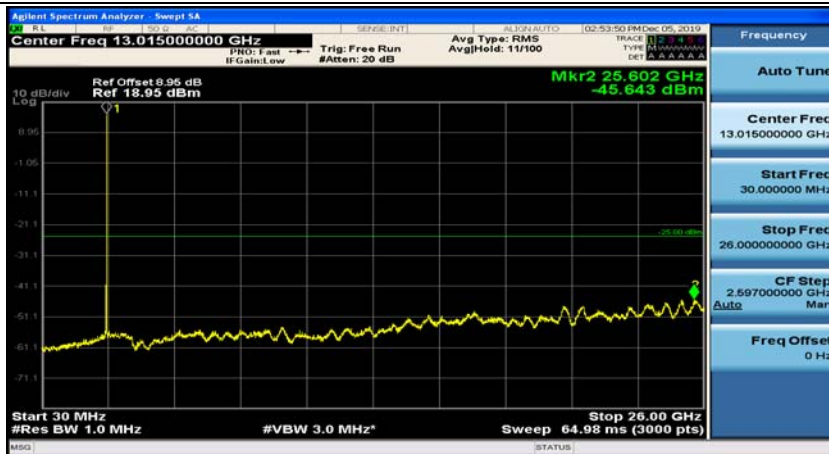
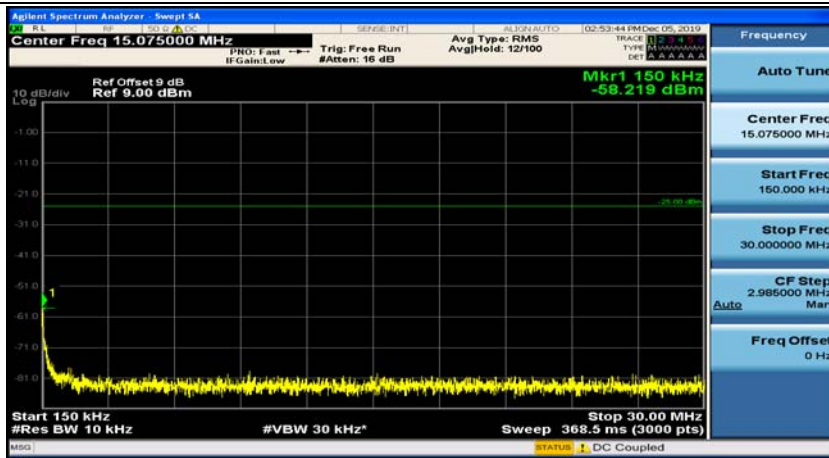
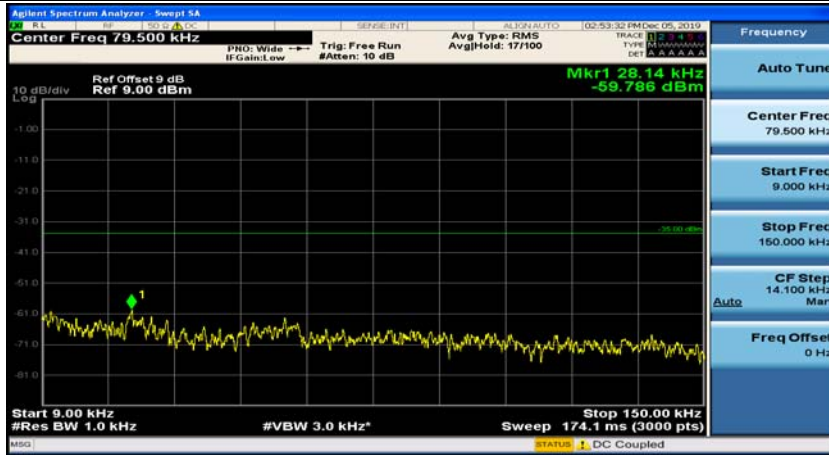
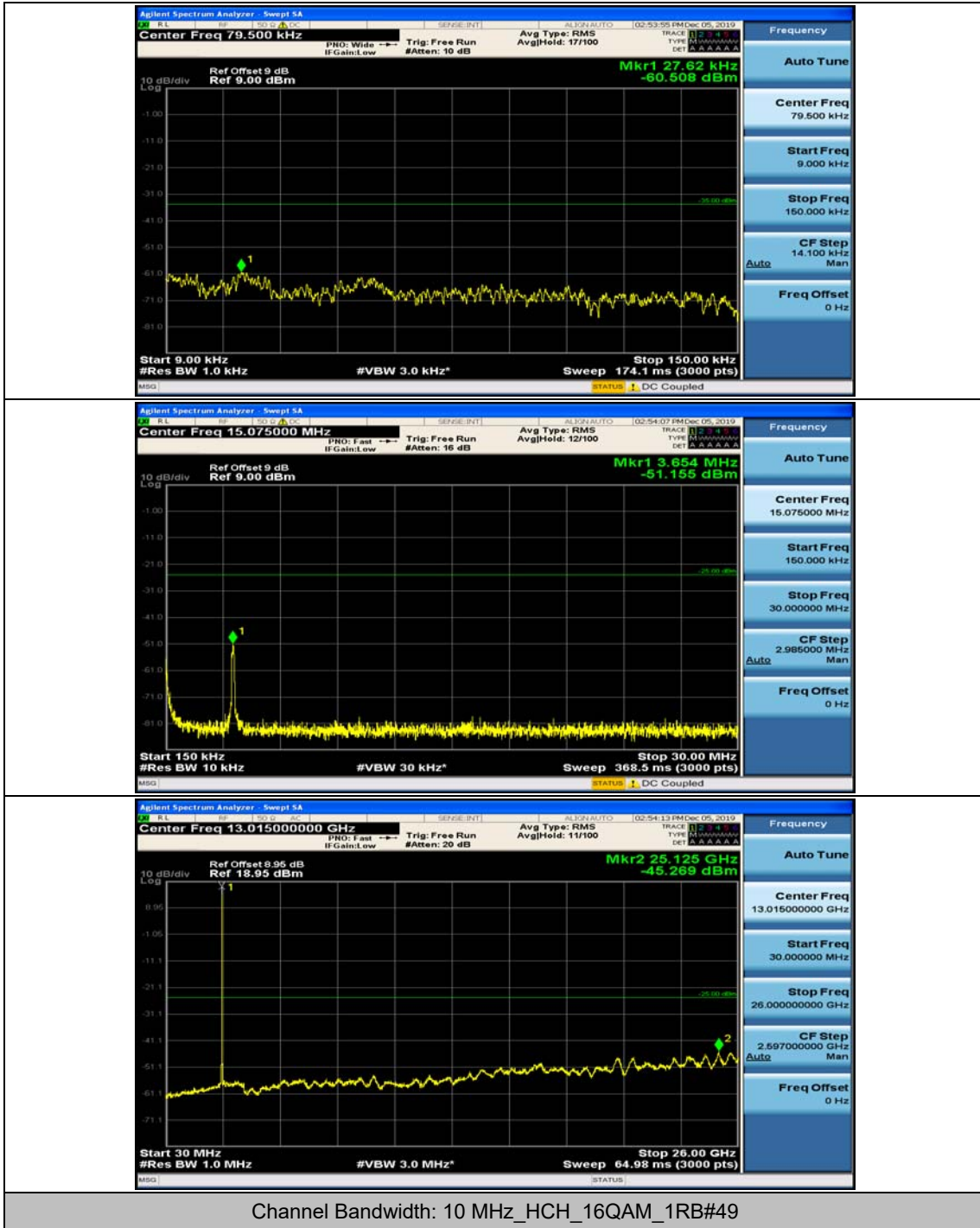
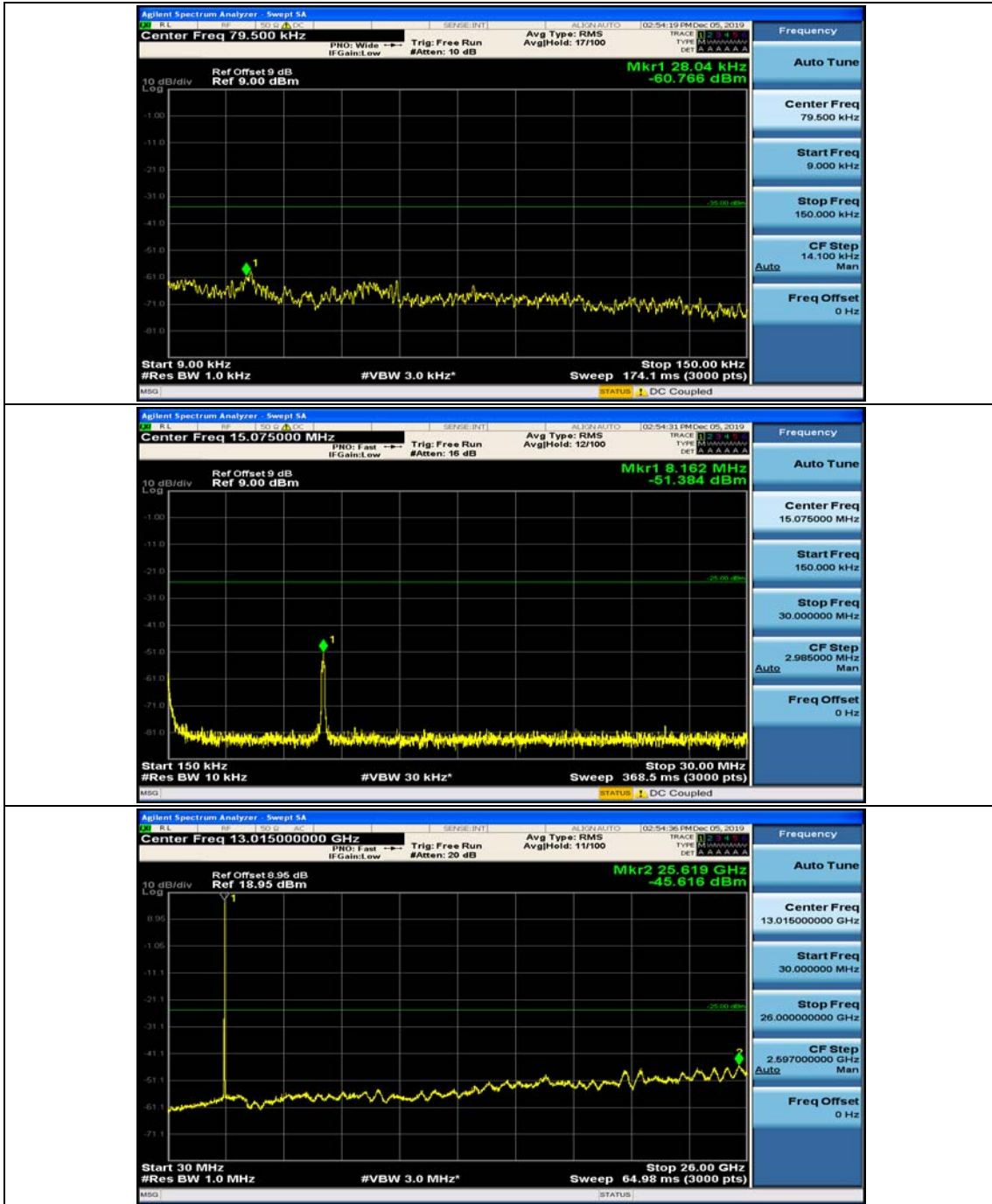


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

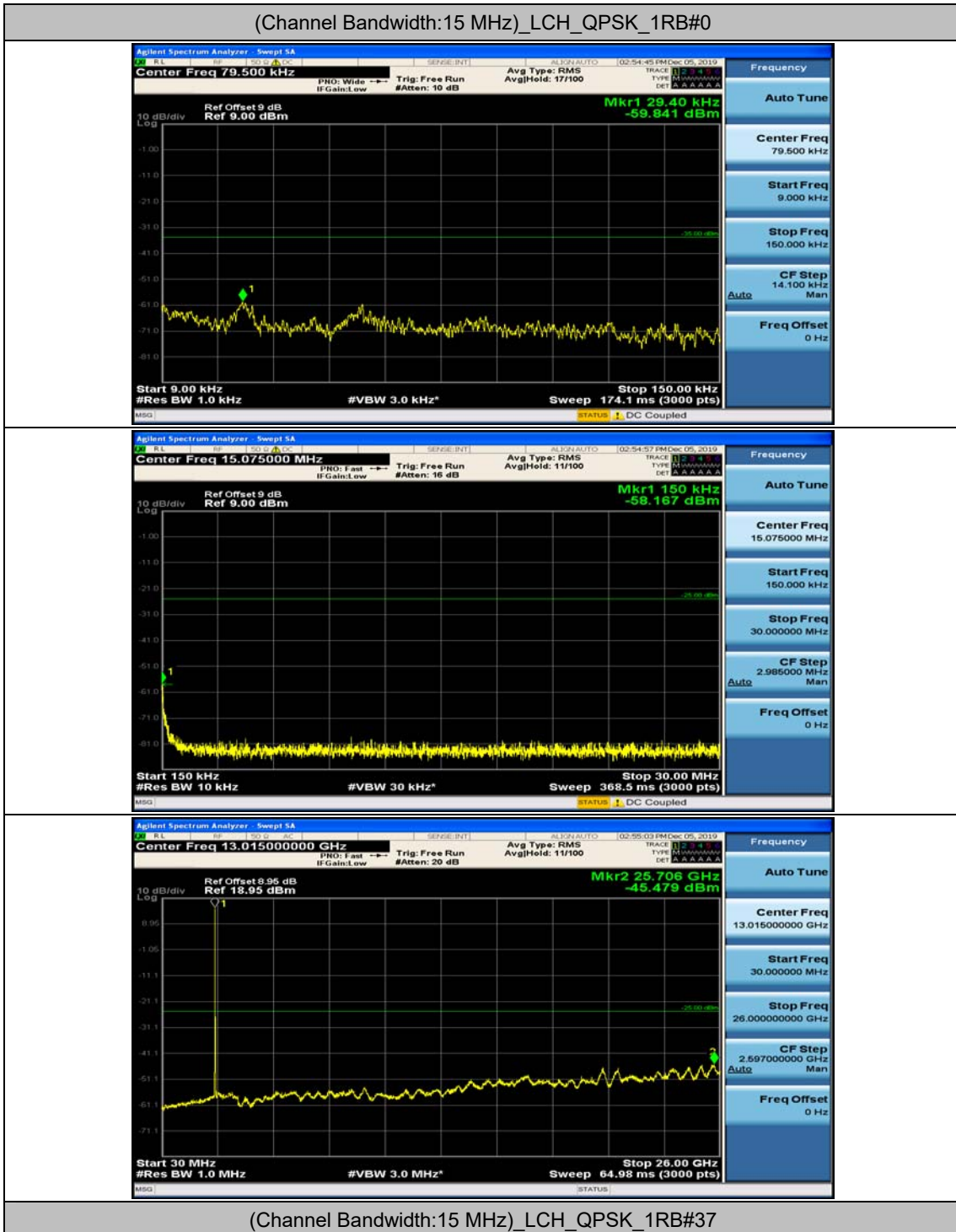


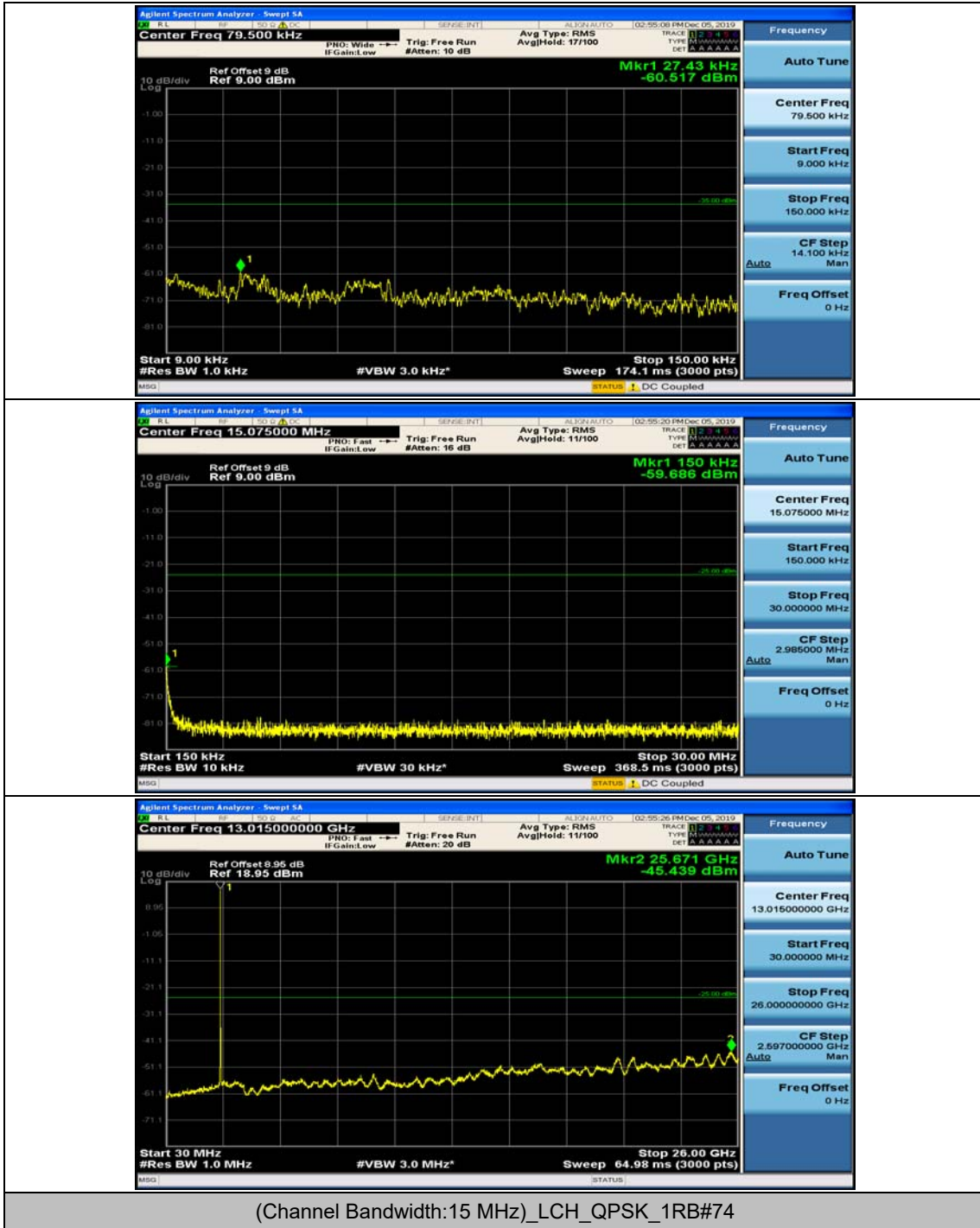
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

