Appendix-A LTE Band 38

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.41	23.2	33.01	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.46	22.25	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.40	23.19	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.30	23.09	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.37	23.16	33.01	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.43	22.22	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.37	23.16	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.31	23.1	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.37	23.16	33.01	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.45	22.24	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.41	23.2	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.35	23.14	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.88	22.67	33.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.50	21.29	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.85	22.64	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.69	22.48	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.76	22.55	33.01	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.46	21.25	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.78	22.57	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.72	22.51	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.96	22.75	33.01	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.46	21.25	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.77	22.56	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.76	22.55	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.63	21.42	33.01	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.45	20.24	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.61	21.4	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.55	21.34	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.48	21.27	33.01	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.38	20.17	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.59	21.38	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.44	21.23	33.01	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.50	21.29	33.01	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.37	20.16	33.01	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.61	21.4	33.01	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.53	21.32	33.01	PASS

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Band38	5MHz	256QAM	37775	1RB#0	19.54	18.33	33.01	PASS
Band38	5MHz	256QAM	37775	25RB#0	19.45	18.24	33.01	PASS
Band38	5MHz	256QAM	37775	1RB#12	19.59	18.38	33.01	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.36	18.15	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#0	19.46	18.25	33.01	PASS
Band38	5MHz	256QAM	38000	25RB#0	19.43	18.22	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#12	19.50	18.29	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#24	19.50	18.29	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#0	19.43	18.22	33.01	PASS
Band38	5MHz	256QAM	38225	25RB#0	19.41	18.2	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#12	19.53	18.32	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#24	19.38	18.17	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.50	23.29	33.01	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.42	22.21	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.40	23.19	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.20	22.99	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.36	23.15	33.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.40	22.19	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.39	23.18	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.24	23.03	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.32	23.11	33.01	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.51	22.3	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.42	23.21	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.30	23.09	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.89	22.68	33.01	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.44	21.23	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.68	22.47	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.53	22.32	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.65	22.44	33.01	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.45	21.24	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.68	22.47	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.65	22.44	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.73	22.52	33.01	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.54	21.33	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.69	22.48	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.64	22.43	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.80	21.59	33.01	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.34	20.13	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.70	21.49	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#49	22.48	21.27	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.60	21.39	33.01	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.34	20.13	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.60	21.39	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.48	21.27	33.01	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.55	21.34	33.01	PASS

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Band38	10MHz	64QAM	38200	50RB#0	21.42	20.21	33.01	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.70	21.49	33.01	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.54	21.33	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.63	18.42	33.01	PASS
Band38	10MHz	256QAM	37800	50RB#0	19.40	18.19	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.48	18.27	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.32	18.11	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.58	18.37	33.01	PASS
Band38	10MHz	256QAM	38000	50RB#0	19.31	18.1	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#24	19.48	18.27	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.36	18.15	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#0	19.53	18.32	33.01	PASS
Band38	10MHz	256QAM	38200	50RB#0	19.52	18.31	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.62	18.41	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#49	19.47	18.26	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.47	23.26	33.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.44	22.23	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.26	23.05	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.38	23.17	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.29	23.08	33.01	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.35	22.14	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.30	23.09	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.25	23.04	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.30	23.09	33.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.42	22.21	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.48	23.27	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.30	23.09	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.78	22.57	33.01	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.44	21.23	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.62	22.41	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.72	22.51	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.60	22.39	33.01	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.38	21.17	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.55	22.34	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.65	22.44	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.66	22.45	33.01	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.45	21.24	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.77	22.56	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.72	22.51	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.62	21.41	33.01	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.36	20.15	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.59	21.38	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.57	21.36	33.01	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.47	21.26	33.01	PASS
Band38	15MHz	64QAM	38000	75RB#0	21.29	20.08	33.01	PASS

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Band38	15MHz	64QAM	38000	1RB#38	22.56	21.35	33.01	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.43	21.22	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.47	21.26	33.01	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.35	20.14	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.57	21.36	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.64	21.43	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#0	19.69	18.48	33.01	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.38	18.17	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.44	18.23	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.29	18.08	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.63	18.42	33.01	PASS
Band38	15MHz	256QAM	38000	75RB#0	19.33	18.12	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#38	19.55	18.34	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#74	19.14	17.93	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.51	18.3	33.01	PASS
Band38	15MHz	256QAM	38175	75RB#0	19.40	18.19	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#38	19.46	18.25	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#74	19.19	17.98	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.52	23.31	33.01	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.45	22.24	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.36	23.15	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.34	23.13	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.33	23.12	33.01	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.37	22.16	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.44	23.23	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.27	23.06	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.32	23.11	33.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.50	22.29	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.44	23.23	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.32	23.11	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.91	22.7	33.01	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.48	21.27	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.63	22.42	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.65	22.44	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.62	22.41	33.01	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.38	21.17	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.68	22.47	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.58	22.37	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.64	22.43	33.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.46	21.25	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.70	22.49	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.60	22.39	33.01	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.65	21.44	33.01	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.33	20.12	33.01	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.65	21.44	33.01	PASS

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Band38	20MHz	64QAM	37850	1RB#99	22.50	21.29	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.53	21.32	33.01	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.29	20.08	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.56	21.35	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.52	21.31	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.50	21.29	33.01	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.36	20.15	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.54	21.33	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.49	21.28	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.59	18.38	33.01	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.34	18.13	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#49	19.50	18.29	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#99	19.30	18.09	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.57	18.36	33.01	PASS
Band38	20MHz	256QAM	38000	100RB#0	19.30	18.09	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#49	19.43	18.22	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#99	19.20	17.99	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#0	19.66	18.45	33.01	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.40	18.19	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#49	19.46	18.25	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#99	19.19	17.98	33.01	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.45	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.82	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.19	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.38	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.04	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.48	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	9.36	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.43	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.52	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	10.48	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	10.40	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	10.63	13	PASS

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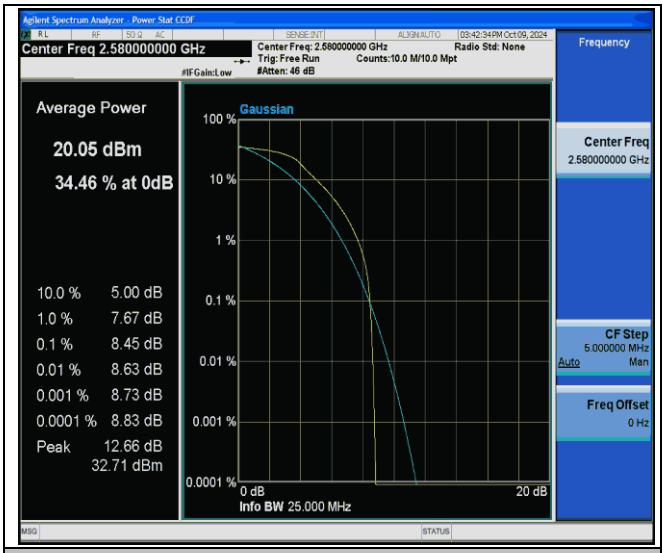
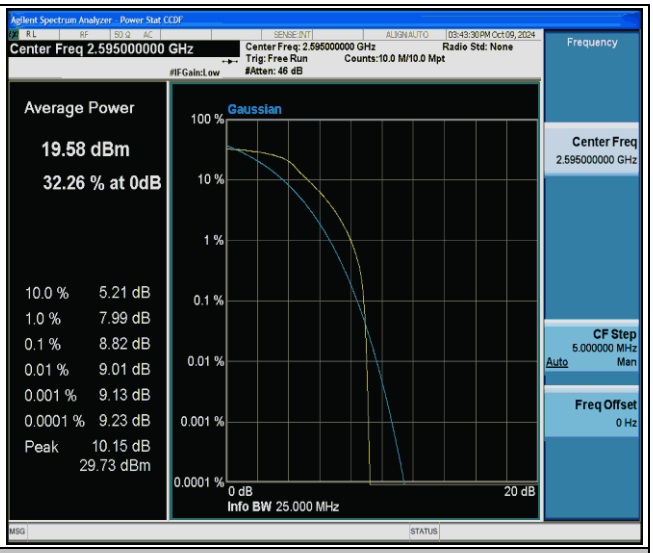
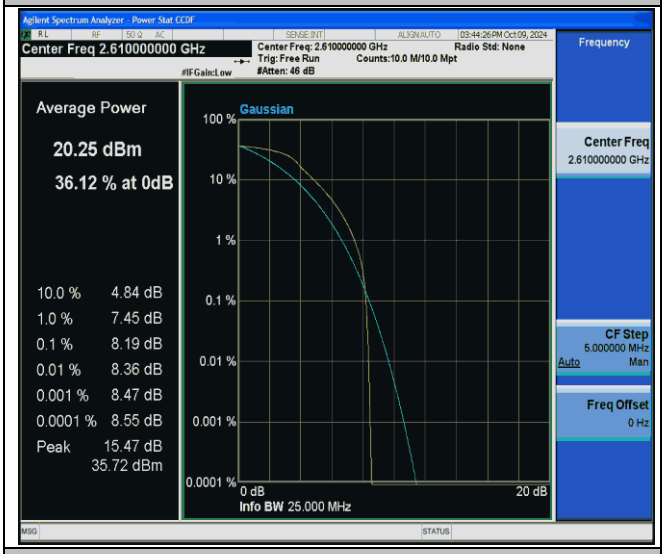
Test Graphs



