Appendix N Test Data for E-UTRA Band 38

Product Name: Translator

Test Model: V9000

Environmental Conditions

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

N.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.92	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.41	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.91	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.70	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.87	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.47	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.02	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.18	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.91	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.18	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.89	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.19	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.48	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.23	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.39	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.02	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.36	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.03	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.57	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.87	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.62	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.81	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.63	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.18	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.88	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.11	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.32	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.02	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.14	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.48	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.33	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.87	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.40	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.13	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.47	PASS

Band38	5MHz	16QAM	38225	12RB#0	19.64	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.41	PASS
Band38	5MHz	16QAM	38225	12RB#6	19.53	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.57	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.66	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.10	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.61	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.07	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.60	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.04	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.60	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.11	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.30	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.09	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.34	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.92	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.29	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.93	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.22	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.60	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.06	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.59	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.11	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.70	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.01	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.47	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.80	PASS
Band38	10MHz	QPSK	38000	25RB#0	20.79	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.26	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.82	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.28	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.78	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.10	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.39	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.61	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.52	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.17	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.49	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.07	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.62	PASS

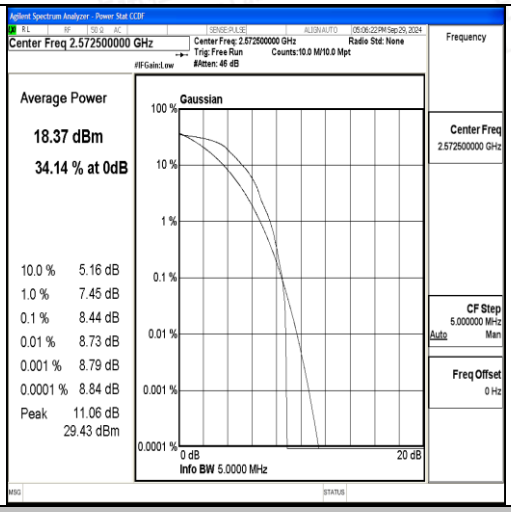
Band38	10MHz	16QAM	38200	1RB#49	21.18	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.52	PASS
Band38	10MHz	16QAM	38200	25RB#0	19.66	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.44	PASS
Band38	10MHz	16QAM	38200	25RB#12	19.66	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.46	PASS
Band38	10MHz	16QAM	38200	25RB#25	19.64	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.26	PASS
Band38	10MHz	16QAM	38200	50RB#0	19.55	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.78	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.22	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.44	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.72	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.38	PASS
Band38	15MHz	16QAM	38175	75RB#0	19.65	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.06	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.17	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.82	PASS
Band38	20MHz	16QAM	38000	100RB#0	19.93	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.57	PASS
Band38	20MHz	16QAM	38150	100RB#0	19.72	PASS

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

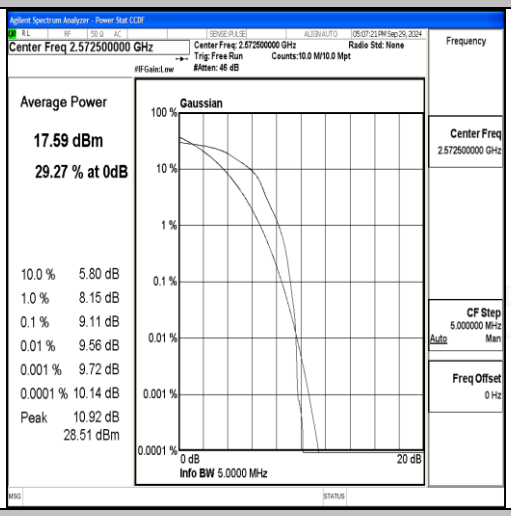
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.44	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	9.11	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.67	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.08	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.45	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.12	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.84	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.21	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.74	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.46	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.15	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.54	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.28	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.84	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.21	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.72	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.03	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.45	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.14	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.91	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.94	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.81	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.41	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.87	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.04	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.98	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.00	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.70	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.31	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.68	13	PASS

Test Graphs



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



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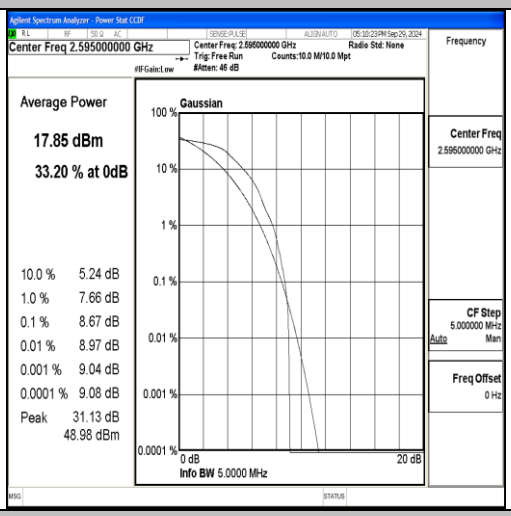

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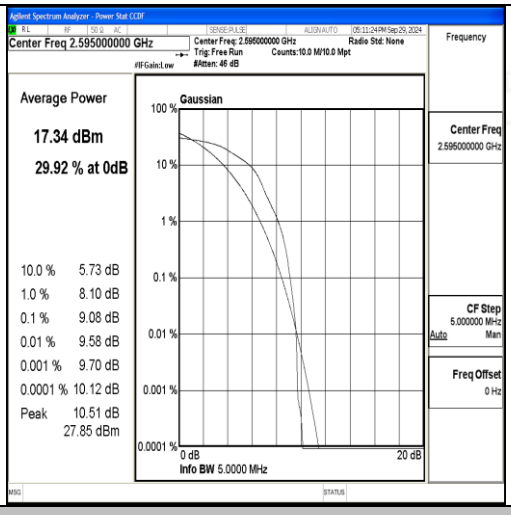

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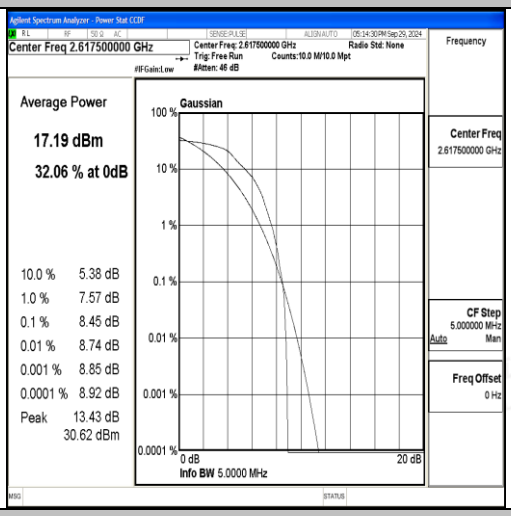

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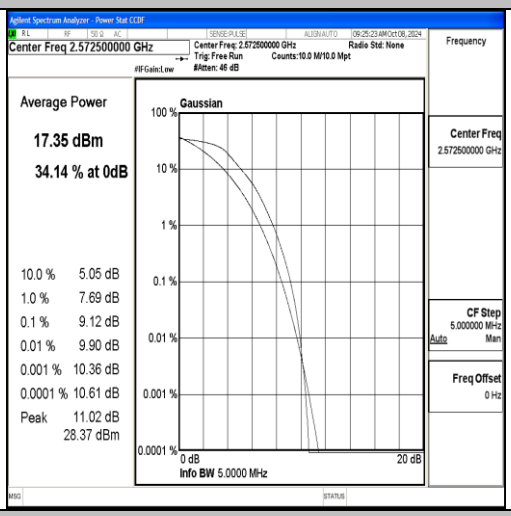

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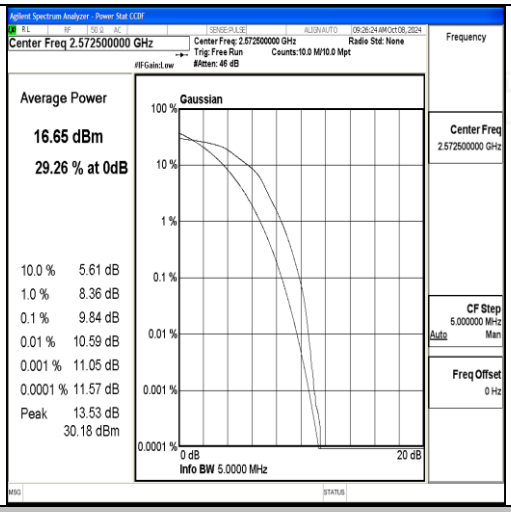

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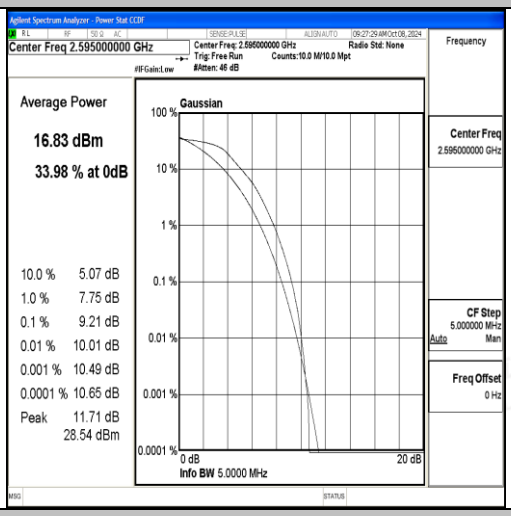

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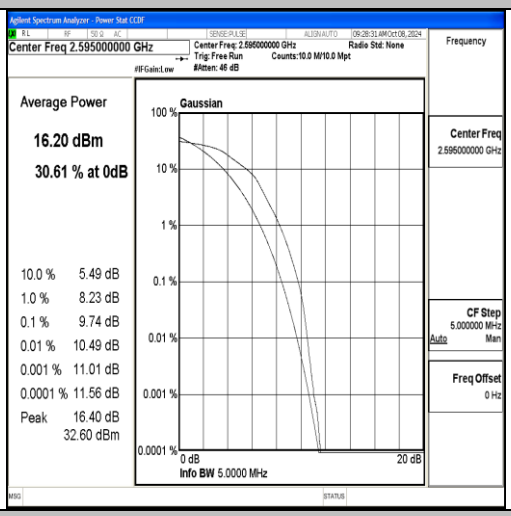

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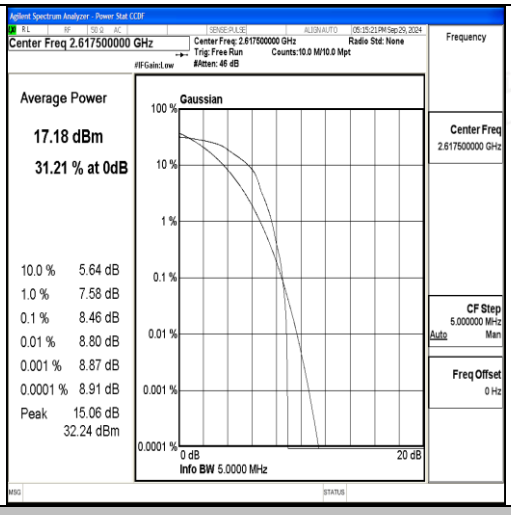

