

Appendix RF Test Data for LTE Band 38

Company: : Shenzhen Wufang Technology Co., Ltd.

EUT : Tablet

Model Number : X1

FCC ID : 2BMOX-X1

Report No. : CTA25081801112

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.57	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.13	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.24	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.18	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.28	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.11	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.32	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.64	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.33	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.67	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.26	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.59	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.30	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.67	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.86	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.79	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.83	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.67	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.85	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.66	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.08	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.33	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.08	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.33	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.02	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.12	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.44	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.89	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.43	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.76	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.63	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.87	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.46	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.84	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.16	PASS

Band38	5MHz	QPSK	38225	12RB#6	20.84	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.23	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.93	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.19	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.97	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.34	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.85	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.46	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.68	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.44	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.75	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.41	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.52	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.88	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.53	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.85	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.42	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.82	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.52	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.86	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.20	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.26	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.94	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.15	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.92	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.38	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.95	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.44	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.96	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.40	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.96	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.41	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.65	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.22	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.05	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.18	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.93	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.14	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.95	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.14	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.37	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.11	PASS

Band38	10MHz	16QAM	38200	25RB#12	20.38	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.88	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.19	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.90	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.23	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.77	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.60	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.75	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.54	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.62	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.45	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.43	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.44	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.44	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.44	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.44	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.44	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.44	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.96	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.98	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.28	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.91	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.89	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.31	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.24	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.41	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.41	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.28	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.23	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.23	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.23	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.23	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.55	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.41	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.20	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.24	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.09	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.19	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.02	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.17	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.17	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.17	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.17	PASS

Band38	15MHz	QPSK	38175	38RB#37	21.17	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.17	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.17	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.50	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.25	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.95	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.11	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.84	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.11	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.58	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.55	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.02	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.56	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.02	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.42	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.57	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.90	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.16	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.70	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.55	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.67	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.39	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.62	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.43	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.79	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.44	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.79	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.35	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.67	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.39	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.70	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.15	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.37	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.96	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.22	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.77	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.27	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.66	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.28	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.61	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.04	PASS

Band38	20MHz	16QAM	38150	50RB#50	20.53	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.18	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.58	PASS

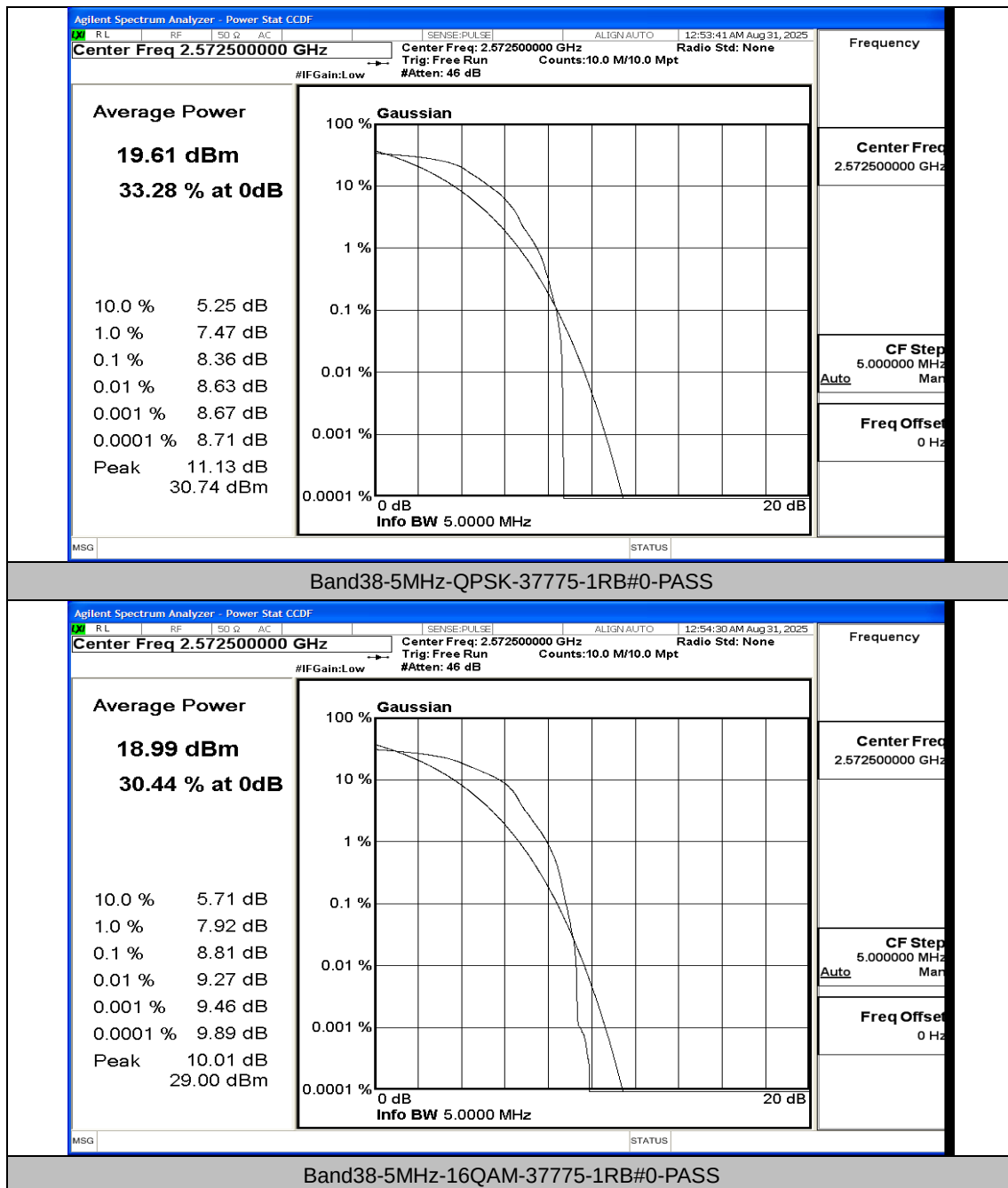
Appendix B: Peak-to-Average Ratio(CCDF)

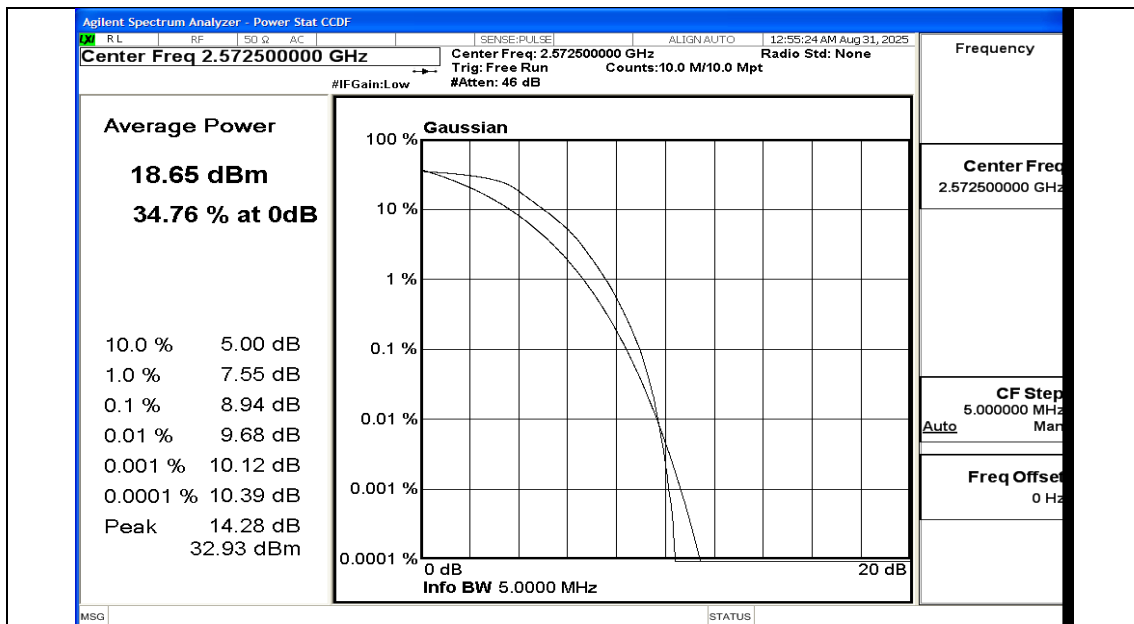
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.36	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	8.81	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	8.94	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.49	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.57	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	8.96	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.27	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.68	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.32	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.62	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.90	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.71	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.24	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	8.86	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.25	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.65	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.40	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	8.67	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.16	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.72	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.46	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	8.56	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.00	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.77	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.28	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	8.73	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.21	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.60	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.36	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	8.74	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.37	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.66	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.37	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.26	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.27	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.68	13	PASS

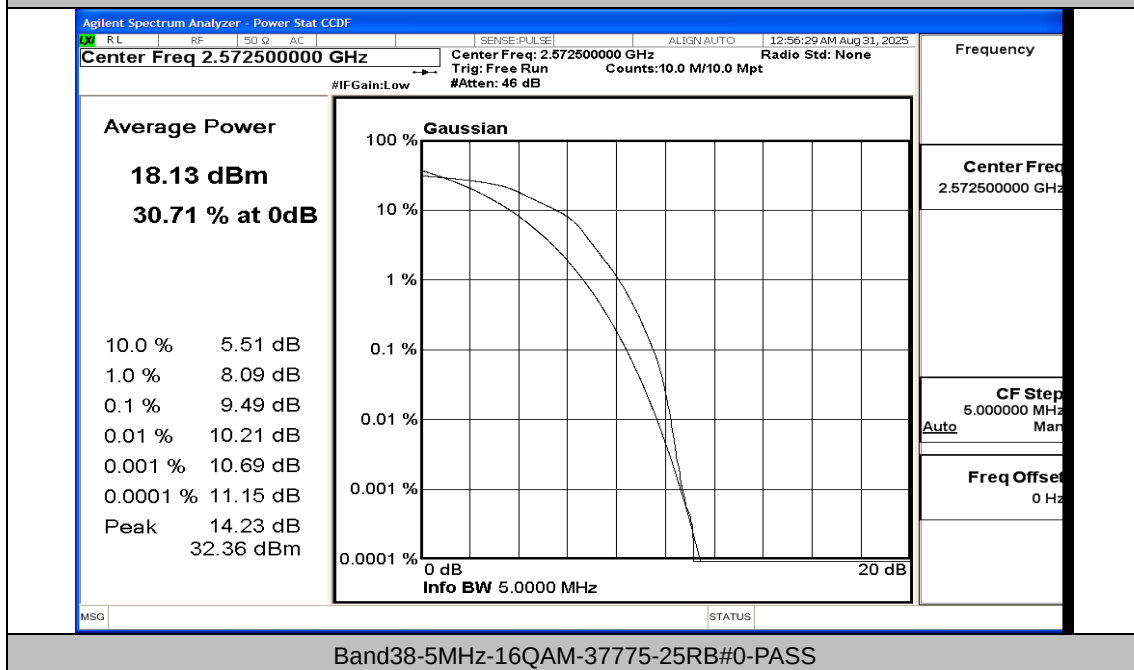
Band38	20MHz	QPSK	37850	1RB#0	8.16	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.76	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.90	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.59	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.38	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	8.76	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.24	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.59	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.56	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	8.63	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.77	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.69	13	PASS

