OCCUPIED BANDWIDTH

LTE band 4

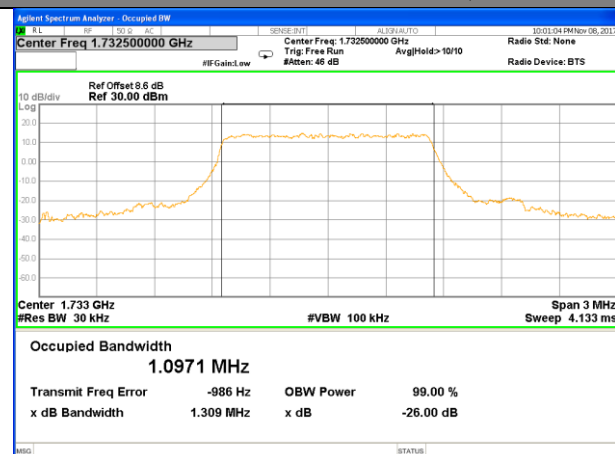| LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 1.4MHz / QPSK	Lowest Channel / 1.4MHz / 16QAM
Middle Channel / 1.4MHz / QPSK	Middle Channel / 1.4MHz / 16QAM
Highest Channel / 1.4MHz / QPSK	Highest Channel / 1.4MHz / 16QAM
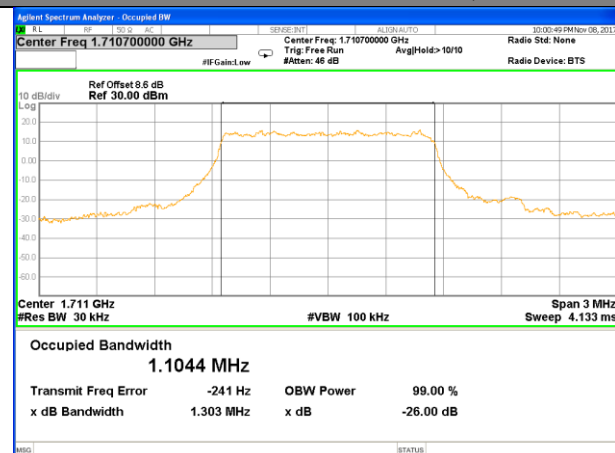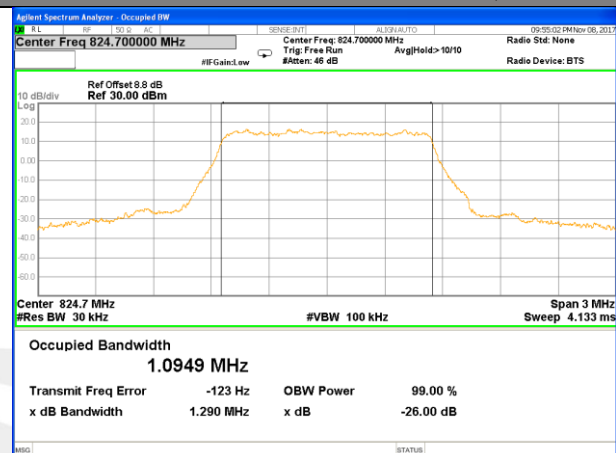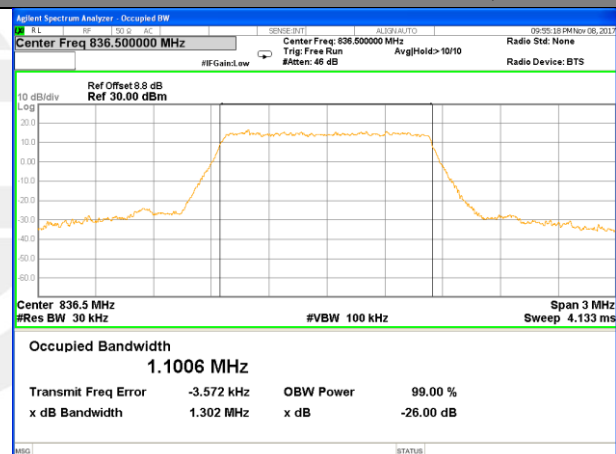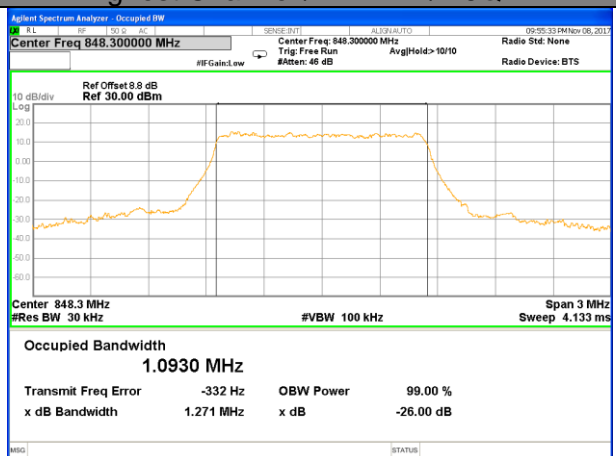
LTE band 4

