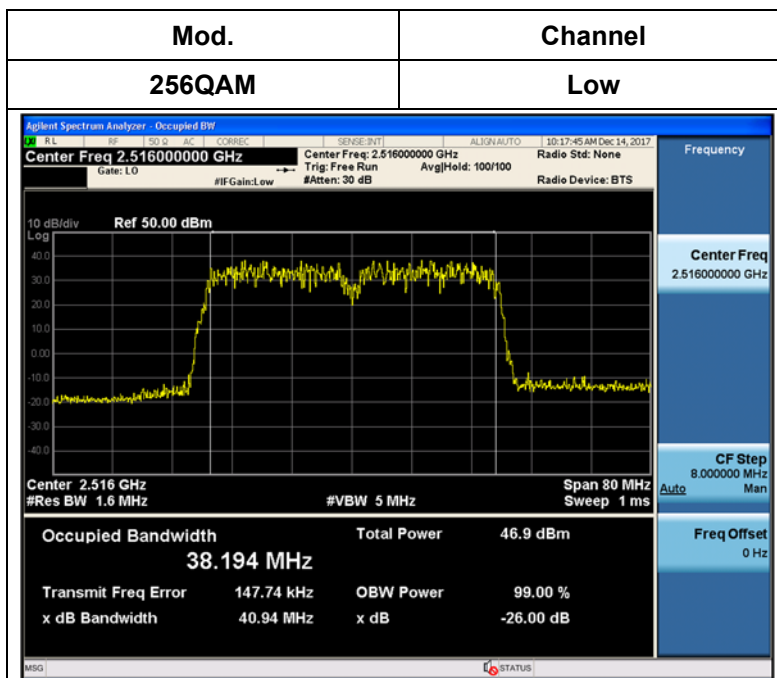
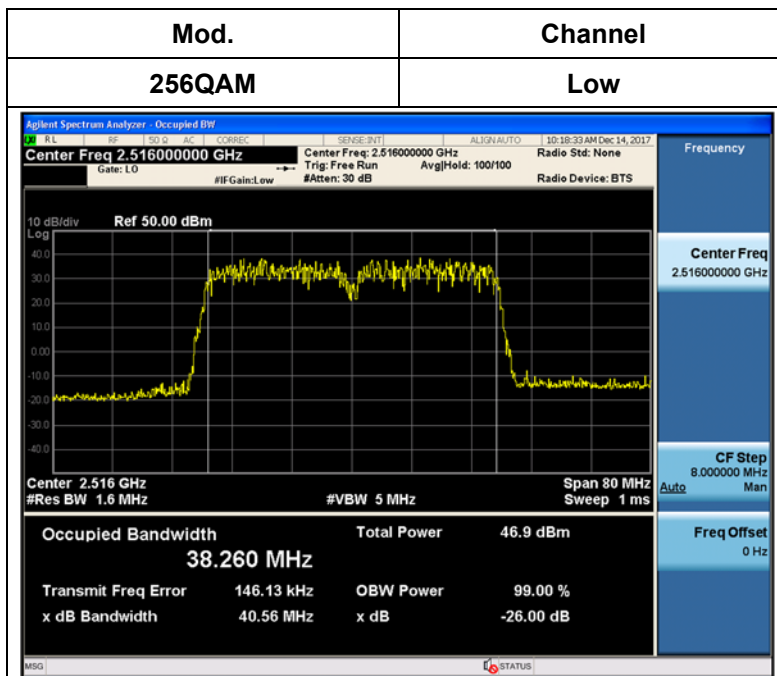


