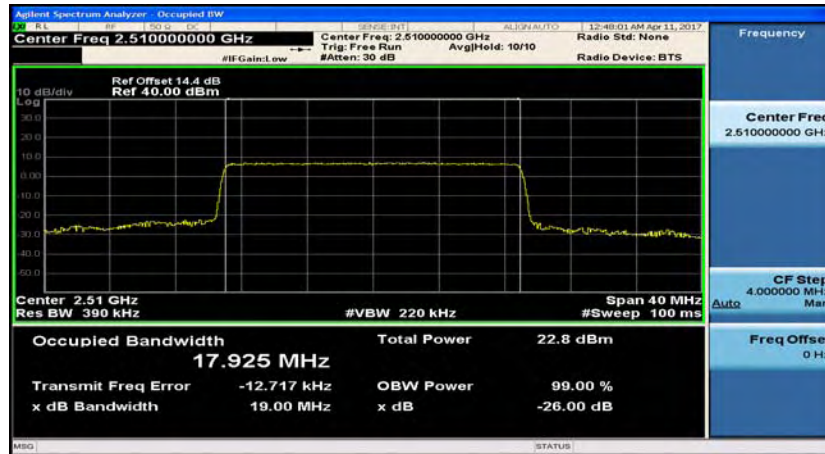
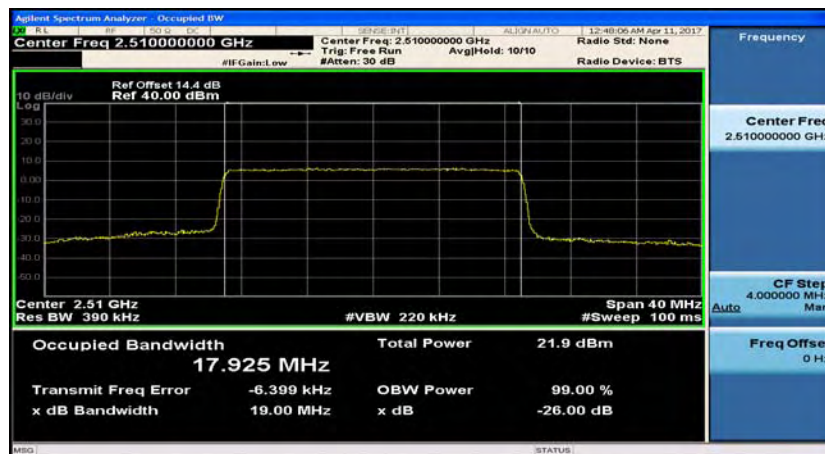




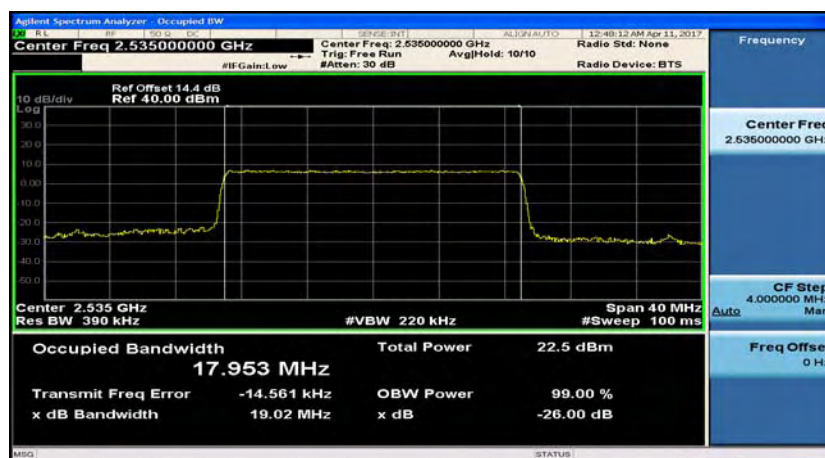
Band7_20MHz_QPSK_20850_100RB#0_17.925_19.00_PASS



Band7_20MHz_16QAM_20850_100RB#0_17.925_19.00_PASS

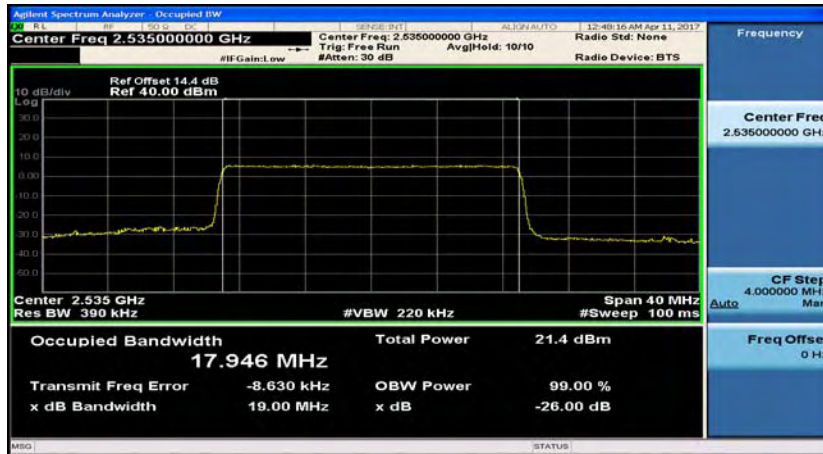


Band7_20MHz_QPSK_21100_100RB#0_17.953_19.02_PASS

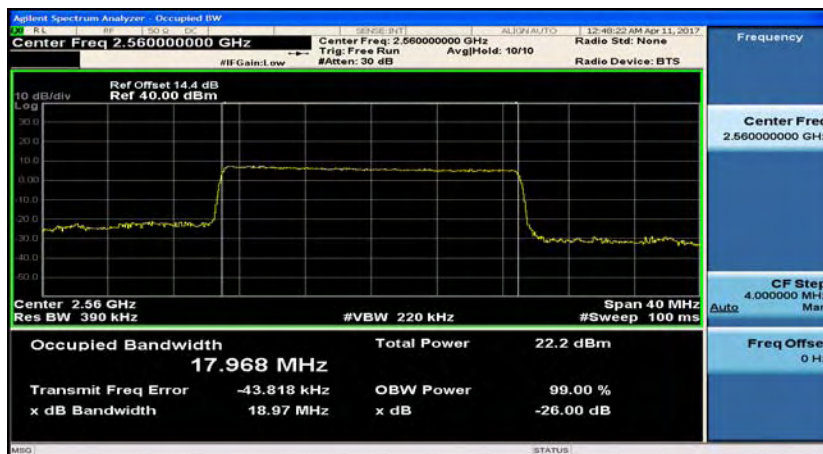




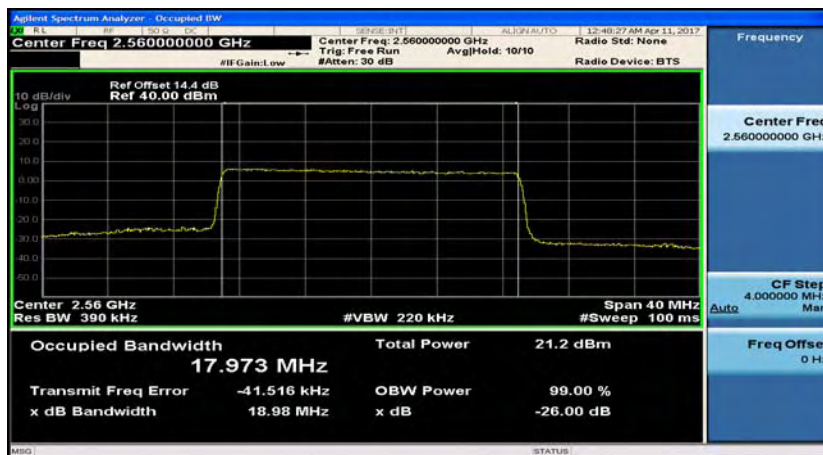
Band7_20MHz_16QAM_21100_100RB#0_17.946_19.00_PASS



Band7_20MHz_QPSK_21350_100RB#0_17.968_18.97_PASS

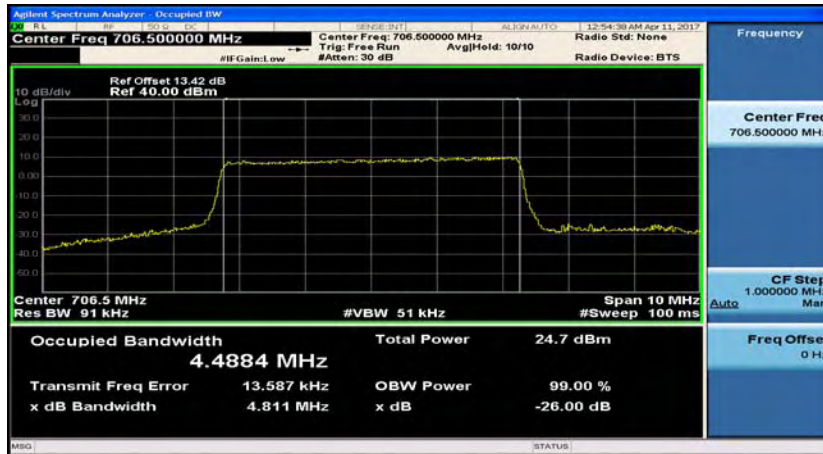


Band7_20MHz_16QAM_21350_100RB#0_17.973_18.98_PASS

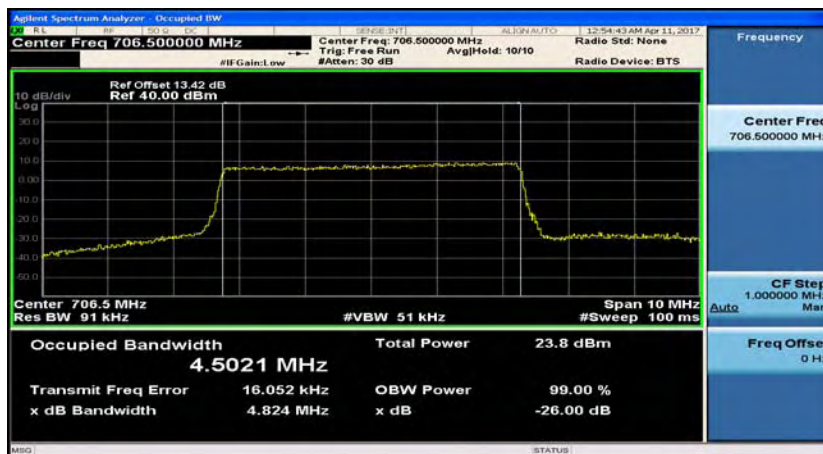




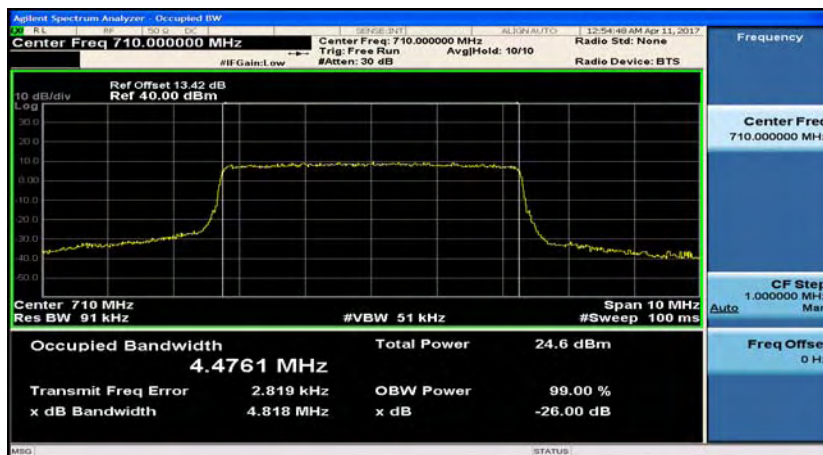
Band17_5MHz_QPSK_23755_25RB#0_4.4884_4.811_PASS



Band17_5MHz_16QAM_23755_25RB#0_4.5021_4.824_PASS

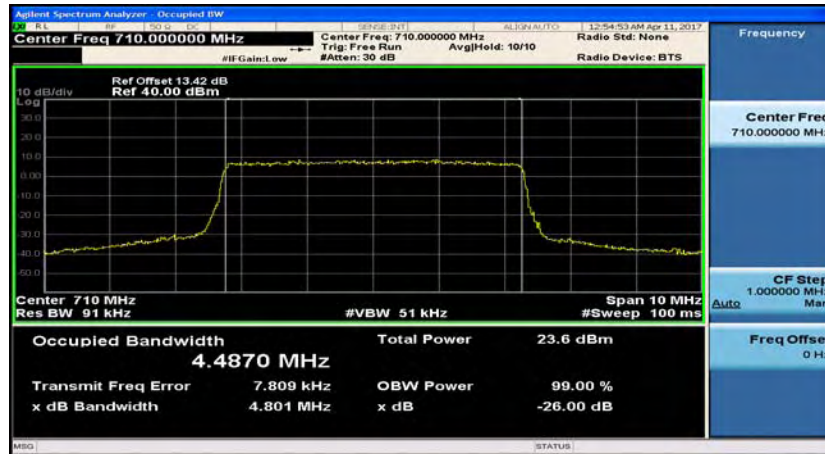


Band17_5MHz_QPSK_23790_25RB#0_4.4761_4.818_PASS

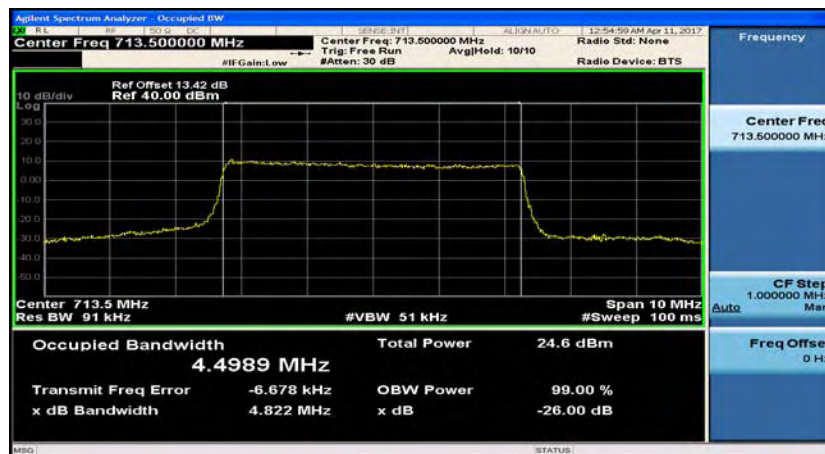




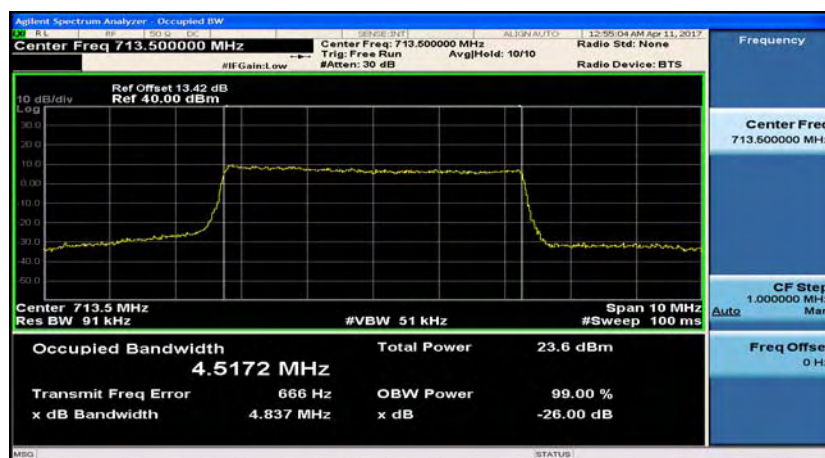
Band17_5MHz_16QAM_23790_25RB#0_4.4870_4.801_PASS