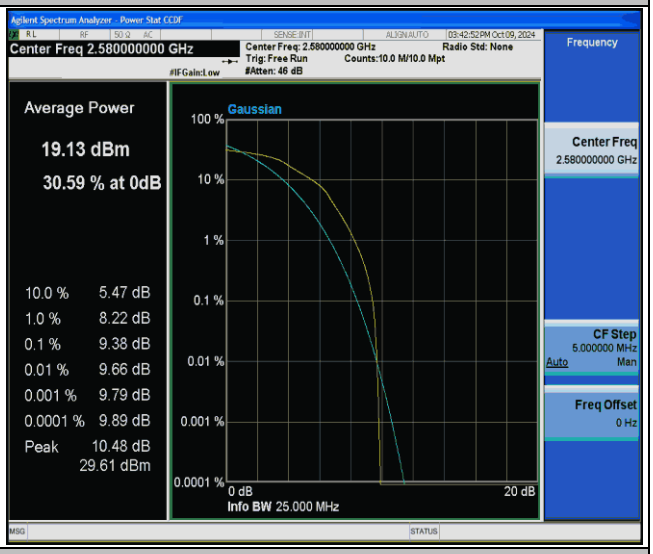
Band38-20MHz-QPSK-37850-100RB#0-PASS



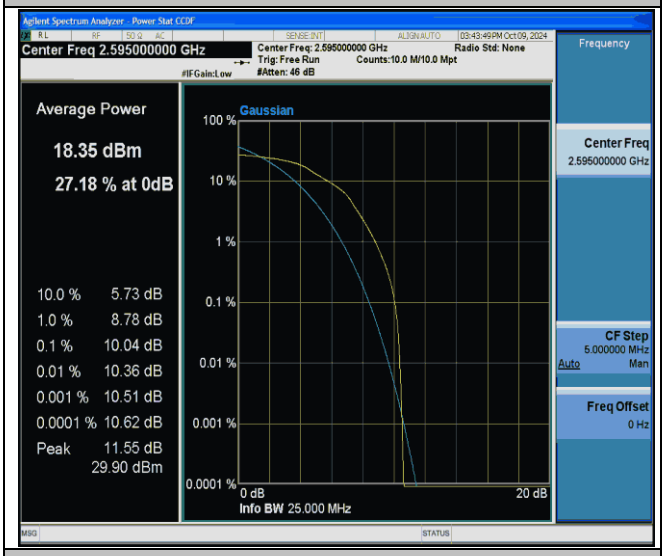
Band38-20MHz-QPSK-38000-100RB#0-PASS



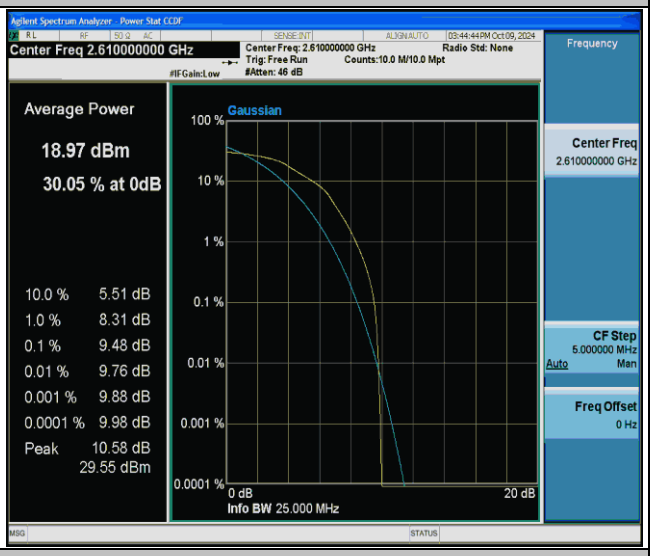
Band38-20MHz-QPSK-38150-100RB#0-PASS



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



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



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

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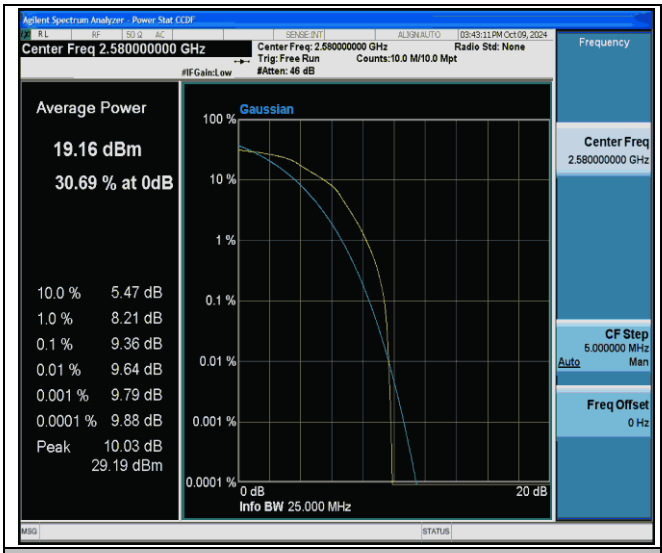
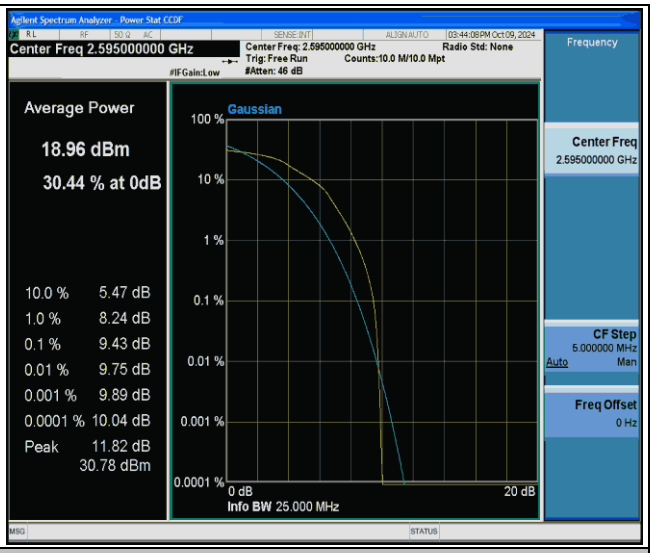
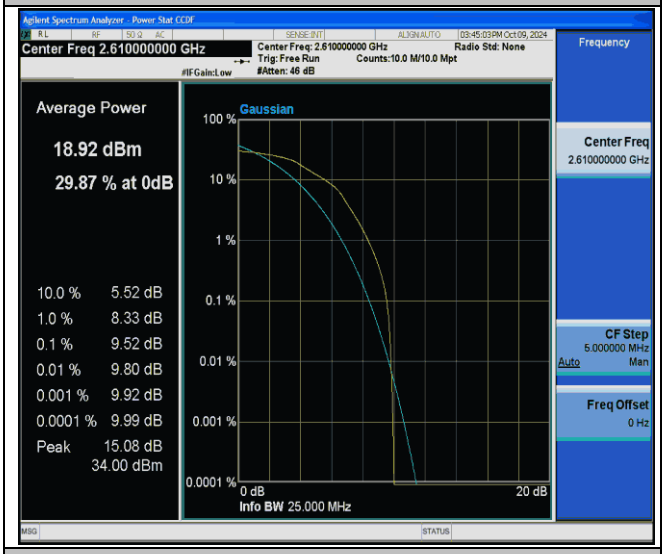


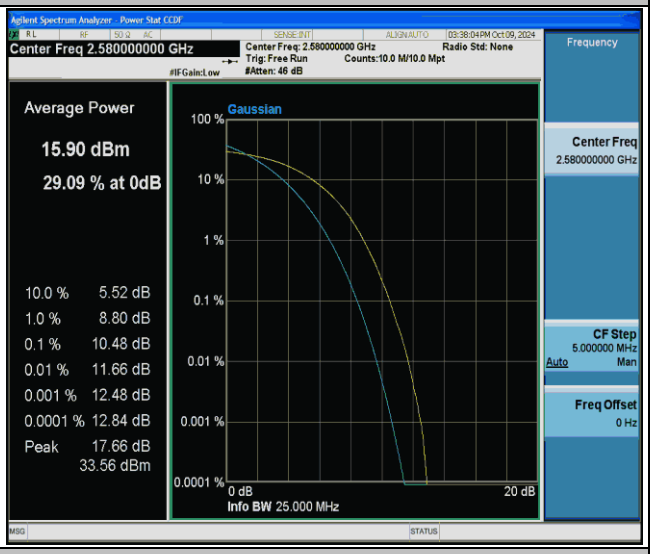
Band38-20MHz-64QAM-37850-100RB#0-PASS



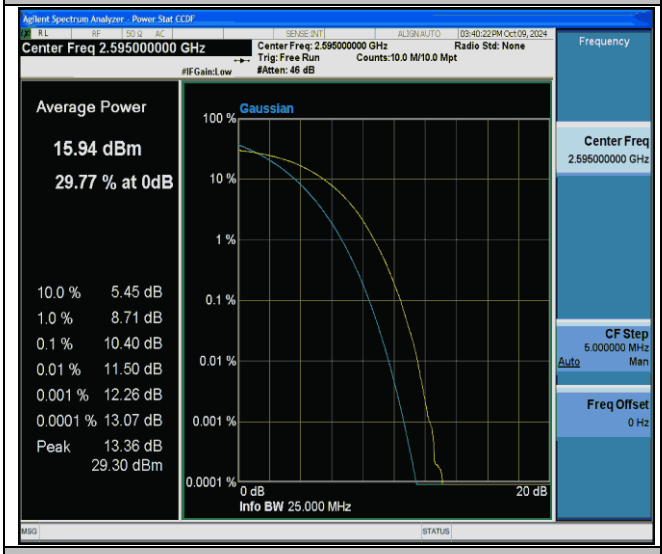
Band38-20MHz-64QAM-38000-100RB#0-PASS



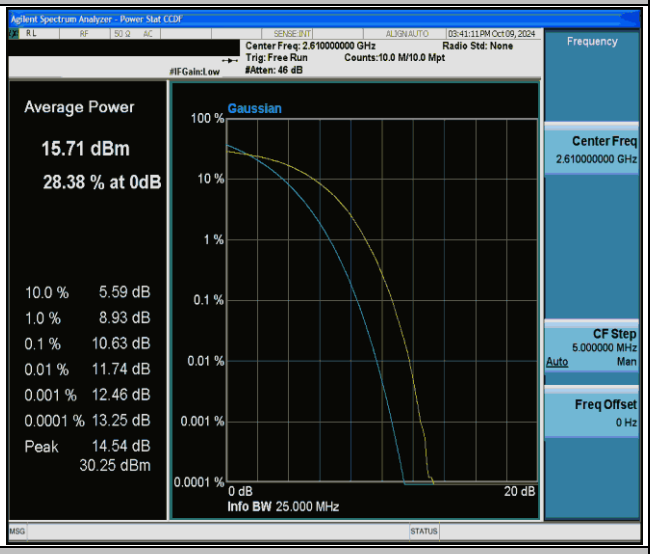
Band38-20MHz-64QAM-38150-100RB#0-PASS



Band38-20MHz-256QAM-37850-100RB#0-PASS



Band38-20MHz-256QAM-38000-100RB#0-PASS



Band38-20MHz-256QAM-38150-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5083	5.334	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5125	5.209	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5132	5.333	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5058	5.325	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5073	5.098	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5122	5.221	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.5102	5.143	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.5049	5.399	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.5034	5.194	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.5193	5.308	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.5053	5.207	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.5179	5.214	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9999	10.07	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0029	10.29	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9948	10.37	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9904	10.43	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0097	10.13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0069	10.04	PASS
Band38	10MHz	64QAM	37800	50RB#0	9.0032	10.39	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.9774	10.39	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.9907	10.43	PASS
Band38	10MHz	256QAM	37800	50RB#0	8.9815	10.54	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.9793	10.61	PASS
Band38	10MHz	256QAM	38200	50RB#0	8.9922	10.30	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.475	15.03	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.489	15.74	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.496	14.81	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.485	15.30	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.495	16.24	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.517	14.97	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.524	15.29	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.489	15.35	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.497	15.40	PASS
Band38	15MHz	256QAM	37825	75RB#0	13.508	15.47	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.492	15.56	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.510	15.24	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.975	20.07	PASS

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Band38	20MHz	QPSK	38000	100RB#0	17.980	20.53	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.993	21.02	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.992	19.80	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.961	19.96	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.958	20.62	PASS
Band38	20MHz	64QAM	37850	100RB#0	18.019	20.21	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.992	21.62	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.994	21.03	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.973	19.73	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.936	20.25	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.957	19.80	PASS

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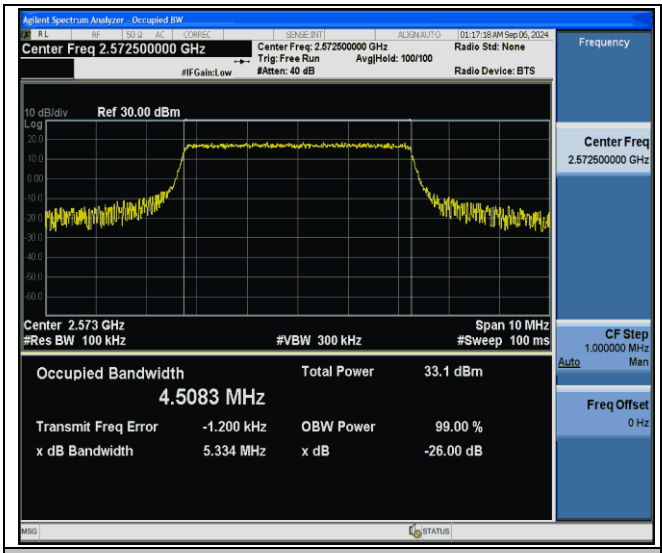
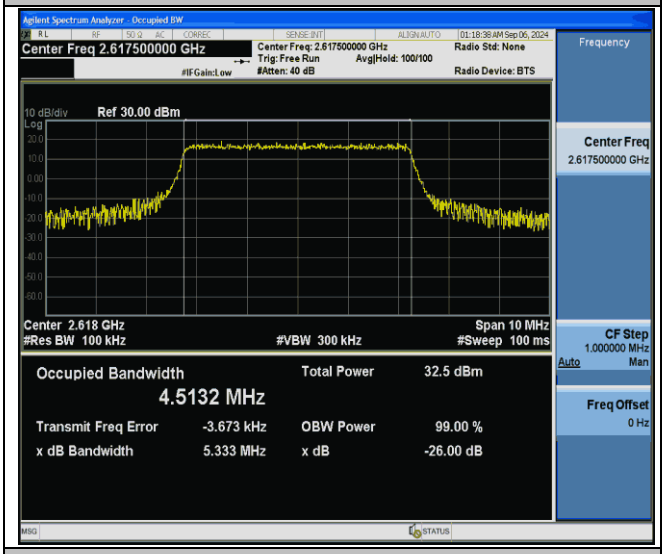
Test Graphs



