

# FCC LTE Band41 Test Data

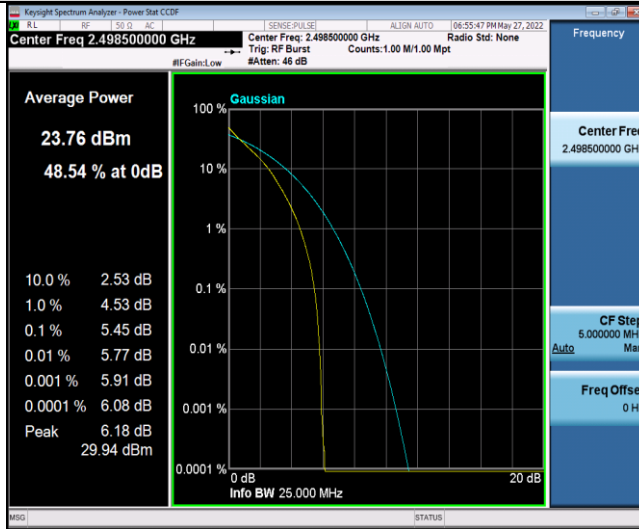
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

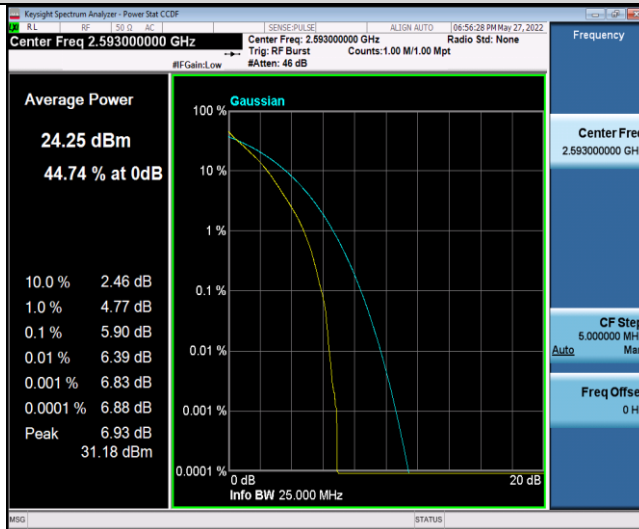
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.45	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.90	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.46	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.44	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.93	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.65	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.34	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.75	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.42	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.16	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.53	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.45	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.71	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.04	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.80	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.35	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.56	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.39	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.63	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.70	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.56	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.33	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.45	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.31	13	PASS

