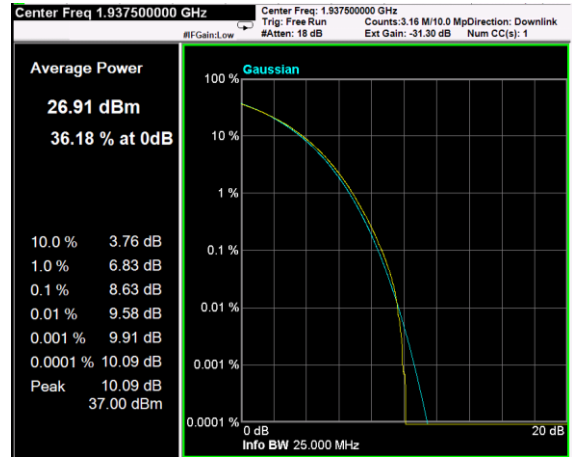
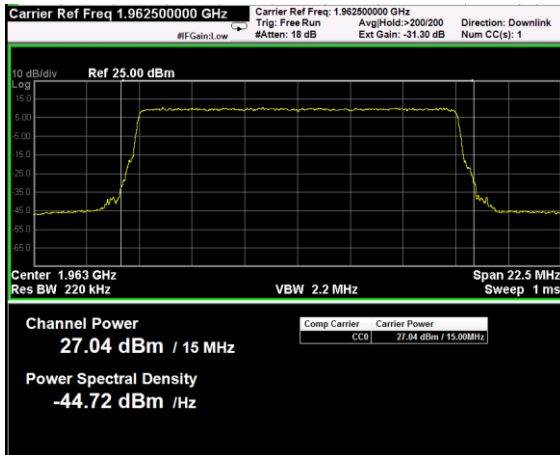


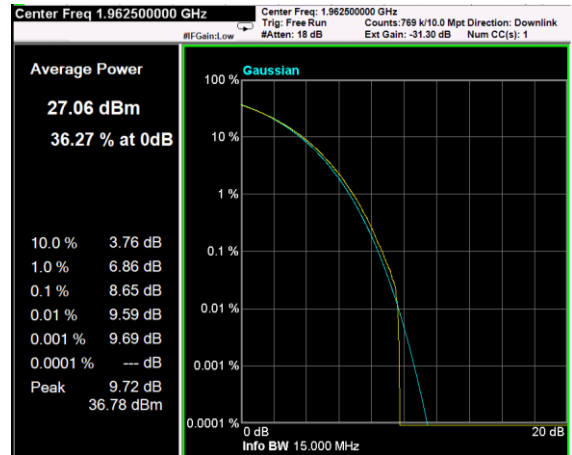
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Channel Power



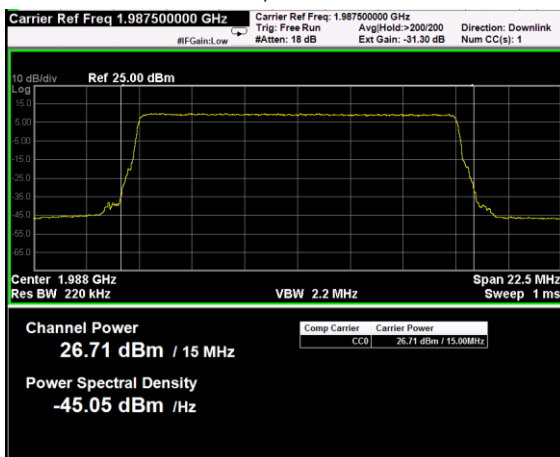
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, CCDF



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



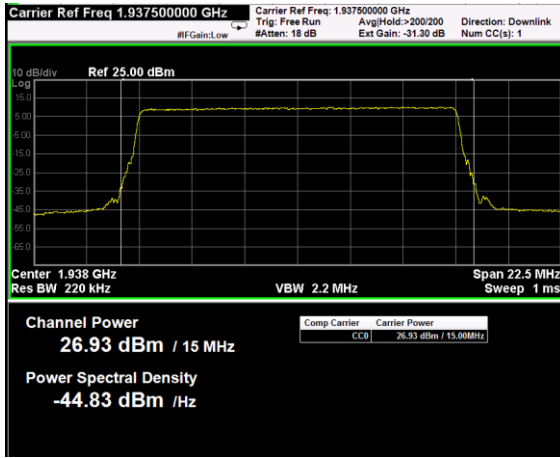
Channel: MIDDLE, Modulation: 16QAM, BW=15MHz, CCDF



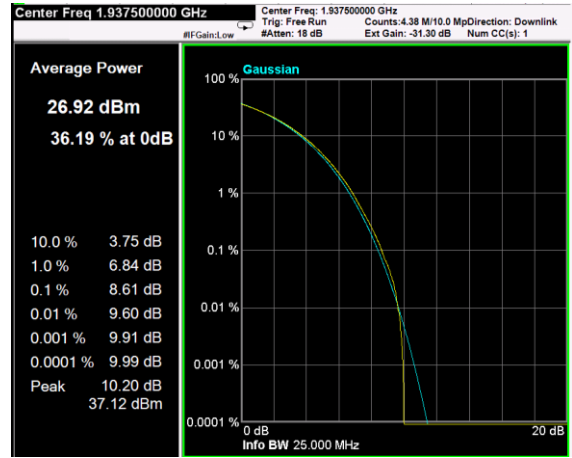
Channel: TOP, Modulation: 16QAM, BW=15MHz, Channel Power



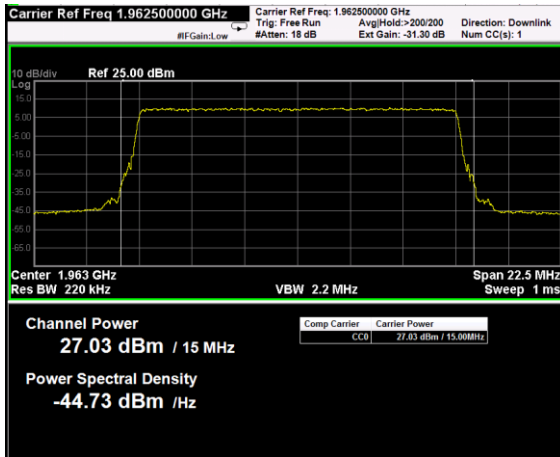
Channel: TOP, Modulation: 16QAM, BW=15MHz, CCDF



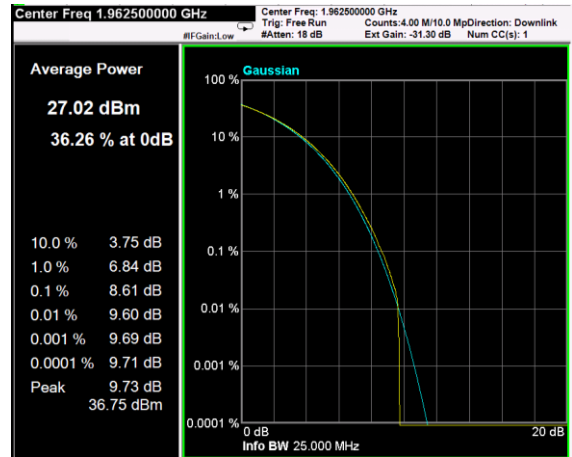
Channel: BOTTOM, Modulation: 64QAM, BW=15MHz, Channel Power



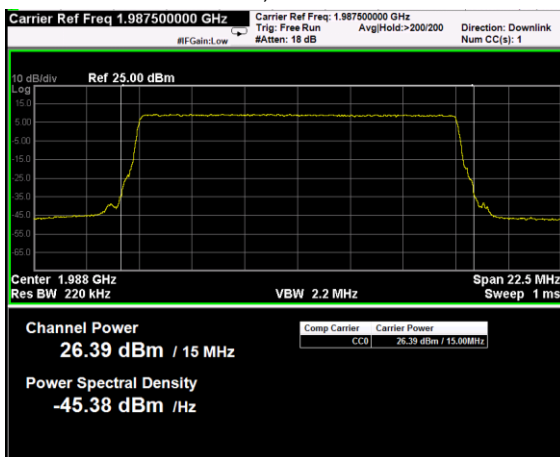
Channel: BOTTOM, Modulation: 64QAM, BW=15MHz, CCDF



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



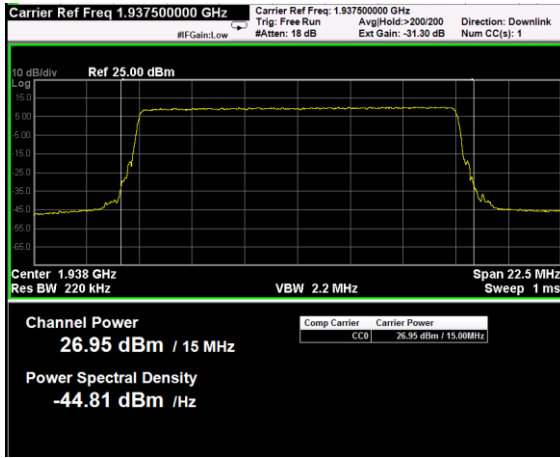
Channel: MIDDLE, Modulation: 64QAM, BW=15MHz, CCDF



