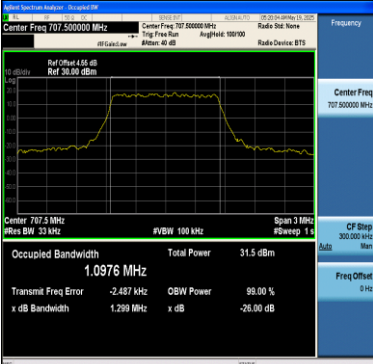
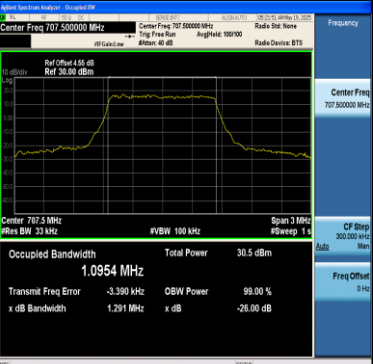
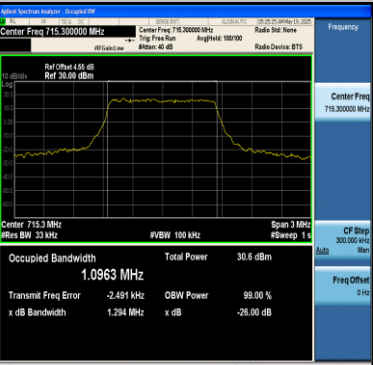
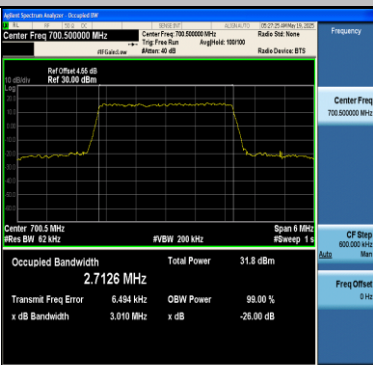
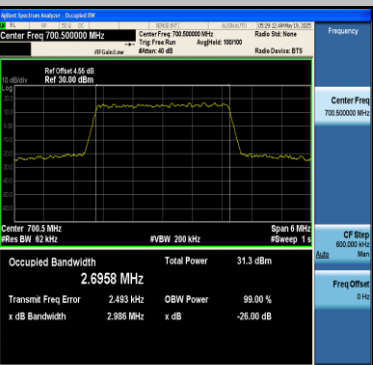
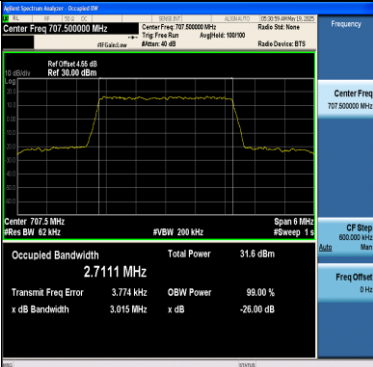
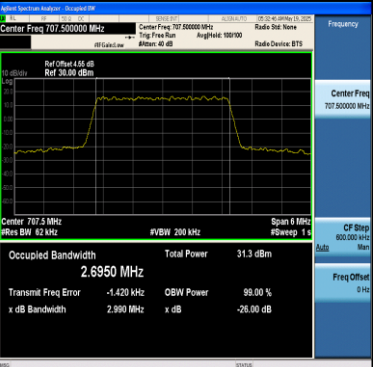
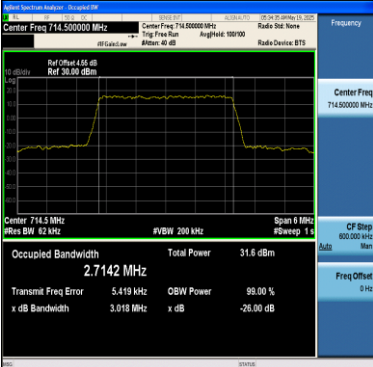
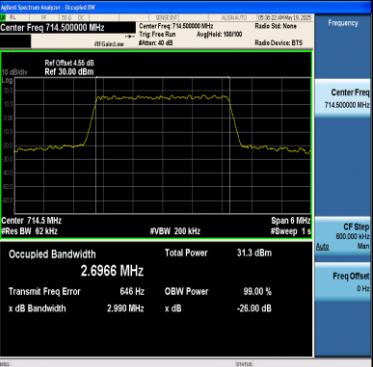
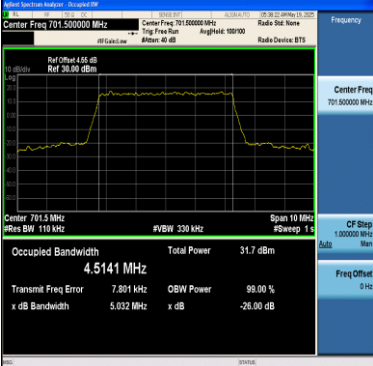
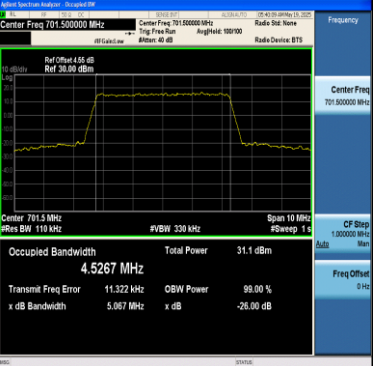
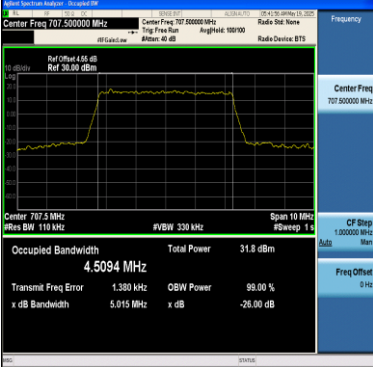
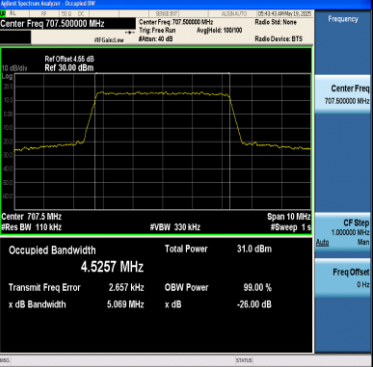
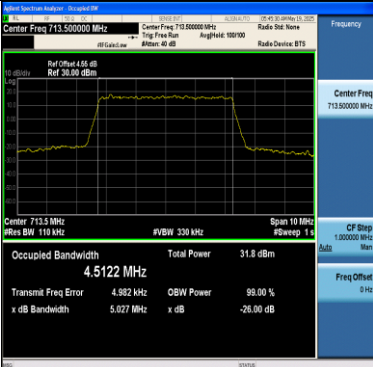
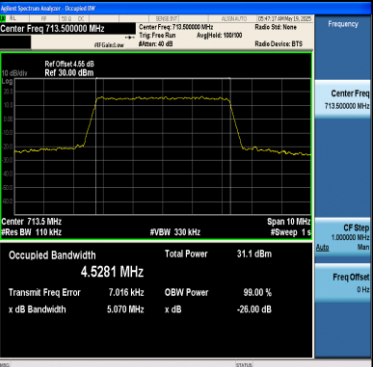
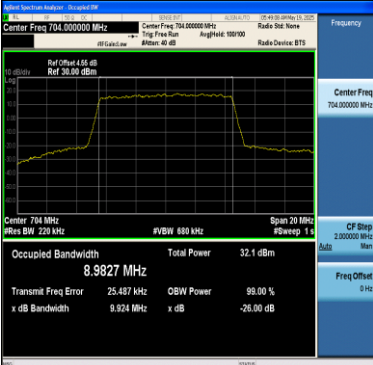
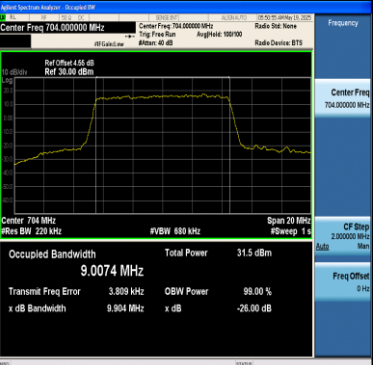
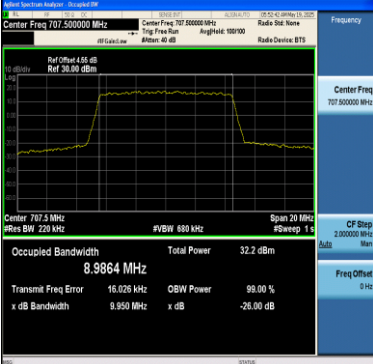
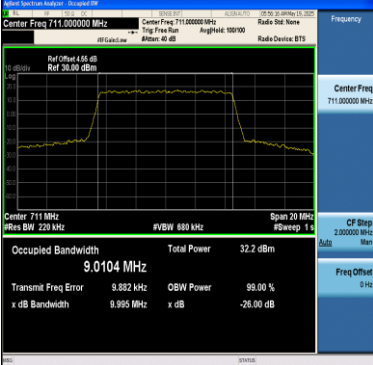
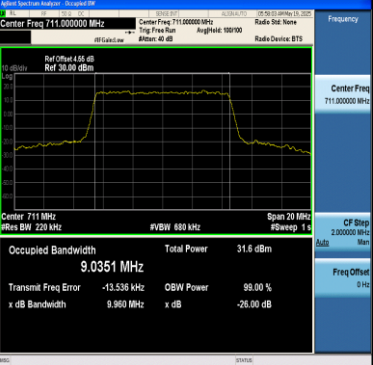


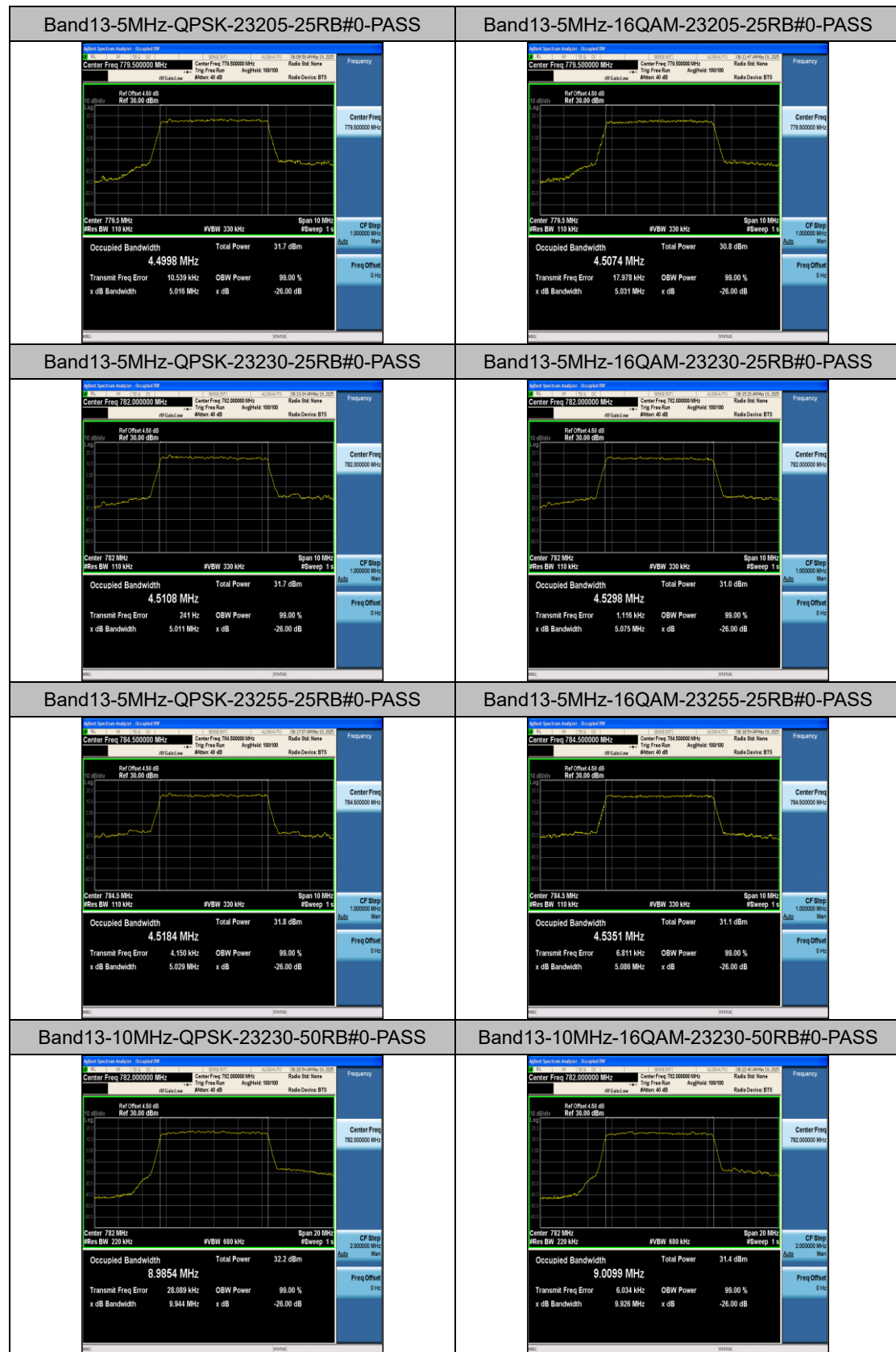
LTE Band 12 Test Graph

Band12-1.4MHz-QPSK-23017-6RB#0-PASS	Band12-1.4MHz-16QAM-23017-6RB#0-PASS
 Center Freq: 699.700000 MHz Occupied Bandwidth: 1.0982 MHz Total Power: 31.5 dBm Transmit Freq Error: -1.553 kHz OSW Power: 99.00%	 Center Freq: 699.700000 MHz Occupied Bandwidth: 1.0949 MHz Total Power: 30.5 dBm Transmit Freq Error: -2.811 kHz OSW Power: 99.00%
Band12-1.4MHz-QPSK-23095-6RB#0-PASS	Band12-1.4MHz-16QAM-23095-6RB#0-PASS
 Center Freq: 707.500000 MHz Occupied Bandwidth: 1.0976 MHz Total Power: 31.5 dBm Transmit Freq Error: -2.487 kHz OSW Power: 99.00%	 Center Freq: 707.500000 MHz Occupied Bandwidth: 1.0954 MHz Total Power: 30.5 dBm Transmit Freq Error: -3.390 kHz OSW Power: 99.00%
Band12-1.4MHz-QPSK-23173-6RB#0-PASS	Band12-1.4MHz-16QAM-23173-6RB#0-PASS
 Center Freq: 715.300000 MHz Occupied Bandwidth: 1.0990 MHz Total Power: 31.5 dBm Transmit Freq Error: -1.897 kHz OSW Power: 99.00%	 Center Freq: 715.300000 MHz Occupied Bandwidth: 1.0963 MHz Total Power: 30.6 dBm Transmit Freq Error: -2.491 kHz OSW Power: 99.00%
