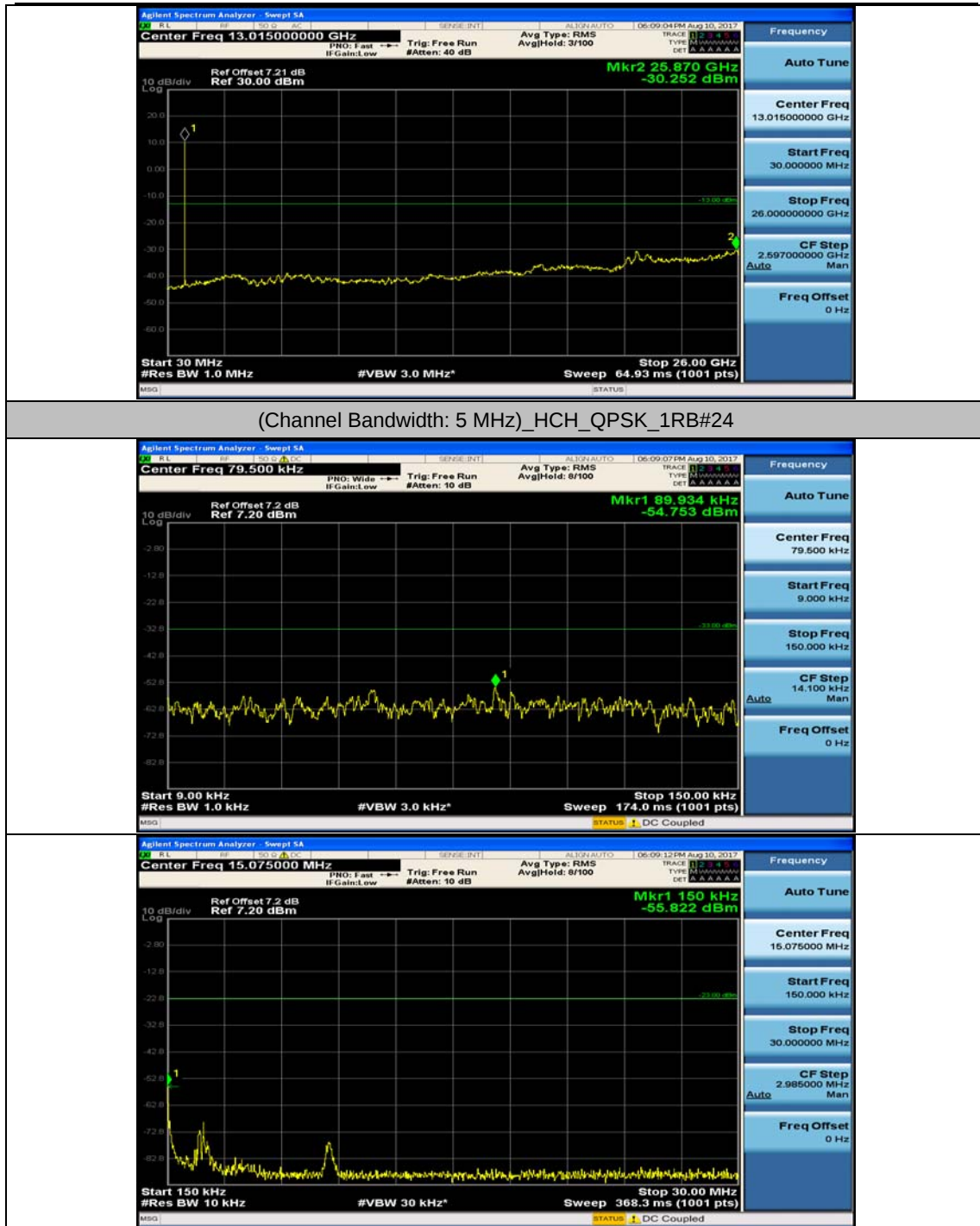
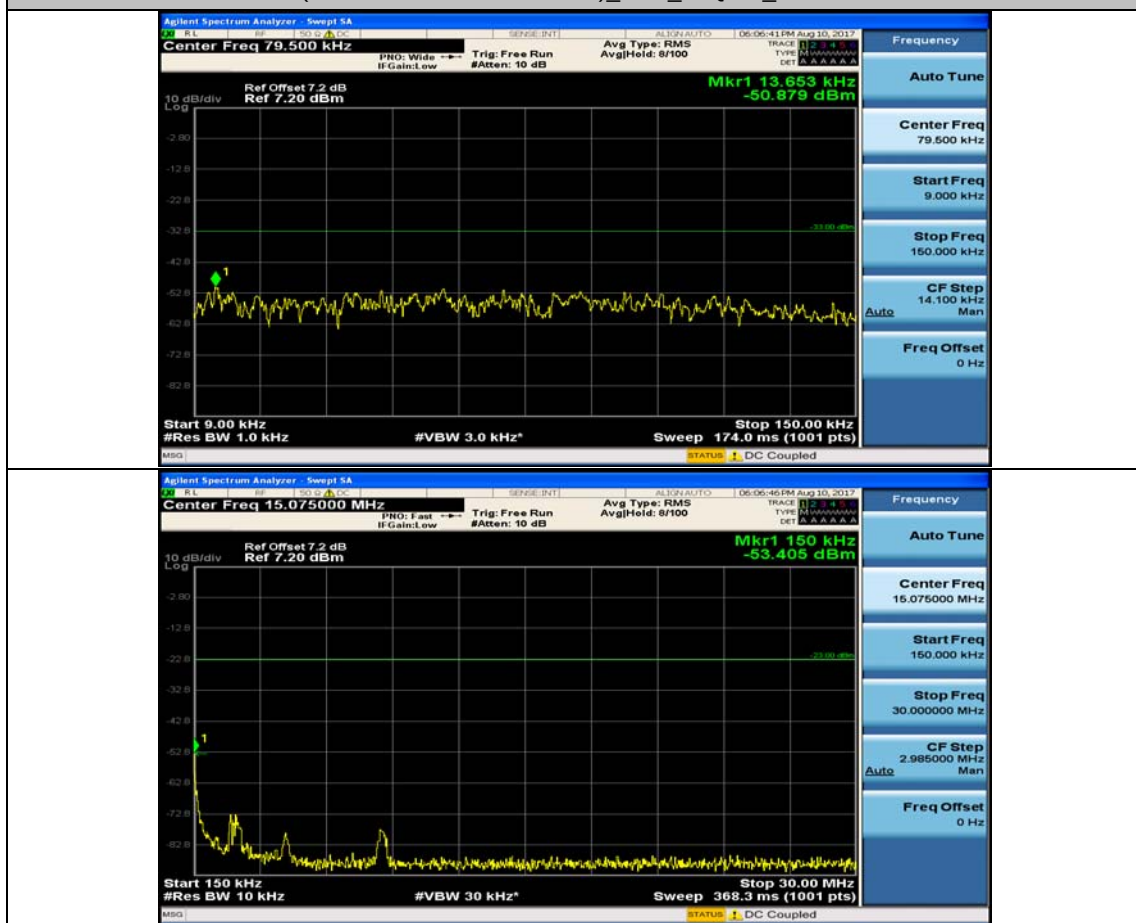