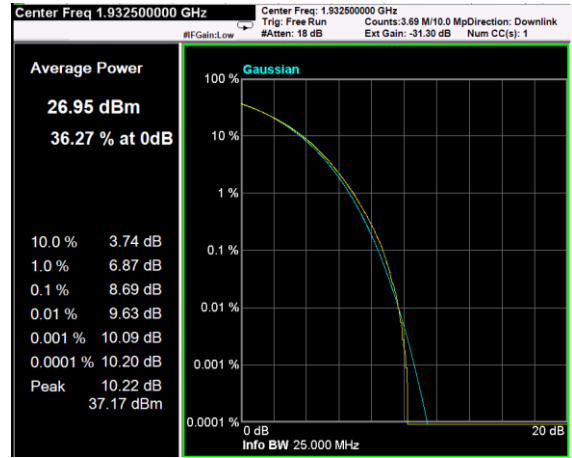
Channel: TOP, Modulation: 64QAM, BW=15MHz, Channel Power



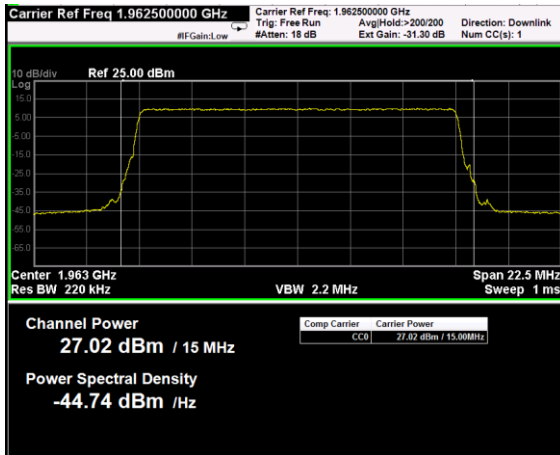
Channel: TOP, Modulation: 64QAM, BW=15MHz, CCDF



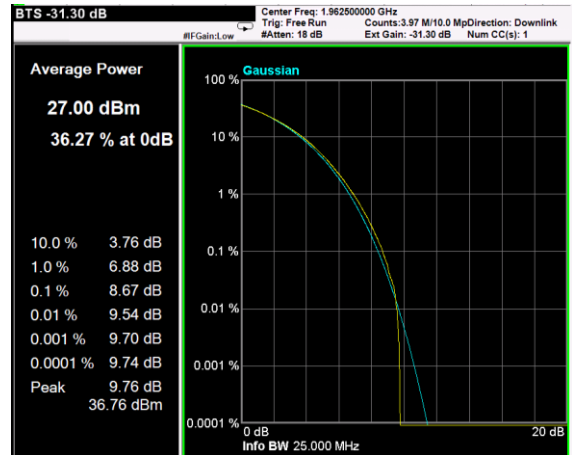
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Channel Power



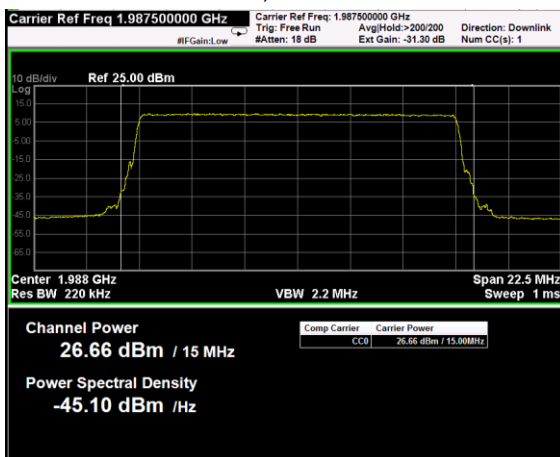
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, CCDF



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



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

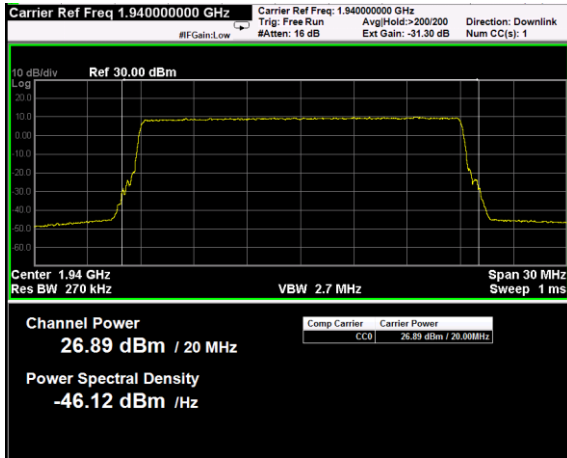


Channel: TOP, Modulation: 256QAM, BW=15MHz, Channel Power

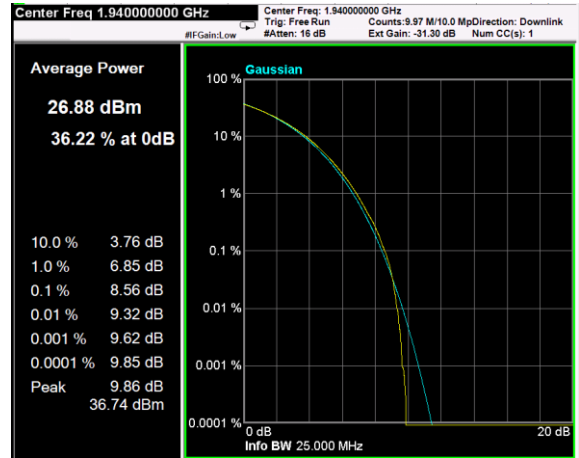


Channel: TOP, Modulation: 256QAM, BW=15MHz, CCDF

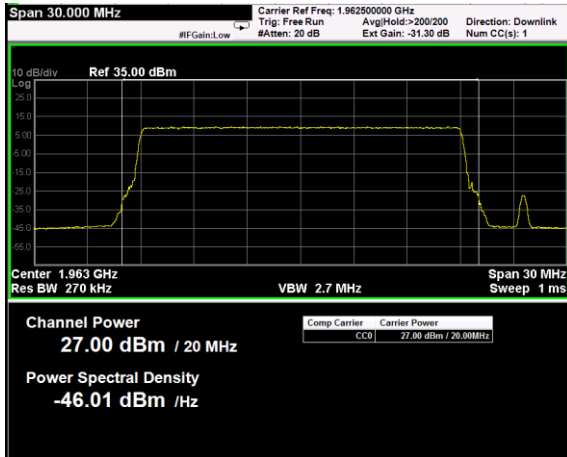
| Test data | | | | | |
|-----------|--------------------|-----------------|-----------------------|-----------------------------|----------|
| Direction | Modulation | Frequency (MHz) | RF output Power (dBm) | RF output channel Power (W) | PAR (dB) |
| Down-link | LTE 20MHz (QPSK) | 1940 | 26.89 | 0.489 | 9.86 |
| Down-link | LTE 20MHz (QPSK) | 1962.5 | 27 | 0.501 | 9.35 |
| Down-link | LTE 20MHz (QPSK) | 1985 | 26.64 | 0.461 | 9.28 |
| Down-link | LTE 20MHz (16QAM) | 1940 | 26.89 | 0.489 | 9.68 |
| Down-link | LTE 20MHz (16QAM) | 1962.5 | 27.04 | 0.506 | 9.34 |
| Down-link | LTE 20MHz (16QAM) | 1985 | 27.07 | 0.509 | 9.29 |
| Down-link | LTE 20MHz (64QAM) | 1940 | 26.89 | 0.489 | 9.73 |
| Down-link | LTE 20MHz (64QAM) | 1962.5 | 26.85 | 0.484 | 9.38 |
| Down-link | LTE 20MHz (64QAM) | 1985 | 27.13 | 0.516 | 9.28 |
| Down-link | LTE 20MHz (256QAM) | 1940 | 26.89 | 0.489 | 9.59 |
| Down-link | LTE 20MHz (256QAM) | 1962.5 | 26.93 | 0.493 | 9.38 |
| Down-link | LTE 20MHz (256QAM) | 1985 | 26.65 | 0.462 | 9.31 |



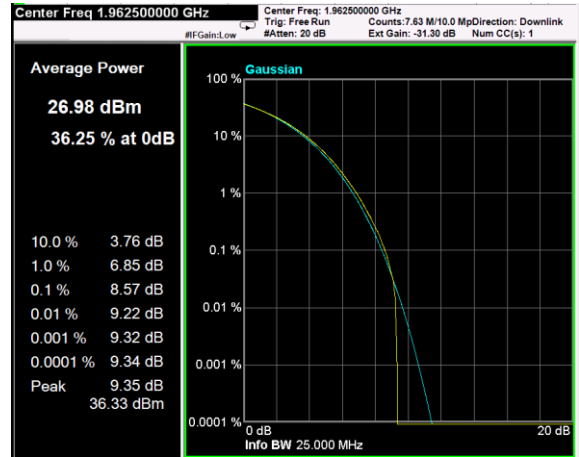
Channel: BOTTOM, Modulation: QPSK, BW=20MHz, Channel Power



