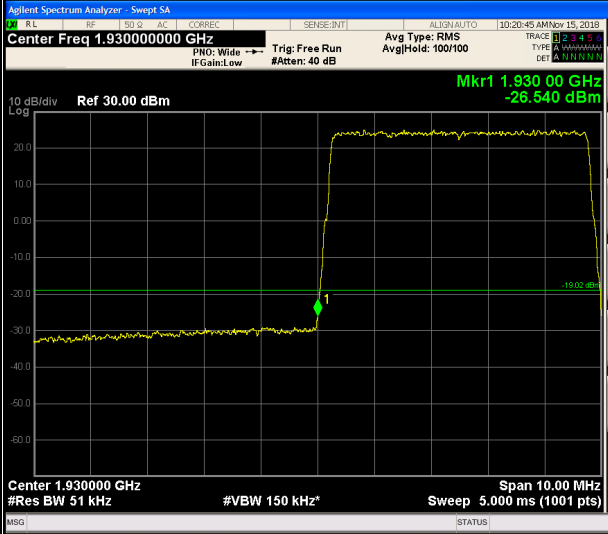
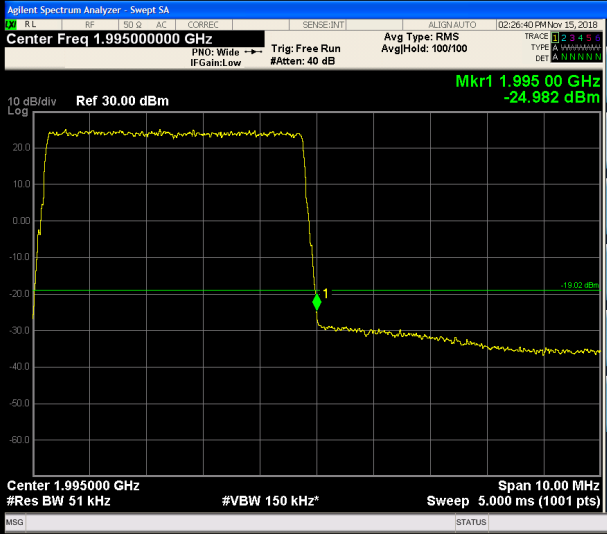
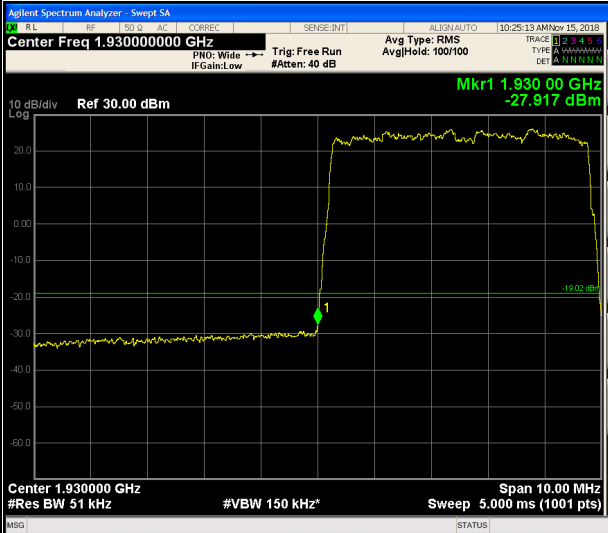
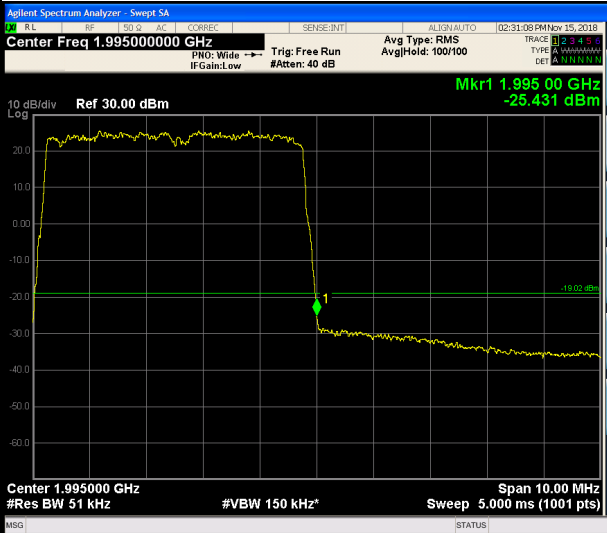
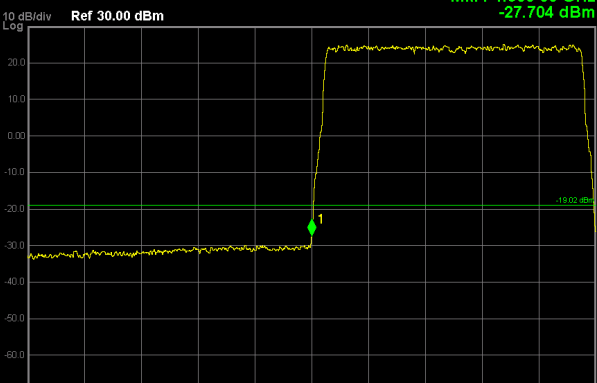
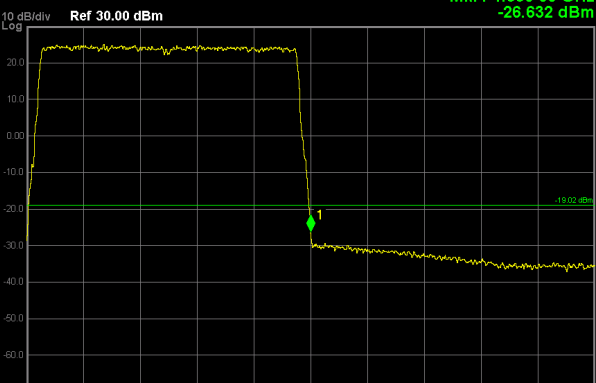
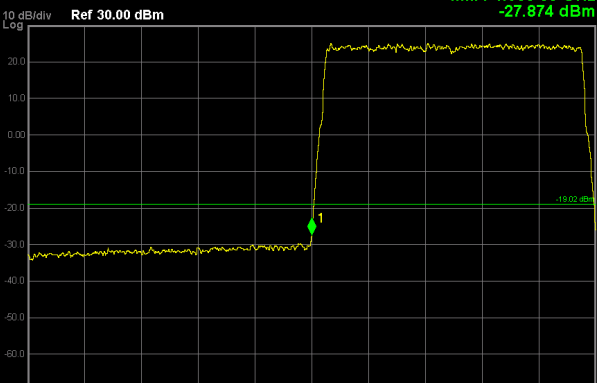
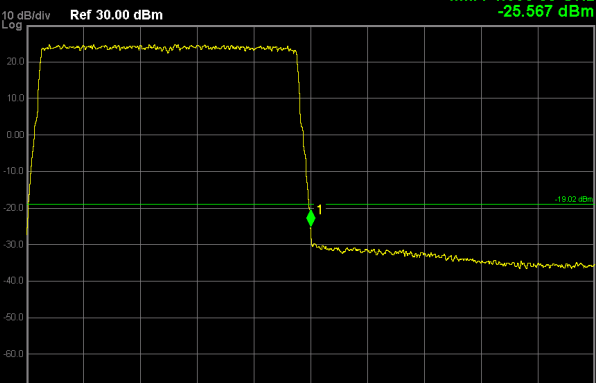


