Appendix-A LTE Band 38

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.41	28.21	33.01	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.46	27.26	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.40	28.2	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.30	28.1	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.37	28.17	33.01	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.43	27.23	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.37	28.17	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.31	28.11	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.37	28.17	33.01	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.45	27.25	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.41	28.21	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.35	28.15	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.88	27.68	33.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.50	26.3	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.85	27.65	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.69	27.49	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.76	27.56	33.01	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.46	26.26	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.78	27.58	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.72	27.52	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.96	27.76	33.01	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.46	26.26	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.77	27.57	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.76	27.56	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.63	26.43	33.01	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.45	25.25	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.61	26.41	33.01	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.55	26.35	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.48	26.28	33.01	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.38	25.18	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.59	26.39	33.01	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.44	26.24	33.01	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.50	26.3	33.01	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.37	25.17	33.01	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.61	26.41	33.01	PASS

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Band38	5MHz	64QAM	38225	1RB#24	22.53	26.33	33.01	PASS
Band38	5MHz	256QAM	37775	1RB#0	19.54	23.34	33.01	PASS
Band38	5MHz	256QAM	37775	25RB#0	19.45	23.25	33.01	PASS
Band38	5MHz	256QAM	37775	1RB#12	19.59	23.39	33.01	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.36	23.16	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#0	19.46	23.26	33.01	PASS
Band38	5MHz	256QAM	38000	25RB#0	19.43	23.23	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#12	19.50	23.3	33.01	PASS
Band38	5MHz	256QAM	38000	1RB#24	19.50	23.3	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#0	19.43	23.23	33.01	PASS
Band38	5MHz	256QAM	38225	25RB#0	19.41	23.21	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#12	19.53	23.33	33.01	PASS
Band38	5MHz	256QAM	38225	1RB#24	19.38	23.18	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.50	28.3	33.01	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.42	27.22	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.40	28.2	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.20	28	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.36	28.16	33.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.40	27.2	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.39	28.19	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.24	28.04	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.32	28.12	33.01	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.51	27.31	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.42	28.22	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.30	28.1	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.89	27.69	33.01	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.44	26.24	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.68	27.48	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.53	27.33	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.65	27.45	33.01	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.45	26.25	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.68	27.48	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.65	27.45	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.73	27.53	33.01	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.54	26.34	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.69	27.49	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.64	27.44	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.80	26.6	33.01	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.34	25.14	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.70	26.5	33.01	PASS
Band38	10MHz	64QAM	37800	1RB#49	22.48	26.28	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.60	26.4	33.01	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.34	25.14	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.60	26.4	33.01	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.48	26.28	33.01	PASS

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Band38	10MHz	64QAM	38200	1RB#0	22.55	26.35	33.01	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.42	25.22	33.01	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.70	26.5	33.01	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.54	26.34	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.63	23.43	33.01	PASS
Band38	10MHz	256QAM	37800	50RB#0	19.40	23.2	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.48	23.28	33.01	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.32	23.12	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.58	23.38	33.01	PASS
Band38	10MHz	256QAM	38000	50RB#0	19.31	23.11	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#24	19.48	23.28	33.01	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.36	23.16	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#0	19.53	23.33	33.01	PASS
Band38	10MHz	256QAM	38200	50RB#0	19.52	23.32	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.62	23.42	33.01	PASS
Band38	10MHz	256QAM	38200	1RB#49	19.47	23.27	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.47	28.27	33.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.44	27.24	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.26	28.06	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.38	28.18	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.29	28.09	33.01	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.35	27.15	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.30	28.1	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.25	28.05	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.30	28.1	33.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.42	27.22	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.48	28.28	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.30	28.1	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.78	27.58	33.01	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.44	26.24	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.62	27.42	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.72	27.52	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.60	27.4	33.01	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.38	26.18	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.55	27.35	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.65	27.45	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.66	27.46	33.01	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.45	26.25	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.77	27.57	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.72	27.52	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.62	26.42	33.01	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.36	25.16	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.59	26.39	33.01	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.57	26.37	33.01	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.47	26.27	33.01	PASS

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Band38	15MHz	64QAM	38000	75RB#0	21.29	25.09	33.01	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.56	26.36	33.01	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.43	26.23	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.47	26.27	33.01	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.35	25.15	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.57	26.37	33.01	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.64	26.44	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#0	19.69	23.49	33.01	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.38	23.18	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.44	23.24	33.01	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.29	23.09	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.63	23.43	33.01	PASS
Band38	15MHz	256QAM	38000	75RB#0	19.33	23.13	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#38	19.55	23.35	33.01	PASS
Band38	15MHz	256QAM	38000	1RB#74	19.14	22.94	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.51	23.31	33.01	PASS
Band38	15MHz	256QAM	38175	75RB#0	19.40	23.2	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#38	19.46	23.26	33.01	PASS
Band38	15MHz	256QAM	38175	1RB#74	19.19	22.99	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.52	28.32	33.01	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.45	27.25	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.36	28.16	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.34	28.14	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.33	28.13	33.01	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.37	27.17	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.44	28.24	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.27	28.07	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.32	28.12	33.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.50	27.3	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.44	28.24	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.32	28.12	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.91	27.71	33.01	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.48	26.28	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.63	27.43	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.65	27.45	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.62	27.42	33.01	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.38	26.18	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.68	27.48	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.58	27.38	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.64	27.44	33.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.46	26.26	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.70	27.5	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.60	27.4	33.01	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.65	26.45	33.01	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.33	25.13	33.01	PASS

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Band38	20MHz	64QAM	37850	1RB#49	22.65	26.45	33.01	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.50	26.3	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.53	26.33	33.01	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.29	25.09	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.56	26.36	33.01	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.52	26.32	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.50	26.3	33.01	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.36	25.16	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.54	26.34	33.01	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.49	26.29	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.59	23.39	33.01	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.34	23.14	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#49	19.50	23.3	33.01	PASS
Band38	20MHz	256QAM	37850	1RB#99	19.30	23.1	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.57	23.37	33.01	PASS
Band38	20MHz	256QAM	38000	100RB#0	19.30	23.1	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#49	19.43	23.23	33.01	PASS
Band38	20MHz	256QAM	38000	1RB#99	19.20	23	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#0	19.66	23.46	33.01	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.40	23.2	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#49	19.46	23.26	33.01	PASS
Band38	20MHz	256QAM	38150	1RB#99	19.19	22.99	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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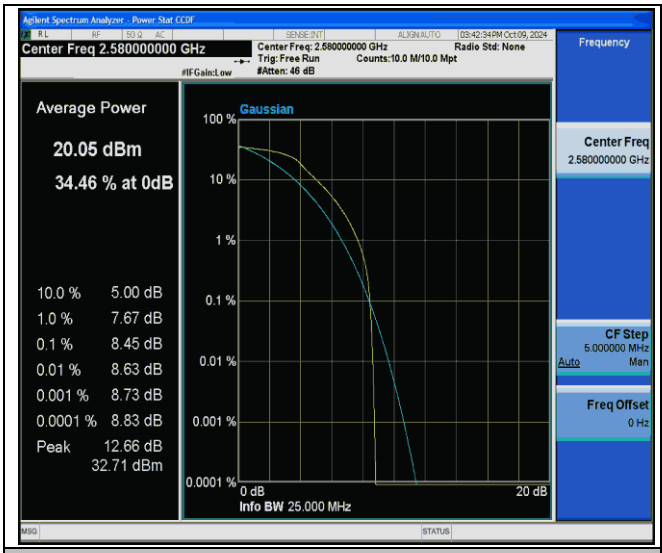
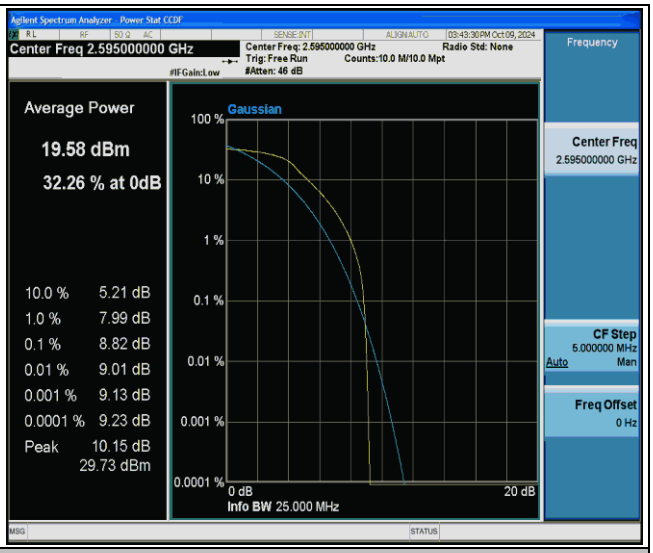
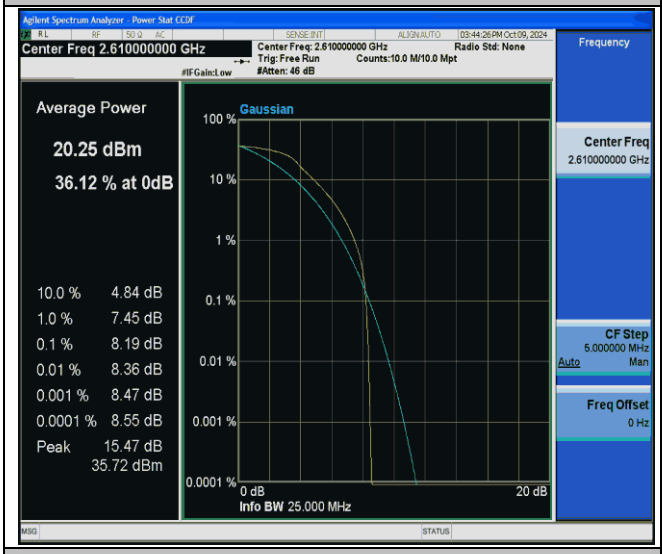
Test Graphs



