Appendix J: Test Data for E-UTRA Band 38

Product Name: Tablet PC

Test Model: IRA T1015

Environmental Conditions

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

J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	23.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.17	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.89	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.28	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.63	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.91	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.84	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.13	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.05	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.69	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.84	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.97	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.12	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.98	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.11	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.75	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.87	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.01	PASS
Band38	5MHz	QPSK	37775	1RB#0	23.85	PASS
Band38	5MHz	16QAM	37775	1RB#0	27.93	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.90	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.29	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.29	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.02	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.13	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.79	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.82	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.43	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.83	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.93	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.81	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.98	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.78	PASS

Band38	5MHz	16QAM	37775	12RB#13	21.92	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.03	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.20	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.03	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.24	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.95	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.38	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.08	PASS
Band38	5MHz	16QAM	38000	12RB#0	22.14	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.07	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.13	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.03	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.05	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.56	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.18	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.66	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.15	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.58	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.07	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.64	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.74	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.65	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.73	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.61	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.67	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.96	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.25	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.03	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.17	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.08	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.18	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.93	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.14	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.93	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.13	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.95	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.07	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.93	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.94	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.99	PASS

Band38	10MHz	16QAM	38000	1RB#24	22.92	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.95	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.83	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.09	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.35	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.93	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.34	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.94	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.31	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.83	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.29	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.77	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.35	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.76	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.25	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.60	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.82	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.62	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.83	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.61	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.78	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.18	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.37	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.15	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.29	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.20	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.42	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.97	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.97	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.96	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.96	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.97	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.97	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.16	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.66	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.08	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.77	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.03	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.98	PASS

Band38	15MHz	16QAM	38000	38RB#0	22.97	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.98	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.98	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.98	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.98	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.89	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.51	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.85	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.27	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.78	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.27	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.62	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.61	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.77	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.77	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.77	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.75	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.82	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.28	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.95	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.39	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.92	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.15	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.03	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.37	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.05	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.31	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.98	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.31	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.19	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.56	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.13	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.49	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.91	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.32	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.08	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.23	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.93	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.20	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.96	PASS

Band38	20MHz	16QAM	38000	50RB#50	22.11	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.91	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.37	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.88	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.14	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.82	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.06	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.93	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.92	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.79	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.89	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.65	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.88	PASS

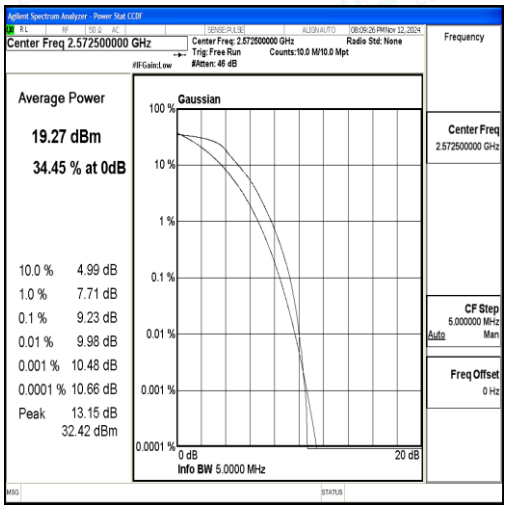
J.2 Peak-to-Average Ratio(CCDF)

Test Result

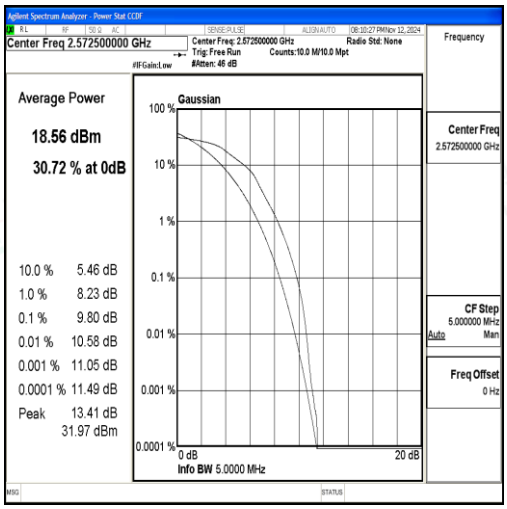
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	9.23	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.80	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.16	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.93	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.23	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.98	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.34	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.82	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.51	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.02	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.90	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.47	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	10.01	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.40	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.21	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.77	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	10.20	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.22	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.95	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.56	13	PASS
Band38	5MHz	QPSK	37775	1RB#0	8.18	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	8.92	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.36	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.37	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.25	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.88	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.18	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	9.02	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.45	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.23	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.65	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	9.01	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.53	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	7.85	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	9.30	13	PASS

Band38	15MHz	QPSK	38000	1RB#0	8.06	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	9.18	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.53	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.51	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	8.39	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	9.05	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.32	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	8.54	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.92	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.57	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.28	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.03	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	10.14	13	PASS

