Appendix-A LTE Band 48

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	24.54	18.41	PASS
Band48	5MHz	QPSK	55265	12RB#0	23.70	17.57	PASS
Band48	5MHz	QPSK	55265	25RB#0	23.71	17.58	PASS
Band48	5MHz	QPSK	55265	12RB#6	23.74	17.61	PASS
Band48	5MHz	QPSK	55265	1RB#12	24.73	18.6	PASS
Band48	5MHz	QPSK	55265	12RB#13	23.71	17.58	PASS
Band48	5MHz	QPSK	55265	1RB#24	24.61	18.48	PASS
Band48	5MHz	QPSK	55990	1RB#0	24.76	18.63	PASS
Band48	5MHz	QPSK	55990	12RB#0	23.84	17.71	PASS
Band48	5MHz	QPSK	55990	25RB#0	23.94	17.81	PASS
Band48	5MHz	QPSK	55990	12RB#6	23.95	17.82	PASS
Band48	5MHz	QPSK	55990	1RB#12	24.87	18.74	PASS
Band48	5MHz	QPSK	55990	12RB#13	23.94	17.81	PASS
Band48	5MHz	QPSK	55990	1RB#24	24.81	18.68	PASS
Band48	5MHz	QPSK	56715	1RB#0	25.12	18.99	PASS
Band48	5MHz	QPSK	56715	12RB#0	24.13	18	PASS
Band48	5MHz	QPSK	56715	25RB#0	24.13	18	PASS
Band48	5MHz	QPSK	56715	12RB#6	24.12	17.99	PASS
Band48	5MHz	QPSK	56715	1RB#12	25.18	19.05	PASS
Band48	5MHz	QPSK	56715	12RB#13	24.20	18.07	PASS
Band48	5MHz	QPSK	56715	1RB#24	25.13	19	PASS
Band48	5MHz	16QAM	55265	1RB#0	24.05	17.92	PASS
Band48	5MHz	16QAM	55265	12RB#0	22.74	16.61	PASS
Band48	5MHz	16QAM	55265	25RB#0	22.76	16.63	PASS
Band48	5MHz	16QAM	55265	12RB#6	22.77	16.64	PASS
Band48	5MHz	16QAM	55265	1RB#12	24.06	17.93	PASS
Band48	5MHz	16QAM	55265	12RB#13	22.71	16.58	PASS
Band48	5MHz	16QAM	55265	1RB#24	23.99	17.86	PASS
Band48	5MHz	16QAM	55990	1RB#0	24.29	18.16	PASS
Band48	5MHz	16QAM	55990	12RB#0	22.90	16.77	PASS
Band48	5MHz	16QAM	55990	25RB#0	22.97	16.84	PASS
Band48	5MHz	16QAM	55990	12RB#6	22.97	16.84	PASS
Band48	5MHz	16QAM	55990	1RB#12	24.23	18.1	PASS
Band48	5MHz	16QAM	55990	12RB#13	23.00	16.87	PASS
Band48	5MHz	16QAM	55990	1RB#24	24.29	18.16	PASS
Band48	5MHz	16QAM	56715	1RB#0	24.54	18.41	PASS

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Band48	5MHz	16QAM	56715	12RB#0	23.16	17.03	PASS
Band48	5MHz	16QAM	56715	25RB#0	23.15	17.02	PASS
Band48	5MHz	16QAM	56715	12RB#6	23.18	17.05	PASS
Band48	5MHz	16QAM	56715	1RB#12	24.54	18.41	PASS
Band48	5MHz	16QAM	56715	12RB#13	23.25	17.12	PASS
Band48	5MHz	16QAM	56715	1RB#24	24.46	18.33	PASS
Band48	5MHz	64QAM	55265	1RB#0	22.89	16.76	PASS
Band48	5MHz	64QAM	55265	12RB#0	21.87	15.74	PASS
Band48	5MHz	64QAM	55265	25RB#0	21.85	15.72	PASS
Band48	5MHz	64QAM	55265	12RB#6	21.87	15.74	PASS
Band48	5MHz	64QAM	55265	1RB#12	23.13	17	PASS
Band48	5MHz	64QAM	55265	12RB#13	21.84	15.71	PASS
Band48	5MHz	64QAM	55265	1RB#24	22.98	16.85	PASS
Band48	5MHz	64QAM	55990	1RB#0	23.12	16.99	PASS
Band48	5MHz	64QAM	55990	12RB#0	21.95	15.82	PASS
Band48	5MHz	64QAM	55990	25RB#0	22.03	15.9	PASS
Band48	5MHz	64QAM	55990	12RB#6	22.06	15.93	PASS
Band48	5MHz	64QAM	55990	1RB#12	23.29	17.16	PASS
Band48	5MHz	64QAM	55990	12RB#13	22.07	15.94	PASS
Band48	5MHz	64QAM	55990	1RB#24	23.19	17.06	PASS
Band48	5MHz	64QAM	56715	1RB#0	23.41	17.28	PASS
Band48	5MHz	64QAM	56715	12RB#0	22.22	16.09	PASS
Band48	5MHz	64QAM	56715	25RB#0	22.34	16.21	PASS
Band48	5MHz	64QAM	56715	12RB#6	22.38	16.25	PASS
Band48	5MHz	64QAM	56715	1RB#12	23.57	17.44	PASS
Band48	5MHz	64QAM	56715	12RB#13	22.31	16.18	PASS
Band48	5MHz	64QAM	56715	1RB#24	23.45	17.32	PASS
Band48	5MHz	256QAM	55265	1RB#0	20.06	13.93	PASS
Band48	5MHz	256QAM	55265	12RB#0	19.93	13.8	PASS
Band48	5MHz	256QAM	55265	25RB#0	19.89	13.76	PASS
Band48	5MHz	256QAM	55265	12RB#6	19.97	13.84	PASS
Band48	5MHz	256QAM	55265	1RB#12	19.99	13.86	PASS
Band48	5MHz	256QAM	55265	12RB#13	19.92	13.79	PASS
Band48	5MHz	256QAM	55265	1RB#24	19.89	13.76	PASS
Band48	5MHz	256QAM	55990	1RB#0	20.23	14.1	PASS
Band48	5MHz	256QAM	55990	12RB#0	20.08	13.95	PASS
Band48	5MHz	256QAM	55990	25RB#0	20.16	14.03	PASS
Band48	5MHz	256QAM	55990	12RB#6	20.16	14.03	PASS
Band48	5MHz	256QAM	55990	1RB#12	20.25	14.12	PASS
Band48	5MHz	256QAM	55990	12RB#13	20.13	14	PASS
Band48	5MHz	256QAM	55990	1RB#24	20.20	14.07	PASS
Band48	5MHz	256QAM	56715	1RB#0	20.22	14.09	PASS
Band48	5MHz	256QAM	56715	12RB#0	20.33	14.20	PASS
Band48	5MHz	256QAM	56715	25RB#0	20.38	14.25	PASS
Band48	5MHz	256QAM	56715	12RB#6	20.41	14.28	PASS

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Band48	5MHz	256QAM	56715	1RB#12	20.40	14.27	PASS
Band48	5MHz	256QAM	56715	12RB#13	20.32	14.19	PASS
Band48	5MHz	256QAM	56715	1RB#24	20.39	14.26	PASS
Band48	10MHz	QPSK	55290	1RB#0	24.72	18.59	PASS
Band48	10MHz	QPSK	55290	25RB#0	23.89	17.76	PASS
Band48	10MHz	QPSK	55290	50RB#0	23.88	17.75	PASS
Band48	10MHz	QPSK	55290	25RB#12	23.91	17.78	PASS
Band48	10MHz	QPSK	55290	1RB#24	24.80	18.67	PASS
Band48	10MHz	QPSK	55290	25RB#25	23.93	17.8	PASS
Band48	10MHz	QPSK	55290	1RB#49	24.79	18.66	PASS
Band48	10MHz	QPSK	55990	1RB#0	24.89	18.76	PASS
Band48	10MHz	QPSK	55990	25RB#0	24.00	17.87	PASS
Band48	10MHz	QPSK	55990	50RB#0	24.09	17.96	PASS
Band48	10MHz	QPSK	55990	25RB#12	24.09	17.96	PASS
Band48	10MHz	QPSK	55990	1RB#24	24.99	18.86	PASS
Band48	10MHz	QPSK	55990	25RB#25	24.11	17.98	PASS
Band48	10MHz	QPSK	55990	1RB#49	25.05	18.92	PASS
Band48	10MHz	QPSK	56690	1RB#0	25.30	19.17	PASS
Band48	10MHz	QPSK	56690	25RB#0	24.38	18.25	PASS
Band48	10MHz	QPSK	56690	50RB#0	24.35	18.22	PASS
Band48	10MHz	QPSK	56690	25RB#12	24.42	18.29	PASS
Band48	10MHz	QPSK	56690	1RB#24	25.32	19.19	PASS
Band48	10MHz	QPSK	56690	25RB#25	24.41	18.28	PASS
Band48	10MHz	QPSK	56690	1RB#49	25.27	19.14	PASS
Band48	10MHz	16QAM	55290	1RB#0	24.06	17.93	PASS
Band48	10MHz	16QAM	55290	25RB#0	22.90	16.77	PASS
Band48	10MHz	16QAM	55290	50RB#0	22.93	16.8	PASS
Band48	10MHz	16QAM	55290	25RB#12	22.96	16.83	PASS
Band48	10MHz	16QAM	55290	1RB#24	24.16	18.03	PASS
Band48	10MHz	16QAM	55290	25RB#25	22.91	16.78	PASS
Band48	10MHz	16QAM	55290	1RB#49	24.13	18	PASS
Band48	10MHz	16QAM	55990	1RB#0	24.22	18.09	PASS
Band48	10MHz	16QAM	55990	25RB#0	23.04	16.91	PASS
Band48	10MHz	16QAM	55990	50RB#0	23.11	16.98	PASS
Band48	10MHz	16QAM	55990	25RB#12	23.18	17.05	PASS
Band48	10MHz	16QAM	55990	1RB#24	24.37	18.24	PASS
Band48	10MHz	16QAM	55990	25RB#25	23.14	17.01	PASS
Band48	10MHz	16QAM	55990	1RB#49	24.37	18.24	PASS
Band48	10MHz	16QAM	56690	1RB#0	24.65	18.52	PASS
Band48	10MHz	16QAM	56690	25RB#0	23.41	17.28	PASS
Band48	10MHz	16QAM	56690	50RB#0	23.41	17.28	PASS
Band48	10MHz	16QAM	56690	25RB#12	23.39	17.26	PASS
Band48	10MHz	16QAM	56690	1RB#24	24.69	18.56	PASS
Band48	10MHz	16QAM	56690	25RB#25	23.44	17.31	PASS
Band48	10MHz	16QAM	56690	1RB#49	24.58	18.45	PASS

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Band48	10MHz	64QAM	55290	1RB#0	23.02	16.89	PASS
Band48	10MHz	64QAM	55290	25RB#0	21.95	15.82	PASS
Band48	10MHz	64QAM	55290	50RB#0	21.95	15.82	PASS
Band48	10MHz	64QAM	55290	25RB#12	21.98	15.85	PASS
Band48	10MHz	64QAM	55290	1RB#24	23.14	17.01	PASS
Band48	10MHz	64QAM	55290	25RB#25	21.95	15.82	PASS
Band48	10MHz	64QAM	55290	1RB#49	23.11	16.98	PASS
Band48	10MHz	64QAM	55990	1RB#0	23.18	17.05	PASS
Band48	10MHz	64QAM	55990	25RB#0	22.01	15.88	PASS
Band48	10MHz	64QAM	55990	50RB#0	22.14	16.01	PASS
Band48	10MHz	64QAM	55990	25RB#12	22.19	16.06	PASS
Band48	10MHz	64QAM	55990	1RB#24	23.28	17.15	PASS
Band48	10MHz	64QAM	55990	25RB#25	22.12	15.99	PASS
Band48	10MHz	64QAM	55990	1RB#49	23.39	17.26	PASS
Band48	10MHz	64QAM	56690	1RB#0	23.62	17.49	PASS
Band48	10MHz	64QAM	56690	25RB#0	22.41	16.28	PASS
Band48	10MHz	64QAM	56690	50RB#0	22.39	16.26	PASS
Band48	10MHz	64QAM	56690	25RB#12	22.40	16.27	PASS
Band48	10MHz	64QAM	56690	1RB#24	23.58	17.45	PASS
Band48	10MHz	64QAM	56690	25RB#25	22.45	16.32	PASS
Band48	10MHz	64QAM	56690	1RB#49	23.60	17.47	PASS
Band48	10MHz	256QAM	55290	1RB#0	19.83	13.7	PASS
Band48	10MHz	256QAM	55290	25RB#0	19.94	13.81	PASS
Band48	10MHz	256QAM	55290	50RB#0	19.90	13.77	PASS
Band48	10MHz	256QAM	55290	25RB#12	19.96	13.83	PASS
Band48	10MHz	256QAM	55290	1RB#24	19.99	13.86	PASS
Band48	10MHz	256QAM	55290	25RB#25	19.92	13.79	PASS
Band48	10MHz	256QAM	55290	1RB#49	19.97	13.84	PASS
Band48	10MHz	256QAM	55990	1RB#0	20.23	14.1	PASS
Band48	10MHz	256QAM	55990	25RB#0	20.08	13.95	PASS
Band48	10MHz	256QAM	55990	50RB#0	20.11	13.98	PASS
Band48	10MHz	256QAM	55990	25RB#12	20.13	14	PASS
Band48	10MHz	256QAM	55990	1RB#24	20.26	14.13	PASS
Band48	10MHz	256QAM	55990	25RB#25	20.12	13.99	PASS
Band48	10MHz	256QAM	55990	1RB#49	20.16	14.03	PASS
Band48	10MHz	256QAM	56690	1RB#0	20.18	14.05	PASS
Band48	10MHz	256QAM	56690	25RB#0	20.39	14.26	PASS
Band48	10MHz	256QAM	56690	50RB#0	20.33	14.2	PASS
Band48	10MHz	256QAM	56690	25RB#12	20.35	14.22	PASS
Band48	10MHz	256QAM	56690	1RB#24	20.59	14.46	PASS
Band48	10MHz	256QAM	56690	25RB#25	20.38	14.25	PASS
Band48	10MHz	256QAM	56690	1RB#49	20.50	14.37	PASS
Band48	15MHz	QPSK	55315	1RB#0	24.57	18.44	PASS
Band48	15MHz	QPSK	55315	38RB#0	24.59	18.46	PASS
Band48	15MHz	QPSK	55315	75RB#0	23.64	17.51	PASS

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Band48	15MHz	QPSK	55315	38RB#18	24.63	18.5	PASS
Band48	15MHz	QPSK	55315	38RB#37	24.75	18.62	PASS
Band48	15MHz	QPSK	55315	1RB#38	24.60	18.47	PASS
Band48	15MHz	QPSK	55315	1RB#74	24.54	18.41	PASS
Band48	15MHz	QPSK	55990	1RB#0	24.68	18.55	PASS
Band48	15MHz	QPSK	55990	38RB#0	24.81	18.68	PASS
Band48	15MHz	QPSK	55990	75RB#0	23.90	17.77	PASS
Band48	15MHz	QPSK	55990	38RB#18	24.79	18.66	PASS
Band48	15MHz	QPSK	55990	38RB#37	24.82	18.69	PASS
Band48	15MHz	QPSK	55990	1RB#38	24.81	18.68	PASS
Band48	15MHz	QPSK	55990	1RB#74	24.93	18.8	PASS
Band48	15MHz	QPSK	56665	1RB#0	25.19	19.06	PASS
Band48	15MHz	QPSK	56665	38RB#0	25.14	19.01	PASS
Band48	15MHz	QPSK	56665	75RB#0	24.26	18.13	PASS
Band48	15MHz	QPSK	56665	38RB#18	25.32	19.19	PASS
Band48	15MHz	QPSK	56665	38RB#37	25.13	19	PASS
Band48	15MHz	QPSK	56665	1RB#38	25.29	19.16	PASS
Band48	15MHz	QPSK	56665	1RB#74	25.15	19.02	PASS
Band48	15MHz	16QAM	55315	1RB#0	23.85	17.72	PASS
Band48	15MHz	16QAM	55315	38RB#0	23.89	17.76	PASS
Band48	15MHz	16QAM	55315	75RB#0	22.70	16.57	PASS
Band48	15MHz	16QAM	55315	38RB#18	23.97	17.84	PASS
Band48	15MHz	16QAM	55315	38RB#37	24.05	17.92	PASS
Band48	15MHz	16QAM	55315	1RB#38	23.93	17.8	PASS
Band48	15MHz	16QAM	55315	1RB#74	23.82	17.69	PASS
Band48	15MHz	16QAM	55990	1RB#0	24.06	17.93	PASS
Band48	15MHz	16QAM	55990	38RB#0	24.00	17.87	PASS
Band48	15MHz	16QAM	55990	75RB#0	22.96	16.83	PASS
Band48	15MHz	16QAM	55990	38RB#18	24.15	18.02	PASS
Band48	15MHz	16QAM	55990	38RB#37	24.15	18.02	PASS
Band48	15MHz	16QAM	55990	1RB#38	24.16	18.03	PASS
Band48	15MHz	16QAM	55990	1RB#74	24.24	18.11	PASS
Band48	15MHz	16QAM	56665	1RB#0	24.62	18.49	PASS
Band48	15MHz	16QAM	56665	38RB#0	24.45	18.32	PASS
Band48	15MHz	16QAM	56665	75RB#0	23.24	17.11	PASS
Band48	15MHz	16QAM	56665	38RB#18	24.61	18.48	PASS
Band48	15MHz	16QAM	56665	38RB#37	24.46	18.33	PASS
Band48	15MHz	16QAM	56665	1RB#38	24.57	18.44	PASS
Band48	15MHz	16QAM	56665	1RB#74	24.48	18.35	PASS
Band48	15MHz	64QAM	55315	1RB#0	22.85	16.72	PASS
Band48	15MHz	64QAM	55315	38RB#0	22.85	16.72	PASS
Band48	15MHz	64QAM	55315	75RB#0	21.78	15.65	PASS
Band48	15MHz	64QAM	55315	38RB#18	22.96	16.83	PASS
Band48	15MHz	64QAM	55315	38RB#37	22.99	16.86	PASS
Band48	15MHz	64QAM	55315	1RB#38	23.01	16.88	PASS

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Band48	15MHz	64QAM	55315	1RB#74	22.92	16.79	PASS
Band48	15MHz	64QAM	55990	1RB#0	23.08	16.95	PASS
Band48	15MHz	64QAM	55990	38RB#0	23.08	16.95	PASS
Band48	15MHz	64QAM	55990	75RB#0	21.99	15.86	PASS
Band48	15MHz	64QAM	55990	38RB#18	23.23	17.1	PASS
Band48	15MHz	64QAM	55990	38RB#37	23.12	16.99	PASS
Band48	15MHz	64QAM	55990	1RB#38	23.19	17.06	PASS
Band48	15MHz	64QAM	55990	1RB#74	23.22	17.09	PASS
Band48	15MHz	64QAM	56665	1RB#0	23.49	17.36	PASS
Band48	15MHz	64QAM	56665	38RB#0	23.51	17.38	PASS
Band48	15MHz	64QAM	56665	75RB#0	22.32	16.19	PASS
Band48	15MHz	64QAM	56665	38RB#18	23.61	17.48	PASS
Band48	15MHz	64QAM	56665	38RB#37	23.50	17.37	PASS
Band48	15MHz	64QAM	56665	1RB#38	23.57	17.44	PASS
Band48	15MHz	64QAM	56665	1RB#74	23.45	17.32	PASS
Band48	15MHz	256QAM	55315	1RB#0	19.85	13.72	PASS
Band48	15MHz	256QAM	55315	38RB#0	19.82	13.69	PASS
Band48	15MHz	256QAM	55315	75RB#0	19.89	13.76	PASS
Band48	15MHz	256QAM	55315	38RB#18	20.00	13.87	PASS
Band48	15MHz	256QAM	55315	38RB#37	20.09	13.96	PASS
Band48	15MHz	256QAM	55315	1RB#38	20.07	13.94	PASS
Band48	15MHz	256QAM	55315	1RB#74	19.88	13.75	PASS
Band48	15MHz	256QAM	55990	1RB#0	20.49	14.36	PASS
Band48	15MHz	256QAM	55990	38RB#0	20.03	13.9	PASS
Band48	15MHz	256QAM	55990	75RB#0	20.08	13.95	PASS
Band48	15MHz	256QAM	55990	38RB#18	20.15	14.02	PASS
Band48	15MHz	256QAM	55990	38RB#37	20.18	14.05	PASS
Band48	15MHz	256QAM	55990	1RB#38	20.15	14.02	PASS
Band48	15MHz	256QAM	55990	1RB#74	20.17	14.04	PASS
Band48	15MHz	256QAM	56665	1RB#0	20.44	14.31	PASS
Band48	15MHz	256QAM	56665	38RB#0	20.38	14.25	PASS
Band48	15MHz	256QAM	56665	75RB#0	20.35	14.22	PASS
Band48	15MHz	256QAM	56665	38RB#18	20.52	14.39	PASS
Band48	15MHz	256QAM	56665	38RB#37	20.46	14.33	PASS
Band48	15MHz	256QAM	56665	1RB#38	20.47	14.34	PASS
Band48	15MHz	256QAM	56665	1RB#74	20.37	14.24	PASS
Band48	20MHz	QPSK	55340	1RB#0	24.50	18.37	PASS
Band48	20MHz	QPSK	55340	50RB#0	24.17	18.04	PASS
Band48	20MHz	QPSK	55340	100RB#0	24.14	18.01	PASS
Band48	20MHz	QPSK	55340	50RB#25	24.19	18.06	PASS
Band48	20MHz	QPSK	55340	1RB#49	24.52	18.39	PASS
Band48	20MHz	QPSK	55340	50RB#50	24.12	17.99	PASS
Band48	20MHz	QPSK	55340	1RB#99	24.95	18.82	PASS
Band48	20MHz	QPSK	55990	1RB#0	24.52	18.39	PASS
Band48	20MHz	QPSK	55990	50RB#0	24.24	18.11	PASS

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Band48	20MHz	QPSK	55990	100RB#0	24.33	18.2	PASS
Band48	20MHz	QPSK	55990	50RB#25	24.36	18.23	PASS
Band48	20MHz	QPSK	55990	1RB#49	24.55	18.42	PASS
Band48	20MHz	QPSK	55990	50RB#50	24.37	18.24	PASS
Band48	20MHz	QPSK	55990	1RB#99	24.67	18.54	PASS
Band48	20MHz	QPSK	56640	1RB#0	24.61	18.48	PASS
Band48	20MHz	QPSK	56640	50RB#0	24.68	18.55	PASS
Band48	20MHz	QPSK	56640	100RB#0	24.62	18.49	PASS
Band48	20MHz	QPSK	56640	50RB#25	24.63	18.5	PASS
Band48	20MHz	QPSK	56640	1RB#49	24.60	18.47	PASS
Band48	20MHz	QPSK	56640	50RB#50	24.60	18.47	PASS
Band48	20MHz	QPSK	56640	1RB#99	24.50	18.37	PASS
Band48	20MHz	16QAM	55340	1RB#0	23.46	17.33	PASS
Band48	20MHz	16QAM	55340	50RB#0	23.19	17.06	PASS
Band48	20MHz	16QAM	55340	100RB#0	23.16	17.03	PASS
Band48	20MHz	16QAM	55340	50RB#25	23.24	17.11	PASS
Band48	20MHz	16QAM	55340	1RB#49	23.43	17.3	PASS
Band48	20MHz	16QAM	55340	50RB#50	23.13	17	PASS
Band48	20MHz	16QAM	55340	1RB#99	23.28	17.15	PASS
Band48	20MHz	16QAM	55990	1RB#0	23.62	17.49	PASS
Band48	20MHz	16QAM	55990	50RB#0	23.28	17.15	PASS
Band48	20MHz	16QAM	55990	100RB#0	23.35	17.22	PASS
Band48	20MHz	16QAM	55990	50RB#25	23.41	17.28	PASS
Band48	20MHz	16QAM	55990	1RB#49	23.63	17.5	PASS
Band48	20MHz	16QAM	55990	50RB#50	23.38	17.25	PASS
Band48	20MHz	16QAM	55990	1RB#99	23.66	17.53	PASS
Band48	20MHz	16QAM	56640	1RB#0	23.94	17.81	PASS
Band48	20MHz	16QAM	56640	50RB#0	22.72	16.59	PASS
Band48	20MHz	16QAM	56640	100RB#0	23.64	17.51	PASS
Band48	20MHz	16QAM	56640	50RB#25	23.67	17.54	PASS
Band48	20MHz	16QAM	56640	1RB#49	22.98	16.85	PASS
Band48	20MHz	16QAM	56640	50RB#50	22.61	16.48	PASS
Band48	20MHz	16QAM	56640	1RB#99	23.84	17.71	PASS
Band48	20MHz	64QAM	55340	1RB#0	23.39	17.26	PASS
Band48	20MHz	64QAM	55340	50RB#0	22.28	16.15	PASS
Band48	20MHz	64QAM	55340	100RB#0	22.26	16.13	PASS
Band48	20MHz	64QAM	55340	50RB#25	22.31	16.18	PASS
Band48	20MHz	64QAM	55340	1RB#49	23.45	17.32	PASS
Band48	20MHz	64QAM	55340	50RB#50	22.25	16.12	PASS
Band48	20MHz	64QAM	55340	1RB#99	23.44	17.31	PASS
Band48	20MHz	64QAM	55990	1RB#0	23.51	17.38	PASS
Band48	20MHz	64QAM	55990	50RB#0	22.36	16.23	PASS
Band48	20MHz	64QAM	55990	100RB#0	22.40	16.27	PASS
Band48	20MHz	64QAM	55990	50RB#25	22.42	16.29	PASS
Band48	20MHz	64QAM	55990	1RB#49	23.65	17.52	PASS

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Band48	20MHz	64QAM	55990	50RB#50	22.45	16.32	PASS
Band48	20MHz	64QAM	55990	1RB#99	23.70	17.57	PASS
Band48	20MHz	64QAM	56640	1RB#0	23.86	17.73	PASS
Band48	20MHz	64QAM	56640	50RB#0	22.74	16.61	PASS
Band48	20MHz	64QAM	56640	100RB#0	22.66	16.53	PASS
Band48	20MHz	64QAM	56640	50RB#25	22.73	16.6	PASS
Band48	20MHz	64QAM	56640	1RB#49	23.93	17.8	PASS
Band48	20MHz	64QAM	56640	50RB#50	22.73	16.6	PASS
Band48	20MHz	64QAM	56640	1RB#99	23.86	17.73	PASS
Band48	20MHz	256QAM	55340	1RB#0	20.35	14.22	PASS
Band48	20MHz	256QAM	55340	50RB#0	20.36	14.23	PASS
Band48	20MHz	256QAM	55340	100RB#0	20.32	14.19	PASS
Band48	20MHz	256QAM	55340	50RB#25	20.37	14.24	PASS
Band48	20MHz	256QAM	55340	1RB#49	20.48	14.35	PASS
Band48	20MHz	256QAM	55340	50RB#50	20.30	14.17	PASS
Band48	20MHz	256QAM	55340	1RB#99	20.28	14.15	PASS
Band48	20MHz	256QAM	55990	1RB#0	20.43	14.3	PASS
Band48	20MHz	256QAM	55990	50RB#0	20.42	14.29	PASS
Band48	20MHz	256QAM	55990	100RB#0	20.51	14.38	PASS
Band48	20MHz	256QAM	55990	50RB#25	20.52	14.39	PASS
Band48	20MHz	256QAM	55990	1RB#49	20.64	14.51	PASS
Band48	20MHz	256QAM	55990	50RB#50	20.51	14.38	PASS
Band48	20MHz	256QAM	55990	1RB#99	20.66	14.53	PASS
Band48	20MHz	256QAM	56640	1RB#0	20.80	14.67	PASS
Band48	20MHz	256QAM	56640	50RB#0	20.80	14.67	PASS
Band48	20MHz	256QAM	56640	100RB#0	20.71	14.58	PASS
Band48	20MHz	256QAM	56640	50RB#25	20.75	14.62	PASS
Band48	20MHz	256QAM	56640	1RB#49	20.84	14.71	PASS
Band48	20MHz	256QAM	56640	50RB#50	20.73	14.6	PASS
Band48	20MHz	256QAM	56640	1RB#99	20.76	14.63	PASS

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Maximum_power_spectral_density

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	23.44	17.31	23	PASS
Band48	5MHz	QPSK	55265	12RB#0	22.57	16.44	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	22.24	16.11	23	PASS
Band48	5MHz	QPSK	55265	12RB#6	22.48	16.35	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	23.52	17.39	23	PASS
Band48	5MHz	QPSK	55265	12RB#13	22.40	16.27	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	23.41	17.28	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	23.38	17.25	23	PASS
Band48	5MHz	QPSK	55990	12RB#0	22.32	16.19	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	22.29	16.16	23	PASS
Band48	5MHz	QPSK	55990	12RB#6	22.47	16.34	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	23.45	17.32	23	PASS
Band48	5MHz	QPSK	55990	12RB#13	22.41	16.28	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	23.31	17.18	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	23.51	17.38	23	PASS
Band48	5MHz	QPSK	56715	12RB#0	22.51	16.38	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	22.34	16.21	23	PASS
Band48	5MHz	QPSK	56715	12RB#6	22.44	16.31	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	23.52	17.39	23	PASS
Band48	5MHz	QPSK	56715	12RB#13	22.50	16.37	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	23.38	17.25	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	23.49	17.36	23	PASS
Band48	10MHz	QPSK	55290	25RB#0	22.38	16.25	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	21.39	15.26	23	PASS
Band48	10MHz	QPSK	55290	25RB#12	22.30	16.17	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	23.51	17.38	23	PASS
Band48	10MHz	QPSK	55290	25RB#25	22.30	16.17	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	23.46	17.33	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	23.31	17.18	23	PASS
Band48	10MHz	QPSK	55990	25RB#0	22.02	15.89	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	21.07	14.94	23	PASS
Band48	10MHz	QPSK	55990	25RB#12	22.13	16.00	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	23.24	17.11	23	PASS
Band48	10MHz	QPSK	55990	25RB#25	22.08	15.95	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	23.12	16.99	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	23.28	17.15	23	PASS
Band48	10MHz	QPSK	56690	25RB#0	22.15	16.02	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	21.20	15.07	23	PASS
Band48	10MHz	QPSK	56690	25RB#12	22.22	16.09	23	PASS