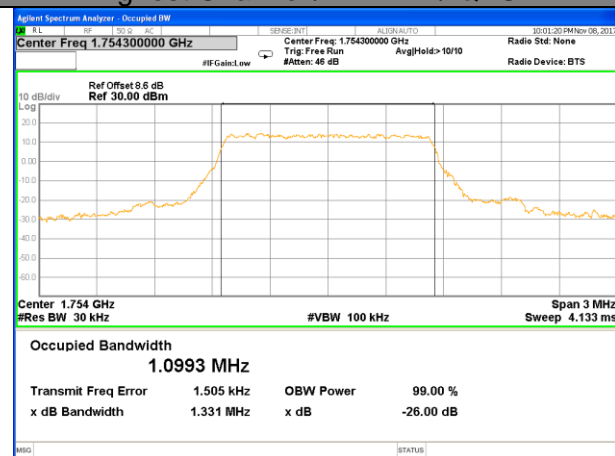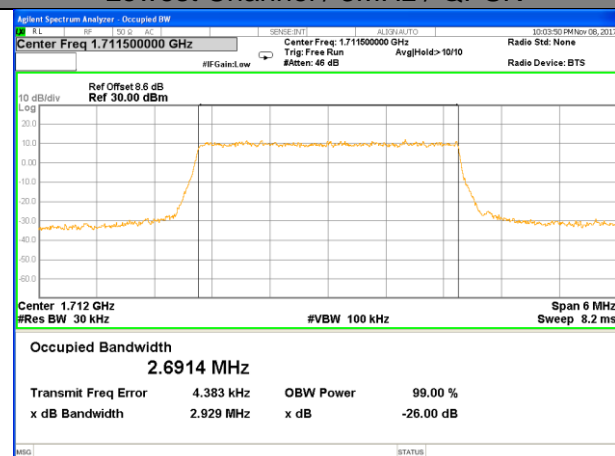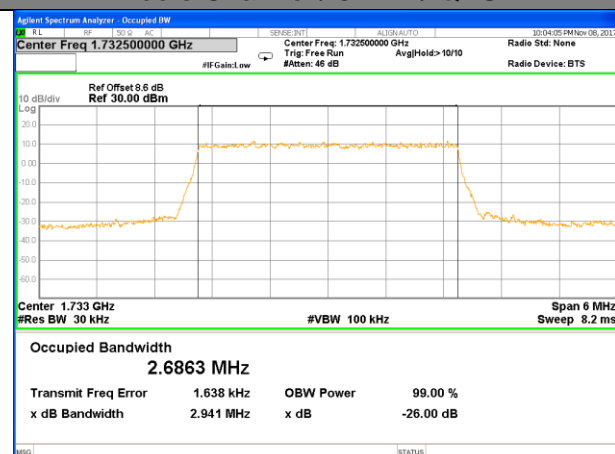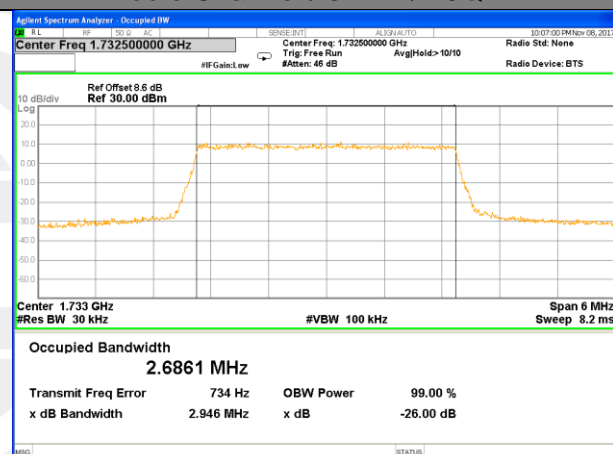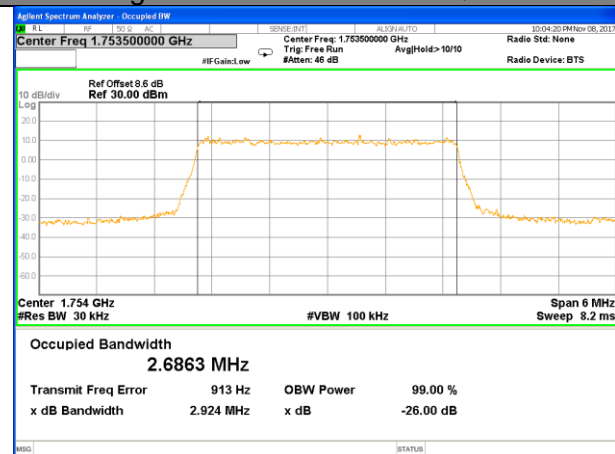| LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 3MHz / QPSK	Lowest Channel / 3MHz / 16QAM
Middle Channel / 3MHz / QPSK	Middle Channel / 3MHz / 16QAM
Highest Channel / 3MHz / QPSK	Highest Channel / 3MHz / 16QAM
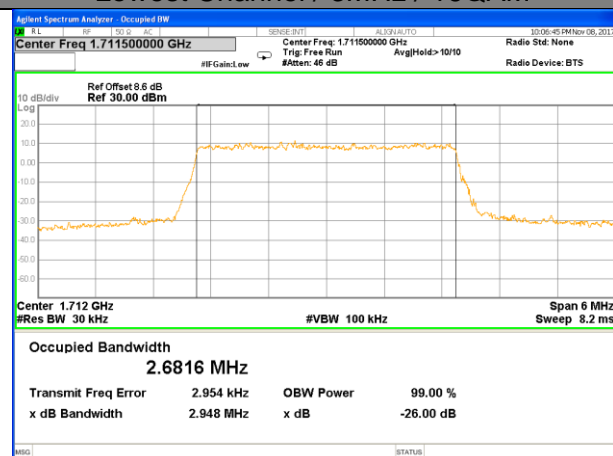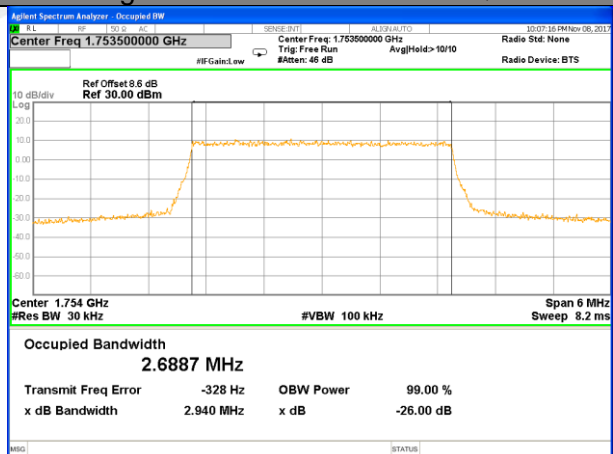
LTE band 4
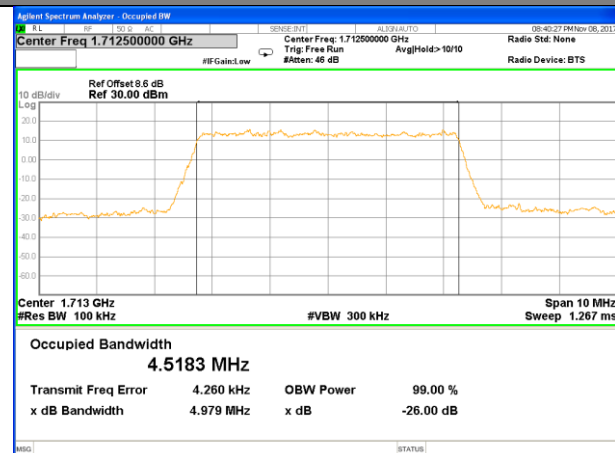
LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 5MHz / QPSK	**Lowest Channel / 5MHz / 16QAM**
Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
Highest Channel / 5MHz / QPSK	**Highest Channel / 5MHz / 16QAM**

