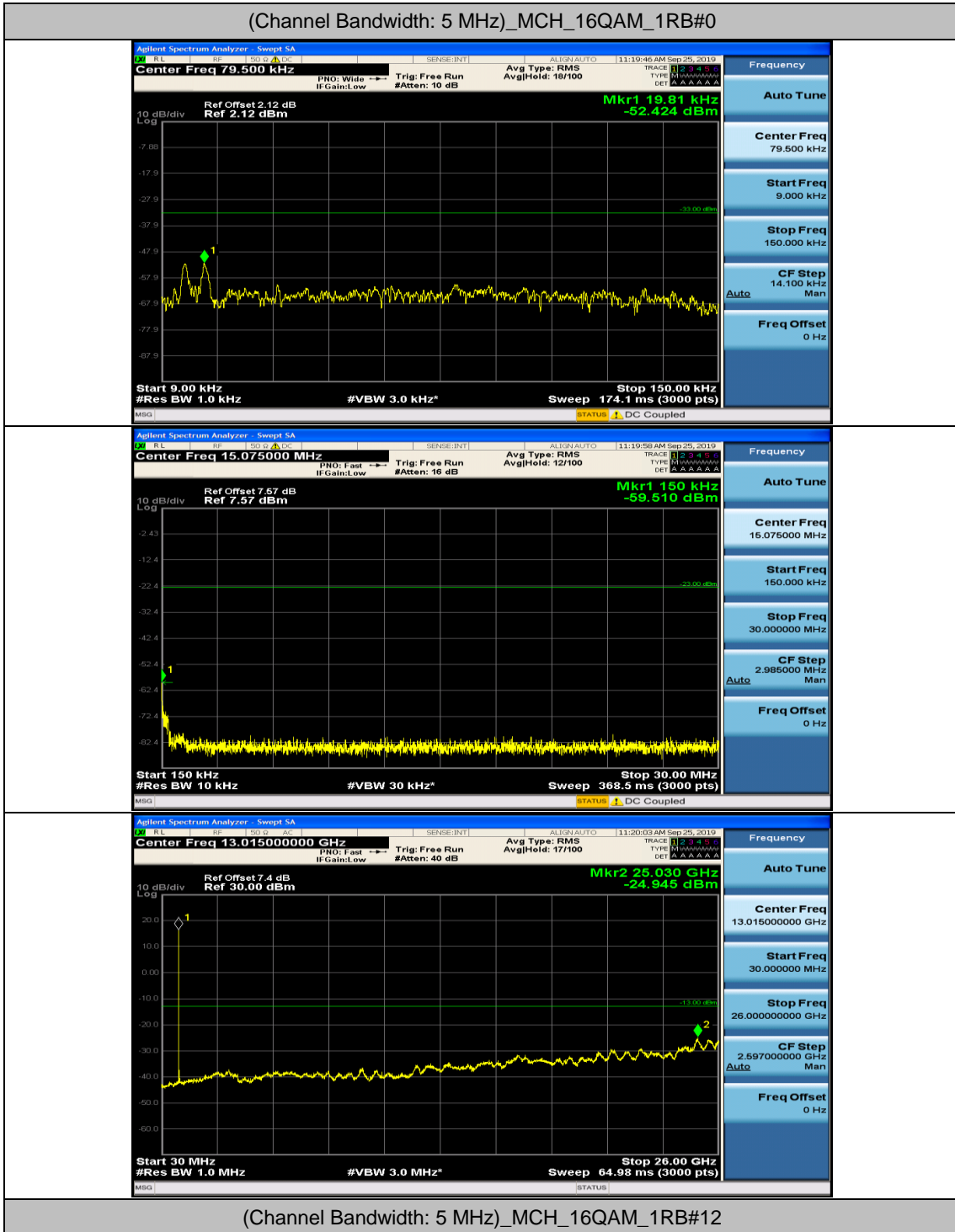
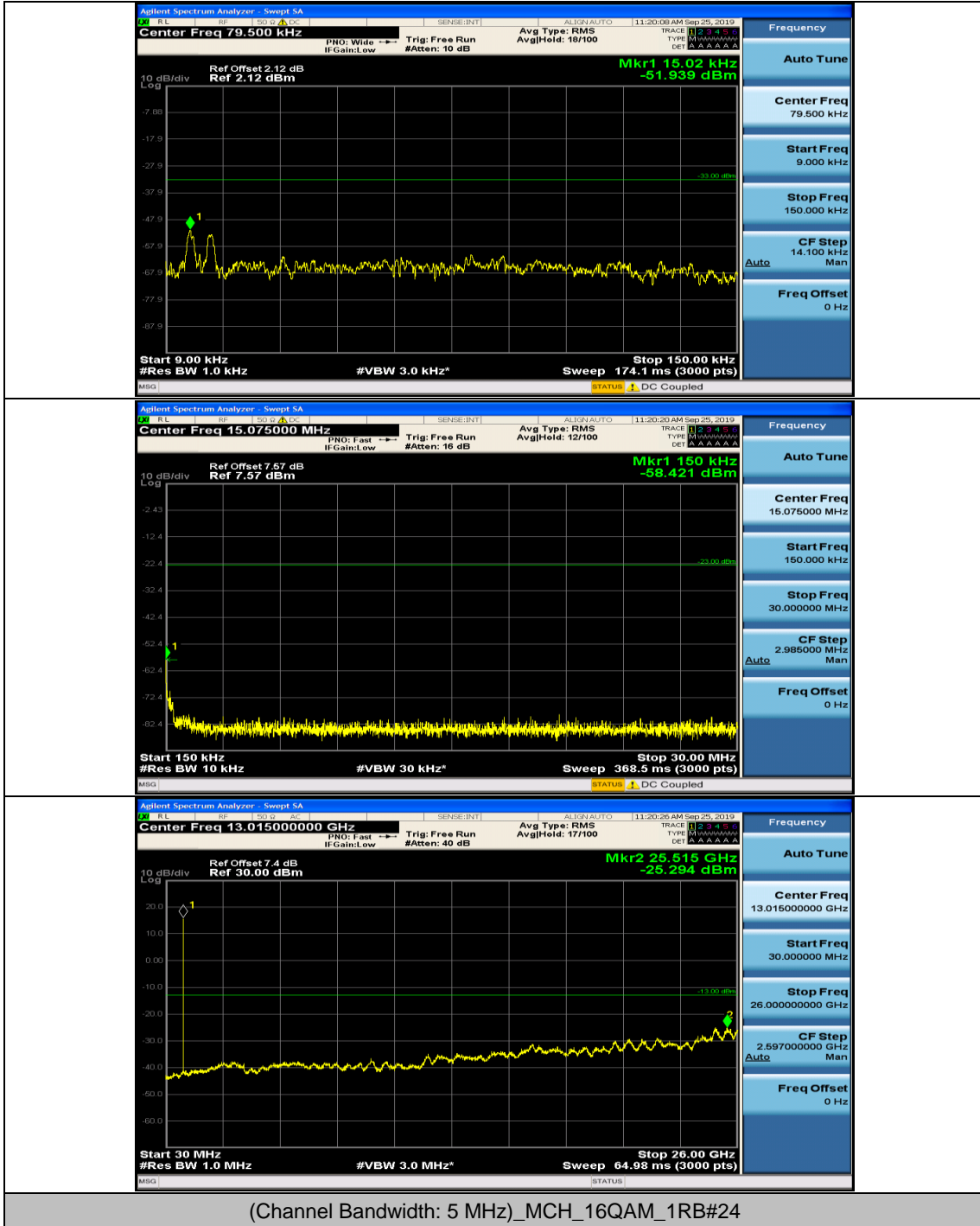
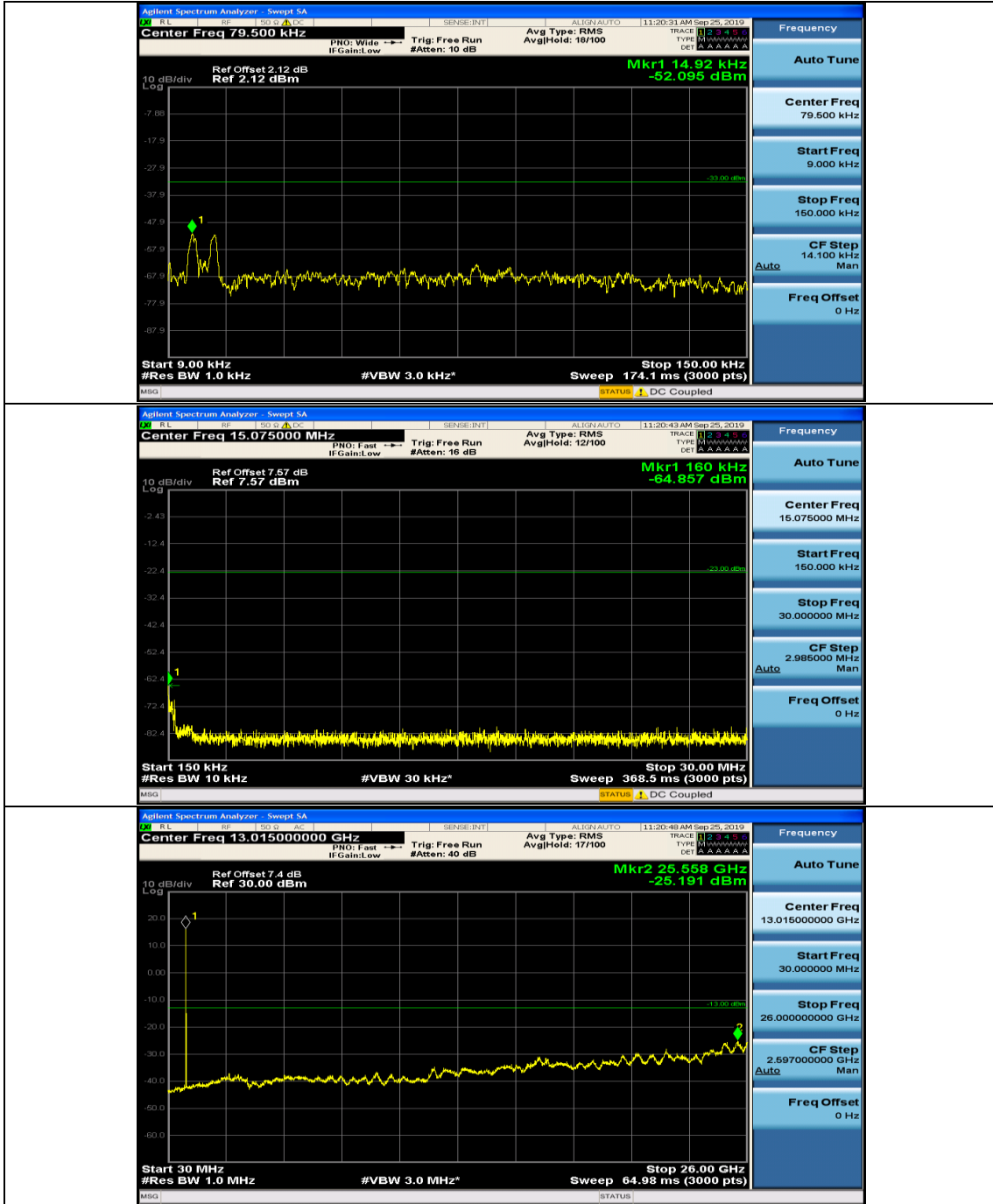