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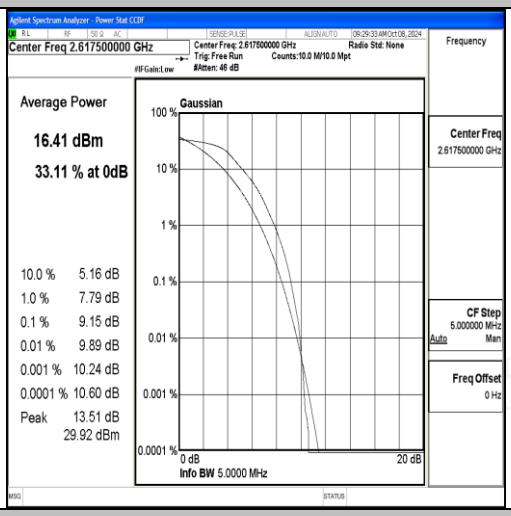

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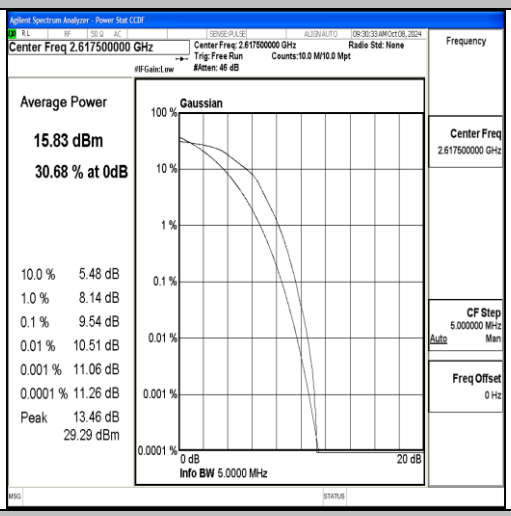

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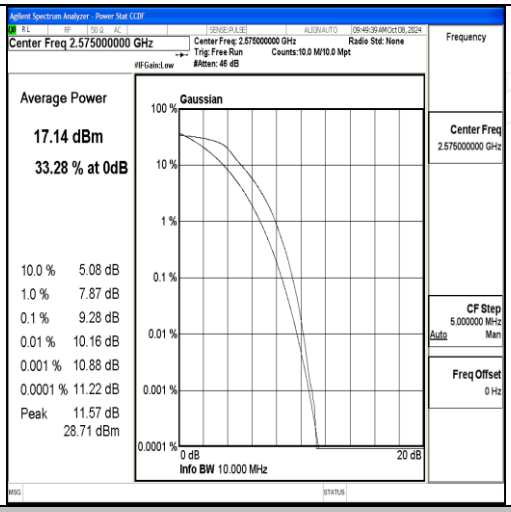
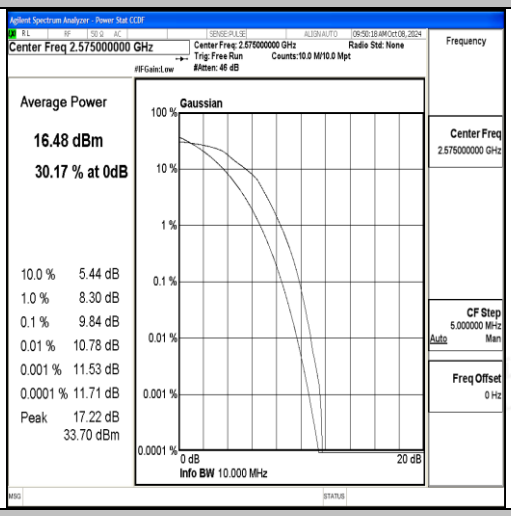


Band38-10MHz-QPSK-37800-50RB#0-PASS



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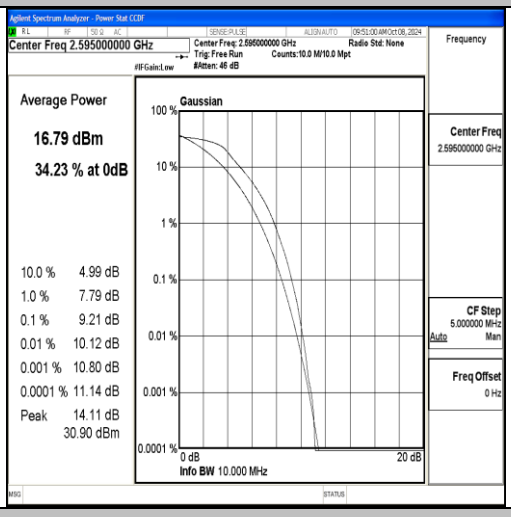
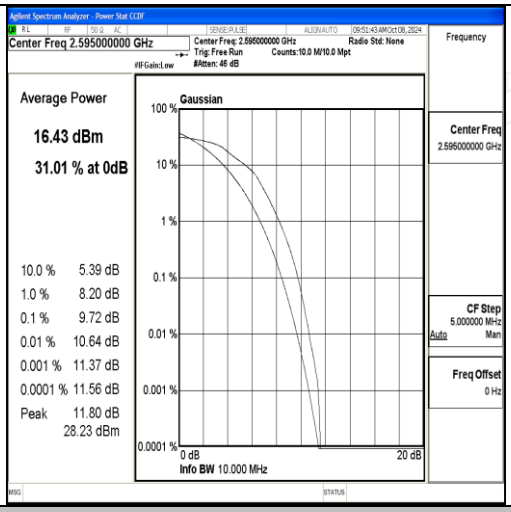


Band38-10MHz-QPSK-38000-50RB#0-PASS



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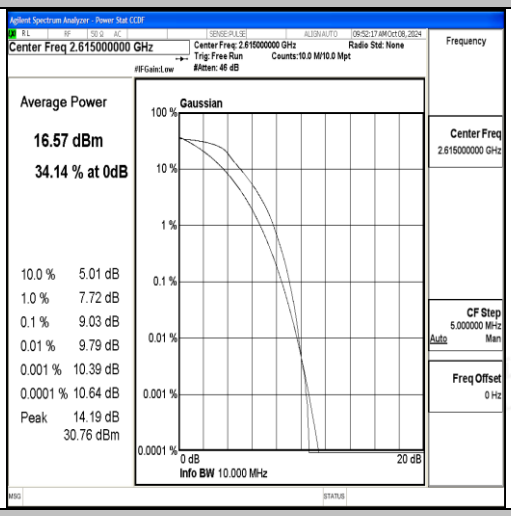
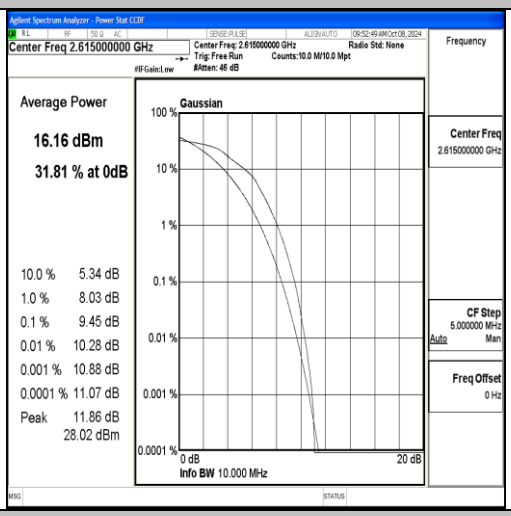
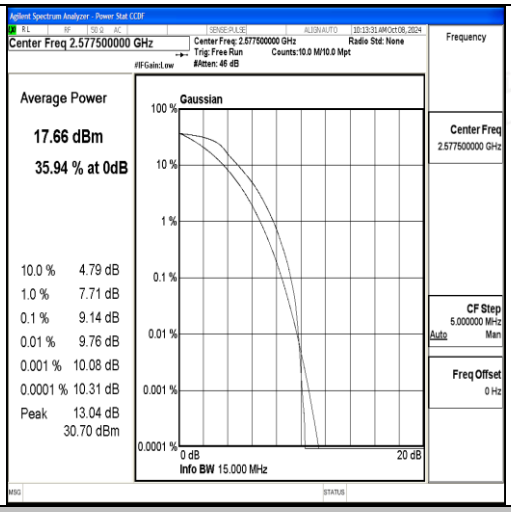