Band17_5MHz_QPSK_23825_25RB#0_4.4989_4.822_PASS

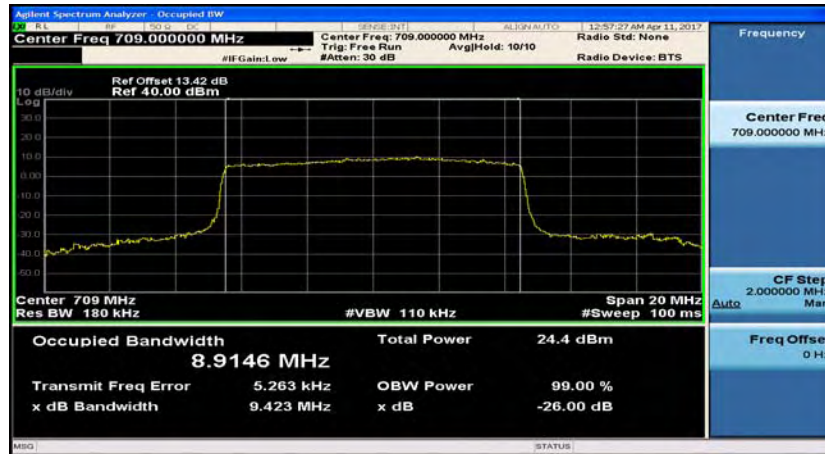


Band17_5MHz_16QAM_23825_25RB#0_4.5172_4.837_PASS

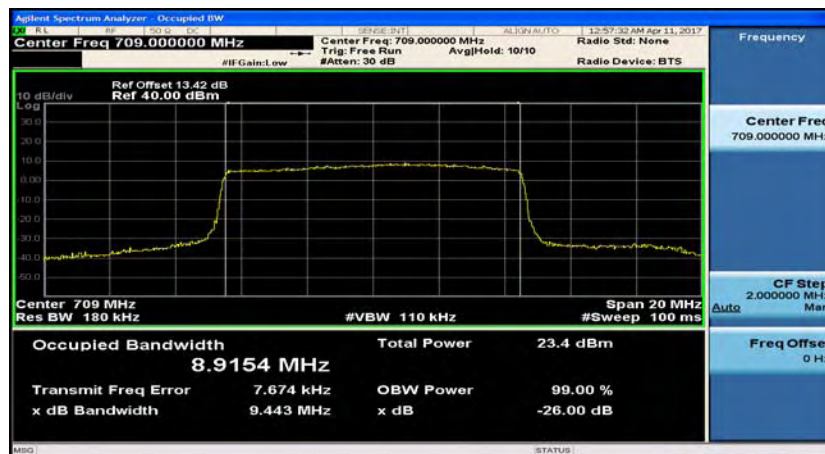




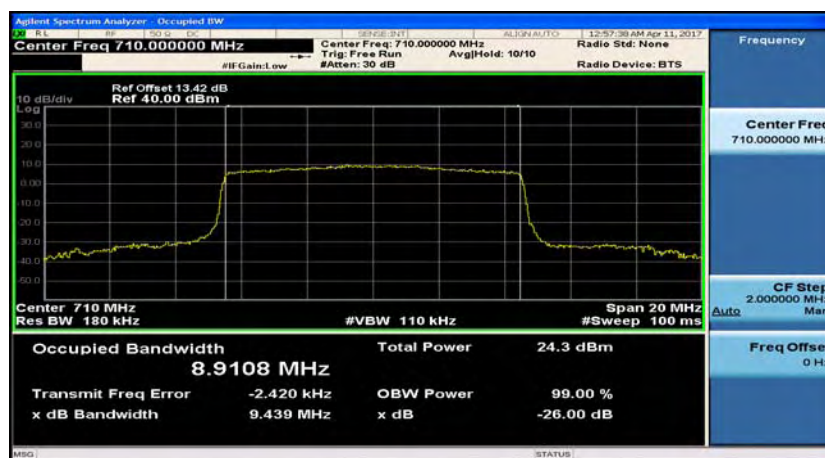
Band17_10MHz_QPSK_23780_50RB#0_8.9146_9.423_PASS



Band17_10MHz_16QAM_23780_50RB#0_8.9154_9.443_PASS

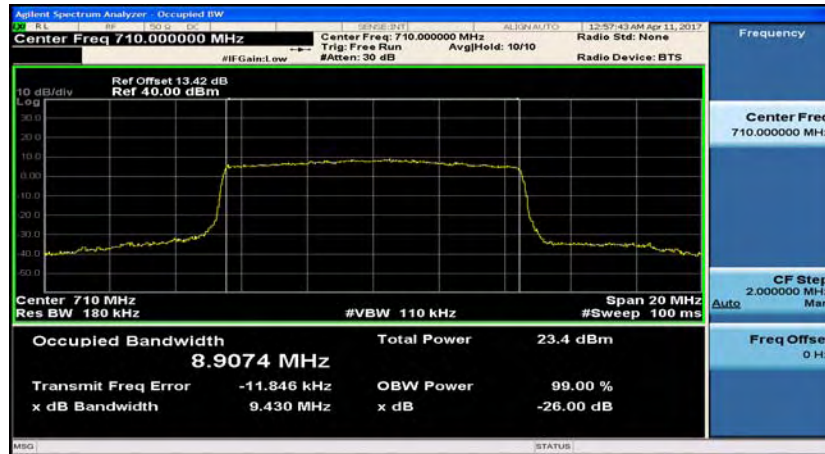


Band17_10MHz_QPSK_23790_50RB#0_8.9108_9.439_PASS

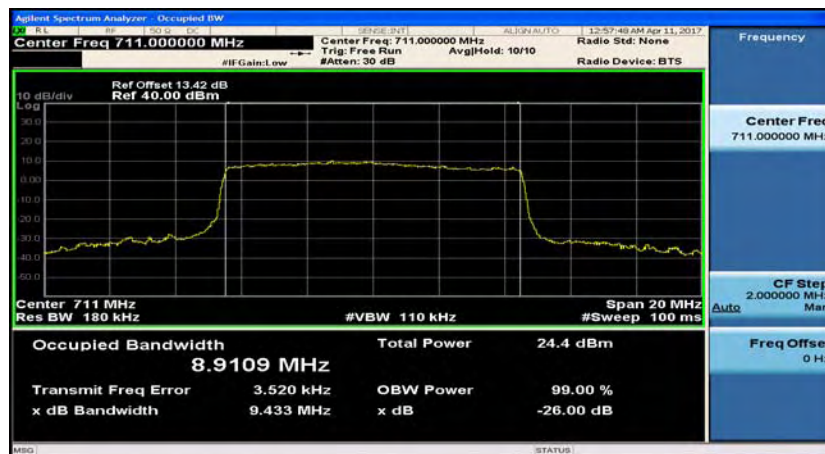




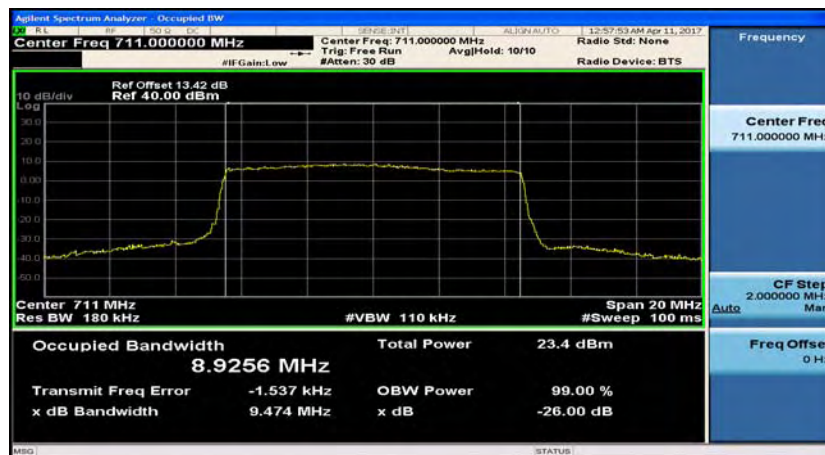
Band17_10MHz_16QAM_23790_50RB#0_8.9074_9.430_PASS



Band17_10MHz_QPSK_23800_50RB#0_8.9109_9.433_PASS

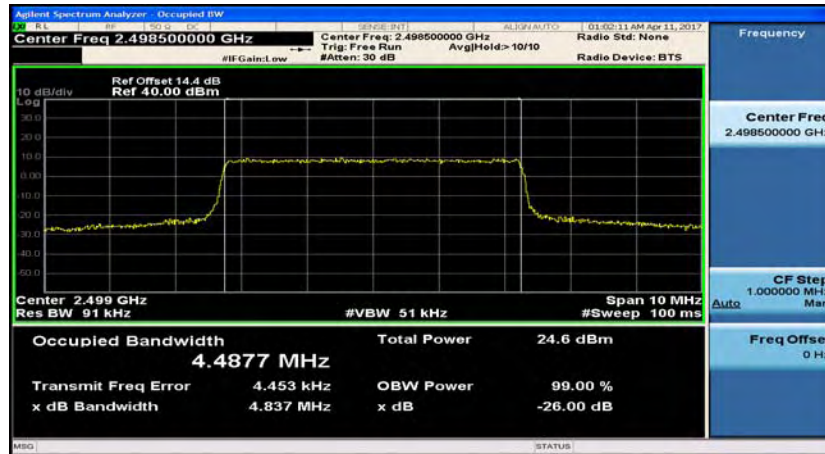


Band17_10MHz_16QAM_23800_50RB#0_8.9256_9.474_PASS

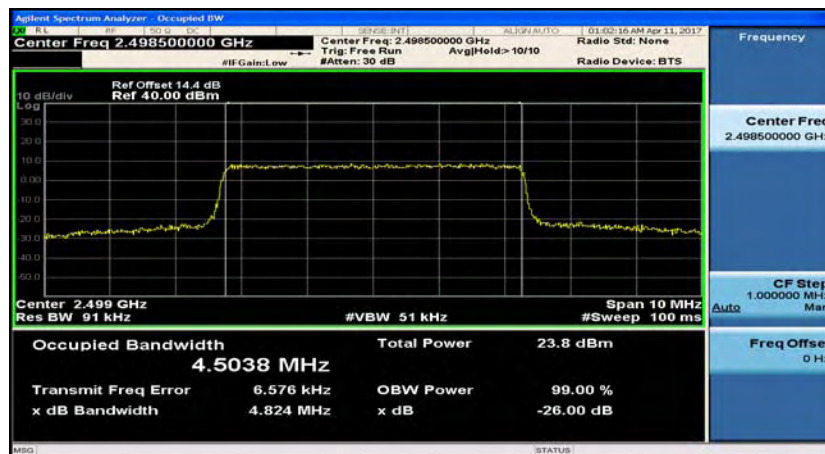




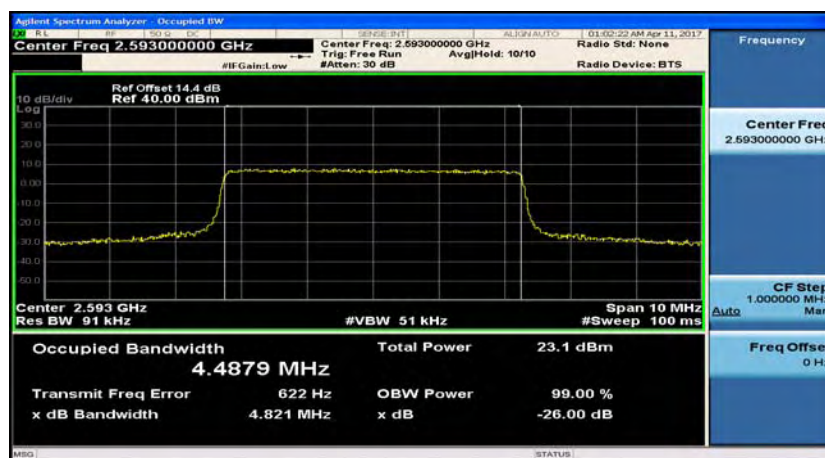
Band41_5MHz_QPSK_39675_25RB#0_4.4877_4.837_PASS