### Test Graphs

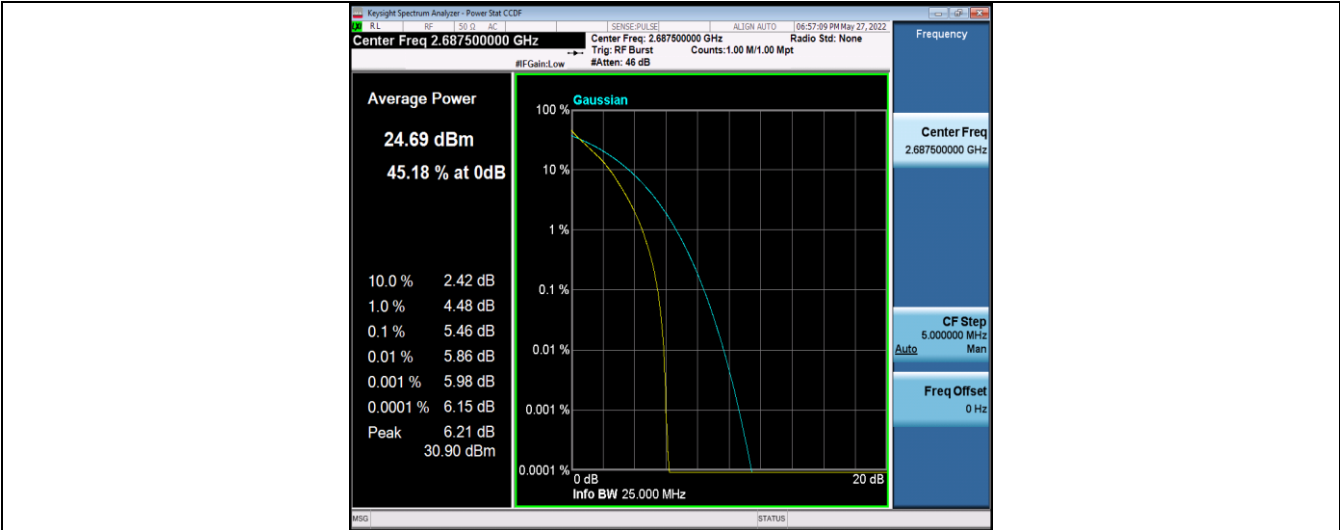
Band41-5MHz-QPSK-39675-25RB#0



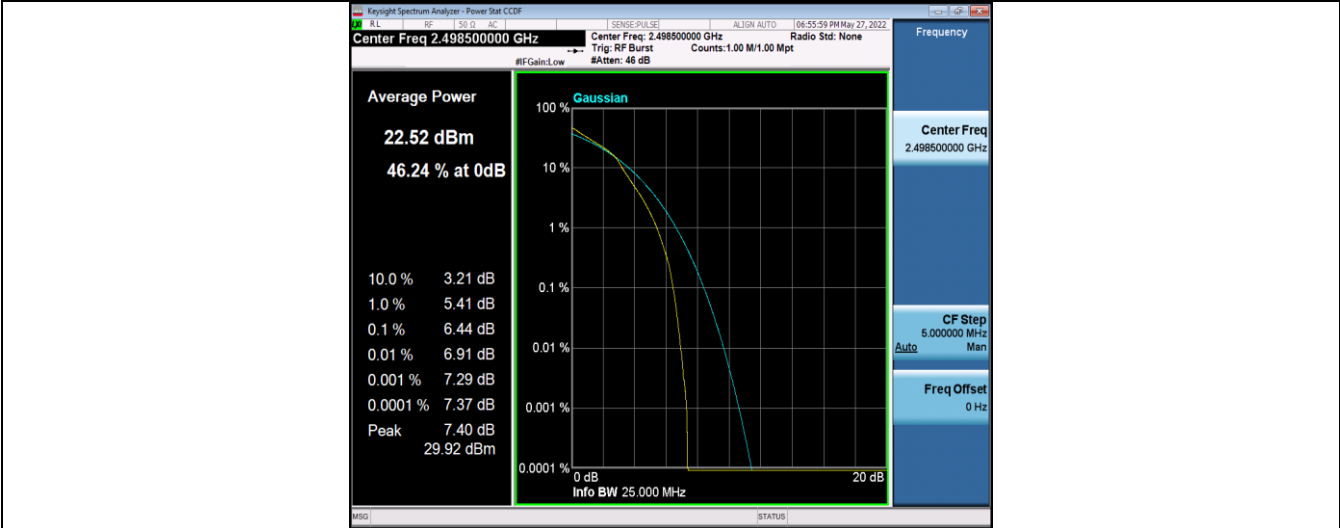
Band41-5MHz-QPSK-40620-25RB#0



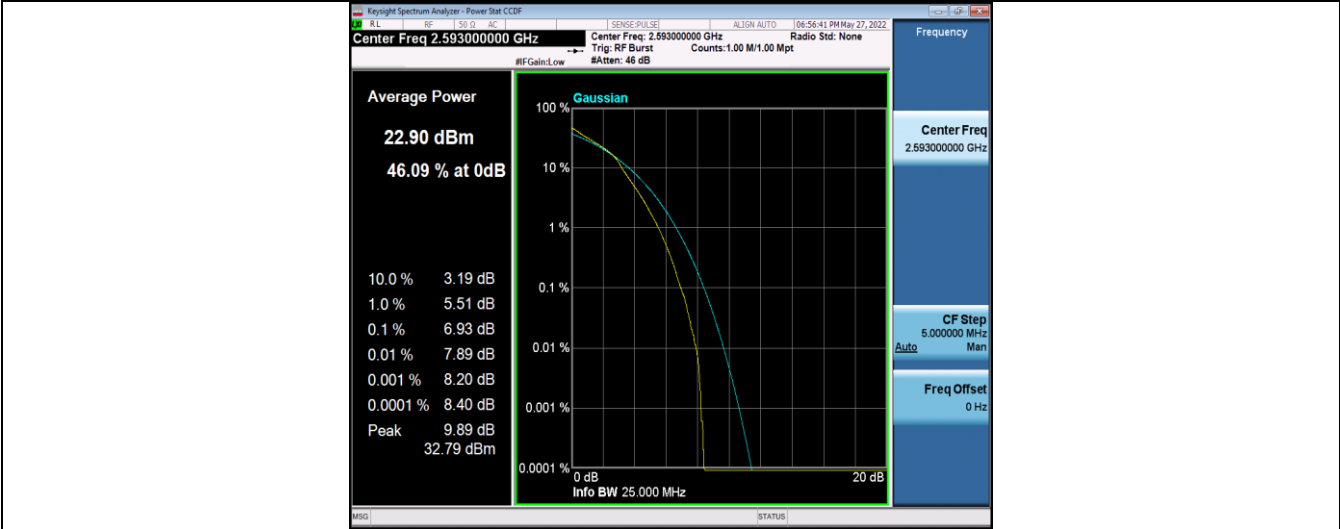
Band41-5MHz-QPSK-41565-25RB#0



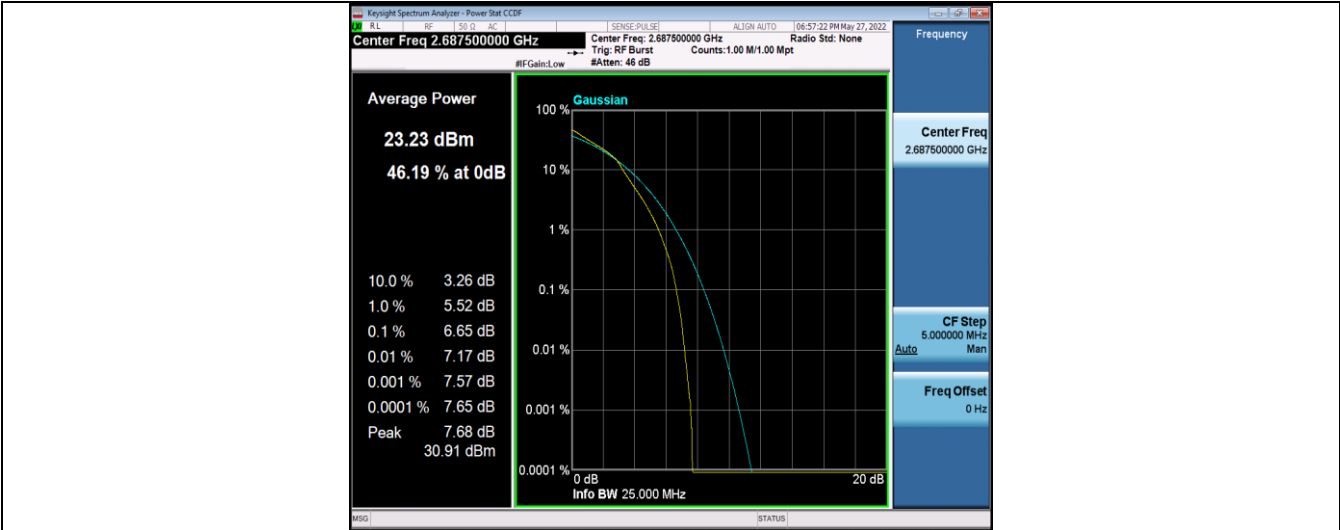
Band41-5MHz-16QAM-39675-25RB#0



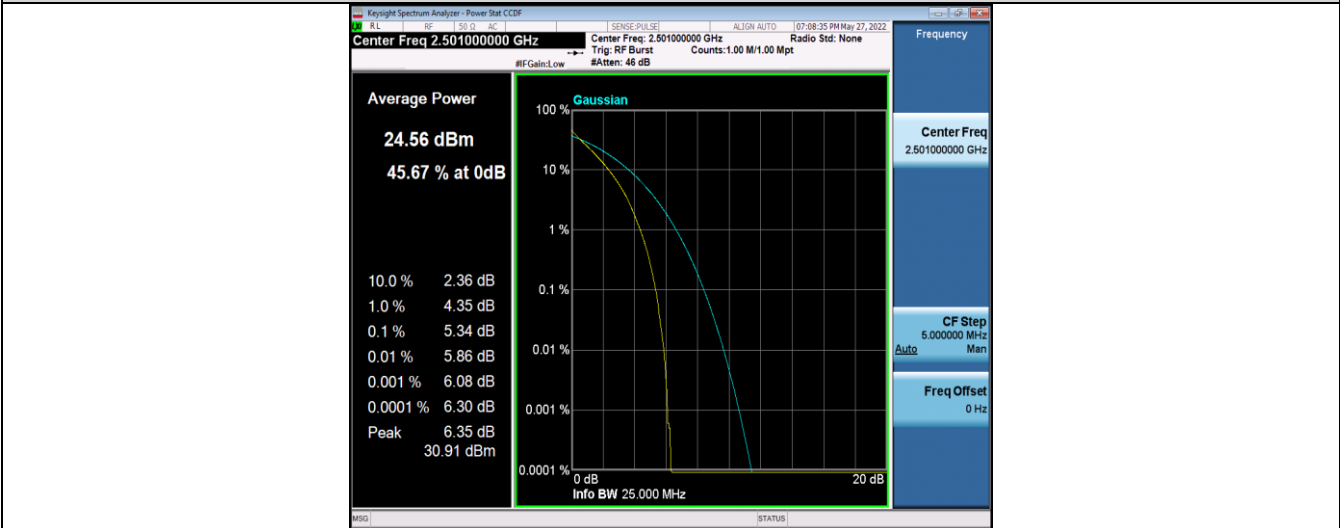
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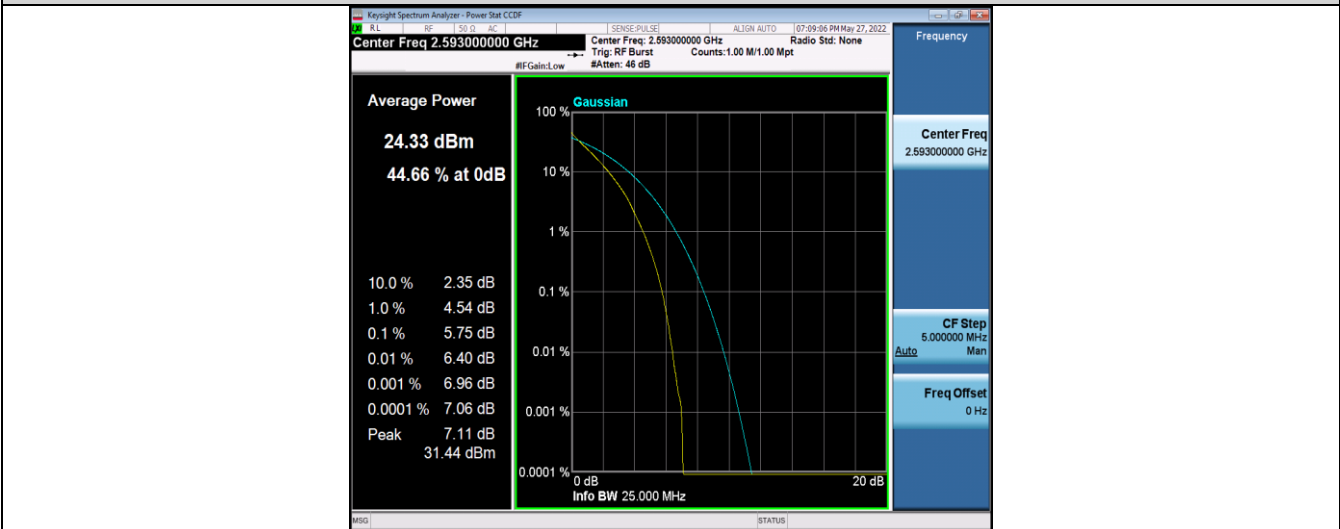
Band41-5MHz-16QAM-41565-25RB#0