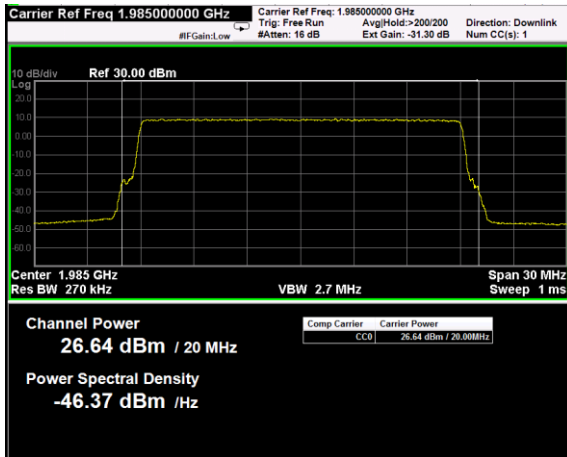
Channel: BOTTOM, Modulation: QPSK, BW=20MHz, CCDF



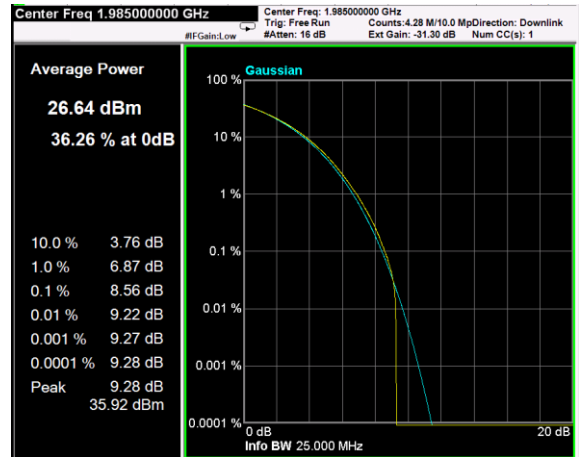
Channel: MIDDLE, Modulation: QPSK, BW=20MHz, Channel Power



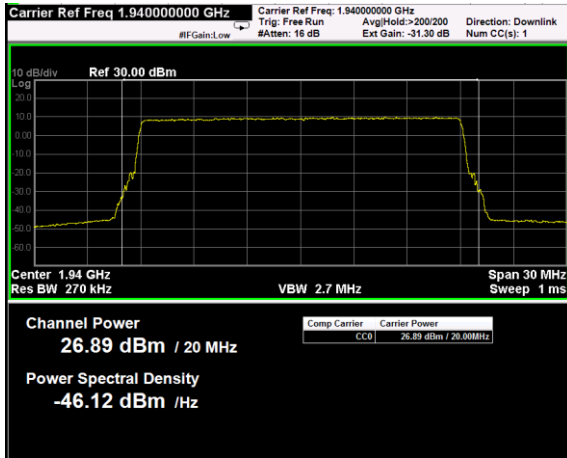
Channel: MIDDLE, Modulation: QPSK, BW=20MHz, CCDF



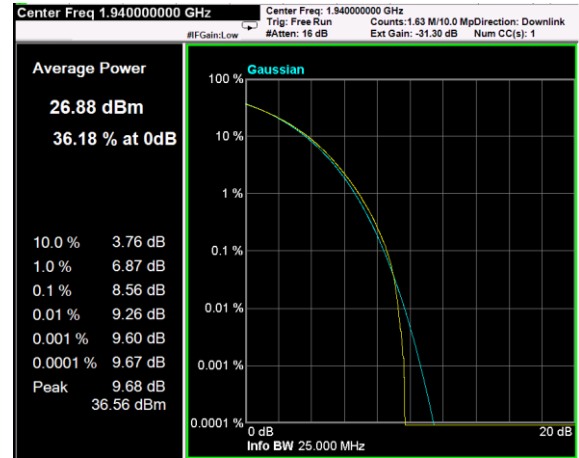
Channel: TOP, Modulation: QPSK, BW=20MHz, Channel Power



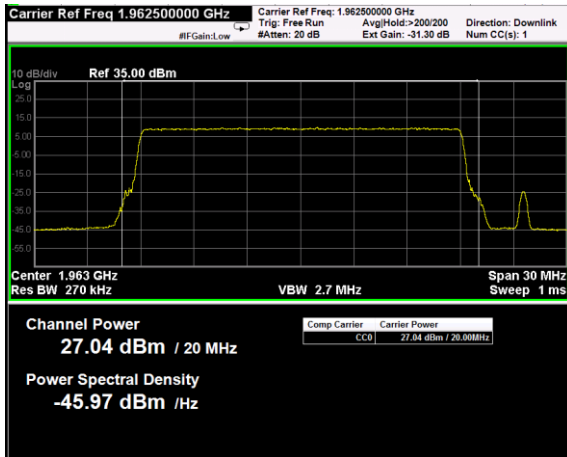
Channel: TOP, Modulation: QPSK, BW=20MHz, CCDF



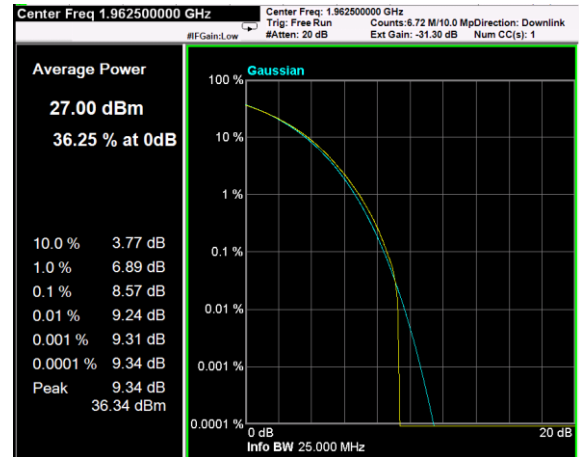
Channel: BOTTOM, Modulation: 16QAM, BW=20MHz, Channel Power



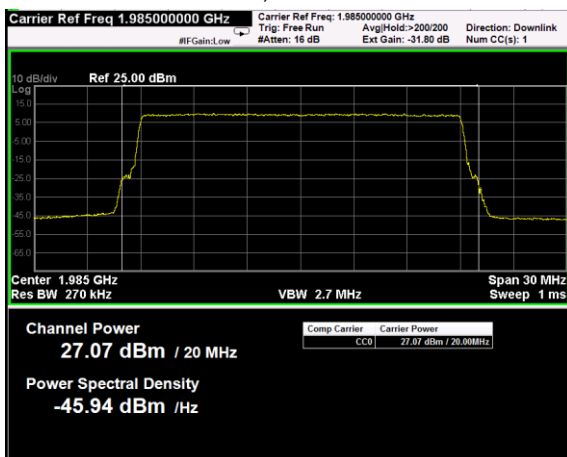
Channel: BOTTOM, Modulation: 16QAM, BW=20MHz, CCDF



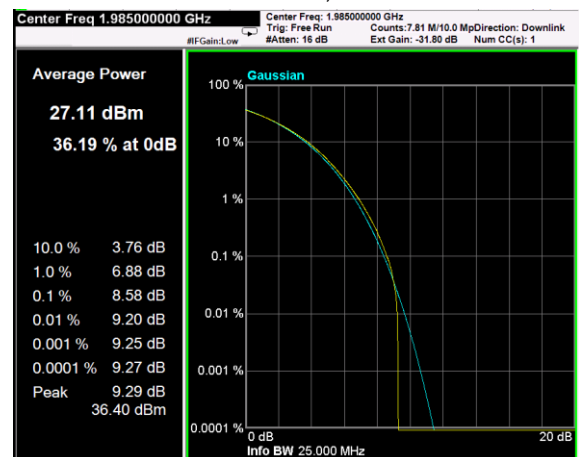
Channel: MIDDLE, Modulation: 16QAM, BW=20MHz, Channel Power



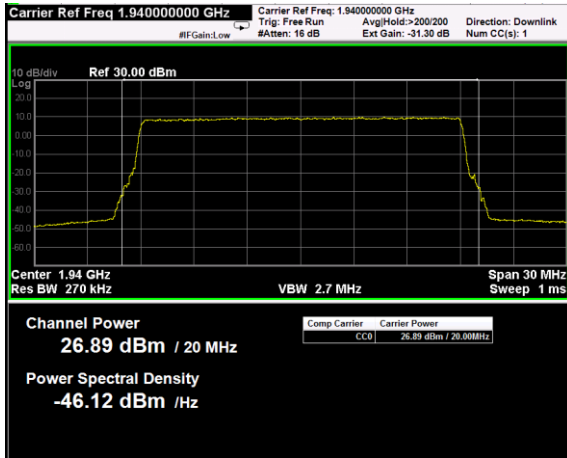
Channel: MIDDLE, Modulation: 16QAM, BW=20MHz, CCDF



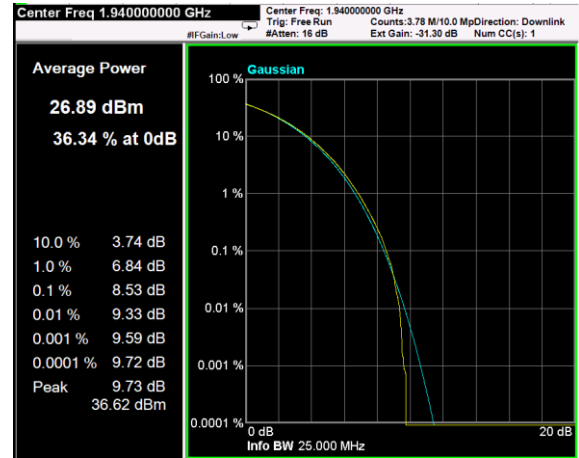
Channel: TOP, Modulation: 16QAM, BW=20MHz, Channel Power