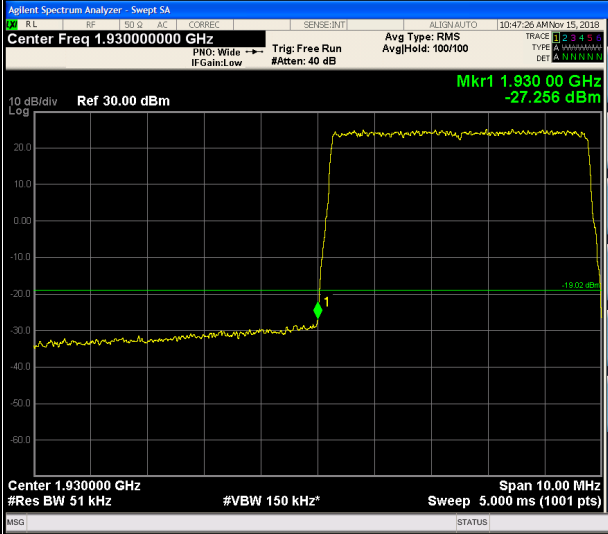
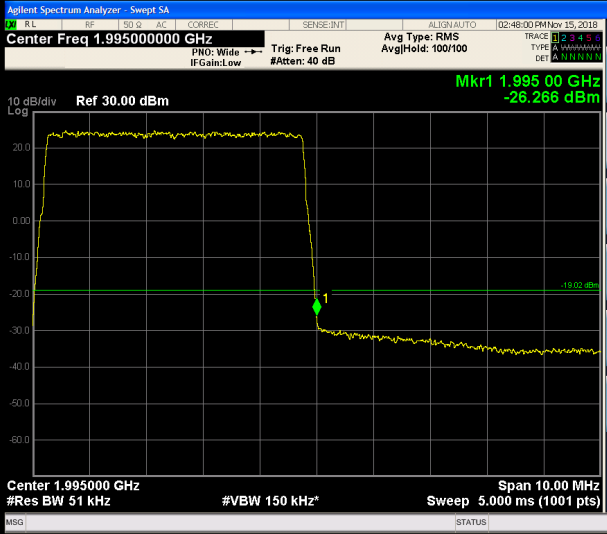
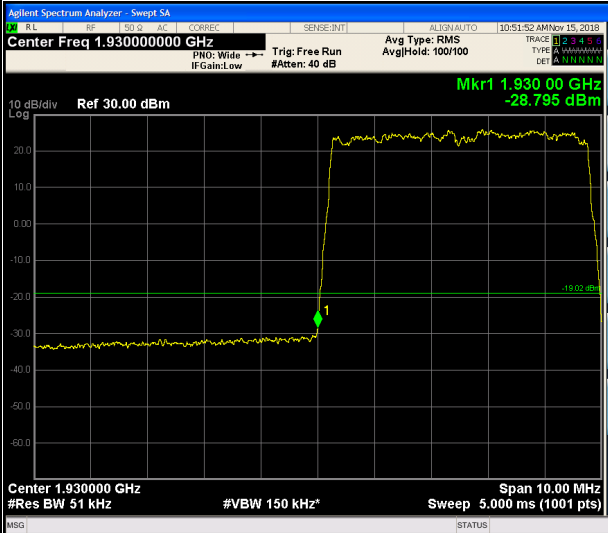
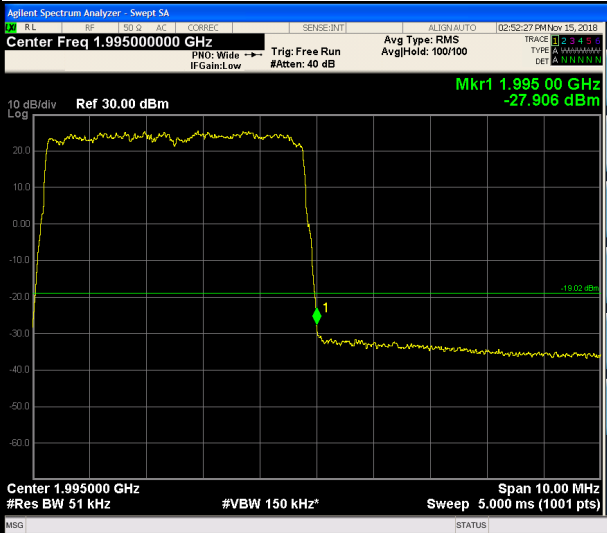
Port 1

Modulation: QPSK		Modulation: QPSK	
Item: Left band edge		Item: Right band edge	
			
Modulation: 16QAM		Modulation: 16QAM	
Item: Left band edge		Item: Right band edge	
			

Port 1

Port 1			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA Center Freq 1.930000000 GHz 10 dB/div Ref 30.00 dBm  Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA Center Freq 1.995000000 GHz 10 dB/div Ref 30.00 dBm  Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA Center Freq 1.930000000 GHz 10 dB/div Ref 30.00 dBm  Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA Center Freq 1.995000000 GHz 10 dB/div Ref 30.00 dBm  Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz			

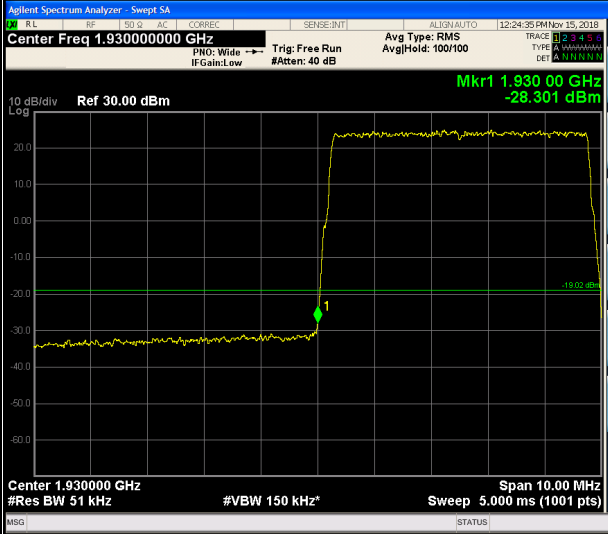
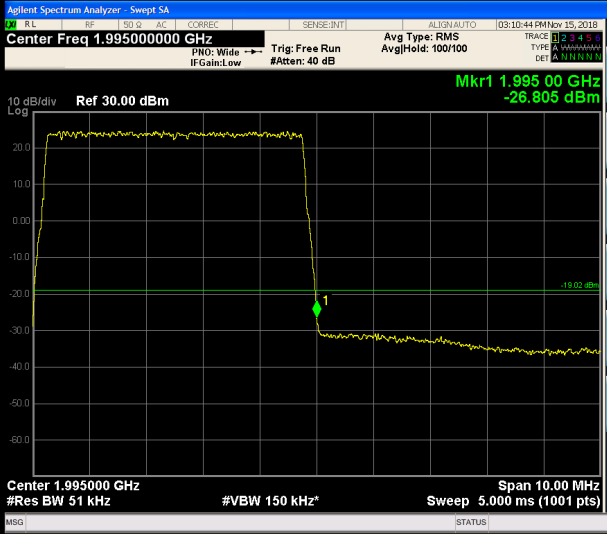
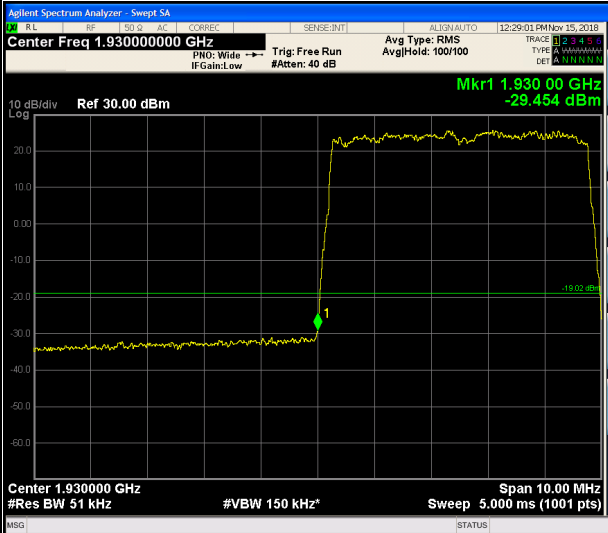
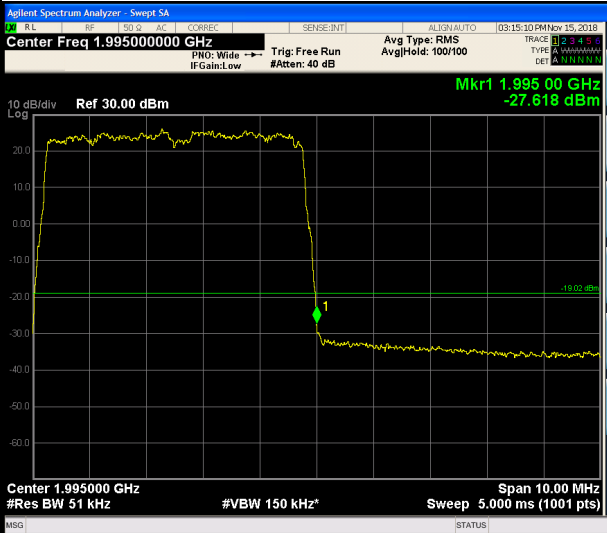
Port 2

Modulation: QPSK		Modulation: QPSK	
Item: Left band edge		Item: Right band edge	
 Agilent Spectrum Analyzer - Swept SA Center Freq 1.93000000 GHz Mkr1 1.930 00 GHz -27.256 dBm Ref 30.00 dBm Span 10.00 MHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts)		 Agilent Spectrum Analyzer - Swept SA Center Freq 1.99500000 GHz Mkr1 1.995 00 GHz -26.266 dBm Ref 30.00 dBm Span 10.00 MHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts)	
Modulation: 16QAM		Modulation: 16QAM	
Item: Left band edge		Item: Right band edge	
 Agilent Spectrum Analyzer - Swept SA Center Freq 1.93000000 GHz Mkr1 1.930 00 GHz -28.795 dBm Ref 30.00 dBm Span 10.00 MHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts)		 Agilent Spectrum Analyzer - Swept SA Center Freq 1.99500000 GHz Mkr1 1.995 00 GHz -27.906 dBm Ref 30.00 dBm Span 10.00 MHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts)	