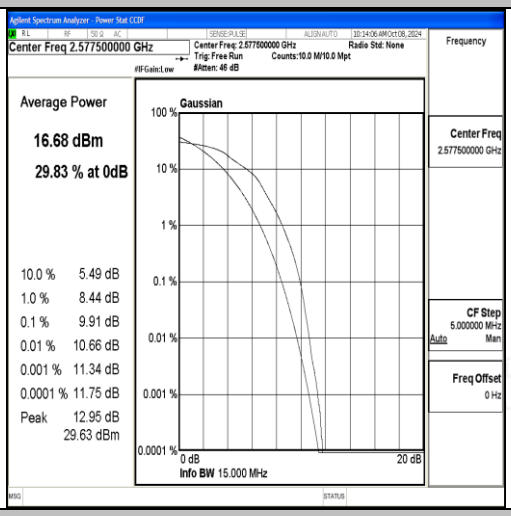
Band38-10MHz-QPSK-38200-50RB#0-PASS



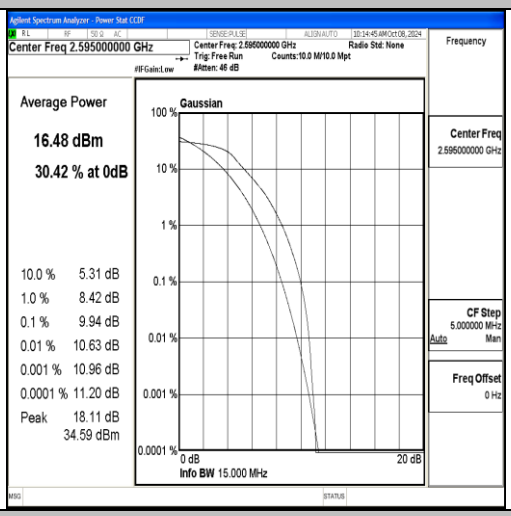
Band38-10MHz-16QAM-38200-50RB#0-PASS



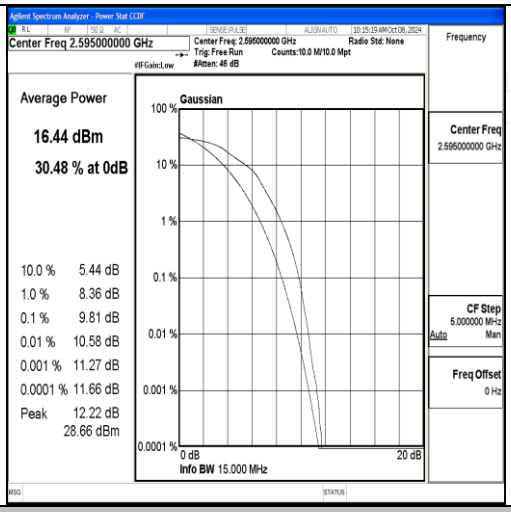
Band38-15MHz-QPSK-37825-75RB#0-PASS



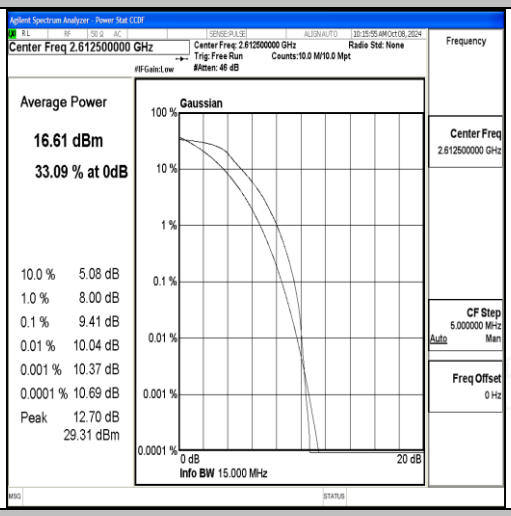
Band38-15MHz-16QAM-37825-75RB#0-PASS



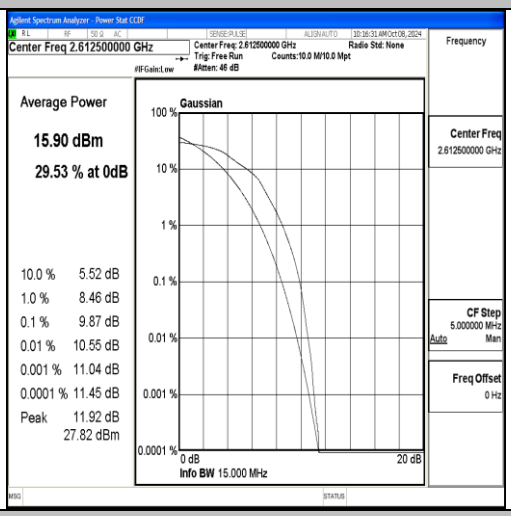
Band38-15MHz-QPSK-38000-75RB#0-PASS



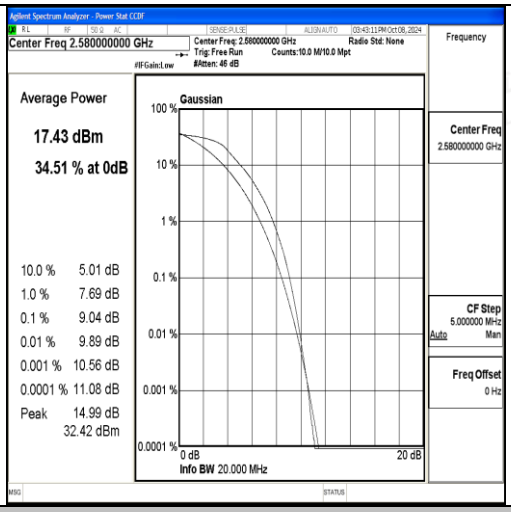
Band38-15MHz-16QAM-38000-75RB#0-PASS



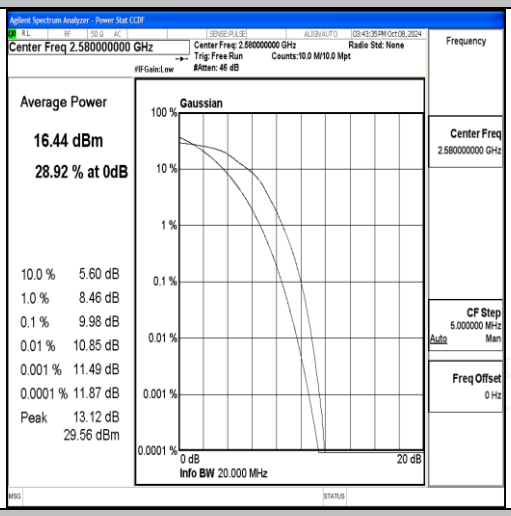
Band38-15MHz-QPSK-38175-75RB#0-PASS



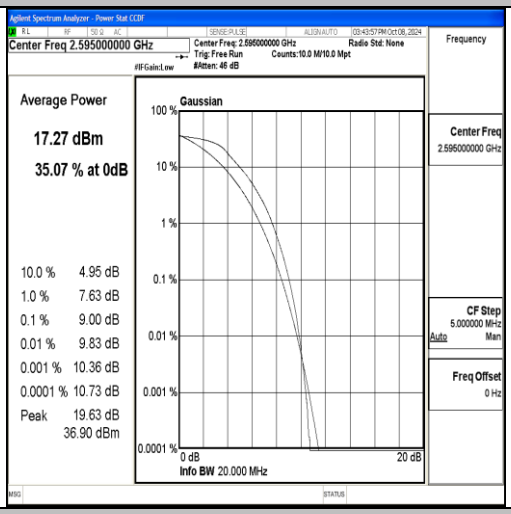
Band38-15MHz-16QAM-38175-75RB#0-PASS



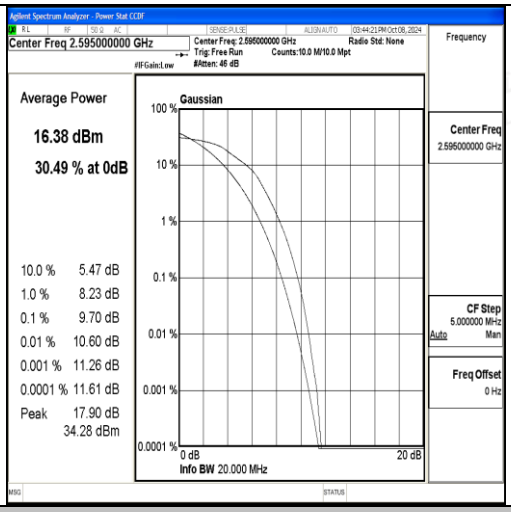
Band38-20MHz-QPSK-37850-100RB#0-PASS



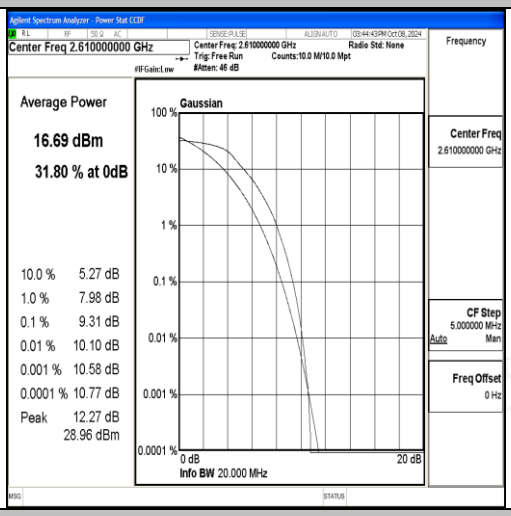
Band38-20MHz-16QAM-37850-100RB#0-PASS



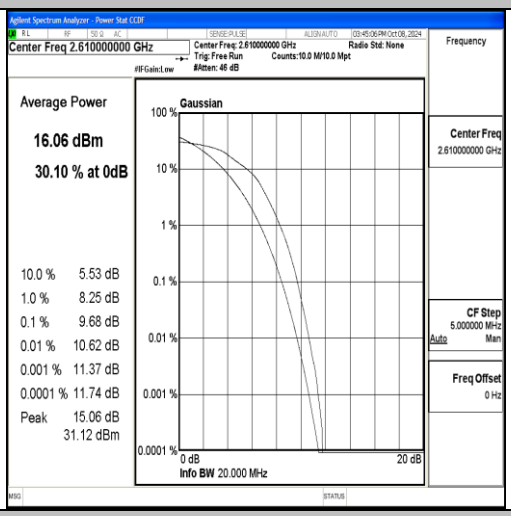
Band38-20MHz-QPSK-38000-100RB#0-PASS



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



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



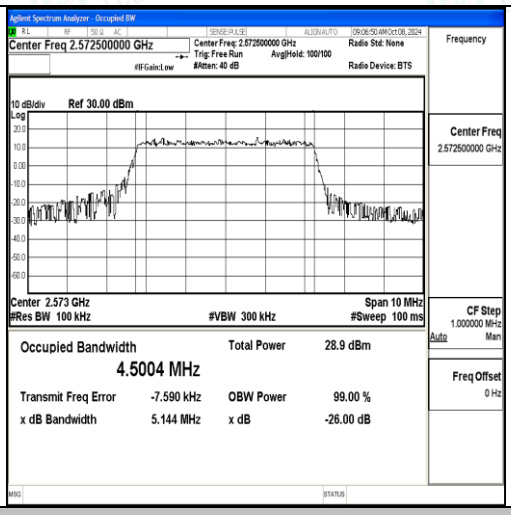
Band38-20MHz-16QAM-38150-100RB#0-PASS

N.3 26dB Bandwidth and Occupied Bandwidth

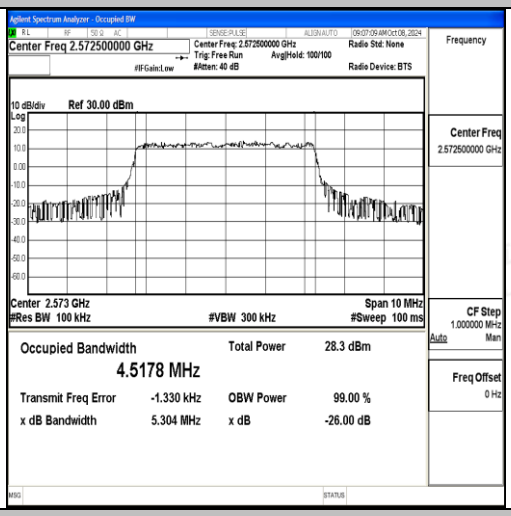
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5004	5.144	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5178	5.304	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5031	5.191	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5056	5.481	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4979	5.185	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5017	5.274	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0053	10.15	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0052	10.05	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9913	10.20	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0048	10.13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0457	10.32	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0292	10.92	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.534	15.10	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.494	15.19	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.545	16.15	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.508	15.59	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.484	16.02	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.569	16.62	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.055	20.57	PASS
Band38	20MHz	16QAM	37850	100RB#0	18.007	20.49	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.004	20.69	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.996	20.91	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.966	20.13	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.009	20.43	PASS