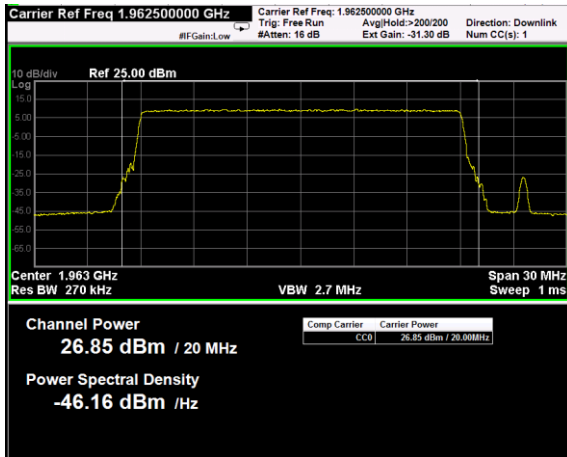
Channel: TOP, Modulation: 16QAM, BW=20MHz, CCDF



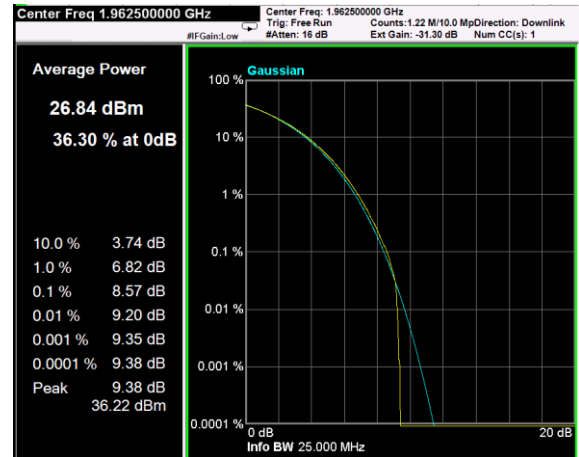
Channel: BOTTOM, Modulation: 64QAM, BW=20MHz, Channel Power



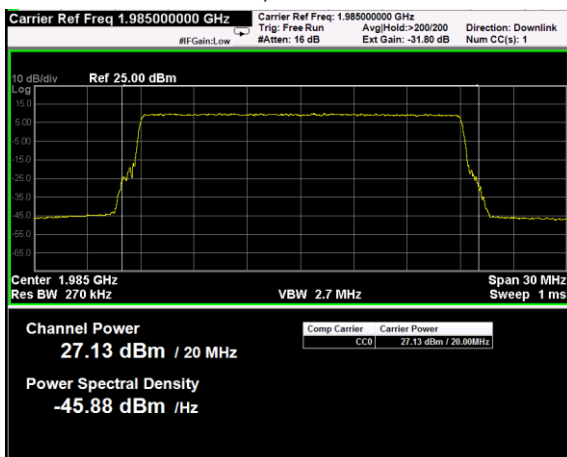
Channel: BOTTOM, Modulation: 64QAM, BW=20MHz, CCDF



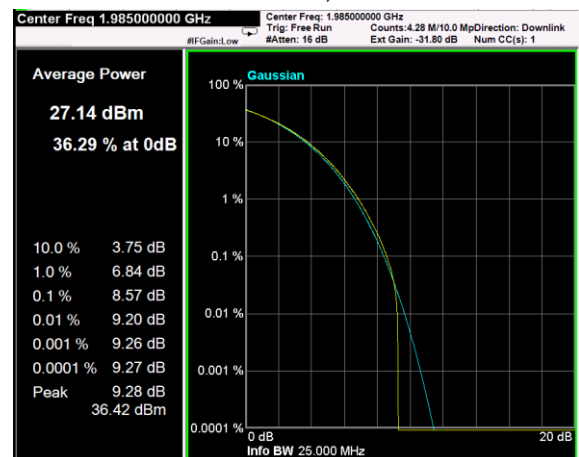
Channel: MIDDLE, Modulation: 64QAM, BW=20MHz, Channel Power



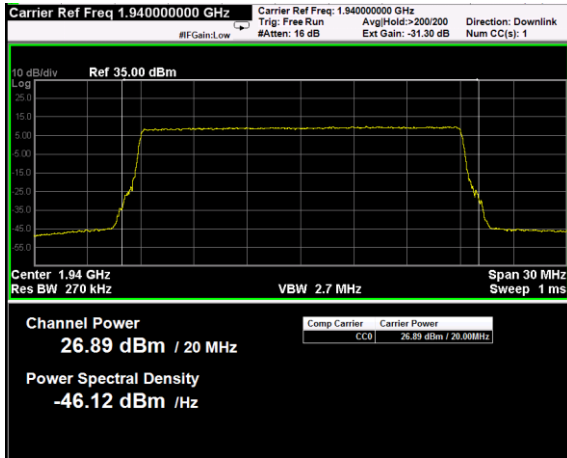
Channel: MIDDLE, Modulation: 64QAM, BW=20MHz, CCDF



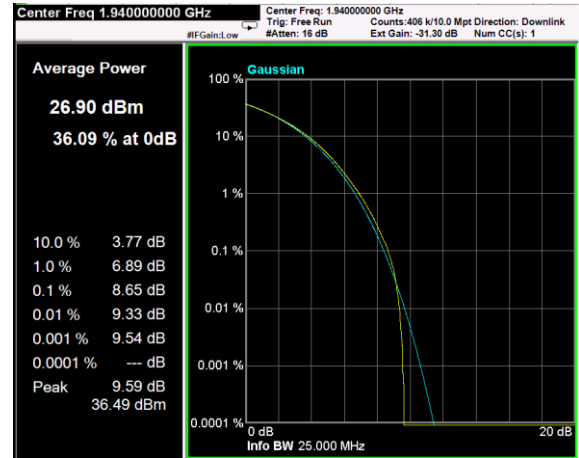
Channel: TOP, Modulation: 64QAM, BW=20MHz, Channel Power



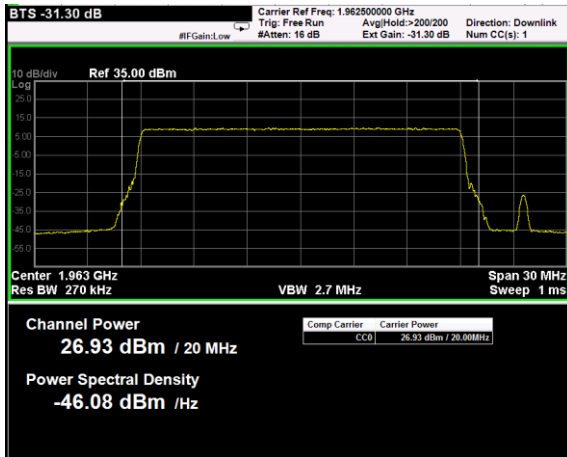
Channel: TOP, Modulation: 64QAM, BW=20MHz, CCDF



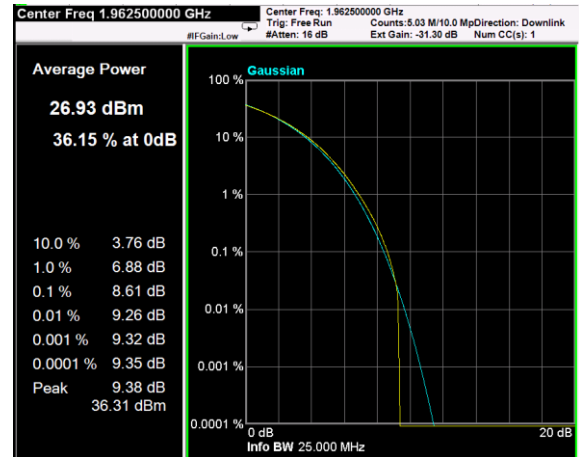
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Channel Power



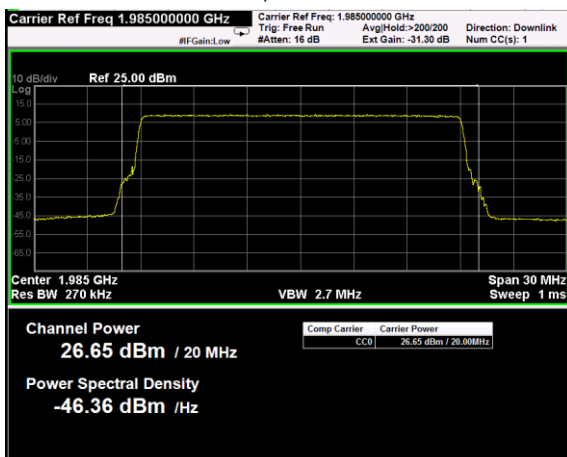
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, CCDF



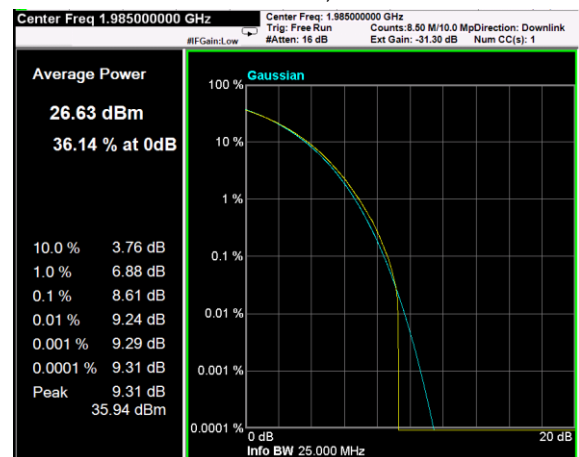
Channel: MIDDLE, Modulation: 256QAM, BW=20MHz, Channel Power



