Appendix K: Test Data for E-UTRA Band 38

Product Name: Volla Phone Quintus

Test Model: Quintus

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

K.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.09	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.23	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.25	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.12	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.12	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.14	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.10	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.10	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.09	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.09	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.08	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.08	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.08	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.24	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.97	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.55	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.74	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.53	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.56	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.78	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.78	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.78	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.77	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.77	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.77	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.77	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.05	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.16	PASS
Band38	5MHz	16QAM	38225	1RB#0	20.80	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.37	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.02	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.58	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.19	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.52	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.52	PASS

Band38	5MHz	QPSK	38225	12RB#6	20.51	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.51	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.56	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.56	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.56	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.68	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.40	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.89	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.60	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.08	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.75	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.21	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.38	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.38	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.38	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.38	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.61	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.61	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.58	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.71	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.31	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.61	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.93	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.28	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.64	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.04	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.21	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.22	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.22	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.22	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.92	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.95	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.16	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.26	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.48	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.37	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.74	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.64	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.12	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.90	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.82	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.81	PASS

Band38	10MHz	QPSK	38200	25RB#12	21.73	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.80	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.02	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.02	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.81	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.20	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.43	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.17	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.70	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.31	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.76	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.45	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.59	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.59	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.59	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.59	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.59	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.59	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.59	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.90	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.77	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.25	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.31	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.73	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.80	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.97	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.12	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.12	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.12	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.12	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.12	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.12	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.12	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.44	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.46	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.34	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.62	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.52	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.08	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.98	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.75	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.75	PASS

Band38	15MHz	QPSK	38175	38RB#18	21.75	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.75	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.75	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.75	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.75	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.01	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.06	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.41	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.40	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.75	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.29	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.65	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.60	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.98	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.60	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.98	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.66	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.97	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.62	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.90	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.69	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.83	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.03	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.34	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.64	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.77	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.44	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.62	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.46	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.63	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.77	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.09	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.14	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.44	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.63	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.69	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.52	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.50	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.12	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.04	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.53	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.72	PASS

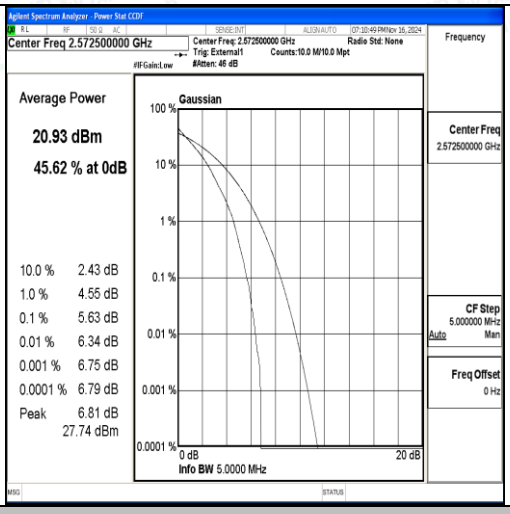
Band38	20MHz	QPSK	38150	50RB#25	21.53	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.72	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.92	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.06	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.69	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.02	PASS

K.2 Peak-to-Average Ratio(CCDF)

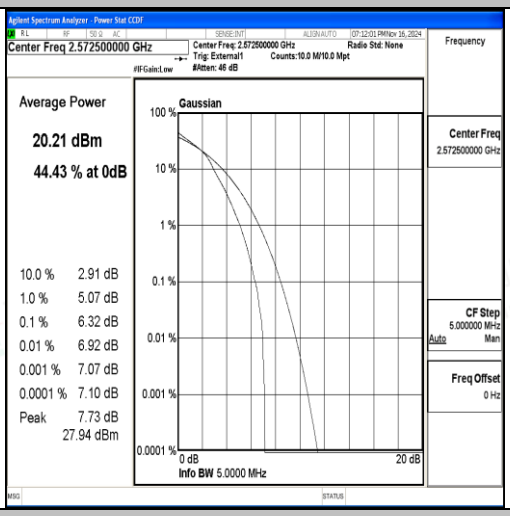
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.63	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.32	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.68	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.14	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.49	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.10	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.45	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.02	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.58	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.24	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.24	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	5.91	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.28	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.02	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.29	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.19	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.18	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	5.93	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.37	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.98	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.33	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.13	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.29	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.10	13	PASS