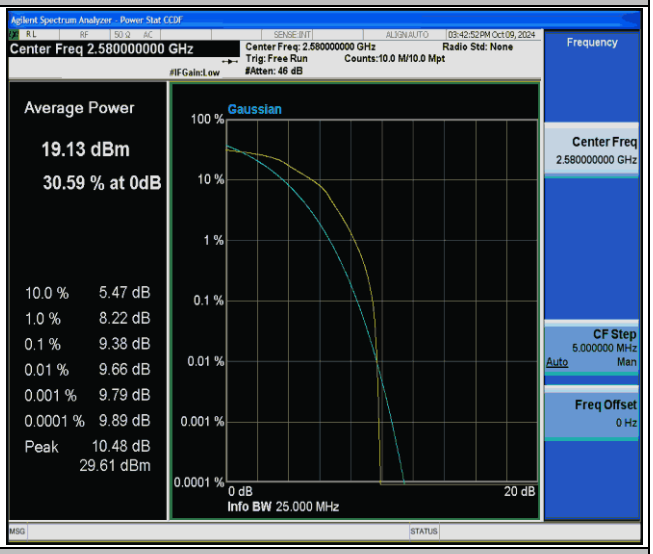
Band38-20MHz-QPSK-37850-100RB#0-PASS



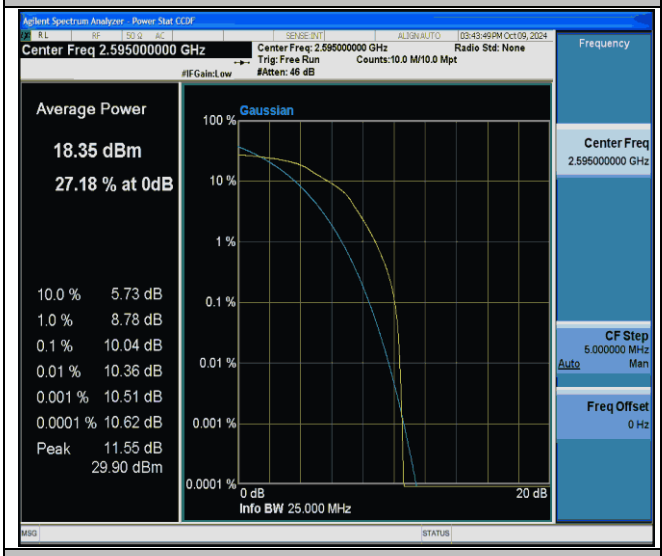
Band38-20MHz-QPSK-38000-100RB#0-PASS



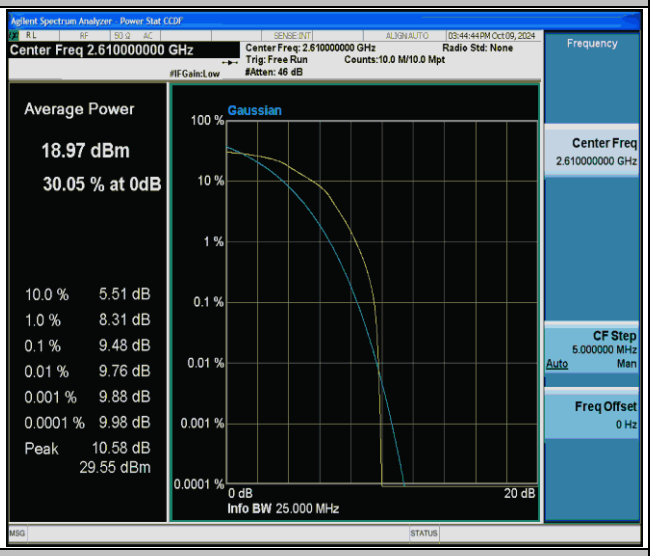
Band38-20MHz-QPSK-38150-100RB#0-PASS



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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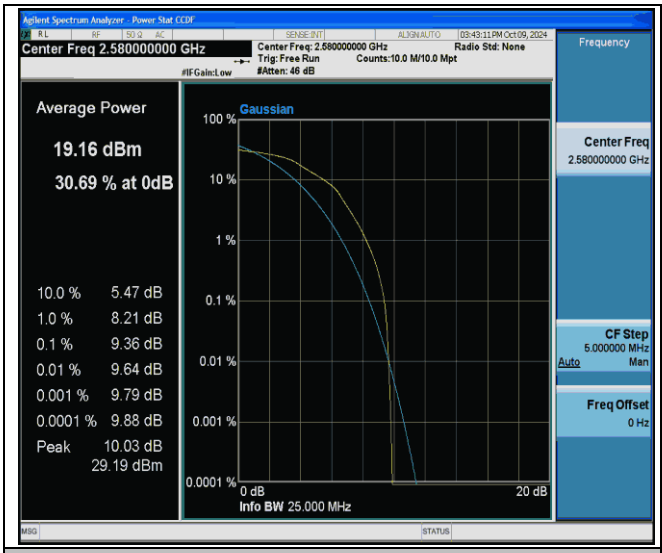
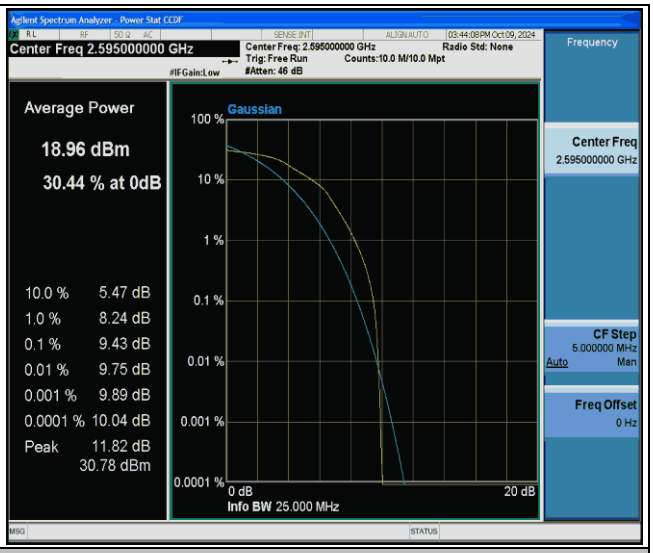
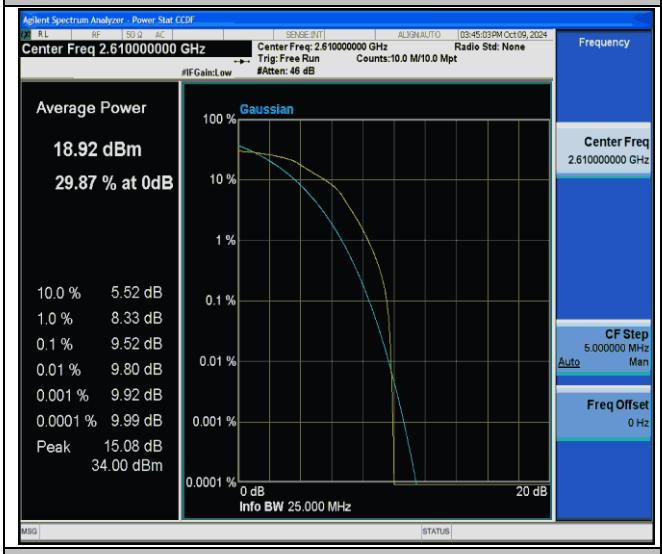


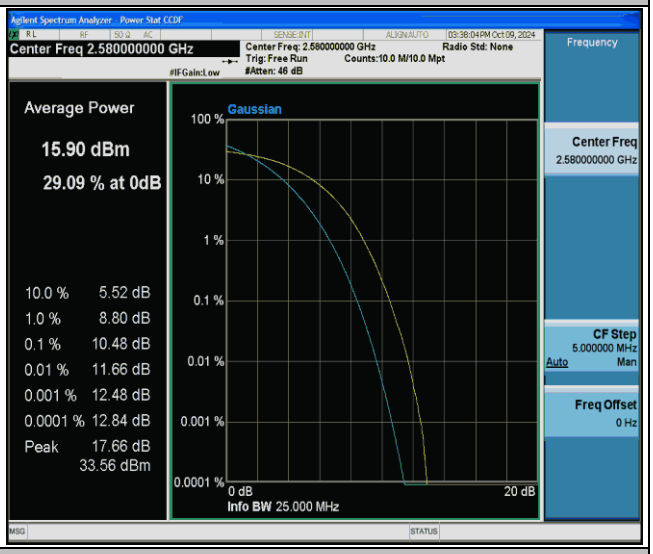
Band38-20MHz-64QAM-37850-100RB#0-PASS



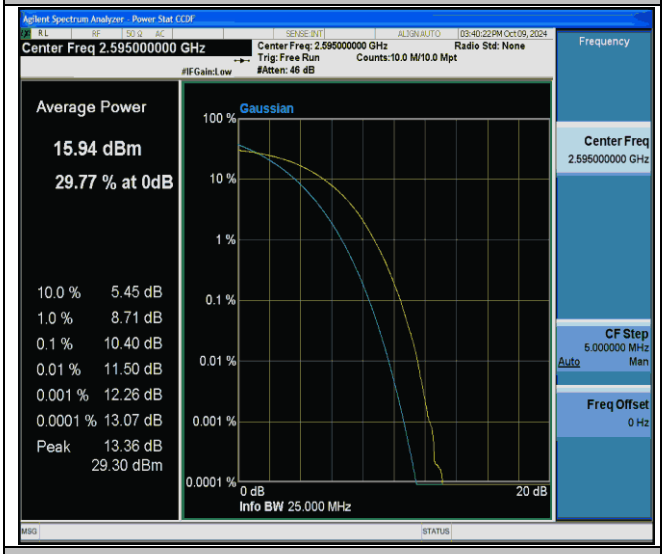
Band38-20MHz-64QAM-38000-100RB#0-PASS



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



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



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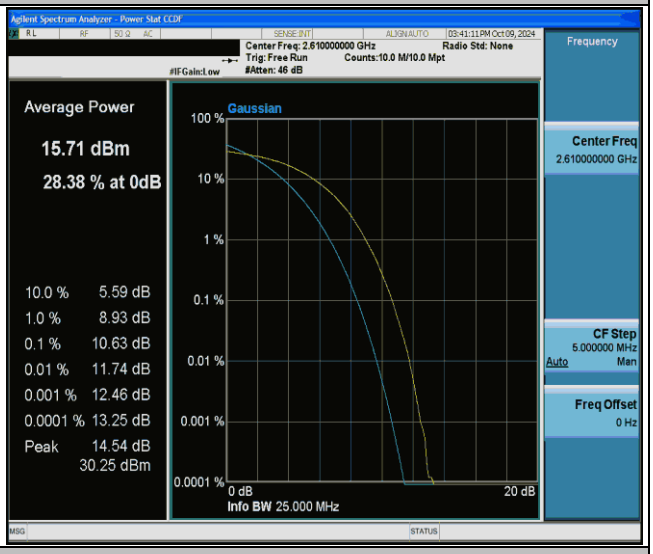

Band38-20MHz-256QAM-38150-100RB#0-PASS

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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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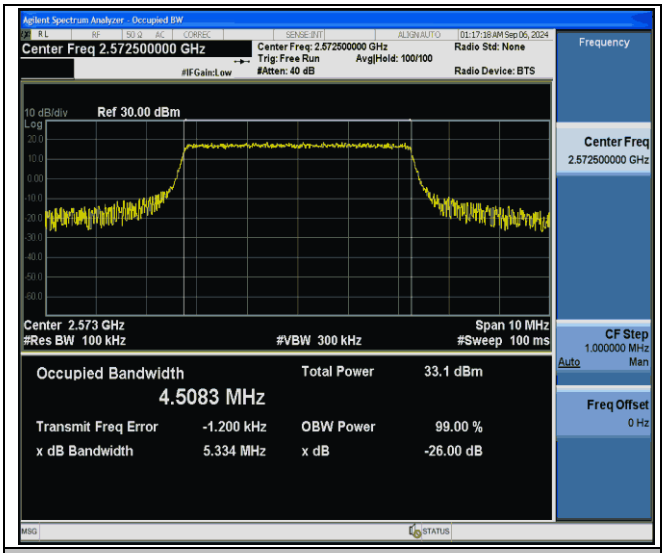
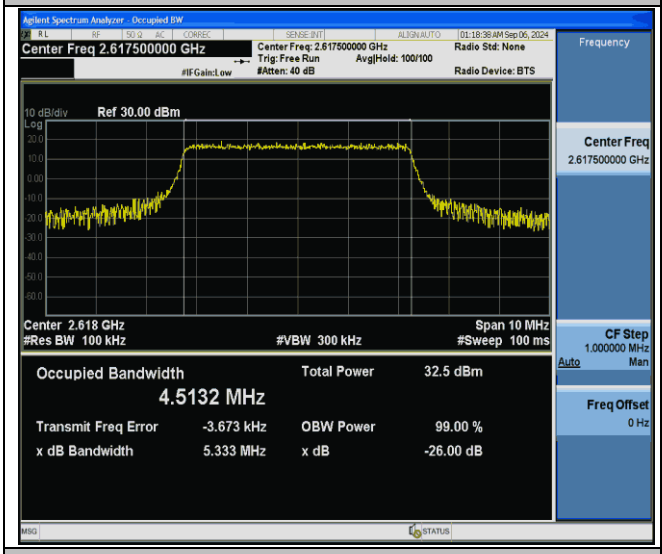
Test Graphs