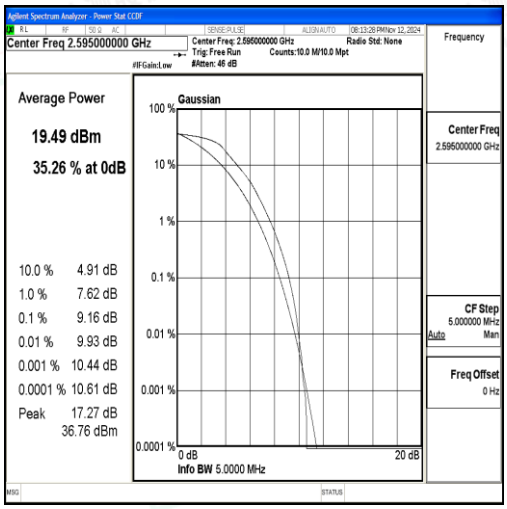
Test Graphs



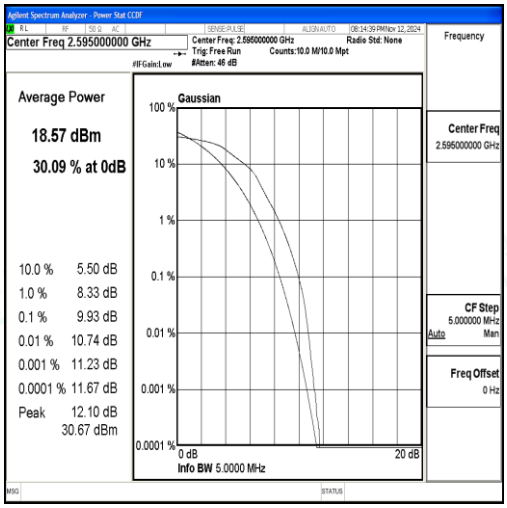
Band38-5MHz-QPSK-37775-25RB#0-PASS



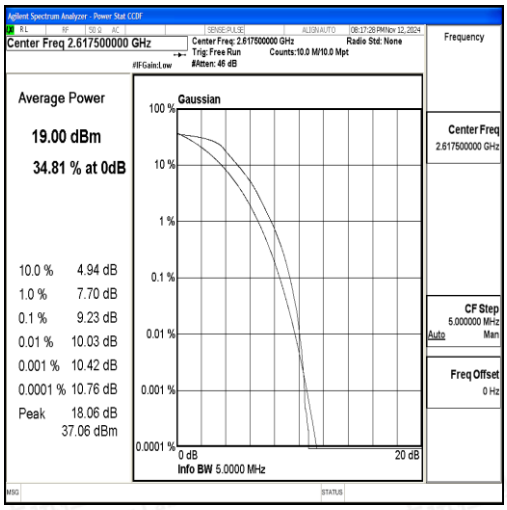
Band38-5MHz-16QAM-37775-25RB#0-PASS



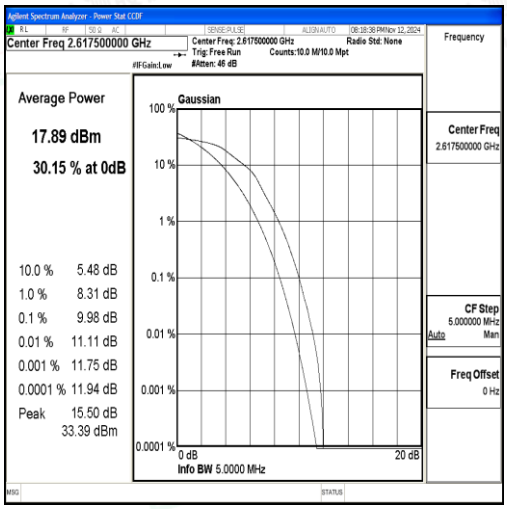
Band38-5MHz-QPSK-38000-25RB#0-PASS



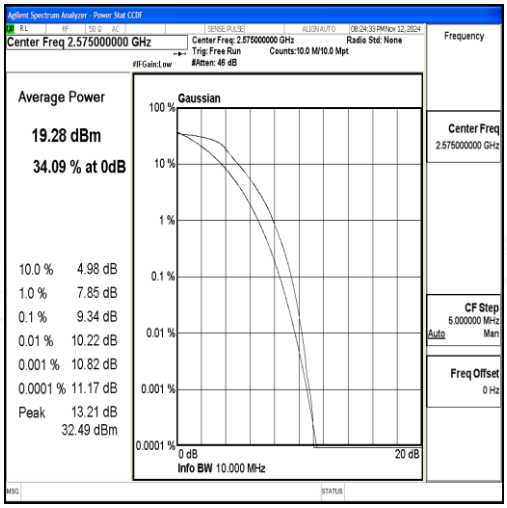
Band38-5MHz-16QAM-38000-25RB#0-PASS



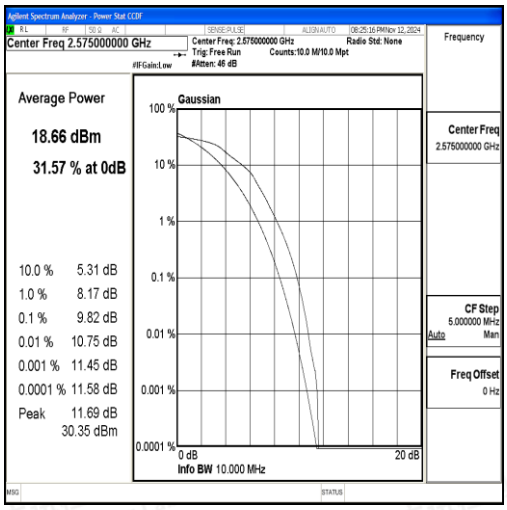
Band38-5MHz-QPSK-38225-25RB#0-PASS



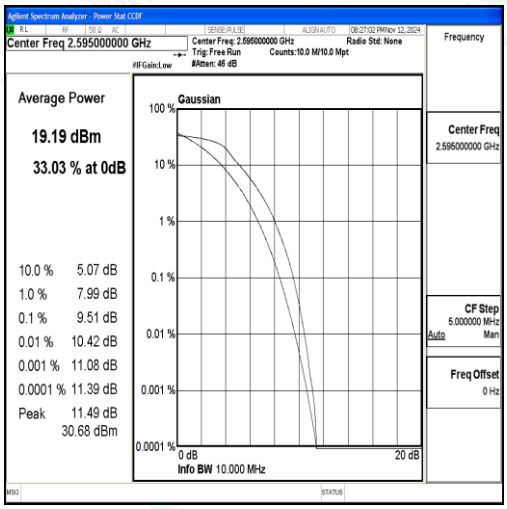
Band38-5MHz-16QAM-38225-25RB#0-PASS



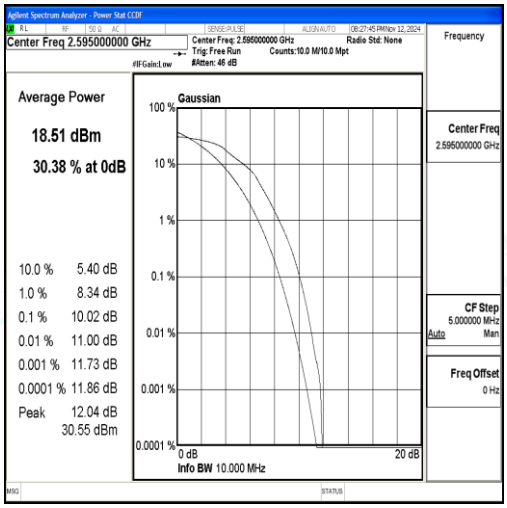
Band38-10MHz-QPSK-37800-50RB#0-PASS



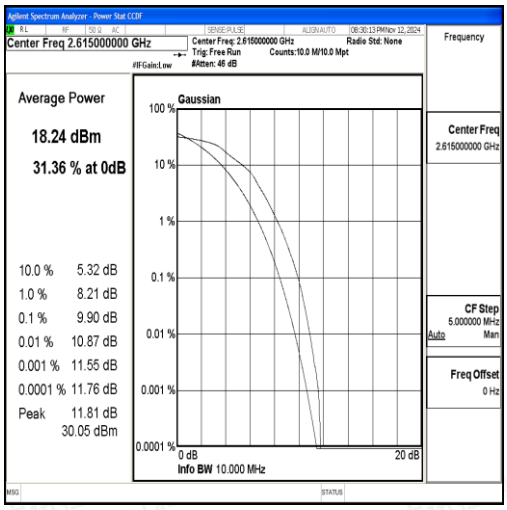
Band38-10MHz-16QAM-37800-50RB#0-PASS



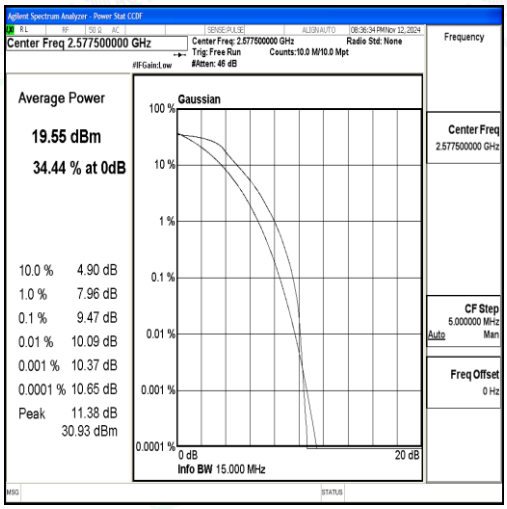
Band38-10MHz-QPSK-38000-50RB#0-PASS



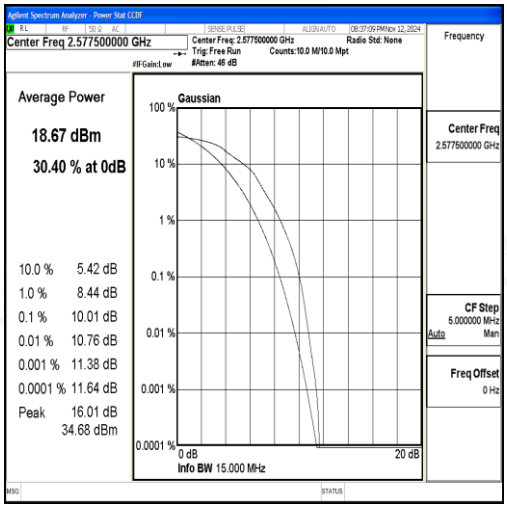
Band38-10MHz-16QAM-38000-50RB#0-PASS



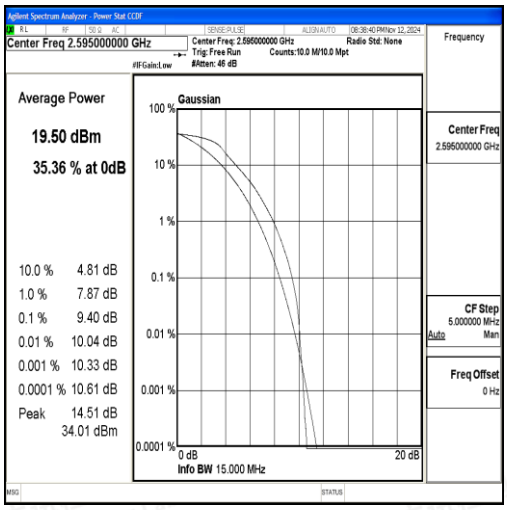
Band38-10MHz-16QAM-38200-50RB#0-PASS



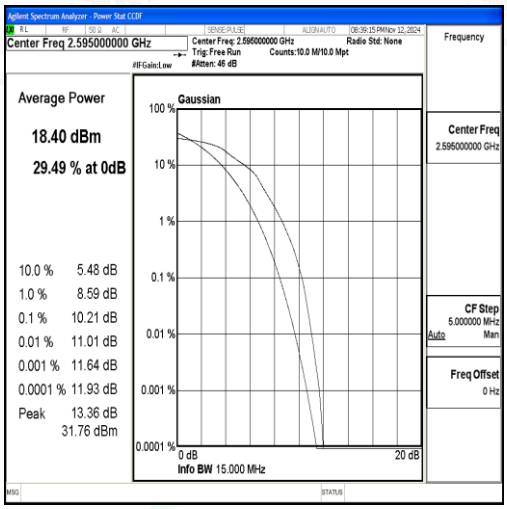
Band38-15MHz-QPSK-37825-75RB#0-PASS



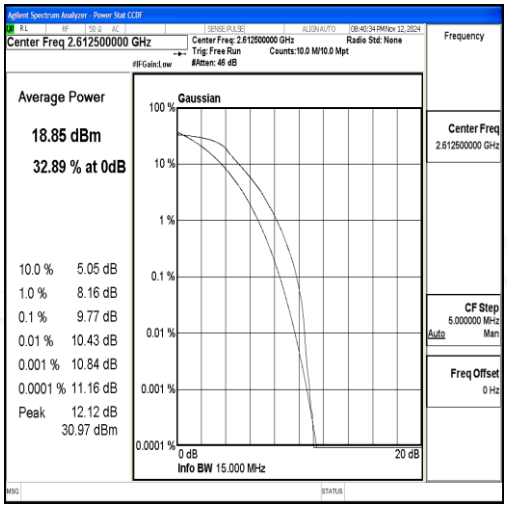
Band38-15MHz-16QAM-37825-75RB#0-PASS



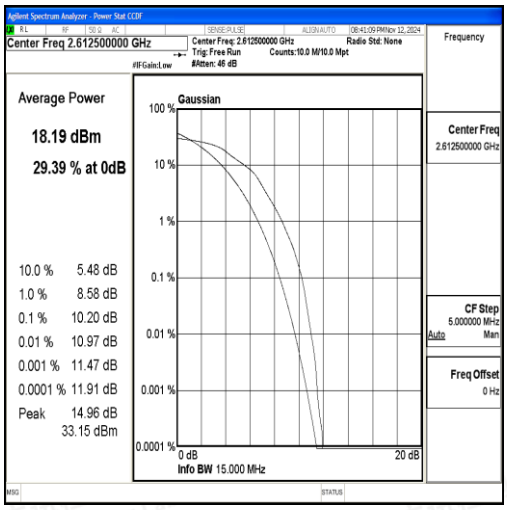
Band38-15MHz-QPSK-38000-75RB#0-PASS



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



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



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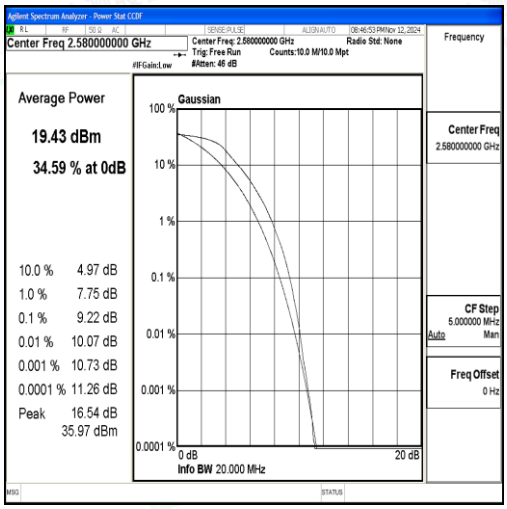
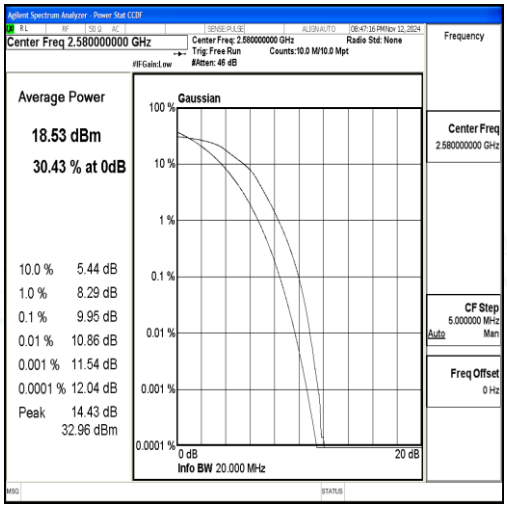


Band38-20MHz-QPSK-37850-100RB#0-PASS



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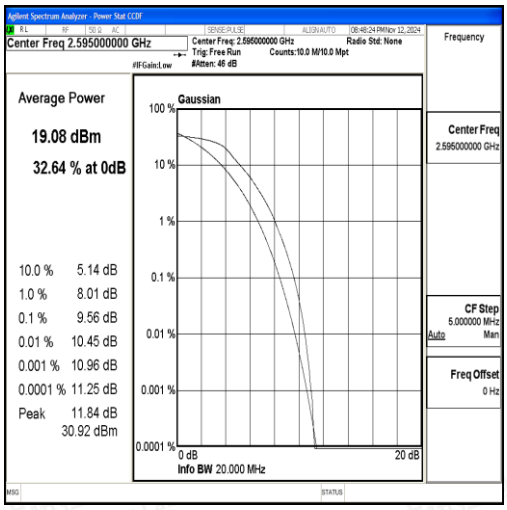