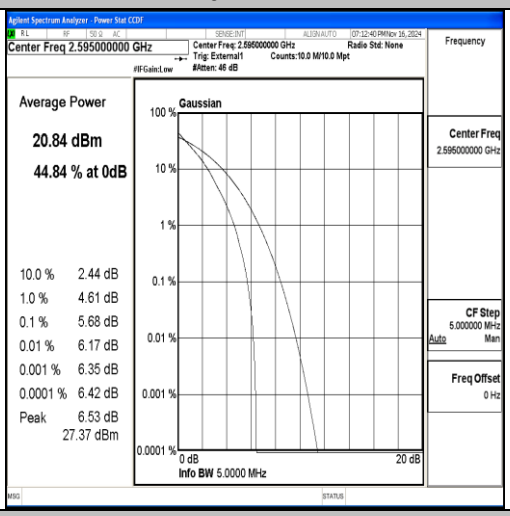
Test Graphs



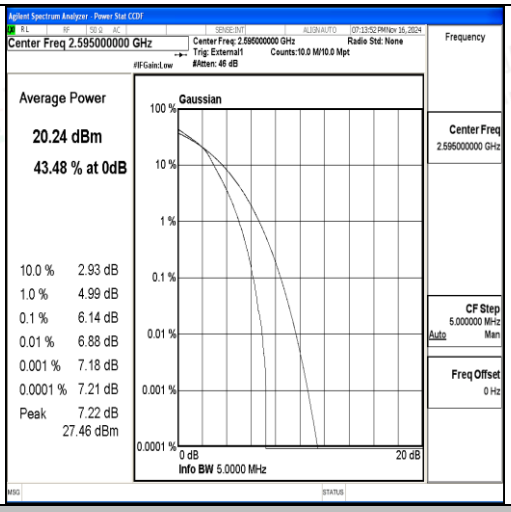
Band38-5MHz-QPSK-37775-25RB#0-PASS



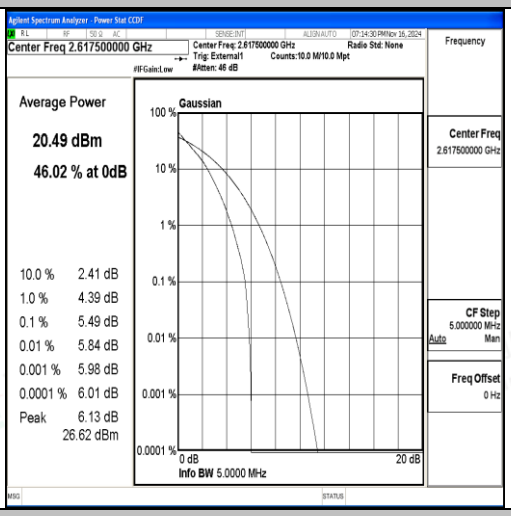
Band38-5MHz-16QAM-37775-25RB#0-PASS



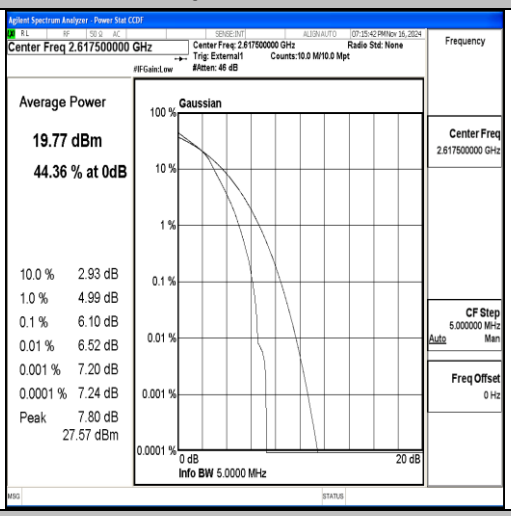
Band38-5MHz-QPSK-38000-25RB#0-PASS



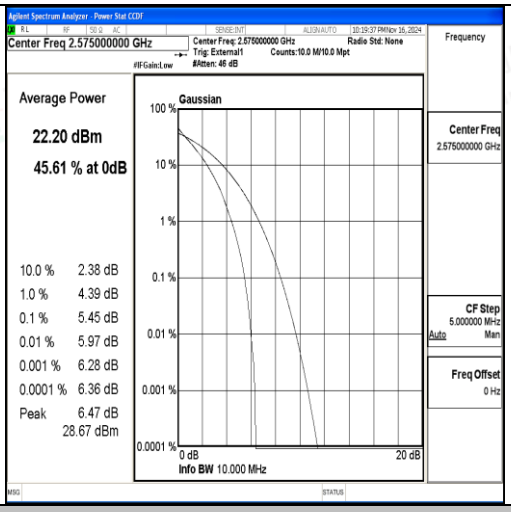
Band38-5MHz-16QAM-38000-25RB#0-PASS



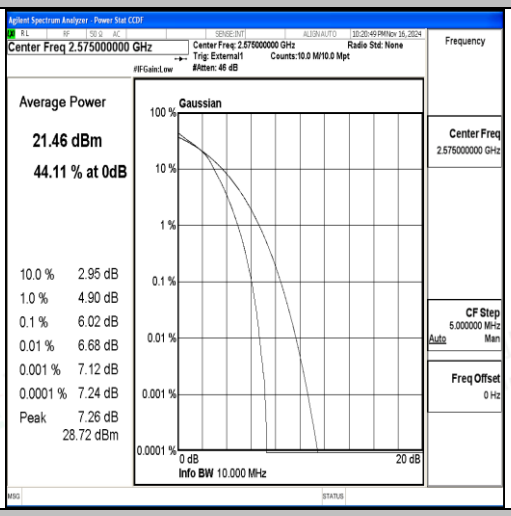
Band38-5MHz-QPSK-38225-25RB#0-PASS



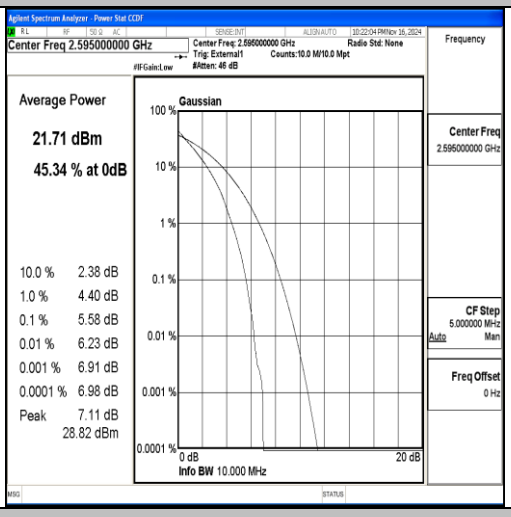
Band38-5MHz-16QAM-38225-25RB#0-PASS



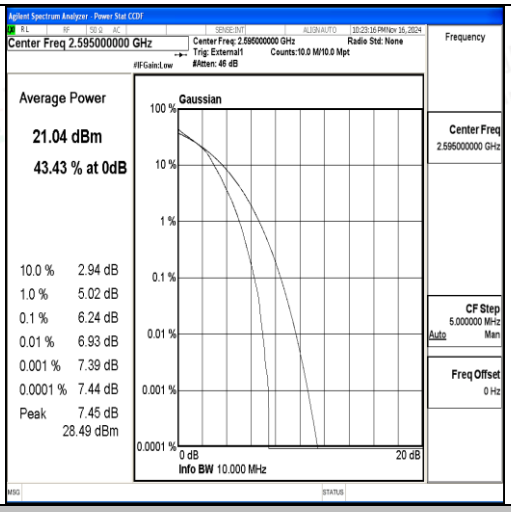
Band38-10MHz-QPSK-37800-50RB#0-PASS



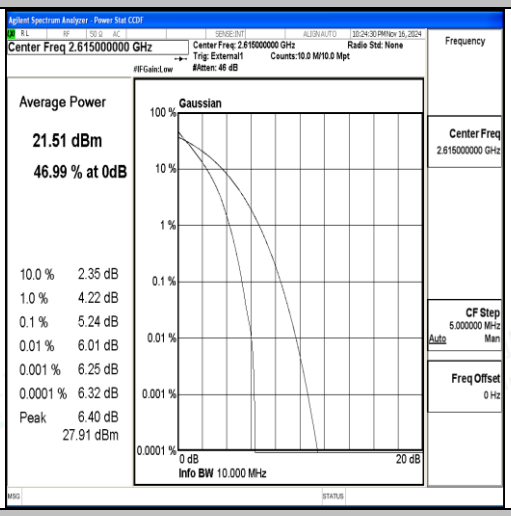
Band38-10MHz-16QAM-37800-50RB#0-PASS



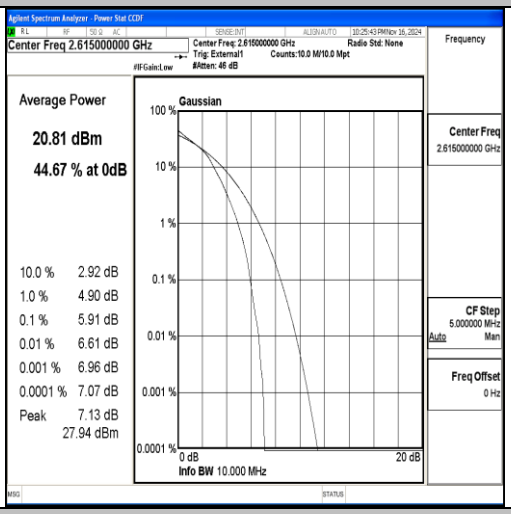
Band38-10MHz-QPSK-38000-50RB#0-PASS



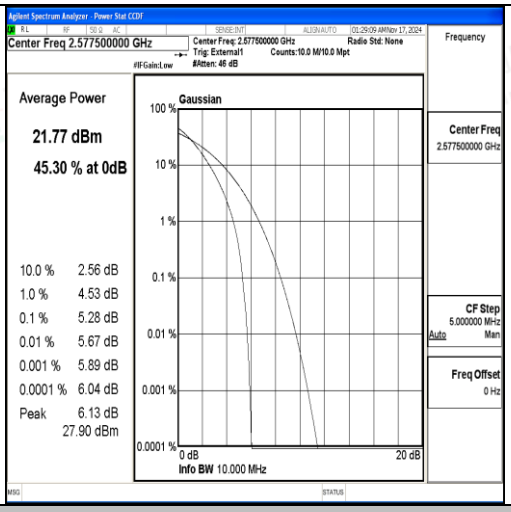
Band38-10MHz-16QAM-38000-50RB#0-PASS



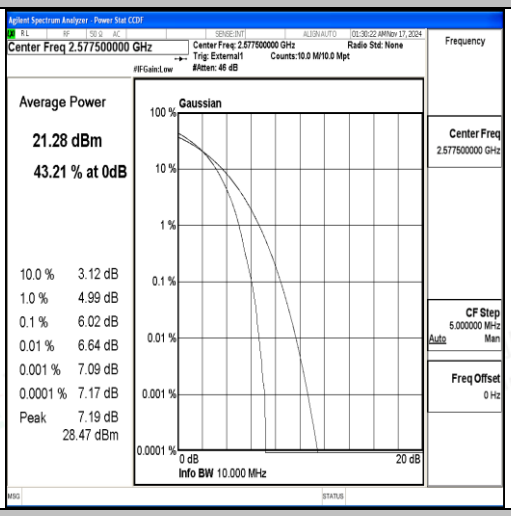
Band38-10MHz-QPSK-38200-50RB#0-PASS



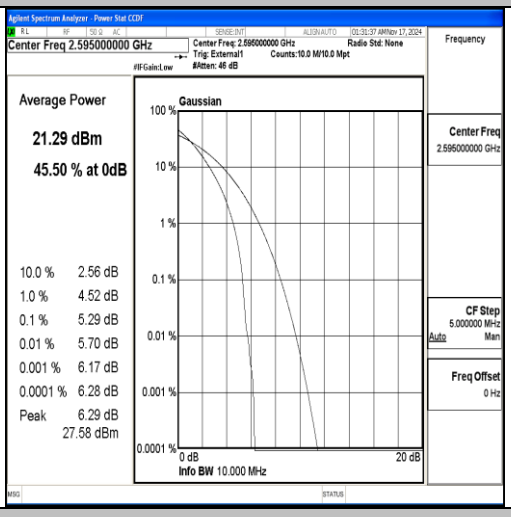
Band38-10MHz-16QAM-38200-50RB#0-PASS



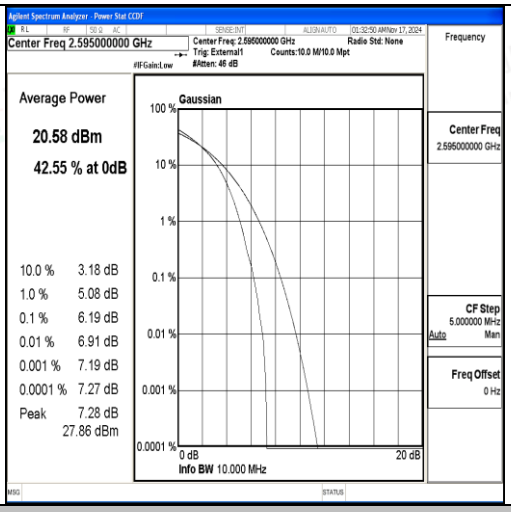
Band38-15MHz-QPSK-37825-75RB#0-PASS



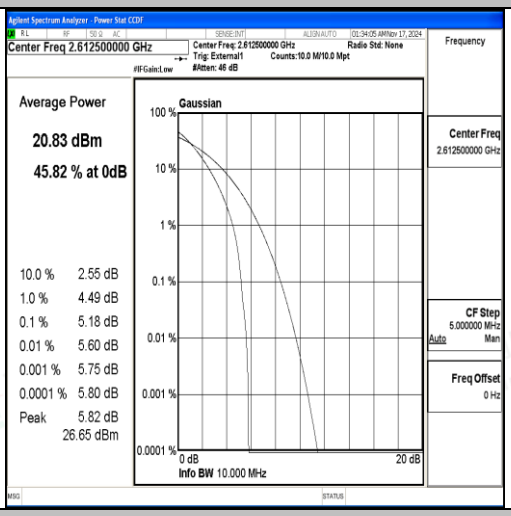
Band38-15MHz-16QAM-37825-75RB#0-PASS



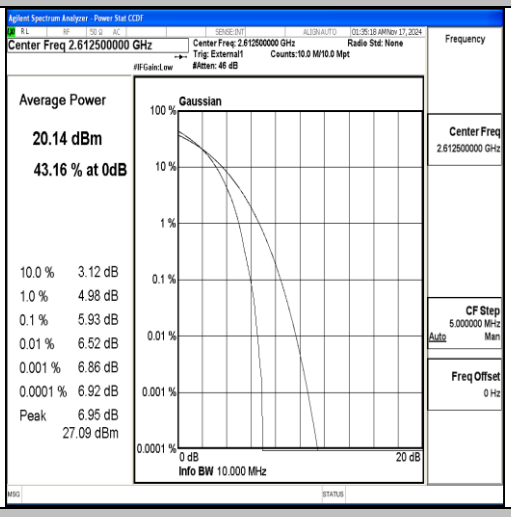
Band38-15MHz-QPSK-38000-75RB#0-PASS



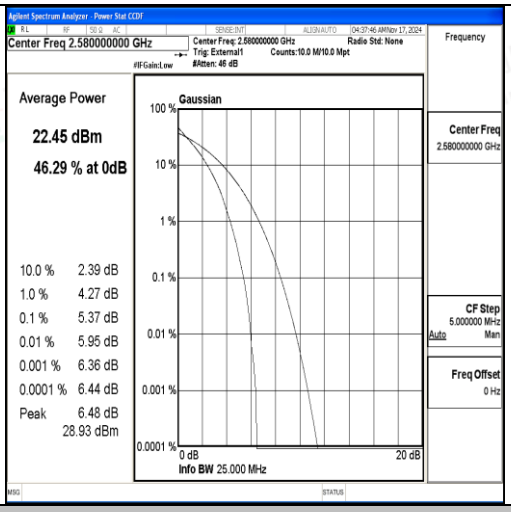
Band38-15MHz-16QAM-38000-75RB#0-PASS



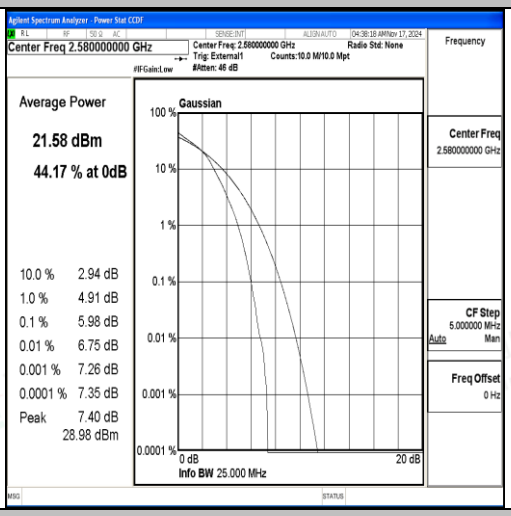
Band38-15MHz-QPSK-38175-75RB#0-PASS



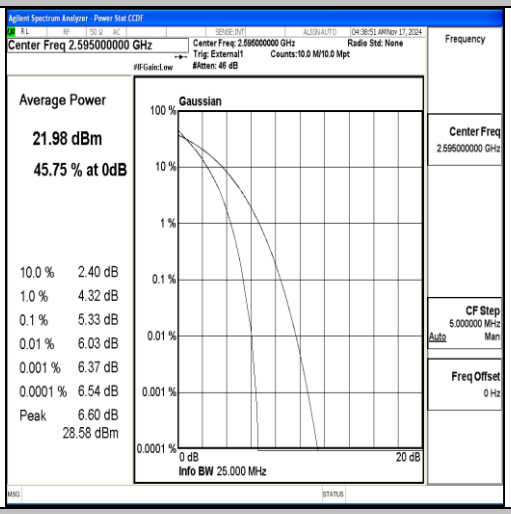
Band38-15MHz-16QAM-38175-75RB#0-PASS



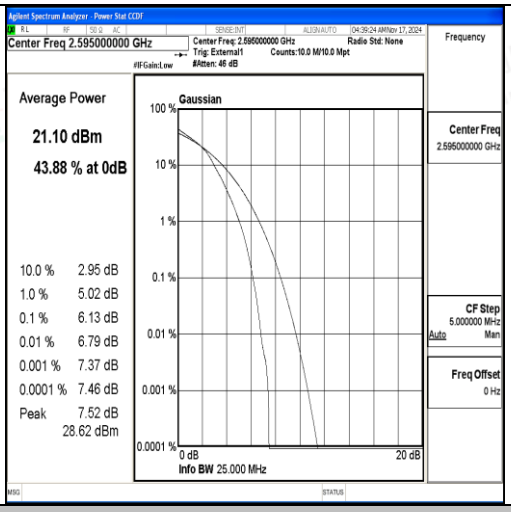
Band38-20MHz-QPSK-37850-100RB#0-PASS



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



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



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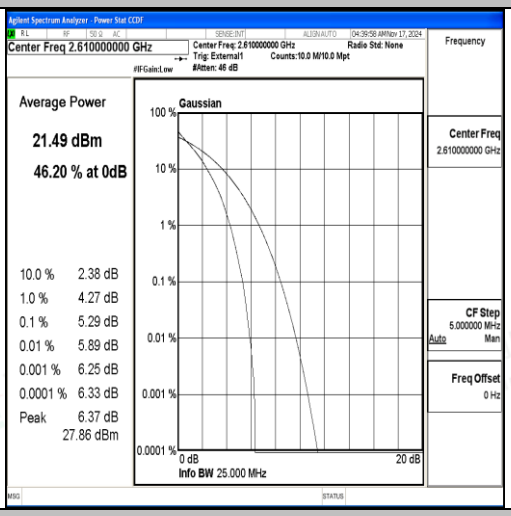