LTE band 4

LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 10MHz / QPSK	**Lowest Channel / 10MHz / 16QAM**
Occupied Bandwidth **8.9381 MHz** Transmit Freq Error −5.574 kHz OBW Power 99.00 % x dB Bandwidth 9.730 MHz x dB −26.00 dB	Occupied Bandwidth **8.9383 MHz** Transmit Freq Error 4.139 kHz OBW Power 99.00 % x dB Bandwidth 9.641 MHz x dB −26.00 dB
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
Occupied Bandwidth **8.9506 MHz** Transmit Freq Error −2.760 kHz OBW Power 99.00 % x dB Bandwidth 9.749 MHz x dB −26.00 dB	Occupied Bandwidth **8.9341 MHz** Transmit Freq Error 3.664 kHz OBW Power 99.00 % x dB Bandwidth 9.624 MHz x dB −26.00 dB
Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
Occupied Bandwidth **8.9272 MHz** Transmit Freq Error 4.465 kHz OBW Power 99.00 % x dB Bandwidth 9.716 MHz x dB −26.00 dB	Occupied Bandwidth **8.9289 MHz** Transmit Freq Error −9.702 kHz OBW Power 99.00 % x dB Bandwidth 9.748 MHz x dB −26.00 dB
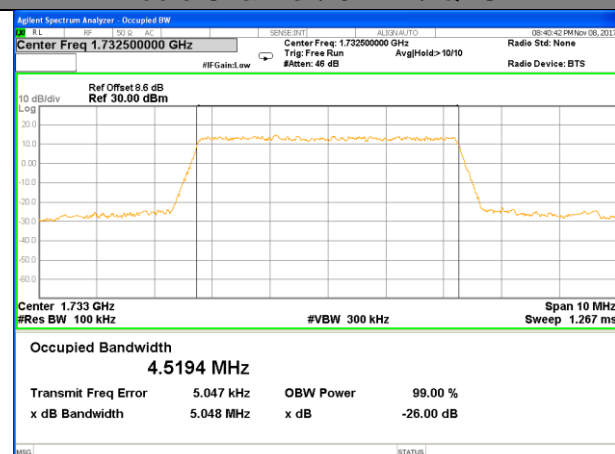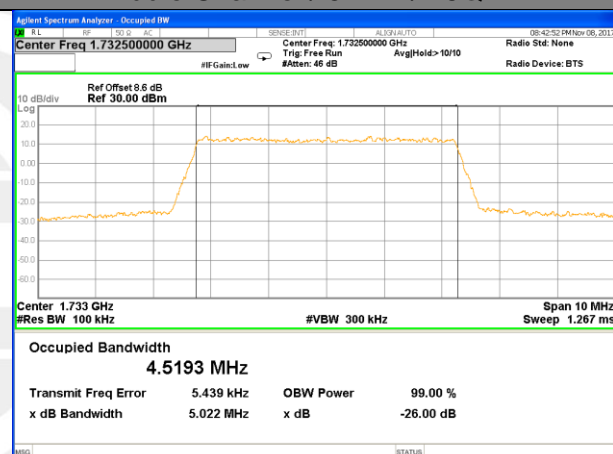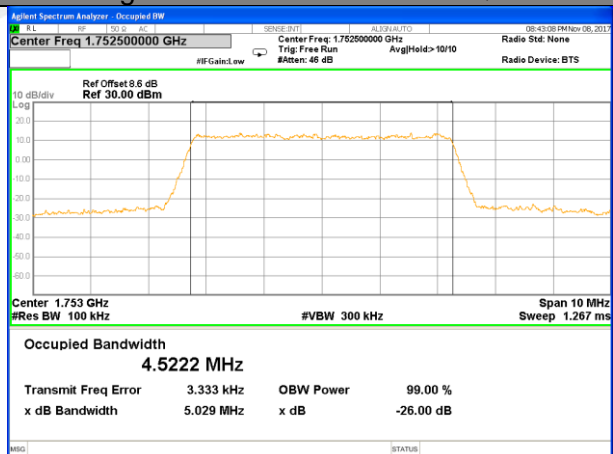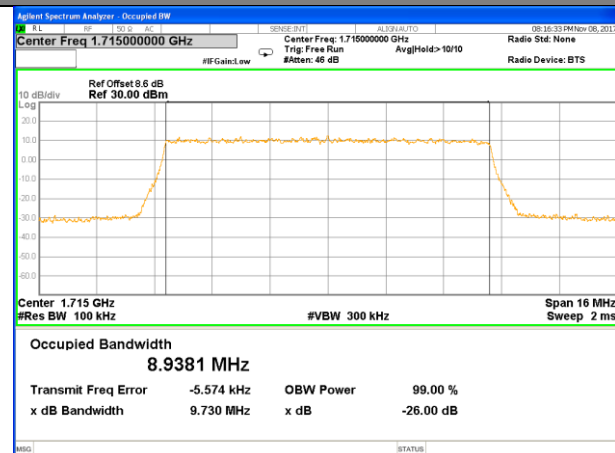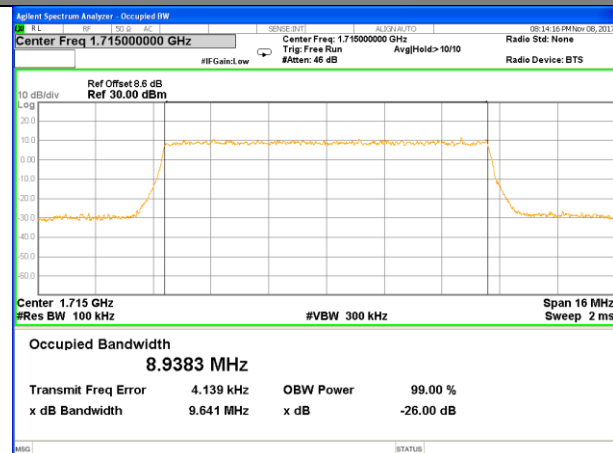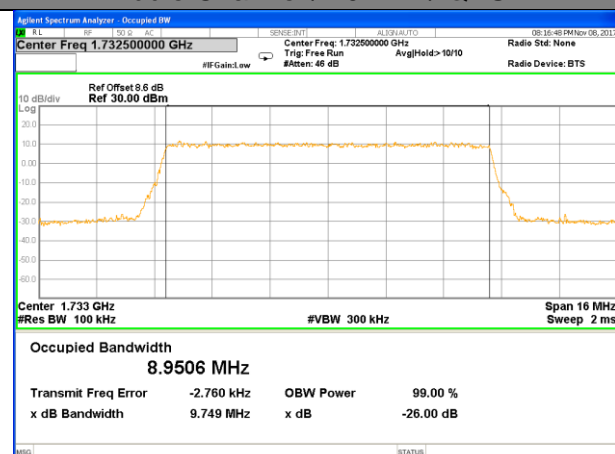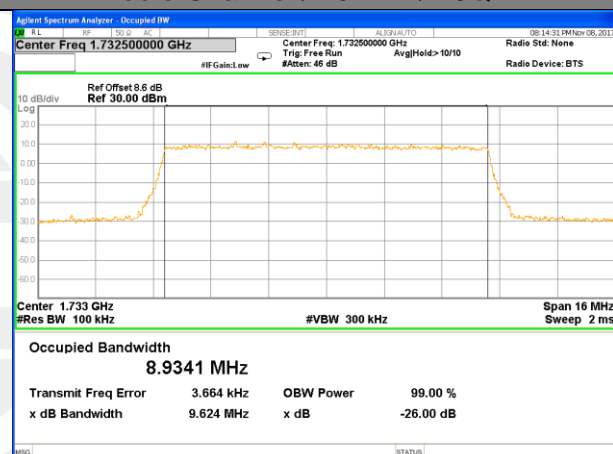
LTE band 4

