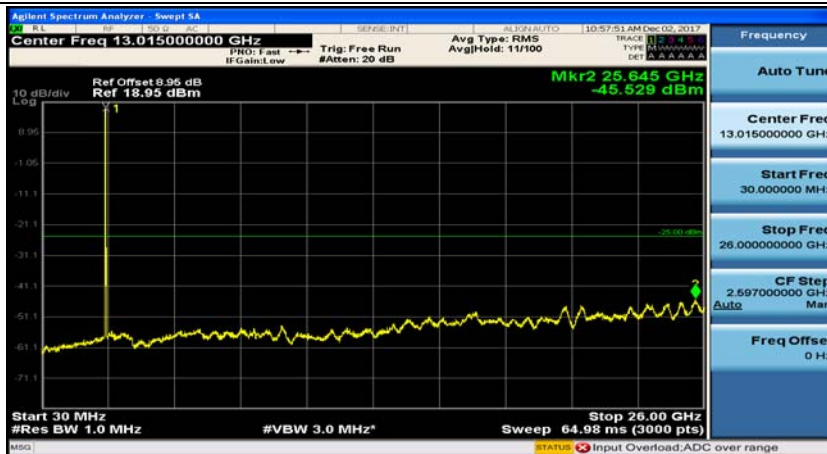
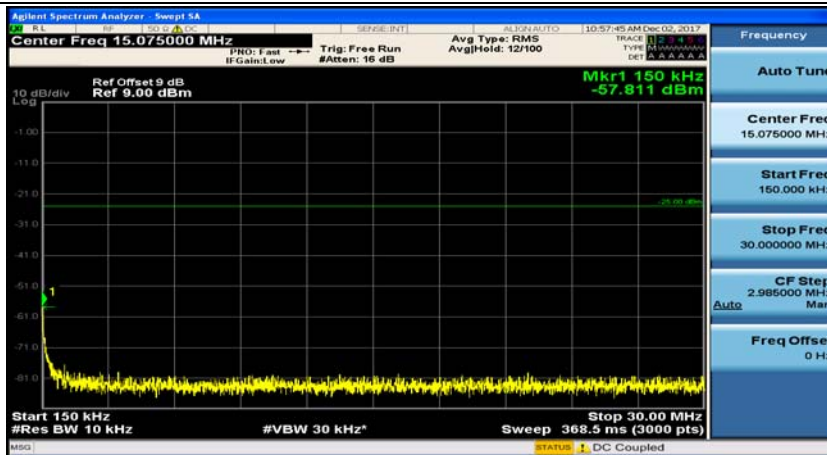
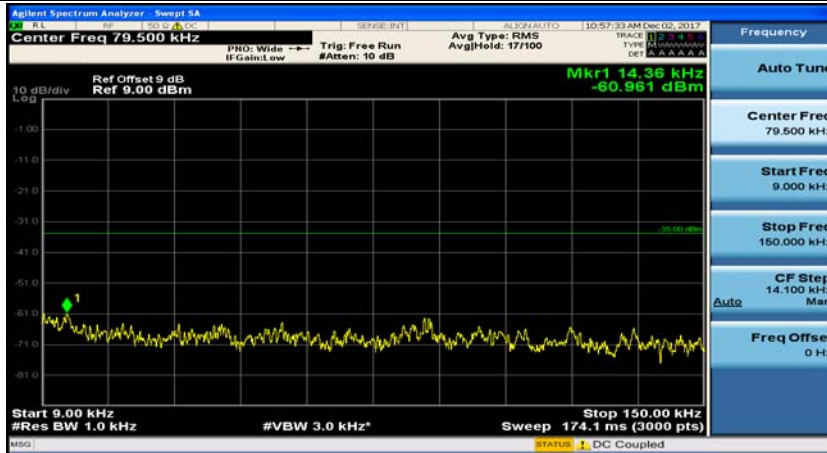
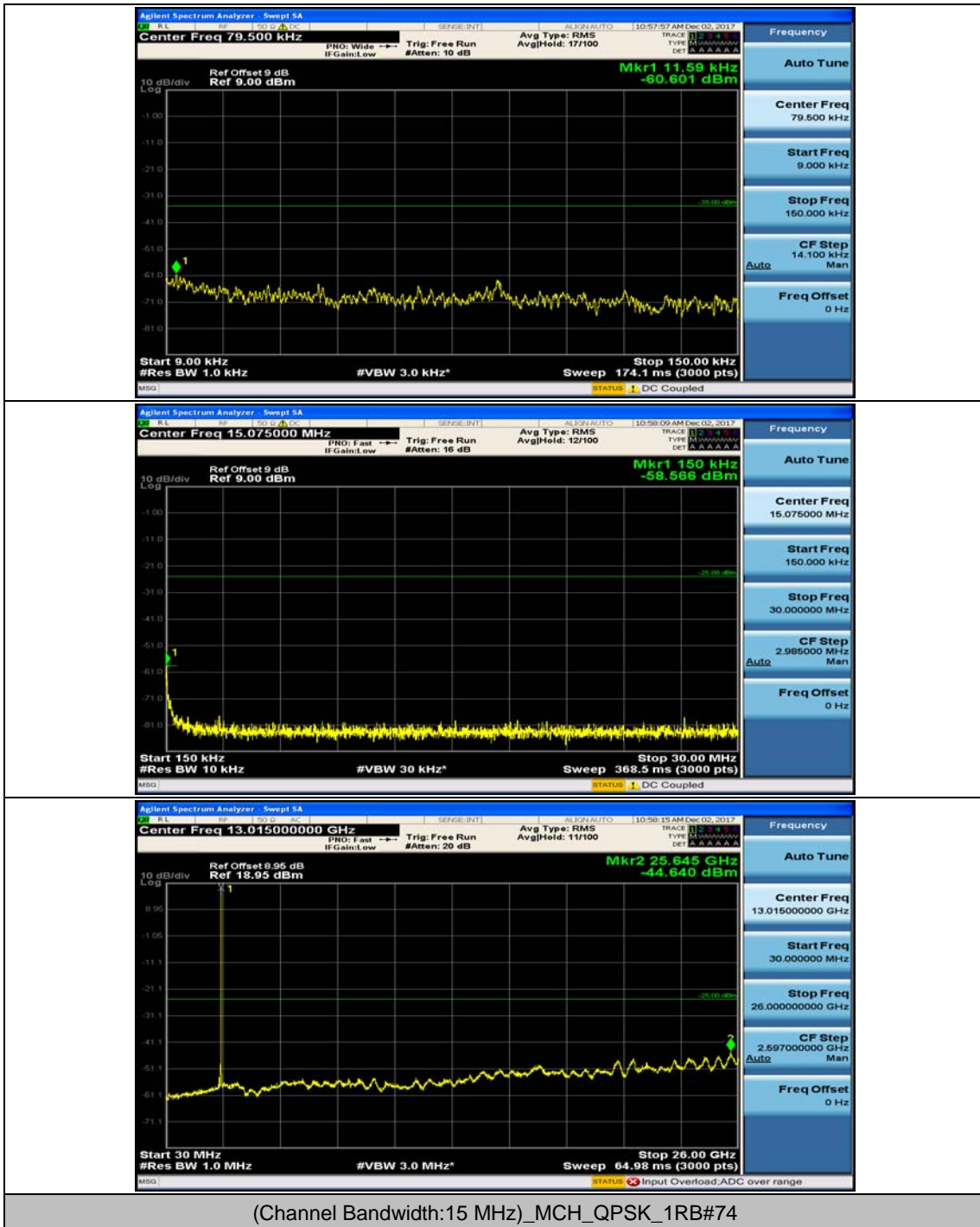


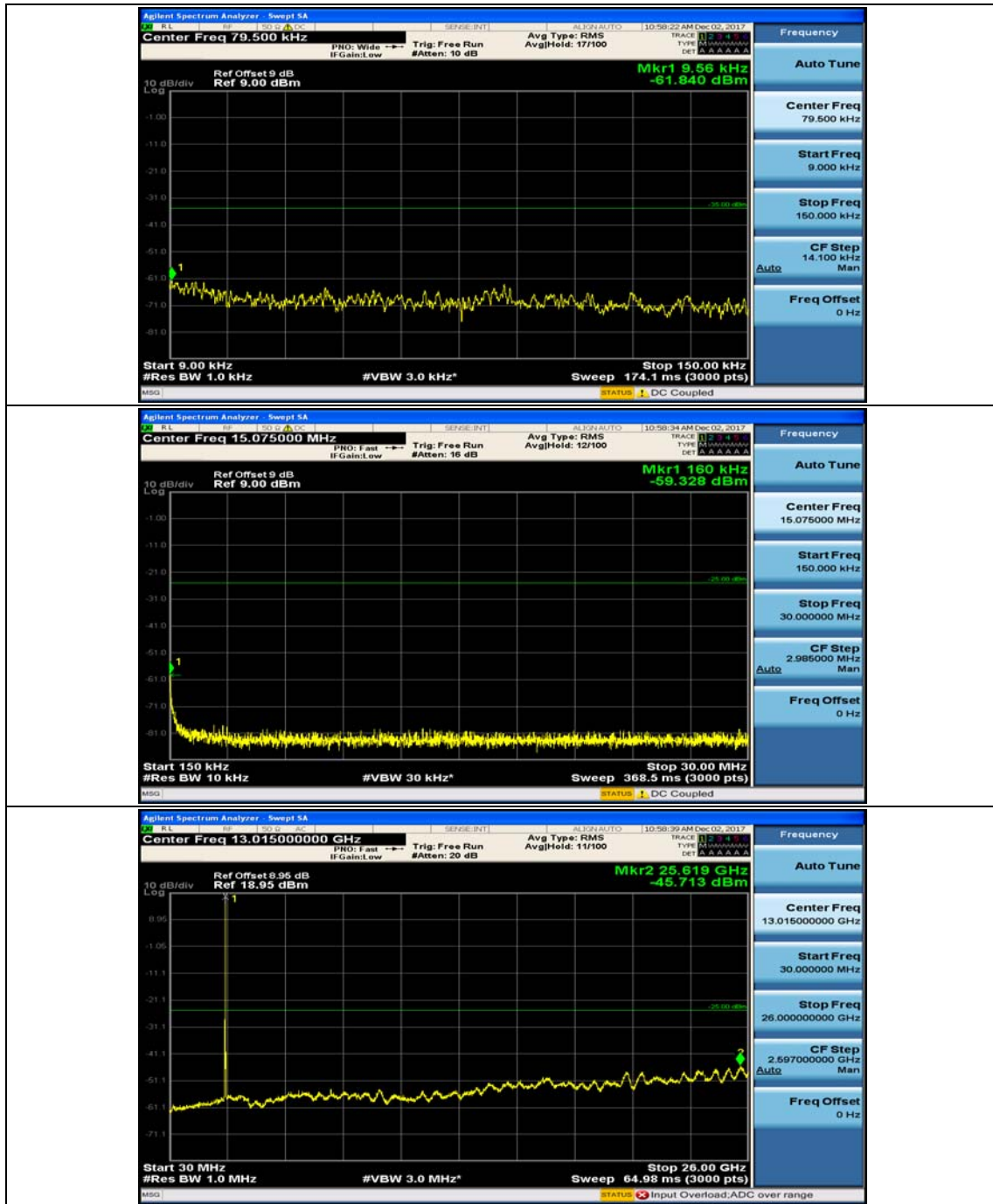
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



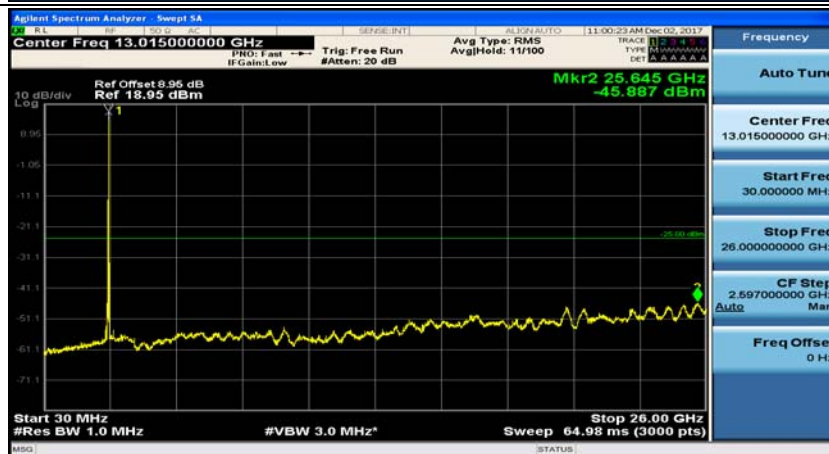
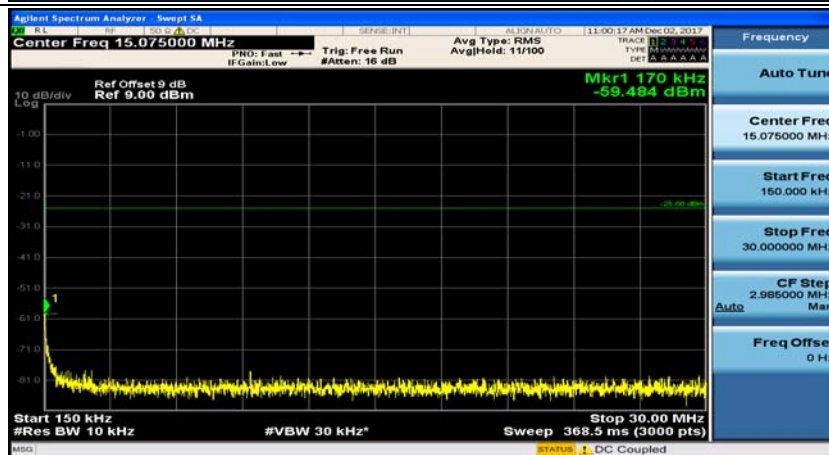
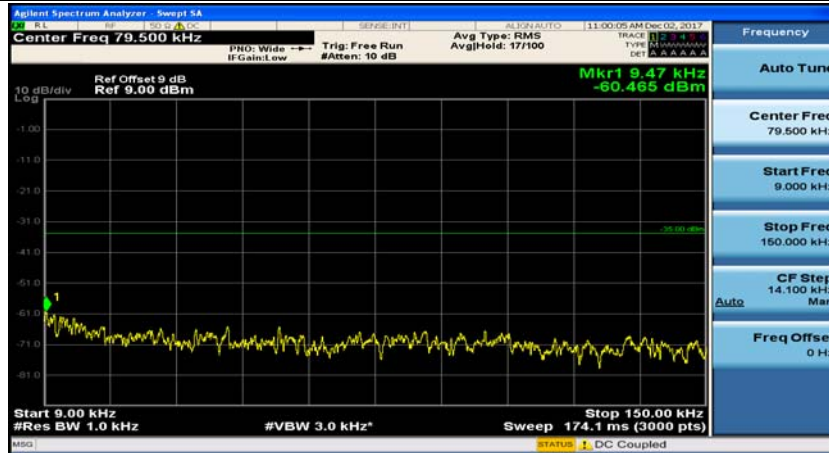
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



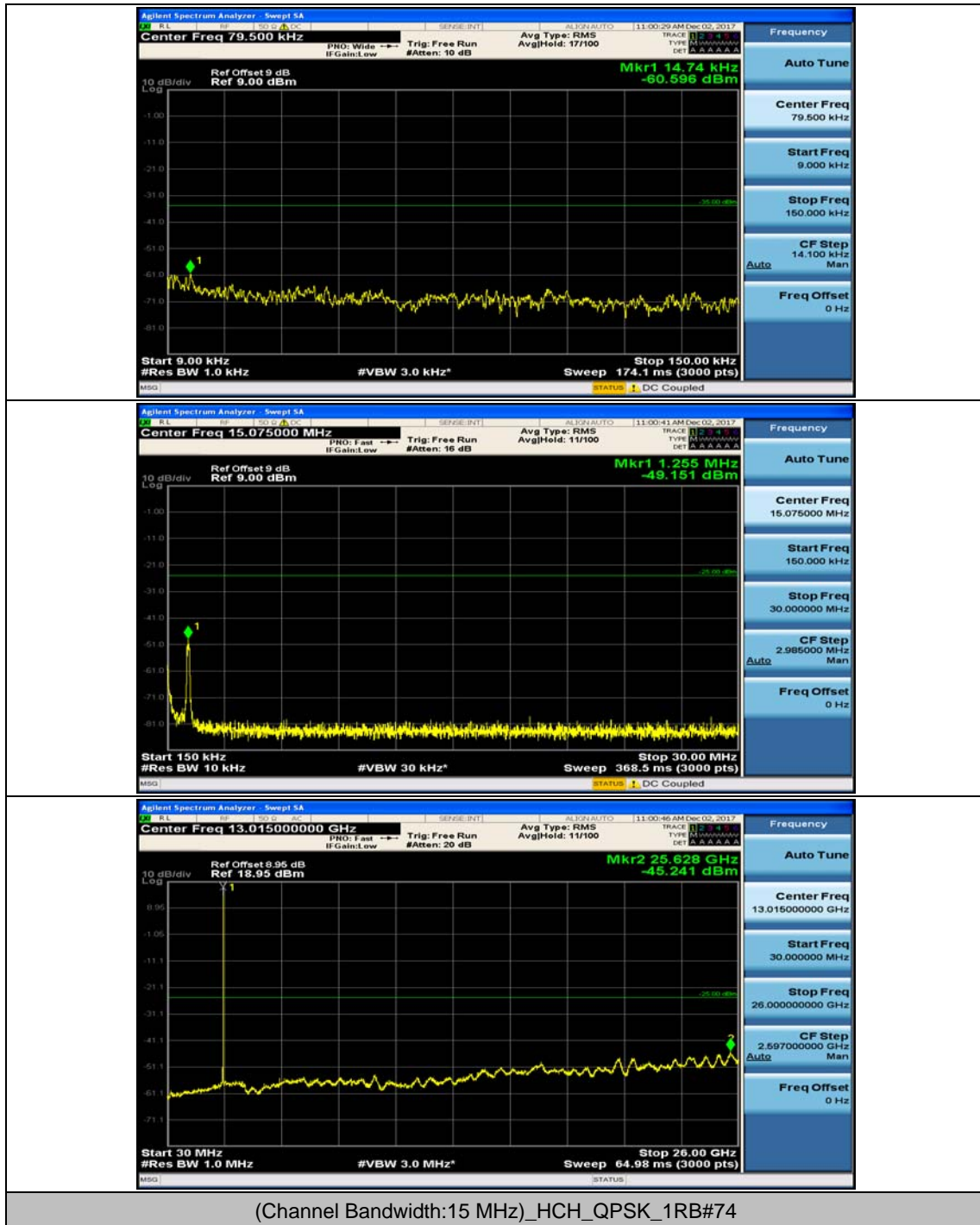
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