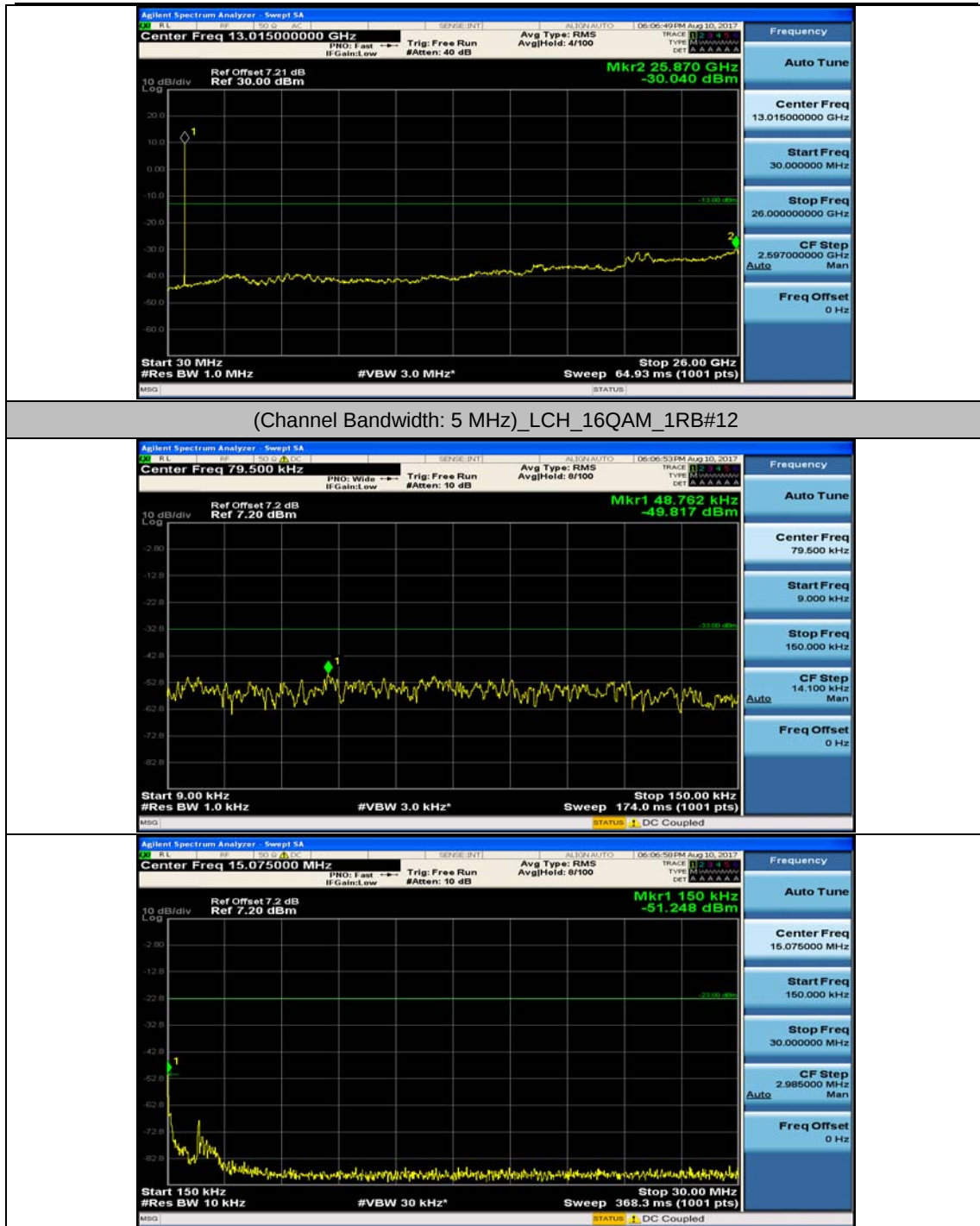


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

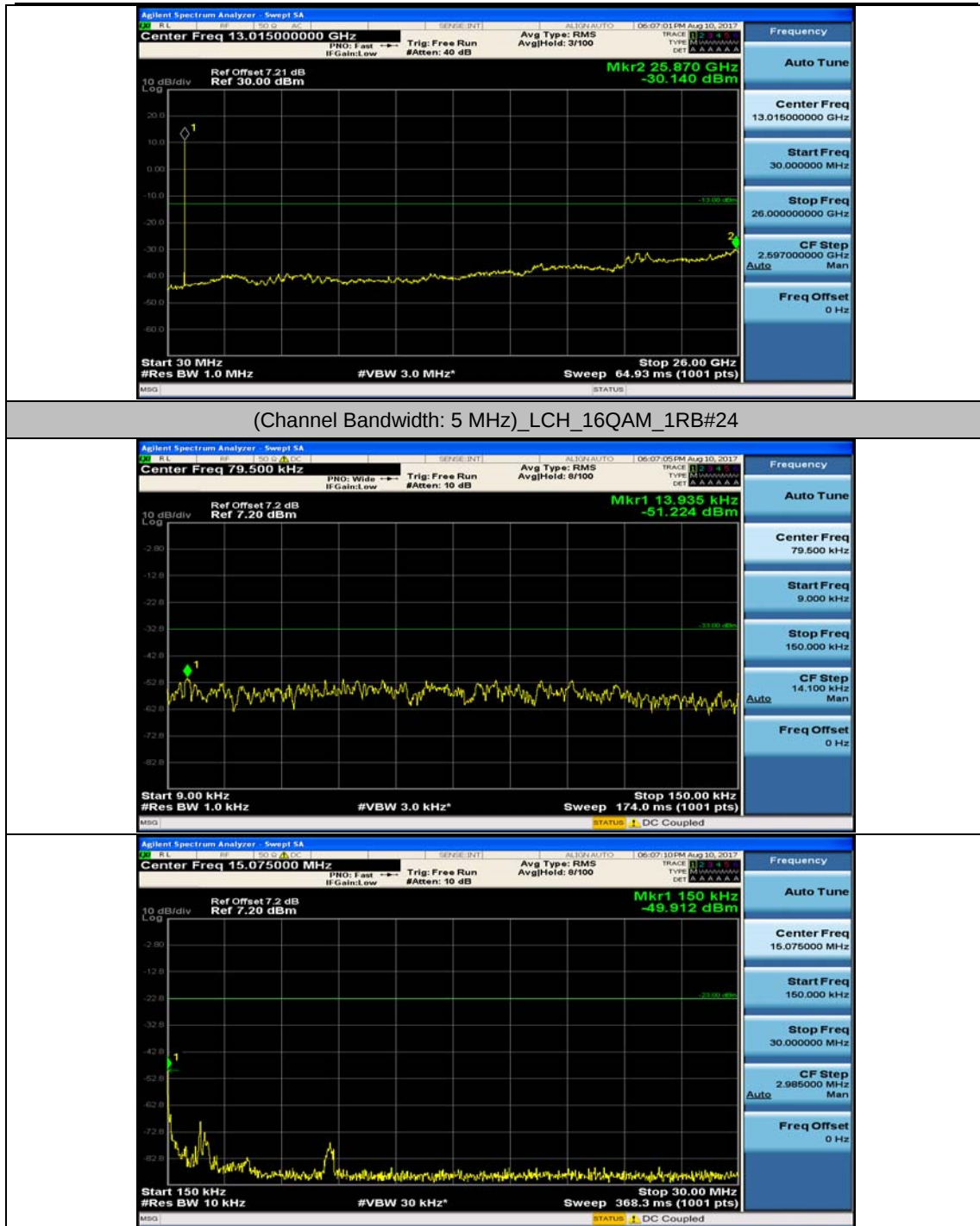


(Channel Bandwidth: 5 MHz) LCH_16QAM_1RB#0



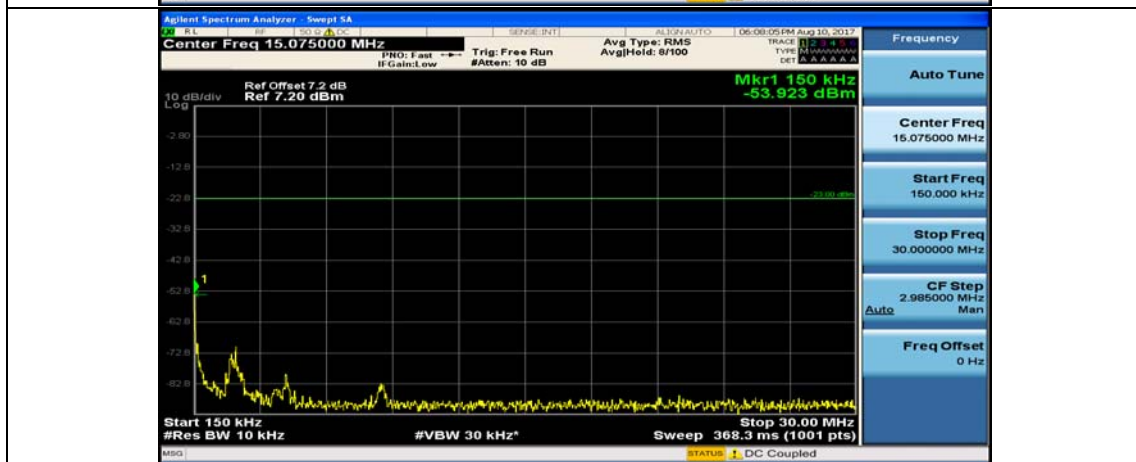
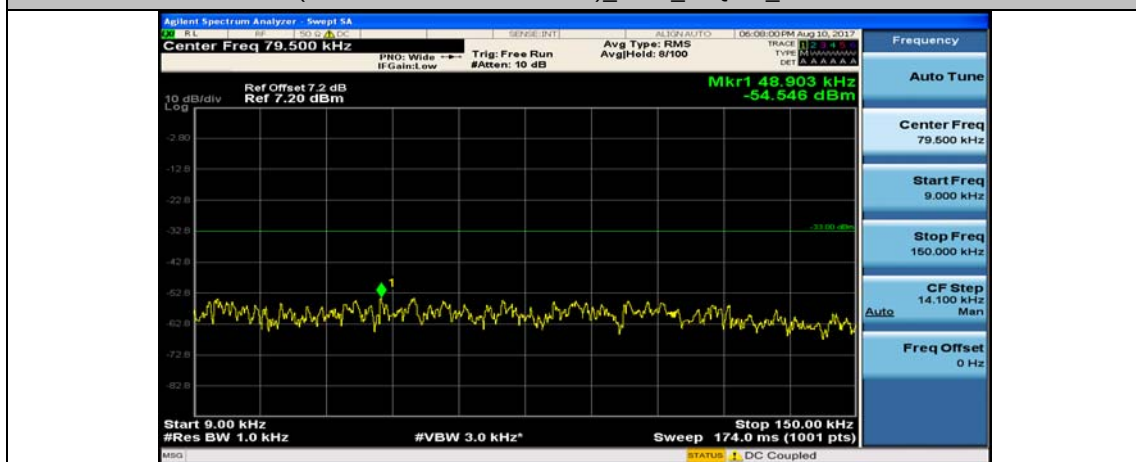


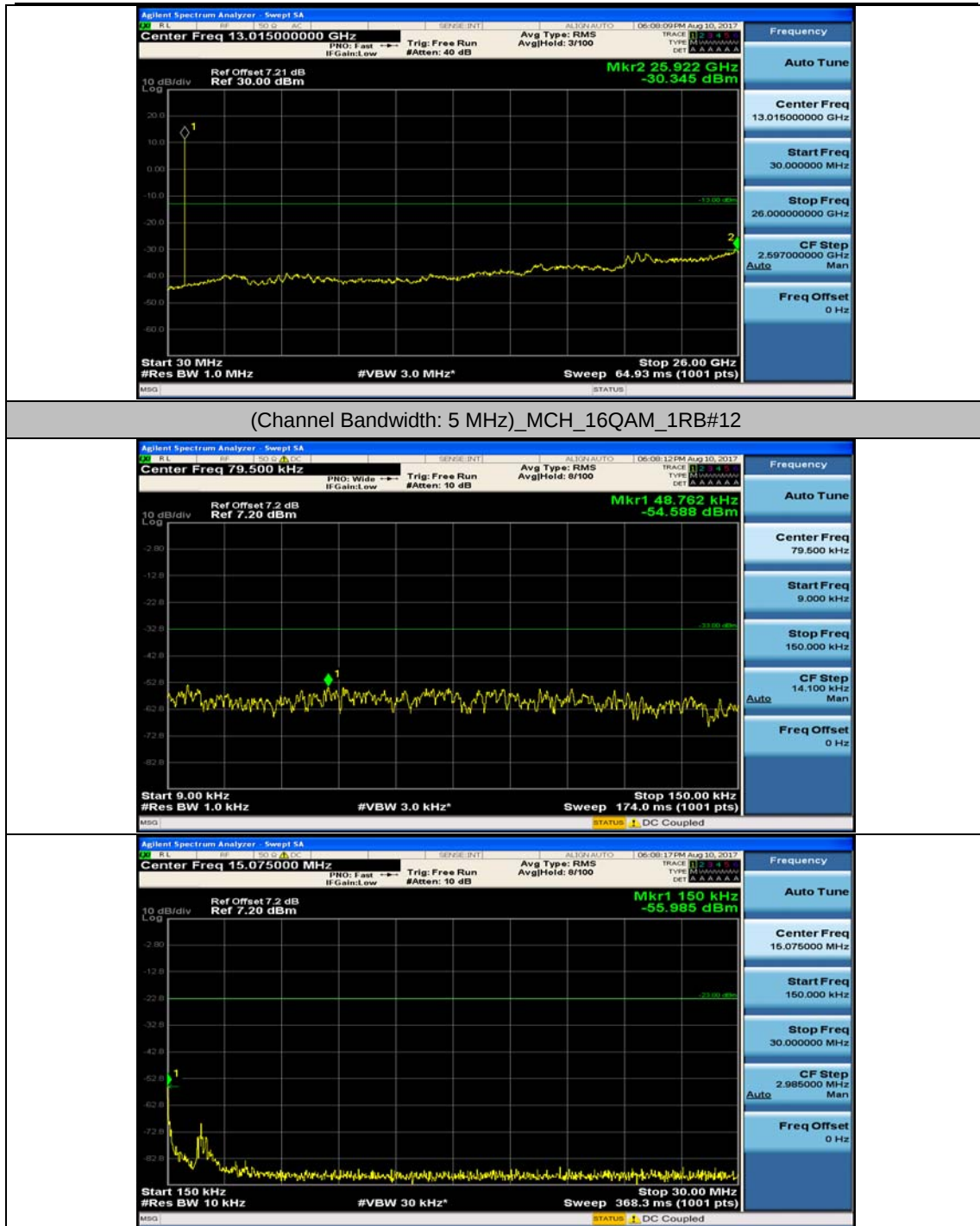
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