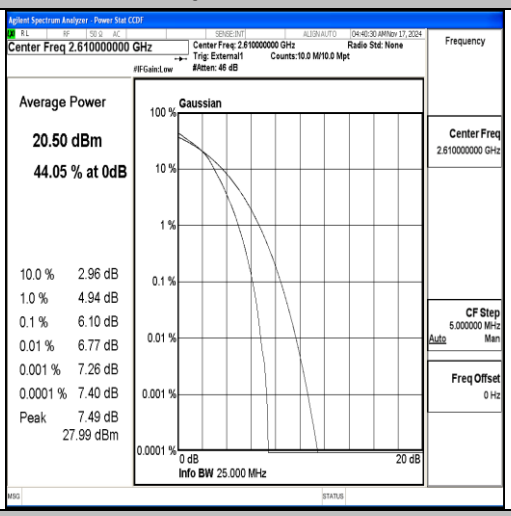


Band38-20MHz-QPSK-38150-100RB#0-PASS



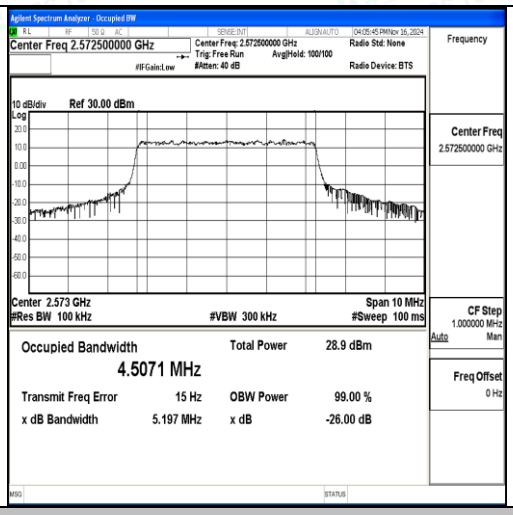
Band38-20MHz-16QAM-38150-100RB#0-PASS

K.3 26dB Bandwidth and Occupied Bandwidth

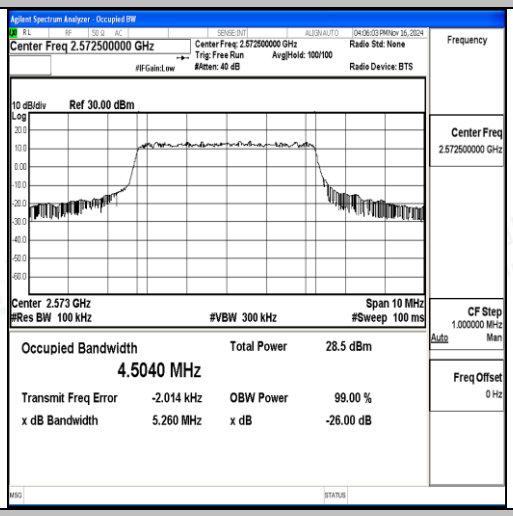
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5071	5.197	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5040	5.260	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5201	5.233	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5197	5.399	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4957	5.151	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5002	5.254	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0275	10.26	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9996	10.31	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9964	10.55	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9620	9.924	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9870	10.09	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9935	10.03	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.509	14.85	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.462	15.19	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.455	16.20	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.519	16.38	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.460	15.64	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.536	15.51	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.031	20.65	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.956	20.04	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.005	20.10	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.991	20.61	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.014	20.05	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.037	21.12	PASS