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

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



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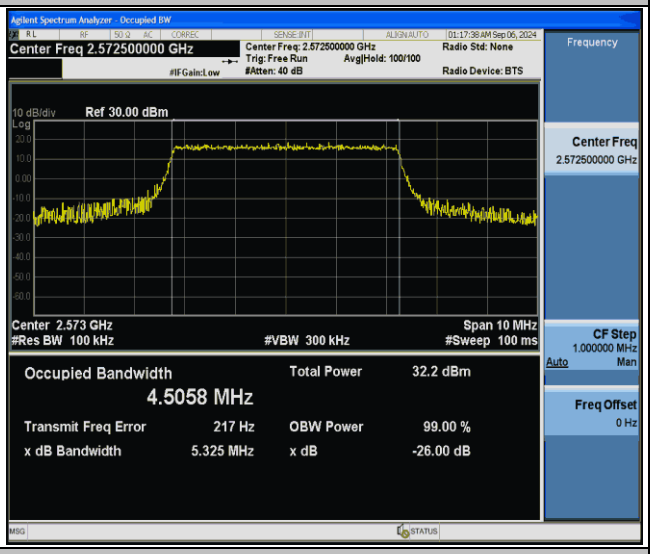

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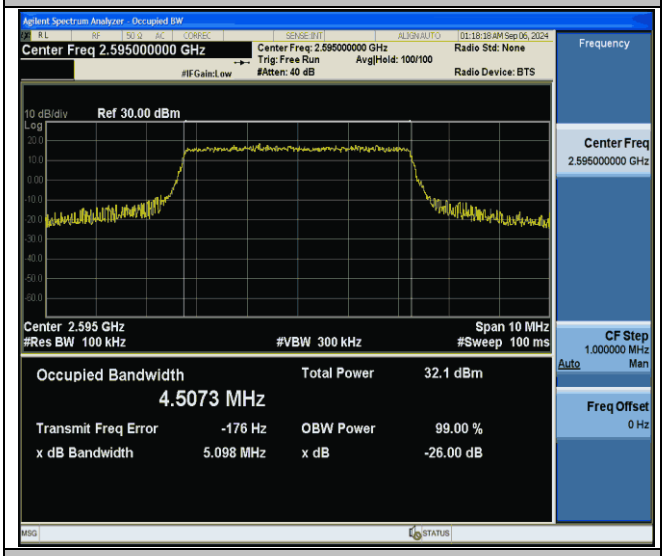

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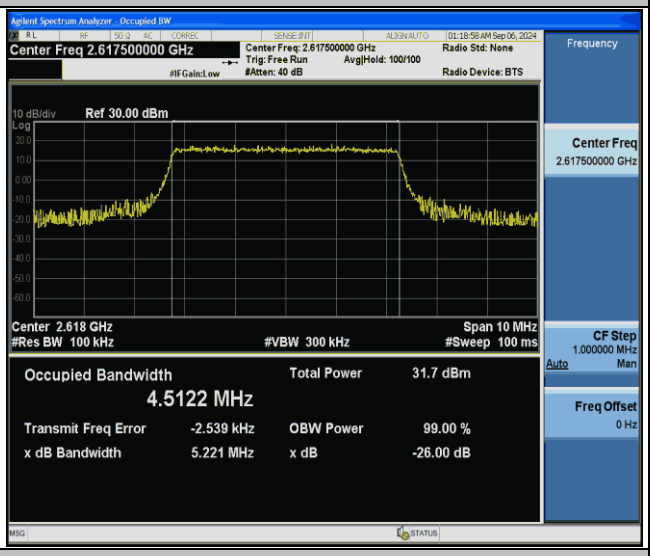

Band38-5MHz-16QAM-38225-25RB#0-PASS

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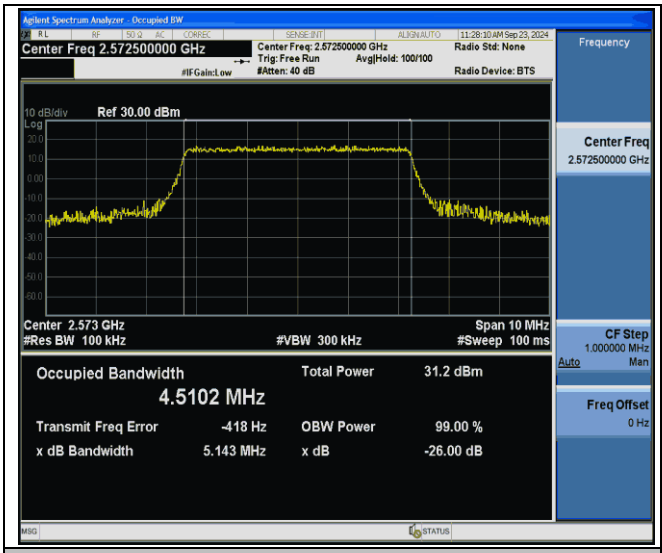

Band38-5MHz-64QAM-37775-25RB#0-PASS

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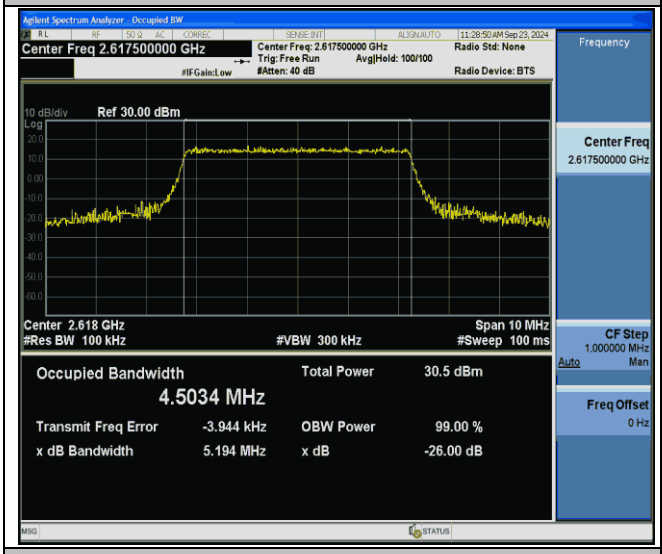

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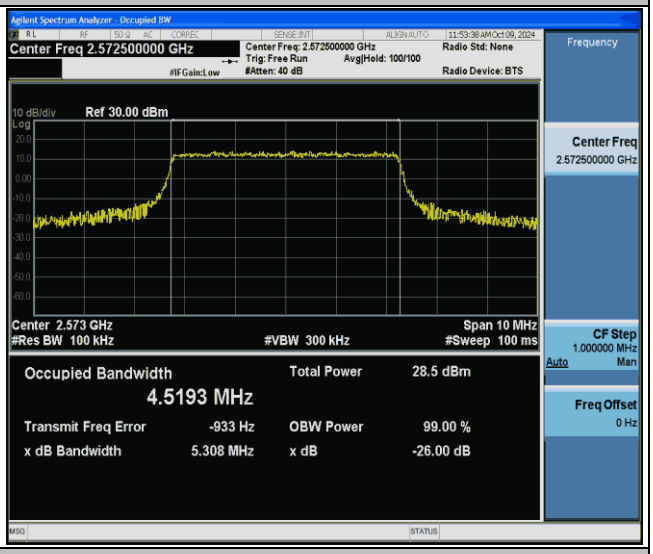
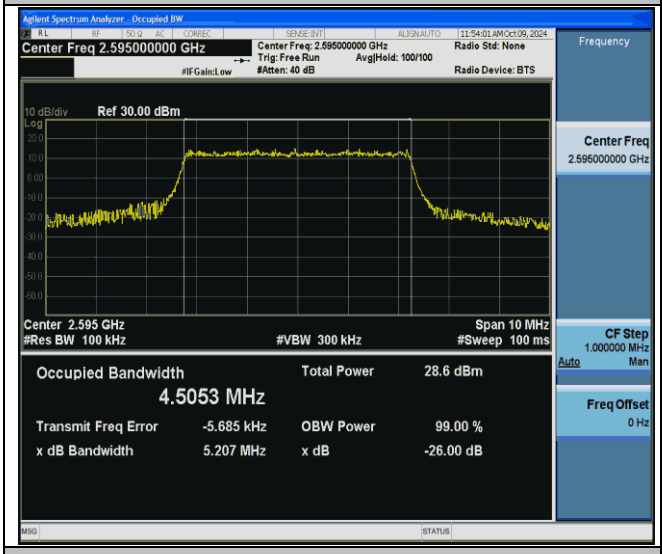


Band38-5MHz-256QAM-37775-25RB#0-PASS



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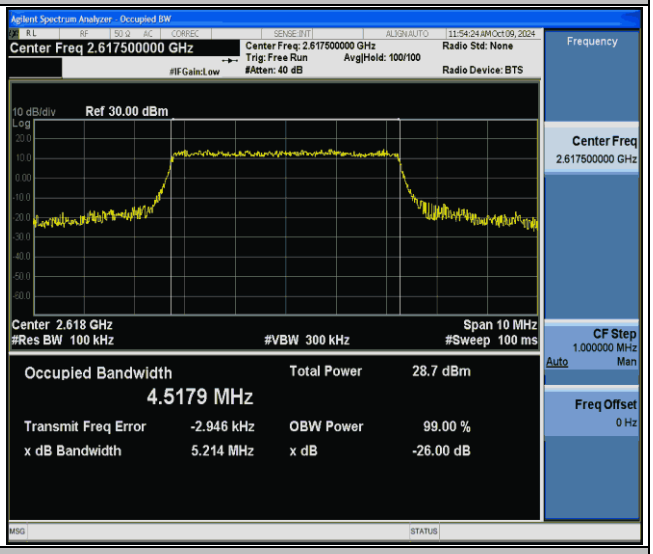

Band38-5MHz-256QAM-38225-25RB#0-PASS

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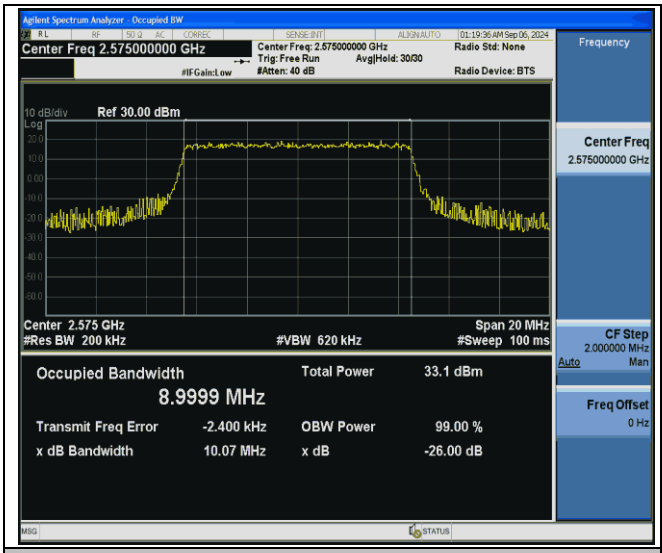

Band38-10MHz-QPSK-37800-50RB#0-PASS

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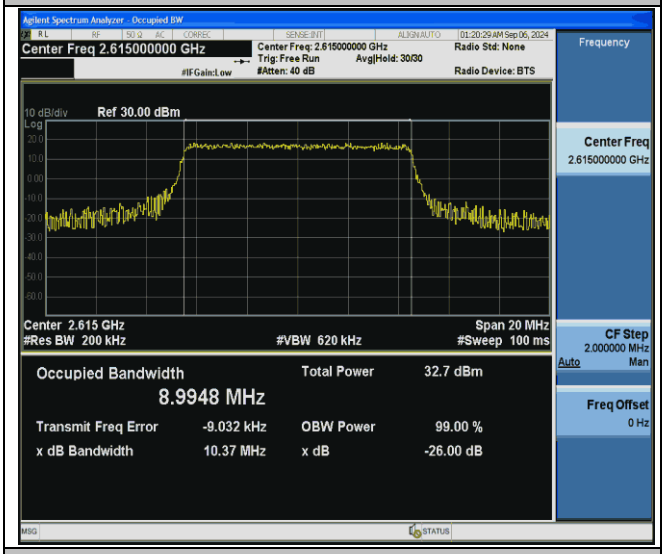