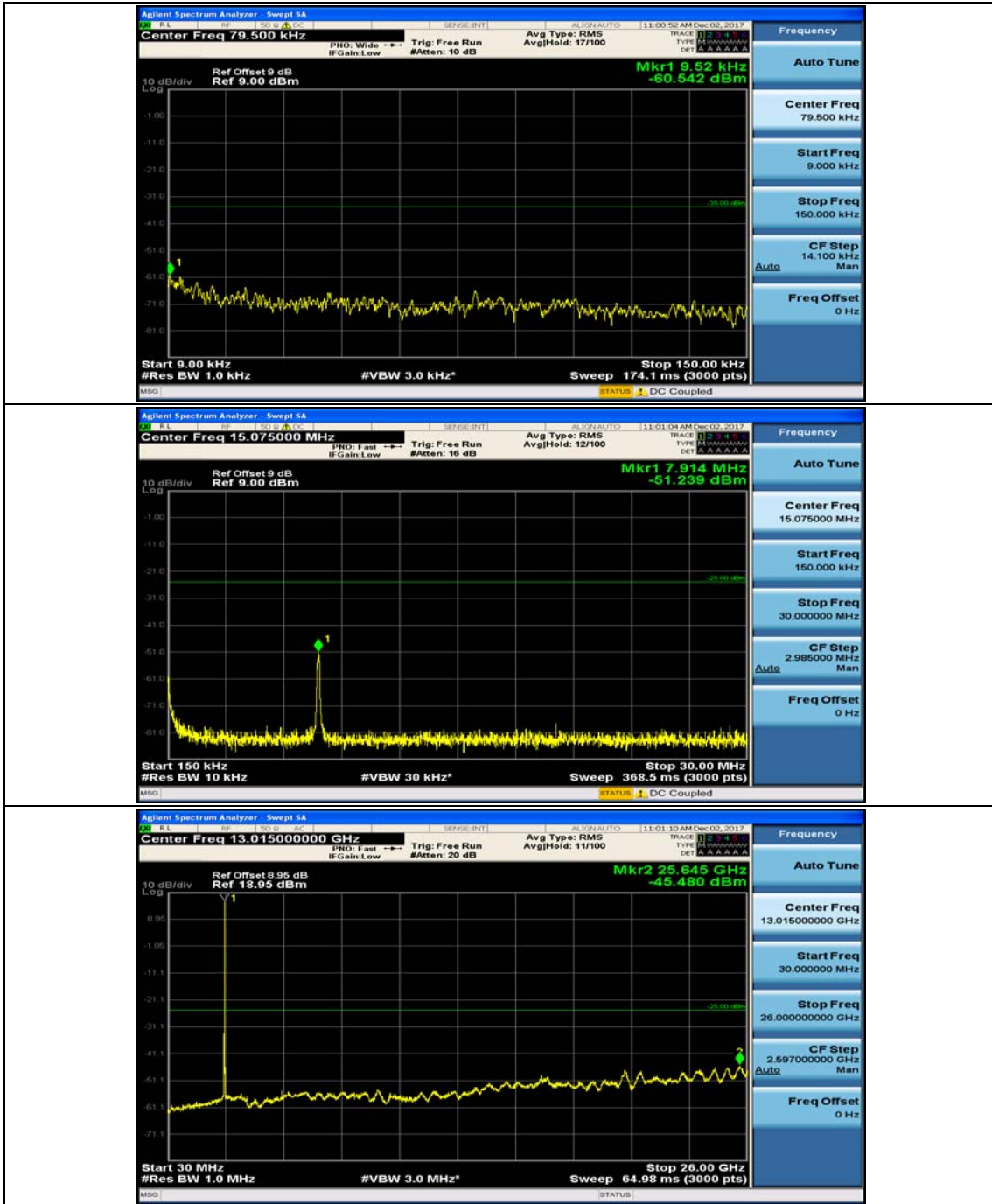


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

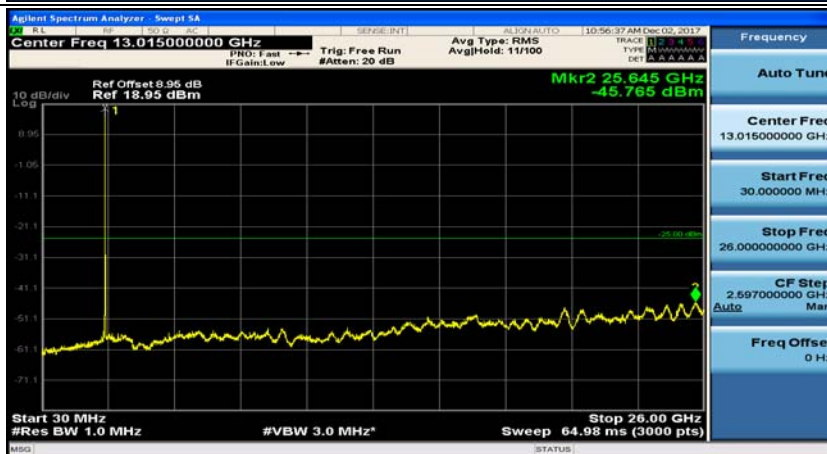
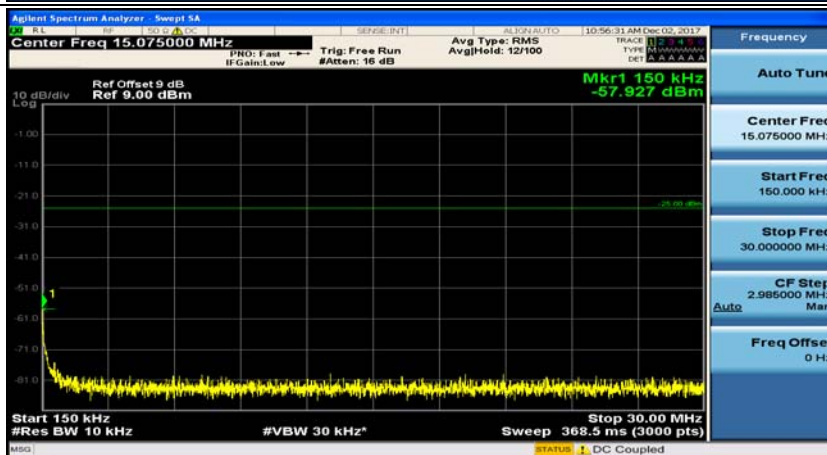
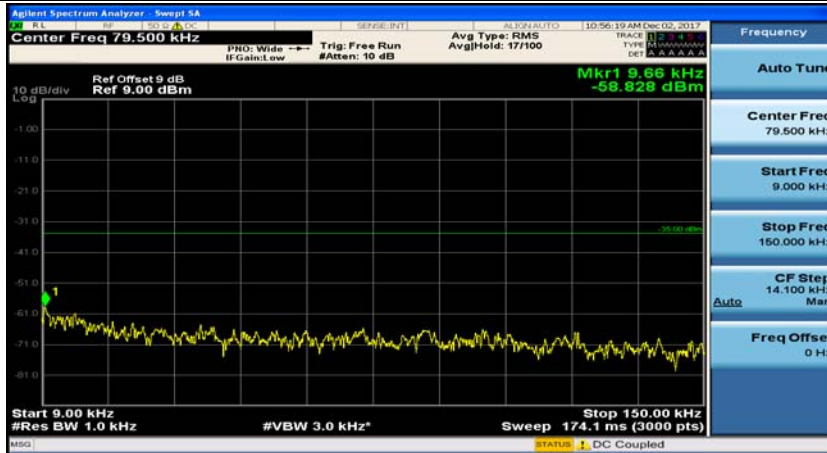


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

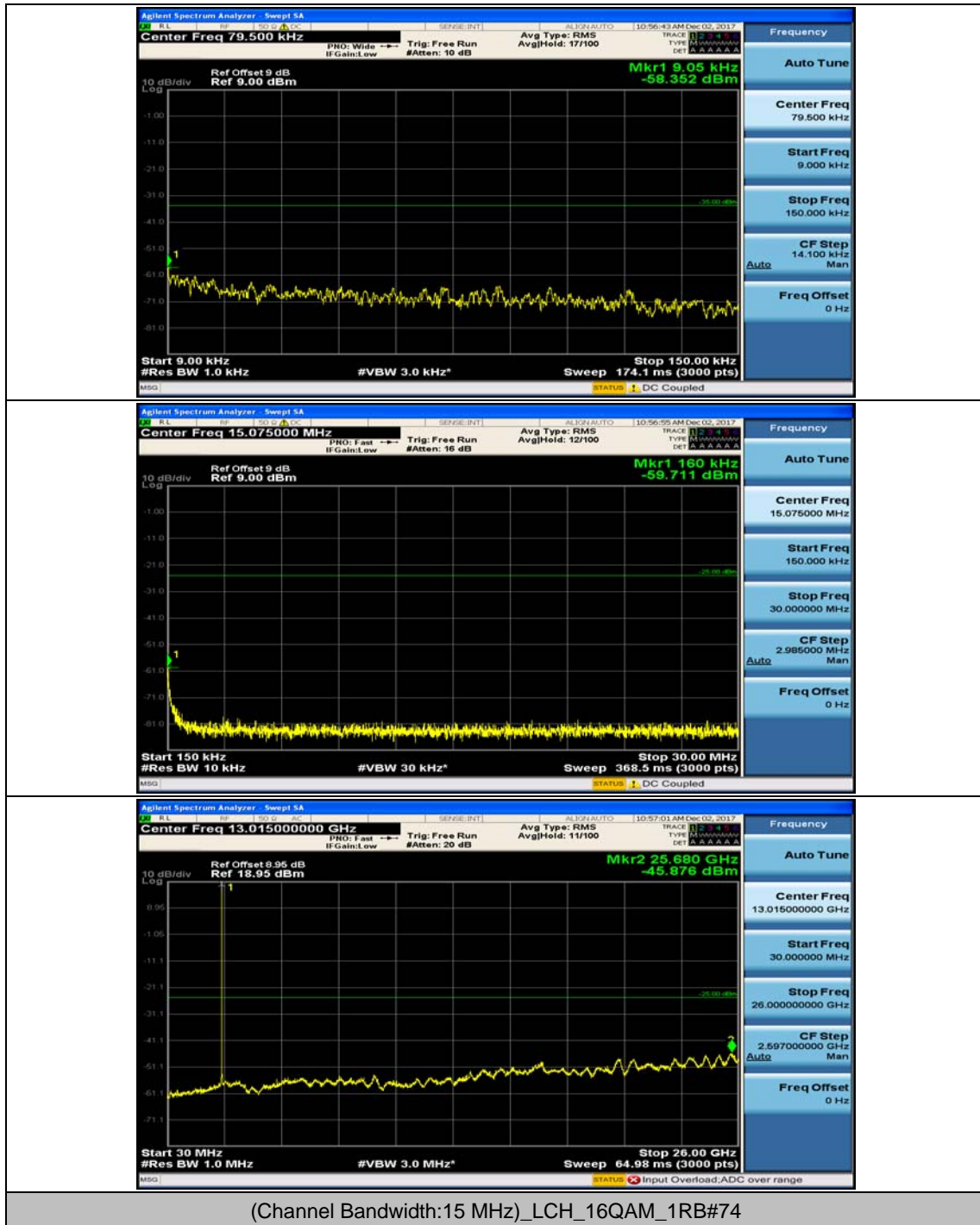


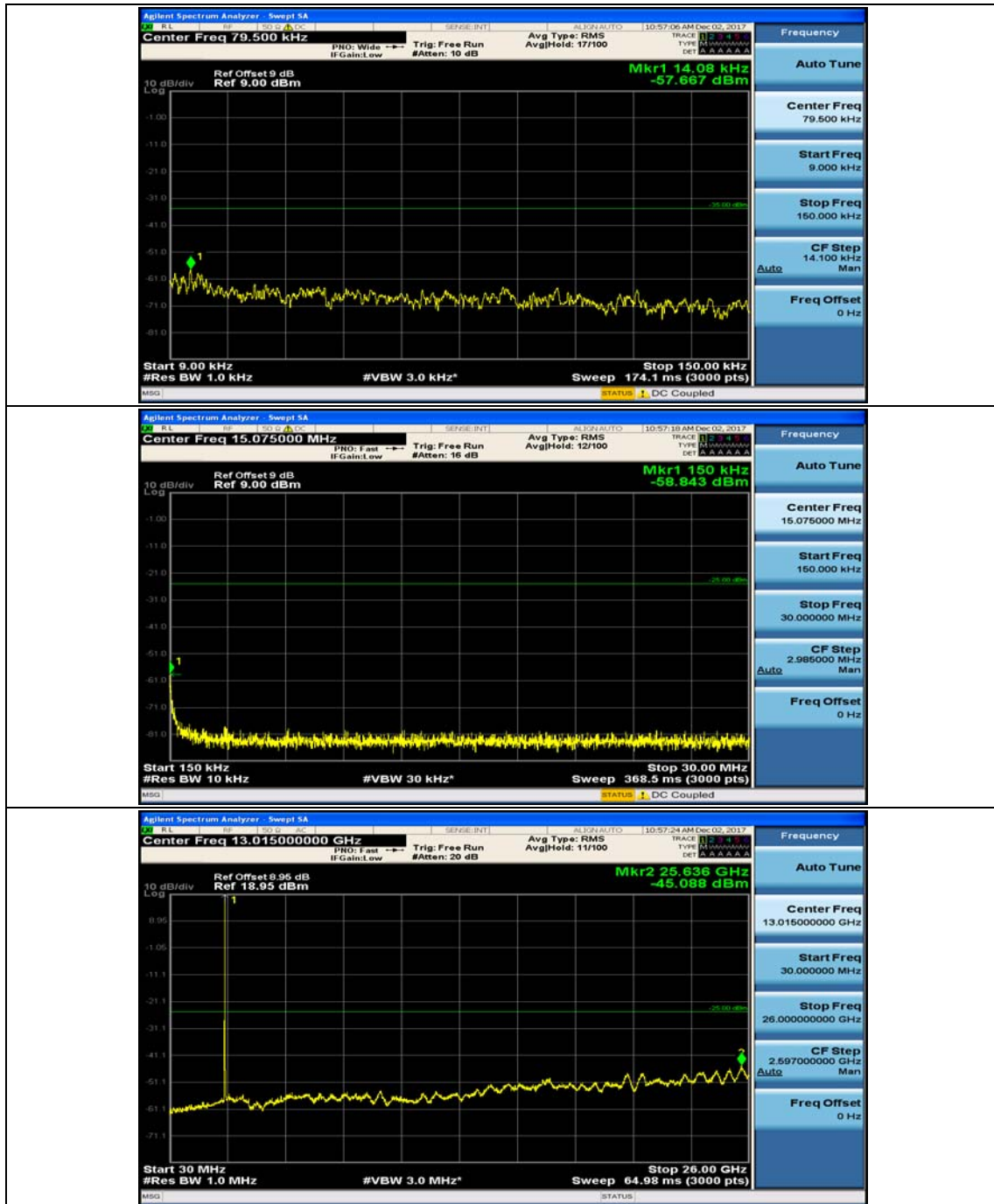


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

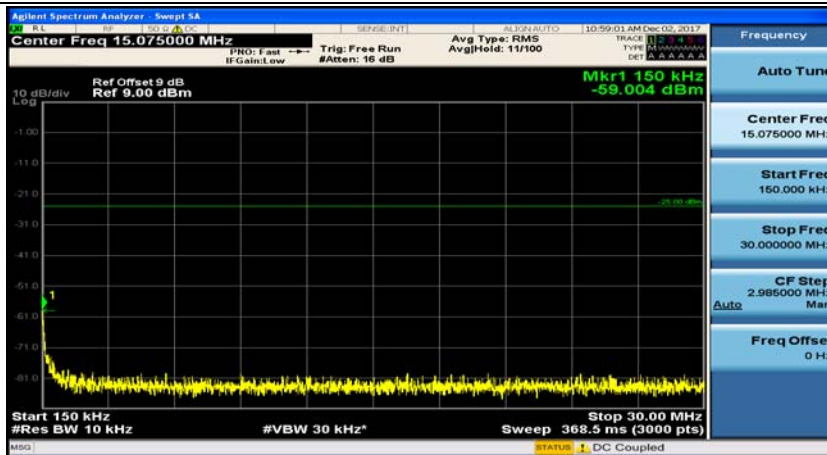
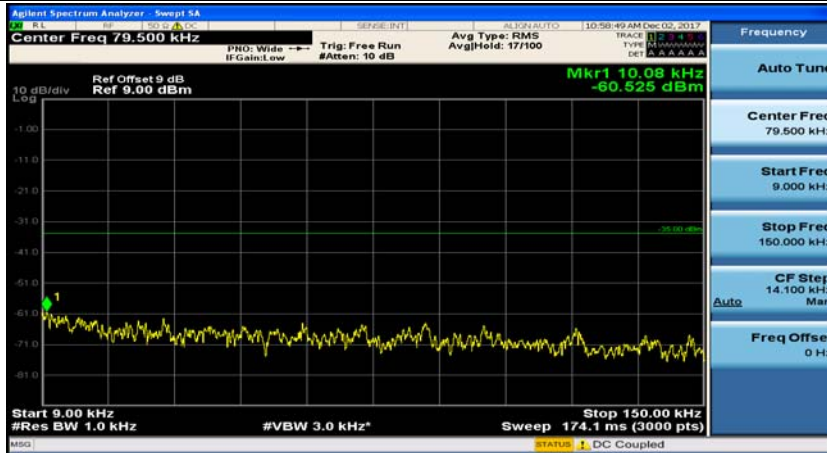


