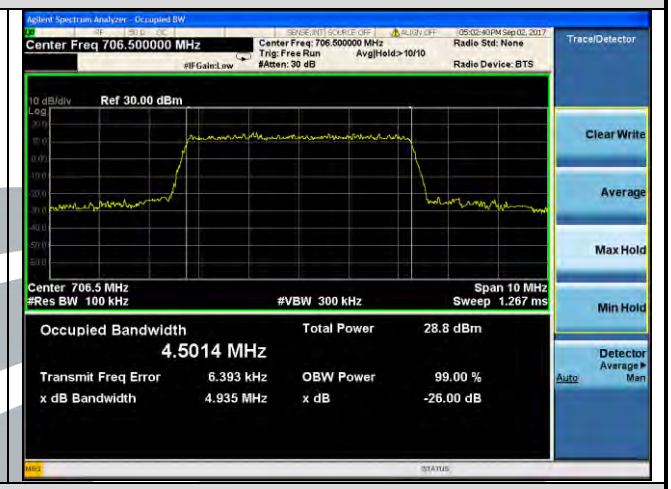
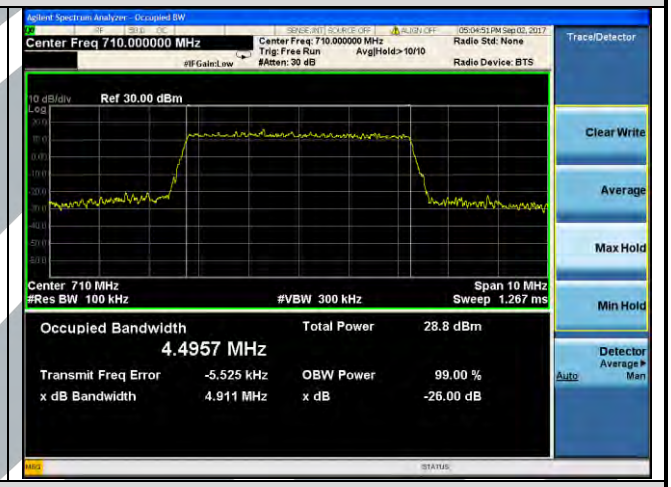
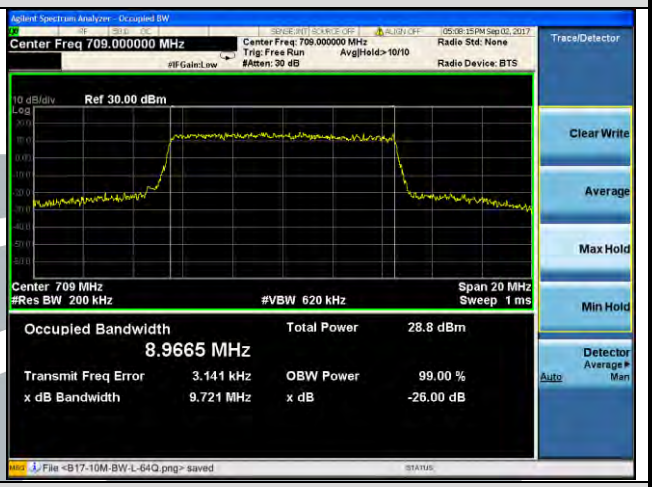
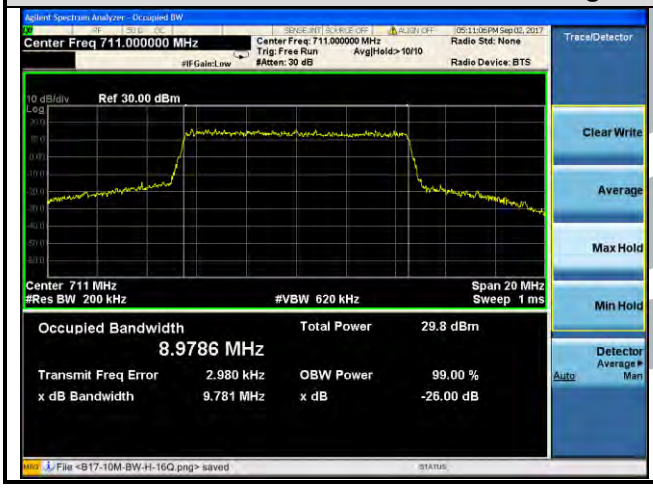
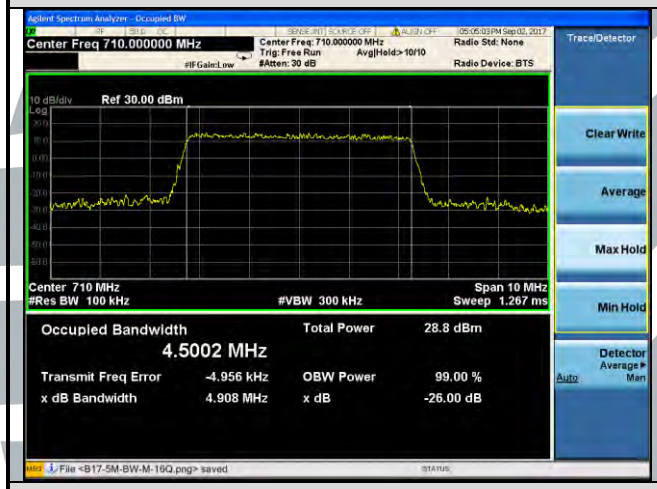
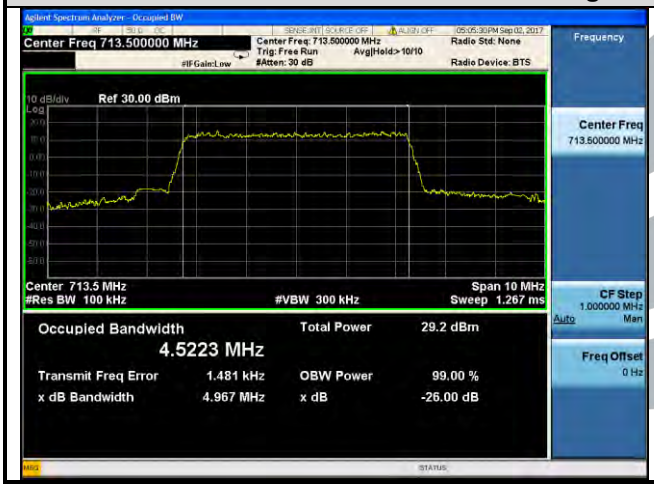
LTE Band 17_ Channel Bandwidth: 5 MHz	
QPSK	16QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel	

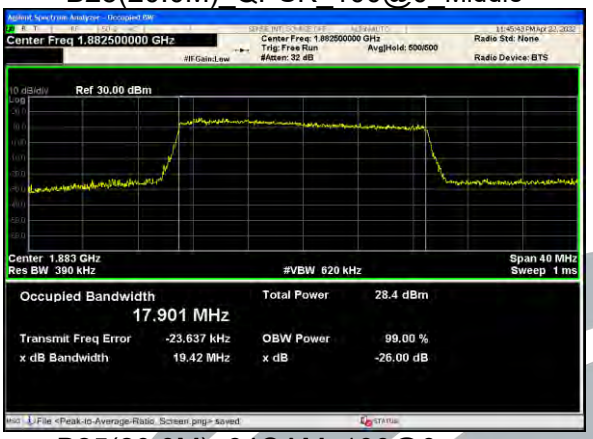
LTE Band 17_ Channel Bandwidth: 10 MHz	
QPSK	16QAM
Lowest Channel	
	
Middle Channel	
Highest Channel	
	

LTE Band 17 / 5MHz / 64QAM	LTE Band 17 / 10MHz / 64QAM
Lowest Channel	
Middle Channel	
	
Highest Channel	
	

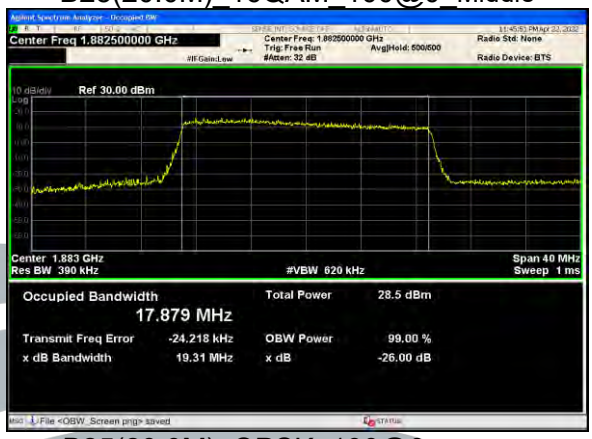
5.5.8 LTE Band 25

Bandwidth (MHz)	Freq. (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
1.4	1882.5	QPSK	6@0	1.09	1.27
1.4	1882.5	16QAM	6@0	1.09	1.27
1.4	1882.5	64QAM	6@0	1.09	1.27
1.4	1914.3	QPSK	6@0	1.09	1.28
1.4	1914.3	16QAM	6@0	1.09	1.28
1.4	1914.3	64QAM	6@0	1.09	1.29
1.4	1850.7	QPSK	6@0	1.10	1.28
1.4	1850.7	16QAM	6@0	1.09	1.28
1.4	1850.7	64QAM	6@0	1.09	1.29
3	1882.5	QPSK	15@0	2.69	2.92
3	1882.5	16QAM	15@0	2.69	2.93
3	1882.5	64QAM	15@0	2.69	2.93
3	1913.5	QPSK	15@0	2.69	2.90
3	1913.5	16QAM	15@0	2.69	2.93
3	1913.5	64QAM	15@0	2.69	2.91
3	1851.5	QPSK	15@0	2.70	2.92
3	1851.5	16QAM	15@0	2.69	2.91
3	1851.5	64QAM	15@0	2.70	2.92
5	1882.5	QPSK	25@0	4.51	5.11
5	1882.5	16QAM	25@0	4.51	5.11
5	1882.5	64QAM	25@0	4.52	5.06
5	1912.5	QPSK	25@0	4.54	5.19
5	1912.5	16QAM	25@0	4.53	5.16
5	1912.5	64QAM	25@0	4.54	5.16
5	1852.5	QPSK	25@0	4.52	5.17
5	1852.5	16QAM	25@0	4.52	5.06
5	1852.5	64QAM	25@0	4.51	5.09
10	1882.5	QPSK	50@0	9.00	9.98
10	1882.5	16QAM	50@0	9.00	10.00
10	1882.5	64QAM	50@0	8.98	10.05
10	1910	QPSK	50@0	9.00	10.13
10	1910	16QAM	50@0	9.03	10.00
10	1910	64QAM	50@0	9.02	10.06
10	1855	QPSK	50@0	8.99	9.96
10	1855	16QAM	50@0	9.01	10.06
10	1855	64QAM	50@0	9.02	10.24
15	1882.5	QPSK	75@0	13.46	14.67
15	1882.5	16QAM	75@0	13.45	14.81
15	1882.5	64QAM	75@0	13.45	14.85
15	1907.5	QPSK	75@0	13.43	14.86
15	1907.5	16QAM	75@0	13.41	14.65
15	1907.5	64QAM	75@0	13.43	14.80
15	1857.5	QPSK	75@0	13.54	14.76
15	1857.5	16QAM	75@0	13.55	14.92
15	1857.5	64QAM	75@0	13.54	15.01
20	1882.5	QPSK	100@0	17.90	19.42
20	1882.5	16QAM	100@0	17.88	19.31
20	1882.5	64QAM	100@0	17.85	19.28
20	1905	QPSK	100@0	17.84	19.39
20	1905	16QAM	100@0	17.85	19.30
20	1905	64QAM	100@0	17.82	19.31
20	1860	QPSK	100@0	18.09	19.70
20	1860	16QAM	100@0	18.11	19.86
20	1860	64QAM	100@0	18.12	19.70

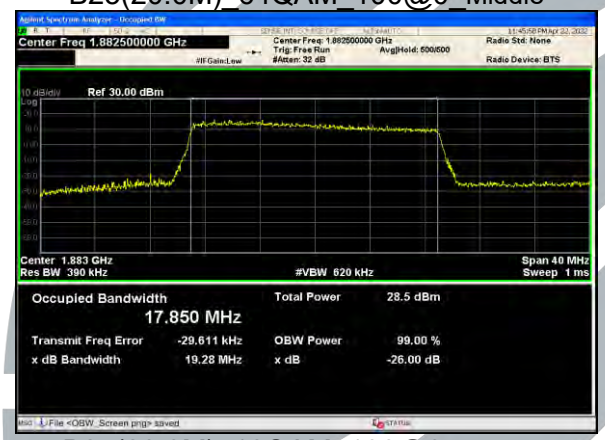
B25(20.0M)_QPSK_100@0_Middle



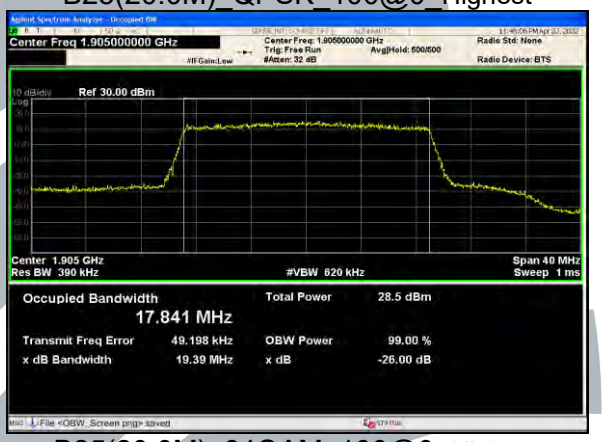
B25(20.0M)_16QAM_100@0_Middle



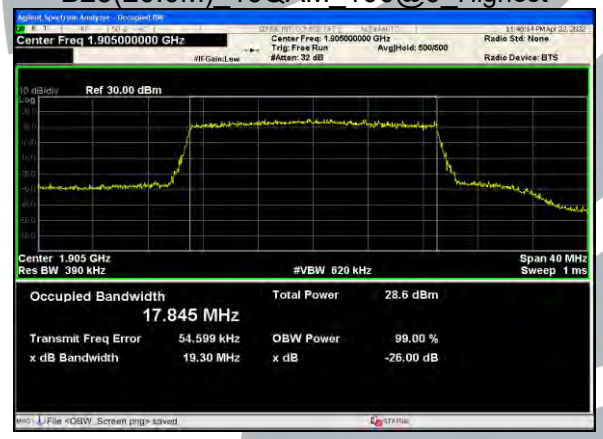
B25(20.0M)_64QAM_100@0_Middle



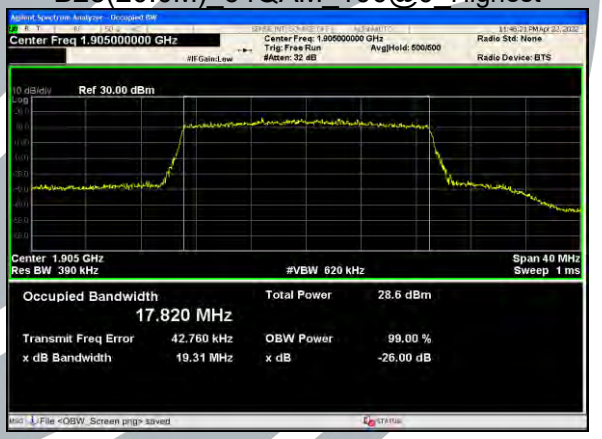
B25(20.0M)_QPSK_100@0_Highest



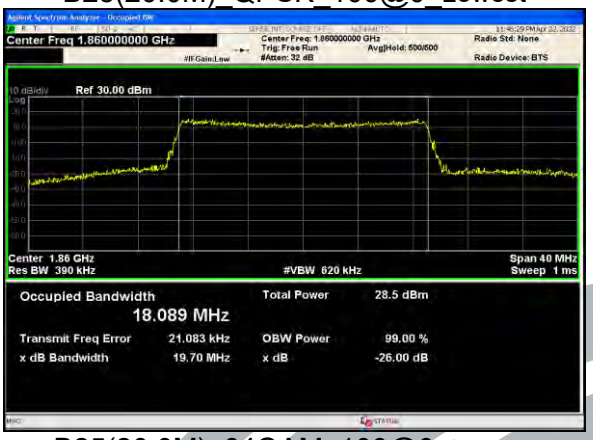
B25(20.0M)_16QAM_100@0_Highest



B25(20.0M)_64QAM_100@0_Highest



B25(20.0M)_QPSK_100@0_Lowest



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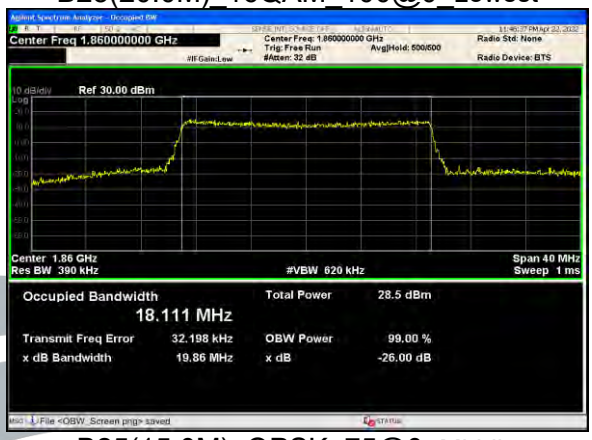
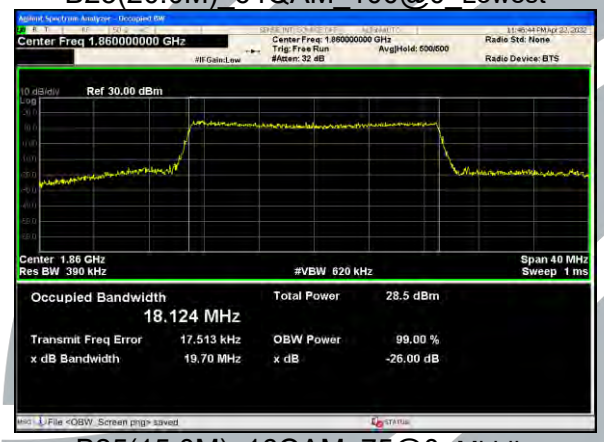
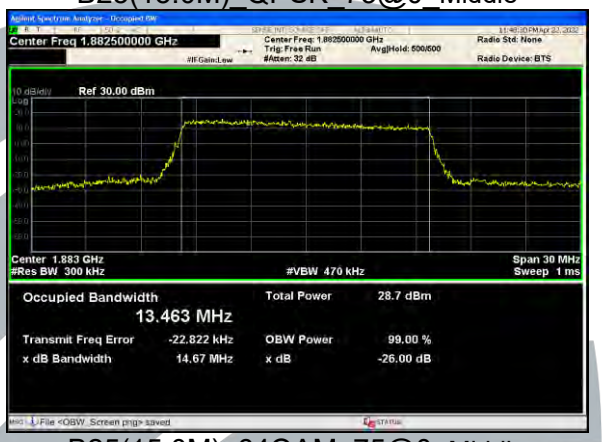


