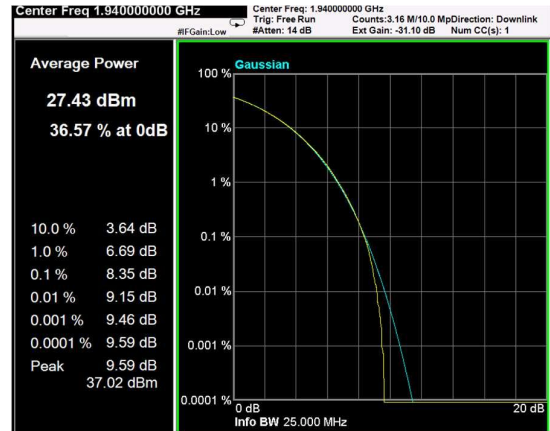
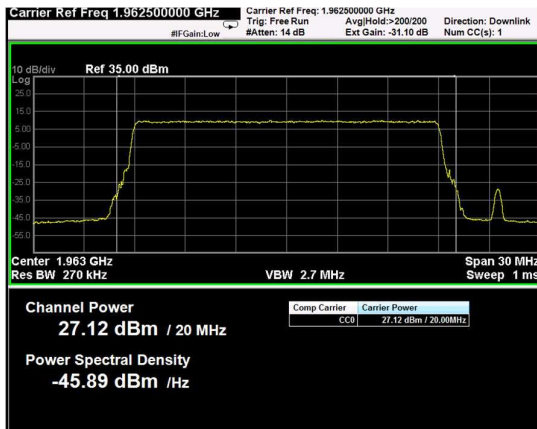


Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Channel Power



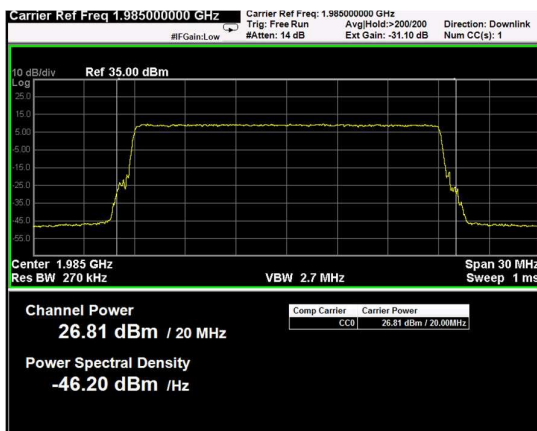
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, CCDF



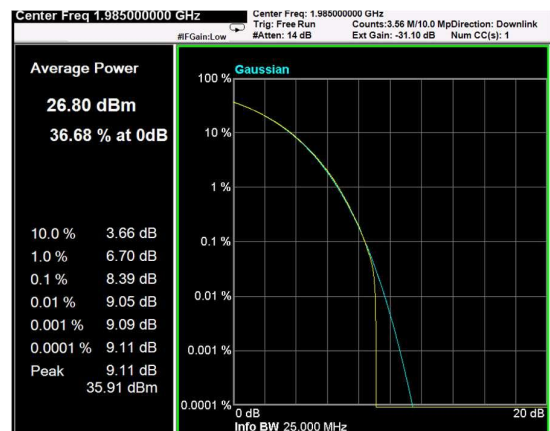
Channel: MIDDLE, Modulation: 256QAM, BW=20MHz, Channel Power



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



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

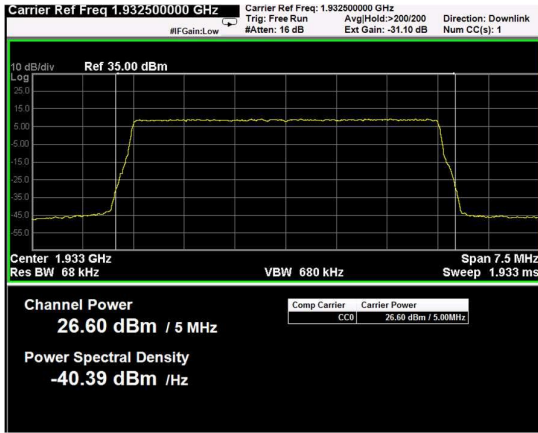


Channel: TOP, Modulation: 256QAM, BW=20MHz, CCDF

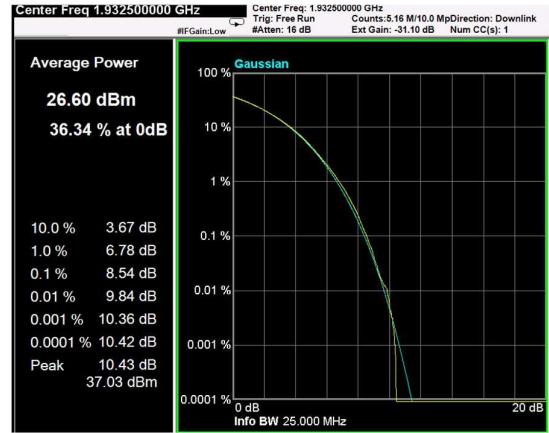
PAR measure is performed by the "CCDF" function installed on Spectrum analyzer that provides average power (the same measured with "Channel power" function), peak power and PAR.

RF PORT 2

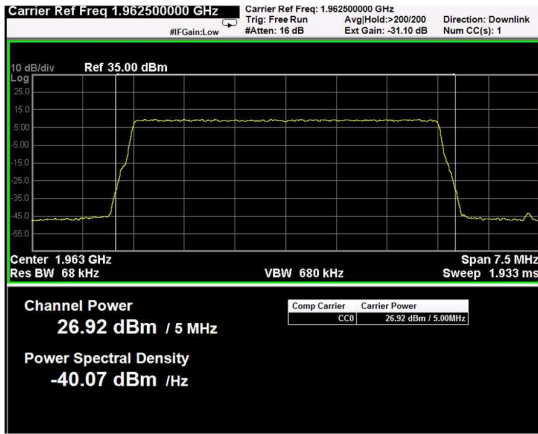
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 5MHz (QPSK)	1932.5	26.6	0.457	10.4
Down-link	LTE 5MHz (QPSK)	1962.5	26.9	0.492	10.4
Down-link	LTE 5MHz (QPSK)	1992.5	26.8	0.480	10.4
Down-link	LTE 5MHz (16QAM)	1932.5	26.6	0.459	10.4
Down-link	LTE 5MHz (16QAM)	1962.5	27.0	0.495	10.3
Down-link	LTE 5MHz (16QAM)	1992.5	26.8	0.481	10.5
Down-link	LTE 5MHz (64QAM)	1932.5	26.6	0.458	10.4
Down-link	LTE 5MHz (64QAM)	1962.5	26.9	0.494	10.3
Down-link	LTE 5MHz (64QAM)	1992.5	26.8	0.480	10.4
Down-link	LTE 5MHz (256QAM)	1932.5	26.7	0.462	10.4
Down-link	LTE 5MHz (256QAM)	1962.5	27.0	0.500	10.0
Down-link	LTE 5MHz (256QAM)	1992.5	26.8	0.480	10.4