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

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



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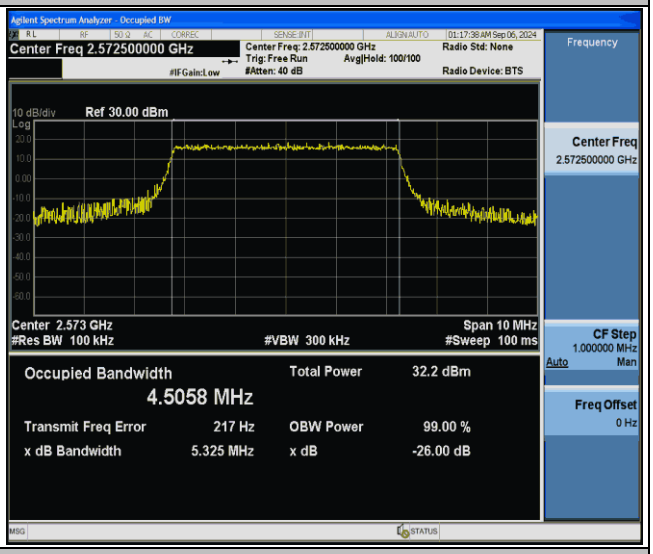

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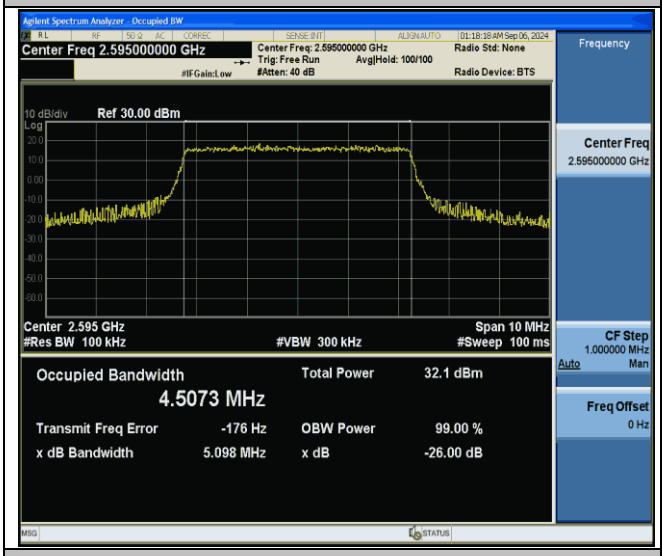

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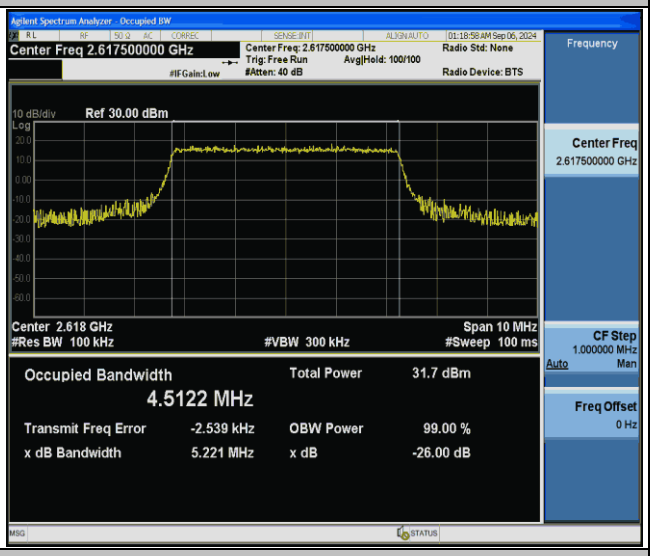

Band38-5MHz-16QAM-38225-25RB#0-PASS

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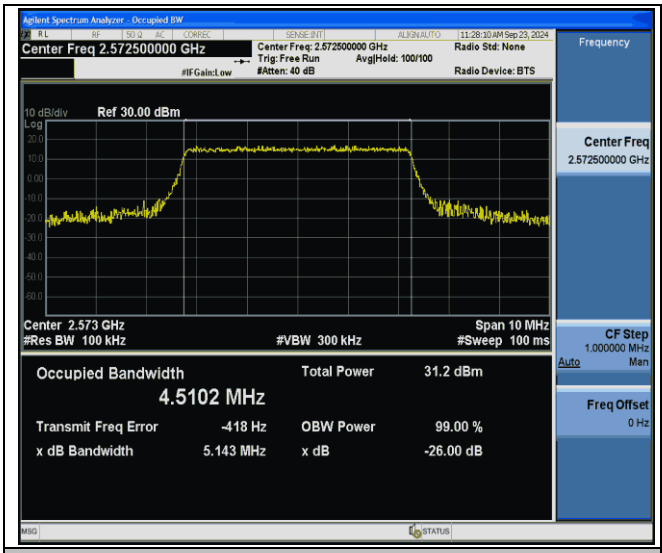

Band38-5MHz-64QAM-37775-25RB#0-PASS

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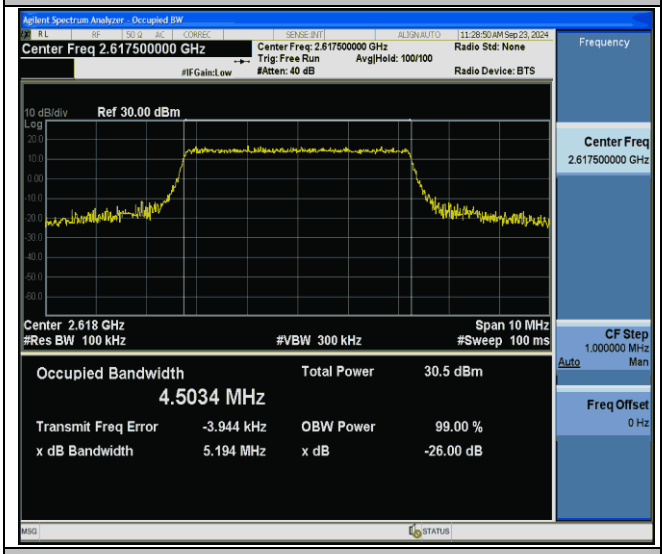

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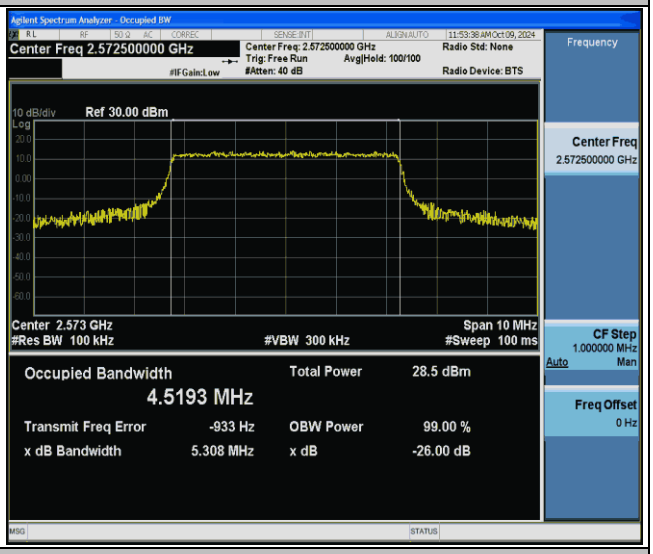
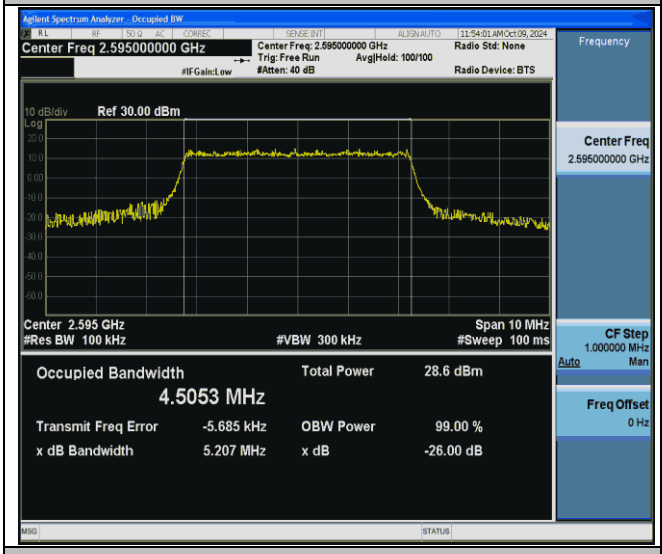


Band38-5MHz-256QAM-37775-25RB#0-PASS



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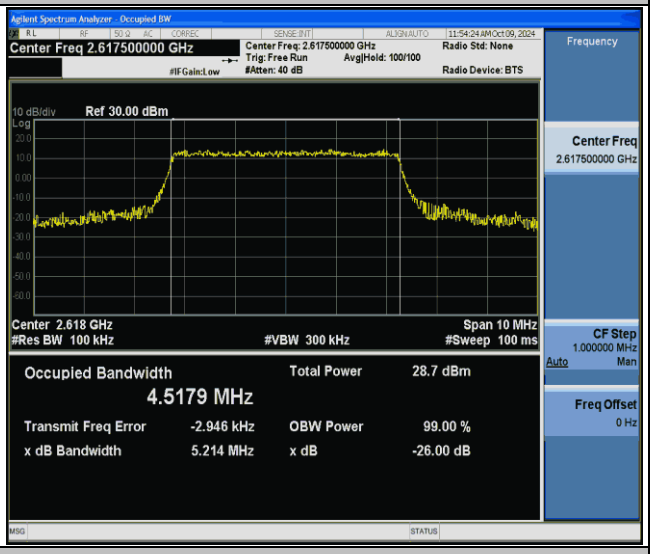

Band38-5MHz-256QAM-38225-25RB#0-PASS

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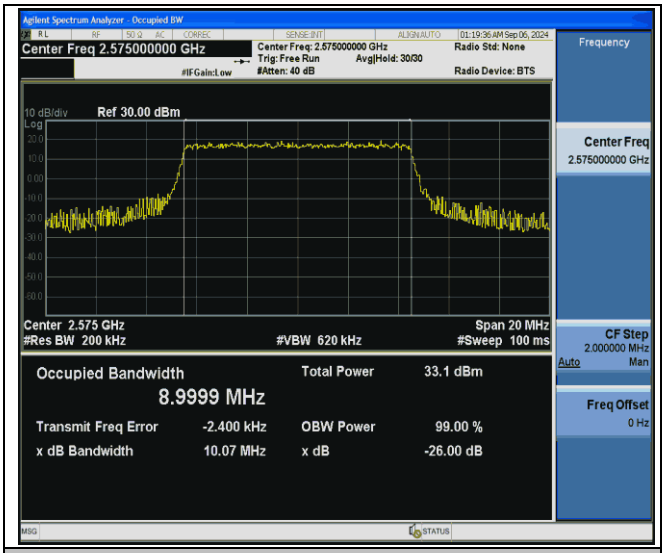

Band38-10MHz-QPSK-37800-50RB#0-PASS

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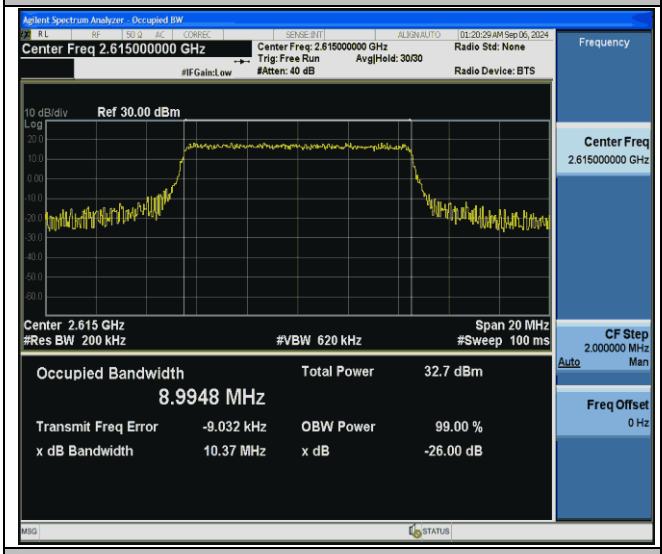