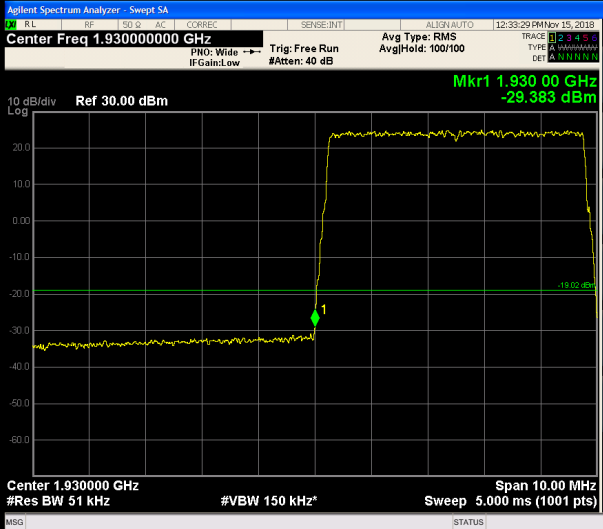
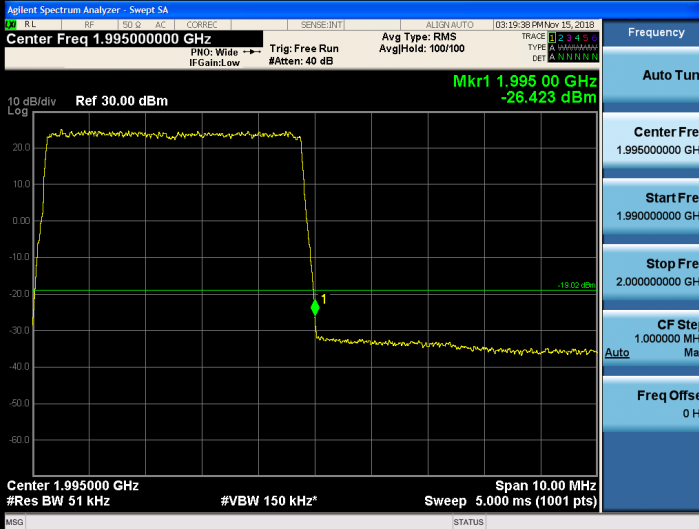
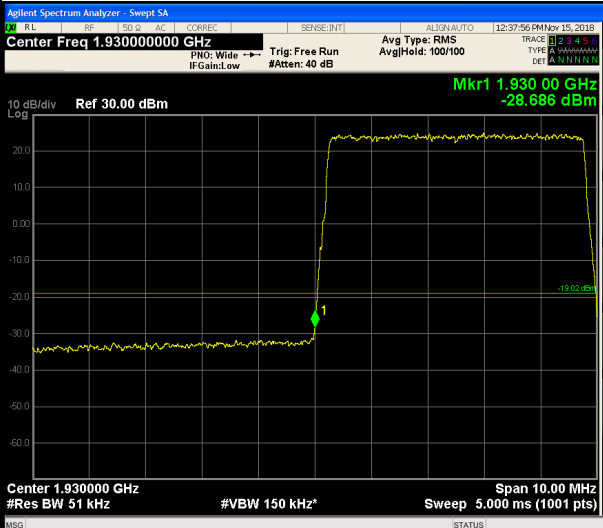
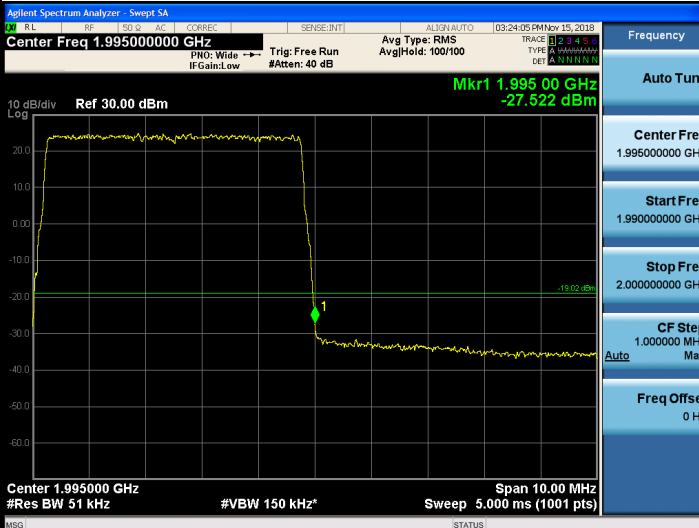
Port 2

Port 2			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 10:56:20 AM Nov 15, 2018 Center Freq 1.930000000 GHz PRN: Wide → IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -28.289 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 02:56:53 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN: Wide → IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -27.891 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 11:00:47 AM Nov 15, 2018 Center Freq 1.930000000 GHz PRN: Wide → IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -27.320 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 03:01:21 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN: Wide → IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -26.268 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Sweep 5.000 ms (1001 pts) MSG STATUS			

Port 3

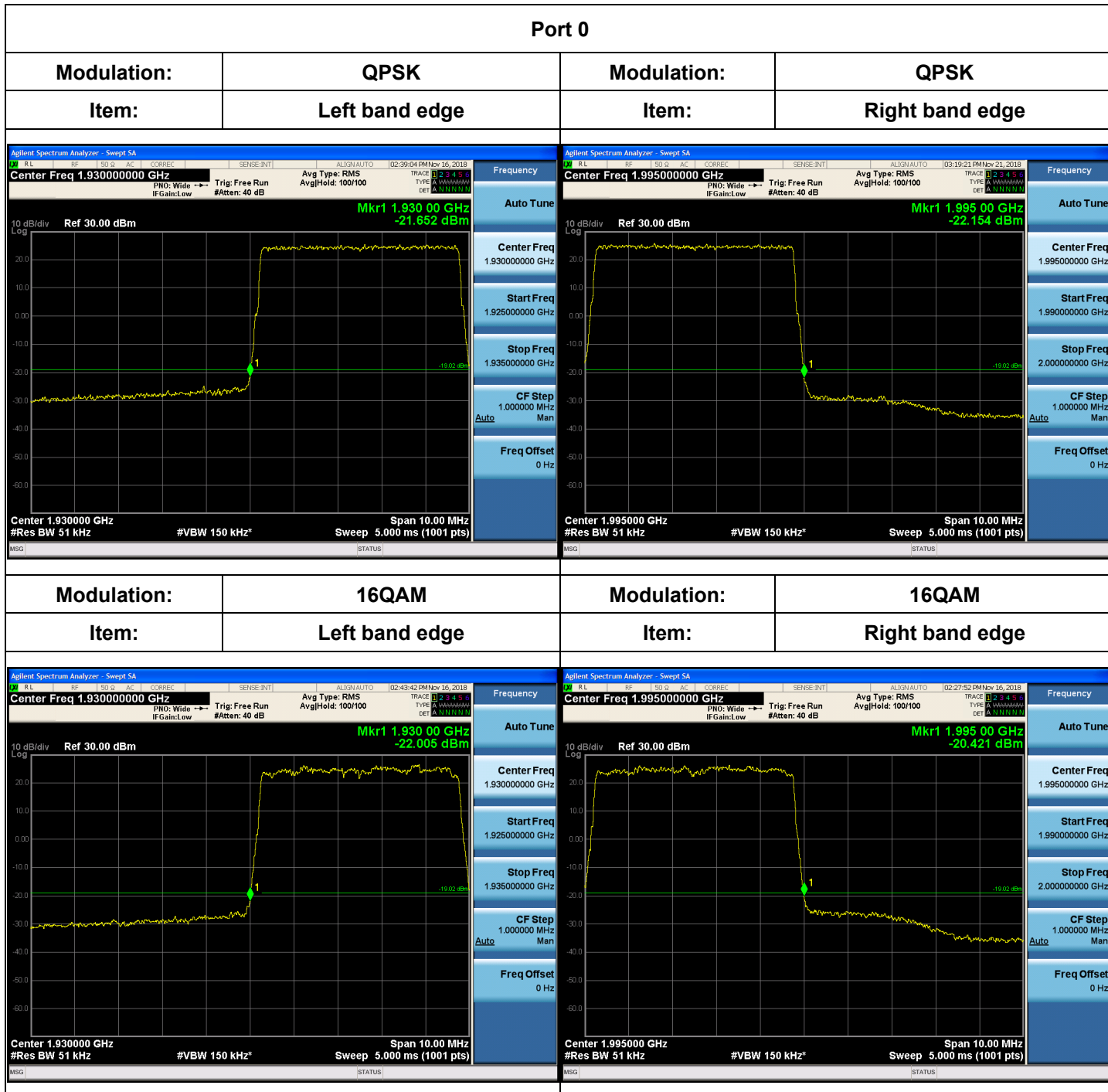
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Item: Left band edge		Item: Right band edge	
			
Modulation: 16QAM		Modulation: 16QAM	
Item: Left band edge		Item: Right band edge	
			

Port 3

Modulation: 64QAM		Modulation: 64QAM	
Item: Left band edge		Item: Right band edge	
			
Modulation: 256QAM		Modulation: 256QAM	
Item: Left band edge		Item: Right band edge	
			