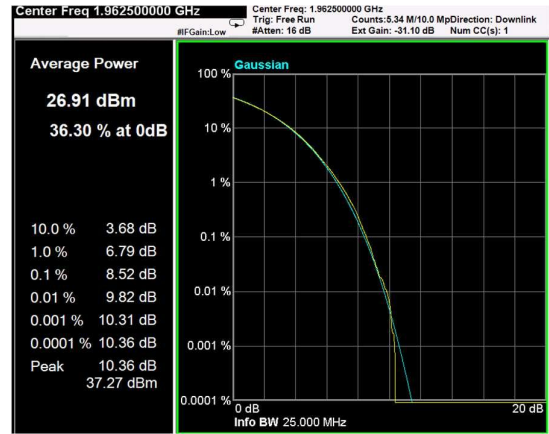
Channel: BOTTOM, Modulation: QPSK, BW=5MHz, Channel Power



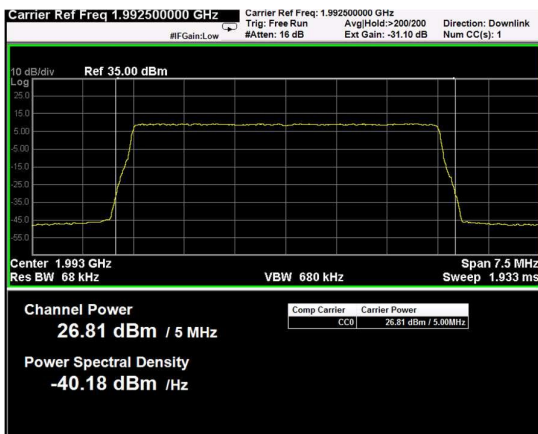
Channel: BOTTOM, Modulation: QPSK, BW=5MHz, CCDF



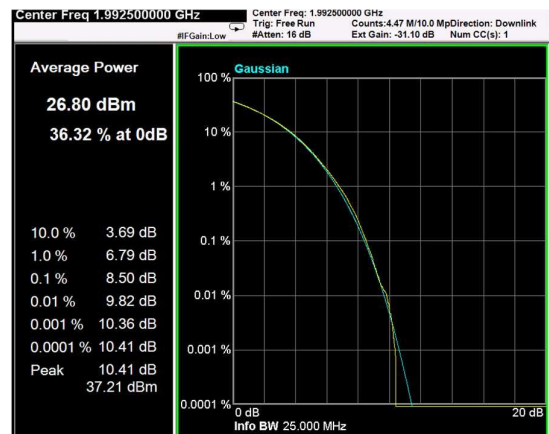
Channel: MIDDLE, Modulation: QPSK, BW=5MHz, Channel Power



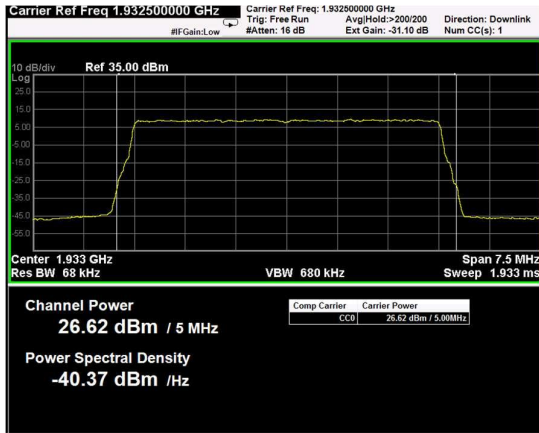
Channel: MIDDLE, Modulation: QPSK, BW=5MHz, CCDF



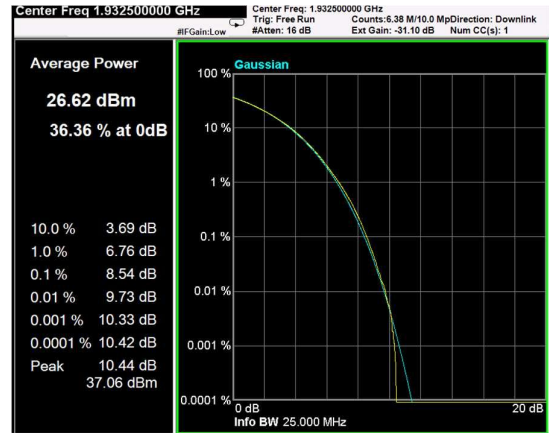
Channel: TOP, Modulation: QPSK, BW=5MHz, Channel Power



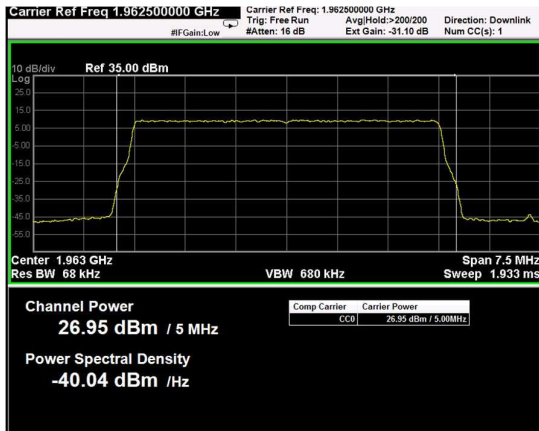
Channel: TOP, Modulation: QPSK, BW=5MHz, CCDF



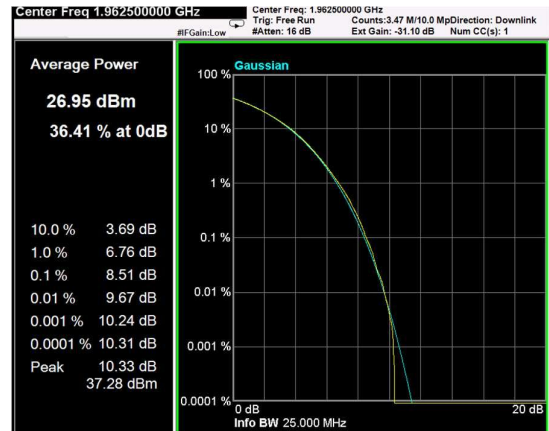
Channel: BOTTOM, Modulation: 16QAM, BW=5MHz, Channel Power



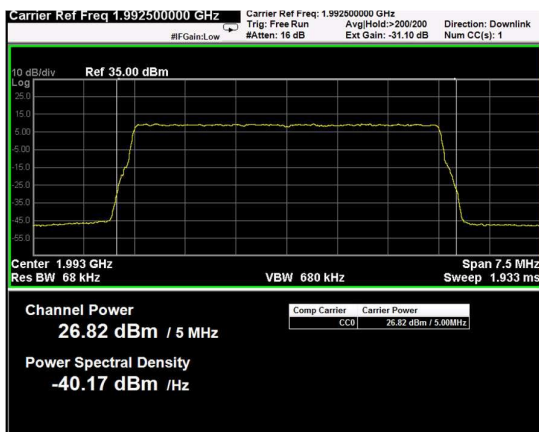
Channel: BOTTOM, Modulation: 16QAM, BW=5MHz, CCDF



