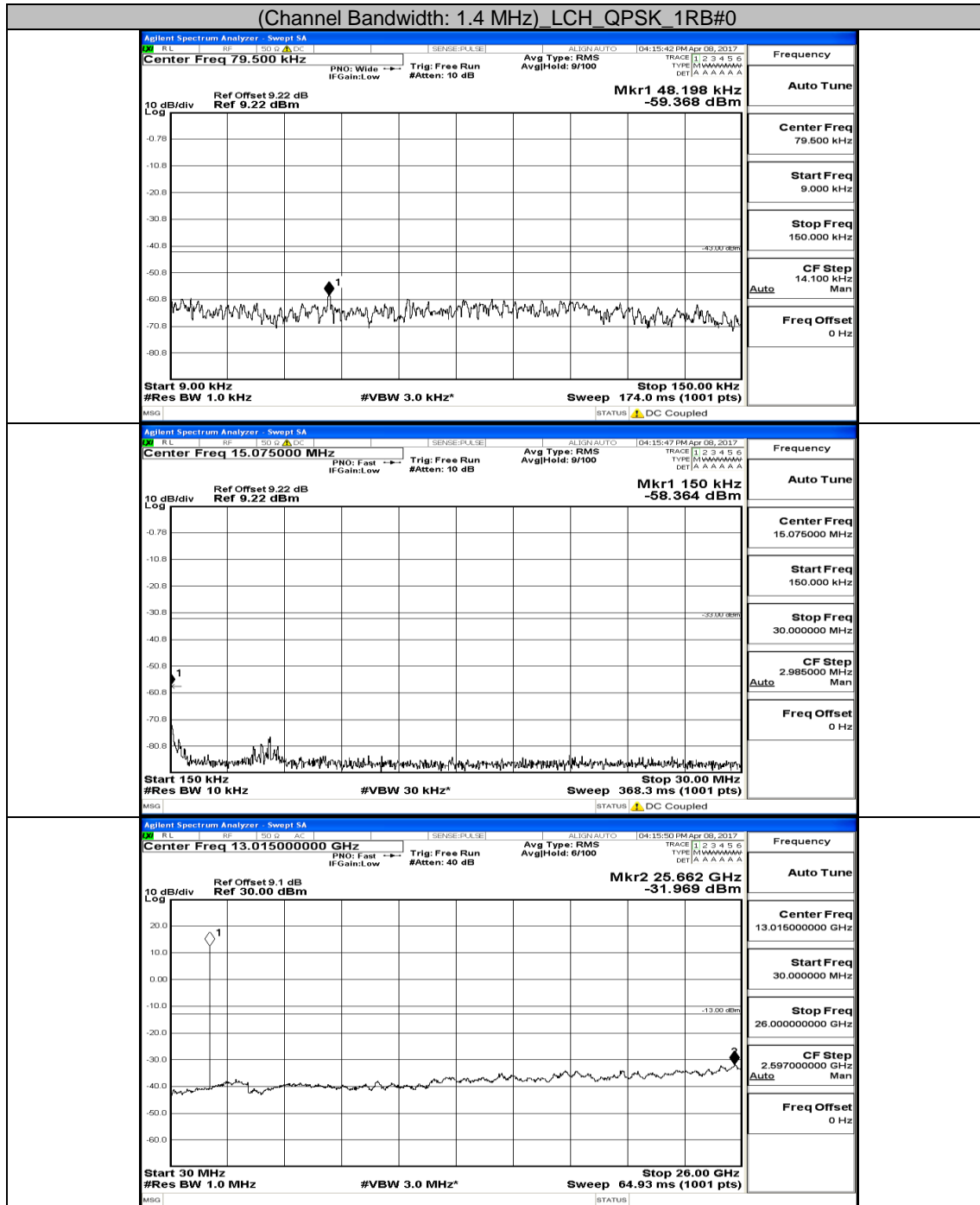
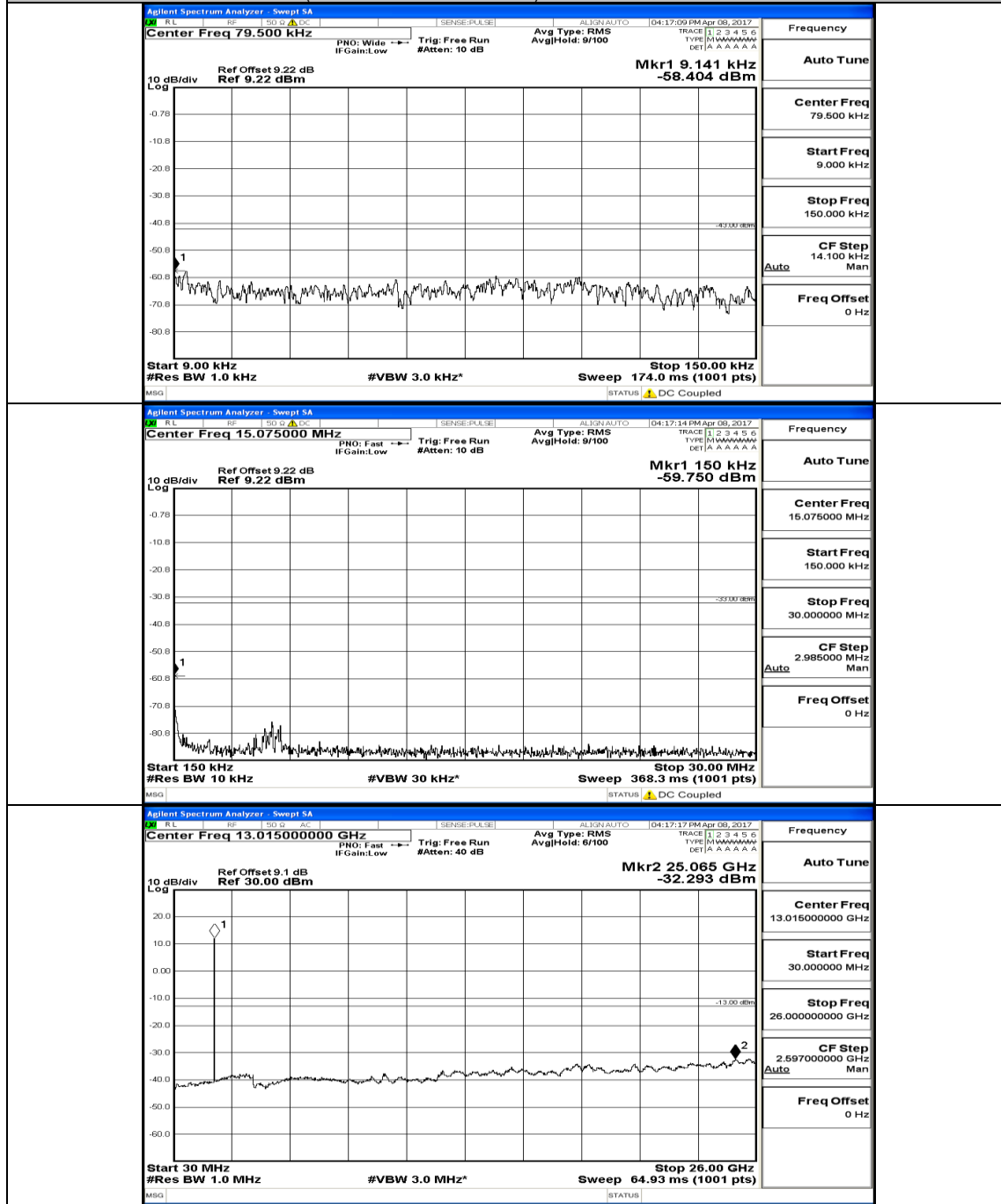


Appendix E: Conducted Spurious Emission LTE Band 2 Test Results

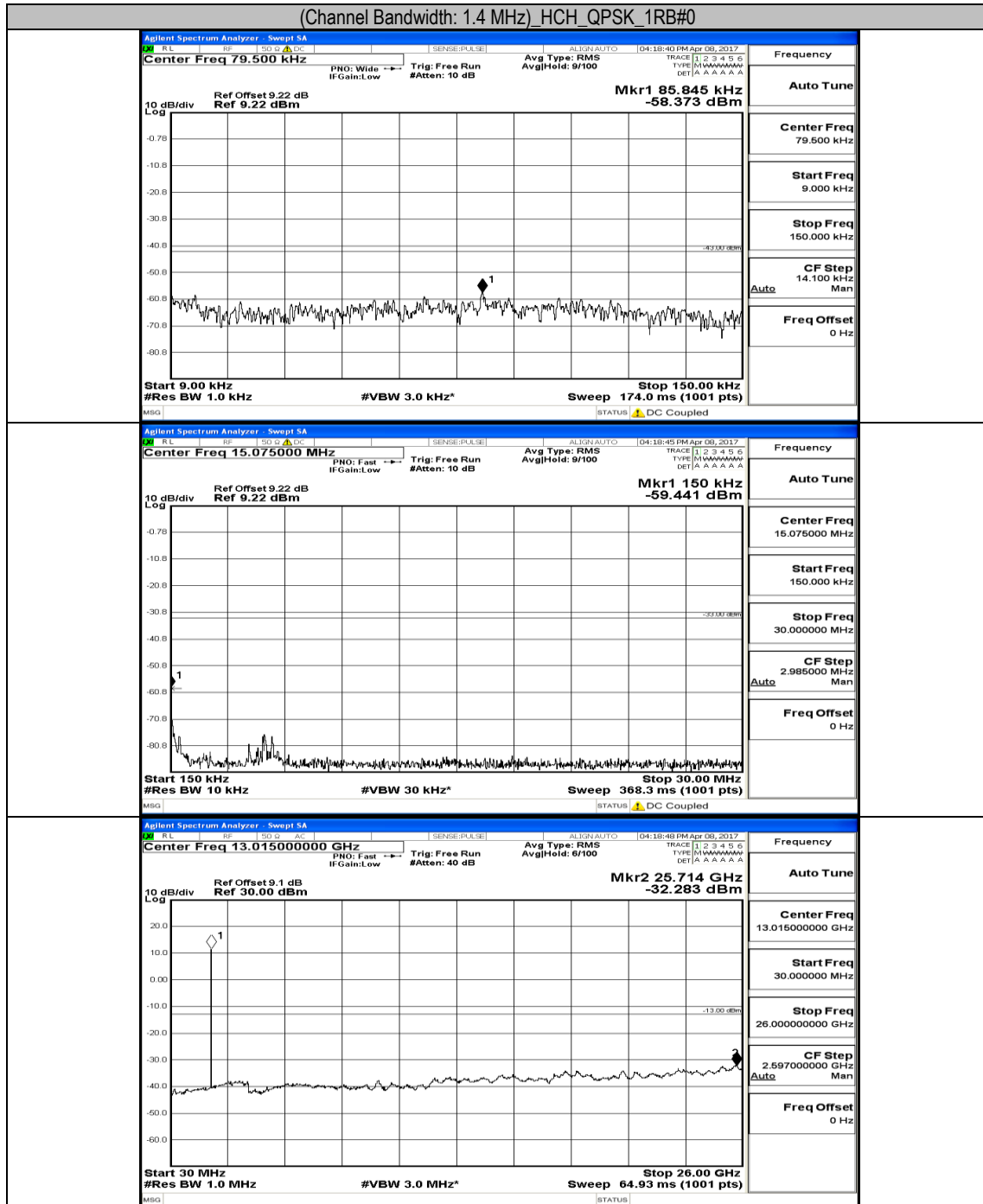
Channel Bandwidth: 1.4 MHz



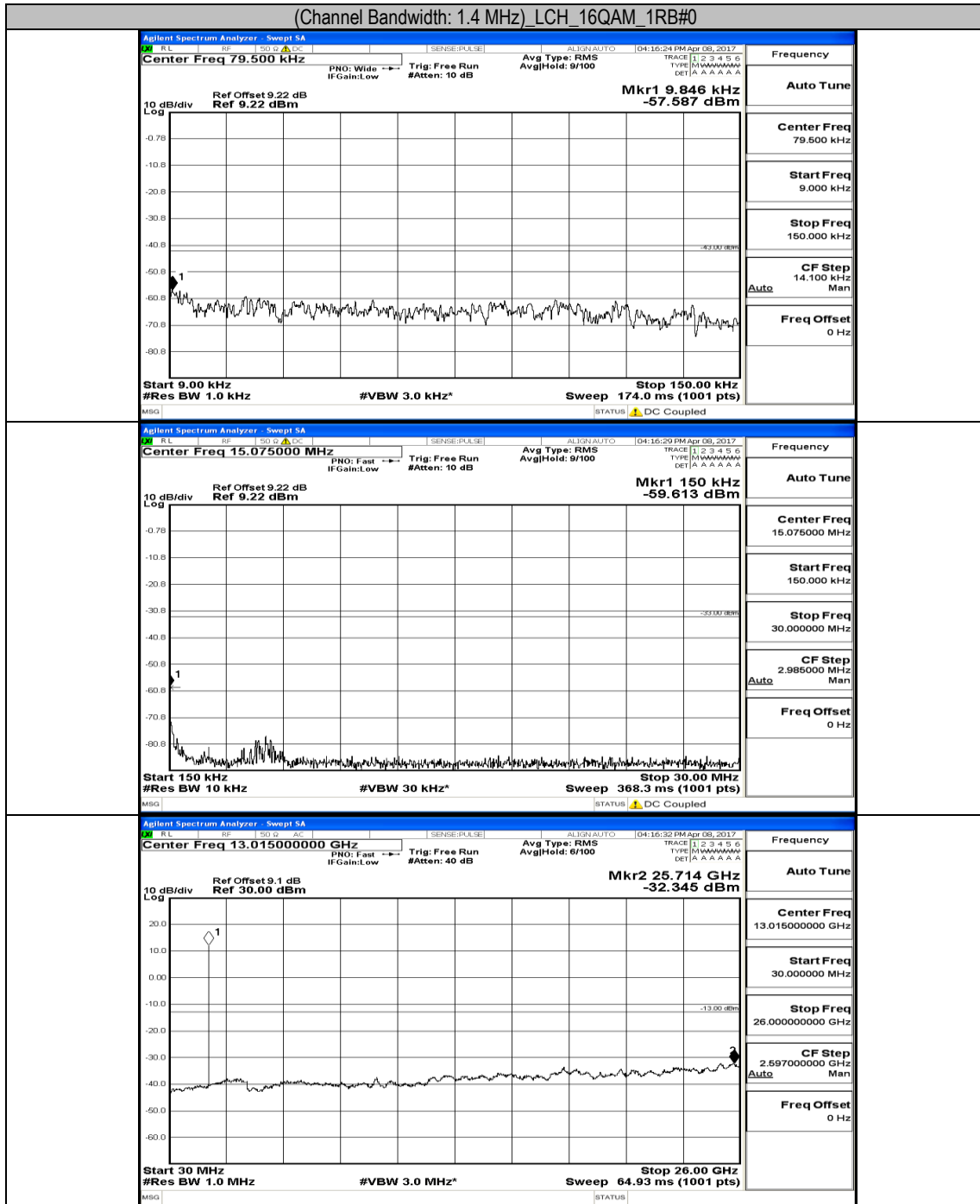
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