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Band48	10MHz	QPSK	56690	1RB#24	23.25	17.12	23	PASS
Band48	10MHz	QPSK	56690	25RB#25	22.07	15.94	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	22.98	16.85	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	23.60	17.47	23	PASS
Band48	15MHz	QPSK	55315	38RB#0	23.41	17.28	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	19.76	13.63	23	PASS
Band48	15MHz	QPSK	55315	38RB#18	23.50	17.37	23	PASS
Band48	15MHz	QPSK	55315	38RB#37	23.76	17.63	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	23.48	17.35	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	23.43	17.3	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	23.19	17.06	23	PASS
Band48	15MHz	QPSK	55990	38RB#0	23.20	17.07	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	19.48	13.35	23	PASS
Band48	15MHz	QPSK	55990	38RB#18	23.38	17.25	23	PASS
Band48	15MHz	QPSK	55990	38RB#37	23.07	16.94	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	23.17	17.04	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	23.06	16.93	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	23.24	17.11	23	PASS
Band48	15MHz	QPSK	56665	38RB#0	23.28	17.15	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	19.69	13.56	23	PASS
Band48	15MHz	QPSK	56665	38RB#18	23.64	17.51	23	PASS
Band48	15MHz	QPSK	56665	38RB#37	23.62	17.49	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	23.48	17.35	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	23.00	16.87	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	24.83	18.7	23	PASS
Band48	20MHz	QPSK	55340	50RB#0	22.58	16.45	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	19.88	13.75	23	PASS
Band48	20MHz	QPSK	55340	50RB#25	22.59	16.46	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	24.79	18.66	23	PASS
Band48	20MHz	QPSK	55340	50RB#50	22.56	16.43	23	PASS
Band48	20MHz	QPSK	55340	1RB#99	24.85	18.72	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	24.45	18.32	23	PASS
Band48	20MHz	QPSK	55990	50RB#0	22.25	16.12	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.49	13.36	23	PASS
Band48	20MHz	QPSK	55990	50RB#25	22.29	16.16	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	24.42	18.29	23	PASS
Band48	20MHz	QPSK	55990	50RB#50	22.15	16.02	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	24.28	18.15	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	24.37	18.24	23	PASS
Band48	20MHz	QPSK	56640	50RB#0	22.30	16.17	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	19.42	13.29	23	PASS
Band48	20MHz	QPSK	56640	50RB#25	22.14	16.01	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	24.29	18.16	23	PASS
Band48	20MHz	QPSK	56640	50RB#50	22.11	15.98	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	24.10	17.97	23	PASS

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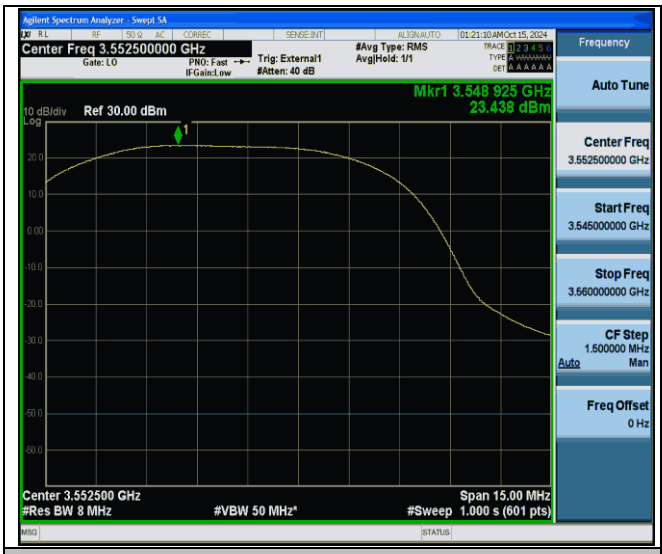
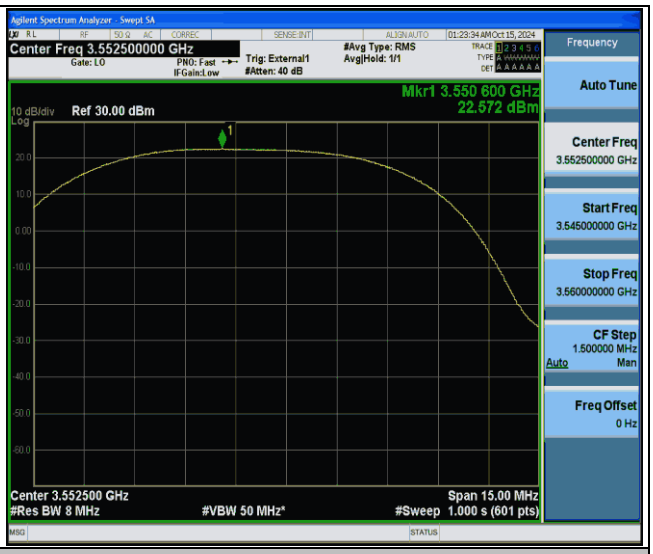
Note: Test RBW=8MHz, Factor =

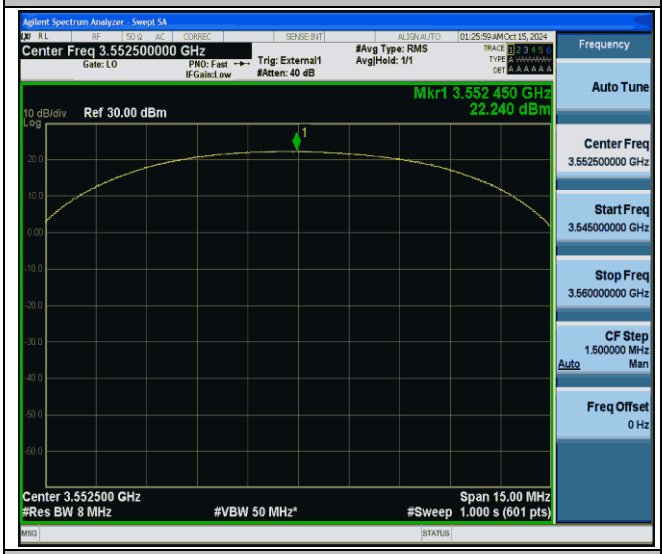
Test Graphs



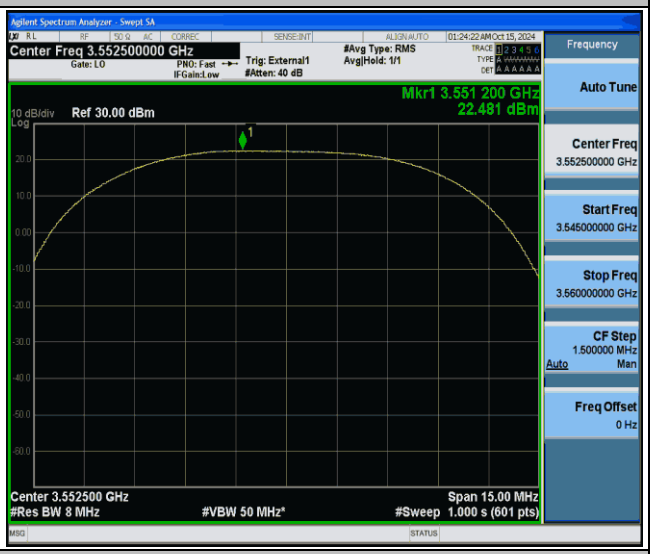
Band48-5MHz-QPSK-55265-1RB#0-PASS



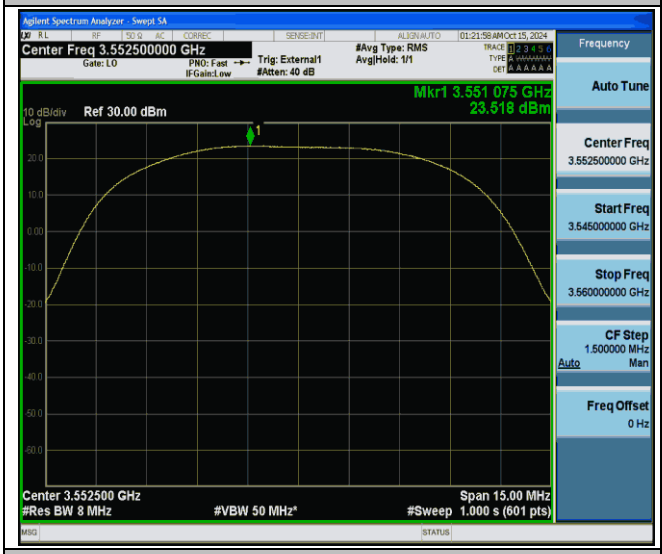
Band48-5MHz-QPSK-55265-12RB#0-PASS



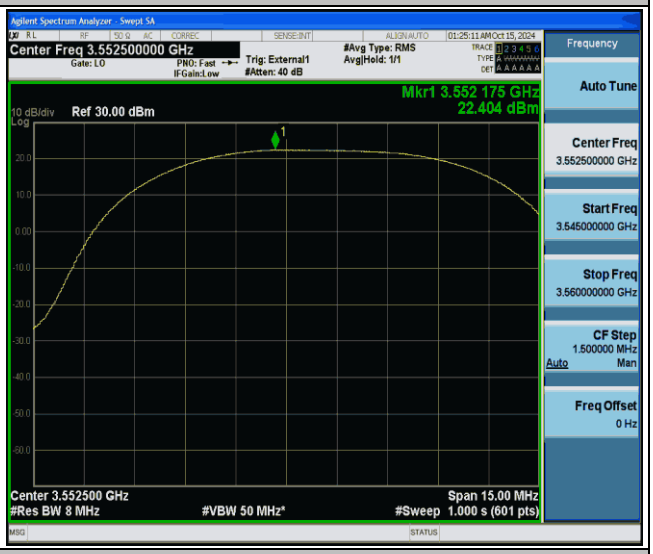
Band48-5MHz-QPSK-55265-25RB#0-PASS



Band48-5MHz-QPSK-55265-12RB#6-PASS



Band48-5MHz-QPSK-55265-1RB#12-PASS



Band48-5MHz-QPSK-55265-12RB#13-PASS

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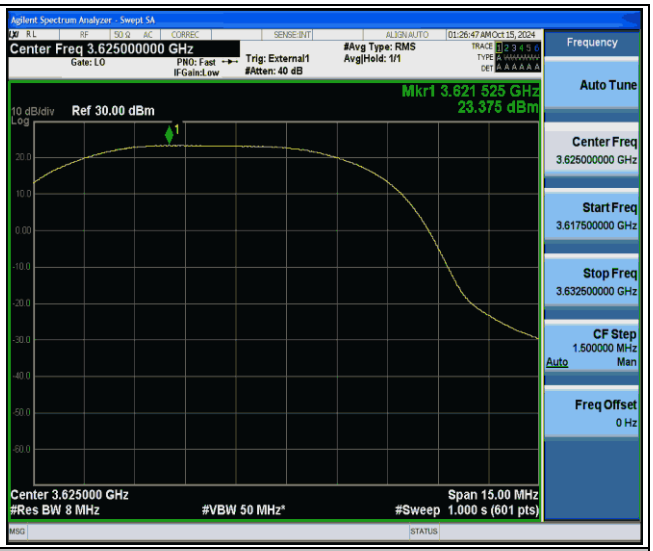
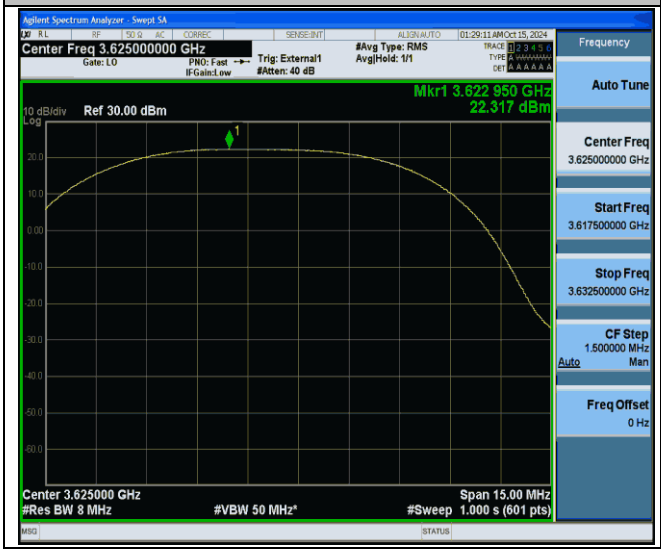
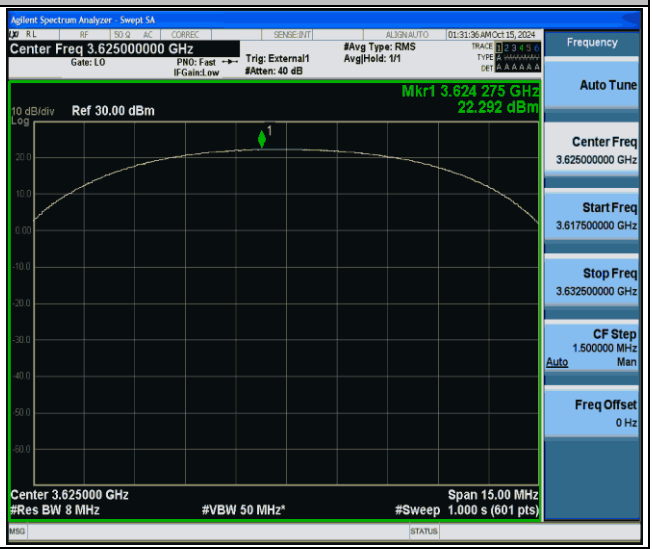
Band48-5MHz-QPSK-55265-1RB#24-PASS



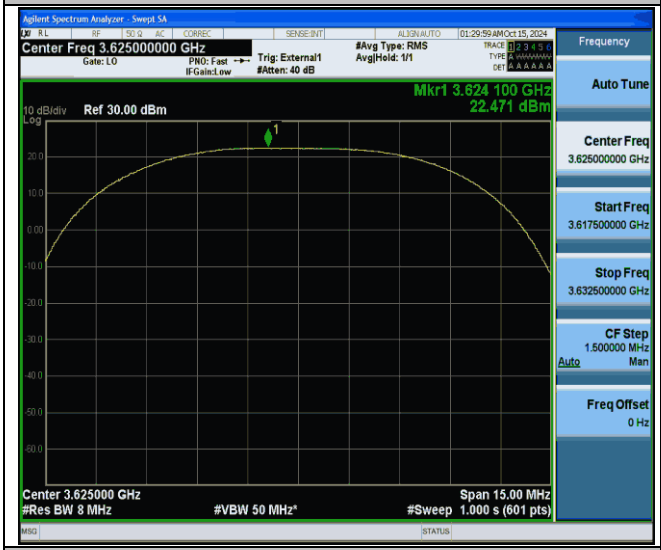
Band48-5MHz-QPSK-55990-1RB#0-PASS



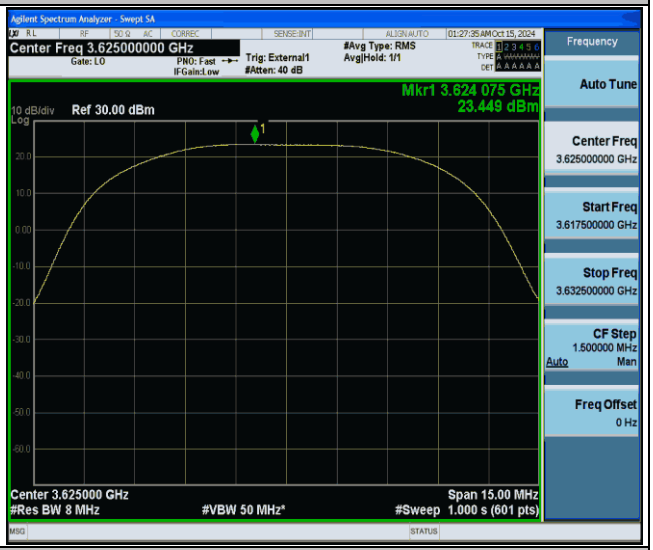
Band48-5MHz-QPSK-55990-12RB#0-PASS



Band48-5MHz-QPSK-55990-25RB#0-PASS



Band48-5MHz-QPSK-55990-12RB#6-PASS



Band48-5MHz-QPSK-55990-1RB#12-PASS

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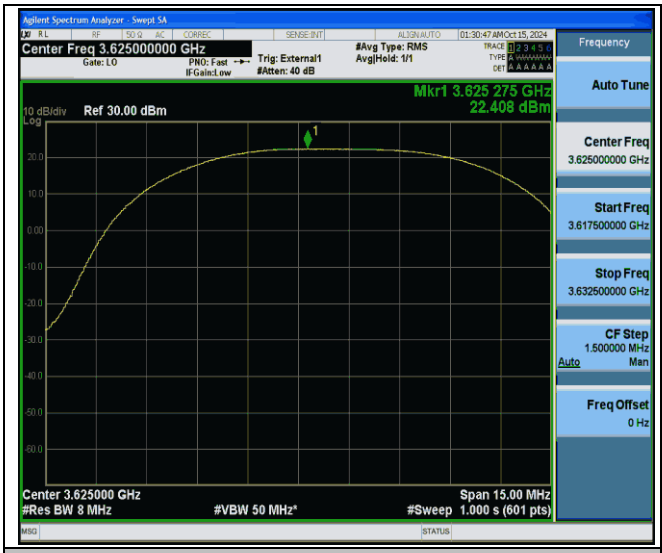
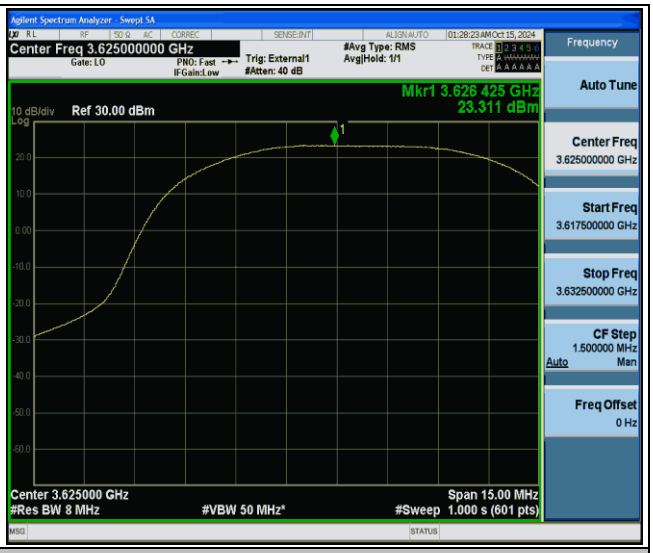
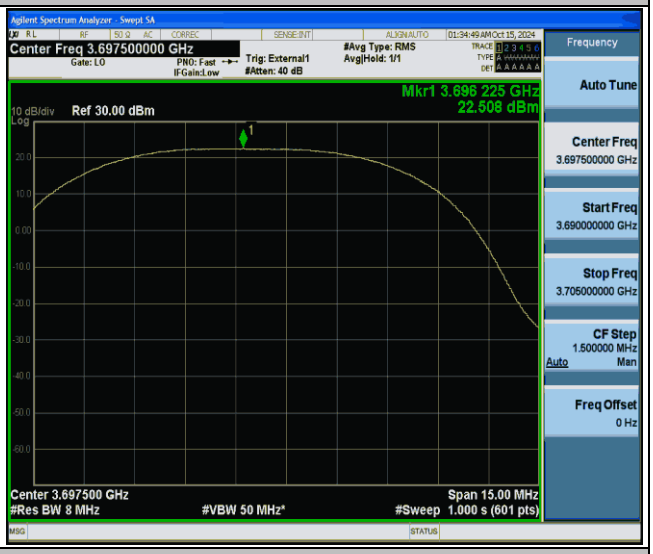


Band48-5MHz-QPSK-55990-12RB#13-PASS

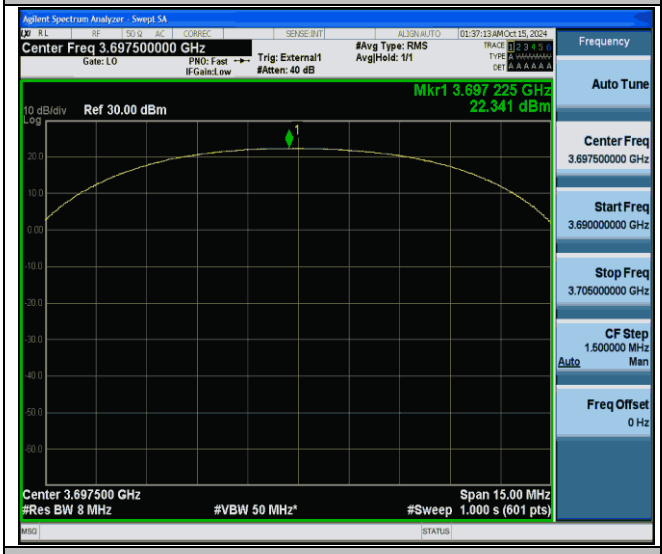


Band48-5MHz-QPSK-55990-1RB#24-PASS

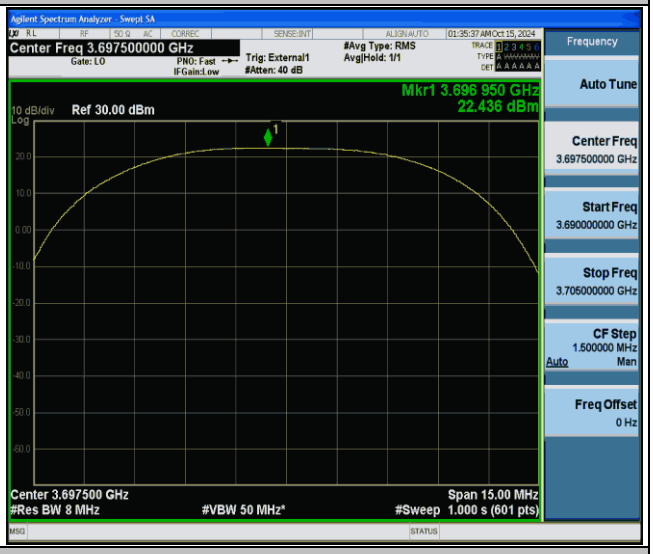
Band48-5MHz-QPSK-56715-1RB#0-PASS



Band48-5MHz-QPSK-56715-12RB#0-PASS



Band48-5MHz-QPSK-56715-25RB#0-PASS



Band48-5MHz-QPSK-56715-12RB#6-PASS

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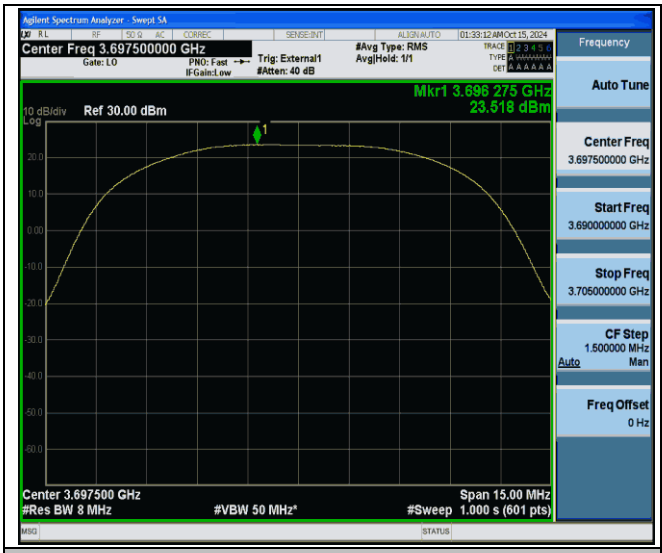
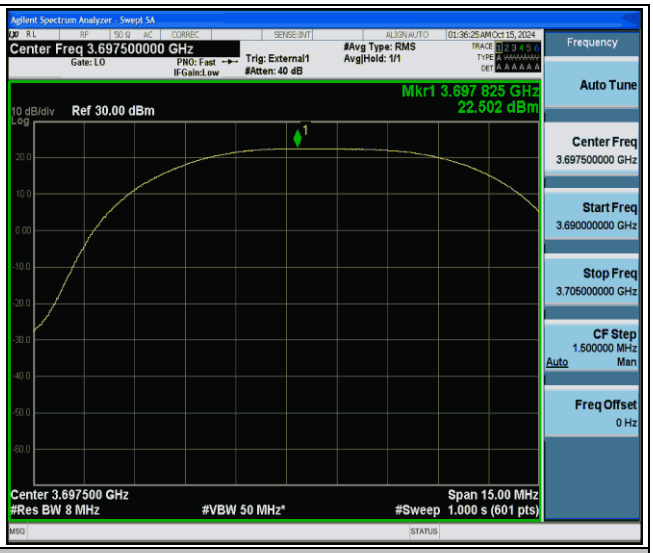
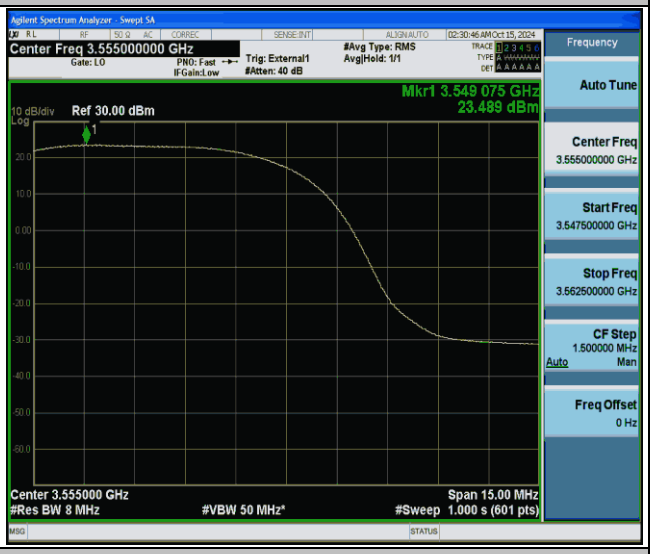


Band48-5MHz-QPSK-56715-1RB#12-PASS

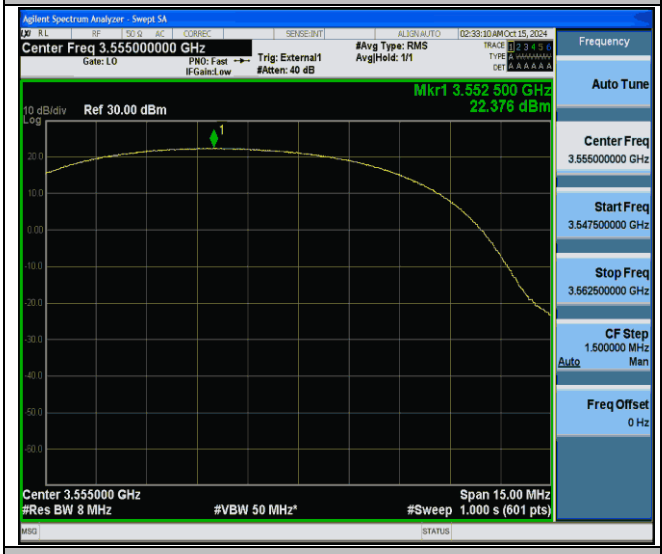


Band48-5MHz-QPSK-56715-12RB#13-PASS

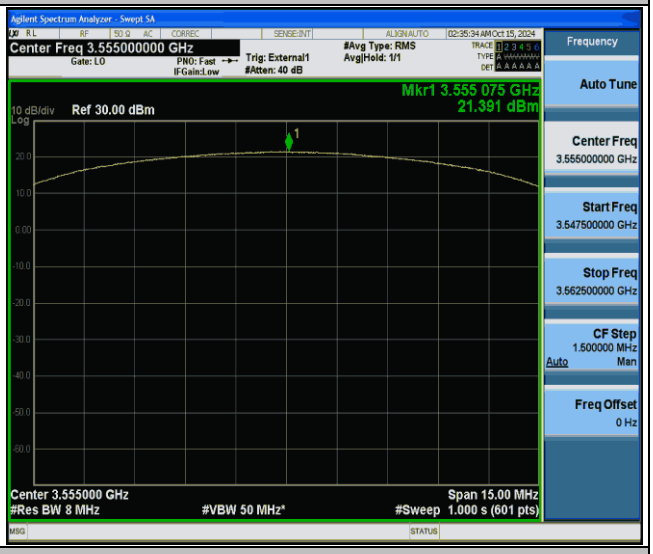
Band48-5MHz-QPSK-56715-1RB#24-PASS



Band48-10MHz-QPSK-55290-1RB#0-PASS



Band48-10MHz-QPSK-55290-25RB#0-PASS



Band48-10MHz-QPSK-55290-50RB#0-PASS

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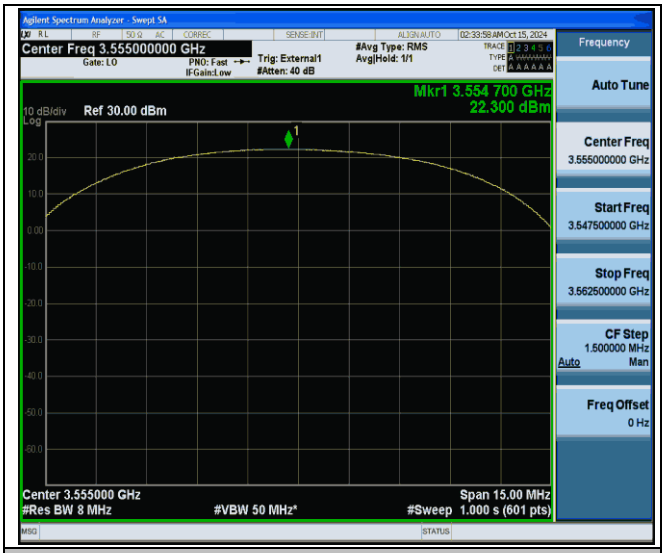
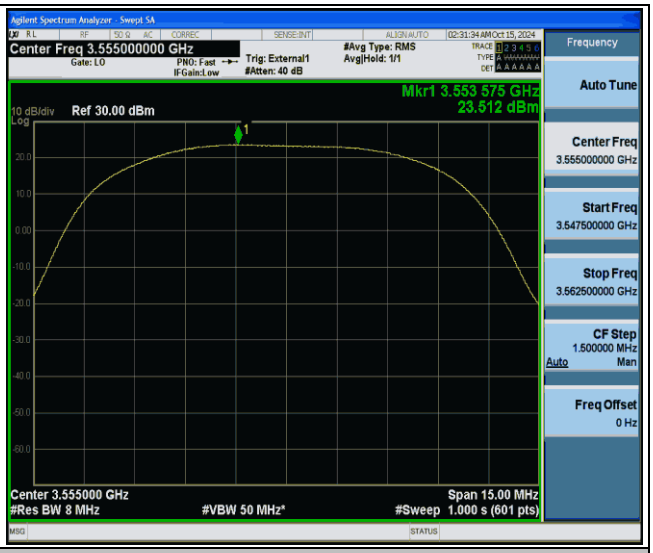
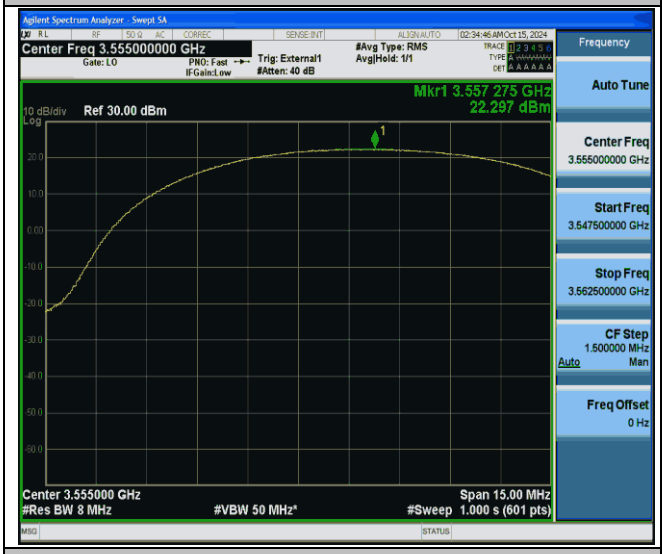


