

Test Data for E-UTRA Band 38

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.20	25.56	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.43	25.79	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.08	25.44	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.30	24.66	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.29	24.65	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.37	24.73	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.36	24.72	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.89	25.25	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.80	25.16	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.55	24.91	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.98	24.34	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.98	24.34	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.97	24.33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.90	24.26	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.35	24.71	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.45	24.81	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.32	24.68	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.54	23.90	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.53	23.89	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.61	23.97	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.57	23.93	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.23	24.59	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.46	24.82	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.10	24.46	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.32	23.68	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.30	23.66	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.37	23.73	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.50	23.86	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.03	24.39	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.30	24.66	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.83	24.19	PASS

Band38	5MHz	16QAM	38000	12RB#0	20.99	23.35	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.98	23.34	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.87	23.23	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.02	23.38	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.35	23.71	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.48	23.84	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.48	23.84	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.43	22.79	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.54	22.90	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.50	22.86	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.60	22.96	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.88	25.24	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.03	25.39	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.96	25.32	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.37	24.73	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.37	24.73	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.22	24.58	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.22	24.58	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.81	25.17	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.57	24.93	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.55	24.91	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.90	24.26	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.91	24.27	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.87	24.23	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.91	24.27	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.30	24.66	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.31	24.67	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.23	24.59	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.49	23.85	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.59	23.95	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.61	23.97	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.55	23.91	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.16	24.52	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.34	24.70	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.36	24.72	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.34	23.70	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.16	23.52	PASS

Band38	10MHz	16QAM	37800	25RB#25	21.44	23.80	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.38	23.74	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.07	24.43	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.31	24.67	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.80	24.16	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.94	23.30	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.03	23.39	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.92	23.28	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.95	23.31	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.65	24.01	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.71	24.07	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.43	23.79	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.67	23.03	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.67	23.03	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.58	22.94	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.57	22.93	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.88	25.24	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.00	25.36	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.86	25.22	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.27	24.63	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.26	24.62	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.26	24.62	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.25	24.61	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.97	25.33	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.71	25.07	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.58	24.94	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.84	24.20	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.93	24.29	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.92	24.28	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.92	24.28	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.30	24.66	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.10	24.46	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.18	24.54	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.56	23.92	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.46	23.82	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.46	23.82	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.46	23.82	PASS

Band38	15MHz	16QAM	37825	1RB#0	21.91	24.27	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.10	24.46	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.26	24.62	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.27	24.63	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.26	24.62	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.26	24.62	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.32	23.68	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.07	24.43	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.62	23.98	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.62	23.98	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.83	24.19	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.92	24.28	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.92	24.28	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.99	23.35	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.67	24.03	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.31	23.67	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.57	23.93	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.46	23.82	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.46	23.82	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.46	23.82	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.61	22.97	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.99	25.35	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.06	25.42	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.69	25.05	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.24	24.60	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.24	24.60	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.09	24.45	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.23	24.59	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.32	25.68	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.08	25.44	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.65	25.01	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.99	24.35	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.99	24.35	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.86	24.22	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.88	24.24	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.40	24.76	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.17	24.53	PASS

Band38	20MHz	QPSK	38150	1RB#99	21.94	24.30	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.53	23.89	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.53	23.89	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.43	23.79	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.55	23.91	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.54	24.90	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.11	25.47	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.43	24.79	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.65	24.01	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.64	24.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.27	23.63	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.27	23.63	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.19	24.55	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.15	24.51	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.61	23.97	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.06	23.42	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.06	23.42	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.84	23.20	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.93	23.29	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.02	24.38	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.15	24.51	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.78	24.14	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.58	22.94	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.58	22.94	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.48	22.84	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.58	22.94	PASS

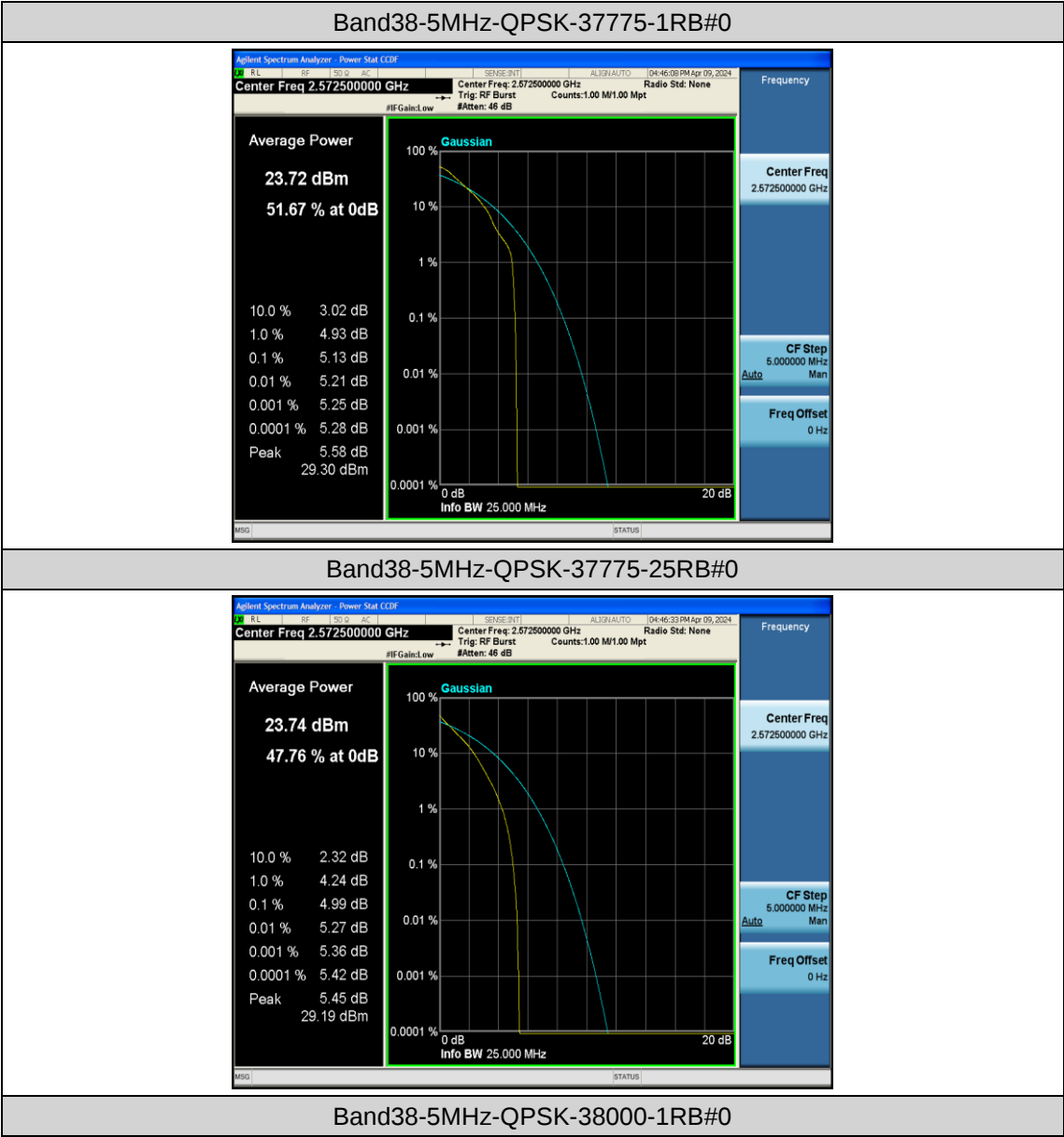
Appendix B: Peak-to-Average Ratio(CCDF)

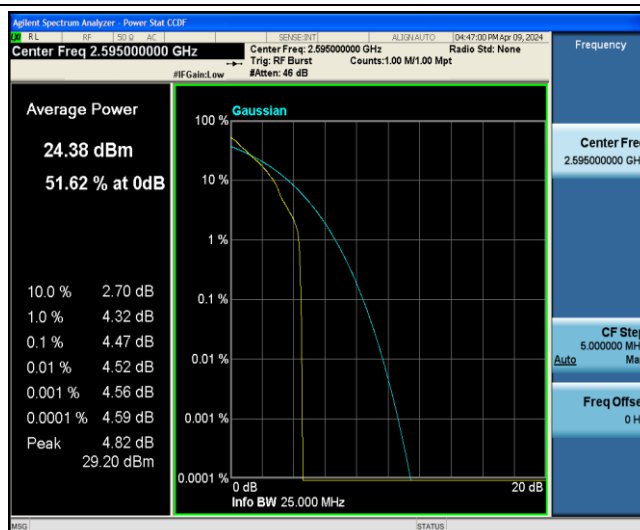
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	5.13	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.99	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.47	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.74	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	4.30	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.85	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.75	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.80	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	5.64	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.58	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	5.95	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.69	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	4.92	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	4.94	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.53	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	4.74	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	4.46	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	4.82	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.66	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.79	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.49	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.60	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	5.72	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	5.67	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.77	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.15	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.79	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	4.99	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.26	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.00	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.91	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	5.88	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.01	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.71	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	5.53	13	PASS

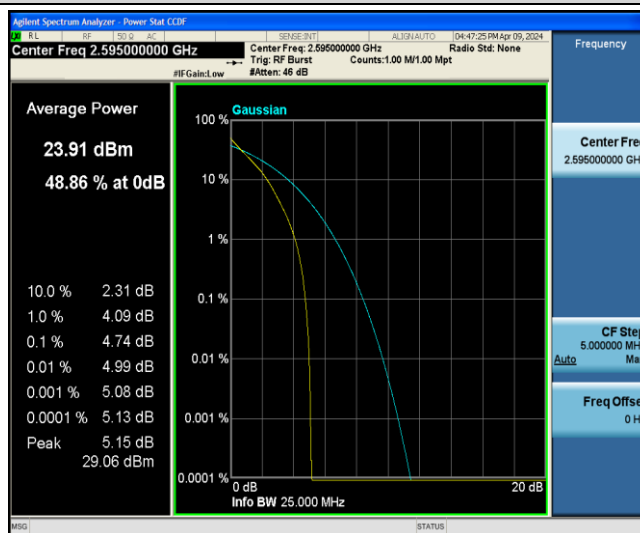
Band38	15MHz	16QAM	38175	75RB#0	5.74	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	4.31	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	4.99	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.38	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	4.84	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.45	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	4.85	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.45	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.77	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.05	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.68	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	5.54	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	5.67	13	PASS

Test Graphs

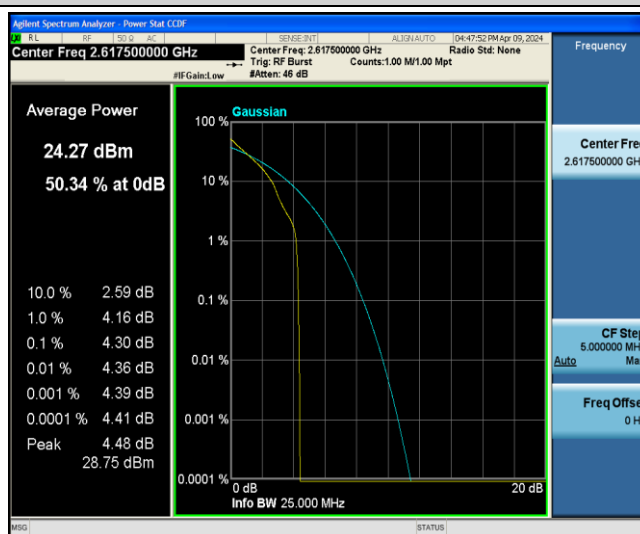




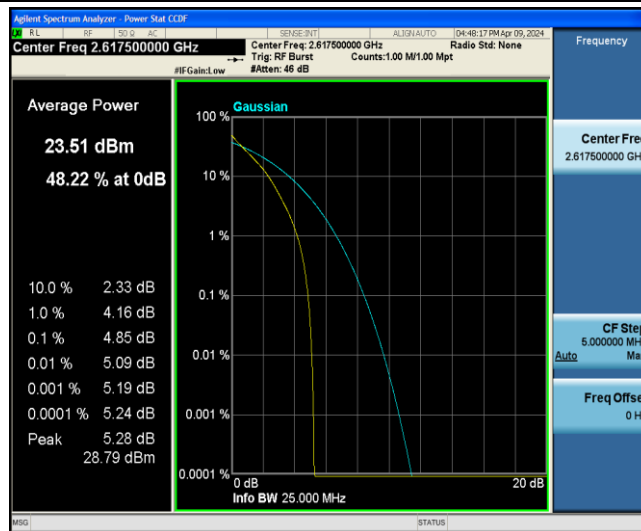
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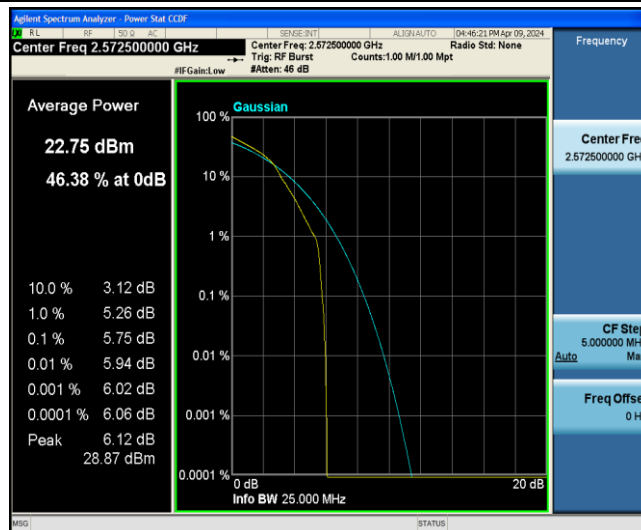
Band38-5MHz-QPSK-38225-1RB#0



