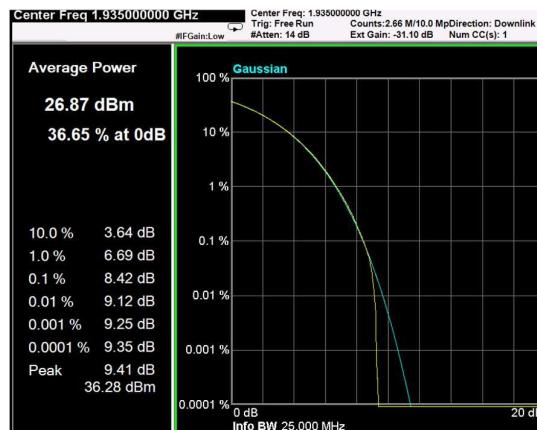
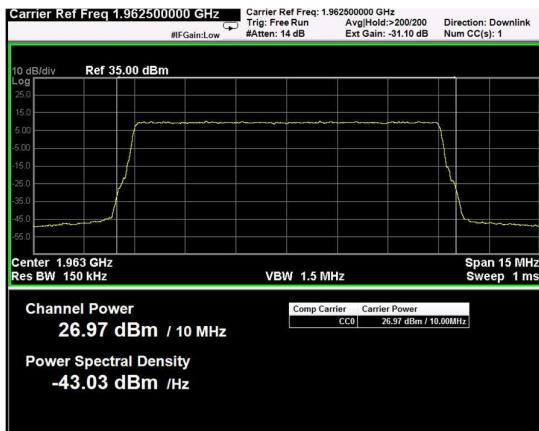


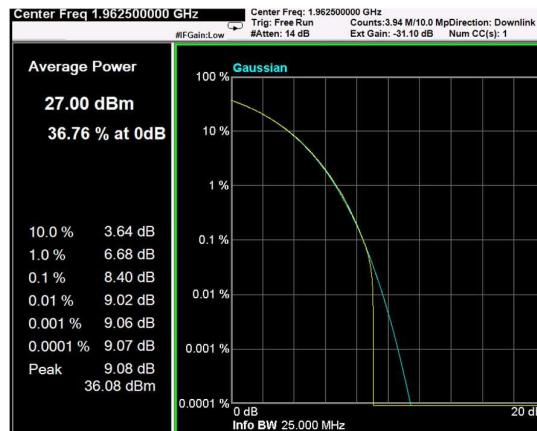
Channel: BOTTOM, Modulation: QPSK,
BW=10MHz, Channel Power



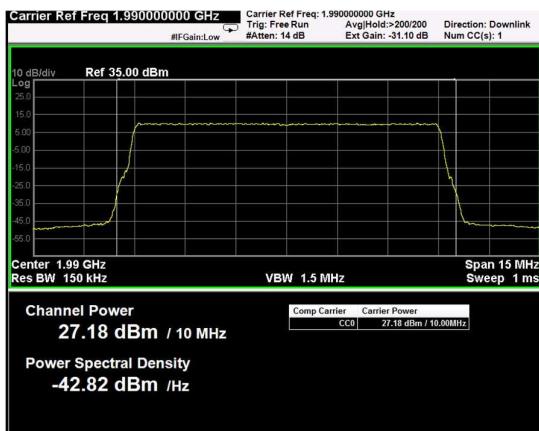
Channel: BOTTOM, Modulation: QPSK,
BW=10MHz, CCDF



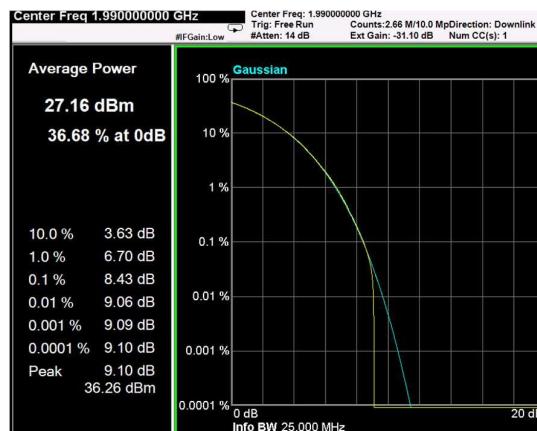
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Channel Power



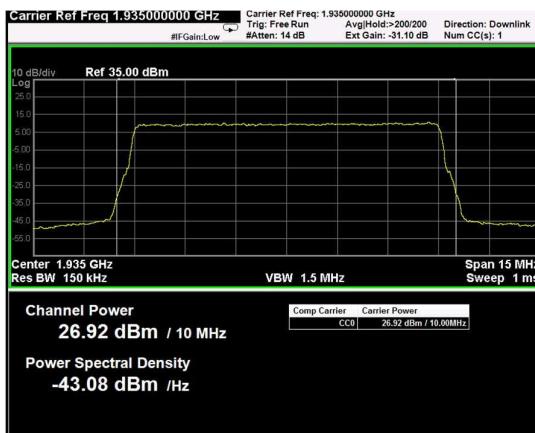
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, CCDF



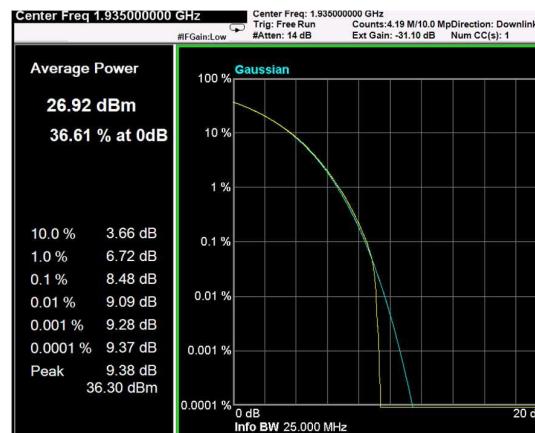
Channel: TOP, Modulation: QPSK,
BW=10MHz, Channel Power