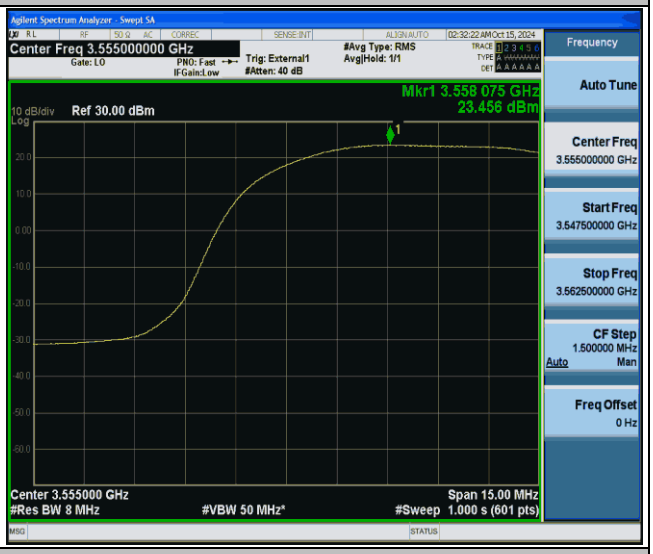
Band48-10MHz-QPSK-55290-25RB#12-PASS



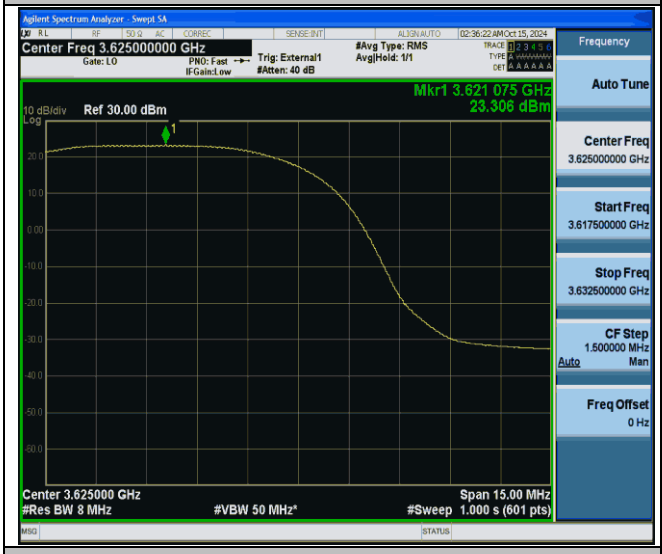
Band48-10MHz-QPSK-55290-1RB#24-PASS



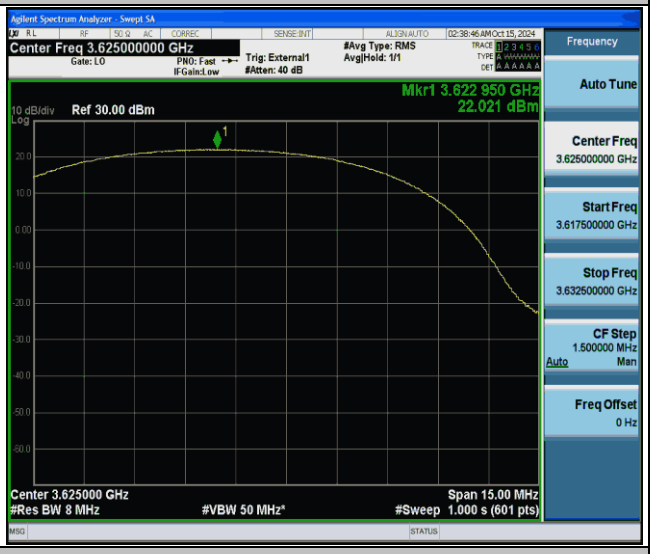
Band48-10MHz-QPSK-55290-25RB#25-PASS



Band48-10MHz-QPSK-55290-1RB#49-PASS



Band48-10MHz-QPSK-55990-1RB#0-PASS



Band48-10MHz-QPSK-55990-25RB#0-PASS

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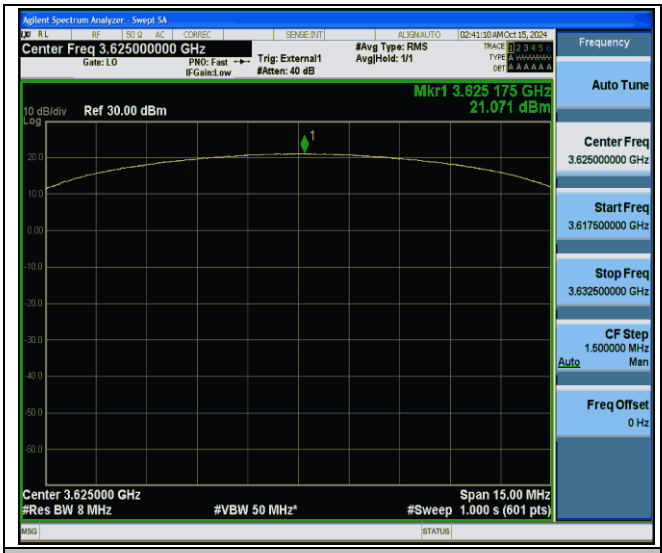
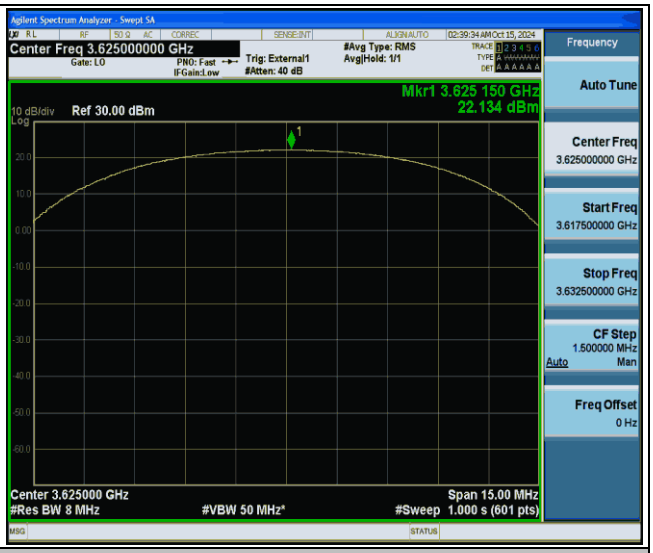
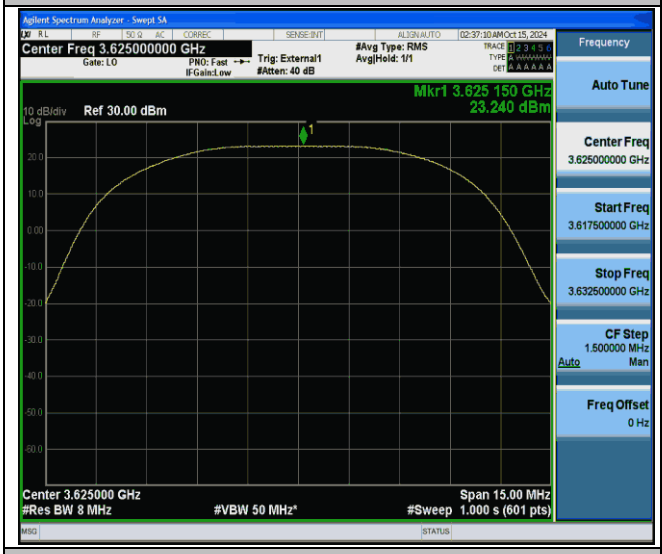


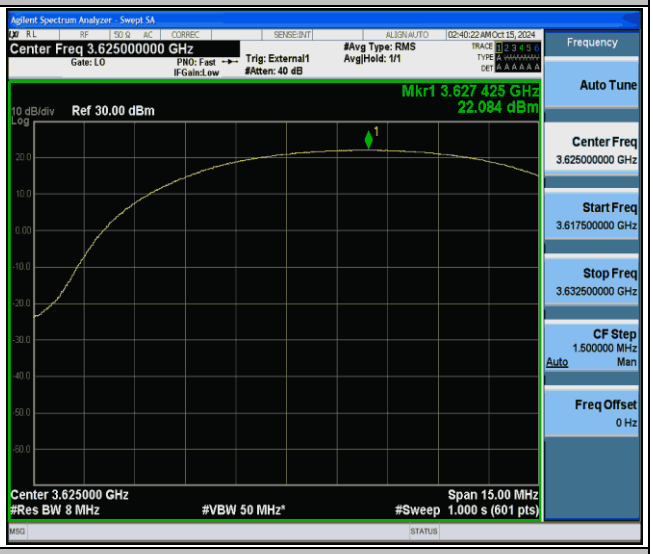
Band48-10MHz-QPSK-55990-50RB#0-PASS



Band48-10MHz-QPSK-55990-25RB#12-PASS

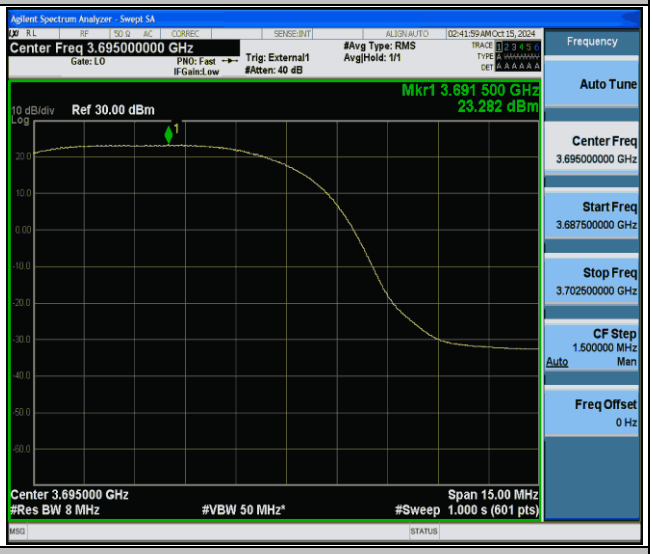


Band48-10MHz-QPSK-55990-1RB#24-PASS



Band48-10MHz-QPSK-55990-25RB#25-PASS

Band48-10MHz-QPSK-55990-1RB#49-PASS



Band48-10MHz-QPSK-56690-1RB#0-PASS

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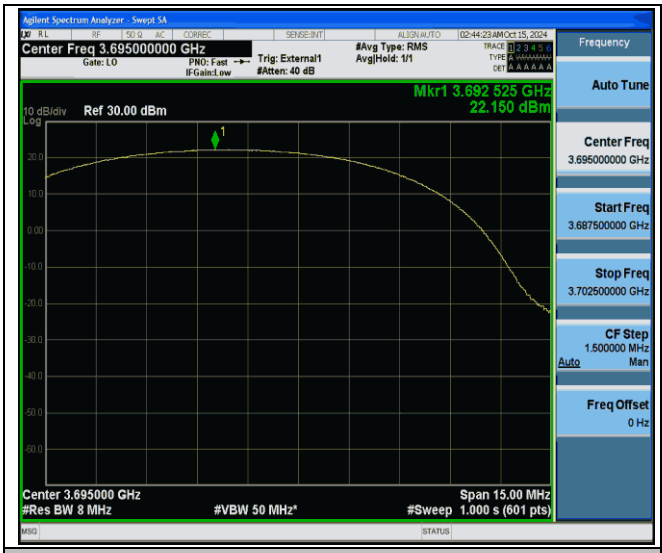

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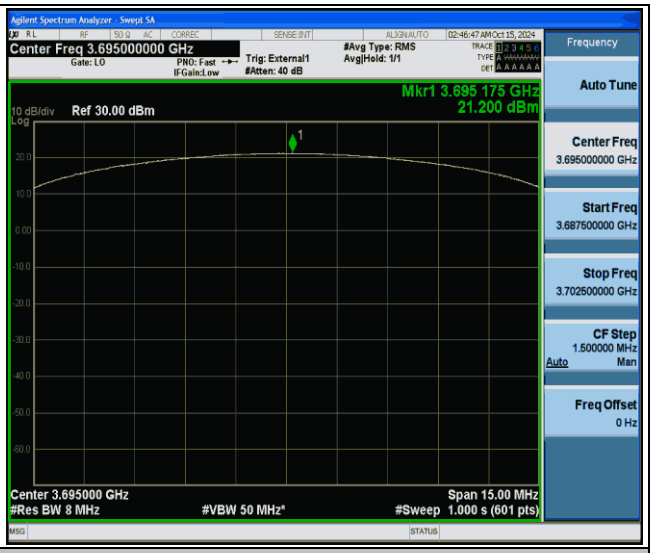

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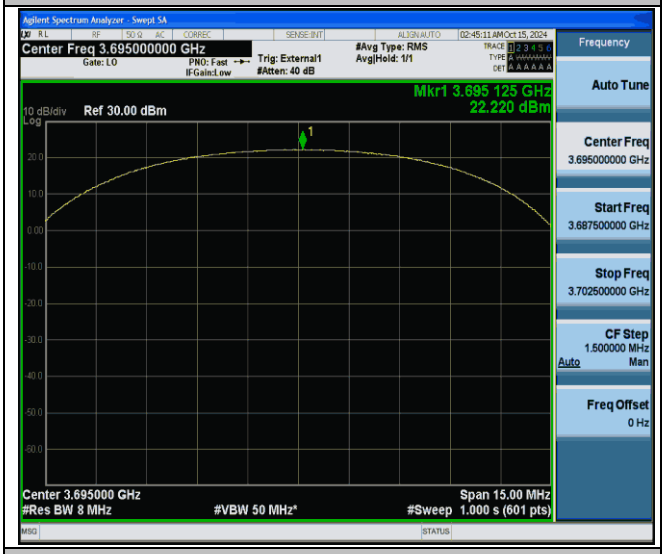
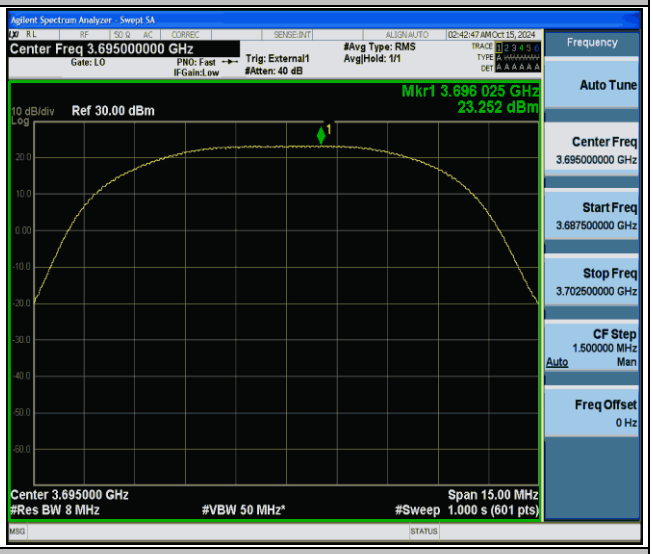
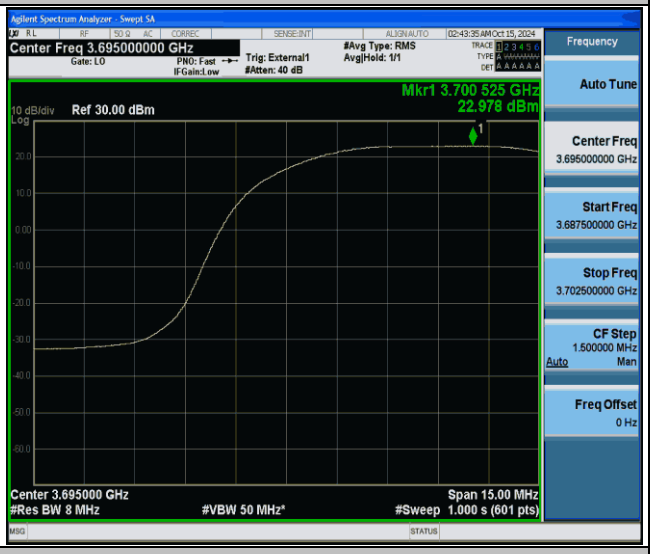


Band48-10MHz-QPSK-56690-25RB#12-PASS



Band48-10MHz-QPSK-56690-1RB#24-PASS

Band48-10MHz-QPSK-56690-25RB#25-PASS



Band48-10MHz-QPSK-56690-1RB#49-PASS

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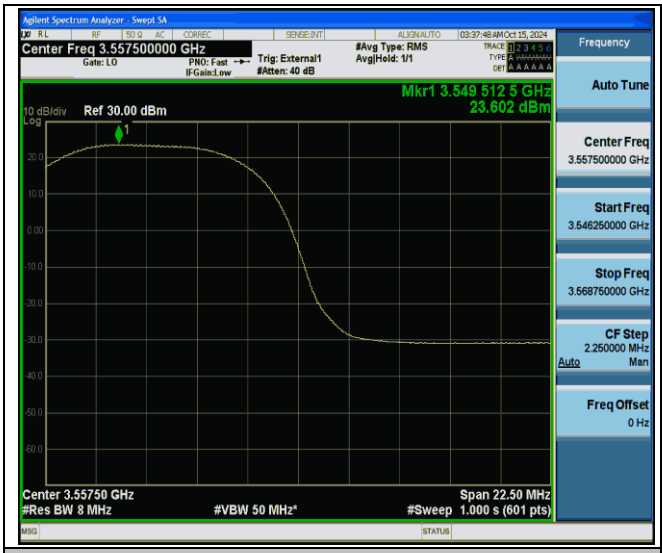
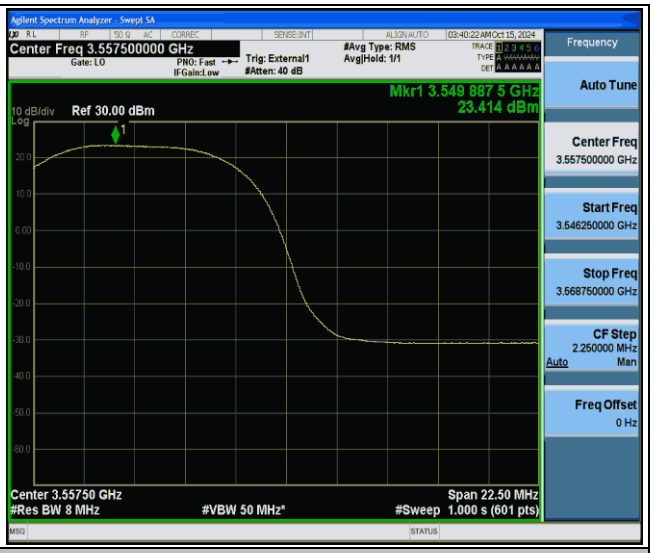
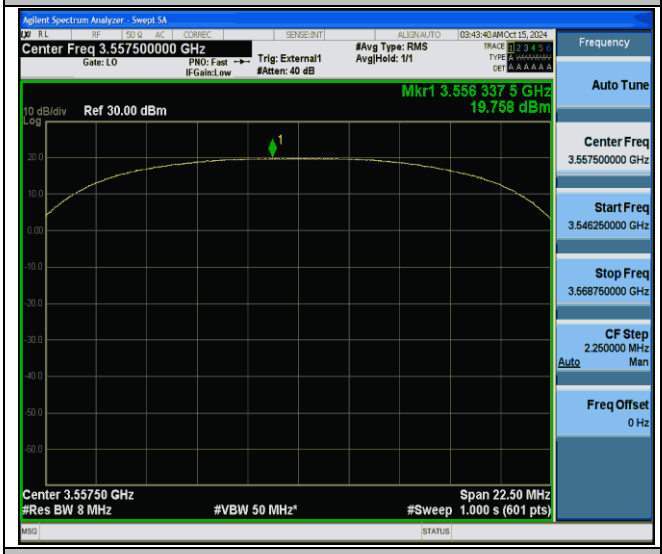


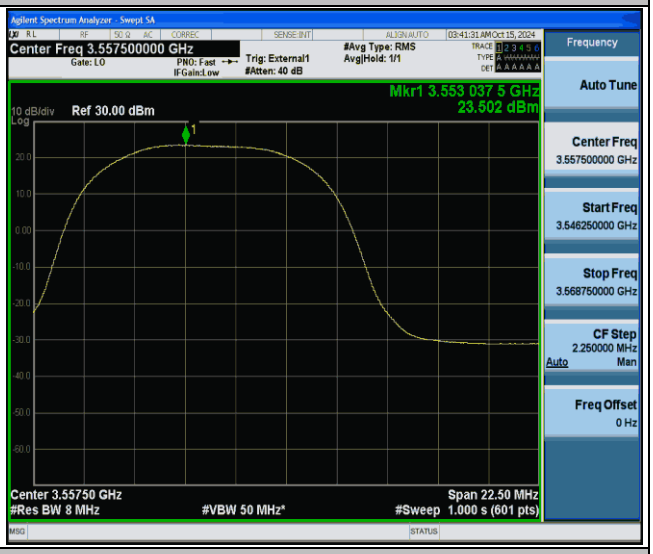
Band48-15MHz-QPSK-55315-1RB#0-PASS



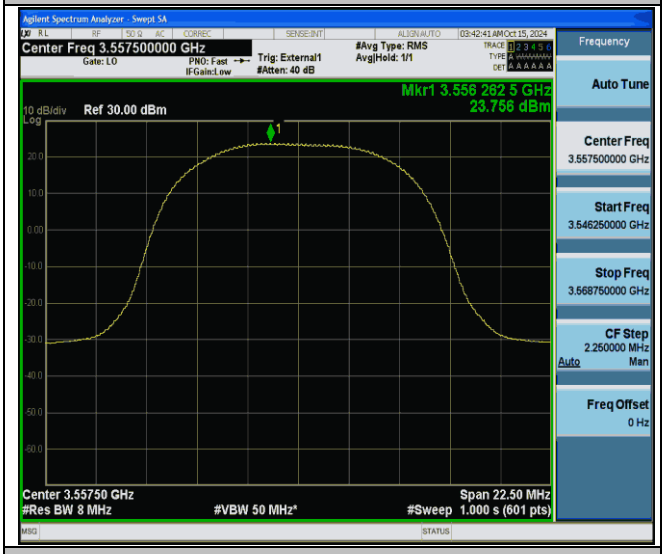
Band48-15MHz-QPSK-55315-38RB#0-PASS



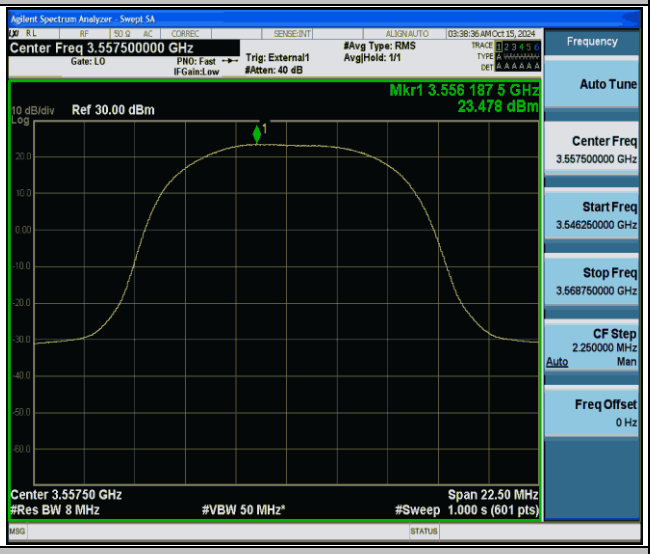
Band48-15MHz-QPSK-55315-75RB#0-PASS



Band48-15MHz-QPSK-55315-38RB#18-PASS



Band48-15MHz-QPSK-55315-38RB#37-PASS



Band48-15MHz-QPSK-55315-1RB#38-PASS

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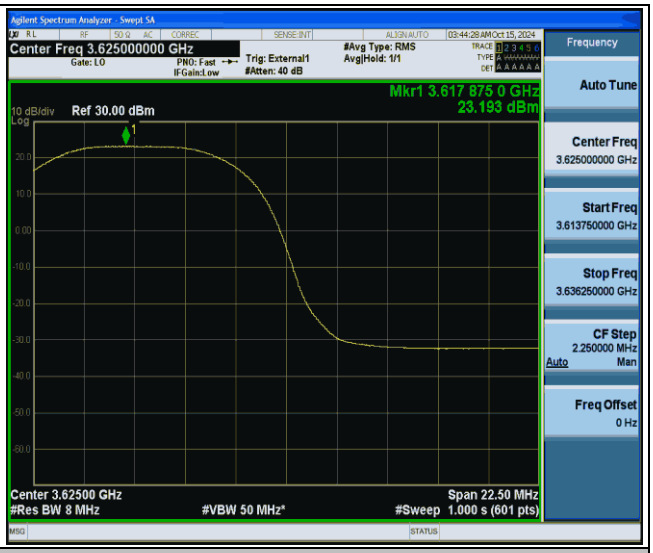
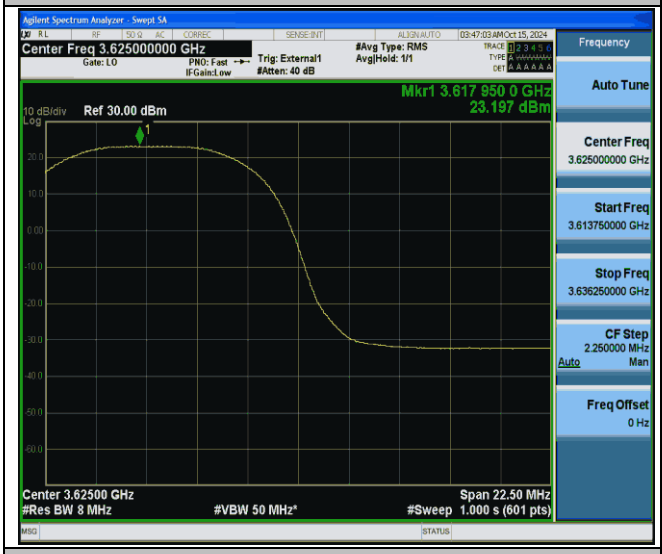
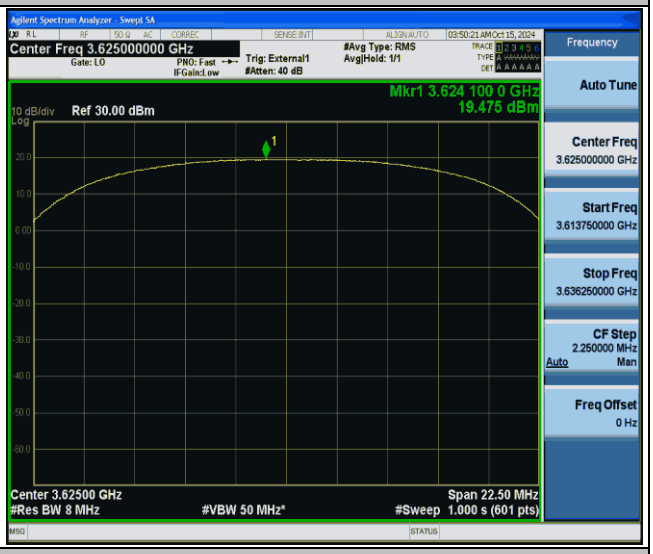
Band48-15MHz-QPSK-55315-1RB#74-PASS



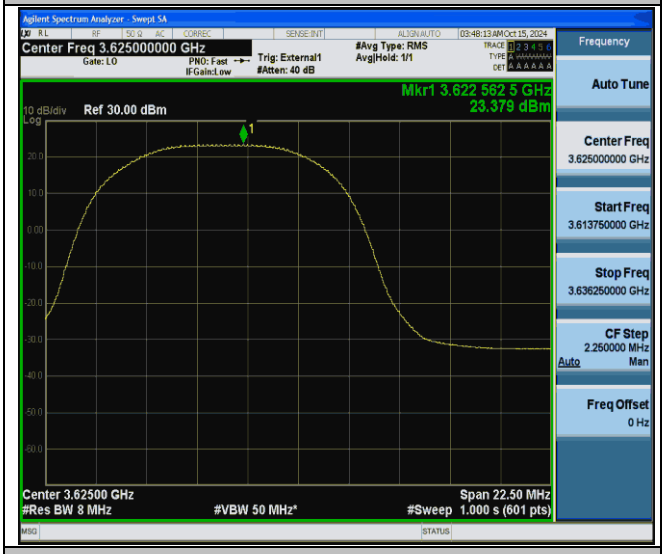
Band48-15MHz-QPSK-55990-1RB#0-PASS



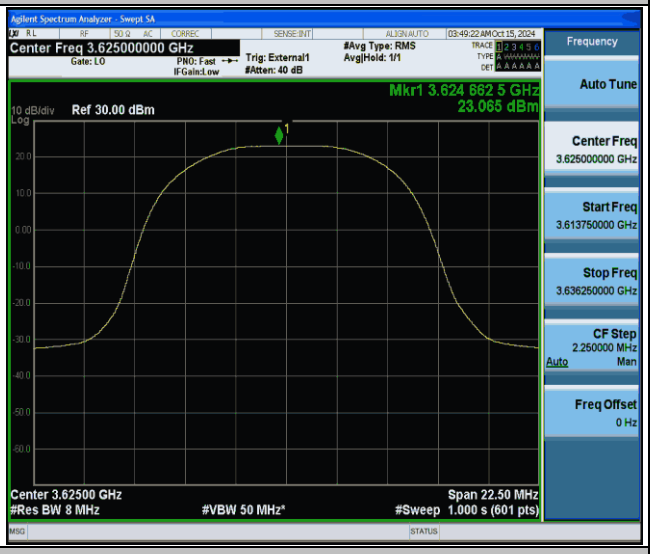
Band48-15MHz-QPSK-55990-38RB#0-PASS



Band48-15MHz-QPSK-55990-75RB#0-PASS



Band48-15MHz-QPSK-55990-38RB#18-PASS



Band48-15MHz-QPSK-55990-38RB#37-PASS

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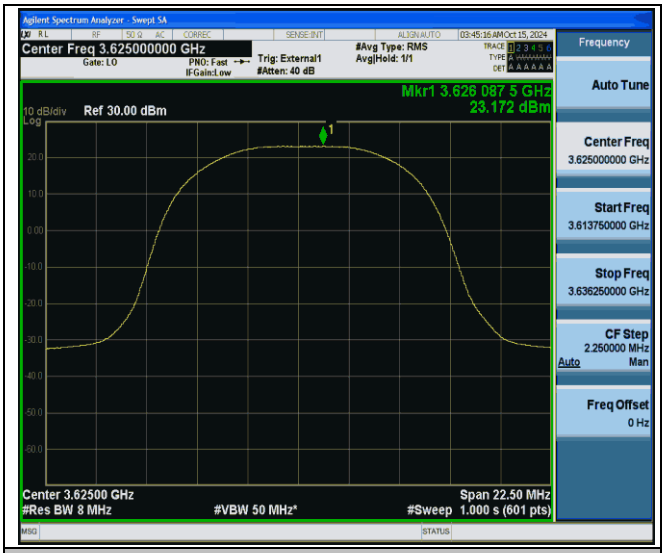
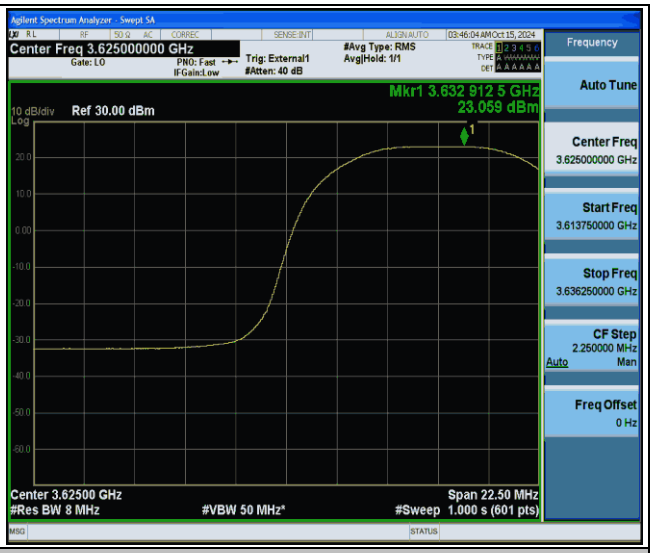
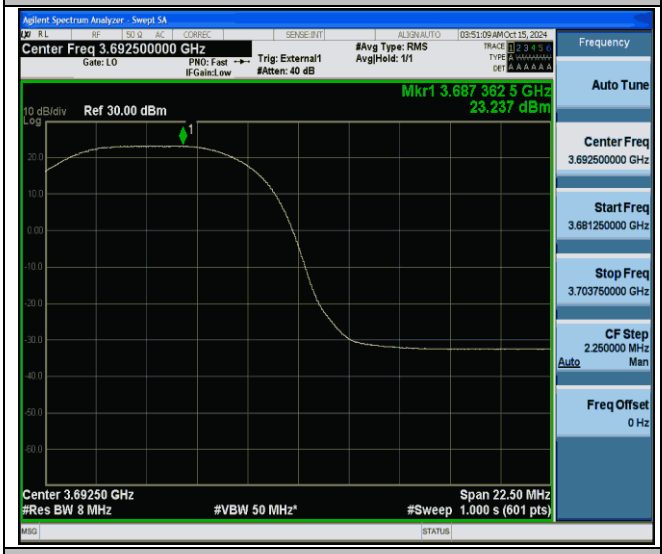


