Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.57	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.50	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.51	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.61	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.61	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.48	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.50	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.30	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.38	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.34	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.51	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.42	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.42	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.50	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.47	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.50	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.56	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.57	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.62	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.54	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.66	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.87	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.60	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.57	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.56	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.49	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.45	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.11	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.02	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.97	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.41	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.41	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.33	PASS

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Band38	5MHz	16QAM	38000	25RB#0	20.52	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.22	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.25	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.18	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.48	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.48	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.43	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.55	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.70	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.70	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.64	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.57	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.58	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.68	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.55	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.33	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.25	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.39	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.47	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.48	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.48	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.48	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.50	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.65	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.60	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.53	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.54	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.57	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.60	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.77	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.29	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.04	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.51	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.51	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.66	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.64	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.62	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.50	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.64	PASS

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Band38	10MHz	16QAM	38000	25RB#0	20.57	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.57	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.41	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.61	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.05	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.23	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.15	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.60	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.69	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.73	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.63	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.52	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.53	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.36	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.53	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.56	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.56	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.52	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.40	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.35	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.55	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.44	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.44	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.44	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.44	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.27	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.44	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.51	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.41	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.40	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.40	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.40	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.52	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.51	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.37	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.53	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.56	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.55	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.59	PASS

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Band38	15MHz	16QAM	38000	1RB#0	21.44	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.79	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.54	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.44	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.44	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.44	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.49	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.23	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.44	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.41	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.41	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.40	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.40	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.46	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.61	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.83	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.39	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.40	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.40	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.34	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.42	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.20	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.37	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.43	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.47	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.33	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.41	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.40	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.24	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.76	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.47	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.39	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.32	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.32	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.63	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.68	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.57	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.60	PASS

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Band38	20MHz	16QAM	37850	50RB#25	20.59	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.60	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.48	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.41	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.15	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.43	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.43	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.43	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.36	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.92	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.29	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.04	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.48	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.49	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.69	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.46	PASS

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.59	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	8.96	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.66	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.22	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.68	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.06	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	8.74	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.75	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	8.89	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.88	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	9.09	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.72	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.36	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.24	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.51	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.22	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.85	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.33	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	9.00	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.80	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.47	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.93	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	9.63	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.76	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.46	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.19	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.64	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.19	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.81	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.54	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	9.17	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.78	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	9.62	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.51	13	PASS

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Band38	15MHz	16QAM	38175	1RB#0	9.58	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.85	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	8.81	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.95	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.66	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.94	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.87	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.04	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.07	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.53	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.53	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.87	13	PASS

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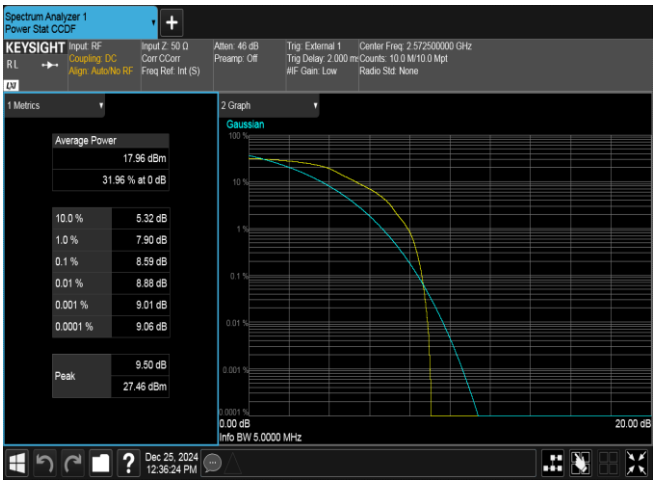
Test Graphs