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

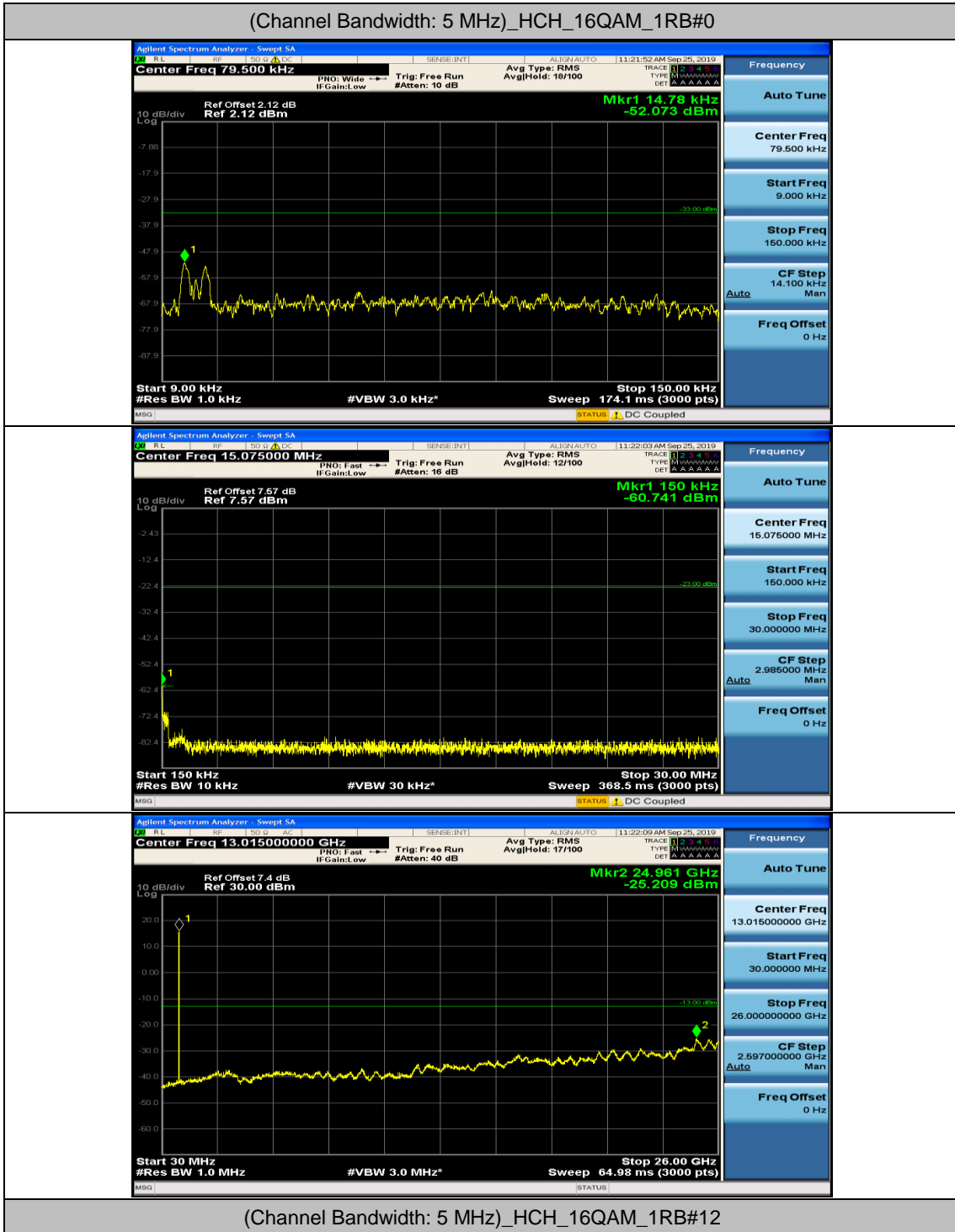


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

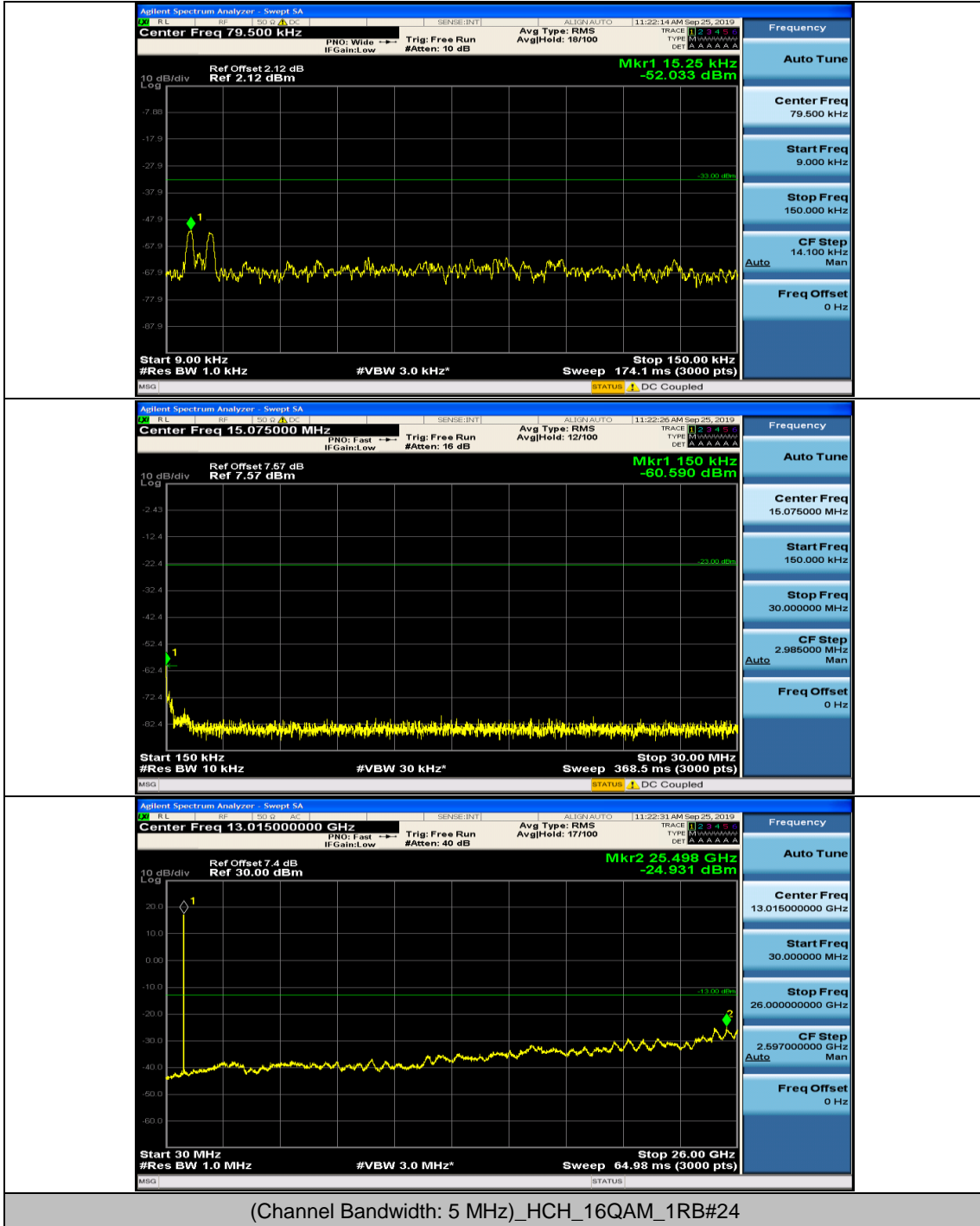




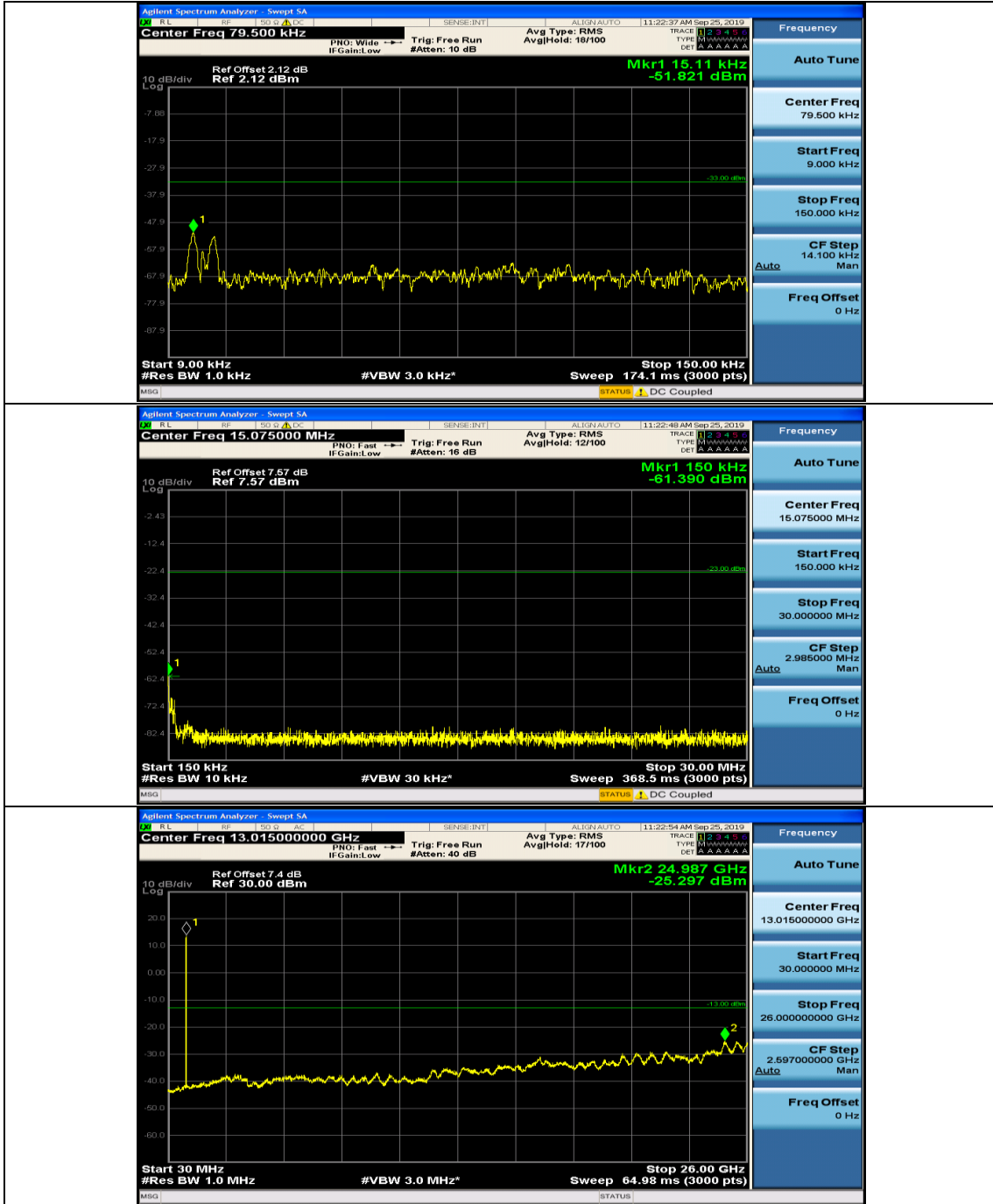
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