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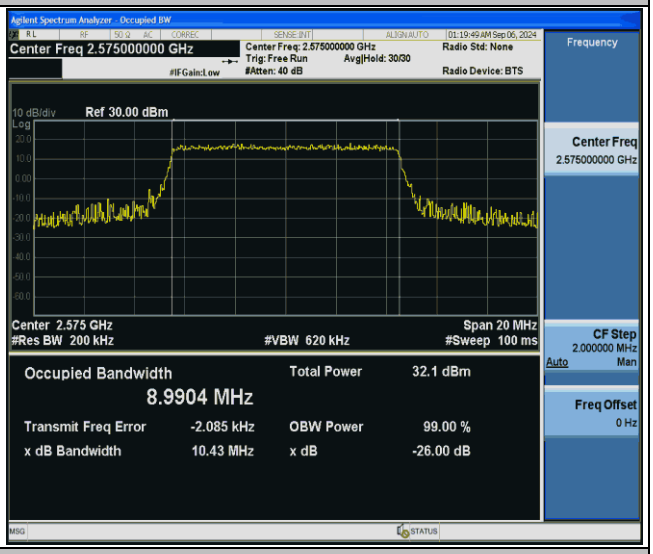

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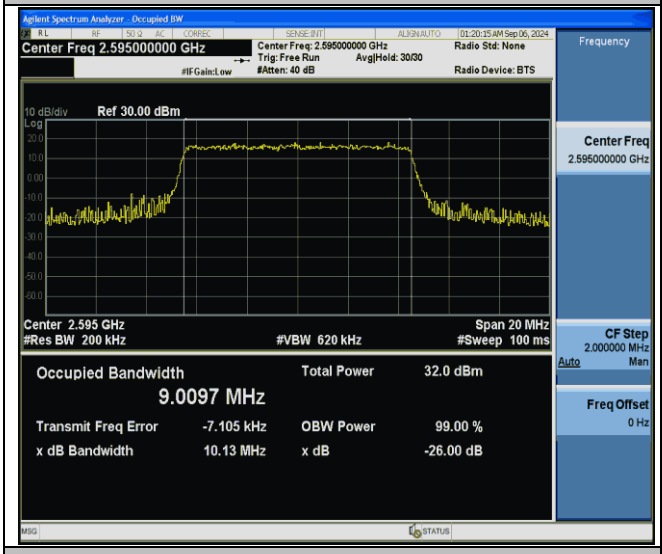

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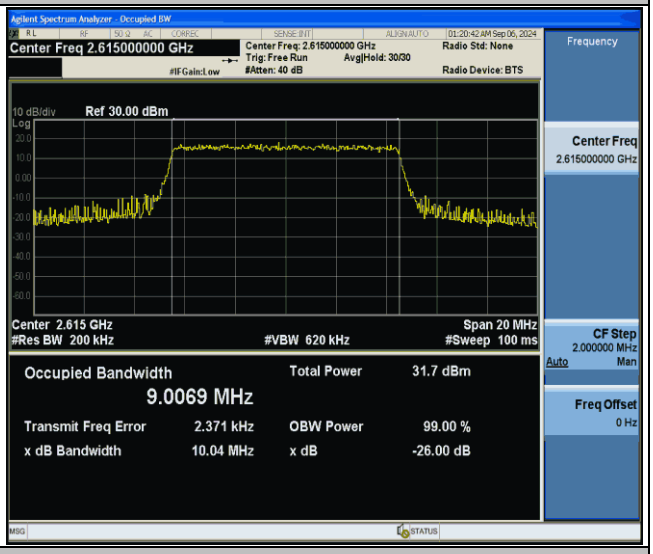

Band38-10MHz-16QAM-38200-50RB#0-PASS

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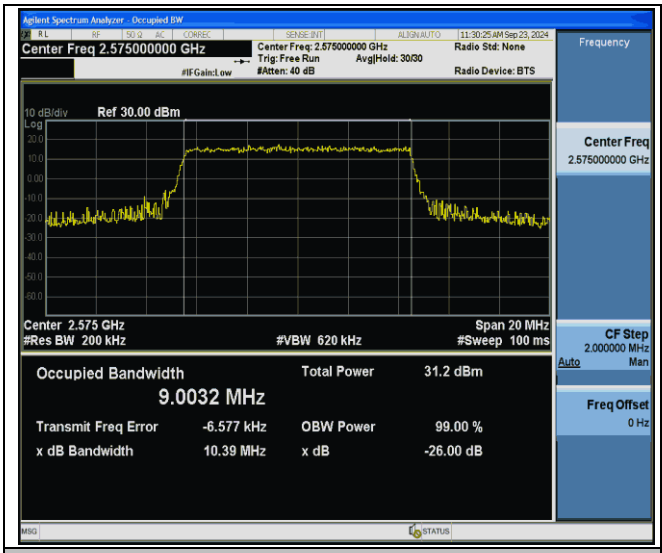

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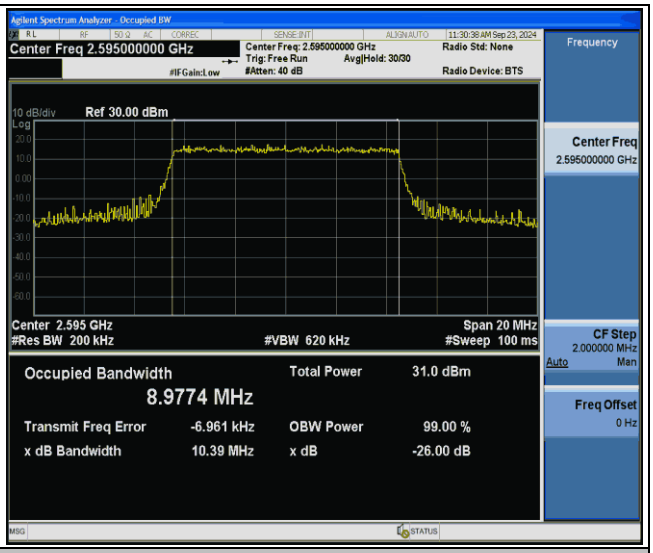

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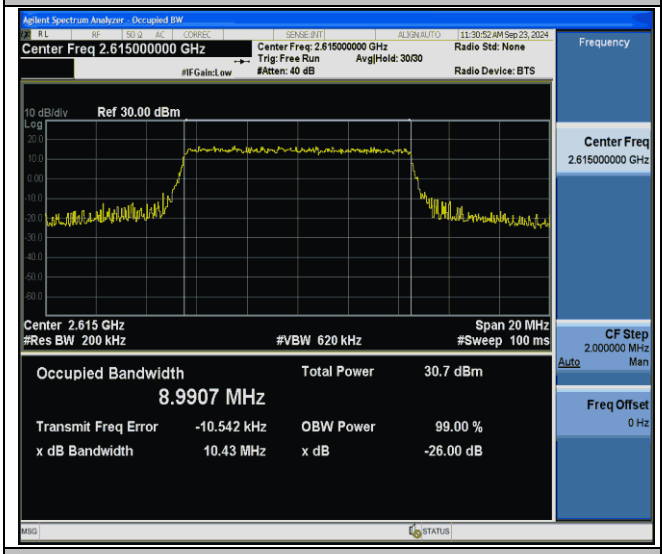

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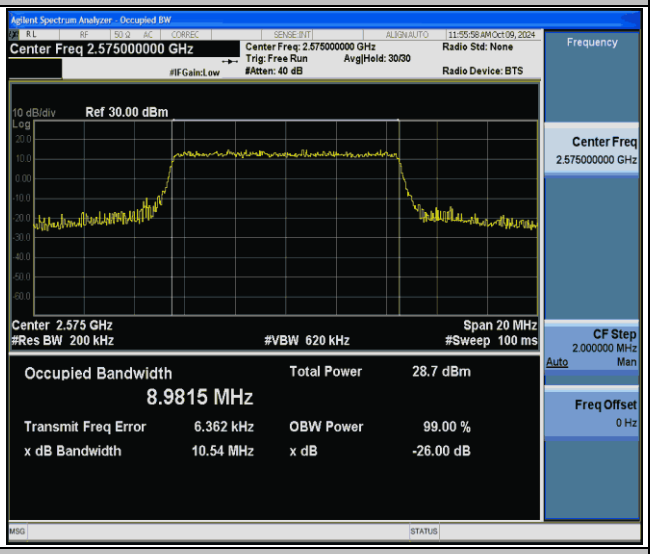
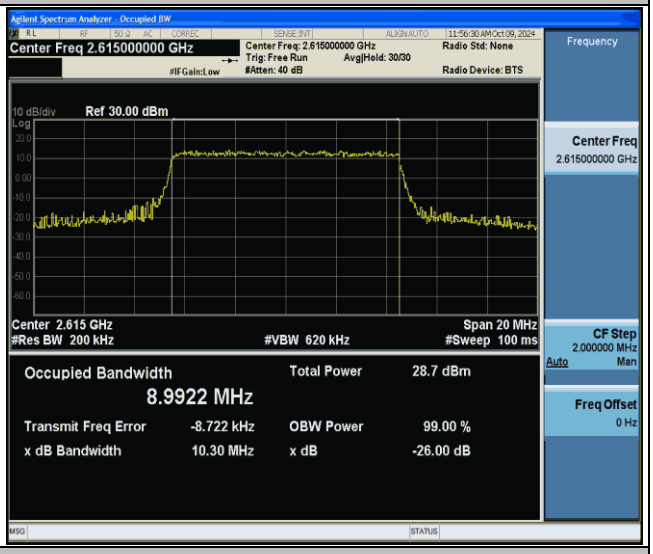


Band38-10MHz-256QAM-37800-50RB#0-PASS

Band38-10MHz-256QAM-38000-50RB#0-PASS



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

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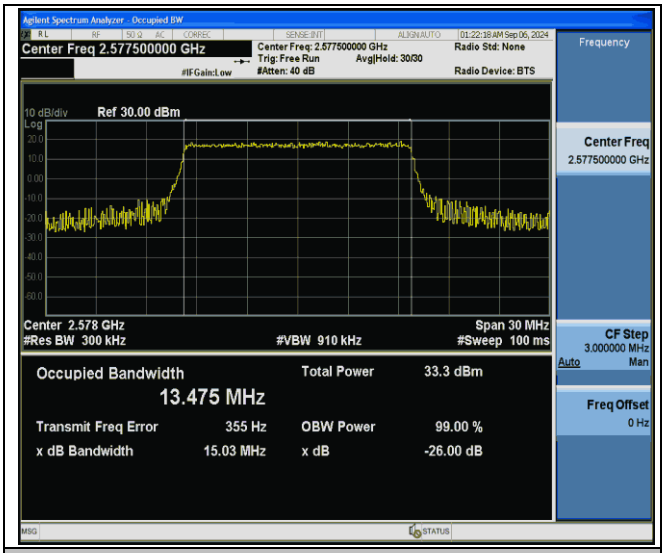
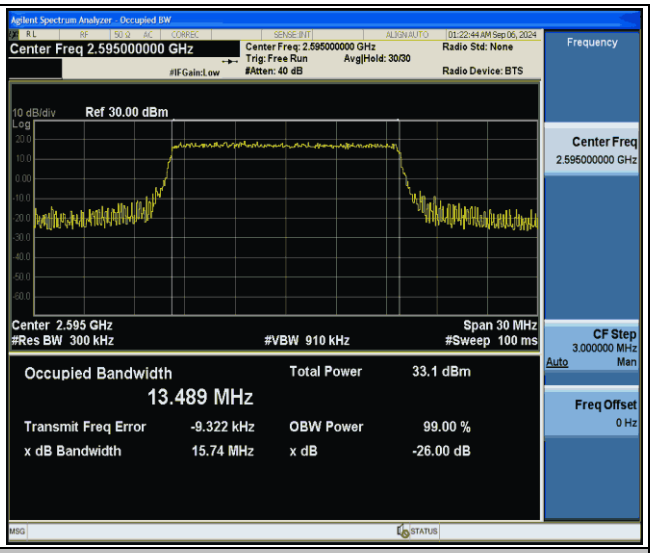