Plots of Band edge - 5 MHz Bandwidth + 5 MHz Bandwidth / 2 Carriers

Port 0

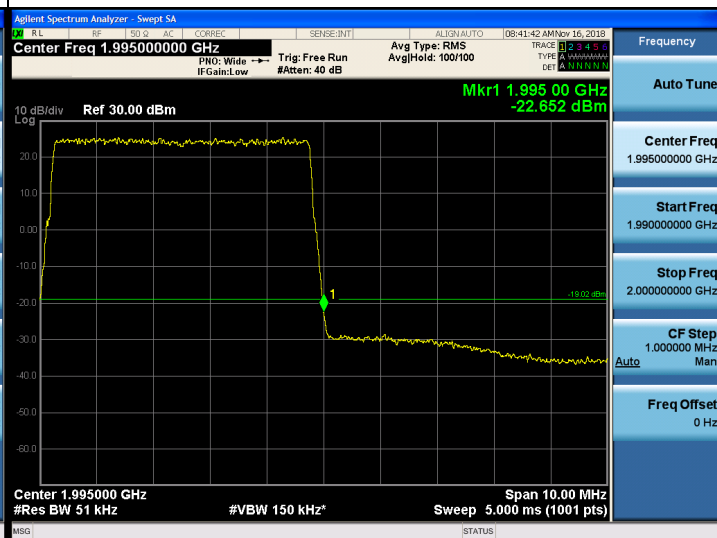
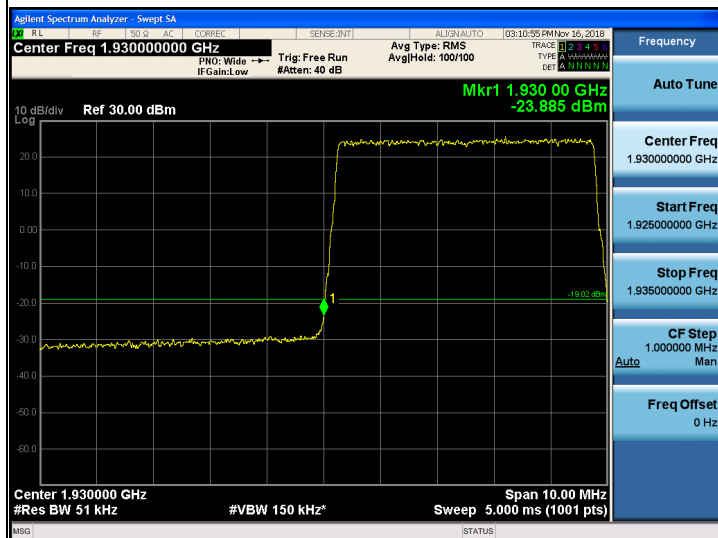


Port 0

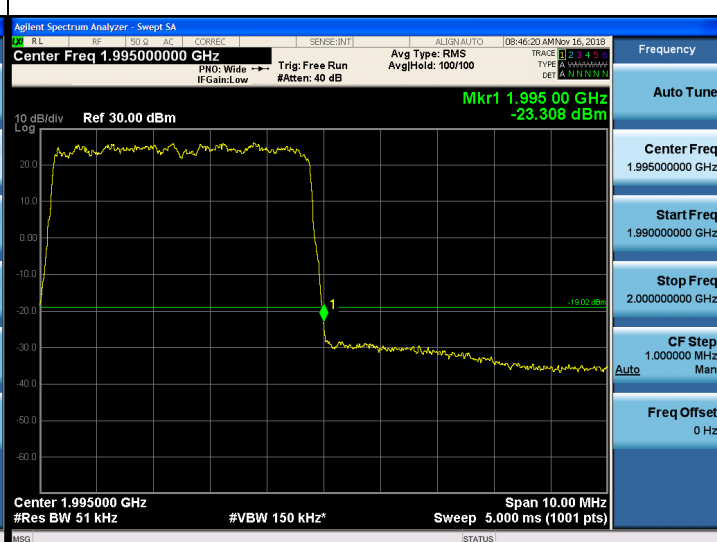
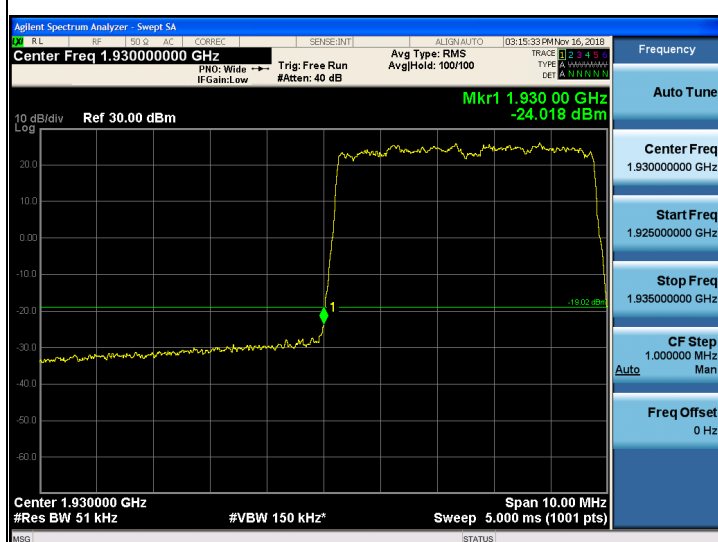
Port 0			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF SD AC CORRECT SENSE:INT ALIGN:AUTO 02:48:22 PM Nov 16, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W] DET A [R N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -24.712 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF SD AC CORRECT SENSE:INT ALIGN:AUTO 02:03:20 PM Nov 16, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W] DET A [R N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -20.419 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF SD AC CORRECT SENSE:INT ALIGN:AUTO 02:53:00 PM Nov 16, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W] DET A [R N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -22.016 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF SD AC CORRECT SENSE:INT ALIGN:AUTO 02:07:57 PM Nov 16, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W] DET A [R N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Auto Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -22.085 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			

Port 1

Modulation:	QPSK	Modulation:	QPSK
Item:	Left band edge	Item:	Right band edge



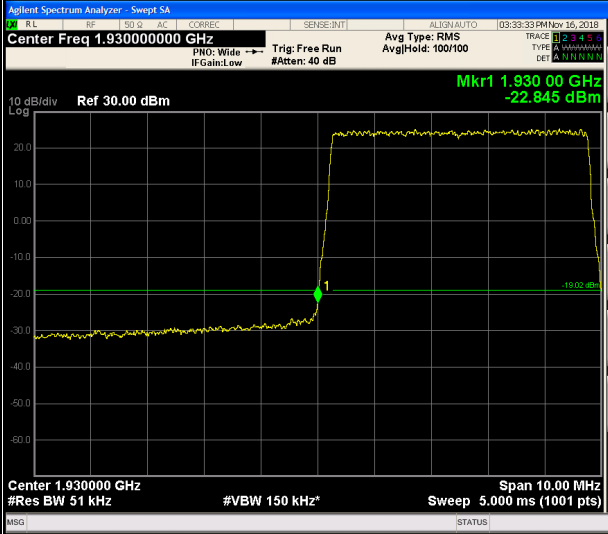
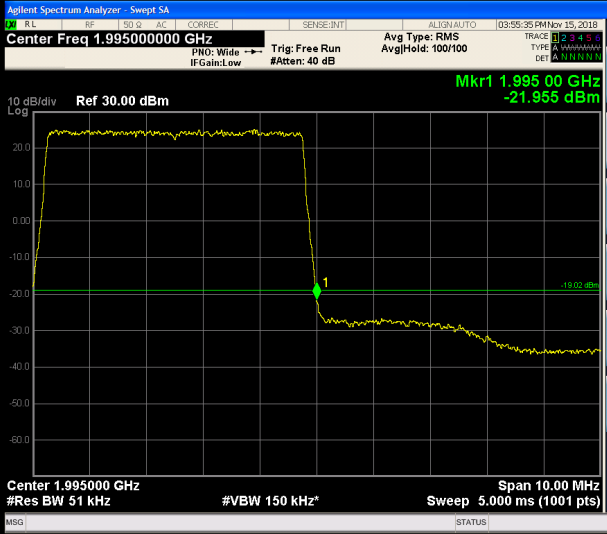
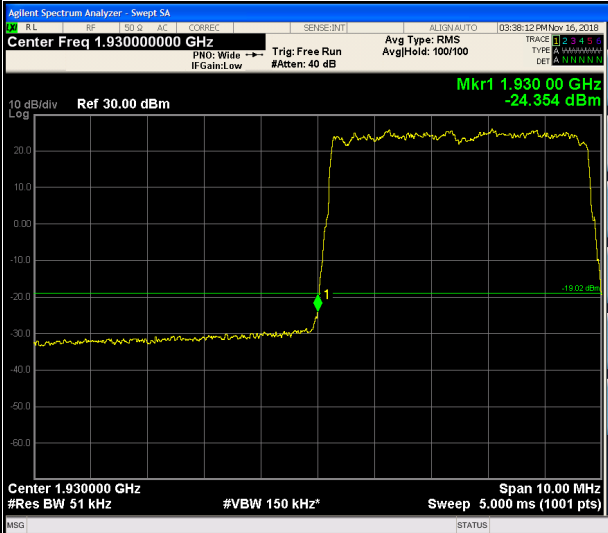
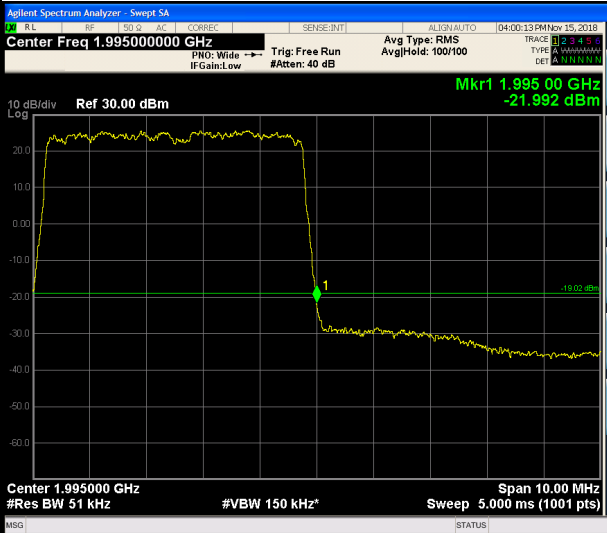
Modulation:	16QAM	Modulation:	16QAM
Item:	Left band edge	Item:	Right band edge



