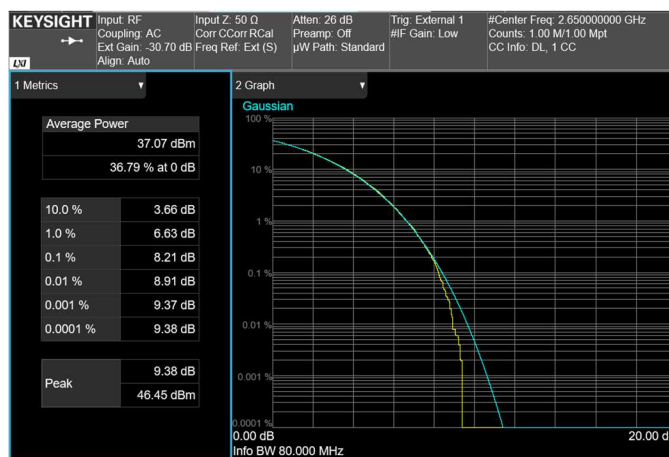
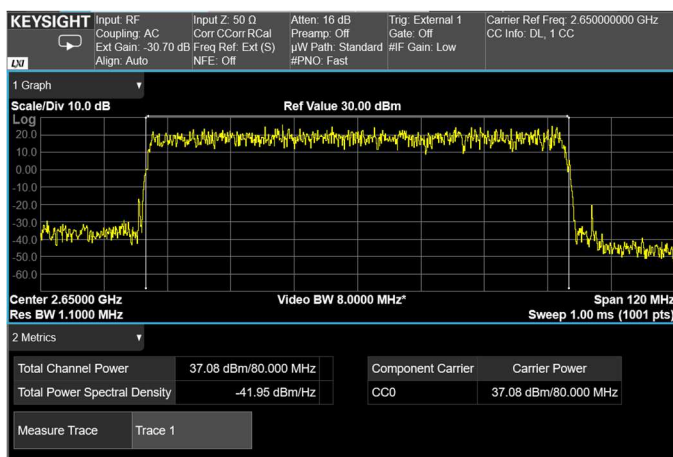
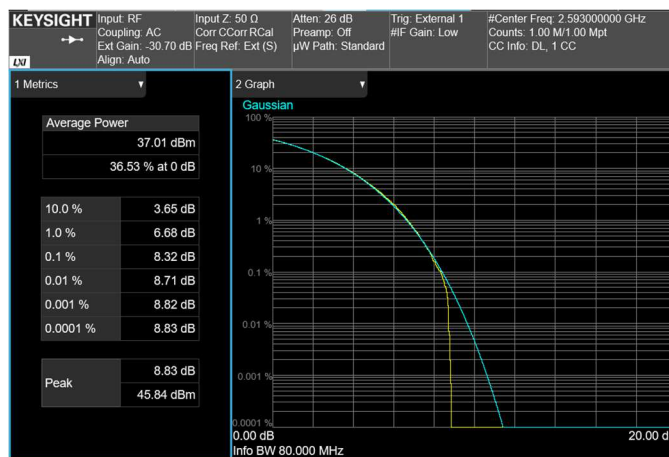
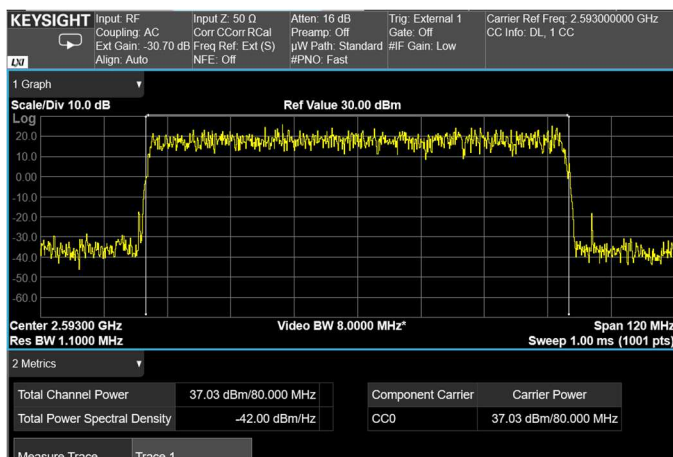
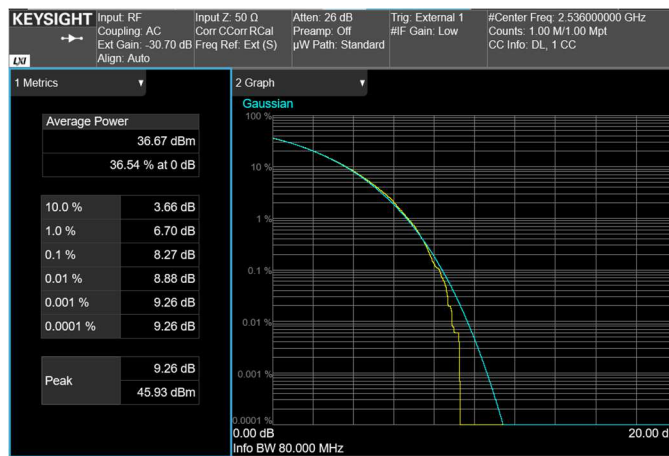
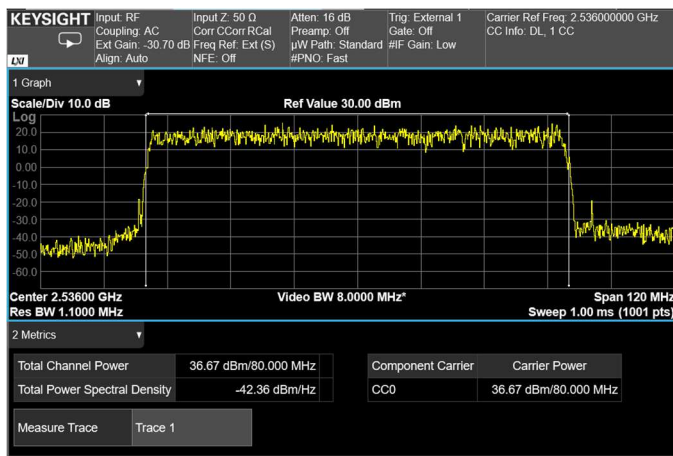
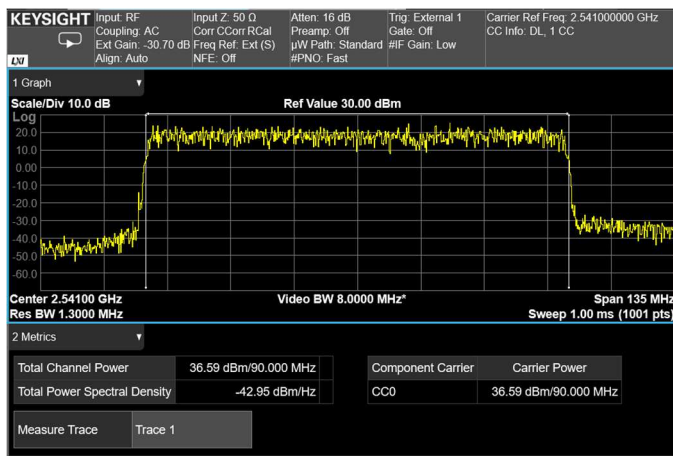
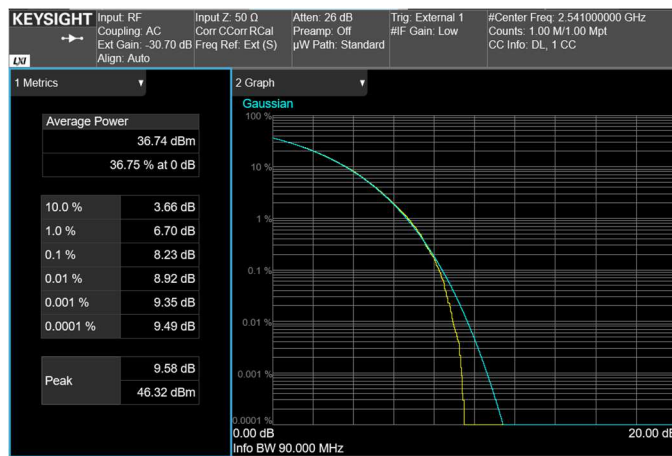


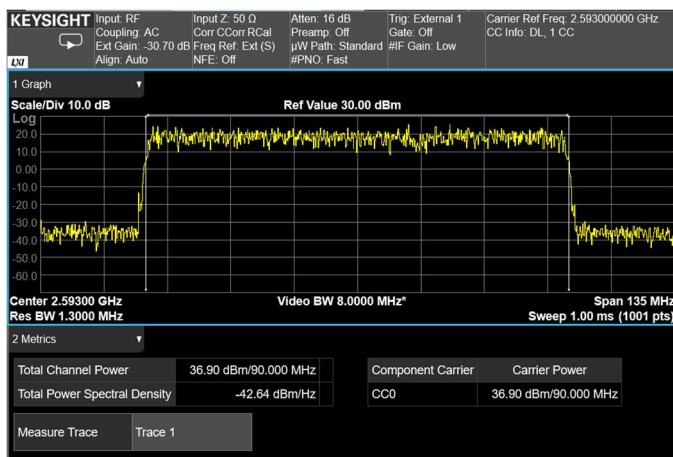




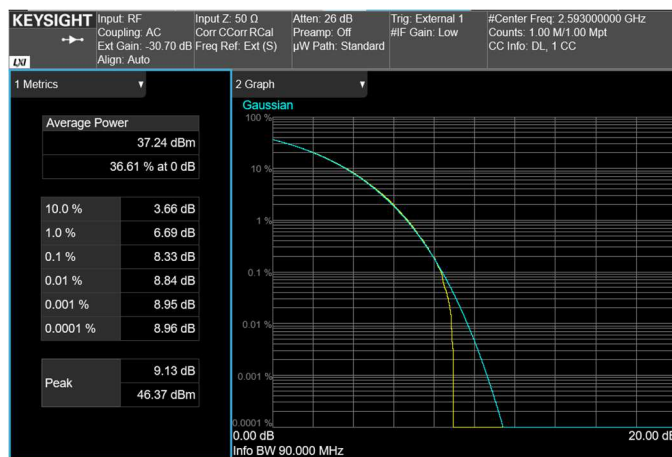
Channel: BOTTOM, Modulation: 64QAM,
BW=90MHz, Channel Power



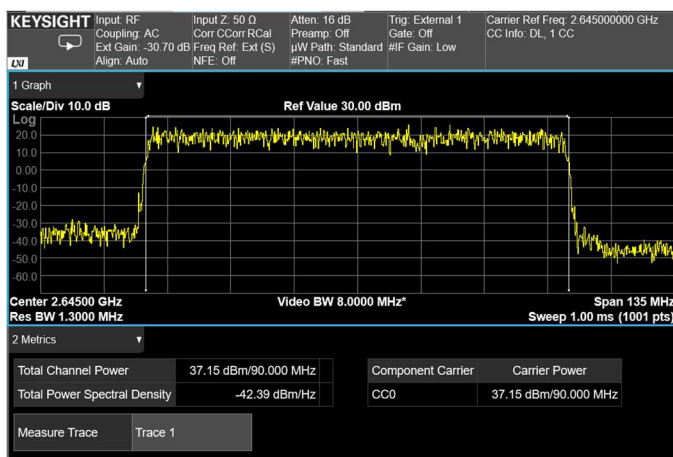
Channel: BOTTOM, Modulation: 64QAM,
BW=90MHz, CCDF



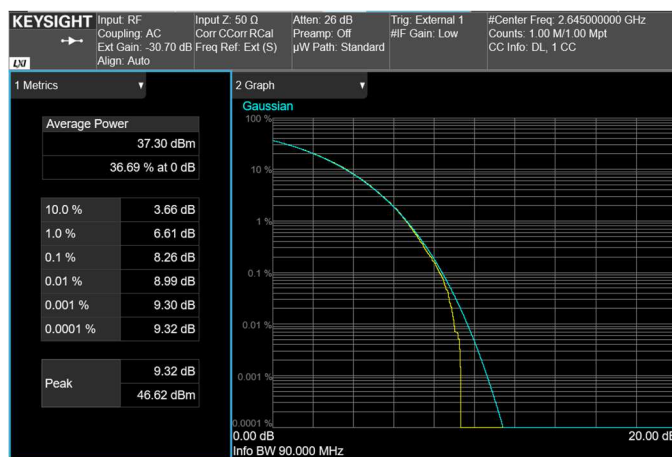
Channel: MIDDLE, Modulation: 64QAM,
BW=90MHz, Channel Power



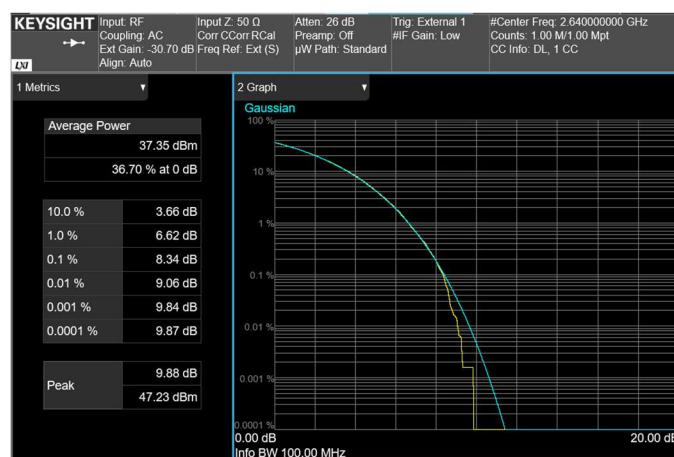
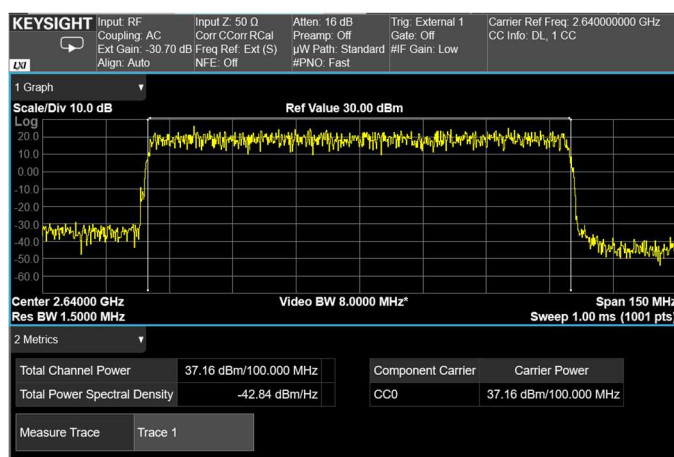
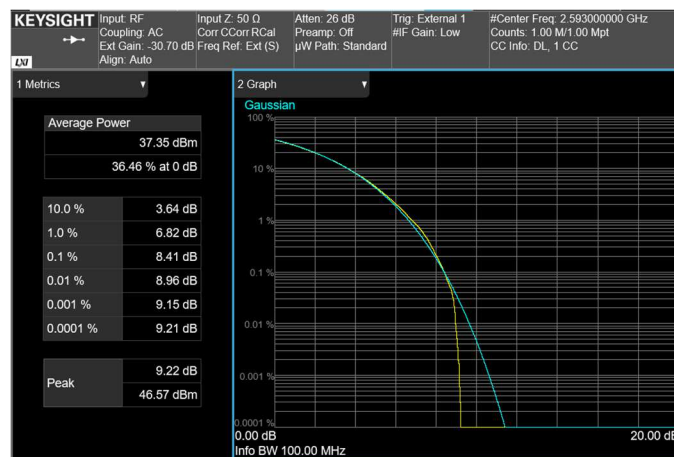
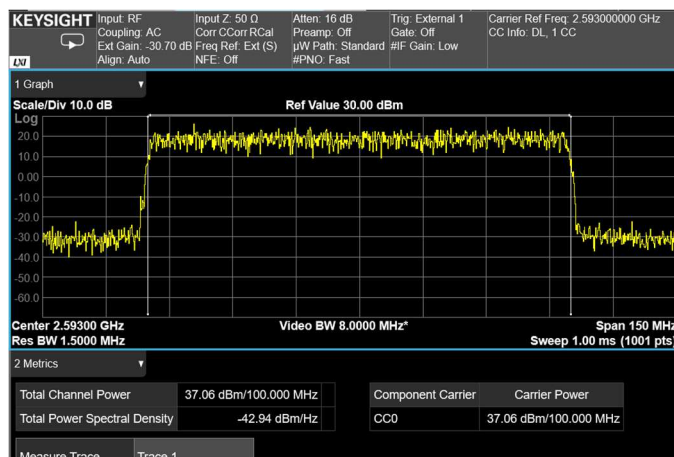
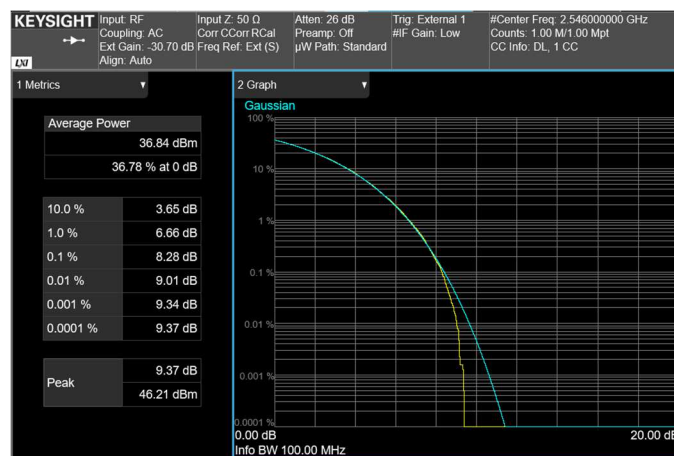
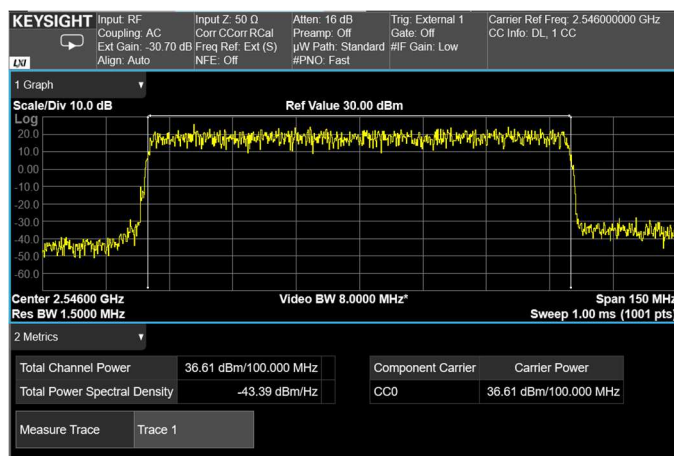
Channel: MIDDLE, Modulation: 64QAM,
BW=90MHz, CCDF



Channel: TOP, Modulation: 64QAM,