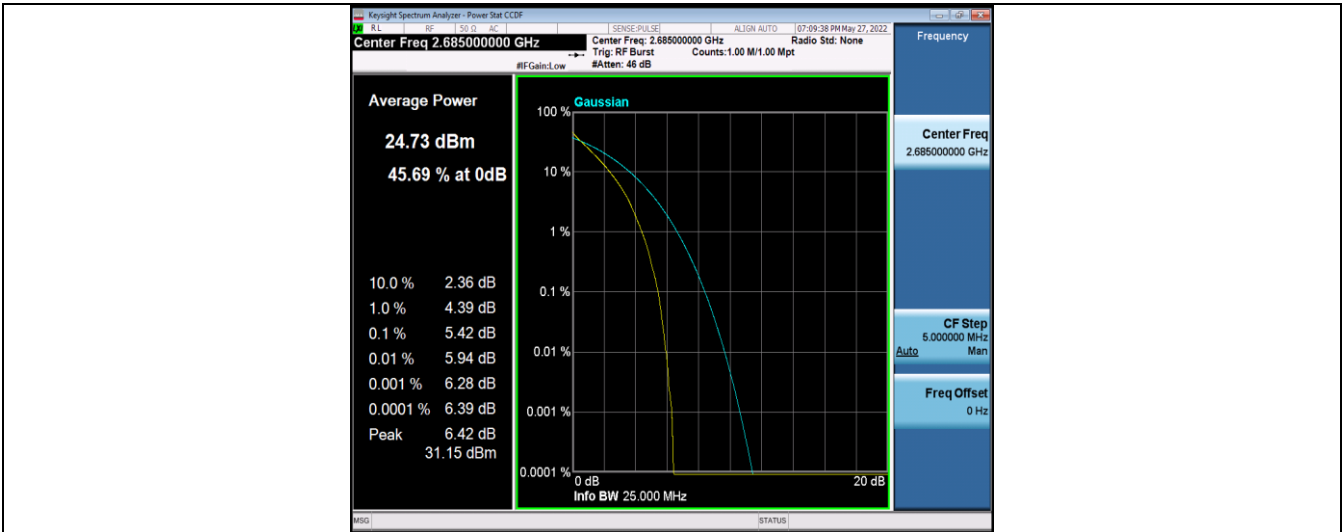
Band41-10MHz-QPSK-39700-50RB#0



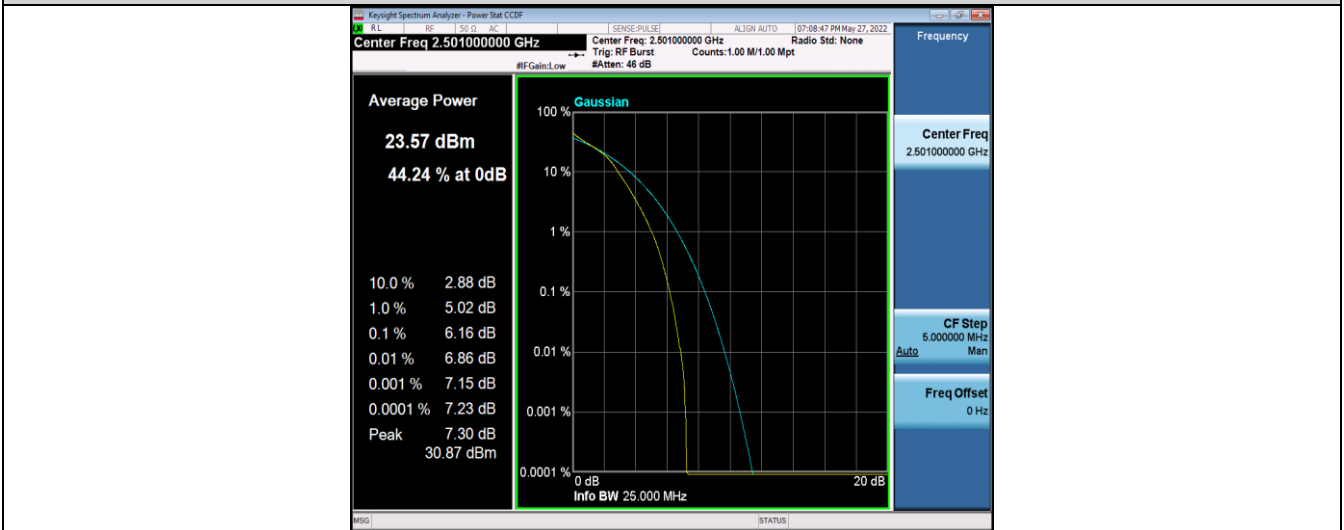
Band41-10MHz-QPSK-40620-50RB#0



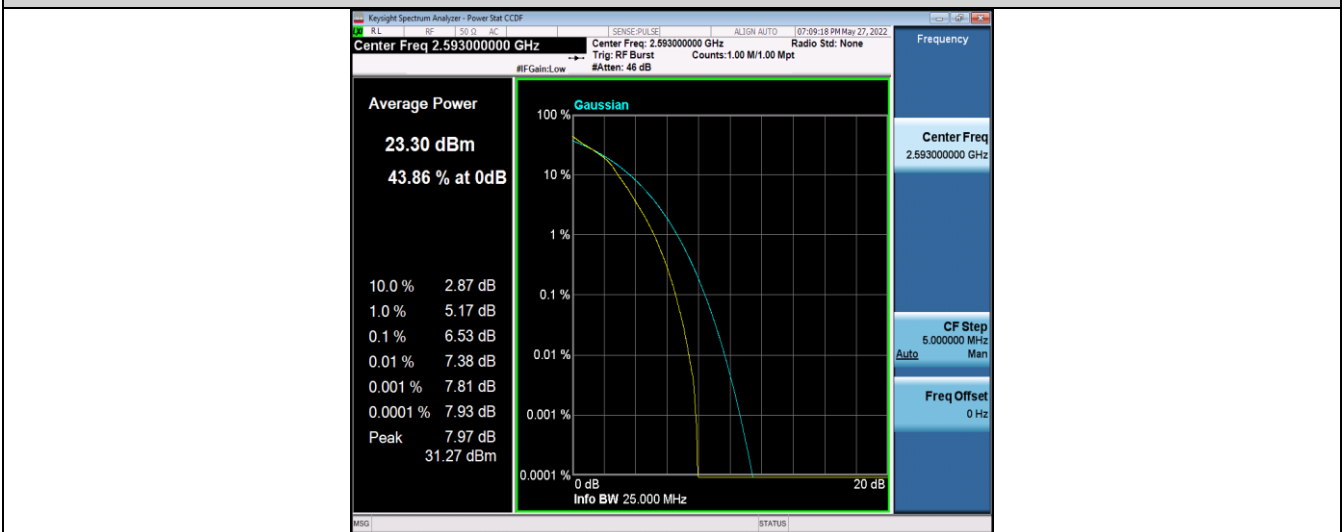
Band41-10MHz-QPSK-41540-50RB#0



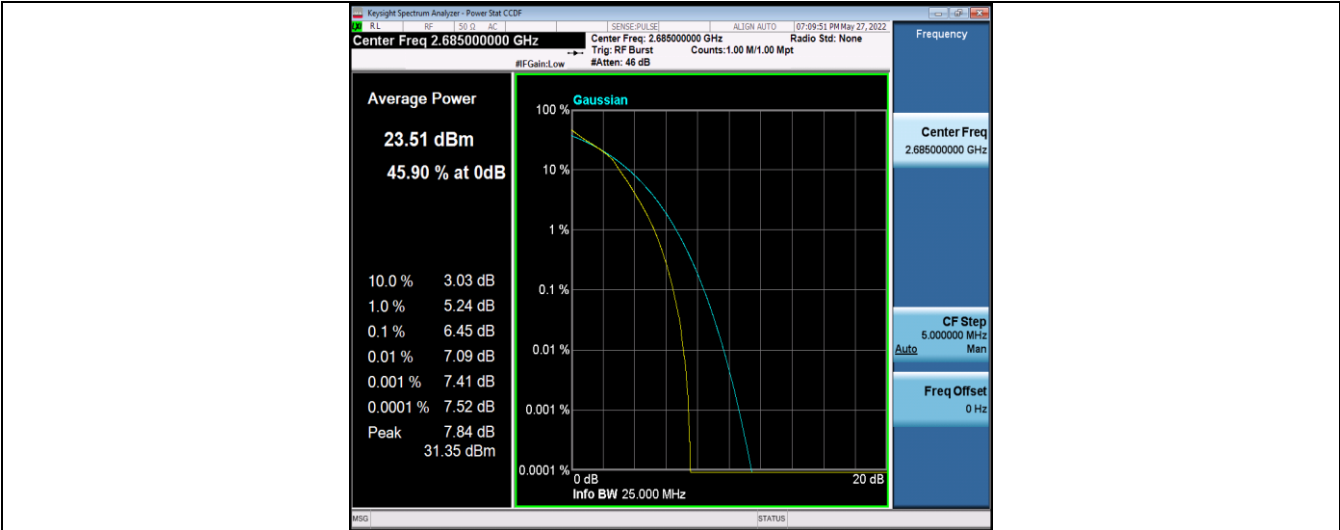
Band41-10MHz-16QAM-39700-50RB#0



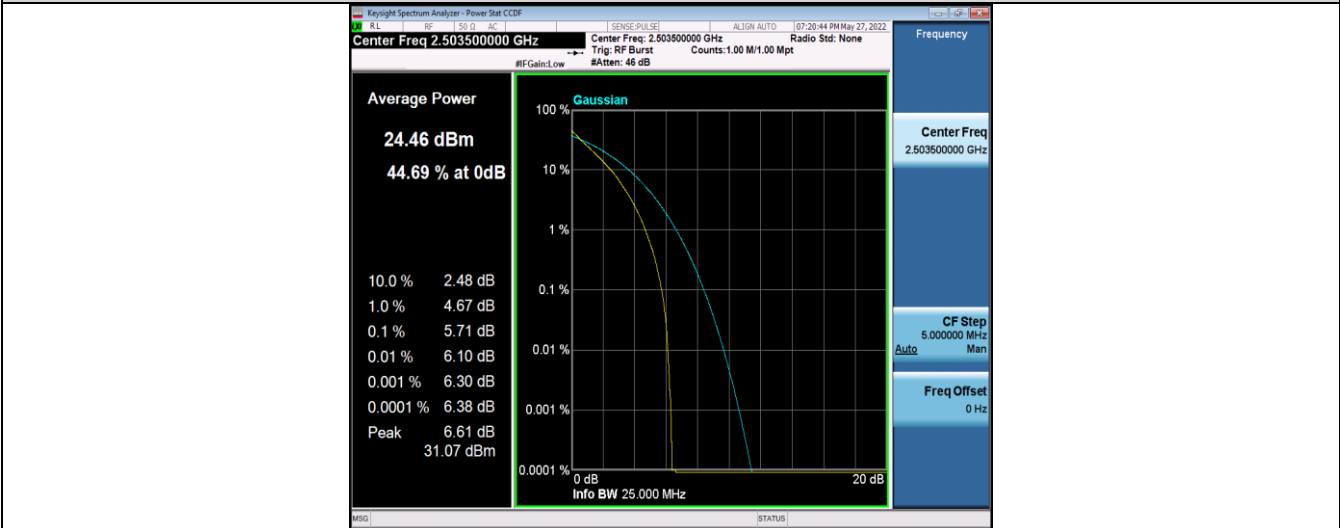
Band41-10MHz-16QAM-40620-50RB#0



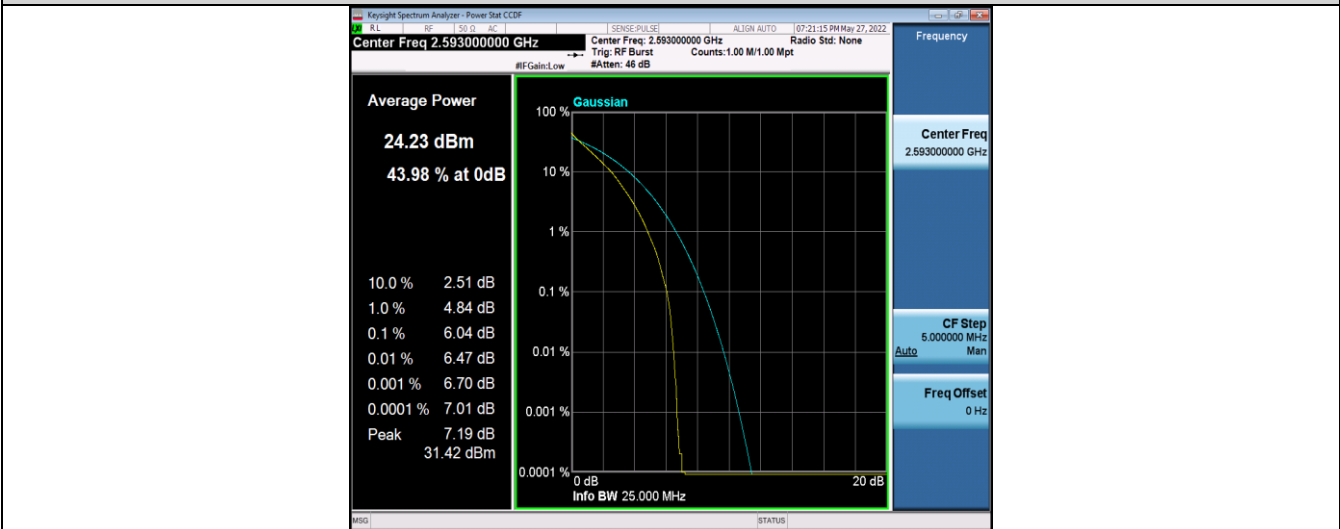
Band41-10MHz-16QAM-41540-50RB#0



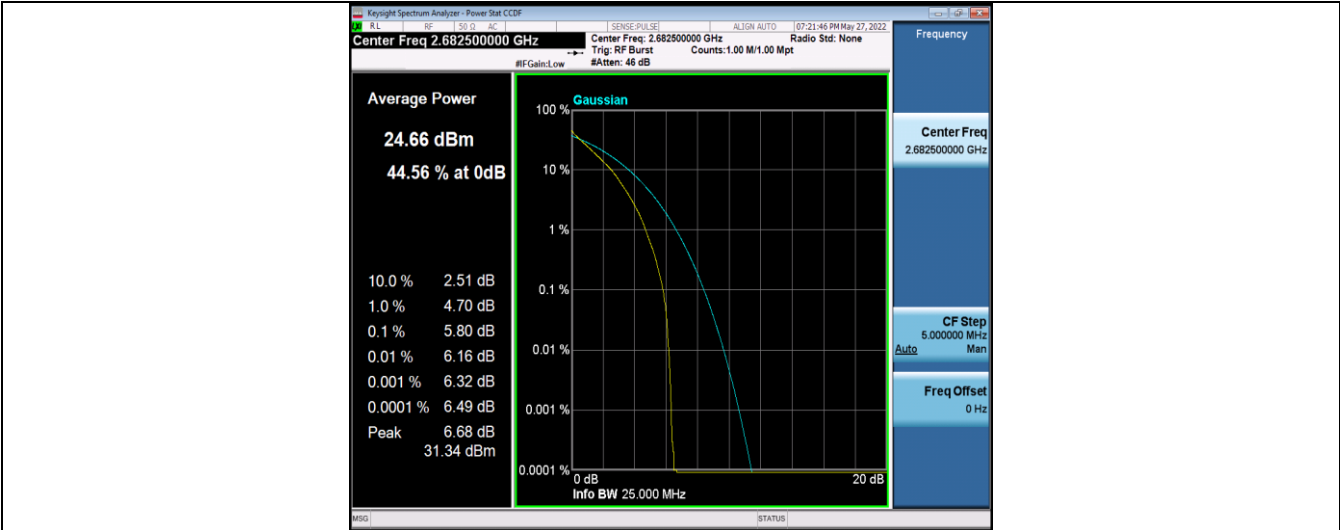
Band41-15MHz-QPSK-39725-75RB#0



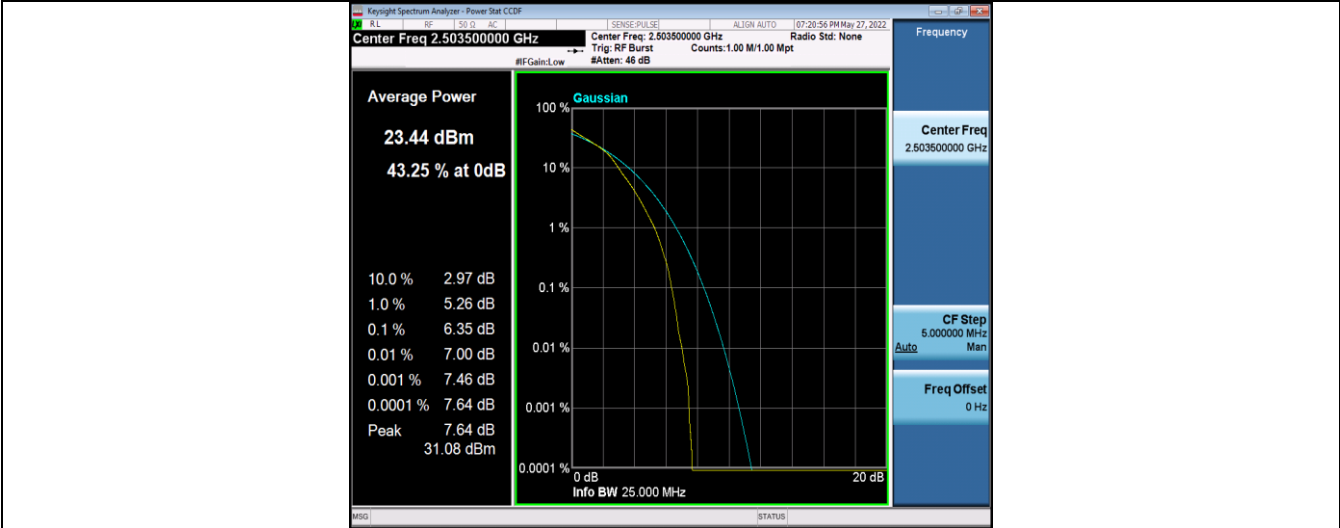
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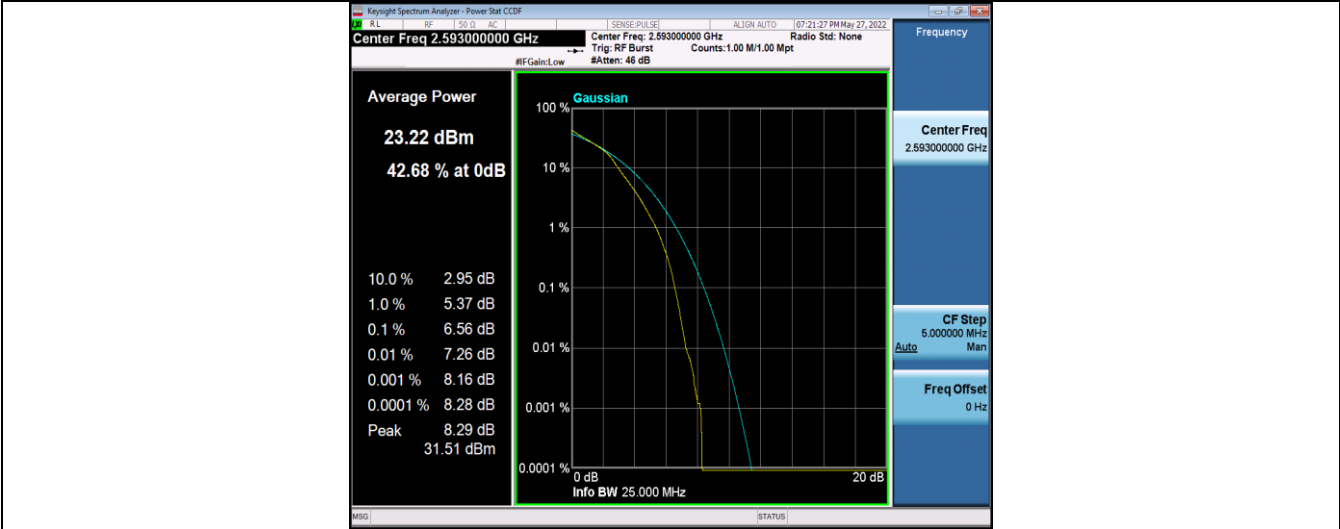
Band41-15MHz-QPSK-41515-75RB#0