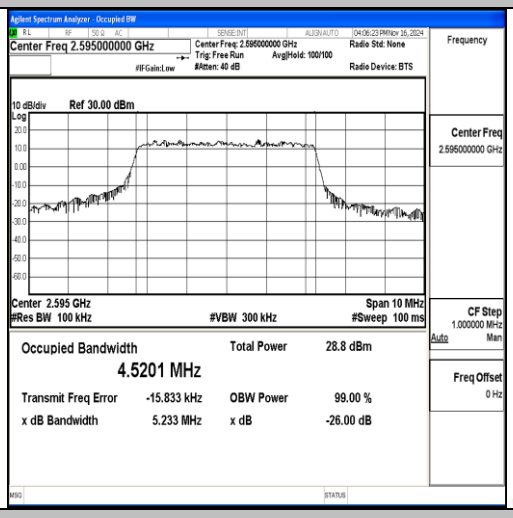
Test Graphs



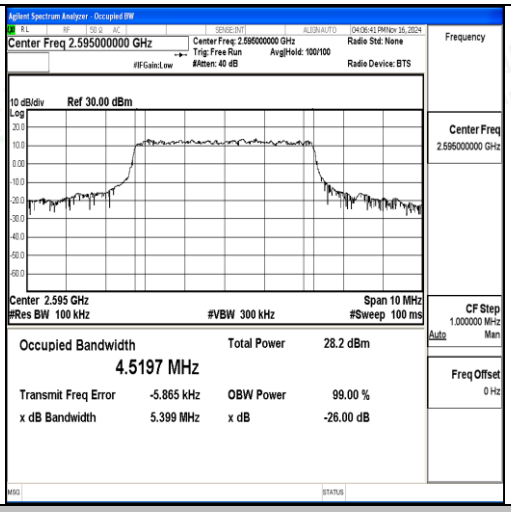
Band38-5MHz-QPSK-37775-25RB#0-PASS



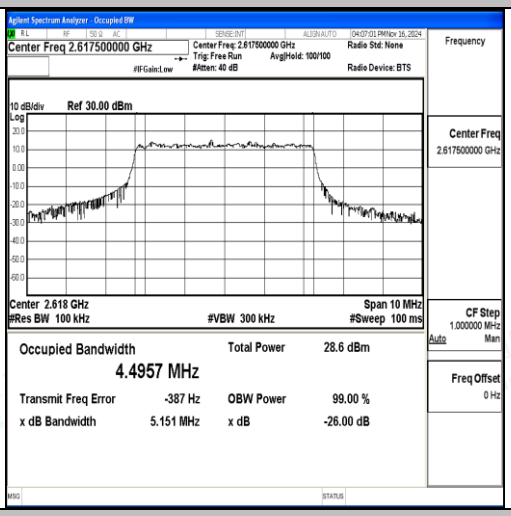
Band38-5MHz-16QAM-37775-25RB#0-PASS



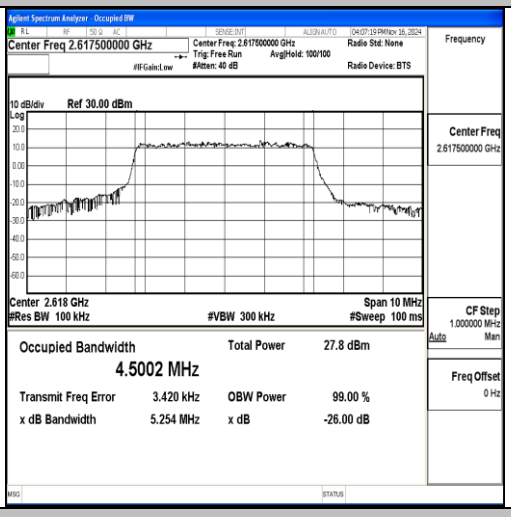
Band38-5MHz-QPSK-38000-25RB#0-PASS



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



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



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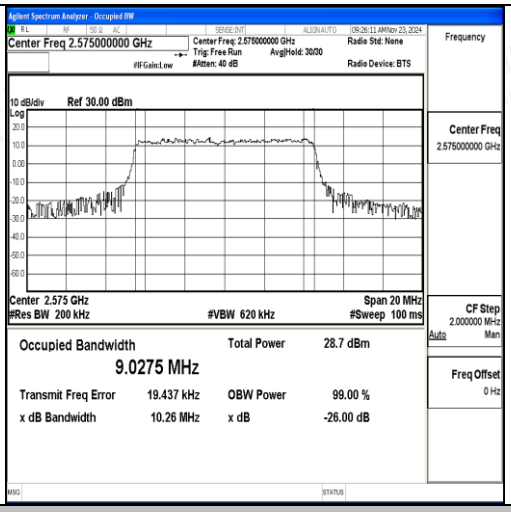
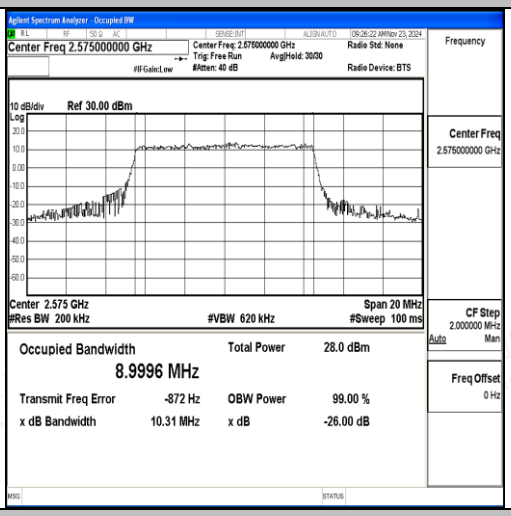
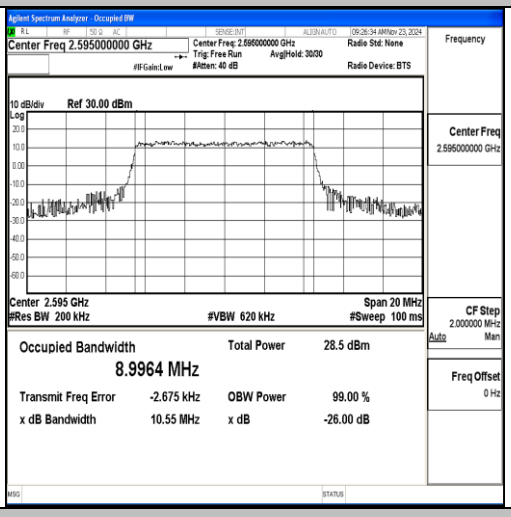


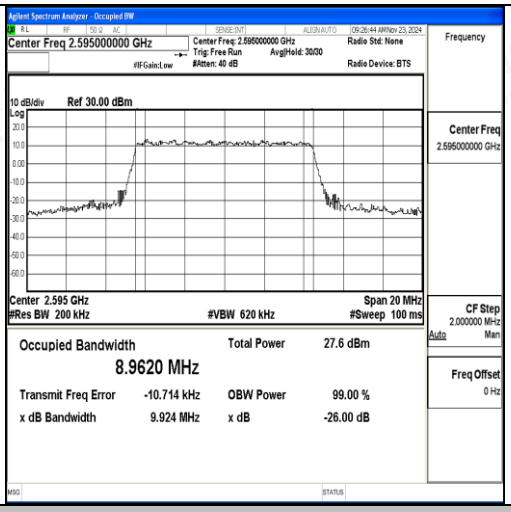
Band38-10MHz-QPSK-37800-50RB#0-PASS



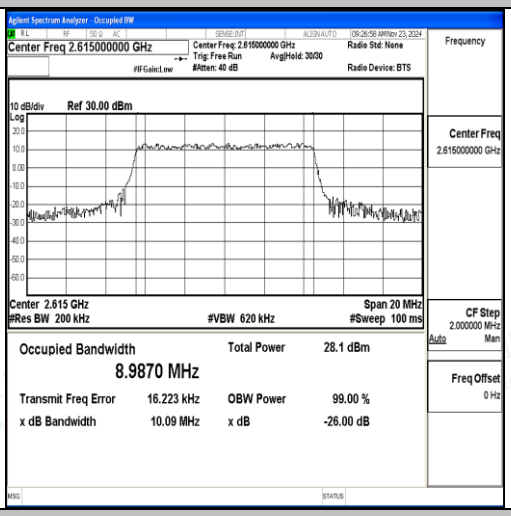
Band38-10MHz-16QAM-37800-50RB#0-PASS



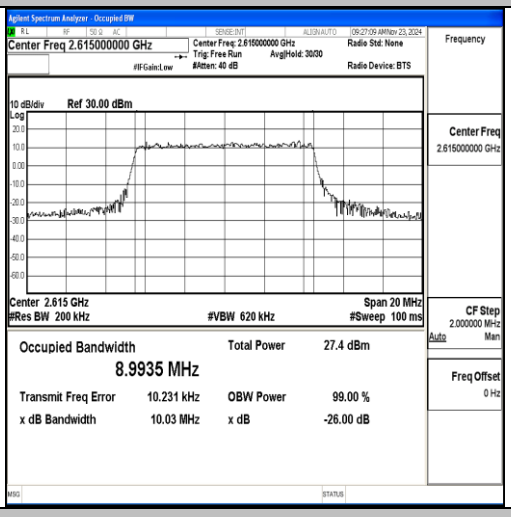
Band38-10MHz-QPSK-38000-50RB#0-PASS



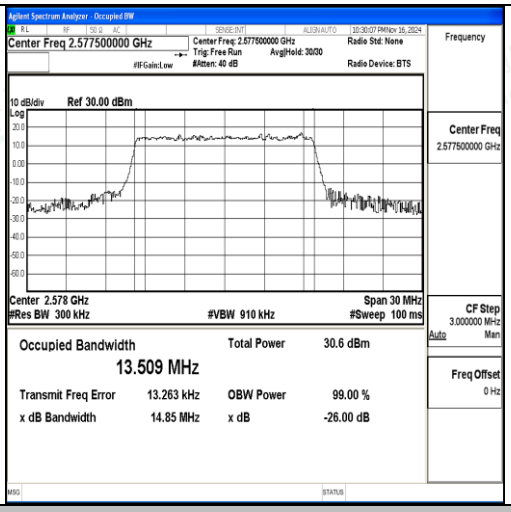
Band38-10MHz-16QAM-38000-50RB#0-PASS



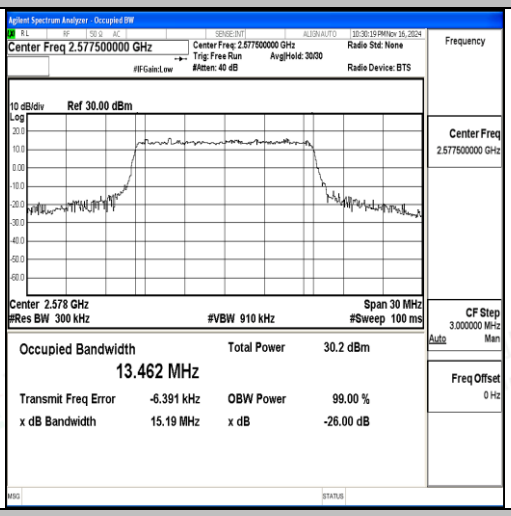
Band38-10MHz-QPSK-38200-50RB#0-PASS



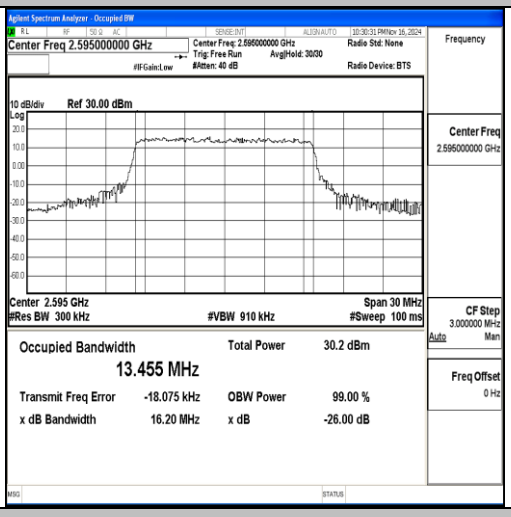
Band38-10MHz-16QAM-38200-50RB#0-PASS



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



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



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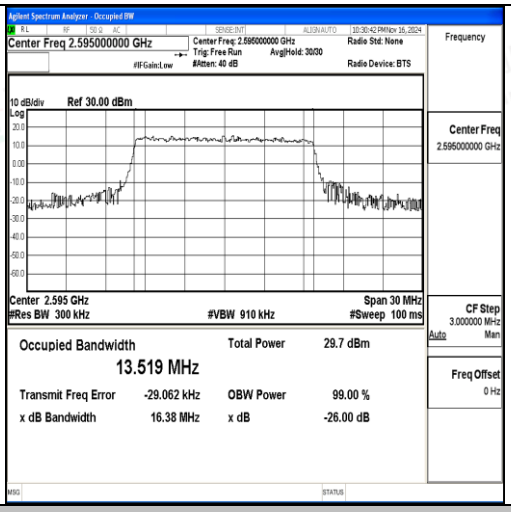