Band38-15MHz-QPSK-37825-75RB#0-PASS



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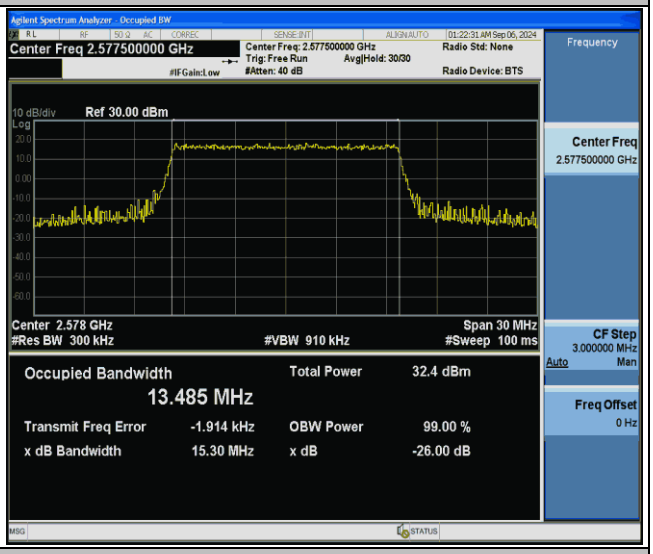
Band38-15MHz-QPSK-38175-75RB#0-PASS



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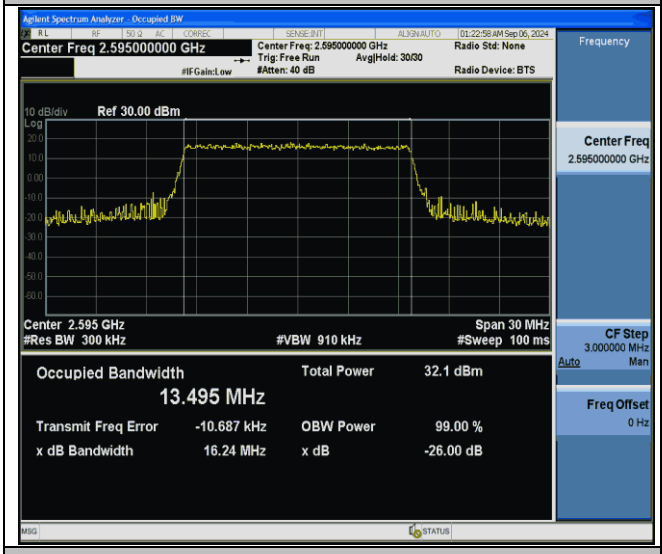

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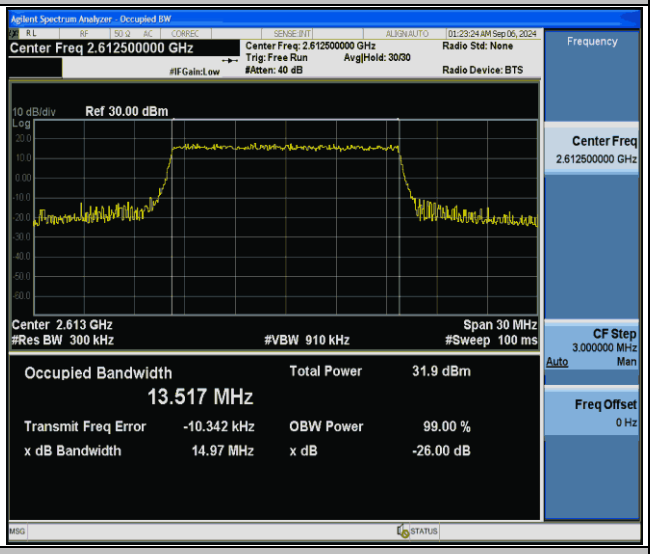

Band38-15MHz-16QAM-38175-75RB#0-PASS

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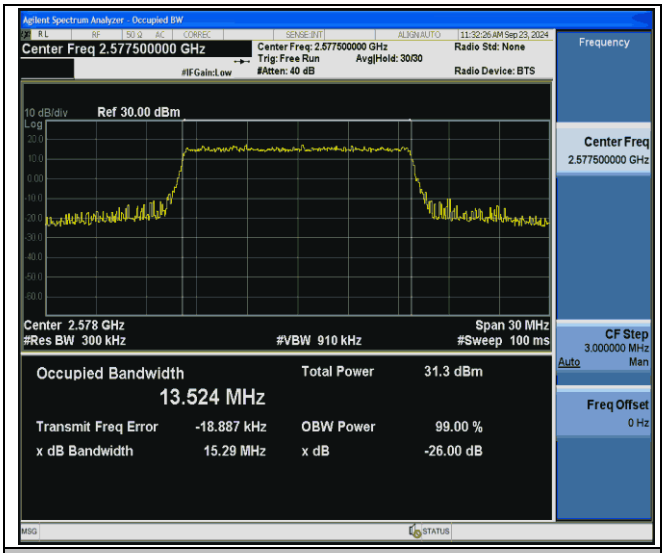

Band38-15MHz-64QAM-37825-75RB#0-PASS

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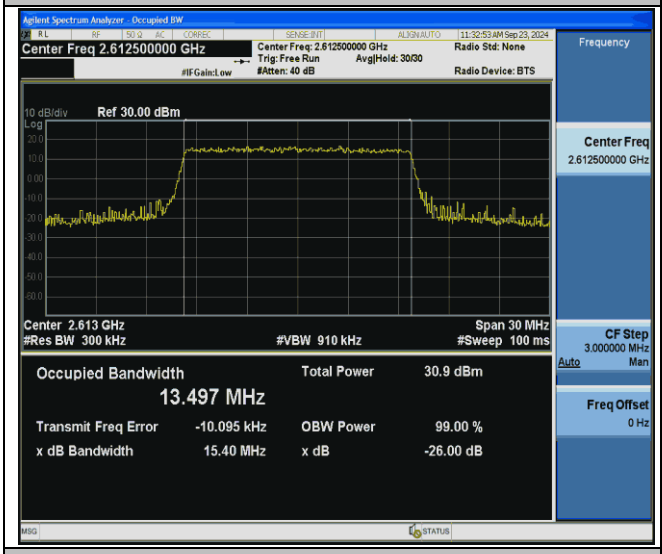
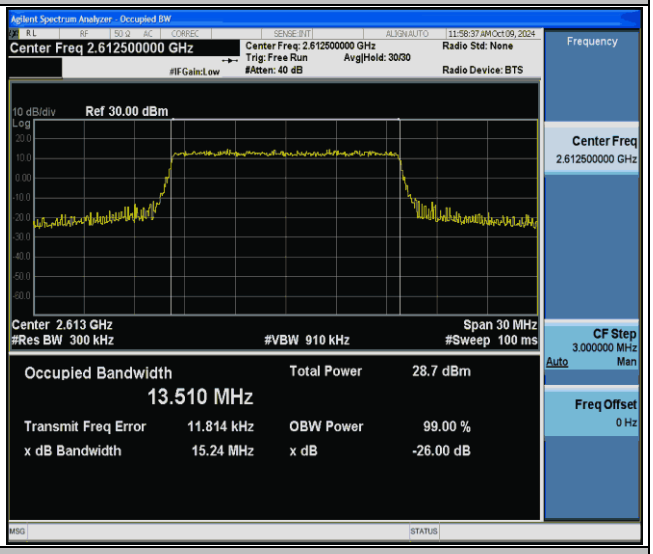


Band38-15MHz-64QAM-38175-75RB#0-PASS

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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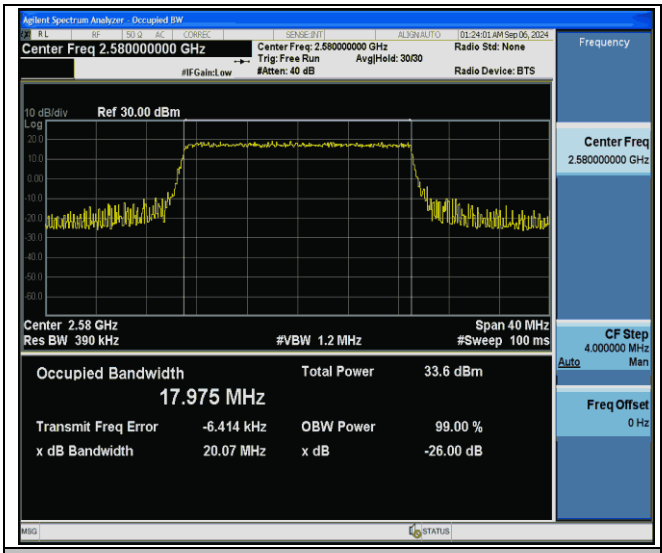
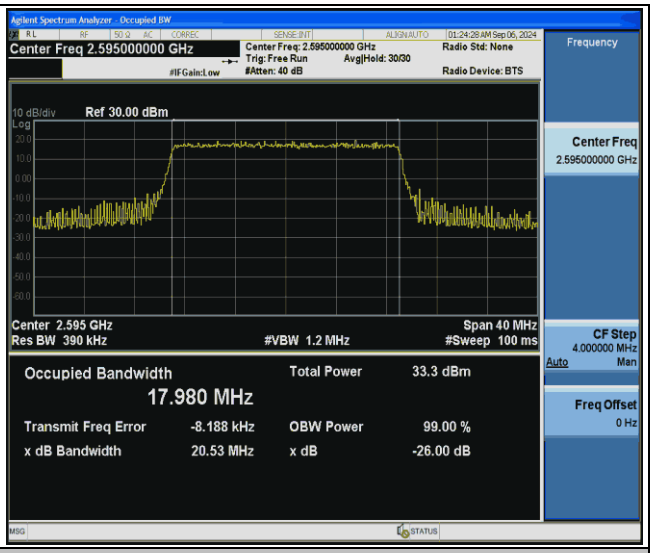


Band38-20MHz-QPSK-37850-100RB#0-PASS



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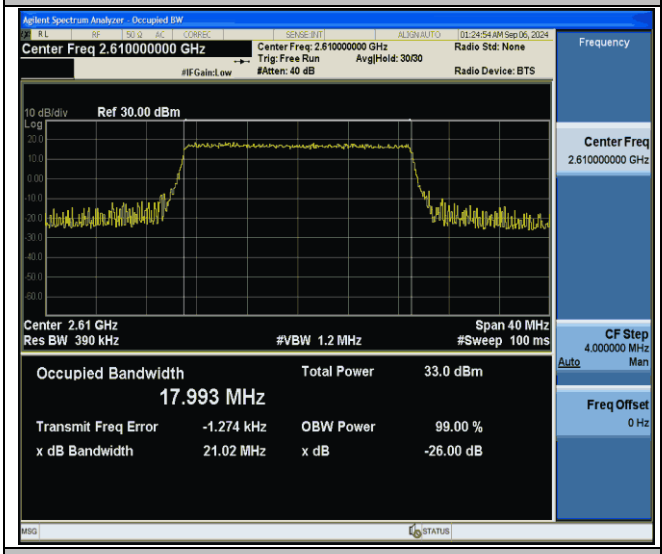