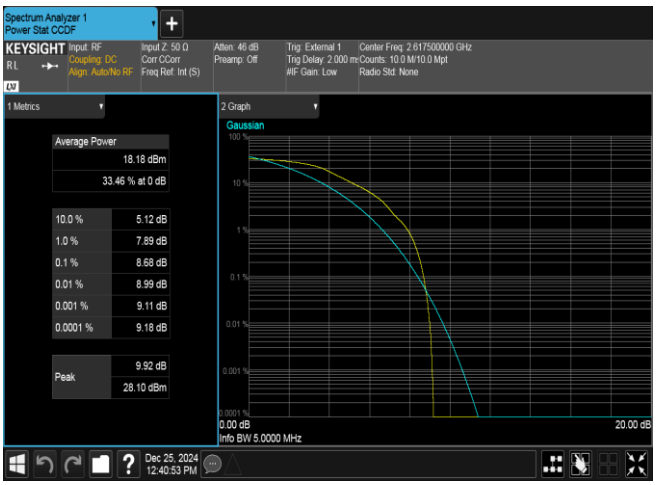


Band38-5MHz-QPSK-37775-1RB#0-PASS

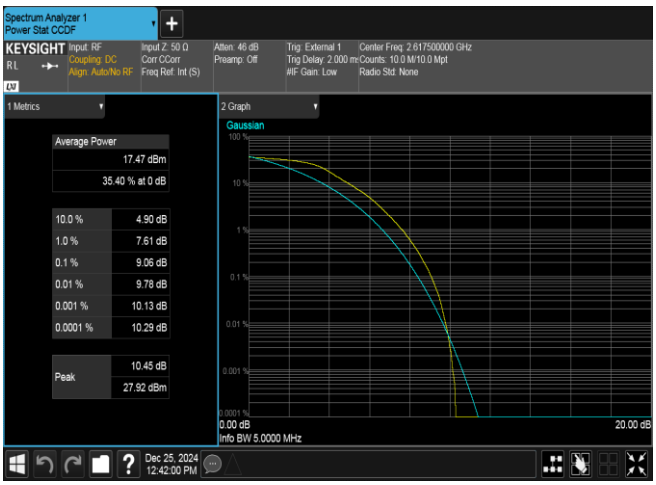
Band38-5MHz-QPSK-37775-25RB#0-PASS

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

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



Band38-5MHz-QPSK-38225-1RB#0-PASS



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

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Band38-5MHz-16QAM-37775-1RB#0-PASS

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

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

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

Band38-5MHz-16QAM-38225-1RB#0-PASS

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

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

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

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

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

Band38-10MHz-QPSK-38200-1RB#0-PASS

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

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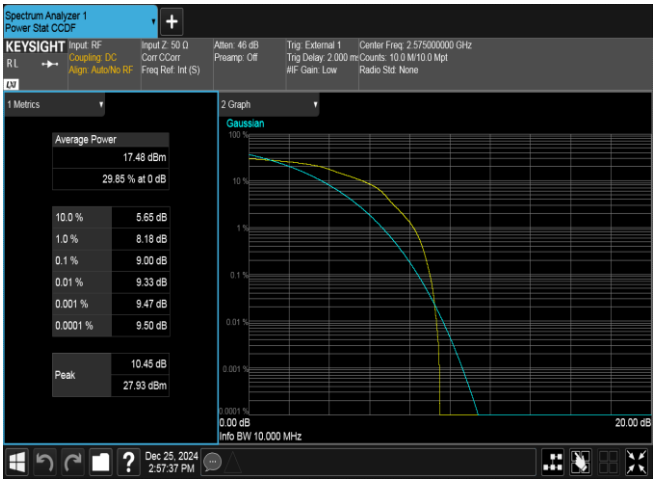

Band38-10MHz-16QAM-37800-1RB#0-PASS

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

Band38-10MHz-16QAM-38000-1RB#0-PASS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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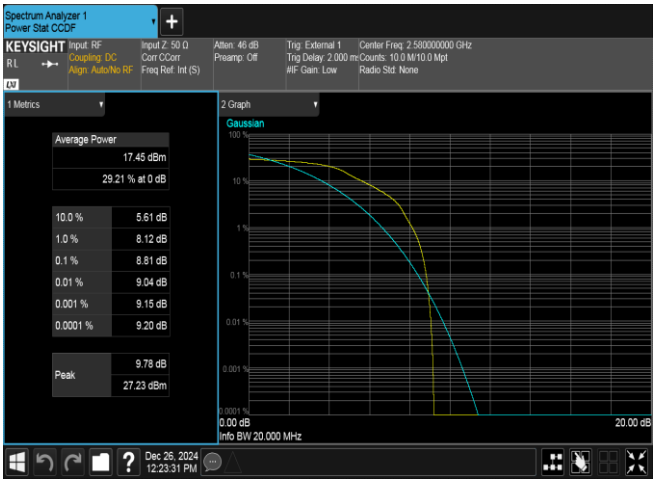
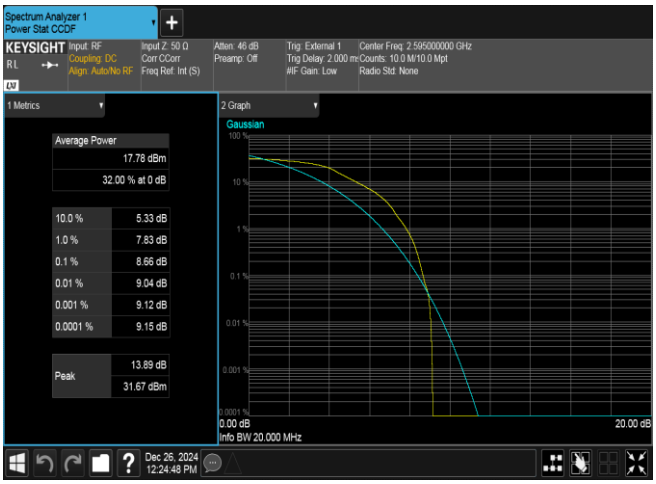