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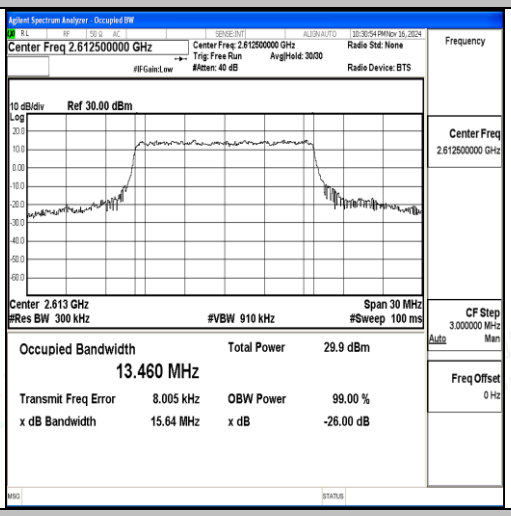
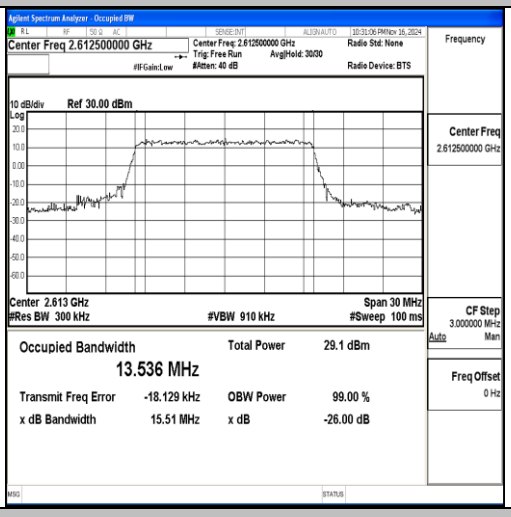
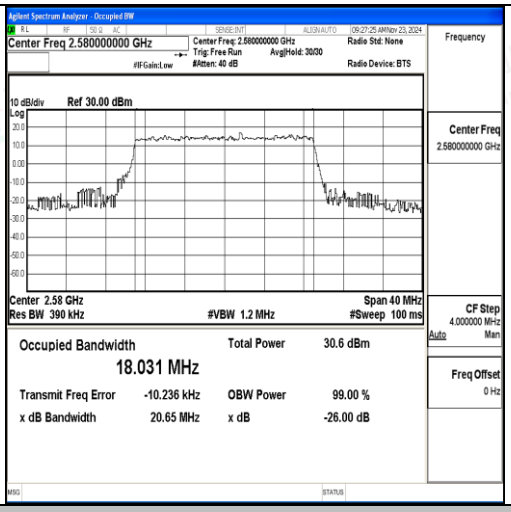


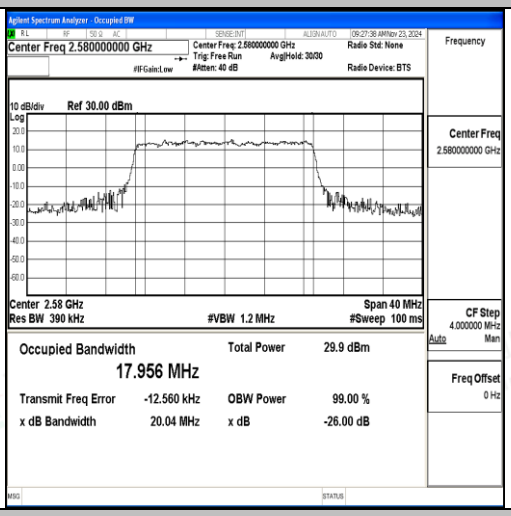
Band38-15MHz-QPSK-38175-75RB#0-PASS



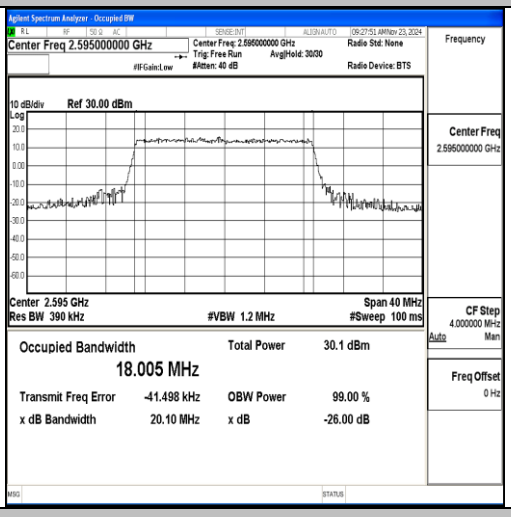
Band38-15MHz-16QAM-38175-75RB#0-PASS



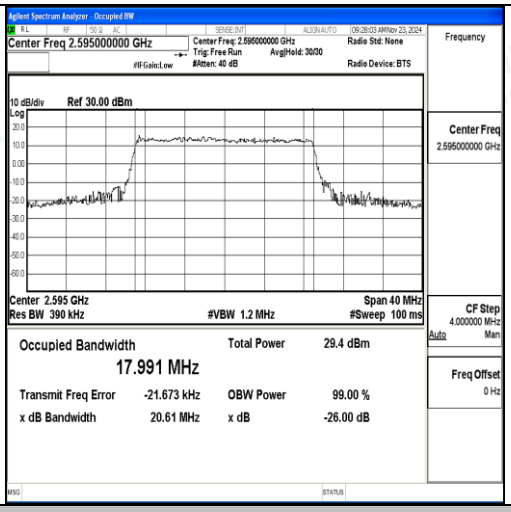
Band38-20MHz-QPSK-37850-100RB#0-PASS



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



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



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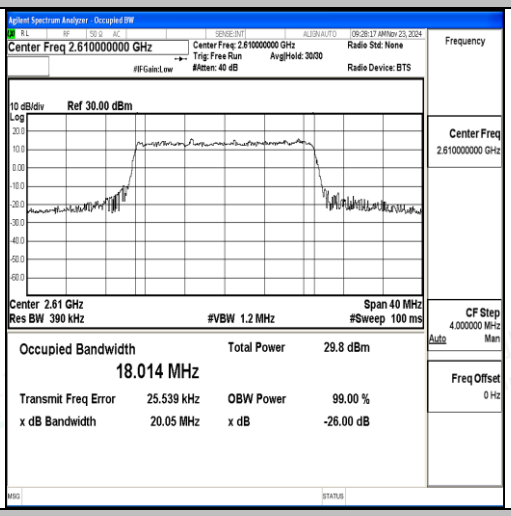
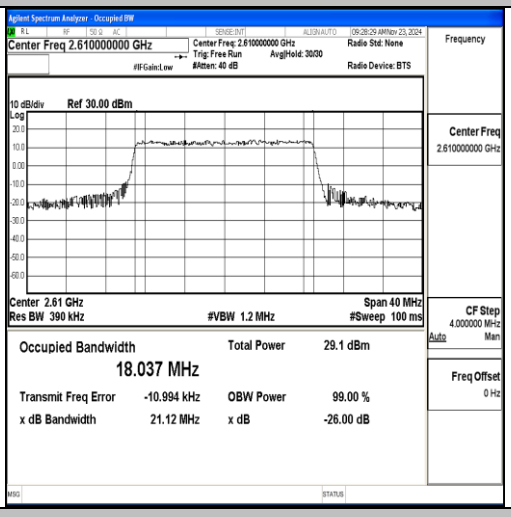