Band48-15MHz-QPSK-55990-1RB#38-PASS

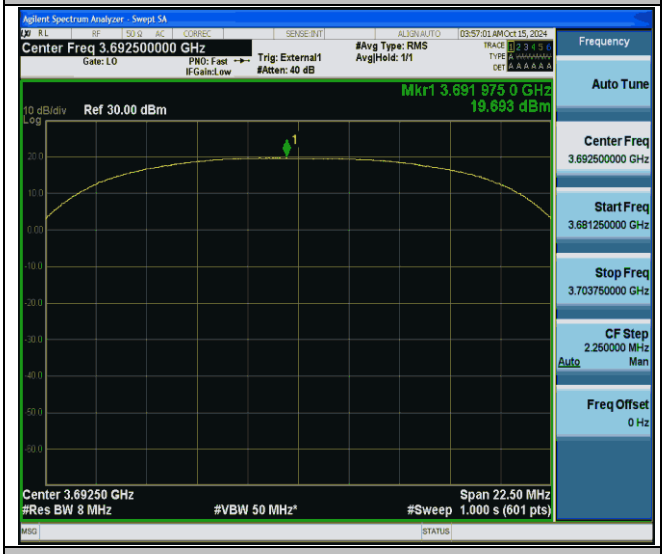


Band48-15MHz-QPSK-55990-1RB#74-PASS

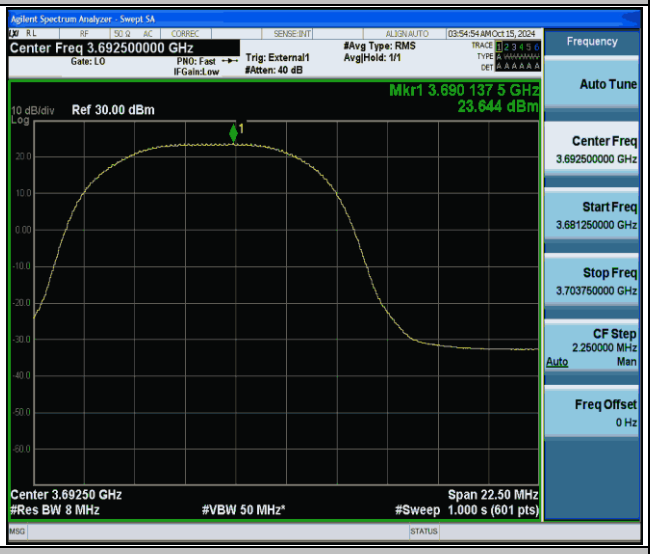


Band48-15MHz-QPSK-56665-1RB#0-PASS

Band48-15MHz-QPSK-56665-38RB#0-PASS



Band48-15MHz-QPSK-56665-75RB#0-PASS



Band48-15MHz-QPSK-56665-38RB#18-PASS

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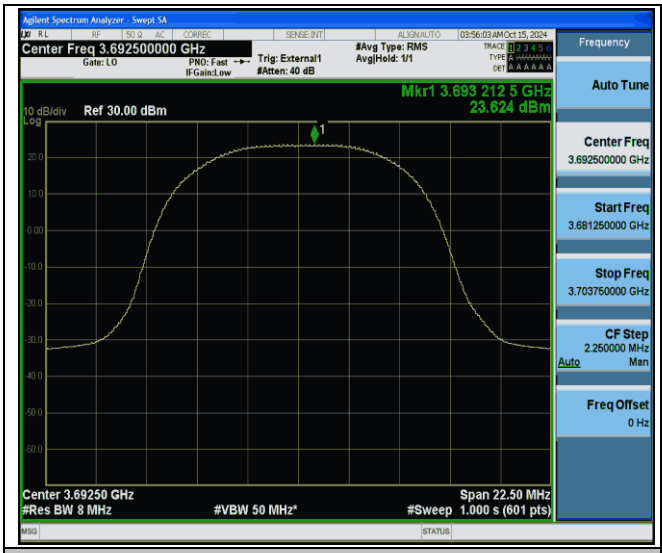
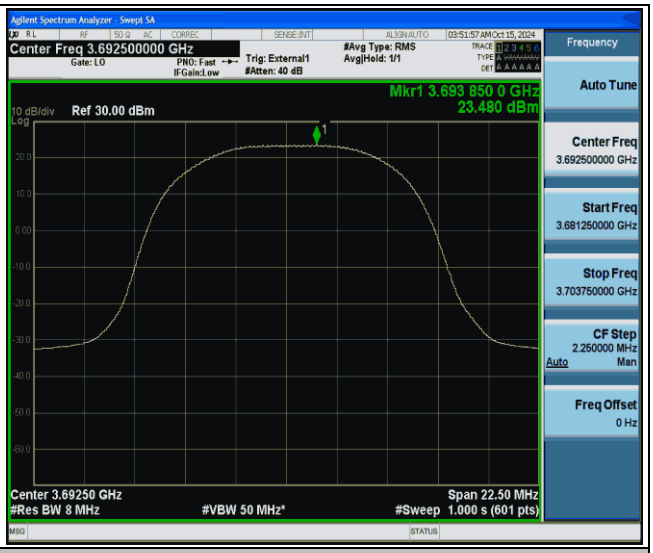
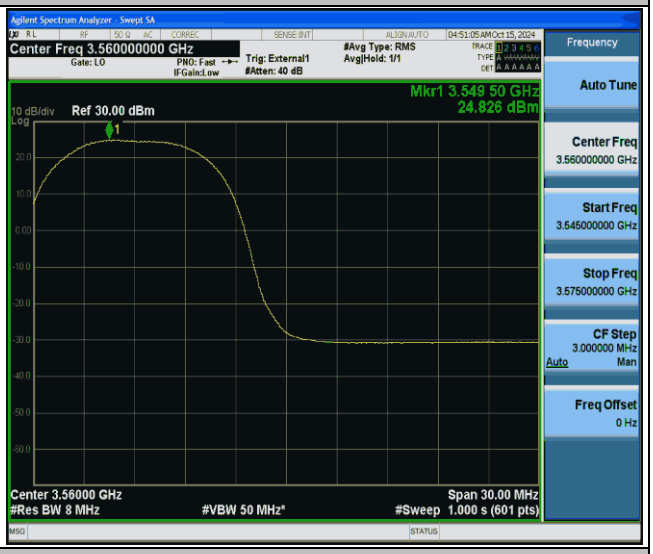


Band48-15MHz-QPSK-56665-38RB#37-PASS

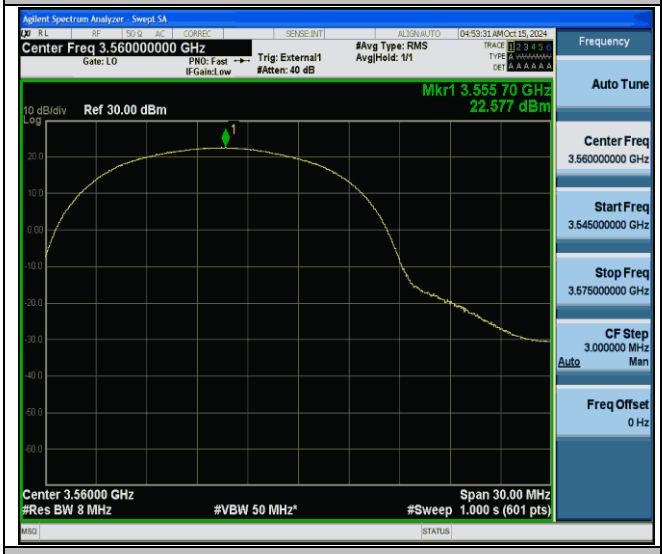


Band48-15MHz-QPSK-56665-1RB#38-PASS

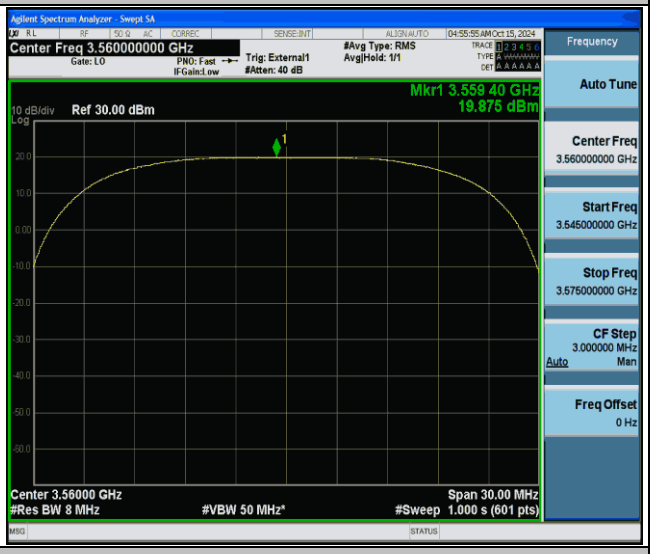
Band48-15MHz-QPSK-56665-1RB#74-PASS



Band48-20MHz-QPSK-55340-1RB#0-PASS



Band48-20MHz-QPSK-55340-50RB#0-PASS



Band48-20MHz-QPSK-55340-100RB#0-PASS

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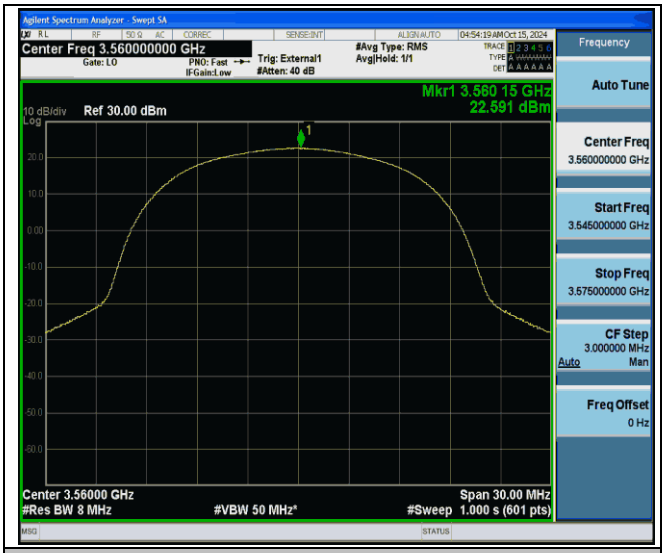

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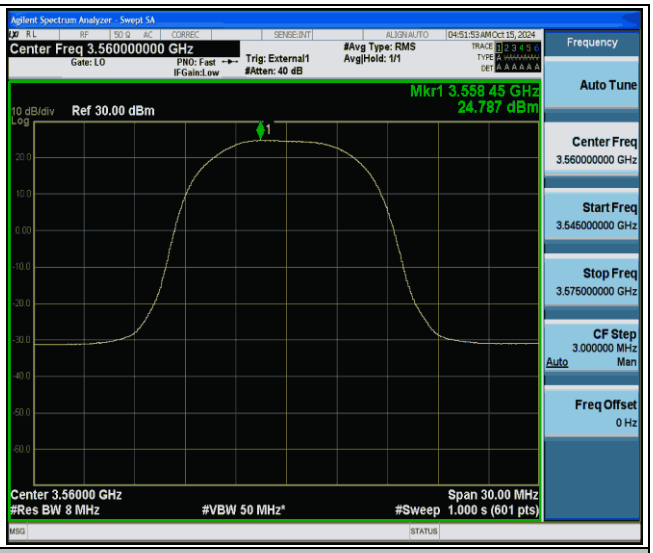
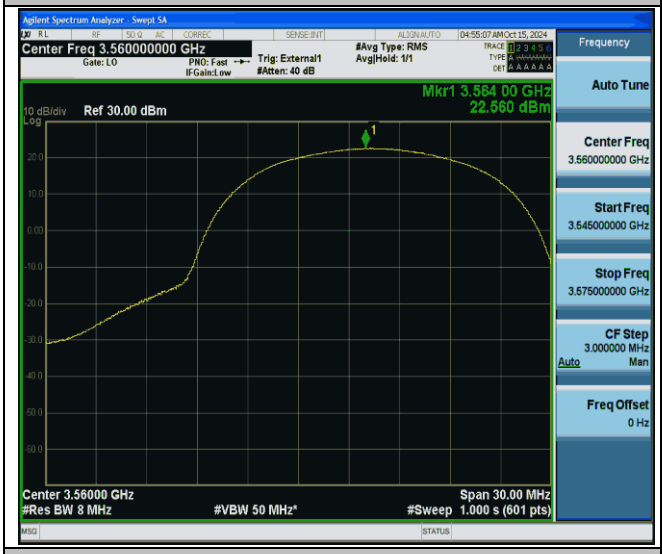
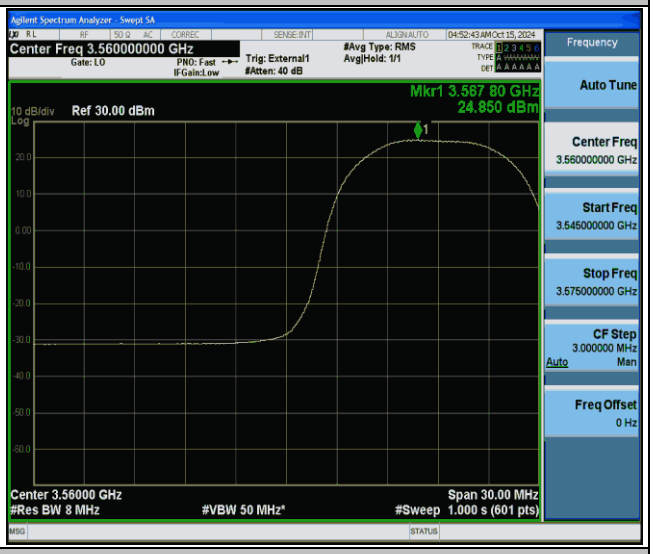


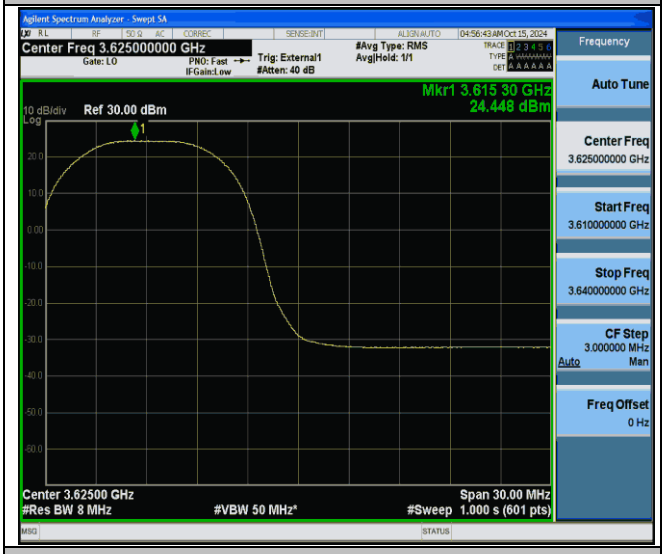
Band48-20MHz-QPSK-55340-1RB#49-PASS



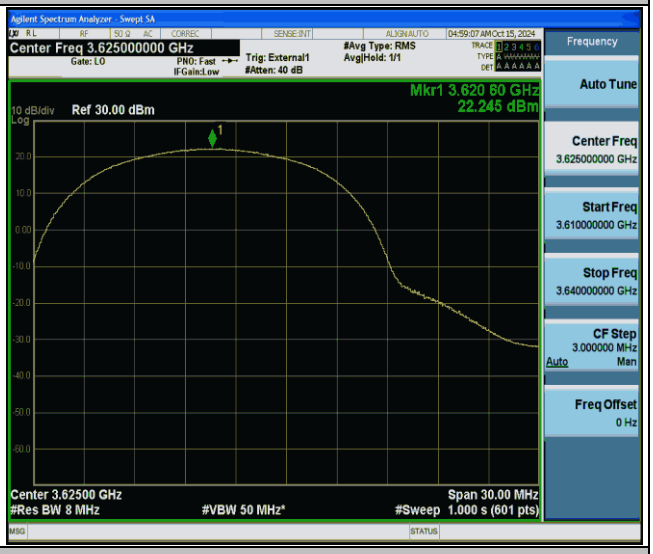
Band48-20MHz-QPSK-55340-50RB#50-PASS



Band48-20MHz-QPSK-55340-1RB#99-PASS



Band48-20MHz-QPSK-55990-1RB#0-PASS



Band48-20MHz-QPSK-55990-50RB#0-PASS

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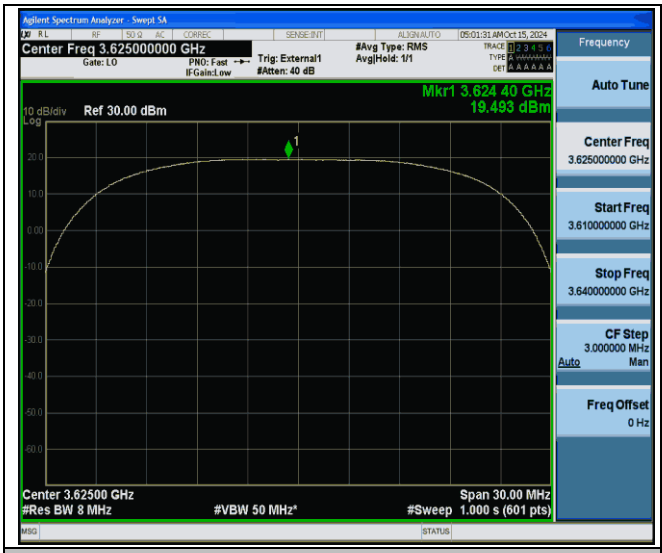
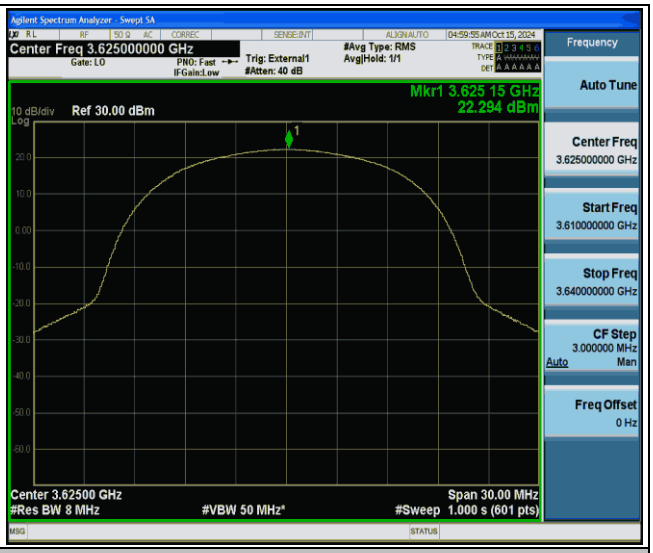
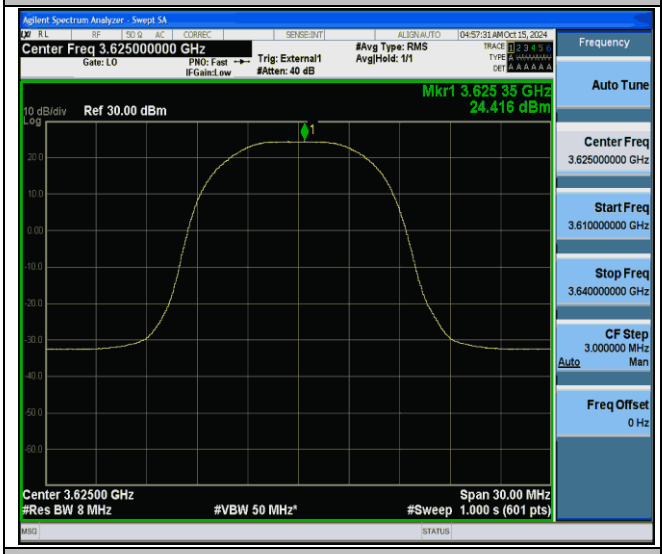


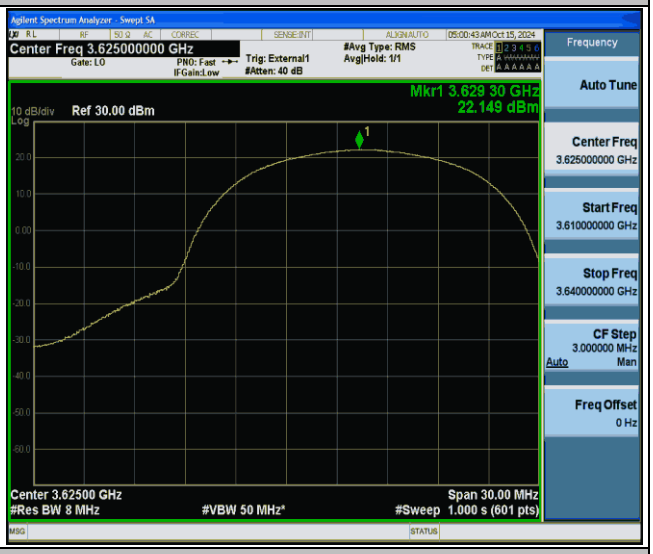
Band48-20MHz-QPSK-55990-100RB#0-PASS



Band48-20MHz-QPSK-55990-50RB#25-PASS

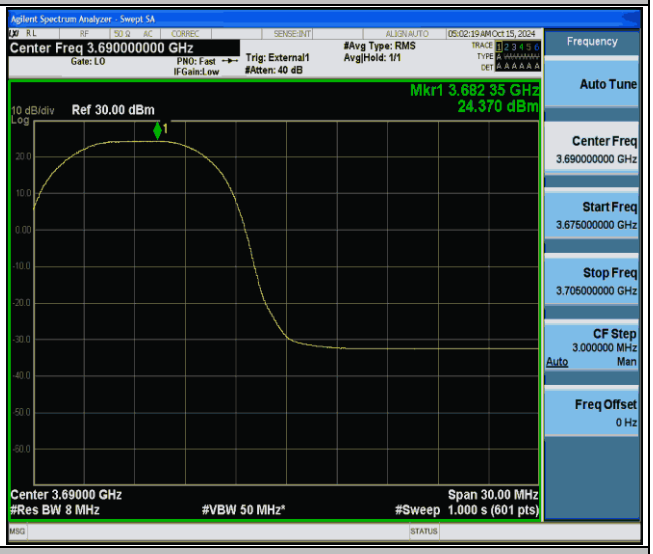


Band48-20MHz-QPSK-55990-1RB#49-PASS



Band48-20MHz-QPSK-55990-50RB#50-PASS

Band48-20MHz-QPSK-55990-1RB#99-PASS



Band48-20MHz-QPSK-56640-1RB#0-PASS

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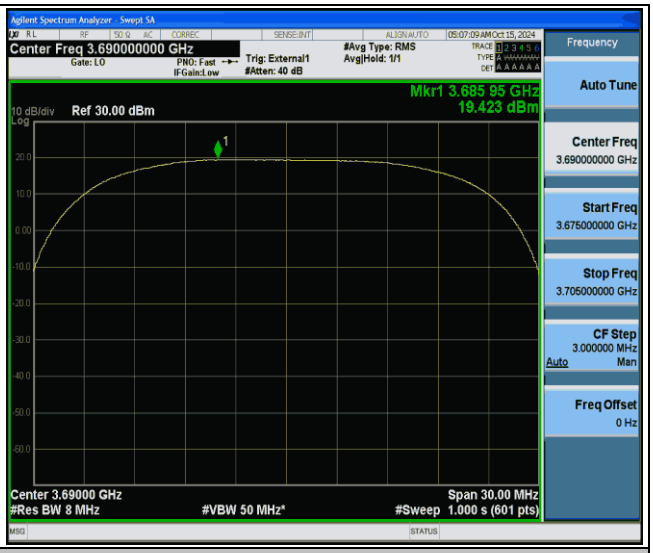
Band48-20MHz-QPSK-56640-50RB#0-PASS



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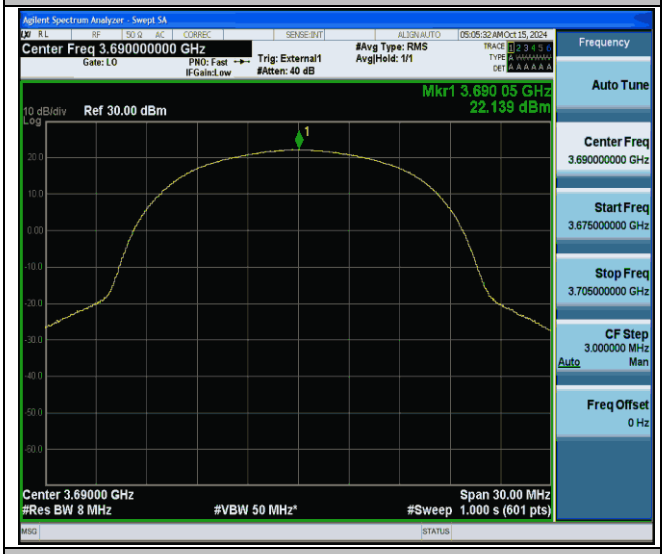
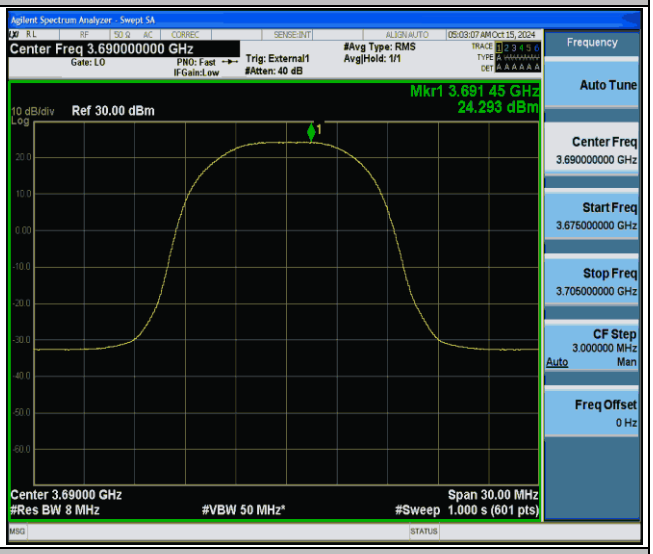
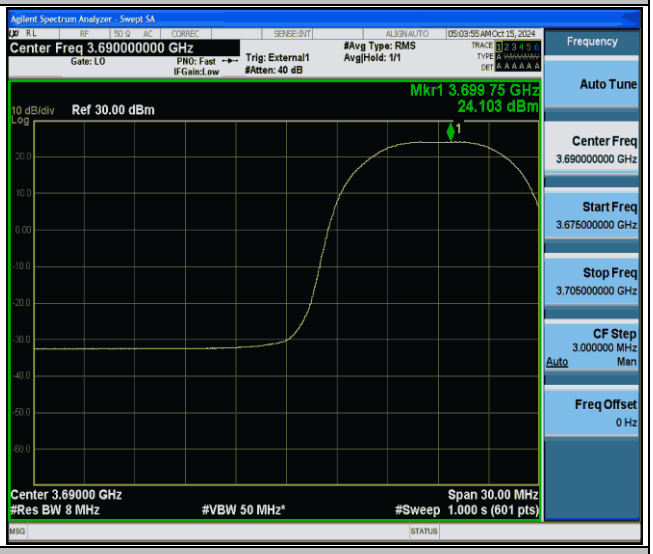


Band48-20MHz-QPSK-56640-50RB#25-PASS



Band48-20MHz-QPSK-56640-1RB#49-PASS

Band48-20MHz-QPSK-56640-50RB#50-PASS



Band48-20MHz-QPSK-56640-1RB#99-PASS

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Band48-20MHz-QPSK-56640-1RB#99-PASS

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Adjacent Channel Leakage Ratio

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	37.07	48.85	≥30	PASS
Band48	5MHz	QPSK	55265	25RB#0	38.26	38.47	≥30	PASS
Band48	5MHz	QPSK	55265	1RB#24	50.04	37.5	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#0	37.43	49.6	≥30	PASS
Band48	5MHz	QPSK	55990	25RB#0	38.46	37.72	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#24	50.88	37.82	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#0	37.74	50.23	≥30	PASS
Band48	5MHz	QPSK	56715	25RB#0	37.43	37.26	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#24	51.03	38.27	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#0	38.5	49.28	≥30	PASS
Band48	10MHz	QPSK	55290	50RB#0	38.58	38.76	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#49	49.3	37.32	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#0	39.01	50.46	≥30	PASS
Band48	10MHz	QPSK	55990	50RB#0	38.83	38.74	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#49	50.35	37.78	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#0	39.17	50.71	≥30	PASS
Band48	10MHz	QPSK	56690	50RB#0	37.86	38.05	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#49	50.17	38.25	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#0	38.85	49.01	≥30	PASS
Band48	15MHz	QPSK	55315	75RB#0	40.24	39.71	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#74	48.63	37.57	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#0	39.19	50.11	≥30	PASS
Band48	15MHz	QPSK	55990	75RB#0	39.35	39.2	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#74	49.39	38.05	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#0	39.29	50.1	≥30	PASS
Band48	15MHz	QPSK	56665	75RB#0	38.32	38.99	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#74	48.86	38.21	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#0	37.96	47.01	≥30	PASS
Band48	20MHz	QPSK	55340	100RB#0	40.84	40.27	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#99	46.93	37.18	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#0	38	48.33	≥30	PASS
Band48	20MHz	QPSK	55990	100RB#0	39.56	40.05	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#99	47.68	37.59	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#0	38.69	48.71	≥30	PASS
Band48	20MHz	QPSK	56640	100RB#0	38.3	39.72	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#99	47.74	37.82	≥30	PASS