Band38-20MHz-QPSK-37850-1RB#0-PASS

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



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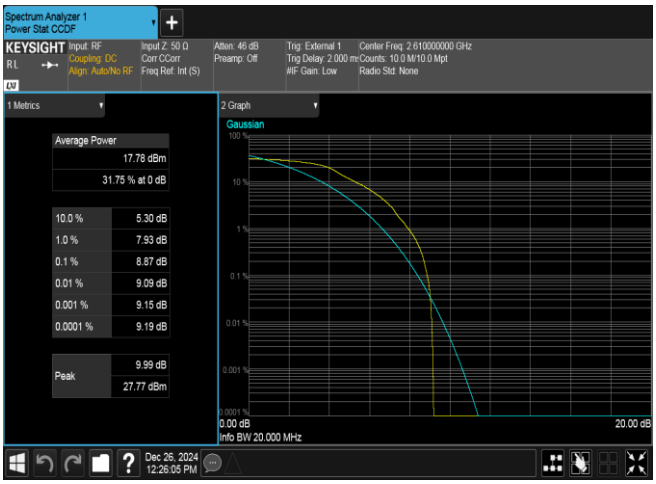

Band38-20MHz-QPSK-38150-1RB#0-PASS

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

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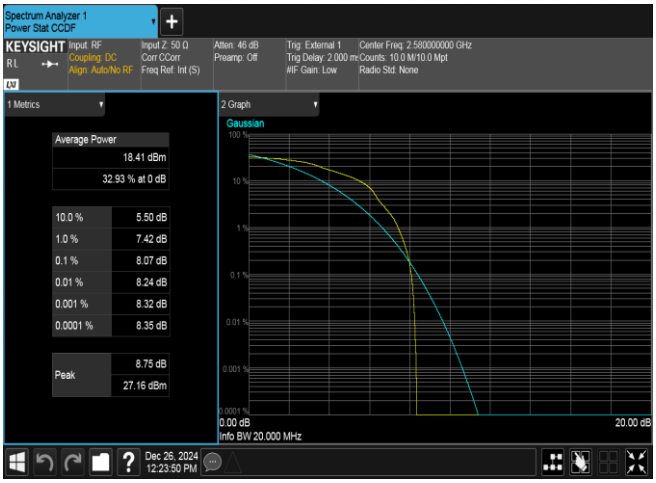

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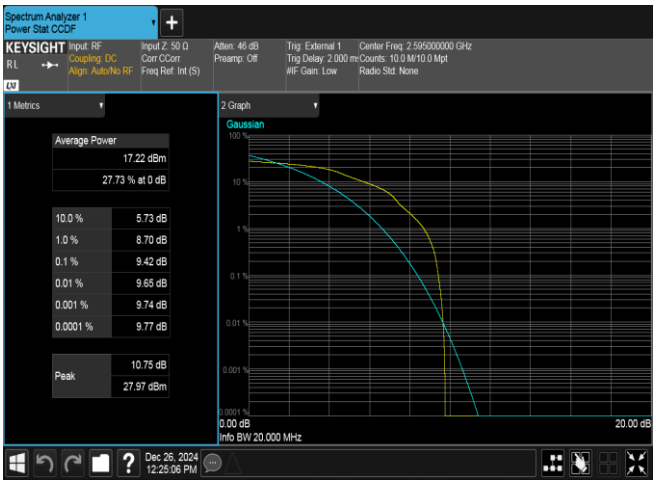