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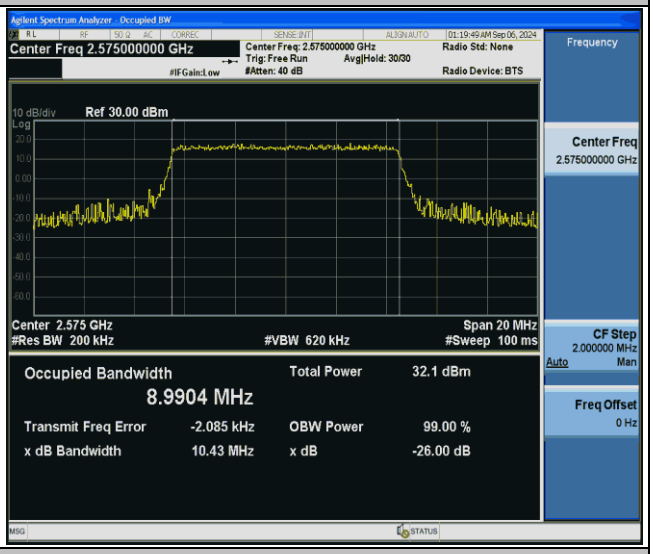

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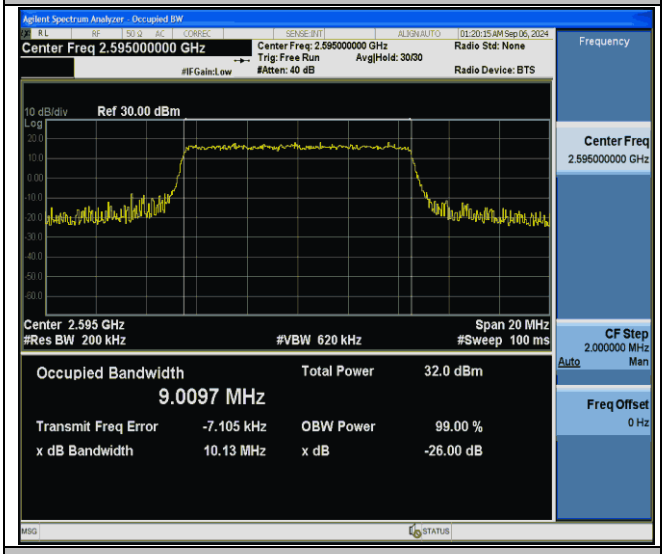

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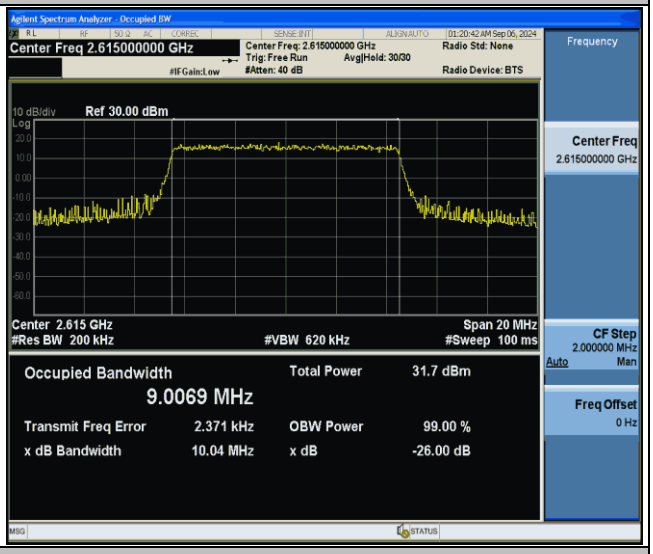

Band38-10MHz-16QAM-38200-50RB#0-PASS

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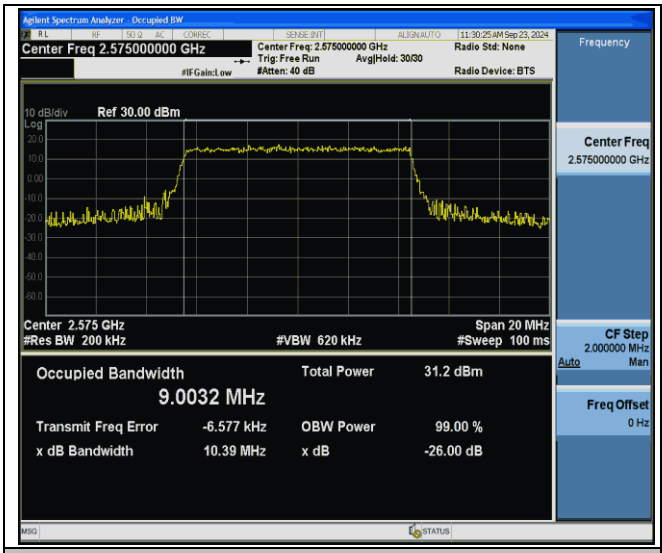

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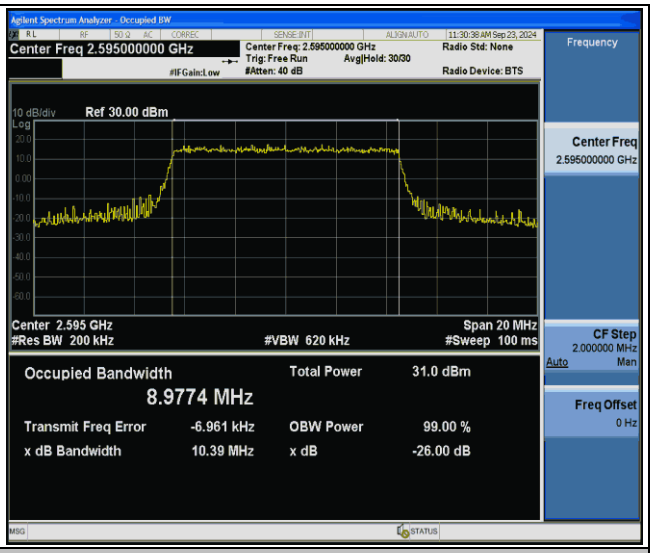

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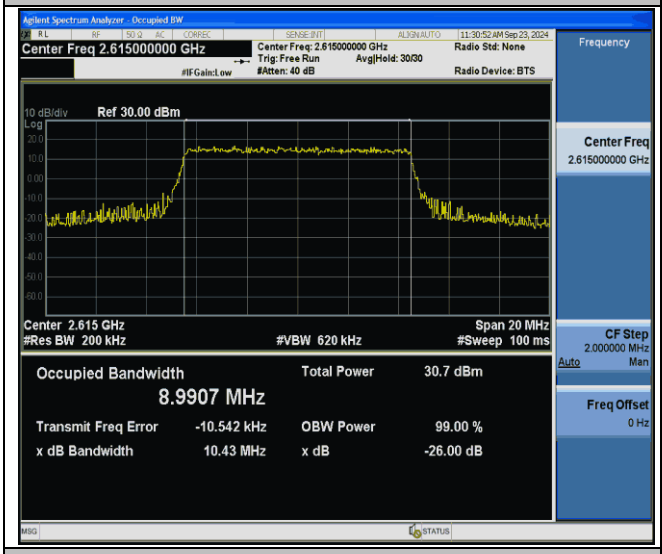

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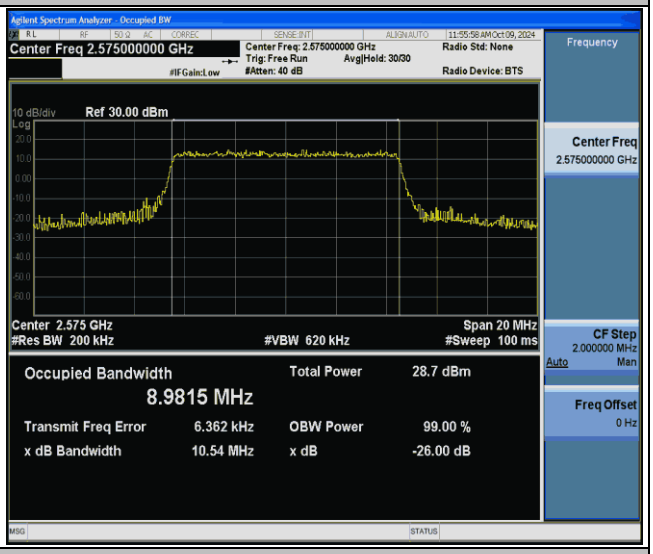

Band38-10MHz-256QAM-37800-50RB#0-PASS

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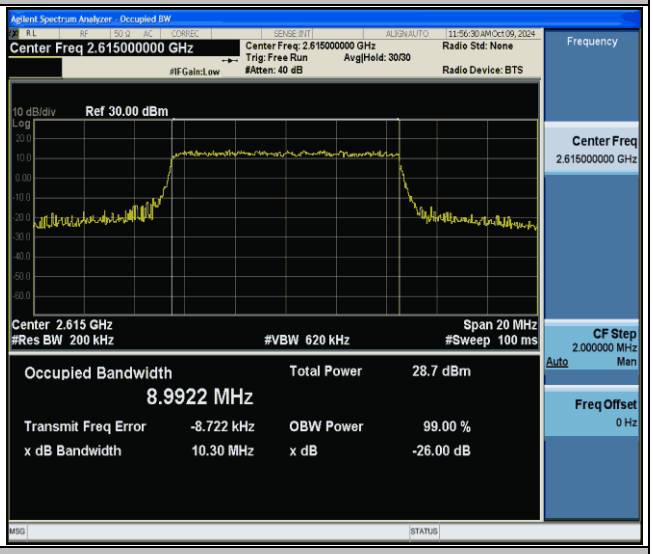

Band38-10MHz-256QAM-38200-50RB#0-PASS

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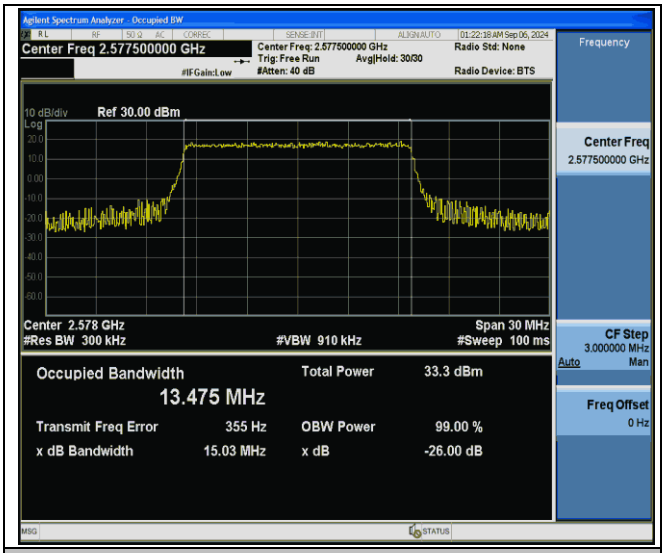
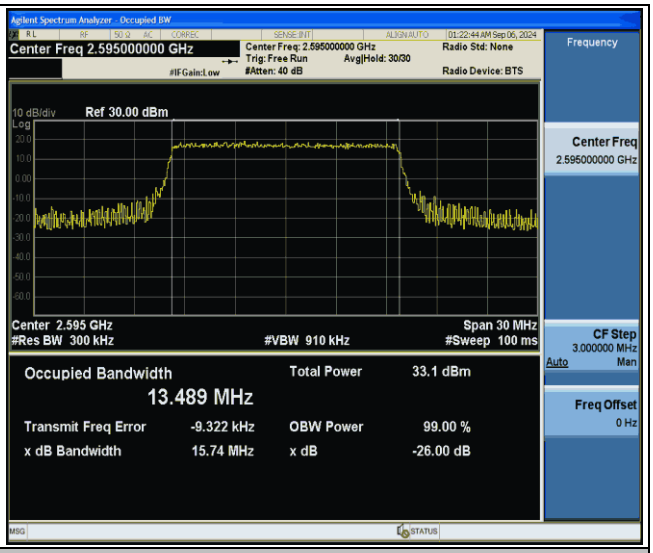


