| FDD25_20MHz_1860_OneRB_high_Q16	FDD25_20MHz_1860_fullRB_Q16
FDD25_1.4MHz_1882.5_OneRB_high_Q16	FDD25_1.4MHz_1882.5_fullRB_Q16
FDD25_3MHz_1882.5_OneRB_high_Q16	FDD25_3MHz_1882.5_fullRB_Q16

| FDD25_5MHz_1882.5_OneRB_high_Q16	FDD25_5MHz_1882.5_fullRB_Q16
FDD25_10MHz_1882.5_OneRB_high_Q16	FDD25_10MHz_1882.5_fullRB_Q16
FDD25_15MHz_1882.5_OneRB_high_Q16	FDD25_15MHz_1882.5_fullRB_Q16
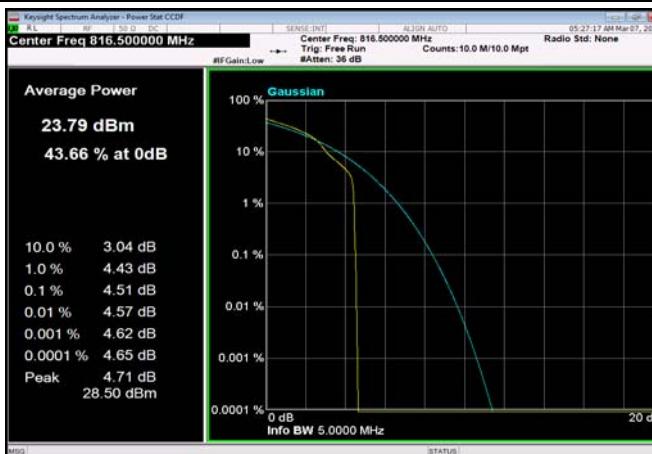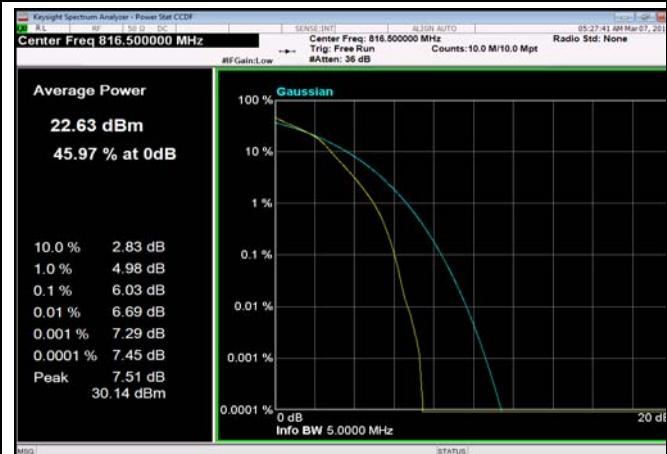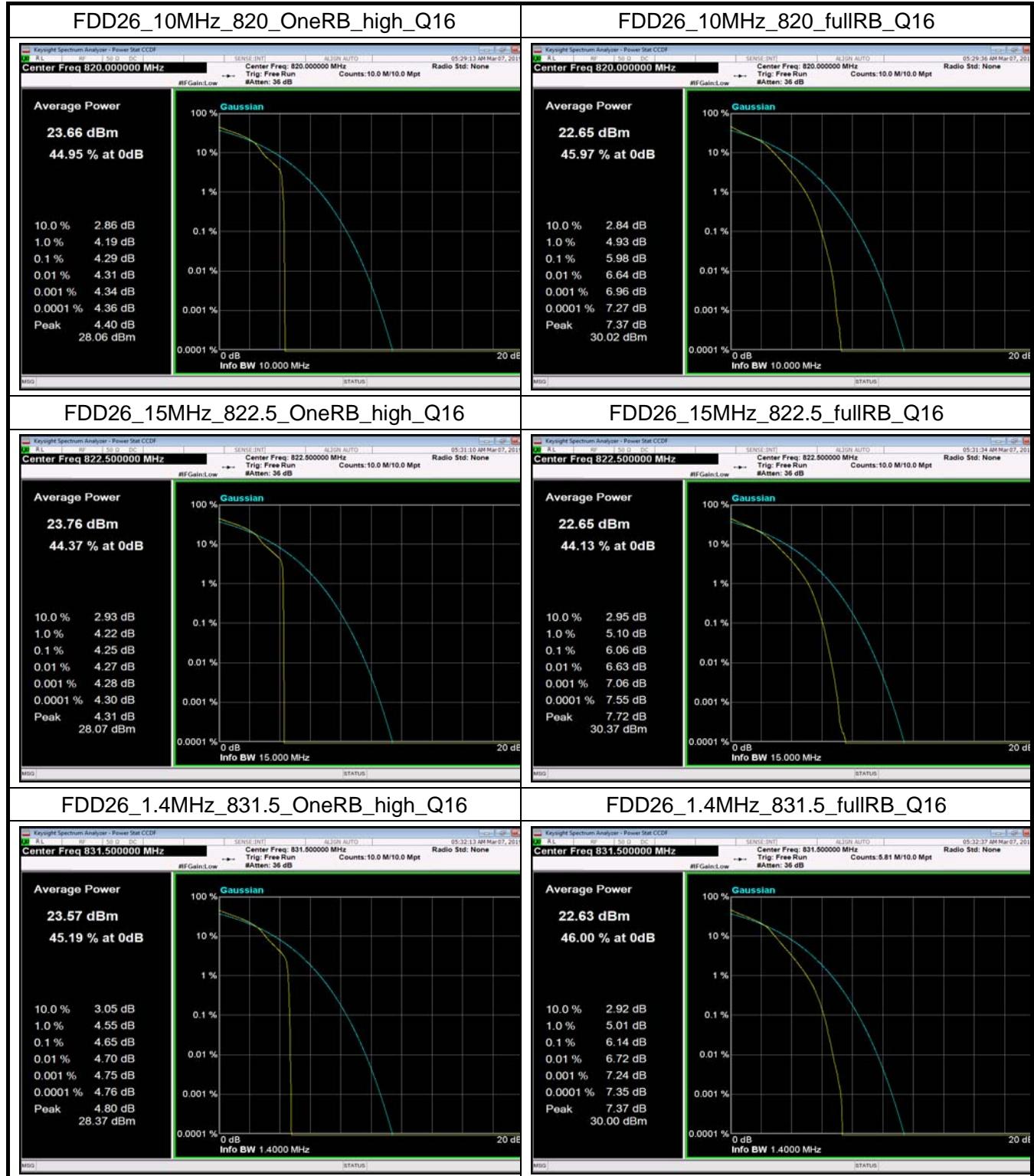
FDD25_20MHz_1882.5_OneRB_high_Q16	FDD25_20MHz_1882.5_fullRB_Q16
FDD25_1.4MHz_1914.3_OneRB_high _Q16	FDD25_1.4MHz_1914.3_fullRB_Q16
FDD25_3MHz_1913.5_OneRB_high_Q16	FDD25_3MHz_1913.5_fullRB_Q16
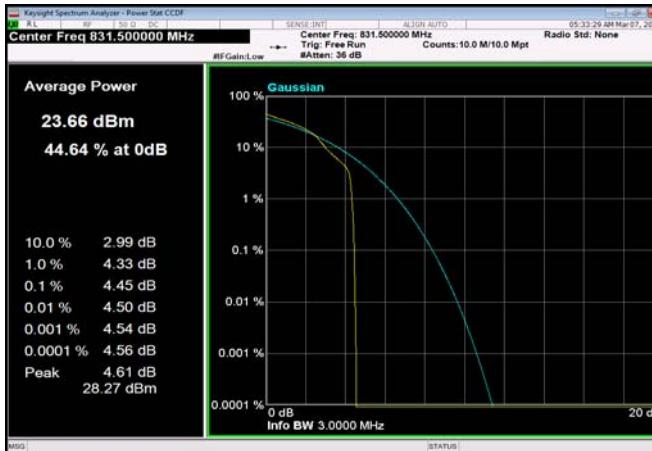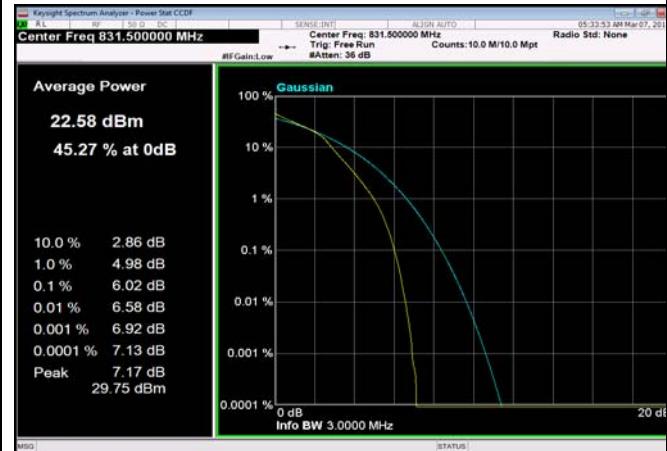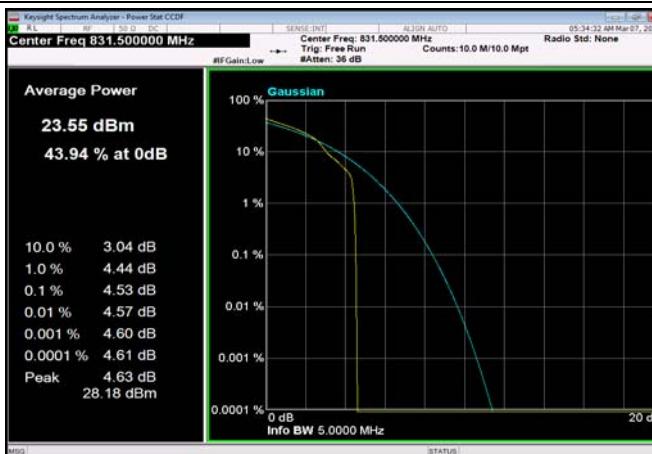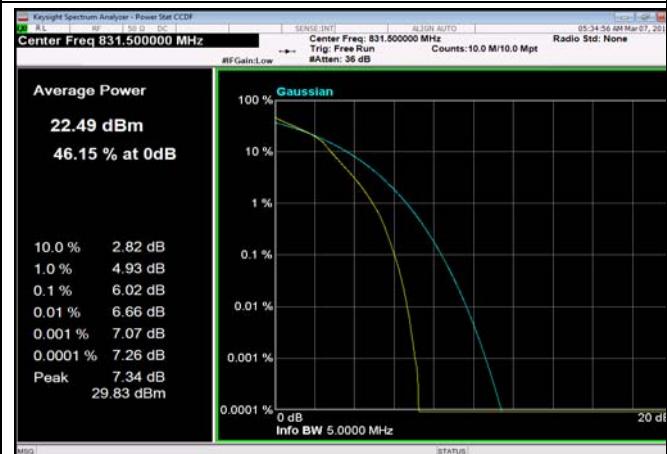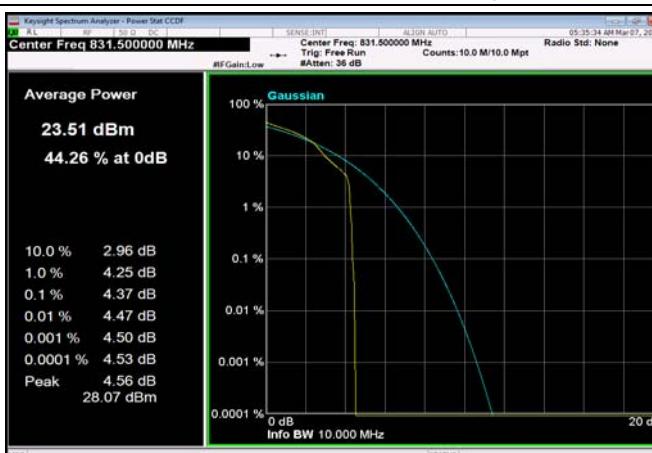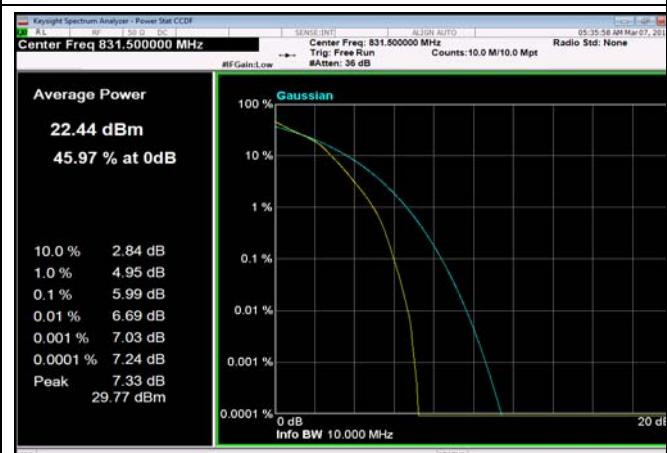
| FDD25_5MHz_1912.5_OneRB_high_Q16	FDD25_5MHz_1912.5_fullRB_Q16
FDD25_10MHz_1910_OneRB_high_Q16	FDD25_10MHz_1910_fullRB_Q16
FDD25_15MHz_1907.5_OneRB_high_Q16	FDD25_15MHz_1907.5_fullRB_Q16
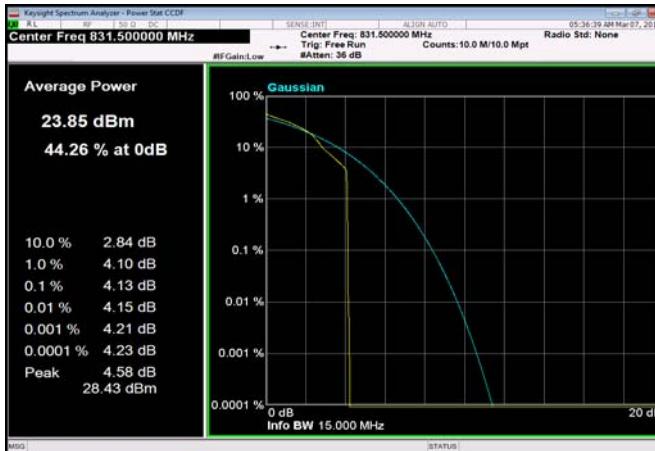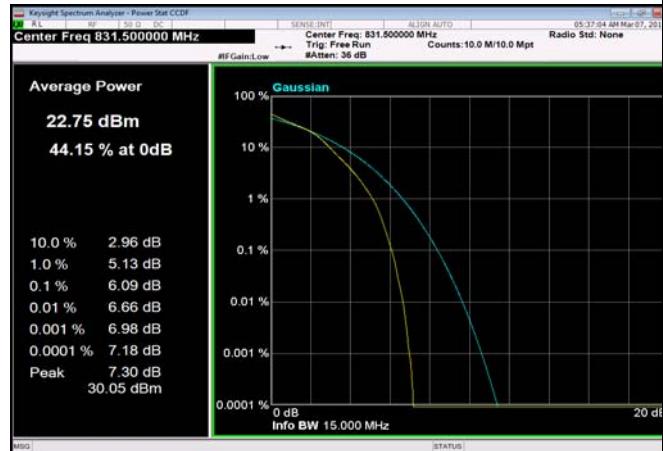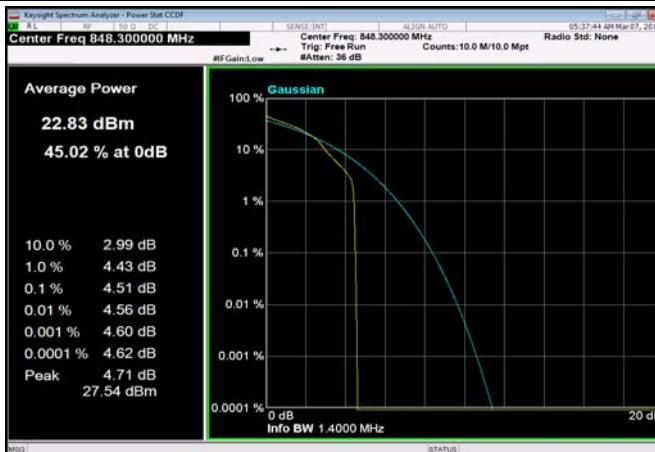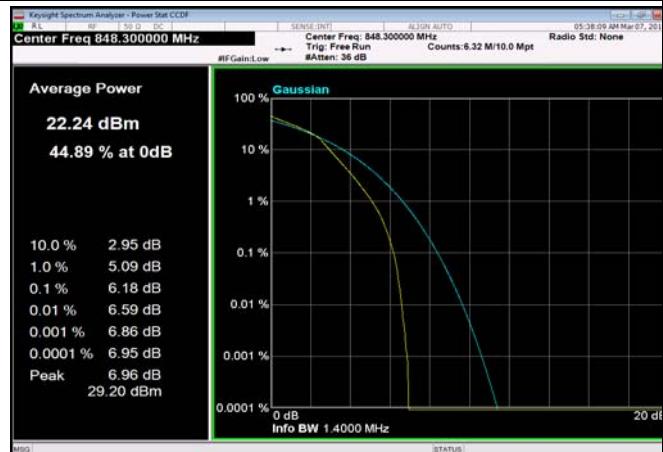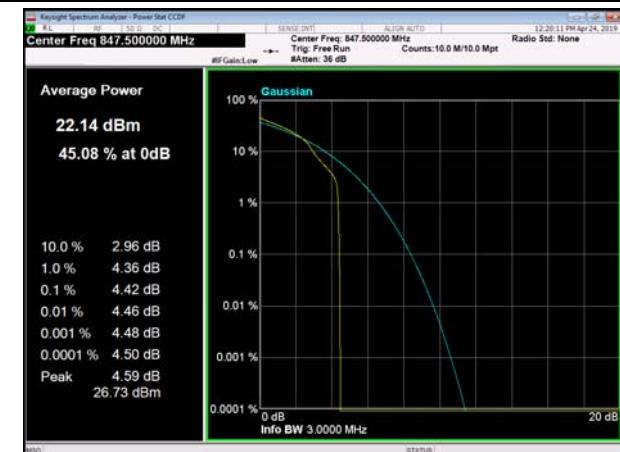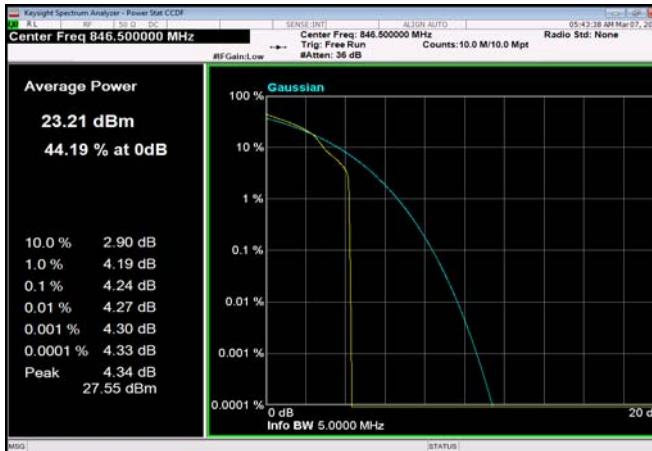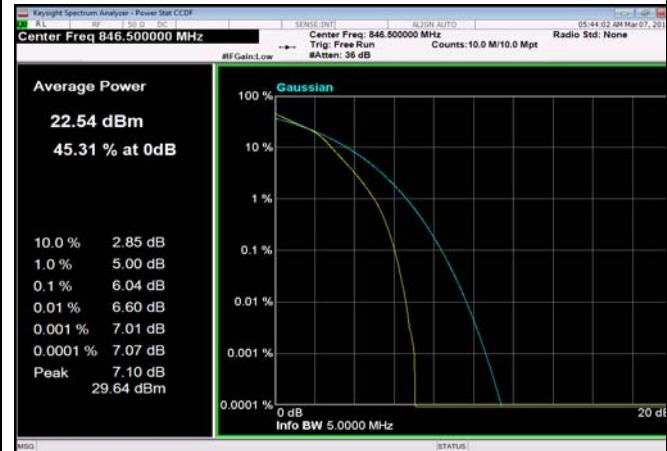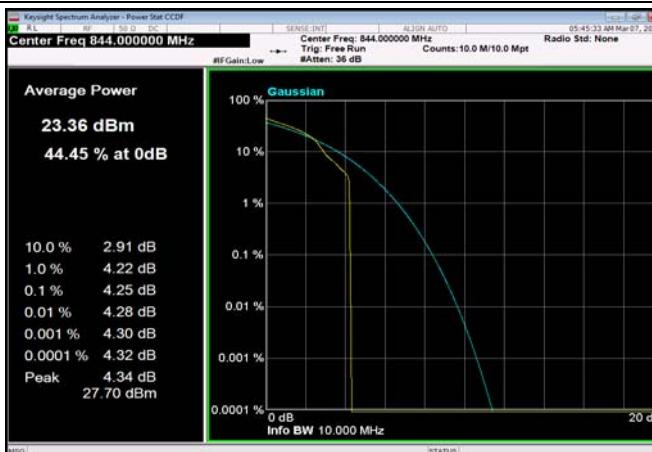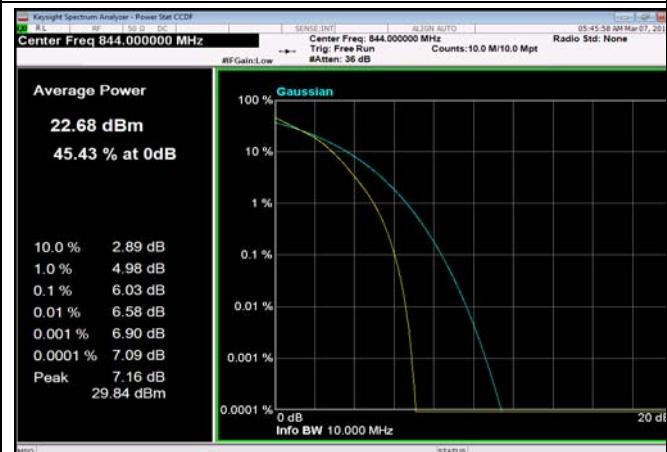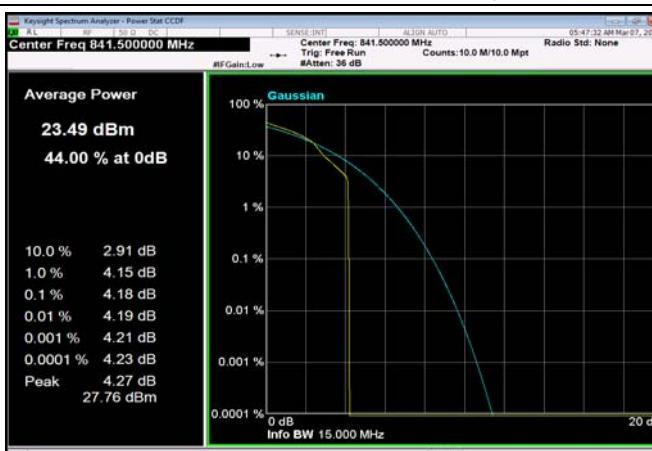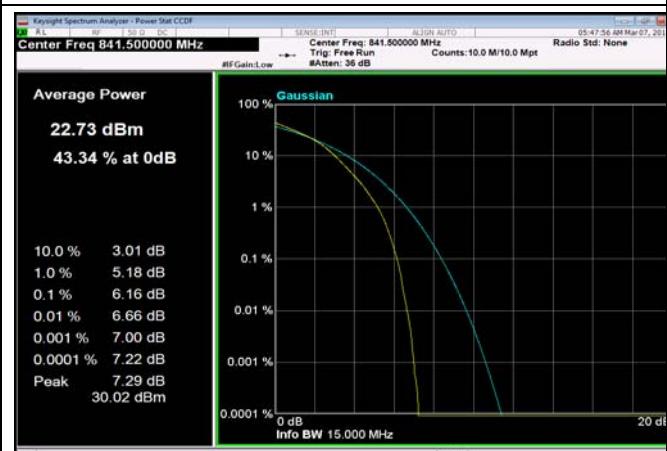