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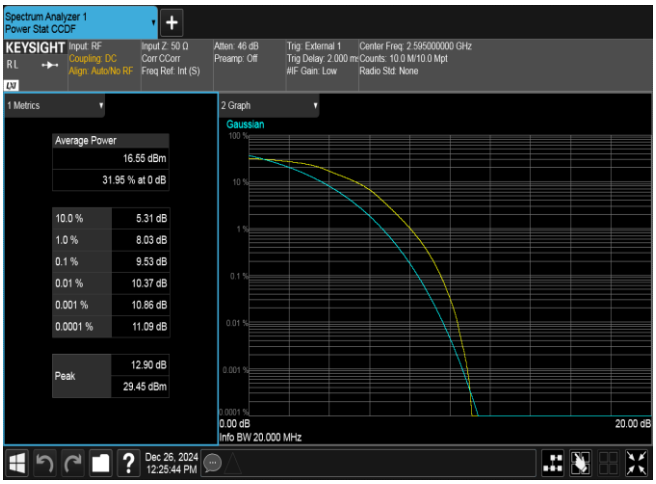

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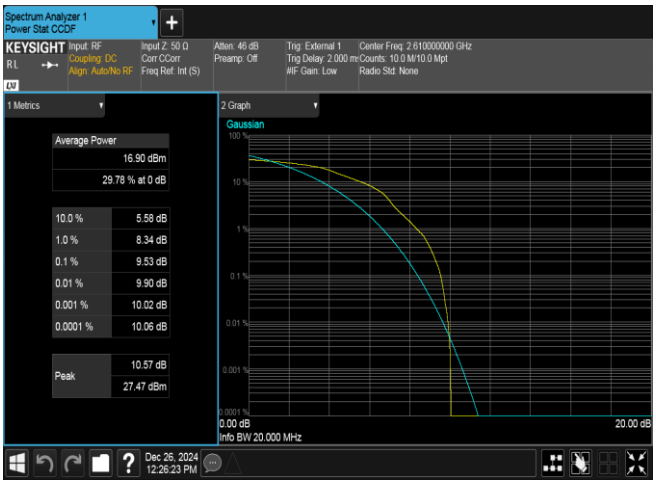

Band38-20MHz-16QAM-38150-1RB#0-PASS

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

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Appendix C: 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	4.4990	5.280	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4900	5.056	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4989	5.263	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4992	5.133	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4852	4.946	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5005	5.134	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9739	9.916	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9632	9.822	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9781	9.892	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9732	9.842	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9799	9.869	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9626	9.801	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.440	14.72	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.369	14.90	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.450	14.82	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.450	14.83	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.467	14.66	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.424	14.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.918	20.02	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.901	19.36	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.954	19.81	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.924	20.57	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.879	19.73	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.874	19.34	PASS

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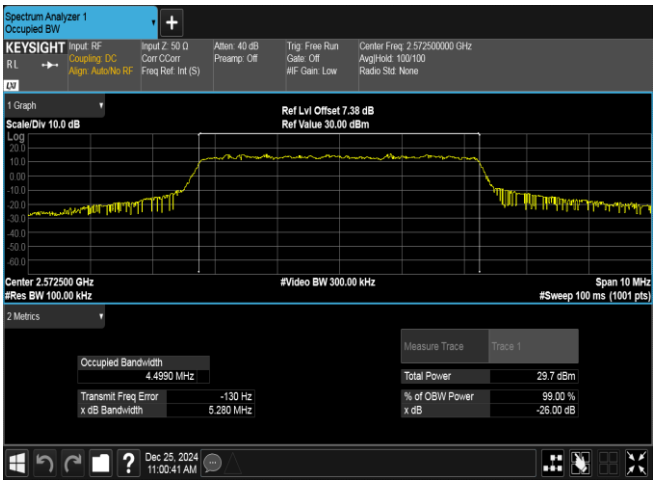
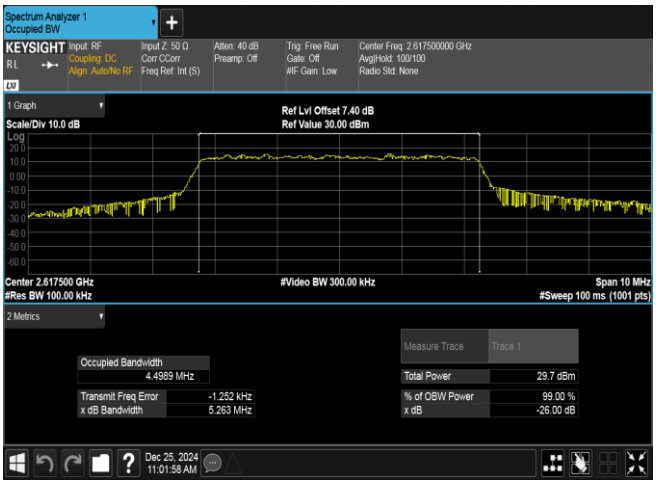
Test Graphs