Band38-20MHz-QPSK-38150-100RB#0-PASS

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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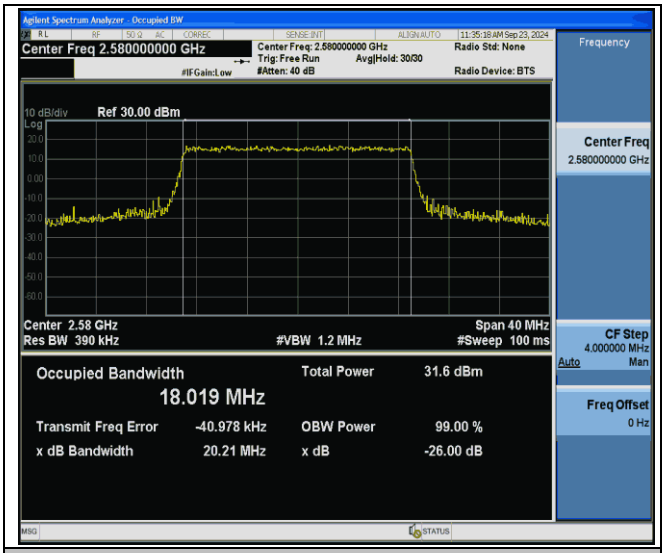
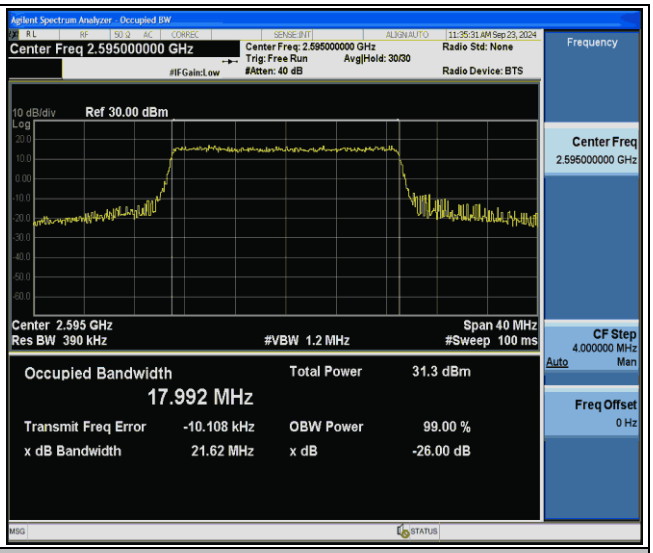


Band38-20MHz-64QAM-37850-100RB#0-PASS



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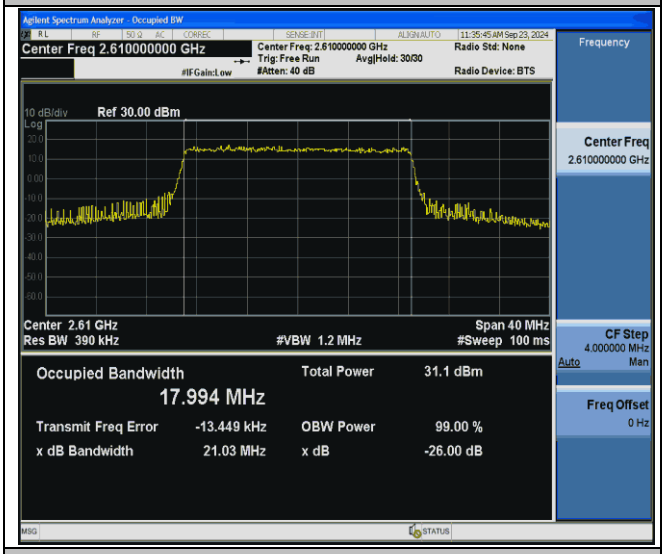
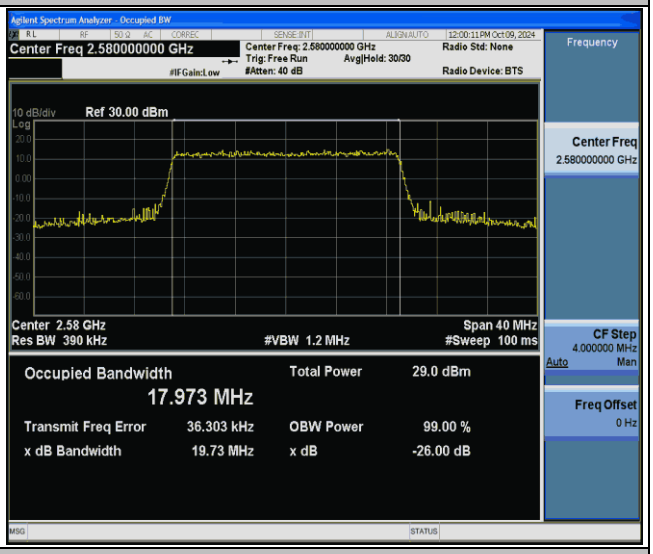
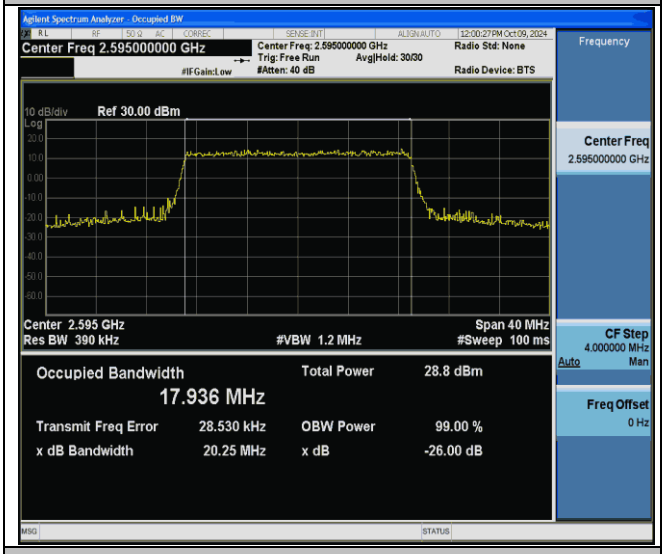


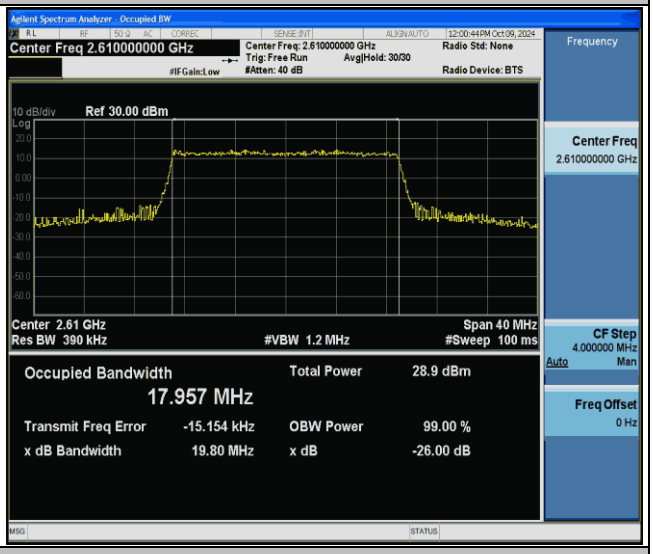
Band38-20MHz-64QAM-38150-100RB#0-PASS



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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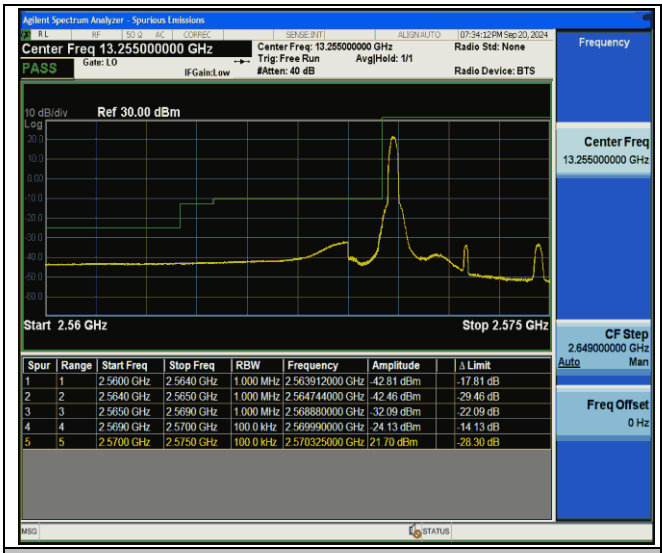
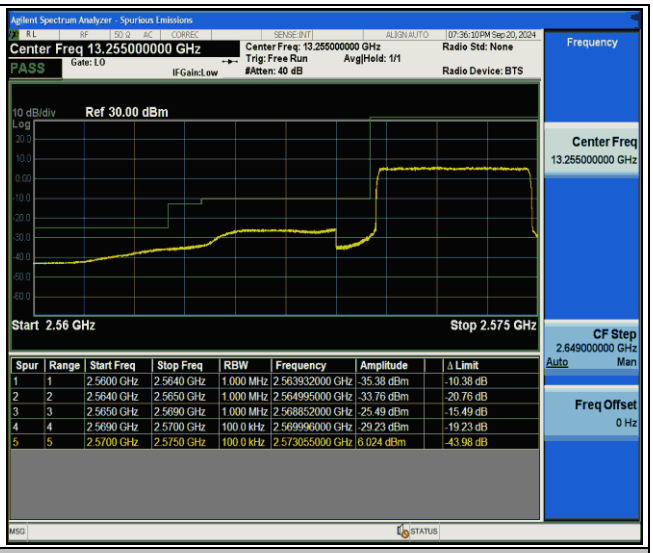
Band Edge