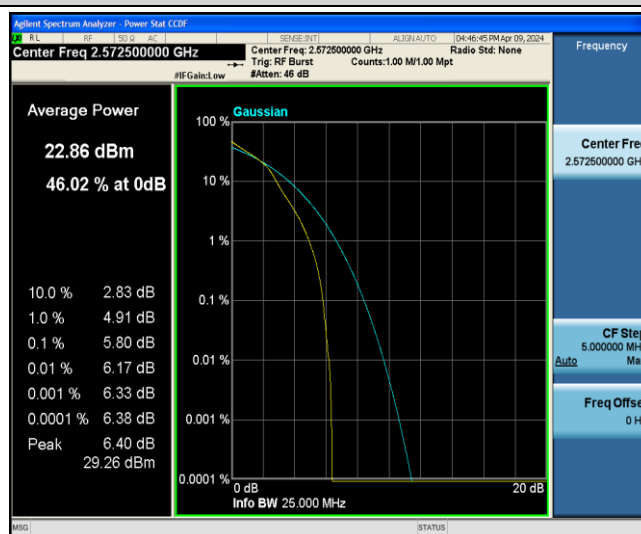
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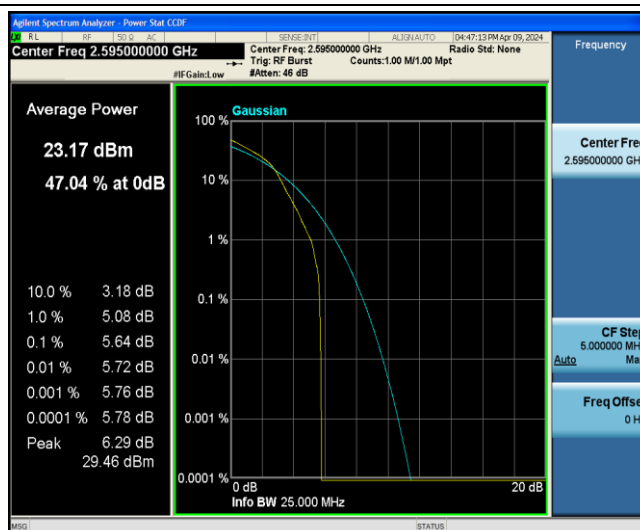
Band38-5MHz-16QAM-37775-1RB#0