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Test Graphs

Band48-5MHz-QPSK-55265-1RB#0-PASS

Band48-5MHz-QPSK-55265-25RB#0-PASS

Band48-5MHz-QPSK-55265-1RB#24-PASS

Band48-5MHz-QPSK-55990-1RB#0-PASS

Band48-5MHz-QPSK-55990-25RB#0-PASS

Band48-5MHz-QPSK-55990-1RB#24-PASS

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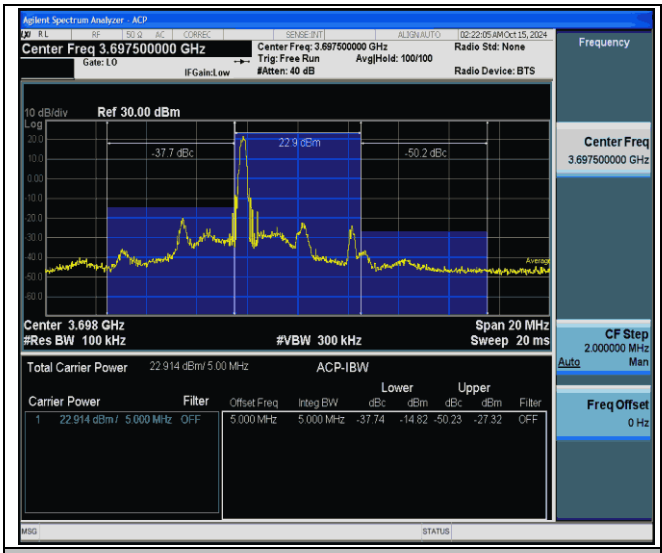

Band48-5MHz-QPSK-56715-1RB#0-PASS

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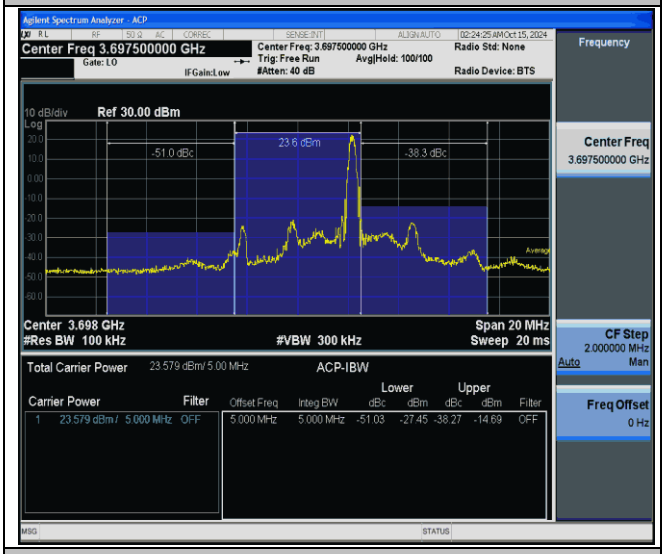

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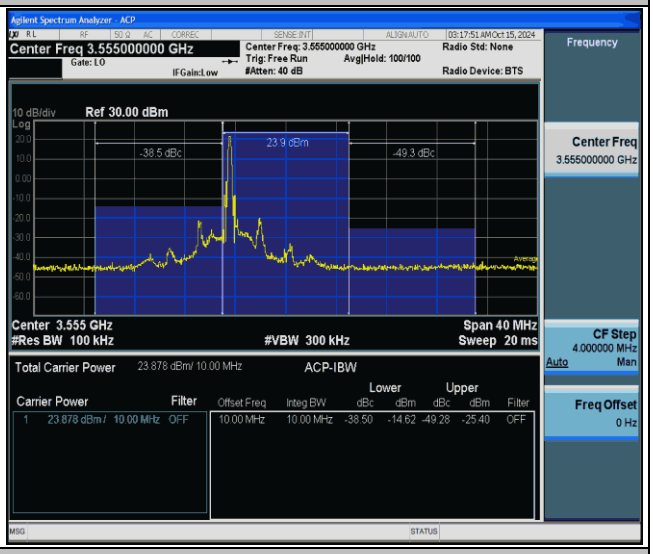
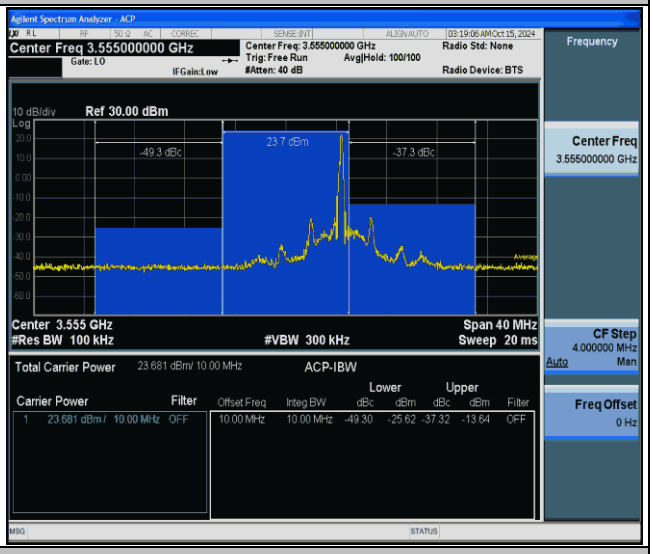


Band48-10MHz-QPSK-55290-1RB#0-PASS

Band48-10MHz-QPSK-55290-50RB#0-PASS



Band48-10MHz-QPSK-55290-1RB#49-PASS

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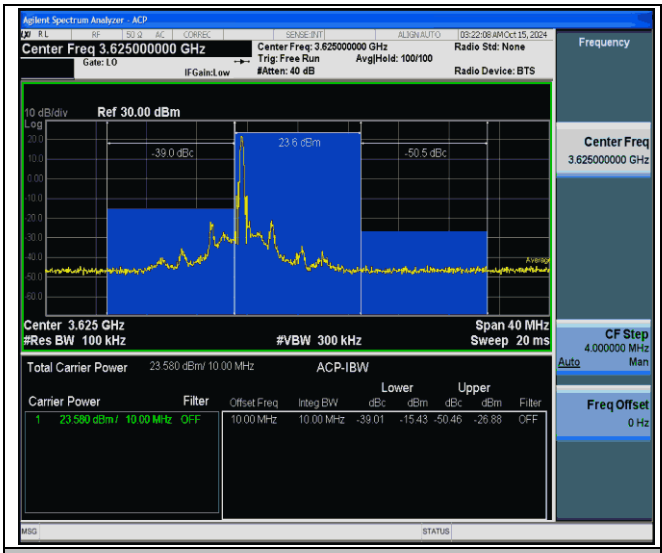
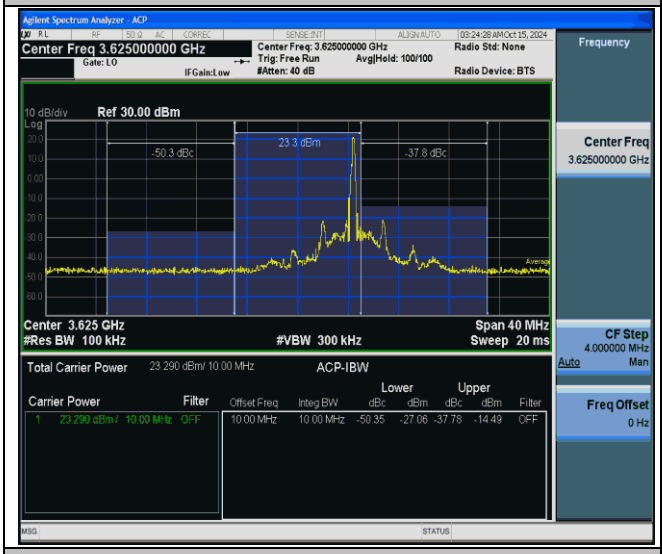


Band48-10MHz-QPSK-55990-1RB#0-PASS

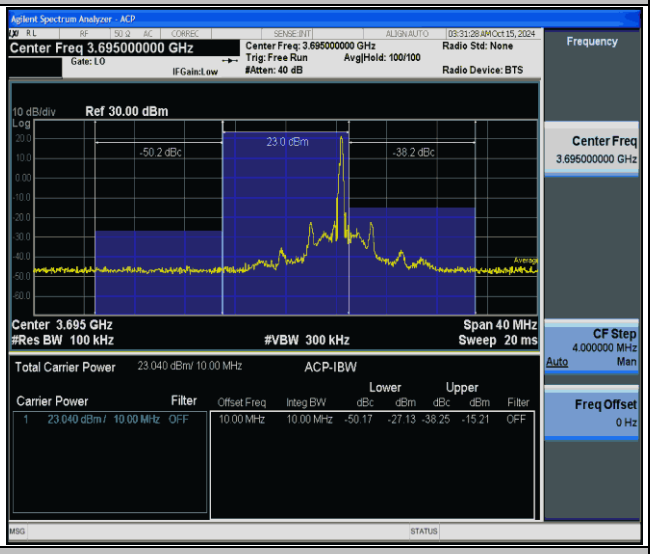
Band48-10MHz-QPSK-55990-50RB#0-PASS



Band48-10MHz-QPSK-55990-1RB#49-PASS

Band48-10MHz-QPSK-56690-1RB#0-PASS

Band48-10MHz-QPSK-56690-50RB#0-PASS



Band48-10MHz-QPSK-56690-1RB#49-PASS

Band48-10MHz-16QAM-56690-50RB#0-PASS

Band48-10MHz-16QAM-56690-1RB#49-PASS

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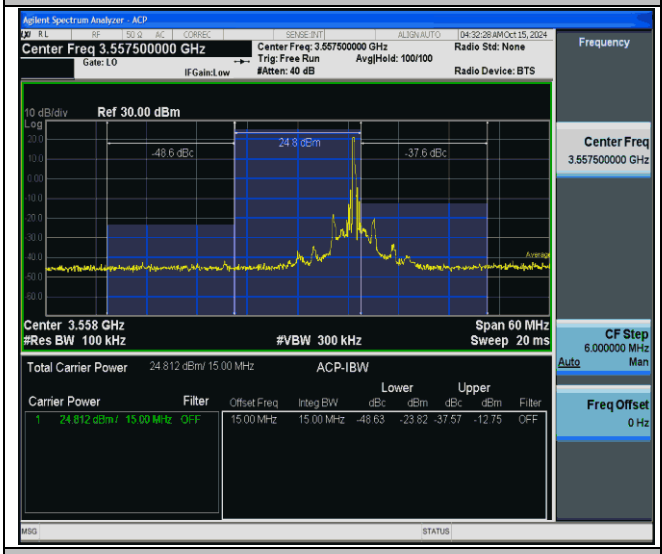
Band48-15MHz-QPSK-55315-1RB#0-PASS

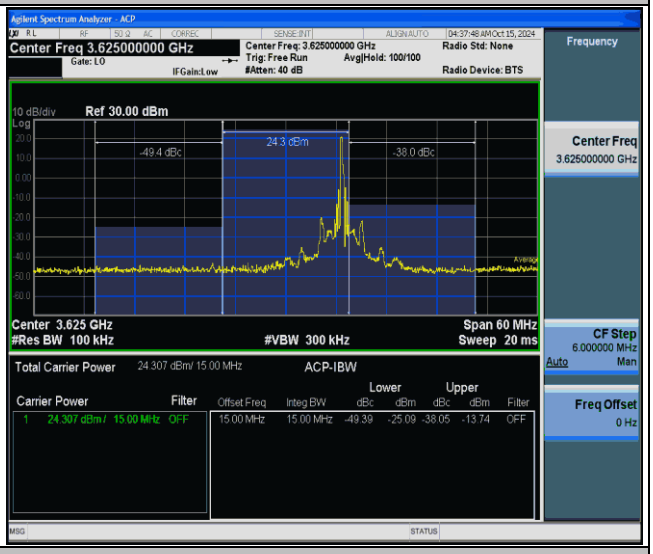
Band48-15MHz-QPSK-55315-75RB#0-PASS



Band48-15MHz-QPSK-55315-1RB#74-PASS

Band48-15MHz-QPSK-55990-1RB#0-PASS

Band48-15MHz-QPSK-55990-75RB#0-PASS



Band48-15MHz-QPSK-55990-1RB#74-PASS

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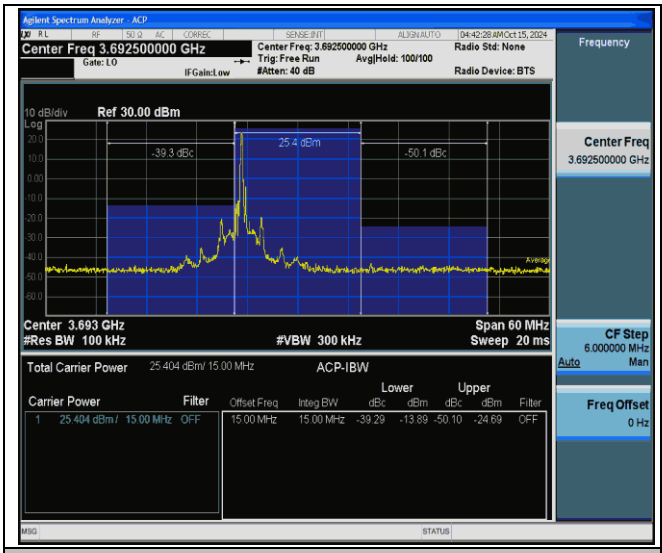
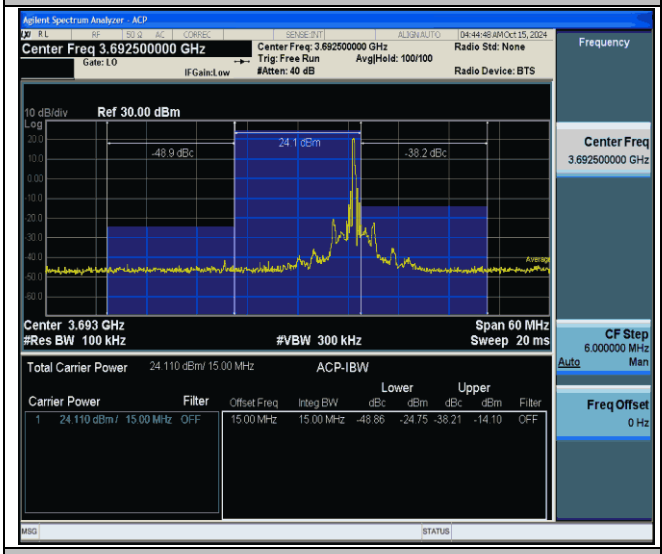


Band48-15MHz-QPSK-56665-1RB#0-PASS

Band48-15MHz-QPSK-56665-75RB#0-PASS



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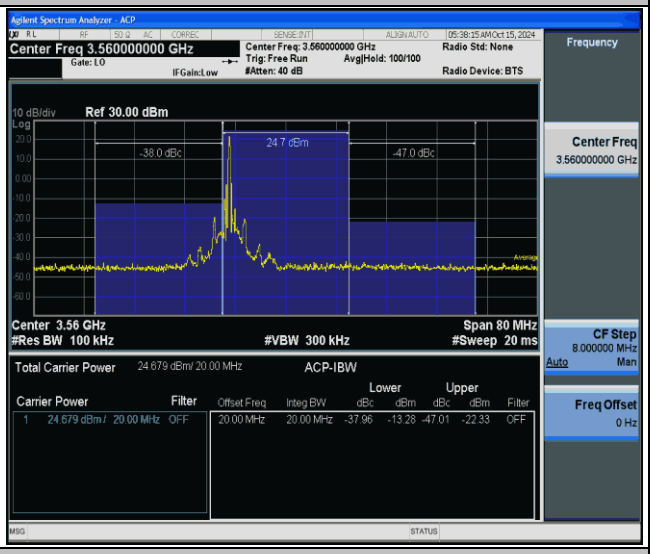
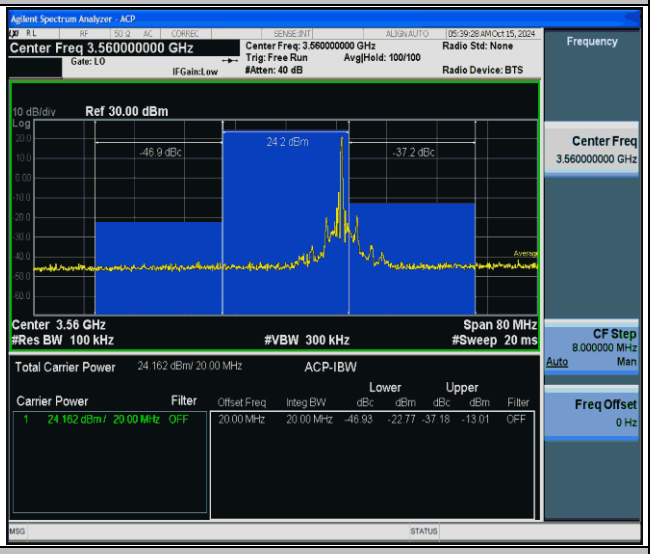


Band48-20MHz-QPSK-55340-1RB#0-PASS

Band48-20MHz-QPSK-55340-100RB#0-PASS



Band48-20MHz-QPSK-55340-1RB#99-PASS

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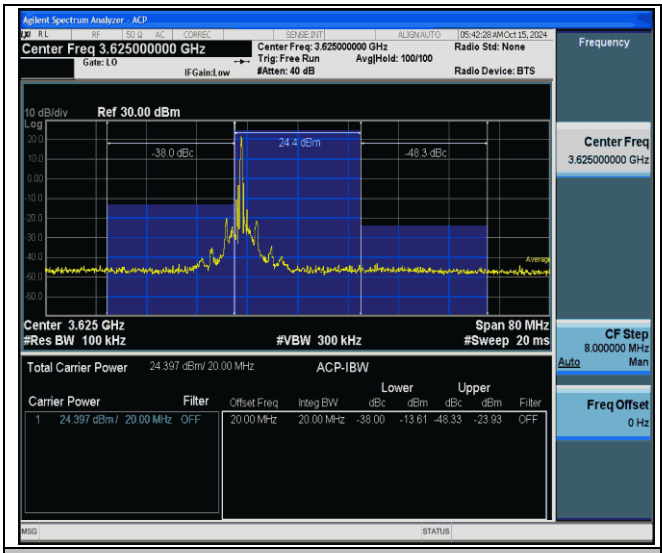
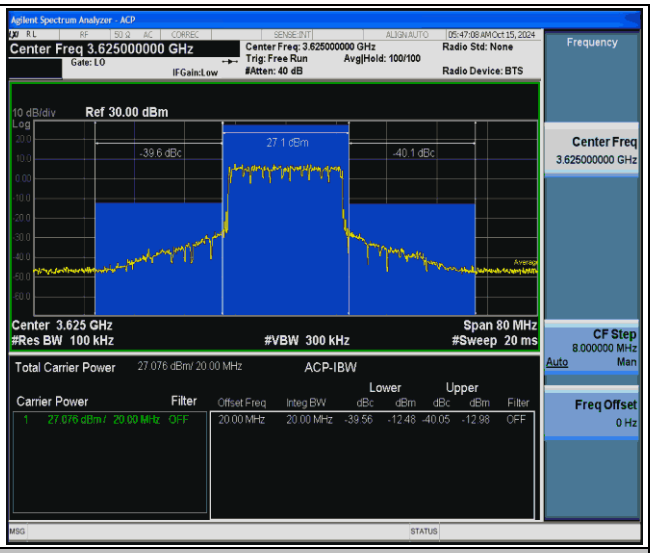


Band48-20MHz-QPSK-55990-1RB#0-PASS



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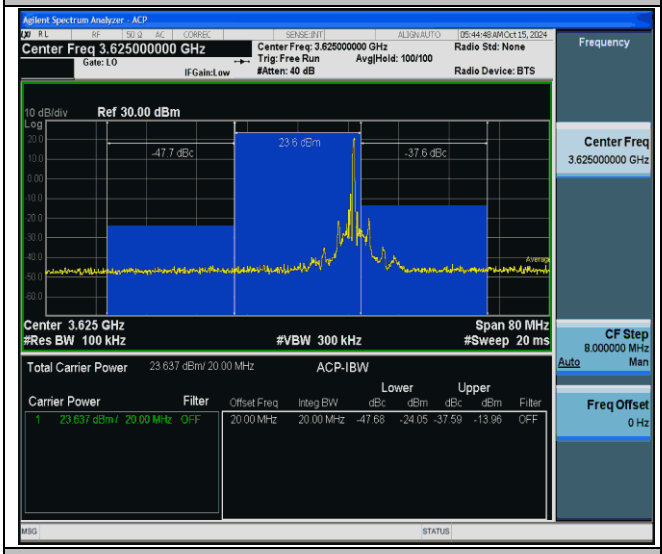

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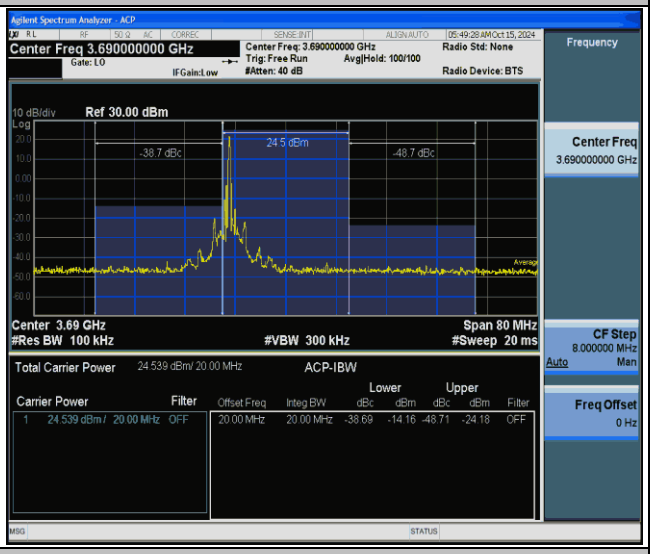
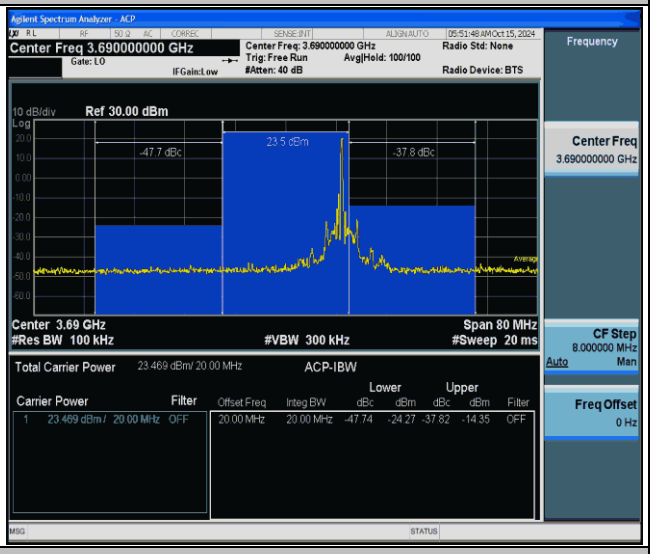


Band48-20MHz-QPSK-56640-1RB#0-PASS

Band48-20MHz-QPSK-56640-100RB#0-PASS



Band48-20MHz-QPSK-56640-1RB#99-PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	4.76	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	4.63	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	4.67	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	5.77	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	5.70	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	5.72	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	6.30	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	6.29	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	6.30	13	PASS
Band48	20MHz	256QAM	55340	100RB#0	6.64	13	PASS
Band48	20MHz	256QAM	55990	100RB#0	6.57	13	PASS
Band48	20MHz	256QAM	56640	100RB#0	6.53	13	PASS

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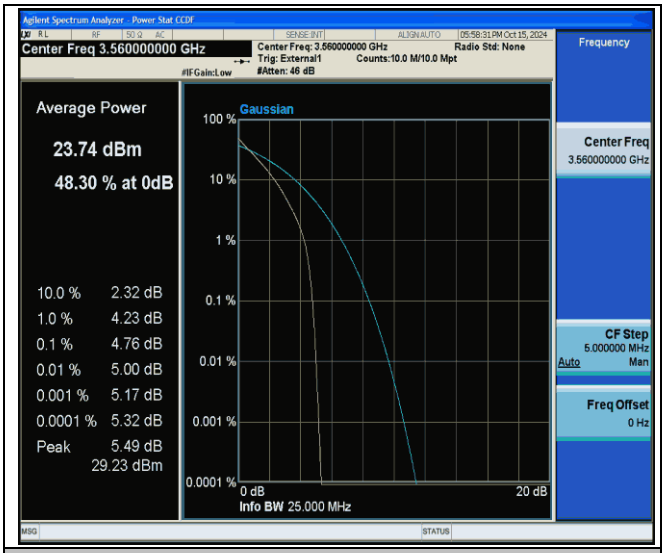
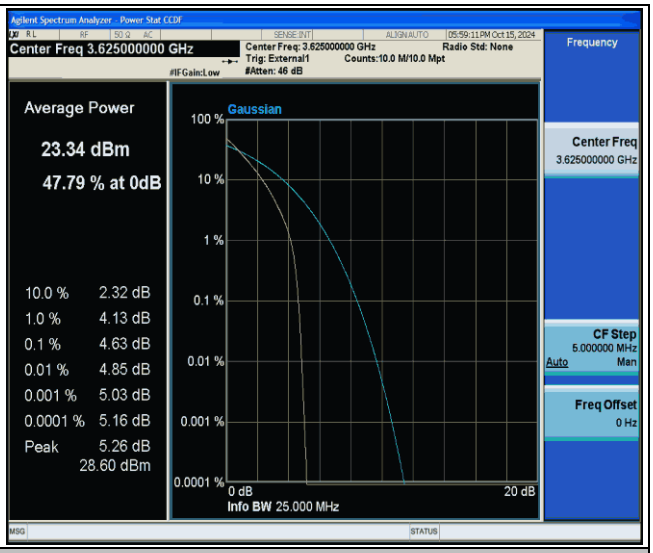
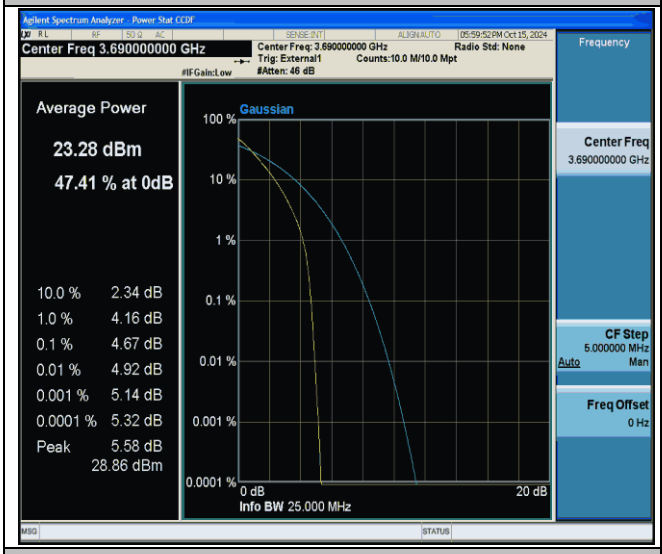
Test Graphs



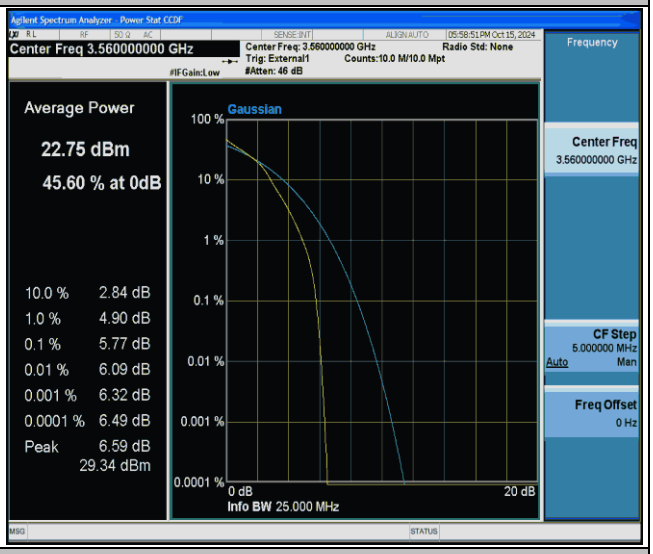
Band48-20MHz-QPSK-55340-100RB#0-PASS



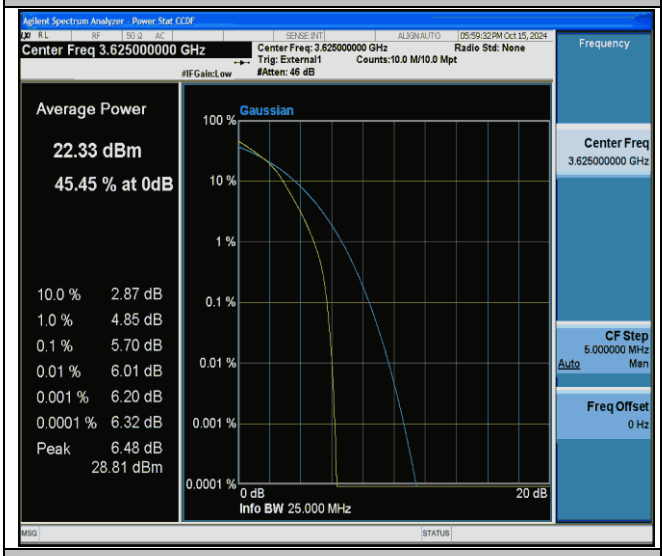
Band48-20MHz-QPSK-55990-100RB#0-PASS



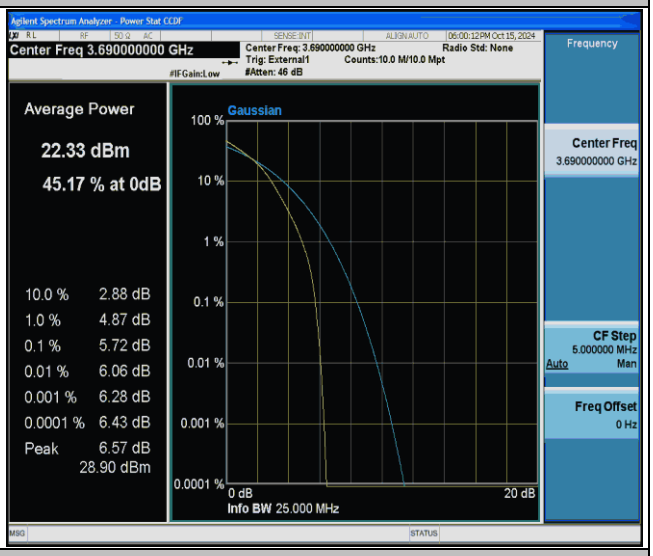
Band48-20MHz-QPSK-56640-100RB#0-PASS



Band48-20MHz-16QAM-55340-100RB#0-PASS



Band48-20MHz-16QAM-55990-100RB#0-PASS



Band48-20MHz-16QAM-56640-100RB#0-PASS

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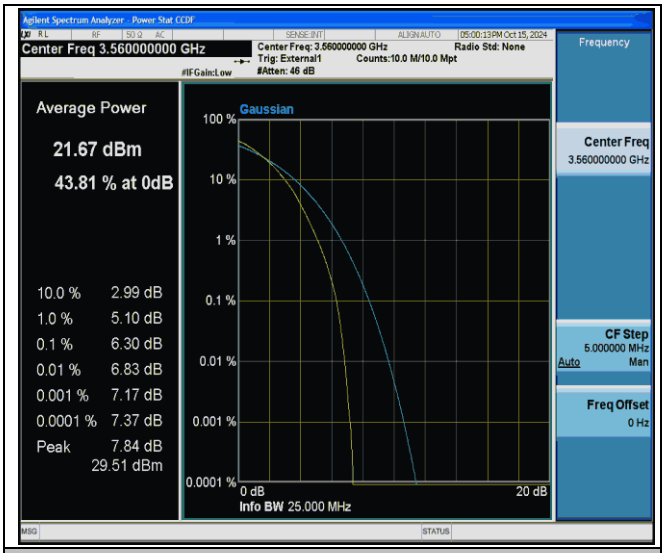
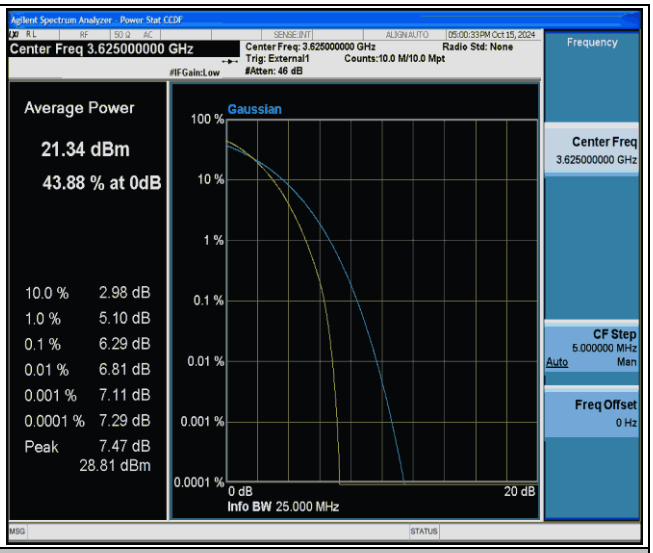
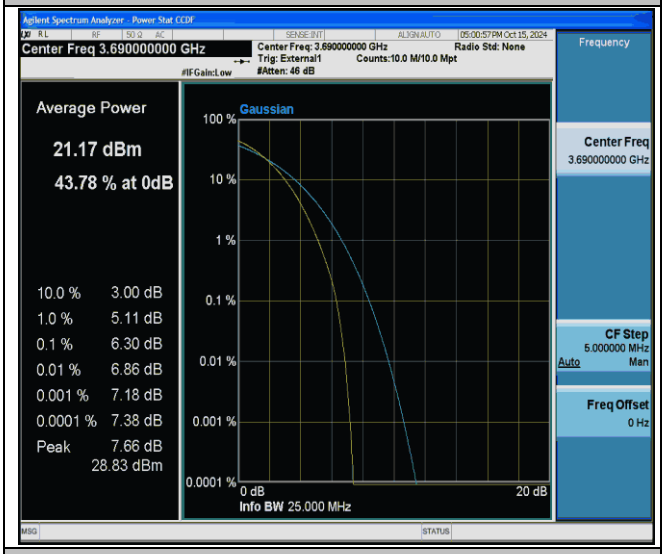


