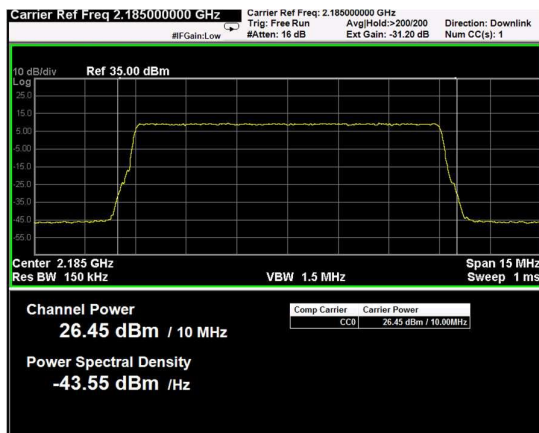
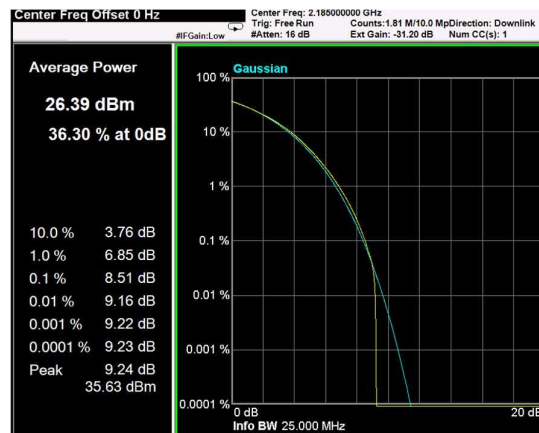
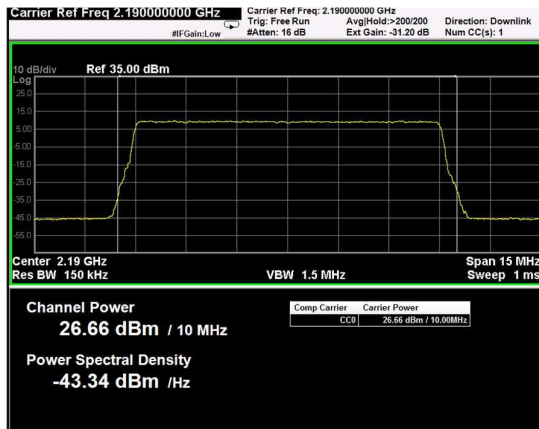




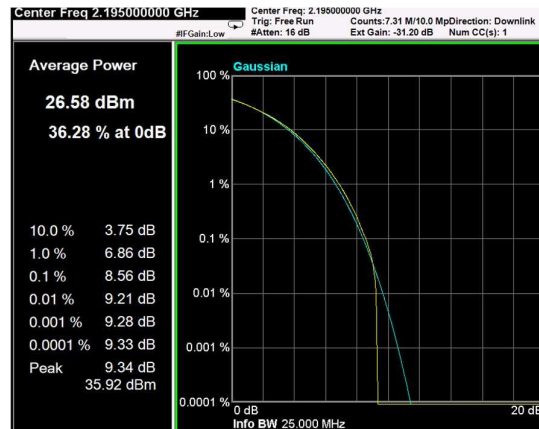
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Channel Power



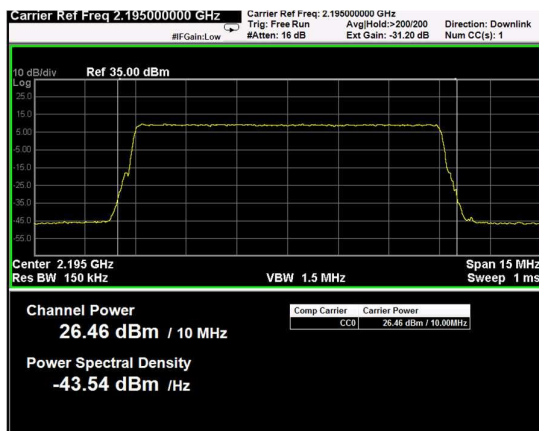
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, CCDF



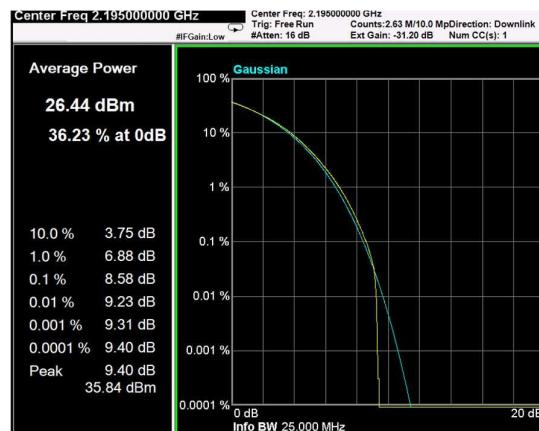
Channel: MIDDLE, Modulation: 256QAM, BW=10MHz, Channel Power