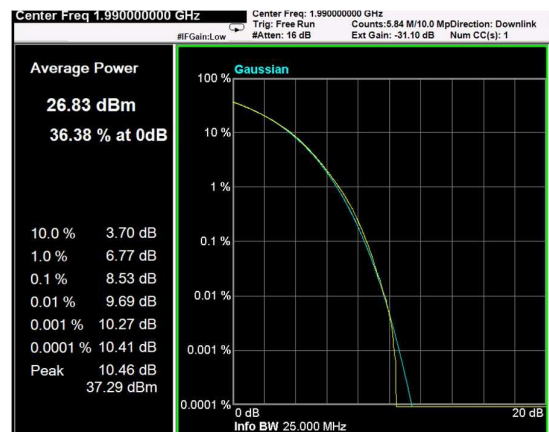
Channel: MIDDLE, Modulation: 16QAM, BW=5MHz, Channel Power



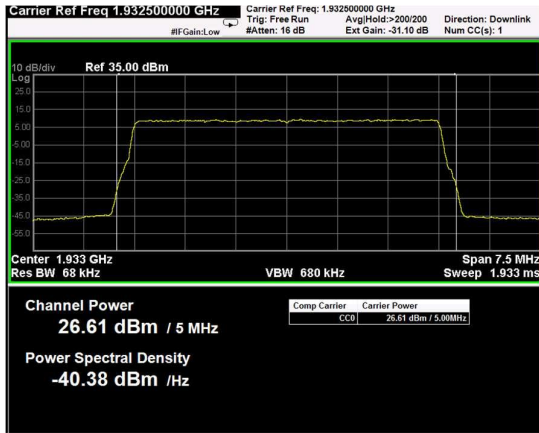
Channel: MIDDLE, Modulation: 16QAM, BW=5MHz, CCDF



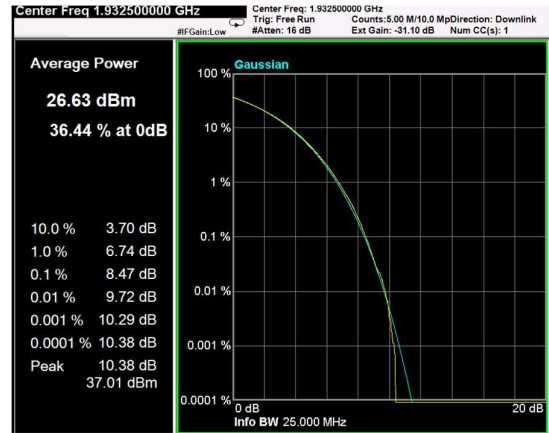
Channel: TOP, Modulation: 16QAM, BW=5MHz, Channel Power



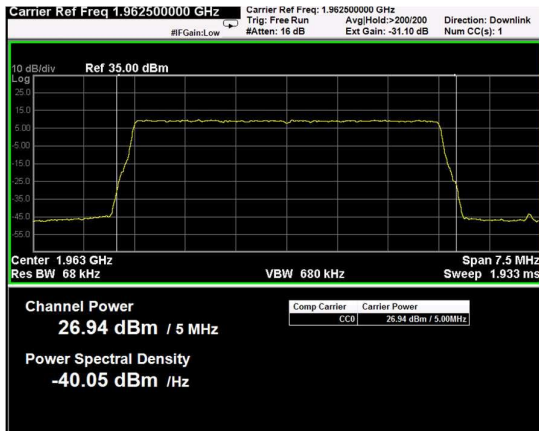
Channel: TOP, Modulation: 16QAM, BW=5MHz, CCDF



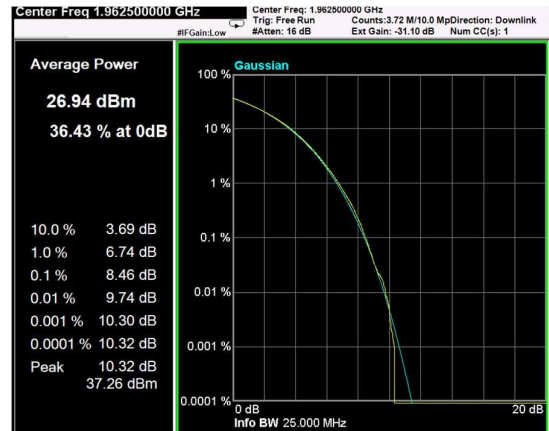
Channel: BOTTOM, Modulation: 64QAM, BW=5MHz, Channel Power



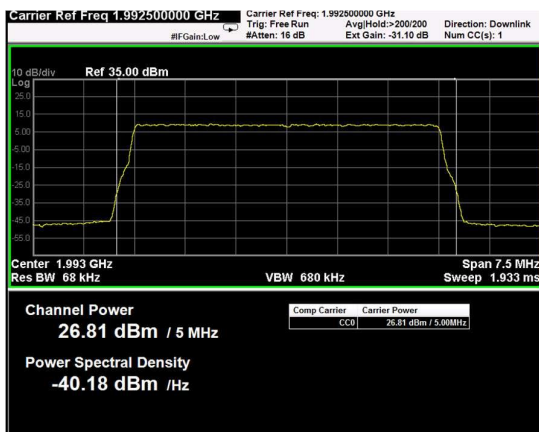
Channel: BOTTOM, Modulation: 64QAM, BW=5MHz, CCDF



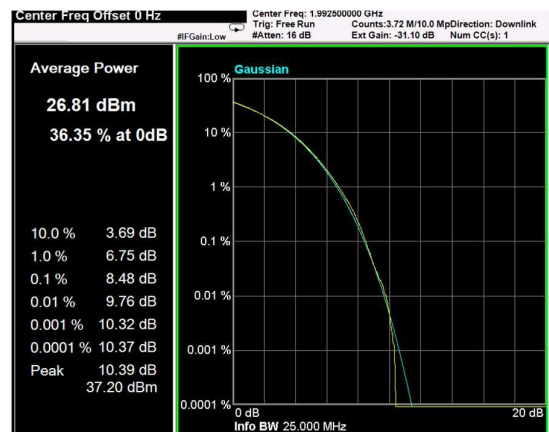
Channel: MIDDLE, Modulation: 64QAM, BW=5MHz, Channel Power



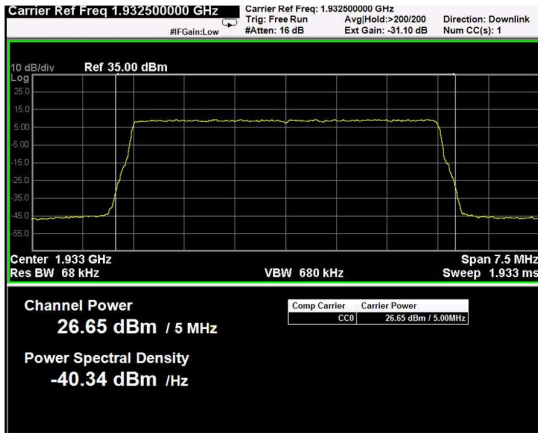
Channel: MIDDLE, Modulation: 64QAM, BW=5MHz, CCDF