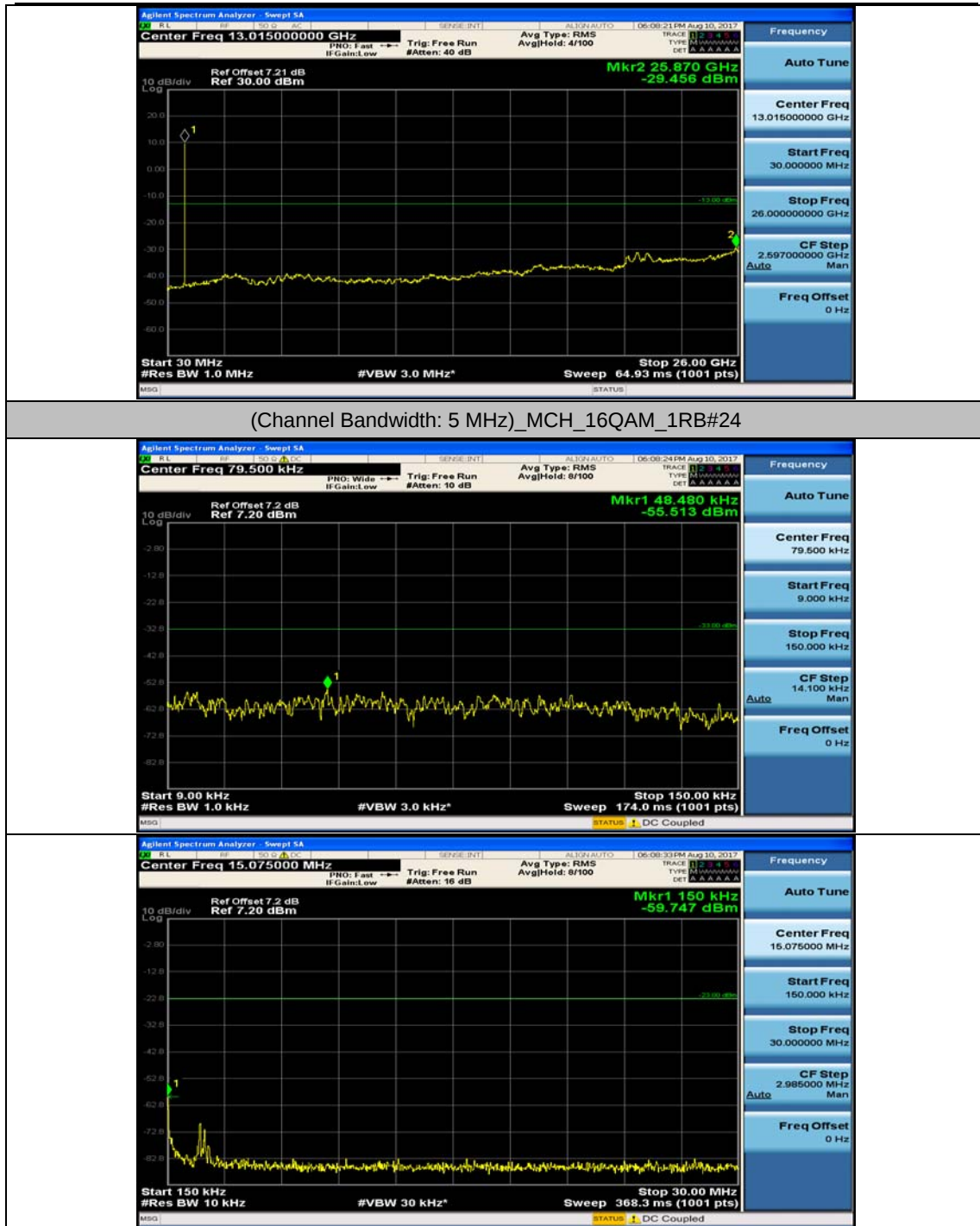


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



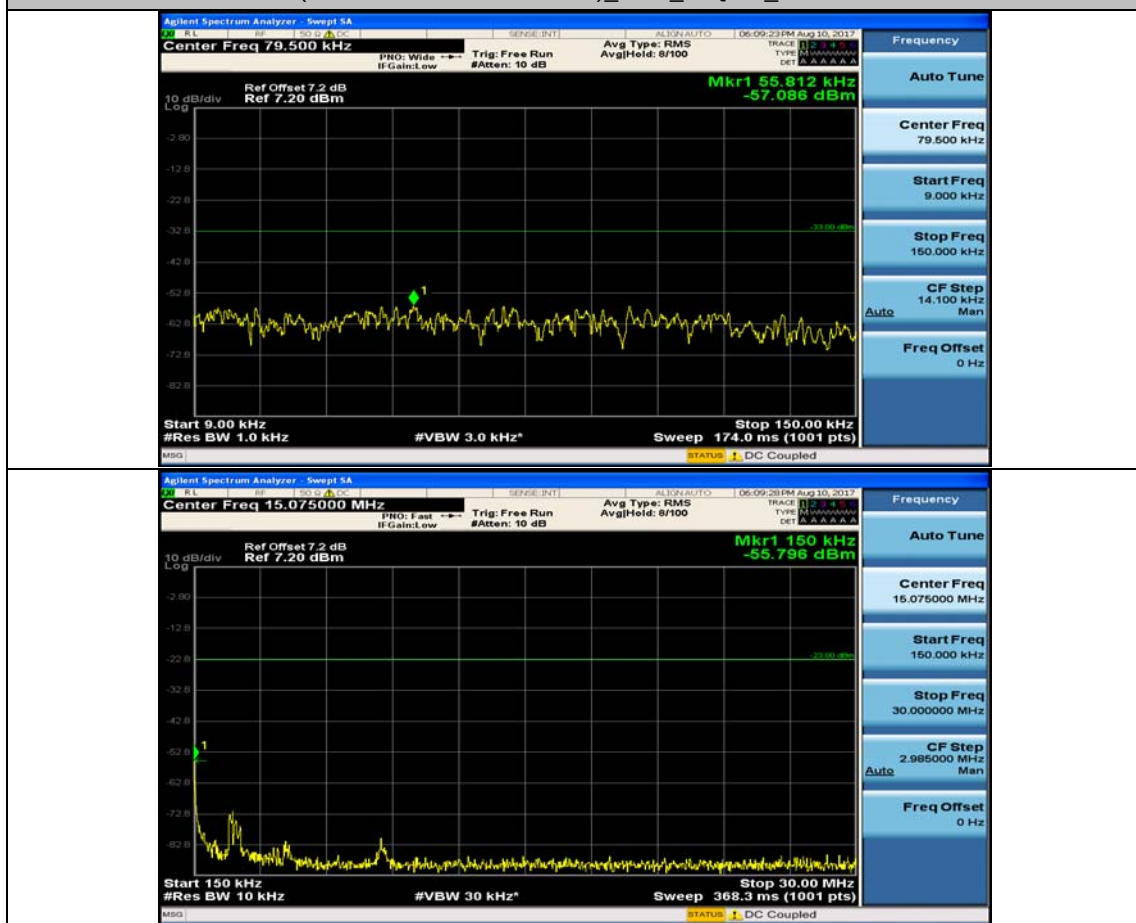


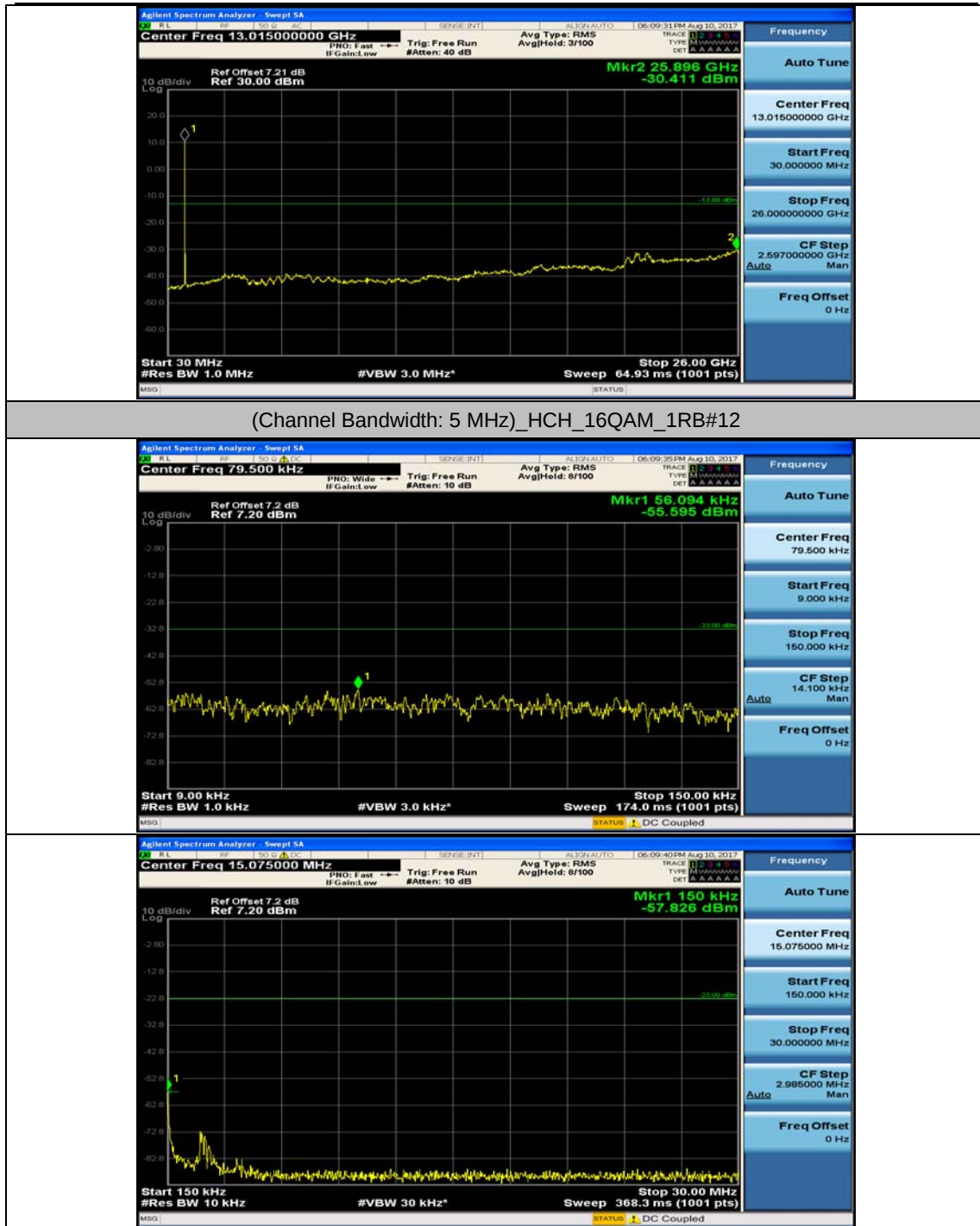
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