20 MHz + 20 MHz / 2 Carriers (10 W + 10 W)

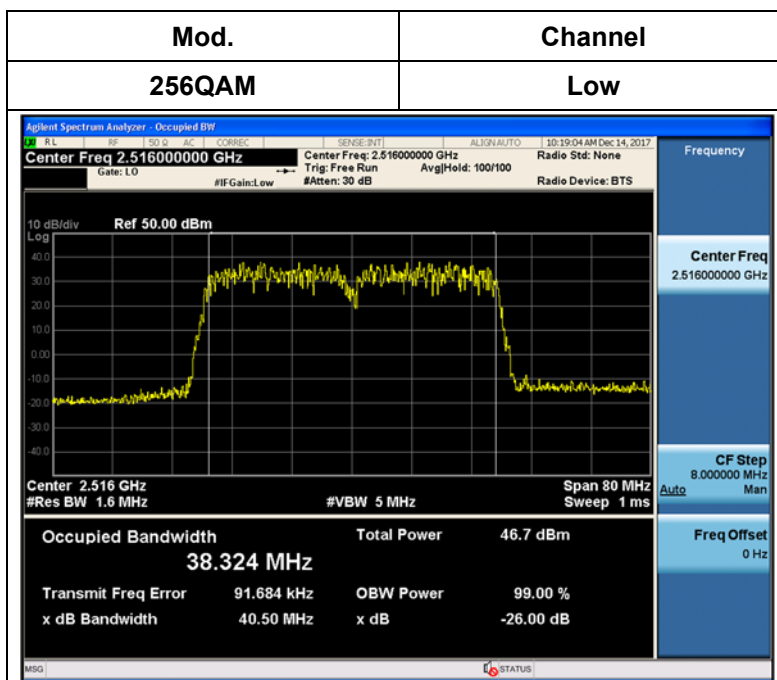
Plot Data for Output Port 0



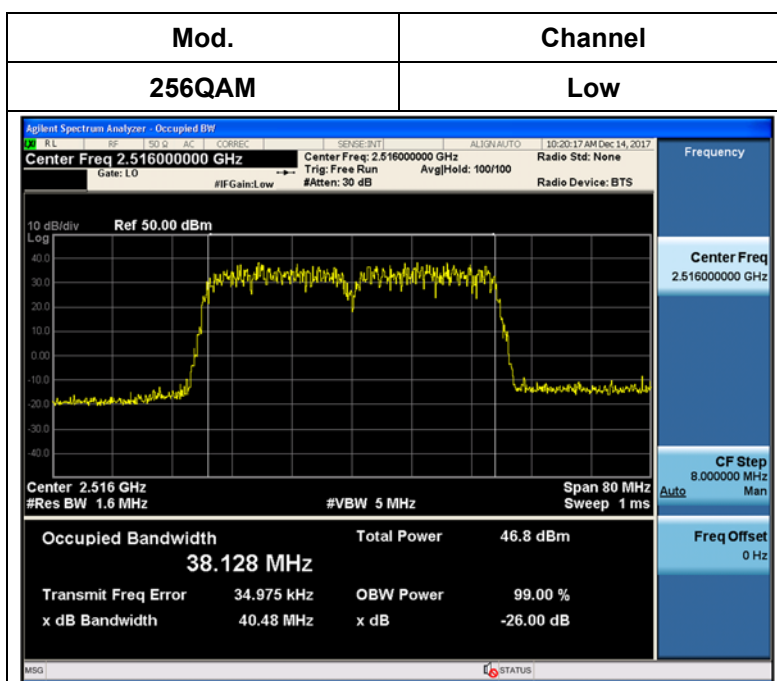
Plot Data for Output Port 1



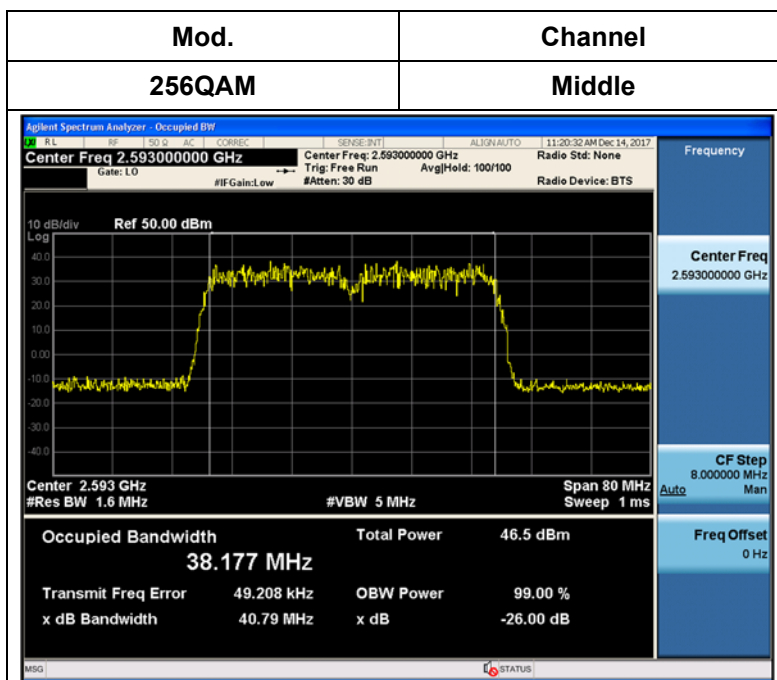
Plot Data for Output Port 2



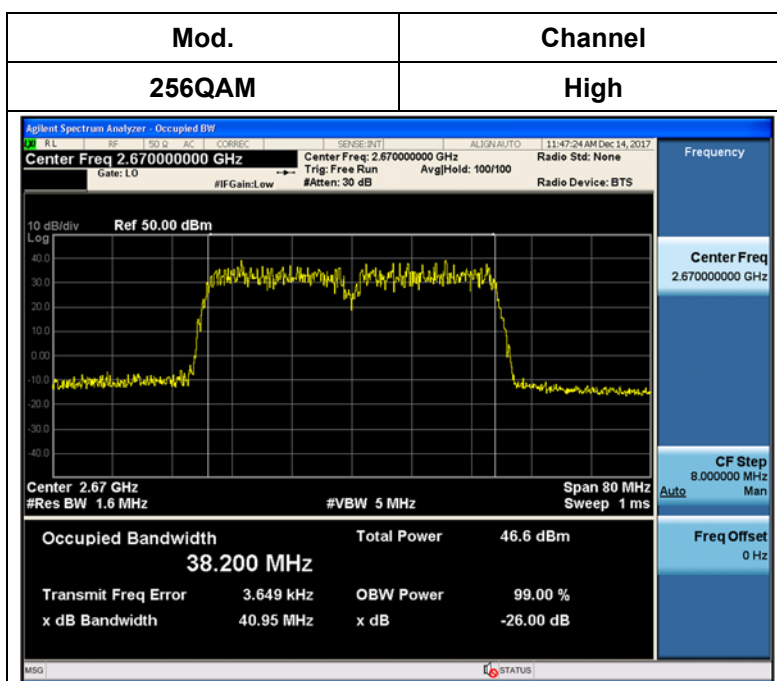
Plot Data for Output Port 3



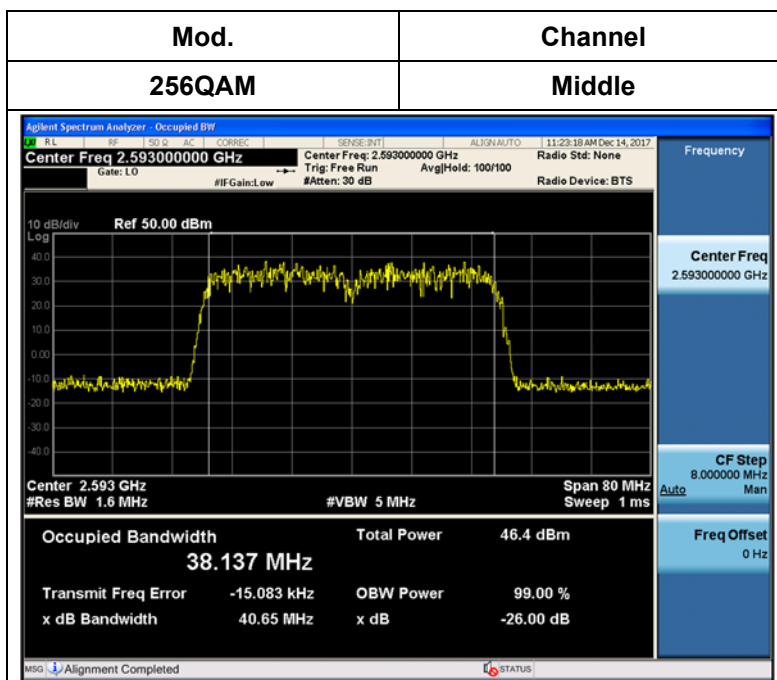
Plot Data for Output Port 4



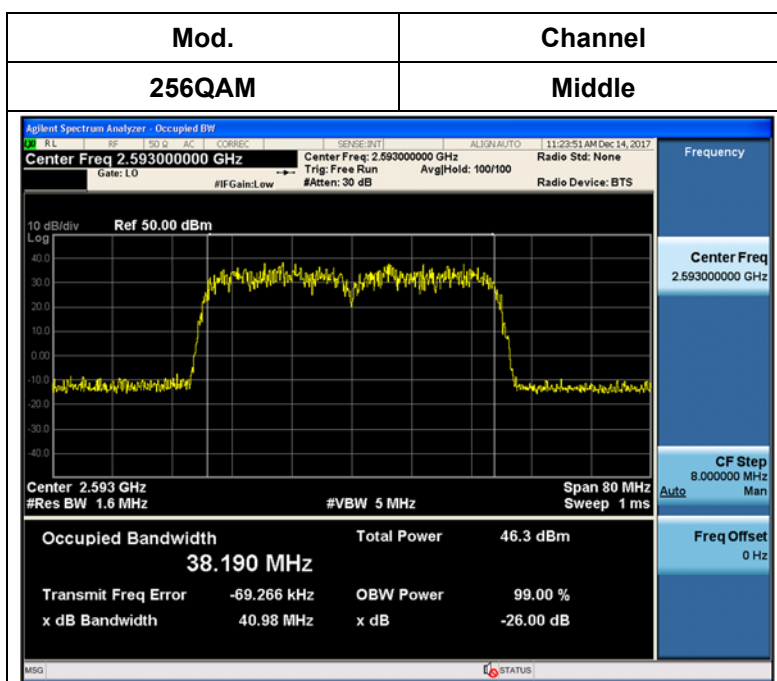
Plot Data for Output Port 5



Plot Data for Output Port 6