Band12-3MHz-QPSK-23025-15RB#0-PASS	Band12-3MHz-16QAM-23025-15RB#0-PASS
 Center Freq: 700.500000 MHz Occupied Bandwidth: 2.7126 MHz Total Power: 31.8 dBm Transmit Freq Error: 6.494 kHz OSW Power: 99.00%	 Center Freq: 700.500000 MHz Occupied Bandwidth: 2.6958 MHz Total Power: 31.3 dBm Transmit Freq Error: 2.493 kHz OSW Power: 99.00%

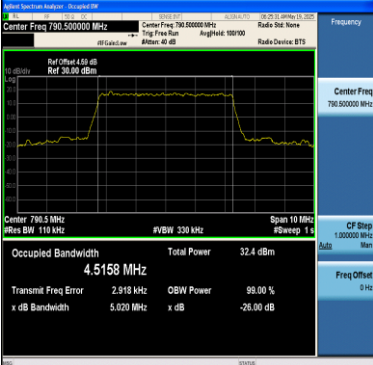
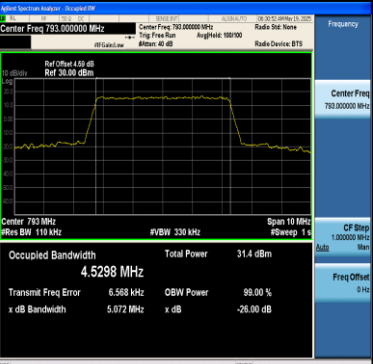
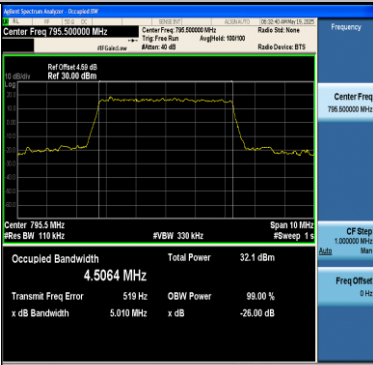
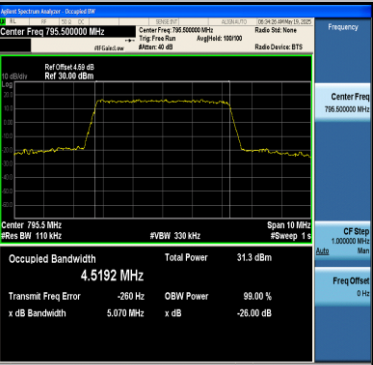
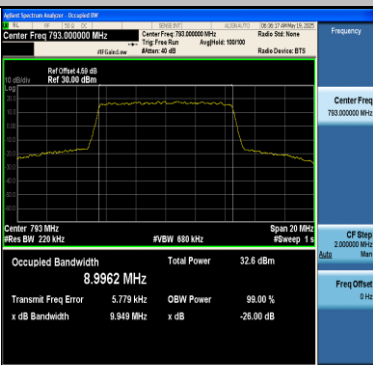
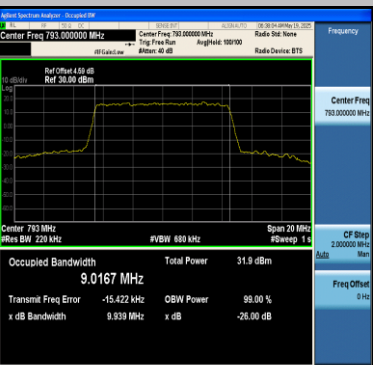
Band12-3MHz-QPSK-23095-15RB#0-PASS  Center Freq: 707.500000 MHz Span: 6 MHz Res BW: 62 kHz #VBW: 200 kHz #Sweep: 1 s Occupied Bandwidth: 2.711 MHz Total Power: 31.6 dBm Transmit Freq Error: 3.774 kHz x dB Bandwidth: 3.015 MHz	Band12-3MHz-16QAM-23095-15RB#0-PASS  Center Freq: 707.500000 MHz Span: 6 MHz Res BW: 62 kHz #VBW: 200 kHz #Sweep: 1 s Occupied Bandwidth: 2.6950 MHz Total Power: 31.3 dBm Transmit Freq Error: -1.420 kHz x dB Bandwidth: 2.900 MHz
Band12-3MHz-QPSK-23165-15RB#0-PASS  Center Freq: 714.500000 MHz Span: 6 MHz Res BW: 62 kHz #VBW: 200 kHz #Sweep: 1 s Occupied Bandwidth: 2.7142 MHz Total Power: 31.6 dBm Transmit Freq Error: 5.419 kHz x dB Bandwidth: 3.018 MHz	Band12-3MHz-16QAM-23165-15RB#0-PASS  Center Freq: 714.500000 MHz Span: 6 MHz Res BW: 62 kHz #VBW: 200 kHz #Sweep: 1 s Occupied Bandwidth: 2.6966 MHz Total Power: 31.3 dBm Transmit Freq Error: 640 Hz x dB Bandwidth: 2.900 MHz
Band12-5MHz-QPSK-23035-25RB#0-PASS  Center Freq: 701.500000 MHz Span: 10 MHz Res BW: 110 kHz #VBW: 330 kHz #Sweep: 1 s Occupied Bandwidth: 4.5141 MHz Total Power: 31.7 dBm Transmit Freq Error: 7.801 kHz x dB Bandwidth: 5.032 MHz	Band12-5MHz-16QAM-23035-25RB#0-PASS  Center Freq: 701.500000 MHz Span: 10 MHz Res BW: 110 kHz #VBW: 330 kHz #Sweep: 1 s Occupied Bandwidth: 4.5267 MHz Total Power: 31.1 dBm Transmit Freq Error: 11.322 kHz x dB Bandwidth: 5.067 MHz