B25(20.0M)_64QAM_100@0_Lowest

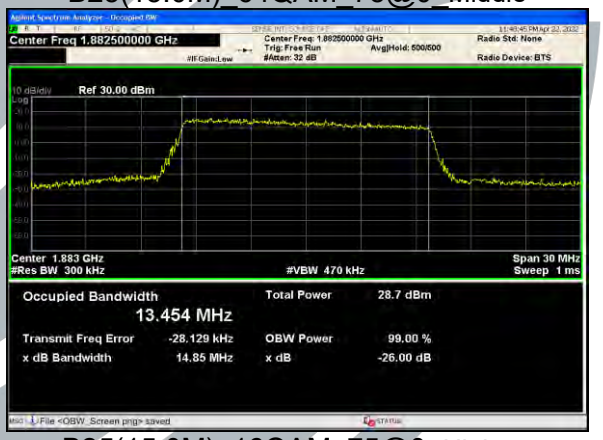


B25(15.0M)_QPSK_75@0_Middle

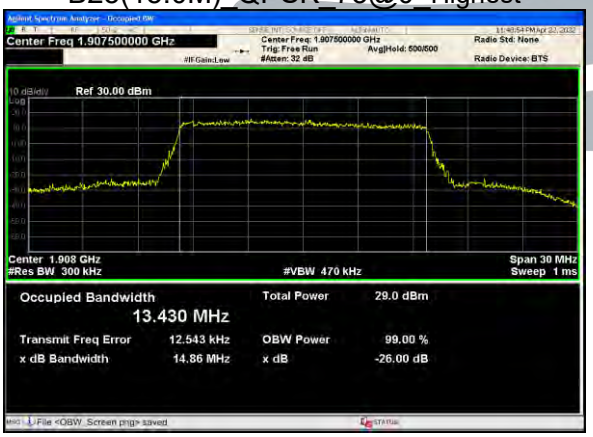


B25(15.0M)_16QAM_75@0_Middle

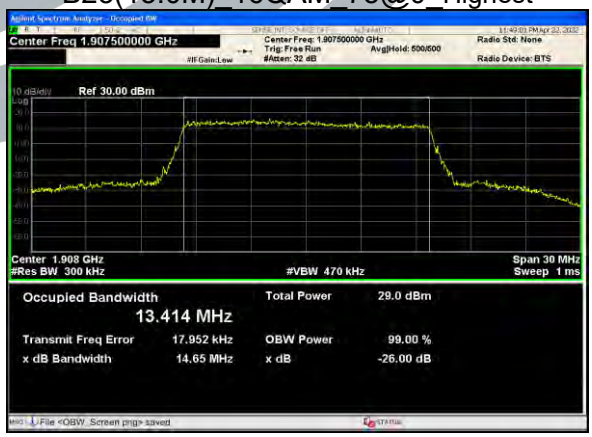
B25(15.0M)_64QAM_75@0_Middle



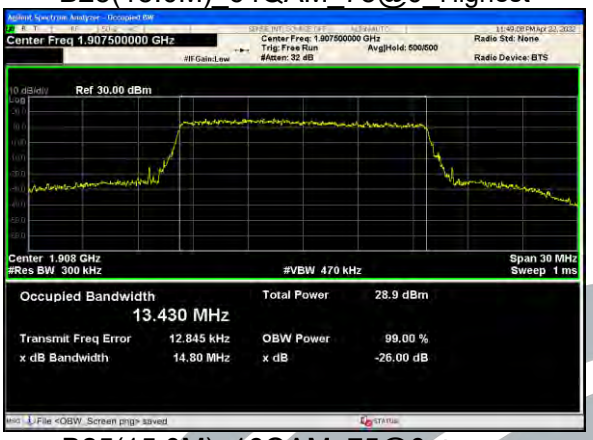
B25(15.0M)_QPSK_75@0_Highest



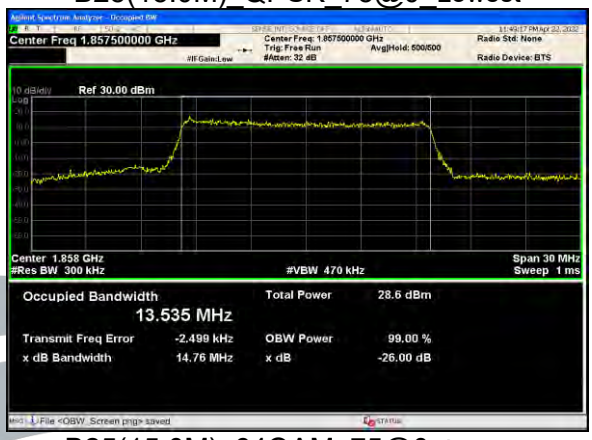
B25(15.0M)_16QAM_75@0_Highest



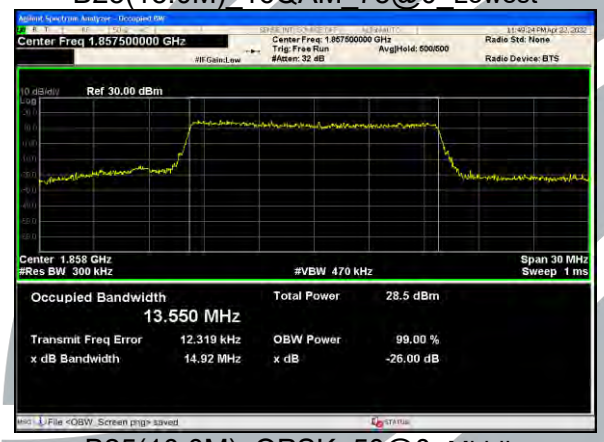
B25(15.0M)_64QAM_75@0_Highest



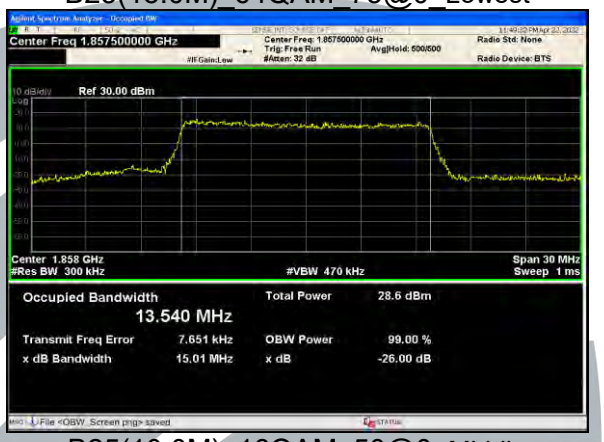
B25(15.0M)_QPSK_75@0_Lowest



B25(15.0M)_16QAM_75@0_Lowest

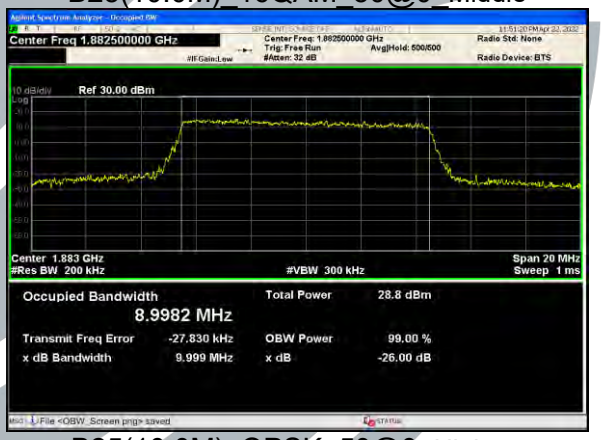


B25(15.0M)_64QAM_75@0_Lowest

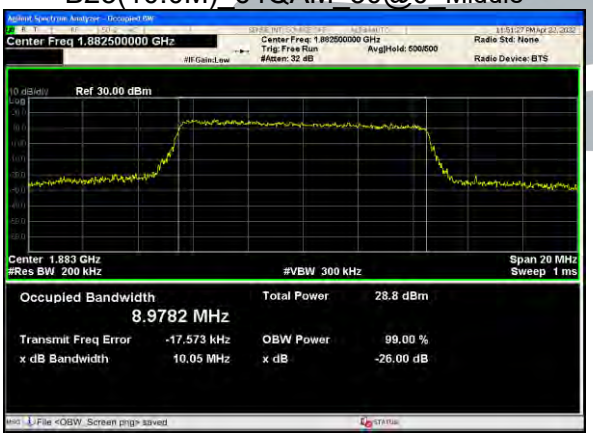


B25(10.0M)_QPSK_50@0_Middle

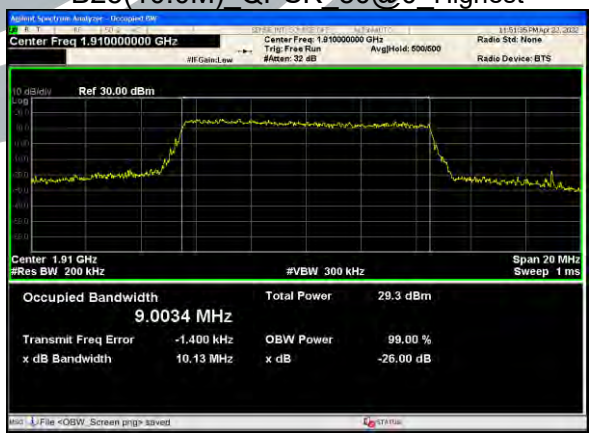
B25(10.0M)_16QAM_50@0_Middle



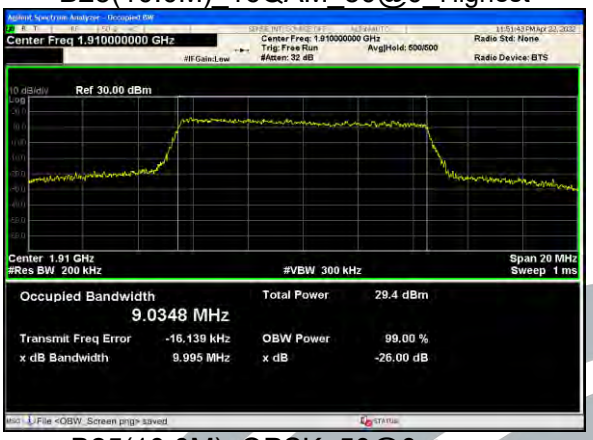
B25(10.0M)_64QAM_50@0_Middle



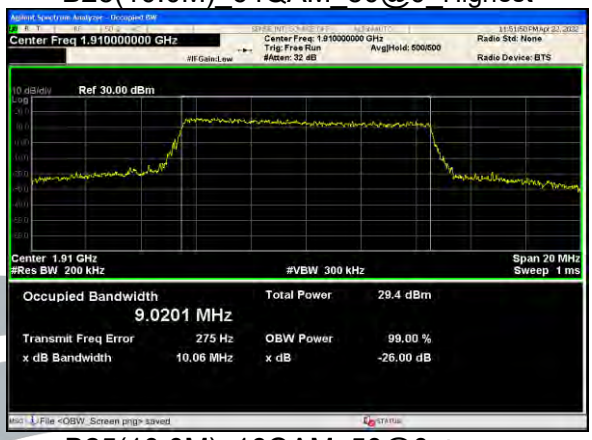
B25(10.0M)_QPSK_50@0_Highest



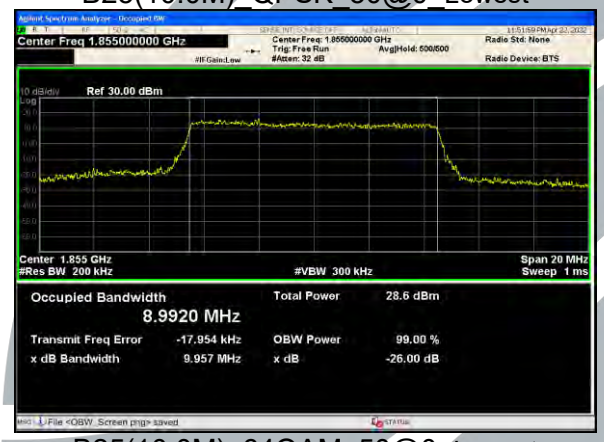
B25(10.0M)_16QAM_50@0_Highest



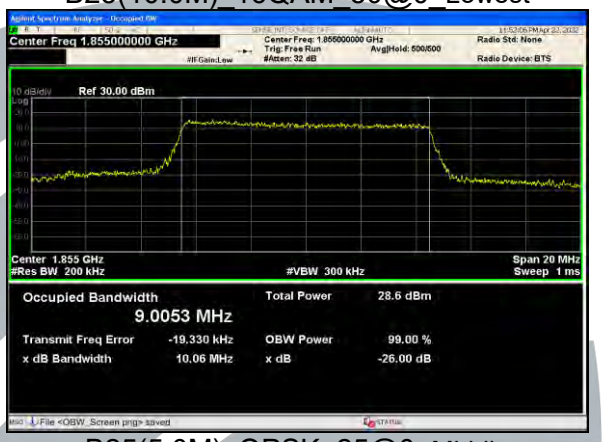
B25(10.0M)_64QAM_50@0_Highest



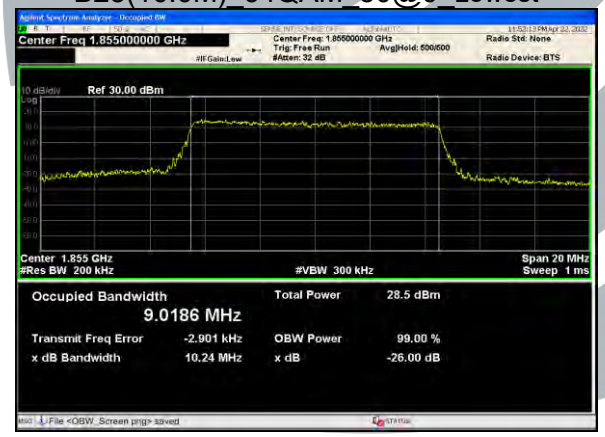
B25(10.0M)_QPSK_50@0_Lowest



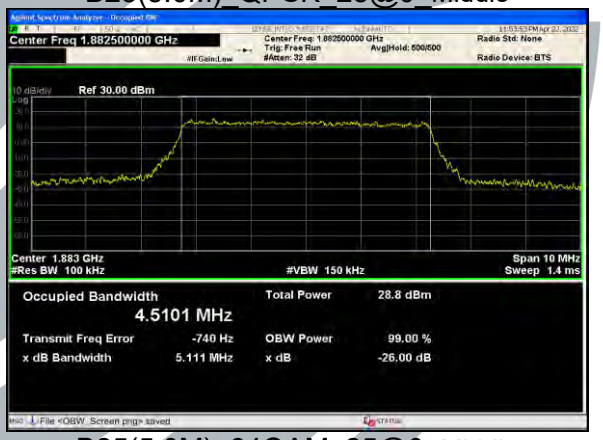
B25(10.0M)_16QAM_50@0_Lowest



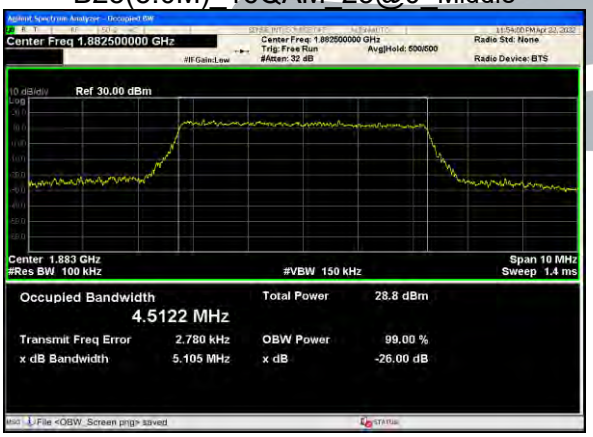
B25(10.0M)_64QAM_50@0_Lowest



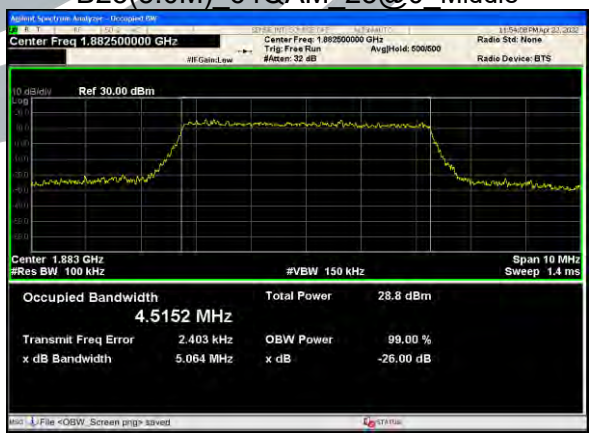
B25(5.0M)_QPSK_25@0_Middle



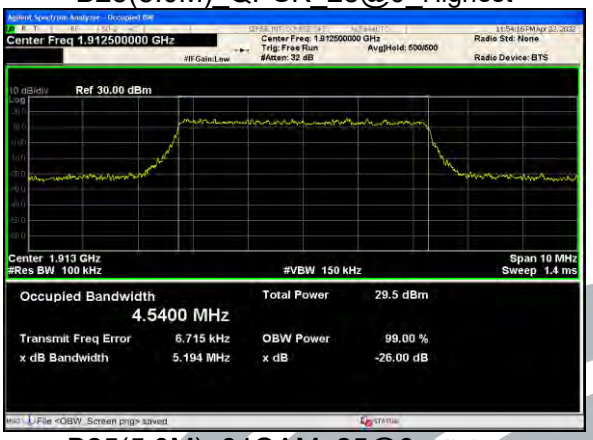
B25(5.0M)_16QAM_25@0_Middle



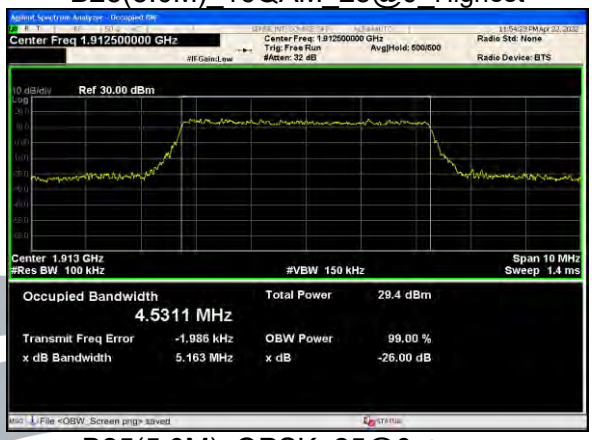
B25(5.0M)_64QAM_25@0_Middle



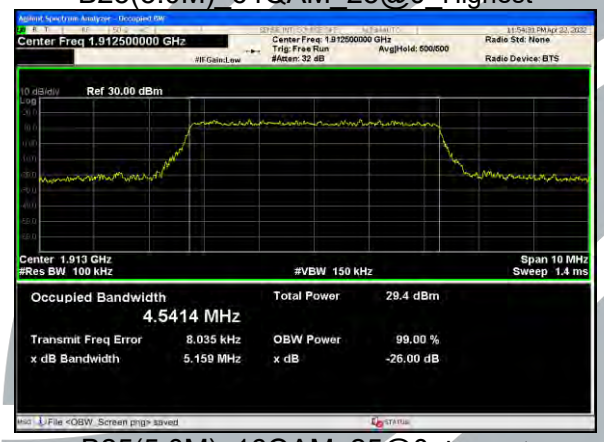
B25(5.0M)_QPSK_25@0_Highest



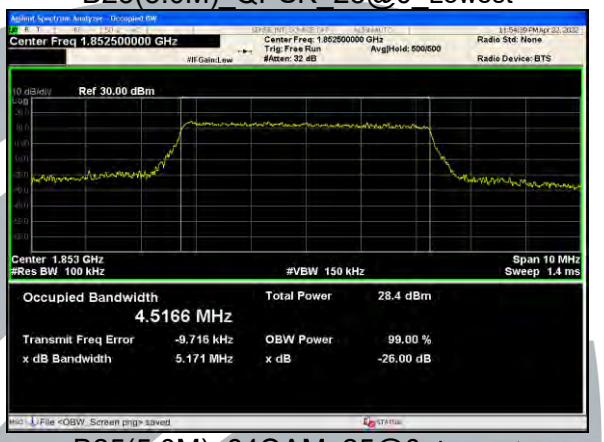
B25(5.0M)_16QAM_25@0_Highest



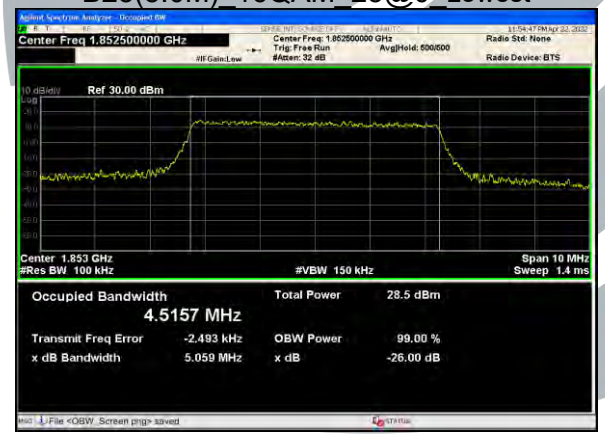
B25(5.0M)_64QAM_25@0_Highest



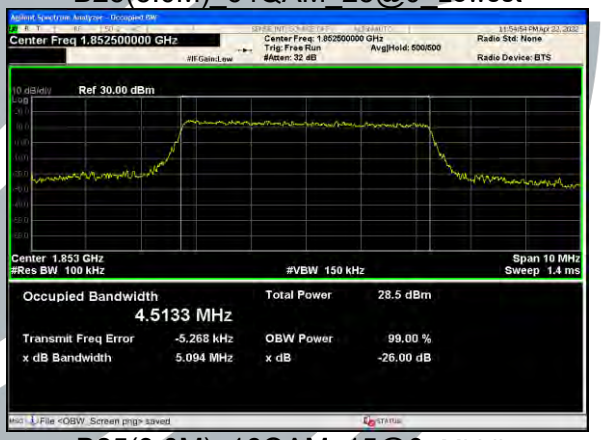
B25(5.0M)_QPSK_25@0_Lowest



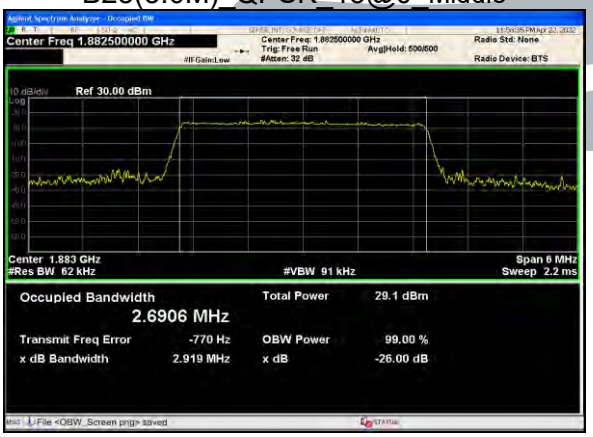
B25(5.0M)_16QAM_25@0_Lowest



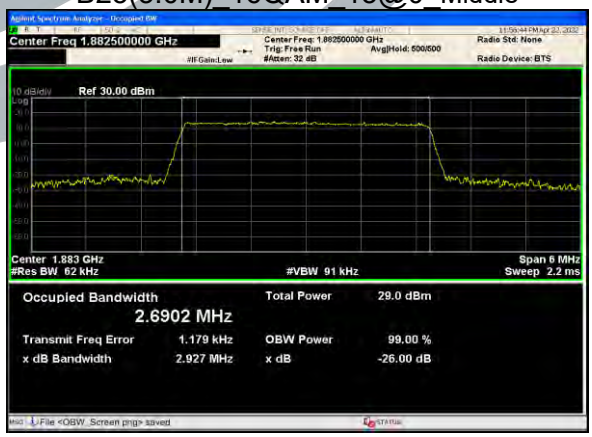
B25(5.0M)_64QAM_25@0_Lowest



B25(3.0M)_QPSK_15@0_Middle

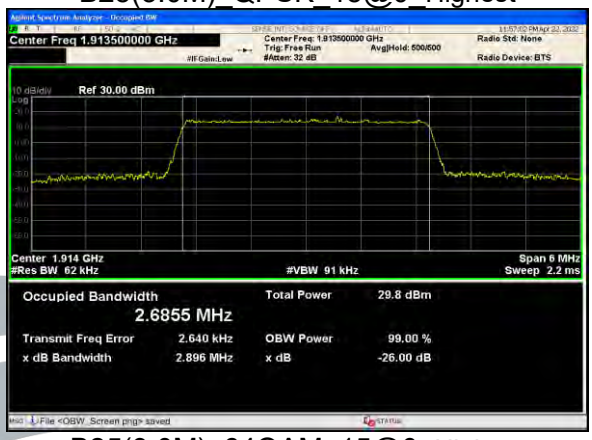


B25(3.0M)_16QAM_15@0_Middle

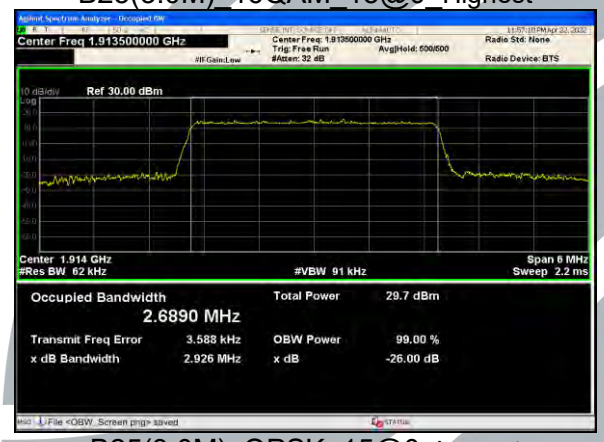


B25(3.0M)_64QAM_15@0_Middle

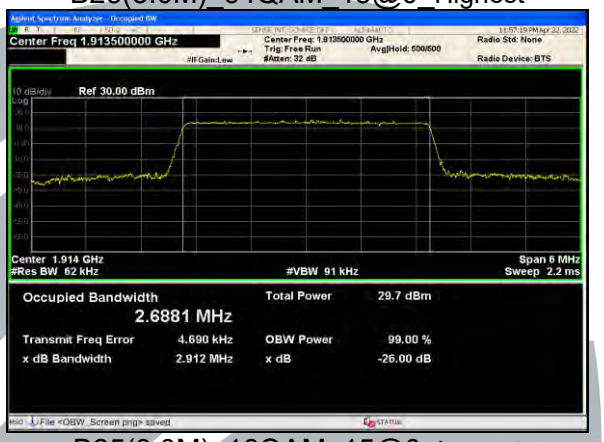
B25(3.0M)_QPSK_15@0_Highest



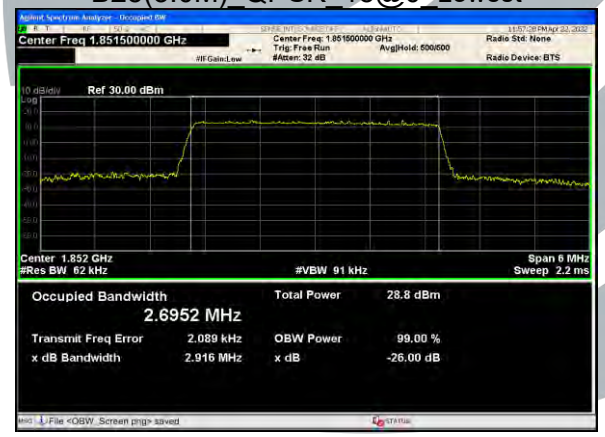
B25(3.0M)_16QAM_15@0_Highest



B25(3.0M)_64QAM_15@0_Highest



B25(3.0M)_QPSK_15@0_Lowest