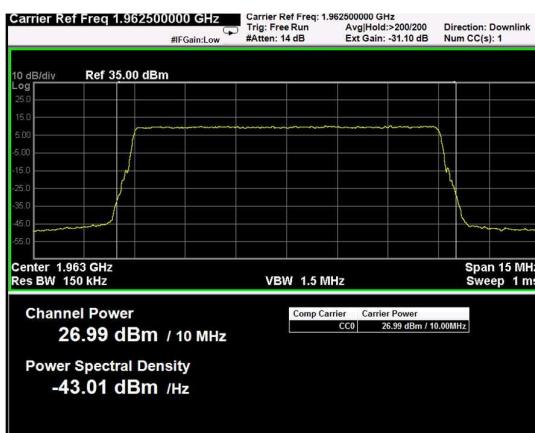
Channel: TOP, Modulation: QPSK,
BW=10MHz, CCDF



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



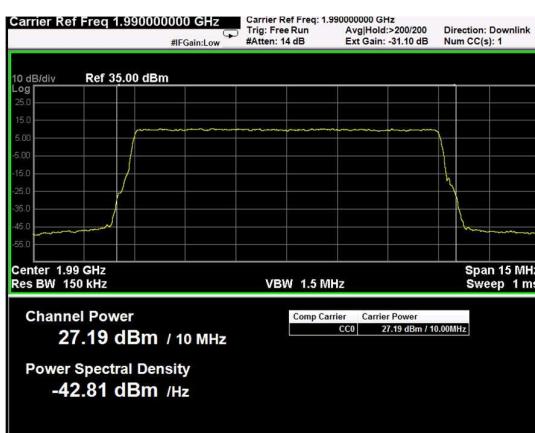
Channel: BOTTOM, Modulation: 16QAM,
BW=10MHz, CCDF



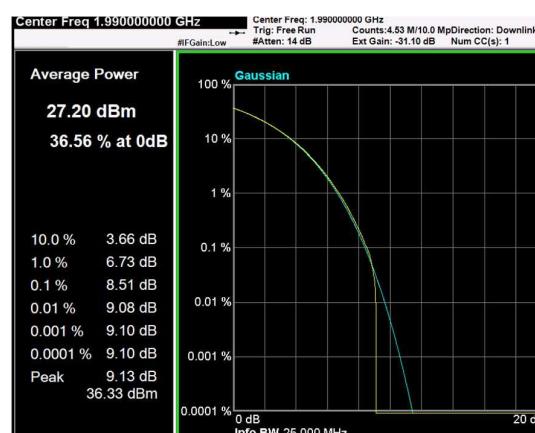
Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, Channel Power



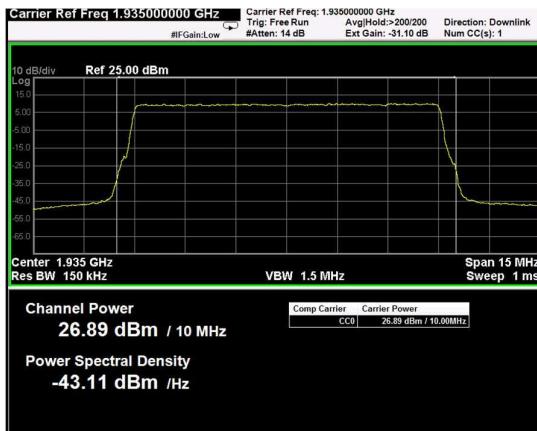
Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, CCDF



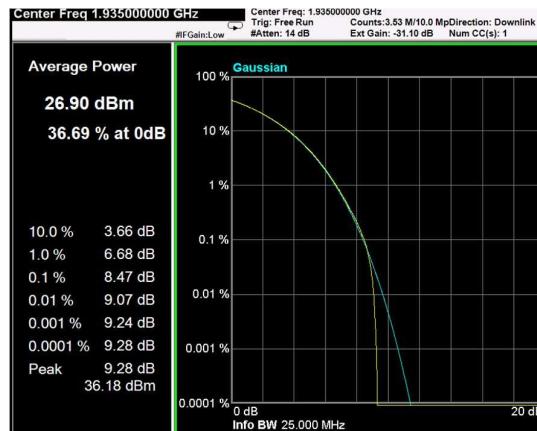
Channel: TOP, Modulation: 16QAM,
BW=10MHz, Channel Power



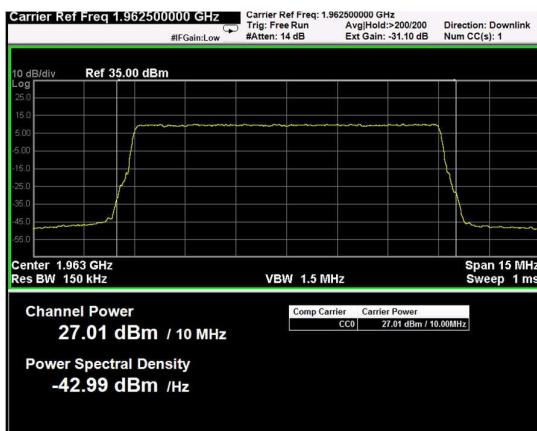
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BW=10MHz, CCDF



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



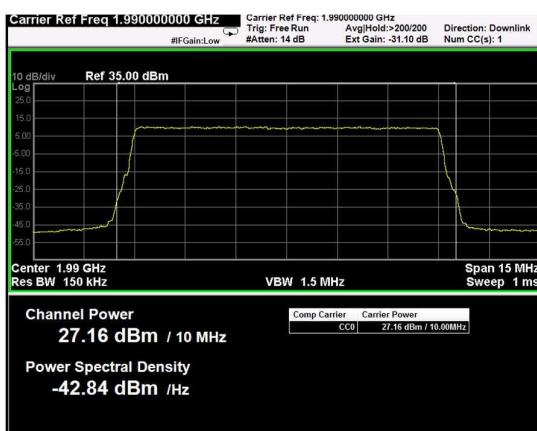
Channel: BOTTOM, Modulation: 64QAM,
 BW=10MHz, CCDF