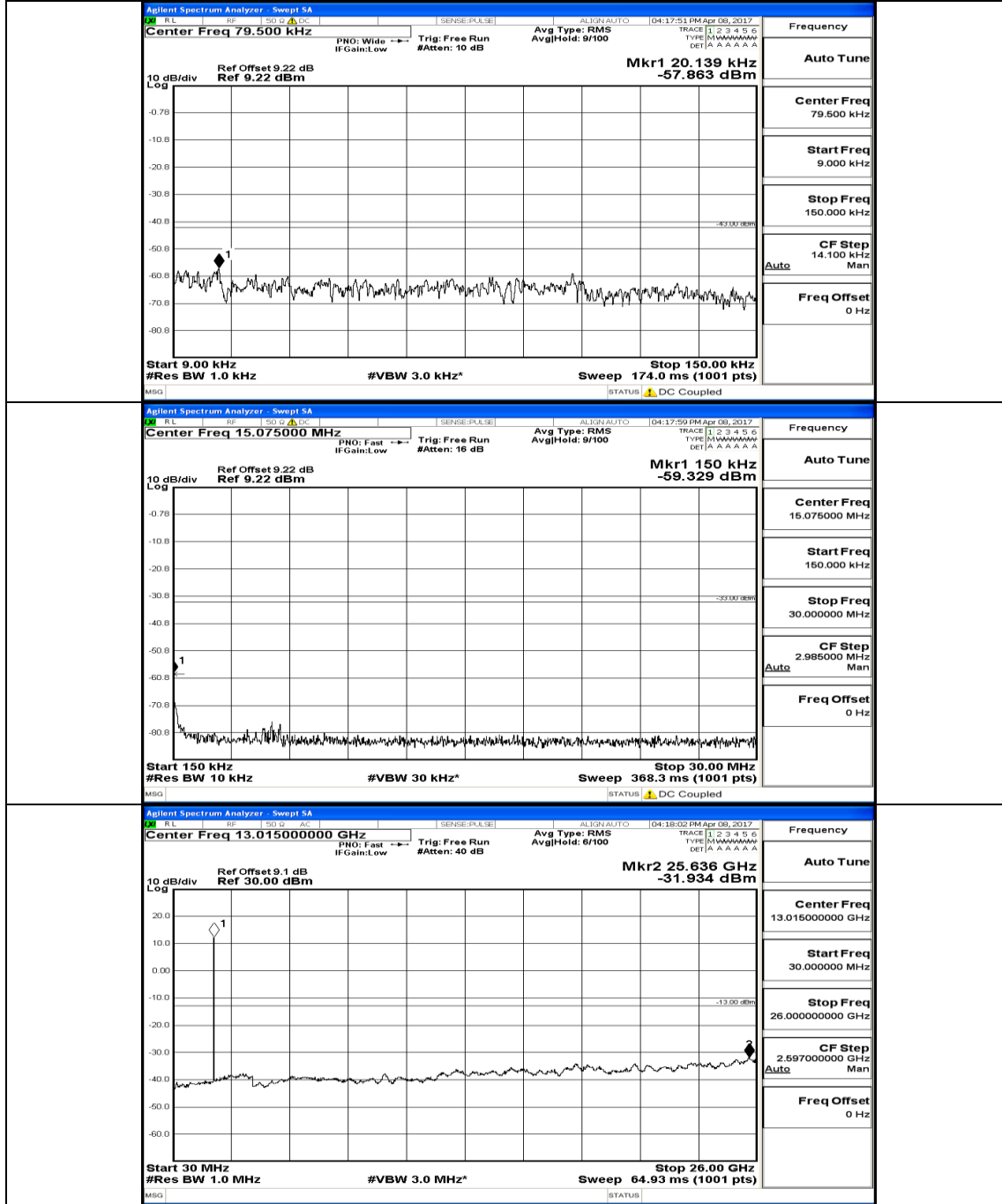
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



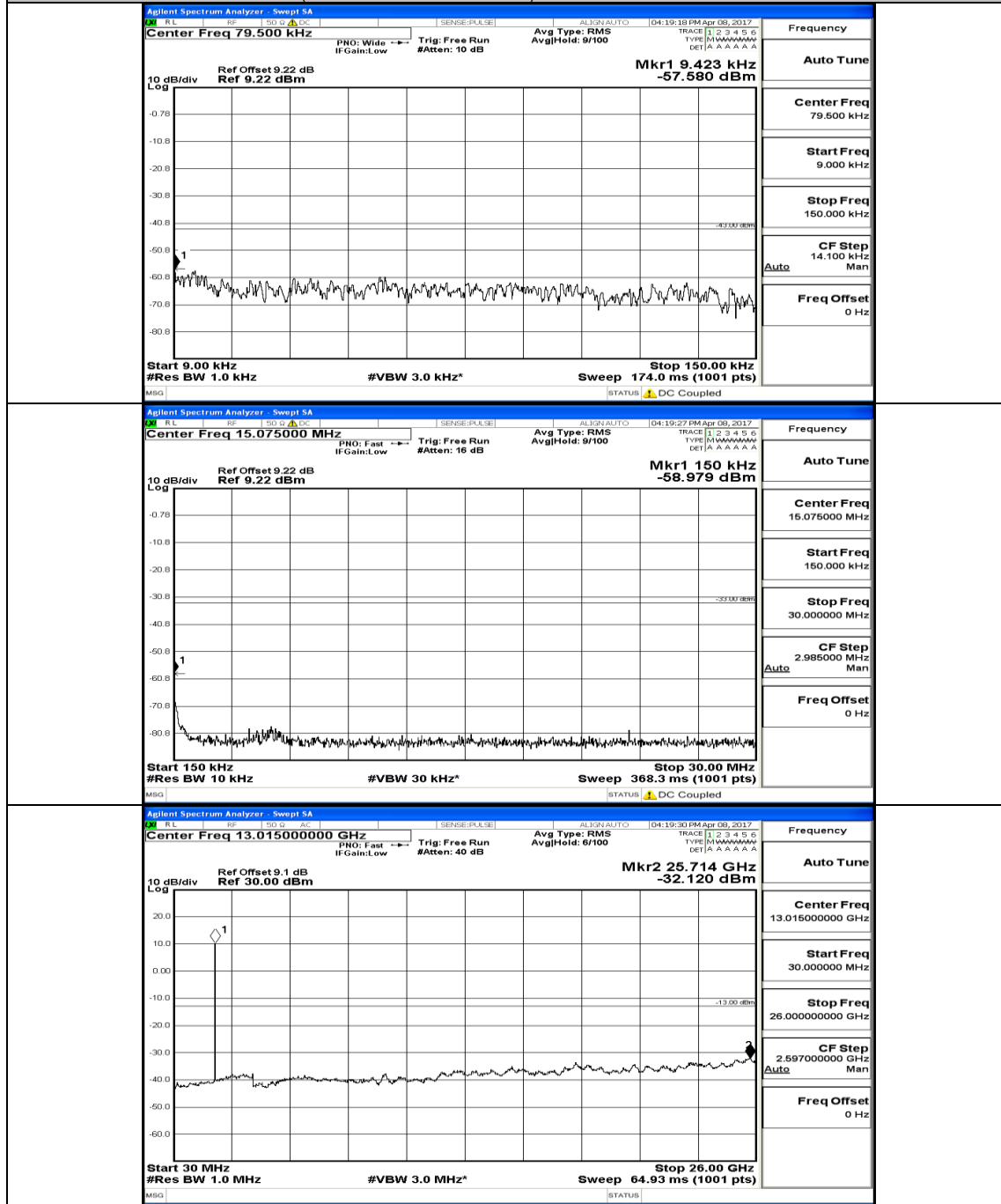
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



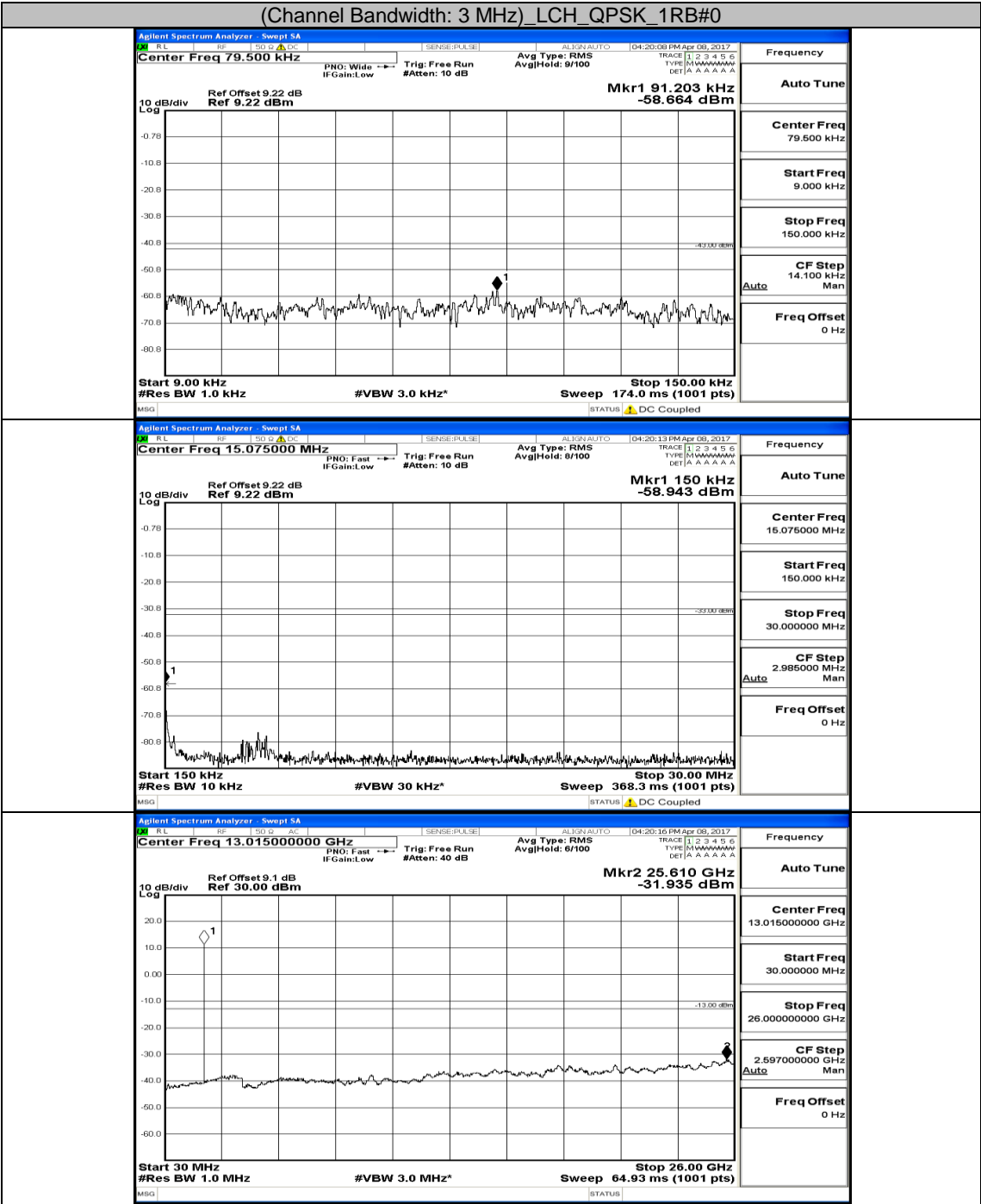
(Channel Bandwidth: 1.4 MHz) MCH_16QAM_1RB#0



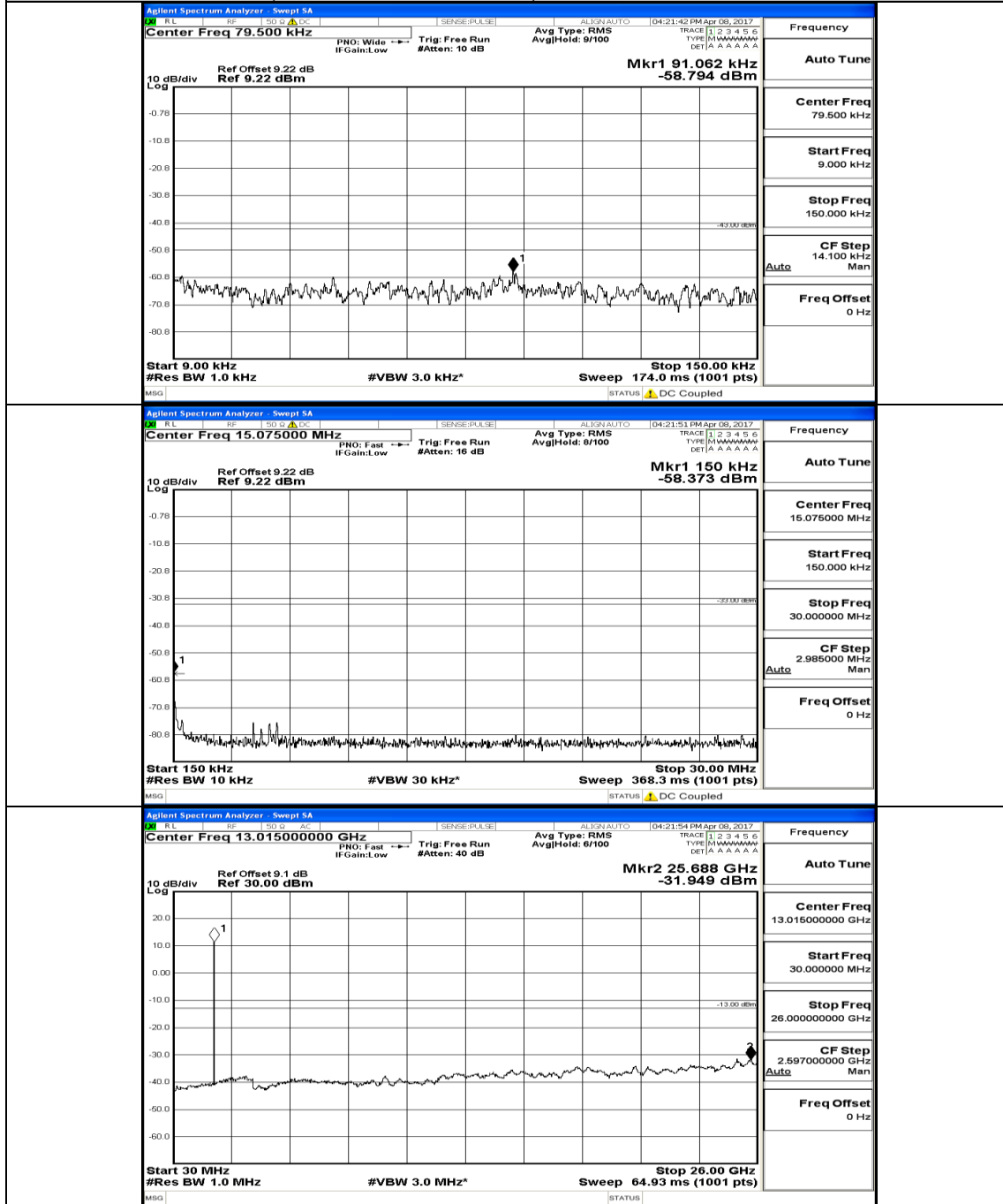
(Channel Bandwidth: 1.4 MHz) HCH_16QAM_1RB#0