Band38-20MHz-QPSK-38150-100RB#0-PASS



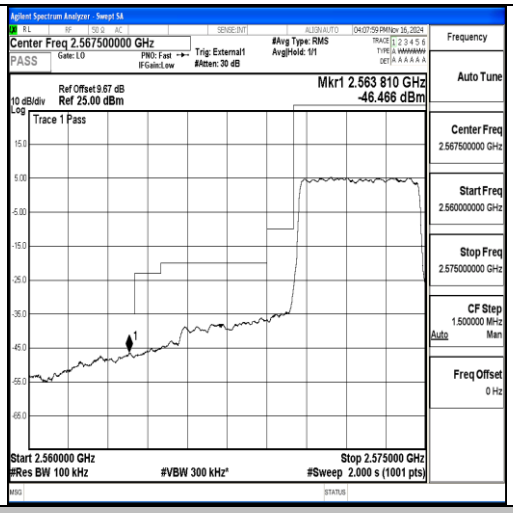
Band38-20MHz-16QAM-38150-100RB#0-PASS

K.4 Band Edge

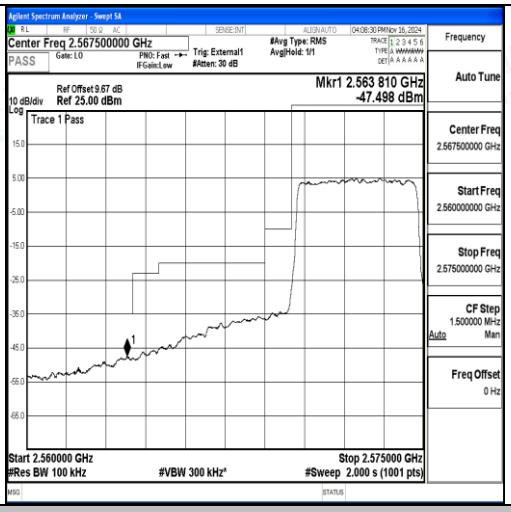
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	2563.81	-46.47	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.81	-47.50	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.22	-46.37	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.15	-47.86	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.93	-45.30	PASS
Band38	10MHz	16QAM	37800	50RB#0	2560.00	-44.75	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.13	-43.16	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.00	-43.99	PASS
Band38	15MHz	QPSK	37825	75RB#0	2554.69	-44.65	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.62	-44.41	PASS
Band38	15MHz	QPSK	38175	75RB#0	2636.12	-44.35	PASS
Band38	15MHz	16QAM	38175	75RB#0	2636.08	-44.75	PASS
Band38	20MHz	QPSK	37850	100RB#0	2550.00	-46.41	PASS
Band38	20MHz	16QAM	37850	100RB#0	2549.46	-47.09	PASS
Band38	20MHz	QPSK	38150	100RB#0	2640.01	-46.08	PASS
Band38	20MHz	16QAM	38150	100RB#0	2640.23	-46.27	PASS

