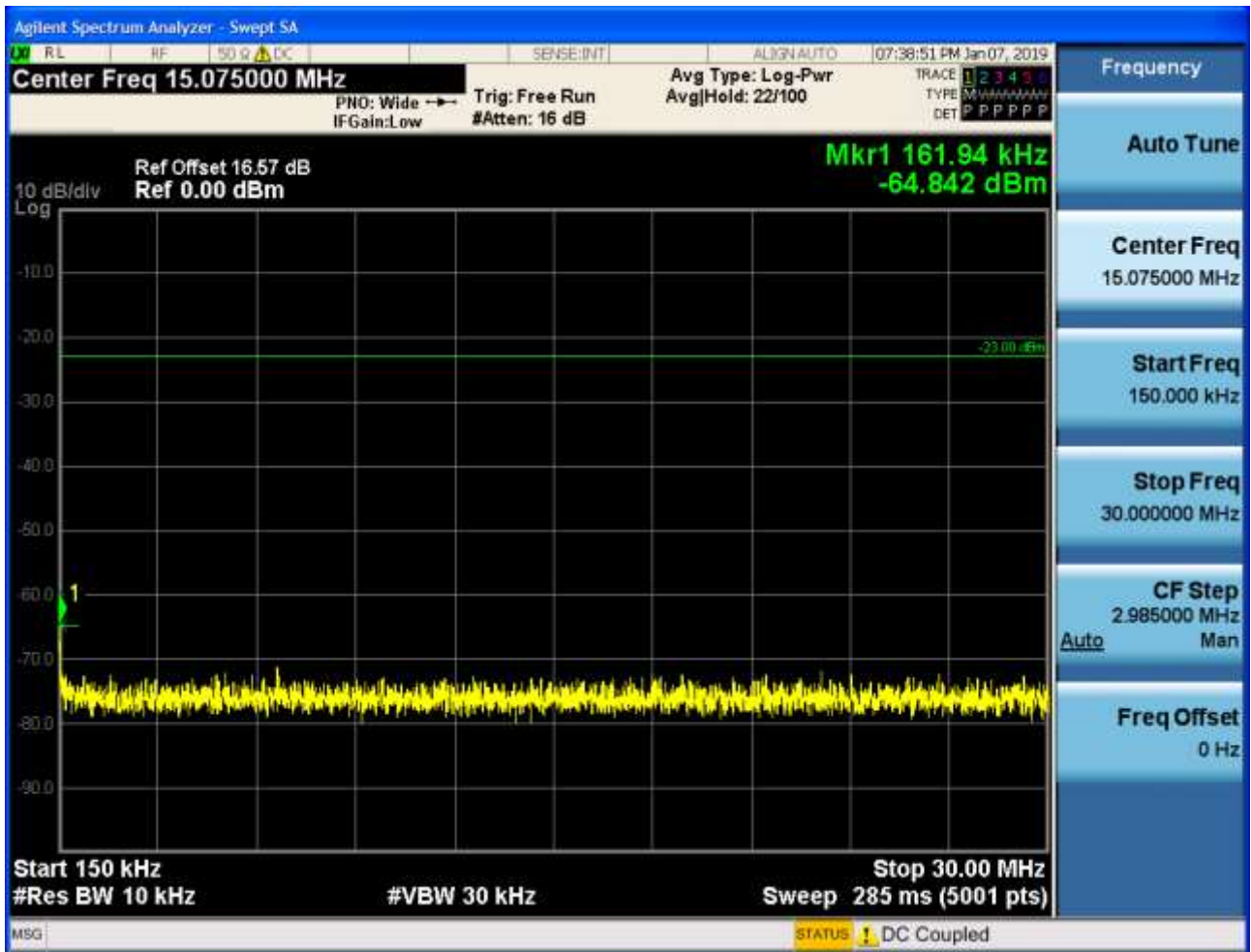


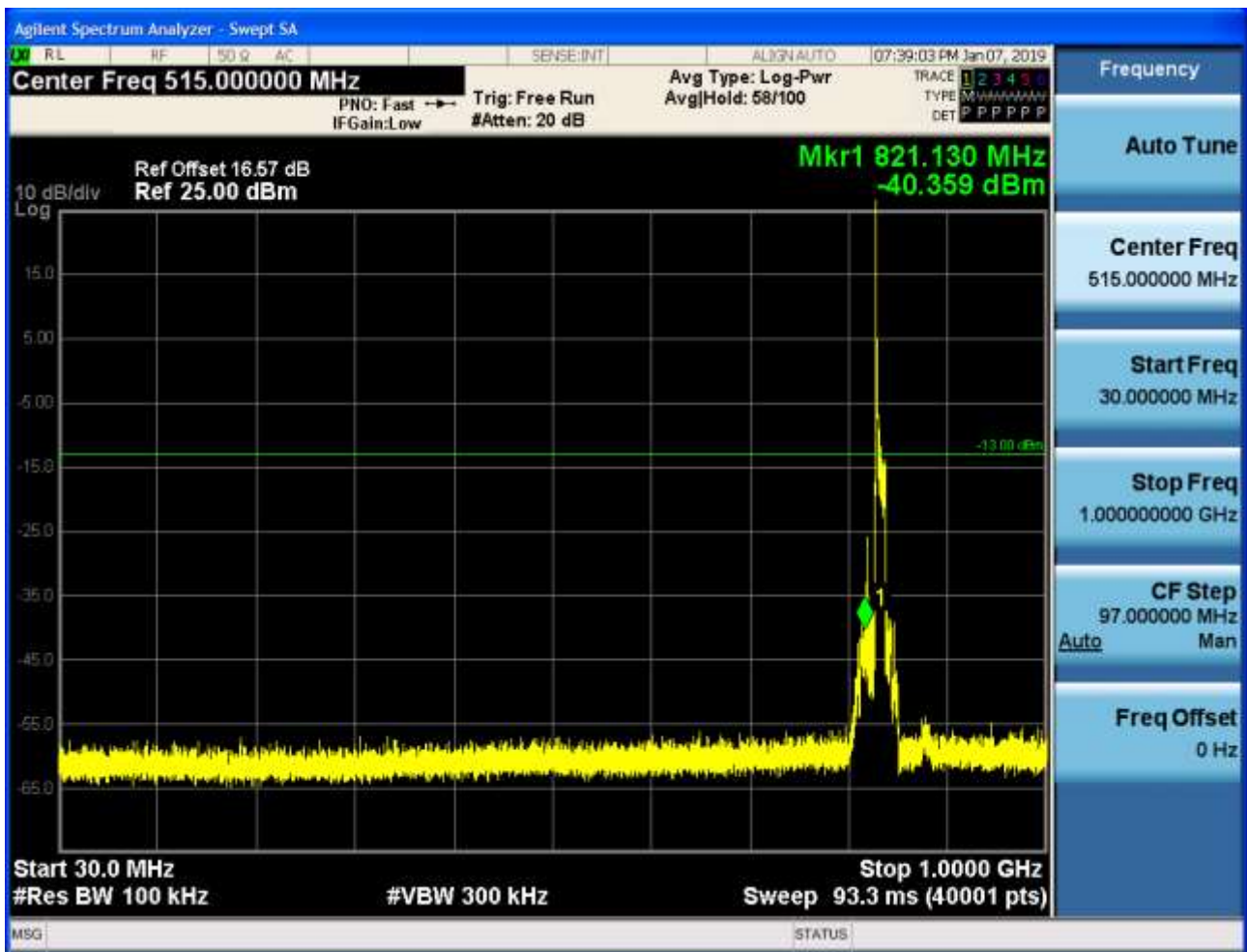


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



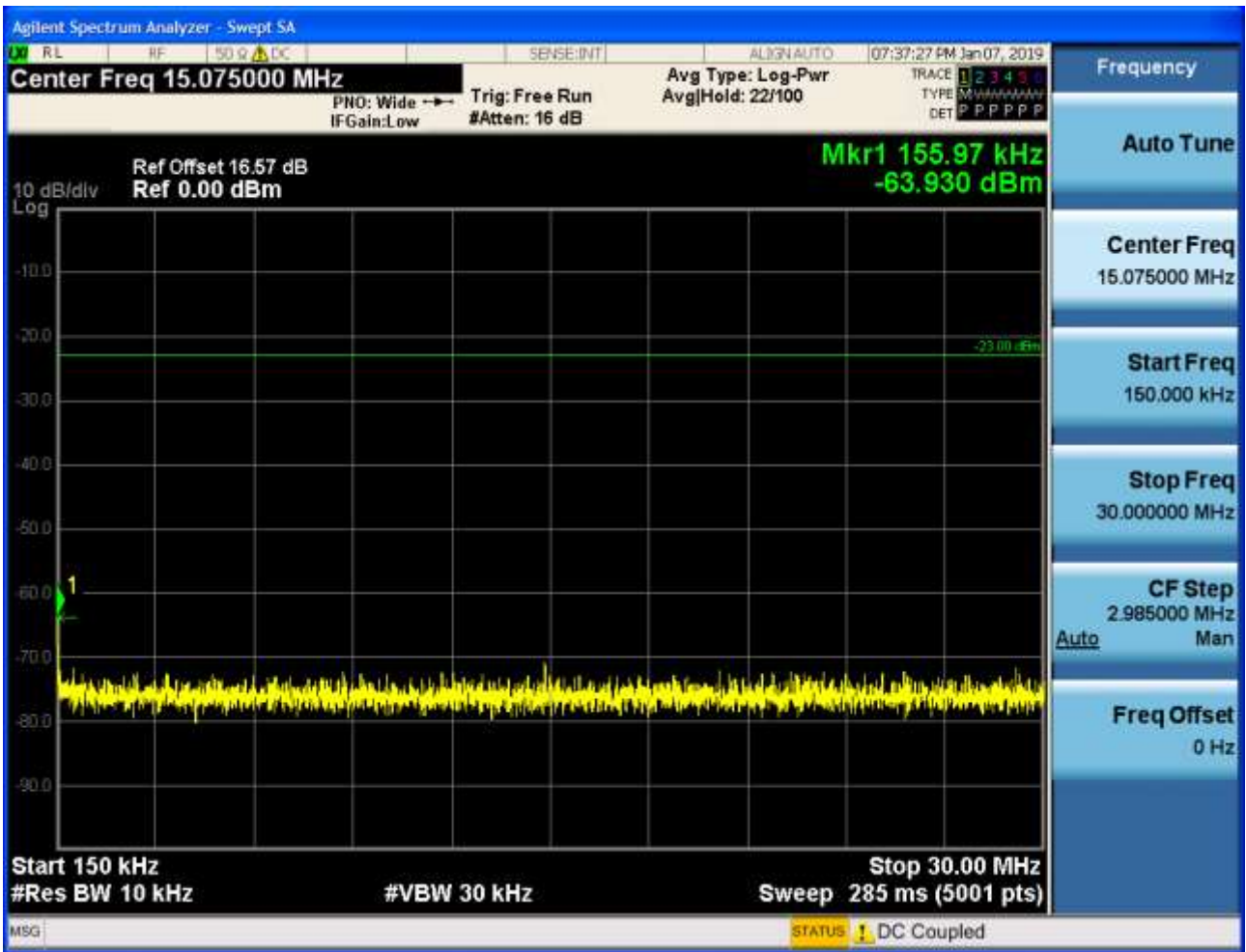


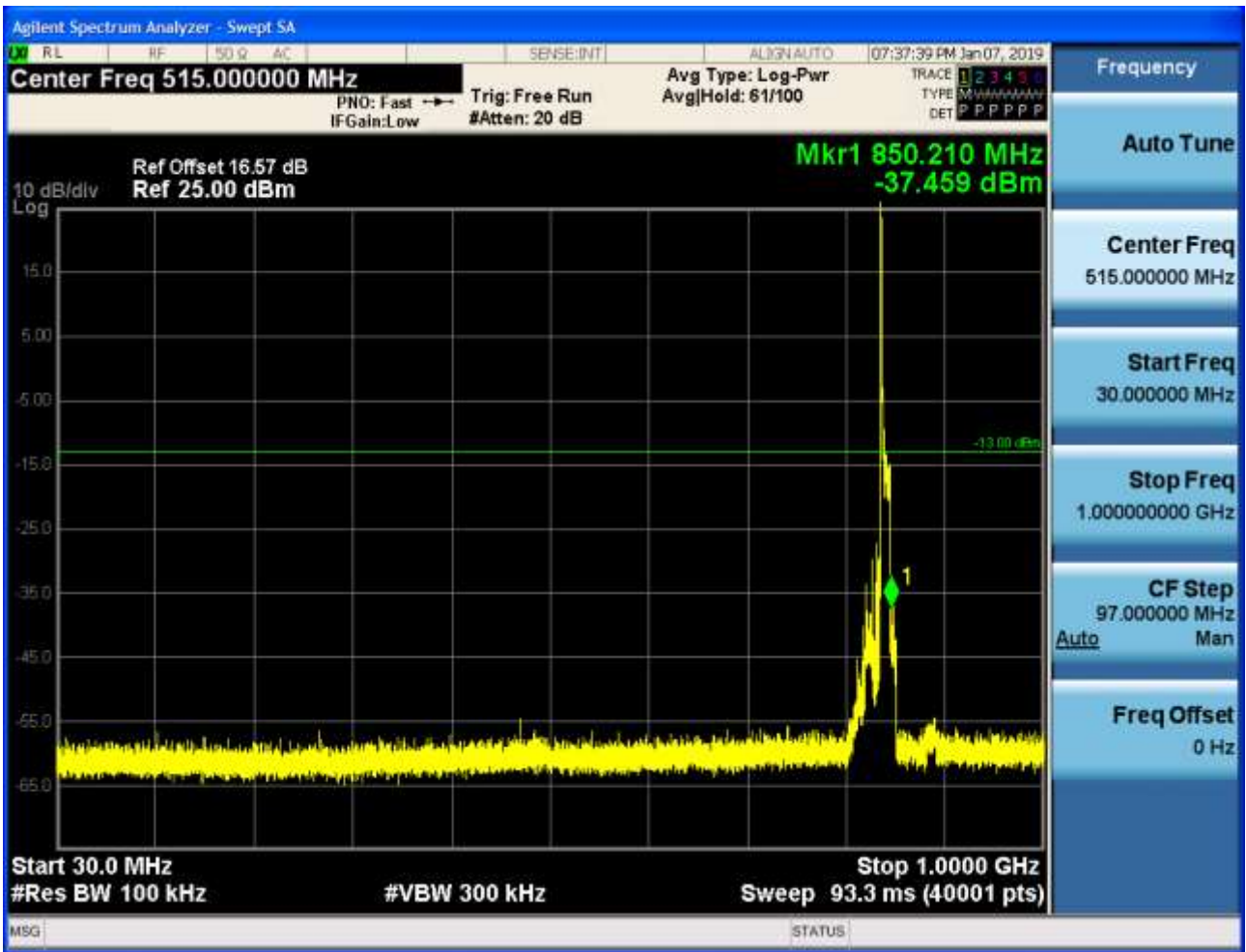


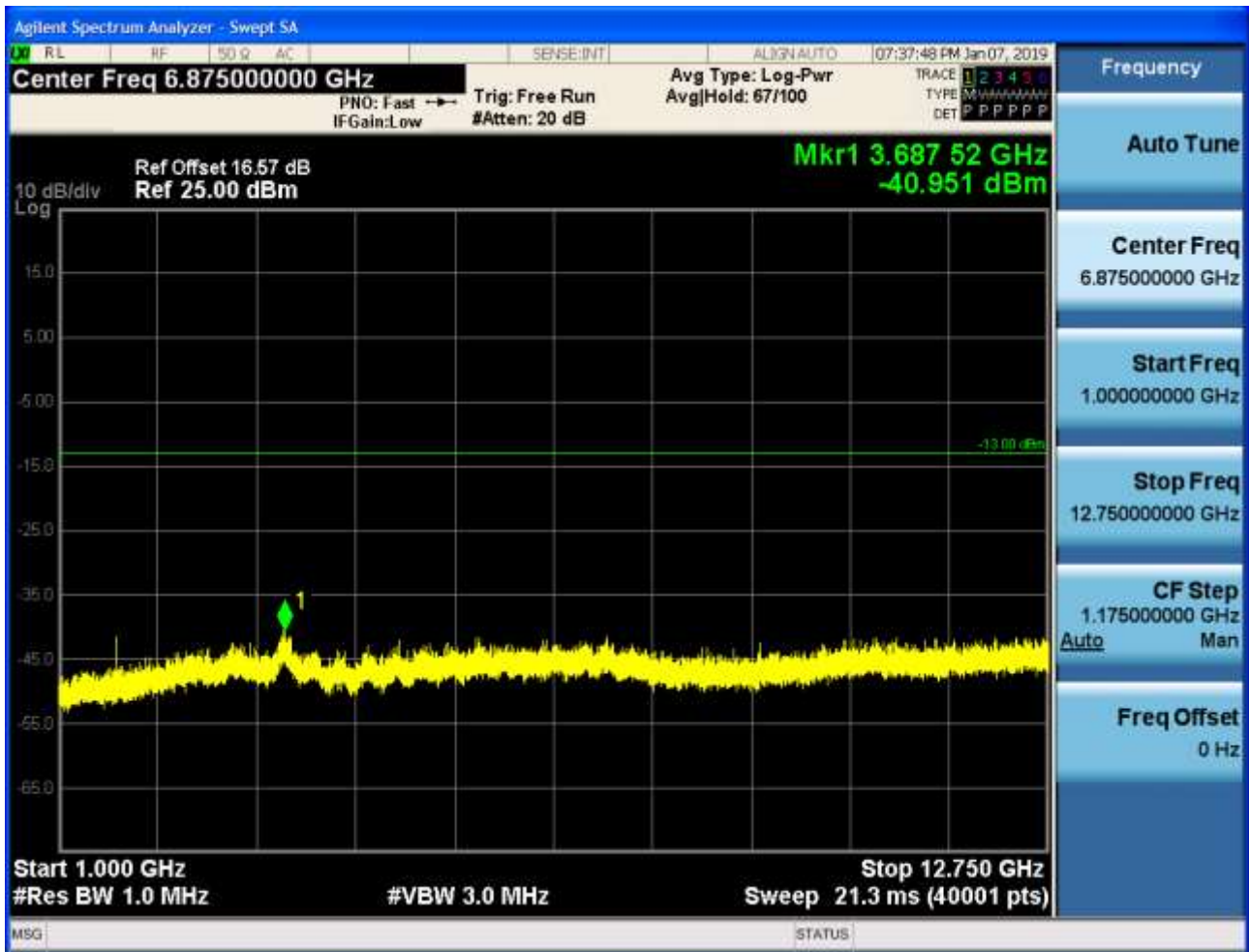
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0