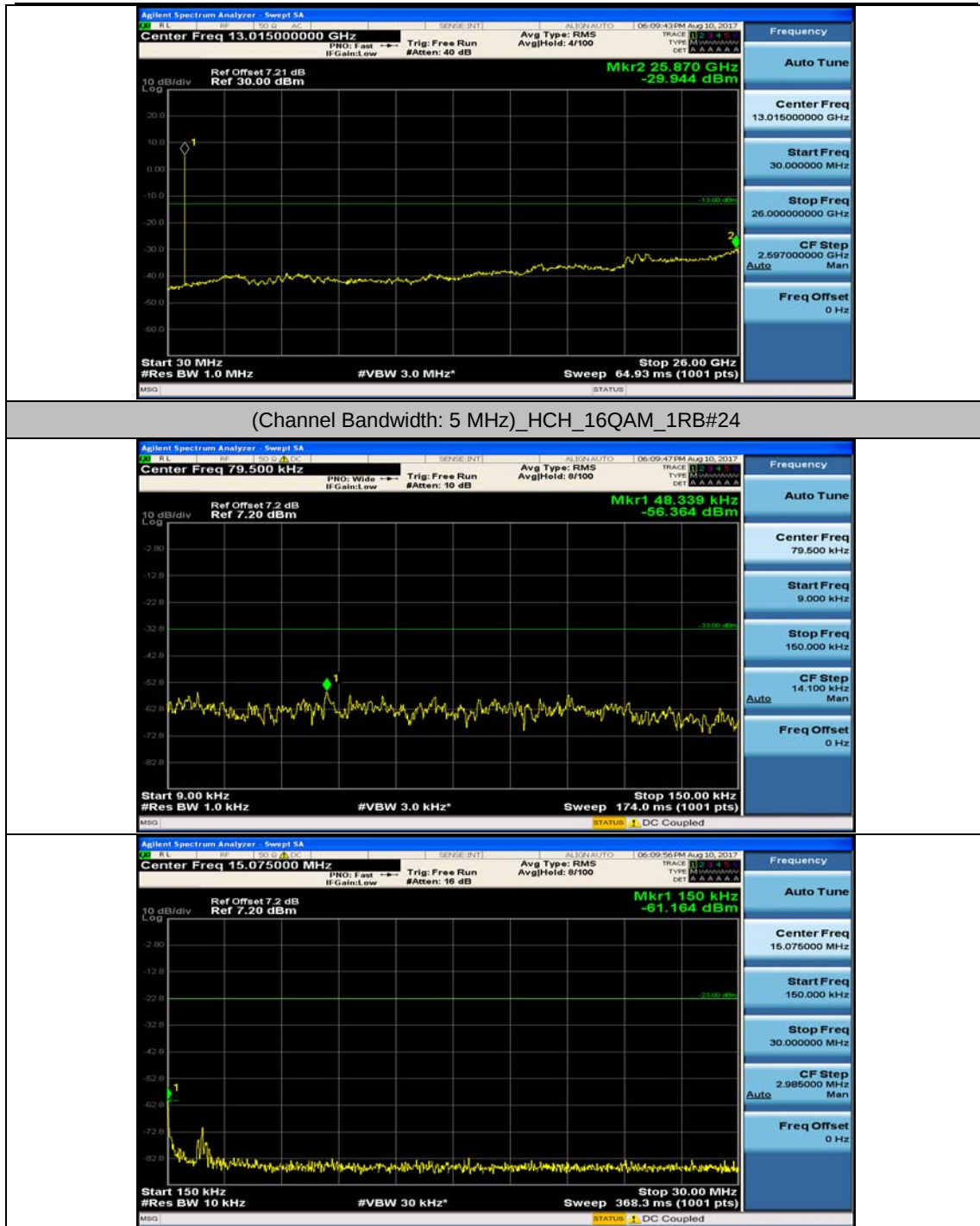




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



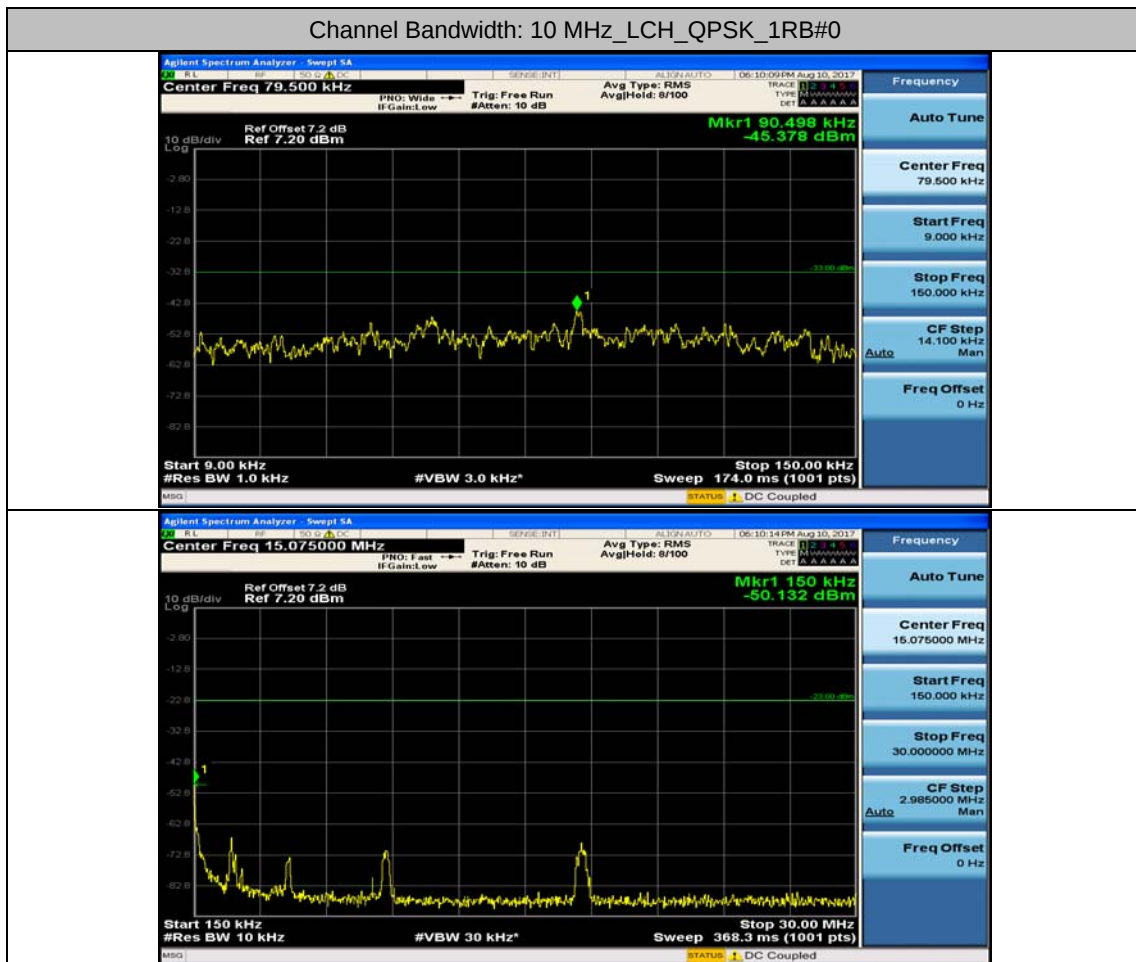


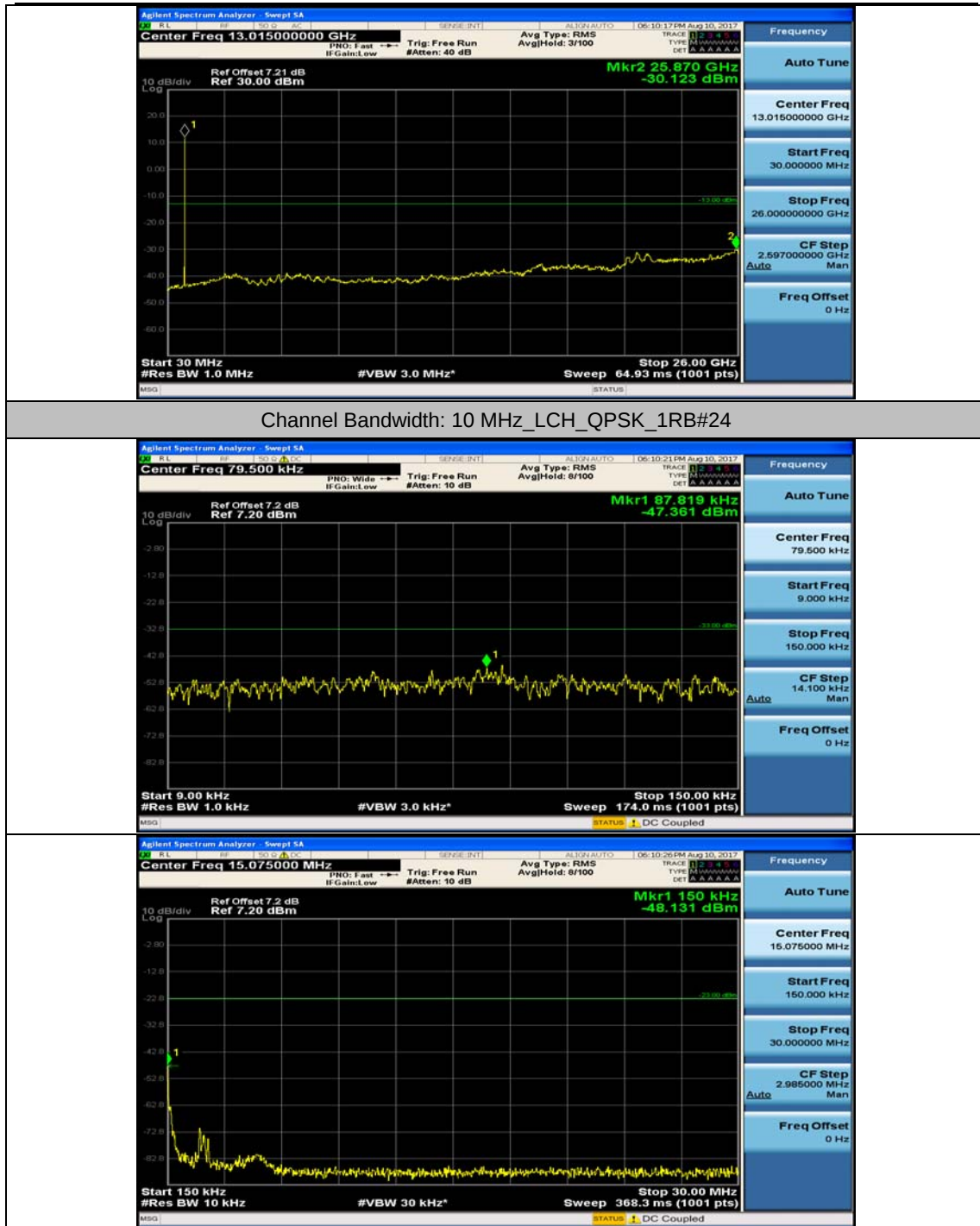


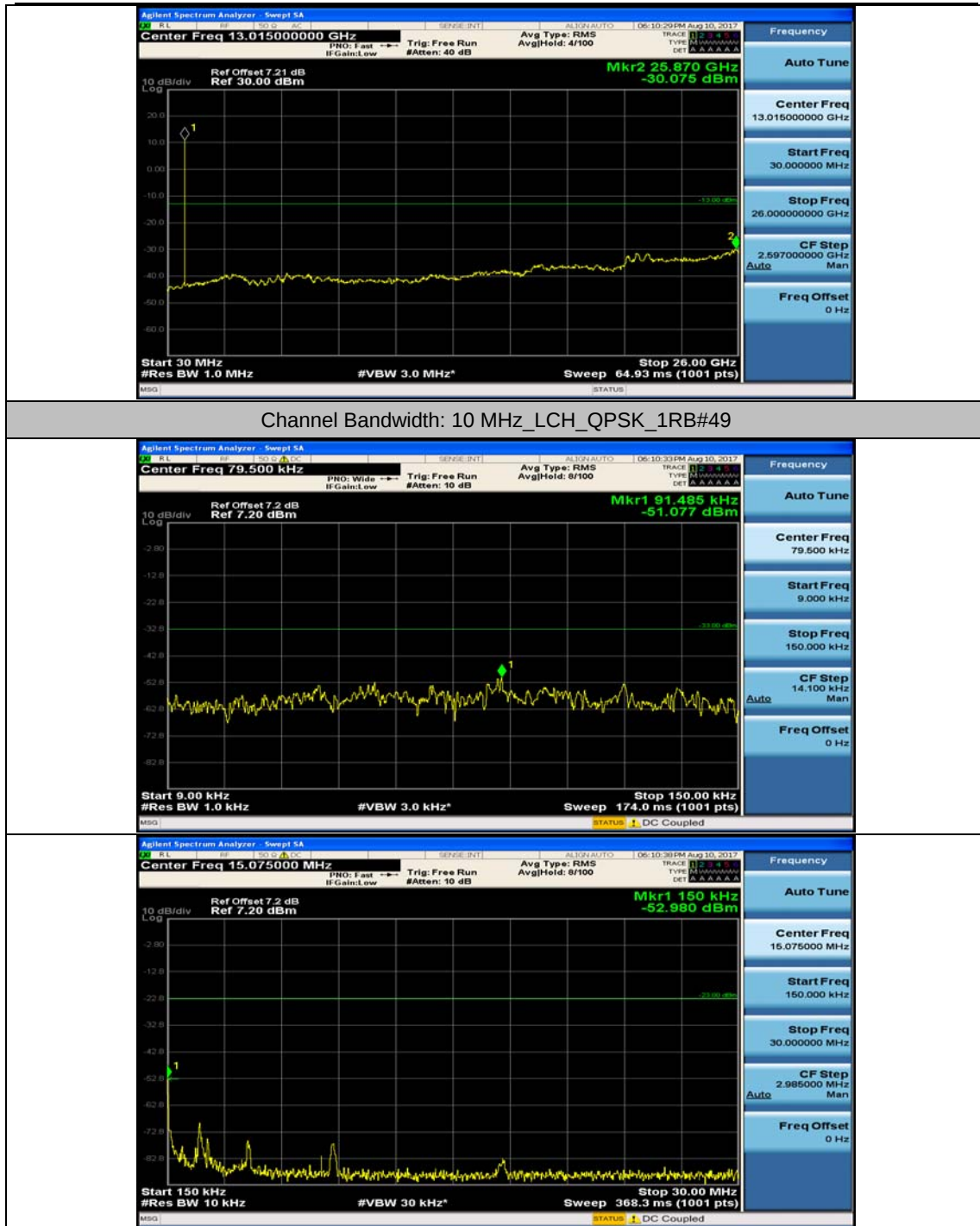
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz

