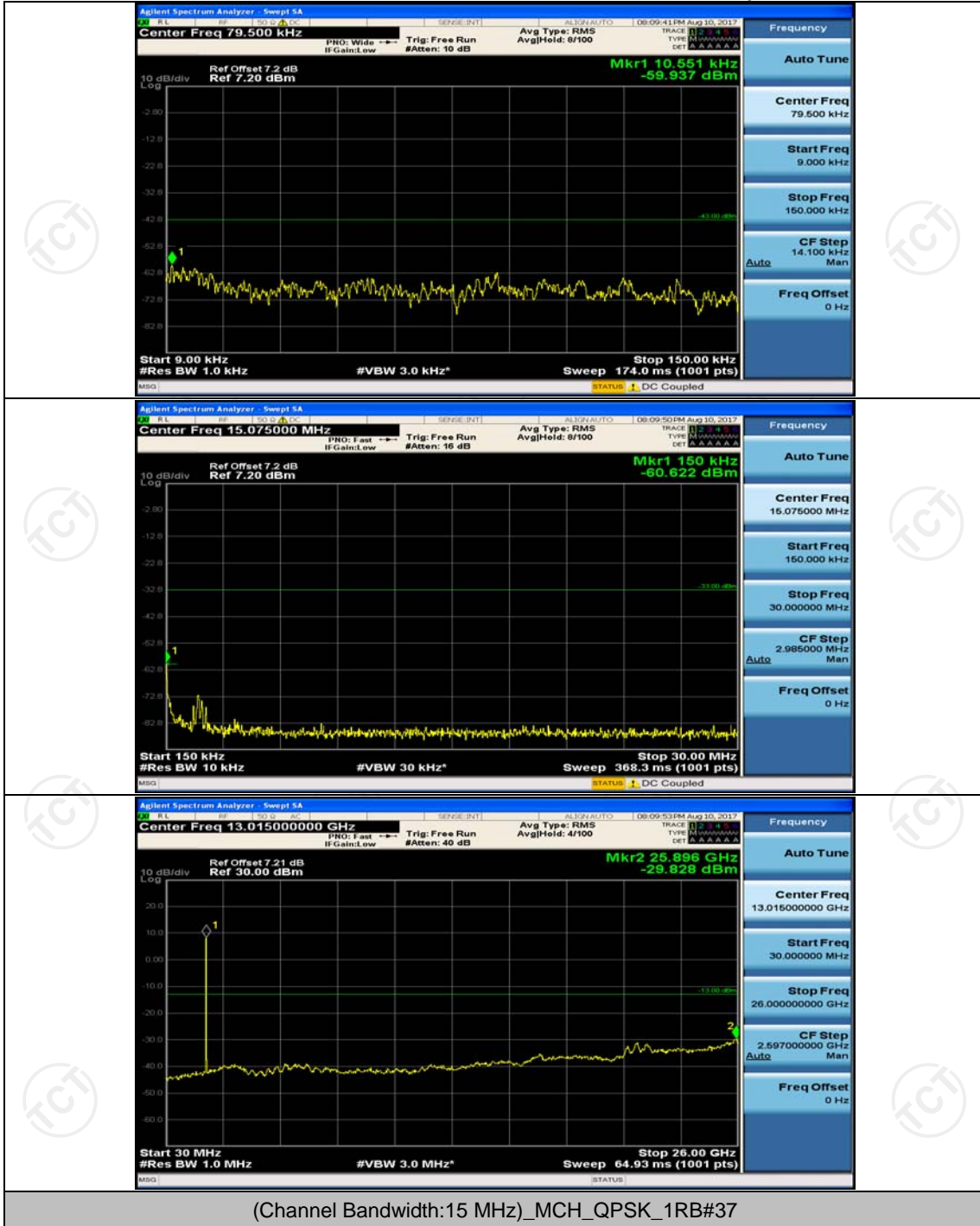
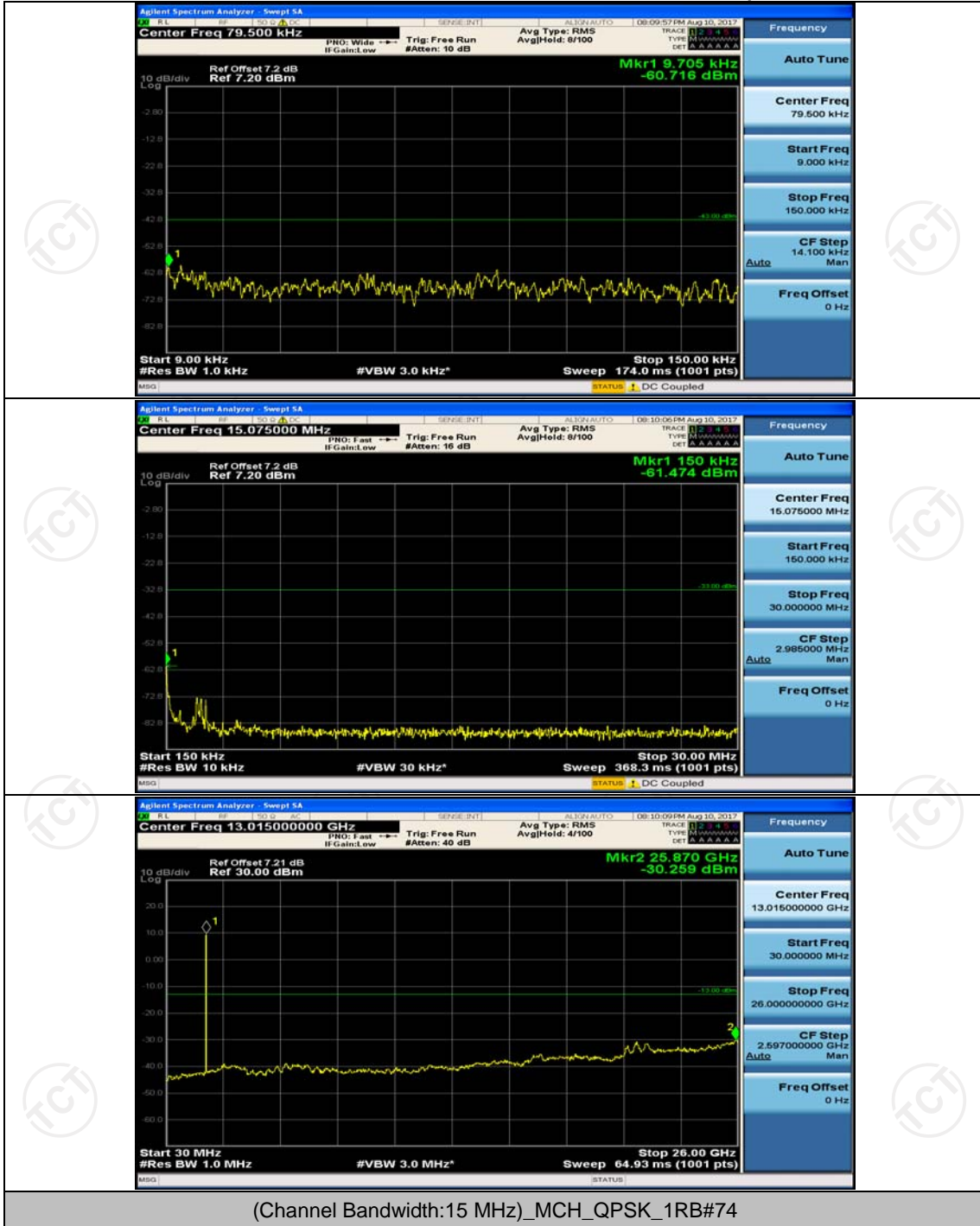
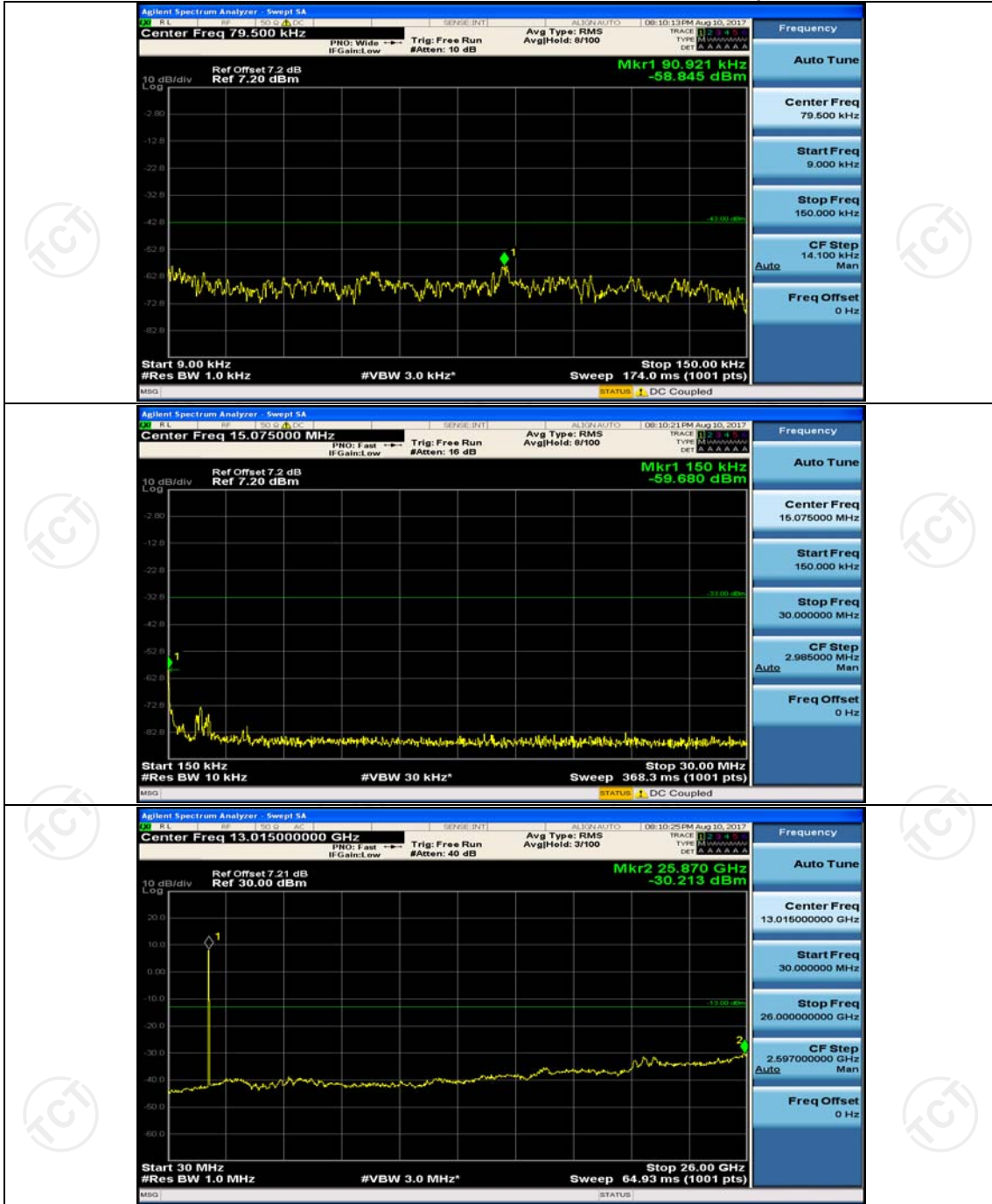


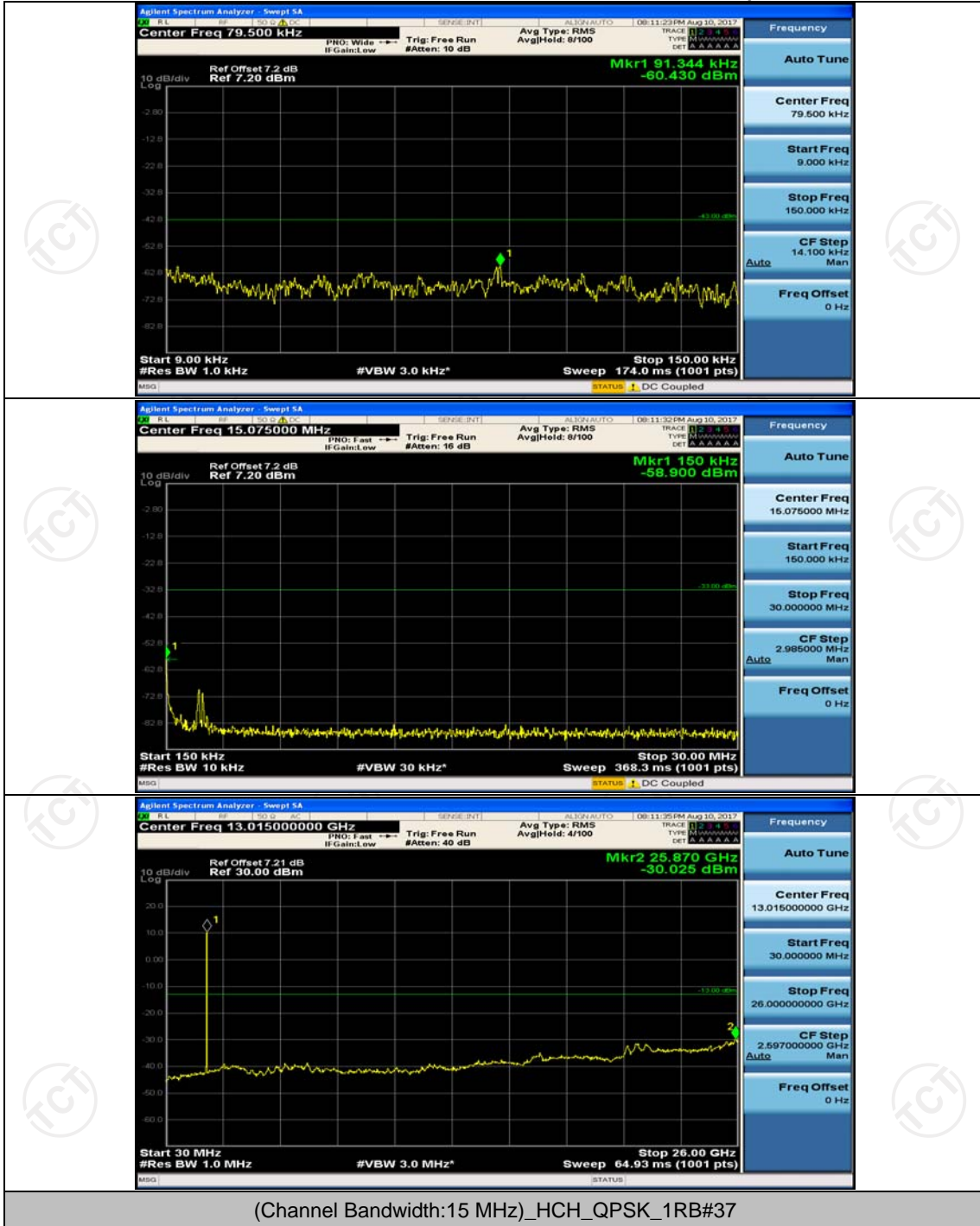
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