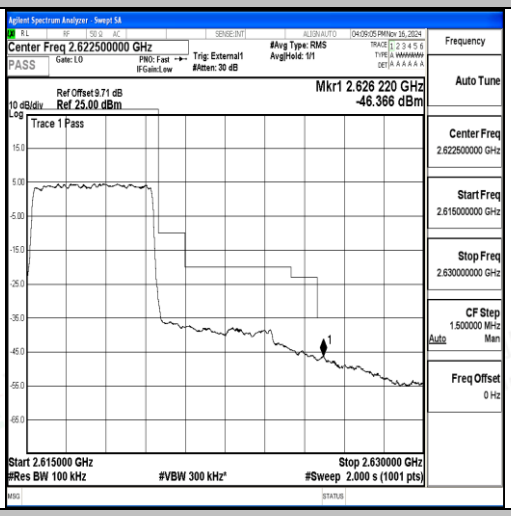
Test Graphs



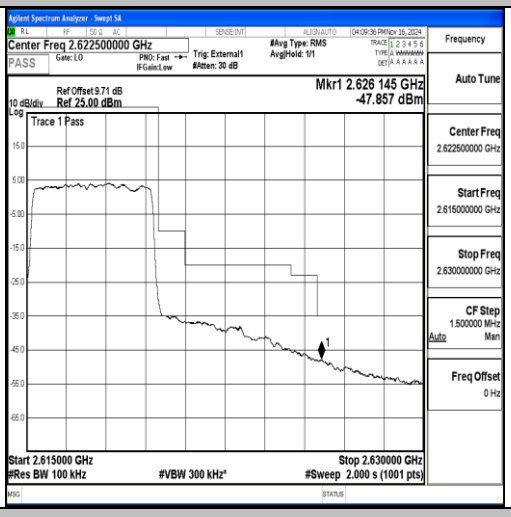
Band38-5MHz-QPSK-37775-25RB#0-PASS



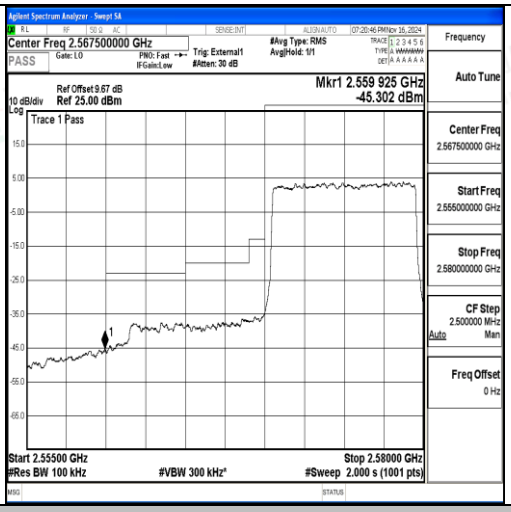
Band38-5MHz-16QAM-37775-25RB#0-PASS



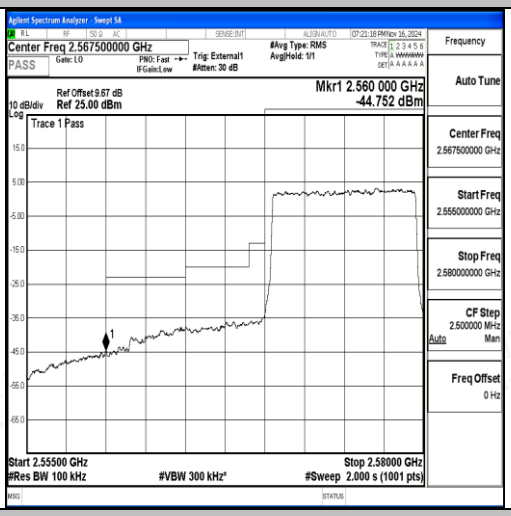
Band38-5MHz-QPSK-38225-25RB#0-PASS



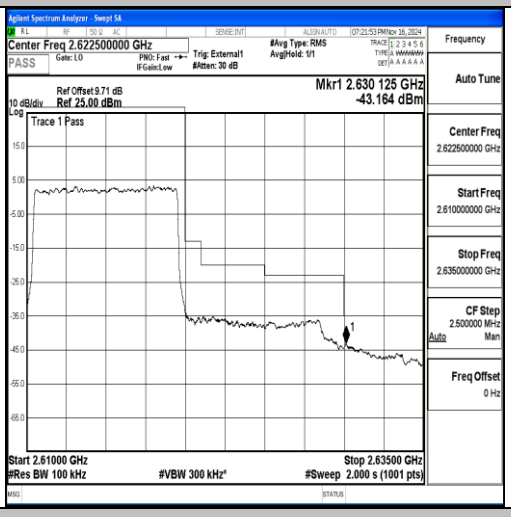
Band38-5MHz-16QAM-38225-25RB#0-PASS



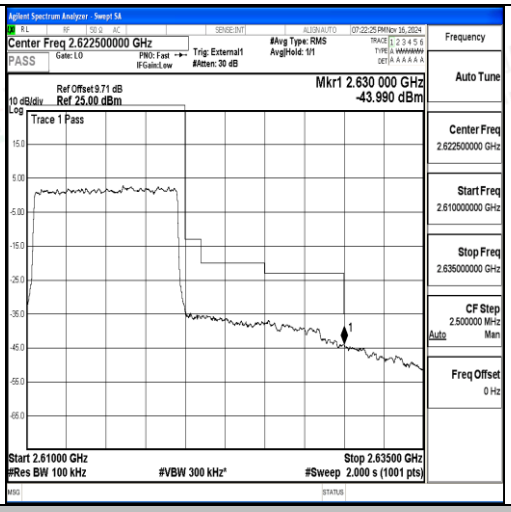
Band38-10MHz-QPSK-37800-50RB#0-PASS



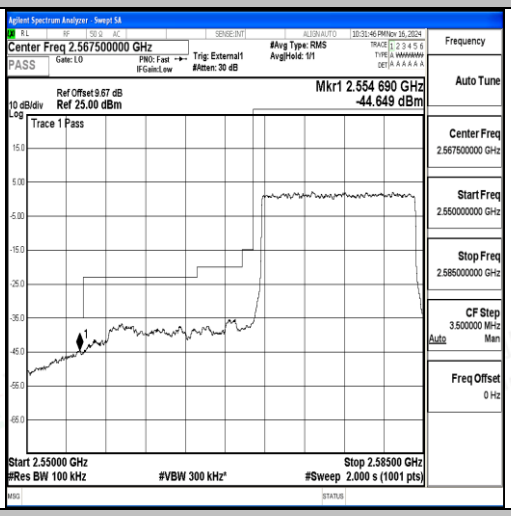
Band38-10MHz-16QAM-37800-50RB#0-PASS



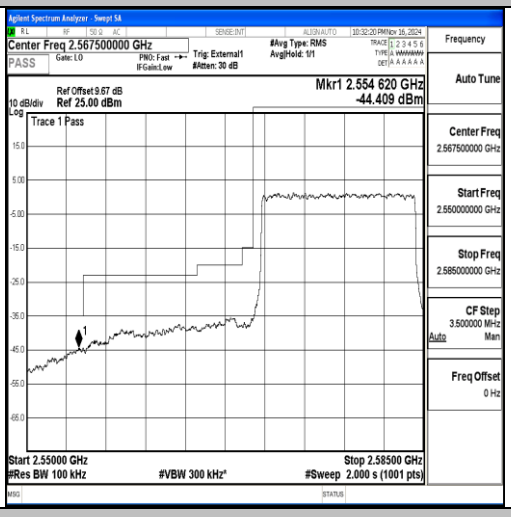
Band38-10MHz-QPSK-38200-50RB#0-PASS



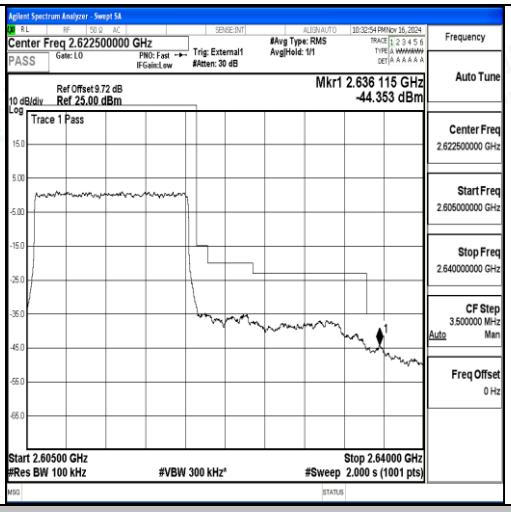
Band38-10MHz-16QAM-38200-50RB#0-PASS



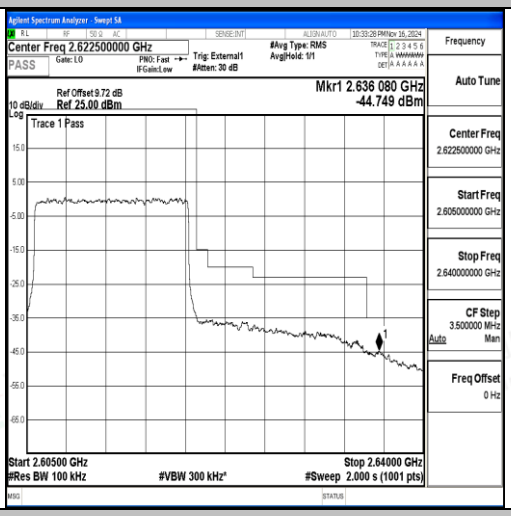
Band38-15MHz-QPSK-37825-75RB#0-PASS



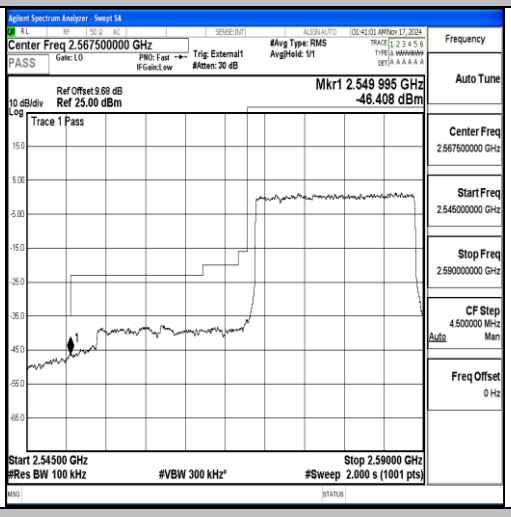
Band38-15MHz-16QAM-37825-75RB#0-PASS



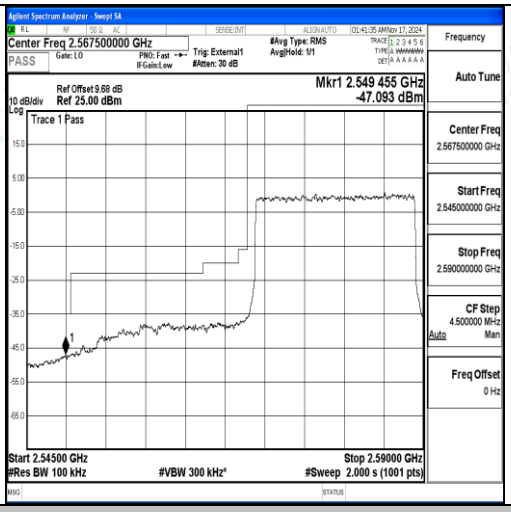
Band38-15MHz-QPSK-38175-75RB#0-PASS



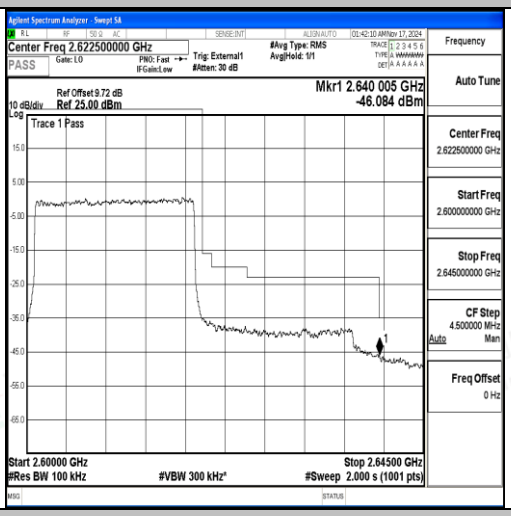
Band38-15MHz-16QAM-38175-75RB#0-PASS



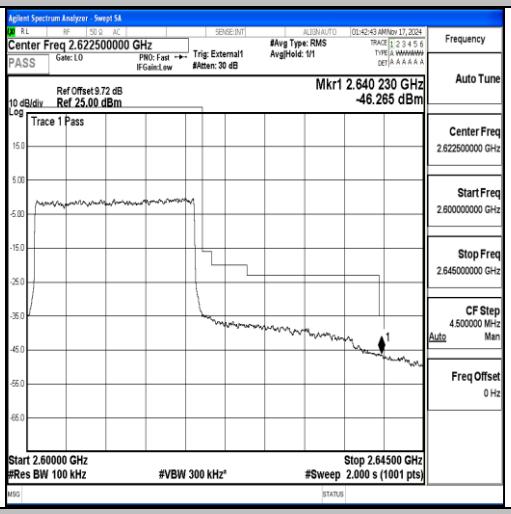
Band38-20MHz-QPSK-37850-100RB#0-PASS



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



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



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

K.5 Conducted Spurious Emission

Test Result

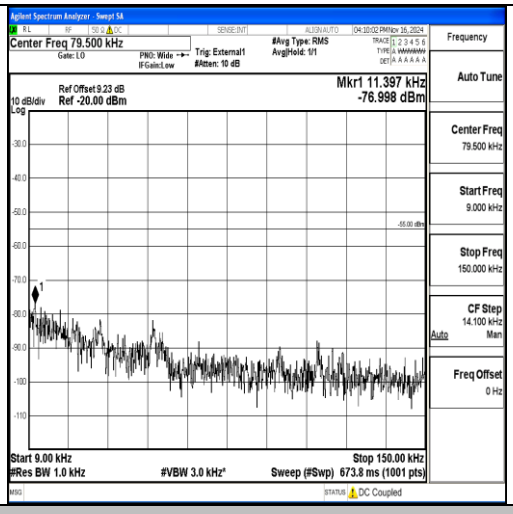
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	0.009~0.15	-77.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	0.15~30	-68.80	PASS
Band38	5MHz	QPSK	37775	25RB#0	30~1000	-60.73	PASS
Band38	5MHz	QPSK	37775	25RB#0	1000~3000	-41.58	PASS
Band38	5MHz	QPSK	37775	25RB#0	3000~18000	-43.13	PASS
Band38	5MHz	QPSK	37775	25RB#0	18000~27000	-39.02	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.009~0.15	-76.27	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.15~30	-68.86	PASS
Band38	5MHz	16QAM	37775	25RB#0	30~1000	-60.76	PASS
Band38	5MHz	16QAM	37775	25RB#0	1000~3000	-42.23	PASS
Band38	5MHz	16QAM	37775	25RB#0	3000~18000	-43.85	PASS
Band38	5MHz	16QAM	37775	25RB#0	18000~27000	-39.19	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.009~0.15	-75.34	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.15~30	-72.87	PASS
Band38	5MHz	QPSK	38000	25RB#0	30~1000	-60.60	PASS
Band38	5MHz	QPSK	38000	25RB#0	1000~3000	-40.20	PASS
Band38	5MHz	QPSK	38000	25RB#0	3000~18000	-43.57	PASS
Band38	5MHz	QPSK	38000	25RB#0	18000~27000	-39.03	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.009~0.15	-76.55	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.15~30	-72.88	PASS
Band38	5MHz	16QAM	38000	25RB#0	30~1000	-61.03	PASS
Band38	5MHz	16QAM	38000	25RB#0	1000~3000	-41.03	PASS
Band38	5MHz	16QAM	38000	25RB#0	3000~18000	-43.66	PASS
Band38	5MHz	16QAM	38000	25RB#0	18000~27000	-39.27	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.009~0.15	-75.11	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.15~30	-69.81	PASS
Band38	5MHz	QPSK	38225	25RB#0	30~1000	-60.36	PASS
Band38	5MHz	QPSK	38225	25RB#0	1000~3000	-40.29	PASS
Band38	5MHz	QPSK	38225	25RB#0	3000~18000	-43.67	PASS
Band38	5MHz	QPSK	38225	25RB#0	18000~27000	-39.36	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.009~0.15	-75.23	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.15~30	-73.28	PASS
Band38	5MHz	16QAM	38225	25RB#0	30~1000	-60.79	PASS
Band38	5MHz	16QAM	38225	25RB#0	1000~3000	-41.70	PASS
Band38	5MHz	16QAM	38225	25RB#0	3000~18000	-43.64	PASS
Band38	5MHz	16QAM	38225	25RB#0	18000~27000	-39.11	PASS