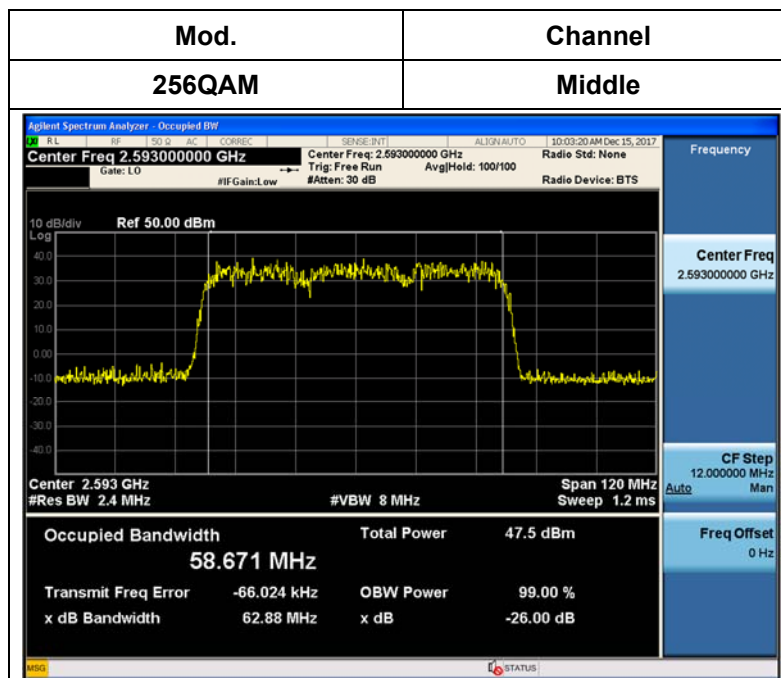


Plot Data for Output Port 7

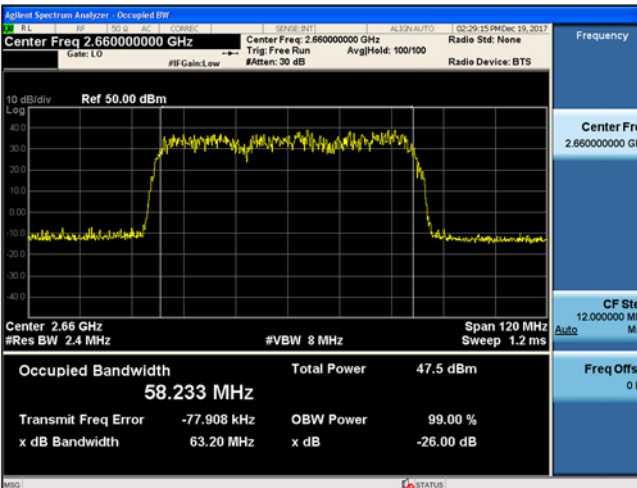
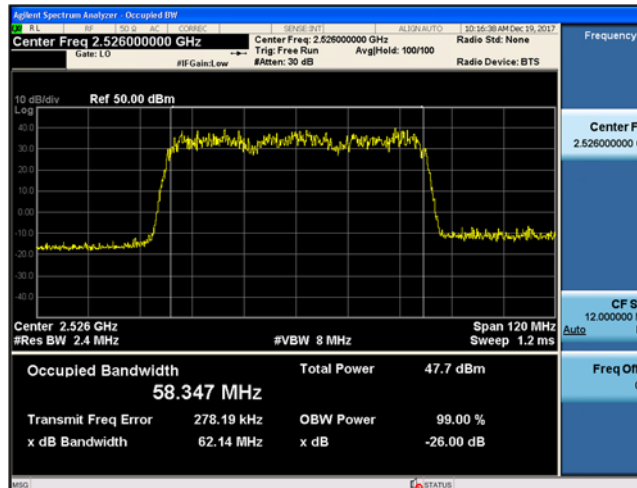
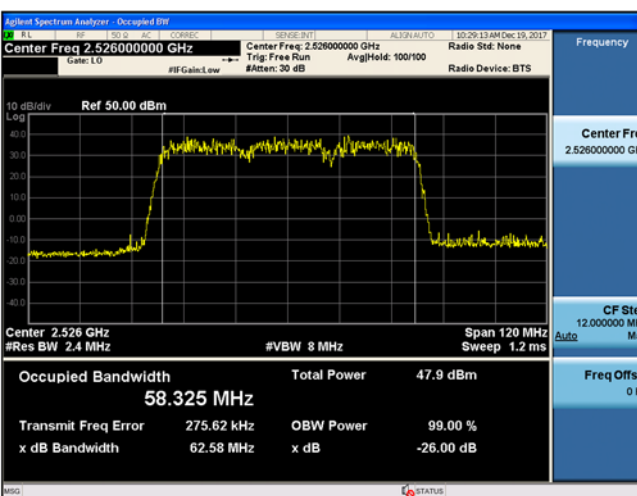
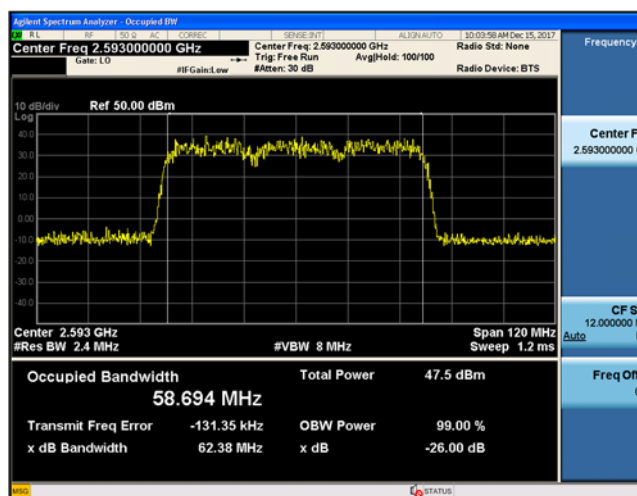


20 MHz + 20 MHz + 20 MHz / 3 Carriers (6.67 W + 6.67 W + 6.67 W)

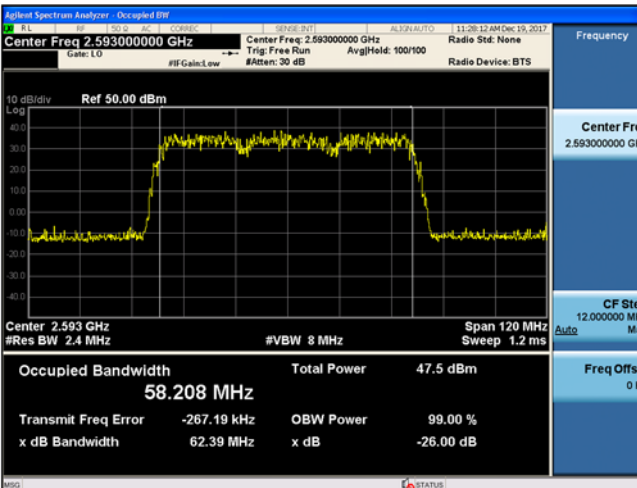
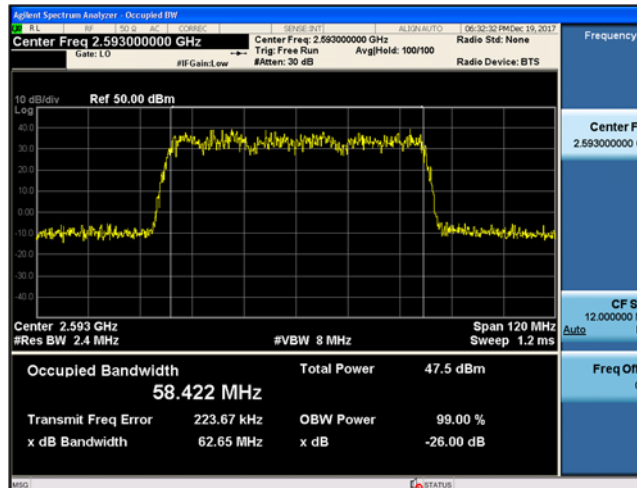
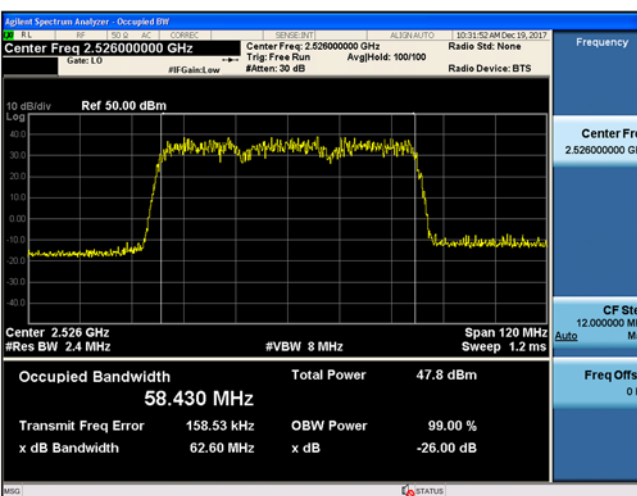
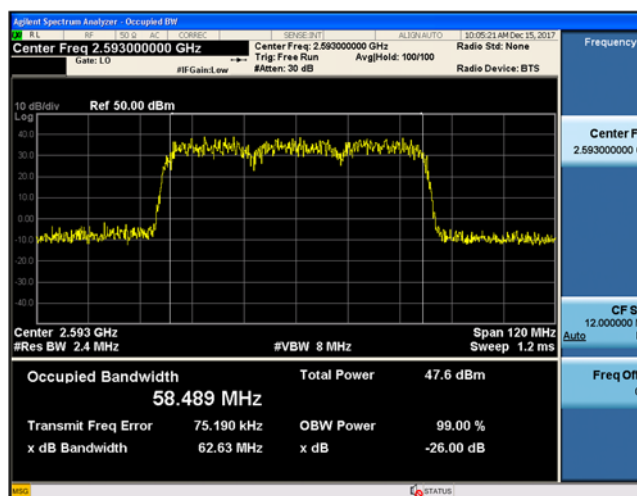
Plot Data for Output Port 0