Channel: MIDDLE, Modulation: 256QAM, BW=10MHz, CCDF

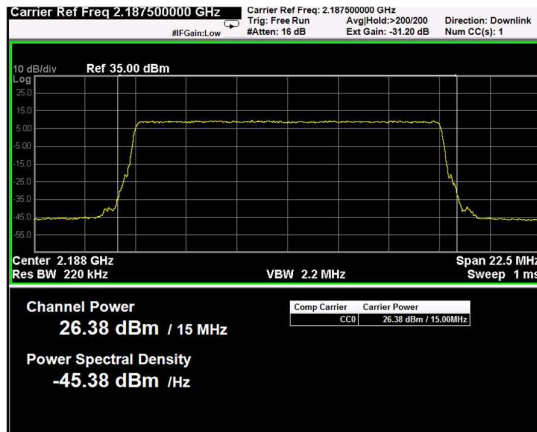
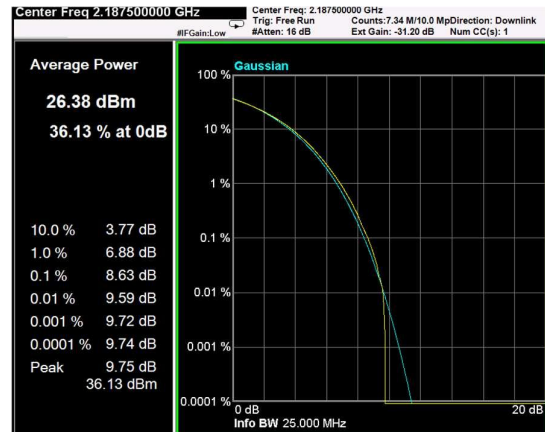
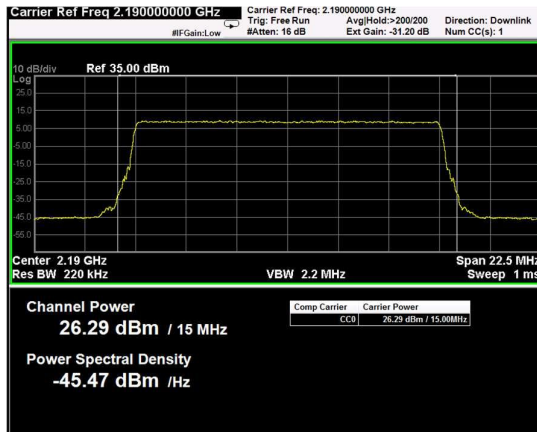
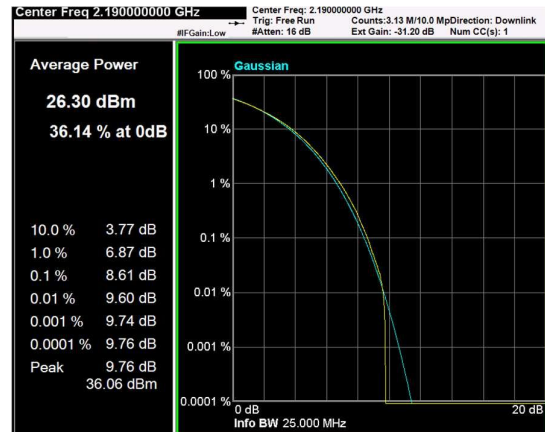
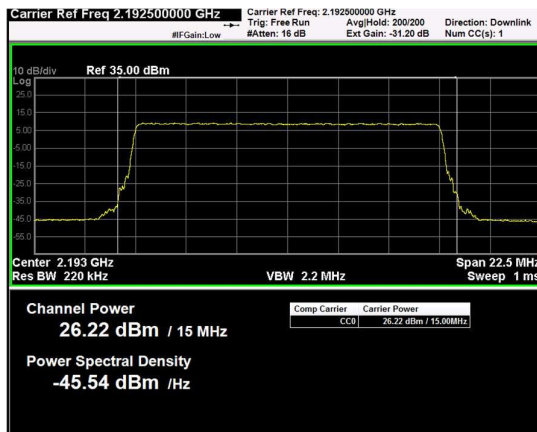
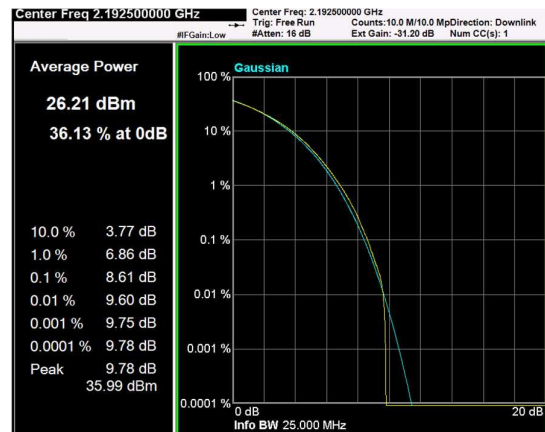


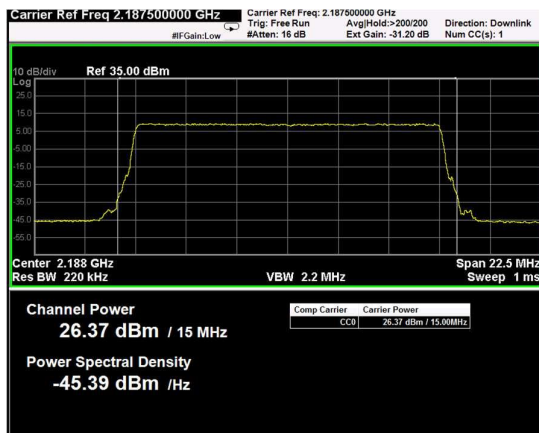
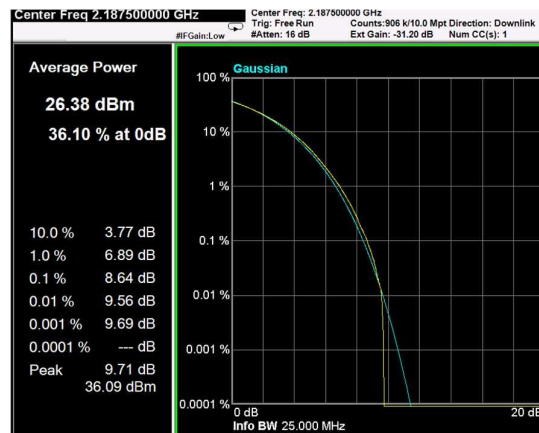
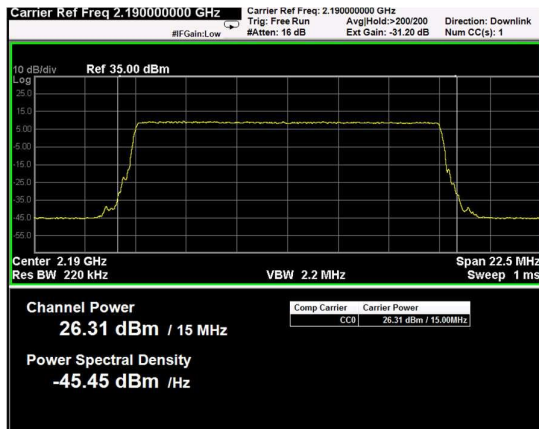
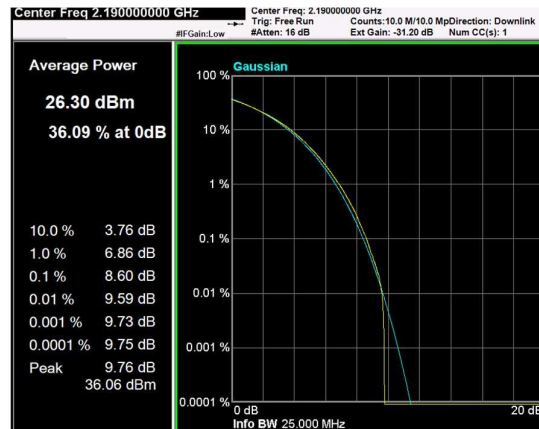
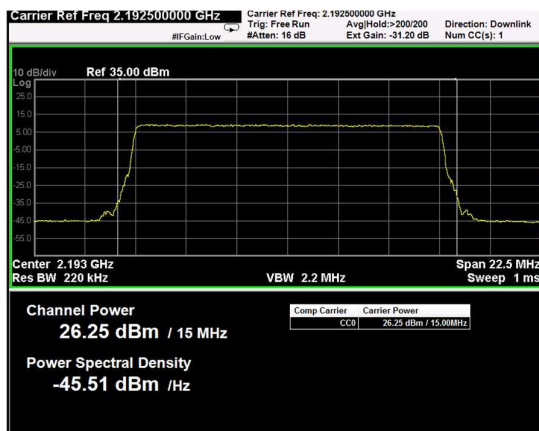
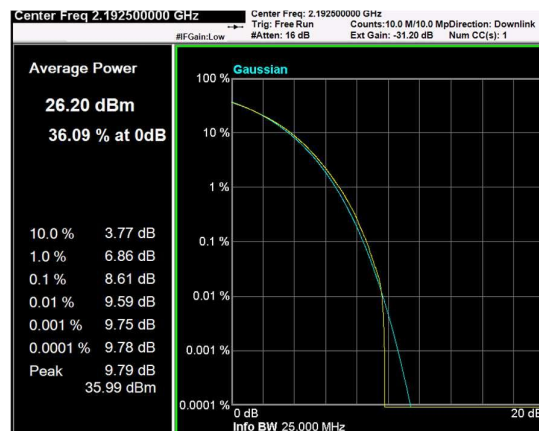
Channel: TOP, Modulation: 256QAM, BW=10MHz, Channel Power