Port 1

Port 1			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 03:20:12 PM Nov 16, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -23.347 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 08:50:58 AM Nov 16, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -23.180 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 03:24:51 PM Nov 16, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -24.396 dBm Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 08:55:35 AM Nov 16, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [3 4 5 0] TYPE A [W W W W W W W W] DET A [R N N N N N] Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Freq Offset 0 Hz 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -24.548 dBm Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS			

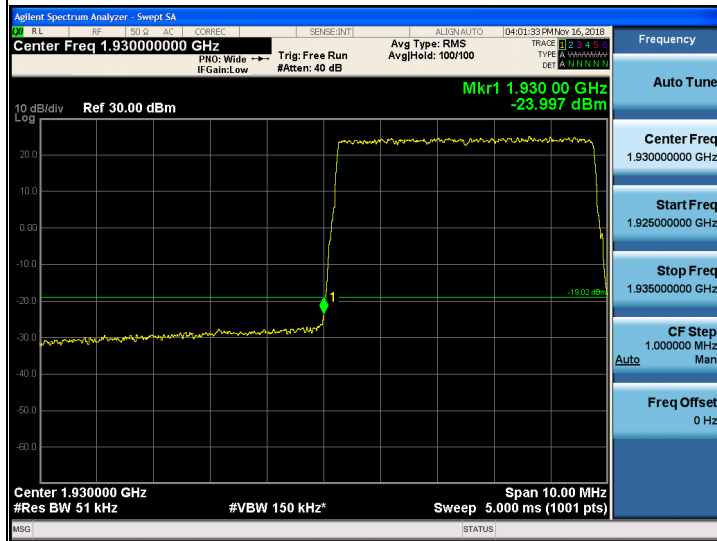
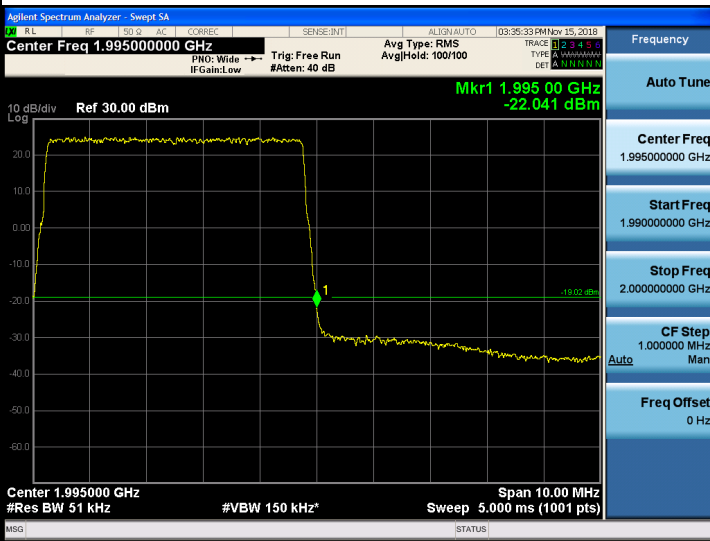
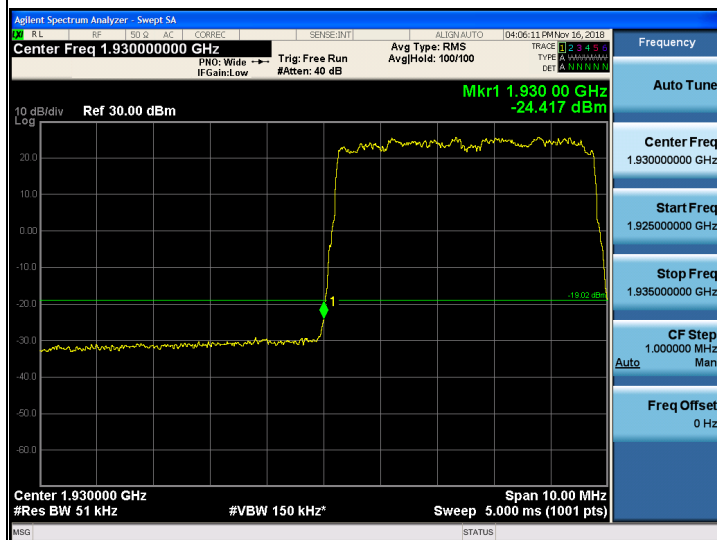
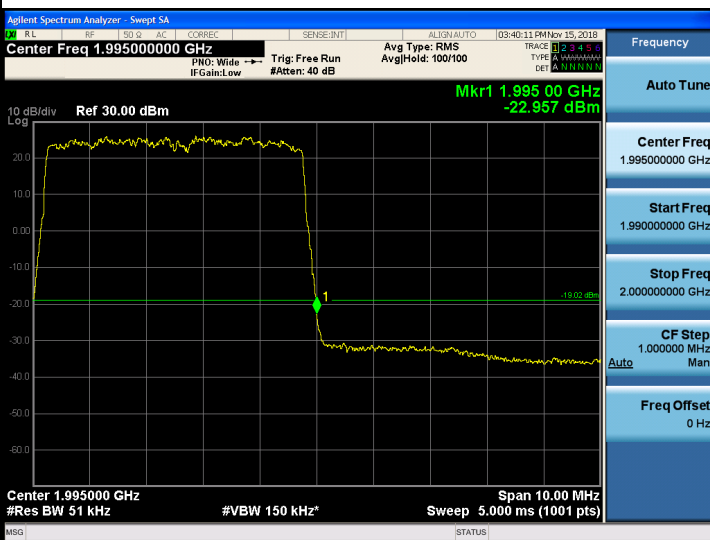
Port 2

Modulation: QPSK		Modulation: QPSK	
Item: Left band edge		Item: Right band edge	
 Agilent Spectrum Analyzer - Swept SA Center Freq 1.93000000 GHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS AvgHld: 100/100 Mkr1 1.930 00 GHz -22.845 dBm 10 dB/div Log Ref 30.00 dBm Center Freq 1.93000000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts)		 Agilent Spectrum Analyzer - Swept SA Center Freq 1.995000000 GHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS AvgHld: 100/100 Mkr1 1.995 00 GHz -21.955 dBm 10 dB/div Log Ref 30.00 dBm Center Freq 1.995000000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts)	
Modulation: 16QAM		Modulation: 16QAM	
Item: Left band edge		Item: Right band edge	
 Agilent Spectrum Analyzer - Swept SA Center Freq 1.930000000 GHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS AvgHld: 100/100 Mkr1 1.930 00 GHz -24.354 dBm 10 dB/div Log Ref 30.00 dBm Center Freq 1.93000000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts)		 Agilent Spectrum Analyzer - Swept SA Center Freq 1.995000000 GHz PNO: Wide IF Gain: Low Trig: Free Run #Atten: 40 dB Avg Type: RMS AvgHld: 100/100 Mkr1 1.995 00 GHz -21.992 dBm 10 dB/div Log Ref 30.00 dBm Center Freq 1.99500000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts)	

Port 2

Port 2			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 03:42:49 PM Nov 15, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TYPE: A RES: 51 DET: A 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -23.729 dBm 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 04:04:51 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TYPE: A RES: 51 DET: A 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -24.180 dBm 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 03:47:27 PM Nov 15, 2018 Center Freq 1.930000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TYPE: A RES: 51 DET: A 10 dB/div Ref 30.00 dBm Log Mkr1 1.930 00 GHz -24.243 dBm 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50 Hz AC CORRECT SENSE:INT ALIGN:AUTO 04:09:29 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TYPE: A RES: 51 DET: A 10 dB/div Ref 30.00 dBm Log Mkr1 1.995 00 GHz -24.535 dBm 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			