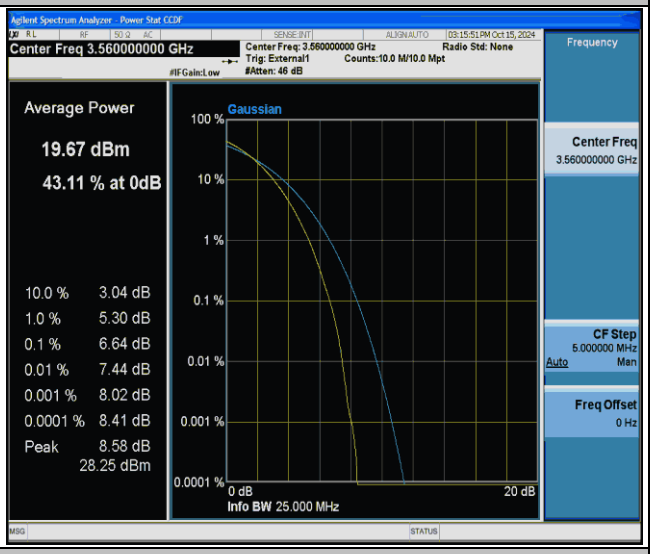
Band48-20MHz-64QAM-55340-100RB#0-PASS



Band48-20MHz-64QAM-55990-100RB#0-PASS



Band48-20MHz-64QAM-56640-100RB#0-PASS



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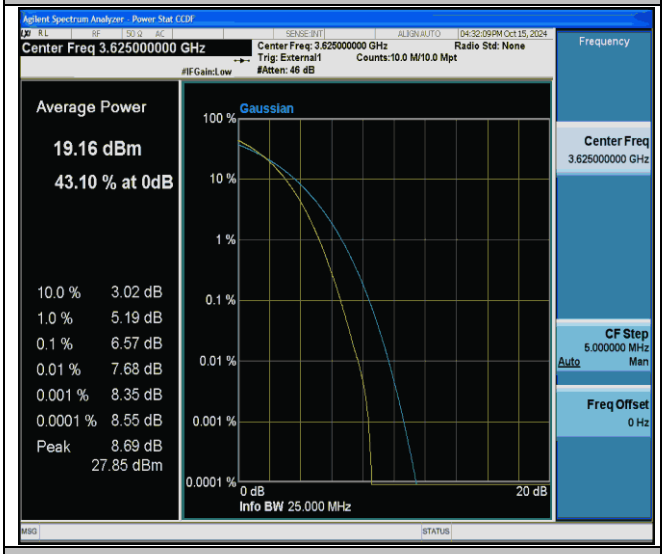

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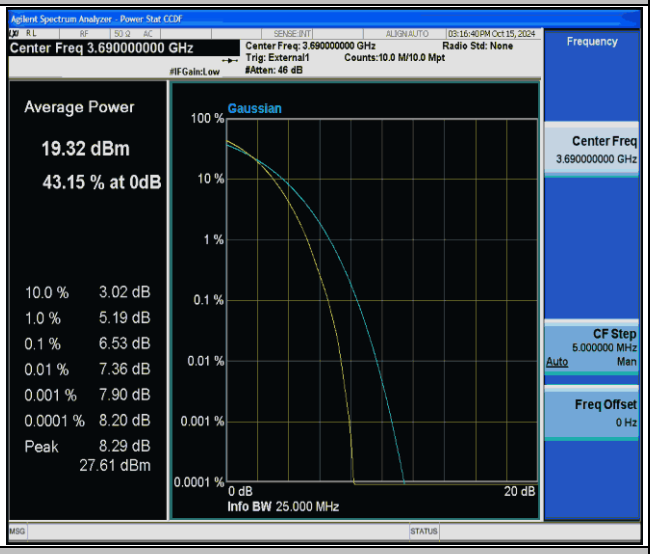

Band48-20MHz-256QAM-56640-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.5111	5.284	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.5040	5.270	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.5085	5.222	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.5052	5.324	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.5063	5.174	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.5077	5.208	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.5083	5.383	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.5074	5.472	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.5052	5.449	PASS
Band48	5MHz	256QAM	55265	25RB#0	4.5088	5.264	PASS
Band48	5MHz	256QAM	55990	25RB#0	4.5127	5.149	PASS
Band48	5MHz	256QAM	56715	25RB#0	4.5163	5.413	PASS
Band48	10MHz	QPSK	55290	50RB#0	9.0030	10.09	PASS
Band48	10MHz	QPSK	55990	50RB#0	8.9661	10.36	PASS
Band48	10MHz	QPSK	56690	50RB#0	8.9932	10.05	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.9742	10.60	PASS
Band48	10MHz	16QAM	55990	50RB#0	9.0064	10.71	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.9654	10.82	PASS
Band48	10MHz	64QAM	55290	50RB#0	9.0049	10.71	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.9991	10.68	PASS
Band48	10MHz	64QAM	56690	50RB#0	9.0091	10.64	PASS
Band48	10MHz	256QAM	55290	50RB#0	8.9969	10.10	PASS
Band48	10MHz	256QAM	55990	50RB#0	8.9927	10.35	PASS
Band48	10MHz	256QAM	56690	50RB#0	9.0017	10.41	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.488	14.99	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.489	14.75	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.489	14.92	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.456	15.34	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.537	14.91	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.496	15.36	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.502	15.02	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.452	15.15	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.509	15.52	PASS
Band48	15MHz	256QAM	55315	75RB#0	13.509	15.25	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.494	15.10	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.516	15.45	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.984	20.06	PASS

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Band48	20MHz	QPSK	55990	100RB#0	17.941	19.84	PASS
Band48	20MHz	QPSK	56640	100RB#0	18.061	20.44	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.952	19.63	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.957	19.95	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.988	19.92	PASS
Band48	20MHz	64QAM	55340	100RB#0	17.974	20.76	PASS
Band48	20MHz	64QAM	55990	100RB#0	18.020	19.91	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.909	20.59	PASS
Band48	20MHz	256QAM	55340	100RB#0	17.970	19.98	PASS
Band48	20MHz	256QAM	55990	100RB#0	17.996	19.96	PASS
Band48	20MHz	256QAM	56640	100RB#0	17.989	19.93	PASS

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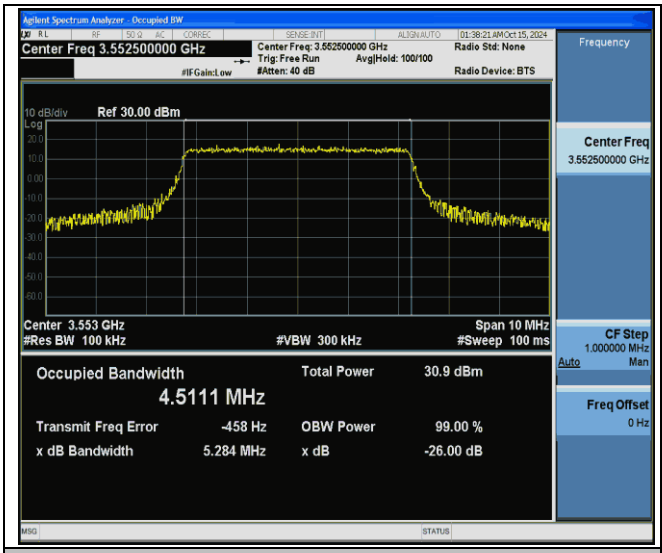
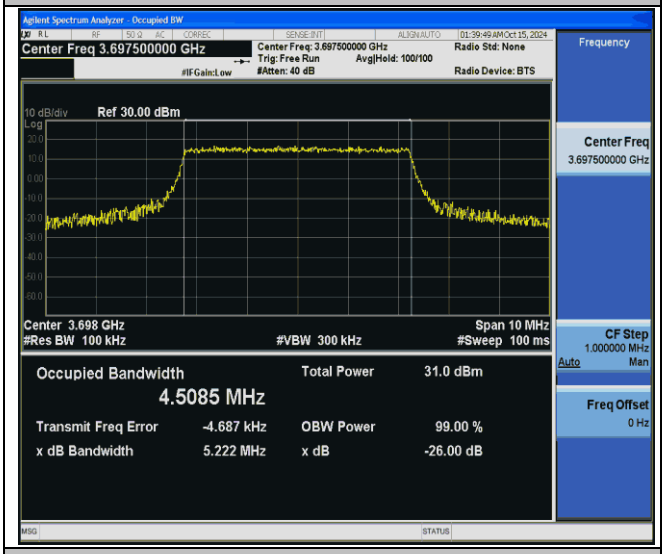
Test Graphs



Band48-5MHz-QPSK-55265-25RB#0-PASS

Band48-5MHz-QPSK-55990-25RB#0-PASS



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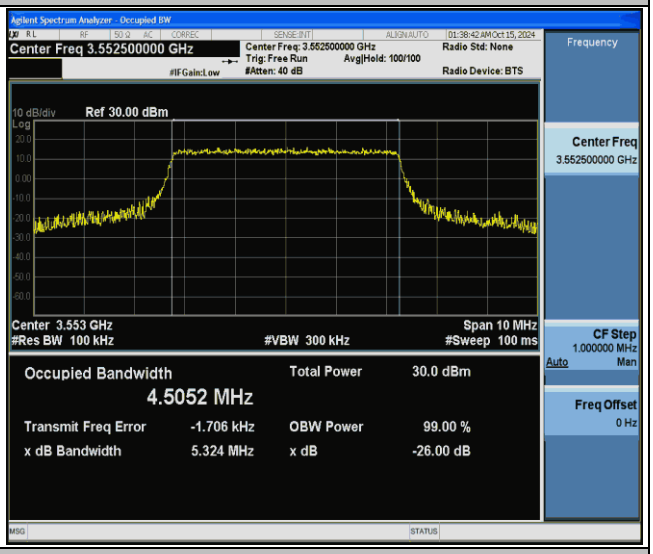

Band48-5MHz-16QAM-55265-25RB#0-PASS

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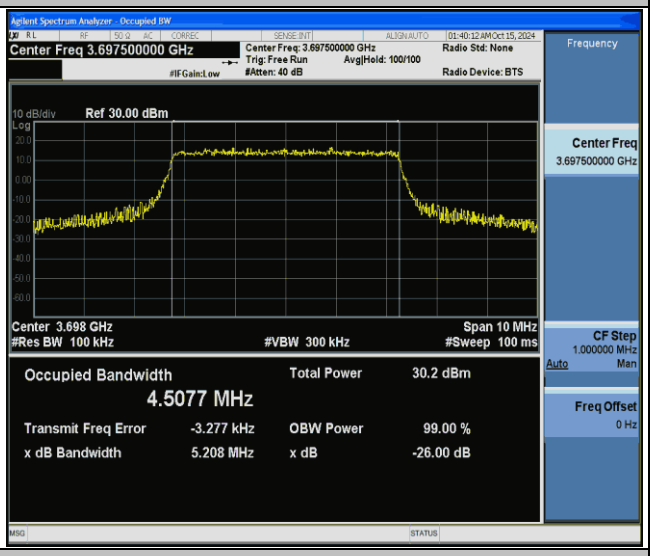

Band48-5MHz-16QAM-56715-25RB#0-PASS

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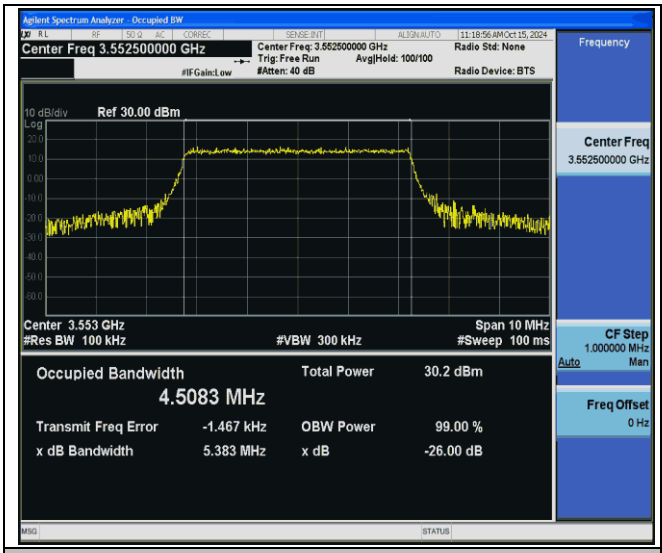

Band48-5MHz-64QAM-55265-25RB#0-PASS

Band48-5MHz-64QAM-55990-25RB#0-PASS

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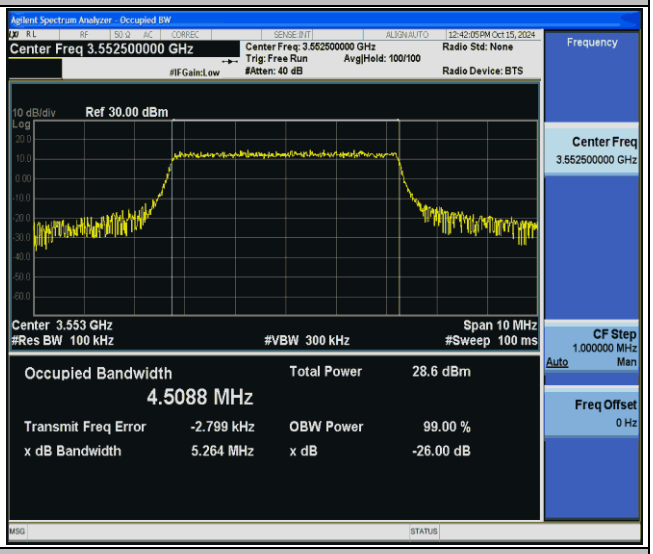

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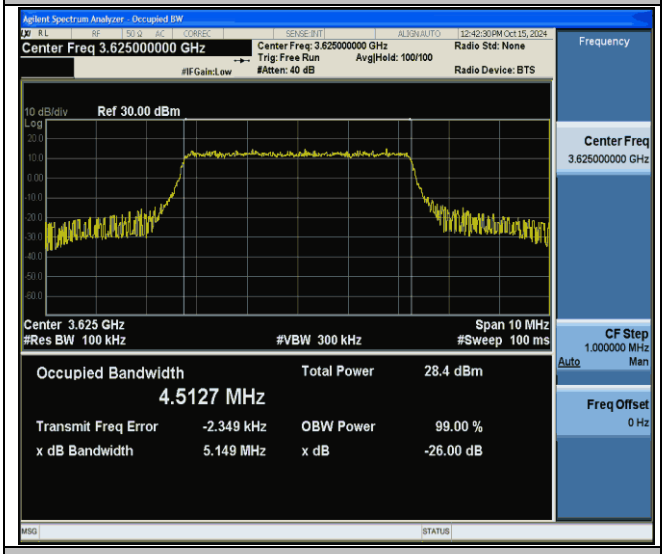

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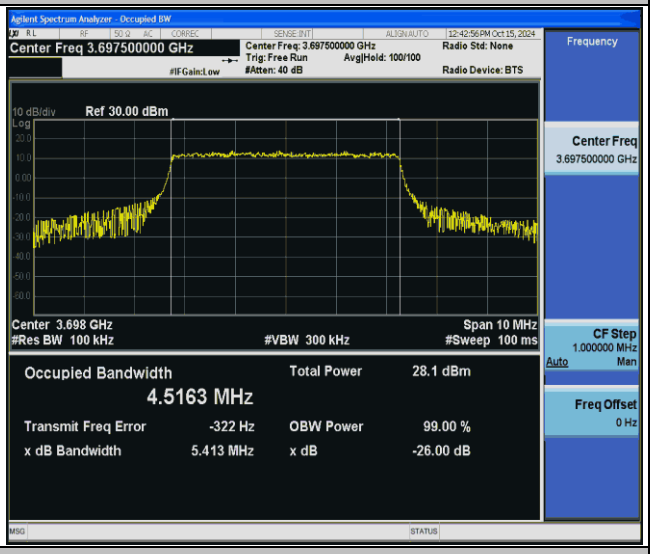

Band48-5MHz-256QAM-56715-25RB#0-PASS

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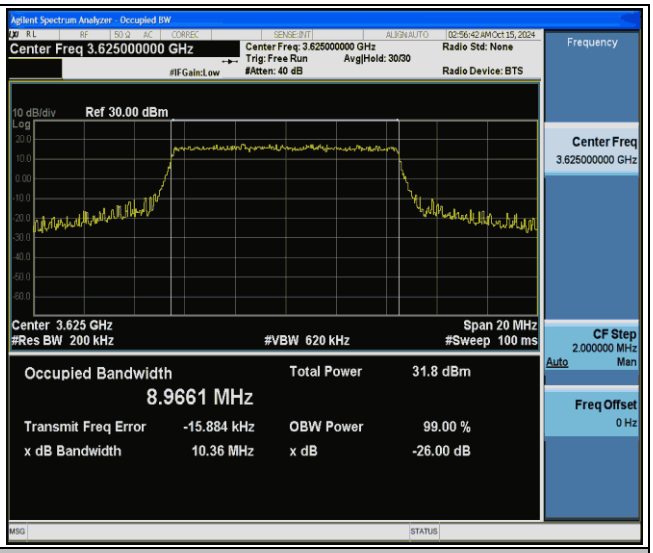
Band48-10MHz-QPSK-55290-50RB#0-PASS



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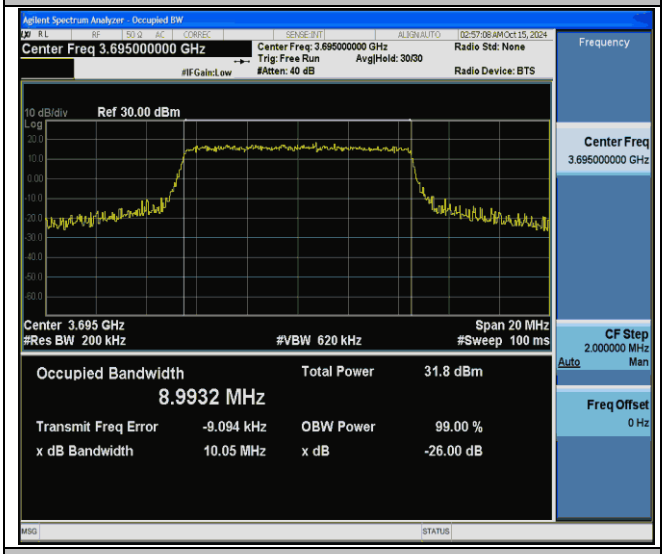

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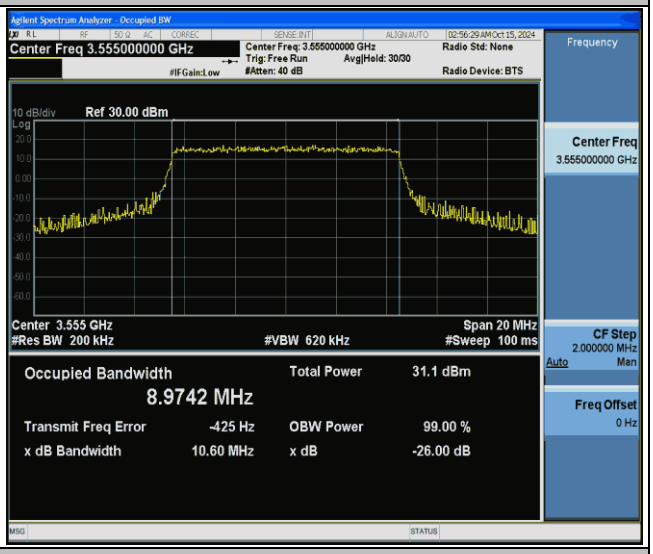

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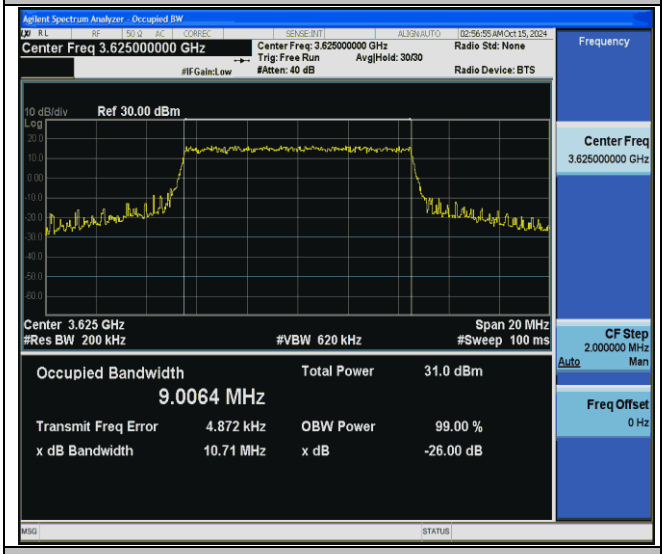

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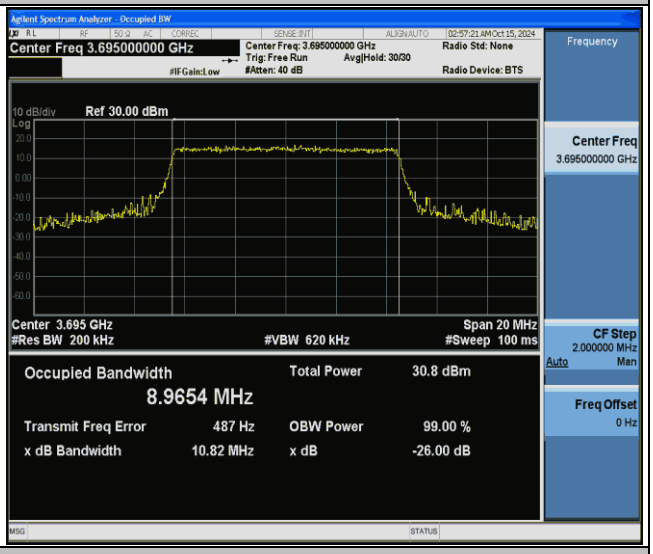

Band48-10MHz-16QAM-56690-50RB#0-PASS

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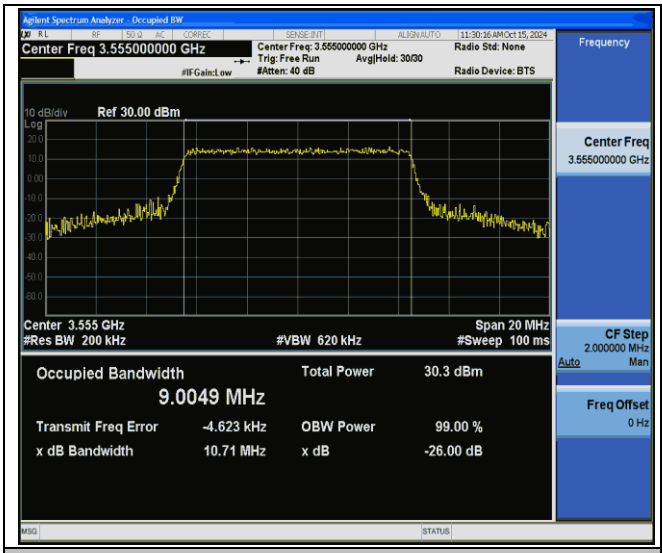

Band48-10MHz-64QAM-55290-50RB#0-PASS

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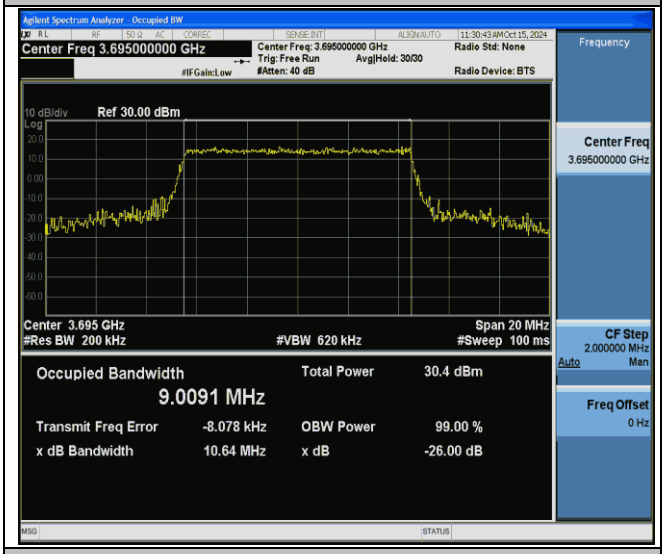

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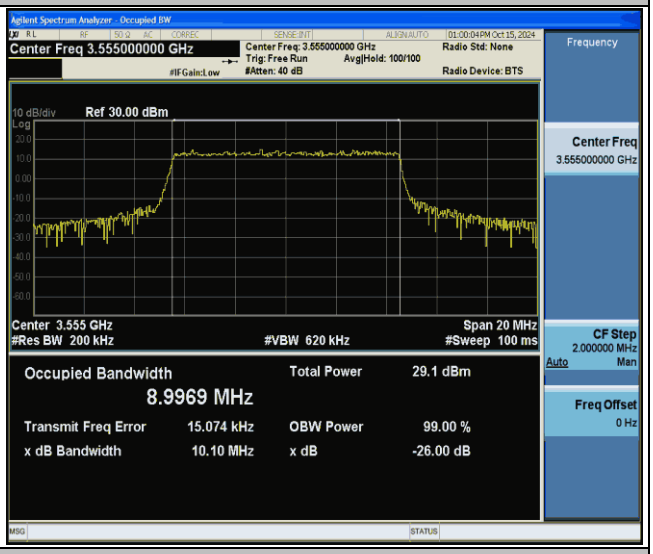

Band48-10MHz-256QAM-55290-50RB#0-PASS

Band48-10MHz-256QAM-55990-50RB#0-PASS

Band48-10MHz-256QAM-56690-50RB#0-PASS

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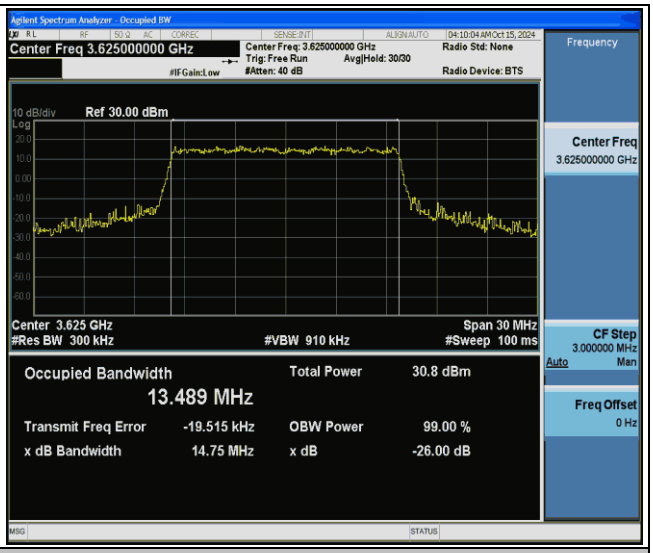
Band48-15MHz-QPSK-55315-75RB#0-PASS



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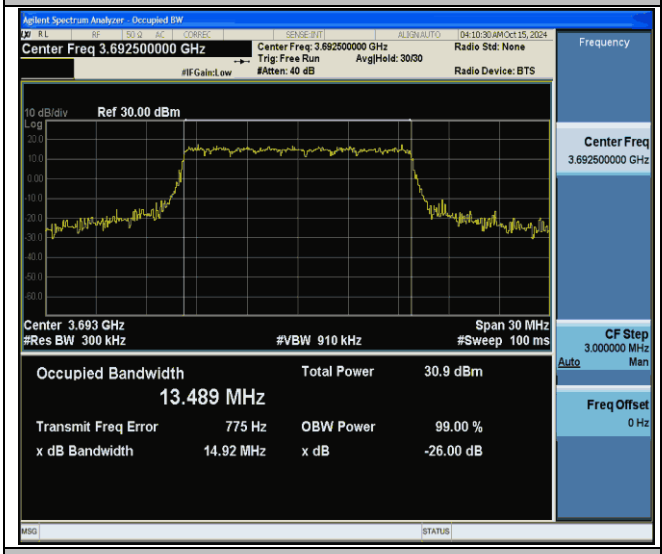
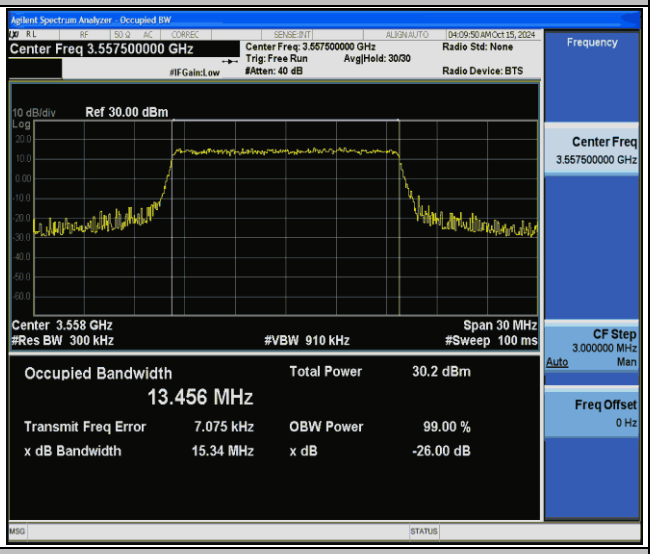