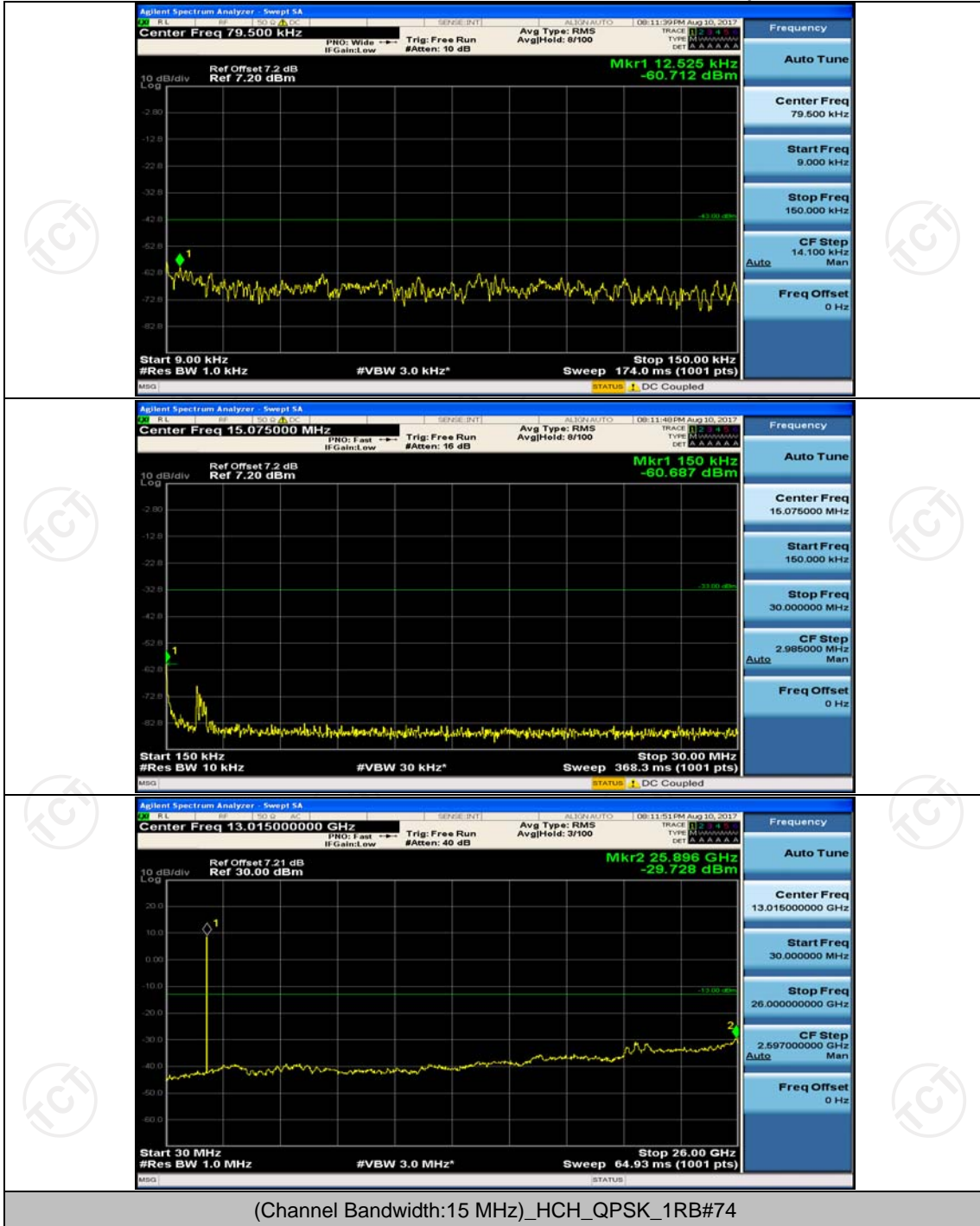


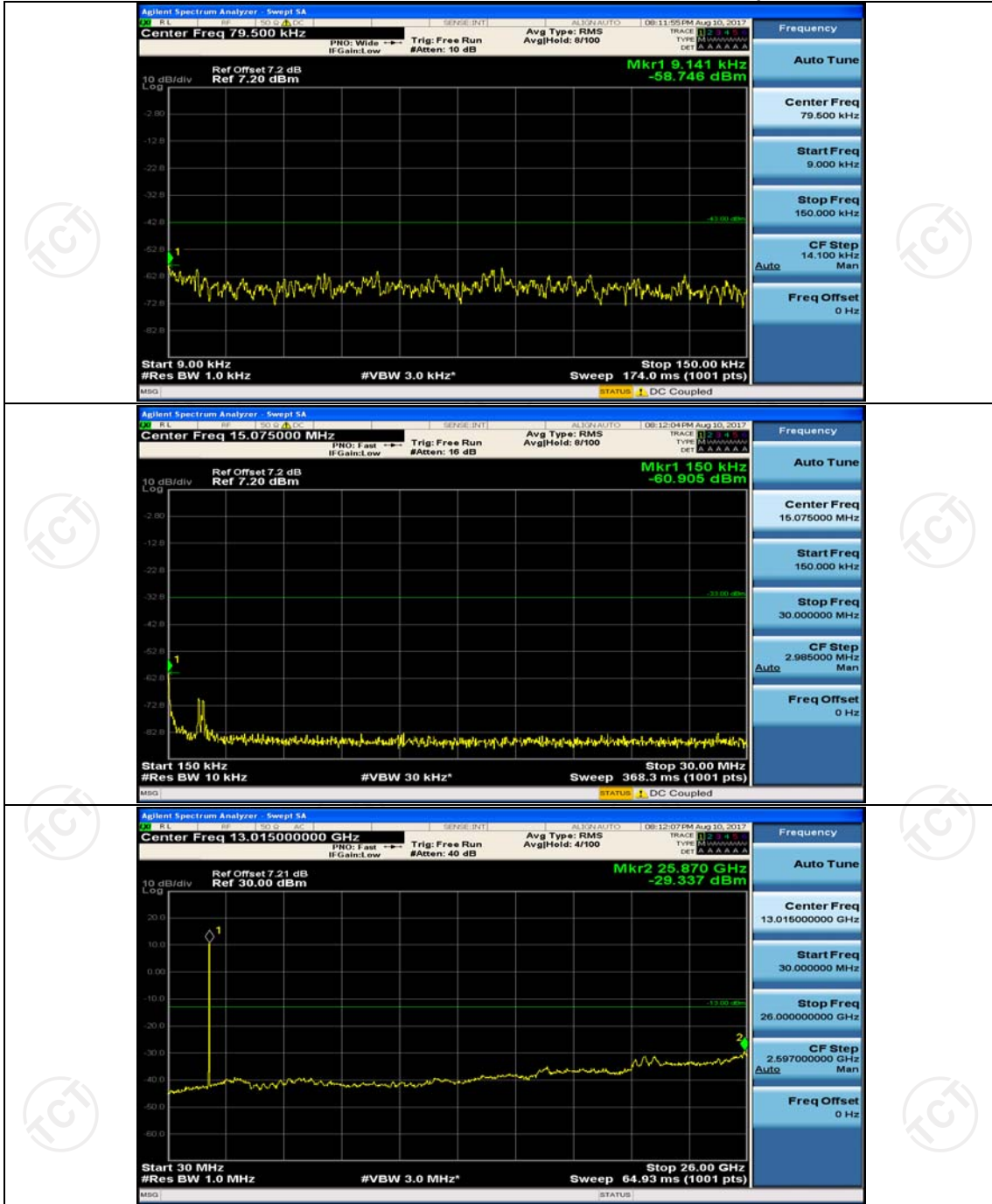




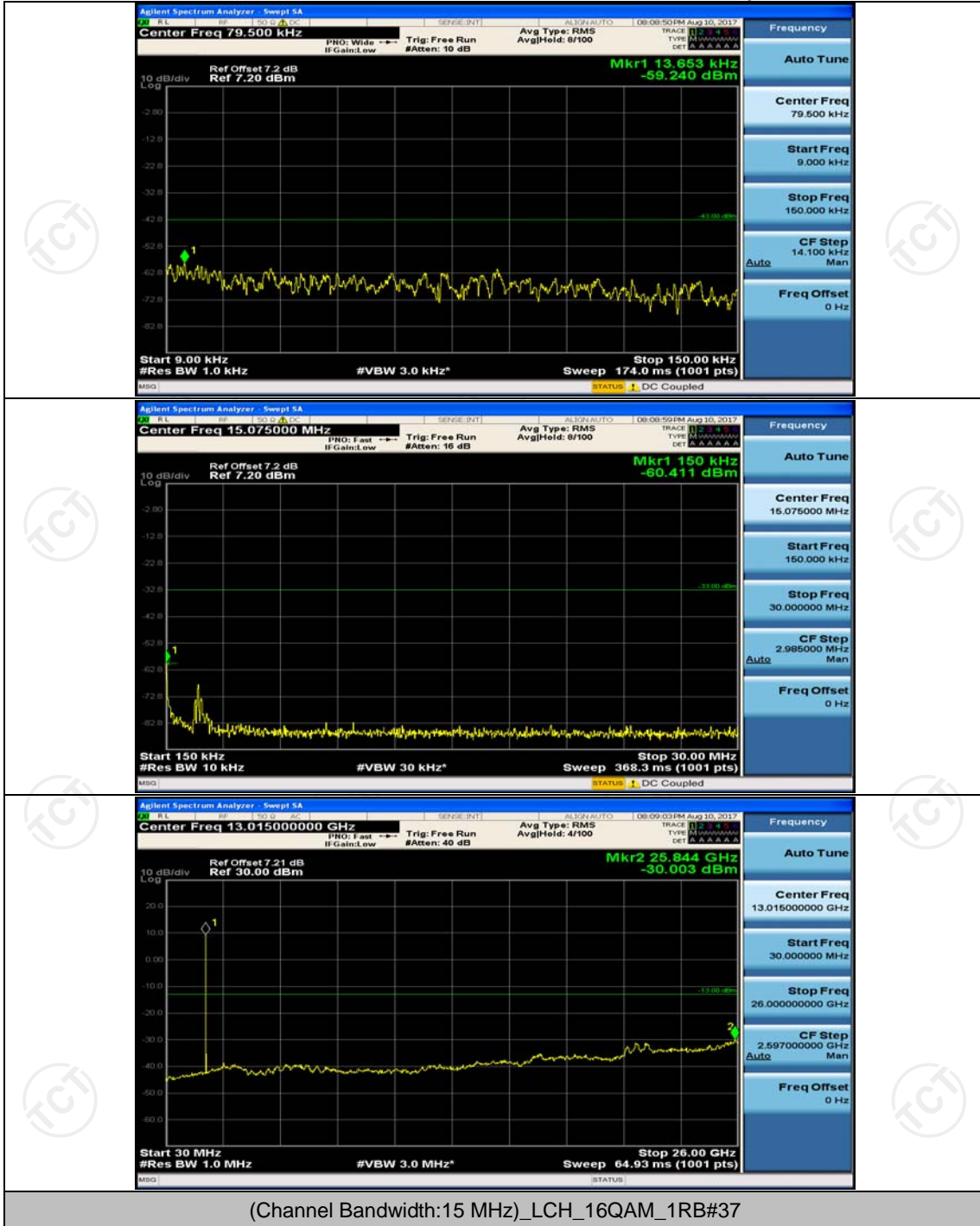
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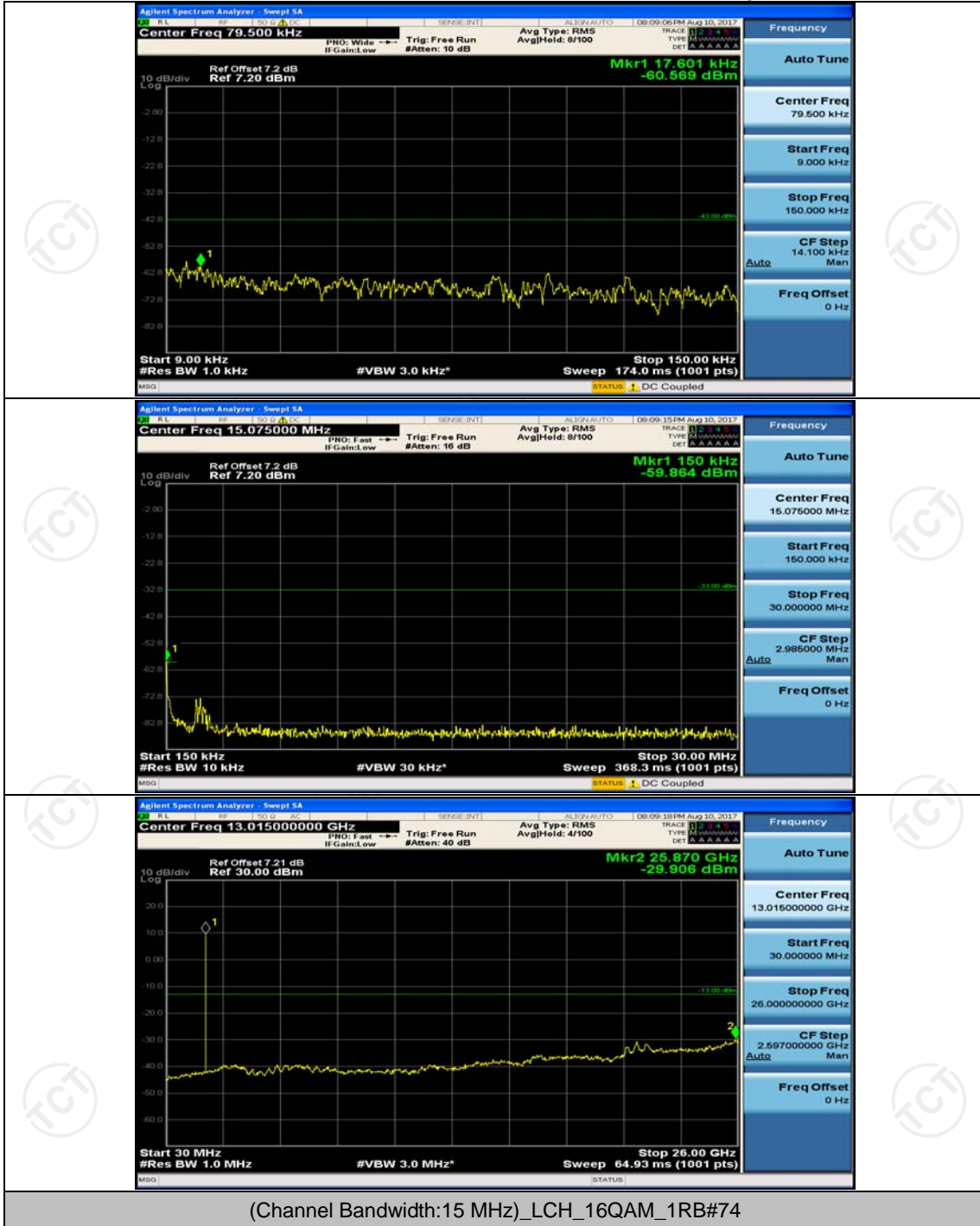