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

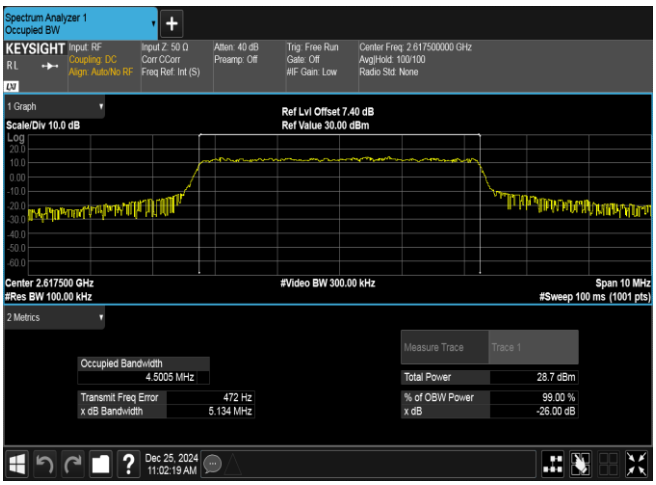
Band38-5MHz-QPSK-38000-25RB#0-PASS



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

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

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



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

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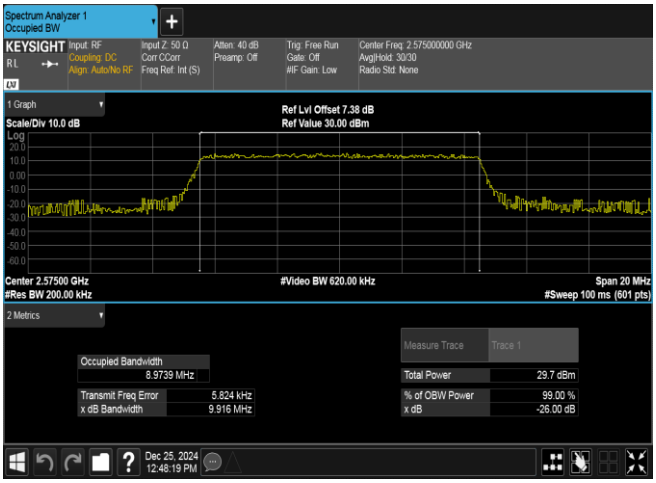
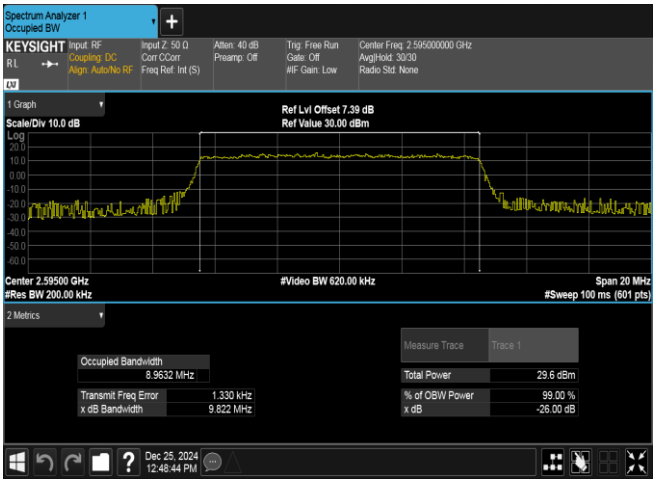