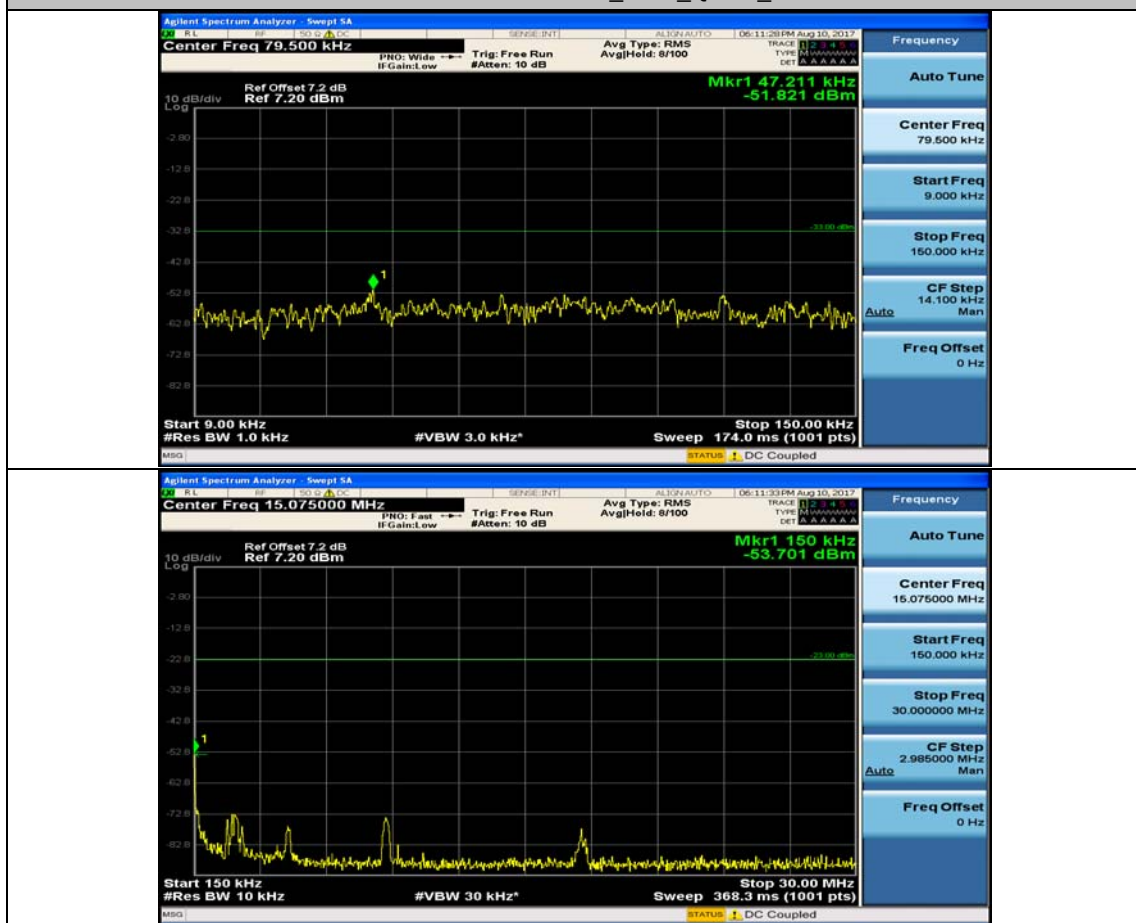


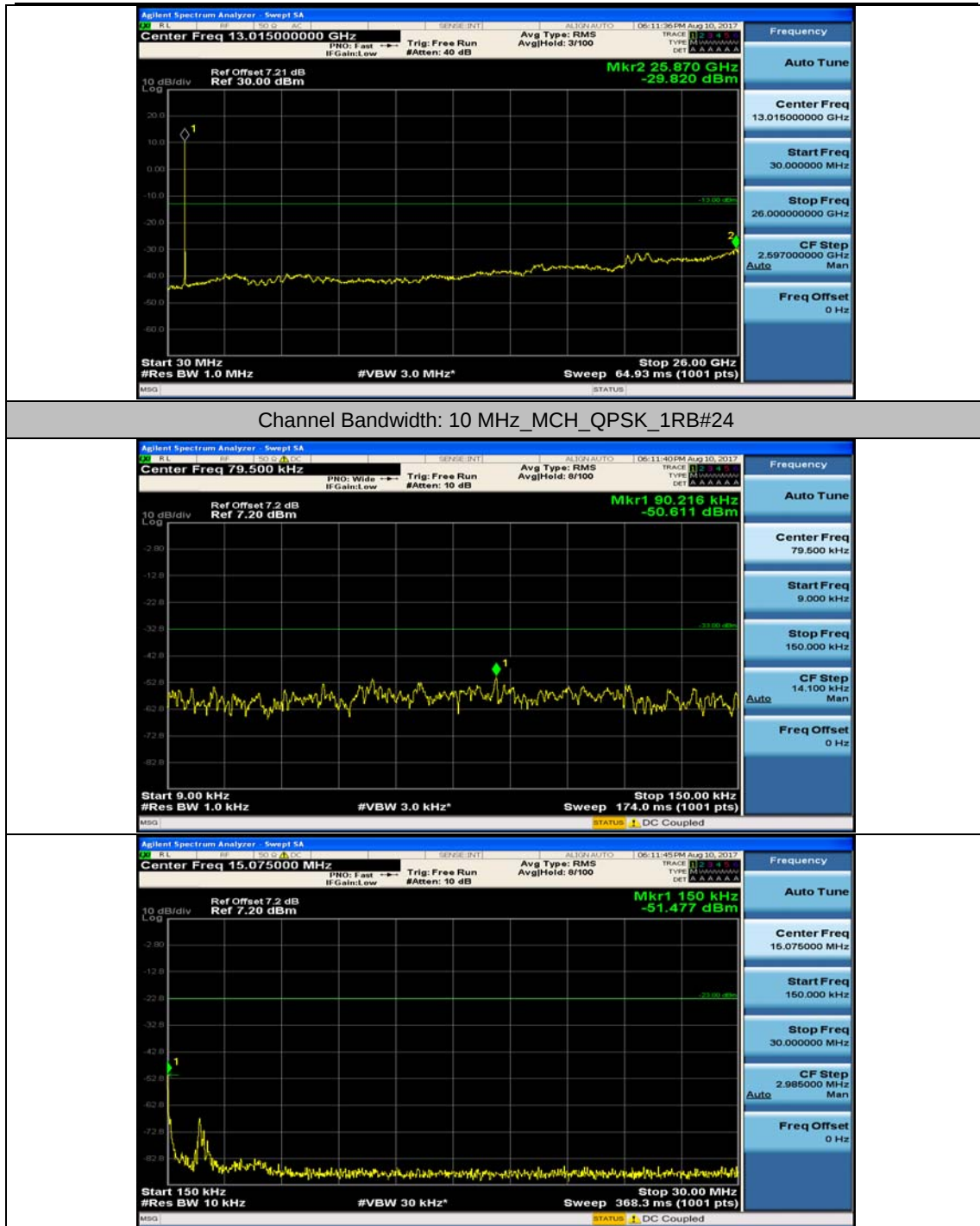


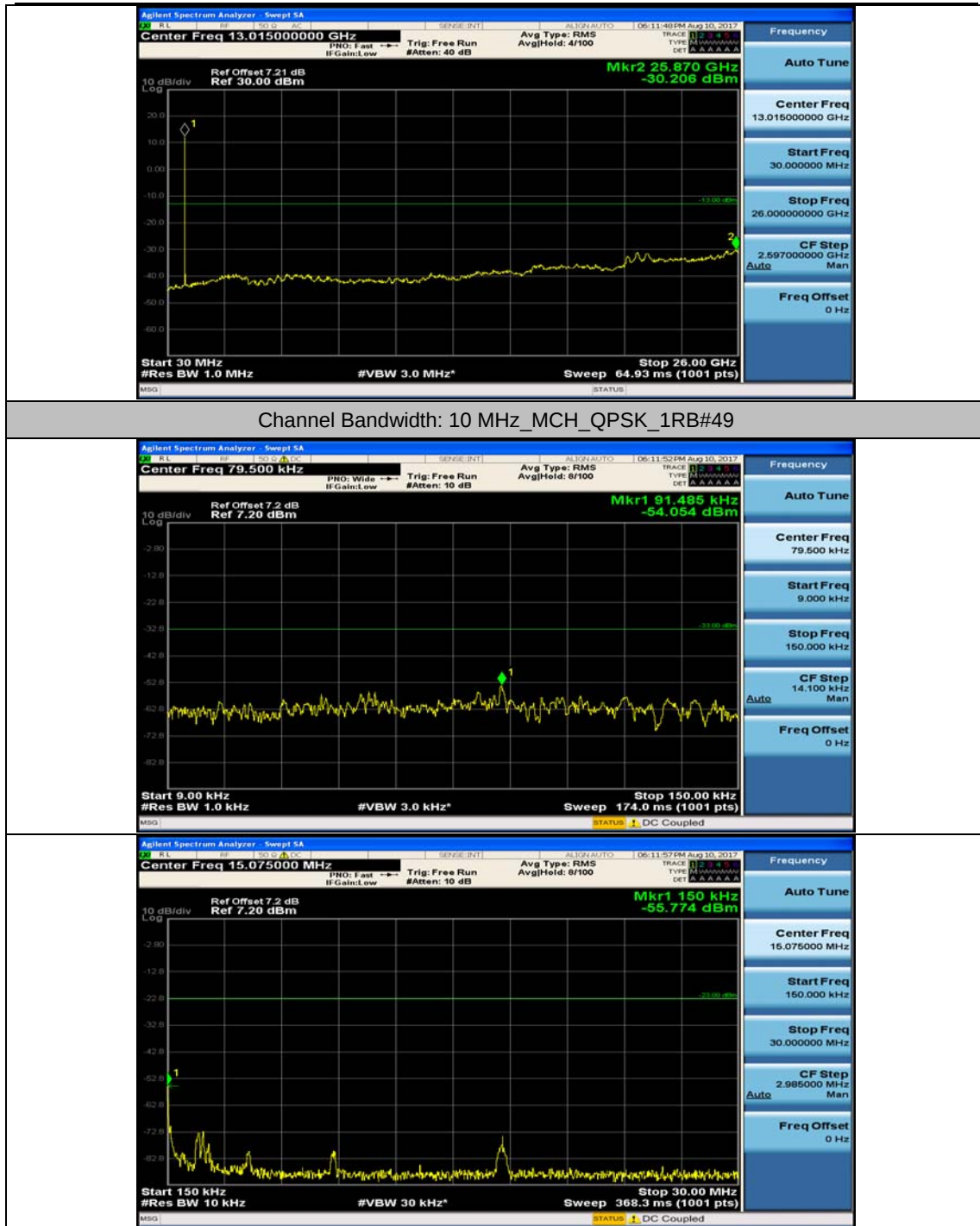


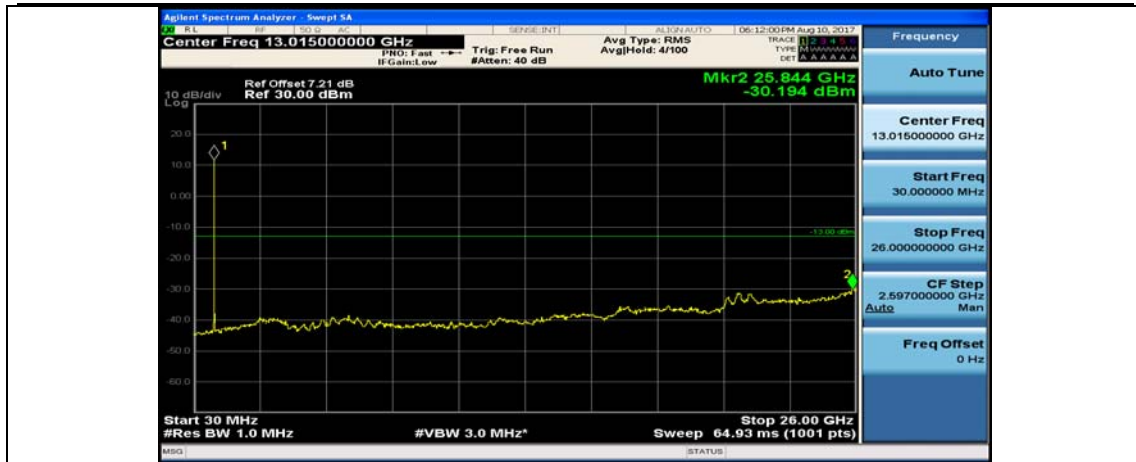


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

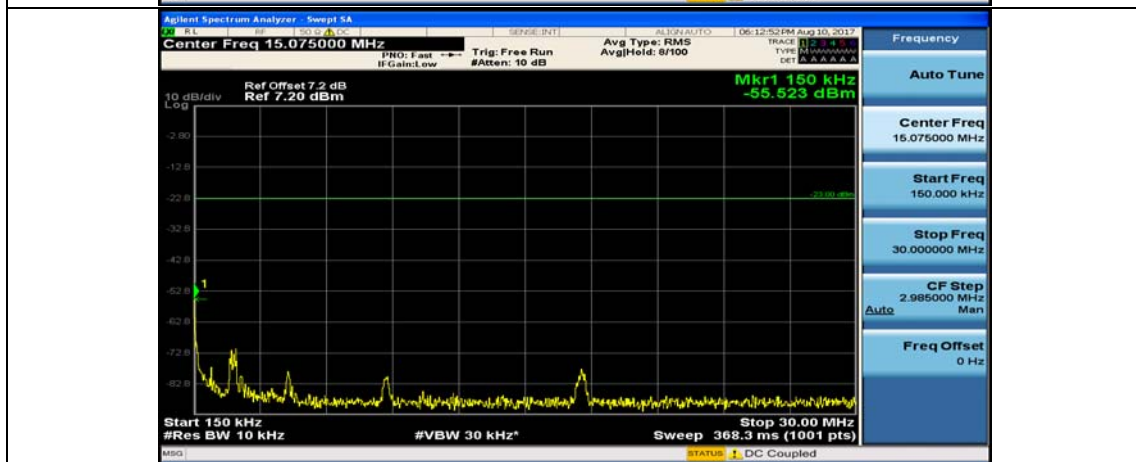
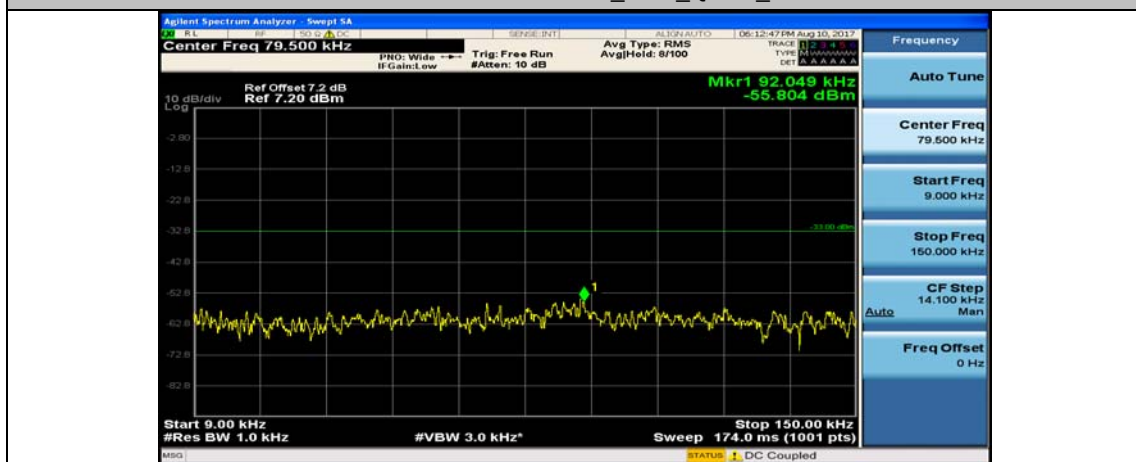