Test Graphs

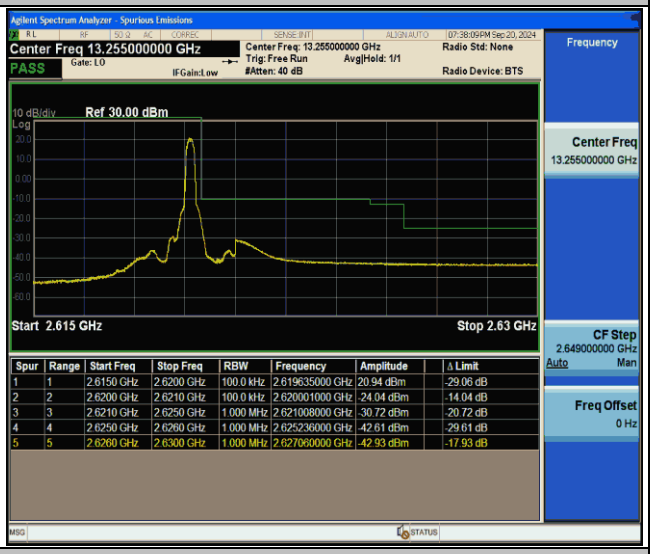


Band38-5MHz-QPSK-37775-1RB#0-PASS

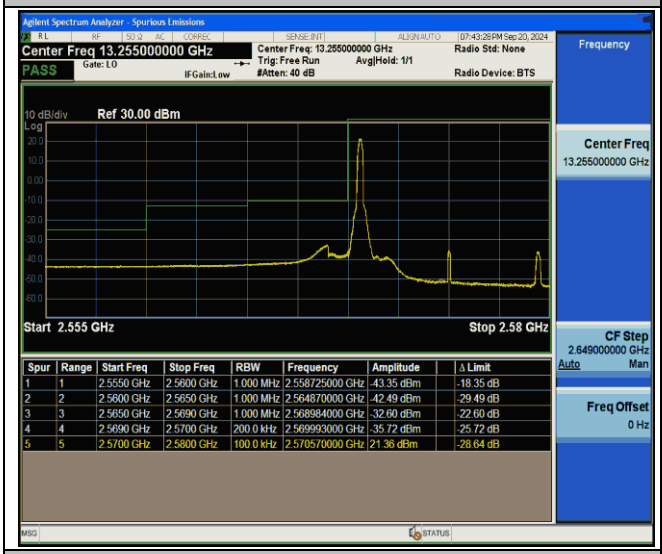


Band38-5MHz-QPSK-37775-25RB#0-PASS

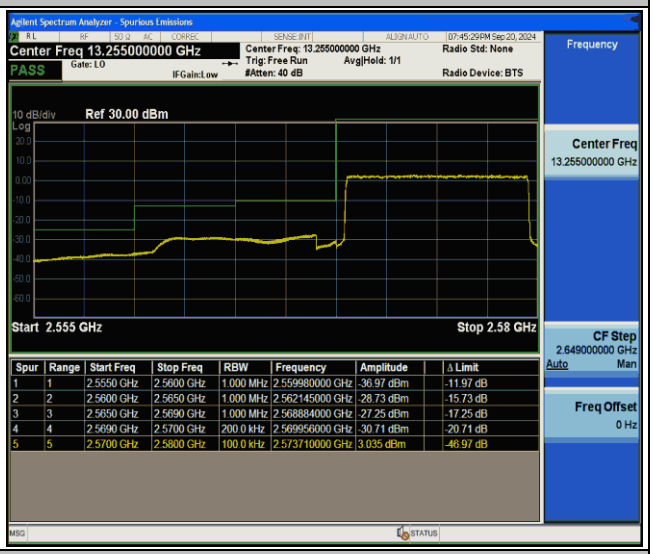
Band38-5MHz-QPSK-38225-25RB#0-PASS



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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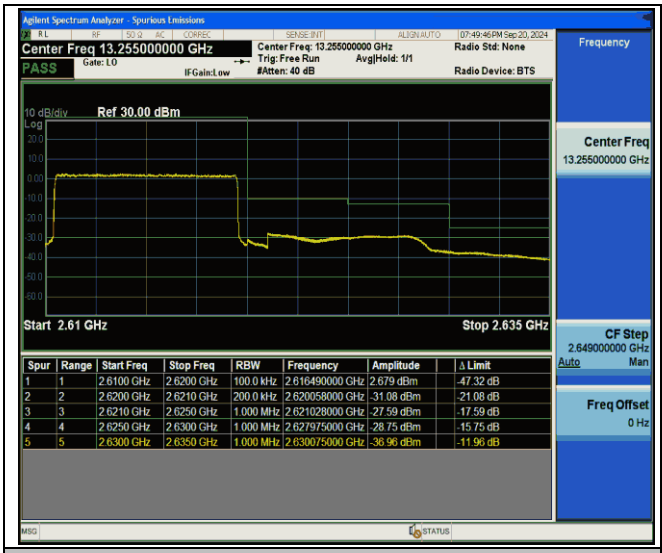
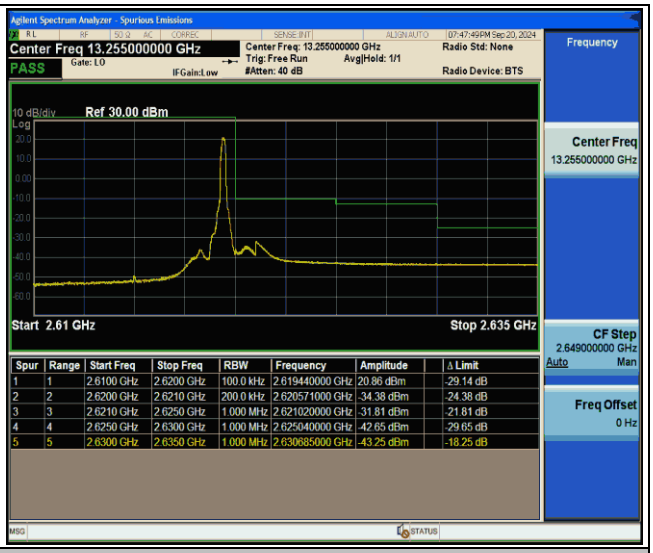
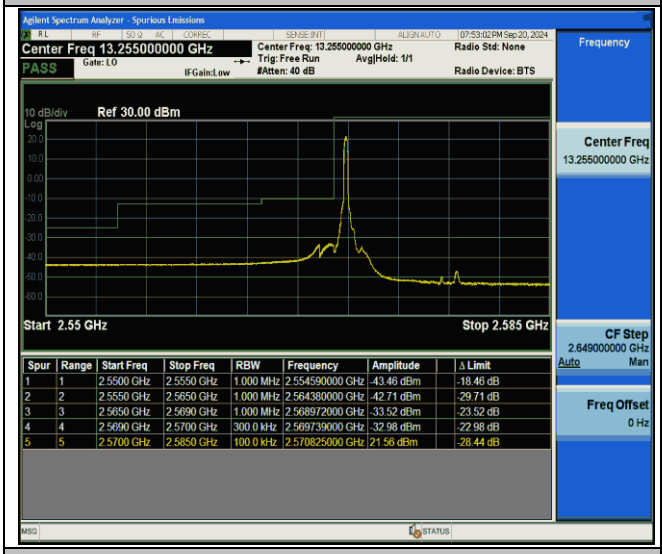


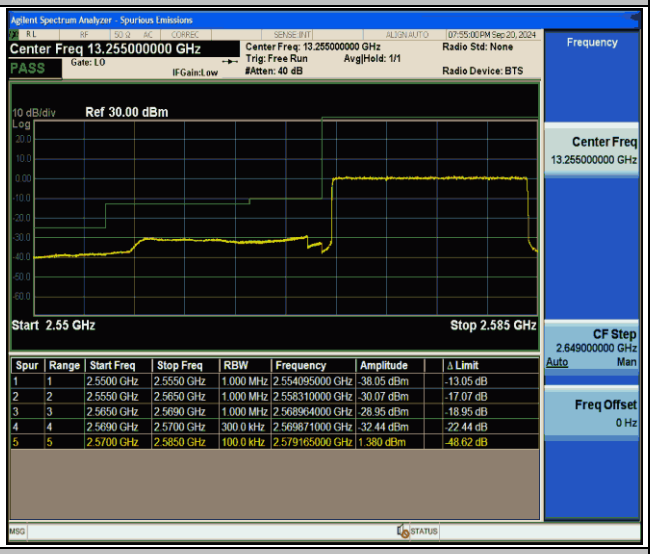
Band38-10MHz-QPSK-38200-50RB#0-PASS



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

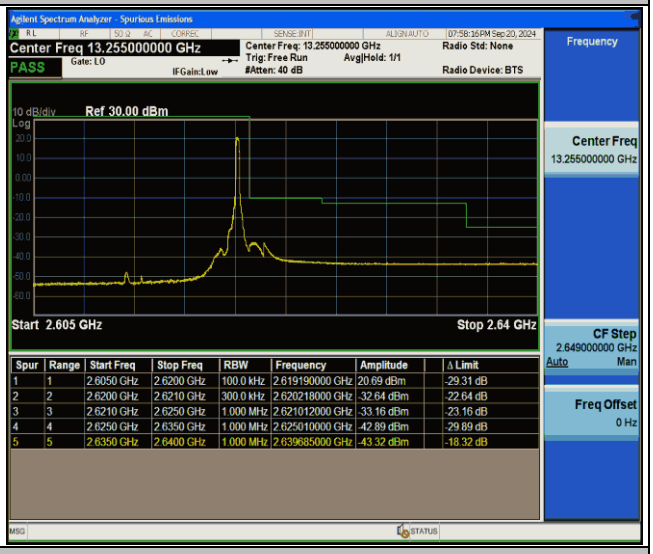


Band38-15MHz-QPSK-37825-1RB#0-PASS



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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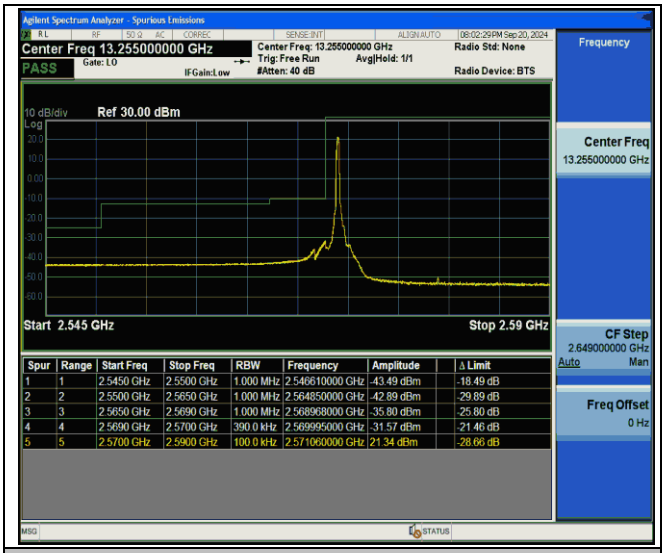
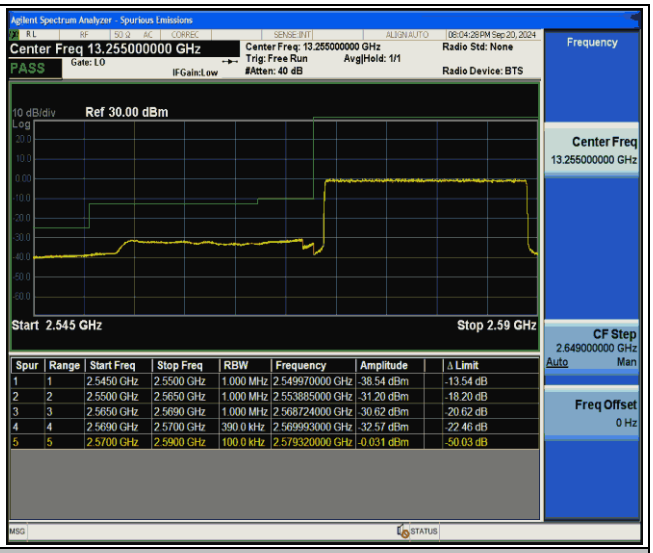
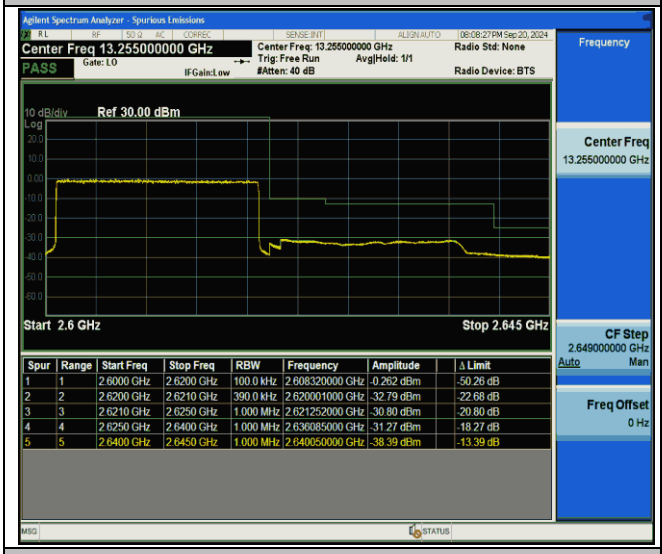