Band41_5MHz_16QAM_39675_25RB#0_4.5038_4.824_PASS

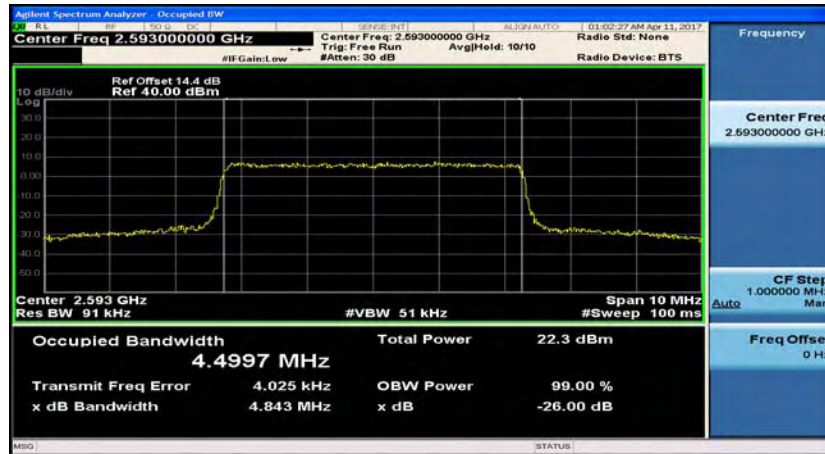


Band41_5MHz_QPSK_40620_25RB#0_4.4879_4.821_PASS

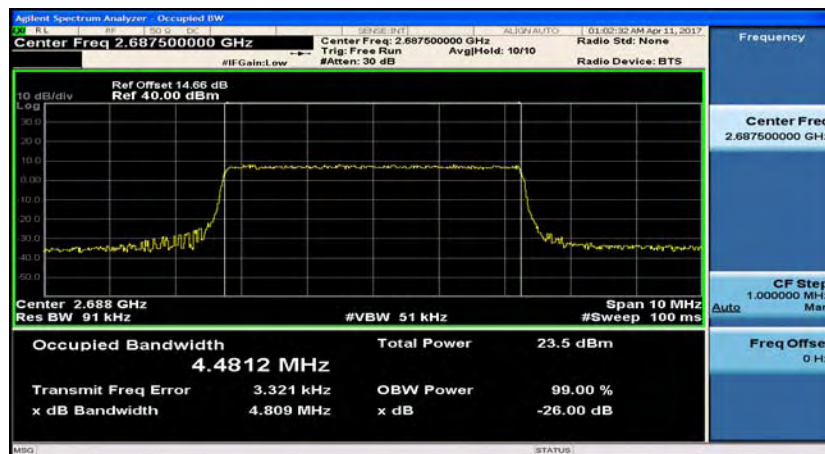




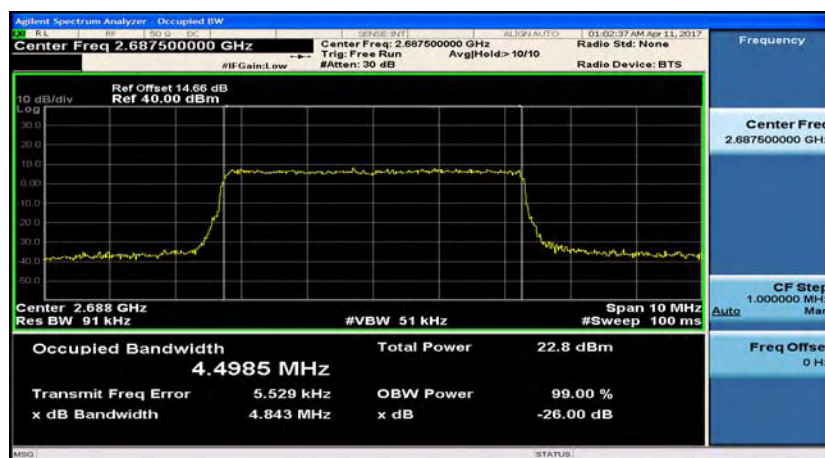
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Band41_5MHz_QPSK_41565_25RB#0_4.4812_4.809_PASS

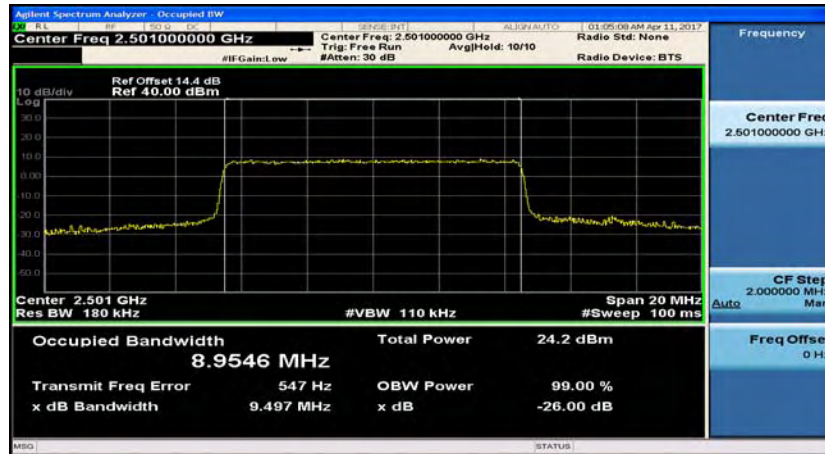


Band41_5MHz_16QAM_41565_25RB#0_4.4985_4.843_PASS

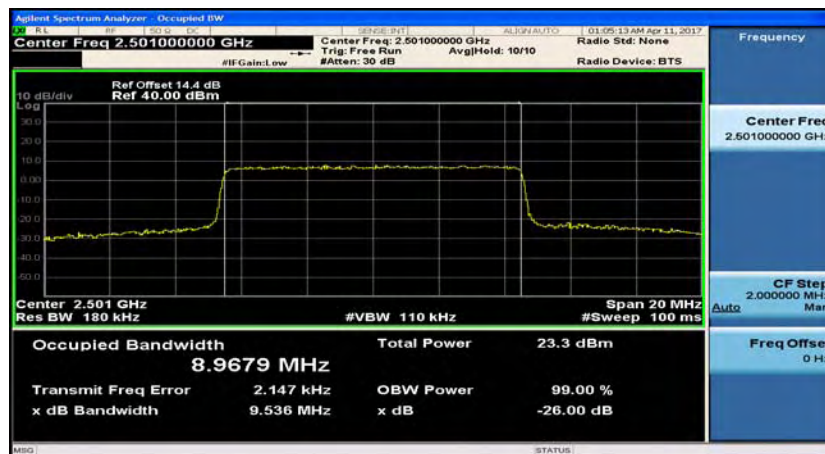




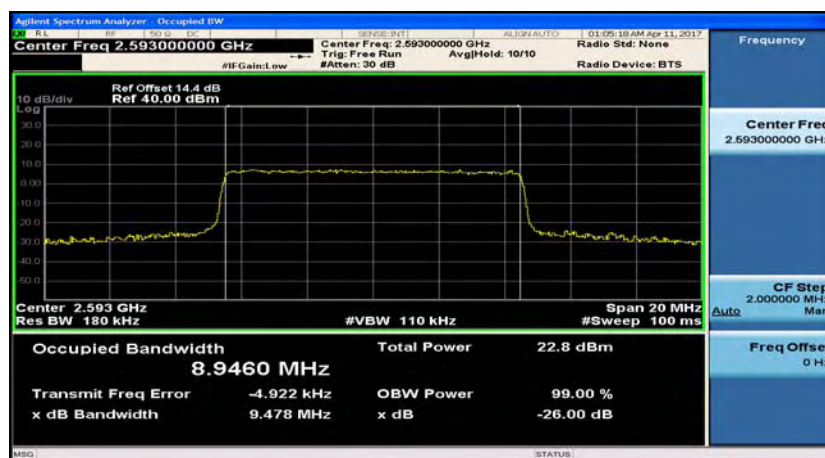
Band41_10MHz_QPSK_39700_50RB#0_8.9546_9.497_PASS



Band41_10MHz_16QAM_39700_50RB#0_8.9679_9.536_PASS

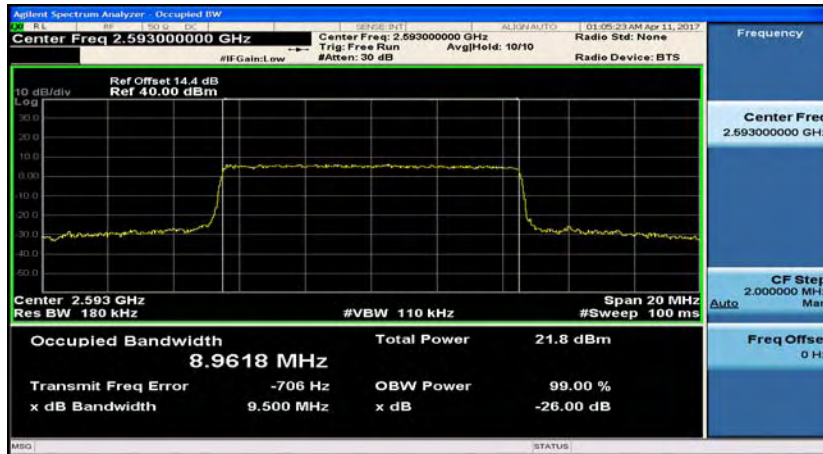


Band41_10MHz_QPSK_40620_50RB#0_8.9460_9.478_PASS

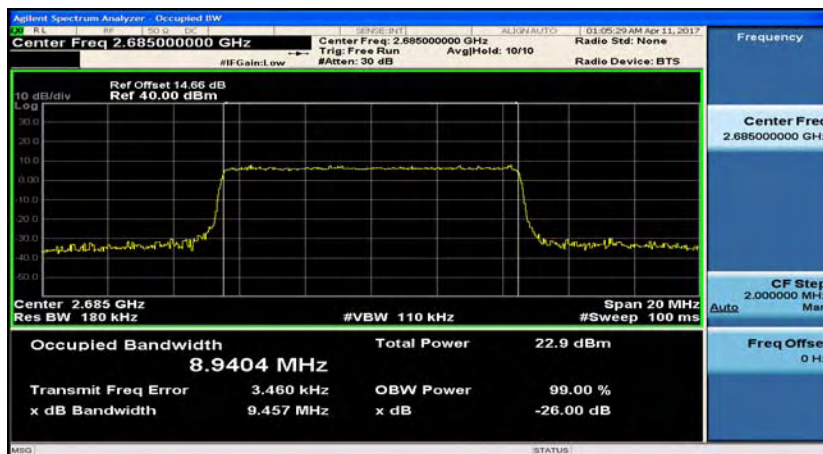




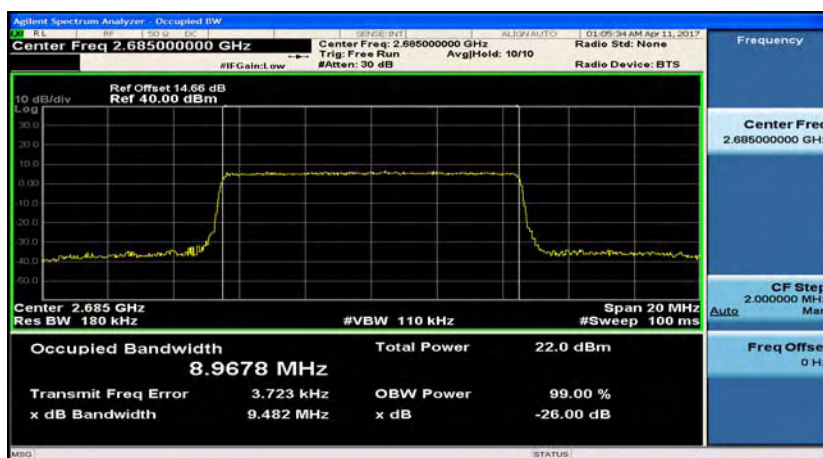
Band41_10MHz_16QAM_40620_50RB#0_8.9618_9.500_PASS



Band41_10MHz_QPSK_41540_50RB#0_8.9404_9.457_PASS

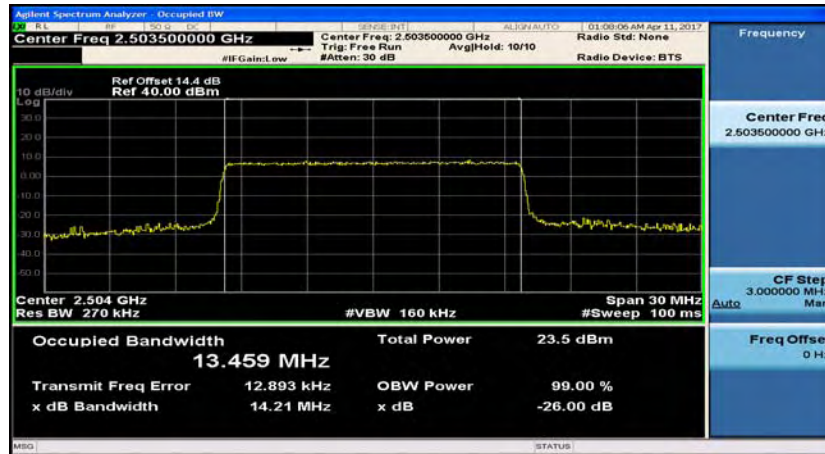


Band41_10MHz_16QAM_41540_50RB#0_8.9678_9.482_PASS

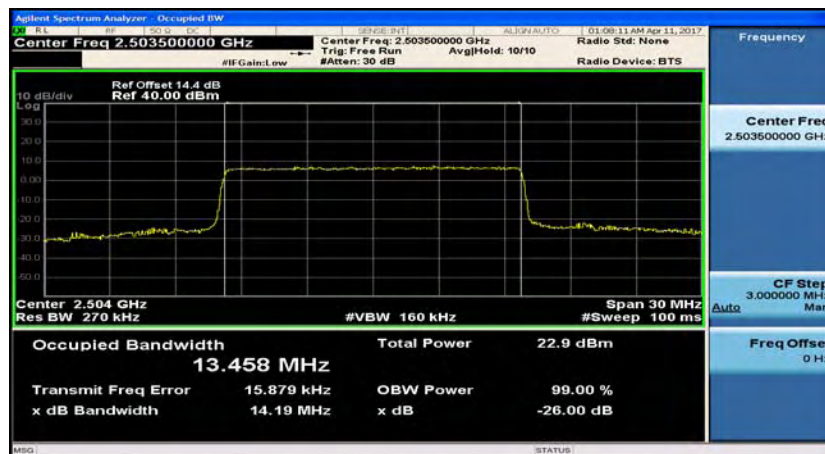




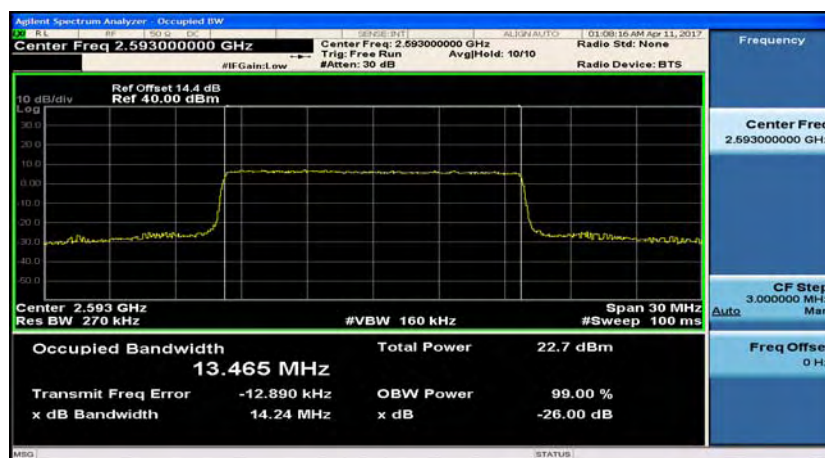
Band41_15MHz_QPSK_39725_75RB#0_13.459_14.21_PASS