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



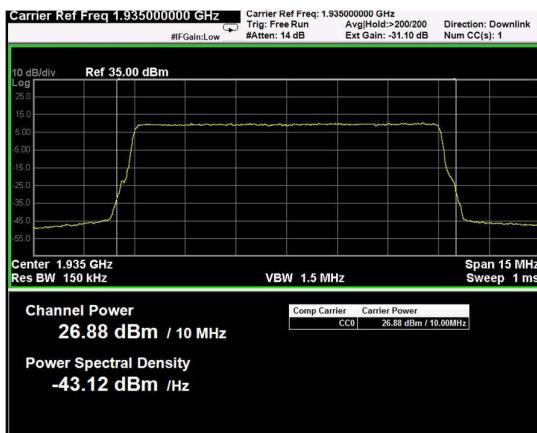
Channel: MIDDLE, Modulation: 64QAM,
 BW=10MHz, CCDF



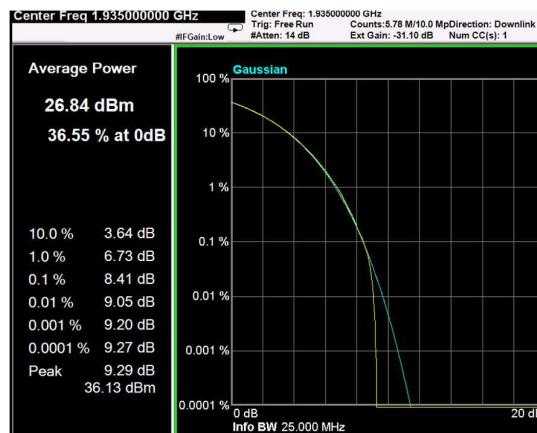
Channel: TOP, Modulation: 64QAM,
 BW=10MHz, Channel Power



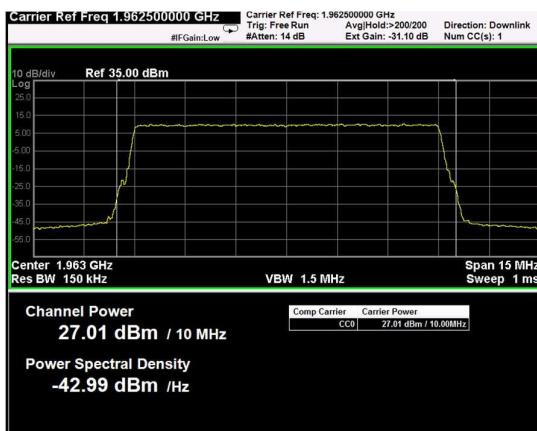
Channel: TOP, Modulation: 64QAM,
 BW=10MHz, CCDF



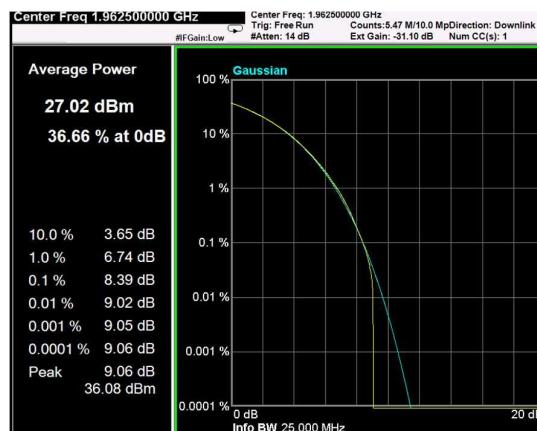
Channel: BOTTOM, Modulation: 256QAM,
 BW=10MHz, Channel Power



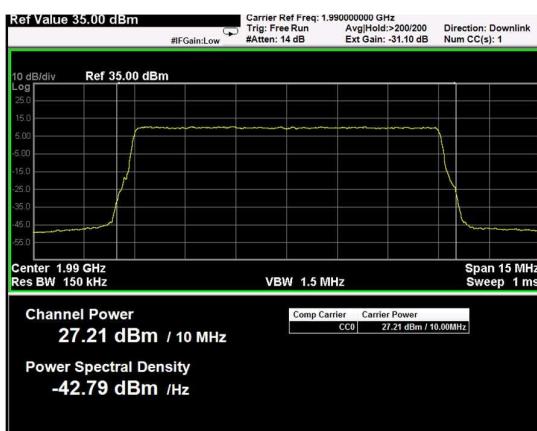
Channel: BOTTOM, Modulation: 256QAM,
 BW=10MHz, CCDF



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



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



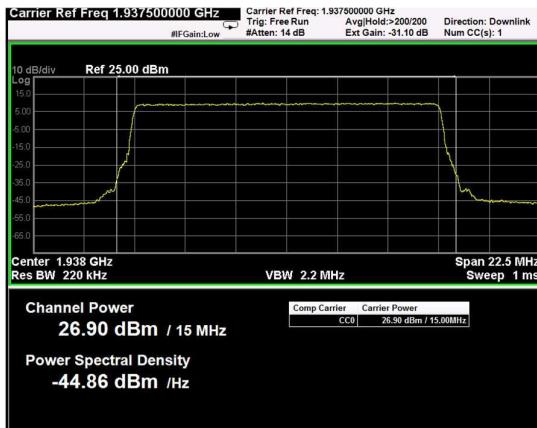
Channel: TOP, Modulation: 256QAM,
 BW=10MHz, Channel Power