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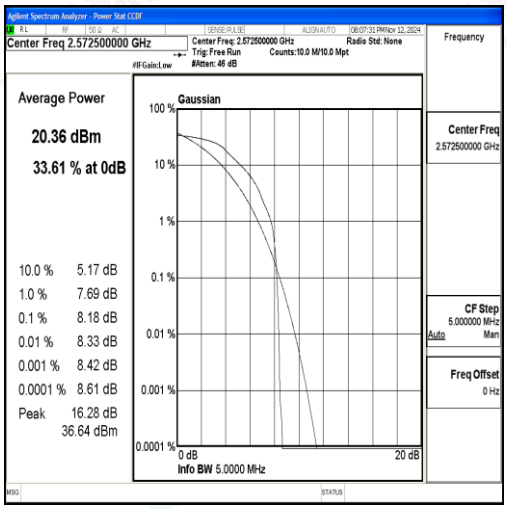
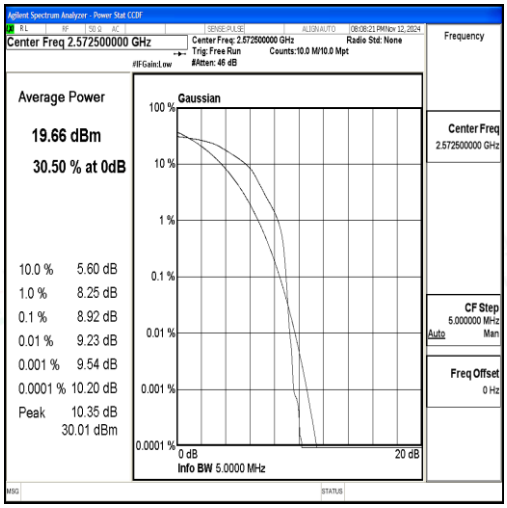


Band38-5MHz-QPSK-37775-1RB#0-PASS



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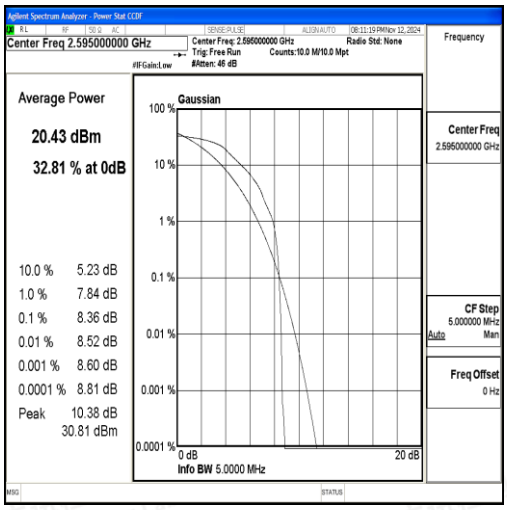
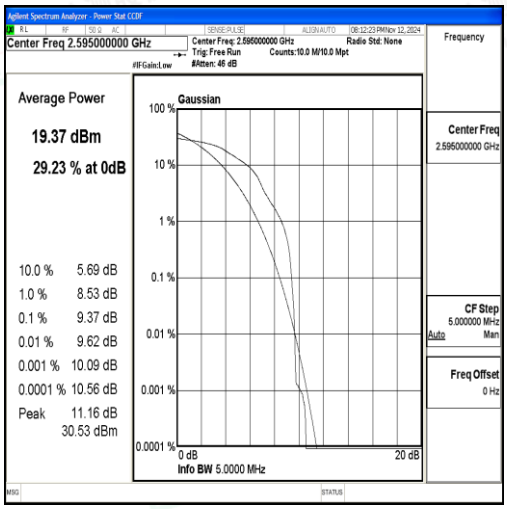
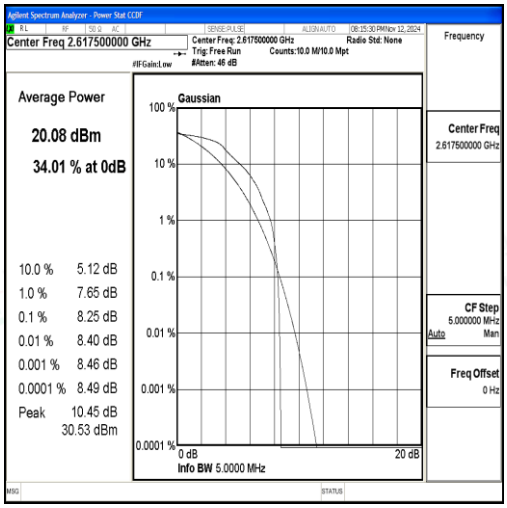


Band38-5MHz-QPSK-38000-1RB#0-PASS



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



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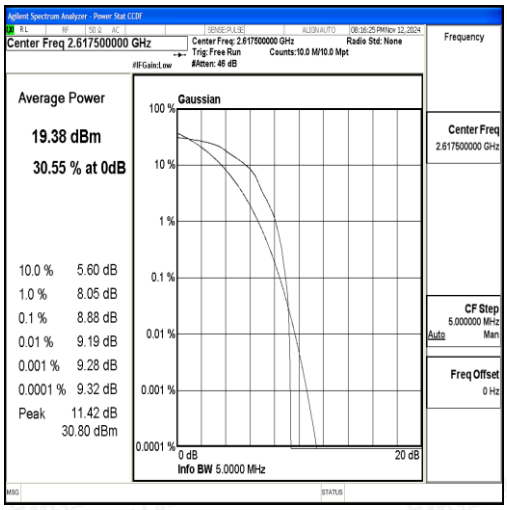

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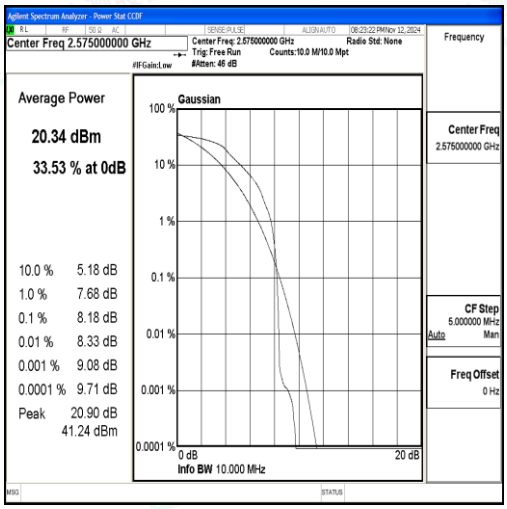
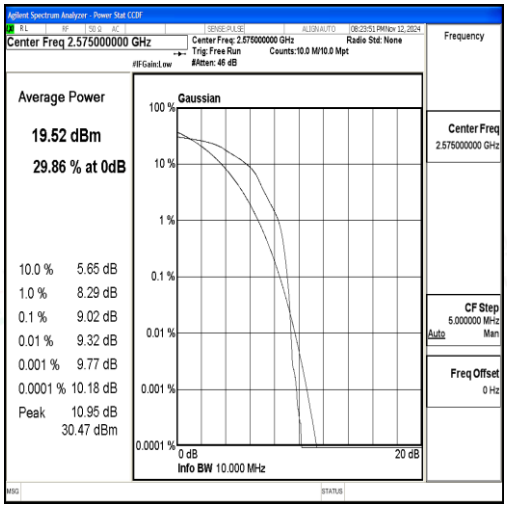
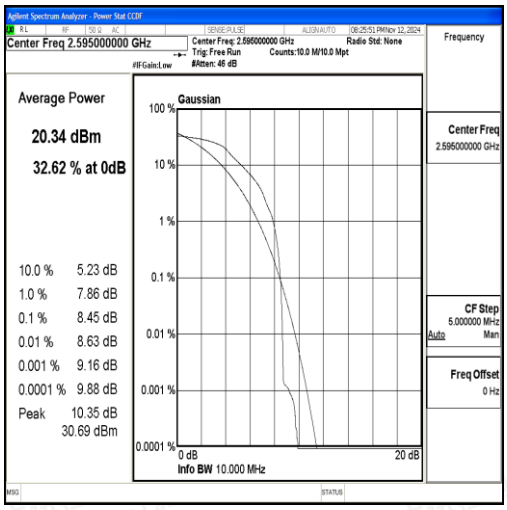


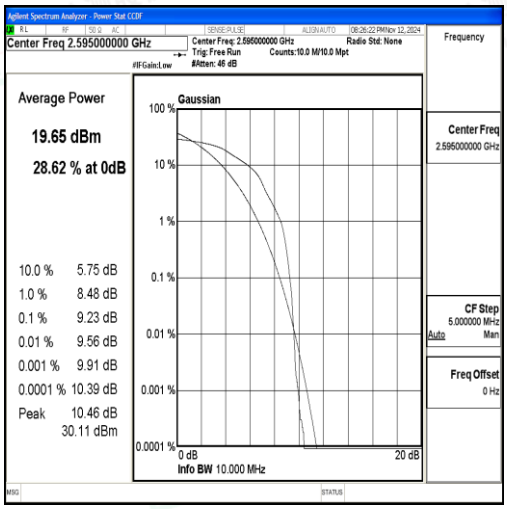
Band38-10MHz-QPSK-37800-1RB#0-PASS



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



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



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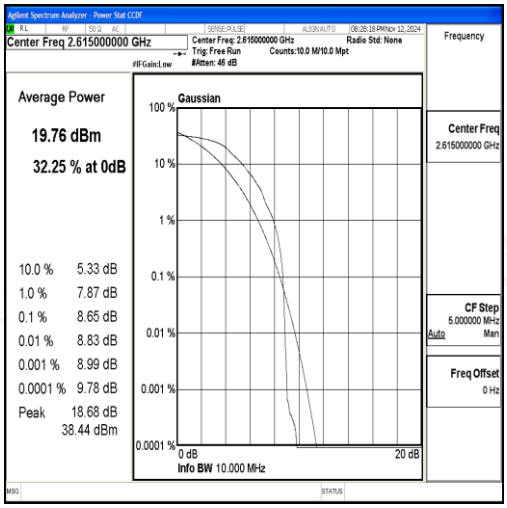

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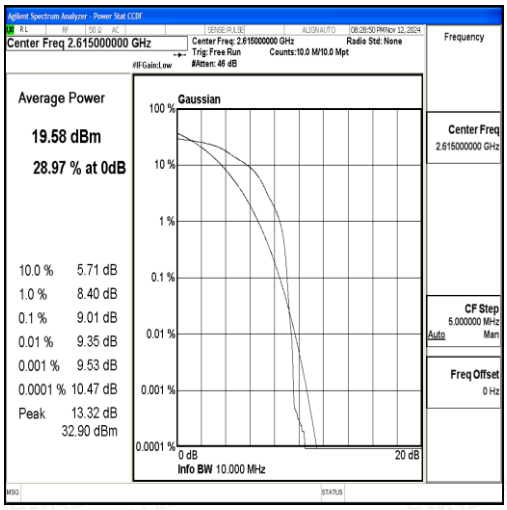
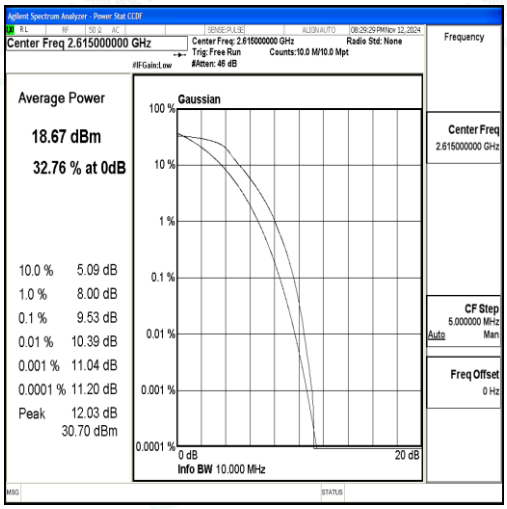
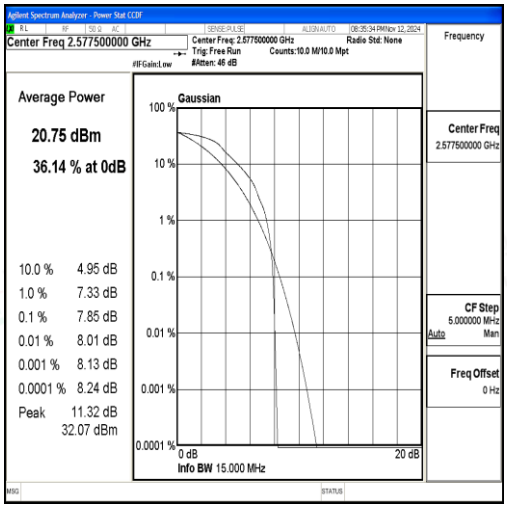