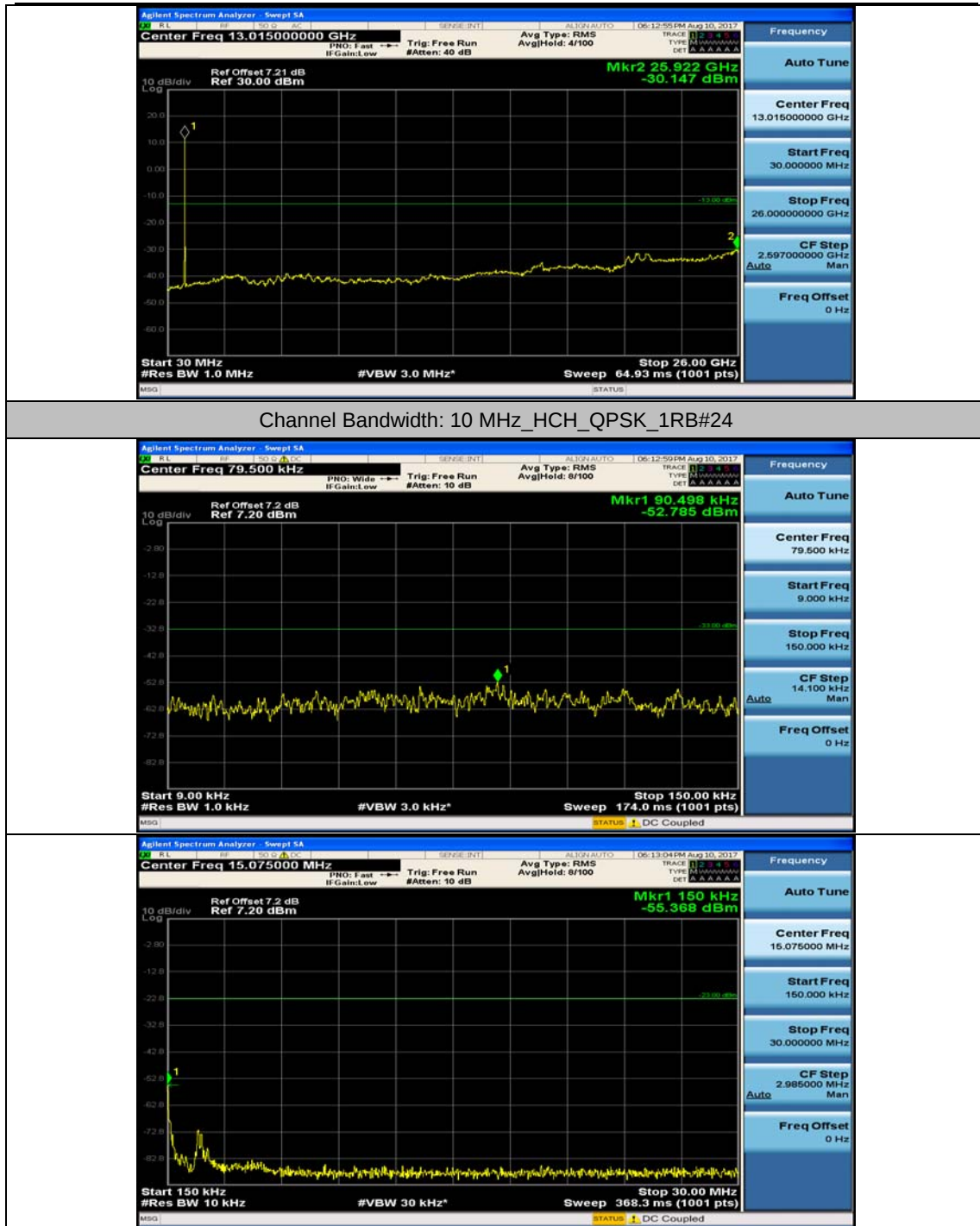


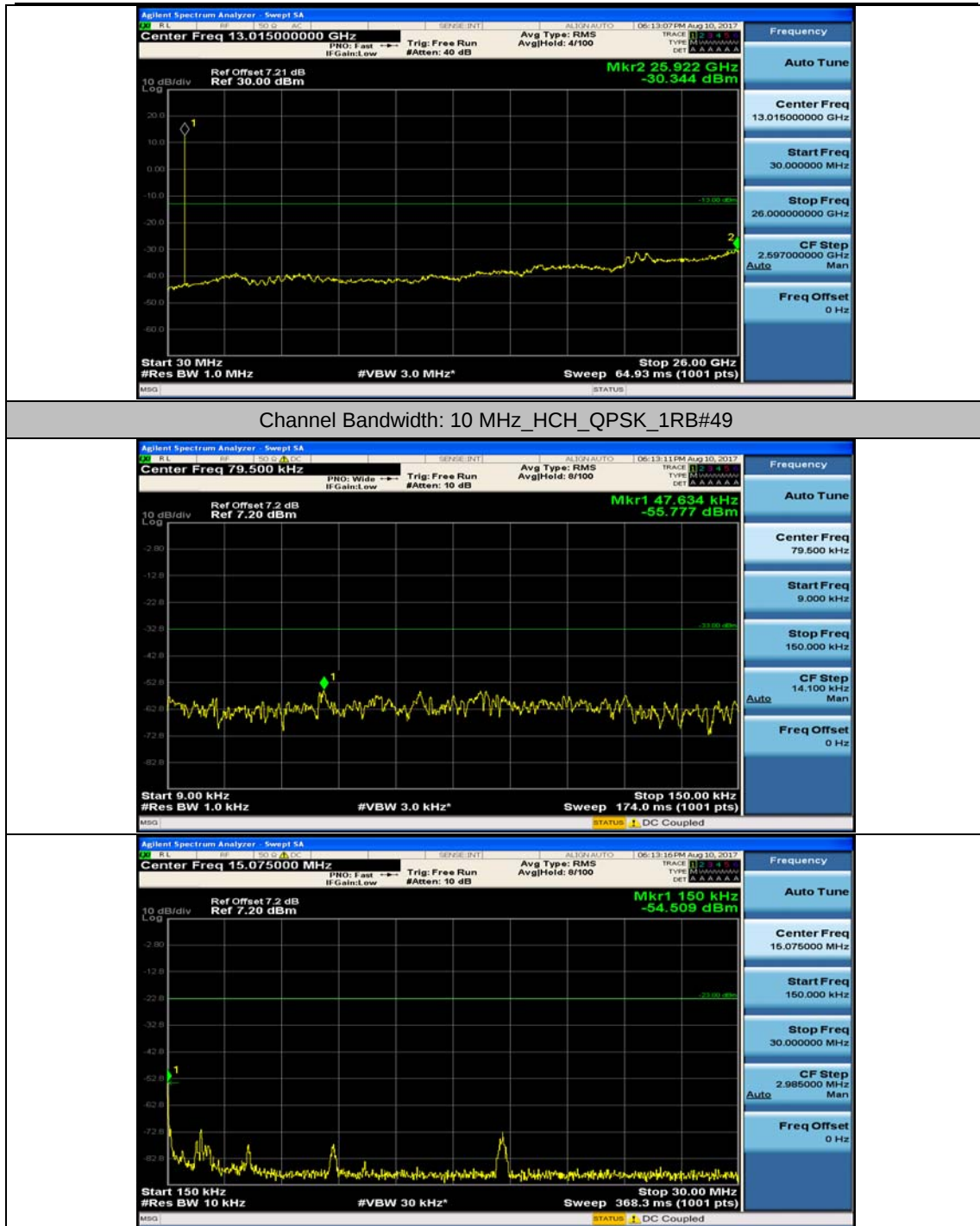




Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

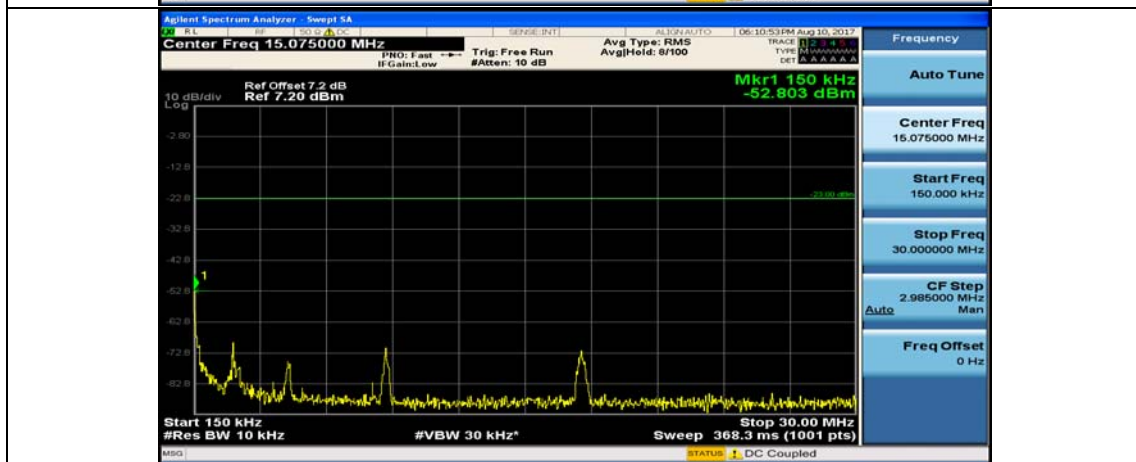
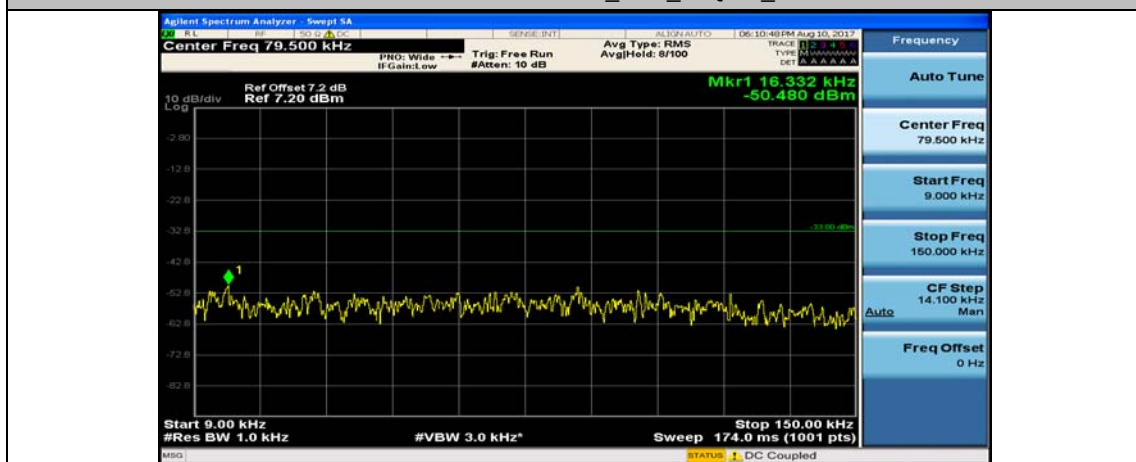