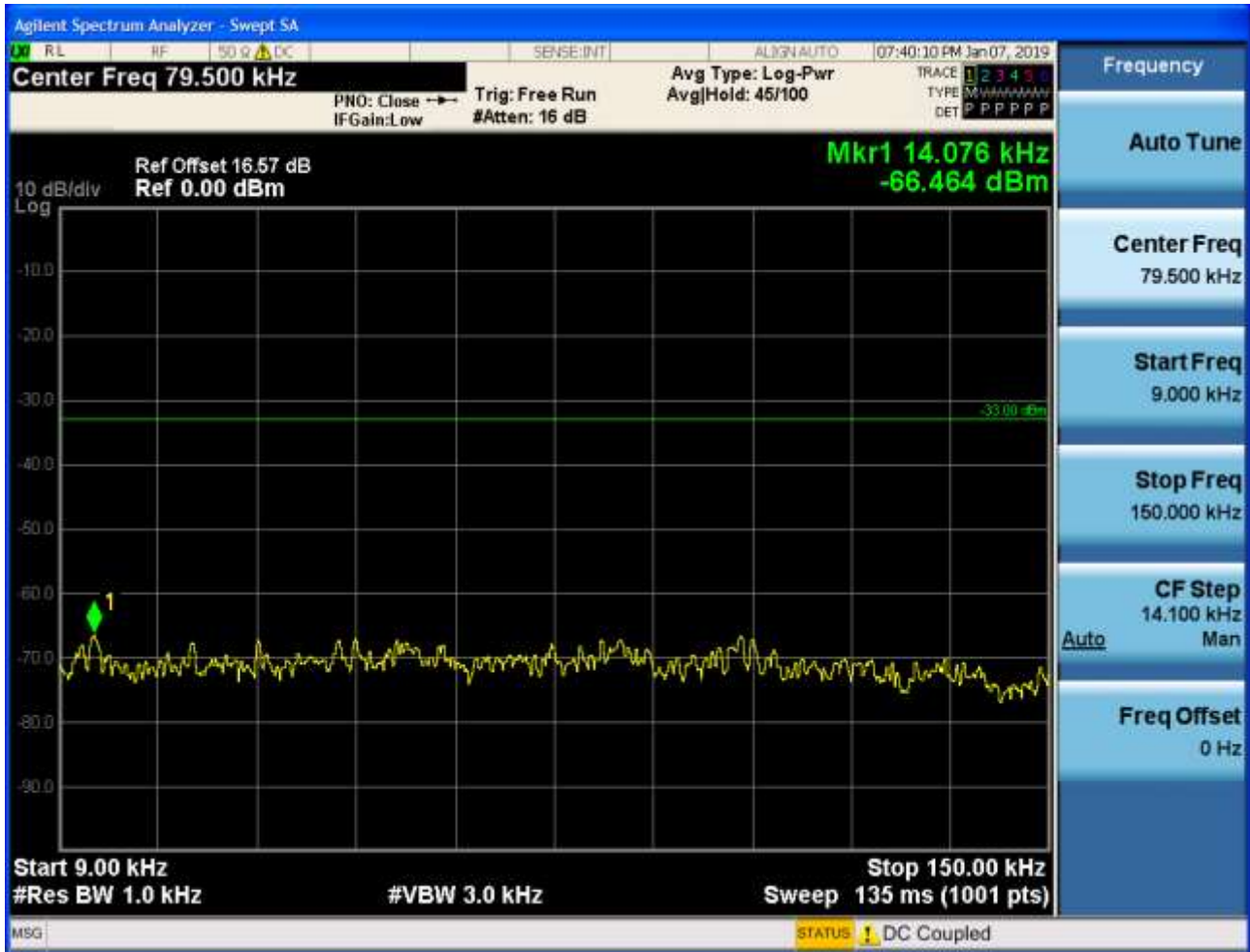


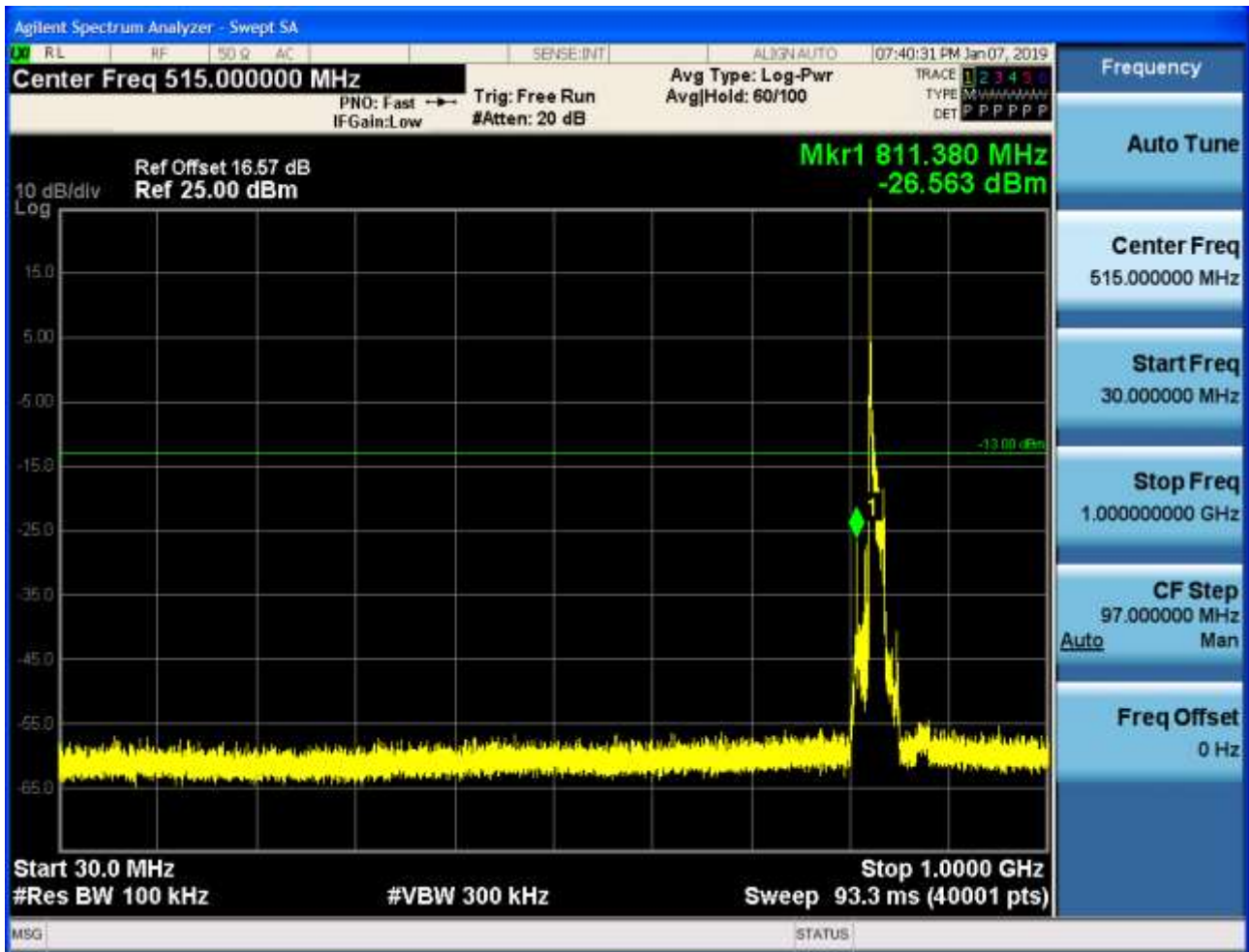


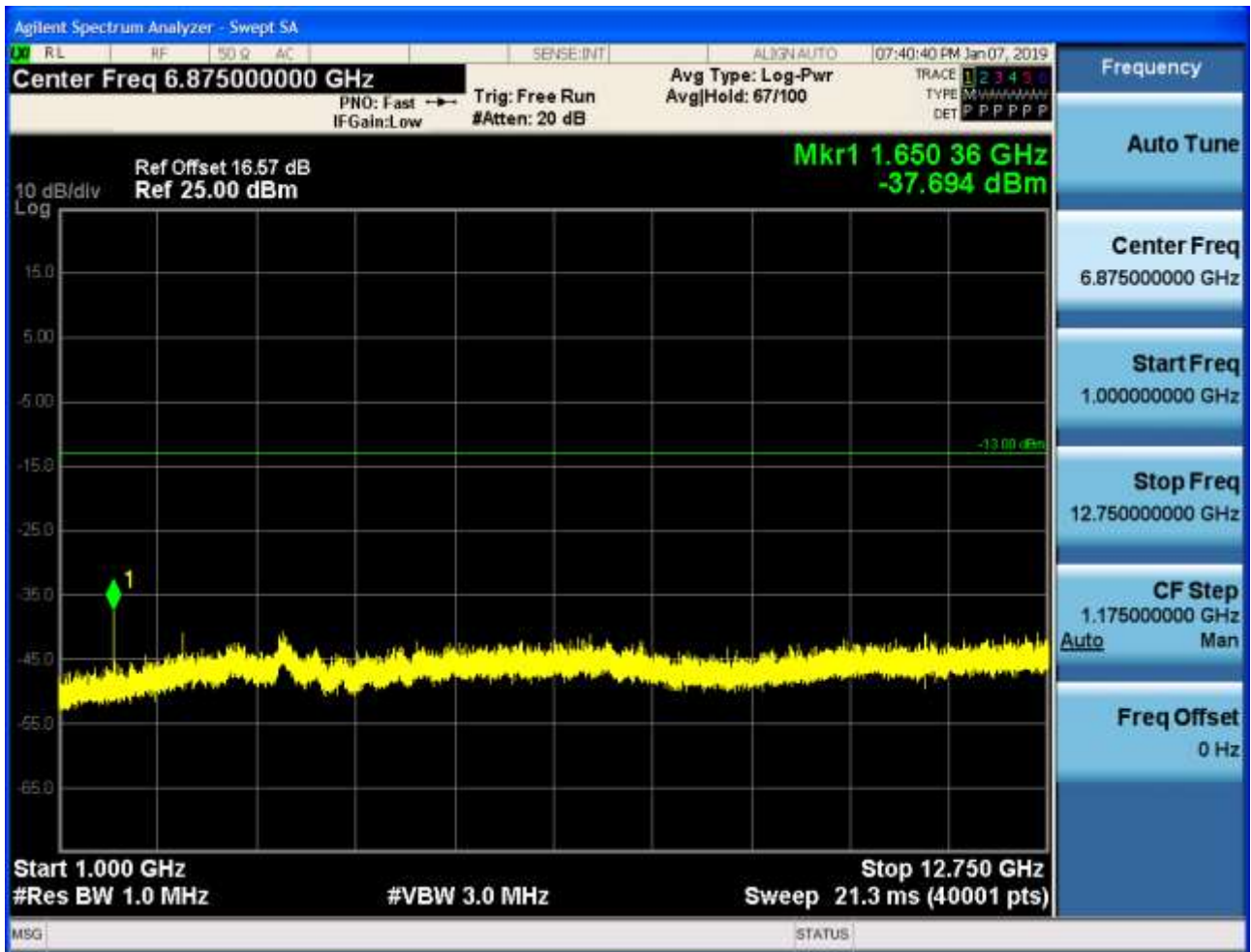
6.2.1.2.5 Test Bandwidth = 15

6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0



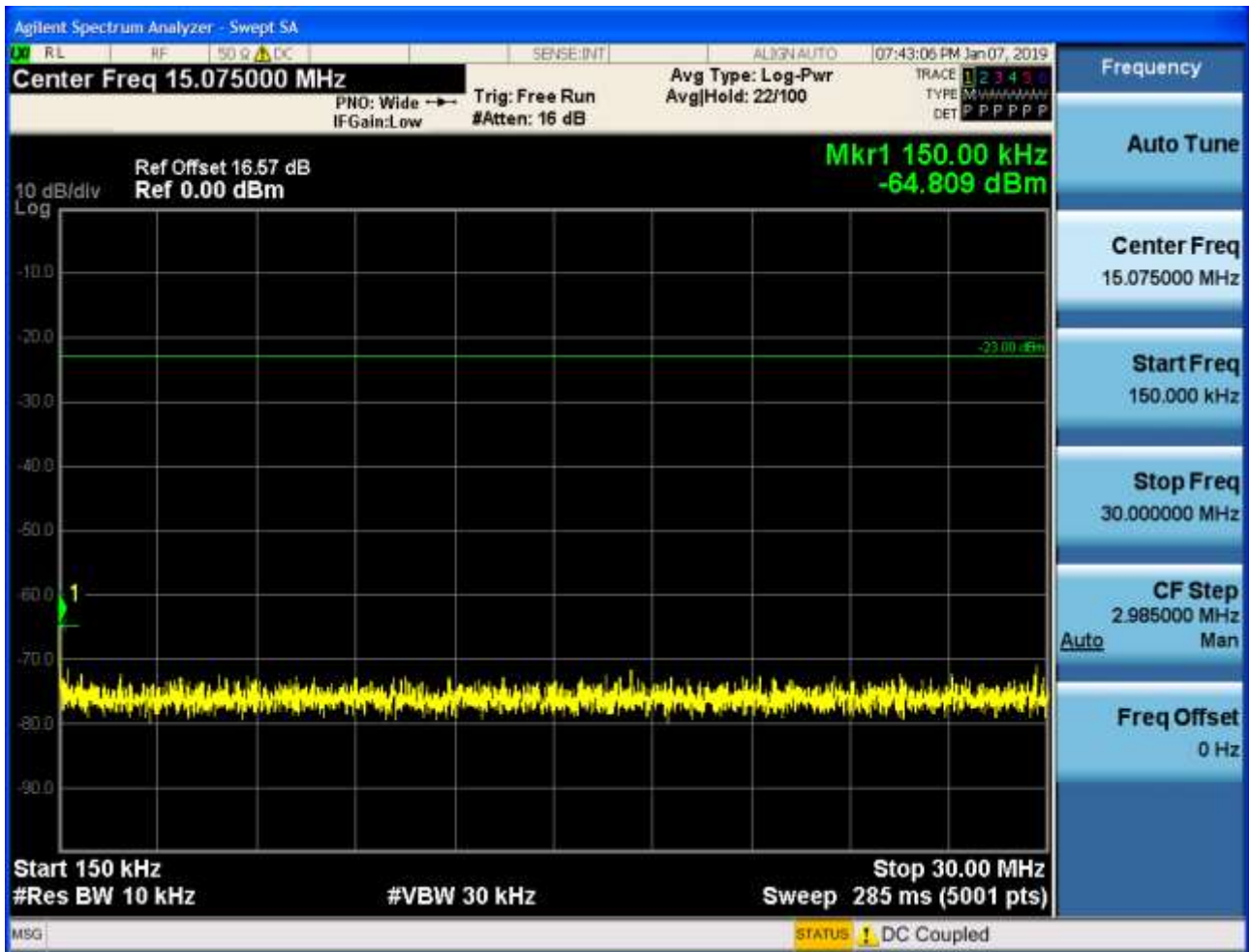


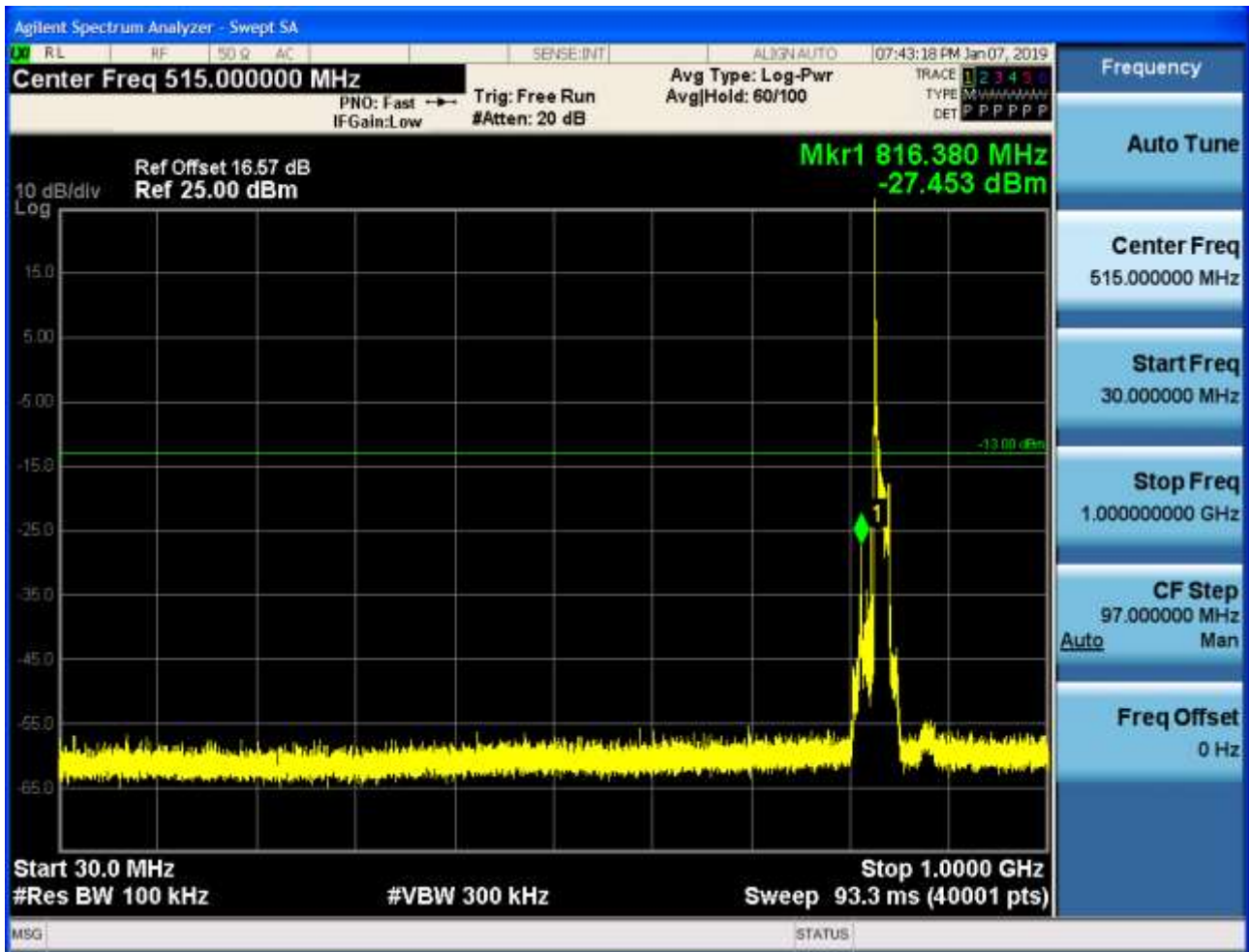


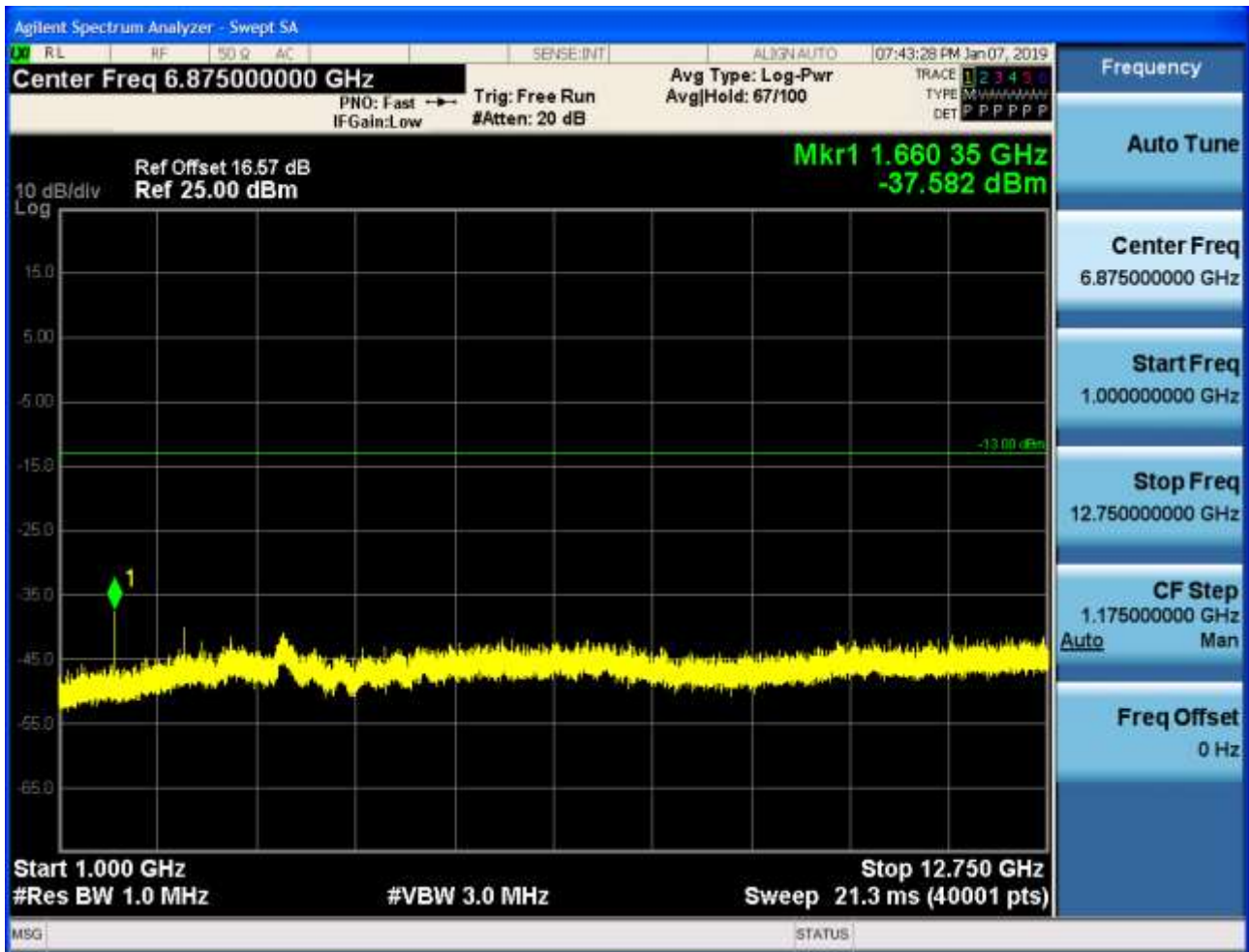
6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0