FDD25_20MHz_1905_OneRB_high_Q16	FDD25_20MHz_1905_fullRB_Q16
FDD26_3MHz_815.5_OneRB_high_Q16	FDD26_3MHz_815.5_fullRB_Q16
FDD26_5MHz_816.5_OneRB_high_Q16	FDD26_5MHz_816.5_fullRB_Q16
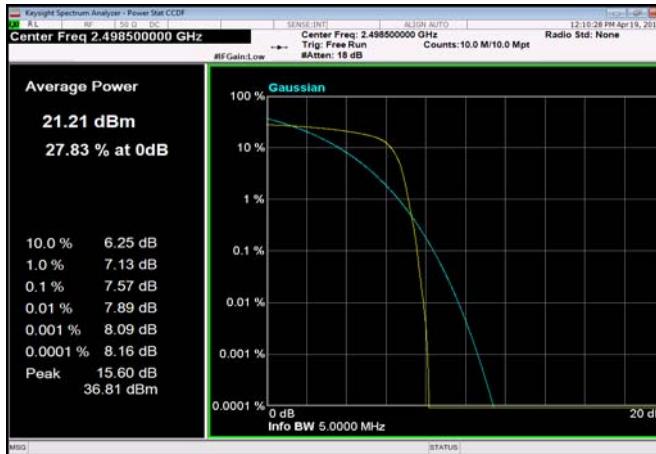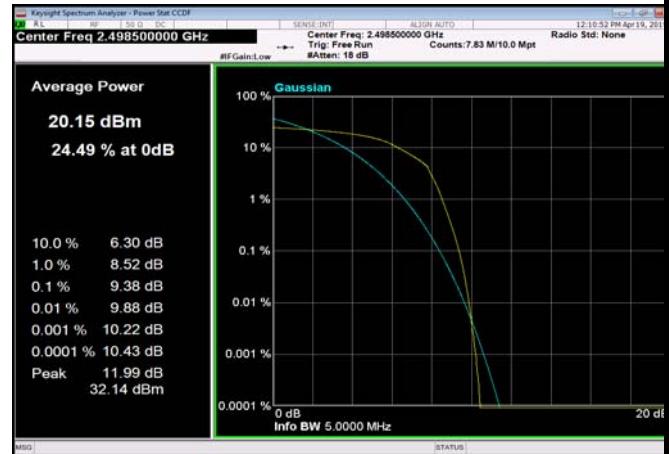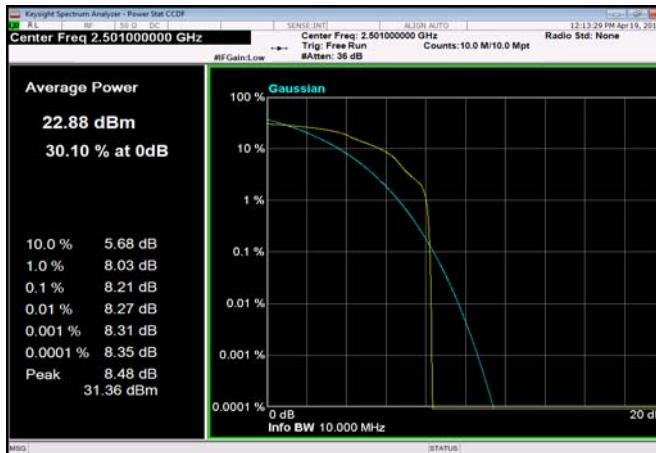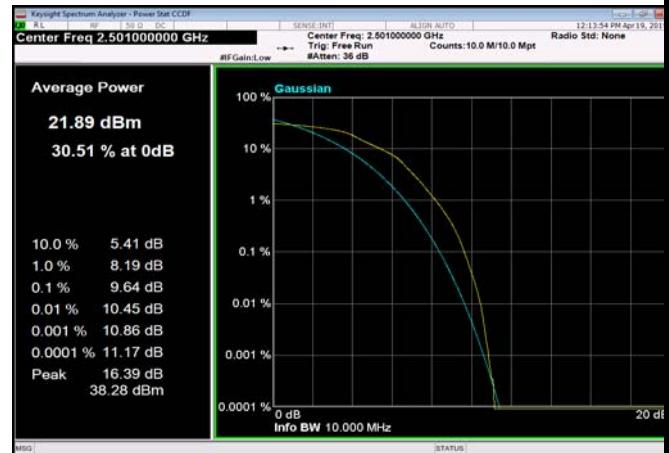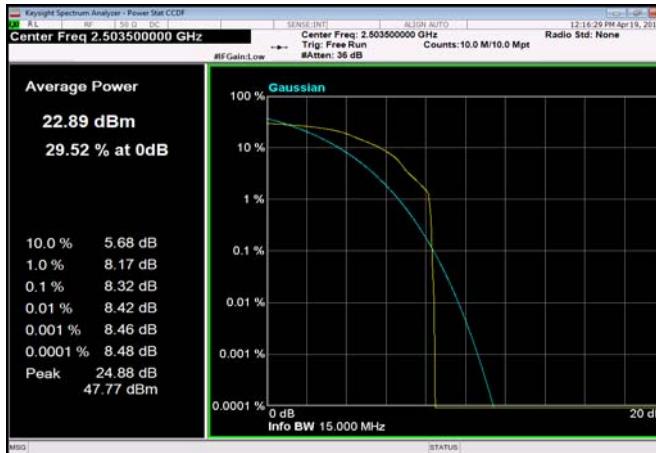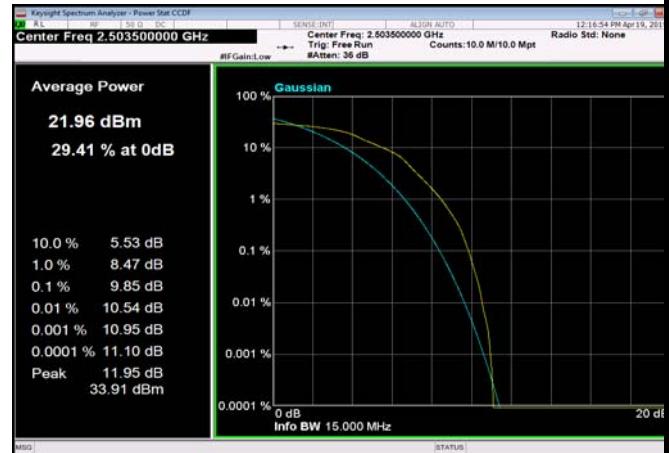
| FDD26_10MHz_820_OneRB_high_Q16	FDD26_10MHz_820_fullRB_Q16
FDD26_15MHz_822.5_OneRB_high_Q16	FDD26_15MHz_822.5_fullRB_Q16
FDD26_1.4MHz_831.5_OneRB_high_Q16	FDD26_1.4MHz_831.5_fullRB_Q16
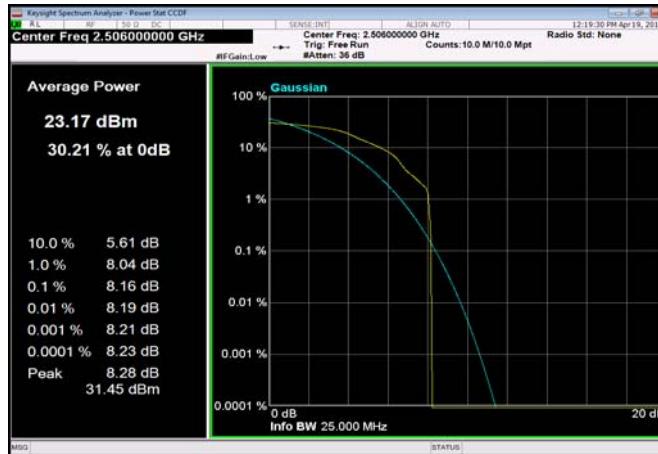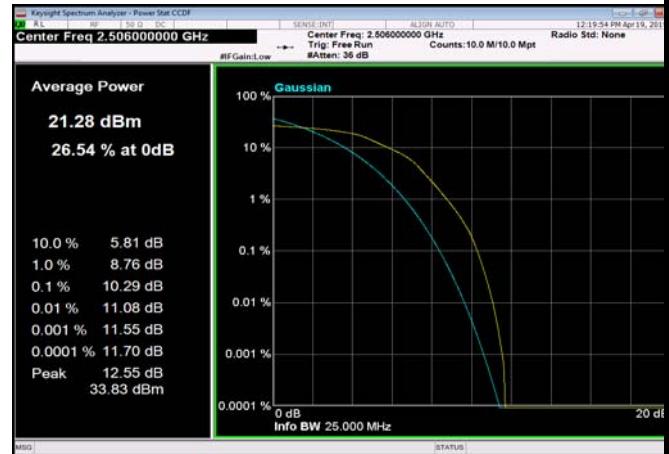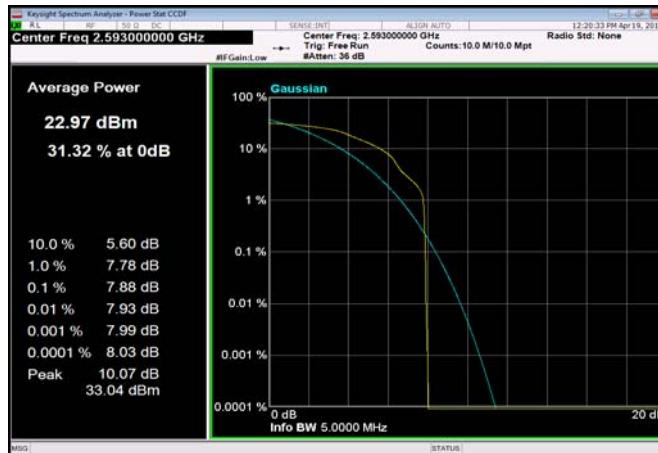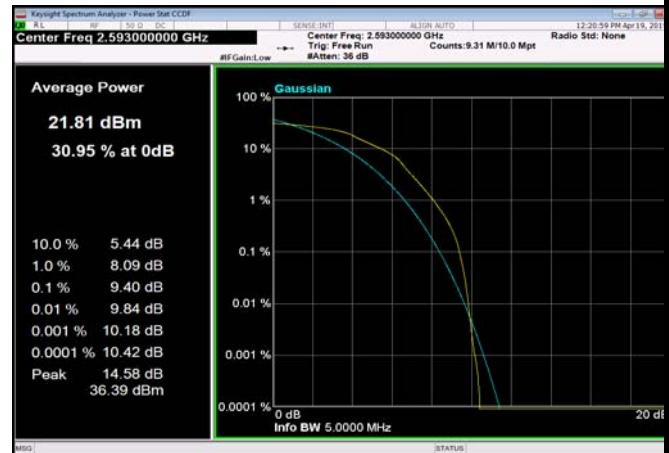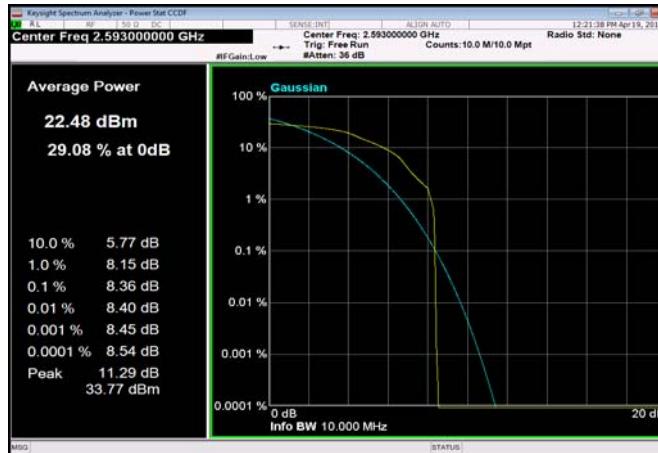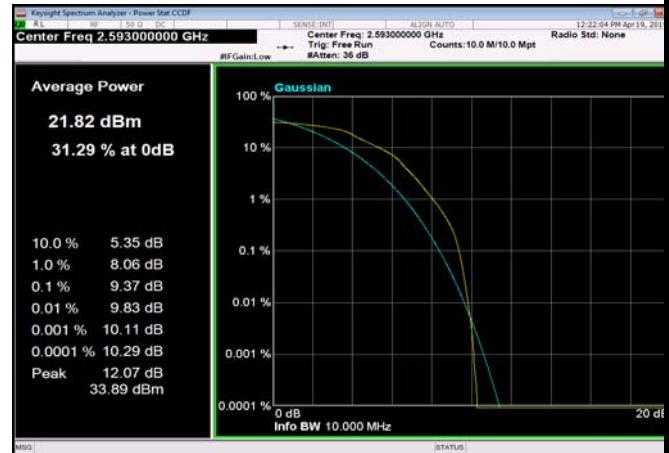
FDD26_3MHz_831.5_OneRB_high_Q16	FDD26_3MHz_831.5_fullRB_Q16
FDD26_5MHz_831.5_OneRB_high_Q16	FDD26_5MHz_831.5_fullRB_Q16
FDD26_10MHz_831.5_OneRB_high_Q16	FDD26_10MHz_831.5_fullRB_Q16
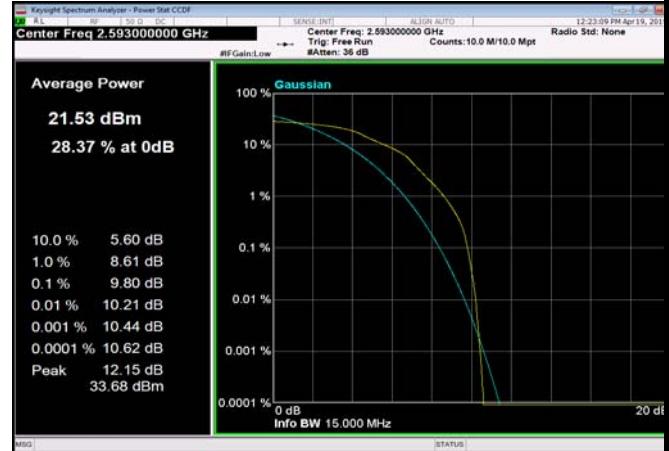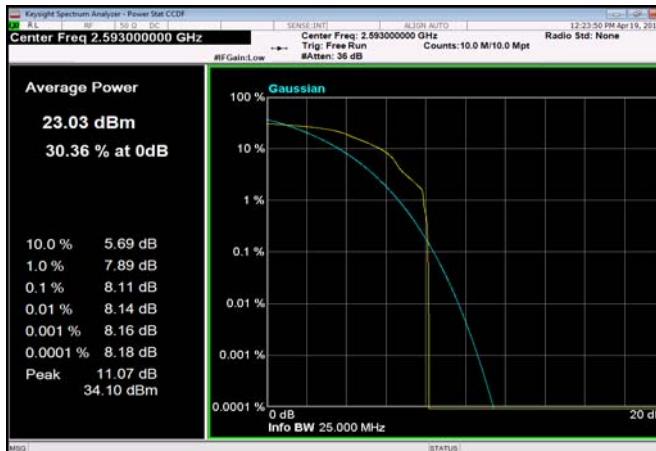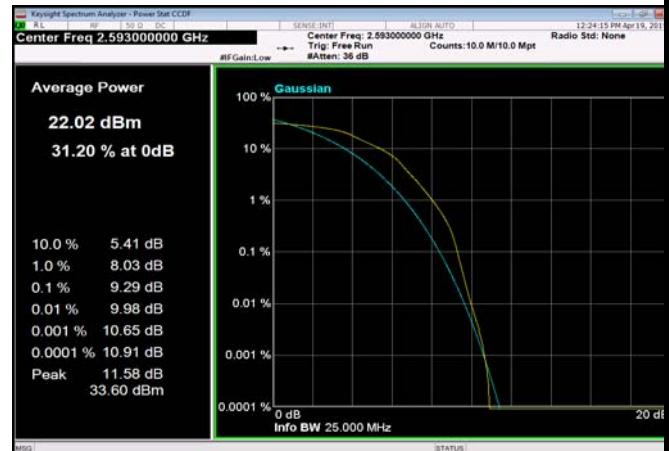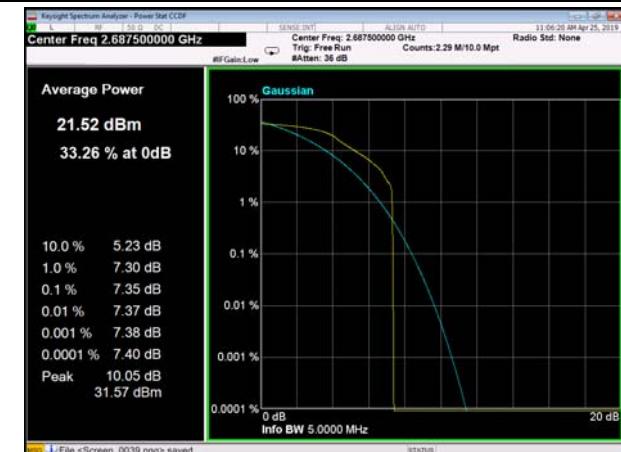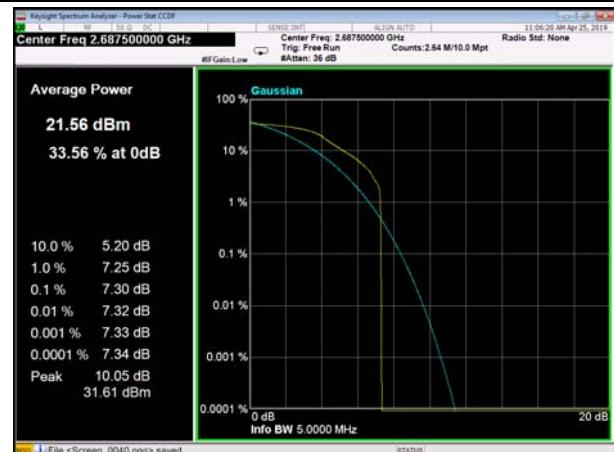
FDD26_15MHz_831.5_OneRB_high_Q16	FDD26_15MHz_831.5_fullRB_Q16