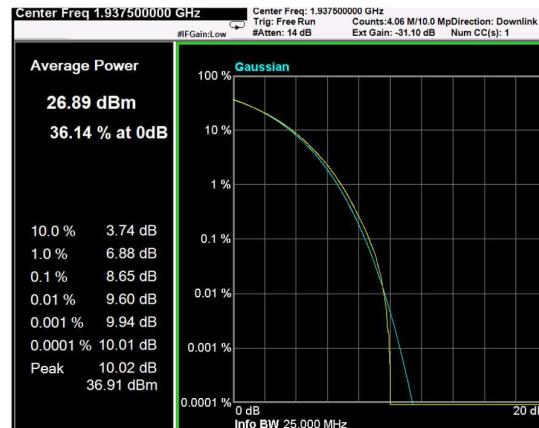
Channel: TOP, Modulation: 256QAM,
 BW=10MHz, CCDF



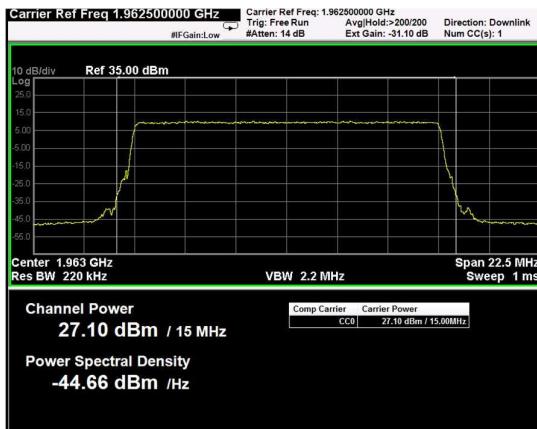
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 15MHz (QPSK)	1937.5	26.9	0.490	10.0
Down-link	LTE 15MHz (QPSK)	1962.5	27.1	0.513	9.6
Down-link	LTE 15MHz (QPSK)	1987.5	26.8	0.482	9.6
Down-link	LTE 15MHz (16QAM)	1937.5	27.4	0.550	10.0
Down-link	LTE 15MHz (16QAM)	1962.5	27.1	0.512	9.6
Down-link	LTE 15MHz (16QAM)	1987.5	26.9	0.484	9.6
Down-link	LTE 15MHz (64QAM)	1937.5	27.4	0.550	9.8
Down-link	LTE 15MHz (64QAM)	1962.5	27.1	0.512	9.6
Down-link	LTE 15MHz (64QAM)	1987.5	26.8	0.481	9.6
Down-link	LTE 15MHz (256QAM)	1937.5	27.4	0.553	9.8
Down-link	LTE 15MHz (256QAM)	1962.5	27.0	0.505	9.7
Down-link	LTE 15MHz (256QAM)	1987.5	26.8	0.479	9.5



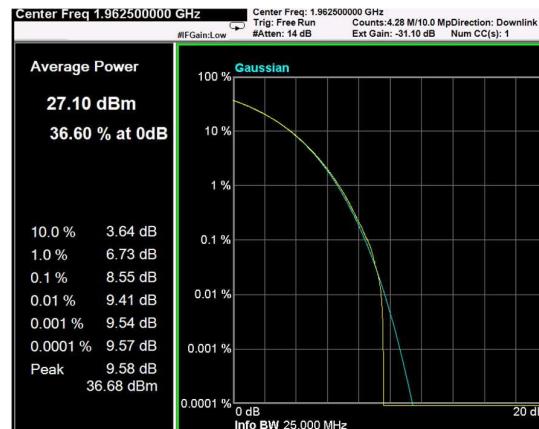
Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, Channel Power



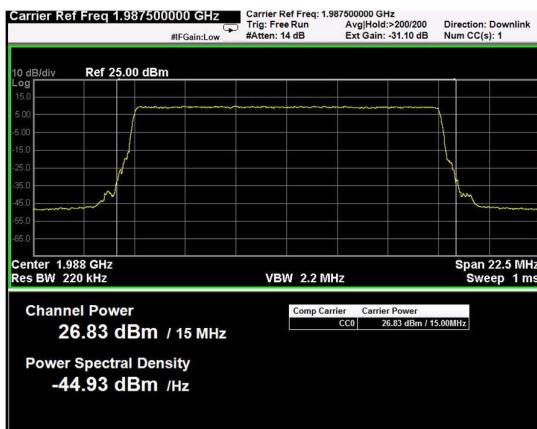
Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, CCDF



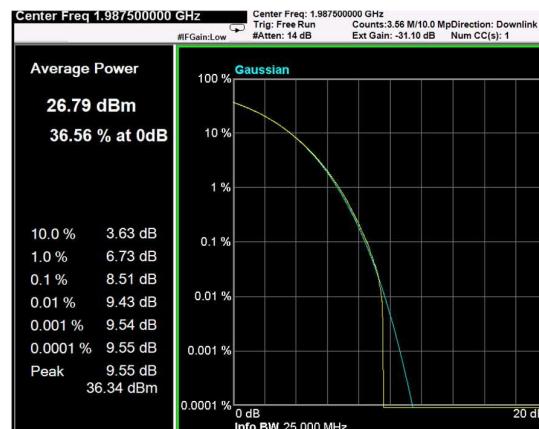
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Channel Power



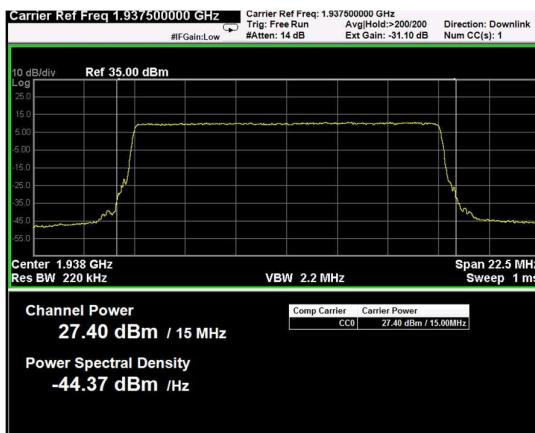
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, CCDF