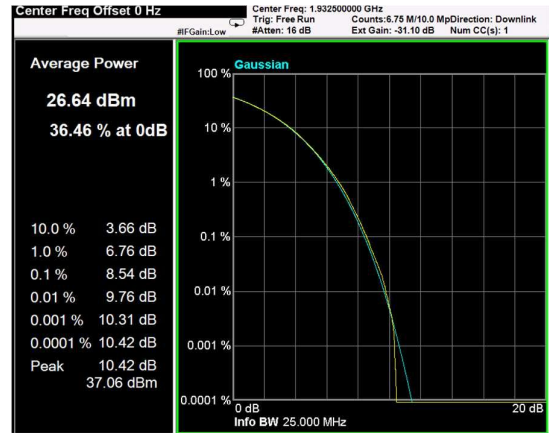
Channel: TOP, Modulation: 64QAM, BW=5MHz, Channel Power



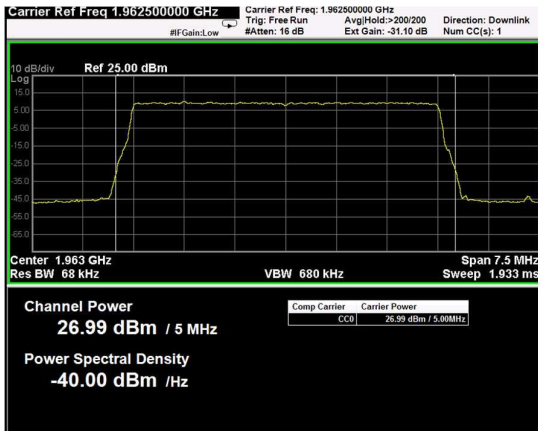
Channel: TOP, Modulation: 64QAM, BW=5MHz, CCDF



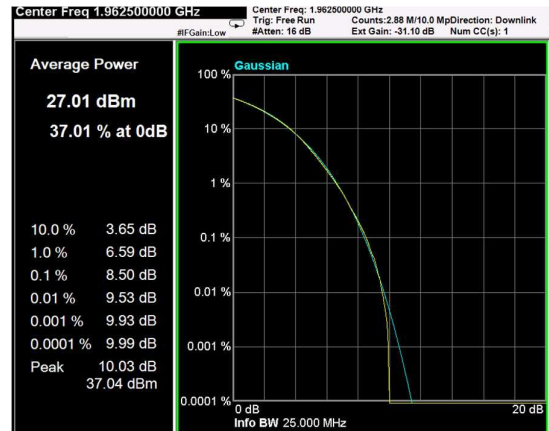
Channel: BOTTOM, Modulation: 256QAM, BW=5MHz, Channel Power



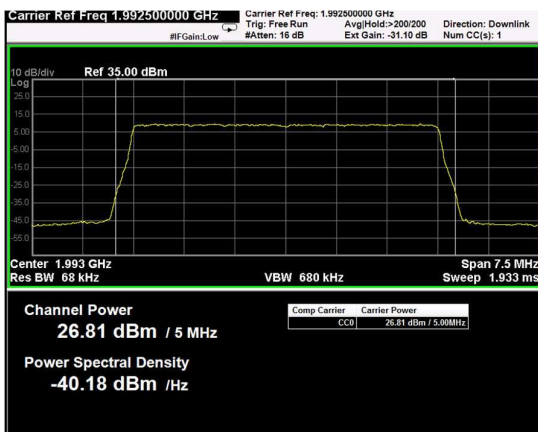
Channel: BOTTOM, Modulation: 256QAM, BW=5MHz, CCDF



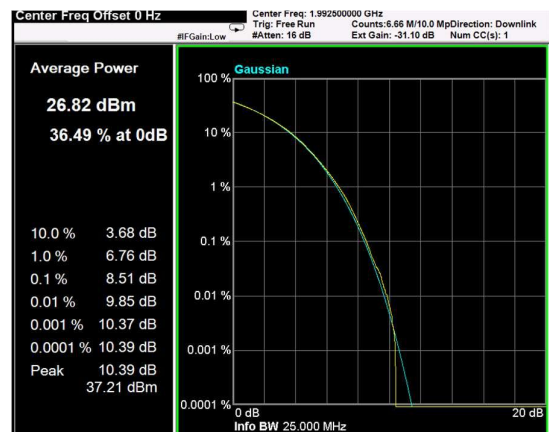
Channel: MIDDLE, Modulation: 256QAM, BW=5MHz, Channel Power



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

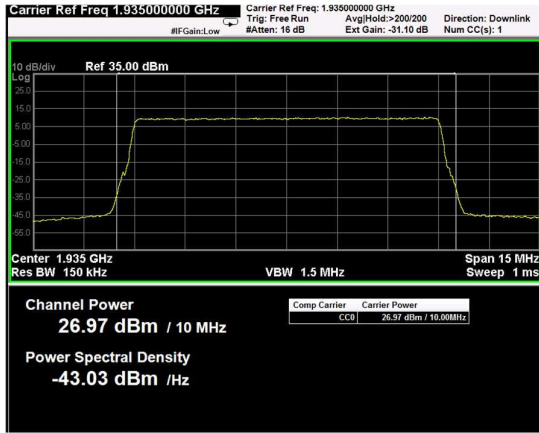


Channel: TOP, Modulation: 256QAM, BW=5MHz, Channel Power

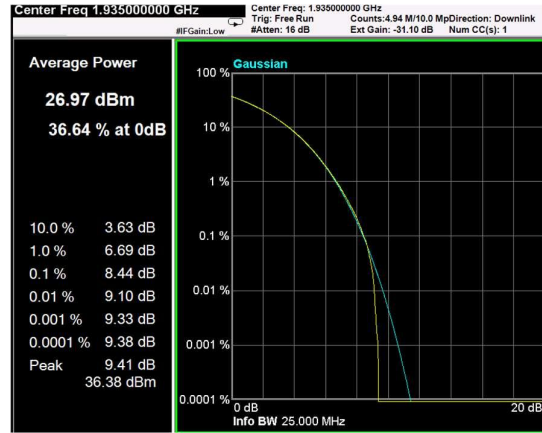


Channel: TOP, Modulation: 256QAM, BW=5MHz, CCDF

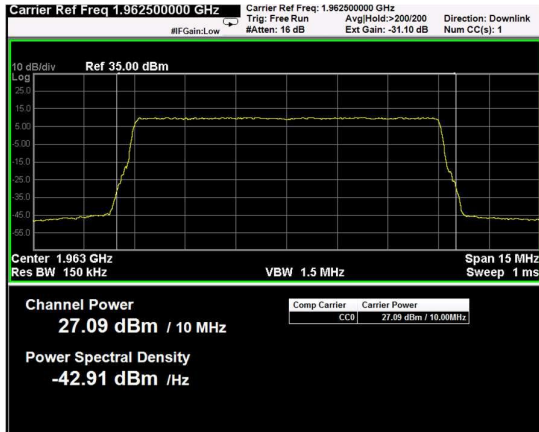
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 10MHz (QPSK)	1935	27.0	0.498	9.4
Down-link	LTE 10MHz (QPSK)	1962.5	27.1	0.512	9.1
Down-link	LTE 10MHz (QPSK)	1990	26.8	0.476	9.1
Down-link	LTE 10MHz (16QAM)	1935	27.0	0.500	9.3
Down-link	LTE 10MHz (16QAM)	1962.5	27.1	0.512	9.1
Down-link	LTE 10MHz (16QAM)	1990	26.7	0.472	9.1
Down-link	LTE 10MHz (64QAM)	1935	27.0	0.497	9.4
Down-link	LTE 10MHz (64QAM)	1962.5	27.0	0.504	9.1
Down-link	LTE 10MHz (64QAM)	1990	26.7	0.471	9.1
Down-link	LTE 10MHz (256QAM)	1935	26.8	0.476	9.6
Down-link	LTE 10MHz (256QAM)	1962.5	27.1	0.507	9.1
Down-link	LTE 10MHz (256QAM)	1990	26.8	0.474	9.1