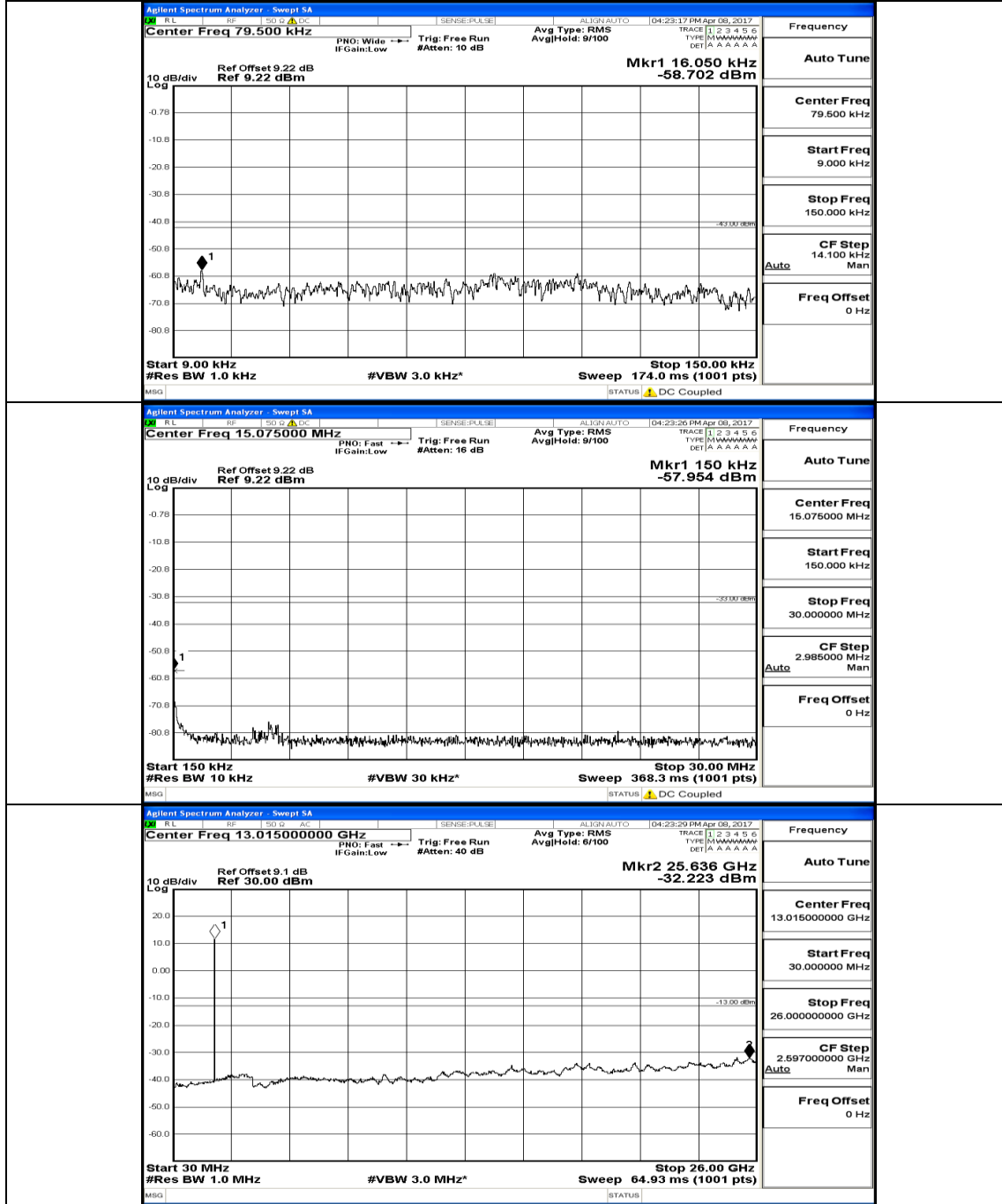
Channel Bandwidth: 3 MHz



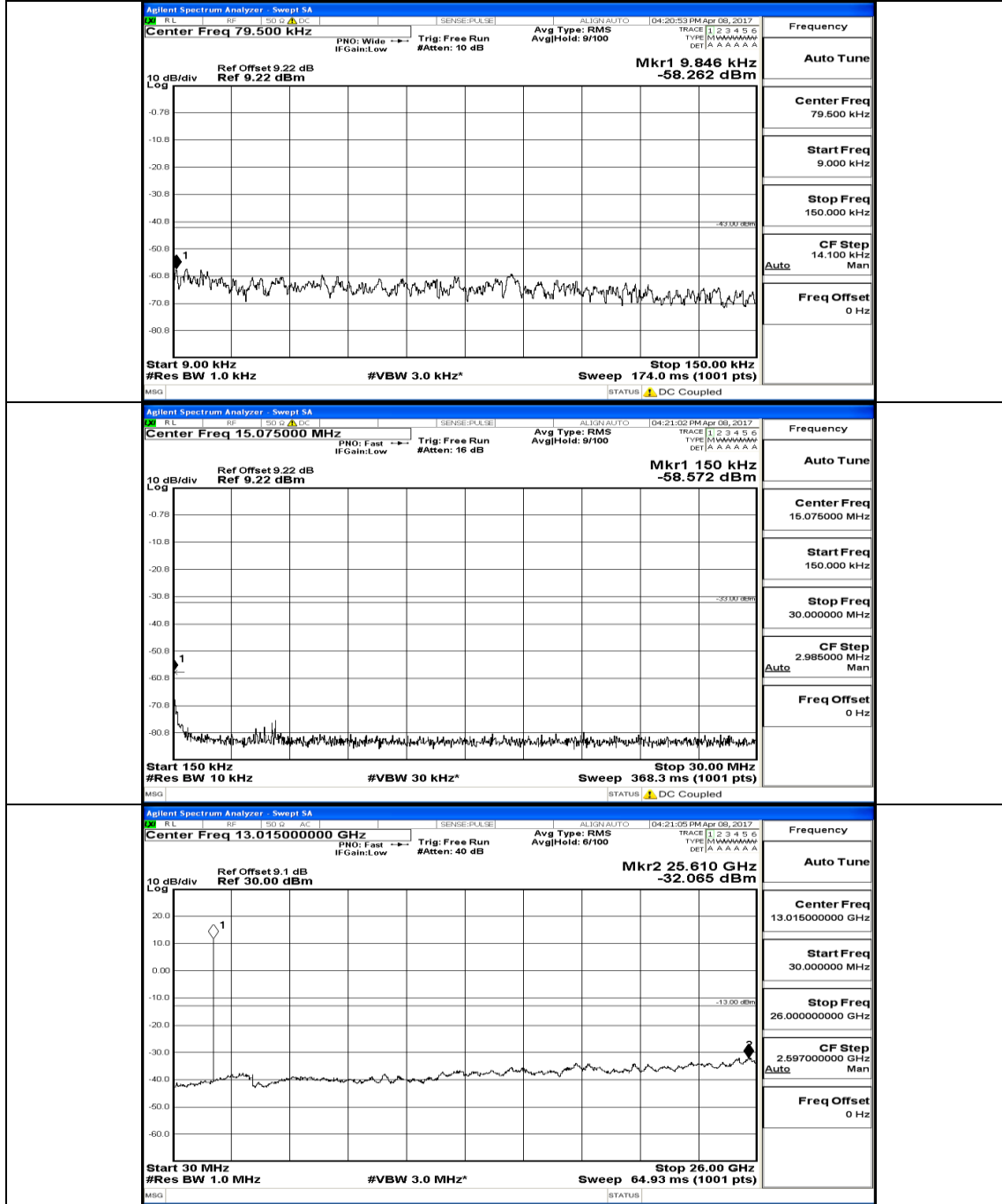
(Channel Bandwidth: 3 MHz) MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz) LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

Screenshot 1 (Top):

- Center Freq:** 79.500 kHz
- Ref Offset:** 9.22 dB
- Ref:** 9.22 dBm
- Mkr1:** 16.614 kHz, -57.770 dBm
- Start Freq:** 9.00 kHz
- Stop Freq:** 150.00 kHz
- #Res BW:** 1.0 kHz
- #VBW:** 3.0 kHz
- Sweep:** 174.0 ms (1001 pts)

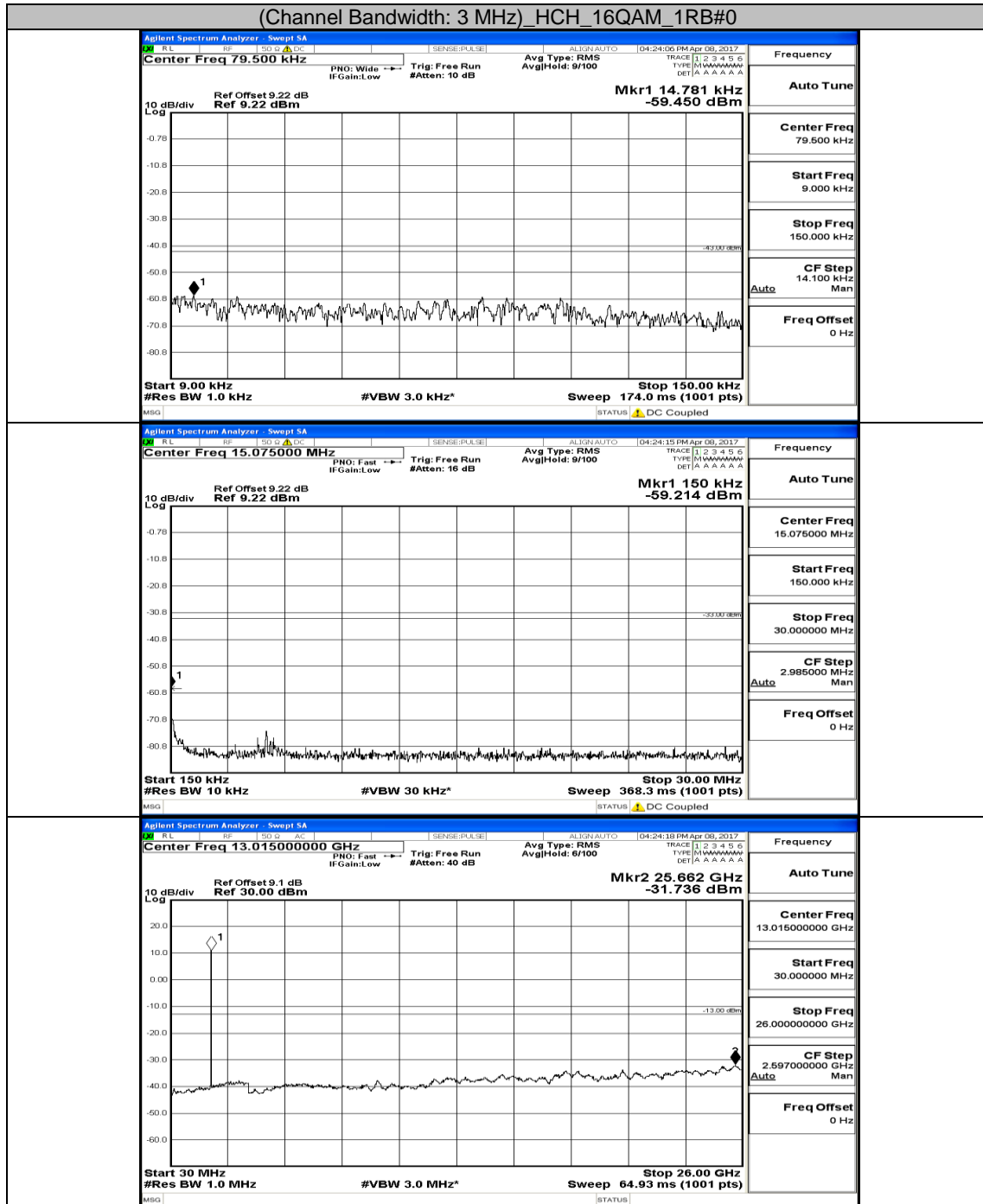
Screenshot 2 (Middle):

- Center Freq:** 15.075000 MHz
- Ref Offset:** 9.22 dB
- Ref:** 9.22 dBm
- Mkr1:** 150 kHz, -58.816 dBm
- Start Freq:** 150 kHz
- Stop Freq:** 30.000 MHz
- #Res BW:** 10 kHz
- #VBW:** 30 kHz
- Sweep:** 368.3 ms (1001 pts)

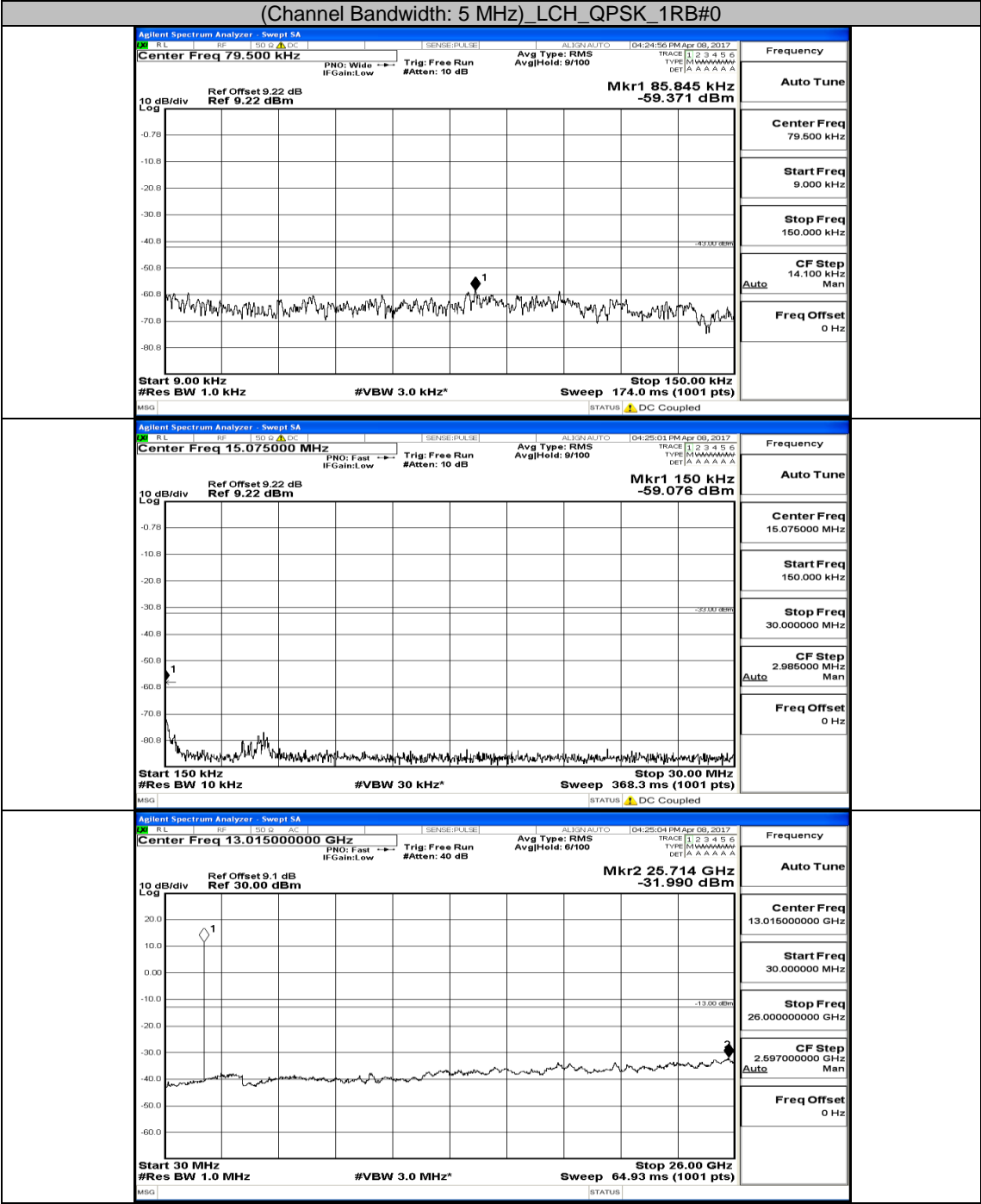
Screenshot 3 (Bottom):

- Center Freq:** 13.015000000 GHz
- Ref Offset:** 9.1 dB
- Ref:** 30.00 dBm
- Mkr2:** 25.636 GHz, -31.783 dBm
- Start Freq:** 30 MHz
- Stop Freq:** 26.000 GHz
- #Res BW:** 1.0 MHz
- #VBW:** 3.0 MHz
- Sweep:** 64.93 ms (1001 pts)

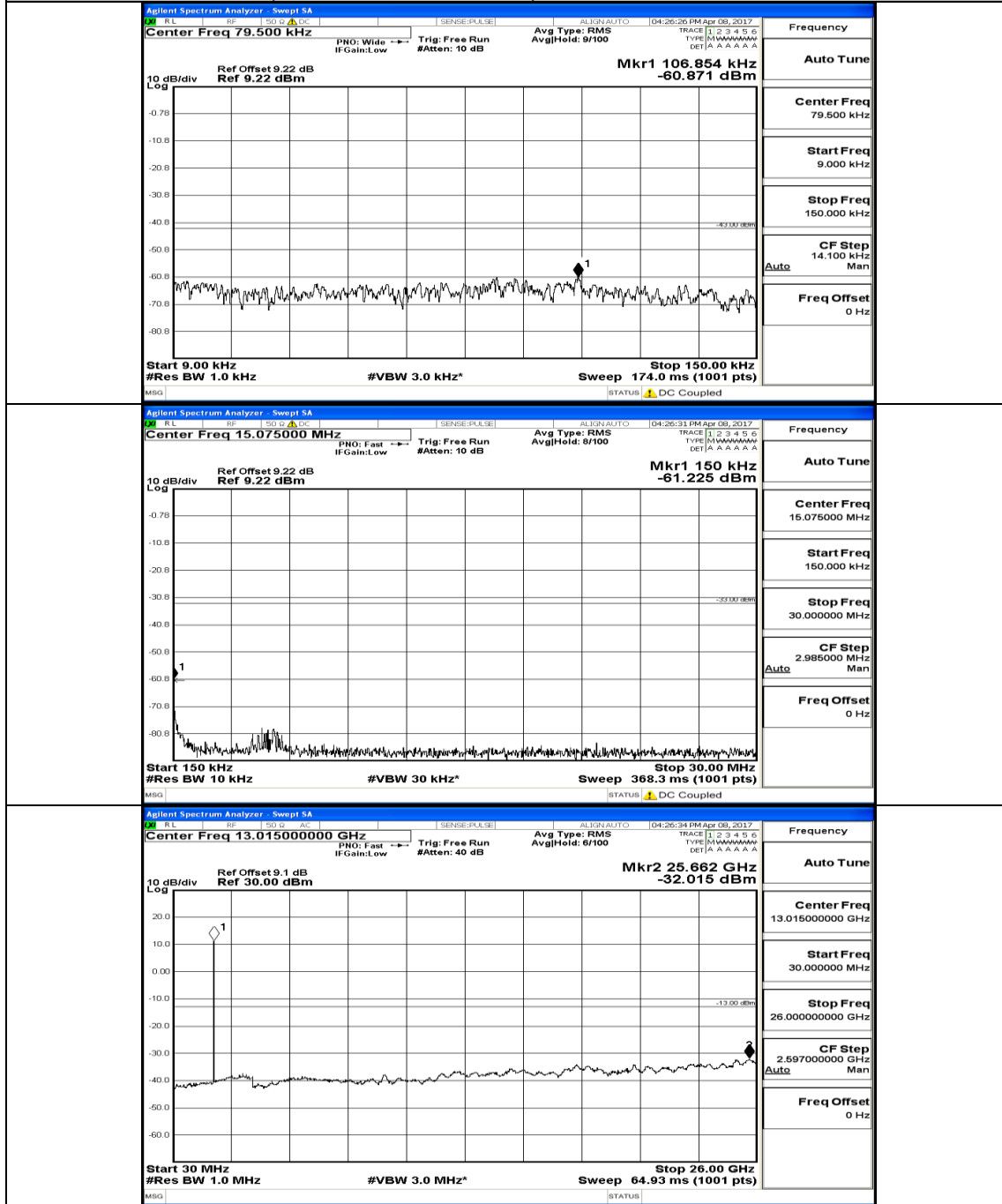
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