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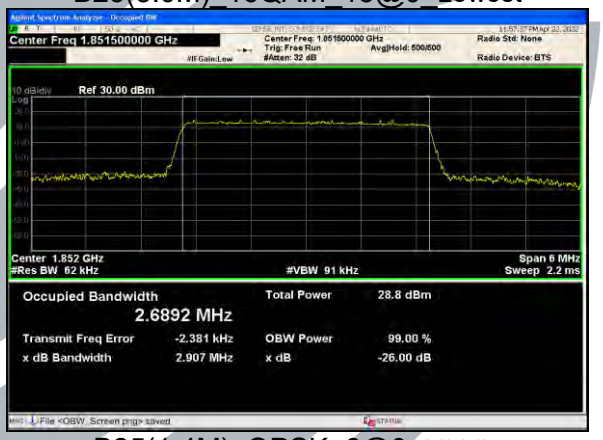
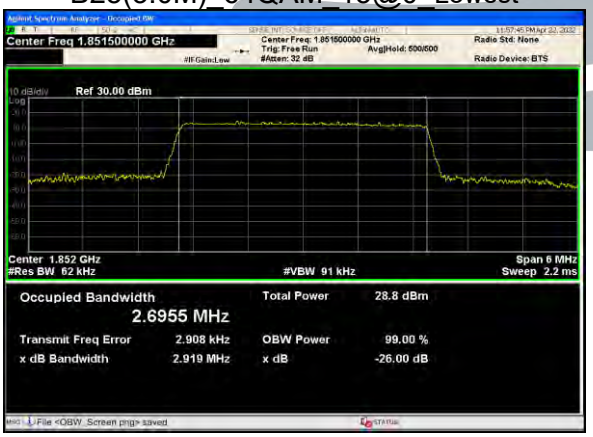
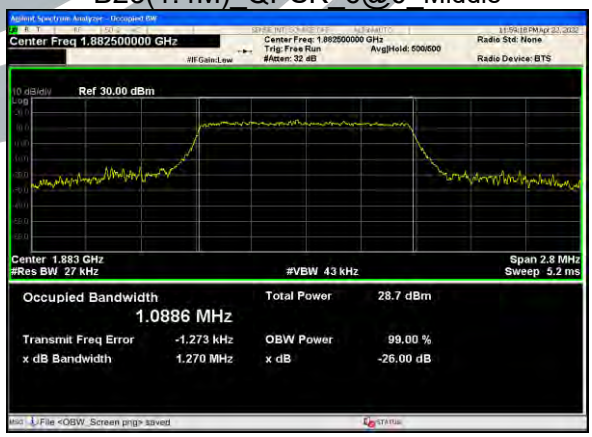


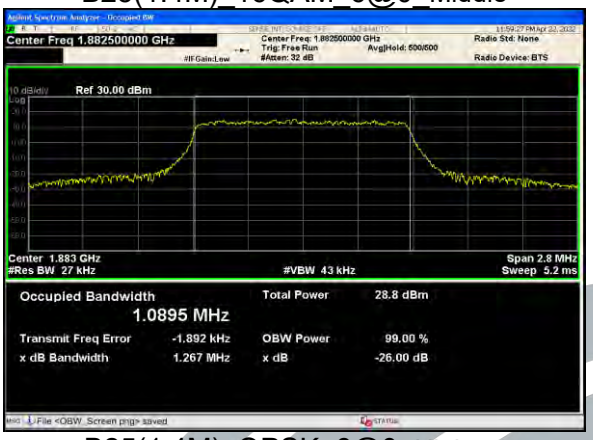
B25(3.0M)_64QAM_15@0_Lowest



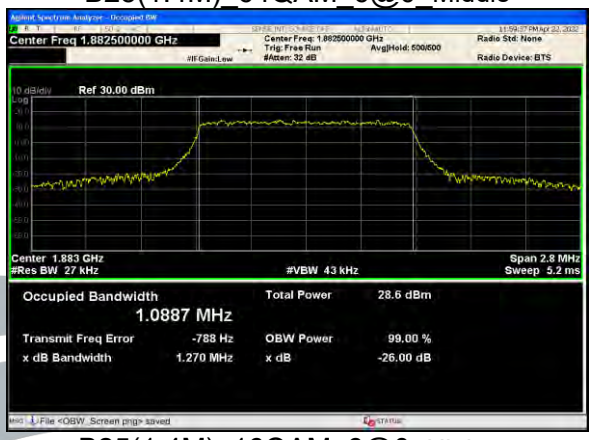
B25(1.4M)_QPSK_6@0_Middle



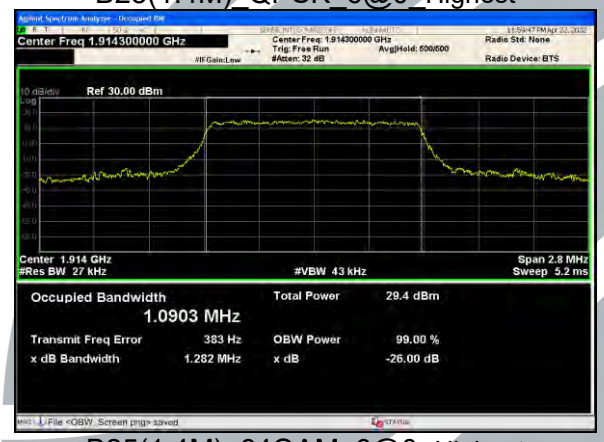
B25(1.4M)_16QAM_6@0_Middle



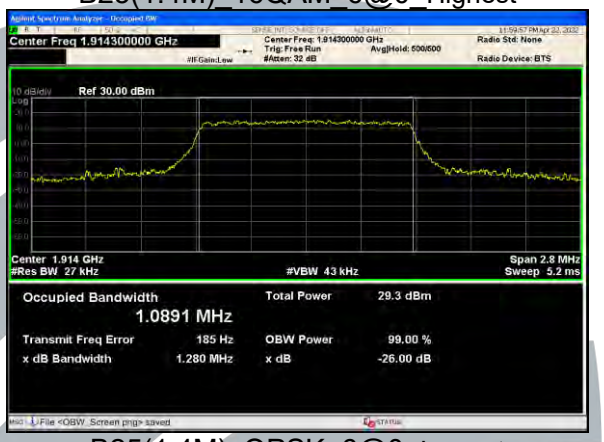
B25(1.4M)_64QAM_6@0_Middle



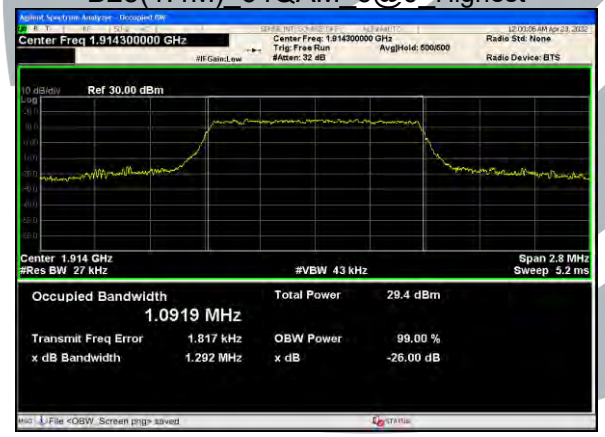
B25(1.4M)_QPSK_6@0_Highest



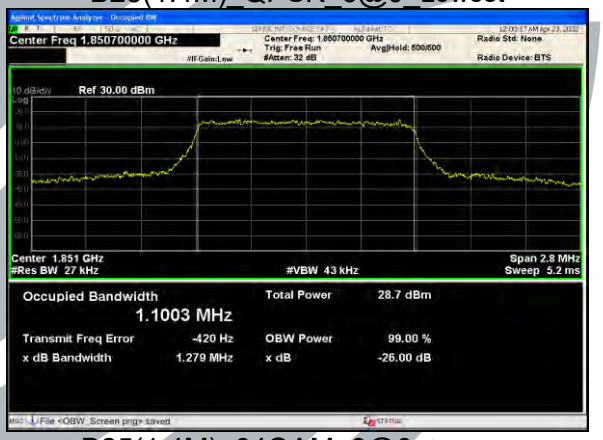
B25(1.4M)_16QAM_6@0_Highest



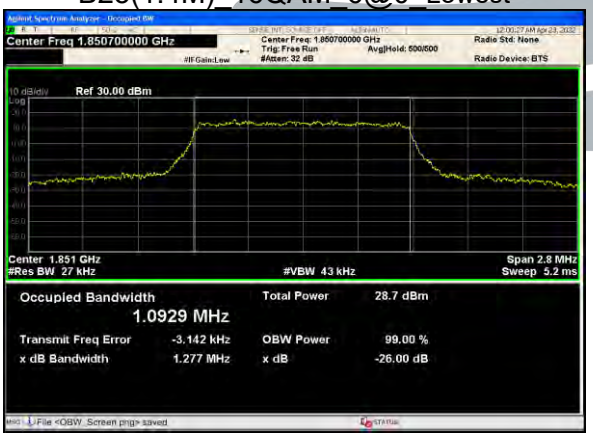
B25(1.4M)_64QAM_6@0_Highest



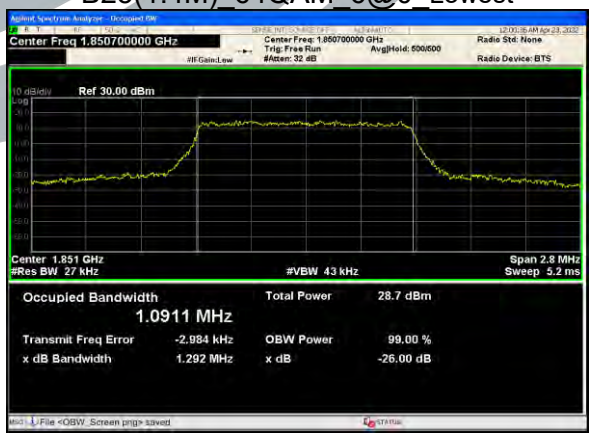
B25(1.4M)_QPSK_6@0_Lowest



B25(1.4M)_16QAM_6@0_Lowest



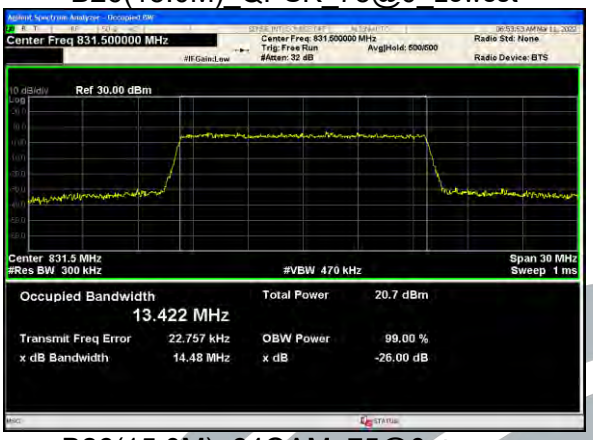
B25(1.4M)_64QAM_6@0_Lowest



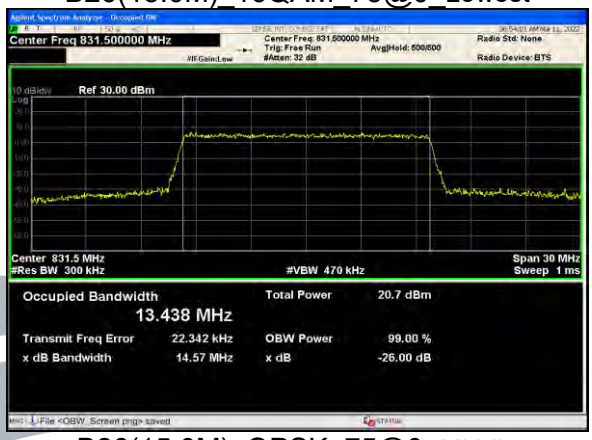
5.5.9 LTE Band 26

Bandwidth (MHz)	Freq. (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
1.4	824.7	QPSK	6@0	1.09	1.27
1.4	824.7	16QAM	6@0	1.09	1.27
1.4	824.7	64QAM	6@0	1.10	1.28
1.4	836.5	QPSK	6@0	1.09	1.28
1.4	836.5	16QAM	6@0	1.09	1.28
1.4	836.5	64QAM	6@0	1.09	1.27
1.4	848.3	QPSK	6@0	1.09	1.29
1.4	848.3	16QAM	6@0	1.09	1.30
1.4	848.3	64QAM	6@0	1.10	1.30
3	825.5	QPSK	15@0	2.68	2.91
3	825.5	16QAM	15@0	2.69	2.89
3	825.5	64QAM	15@0	2.69	2.92
3	836.5	QPSK	15@0	2.70	2.91
3	836.5	16QAM	15@0	2.70	2.92
3	836.5	64QAM	15@0	2.69	2.92
3	847.5	QPSK	15@0	2.69	2.92
3	847.5	16QAM	15@0	2.70	2.91
3	847.5	64QAM	15@0	2.70	2.92
5	826.5	QPSK	25@0	4.50	4.94
5	826.5	16QAM	25@0	4.49	4.89
5	826.5	64QAM	25@0	4.49	4.87
5	836.5	QPSK	25@0	4.50	4.89
5	836.5	16QAM	25@0	4.51	4.89
5	836.5	64QAM	25@0	4.49	4.91
5	846.5	QPSK	25@0	4.49	4.92
5	846.5	16QAM	25@0	4.50	4.89
5	846.5	64QAM	25@0	4.50	4.90
10	829	QPSK	50@0	8.98	9.70
10	829	16QAM	50@0	9.00	9.77
10	829	64QAM	50@0	8.98	9.71
10	836.5	QPSK	50@0	8.97	9.72
10	836.5	16QAM	50@0	8.98	9.74
10	836.5	64QAM	50@0	9.00	9.71
10	844	QPSK	50@0	8.97	9.61
10	844	16QAM	50@0	8.95	9.65
10	844	64QAM	50@0	8.96	9.68
15	831.5	QPSK	75@0	13.42	14.48
15	831.5	16QAM	75@0	13.44	14.57
15	831.5	64QAM	75@0	13.44	14.46
15	836.5	QPSK	75@0	13.47	14.56
15	836.5	16QAM	75@0	13.48	14.56
15	836.5	64QAM	75@0	13.48	14.54
15	841.5	QPSK	75@0	13.47	14.59
15	841.5	16QAM	75@0	13.44	14.51
15	841.5	64QAM	75@0	13.46	14.43