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

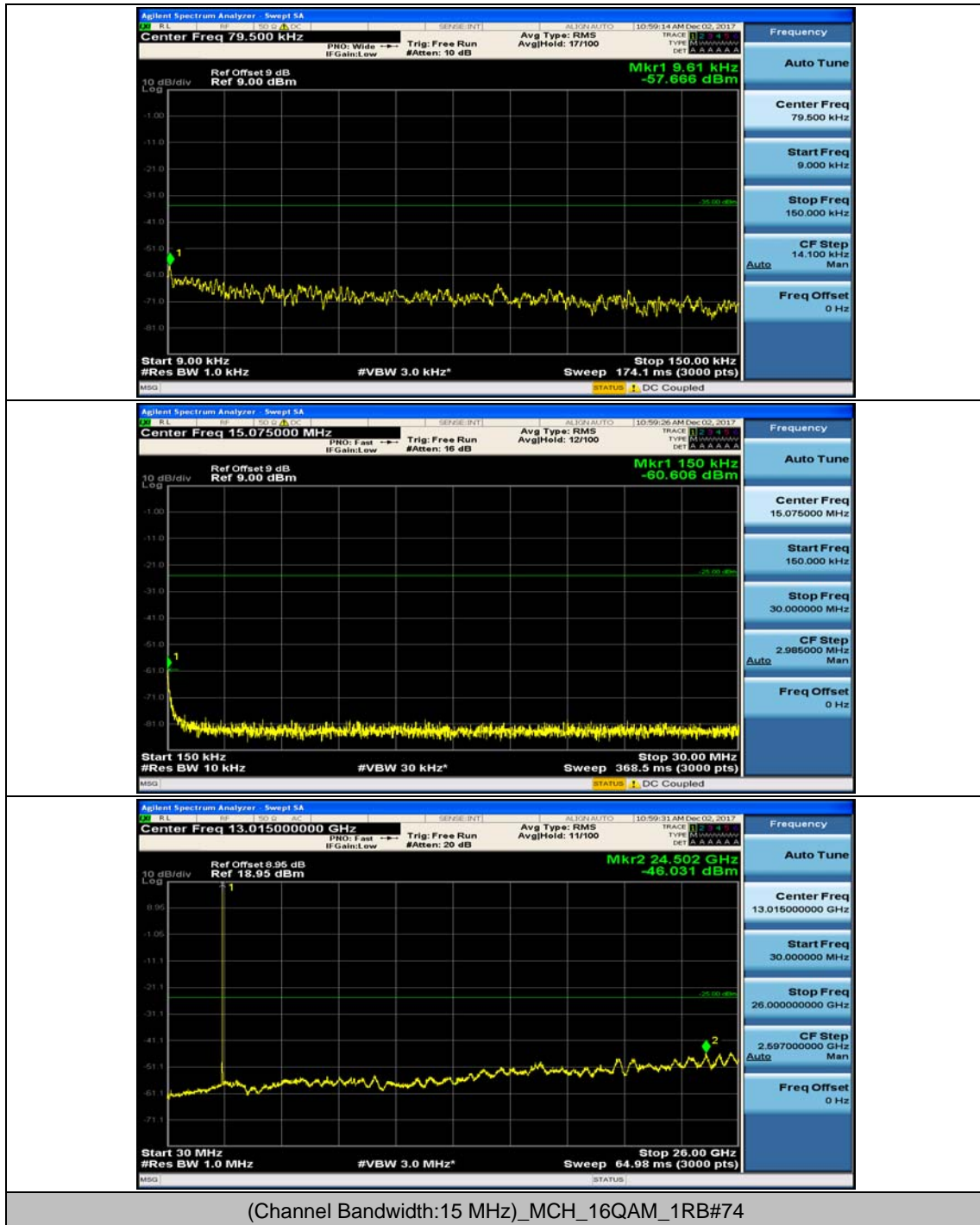


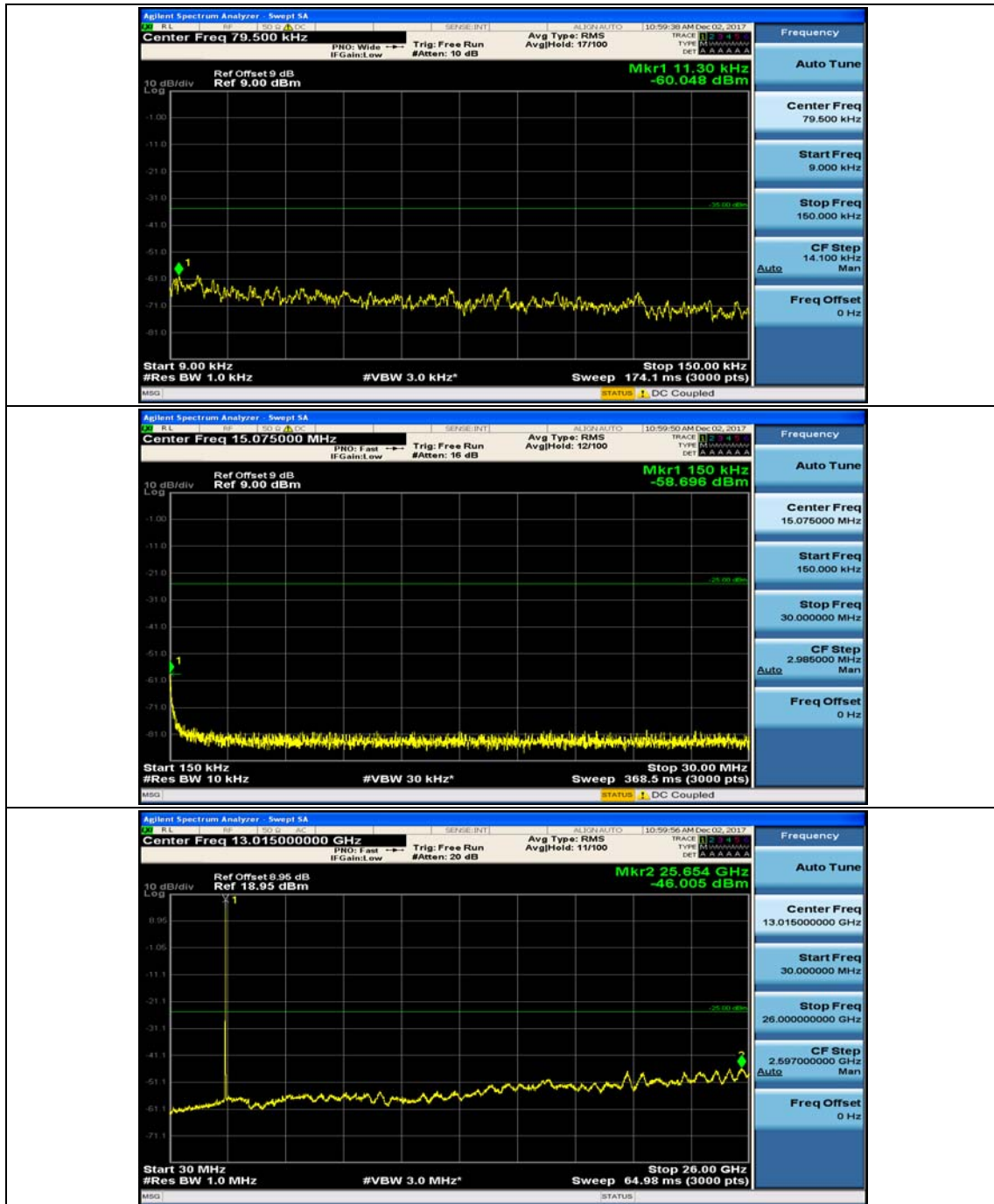


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

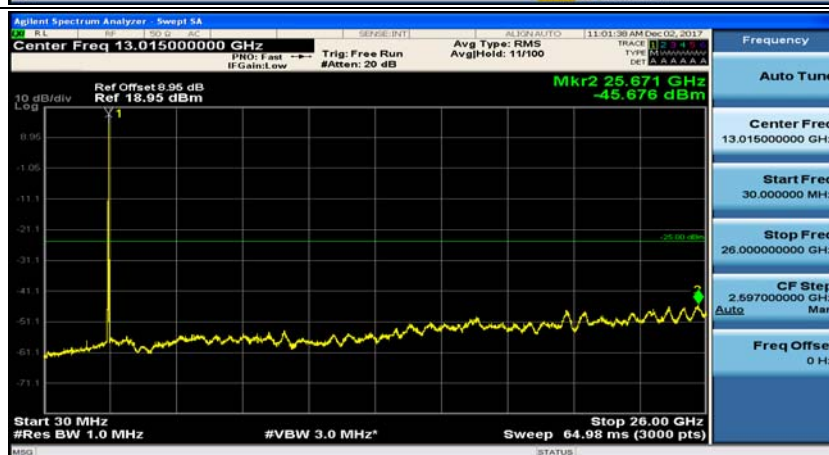
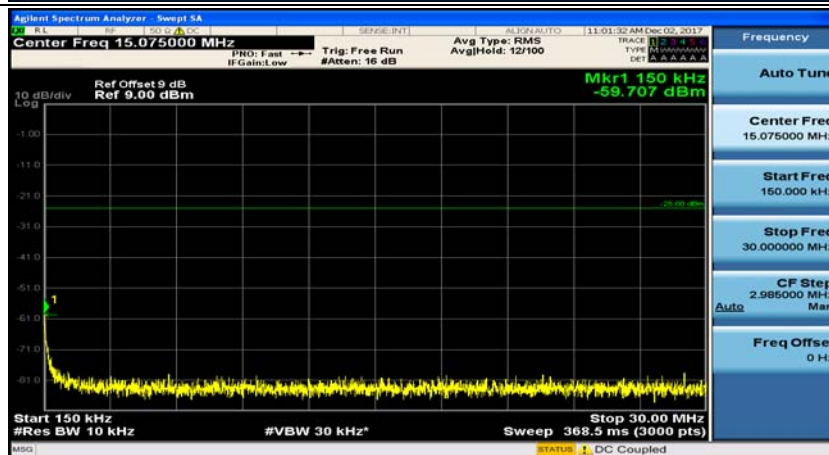
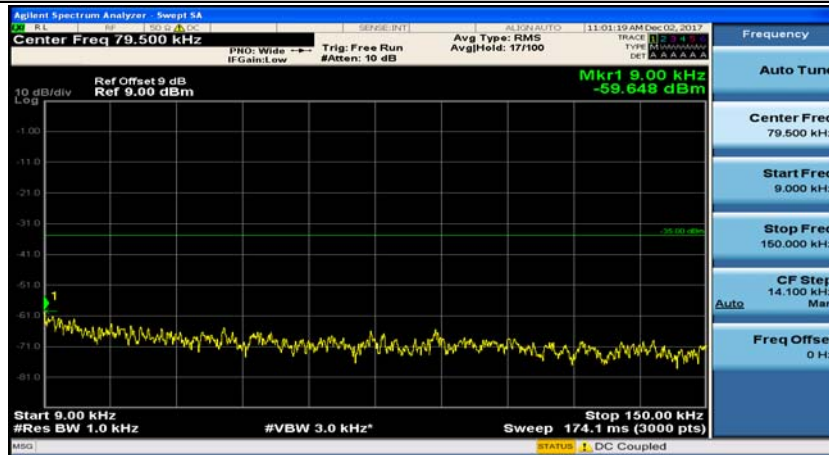