Average Power
23.85 dBm
44.26 % at 0dB

10.0 %	2.84 dB
1.0 %	4.10 dB
0.1 %	4.13 dB
0.01 %	4.15 dB
0.001 %	4.21 dB
0.0001 %	4.23 dB
Peak	4.58 dB
	28.43 dBm

Info BW 15.000 MHz

Average Power
22.75 dBm
44.15 % at 0dB

10.0 %	2.96 dB
1.0 %	5.13 dB
0.1 %	6.09 dB
0.01 %	6.66 dB
0.001 %	6.98 dB
0.0001 %	7.18 dB
Peak	7.30 dB
	30.05 dBm

Info BW 15.000 MHz

FDD26_1.4MHz_848.3_OneRB_high_Q16	FDD26_1.4MHz_848.3_fullRB_Q16

Average Power
22.83 dBm
45.02 % at 0dB

10.0 %	2.99 dB
1.0 %	4.43 dB
0.1 %	4.51 dB
0.01 %	4.56 dB
0.001 %	4.60 dB
0.0001 %	4.62 dB
Peak	4.71 dB
	27.54 dBm

Info BW 1.4000 MHz

Average Power
22.24 dBm
44.89 % at 0dB

10.0 %	2.95 dB
1.0 %	5.09 dB
0.1 %	6.18 dB
0.01 %	6.59 dB
0.001 %	6.86 dB
0.0001 %	6.95 dB
Peak	6.96 dB
	29.20 dBm

Info BW 1.4000 MHz

| FDD26_3MHz_847.5_OneRB_high_Q16	FDD26_3MHz_847.5_fullRB_Q16

Average Power
22.14 dBm
45.08 % at 0dB

10.0 %	2.96 dB
1.0 %	4.36 dB
0.1 %	4.42 dB
0.01 %	4.46 dB
0.001 %	4.48 dB
0.0001 %	4.50 dB
Peak	4.59 dB
	26.73 dBm

Info BW 3.0000 MHz

Average Power
21.74 dBm
44.43 % at 0dB

10.0 %	2.91 dB
1.0 %	5.07 dB
0.1 %	6.07 dB
0.01 %	6.53 dB
0.001 %	6.83 dB
0.0001 %	7.00 dB
Peak	7.03 dB
	28.77 dBm