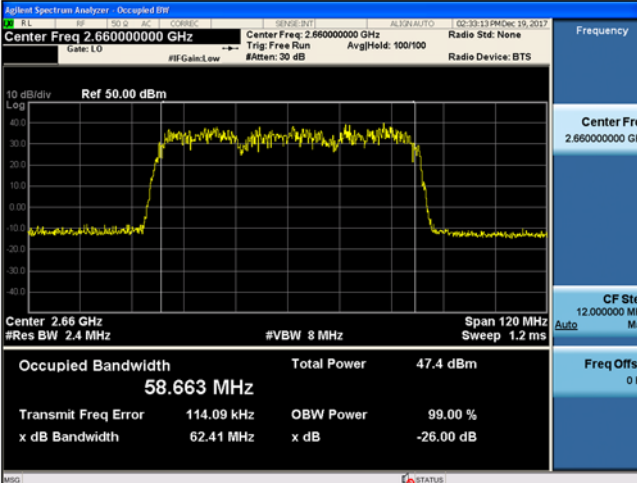
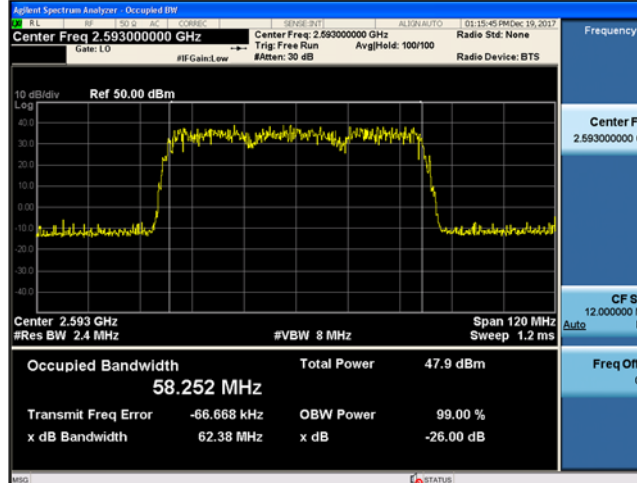
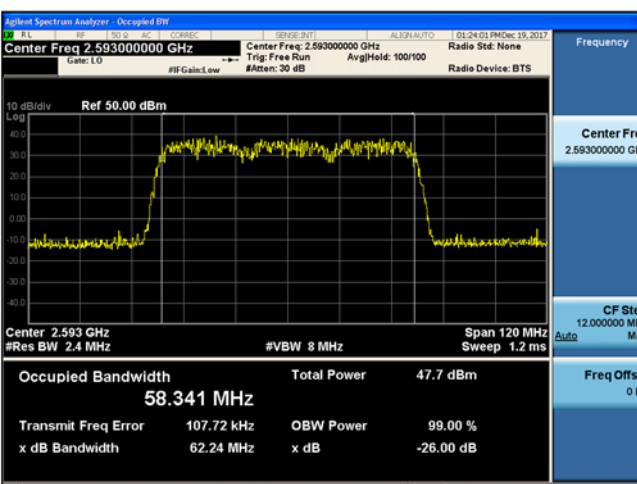
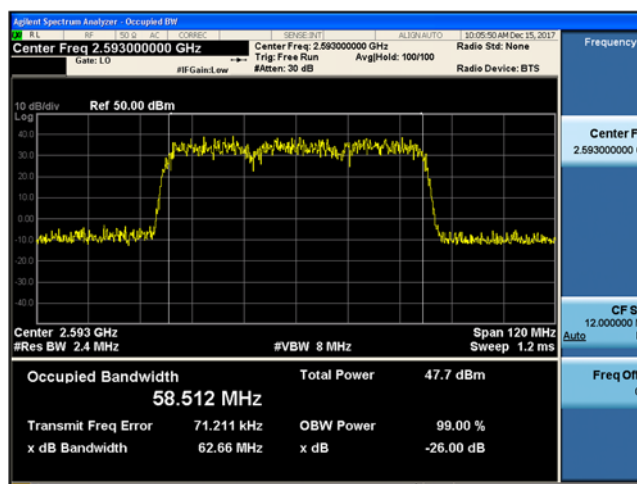
Plot Data for Output Port 1

Mod.	Channel	Mod.	Channel
QPSK	High	16QAM	Low
			
			

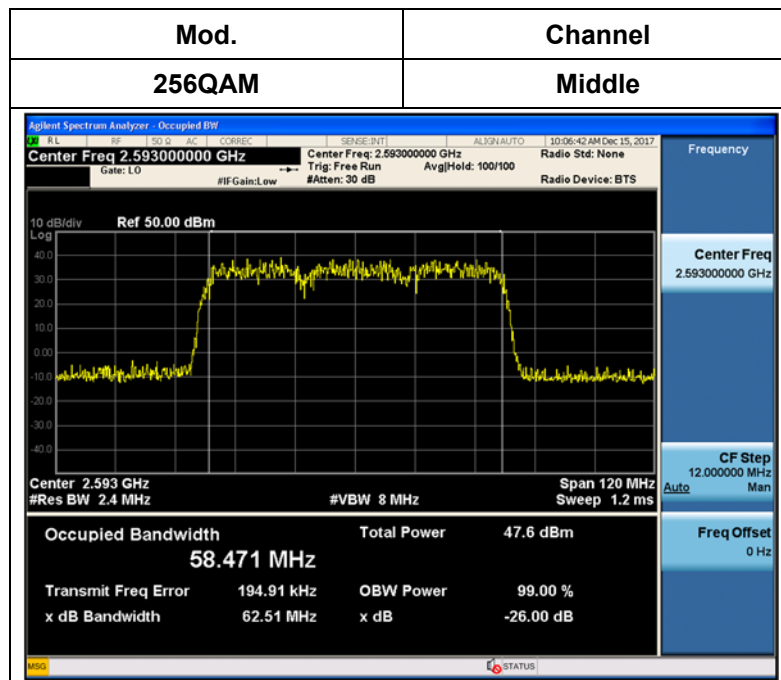
Plot Data for Output Port 2

Mod.	Channel	Mod.	Channel
QPSK	Middle	16QAM	Middle
			
Mod. Channel 64QAM Low		Mod. Channel 256QAM Middle	
			

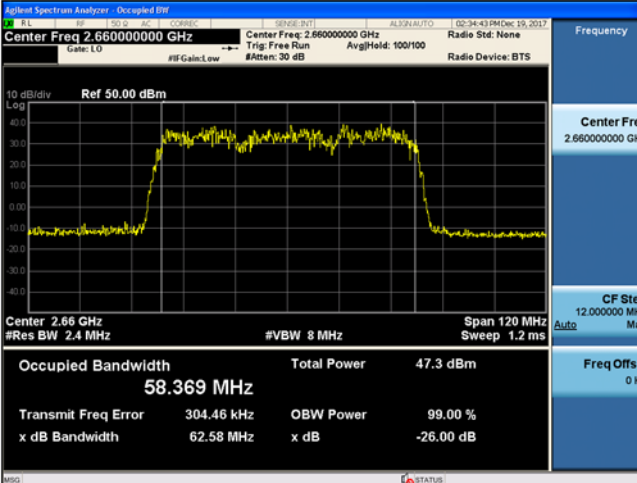
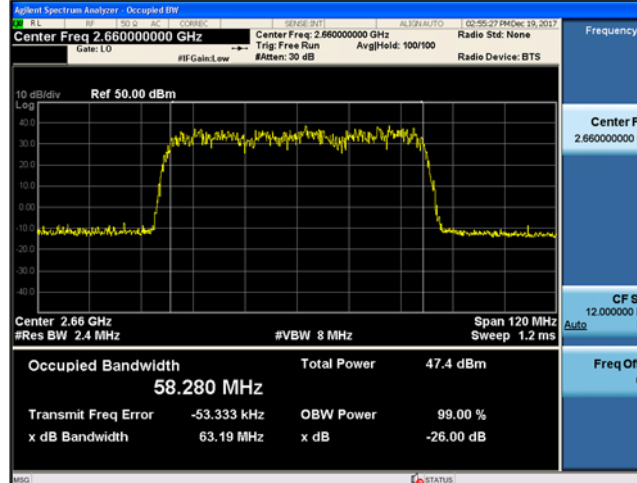
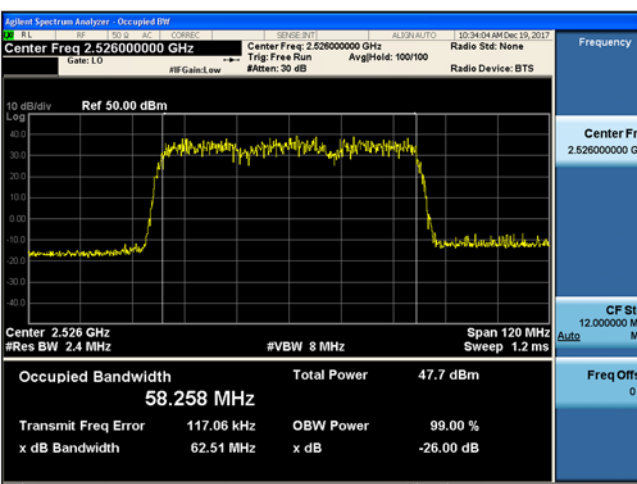
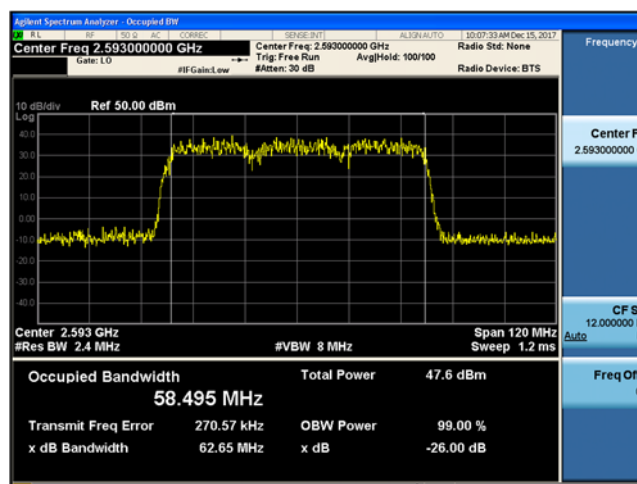
Plot Data for Output Port 3