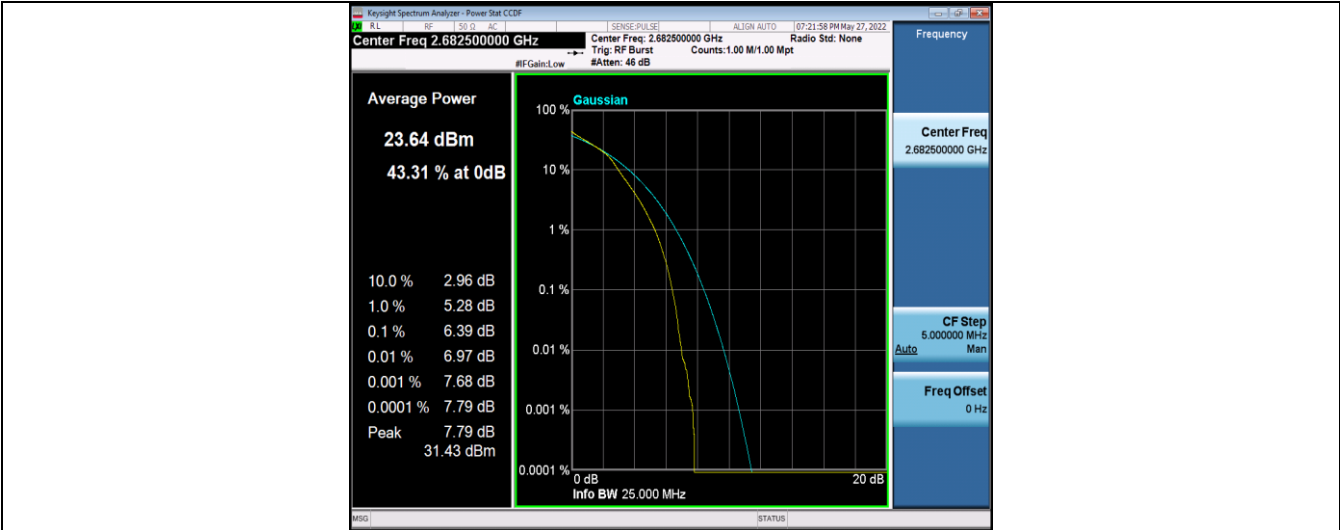
Band41-15MHz-16QAM-39725-75RB#0



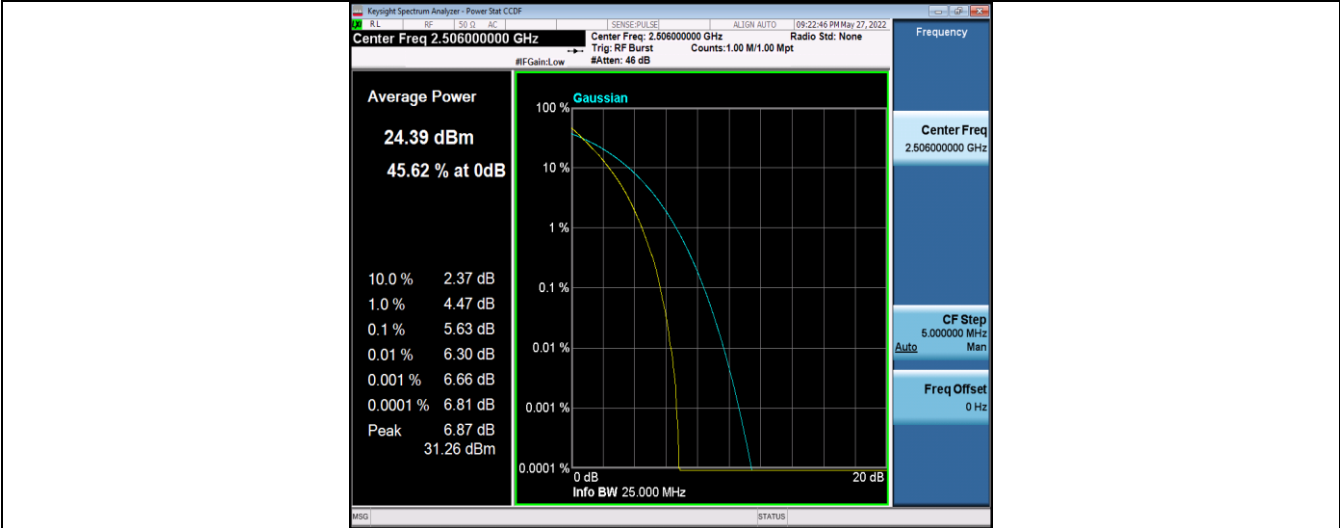
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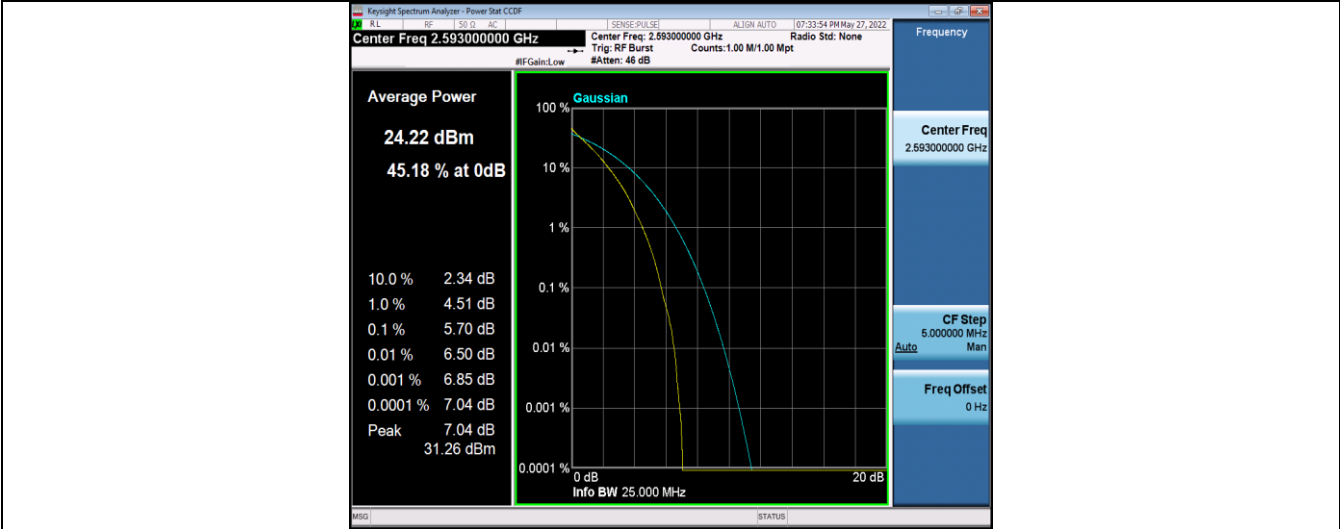
Band41-15MHz-16QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-100RB#0

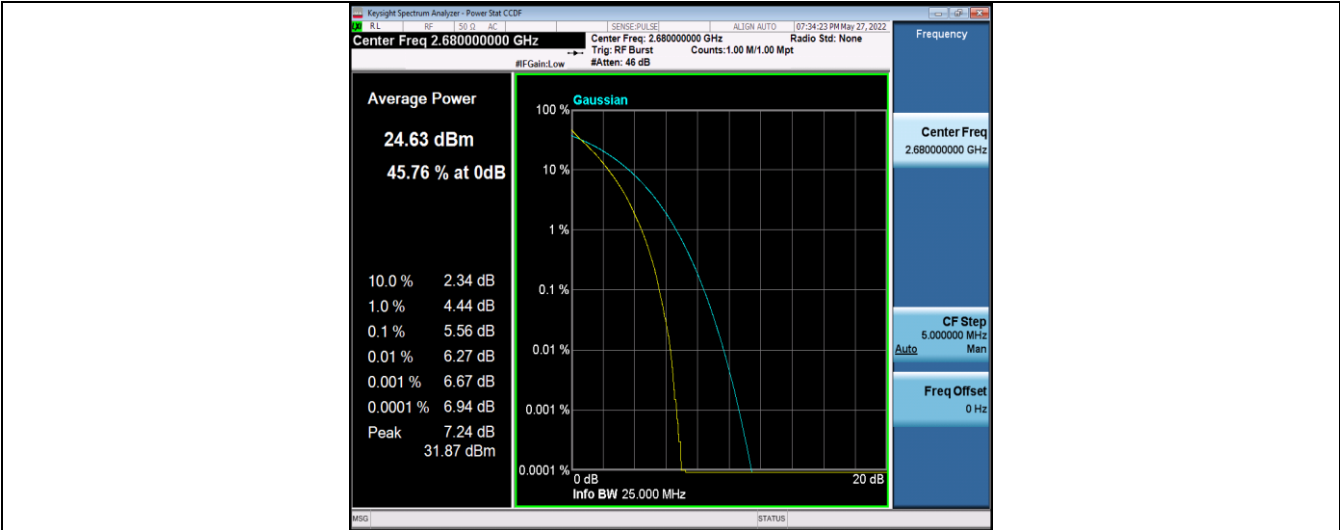


Band41-20MHz-QPSK-40620-100RB#0

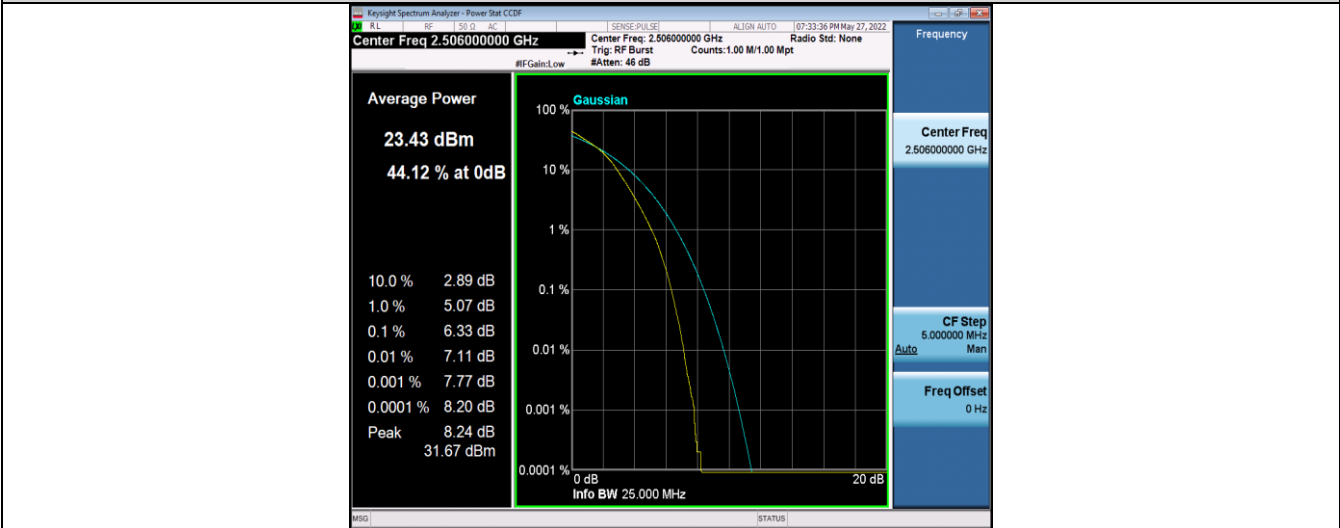


Band41-20MHz-QPSK-41490-100RB#0

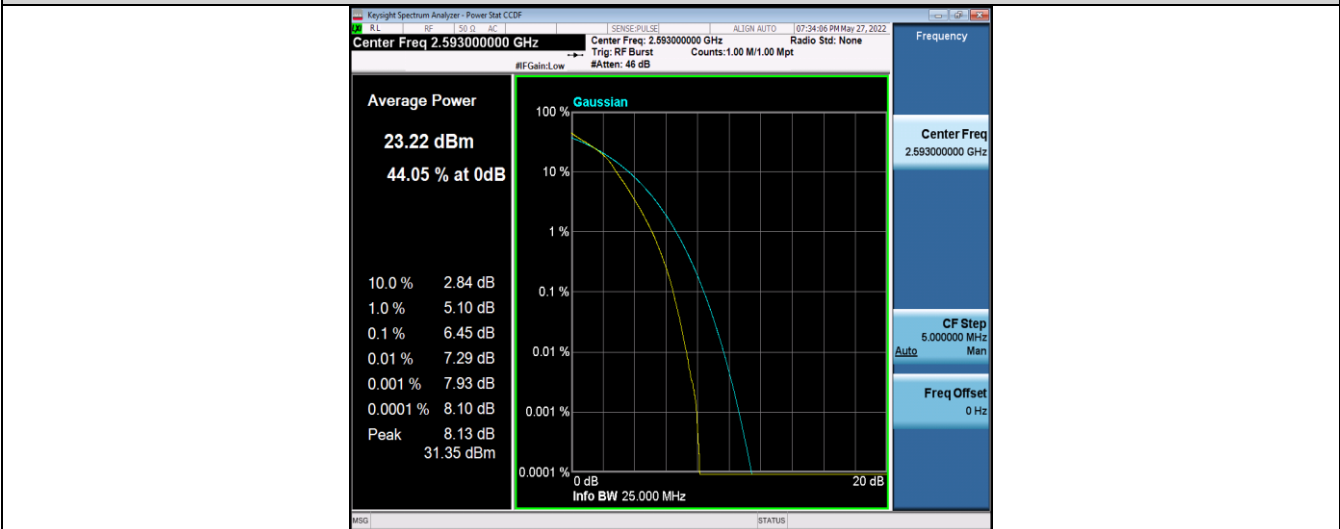




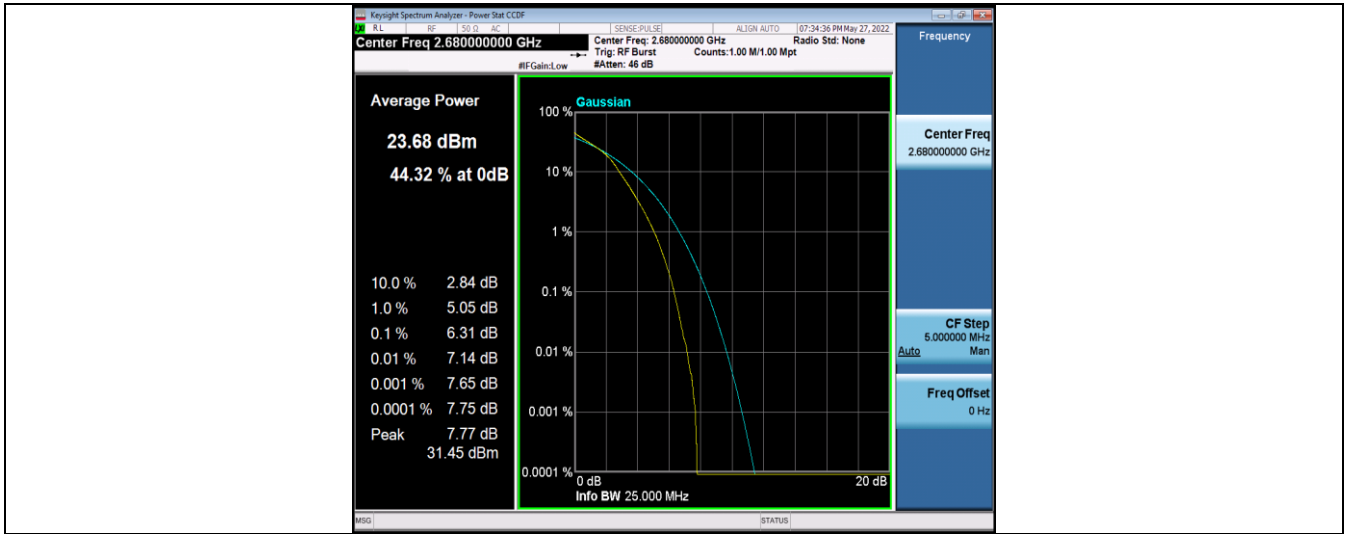
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0