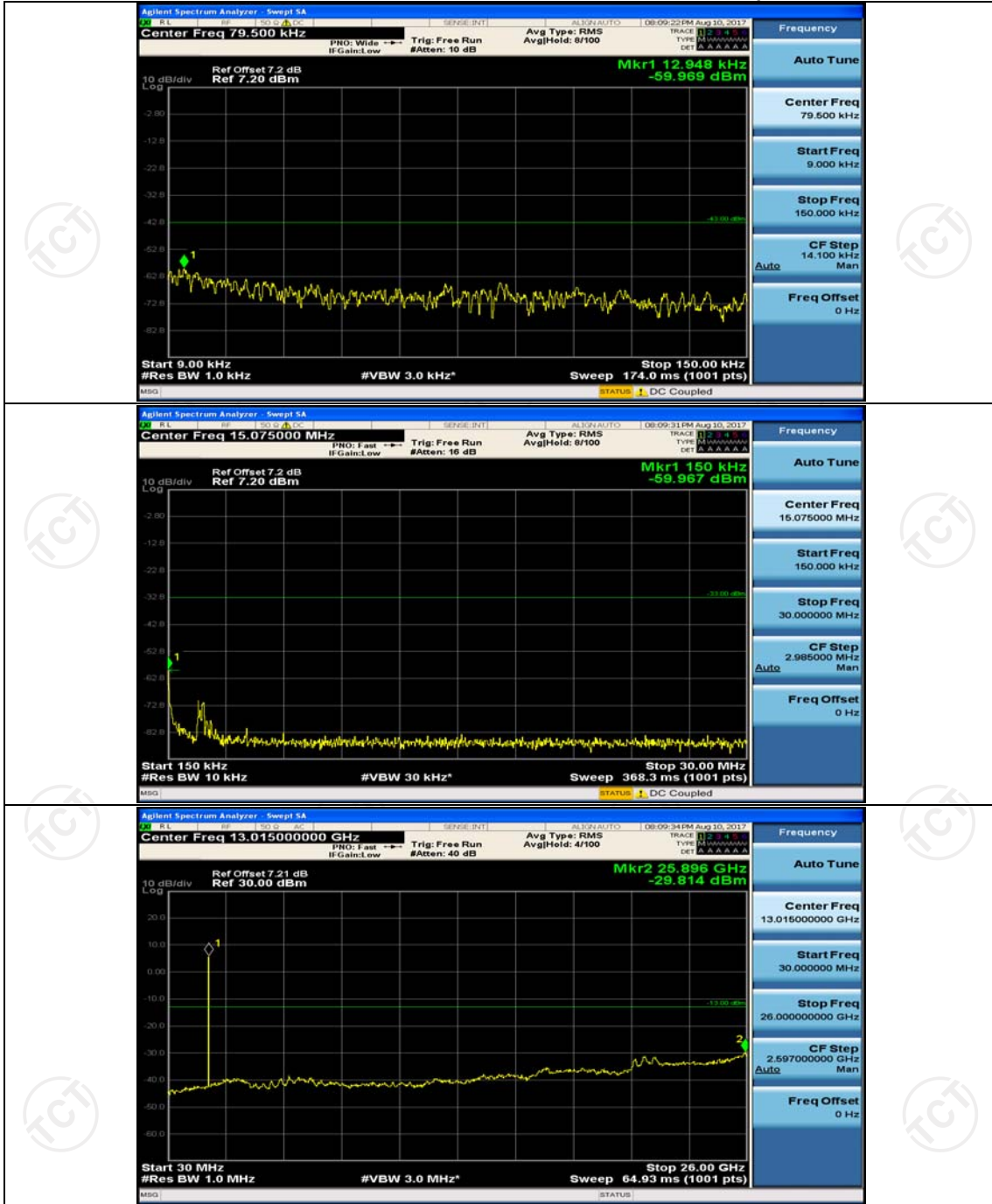




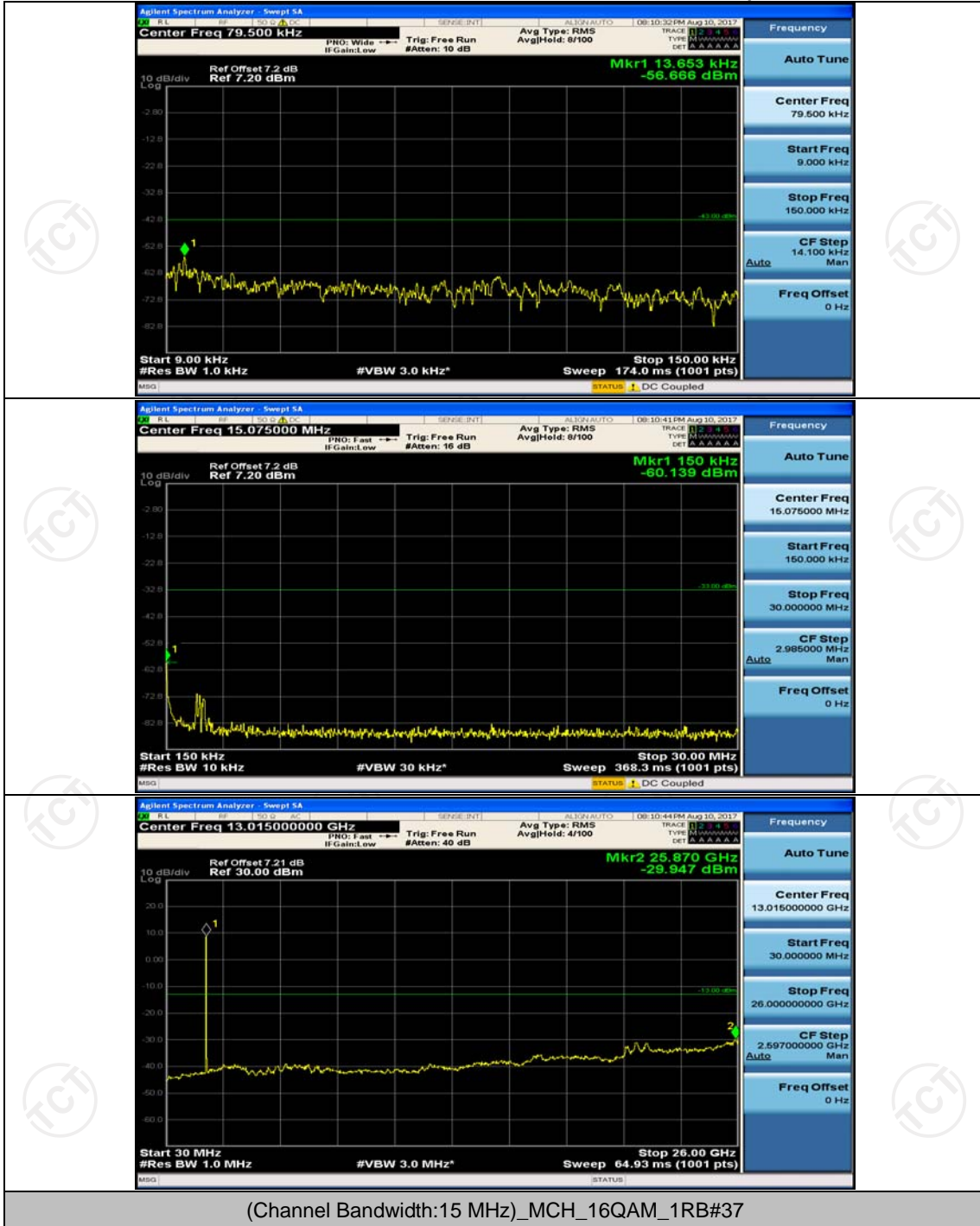
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

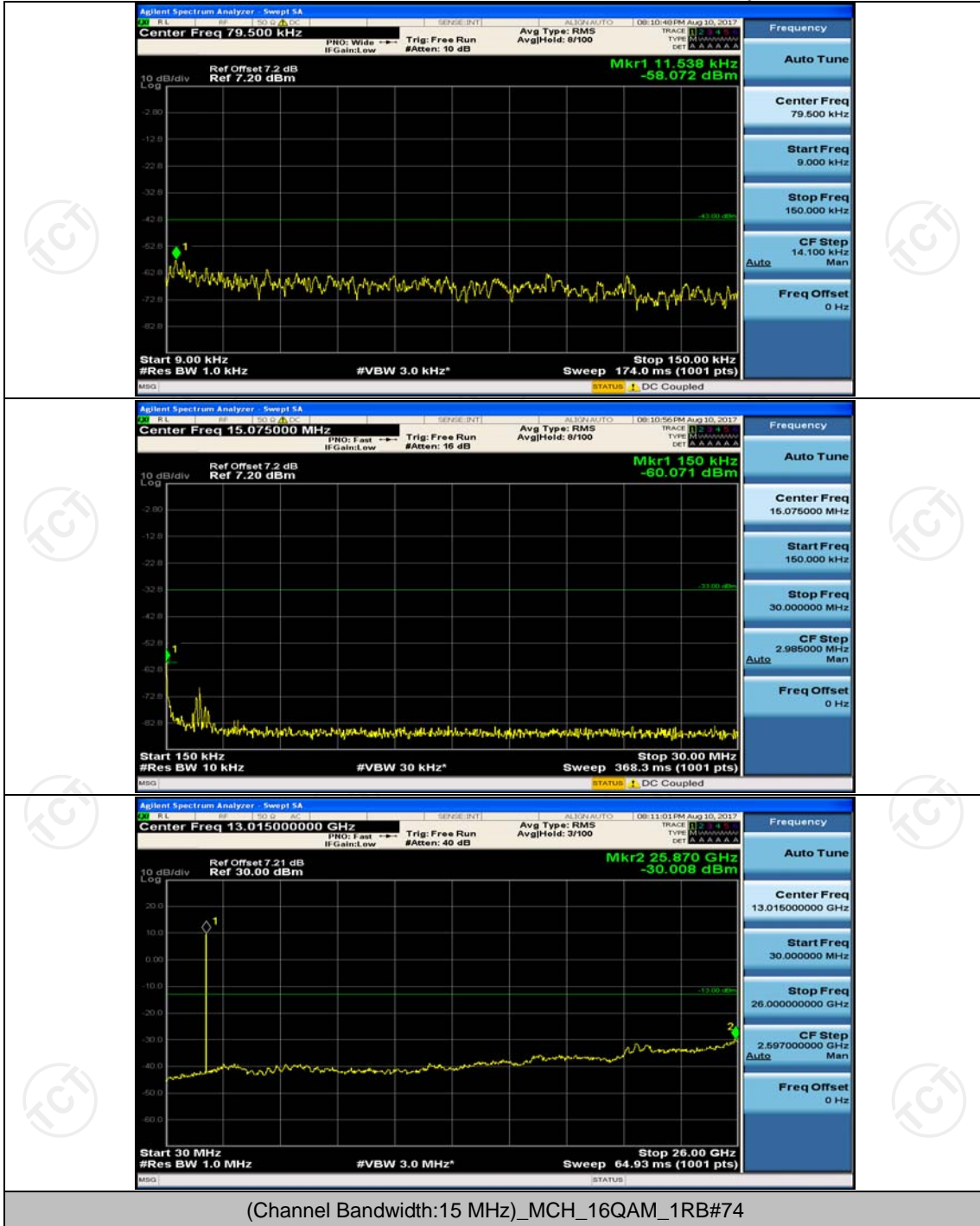


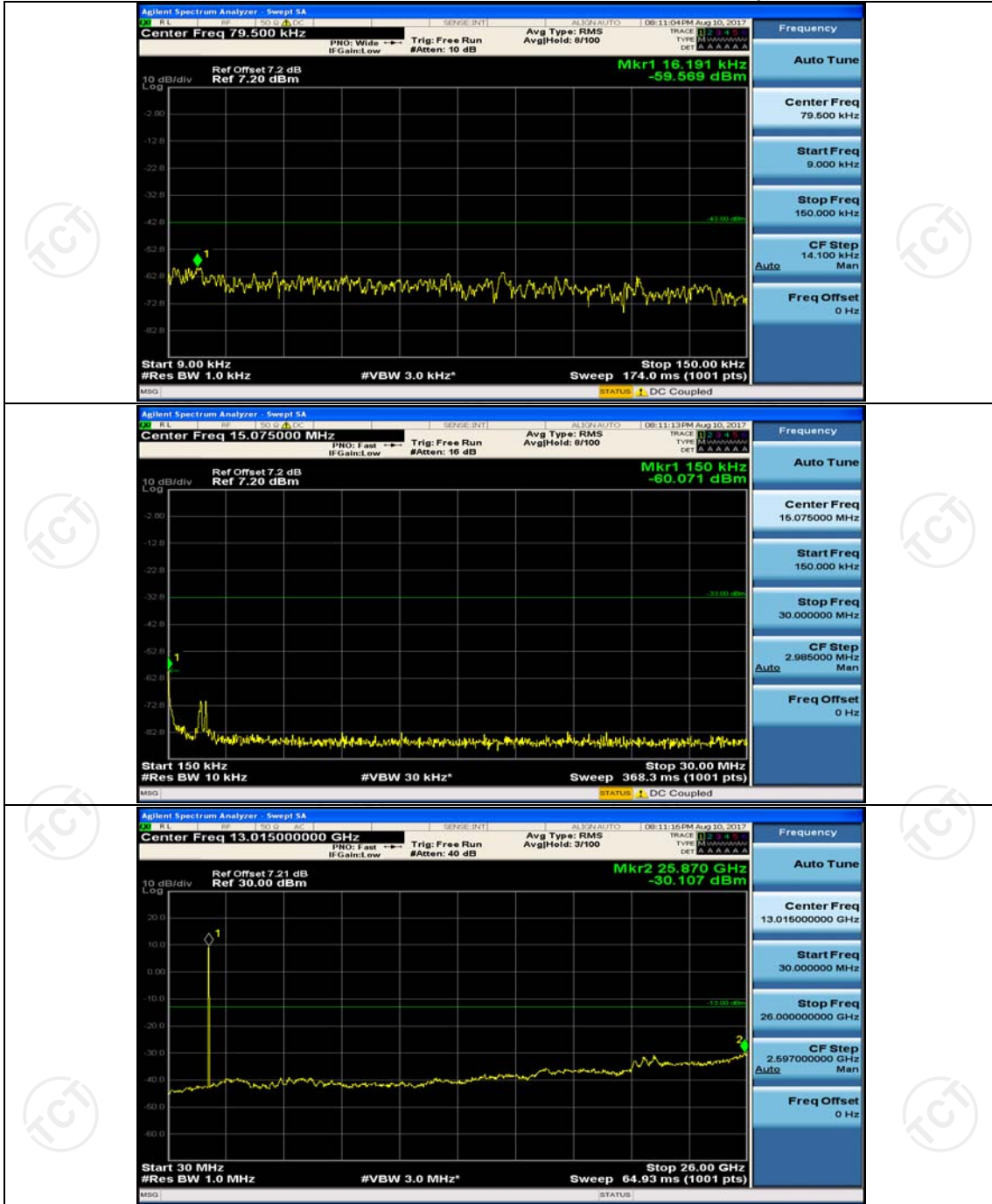




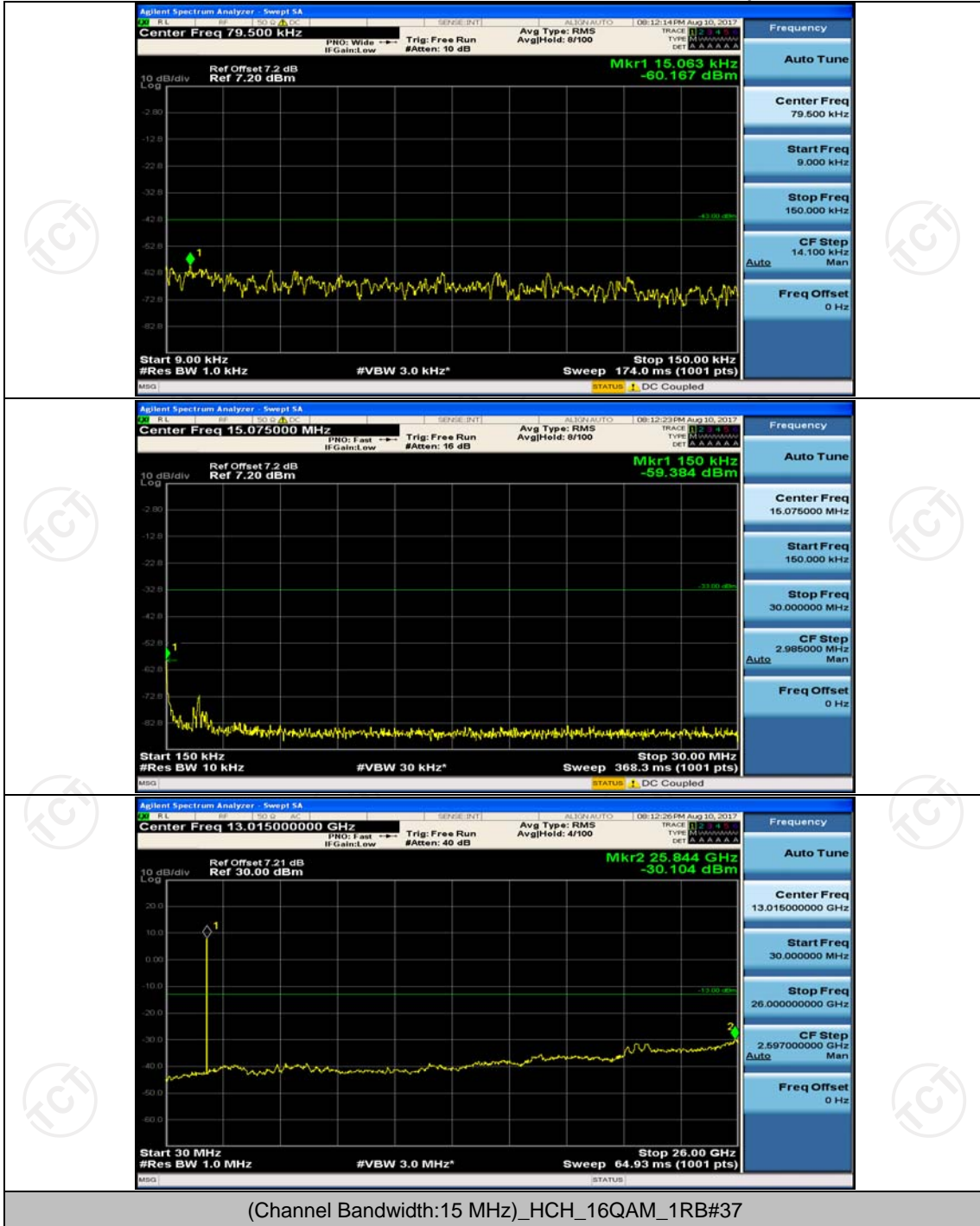
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