Band38-10MHz-QPSK-37800-50RB#0-PASS



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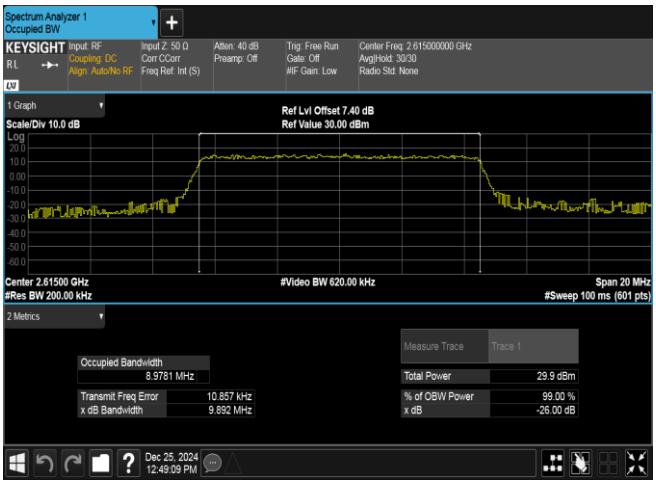
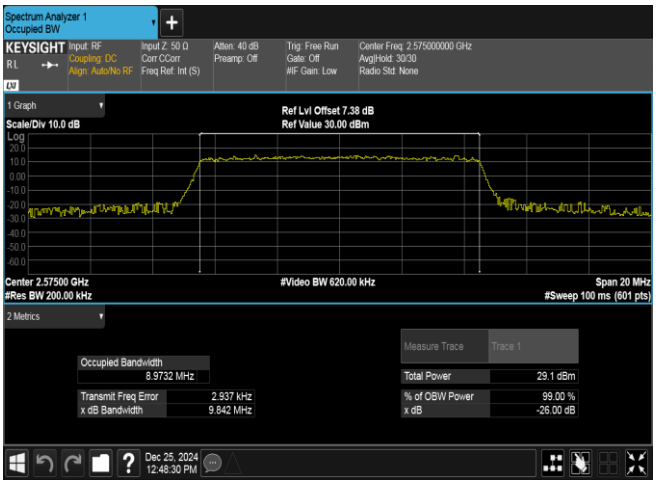


Band38-10MHz-QPSK-38200-50RB#0-PASS



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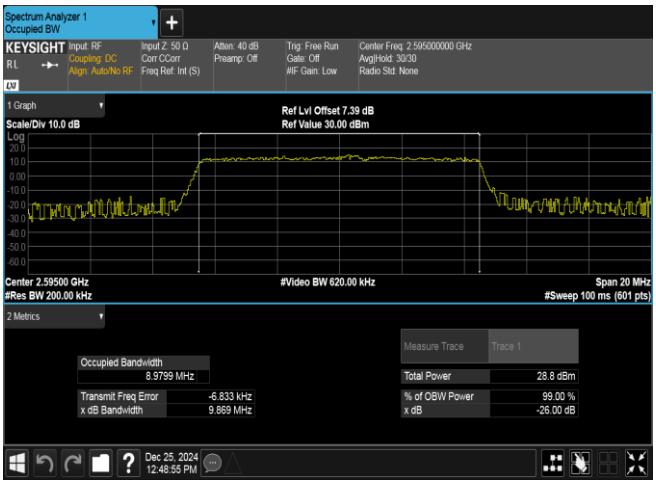

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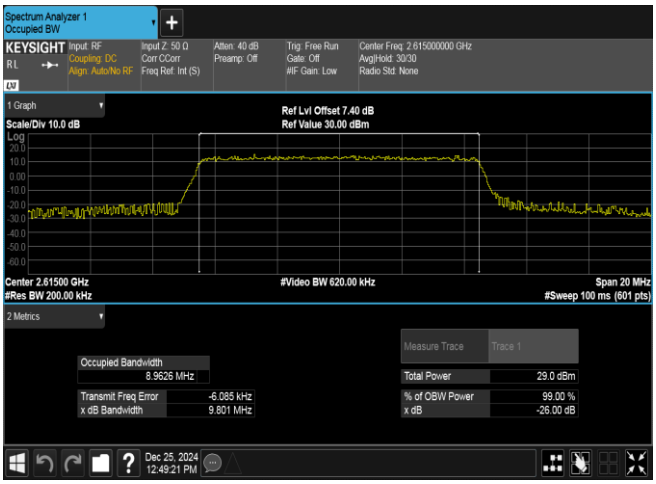