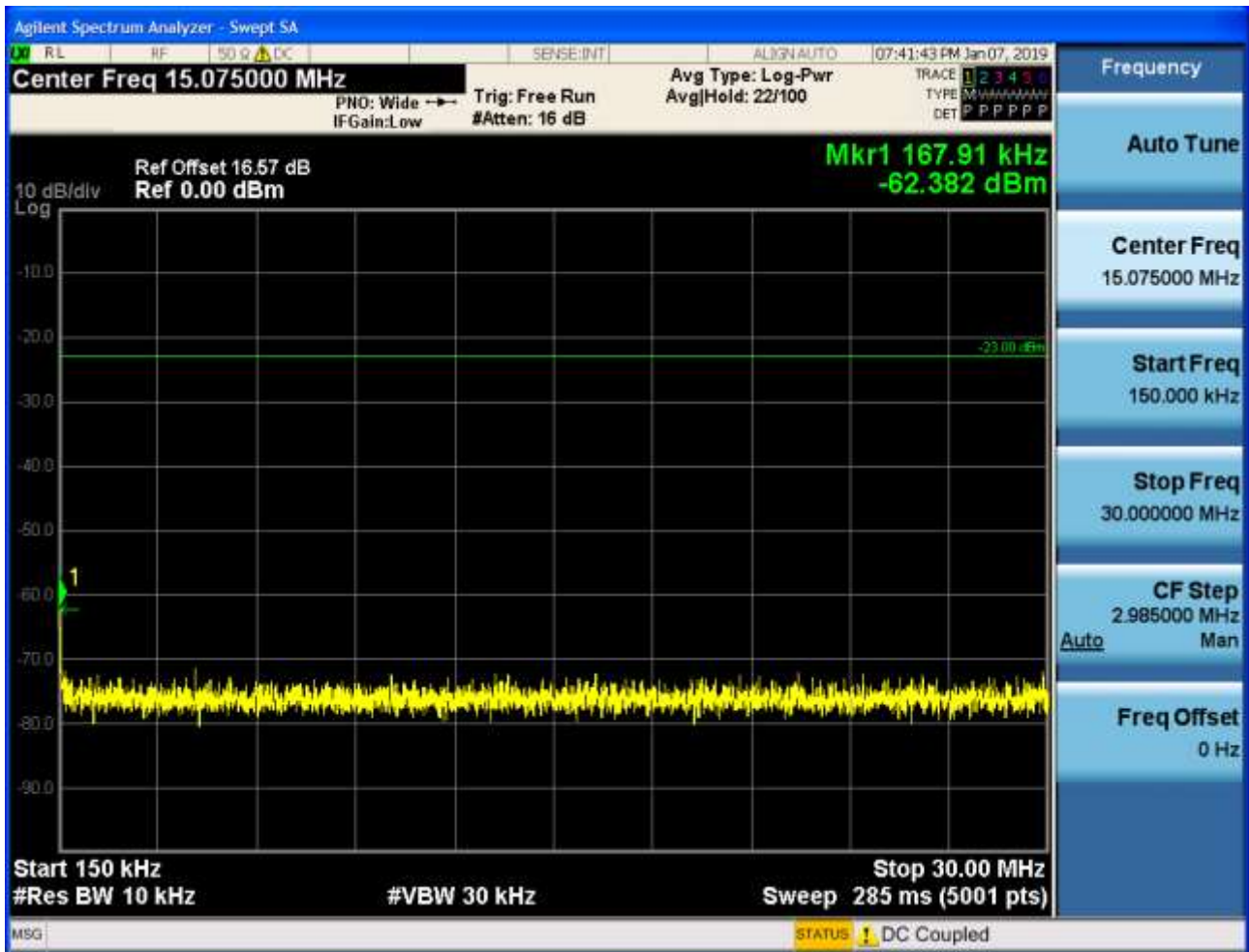


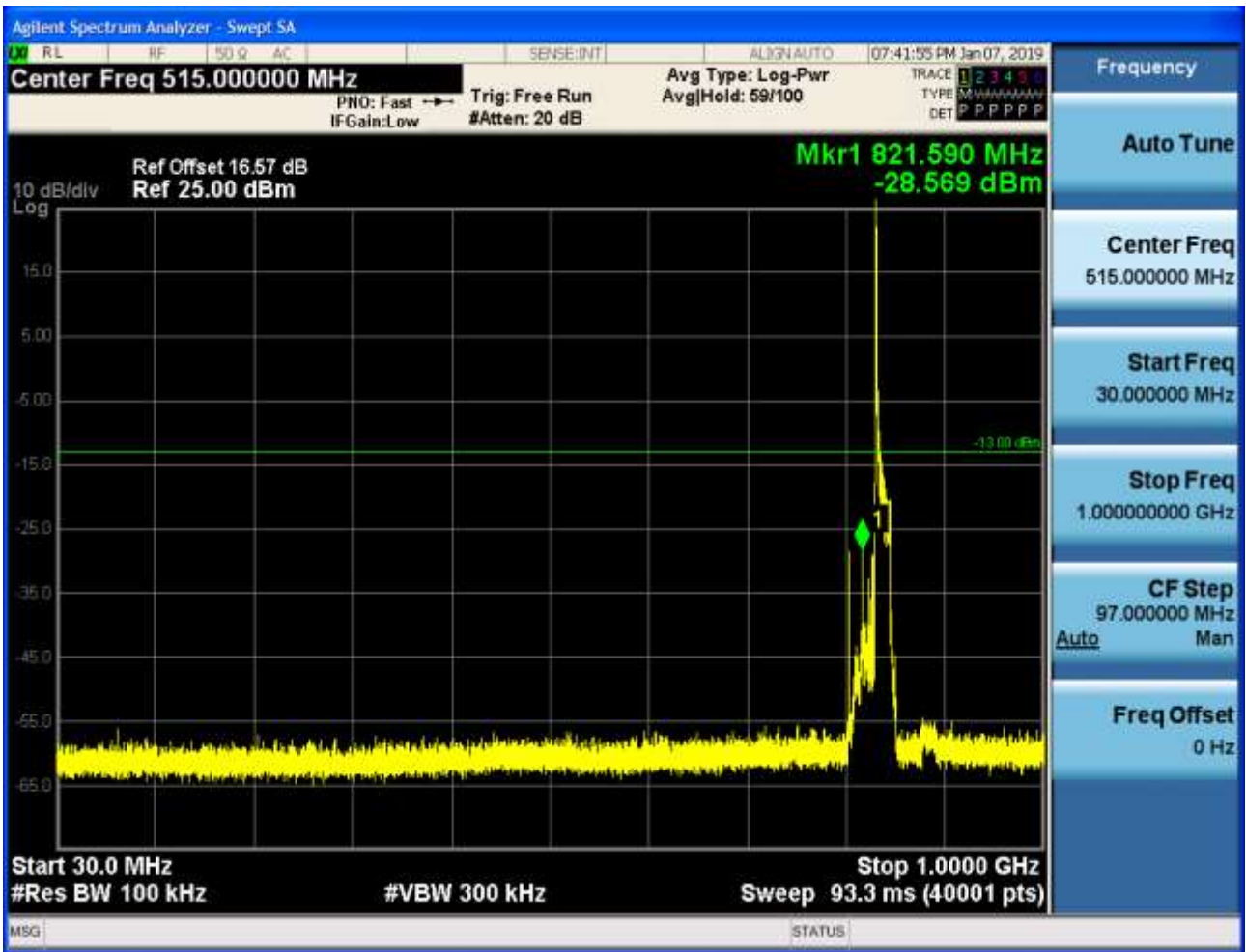


6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 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

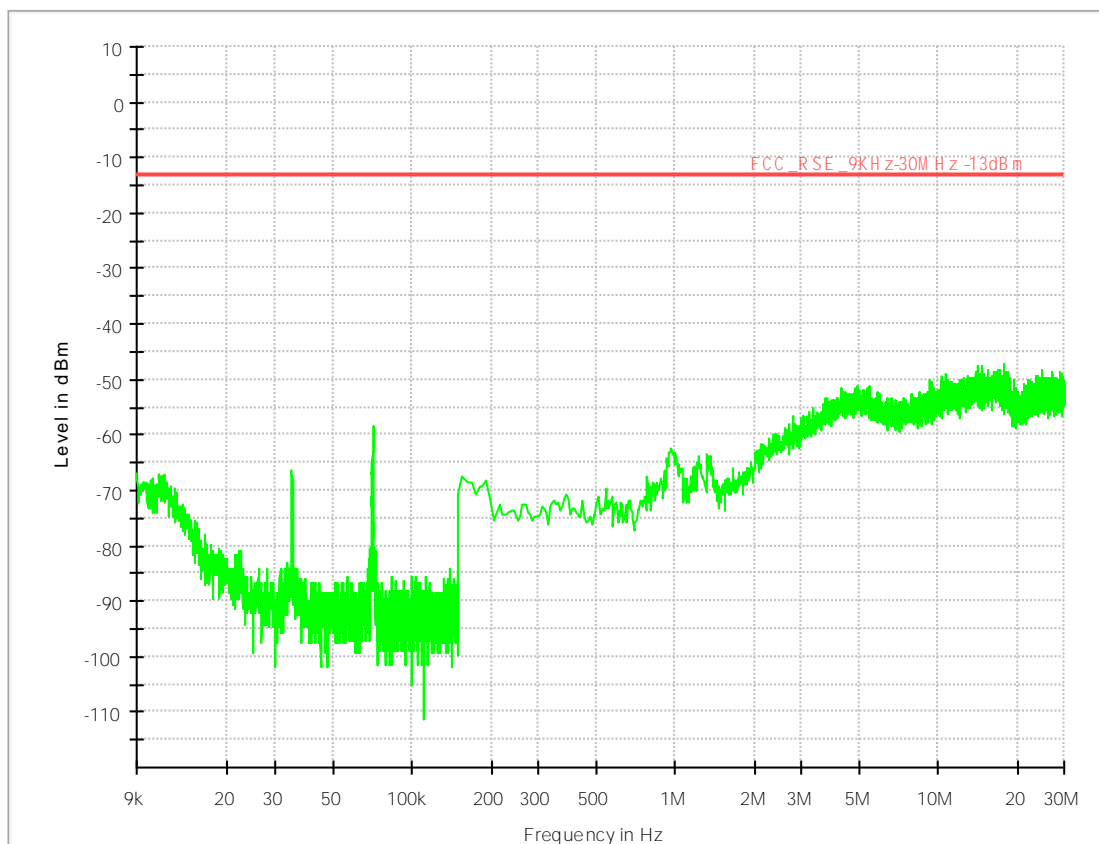
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