Test Graphs

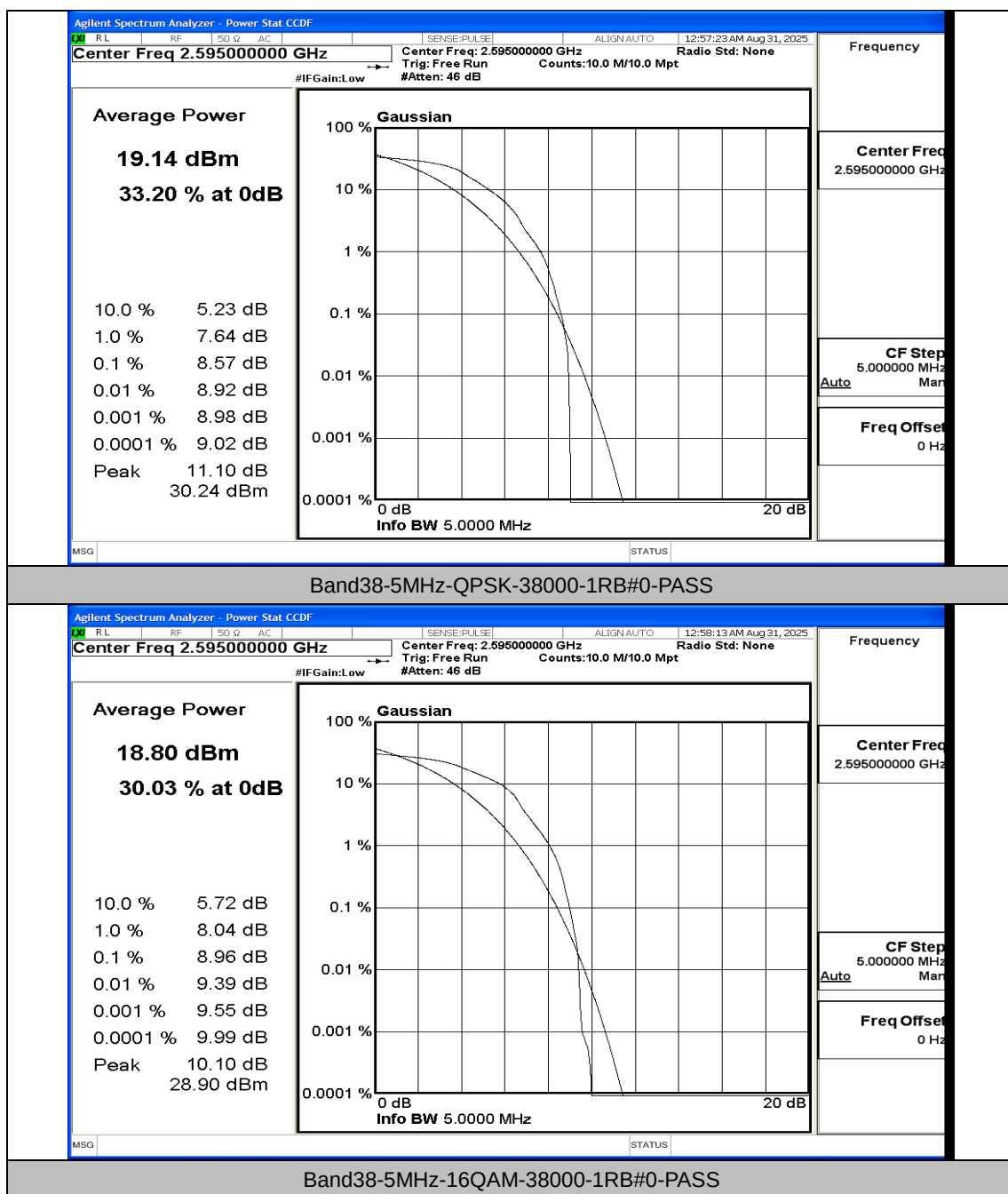


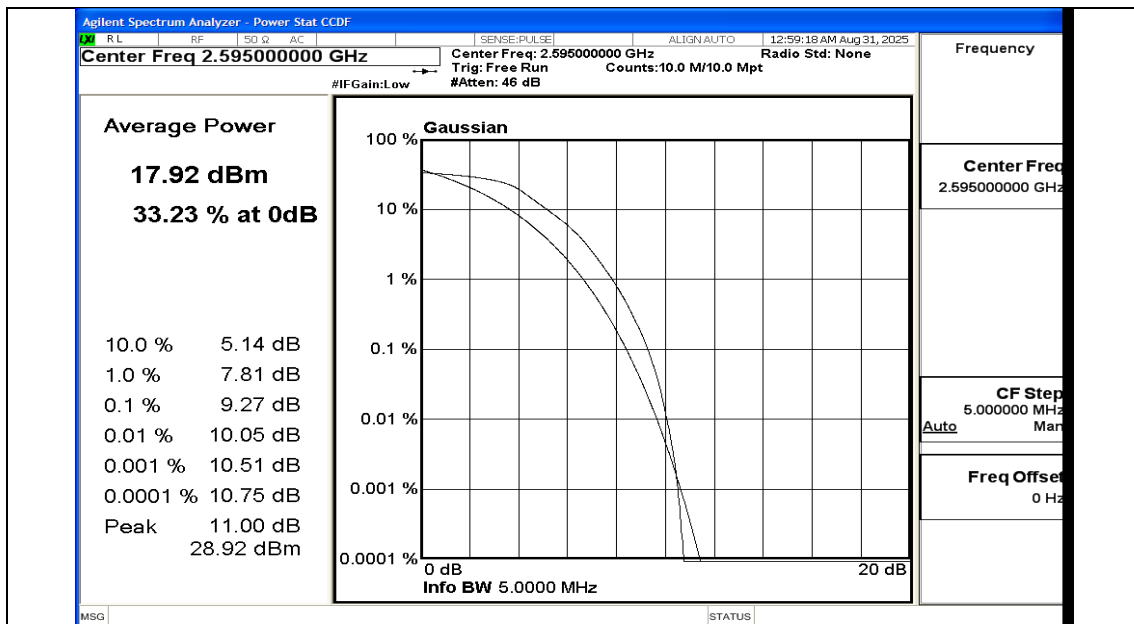


Band38-5MHz-QPSK-37775-25RB#0-PASS

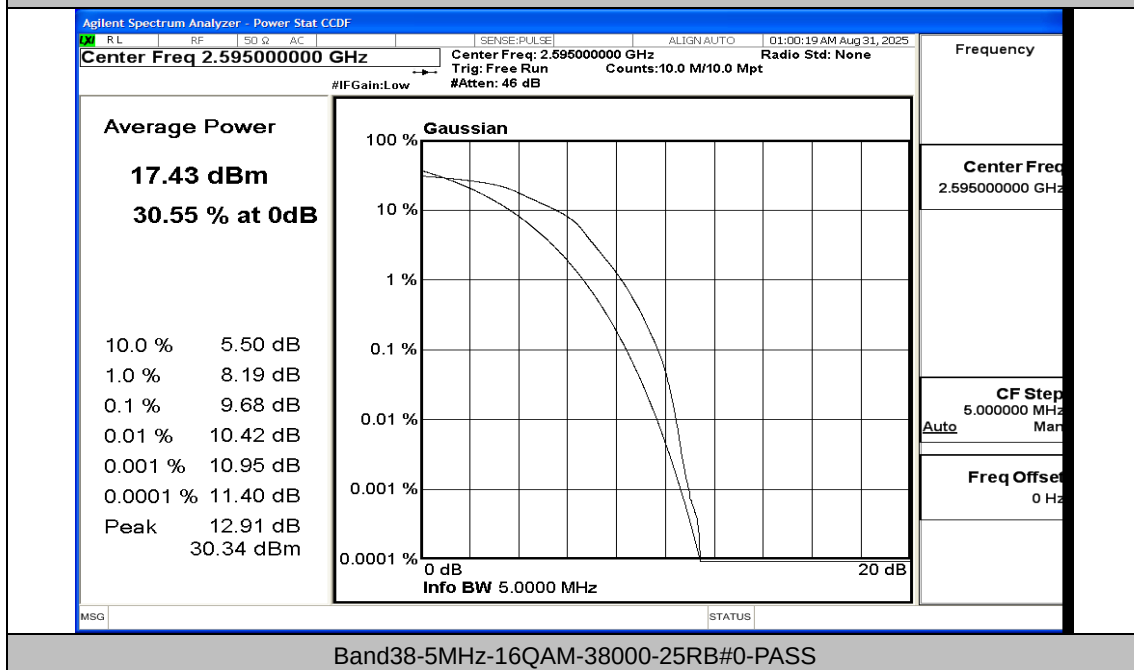


Band38-5MHz-16QAM-37775-25RB#0-PASS

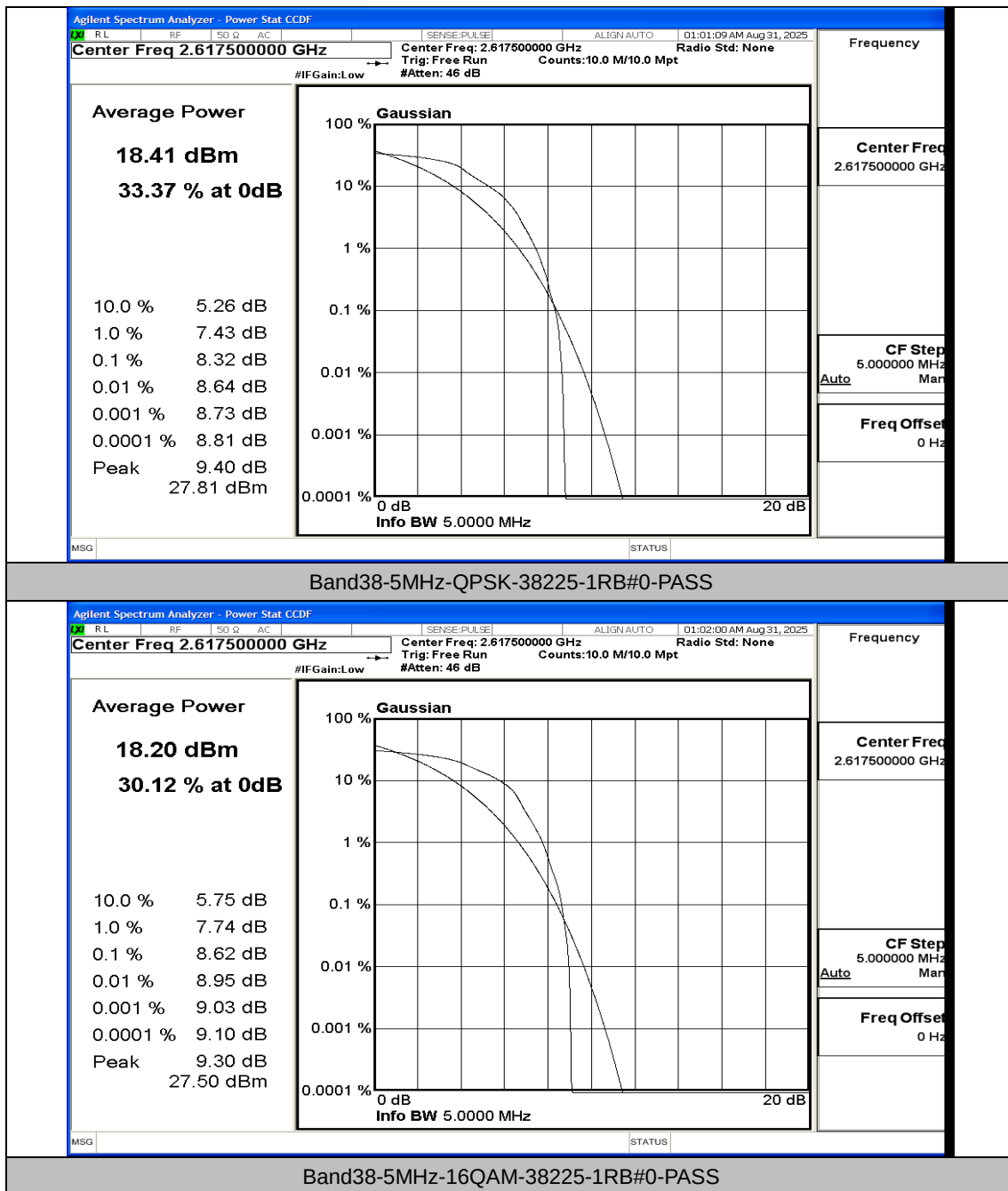


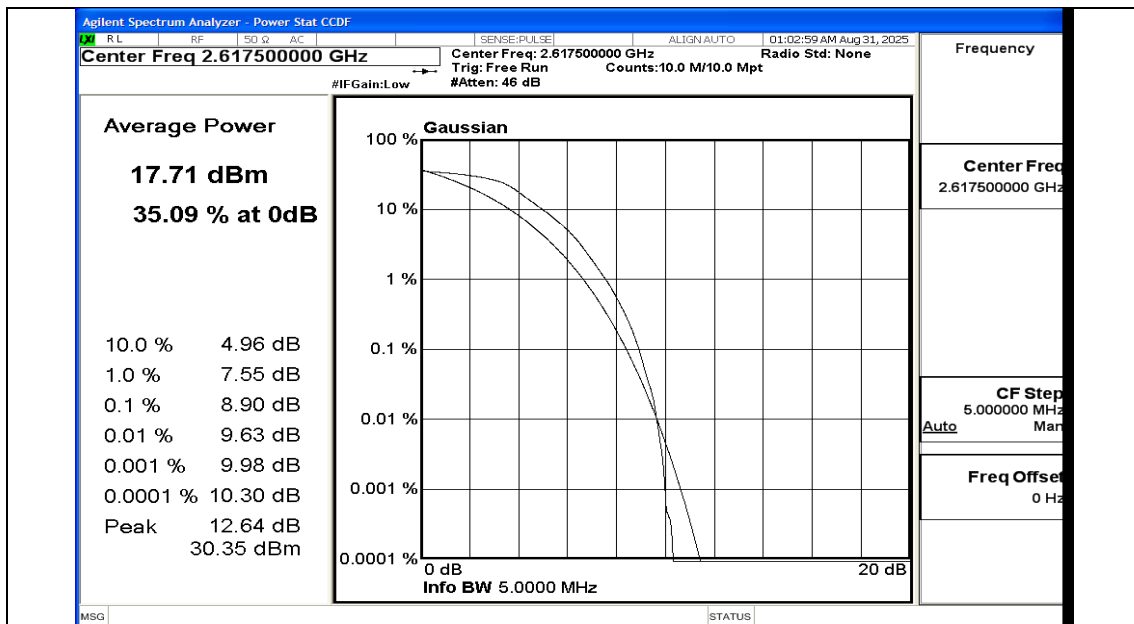


Band38-5MHz-QPSK-38000-25RB#0-PASS

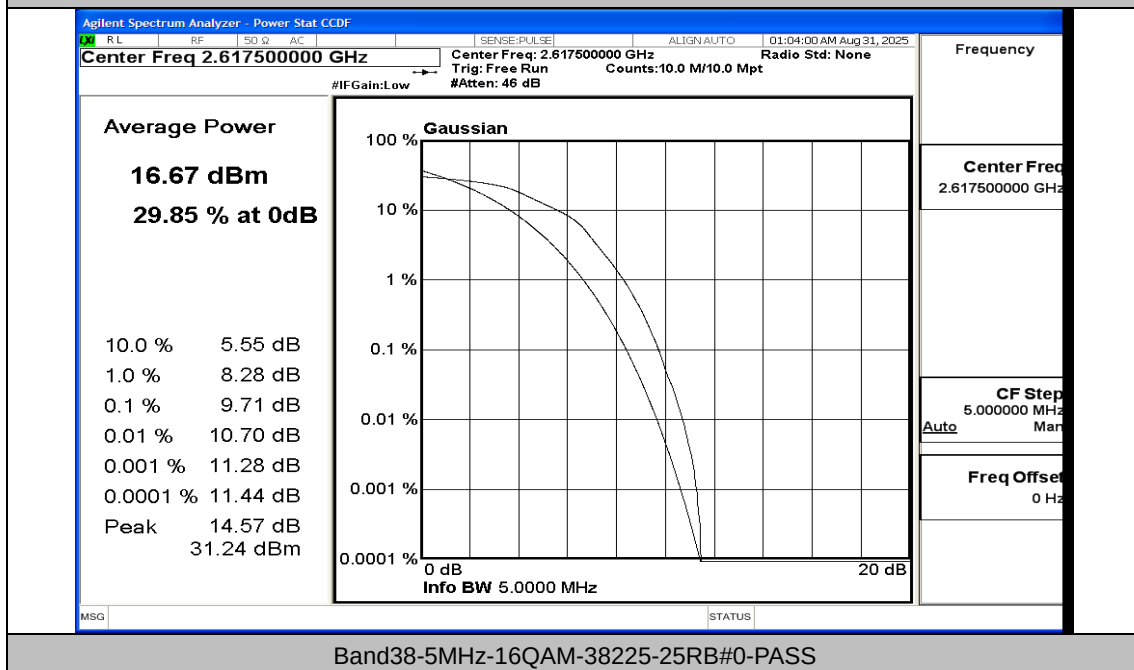


Band38-5MHz-16QAM-38000-25RB#0-PASS

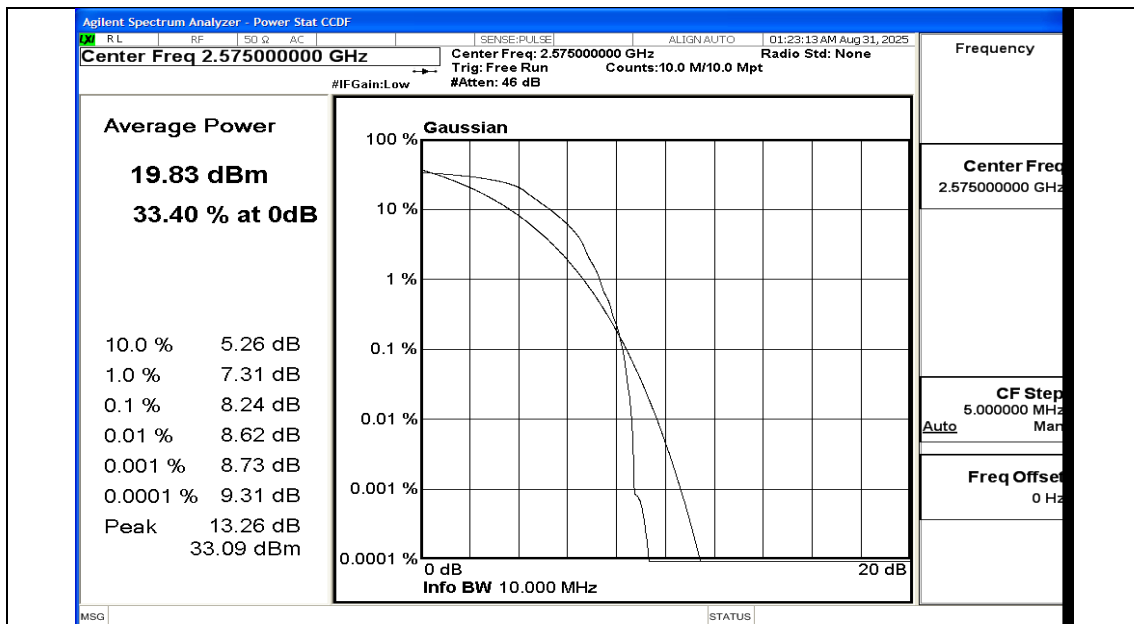




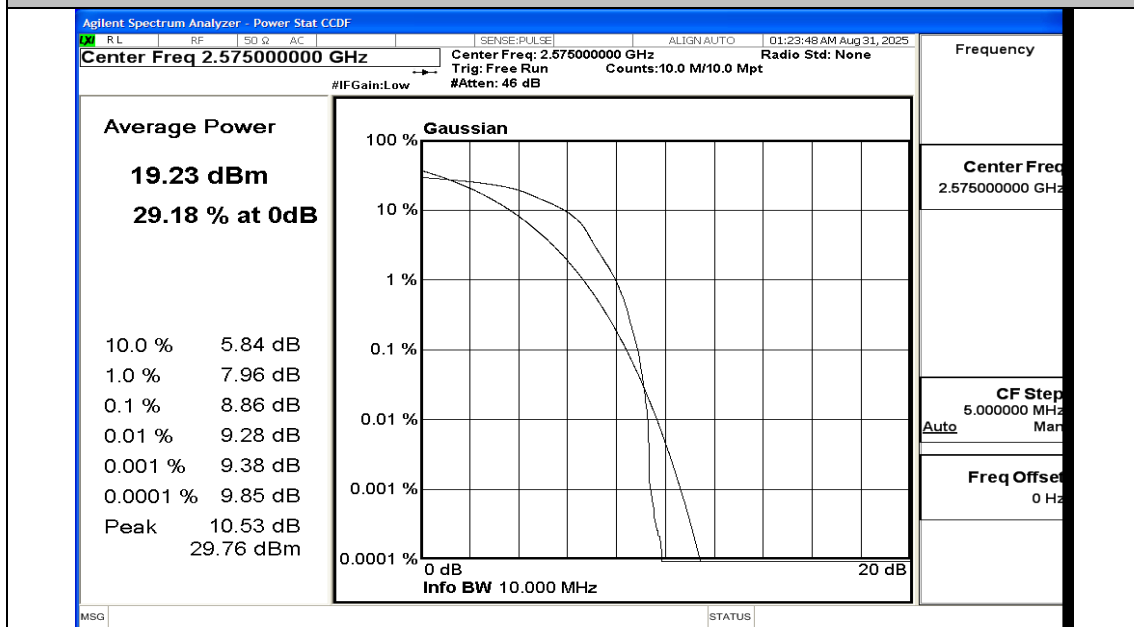
Band38-5MHz-QPSK-38225-25RB#0-PASS



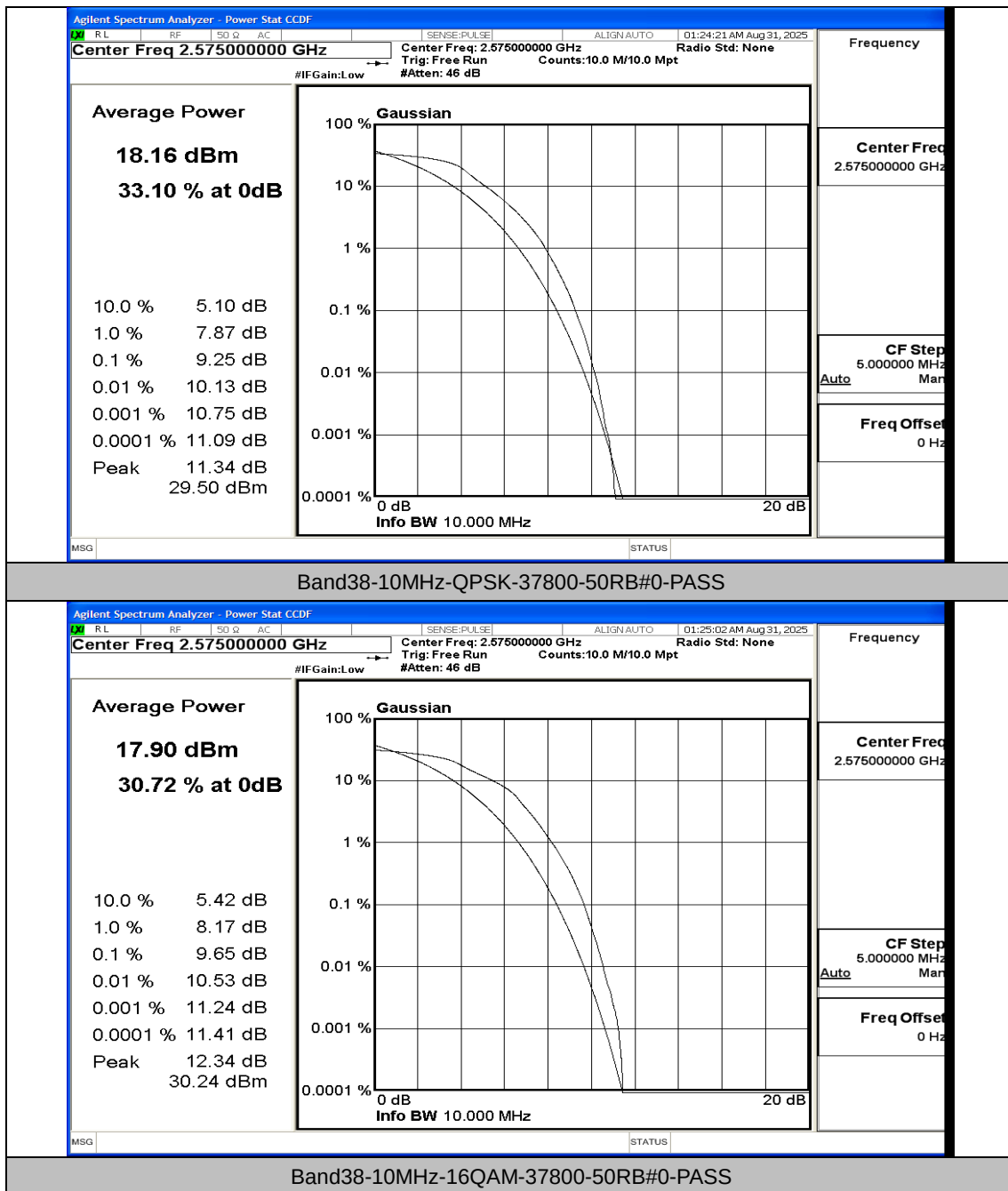
Band38-5MHz-16QAM-38225-25RB#0-PASS

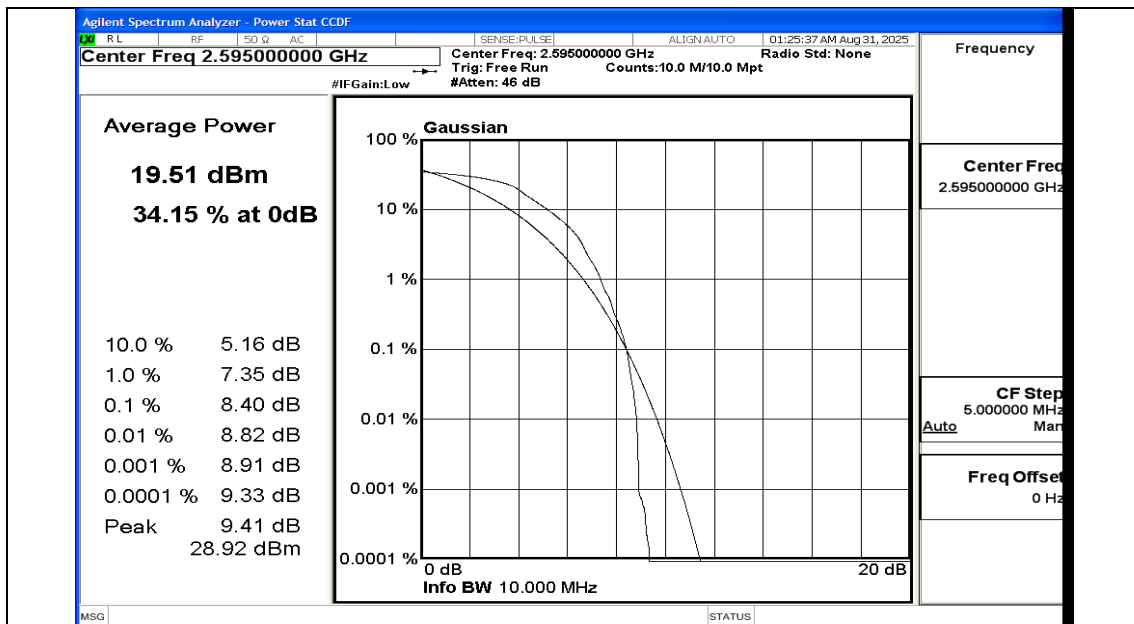


Band38-10MHz-QPSK-37800-1RB#0-PASS

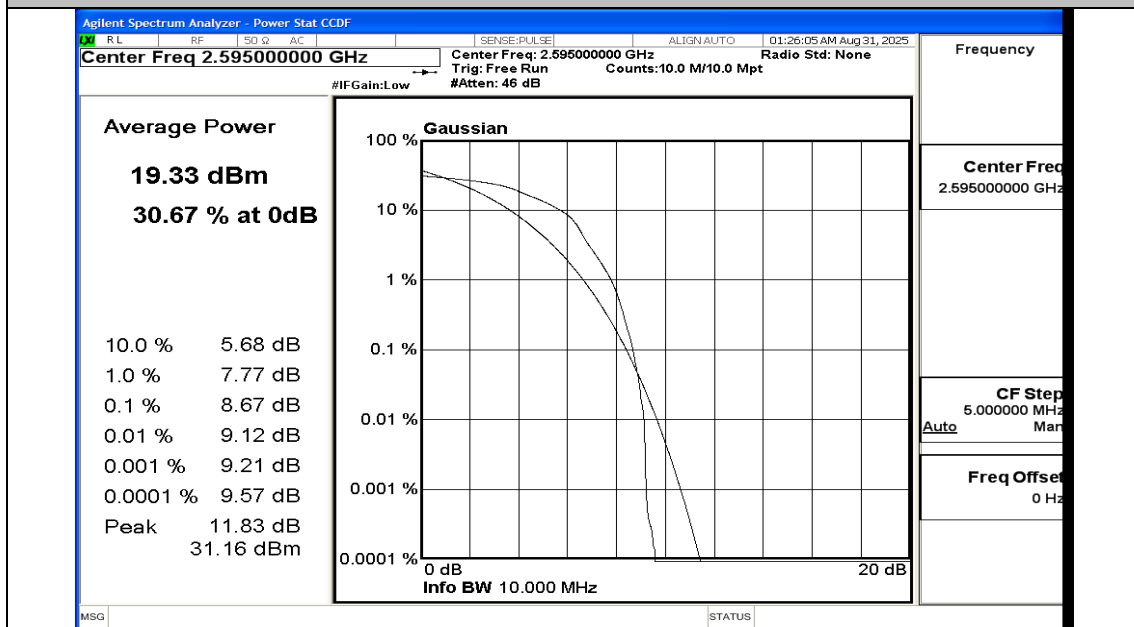


Band38-10MHz-16QAM-37800-1RB#0-PASS

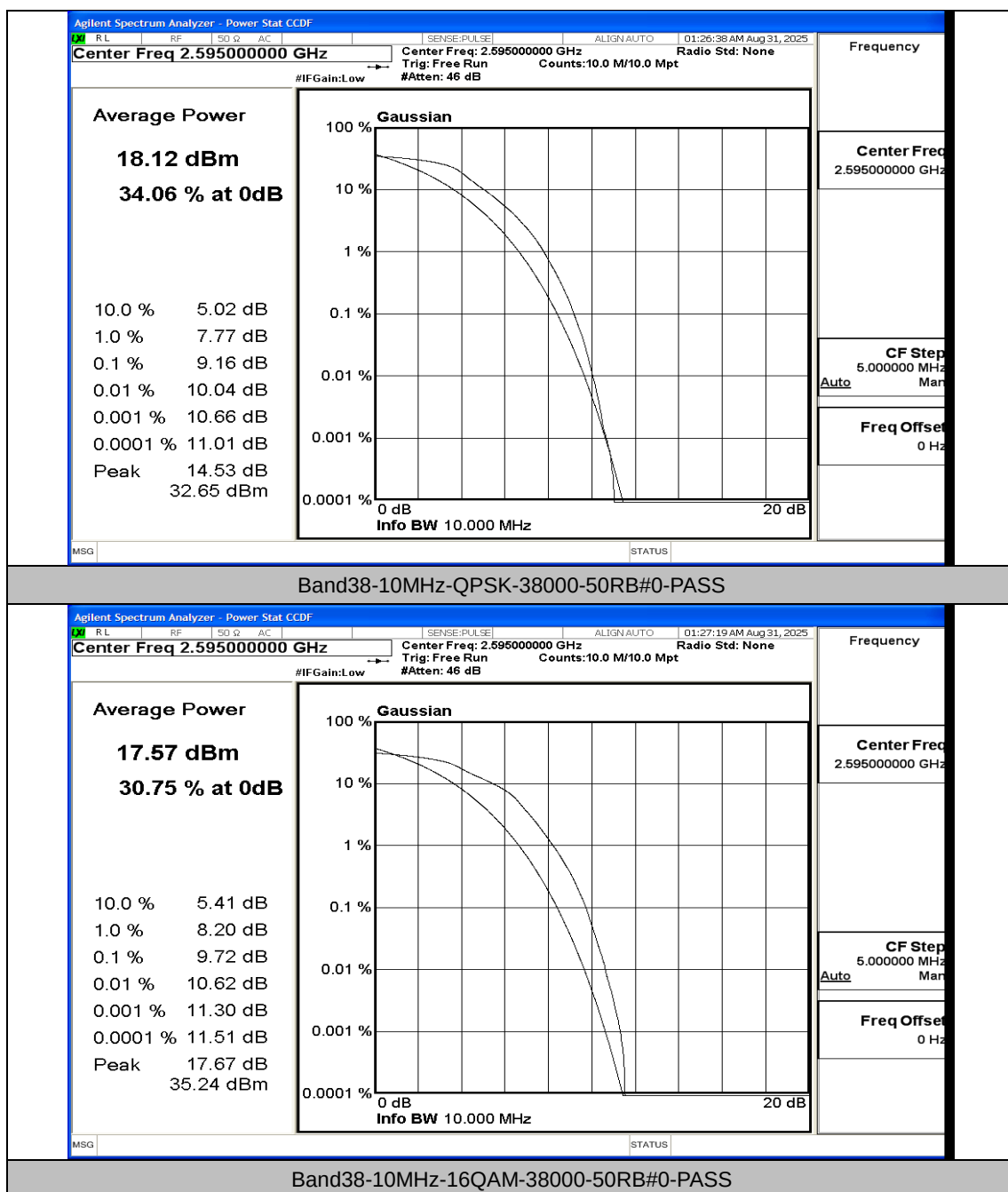


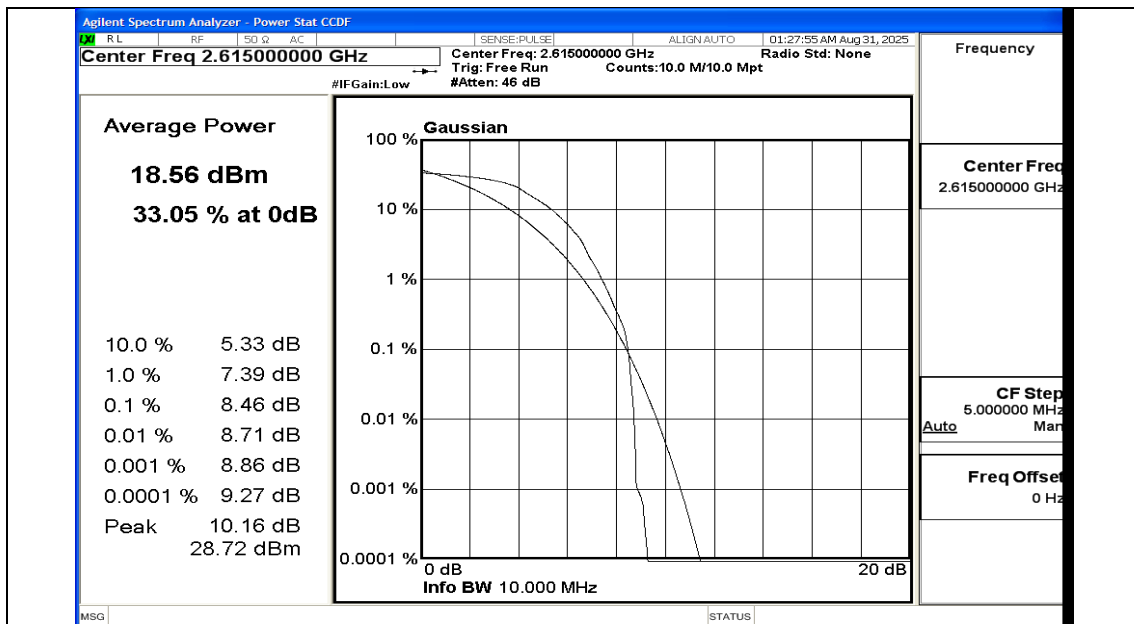


Band38-10MHz-QPSK-38000-1RB#0-PASS

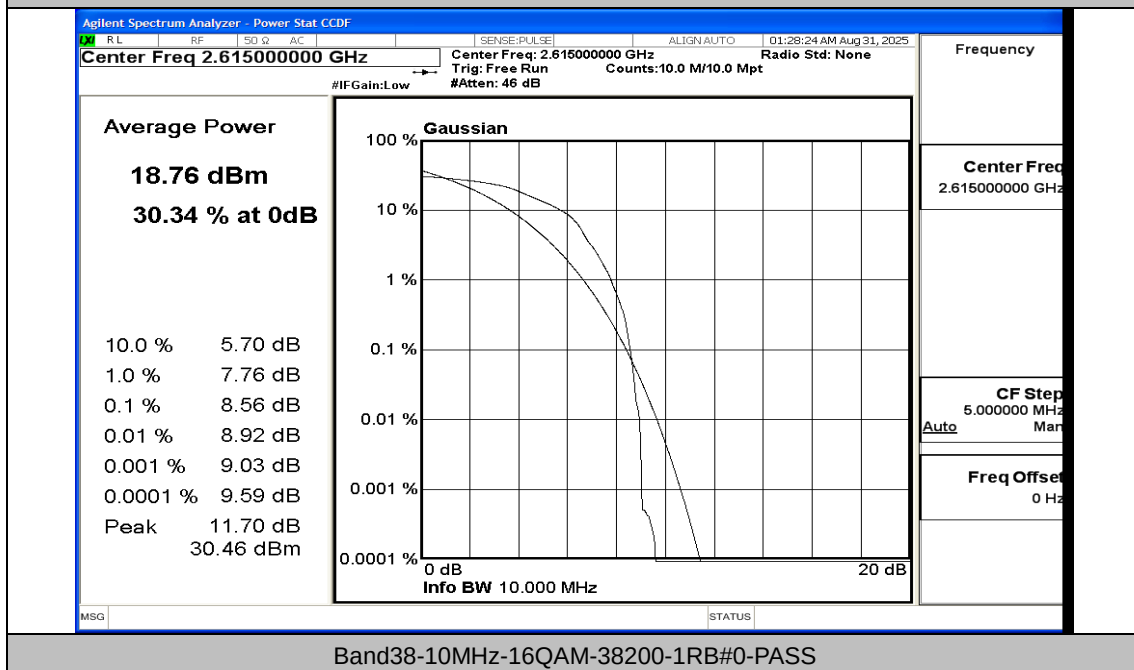


Band38-10MHz-16QAM-38000-1RB#0-PASS

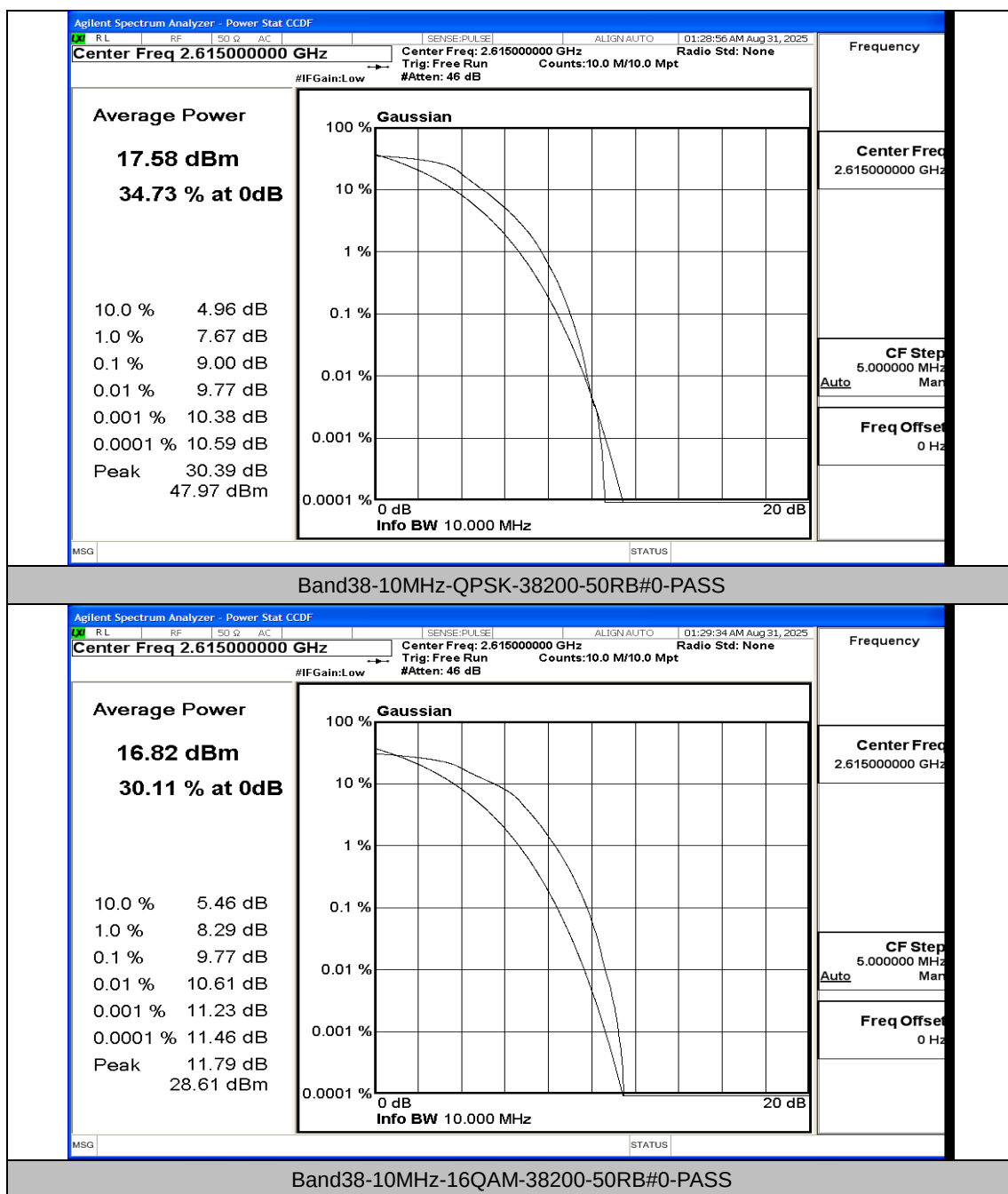


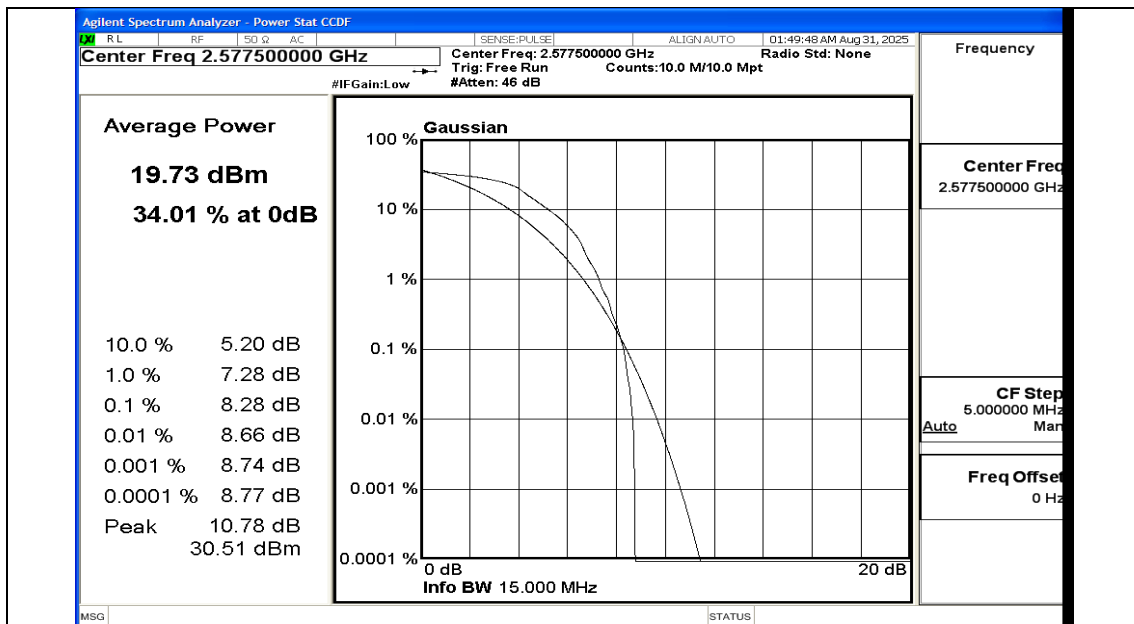