Band38-10MHz-16QAM-38200-50RB#0-PASS

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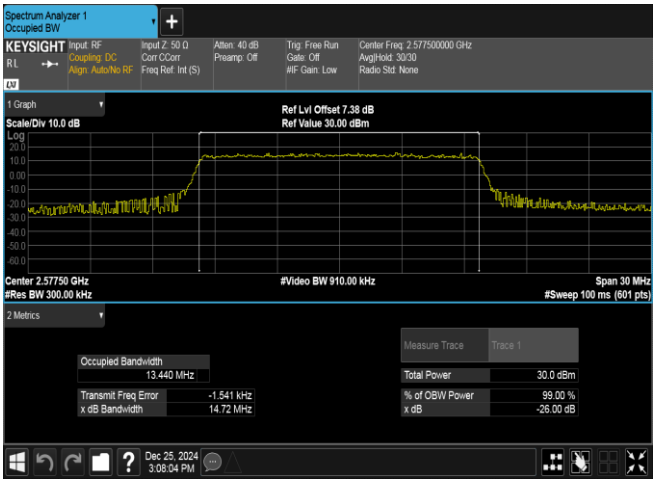
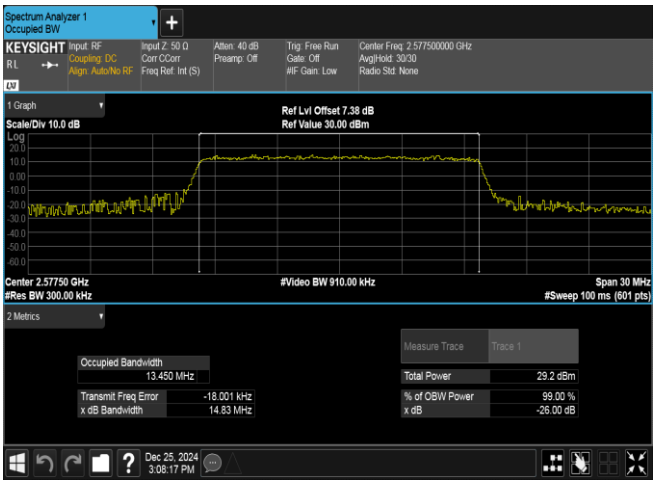


Band38-15MHz-QPSK-37825-75RB#0-PASS

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

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



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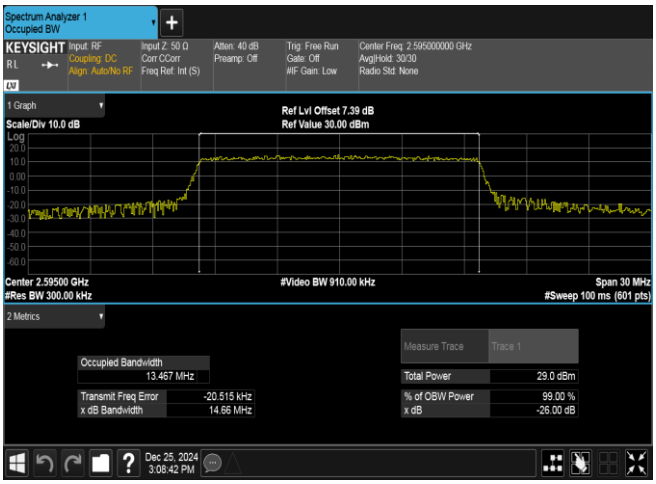

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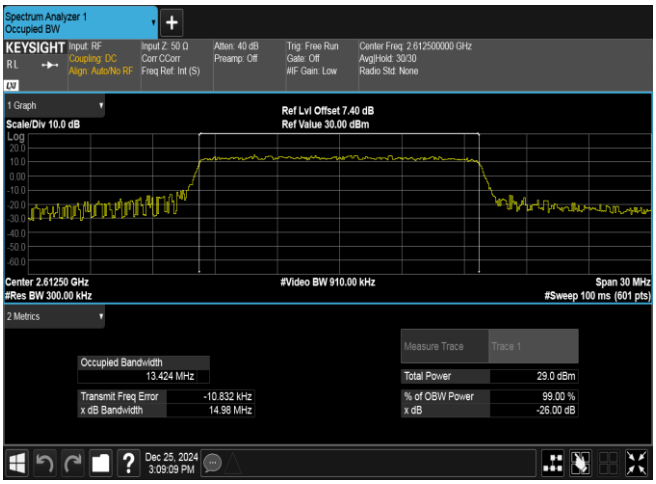