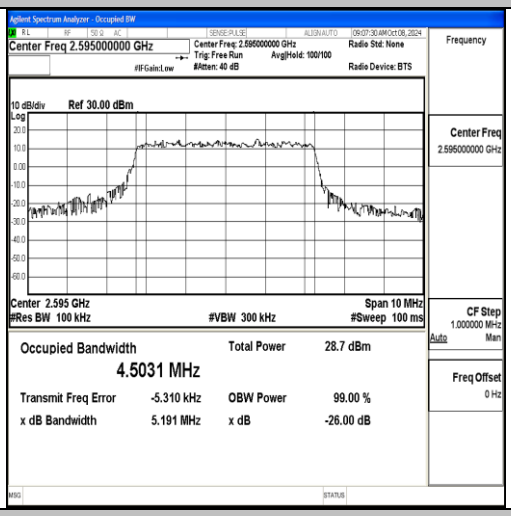
Test Graphs



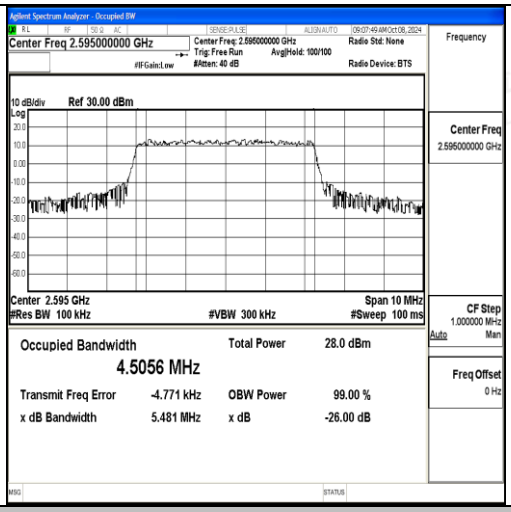
Band38-5MHz-QPSK-37775-25RB#0-PASS



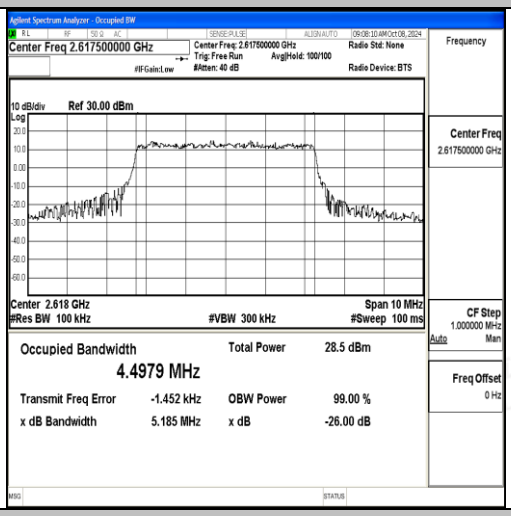
Band38-5MHz-16QAM-37775-25RB#0-PASS



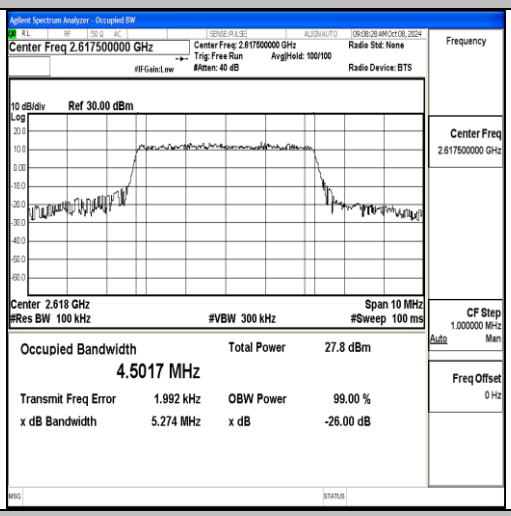
Band38-5MHz-QPSK-38000-25RB#0-PASS



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



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



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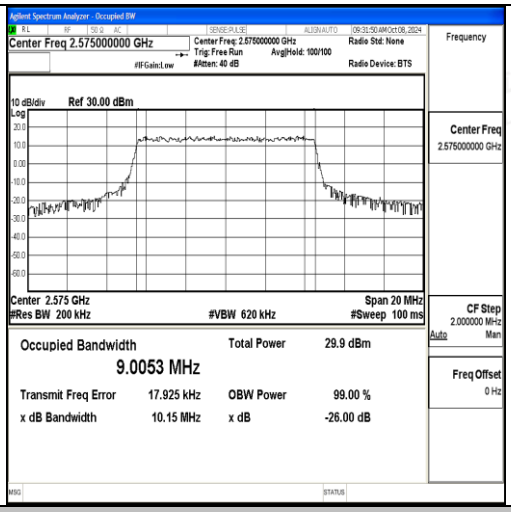
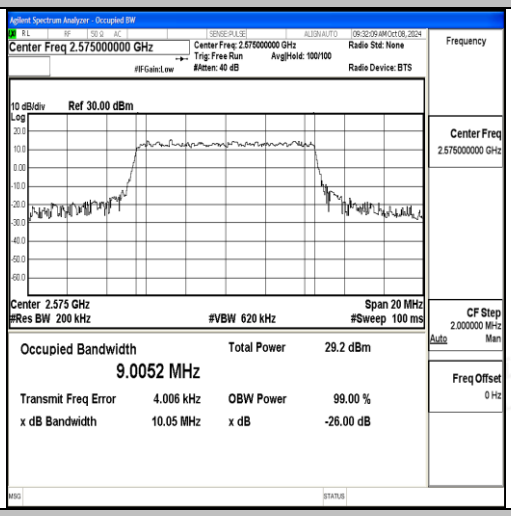
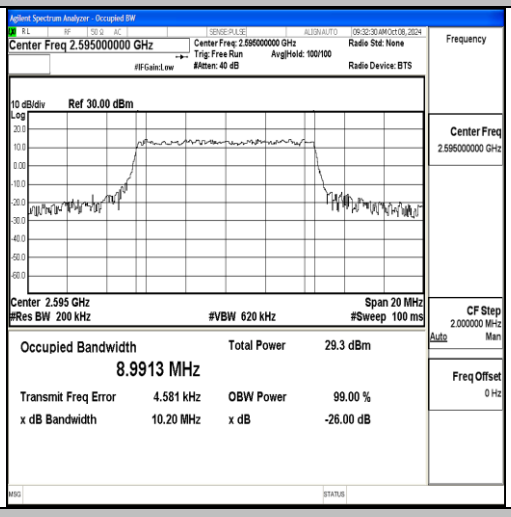


Band38-10MHz-QPSK-37800-50RB#0-PASS



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



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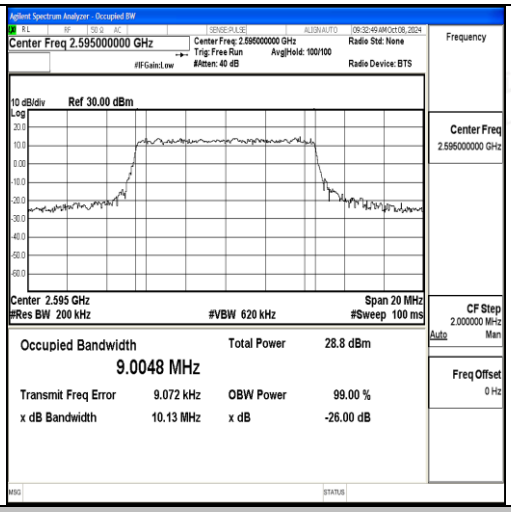
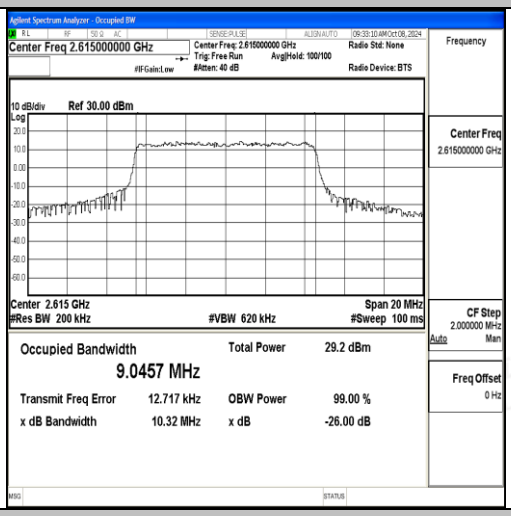
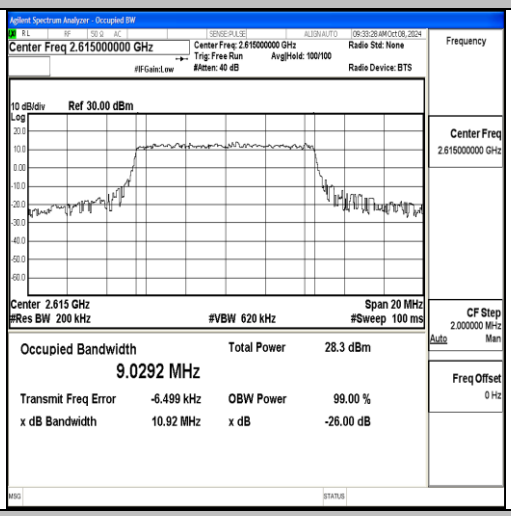