Band38-10MHz-QPSK-38200-1RB#0-PASS

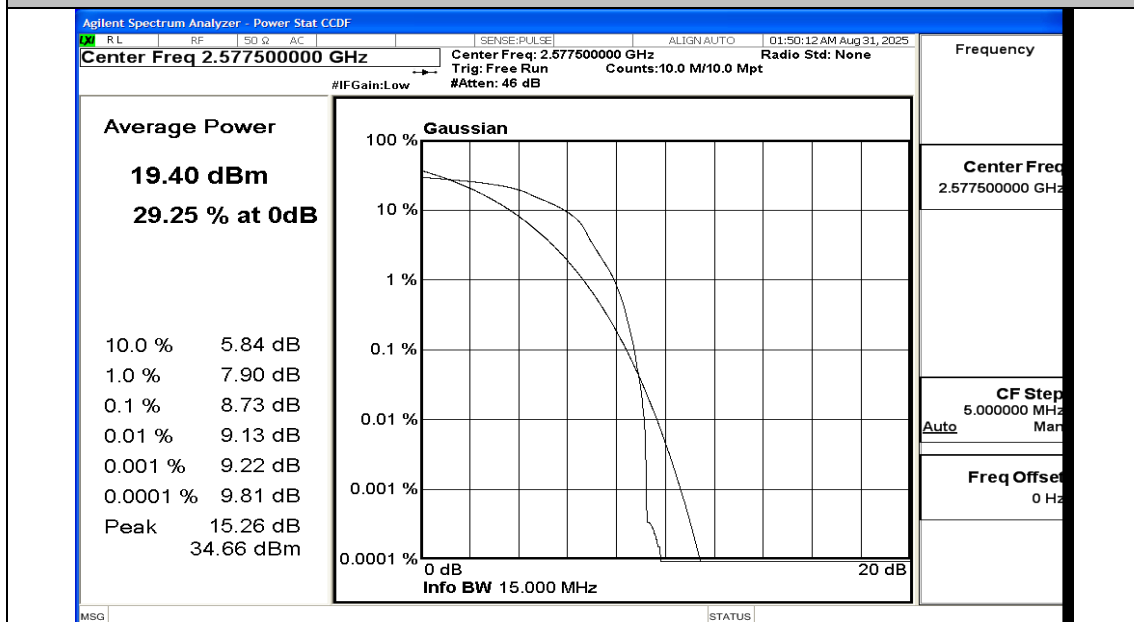


Band38-10MHz-16QAM-38200-1RB#0-PASS

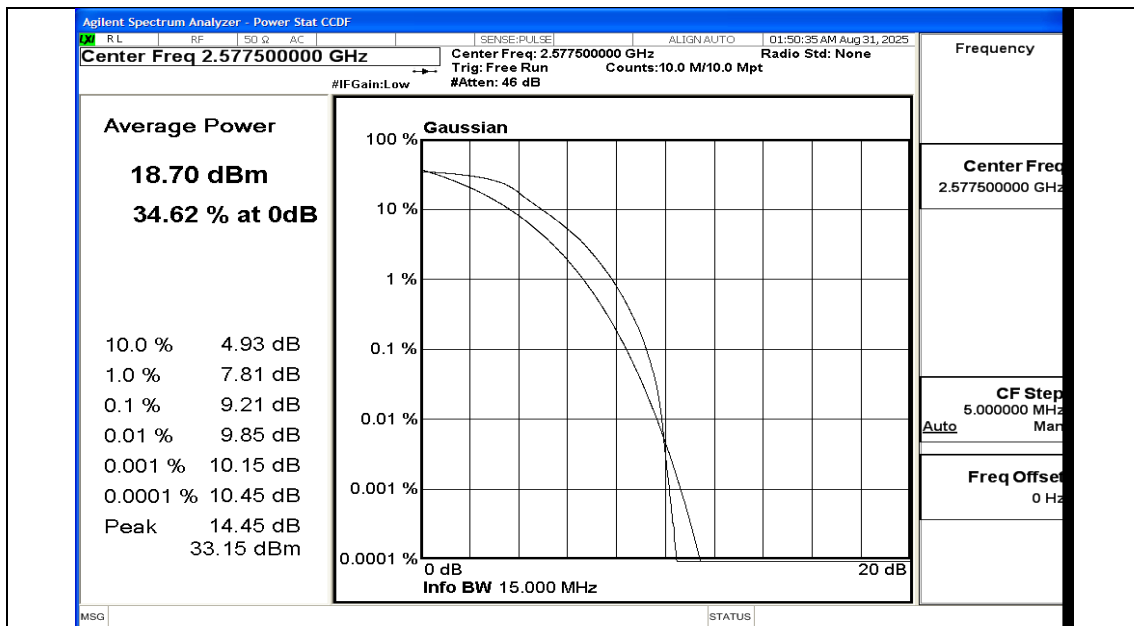




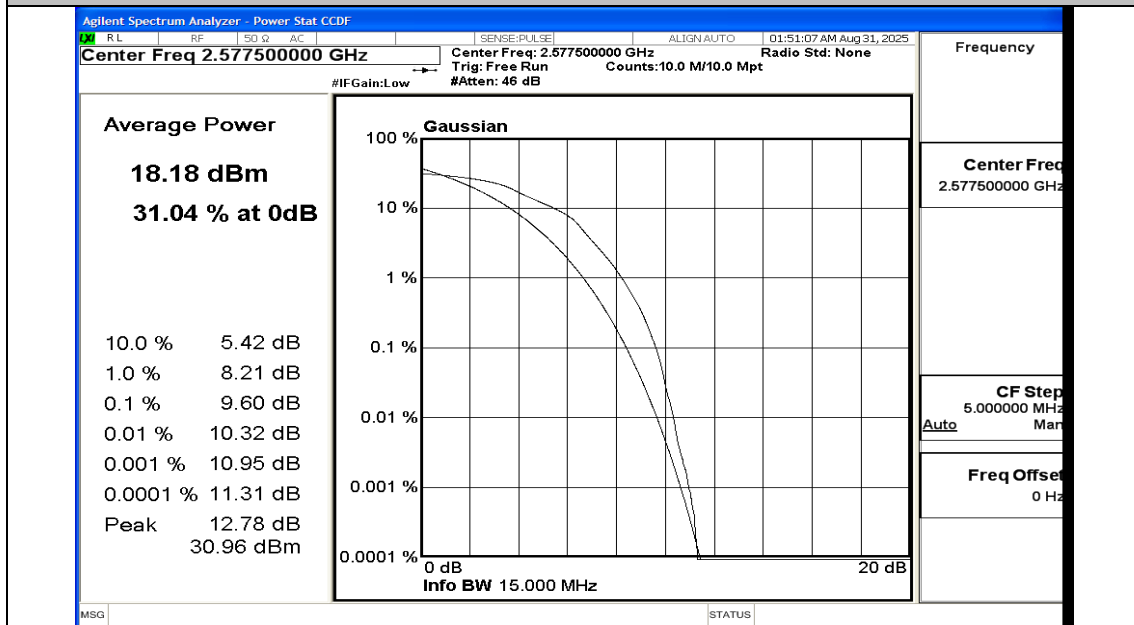
Band38-15MHz-QPSK-37825-1RB#0-PASS



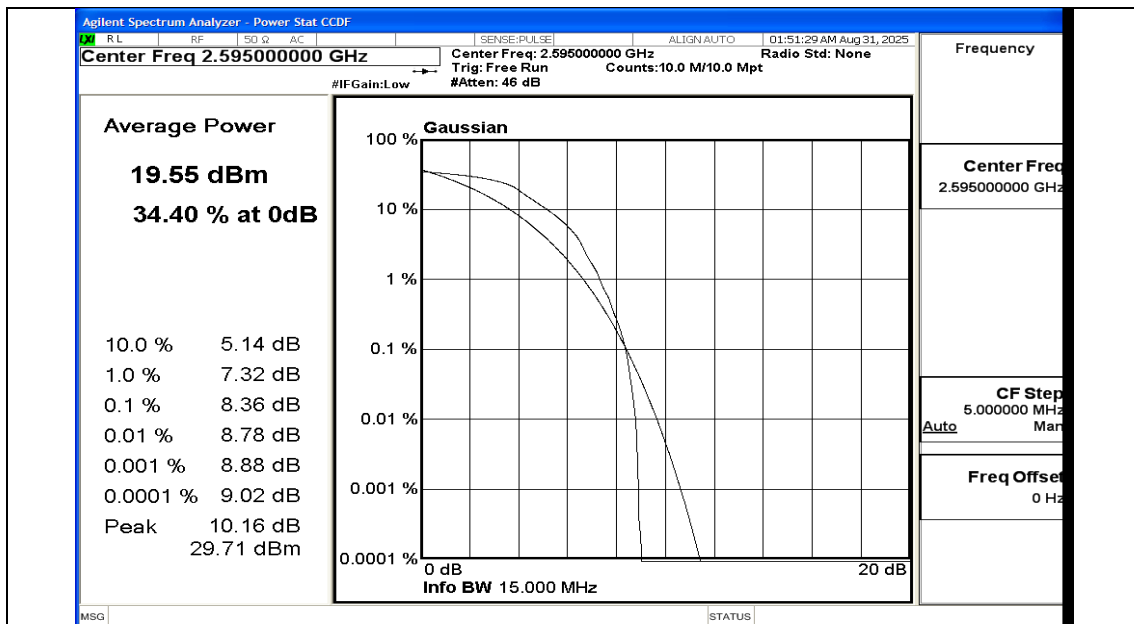
Band38-15MHz-16QAM-37825-1RB#0-PASS



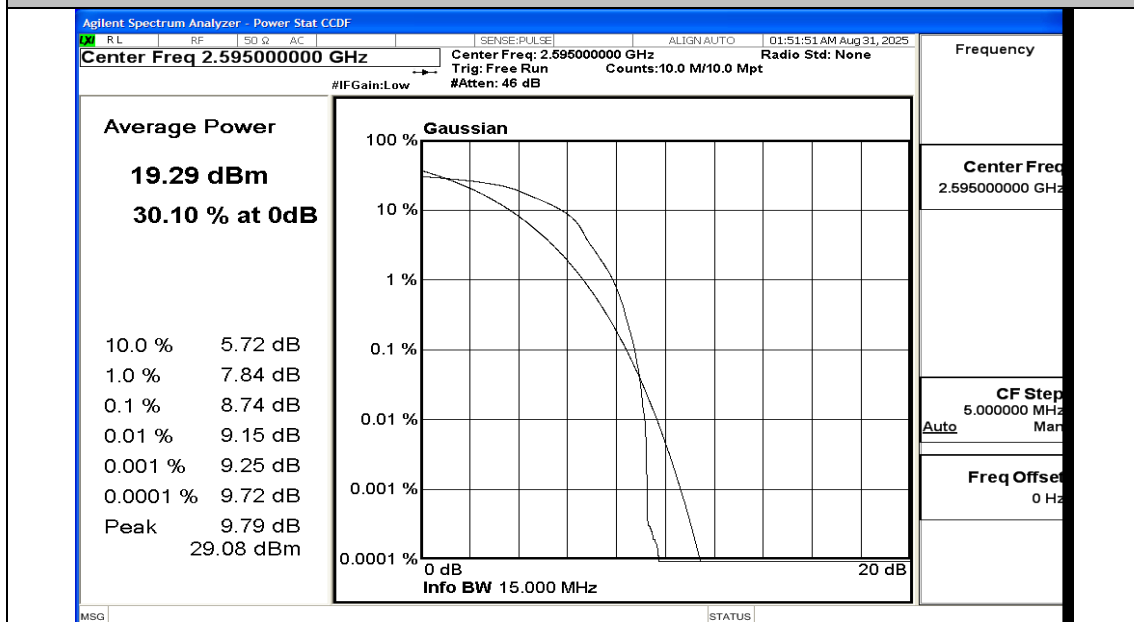
Band38-15MHz-QPSK-37825-75RB#0-PASS



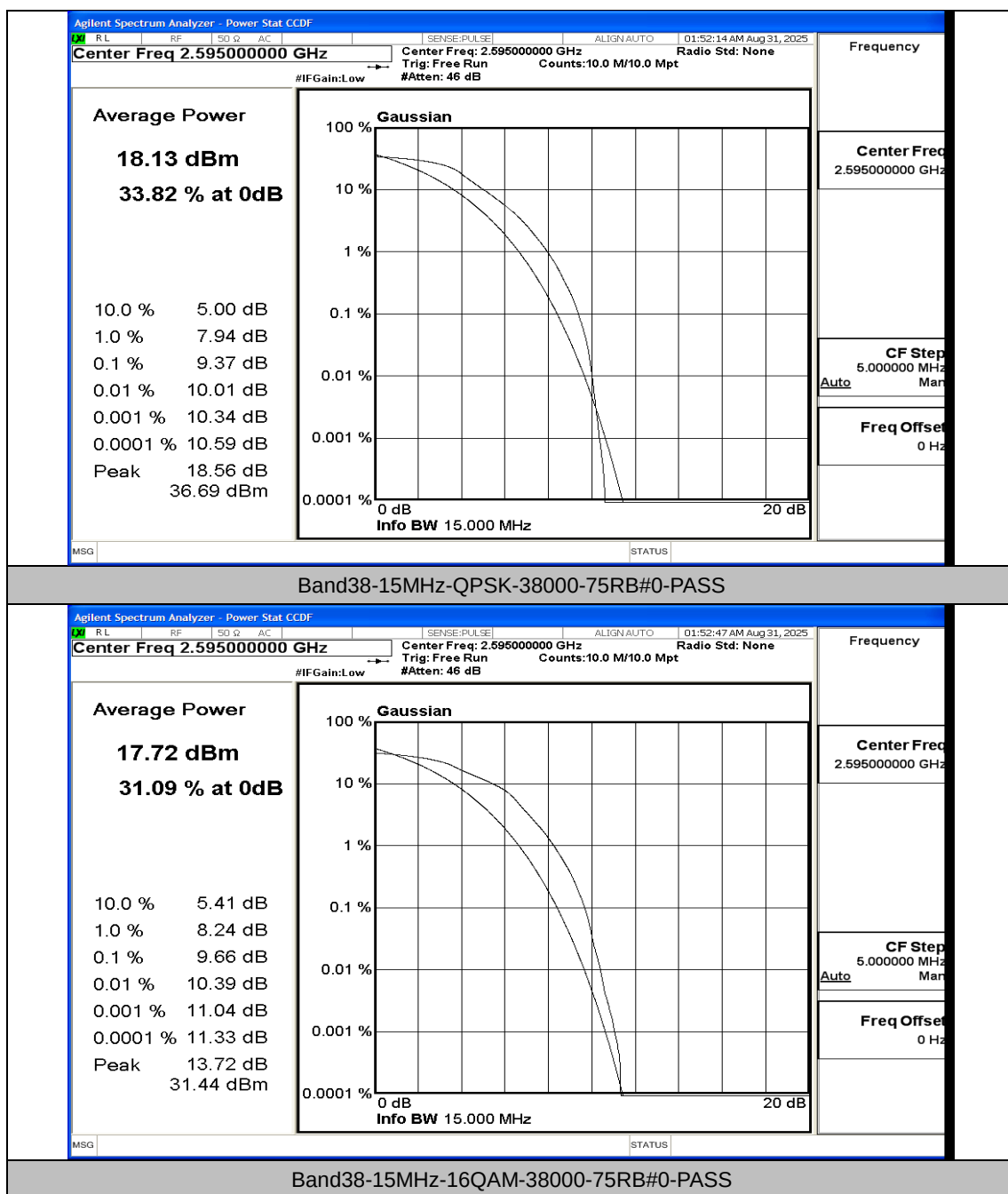
Band38-15MHz-16QAM-37825-75RB#0-PASS

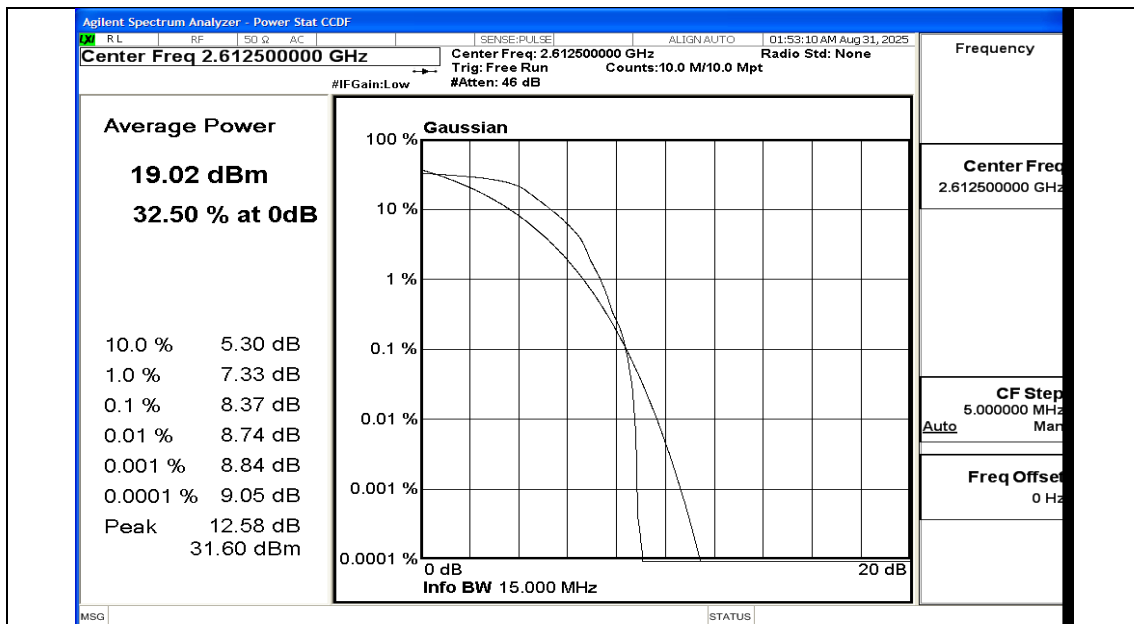


Band38-15MHz-QPSK-38000-1RB#0-PASS

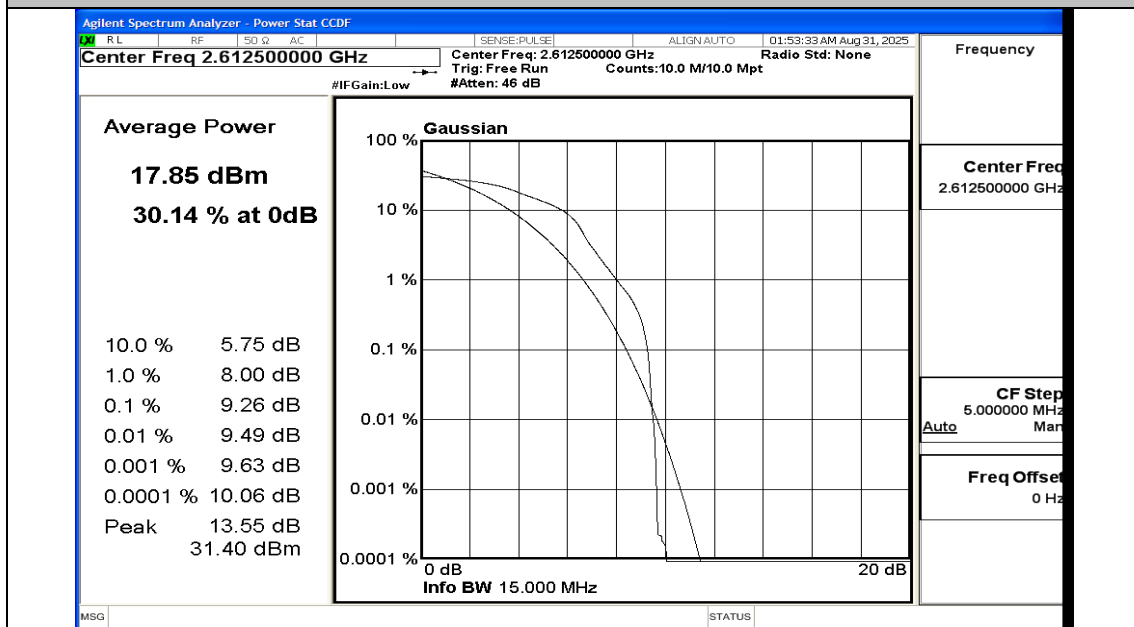


Band38-15MHz-16QAM-38000-1RB#0-PASS

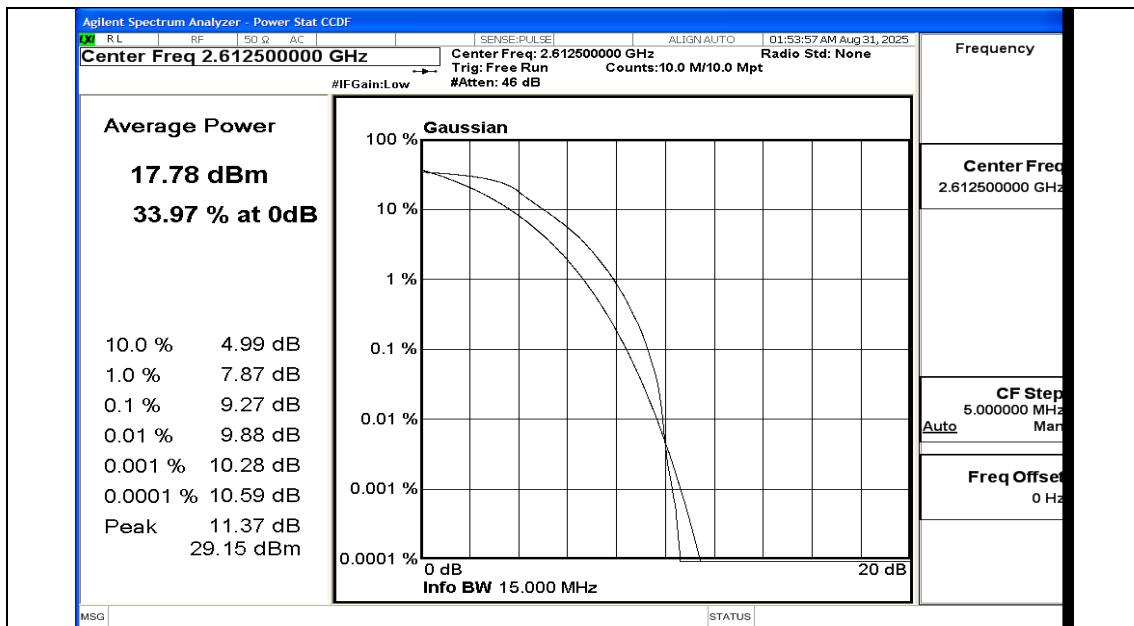




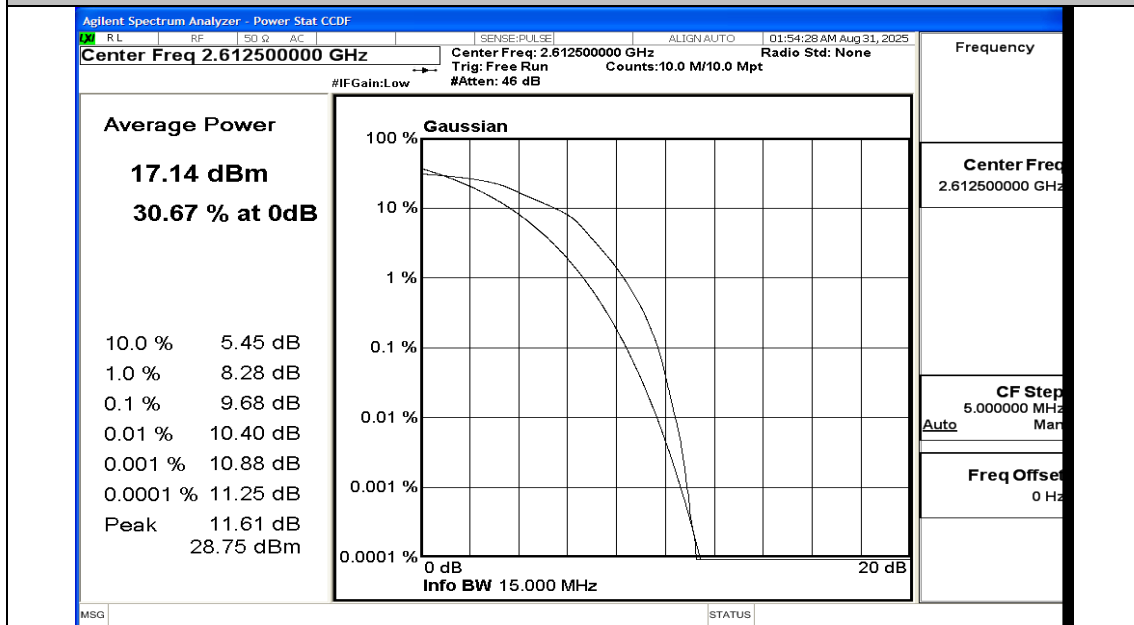
Band38-15MHz-QPSK-38175-1RB#0-PASS



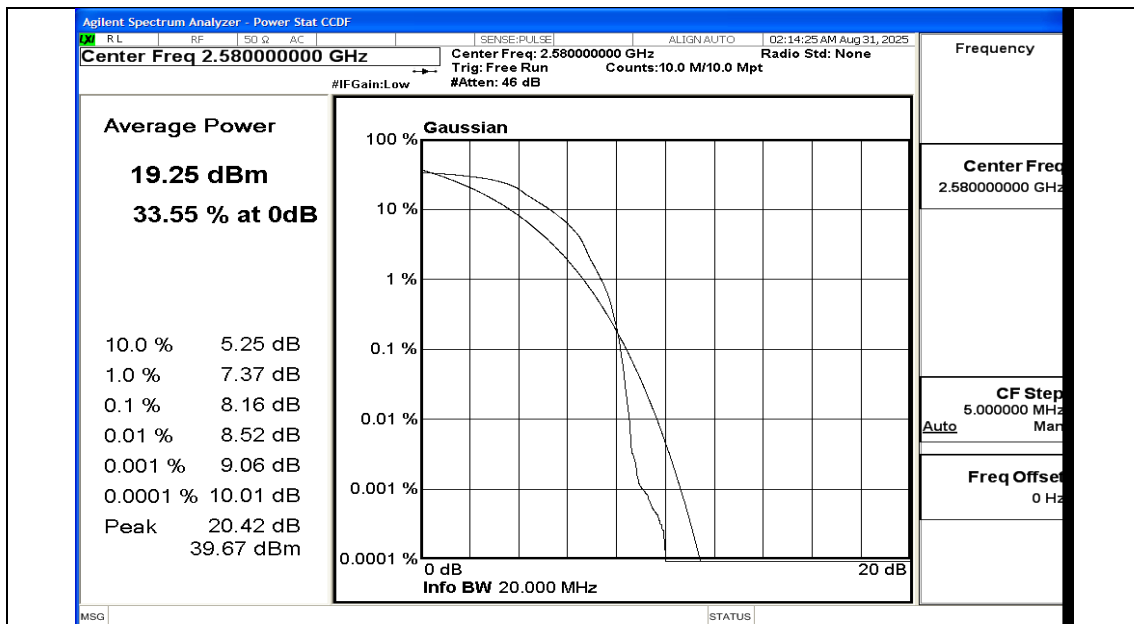
Band38-15MHz-16QAM-38175-1RB#0-PASS



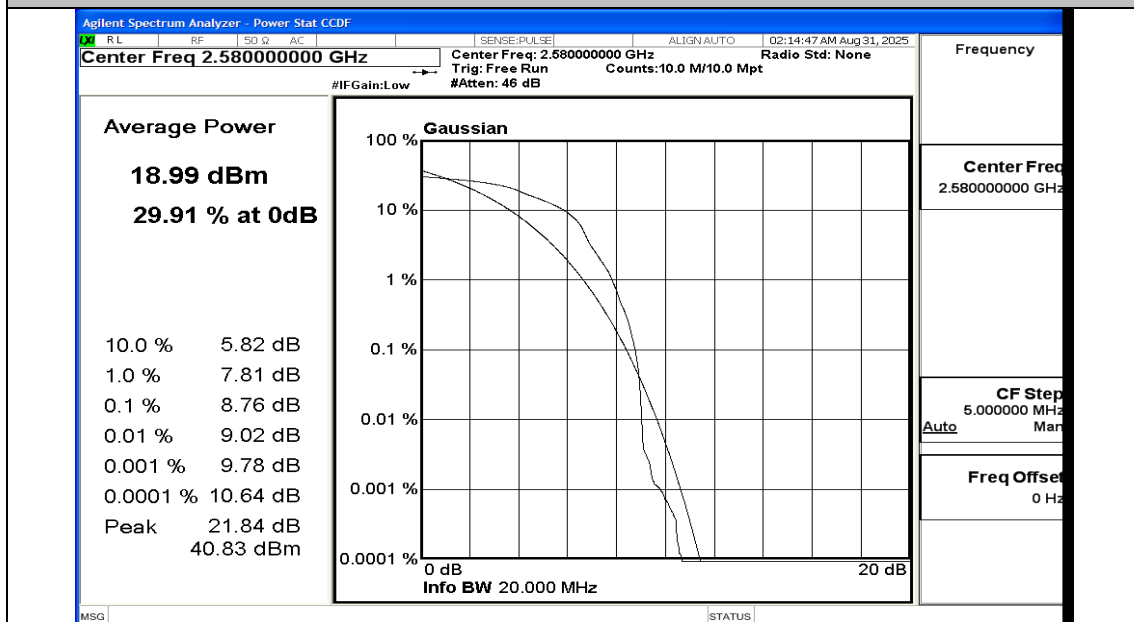
Band38-15MHz-QPSK-38175-75RB#0-PASS



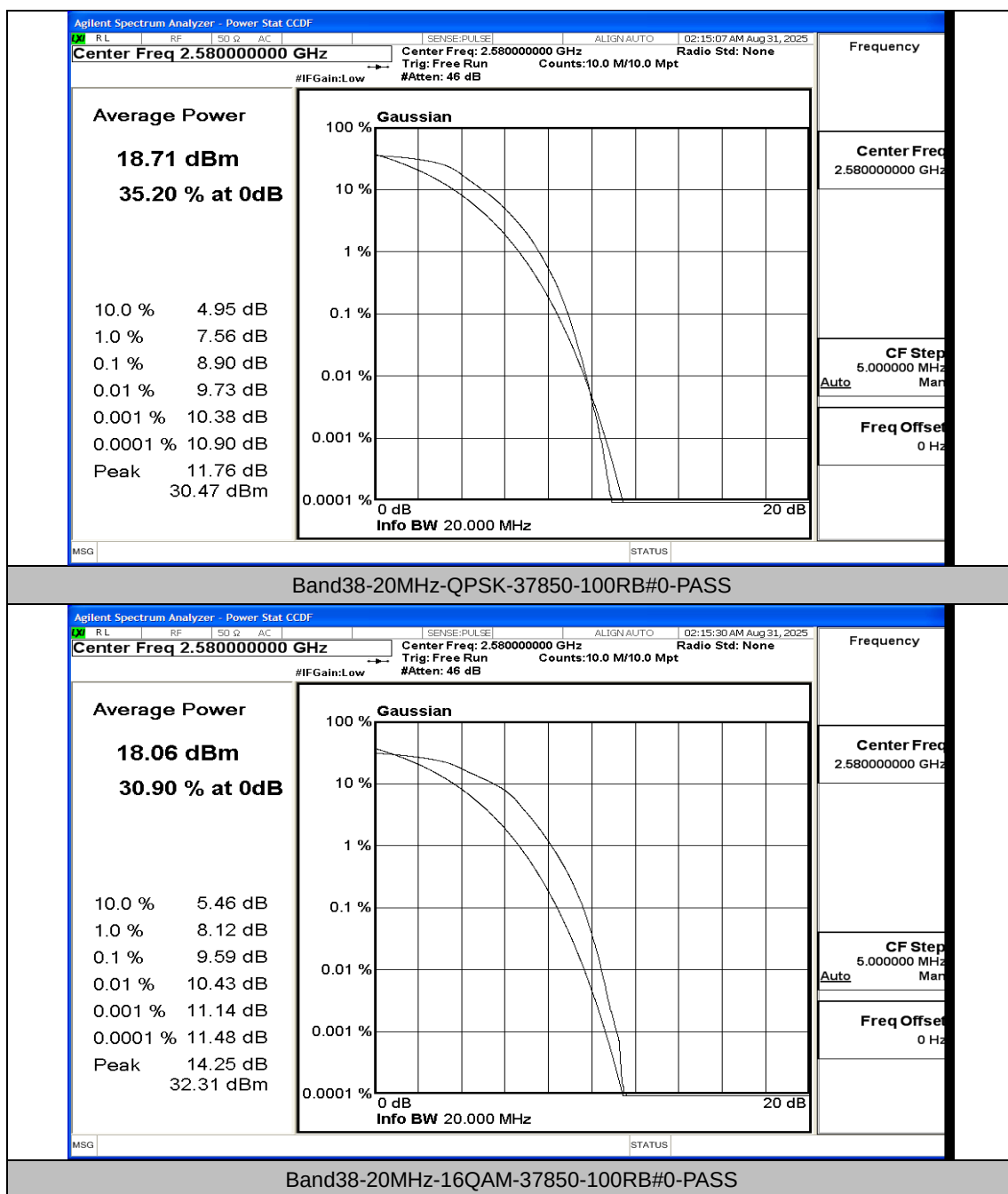
Band38-15MHz-16QAM-38175-75RB#0-PASS

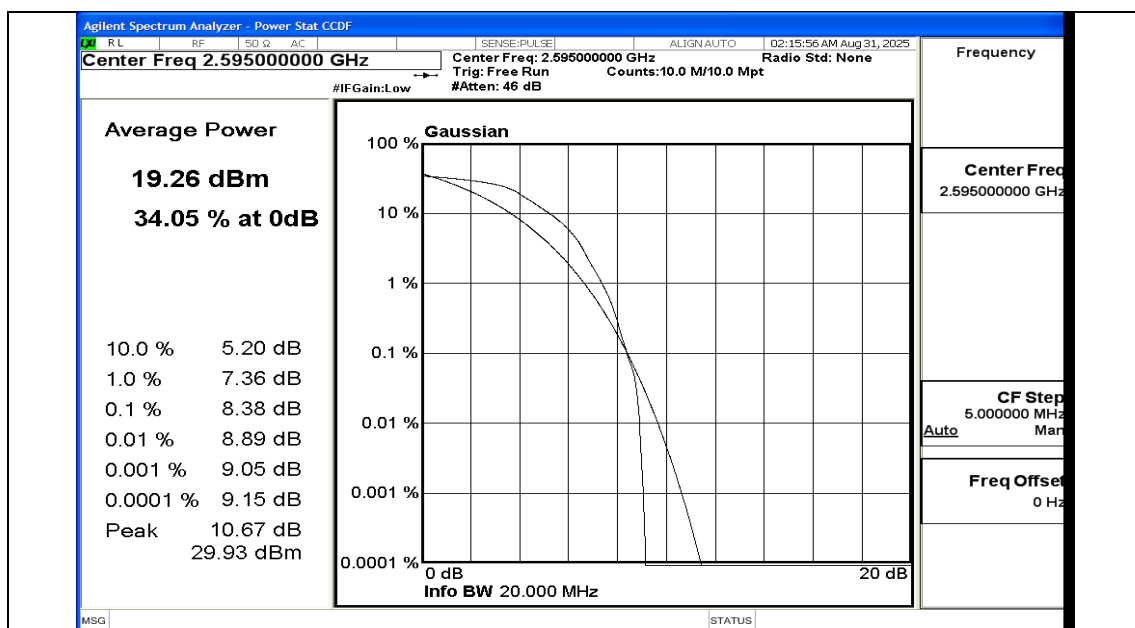