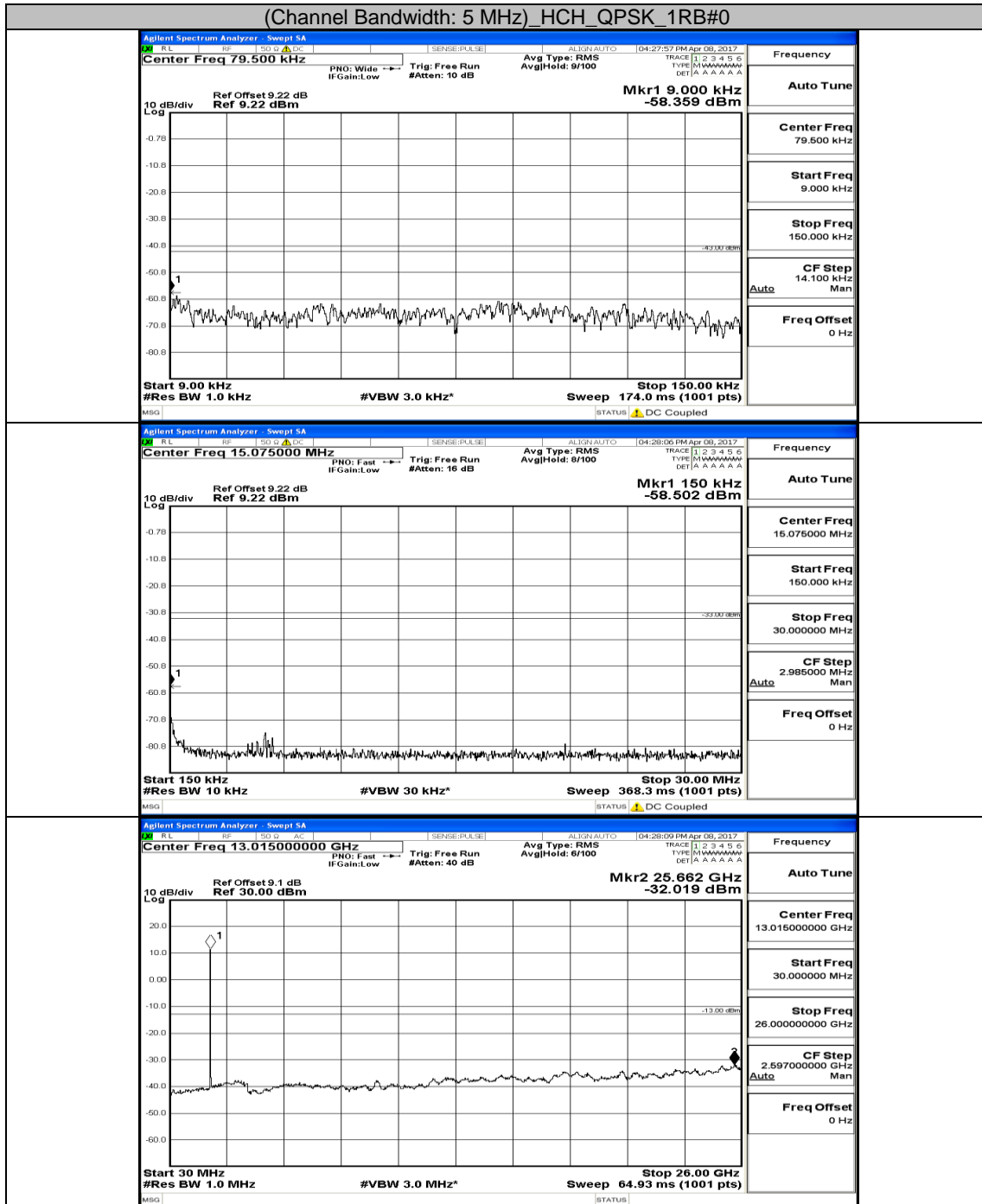
Channel Bandwidth: 5 MHz



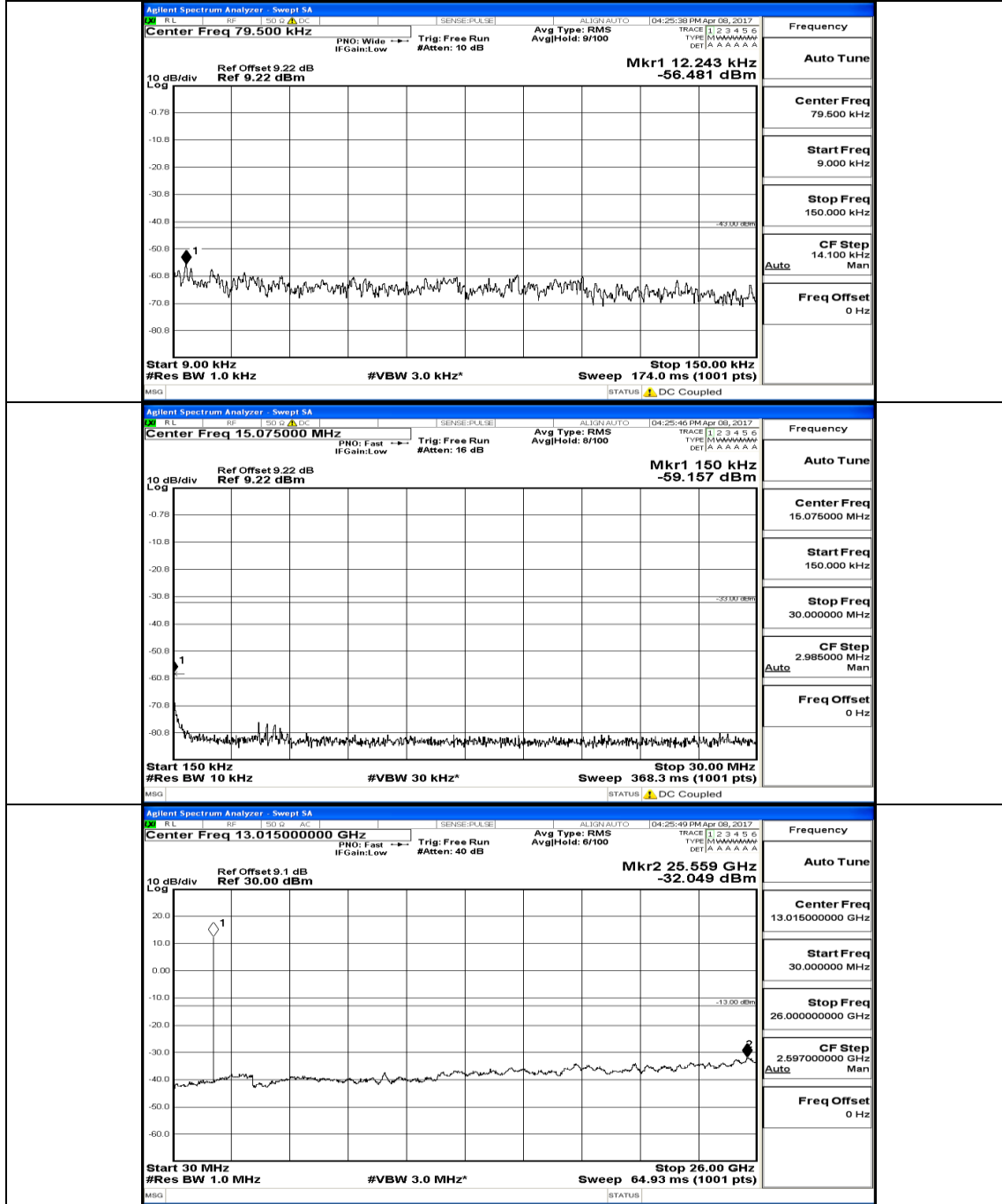
(Channel Bandwidth: 5 MHz) MCH_QPSK_1RB#0



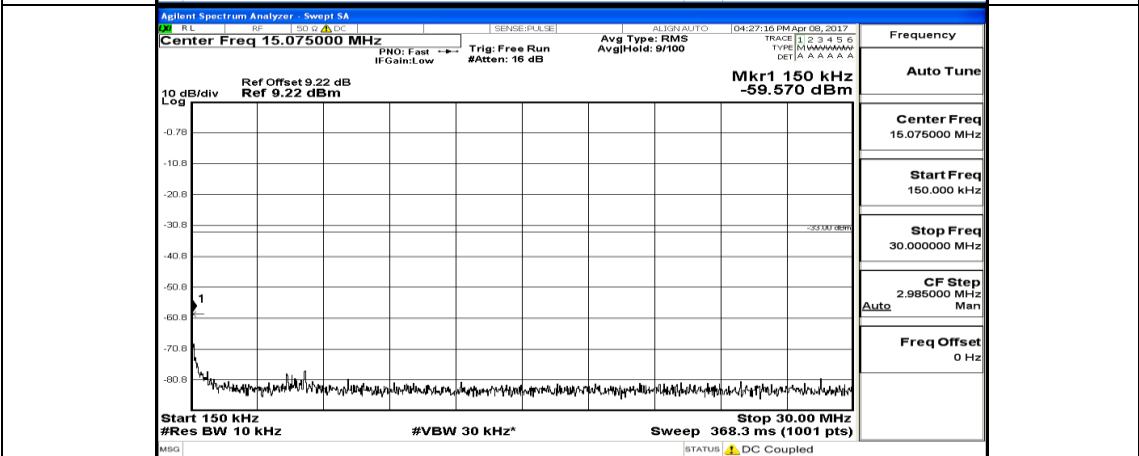
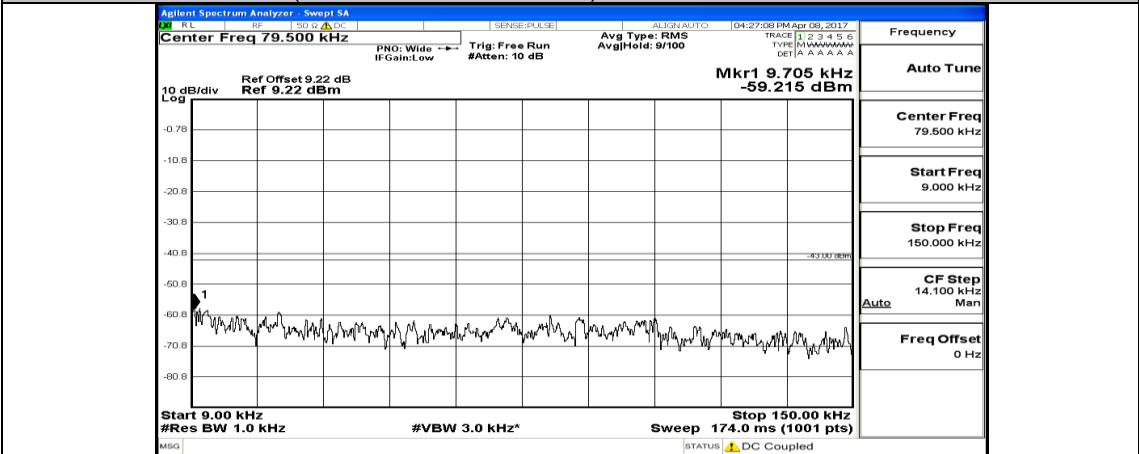
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



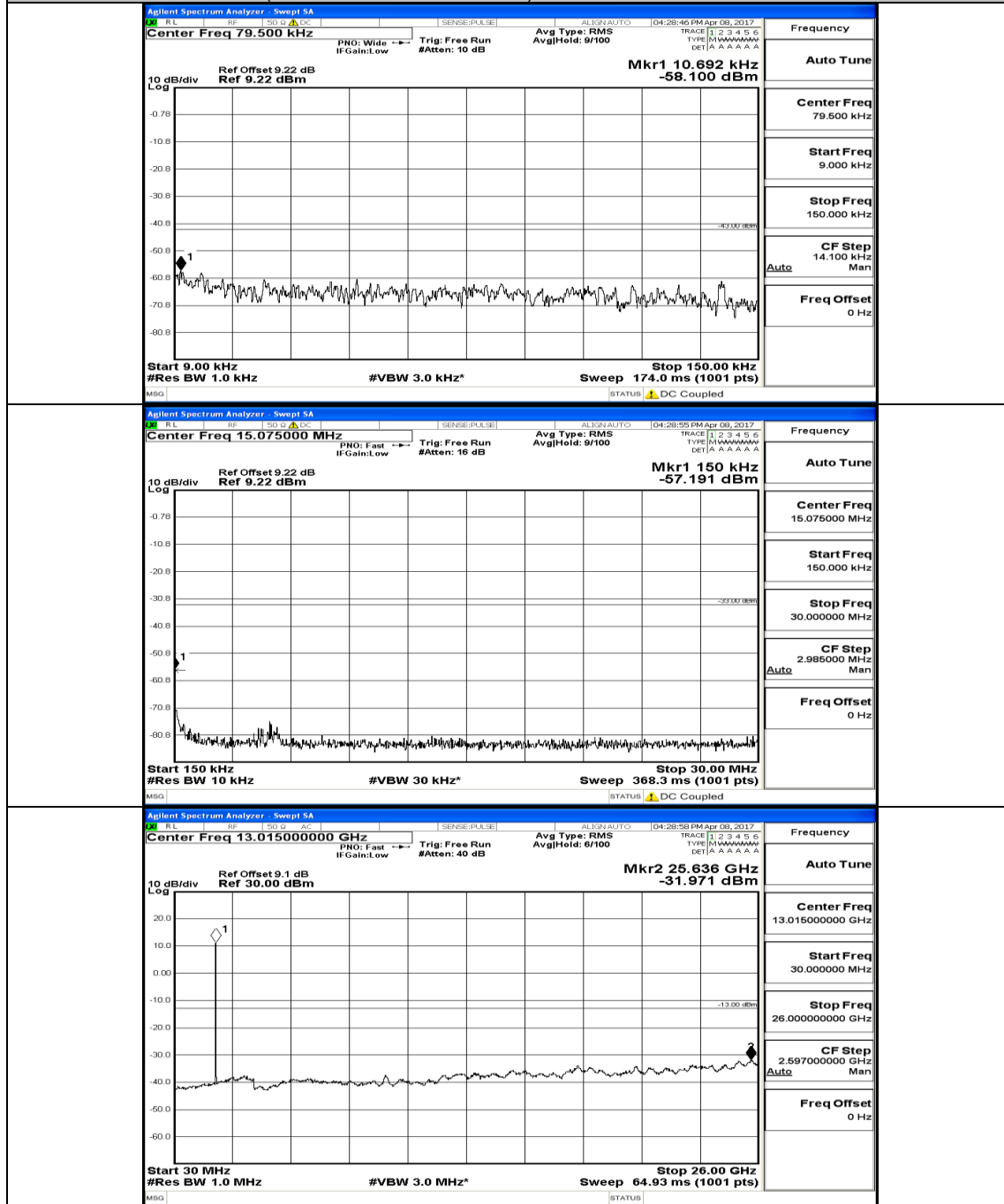
(Channel Bandwidth: 5 MHz) LCH_16QAM_1RB#0