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

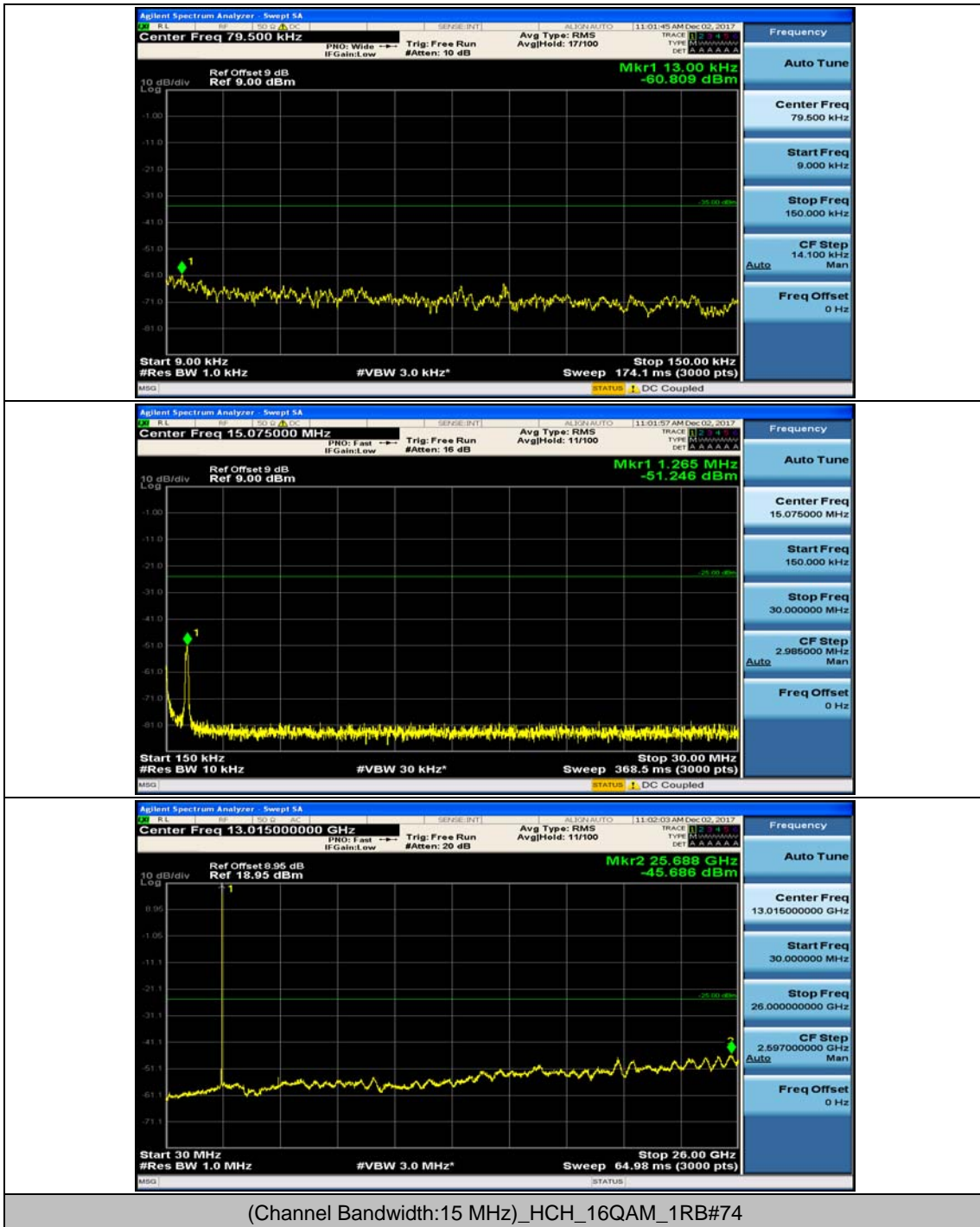


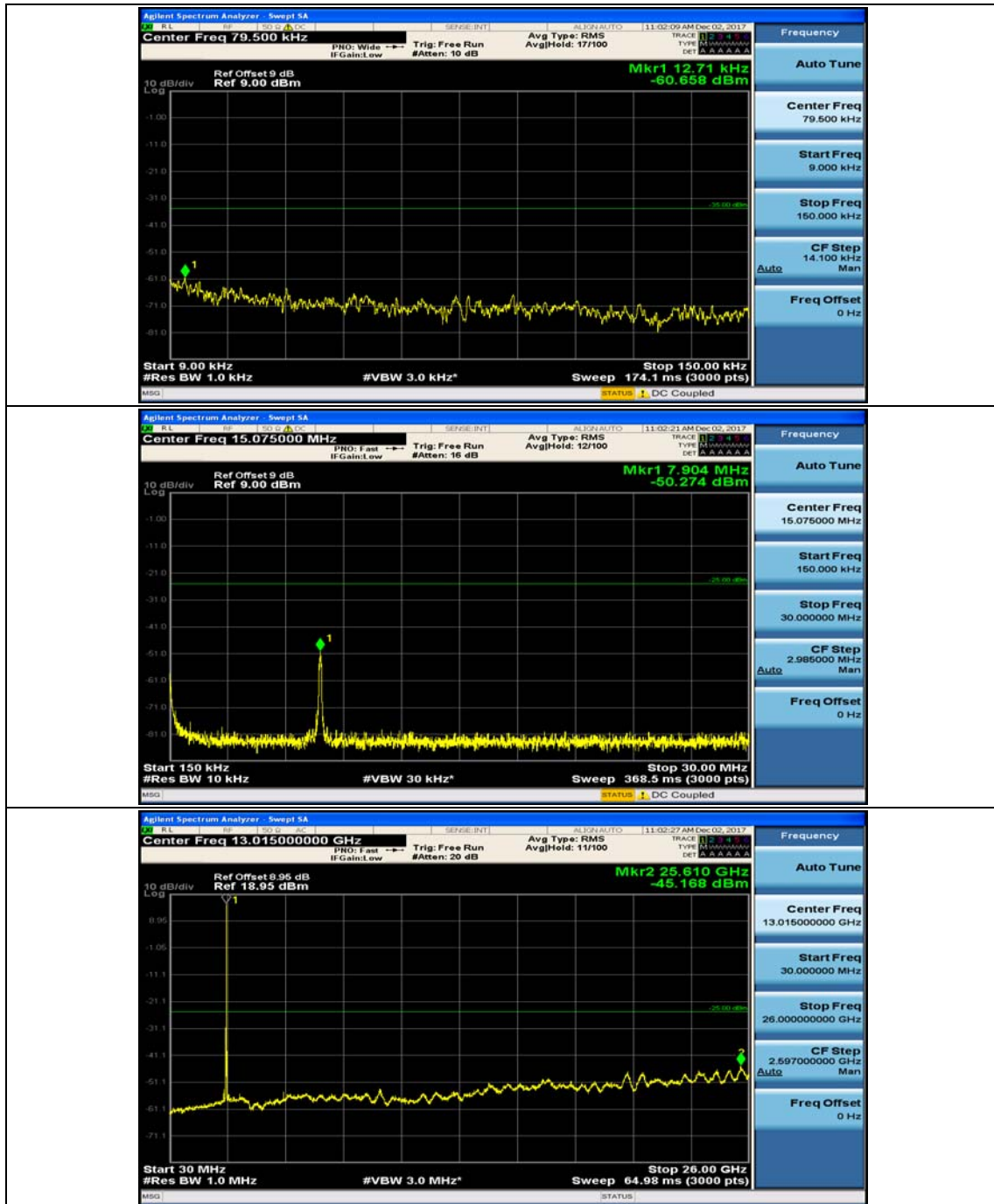


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

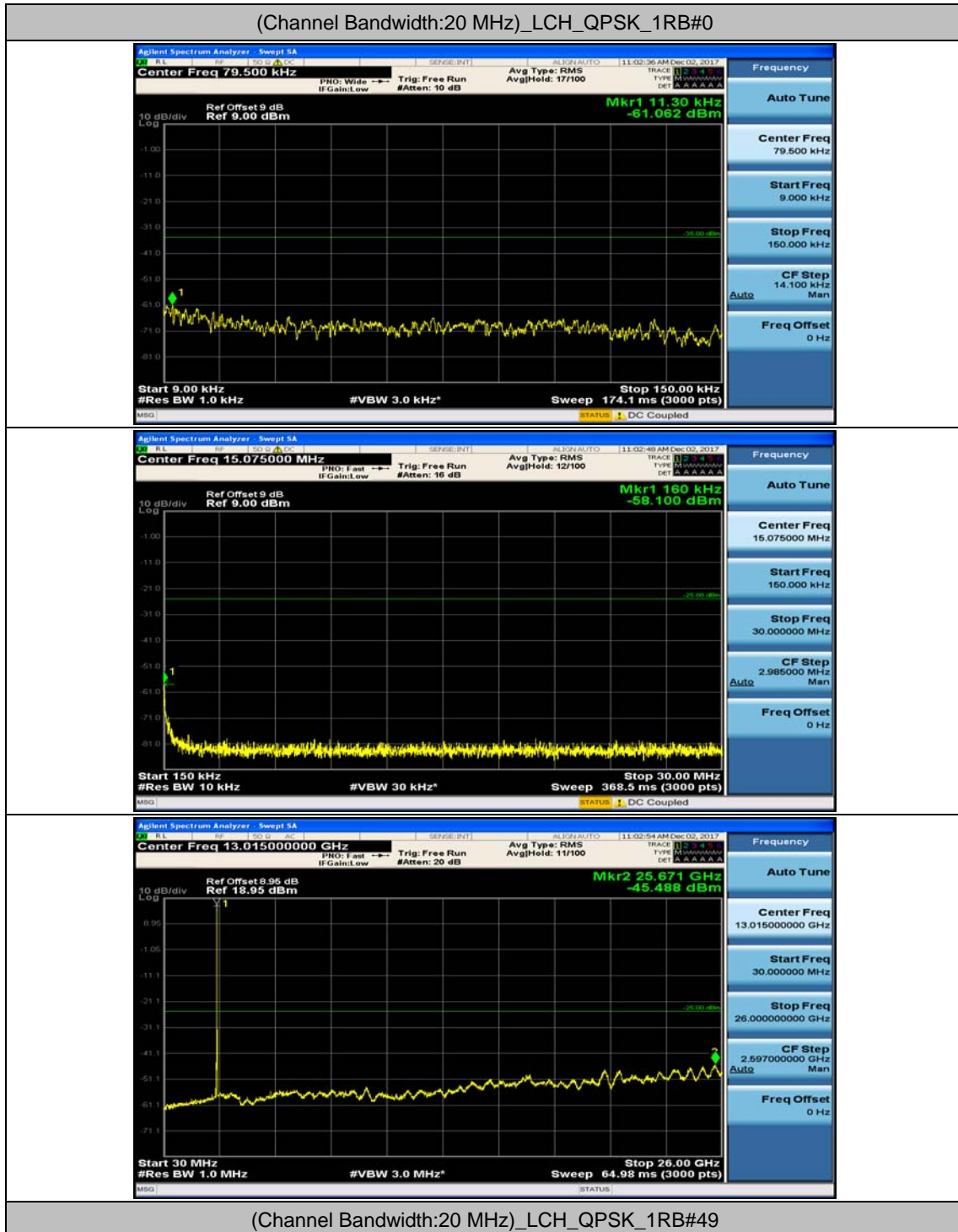


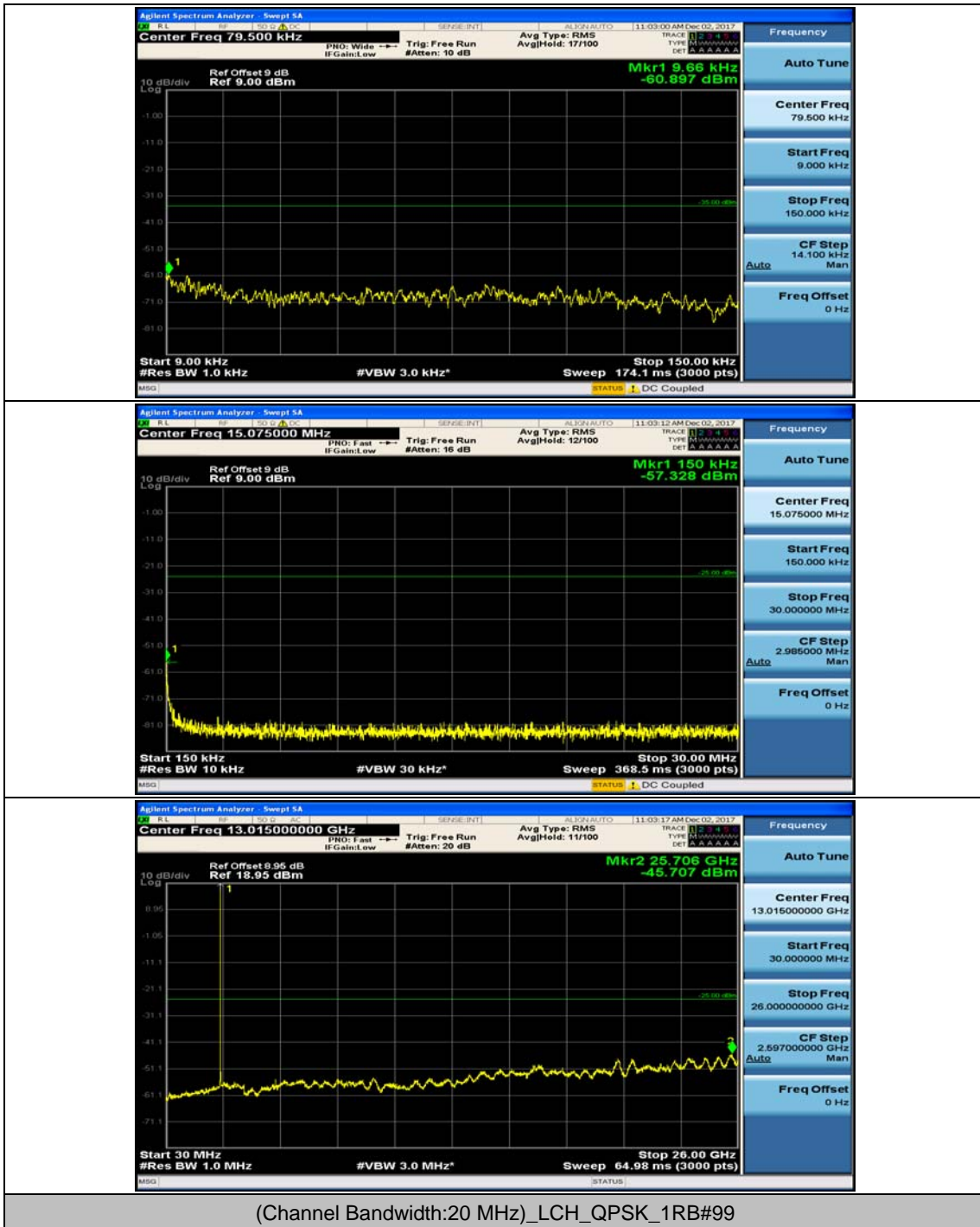
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

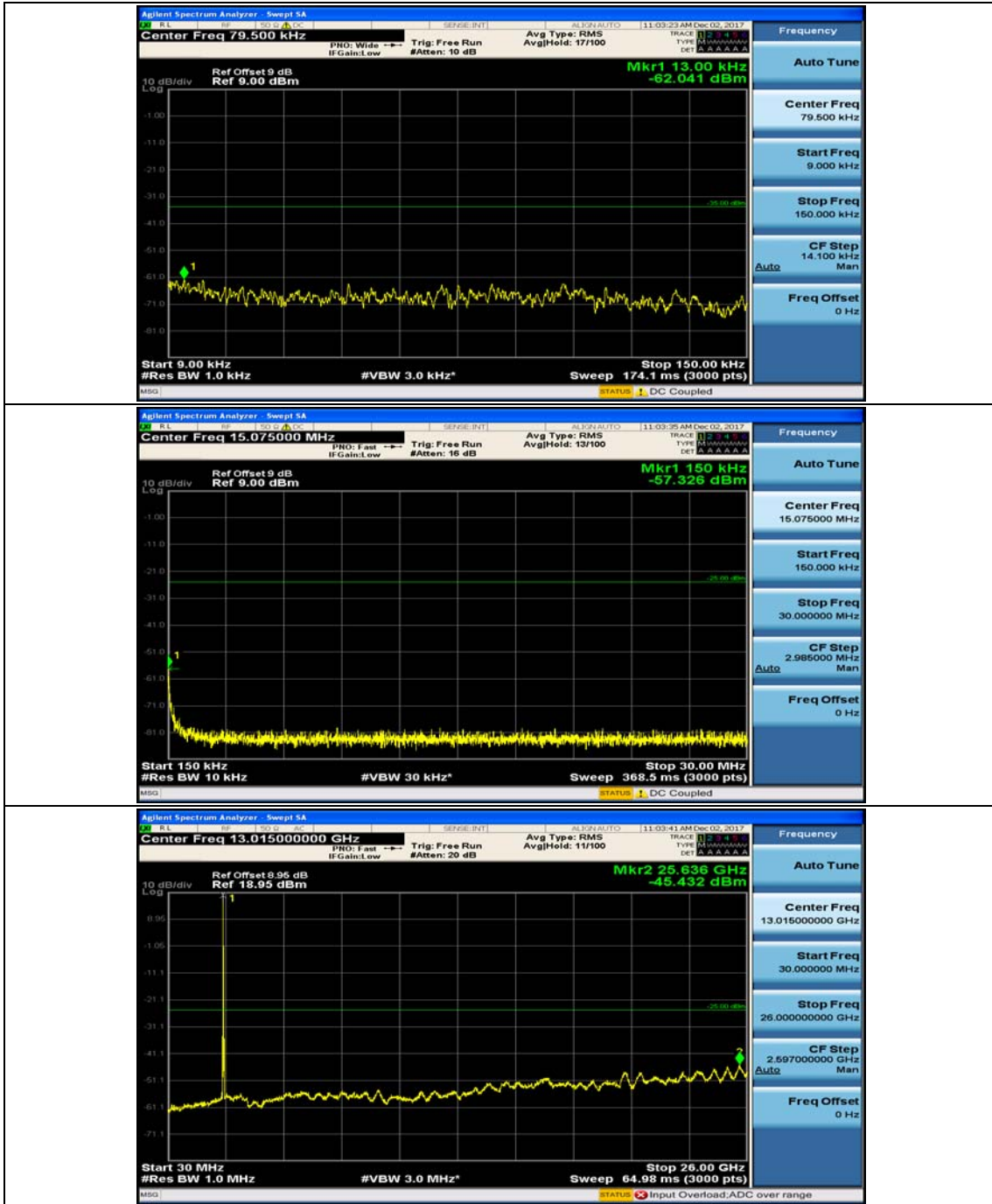




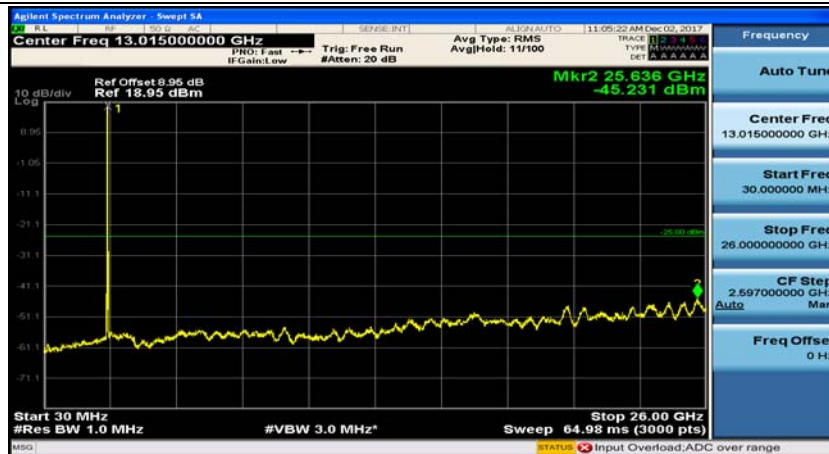
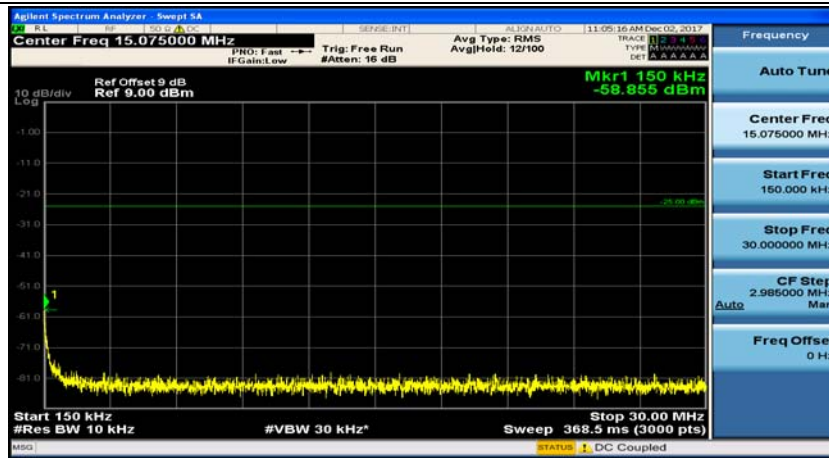
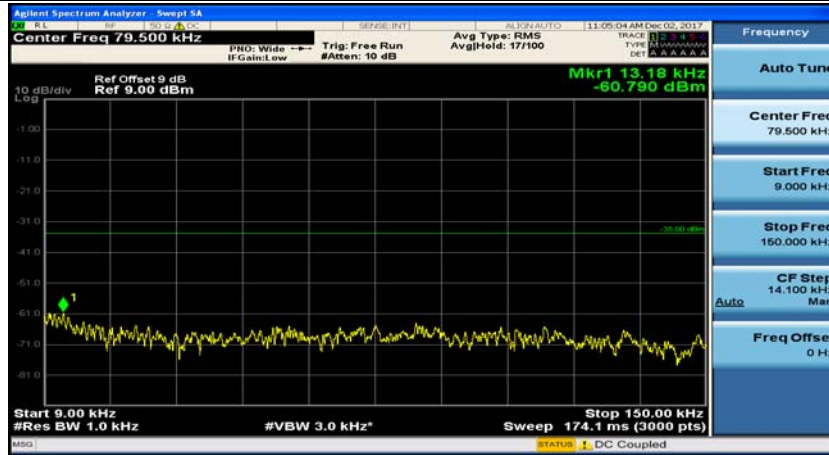
Channel Bandwidth: 20 MHz