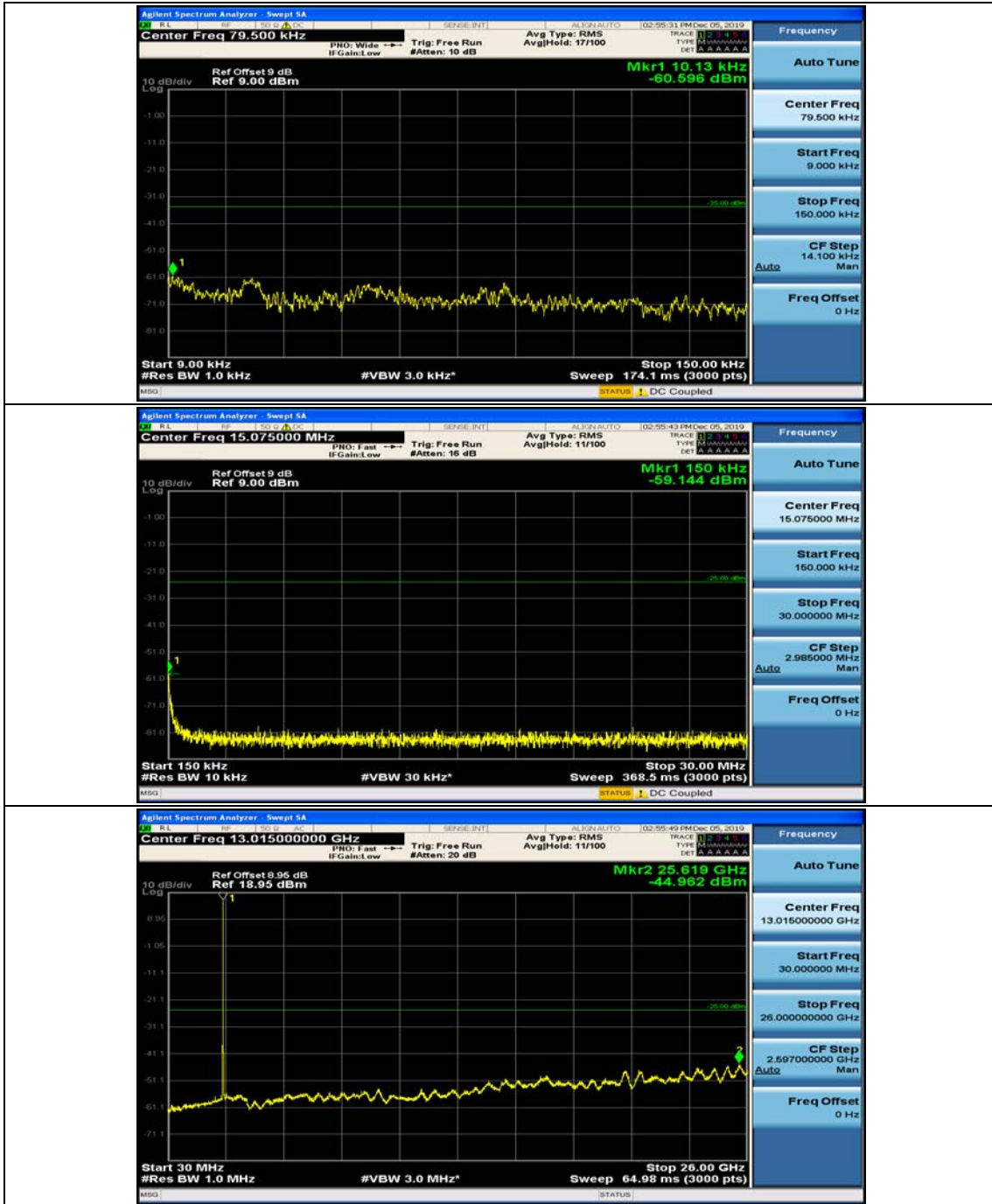




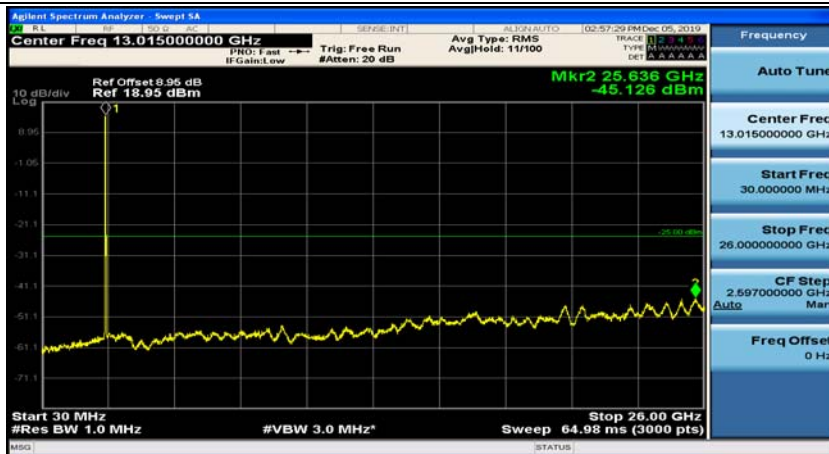
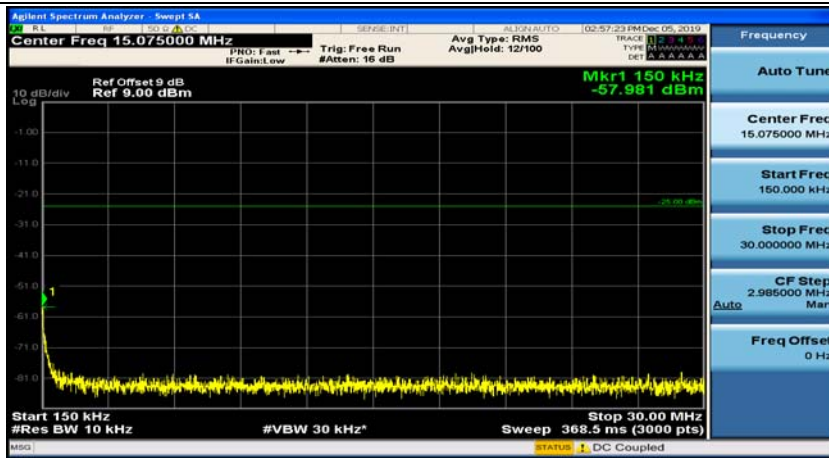
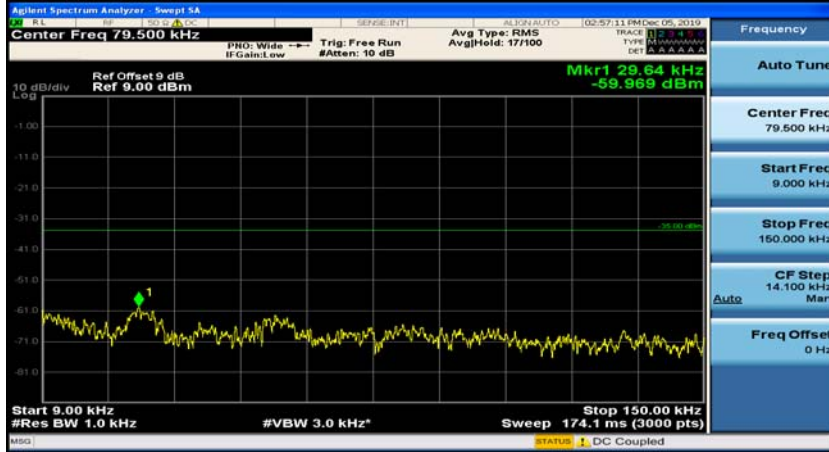
Channel Bandwidth: 15 MHz



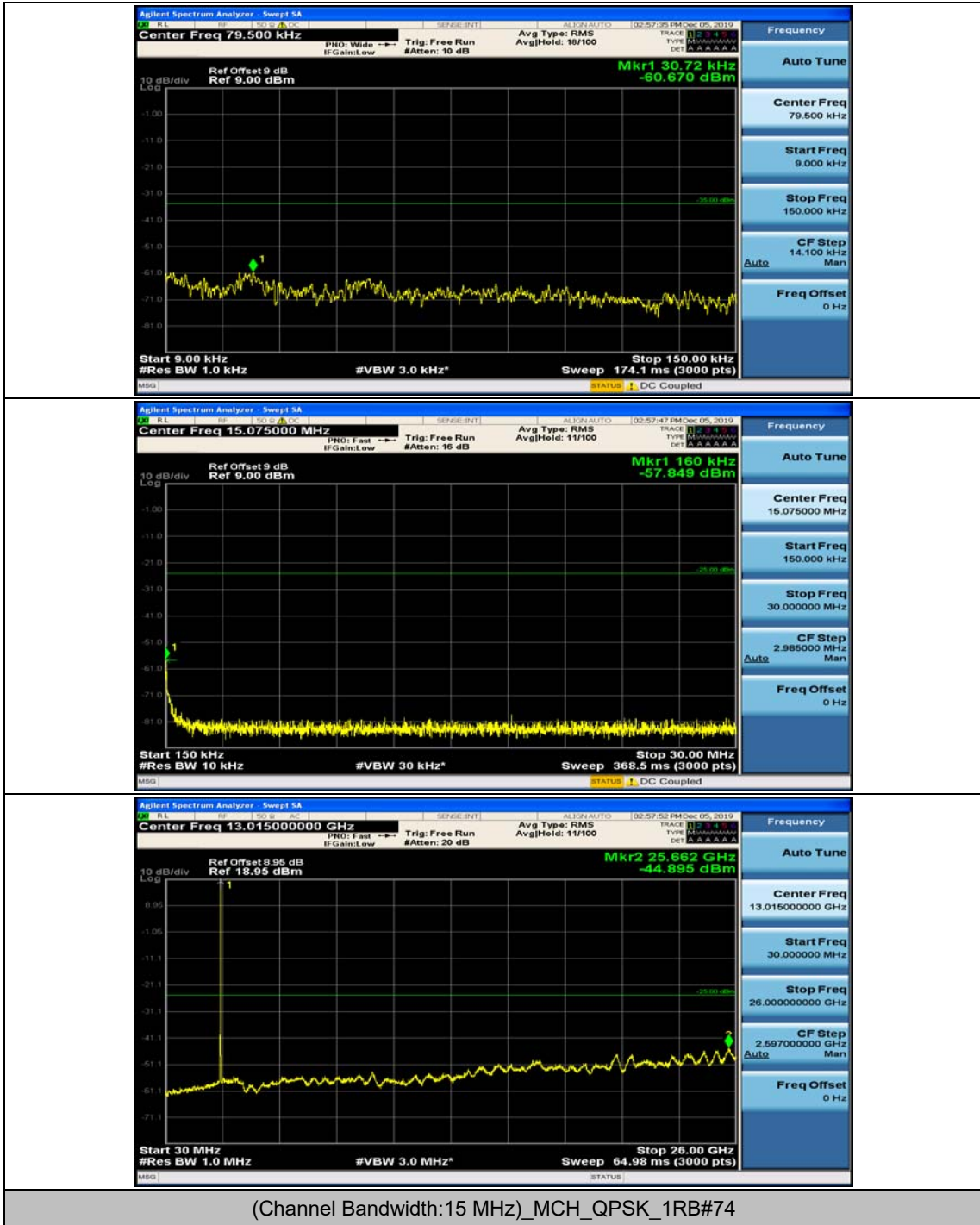


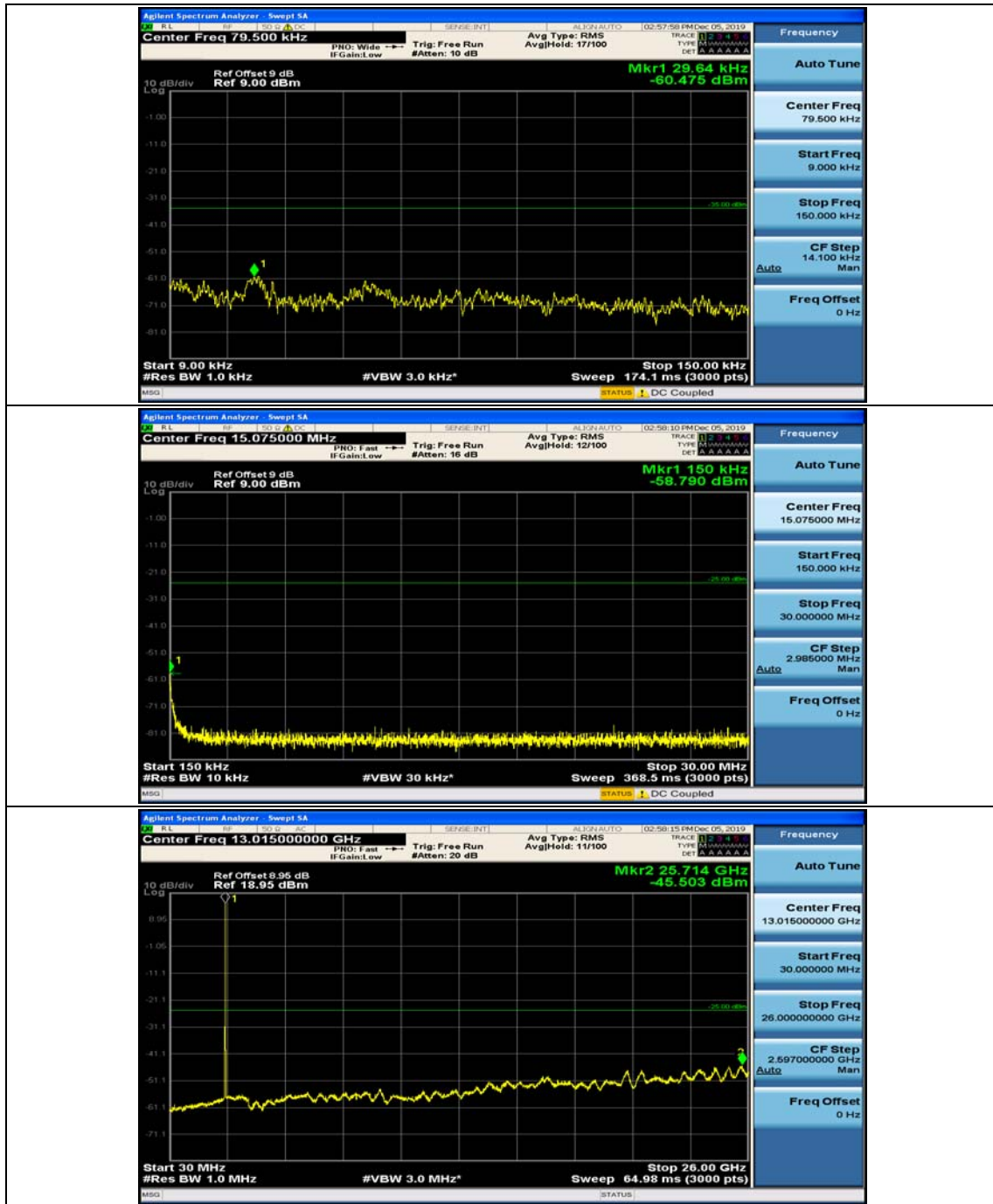


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

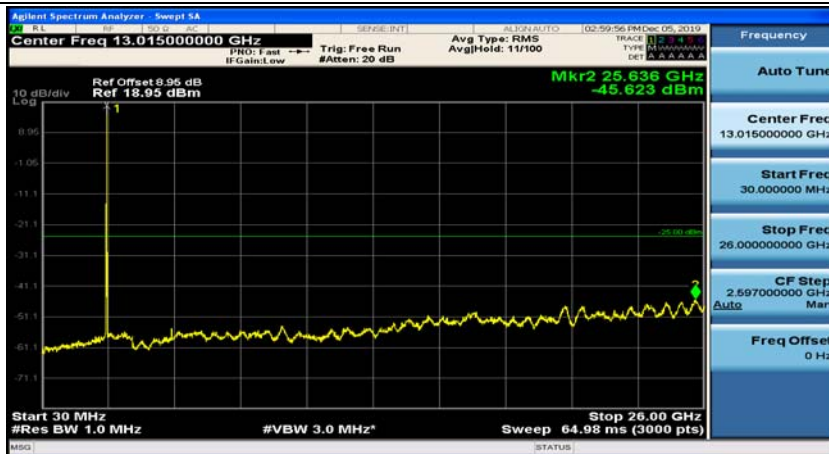
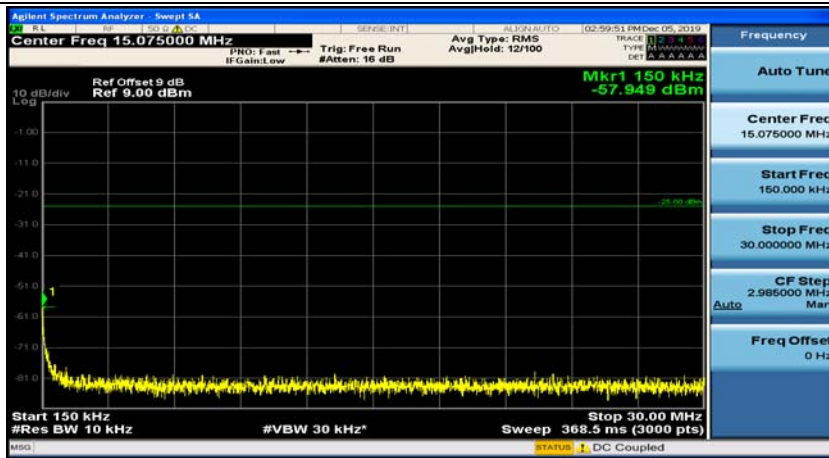


