

Appendix RF Test Data for LTE Band 41

Company: : Shenzhen Wufang Technology Co., Ltd.

EUT : Tablet

Model Number : X1

FCC ID : 2BMOX-X1

Report No. : CTA25081801110

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39788	1RB#0	21.73	PASS
Band41	5MHz	16QAM	39788	1RB#0	21.59	PASS
Band41	5MHz	QPSK	39788	1RB#12	21.69	PASS
Band41	5MHz	16QAM	39788	1RB#12	21.69	PASS
Band41	5MHz	QPSK	39788	1RB#24	21.77	PASS
Band41	5MHz	16QAM	39788	1RB#24	21.41	PASS
Band41	5MHz	QPSK	39788	12RB#0	20.67	PASS
Band41	5MHz	16QAM	39788	12RB#0	20.04	PASS
Band41	5MHz	QPSK	39788	12RB#6	20.61	PASS
Band41	5MHz	16QAM	39788	12RB#6	20.02	PASS
Band41	5MHz	QPSK	39788	12RB#13	20.71	PASS
Band41	5MHz	16QAM	39788	12RB#13	19.99	PASS
Band41	5MHz	QPSK	39788	25RB#0	20.66	PASS
Band41	5MHz	16QAM	39788	25RB#0	20.08	PASS
Band41	5MHz	QPSK	40677	1RB#0	22.42	PASS
Band41	5MHz	16QAM	40677	1RB#0	22.05	PASS
Band41	5MHz	QPSK	40677	1RB#12	22.29	PASS
Band41	5MHz	16QAM	40677	1RB#12	22.03	PASS
Band41	5MHz	QPSK	40677	1RB#24	22.27	PASS
Band41	5MHz	16QAM	40677	1RB#24	22.17	PASS
Band41	5MHz	QPSK	40677	12RB#0	21.47	PASS
Band41	5MHz	16QAM	40677	12RB#0	20.74	PASS
Band41	5MHz	QPSK	40677	12RB#6	21.47	PASS
Band41	5MHz	16QAM	40677	12RB#6	20.73	PASS
Band41	5MHz	QPSK	40677	12RB#13	21.47	PASS
Band41	5MHz	16QAM	40677	12RB#13	20.69	PASS
Band41	5MHz	QPSK	40677	25RB#0	21.45	PASS
Band41	5MHz	16QAM	40677	25RB#0	20.85	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.81	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.37	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.69	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.64	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.79	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.39	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.67	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.98	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.67	PASS

Band41	5MHz	16QAM	41565	12RB#6	19.97	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.58	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.91	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.64	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.01	PASS
Band41	10MHz	QPSK	39823	1RB#0	22.80	PASS
Band41	10MHz	16QAM	39823	1RB#0	22.31	PASS
Band41	10MHz	QPSK	39823	1RB#24	22.62	PASS
Band41	10MHz	16QAM	39823	1RB#24	22.24	PASS
Band41	10MHz	QPSK	39823	1RB#49	22.67	PASS
Band41	10MHz	16QAM	39823	1RB#49	22.18	PASS
Band41	10MHz	QPSK	39823	25RB#0	21.63	PASS
Band41	10MHz	16QAM	39823	25RB#0	20.95	PASS
Band41	10MHz	QPSK	39823	25RB#12	21.56	PASS
Band41	10MHz	16QAM	39823	25RB#12	20.89	PASS
Band41	10MHz	QPSK	39823	25RB#25	21.68	PASS
Band41	10MHz	16QAM	39823	25RB#25	20.95	PASS
Band41	10MHz	QPSK	39823	50RB#0	21.62	PASS
Band41	10MHz	16QAM	39823	50RB#0	21.02	PASS
Band41	10MHz	QPSK	40682	1RB#0	22.71	PASS
Band41	10MHz	16QAM	40682	1RB#0	22.55	PASS
Band41	10MHz	QPSK	40682	1RB#24	22.64	PASS
Band41	10MHz	16QAM	40682	1RB#24	22.45	PASS
Band41	10MHz	QPSK	40682	1RB#49	22.63	PASS
Band41	10MHz	16QAM	40682	1RB#49	22.44	PASS
Band41	10MHz	QPSK	40682	25RB#0	21.48	PASS
Band41	10MHz	16QAM	40682	25RB#0	20.82	PASS
Band41	10MHz	QPSK	40682	25RB#12	21.49	PASS
Band41	10MHz	16QAM	40682	25RB#12	20.85	PASS
Band41	10MHz	QPSK	40682	25RB#25	21.55	PASS
Band41	10MHz	16QAM	40682	25RB#25	20.77	PASS
Band41	10MHz	QPSK	40682	50RB#0	21.47	PASS
Band41	10MHz	16QAM	40682	50RB#0	20.80	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.96	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.83	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.82	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.97	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.81	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.84	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.18	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.85	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.15	PASS

Band41	10MHz	QPSK	41540	25RB#25	20.93	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.89	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.23	PASS
Band41	15MHz	QPSK	39848	1RB#0	22.76	PASS
Band41	15MHz	16QAM	39848	1RB#0	22.17	PASS
Band41	15MHz	QPSK	39848	1RB#38	22.69	PASS
Band41	15MHz	16QAM	39848	1RB#38	22.16	PASS
Band41	15MHz	QPSK	39848	1RB#74	22.65	PASS
Band41	15MHz	16QAM	39848	1RB#74	21.81	PASS
Band41	15MHz	QPSK	39848	38RB#0	21.36	PASS
Band41	15MHz	16QAM	39848	38RB#0	21.36	PASS
Band41	15MHz	QPSK	39848	38RB#18	21.36	PASS
Band41	15MHz	16QAM	39848	38RB#18	21.35	PASS
Band41	15MHz	QPSK	39848	38RB#37	21.35	PASS
Band41	15MHz	16QAM	39848	38RB#37	21.35	PASS
Band41	15MHz	QPSK	39848	75RB#0	21.35	PASS
Band41	15MHz	16QAM	39848	75RB#0	20.89	PASS
Band41	15MHz	QPSK	40682	1RB#0	22.64	PASS
Band41	15MHz	16QAM	40682	1RB#0	22.57	PASS
Band41	15MHz	QPSK	40682	1RB#38	22.59	PASS
Band41	15MHz	16QAM	40682	1RB#38	22.55	PASS
Band41	15MHz	QPSK	40682	1RB#74	22.56	PASS
Band41	15MHz	16QAM	40682	1RB#74	22.40	PASS
Band41	15MHz	QPSK	40682	38RB#0	21.48	PASS
Band41	15MHz	16QAM	40682	38RB#0	21.45	PASS
Band41	15MHz	QPSK	40682	38RB#18	21.45	PASS
Band41	15MHz	16QAM	40682	38RB#18	21.45	PASS
Band41	15MHz	QPSK	40682	38RB#37	21.45	PASS
Band41	15MHz	16QAM	40682	38RB#37	21.32	PASS
Band41	15MHz	QPSK	40682	75RB#0	21.32	PASS
Band41	15MHz	16QAM	40682	75RB#0	20.76	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.03	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.81	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.06	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.88	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.84	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.85	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.85	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.85	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.86	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.86	PASS

Band41	15MHz	16QAM	41515	38RB#37	20.86	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.86	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.24	PASS
Band41	20MHz	QPSK	39873	1RB#0	22.32	PASS
Band41	20MHz	16QAM	39873	1RB#0	21.76	PASS
Band41	20MHz	QPSK	39873	1RB#49	22.22	PASS
Band41	20MHz	16QAM	39873	1RB#49	21.67	PASS
Band41	20MHz	QPSK	39873	1RB#99	22.25	PASS
Band41	20MHz	16QAM	39873	1RB#99	21.81	PASS
Band41	20MHz	QPSK	39873	50RB#0	21.63	PASS
Band41	20MHz	16QAM	39873	50RB#0	21.07	PASS
Band41	20MHz	QPSK	39873	50RB#25	21.62	PASS
Band41	20MHz	16QAM	39873	50RB#25	21.06	PASS
Band41	20MHz	QPSK	39873	50RB#50	21.69	PASS
Band41	20MHz	16QAM	39873	50RB#50	21.17	PASS
Band41	20MHz	QPSK	39873	100RB#0	21.70	PASS
Band41	20MHz	16QAM	39873	100RB#0	21.04	PASS
Band41	20MHz	QPSK	40682	1RB#0	22.38	PASS
Band41	20MHz	16QAM	40682	1RB#0	22.74	PASS
Band41	20MHz	QPSK	40682	1RB#49	22.29	PASS
Band41	20MHz	16QAM	40682	1RB#49	22.69	PASS
Band41	20MHz	QPSK	40682	1RB#99	22.17	PASS
Band41	20MHz	16QAM	40682	1RB#99	22.50	PASS
Band41	20MHz	QPSK	40682	50RB#0	21.55	PASS
Band41	20MHz	16QAM	40682	50RB#0	21.00	PASS
Band41	20MHz	QPSK	40682	50RB#25	21.56	PASS
Band41	20MHz	16QAM	40682	50RB#25	21.00	PASS
Band41	20MHz	QPSK	40682	50RB#50	21.42	PASS
Band41	20MHz	16QAM	40682	50RB#50	20.89	PASS
Band41	20MHz	QPSK	40682	100RB#0	21.46	PASS
Band41	20MHz	16QAM	40682	100RB#0	20.93	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.65	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.88	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.64	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.94	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.67	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.91	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.86	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.34	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.88	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.34	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.96	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.42	PASS

Band41	20MHz	QPSK	41490	100RB#0	20.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.27	PASS

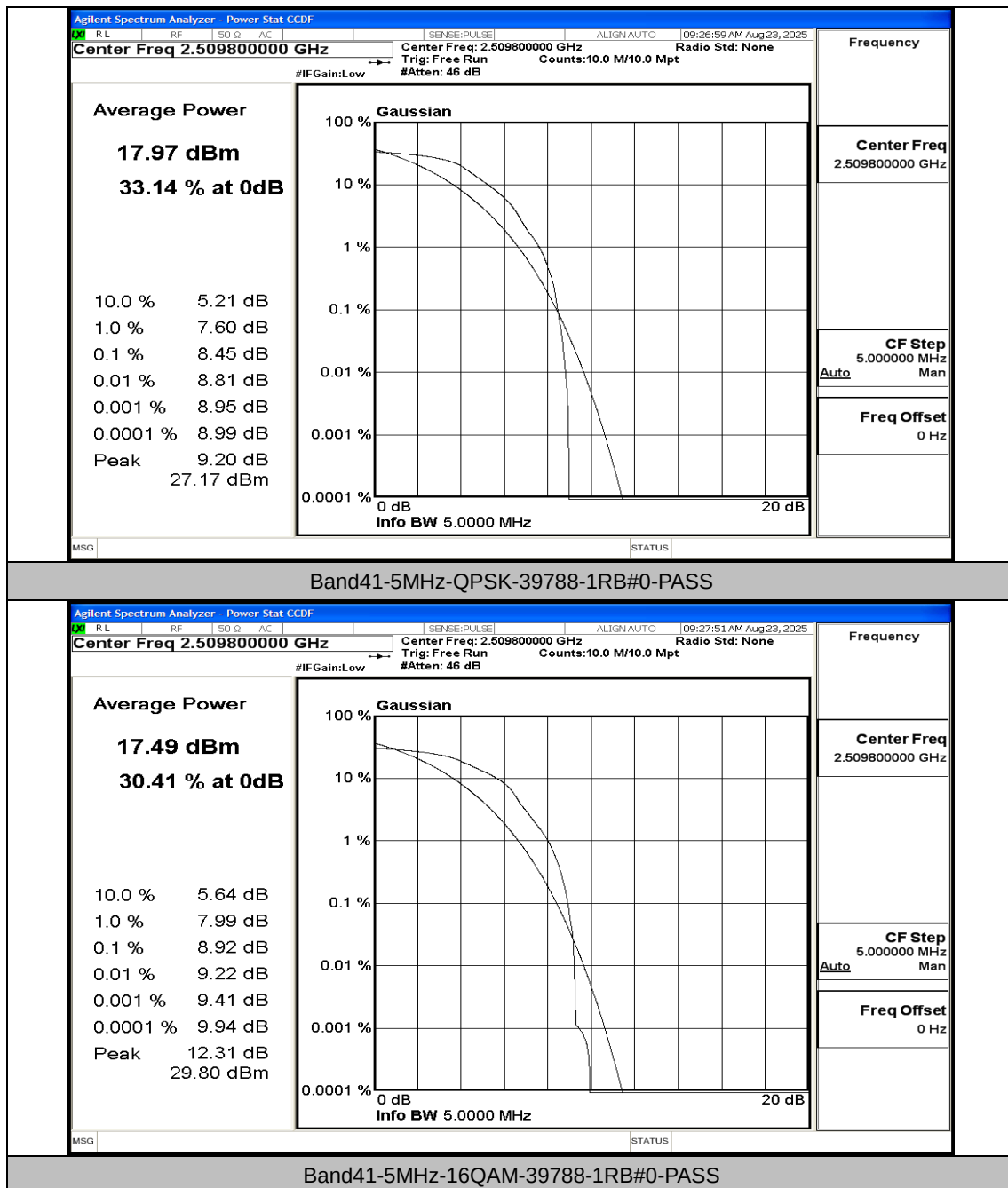
Appendix B: Peak-to-Average Ratio(CCDF)

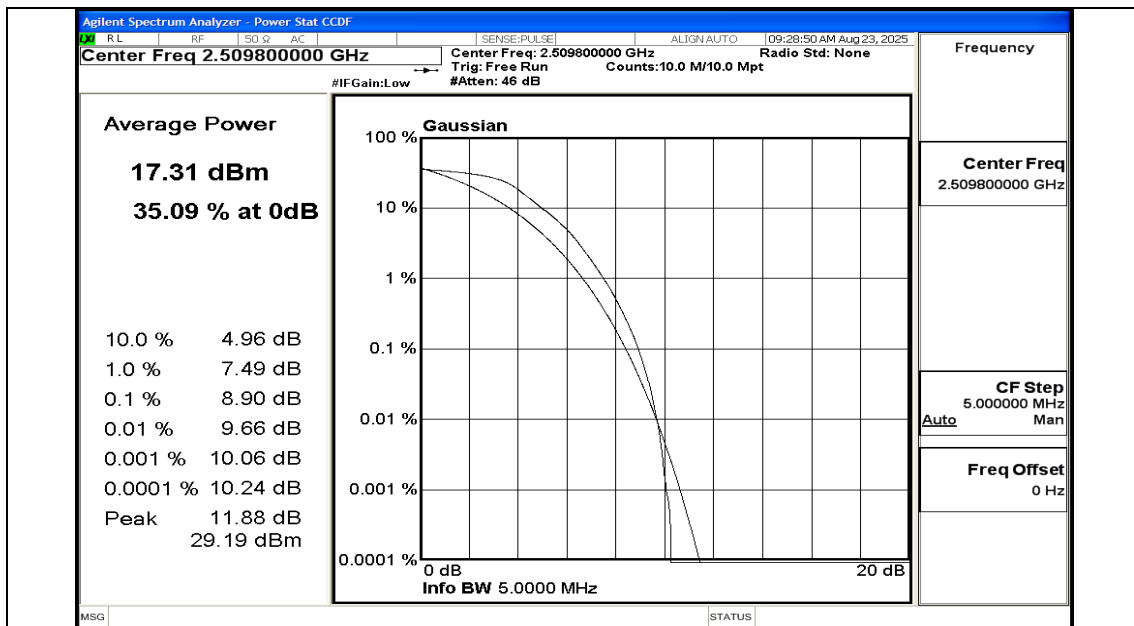
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39788	1RB#0	8.45	13	PASS
Band41	5MHz	16QAM	39788	1RB#0	8.92	13	PASS
Band41	5MHz	QPSK	39788	25RB#0	8.90	13	PASS
Band41	5MHz	16QAM	39788	25RB#0	9.73	13	PASS
Band41	5MHz	QPSK	40677	1RB#0	8.66	13	PASS
Band41	5MHz	16QAM	40677	1RB#0	9.04	13	PASS
Band41	5MHz	QPSK	40677	25RB#0	8.94	13	PASS
Band41	5MHz	16QAM	40677	25RB#0	9.64	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.24	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.88	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.07	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.63	13	PASS
Band41	10MHz	QPSK	39823	1RB#0	8.16	13	PASS
Band41	10MHz	16QAM	39823	1RB#0	9.11	13	PASS
Band41	10MHz	QPSK	39823	50RB#0	9.02	13	PASS
Band41	10MHz	16QAM	39823	50RB#0	9.73	13	PASS
Band41	10MHz	QPSK	40682	1RB#0	8.42	13	PASS
Band41	10MHz	16QAM	40682	1RB#0	8.74	13	PASS
Band41	10MHz	QPSK	40682	50RB#0	9.24	13	PASS
Band41	10MHz	16QAM	40682	50RB#0	9.71	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.38	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.91	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.04	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.96	13	PASS
Band41	15MHz	QPSK	39848	1RB#0	8.04	13	PASS
Band41	15MHz	16QAM	39848	1RB#0	8.89	13	PASS
Band41	15MHz	QPSK	39848	75RB#0	9.38	13	PASS
Band41	15MHz	16QAM	39848	75RB#0	9.75	13	PASS
Band41	15MHz	QPSK	40682	1RB#0	8.73	13	PASS
Band41	15MHz	16QAM	40682	1RB#0	8.24	13	PASS
Band41	15MHz	QPSK	40682	75RB#0	9.43	13	PASS
Band41	15MHz	16QAM	40682	75RB#0	9.96	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.43	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.76	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.56	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.09	13	PASS

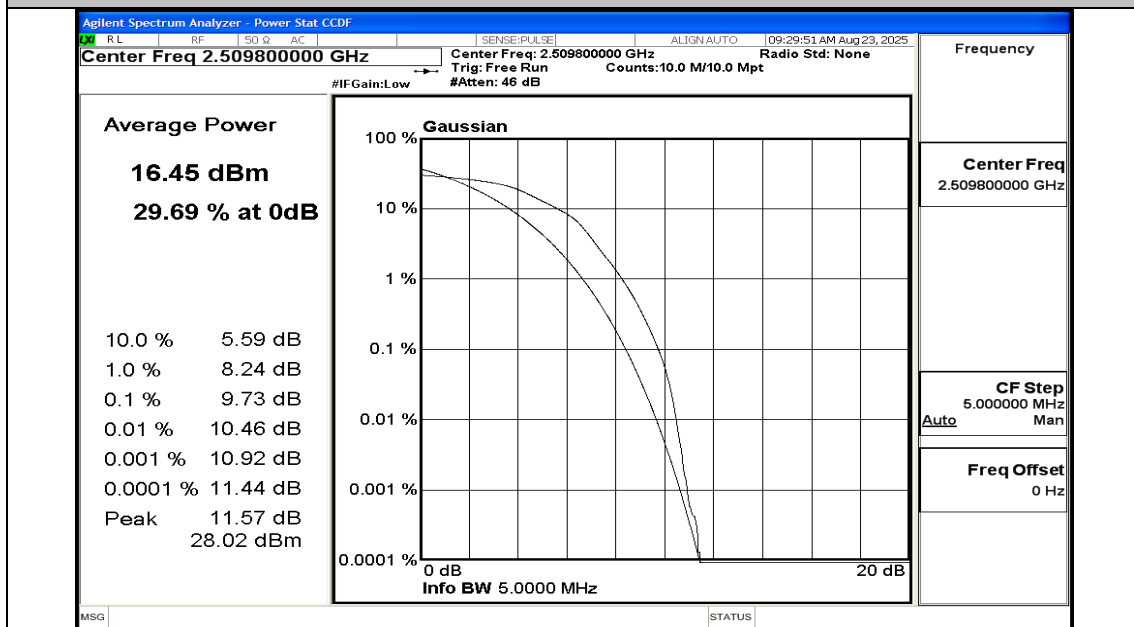
Band41	20MHz	QPSK	39873	1RB#0	8.56	13	PASS
Band41	20MHz	16QAM	39873	1RB#0	8.81	13	PASS
Band41	20MHz	QPSK	39873	100RB#0	9.04	13	PASS
Band41	20MHz	16QAM	39873	100RB#0	9.58	13	PASS
Band41	20MHz	QPSK	40682	1RB#0	8.20	13	PASS
Band41	20MHz	16QAM	40682	1RB#0	8.44	13	PASS
Band41	20MHz	QPSK	40682	100RB#0	8.80	13	PASS
Band41	20MHz	16QAM	40682	100RB#0	9.64	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.98	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.39	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.98	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.81	13	PASS