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



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

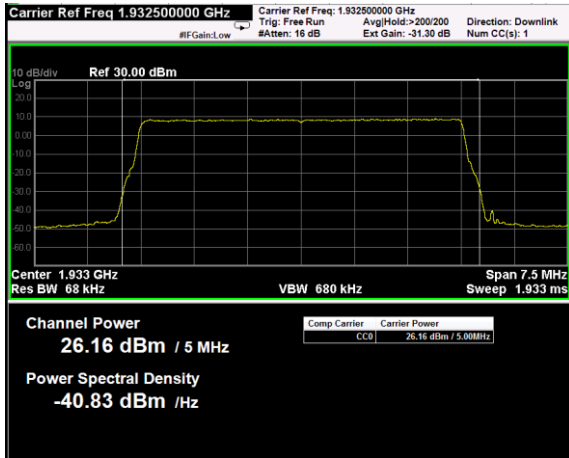


Channel: TOP, Modulation: 256QAM, BW=20MHz, CCDF

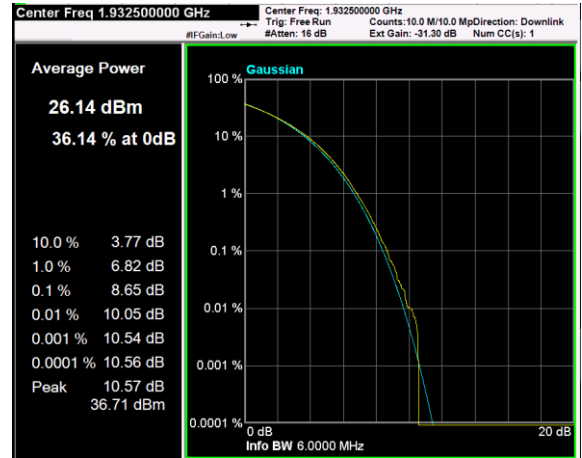
PAR measure is performed by the "CCDF" function installed on Spectrum analyzer that provides average power (the same measured with "Channel power" function), peak power and PAR.

RF PORT 2

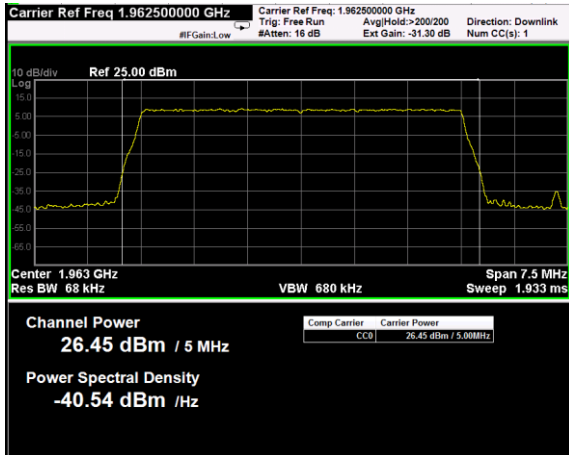
| Test data | | | | | |
|-----------|-------------------|-----------------|-----------------------|-----------------------------|----------|
| Direction | Modulation | Frequency (MHz) | RF output Power (dBm) | RF output channel Power (W) | PAR (dB) |
| Down-link | LTE 5MHz (QPSK) | 1932.5 | 26.16 | 0.413 | 10.57 |
| Down-link | LTE 5MHz (QPSK) | 1962.5 | 26.45 | 0.442 | 10.44 |
| Down-link | LTE 5MHz (QPSK) | 1992.5 | 26.33 | 0.430 | 10.51 |
| Down-link | LTE 5MHz (16QAM) | 1932.5 | 26.19 | 0.416 | 10.57 |
| Down-link | LTE 5MHz (16QAM) | 1962.5 | 26.39 | 0.436 | 10.43 |
| Down-link | LTE 5MHz (16QAM) | 1992.5 | 26.32 | 0.429 | 10.5 |
| Down-link | LTE 5MHz (64QAM) | 1932.5 | 26.16 | 0.413 | 10.55 |
| Down-link | LTE 5MHz (64QAM) | 1962.5 | 26.46 | 0.443 | 10.45 |
| Down-link | LTE 5MHz (64QAM) | 1992.5 | 26.35 | 0.432 | 10.51 |
| Down-link | LTE 5MHz (256QAM) | 1932.5 | 26.16 | 0.413 | 10.57 |
| Down-link | LTE 5MHz (256QAM) | 1962.5 | 26.41 | 0.438 | 10.51 |
| Down-link | LTE 5MHz (256QAM) | 1992.5 | 26.35 | 0.432 | 10.51 |



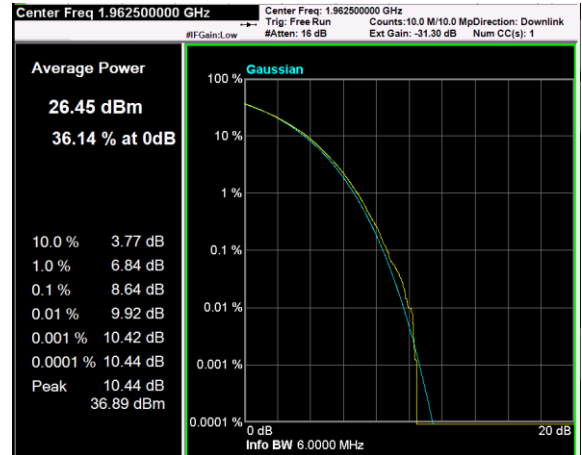
Channel: BOTTOM, Modulation: QPSK, BW=5MHz, Channel Power



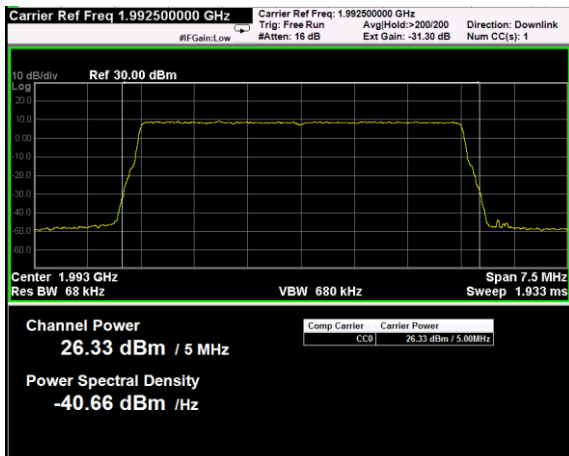
Channel: BOTTOM, Modulation: QPSK, BW=5MHz, CCDF



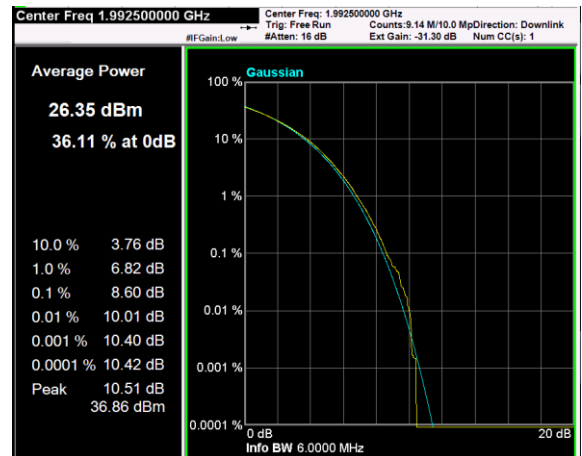
Channel: MIDDLE, Modulation: QPSK, BW=5MHz, Channel Power



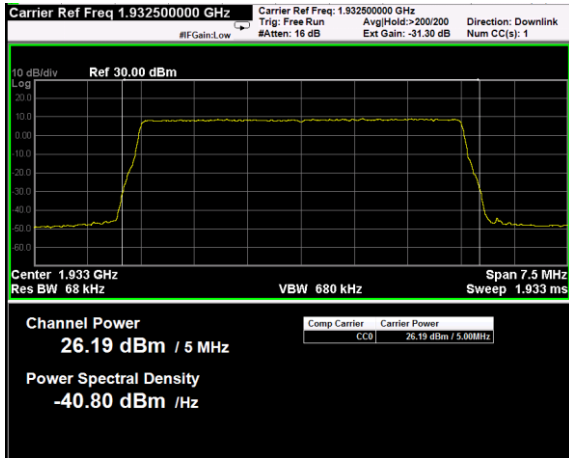
Channel: MIDDLE, Modulation: QPSK, BW=5MHz, CCDF



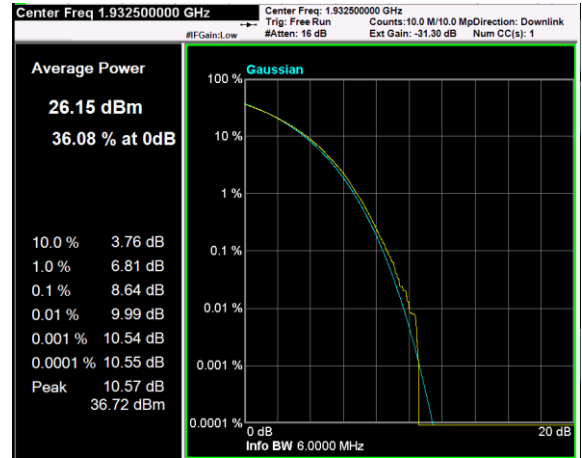
Channel: TOP, Modulation: QPSK, BW=5MHz, Channel Power