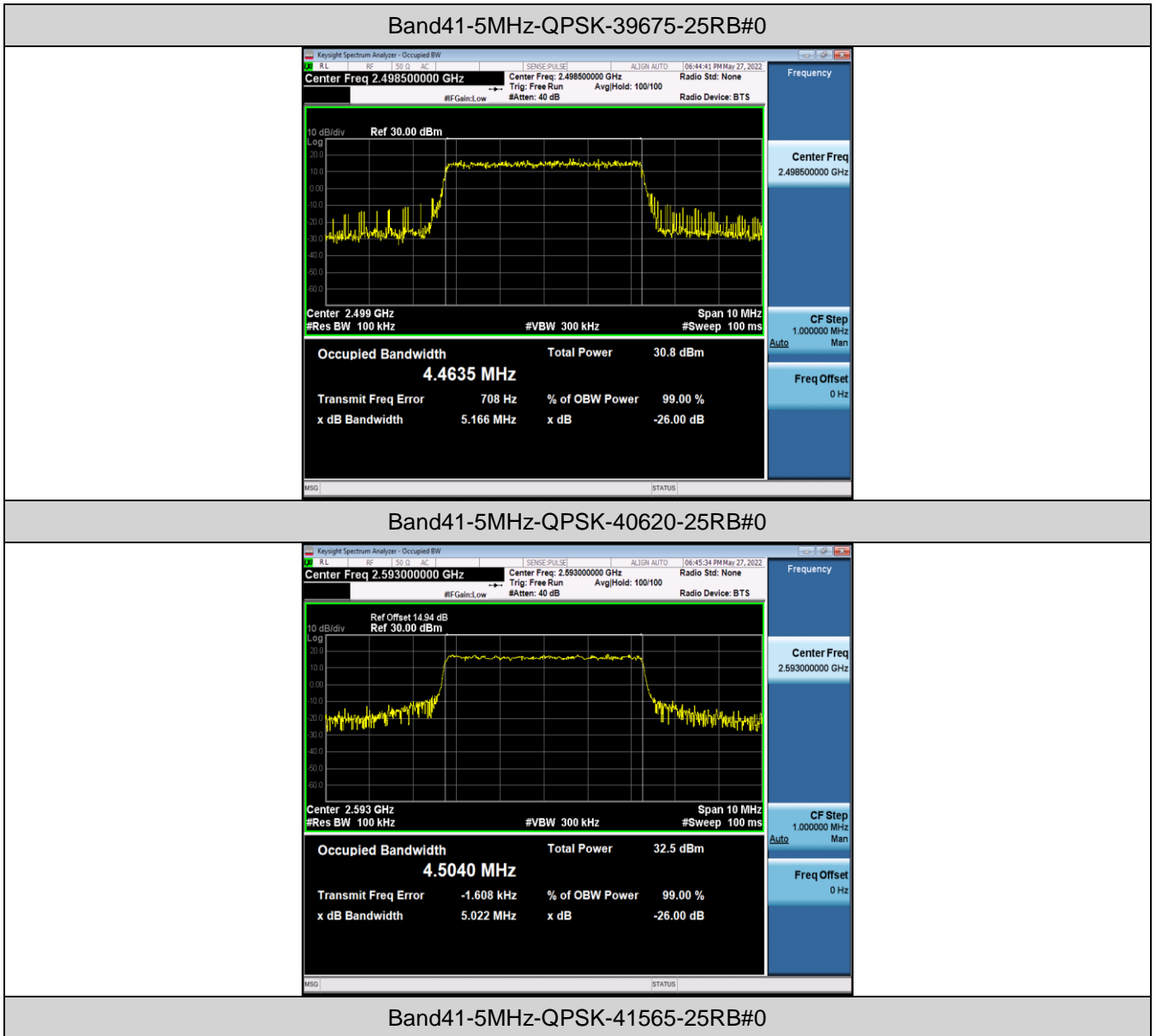


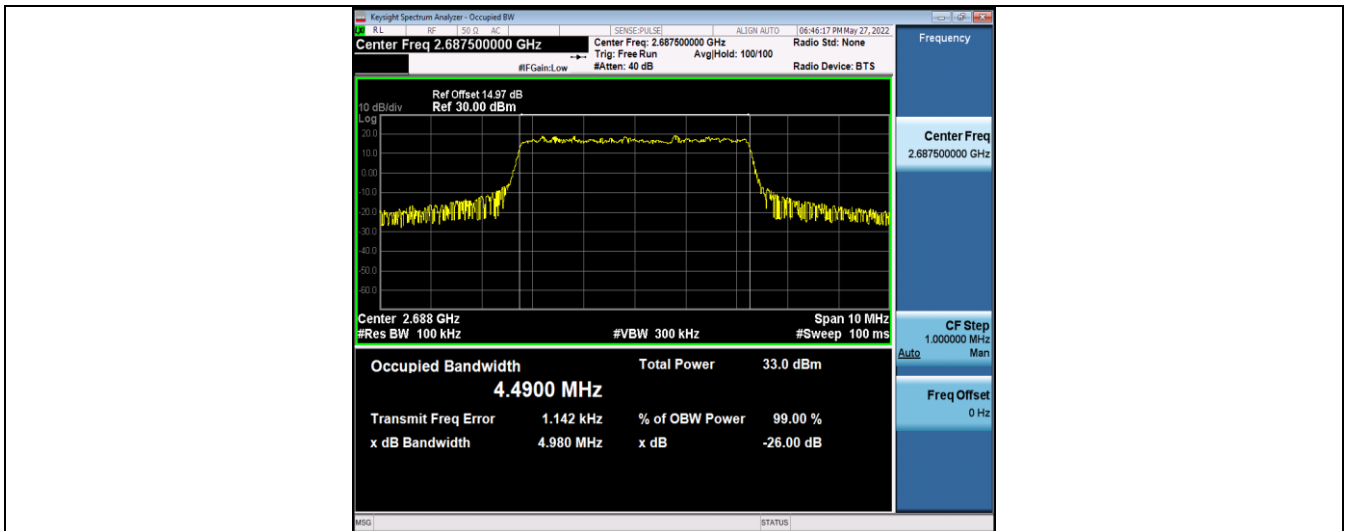
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4635	5.166	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5040	5.022	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4900	4.980	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4883	5.054	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4891	5.282	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4895	5.158	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9743	10.29	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9689	10.54	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9963	9.957	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9893	9.869	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9755	9.855	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9902	9.810	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.480	15.43	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.496	15.11	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.469	15.43	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.470	15.41	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.486	15.78	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.470	15.52	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.873	19.96	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.970	20.02	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.932	20.68	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.936	20.22	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.939	20.13	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.967	20.70	PASS