Test Graphs

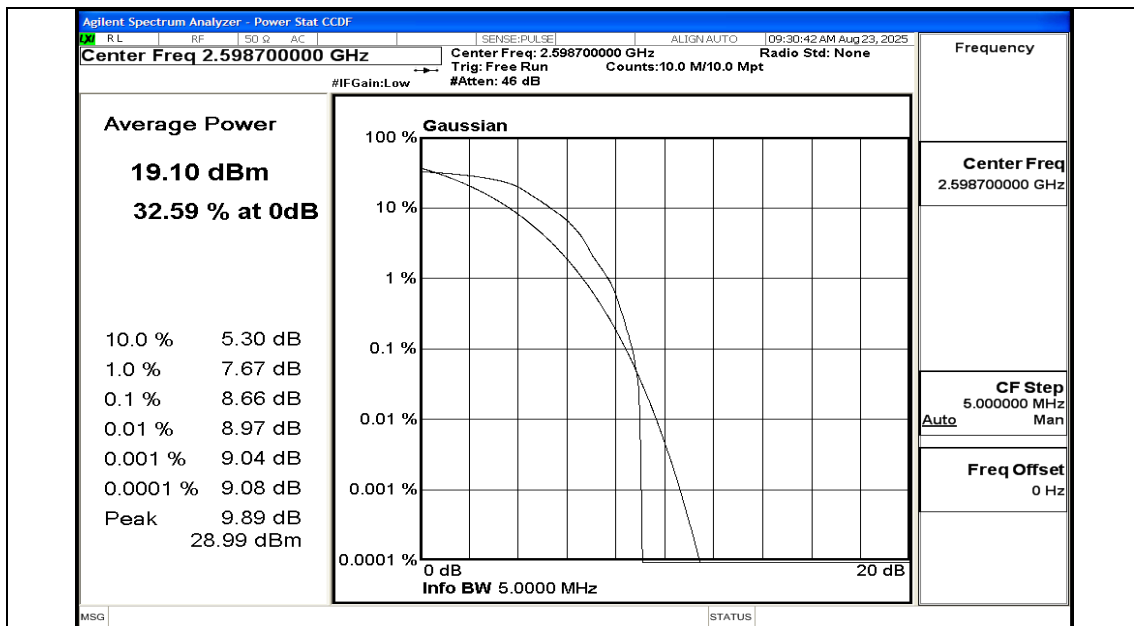




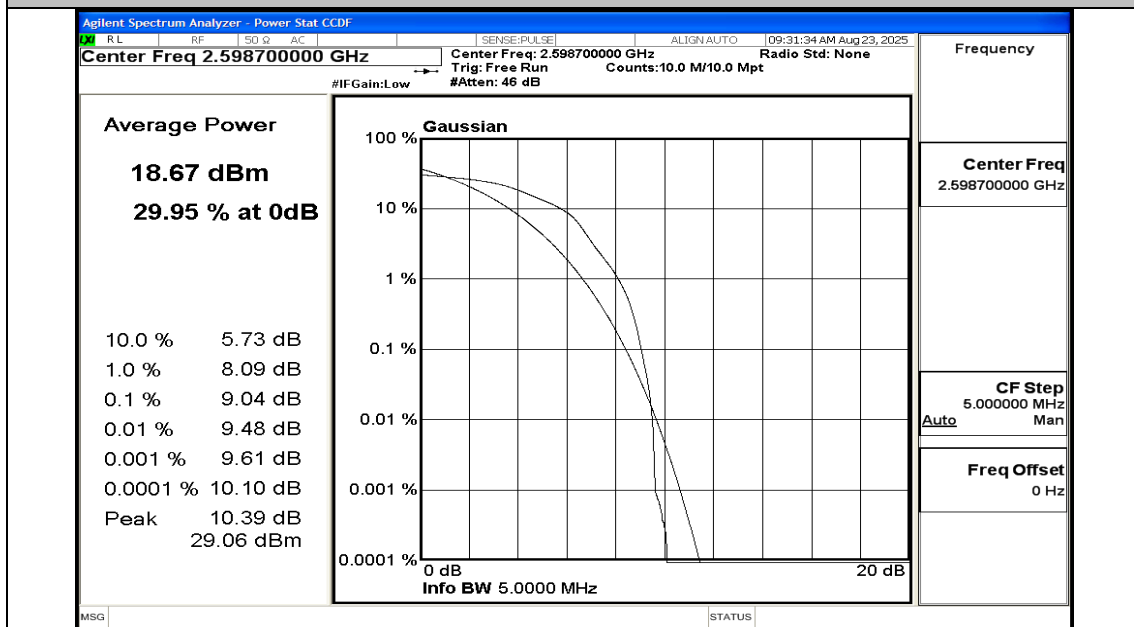
Band41-5MHz-QPSK-39788-25RB#0-PASS



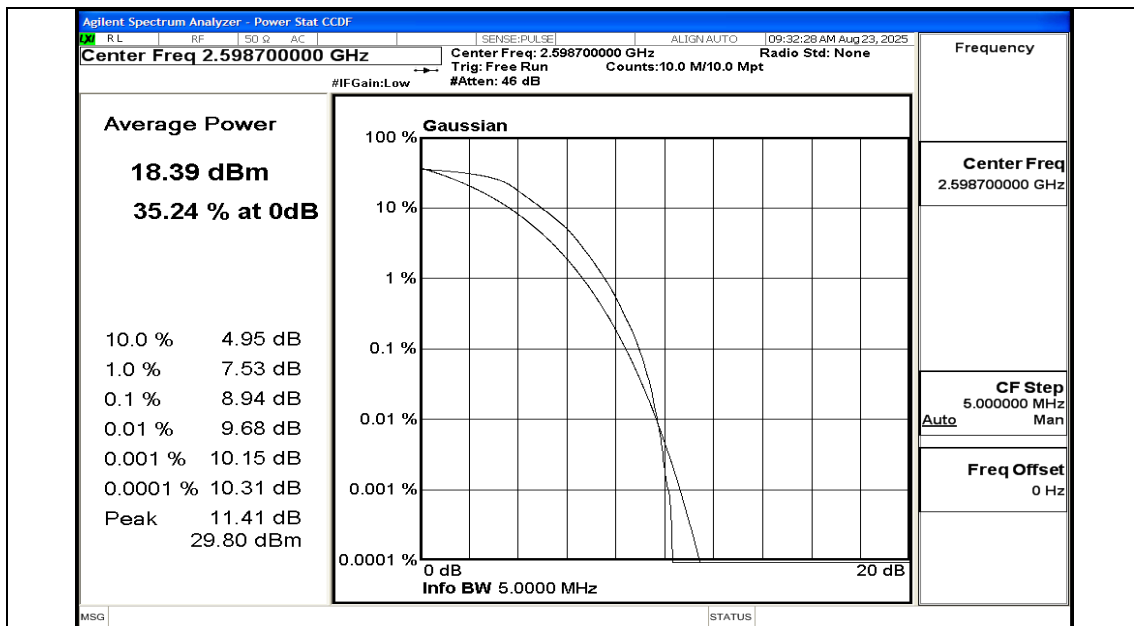
Band41-5MHz-16QAM-39788-25RB#0-PASS



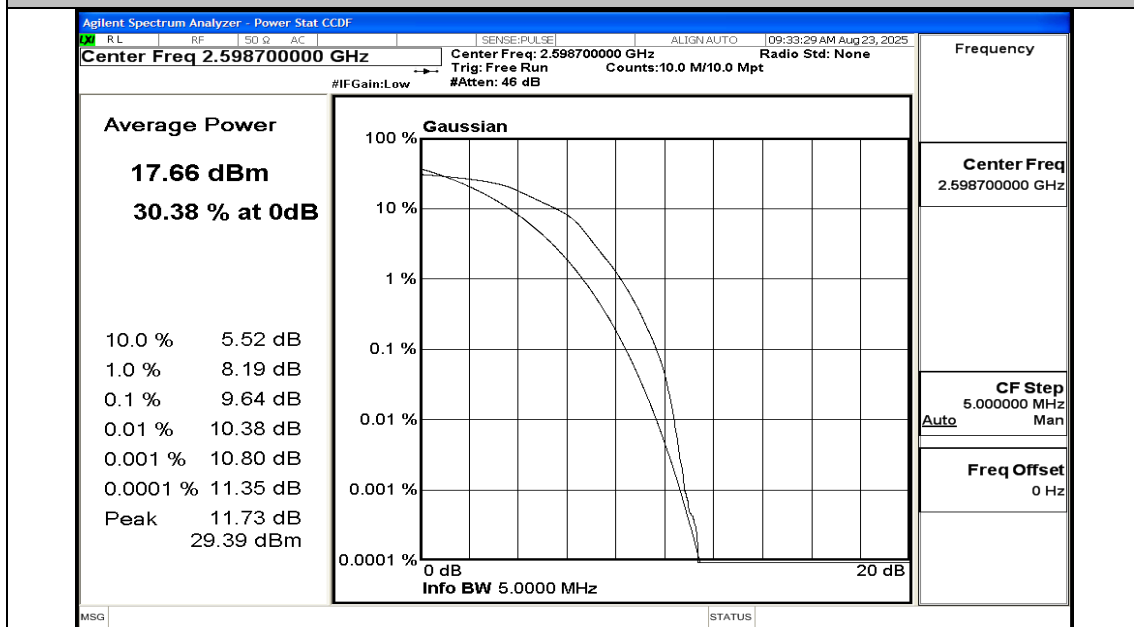
Band41-5MHz-QPSK-40677-1RB#0-PASS



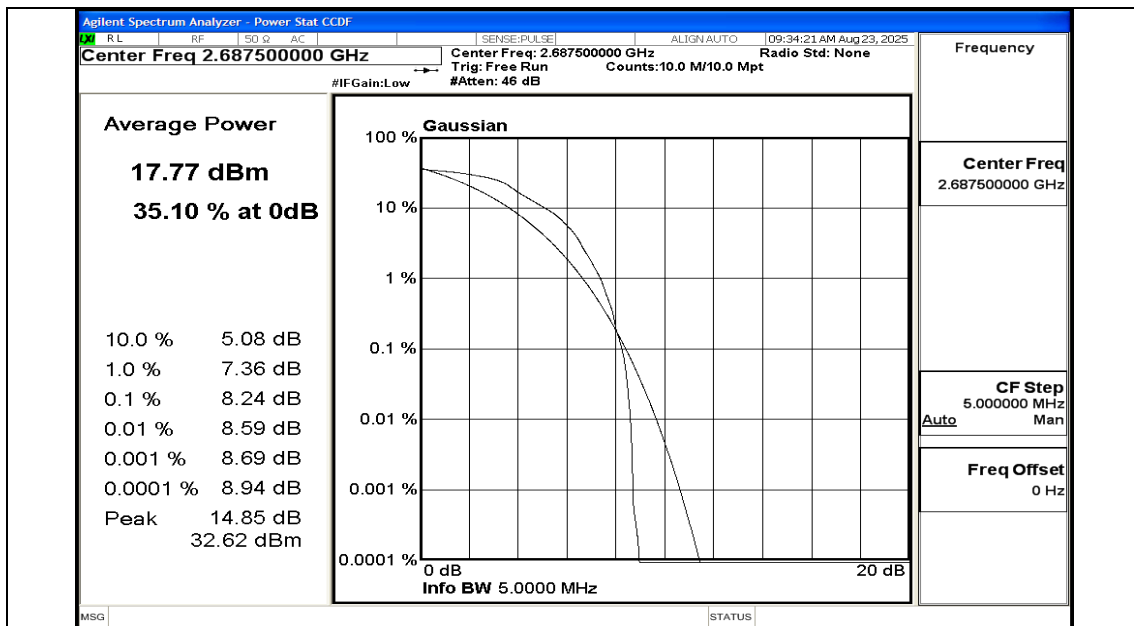
Band41-5MHz-16QAM-40677-1RB#0-PASS



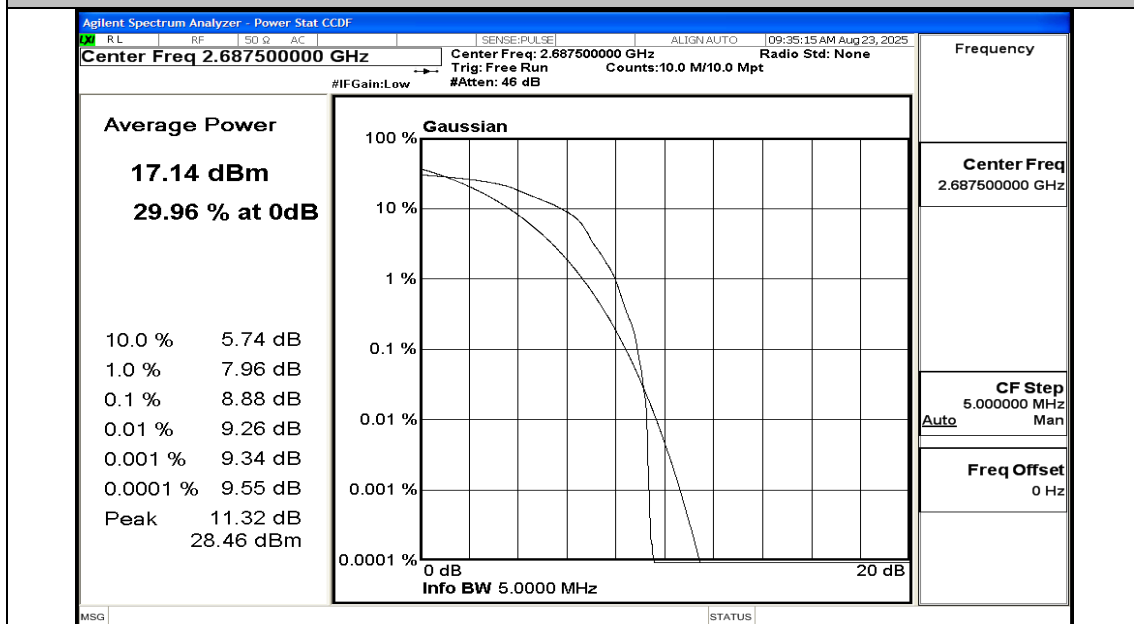
Band41-5MHz-QPSK-40677-25RB#0-PASS



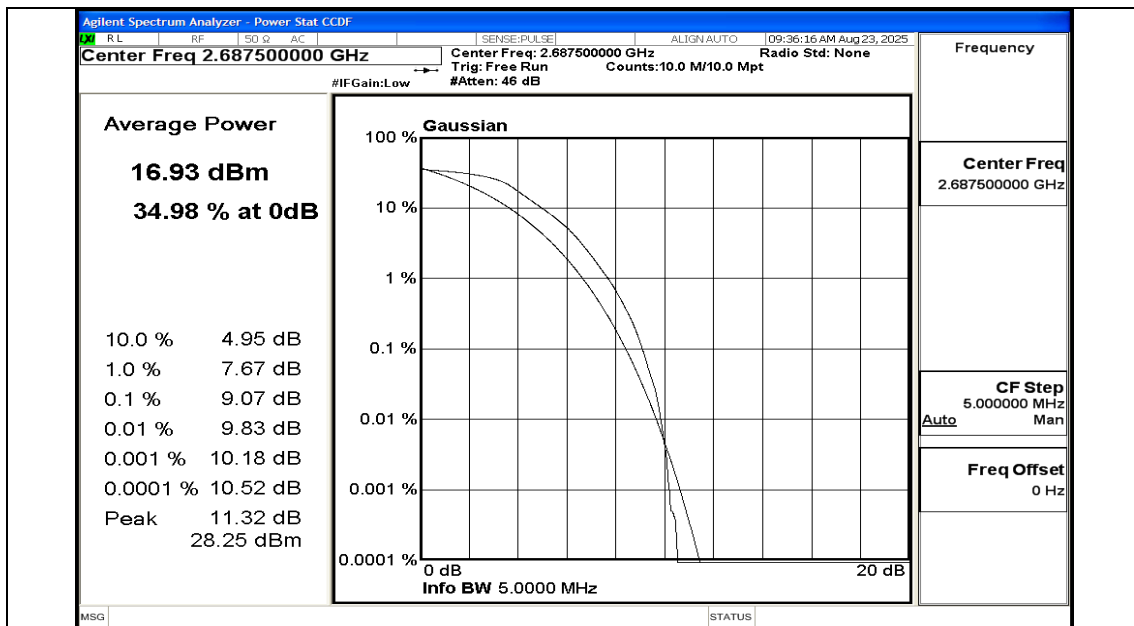
Band41-5MHz-16QAM-40677-25RB#0-PASS



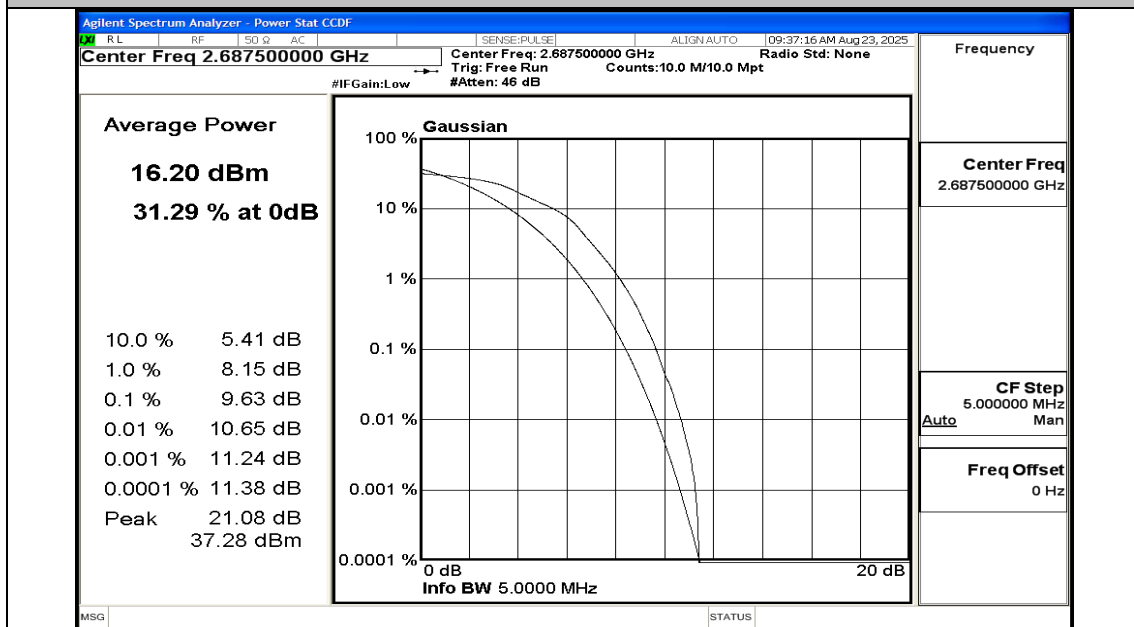
Band41-5MHz-QPSK-41565-1RB#0-PASS



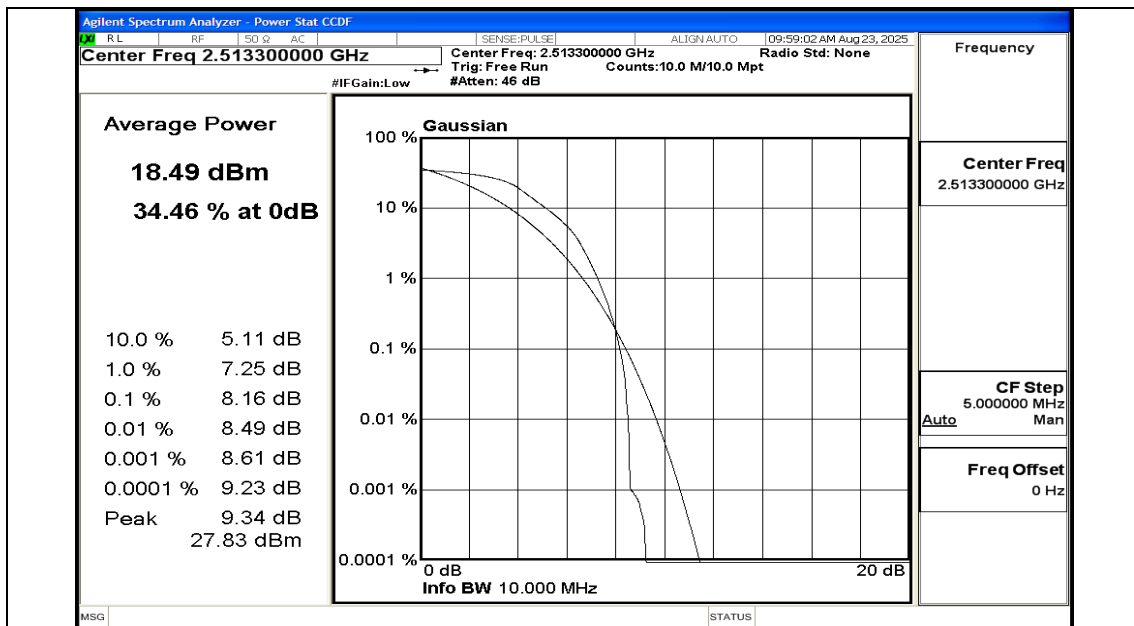
Band41-5MHz-16QAM-41565-1RB#0-PASS



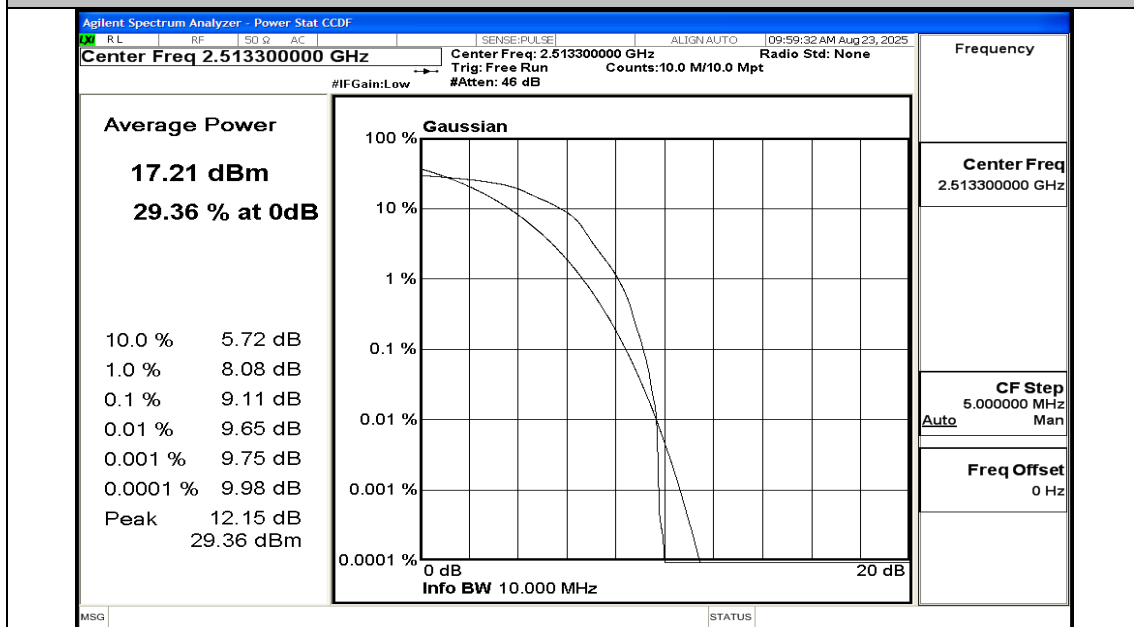
Band41-5MHz-QPSK-41565-25RB#0-PASS



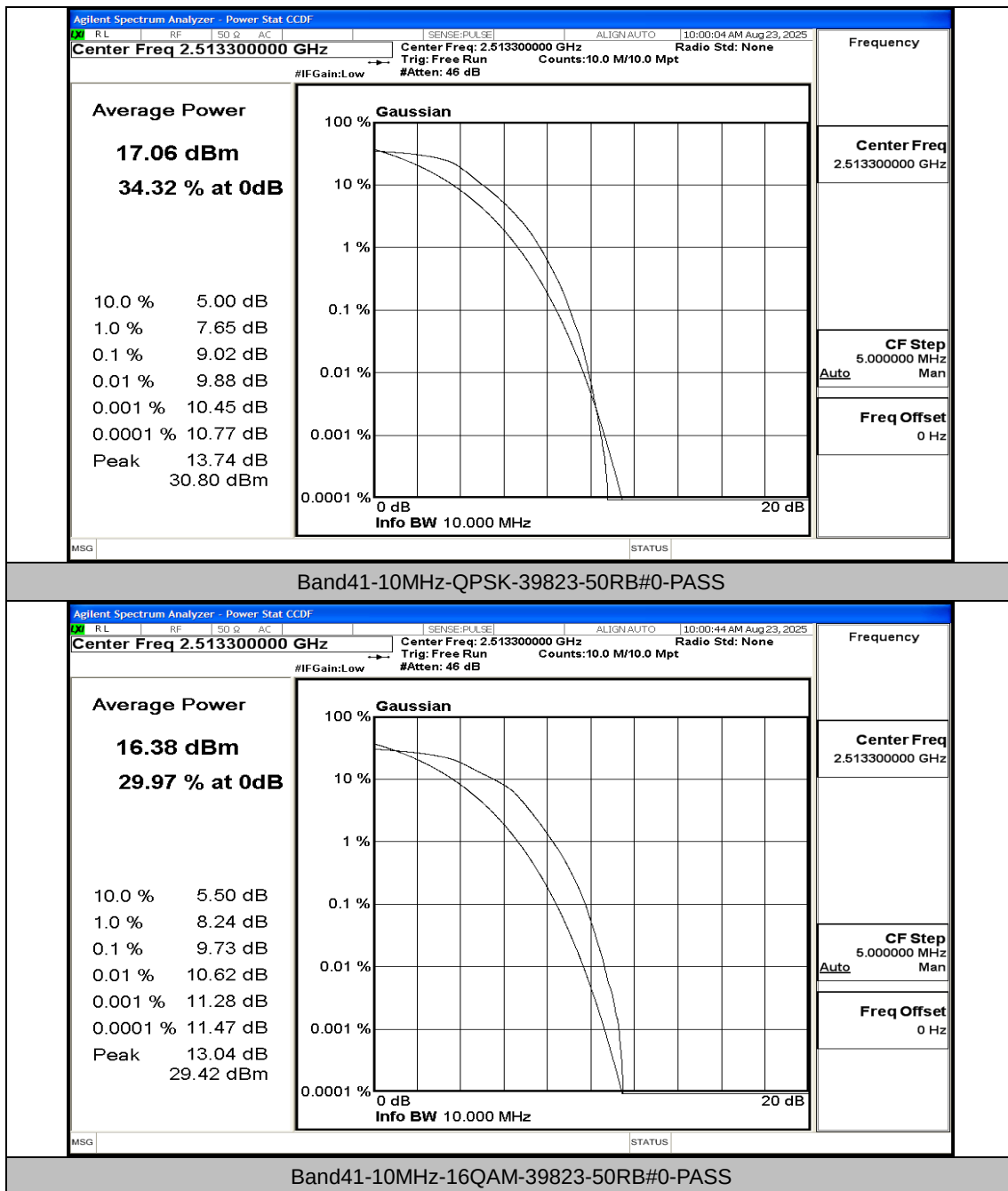
Band41-5MHz-16QAM-41565-25RB#0-PASS

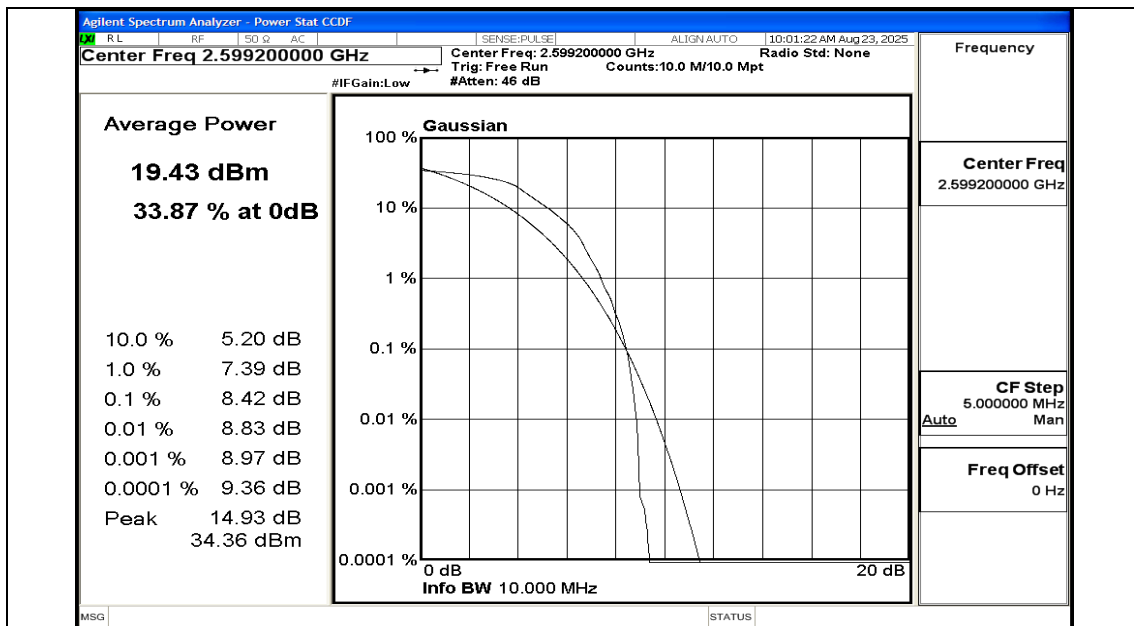


Band41-10MHz-QPSK-39823-1RB#0-PASS

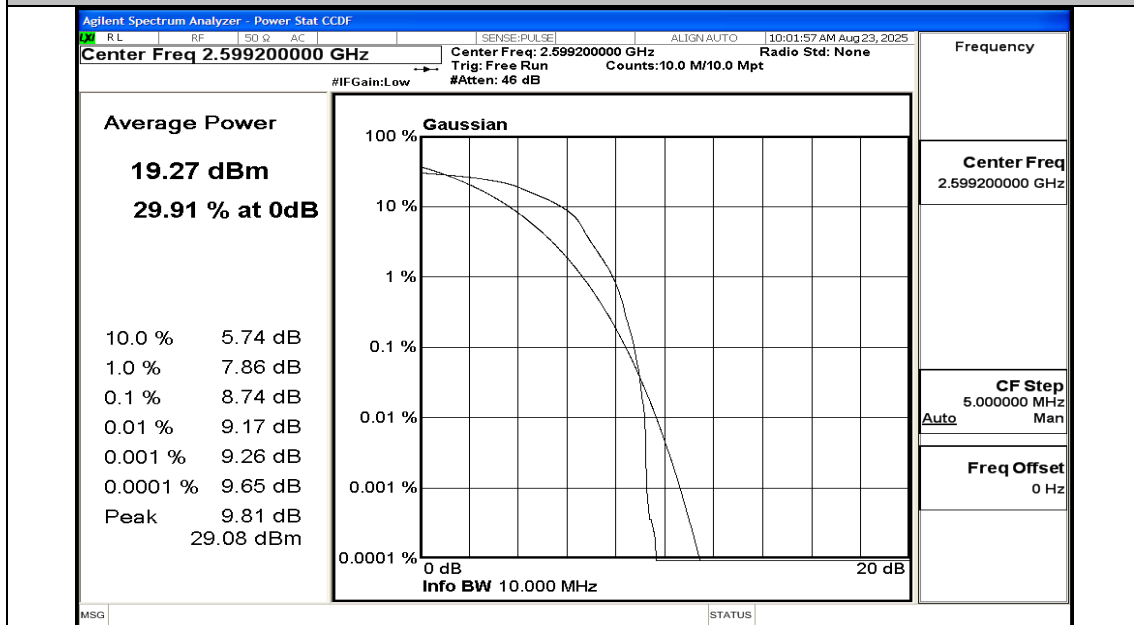


Band41-10MHz-16QAM-39823-1RB#0-PASS

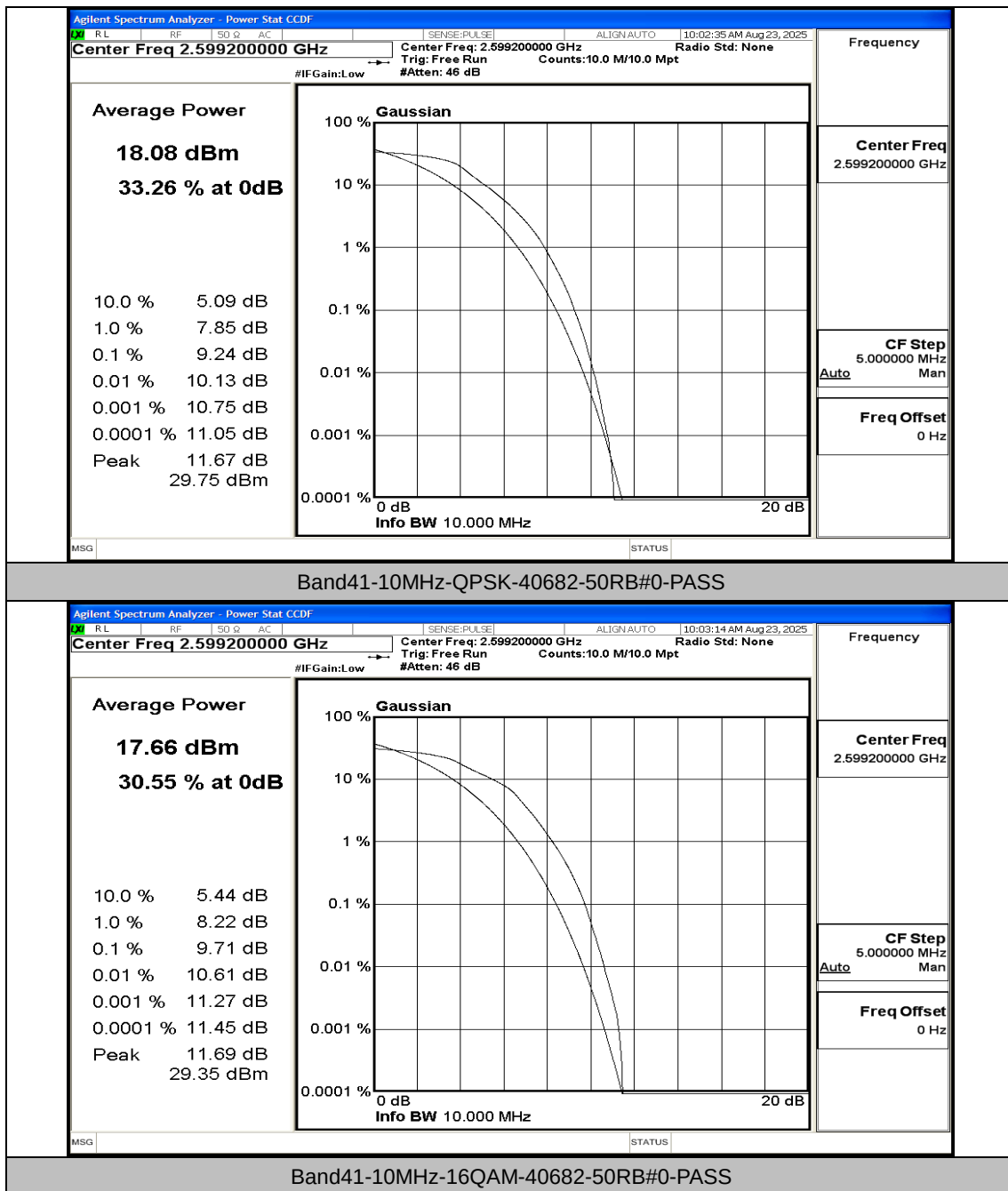


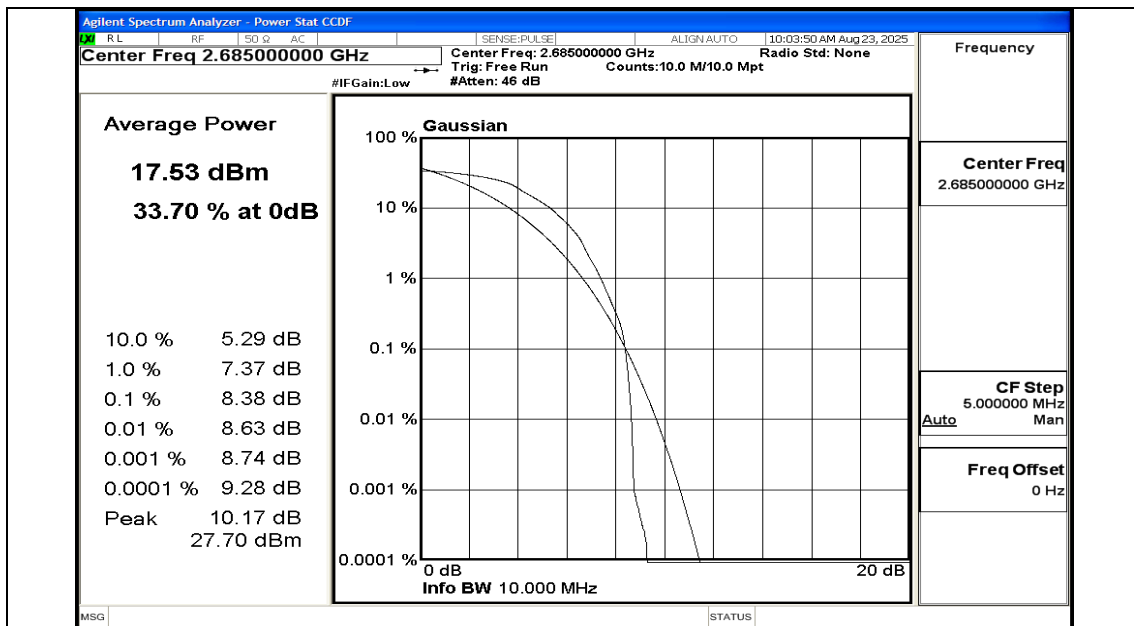


Band41-10MHz-QPSK-40682-1RB#0-PASS

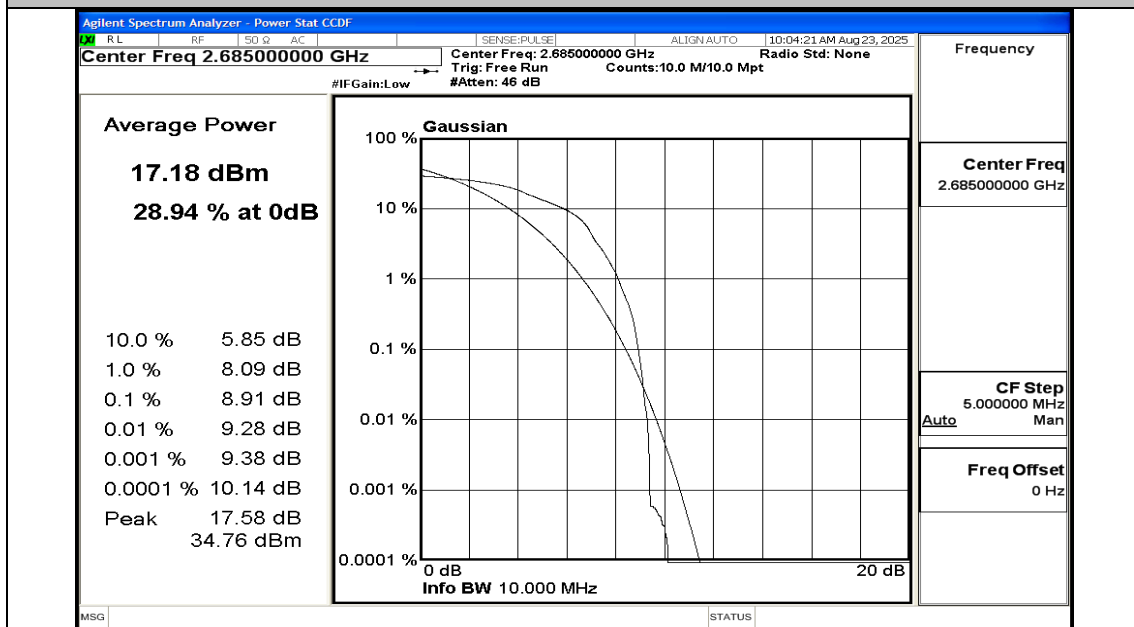


Band41-10MHz-16QAM-40682-1RB#0-PASS