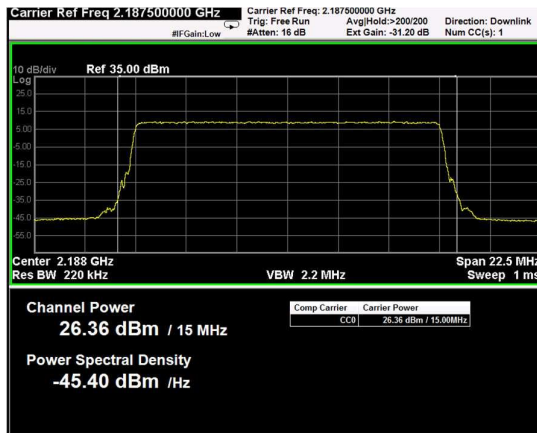
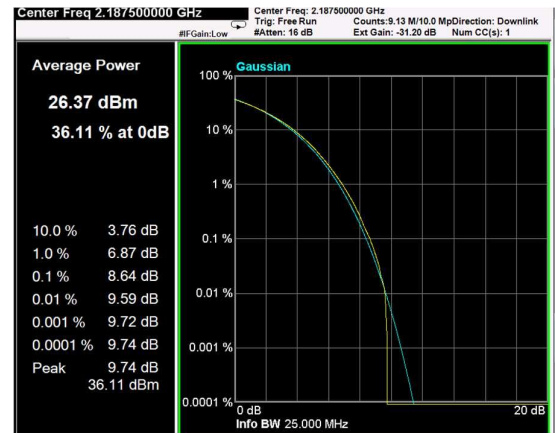
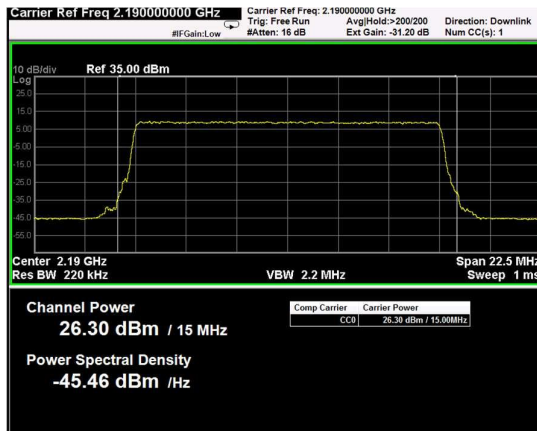
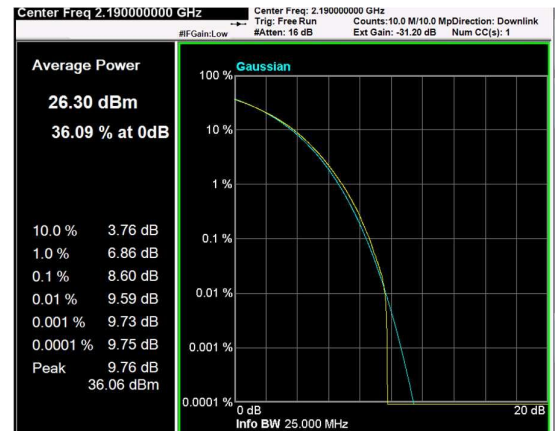
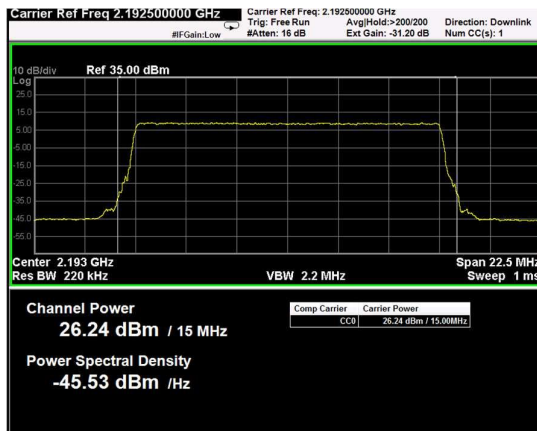
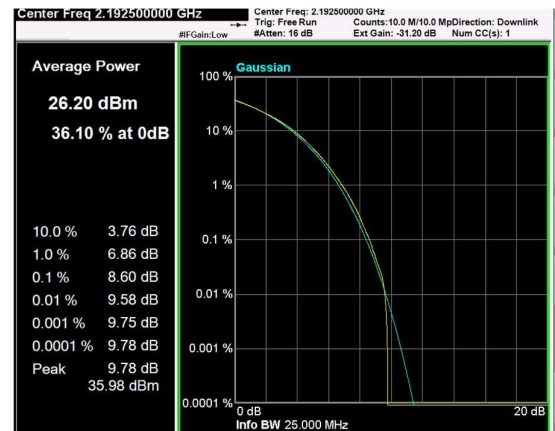