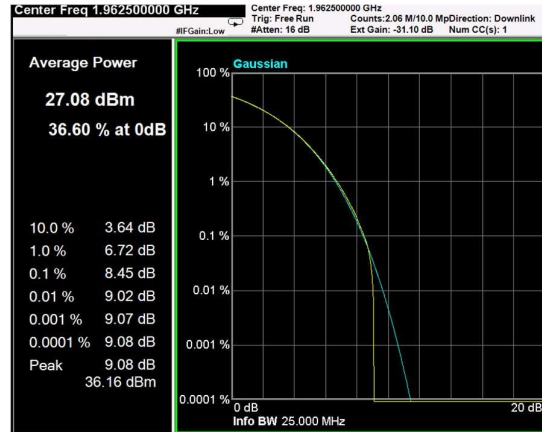
Channel: BOTTOM, Modulation: QPSK, BW=10MHz, Channel Power



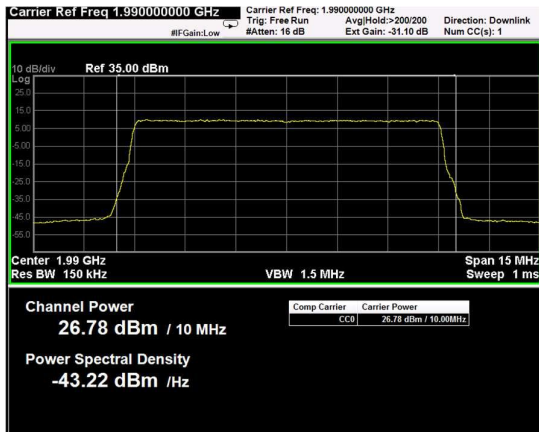
Channel: BOTTOM, Modulation: QPSK, BW=10MHz, CCDF



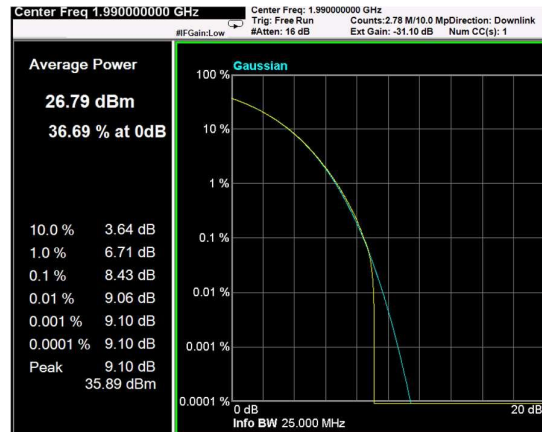
Channel: MIDDLE, Modulation: QPSK, BW=10MHz, Channel Power



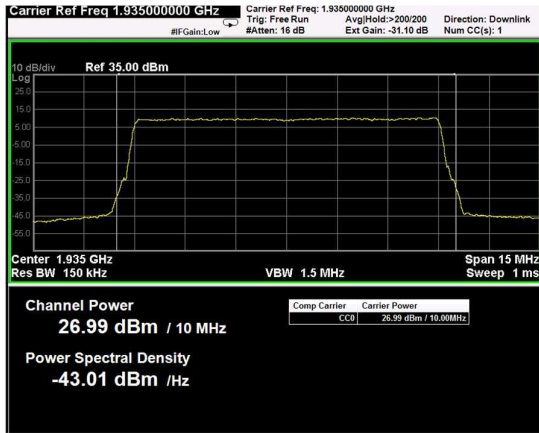
Channel: MIDDLE, Modulation: QPSK, BW=10MHz, CCDF



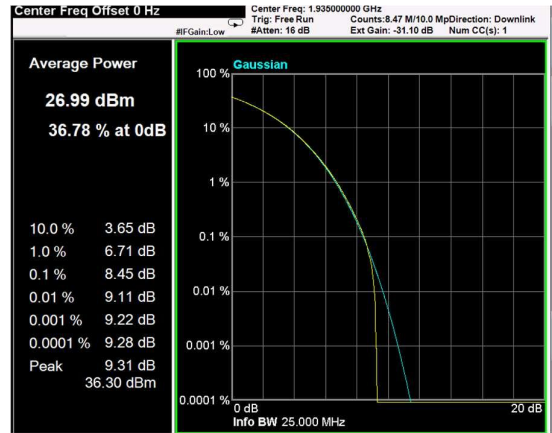
Channel: TOP, Modulation: QPSK, BW=10MHz, Channel Power



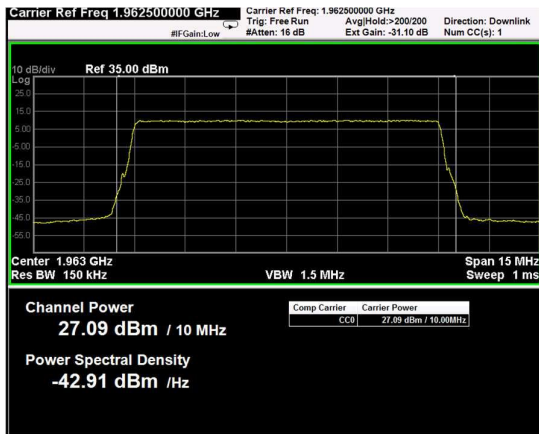
Channel: TOP, Modulation: QPSK, BW=10MHz, CCDF



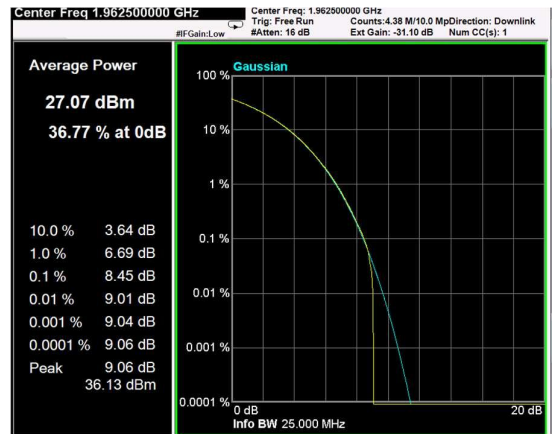
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Channel Power



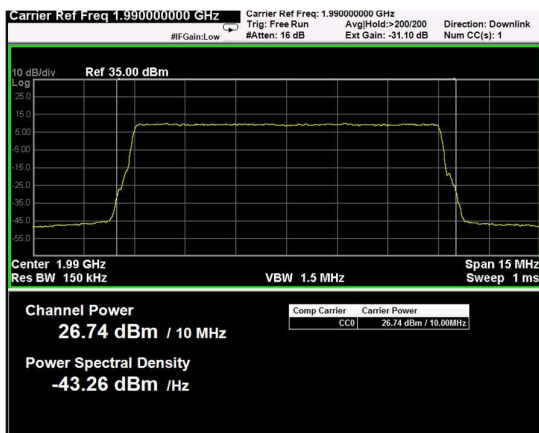
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, CCDF