Band12-5MHz-QPSK-23095-25RB#0-PASS  Center Freq: 707.500000 MHz Span: 10 MHz Res BW: 110 kHz #VBW: 330 kHz #Sweep: 1 s Occupied Bandwidth: 4.5094 MHz Total Power: 31.8 dBm Transmit Freq Error: 1.380 kHz x dB Bandwidth: 5.015 MHz	Band12-5MHz-16QAM-23095-25RB#0-PASS  Center Freq: 707.500000 MHz Span: 10 MHz Res BW: 110 kHz #VBW: 330 kHz #Sweep: 1 s Occupied Bandwidth: 4.5257 MHz Total Power: 31.0 dBm Transmit Freq Error: 2.657 kHz x dB Bandwidth: 5.069 MHz

Band12-5MHz-QPSK-23155-25RB#0-PASS  Center Freq 713.500000 MHz Span 10 MHz #Fires BW 110 kHz #VBW 330 kHz #Sweep 1 s CF Step 1.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 4.5122 MHz Total Power 31.8 dBm Transmit Freq Error 4.882 kHz x dB Bandwidth 5.027 MHz OBW Power 99.00 % x dB -26.00 dB	Band12-5MHz-16QAM-23155-25RB#0-PASS  Center Freq 713.500000 MHz Span 10 MHz #Fires BW 110 kHz #VBW 330 kHz #Sweep 1 s CF Step 1.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 4.5281 MHz Total Power 31.1 dBm Transmit Freq Error 7.816 kHz x dB Bandwidth 5.070 MHz OBW Power 99.00 % x dB -26.00 dB
Band12-10MHz-QPSK-23060-50RB#0-PASS  Center Freq 704.000000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 8.9827 MHz Total Power 32.1 dBm Transmit Freq Error 25.487 kHz x dB Bandwidth 9.924 MHz OBW Power 99.00 % x dB -26.00 dB	Band12-10MHz-16QAM-23060-50RB#0-PASS  Center Freq 704.000000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 9.0074 MHz Total Power 31.5 dBm Transmit Freq Error 3.009 kHz x dB Bandwidth 9.904 MHz OBW Power 99.00 % x dB -26.00 dB
Band12-10MHz-QPSK-23095-50RB#0-PASS  Center Freq 707.500000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 8.9864 MHz Total Power 32.2 dBm Transmit Freq Error 16.029 kHz x dB Bandwidth 9.950 MHz OBW Power 99.00 % x dB -26.00 dB	Band12-10MHz-16QAM-23095-50RB#0-PASS  Center Freq 707.500000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 9.0109 MHz Total Power 31.5 dBm Transmit Freq Error -6.096 kHz x dB Bandwidth 9.944 MHz OBW Power 99.00 % x dB -26.00 dB