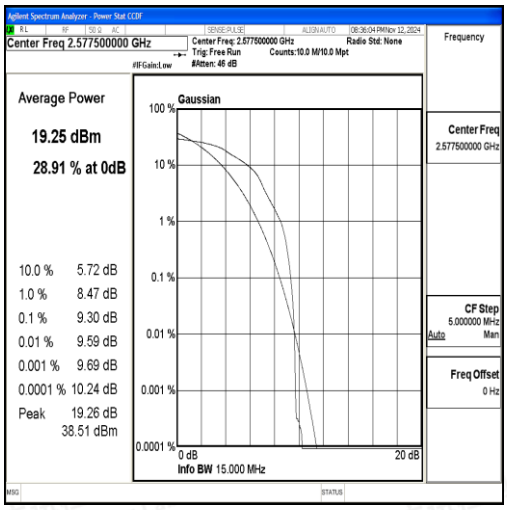
Band38-10MHz-16QAM-38200-1RB#0-PASS



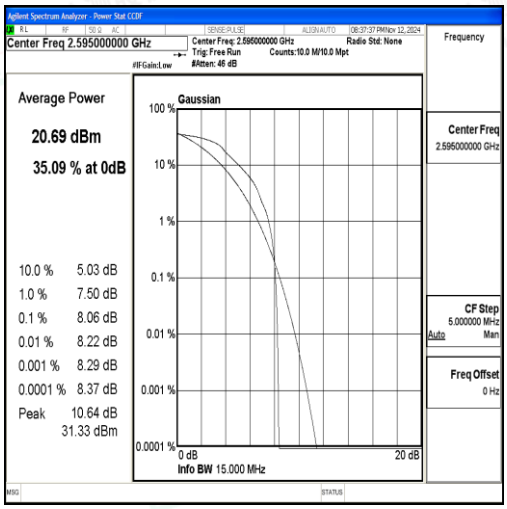
Band38-10MHz-QPSK-38200-50RB#0-PASS



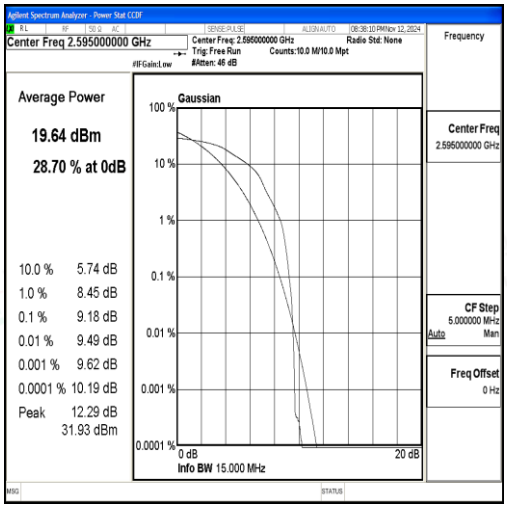
Band38-15MHz-QPSK-37825-1RB#0-PASS



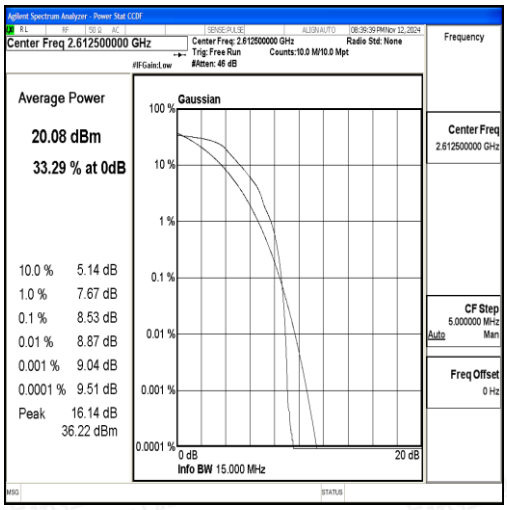
Band38-15MHz-16QAM-37825-1RB#0-PASS



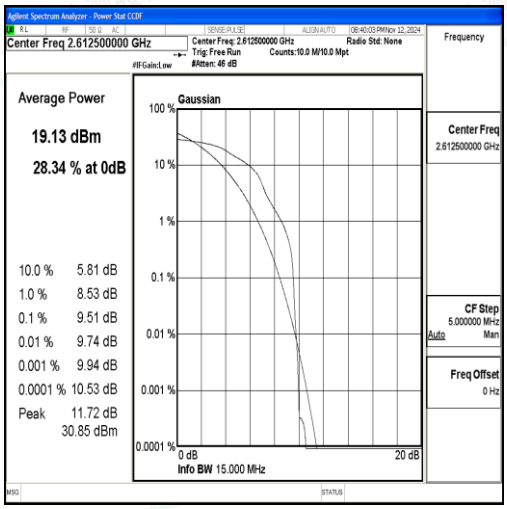
Band38-15MHz-QPSK-38000-1RB#0-PASS



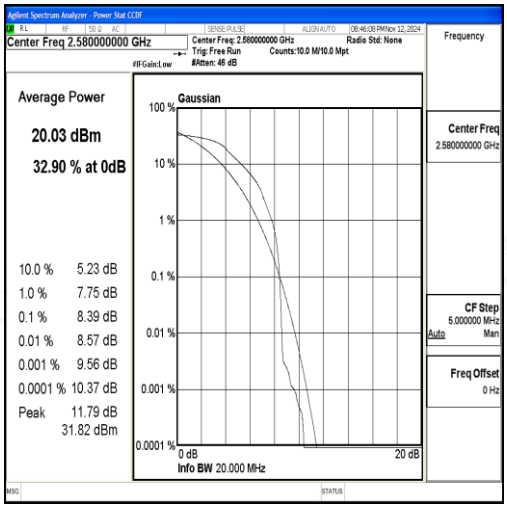
Band38-15MHz-16QAM-38000-1RB#0-PASS



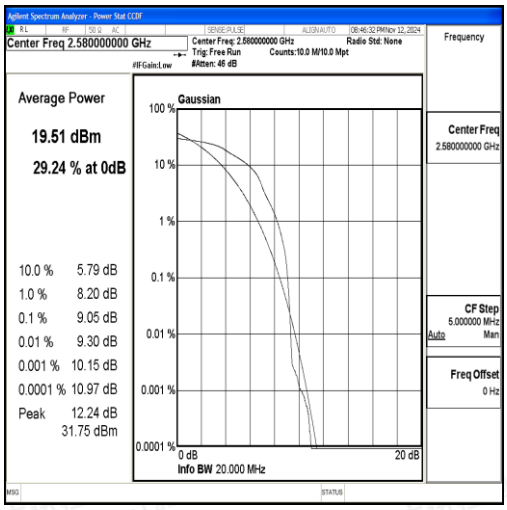
Band38-15MHz-QPSK-38175-1RB#0-PASS



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



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



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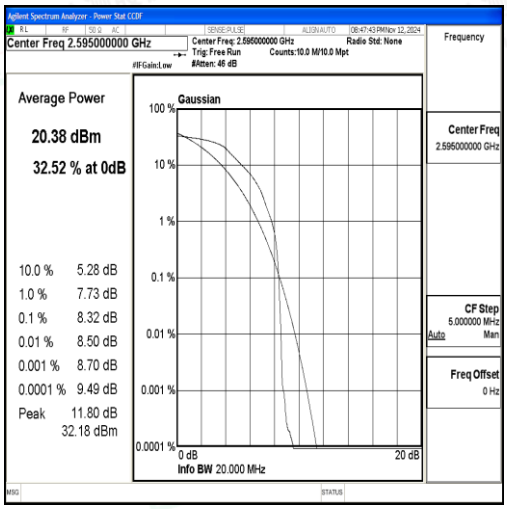

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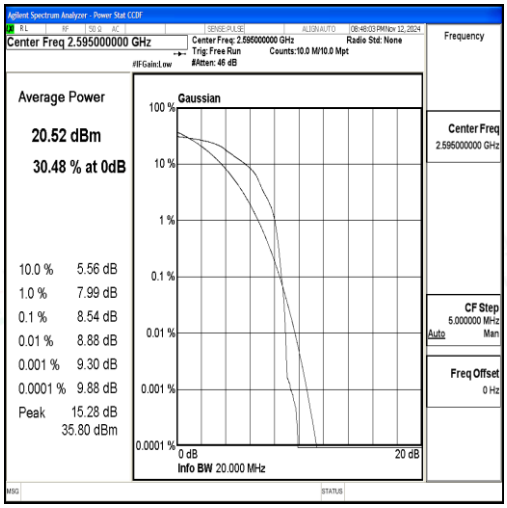

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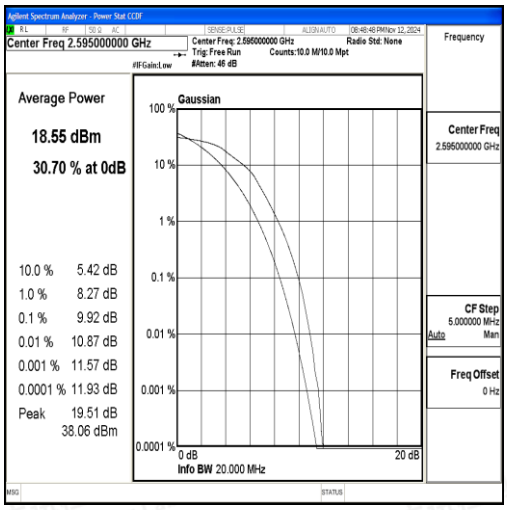