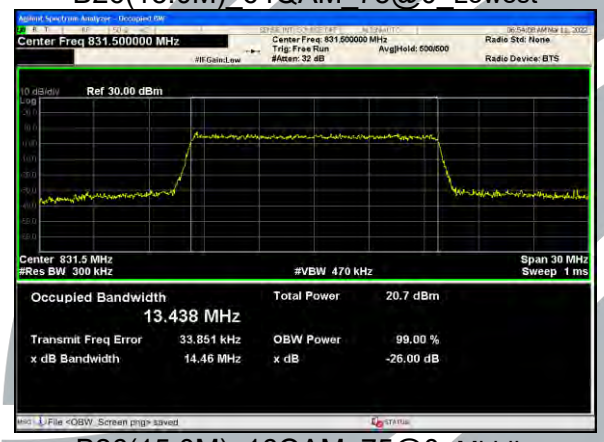
B26(15.0M)_QPSK_75@0_Lowest



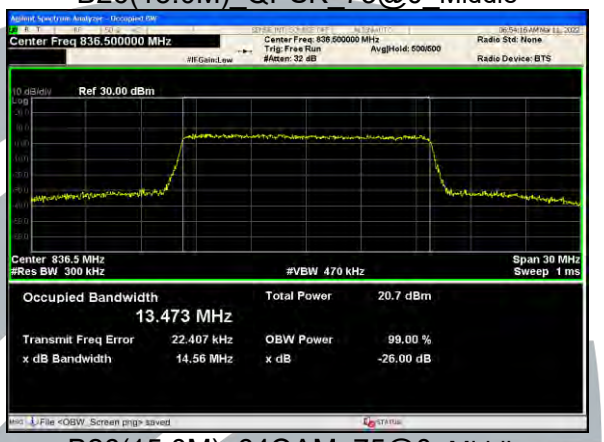
B26(15.0M)_16QAM_75@0_Lowest



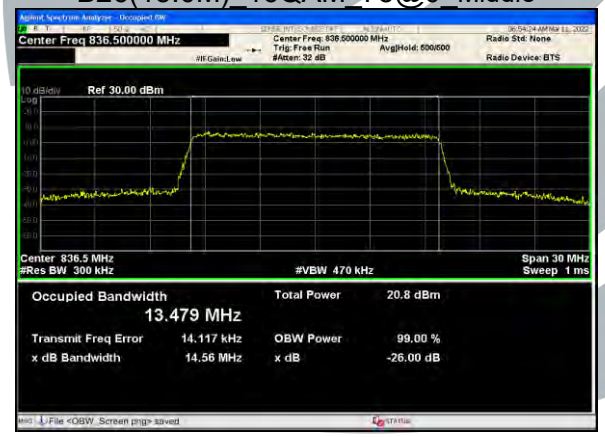
B26(15.0M)_64QAM_75@0_Lowest



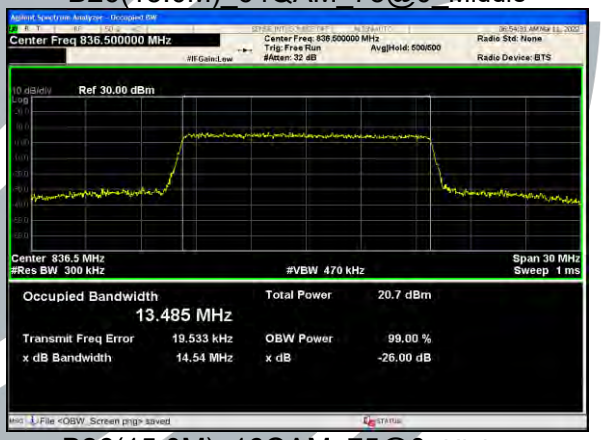
B26(15.0M)_QPSK_75@0_Middle



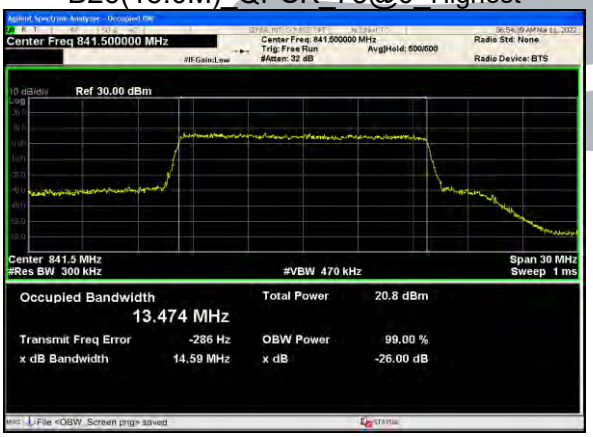
B26(15.0M)_16QAM_75@0_Middle



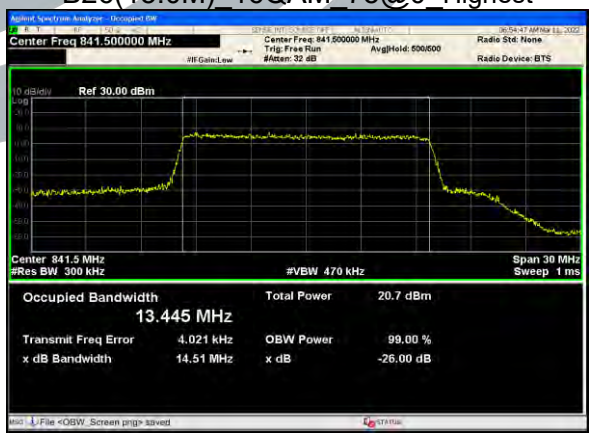
B26(15.0M)_64QAM_75@0_Middle



B26(15.0M)_QPSK_75@0_Highest



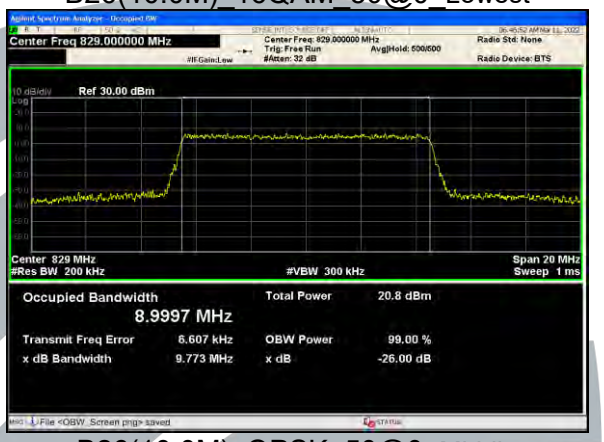
B26(15.0M)_16QAM_75@0_Highest



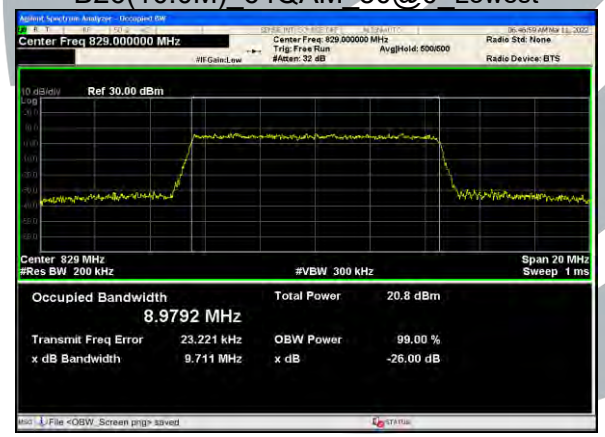
B26(15.0M)_64QAM_75@0_Highest

B26(10.0M)_QPSK_50@0_Lowest

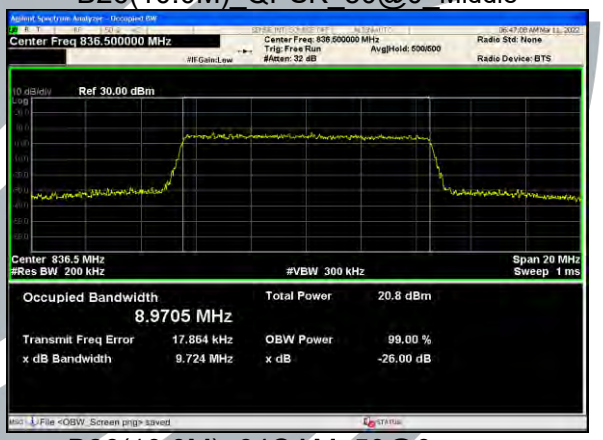
B26(10.0M)_16QAM_50@0_Lowest



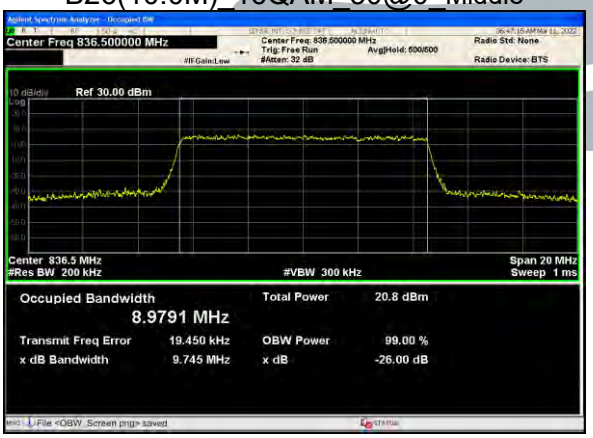
B26(10.0M)_64QAM_50@0_Lowest



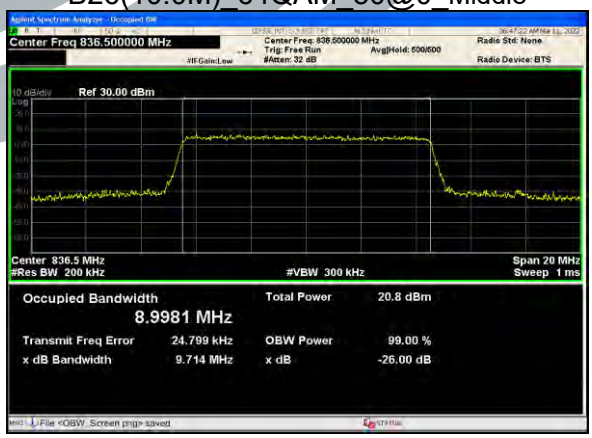
B26(10.0M)_QPSK_50@0_Middle



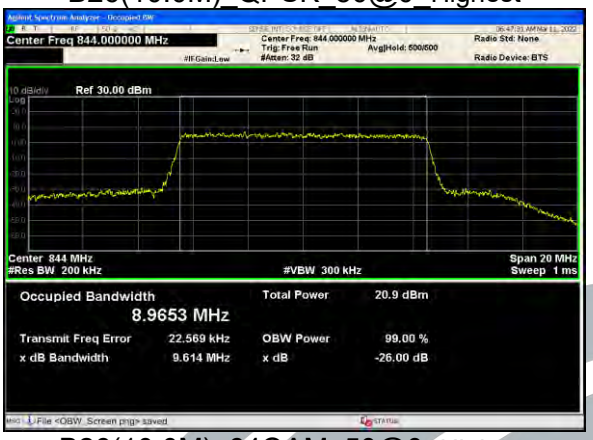
B26(10.0M)_16QAM_50@0_Middle



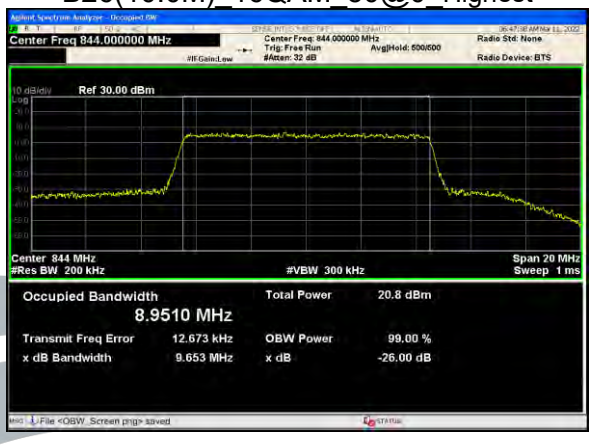
B26(10.0M)_64QAM_50@0_Middle



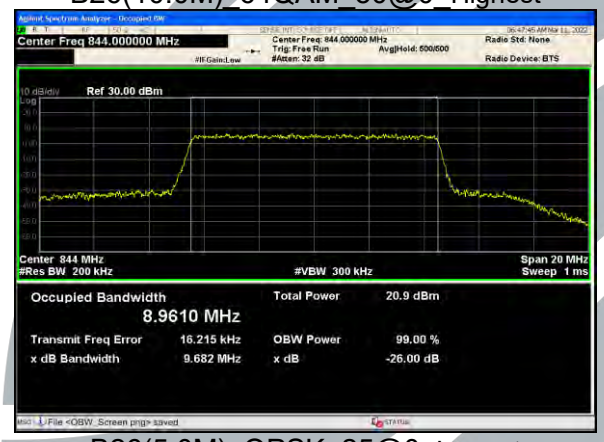
B26(10.0M)_QPSK_50@0_Highest



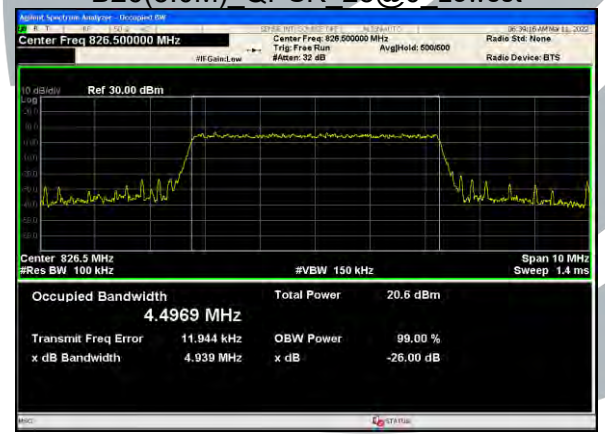
B26(10.0M)_16QAM_50@0_Highest



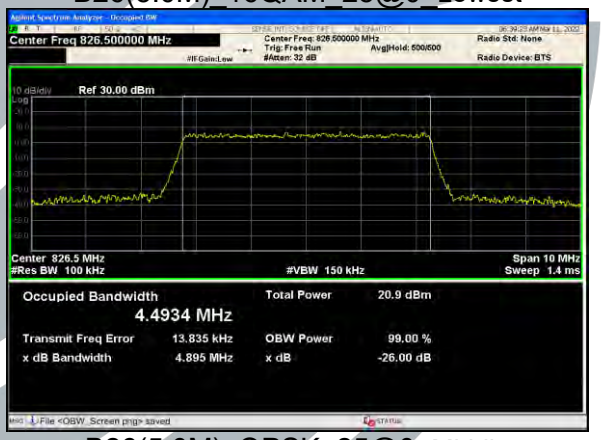
B26(10.0M)_64QAM_50@0_Highest



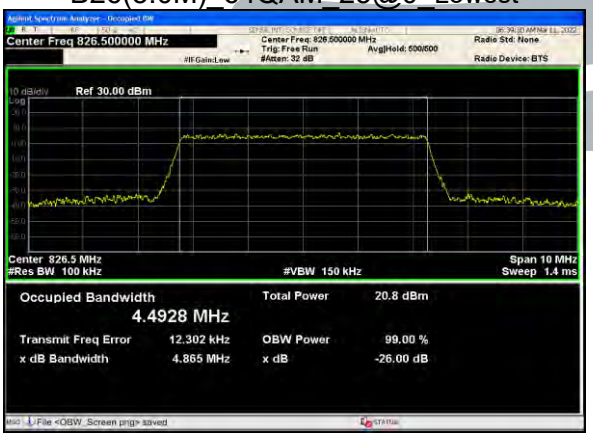
B26(5.0M)_QPSK_25@0_Lowest



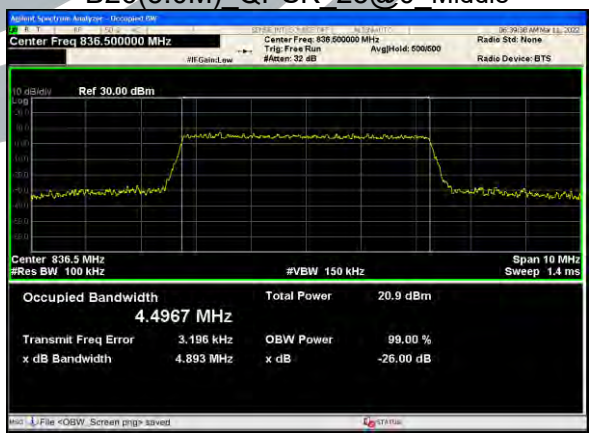
B26(5.0M)_16QAM_25@0_Lowest



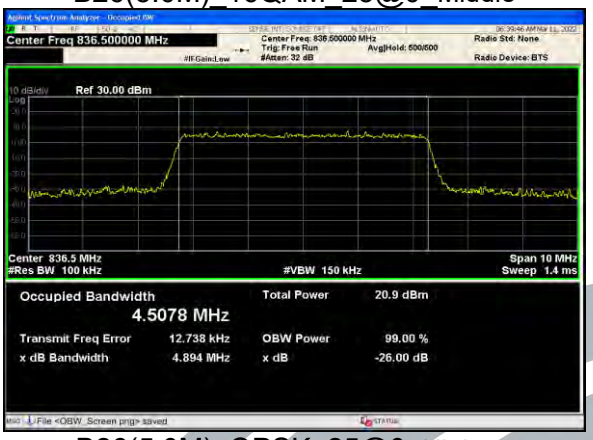
B26(5.0M)_64QAM_25@0_Lowest



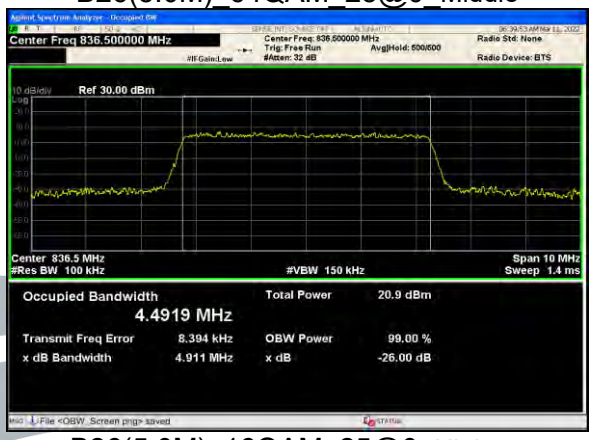
B26(5.0M)_QPSK_25@0_Middle



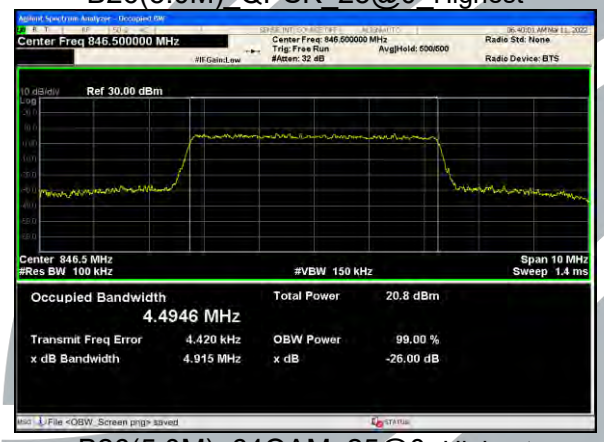
B26(5.0M)_16QAM_25@0_Middle



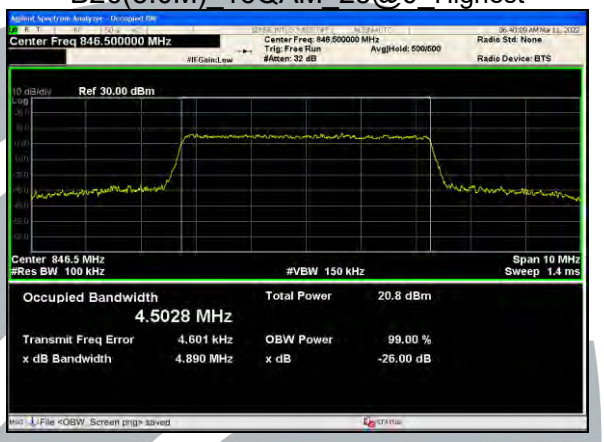
B26(5.0M)_64QAM_25@0_Middle



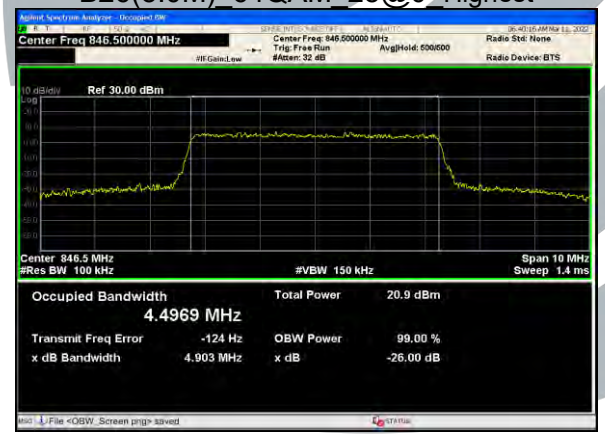
B26(5.0M)_QPSK_25@0_Highest



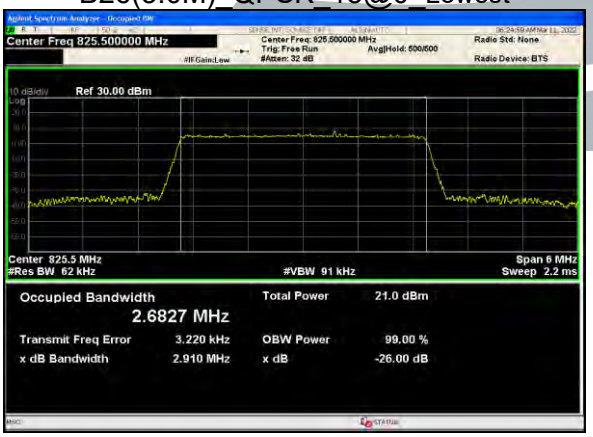
B26(5.0M)_16QAM_25@0_Highest



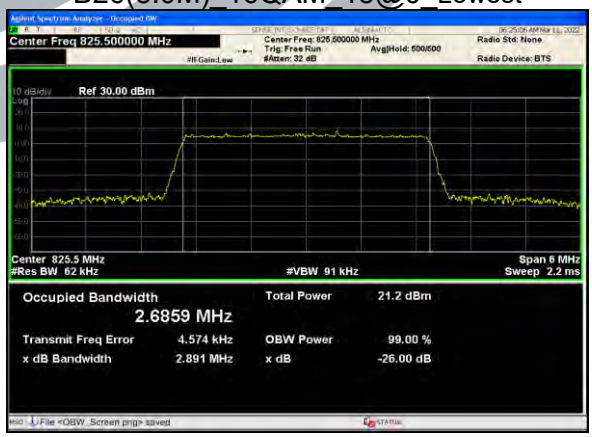
B26(5.0M)_64QAM_25@0_Highest



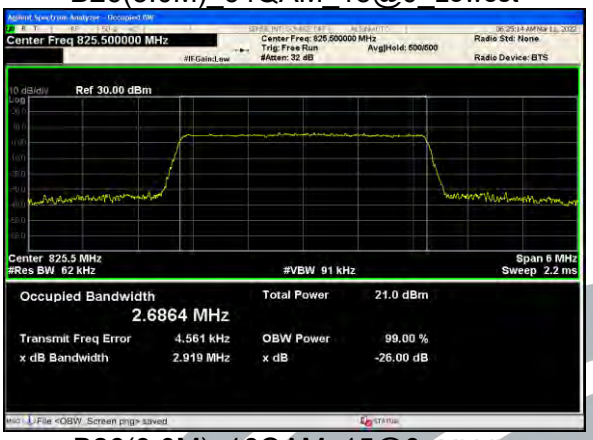
B26(3.0M)_QPSK_15@0_Lowest



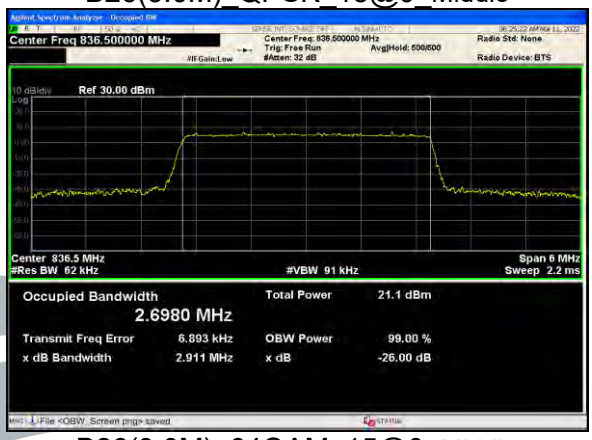
B26(3.0M)_16QAM_15@0_Lowest



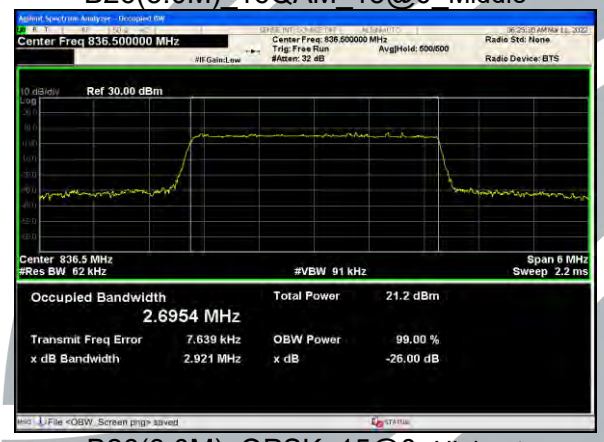