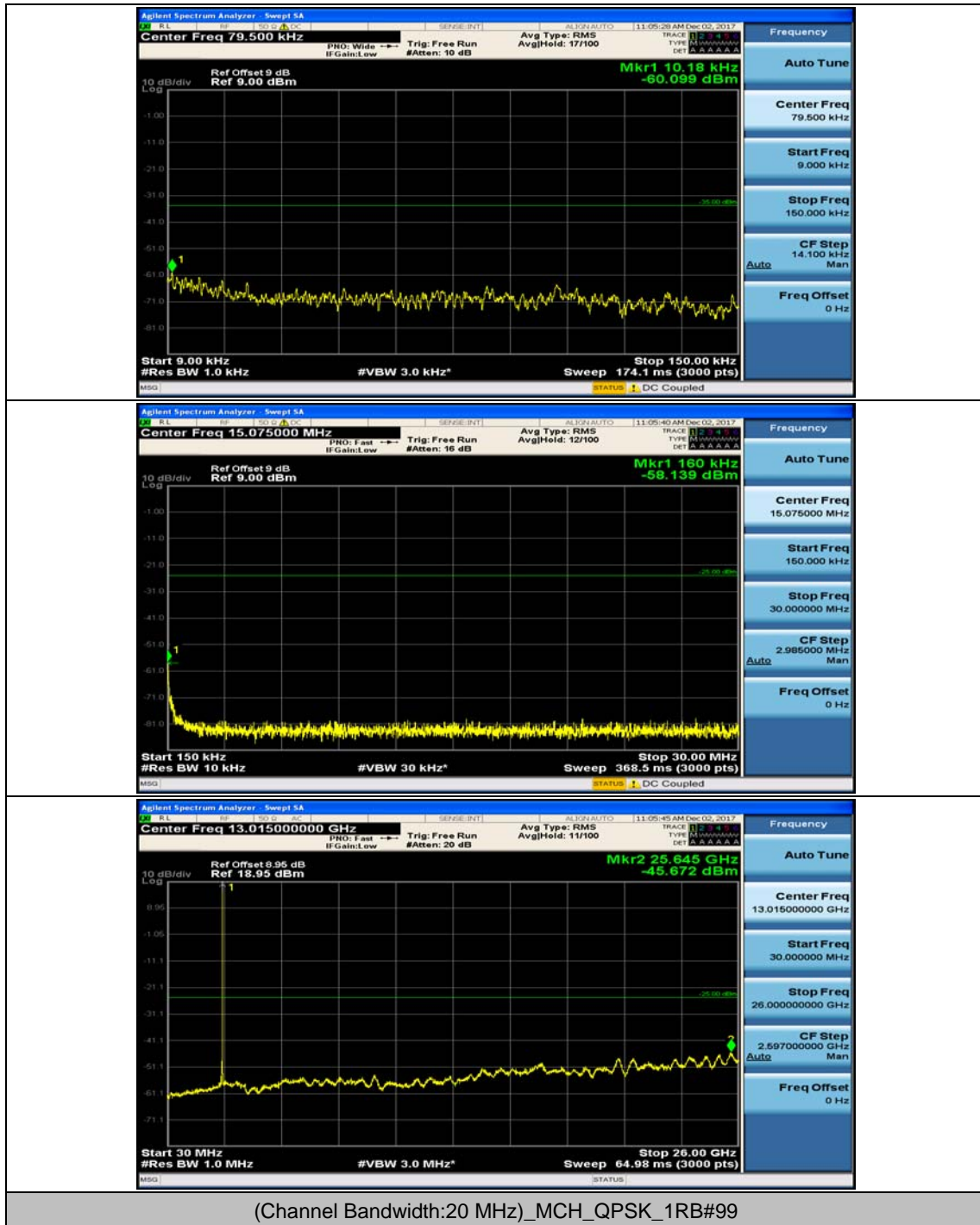


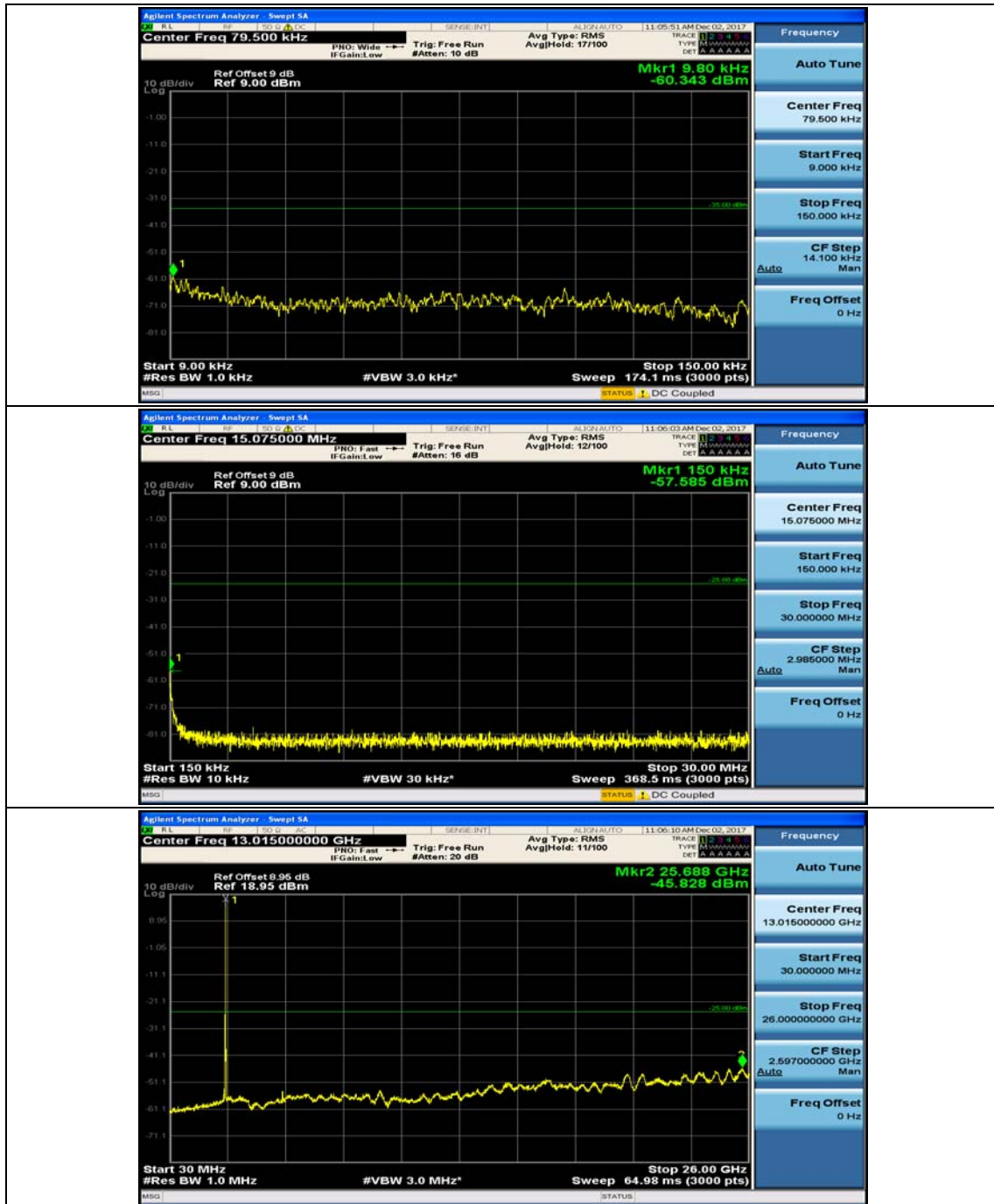


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

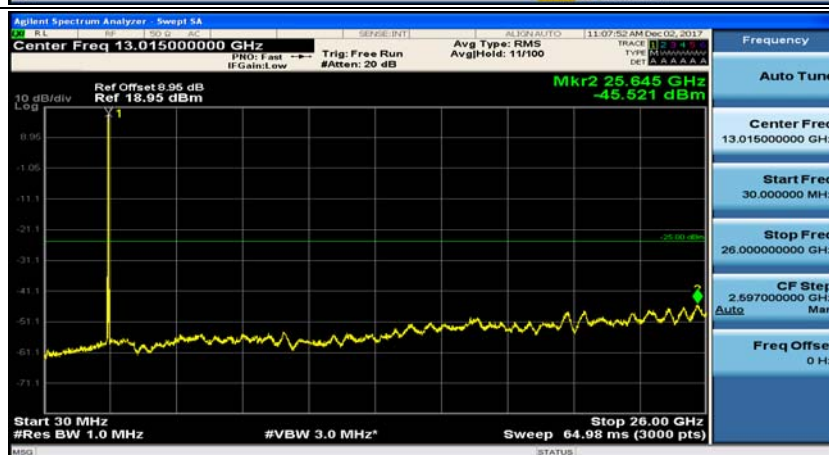
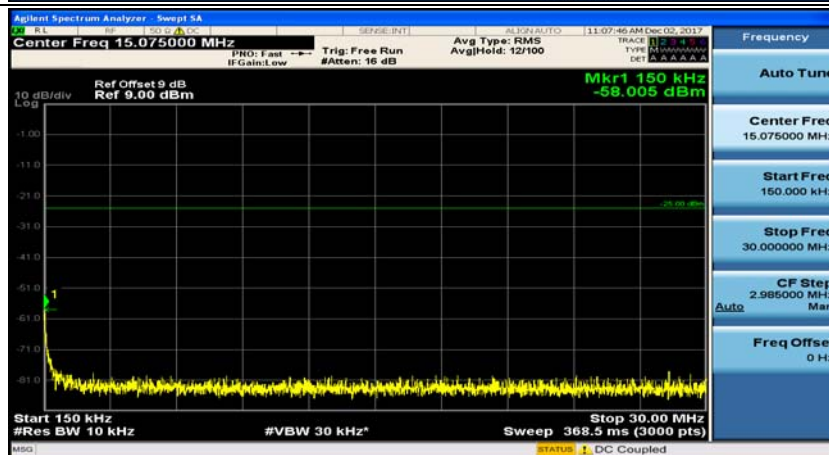


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

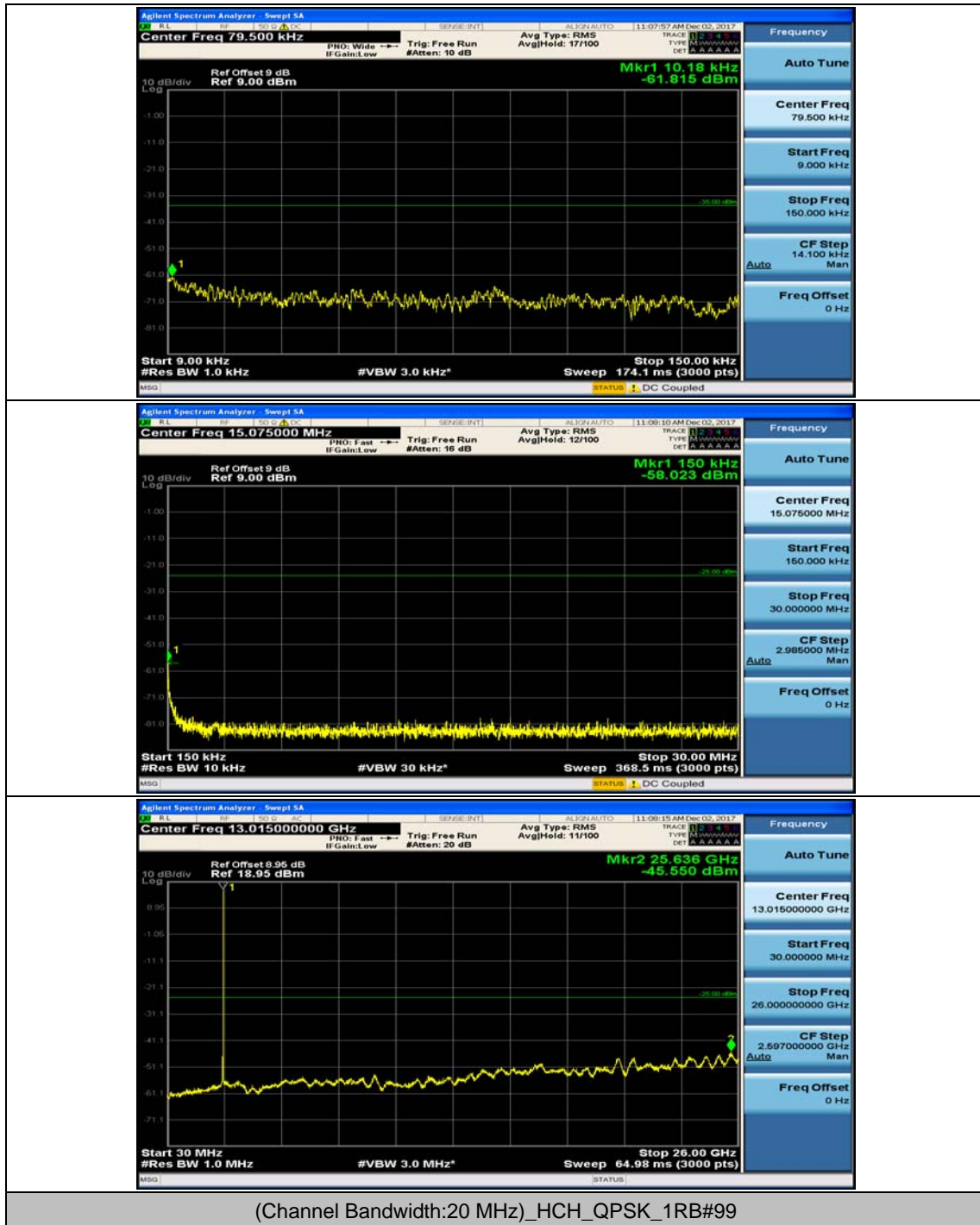


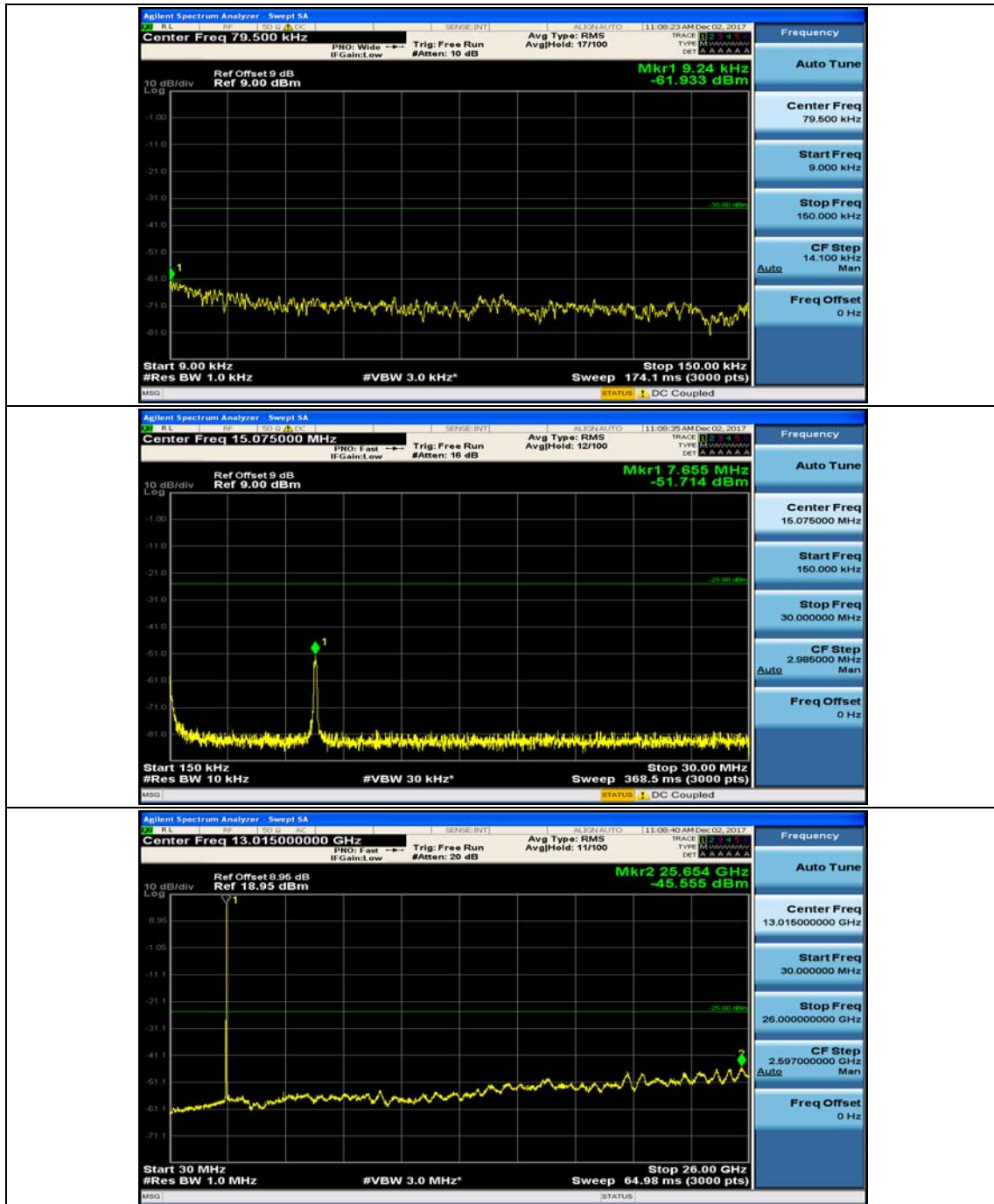


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

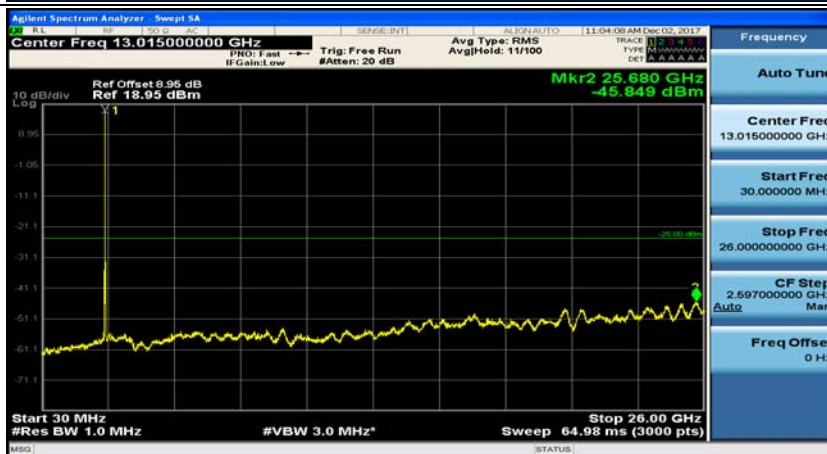
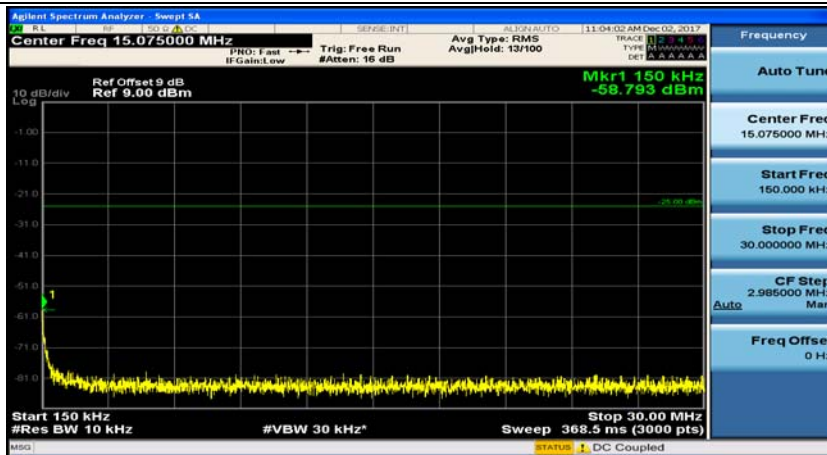
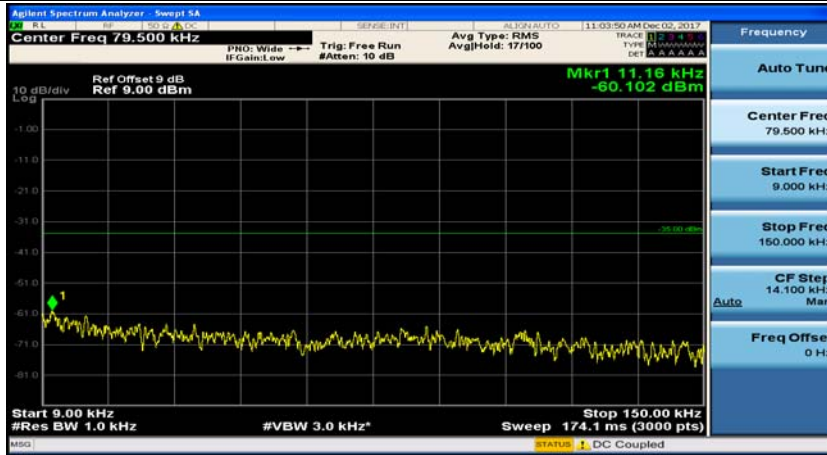