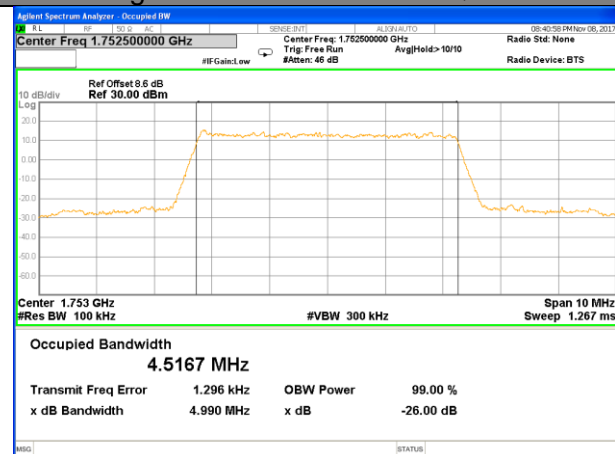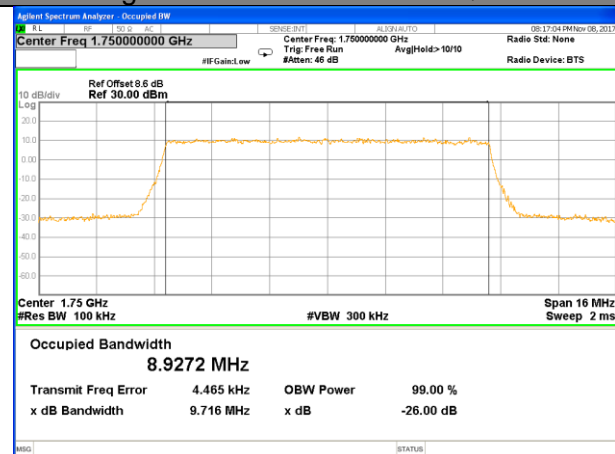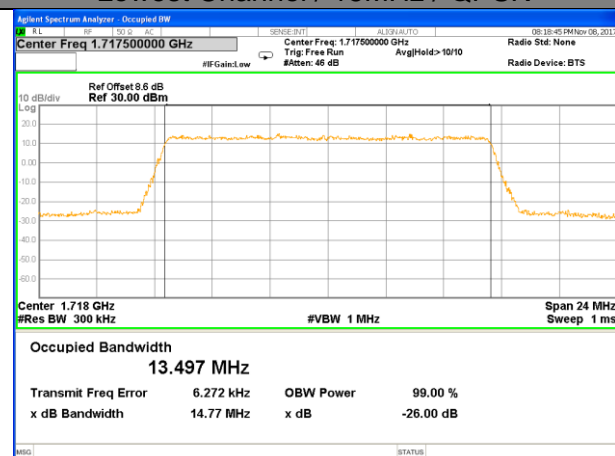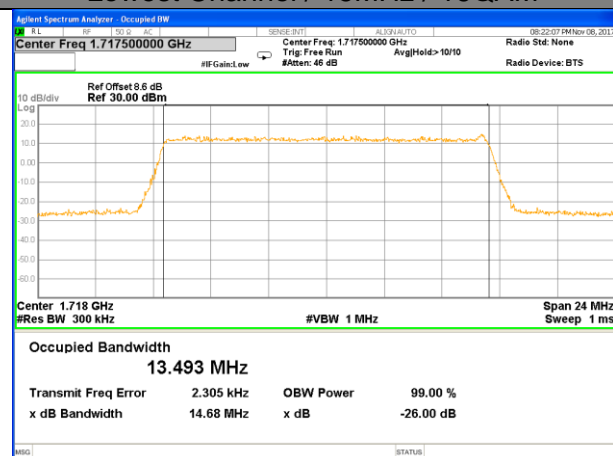| LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 15MHz / QPSK	Lowest Channel / 15MHz / 16QAM
Middle Channel / 15MHz / QPSK	Middle Channel / 15MHz / 16QAM
Highest Channel / 15MHz / QPSK	Highest Channel / 15MHz / 16QAM