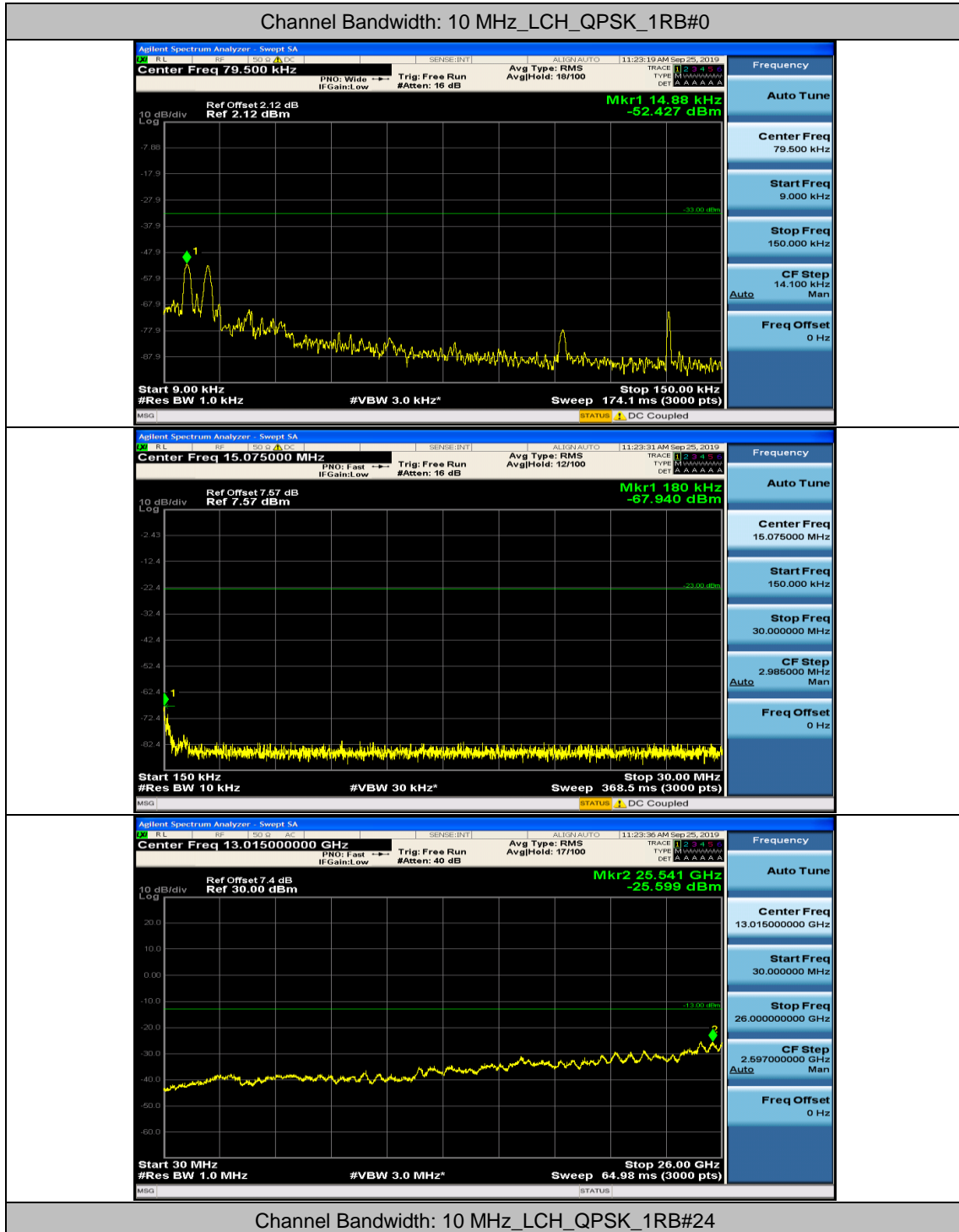
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

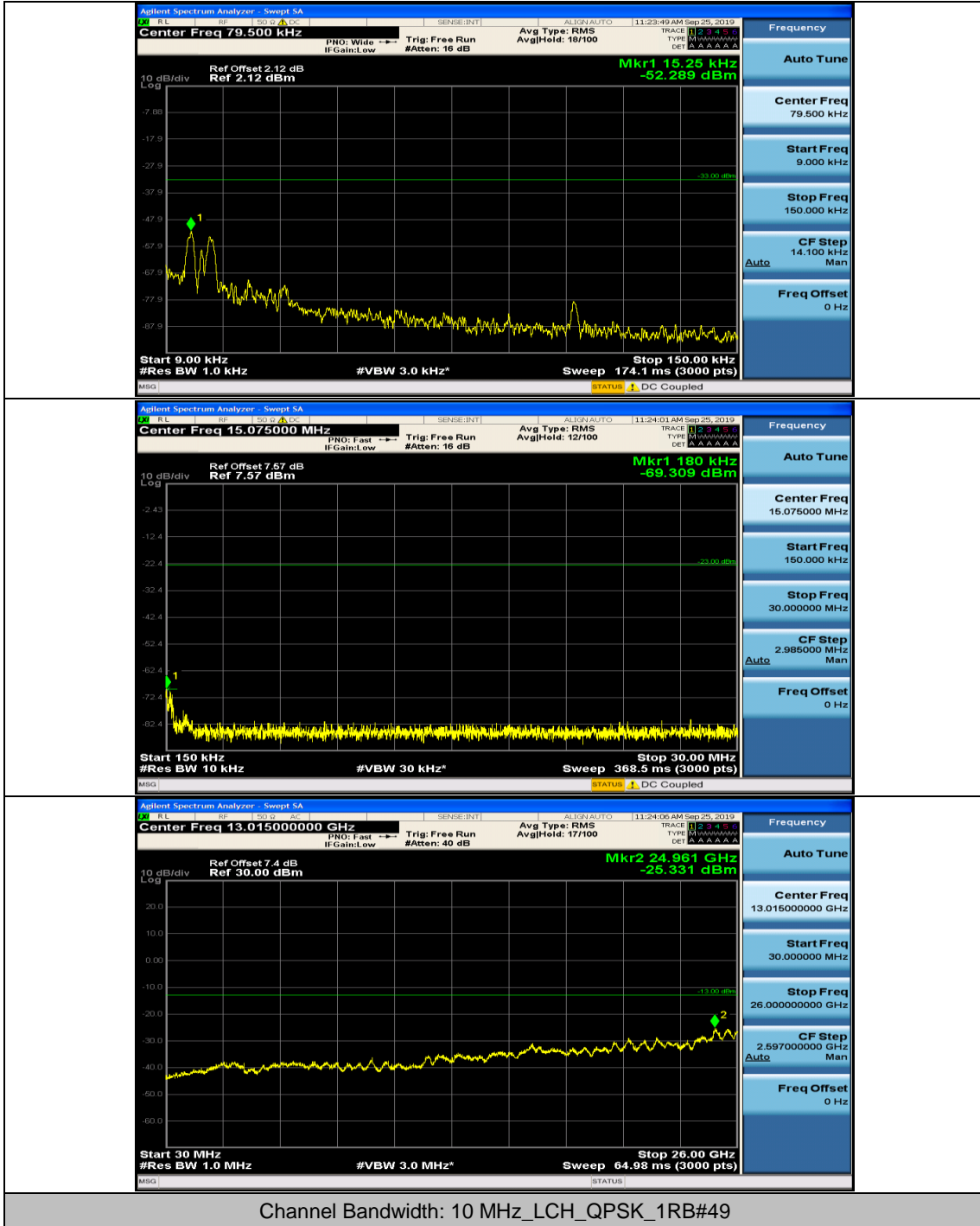


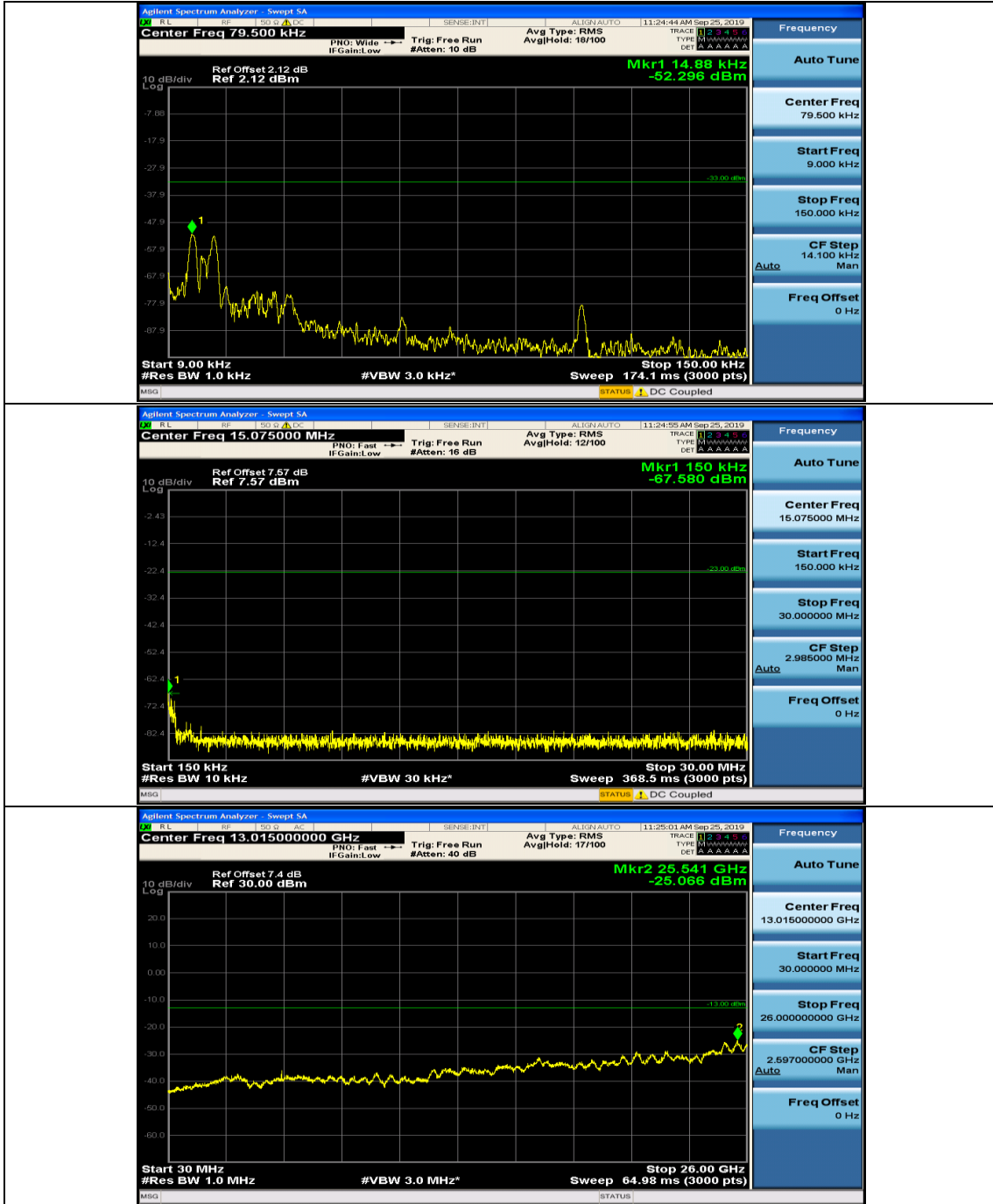
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