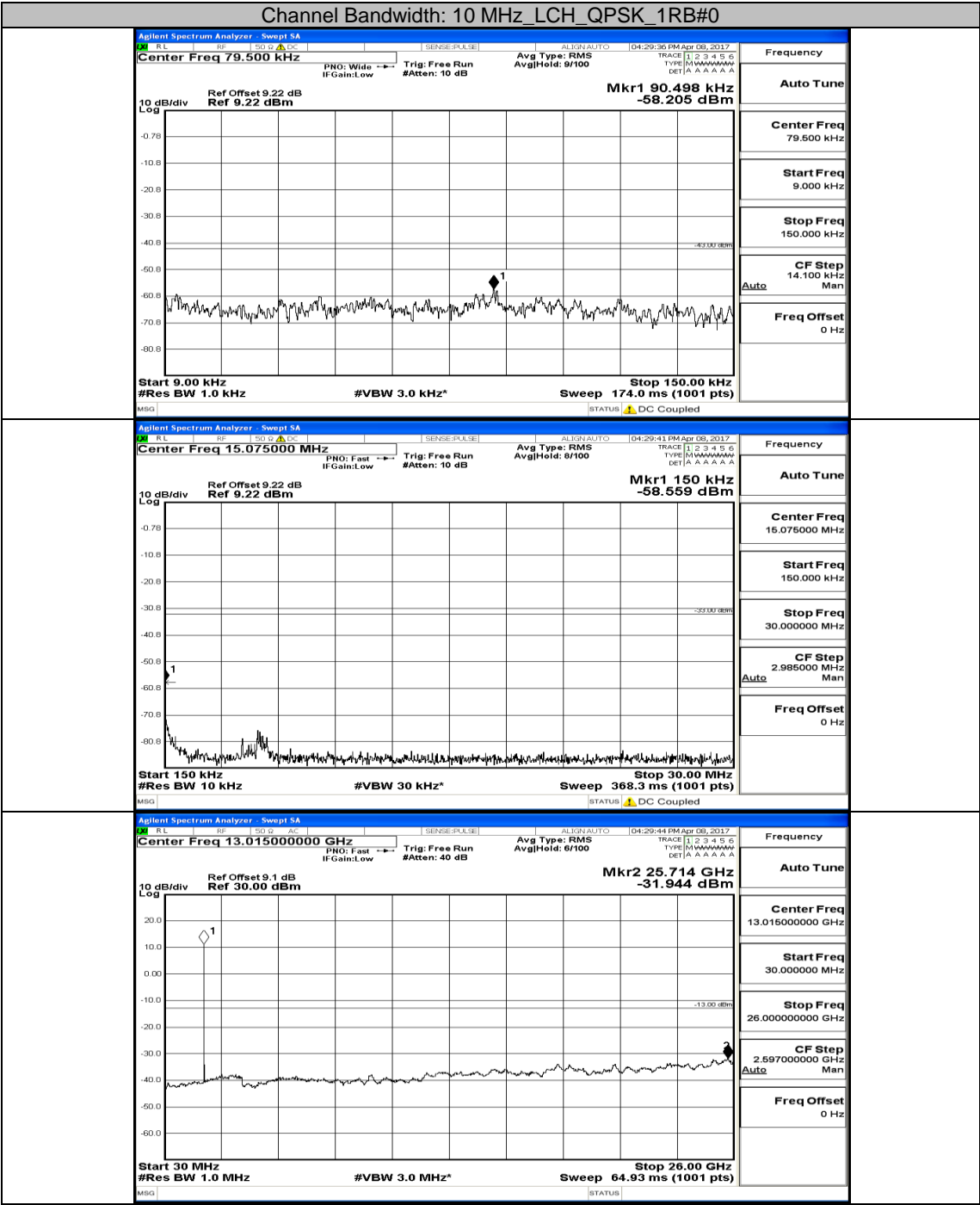
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



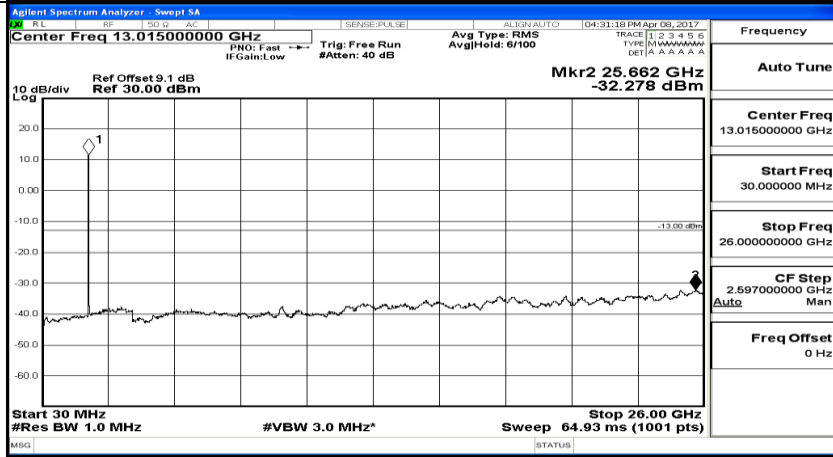
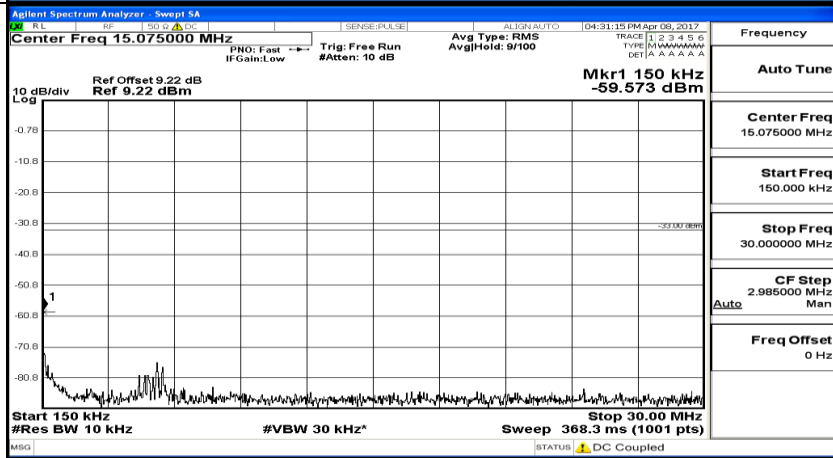
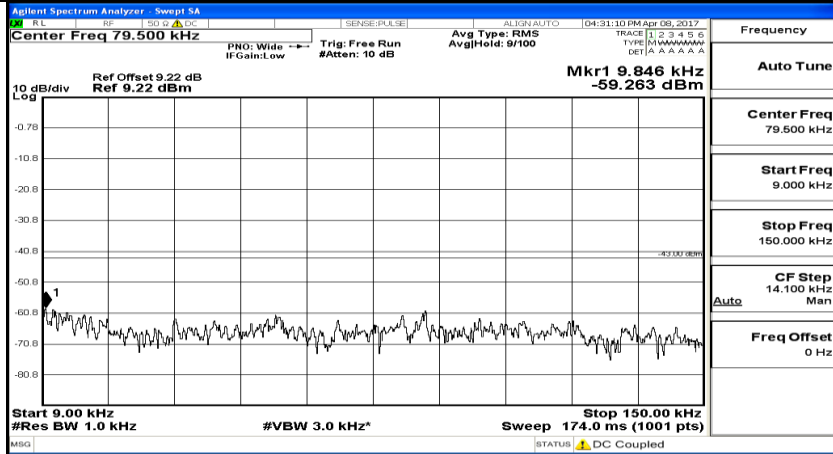
(Channel Bandwidth: 5 MHz) HCH_16QAM_1RB#0



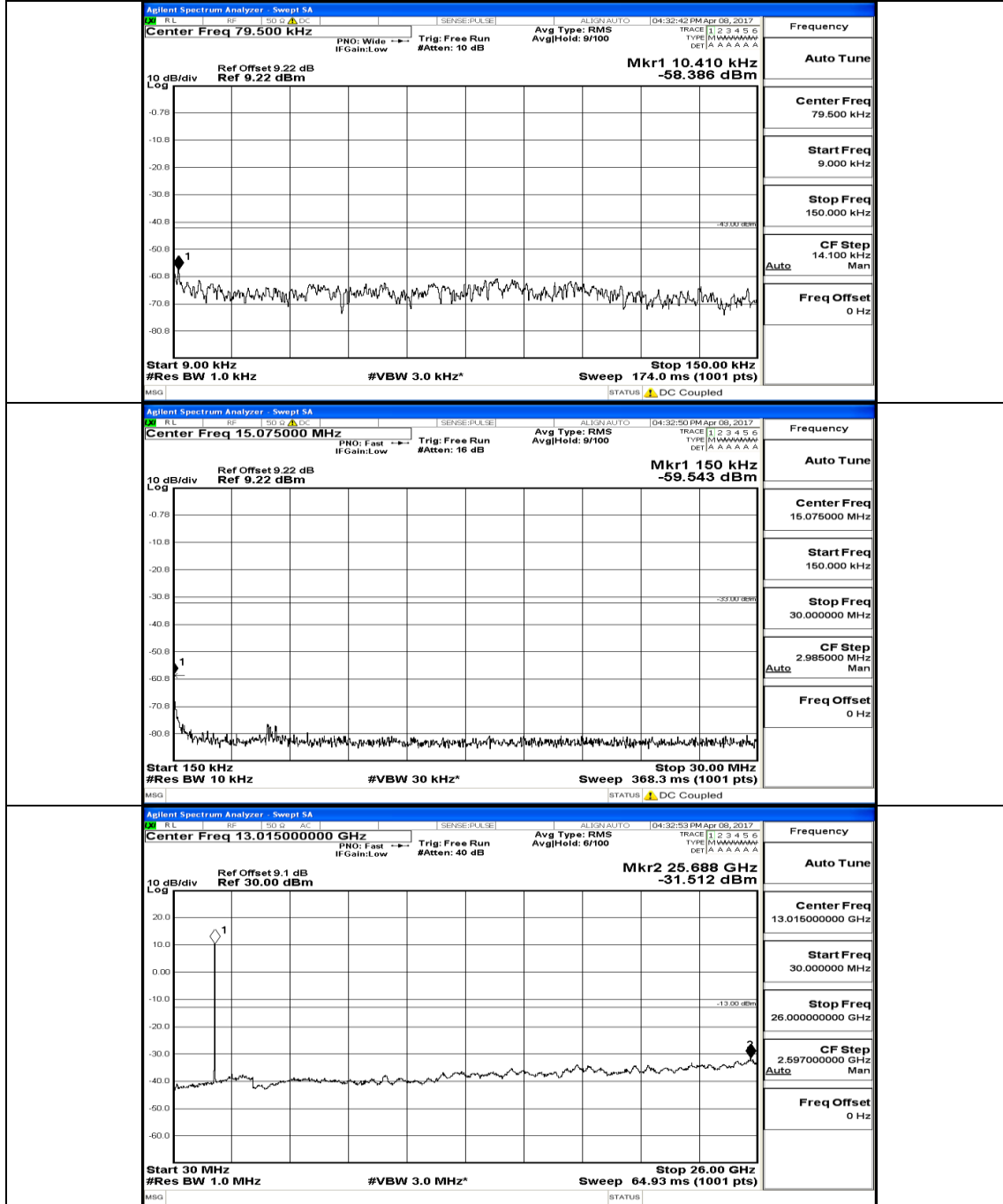
Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Agilent Spectrum Analyzer - Sweep SA

RL

RF

50 Ω

DC

SENSE: PULSE

ALIGN: AUTO

04:32:50 PM Apr 08, 2017

Center Freq 15.075000 MHz

PNO: Fast

Trig: Free Run

Avg Type: RMS

IF Gain: Low

#Atten: 16 dB

Avg Hold: 9/100

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET A A A A A A A

10 dB/div

Ref Offset 9.22 dB

Mkr1 150 kHz

Ref 9.22 dBm

-59.543 dBm

Start 150 kHz

#Res BW 10 kHz

#VBW 30 kHz*

Sweep 368.3 ms (1001 pts)

Stop 30.000 MHz

MSIG

STATUS

DC Coupled

Frequency

Auto Tune

Center Freq 15.075000 MHz

Start Freq 150.000 kHz

Stop Freq 30.000000 MHz

CF Step 2.985000 MHz

Auto

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Sweep SA

RL

RF

50 Ω

DC

SENSE: PULSE

ALIGN: AUTO

04:32:53 PM Apr 08, 2017

Center Freq 13.015000000 GHz

PNO: Fast

Trig: Free Run

Avg Type: RMS

IF Gain: Low

#Atten: 40 dB

Avg Hold: 6/100

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W W W

DET A A A A A A A

10 dB/div

Ref Offset 9.1 dB

Mkr2 25.688 GHz

Ref 30.00 dBm

-31.512 dBm

Start 30 MHz

#Res BW 1.0 MHz

#VBW 3.0 MHz*

Sweep 64.93 ms (1001 pts)