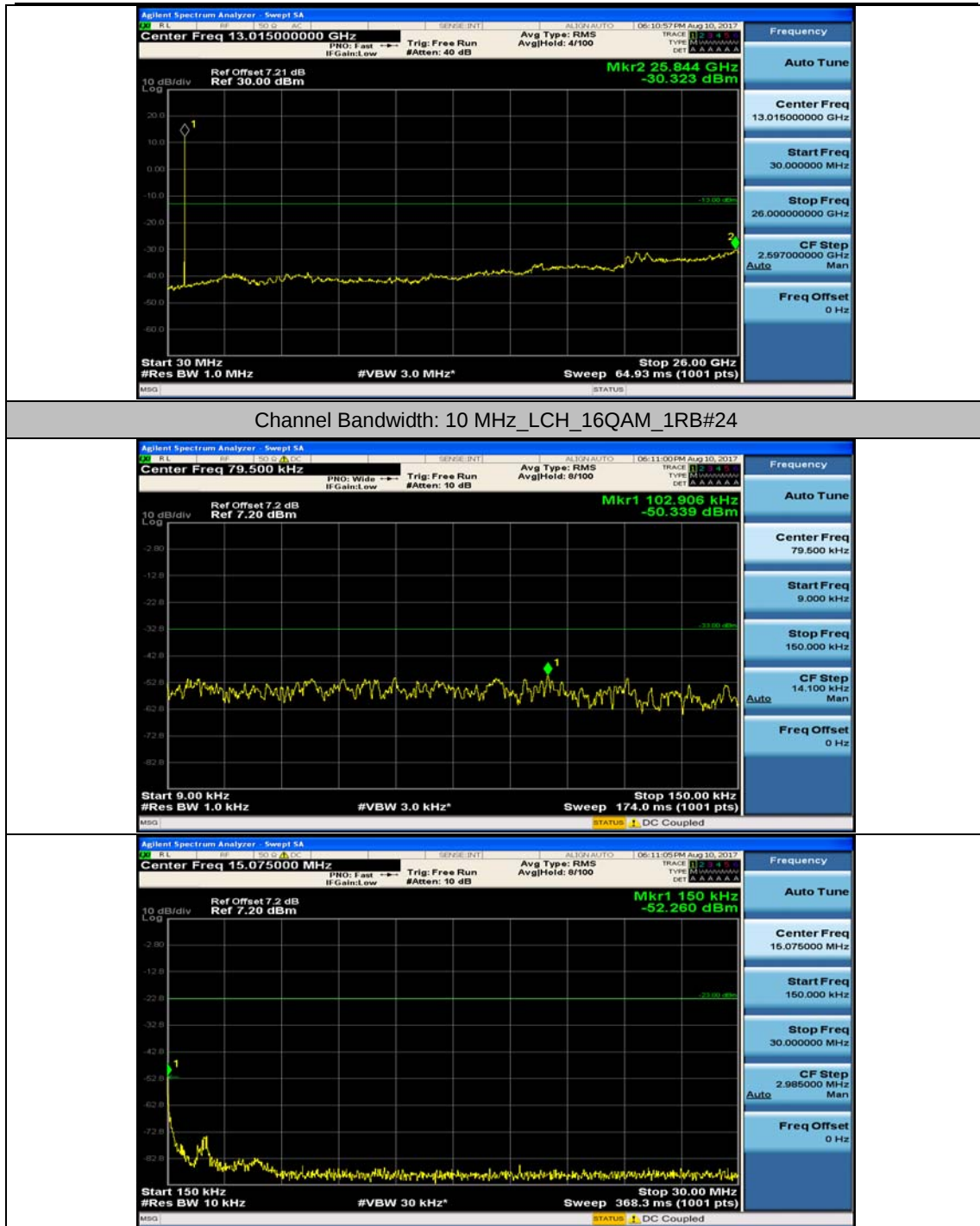


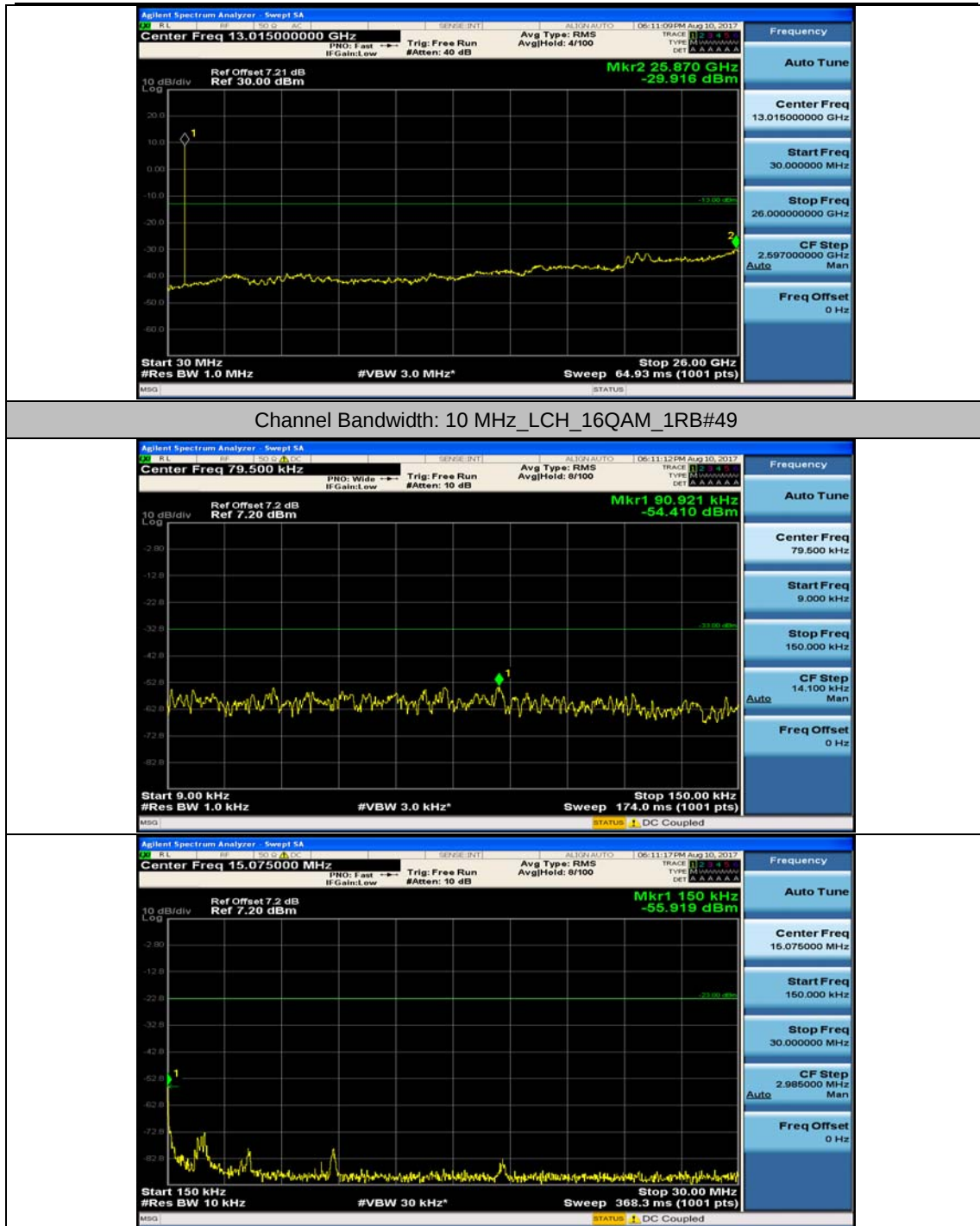


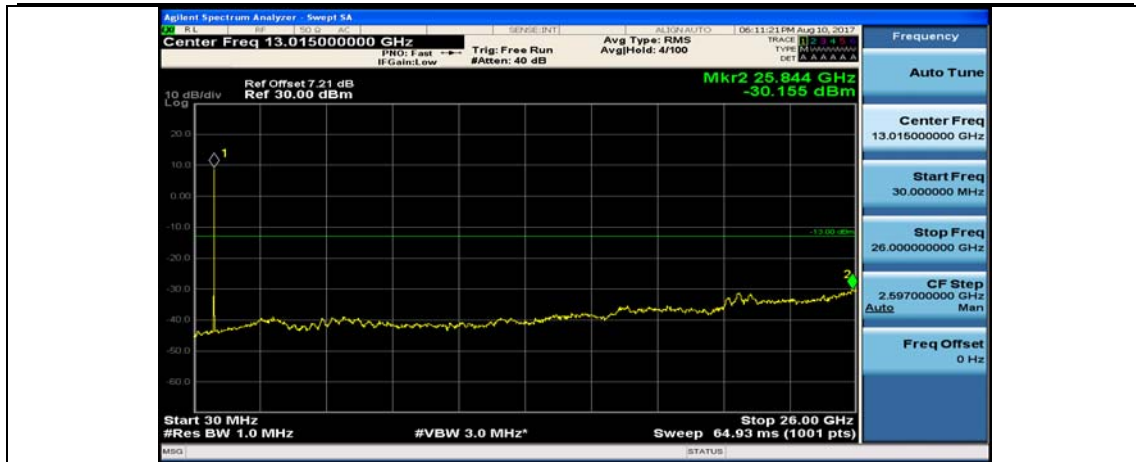


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

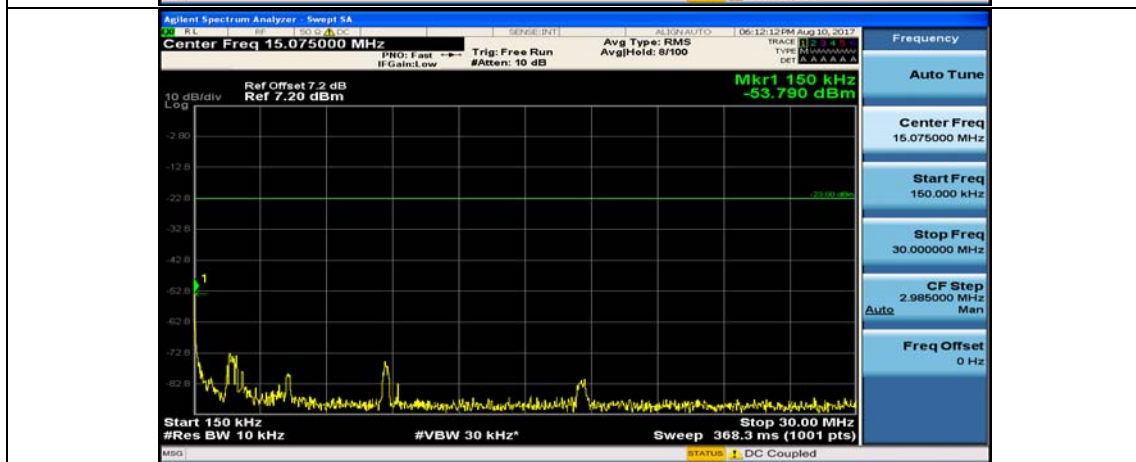
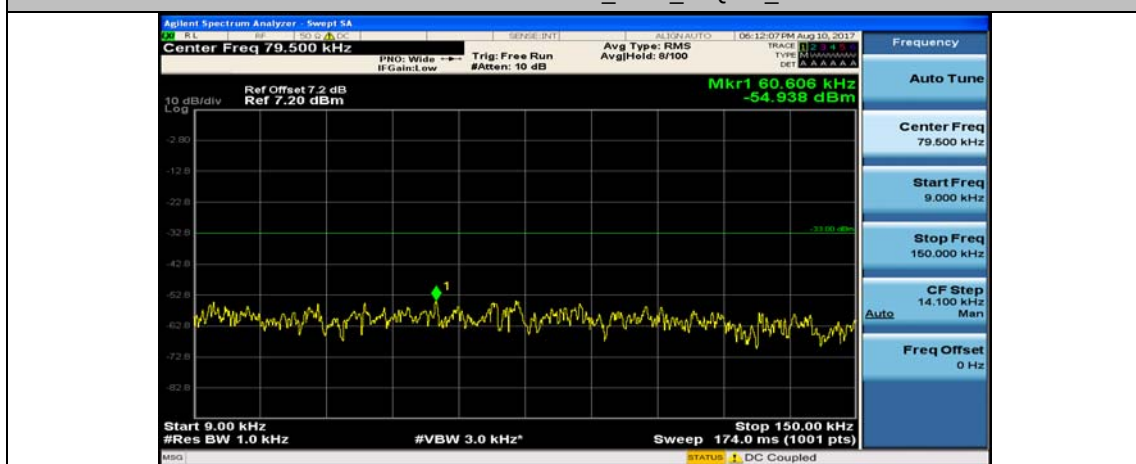