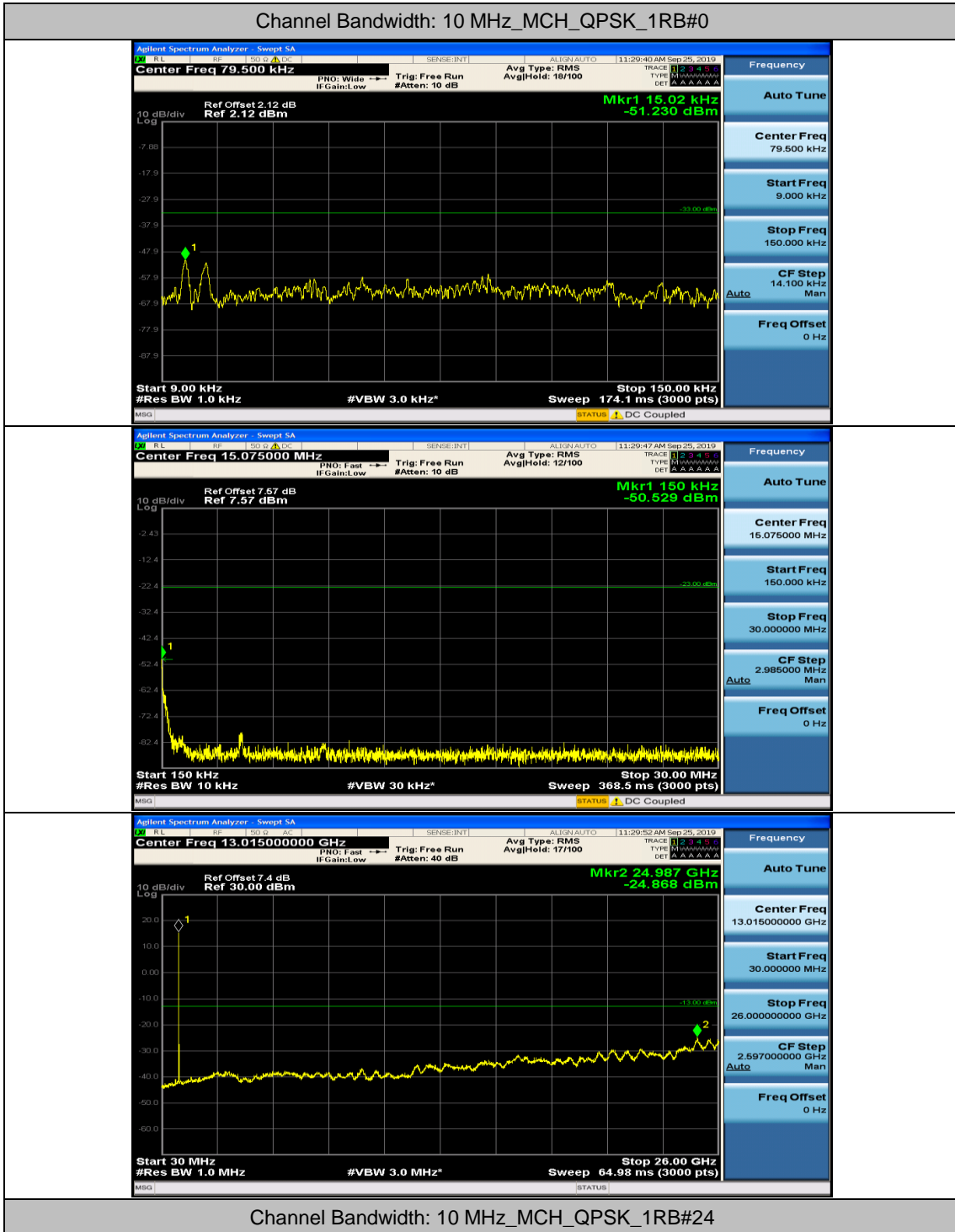


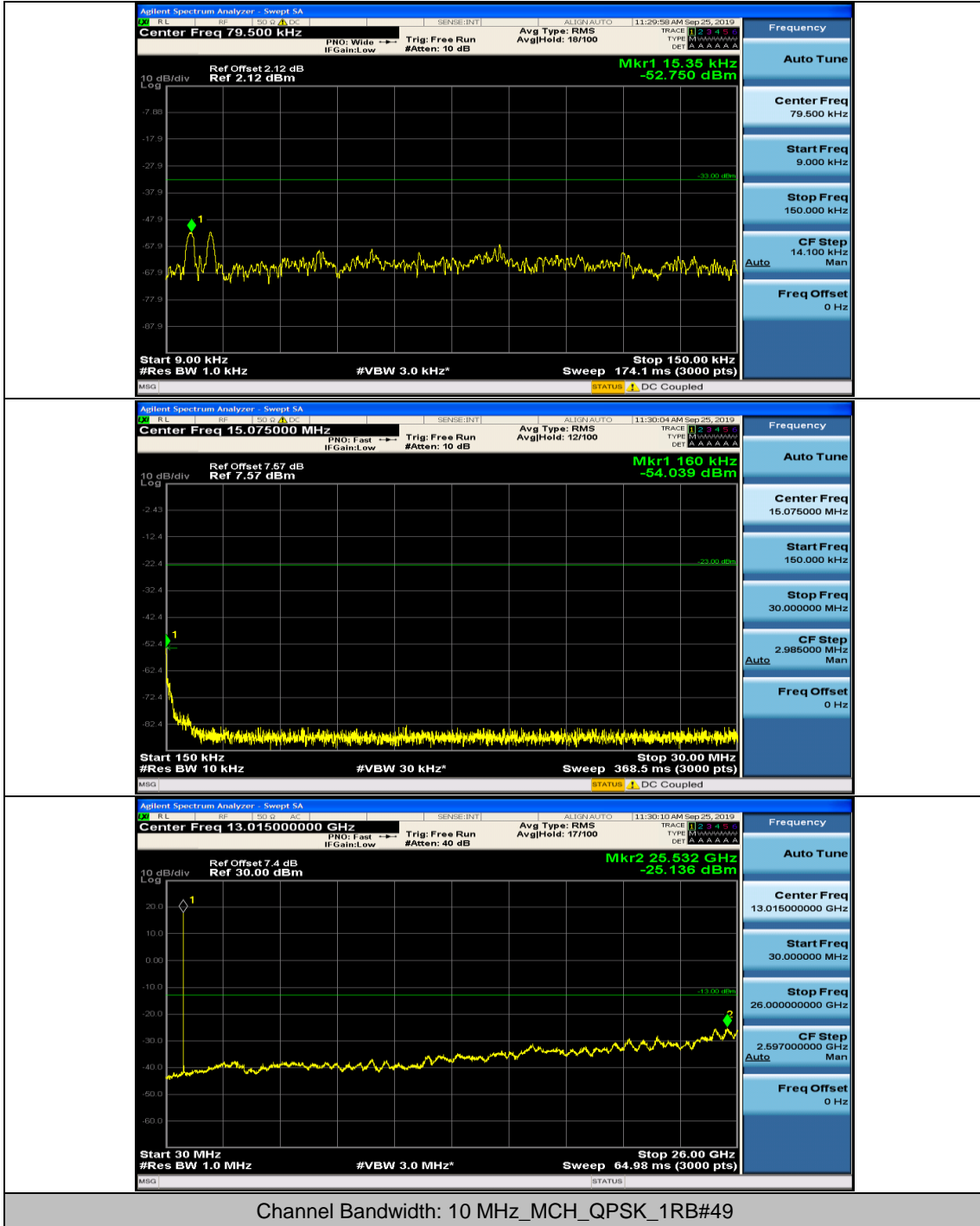
Channel Bandwidth: 10 MHz

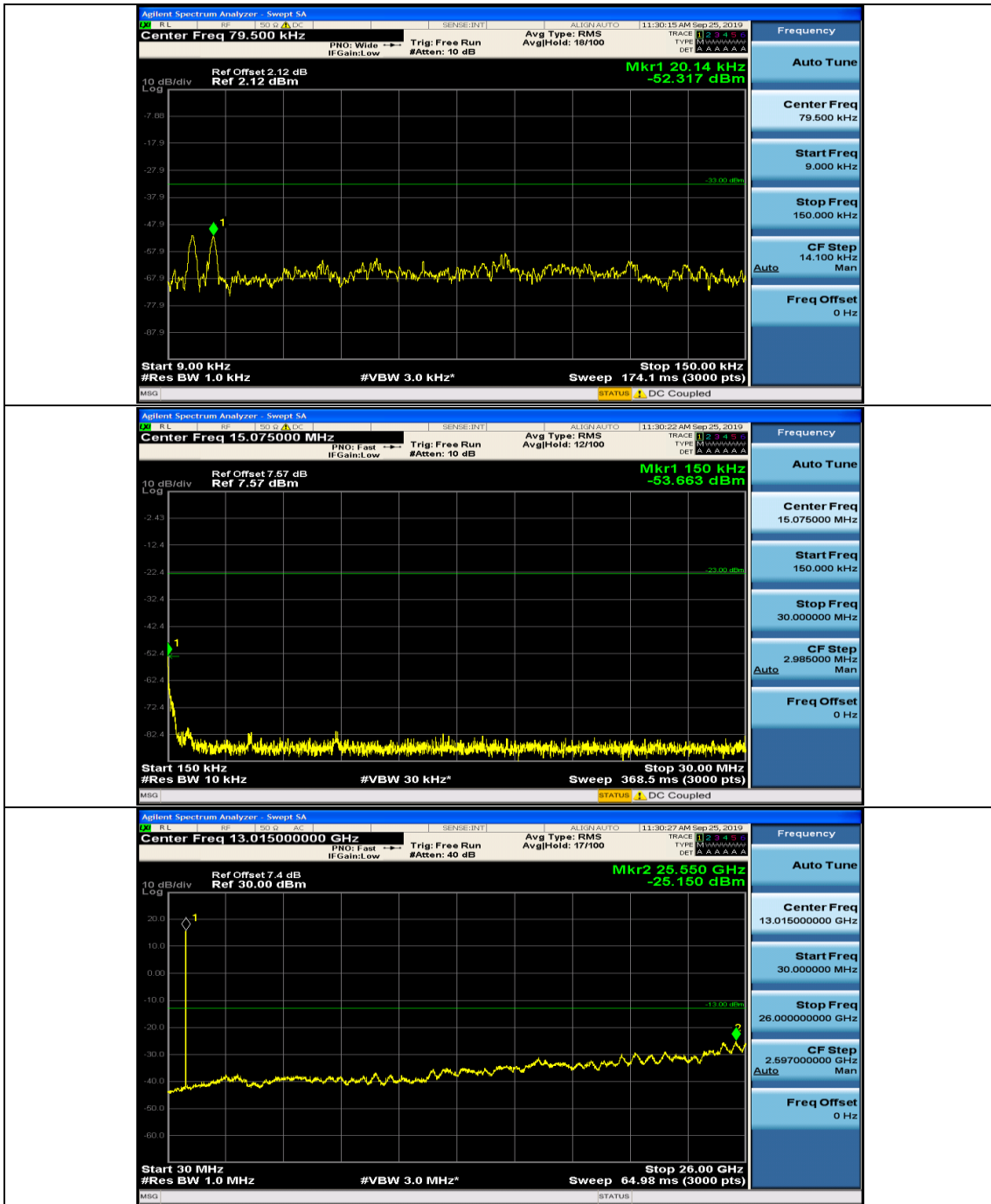


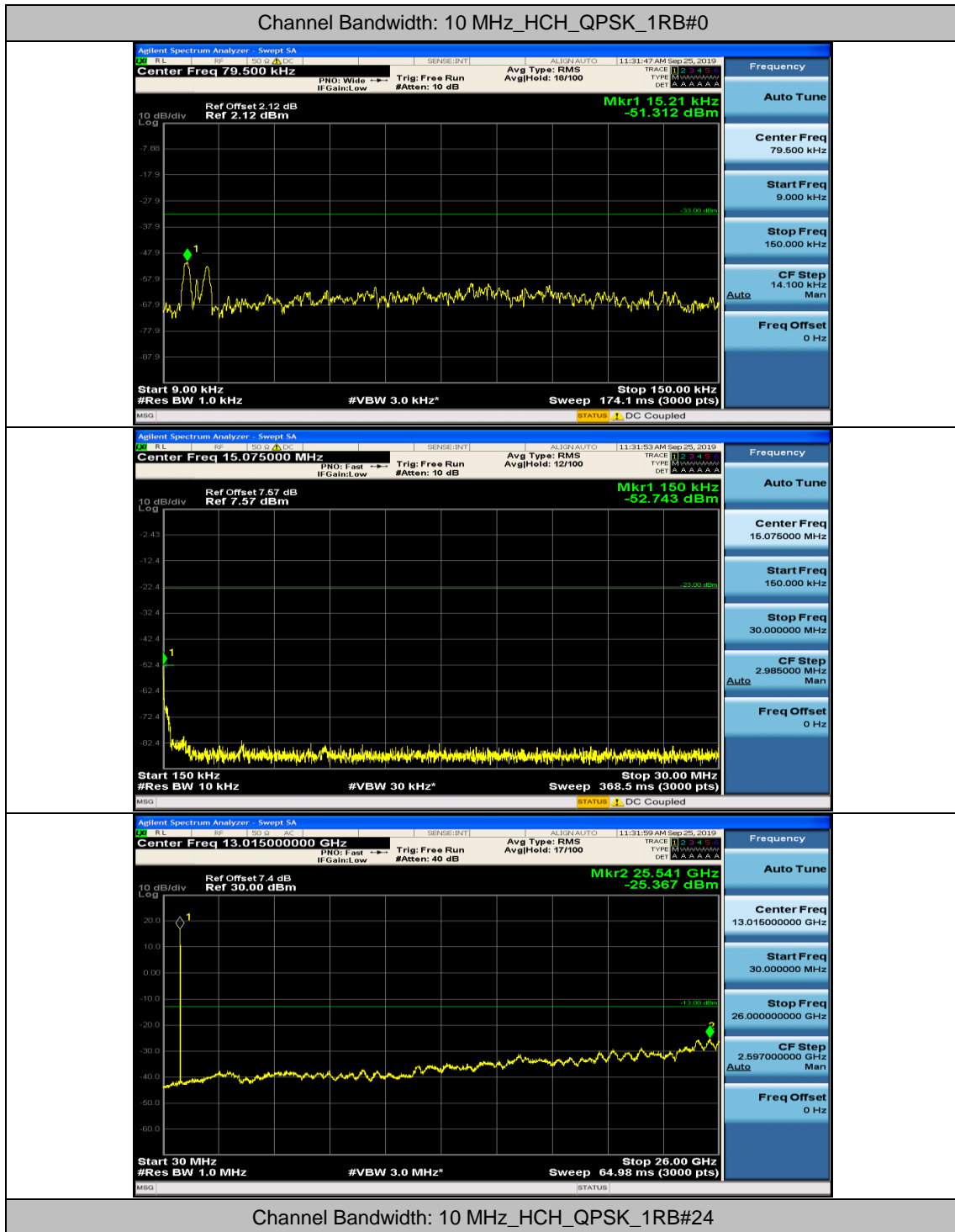


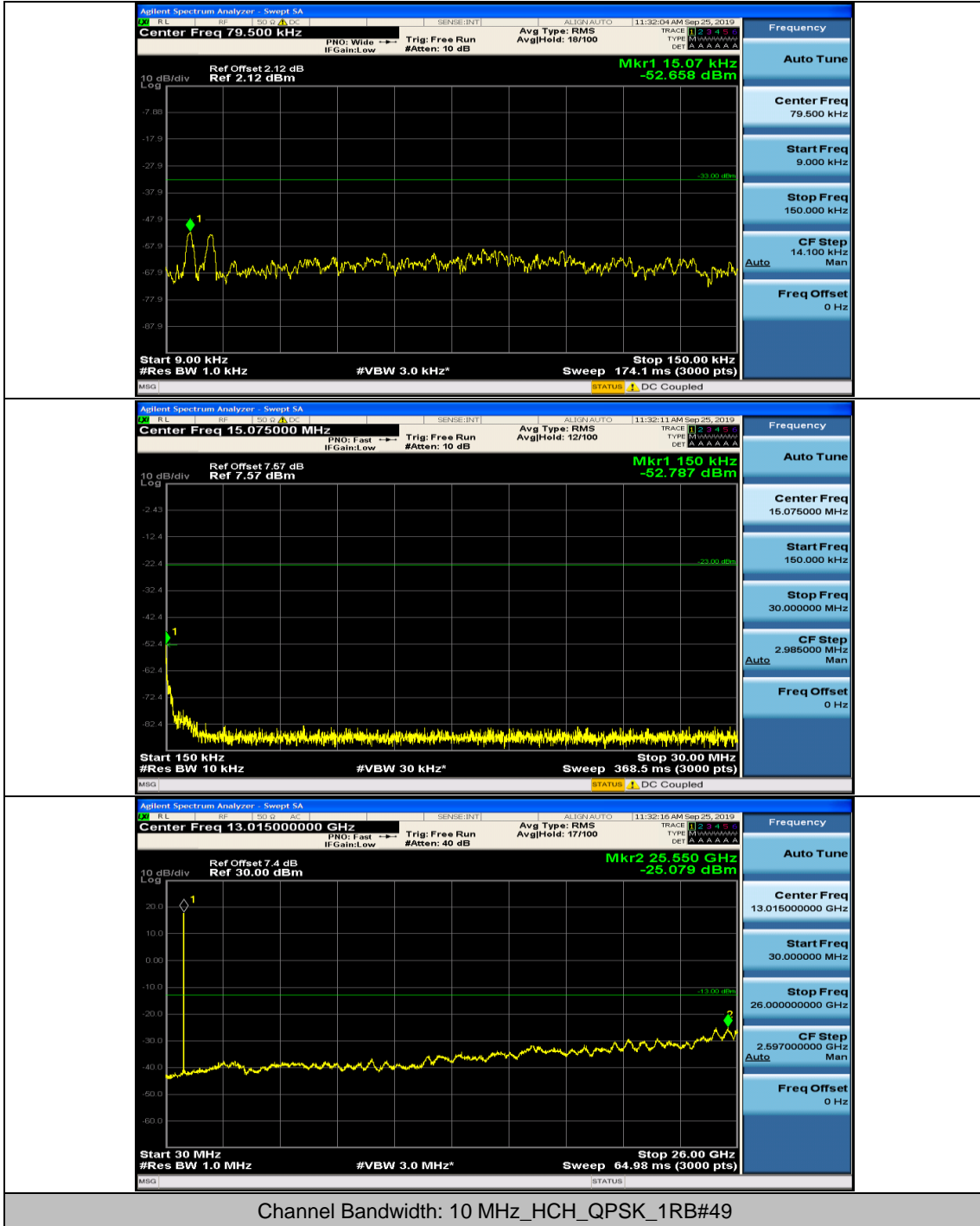


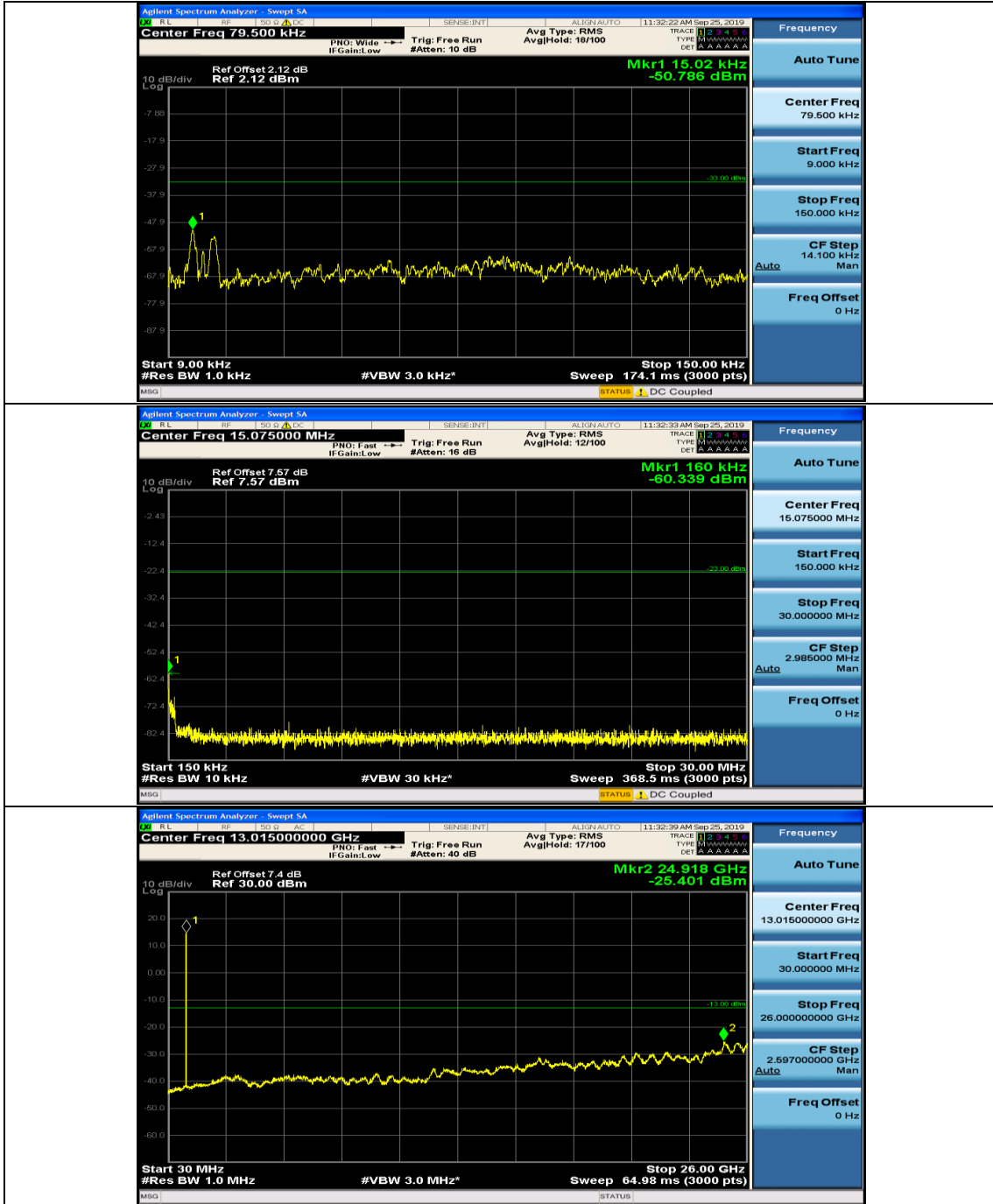


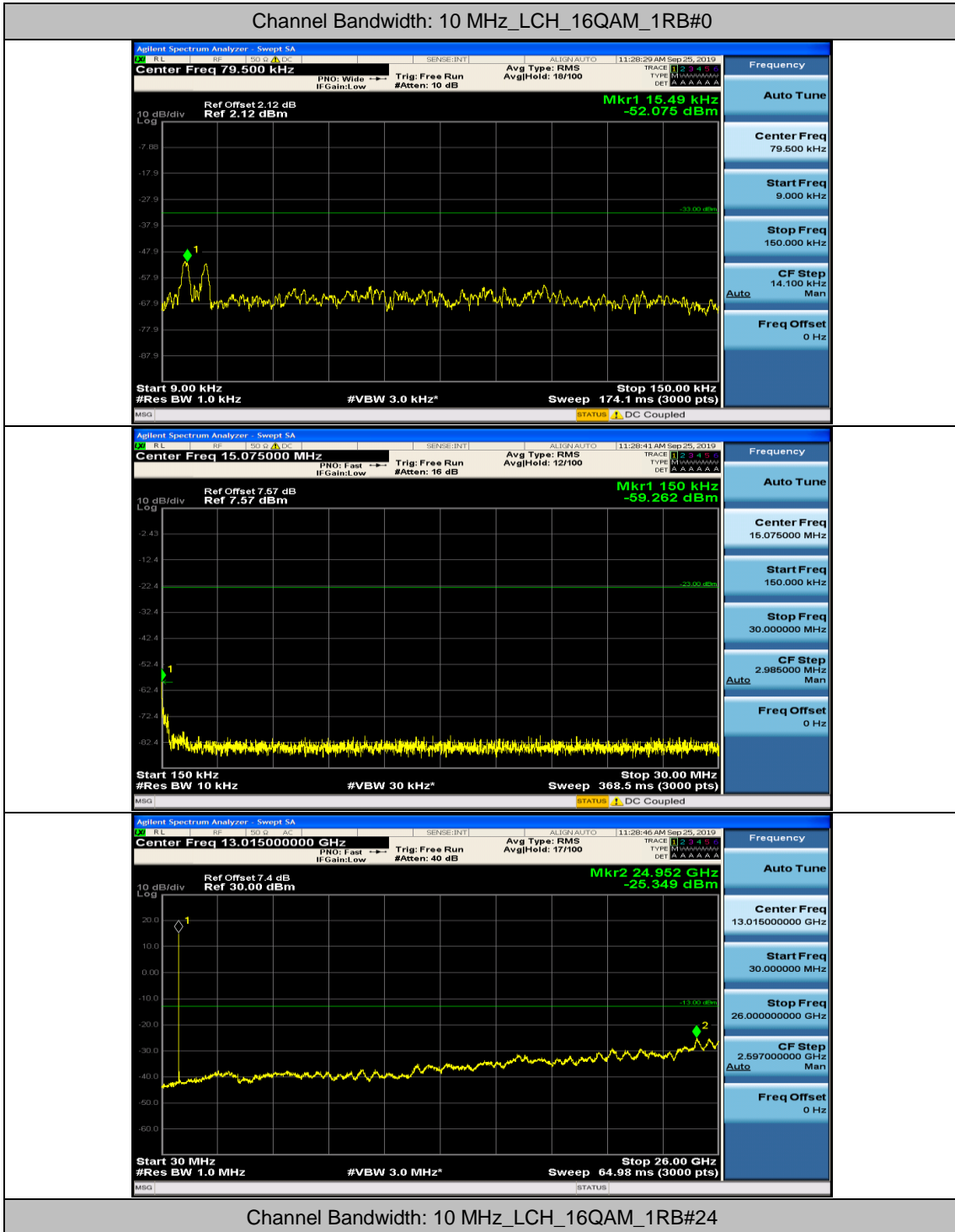


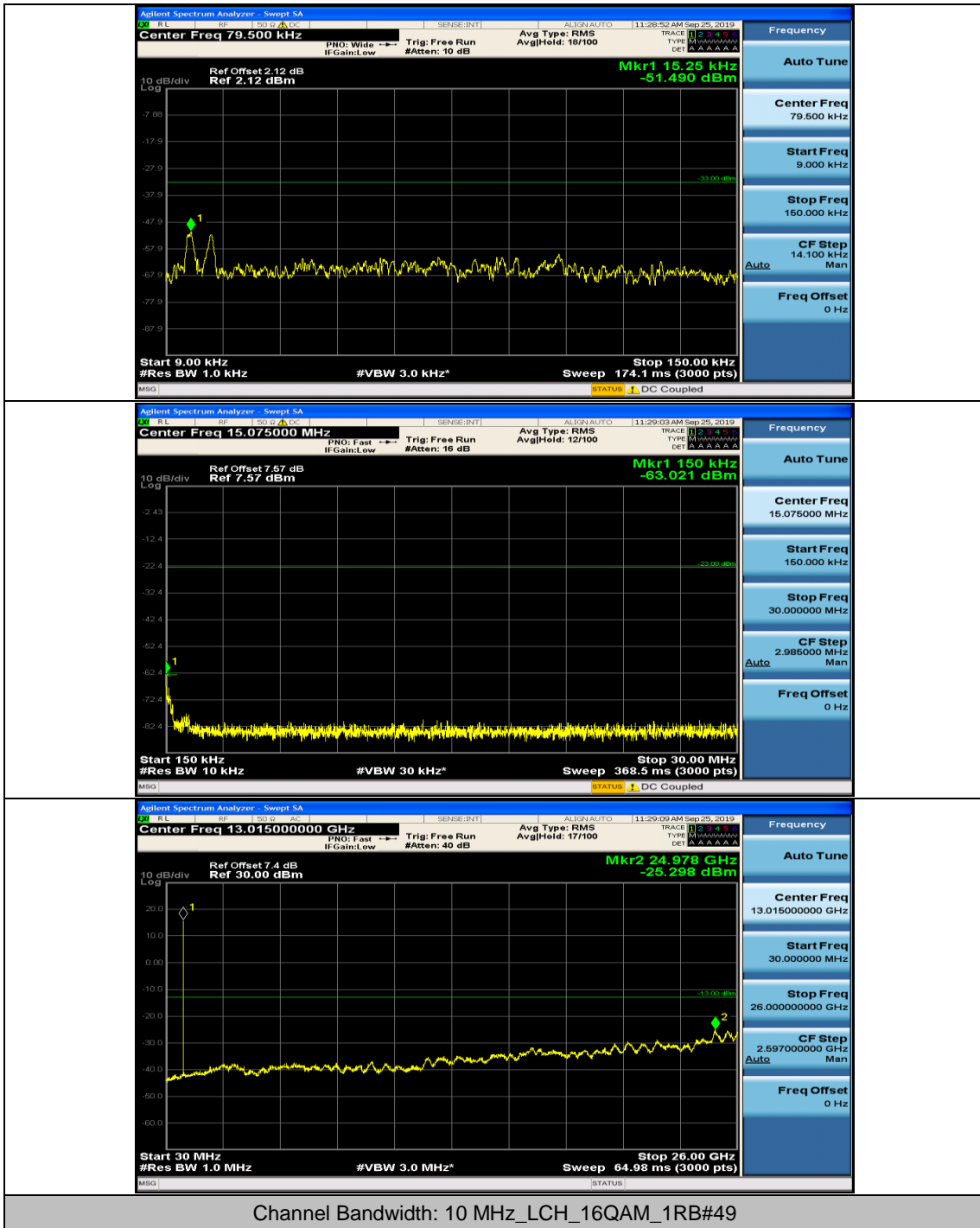


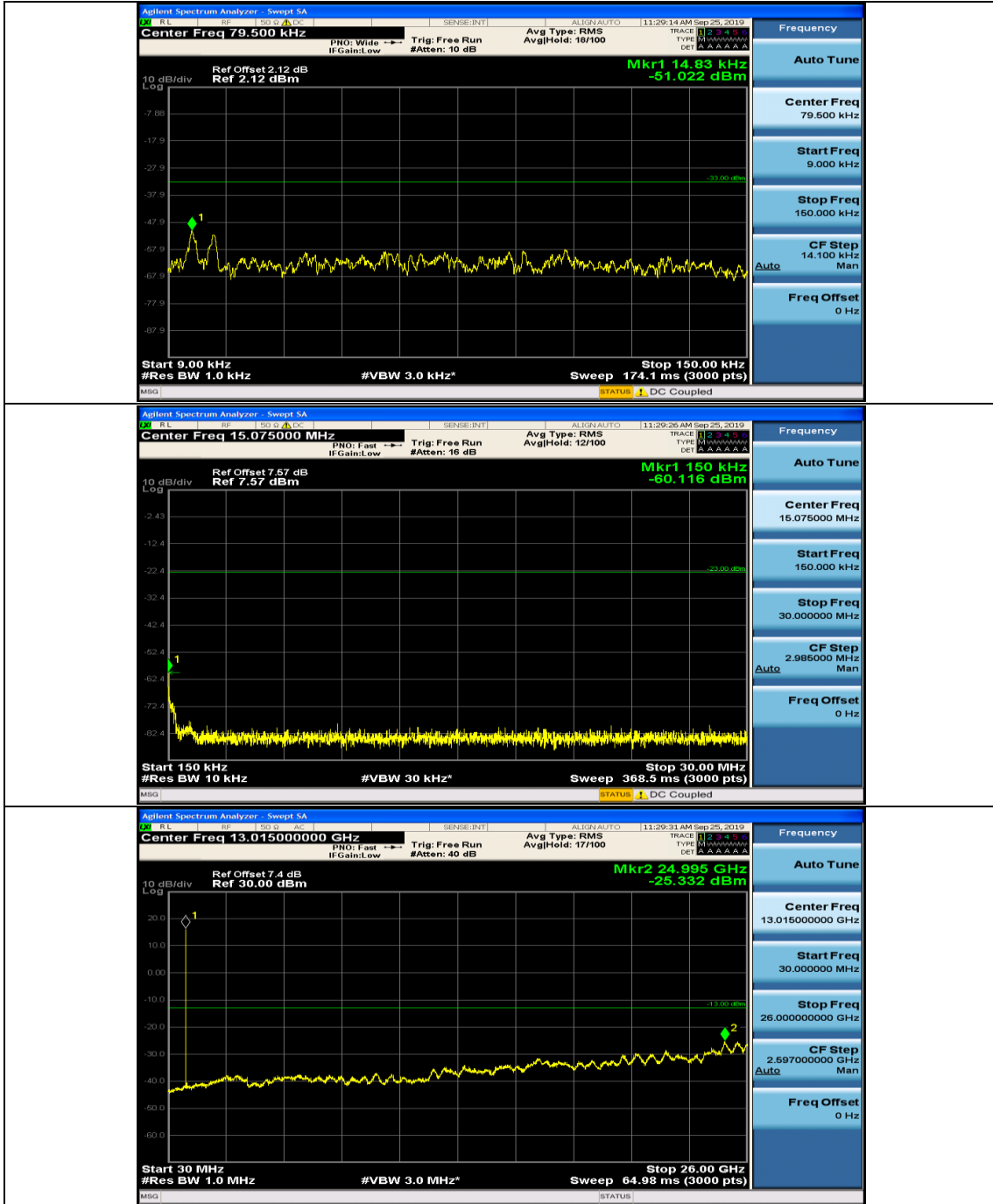


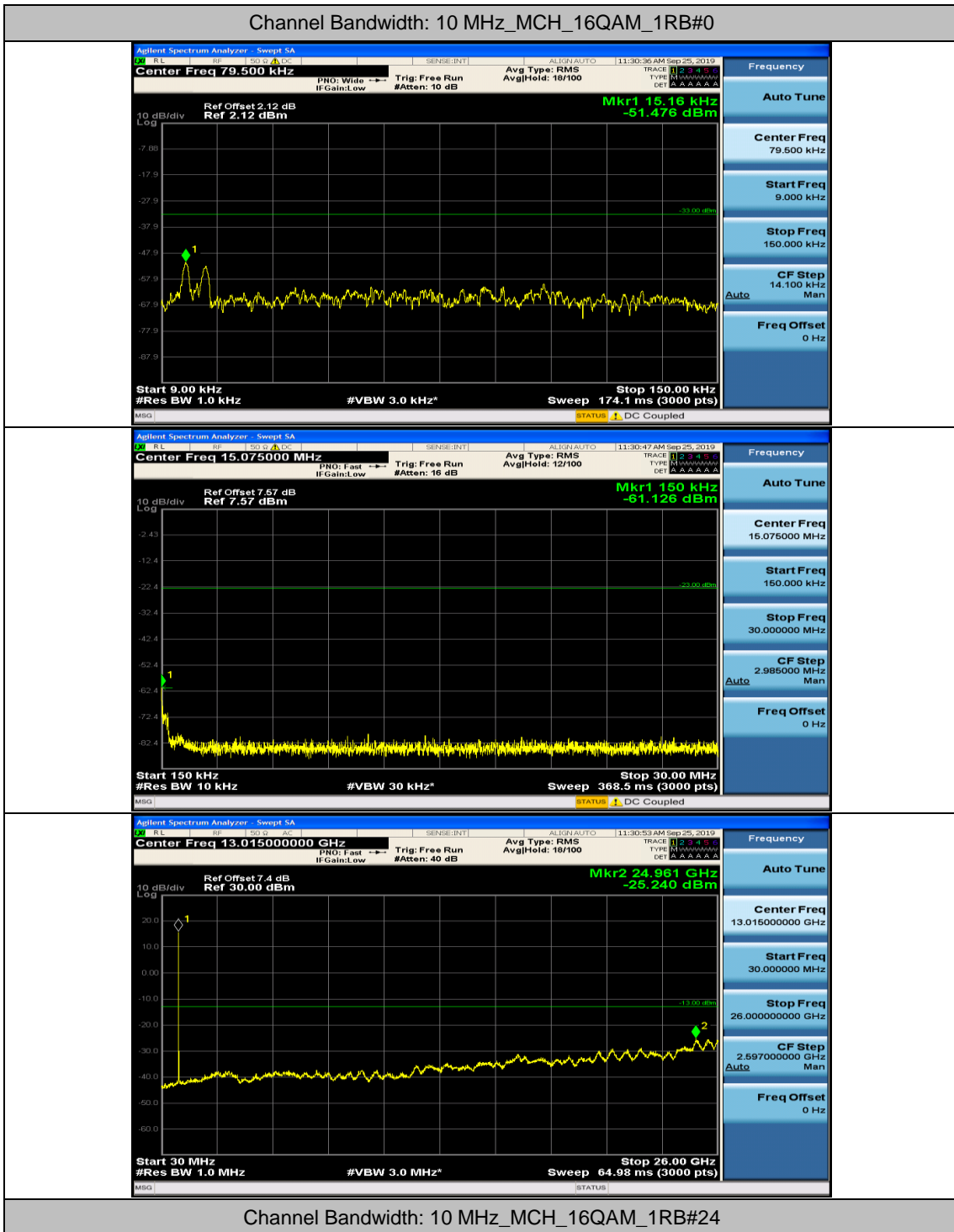


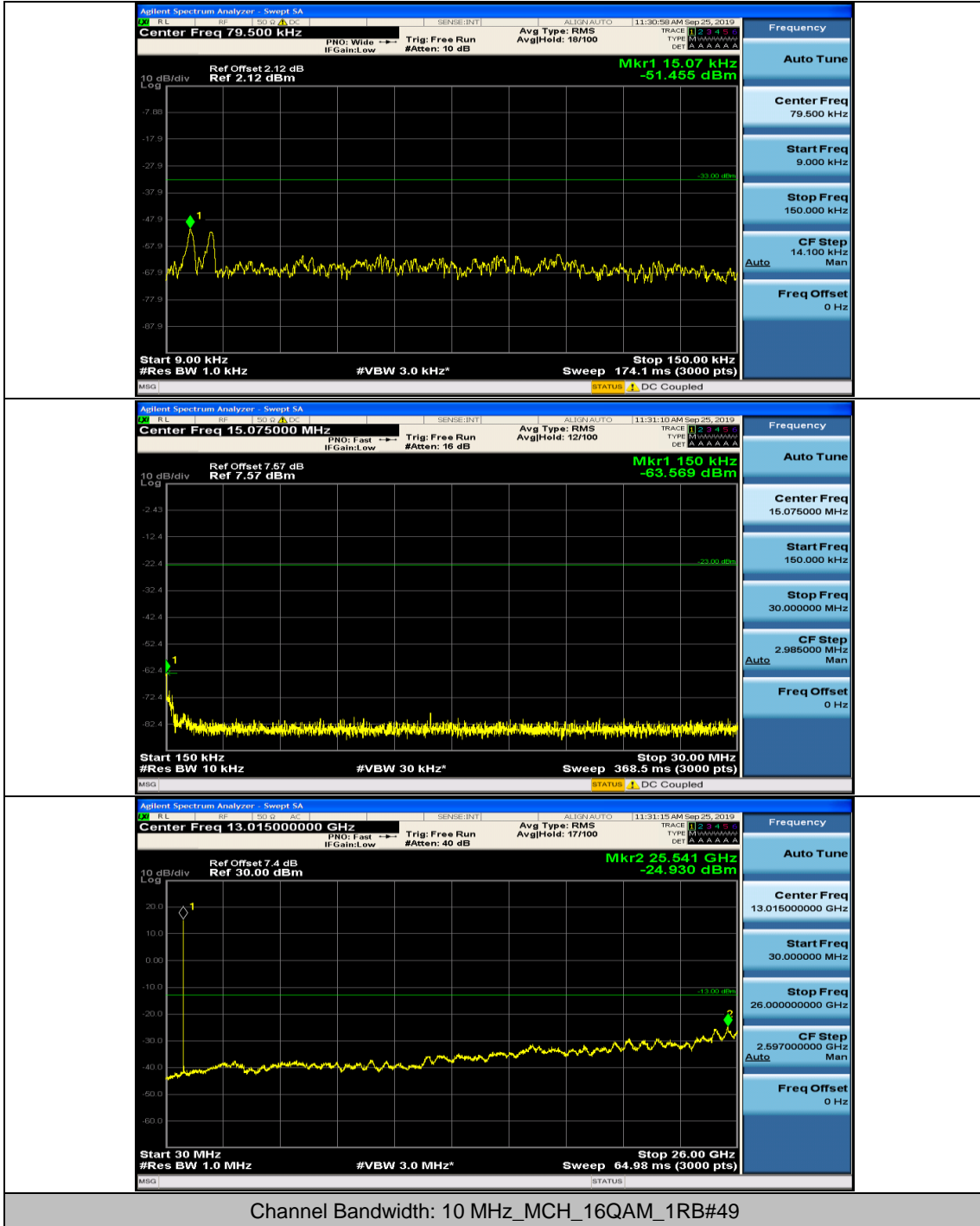


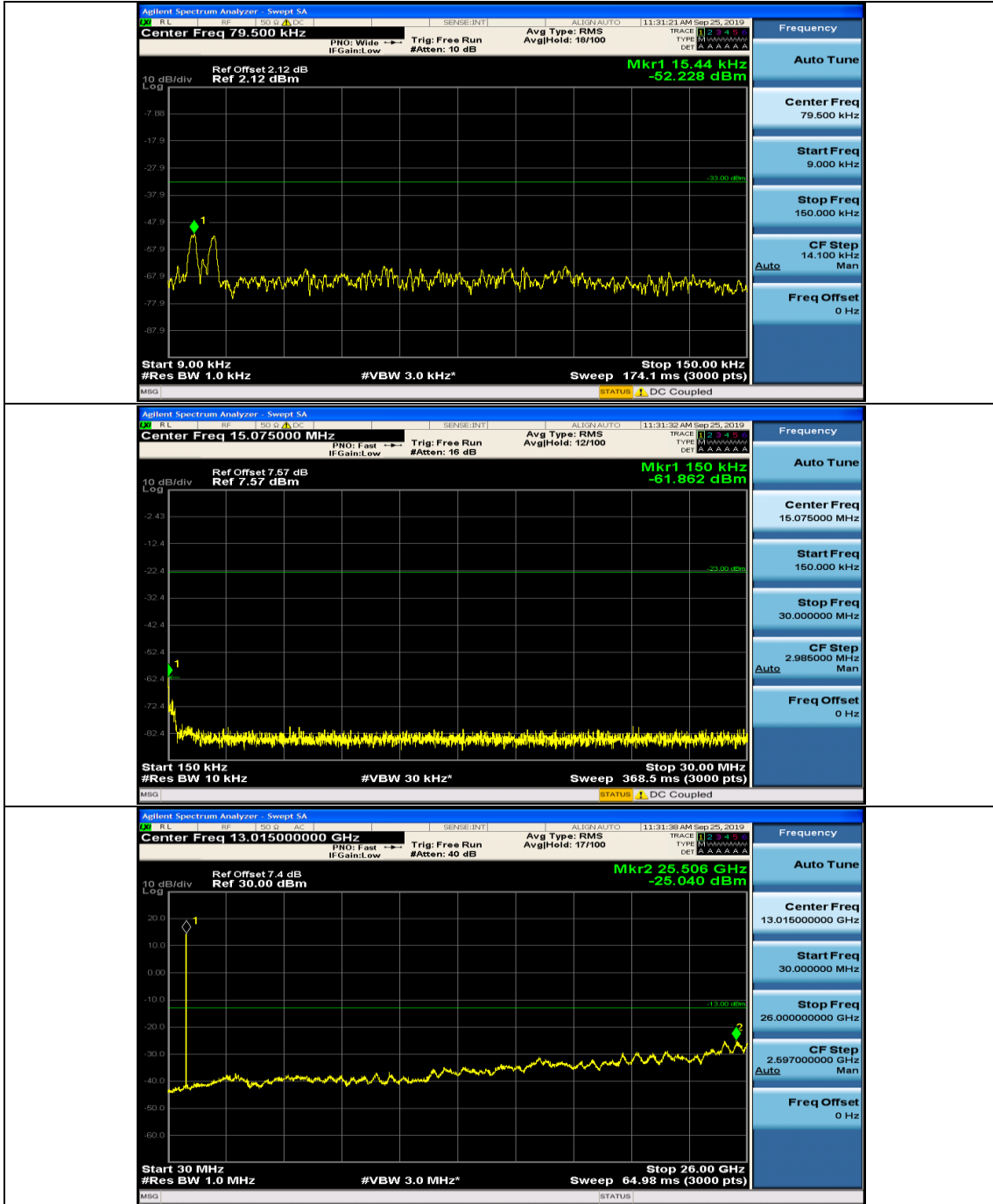


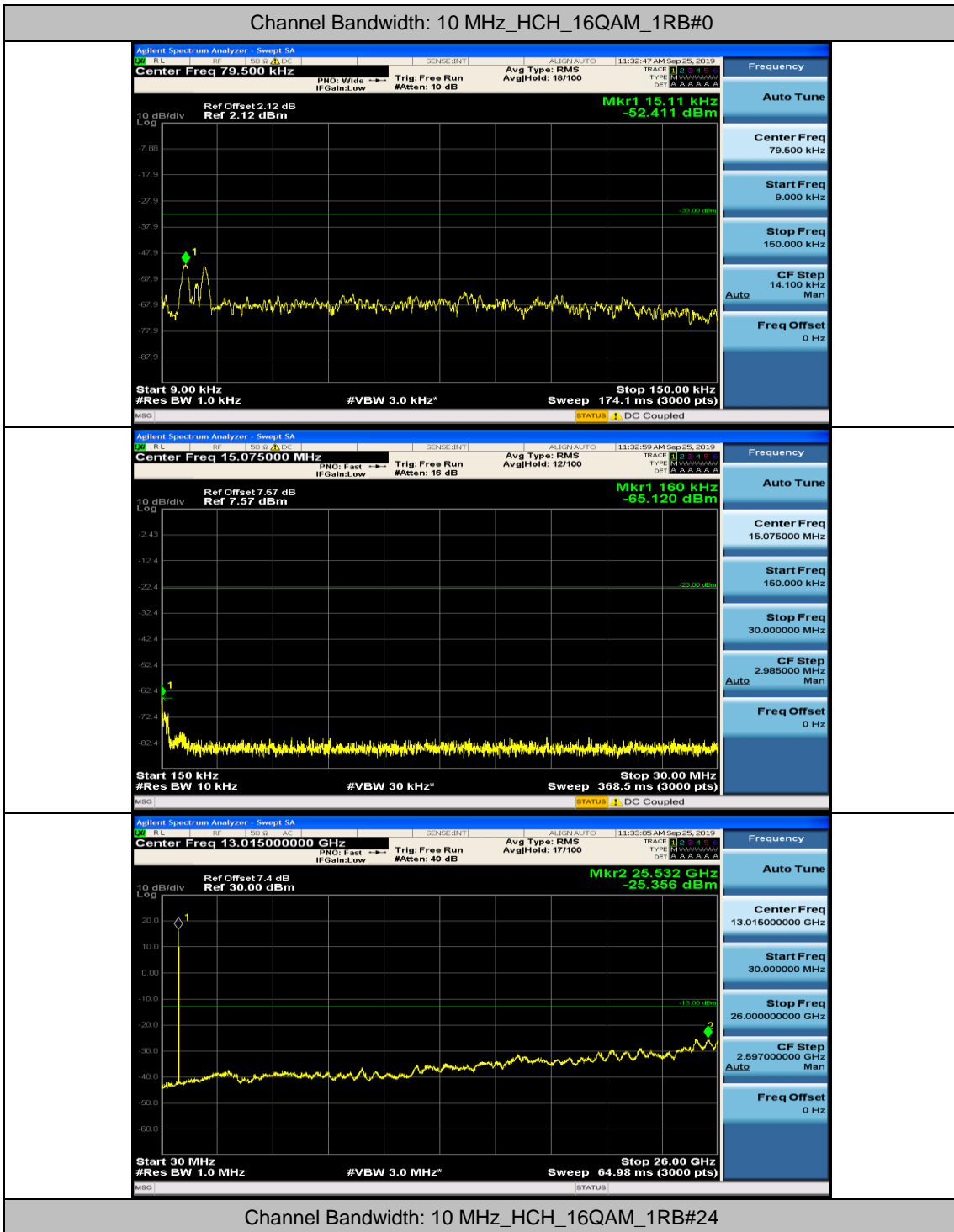




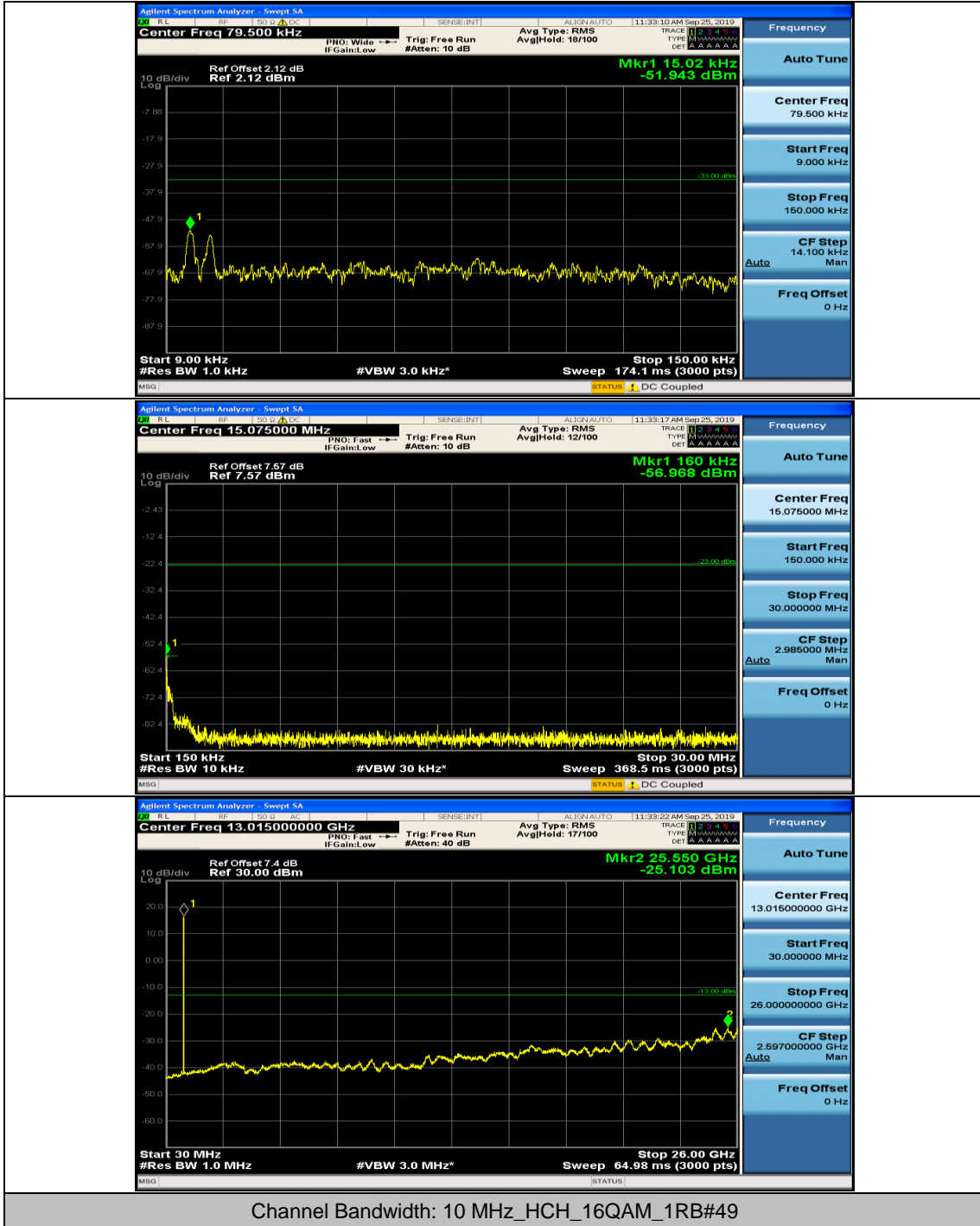


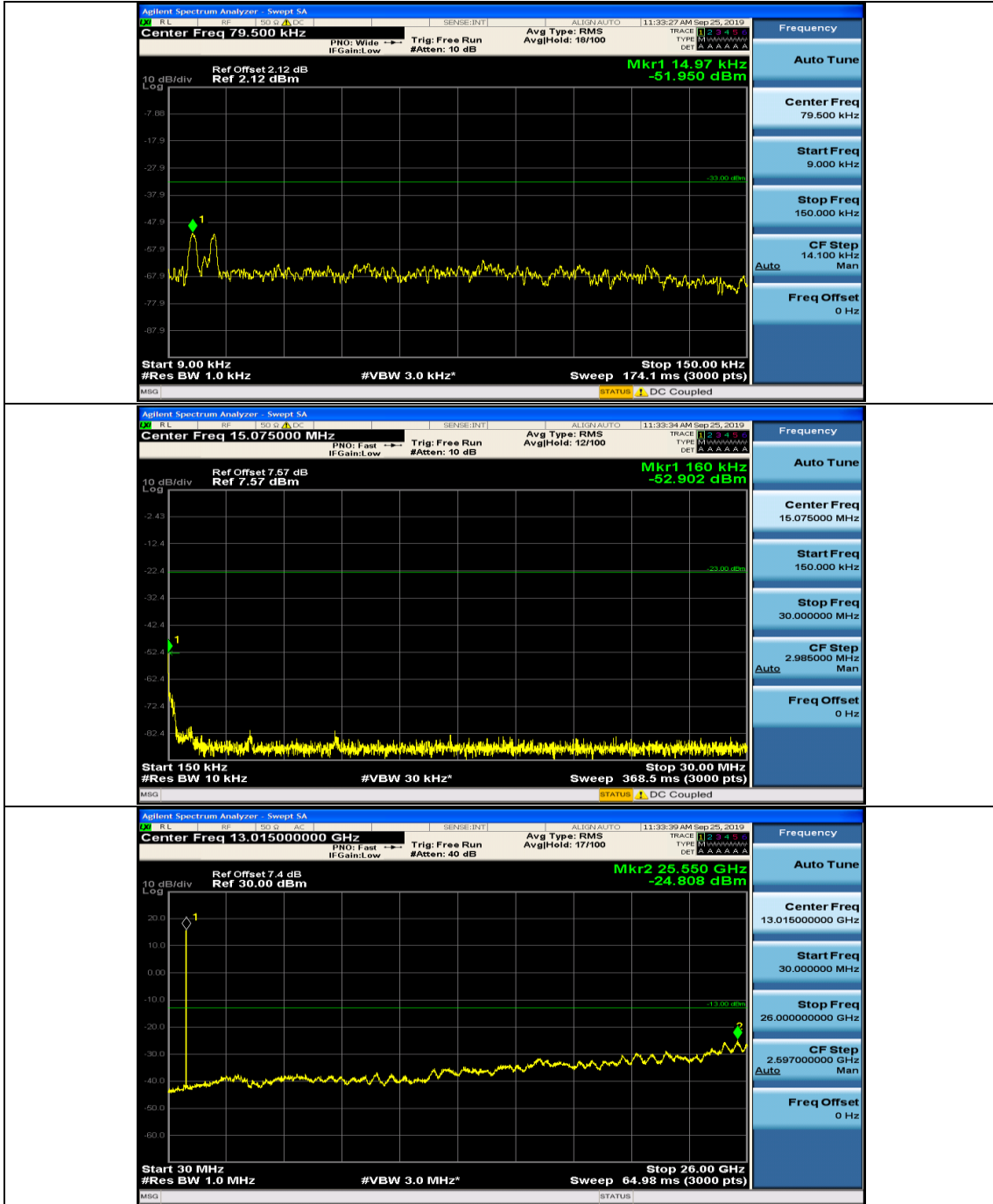






Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (ppm) | Limit (ppm) | Verdict | |
|------------|---------|---------------|------------------|------------------|-----------------|-------------|---------|