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

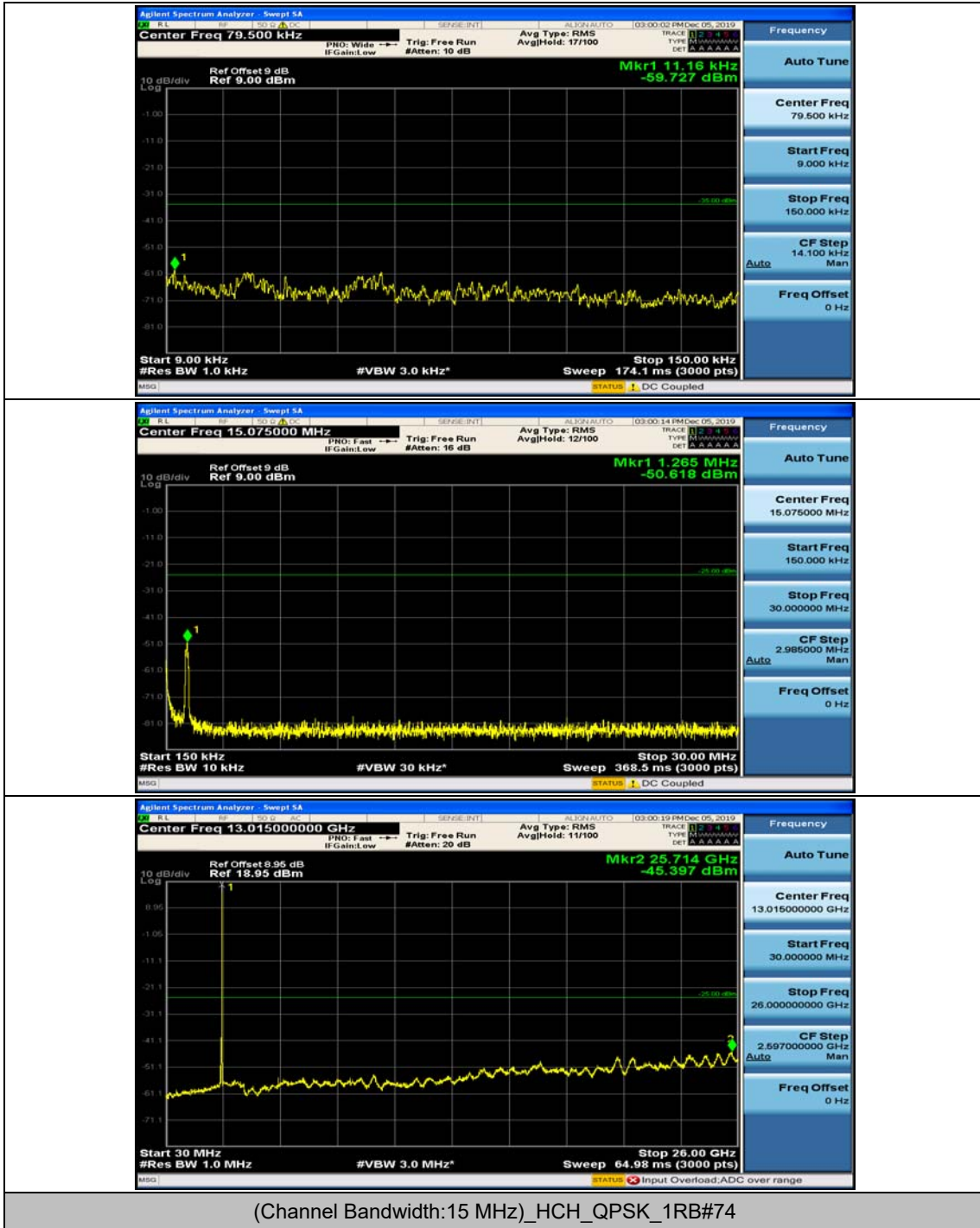


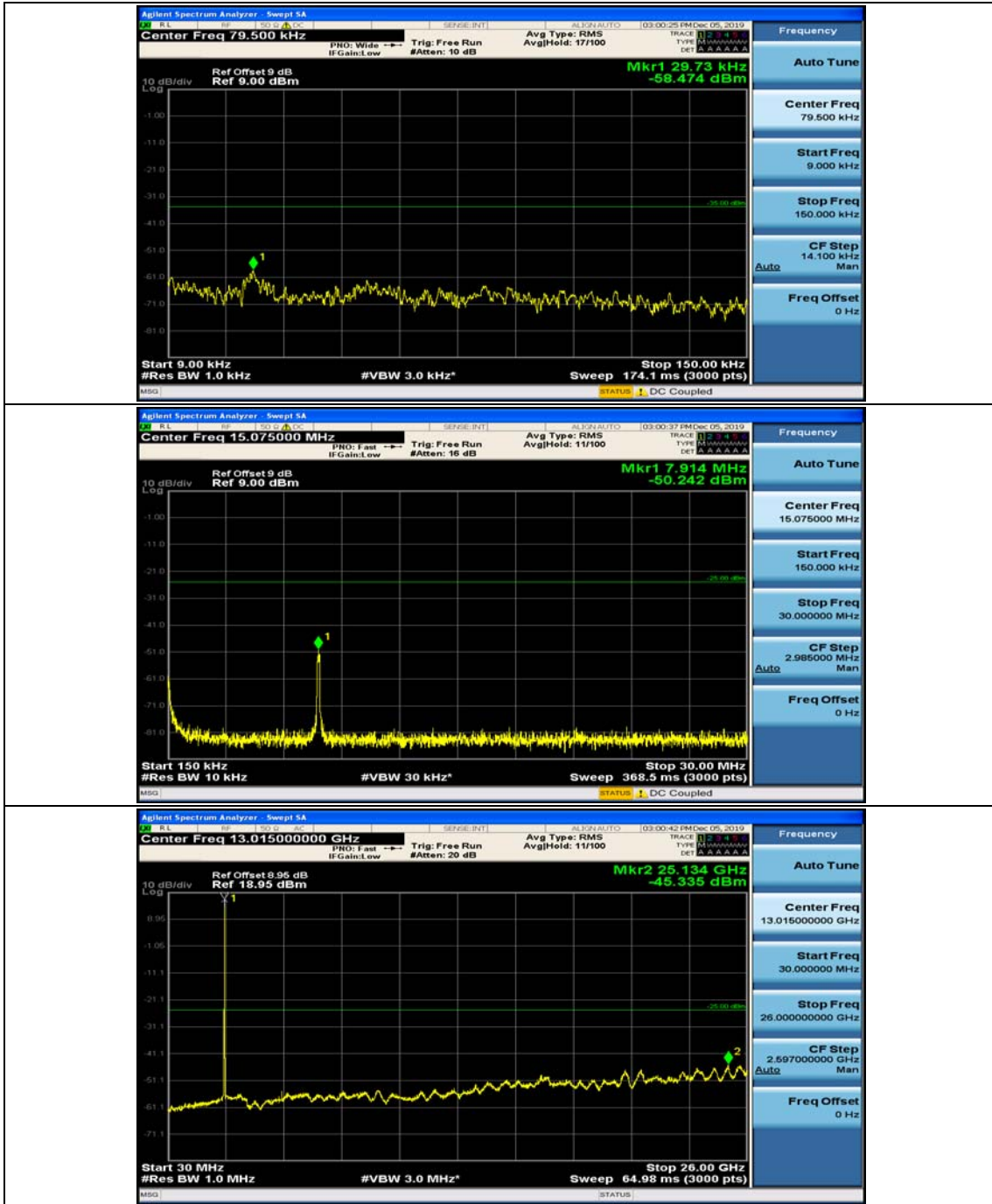


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

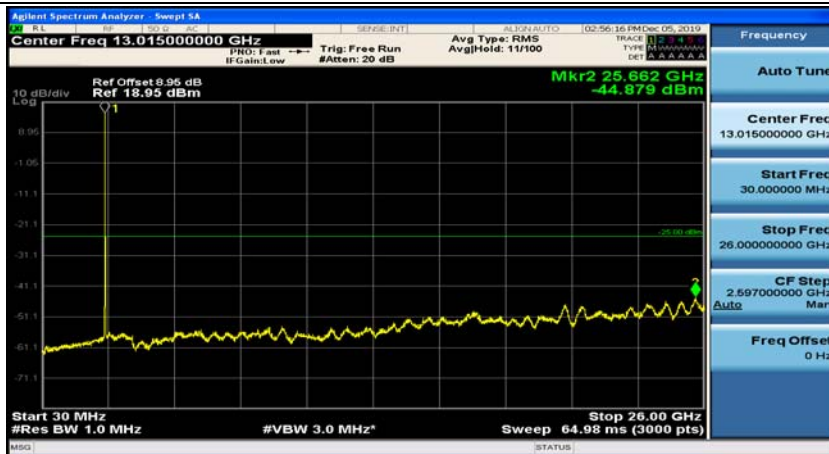
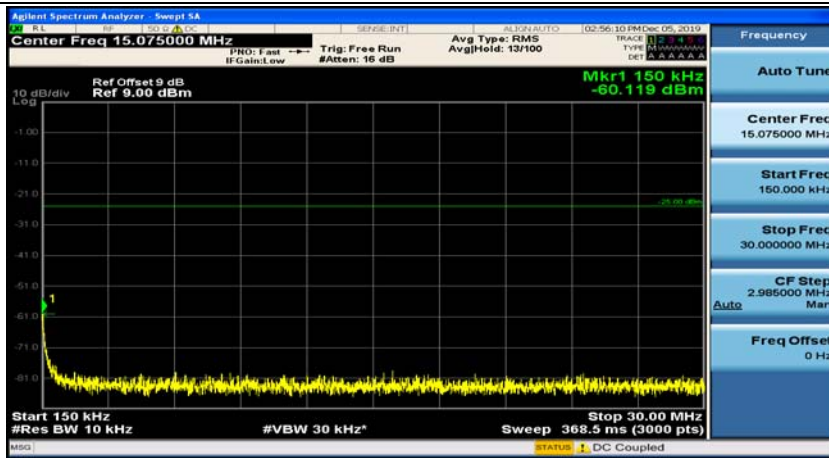


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

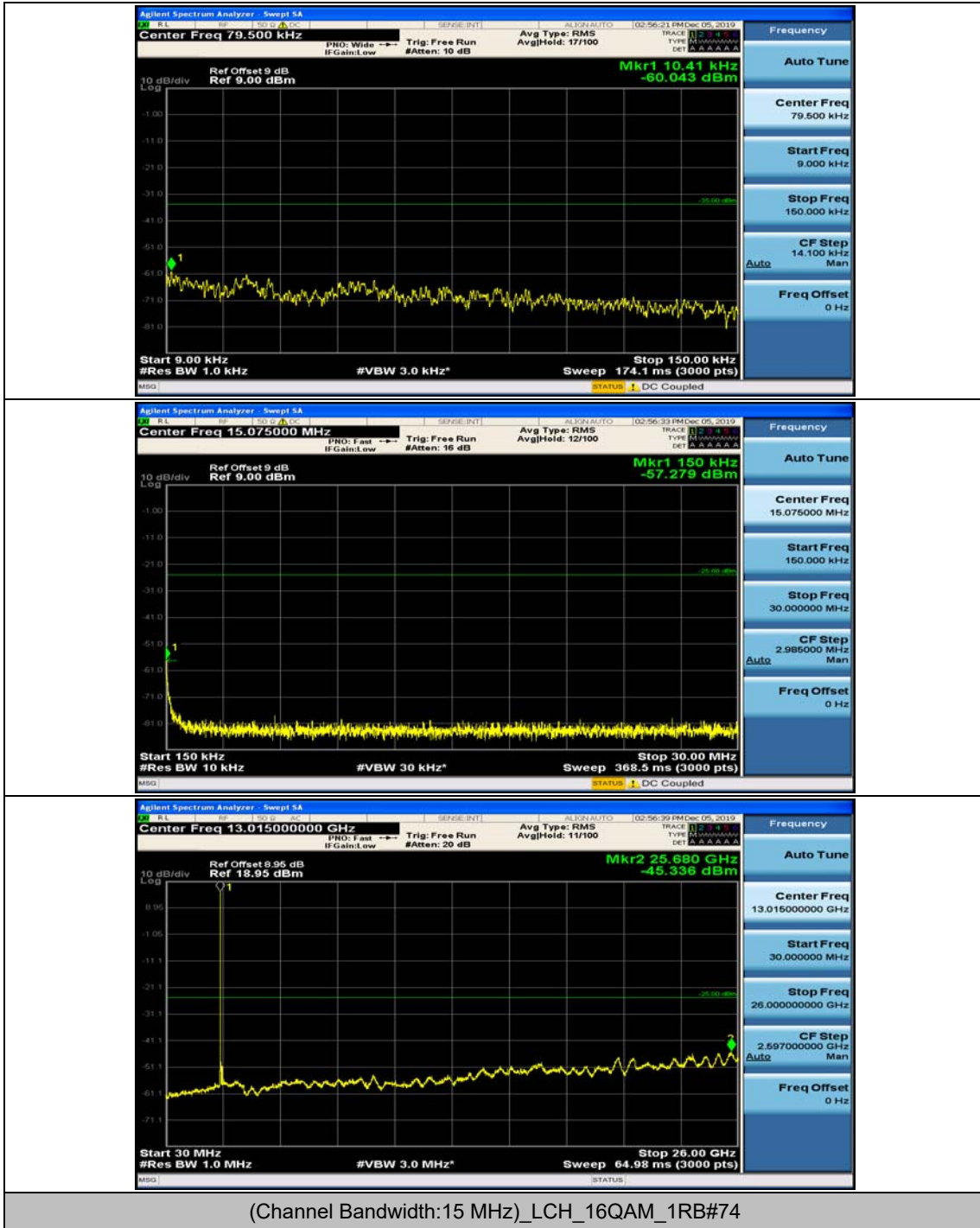


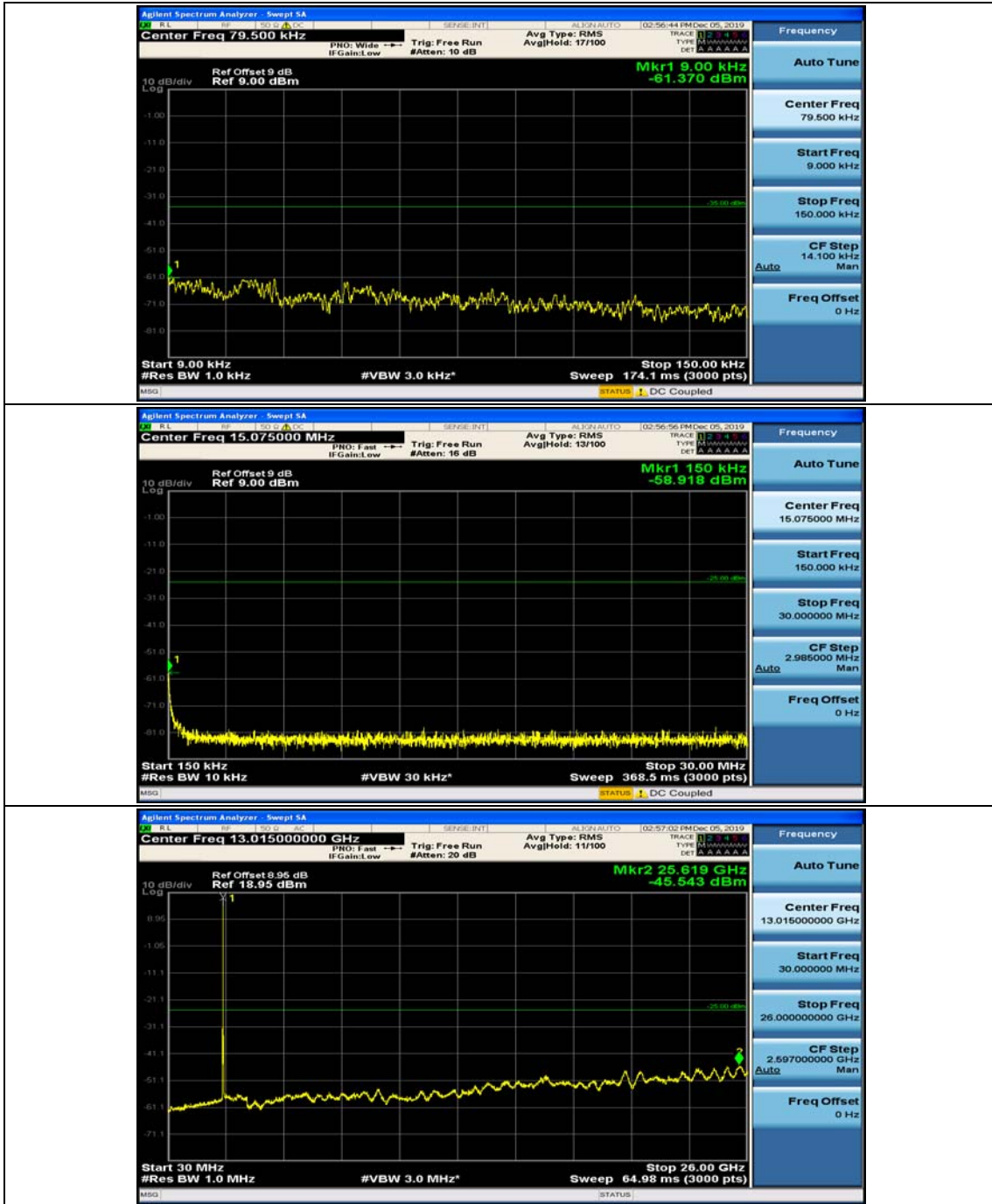


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

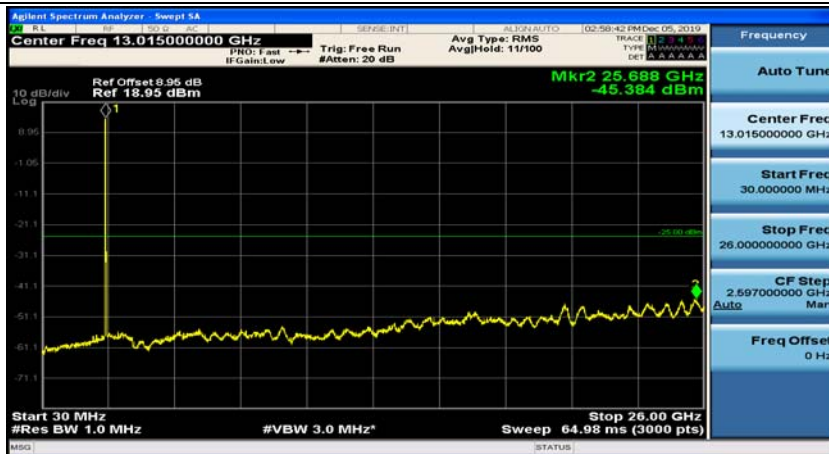
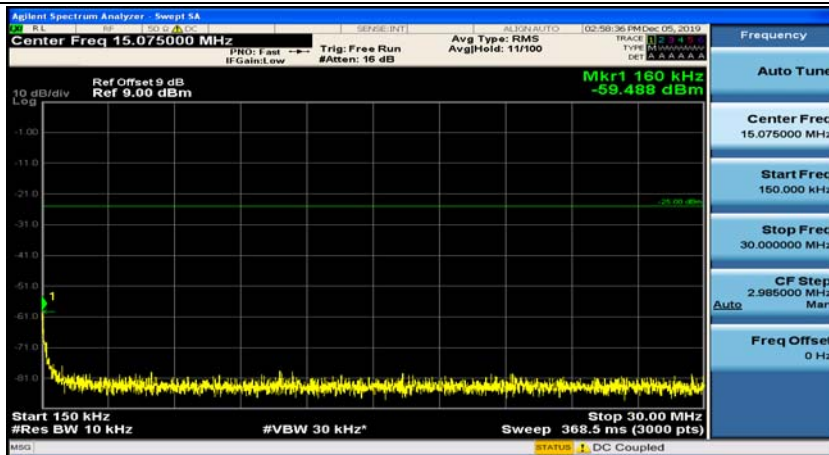
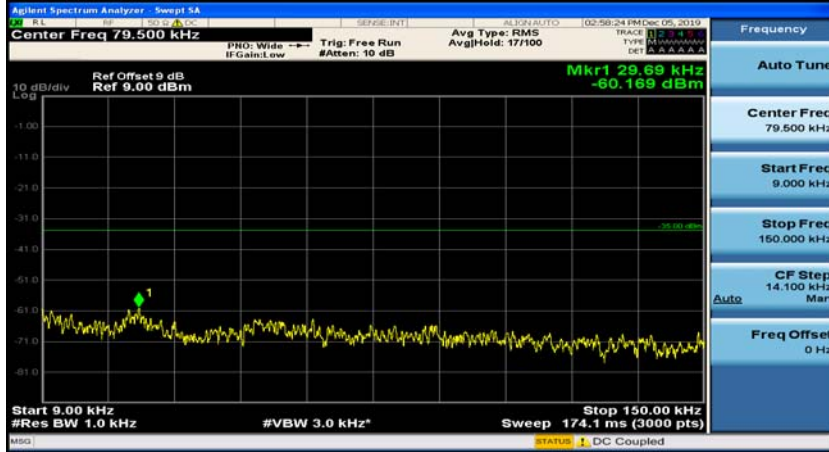