Band48-15MHz-QPSK-56665-75RB#0-PASS



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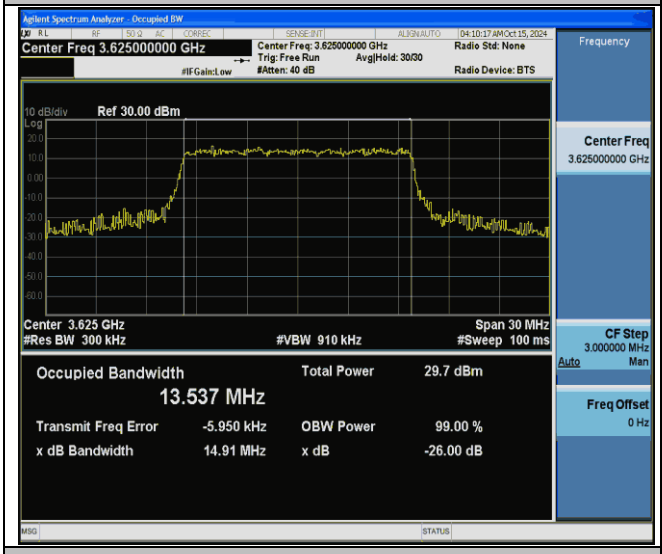
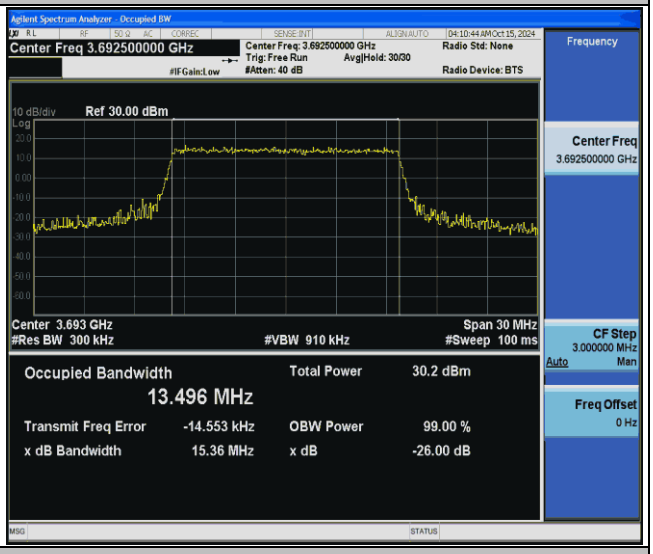


Band48-15MHz-16QAM-55990-75RB#0-PASS



Band48-15MHz-16QAM-56665-75RB#0-PASS

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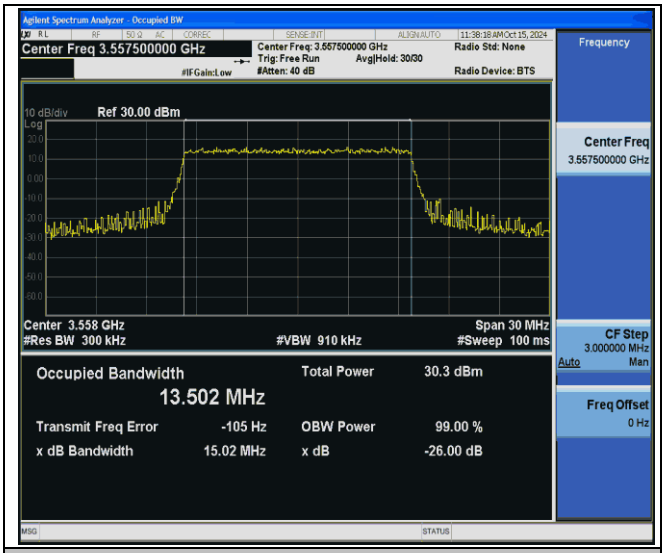
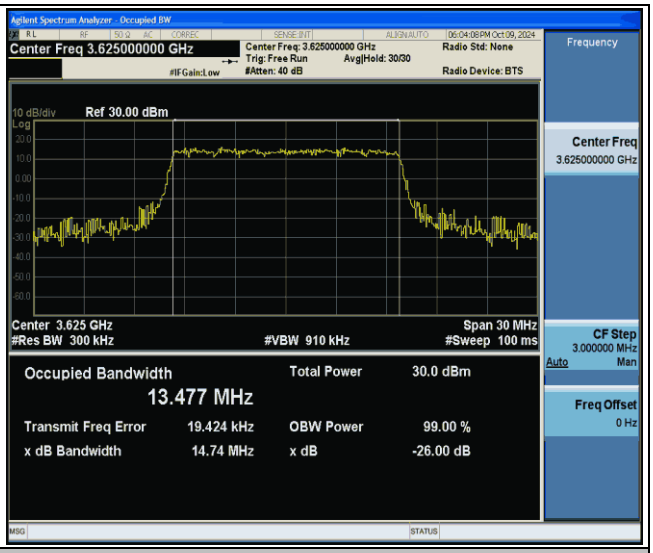


Band48-15MHz-64QAM-55315-75RB#0-PASS



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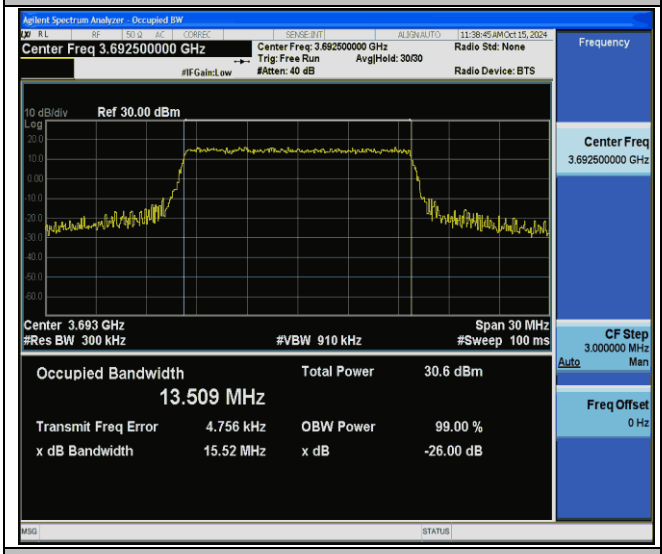
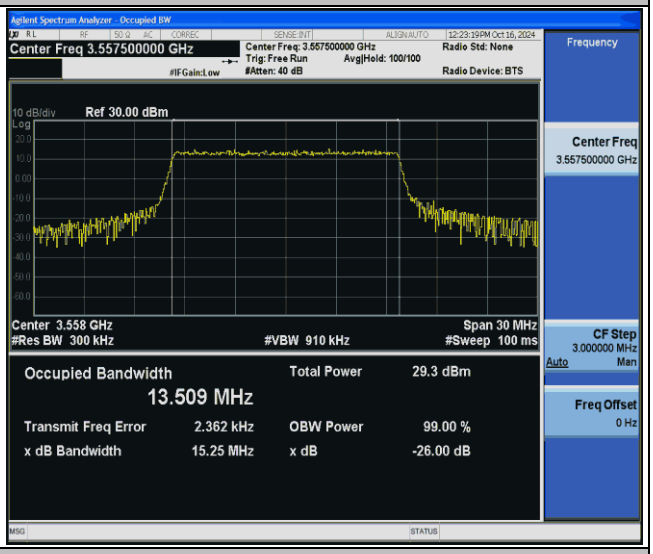
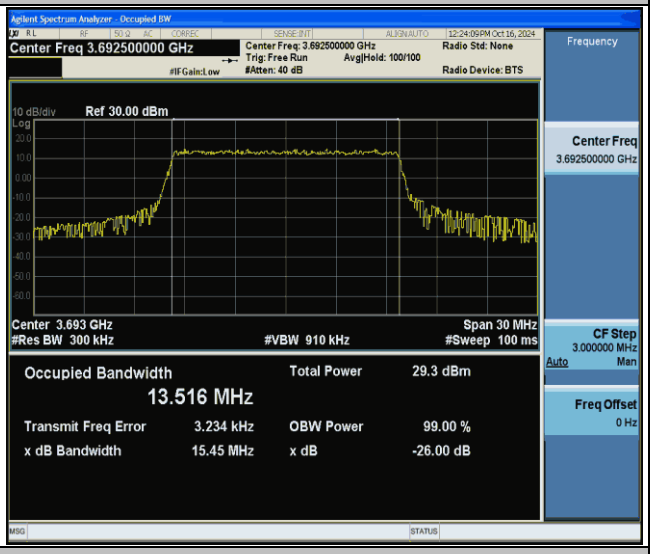


Band48-15MHz-64QAM-56665-75RB#0-PASS



Band48-15MHz-256QAM-55315-75RB#0-PASS

Band48-15MHz-256QAM-55990-75RB#0-PASS



Band48-15MHz-256QAM-56665-75RB#0-PASS

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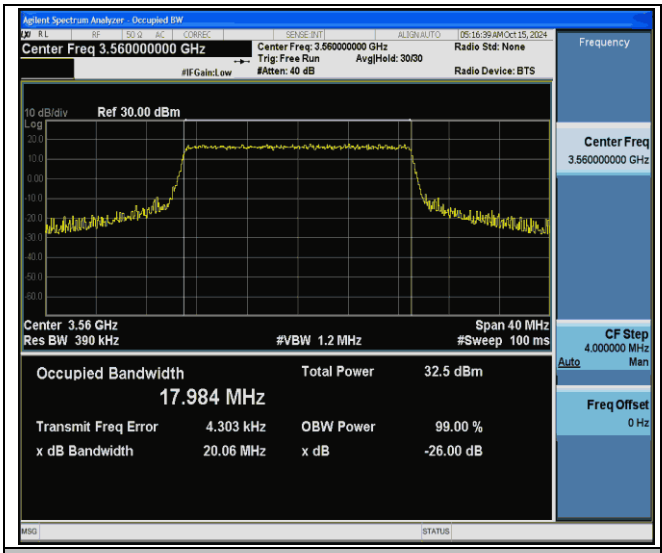
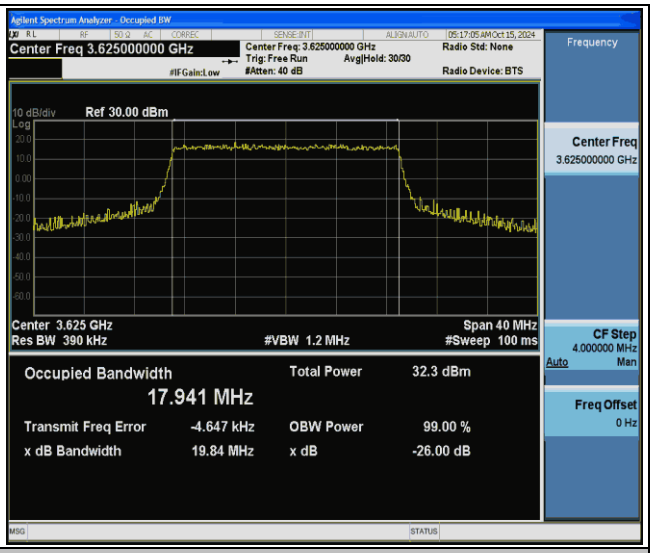
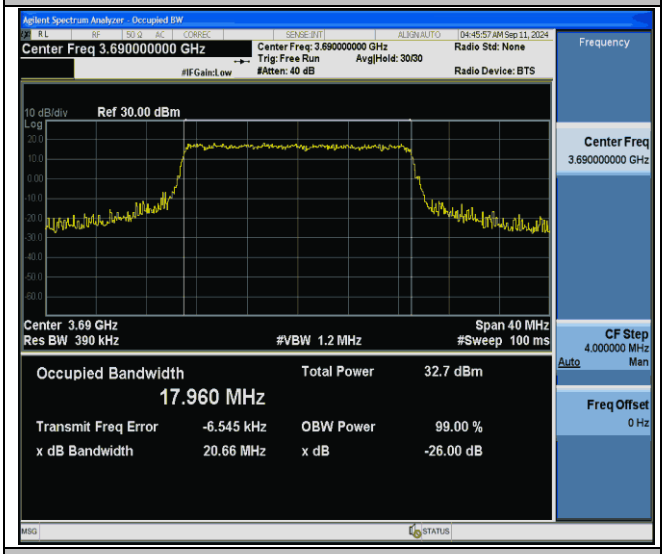


Band48-20MHz-QPSK-55340-100RB#0-PASS



Band48-20MHz-QPSK-55990-100RB#0-PASS



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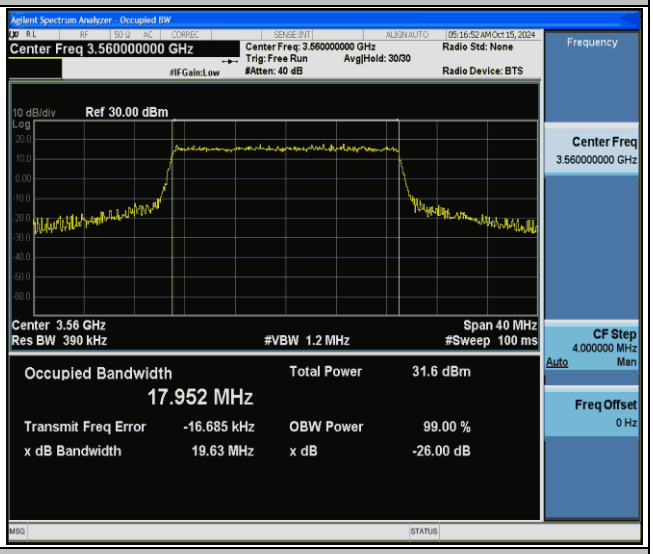
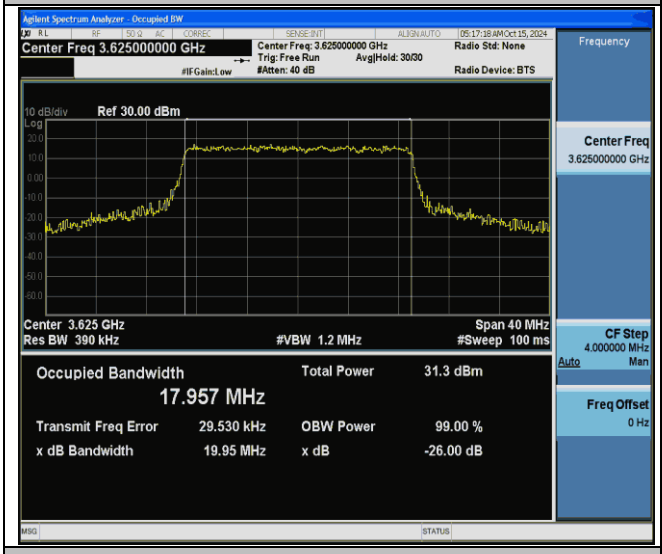
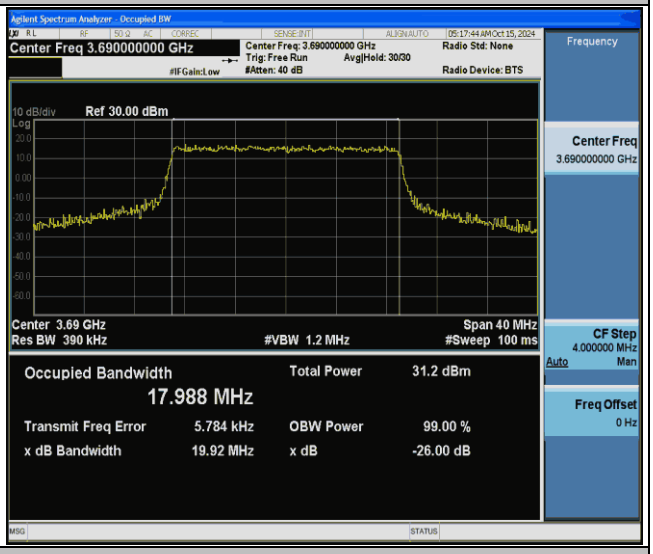


Band48-20MHz-16QAM-55340-100RB#0-PASS



Band48-20MHz-16QAM-55990-100RB#0-PASS



Band48-20MHz-16QAM-56640-100RB#0-PASS

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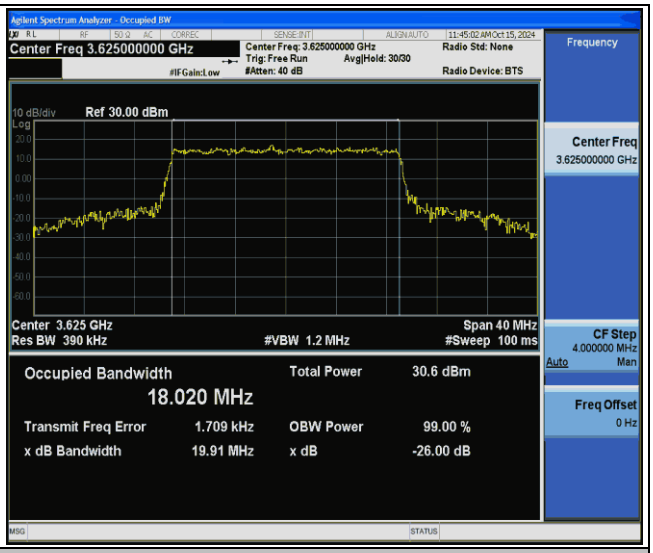
Band48-20MHz-64QAM-55340-100RB#0-PASS



Band48-20MHz-64QAM-55990-100RB#0-PASS

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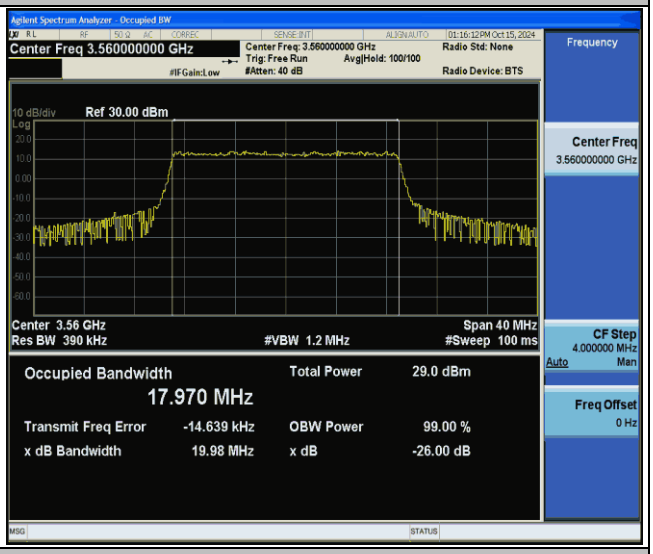
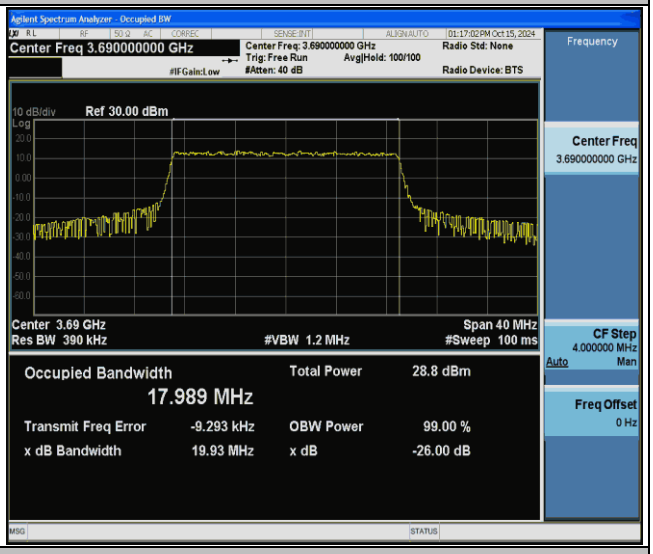


Band48-20MHz-256QAM-55340-100RB#0-PASS

Band48-20MHz-256QAM-55990-100RB#0-PASS



Band48-20MHz-256QAM-56640-100RB#0-PASS

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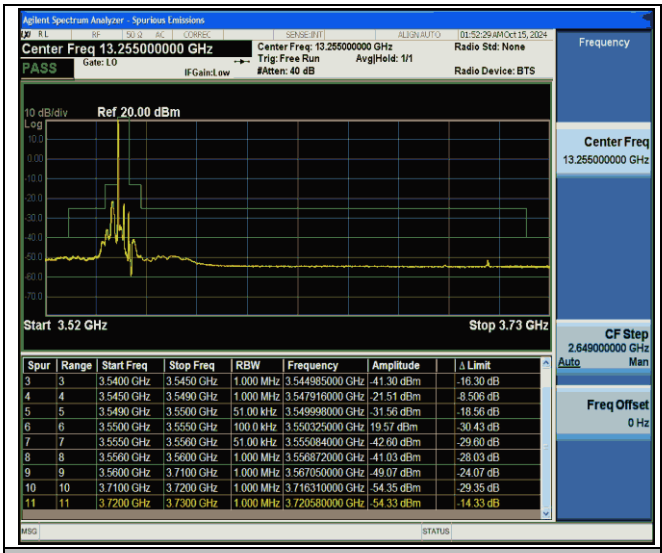
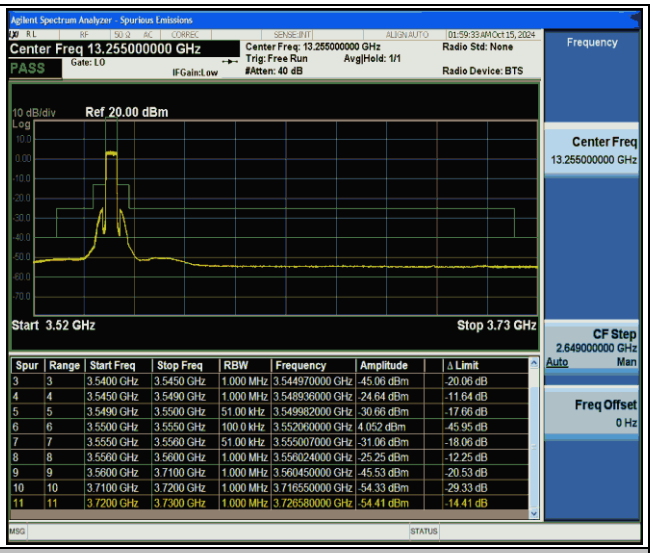
Band Edge

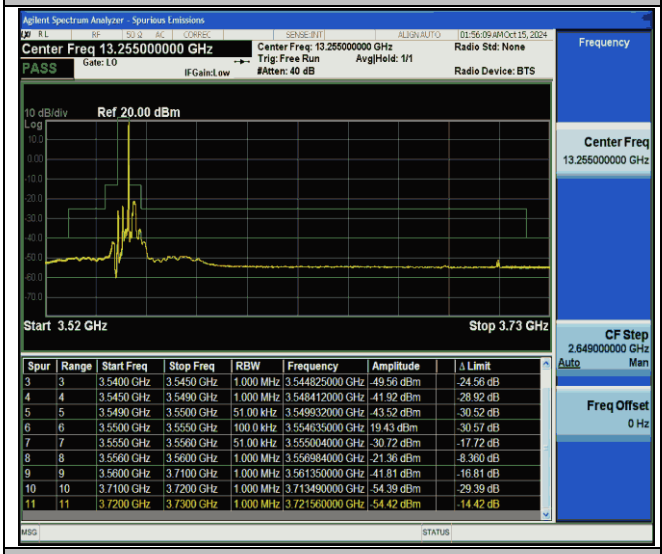
Test Graphs



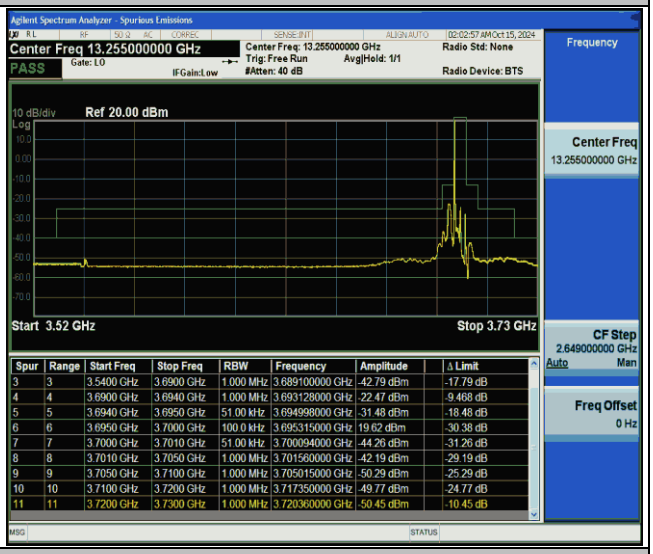
Band48-5MHz-QPSK-55265-1RB#0-PASS



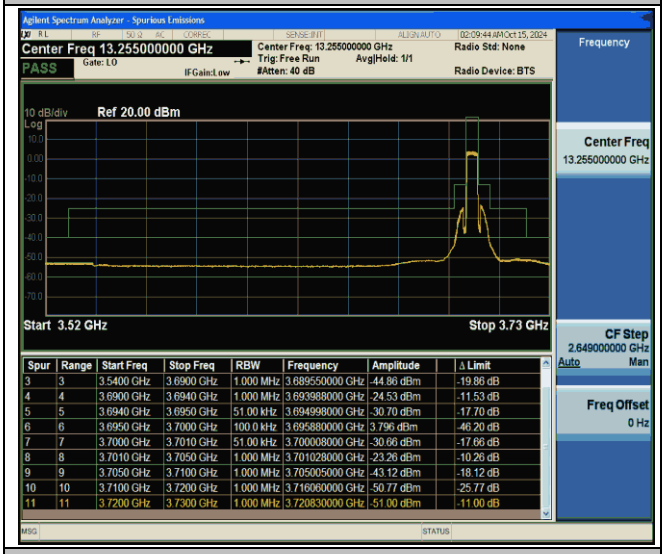
Band48-5MHz-QPSK-55265-25RB#0-PASS



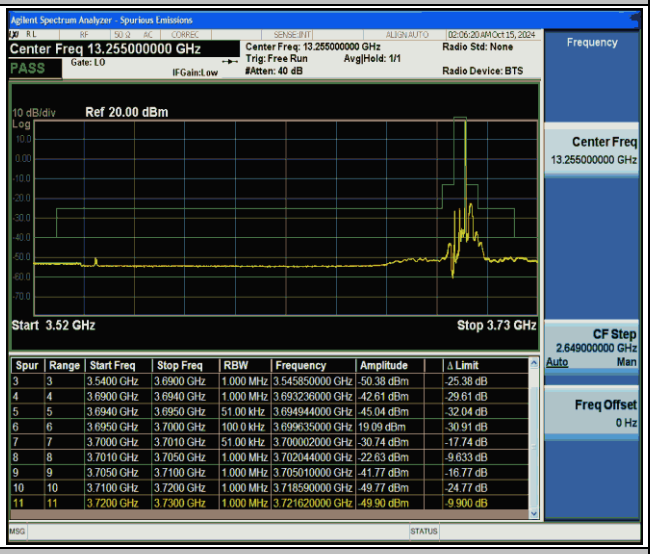
Band48-5MHz-QPSK-55265-1RB#24-PASS



Band48-5MHz-QPSK-56715-1RB#0-PASS



Band48-5MHz-QPSK-56715-25RB#0-PASS



Band48-5MHz-QPSK-56715-1RB#24-PASS

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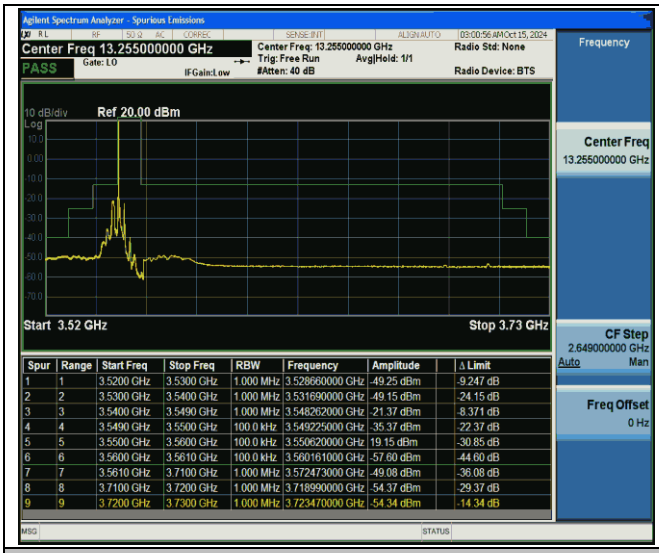
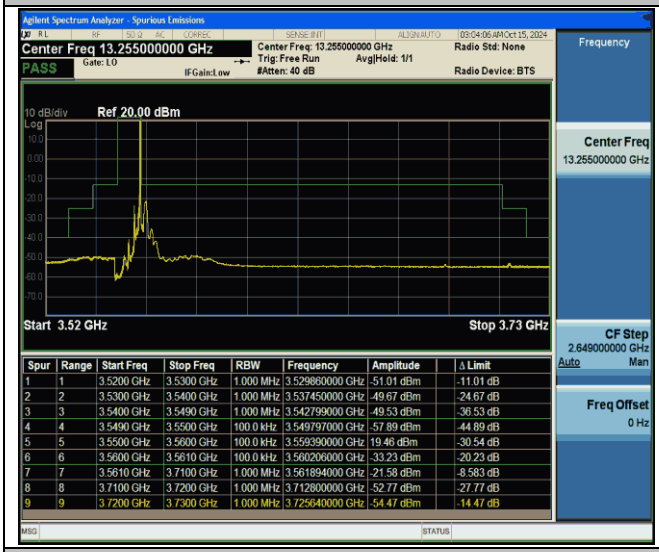