Info BW 3.0000 MHz
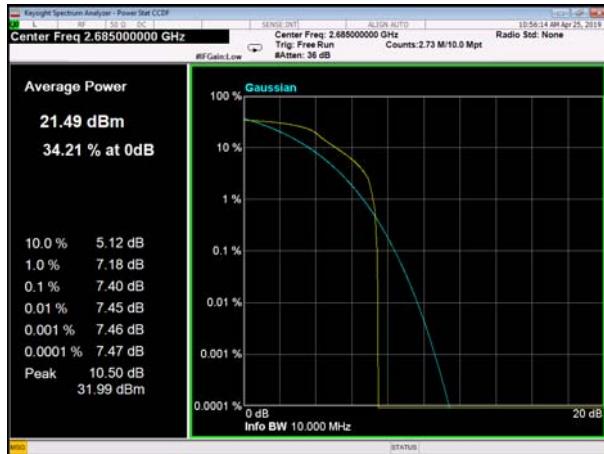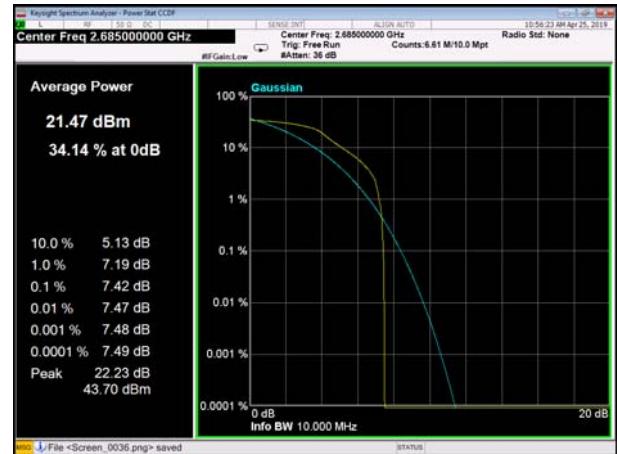
| FDD26_5MHz_846.5_OneRB_high_Q16	FDD26_5MHz_846.5_fullRB_Q16
FDD26_10MHz_844_OneRB_high_Q16	FDD26_10MHz_844_fullRB_Q16
FDD26_15MHz_841.5_OneRB_high_Q16	FDD26_15MHz_841.5_fullRB_Q16
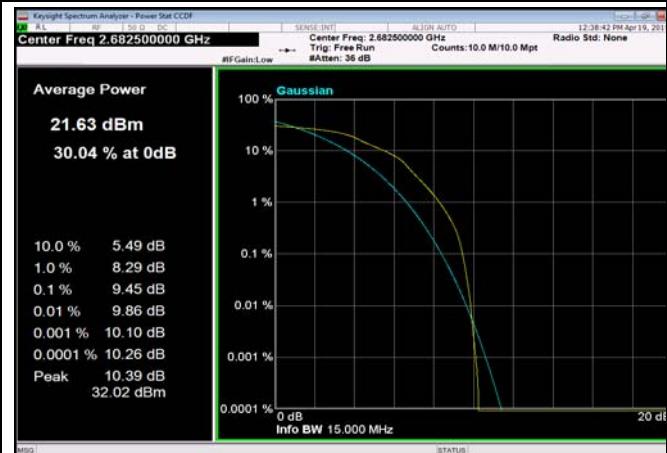
TDD41_LowRange_5MHz_2498.5_OneRB _high_Q16	TDD41_LowRange_5MHz_2498.5_fullRB _Q16
TDD41_LowRange_10MHz_2501_OneRB _high_Q16	TDD41_LowRange_10MHz_2501_fullRB _Q16
TDD41_LowRange_15MHz_2503.5_OneRB _high_Q16	TDD41_LowRange_15MHz_2503.5_fullRB _Q16
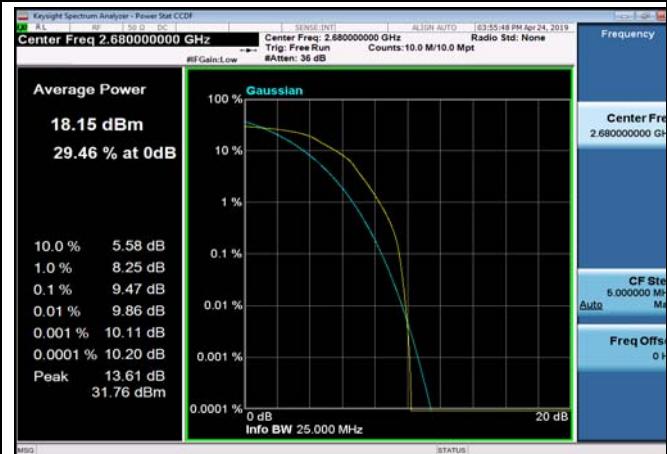
TDD41_LowRange_20MHz_2506_OneRB _high_Q16	TDD41_LowRange_20MHz_2506_fullRB _Q16
TDD41_MidRange_5MHz_2593_OneRB _high_Q16	TDD41_MidRange_5MHz_2593_fullRB _Q16
TDD41_MidRange_10MHz_2593_OneRB _high_Q16	TDD41_MidRange_10MHz_2593_fullRB _Q16
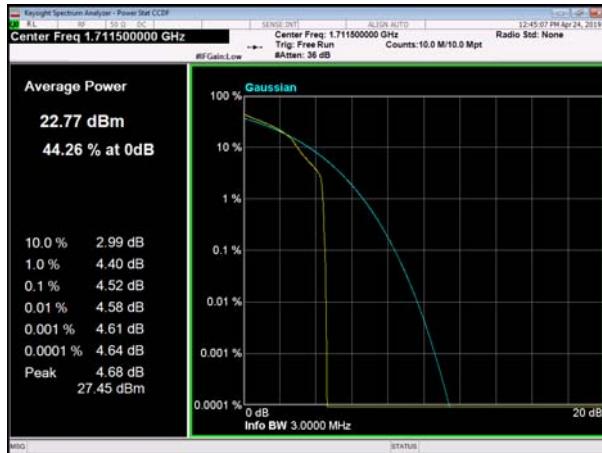
TDD41_MidRange_15MHz_2593_OneRB _high_Q16	TDD41_MidRange_15MHz_2593_fullRB _Q16
TDD41_MidRange_20MHz_2593_OneRB _high_Q16	TDD41_MidRange_20MHz_2593_fullRB _Q16
TDD41_HighRange_5MHz_2687.5_OneRB _high_Q16	TDD41_HighRange_5MHz_2687.5_fullRB _Q16