LTE band 4
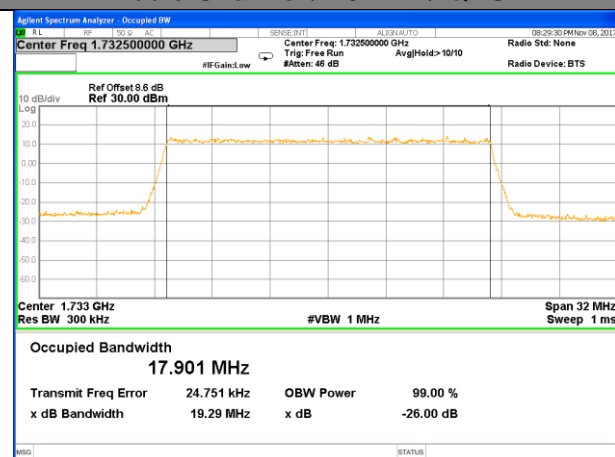
LTE band 4 (99% and -26 Bandwidth)	
Lowest Channel / 20MHz / QPSK	Lowest Channel / 20MHz / 16QAM
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
Highest Channel / 20MHz / QPSK	Highest Channel / 20MHz / 16QAM

LTE band 7

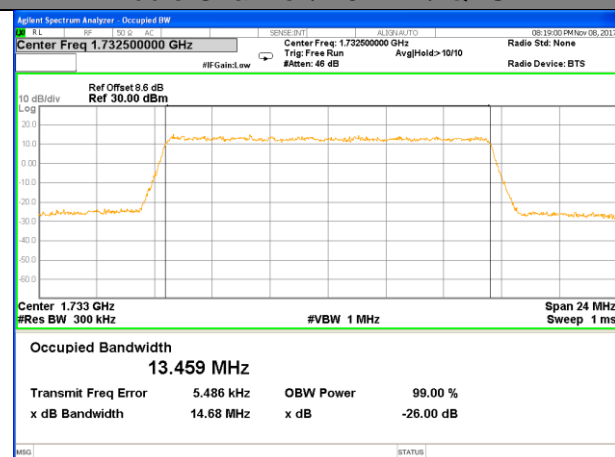| LTE band 7 (99% and -26 Bandwidth)	
Lowest Channel / 5MHz / QPSK	Lowest Channel / 5MHz / 16QAM
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
Highest Channel / 5MHz / QPSK	Highest Channel / 5MHz / 16QAM