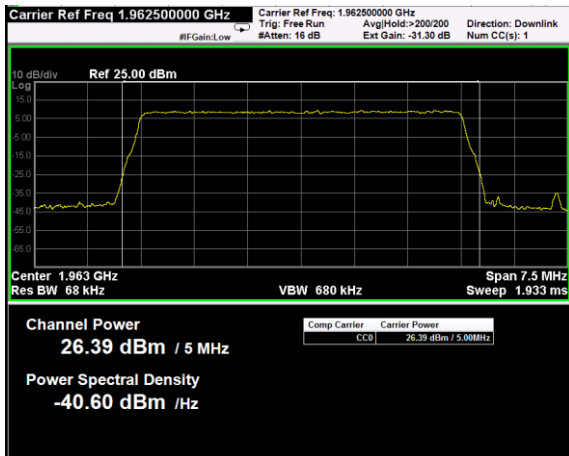
Channel: TOP, Modulation: QPSK, BW=5MHz, CCDF



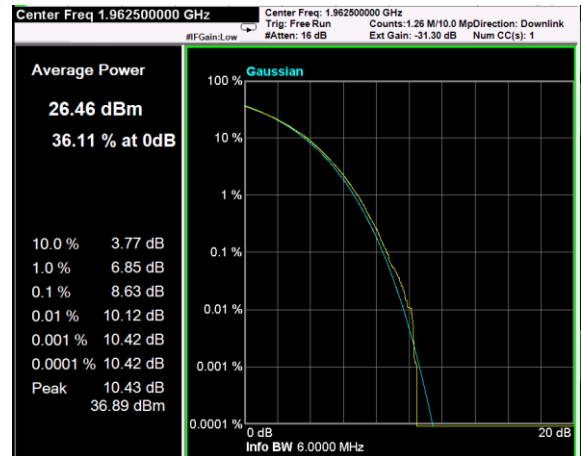
Channel: BOTTOM, Modulation: 16QAM, BW=5MHz, Channel Power



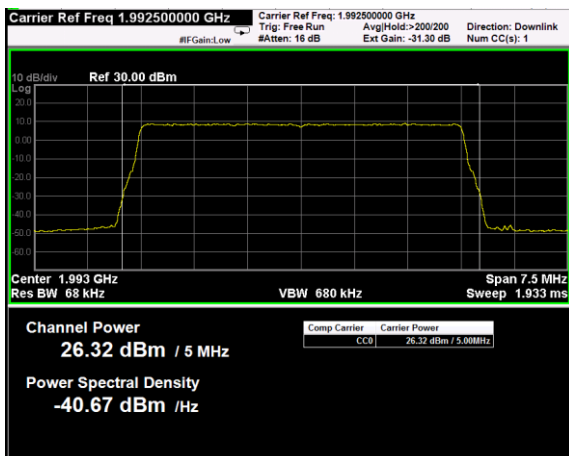
Channel: BOTTOM, Modulation: 16QAM, BW=5MHz, CCDF



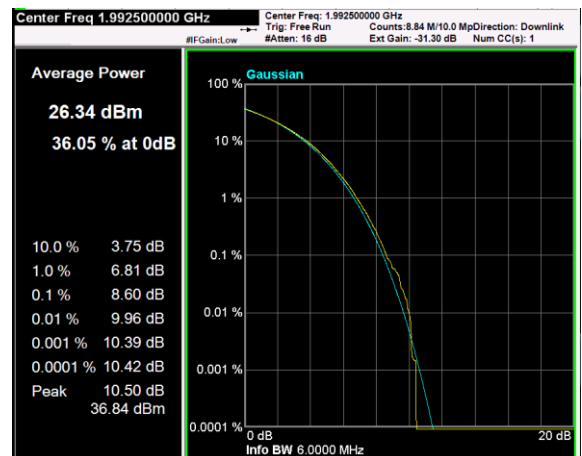
Channel: MIDDLE, Modulation: 16QAM, BW=5MHz, Channel Power



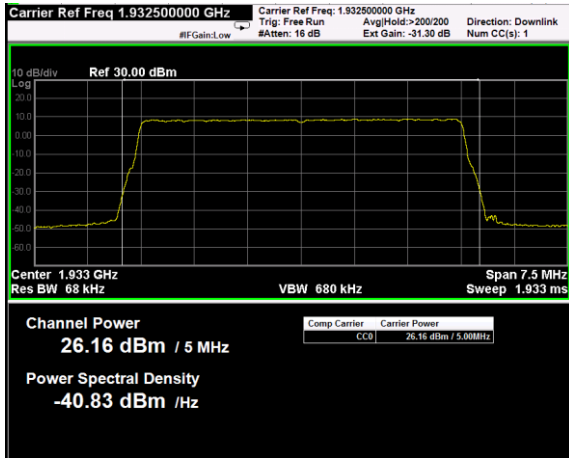
Channel: MIDDLE, Modulation: 16QAM, BW=5MHz, CCDF



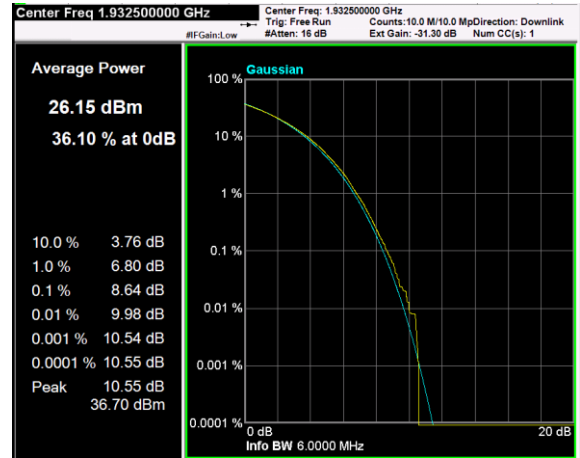
Channel: TOP, Modulation: 16QAM, BW=5MHz, Channel Power



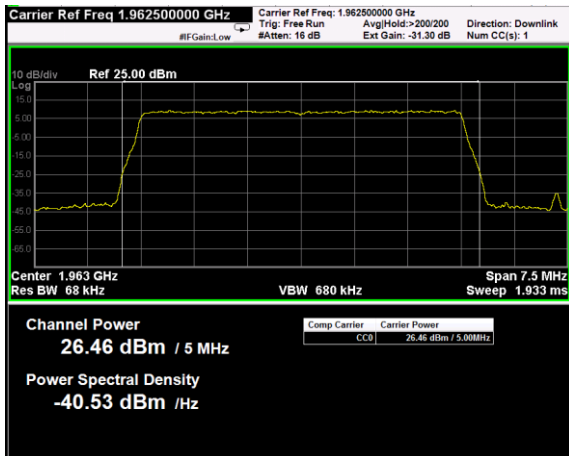
Channel: TOP, Modulation: 16QAM, BW=5MHz, CCDF



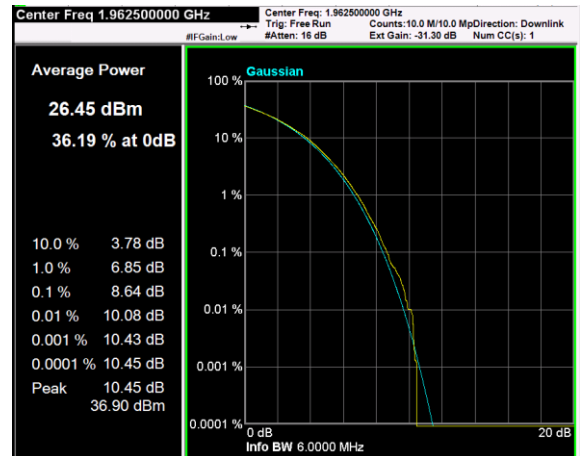
Channel: BOTTOM, Modulation: 64QAM, BW=5MHz, Channel Power



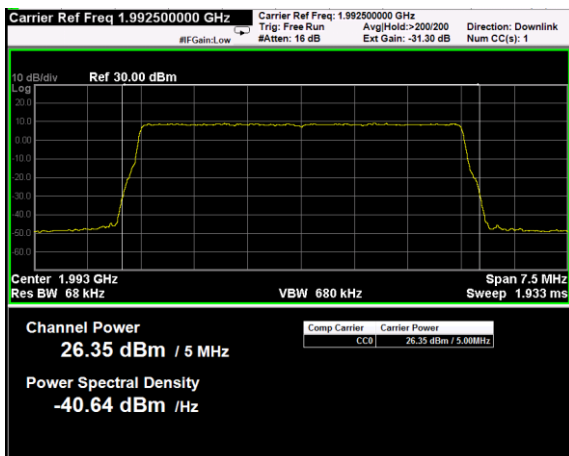
Channel: BOTTOM, Modulation: 64QAM, BW=5MHz, CCDF