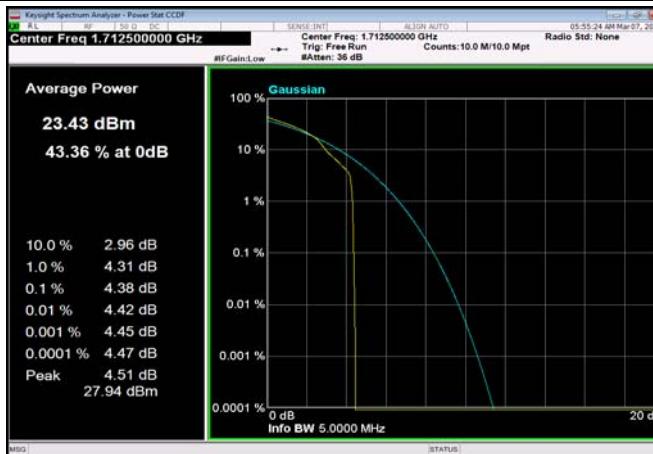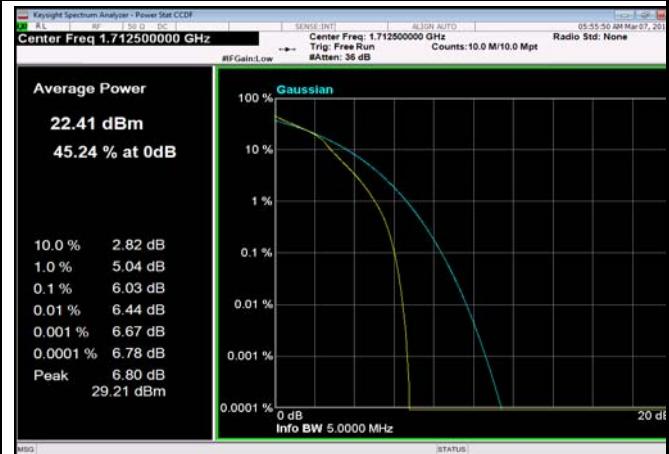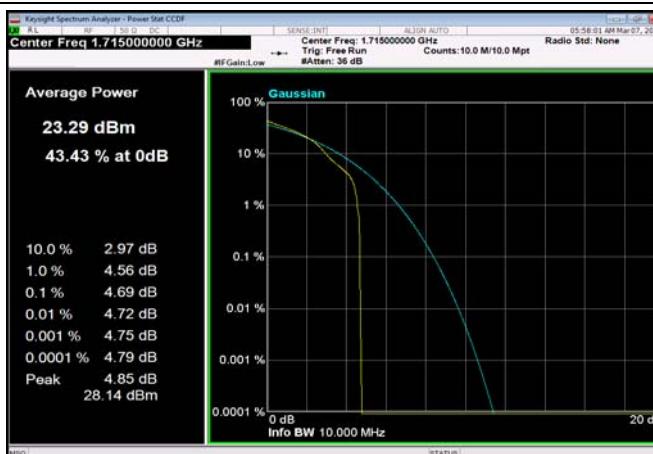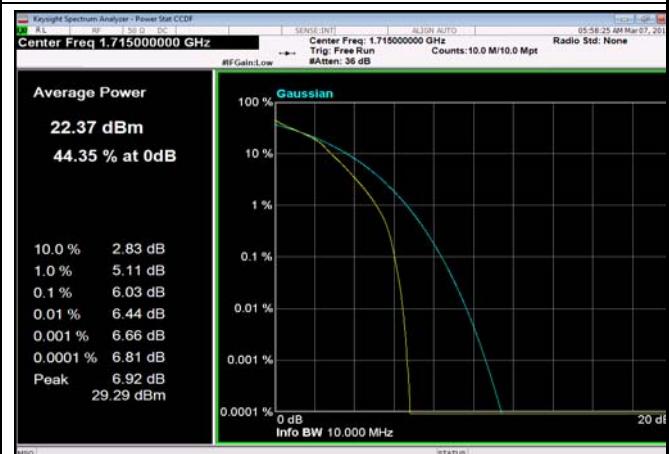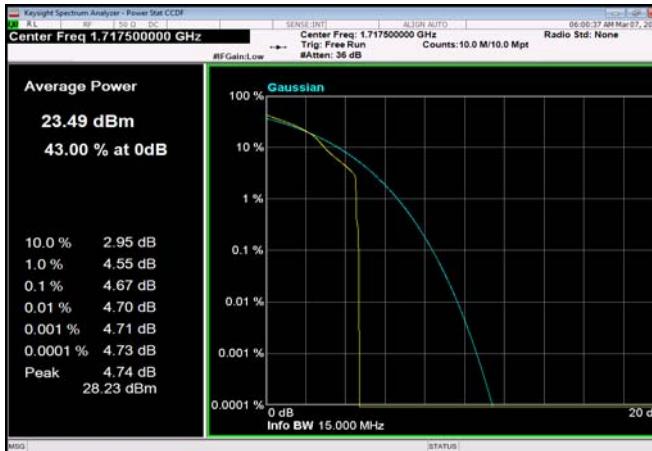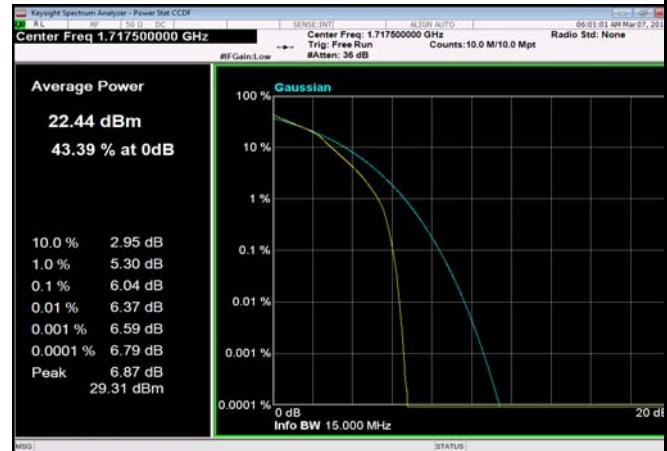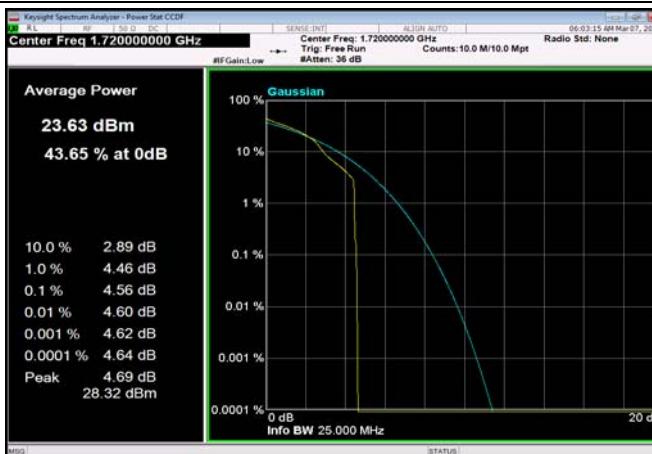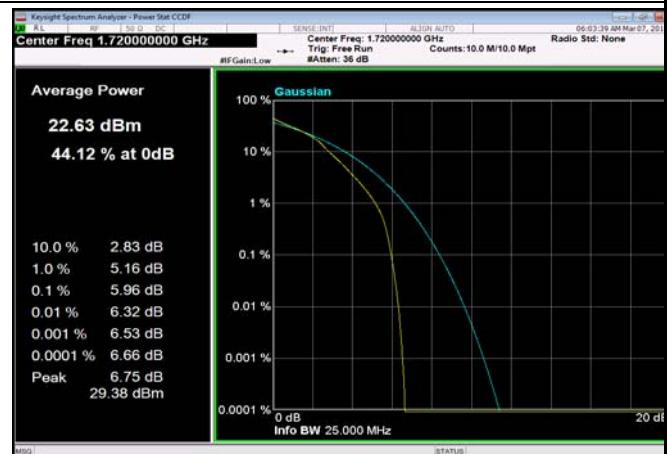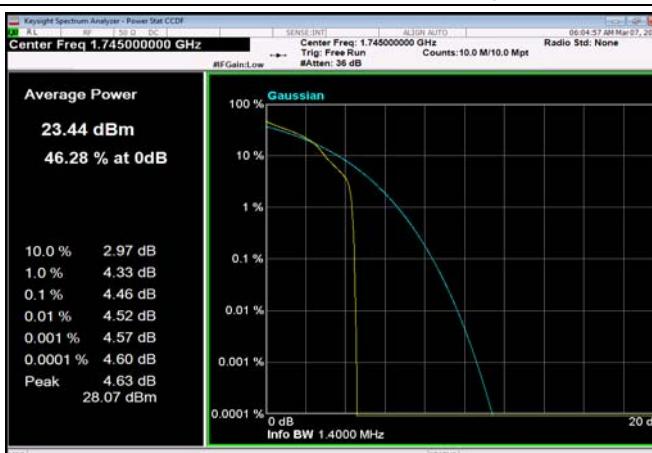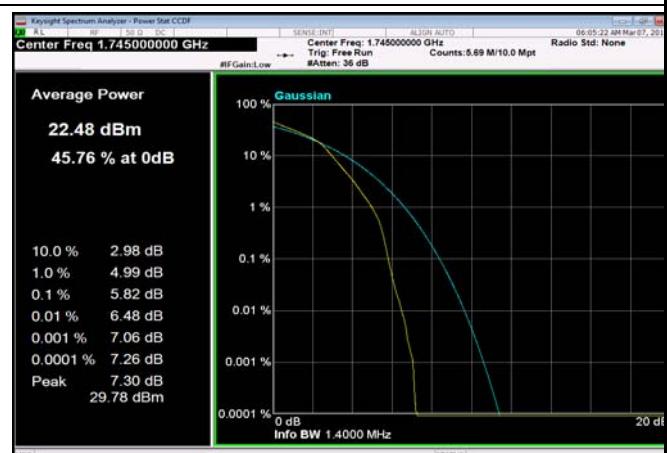
| TDD41_HighRange_10MHz_2685_OneRB _high_Q16	TDD41_HighRange_10MHz_2685_fullRB _Q16
TDD41_HighRange_15MHz_2682.5_OneRB _high_Q16	TDD41_HighRange_15MHz_2682.5_fullRB _Q16
TDD41_HighRange_20MHz_2680_OneRB _high_Q16	TDD41_HighRange_20MHz_2680_fullRB _Q16
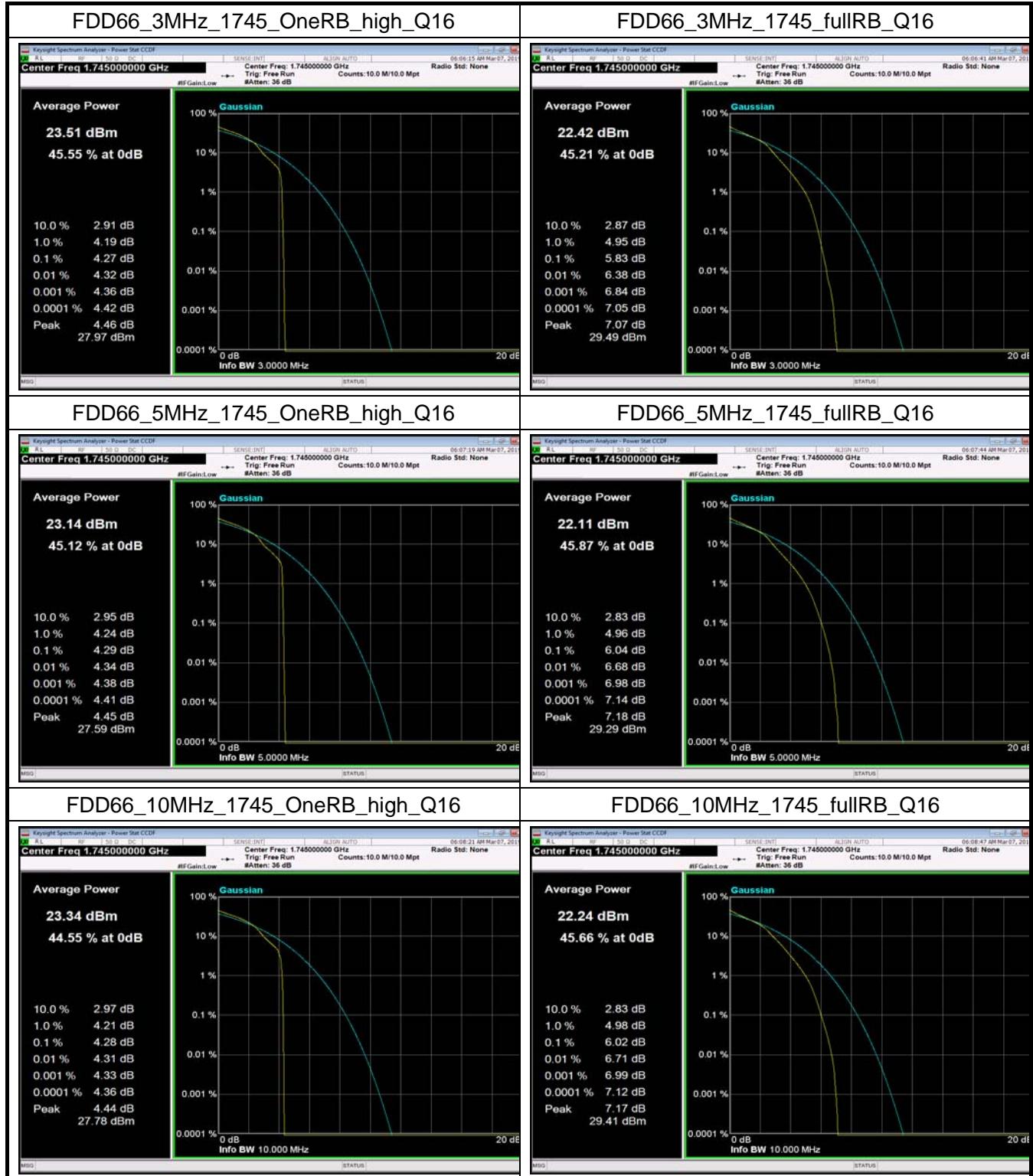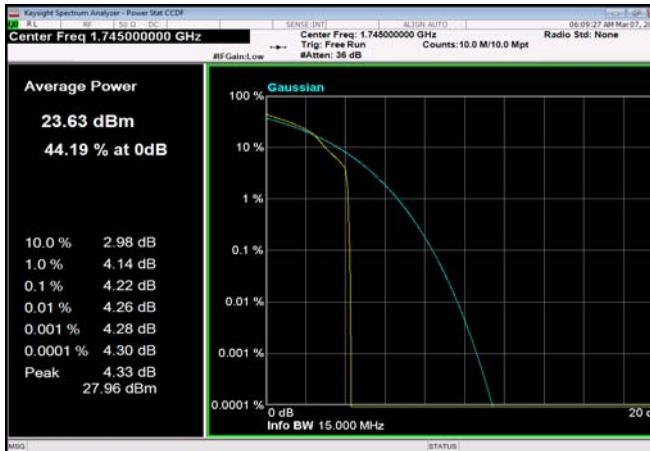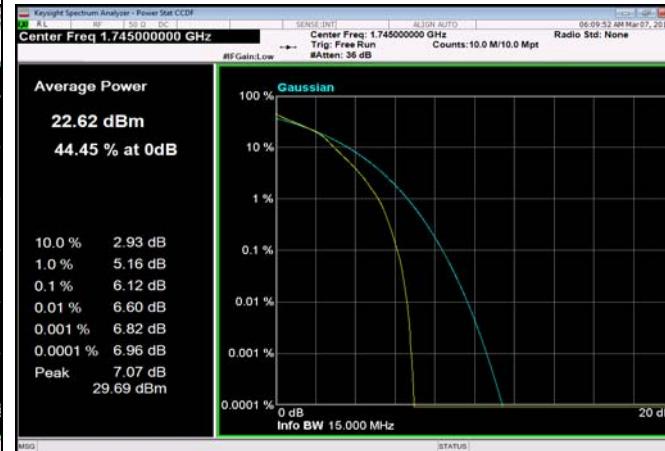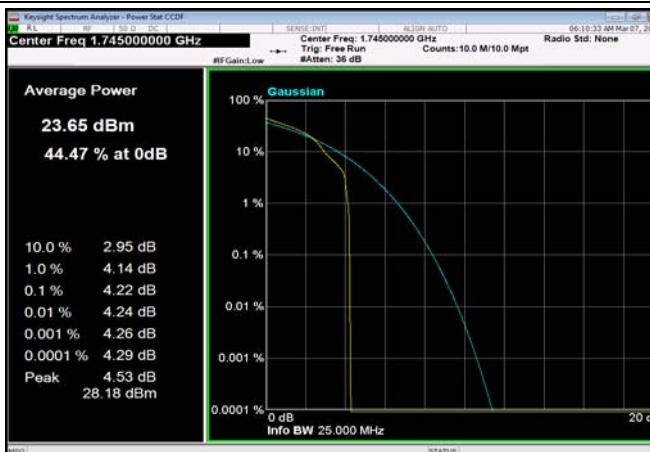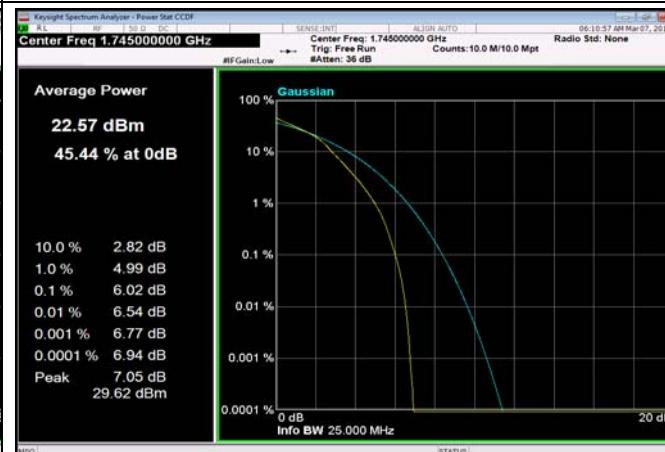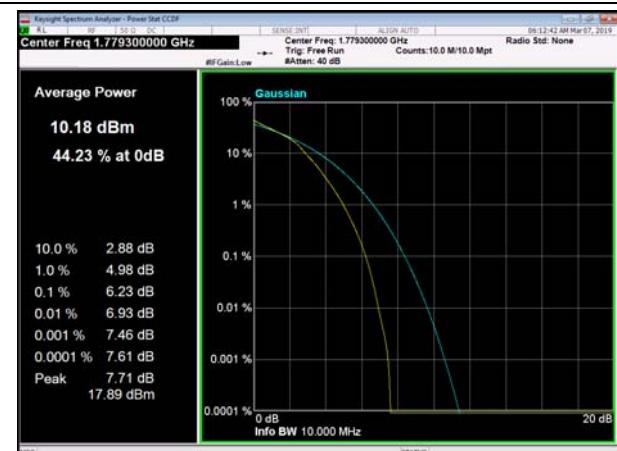
FDD66_3MHz_1711.5_OneRB_high_Q16	FDD66_3MHz_1711.5_fullRB_Q16
FDD66_5MHz_1712.5_OneRB_high_Q16	FDD66_5MHz_1712.5_fullRB_Q16
FDD66_10MHz_1715_OneRB_high_Q16	FDD66_10MHz_1715_fullRB_Q16
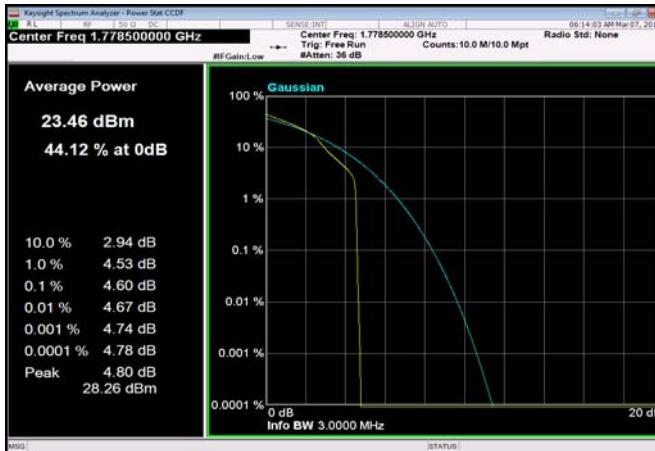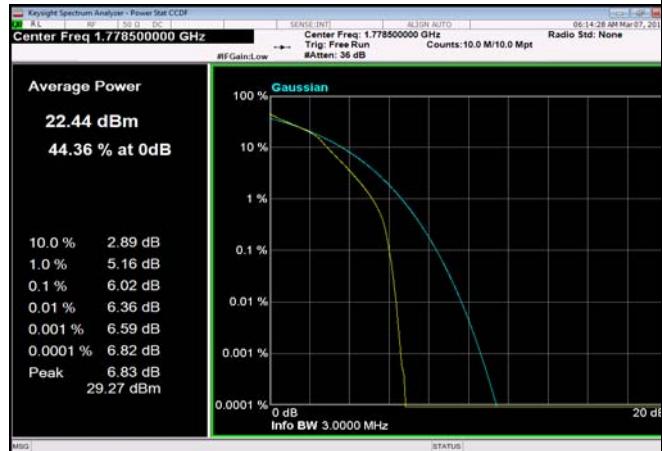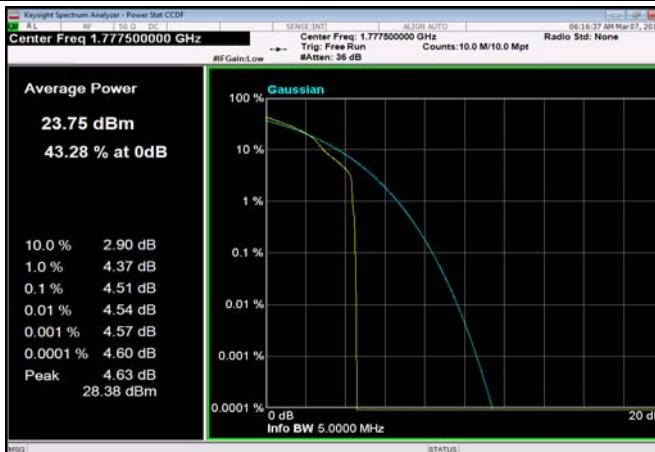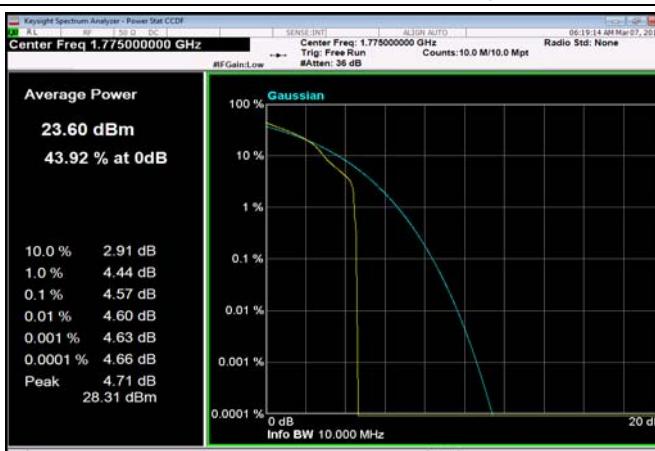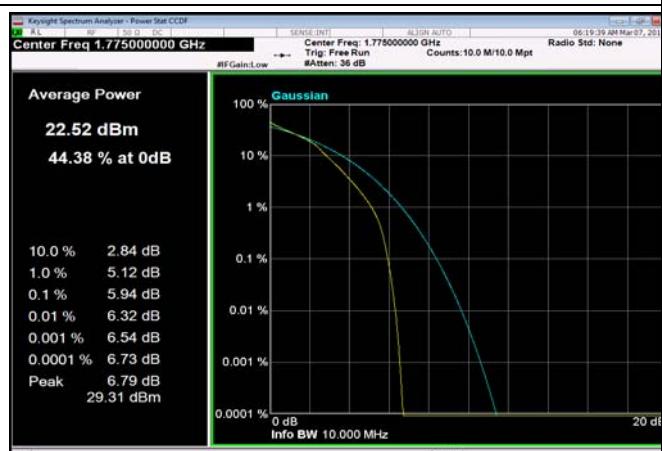
FDD66_15MHz_1717.5_OneRB_high_Q16	FDD66_15MHz_1717.5_fullRB_Q16