Band12-10MHz-QPSK-23130-50RB#0-PASS  Center Freq 711.000000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 9.0104 MHz Total Power 32.2 dBm Transmit Freq Error 9.882 kHz x dB Bandwidth 9.995 MHz OBW Power 99.00 % x dB -26.00 dB	Band12-10MHz-16QAM-23130-50RB#0-PASS  Center Freq 711.000000 MHz Span 20 MHz #Fires BW 220 kHz #VBW 680 kHz #Sweep 1 s CF Step 2.000000 MHz Freq Offset 0 Hz Occupied Bandwidth 9.0351 MHz Total Power 31.6 dBm Transmit Freq Error -13.536 kHz x dB Bandwidth 9.960 MHz OBW Power 99.00 % x dB -26.00 dB

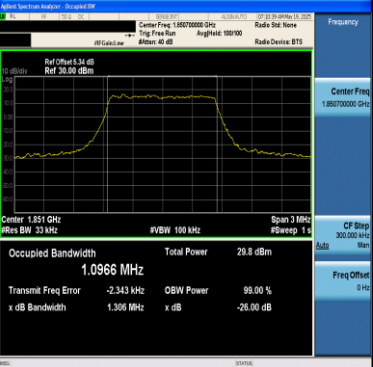
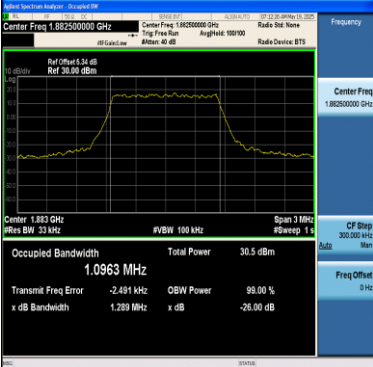
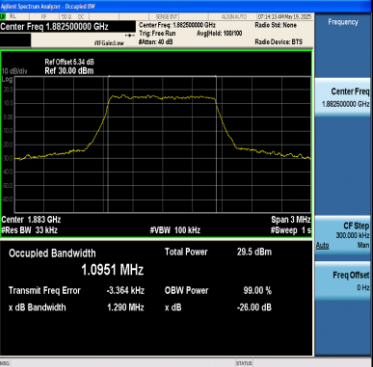
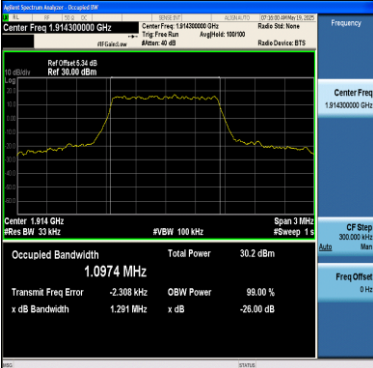
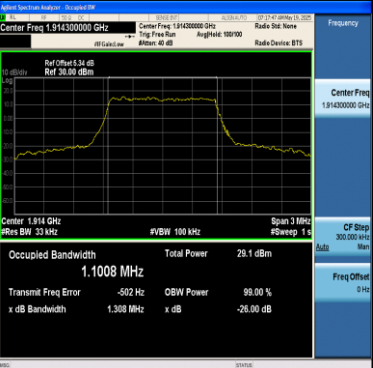
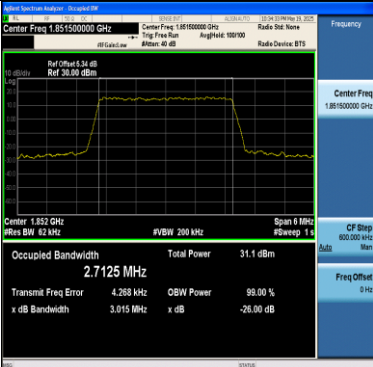
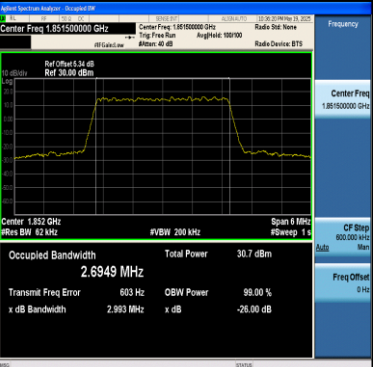
LTE Band 13 Test Graph

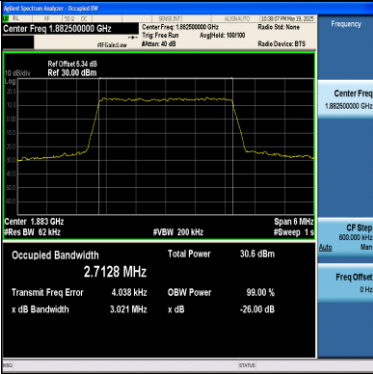
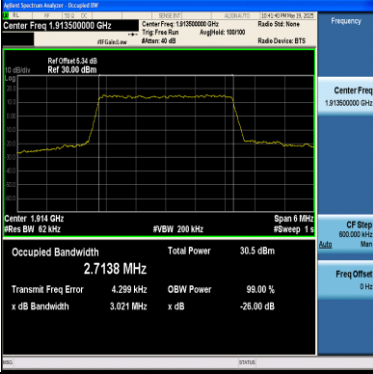
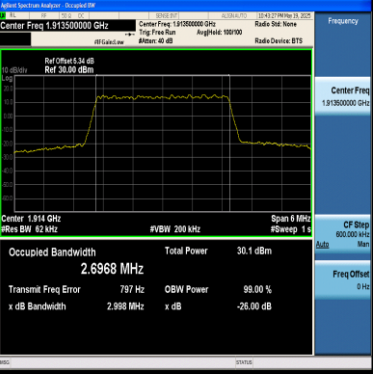
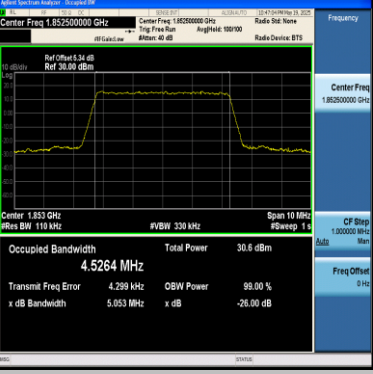


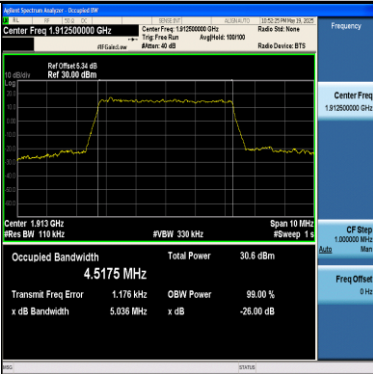
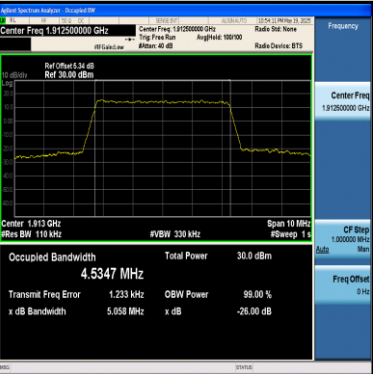
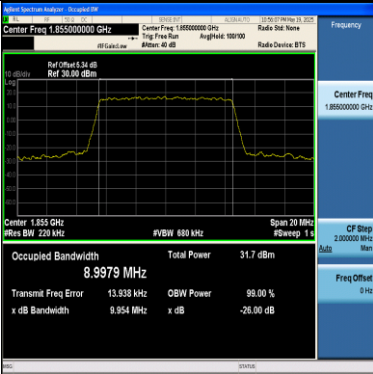
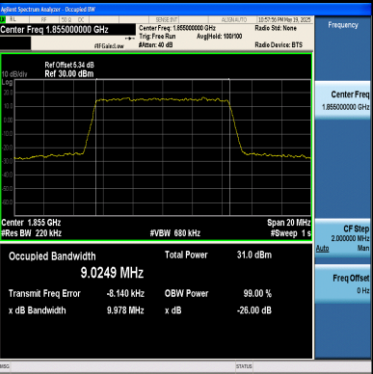
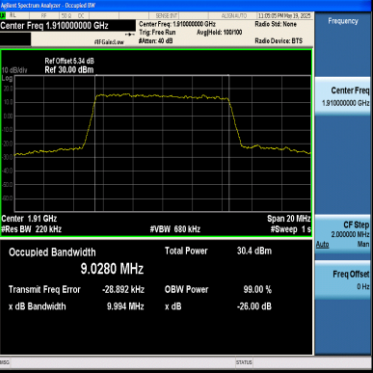
LTE Band 14 Test Graphs

Band14-5MHz-QPSK-23305-25RB#0-PASS	Band14-5MHz-16QAM-23305-25RB#0-PASS
 Center Freq 730.500000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5158 MHz Total Power 32.4 dBm Transmit Freq Error 2.918 kHz OSW Power 99.00 % x dB Bandwidth 5.020 MHz x dB -26.00 dB	 Center Freq 730.500000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5344 MHz Total Power 31.5 dBm Transmit Freq Error 4.100 kHz OSW Power 99.00 % x dB Bandwidth 5.077 MHz x dB -26.00 dB
Band14-5MHz-QPSK-23330-25RB#0-PASS	Band14-5MHz-16QAM-23330-25RB#0-PASS