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



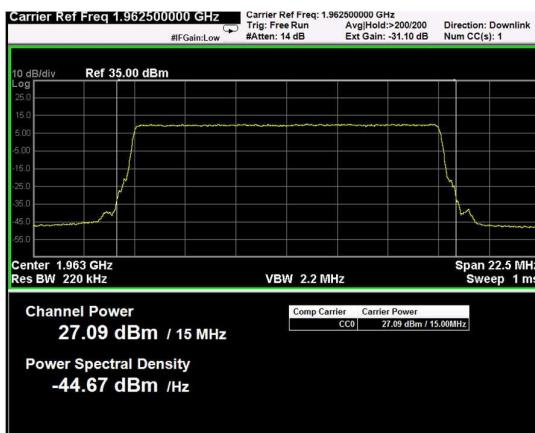
Channel: TOP, Modulation: QPSK,
BW=15MHz, CCDF



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



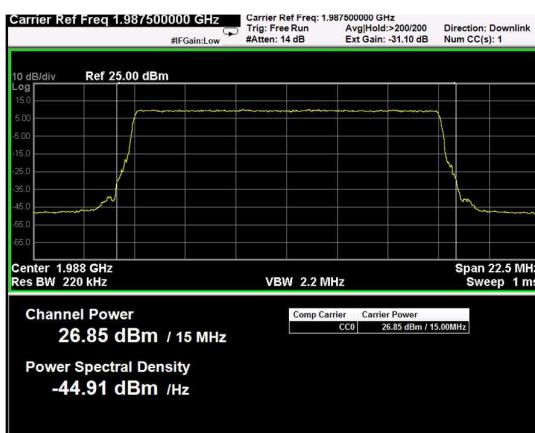
Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, CCDF



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



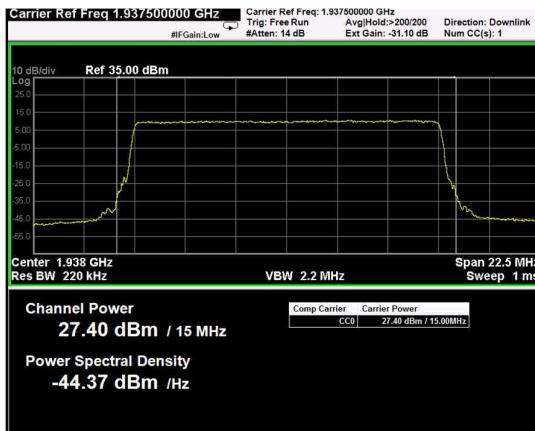
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BW=15MHz, CCDF



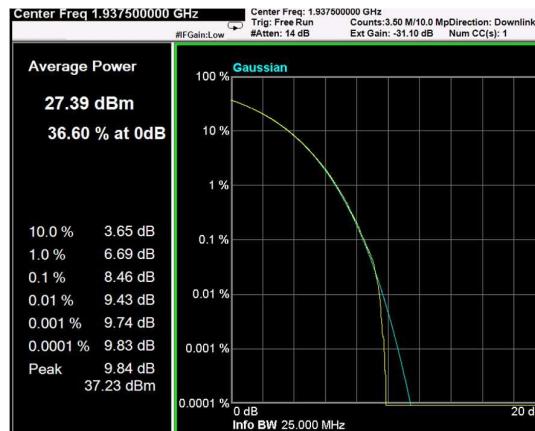
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BW=15MHz, Channel Power



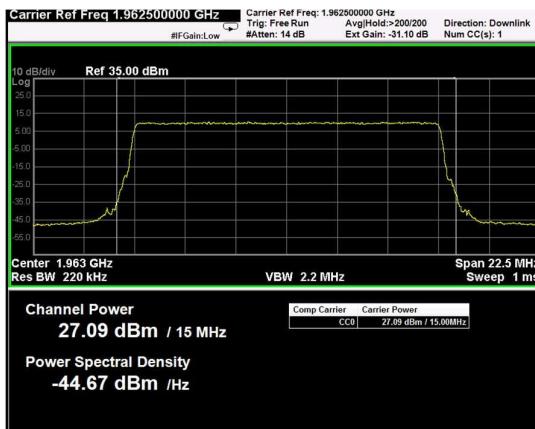
Channel: TOP, Modulation: 16QAM,
BW=15MHz, CCDF



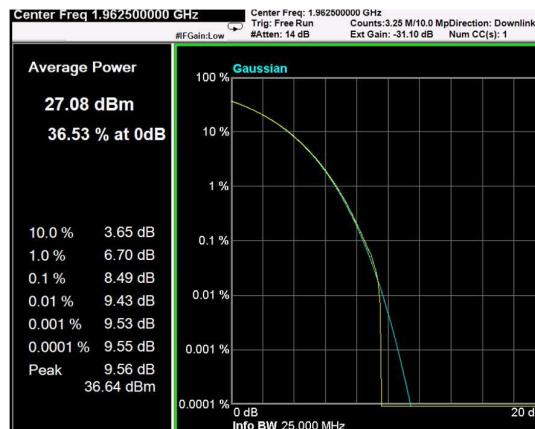
Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Channel Power



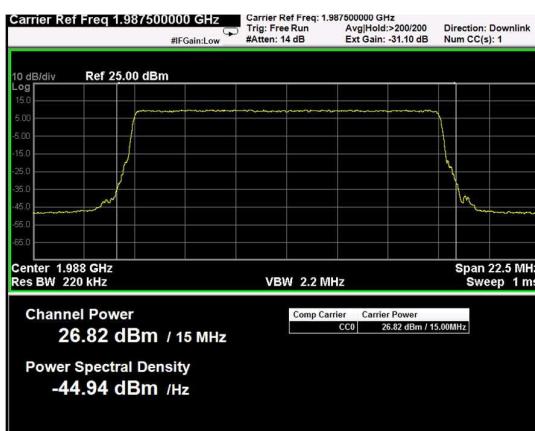
Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, CCDF