Stop 26.00 GHz

MSIG

STATUS

Frequency

Auto Tune

Center Freq 13.015000000 GHz

Start Freq 30.000000 MHz

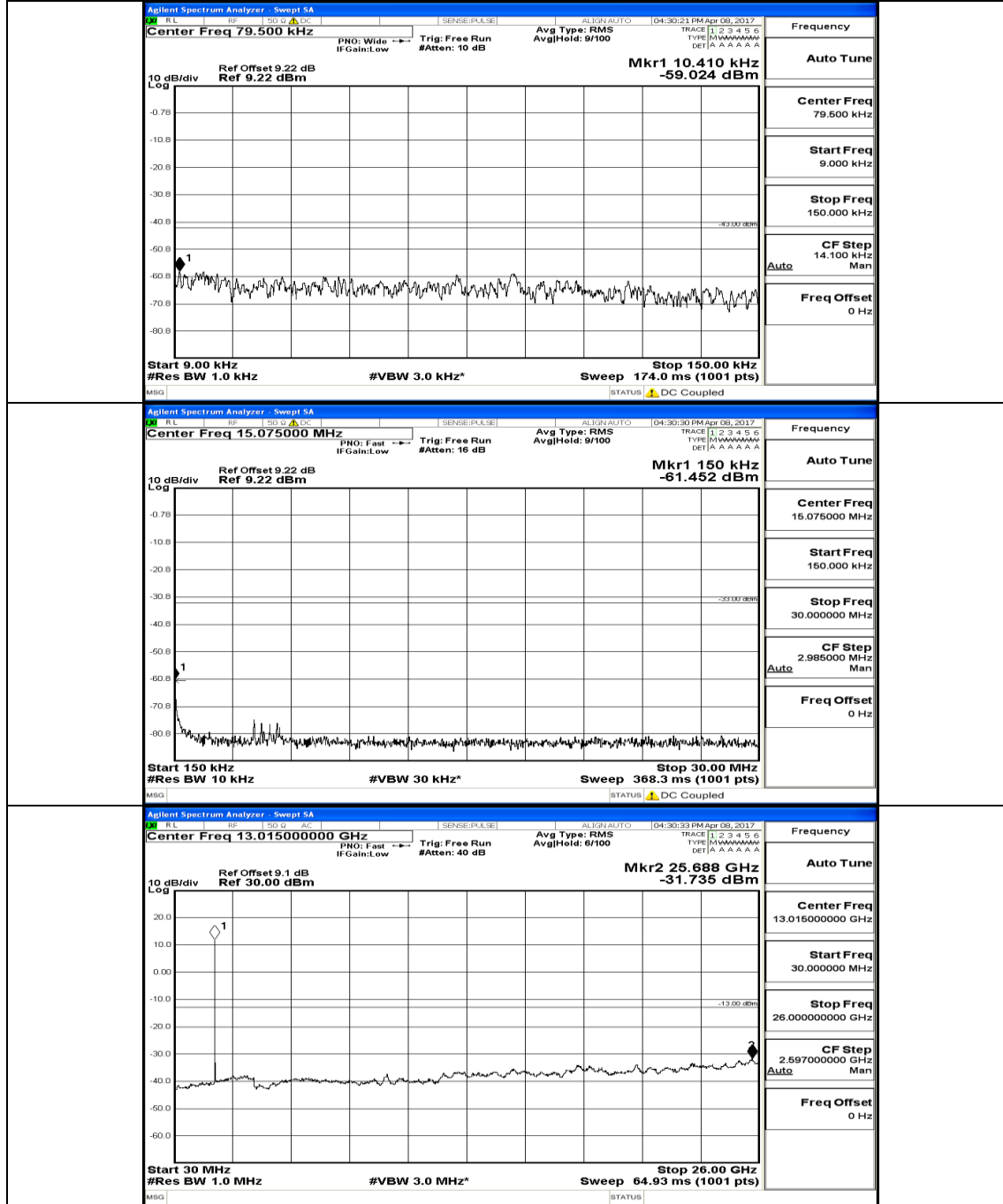
Stop Freq 26.000000000 GHz

CF Step 2.597000000 GHz

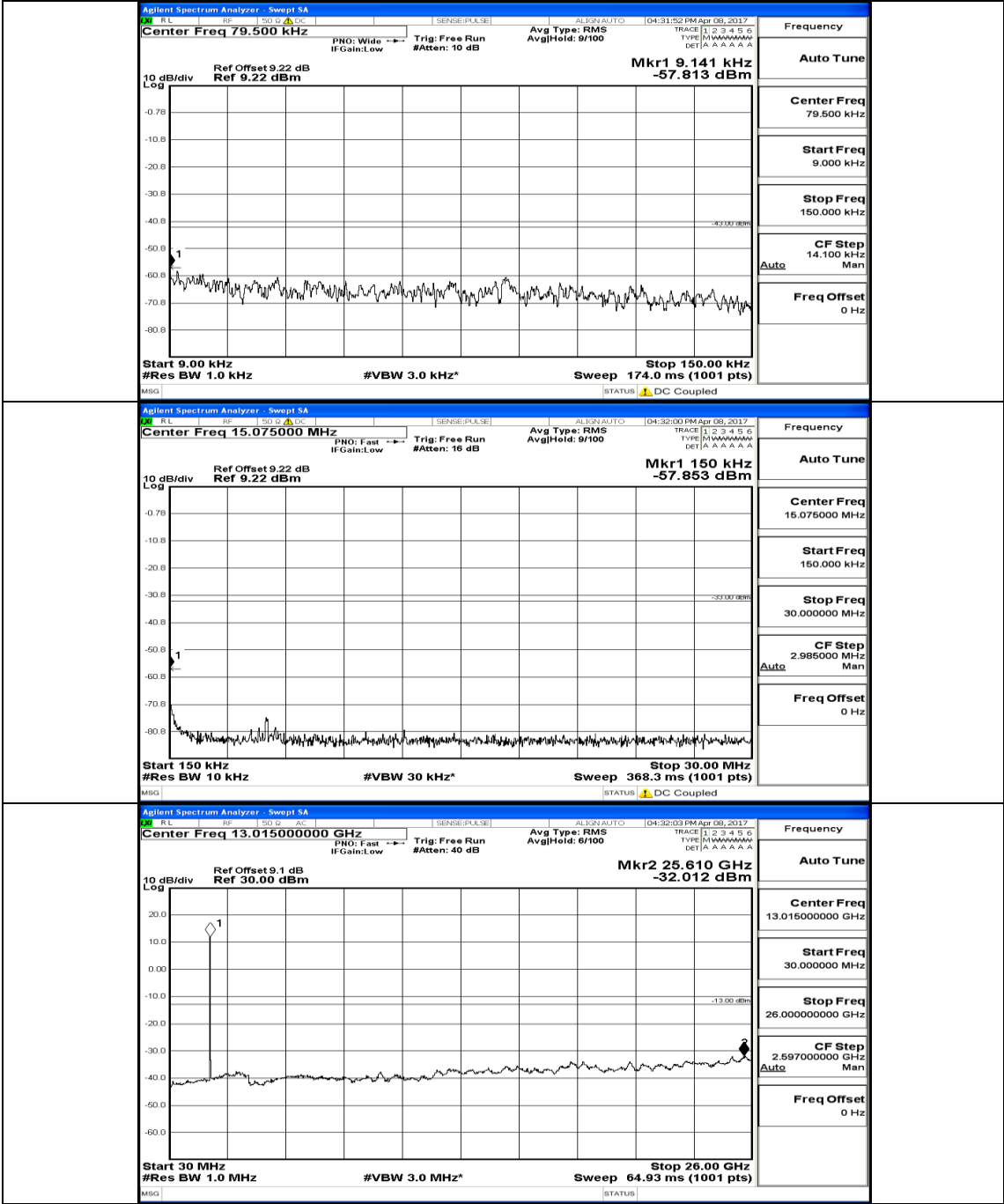
Auto

Freq Offset 0 Hz

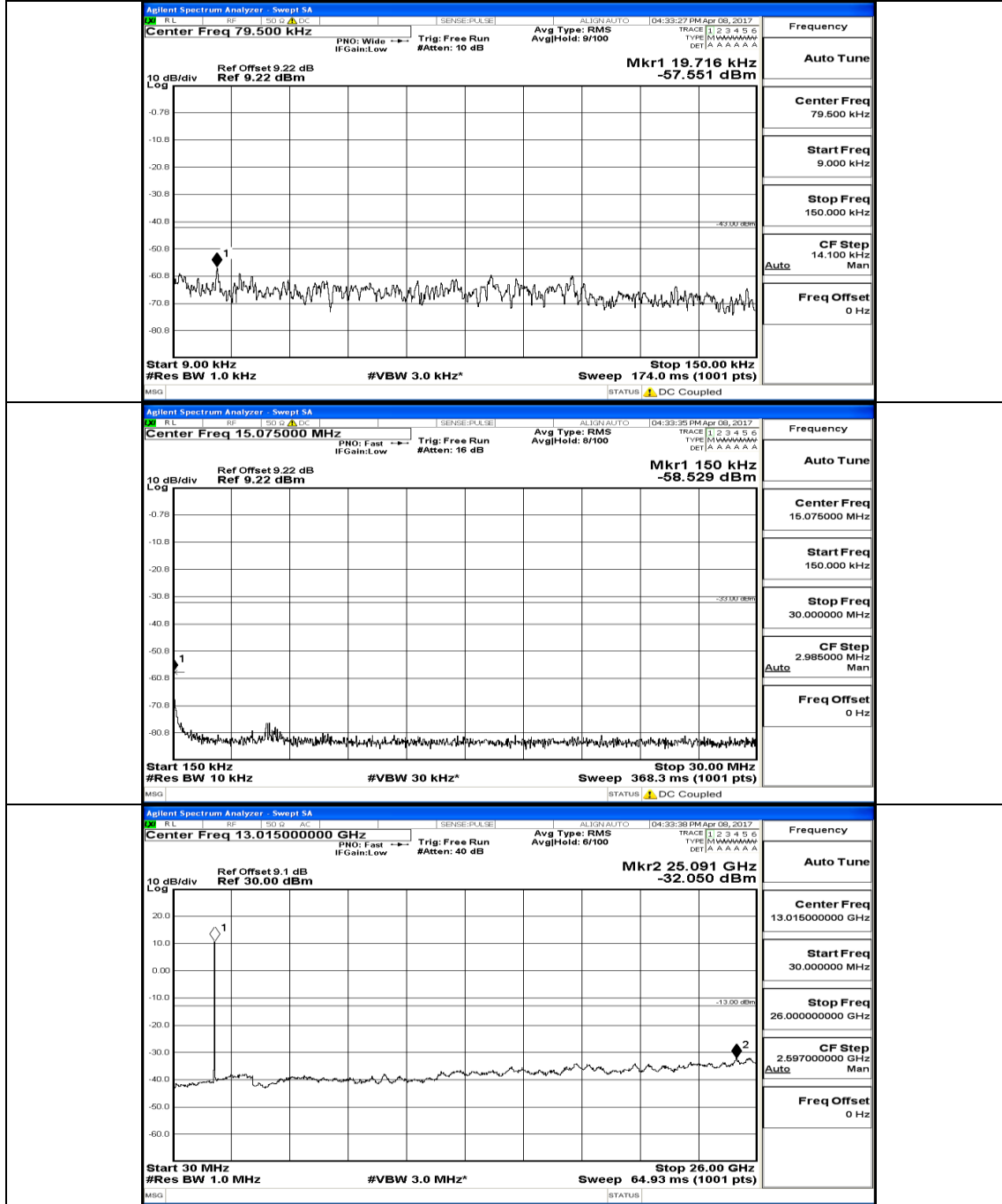
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



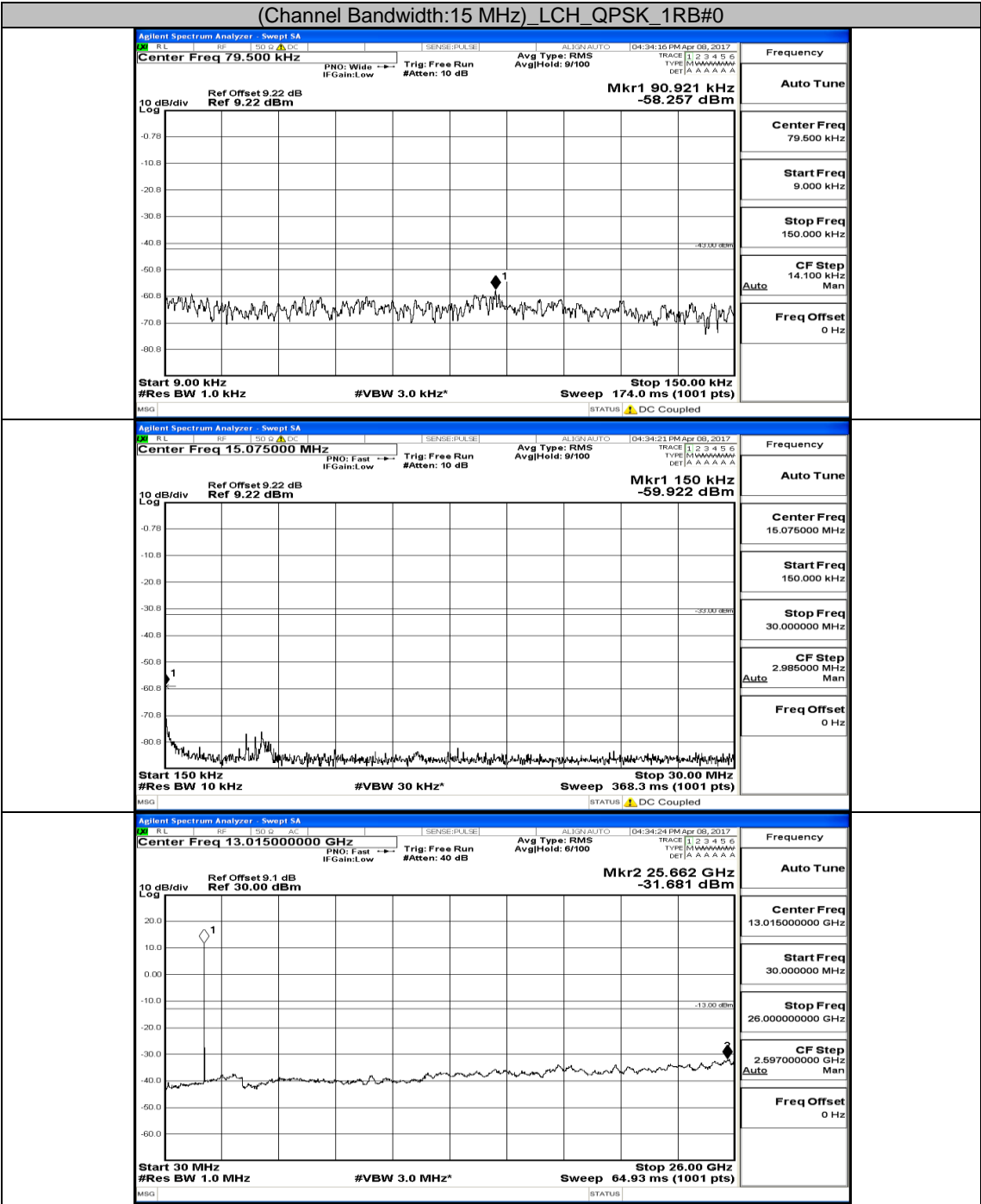
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



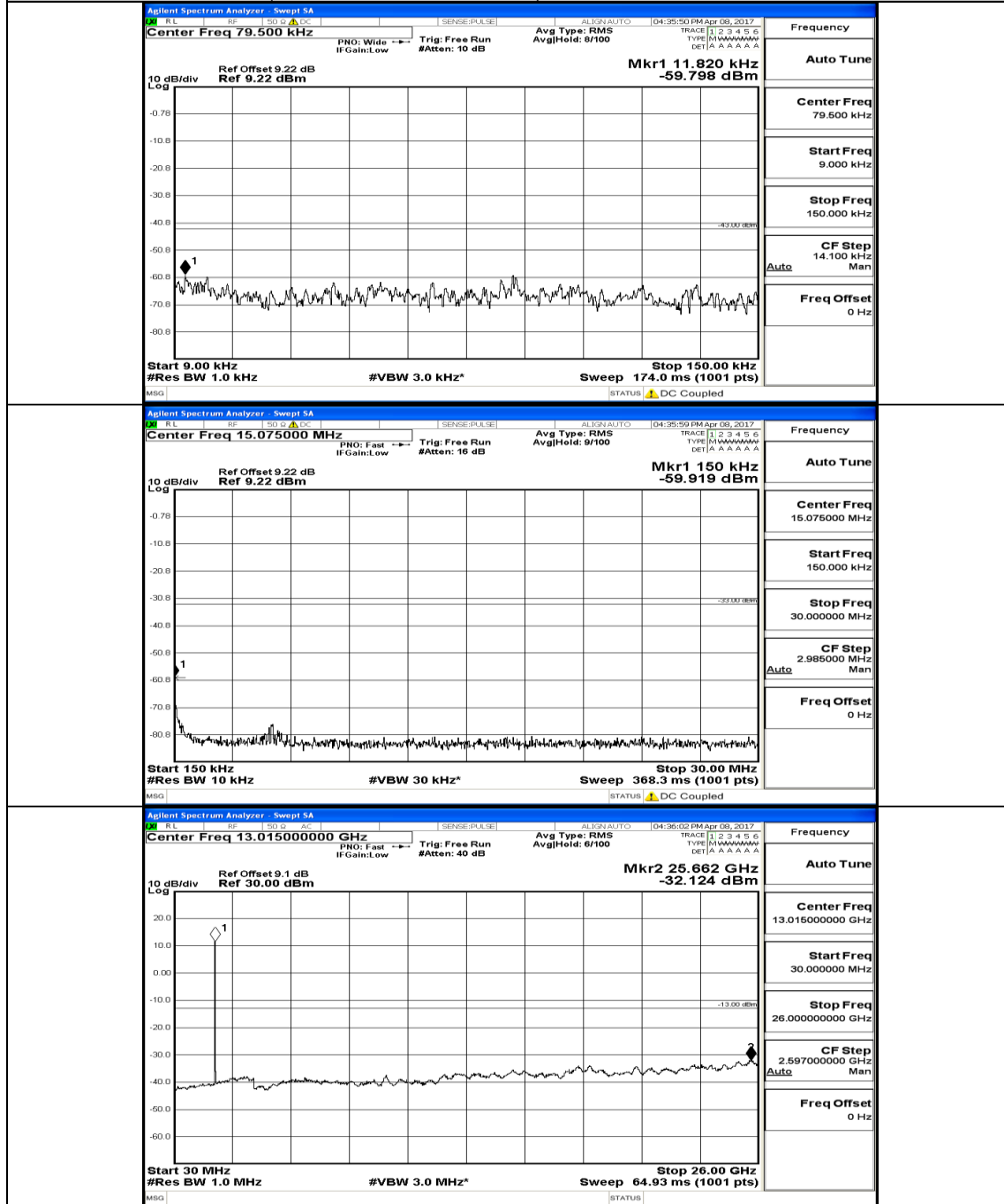
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