FDD66_20MHz_1720_OneRB_high_Q16	FDD66_20MHz_1720_fullRB_Q16

FDD66_1.4MHz_1745_OneRB_high_Q16	FDD66_1.4MHz_1745_fullRB_Q16

| FDD66_3MHz_1745_OneRB_high_Q16	FDD66_3MHz_1745_fullRB_Q16

FDD66_5MHz_1745_OneRB_high_Q16	FDD66_5MHz_1745_fullRB_Q16

FDD66_10MHz_1745_OneRB_high_Q16	FDD66_10MHz_1745_fullRB_Q16
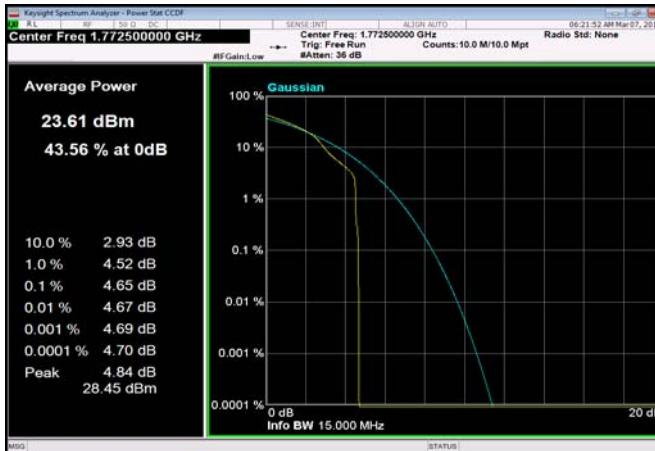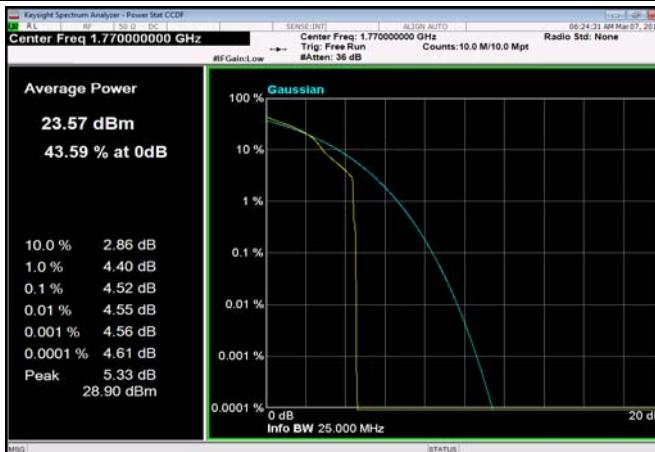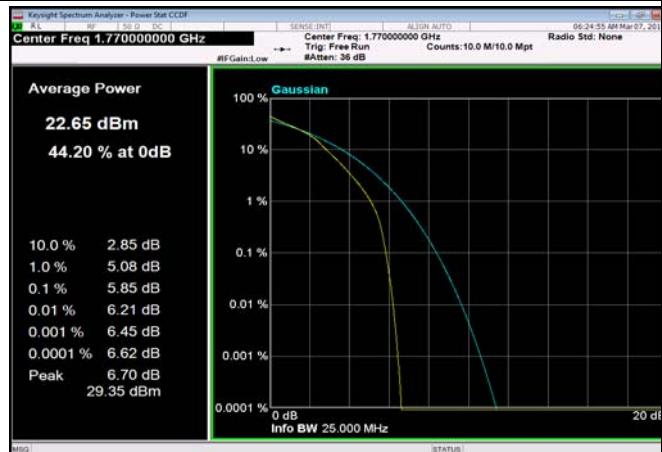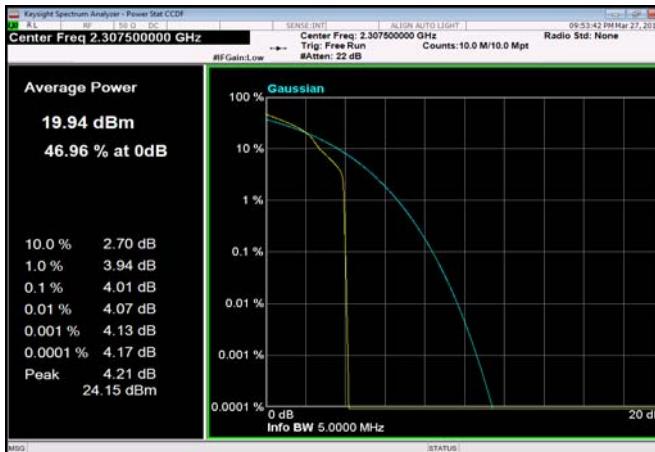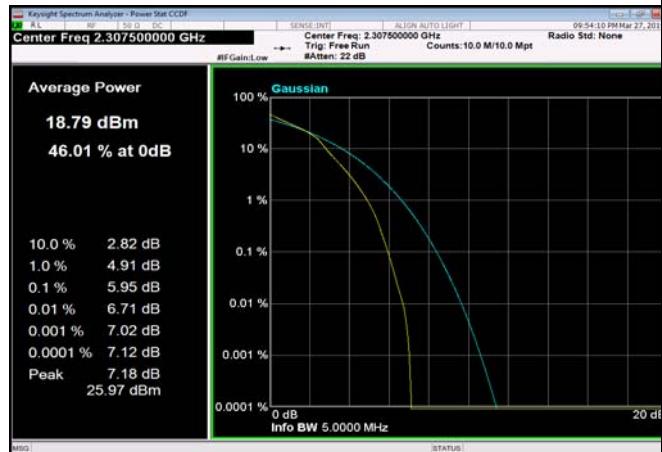
FDD66_15MHz_1745_OneRB_high_Q16	FDD66_15MHz_1745_fullRB_Q16
FDD66_20MHz_1745_OneRB_high_Q16	FDD66_20MHz_1745_fullRB_Q16
FDD66_1.4MHz_1779.3_OneRB_high_Q16	FDD66_1.4MHz_1779.3_fullRB_Q16
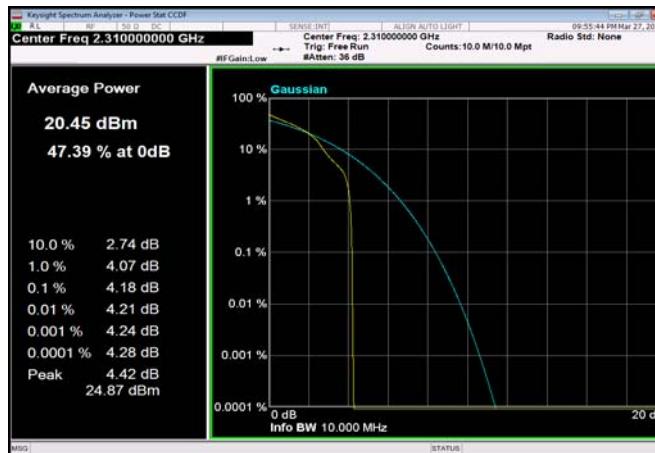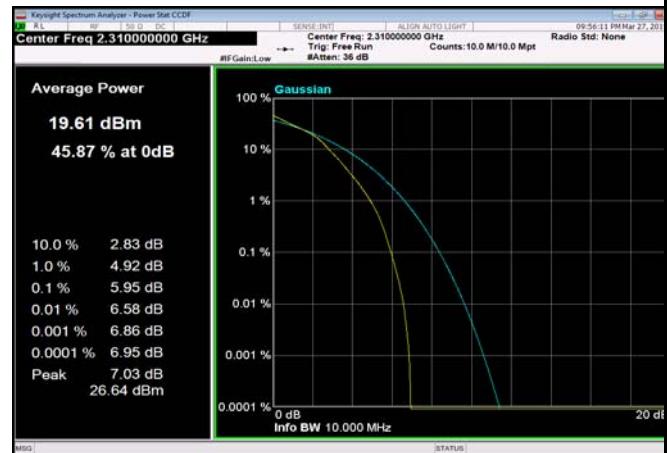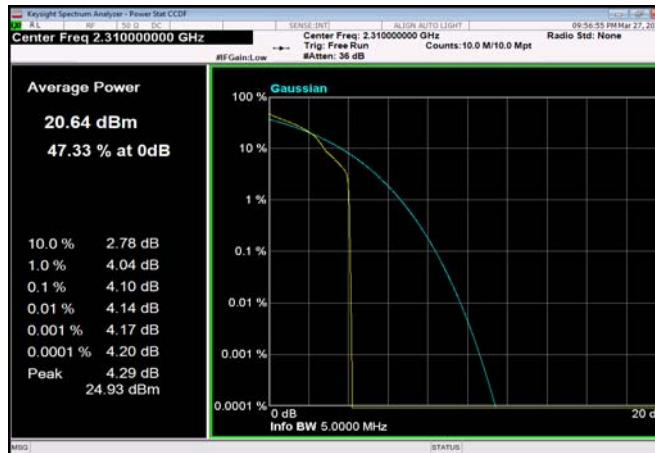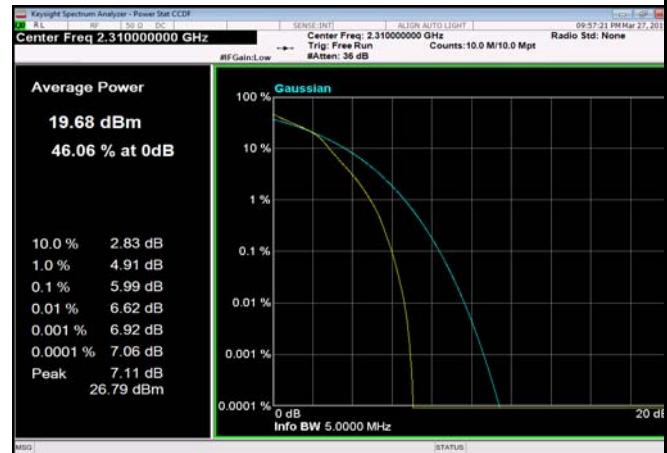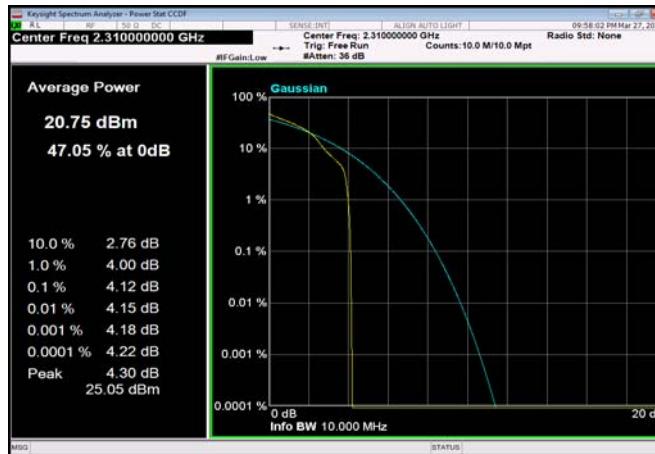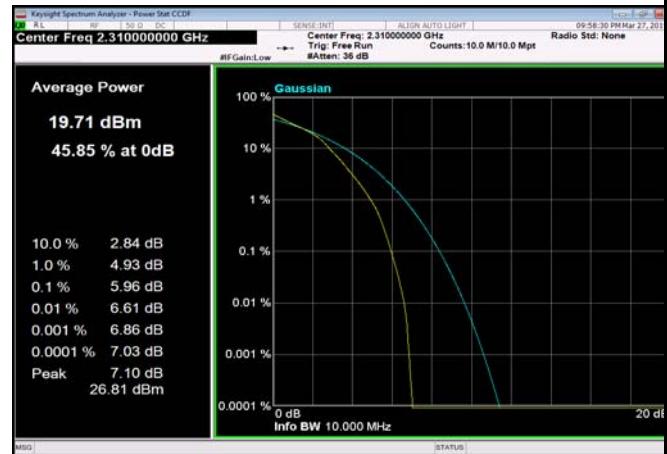
FDD66_3MHz_1778.5_OneRB_high_Q16	FDD66_3MHz_1778.5_fullRB_Q16
FDD66_5MHz_1777.5_OneRB_high_Q16	FDD66_5MHz_1777.5_fullRB_Q16
FDD66_10MHz_1775_OneRB_high_Q16	FDD66_10MHz_1775_fullRB_Q16
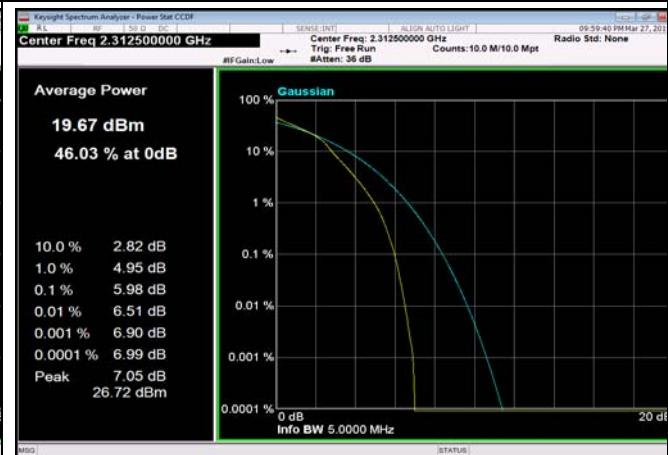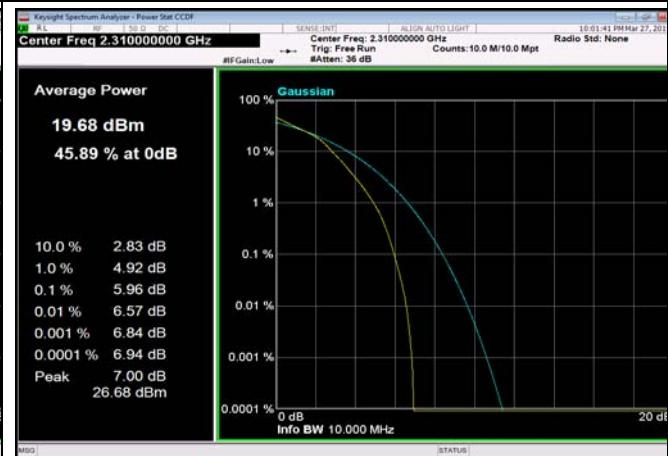
FDD66_15MHz_1772.5_OneRB_high_Q16	FDD66_15MHz_1772.5_fullRB_Q16