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

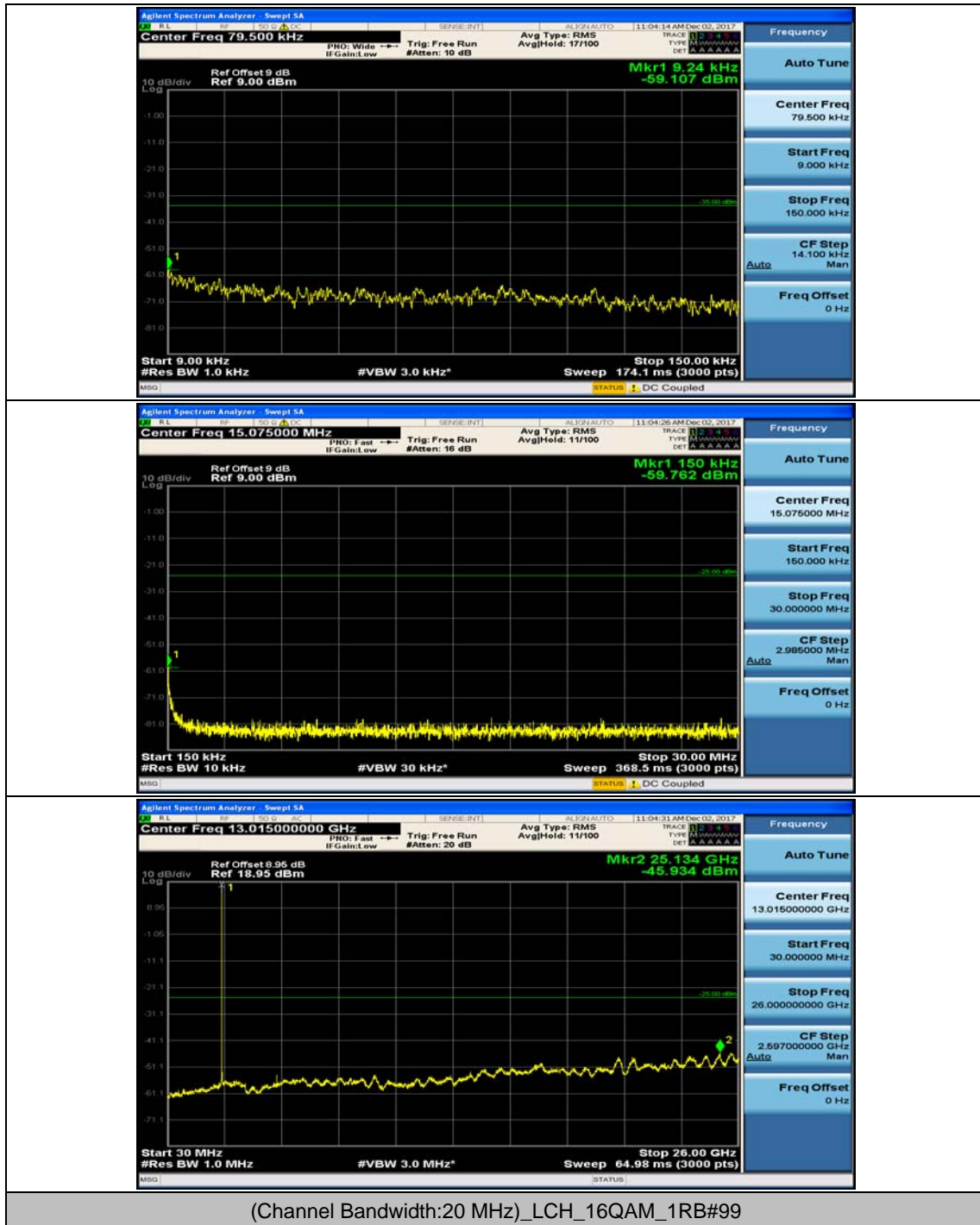


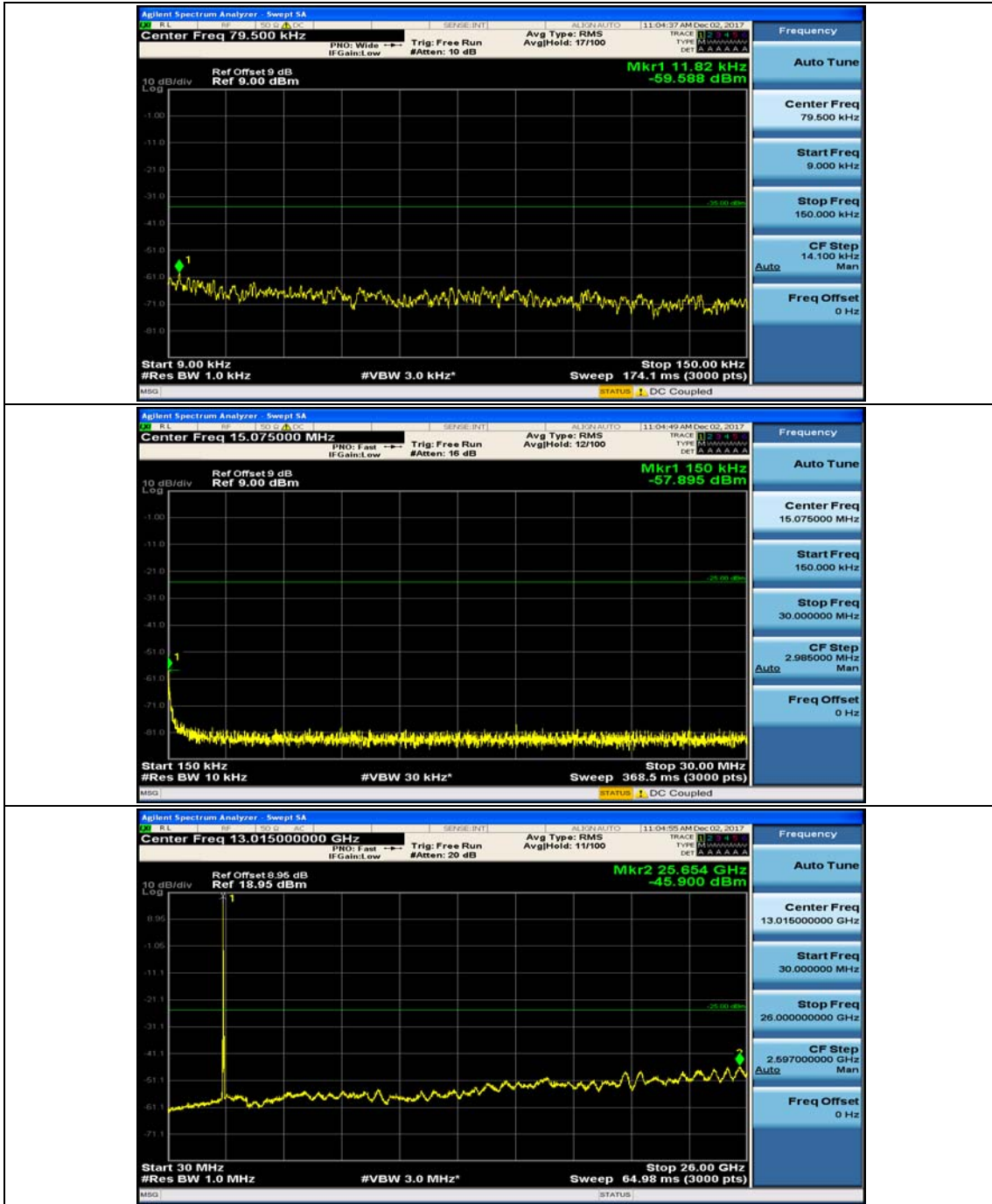


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

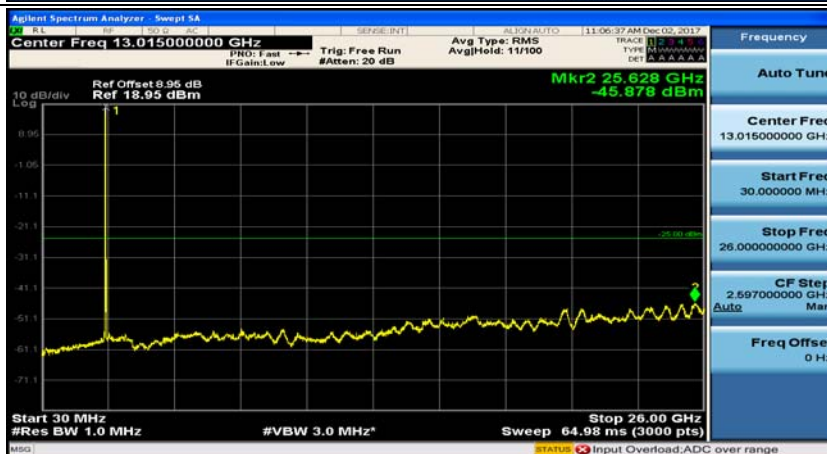
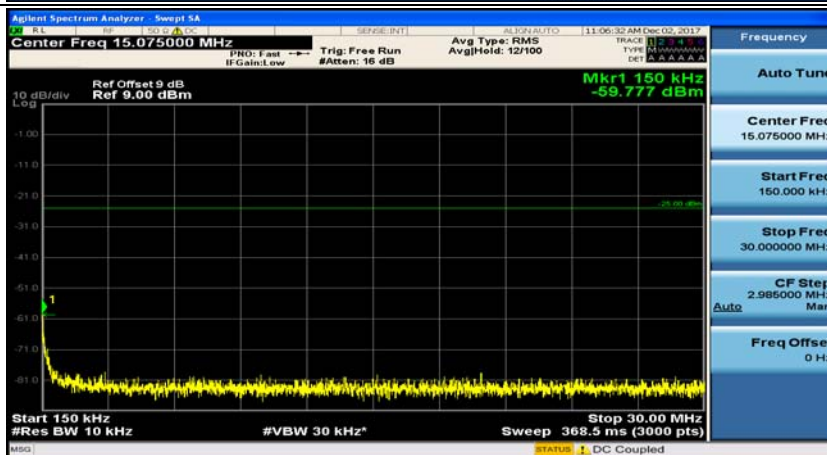
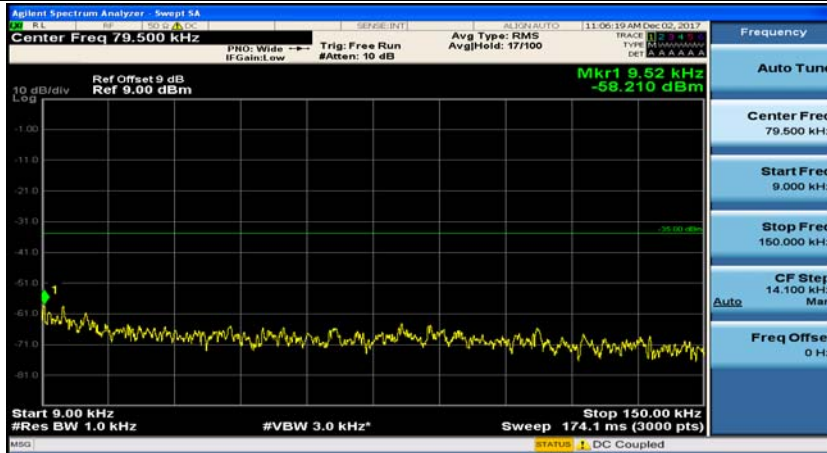