| QPSK | LCH | VL | TN | -0.001454 | ± 2.5 | PASS | |
| | | VN | TN | -0.000989 | ± 2.5 | PASS | |
| | | VH | TN | -0.001281 | ± 2.5 | PASS | |
| | MCH | VL | TN | -0.002233 | ± 2.5 | PASS | |
| | | VN | TN | 0.000291 | ± 2.5 | PASS | |
| | | VH | TN | -0.001881 | ± 2.5 | PASS | |
| | HCH | VL | TN | -0.000414 | ± 2.5 | PASS | |
| | | VN | TN | 0.000995 | ± 2.5 | PASS | |
| | | VH | TN | -0.000701 | ± 2.5 | PASS | |
| | 16QAM | LCH | VL | TN | -0.001881 | ± 2.5 | PASS |
| | | | VN | TN | -0.001977 | ± 2.5 | PASS |
| | | | VH | TN | -0.001251 | ± 2.5 | PASS |
| MCH | | VL | TN | -0.001234 | ± 2.5 | PASS | |
| | | VN | TN | -0.001436 | ± 2.5 | PASS | |
| | | VH | TN | -0.000118 | ± 2.5 | PASS | |
| HCH | | VL | TN | -0.000439 | ± 2.5 | PASS | |
| | | VN | TN | -0.001400 | ± 2.5 | PASS | |
| | | VH | TN | -0.001654 | ± 2.5 | PASS | |