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

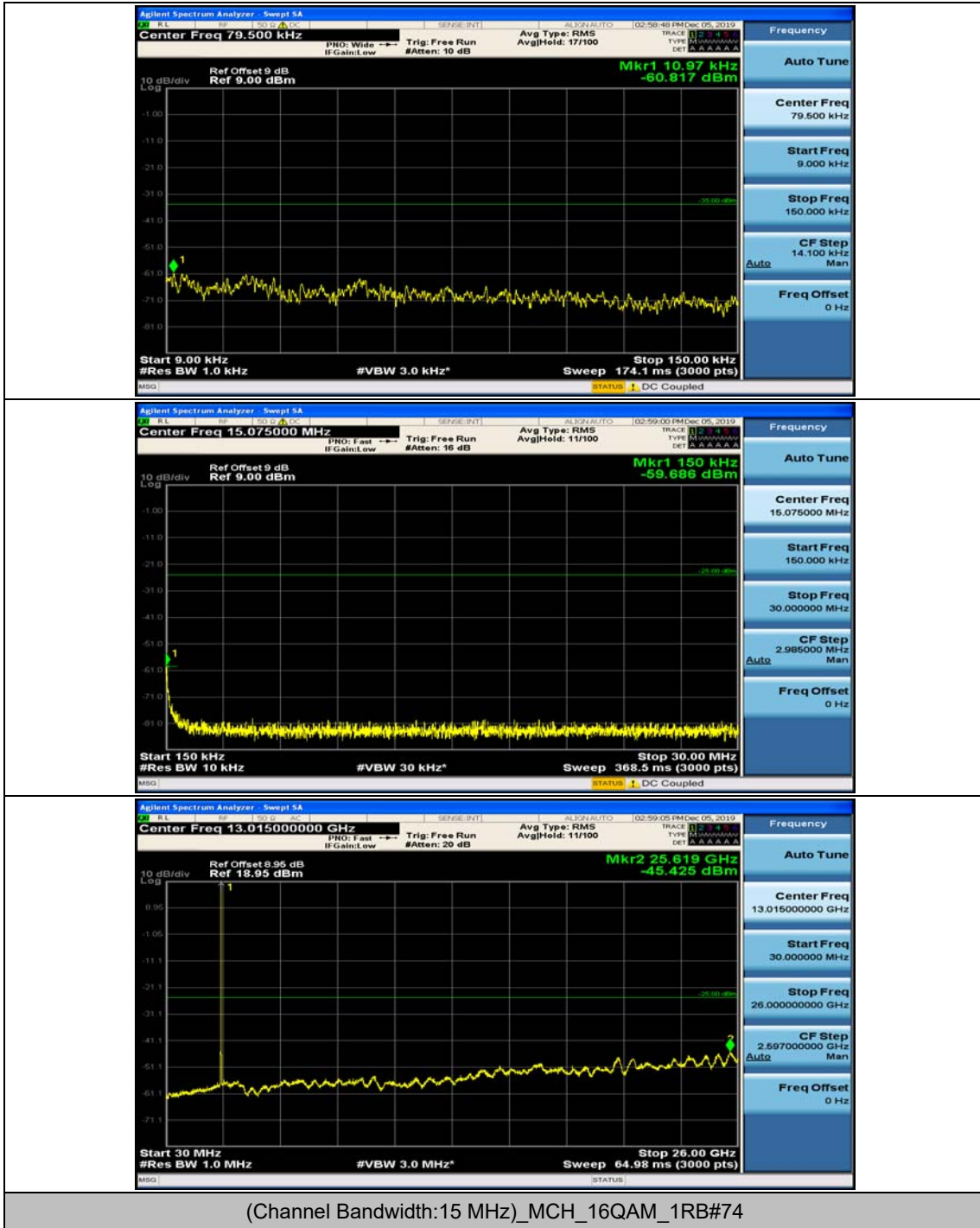


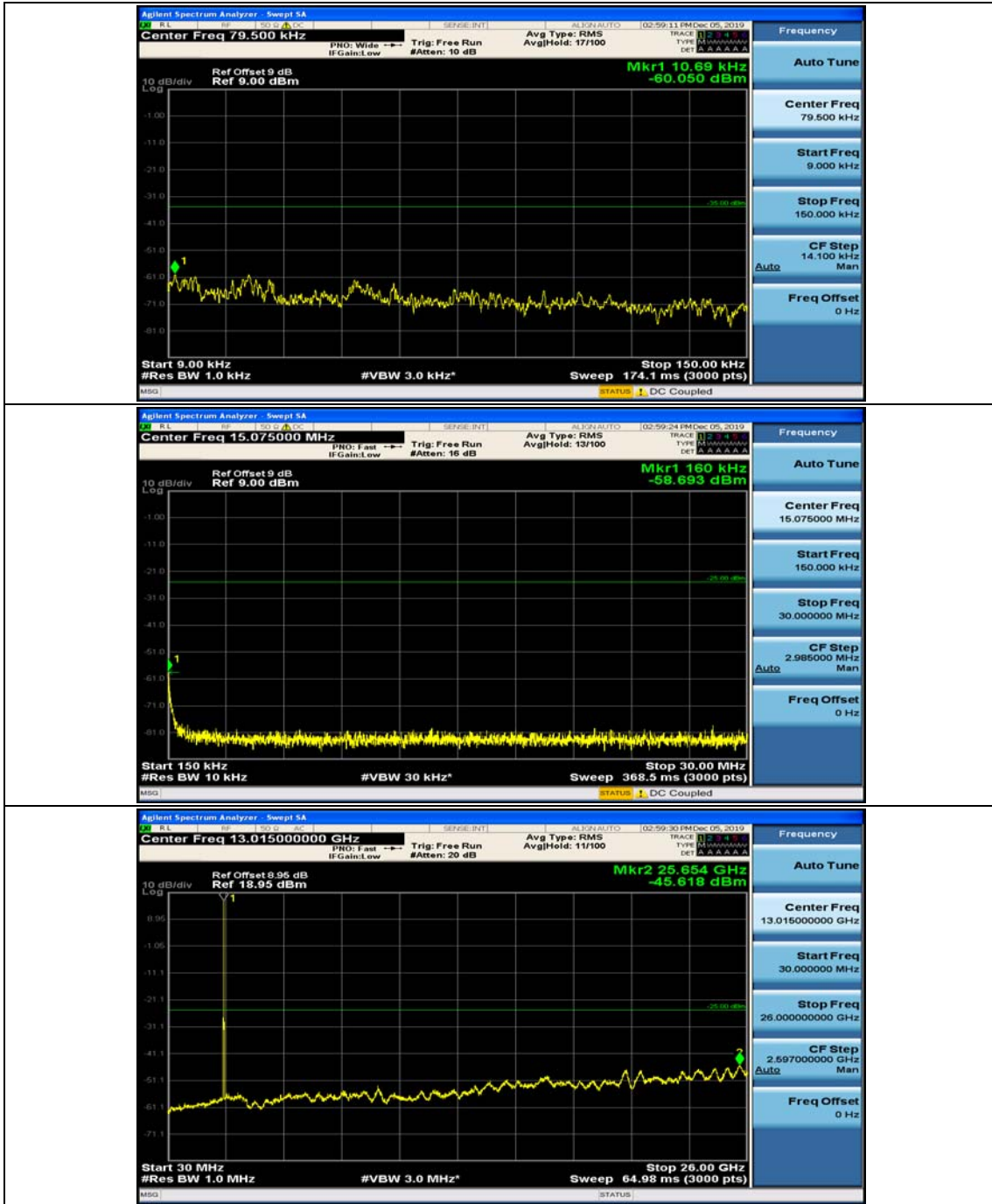


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

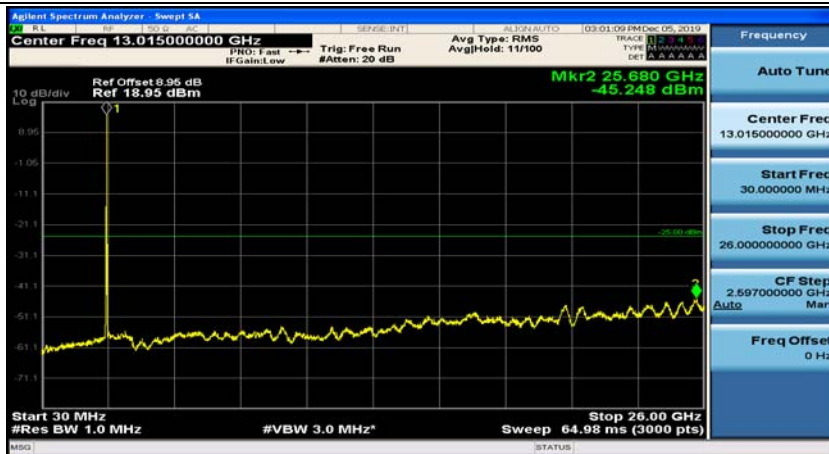
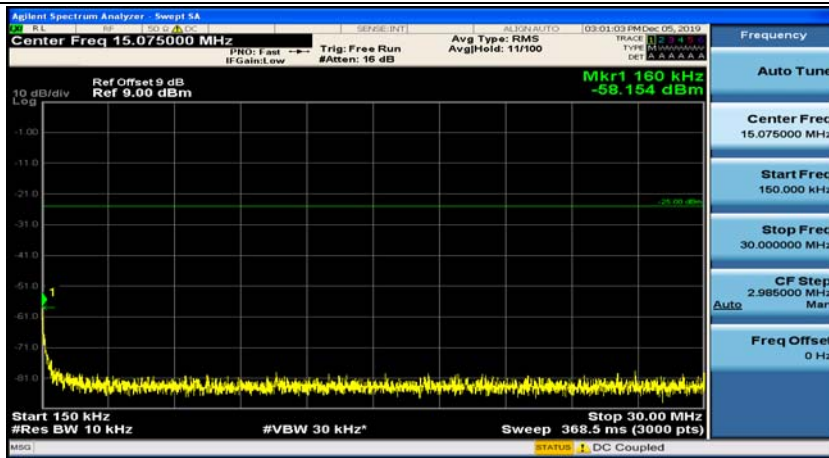
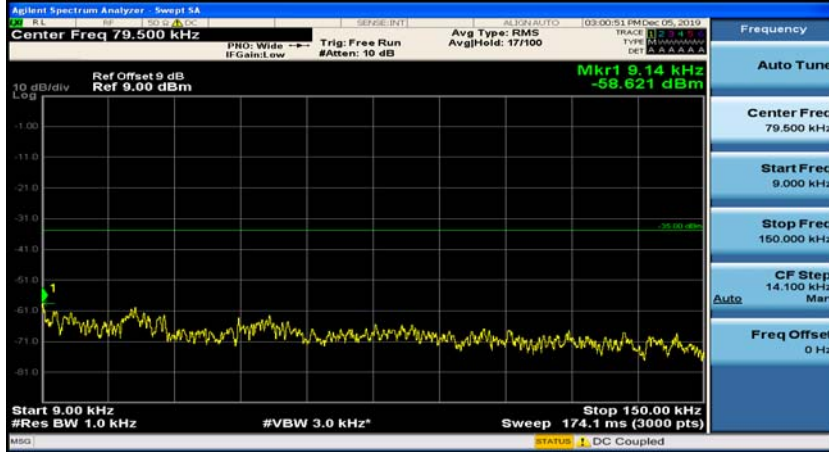


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

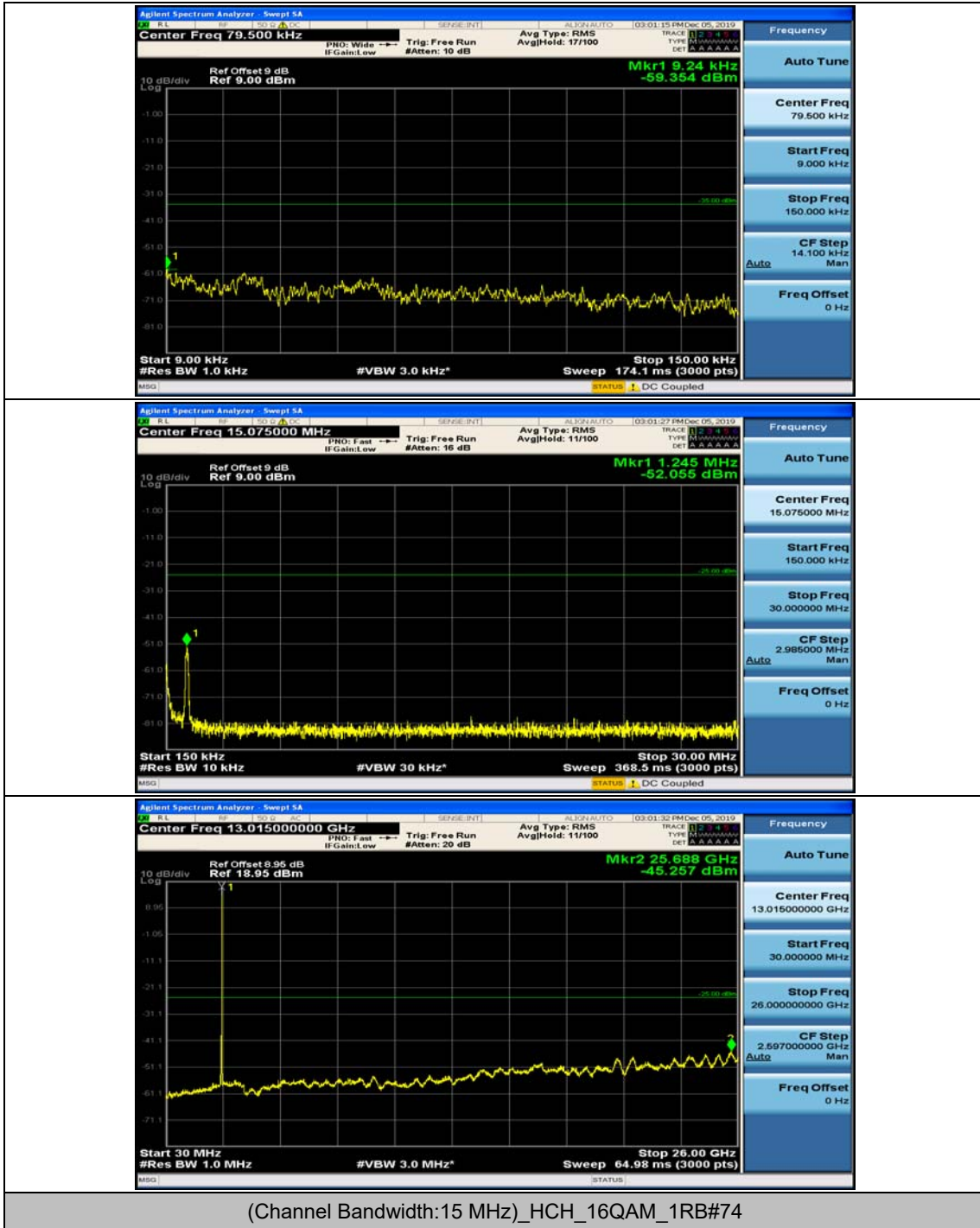


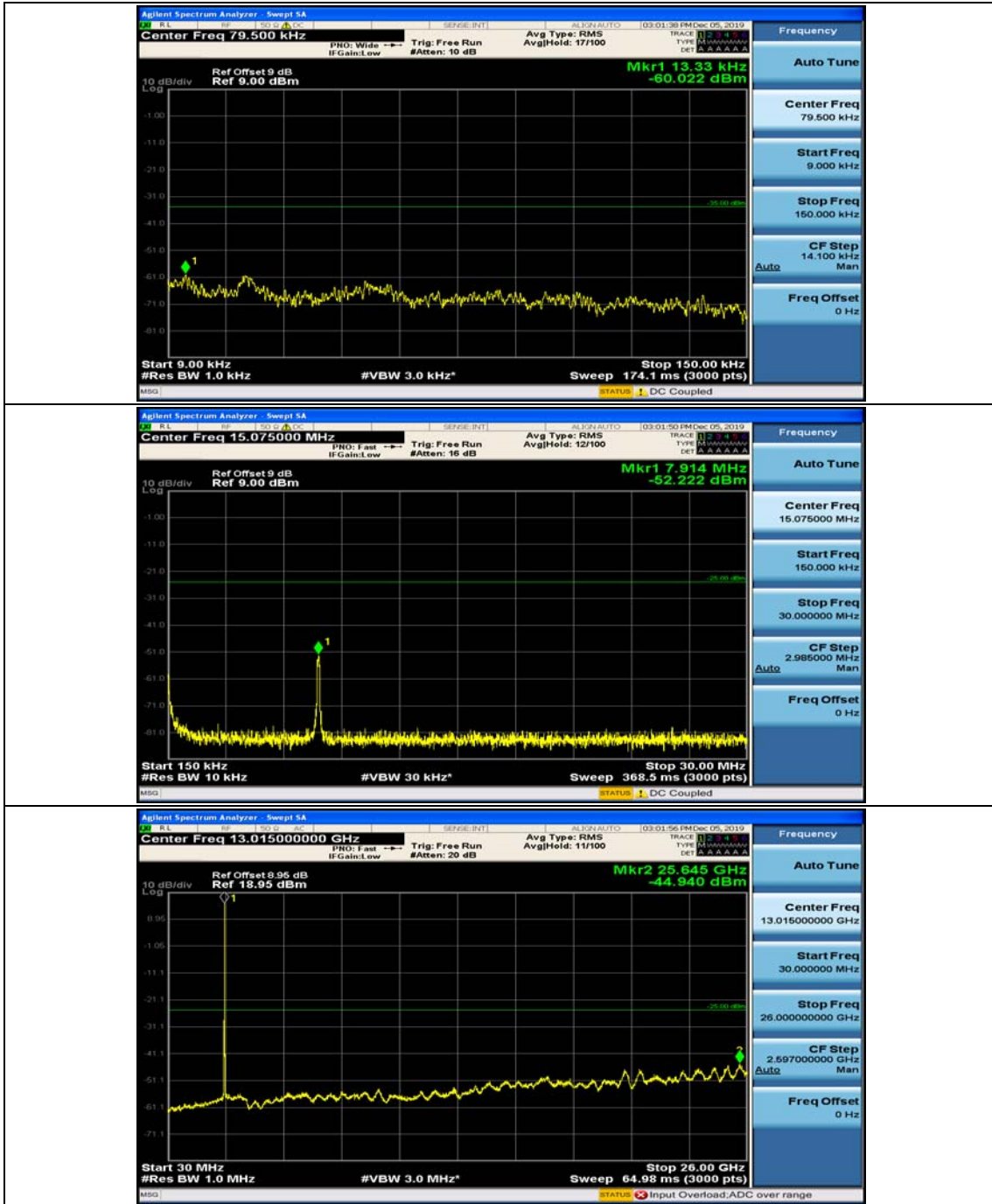


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

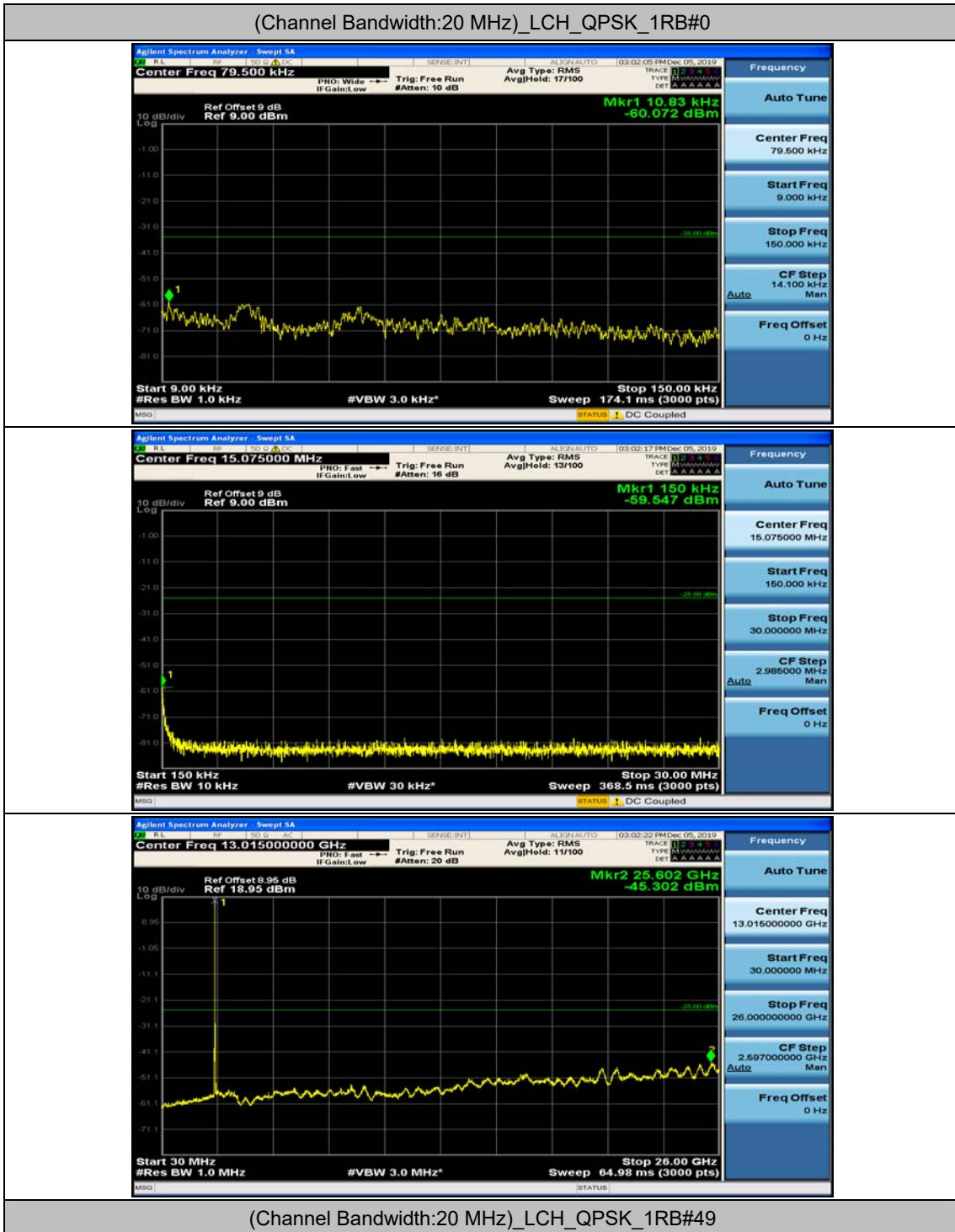


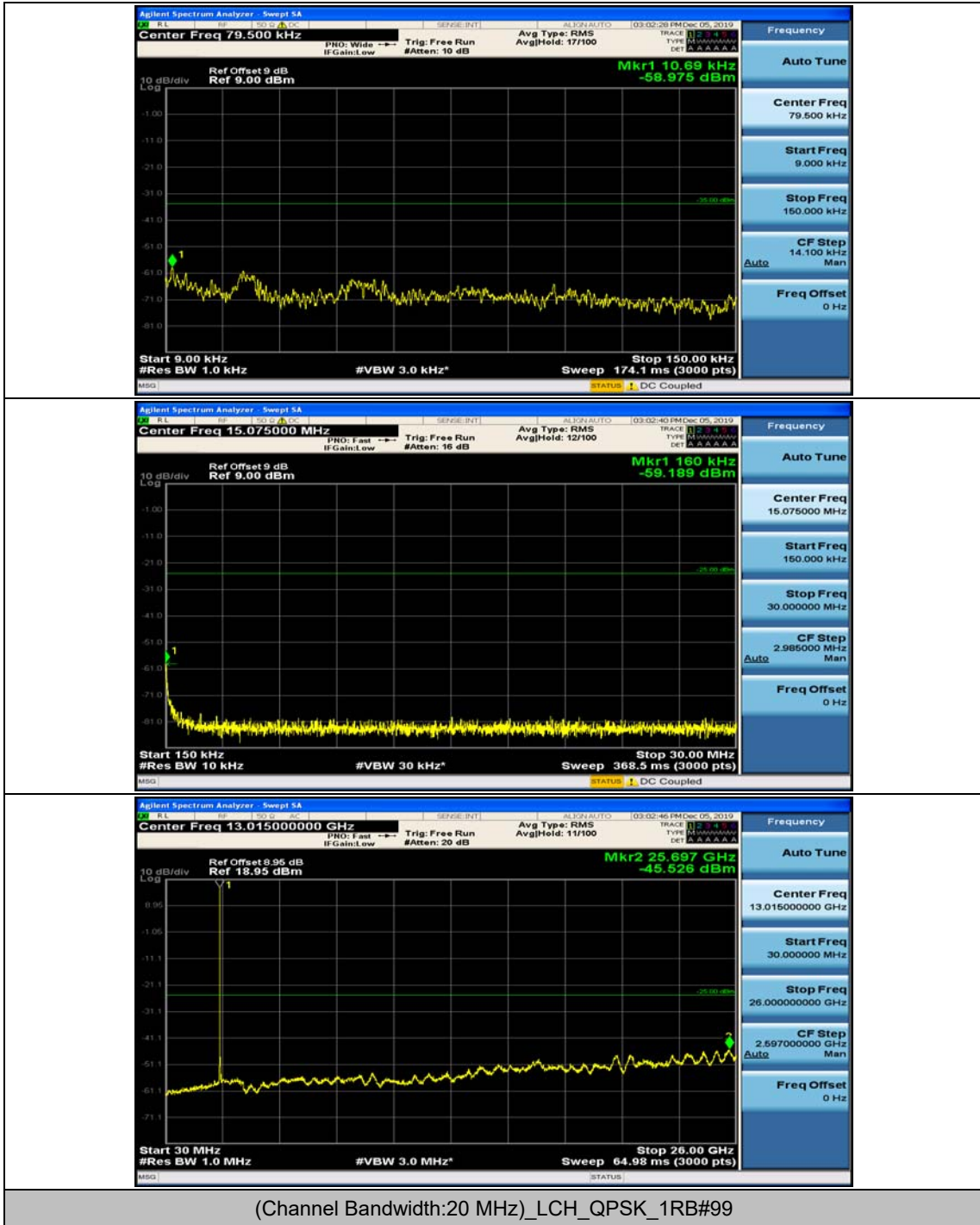
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