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

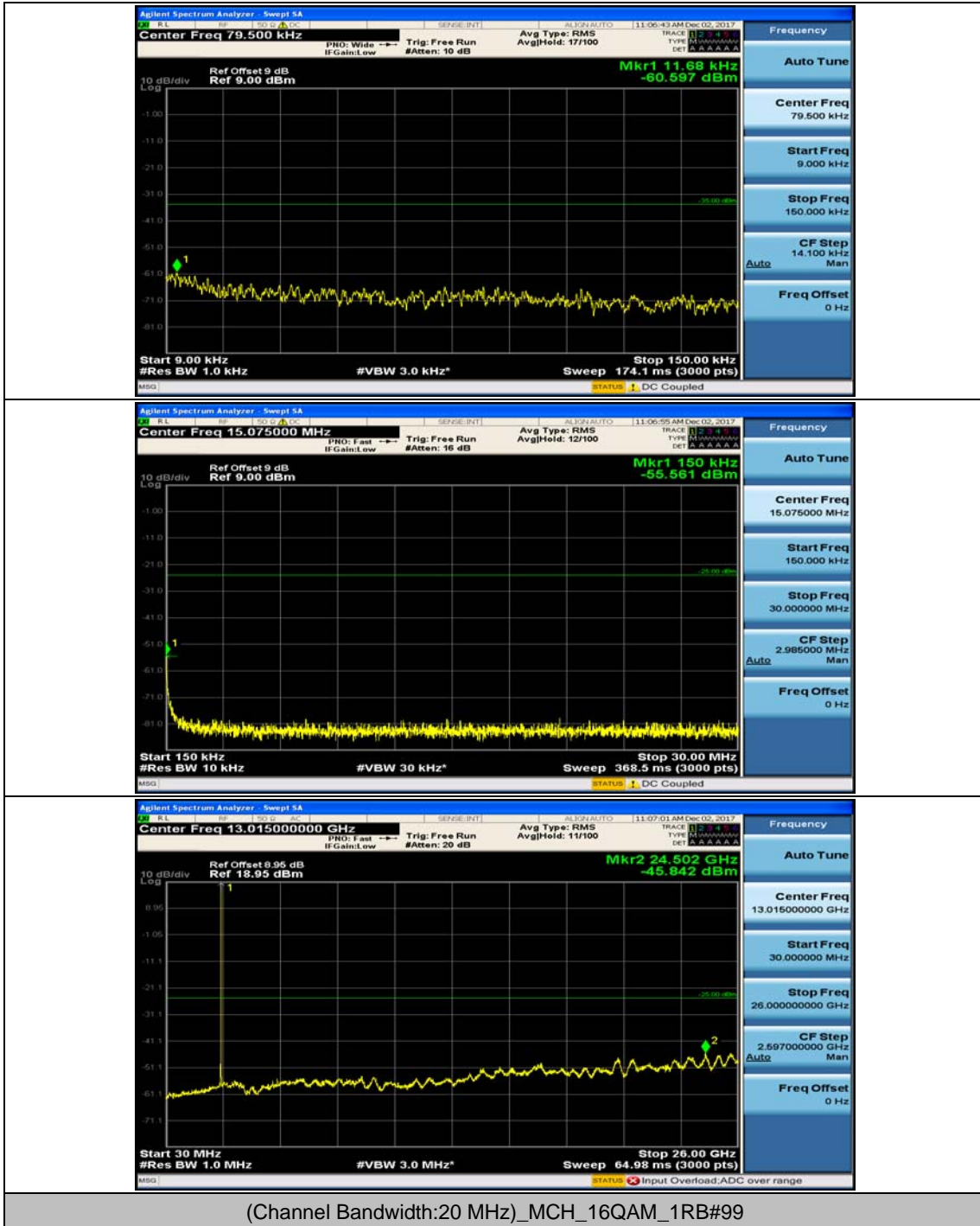


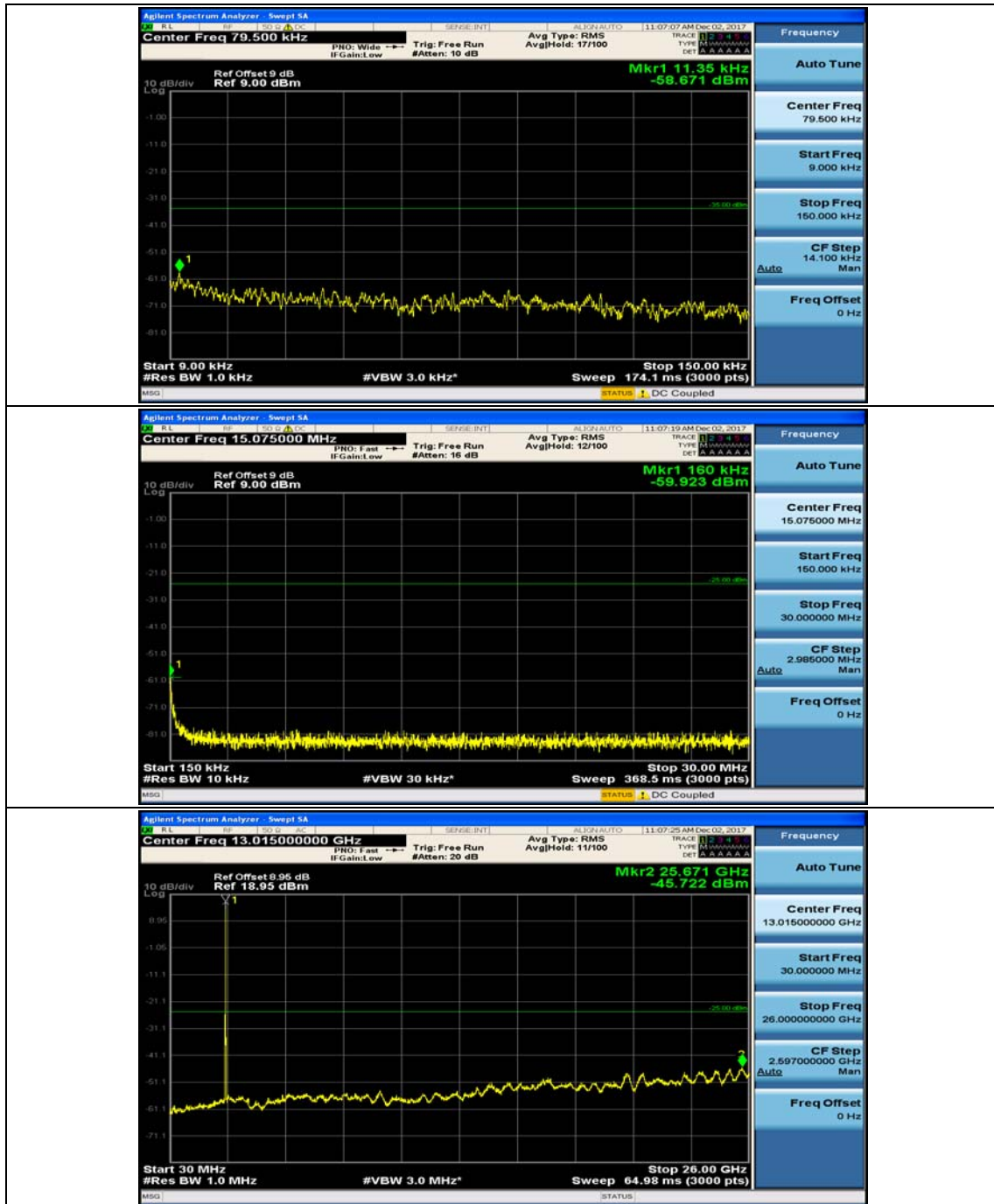


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

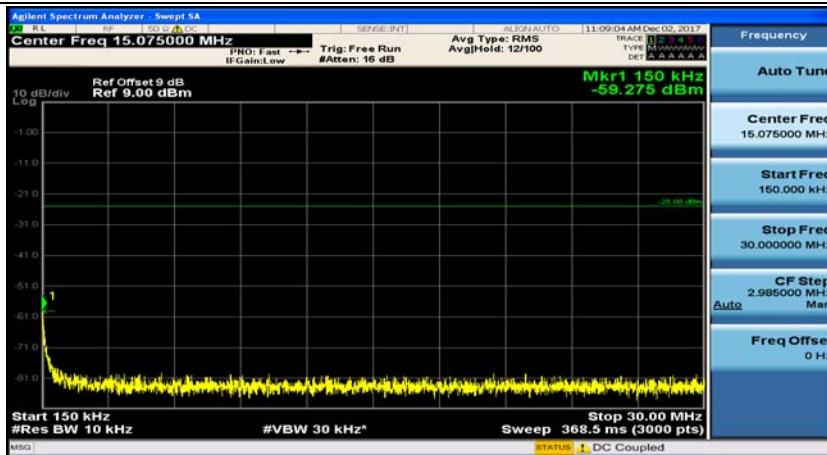
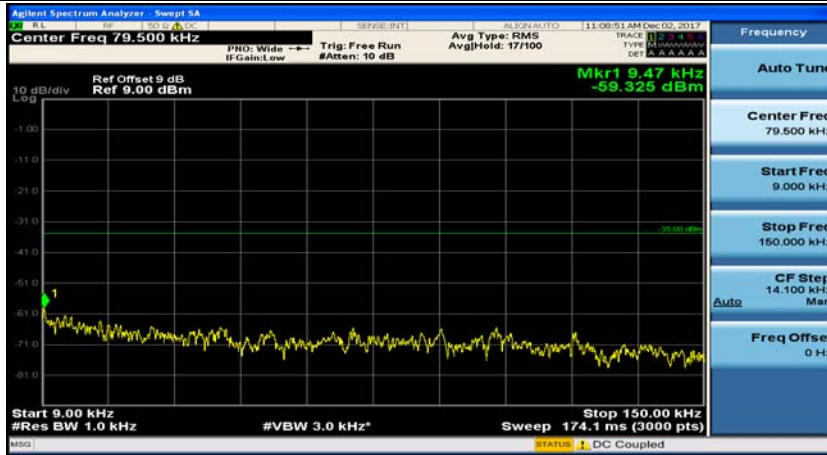


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

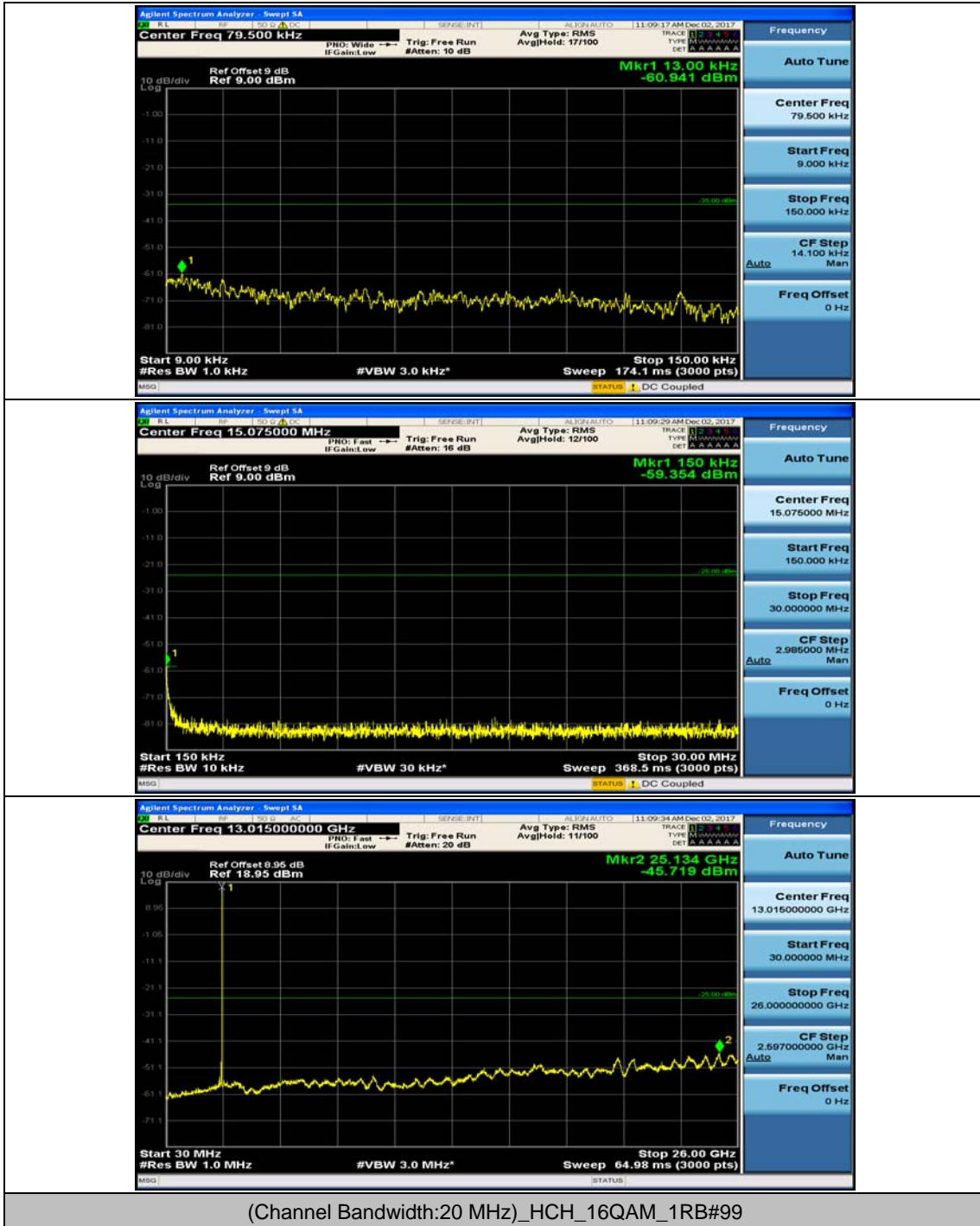


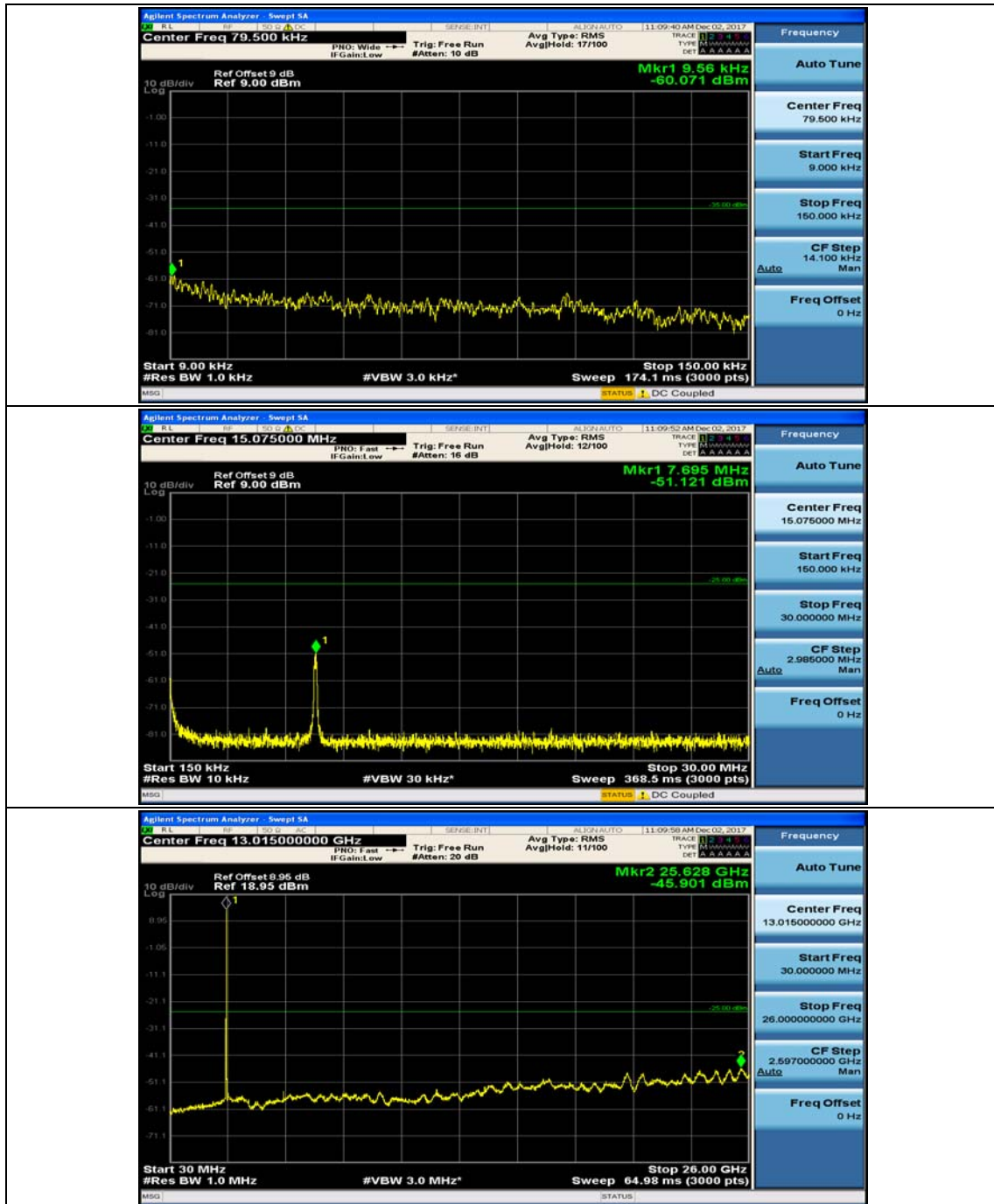


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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 | 4 | 0.001598 | ± 2.5 | PASS |
| | | VN | TN | -1.88 | -0.000751 | ± 2.5 | PASS |
| | | VH | TN | 2.52 | 0.001007 | ± 2.5 | PASS |
| | MCH | VL | TN | 3.81 | 0.001503 | ± 2.5 | PASS |
| | | VN | TN | 2.08 | 0.000821 | ± 2.5 | PASS |
| | | VH | TN | 1.79 | 0.000706 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.47 | 0.000183 | ± 2.5 | PASS |
| | | VN | TN | 2.58 | 0.001005 | ± 2.5 | PASS |
| | | VH | TN | 3.04 | 0.001184 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 3.03 | 0.001211 | ± 2.5 | PASS |
| | | VN | TN | 0.94 | 0.000376 | ± 2.5 | PASS |
| | | VH | TN | 2.83 | 0.001131 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.27 | 0.001684 | ± 2.5 | PASS |
| | | VN | TN | 2.2 | 0.000868 | ± 2.5 | PASS |
| | | VH | TN | -1.1 | -0.000434 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.98 | 0.000382 | ± 2.5 | PASS |
| | | VN | TN | 3.69 | 0.001437 | ± 2.5 | PASS |
| | | VH | TN | -0.49 | -0.000191 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 0.87 | 0.000348 | ± 2.5 | PASS |
| | | VN | -20 | -0.18 | -0.000072 | ± 2.5 | PASS |
| | | VN | -10 | 2.94 | 0.001175 | ± 2.5 | PASS |
| | | VN | 0 | 1.88 | 0.000751 | ± 2.5 | PASS |
| | | VN | 10 | 3.07 | 0.001227 | ± 2.5 | PASS |
| | | VN | 20 | 2.5 | 0.000999 | ± 2.5 | PASS |
| | | VN | 30 | 4.77 | 0.001906 | ± 2.5 | PASS |
| | | VN | 40 | 0.88 | 0.000352 | ± 2.5 | PASS |
| | | VN | 50 | -0.29 | -0.000116 | ± 2.5 | PASS |
| | MCH | VN | -30 | 2.94 | 0.001160 | ± 2.5 | PASS |
| | | VN | -20 | 2.91 | 0.001148 | ± 2.5 | PASS |

| | | | | | | | | |
|-----|-------|------|-----------|-----------|-----------|-----------|-------|------|
| | | VN | -10 | 2.48 | 0.000978 | ± 2.5 | PASS | |
| | | VN | 0 | 2.15 | 0.000848 | ± 2.5 | PASS | |
| | | VN | 10 | -0.84 | -0.000331 | ± 2.5 | PASS | |
| | | VN | 20 | -1.82 | -0.000718 | ± 2.5 | PASS | |
| | | VN | 30 | 3.1 | 0.001223 | ± 2.5 | PASS | |
| | | VN | 40 | -1.83 | -0.000722 | ± 2.5 | PASS | |
| | | VN | 50 | 0.83 | 0.000327 | ± 2.5 | PASS | |
| | HCH | VN | -30 | 3.63 | 0.001414 | ± 2.5 | PASS | |
| | | VN | -20 | 3.78 | 0.001472 | ± 2.5 | PASS | |
| | | VN | -10 | -1.91 | -0.000744 | ± 2.5 | PASS | |
| | | VN | 0 | -1.35 | -0.000526 | ± 2.5 | PASS | |
| | | VN | 10 | 0 | 0.000000 | ± 2.5 | PASS | |
| | | VN | 20 | 1.76 | 0.000685 | ± 2.5 | PASS | |
| | | VN | 30 | -1.09 | -0.000425 | ± 2.5 | PASS | |
| | 16QAM | LCH | VN | 40 | -0.59 | -0.000230 | ± 2.5 | PASS |
| | | | VN | 50 | 2.21 | 0.000861 | ± 2.5 | PASS |
| | | | VN | -30 | 4.64 | 0.001854 | ± 2.5 | PASS |
| | | | VN | -20 | -1.45 | -0.000579 | ± 2.5 | PASS |
| VN | | | -10 | 0.67 | 0.000268 | ± 2.5 | PASS | |
| VN | | | 0 | 3.21 | 0.001283 | ± 2.5 | PASS | |
| VN | | | 10 | 0.58 | 0.000232 | ± 2.5 | PASS | |
| VN | | | 20 | 1.37 | 0.000547 | ± 2.5 | PASS | |
| VN | | | 30 | -1.38 | -0.000551 | ± 2.5 | PASS | |
| MCH | | VN | 40 | 4.13 | 0.001650 | ± 2.5 | PASS | |
| | | VN | 50 | -1.27 | -0.000507 | ± 2.5 | PASS | |
| | | VN | -30 | 1.25 | 0.000493 | ± 2.5 | PASS | |
| | | VN | -20 | 4.91 | 0.001937 | ± 2.5 | PASS | |
| | | VN | -10 | 1.11 | 0.000438 | ± 2.5 | PASS | |
| | | VN | 0 | -0.18 | -0.000071 | ± 2.5 | PASS | |
| | | VN | 10 | 1.71 | 0.000675 | ± 2.5 | PASS | |
| | | VN | 20 | 2.9 | 0.001144 | ± 2.5 | PASS | |
| | | VN | 30 | 0.72 | 0.000284 | ± 2.5 | PASS | |
| HCH | VN | 40 | 0.29 | 0.000114 | ± 2.5 | PASS | | |
| | VN | 50 | 1.06 | 0.000418 | ± 2.5 | PASS | | |
| | VN | -30 | 1.14 | 0.000444 | ± 2.5 | PASS | | |
| | VN | -20 | -0.28 | -0.000109 | ± 2.5 | PASS | | |
| | VN | -10 | 1.76 | 0.000685 | ± 2.5 | PASS | | |
| | VN | 0 | 3.25 | 0.001266 | ± 2.5 | PASS | | |
| | VN | 10 | 4.2 | 0.001636 | ± 2.5 | PASS | | |
| VN | 20 | -1.5 | -0.000584 | ± 2.5 | PASS | | | |
| VN | 30 | 4.05 | 0.001577 | ± 2.5 | PASS | | | |