| Modulation | | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | | LCH | VN | -30 | -0.000849 | ± 2.5 | PASS |
| | | | VN | -20 | -0.000918 | ± 2.5 | PASS |
| | VN | | -10 | -0.000919 | ± 2.5 | PASS | |
| | VN | | 0 | -0.000728 | ± 2.5 | PASS | |
| | VN | | 10 | -0.000671 | ± 2.5 | PASS | |
| | VN | | 20 | -0.001075 | ± 2.5 | PASS | |
| | VN | | 30 | -0.000052 | ± 2.5 | PASS | |
| | VN | | 40 | -0.000434 | ± 2.5 | PASS | |
| | VN | | 50 | -0.001353 | ± 2.5 | PASS | |
| | MCH | VN | -30 | -0.001471 | ± 2.5 | PASS | |
| | | VN | -20 | -0.000667 | ± 2.5 | PASS | |
| | | VN | -10 | -0.002548 | ± 2.5 | PASS | |

| | | | | | | | |
|-----|-----|-------|-----|-----------|----------|----------|-------|
| | | VN | 0 | -0.001315 | ± 2.5 | PASS | |
| | | VN | 10 | -0.001471 | ± 2.5 | PASS | |
| | | VN | 20 | -0.000479 | ± 2.5 | PASS | |
| | | VN | 30 | -0.000787 | ± 2.5 | PASS | |