Mod.	Channel	Mod.	Channel
QPSK	High	16QAM	Middle
			
			

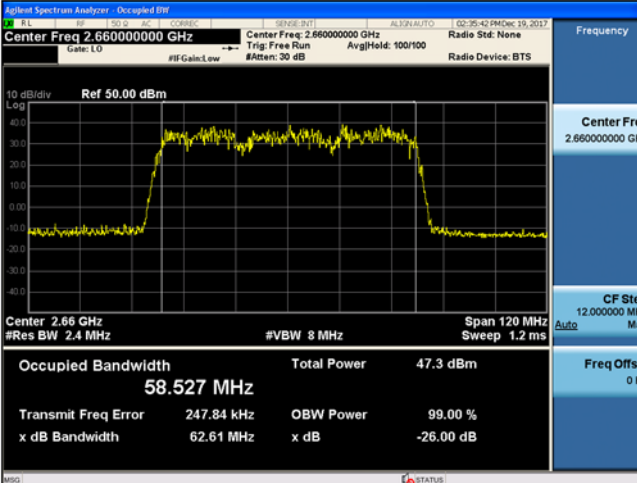
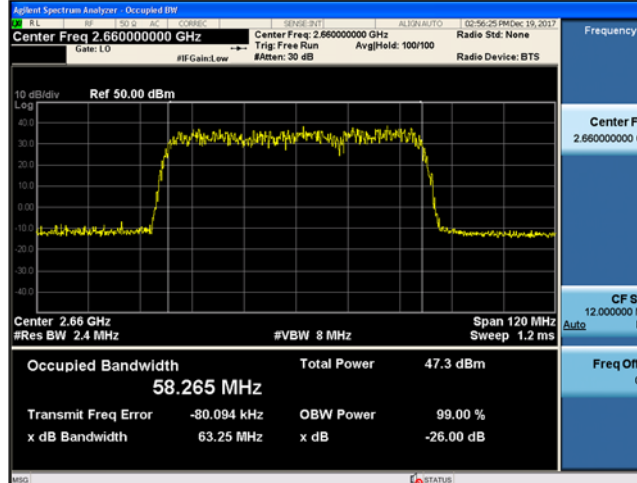
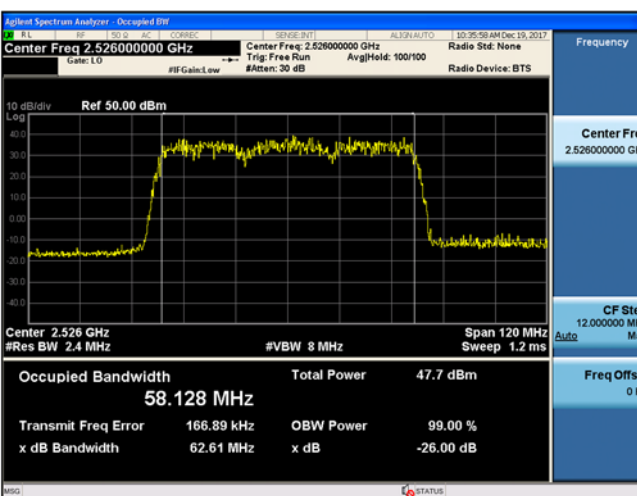
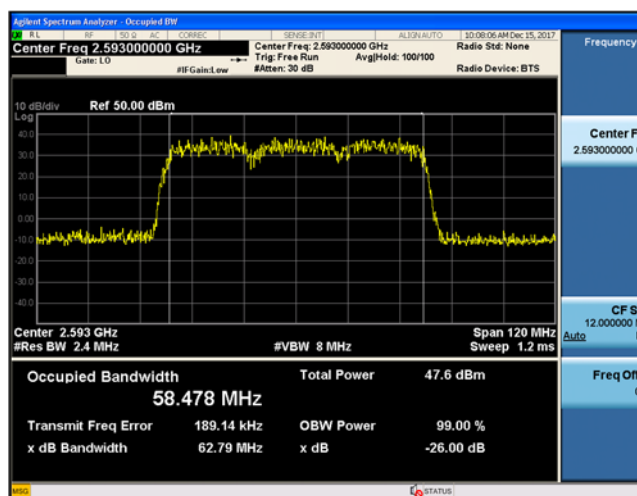
Plot Data for Output Port 4



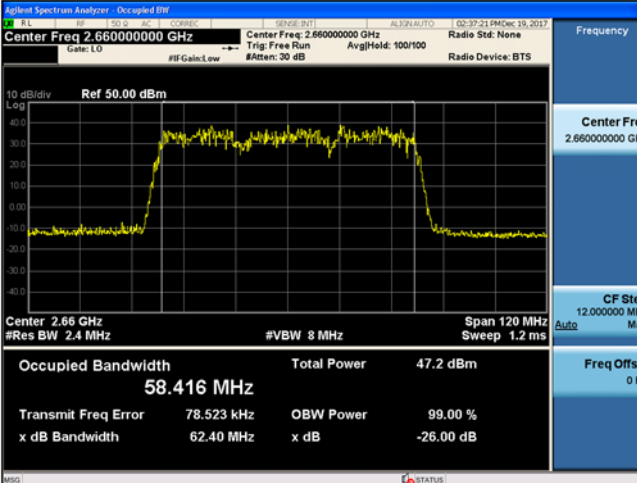
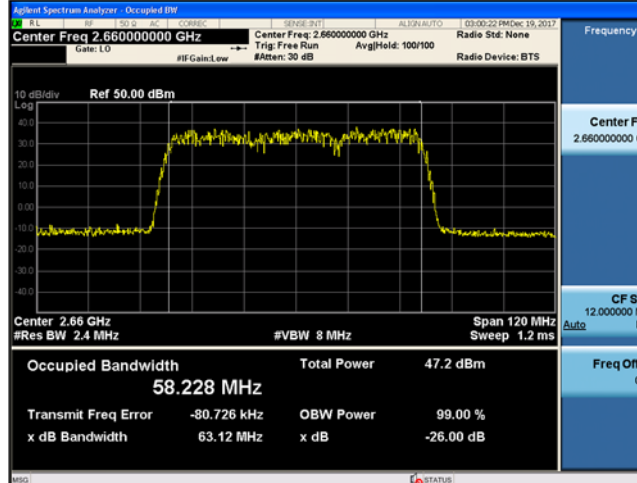
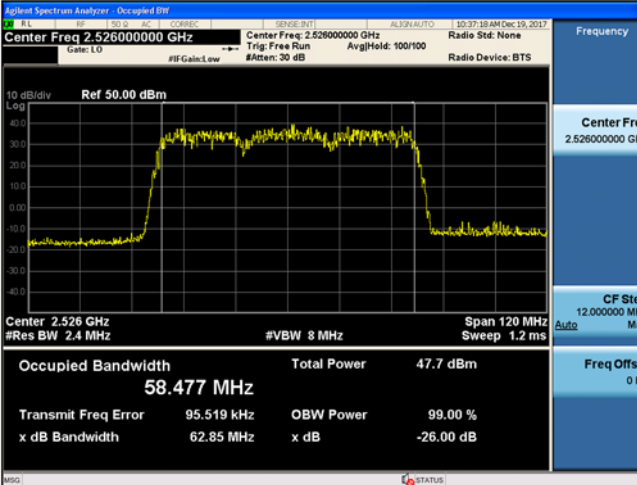
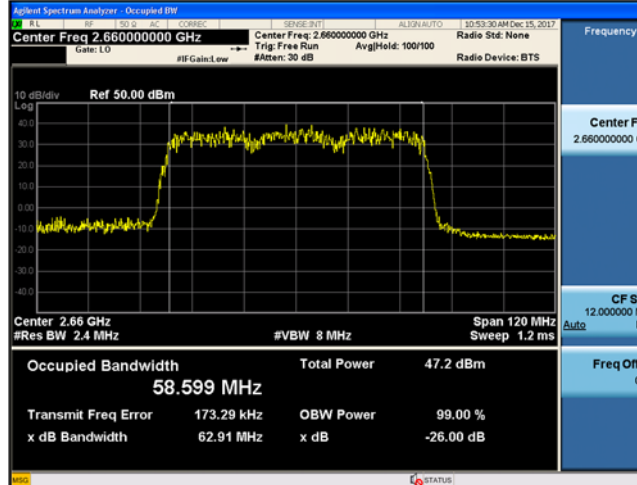
Plot Data for Output Port 5