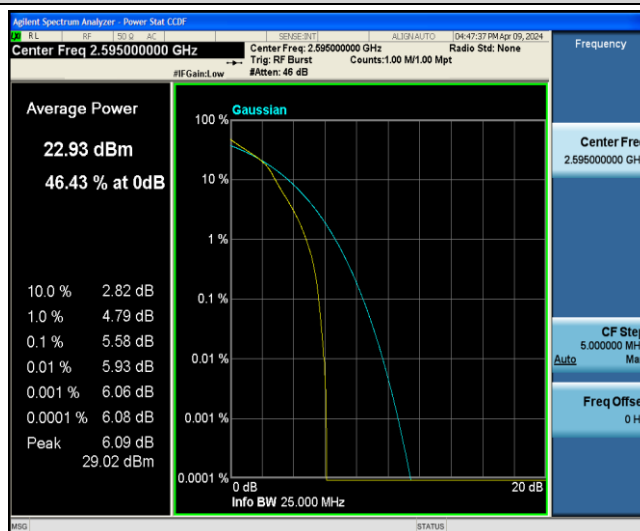
Band38-5MHz-16QAM-37775-25RB#0



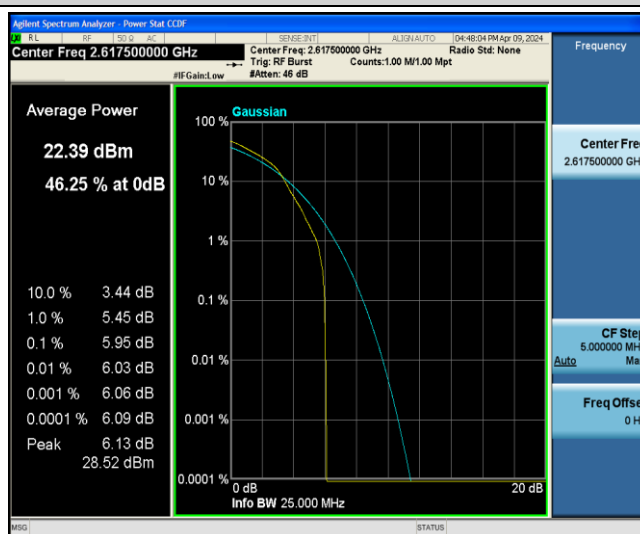
Band38-5MHz-16QAM-38000-1RB#0



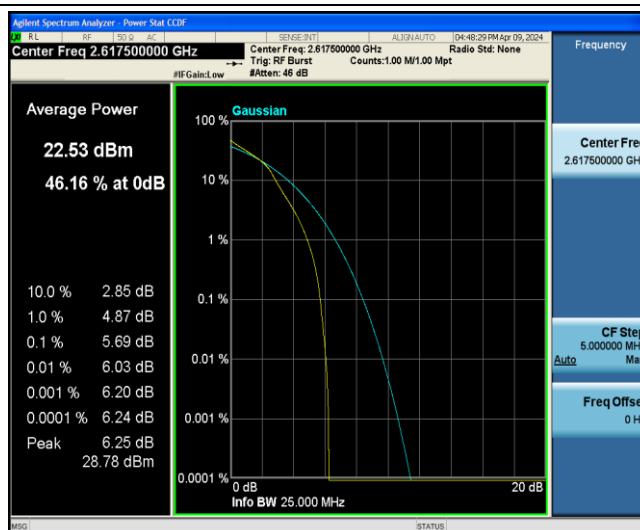
Band38-5MHz-16QAM-38000-25RB#0



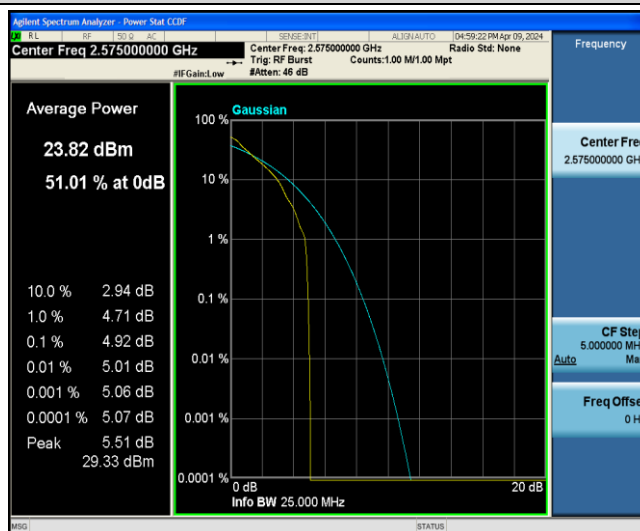
Band38-5MHz-16QAM-38225-1RB#0



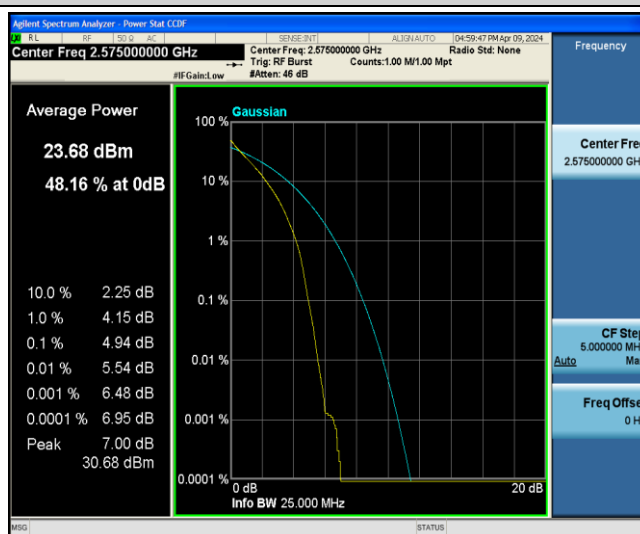
Band38-5MHz-16QAM-38225-25RB#0



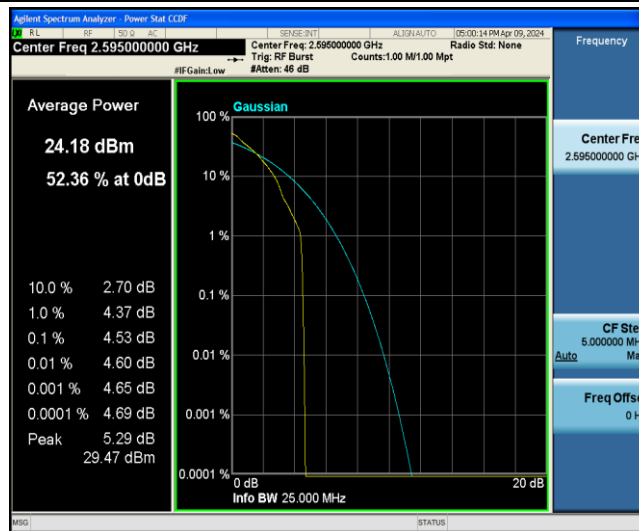
Band38-10MHz-QPSK-37800-1RB#0



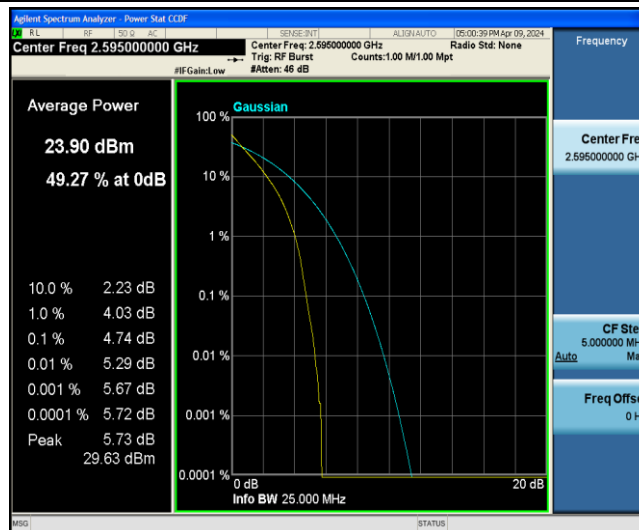
Band38-10MHz-QPSK-37800-50RB#0



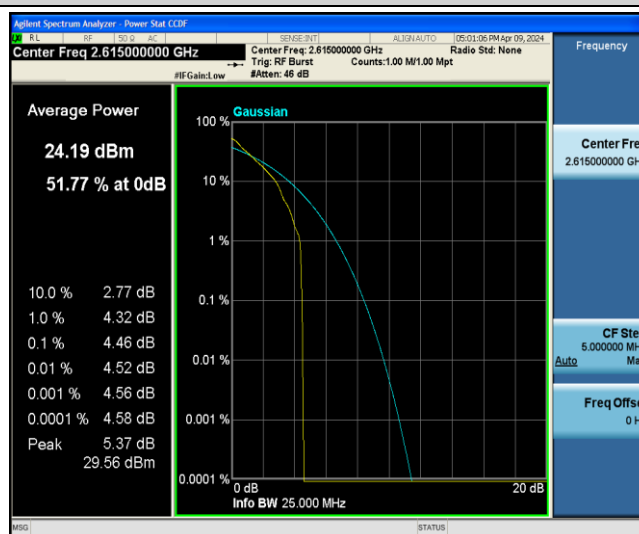
Band38-10MHz-QPSK-38000-1RB#0



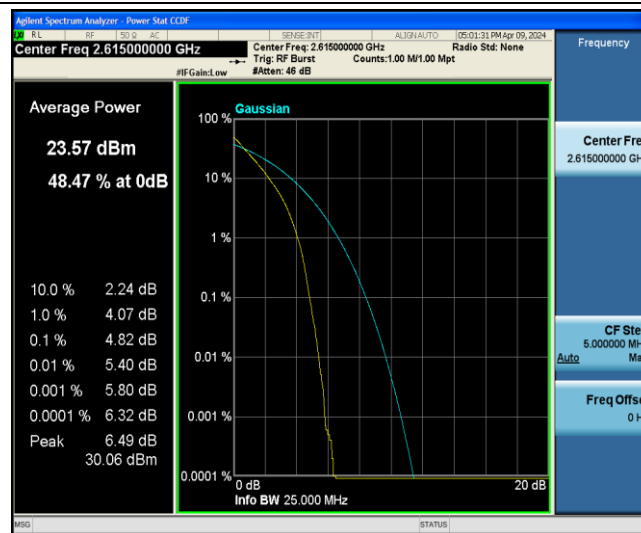
Band38-10MHz-QPSK-38000-50RB#0



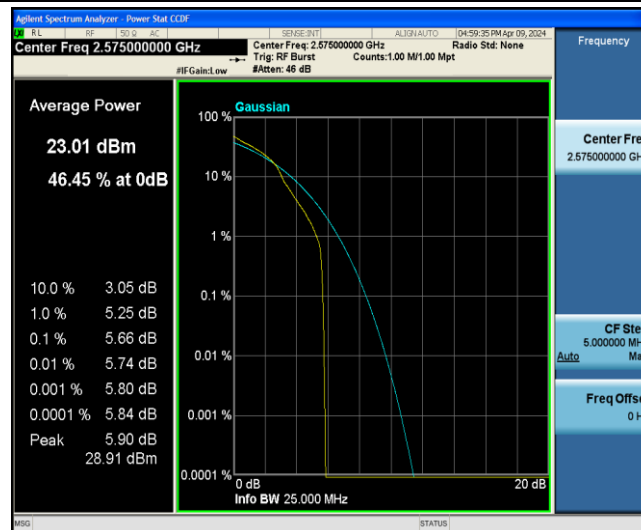
Band38-10MHz-QPSK-38200-1RB#0



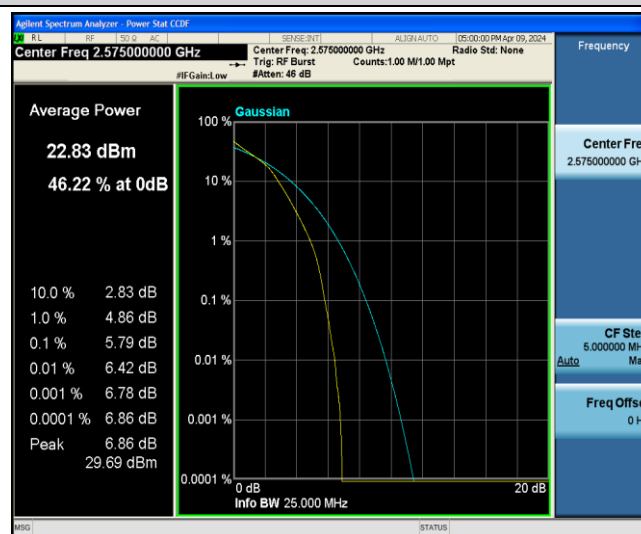
Band38-10MHz-QPSK-38200-50RB#0



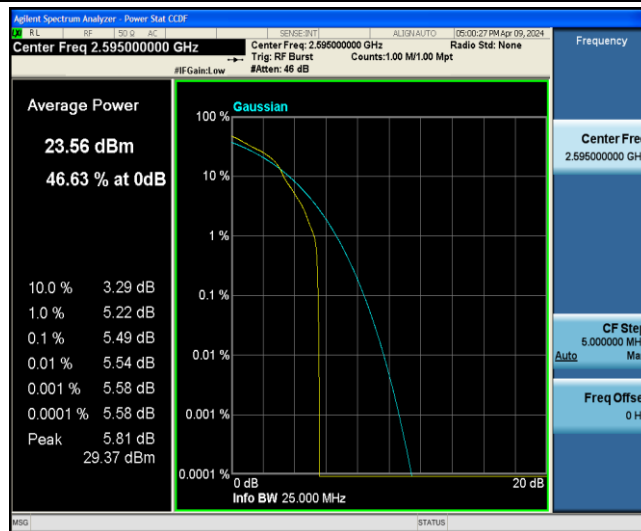
Band38-10MHz-16QAM-37800-1RB#0



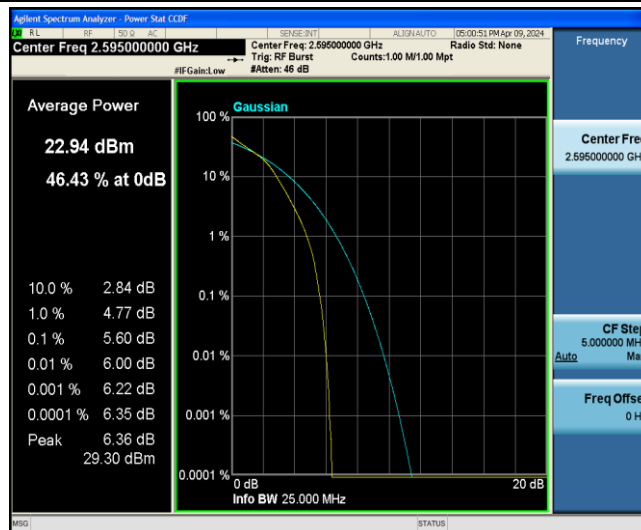
Band38-10MHz-16QAM-37800-50RB#0



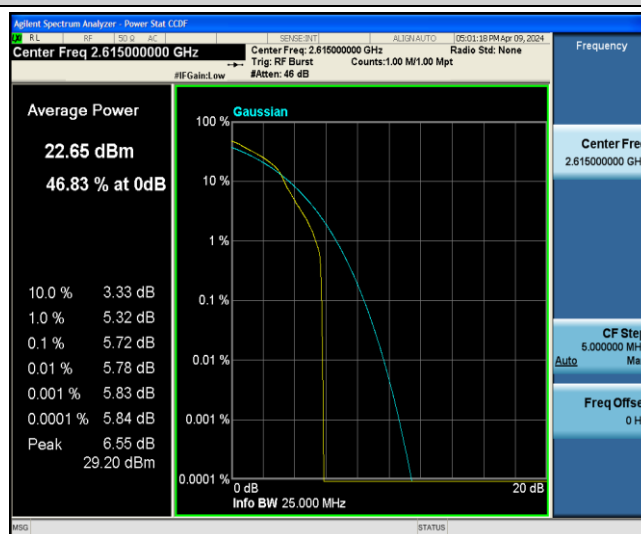
Band38-10MHz-16QAM-38000-1RB#0



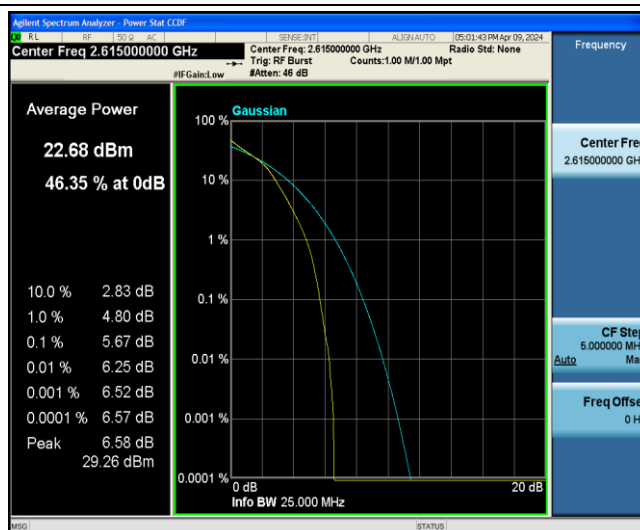
Band38-10MHz-16QAM-38000-50RB#0



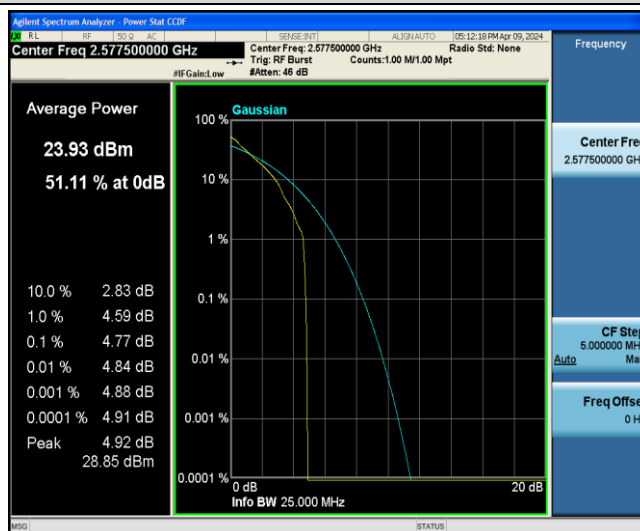
Band38-10MHz-16QAM-38200-1RB#0



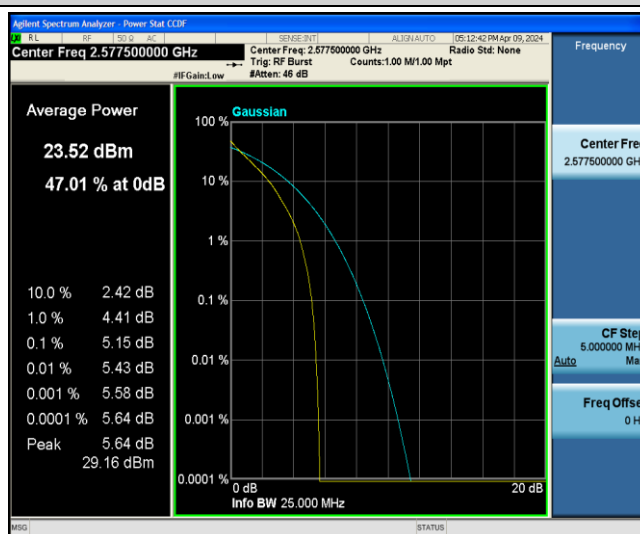
Band38-10MHz-16QAM-38200-50RB#0



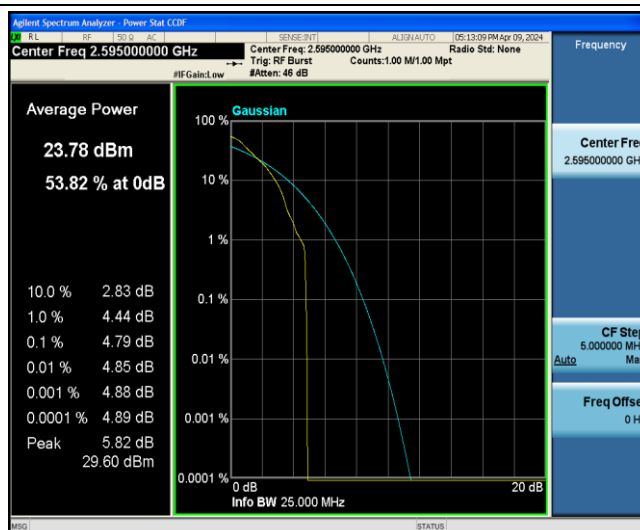
Band38-15MHz-QPSK-37825-1RB#0



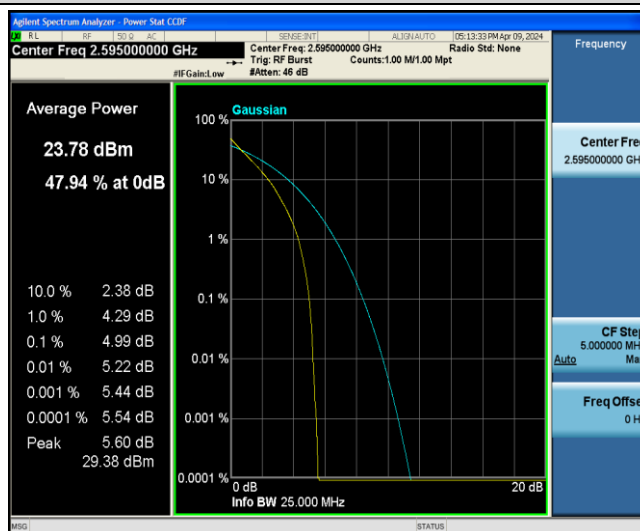
Band38-15MHz-QPSK-37825-75RB#0



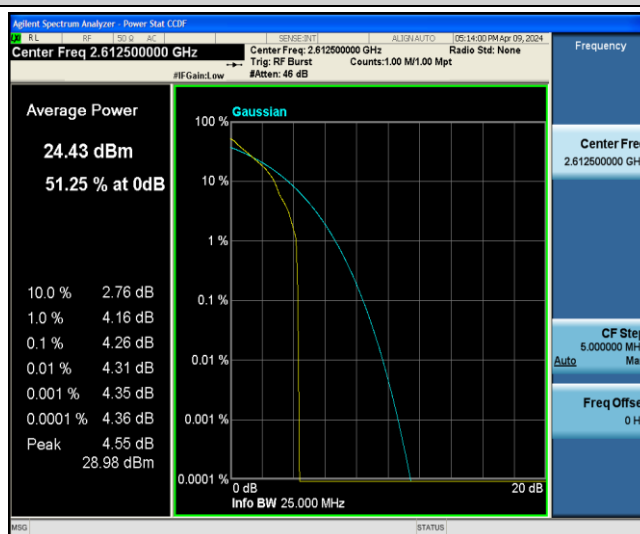
Band38-15MHz-QPSK-38000-1RB#0



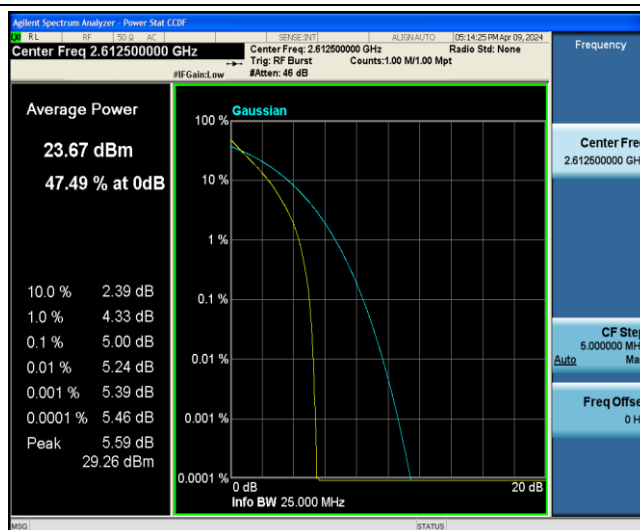
Band38-15MHz-QPSK-38000-75RB#0