BW=90MHz, Channel Power



Channel: TOP, Modulation: 64QAM,
BW=90MHz, CCDF



RF PORT 2

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	5G NR 10MHz (QPSK)	2501	36.9	4.875	8.7
Down-link	5G NR 10MHz (QPSK)	2593	36.9	4.932	8.5
Down-link	5G NR 10MHz (QPSK)	2685	37.0	4.955	8.7
Down-link	5G NR 10MHz (16QAM)	2501	36.9	4.864	8.6
Down-link	5G NR 10MHz (16QAM)	2593	37.0	4.955	8.4
Down-link	5G NR 10MHz (16QAM)	2685	36.9	4.943	8.7
Down-link	5G NR 10MHz (64QAM)	2501	36.9	4.875	8.6
Down-link	5G NR 10MHz (64QAM)	2593	36.9	4.920	8.4
Down-link	5G NR 10MHz (64QAM)	2685	36.9	4.943	8.7
Down-link	5G NR 10MHz (256QAM)	2501	36.9	4.875	8.6
Down-link	5G NR 10MHz (256QAM)	2593	37.0	4.955	8.4
Down-link	5G NR 10MHz (256QAM)	2685	37.0	4.955	8.7
Down-link	5G NR 15MHz (QPSK)	2503.5	37.1	5.070	8.8
Down-link	5G NR 15MHz (QPSK)	2593	37.0	5.047	8.5
Down-link	5G NR 15MHz (QPSK)	2682.5	37.1	5.140	8.7
Down-link	5G NR 15MHz (16QAM)	2503.5	37.1	5.082	8.6
Down-link	5G NR 15MHz (16QAM)	2593	37.0	5.058	8.5