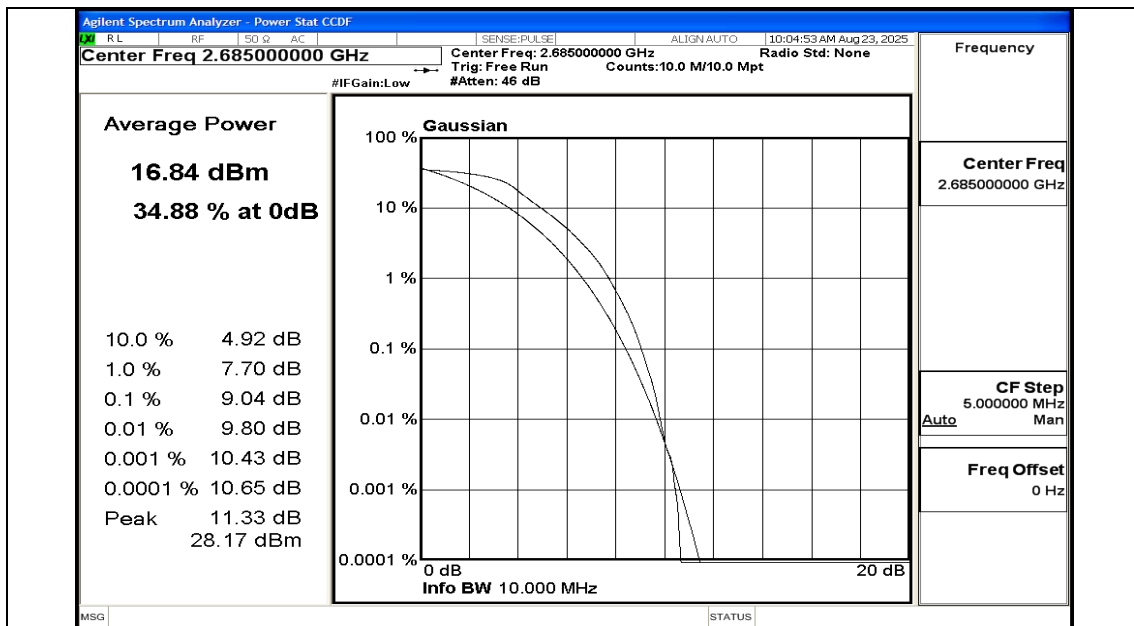




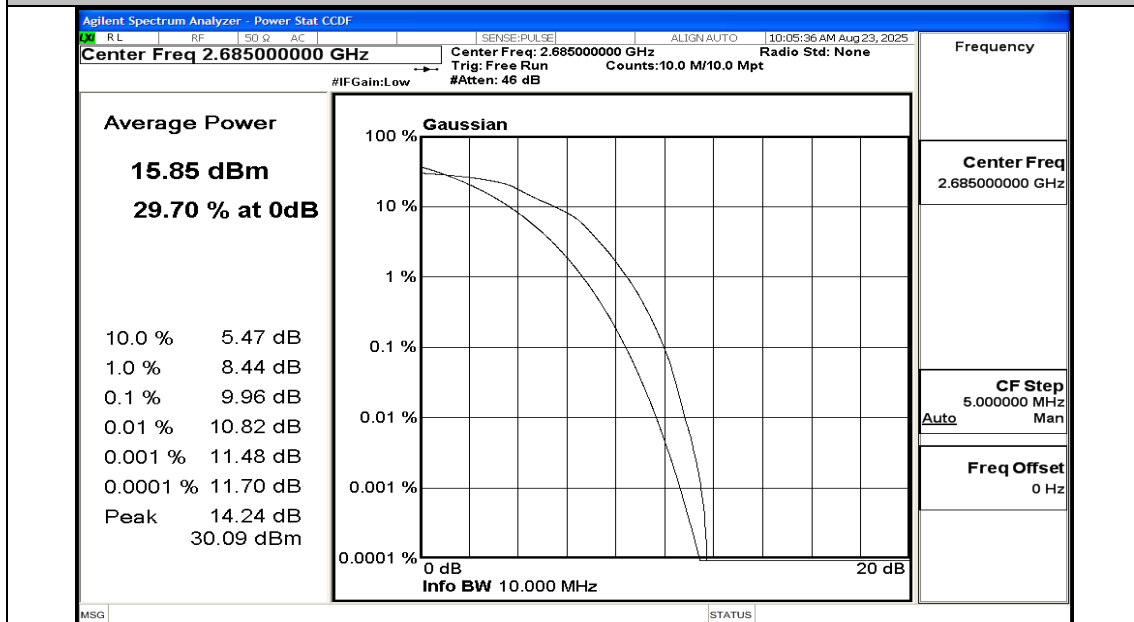
Band41-10MHz-QPSK-41540-1RB#0-PASS



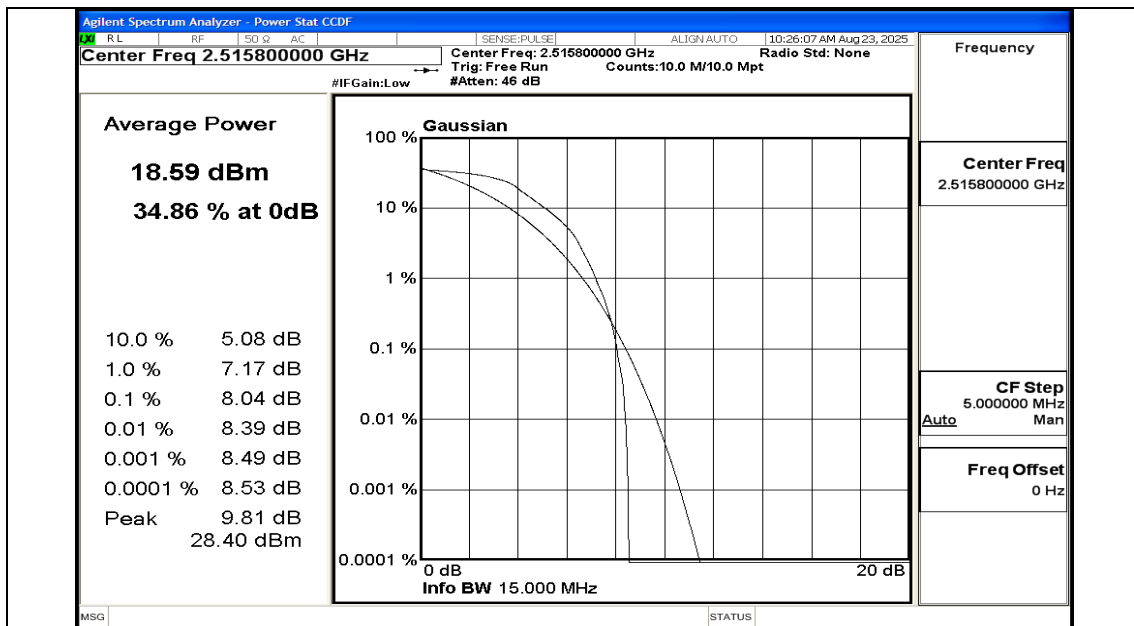
Band41-10MHz-16QAM-41540-1RB#0-PASS



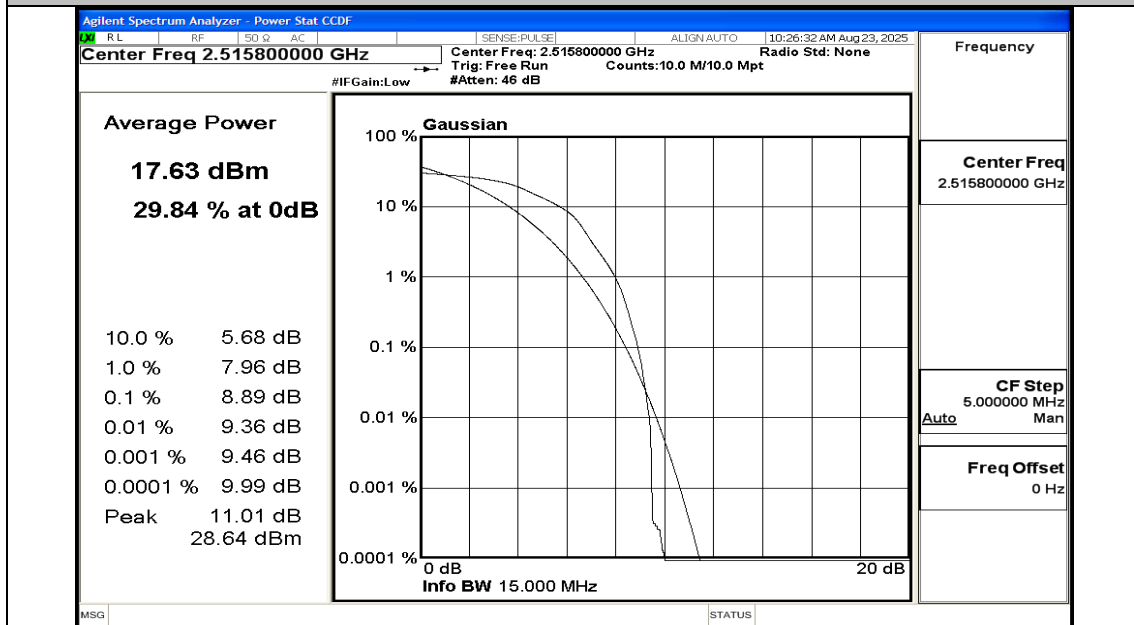
Band41-10MHz-QPSK-41540-50RB#0-PASS



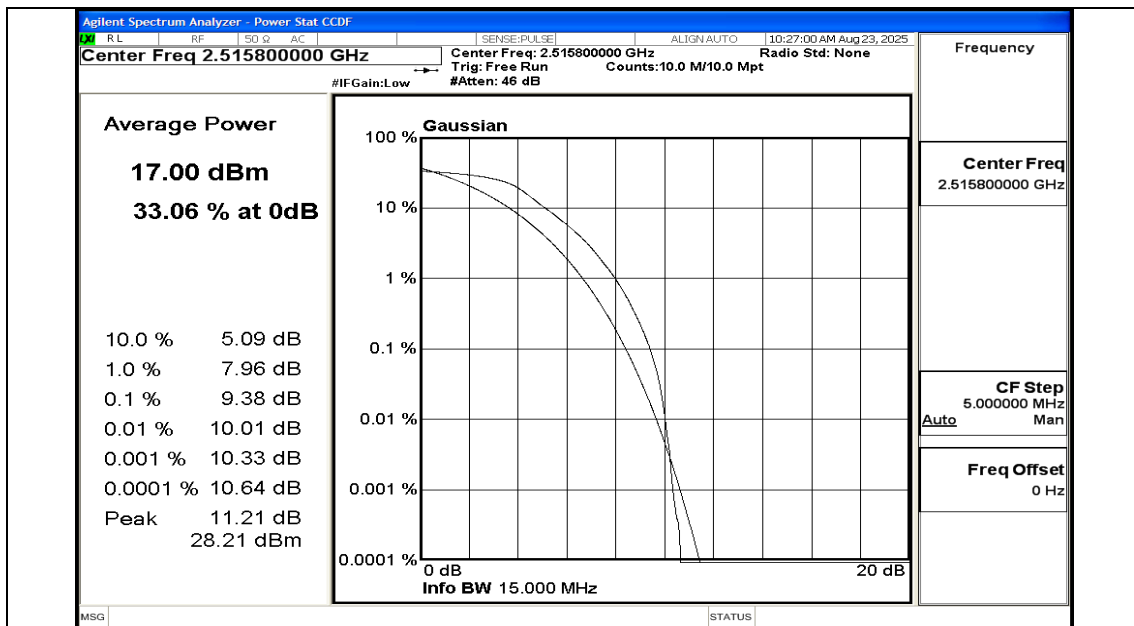
Band41-10MHz-16QAM-41540-50RB#0-PASS



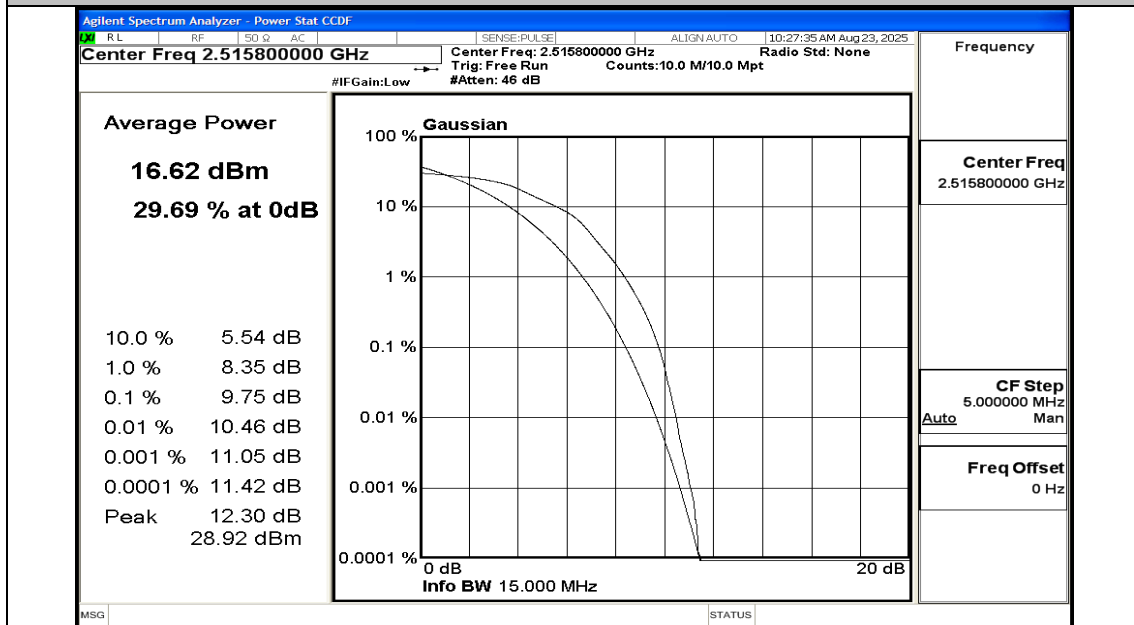
Band41-15MHz-QPSK-39848-1RB#0-PASS



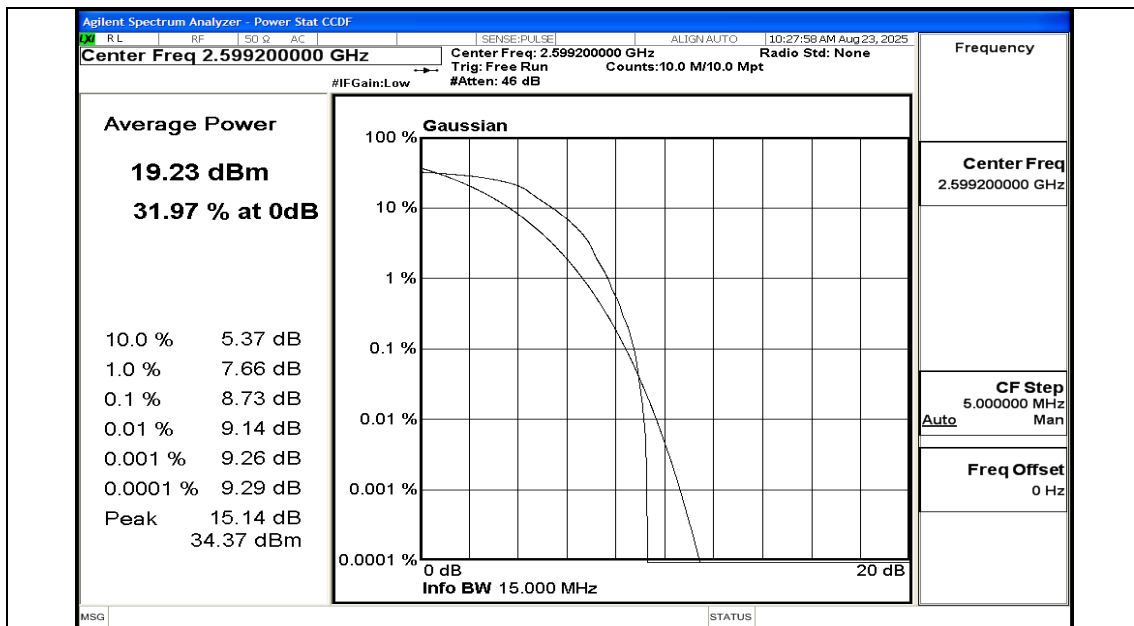
Band41-15MHz-16QAM-39848-1RB#0-PASS



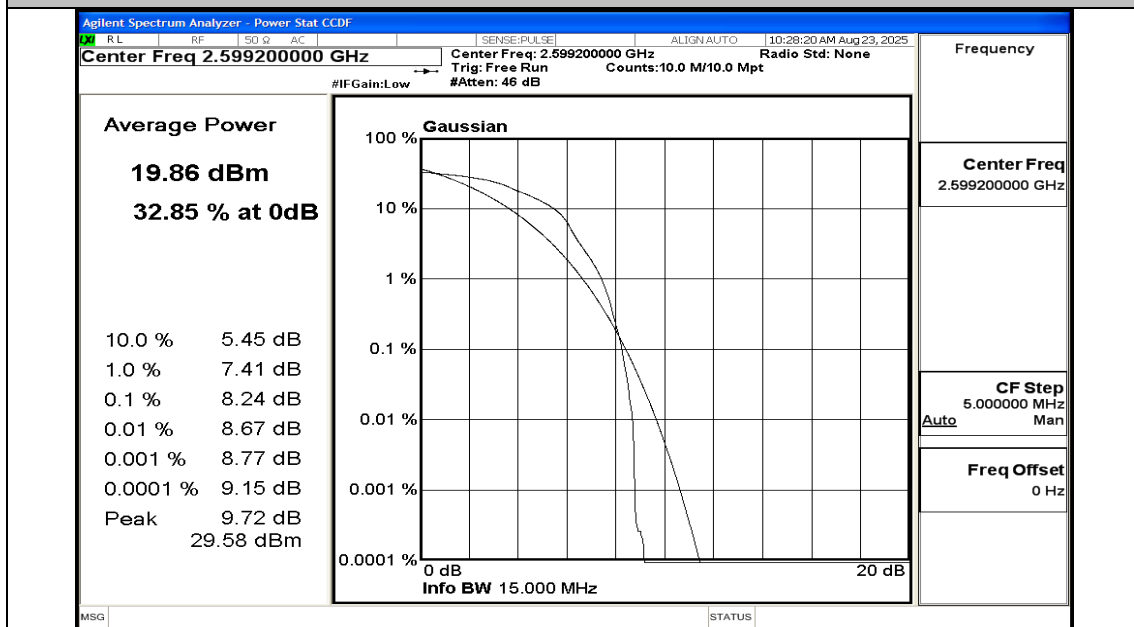
Band41-15MHz-QPSK-39848-75RB#0-PASS



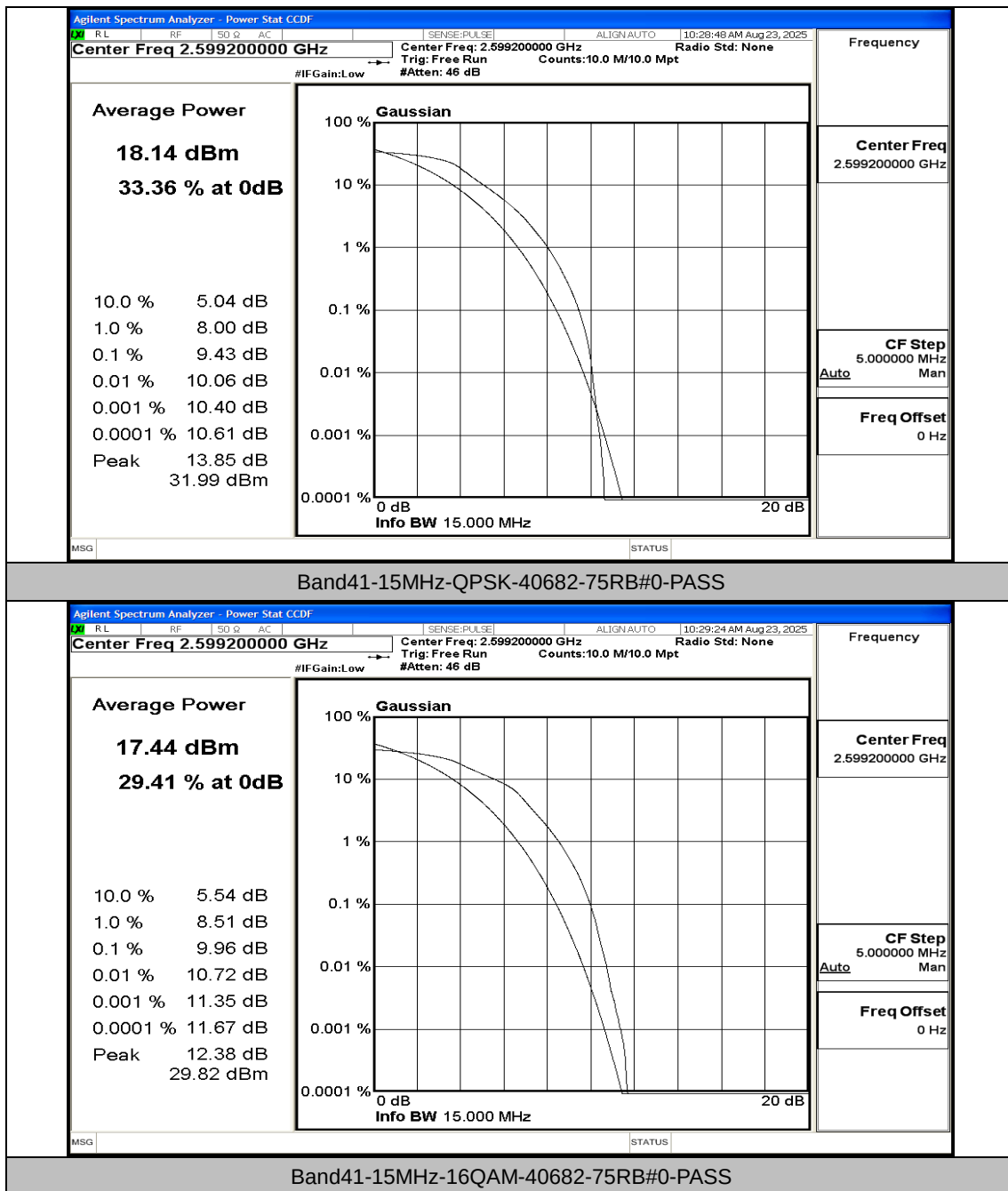
Band41-15MHz-16QAM-39848-75RB#0-PASS

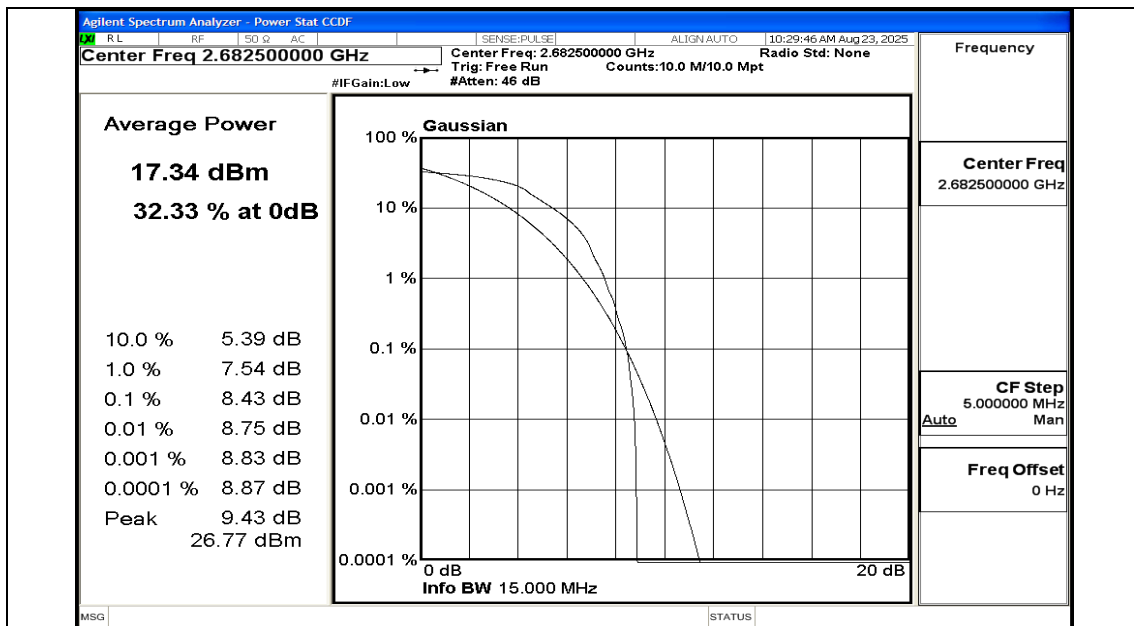


Band41-15MHz-QPSK-40682-1RB#0-PASS

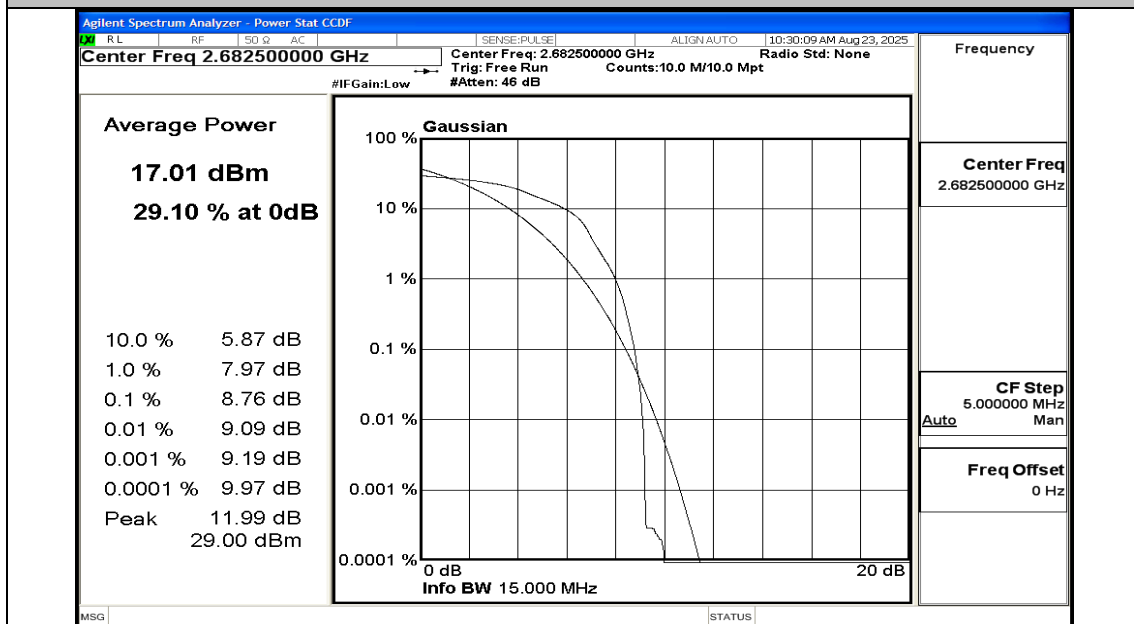


Band41-15MHz-16QAM-40682-1RB#0-PASS

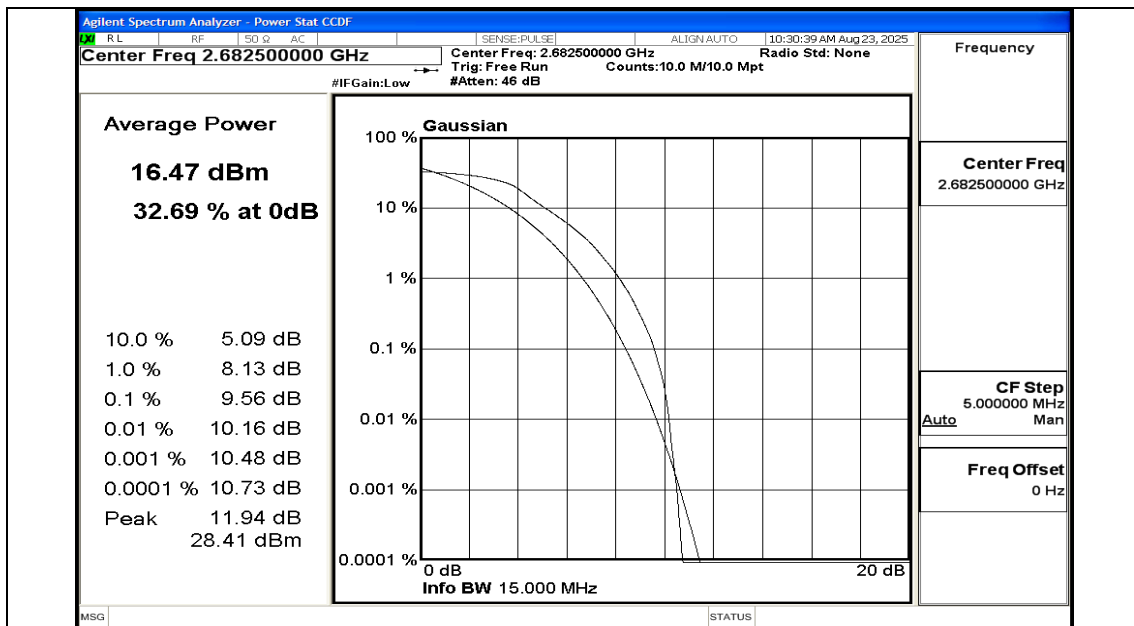




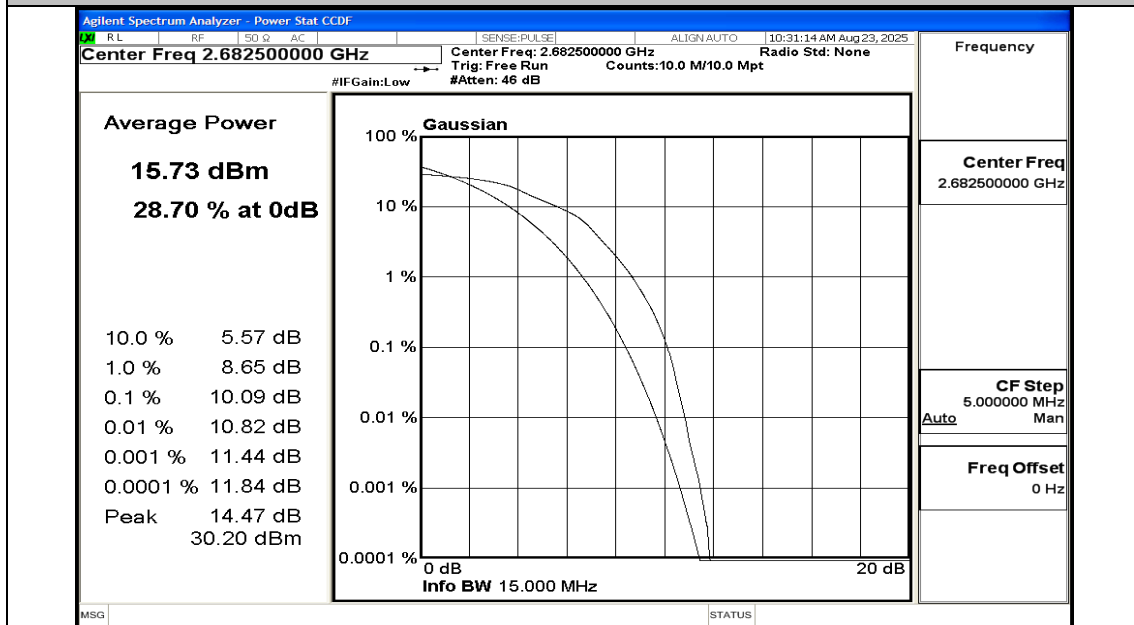
Band41-15MHz-QPSK-41515-1RB#0-PASS



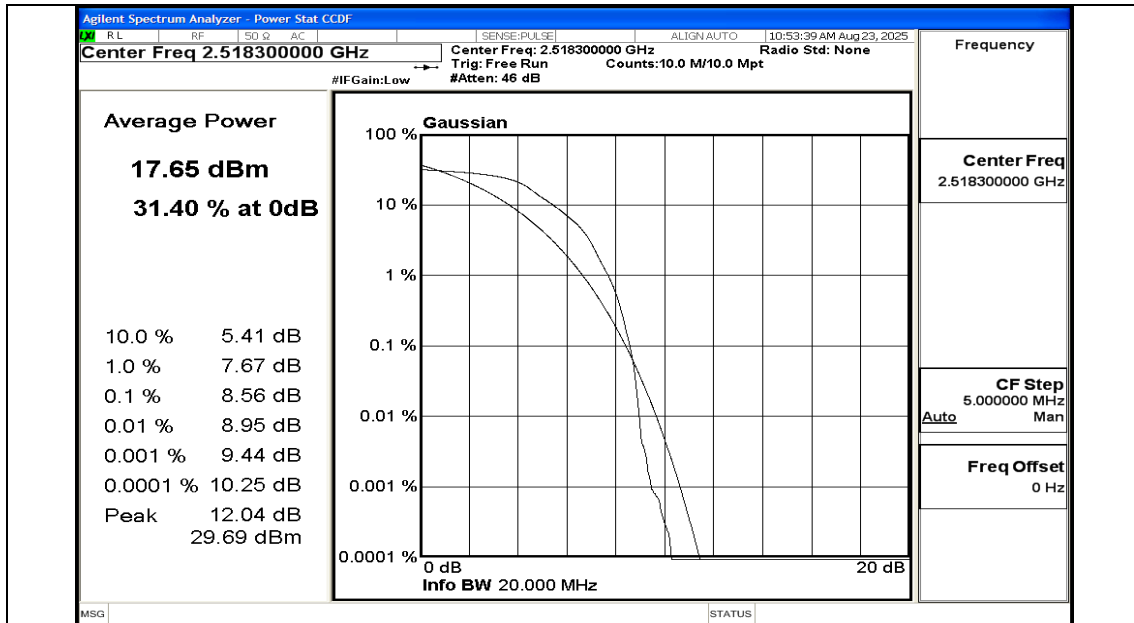
Band41-15MHz-16QAM-41515-1RB#0-PASS



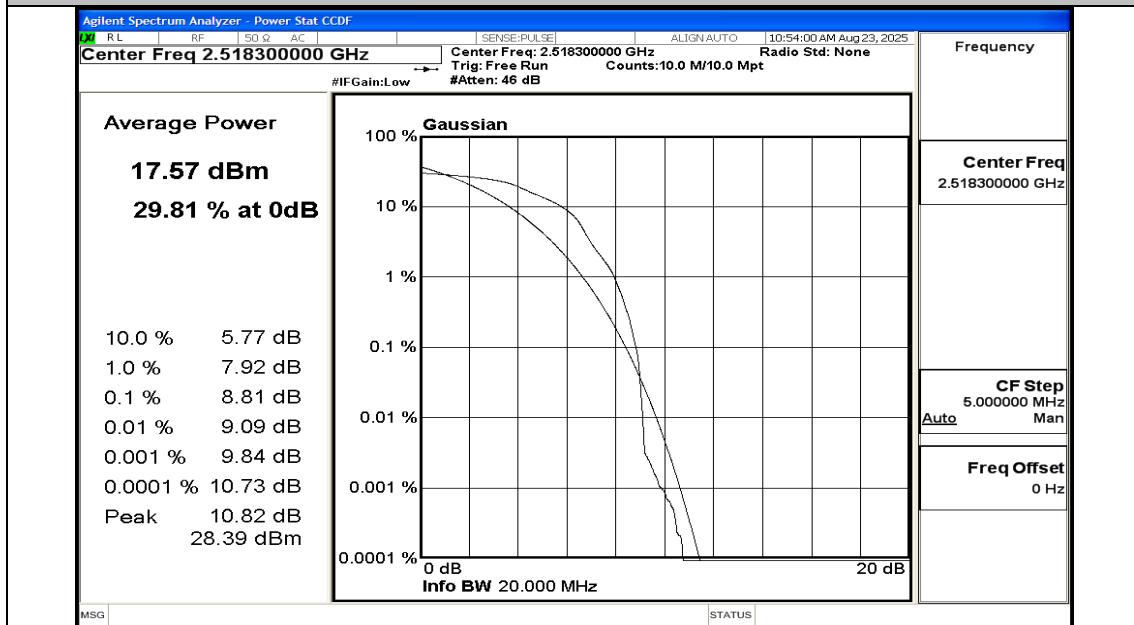
Band41-15MHz-QPSK-41515-75RB#0-PASS



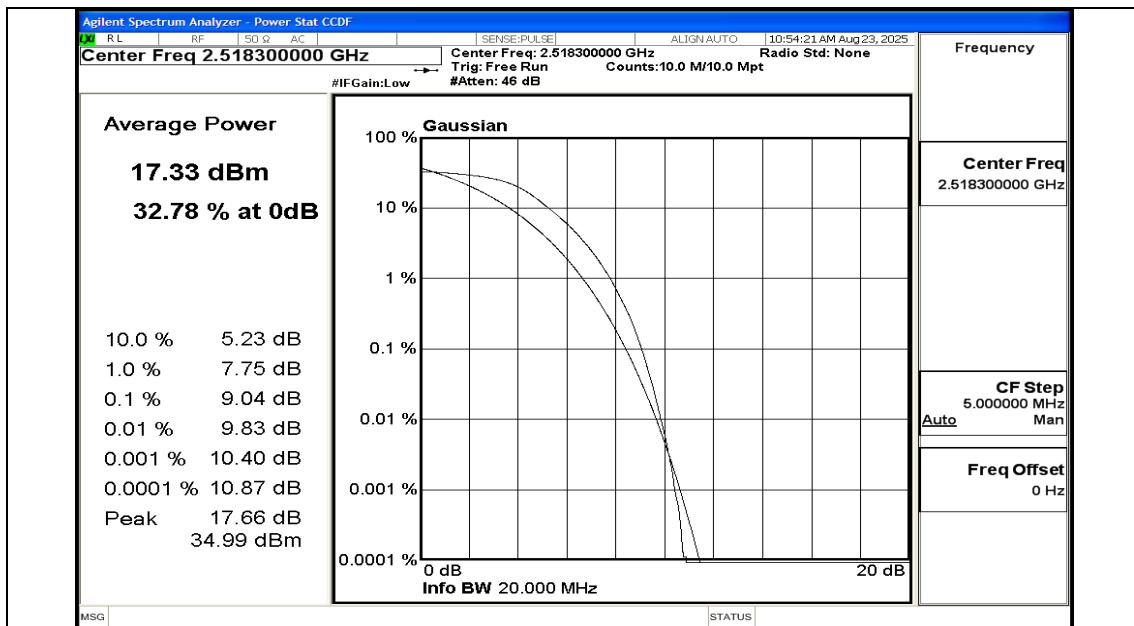