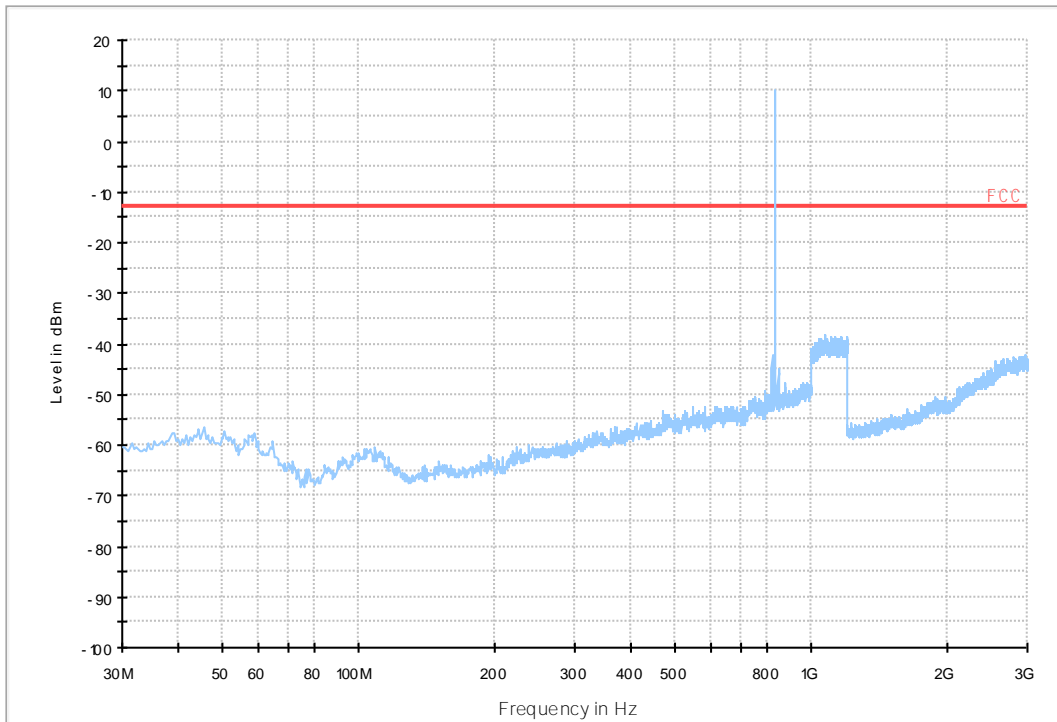
7.1 For LTE

7.1.1 Test Band = Band26 (824-849MHz) _ ANT1

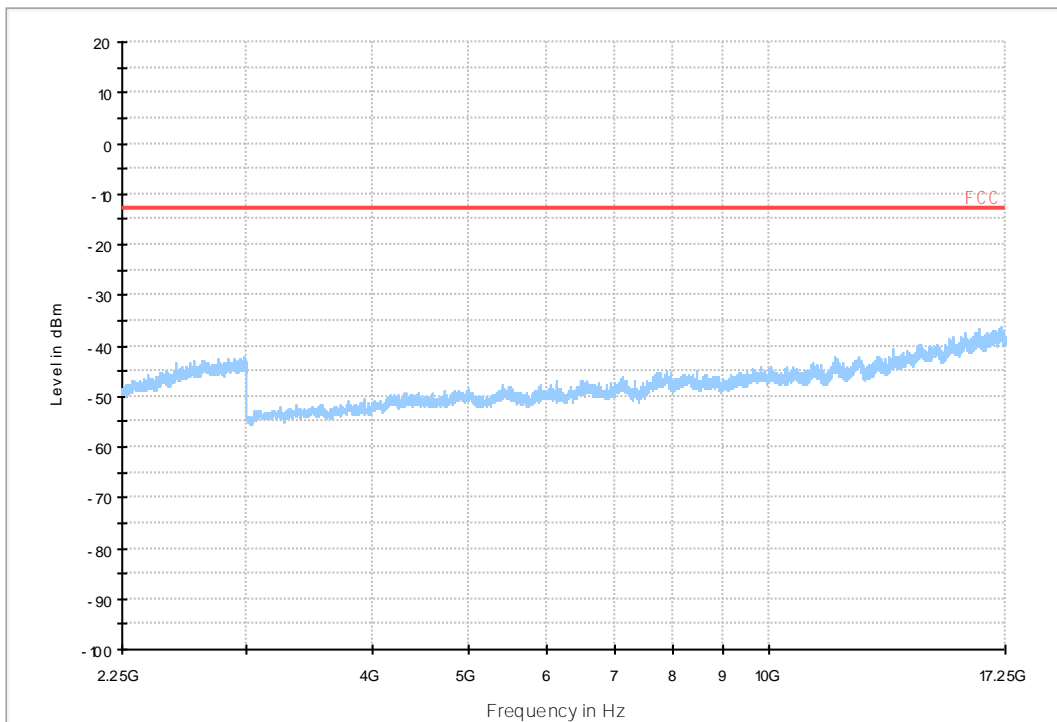
7.1.1.1 Test Bandwidth = 1.4



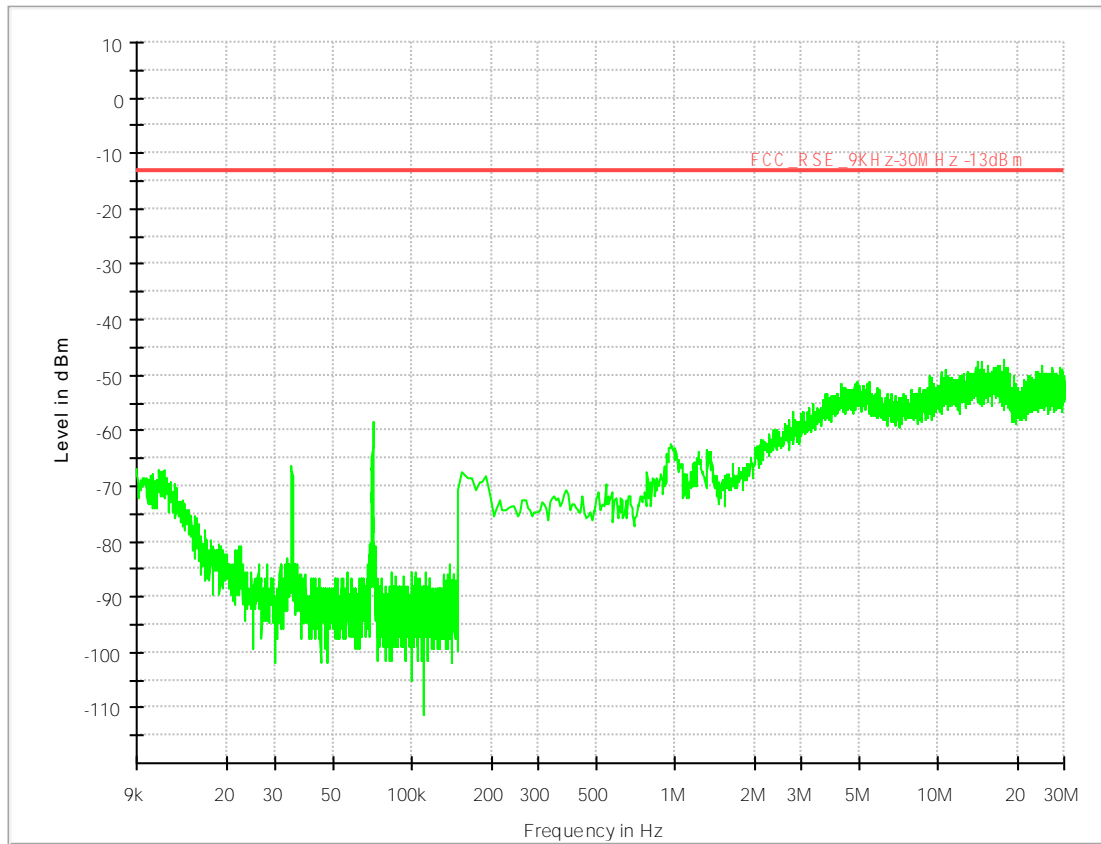
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



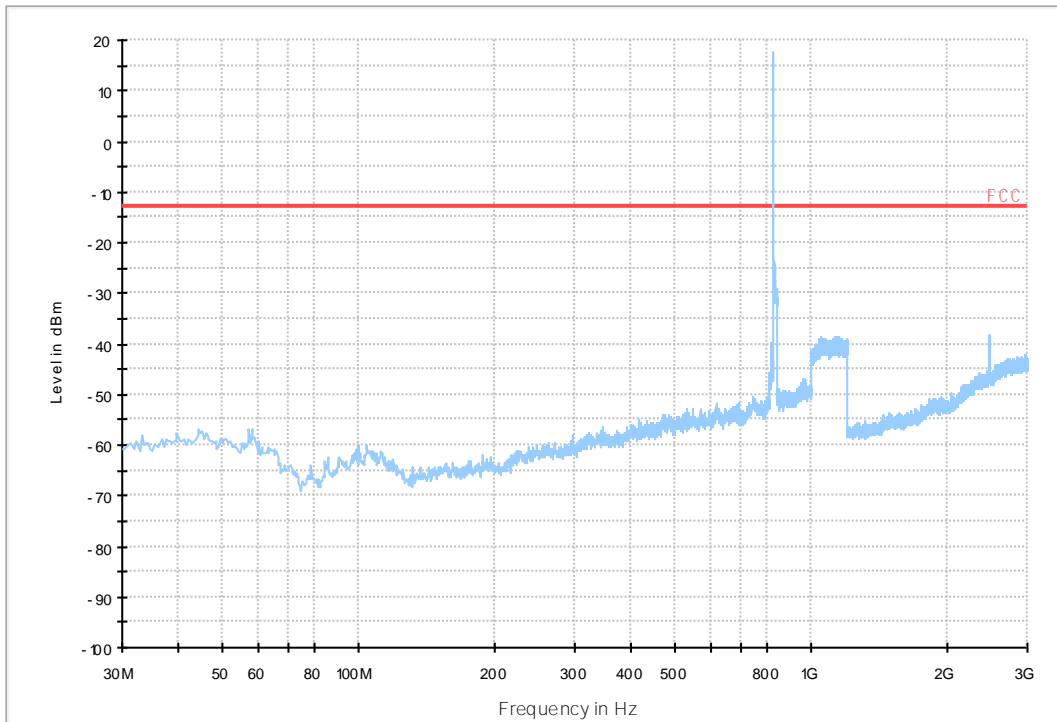
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