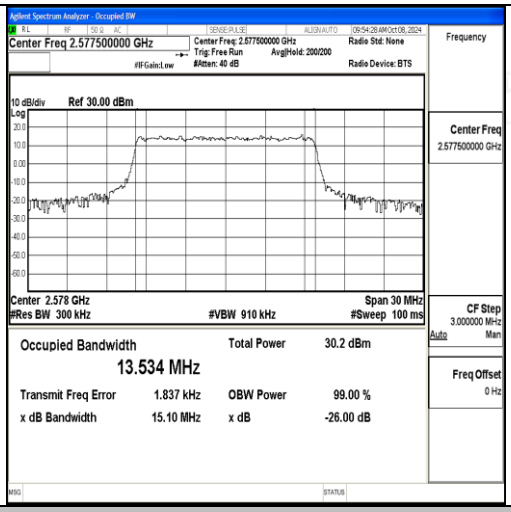
Band38-10MHz-16QAM-38000-50RB#0-PASS



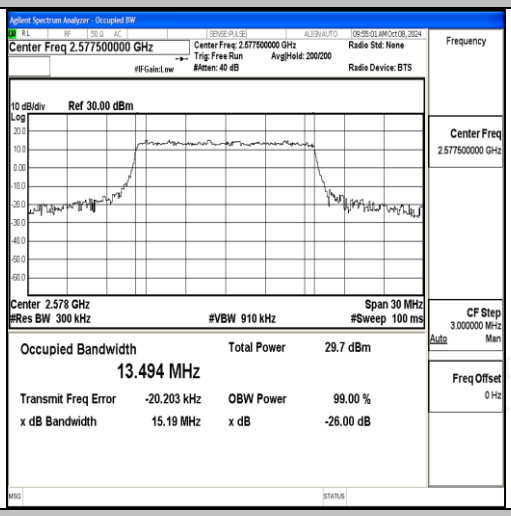
Band38-10MHz-QPSK-38200-50RB#0-PASS



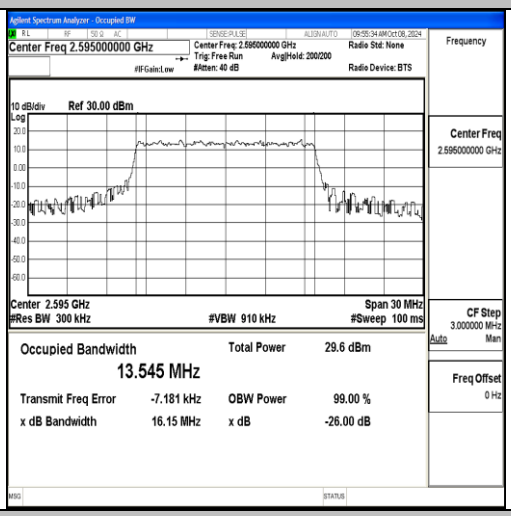
Band38-10MHz-16QAM-38200-50RB#0-PASS



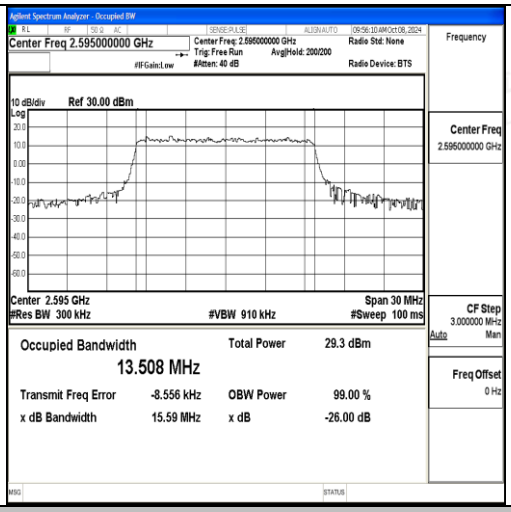
Band38-15MHz-QPSK-37825-75RB#0-PASS



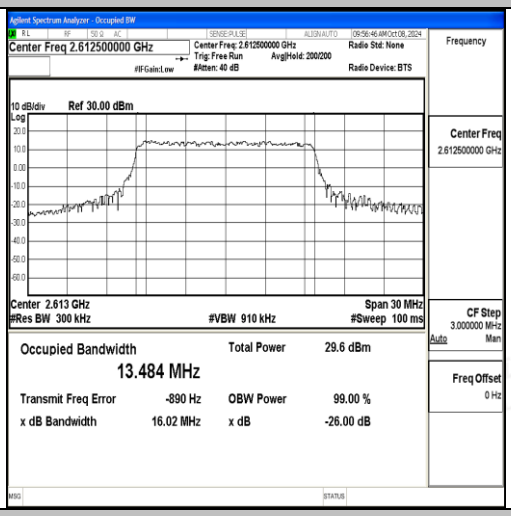
Band38-15MHz-16QAM-37825-75RB#0-PASS



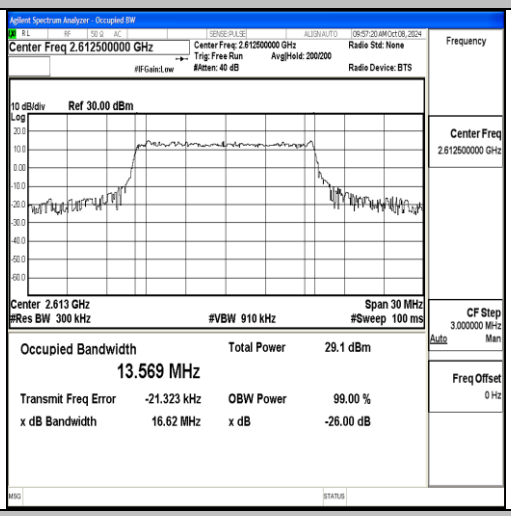
Band38-15MHz-QPSK-38000-75RB#0-PASS



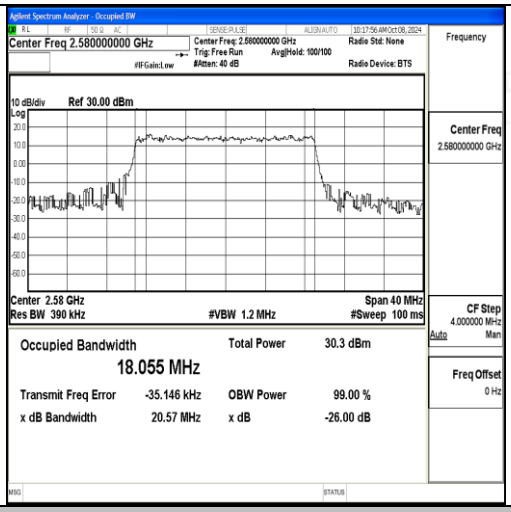
Band38-15MHz-16QAM-38000-75RB#0-PASS



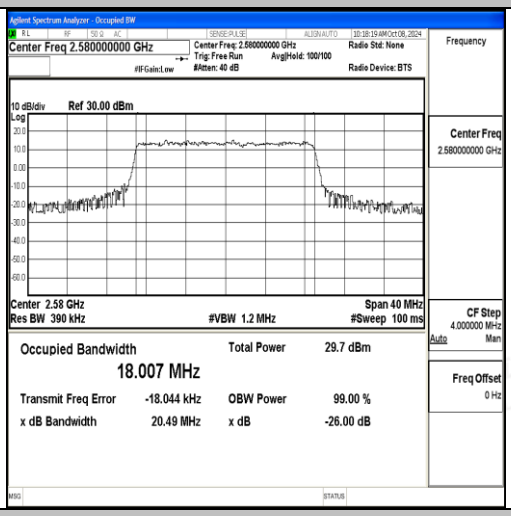
Band38-15MHz-QPSK-38175-75RB#0-PASS



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



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



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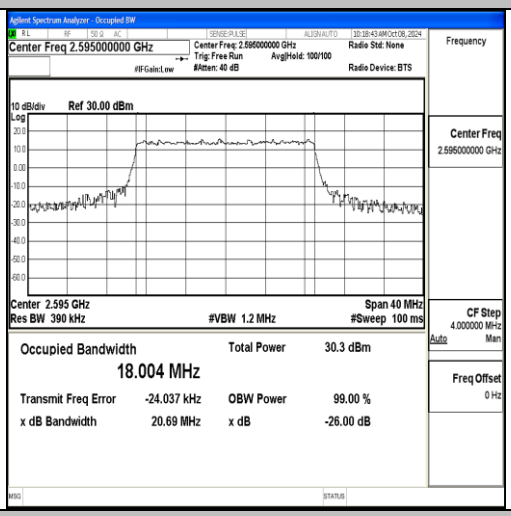

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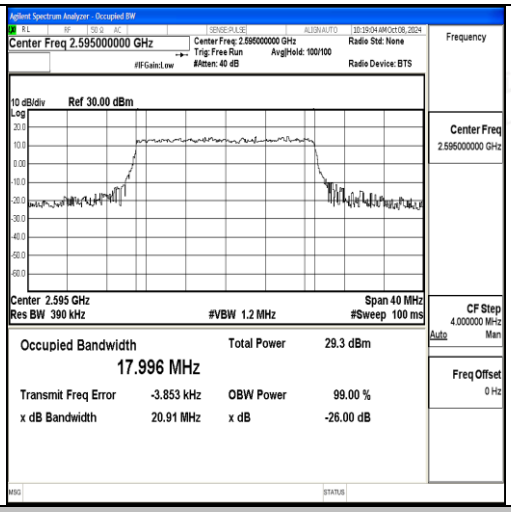

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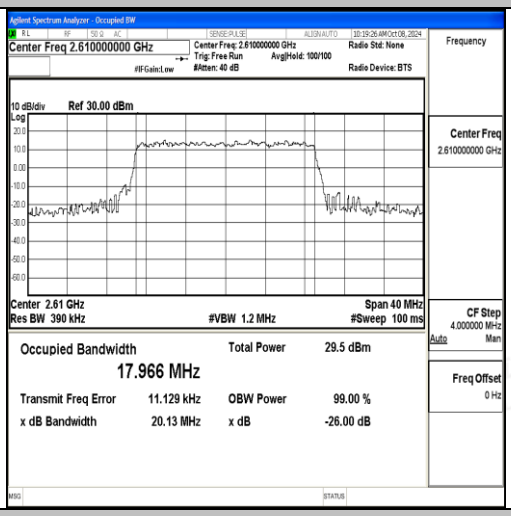
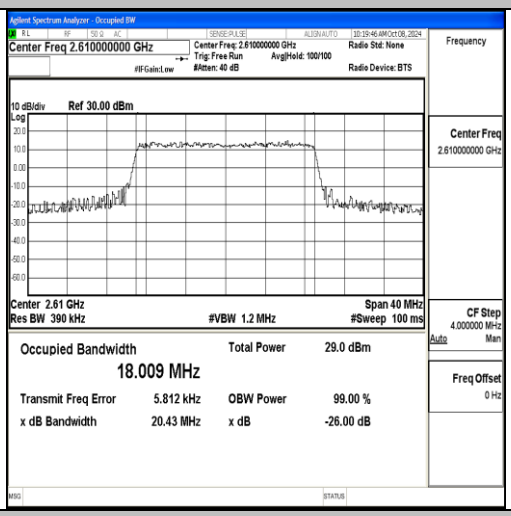