### Test Graphs

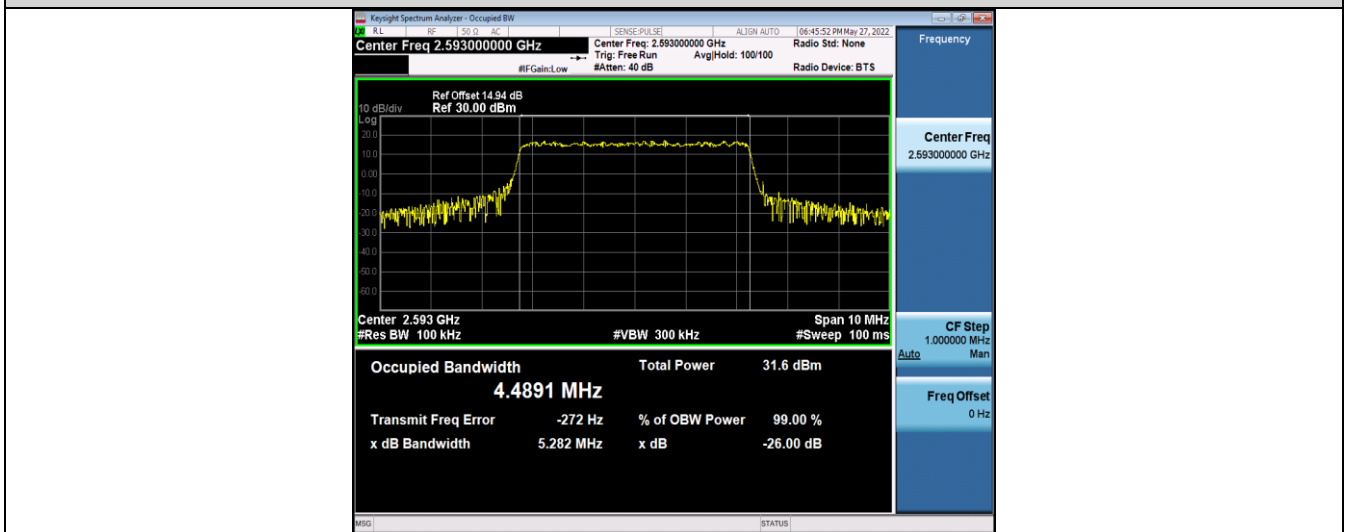




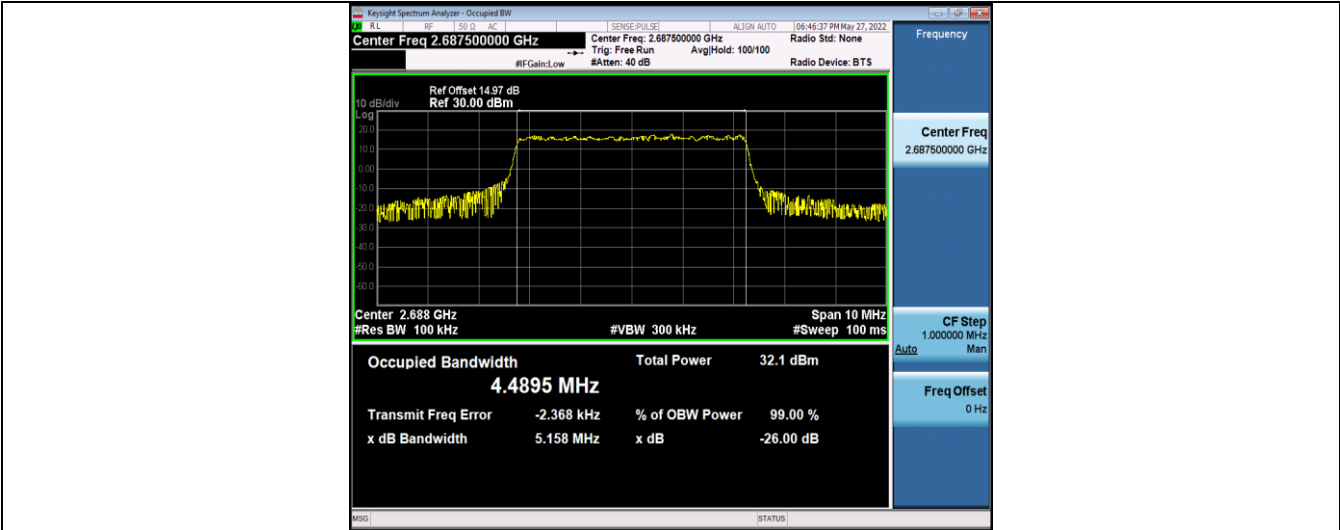
Band41-5MHz-16QAM-39675-25RB#0



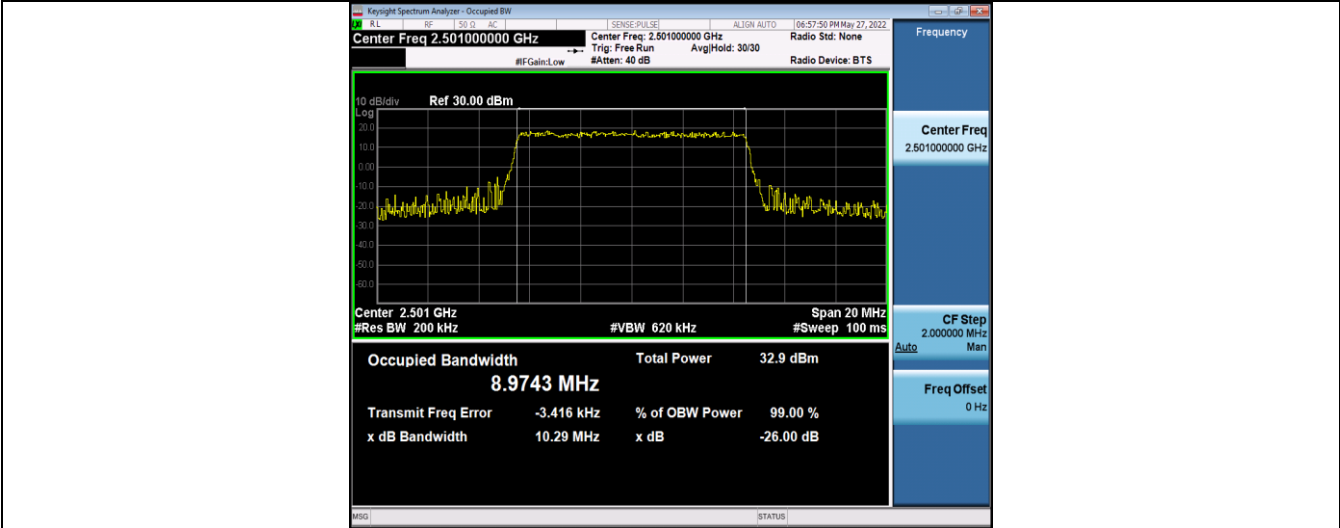
Band41-5MHz-16QAM-40620-25RB#0



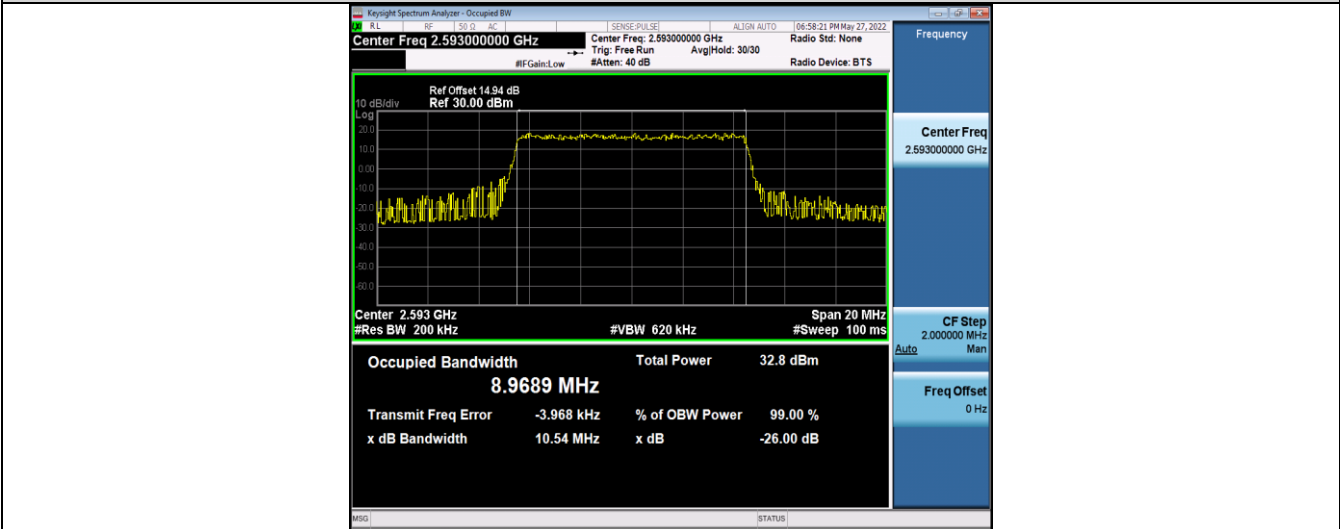
Band41-5MHz-16QAM-41565-25RB#0



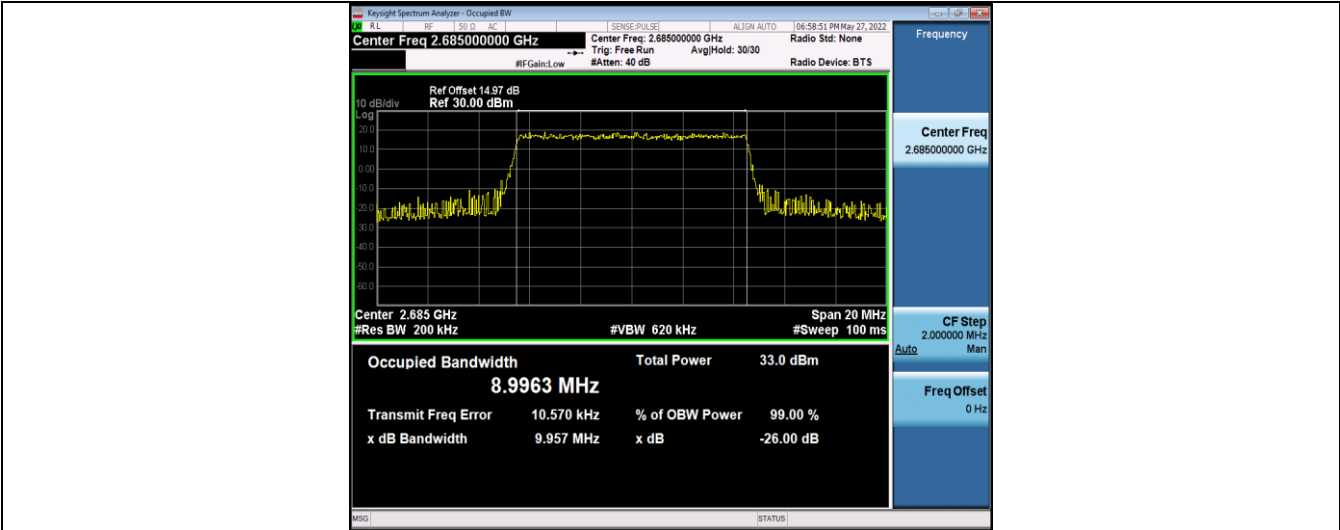
Band41-10MHz-QPSK-39700-50RB#0



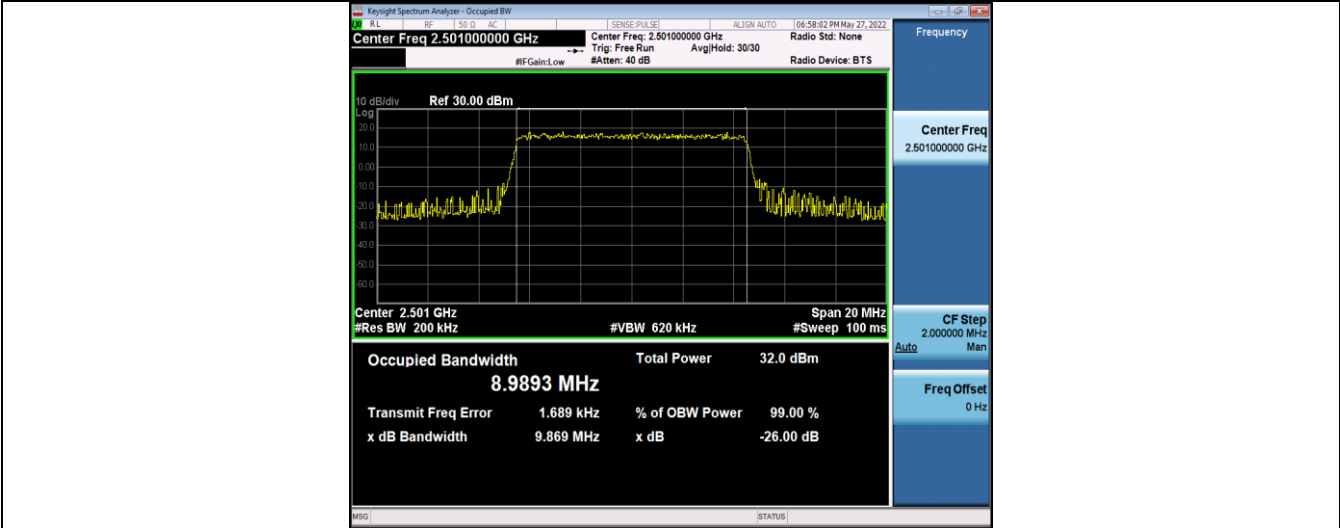
Band41-10MHz-QPSK-40620-50RB#0



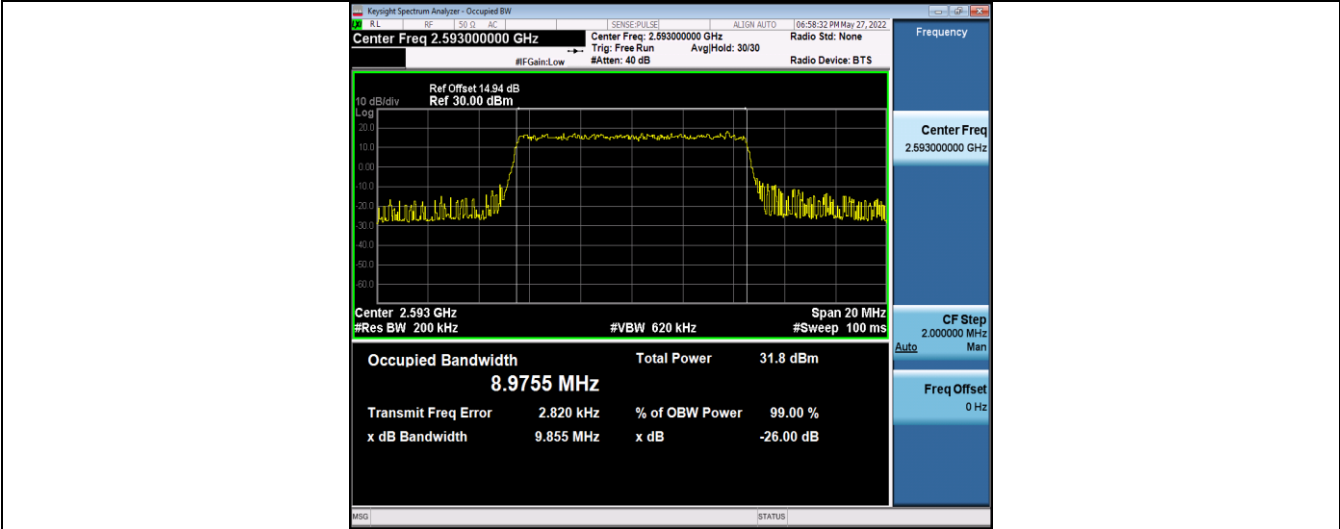
Band41-10MHz-QPSK-41540-50RB#0



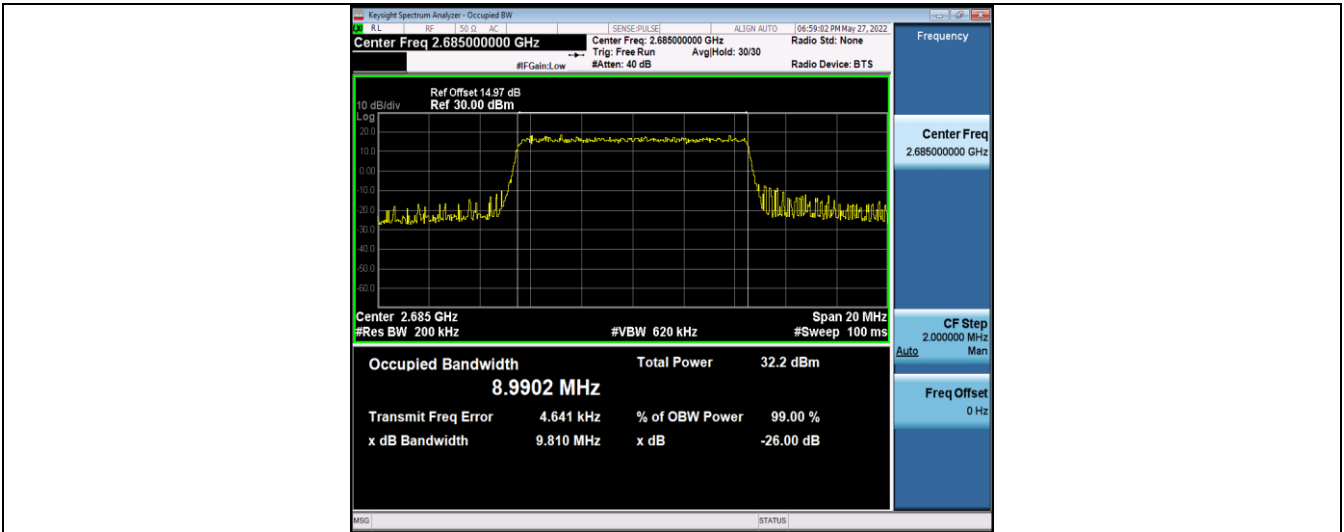
Band41-10MHz-16QAM-39700-50RB#0



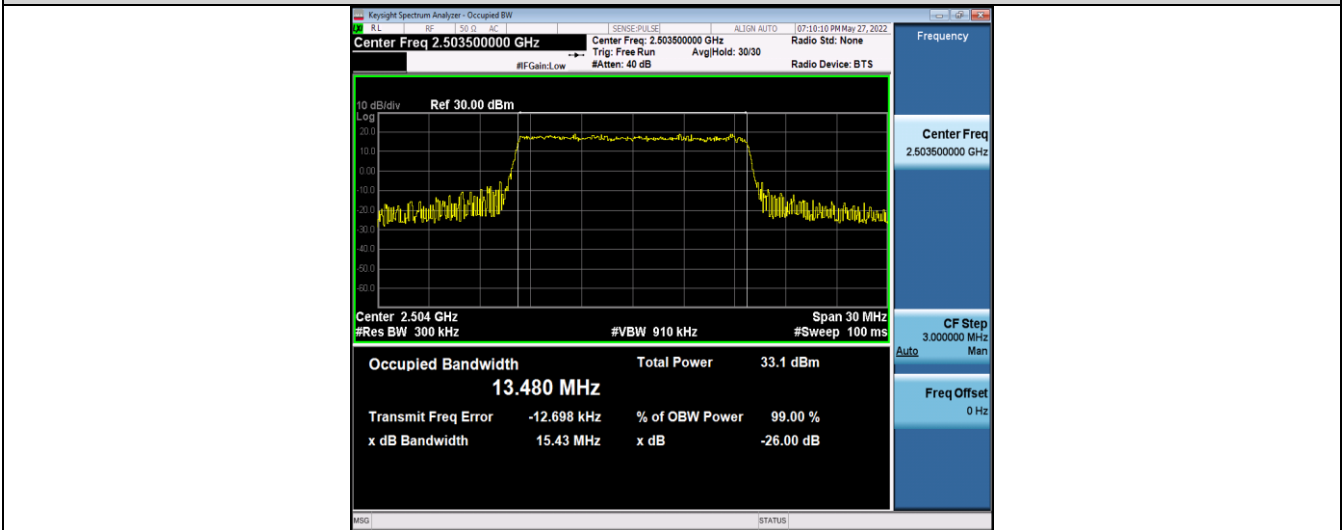
Band41-10MHz-16QAM-40620-50RB#0



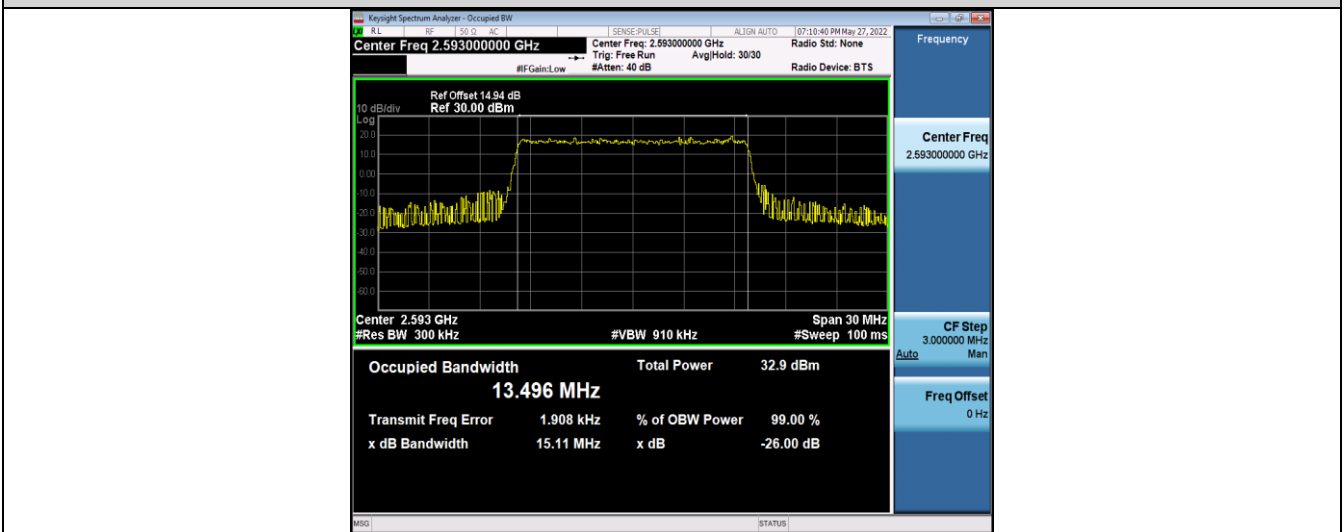
Band41-10MHz-16QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-75RB#0