Band41-15MHz-16QAM-41515-75RB#0-PASS



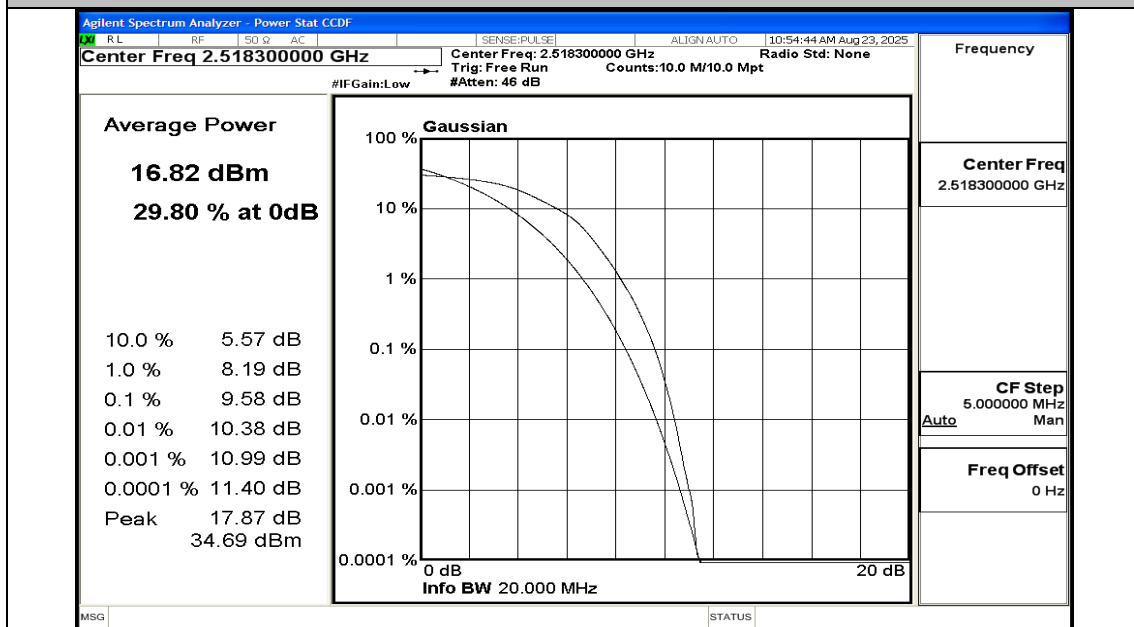
Band41-20MHz-QPSK-39873-1RB#0-PASS



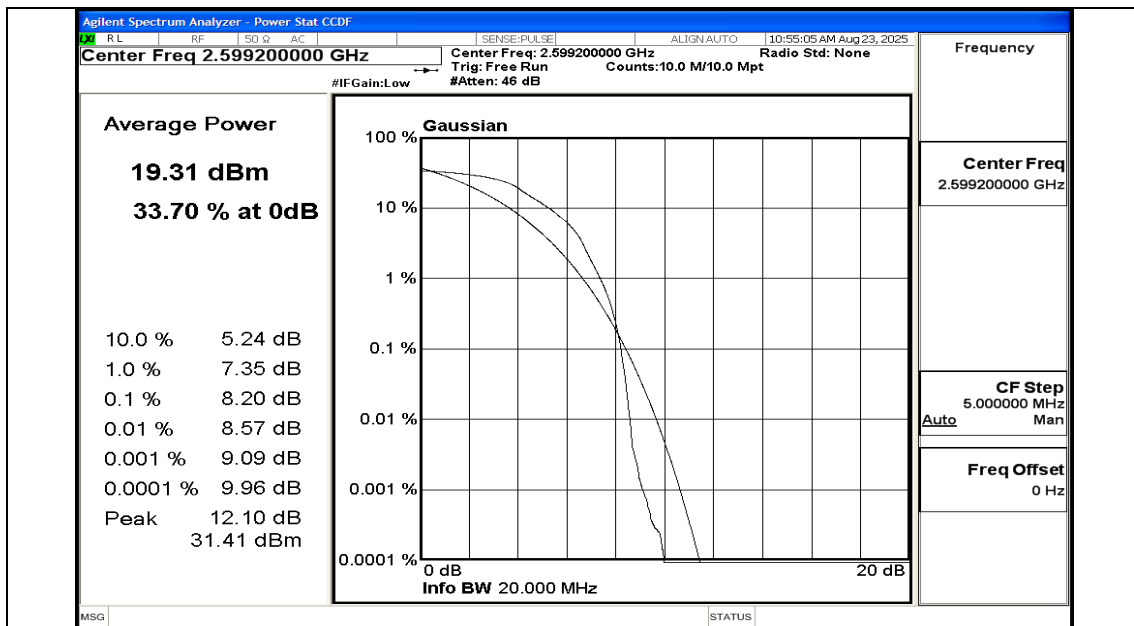
Band41-20MHz-16QAM-39873-1RB#0-PASS



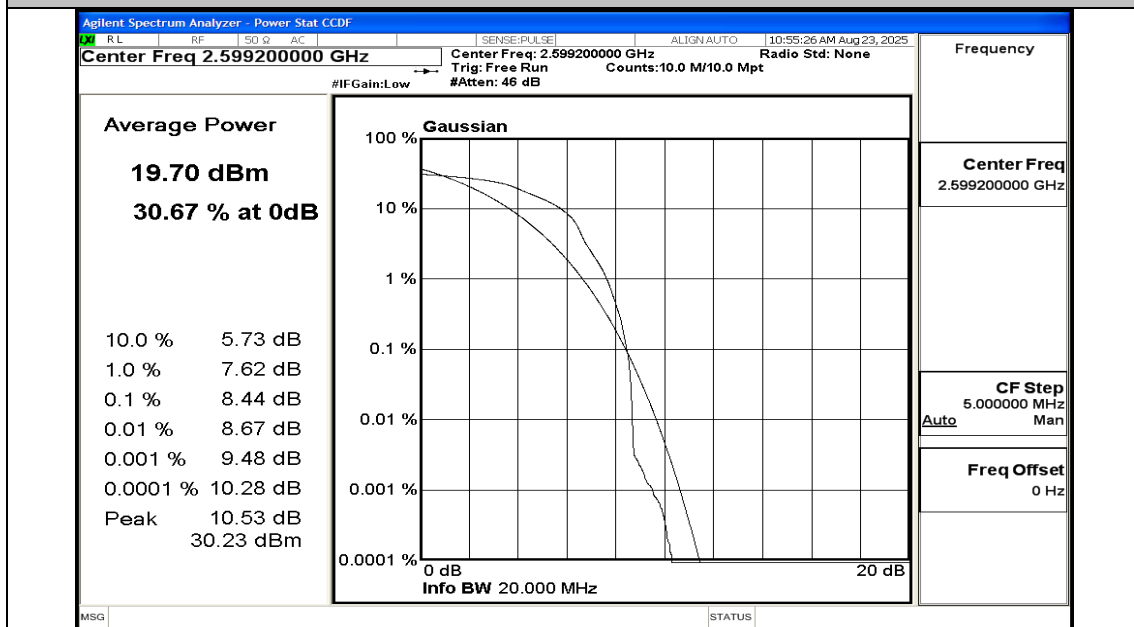
Band41-20MHz-QPSK-39873-100RB#0-PASS



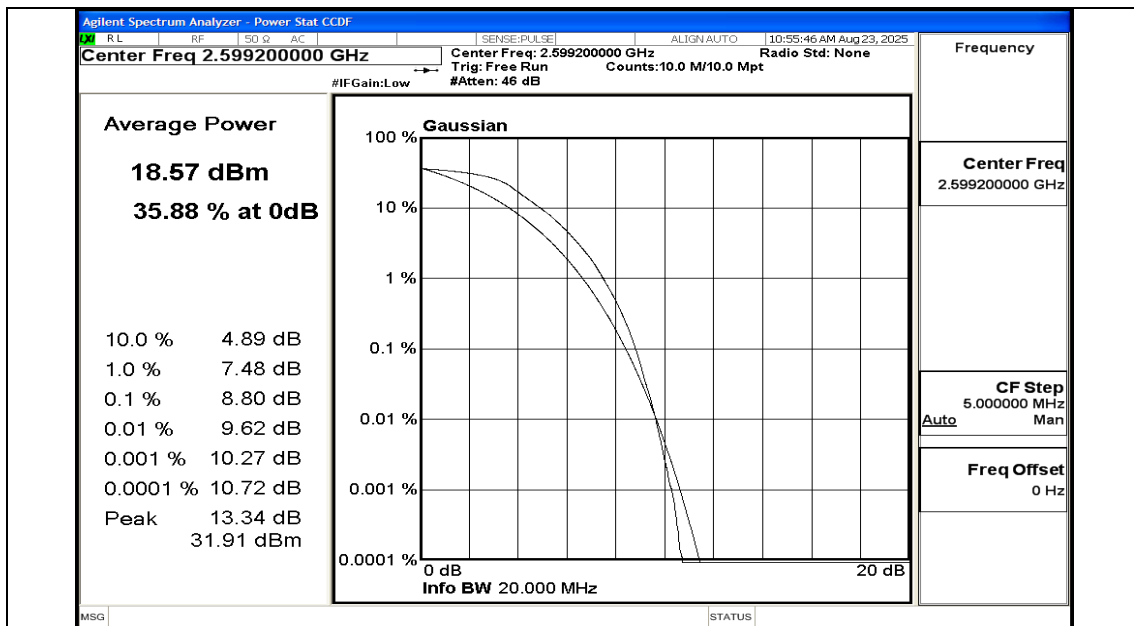
Band41-20MHz-16QAM-39873-100RB#0-PASS



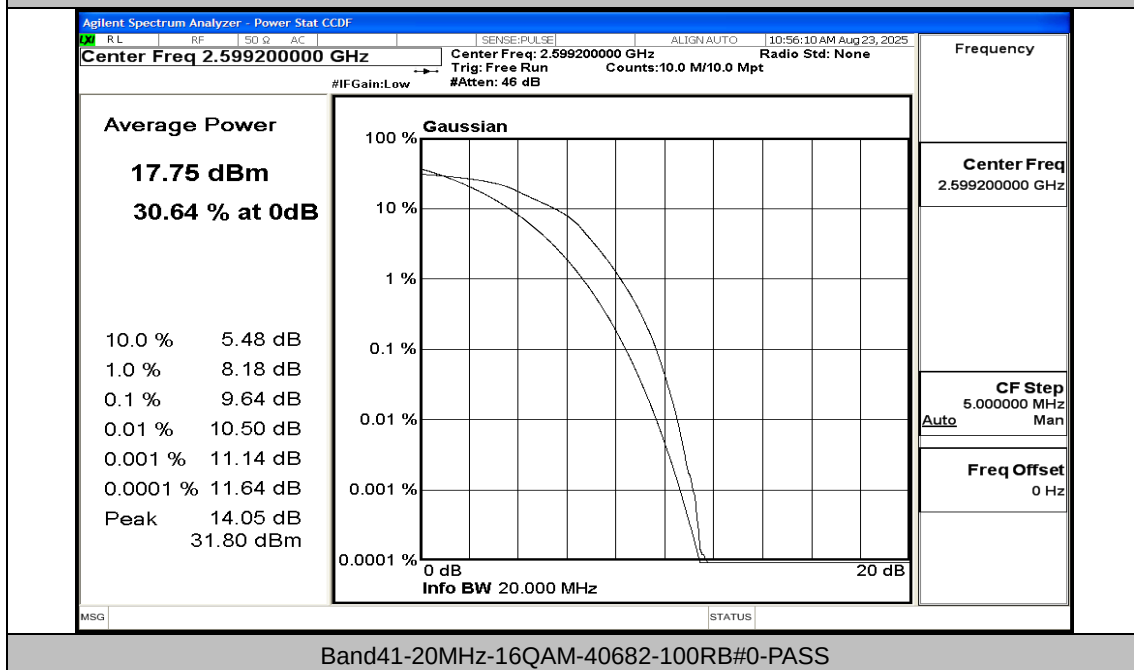
Band41-20MHz-QPSK-40682-1RB#0-PASS



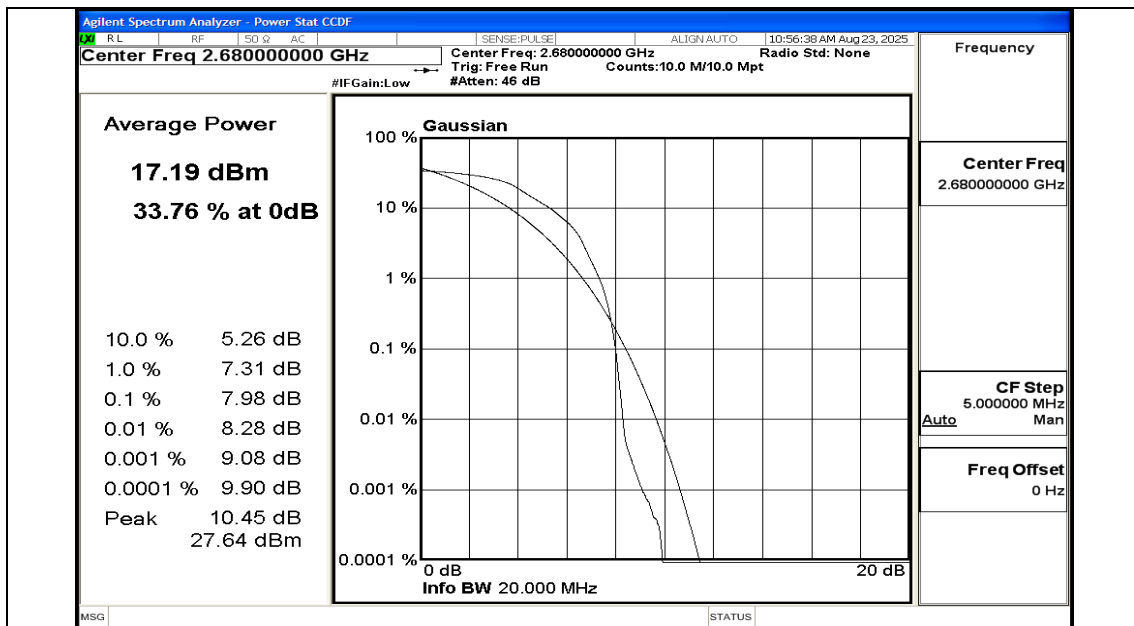
Band41-20MHz-16QAM-40682-1RB#0-PASS



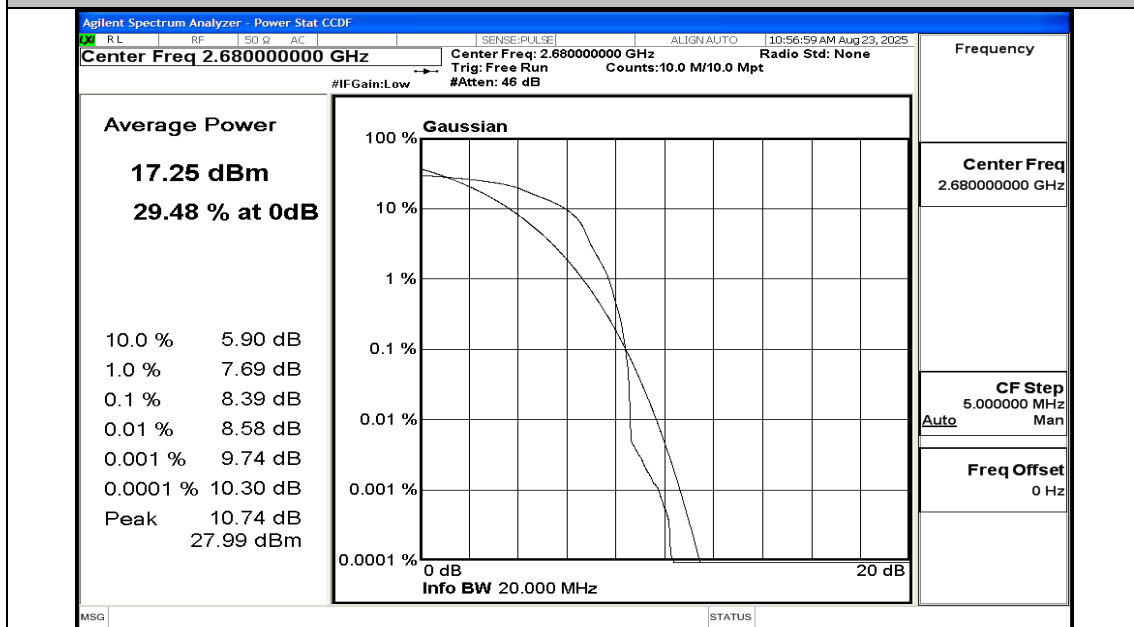
Band41-20MHz-QPSK-40682-100RB#0-PASS



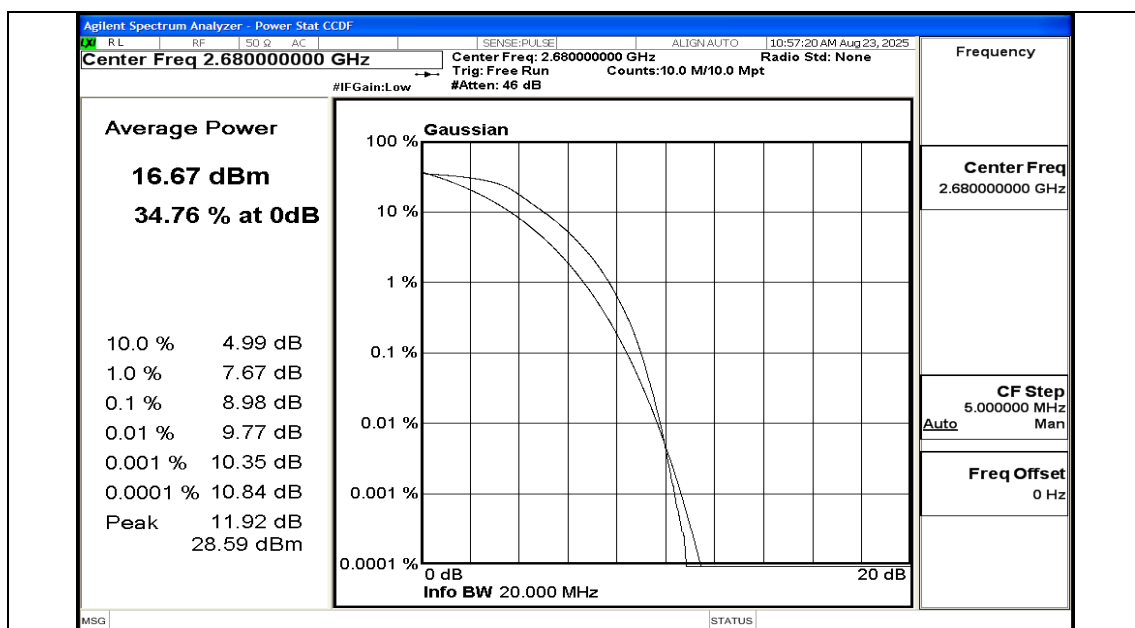
Band41-20MHz-16QAM-40682-100RB#0-PASS



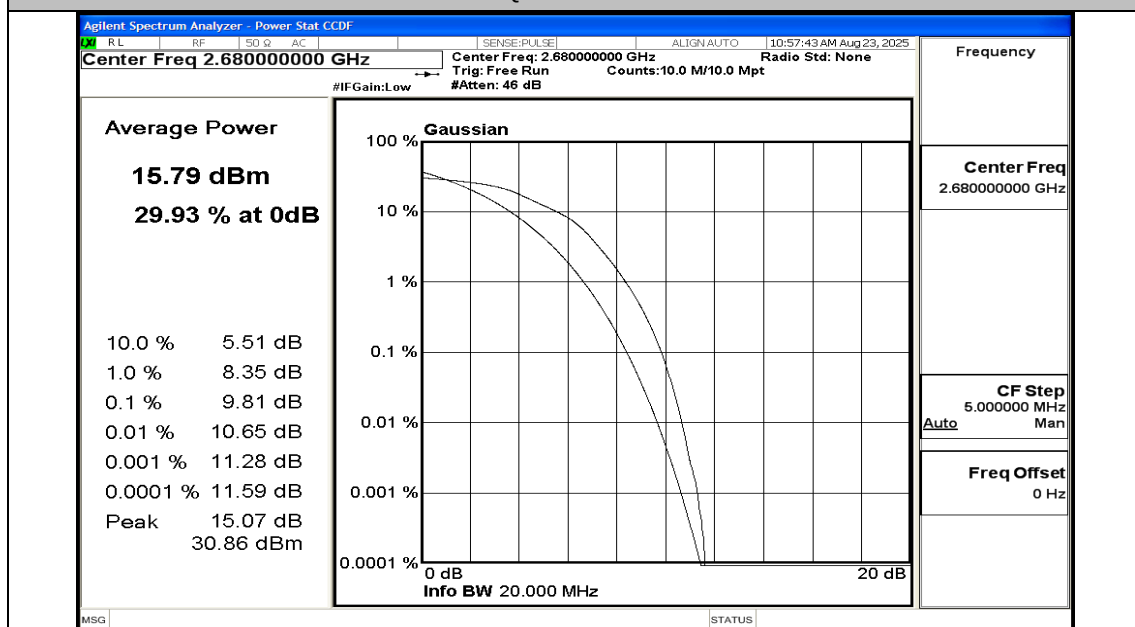
Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS



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



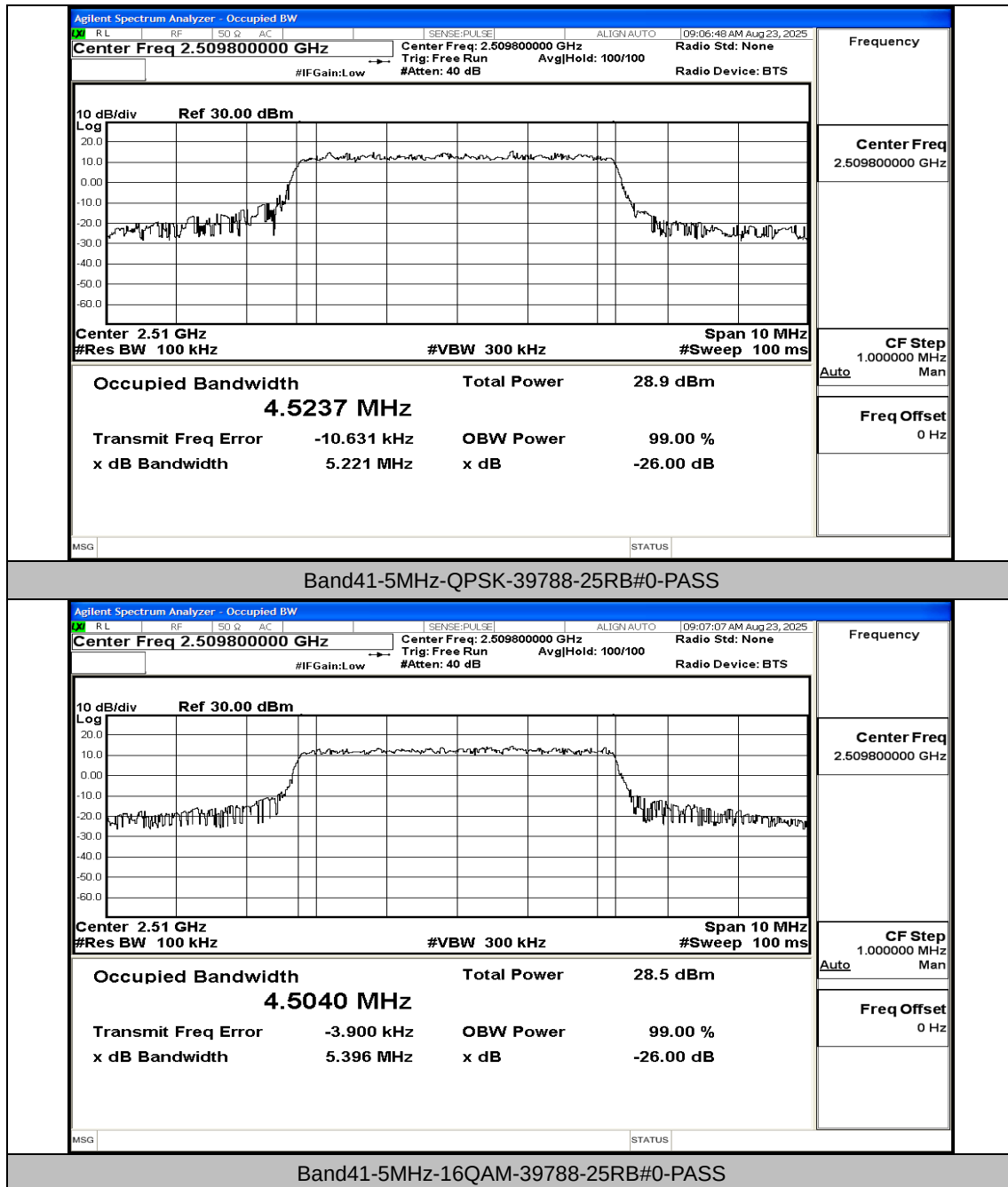
Band41-20MHz-16QAM-41490-100RB#0-PASS

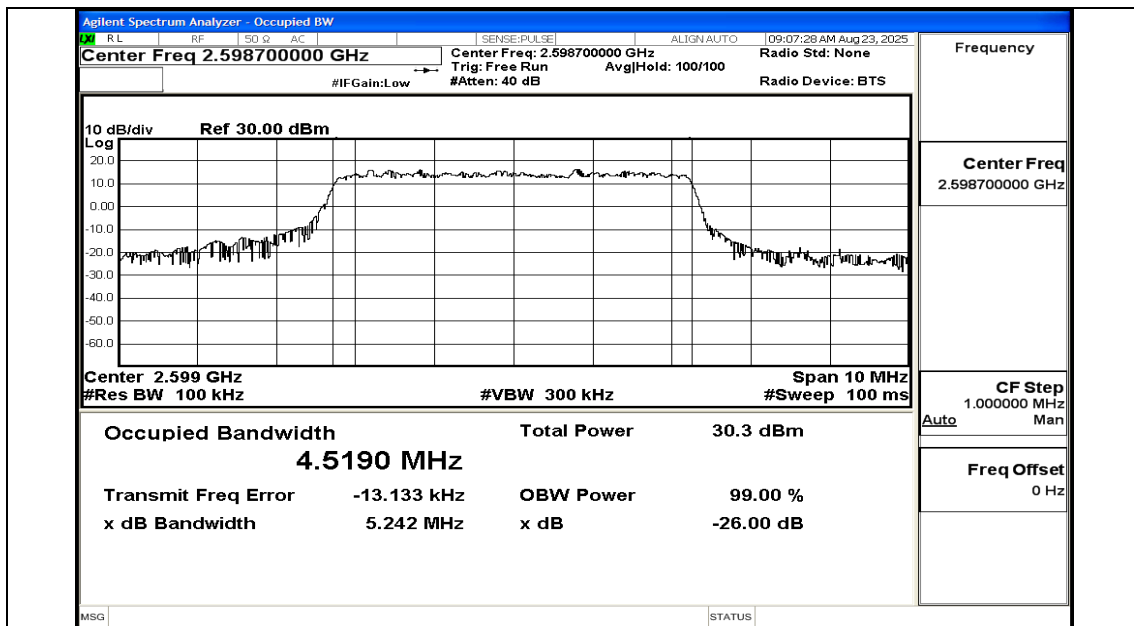
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

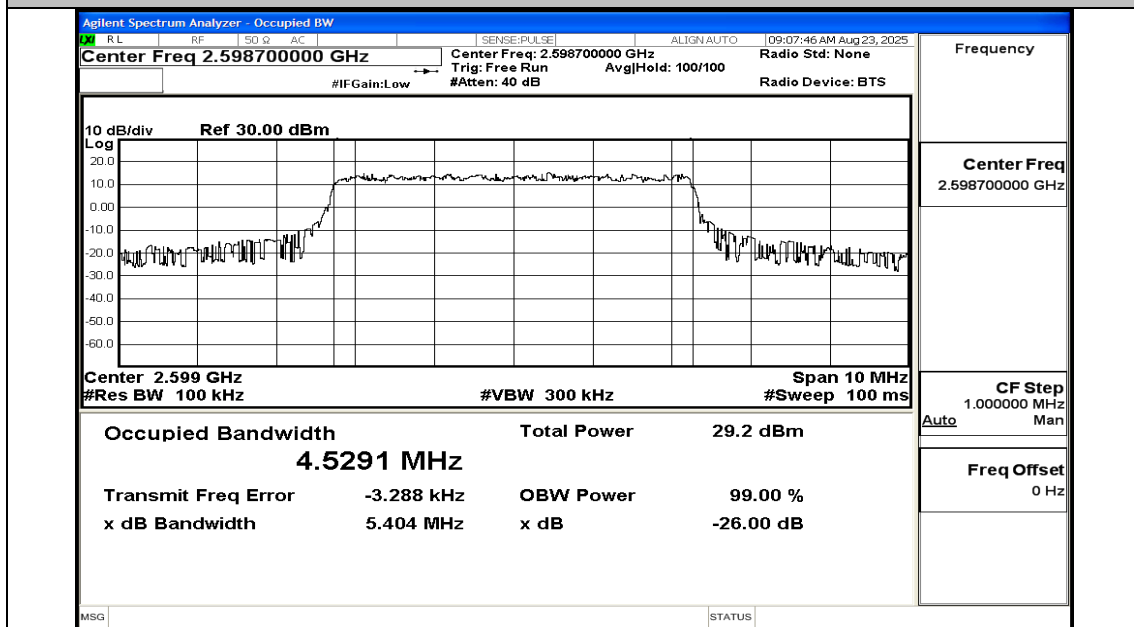
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39788	25RB#0	4.5237	5.221	PASS
Band41	5MHz	16QAM	39788	25RB#0	4.5040	5.396	PASS