Down-link	5G NR 15MHz (16QAM)	2682.5	37.1	5.140	8.8
Down-link	5G NR 15MHz (64QAM)	2503.5	37.1	5.070	8.9
Down-link	5G NR 15MHz (64QAM)	2593	37.0	5.023	8.5
Down-link	5G NR 15MHz (64QAM)	2682.5	37.1	5.140	8.7
Down-link	5G NR 15MHz (256QAM)	2503.5	37.1	5.070	8.6
Down-link	5G NR 15MHz (256QAM)	2593	37.1	5.082	8.5
Down-link	5G NR 15MHz (256QAM)	2682.5	37.1	5.140	8.8
Down-link	5G NR 20MHz (QPSK)	2506	37.0	4.989	8.8
Down-link	5G NR 20MHz (QPSK)	2593	37.1	5.140	8.5
Down-link	5G NR 20MHz (QPSK)	2680	37.0	4.955	8.8
Down-link	5G NR 20MHz (16QAM)	2506	37.0	4.977	9.0
Down-link	5G NR 20MHz (16QAM)	2593	37.1	5.164	8.5
Down-link	5G NR 20MHz (16QAM)	2680	37.0	4.989	8.8
Down-link	5G NR 20MHz (64QAM)	2506	37.0	4.977	8.8
Down-link	5G NR 20MHz (64QAM)	2593	37.1	5.129	8.5
Down-link	5G NR 20MHz (64QAM)	2680	37.0	4.955	8.8
Down-link	5G NR 20MHz (256QAM)	2506	37.0	4.977	8.8
Down-link	5G NR 20MHz (256QAM)	2593	37.1	5.152	8.5
Down-link	5G NR 20MHz (256QAM)	2680	37.0	4.977	8.8