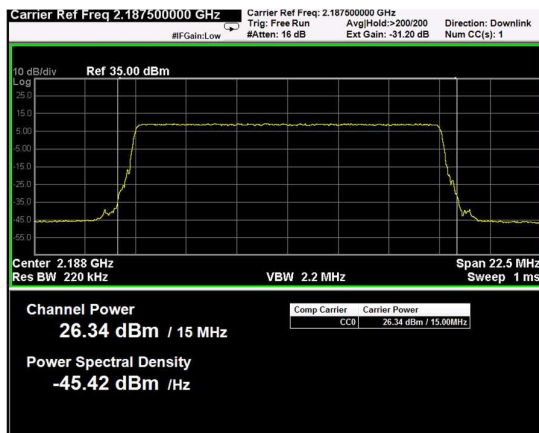
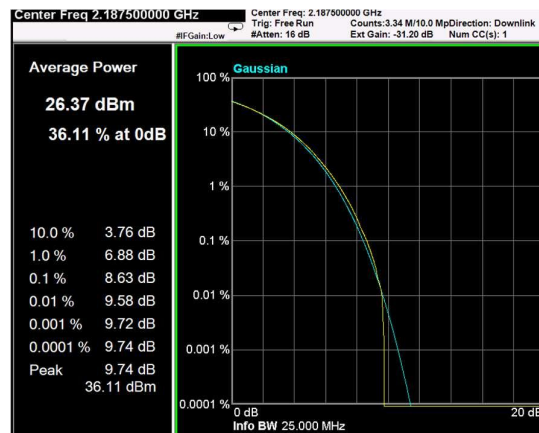
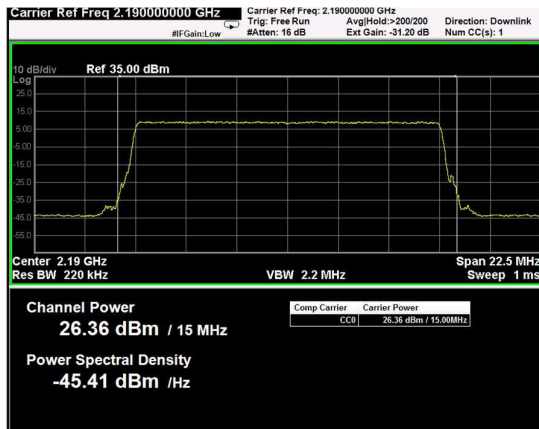
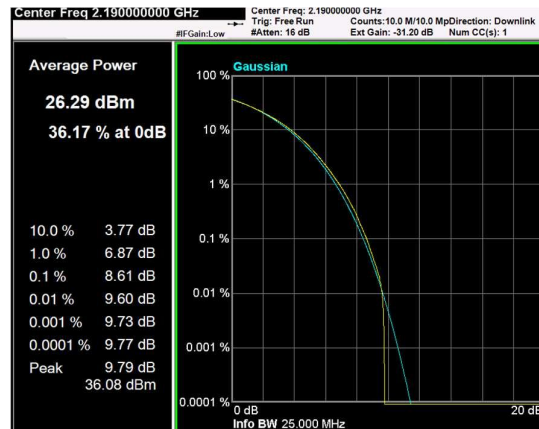
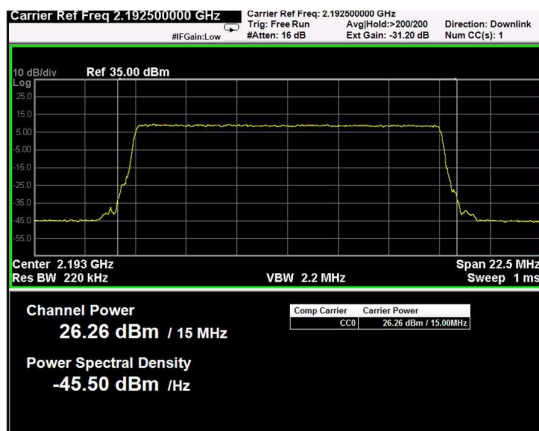
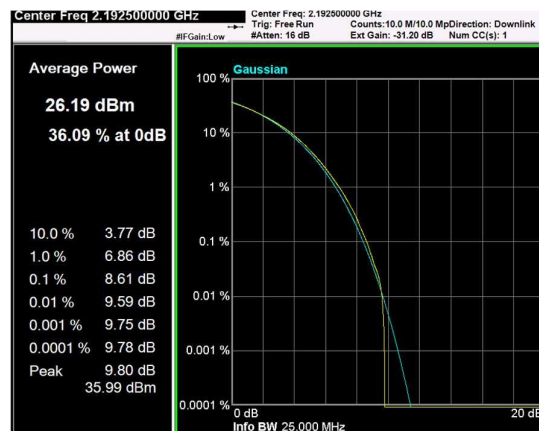
Channel: TOP, Modulation: 256QAM, BW=10MHz, CCDF

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 15MHz (QPSK)	2187.5	26.4	0.435	9.8
Down-link	LTE 15MHz (QPSK)	2190	26.3	0.426	9.8
Down-link	LTE 15MHz (QPSK)	2192.5	26.2	0.419	9.8
Down-link	LTE 15MHz (16QAM)	2187.5	26.4	0.434	9.7
Down-link	LTE 15MHz (16QAM)	2190	26.3	0.428	9.8
Down-link	LTE 15MHz (16QAM)	2192.5	26.3	0.422	9.8
Down-link	LTE 15MHz (64QAM)	2187.5	26.4	0.433	9.7
Down-link	LTE 15MHz (64QAM)	2190	26.3	0.427	9.8
Down-link	LTE 15MHz (64QAM)	2192.5	26.2	0.421	9.8
Down-link	LTE 15MHz (256QAM)	2187.5	26.3	0.431	9.7
Down-link	LTE 15MHz (256QAM)	2190	26.4	0.433	9.8
Down-link	LTE 15MHz (256QAM)	2192.5	26.3	0.423	9.8

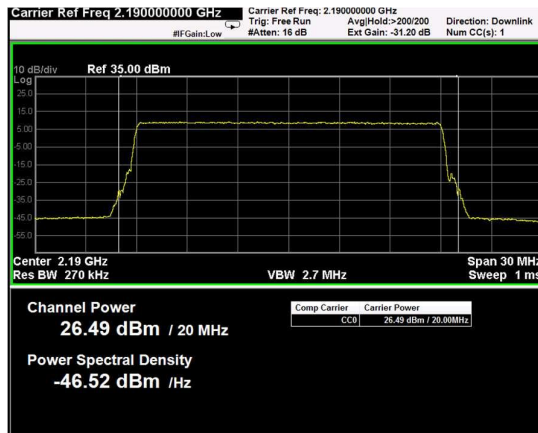
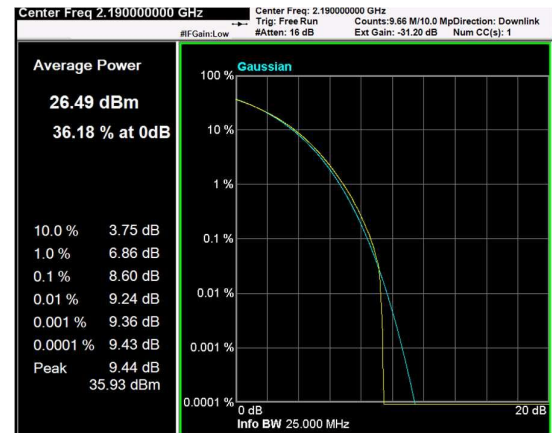
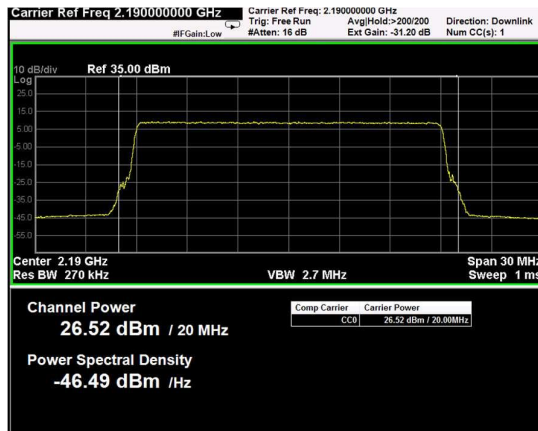
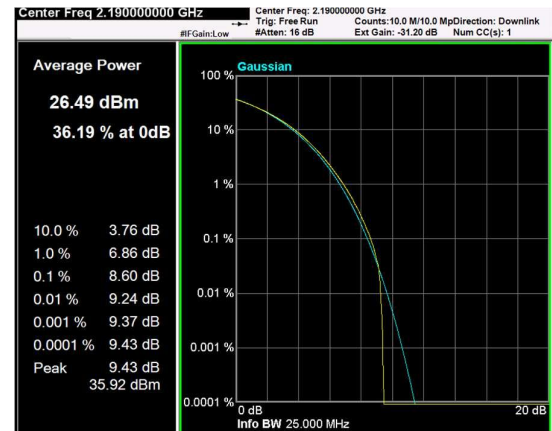
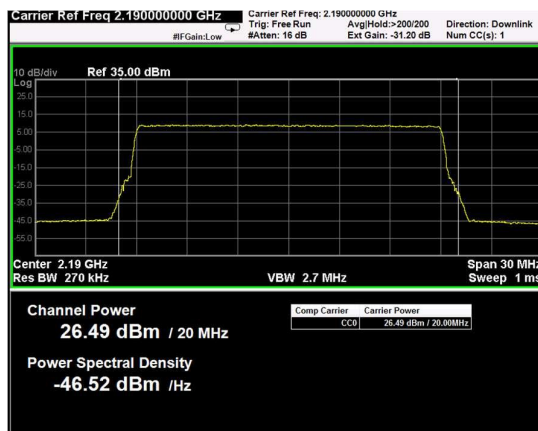
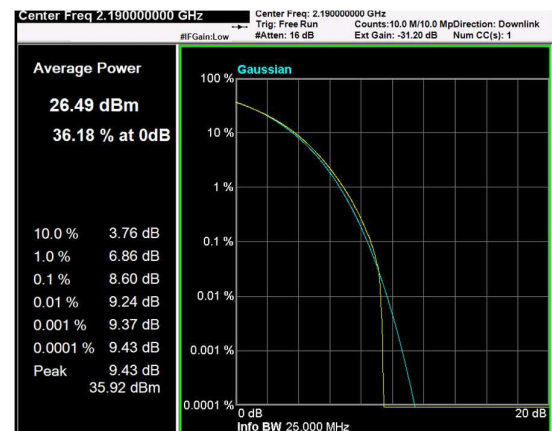

Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, Channel Power

Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, CCDF

Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Channel Power

Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, CCDF

Channel: TOP, Modulation: QPSK,
BW=15MHz, Channel Power

Channel: TOP, Modulation: QPSK,
BW=15MHz, CCDF

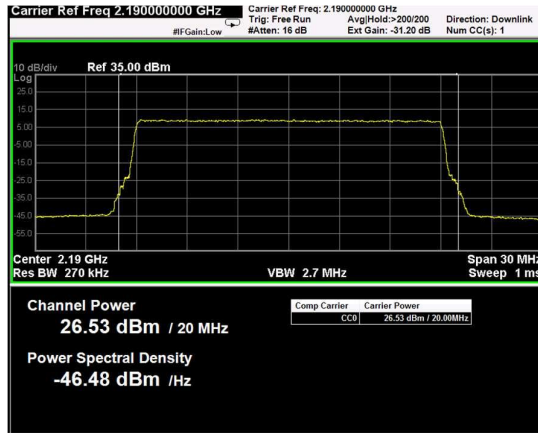

Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, Channel Power

Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, CCDF

Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Channel Power

Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, CCDF

Channel: TOP, Modulation: 16QAM,
BW=15MHz, Channel Power

Channel: TOP, Modulation: 16QAM,
BW=15MHz, CCDF


Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Channel Power

Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, CCDF

Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Channel Power

Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, CCDF

Channel: TOP, Modulation: 64QAM,
BW=15MHz, Channel Power

Channel: TOP, Modulation: 64QAM,
BW=15MHz, CCDF

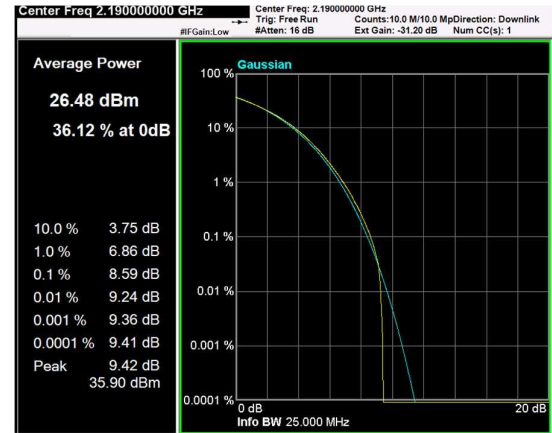

Channel: BOTTOM, Modulation: 256QAM,
BW=15MHz, Channel Power

Channel: BOTTOM, Modulation: 256QAM,
BW=15MHz, CCDF

Channel: MIDDLE, Modulation: 256QAM,
BW=15MHz, Channel Power

Channel: MIDDLE, Modulation: 256QAM,
BW=15MHz, CCDF

Channel: TOP, Modulation: 256QAM,
BW=15MHz, Channel Power

Channel: TOP, Modulation: 256QAM,
BW=15MHz, CCDF

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 20MHz (QPSK)	2190	26.5	0.446	9.4
Down-link	LTE 20MHz (16QAM)	2190	26.5	0.449	9.4
Down-link	LTE 20MHz (64QAM)	2190	26.5	0.446	9.4
Down-link	LTE 20MHz (256QAM)	2190	26.5	0.450	9.4


Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Channel Power

Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, CCDF

Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Channel Power

Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, CCDF

Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Channel Power

Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, CCDF



Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Channel Power

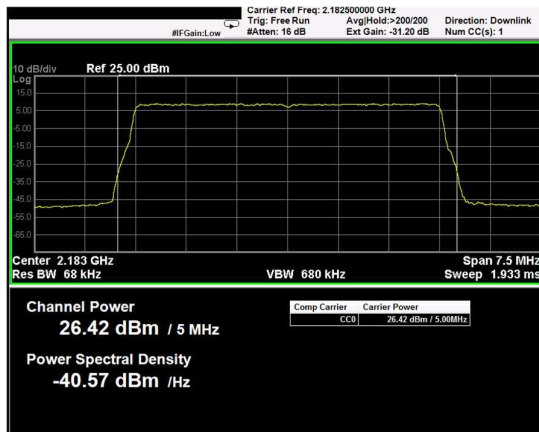
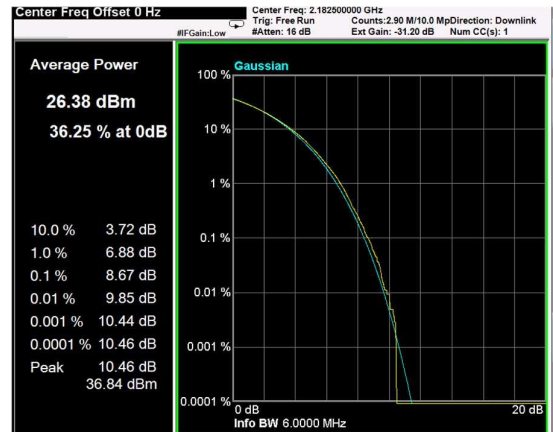
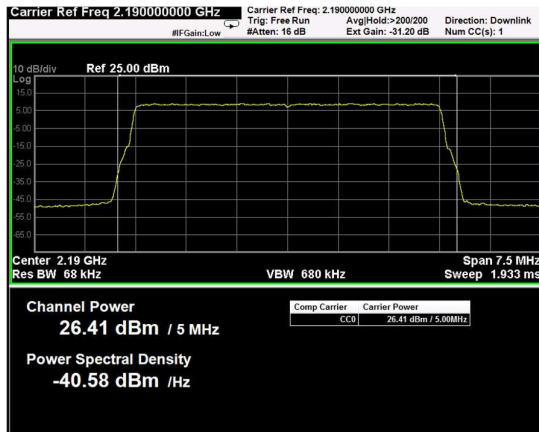
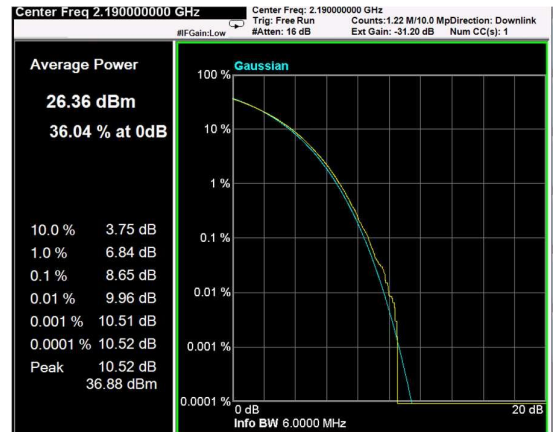
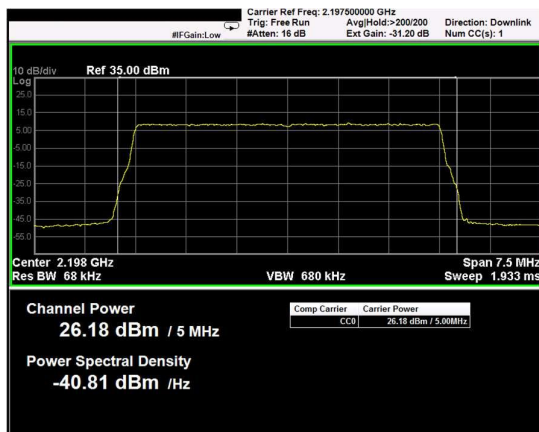
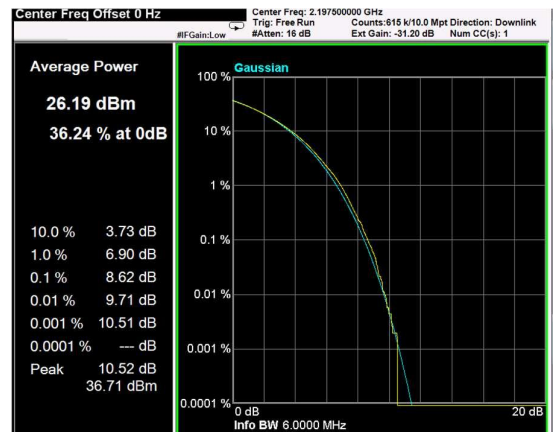