| | | VN | 40 | -0.000103 | ± 2.5 | PASS | |
| | | VN | 50 | 0.000120 | ± 2.5 | PASS | |
| | HCH | VN | -30 | -0.003004 | ± 2.5 | PASS | |
| | | VN | -20 | -0.002059 | ± 2.5 | PASS | |
| | | VN | -10 | -0.002515 | ± 2.5 | PASS | |
| | | VN | 0 | -0.001671 | ± 2.5 | PASS | |
| | | VN | 10 | -0.001024 | ± 2.5 | PASS | |
| | | VN | 20 | -0.000287 | ± 2.5 | PASS | |
| | | VN | 30 | -0.000388 | ± 2.5 | PASS | |
| | | VN | 40 | 0.000034 | ± 2.5 | PASS | |
| | | VN | 50 | 0.000894 | ± 2.5 | PASS | |
| | | 16QAM | LCH | VN | -30 | 0.000329 | ± 2.5 |
| | VN | | | -20 | 0.000468 | ± 2.5 | PASS |
| VN | -10 | | | -0.000624 | ± 2.5 | PASS | |
| VN | 0 | | | 0.000087 | ± 2.5 | PASS | |
| VN | 10 | | | 0.0007563 | ± 2.5 | PASS | |
| VN | 20 | | | -0.000833 | ± 2.5 | PASS | |
| VN | 30 | | | -0.001977 | ± 2.5 | PASS | |
| VN | 40 | | | -0.001665 | ± 2.5 | PASS | |