Band38-20MHz-QPSK-37850-1RB#0-PASS

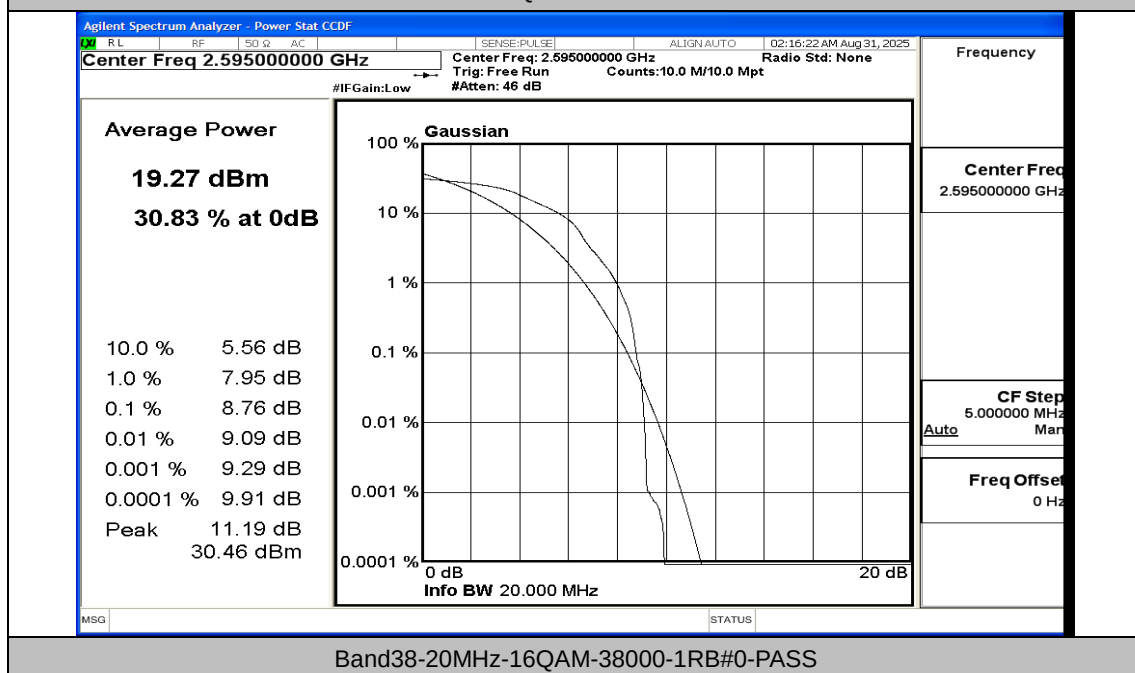


Band38-20MHz-16QAM-37850-1RB#0-PASS

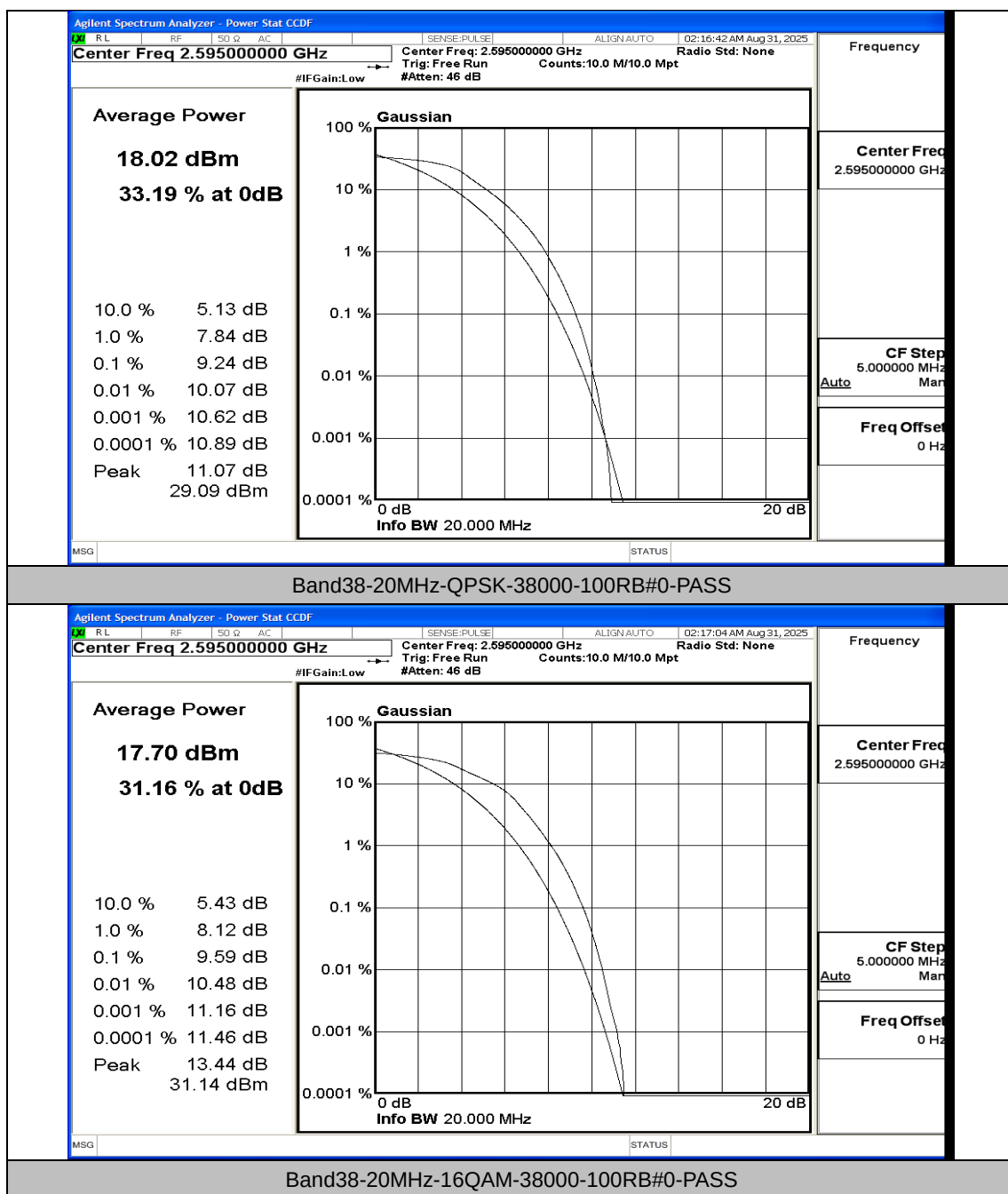


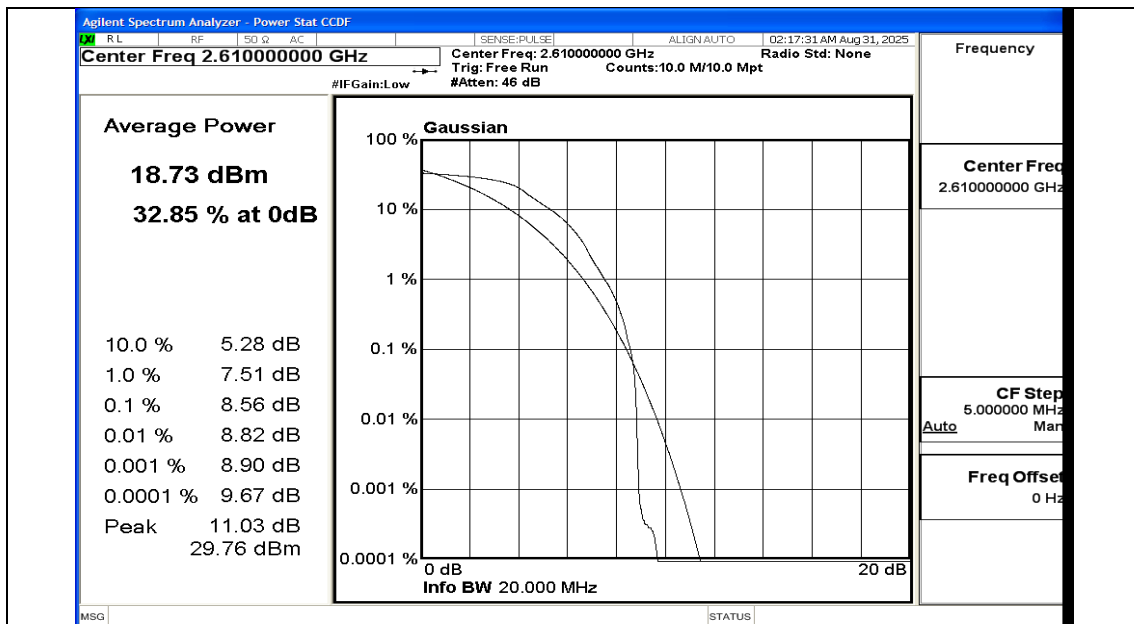


Band38-20MHz-QPSK-38000-1RB#0-PASS

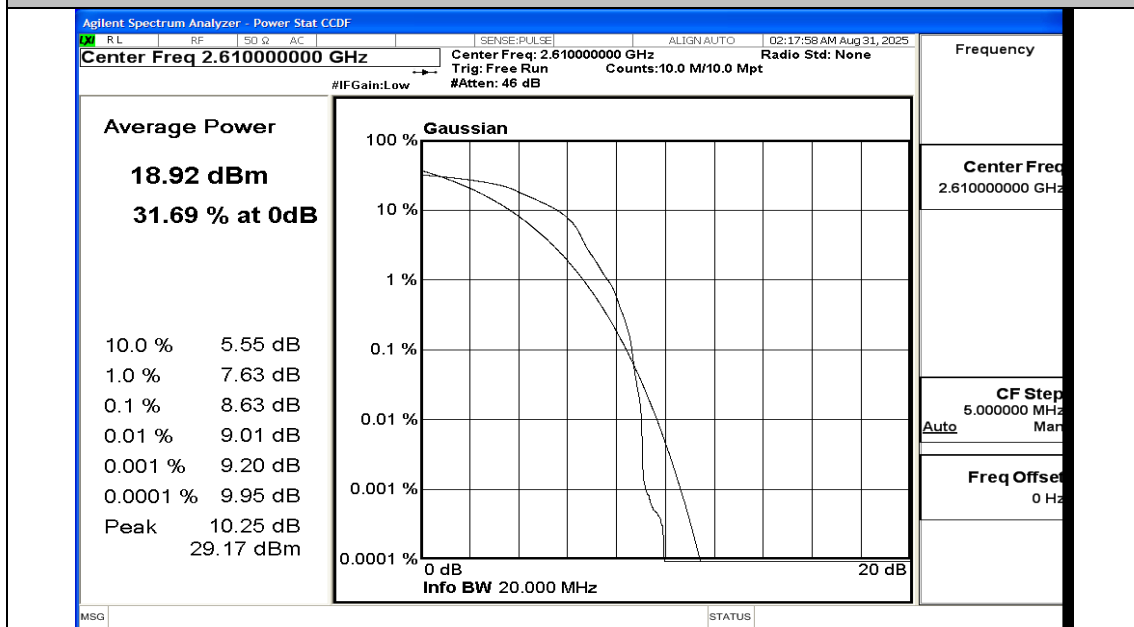


Band38-20MHz-16QAM-38000-1RB#0-PASS

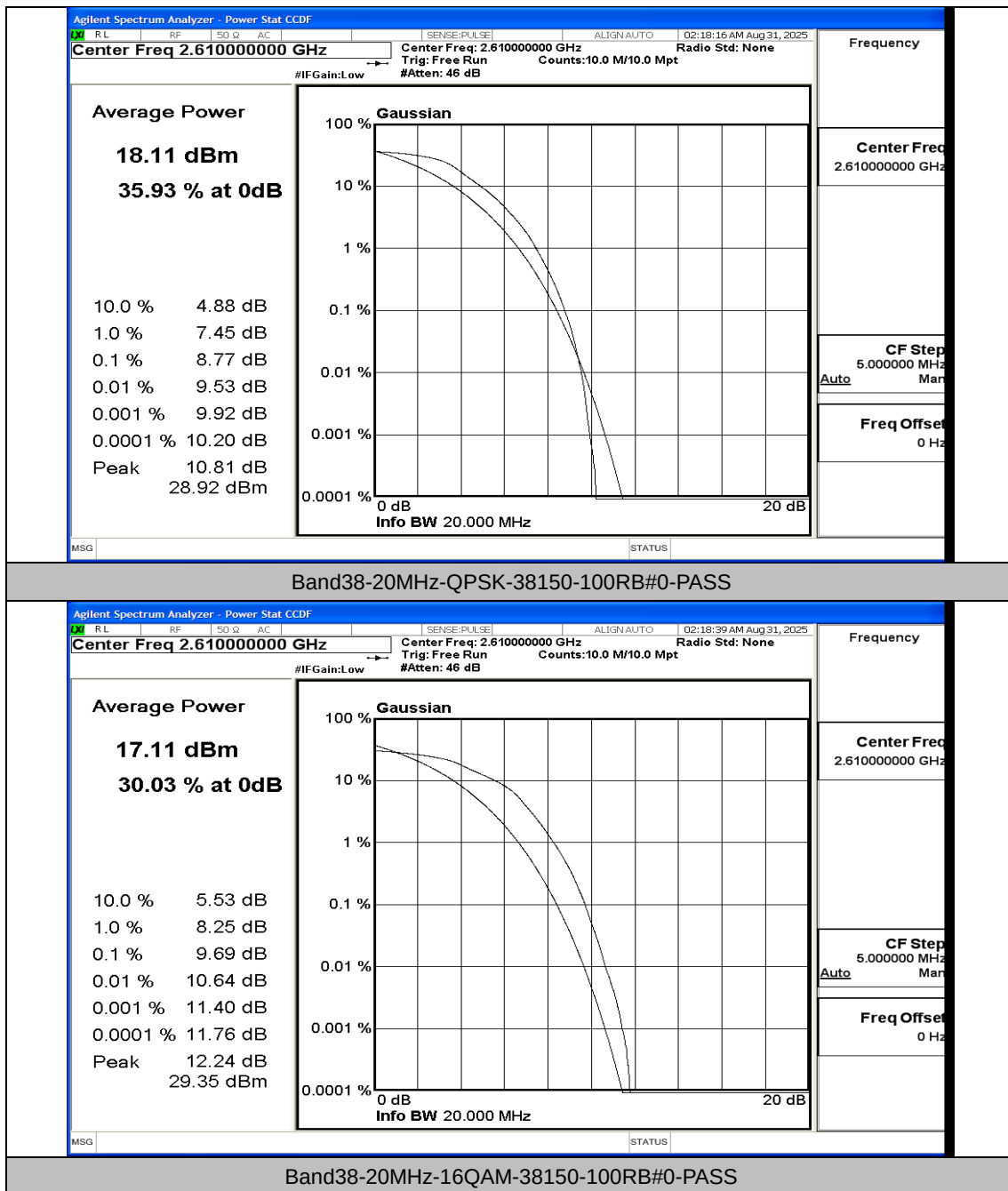




Band38-20MHz-QPSK-38150-1RB#0-PASS



Band38-20MHz-16QAM-38150-1RB#0-PASS

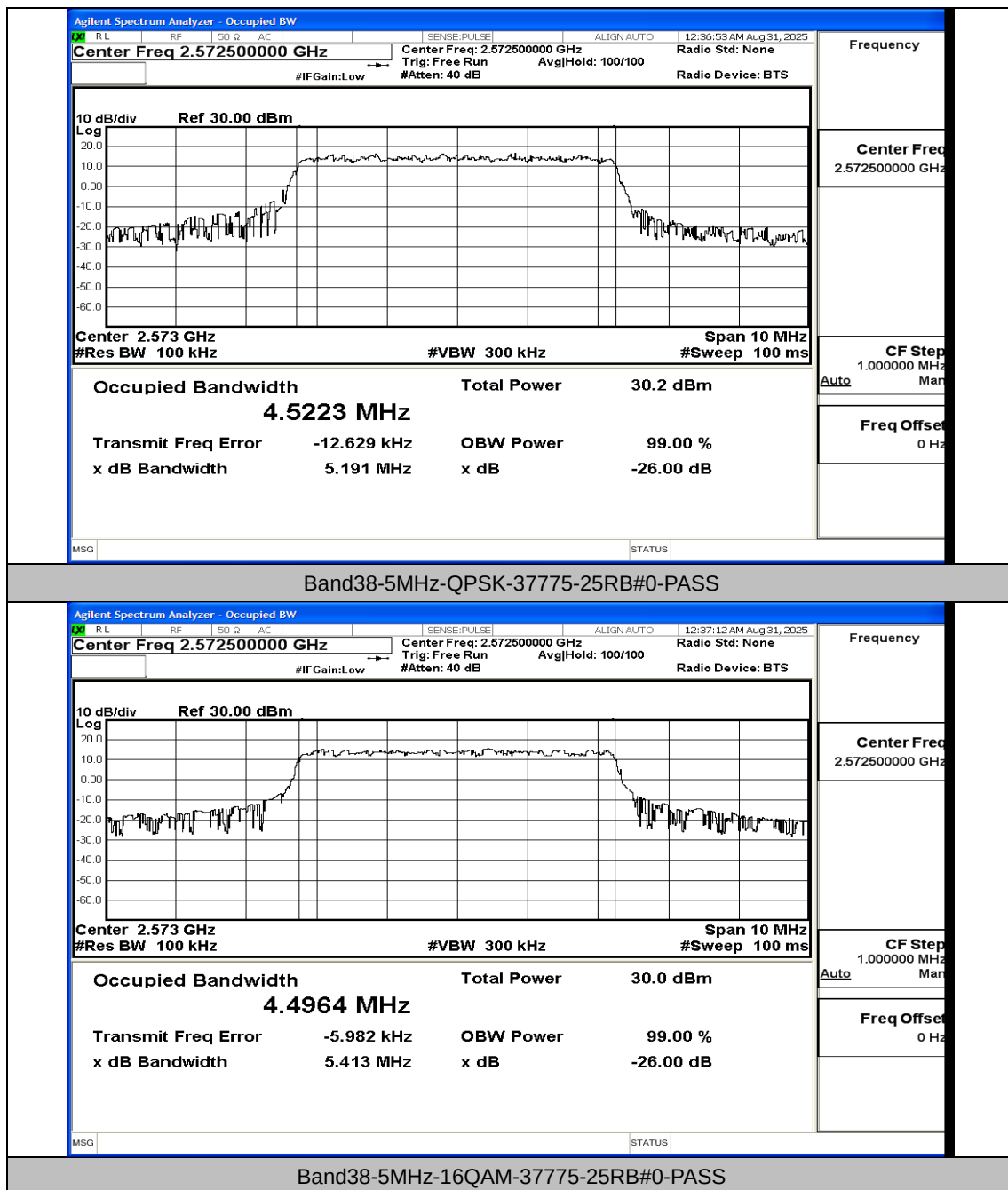


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

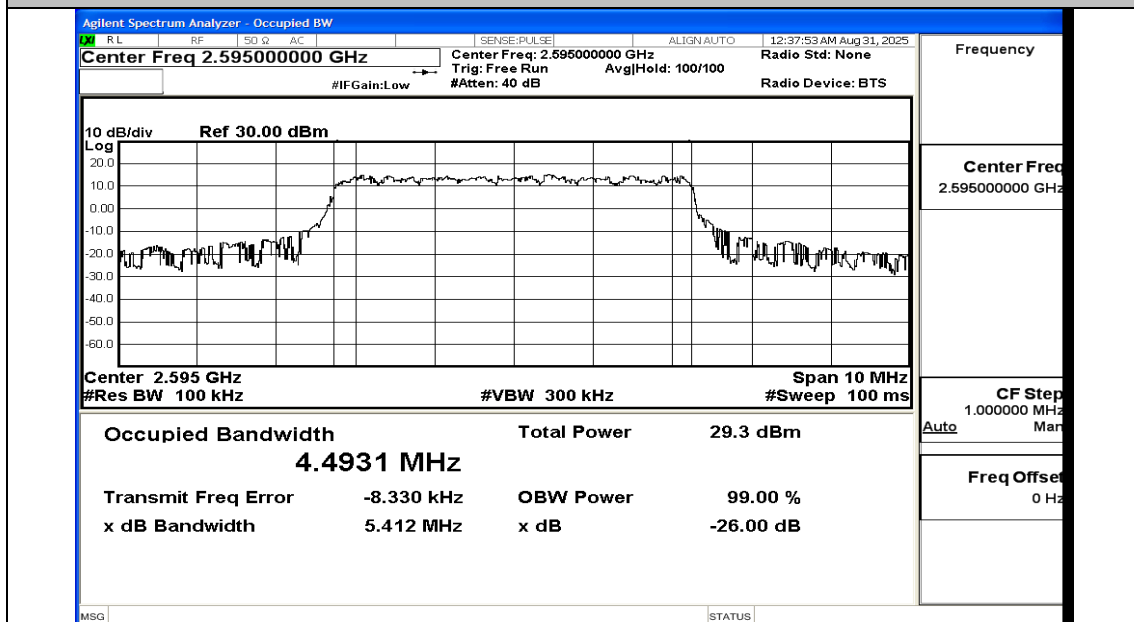
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5223	5.191	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4964	5.413	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5022	5.238	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4931	5.412	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5043	5.191	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5015	5.321	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0058	10.09	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9970	10.04	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9835	10.07	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9961	10.12	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9839	10.28	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0079	11.24	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.528	15.09	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.513	15.59	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.537	16.17	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.515	15.14	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.503	15.83	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.501	16.54	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.960	20.98	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.977	20.65	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.991	20.61	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.022	20.79	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.884	20.12	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.943	20.66	PASS