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	5G NR 30MHz (QPSK)	2511	37.0	4.977	9.0
Down-link	5G NR 30MHz (QPSK)	2593	37.0	4.989	8.6
Down-link	5G NR 30MHz (QPSK)	2675	37.0	5.023	8.8
Down-link	5G NR 30MHz (16QAM)	2511	37.0	4.989	8.9
Down-link	5G NR 30MHz (16QAM)	2593	37.0	4.977	8.6
Down-link	5G NR 30MHz (16QAM)	2675	37.0	5.035	8.8
Down-link	5G NR 30MHz (64QAM)	2511	37.0	4.977	8.9
Down-link	5G NR 30MHz (64QAM)	2593	37.0	4.977	8.6
Down-link	5G NR 30MHz (64QAM)	2675	37.0	5.023	8.8
Down-link	5G NR 30MHz (256QAM)	2511	37.0	4.989	9.0
Down-link	5G NR 30MHz (256QAM)	2593	37.0	4.966	8.6
Down-link	5G NR 30MHz (256QAM)	2675	37.0	5.035	8.8
Down-link	5G NR 40MHz (QPSK)	2516	36.9	4.898	9.1
Down-link	5G NR 40MHz (QPSK)	2593	37.0	5.000	8.8
Down-link	5G NR 40MHz (QPSK)	2670	37.0	4.977	9.1
Down-link	5G NR 40MHz (16QAM)	2516	36.9	4.909	9.0
Down-link	5G NR 40MHz (16QAM)	2593	37.0	5.012	8.8
Down-link	5G NR 40MHz (16QAM)	2670	37.0	4.977	9.1
Down-link	5G NR 40MHz (64QAM)	2516	36.9	4.909	9.1
Down-link	5G NR 40MHz (64QAM)	2593	37.0	5.000	8.8