Band38-20MHz-QPSK-38150-100RB#0-PASS



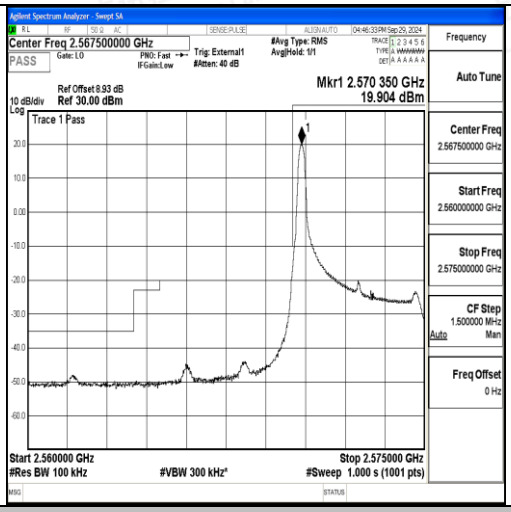
Band38-20MHz-16QAM-38150-100RB#0-PASS

N.4 Band Edge

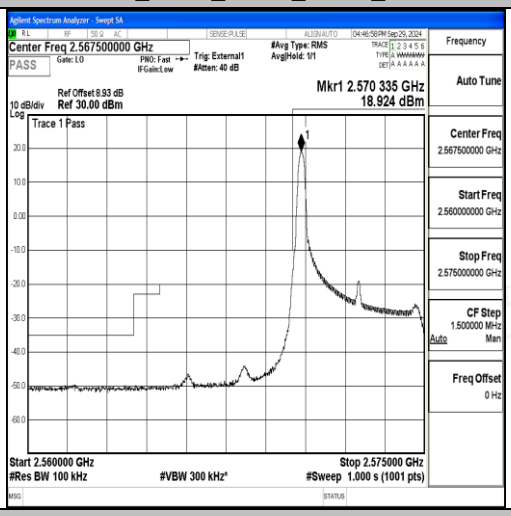
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	2569.99	-19.21	PASS
Band38	5MHz	16QAM	37775	1RB#0	2569.99	-20.01	PASS
Band38	5MHz	QPSK	37775	1RB#24	2563.42	-50.14	PASS
Band38	5MHz	16QAM	37775	1RB#24	2561.52	-50.10	PASS
Band38	5MHz	QPSK	38225	1RB#0	2628.10	-50.03	PASS
Band38	5MHz	16QAM	38225	1RB#0	2627.47	-49.95	PASS
Band38	5MHz	QPSK	37775	25RB#0	2563.89	-44.67	PASS
Band38	5MHz	16QAM	37775	25RB#0	2563.81	-45.42	PASS
Band38	5MHz	QPSK	38225	1RB#24	2620.01	-15.71	PASS
Band38	5MHz	16QAM	38225	1RB#24	2620.01	-16.50	PASS
Band38	10MHz	QPSK	37800	1RB#0	2570.00	-19.22	PASS
Band38	10MHz	16QAM	37800	1RB#0	2570.00	-21.24	PASS
Band38	10MHz	QPSK	37800	1RB#49	2556.33	-47.29	PASS
Band38	10MHz	16QAM	37800	1RB#49	2558.35	-47.37	PASS
Band38	5MHz	QPSK	38225	25RB#0	2626.25	-44.14	PASS
Band38	5MHz	16QAM	38225	25RB#0	2626.22	-45.31	PASS
Band38	10MHz	QPSK	38200	1RB#0	2633.03	-47.32	PASS
Band38	10MHz	16QAM	38200	1RB#0	2630.38	-47.36	PASS
Band38	10MHz	QPSK	38200	1RB#49	2620.00	-17.27	PASS
Band38	10MHz	16QAM	38200	1RB#49	2620.00	-19.64	PASS
Band38	10MHz	QPSK	37800	50RB#0	2559.93	-42.11	PASS
Band38	10MHz	16QAM	37800	50RB#0	2559.95	-41.85	PASS
Band38	10MHz	QPSK	38200	50RB#0	2630.03	-41.05	PASS
Band38	10MHz	16QAM	38200	50RB#0	2630.05	-40.66	PASS
Band38	15MHz	QPSK	37825	75RB#0	2554.48	-39.90	PASS
Band38	15MHz	16QAM	37825	75RB#0	2554.76	-39.89	PASS
Band38	15MHz	QPSK	38175	75RB#0	2635.03	-39.87	PASS
Band38	15MHz	16QAM	38175	75RB#0	2636.05	-39.75	PASS
Band38	20MHz	QPSK	37850	100RB#0	2549.95	-39.96	PASS
Band38	20MHz	16QAM	37850	100RB#0	2549.95	-41.04	PASS
Band38	20MHz	QPSK	38150	100RB#0	2640.10	-39.73	PASS
Band38	20MHz	16QAM	38150	100RB#0	2640.05	-39.95	PASS