B26(3.0M)_64QAM_15@0_Lowest



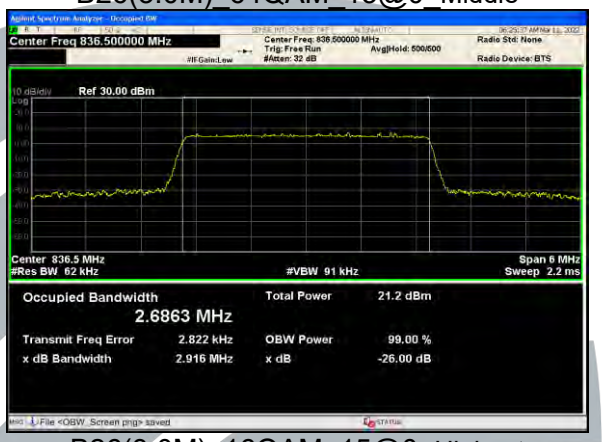
B26(3.0M)_QPSK_15@0_Middle



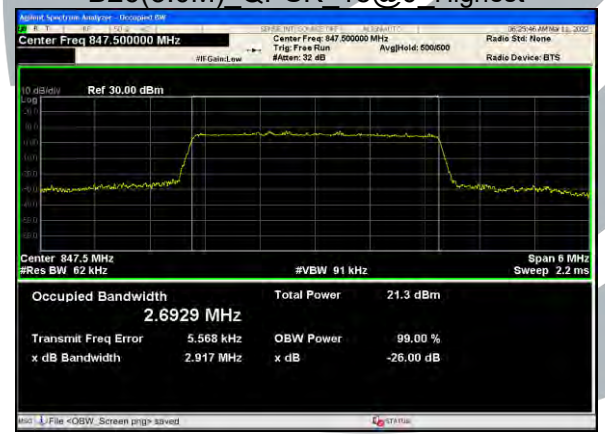
B26(3.0M)_16QAM_15@0_Middle



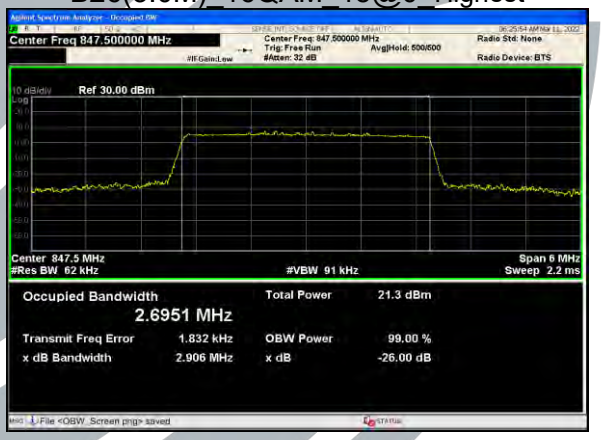
B26(3.0M)_64QAM_15@0_Middle



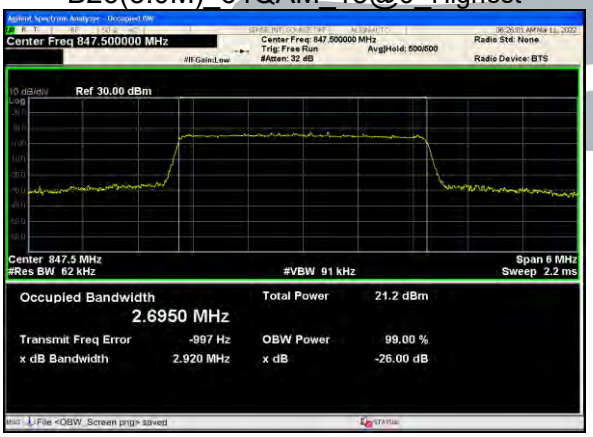
B26(3.0M)_QPSK_15@0_Highest



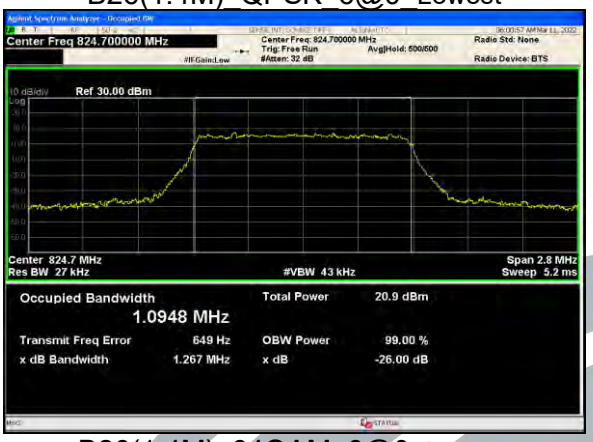
B26(3.0M)_16QAM_15@0_Highest



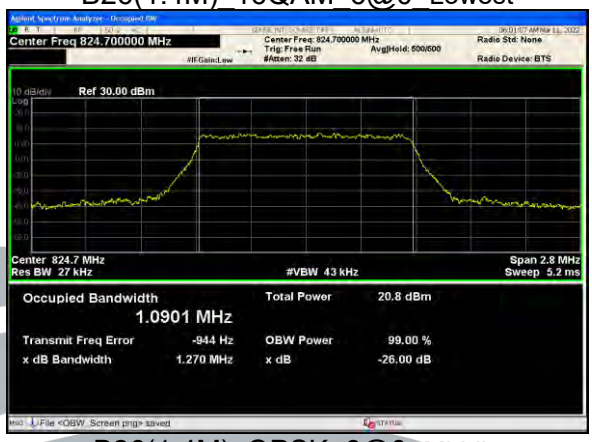
B26(3.0M)_64QAM_15@0_Highest



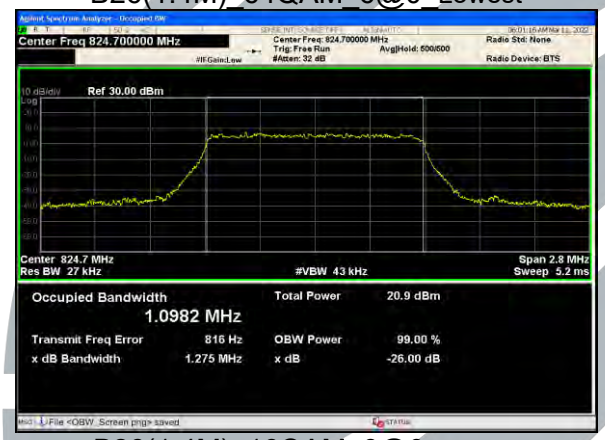
B26(1.4M)_QPSK_6@0_Lowest



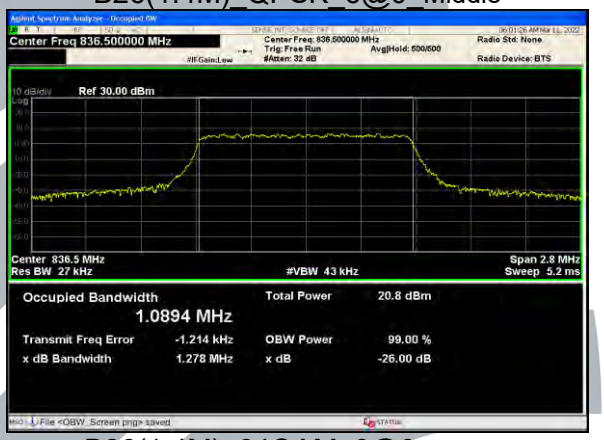
B26(1.4M)_16QAM_6@0_Lowest



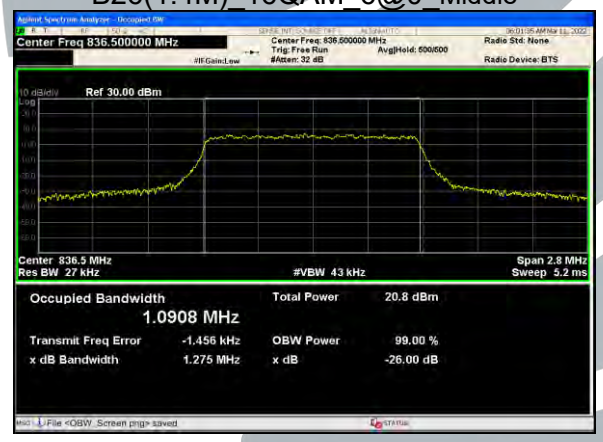
B26(1.4M)_64QAM_6@0_Lowest



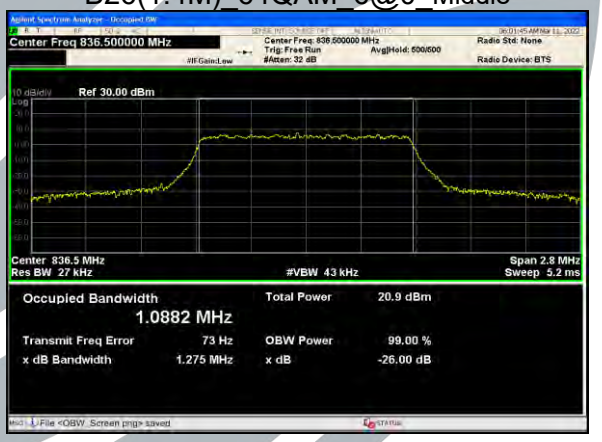
B26(1.4M)_QPSK_6@0_Middle



B26(1.4M)_16QAM_6@0_Middle



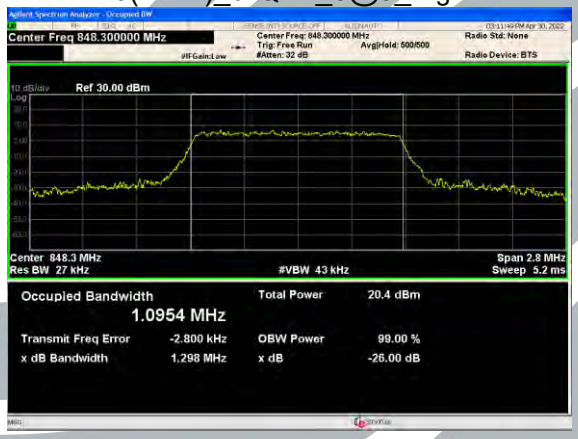
B26(1.4M)_64QAM_6@0_Middle



B26(1.4M)_QPSK_6@0_Highest

B26(1.4M)_16QAM_6@0_Highest

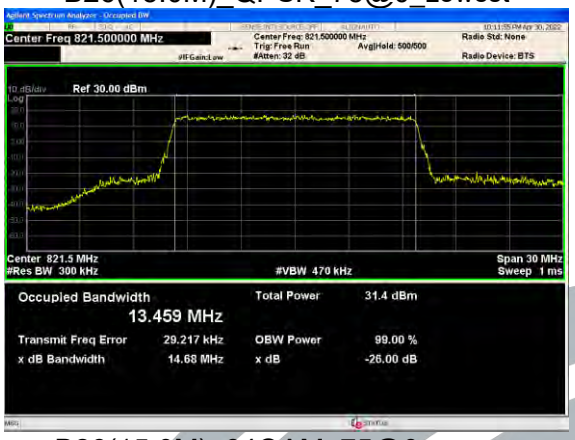
B26(1.4M)_64QAM_6@0_Highest



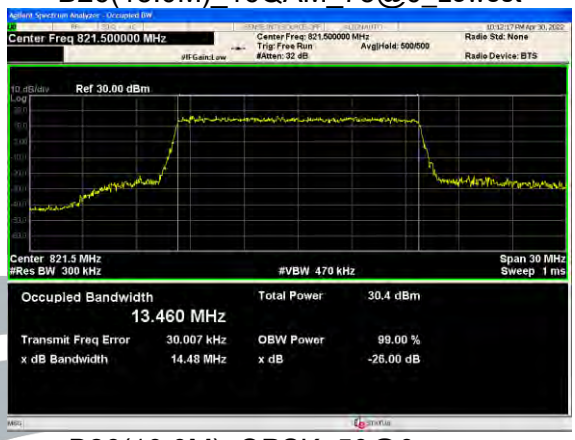
5.5.10 LTE Band 26 (Part 90S)

Bandwidth (MHz)	Freq. (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
1.4	819	QPSK	6@0	1.09	1.28
1.4	819	16QAM	6@0	1.09	1.27
1.4	819	64QAM	6@0	1.09	1.27
1.4	823.3	QPSK	6@0	1.09	1.28
1.4	823.3	16QAM	6@0	1.09	1.28
1.4	823.3	64QAM	6@0	1.09	1.29
1.4	814.7	QPSK	6@0	1.09	1.28
1.4	814.7	16QAM	6@0	1.10	1.26
1.4	814.7	64QAM	6@0	1.10	1.27
3	819	QPSK	15@0	2.69	2.91
3	819	16QAM	15@0	2.69	2.90
3	819	64QAM	15@0	2.69	2.92
3	822.5	QPSK	15@0	2.70	2.90
3	822.5	16QAM	15@0	2.69	2.91
3	822.5	64QAM	15@0	2.70	2.92
3	815.5	QPSK	15@0	2.70	2.93
3	815.5	16QAM	15@0	2.69	2.91
3	815.5	64QAM	15@0	2.69	2.92
5	819	QPSK	25@0	4.50	4.92
5	819	16QAM	25@0	4.49	4.92
5	819	64QAM	25@0	4.50	4.90
5	821.5	QPSK	25@0	4.50	4.89
5	821.5	16QAM	25@0	4.50	4.90
5	821.5	64QAM	25@0	4.50	4.92
5	816.5	QPSK	25@0	4.48	4.88
5	816.5	16QAM	25@0	4.50	4.90
5	816.5	64QAM	25@0	4.50	4.90
10	819	QPSK	50@0	8.97	9.64
10	819	16QAM	50@0	8.97	9.74
10	819	64QAM	50@0	8.97	9.65
15	821.5	QPSK	75@0	13.46	14.68
15	821.5	16QAM	75@0	13.46	14.48
15	821.5	64QAM	75@0	13.44	14.45