Down-link	5G NR 40MHz (64QAM)	2670	37.0	4.977	9.1
Down-link	5G NR 40MHz (256QAM)	2516	36.9	4.909	9.1
Down-link	5G NR 40MHz (256QAM)	2593	37.0	5.012	8.8
Down-link	5G NR 40MHz (256QAM)	2670	37.0	4.966	9.1
Down-link	5G NR 50MHz (QPSK)	2521	36.9	4.875	9.1
Down-link	5G NR 50MHz (QPSK)	2593	37.0	5.012	8.8
Down-link	5G NR 50MHz (QPSK)	2665	36.8	4.732	9.3
Down-link	5G NR 50MHz (16QAM)	2521	36.9	4.875	9.1
Down-link	5G NR 50MHz (16QAM)	2593	37.0	5.058	8.8
Down-link	5G NR 50MHz (16QAM)	2665	36.8	4.742	9.3
Down-link	5G NR 50MHz (64QAM)	2521	36.9	4.875	9.1
Down-link	5G NR 50MHz (64QAM)	2593	37.0	5.012	8.8
Down-link	5G NR 50MHz (64QAM)	2665	36.7	4.721	9.3
Down-link	5G NR 50MHz (256QAM)	2521	36.9	4.875	9.1
Down-link	5G NR 50MHz (256QAM)	2593	37.0	5.023	8.8
Down-link	5G NR 50MHz (256QAM)	2665	36.8	4.732	9.3

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	5G NR 60MHz (QPSK)	2526	36.9	4.842	9.9
Down-link	5G NR 60MHz (QPSK)	2593	37.2	5.224	8.8
Down-link	5G NR 60MHz (QPSK)	2660	36.8	4.753	9.5