Band38-15MHz-16QAM-38175-75RB#0-PASS

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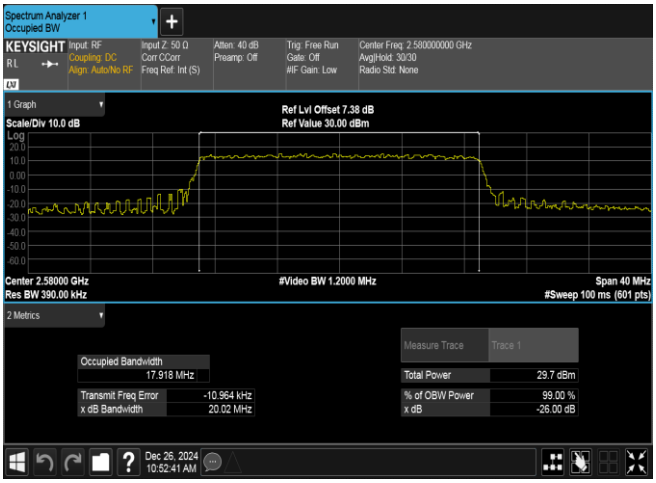

Band38-20MHz-QPSK-37850-100RB#0-PASS

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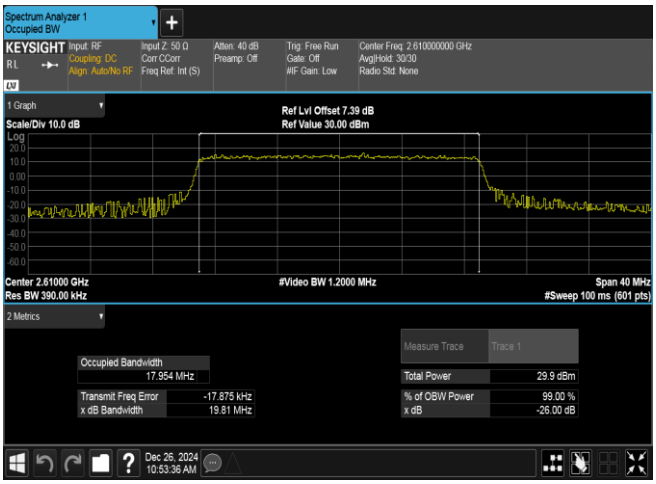
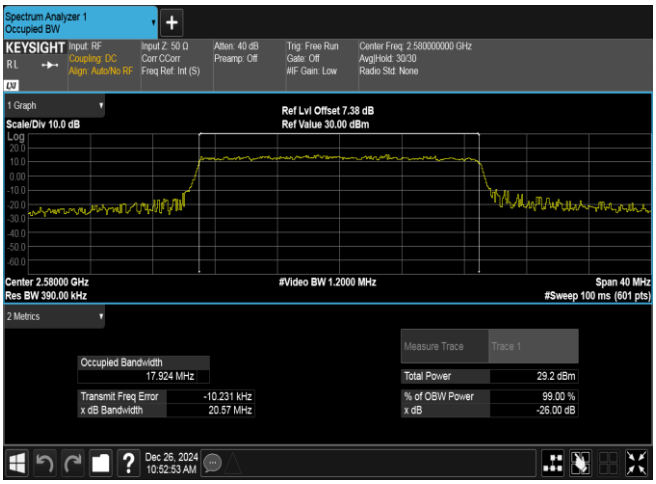


Band38-20MHz-QPSK-38150-100RB#0-PASS



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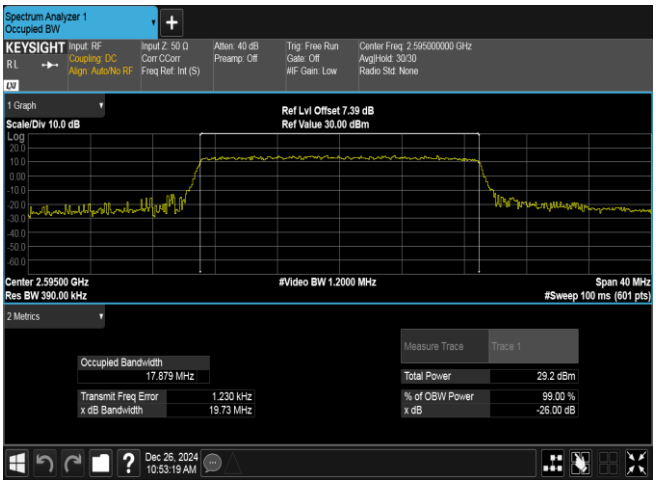

Band38-20MHz-16QAM-38000-100RB#0-PASS

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

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