| | | | | | | | |
|--|--|----|----|-------|-----------|-------|------|
| | | VN | 40 | -0.63 | -0.000245 | ± 2.5 | PASS |
| | | VN | 50 | 2.97 | 0.001157 | ± 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 | 3.32 | 0.001325 | ± 2.5 | PASS |
| | | VN | TN | 0.49 | 0.000196 | ± 2.5 | PASS |
| | | VH | TN | 1.24 | 0.000495 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.45 | -0.000572 | ± 2.5 | PASS |
| | | VN | TN | 0.48 | 0.000189 | ± 2.5 | PASS |
| | | VH | TN | 2.06 | 0.000813 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.09 | -0.000425 | ± 2.5 | PASS |
| | | VN | TN | 0.2 | 0.000078 | ± 2.5 | PASS |
| | | VH | TN | 0.15 | 0.000058 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 1.87 | 0.000747 | ± 2.5 | PASS |
| | | VN | TN | -1.32 | -0.000527 | ± 2.5 | PASS |
| | | VH | TN | 3.55 | 0.001417 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.34 | 0.000529 | ± 2.5 | PASS |
| | | VN | TN | 4.02 | 0.001586 | ± 2.5 | PASS |
| | | VH | TN | -1.06 | -0.000418 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.47 | 0.000183 | ± 2.5 | PASS |
| | | VN | TN | 2.82 | 0.001099 | ± 2.5 | PASS |
| | | VH | TN | -0.89 | -0.000347 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 0.55 | 0.000220 | ± 2.5 | PASS |
| | | VN | -20 | -1.47 | -0.000587 | ± 2.5 | PASS |
| | | VN | -10 | 2.77 | 0.001106 | ± 2.5 | PASS |
| | | VN | 0 | 0.34 | 0.000136 | ± 2.5 | PASS |
| | | VN | 10 | 4.8 | 0.001916 | ± 2.5 | PASS |
| | | VN | 20 | -1.89 | -0.000754 | ± 2.5 | PASS |
| | | VN | 30 | 0.85 | 0.000339 | ± 2.5 | PASS |
| | | VN | 40 | -0.27 | -0.000108 | ± 2.5 | PASS |
| | | VN | 50 | 3.51 | 0.001401 | ± 2.5 | PASS |
| | MCH | VN | -30 | 1.64 | 0.000647 | ± 2.5 | PASS |
| | | VN | -20 | 3.81 | 0.001503 | ± 2.5 | PASS |
| | | VN | -10 | 4.34 | 0.001712 | ± 2.5 | PASS |

| | | | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|-----------|-------|------|
| | | VN | 0 | 2.16 | 0.000852 | ± 2.5 | PASS | | |
| | | VN | 10 | 3.72 | 0.001467 | ± 2.5 | PASS | | |
| | | VN | 20 | 2.72 | 0.001073 | ± 2.5 | PASS | | |
| | | VN | 30 | 1.31 | 0.000517 | ± 2.5 | PASS | | |
| | | VN | 40 | 2.49 | 0.000982 | ± 2.5 | PASS | | |
| | | VN | 50 | -1.49 | -0.000588 | ± 2.5 | PASS | | |
| | HCH | VN | -30 | -0.35 | -0.000136 | ± 2.5 | PASS | | |
| | | VN | -20 | 0.84 | 0.000327 | ± 2.5 | PASS | | |
| | | VN | -10 | 4.68 | 0.001825 | ± 2.5 | PASS | | |
| | | VN | 0 | 2.85 | 0.001111 | ± 2.5 | PASS | | |
| | | VN | 10 | 0.84 | 0.000327 | ± 2.5 | PASS | | |
| | | VN | 20 | -0.04 | -0.000016 | ± 2.5 | PASS | | |
| | | VN | 30 | -0.71 | -0.000277 | ± 2.5 | PASS | | |
| | | VN | 40 | 0.7 | 0.000273 | ± 2.5 | PASS | | |
| | | VN | 50 | -1.4 | -0.000546 | ± 2.5 | PASS | | |
| | | 16QAM | LCH | VN | -30 | 4.35 | 0.001737 | ± 2.5 | PASS |
| | | | | VN | -20 | -0.88 | -0.000351 | ± 2.5 | PASS |
| | | | | VN | -10 | -1.65 | -0.000659 | ± 2.5 | PASS |
| VN | 0 | | | 2.43 | 0.000970 | ± 2.5 | PASS | | |
| VN | 10 | | | 3.17 | 0.001265 | ± 2.5 | PASS | | |
| VN | 20 | | | 4.39 | 0.001752 | ± 2.5 | PASS | | |
| VN | 30 | | | 0.97 | 0.000387 | ± 2.5 | PASS | | |
| VN | 40 | | | 1.26 | 0.000503 | ± 2.5 | PASS | | |
| VN | 50 | | | -0.36 | -0.000144 | ± 2.5 | PASS | | |
| MCH | VN | | -30 | 4.09 | 0.001613 | ± 2.5 | PASS | | |
| | VN | | -20 | -1.47 | -0.000580 | ± 2.5 | PASS | | |
| | VN | | -10 | 0.54 | 0.000213 | ± 2.5 | PASS | | |
| | VN | | 0 | -1.55 | -0.000611 | ± 2.5 | PASS | | |
| | VN | | 10 | 2.39 | 0.000943 | ± 2.5 | PASS | | |
| | VN | | 20 | -1.75 | -0.000690 | ± 2.5 | PASS | | |
| | VN | | 30 | 4.65 | 0.001834 | ± 2.5 | PASS | | |
| | VN | | 40 | 3.1 | 0.001223 | ± 2.5 | PASS | | |
| | VN | | 50 | -1.45 | -0.000572 | ± 2.5 | PASS | | |
| HCH | VN | | -30 | 1.3 | 0.000507 | ± 2.5 | PASS | | |
| | VN | | -20 | -0.56 | -0.000218 | ± 2.5 | PASS | | |
| | VN | | -10 | -1.1 | -0.000429 | ± 2.5 | PASS | | |
| | VN | | 0 | 2.06 | 0.000803 | ± 2.5 | PASS | | |
| | VN | | 10 | 2.02 | 0.000788 | ± 2.5 | PASS | | |
| | VN | | 20 | -1.67 | -0.000651 | ± 2.5 | PASS | | |
| | VN | | 30 | -0.6 | -0.000234 | ± 2.5 | PASS | | |
| | VN | | 40 | 1.98 | 0.000772 | ± 2.5 | PASS | | |

| | | | | | | | |
|--|--|----|----|-------|-----------|-------|------|
| | | VN | 50 | -1.65 | -0.000643 | ± 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 | 2.51 | 0.001001 | ± 2.5 | PASS |
| | | VN | TN | 2.12 | 0.000845 | ± 2.5 | PASS |
| | | VH | TN | 0.65 | 0.000259 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.46 | 0.000576 | ± 2.5 | PASS |
| | | VN | TN | 1.04 | 0.000410 | ± 2.5 | PASS |
| | | VH | TN | -0.1 | -0.000039 | ± 2.5 | PASS |
| | HCH | VL | TN | 2.11 | 0.000823 | ± 2.5 | PASS |
| | | VN | TN | -0.92 | -0.000359 | ± 2.5 | PASS |
| | | VH | TN | 2 | 0.000780 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 1.6 | 0.000638 | ± 2.5 | PASS |
| | | VN | TN | 4.39 | 0.001751 | ± 2.5 | PASS |
| | | VH | TN | 1 | 0.000399 | ± 2.5 | PASS |
| | MCH | VL | TN | 0.25 | 0.000099 | ± 2.5 | PASS |
| | | VN | TN | -0.47 | -0.000185 | ± 2.5 | PASS |
| | | VH | TN | -0.99 | -0.000391 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.81 | -0.000316 | ± 2.5 | PASS |
| | | VN | TN | 2.58 | 0.001007 | ± 2.5 | PASS |
| | | VH | TN | 1.37 | 0.000535 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 4 | 0.001595 | ± 2.5 | PASS |
| | | VN | -20 | 3.71 | 0.001480 | ± 2.5 | PASS |
| | | VN | -10 | 1.12 | 0.000447 | ± 2.5 | PASS |
| | | VN | 0 | 4.16 | 0.001659 | ± 2.5 | PASS |
| | | VN | 10 | 2.98 | 0.001188 | ± 2.5 | PASS |
| | | VN | 20 | -1.08 | -0.000431 | ± 2.5 | PASS |
| | | VN | 30 | 1.87 | 0.000746 | ± 2.5 | PASS |
| | | VN | 40 | 4.43 | 0.001767 | ± 2.5 | PASS |
| | | VN | 50 | 1.88 | 0.000750 | ± 2.5 | PASS |
| | MCH | VN | -30 | 2.2 | 0.000868 | ± 2.5 | PASS |
| | | VN | -20 | 0.42 | 0.000166 | ± 2.5 | PASS |
| | | VN | -10 | 3.18 | 0.001254 | ± 2.5 | PASS |
| | | VN | 0 | -1.91 | -0.000753 | ± 2.5 | PASS |

| | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|----------|
| | | VN | 10 | 1.99 | 0.000785 | ± 2.5 | PASS |
| | | VN | 20 | 3.51 | 0.001385 | ± 2.5 | PASS |
| | | VN | 30 | 1.18 | 0.000465 | ± 2.5 | PASS |
| | | VN | 40 | 3.54 | 0.001396 | ± 2.5 | PASS |
| | | VN | 50 | -0.65 | -0.000256 | ± 2.5 | PASS |
| | HCH | VN | -30 | -1.25 | -0.000488 | ± 2.5 | PASS |
| | | VN | -20 | -1.78 | -0.000695 | ± 2.5 | PASS |
| | | VN | -10 | -0.12 | -0.000047 | ± 2.5 | PASS |
| | | VN | 0 | 2.49 | 0.000972 | ± 2.5 | PASS |
| | | VN | 10 | 3.78 | 0.001475 | ± 2.5 | PASS |
| | | VN | 20 | -1.82 | -0.000710 | ± 2.5 | PASS |
| | | VN | 30 | 3.28 | 0.001280 | ± 2.5 | PASS |
| | | VN | 40 | 3.29 | 0.001284 | ± 2.5 | PASS |
| | | VN | 50 | -0.2 | -0.000078 | ± 2.5 | PASS |
| | | 16QAM | LCH | VN | -30 | 4.43 | 0.001767 |
| VN | -20 | | | 2.18 | 0.000869 | ± 2.5 | PASS |
| VN | -10 | | | 4.98 | 0.001986 | ± 2.5 | PASS |
| VN | 0 | | | 1.89 | 0.000754 | ± 2.5 | PASS |
| VN | 10 | | | 4.86 | 0.001938 | ± 2.5 | PASS |
| VN | 20 | | | 1.1 | 0.000439 | ± 2.5 | PASS |
| VN | 30 | | | -1.68 | -0.000670 | ± 2.5 | PASS |
| VN | 40 | | | 0.83 | 0.000331 | ± 2.5 | PASS |
| VN | 50 | | | 2.81 | 0.001121 | ± 2.5 | PASS |
| MCH | VN | | -30 | 4.53 | 0.001787 | ± 2.5 | PASS |
| | VN | | -20 | 3.31 | 0.001306 | ± 2.5 | PASS |
| | VN | | -10 | 4.63 | 0.001826 | ± 2.5 | PASS |
| | VN | | 0 | 4.72 | 0.001862 | ± 2.5 | PASS |
| | VN | | 10 | -1.9 | -0.000750 | ± 2.5 | PASS |
| | VN | | 20 | 4.25 | 0.001677 | ± 2.5 | PASS |
| | VN | | 30 | 2.81 | 0.001108 | ± 2.5 | PASS |
| | VN | | 40 | 4.75 | 0.001874 | ± 2.5 | PASS |
| | VN | | 50 | 0.41 | 0.000162 | ± 2.5 | PASS |
| HCH | VN | | -30 | 1.87 | 0.000730 | ± 2.5 | PASS |
| | VN | | -20 | -0.07 | -0.000027 | ± 2.5 | PASS |
| | VN | | -10 | 4.24 | 0.001655 | ± 2.5 | PASS |
| | VN | | 0 | 4.49 | 0.001752 | ± 2.5 | PASS |
| | VN | | 10 | 4.1 | 0.001600 | ± 2.5 | PASS |
| | VN | | 20 | -1.48 | -0.000578 | ± 2.5 | PASS |
| | VN | | 30 | 2.23 | 0.000870 | ± 2.5 | PASS |
| | VN | | 40 | -1.55 | -0.000605 | ± 2.5 | PASS |
| | VN | | 50 | -1.34 | -0.000523 | ± 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 | -0.03 | -0.000012 | ± 2.5 | PASS |
| | | VN | TN | 1.24 | 0.000494 | ± 2.5 | PASS |
| | | VH | TN | -0.02 | -0.000008 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.6 | -0.000237 | ± 2.5 | PASS |
| | | VN | TN | 3.8 | 0.001499 | ± 2.5 | PASS |
| | | VH | TN | 4.69 | 0.001850 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.12 | -0.000047 | ± 2.5 | PASS |
| | | VN | TN | 2.87 | 0.001121 | ± 2.5 | PASS |
| | | VH | TN | 1.22 | 0.000477 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -0.55 | -0.000219 | ± 2.5 | PASS |
| | | VN | TN | 0.79 | 0.000315 | ± 2.5 | PASS |
| | | VH | TN | -0.82 | -0.000327 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.08 | 0.000821 | ± 2.5 | PASS |
| | | VN | TN | 2.27 | 0.000895 | ± 2.5 | PASS |
| | | VH | TN | 4.8 | 0.001893 | ± 2.5 | PASS |
| | HCH | VL | TN | 0 | 0.000000 | ± 2.5 | PASS |
| | | VN | TN | 4.62 | 0.001805 | ± 2.5 | PASS |
| | | VH | TN | 0.12 | 0.000047 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 3.03 | 0.001207 | ± 2.5 | PASS |
| | | VN | -20 | -1.86 | -0.000741 | ± 2.5 | PASS |
| | | VN | -10 | 0.37 | 0.000147 | ± 2.5 | PASS |
| | | VN | 0 | 1.47 | 0.000586 | ± 2.5 | PASS |
| | | VN | 10 | 1.37 | 0.000546 | ± 2.5 | PASS |
| | | VN | 20 | -1.32 | -0.000526 | ± 2.5 | PASS |
| | | VN | 30 | 1.98 | 0.000789 | ± 2.5 | PASS |
| | | VN | 40 | 3.59 | 0.001430 | ± 2.5 | PASS |
| | MCH | VN | 50 | 0.71 | 0.000283 | ± 2.5 | PASS |
| | | VN | -30 | -0.45 | -0.000178 | ± 2.5 | PASS |
| | | VN | -20 | -1.57 | -0.000619 | ± 2.5 | PASS |
| | | VN | -10 | -1.96 | -0.000773 | ± 2.5 | PASS |
| | | VN | 0 | 0.65 | 0.000256 | ± 2.5 | PASS |
| | | VN | 10 | 4.34 | 0.001712 | ± 2.5 | PASS |
| VN | 20 | -1.18 | -0.000465 | ± 2.5 | PASS | | |

| | | | | | | | |
|-------|-----|----|-----|-------|-----------|-------|------|
| | | VN | 30 | -1.88 | -0.000742 | ± 2.5 | PASS |
| | | VN | 40 | -1.34 | -0.000529 | ± 2.5 | PASS |
| | | VN | 50 | 2.57 | 0.001014 | ± 2.5 | PASS |
| | HCH | VN | -30 | 4.92 | 0.001922 | ± 2.5 | PASS |
| | | VN | -20 | 0.89 | 0.000348 | ± 2.5 | PASS |
| | | VN | -10 | 4.95 | 0.001934 | ± 2.5 | PASS |
| | | VN | 0 | 3.46 | 0.001352 | ± 2.5 | PASS |
| | | VN | 10 | -1.51 | -0.000590 | ± 2.5 | PASS |
| | | VN | 20 | 1.16 | 0.000453 | ± 2.5 | PASS |
| | | VN | 30 | -1.59 | -0.000621 | ± 2.5 | PASS |
| | | VN | 40 | 1.36 | 0.000531 | ± 2.5 | PASS |
| | | VN | 50 | -0.81 | -0.000316 | ± 2.5 | PASS |
| 16QAM | LCH | VN | -30 | -0.07 | -0.000028 | ± 2.5 | PASS |
| | | VN | -20 | 3.61 | 0.001438 | ± 2.5 | PASS |
| | | VN | -10 | 2.19 | 0.000873 | ± 2.5 | PASS |
| | | VN | 0 | 3.21 | 0.001279 | ± 2.5 | PASS |
| | | VN | 10 | 0.07 | 0.000028 | ± 2.5 | PASS |
| | | VN | 20 | 0.89 | 0.000355 | ± 2.5 | PASS |
| | | VN | 30 | 1.99 | 0.000793 | ± 2.5 | PASS |
| | | VN | 40 | -1.92 | -0.000765 | ± 2.5 | PASS |
| | | VN | 50 | 0.14 | 0.000056 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.94 | 0.001554 | ± 2.5 | PASS |
| | | VN | -20 | 3.66 | 0.001444 | ± 2.5 | PASS |
| | | VN | -10 | 0.17 | 0.000067 | ± 2.5 | PASS |
| | | VN | 0 | 4.18 | 0.001649 | ± 2.5 | PASS |
| | | VN | 10 | 1.93 | 0.000761 | ± 2.5 | PASS |
| | | VN | 20 | 3.5 | 0.001381 | ± 2.5 | PASS |
| | | VN | 30 | 1.52 | 0.000600 | ± 2.5 | PASS |
| | | VN | 40 | 3.14 | 0.001239 | ± 2.5 | PASS |
| | | VN | 50 | 1.92 | 0.000757 | ± 2.5 | PASS |
| | HCH | VN | -30 | 4.72 | 0.001844 | ± 2.5 | PASS |
| | | VN | -20 | -0.32 | -0.000125 | ± 2.5 | PASS |
| | | VN | -10 | 4.67 | 0.001824 | ± 2.5 | PASS |
| | | VN | 0 | -0.08 | -0.000031 | ± 2.5 | PASS |
| | | VN | 10 | 3.24 | 0.001266 | ± 2.5 | PASS |
| | | VN | 20 | -0.42 | -0.000164 | ± 2.5 | PASS |
| | | VN | 30 | -0.8 | -0.000313 | ± 2.5 | PASS |
| | | VN | 40 | 2.34 | 0.000914 | ± 2.5 | PASS |
| | | VN | 50 | 2.51 | 0.000980 | ± 2.5 | PASS |