Band38-15MHz-QPSK-37825-75RB#0-PASS



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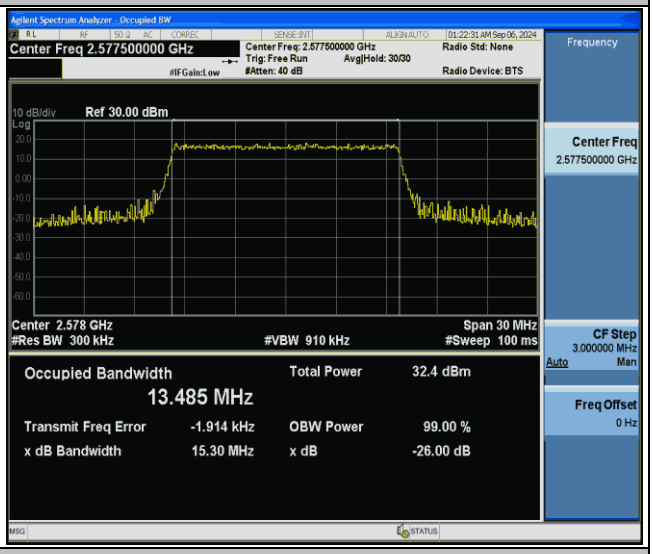
Band38-15MHz-QPSK-38175-75RB#0-PASS



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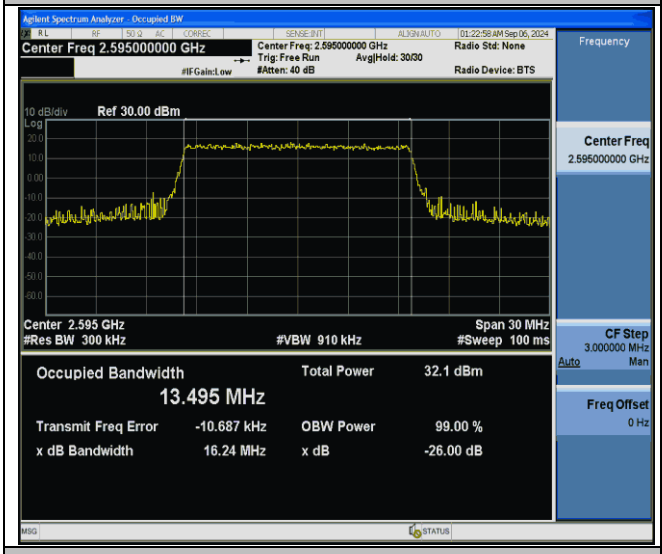

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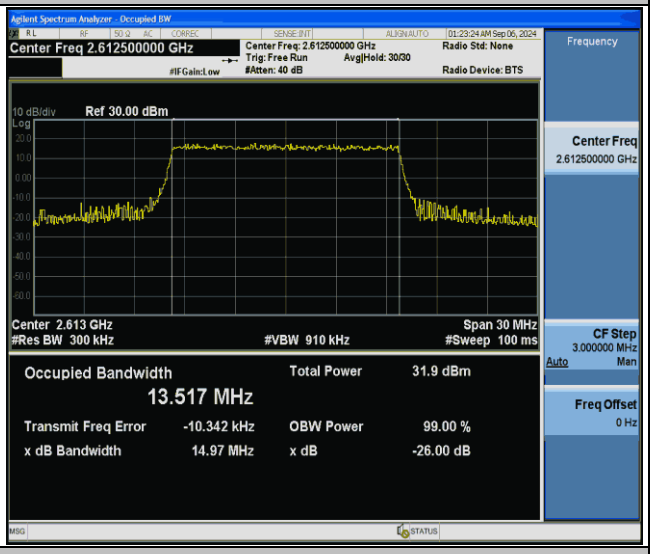

Band38-15MHz-16QAM-38175-75RB#0-PASS

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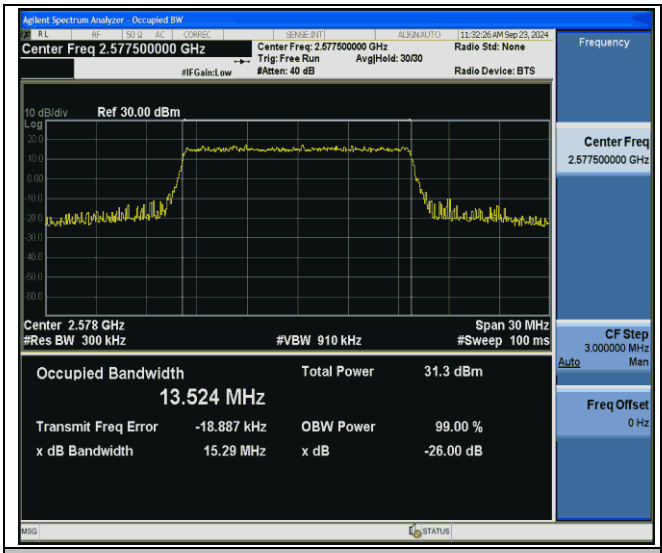

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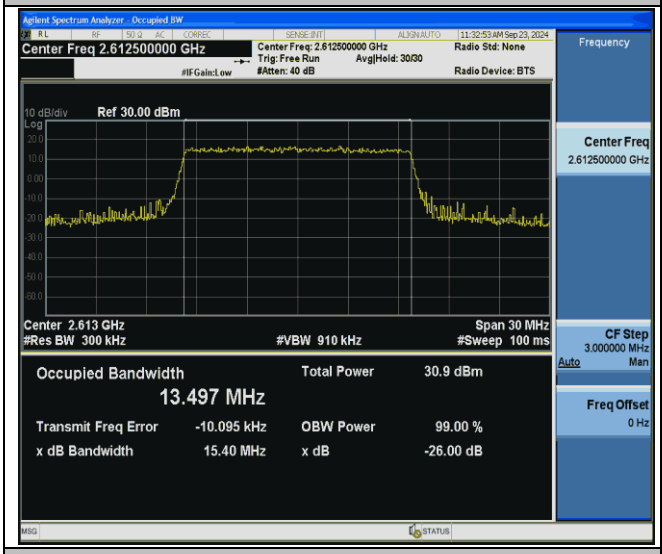
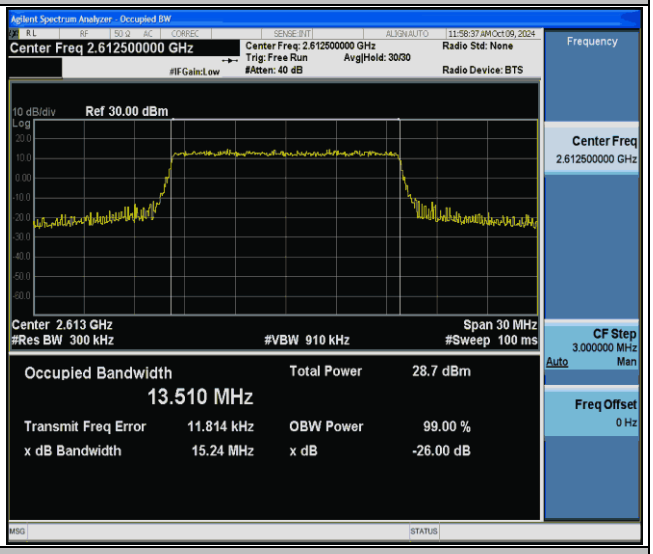


Band38-15MHz-64QAM-38175-75RB#0-PASS

Band38-15MHz-256QAM-37825-75RB#0-PASS

Band38-15MHz-256QAM-38000-75RB#0-PASS



Band38-15MHz-256QAM-38175-75RB#0-PASS

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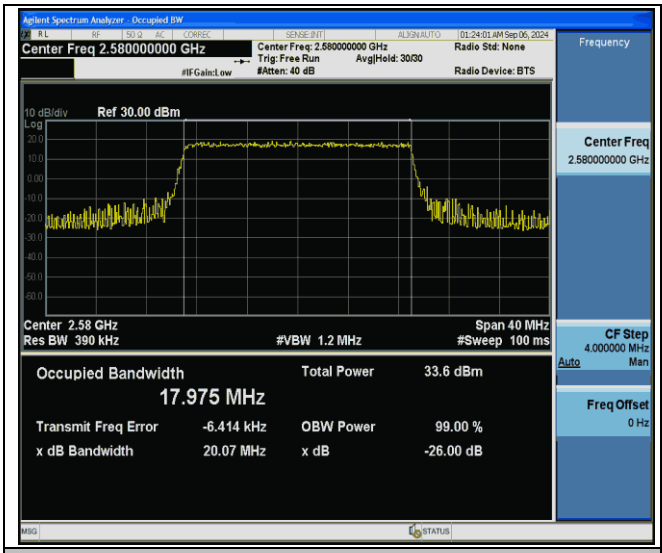

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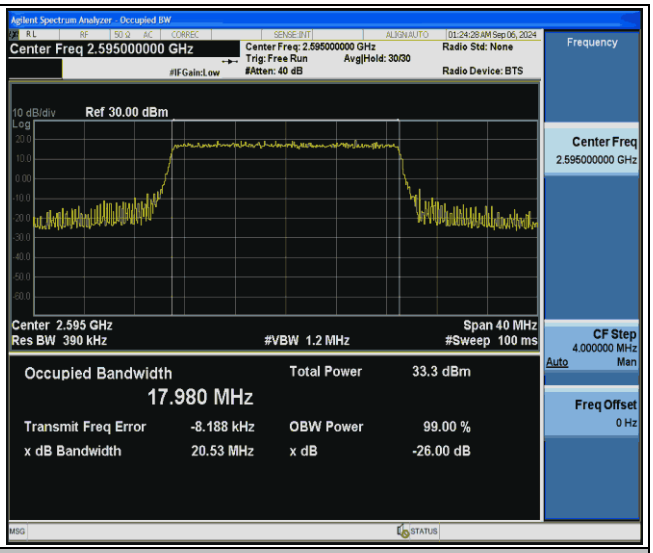

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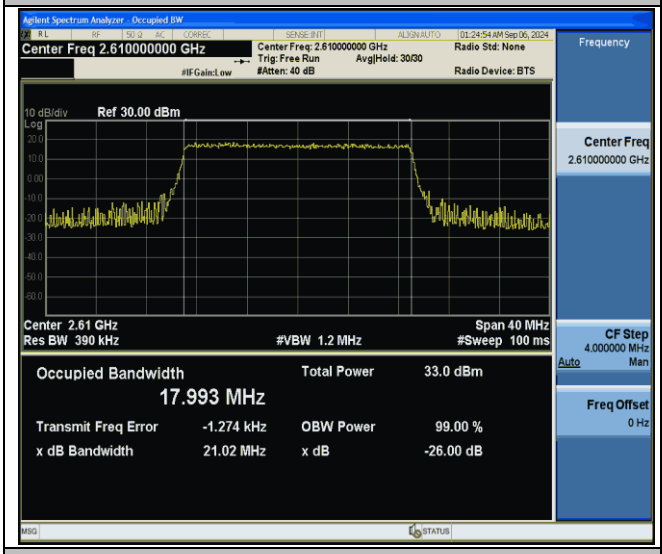