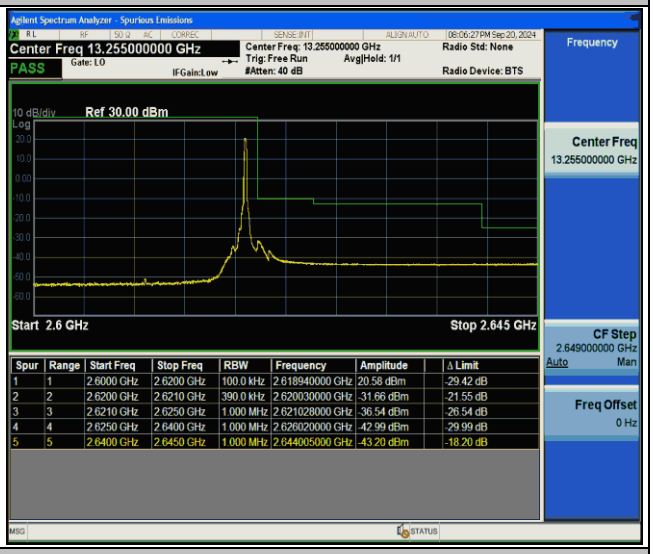
Band38-20MHz-QPSK-37850-1RB#0-PASS



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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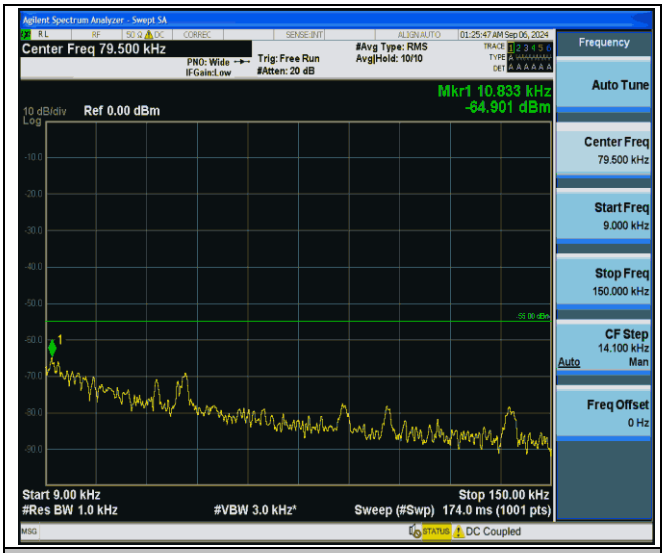
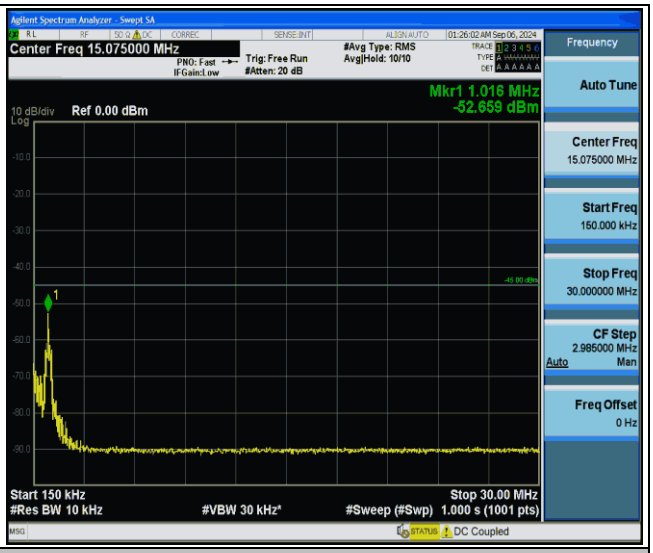
Conducted Spurious Emission

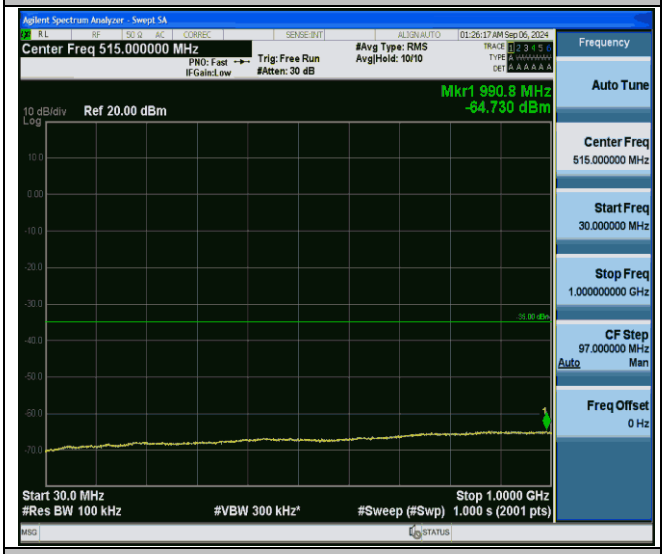
Test Graphs



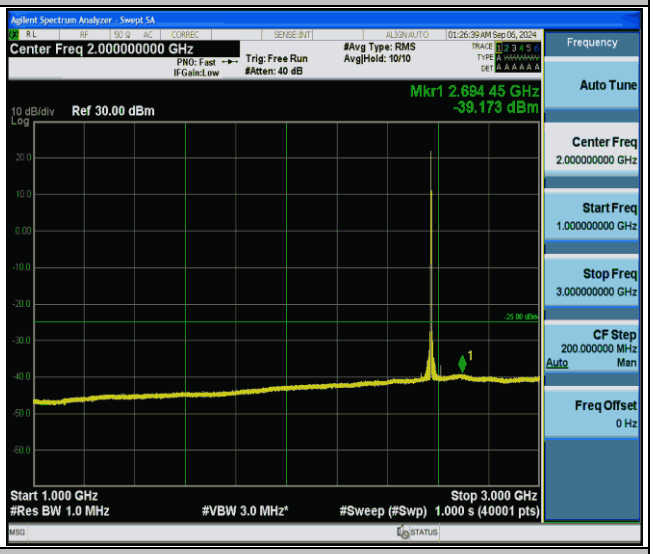
Band38-20MHz-QPSK-37850-1RB#0-0.009~0.15-PASS



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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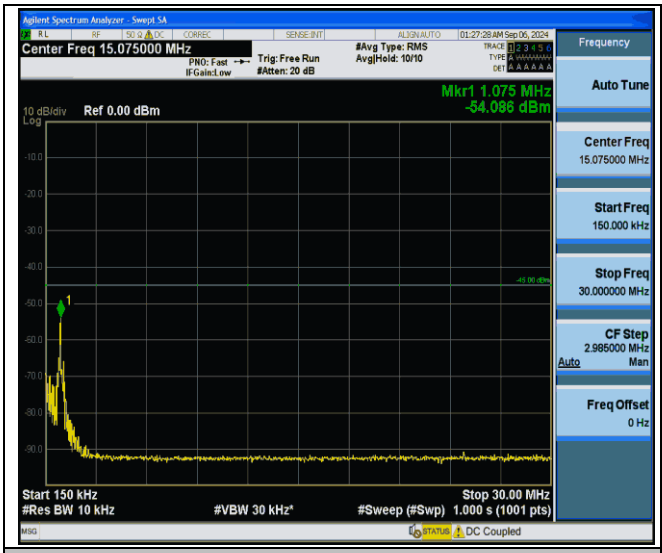
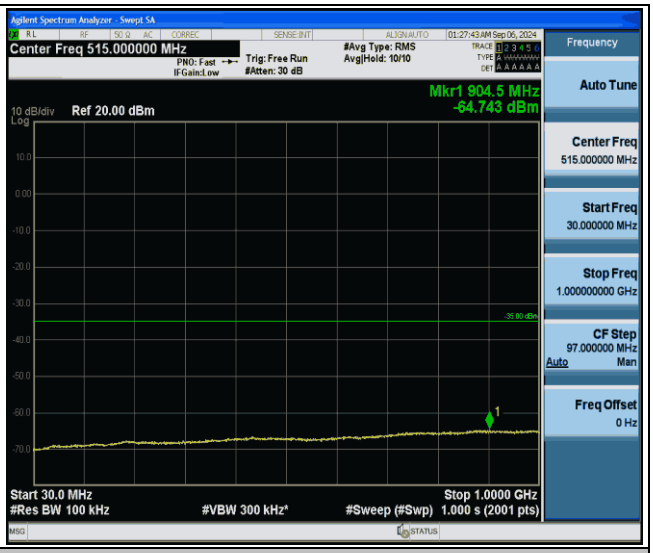


Band38-20MHz-QPSK-38000-1RB#0-0.15~30-PASS

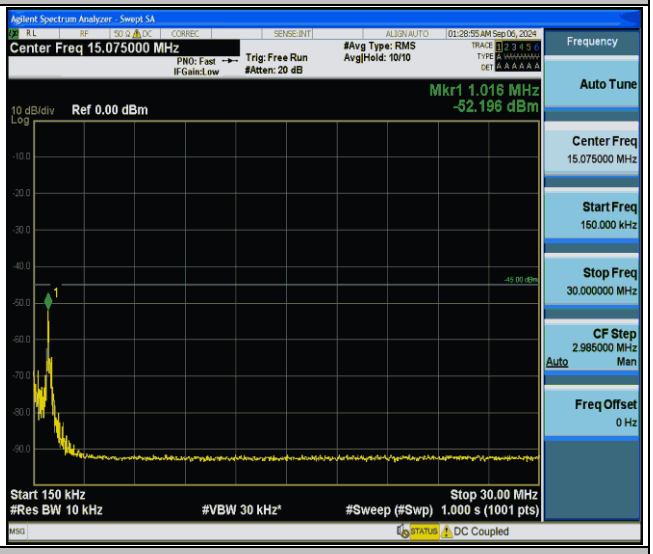


Band38-20MHz-QPSK-38000-1RB#0-30~1000-PASS

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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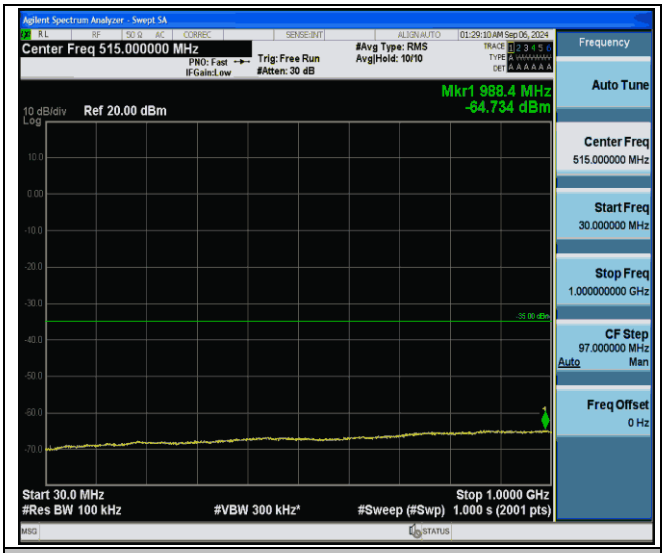
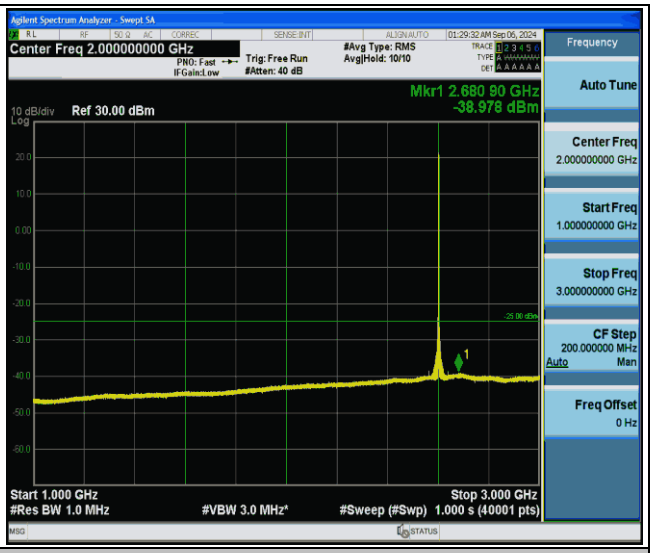


Band38-20MHz-QPSK-38150-1RB#0-30~1000-PASS



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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