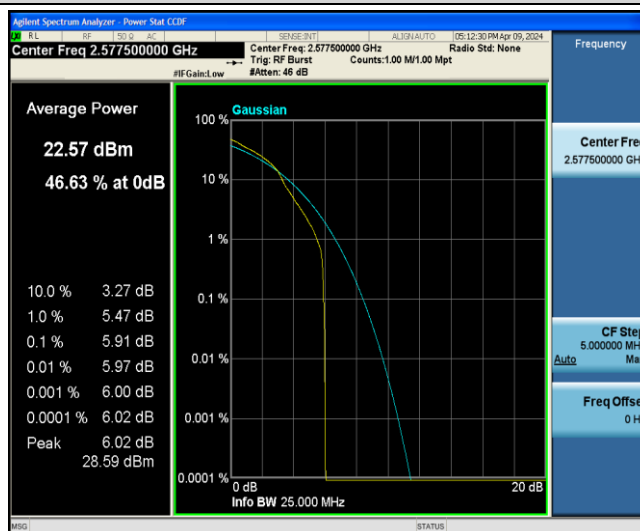
Band38-15MHz-QPSK-38175-1RB#0



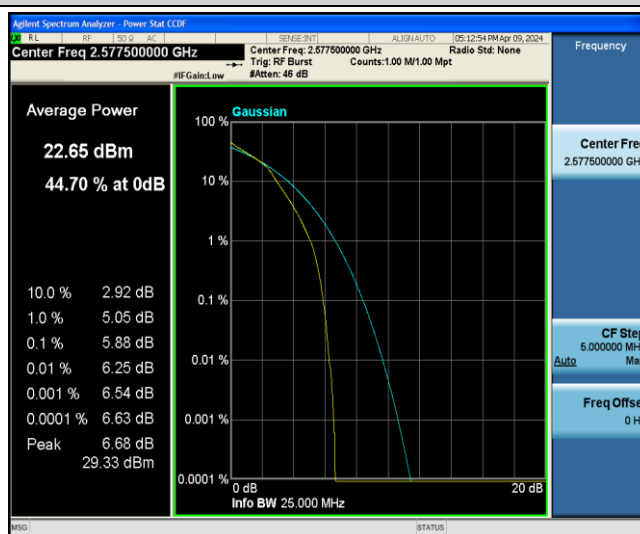
Band38-15MHz-QPSK-38175-75RB#0



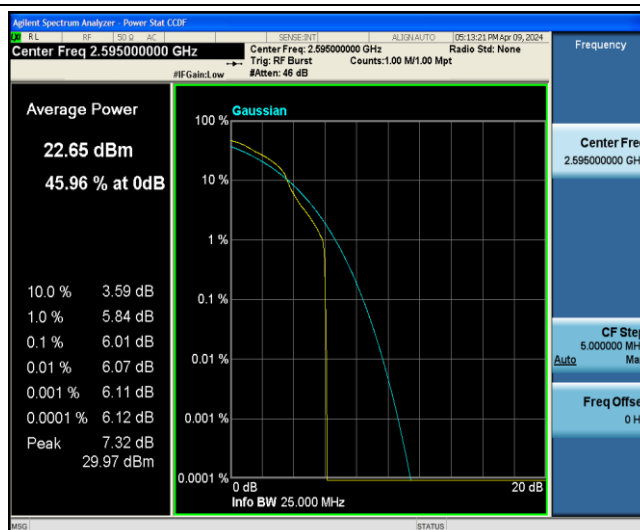
Band38-15MHz-16QAM-37825-1RB#0



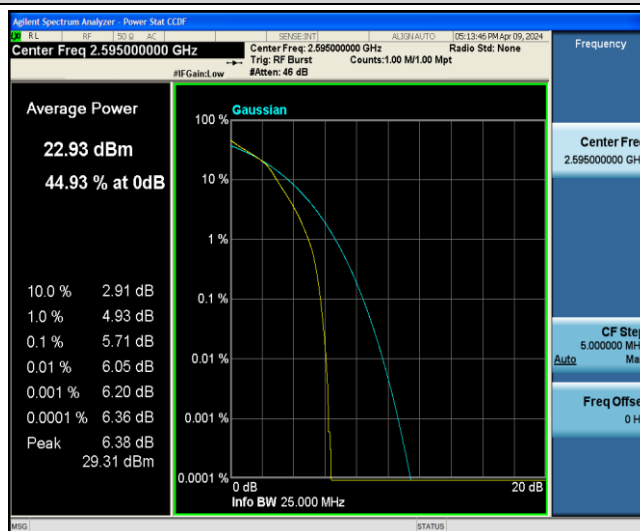
Band38-15MHz-16QAM-37825-75RB#0



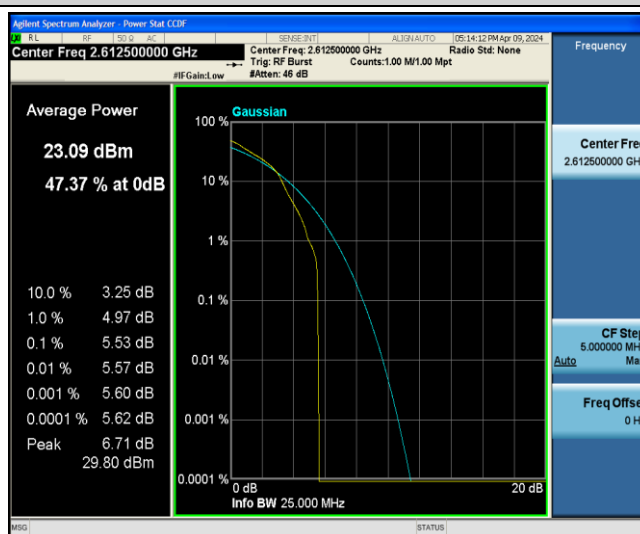
Band38-15MHz-16QAM-38000-1RB#0



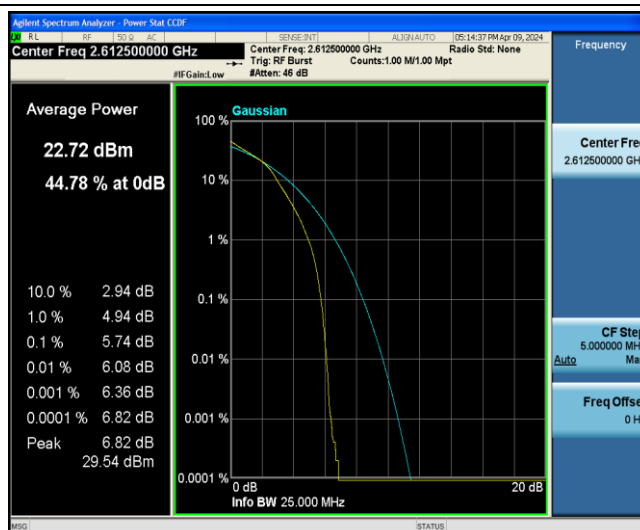
Band38-15MHz-16QAM-38000-75RB#0



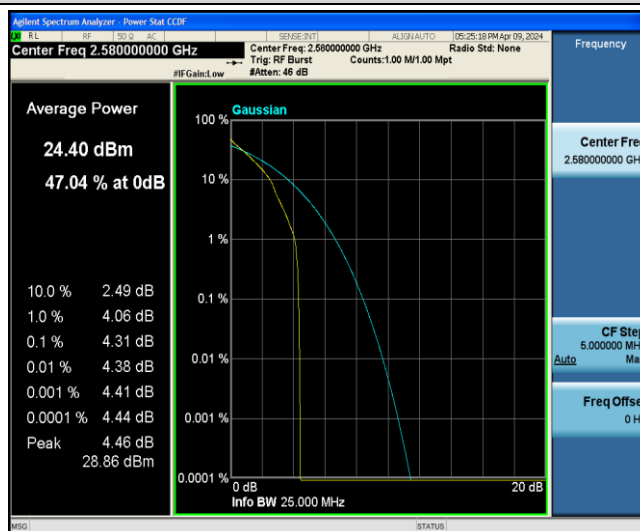
Band38-15MHz-16QAM-38175-1RB#0



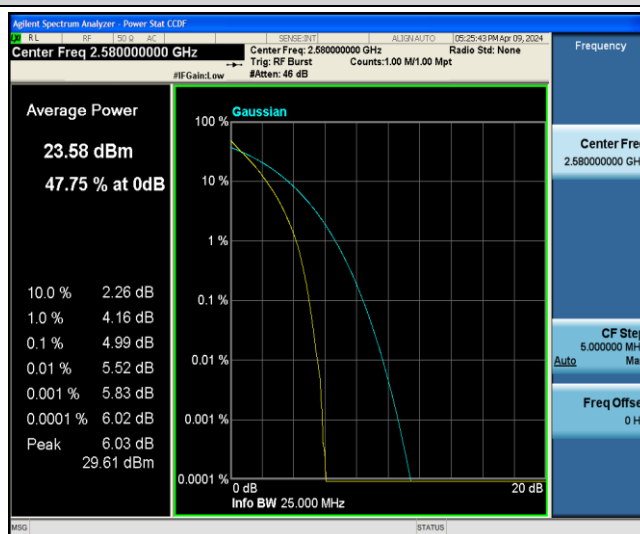
Band38-15MHz-16QAM-38175-75RB#0



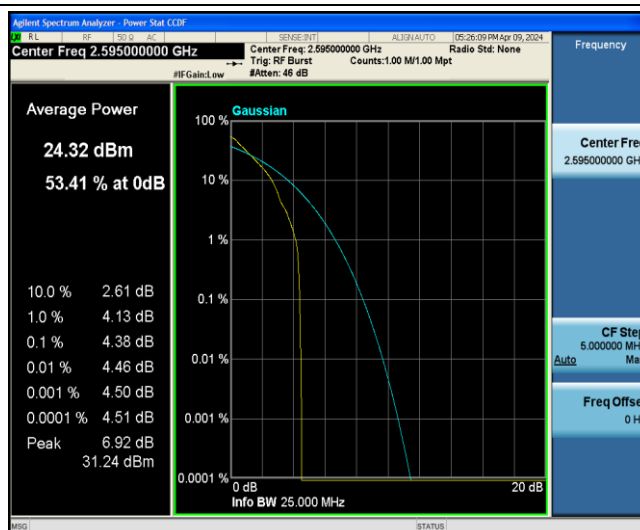
Band38-20MHz-QPSK-37850-1RB#0



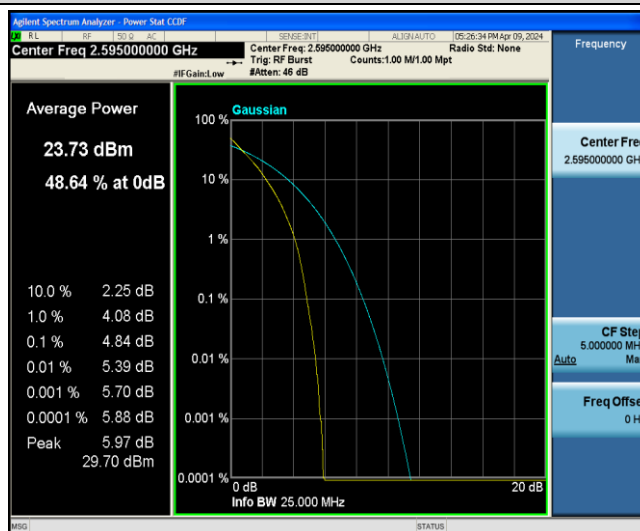
Band38-20MHz-QPSK-37850-100RB#0



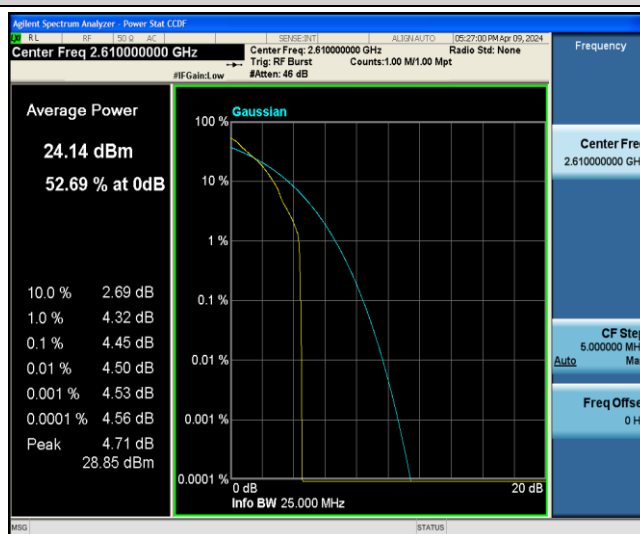
Band38-20MHz-QPSK-38000-1RB#0



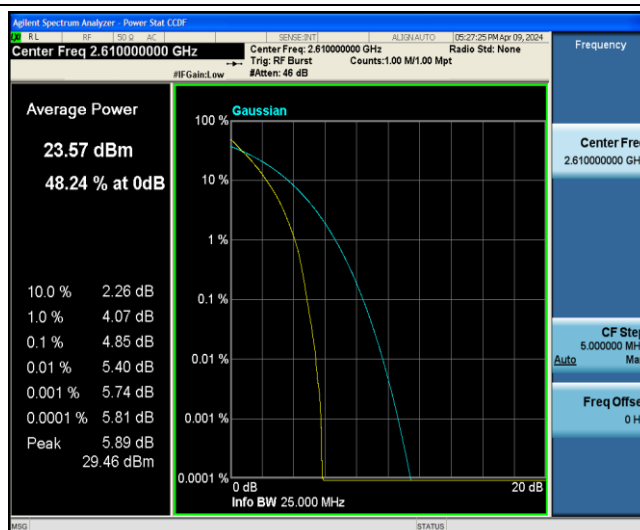
Band38-20MHz-QPSK-38000-100RB#0



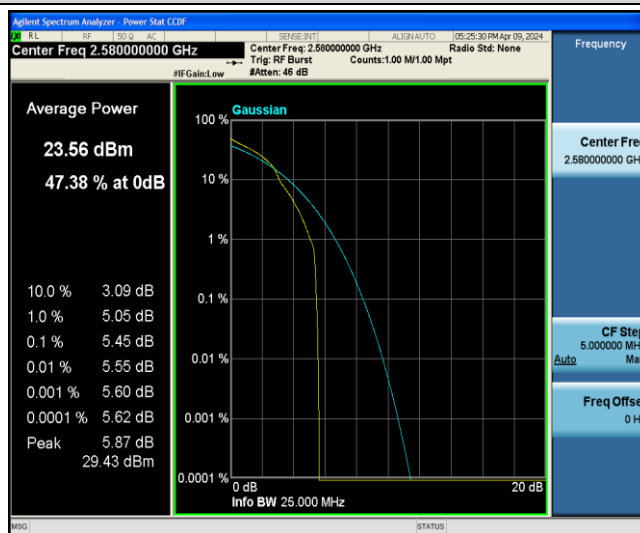
Band38-20MHz-QPSK-38150-1RB#0



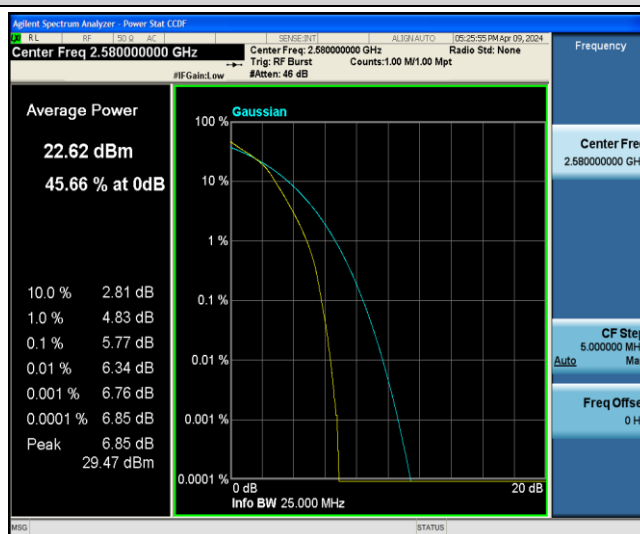
Band38-20MHz-QPSK-38150-100RB#0



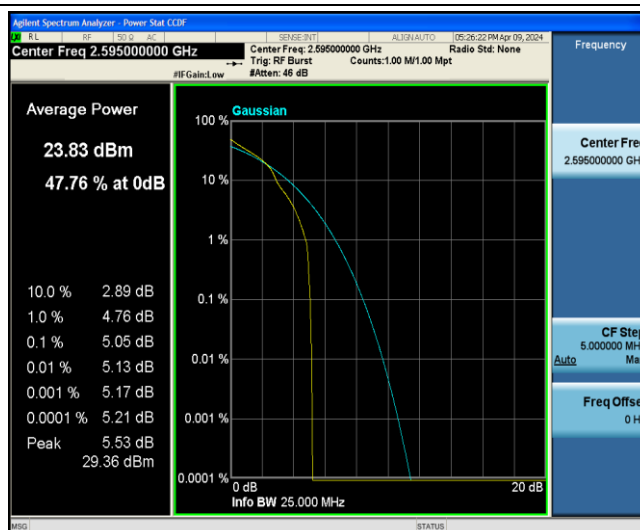
Band38-20MHz-16QAM-37850-1RB#0



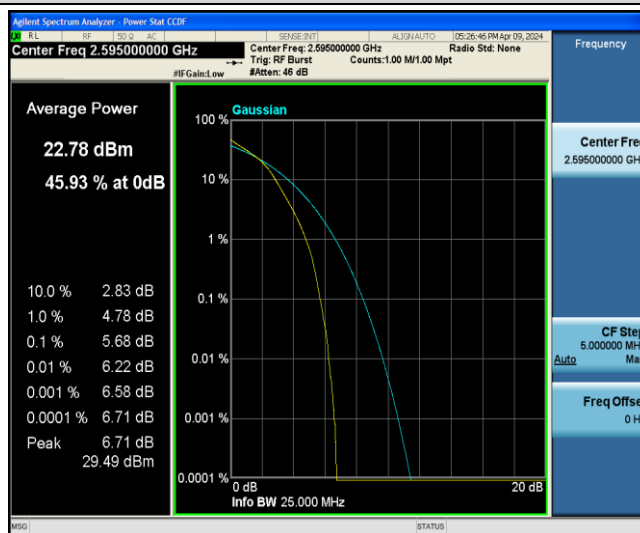
Band38-20MHz-16QAM-37850-100RB#0



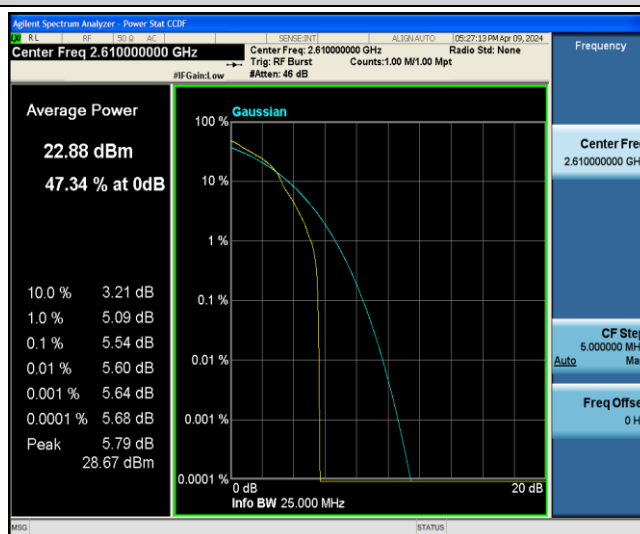
Band38-20MHz-16QAM-38000-1RB#0



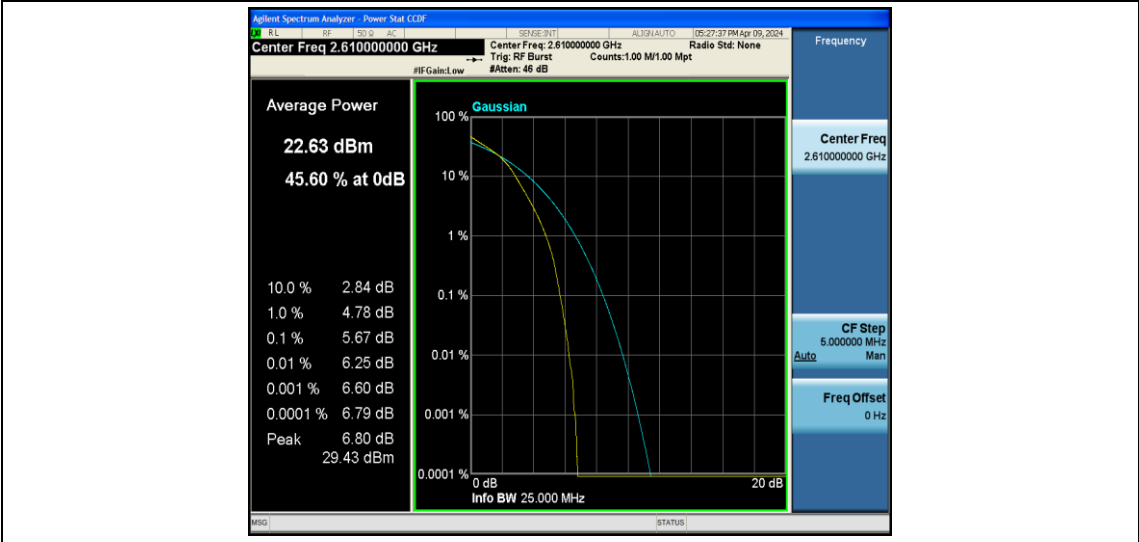
Band38-20MHz-16QAM-38000-100RB#0



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



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



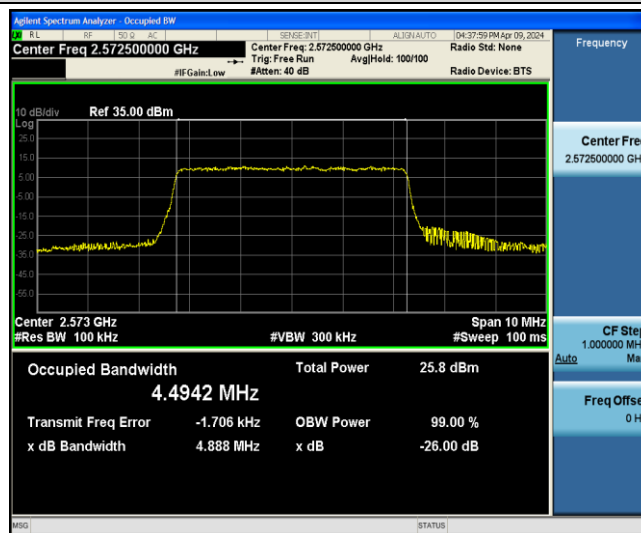
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