Mod.	Channel	Mod.	Channel
QPSK	High	16QAM	High
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Center Freq: 2.660000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BTS Frequency Center Freq 2.660000000 GHz CF Step 12.000000 MHz Auto Center 2.66 GHz #Res BW 2.4 MHz #VBW 8 MHz Span 120 MHz Sweep 1.2 ms Occupied Bandwidth 58.369 MHz Total Power 47.3 dBm Transmit Freq Error 304.46 kHz OBW Power 99.00 % x dB Bandwidth 62.58 MHz x dB -26.00 dB MSG STATUS		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Center Freq: 2.660000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BTS Frequency Center Freq 2.660000000 GHz CF Step 12.000000 MHz Auto Center 2.66 GHz #Res BW 2.4 MHz #VBW 8 MHz Span 120 MHz Sweep 1.2 ms Occupied Bandwidth 58.280 MHz Total Power 47.4 dBm Transmit Freq Error -53.333 kHz OBW Power 99.00 % x dB Bandwidth 63.19 MHz x dB -26.00 dB MSG STATUS	
Mod.	Channel	Mod.	Channel
64QAM	Low	256QAM	Middle
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.526000000 GHz Center Freq: 2.526000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BTS Frequency Center Freq 2.526000000 GHz CF Step 12.000000 MHz Auto Center 2.526 GHz #Res BW 2.4 MHz #VBW 8 MHz Span 120 MHz Sweep 1.2 ms Occupied Bandwidth 58.258 MHz Total Power 47.7 dBm Transmit Freq Error 117.06 kHz OBW Power 99.00 % x dB Bandwidth 62.51 MHz x dB -26.00 dB MSG STATUS		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Center Freq: 2.593000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BTS Frequency Center Freq 2.593000000 GHz CF Step 12.000000 MHz Auto Center 2.593 GHz #Res BW 2.4 MHz #VBW 8 MHz Span 120 MHz Sweep 1.2 ms Occupied Bandwidth 58.495 MHz Total Power 47.6 dBm Transmit Freq Error 270.57 kHz OBW Power 99.00 % x dB Bandwidth 62.65 MHz x dB -26.00 dB MSG STATUS	

Plot Data for Output Port 6

Mod.	Channel	Mod.	Channel
QPSK	High	16QAM	High
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.527 MHz Total Power 47.3 dBm Transmit Freq Error 247.84 kHz OBW Power 99.00 % x dB Bandwidth 62.61 MHz x dB -26.00 dB		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.265 MHz Total Power 47.3 dBm Transmit Freq Error -80.094 kHz OBW Power 99.00 % x dB Bandwidth 63.25 MHz x dB -26.00 dB	
Mod.	Channel	Mod.	Channel
64QAM	Low	256QAM	Middle
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.526000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.128 MHz Total Power 47.7 dBm Transmit Freq Error 166.89 kHz OBW Power 99.00 % x dB Bandwidth 62.61 MHz x dB -26.00 dB		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.478 MHz Total Power 47.6 dBm Transmit Freq Error 189.14 kHz OBW Power 99.00 % x dB Bandwidth 62.79 MHz x dB -26.00 dB	

Plot Data for Output Port 7

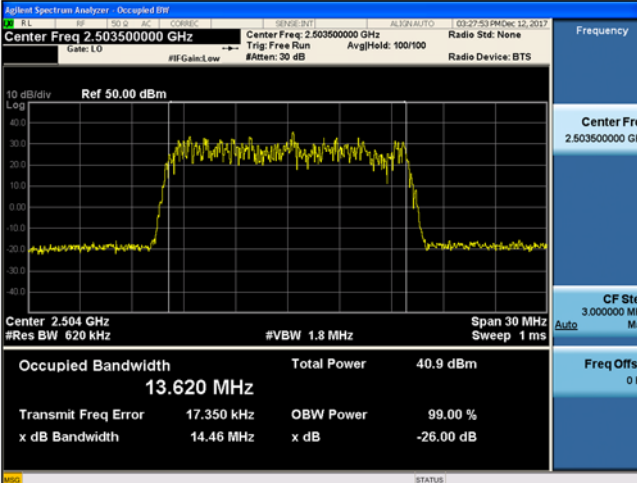
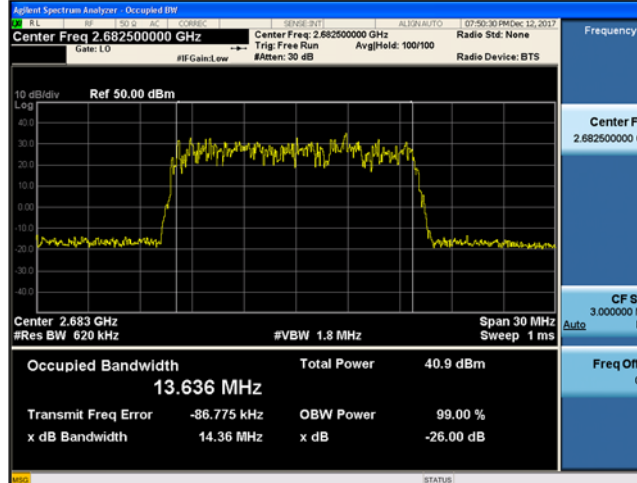
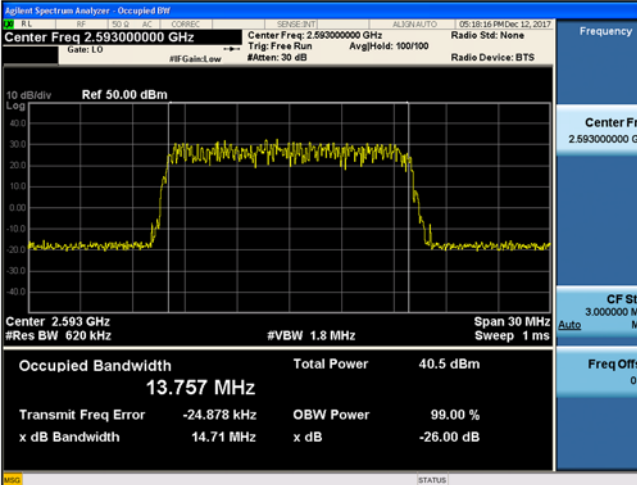
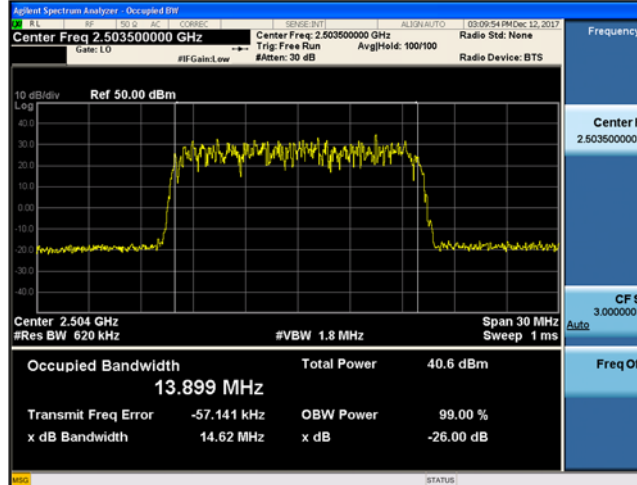
Mod.	Channel	Mod.	Channel
QPSK	High	16QAM	High
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.416 MHz Total Power 47.2 dBm Transmit Freq Error 78.523 kHz OBW Power 99.00 % x dB Bandwidth 62.40 MHz x dB -26.00 dB		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.228 MHz Total Power 47.2 dBm Transmit Freq Error -80.726 kHz OBW Power 99.00 % x dB Bandwidth 63.12 MHz x dB -26.00 dB	
64QAM	Low	256QAM	High
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.526000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.477 MHz Total Power 47.7 dBm Transmit Freq Error 95.519 kHz OBW Power 99.00 % x dB Bandwidth 62.85 MHz x dB -26.00 dB		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.660000000 GHz Ref 50.00 dBm Occupied Bandwidth 58.599 MHz Total Power 47.2 dBm Transmit Freq Error 173.29 kHz OBW Power 99.00 % x dB Bandwidth 62.91 MHz x dB -26.00 dB	