 Center Freq 733.000000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5127 MHz Total Power 32.2 dBm Transmit Freq Error 4.402 kHz OSW Power 99.00 % x dB Bandwidth 5.015 MHz x dB -26.00 dB	 Center Freq 733.000000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5298 MHz Total Power 31.4 dBm Transmit Freq Error 6.568 kHz OSW Power 99.00 % x dB Bandwidth 5.072 MHz x dB -26.00 dB
Band14-5MHz-QPSK-23355-25RB#0-PASS	Band14-5MHz-16QAM-23355-25RB#0-PASS
 Center Freq 735.500000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5064 MHz Total Power 32.1 dBm Transmit Freq Error 519 Hz OSW Power 99.00 % x dB Bandwidth 5.010 MHz x dB -26.00 dB	 Center Freq 735.500000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 4.5192 MHz Total Power 31.3 dBm Transmit Freq Error -260 Hz OSW Power 99.00 % x dB Bandwidth 5.070 MHz x dB -26.00 dB
Band14-10MHz-QPSK-23330-50RB#0-PASS	Band14-10MHz-16QAM-23330-50RB#0-PASS
 Center Freq 733.000000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 8.9962 MHz Total Power 32.6 dBm Transmit Freq Error 5.779 kHz OSW Power 99.00 % x dB Bandwidth 9.949 MHz x dB -26.00 dB	 Center Freq 733.000000 MHz Ref Offset 4.00 dB Ref 30.00 dBm Occupied Bandwidth 9.0167 MHz Total Power 31.9 dBm Transmit Freq Error -15.422 kHz OSW Power 99.00 % x dB Bandwidth 9.939 MHz x dB -26.00 dB

LTE Band 25 Test Graphs

Band25-1.4MHz-QPSK-26047-6RB#0-PASS	Band25-1.4MHz-16QAM-26047-6RB#0-PASS
 Center Freq 1.850700000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.0966 MHz Total Power 30.9 dBm Transmit Freq Error -2.520 kHz OSW Power 99.00 % x dB Bandwidth 1.293 MHz x dB -26.00 dB	 Center Freq 1.850700000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.0966 MHz Total Power 29.8 dBm Transmit Freq Error -2.343 kHz OSW Power 99.00 % x dB Bandwidth 1.306 MHz x dB -26.00 dB
Band25-1.4MHz-QPSK-26365-6RB#0-PASS	Band25-1.4MHz-16QAM-26365-6RB#0-PASS