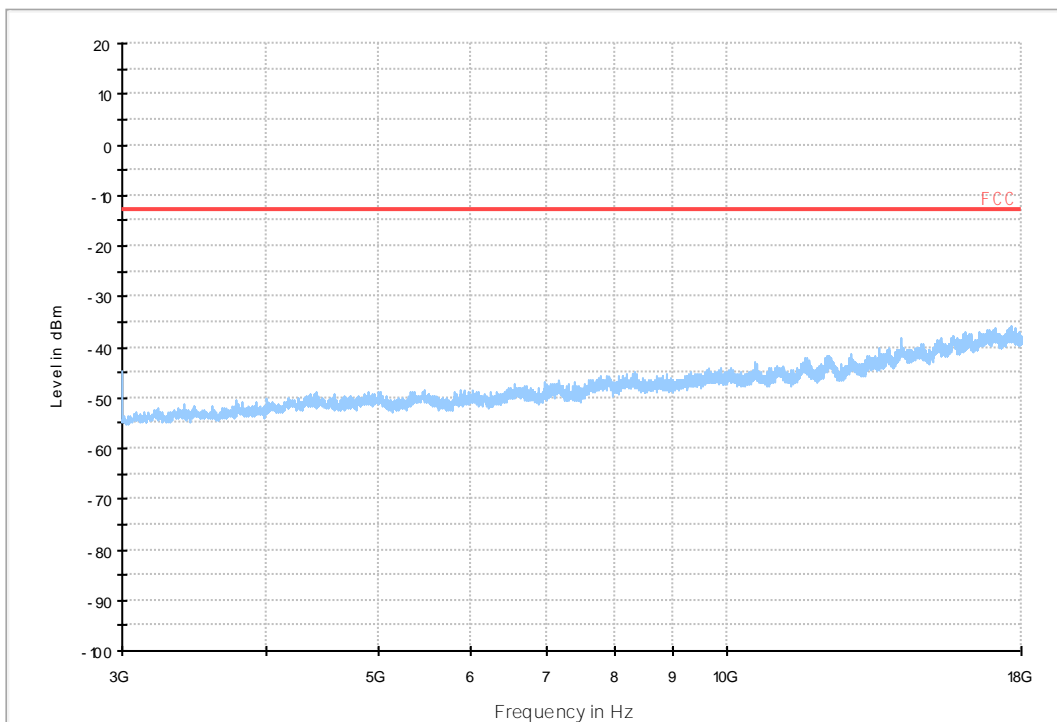
7.1.1.2 Test Bandwidth = 15



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

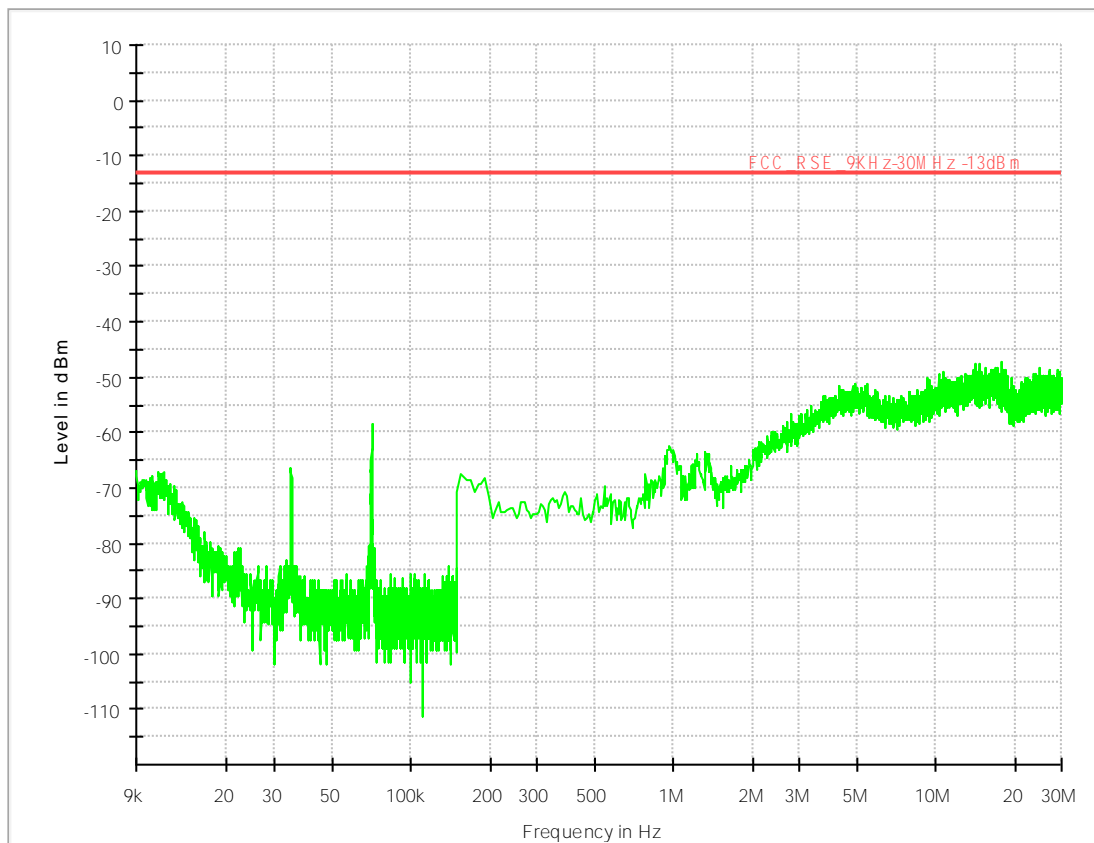


LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

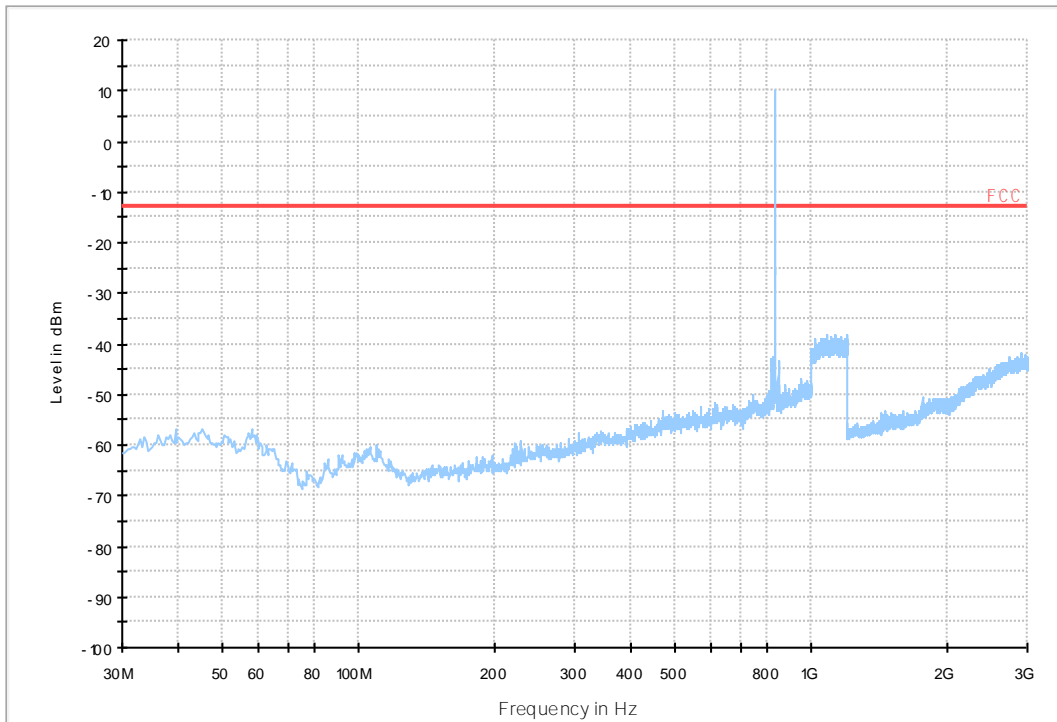


7.1.2 Test Band = Band26 (824-849MHz) _ ANT2

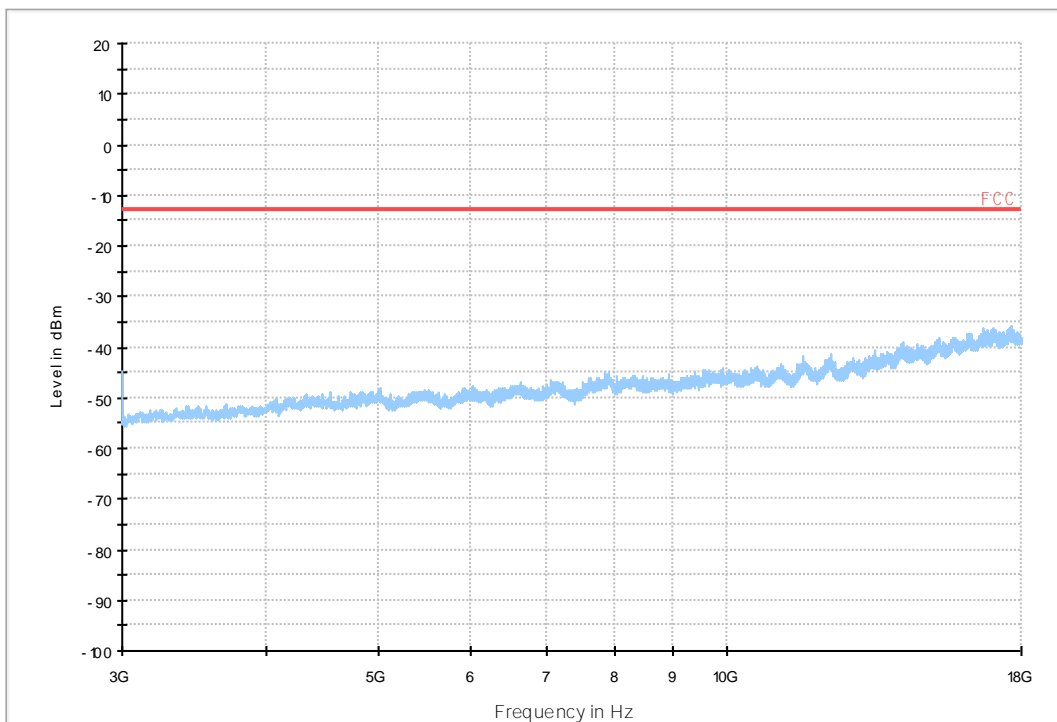
7.1.2.1 Test Bandwidth = 1.4



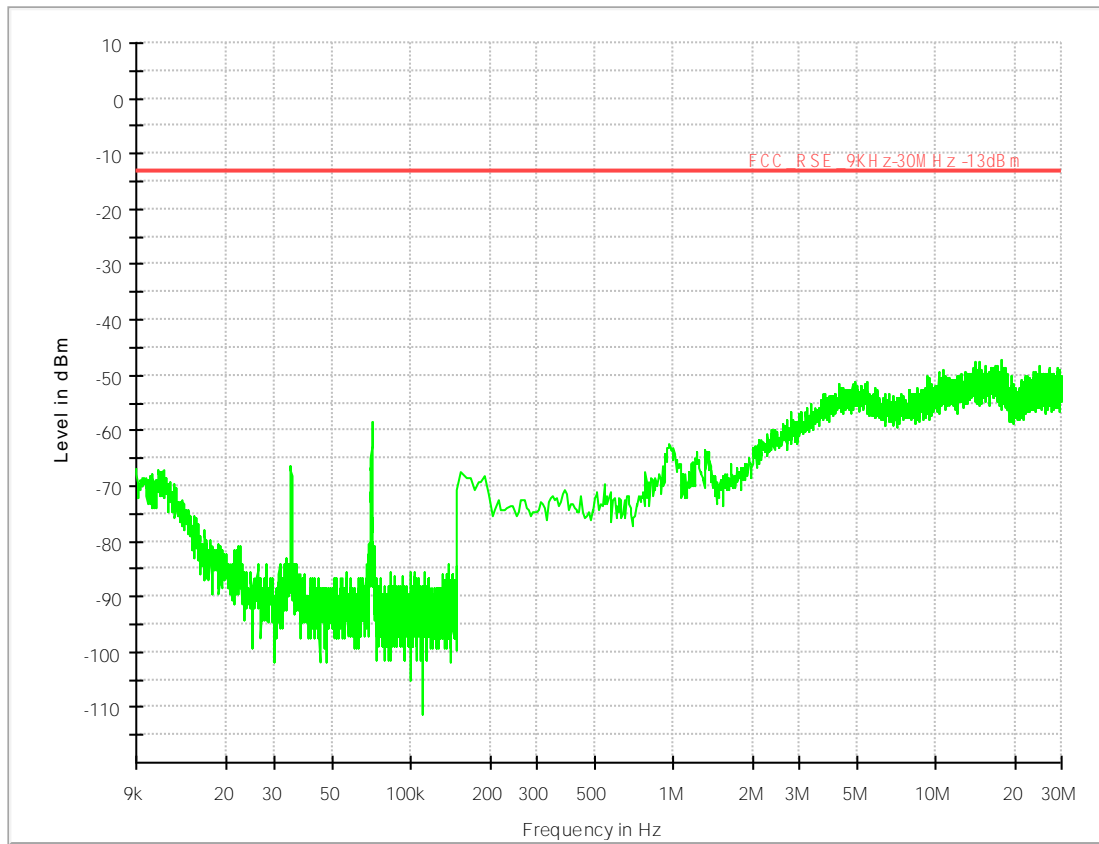
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



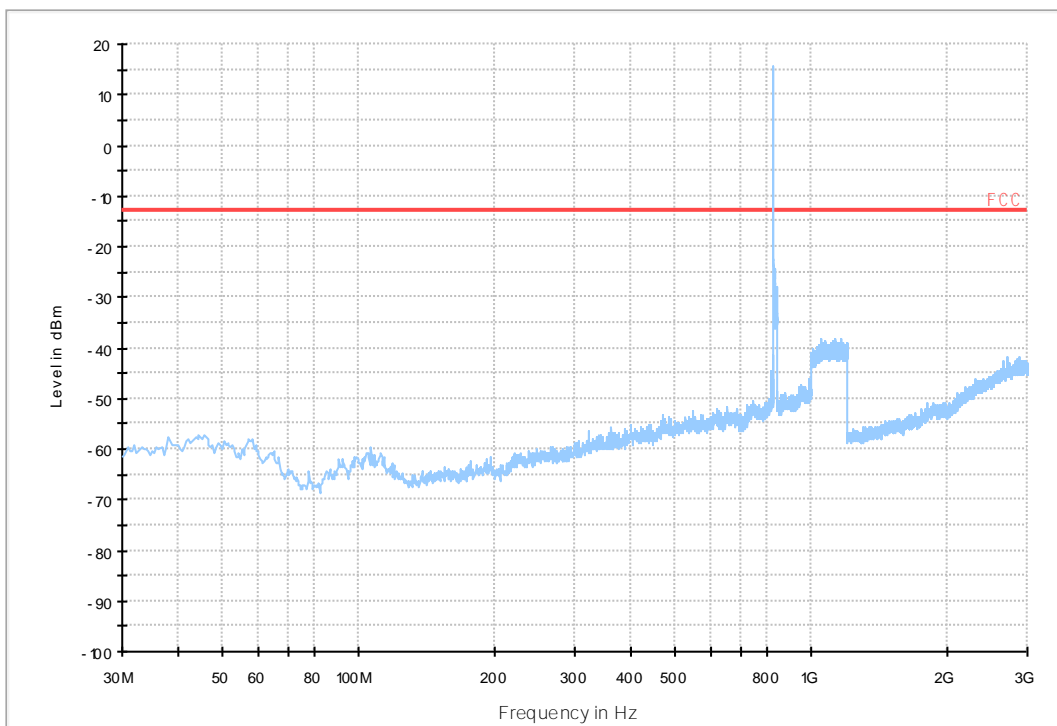
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