Down-link	5G NR 60MHz (16QAM)	2526	36.9	4.853	9.6
Down-link	5G NR 60MHz (16QAM)	2593	37.2	5.224	8.7
Down-link	5G NR 60MHz (16QAM)	2660	36.8	4.764	9.5
Down-link	5G NR 60MHz (64QAM)	2526	36.9	4.853	9.6
Down-link	5G NR 60MHz (64QAM)	2593	37.2	5.236	8.7
Down-link	5G NR 60MHz (64QAM)	2660	36.8	4.753	9.5
Down-link	5G NR 60MHz (256QAM)	2526	36.9	4.853	9.6
Down-link	5G NR 60MHz (256QAM)	2593	37.2	5.236	8.7
Down-link	5G NR 60MHz (256QAM)	2660	36.8	4.764	9.5
Down-link	5G NR 70MHz (QPSK)	2531	37.0	5.023	9.3
Down-link	5G NR 70MHz (QPSK)	2593	37.3	5.370	8.8
Down-link	5G NR 70MHz (QPSK)	2655	36.9	4.932	9.4
Down-link	5G NR 70MHz (16QAM)	2531	37.0	5.023	9.3
Down-link	5G NR 70MHz (16QAM)	2593	37.3	5.309	8.8
Down-link	5G NR 70MHz (16QAM)	2655	36.9	4.932	9.3
Down-link	5G NR 70MHz (64QAM)	2531	37.0	5.023	9.3
Down-link	5G NR 70MHz (64QAM)	2593	37.3	5.370	8.8
Down-link	5G NR 70MHz (64QAM)	2655	36.9	4.932	9.3
Down-link	5G NR 70MHz (256QAM)	2531	37.0	5.035	9.3
Down-link	5G NR 70MHz (256QAM)	2593	37.3	5.370	8.8