Band41	5MHz	QPSK	40677	25RB#0	4.5190	5.242	PASS
Band41	5MHz	16QAM	40677	25RB#0	4.5291	5.404	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5032	5.314	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5001	5.234	PASS
Band41	10MHz	QPSK	39823	50RB#0	8.9869	10.06	PASS
Band41	10MHz	16QAM	39823	50RB#0	9.0051	10.11	PASS
Band41	10MHz	QPSK	40682	50RB#0	9.0035	10.17	PASS
Band41	10MHz	16QAM	40682	50RB#0	8.9914	10.04	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0275	10.35	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0258	11.19	PASS
Band41	15MHz	QPSK	39848	75RB#0	13.524	15.47	PASS
Band41	15MHz	16QAM	39848	75RB#0	13.520	16.07	PASS
Band41	15MHz	QPSK	40682	75RB#0	13.510	15.32	PASS
Band41	15MHz	16QAM	40682	75RB#0	13.500	15.33	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.517	15.81	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.476	15.16	PASS
Band41	20MHz	QPSK	39873	100RB#0	18.004	20.96	PASS
Band41	20MHz	16QAM	39873	100RB#0	17.996	20.34	PASS
Band41	20MHz	QPSK	40682	100RB#0	17.961	19.91	PASS
Band41	20MHz	16QAM	40682	100RB#0	17.996	20.21	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.958	19.89	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.971	20.44	PASS