Channel: MIDDLE, Modulation: 16QAM, BW=10MHz, Channel Power



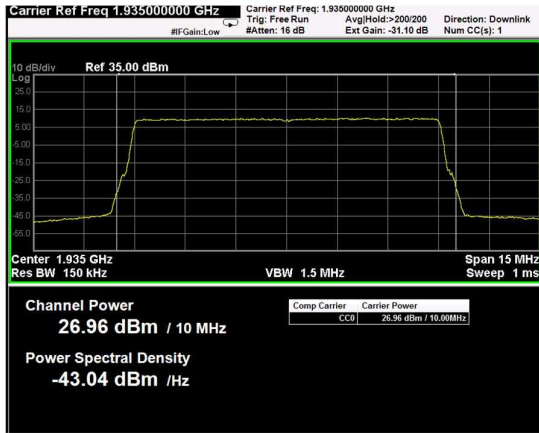
Channel: MIDDLE, Modulation: 16QAM, BW=10MHz, CCDF



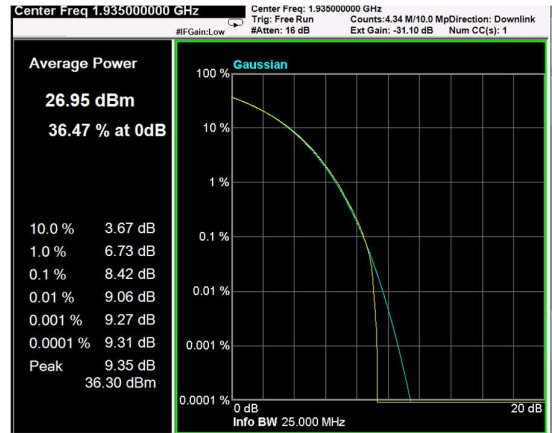
Channel: TOP, Modulation: 16QAM, BW=10MHz, Channel Power



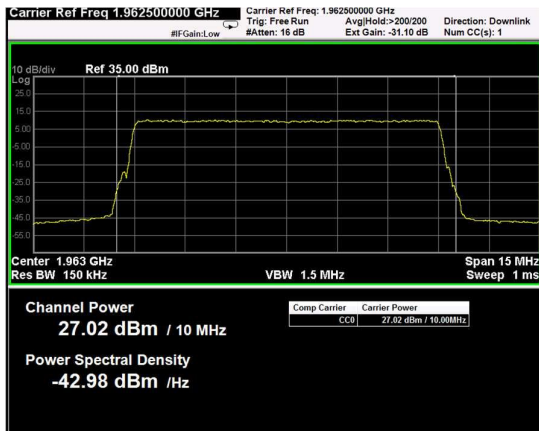
Channel: TOP, Modulation: 16QAM, BW=10MHz, CCDF



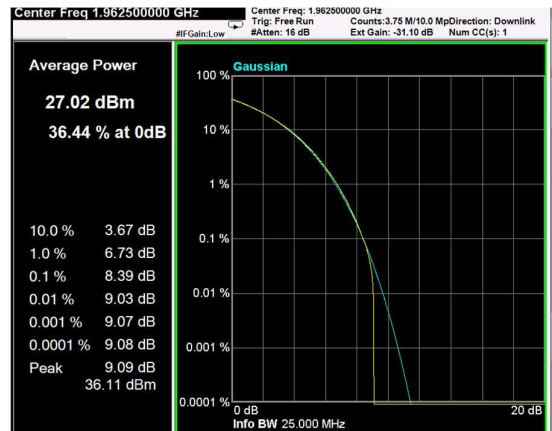
Channel: BOTTOM, Modulation: 64QAM, BW=10MHz, Channel Power



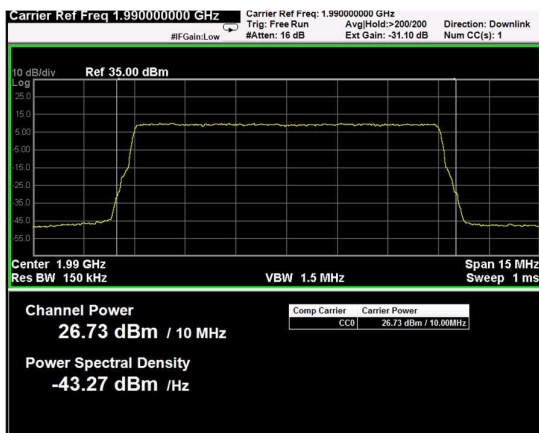
Channel: BOTTOM, Modulation: 64QAM, BW=10MHz, CCDF



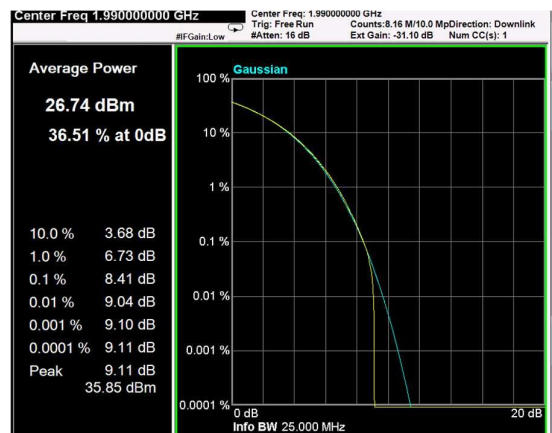
Channel: MIDDLE, Modulation: 64QAM, BW=10MHz, Channel Power



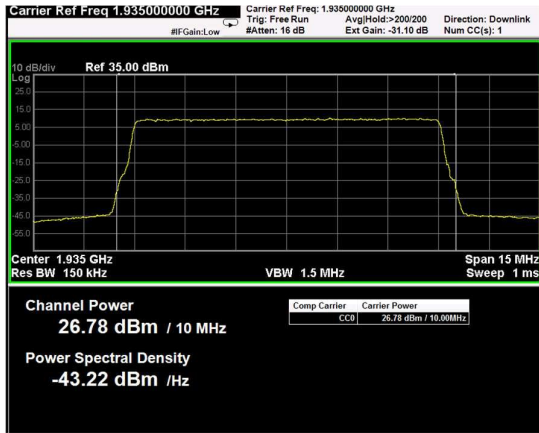
Channel: MIDDLE, Modulation: 64QAM, BW=10MHz, CCDF



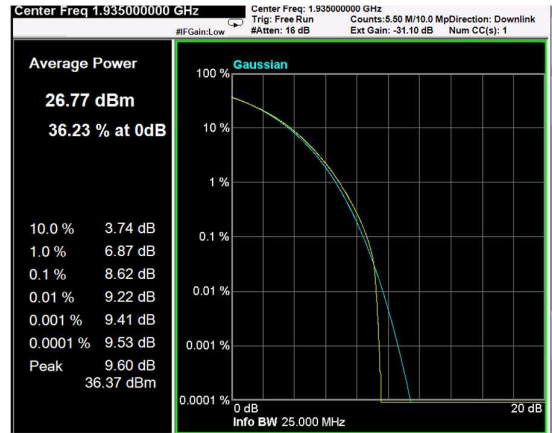
Channel: TOP, Modulation: 64QAM, BW=10MHz, Channel Power