15 MHz / 1 Carrier (7.5 W)

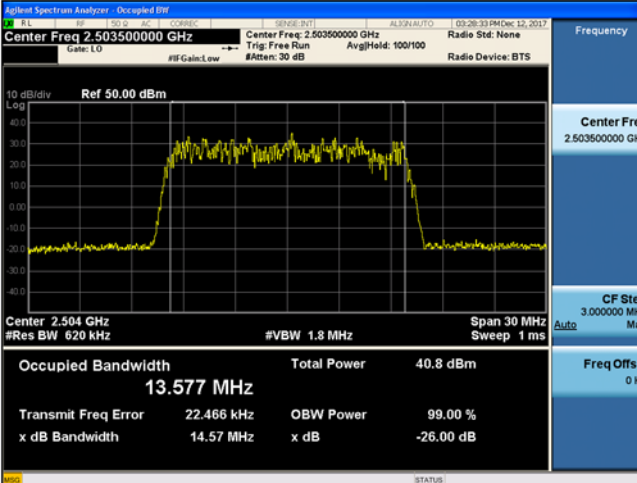
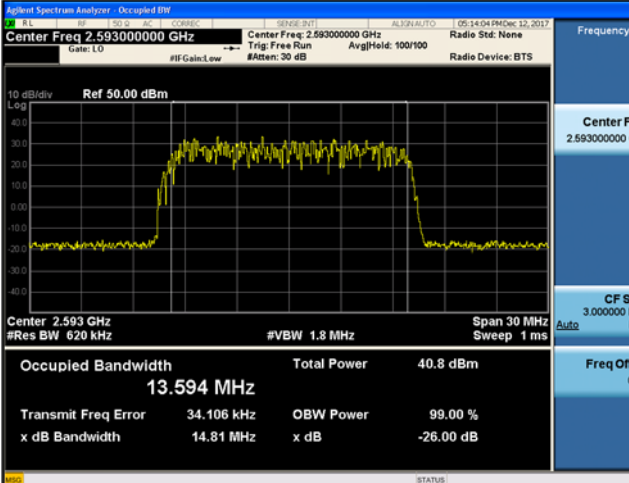
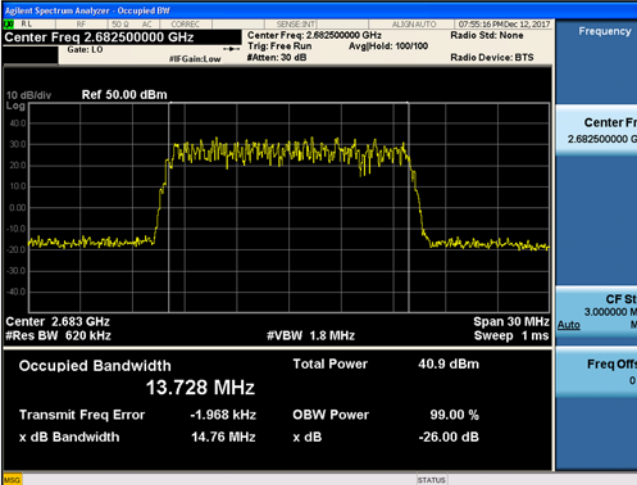
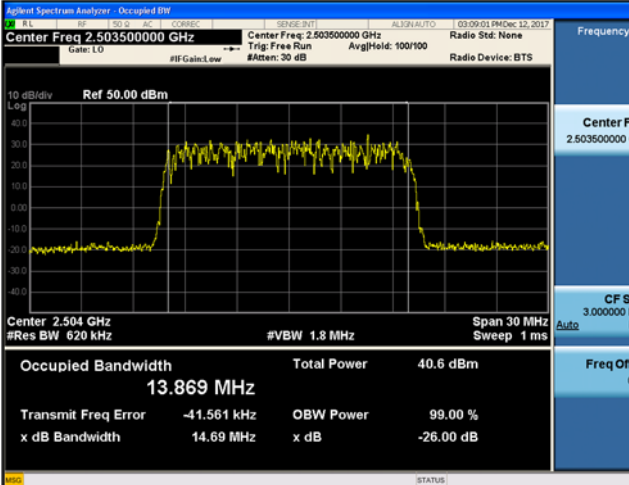
Plot Data for Output Port 0

Mod.	Channel	Mod.	Channel
QPSK	Low	16QAM	High
Agilent Spectrum Analyzer - Occupied BW Center Freq 2.503500000 GHz Center Freq: 2.503500000 GHz Radio Std: None Gate: LO #IF Gain: Low Trig: Free Run AvgHold: 100/100 #Atten: 30 dB Radio Device: BTS 10 dB/div Ref 50.00 dBm Center Freq 2.503500000 GHz Center 2.504 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms CF Step 3.000000 MHz Occupied Bandwidth 13.640 MHz Total Power 41.0 dBm Transmit Freq Error 56.182 kHz OBW Power 99.00 % x dB Bandwidth 14.45 MHz x dB -26.00 dB Frequency Center Freq 2.503500000 GHz CF Step 3.000000 MHz Freq Offset 0 Hz		Agilent Spectrum Analyzer - Occupied BW Center Freq 2.682500000 GHz Center Freq: 2.682500000 GHz Radio Std: None Gate: LO #IF Gain: Low Trig: Free Run AvgHold: 100/100 #Atten: 30 dB Radio Device: BTS 10 dB/div Ref 50.00 dBm Center Freq 2.682500000 GHz Center 2.683 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms CF Step 3.000000 MHz Occupied Bandwidth 13.644 MHz Total Power 40.7 dBm Transmit Freq Error -115.73 kHz OBW Power 99.00 % x dB Bandwidth 14.62 MHz x dB -26.00 dB Frequency Center Freq 2.682500000 GHz CF Step 3.000000 MHz Freq Offset 0 Hz	
64QAM	Middle	256QAM	High
Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Center Freq: 2.593000000 GHz Radio Std: None Gate: LO #IF Gain: Low Trig: Free Run AvgHold: 100/100 #Atten: 30 dB Radio Device: BTS 10 dB/div Ref 50.00 dBm Center Freq 2.593000000 GHz Center 2.593 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms CF Step 3.000000 MHz Occupied Bandwidth 13.718 MHz Total Power 40.6 dBm Transmit Freq Error -12.700 kHz OBW Power 99.00 % x dB Bandwidth 14.51 MHz x dB -26.00 dB Frequency Center Freq 2.593000000 GHz CF Step 3.000000 MHz Freq Offset 0 Hz		Agilent Spectrum Analyzer - Occupied BW Center Freq 2.682500000 GHz Center Freq: 2.682500000 GHz Radio Std: None Gate: LO #IF Gain: Low Trig: Free Run AvgHold: 100/100 #Atten: 30 dB Radio Device: BTS 10 dB/div Ref 50.00 dBm Center Freq 2.682500000 GHz Center 2.683 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms CF Step 3.000000 MHz Occupied Bandwidth 13.756 MHz Total Power 41.1 dBm Transmit Freq Error -3.437 kHz OBW Power 99.00 % x dB Bandwidth 14.88 MHz x dB -26.00 dB Frequency Center Freq 2.682500000 GHz CF Step 3.000000 MHz Freq Offset 0 Hz	