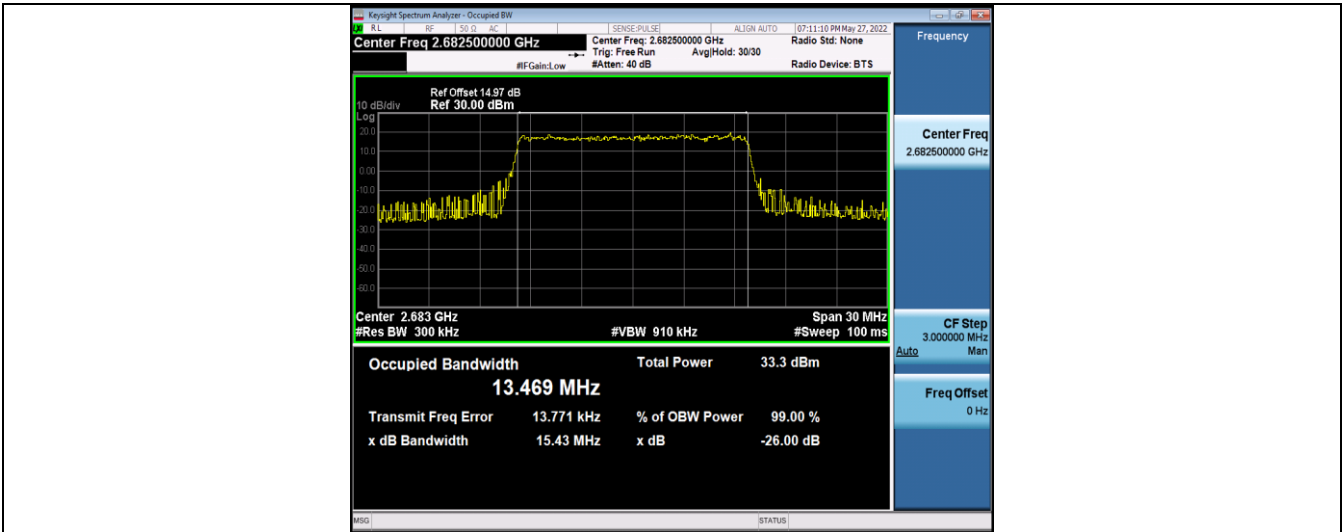


Band41-15MHz-QPSK-40620-75RB#0

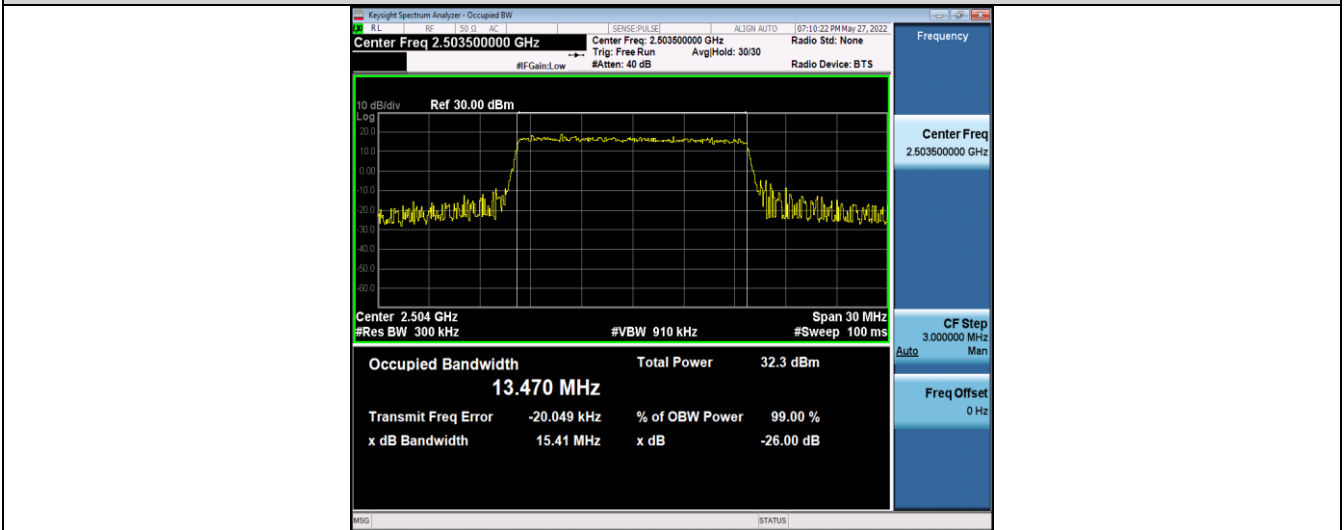


Band41-15MHz-QPSK-41515-75RB#0

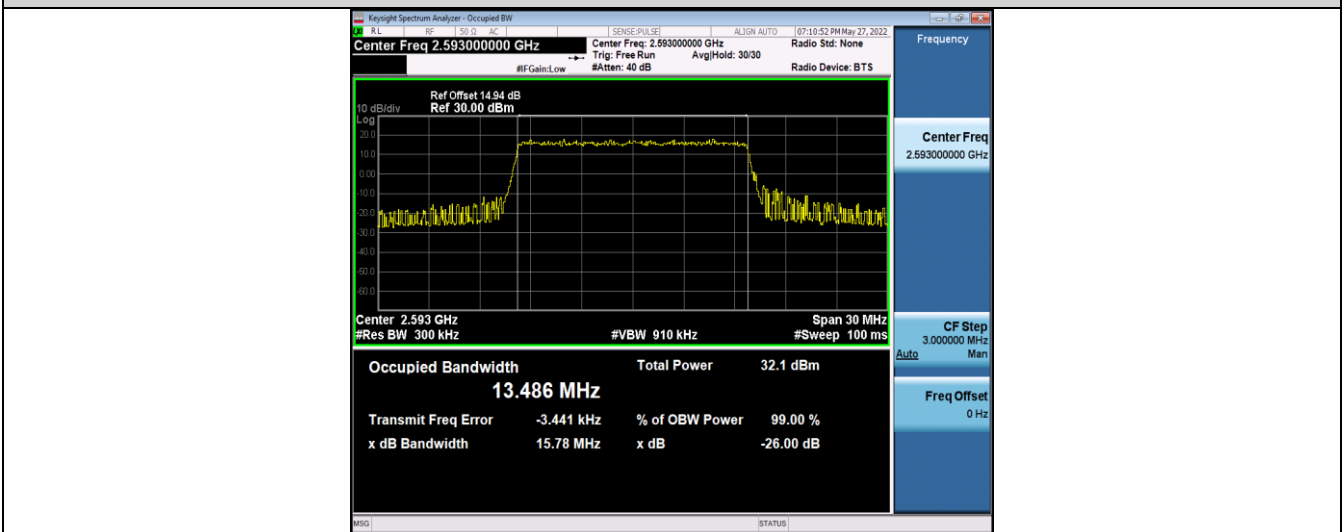




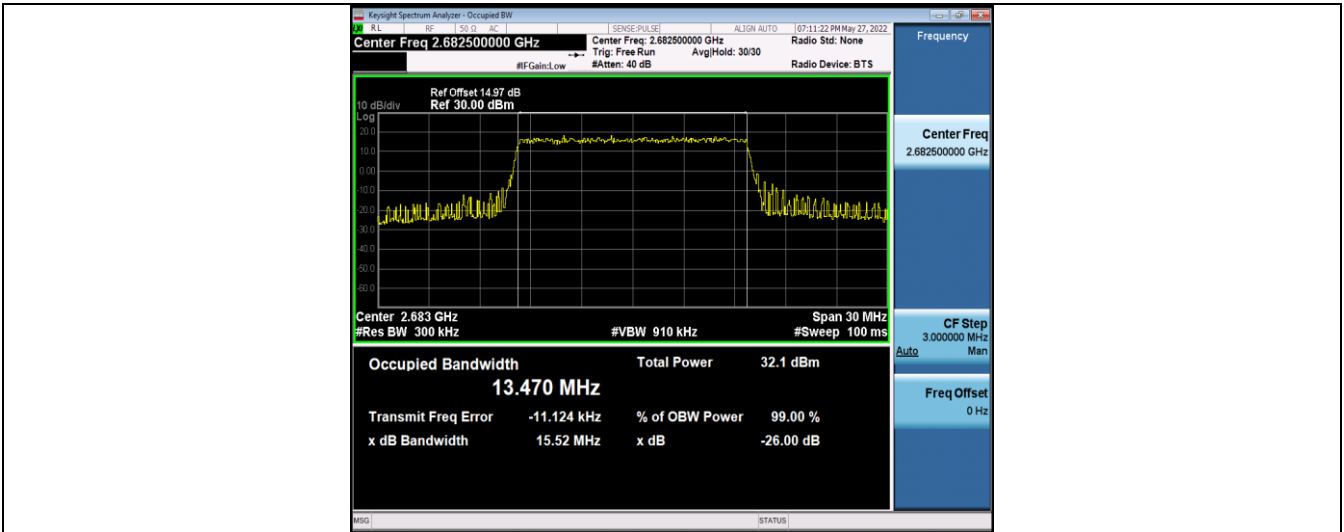
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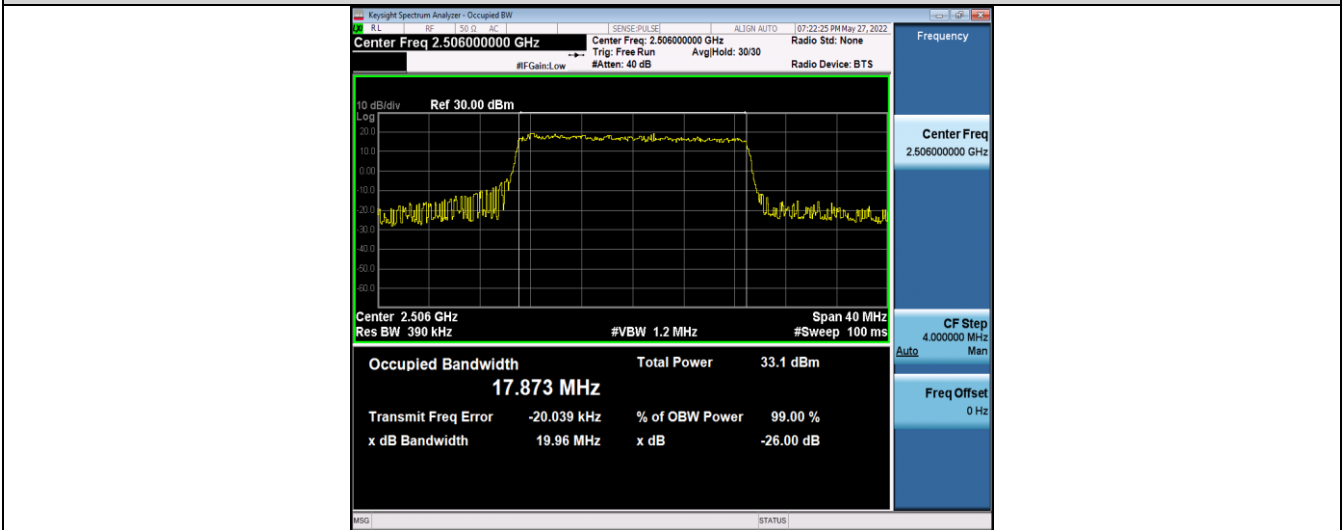
Band41-15MHz-16QAM-40620-75RB#0