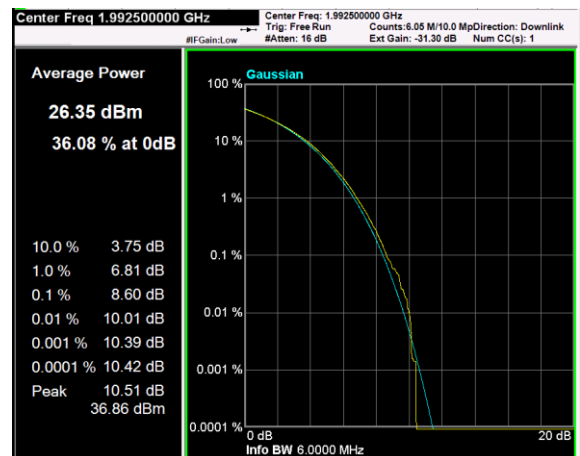
Channel: MIDDLE, Modulation: 64QAM, BW=5MHz, Channel Power



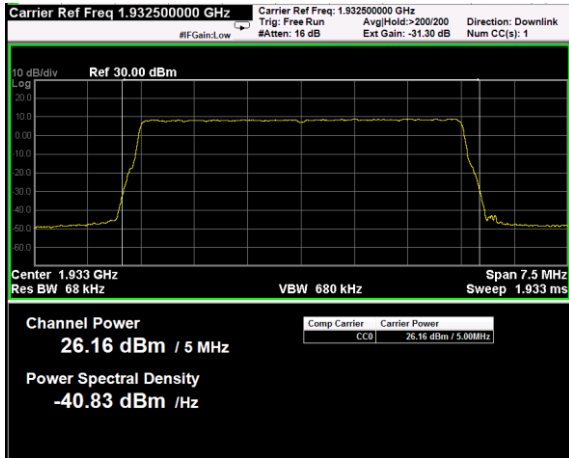
Channel: MIDDLE, Modulation: 64QAM, BW=5MHz, CCDF



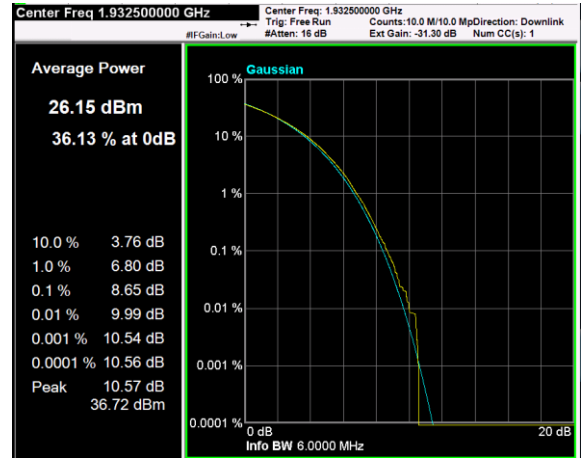
Channel: TOP, Modulation: 64QAM, BW=5MHz, Channel Power



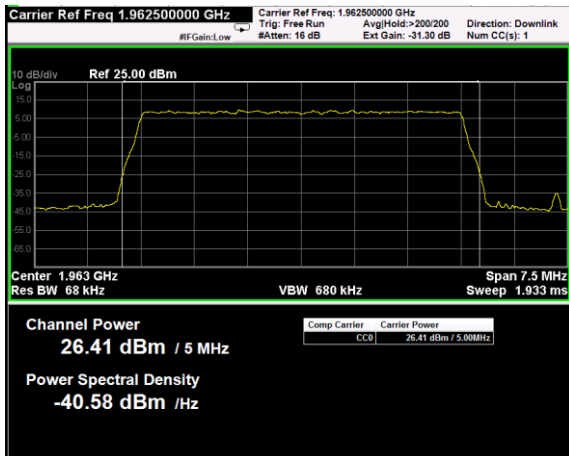
Channel: TOP, Modulation: 64QAM, BW=5MHz, CCDF



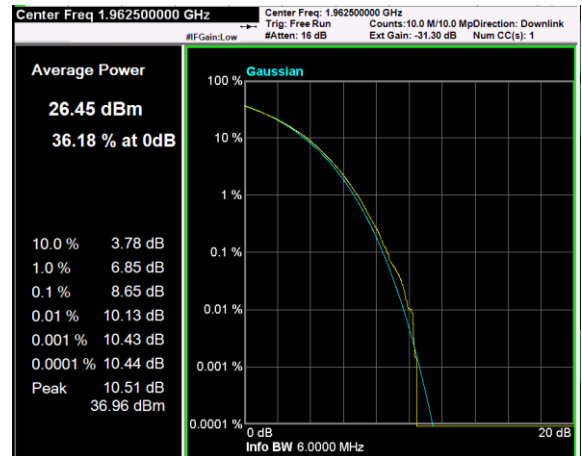
Channel: BOTTOM, Modulation: 256QAM, BW=5MHz, Channel Power



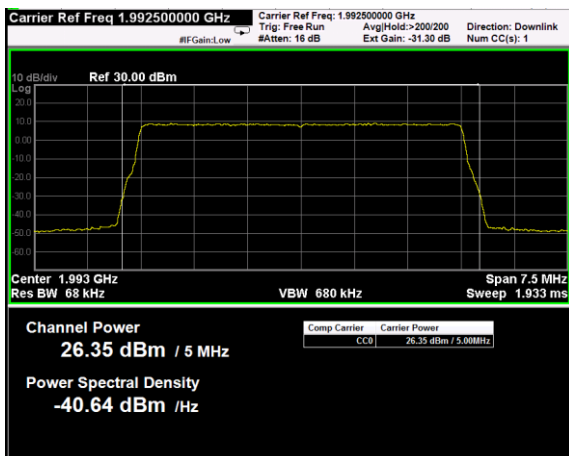
Channel: BOTTOM, Modulation: 256QAM, BW=5MHz, CCDF



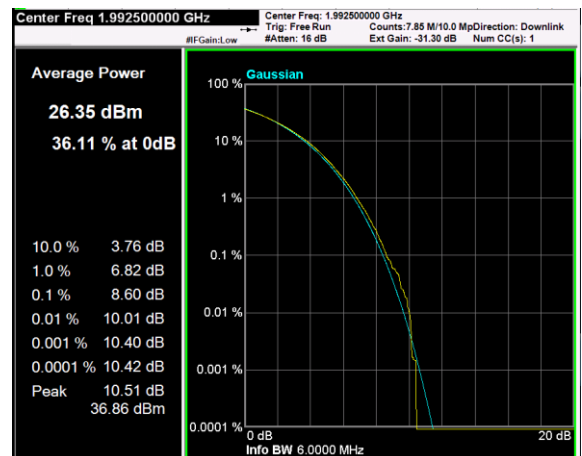
Channel: MIDDLE, Modulation: 256QAM, BW=5MHz, Channel Power