| VN | 50 | | | -0.002654 | ± 2.5 | PASS | |
| MCH | VN | | -30 | -0.000359 | ± 2.5 | PASS | |
| | VN | | -20 | -0.001163 | ± 2.5 | PASS | |
| | VN | | -10 | 0.001248 | ± 2.5 | PASS | |
| | VN | | 0 | -0.001334 | ± 2.5 | PASS | |
| | VN | | 10 | -0.001374 | ± 2.5 | PASS | |
| | VN | | 20 | -0.002155 | ± 2.5 | PASS | |
| | VN | | 30 | -0.001094 | ± 2.5 | PASS | |
| | VN | | 40 | -0.000462 | ± 2.5 | PASS | |
| | VN | | 50 | 0.000547 | ± 2.5 | PASS | |
| HCH | VN | | -30 | -0.002701 | ± 2.5 | PASS | |
| | VN | | -20 | -0.001941 | ± 2.5 | PASS | |
| | VN | | -10 | -0.000861 | ± 2.5 | PASS | |
| | VN | | 0 | -0.000473 | ± 2.5 | PASS | |
| | VN | | 10 | -0.002247 | ± 2.5 | PASS | |
| | VN | | 20 | 0.000675 | ± 2.5 | PASS | |
| | VN | | 30 | -0.000978 | ± 2.5 | PASS | |
| | VN | | 40 | -0.000742 | ± 2.5 | PASS | |
| | VN | | 50 | -0.000169 | ± 2.5 | PASS | |