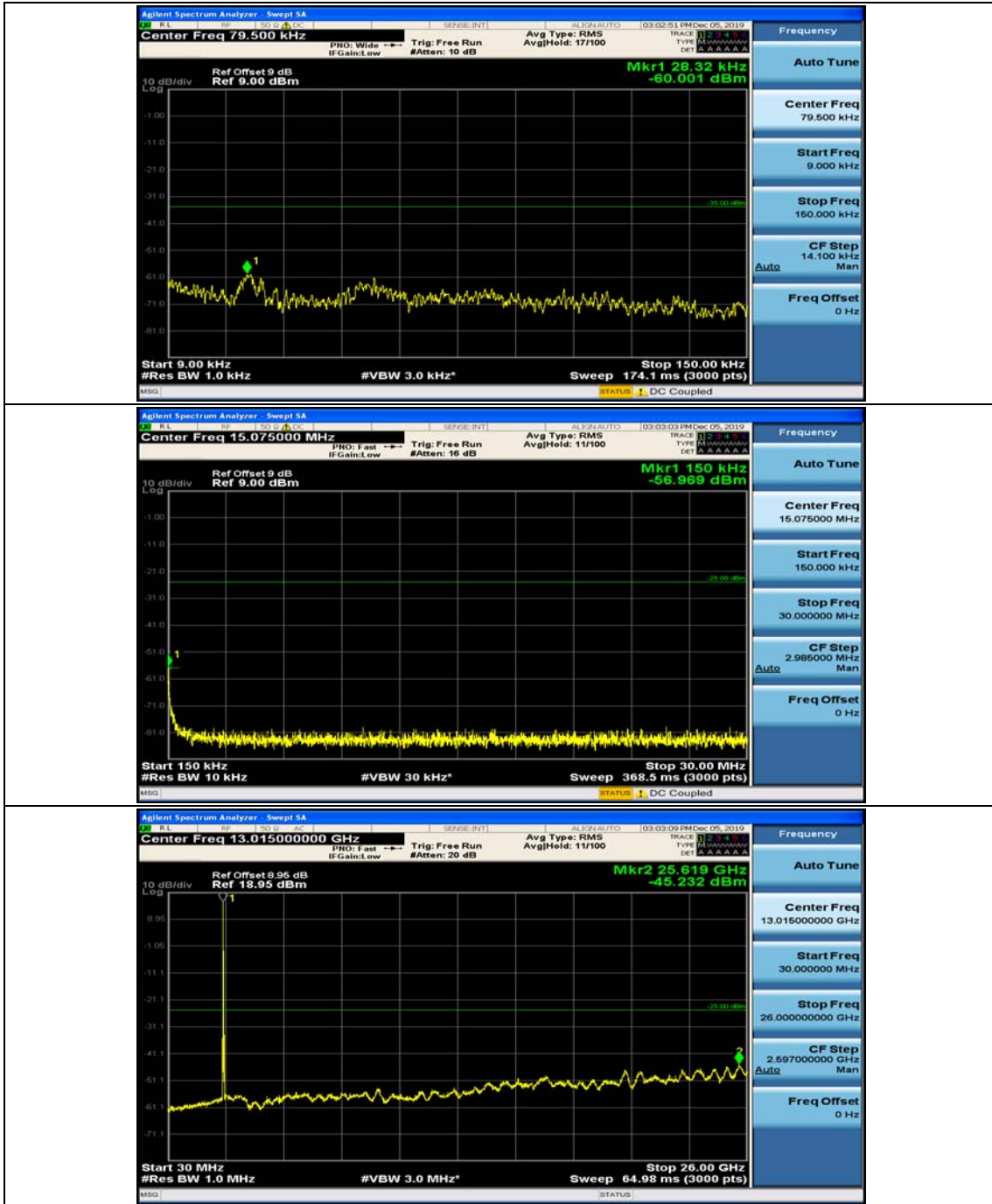




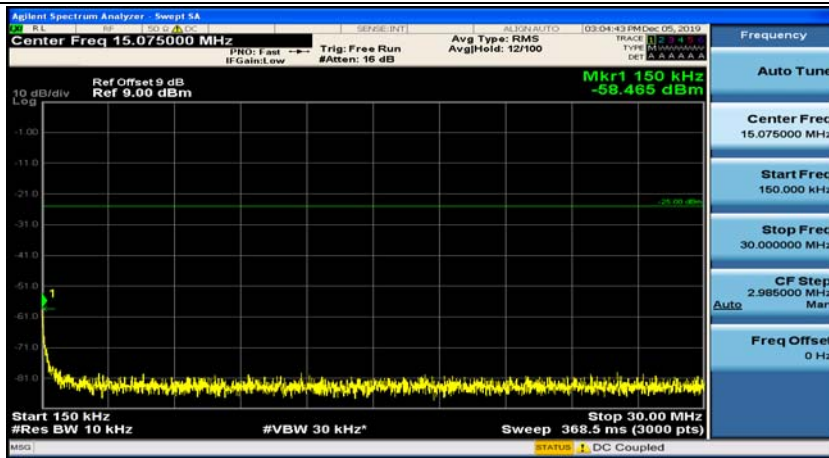
Channel Bandwidth: 20 MHz



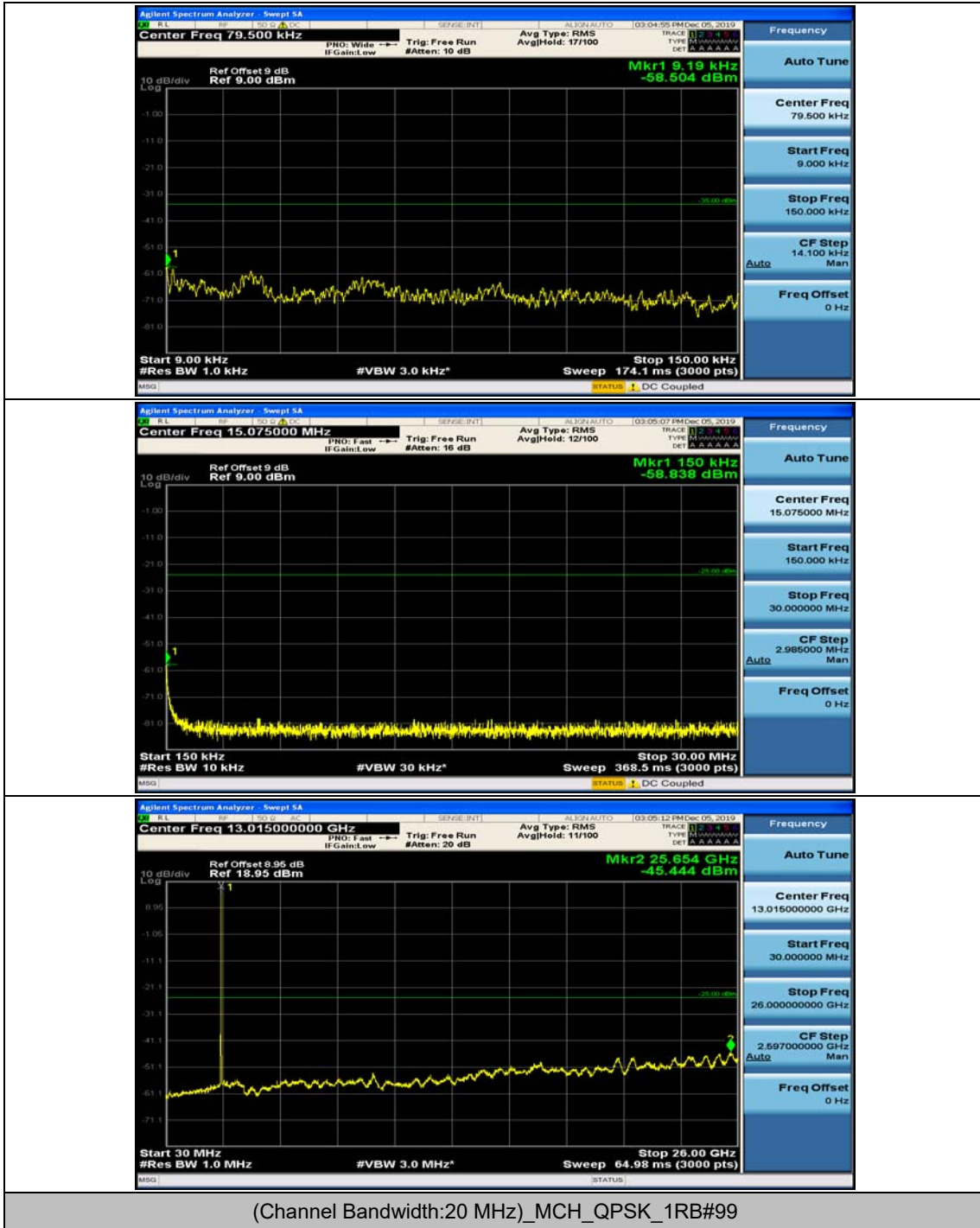


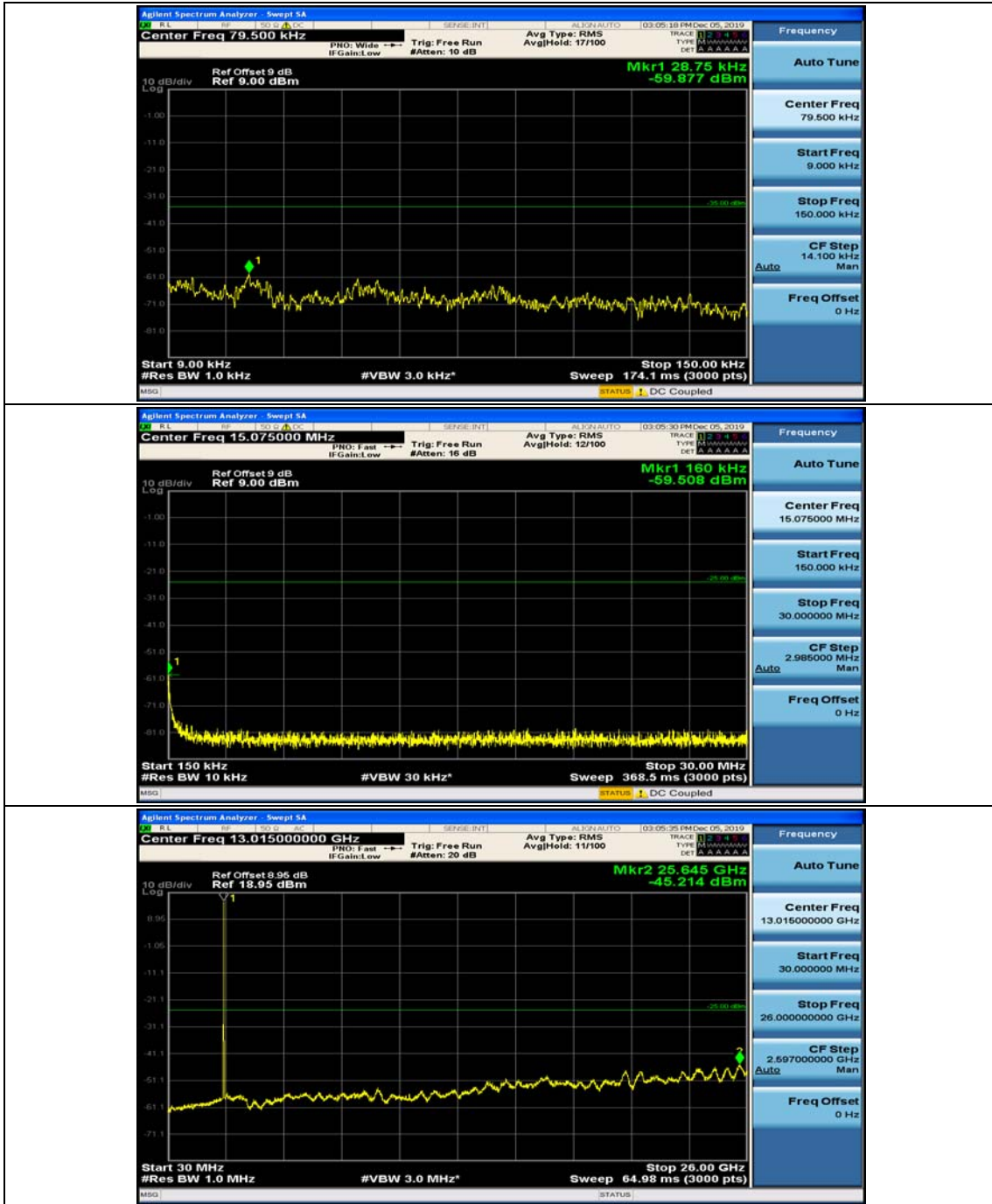


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

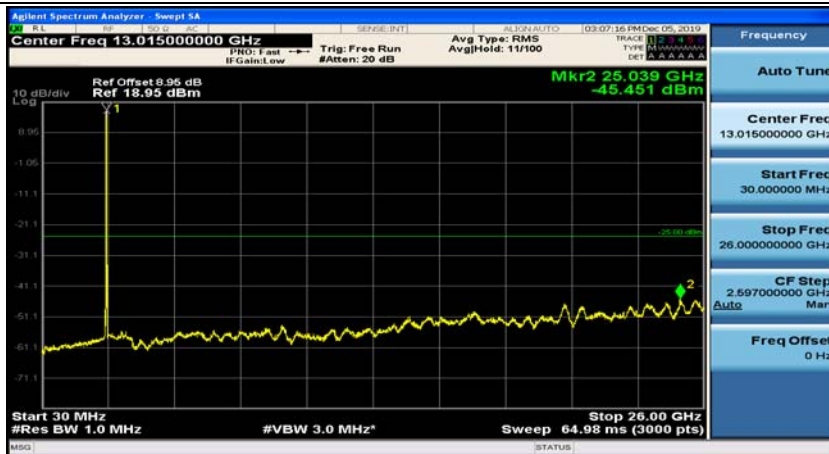
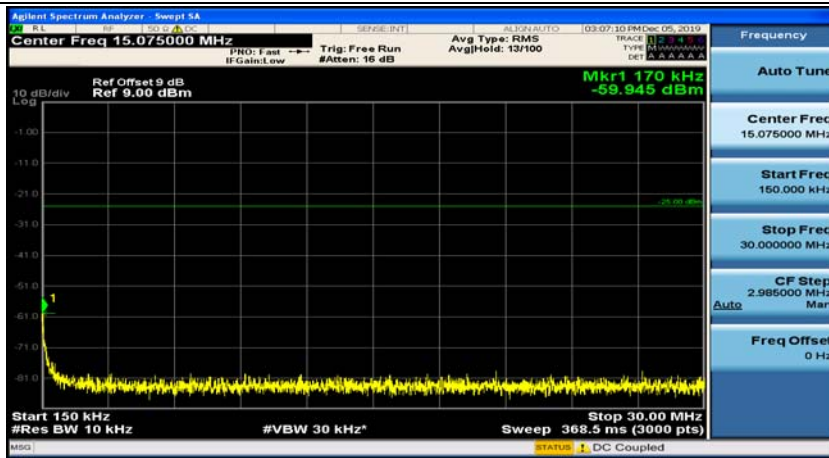
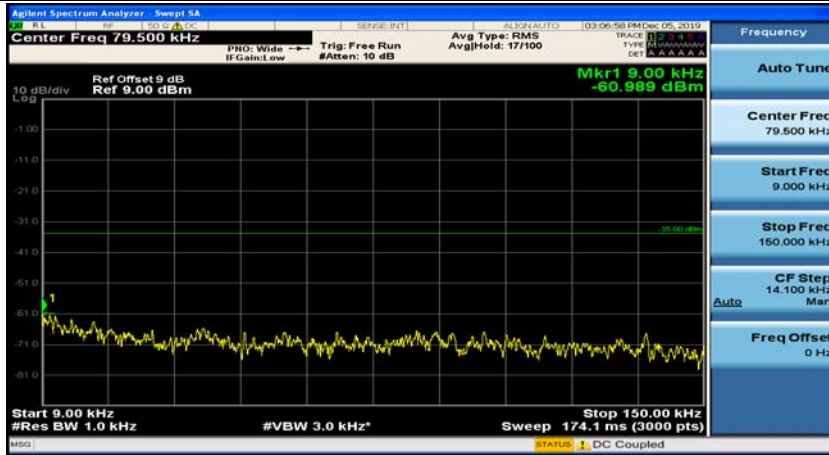