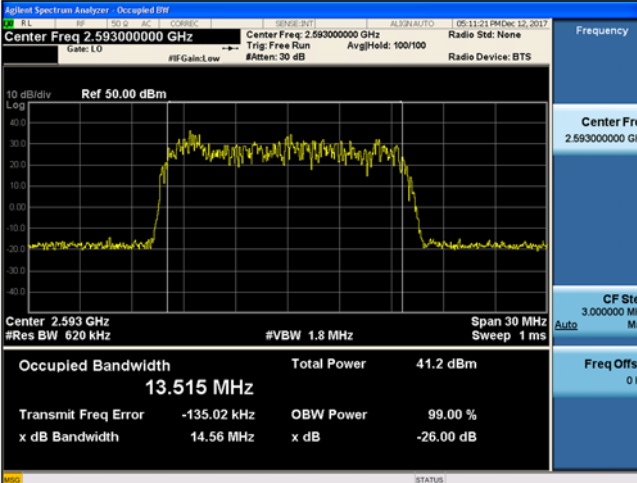
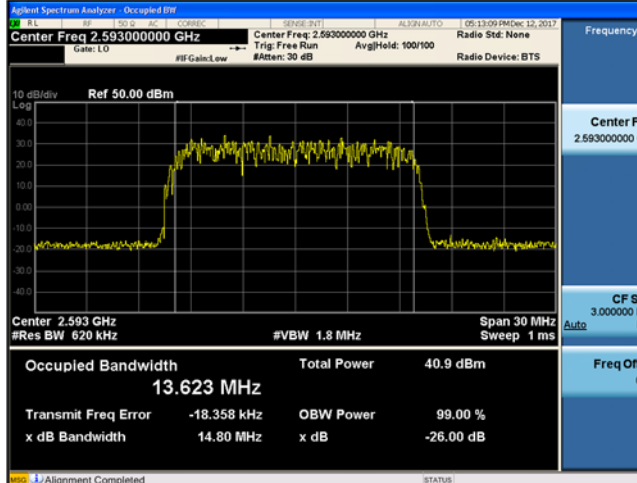
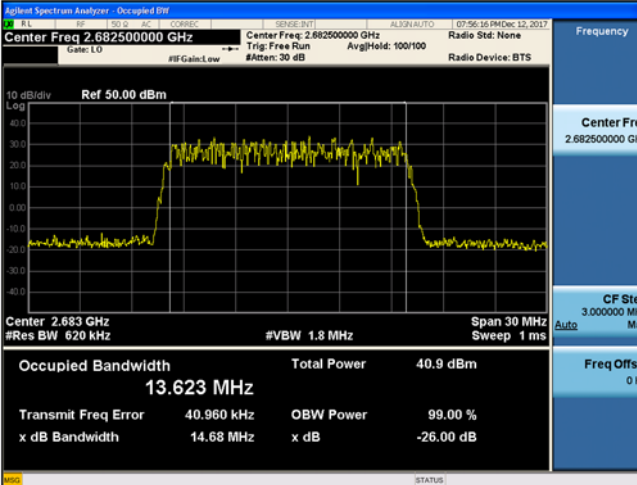
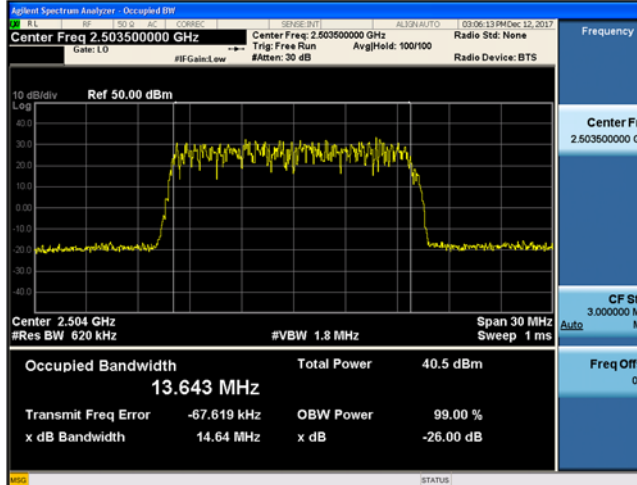
Plot Data for Output Port 1

Mod.	Channel	Mod.	Channel
QPSK	Low	16QAM	High
			
			

Plot Data for Output Port 2

Mod.	Channel	Mod.	Channel
QPSK	Low	16QAM	Middle
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.503500000 GHz Gate: LO #IF Gain: Low #Atten: 30 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS Frequency Center Freq 2.503500000 GHz CF Step 3.000000 MHz Auto Ma Center 2.504 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.577 MHz Total Power 40.8 dBm Transmit Freq Error 22.466 kHz OBW Power 99.00 % x dB Bandwidth 14.57 MHz x dB -26.00 dB FREQ (STATUS)		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Gate: LO #IF Gain: Low #Atten: 30 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS Frequency Center Freq 2.593000000 GHz CF Step 3.000000 MHz Auto Ma Center 2.593 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.594 MHz Total Power 40.8 dBm Transmit Freq Error 34.106 kHz OBW Power 99.00 % x dB Bandwidth 14.81 MHz x dB -26.00 dB FREQ (STATUS)	
Mod.	Channel	Mod.	Channel
64QAM	High	256QAM	Low
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.682500000 GHz Gate: LO #IF Gain: Low #Atten: 30 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS Frequency Center Freq 2.682500000 GHz CF Step 3.000000 MHz Auto Ma Center 2.683 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.728 MHz Total Power 40.9 dBm Transmit Freq Error -1.968 kHz OBW Power 99.00 % x dB Bandwidth 14.76 MHz x dB -26.00 dB FREQ (STATUS)		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.503500000 GHz Gate: LO #IF Gain: Low #Atten: 30 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS Frequency Center Freq 2.503500000 GHz CF Step 3.000000 MHz Auto Ma Center 2.504 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.869 MHz Total Power 40.6 dBm Transmit Freq Error -41.561 kHz OBW Power 99.00 % x dB Bandwidth 14.69 MHz x dB -26.00 dB FREQ (STATUS)	

Plot Data for Output Port 3

Mod.	Channel	Mod.	Channel
QPSK	Middle	16QAM	Middle
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Center Freq: 2.593000000 GHz Radio Std: None Trig: Free Run AvgHold: 100/100 Radio Device: BTS Frequency Center Freq 2.593000000 GHz CF Step 3.000000 MHz Auto Center 2.593 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.515 MHz Total Power 41.2 dBm Transmit Freq Error -135.02 kHz OBW Power 99.00 % x dB Bandwidth 14.56 MHz x dB -26.00 dB STATUS		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.593000000 GHz Center Freq: 2.593000000 GHz Radio Std: None Trig: Free Run AvgHold: 100/100 Radio Device: BTS Frequency Center Freq 2.593000000 GHz CF Step 3.000000 MHz Auto Center 2.593 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.623 MHz Total Power 40.9 dBm Transmit Freq Error -18.358 kHz OBW Power 99.00 % x dB Bandwidth 14.80 MHz x dB -26.00 dB STATUS	
64QAM	High	256QAM	Low
 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.682500000 GHz Center Freq: 2.682500000 GHz Radio Std: None Trig: Free Run AvgHold: 100/100 Radio Device: BTS Frequency Center Freq 2.682500000 GHz CF Step 3.000000 MHz Auto Center 2.683 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.623 MHz Total Power 40.9 dBm Transmit Freq Error 40.960 kHz OBW Power 99.00 % x dB Bandwidth 14.68 MHz x dB -26.00 dB STATUS		 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.503500000 GHz Center Freq: 2.503500000 GHz Radio Std: None Trig: Free Run AvgHold: 100/100 Radio Device: BTS Frequency Center Freq 2.503500000 GHz CF Step 3.000000 MHz Auto Center 2.504 GHz #Res BW 620 kHz #VBW 1.8 MHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 13.643 MHz Total Power 40.5 dBm Transmit Freq Error -67.619 kHz OBW Power 99.00 % x dB Bandwidth 14.64 MHz x dB -26.00 dB STATUS	