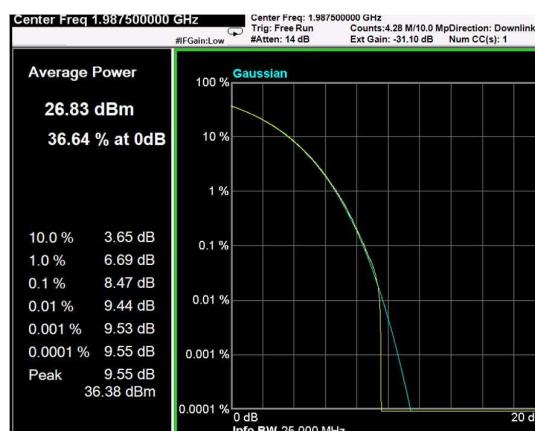
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Channel Power



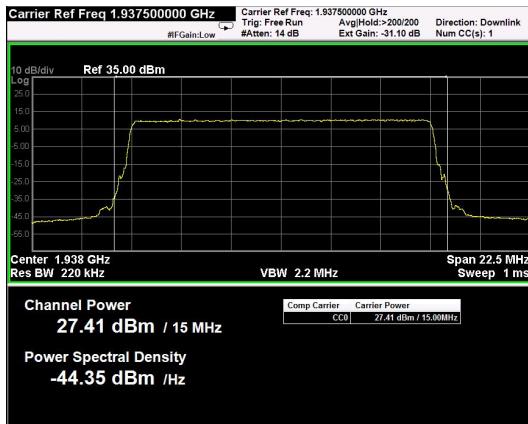
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, CCDF



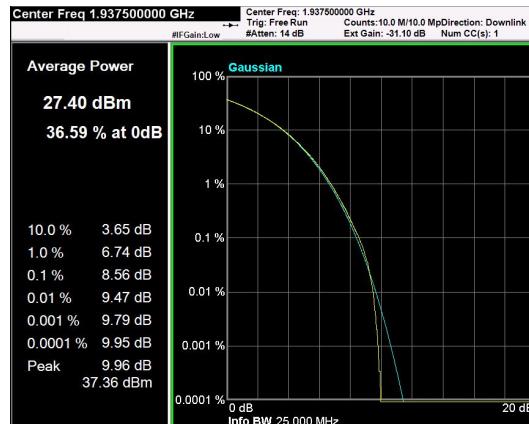
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Channel Power



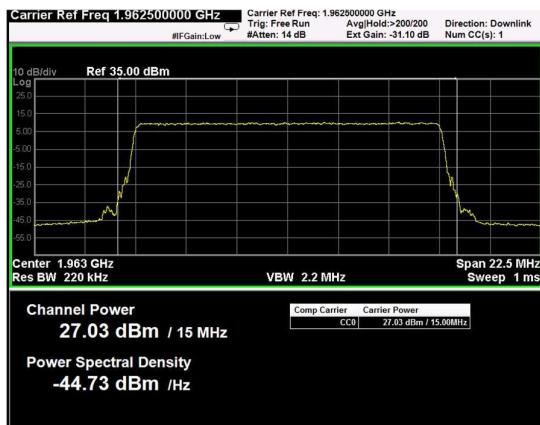
Channel: TOP, Modulation: 64QAM,
BW=15MHz, CCDF



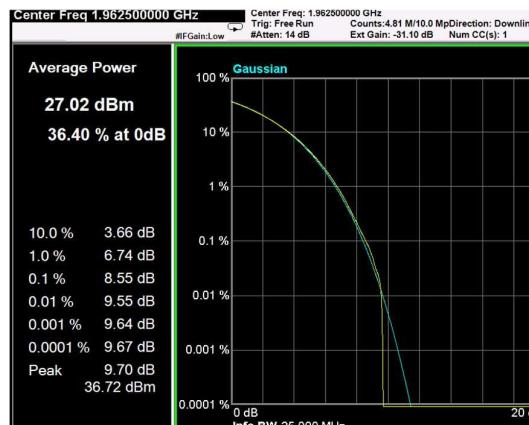
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Channel Power



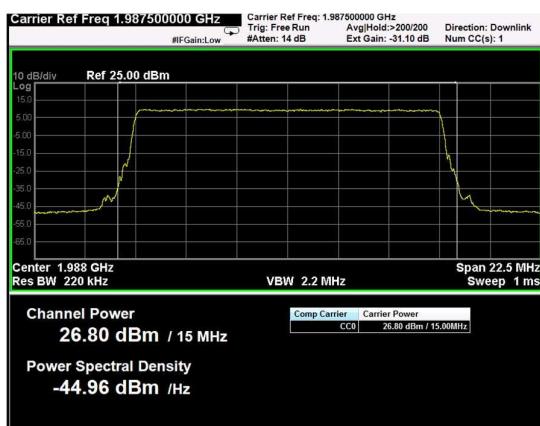
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, CCDF



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



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



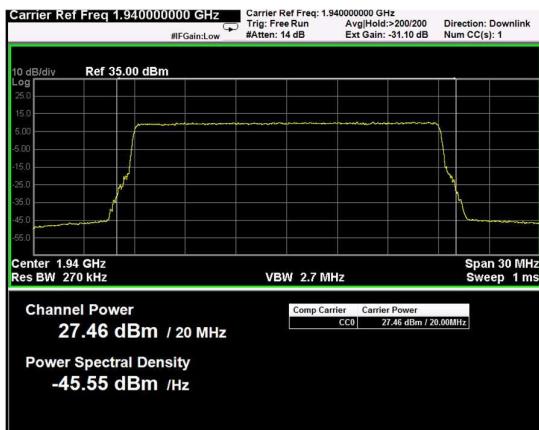
Channel: TOP, Modulation: 256QAM, BW=15MHz, Channel Power