Test Graphs

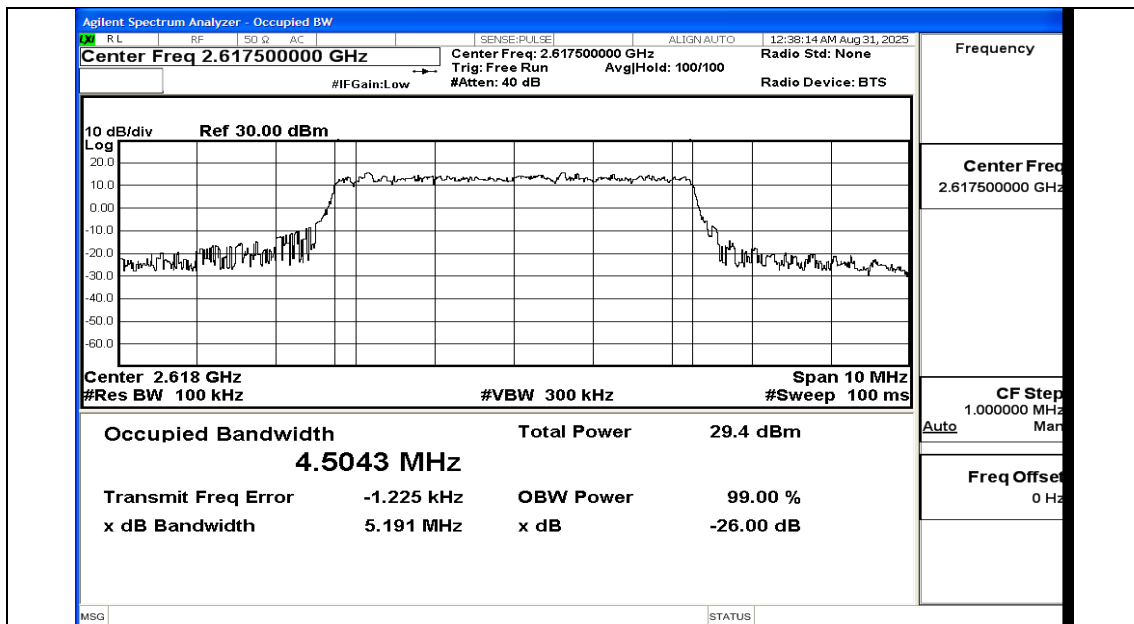




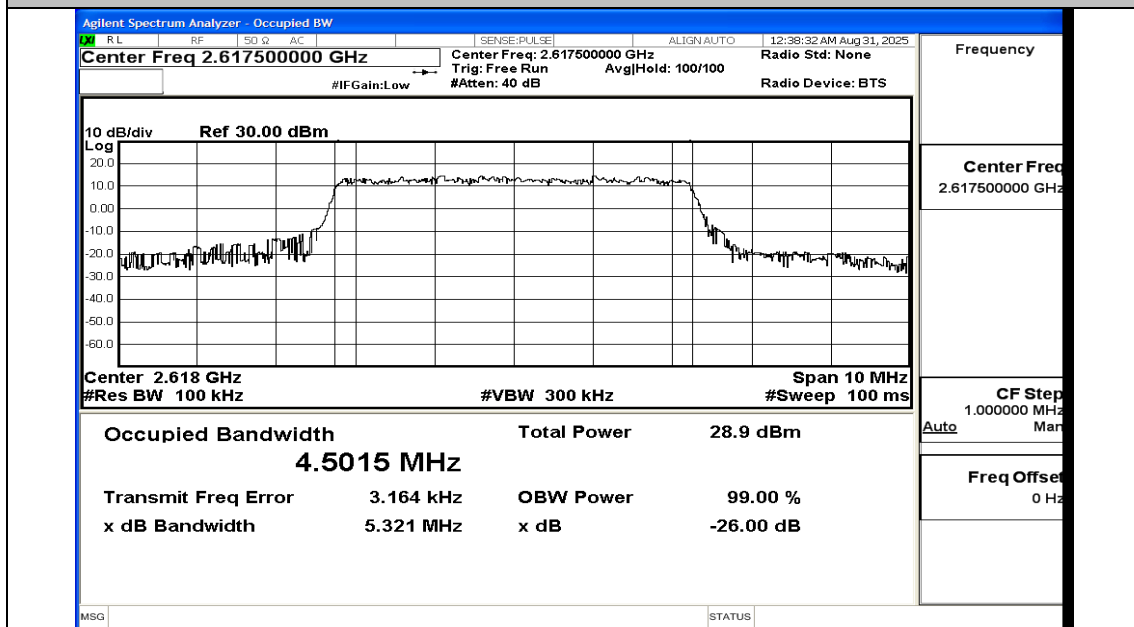
Band38-5MHz-QPSK-38000-25RB#0-PASS



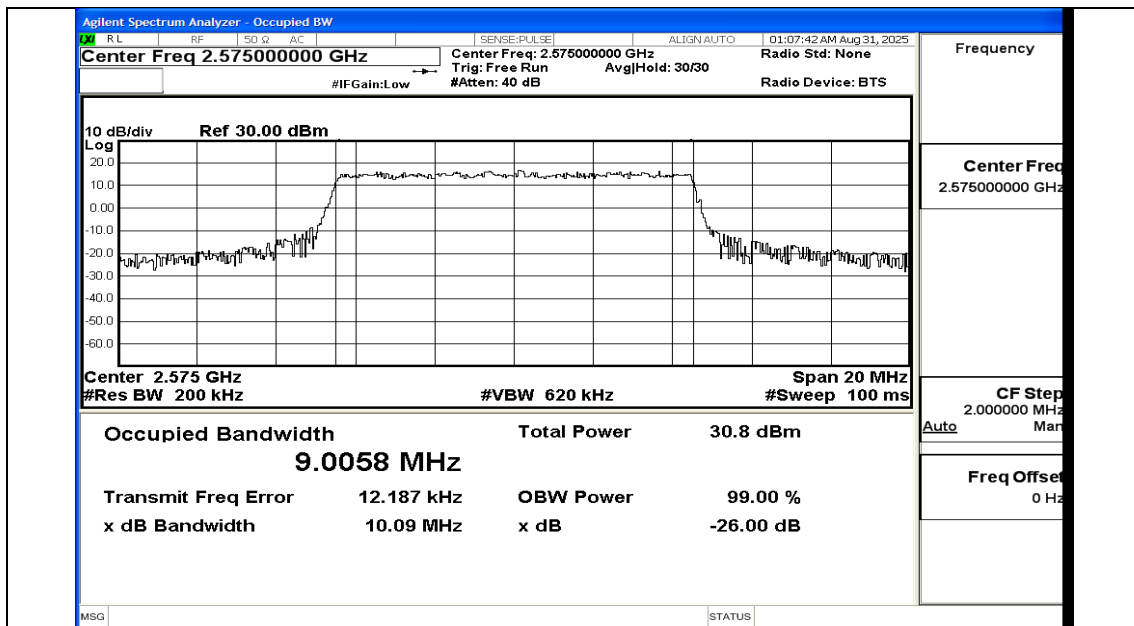
Band38-5MHz-16QAM-38000-25RB#0-PASS



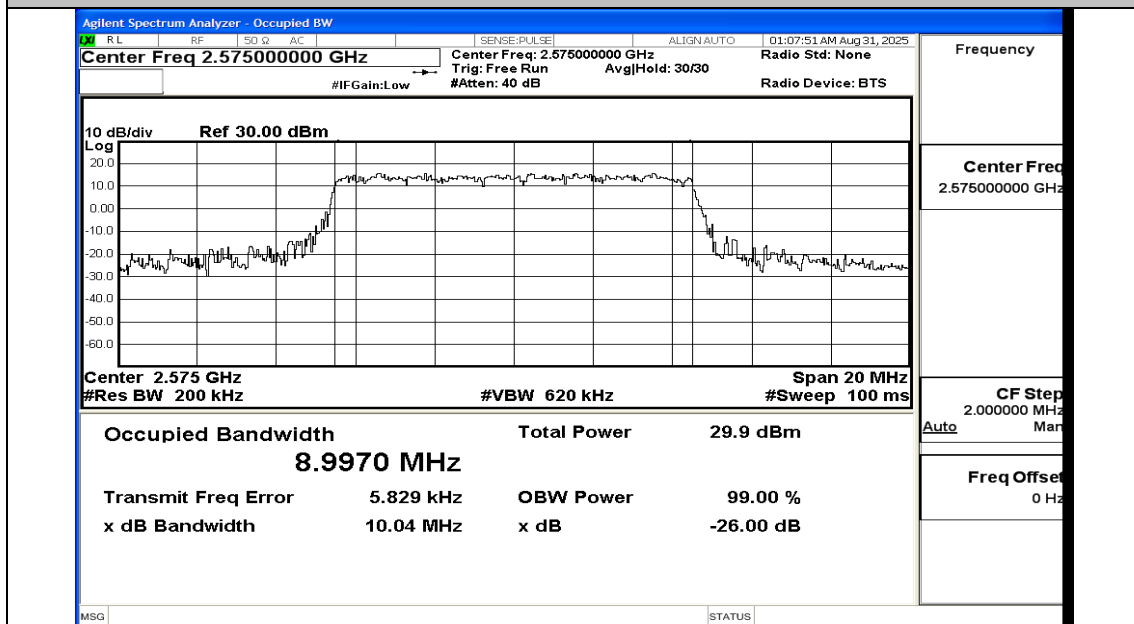
Band38-5MHz-QPSK-38225-25RB#0-PASS



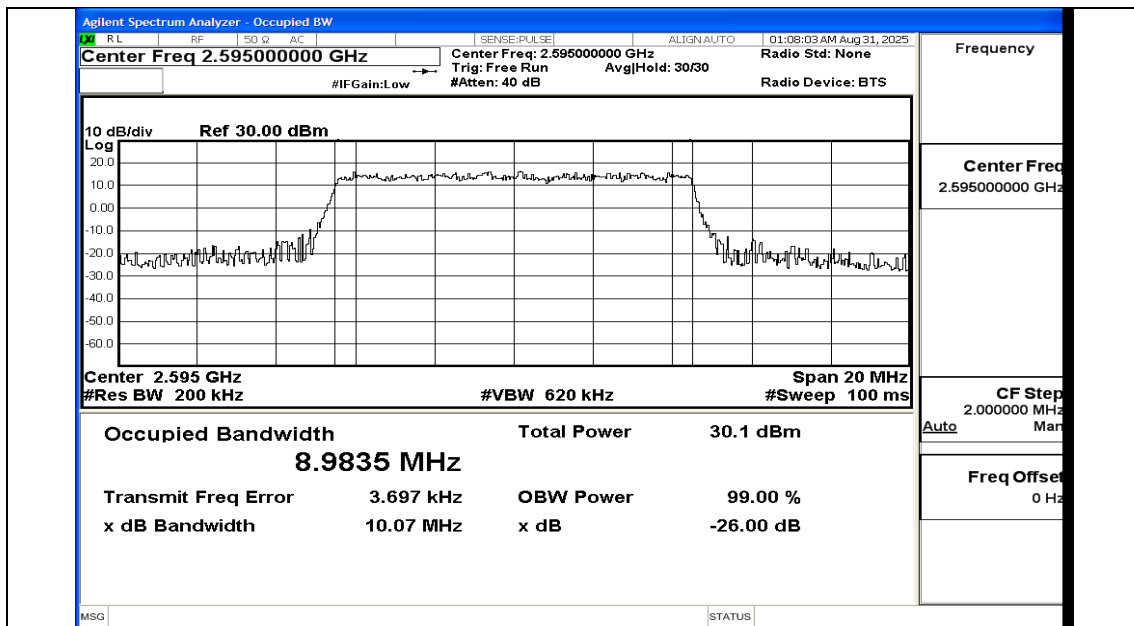
Band38-5MHz-16QAM-38225-25RB#0-PASS



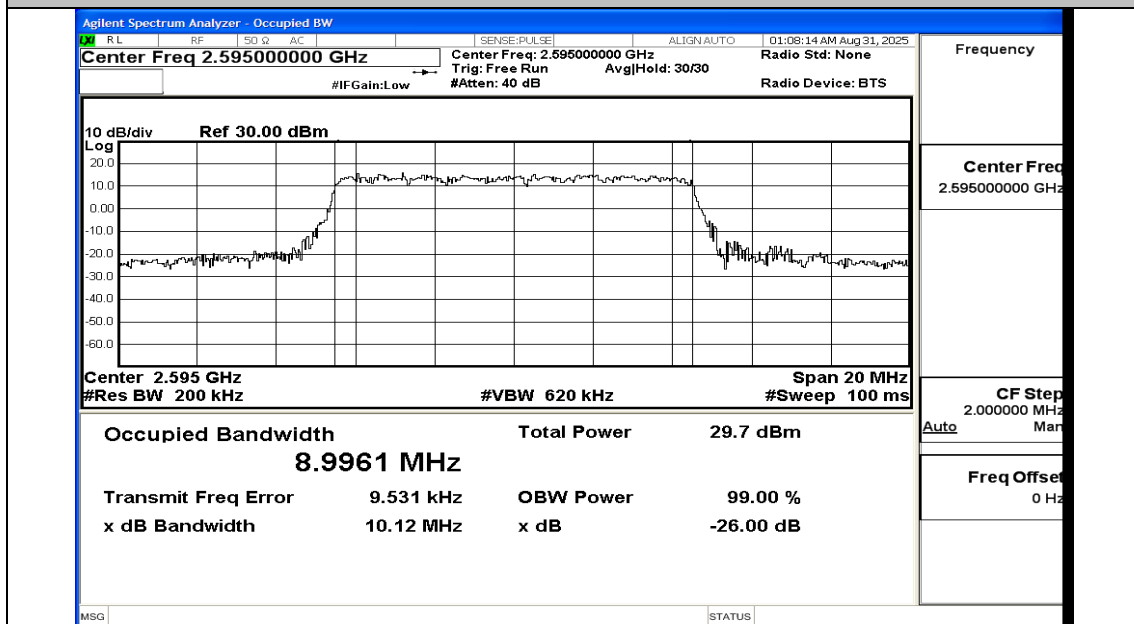
Band38-10MHz-QPSK-37800-50RB#0-PASS



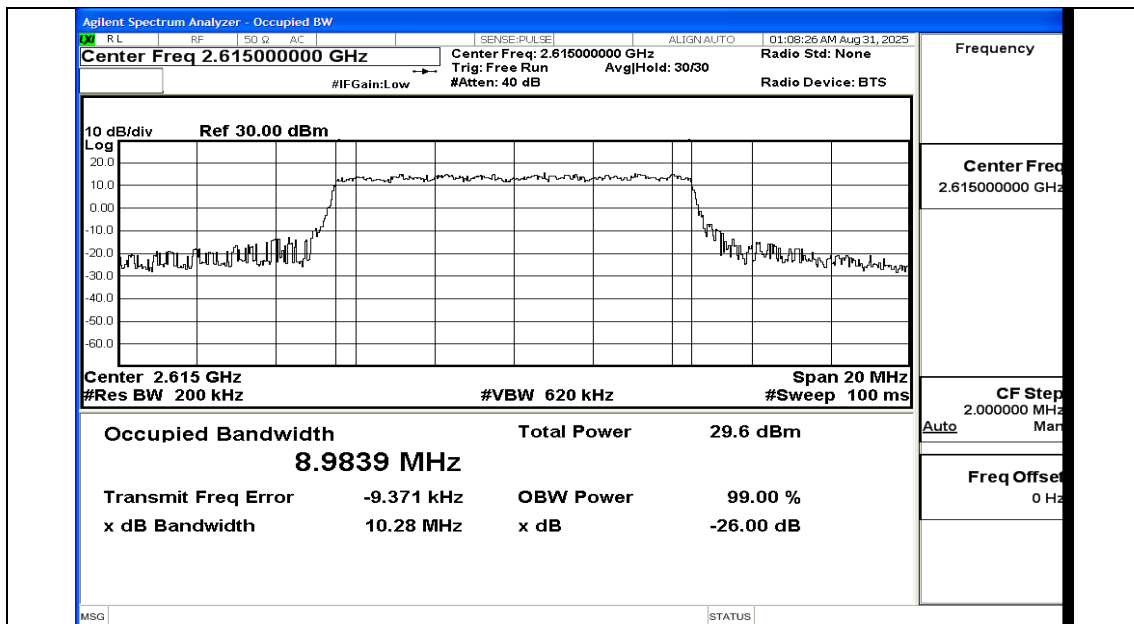
Band38-10MHz-16QAM-37800-50RB#0-PASS



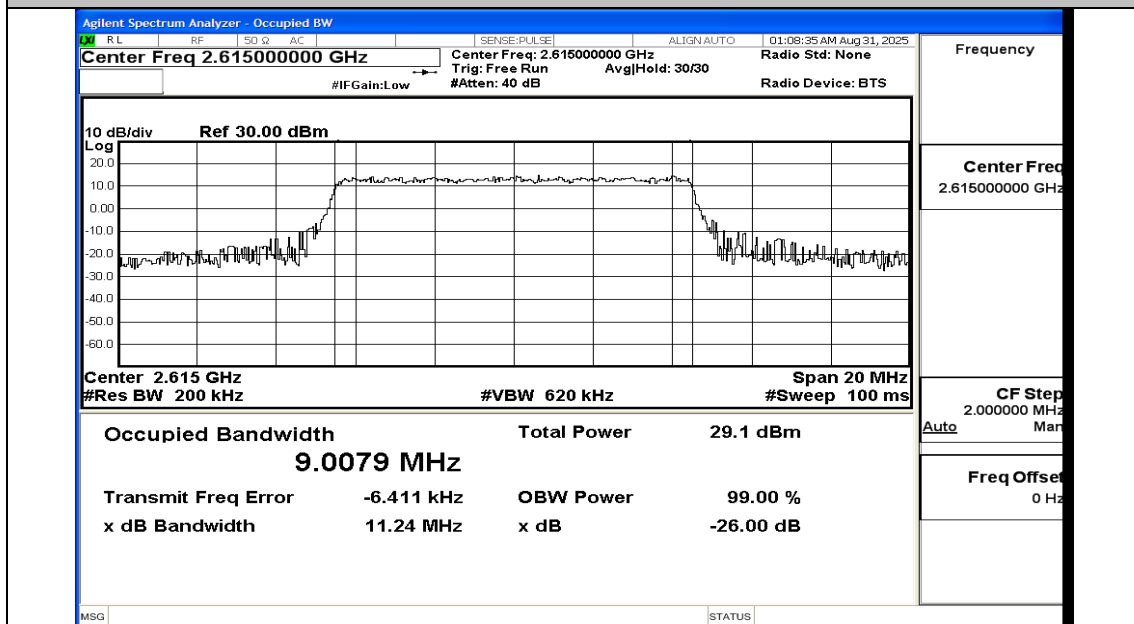
Band38-10MHz-QPSK-38000-50RB#0-PASS



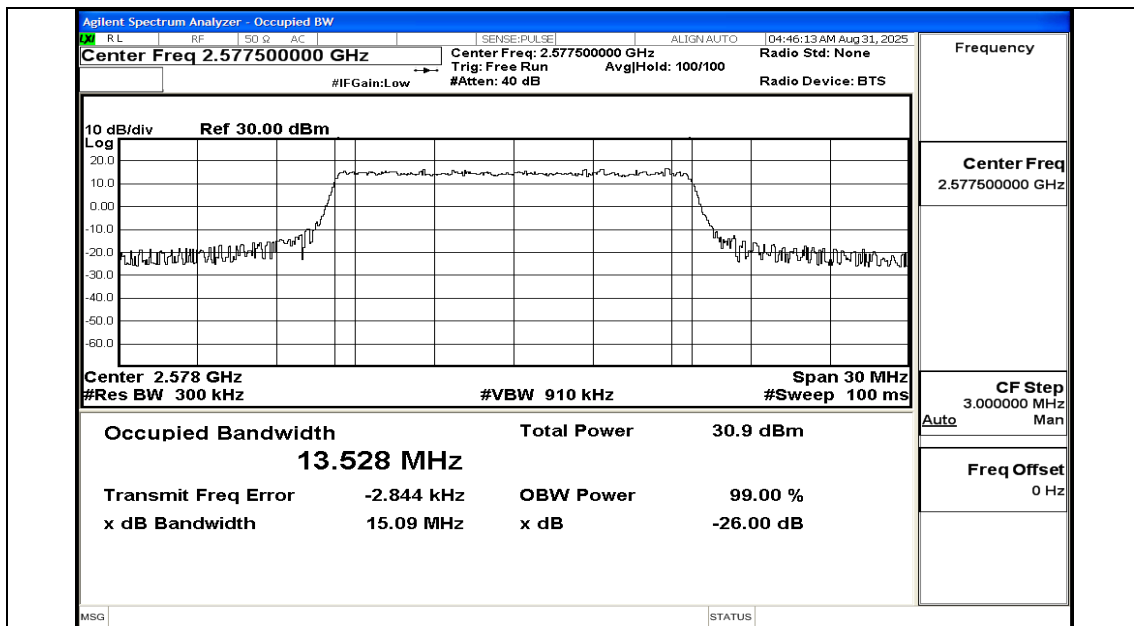
Band38-10MHz-16QAM-38000-50RB#0-PASS



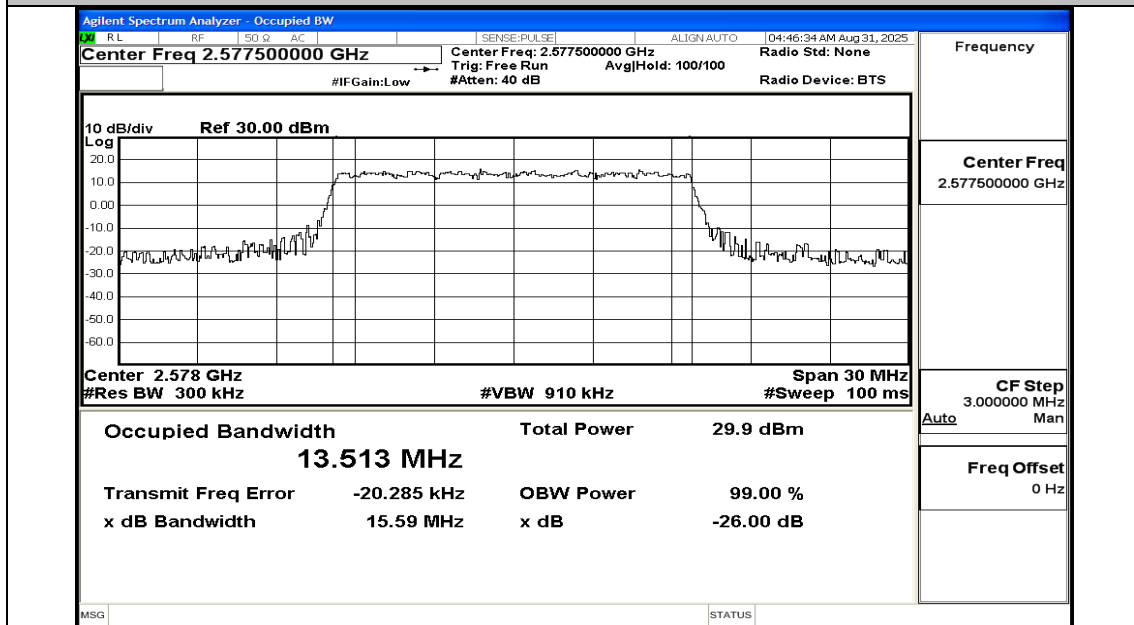
Band38-10MHz-QPSK-38200-50RB#0-PASS



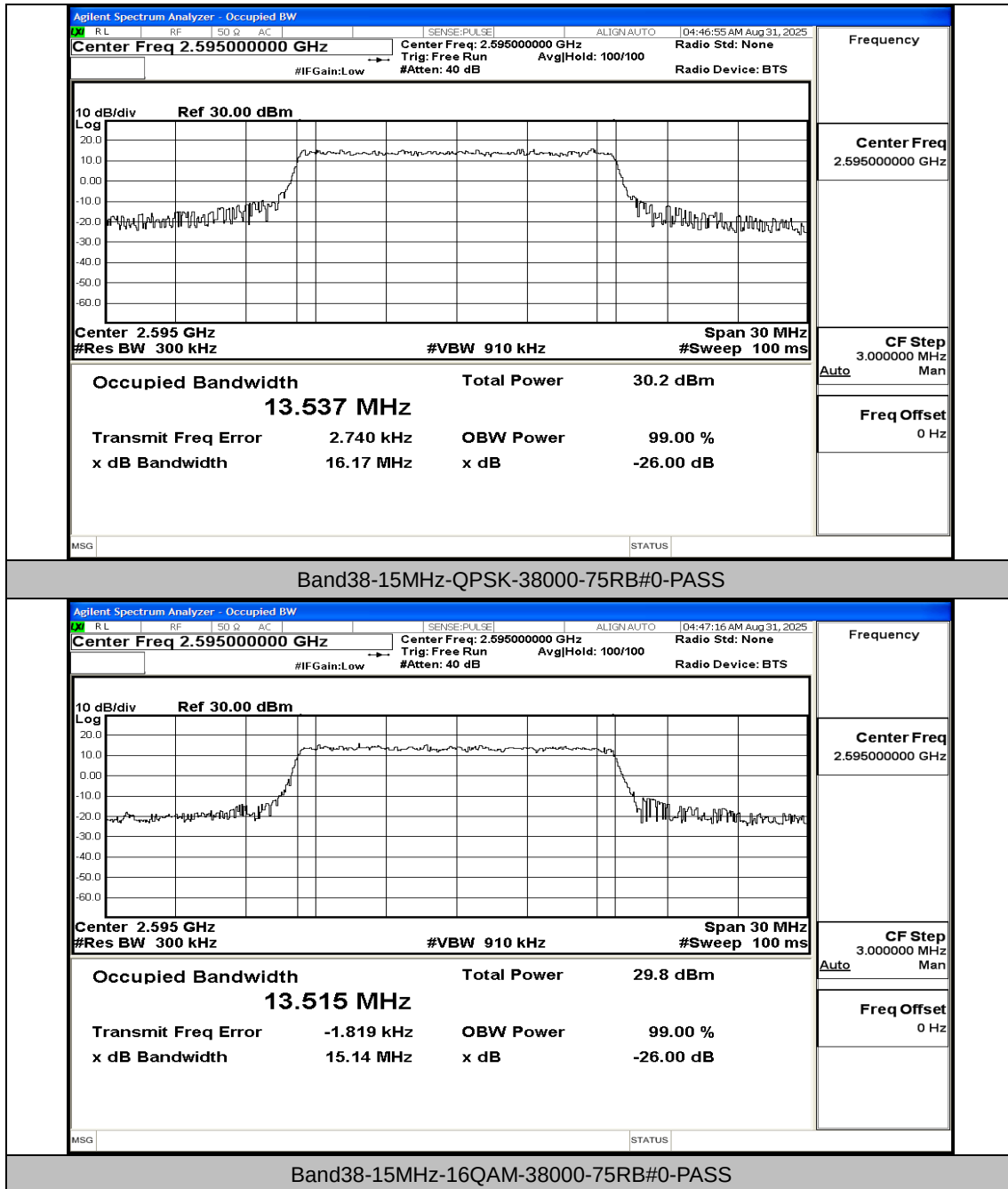
Band38-10MHz-16QAM-38200-50RB#0-PASS

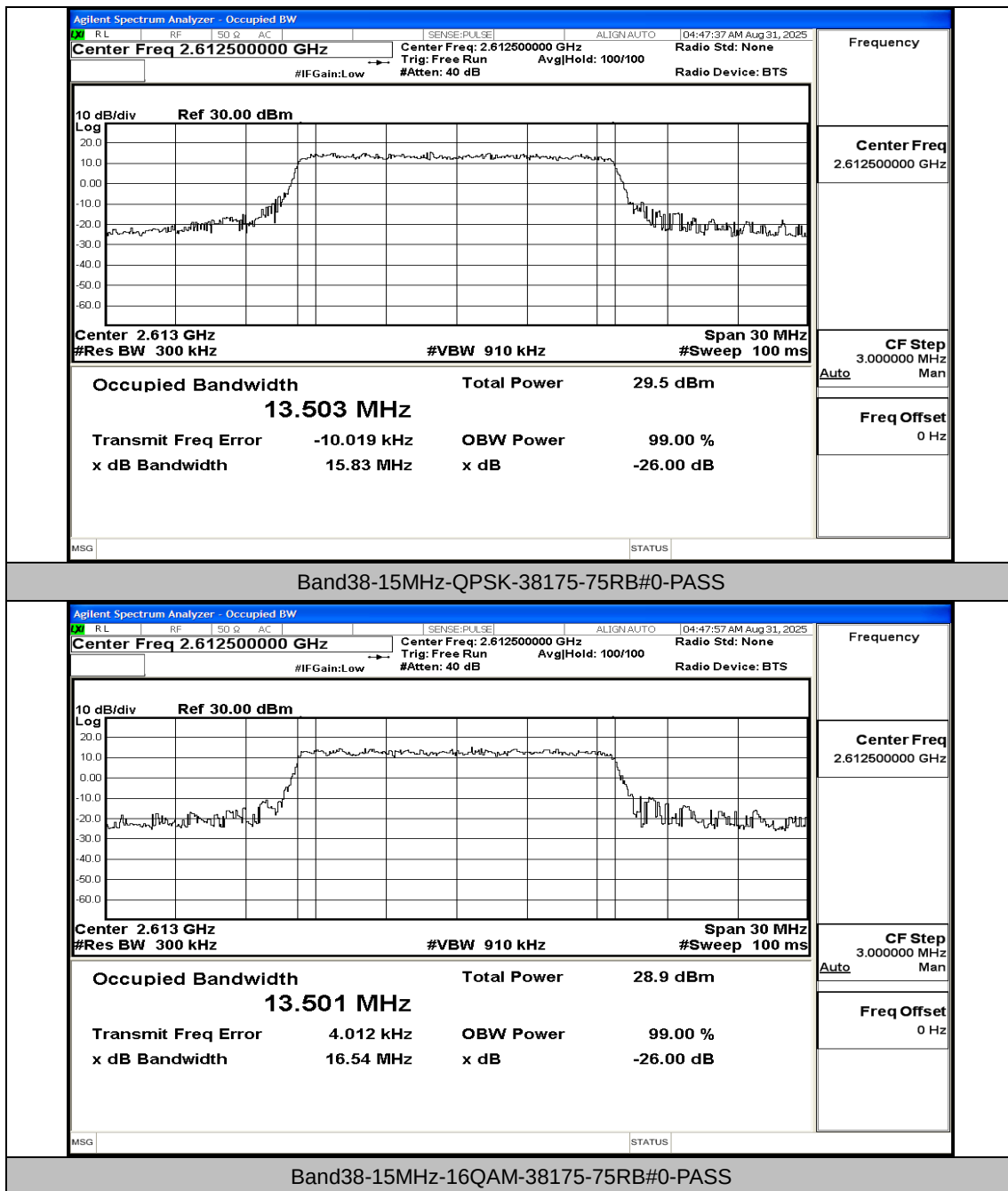


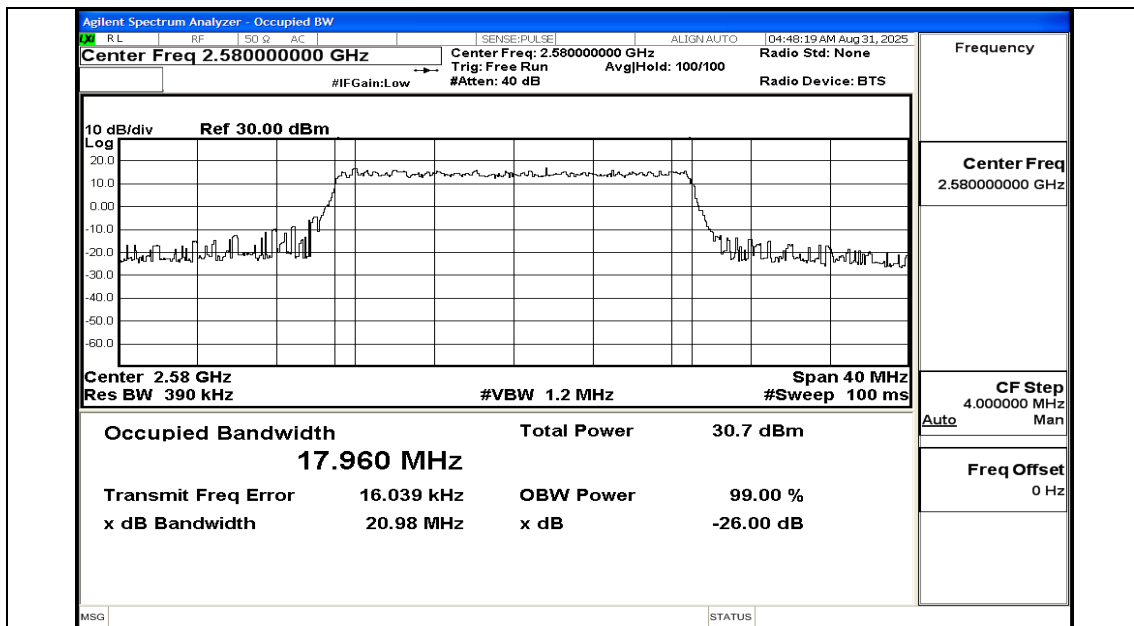
Band38-15MHz-QPSK-37825-75RB#0-PASS



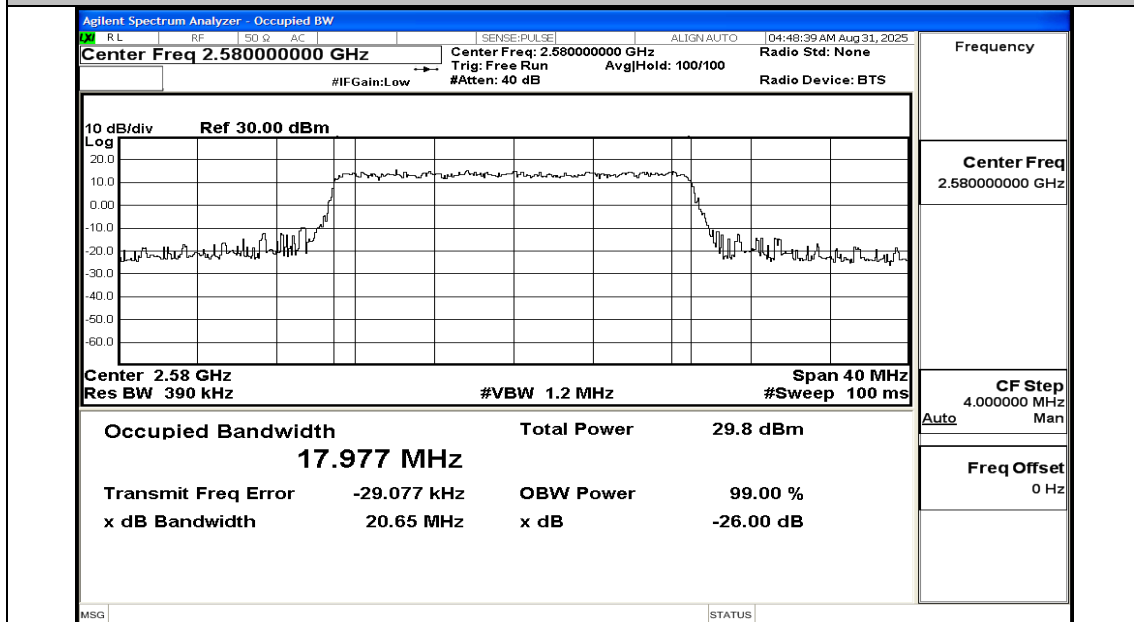
Band38-15MHz-16QAM-37825-75RB#0-PASS



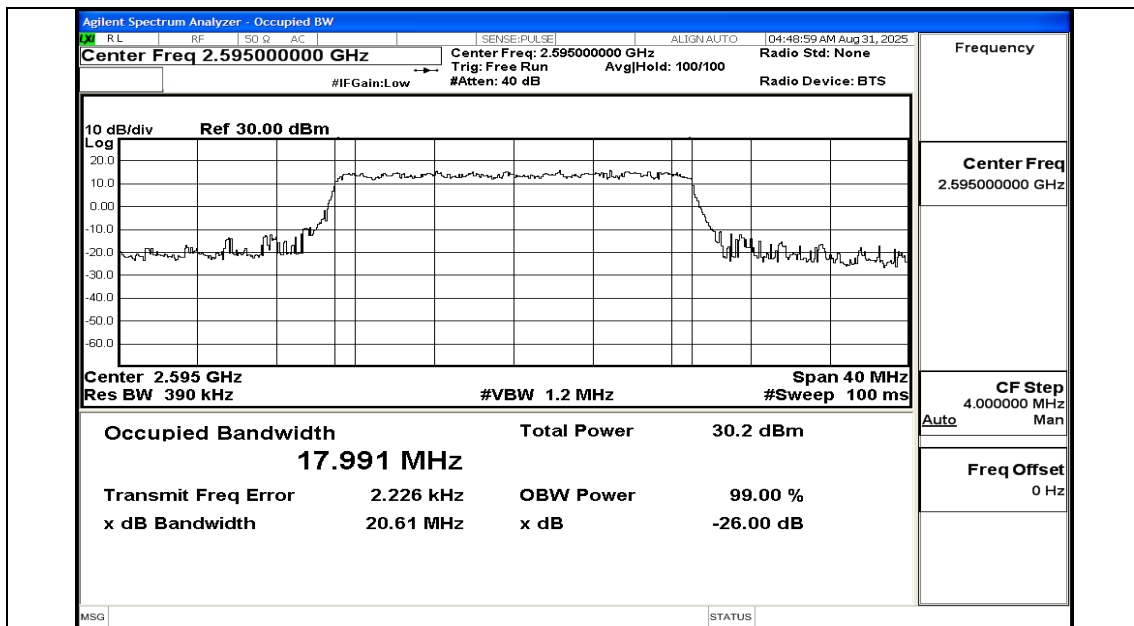




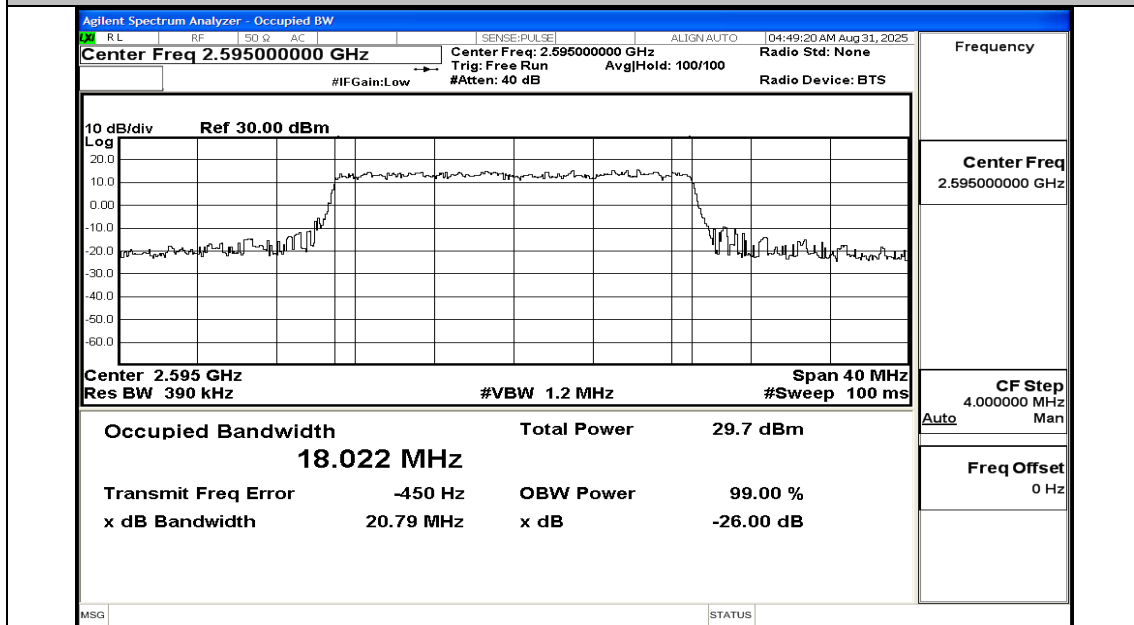
Band38-20MHz-QPSK-37850-100RB#0-PASS



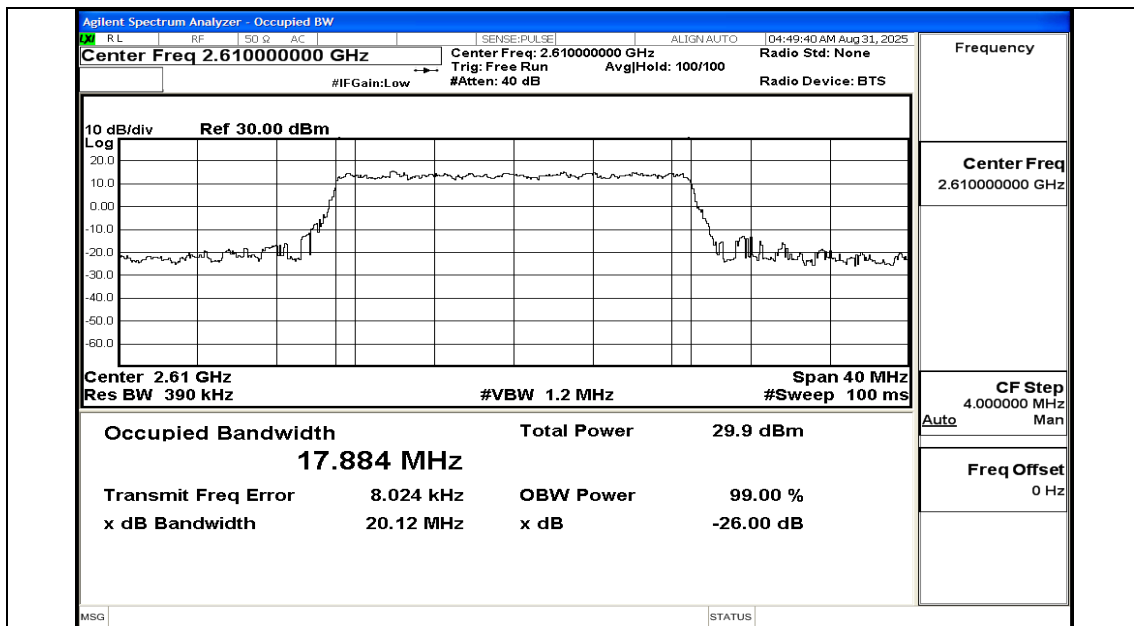
Band38-20MHz-16QAM-37850-100RB#0-PASS



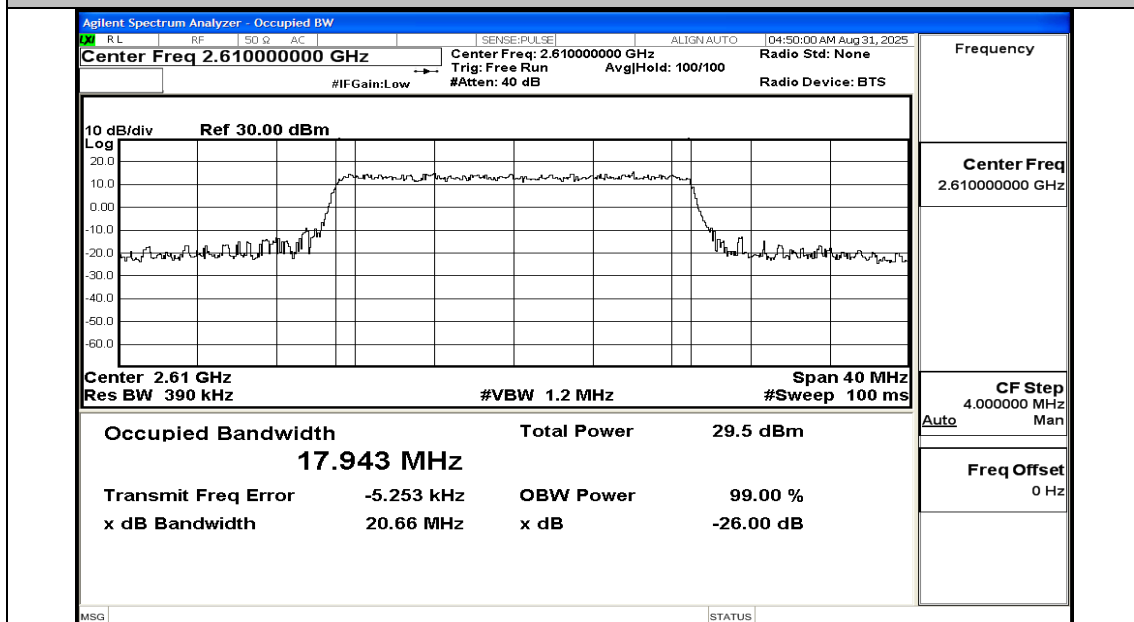