 Center Freq 1.882500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.0963 MHz Total Power 30.5 dBm Transmit Freq Error -2.491 kHz OSW Power 99.00 % x dB Bandwidth 1.289 MHz x dB -26.00 dB	 Center Freq 1.882500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.0951 MHz Total Power 29.5 dBm Transmit Freq Error -3.364 kHz OSW Power 99.00 % x dB Bandwidth 1.290 MHz x dB -26.00 dB
Band25-1.4MHz-QPSK-26683-6RB#0-PASS	Band25-1.4MHz-16QAM-26683-6RB#0-PASS
 Center Freq 1.914300000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.0974 MHz Total Power 30.2 dBm Transmit Freq Error -2.308 kHz OSW Power 99.00 % x dB Bandwidth 1.291 MHz x dB -26.00 dB	 Center Freq 1.914300000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 1.1008 MHz Total Power 28.1 dBm Transmit Freq Error -502 Hz OSW Power 99.00 % x dB Bandwidth 1.308 MHz x dB -26.00 dB
Band25-3MHz-QPSK-26055-15RB#0-PASS	Band25-3MHz-16QAM-26055-15RB#0-PASS
 Center Freq 1.851500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 2.7125 MHz Total Power 31.1 dBm Transmit Freq Error 4.268 kHz OSW Power 99.00 % x dB Bandwidth 3.015 MHz x dB -26.00 dB	 Center Freq 1.851500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 2.6949 MHz Total Power 30.7 dBm Transmit Freq Error 603 Hz OSW Power 99.00 % x dB Bandwidth 2.993 MHz x dB -26.00 dB

Band25-3MHz-QPSK-26365-15RB#0-PASS	Band25-3MHz-16QAM-26365-15RB#0-PASS
 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.88250000 GHz Span 6 MHz RBW 62 kHz VBW 200 kHz CF Step 600.000 MHz FSweep 1 s Occupied Bandwidth 2.7128 MHz Total Power 30.6 dBm Transmit Freq Error 4.038 kHz OSW Power 99.00 % x dB Bandwidth 3.021 MHz x dB -26.00 dB Freq Offset 0 Hz	 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.88250000 GHz Span 6 MHz RBW 62 kHz VBW 200 kHz CF Step 600.000 MHz FSweep 1 s Occupied Bandwidth 2.6948 MHz Total Power 30.3 dBm Transmit Freq Error 640 Hz OSW Power 99.00 % x dB Bandwidth 2.994 MHz x dB -26.00 dB Freq Offset 0 Hz
Band25-3MHz-QPSK-26675-15RB#0-PASS	Band25-3MHz-16QAM-26675-15RB#0-PASS