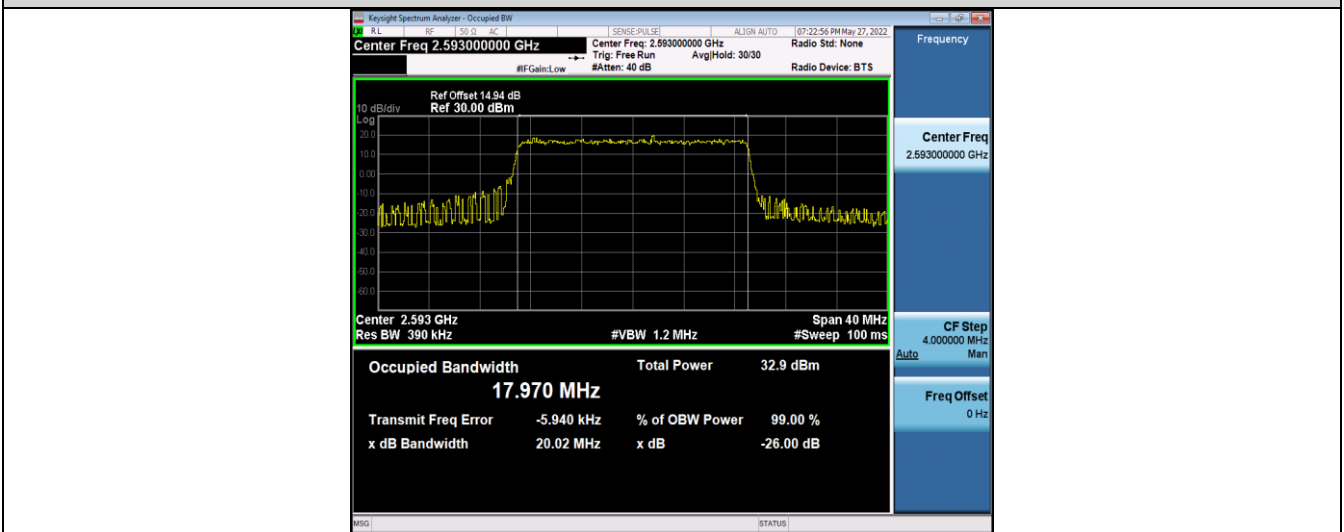
Band41-15MHz-16QAM-41515-75RB#0



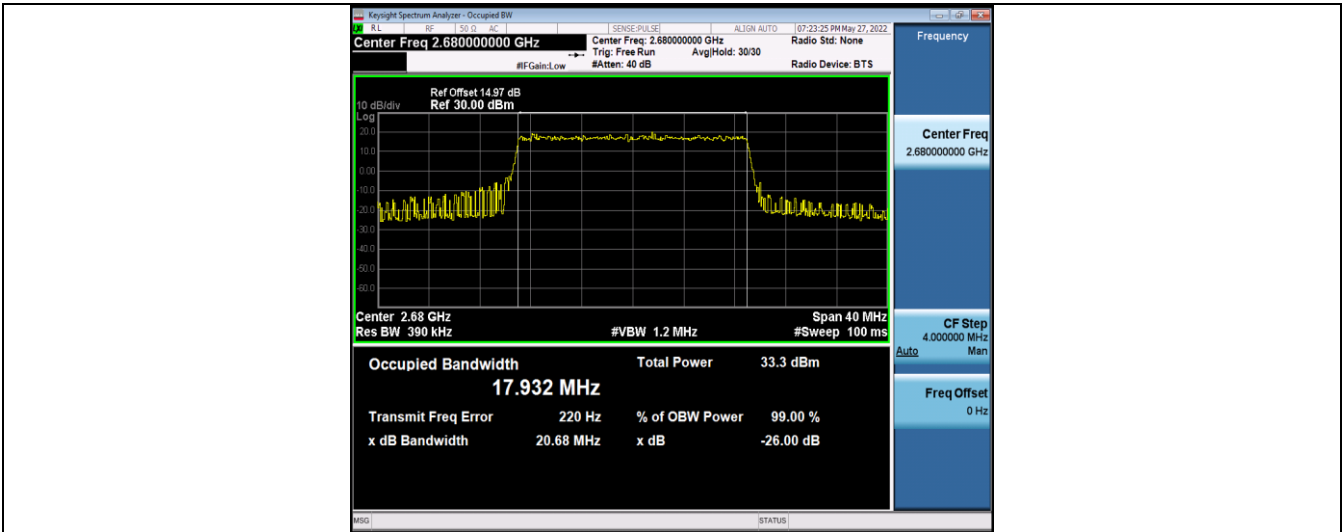
Band41-20MHz-QPSK-39750-100RB#0



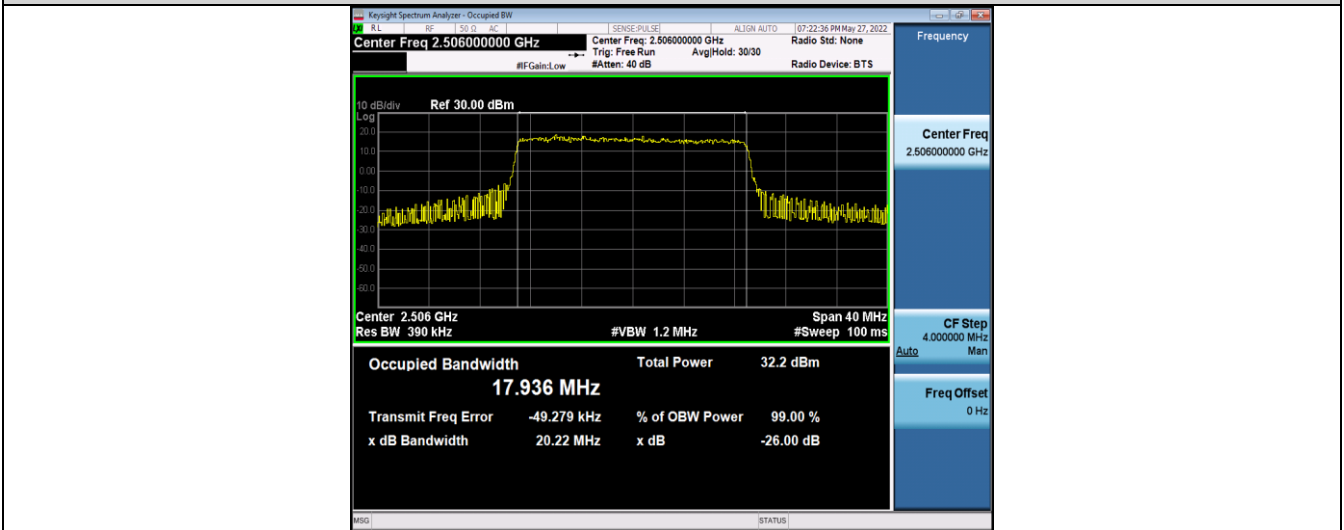
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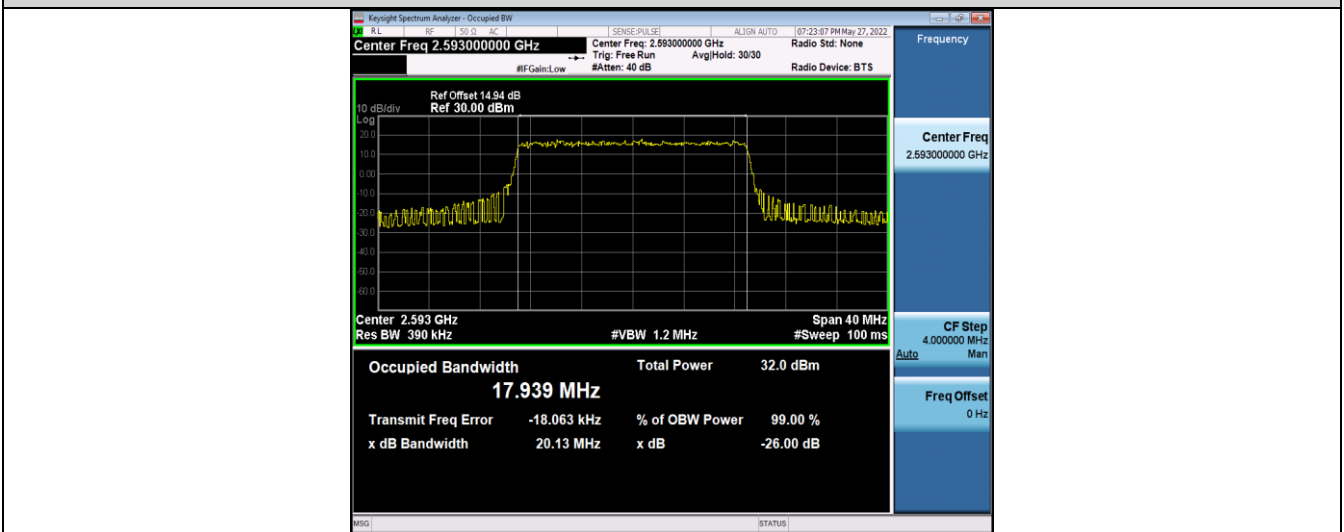
Band41-20MHz-QPSK-41490-100RB#0



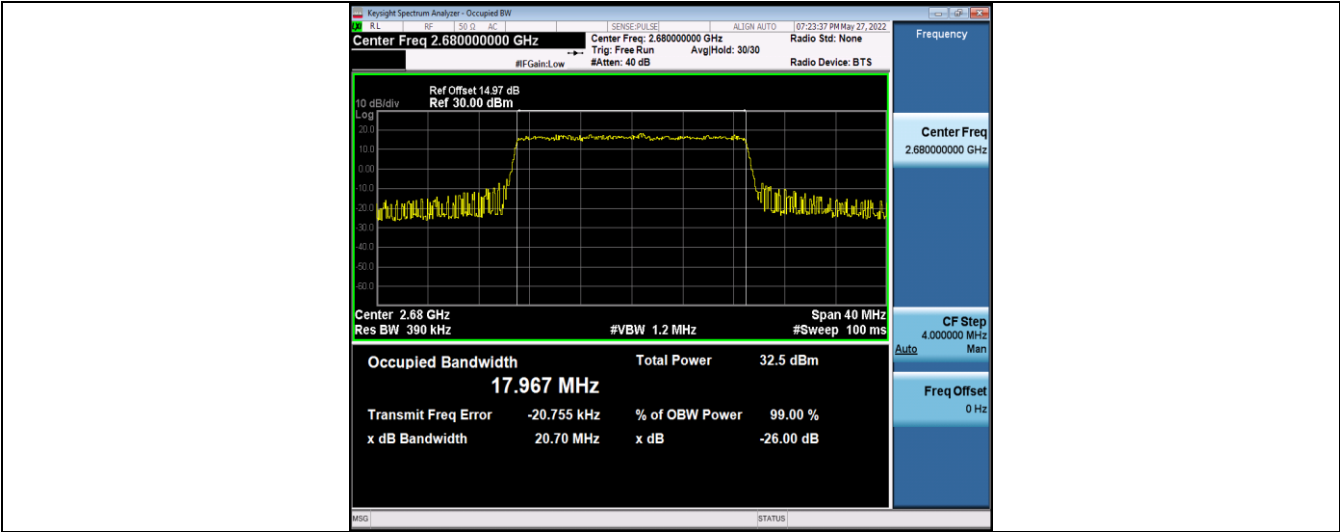
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-43.29,-37.24,-31.28	PASS
Band41	5MHz	QPSK	41565	25RB#0	-27.73,-34.97,-40.69,-41.91	PASS
Band41	5MHz	16QAM	39675	25RB#0	-43.48,-37.19,-31.42	PASS
Band41	5MHz	16QAM	41565	25RB#0	-28.82,-34.34,-41.07,-42.04	PASS
Band41	10MHz	QPSK	39700	50RB#0	-41.29,-36.45,-32.31	PASS
Band41	10MHz	QPSK	41540	50RB#0	-33.88,-34.11,-36.30,-39.58	PASS
Band41	10MHz	16QAM	39700	50RB#0	-41.50,-37.37,-36.58	PASS
Band41	10MHz	16QAM	41540	50RB#0	-32.41,-35.15,-37.93,-40.23	PASS
Band41	15MHz	QPSK	39725	75RB#0	-40.10,-35.11,-32.85	PASS
Band41	15MHz	QPSK	41515	75RB#0	-32.49,-33.76,-34.55,-38.42	PASS
Band41	15MHz	16QAM	39725	75RB#0	-40.27,-36.86,-36.21	PASS
Band41	15MHz	16QAM	41515	75RB#0	-32.39,-33.16,-34.74,-38.53	PASS
Band41	20MHz	QPSK	39750	100RB#0	-39.26,-35.28,-33.98	PASS
Band41	20MHz	QPSK	41490	100RB#0	-34.20,-33.37,-34.88,-38.06	PASS
Band41	20MHz	16QAM	39750	100RB#0	-39.19,-36.40,-35.35	PASS
Band41	20MHz	16QAM	41490	100RB#0	-34.81,-33.62,-34.41,-38.16	PASS

### Test Graphs

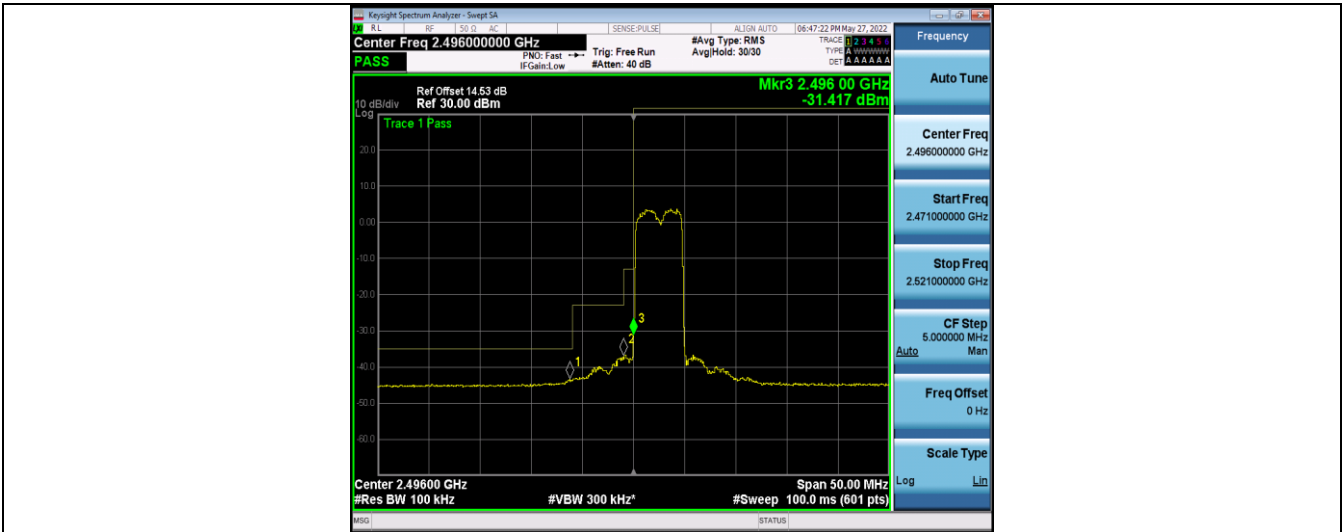
Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-50RB#0