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



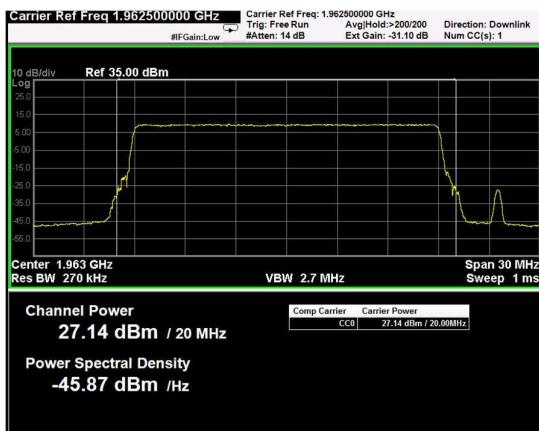
Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	LTE 20MHz (QPSK)	1940	27.5	0.557	9.6
Down-link	LTE 20MHz (QPSK)	1962.5	27.1	0.518	9.2
Down-link	LTE 20MHz (QPSK)	1985	26.8	0.475	9.1
Down-link	LTE 20MHz (16QAM)	1940	27.5	0.560	9.6
Down-link	LTE 20MHz (16QAM)	1962.5	27.2	0.519	9.3
Down-link	LTE 20MHz (16QAM)	1985	26.7	0.462	9.3
Down-link	LTE 20MHz (64QAM)	1940	27.5	0.556	9.8
Down-link	LTE 20MHz (64QAM)	1962.5	27.1	0.514	9.2
Down-link	LTE 20MHz (64QAM)	1985	26.8	0.482	9.1
Down-link	LTE 20MHz (256QAM)	1940	27.5	0.556	9.6
Down-link	LTE 20MHz (256QAM)	1962.5	27.1	0.515	9.1
Down-link	LTE 20MHz (256QAM)	1985	26.8	0.480	9.1



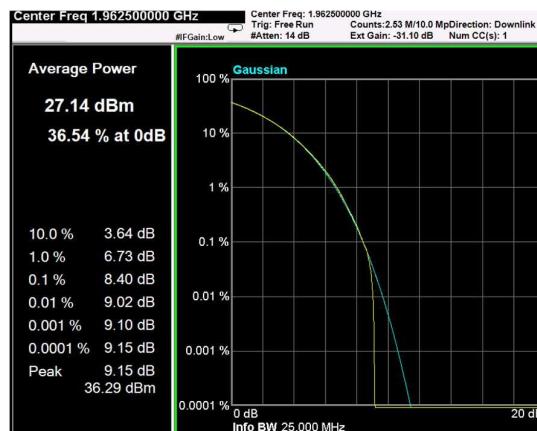
Channel: BOTTOM, Modulation: QPSK,
BW=20MHz, Channel Power



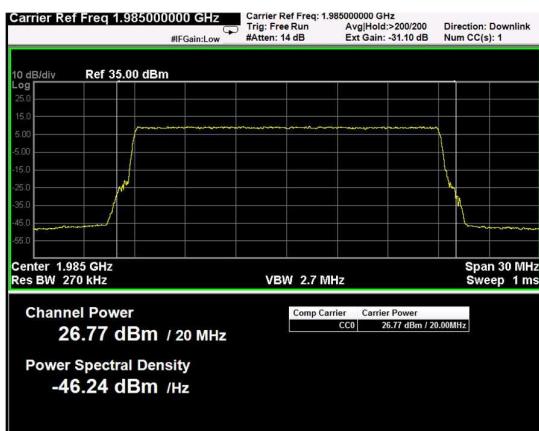
Channel: BOTTOM, Modulation: QPSK,
BW=20MHz, CCDF



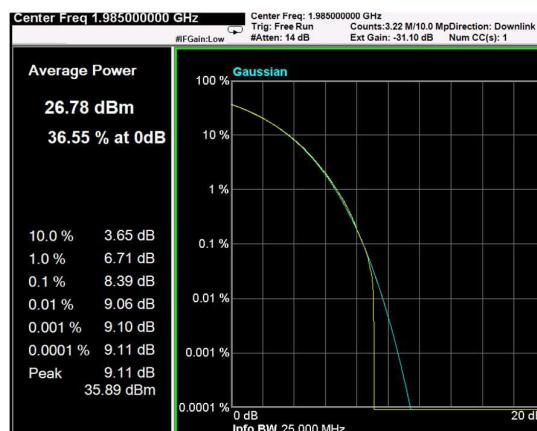
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Channel Power



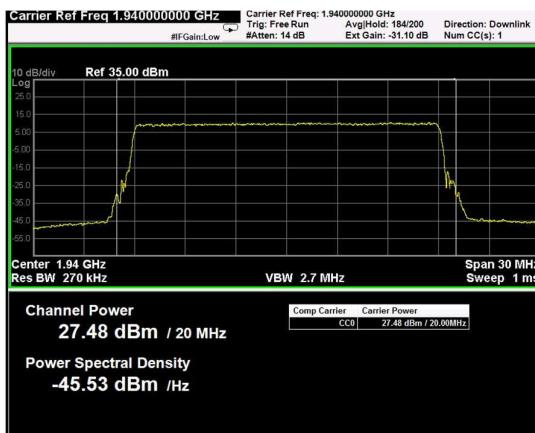
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, CCDF



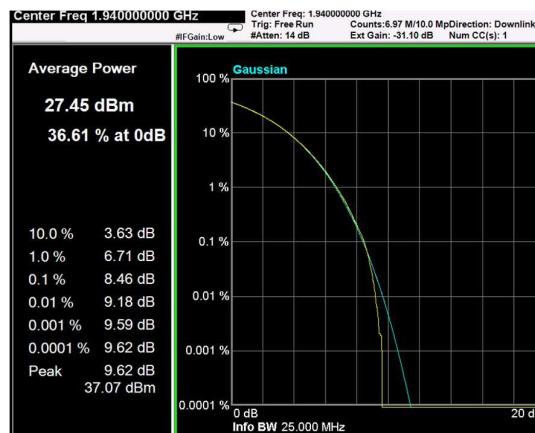
Channel: TOP, Modulation: QPSK,
BW=20MHz, Channel Power