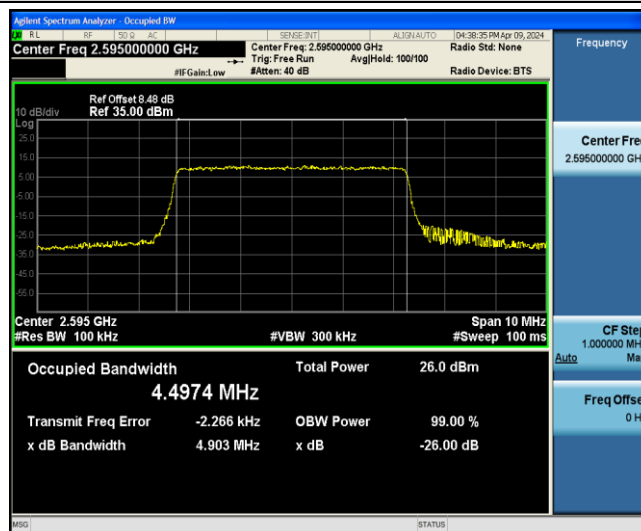
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4942	4.888	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4974	4.903	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4983	4.888	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4946	4.864	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4934	4.858	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4940	4.866	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9598	9.658	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9649	9.564	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9603	9.515	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9643	9.523	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9580	9.490	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9590	9.504	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.439	14.28	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.425	14.24	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.423	14.23	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.454	14.28	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.433	14.26	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.441	14.25	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.894	18.95	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.881	18.93	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.884	18.95	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.892	18.93	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.901	18.92	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.874	18.95	PASS