LTE band 7

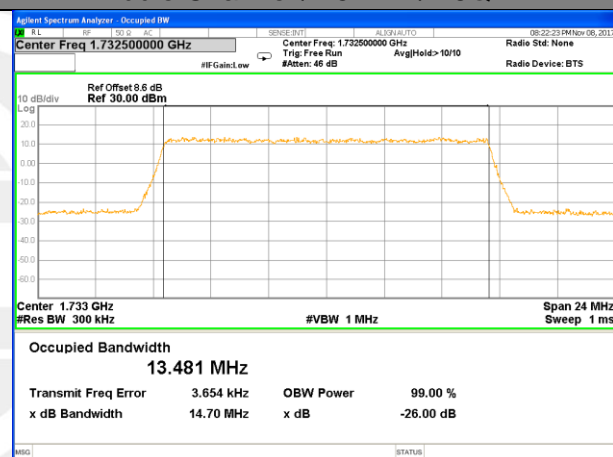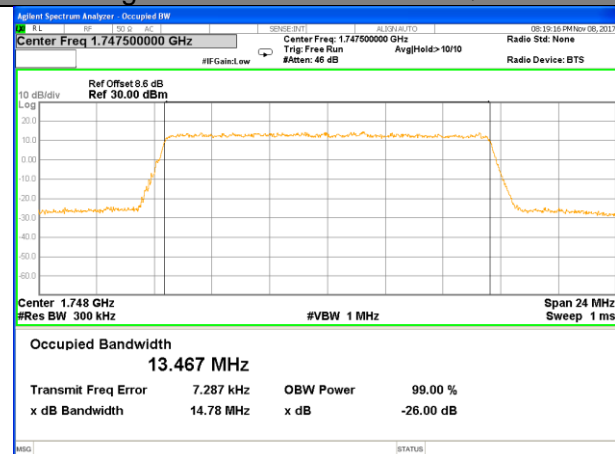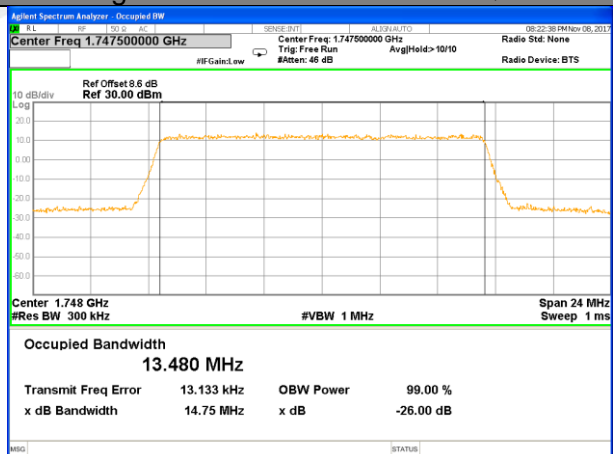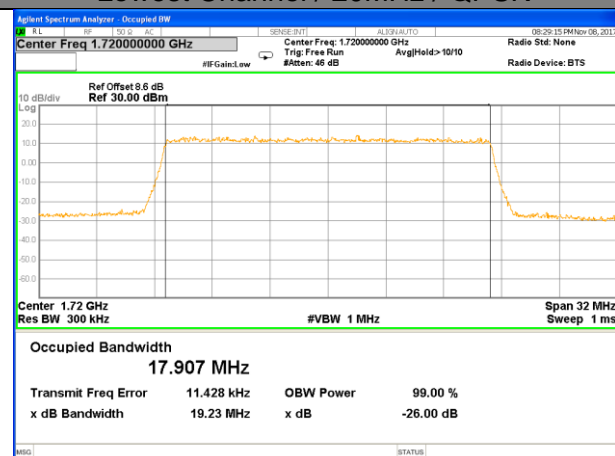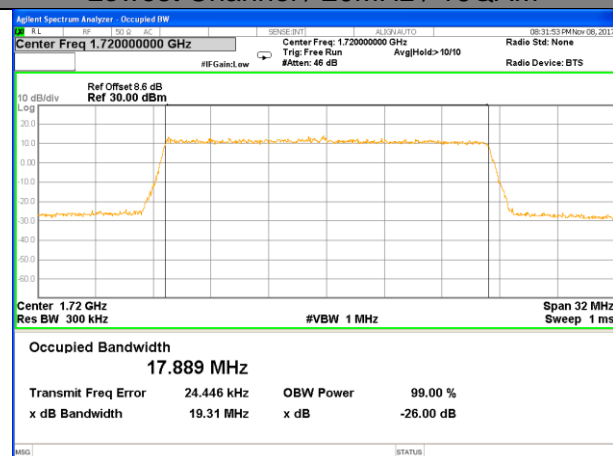## LTE band 7 (99% and -26 Bandwidth)
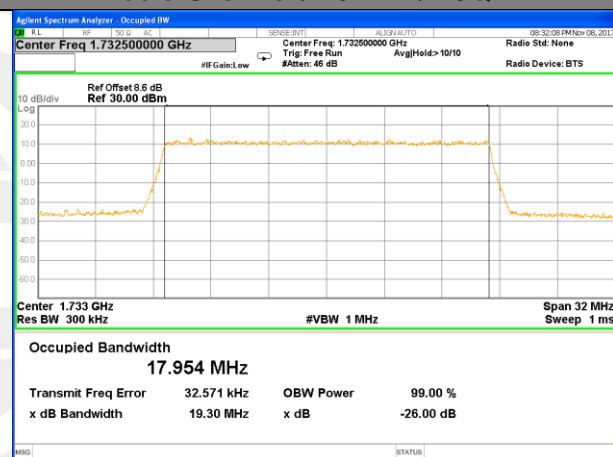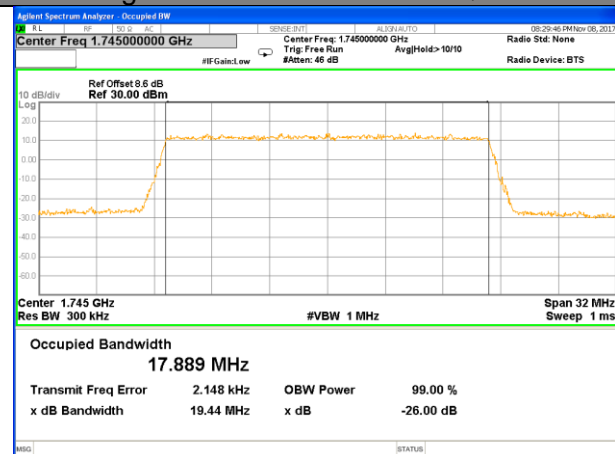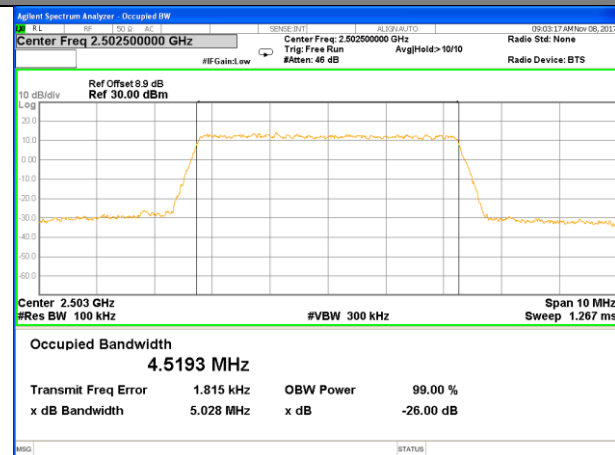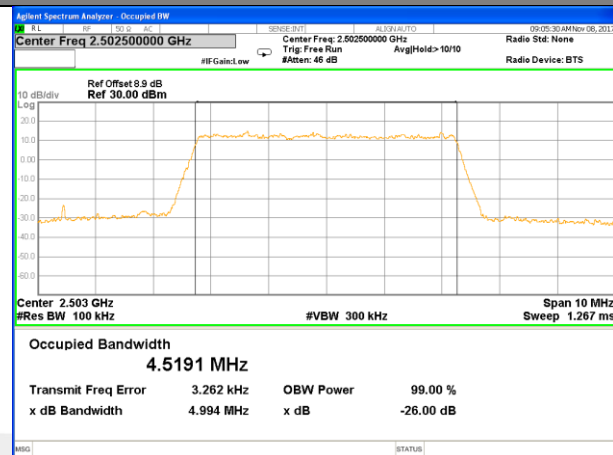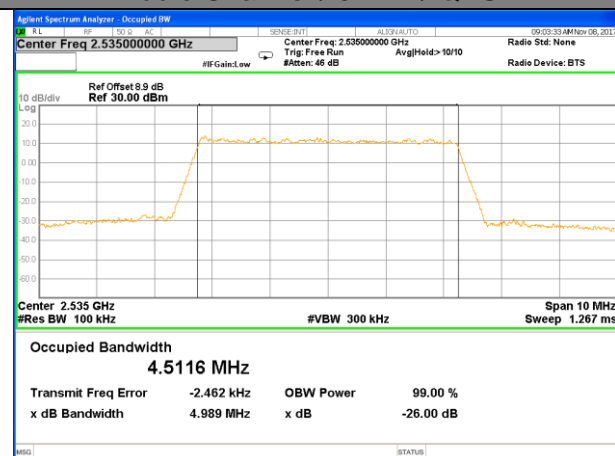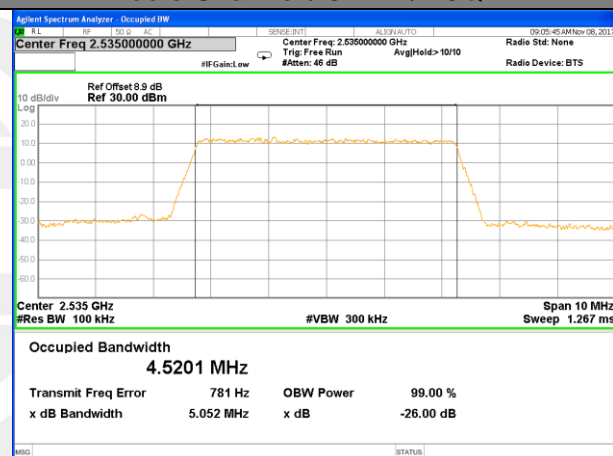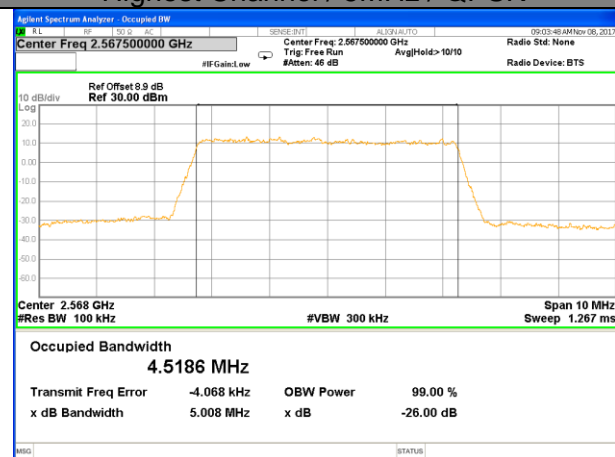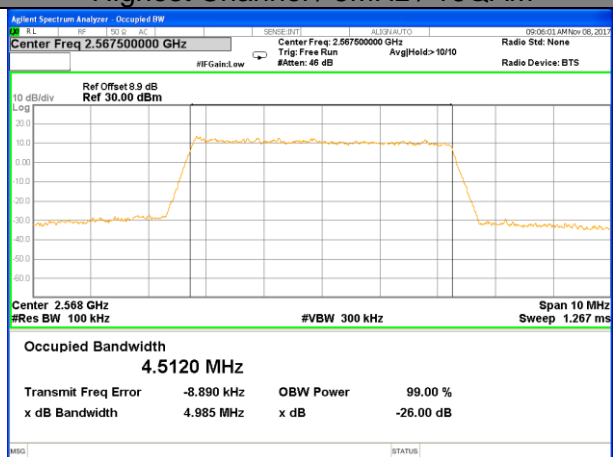
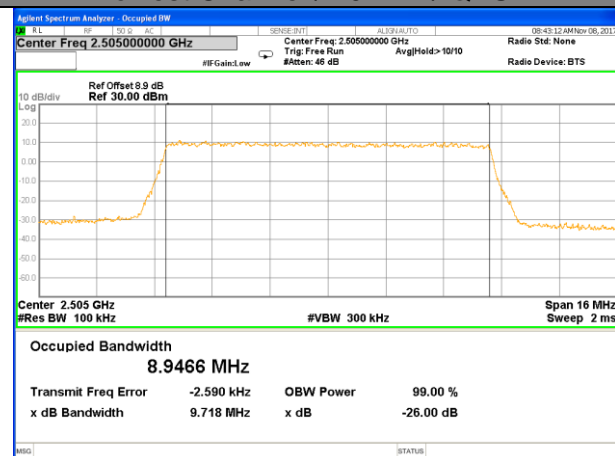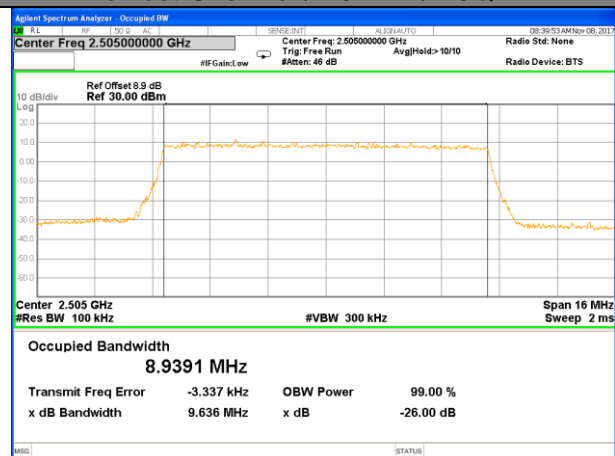| Lowest Channel / 10MHz / QPSK	Lowest Channel / 10MHz / 16QAM
Occupied Bandwidth **8.9466 MHz** — Transmit Freq Error -2.590 kHz, OBW Power 99.00 %, x dB Bandwidth 9.718 MHz, x dB -26.00 dB	Occupied Bandwidth **8.9391 MHz** — Transmit Freq Error -3.337 kHz, OBW Power 99.00 %, x dB Bandwidth 9.636 MHz, x dB -26.00 dB
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
Occupied Bandwidth **8.9255 MHz** — Transmit Freq Error -2.257 kHz, OBW Power 99.00 %, x dB Bandwidth 9.633 MHz, x dB -26.00 dB	Occupied Bandwidth **8.9319 MHz** — Transmit Freq Error -13.712 kHz, OBW Power 99.00 %, x dB Bandwidth 9.703 MHz, x dB -26.00 dB
Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
Occupied Bandwidth **8.9217 MHz** — Transmit Freq Error -13.398 kHz, OBW Power 99.00 %, x dB Bandwidth 9.683 MHz, x dB -26.00 dB	Occupied Bandwidth **8.9127 MHz** — Transmit Freq Error -215 Hz, OBW Power 99.00 %, x dB Bandwidth 9.600 MHz, x dB -26.00 dB