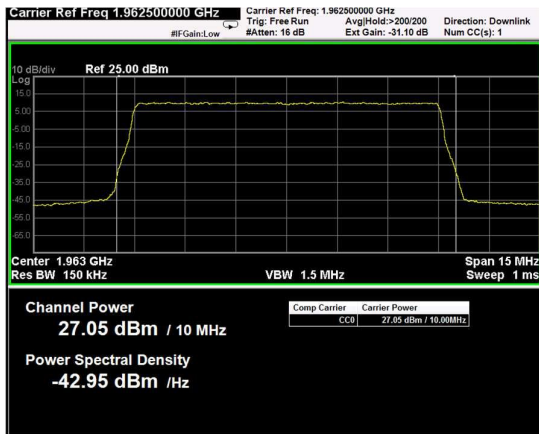
Channel: TOP, Modulation: 64QAM, BW=10MHz, CCDF



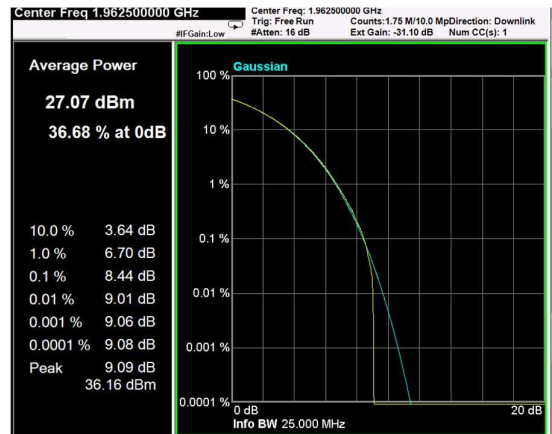
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Channel Power



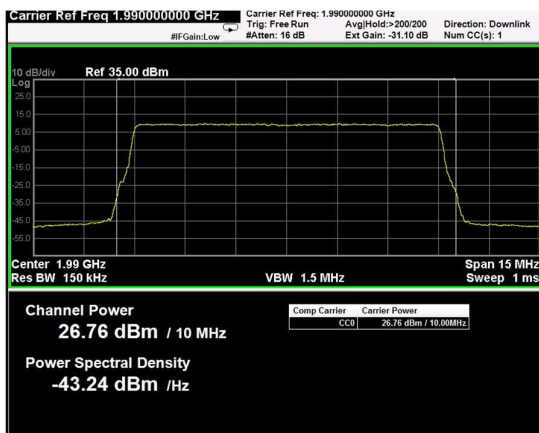
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, CCDF



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



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

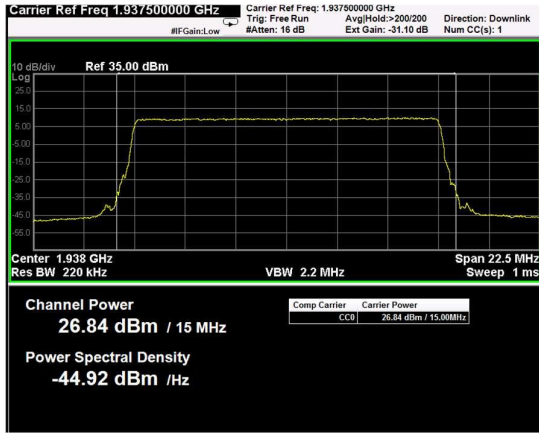


Channel: TOP, Modulation: 256QAM, BW=10MHz, Channel Power

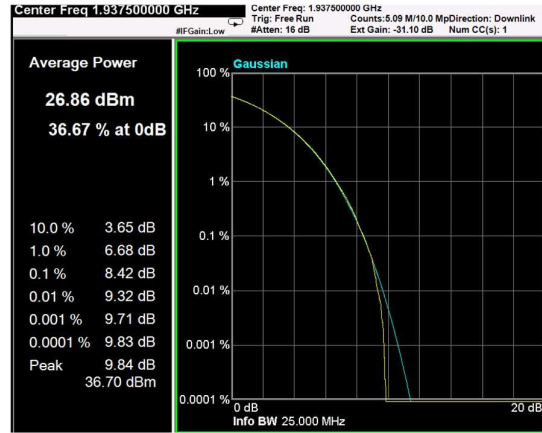


Channel: TOP, Modulation: 256QAM, BW=10MHz, CCDF

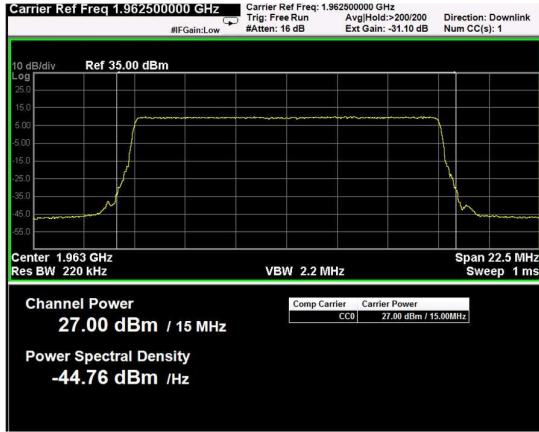
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 15MHz (QPSK)	1937.5	26.8	0.483	9.8
Down-link	LTE 15MHz (QPSK)	1962.5	27.0	0.501	9.6
Down-link	LTE 15MHz (QPSK)	1987.5	26.6	0.455	9.6
Down-link	LTE 15MHz (16QAM)	1937.5	26.9	0.492	9.8
Down-link	LTE 15MHz (16QAM)	1962.5	27.0	0.501	9.6
Down-link	LTE 15MHz (16QAM)	1987.5	26.6	0.458	9.6
Down-link	LTE 15MHz (64QAM)	1937.5	26.9	0.492	9.9
Down-link	LTE 15MHz (64QAM)	1962.5	27.0	0.502	9.6
Down-link	LTE 15MHz (64QAM)	1987.5	26.7	0.462	9.5
Down-link	LTE 15MHz (256QAM)	1937.5	26.9	0.485	9.8
Down-link	LTE 15MHz (256QAM)	1962.5	26.9	0.484	9.7
Down-link	LTE 15MHz (256QAM)	1987.5	26.6	0.456	9.5



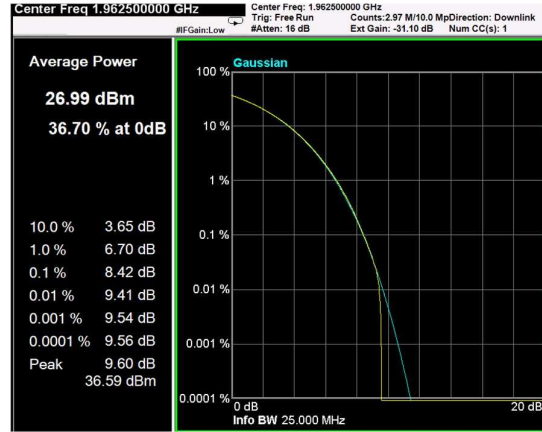
Channel: BOTTOM, Modulation: QPSK, BW=15MHz, Channel Power