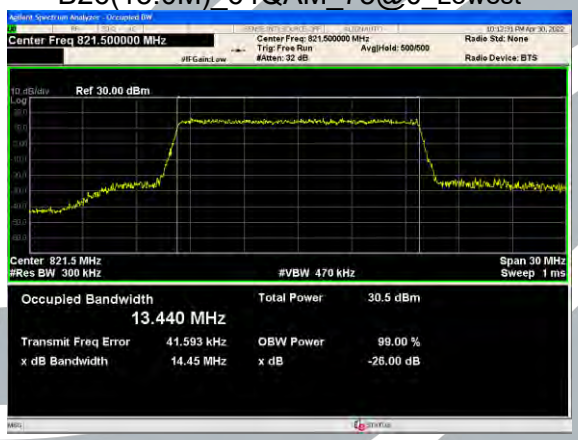
B26(15.0M)_QPSK_75@0_Lowest



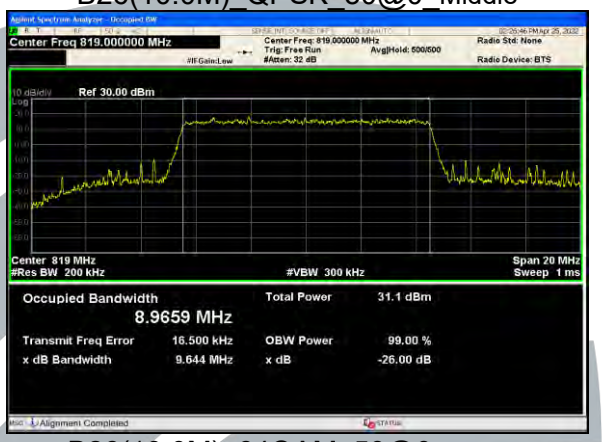
B26(15.0M)_16QAM_75@0_Lowest



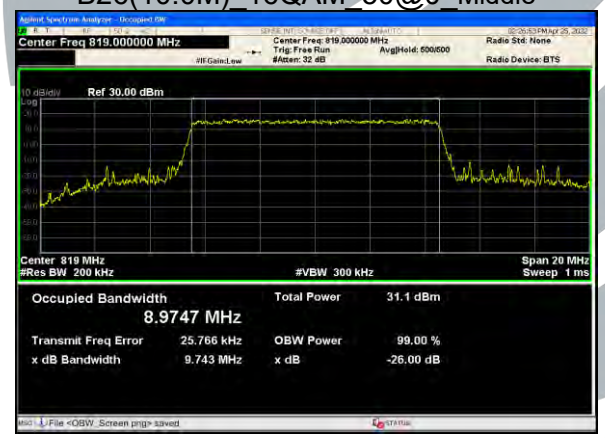
B26(15.0M)_64QAM_75@0_Lowest



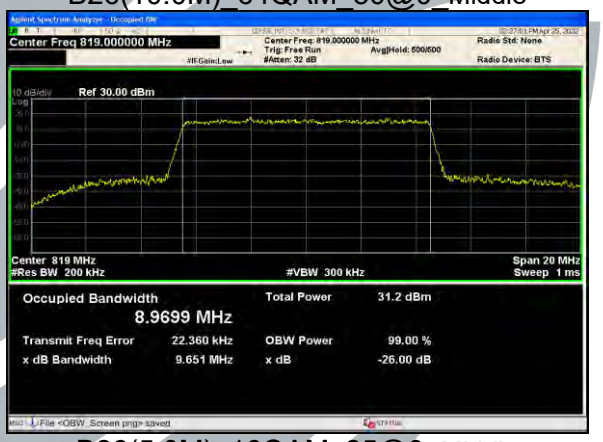
B26(10.0M)_QPSK_50@0_Middle



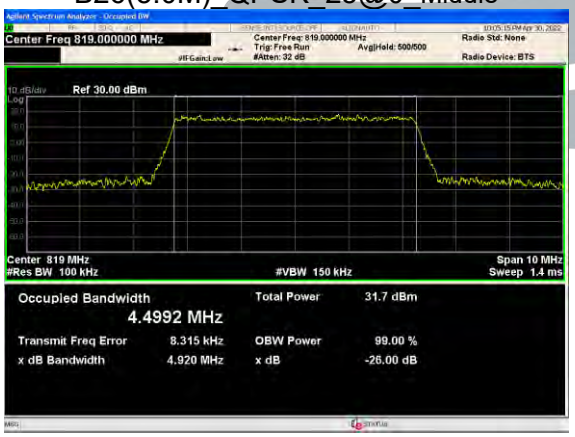
B26(10.0M)_16QAM_50@0_Middle



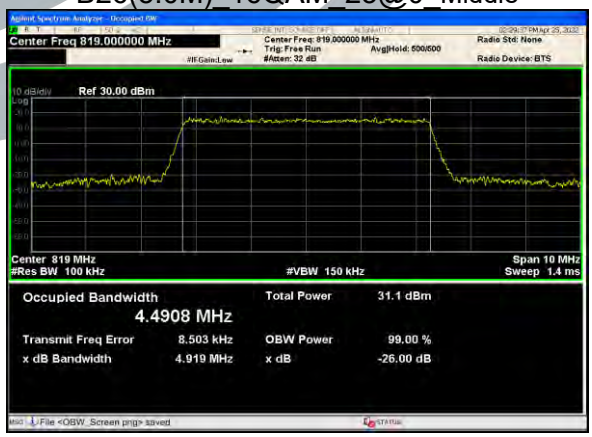
B26(10.0M)_64QAM_50@0_Middle



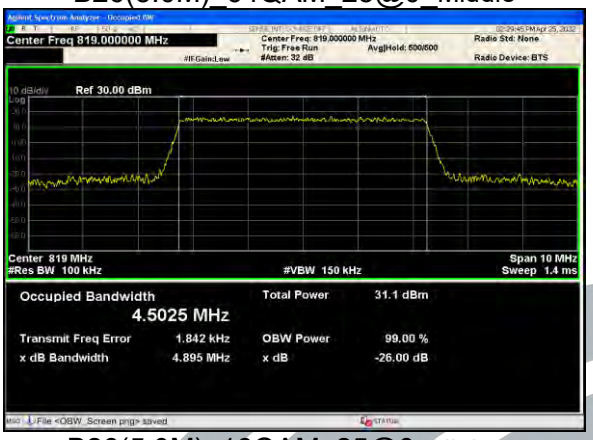
B26(5.0M)_QPSK_25@0_Middle



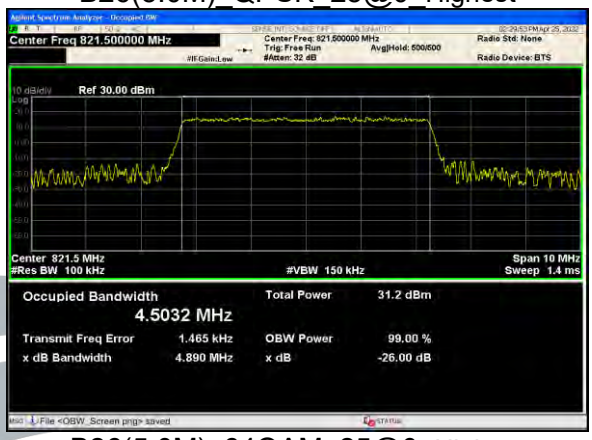
B26(5.0M)_16QAM_25@0_Middle



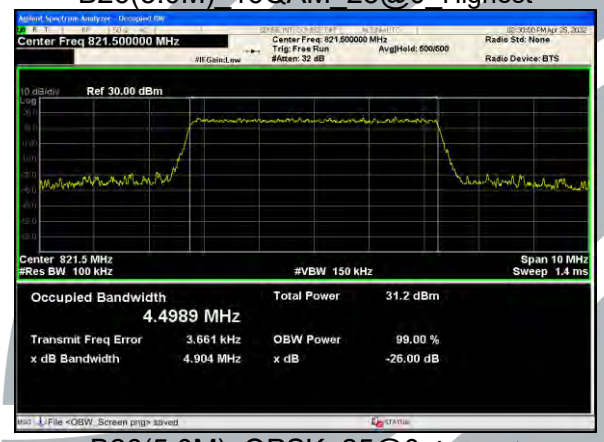
B26(5.0M)_64QAM_25@0_Middle



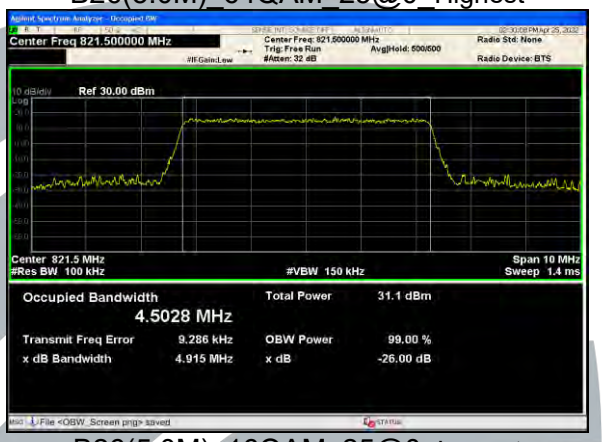
B26(5.0M)_QPSK_25@0_Highest



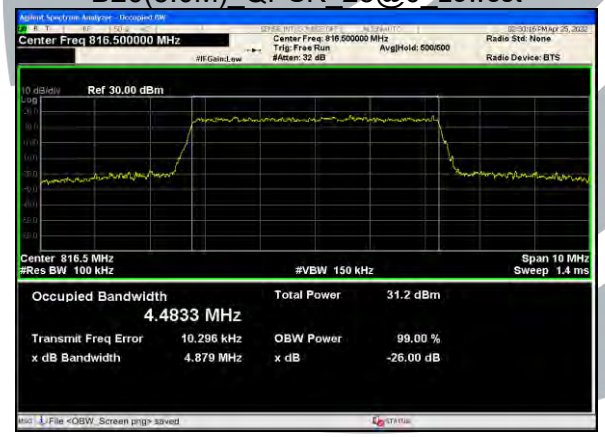
B26(5.0M)_16QAM_25@0_Highest



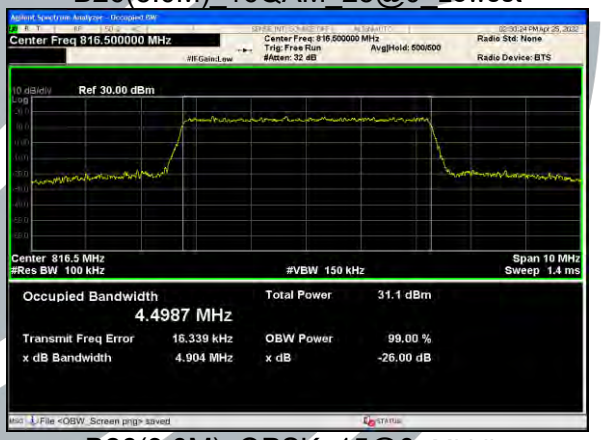
B26(5.0M)_64QAM_25@0_Highest



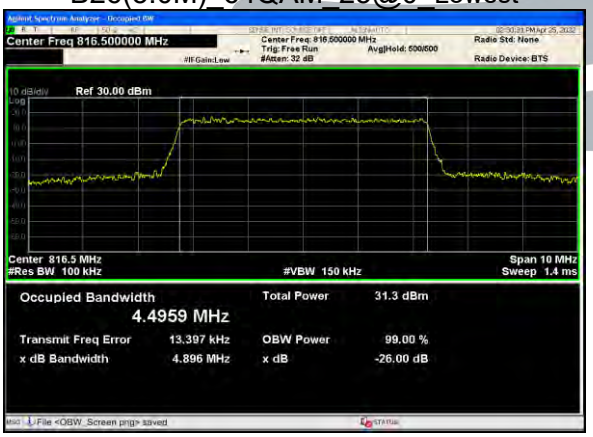
B26(5.0M)_QPSK_25@0_Lowest



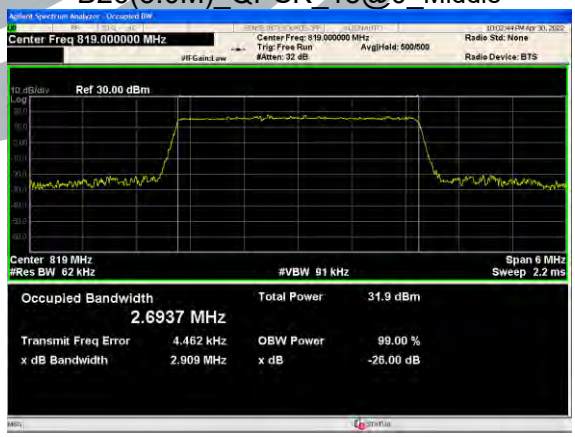
B26(5.0M)_16QAM_25@0_Lowest



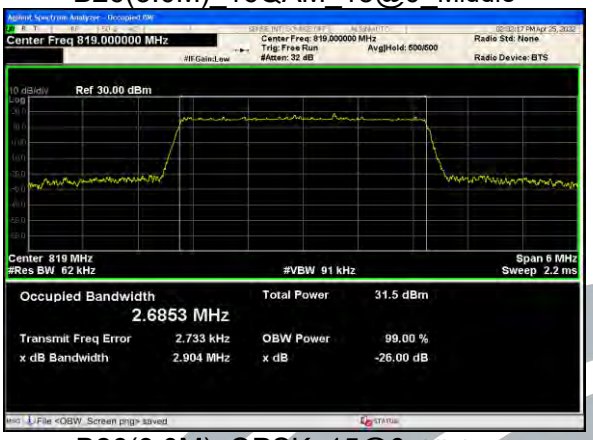
B26(5.0M)_64QAM_25@0_Lowest



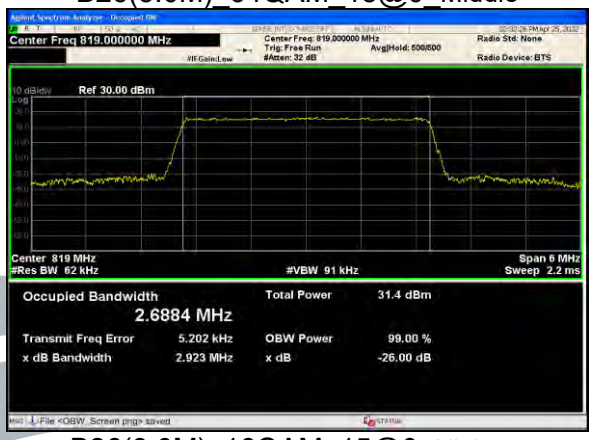
B26(3.0M)_QPSK_15@0_Middle



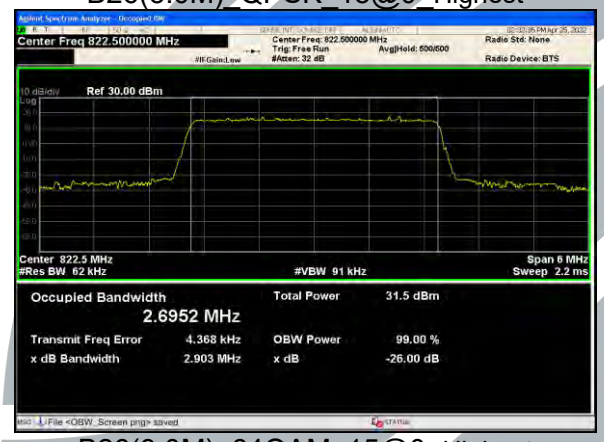
B26(3.0M)_16QAM_15@0_Middle



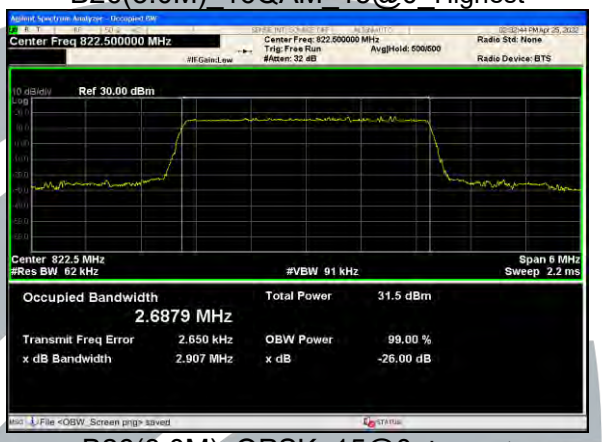
B26(3.0M)_64QAM_15@0_Middle



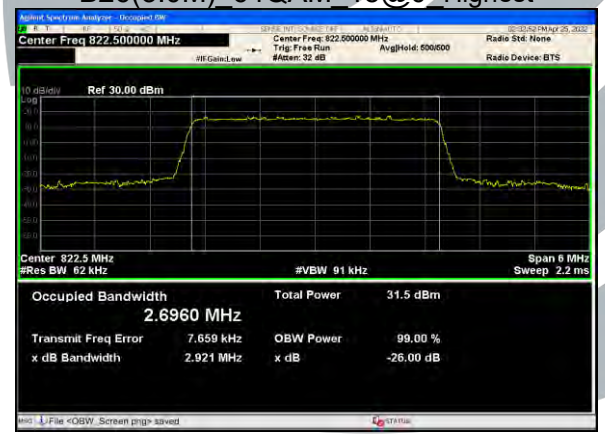
B26(3.0M)_QPSK_15@0_Highest



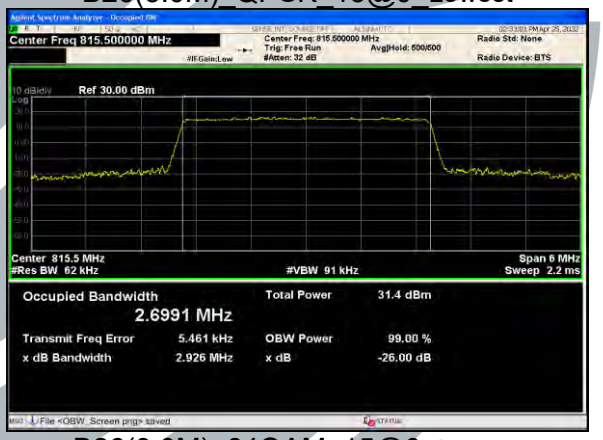
B26(3.0M)_16QAM_15@0_Highest



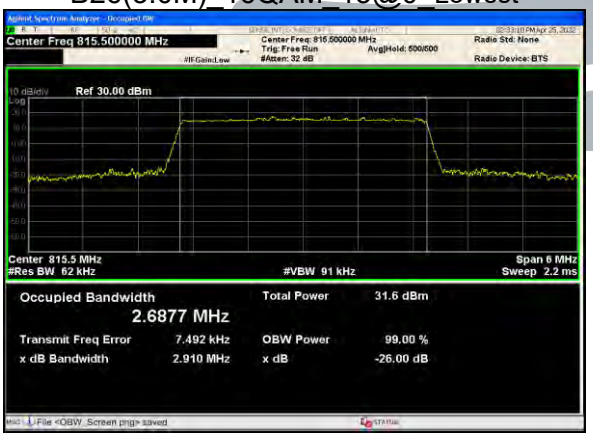
B26(3.0M)_64QAM_15@0_Highest



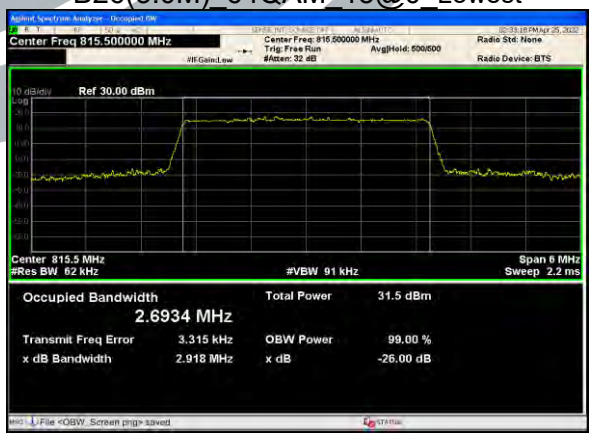
B26(3.0M)_QPSK_15@0_Lowest



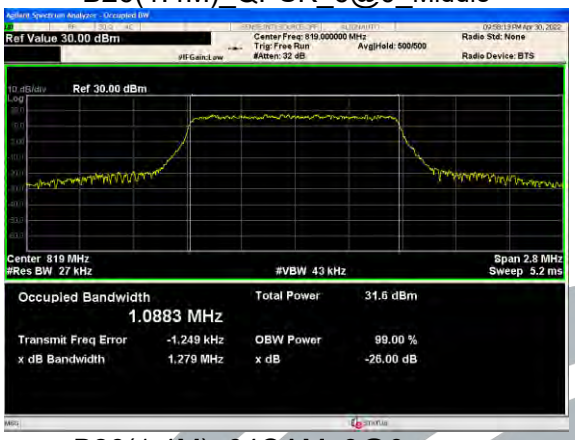
B26(3.0M)_16QAM_15@0_Lowest



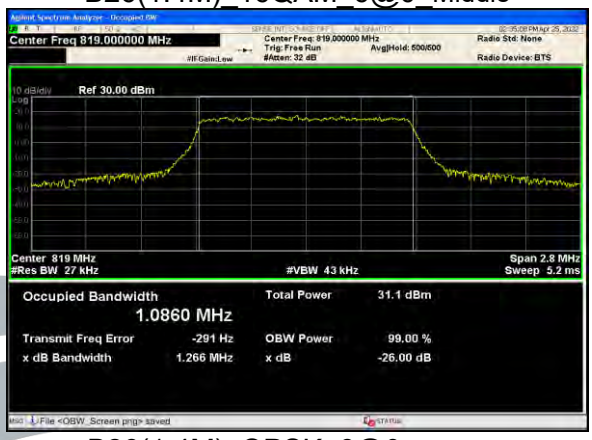
B26(3.0M)_64QAM_15@0_Lowest



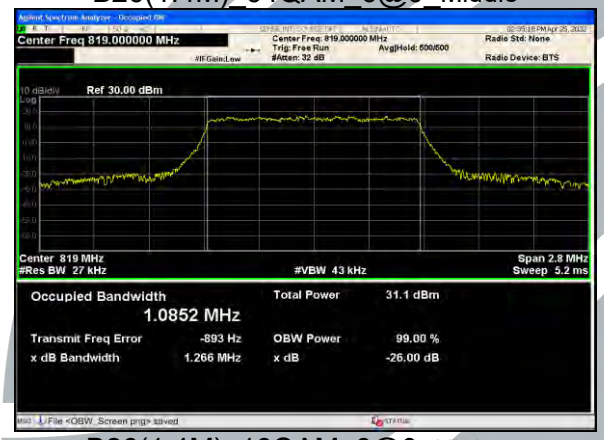
B26(1.4M)_QPSK_6@0_Middle



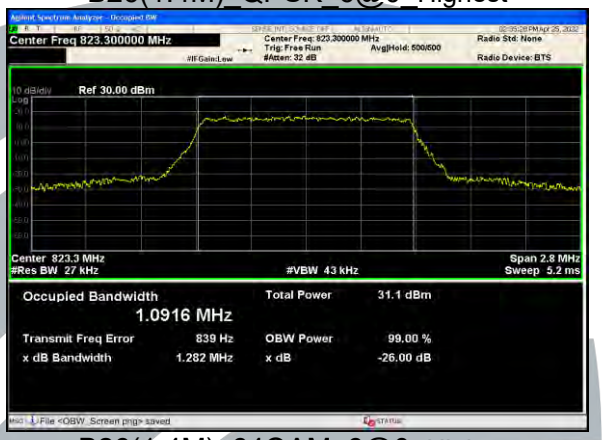
B26(1.4M)_16QAM_6@0_Middle



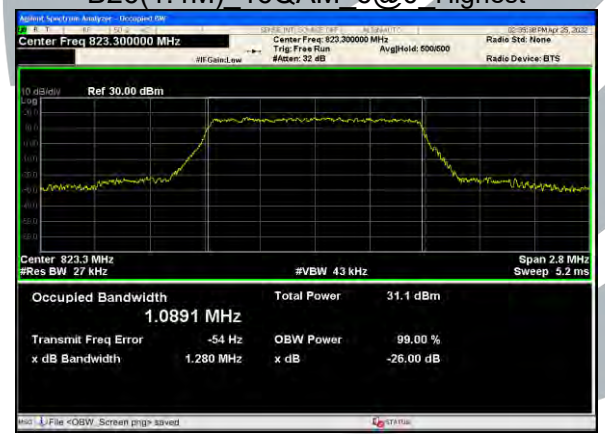
B26(1.4M)_64QAM_6@0_Middle