Test Graphs

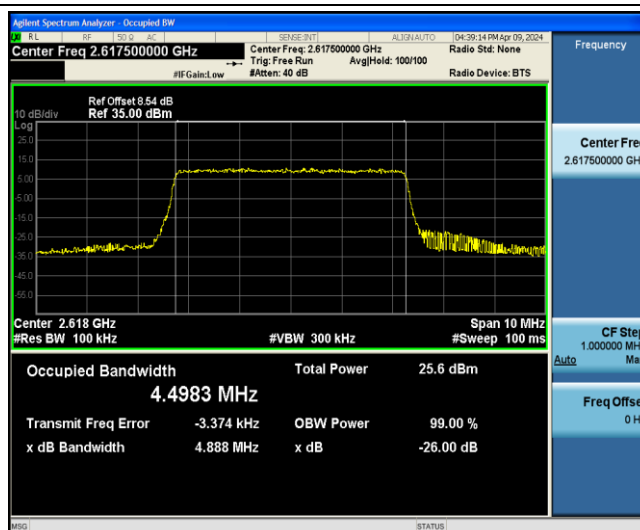
Band38-5MHz-QPSK-37775-25RB#0



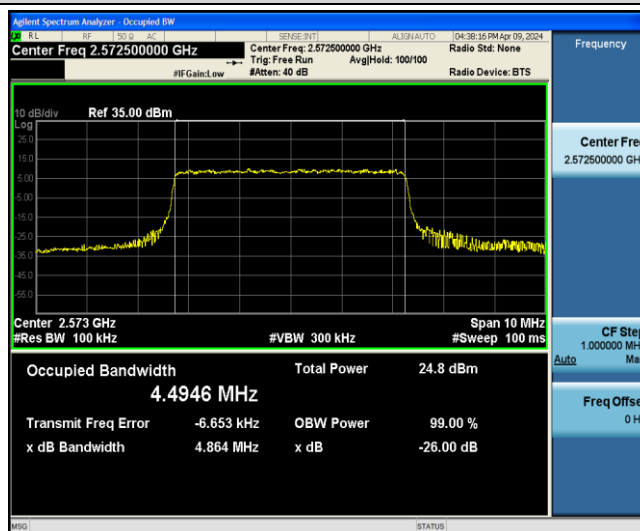
Band38-5MHz-QPSK-38000-25RB#0



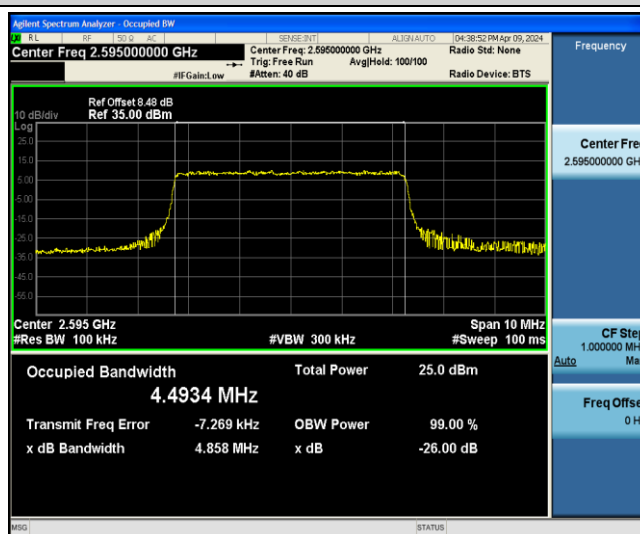
Band38-5MHz-QPSK-38225-25RB#0



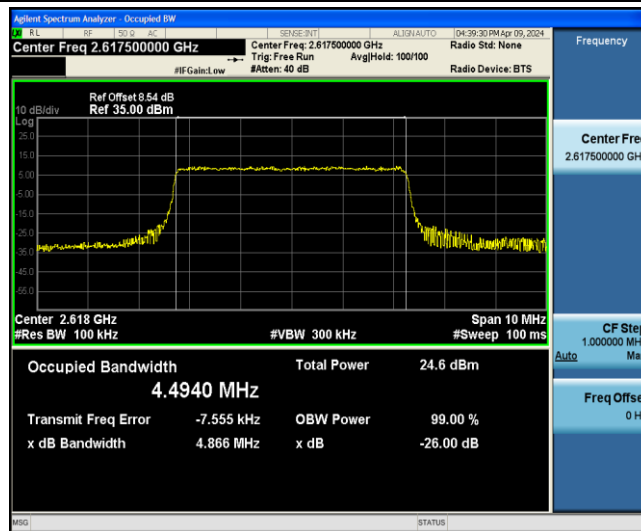
Band38-5MHz-16QAM-37775-25RB#0



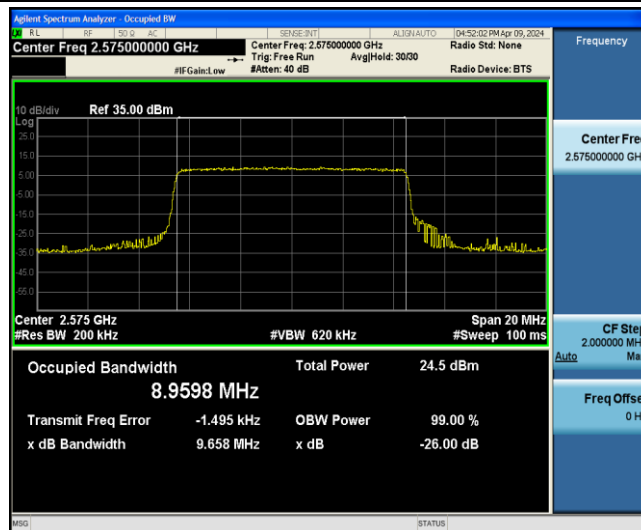
Band38-5MHz-16QAM-38000-25RB#0



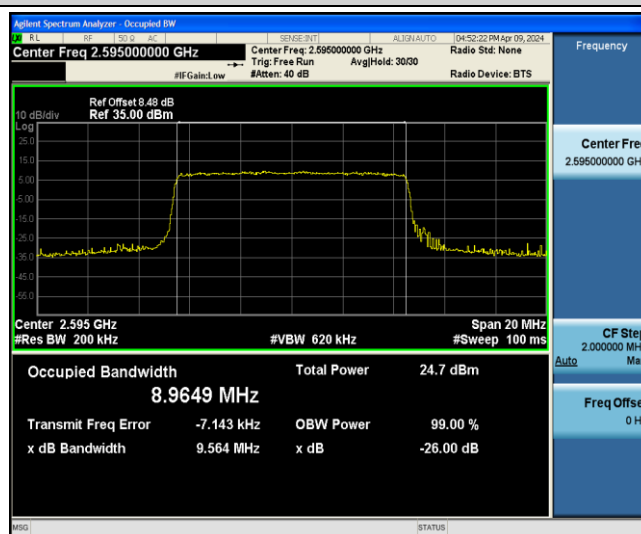
Band38-5MHz-16QAM-38225-25RB#0



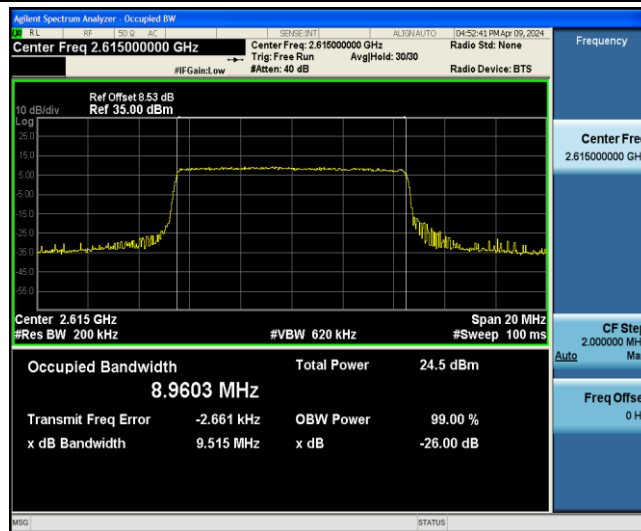
Band38-10MHz-QPSK-37800-50RB#0



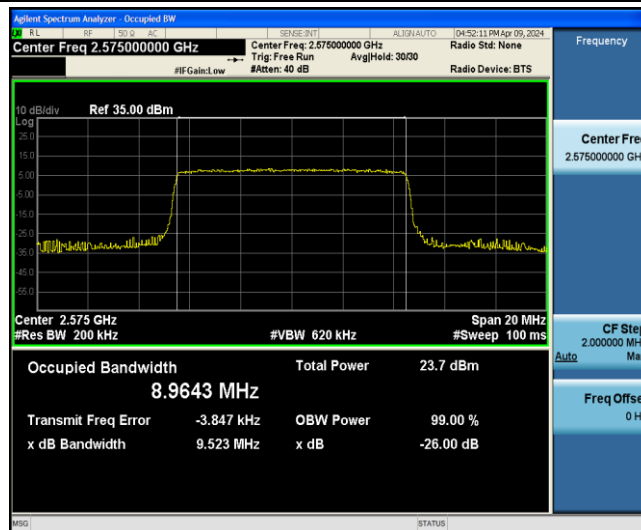
Band38-10MHz-QPSK-38000-50RB#0



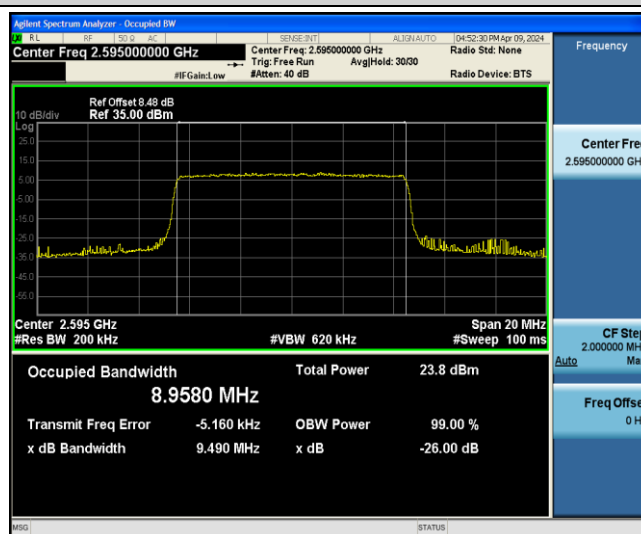
Band38-10MHz-QPSK-38200-50RB#0



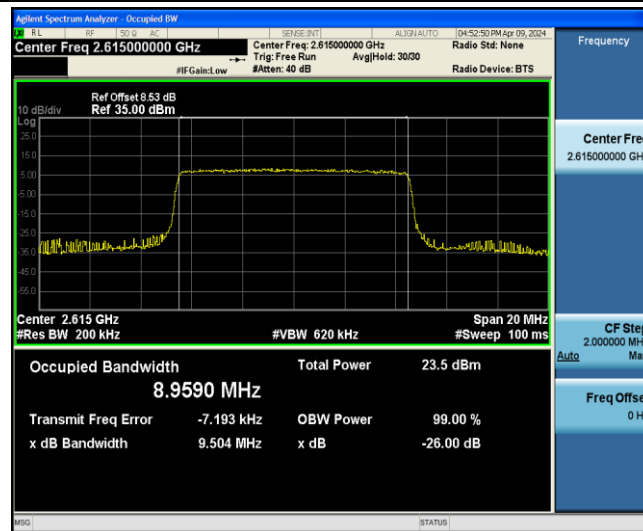
Band38-10MHz-16QAM-37800-50RB#0



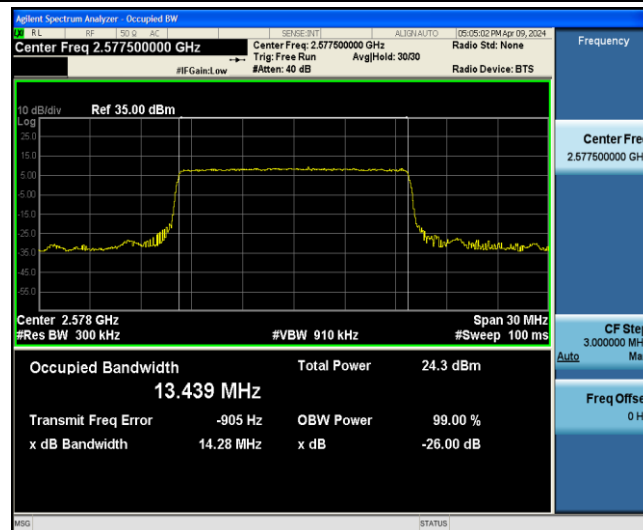
Band38-10MHz-16QAM-38000-50RB#0



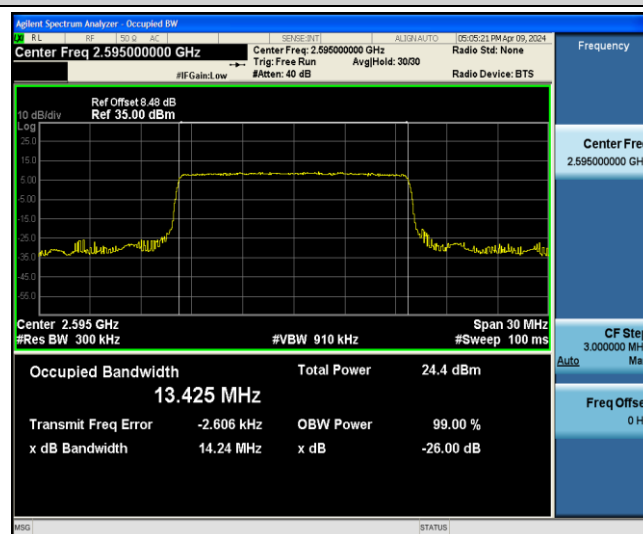
Band38-10MHz-16QAM-38200-50RB#0



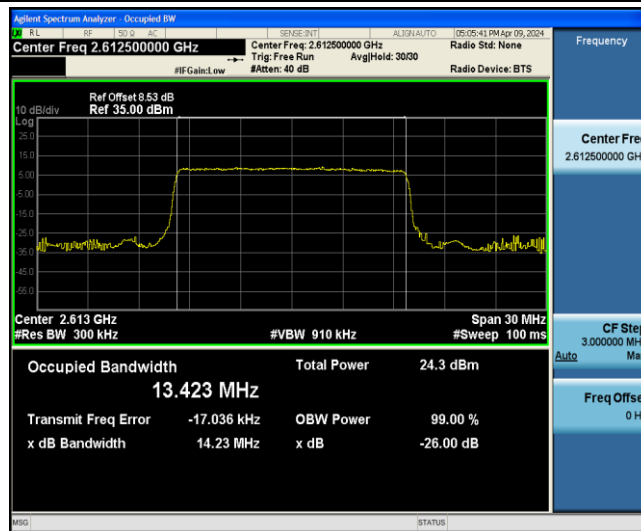
Band38-15MHz-QPSK-37825-75RB#0



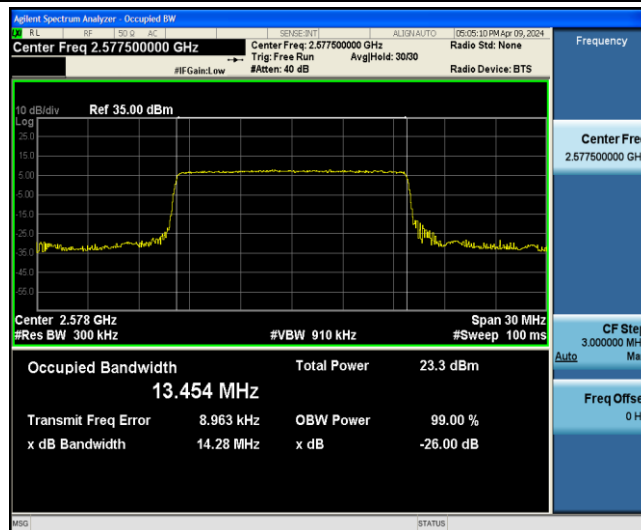
Band38-15MHz-QPSK-38000-75RB#0



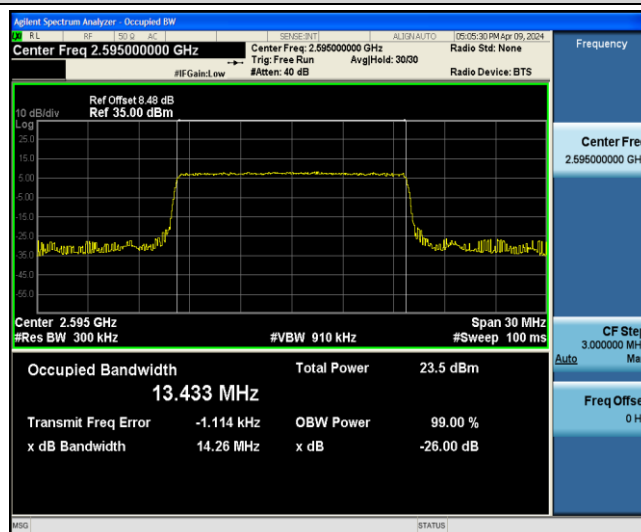
Band38-15MHz-QPSK-38175-75RB#0



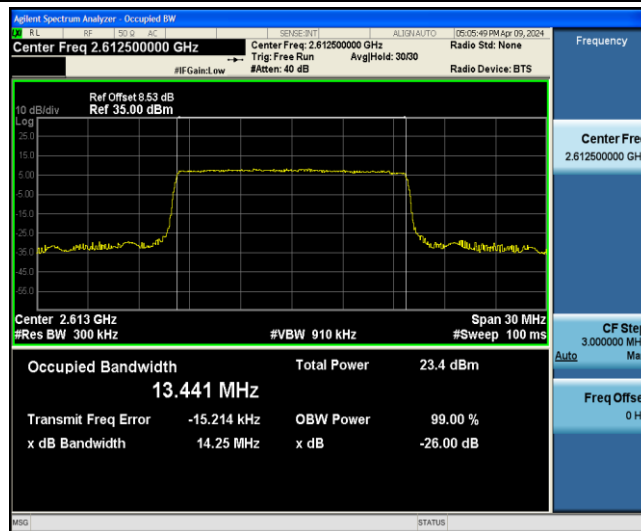
Band38-15MHz-16QAM-37825-75RB#0



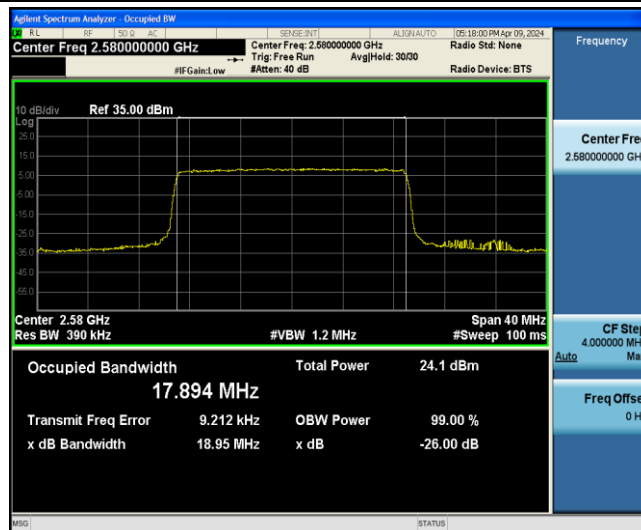
Band38-15MHz-16QAM-38000-75RB#0



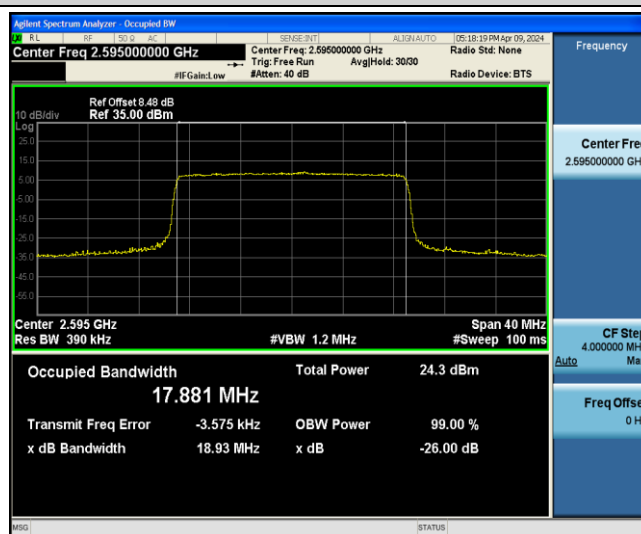
Band38-15MHz-16QAM-38175-75RB#0



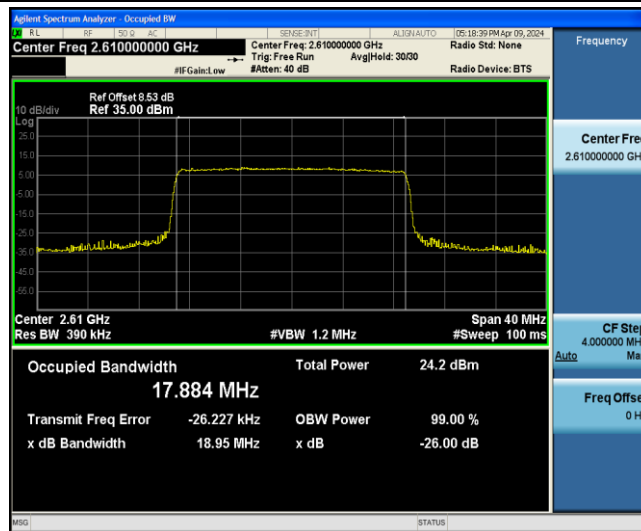
Band38-20MHz-QPSK-37850-100RB#0



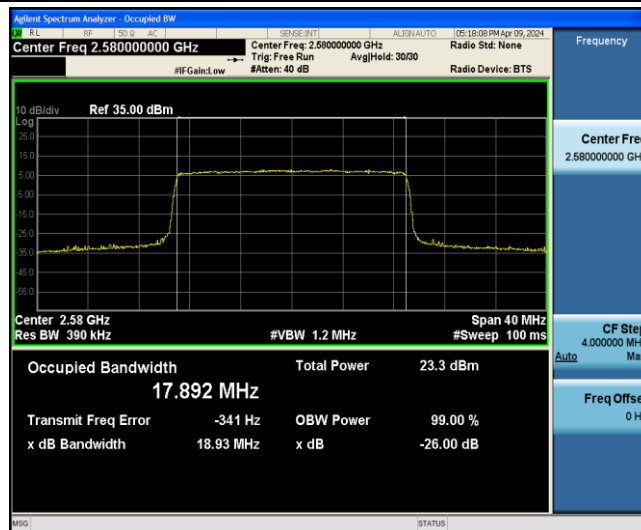
Band38-20MHz-QPSK-38000-100RB#0



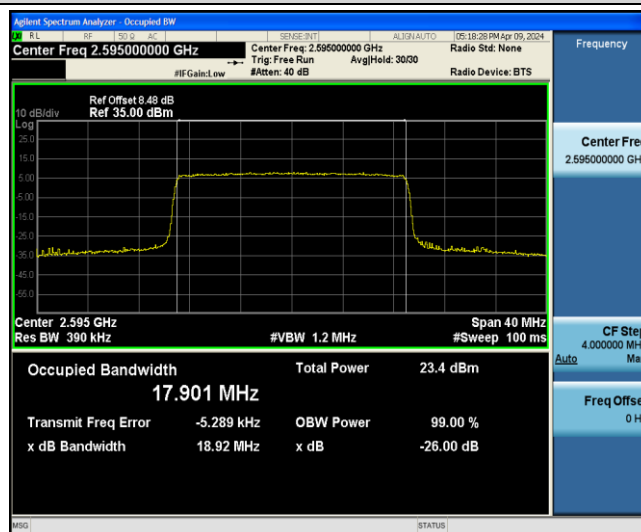
Band38-20MHz-QPSK-38150-100RB#0



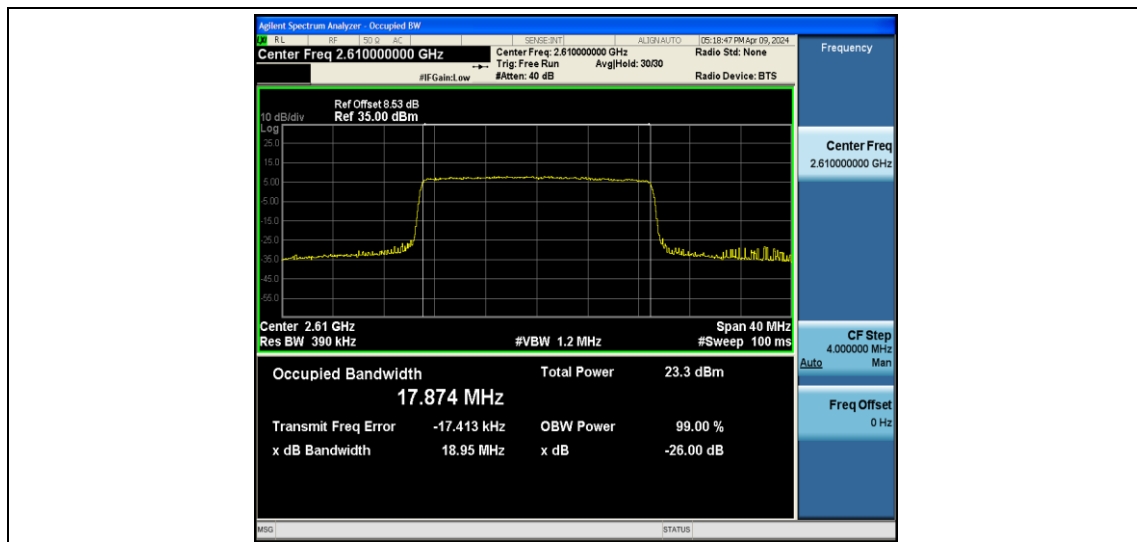
Band38-20MHz-16QAM-37850-100RB#0



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



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



Appendix D: Band Edge

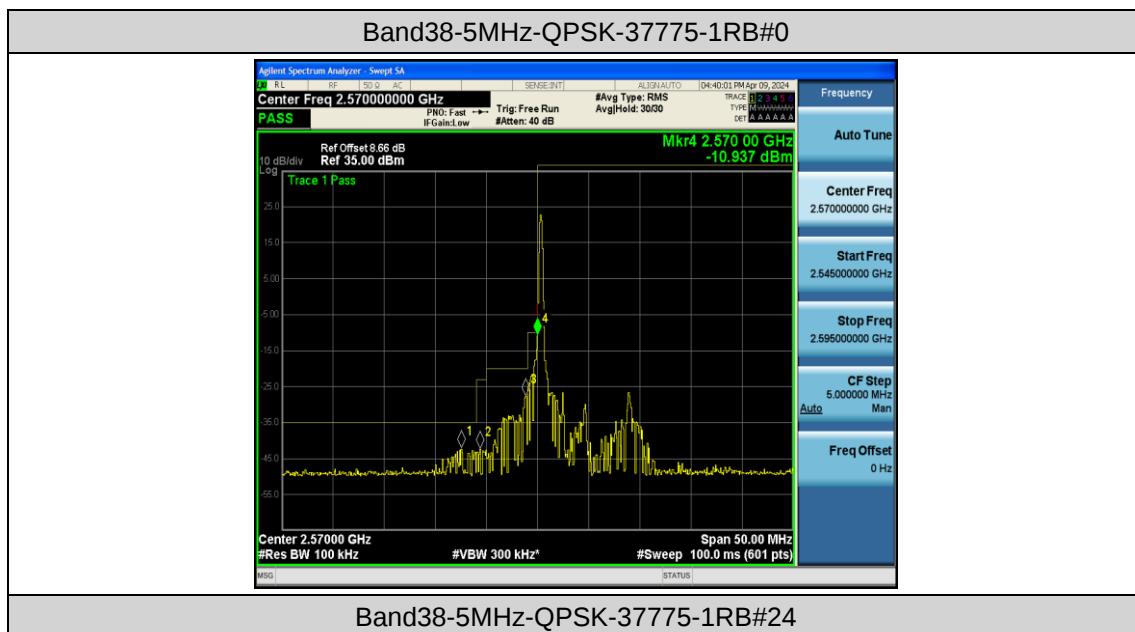
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band3 8	5MHz	QPSK	37775	1RB#0	-42.38,-42.51,-27.85,-10.9 4	PASS