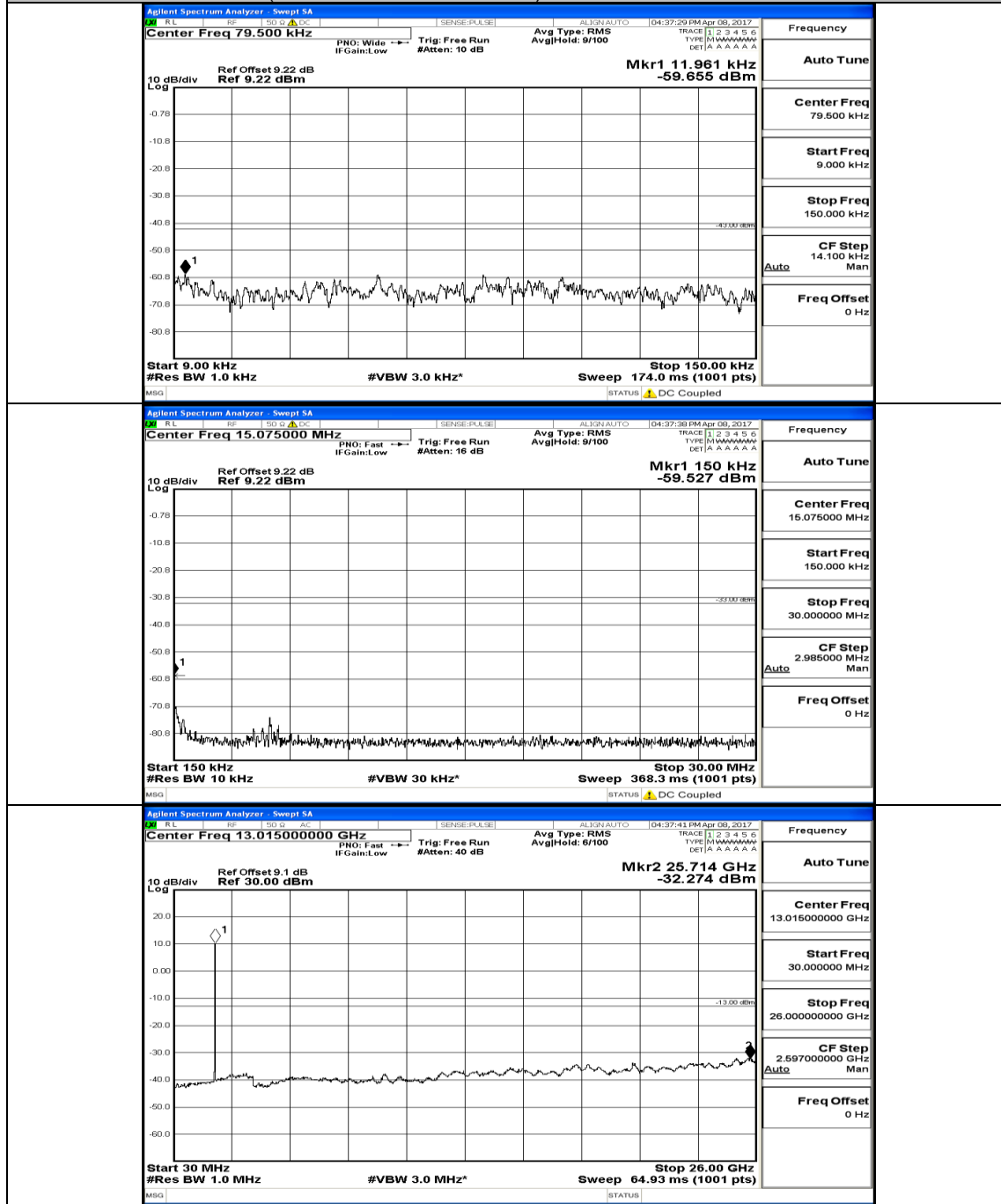
Channel Bandwidth: 15 MHz



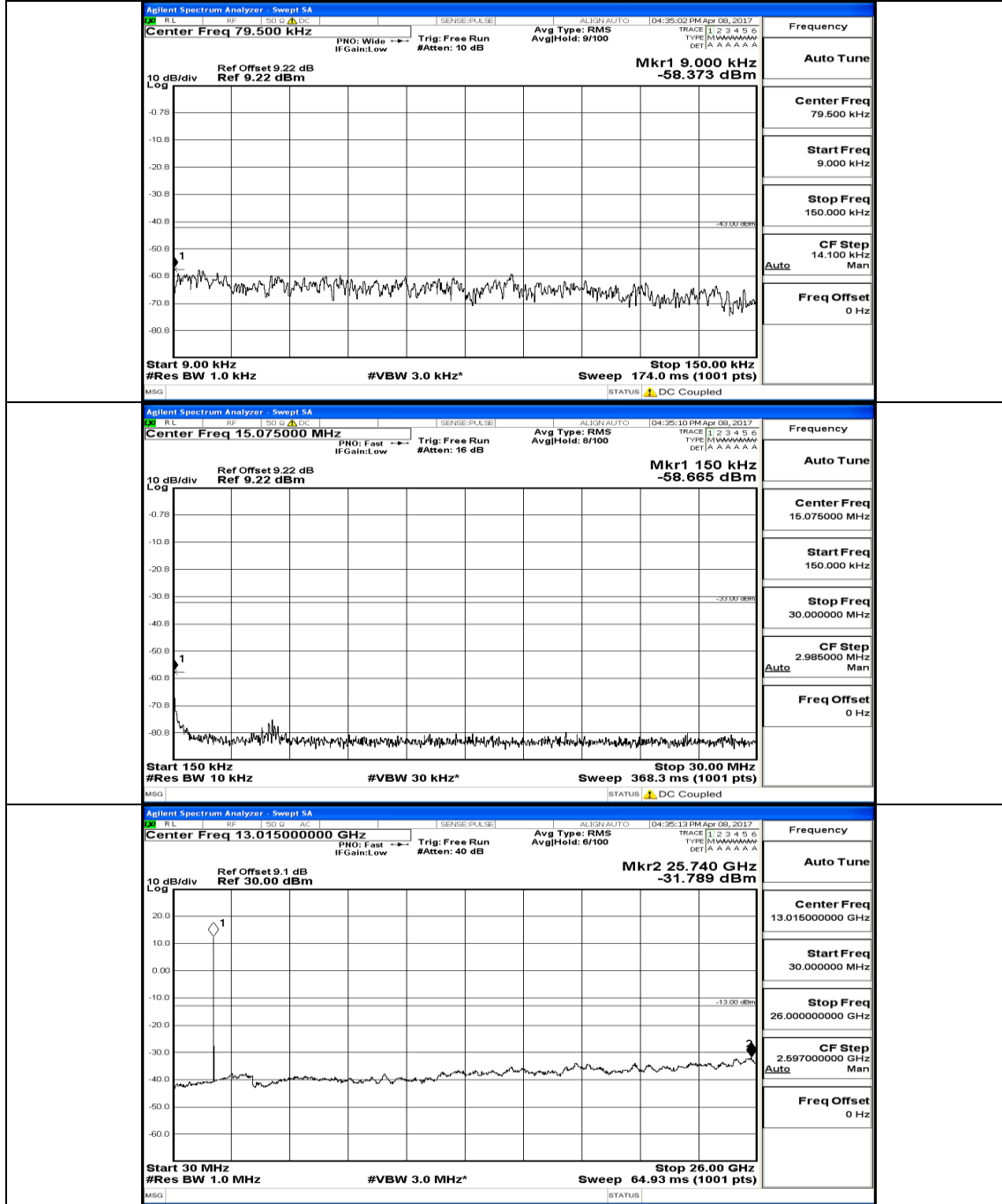
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



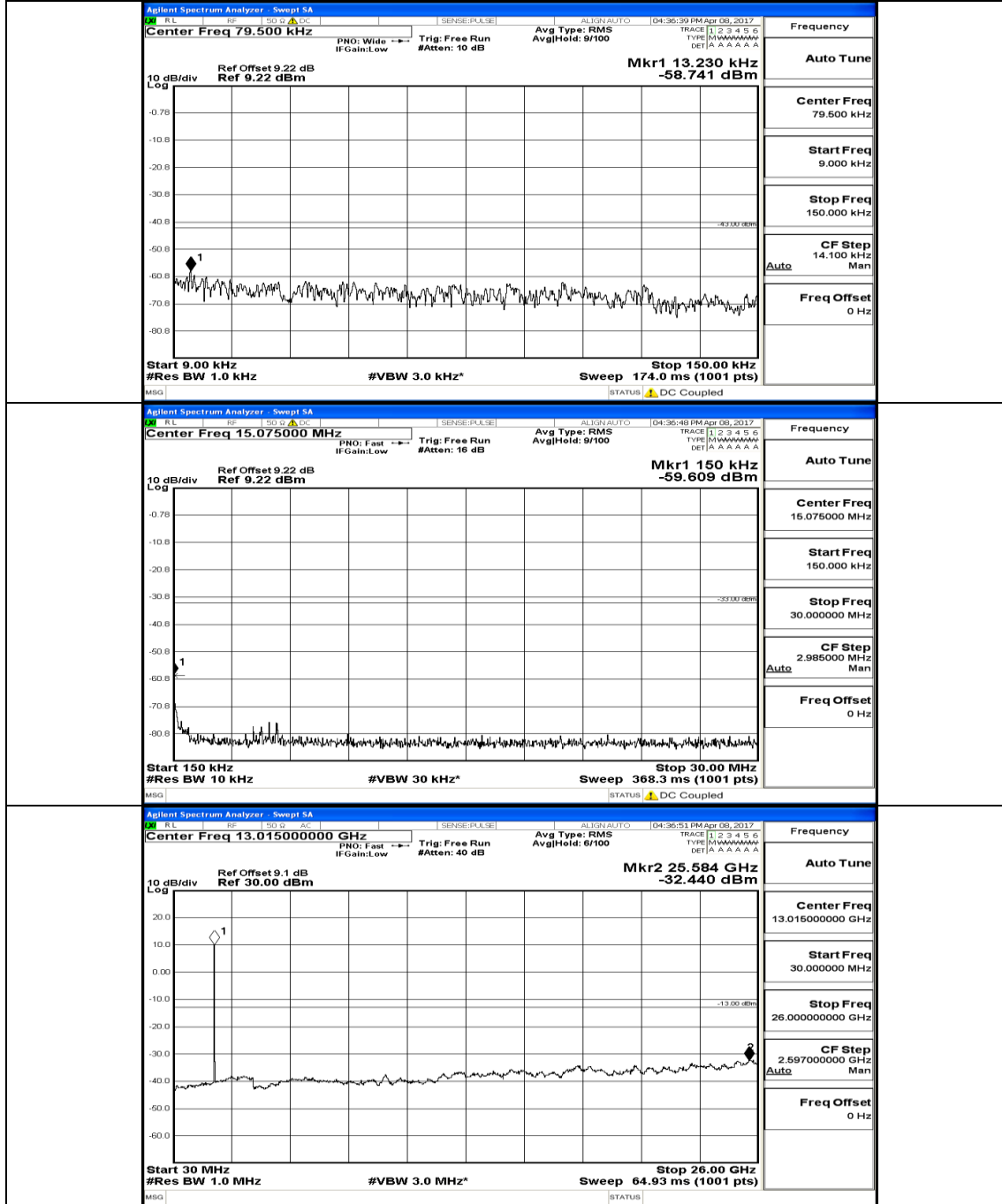
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



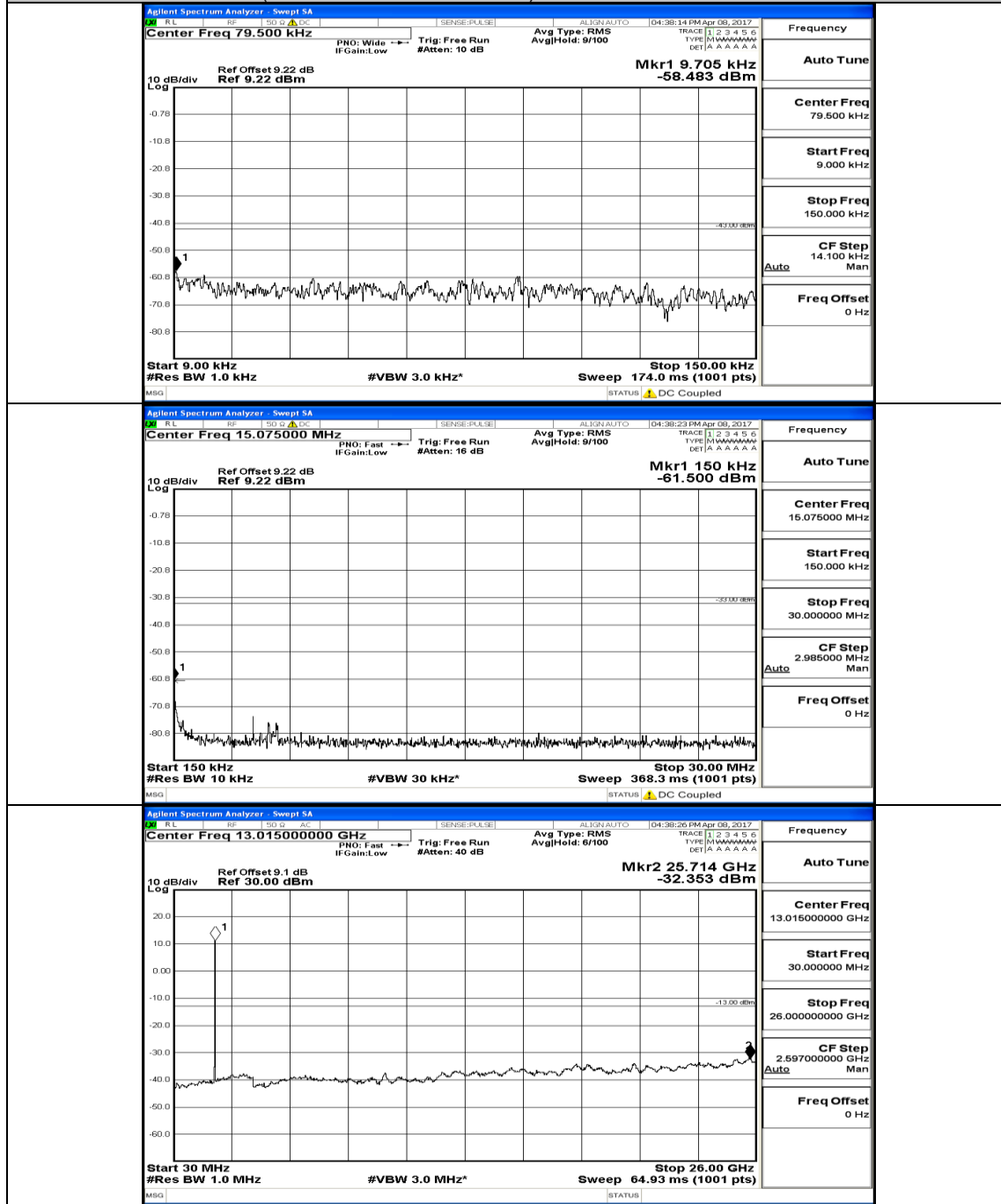
(Channel Bandwidth:15 MHz) LCH_16QAM_1RB#0



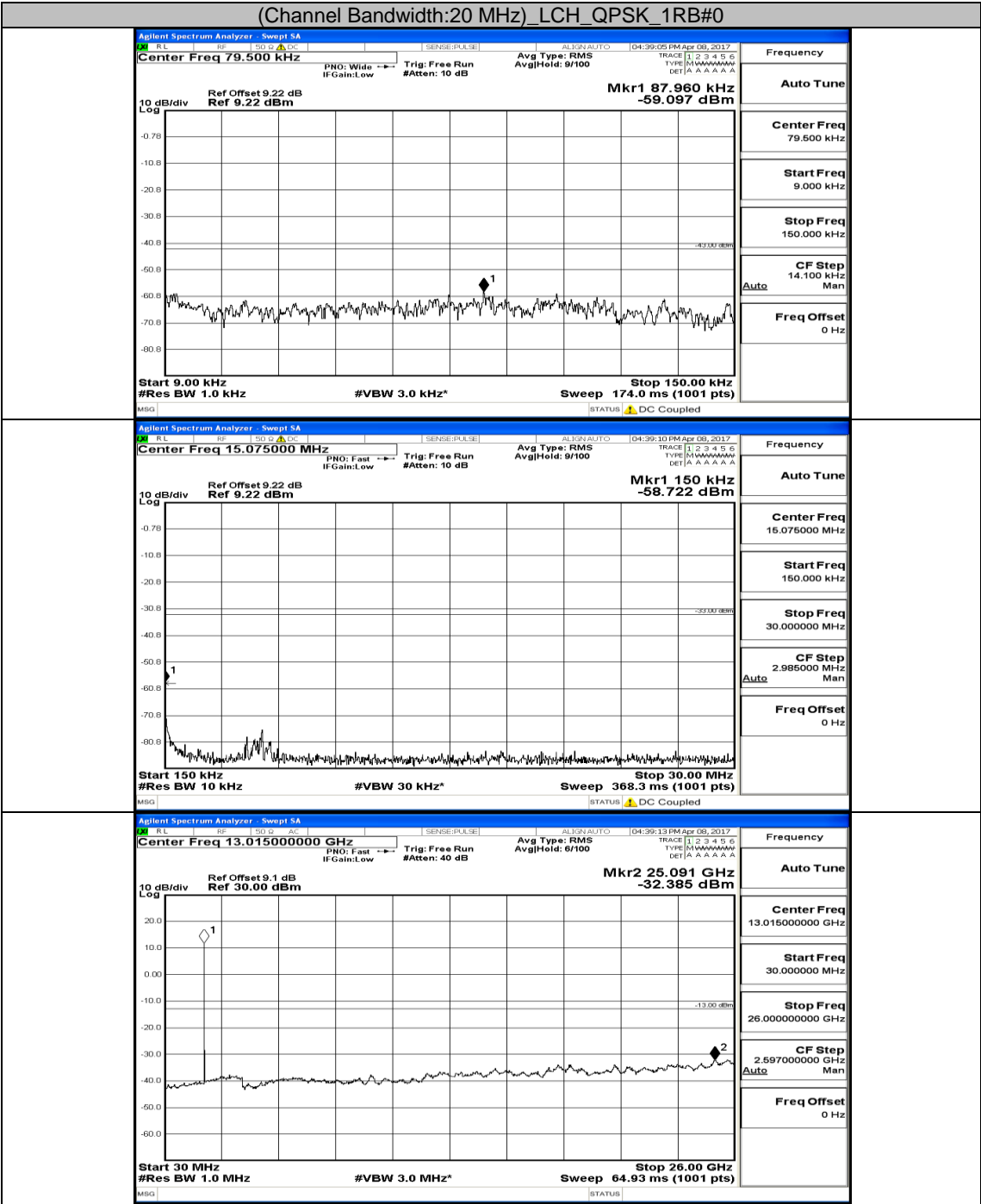
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