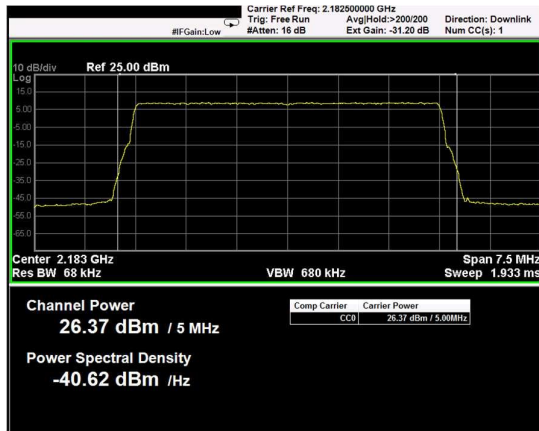
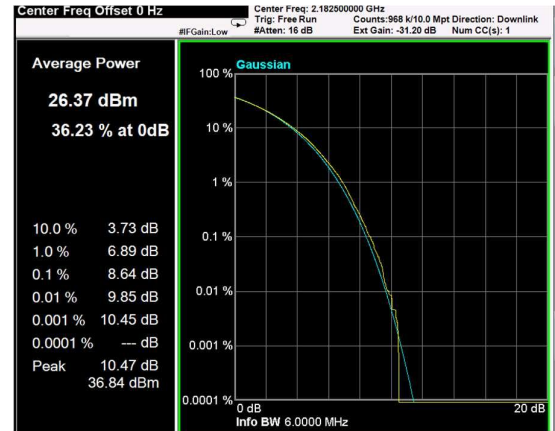
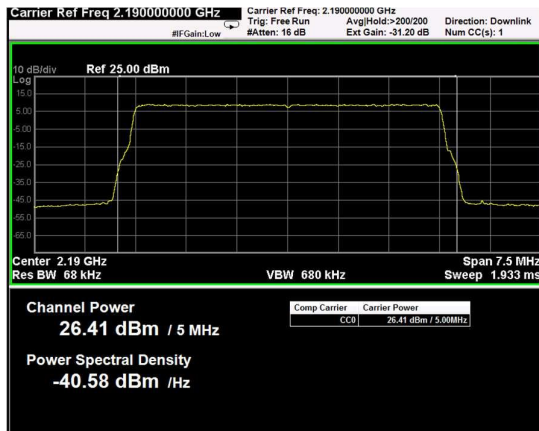
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, CCDF

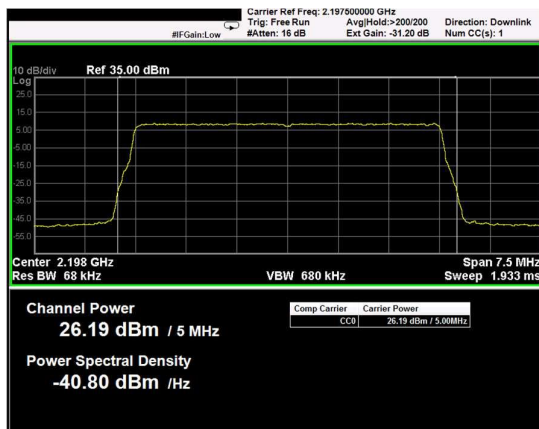
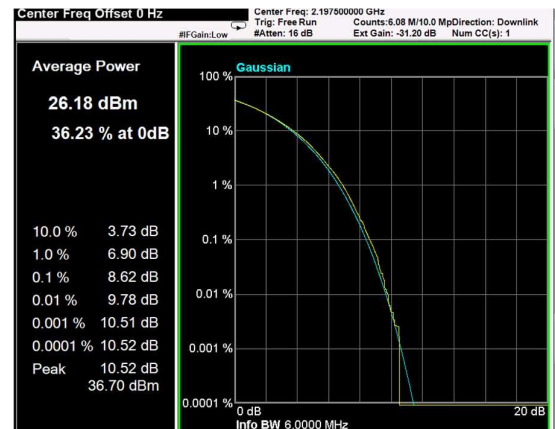
PAR measure is performed by the “CCDF” function installed on Spectrum analyzer that provides average power (the same measured with “Channel power” function), peak power and PAR.

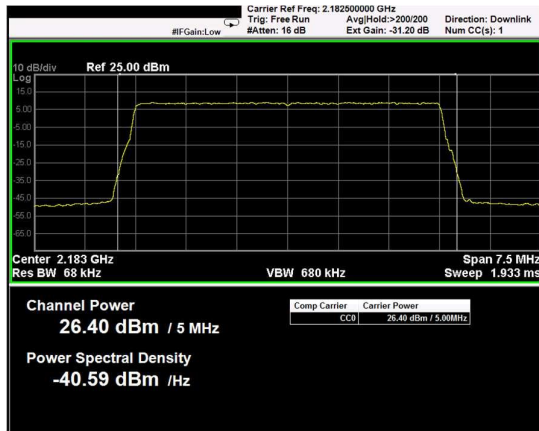
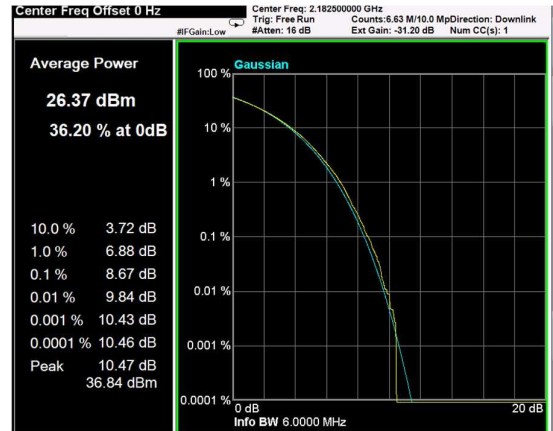
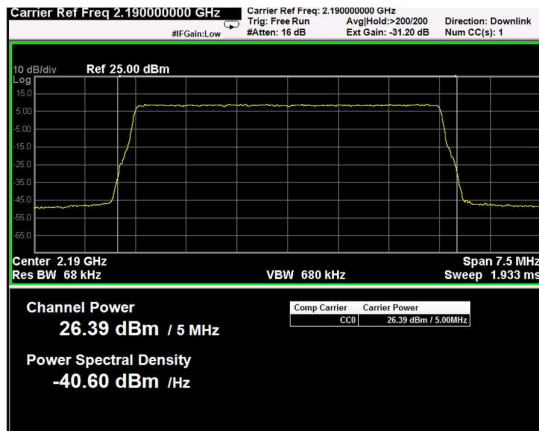
RF PORT 2