Band38	10MHz	QPSK	37800	50RB#0	0.009~0.15	-75.25	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.15~30	-69.49	PASS
Band38	10MHz	QPSK	37800	50RB#0	30~1000	-60.04	PASS
Band38	10MHz	QPSK	37800	50RB#0	1000~3000	-42.35	PASS
Band38	10MHz	QPSK	37800	50RB#0	3000~18000	-43.45	PASS
Band38	10MHz	QPSK	37800	50RB#0	18000~27000	-38.99	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.009~0.15	-73.73	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.15~30	-69.61	PASS
Band38	10MHz	16QAM	37800	50RB#0	30~1000	-59.82	PASS
Band38	10MHz	16QAM	37800	50RB#0	1000~3000	-43.43	PASS
Band38	10MHz	16QAM	37800	50RB#0	3000~18000	-43.54	PASS
Band38	10MHz	16QAM	37800	50RB#0	18000~27000	-39.20	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.009~0.15	-77.16	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.15~30	-73.48	PASS
Band38	10MHz	QPSK	38000	50RB#0	30~1000	-60.17	PASS
Band38	10MHz	QPSK	38000	50RB#0	1000~3000	-41.95	PASS
Band38	10MHz	QPSK	38000	50RB#0	3000~18000	-43.80	PASS
Band38	10MHz	QPSK	38000	50RB#0	18000~27000	-39.17	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.009~0.15	-75.27	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.15~30	-73.76	PASS
Band38	10MHz	16QAM	38000	50RB#0	30~1000	-59.83	PASS
Band38	10MHz	16QAM	38000	50RB#0	1000~3000	-43.01	PASS
Band38	10MHz	16QAM	38000	50RB#0	3000~18000	-43.72	PASS
Band38	10MHz	16QAM	38000	50RB#0	18000~27000	-38.82	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.009~0.15	-74.99	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.15~30	-74.39	PASS
Band38	10MHz	QPSK	38200	50RB#0	30~1000	-59.91	PASS
Band38	10MHz	QPSK	38200	50RB#0	1000~3000	-41.70	PASS
Band38	10MHz	QPSK	38200	50RB#0	3000~18000	-43.82	PASS
Band38	10MHz	QPSK	38200	50RB#0	18000~27000	-39.24	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.009~0.15	-77.44	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.15~30	-73.22	PASS
Band38	10MHz	16QAM	38200	50RB#0	30~1000	-59.78	PASS
Band38	10MHz	16QAM	38200	50RB#0	1000~3000	-43.30	PASS
Band38	10MHz	16QAM	38200	50RB#0	3000~18000	-43.64	PASS
Band38	10MHz	16QAM	38200	50RB#0	18000~27000	-38.74	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.009~0.15	-75.20	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.15~30	-70.20	PASS
Band38	15MHz	QPSK	37825	75RB#0	30~1000	-59.87	PASS
Band38	15MHz	QPSK	37825	75RB#0	1000~3000	-43.09	PASS
Band38	15MHz	QPSK	37825	75RB#0	3000~18000	-43.36	PASS
Band38	15MHz	QPSK	37825	75RB#0	18000~27000	-39.22	PASS

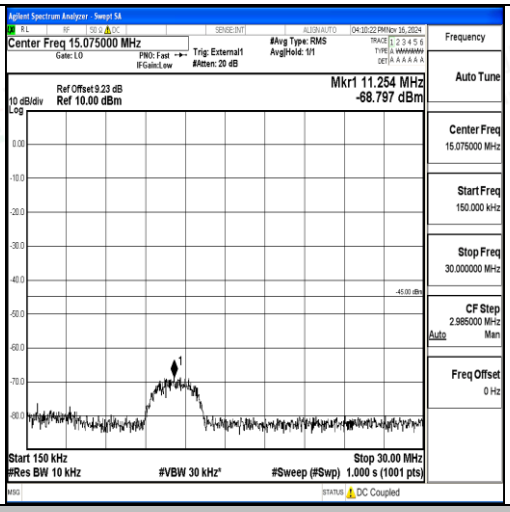
Band38	15MHz	16QAM	37825	75RB#0	0.009~0.15	-74.40	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.15~30	-70.02	PASS
Band38	15MHz	16QAM	37825	75RB#0	30~1000	-59.87	PASS
Band38	15MHz	16QAM	37825	75RB#0	1000~3000	-43.29	PASS
Band38	15MHz	16QAM	37825	75RB#0	3000~18000	-43.38	PASS
Band38	15MHz	16QAM	37825	75RB#0	18000~27000	-39.21	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.009~0.15	-76.36	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.15~30	-72.10	PASS
Band38	15MHz	QPSK	38000	75RB#0	30~1000	-60.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	1000~3000	-42.08	PASS
Band38	15MHz	QPSK	38000	75RB#0	3000~18000	-43.34	PASS
Band38	15MHz	QPSK	38000	75RB#0	18000~27000	-38.96	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.009~0.15	-75.48	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.15~30	-72.94	PASS
Band38	15MHz	16QAM	38000	75RB#0	30~1000	-59.87	PASS
Band38	15MHz	16QAM	38000	75RB#0	1000~3000	-42.66	PASS
Band38	15MHz	16QAM	38000	75RB#0	3000~18000	-43.49	PASS
Band38	15MHz	16QAM	38000	75RB#0	18000~27000	-39.12	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.009~0.15	-76.61	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.15~30	-73.95	PASS
Band38	15MHz	QPSK	38175	75RB#0	30~1000	-59.65	PASS
Band38	15MHz	QPSK	38175	75RB#0	1000~3000	-42.71	PASS
Band38	15MHz	QPSK	38175	75RB#0	3000~18000	-43.51	PASS
Band38	15MHz	QPSK	38175	75RB#0	18000~27000	-39.05	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.009~0.15	-78.48	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.15~30	-71.36	PASS
Band38	15MHz	16QAM	38175	75RB#0	30~1000	-59.80	PASS
Band38	15MHz	16QAM	38175	75RB#0	1000~3000	-43.06	PASS
Band38	15MHz	16QAM	38175	75RB#0	3000~18000	-43.60	PASS
Band38	15MHz	16QAM	38175	75RB#0	18000~27000	-38.99	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.009~0.15	-75.26	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.15~30	-69.93	PASS
Band38	20MHz	QPSK	37850	100RB#0	30~1000	-59.85	PASS
Band38	20MHz	QPSK	37850	100RB#0	1000~3000	-43.61	PASS
Band38	20MHz	QPSK	37850	100RB#0	3000~18000	-43.33	PASS
Band38	20MHz	QPSK	37850	100RB#0	18000~27000	-39.32	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.009~0.15	-74.18	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.15~30	-70.73	PASS
Band38	20MHz	16QAM	37850	100RB#0	30~1000	-59.72	PASS
Band38	20MHz	16QAM	37850	100RB#0	1000~3000	-44.13	PASS
Band38	20MHz	16QAM	37850	100RB#0	3000~18000	-43.68	PASS
Band38	20MHz	16QAM	37850	100RB#0	18000~27000	-39.05	PASS

Band38	20MHz	QPSK	38000	100RB#0	0.009~0.15	-77.30	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.15~30	-72.47	PASS
Band38	20MHz	QPSK	38000	100RB#0	30~1000	-60.01	PASS
Band38	20MHz	QPSK	38000	100RB#0	1000~3000	-41.63	PASS
Band38	20MHz	QPSK	38000	100RB#0	3000~18000	-43.59	PASS
Band38	20MHz	QPSK	38000	100RB#0	18000~27000	-38.91	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.009~0.15	-74.87	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.15~30	-71.15	PASS
Band38	20MHz	16QAM	38000	100RB#0	30~1000	-59.54	PASS
Band38	20MHz	16QAM	38000	100RB#0	1000~3000	-43.51	PASS
Band38	20MHz	16QAM	38000	100RB#0	3000~18000	-43.43	PASS
Band38	20MHz	16QAM	38000	100RB#0	18000~27000	-38.87	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.009~0.15	-75.48	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.15~30	-70.38	PASS
Band38	20MHz	QPSK	38150	100RB#0	30~1000	-60.14	PASS
Band38	20MHz	QPSK	38150	100RB#0	1000~3000	-43.67	PASS
Band38	20MHz	QPSK	38150	100RB#0	3000~18000	-43.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	18000~27000	-39.10	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.009~0.15	-77.16	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.15~30	-73.43	PASS
Band38	20MHz	16QAM	38150	100RB#0	30~1000	-59.76	PASS
Band38	20MHz	16QAM	38150	100RB#0	1000~3000	-43.98	PASS
Band38	20MHz	16QAM	38150	100RB#0	3000~18000	-43.62	PASS
Band38	20MHz	16QAM	38150	100RB#0	18000~27000	-39.11	PASS

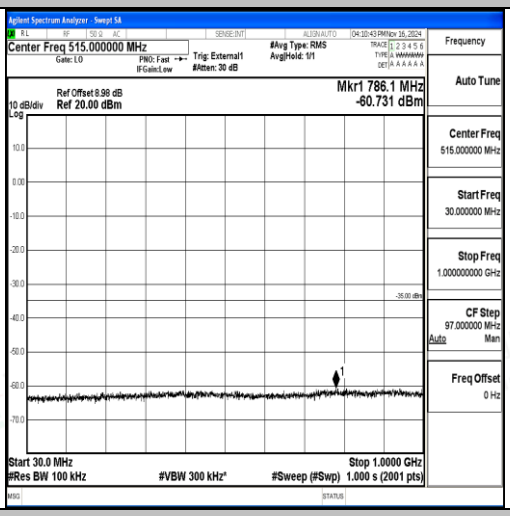
Test Graphs



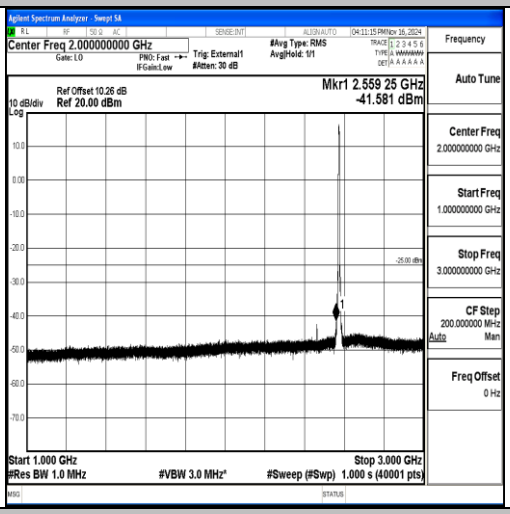
Band38-5MHz-QPSK-37775-25RB#0-0.009~0.15-PASS



Band38-5MHz-QPSK-37775-25RB#0-0.15~30-PASS



Band38-5MHz-QPSK-37775-25RB#0-30~1000-PASS



Band38-5MHz-QPSK-37775-25RB#0-1000~3000-PASS