Down-link	5G NR 70MHz (256QAM)	2655	36.9	4.943	9.3
Down-link	5G NR 80MHz (QPSK)	2536	37.1	5.093	9.3
Down-link	5G NR 80MHz (QPSK)	2593	37.2	5.297	8.9
Down-link	5G NR 80MHz (QPSK)	2650	37.0	4.977	9.3
Down-link	5G NR 80MHz (16QAM)	2536	37.1	5.105	9.4
Down-link	5G NR 80MHz (16QAM)	2593	37.3	5.309	8.9
Down-link	5G NR 80MHz (16QAM)	2650	37.0	4.989	9.4
Down-link	5G NR 80MHz (64QAM)	2536	37.1	5.093	9.4
Down-link	5G NR 80MHz (64QAM)	2593	37.2	5.297	8.9
Down-link	5G NR 80MHz (64QAM)	2650	37.0	4.989	9.4
Down-link	5G NR 80MHz (256QAM)	2536	37.1	5.093	9.4
Down-link	5G NR 80MHz (256QAM)	2593	37.2	5.297	8.9
Down-link	5G NR 80MHz (256QAM)	2650	37.0	4.989	9.4

Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	PAR (dB)
Down-link	5G NR 90MHz (QPSK)	2541	37.1	5.105	9.5
Down-link	5G NR 90MHz (QPSK)	2593	37.2	5.260	8.9
Down-link	5G NR 90MHz (QPSK)	2645	37.0	4.989	9.4
Down-link	5G NR 90MHz (16QAM)	2541	37.1	5.105	9.5
Down-link	5G NR 90MHz (16QAM)	2593	37.2	5.272	8.9