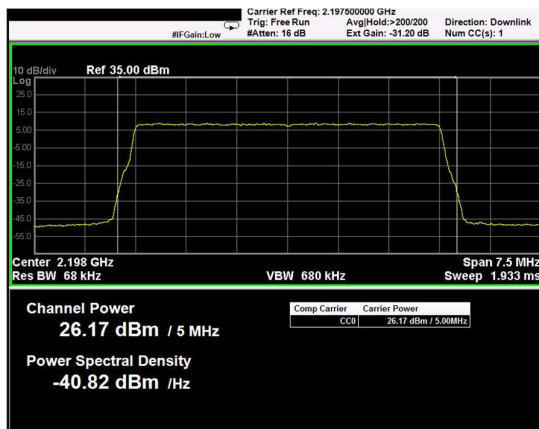
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 5MHz (QPSK)	2182.5	26.4	0.439	10.5
Down-link	LTE 5MHz (QPSK)	2190	26.4	0.438	10.5
Down-link	LTE 5MHz (QPSK)	2197.5	26.2	0.415	10.5
Down-link	LTE 5MHz (16QAM)	2182.5	26.4	0.434	10.5
Down-link	LTE 5MHz (16QAM)	2190	26.4	0.438	10.6
Down-link	LTE 5MHz (16QAM)	2197.5	26.2	0.416	10.5
Down-link	LTE 5MHz (64QAM)	2182.5	26.4	0.437	10.5
Down-link	LTE 5MHz (64QAM)	2190	26.4	0.436	10.6
Down-link	LTE 5MHz (64QAM)	2197.5	26.2	0.414	10.5
Down-link	LTE 5MHz (256QAM)	2182.5	26.4	0.440	10.5
Down-link	LTE 5MHz (256QAM)	2190	26.4	0.433	10.6
Down-link	LTE 5MHz (256QAM)	2197.5	26.2	0.416	10.6


Channel: BOTTOM, Modulation: QPSK,
BW=5MHz, Channel Power

Channel: BOTTOM, Modulation: QPSK,
BW=5MHz, CCDF

Channel: MIDDLE, Modulation: QPSK,
BW=5MHz, Channel Power

Channel: MIDDLE, Modulation: QPSK,
BW=5MHz, CCDF

Channel: TOP, Modulation: QPSK,
BW=5MHz, Channel Power

Channel: TOP, Modulation: QPSK,
BW=5MHz, CCDF

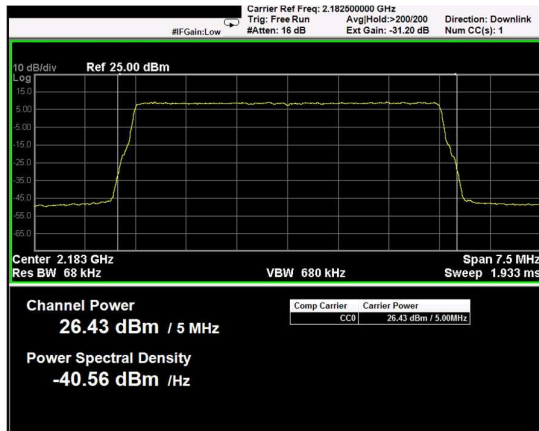
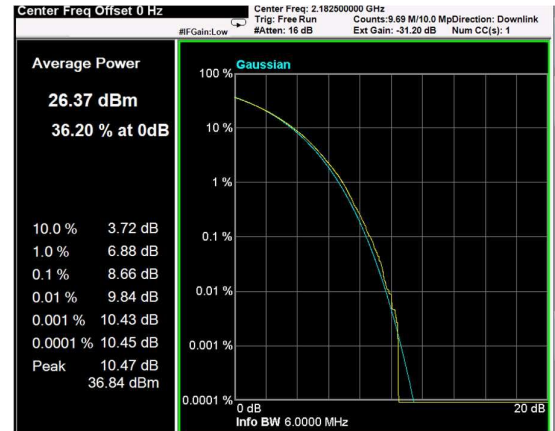
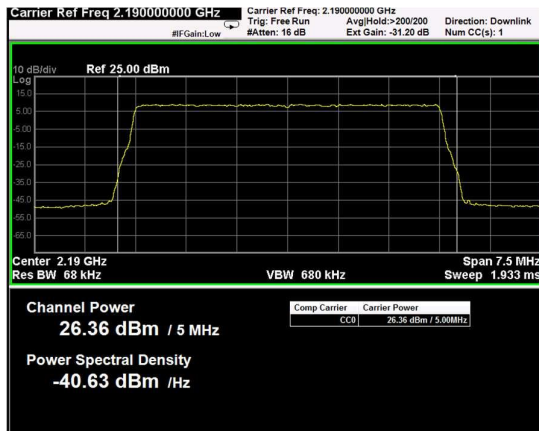

Channel: BOTTOM, Modulation: 16QAM,
BW=5MHz, Channel Power

Channel: BOTTOM, Modulation: 16QAM,
BW=5MHz, CCDF

Channel: MIDDLE, Modulation: 16QAM,
BW=5MHz, Channel Power

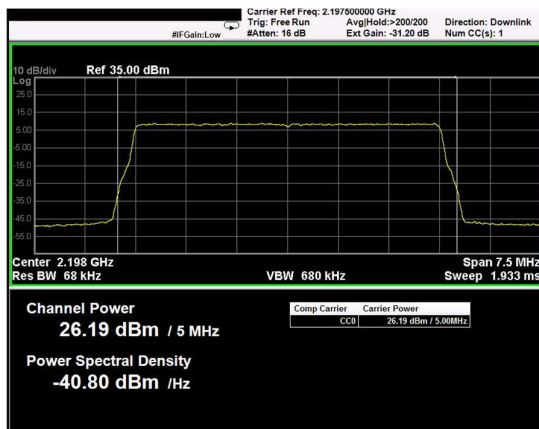
Channel: MIDDLE, Modulation: 16QAM,
BW=5MHz, CCDF