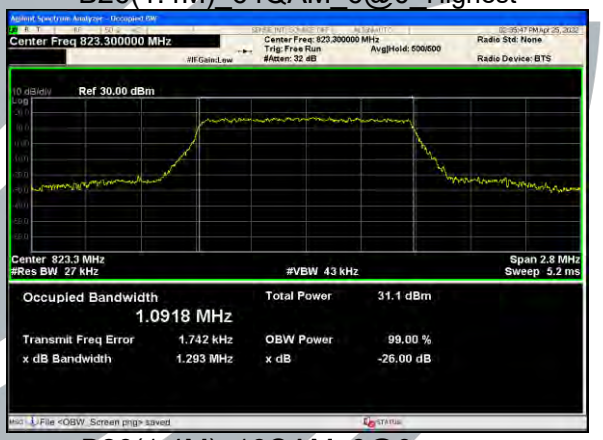
B26(1.4M)_QPSK_6@0_Highest



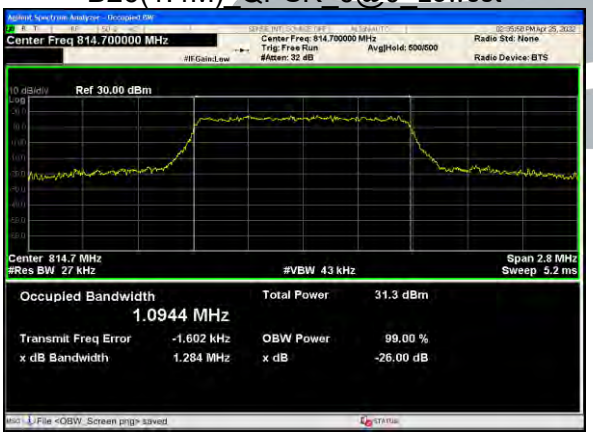
B26(1.4M)_16QAM_6@0_Highest



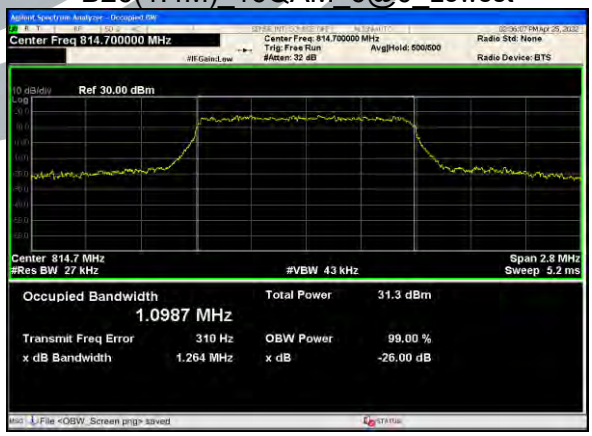
B26(1.4M)_64QAM_6@0_Highest



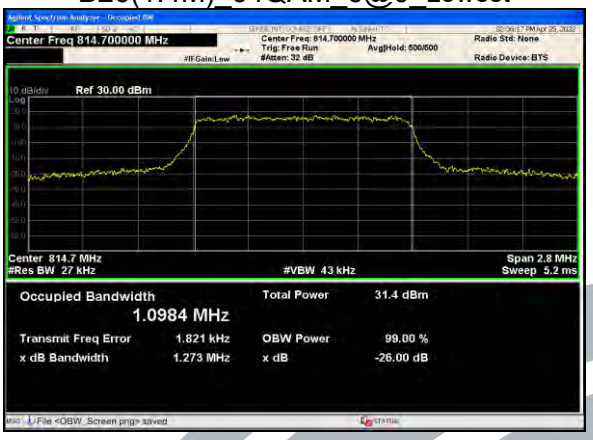
B26(1.4M)_QPSK_6@0_Lowest



B26(1.4M)_16QAM_6@0_Lowest



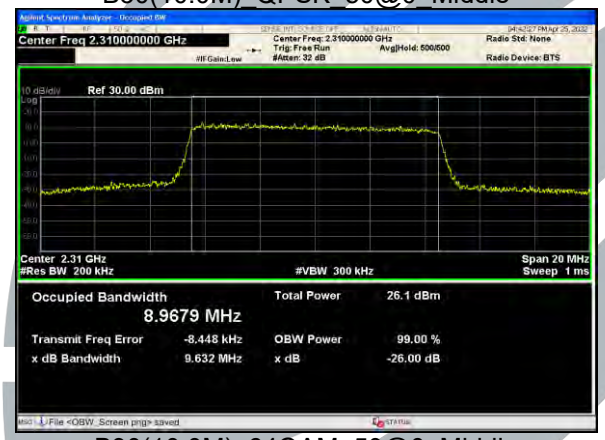
B26(1.4M)_64QAM_6@0_Lowest



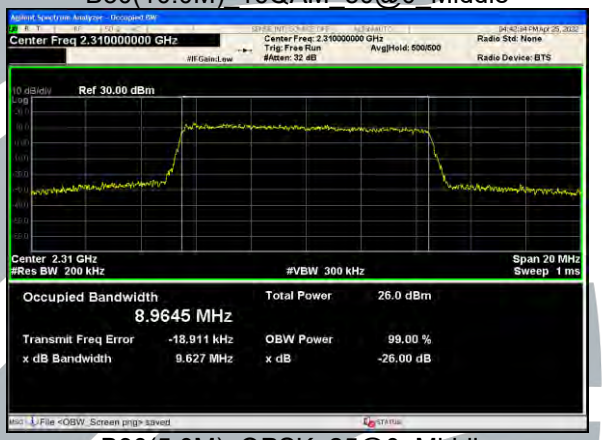
5.5.11 LTE Band 30

Bandwidth (MHz)	Freq. (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	2310.0	QPSK	25@0	4.50	4.87
5	2310.0	16QAM	25@0	4.49	4.89
5	2310.0	64QAM	25@0	4.49	4.85
5	2312.5	QPSK	25@0	4.51	4.88
5	2312.5	16QAM	25@0	4.50	4.92
5	2312.5	64QAM	25@0	4.50	4.89
5	2307.5	QPSK	25@0	4.50	4.90
5	2307.5	16QAM	25@0	4.50	4.90
5	2307.5	64QAM	25@0	4.49	4.87
10	2310.0	QPSK	50@0	8.97	9.63
10	2310.0	16QAM	50@0	8.96	9.63
10	2310.0	64QAM	50@0	8.95	9.71

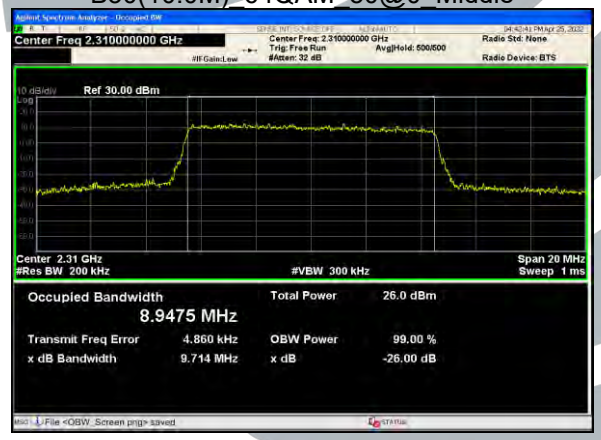
B30(10.0M)_QPSK_50@0_Middle



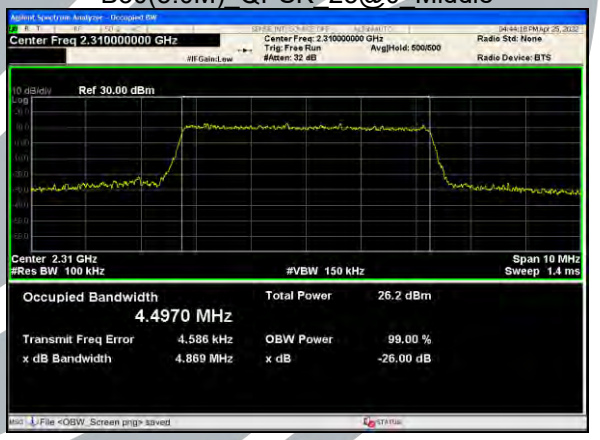
B30(10.0M)_16QAM_50@0_Middle



B30(10.0M)_64QAM_50@0_Middle



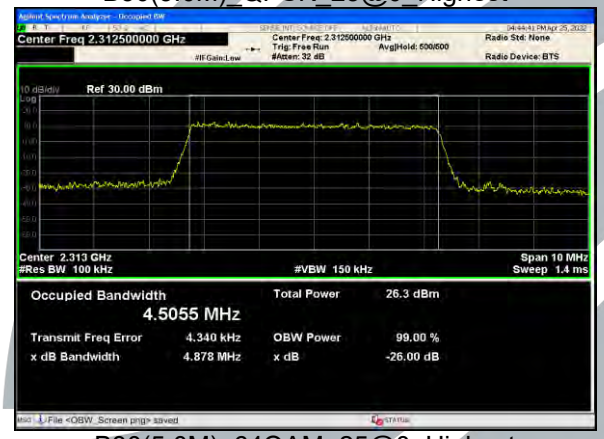
B30(5.0M)_QPSK_25@0_Middle



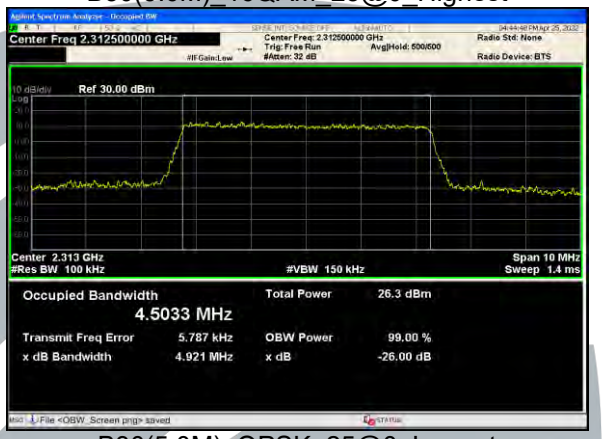
B30(5.0M)_16QAM_25@0_Middle

B30(5.0M)_64QAM_25@0_Middle

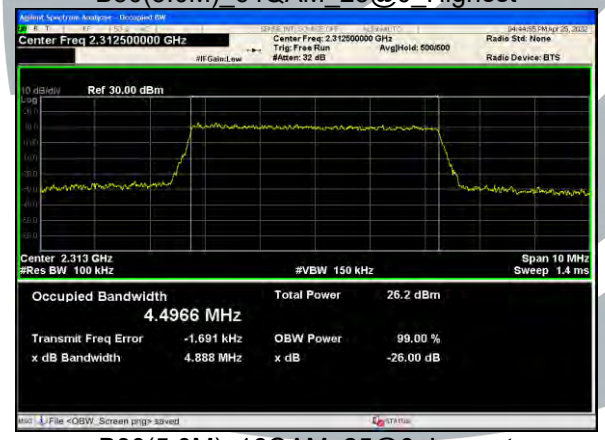
B30(5.0M)_QPSK_25@0_Highest



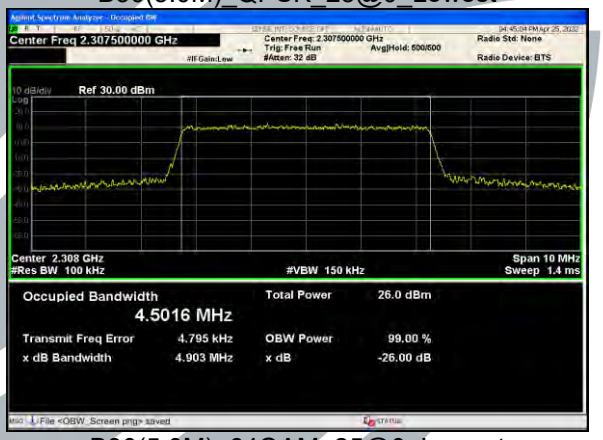
B30(5.0M)_16QAM_25@0_Highest



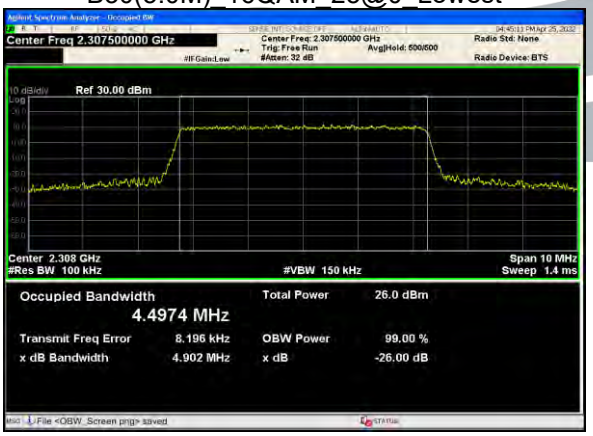
B30(5.0M)_64QAM_25@0_Highest



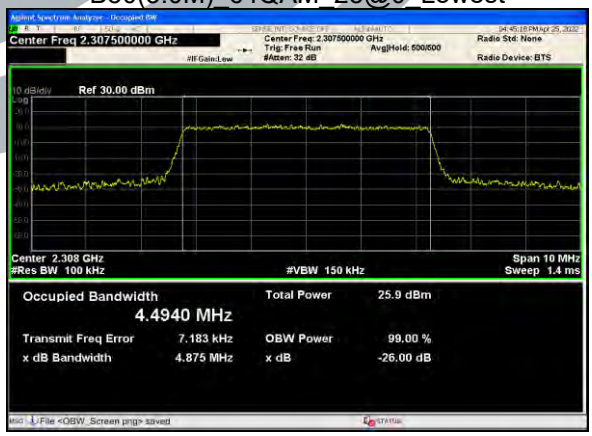
B30(5.0M)_QPSK_25@0_Lowest



B30(5.0M)_16QAM_25@0_Lowest

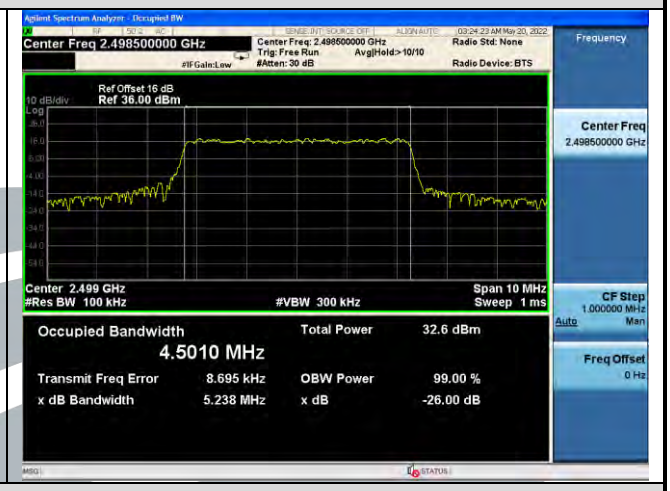
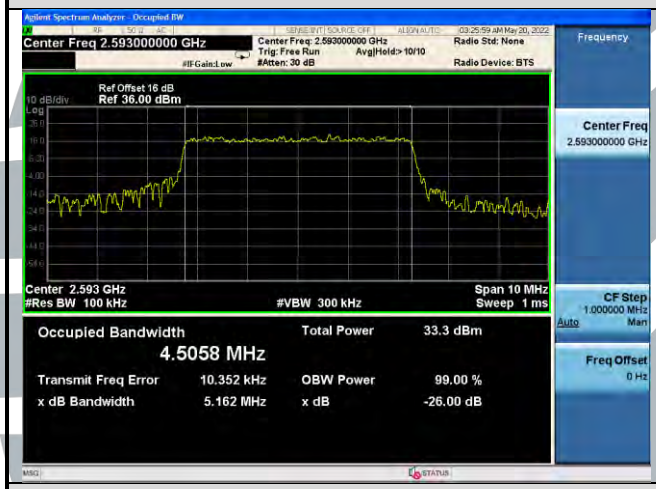
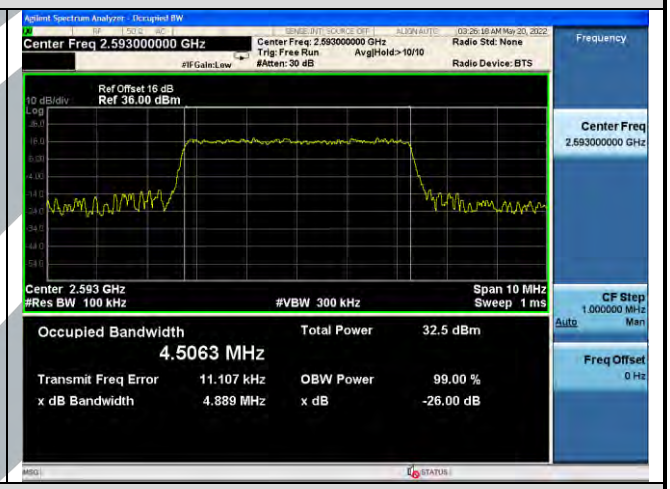
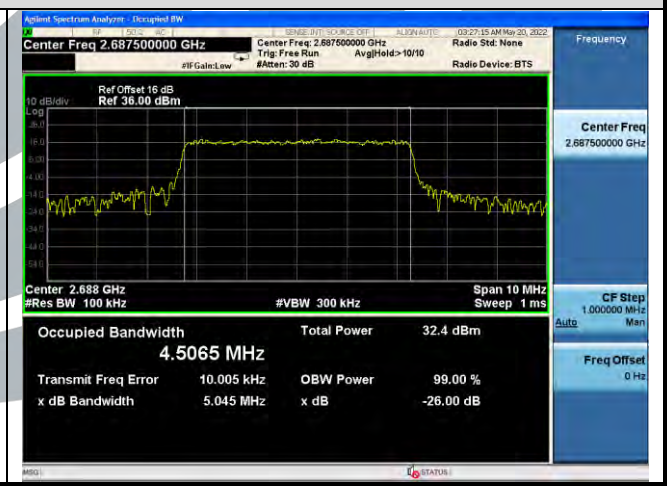


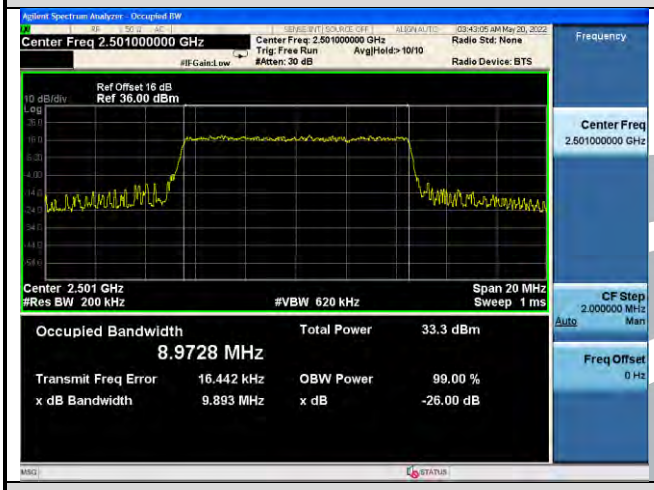
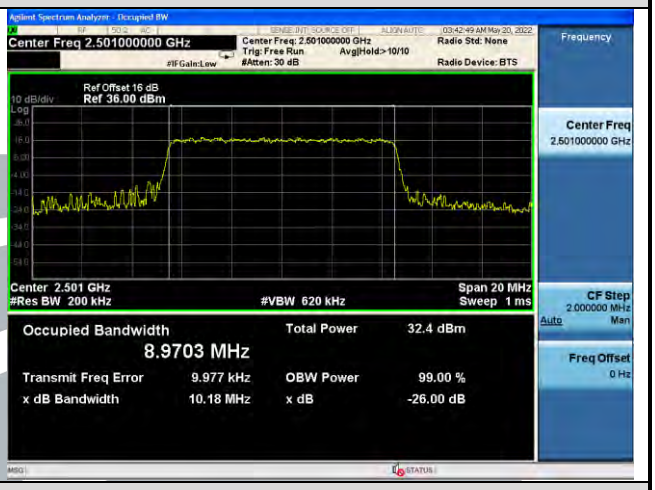
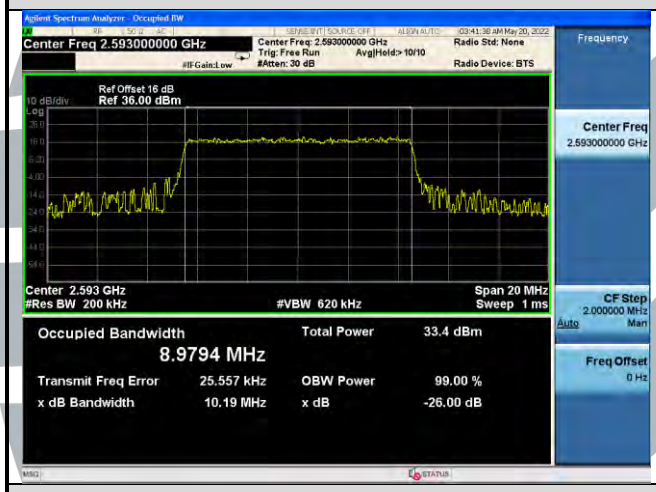
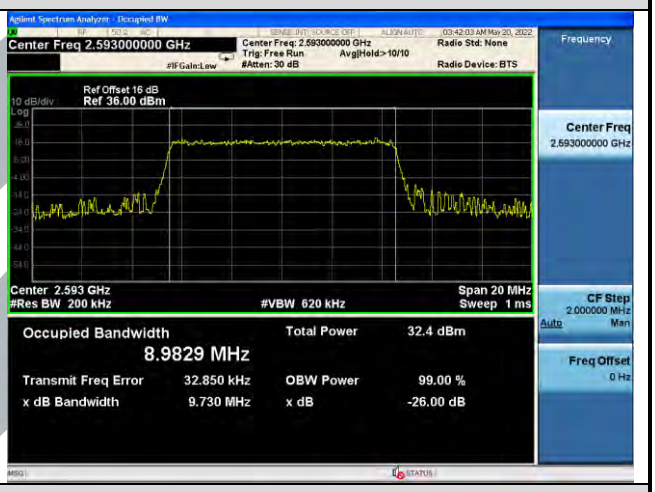
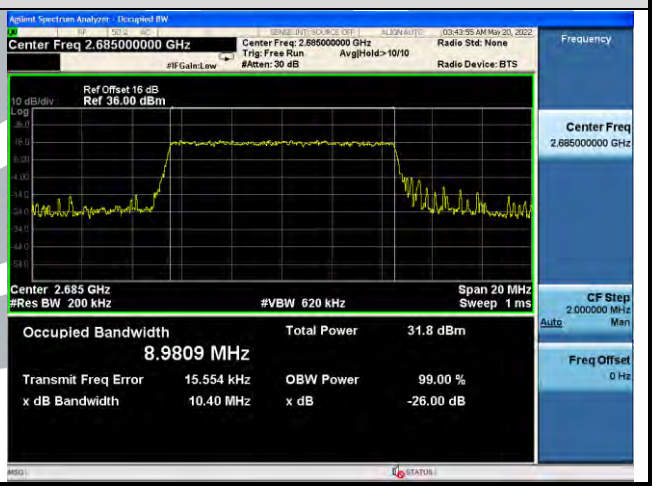
B30(5.0M)_64QAM_25@0_Lowest