Test Graphs

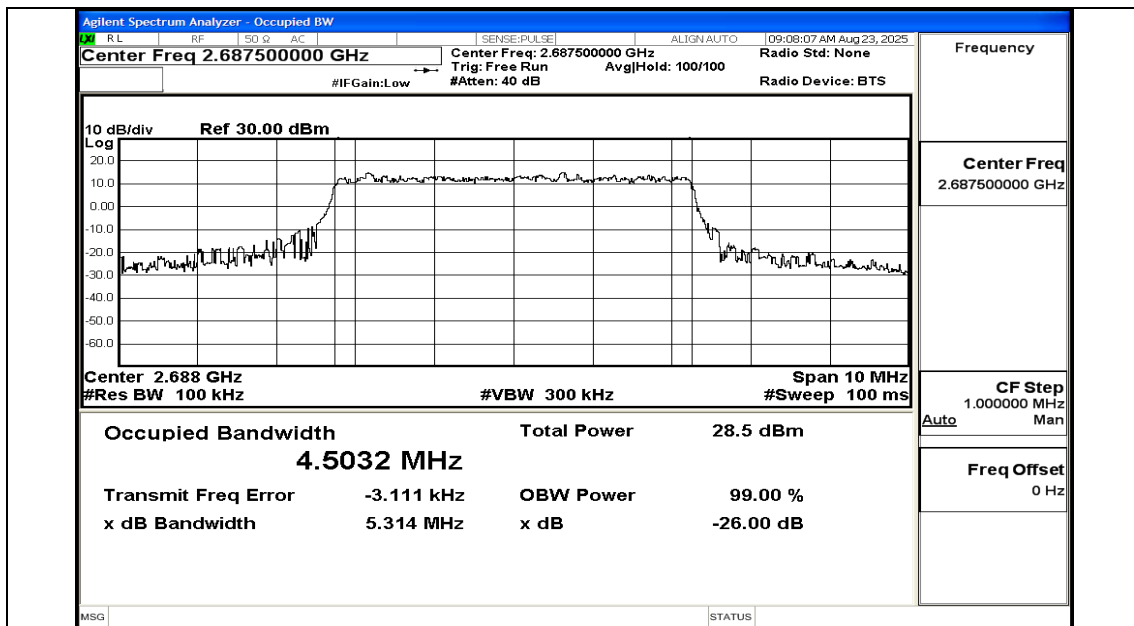




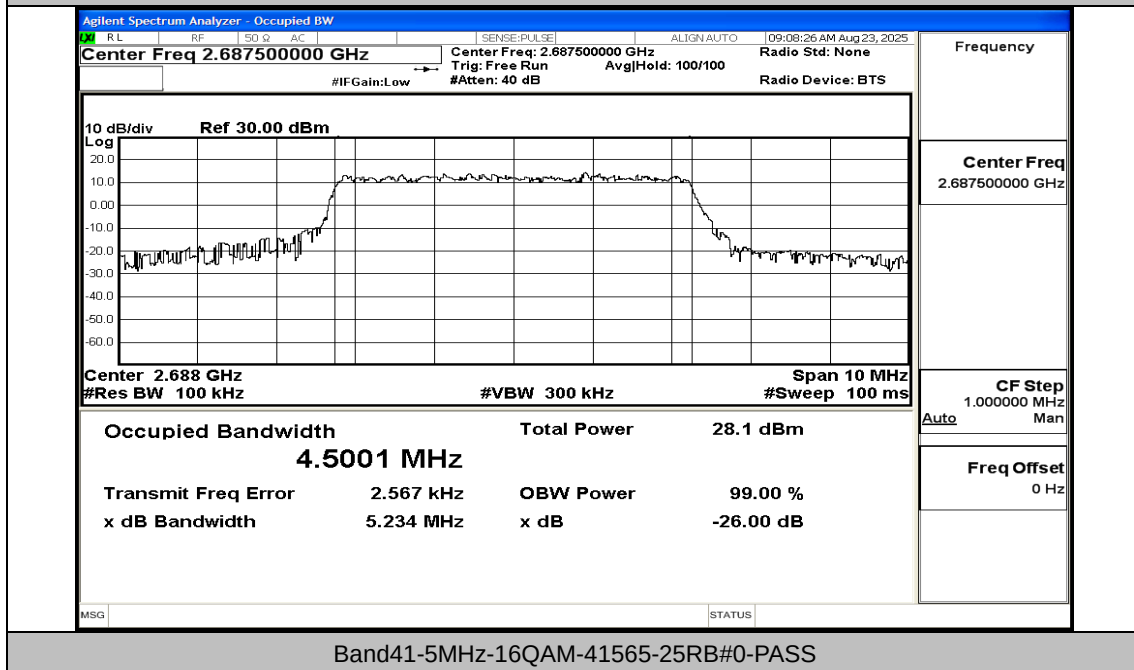
Band41-5MHz-QPSK-40677-25RB#0-PASS



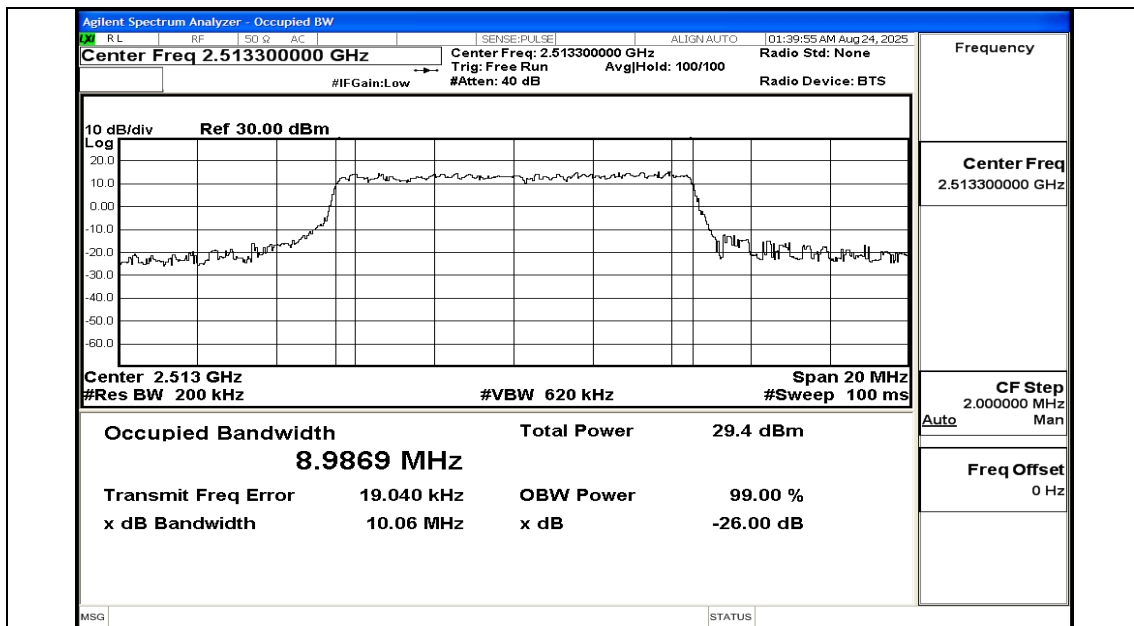
Band41-5MHz-16QAM-40677-25RB#0-PASS



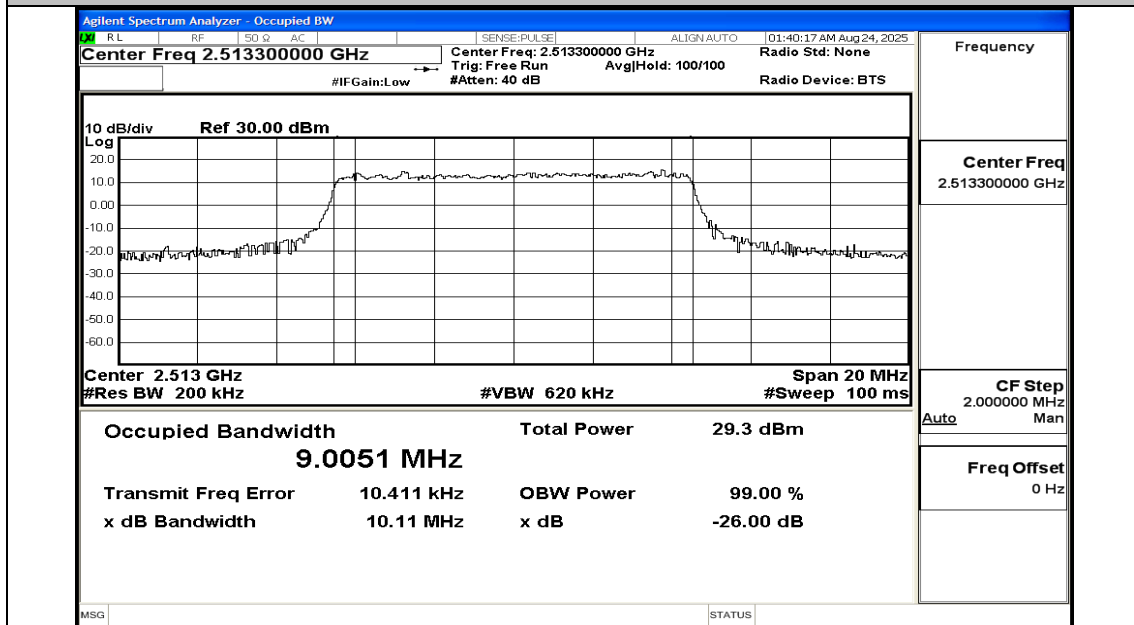
Band41-5MHz-QPSK-41565-25RB#0-PASS



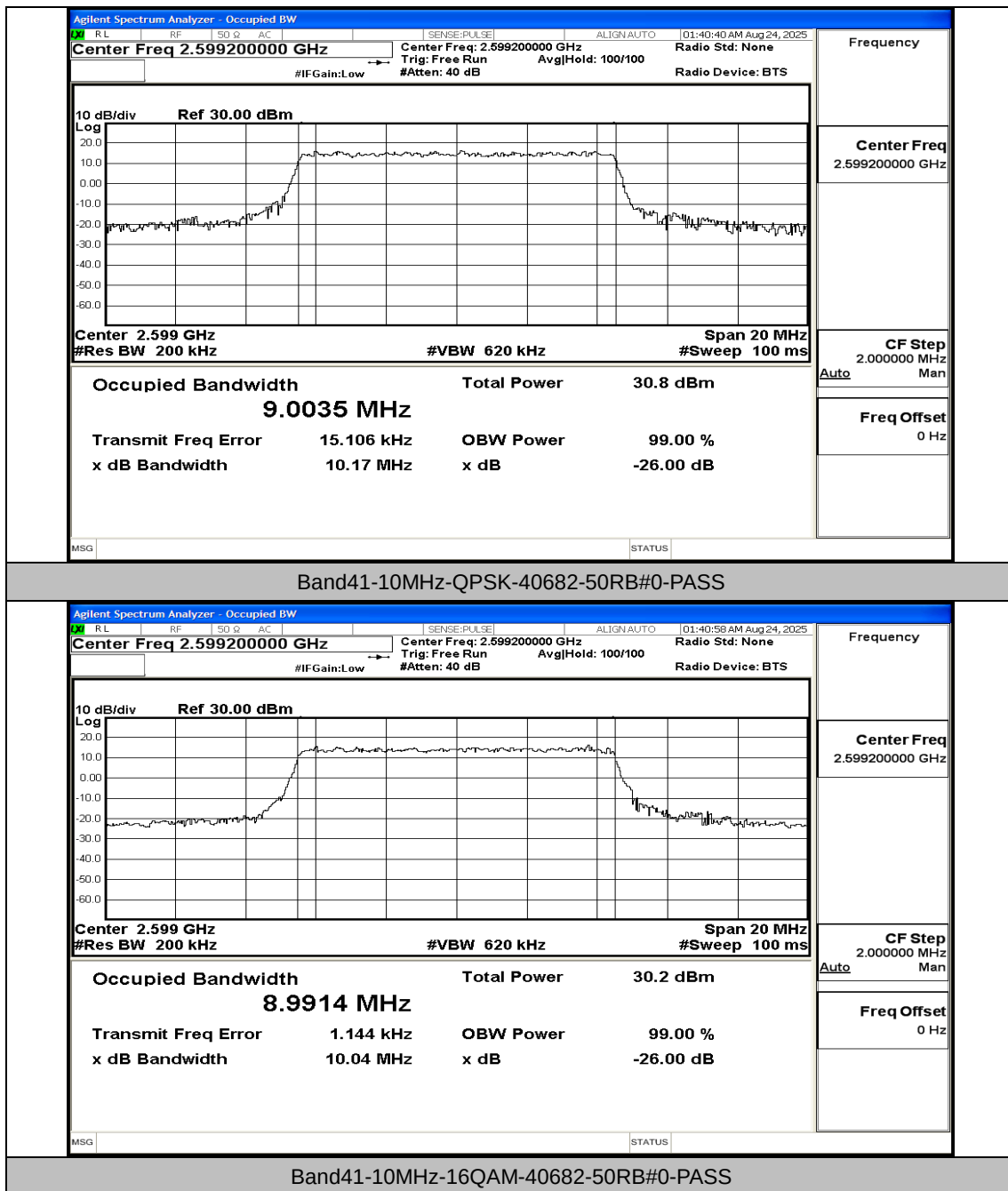
Band41-5MHz-16QAM-41565-25RB#0-PASS

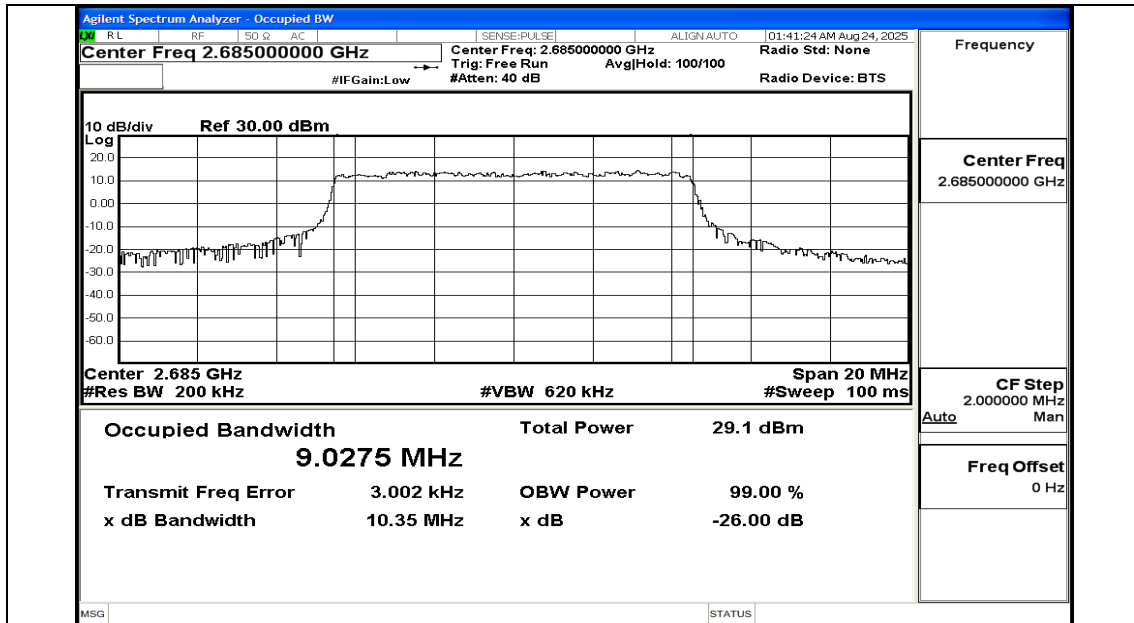


Band41-10MHz-QPSK-39823-50RB#0-PASS

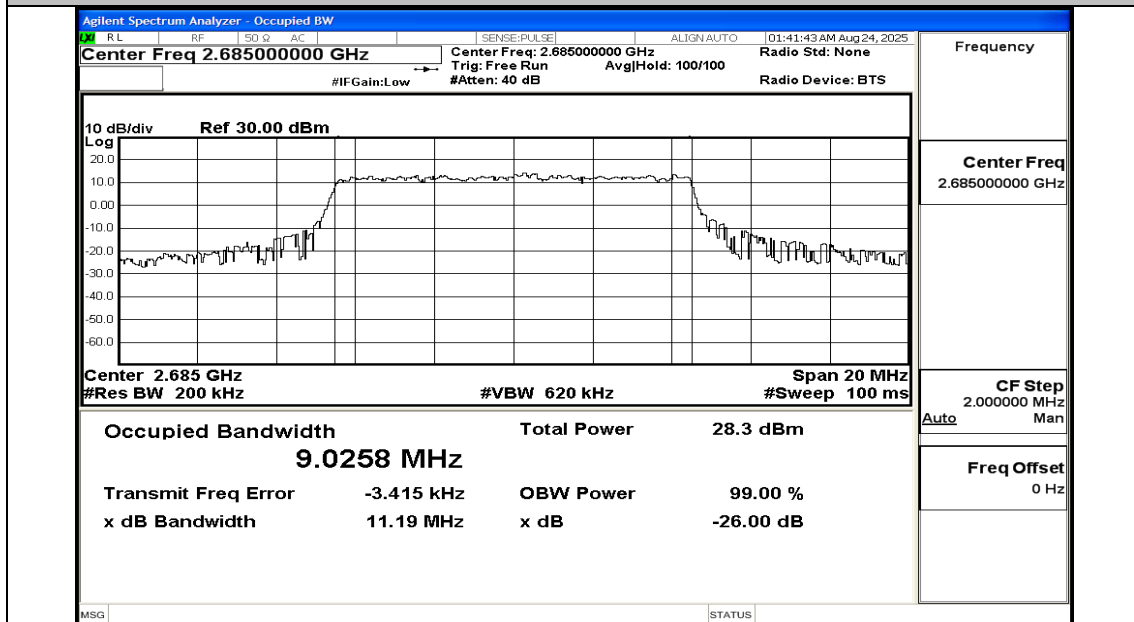


Band41-10MHz-16QAM-39823-50RB#0-PASS

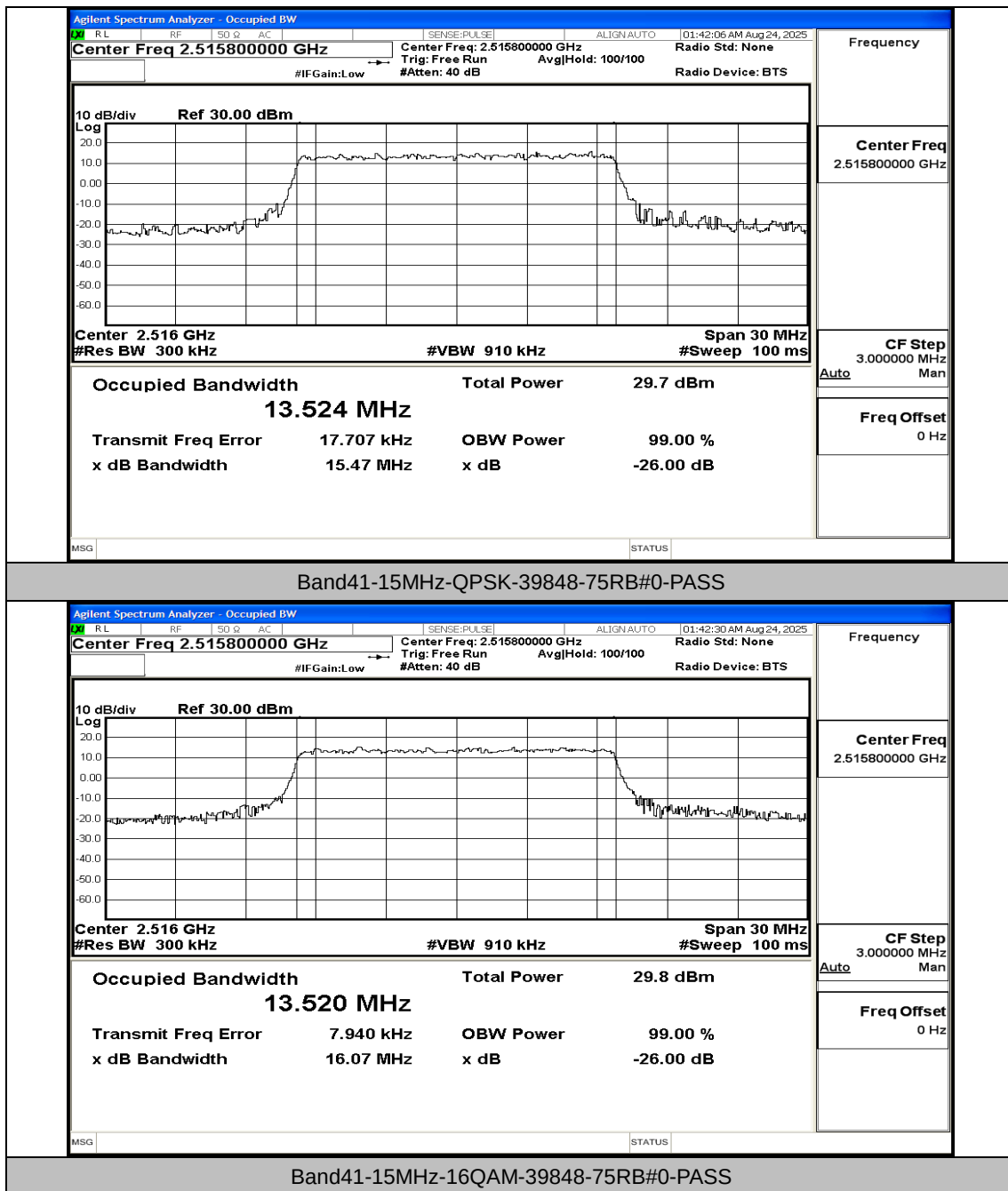


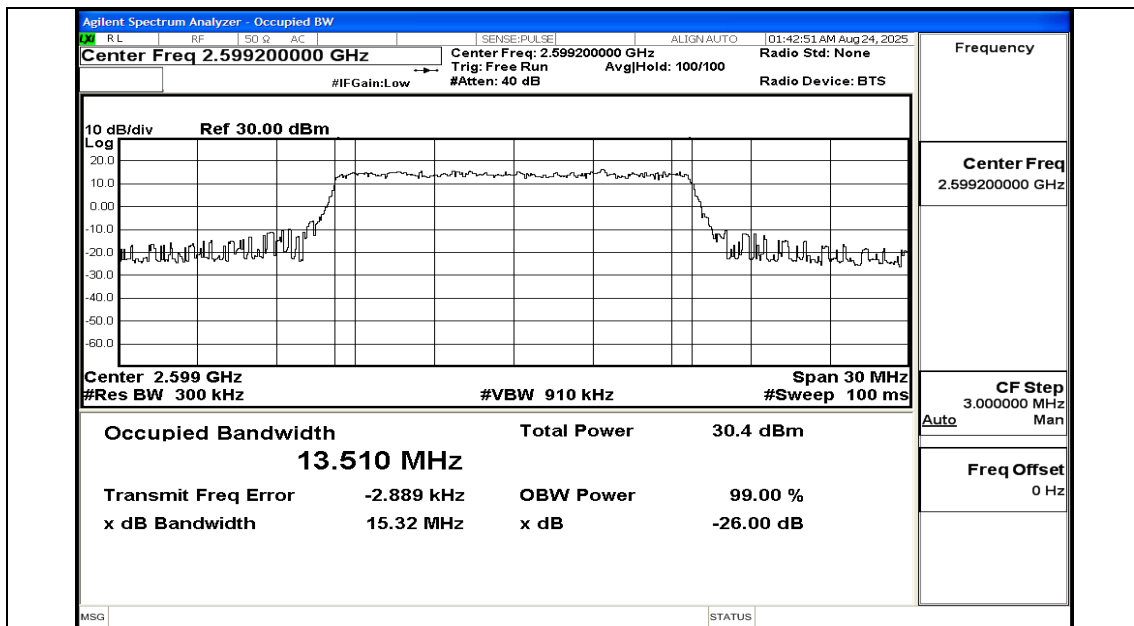


Band41-10MHz-QPSK-41540-50RB#0-PASS

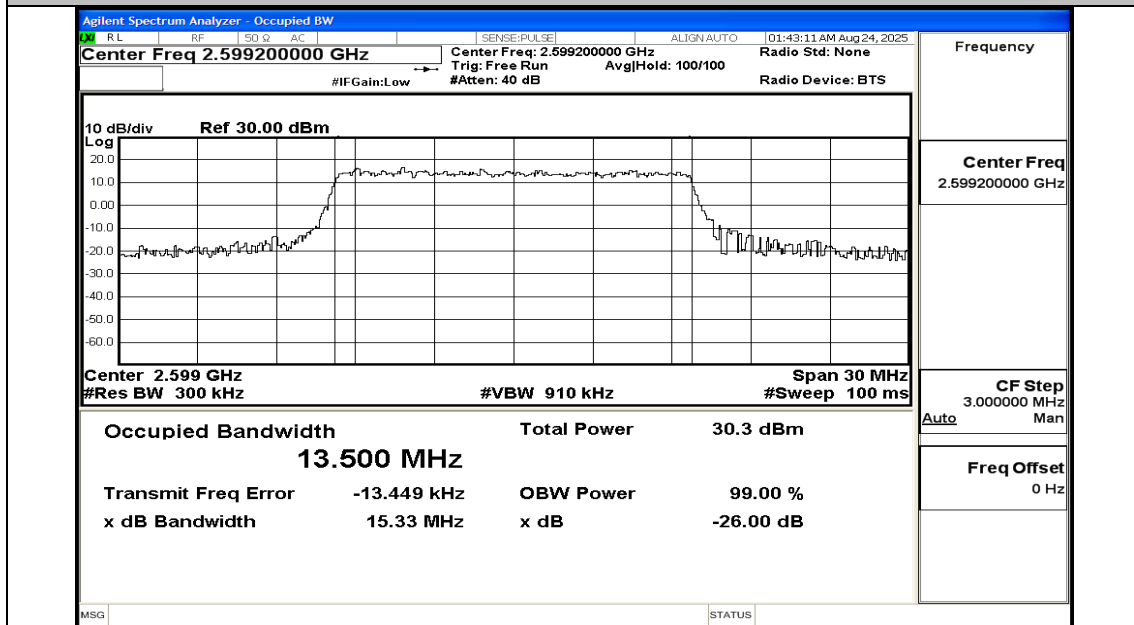


Band41-10MHz-16QAM-41540-50RB#0-PASS

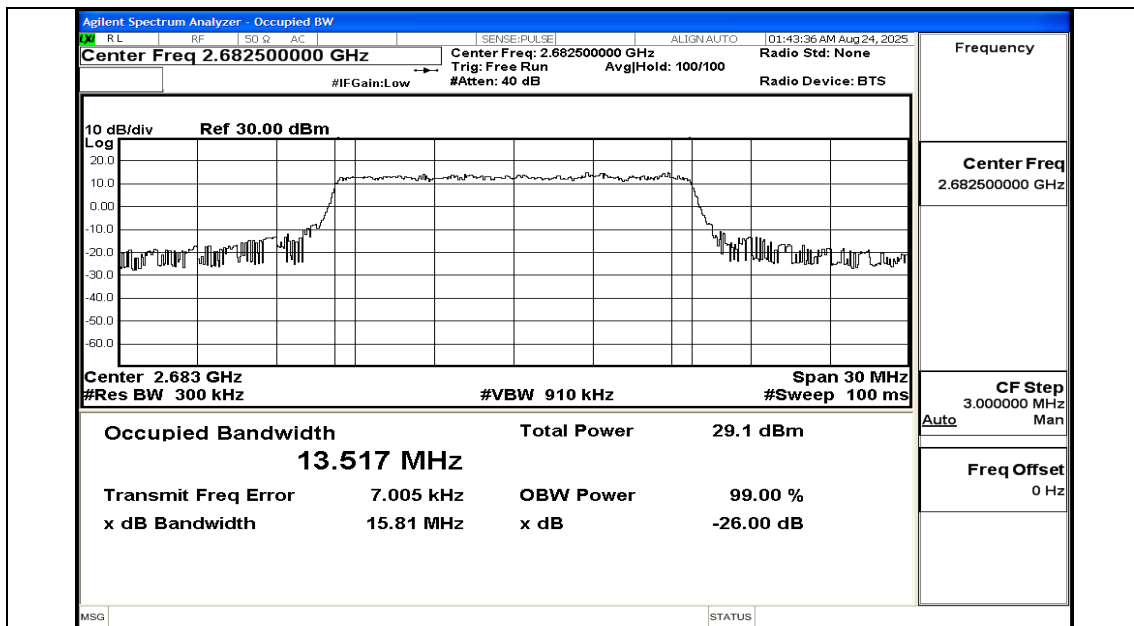




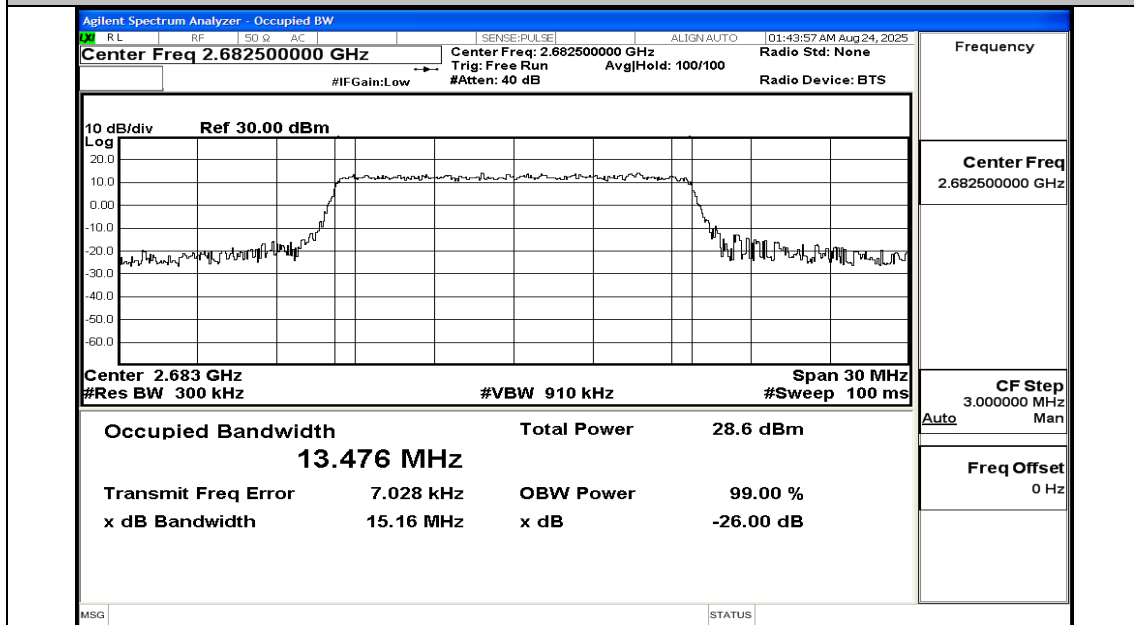
Band41-15MHz-QPSK-40682-75RB#0-PASS



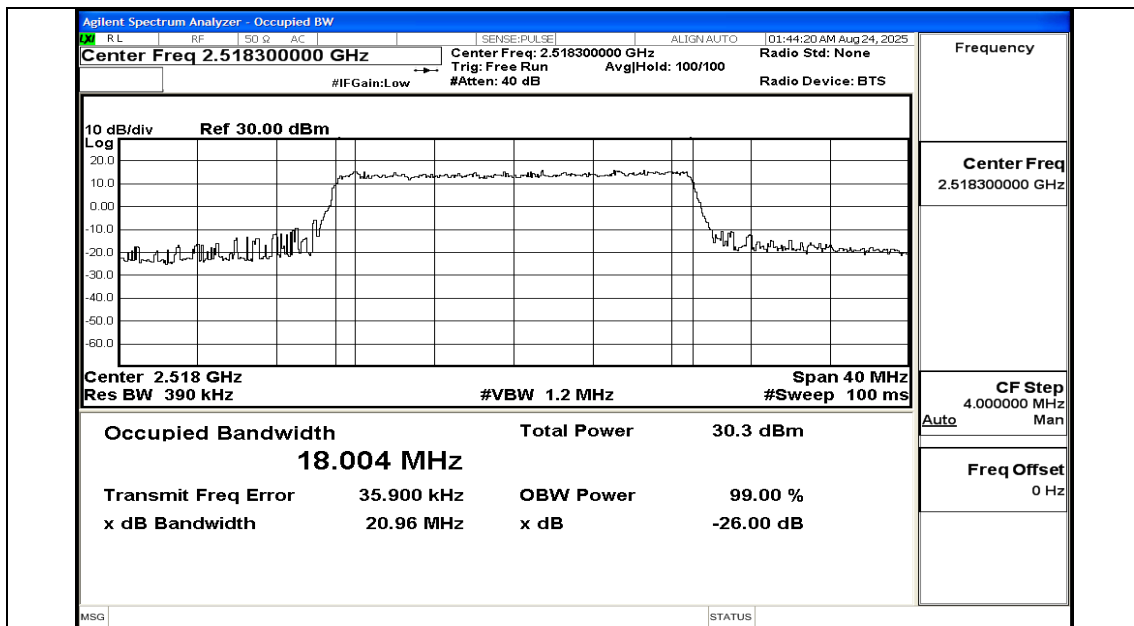
Band41-15MHz-16QAM-40682-75RB#0-PASS



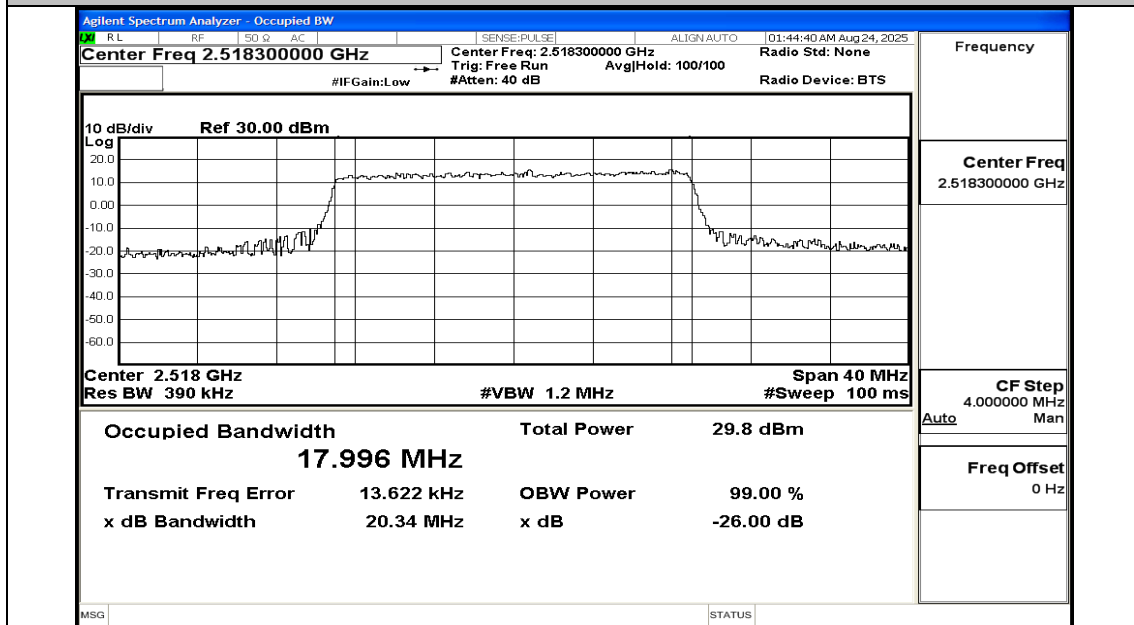
Band41-15MHz-QPSK-41515-75RB#0-PASS



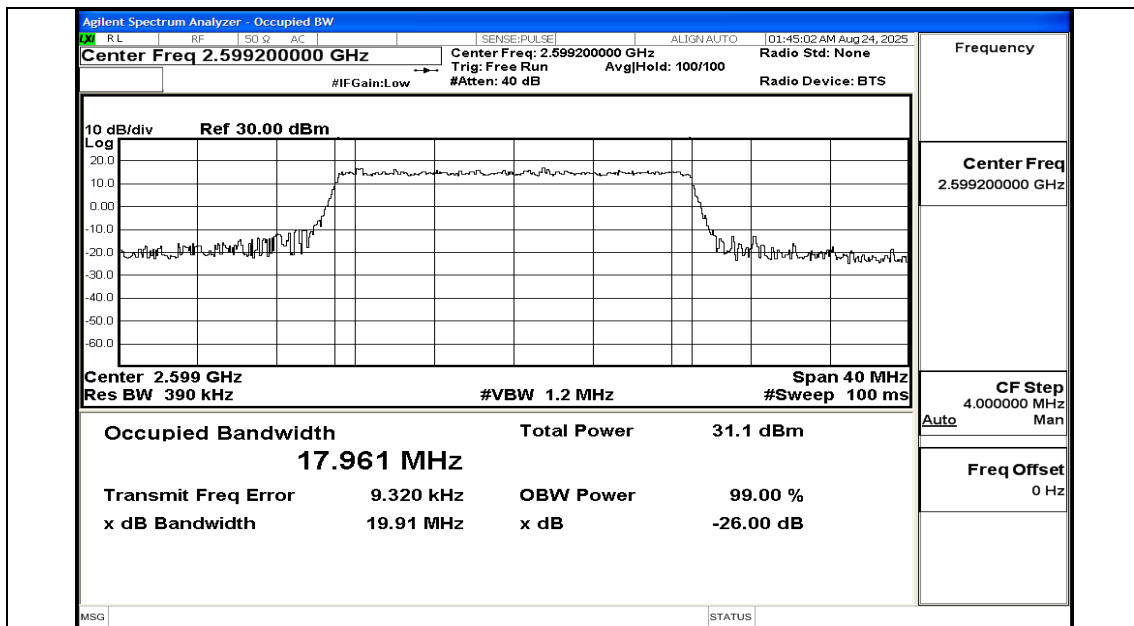
Band41-15MHz-16QAM-41515-75RB#0-PASS



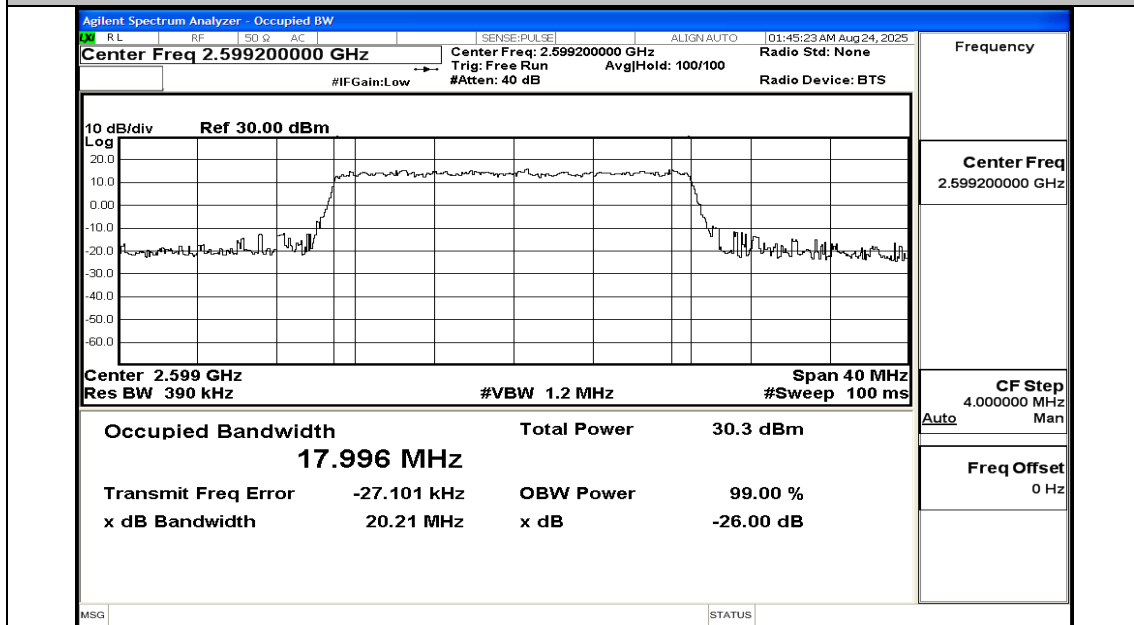
Band41-20MHz-QPSK-39873-100RB#0-PASS



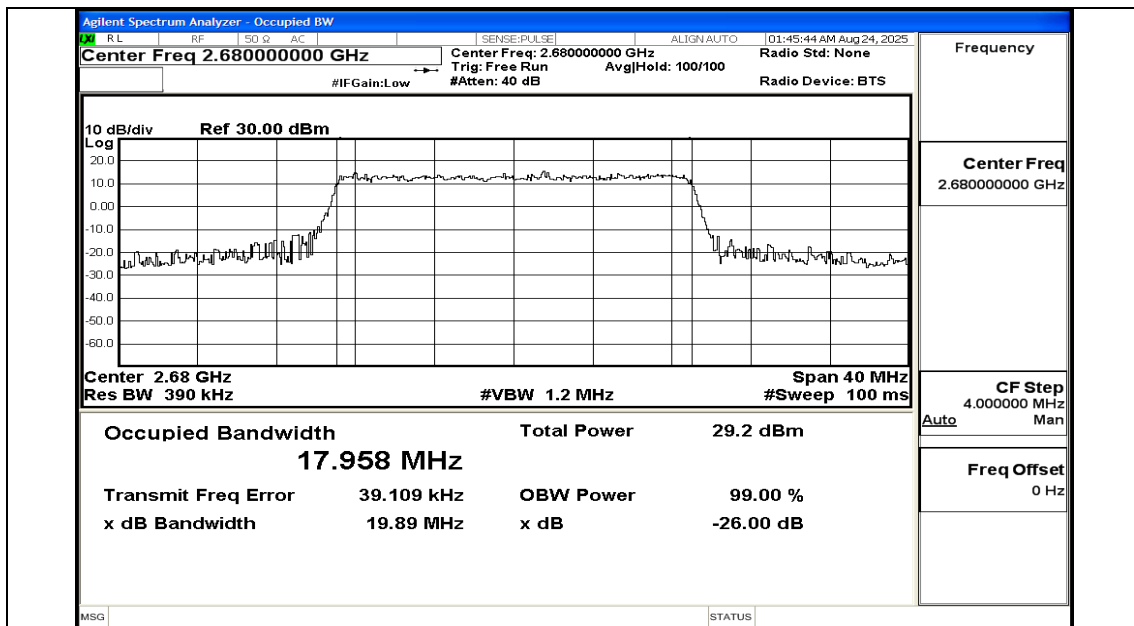
Band41-20MHz-16QAM-39873-100RB#0-PASS