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

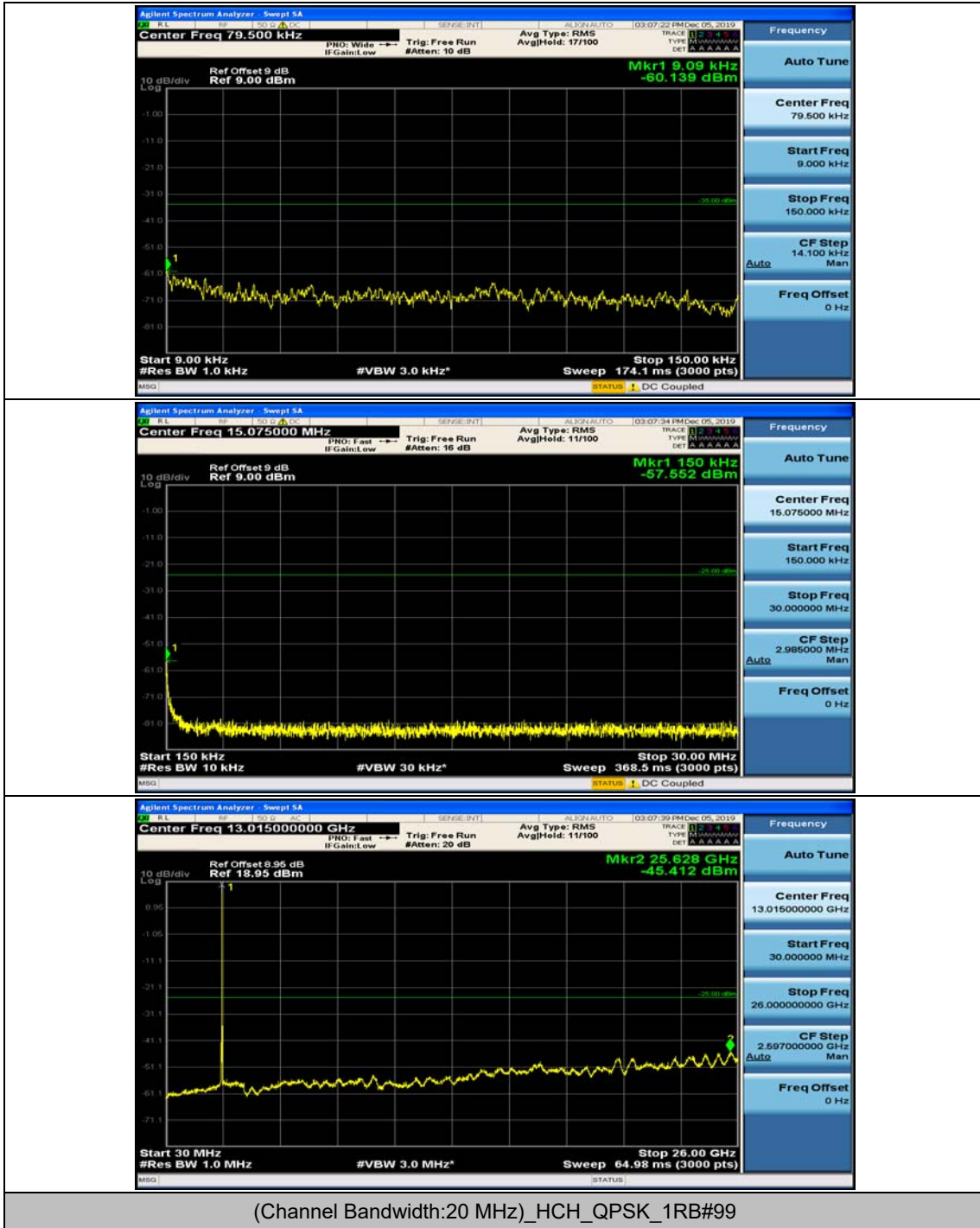


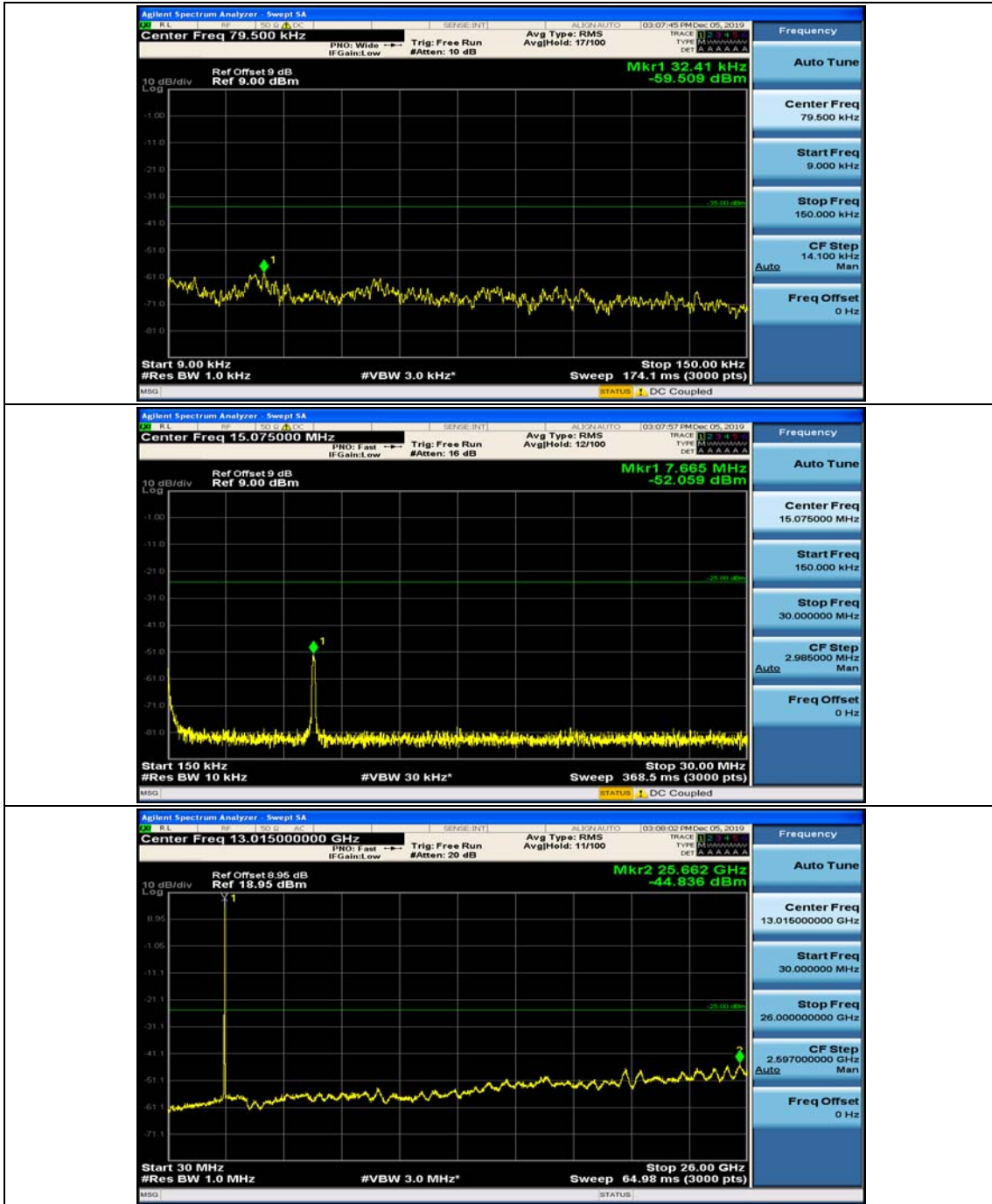


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

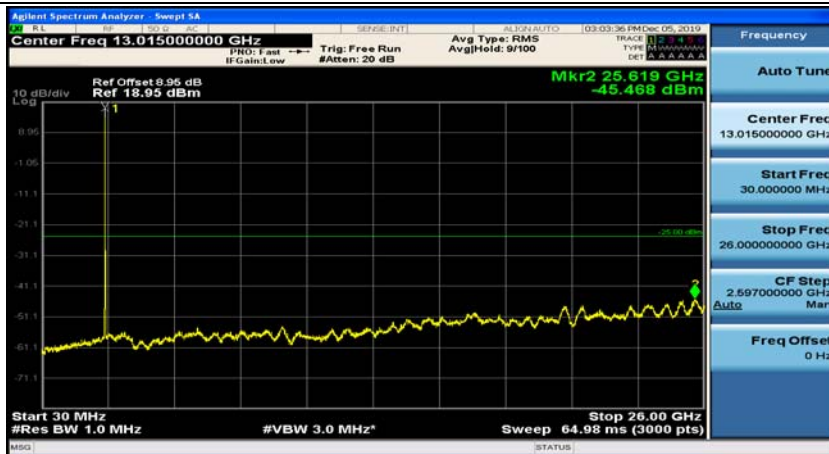
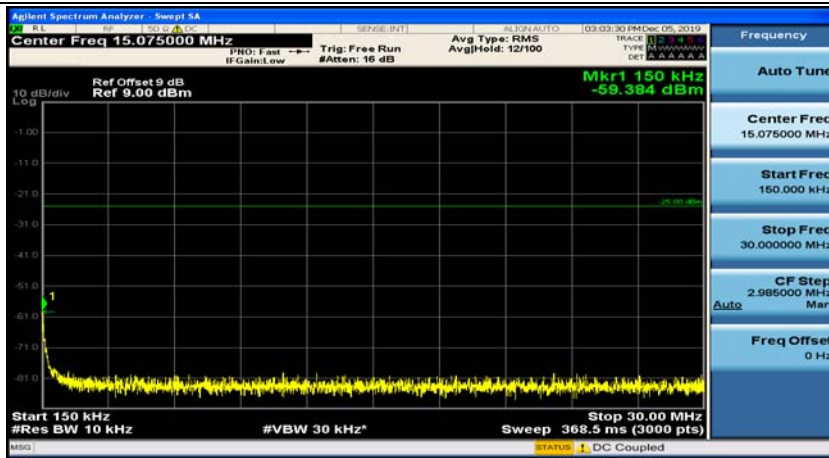
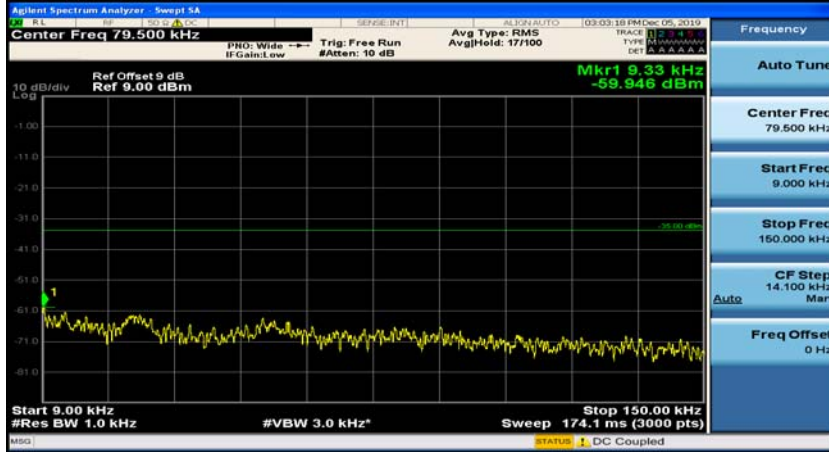


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

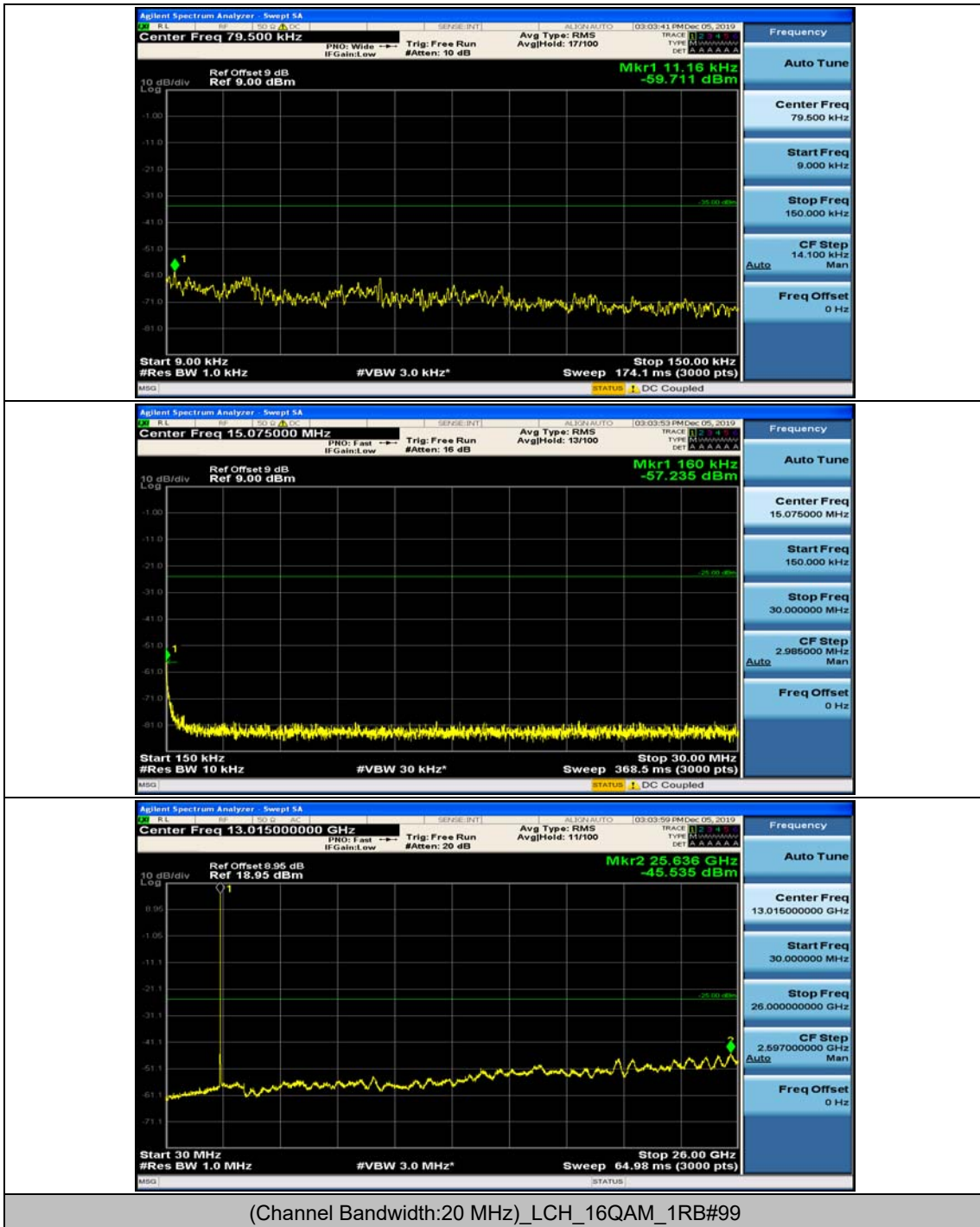


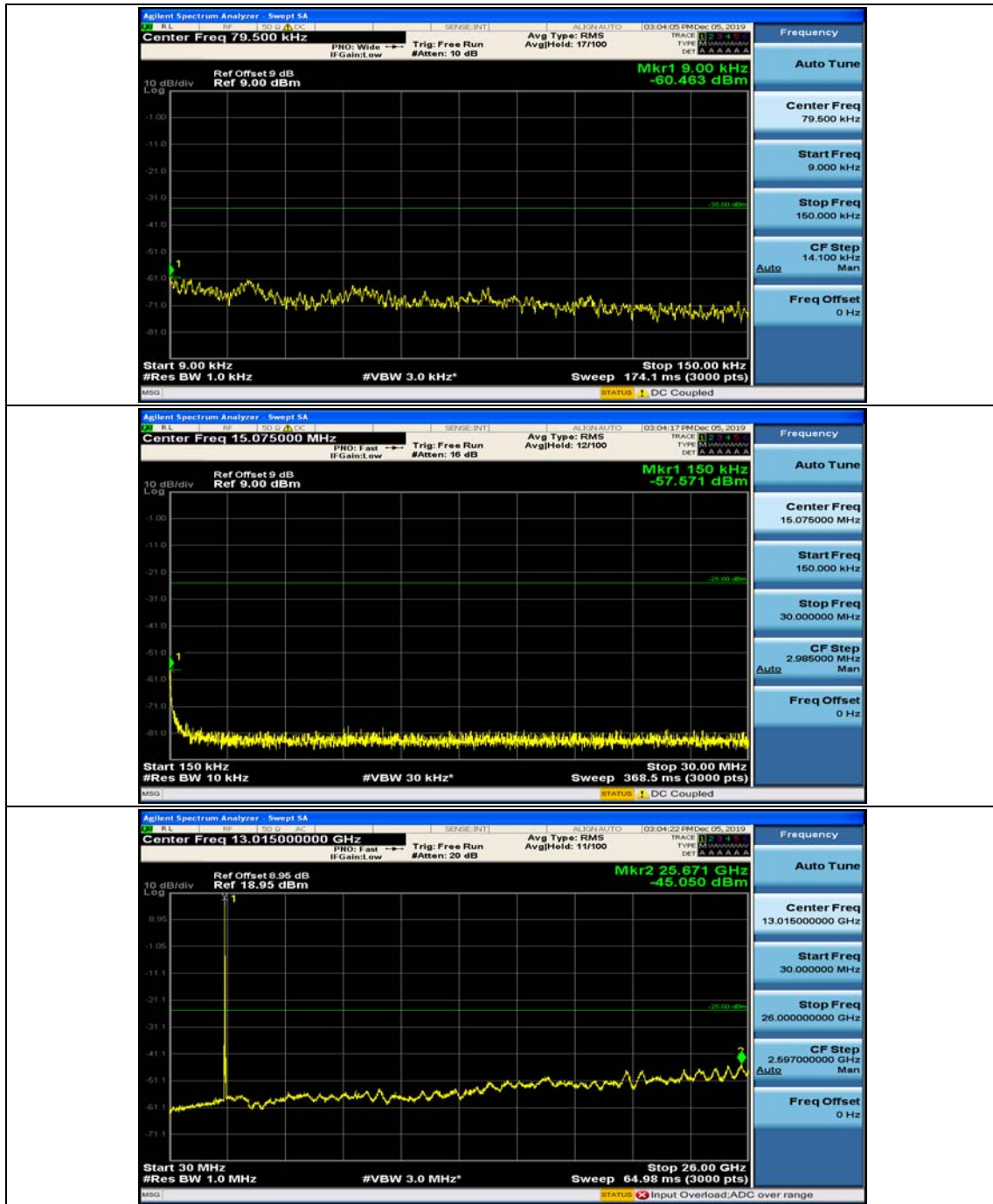


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

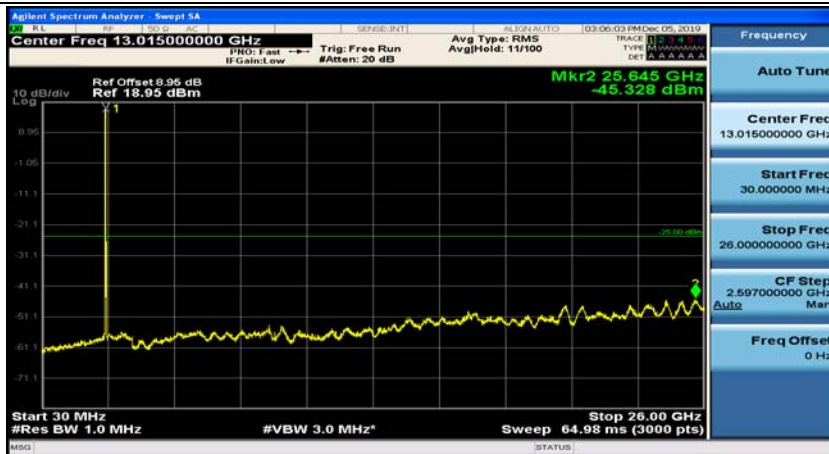
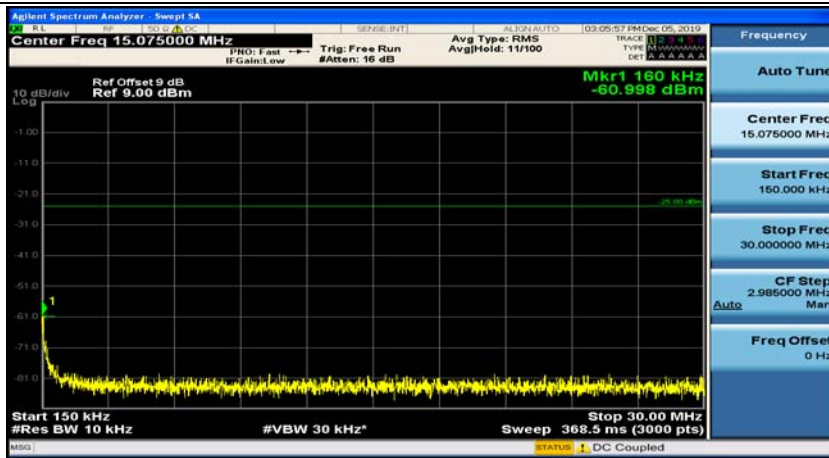
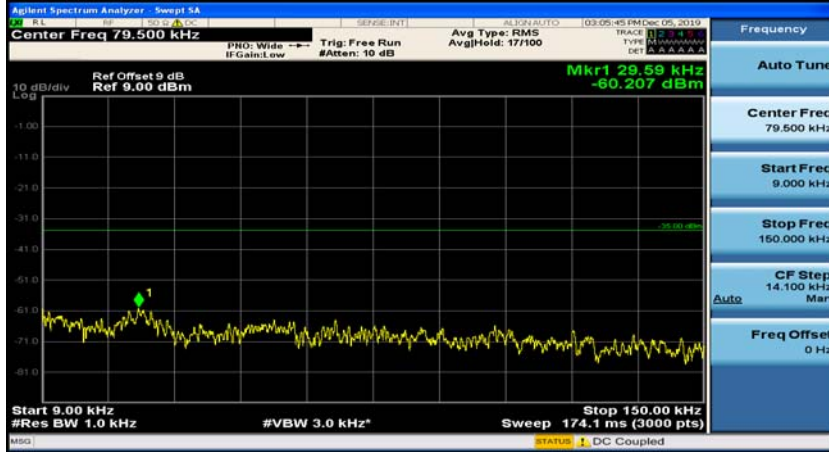