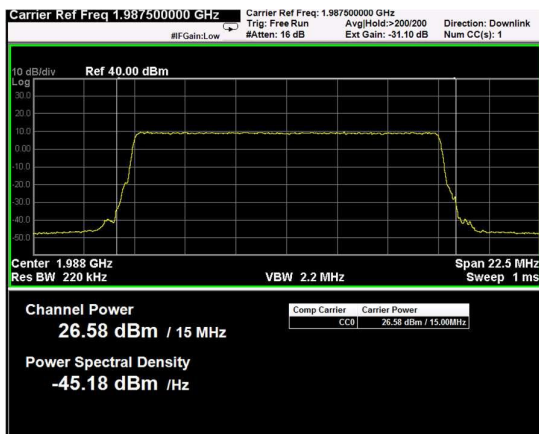
Channel: BOTTOM, Modulation: QPSK, BW=15MHz, CCDF



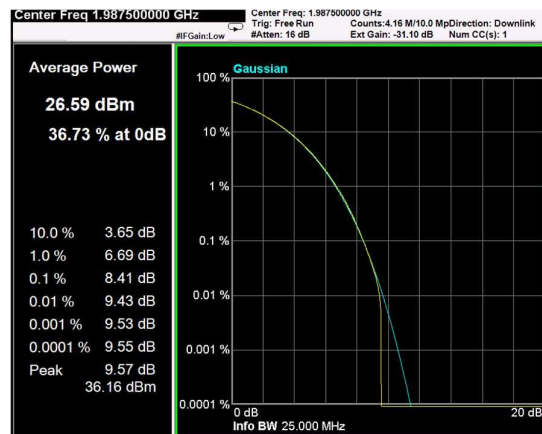
Channel: MIDDLE, Modulation: QPSK, BW=15MHz, Channel Power



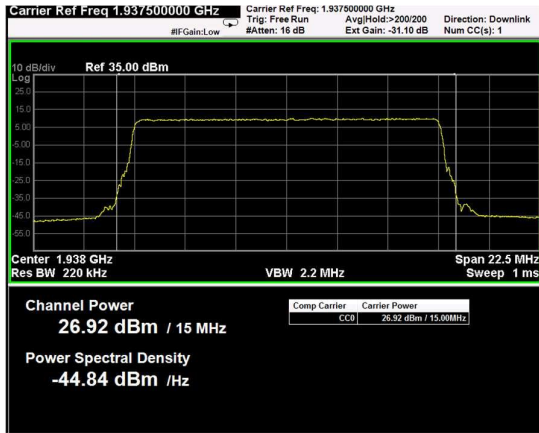
Channel: MIDDLE, Modulation: QPSK, BW=15MHz, CCDF



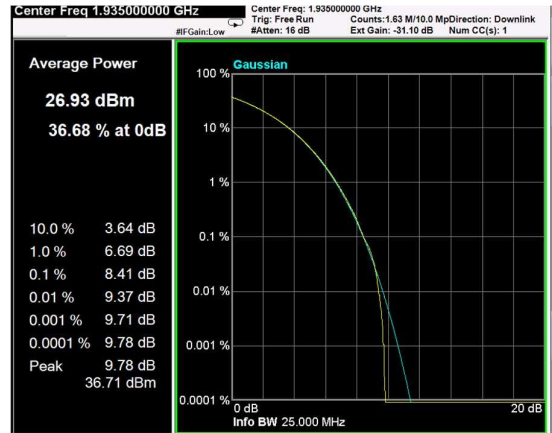
Channel: TOP, Modulation: QPSK, BW=15MHz, Channel Power



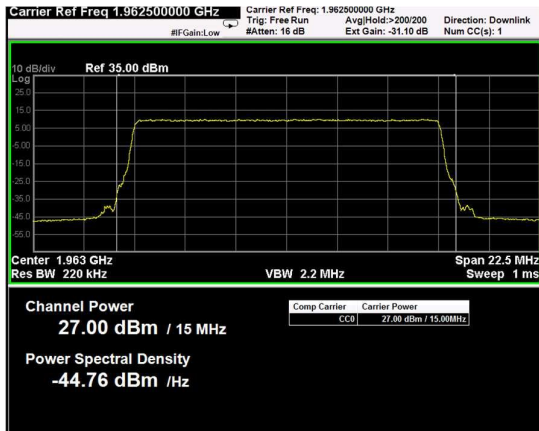
Channel: TOP, Modulation: QPSK, BW=15MHz, CCDF



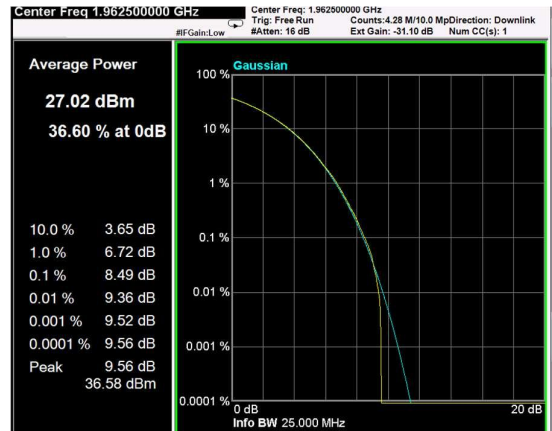
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Channel Power



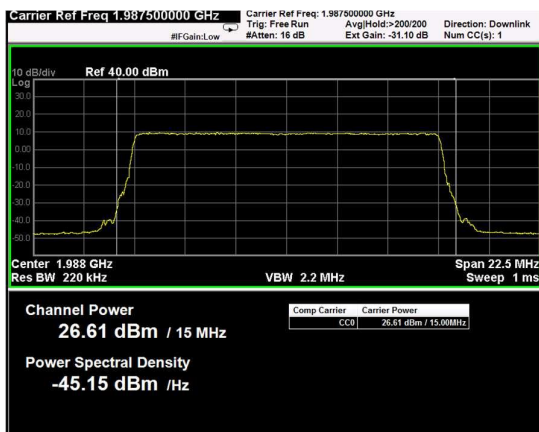
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, CCDF



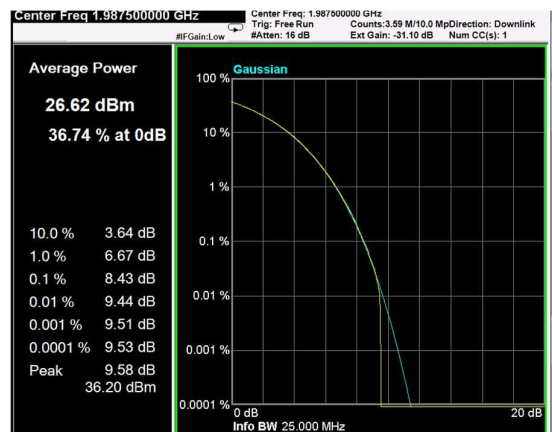
Channel: MIDDLE, Modulation: 16QAM, BW=15MHz, Channel Power



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



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



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