Channel: TOP, Modulation: 16QAM,
BW=5MHz, Channel Power

Channel: TOP, Modulation: 16QAM,
BW=5MHz, CCDF


Channel: BOTTOM, Modulation: 64QAM,
BW=5MHz, Channel Power

Channel: BOTTOM, Modulation: 64QAM,
BW=5MHz, CCDF

Channel: MIDDLE, Modulation: 64QAM,
BW=5MHz, Channel Power

Channel: MIDDLE, Modulation: 64QAM,
BW=5MHz, CCDF

Channel: TOP, Modulation: 64QAM,
BW=5MHz, Channel Power

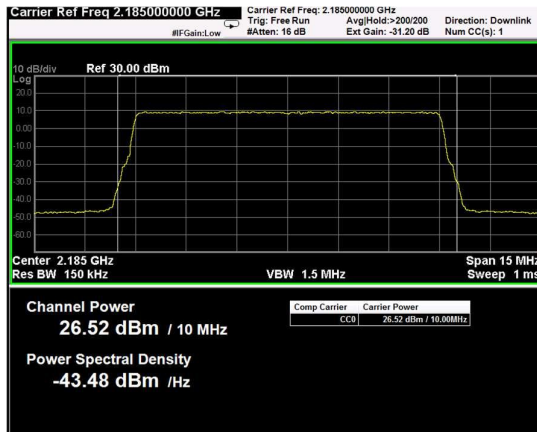
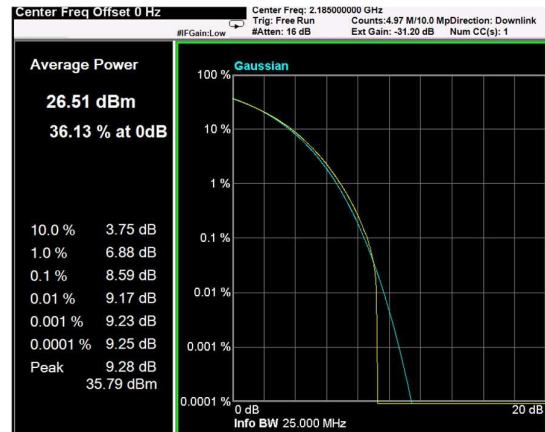
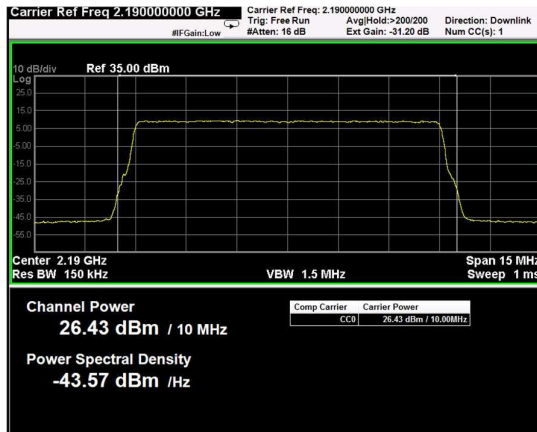
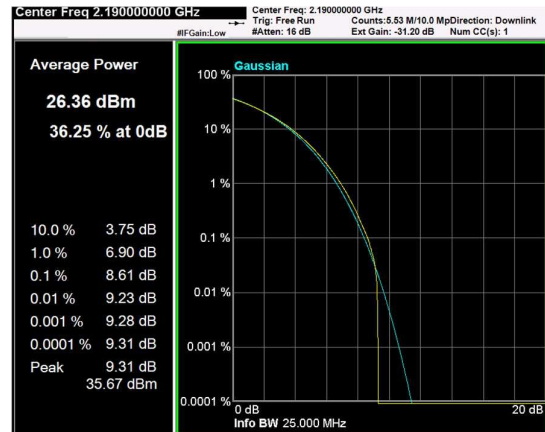
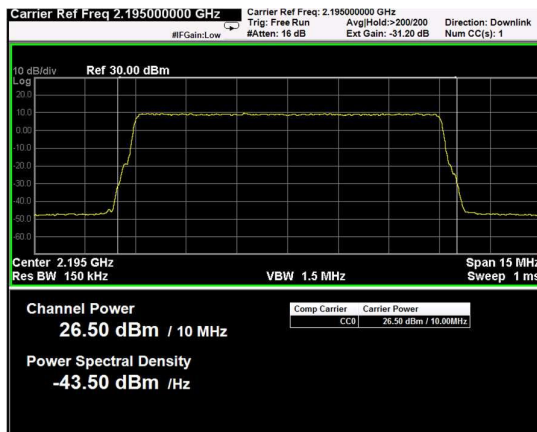
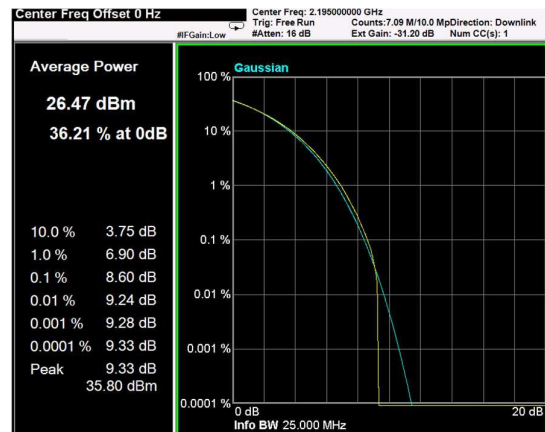
Channel: TOP, Modulation: 64QAM,
BW=5MHz, CCDF


Channel: BOTTOM, Modulation: 256QAM,
BW=5MHz, Channel Power

Channel: BOTTOM, Modulation: 256QAM,
BW=5MHz, CCDF

Channel: MIDDLE, Modulation: 256QAM,
BW=5MHz, Channel Power

Channel: MIDDLE, Modulation: 256QAM,
BW=5MHz, CCDF

Channel: TOP, Modulation: 256QAM,
BW=5MHz, Channel Power

Channel: TOP, Modulation: 256QAM,
BW=5MHz, CCDF

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 10MHz (QPSK)	2185	26.5	0.449	9.3
Down-link	LTE 10MHz (QPSK)	2190	26.4	0.440	9.3
Down-link	LTE 10MHz (QPSK)	2195	26.5	0.447	9.3
Down-link	LTE 10MHz (16QAM)	2185	26.6	0.453	9.3
Down-link	LTE 10MHz (16QAM)	2190	26.4	0.437	9.3
Down-link	LTE 10MHz (16QAM)	2195	26.5	0.448	9.3
Down-link	LTE 10MHz (64QAM)	2185	26.5	0.451	9.3
Down-link	LTE 10MHz (64QAM)	2190	26.3	0.431	9.3
Down-link	LTE 10MHz (64QAM)	2195	26.5	0.449	9.4
Down-link	LTE 10MHz (256QAM)	2185	26.5	0.448	9.3
Down-link	LTE 10MHz (256QAM)	2190	26.4	0.435	9.3
Down-link	LTE 10MHz (256QAM)	2195	26.5	0.447	9.3


Channel: BOTTOM, Modulation: QPSK,
BW=10MHz, Channel Power

Channel: BOTTOM, Modulation: QPSK,
BW=10MHz, CCDF

Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Channel Power

Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, CCDF

Channel: TOP, Modulation: QPSK,
BW=10MHz, Channel Power

Channel: TOP, Modulation: QPSK,
BW=10MHz, CCDF