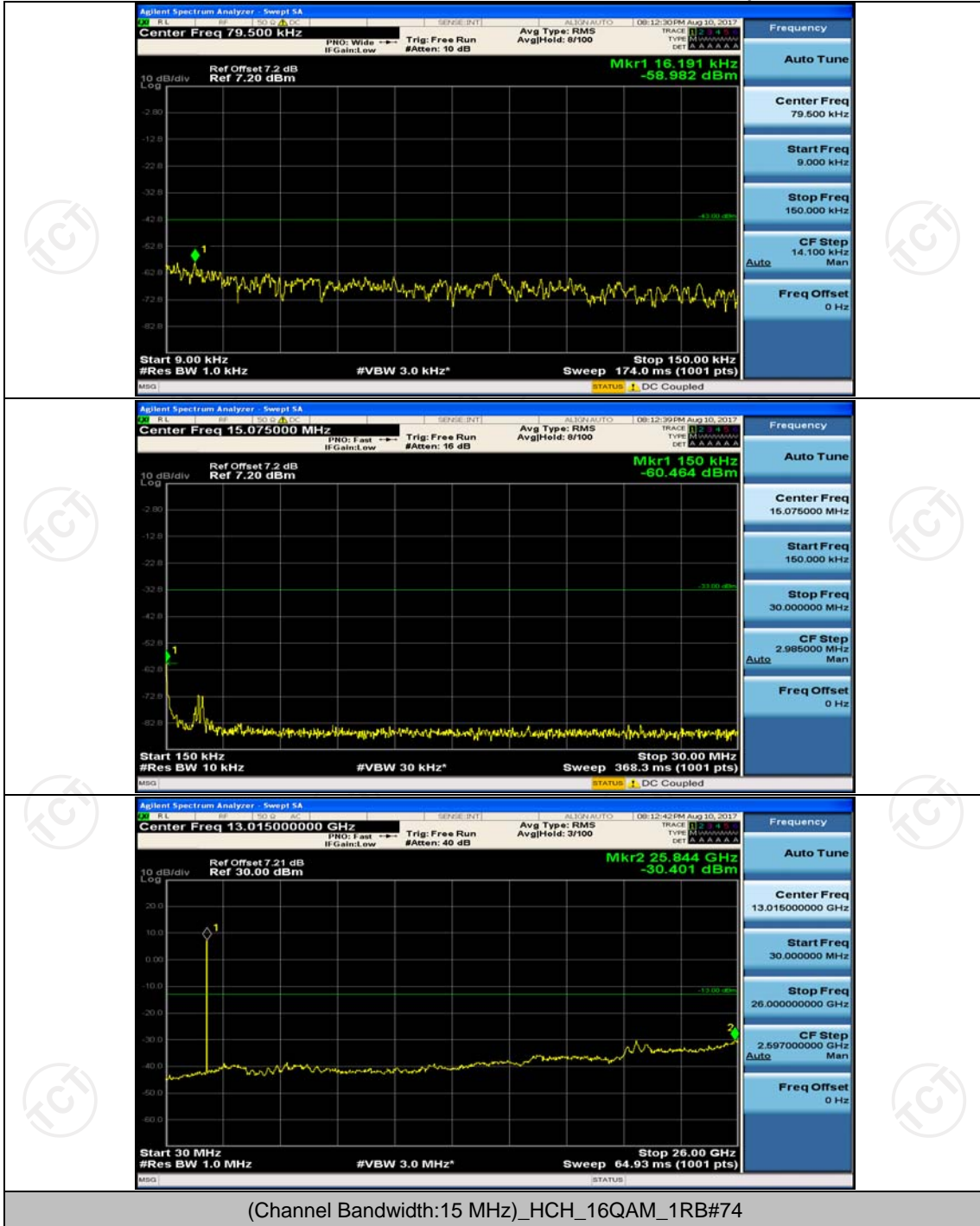


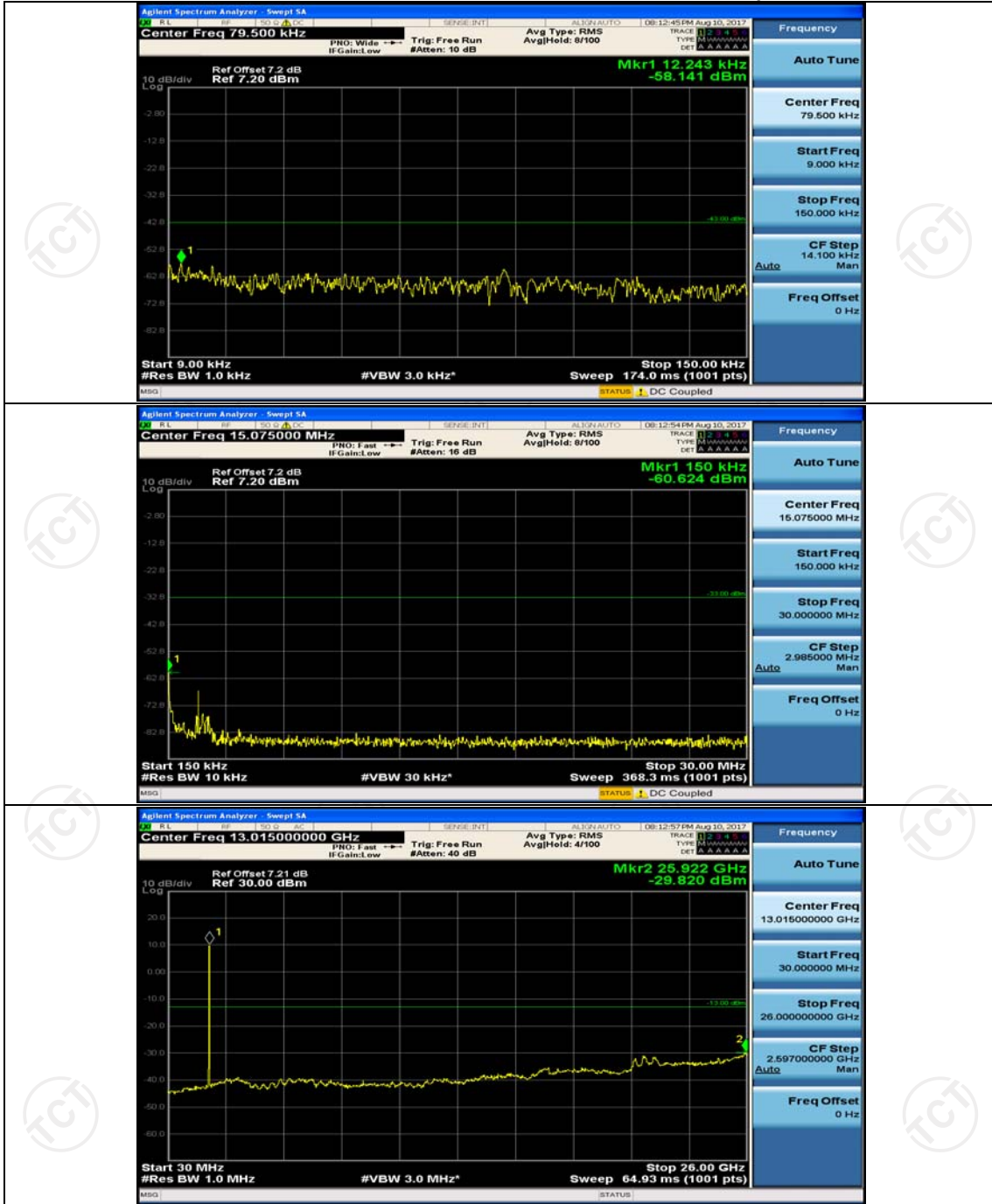




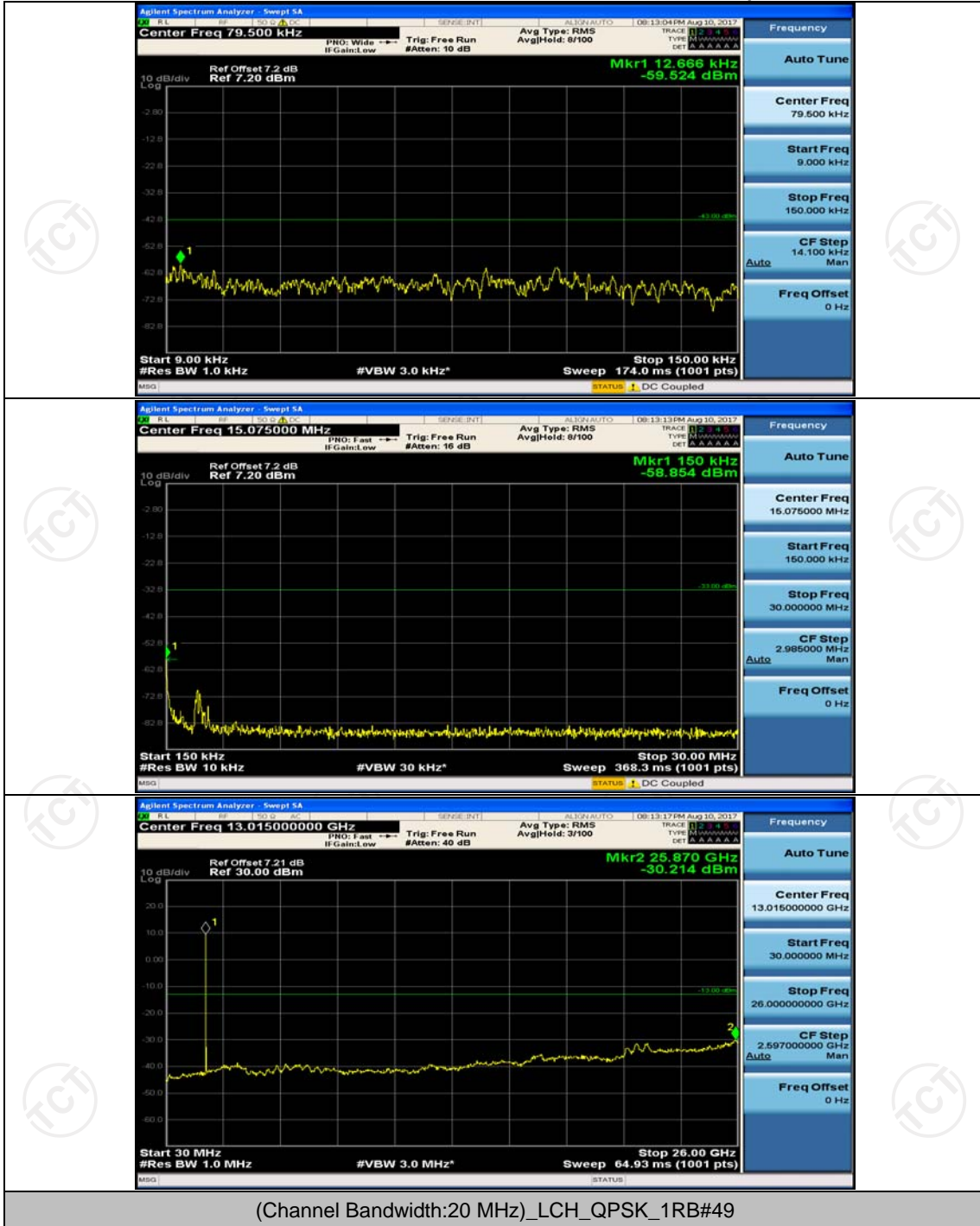
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