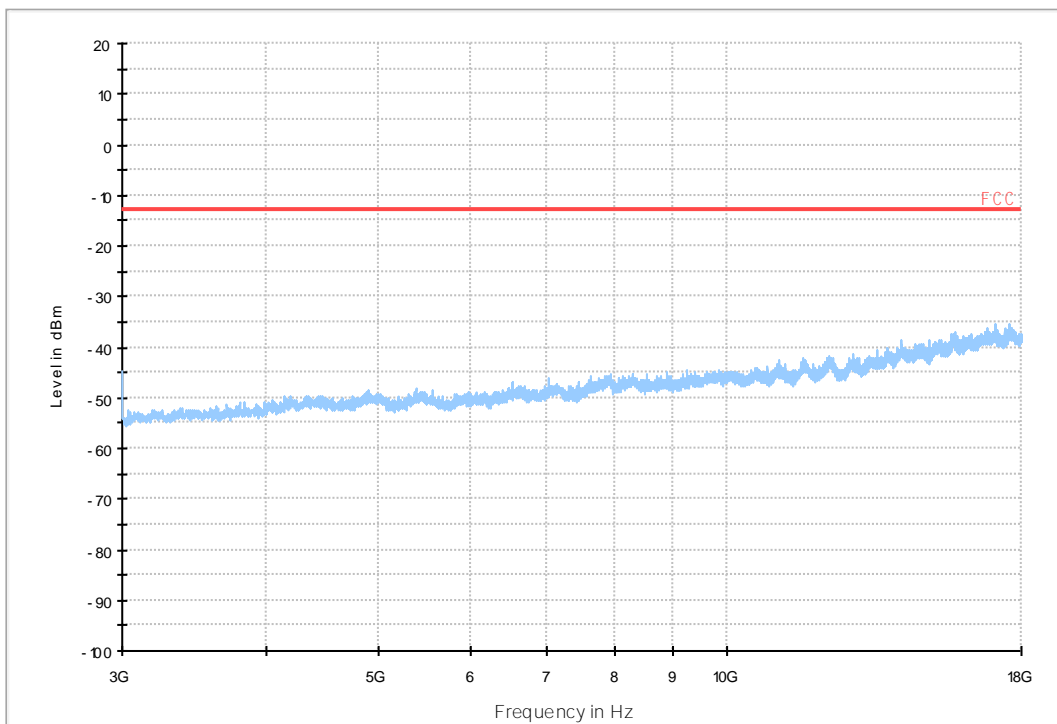
7.1.2.2 Test Bandwidth = 15



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 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 |
|------------------------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| Band26 (824-849MHz) | LTE/TM1 | 1.4 | LCH | TN | VL | 0.80109 | 0.00097 | PASS |
| | | | | | VN | 13.17501 | 0.01598 | PASS |
| | | | | | VH | 2.57492 | 0.00312 | PASS |
| | | | MCH | TN | VL | 2.66075 | 0.00318 | PASS |
| | | | | | VN | 2.08855 | 0.00250 | PASS |
| | | | | | VH | -0.48637 | -0.00058 | PASS |
| | | | HCH | TN | VL | -3.76225 | -0.00444 | PASS |
| | | | | | VN | -5.26428 | -0.00621 | PASS |
| | | | | | VH | -9.44138 | -0.01113 | PASS |
| | | 3 | LCH | TN | VL | -8.69751 | -0.01054 | PASS |
| | | | | | VN | 10.44273 | 0.01265 | PASS |
| | | | | | VH | -19.91272 | -0.02412 | PASS |
| | | | MCH | TN | VL | -0.44346 | -0.00053 | PASS |
| | | | | | VN | 2.27451 | 0.00272 | PASS |
| | | | | | VH | -0.11444 | -0.00014 | PASS |
| | | | HCH | TN | VL | -5.33581 | -0.00630 | PASS |
| | | | | | VN | -0.97275 | -0.00115 | PASS |
| | | | | | VH | 3.67641 | 0.00434 | PASS |
| | | 5 | LCH | TN | VL | -4.22001 | -0.00511 | PASS |
| | | | | | VN | 0.84400 | 0.00102 | PASS |
| | | | | | VH | 11.77311 | 0.01424 | PASS |
| | | | MCH | TN | VL | -19.25468 | -0.02302 | PASS |
| | | | | | VN | -6.75201 | -0.00807 | PASS |
| | | | | | VH | -0.92983 | -0.00111 | PASS |
| | | | HCH | TN | VL | 0.01431 | 0.00002 | PASS |
| | | | | | VN | -1.30177 | -0.00154 | PASS |
| | | | | | VH | -4.39167 | -0.00519 | PASS |
| | | 10 | LCH | TN | VL | 2.24590 | 0.00271 | PASS |
| | | | | | VN | -0.58651 | -0.00071 | PASS |
| | | | | | VH | 1.31607 | 0.00159 | PASS |
| | | | MCH | TN | VL | 2.67506 | 0.00320 | PASS |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| | LTE/TM2 | 15 | HCH | TN | VN | -5.42164 | -0.00648 | PASS |
| | | | | | VH | 0.72956 | 0.00087 | PASS |
| | | | | | VL | -1.98841 | -0.00236 | PASS |
| | | | | | VN | -2.84672 | -0.00337 | PASS |
| | | | | | VH | -0.58651 | -0.00069 | PASS |
| | | | | | VL | -5.06401 | -0.00609 | PASS |
| | | | LCH | TN | VN | -5.07832 | -0.00611 | PASS |
| | | | | | VH | -5.33581 | -0.00642 | PASS |
| | | | | | VL | 1.11580 | 0.00133 | PASS |
| | | | | | VN | -2.20299 | -0.00263 | PASS |
| | | | | | VH | 1.04427 | 0.00125 | PASS |
| | | | | | VL | -6.98090 | -0.00830 | PASS |
| | | MCH | TN | VN | -3.81947 | -0.00454 | PASS | |
| | | | | VH | -1.27316 | -0.00151 | PASS | |
| | | | | VL | 8.85487 | 0.01074 | PASS | |
| | | | | VN | 1.35899 | 0.00165 | PASS | |
| | | | | VH | -0.25749 | -0.00031 | PASS | |
| | | | | VL | -1.93119 | -0.00231 | PASS | |
| | | HCH | TN | VN | -2.51770 | -0.00301 | PASS | |
| | | | | VH | 3.00407 | 0.00359 | PASS | |
| | | | | VL | -5.06401 | -0.00597 | PASS | |
| | | | | VN | 6.26564 | 0.00739 | PASS | |
| | | | | VH | -2.64645 | -0.00312 | PASS | |
| | | | | VL | 2.21729 | 0.00269 | PASS | |
| | | 1.4 | MCH | TN | VN | -5.50747 | -0.00667 | PASS |
| | | | | | VH | -0.84400 | -0.00102 | PASS |
| | | | | | VL | 1.80244 | 0.00215 | PASS |
| | | | | | VN | -2.31743 | -0.00277 | PASS |
| | | | | | VH | -1.37329 | -0.00164 | PASS |
| | | | | | VL | 7.75337 | 0.00915 | PASS |
| | | 3 | HCH | TN | VN | 5.86510 | 0.00692 | PASS |
| | | | | | VH | -0.72956 | -0.00086 | PASS |
| | | | | | VL | 4.19140 | 0.00507 | PASS |
| | | | | | VN | 0.60081 | 0.00073 | PASS |
| | | | | | VH | -10.04219 | -0.01215 | PASS |
| | | | | | VL | -5.67913 | -0.00679 | PASS |
| | | 5 | MCH | TN | VN | -12.48837 | -0.01493 | PASS |
| | | | | | VH | 3.31879 | 0.00397 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| | | 10 | HCH | TN | VL | 1.02997 | 0.00122 | PASS |
| | | | | | VN | 0.35763 | 0.00042 | PASS |
| | | | | | VH | -3.64780 | -0.00431 | PASS |
| | | | LCH | TN | VL | 2.05994 | 0.00248 | PASS |
| | | | | | VN | 0.30041 | 0.00036 | PASS |
| | | | | | VH | -2.64645 | -0.00319 | PASS |
| | | | MCH | TN | VL | 0.11444 | 0.00014 | PASS |
| | | | | | VN | -3.08990 | -0.00369 | PASS |
| | | | | | VH | 7.19547 | 0.00860 | PASS |
| | | HCH | TN | VL | -1.38760 | -0.00164 | PASS | |
| | | | | VN | -4.37737 | -0.00519 | PASS | |
| | | | | VH | 0.65804 | 0.00078 | PASS | |
| | | 15 | LCH | TN | VL | -0.04292 | -0.00005 | PASS |
| | | | | | VN | -2.84672 | -0.00342 | PASS |
| | | | | | VH | -0.38624 | -0.00046 | PASS |
| | | | MCH | TN | VL | 6.36578 | 0.00761 | PASS |
| | | | | | VN | 1.94550 | 0.00233 | PASS |
| | | | | | VH | 1.85966 | 0.00222 | PASS |
| | | | HCH | TN | VL | 2.27451 | 0.00270 | PASS |
| | | | | | VN | 0.04292 | 0.00005 | PASS |
| | | | | | VH | -5.99384 | -0.00712 | 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 |
|------------------------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| Band26 (824-849MHz) | LTE/TM1 | 1.4 | LCH | VN | -30 | 2.50339 | 0.00304 | PASS |
| | | | | | -20 | 6.32286 | 0.00767 | PASS |
| | | | | | -10 | 12.51698 | 0.01518 | PASS |
| | | | | | 0 | 4.96387 | 0.00602 | PASS |
| | | | | | 10 | -0.38624 | -0.00047 | PASS |
| | | | | | 20 | 13.17501 | 0.01598 | PASS |
| | | | | | 30 | 8.82626 | 0.01070 | PASS |
| | | | | | 40 | -12.25948 | -0.01487 | PASS |
| | | | | | 50 | 8.33988 | 0.01011 | PASS |
| | | | MCH | VN | -30 | -10.52856 | -0.01259 | PASS |
| | | | | | -20 | -5.92232 | -0.00708 | PASS |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|----------|------|
| | | | | | -10 | 1.95980 | 0.00234 | PASS | | |
| | | | | | 0 | 1.65939 | 0.00198 | PASS | | |
| | | | | | 10 | 4.40597 | 0.00527 | PASS | | |
| | | | | | 20 | 2.08855 | 0.00250 | PASS | | |
| | | | | | 30 | 5.70774 | 0.00682 | PASS | | |
| | | | | | 40 | -8.54015 | -0.01021 | PASS | | |
| | | | 50 | -4.24862 | -0.00508 | PASS | | | | |
| | | | HCH | VN | -30 | -10.11372 | -0.01192 | PASS | | |
| | | | | | -20 | 3.21865 | 0.00379 | PASS | | |
| | | | | | -10 | 6.09398 | 0.00718 | PASS | | |
| | | | | | 0 | 0.51498 | 0.00061 | PASS | | |
| | | | | | 10 | -1.27316 | -0.00150 | PASS | | |
| | | | | | 20 | -5.26428 | -0.00621 | PASS | | |
| | | | 30 | -1.70231 | -0.00201 | PASS | | | | |
| | | | 40 | 3.14712 | 0.00371 | PASS | | | | |
| | | | 50 | 5.07832 | 0.00599 | PASS | | | | |
| | | | 3 | | LCH | VN | -30 | -3.66211 | -0.00444 | PASS |
| | | | | | | | -20 | 8.36849 | 0.01014 | PASS |
| | | -10 | | | | | 10.24246 | 0.01241 | PASS | |
| | | 0 | | | | | -3.44753 | -0.00418 | PASS | |
| | | 10 | | | | | -1.10149 | -0.00133 | PASS | |
| | | 20 | | | | | 10.44273 | 0.01265 | PASS | |
| | | 30 | | | | | 1.50204 | 0.00182 | PASS | |
| | | 40 | | | | | 6.73771 | 0.00816 | PASS | |
| | | 50 | | | | | -3.64780 | -0.00442 | PASS | |
| | | MCH | | | VN | -30 | 2.53200 | 0.00303 | PASS | |
| | | | | | | -20 | -0.71526 | -0.00086 | PASS | |
| | | | | | | -10 | -0.91553 | -0.00109 | PASS | |
| | | | | | | 0 | 4.11987 | 0.00493 | PASS | |
| | | | | | | 10 | -4.59194 | -0.00549 | PASS | |
| | | | | | | 20 | 2.27451 | 0.00272 | PASS | |
| | | 30 | | | -1.40190 | -0.00168 | PASS | | | |
| | | 40 | | | -5.26428 | -0.00629 | PASS | | | |
| | | 50 | | | -0.12875 | -0.00015 | PASS | | | |
| | | HCH | VN | -30 | 5.22137 | 0.00616 | PASS | | | |
| | | | | -20 | -4.52042 | -0.00533 | PASS | | | |
| -10 | 0.47207 | | | 0.00056 | PASS | | | | | |
| 0 | -1.98841 | | | -0.00235 | PASS | | | | | |
| 10 | 1.38760 | | | 0.00164 | PASS | | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|----------|------|
| | | | | | 20 | -0.97275 | -0.00115 | PASS | | |