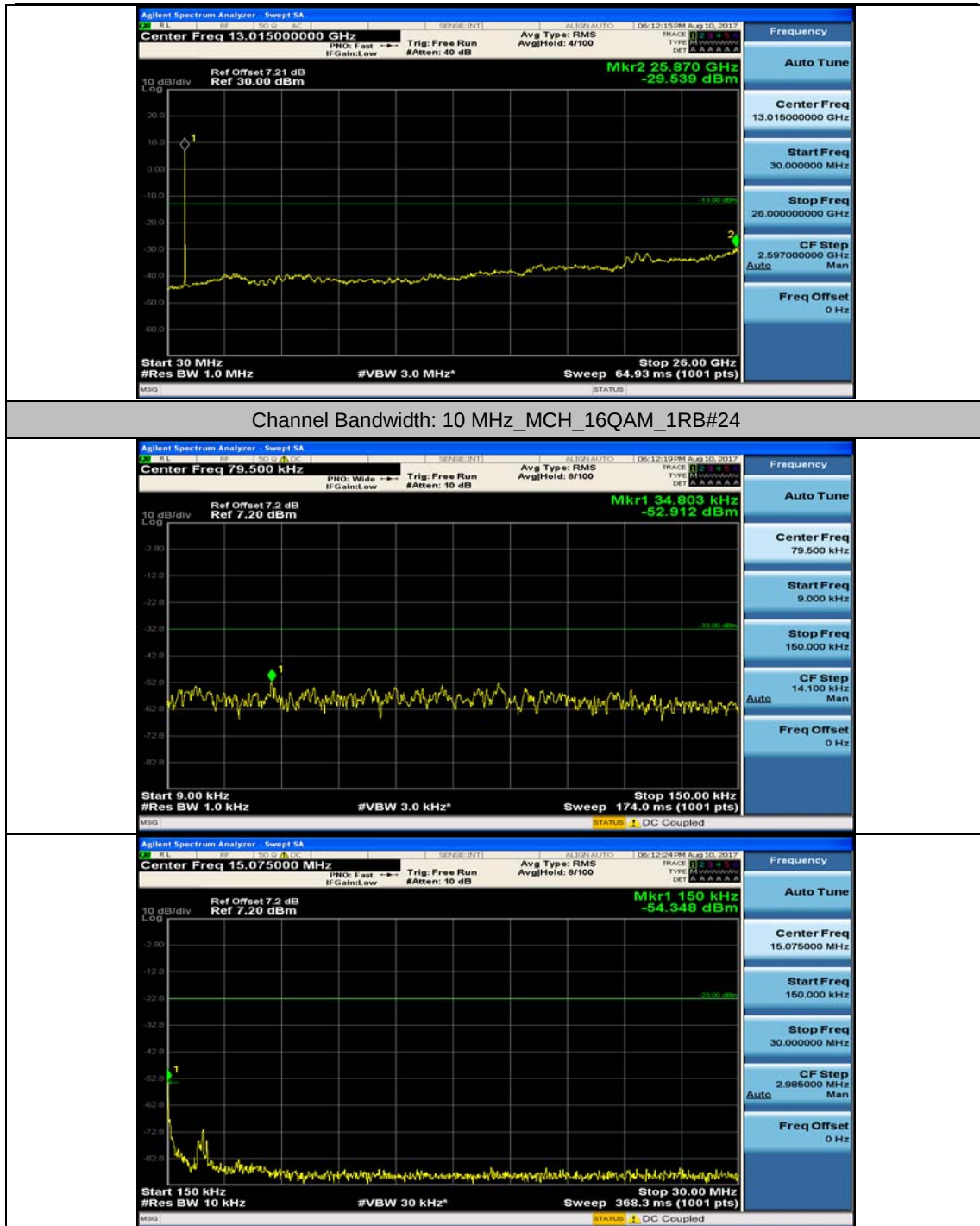


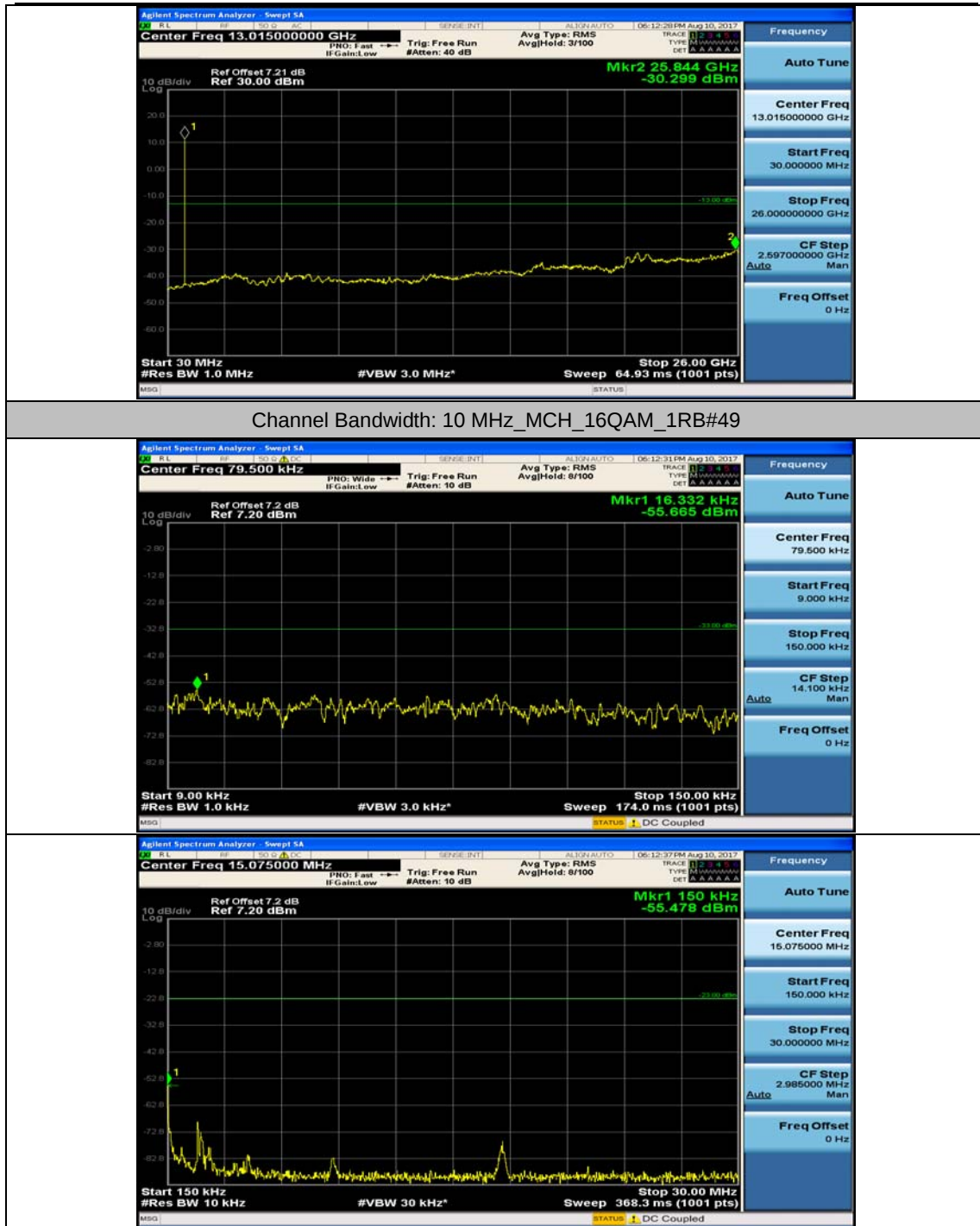




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

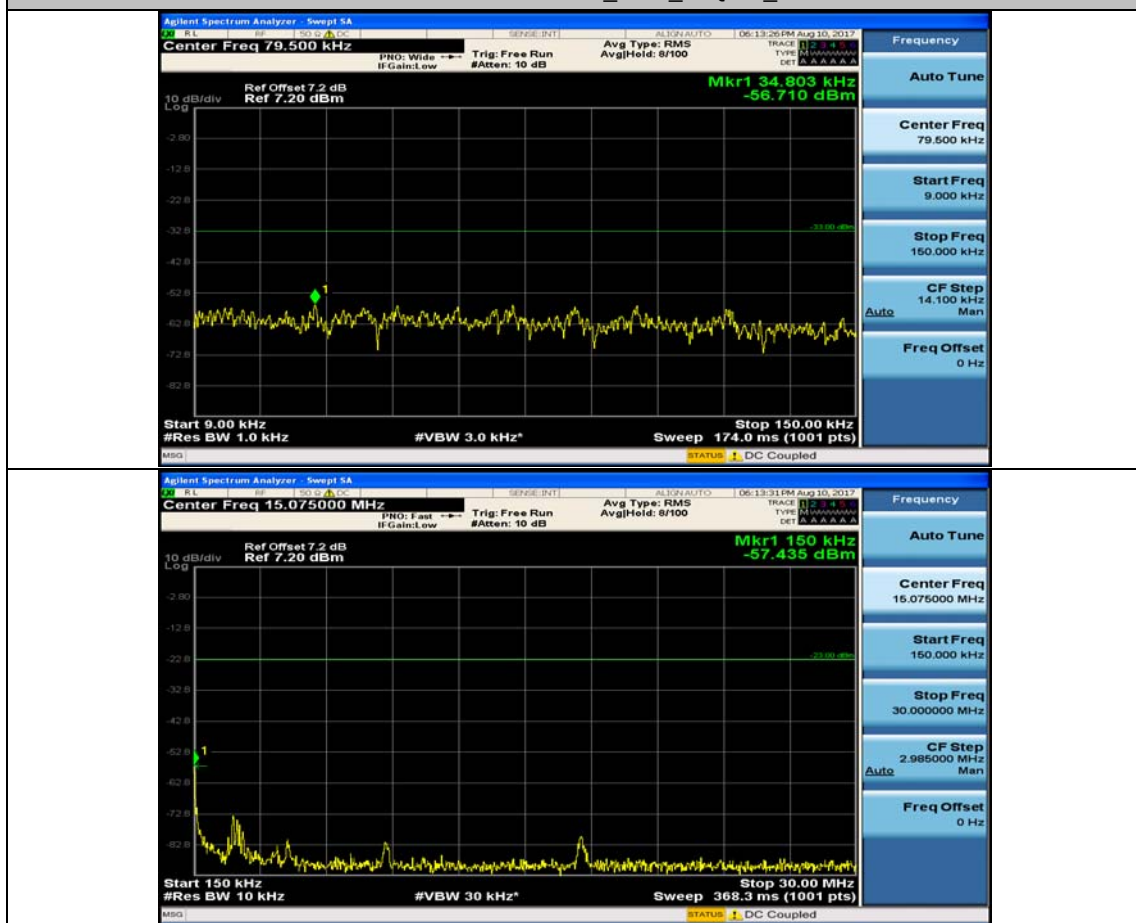


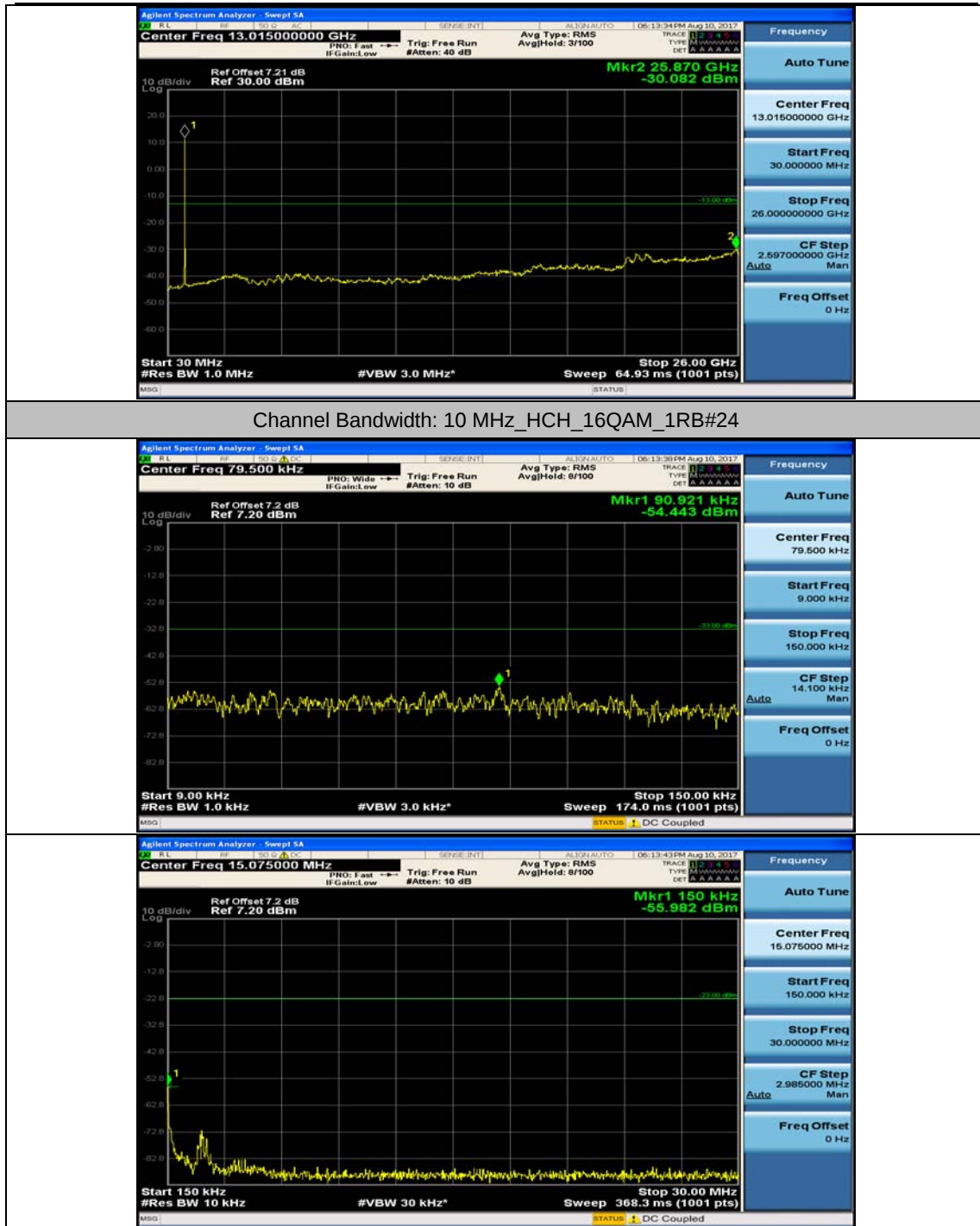


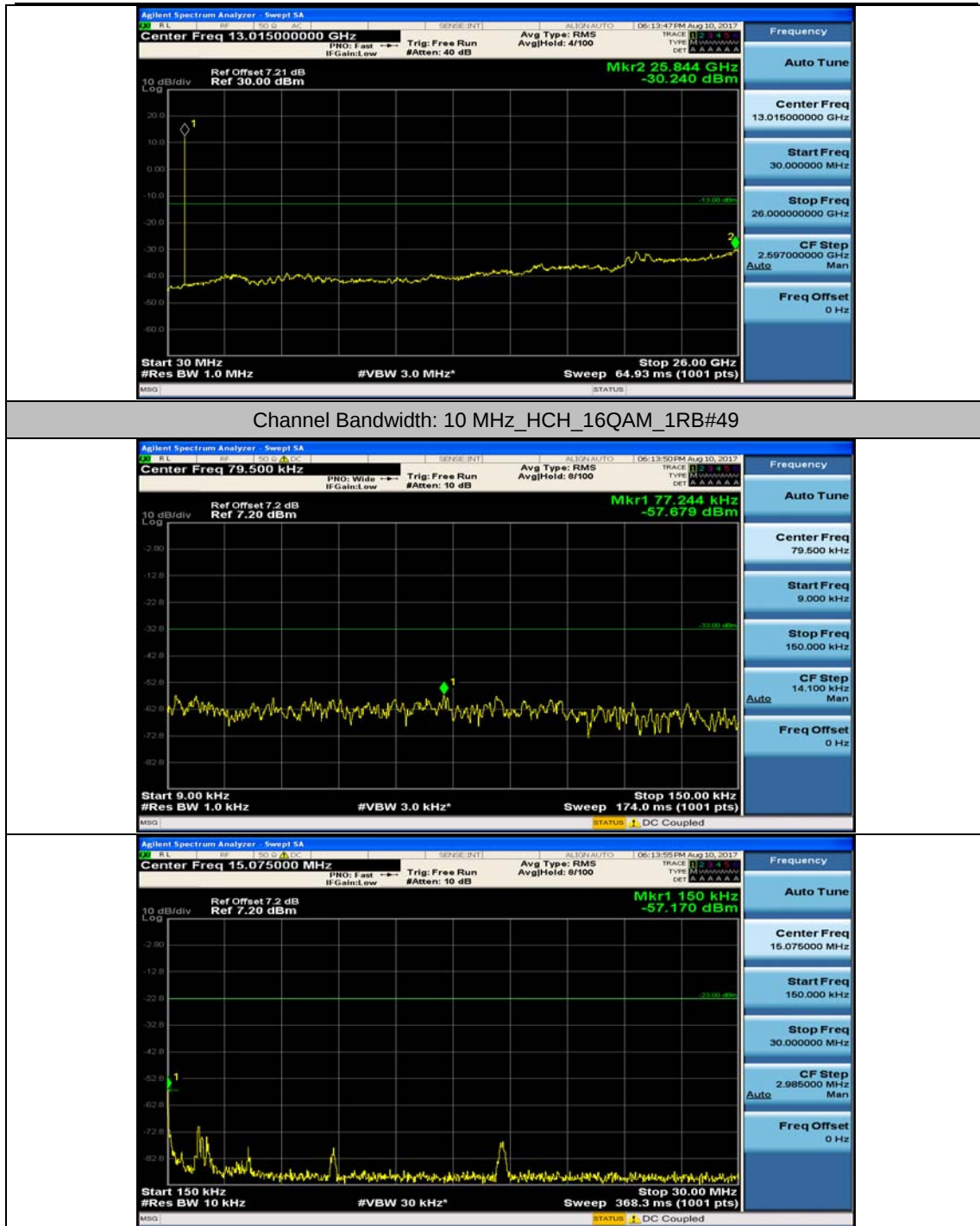


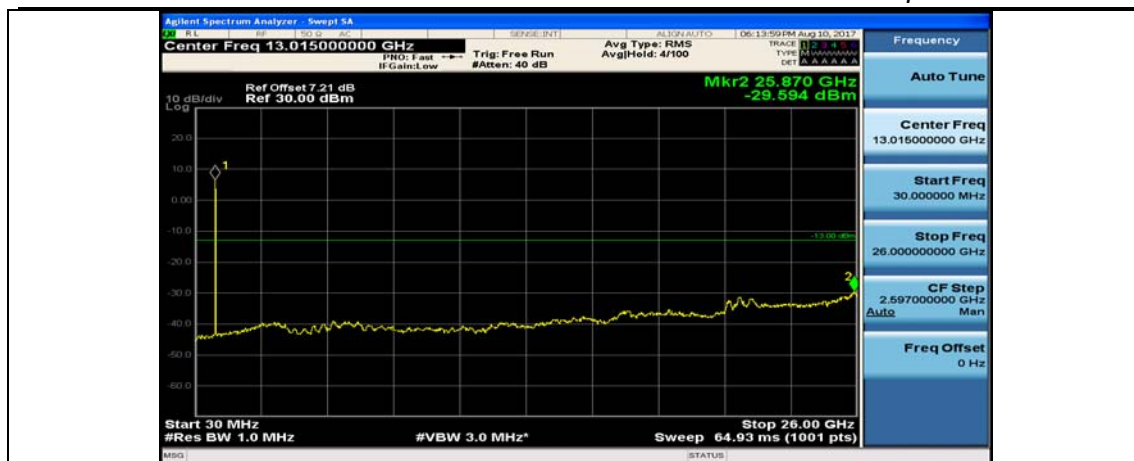


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0









Appendix F: Frequency Stability

Test Result

Bandwidth (MHz) :		10MHz		RB #:	Full
Limit (ppm) :		2.5ppm		Channel:	MCH
Temperature (°C)	Voltage (V)	Modulation		Result	
		QPSK	16QAM		
		Deviation (ppm)	Deviation (ppm)		
50	120	+0.033	+0.036	PASS	
40	120	+0.031	+0.032		
30	120	-0.022	-0.026		
20	120	+0.016	+0.019		
10	120	-0.017	-0.023		
0	120	+0.023	+0.027		
-10	120	+0.028	+0.031		
-20	120	-0.034	-0.033		
-30	120	+0.037	+0.037		
20	240	-0.021	-0.024	PASS	
20	100	+0.024	+0.028	PASS	

Note: All bandwidth and modulation are tested, only the worst result is reported.

Field Strength of Spurious Radiation Measurement

Test Result

Bandwidth:	5M		Test channel:	Lowest
Modulation:	QPSK		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1413.0	Vertical	-53.66	-13.00	PASS
2119.5	V	-57.41		
-	V	-		
1413.0	Horizontal	-54.06		
2119.5	H	-58.38		
-	H	-		
Bandwidth:	5M		Test channel:	Middle
Modulation:	QPSK		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1420.0	Vertical	-53.44	-13.00	PASS
2130.0	V	-57.82		
-	V	-		
1420.0	Horizontal	-52.71		
2130.0	H	-56.39		
-	H	-		
Bandwidth:	5M		Test channel:	Highest
Modulation:	QPSK		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1427.0	Vertical	-52.90	-13.00	PASS
2140.5	V	-57.11		
-	V	-		
1427.0	Horizontal	-53.89		
2140.5	H	-57.57		
-	H	-		

Bandwidth:	5M		Test channel:	Lowest
Modulation:	16QAM		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1413.0	Vertical	-52.66	-13.00	PASS
2119.5	V	-56.80		
-	V	-		
1413.0	Horizontal	-53.05		
2119.5	H	-57.39		
-	H	-		
Bandwidth:	5M		Test channel:	Middle
Modulation:	QPSK		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1420.0	Vertical	-52.86	-13.00	PASS
2130.0	V	-57.00		
-	V	-		
1420.0	Horizontal	-53.90		
2130.0	H	-57.42		
-	H	-		
Bandwidth:	5M		Test channel:	Highest
Modulation:	QPSK		Temperature :	23~24°C
RB #:	1		Relative Humidity:	46~48%
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.			
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1427.0	Vertical	-52.50	-13.00	PASS
2140.5	V	-57.28		
-	V	-		
1427.0	Horizontal	-53.38		
2140.5	H	-57.33		
-	H	-		

Note: All bandwidth and modulation are tested, only the worst result is reported.