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

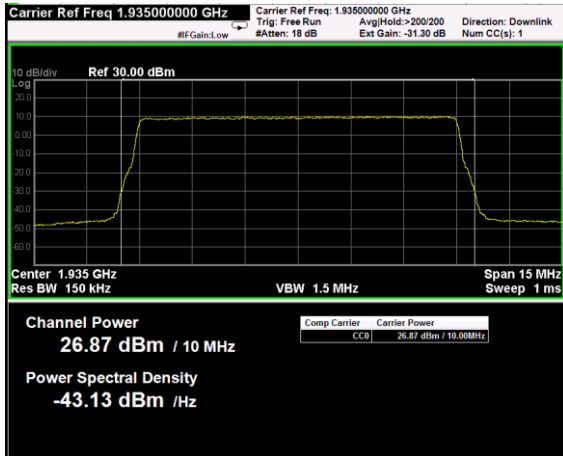


Channel: TOP, Modulation: 256QAM, BW=5MHz, Channel Power

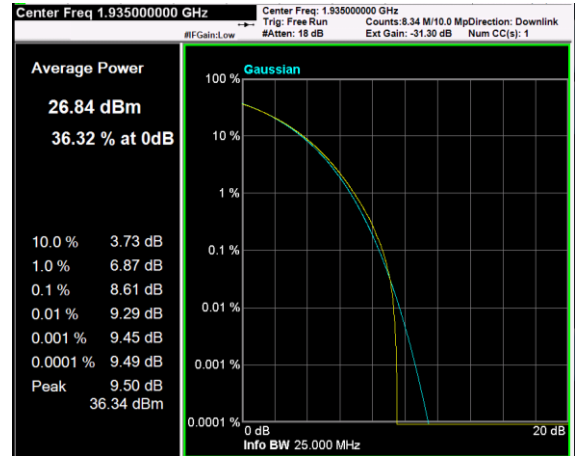


Channel: TOP, Modulation: 256QAM, BW=5MHz, CCDF

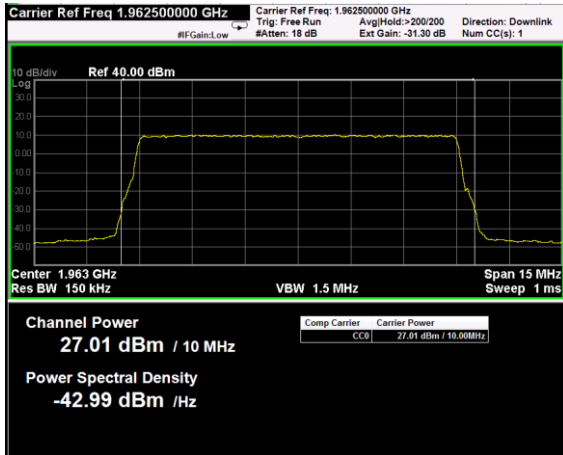
| Test data | | | | | |
|-----------|--------------------|-----------------|-----------------------|-----------------------------|----------|
| Direction | Modulation | Frequency (MHz) | RF output Power (dBm) | RF output channel Power (W) | PAR (dB) |
| Down-link | LTE 10MHz (QPSK) | 1935 | 26.87 | 0.486 | 9.5 |
| Down-link | LTE 10MHz (QPSK) | 1962.5 | 27.01 | 0.502 | 9.24 |
| Down-link | LTE 10MHz (QPSK) | 1990 | 26.13 | 0.410 | 9.27 |
| Down-link | LTE 10MHz (16QAM) | 1935 | 26.9 | 0.490 | 9.5 |
| Down-link | LTE 10MHz (16QAM) | 1962.5 | 27.04 | 0.506 | 9.26 |
| Down-link | LTE 10MHz (16QAM) | 1990 | 26.14 | 0.411 | 9.27 |
| Down-link | LTE 10MHz (64QAM) | 1935 | 26.86 | 0.485 | 9.49 |
| Down-link | LTE 10MHz (64QAM) | 1962.5 | 27.03 | 0.505 | 9.24 |
| Down-link | LTE 10MHz (64QAM) | 1990 | 26.17 | 0.414 | 9.27 |
| Down-link | LTE 10MHz (256QAM) | 1935 | 26.85 | 0.484 | 9.5 |
| Down-link | LTE 10MHz (256QAM) | 1962.5 | 27.03 | 0.505 | 9.22 |
| Down-link | LTE 10MHz (256QAM) | 1990 | 26.17 | 0.414 | 9.28 |



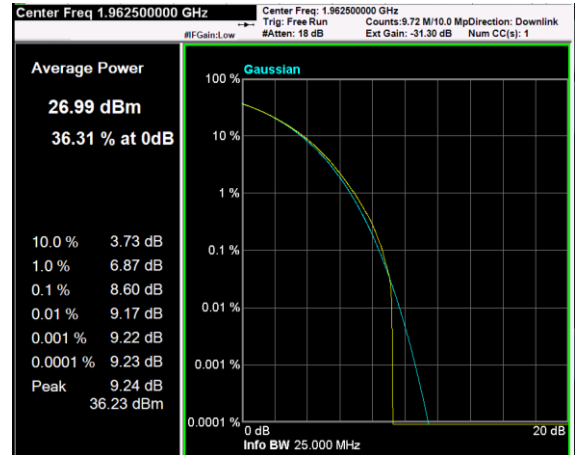
Channel: BOTTOM, Modulation: QPSK, BW=10MHz, Channel Power



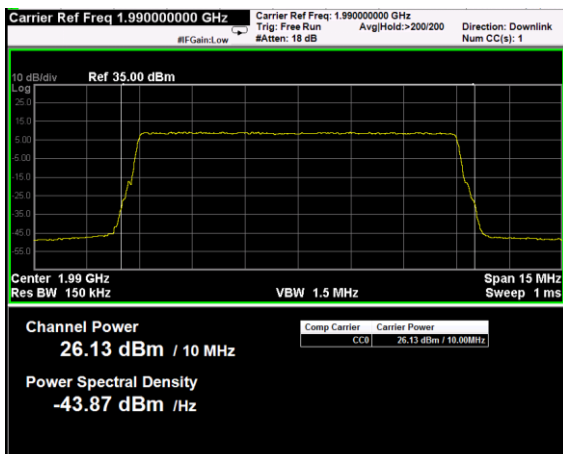
Channel: BOTTOM, Modulation: QPSK, BW=10MHz, CCDF



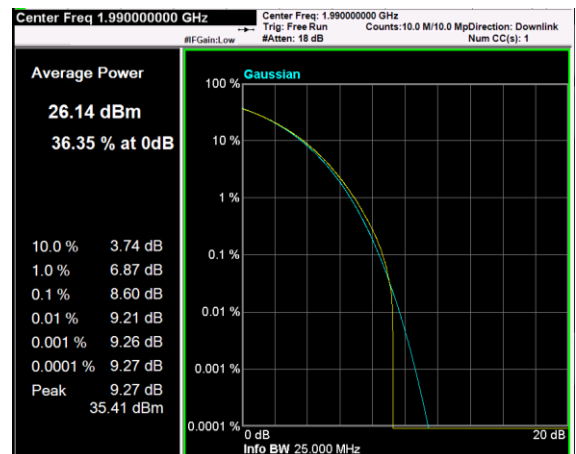
Channel: MIDDLE, Modulation: QPSK, BW=10MHz, Channel Power



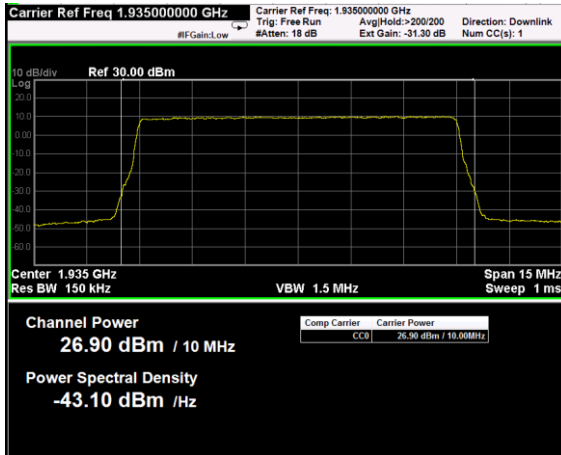
Channel: MIDDLE, Modulation: QPSK, BW=10MHz, CCDF



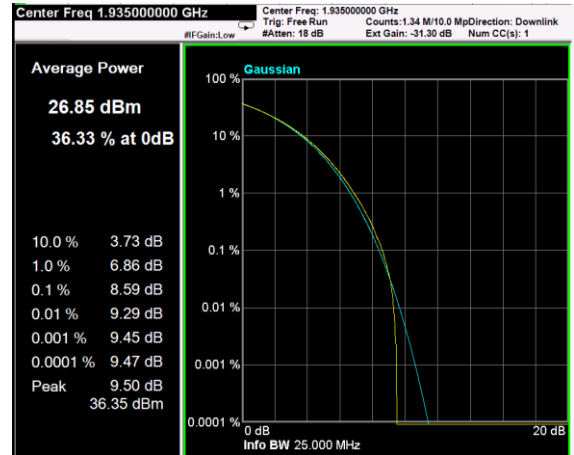
Channel: TOP, Modulation: QPSK, BW=10MHz, Channel Power



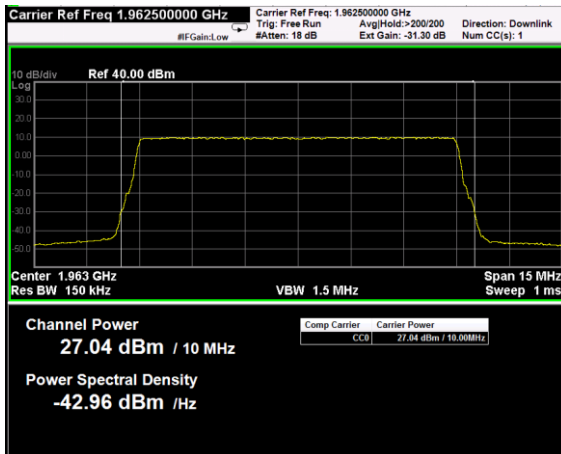
Channel: TOP, Modulation: QPSK, BW=10MHz, CCDF



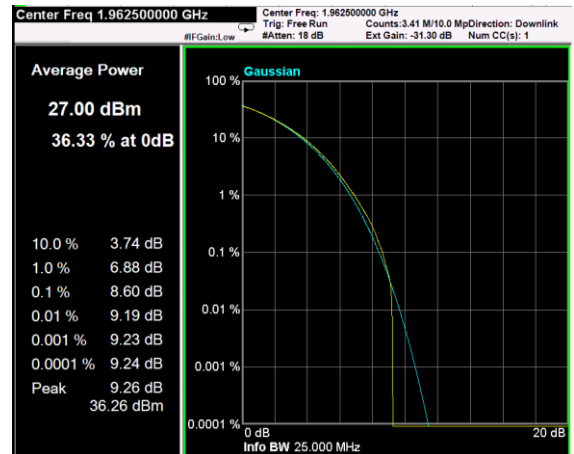
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Channel Power



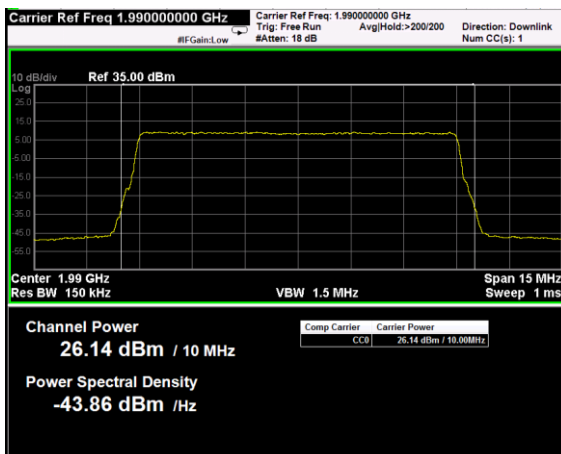
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, CCDF



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