Band41_15MHz_16QAM_39725_75RB#0_13.458_14.19_PASS

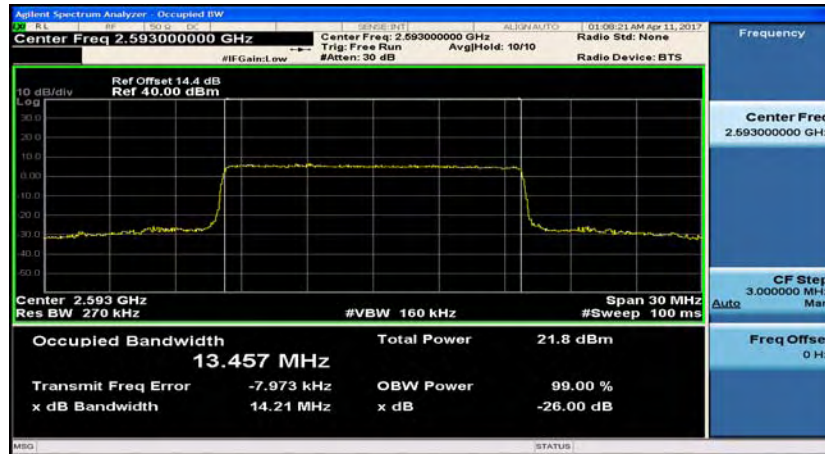


Band41_15MHz_QPSK_40620_75RB#0_13.465_14.24_PASS

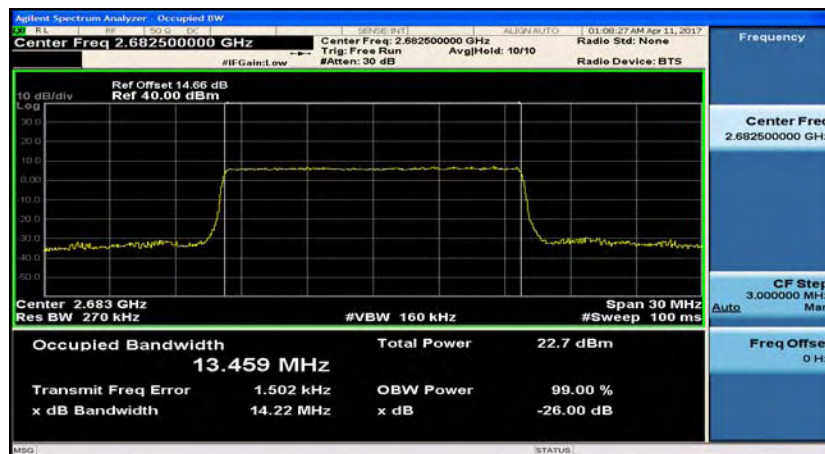




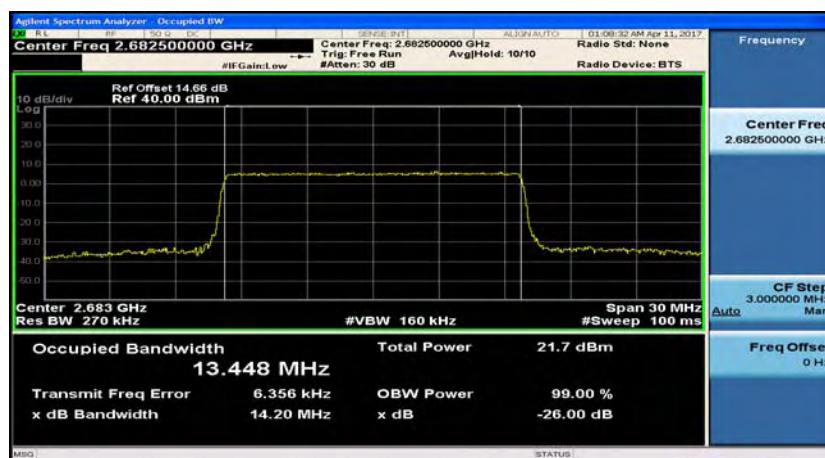
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Band41_15MHz_QPSK_41515_75RB#0_13.459_14.22_PASS

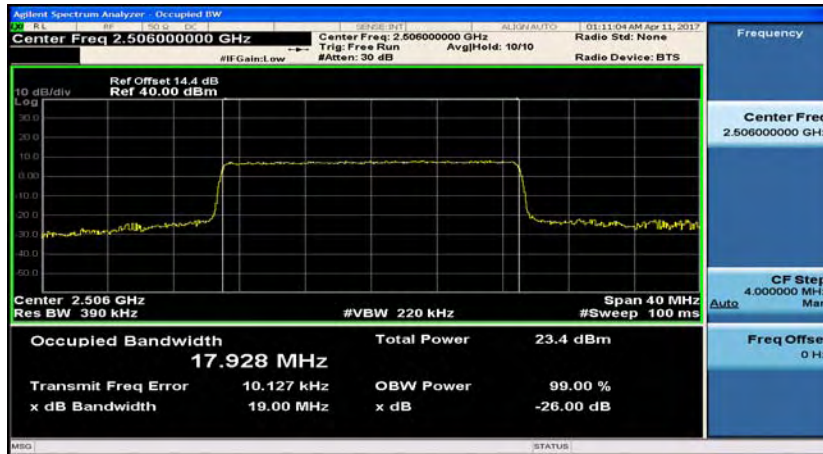


Band41_15MHz_16QAM_41515_75RB#0_13.448_14.20_PASS

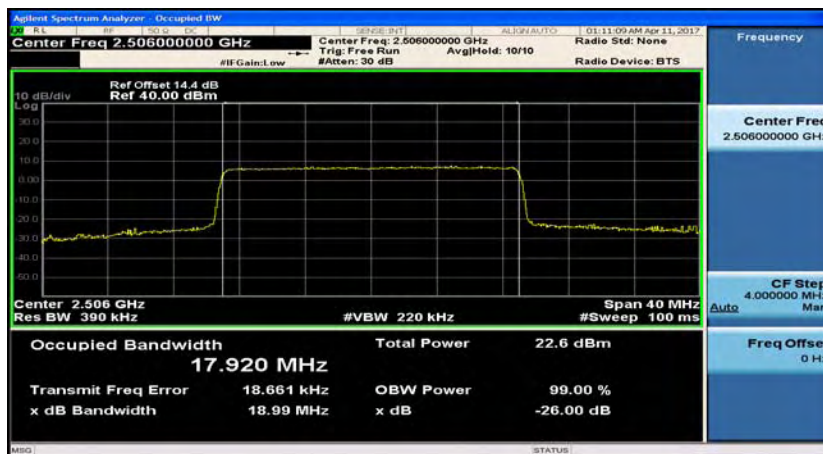




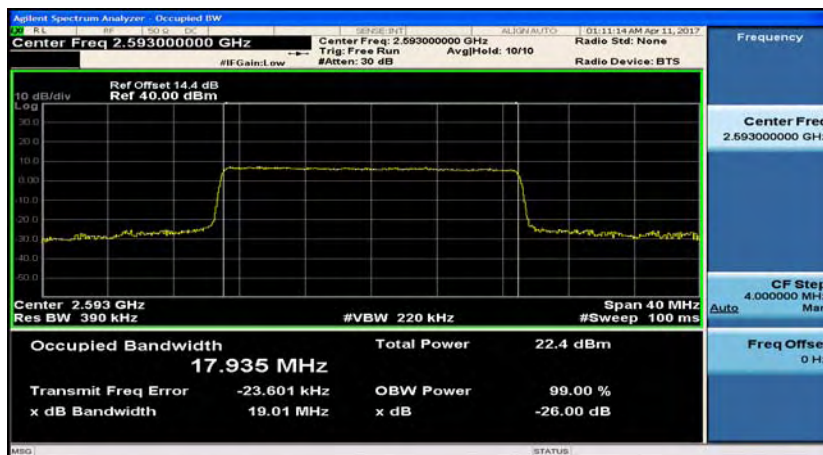
Band41_20MHz_QPSK_39750_100RB#0_17.928_19.00_PASS



Band41_20MHz_16QAM_39750_100RB#0_17.920_18.99_PASS

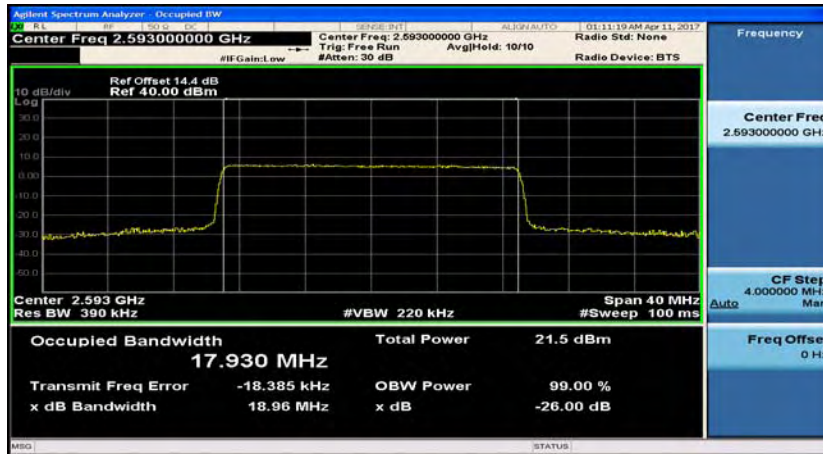


Band41_20MHz_QPSK_40620_100RB#0_17.935_19.01_PASS

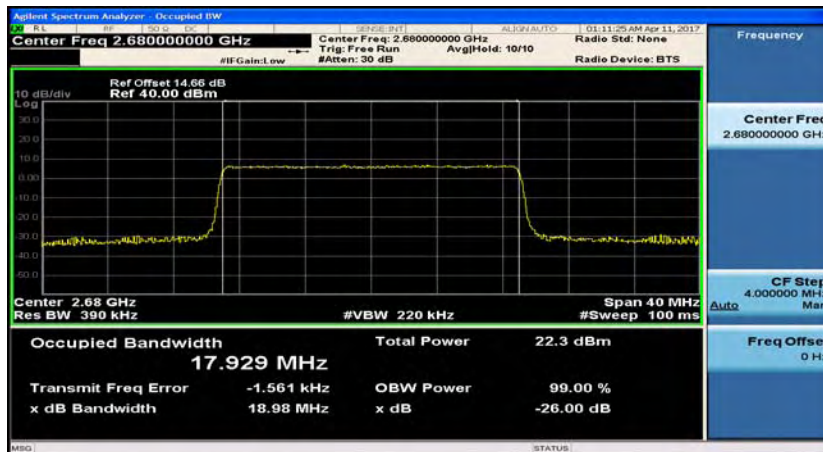




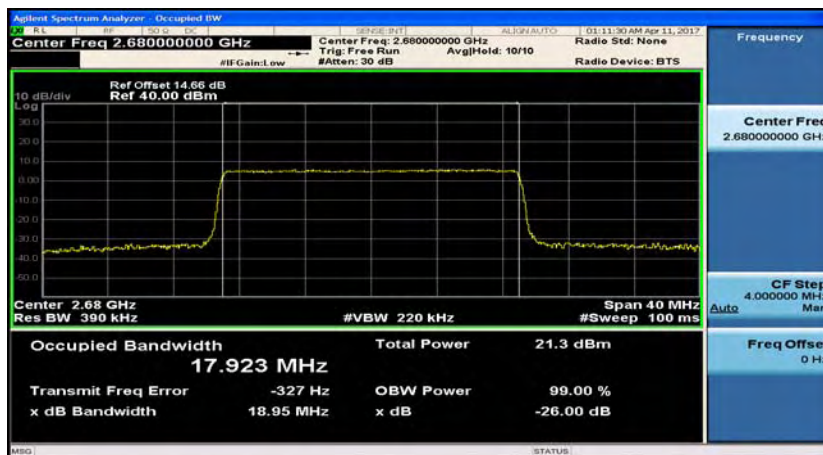
Band41_20MHz_16QAM_40620_100RB#0_17.930_18.96_PASS



Band41_20MHz_QPSK_41490_100RB#0_17.929_18.98_PASS



Band41_20MHz_16QAM_41490_100RB#0_17.923_18.95_PASS





Appendix E: Peak to Average Ratio

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
2	1.4MHz	QPSK	18900	6RB#0	4.99	13	Pass
2	1.4MHz	16QAM	18900	6RB#0	4.88	13	Pass
2	3MHz	QPSK	18900	15RB#0	4.81	13	Pass
2	3MHz	16QAM	18900	15RB#0	5.58	13	Pass
2	5MHz	QPSK	18900	25RB#0	4.75	13	Pass
2	5MHz	16QAM	18900	25RB#0	4.82	13	Pass
2	10MHz	QPSK	18900	50RB#0	4.66	13	Pass
2	10MHz	16QAM	18900	50RB#0	5.49	13	Pass
2	15MHz	QPSK	18900	75RB#0	4.75	13	Pass
2	15MHz	16QAM	18900	75RB#0	5.56	13	Pass
2	20MHz	QPSK	18900	100RB#0	4.86	13	Pass
2	20MHz	16QAM	18900	100RB#0	5.66	13	Pass
4	1.4MHz	QPSK	20175	6RB#0	4.89	13	Pass
4	1.4MHz	16QAM	20175	6RB#0	5.58	13	Pass
4	3MHz	QPSK	20175	15RB#0	4.80	13	Pass
4	3MHz	16QAM	20175	15RB#0	5.58	13	Pass
4	5MHz	QPSK	20175	25RB#0	4.67	13	Pass
4	5MHz	16QAM	20175	25RB#0	4.70	13	Pass
4	10MHz	QPSK	20175	50RB#0	4.66	13	Pass
4	10MHz	16QAM	20175	50RB#0	5.59	13	Pass
4	15MHz	QPSK	20175	75RB#0	4.81	13	Pass
4	15MHz	16QAM	20175	75RB#0	5.60	13	Pass
4	20MHz	QPSK	20175	100RB#0	4.87	13	Pass
4	20MHz	16QAM	20175	100RB#0	5.59	13	Pass



Band	Bandwidth	Modulation	Channel	RB Configuration	Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
5	1.4MHz	QPSK	20525	6RB#0	5.17	13	Pass
5	1.4MHz	16QAM	20525	6RB#0	6.04	13	Pass
5	3MHz	QPSK	20525	15RB#0	5.08	13	Pass
5	3MHz	16QAM	20525	15RB#0	5.97	13	Pass
5	5MHz	QPSK	20525	25RB#0	5.05	13	Pass
5	5MHz	16QAM	20525	25RB#0	5.82	13	Pass
5	10MHz	QPSK	20525	50RB#0	5.28	13	Pass
5	10MHz	16QAM	20525	50RB#0	5.99	13	Pass
7	5MHz	QPSK	21100	25RB#0	5.07	13	Pass
7	5MHz	16QAM	21100	25RB#0	6.06	13	Pass
7	10MHz	QPSK	21100	50RB#0	5.00	13	Pass
7	10MHz	16QAM	21100	50RB#0	6.00	13	Pass
7	15MHz	QPSK	21100	75RB#0	5.07	13	Pass
7	15MHz	16QAM	21100	75RB#0	5.88	13	Pass
7	20MHz	QPSK	21100	100RB#0	5.08	13	Pass
7	20MHz	16QAM	21100	100RB#0	6.03	13	Pass
17	5MHz	QPSK	23790	25RB#0	4.62	13	Pass
17	5MHz	16QAM	23790	25RB#0	5.50	13	Pass
17	10MHz	QPSK	23790	50RB#0	4.46	13	Pass
17	10MHz	16QAM	23790	50RB#0	5.30	13	Pass
41	5MHz	QPSK	40620	25RB#0	5.31	13	Pass
41	5MHz	16QAM	40620	25RB#0	8.49	13	Pass
41	10MHz	QPSK	40620	50RB#0	6.96	13	Pass
41	10MHz	16QAM	40620	50RB#0	8.29	13	Pass
41	15MHz	QPSK	40620	75RB#0	6.84	13	Pass
41	15MHz	16QAM	40620	75RB#0	7.01	13	Pass
41	20MHz	QPSK	40620	100RB#0	9.32	13	Pass
41	20MHz	16QAM	40620	100RB#0	5.36	13	Pass