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

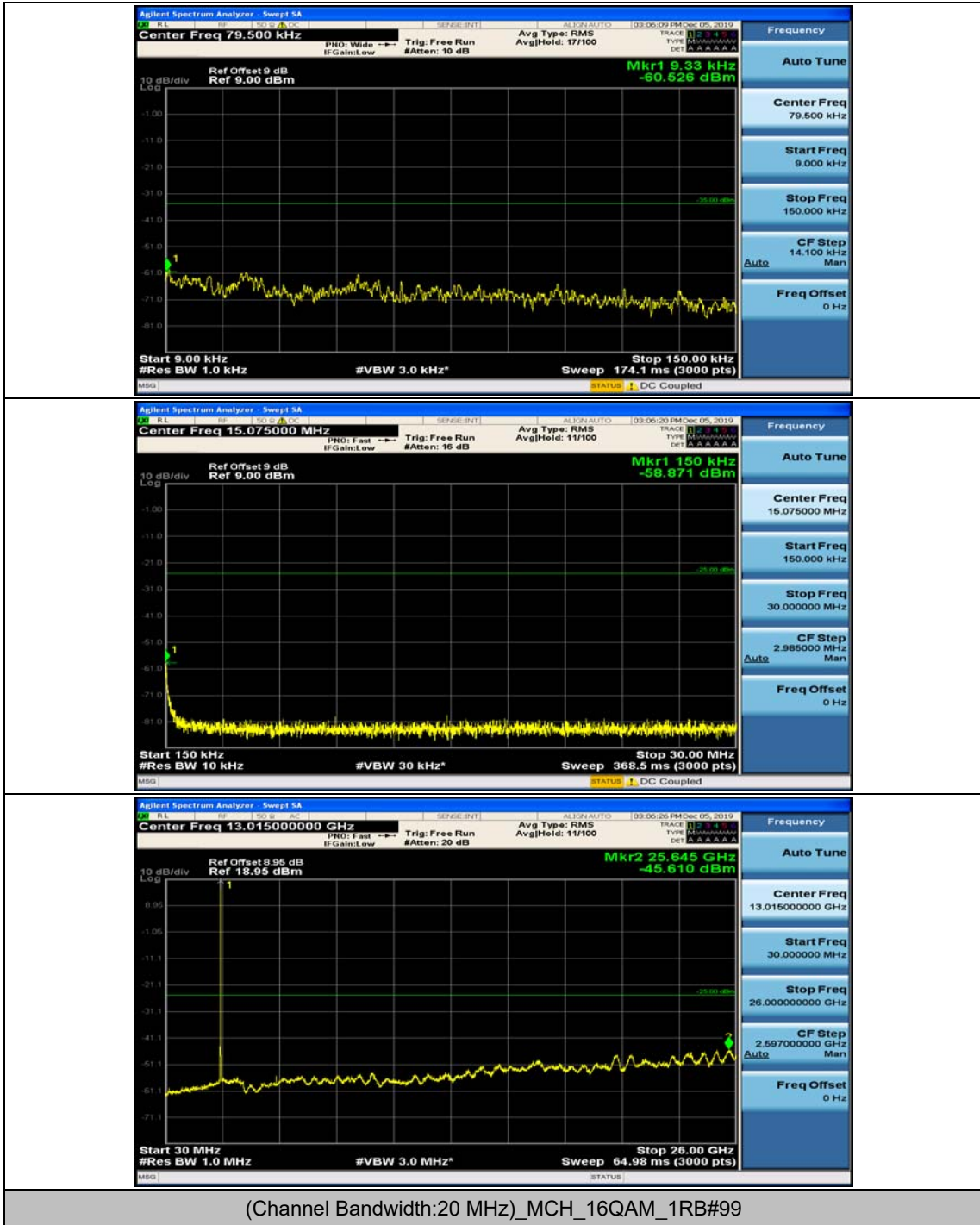


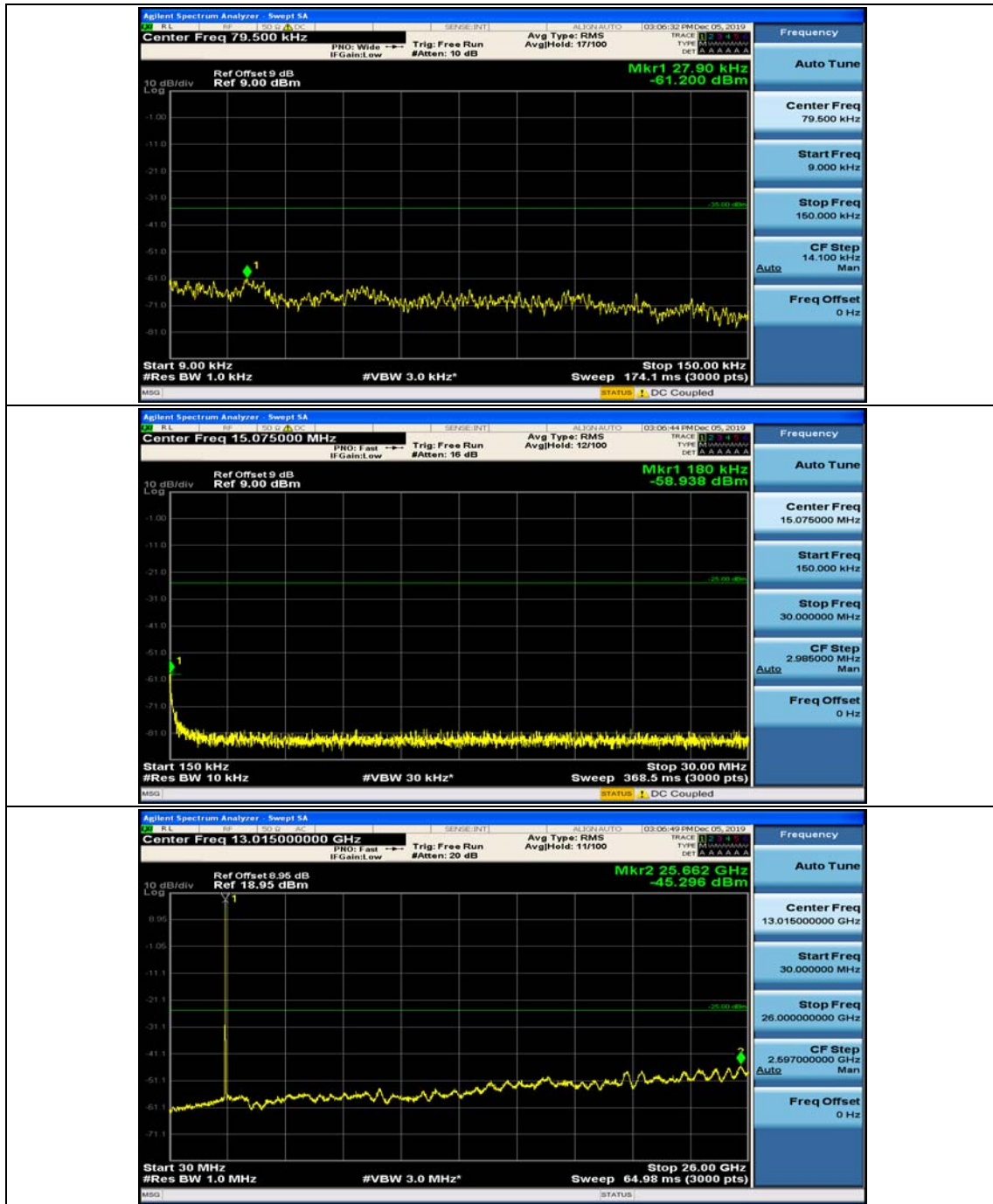


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

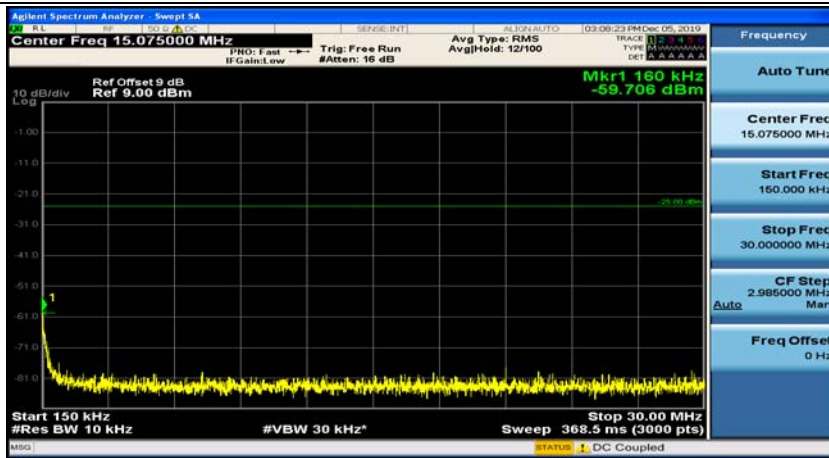
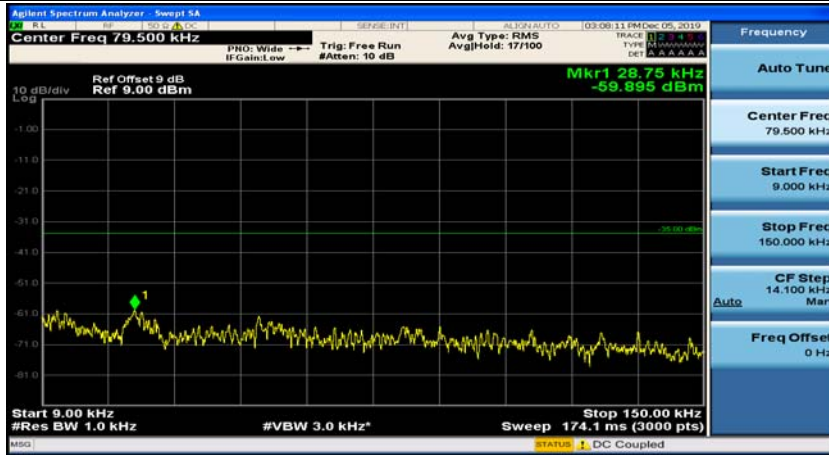


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

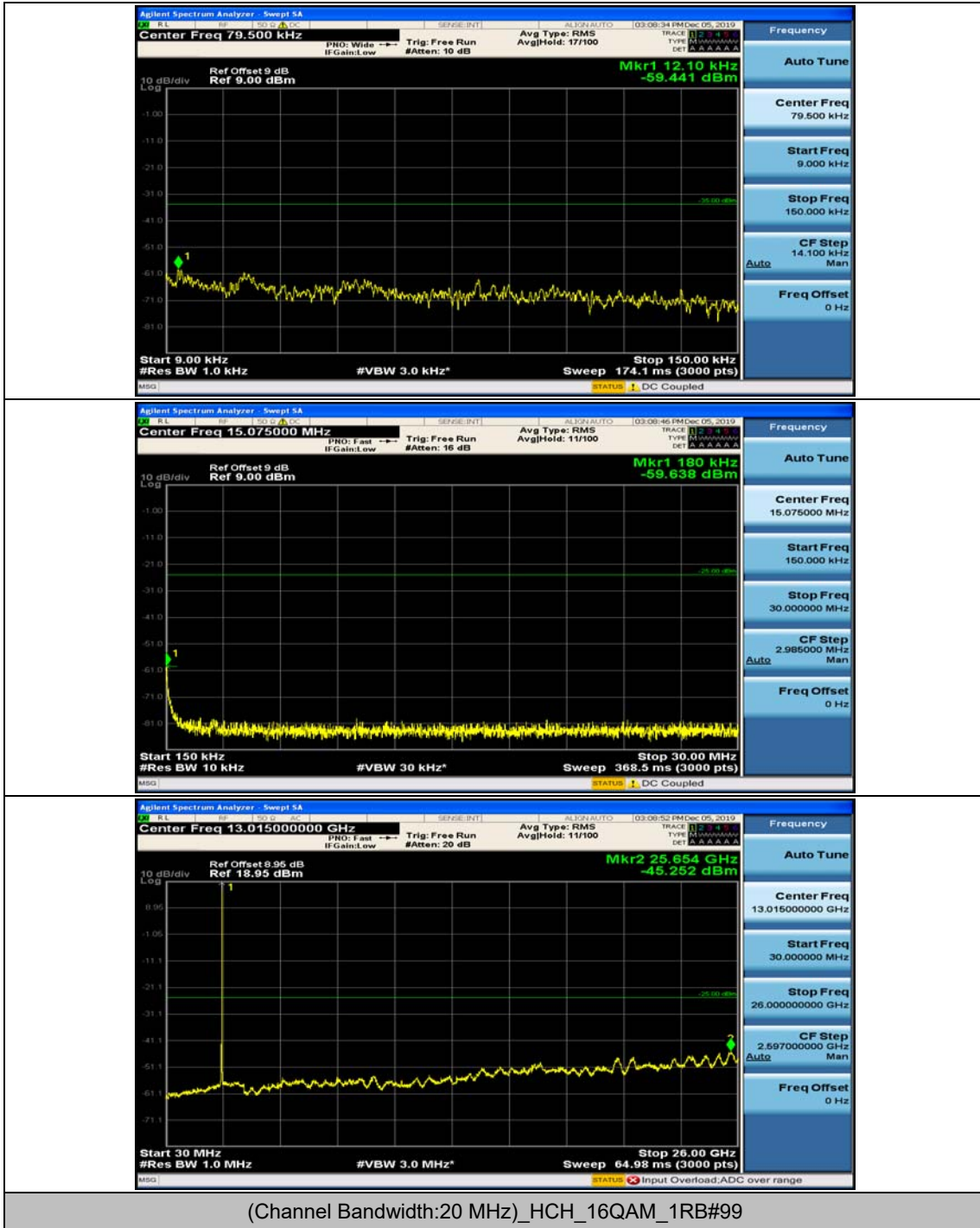


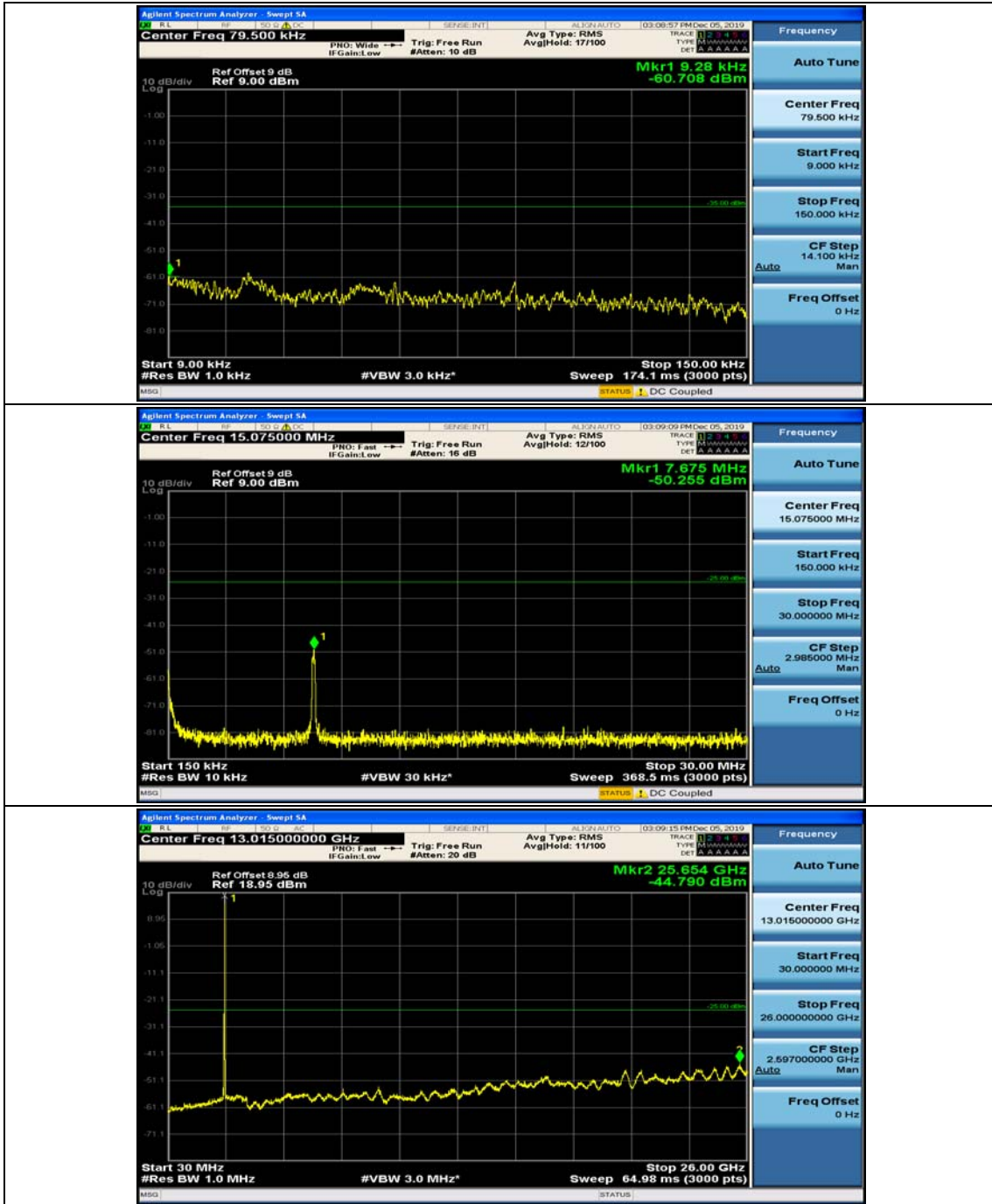


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | | |
|--------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 0.85 | 0.000340 | ± 2.5 | PASS |
| | | VN | TN | 2.19 | 0.000875 | ± 2.5 | PASS |
| | | VH | TN | 2.39 | 0.000955 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.02 | 0.000797 | ± 2.5 | PASS |
| | | VN | TN | -0.43 | -0.000170 | ± 2.5 | PASS |
| | | VH | TN | -0.86 | -0.000339 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.79 | -0.000697 | ± 2.5 | PASS |
| | | VN | TN | 4.57 | 0.001780 | ± 2.5 | PASS |
| | | VH | TN | 1.21 | 0.000471 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.98 | 0.001990 | ± 2.5 | PASS |
| | | VN | TN | 4.48 | 0.001790 | ± 2.5 | PASS |
| | | VH | TN | -0.4 | -0.000160 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.13 | 0.001629 | ± 2.5 | PASS |
| | | VN | TN | 4.46 | 0.001759 | ± 2.5 | PASS |
| | | VH | TN | -0.27 | -0.000107 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.51 | -0.000199 | ± 2.5 | PASS |
| | | VN | TN | 0.04 | 0.000016 | ± 2.5 | PASS |
| | | VH | TN | -1.03 | -0.000401 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 2.61 | 0.001043 | ± 2.5 | PASS |
| | | VN | -20 | 3.09 | 0.001235 | ± 2.5 | PASS |
| | | VN | -10 | 4.42 | 0.001766 | ± 2.5 | PASS |
| | | VN | 0 | 2.57 | 0.001027 | ± 2.5 | PASS |
| | | VN | 10 | -1.78 | -0.000711 | ± 2.5 | PASS |
| | | VN | 20 | 0.01 | 0.000004 | ± 2.5 | PASS |
| | | VN | 30 | 4 | 0.001598 | ± 2.5 | PASS |
| | | VN | 40 | 0.2 | 0.000080 | ± 2.5 | PASS |
| | | VN | 50 | -1 | -0.000400 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.63 | 0.001826 | ± 2.5 | PASS |
| | | VN | -20 | 1.67 | 0.000659 | ± 2.5 | PASS |

| | | | | | | | | |
|-----|-------|------|----------|----------|-----------|-----------|-------|------|
| | | VN | -10 | -1.06 | -0.000418 | ± 2.5 | PASS | |
| | | VN | 0 | 4.23 | 0.001669 | ± 2.5 | PASS | |
| | | VN | 10 | 4.26 | 0.001680 | ± 2.5 | PASS | |
| | | VN | 20 | -1.84 | -0.000726 | ± 2.5 | PASS | |
| | | VN | 30 | -1.07 | -0.000422 | ± 2.5 | PASS | |
| | | VN | 40 | 4.71 | 0.001858 | ± 2.5 | PASS | |
| | | VN | 50 | 0.69 | 0.000272 | ± 2.5 | PASS | |
| | HCH | VN | -30 | 4.85 | 0.001889 | ± 2.5 | PASS | |
| | | VN | -20 | 0.85 | 0.000331 | ± 2.5 | PASS | |
| | | VN | -10 | 3.31 | 0.001289 | ± 2.5 | PASS | |
| | | VN | 0 | -1.53 | -0.000596 | ± 2.5 | PASS | |
| | | VN | 10 | 4.2 | 0.001636 | ± 2.5 | PASS | |
| | | VN | 20 | 2.84 | 0.001106 | ± 2.5 | PASS | |
| | | VN | 30 | -0.25 | -0.000097 | ± 2.5 | PASS | |
| | 16QAM | LCH | VN | 40 | 4.6 | 0.001792 | ± 2.5 | PASS |
| | | | VN | 50 | 3.76 | 0.001464 | ± 2.5 | PASS |
| | | | VN | -30 | 0.06 | 0.000024 | ± 2.5 | PASS |
| | | | VN | -20 | -0.01 | -0.000004 | ± 2.5 | PASS |
| VN | | | -10 | 3.26 | 0.001303 | ± 2.5 | PASS | |
| VN | | | 0 | 4.29 | 0.001714 | ± 2.5 | PASS | |
| VN | | | 10 | 3.39 | 0.001355 | ± 2.5 | PASS | |
| VN | | | 20 | 4.15 | 0.001658 | ± 2.5 | PASS | |
| VN | | | 30 | 2.75 | 0.001099 | ± 2.5 | PASS | |
| MCH | | VN | 40 | -0.19 | -0.000076 | ± 2.5 | PASS | |
| | | VN | 50 | 2.51 | 0.001003 | ± 2.5 | PASS | |
| | | VN | -30 | 1.09 | 0.000430 | ± 2.5 | PASS | |
| | | VN | -20 | -0.45 | -0.000178 | ± 2.5 | PASS | |
| | | VN | -10 | -0.43 | -0.000170 | ± 2.5 | PASS | |
| | | VN | 0 | 3.5 | 0.001381 | ± 2.5 | PASS | |
| | | VN | 10 | 2.28 | 0.000899 | ± 2.5 | PASS | |
| | | VN | 20 | 1.51 | 0.000596 | ± 2.5 | PASS | |
| | | VN | 30 | 0.01 | 0.000004 | ± 2.5 | PASS | |
| HCH | VN | 40 | 3.84 | 0.001515 | ± 2.5 | PASS | | |
| | VN | 50 | 4.11 | 0.001621 | ± 2.5 | PASS | | |
| | VN | -30 | 4.41 | 0.001718 | ± 2.5 | PASS | | |
| | VN | -20 | 2.41 | 0.000939 | ± 2.5 | PASS | | |
| | VN | -10 | 0.64 | 0.000249 | ± 2.5 | PASS | | |
| | VN | 0 | 1.65 | 0.000643 | ± 2.5 | PASS | | |
| | VN | 10 | 4.65 | 0.001811 | ± 2.5 | PASS | | |
| VN | 20 | 4.88 | 0.001901 | ± 2.5 | PASS | | | |
| VN | 30 | 2.66 | 0.001036 | ± 2.5 | PASS | | | |

| | | | | | | | |
|--|--|----|----|------|----------|-------|------|
| | | VN | 40 | 3.99 | 0.001554 | ± 2.5 | PASS |
| | | VN | 50 | 1.54 | 0.000600 | ± 2.5 | PASS |