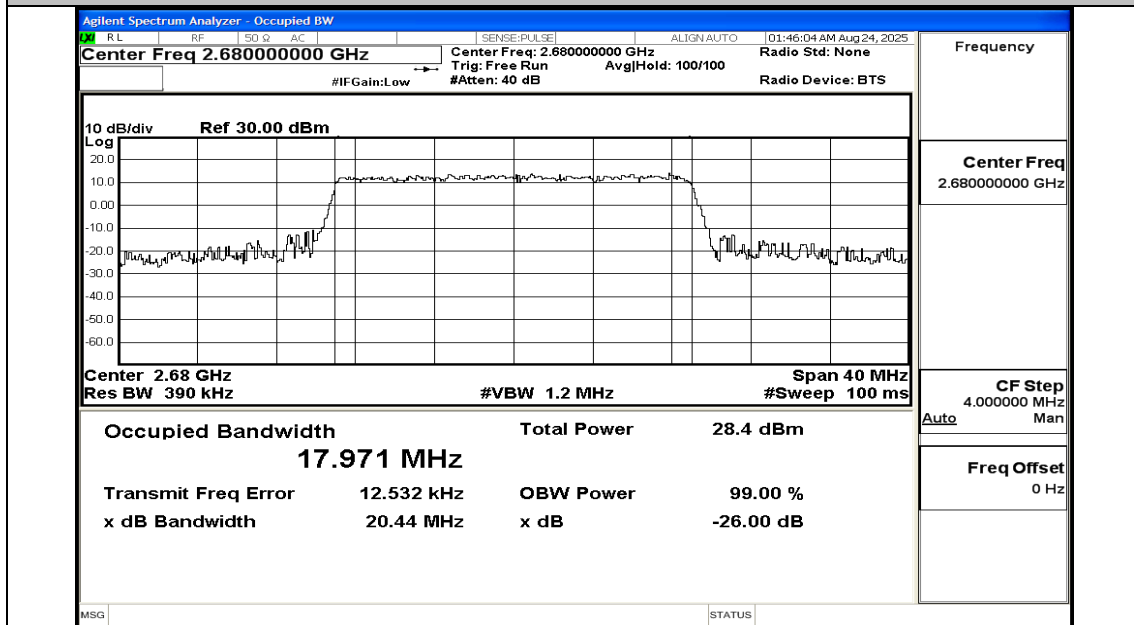
Band41-20MHz-QPSK-40682-100RB#0-PASS



Band41-20MHz-16QAM-40682-100RB#0-PASS



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



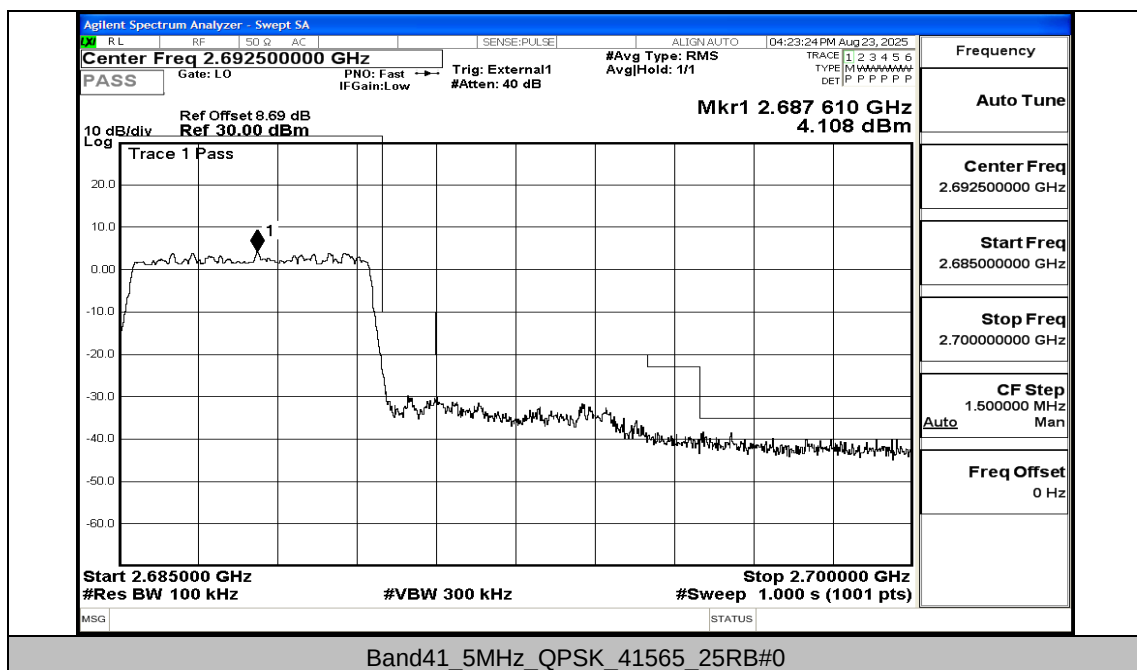
Band41-20MHz-16QAM-41490-100RB#0-PASS

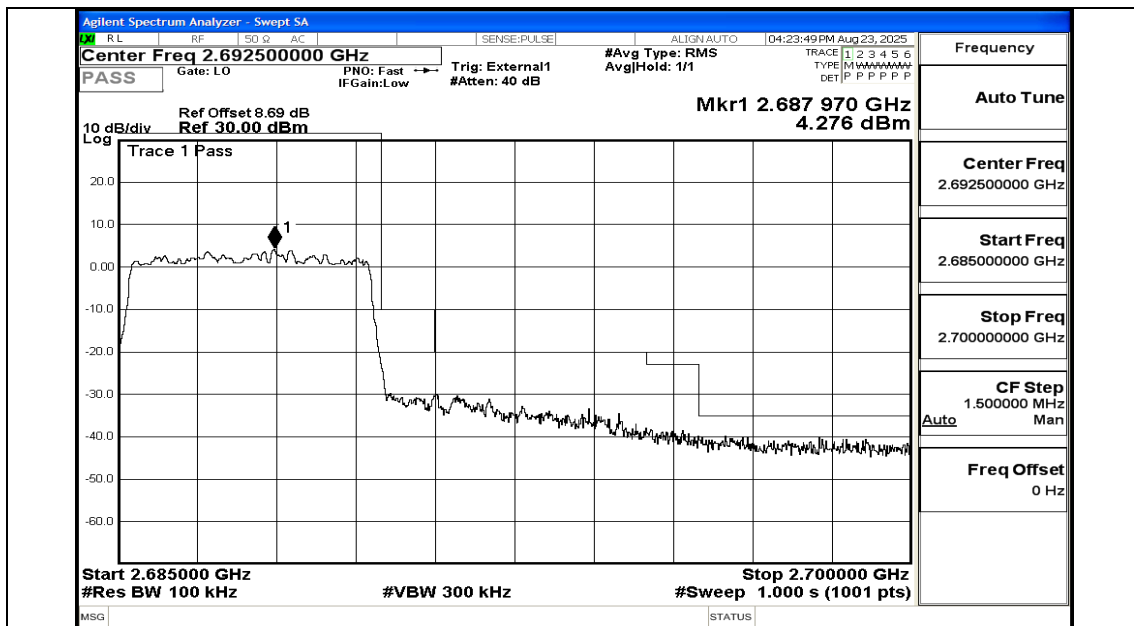
Appendix D: Band Edge

Test Result

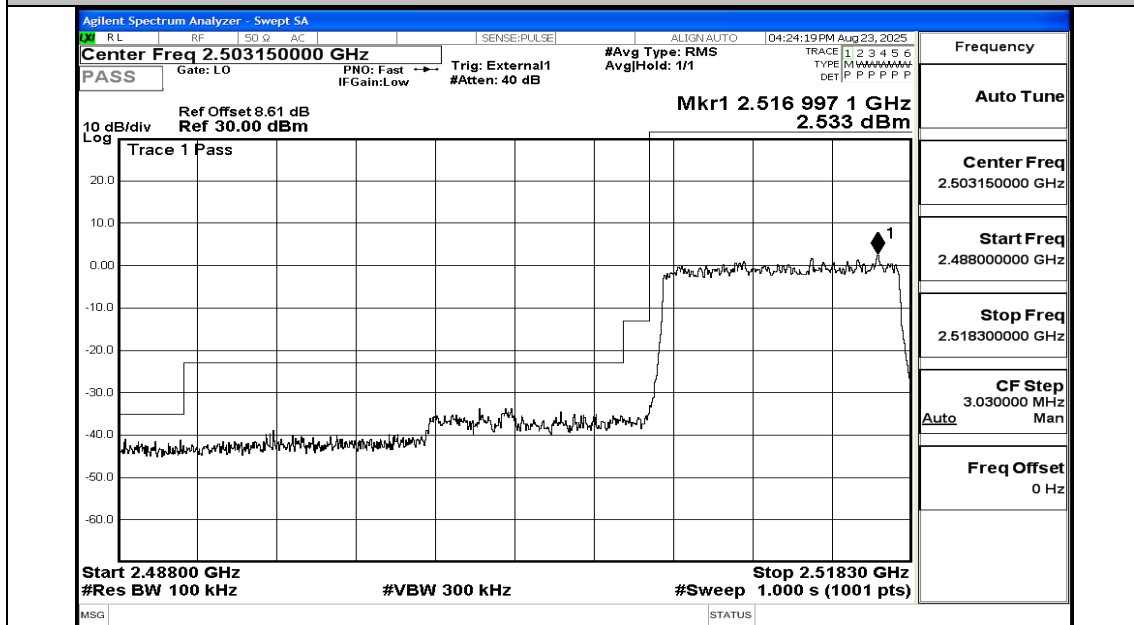
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	41565	25RB#0	2696.04	-38.27	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.49	-39.73	PASS
Band41	10MHz	QPSK	39823	50RB#0	2488.30	-40.97	PASS
Band41	10MHz	16QAM	39823	50RB#0	2489.03	-41.06	PASS
Band41	10MHz	QPSK	41540	50RB#0	2701.35	-35.50	PASS
Band41	5MHz	QPSK	39788	25RB#0	2488.24	-44.00	PASS
Band41	5MHz	16QAM	39788	25RB#0	2489.94	-44.33	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.85	-35.39	PASS
Band41	20MHz	QPSK	39873	100RB#0	2489.53	-36.93	PASS
Band41	20MHz	16QAM	39873	100RB#0	2489.05	-35.04	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.59	-33.01	PASS
Band41	20MHz	16QAM	41490	100RB#0	2710.46	-33.67	PASS
Band41	15MHz	QPSK	39848	75RB#0	2488.99	-38.18	PASS
Band41	15MHz	16QAM	39848	75RB#0	2490.26	-38.41	PASS
Band41	15MHz	QPSK	41515	75RB#0	2705.70	-33.87	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.26	-34.25	PASS