Down-link	5G NR 90MHz (16QAM)	2645	37.0	4.989	9.3
Down-link	5G NR 90MHz (64QAM)	2541	37.1	5.105	9.5
Down-link	5G NR 90MHz (64QAM)	2593	37.2	5.260	8.9
Down-link	5G NR 90MHz (64QAM)	2645	37.0	4.989	9.6
Down-link	5G NR 90MHz (256QAM)	2541	37.1	5.105	9.5
Down-link	5G NR 90MHz (256QAM)	2593	37.2	5.260	8.9
Down-link	5G NR 90MHz (256QAM)	2645	37.0	5.000	9.3
Down-link	5G NR 100MHz (QPSK)	2546	37.0	5.023	9.6
Down-link	5G NR 100MHz (QPSK)	2593	37.2	5.284	8.9
Down-link	5G NR 100MHz (QPSK)	2640	36.8	4.786	9.9
Down-link	5G NR 100MHz (16QAM)	2546	37.0	5.035	9.6
Down-link	5G NR 100MHz (16QAM)	2593	37.2	5.297	8.9
Down-link	5G NR 100MHz (16QAM)	2640	37.0	5.012	9.8
Down-link	5G NR 100MHz (64QAM)	2546	37.0	5.023	9.7
Down-link	5G NR 100MHz (64QAM)	2593	37.2	5.297	8.9
Down-link	5G NR 100MHz (64QAM)	2640	37.0	5.012	9.9
Down-link	5G NR 100MHz (256QAM)	2546	37.0	5.023	9.6
Down-link	5G NR 100MHz (256QAM)	2593	37.2	5.297	8.9
Down-link	5G NR 100MHz (256QAM)	2640	37.0	5.000	9.9

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.