 Center Freq 1.91350000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.91350000 GHz Span 6 MHz RBW 62 kHz VBW 200 kHz CF Step 600.000 MHz FSweep 1 s Occupied Bandwidth 2.7138 MHz Total Power 30.5 dBm Transmit Freq Error 4.299 kHz OSW Power 99.00 % x dB Bandwidth 3.021 MHz x dB -26.00 dB Freq Offset 0 Hz	 Center Freq 1.91350000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.91350000 GHz Span 6 MHz RBW 62 kHz VBW 200 kHz CF Step 600.000 MHz FSweep 1 s Occupied Bandwidth 2.6968 MHz Total Power 30.1 dBm Transmit Freq Error 797 Hz OSW Power 99.00 % x dB Bandwidth 2.998 MHz x dB -26.00 dB Freq Offset 0 Hz
Band25-5MHz-QPSK-26065-25RB#0-PASS	Band25-5MHz-16QAM-26065-25RB#0-PASS
 Center Freq 1.85250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.85250000 GHz Span 10 MHz RBW 110 kHz VBW 330 kHz CF Step 1.00000 MHz FSweep 1 s Occupied Bandwidth 4.5121 MHz Total Power 31.3 dBm Transmit Freq Error 3.343 kHz OSW Power 99.00 % x dB Bandwidth 5.021 MHz x dB -26.00 dB Freq Offset 0 Hz	 Center Freq 1.85250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.85250000 GHz Span 10 MHz RBW 110 kHz VBW 330 kHz CF Step 1.00000 MHz FSweep 1 s Occupied Bandwidth 4.5264 MHz Total Power 30.6 dBm Transmit Freq Error 4.299 kHz OSW Power 99.00 % x dB Bandwidth 5.053 MHz x dB -26.00 dB Freq Offset 0 Hz
Band25-5MHz-QPSK-26365-25RB#0-PASS	Band25-5MHz-16QAM-26365-25RB#0-PASS
 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.88250000 GHz Span 10 MHz RBW 110 kHz VBW 330 kHz CF Step 1.00000 MHz FSweep 1 s Occupied Bandwidth 4.5144 MHz Total Power 30.7 dBm Transmit Freq Error 2.824 kHz OSW Power 99.00 % x dB Bandwidth 5.034 MHz x dB -26.00 dB Freq Offset 0 Hz	 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Center Freq 1.88250000 GHz Span 10 MHz RBW 110 kHz VBW 330 kHz CF Step 1.00000 MHz FSweep 1 s Occupied Bandwidth 4.5250 MHz Total Power 30.1 dBm Transmit Freq Error 3.438 kHz OSW Power 99.00 % x dB Bandwidth 5.054 MHz x dB -26.00 dB Freq Offset 0 Hz