Port 3

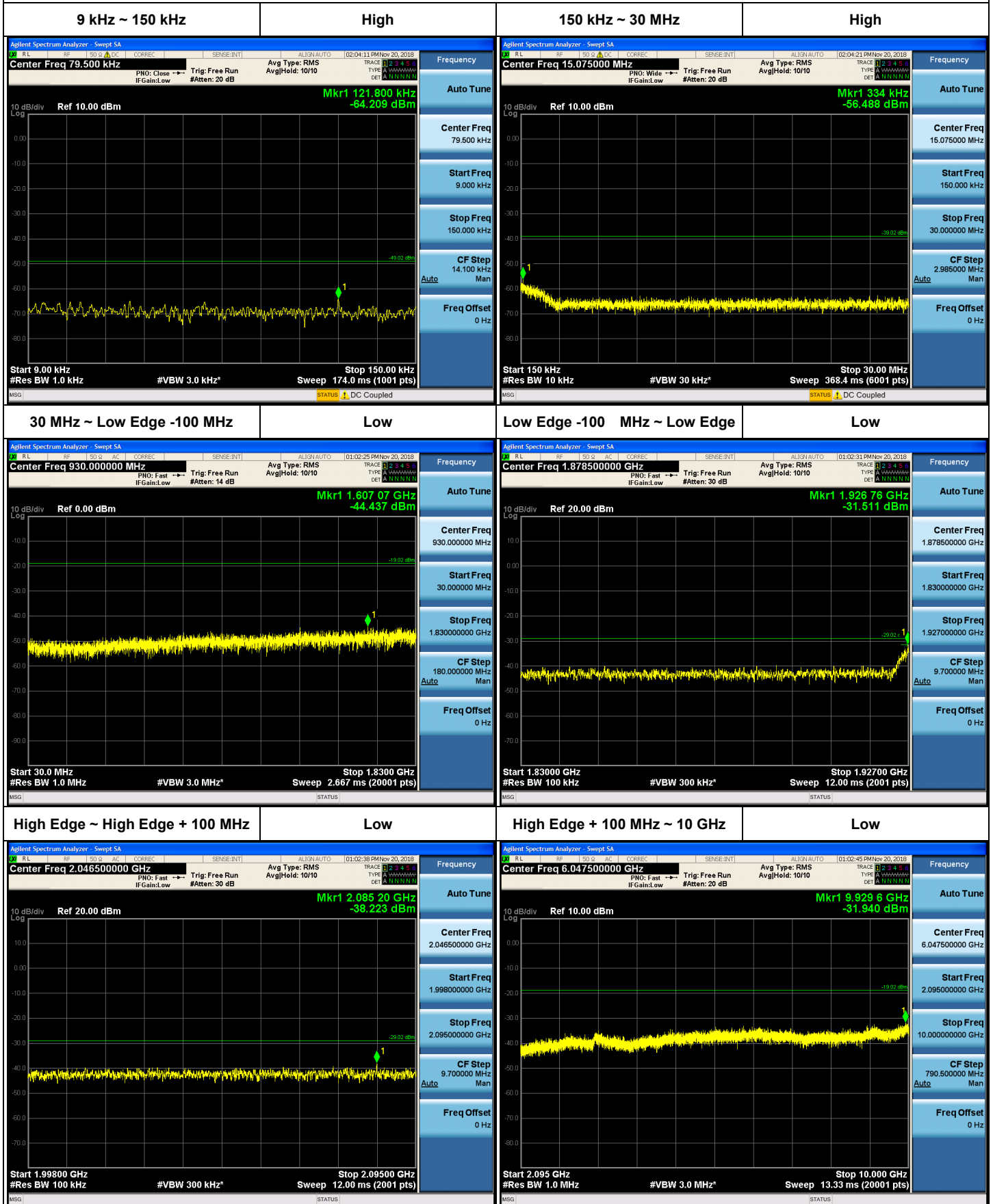
Modulation: QPSK		Modulation: QPSK	
Item: Left band edge		Item: Right band edge	
			
Modulation: 16QAM		Modulation: 16QAM	
Item: Left band edge		Item: Right band edge	
			

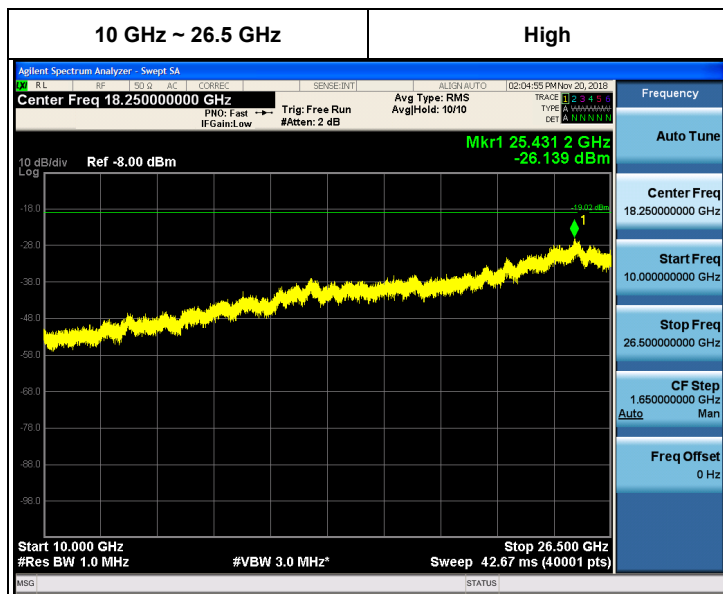
Port 3

Port 3			
Modulation:		64QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50.02 AC CORRECT SENSE:INT ALIGN:AUTO 04:10:50 PM Nov 15, 2018 Center Freq 1.930000000 GHz PRN0: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [2 3 4 5 6] TYPE A [W W W W W W W W] DET A [R N N N N N] Mkr1 1.930 00 GHz -24.593 dBm 10 dB/div Ref 30.00 dBm Log 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		64QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50.02 AC CORRECT SENSE:INT ALIGN:AUTO 03:44:50 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN0: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [2 3 4 5 6] TYPE A [W W W W W W W W] DET A [R N N N N N] Mkr1 1.995 00 GHz -23.652 dBm 10 dB/div Ref 30.00 dBm Log 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Left band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50.02 AC CORRECT SENSE:INT ALIGN:AUTO 04:15:28 PM Nov 15, 2018 Center Freq 1.930000000 GHz PRN0: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [2 3 4 5 6] TYPE A [W W W W W W W W] DET A [R N N N N N] Mkr1 1.930 00 GHz -24.445 dBm 10 dB/div Ref 30.00 dBm Log 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.930000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.930000000 GHz Start Freq 1.925000000 GHz Stop Freq 1.935000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			
Modulation:		256QAM	
Item:		Right band edge	
Agilent Spectrum Analyzer - Swept SA RL RF 50.02 AC CORRECT SENSE:INT ALIGN:AUTO 03:49:28 PM Nov 15, 2018 Center Freq 1.995000000 GHz PRN0: Wide IF Gain: Low Trig: Free Run Avg Type: RMS Avg Hold: 100/100 TRACE B [2 3 4 5 6] TYPE A [W W W W W W W W] DET A [R N N N N N] Mkr1 1.995 00 GHz -22.979 dBm 10 dB/div Ref 30.00 dBm Log 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Center 1.995000 GHz #Res BW 51 kHz #VBW 150 kHz* Span 10.00 MHz Sweep 5.000 ms (1001 pts) MSG STATUS Frequency Auto Tune Center Freq 1.995000000 GHz Start Freq 1.990000000 GHz Stop Freq 2.000000000 GHz CF Step 1.000000 MHz Man Auto Freq Offset 0 Hz			

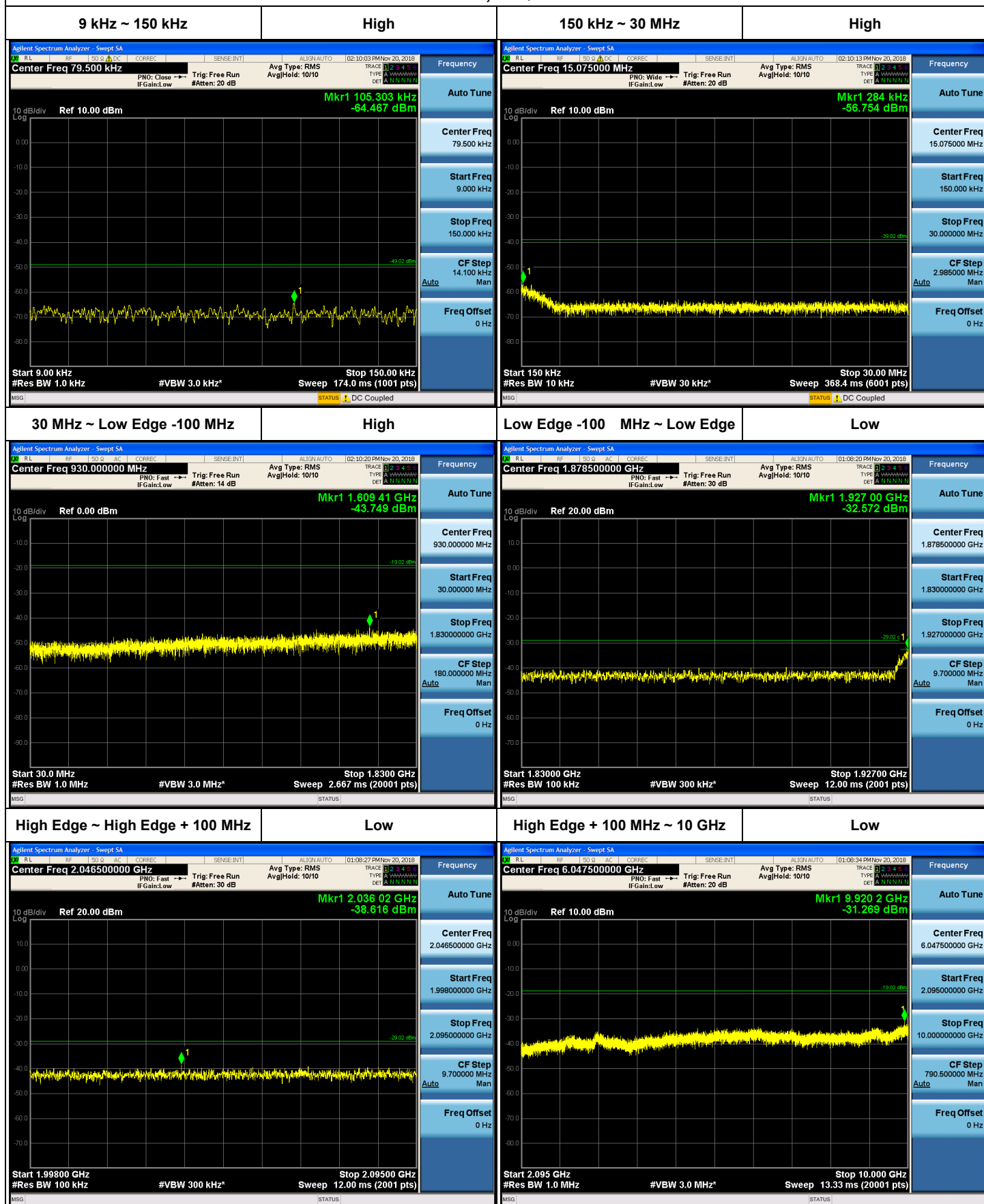
Plots of Unwanted Conducted Emission - 3 MHz Bandwidth / 1 Carrier