Band38-20MHz-QPSK-38150-100RB#0-PASS

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

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

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

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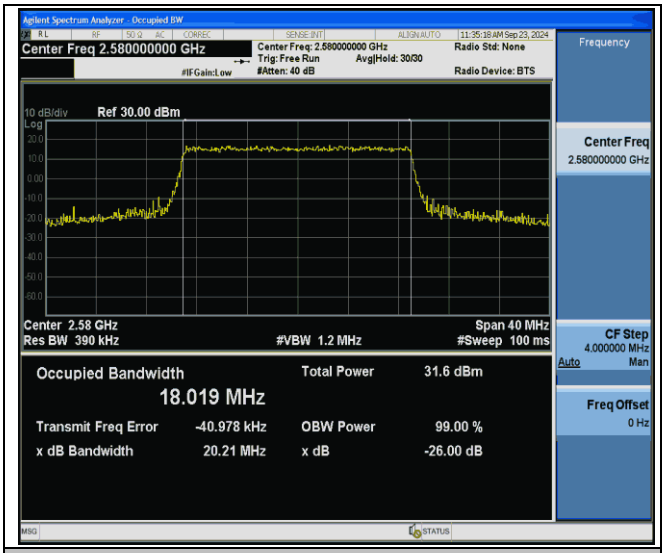
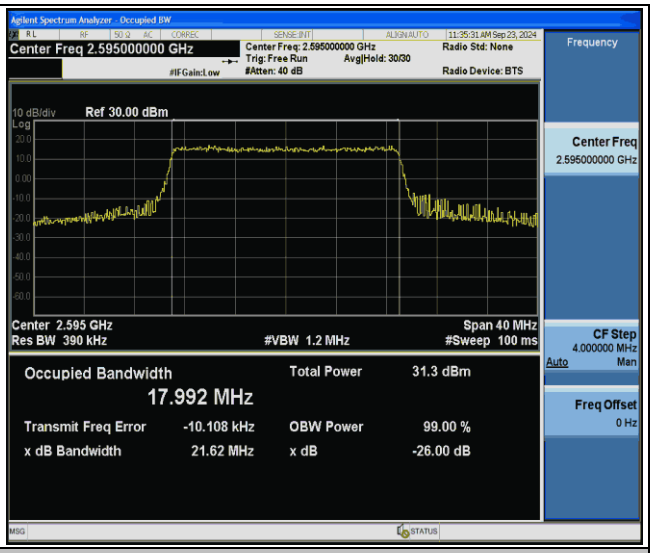
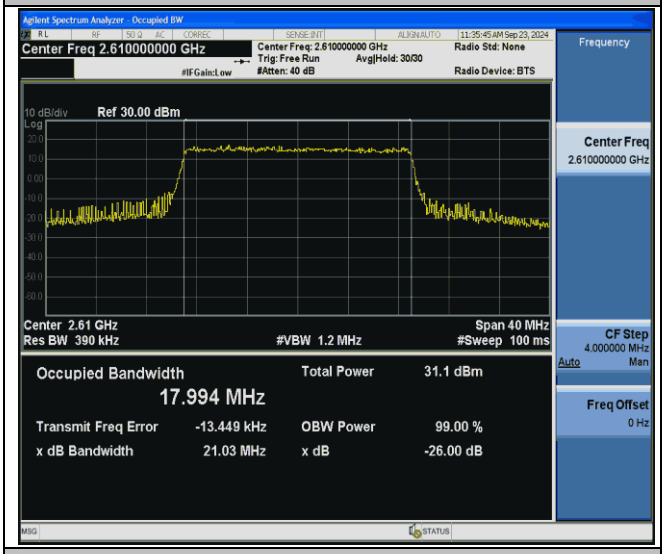


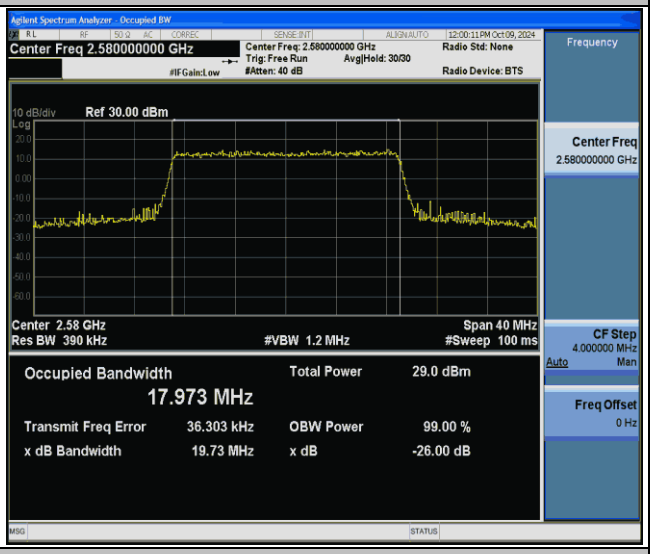
Band38-20MHz-64QAM-37850-100RB#0-PASS



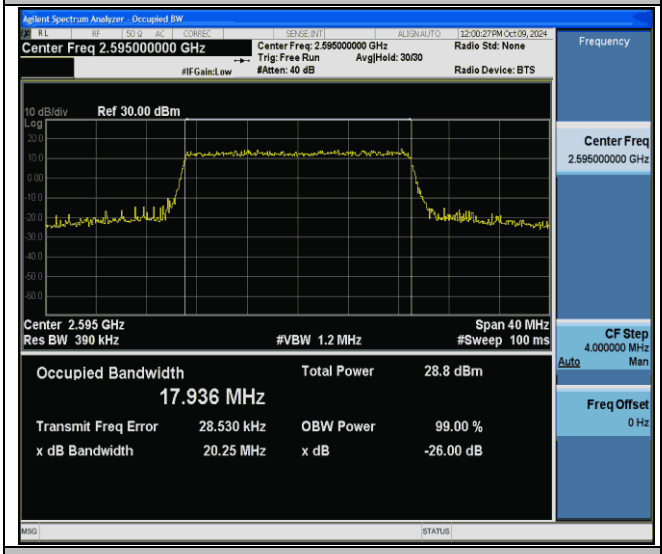
Band38-20MHz-64QAM-38000-100RB#0-PASS



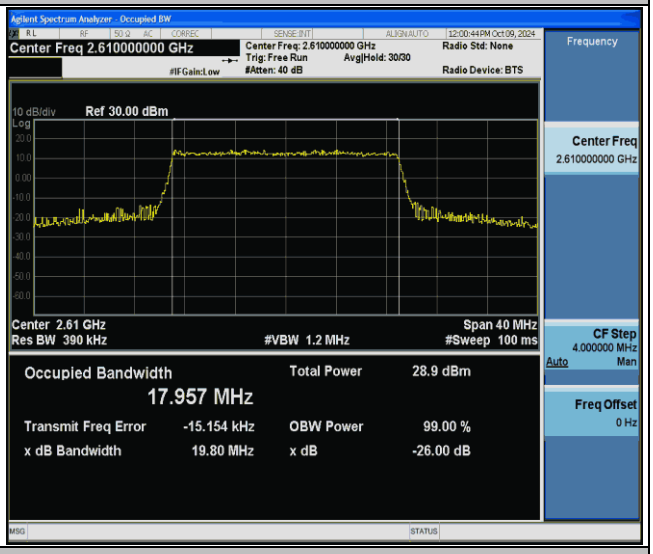
Band38-20MHz-64QAM-38150-100RB#0-PASS



Band38-20MHz-256QAM-37850-100RB#0-PASS



Band38-20MHz-256QAM-38000-100RB#0-PASS



Band38-20MHz-256QAM-38150-100RB#0-PASS

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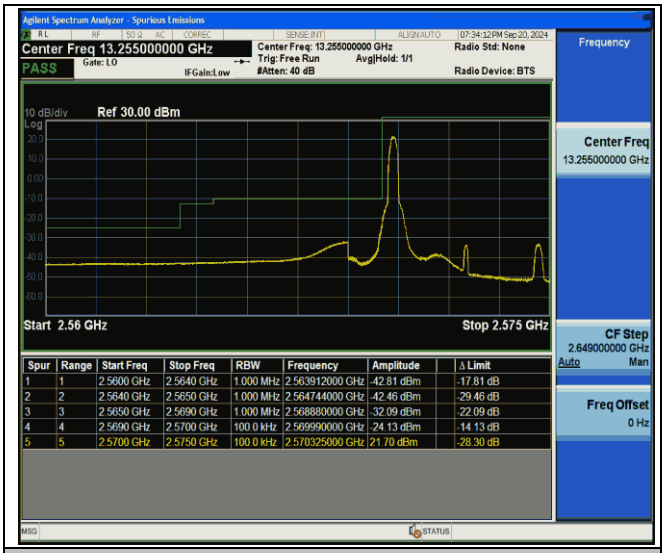
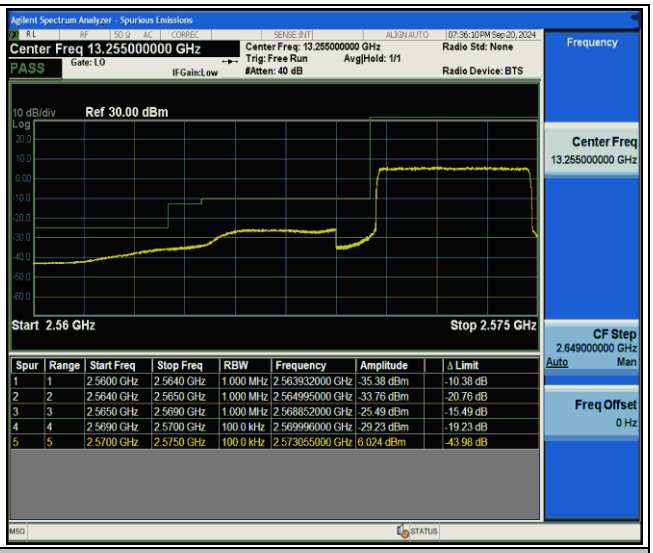
Band Edge