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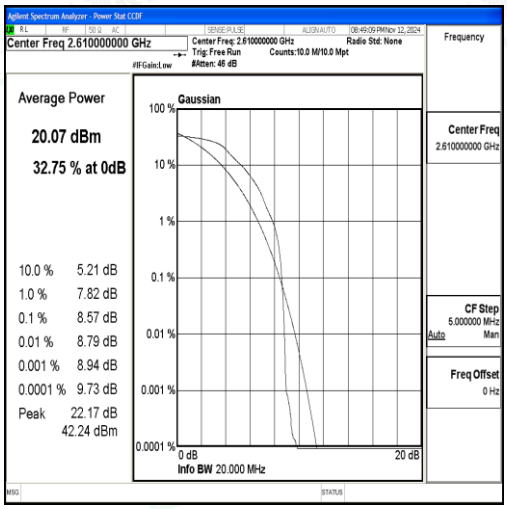
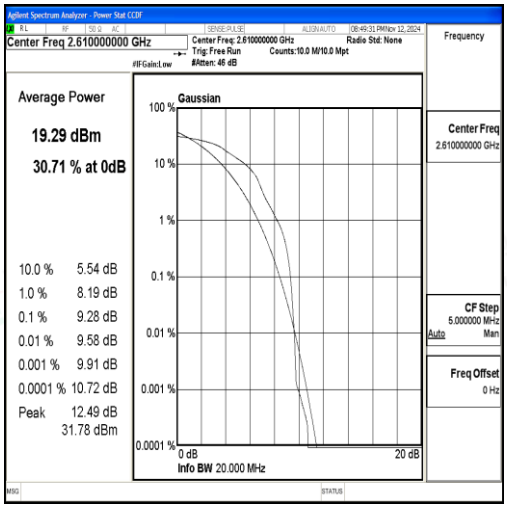
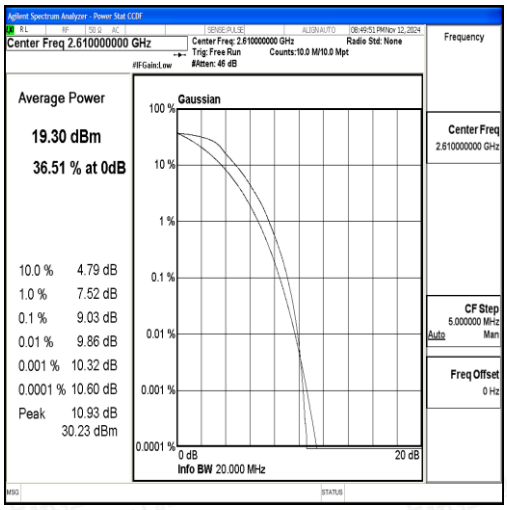


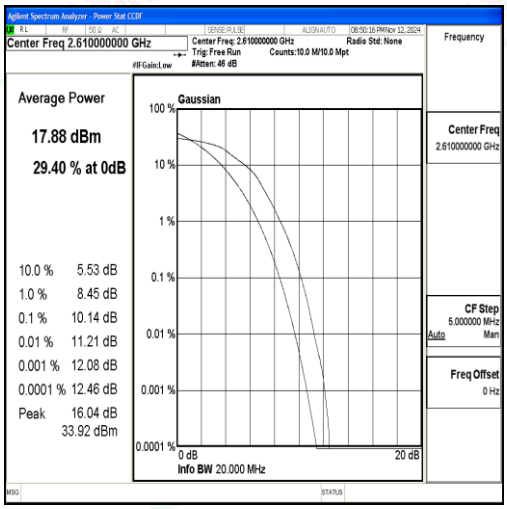
Band38-20MHz-QPSK-38150-1RB#0-PASS



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



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



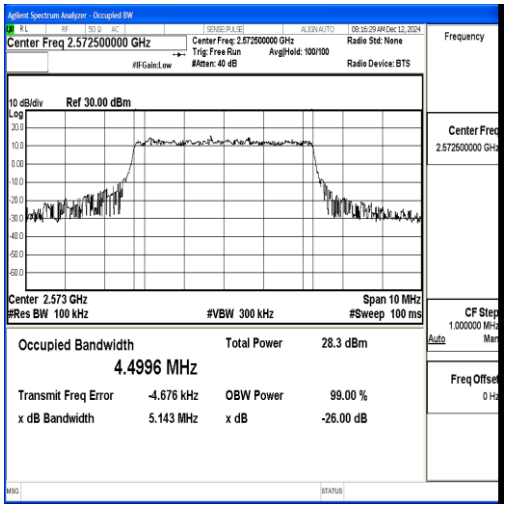
Band38-20MHz-16QAM-38150-100RB#0-PASS

J.3 26dB Bandwidth and Occupied Bandwidth

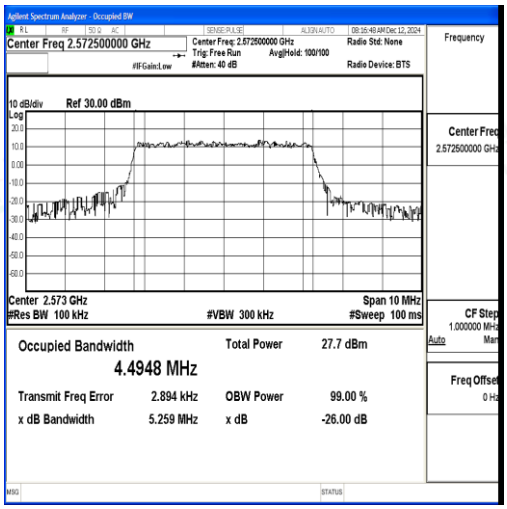
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4996	5.143	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4948	5.259	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4948	5.204	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5007	5.232	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5146	5.114	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5004	5.355	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0083	10.13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0061	9.870	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0244	10.09	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0209	11.32	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0041	10.32	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9887	9.942	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.497	15.16	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.494	15.09	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.517	16.02	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.502	15.28	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.500	15.89	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.584	15.97	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.018	20.86	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.946	19.80	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.982	20.77	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.987	21.16	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.008	19.36	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.037	20.25	PASS

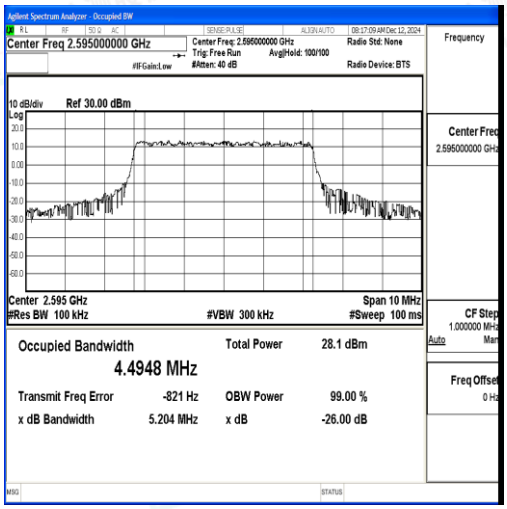
Test Graphs



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



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



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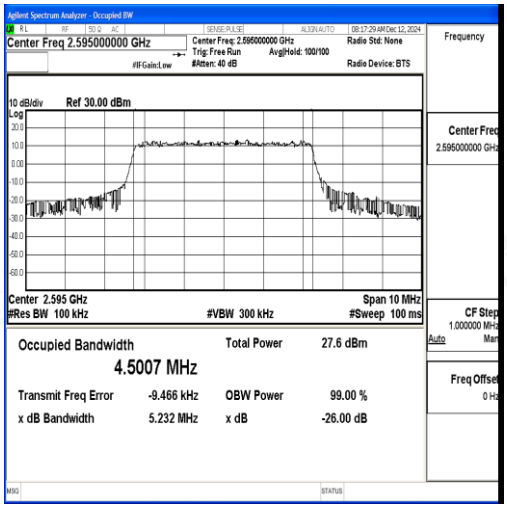

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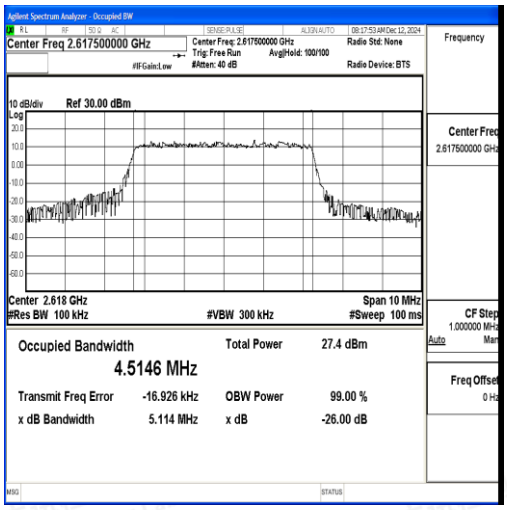
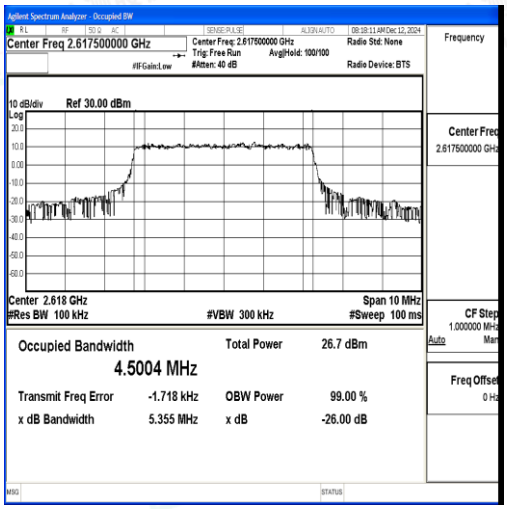


Band38-5MHz-QPSK-38225-25RB#0-PASS



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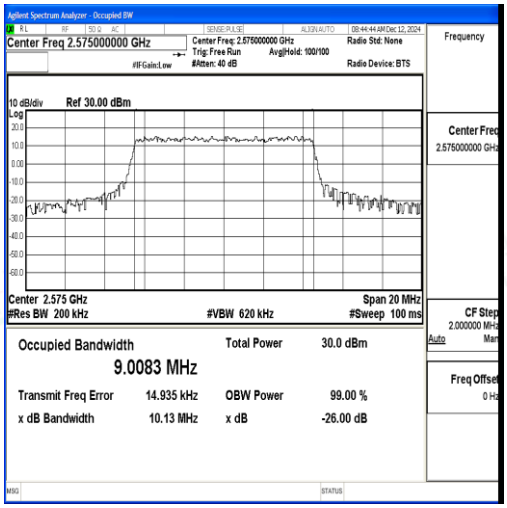
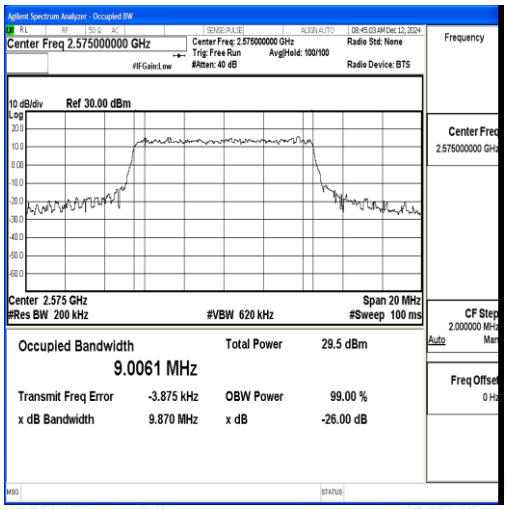
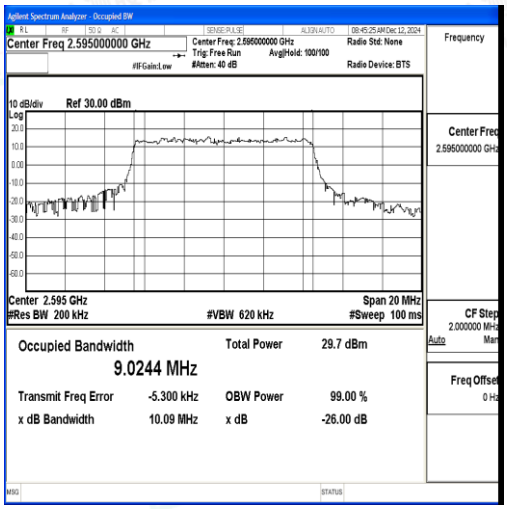