| | | | | | 30 | 5.12123 | 0.00604 | PASS | | |
| | | | | | 40 | -0.78678 | -0.00093 | PASS | | |
| | | | | | 50 | -1.44482 | -0.00170 | PASS | | |
| | | 5 | LCH | VN | -30 | 6.69479 | 0.00810 | PASS | | |
| | | | | | -20 | -0.55790 | -0.00068 | PASS | | |
| | | | | | -10 | -2.70367 | -0.00327 | PASS | | |
| | | | | | 0 | -3.69072 | -0.00447 | PASS | | |
| | | | | | 10 | -0.35763 | -0.00043 | PASS | | |
| | | | | | 20 | 0.84400 | 0.00102 | PASS | | |
| | | | | | 30 | 4.30584 | 0.00521 | PASS | | |
| | | | | | 40 | 4.77791 | 0.00578 | PASS | | |
| | | | | | 50 | -5.73635 | -0.00694 | PASS | | |
| | | | | | MCH | VN | -30 | 15.04898 | 0.01799 | PASS |
| | | | | | | | -20 | 7.82490 | 0.00935 | PASS |
| | | | | | | | -10 | -6.68049 | -0.00799 | PASS |
| | | 0 | 1.53065 | 0.00183 | | | PASS | | | |
| | | 10 | -2.51770 | -0.00301 | | | PASS | | | |
| | | 20 | -6.75201 | -0.00807 | | | PASS | | | |
| | | 30 | 0.58651 | 0.00070 | | | PASS | | | |
| | | 40 | -23.00262 | -0.02750 | | | PASS | | | |
| | | HCH | VN | -30 | 0.44346 | 0.00052 | PASS | | | |
| | | | | -20 | -3.06129 | -0.00362 | PASS | | | |
| | | | | -10 | -2.37465 | -0.00281 | PASS | | | |
| | | | | 0 | -11.25813 | -0.01330 | PASS | | | |
| | | | | 10 | 1.60217 | 0.00189 | PASS | | | |
| | | | | 20 | -1.30177 | -0.00154 | PASS | | | |
| | | | | 30 | -0.11444 | -0.00014 | PASS | | | |
| | | | | 40 | 2.16007 | 0.00255 | PASS | | | |
| | | 10 | LCH | VN | -30 | 3.61919 | 0.00437 | PASS | | |
| | | | | | -20 | 0.41485 | 0.00050 | PASS | | |
| | | | | | -10 | 2.34604 | 0.00283 | PASS | | |
| 0 | 5.53608 | | | | 0.00668 | PASS | | | | |
| 10 | 1.87397 | | | | 0.00226 | PASS | | | | |
| 20 | -0.58651 | | | | -0.00071 | PASS | | | | |
| 30 | 2.28882 | | | | 0.00276 | PASS | | | | |
| 40 | 1.08719 | | | | 0.00131 | PASS | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|------|
| | | | | | 50 | 0.68665 | 0.00083 | PASS | |
| | | | MCH | VN | -30 | -2.66075 | -0.00318 | PASS | |
| | | | | | -20 | -0.60081 | -0.00072 | PASS | |
| | | | | | -10 | -1.80244 | -0.00215 | PASS | |
| | | | | | 0 | 0.12875 | 0.00015 | PASS | |
| | | | | | 10 | -0.70095 | -0.00084 | PASS | |
| | | | | | 20 | -5.42164 | -0.00648 | PASS | |
| | | | | | 30 | -1.23024 | -0.00147 | PASS | |
| | | | | | 40 | -0.08583 | -0.00010 | PASS | |
| | | | | | 50 | -2.67506 | -0.00320 | PASS | |
| | | | HCH | VN | -30 | -4.46320 | -0.00529 | PASS | |
| | | | | | -20 | -0.27180 | -0.00032 | PASS | |
| | | | | | -10 | -1.07288 | -0.00127 | PASS | |
| | | | | | 0 | 0.61512 | 0.00073 | PASS | |
| | | | | | 10 | -5.26428 | -0.00624 | PASS | |
| | | | | | 20 | -2.84672 | -0.00337 | PASS | |
| | | | | | 30 | 1.74522 | 0.00207 | PASS | |
| | | | | | 40 | -1.45912 | -0.00173 | PASS | |
| | | | | | 50 | -0.24319 | -0.00029 | PASS | |
| | | 15 | LCH | VN | -30 | -0.22888 | -0.00028 | PASS | |
| | | | | | | -20 | 0.25749 | 0.00031 | PASS |
| | | | | | | -10 | -3.14712 | -0.00378 | PASS |
| | | | | | | 0 | -1.07288 | -0.00129 | PASS |
| | | | | | | 10 | -0.61512 | -0.00074 | PASS |
| | | | | | | 20 | -5.07832 | -0.00611 | PASS |
| | | | | | | 30 | -7.85351 | -0.00944 | PASS |
| | | | | | | 40 | -4.52042 | -0.00544 | PASS |
| | | | | | | 50 | -0.01431 | -0.00002 | PASS |
| | | | | MCH | VN | -30 | -2.10285 | -0.00251 | PASS |
| | | | | | | -20 | 1.34468 | 0.00161 | PASS |
| | | | | | | -10 | -2.31743 | -0.00277 | PASS |
| | | | | | | 0 | -0.17166 | -0.00021 | PASS |
| | | | | | | 10 | -1.75953 | -0.00210 | PASS |
| | | | | | | 20 | -2.20299 | -0.00263 | PASS |
| | | | | | | 30 | -2.57492 | -0.00308 | PASS |
| | | | | | | 40 | -1.74522 | -0.00209 | PASS |
| | | | | | | 50 | -0.78678 | -0.00094 | PASS |
| | | | HCH | VN | -30 | -3.01838 | -0.00359 | PASS | |
| | | | | | -20 | -1.80244 | -0.00214 | 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 | -10 | -1.93119 | -0.00229 | PASS |
| | | | | | 0 | -2.87533 | -0.00342 | PASS |
| | | | | | 10 | -3.00407 | -0.00357 | PASS |
| | | | | | 20 | -3.81947 | -0.00454 | PASS |
| | | | | | 30 | -7.15256 | -0.00850 | PASS |
| | | | | | 40 | -1.45912 | -0.00173 | PASS |
| | | | | | 50 | -1.07288 | -0.00127 | PASS |
| | | | MCH | VN | -30 | -0.05722 | -0.00007 | PASS |
| | | | | | -20 | 5.16415 | 0.00626 | PASS |
| | | | | | -10 | -10.98633 | -0.01332 | PASS |
| | | | | | 0 | -1.18732 | -0.00144 | PASS |
| | | | | | 10 | 7.61032 | 0.00923 | PASS |
| | | | | | 20 | 1.35899 | 0.00165 | PASS |
| | | | | | 30 | -0.67234 | -0.00082 | PASS |
| | HCH | VN | -30 | 6.56605 | 0.00785 | PASS | | |
| | | | -20 | 18.68248 | 0.02233 | PASS | | |
| | | | -10 | -1.30177 | -0.00156 | PASS | | |
| | | | 0 | -2.27451 | -0.00272 | PASS | | |
| | | | 10 | -3.73364 | -0.00446 | PASS | | |
| | | | 20 | -2.51770 | -0.00301 | PASS | | |
| | | | 30 | -4.96387 | -0.00593 | PASS | | |
| | LCH | VN | -30 | 5.16415 | 0.00617 | PASS | | |
| | | | -20 | -0.35763 | -0.00043 | PASS | | |
| | | | -30 | -4.87804 | -0.00575 | PASS | | |
| | | | -20 | -3.13282 | -0.00369 | PASS | | |
| | | | -10 | -8.16822 | -0.00963 | PASS | | |
| | | | 0 | -16.92295 | -0.01995 | PASS | | |
| | | | 10 | -1.31607 | -0.00155 | PASS | | |
| | 3 | LCH | VN | 20 | 6.26564 | 0.00739 | PASS | |
| | | | | 30 | 0.00000 | 0.00000 | PASS | |
| | | | | 40 | 1.63078 | 0.00192 | PASS | |
| | | | | 50 | -8.13961 | -0.00960 | PASS | |
| | | | | -30 | -0.30041 | -0.00036 | PASS | |
| | | | | -20 | 9.31263 | 0.01128 | PASS | |
| | | | | -10 | 8.08239 | 0.00979 | PASS | |
| | 0 | -13.38959 | -0.01622 | PASS | | | | |
| | 10 | -10.44273 | -0.01265 | PASS | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|----------|------|
| | | | | | 20 | -5.50747 | -0.00667 | PASS | | |
| | | | | | 30 | 5.12123 | 0.00620 | PASS | | |
| | | | | | 40 | -14.86301 | -0.01800 | PASS | | |
| | | | | | 50 | 11.17229 | 0.01353 | PASS | | |
| | | | MCH | VN | -30 | -1.63078 | -0.00195 | PASS | | |
| | | | | | -20 | 1.50204 | 0.00180 | PASS | | |
| | | | | | -10 | -1.97411 | -0.00236 | PASS | | |
| | | | | | 0 | 0.67234 | 0.00080 | PASS | | |
| | | | | | 10 | -0.41485 | -0.00050 | PASS | | |
| | | | | | 20 | -2.31743 | -0.00277 | PASS | | |
| | | | | | 30 | -7.38144 | -0.00882 | PASS | | |
| | | | | | 40 | -0.74387 | -0.00089 | PASS | | |
| | | | | | 50 | 5.80788 | 0.00694 | PASS | | |
| | | | | | HCH | VN | -30 | -3.76225 | -0.00444 | PASS |
| | | | | | | | -20 | 4.70638 | 0.00555 | PASS |
| | | | | | | | -10 | -0.47207 | -0.00056 | PASS |
| | | | 0 | -3.83377 | | | -0.00452 | PASS | | |
| | | | 10 | 6.45161 | | | 0.00761 | PASS | | |
| | | | 20 | 5.86510 | | | 0.00692 | PASS | | |
| | | | 30 | 0.80109 | | | 0.00095 | PASS | | |
| | | | 40 | -5.24998 | | | -0.00619 | PASS | | |
| | | | 5 | LCH | VN | -30 | -3.43323 | -0.00415 | PASS | |
| | | | | | | -20 | -2.16007 | -0.00261 | PASS | |
| | | | | | | -10 | 1.37329 | 0.00166 | PASS | |
| | | | | | | 0 | 2.51770 | 0.00305 | PASS | |
| | | | | | | 10 | 1.63078 | 0.00197 | PASS | |
| | | | | | | 20 | 0.60081 | 0.00073 | PASS | |
| | | | | | | 30 | 2.20299 | 0.00267 | PASS | |
| | | | | | | 40 | 4.97818 | 0.00602 | PASS | |
| | | | | MCH | VN | 50 | 2.53200 | 0.00306 | PASS | |
| | | | | | | -30 | -7.36713 | -0.00881 | PASS | |
| | | | | | | -20 | 6.58035 | 0.00787 | PASS | |
| | | | | | | -10 | 3.91960 | 0.00469 | PASS | |
| | | | | | | 0 | -3.87669 | -0.00463 | PASS | |
| | | | | | | 10 | -14.64844 | -0.01751 | PASS | |
| | | | | | | 20 | -12.48837 | -0.01493 | PASS | |
| | | | | | | 30 | -10.91480 | -0.01305 | PASS | |
| | | | 40 | 7.99656 | 0.00956 | PASS | | | | |



| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict | | |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|----------|----------|------|
| | | | HCH | VN | 50 | -10.85758 | -0.01298 | PASS | | |
| | | | | | -30 | 1.80244 | 0.00213 | PASS | | |
| | | | | | -20 | 0.98705 | 0.00117 | PASS | | |
| | | | | | -10 | 0.34332 | 0.00041 | PASS | | |
| | | | | | 0 | 3.57628 | 0.00422 | PASS | | |
| | | | | | 10 | 2.53200 | 0.00299 | PASS | | |
| | | | | | 20 | 0.35763 | 0.00042 | PASS | | |
| | | | | | 30 | 1.23024 | 0.00145 | PASS | | |
| | | | | | 40 | -5.73635 | -0.00678 | PASS | | |
| | | | | | 50 | 0.04292 | 0.00005 | PASS | | |
| | | | LCH | VN | | | -30 | -0.31471 | -0.00038 | PASS |
| | | | | | | | -20 | 0.11444 | 0.00014 | PASS |
| | | | | | | | -10 | 0.92983 | 0.00112 | PASS |
| | | | | | | | 0 | 2.03133 | 0.00245 | PASS |
| | | | | | | | 10 | -1.97411 | -0.00238 | PASS |
| | | | | | | | 20 | 0.30041 | 0.00036 | PASS |
| | | | | | | | 30 | 0.24319 | 0.00029 | PASS |
| | | | | | | | 40 | -1.60217 | -0.00193 | PASS |
| | | | | | | | 50 | 2.18868 | 0.00264 | PASS |
| | | | | | | | | MCH | VN | |
| | | -20 | 0.51498 | 0.00062 | PASS | | | | | |
| | | -10 | 0.57220 | 0.00068 | PASS | | | | | |
| | | 0 | 0.52929 | 0.00063 | PASS | | | | | |
| | | 10 | 0.45776 | 0.00055 | PASS | | | | | |
| | | 20 | -3.08990 | -0.00369 | PASS | | | | | |
| | | 30 | -0.18597 | -0.00022 | PASS | | | | | |
| | | 40 | -0.64373 | -0.00077 | PASS | | | | | |
| | | 50 | -0.01431 | -0.00002 | PASS | | | | | |
| | | | HCH | VN | | | | | | |
| | | | | | | | -20 | -2.66075 | -0.00315 | PASS |
| | | | | | | | -10 | -3.00407 | -0.00356 | PASS |
| | | | | | | | 0 | 1.80244 | 0.00214 | PASS |
| | | | | | | | 10 | -1.08719 | -0.00129 | PASS |
| | | | | | | | 20 | -4.37737 | -0.00519 | PASS |
| | | | | | | | 30 | -1.70231 | -0.00202 | PASS |
| | | | | | | | 40 | -1.50204 | -0.00178 | PASS |
| | | | LCH | VN | | | 50 | -2.44618 | -0.00290 | PASS |
| | | | | | | | -30 | -0.24319 | -0.00029 | PASS |
| | | | | 15 | LCH | VN | -30 | -0.24319 | -0.00029 | PASS |
| | | | | | | | -20 | -2.91824 | -0.00351 | PASS |

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|-----------|------------------|-----------------------|---------|
| | | | | | -10 | -0.30041 | -0.00036 | PASS |
| | | | | | 0 | -0.34332 | -0.00041 | PASS |
| | | | | | 10 | -0.91553 | -0.00110 | PASS |
| | | | | | 20 | -2.84672 | -0.00342 | PASS |
| | | | | | 30 | -3.19004 | -0.00384 | PASS |
| | | | | | 40 | -0.47207 | -0.00057 | PASS |
| | | | | | 50 | -0.07153 | -0.00009 | PASS |
| | | | MCH | VN | -30 | 0.98705 | 0.00118 | PASS |
| | | | | | -20 | 0.01431 | 0.01431 | PASS |
| | | | | | -10 | 0.22888 | 0.00027 | PASS |
| | | | | | 0 | -0.15736 | -0.00019 | PASS |
| | | | | | 10 | 0.67234 | 0.00080 | PASS |
| | | | | | 20 | 1.94550 | 0.00233 | PASS |
| | | | | | 30 | 0.34332 | 0.00041 | PASS |
| | | | HCH | VN | -30 | -0.60081 | -0.00071 | PASS |
| | | | | | -20 | 2.30312 | 0.00274 | PASS |
| | | | | | -10 | -2.51770 | -0.00299 | PASS |
| | | | | | 0 | -1.45912 | -0.00173 | PASS |
| | | | | | 10 | -2.08855 | -0.00248 | PASS |
| | | | | | 20 | 0.04292 | 0.00005 | PASS |
| | | | | | 30 | -3.10421 | -0.00369 | PASS |
| | | | 40 | -1.55926 | -0.00185 | PASS | | |
| | | | 50 | -2.54631 | -0.00303 | PASS | | |

END