Test Graphs

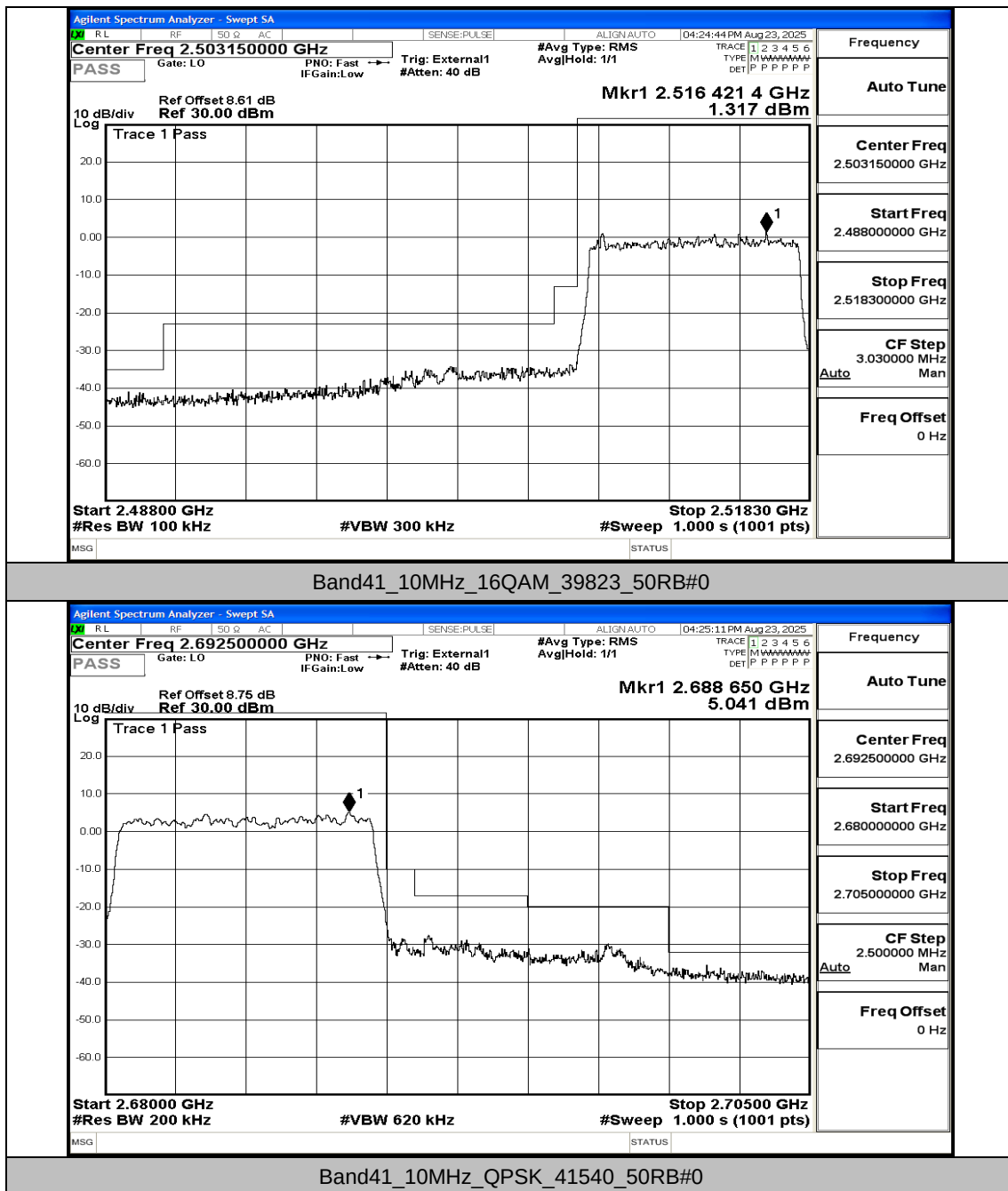


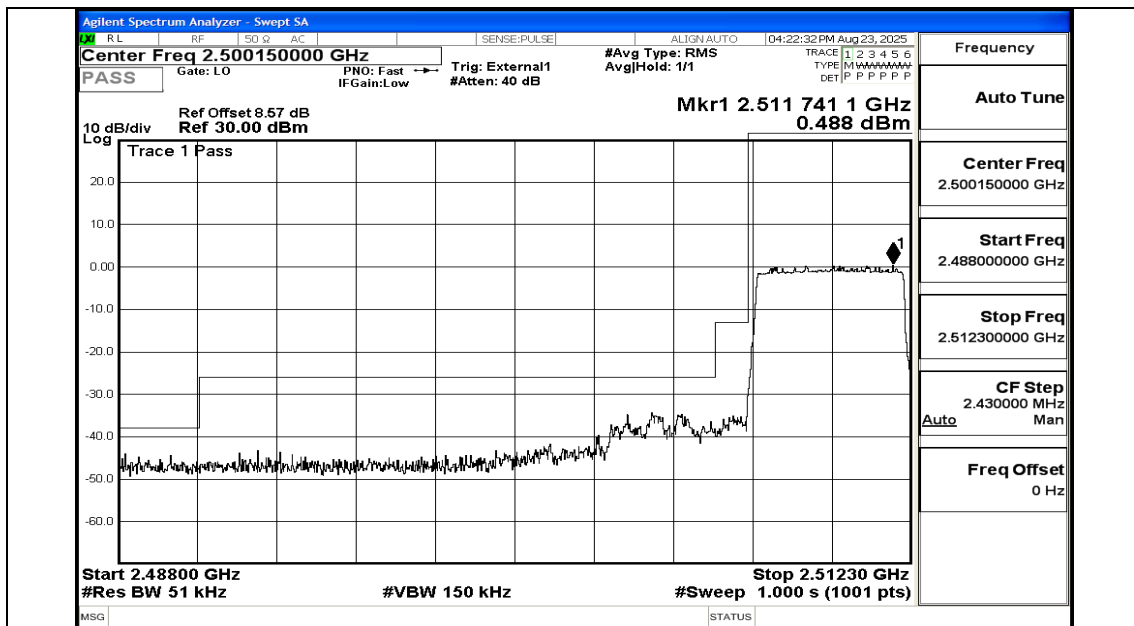


Band41_5MHz_16QAM_41565_25RB#0

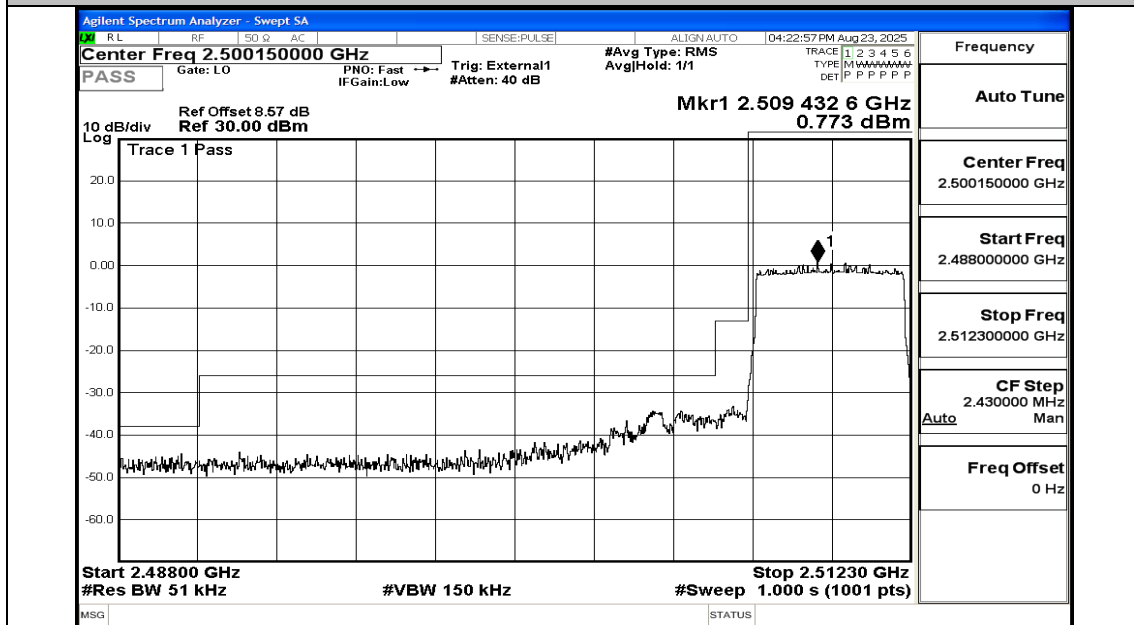


Band41_10MHz_QPSK_39823_50RB#0

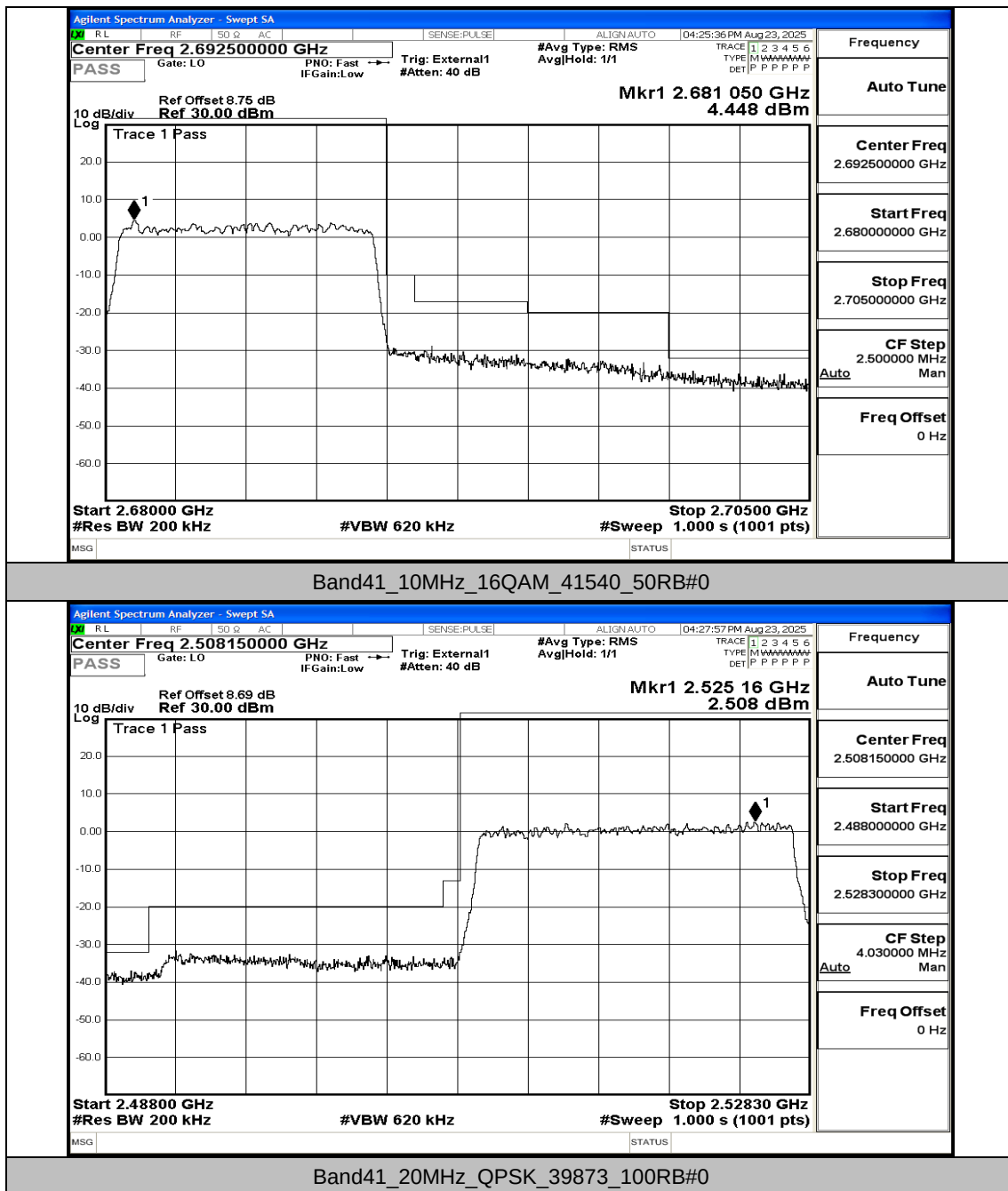


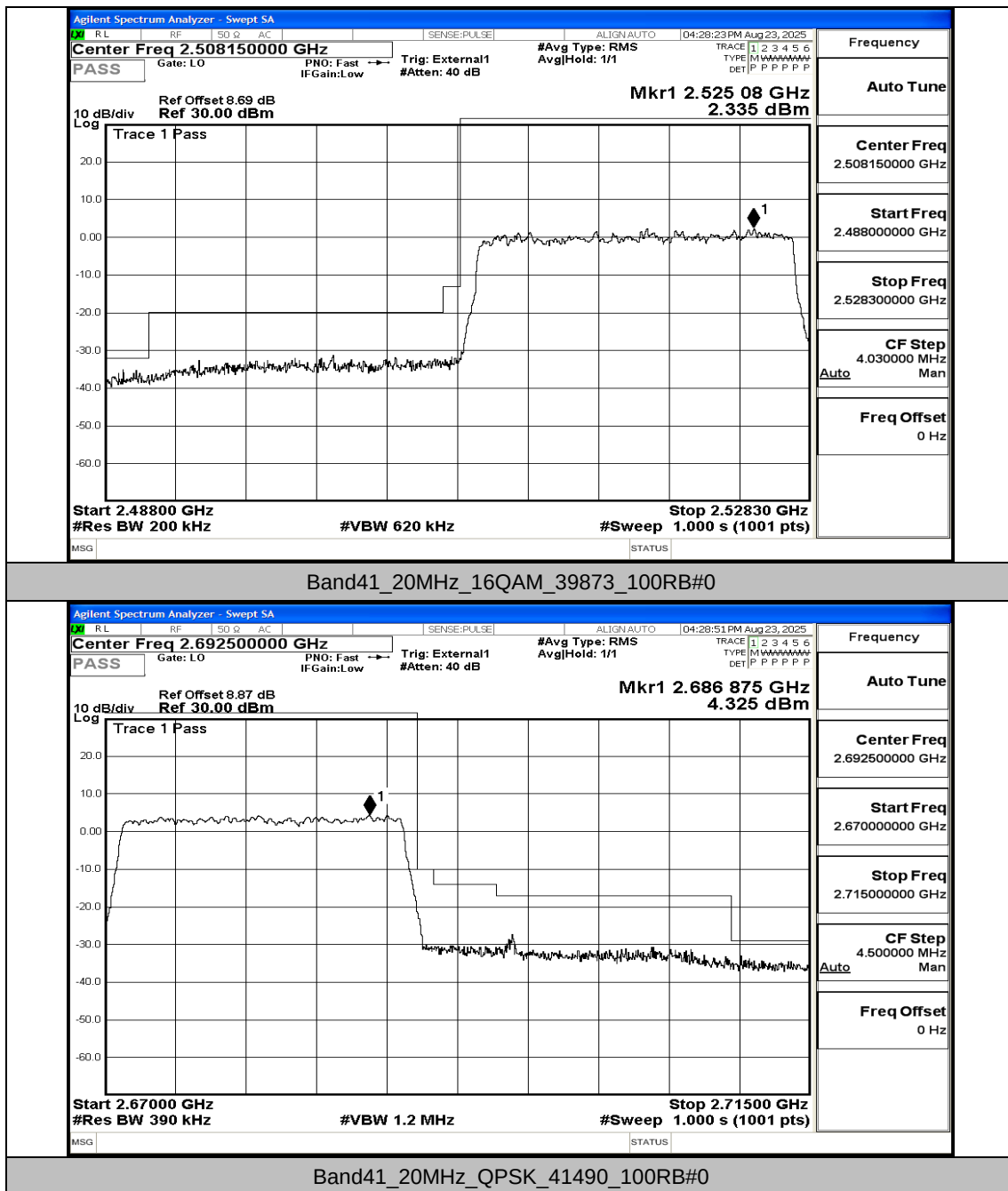


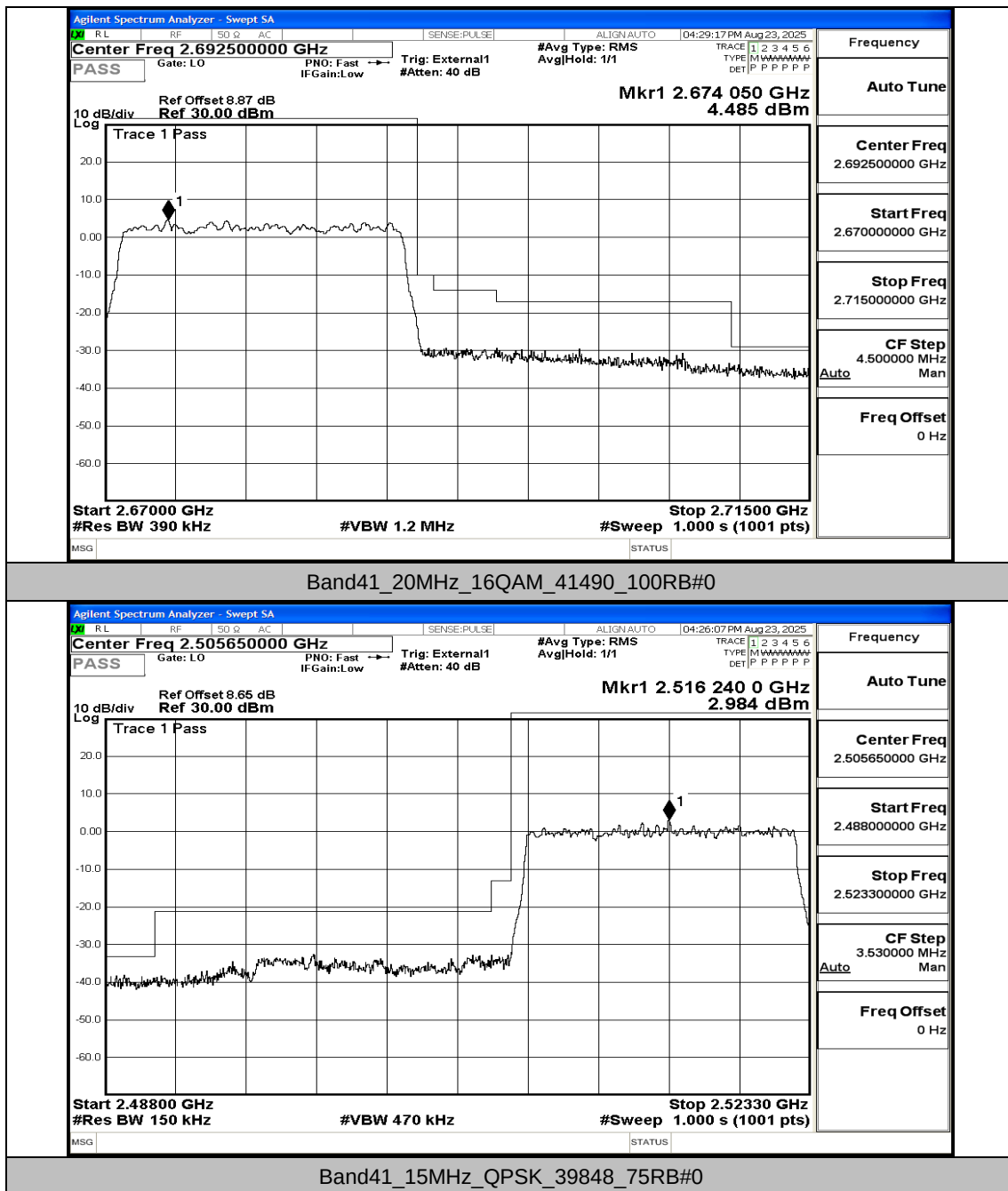
Band41_5MHz_QPSK_39788_25RB#0

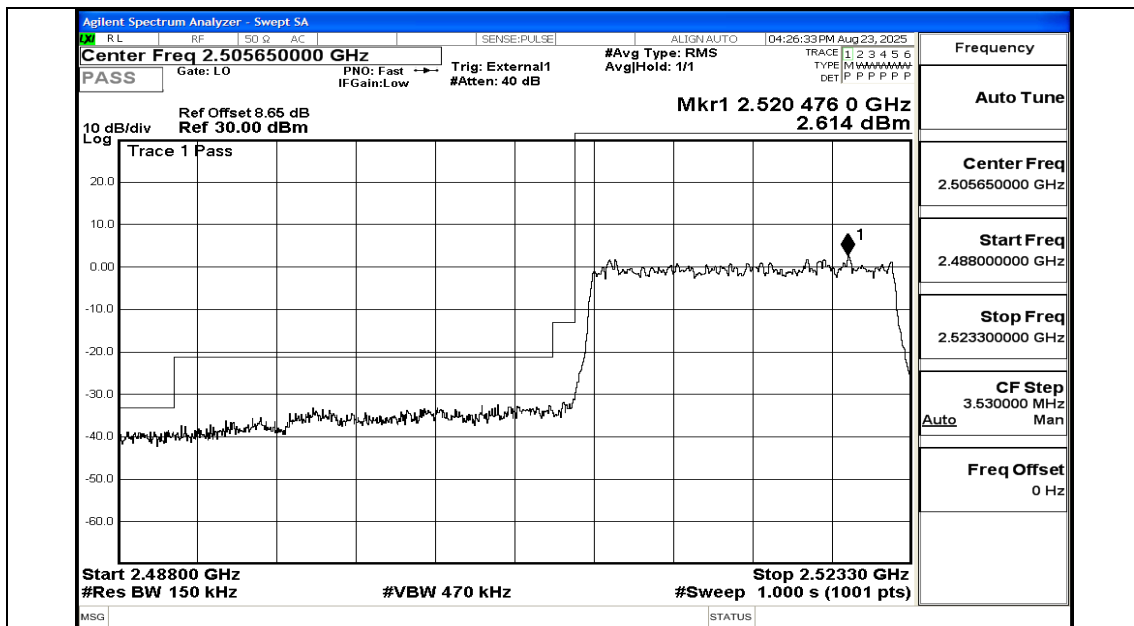


Band41_5MHz_16QAM_39788_25RB#0

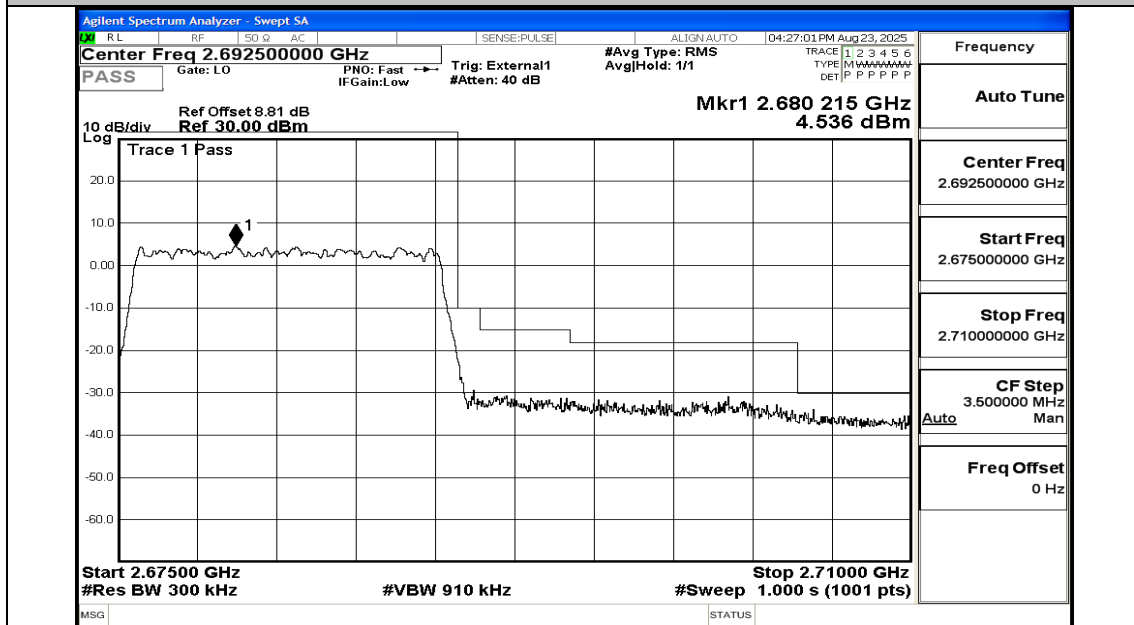




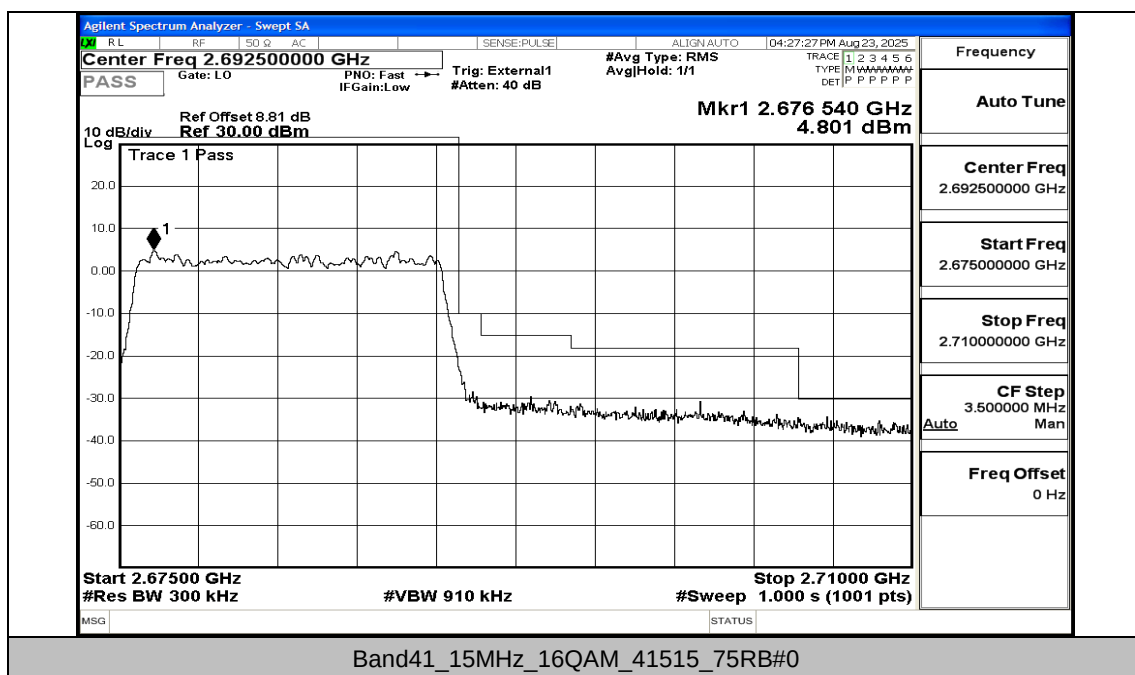




Band41_15MHz_16QAM_39848_75RB#0



Band41_15MHz_QPSK_41515_75RB#0



Appendix E: Conducted Spurious Emission

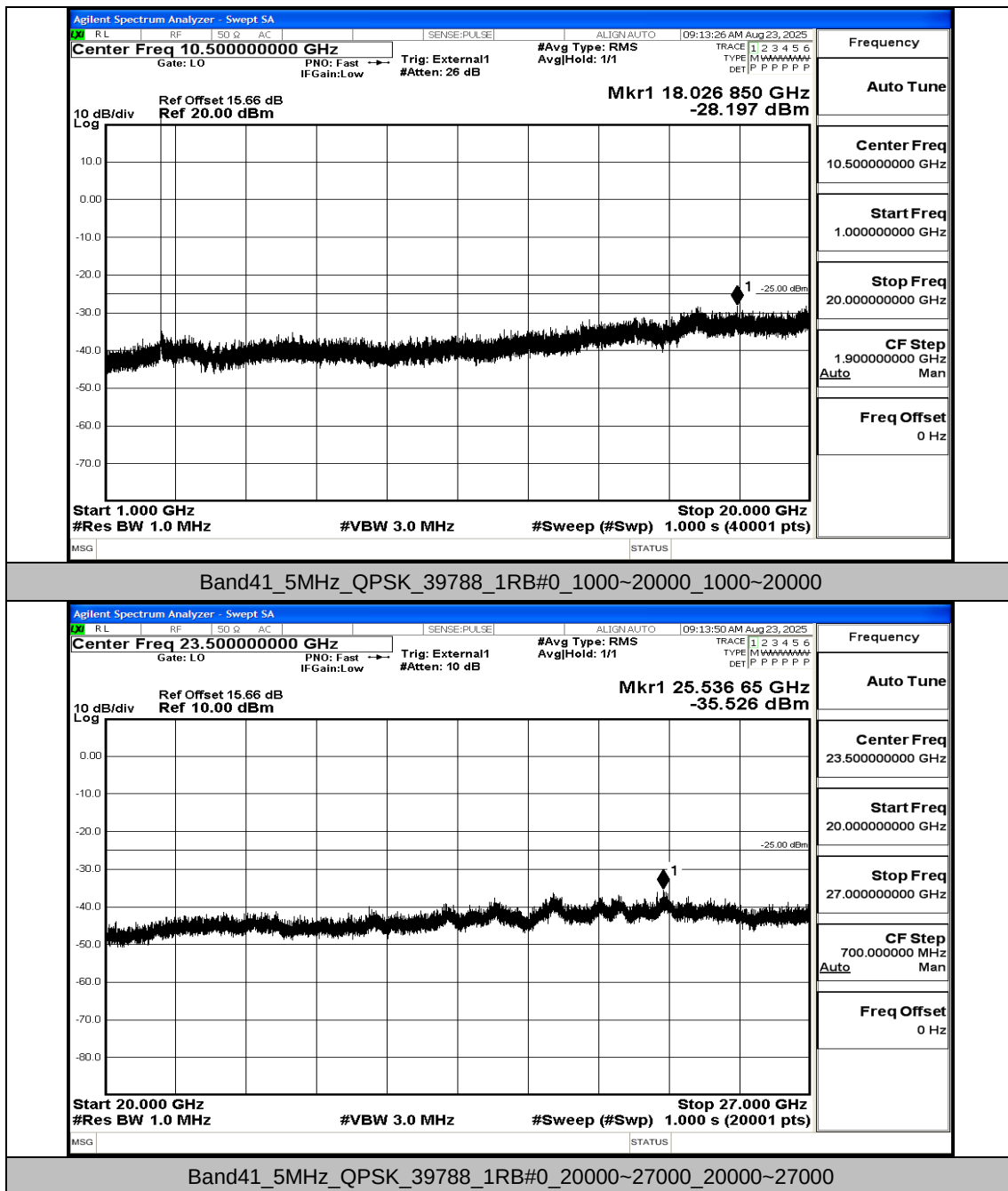
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39788	1RB#0	1000~20000	-28.20	PASS
Band41	5MHz	QPSK	39788	1RB#0	20000~27000	-35.53	PASS
Band41	5MHz	16QAM	39788	1RB#0	0.009~0.15	-63.46	PASS
Band41	5MHz	16QAM	39788	1RB#0	0.15~30	-64.70	PASS
Band41	5MHz	16QAM	39788	1RB#0	30~1000	-52.60	PASS
Band41	5MHz	16QAM	39788	1RB#0	1000~20000	-28.51	PASS
Band41	5MHz	QPSK	39788	1RB#0	0.009~0.15	-65.41	PASS
Band41	5MHz	QPSK	39788	1RB#0	0.15~30	-60.65	PASS
Band41	5MHz	QPSK	39788	1RB#0	30~1000	-52.30	PASS
Band41	5MHz	16QAM	39788	1RB#0	20000~27000	-36.38	PASS
Band41	5MHz	QPSK	40677	1RB#0	0.009~0.15	-65.59	PASS
Band41	5MHz	QPSK	40677	1RB#0	0.15~30	-65.96	PASS
Band41	5MHz	QPSK	40677	1RB#0	30~1000	-52.65	PASS
Band41	5MHz	QPSK	40677	1RB#0	1000~20000	-27.43	PASS
Band41	5MHz	QPSK	40677	1RB#0	20000~27000	-35.94	PASS
Band41	5MHz	16QAM	40677	1RB#0	0.009~0.15	-66.95	PASS
Band41	5MHz	16QAM	40677	1RB#0	0.15~30	-63.37	PASS
Band41	5MHz	16QAM	40677	1RB#0	30~1000	-52.97	PASS
Band41	5MHz	16QAM	40677	1RB#0	1000~20000	-27.73	PASS
Band41	5MHz	16QAM	40677	1RB#0	20000~27000	-36.52	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-67.01	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-60.91	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-51.81	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-28.20	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-36.21	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-66.72	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-62.47	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-52.86	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-27.67	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-36.02	PASS
Band41	10MHz	QPSK	39823	1RB#0	0.009~0.15	-65.18	PASS
Band41	10MHz	QPSK	39823	1RB#0	0.15~30	-62.20	PASS
Band41	10MHz	QPSK	39823	1RB#0	30~1000	-52.51	PASS
Band41	10MHz	QPSK	39823	1RB#0	1000~20000	-27.97	PASS
Band41	10MHz	QPSK	39823	1RB#0	20000~27000	-36.03	PASS
Band41	10MHz	16QAM	39823	1RB#0	0.009~0.15	-64.59	PASS

Band41	10MHz	16QAM	39823	1RB#0	0.15~30	-62.50	PASS
Band41	10MHz	16QAM	39823	1RB#0	30~1000	-52.72	PASS
Band41	10MHz	16QAM	39823	1RB#0	1000~20000	-28.71	PASS
Band41	10MHz	16QAM	39823	1RB#0	20000~27000	-36.02	PASS
Band41	10MHz	QPSK	40682	1RB#0	0.009~0.15	-66.31	PASS
Band41	10MHz	QPSK	40682	1RB#0	0.15~30	-64.75	PASS
Band41	10MHz	QPSK	40682	1RB#0	30~1000	-52.55	PASS
Band41	10MHz	QPSK	40682	1RB#0	1000~20000	-28.55	PASS
Band41	10MHz	QPSK	40682	1RB#0	20000~27000	-36.41	PASS
Band41	10MHz	16QAM	40682	1RB#0	0.009~0.15	-64.59	PASS
Band41	10MHz	16QAM	40682	1RB#0	0.15~30	-59.65	PASS
Band41	10MHz	16QAM	40682	1RB#0	30~1000	-52.72	PASS
Band41	10MHz	16QAM	40682	1RB#0	1000~20000	-28.29	PASS
Band41	10MHz	16QAM	40682	1RB#0	20000~27000	-35.82	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-65.34	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-65.45	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-52.84	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-28.02	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-35.95	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-64.45	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-65.57	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-53.08	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-27.78	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-36.80	PASS
Band41	15MHz	QPSK	39848	1RB#0	0.009~0.15	-65.34	PASS
Band41	15MHz	QPSK	39848	1RB#0	0.15~30	-63.28	PASS
Band41	15MHz	QPSK	39848	1RB#0	30~1000	-51.68	PASS
Band41	15MHz	QPSK	39848	1RB#0	1000~20000	-29.10	PASS
Band41	15MHz	QPSK	39848	1RB#0	20000~27000	-34.83	PASS
Band41	15MHz	16QAM	39848	1RB#0	0.009~0.15	-64.43	PASS
Band41	15MHz	16QAM	39848	1RB#0	0.15~30	-61.79	PASS
Band41	15MHz	16QAM	39848	1RB#0	30~1000	-52.82	PASS
Band41	15MHz	16QAM	39848	1RB#0	1000~20000	-27.51	PASS
Band41	15MHz	16QAM	39848	1RB#0	20000~27000	-35.85	PASS
Band41	15MHz	QPSK	40682	1RB#0	0.009~0.15	-66.11	PASS
Band41	15MHz	QPSK	40682	1RB#0	0.15~30	-63.51	PASS
Band41	15MHz	QPSK	40682	1RB#0	30~1000	-53.42	PASS
Band41	15MHz	QPSK	40682	1RB#0	1000~20000	-28.42	PASS
Band41	15MHz	QPSK	40682	1RB#0	20000~27000	-34.90	PASS
Band41	15MHz	16QAM	40682	1RB#0	0.009~0.15	-63.93	PASS
Band41	15MHz	16QAM	40682	1RB#0	0.15~30	-62.89	PASS
Band41	15MHz	16QAM	40682	1RB#0	30~1000	-53.23	PASS
Band41	15MHz	16QAM	40682	1RB#0	1000~20000	-27.99	PASS

Band41	15MHz	16QAM	40682	1RB#0	20000~27000	-35.80	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-64.69	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-60.91	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-52.99	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-28.31	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-36.08	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-64.15	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-65.56	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-52.83	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-28.23	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-36.16	PASS
Band41	20MHz	QPSK	39873	1RB#0	0.009~0.15	-67.54	PASS
Band41	20MHz	QPSK	39873	1RB#0	0.15~30	-61.61	PASS
Band41	20MHz	QPSK	39873	1RB#0	30~1000	-51.52	PASS
Band41	20MHz	QPSK	39873	1RB#0	1000~20000	-27.90	PASS
Band41	20MHz	QPSK	39873	1RB#0	20000~27000	-36.34	PASS
Band41	20MHz	16QAM	39873	1RB#0	0.009~0.15	-63.77	PASS
Band41	20MHz	16QAM	39873	1RB#0	0.15~30	-64.42	PASS
Band41	20MHz	16QAM	39873	1RB#0	30~1000	-52.75	PASS
Band41	20MHz	16QAM	39873	1RB#0	1000~20000	-28.46	PASS
Band41	20MHz	16QAM	39873	1RB#0	20000~27000	-35.67	PASS
Band41	20MHz	QPSK	40682	1RB#0	0.009~0.15	-66.04	PASS
Band41	20MHz	QPSK	40682	1RB#0	0.15~30	-47.48	PASS
Band41	20MHz	QPSK	40682	1RB#0	30~1000	-53.14	PASS
Band41	20MHz	QPSK	40682	1RB#0	1000~20000	-28.39	PASS
Band41	20MHz	QPSK	40682	1RB#0	20000~27000	-35.27	PASS
Band41	20MHz	16QAM	40682	1RB#0	0.009~0.15	-65.23	PASS
Band41	20MHz	16QAM	40682	1RB#0	0.15~30	-46.26	PASS
Band41	20MHz	16QAM	40682	1RB#0	30~1000	-53.17	PASS
Band41	20MHz	16QAM	40682	1RB#0	1000~20000	-28.24	PASS
Band41	20MHz	16QAM	40682	1RB#0	20000~27000	-35.99	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-65.02	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-62.07	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-52.92	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-28.78	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-35.48	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-66.11	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-62.11	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-52.73	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-28.10	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-36.10	PASS

Test Graphs



Band41_5MHz_QPSK_39788_1RB#0_1000~20000_1000~20000

Agilent Spectrum Analyzer - Swept SA

Center Freq 23.500000000 GHz

Gate: LO

PNO: Fast

IFGain: Low

Trig: External1

#Atten: 10 dB

#Avg Type: RMS

AvgHold: 1/1

09:13:50 AM Aug 23, 2025

TRACE 1 2 3 4 5 6

TYPE M M M M M M M M

DET P P P P P P P

Frequency

Auto Tune

Center Freq 23.500000000 GHz

Start Freq 20.000000000 GHz

Stop Freq 27.000000000 GHz

CF Step 700.000000 MHz

Auto Man

Freq Offset 0 Hz

10 dB/div

Ref Offset 15.66 dB

Ref 10.00 dBm

Mkr1 25.536 65 GHz

-35.526 dBm

Start 20.000 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz

#Sweep (#Swp) 1.000 s (20001 pts)

MSG STATUS

Band41_5MHz_QPSK_39788_1RB#0_20000~27000_20000~27000