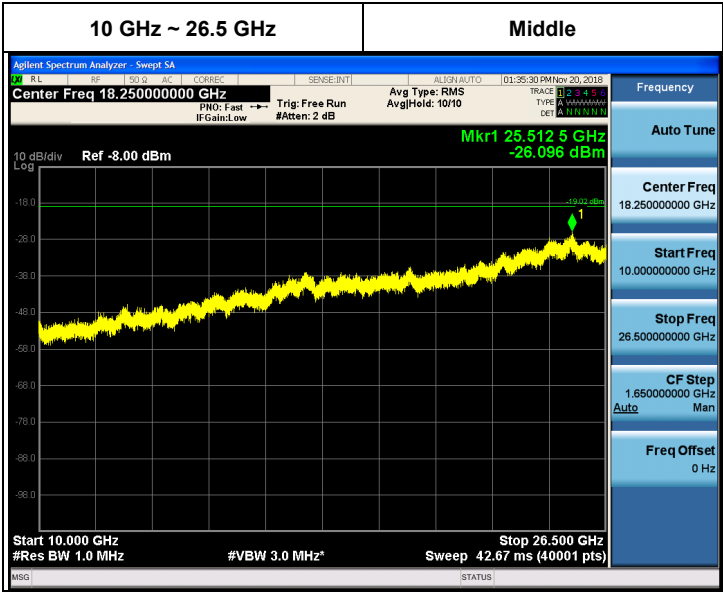
Port 0, QPSK



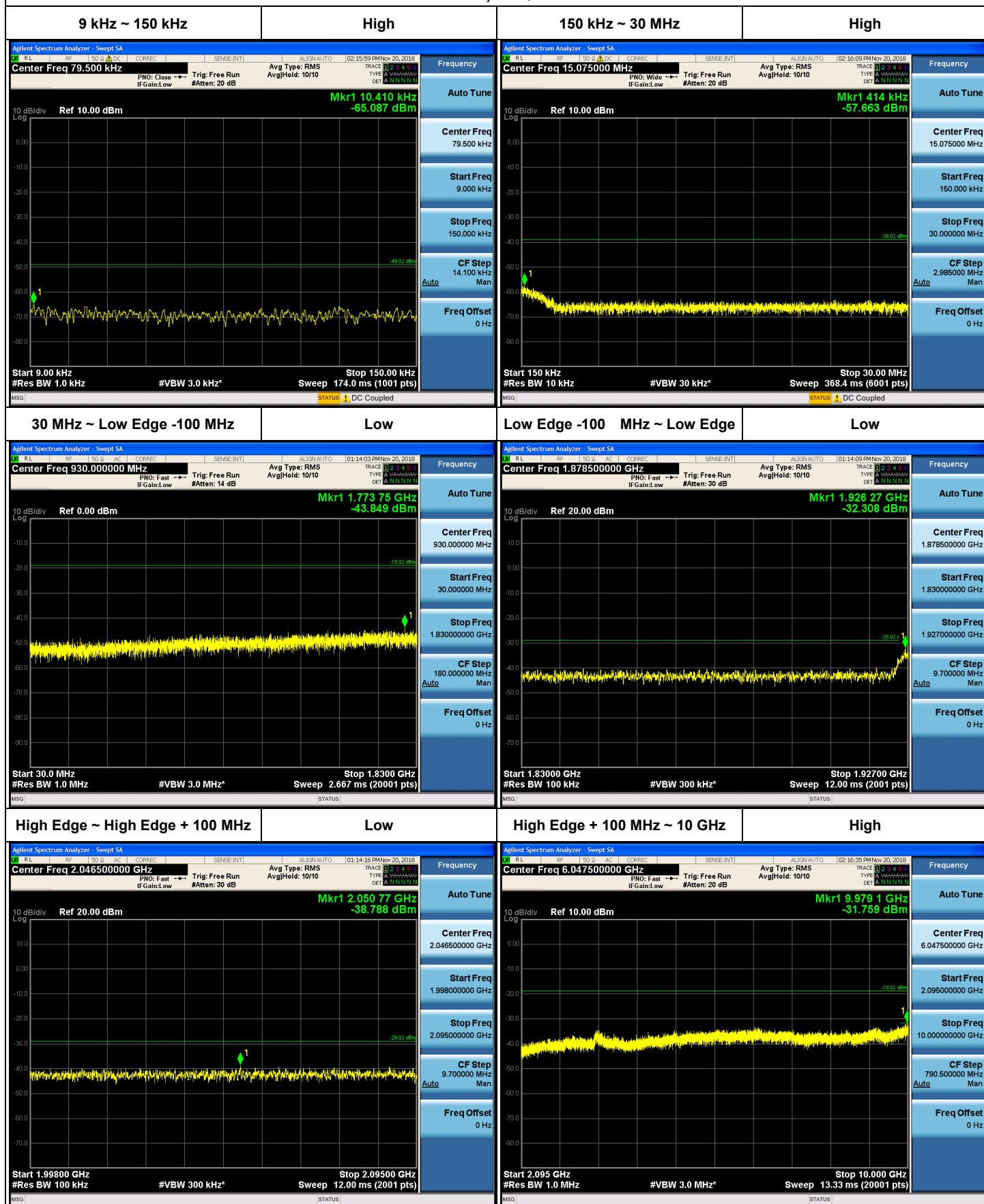


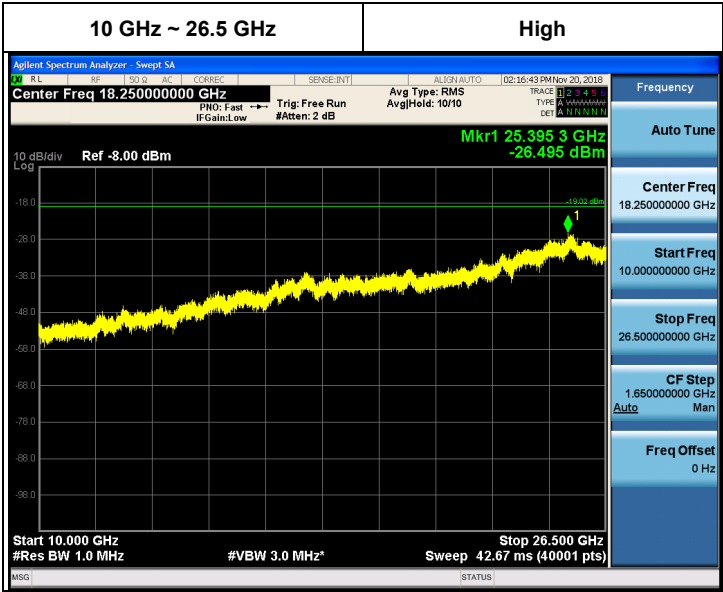
Port 0, 16QAM



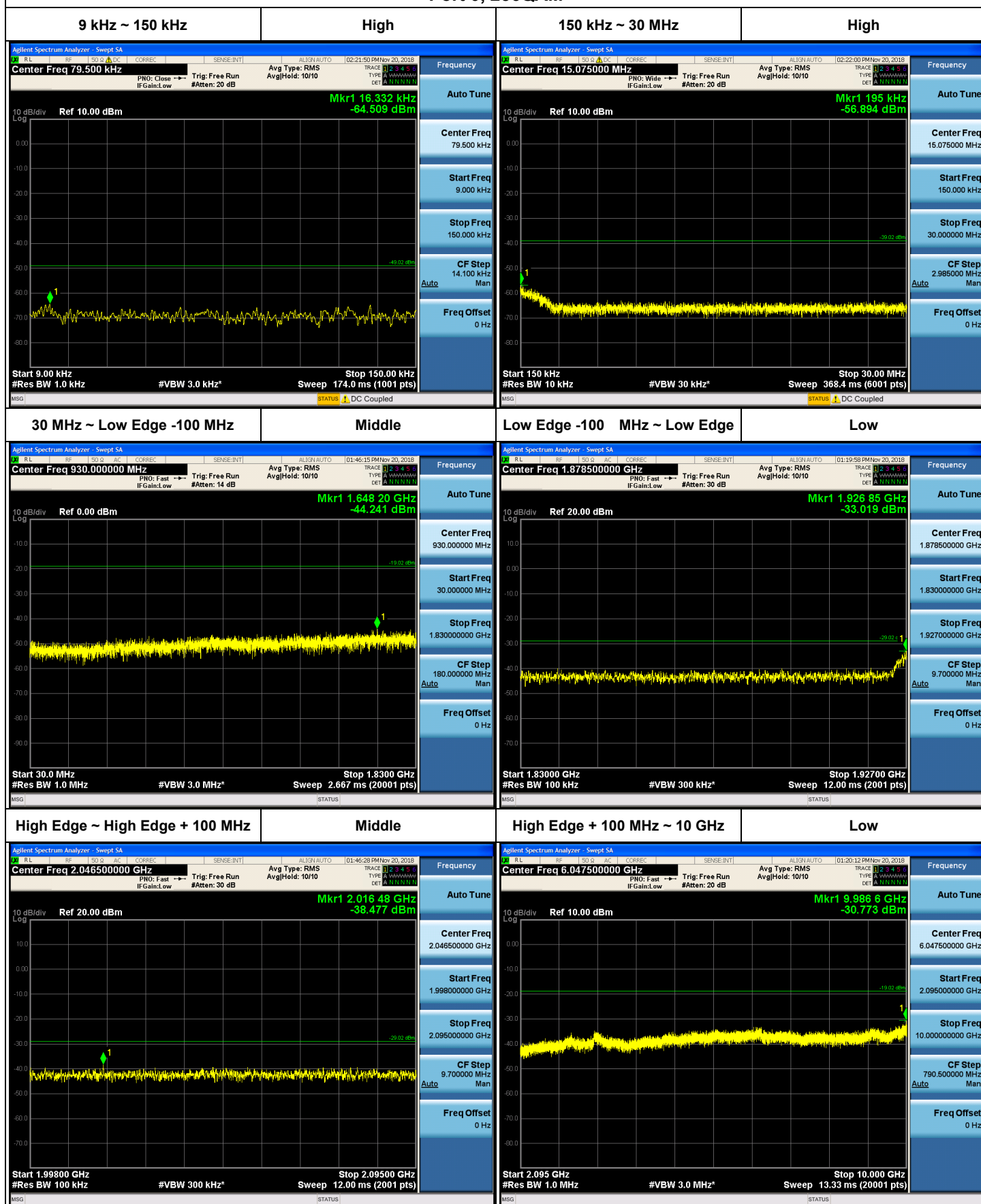