Band38-20MHz-QPSK-38000-100RB#0-PASS



Band38-20MHz-16QAM-38000-100RB#0-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS



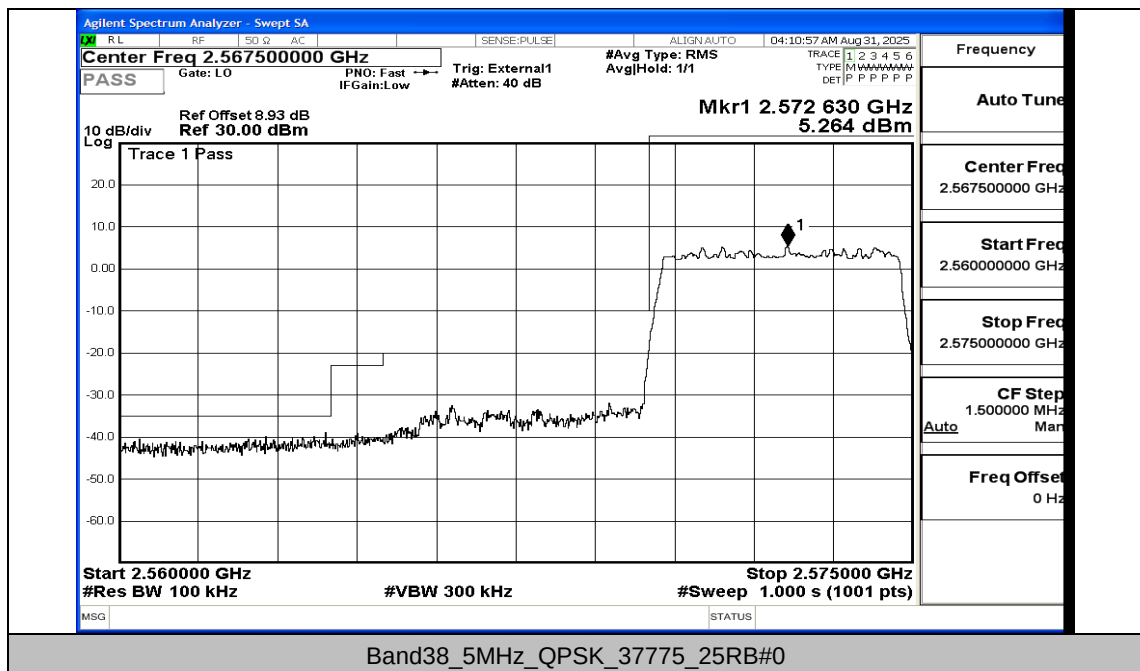
Band38-20MHz-16QAM-38150-100RB#0-PASS

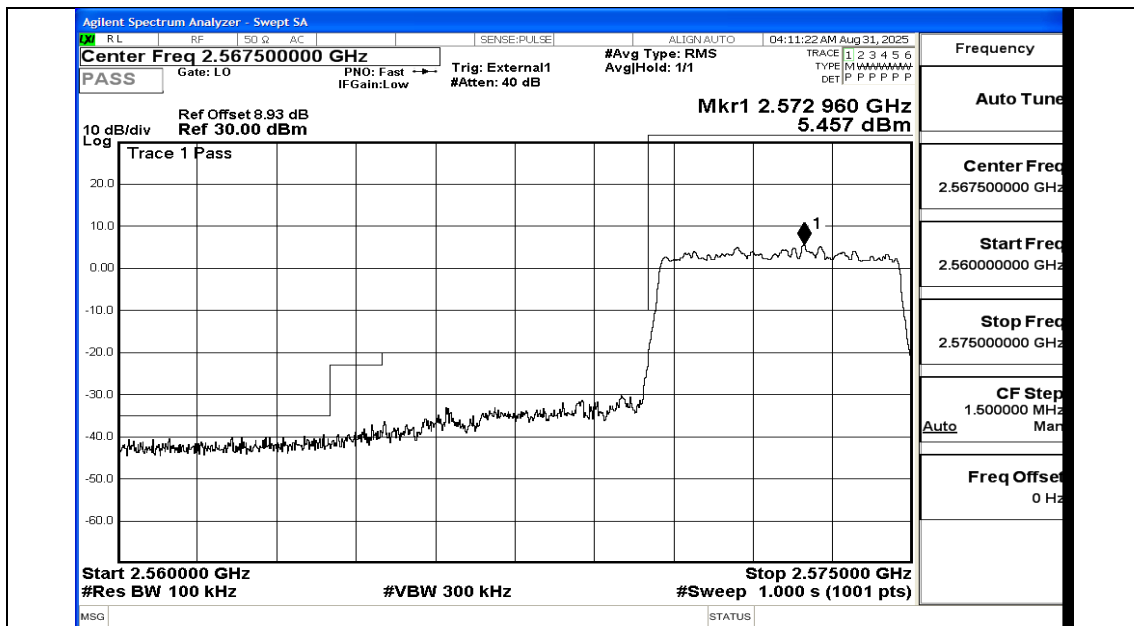
Appendix D: Band Edge

Test Result

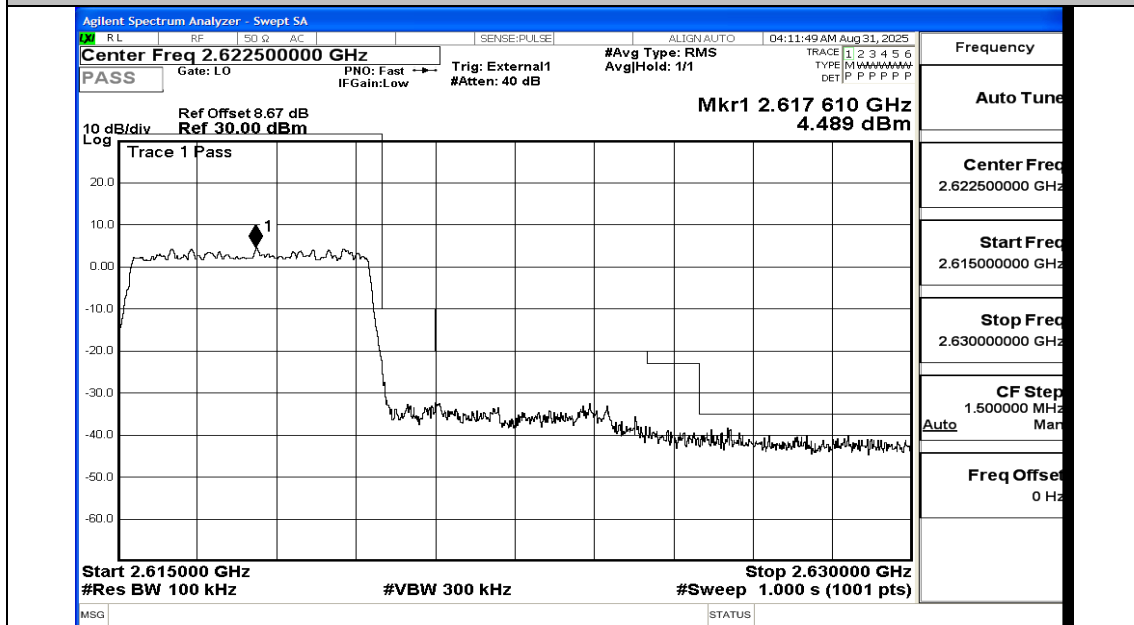
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	2563.92	-38.88	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.90	-39.47	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.52	-38.36	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.39	-38.44	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.03	-34.98	PASS
Band38	10MHz	16QAM	37800	50RB#0	2558.40	-35.01	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.00	-36.05	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.10	-36.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	2553.92	-33.80	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.76	-33.08	PASS
Band38	15MHz	QPSK	38175	75RB#0	2635.63	-34.39	PASS
Band38	15MHz	16QAM	38175	75RB#0	2639.93	-34.25	PASS
Band38	20MHz	QPSK	37850	100RB#0	2549.73	-33.21	PASS
Band38	20MHz	16QAM	37850	100RB#0	2549.55	-33.28	PASS
Band38	20MHz	QPSK	38150	100RB#0	2641.13	-33.43	PASS
Band38	20MHz	16QAM	38150	100RB#0	2642.71	-32.89	PASS