FDD66_20MHz_1770_OneRB_high_Q16	FDD66_20MHz_1770_fullRB_Q16

FDD30_LowRange_5MHz_2307.5_OneRB_high_Q16	FDD30_LowRange_5MHz_2307.5_fullRB_Q16

FDD30_LowRange_10MHz_2310_OneRB _high_Q16	FDD30_LowRange_10MHz_2310_fullRB _Q16
FDD30_MidRange_5MHz_2310_OneRB _high_Q16	FDD30_MidRange_5MHz_2310_fullRB _Q16
FDD30_MidRange_10MHz_2310_OneRB _high_Q16	FDD30_MidRange_10MHz_2310_fullRB _Q16

FDD30_HighRange_5MHz_2312.5_OneRB _high_Q16	FDD30_HighRange_5MHz_2312.5_fullRB _Q16
FDD30_HighRange_10MHz_2310_OneRB _high_Q16	FDD30_HighRange_10MHz_2310_fullRB _Q16

99% Occupied Bandwidth

Test Result and Data

Occupied Bandwidth NormalTC_NormalVol					
Band	Range	BandWidth	Frequency (MHz)	Modulation	Occupied Bandwidth(99%) (MHz)
FDD02	MidRange	1.4	1880	QPSK	1.085
FDD02	MidRange	1.4	1880	Q16	1.085
FDD02	MidRange	3	1880	QPSK	2.677
FDD02	MidRange	3	1880	Q16	2.677
FDD02	MidRange	5	1880	QPSK	4.488
FDD02	MidRange	5	1880	Q16	4.486
FDD02	MidRange	10	1880	QPSK	8.922
FDD02	MidRange	10	1880	Q16	8.916
FDD02	MidRange	15	1880	QPSK	13.435
FDD02	MidRange	15	1880	Q16	13.431
FDD02	MidRange	20	1880	QPSK	17.859
FDD02	MidRange	20	1880	Q16	17.858
FDD04	MidRange	1.4	1732.5	QPSK	1.084
FDD04	MidRange	1.4	1732.5	Q16	1.083
FDD04	MidRange	3	1732.5	QPSK	2.677
FDD04	MidRange	3	1732.5	Q16	2.676
FDD04	MidRange	5	1732.5	QPSK	4.488
FDD04	MidRange	5	1732.5	Q16	4.488
FDD04	MidRange	10	1732.5	QPSK	8.925
FDD04	MidRange	10	1732.5	Q16	8.916
FDD04	MidRange	15	1732.5	QPSK	13.438
FDD04	MidRange	15	1732.5	Q16	13.439
FDD04	MidRange	20	1732.5	QPSK	17.868
FDD04	MidRange	20	1732.5	Q16	17.866
FDD05	MidRange	1.4	836.5	QPSK	1.085
FDD05	MidRange	1.4	836.5	Q16	1.084
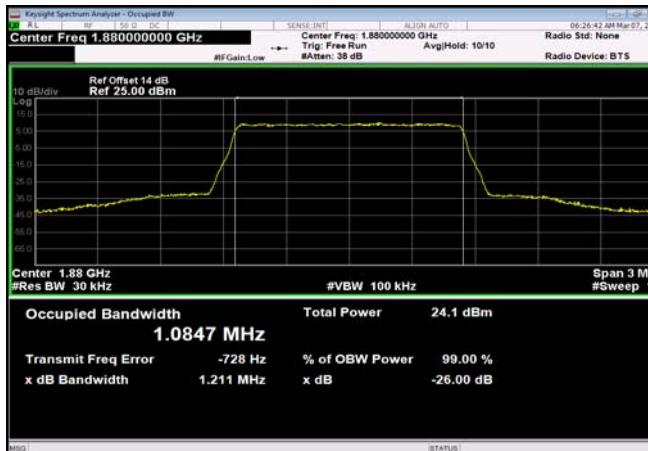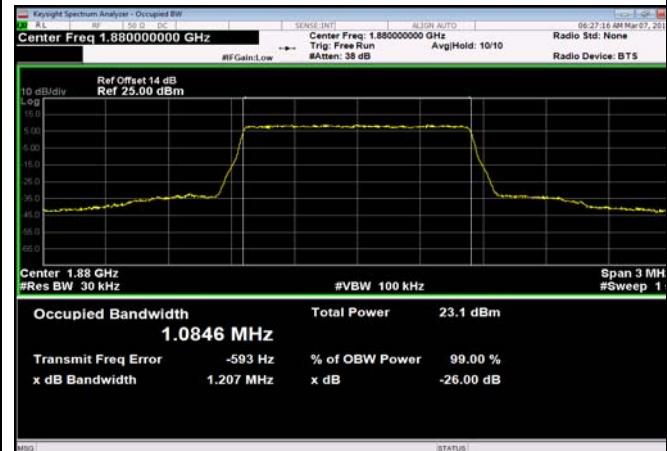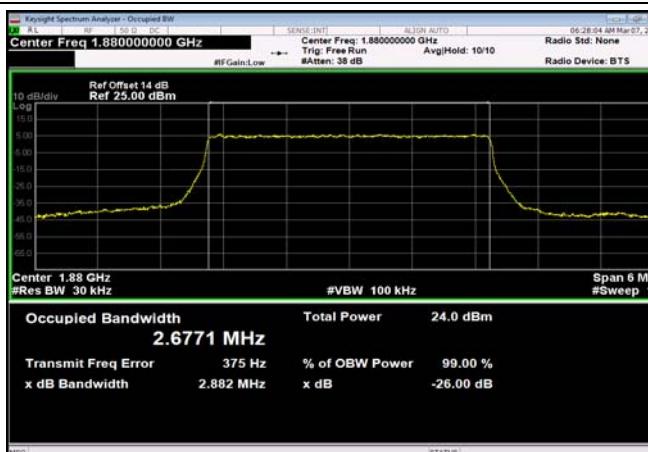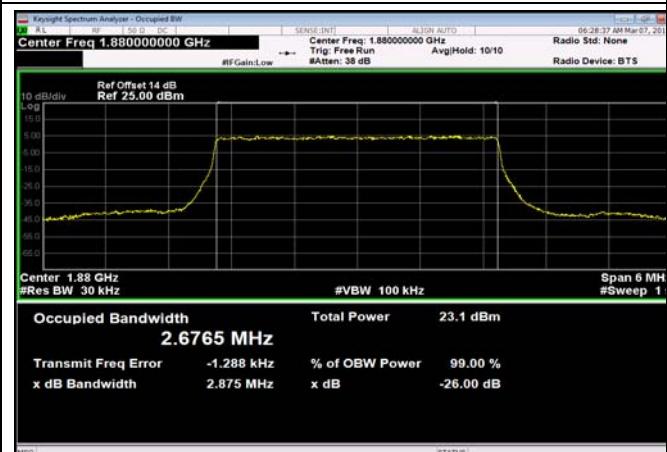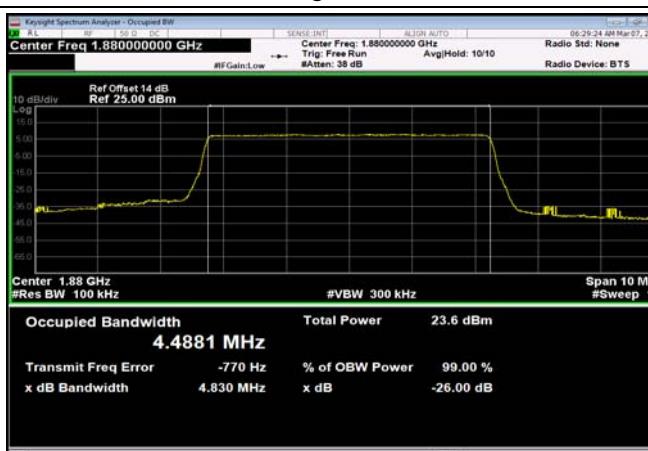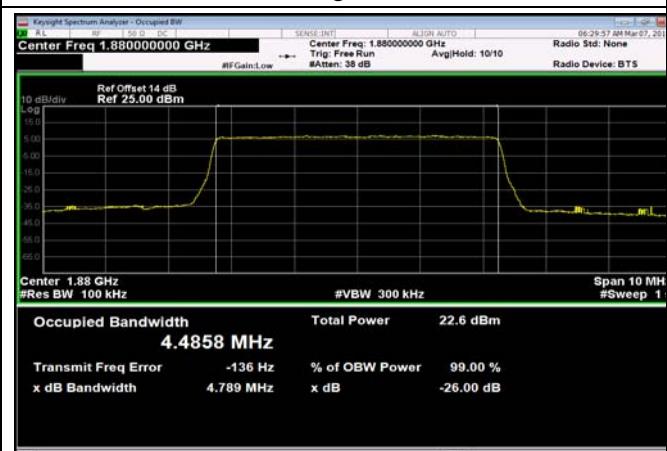
FDD05	MidRange	3	836.5	QPSK	2.678
FDD05	MidRange	3	836.5	Q16	2.676
FDD05	MidRange	5	836.5	QPSK	4.489
FDD05	MidRange	5	836.5	Q16	4.486
FDD05	MidRange	10	836.5	QPSK	8.924
FDD05	MidRange	10	836.5	Q16	8.915
FDD07	MidRange	5	2535	QPSK	4.48
FDD07	MidRange	5	2535	Q16	4.485
FDD07	MidRange	10	2535	QPSK	8.921
FDD07	MidRange	10	2535	Q16	8.913
FDD07	MidRange	15	2535	QPSK	13.434
FDD07	MidRange	15	2535	Q16	13.436
FDD07	MidRange	20	2535	QPSK	17.869
FDD07	MidRange	20	2535	Q16	17.867
FDD12	MidRange	1.4	707.5	QPSK	1.084
FDD12	MidRange	1.4	707.5	Q16	1.084
FDD12	MidRange	3	707.5	QPSK	2.677
FDD12	MidRange	3	707.5	Q16	2.676
FDD12	MidRange	5	707.5	QPSK	4.488
FDD12	MidRange	5	707.5	Q16	4.483
FDD12	MidRange	10	707.5	QPSK	8.919
FDD12	MidRange	10	707.5	Q16	8.911
FDD17	MidRange	5	710	QPSK	4.481
FDD17	MidRange	5	710	Q16	4.486
FDD17	MidRange	10	710	QPSK	8.925
FDD17	MidRange	10	710	Q16	8.916
FDD25	MidRange	1.4	1882.5	QPSK	1.085
FDD25	MidRange	1.4	1882.5	Q16	1.084
FDD25	MidRange	3	1882.5	QPSK	2.678
FDD25	MidRange	3	1882.5	Q16	2.678
FDD25	MidRange	5	1882.5	QPSK	4.49
FDD25	MidRange	5	1882.5	Q16	4.486
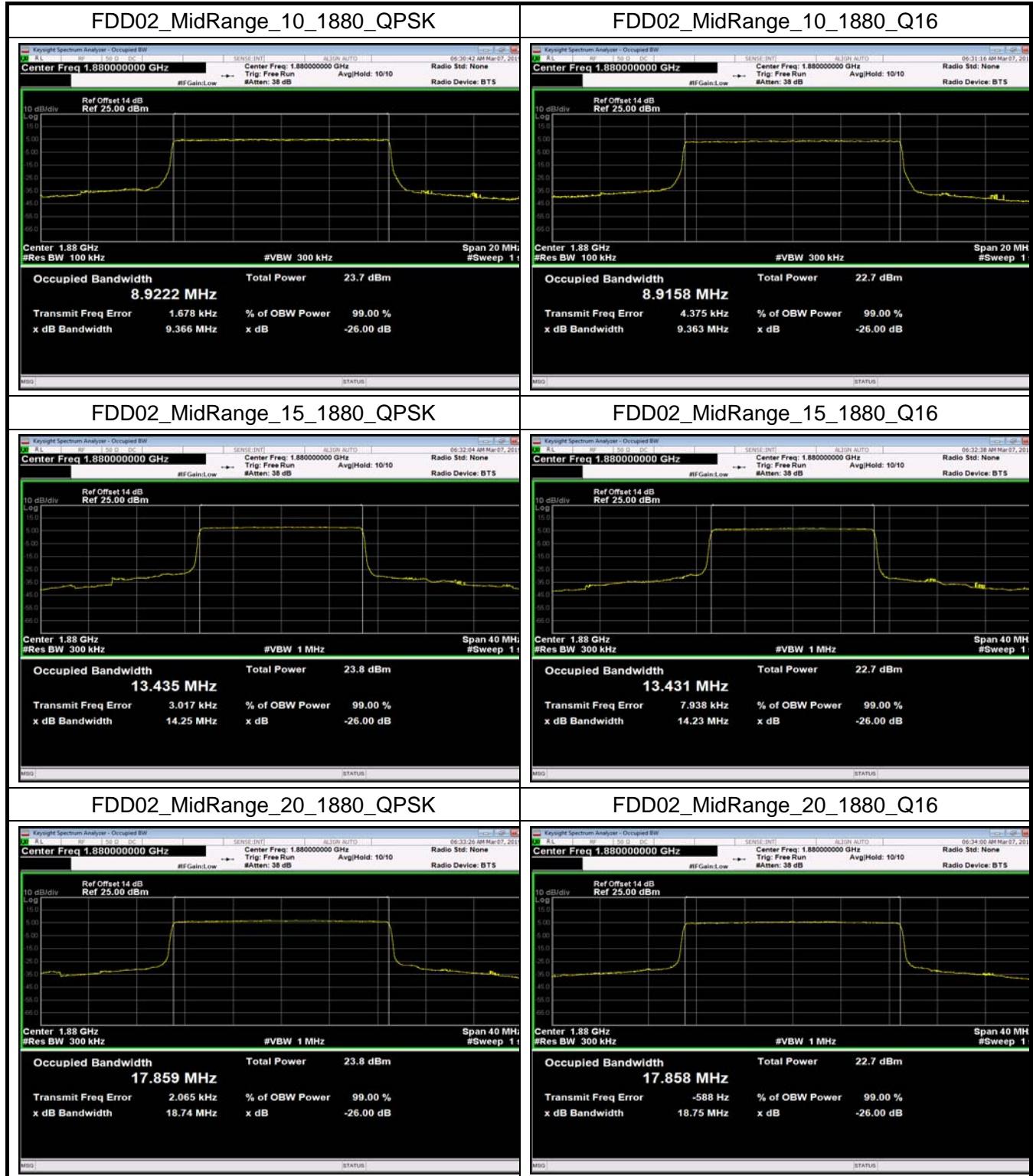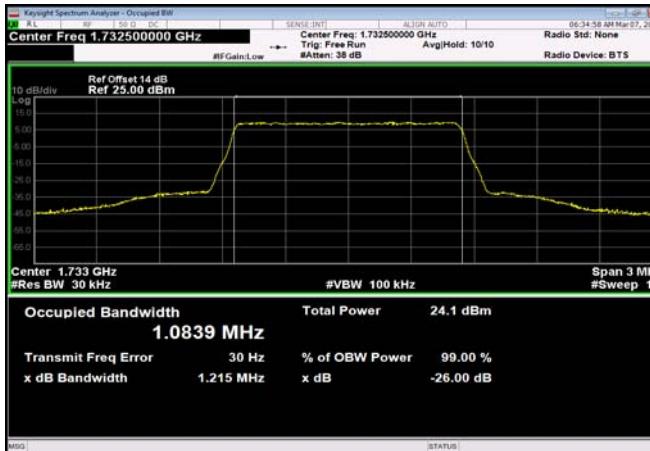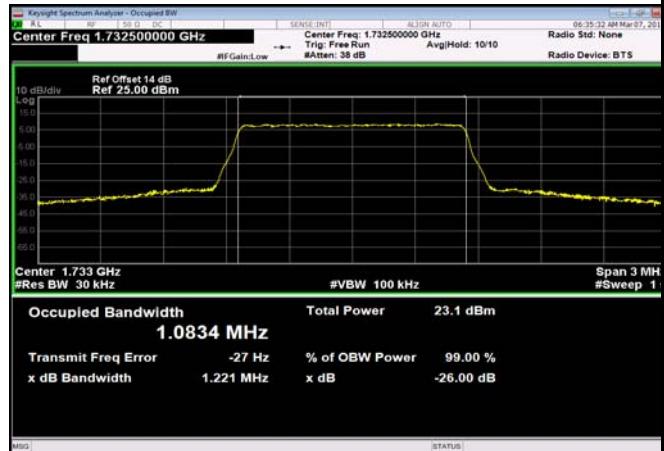
FDD25	MidRange	10	1882.5	QPSK	8.927
FDD25	MidRange	10	1882.5	Q16	8.918
FDD25	MidRange	15	1882.5	QPSK	13.448
FDD25	MidRange	15	1882.5	Q16	13.447
FDD25	MidRange	20	1882.5	QPSK	17.875
FDD25	MidRange	20	1882.5	Q16	17.873
FDD26	MidRange	1.4	831.5	QPSK	1.084
FDD26	MidRange	1.4	831.5	Q16	1.083
FDD26	MidRange	3	831.5	QPSK	2.677
FDD26	MidRange	3	831.5	Q16	2.676
FDD26	MidRange	5	831.5	QPSK	4.489
FDD26	MidRange	5	831.5	Q16	4.488
FDD26	MidRange	10	831.5	QPSK	8.925
FDD26	MidRange	10	831.5	Q16	8.923
FDD26	MidRange	15	831.5	QPSK	13.425
FDD26	MidRange	15	831.5	Q16	13.426
TDD41	MidRange	5	2593	QPSK	4.82
TDD41	MidRange	5	2593	Q16	4.78
TDD41	MidRange	10	2593	QPSK	9.32
TDD41	MidRange	10	2593	Q16	9.34
TDD41	MidRange	15	2593	QPSK	14.22
TDD41	MidRange	15	2593	Q16	14.23
TDD41	MidRange	20	2593	QPSK	18.74
TDD41	MidRange	20	2593	Q16	18.74
FDD66	MidRange	1.4	1745	QPSK	1.09
FDD66	MidRange	1.4	1745	Q16	1.085
FDD66	MidRange	3	1745	QPSK	2.683
FDD66	MidRange	3	1745	Q16	2.679
FDD66	MidRange	5	1745	QPSK	4.488
FDD66	MidRange	5	1745	Q16	4.487
FDD66	MidRange	10	1745	QPSK	8.927
FDD66	MidRange	10	1745	Q16	8.919
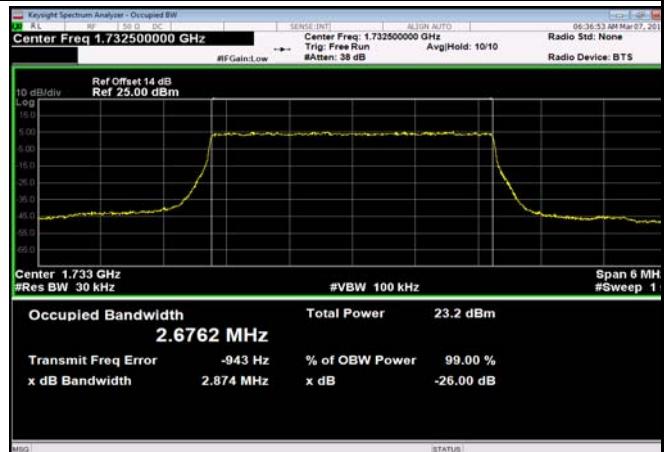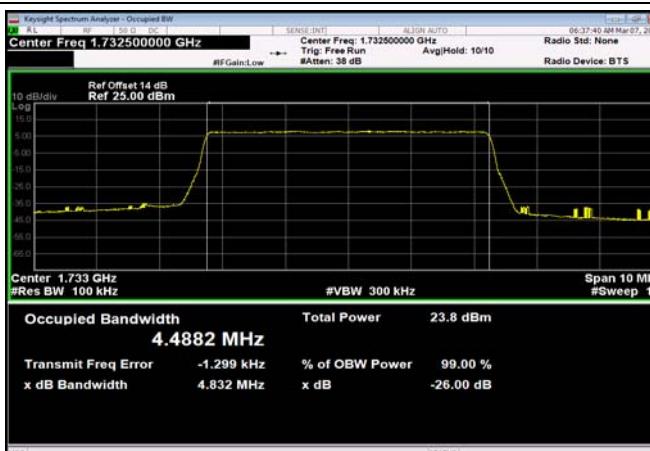
FDD66	MidRange	15	1745	QPSK	13.45
FDD66	MidRange	15	1745	Q16	13.45
FDD66	MidRange	20	1745	QPSK	17.886
FDD66	MidRange	20	1745	Q16	17.88
FDD30	MidRange	5	2310	QPSK	4.488
FDD30	MidRange	5	2310	Q16	4.484
FDD30	MidRange	10	2310	QPSK	8.921
FDD30	MidRange	10	2310	Q16	8.91