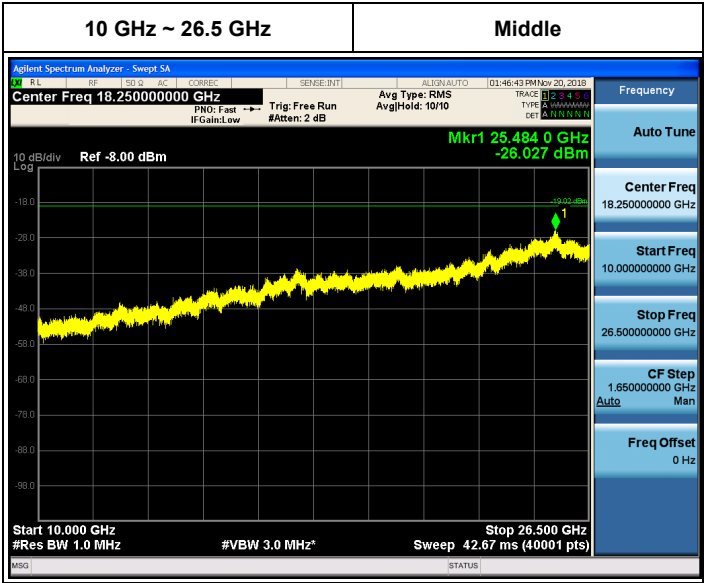
Port 0, 64QAM



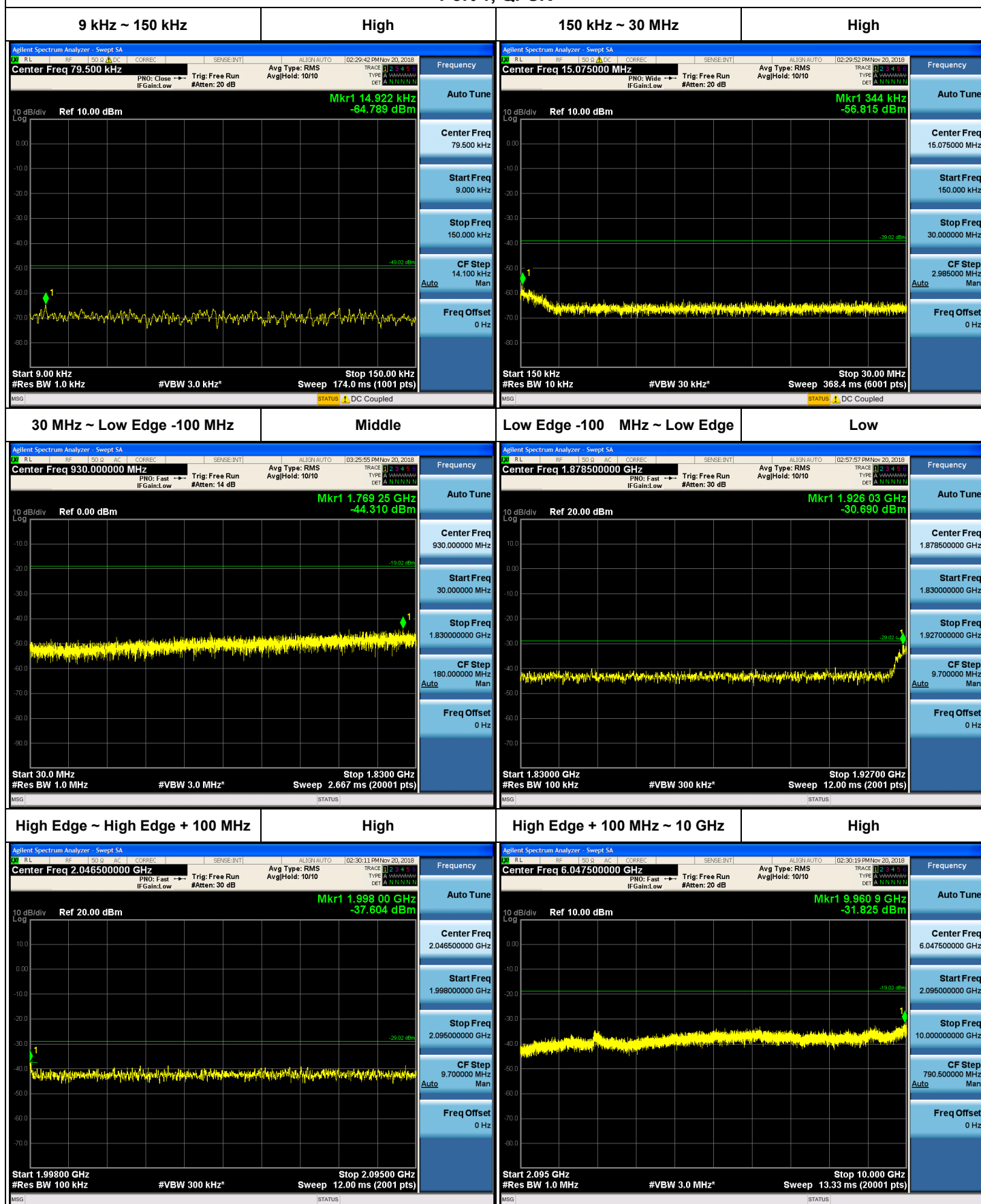


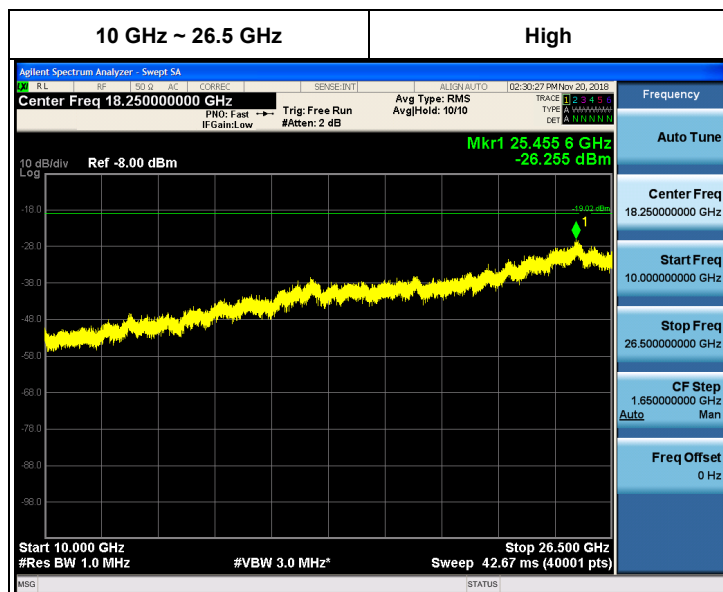
Port 0, 256QAM





Port 1, QPSK





Port 1, 16QAM