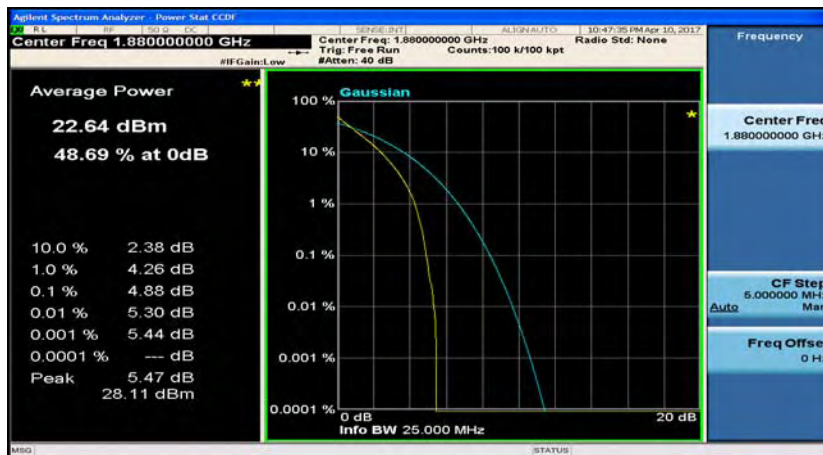


Test Graphs

Band2_1.4MHz_QPSK_18900_6RB#0_4.99_13_Pass



Band2_1.4MHz_16QAM_18900_6RB#0_4.88_13_Pass





Band2_3MHz_QPSK_18900_15RB#0_4.81_13_Pass

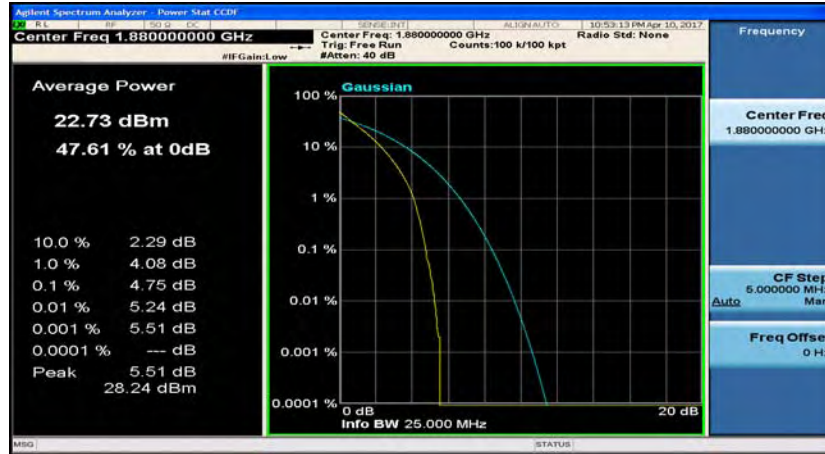


Band2_3MHz_16QAM_18900_15RB#0_5.58_13_Pass





Band2_5MHz_QPSK_18900_25RB#0_4.75_13_Pass

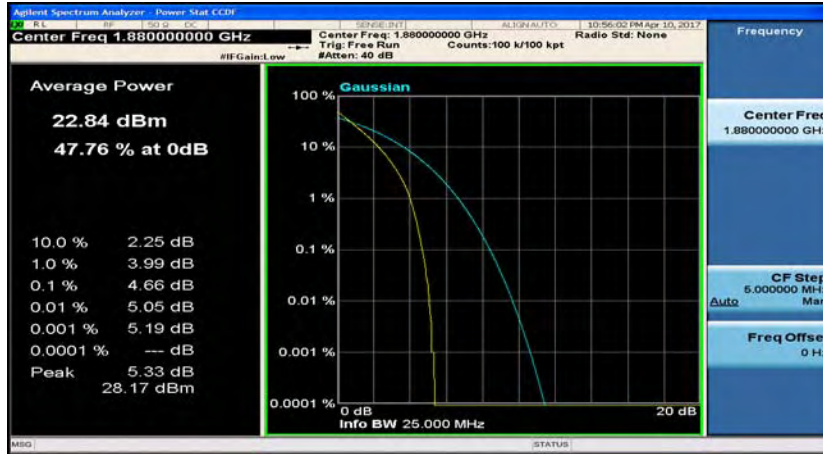


Band2_5MHz_16QAM_18900_25RB#0_4.82_13_Pass





Band2_10MHz_QPSK_18900_50RB#0_4.66_13_Pass

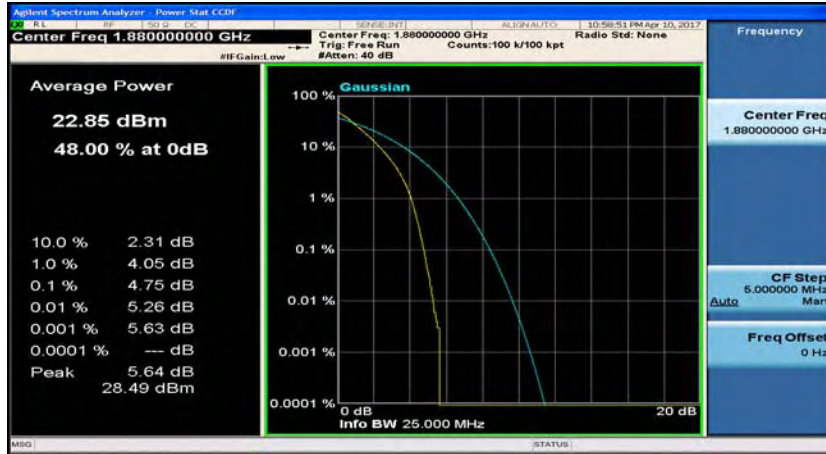


Band2_10MHz_16QAM_18900_50RB#0_5.49_13_Pass





Band2_15MHz_QPSK_18900_75RB#0_4.75_13_Pass



Band2_15MHz_16QAM_18900_75RB#0_5.56_13_Pass





Band2_20MHz_QPSK_18900_100RB#0_4.86_13_Pass

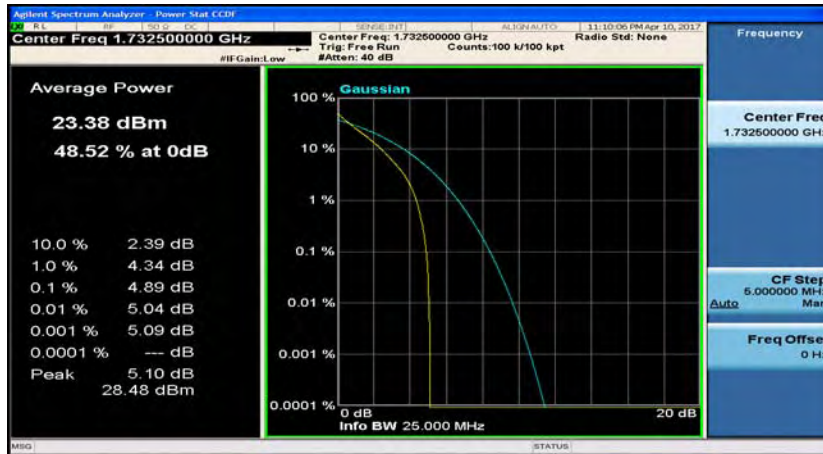


Band2_20MHz_16QAM_18900_100RB#0_5.66_13_Pass





Band4_1.4MHz_QPSK_20175_6RB#0_4.89_13_Pass

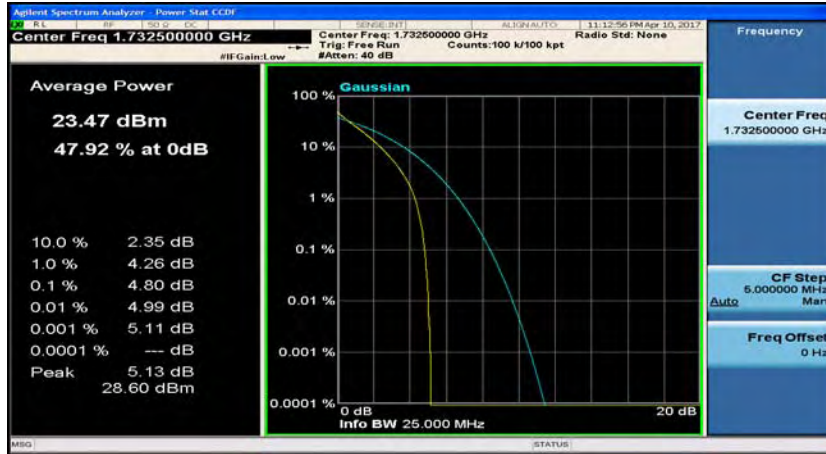


Band4_1.4MHz_16QAM_20175_6RB#0_5.58_13_Pass





Band4_3MHz_QPSK_20175_15RB#0_4.80_13_Pass

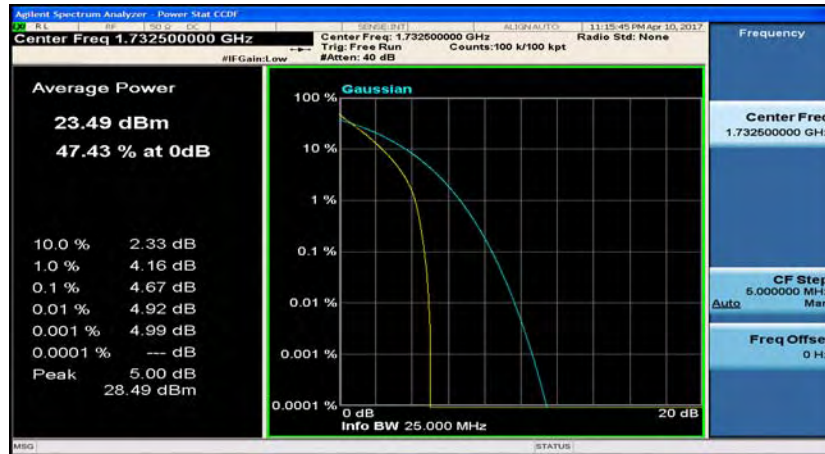


Band4_3MHz_16QAM_20175_15RB#0_5.58_13_Pass





Band4_5MHz_QPSK_20175_25RB#0_4.67_13_Pass

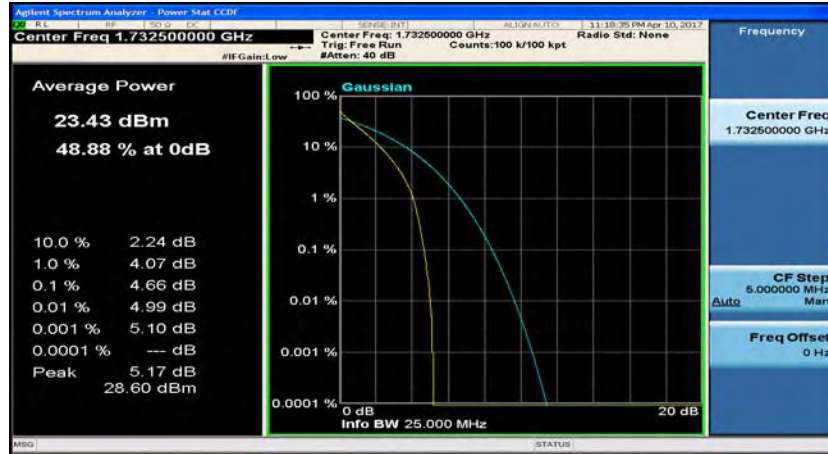


Band4_5MHz_16QAM_20175_25RB#0_4.70_13_Pass





Band4_10MHz_QPSK_20175_50RB#0_4.66_13_Pass

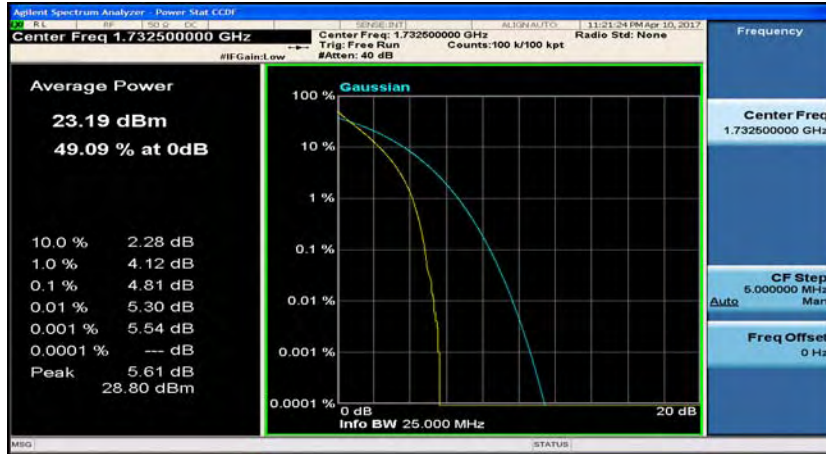


Band4_10MHz_16QAM_20175_50RB#0_5.59_13_Pass





Band4_15MHz_QPSK_20175_75RB#0_4.81_13_Pass

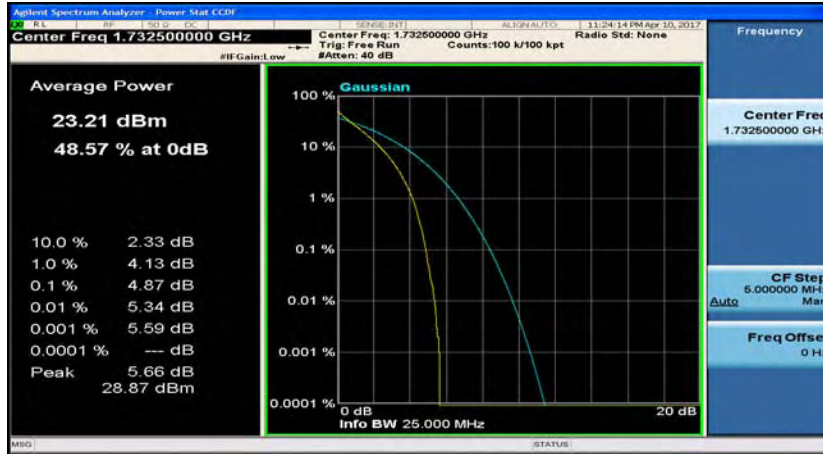


Band4_15MHz_16QAM_20175_75RB#0_5.60_13_Pass





Band4_20MHz_QPSK_20175_100RB#0_4.87_13_Pass

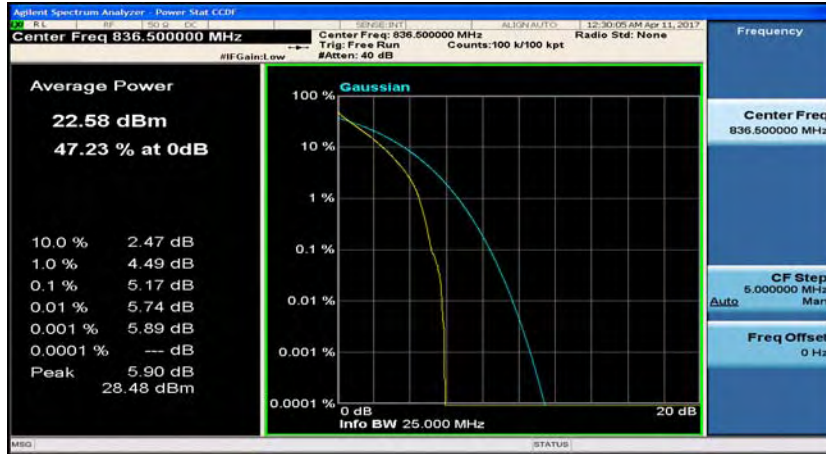


Band4_20MHz_16QAM_20175_100RB#0_5.59_13_Pass





Band5_1.4MHz_QPSK_20525_6RB#0_5.17_13_Pass

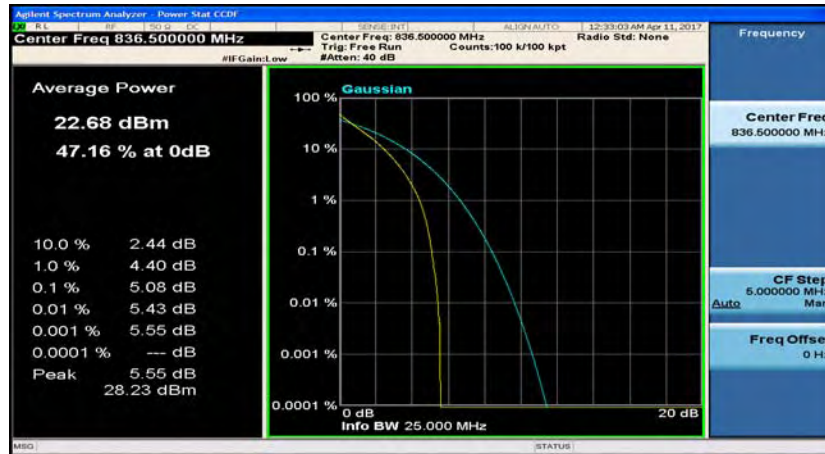


Band5_1.4MHz_16QAM_20525_6RB#0_6.04_13_Pass





Band5_3MHz_QPSK_20525_15RB#0_5.08_13_Pass

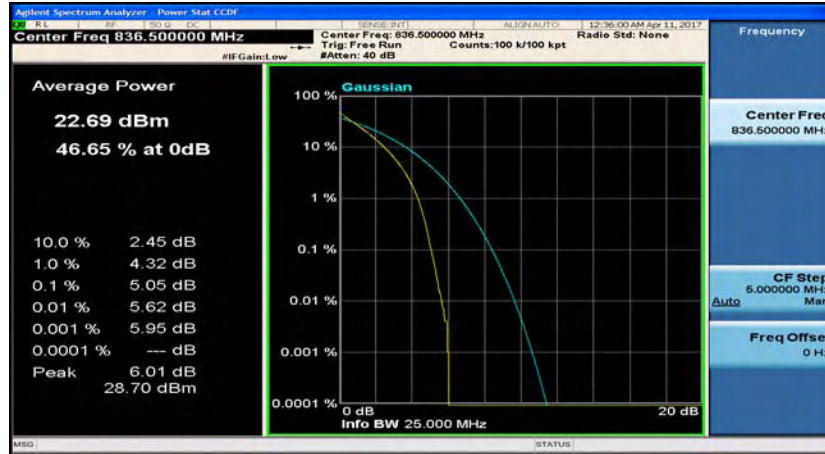


Band5_3MHz_16QAM_20525_15RB#0_5.97_13_Pass





Band5_5MHz_QPSK_20525_25RB#0_5.05_13_Pass