FDD02_MidRange_1.4_1880_QPSK	FDD02_MidRange_1.4_1880_Q16
Occupied Bandwidth 1.0847 MHz / Total Power 24.1 dBm / Transmit Freq Error -728 Hz / % of OBW Power 99.00 % / x dB Bandwidth 1.211 MHz / x dB -26.00 dB	Occupied Bandwidth 1.0846 MHz / Total Power 23.1 dBm / Transmit Freq Error -593 Hz / % of OBW Power 99.00 % / x dB Bandwidth 1.207 MHz / x dB -26.00 dB
FDD02_MidRange_3_1880_QPSK	FDD02_MidRange_3_1880_Q16
Occupied Bandwidth 2.6771 MHz / Total Power 24.0 dBm / Transmit Freq Error 375 Hz / % of OBW Power 99.00 % / x dB Bandwidth 2.882 MHz / x dB -26.00 dB	Occupied Bandwidth 2.6765 MHz / Total Power 23.1 dBm / Transmit Freq Error -1.288 kHz / % of OBW Power 99.00 % / x dB Bandwidth 2.875 MHz / x dB -26.00 dB
FDD02_MidRange_5_1880_QPSK	FDD02_MidRange_5_1880_Q16
Occupied Bandwidth 4.4881 MHz / Total Power 23.6 dBm / Transmit Freq Error -770 Hz / % of OBW Power 99.00 % / x dB Bandwidth 4.830 MHz / x dB -26.00 dB	Occupied Bandwidth 4.4858 MHz / Total Power 22.6 dBm / Transmit Freq Error -136 Hz / % of OBW Power 99.00 % / x dB Bandwidth 4.789 MHz / x dB -26.00 dB

FDD02_MidRange_10_1880_QPSK	FDD02_MidRange_10_1880_Q16
Occupied Bandwidth — Total Power 23.7 dBm **8.9222 MHz** Transmit Freq Error 1.678 kHz — % of OBW Power 99.00 % x dB Bandwidth 9.366 MHz — x dB −26.00 dB	**Occupied Bandwidth** — Total Power 22.7 dBm **8.9158 MHz** Transmit Freq Error 4.375 kHz — % of OBW Power 99.00 % x dB Bandwidth 9.363 MHz — x dB −26.00 dB
FDD02_MidRange_15_1880_QPSK	FDD02_MidRange_15_1880_Q16
Occupied Bandwidth — Total Power 23.8 dBm **13.435 MHz** Transmit Freq Error 3.017 kHz — % of OBW Power 99.00 % x dB Bandwidth 14.25 MHz — x dB −26.00 dB	**Occupied Bandwidth** — Total Power 22.7 dBm **13.431 MHz** Transmit Freq Error 7.938 kHz — % of OBW Power 99.00 % x dB Bandwidth 14.23 MHz — x dB −26.00 dB
FDD02_MidRange_20_1880_QPSK	FDD02_MidRange_20_1880_Q16
Occupied Bandwidth — Total Power 23.8 dBm **17.859 MHz** Transmit Freq Error 2.065 kHz — % of OBW Power 99.00 % x dB Bandwidth 18.74 MHz — x dB −26.00 dB	**Occupied Bandwidth** — Total Power 22.7 dBm **17.858 MHz** Transmit Freq Error −588 Hz — % of OBW Power 99.00 % x dB Bandwidth 18.75 MHz — x dB −26.00 dB

FDD04_MidRange_1.4_1732.5_QPSK	FDD04_MidRange_1.4_1732.5_Q16

FDD04_MidRange_3_1732.5_QPSK	FDD04_MidRange_3_1732.5_Q16

FDD04_MidRange_5_1732.5_QPSK	FDD04_MidRange_5_1732.5_Q16

FDD04_MidRange_10_1732.5_QPSK	FDD04_MidRange_10_1732.5_Q16
FDD04_MidRange_15_1732.5_QPSK	FDD04_MidRange_15_1732.5_Q16
FDD04_MidRange_20_1732.5_QPSK	FDD04_MidRange_20_1732.5_Q16

FDD05_MidRange_1.4_836.5_QPSK	FDD05_MidRange_1.4_836.5_Q16
FDD05_MidRange_3_836.5_QPSK	FDD05_MidRange_3_836.5_Q16
FDD05_MidRange_5_836.5_QPSK	FDD05_MidRange_5_836.5_Q16

FDD05_MidRange_10_836.5_QPSK	FDD05_MidRange_10_836.5_Q16
FDD07_MidRange_5_2535_QPSK	FDD07_MidRange_5_2535_Q16
FDD07_MidRange_10_2535_QPSK	FDD07_MidRange_10_2535_Q16

FDD07_MidRange_15_2535_QPSK	FDD07_MidRange_15_2535_Q16
FDD07_MidRange_20_2535_QPSK	FDD07_MidRange_20_2535_Q16
FDD12_MidRange_1.4_707.5_QPSK	FDD12_MidRange_1.4_707.5_Q16