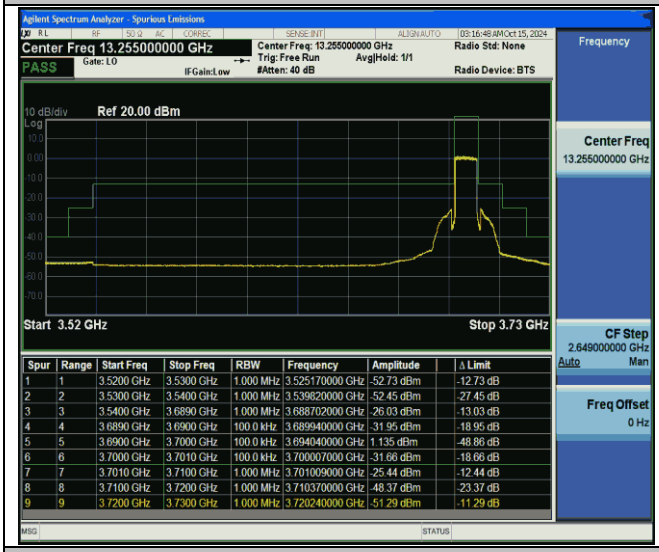
Band48-10MHz-QPSK-55290-1RB#0-PASS

Band48-10MHz-QPSK-55290-50RB#0-PASS



Band48-10MHz-QPSK-55290-1RB#49-PASS

Band48-10MHz-QPSK-56690-1RB#0-PASS



Band48-10MHz-QPSK-56690-50RB#0-PASS

Band48-10MHz-QPSK-56690-1RB#49-PASS

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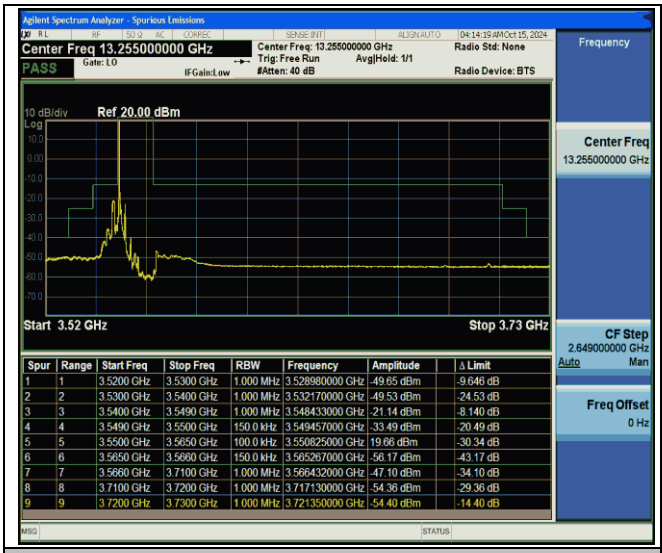
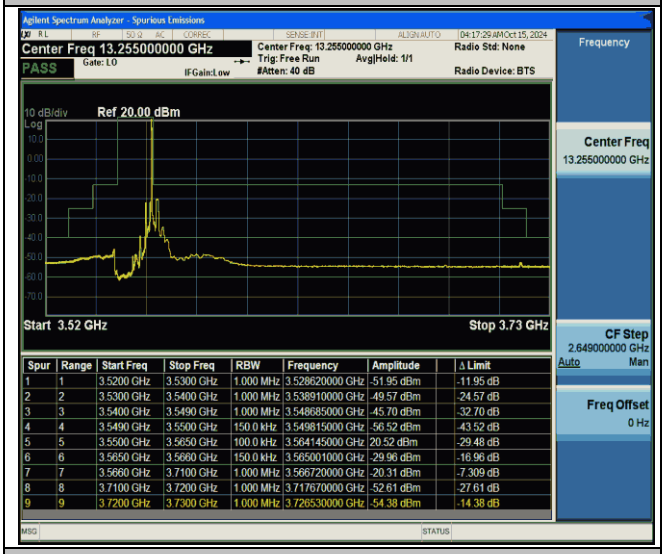


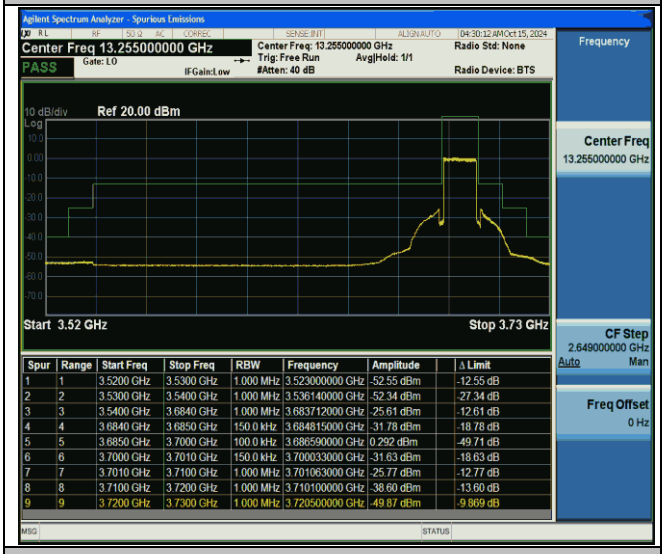
Band48-15MHz-QPSK-55315-1RB#0-PASS

Band48-15MHz-QPSK-55315-75RB#0-PASS

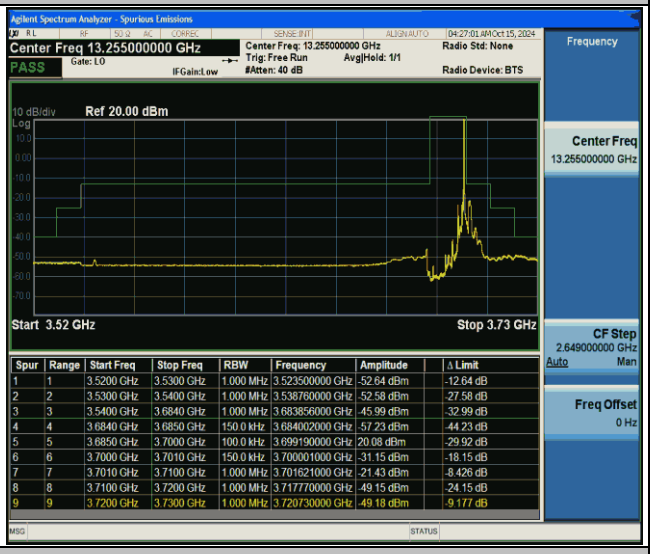


Band48-15MHz-QPSK-55315-1RB#74-PASS

Band48-15MHz-QPSK-56665-1RB#0-PASS



Band48-15MHz-QPSK-56665-75RB#0-PASS



Band48-15MHz-QPSK-56665-1RB#74-PASS

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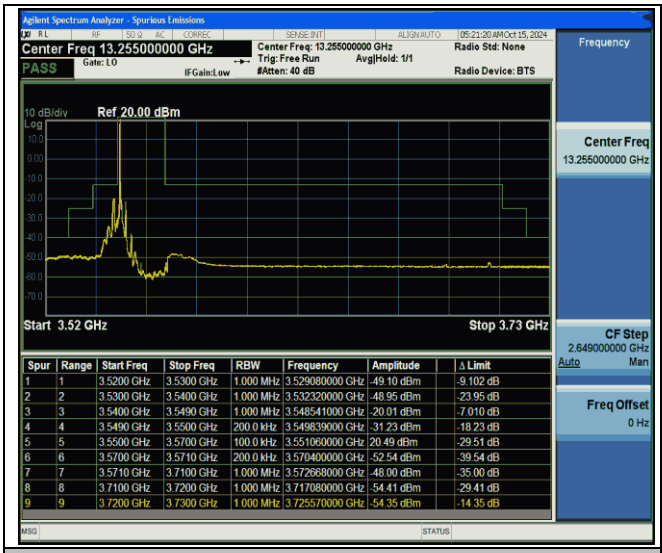
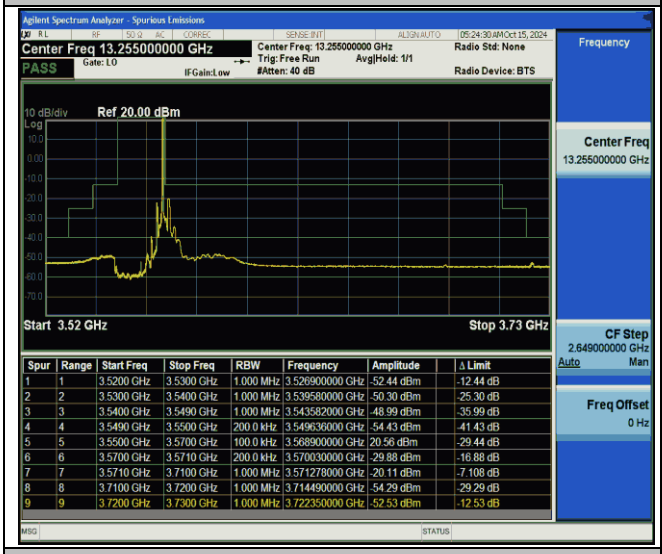


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.529080000 GHz	-49.10 dBm	-9.102 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.532320000 GHz	-48.95 dBm	-23.95 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.548541000 GHz	-20.01 dBm	-7.010 dB
4	4	3.5490 GHz	3.5500 GHz	200.0 kHz	3.549839000 GHz	-31.23 dBm	-18.23 dB
5	5	3.5500 GHz	3.5700 GHz	100.0 kHz	3.551060000 GHz	20.49 dBm	-29.51 dB
6	6	3.5700 GHz	3.5710 GHz	200.0 kHz	3.570400000 GHz	-52.54 dBm	-39.54 dB
7	7	3.5710 GHz	3.7100 GHz	1.000 MHz	3.572668000 GHz	-48.00 dBm	-35.00 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.717080000 GHz	-54.41 dBm	-29.41 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.725570000 GHz	-54.35 dBm	-14.35 dB

Band48-20MHz-QPSK-55340-1RB#0-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.528940000 GHz	-50.09 dBm	-10.09 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.539980000 GHz	-37.07 dBm	-12.07 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.548766000 GHz	-27.16 dBm	-14.16 dB
4	4	3.5490 GHz	3.5500 GHz	200.0 kHz	3.549994000 GHz	-31.72 dBm	-18.72 dB
5	5	3.5500 GHz	3.5700 GHz	100.0 kHz	3.557420000 GHz	-0.741 dBm	-50.74 dB
6	6	3.5700 GHz	3.5710 GHz	200.0 kHz	3.570302000 GHz	-32.13 dBm	-19.13 dB
7	7	3.5710 GHz	3.7100 GHz	1.000 MHz	3.571278000 GHz	-27.34 dBm	-14.34 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.717280000 GHz	-54.25 dBm	-29.25 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720400000 GHz	-54.35 dBm	-14.35 dB

Band48-20MHz-QPSK-55340-100RB#0-PASS



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.526900000 GHz	-52.44 dBm	-12.44 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.539580000 GHz	-50.30 dBm	-25.30 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.543582000 GHz	-48.99 dBm	-35.99 dB
4	4	3.5490 GHz	3.5500 GHz	200.0 kHz	3.549636000 GHz	-54.43 dBm	-41.43 dB
5	5	3.5500 GHz	3.5700 GHz	100.0 kHz	3.568900000 GHz	20.56 dBm	-29.44 dB
6	6	3.5700 GHz	3.5710 GHz	200.0 kHz	3.570030000 GHz	-29.88 dBm	-16.88 dB
7	7	3.5710 GHz	3.7100 GHz	1.000 MHz	3.571278000 GHz	-20.11 dBm	-7.108 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.714490000 GHz	-54.29 dBm	-29.29 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.722350000 GHz	-52.53 dBm	-12.53 dB

Band48-20MHz-QPSK-55340-1RB#99-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.527750000 GHz	-50.48 dBm	-10.48 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.531450000 GHz	-52.67 dBm	-27.67 dB
3	3	3.5400 GHz	3.6790 GHz	1.000 MHz	3.678722000 GHz	-20.71 dBm	-7.711 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679690000 GHz	-30.86 dBm	-17.86 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.681060000 GHz	20.51 dBm	-29.49 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700410000 GHz	-54.13 dBm	-41.13 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.702899000 GHz	-48.92 dBm	-35.92 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710310000 GHz	-50.57 dBm	-25.57 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720600000 GHz	-53.88 dBm	-13.88 dB

Band48-20MHz-QPSK-56640-1RB#0-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.528360000 GHz	-52.69 dBm	-12.69 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.531230000 GHz	-52.61 dBm	-27.61 dB
3	3	3.5400 GHz	3.6790 GHz	1.000 MHz	3.677610000 GHz	-27.54 dBm	-14.54 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679551000 GHz	-30.83 dBm	-17.83 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.681160000 GHz	-1.021 dBm	-51.02 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700070000 GHz	-31.61 dBm	-18.61 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701234000 GHz	-26.02 dBm	-13.02 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710340000 GHz	-35.84 dBm	-10.84 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.721060000 GHz	-50.66 dBm	-10.66 dB

Band48-20MHz-QPSK-56640-100RB#0-PASS

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.526430000 GHz	-52.61 dBm	-12.61 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.535440000 GHz	-52.74 dBm	-27.74 dB
3	3	3.5400 GHz	3.6790 GHz	1.000 MHz	3.673579000 GHz	-49.49 dBm	-36.49 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679598000 GHz	-55.13 dBm	-42.13 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.698900000 GHz	20.09 dBm	-29.91 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700072000 GHz	-30.49 dBm	-17.49 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701153000 GHz	-21.38 dBm	-8.383 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.717970000 GHz	-49.15 dBm	-24.15 dB
9	9	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720650000 GHz	-49.18 dBm	-9.177 dB

Band48-20MHz-QPSK-56640-1RB#99-PASS

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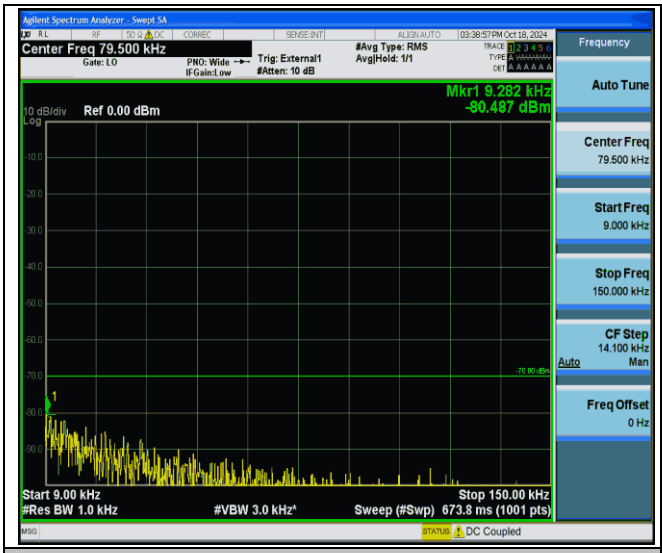
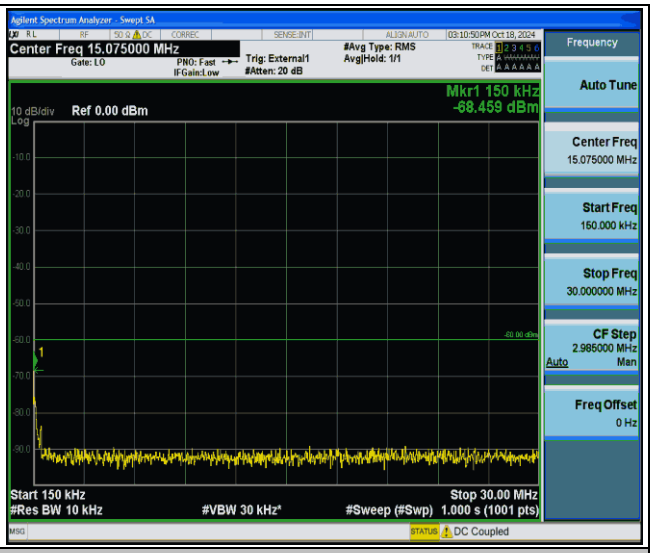
Conducted Spurious Emission

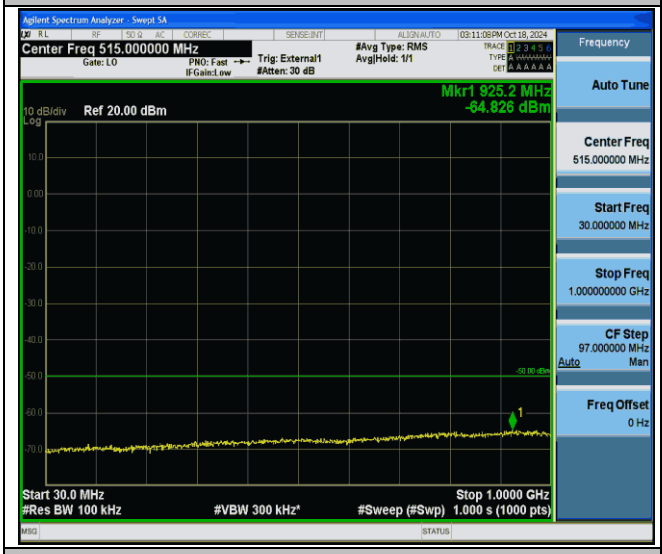
Test Graphs



Band48-20MHz-QPSK-55340-1RB#0-0.009~0.15-PASS



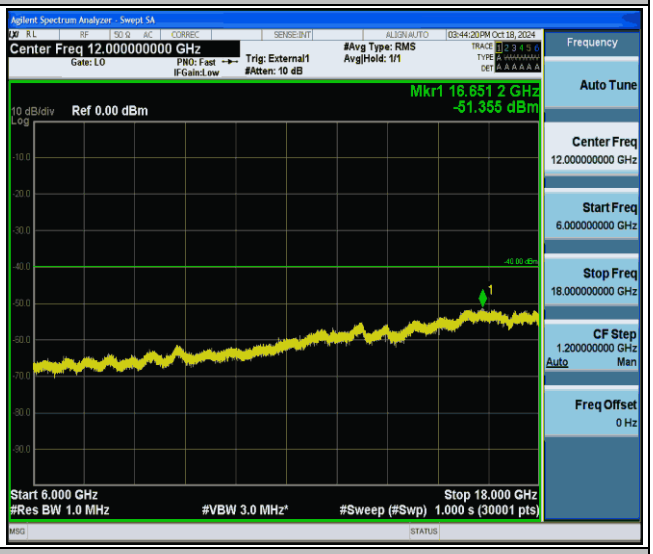
Band48-20MHz-QPSK-55340-1RB#0-0.15~30-PASS



Band48-20MHz-QPSK-55340-1RB#0-30~1000-PASS

Band48-20MHz-QPSK-55340-1RB#0-1000~3000-PASS

Band48-20MHz-QPSK-55340-1RB#0-3000~6000-PASS



Band48-20MHz-QPSK-55340-1RB#0-6000~18000-PASS

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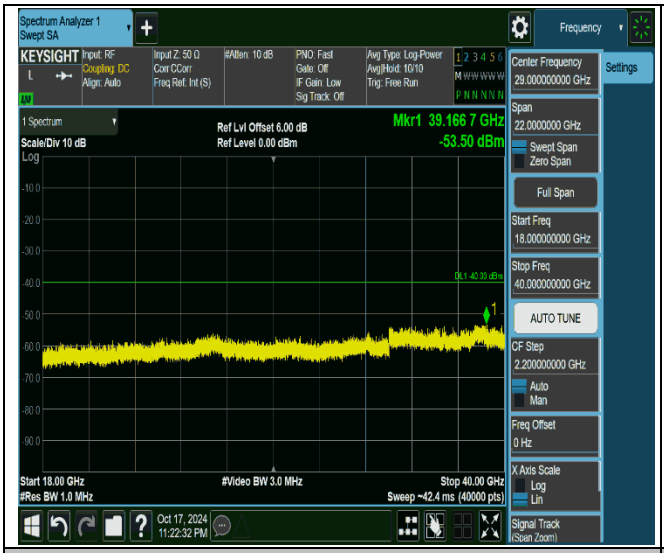
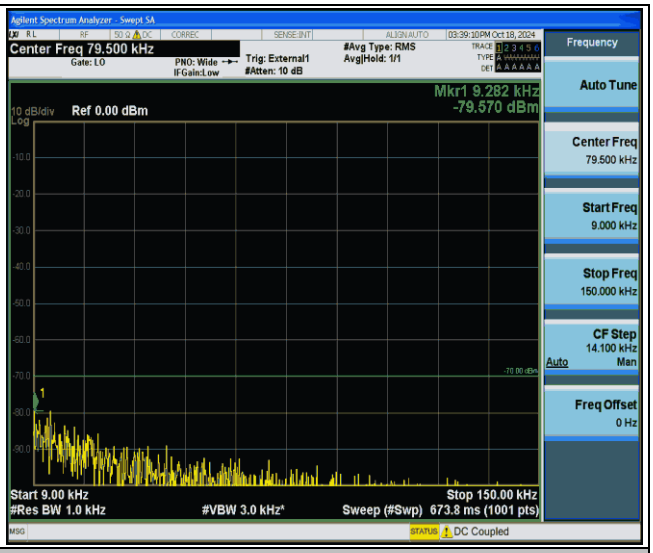
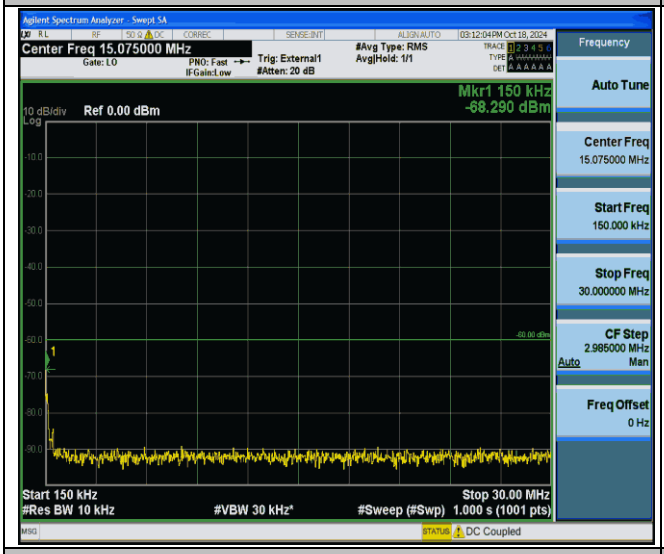


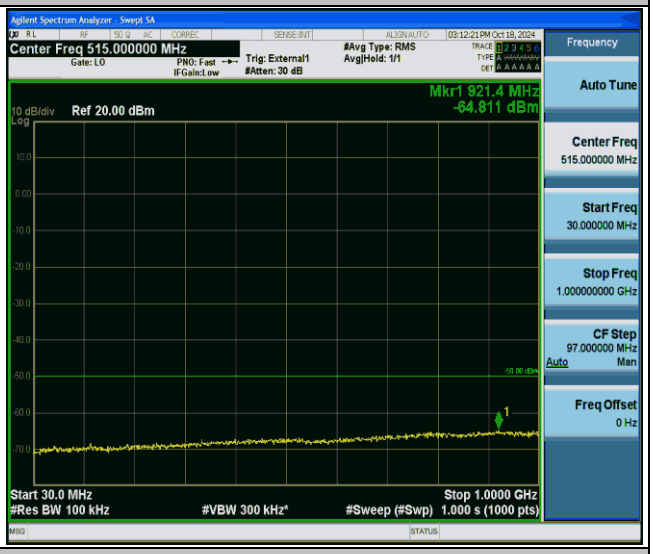
Band48-20MHz-QPSK-55340-1RB#0-18000~40000-PASS



Band48-20MHz-QPSK-55990-1RB#0-0.009~0.15-PASS

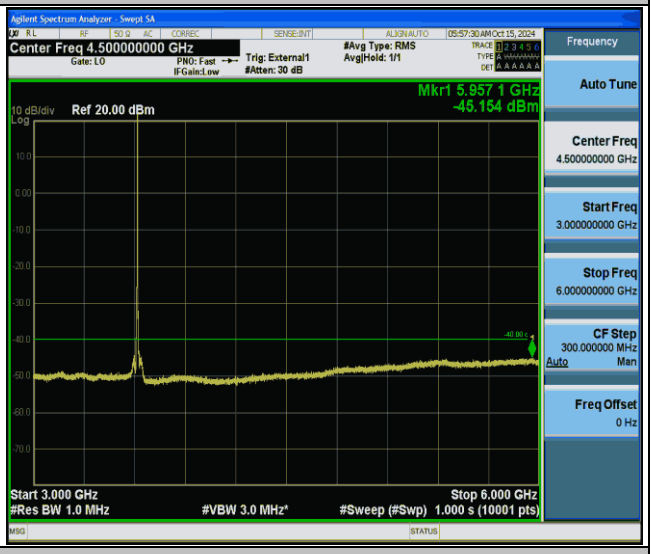


Band48-20MHz-QPSK-55990-1RB#0-0.15~30-PASS



Band48-20MHz-QPSK-55990-1RB#0-30~1000-PASS

Band48-20MHz-QPSK-55990-1RB#0-1000~3000-PASS



Band48-20MHz-QPSK-55990-1RB#0-3000~6000-PASS

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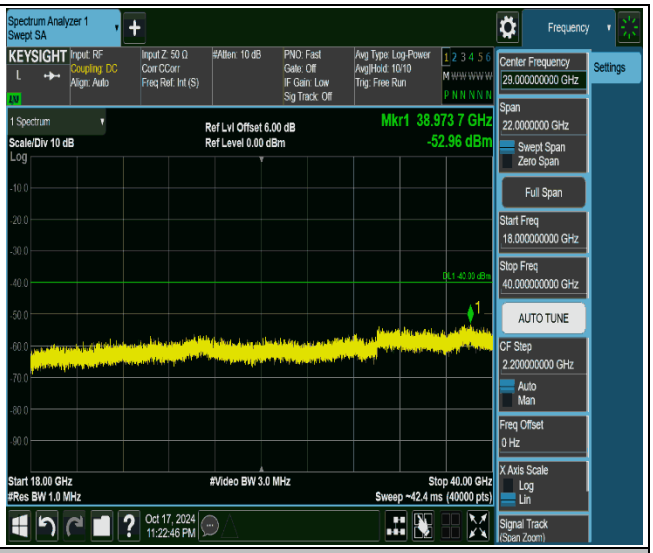
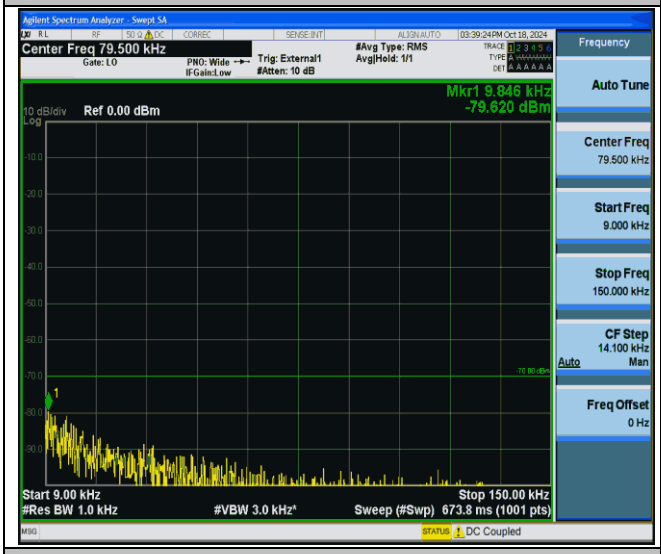
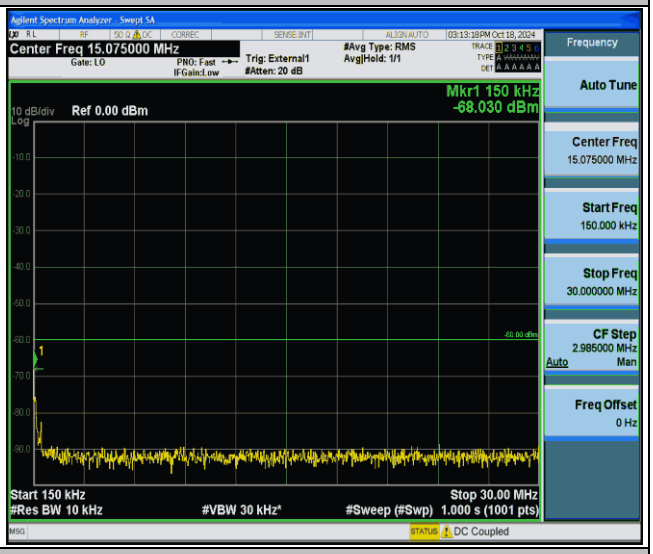
Band48-20MHz-QPSK-55990-1RB#0-6000~18000-PASS



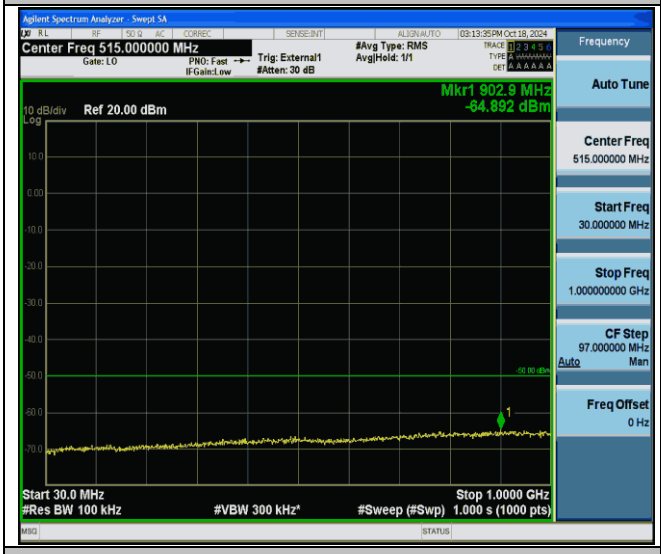
Band48-20MHz-QPSK-55990-1RB#0-18000~40000-PASS



Band48-20MHz-QPSK-56640-1RB#0-0.009~0.15-PASS



Band48-20MHz-QPSK-56640-1RB#0-0.15~30-PASS



Band48-20MHz-QPSK-56640-1RB#0-30~1000-PASS

Band48-20MHz-QPSK-56640-1RB#0-1000~3000-PASS

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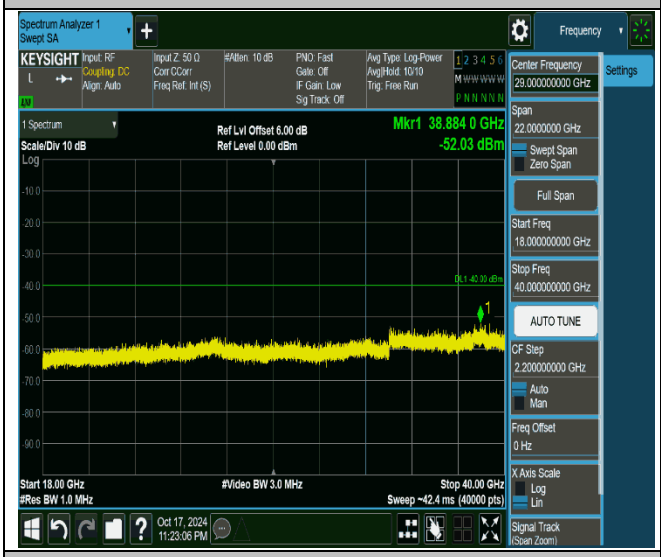
Band48-20MHz-QPSK-56640-1RB#0-3000~6000-PASS

Band48-20MHz-QPSK-56640-1RB#0-6000~18000-PASS



Band48-20MHz-QPSK-56640-1RB#0-18000~40000-PASS

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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	VN	NT	2.40	0.000662	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	2.80	0.000772	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	3.10	0.000855	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	3.50	0.000966	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	4.70	0.001297	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	4.30	0.001186	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	2.00	0.000552	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	2.80	0.000772	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	0.80	0.000221	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	1.80	0.000497	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	2.70	0.000745	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	4.90	0.001352	PASS

~The End~

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