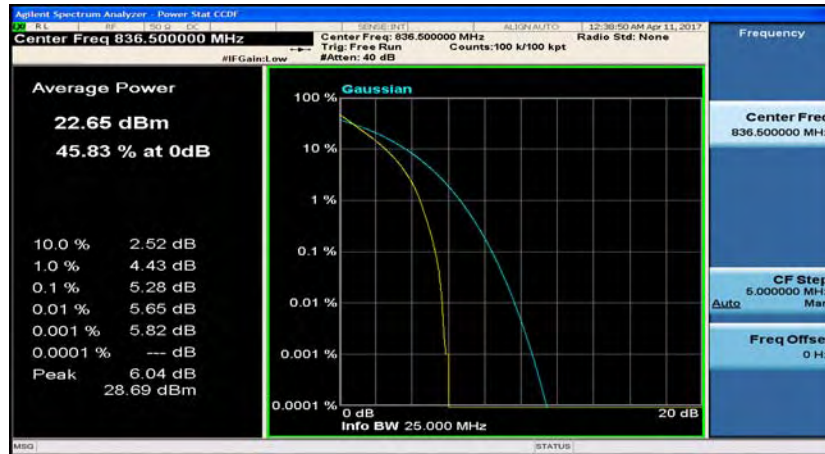


Band5_5MHz_16QAM_20525_25RB#0_5.82_13_Pass





Band5_10MHz_QPSK_20525_50RB#0_5.28_13_Pass

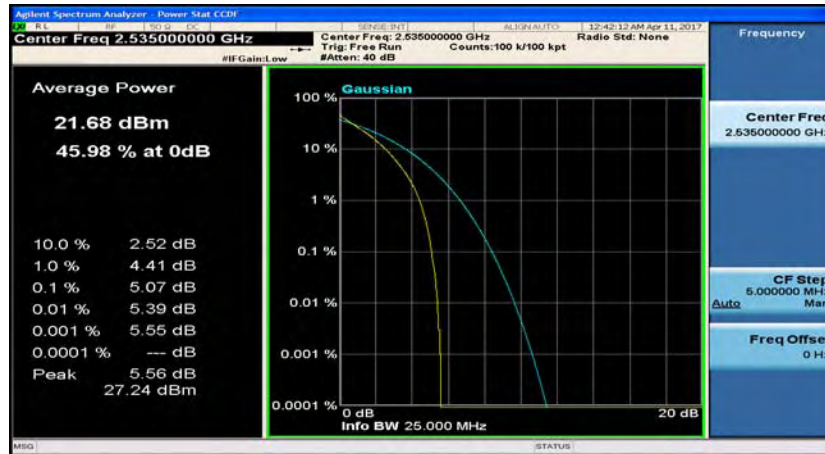


Band5_10MHz_16QAM_20525_50RB#0_5.99_13_Pass





Band7_5MHz_QPSK_21100_25RB#0_5.07_13_Pass



Band7_5MHz_16QAM_21100_25RB#0_6.06_13_Pass





Band7_10MHz_QPSK_21100_50RB#0_5.00_13_Pass

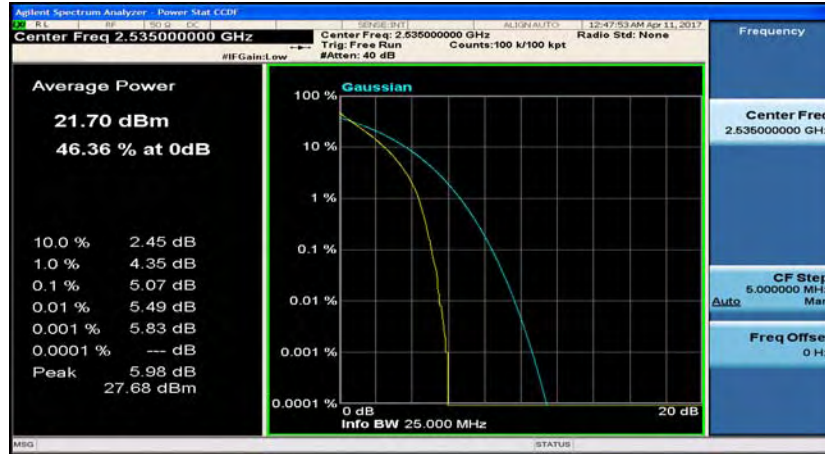


Band7_10MHz_16QAM_21100_50RB#0_6.00_13_Pass





Band7_15MHz_QPSK_21100_75RB#0_5.07_13_Pass

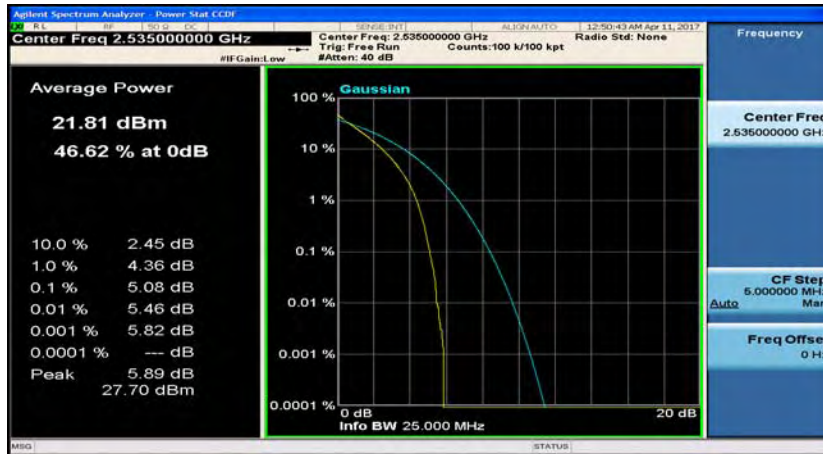


Band7_15MHz_16QAM_21100_75RB#0_5.88_13_Pass





Band7_20MHz_QPSK_21100_100RB#0_5.08_13_Pass

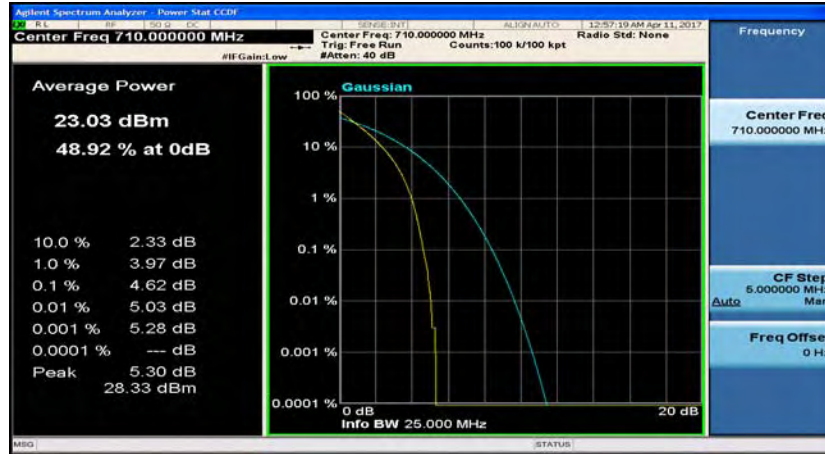


Band7_20MHz_16QAM_21100_100RB#0_6.03_13_Pass





Band17_5MHz_QPSK_23790_25RB#0_4.62_13_Pass

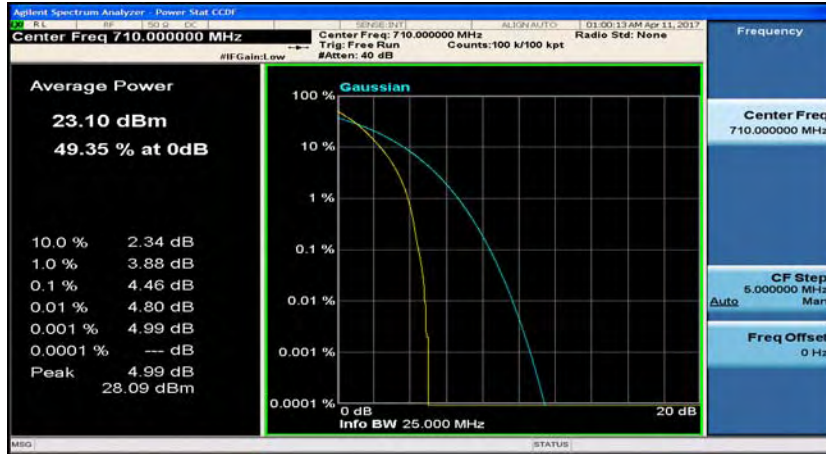


Band17_5MHz_16QAM_23790_25RB#0_5.50_13_Pass





Band17_10MHz_QPSK_23790_50RB#0_4.46_13_Pass



Band17_10MHz_16QAM_23790_50RB#0_5.30_13_Pass





Band41_5MHz_QPSK_40620_25RB#0_5.31_13_Pass

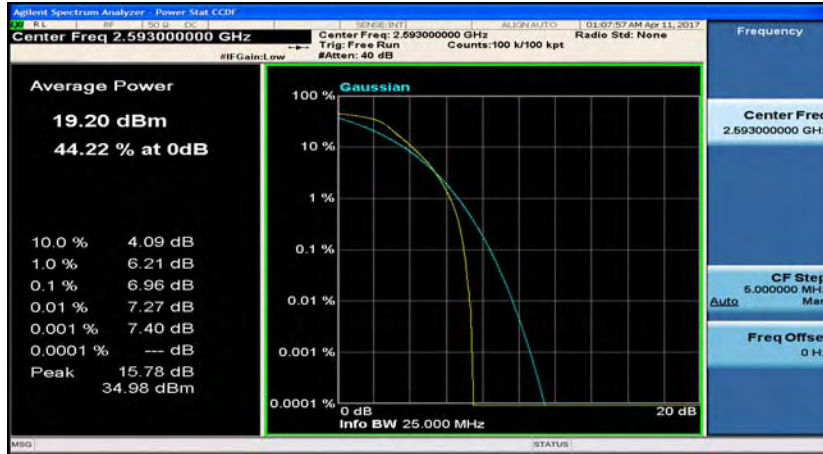


Band41_5MHz_16QAM_40620_25RB#0_8.49_13_Pass





Band41_10MHz_QPSK_40620_50RB#0_6.96_13_Pass

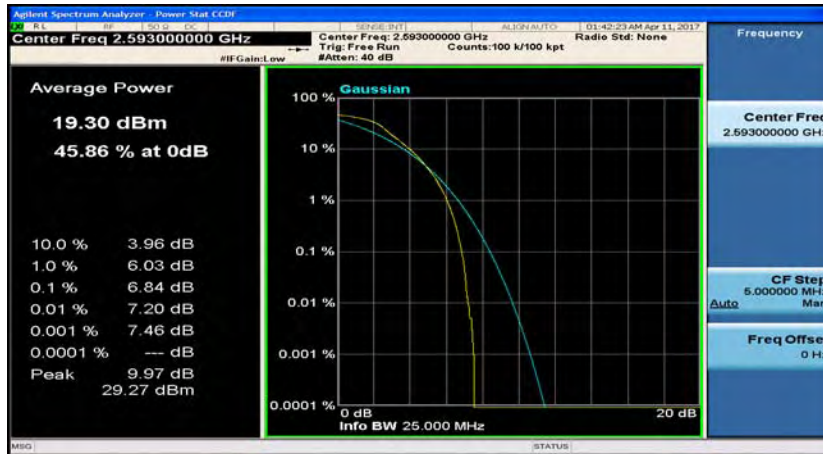


Band41_10MHz_16QAM_40620_50RB#0_8.29_13_Pass





Band41_15MHz_QPSK_40620_75RB#0_6.84_13_Pass

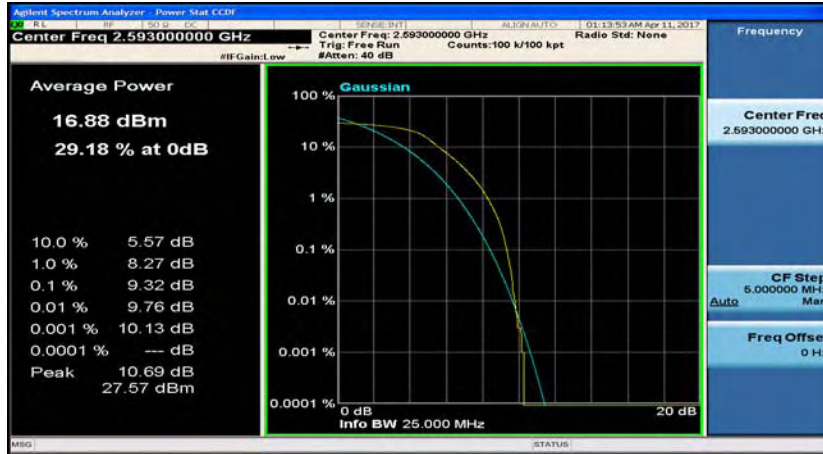


Band41_15MHz_16QAM_40620_75RB#0_7.01_13_Pass





Band41_20MHz_QPSK_40620_100RB#0_9.32_13_Pass



Band41_20MHz_16QAM_40620_100RB#0_5.36_13_Pass





Appendix F: Band Edge

Test Graphs

Band2_1.4MHz_QPSK_18607_6RB#0_1849.927MHz@-22.608dBm_PASS



Band2_1.4MHz_16QAM_18607_6RB#0_1849.930MHz@-22.926dBm_PASS





Band2_1.4MHz_QPSK_19193_6RB#0_1910.013MHz@-20.152dBm_PASS



Band2_1.4MHz_16QAM_19193_6RB#0_1910.063MHz@-22.239dBm_PASS





Band2_3MHz_QPSK_18615_15RB#0_1849.987MHz@-21.309dBm_PASS



Band2_3MHz_16QAM_18615_15RB#0_1850.000MHz@-22.671dBm_PASS