Band3 8	5MHz	QPSK	37775	1RB#24	-42.18,-39.21,-30.16,-41.1 2	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	-40.65,-39.20,-30.70,-19.7 2	PASS
Band3 8	5MHz	QPSK	38225	1RB#0	-39.70,-26.67,-36.54,-43.7 4	PASS
Band3 8	5MHz	QPSK	38225	1RB#24	-13.20,-24.27,-40.22,-41.7 9	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	-21.94,-28.44,-37.95,-40.3 0	PASS
Band3 8	5MHz	16QAM	37775	1RB#0	-41.32,-40.10,-25.84,-15.6 9	PASS
Band3 8	5MHz	16QAM	37775	1RB#24	-45.05,-39.88,-31.93,-45.6 3	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	-41.72,-38.50,-30.92,-21.3 2	PASS
Band3 8	5MHz	16QAM	38225	1RB#0	-38.69,-28.31,-36.69,-46.2 7	PASS
Band3 8	5MHz	16QAM	38225	1RB#24	-14.53,-24.37,-40.99,-41.1 6	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	-24.08,-29.84,-37.86,-39.5 5	PASS
Band3 8	10MHz	QPSK	37800	1RB#0	-38.37,-37.52,-32.80,-22.3 0	PASS
Band3 8	10MHz	QPSK	37800	1RB#49	-34.99,-26.53,-43.56,-43.7 5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	-40.40,-33.86,-32.17,-29.4 3	PASS
Band3 8	10MHz	QPSK	38200	1RB#0	-44.98,-43.94,-31.31,-36.2 1	PASS
Band3 8	10MHz	QPSK	38200	1RB#49	-22.15,-33.34,-40.96,-43.1 6	PASS
Band3	10MHz	QPSK	38200	50RB#0	-26.89,-33.13,-34.24,-38.5	PASS

8					9	
Band3 8	10MHz	16QAM	37800	1RB#0	-38.52,-41.21,-34.13,-22.9 1	PASS
Band3 8	10MHz	16QAM	37800	1RB#49	-35.37,-28.18,-43.96,-43.9 7	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	-39.28,-35.01,-32.10,-27.3 0	PASS
Band3 8	10MHz	16QAM	38200	1RB#0	-45.26,-44.65,-32.69,-39.3 4	PASS
Band3 8	10MHz	16QAM	38200	1RB#49	-21.88,-32.83,-44.87,-45.9 7	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	-27.82,-33.34,-36.60,-38.9 0	PASS
Band3 8	15MHz	QPSK	37825	1RB#0	-38.76,-38.43,-34.33,-21.1 4	PASS
Band3 8	15MHz	QPSK	37825	1RB#74	-34.50,-26.54,-42.09,-44.0 8	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	-38.09,-33.35,-30.68,-26.2 9	PASS
Band3 8	15MHz	QPSK	38175	1RB#0	-44.19,-43.34,-31.11,-38.0 8	PASS
Band3 8	15MHz	QPSK	38175	1RB#74	-20.82,-34.73,-39.65,-43.6 0	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	-27.62,-30.58,-33.71,-40.2 2	PASS