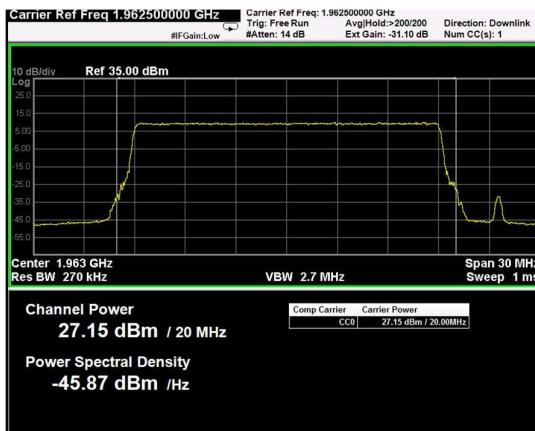
Channel: TOP, Modulation: QPSK,
BW=20MHz, CCDF



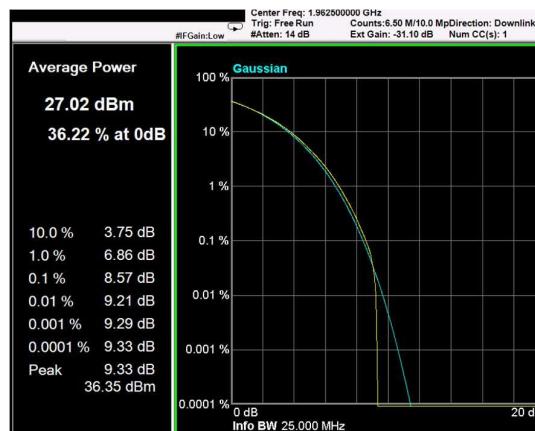
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Channel Power



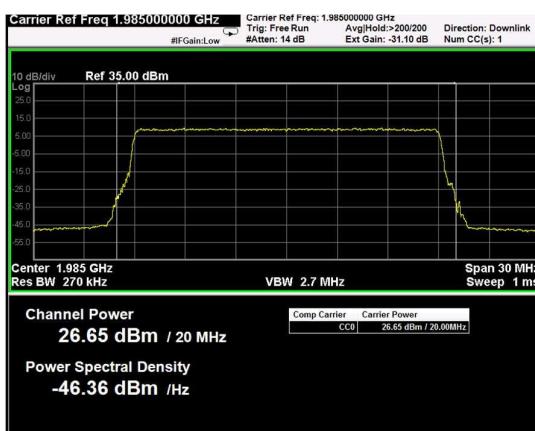
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, CCDF



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



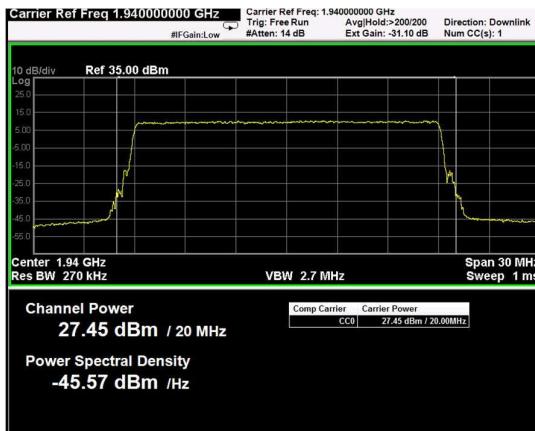
Channel: MIDDLE, Modulation: 16QAM,
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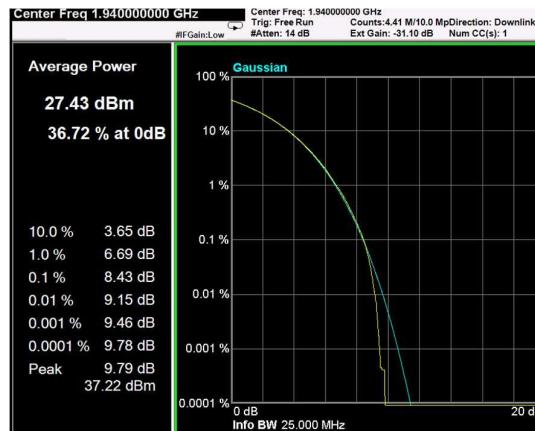
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Channel Power



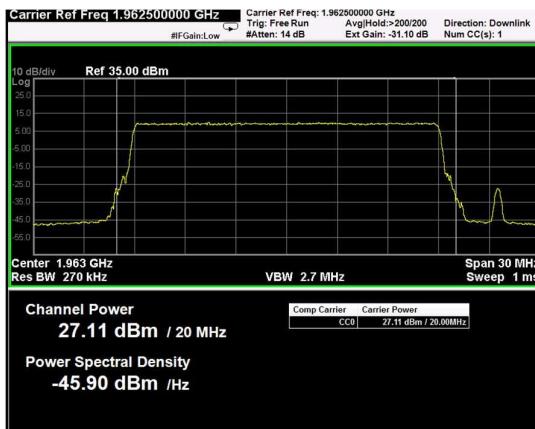
Channel: TOP, Modulation: 16QAM,
BW=20MHz, CCDF



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



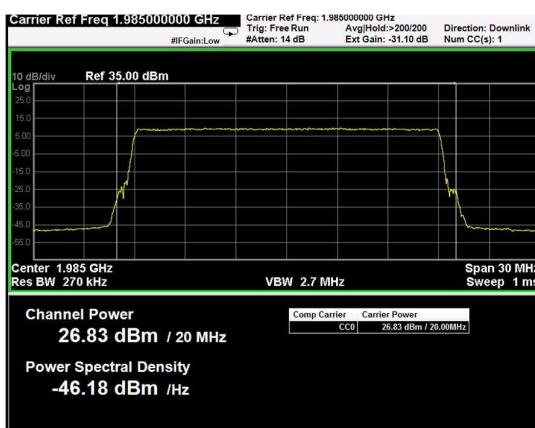
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, CCDF



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



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



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



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