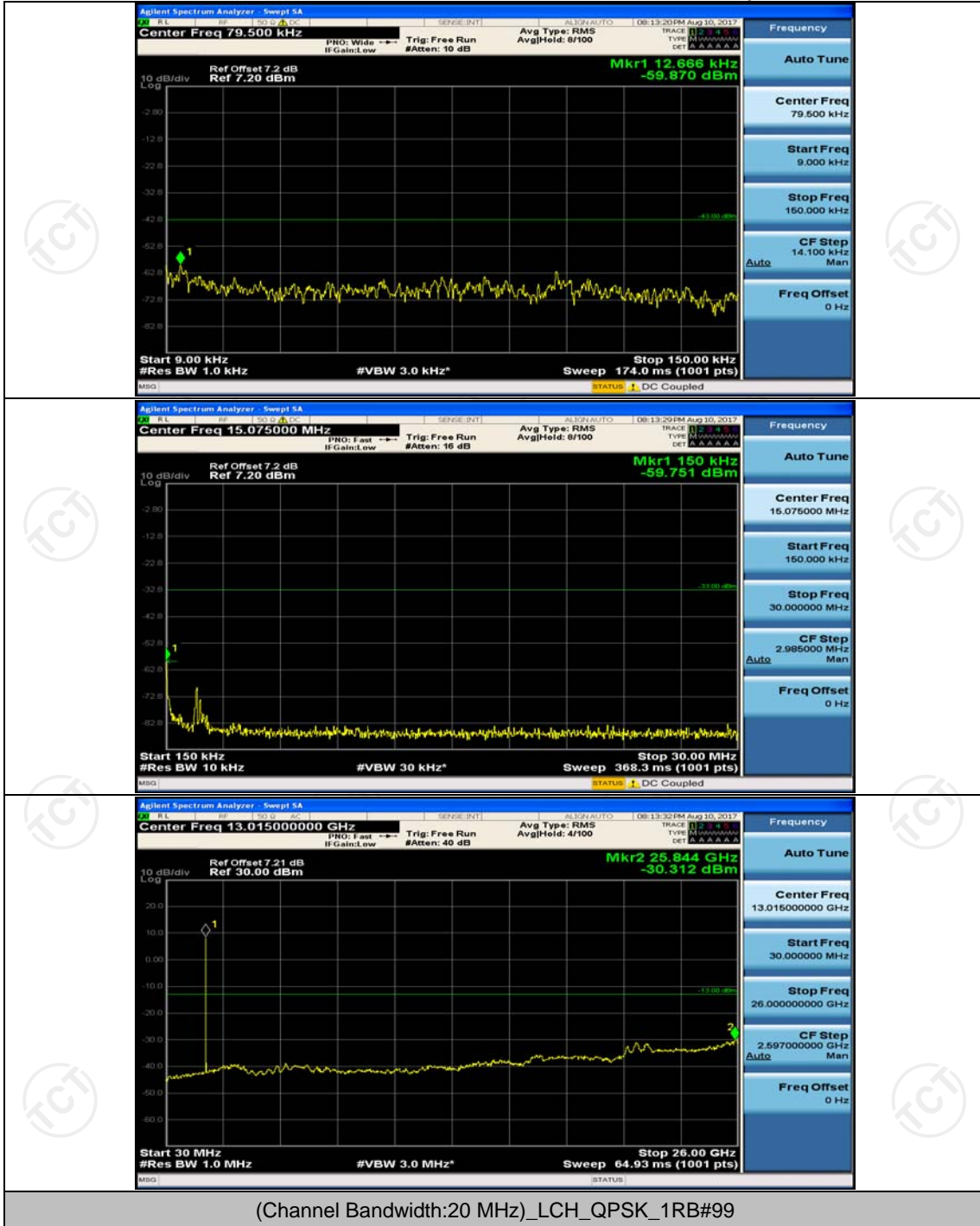


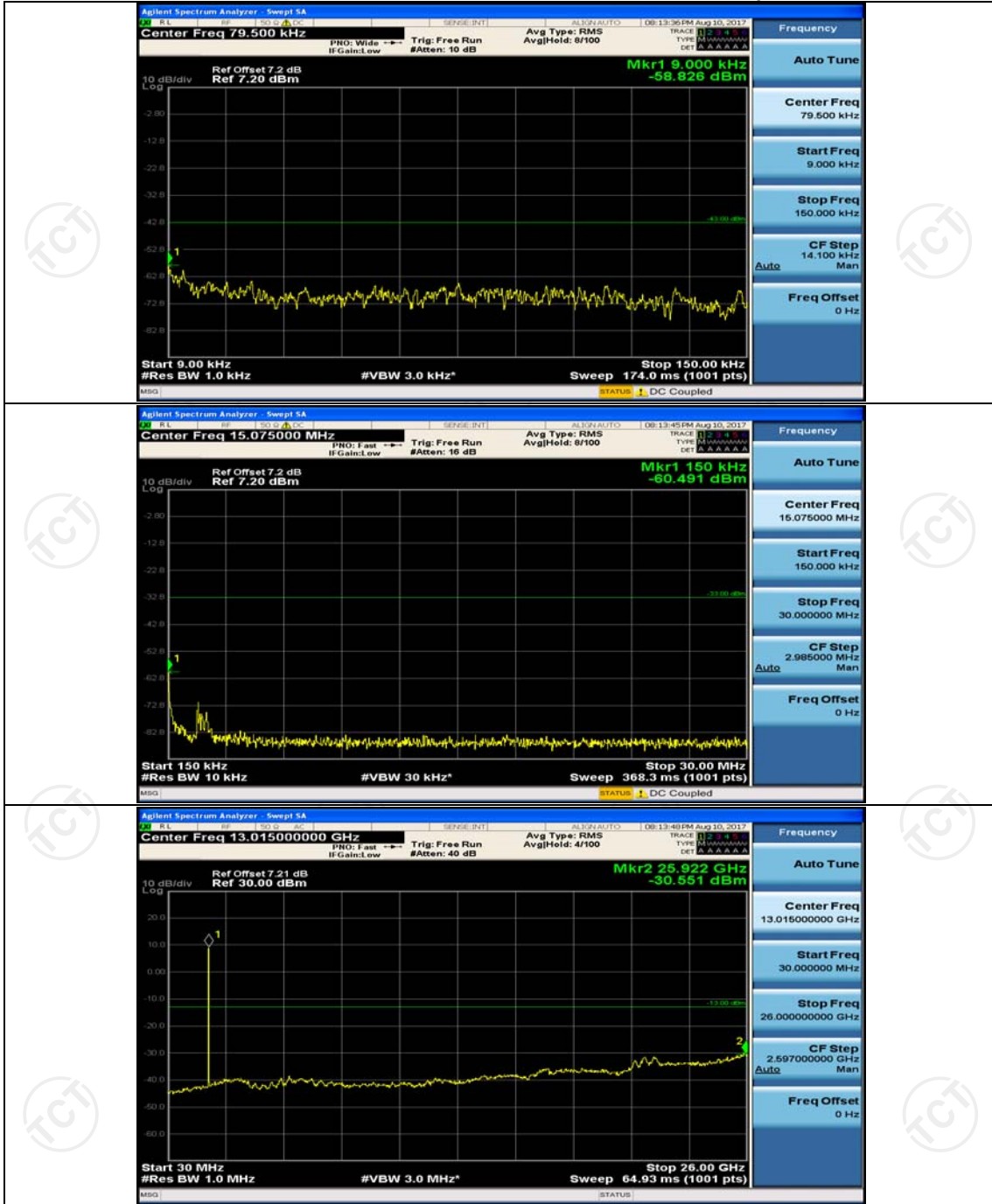




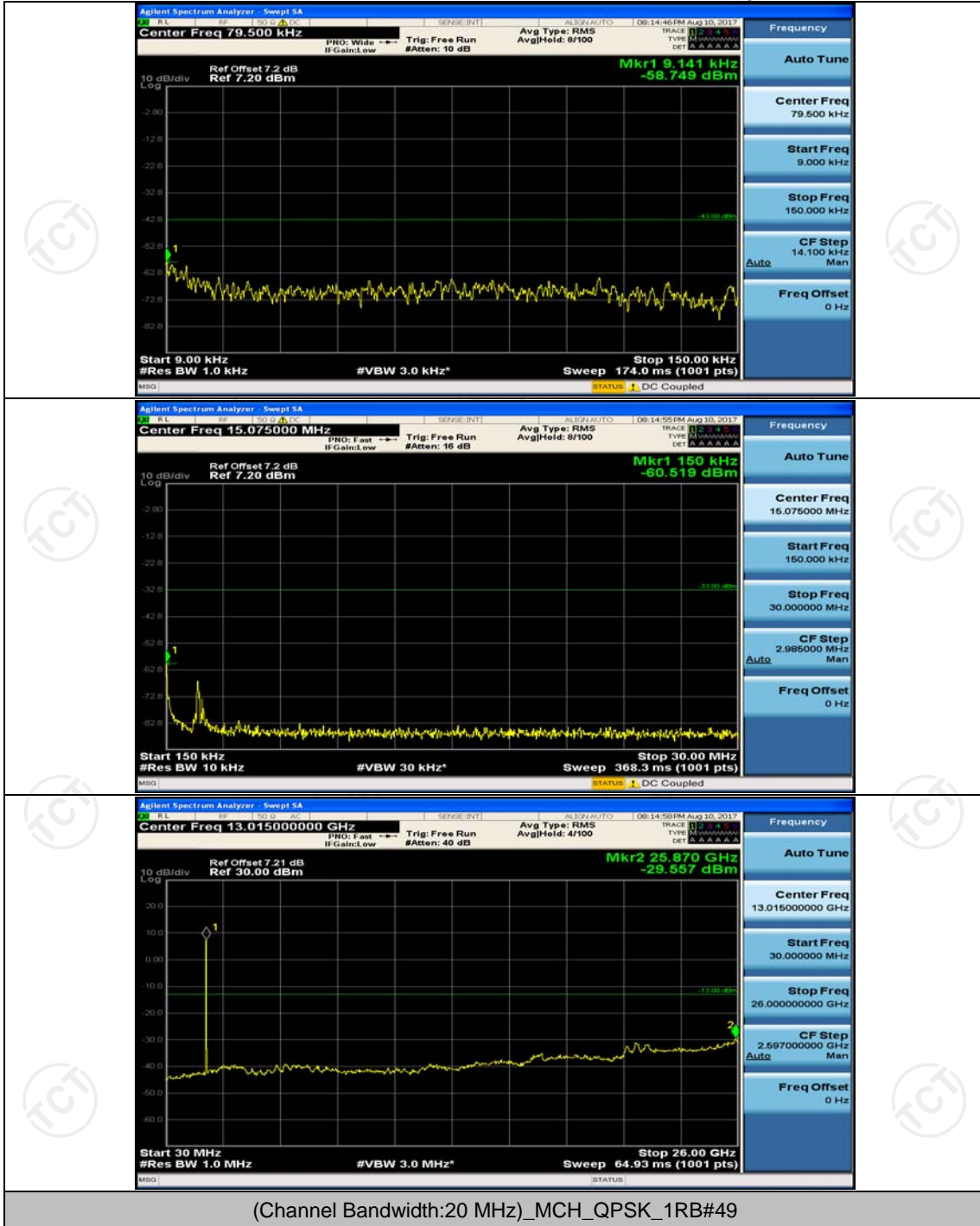
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