Band3 8	15MHz	16QAM	37825	1RB#0	-39.51,-41.10,-32.23,-21.0 1	PASS
Band3 8	15MHz	16QAM	37825	1RB#74	-38.09,-28.07,-43.57,-44.1 7	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	-37.55,-33.41,-31.12,-29.4 7	PASS
Band3 8	15MHz	16QAM	38175	1RB#0	-43.63,-41.60,-30.81,-35.7 5	PASS
Band3 8	15MHz	16QAM	38175	1RB#74	-21.39,-33.53,-37.21,-43.4 4	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	-28.22,-31.54,-34.04,-38.3 6	PASS
Band3 8	20MHz	QPSK	37850	1RB#0	-43.27,-39.32,-33.89,-21.7 7	PASS
Band3 8	20MHz	QPSK	37850	1RB#99	-35.87,-29.35,-43.84,-43.9 1	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	-40.81,-33.96,-31.51,-29.2 1	PASS

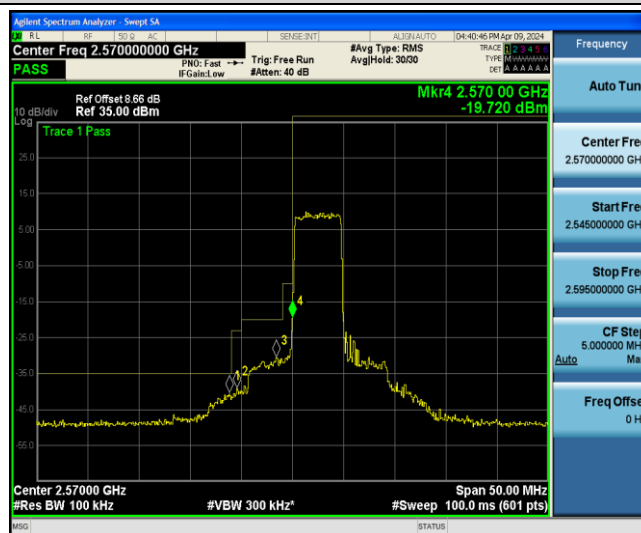
Band3 8	20MHz	QPSK	38150	1RB#0	-43.93,-44.02,-28.00,-39.7 7	PASS
Band3 8	20MHz	QPSK	38150	1RB#99	-23.04,-34.31,-41.78,-44.1 1	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	-29.27,-31.76,-34.13,-40.7 4	PASS
Band3 8	20MHz	16QAM	37850	1RB#0	-43.57,-40.19,-32.40,-23.4 9	PASS
Band3 8	20MHz	16QAM	37850	1RB#99	-35.24,-29.36,-43.56,-43.9 7	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	-39.98,-33.84,-31.28,-29.7 4	PASS
Band3 8	20MHz	16QAM	38150	1RB#0	-44.02,-43.65,-29.26,-39.7 1	PASS
Band3 8	20MHz	16QAM	38150	1RB#99	-24.02,-33.79,-41.20,-44.1 4	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	-30.74,-32.68,-34.82,-42.1 4	PASS

Test Graphs





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



Band38-5MHz-QPSK-38225-1RB#0



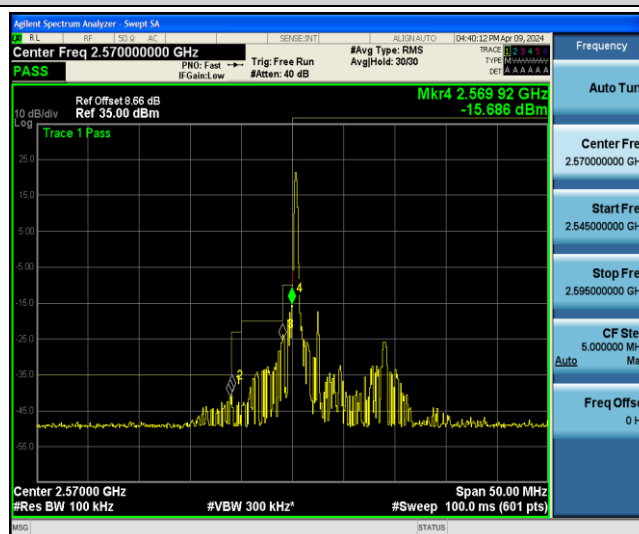
Band38-5MHz-QPSK-38225-1RB#24



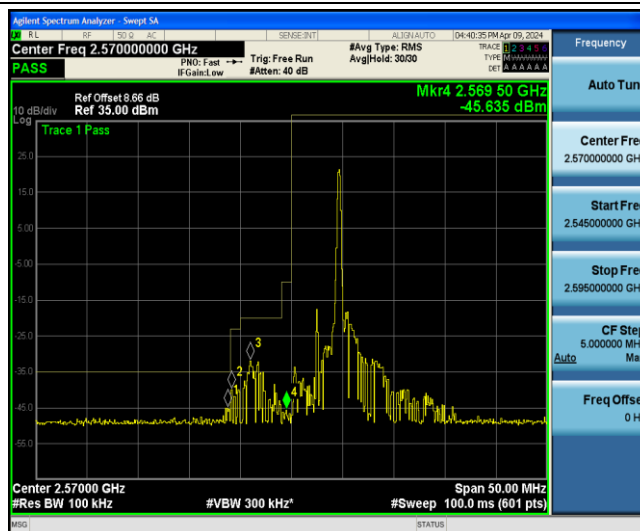
Band38-5MHz-QPSK-38225-25RB#0



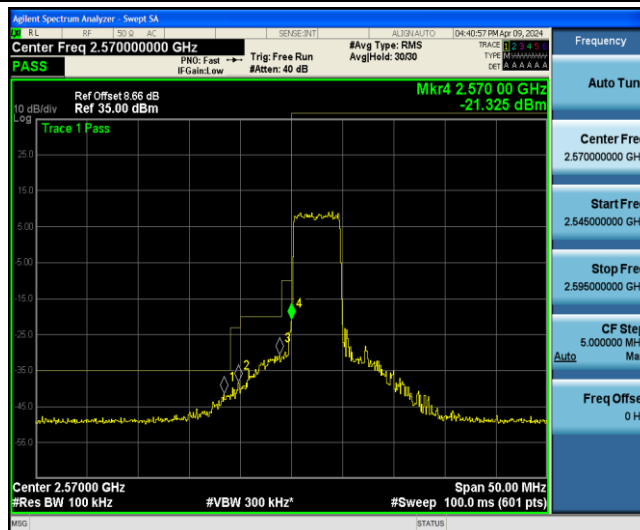
Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-1RB#24



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



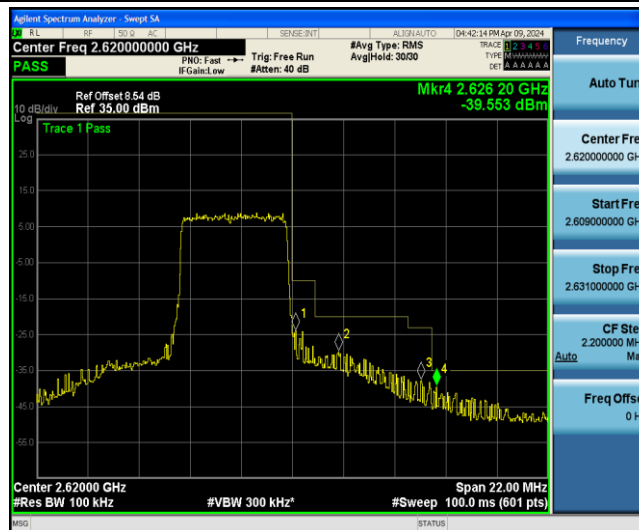
Band38-5MHz-16QAM-38225-1RB#0



Band38-5MHz-16QAM-38225-1RB#24



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



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



Band38-10MHz-QPSK-37800-1RB#49