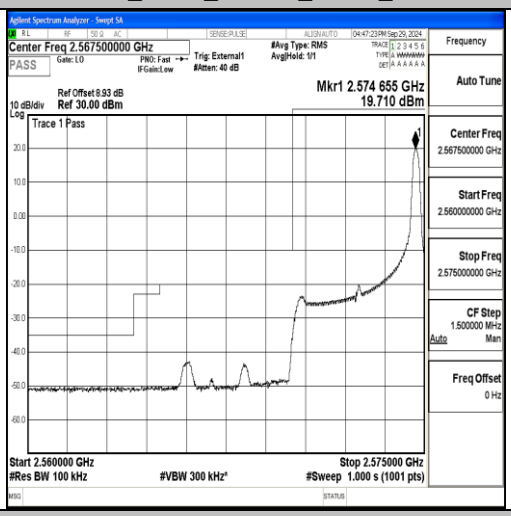
Test Graphs



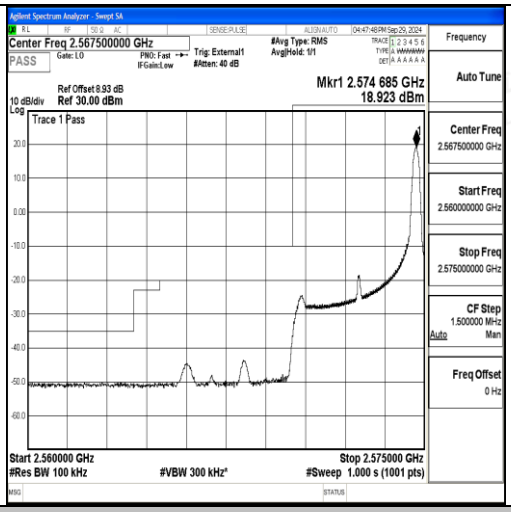
Band38_5MHz_QPSK_37775_1RB#0



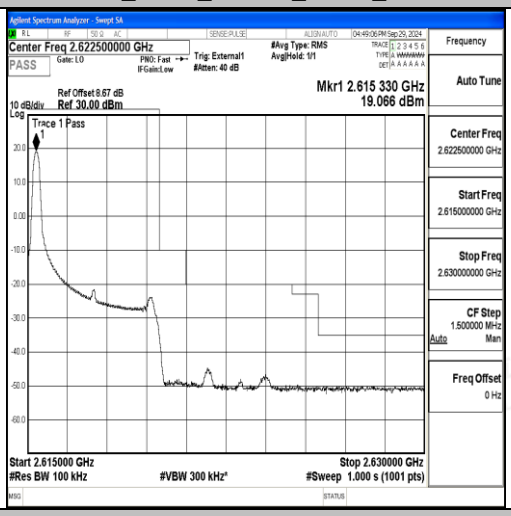
Band38_5MHz_16QAM_37775_1RB#0



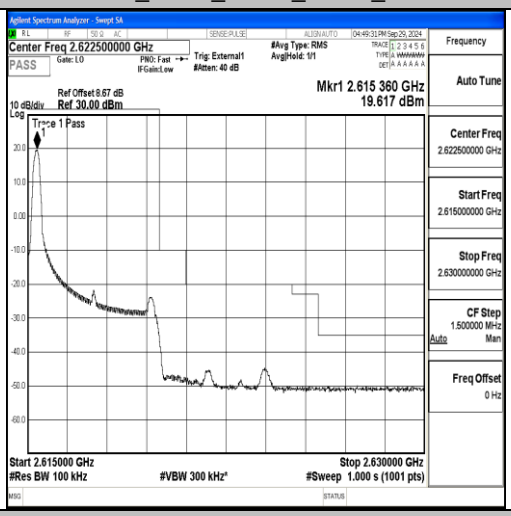
Band38_5MHz_QPSK_37775_1RB#24



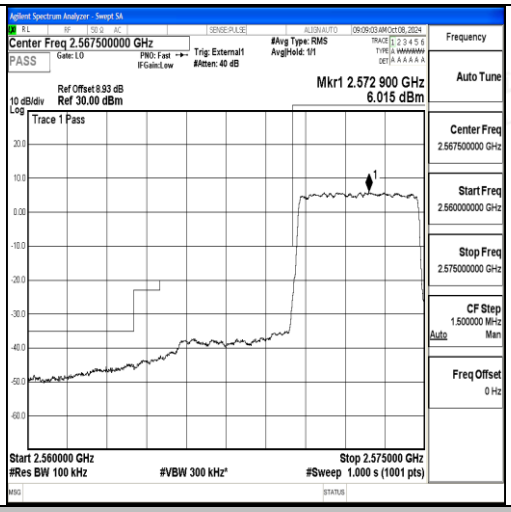
Band38_5MHz_16QAM_37775_1RB#24



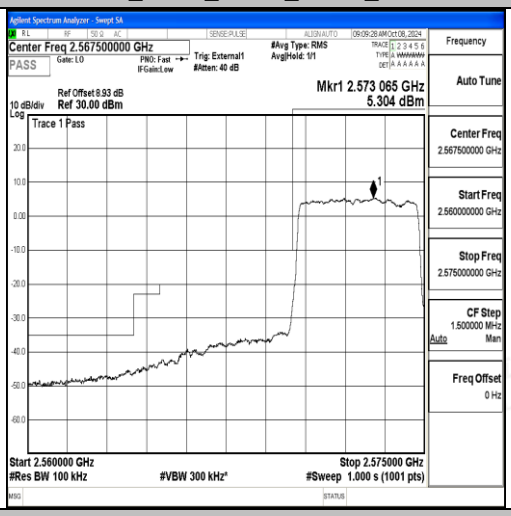
Band38_5MHz_QPSK_38225_1RB#0



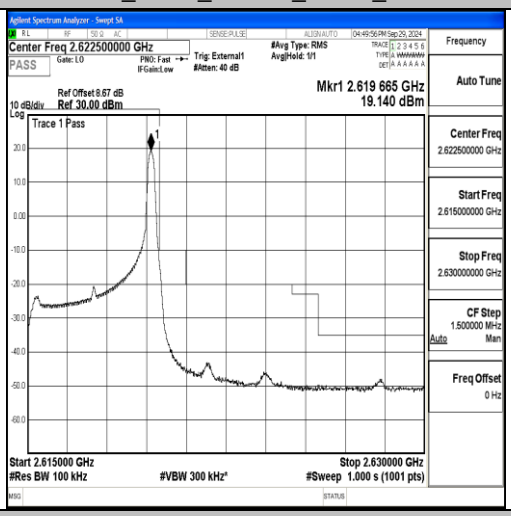
Band38_5MHz_16QAM_38225_1RB#0



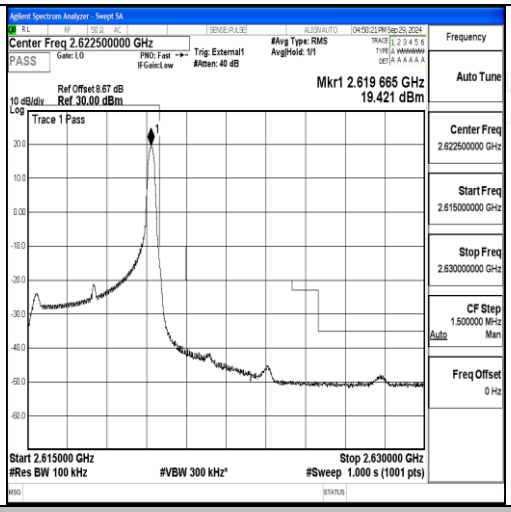
Band38_5MHz_QPSK_37775_25RB#0



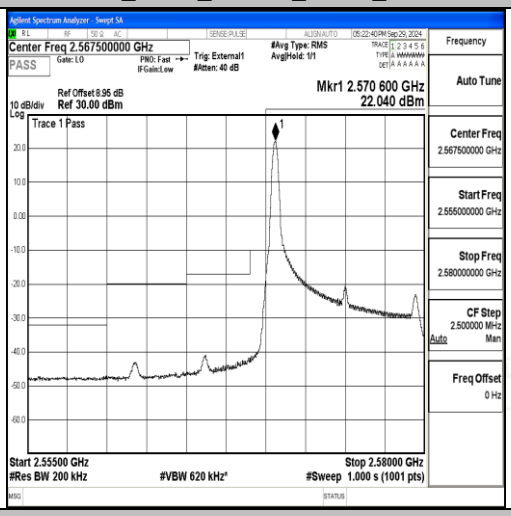
Band38_5MHz_16QAM_37775_25RB#0



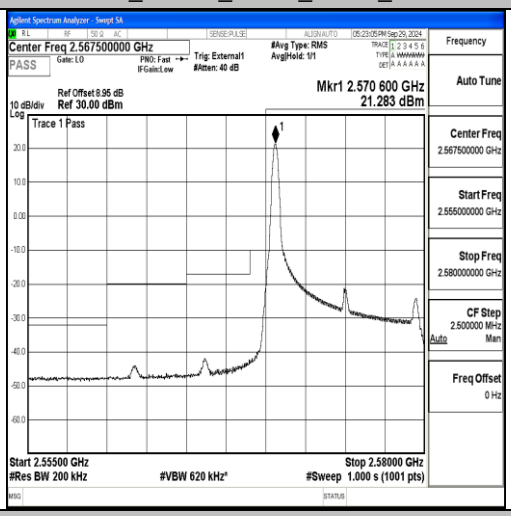
Band38_5MHz_QPSK_38225_1RB#24



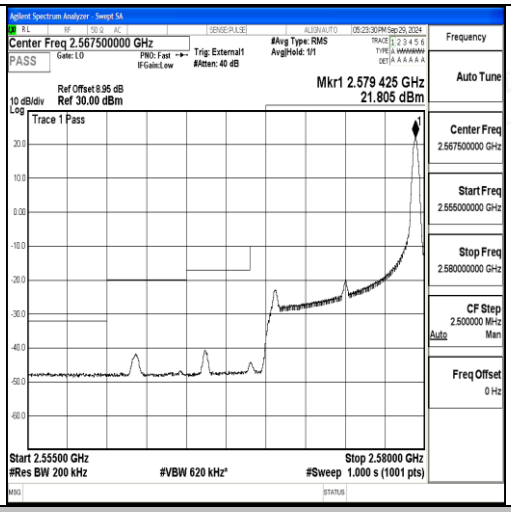
Band38_5MHz_16QAM_38225_1RB#24



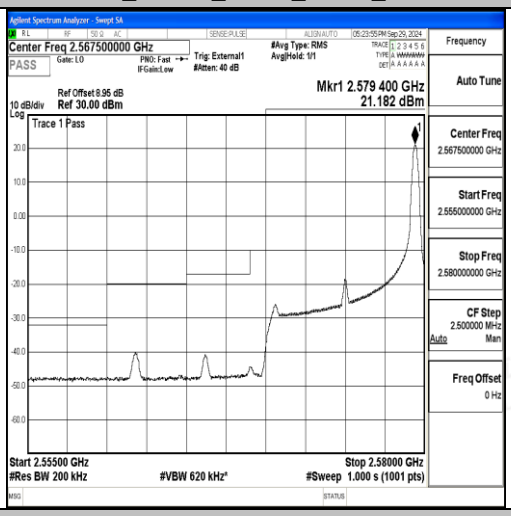
Band38_10MHz_QPSK_37800_1RB#0



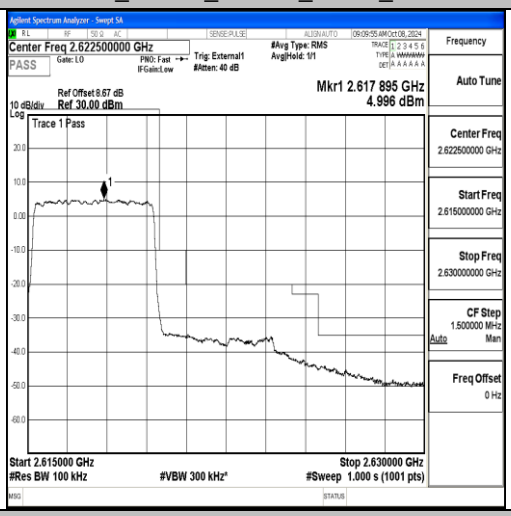
Band38_10MHz_16QAM_37800_1RB#0



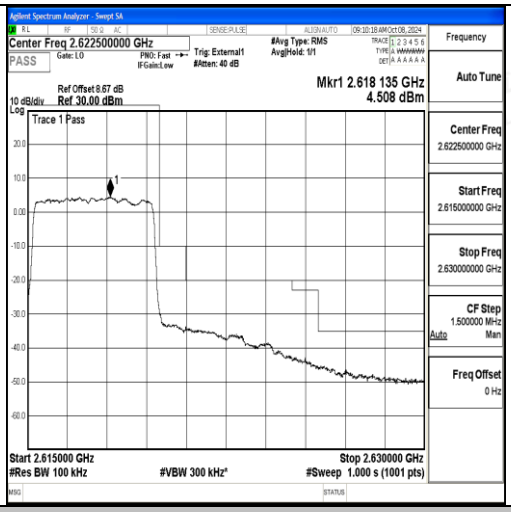
Band38_10MHz_QPSK_37800_1RB#49



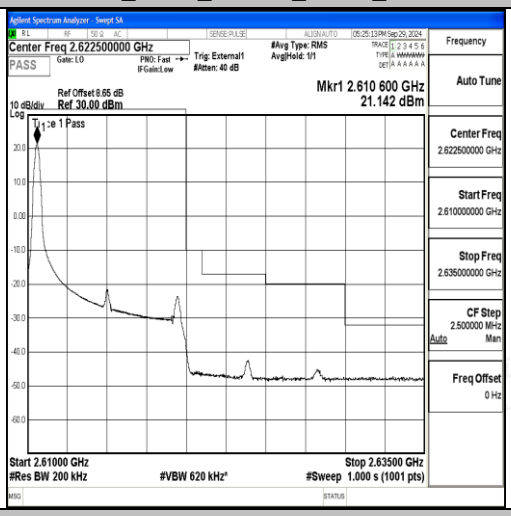
Band38_10MHz_16QAM_37800_1RB#49



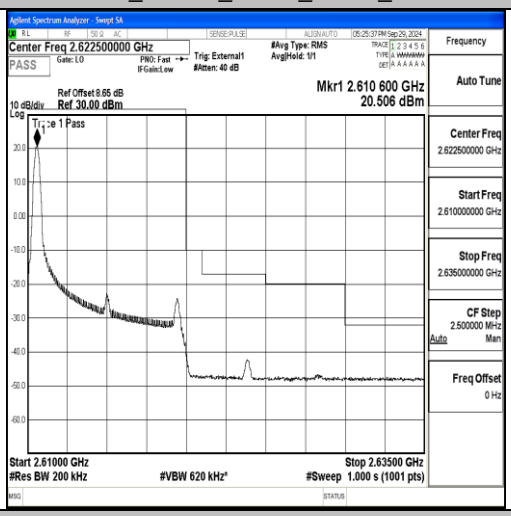
Band38_5MHz_QPSK_38225_25RB#0



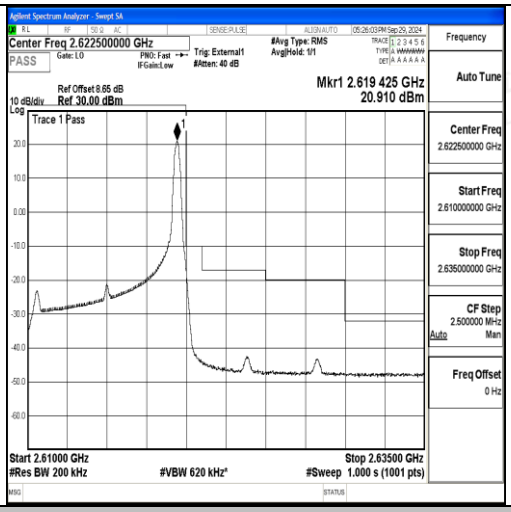
Band38_5MHz_16QAM_38225_25RB#0



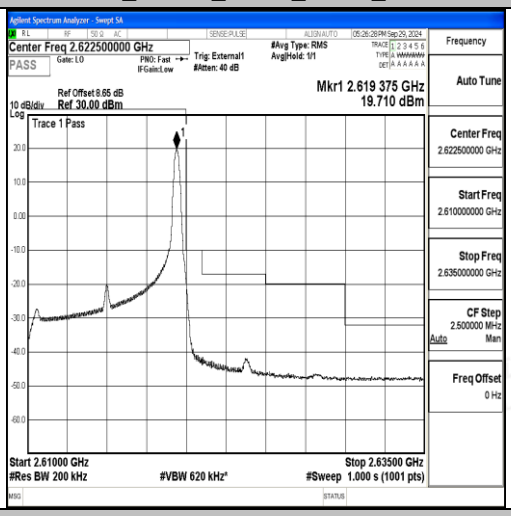
Band38_10MHz_QPSK_38200_1RB#0



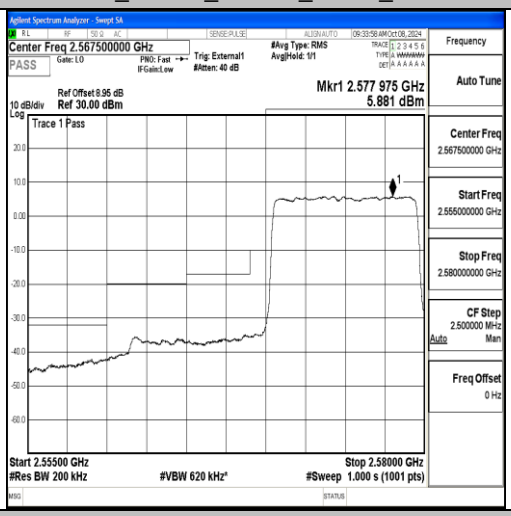
Band38_10MHz_16QAM_38200_1RB#0



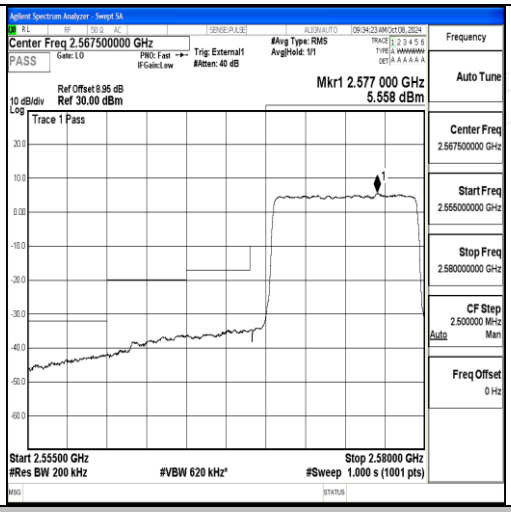
Band38_10MHz_QPSK_38200_1RB#49



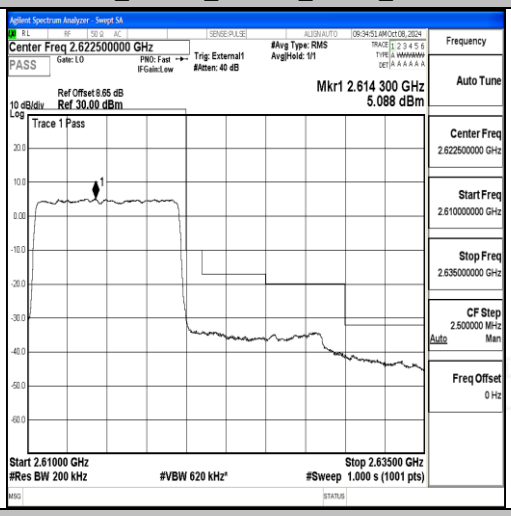
Band38_10MHz_16QAM_38200_1RB#49



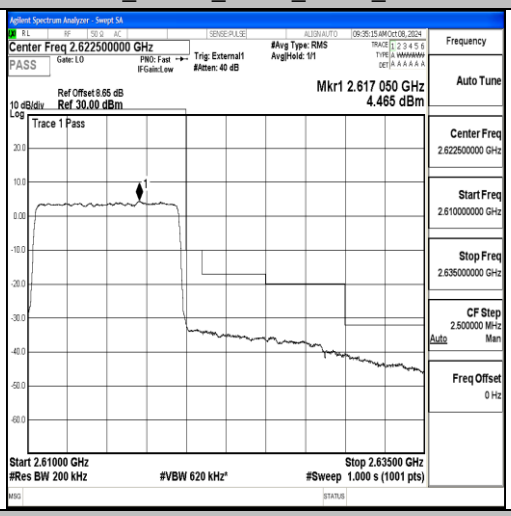
Band38_10MHz_QPSK_37800_50RB#0



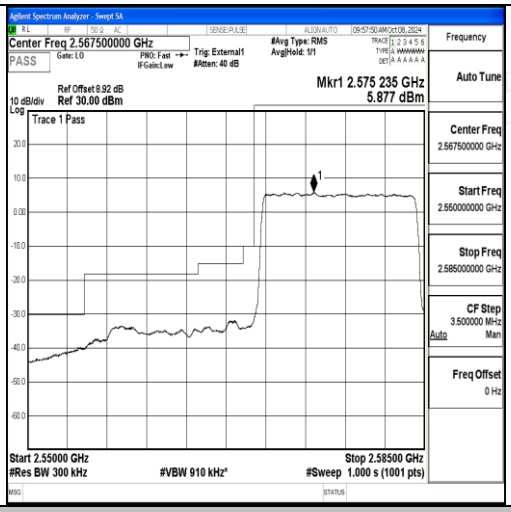
Band38_10MHz_16QAM_37800_50RB#0



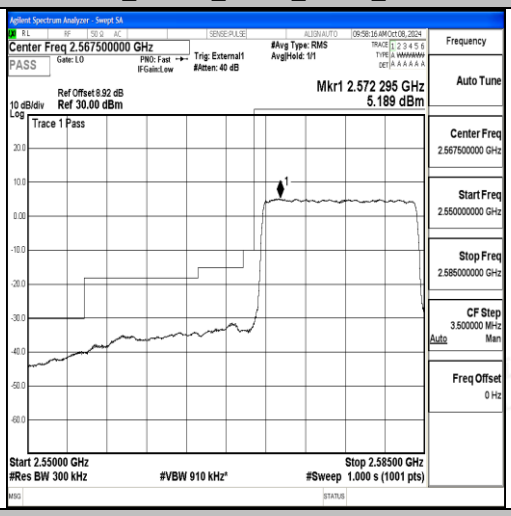
Band38_10MHz_QPSK_38200_50RB#0



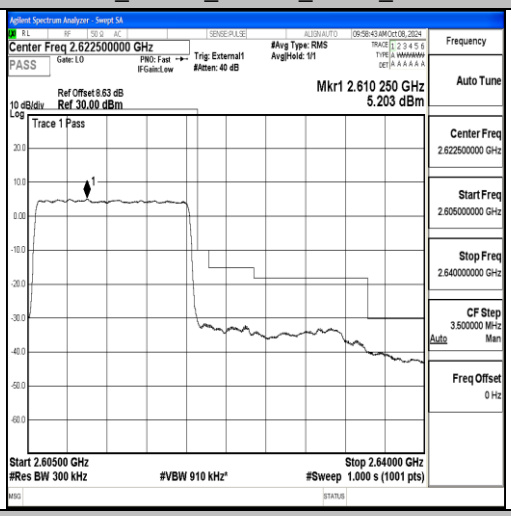
Band38_10MHz_16QAM_38200_50RB#0



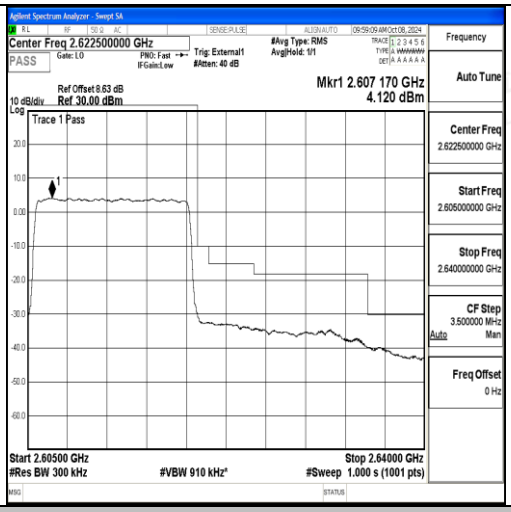
Band38_15MHz_QPSK_37825_75RB#0



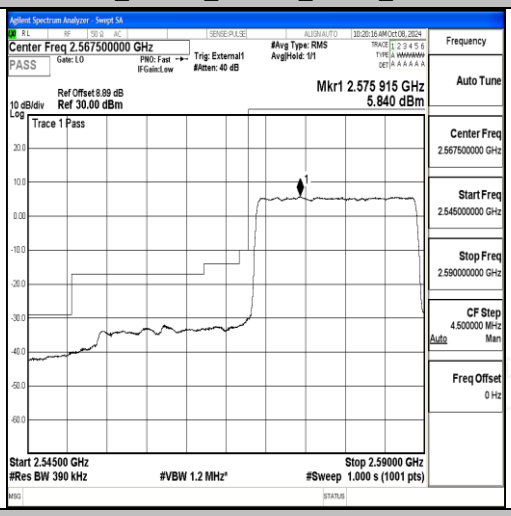
Band38_15MHz_16QAM_37825_75RB#0



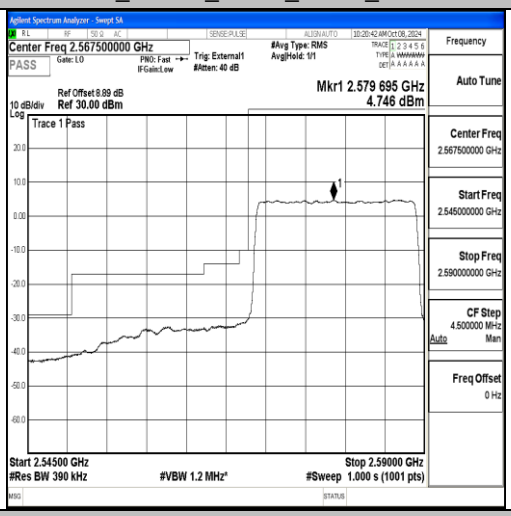
Band38_15MHz_QPSK_38175_75RB#0



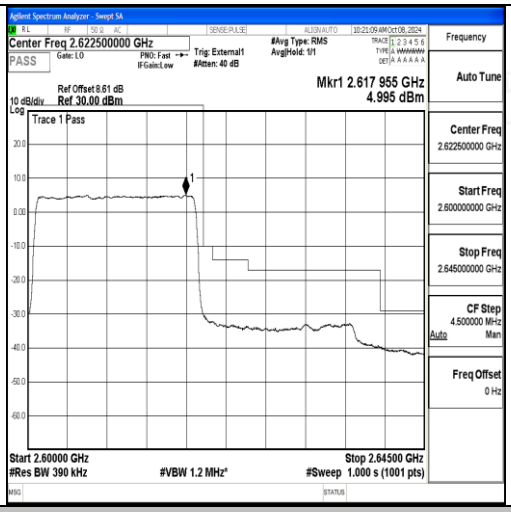
Band38_15MHz_16QAM_38175_75RB#0



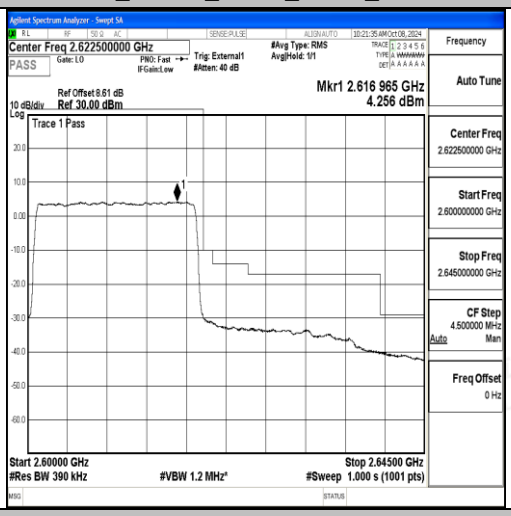
Band38_20MHz_QPSK_37850_100RB#0



Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0



Band38_20MHz_16QAM_38150_100RB#0

N.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-62.62	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-62.96	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-32.79	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-35.55	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-59.10	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-60.31	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-62.95	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-33.31	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-35.35	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-56.06	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-58.94	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-62.84	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-57.54	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-33.43	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-35.58	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-57.40	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-61.96	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-62.65	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-33.18	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-35.52	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-56.64	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-61.11	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-62.38	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-33.08	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-35.47	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-58.87	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-62.62	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-63.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-33.22	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-35.53	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-57.16	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-60.97	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-62.94	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-33.21	PASS

Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-35.30	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-58.59	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-59.07	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-62.82	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-33.37	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-35.57	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-56.91	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-60.49	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-62.68	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-33.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-35.59	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-57.36	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-60.93	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-62.90	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-33.25	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-35.62	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-56.60	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-61.58	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-62.81	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-33.49	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-35.53	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-57.94	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-61.02	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-62.75	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-33.51	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-35.43	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-56.75	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-61.33	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-63.08	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-33.23	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-35.59	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-57.53	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-60.82	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-62.83	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-33.65	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-35.49	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-57.81	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-60.75	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-62.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-33.25	PASS

Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-35.41	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-58.61	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-61.05	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-62.67	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-33.31	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-35.34	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-58.18	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-61.03	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-63.03	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-33.17	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-35.59	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-57.51	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-62.29	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-62.77	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-33.18	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-35.19	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-58.19	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-58.92	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-62.03	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-33.15	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-35.52	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-57.63	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-61.60	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-62.32	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-33.34	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-35.62	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-57.84	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-61.01	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-61.94	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-33.15	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-35.43	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-58.47	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-62.13	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-61.94	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-32.85	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-35.13	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-58.99	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-62.83	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-62.14	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-32.99	PASS

Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-35.07	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-57.99	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-58.36	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-62.07	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-33.30	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-35.26	PASS