Band2_3MHz_QPSK_19185_15RB#0_1910.000MHz@-19.229dBm_PASS



Band2_3MHz_16QAM_19185_15RB#0_1910.007MHz@-22.031dBm_PASS

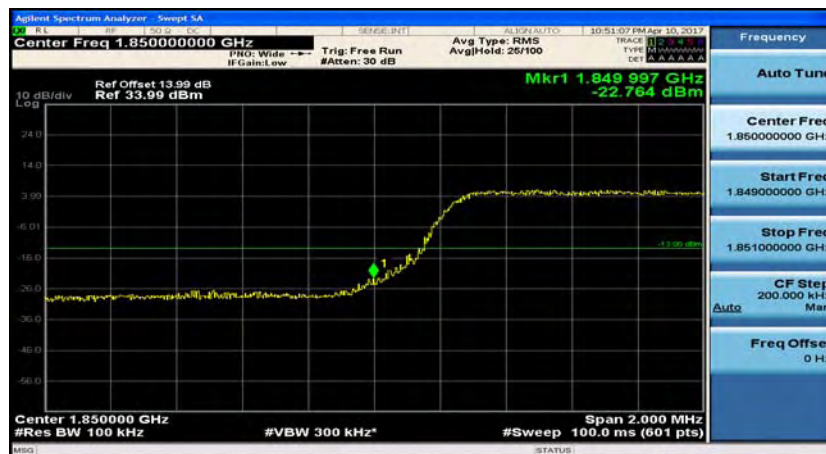




Band2_5MHz_QPSK_18625_25RB#0_1850.000MHz@-22.716dBm_PASS

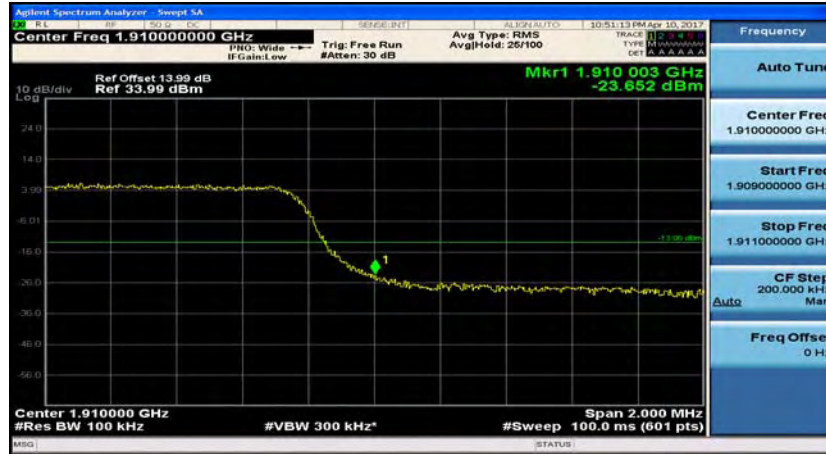


Band2_5MHz_16QAM_18625_25RB#0_1849.997MHz@-22.764dBm_PASS





Band2_5MHz_QPSK_19175_25RB#0_1910.003MHz@-23.652dBm_PASS



Band2_5MHz_16QAM_19175_25RB#0_1910.007MHz@-23.870dBm_PASS

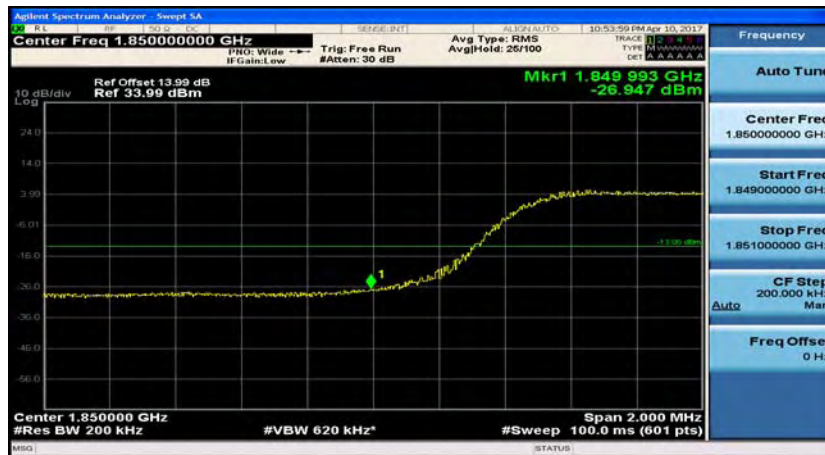




Band2_10MHz_QPSK_18650_50RB#0_1849.983MHz@-24.861dBm_PASS

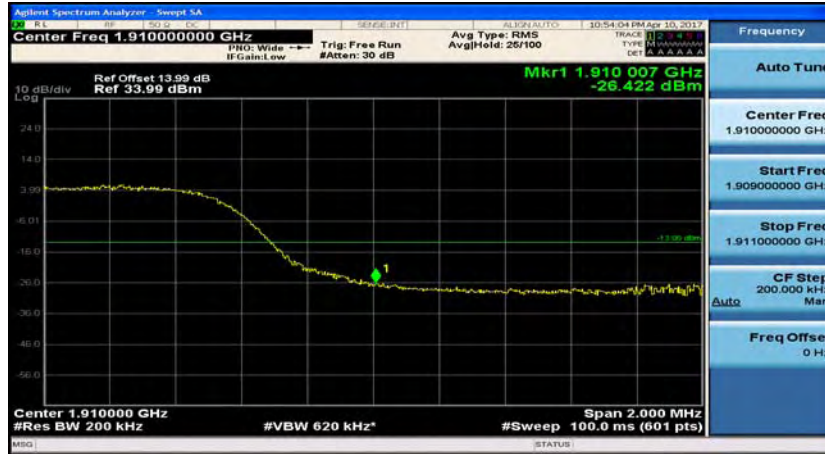


Band2_10MHz_16QAM_18650_50RB#0_1849.993MHz@-26.947dBm_PASS

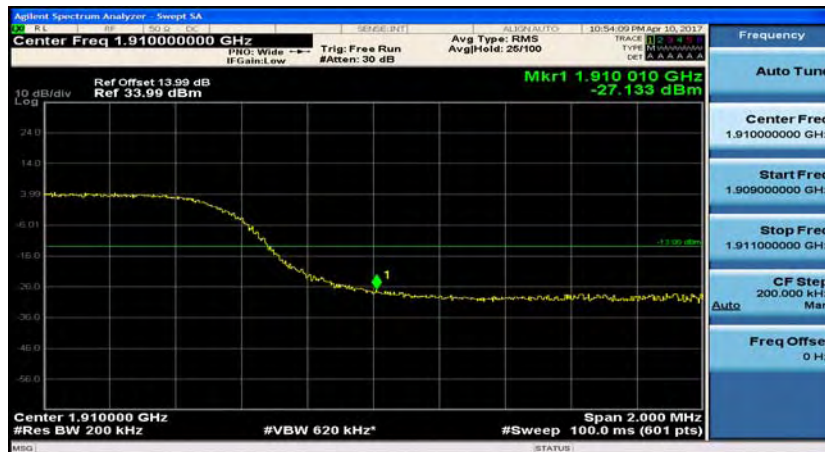




Band2_10MHz_QPSK_19150_50RB#0_1910.007MHz@-26.422dBm_PASS



Band2_10MHz_16QAM_19150_50RB#0_1910.010MHz@-27.133dBm_PASS

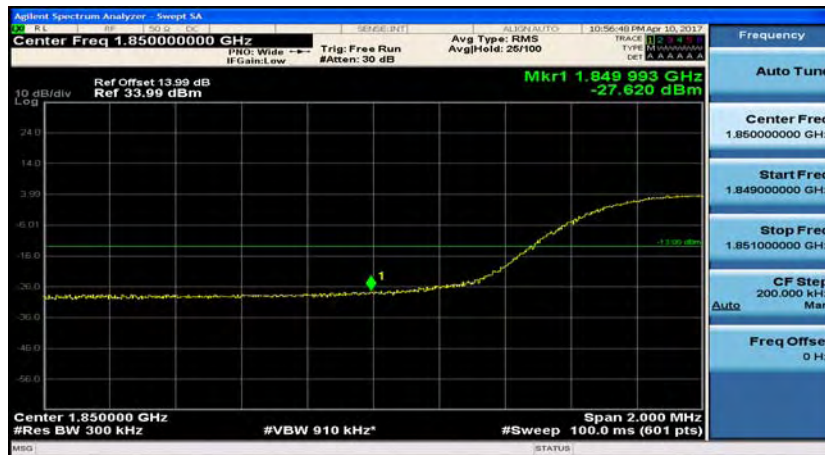




Band2_15MHz_QPSK_18675_75RB#0_1849.923MHz@-26.042dBm_PASS

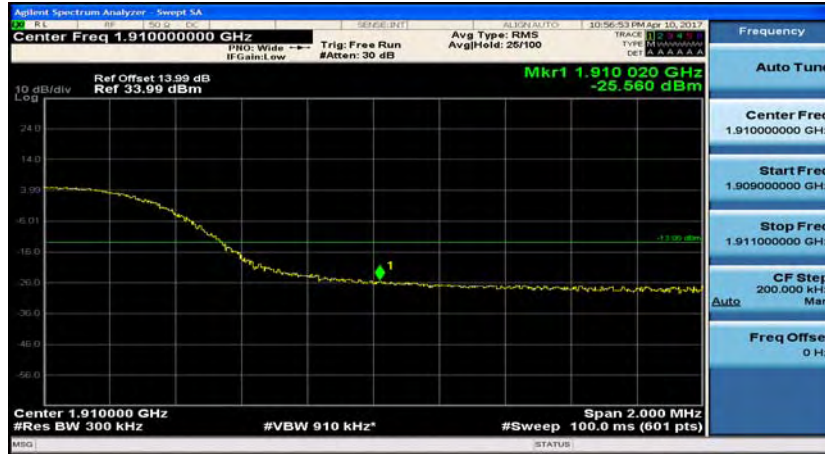


Band2_15MHz_16QAM_18675_75RB#0_1849.993MHz@-27.620dBm_PASS

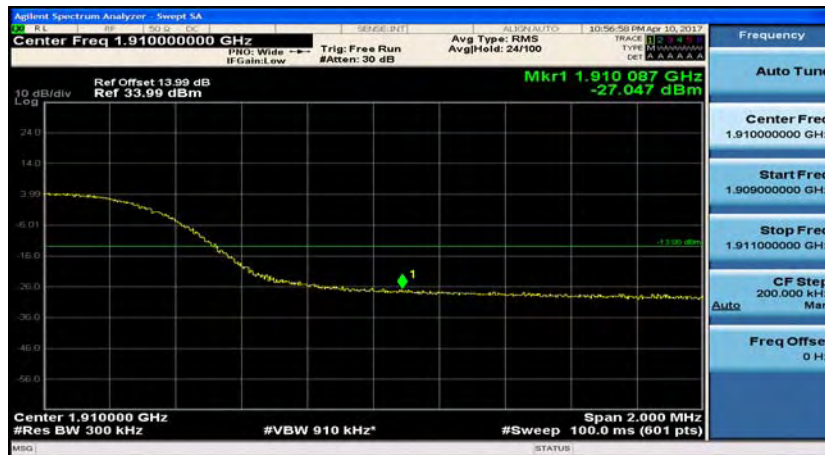




Band2_15MHz_QPSK_19125_75RB#0_1910.020MHz@-25.560dBm_PASS



Band2_15MHz_16QAM_19125_75RB#0_1910.087MHz@-27.047dBm_PASS





Band2_20MHz_QPSK_18700_100RB#0_1849.990MHz@-27.695dBm_PASS

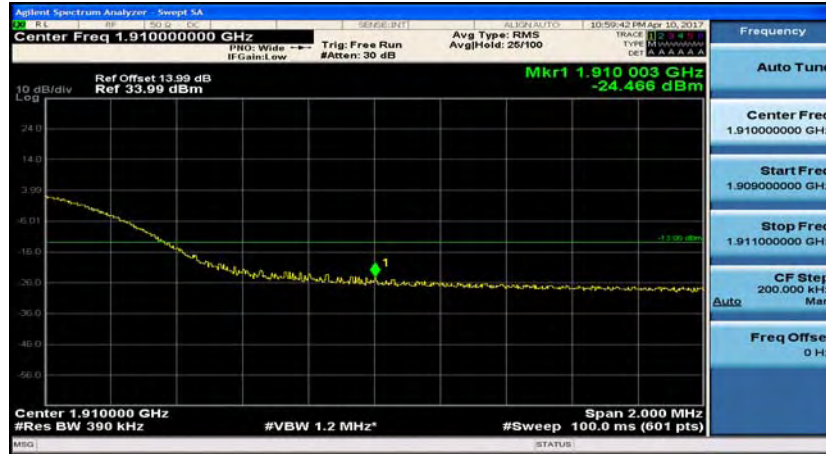


Band2_20MHz_16QAM_18700_100RB#0_1850.000MHz@-28.908dBm_PASS





Band2_20MHz_QPSK_19100_100RB#0_1910.003MHz@-24.466dBm_PASS



Band2_20MHz_16QAM_19100_100RB#0_1910.423MHz@-26.701dBm_PASS





Band4_1.4MHz_QPSK_19957_6RB#0_1709.990MHz@-23.227dBm_PASS



Band4_1.4MHz_16QAM_19957_6RB#0_1709.933MHz@-22.797dBm_PASS





Band4_1.4MHz_QPSK_20393_6RB#0_1755.010MHz@-21.082dBm_PASS



Band4_1.4MHz_16QAM_20393_6RB#0_1755.040MHz@-22.136dBm_PASS

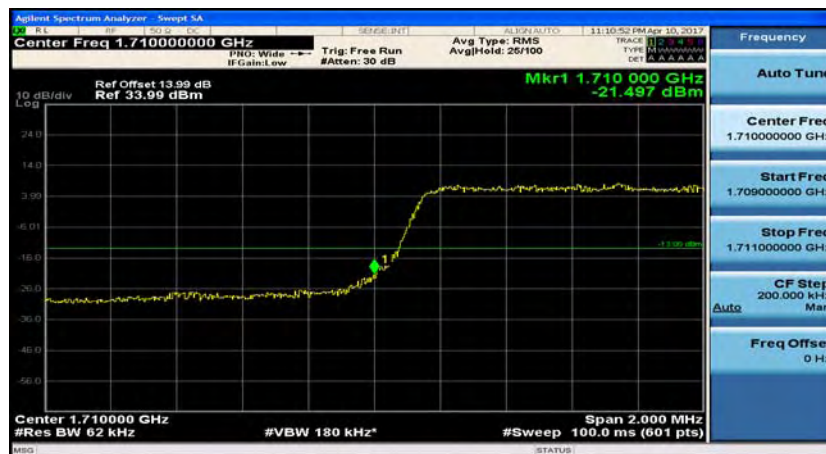




Band4_3MHz_QPSK_19965_15RB#0_1709.997MHz@-21.129dBm_PASS



Band4_3MHz_16QAM_19965_15RB#0_1710.000MHz@-21.497dBm_PASS