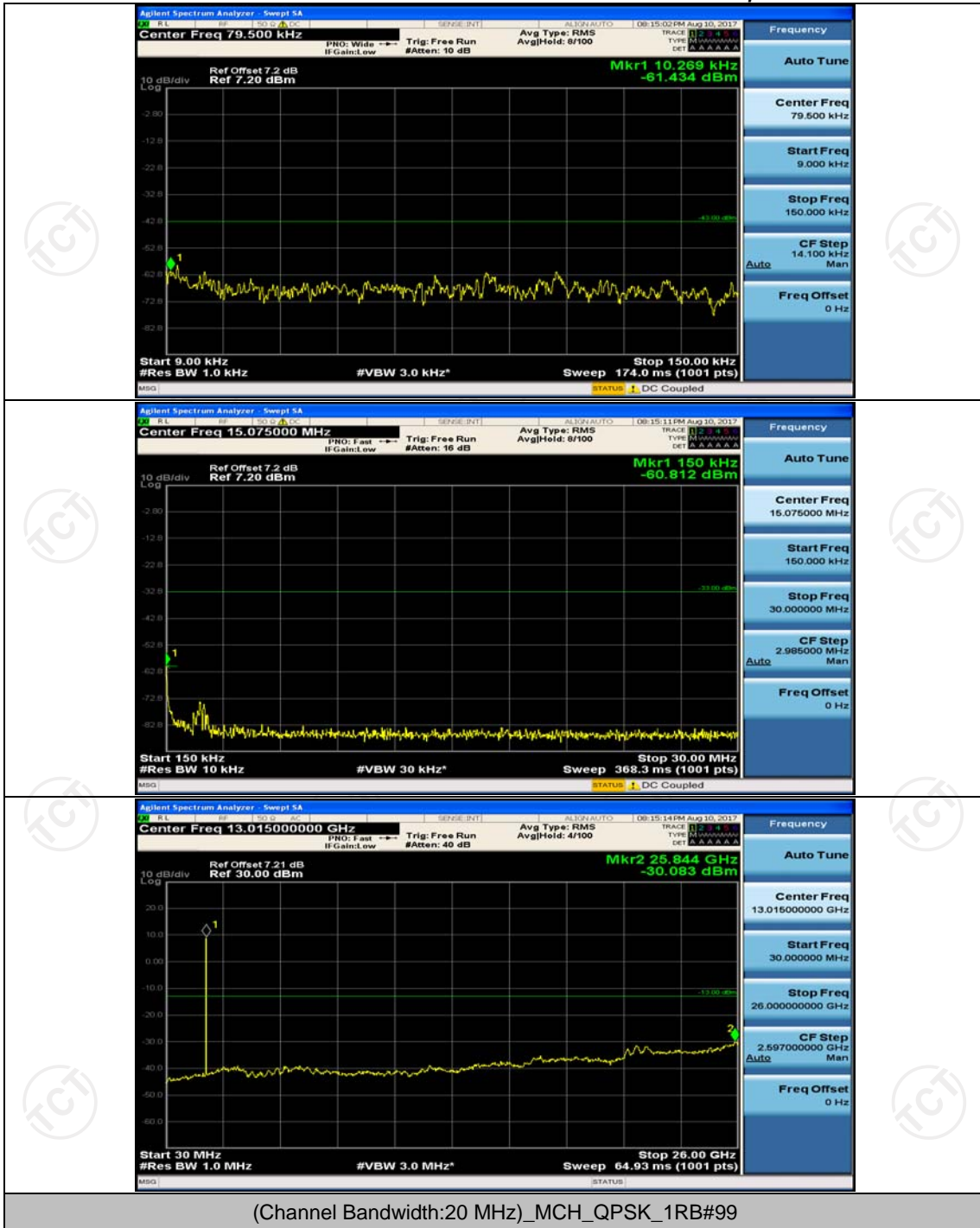


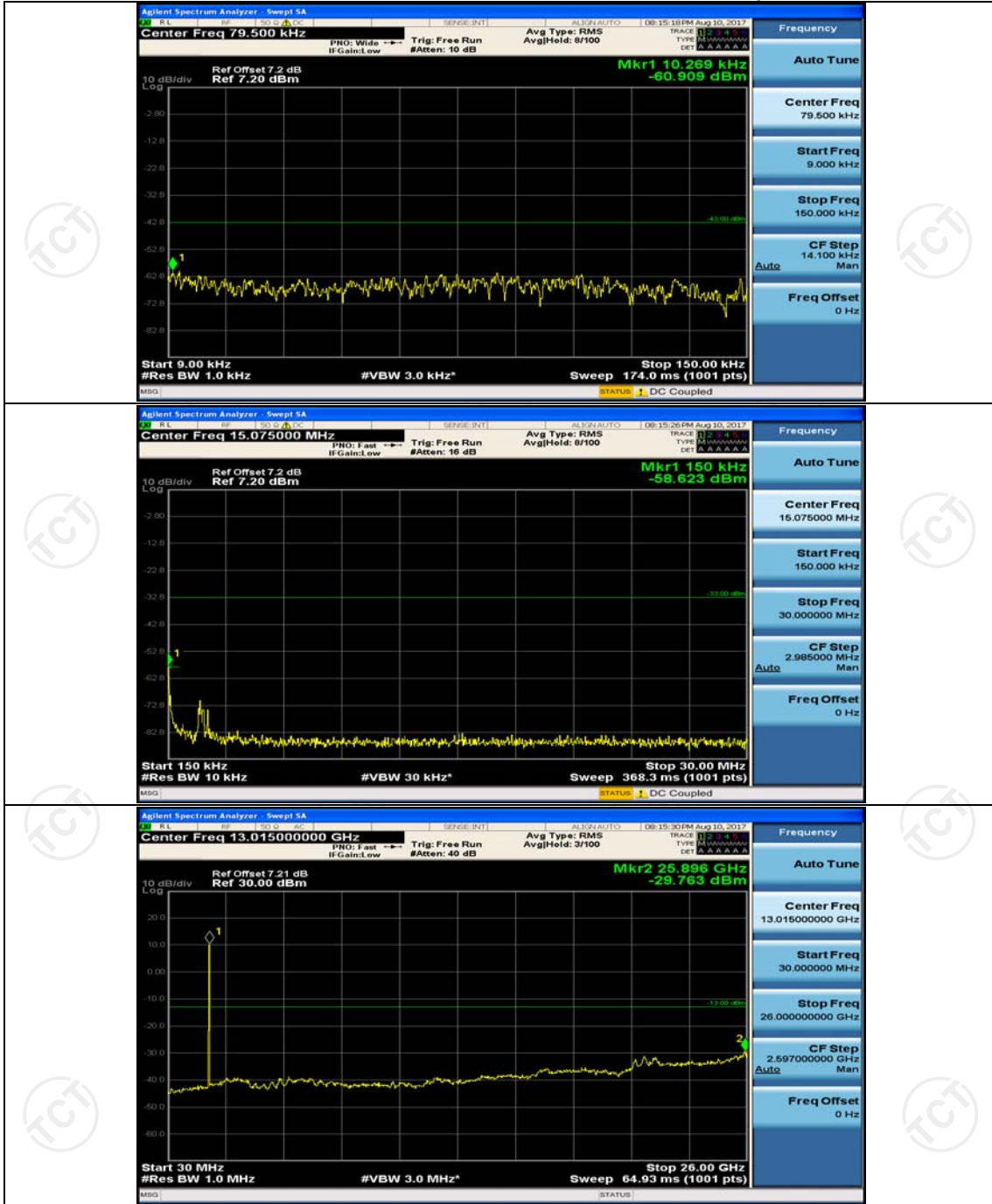




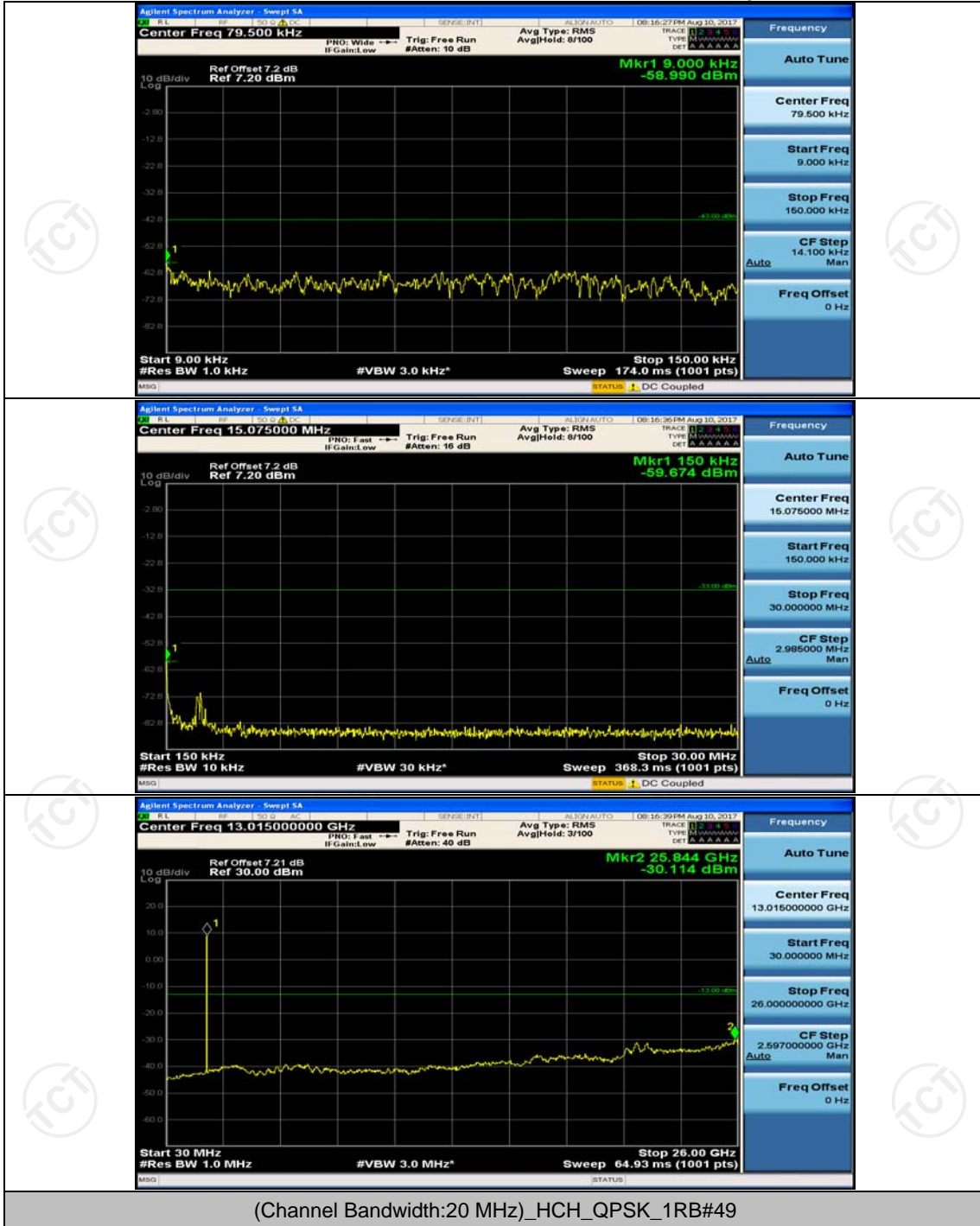
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