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 0.69 | 0.000275 | ± 2.5 | PASS |
| | | VN | TN | 4.56 | 0.001820 | ± 2.5 | PASS |
| | | VH | TN | 0.99 | 0.000395 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.47 | 0.000580 | ± 2.5 | PASS |
| | | VN | TN | 4.57 | 0.001803 | ± 2.5 | PASS |
| | | VH | TN | -0.37 | -0.000146 | ± 2.5 | PASS |
| | HCH | VL | TN | 3.56 | 0.001388 | ± 2.5 | PASS |
| | | VN | TN | 4.73 | 0.001844 | ± 2.5 | PASS |
| | | VH | TN | -0.15 | -0.000058 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.04 | 0.001613 | ± 2.5 | PASS |
| | | VN | TN | -1.25 | -0.000499 | ± 2.5 | PASS |
| | | VH | TN | 0.76 | 0.000303 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.66 | 0.001049 | ± 2.5 | PASS |
| | | VN | TN | 2.07 | 0.000817 | ± 2.5 | PASS |
| | | VH | TN | -0.66 | -0.000260 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.23 | 0.001649 | ± 2.5 | PASS |
| | | VN | TN | -0.43 | -0.000168 | ± 2.5 | PASS |
| | | VH | TN | -0.69 | -0.000269 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 4.3 | 0.001717 | ± 2.5 | PASS |
| | | VN | -20 | 3.72 | 0.001485 | ± 2.5 | PASS |
| | | VN | -10 | 3.7 | 0.001477 | ± 2.5 | PASS |
| | | VN | 0 | 1.49 | 0.000595 | ± 2.5 | PASS |
| | | VN | 10 | 3.99 | 0.001593 | ± 2.5 | PASS |
| | | VN | 20 | 4.15 | 0.001657 | ± 2.5 | PASS |
| | | VN | 30 | 2.39 | 0.000954 | ± 2.5 | PASS |
| | | VN | 40 | 0.68 | 0.000271 | ± 2.5 | PASS |
| | | VN | 50 | 3.08 | 0.001230 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.42 | 0.001744 | ± 2.5 | PASS |
| | | VN | -20 | -0.5 | -0.000197 | ± 2.5 | PASS |
| | | VN | -10 | 3.32 | 0.001310 | ± 2.5 | PASS |

| | | | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|-----------|-------|------|
| | | VN | 0 | 0.76 | 0.000300 | ± 2.5 | PASS | | |
| | | VN | 10 | 0.47 | 0.000185 | ± 2.5 | PASS | | |
| | | VN | 20 | 2.61 | 0.001030 | ± 2.5 | PASS | | |
| | | VN | 30 | -0.62 | -0.000245 | ± 2.5 | PASS | | |
| | | VN | 40 | 1.76 | 0.000694 | ± 2.5 | PASS | | |
| | | VN | 50 | 1.94 | 0.000765 | ± 2.5 | PASS | | |
| | HCH | VN | -30 | -0.51 | -0.000199 | ± 2.5 | PASS | | |
| | | VN | -20 | 0.4 | 0.000156 | ± 2.5 | PASS | | |
| | | VN | -10 | 2.98 | 0.001162 | ± 2.5 | PASS | | |
| | | VN | 0 | -0.27 | -0.000105 | ± 2.5 | PASS | | |
| | | VN | 10 | 3.73 | 0.001454 | ± 2.5 | PASS | | |
| | | VN | 20 | 3.93 | 0.001532 | ± 2.5 | PASS | | |
| | | VN | 30 | 1.92 | 0.000749 | ± 2.5 | PASS | | |
| | | VN | 40 | 2.48 | 0.000967 | ± 2.5 | PASS | | |
| | | VN | 50 | 1.91 | 0.000745 | ± 2.5 | PASS | | |
| | | 16QAM | LCH | VN | -30 | 2.83 | 0.001130 | ± 2.5 | PASS |
| | | | | VN | -20 | 0.76 | 0.000303 | ± 2.5 | PASS |
| | | | | VN | -10 | -1.6 | -0.000639 | ± 2.5 | PASS |
| VN | 0 | | | -0.87 | -0.000347 | ± 2.5 | PASS | | |
| VN | 10 | | | 2.2 | 0.000878 | ± 2.5 | PASS | | |
| VN | 20 | | | 0.43 | 0.000172 | ± 2.5 | PASS | | |
| VN | 30 | | | 3.56 | 0.001421 | ± 2.5 | PASS | | |
| VN | 40 | | | 0.36 | 0.000144 | ± 2.5 | PASS | | |
| VN | 50 | | | -1.97 | -0.000786 | ± 2.5 | PASS | | |
| MCH | VN | | -30 | 3.03 | 0.001195 | ± 2.5 | PASS | | |
| | VN | | -20 | 0.54 | 0.000213 | ± 2.5 | PASS | | |
| | VN | | -10 | -1.01 | -0.000398 | ± 2.5 | PASS | | |
| | VN | | 0 | 2.05 | 0.000809 | ± 2.5 | PASS | | |
| | VN | | 10 | 0.22 | 0.000087 | ± 2.5 | PASS | | |
| | VN | | 20 | -1.96 | -0.000773 | ± 2.5 | PASS | | |
| | VN | | 30 | 0.68 | 0.000268 | ± 2.5 | PASS | | |
| | VN | | 40 | 0.59 | 0.000233 | ± 2.5 | PASS | | |
| | VN | | 50 | -1.18 | -0.000465 | ± 2.5 | PASS | | |
| HCH | VN | | -30 | 0.32 | 0.000125 | ± 2.5 | PASS | | |
| | VN | | -20 | -1.14 | -0.000444 | ± 2.5 | PASS | | |
| | VN | | -10 | -0.57 | -0.000222 | ± 2.5 | PASS | | |
| | VN | | 0 | 4.8 | 0.001871 | ± 2.5 | PASS | | |
| | VN | | 10 | 0.88 | 0.000343 | ± 2.5 | PASS | | |
| | VN | | 20 | 0.86 | 0.000335 | ± 2.5 | PASS | | |
| | VN | | 30 | 1.06 | 0.000413 | ± 2.5 | PASS | | |
| | VN | | 40 | -0.72 | -0.000281 | ± 2.5 | PASS | | |

| | | | | | | | |
|--|--|----|----|------|----------|-------|------|
| | | VN | 50 | 1.81 | 0.000706 | ± 2.5 | PASS |
|--|--|----|----|------|----------|-------|------|

Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 0.56 | 0.000223 | ± 2.5 | PASS |
| | | VN | TN | 1.38 | 0.000550 | ± 2.5 | PASS |
| | | VH | TN | 1.94 | 0.000774 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.84 | 0.001909 | ± 2.5 | PASS |
| | | VN | TN | 0.54 | 0.000213 | ± 2.5 | PASS |
| | | VH | TN | -1.96 | -0.000773 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.4 | 0.000546 | ± 2.5 | PASS |
| | | VN | TN | 3.91 | 0.001526 | ± 2.5 | PASS |
| | | VH | TN | 3.62 | 0.001413 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.24 | 0.001691 | ± 2.5 | PASS |
| | | VN | TN | -0.96 | -0.000383 | ± 2.5 | PASS |
| | | VH | TN | 1.41 | 0.000562 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.77 | -0.000304 | ± 2.5 | PASS |
| | | VN | TN | 3.89 | 0.001535 | ± 2.5 | PASS |
| | | VH | TN | 2.79 | 0.001101 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.79 | -0.000308 | ± 2.5 | PASS |
| | | VN | TN | -1.55 | -0.000605 | ± 2.5 | PASS |
| | | VH | TN | 4.73 | 0.001846 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 2.57 | 0.001025 | ± 2.5 | PASS |
| | | VN | -20 | 0.18 | 0.000072 | ± 2.5 | PASS |
| | | VN | -10 | 0.1 | 0.000040 | ± 2.5 | PASS |
| | | VN | 0 | 3.59 | 0.001432 | ± 2.5 | PASS |
| | | VN | 10 | -1.9 | -0.000758 | ± 2.5 | PASS |
| | | VN | 20 | 3.83 | 0.001527 | ± 2.5 | PASS |
| | | VN | 30 | -1.12 | -0.000447 | ± 2.5 | PASS |
| | | VN | 40 | 4.45 | 0.001775 | ± 2.5 | PASS |
| | | VN | 50 | 0.39 | 0.000156 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.3 | -0.000118 | ± 2.5 | PASS |
| | | VN | -20 | 3.02 | 0.001191 | ± 2.5 | PASS |
| | | VN | -10 | 3.03 | 0.001195 | ± 2.5 | PASS |
| | | VN | 0 | 3.9 | 0.001538 | ± 2.5 | PASS |

| | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|----------|
| | | VN | 10 | 4.67 | 0.001842 | ± 2.5 | PASS |
| | | VN | 20 | 0.69 | 0.000272 | ± 2.5 | PASS |
| | | VN | 30 | 4.01 | 0.001582 | ± 2.5 | PASS |
| | | VN | 40 | -0.71 | -0.000280 | ± 2.5 | PASS |
| | | VN | 50 | -0.29 | -0.000114 | ± 2.5 | PASS |
| | HCH | VN | -30 | 1.68 | 0.000656 | ± 2.5 | PASS |
| | | VN | -20 | 3.65 | 0.001424 | ± 2.5 | PASS |
| | | VN | -10 | 2.78 | 0.001085 | ± 2.5 | PASS |
| | | VN | 0 | -0.1 | -0.000039 | ± 2.5 | PASS |
| | | VN | 10 | 1.44 | 0.000562 | ± 2.5 | PASS |
| | | VN | 20 | 2.87 | 0.001120 | ± 2.5 | PASS |
| | | VN | 30 | 1.18 | 0.000460 | ± 2.5 | PASS |
| | | VN | 40 | 1.95 | 0.000761 | ± 2.5 | PASS |
| | | VN | 50 | 0.85 | 0.000332 | ± 2.5 | PASS |
| | | 16QAM | LCH | VN | -30 | 2.43 | 0.000969 |
| VN | -20 | | | 0.27 | 0.000108 | ± 2.5 | PASS |
| VN | -10 | | | 0.04 | 0.000016 | ± 2.5 | PASS |
| VN | 0 | | | 4.48 | 0.001787 | ± 2.5 | PASS |
| VN | 10 | | | 4.97 | 0.001982 | ± 2.5 | PASS |
| VN | 20 | | | -1.3 | -0.000518 | ± 2.5 | PASS |
| VN | 30 | | | 0.77 | 0.000307 | ± 2.5 | PASS |
| VN | 40 | | | 1.23 | 0.000491 | ± 2.5 | PASS |
| VN | 50 | | | 2.38 | 0.000949 | ± 2.5 | PASS |
| MCH | VN | | -30 | -1.35 | -0.000533 | ± 2.5 | PASS |
| | VN | | -20 | -0.28 | -0.000110 | ± 2.5 | PASS |
| | VN | | -10 | 4.38 | 0.001728 | ± 2.5 | PASS |
| | VN | | 0 | 4.74 | 0.001870 | ± 2.5 | PASS |
| | VN | | 10 | 2.26 | 0.000892 | ± 2.5 | PASS |
| | VN | | 20 | 3.12 | 0.001231 | ± 2.5 | PASS |
| | VN | | 30 | 3.59 | 0.001416 | ± 2.5 | PASS |
| | VN | | 40 | 4.79 | 0.001890 | ± 2.5 | PASS |
| | VN | | 50 | 0.5 | 0.000197 | ± 2.5 | PASS |
| HCH | VN | | -30 | -1.95 | -0.000761 | ± 2.5 | PASS |
| | VN | | -20 | -0.54 | -0.000211 | ± 2.5 | PASS |
| | VN | | -10 | 1.54 | 0.000601 | ± 2.5 | PASS |
| | VN | | 0 | 4.38 | 0.001709 | ± 2.5 | PASS |
| | VN | | 10 | -1.01 | -0.000394 | ± 2.5 | PASS |
| | VN | | 20 | -0.62 | -0.000242 | ± 2.5 | PASS |
| | VN | | 30 | 2.42 | 0.000944 | ± 2.5 | PASS |
| | VN | | 40 | 4.11 | 0.001604 | ± 2.5 | PASS |
| | VN | | 50 | 0.03 | 0.000012 | ± 2.5 | PASS |

Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | -1.21 | -0.000482 | ± 2.5 | PASS |
| | | VN | TN | 4.82 | 0.001920 | ± 2.5 | PASS |
| | | VH | TN | 0.52 | 0.000207 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.72 | -0.000679 | ± 2.5 | PASS |
| | | VN | TN | -1.94 | -0.000765 | ± 2.5 | PASS |
| | | VH | TN | -1.32 | -0.000521 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.44 | 0.000563 | ± 2.5 | PASS |
| | | VN | TN | 4.55 | 0.001777 | ± 2.5 | PASS |
| | | VH | TN | 1.42 | 0.000555 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 1.33 | 0.000530 | ± 2.5 | PASS |
| | | VN | TN | 1.26 | 0.000502 | ± 2.5 | PASS |
| | | VH | TN | -1.01 | -0.000402 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.86 | 0.001128 | ± 2.5 | PASS |
| | | VN | TN | 1.84 | 0.000726 | ± 2.5 | PASS |
| | | VH | TN | -1.84 | -0.000726 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.97 | -0.000770 | ± 2.5 | PASS |
| | | VN | TN | -1.11 | -0.000434 | ± 2.5 | PASS |
| | | VH | TN | -1.16 | -0.000453 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | -0.94 | -0.000375 | ± 2.5 | PASS |
| | | VN | -20 | 3.76 | 0.001498 | ± 2.5 | PASS |
| | | VN | -10 | 4.73 | 0.001884 | ± 2.5 | PASS |
| | | VN | 0 | 3.56 | 0.001418 | ± 2.5 | PASS |
| | | VN | 10 | 2.23 | 0.000888 | ± 2.5 | PASS |
| | | VN | 20 | -1.37 | -0.000546 | ± 2.5 | PASS |
| | | VN | 30 | 3.84 | 0.001530 | ± 2.5 | PASS |
| | | VN | 40 | 0.45 | 0.000179 | ± 2.5 | PASS |
| | | VN | 50 | -0.92 | -0.000367 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.15 | -0.000059 | ± 2.5 | PASS |
| | | VN | -20 | 0.02 | 0.000008 | ± 2.5 | PASS |
| | | VN | -10 | 4.58 | 0.001807 | ± 2.5 | PASS |
| | | VN | 0 | 3.96 | 0.001562 | ± 2.5 | PASS |
| | | VN | 10 | 4.48 | 0.001767 | ± 2.5 | PASS |
| | | VN | 20 | -1.7 | -0.000671 | ± 2.5 | PASS |

| | | | | | | | |
|-------|-----|-------|-----------|-------|-----------|-------|------|
| | | VN | 30 | 1.88 | 0.000742 | ± 2.5 | PASS |
| | | VN | 40 | 4.66 | 0.001838 | ± 2.5 | PASS |
| | | VN | 50 | 2.5 | 0.000986 | ± 2.5 | PASS |
| | HCH | VN | -30 | 1.78 | 0.000695 | ± 2.5 | PASS |
| | | VN | -20 | -1.17 | -0.000457 | ± 2.5 | PASS |
| | | VN | -10 | 1.1 | 0.000430 | ± 2.5 | PASS |
| | | VN | 0 | 2.01 | 0.000785 | ± 2.5 | PASS |
| | | VN | 10 | 1.33 | 0.000520 | ± 2.5 | PASS |
| | | VN | 20 | 4.46 | 0.001742 | ± 2.5 | PASS |
| | | VN | 30 | 3.82 | 0.001492 | ± 2.5 | PASS |
| | | VN | 40 | 3.52 | 0.001375 | ± 2.5 | PASS |
| | | VN | 50 | 4.45 | 0.001738 | ± 2.5 | PASS |
| 16QAM | LCH | VN | -30 | 2.2 | 0.000876 | ± 2.5 | PASS |
| | | VN | -20 | -0.66 | -0.000263 | ± 2.5 | PASS |
| | | VN | -10 | 2.13 | 0.000849 | ± 2.5 | PASS |
| | | VN | 0 | -1.77 | -0.000705 | ± 2.5 | PASS |
| | | VN | 10 | 4.89 | 0.001948 | ± 2.5 | PASS |
| | | VN | 20 | 2.36 | 0.000940 | ± 2.5 | PASS |
| | | VN | 30 | 2.41 | 0.000960 | ± 2.5 | PASS |
| | | VN | 40 | -0.23 | -0.000092 | ± 2.5 | PASS |
| | MCH | VN | 50 | 0.64 | 0.000255 | ± 2.5 | PASS |
| | | VN | -30 | 4.47 | 0.001763 | ± 2.5 | PASS |
| | | VN | -20 | -0.8 | -0.000316 | ± 2.5 | PASS |
| | | VN | -10 | 0.09 | 0.000036 | ± 2.5 | PASS |
| | | VN | 0 | 0.41 | 0.000162 | ± 2.5 | PASS |
| | | VN | 10 | 4.6 | 0.001815 | ± 2.5 | PASS |
| | | VN | 20 | 1.32 | 0.000521 | ± 2.5 | PASS |
| | | VN | 30 | 1.42 | 0.000560 | ± 2.5 | PASS |
| | HCH | VN | 40 | 0.23 | 0.000091 | ± 2.5 | PASS |
| | | VN | 50 | -0.99 | -0.000391 | ± 2.5 | PASS |
| | | VN | -30 | -1.6 | -0.000625 | ± 2.5 | PASS |
| | | VN | -20 | -1.07 | -0.000418 | ± 2.5 | PASS |
| | | VN | -10 | -1.96 | -0.000766 | ± 2.5 | PASS |
| | | VN | 0 | 2.69 | 0.001051 | ± 2.5 | PASS |
| | | VN | 10 | 0.59 | 0.000230 | ± 2.5 | PASS |
| | | VN | 20 | 0.85 | 0.000332 | ± 2.5 | PASS |
| VN | 30 | 0.07 | 0.000027 | ± 2.5 | PASS | | |
| VN | 40 | -0.88 | -0.000344 | ± 2.5 | PASS | | |
| VN | 50 | 1.85 | 0.000723 | ± 2.5 | PASS | | |