Band38-10MHz-QPSK-37800-50RB#0-PASS



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



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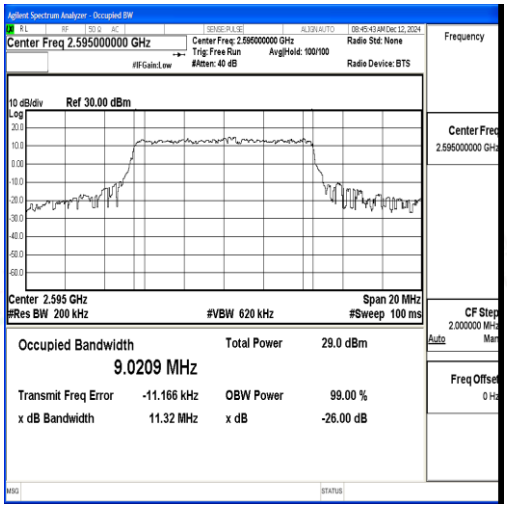

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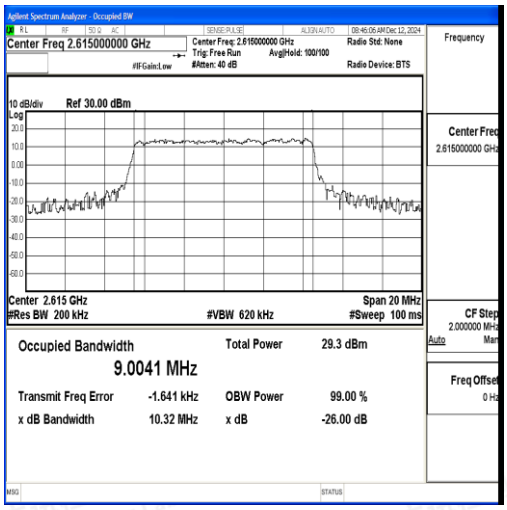
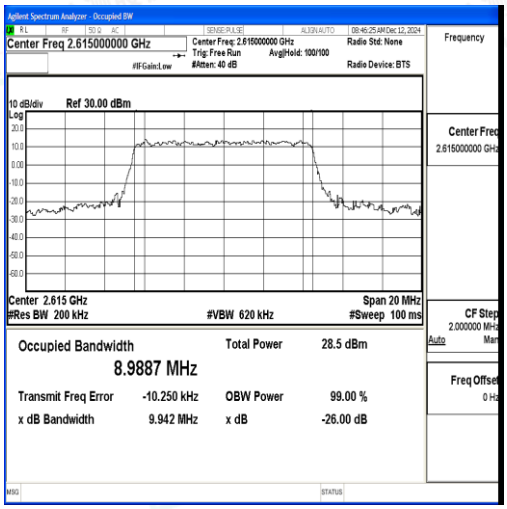
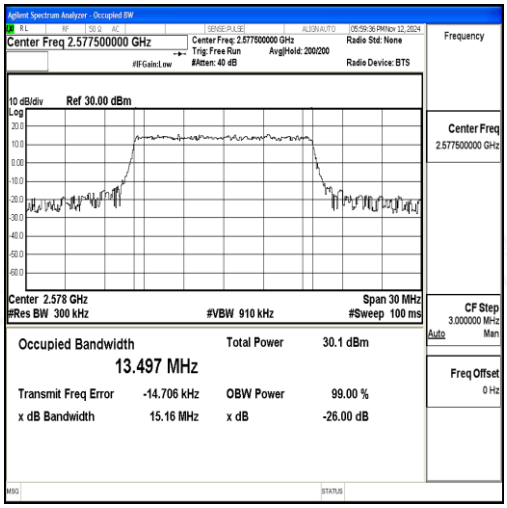