LTE band 7

LTE band 7 (99% and -26 Bandwidth)

Lowest Channel / 15MHz / QPSK	Lowest Channel / 15MHz / 16QAM
Occupied Bandwidth **13.514 MHz** Transmit Freq Error -11.592 kHz, OBW Power 99.00 % x dB Bandwidth 14.78 MHz, x dB -26.00 dB	Occupied Bandwidth **13.510 MHz** Transmit Freq Error -15.671 kHz, OBW Power 99.00 % x dB Bandwidth 14.75 MHz, x dB -26.00 dB
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
Occupied Bandwidth **13.436 MHz** Transmit Freq Error -22.535 kHz, OBW Power 99.00 % x dB Bandwidth 14.62 MHz, x dB -26.00 dB	Occupied Bandwidth **13.466 MHz** Transmit Freq Error -17.730 kHz, OBW Power 99.00 % x dB Bandwidth 14.63 MHz, x dB -26.00 dB
Highest Channel / 15MHz / QPSK	**Highest Channel / 15MHz / 16QAM**
Occupied Bandwidth **13.435 MHz** Transmit Freq Error 2.385 kHz, OBW Power 99.00 % x dB Bandwidth 14.74 MHz, x dB -26.00 dB	Occupied Bandwidth **13.450 MHz** Transmit Freq Error 8.565 kHz, OBW Power 99.00 % x dB Bandwidth 14.69 MHz, x dB -26.00 dB

LTE band 7

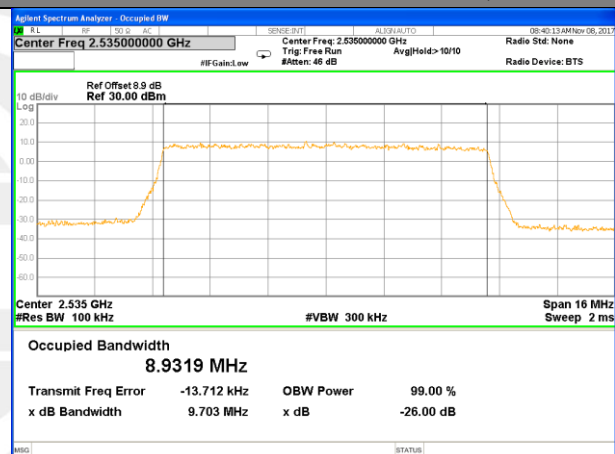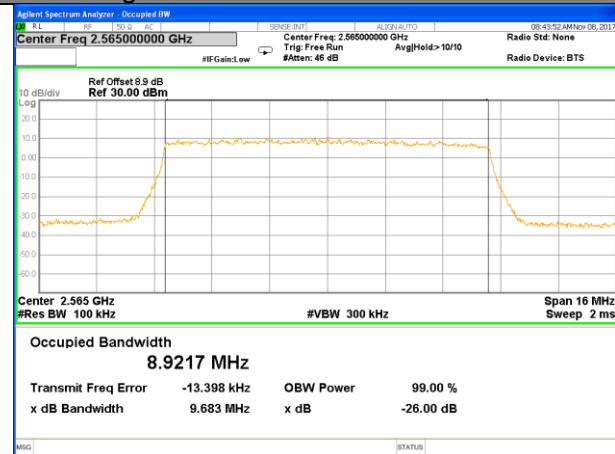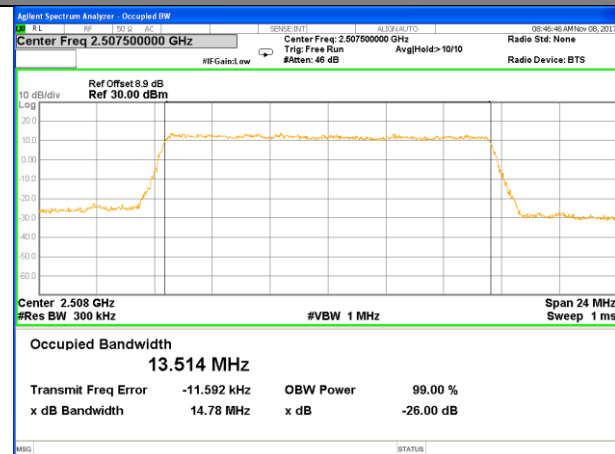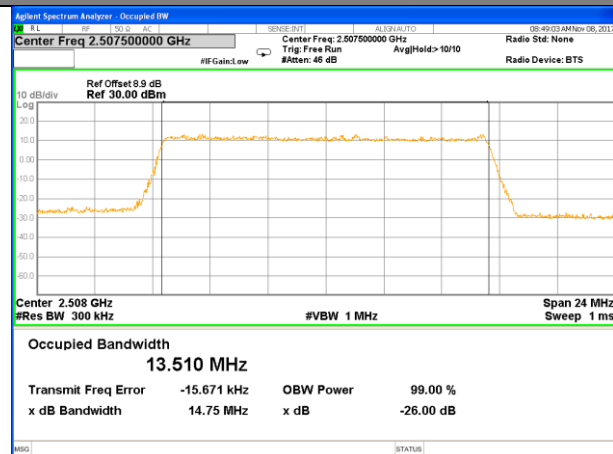| LTE band 7 (99% and -26 Bandwidth)	
Lowest Channel / 20MHz / QPSK	Lowest Channel / 20MHz / 16QAM
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
Highest Channel / 20MHz / QPSK	Highest Channel / 20MHz / 16QAM
	|