Band4_3MHz_QPSK_20385_15RB#0_1755.007MHz@-17.729dBm_PASS



Band4_3MHz_16QAM_20385_15RB#0_1755.000MHz@-18.990dBm_PASS





Band4_5MHz_QPSK_19975_25RB#0_1709.997MHz@-22.157dBm_PASS



Band4_5MHz_16QAM_19975_25RB#0_1709.963MHz@-22.722dBm_PASS





Band4_5MHz_QPSK_20375_25RB#0_1755.007MHz@-20.605dBm_PASS



Band4_5MHz_16QAM_20375_25RB#0_1755.007MHz@-20.761dBm_PASS





Band4_10MHz_QPSK_20000_50RB#0_1709.997MHz@-23.439dBm_PASS

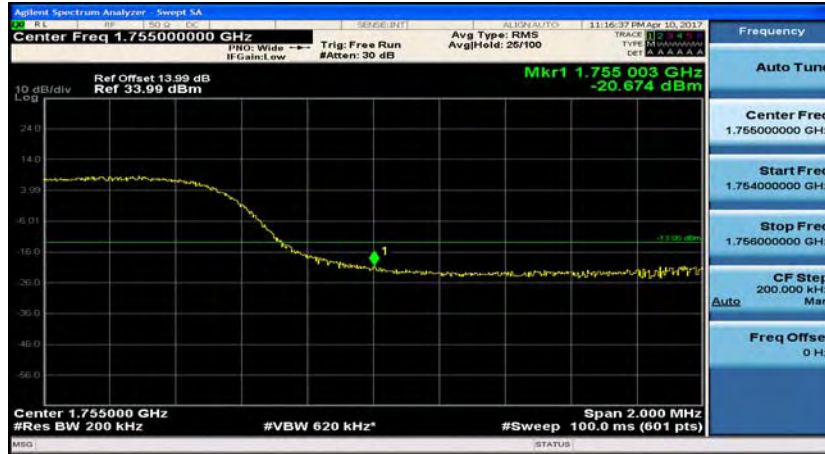


Band4_10MHz_16QAM_20000_50RB#0_1709.993MHz@-25.963dBm_PASS

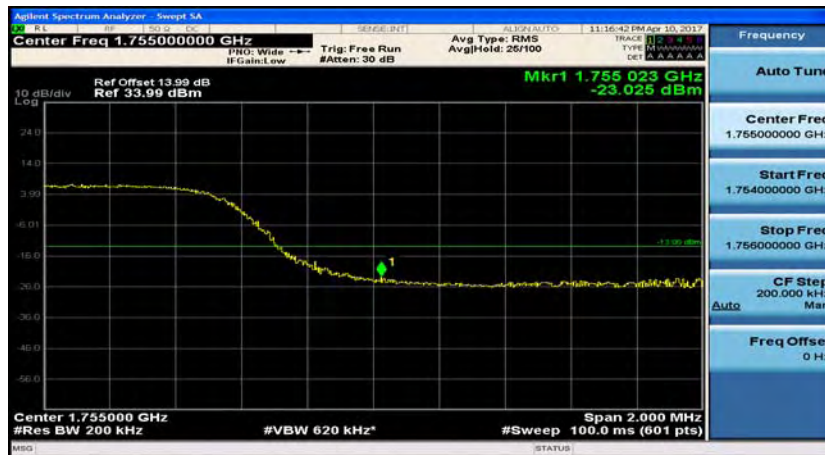




Band4_10MHz_QPSK_20350_50RB#0_1755.003MHz@-20.674dBm_PASS



Band4_10MHz_16QAM_20350_50RB#0_1755.023MHz@-23.025dBm_PASS





Band4_15MHz_QPSK_20025_75RB#0_1709.973MHz@-25.362dBm_PASS

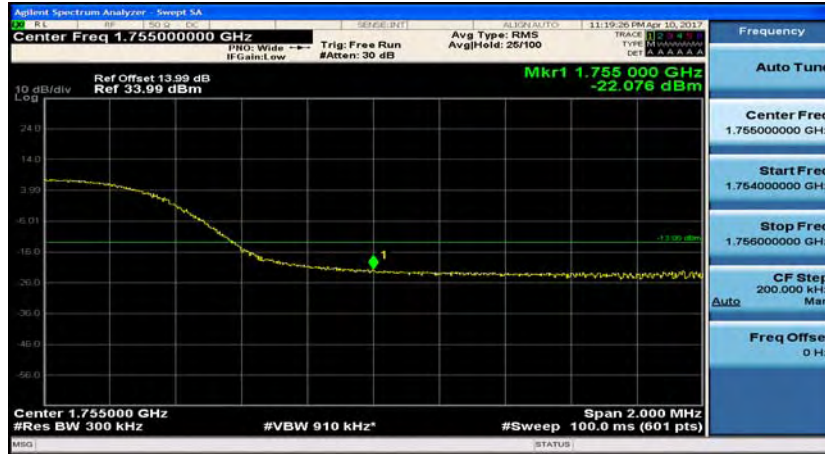


Band4_15MHz_16QAM_20025_75RB#0_1709.993MHz@-26.821dBm_PASS

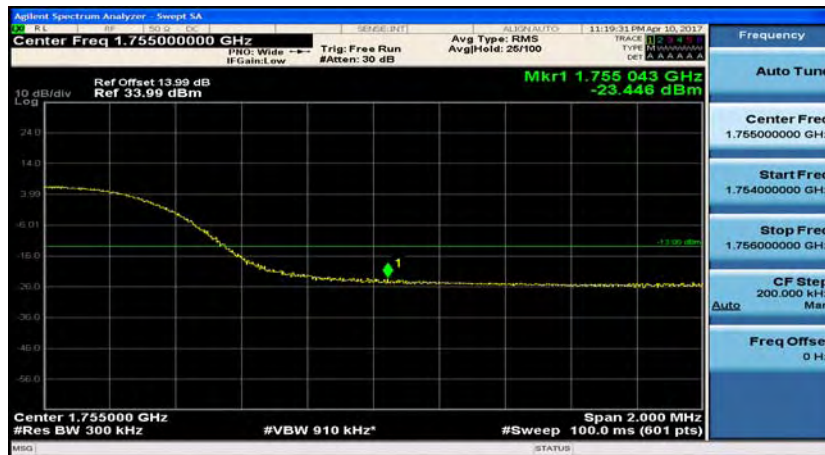




Band4_15MHz_QPSK_20325_75RB#0_1755.000MHz@-22.076dBm_PASS



Band4_15MHz_16QAM_20325_75RB#0_1755.043MHz@-23.446dBm_PASS





Band4_20MHz_QPSK_20050_100RB#0_1709.970MHz@-25.957dBm_PASS

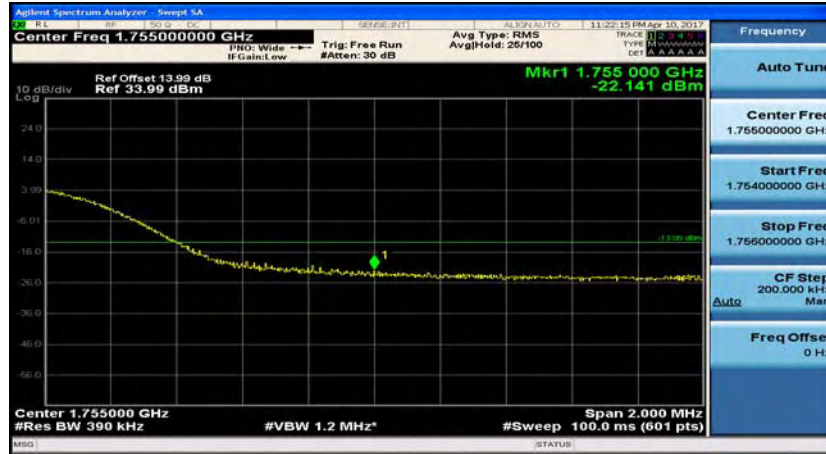


Band4_20MHz_16QAM_20050_100RB#0_1709.990MHz@-27.467dBm_PASS





Band4_20MHz_QPSK_20300_100RB#0_1755.000MHz@-22.141dBm_PASS

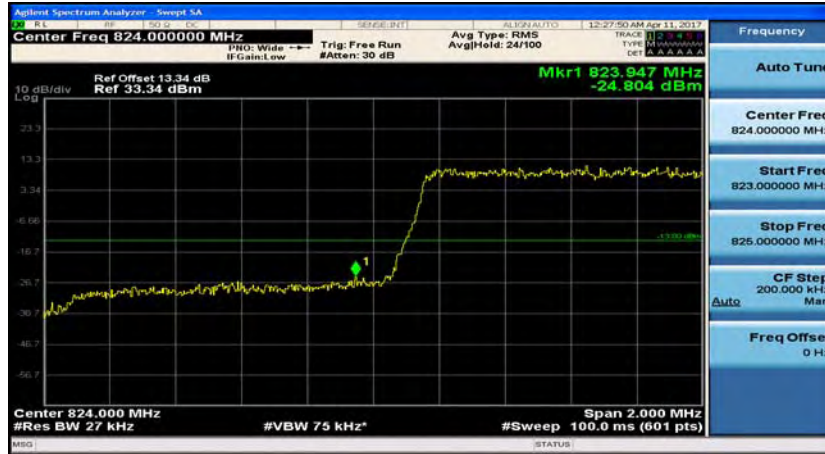


Band4_20MHz_16QAM_20300_100RB#0_1755.420MHz@-24.370dBm_PASS

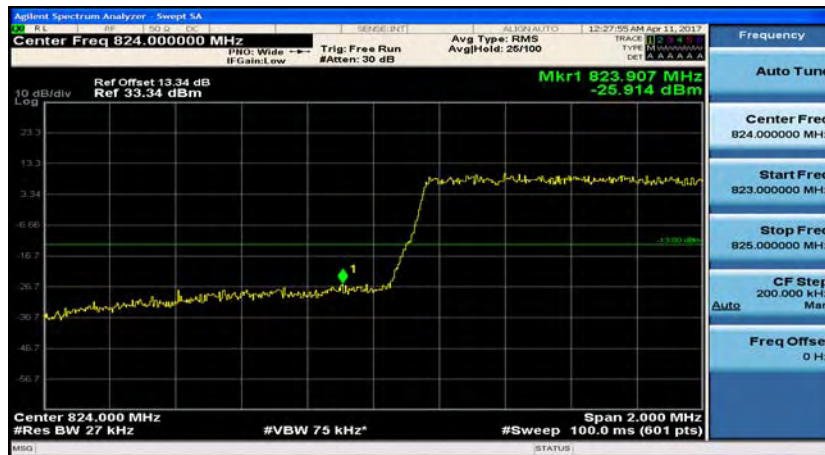




Band5_1.4MHz_QPSK_20407_6RB#0_823.947MHz@-24.804dBm_PASS



Band5_1.4MHz_16QAM_20407_6RB#0_823.907MHz@-25.914dBm_PASS





Band5_1.4MHz_QPSK_20643_6RB#0_849.090MHz@-24.280dBm_PASS



Band5_1.4MHz_16QAM_20643_6RB#0_849.057MHz@-24.580dBm_PASS





Band5_3MHz_QPSK_20415_15RB#0_824.000MHz@-20.336dBm_PASS



Band5_3MHz_16QAM_20415_15RB#0_824.000MHz@-19.961dBm_PASS





Band5_3MHz_QPSK_20635_15RB#0_849.000MHz@-18.239dBm_PASS



Band5_3MHz_16QAM_20635_15RB#0_849.003MHz@-21.203dBm_PASS