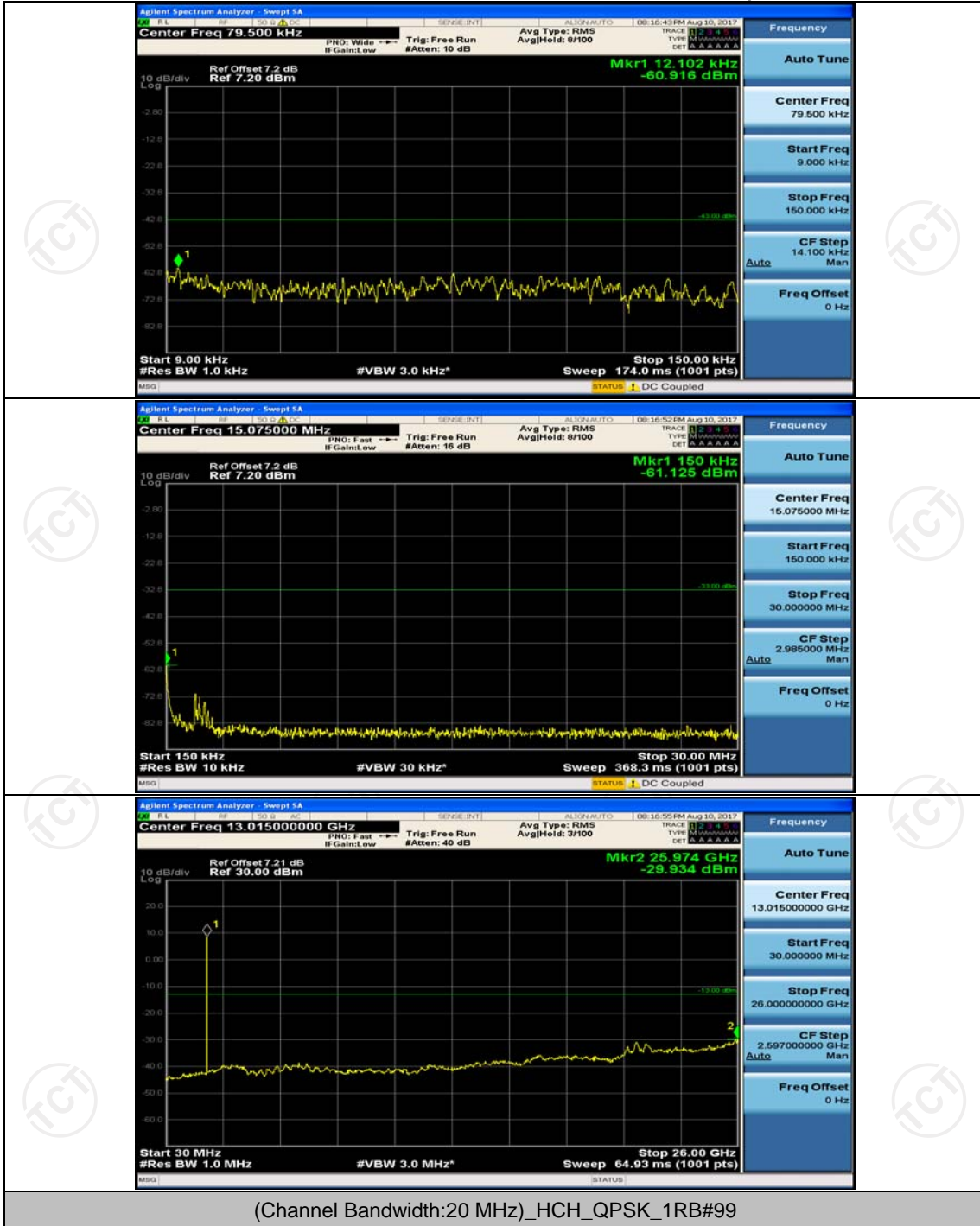


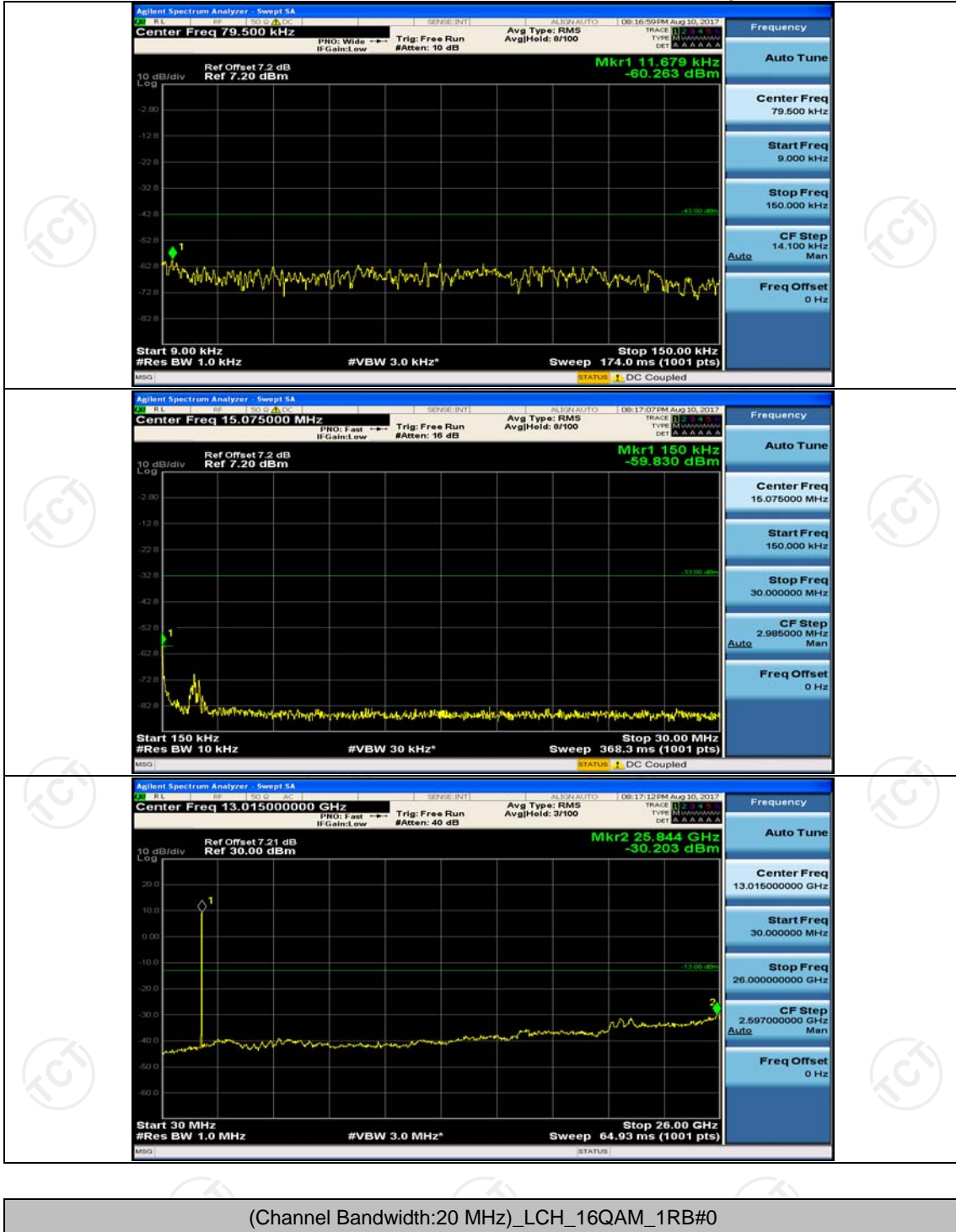


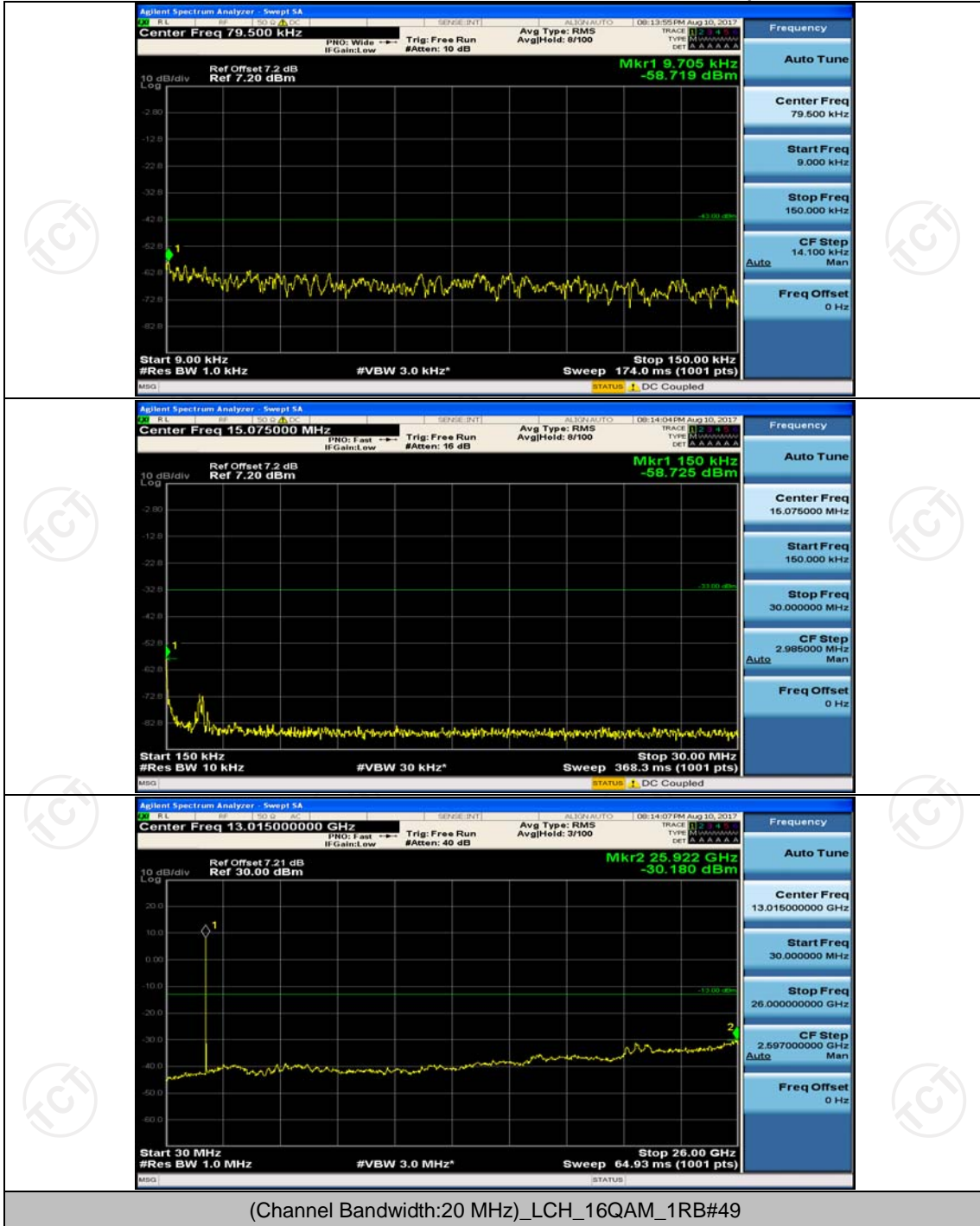


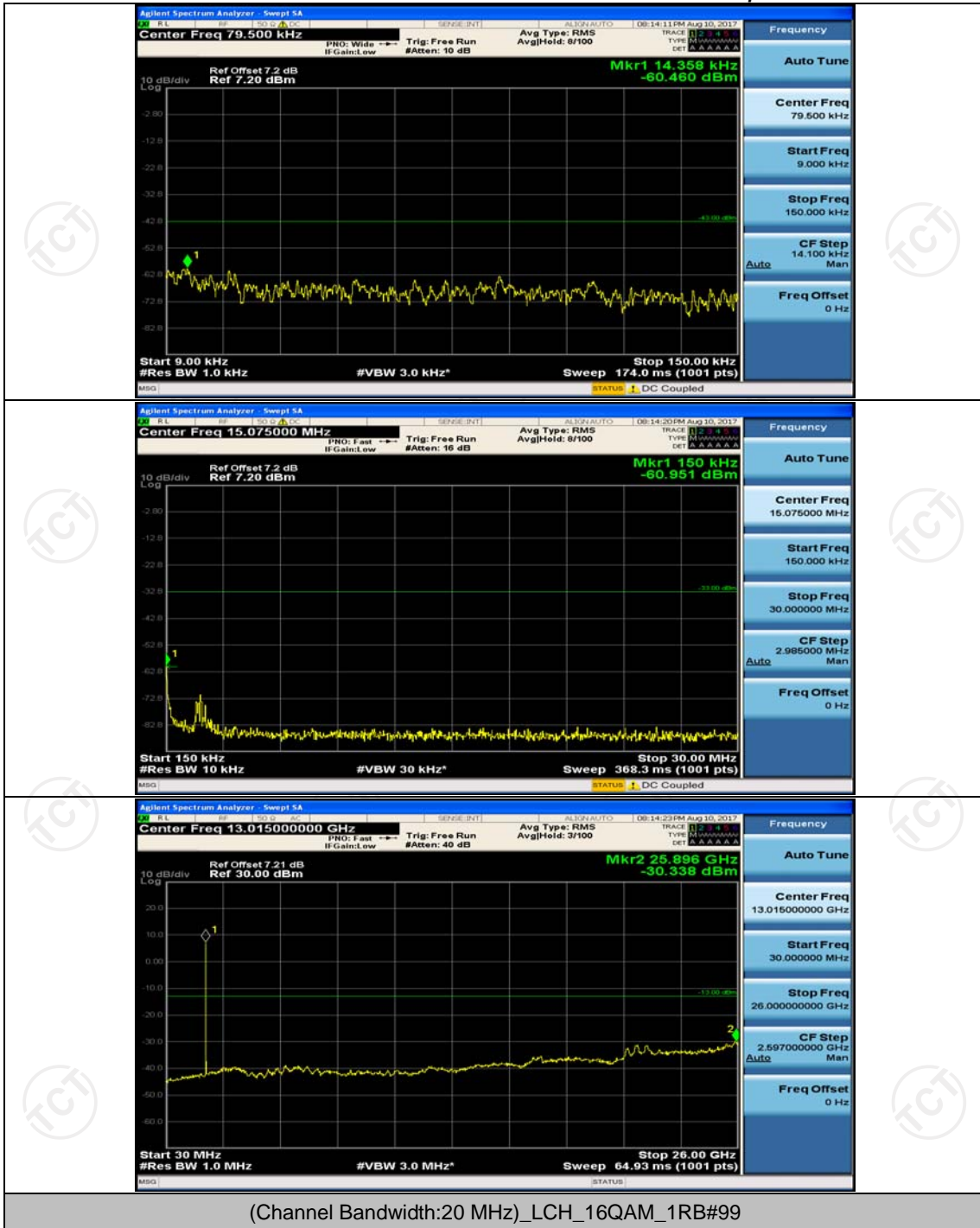
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