Test Graphs

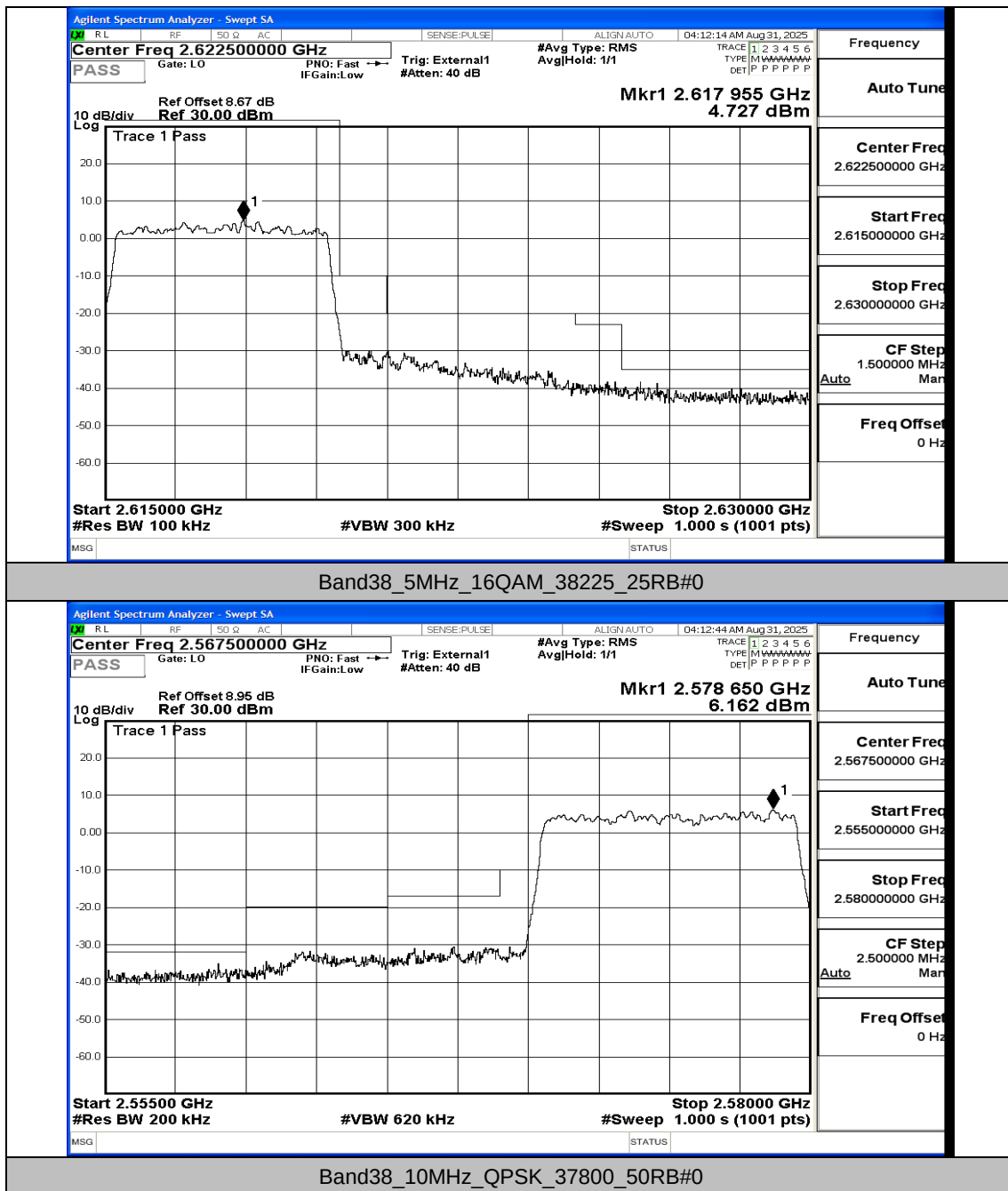


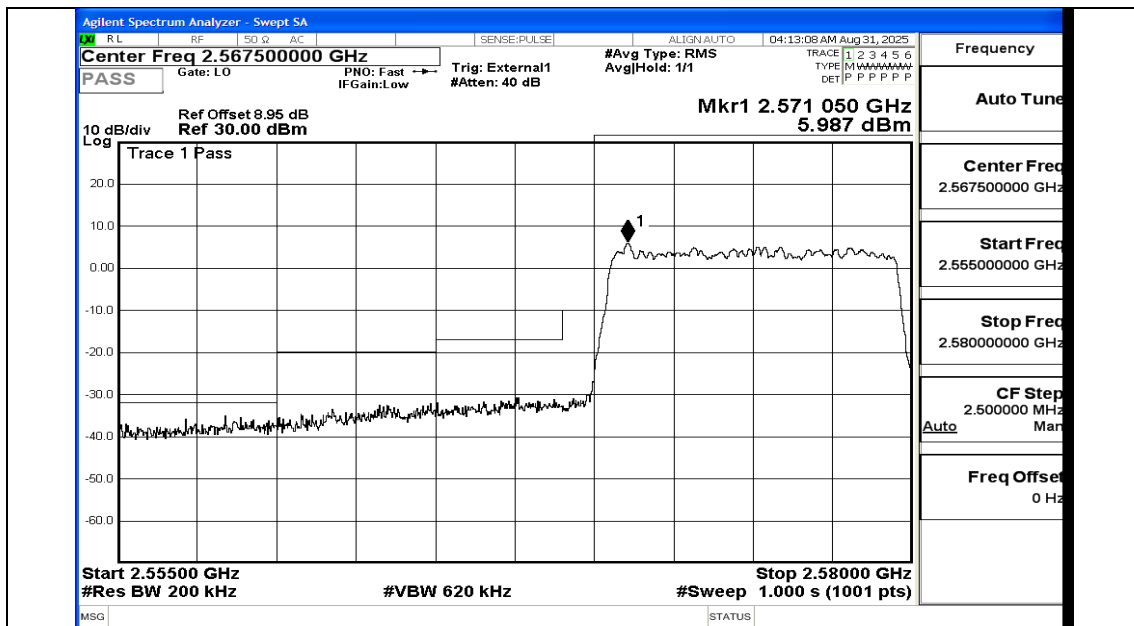


Band38_5MHz_16QAM_37775_25RB#0

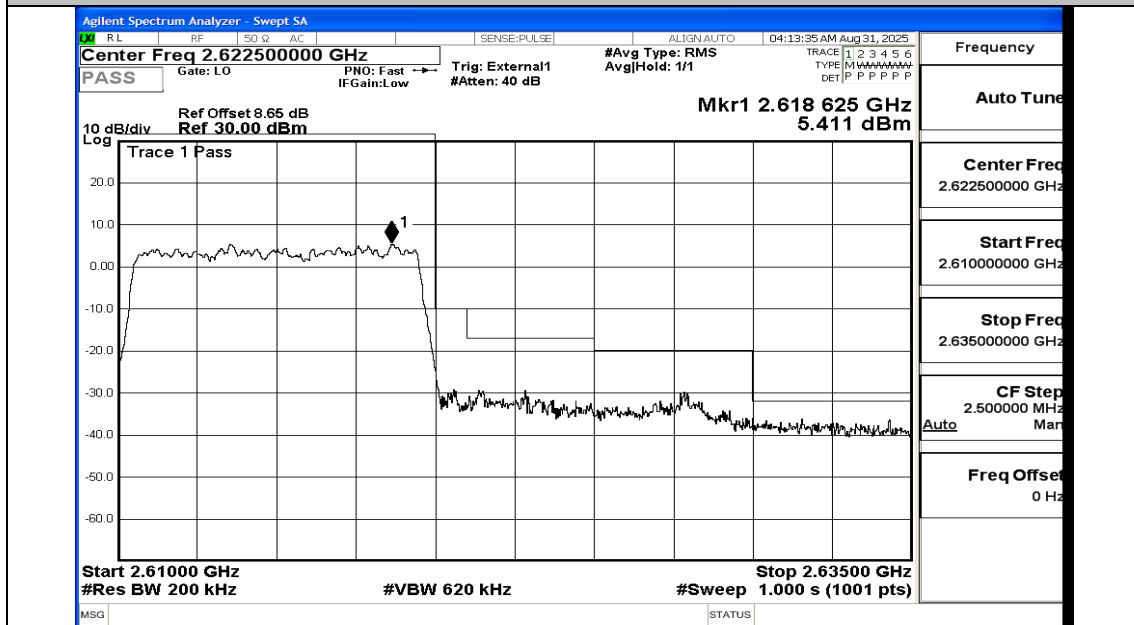


Band38_5MHz_QPSK_38225_25RB#0

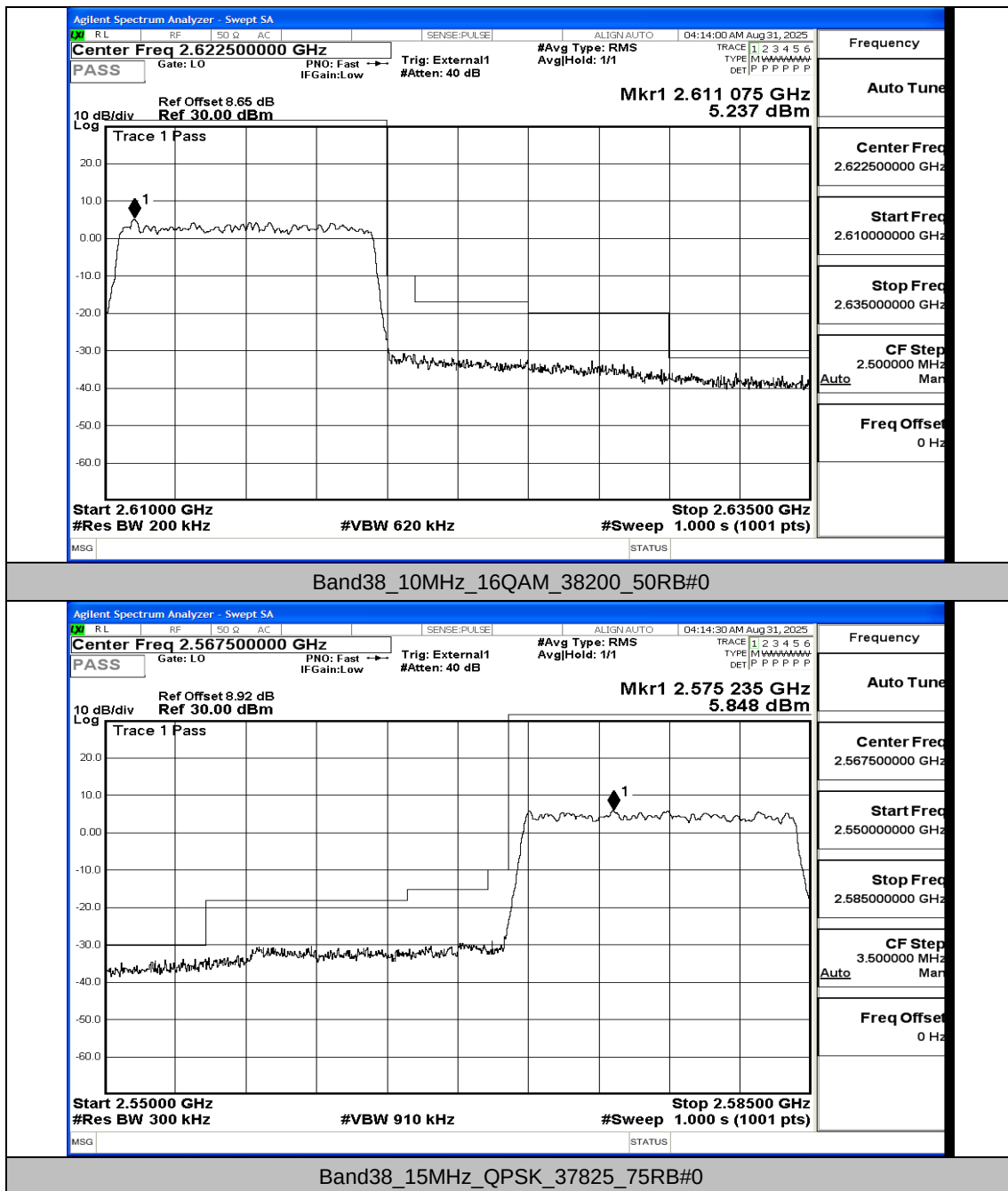


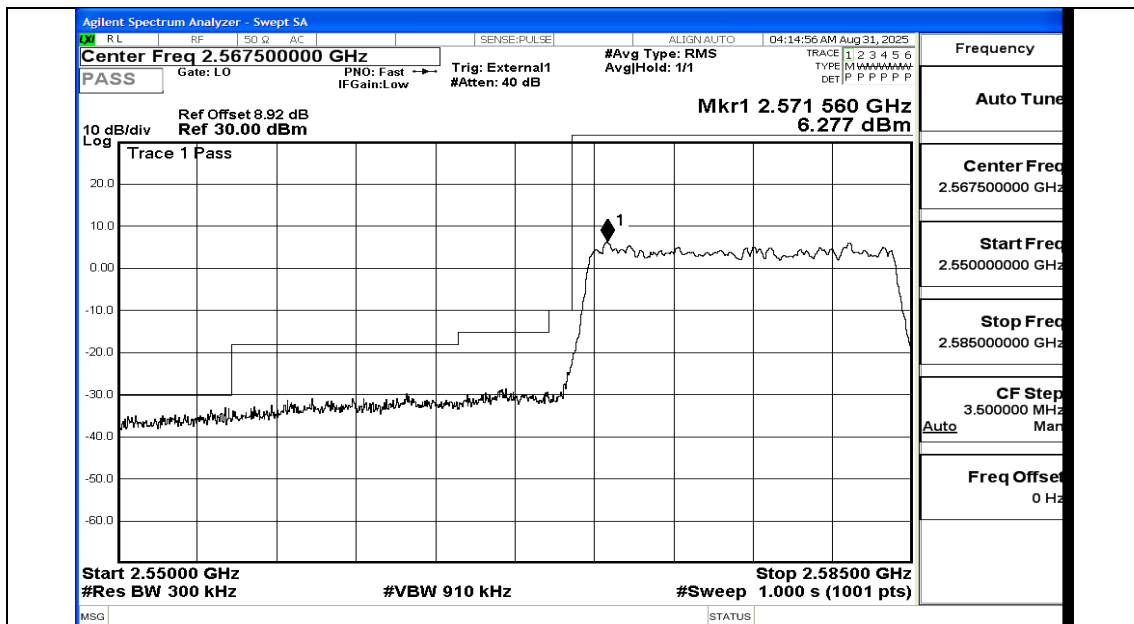


Band38_10MHz_16QAM_37800_50RB#0

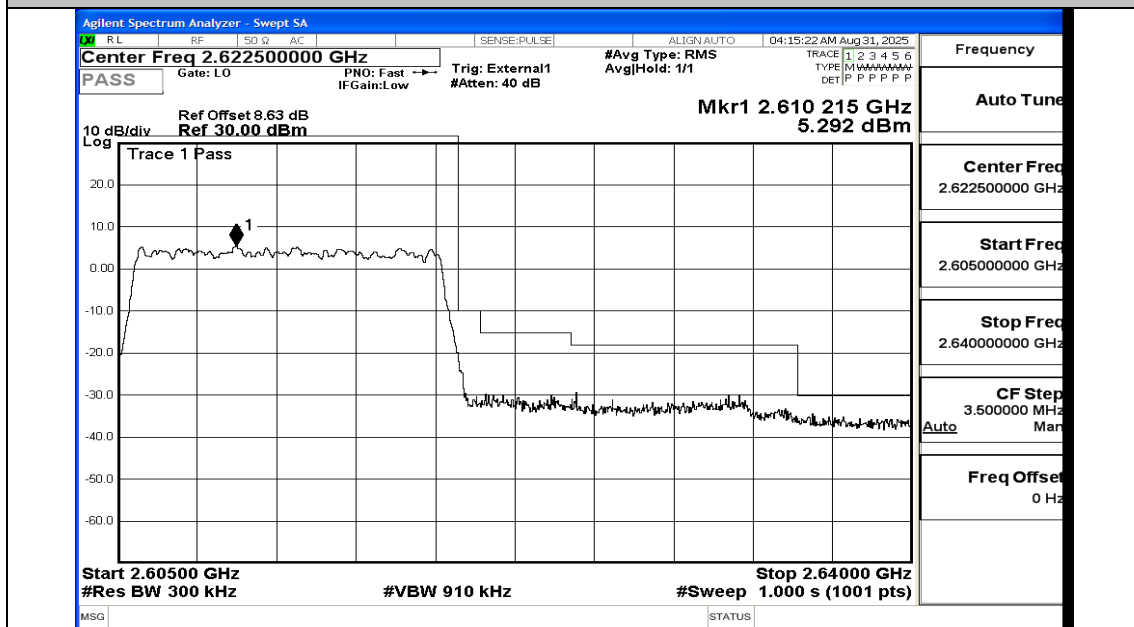


Band38_10MHz_QPSK_38200_50RB#0

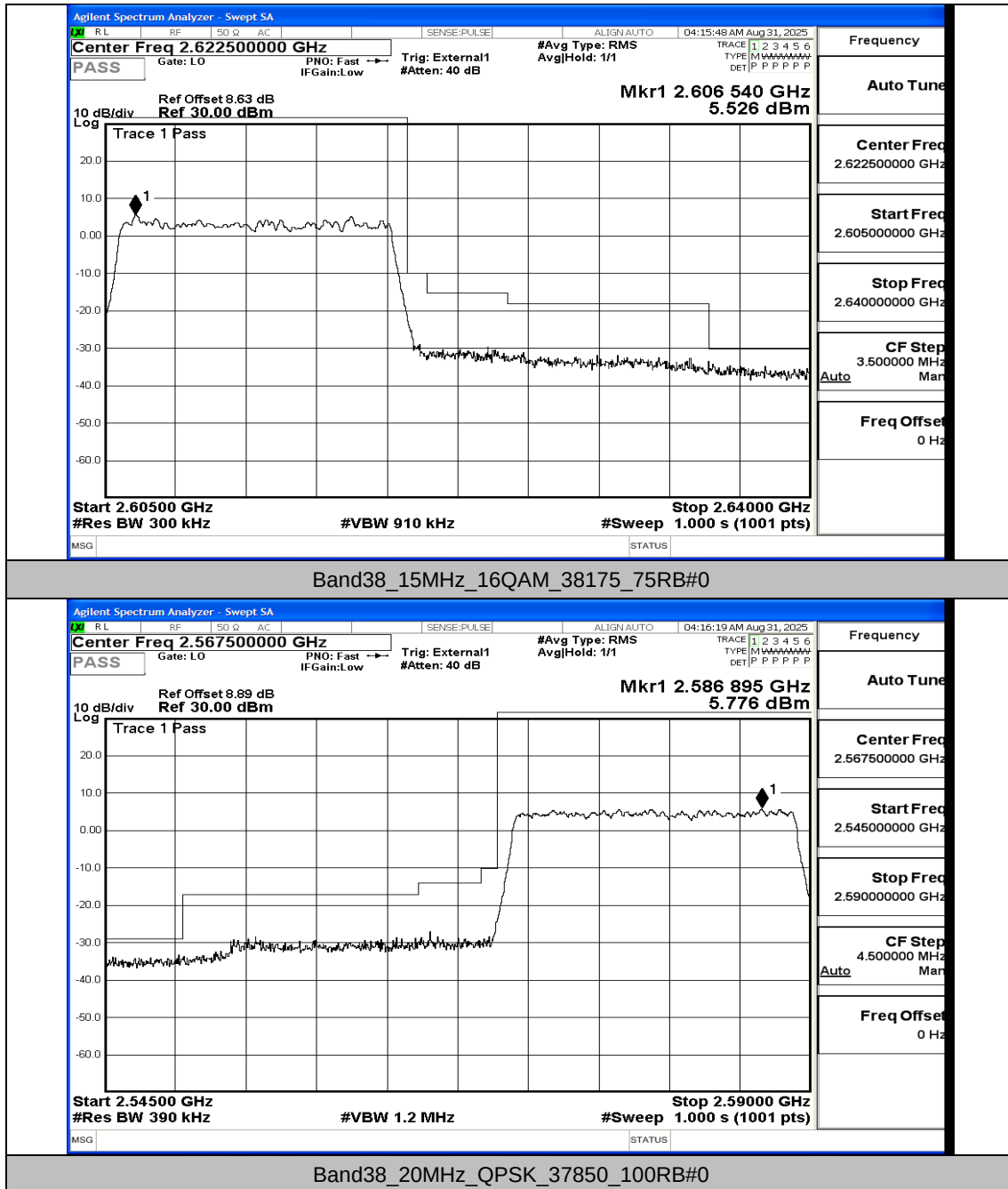


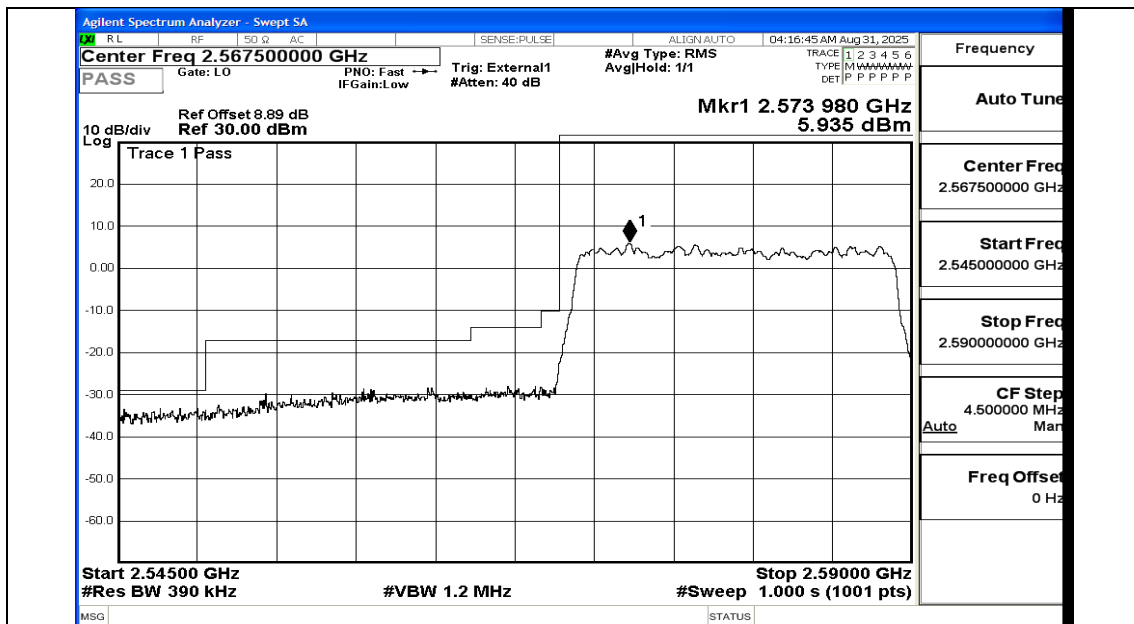


Band38_15MHz_16QAM_37825_75RB#0

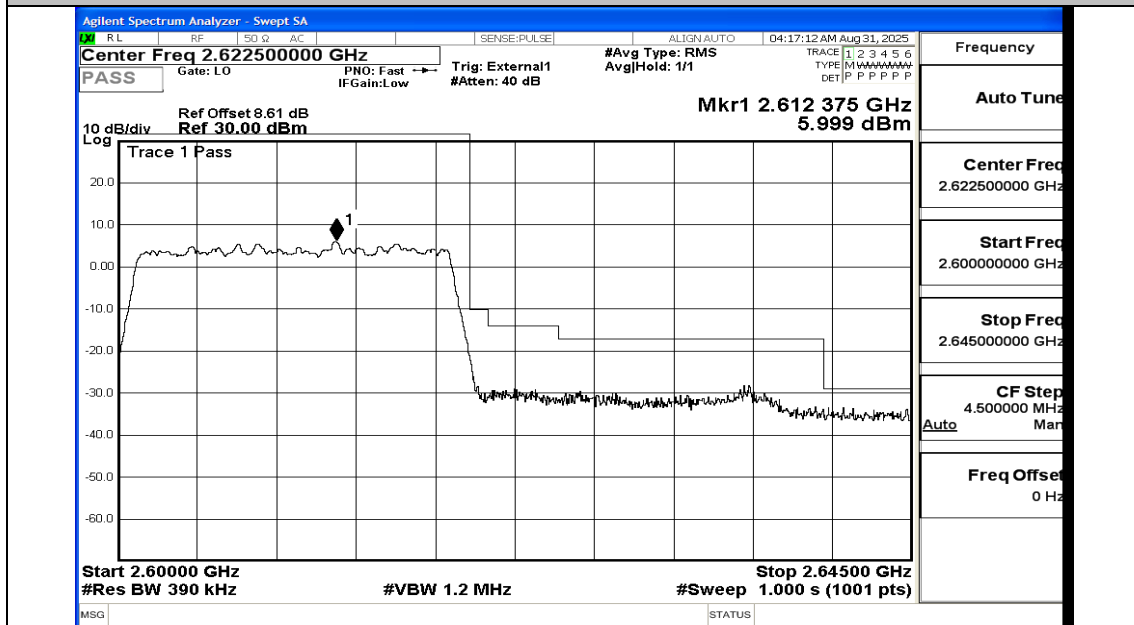


Band38_15MHz_QPSK_38175_75RB#0





Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-65.25	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-52.98	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-53.12	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-28.63	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-35.03	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-66.45	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-57.16	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-52.52	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-28.55	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-34.63	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-64.37	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-53.03	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-52.54	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-28.13	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-35.72	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-65.80	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-57.03	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-51.98	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-27.59	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-36.21	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-66.39	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-56.35	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-52.45	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-28.02	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-36.03	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-65.37	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-54.83	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-52.89	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-28.16	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-36.07	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-65.63	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-55.68	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-53.31	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-28.45	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-36.13	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-65.99	PASS

Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-54.73	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-52.82	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-27.78	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-35.02	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-65.53	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-52.05	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-52.44	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-28.55	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-35.87	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-63.02	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-55.09	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-52.34	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-27.73	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-35.70	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-67.01	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-51.54	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-52.01	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-27.72	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-35.24	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-63.92	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-51.49	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-52.81	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-27.86	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-35.87	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-65.11	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-56.23	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-53.27	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-28.01	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-36.10	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-63.72	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-55.70	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-52.28	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-28.37	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-35.36	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-65.83	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-55.27	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-52.57	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-28.09	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-35.58	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-66.66	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-53.06	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-52.46	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-28.01	PASS

Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-35.99	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-65.73	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-54.32	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-52.87	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-28.51	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-36.07	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-65.45	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-53.53	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-53.26	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-28.75	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-36.70	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-63.90	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-54.28	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-52.72	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-28.33	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-36.13	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-65.05	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-53.48	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-52.74	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-27.54	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-36.17	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-64.83	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-54.74	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-52.19	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-28.63	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-36.33	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-65.86	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-55.80	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-52.80	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-27.35	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-36.19	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-64.93	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-55.57	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-52.59	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-28.33	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-36.50	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-65.63	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-55.63	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-52.72	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-27.59	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-35.54	PASS

Test Graphs