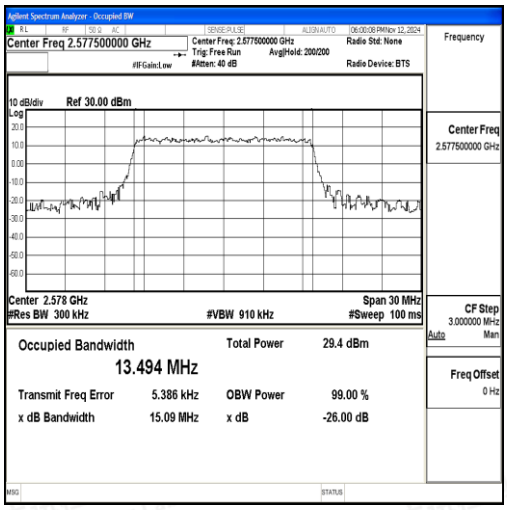
Band38-10MHz-QPSK-38200-50RB#0-PASS



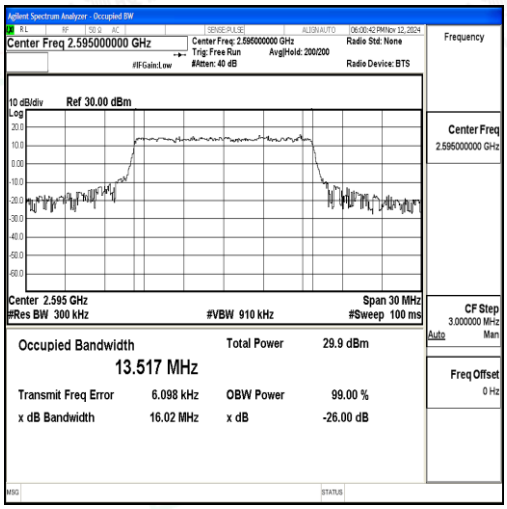
Band38-10MHz-16QAM-38200-50RB#0-PASS



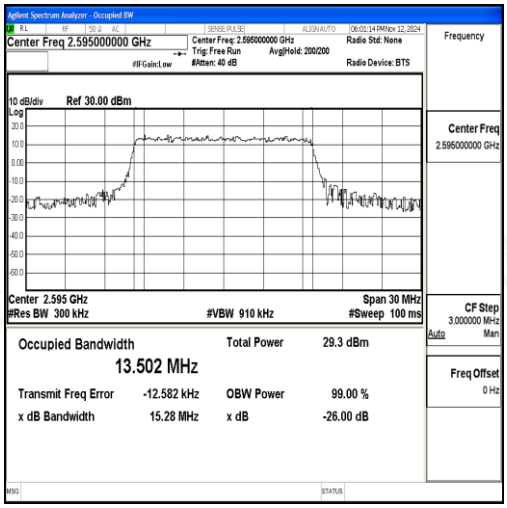
Band38-15MHz-QPSK-37825-75RB#0-PASS



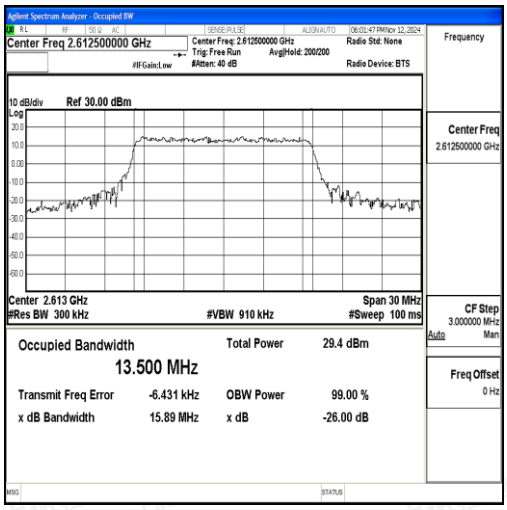
Band38-15MHz-16QAM-37825-75RB#0-PASS



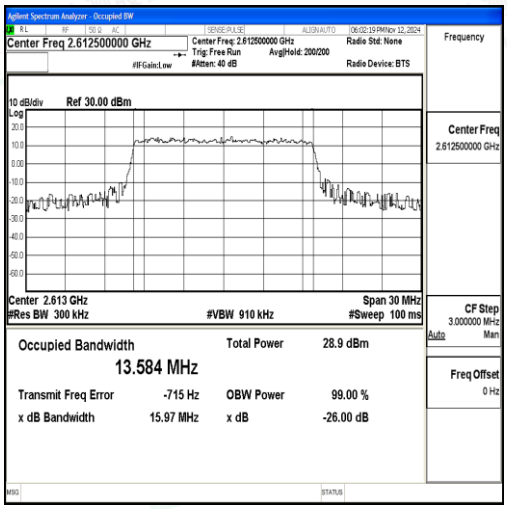
Band38-15MHz-QPSK-38000-75RB#0-PASS



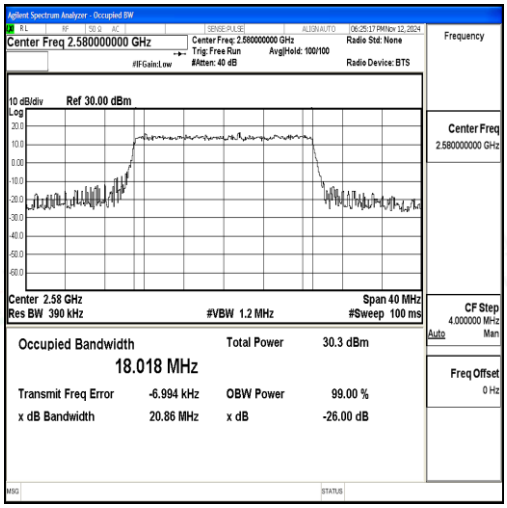
Band38-15MHz-16QAM-38000-75RB#0-PASS



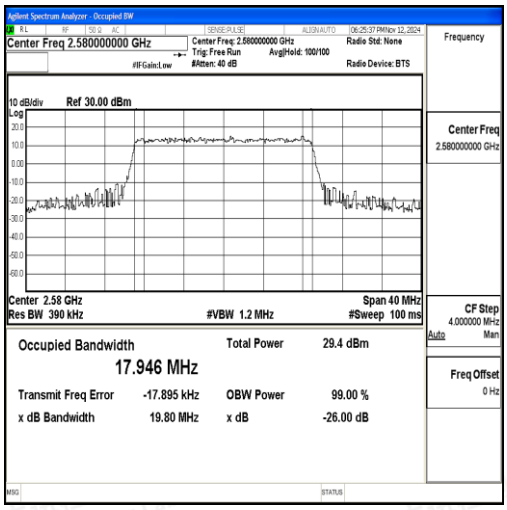
Band38-15MHz-QPSK-38175-75RB#0-PASS



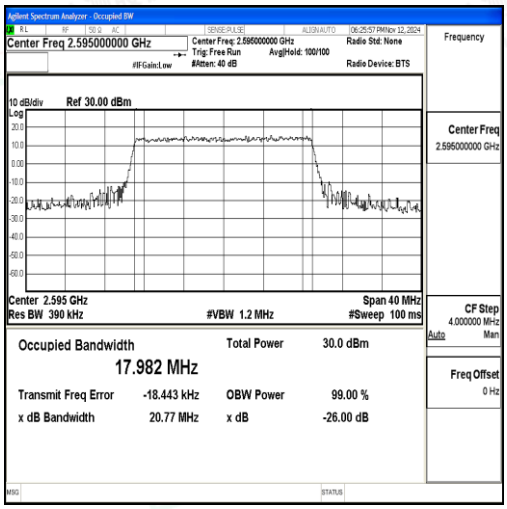
Band38-15MHz-16QAM-38175-75RB#0-PASS



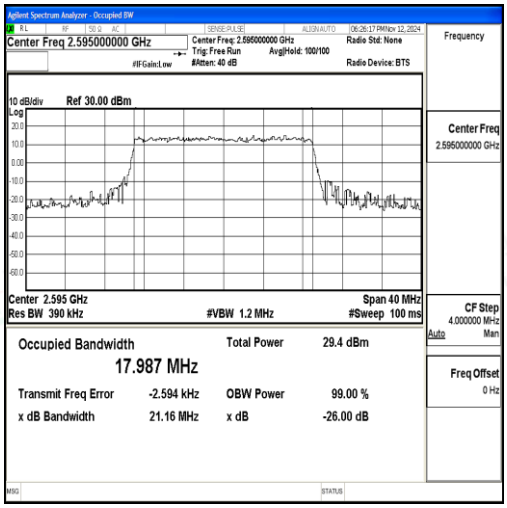
Band38-20MHz-QPSK-37850-100RB#0-PASS



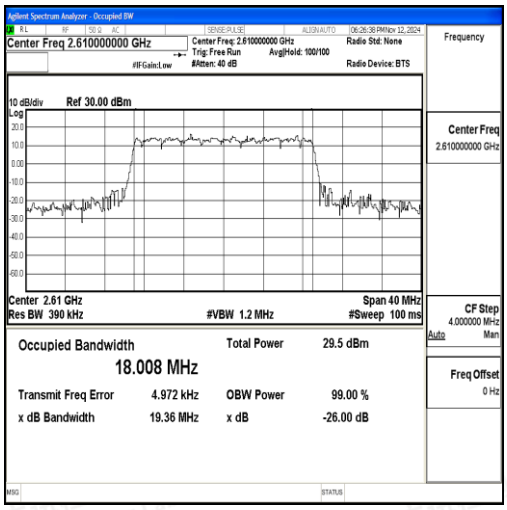
Band38-20MHz-16QAM-37850-100RB#0-PASS



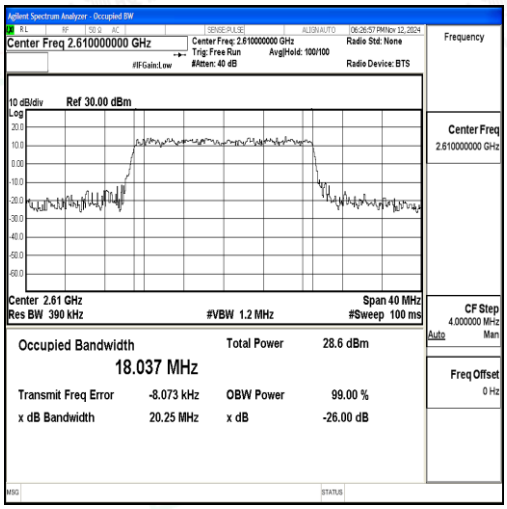
Band38-20MHz-QPSK-38000-100RB#0-PASS



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



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



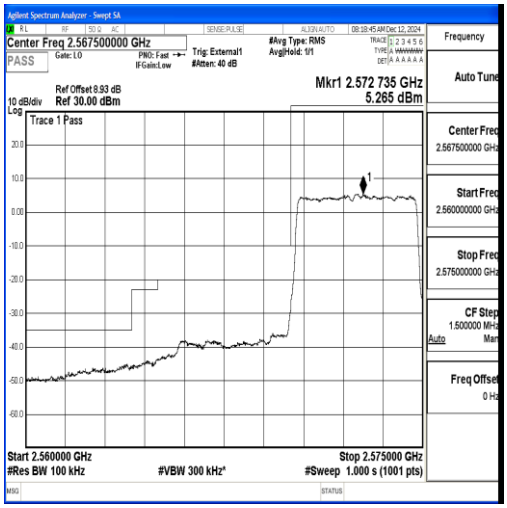
Band38-20MHz-16QAM-38150-100RB#0-PASS

J.4 Band Edge

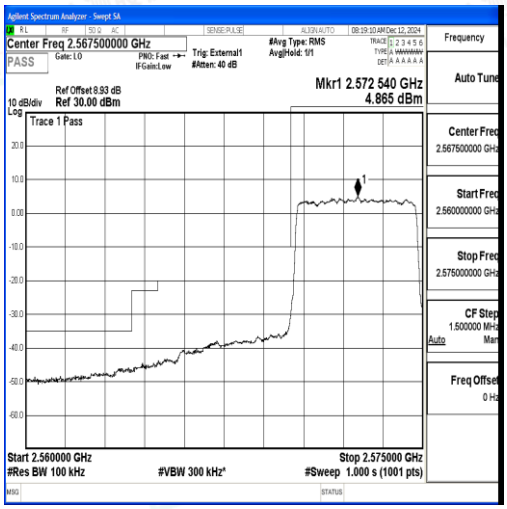
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	2563.84	-45.05	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.90	-46.02	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.07	-45.76	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.24	-46.62	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.95	-41.49	PASS
Band38	10MHz	16QAM	37800	50RB#0	2559.98	-41.38	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.15	-40.58	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.00	-41.19	PASS
Band38	15MHz	QPSK	37825	75RB#0	2554.76	-39.62	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.69	-39.71	PASS
Band38	15MHz	QPSK	38175	75RB#0	2636.15	-39.92	PASS
Band38	15MHz	16QAM	38175	75RB#0	2636.19	-39.79	PASS
Band38	20MHz	QPSK	37850	100RB#0	2550.00	-39.74	PASS
Band38	20MHz	16QAM	37850	100RB#0	2549.91	-40.83	PASS
Band38	20MHz	QPSK	38150	100RB#0	2640.05	-39.99	PASS
Band38	20MHz	16QAM	38150	100RB#0	2640.14	-40.47	PASS