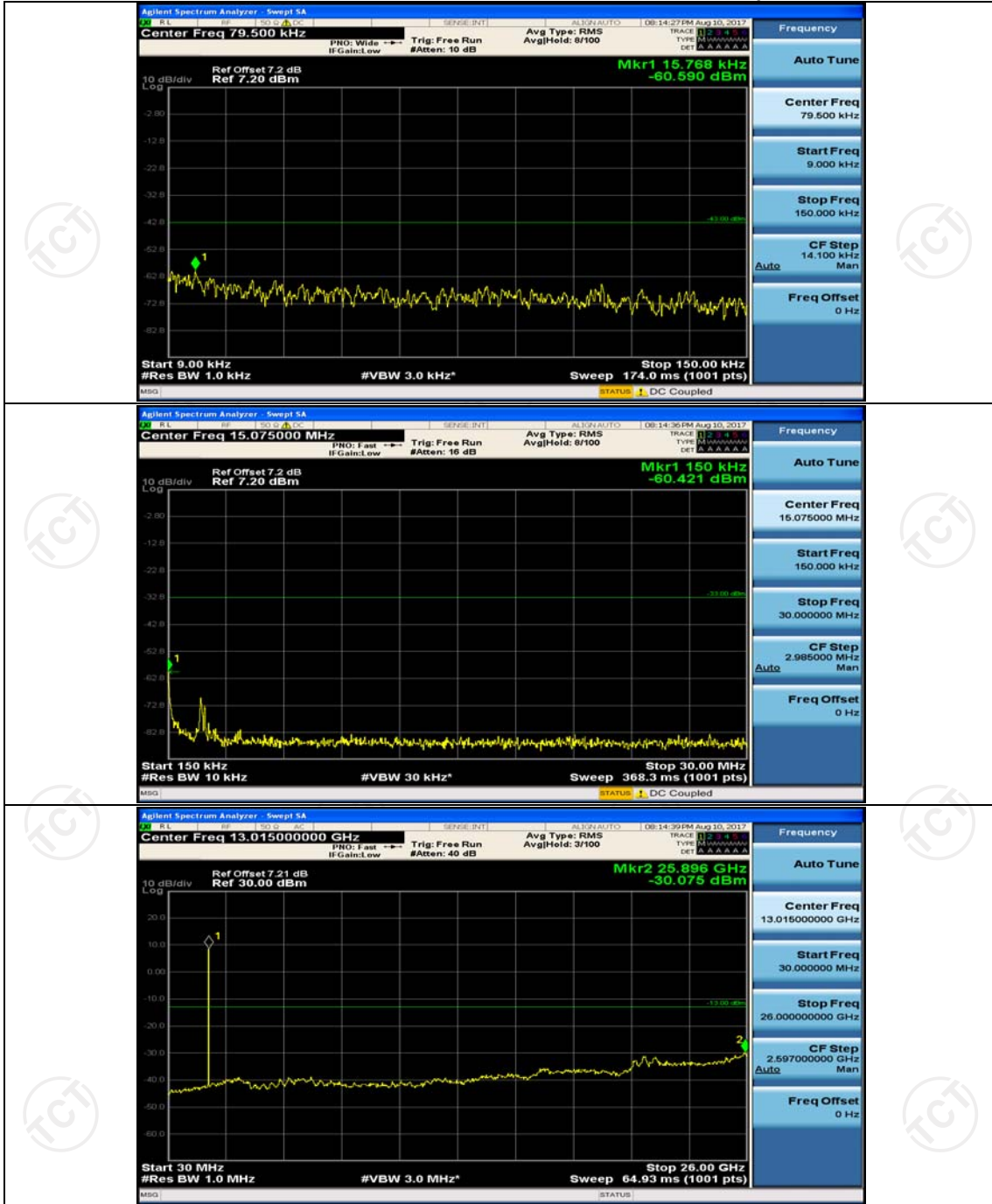




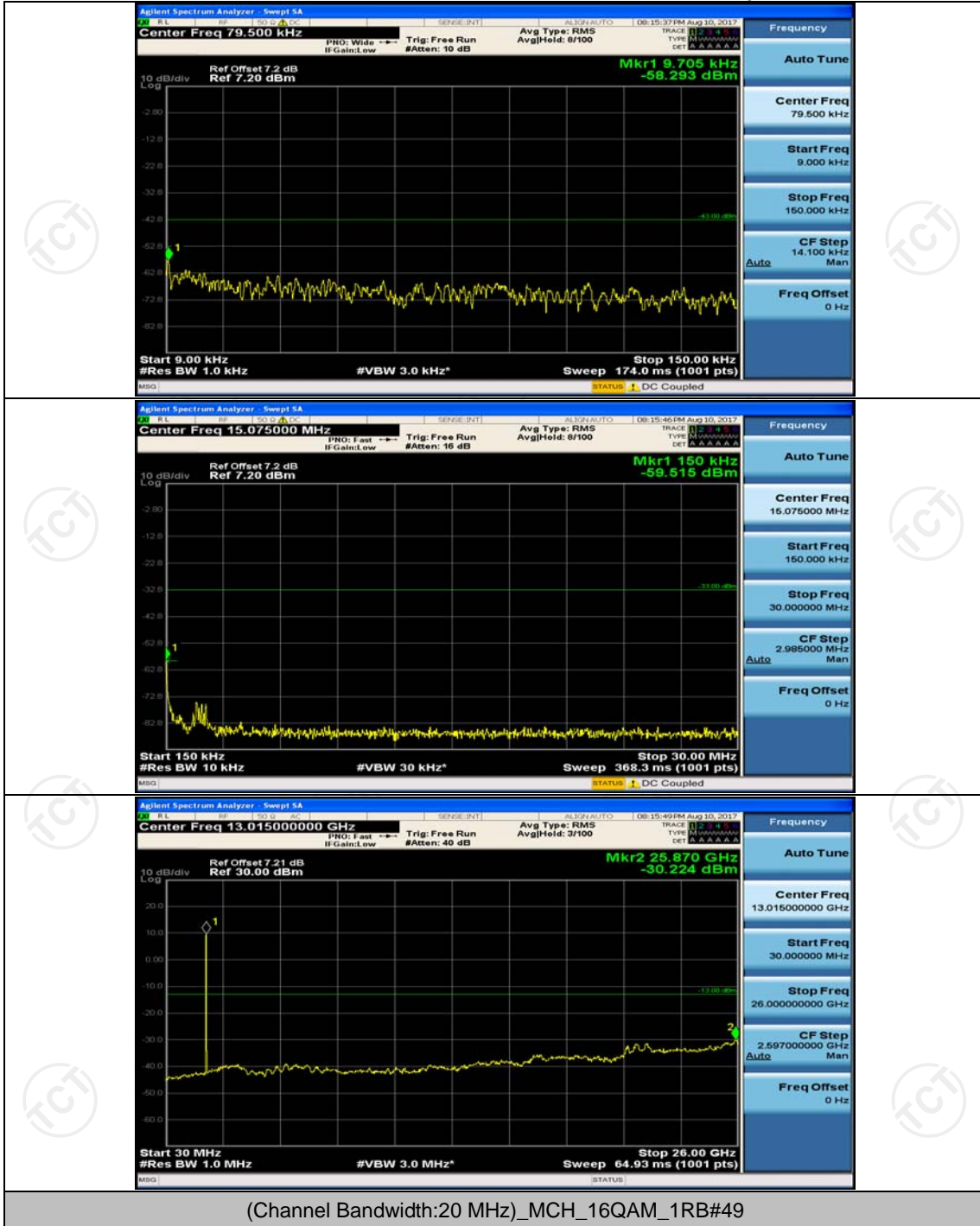


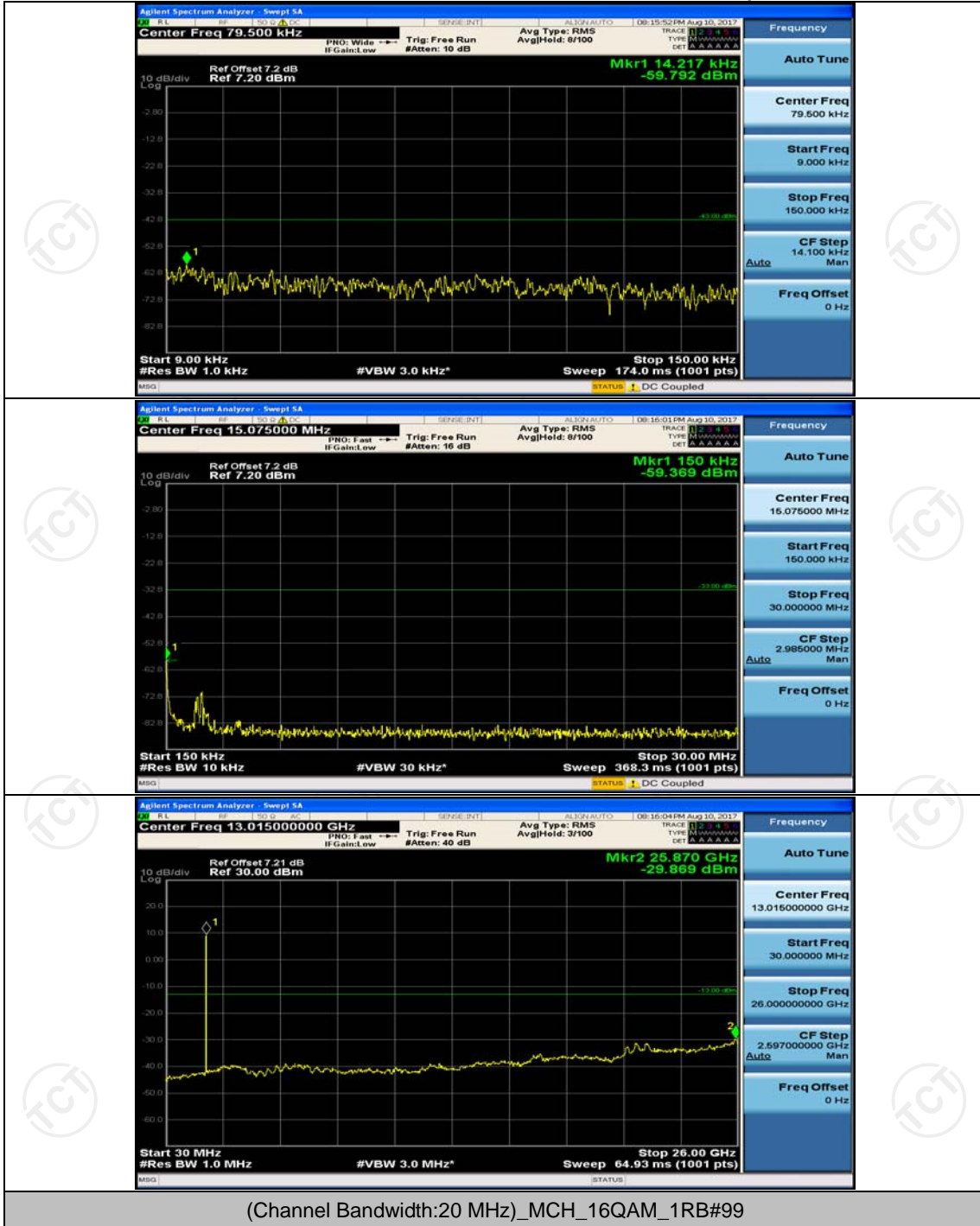


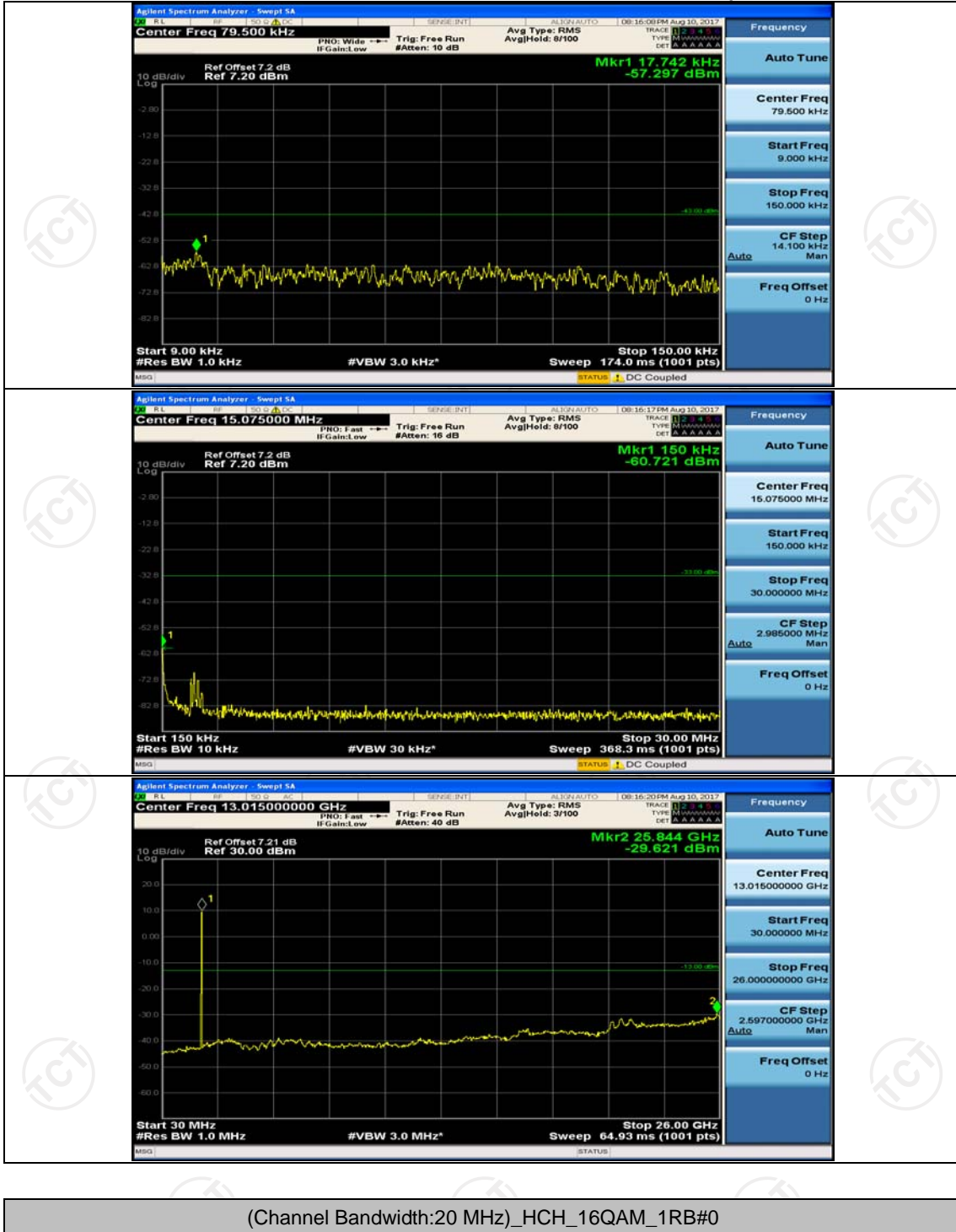


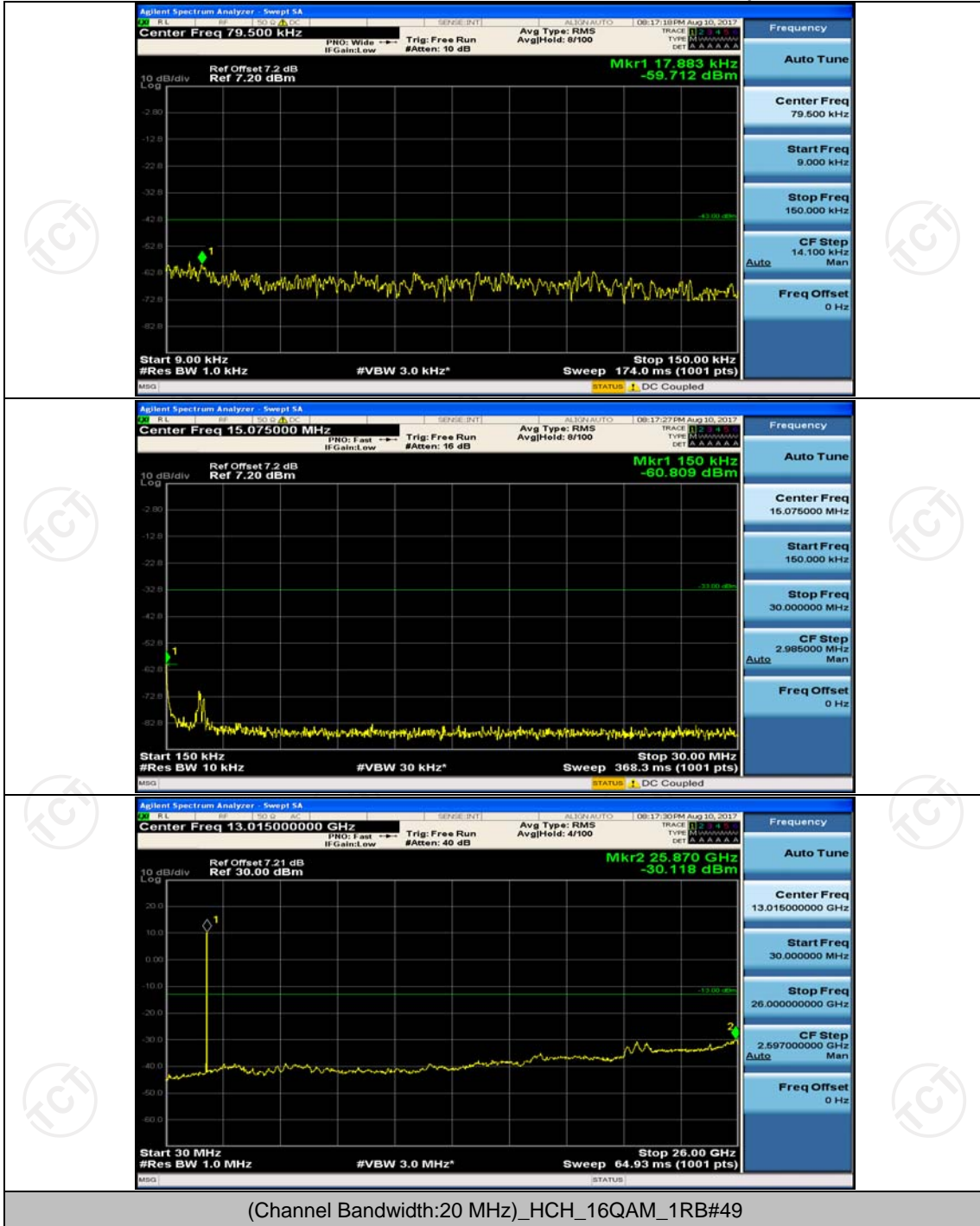


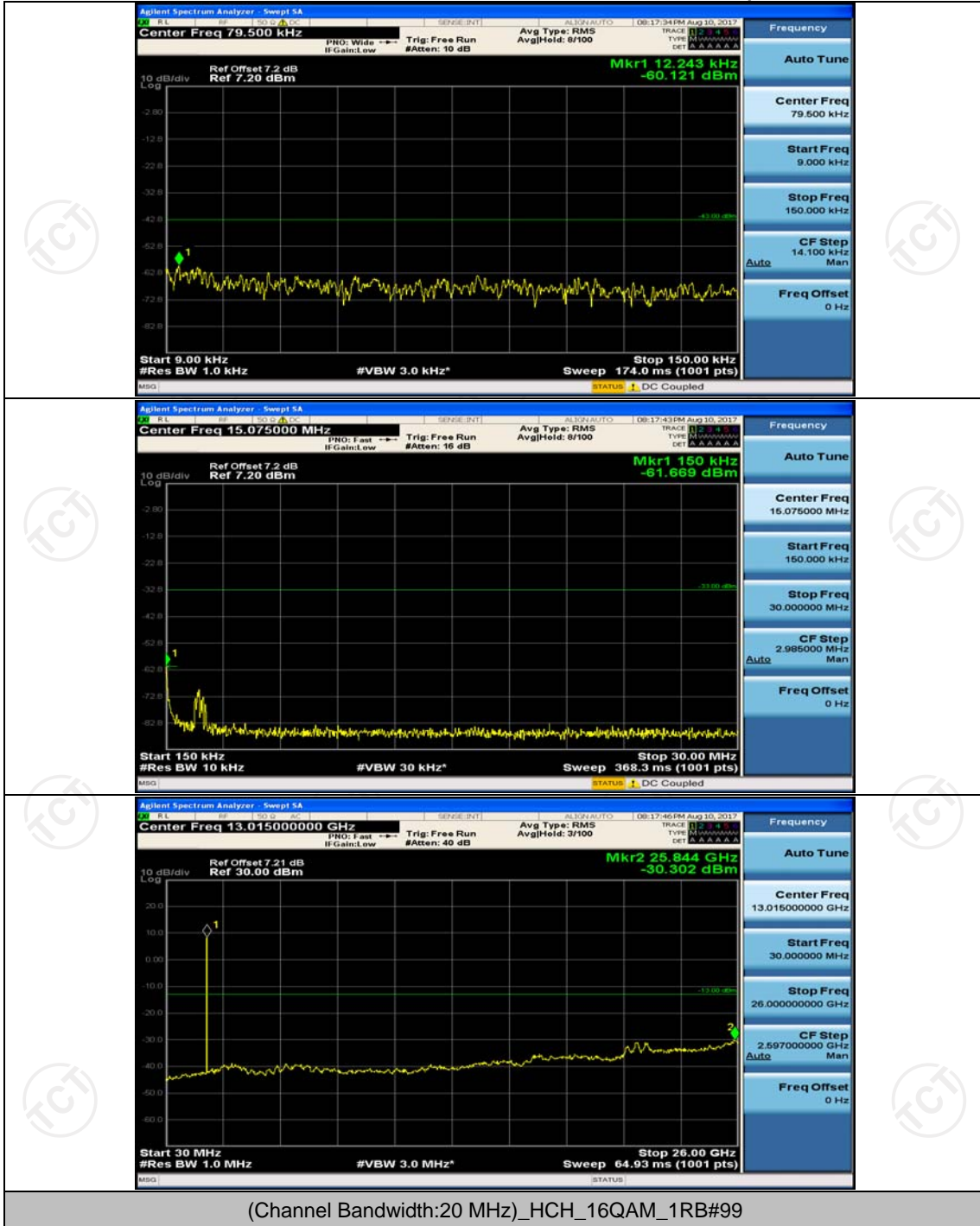
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

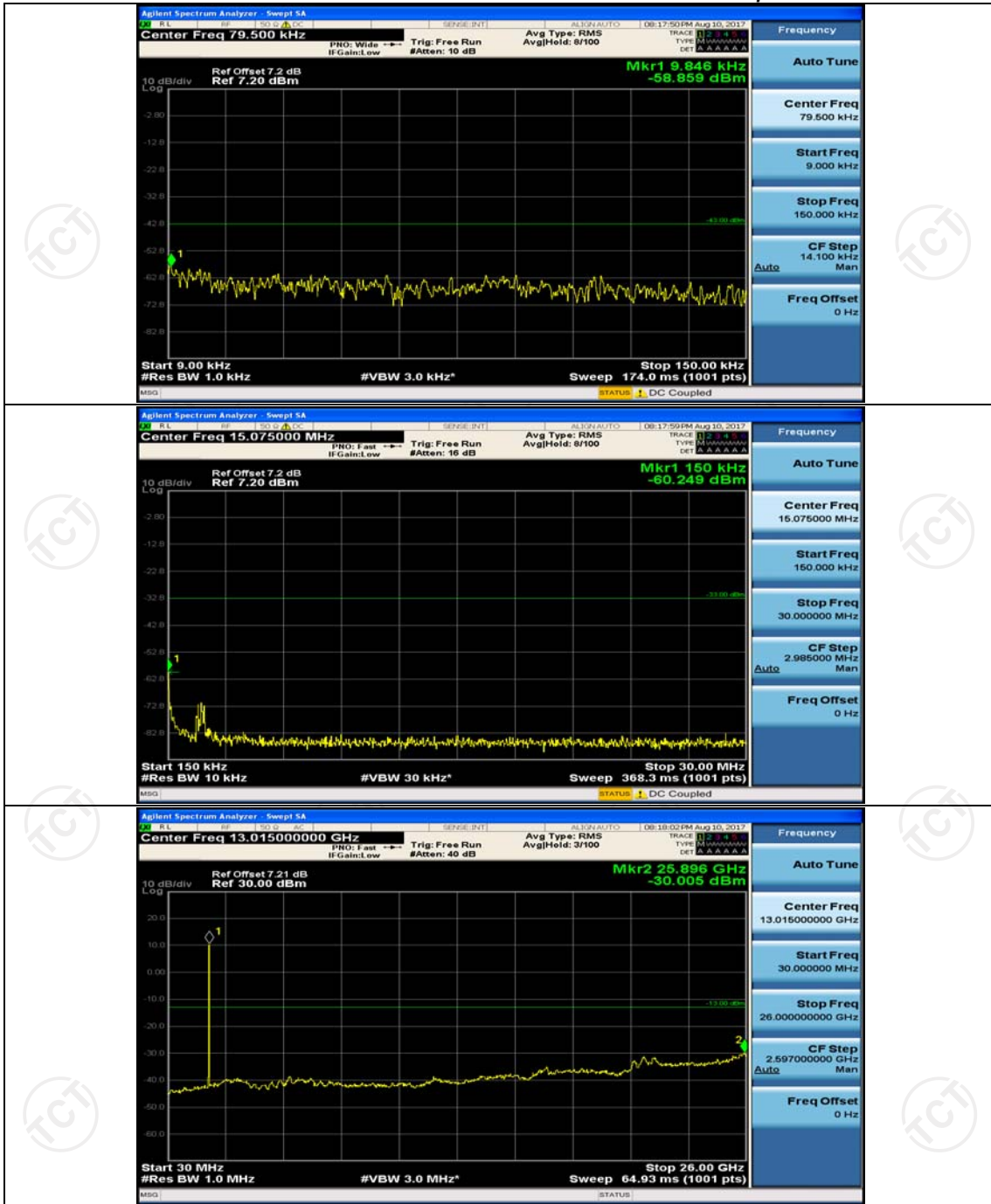












Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 10 MHz

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	+0.013	+0.013	PASS
40	120	+0.012	+0.019	
30	120	+0.016	+0.010	
20	120	-0.019	-0.012	
10	120	+0.011	+0.017	
0	120	-0.016	-0.013	
-10	120	+0.015	+0.010	
-20	120	+0.013	+0.011	
-30	120	+0.015	+0.016	
20	240	-0.016	-0.011	
20	100	+0.013	+0.012	PASS

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

Field Strength of Spurious Radiation Measurement

Test Result

Bandwidth:	10M		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)		
3701.4	Vertical	-51.16	-13.00	PASS
5552.1	V	-55.24		
-	V	-		
3701.4	Horizontal	-54.17		
5552.1	H	-52.85		
-	H	-		
Bandwidth:	10M		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)		
3760.0	Vertical	-52.67	-13.00	PASS
5640.0	V	-54.39		
-	V	-		
3760.0	Horizontal	-50.59		
5640.0	H	-57.92		
-	H	-		
Bandwidth:	10M		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)		
3818.6	Vertical	-50.80	-13.00	PASS
5727.9	V	-53.52		
-	V	-		
3818.6	Horizontal	-52.15		
5727.9	H	-53.55		
-	H	-		

Bandwidth:	10M		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)		
3701.4	Vertical	-52.18	-13.00	PASS
5552.1	V	-56.88		
-	V	-		
3701.4	Horizontal	-53.49		
5552.1	H	-55.12		
-	H	-		
Bandwidth:	10M		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)		
3760.0	Vertical	-51.56	-13.00	PASS
5640.0	V	-56.42		
-	V	-		
3760.0	Horizontal	-52.86		
5640.0	H	-55.39		
-	H	-		
Bandwidth:	10M		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)		
3818.6	Vertical	-51.51	-13.00	PASS
5727.9	V	-54.65		
-	V	-		
3818.6	Horizontal	-52.33		
5727.9	H	-55.95		
-	H	-		

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