Test Graphs

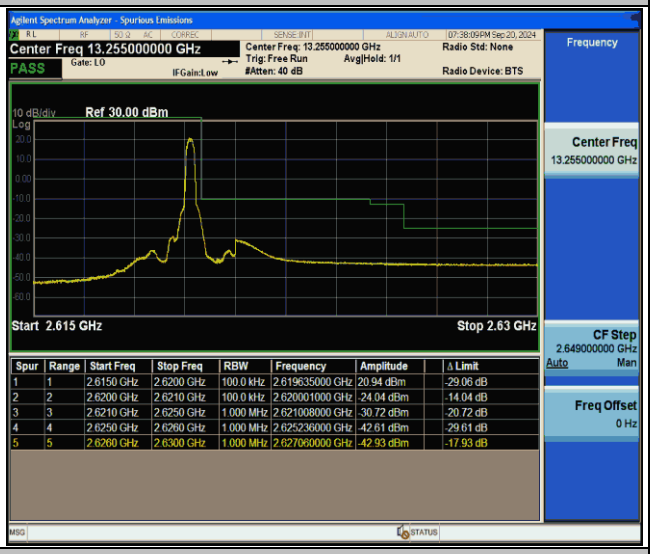


Band38-5MHz-QPSK-37775-1RB#0-PASS

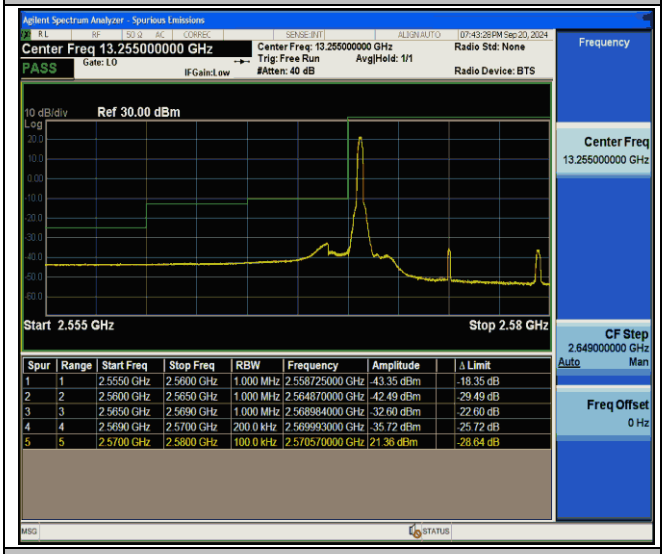


Band38-5MHz-QPSK-37775-25RB#0-PASS

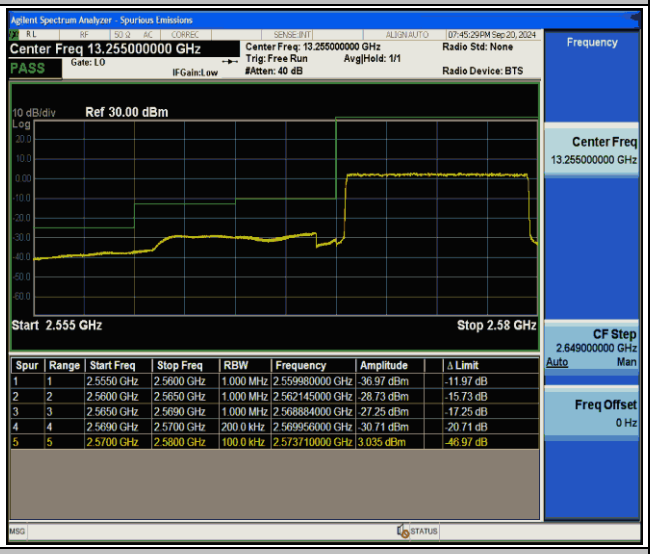
Band38-5MHz-QPSK-38225-25RB#0-PASS



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



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



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

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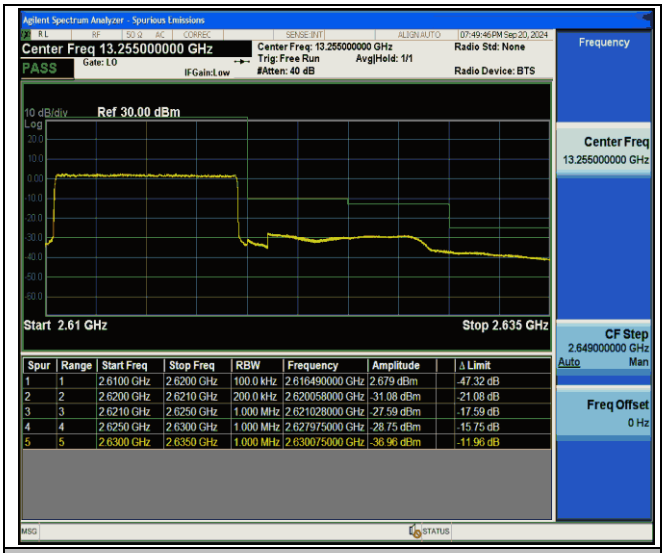
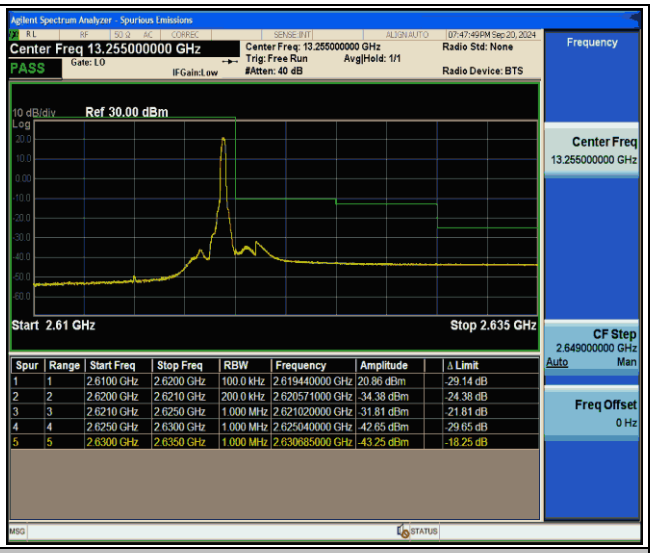
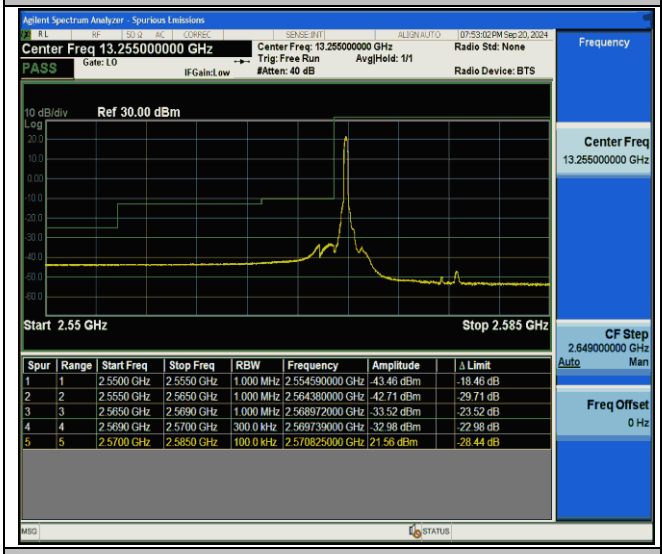


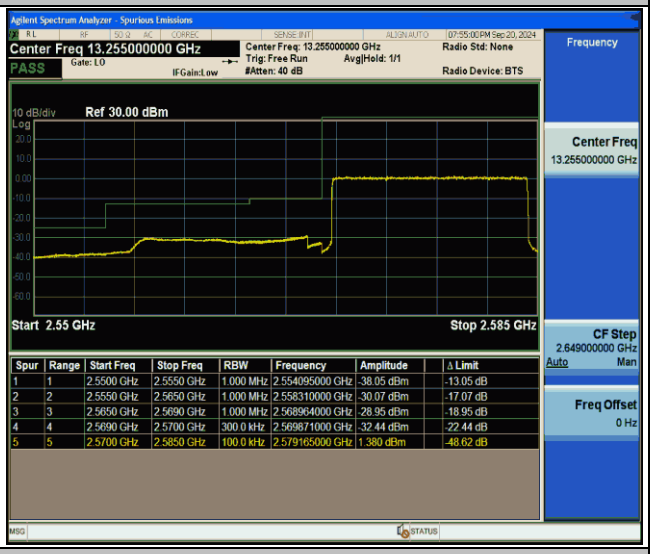
Band38-10MHz-QPSK-38200-50RB#0-PASS



Band38-10MHz-QPSK-38200-1RB#49-PASS

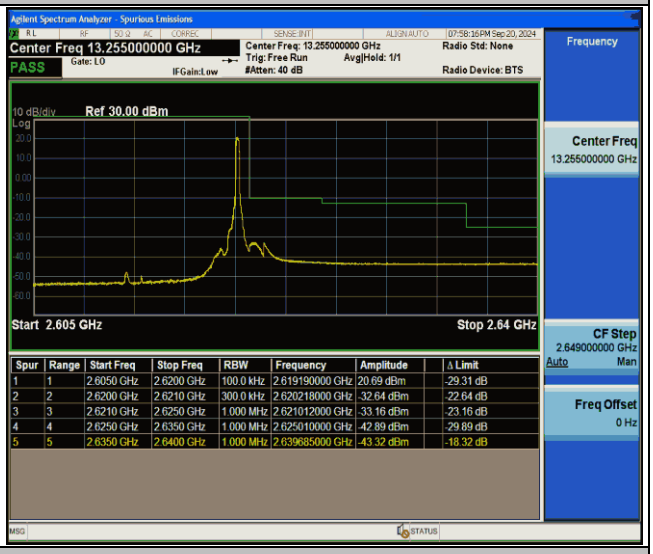


Band38-15MHz-QPSK-37825-1RB#0-PASS



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

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



Band38-15MHz-QPSK-38175-1RB#74-PASS

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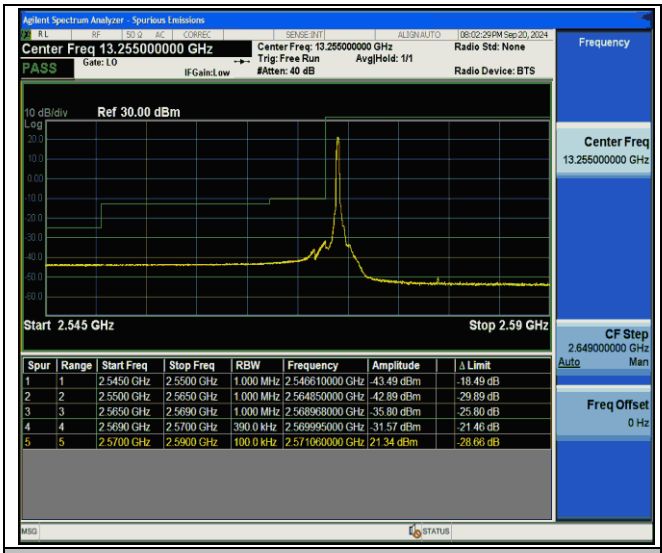
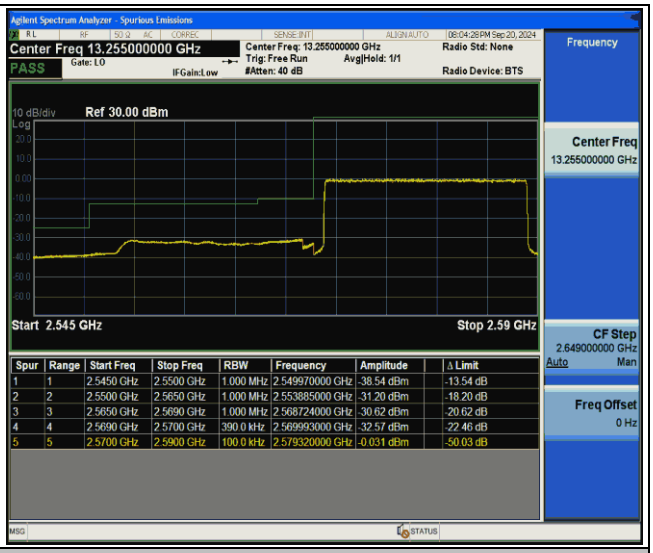
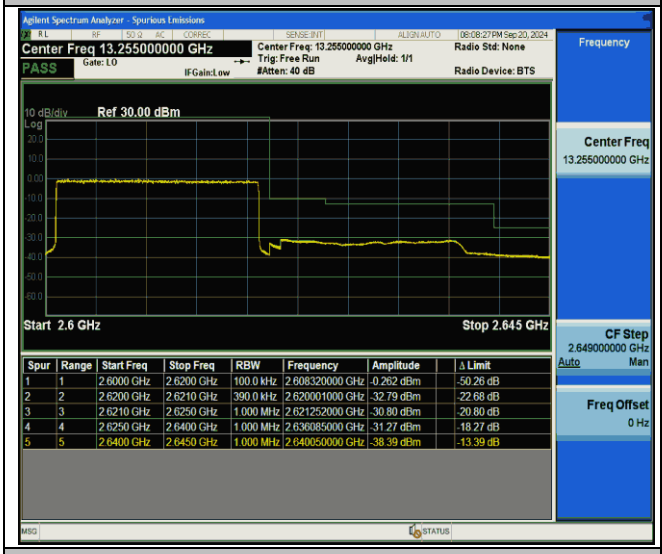