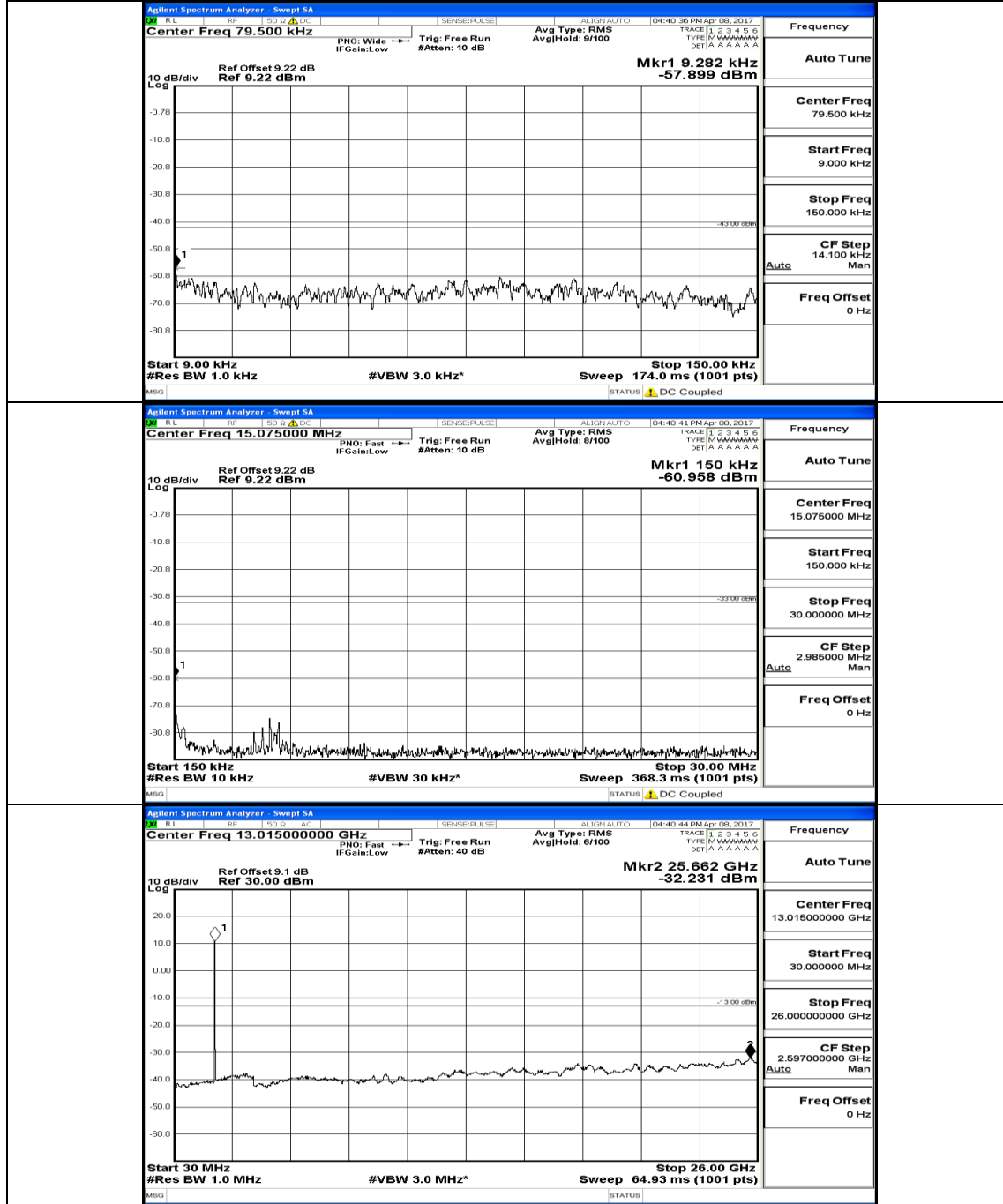
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



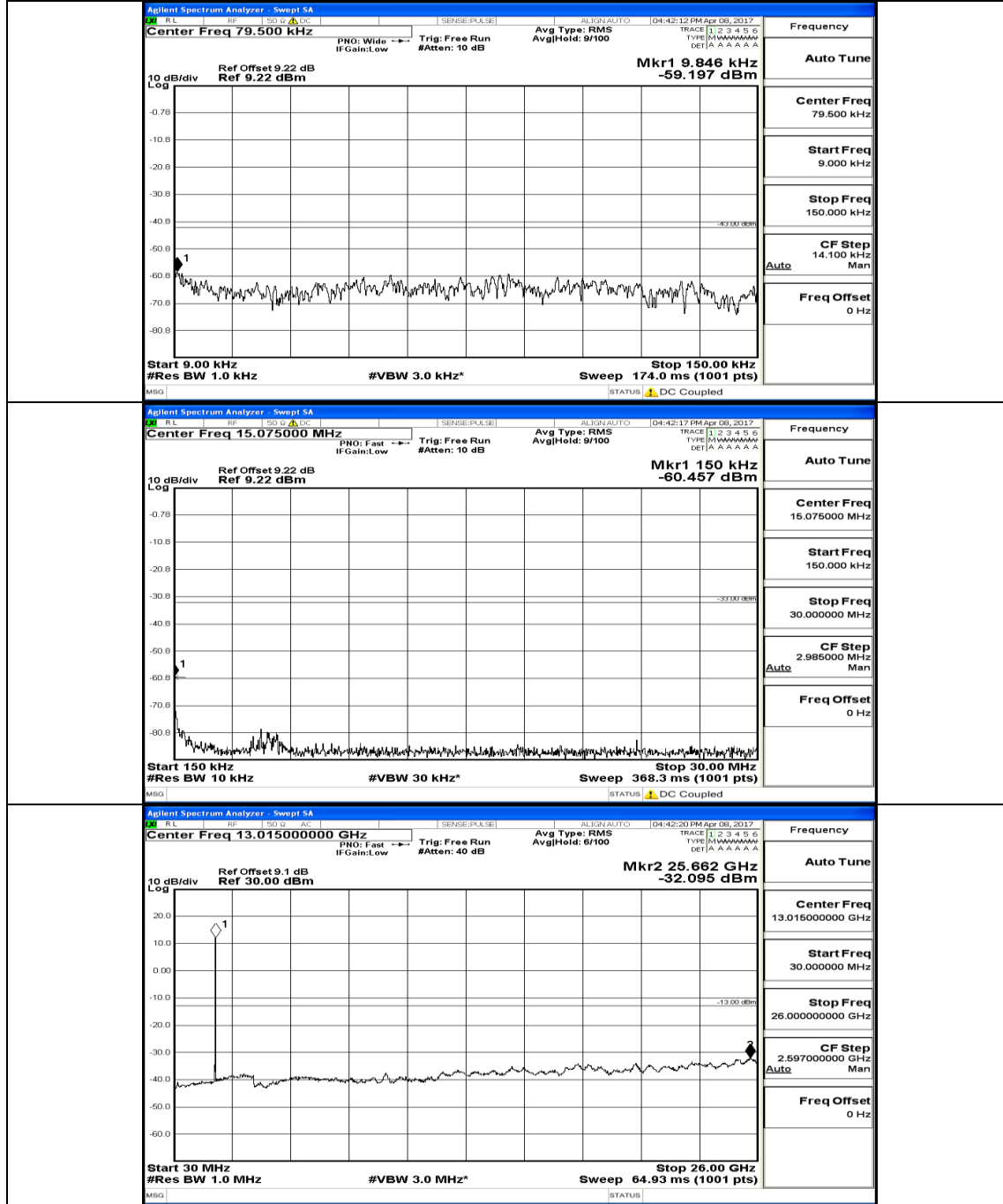
Channel Bandwidth: 20 MHz



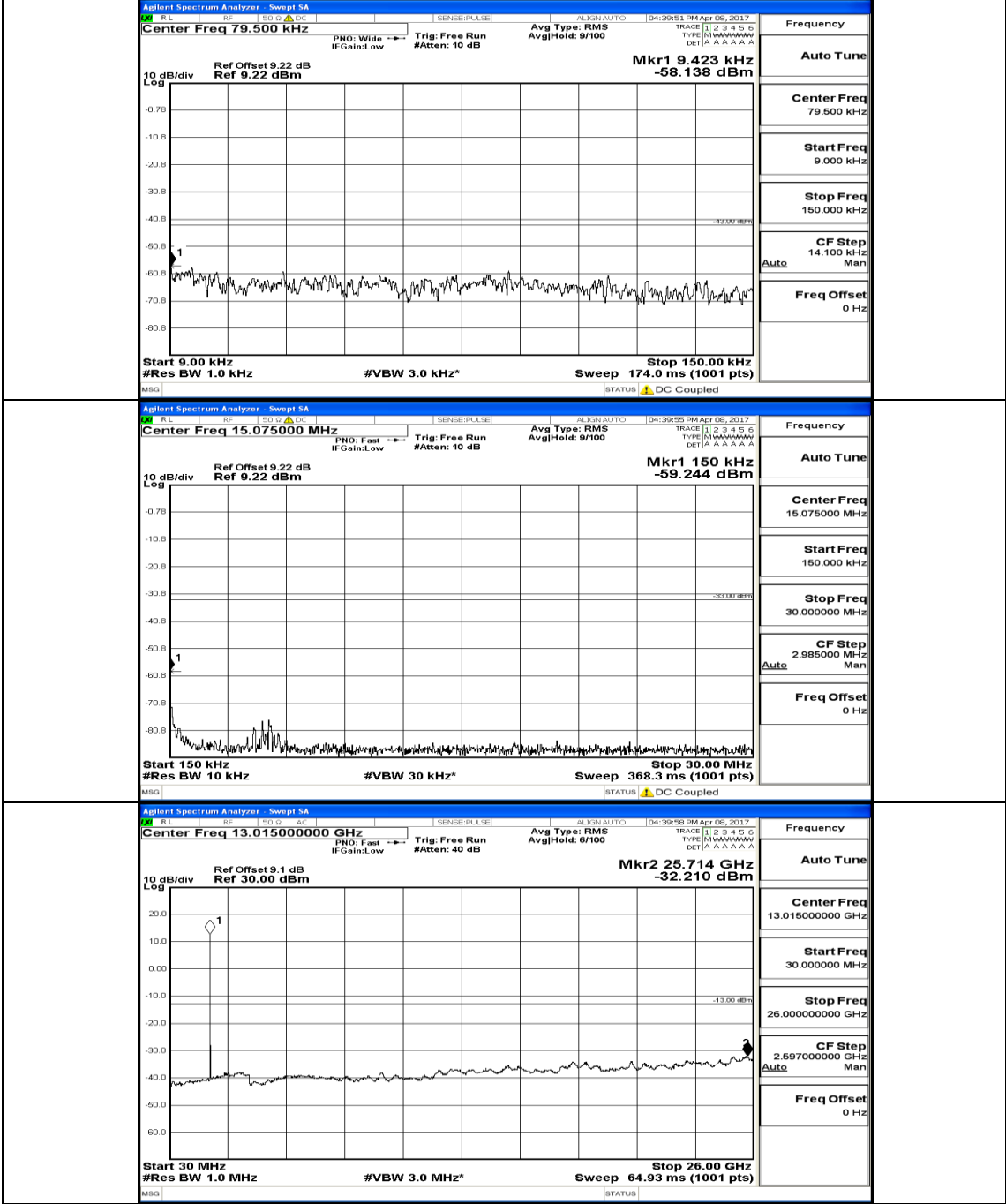
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



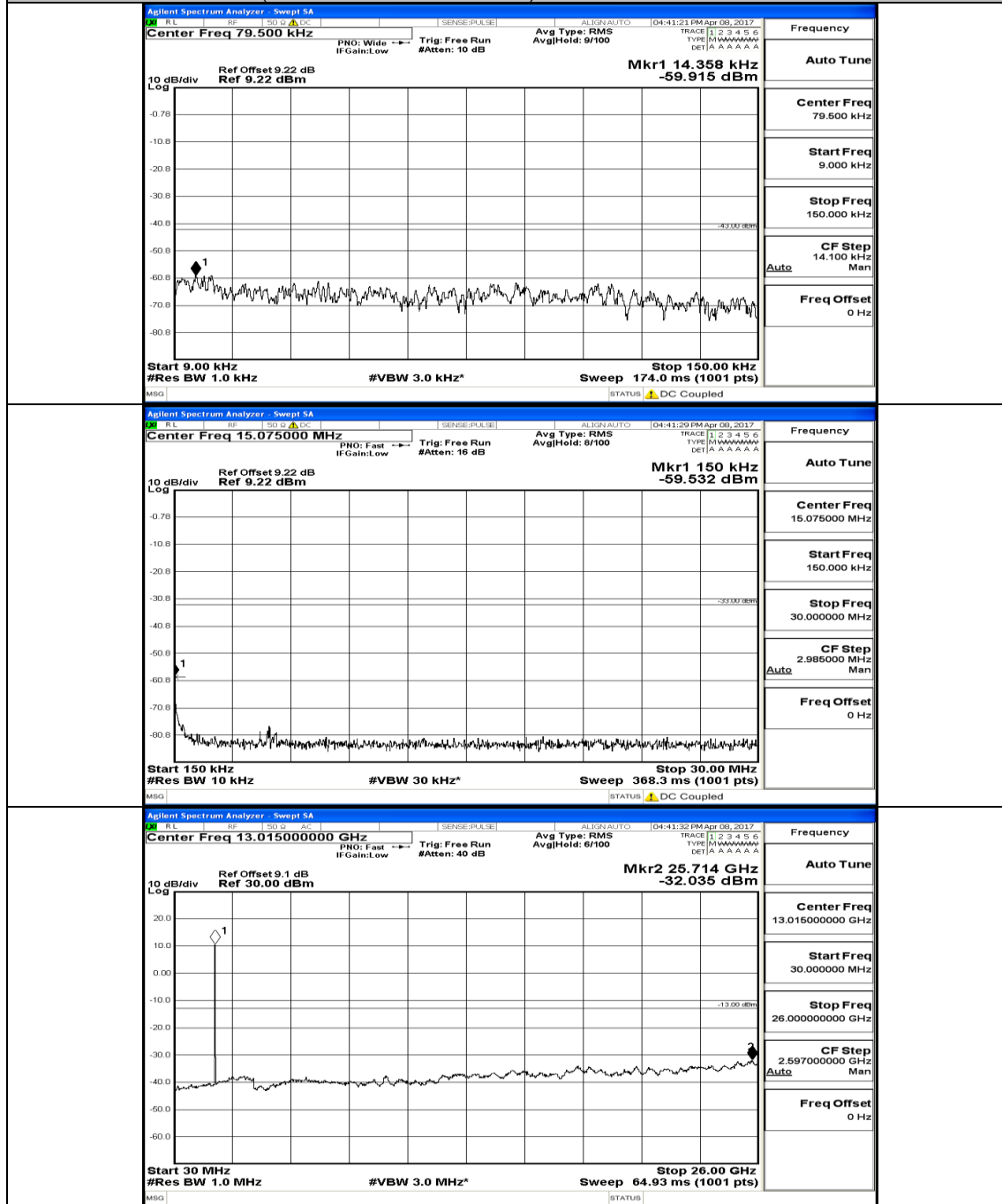
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