Band25-5MHz-QPSK-26665-25RB#0-PASS	Band25-5MHz-16QAM-26665-25RB#0-PASS
 Center Freq 1.91250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 4.5175 MHz Total Power 30.6 dBm Transmit Freq Error 1.176 kHz OBW Power 99.00 % x dB Bandwidth 5.036 MHz x dB -26.00 dB	 Center Freq 1.91250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 4.5347 MHz Total Power 30.0 dBm Transmit Freq Error 1.233 kHz OBW Power 99.00 % x dB Bandwidth 5.058 MHz x dB -26.00 dB
Band25-10MHz-QPSK-26090-50RB#0-PASS	Band25-10MHz-16QAM-26090-50RB#0-PASS
 Center Freq 1.85500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 8.9979 MHz Total Power 31.7 dBm Transmit Freq Error 13.938 kHz OBW Power 99.00 % x dB Bandwidth 9.954 MHz x dB -26.00 dB	 Center Freq 1.85500000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 9.0249 MHz Total Power 31.0 dBm Transmit Freq Error -8.140 kHz OBW Power 99.00 % x dB Bandwidth 9.978 MHz x dB -26.00 dB
Band25-10MHz-QPSK-26365-50RB#0-PASS	Band25-10MHz-16QAM-26365-50RB#0-PASS
 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 8.9965 MHz Total Power 31.2 dBm Transmit Freq Error 9.304 kHz OBW Power 99.00 % x dB Bandwidth 9.945 MHz x dB -26.00 dB	 Center Freq 1.88250000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 9.0210 MHz Total Power 30.6 dBm Transmit Freq Error -12.425 kHz OBW Power 99.00 % x dB Bandwidth 9.981 MHz x dB -26.00 dB
Band25-10MHz-QPSK-26640-50RB#0-PASS	Band25-10MHz-16QAM-26640-50RB#0-PASS
 Center Freq 1.91000000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 9.0028 MHz Total Power 31.1 dBm Transmit Freq Error -8.664 kHz OBW Power 99.00 % x dB Bandwidth 9.952 MHz x dB -26.00 dB	 Center Freq 1.91000000 GHz Ref Offset 5.34 dB Ref 30.00 dBm Occupied Bandwidth 9.0280 MHz Total Power 30.4 dBm Transmit Freq Error -28.892 kHz OBW Power 99.00 % x dB Bandwidth 9.994 MHz x dB -26.00 dB