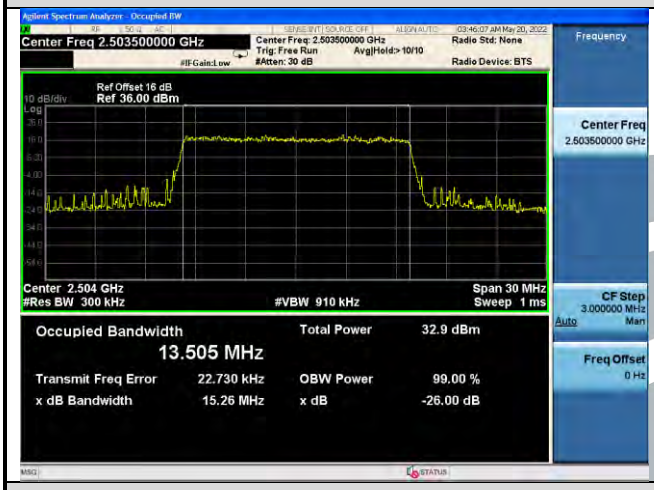
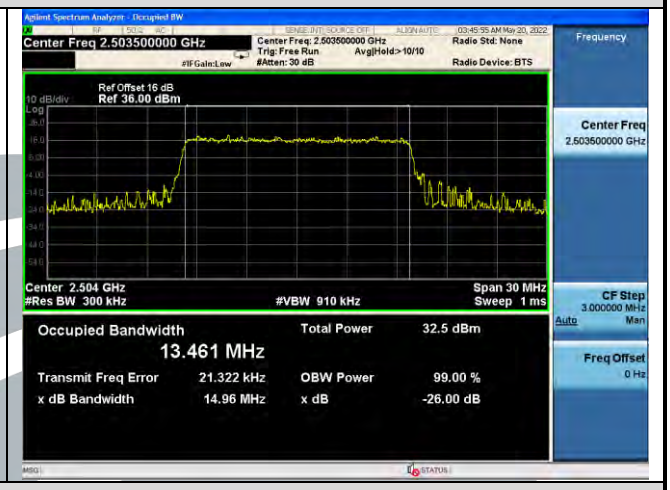
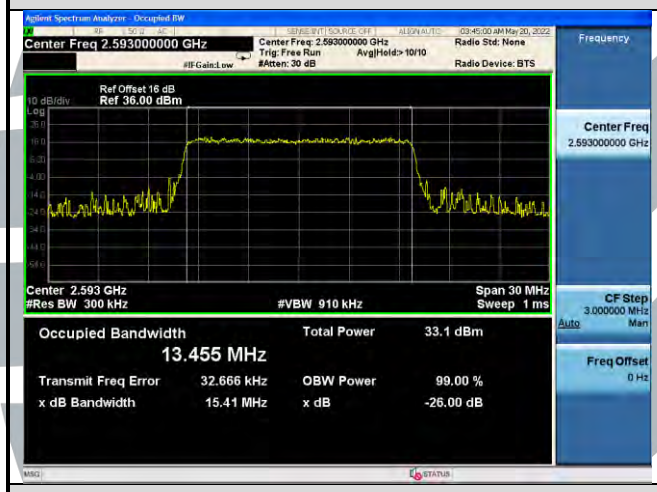
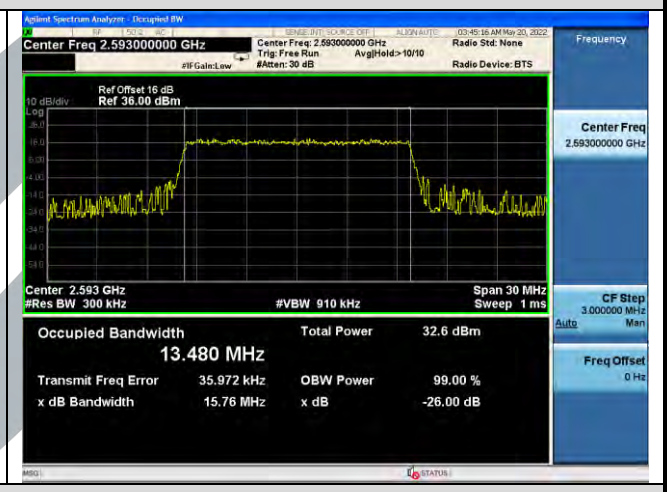
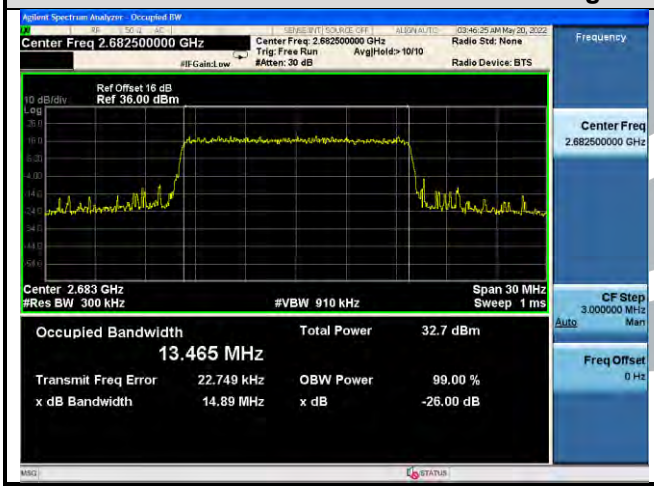
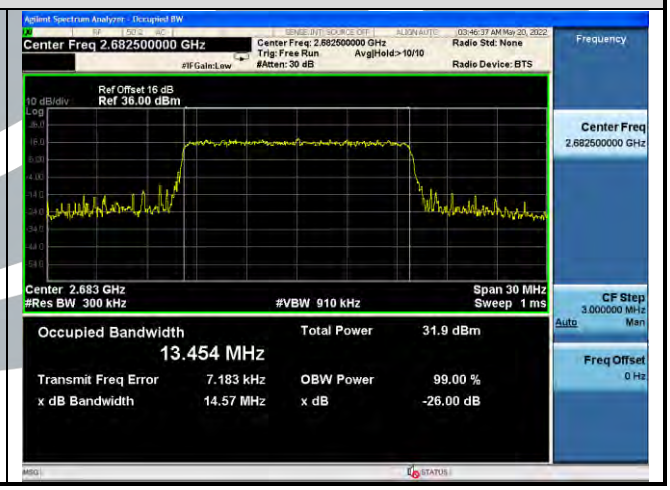
5.5.12 LTE Band 41

Bandwidth (MHz)	Freq. (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	2498.5	QPSK	25@0	4.51	4.90
5	2498.5	16QAM	25@0	4.50	5.24
5	2498.5	64QAM	25@0	4.50	5.24
5	2593	QPSK	25@0	4.51	5.16
5	2593	16QAM	25@0	4.51	4.89
5	2593	64QAM	25@0	4.50	5.07
5	2687.5	QPSK	25@0	4.50	4.93
5	2687.5	16QAM	25@0	4.51	5.05
5	2687.5	64QAM	25@0	4.50	4.92
10	2501	QPSK	50@0	8.97	9.89
10	2501	16QAM	50@0	8.97	10.18
10	2501	64QAM	50@0	8.96	9.90
10	2593	QPSK	50@0	8.98	10.19
10	2593	16QAM	50@0	8.98	9.73
10	2593	64QAM	50@0	9.00	9.81
10	2685	QPSK	50@0	9.00	10.10
10	2685	16QAM	50@0	8.98	10.40
10	2685	64QAM	50@0	8.99	10.56
15	2503.5	QPSK	75@0	13.51	15.26
15	2503.5	16QAM	75@0	13.46	14.96
15	2503.5	64QAM	75@0	13.46	14.41
15	2593	QPSK	75@0	13.46	15.41
15	2593	16QAM	75@0	13.48	15.76
15	2593	64QAM	75@0	13.49	16.65
15	2682.5	QPSK	75@0	13.47	14.89
15	2682.5	16QAM	75@0	13.45	14.57
15	2682.5	64QAM	75@0	13.53	15.03
20	2506	QPSK	100@0	17.93	19.27
20	2506	16QAM	100@0	17.95	20.22
20	2506	64QAM	100@0	17.95	20.05
20	2593	QPSK	100@0	18.01	20.65
20	2593	16QAM	100@0	17.96	19.73
20	2593	64QAM	100@0	17.95	20.12
20	2680	QPSK	100@0	17.97	19.91
20	2680	16QAM	100@0	17.96	19.36
20	2680	64QAM	100@0	17.94	19.44

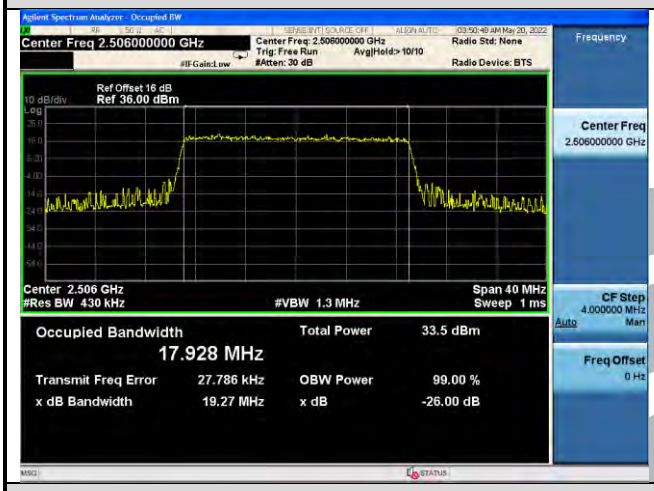
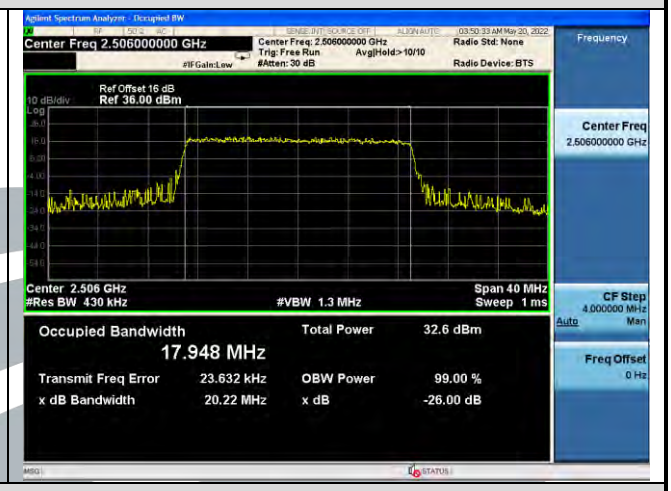
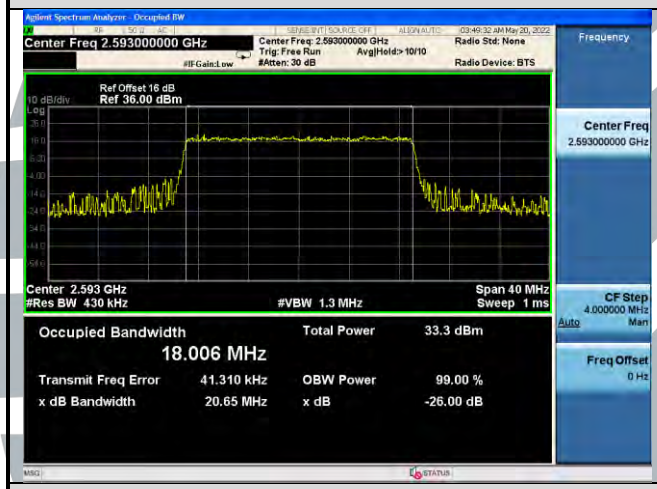
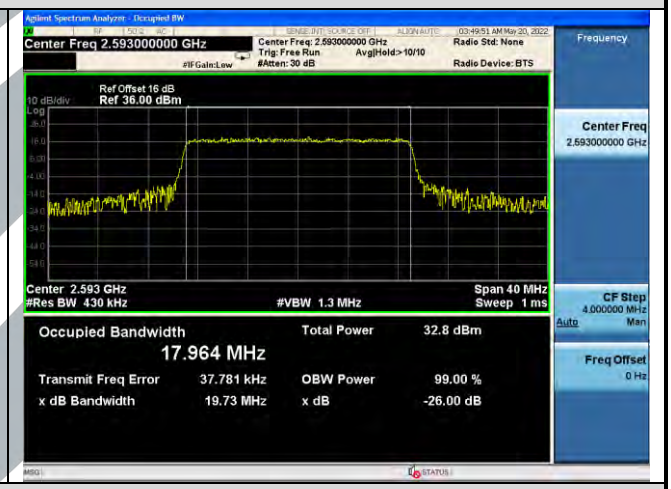
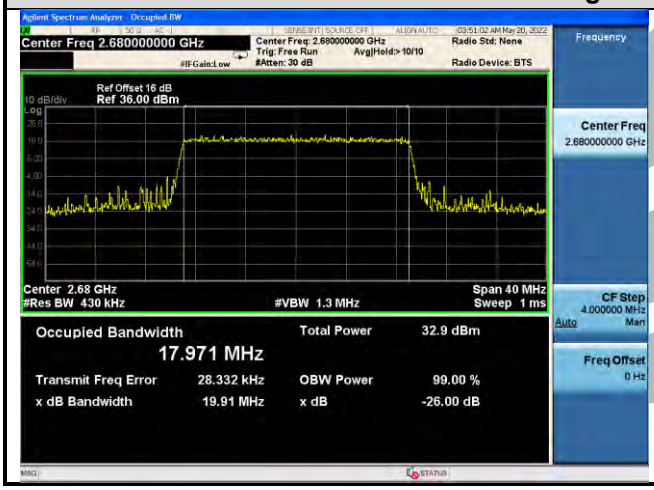
LTE Band 41_ Channel Bandwidth: 5 MHz	
QPSK	16QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel	
	

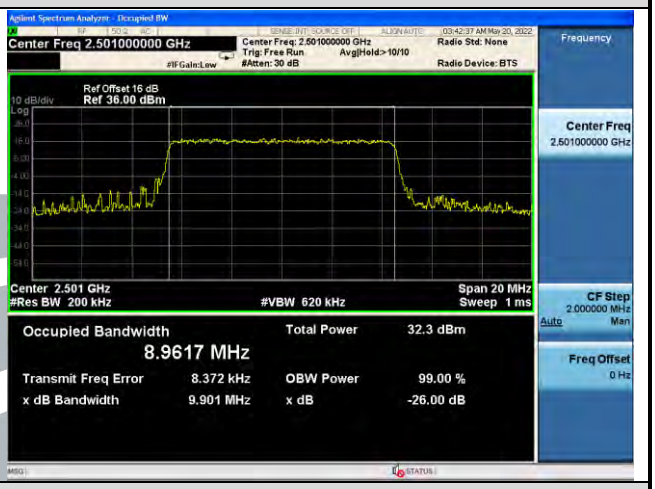
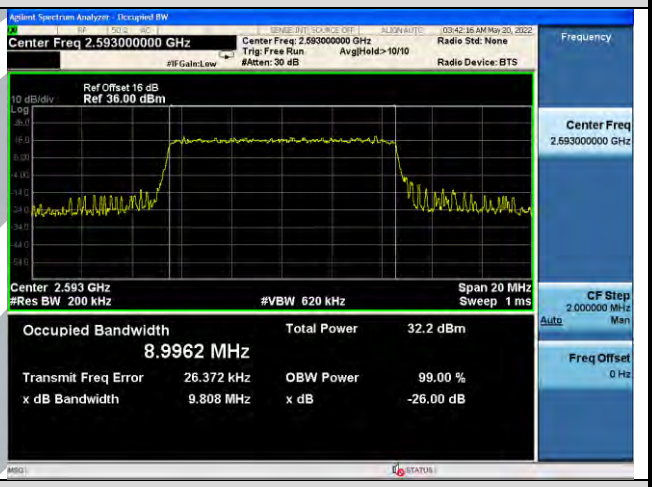
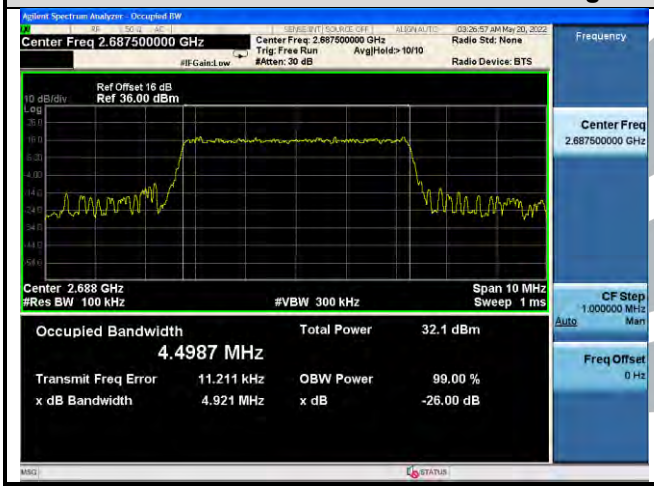
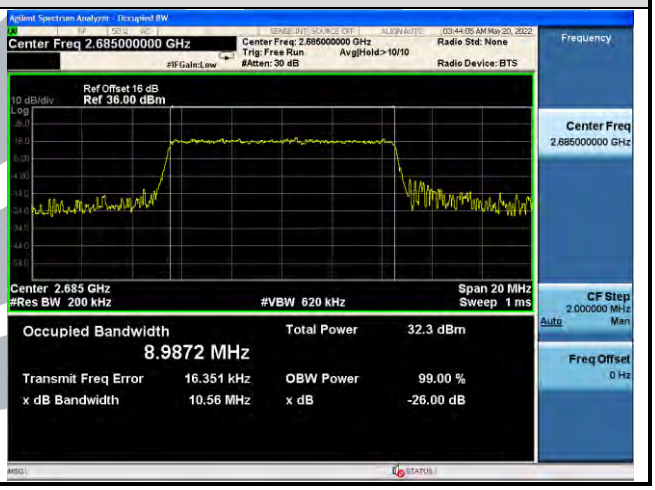
LTE Band 41_ Channel Bandwidth: 10 MHz	
QPSK	16QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel	
	

LTE Band 41_ Channel Bandwidth: 15 MHz

QPSK	16QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel	
	

LTE Band 41_ Channel Bandwidth: 20 MHz

QPSK	16QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel	
	

LTE Band 41 / 5MHz / 64QAM	LTE Band 41 / 10MHz / 64QAM
Lowest Channel	
	
Middle Channel	
	
Highest Channel