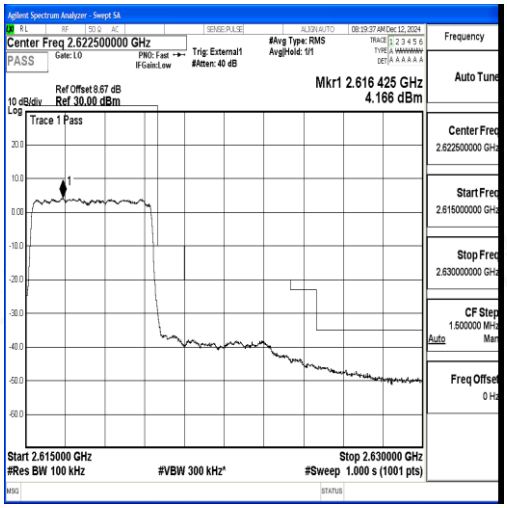
Test Graphs



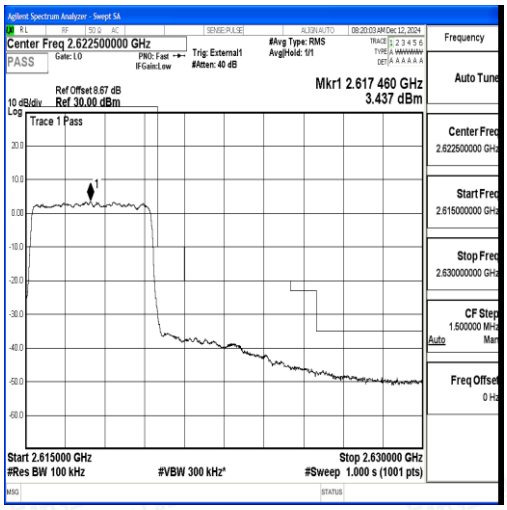
Band38_5MHz_QPSK_37775_25RB#0



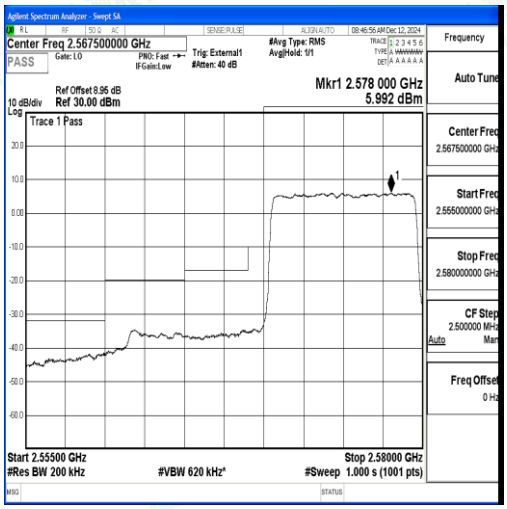
Band38_5MHz_16QAM_37775_25RB#0



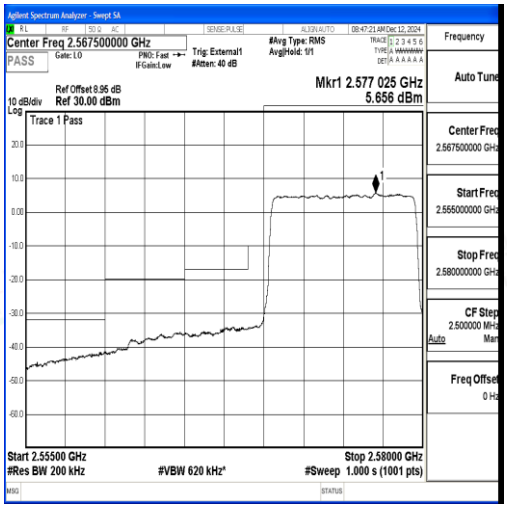
Band38_5MHz_QPSK_38225_25RB#0



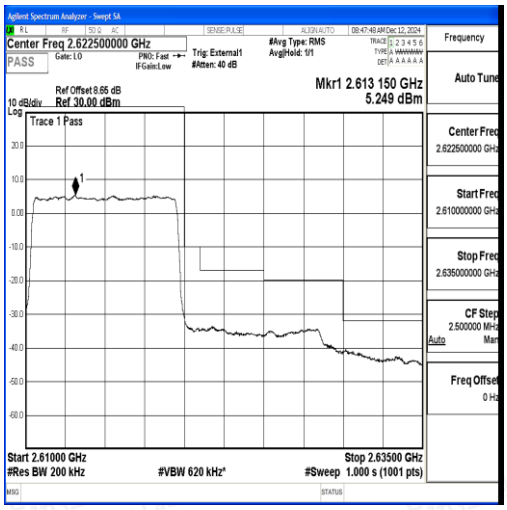
Band38_5MHz_16QAM_38225_25RB#0



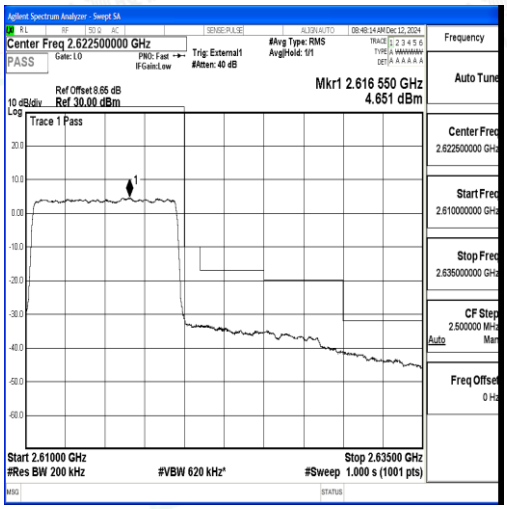
Band38_10MHz_QPSK_37800_50RB#0



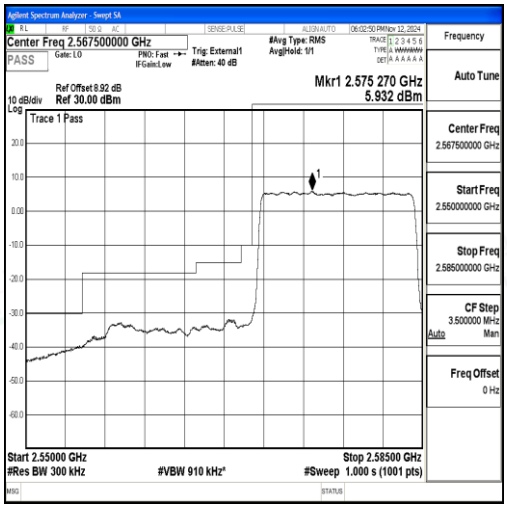
Band38_10MHz_16QAM_37800_50RB#0



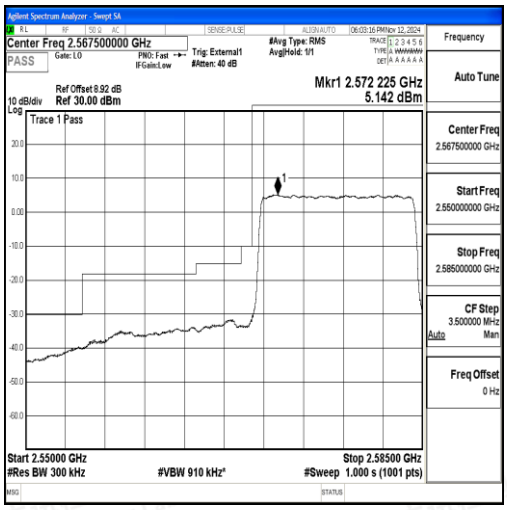
Band38_10MHz_QPSK_38200_50RB#0



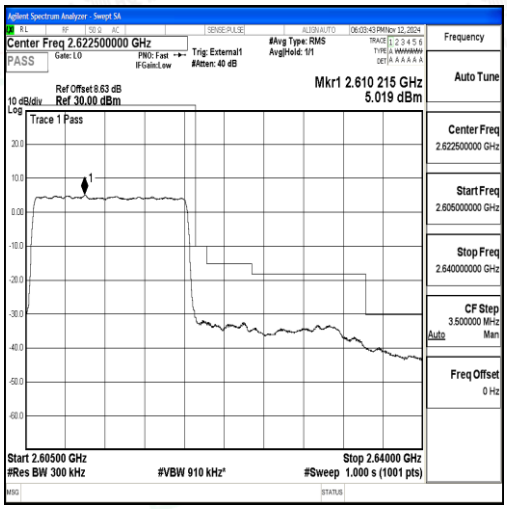
Band38_10MHz_16QAM_38200_50RB#0



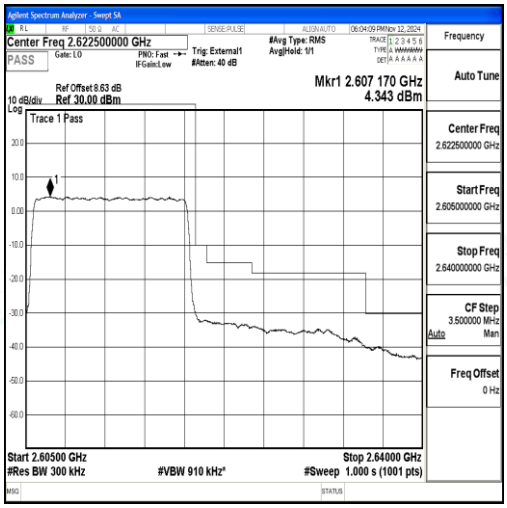
Band38_15MHz_QPSK_37825_75RB#0



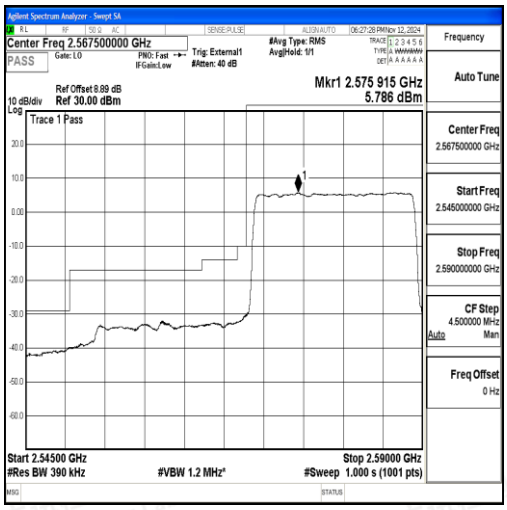
Band38_15MHz_16QAM_37825_75RB#0



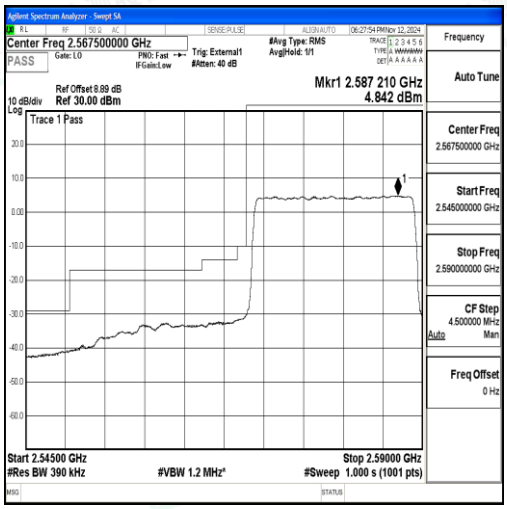
Band38_15MHz_QPSK_38175_75RB#0



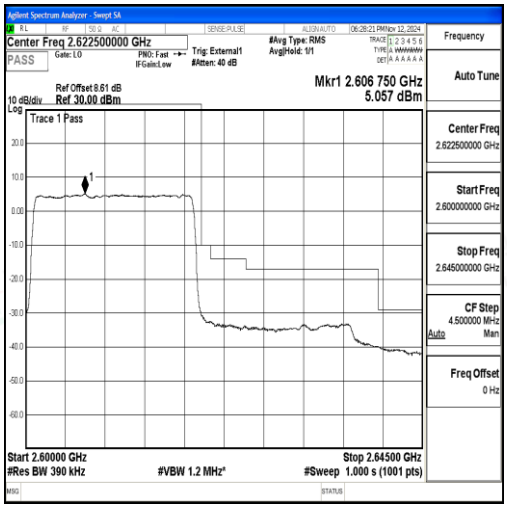
Band38_15MHz_16QAM_38175_75RB#0



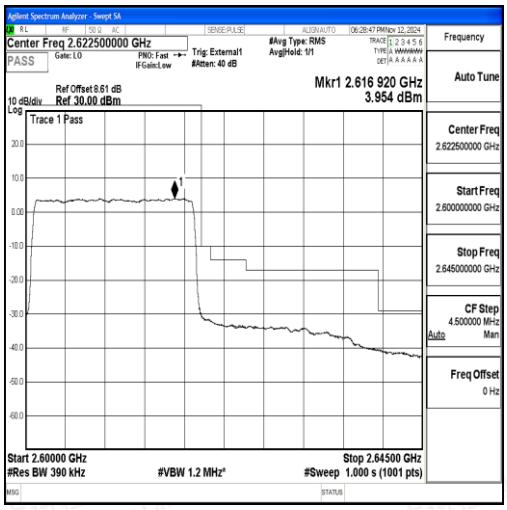
Band38_20MHz_QPSK_37850_100RB#0



Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0



Band38_20MHz_16QAM_38150_100RB#0

J.5 Conducted Spurious Emission

Test Result

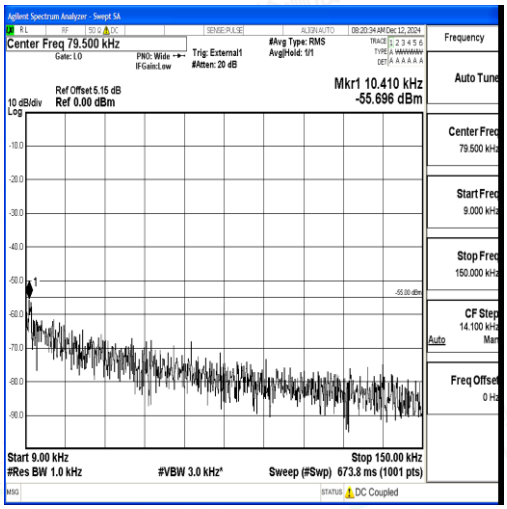
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-55.70	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-60.43	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-62.27	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-33.08	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-35.22	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-58.16	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-60.34	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-61.98	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-33.26	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-35.10	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-55.69	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-59.65	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-62.36	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-33.53	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-35.49	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-56.80	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-62.55	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-62.08	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-33.23	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-35.51	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-57.31	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-61.12	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-62.31	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-32.80	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-35.36	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-57.85	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-60.48	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-61.97	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-33.14	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-35.29	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-58.27	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-60.60	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-62.14	PASS

Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-33.17	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-35.36	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-56.88	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-60.91	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-62.18	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-33.26	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-35.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-58.47	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-60.10	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-62.39	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-32.96	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-35.37	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-57.74	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-61.25	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-62.32	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-33.55	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-35.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-57.54	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-63.03	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-62.25	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-32.64	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-35.36	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-57.30	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-61.12	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-62.26	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-34.79	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-59.77	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-62.51	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-62.31	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-32.80	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-34.93	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-58.14	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-58.68	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-62.14	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-33.04	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-35.05	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-58.58	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-58.01	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-61.80	PASS

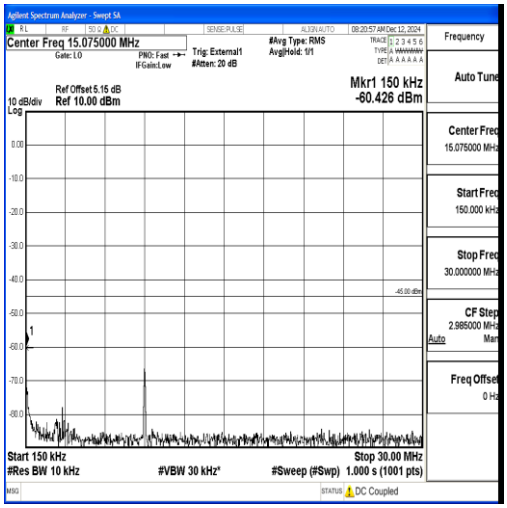
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-32.98	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-35.11	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-58.23	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-61.16	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-62.20	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-33.10	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-35.12	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-57.75	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-60.18	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-61.85	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-32.59	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-34.90	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-57.14	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-61.43	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-62.10	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-32.93	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-35.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-59.74	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-62.24	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-32.78	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-56.45	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-35.22	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-57.14	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-60.74	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-61.99	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-33.26	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-35.52	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-57.43	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-60.82	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-62.32	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-35.30	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-56.88	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-60.23	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-62.15	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-32.85	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-35.32	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-57.62	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-58.73	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-62.40	PASS

Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-33.30	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-35.25	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-57.48	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-60.69	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-61.64	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-33.05	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-35.24	PASS

Test Graphs



Band38_5MHz_QPSK_37775_1RB#0_0.009~0.15_0.009~0.15



Band38_5MHz_QPSK_37775_1RB#0_0.15~30_0.15~30