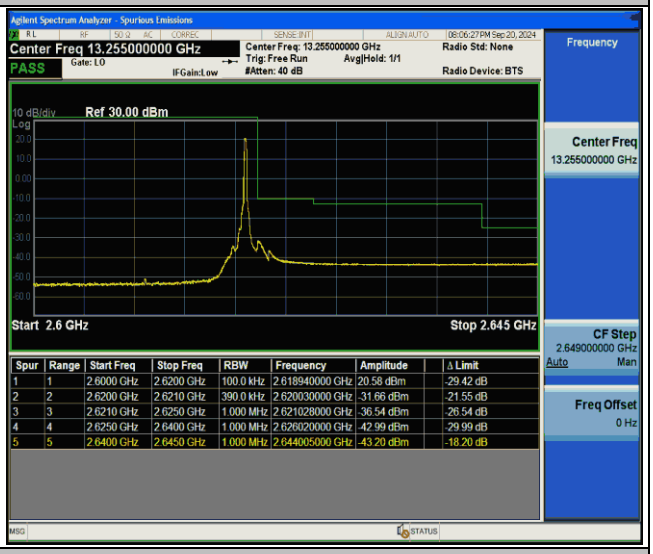
Band38-20MHz-QPSK-37850-1RB#0-PASS



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



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



Band38-20MHz-QPSK-38150-1RB#99-PASS

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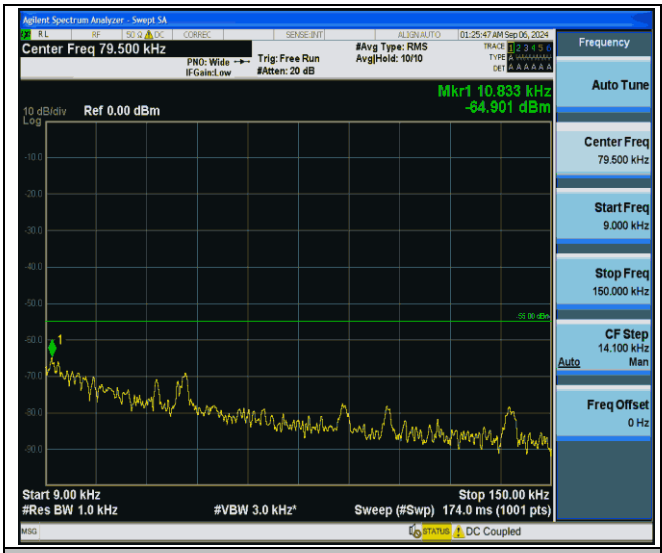
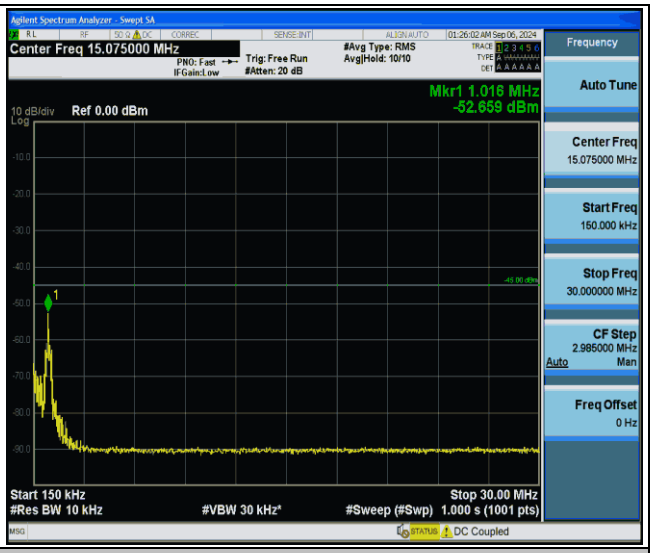
Conducted Spurious Emission

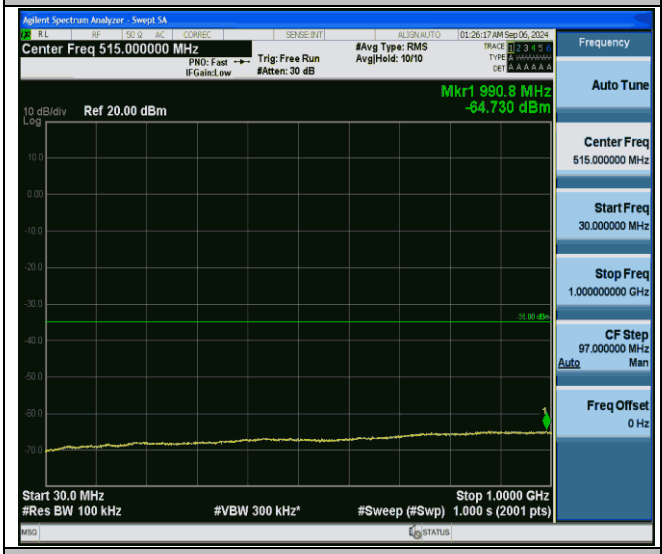
Test Graphs



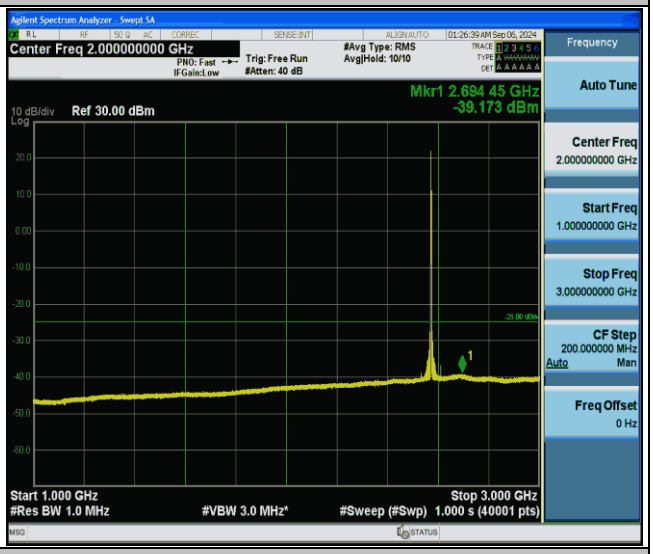
Band38-20MHz-QPSK-37850-1RB#0-0.009~0.15-PASS



Band38-20MHz-QPSK-37850-1RB#0-0.15~30-PASS



Band38-20MHz-QPSK-37850-1RB#0-30~1000-PASS



Band38-20MHz-QPSK-37850-1RB#0-1000~3000-PASS

Band38-20MHz-QPSK-37850-1RB#0-3000~27000-PASS

Band38-20MHz-QPSK-38000-1RB#0-0.009~0.15-PASS

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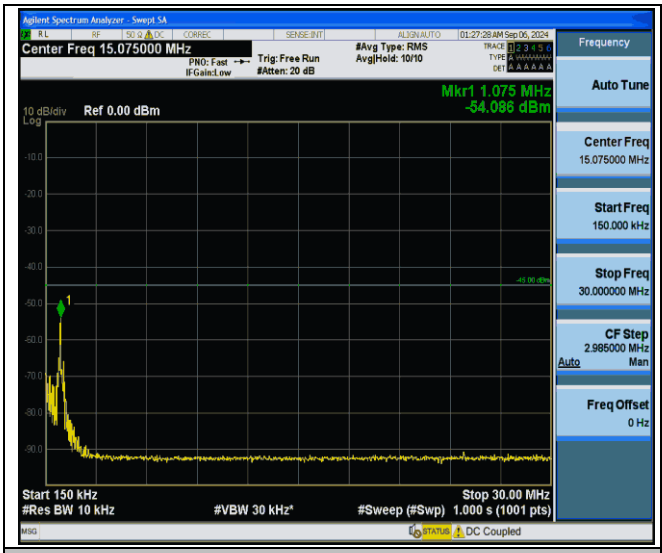
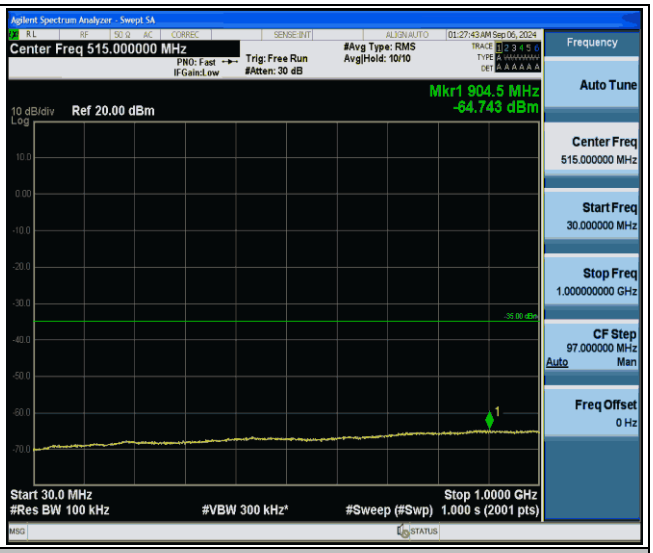


Band38-20MHz-QPSK-38000-1RB#0-0.15~30-PASS

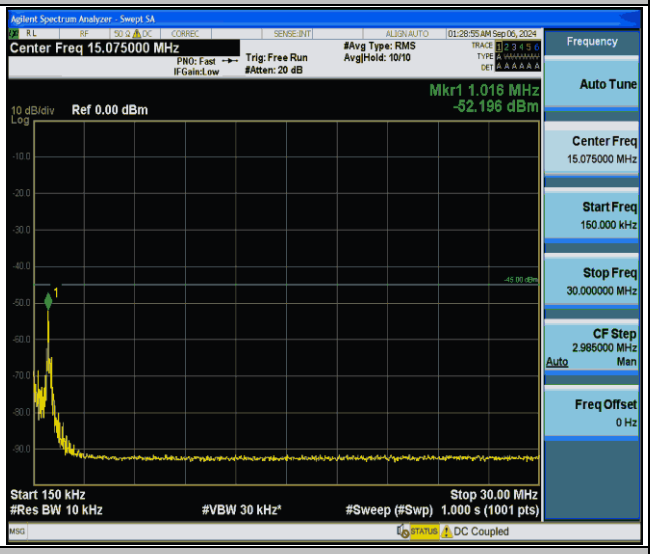


Band38-20MHz-QPSK-38000-1RB#0-30~1000-PASS

Band38-20MHz-QPSK-38000-1RB#0-1000~3000-PASS

Band38-20MHz-QPSK-38000-1RB#0-3000~27000-PASS

Band38-20MHz-QPSK-38150-1RB#0-0.009~0.15-PASS



Band38-20MHz-QPSK-38150-1RB#0-0.15~30-PASS

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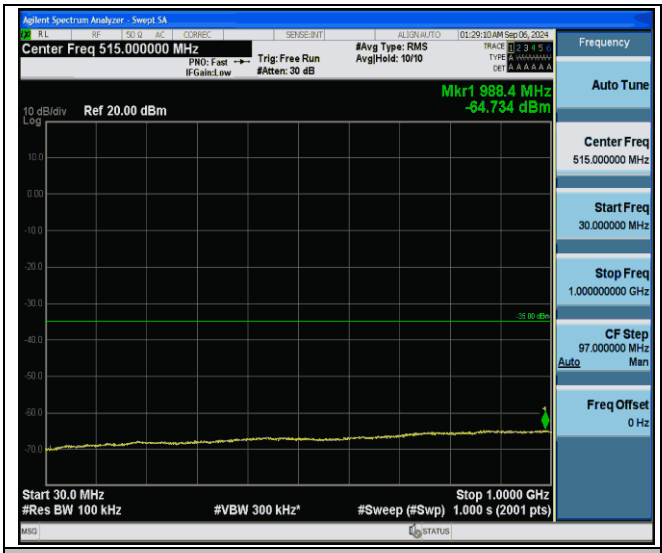
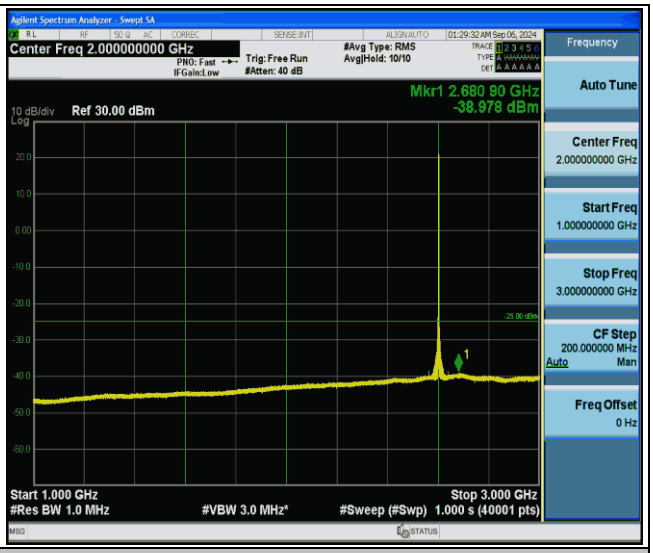


Band38-20MHz-QPSK-38150-1RB#0-30~1000-PASS



Band38-20MHz-QPSK-38150-1RB#0-1000~3000-PASS

Band38-20MHz-QPSK-38150-1RB#0-3000~27000-PASS

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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	0.40	0.000154	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	0.30	0.000116	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	0.80	0.000308	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	0.30	0.000116	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	1.40	0.000539	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-0.20	-0.000077	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-1.30	-0.000501	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-1.60	-0.000617	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	1.00	0.000385	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-0.60	-0.000231	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-2.40	-0.000925	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-0.40	-0.000154	PASS

~The End~

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