Appendix-A LTE Band 48

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8 Main:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	17.52	22.12	PASS
Band48	5MHz	QPSK	55265	1RB#12	17.58	22.18	PASS
Band48	5MHz	QPSK	55265	1RB#24	17.47	22.07	PASS
Band48	5MHz	16QAM	55265	1RB#0	17.32	21.92	PASS
Band48	5MHz	16QAM	55265	1RB#12	17.17	21.77	PASS
Band48	5MHz	16QAM	55265	1RB#24	17.09	21.69	PASS
Band48	5MHz	64QAM	55265	1RB#0	15.72	20.32	PASS
Band48	5MHz	64QAM	55265	1RB#12	16.14	20.74	PASS
Band48	5MHz	64QAM	55265	1RB#24	15.84	20.44	PASS
Band48	5MHz	256QAM	55265	1RB#0	12.76	17.36	PASS
Band48	5MHz	256QAM	55265	1RB#12	13.15	17.75	PASS
Band48	5MHz	256QAM	55265	1RB#24	12.59	17.19	PASS
Band48	5MHz	QPSK	55990	1RB#0	17.41	22.01	PASS
Band48	5MHz	QPSK	55990	1RB#12	17.47	22.07	PASS
Band48	5MHz	QPSK	55990	1RB#24	17.45	22.05	PASS
Band48	5MHz	16QAM	55990	1RB#0	16.86	21.46	PASS
Band48	5MHz	16QAM	55990	1RB#12	16.96	21.56	PASS
Band48	5MHz	16QAM	55990	1RB#24	17.07	21.67	PASS
Band48	5MHz	64QAM	55990	1RB#0	15.88	20.48	PASS
Band48	5MHz	64QAM	55990	1RB#12	16.04	20.64	PASS
Band48	5MHz	64QAM	55990	1RB#24	15.83	20.43	PASS
Band48	5MHz	256QAM	55990	1RB#0	12.25	16.85	PASS
Band48	5MHz	256QAM	55990	1RB#12	12.66	17.26	PASS
Band48	5MHz	256QAM	55990	1RB#24	12.7	17.3	PASS
Band48	5MHz	QPSK	56715	1RB#0	17.05	21.65	PASS
Band48	5MHz	QPSK	56715	1RB#12	17.10	21.7	PASS
Band48	5MHz	QPSK	56715	1RB#24	17.04	21.64	PASS
Band48	5MHz	64QAM	56715	1RB#12	15.56	20.16	PASS
Band48	5MHz	64QAM	56715	1RB#24	15.41	20.01	PASS
Band48	5MHz	256QAM	56715	1RB#0	12.3	16.9	PASS
Band48	5MHz	256QAM	56715	1RB#12	12.35	16.95	PASS
Band48	5MHz	256QAM	56715	1RB#24	12.19	16.79	PASS
Band48	5MHz	64QAM	56715	1RB#12	15.56	20.16	PASS
Band48	5MHz	64QAM	56715	1RB#24	15.41	20.01	PASS
Band48	5MHz	256QAM	56715	1RB#0	12.3	16.9	PASS

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Band48	5MHz	256QAM	56715	1RB#12	12.35	16.95	PASS
Band48	10MHz	QPSK	55290	1RB#0	17.50	22.1	PASS
Band48	10MHz	QPSK	55290	1RB#24	17.57	22.17	PASS
Band48	10MHz	QPSK	55290	1RB#49	17.45	22.05	PASS
Band48	10MHz	16QAM	55290	1RB#0	16.84	21.44	PASS
Band48	10MHz	16QAM	55290	1RB#24	17.26	21.86	PASS
Band48	10MHz	16QAM	55290	1RB#49	17.01	21.61	PASS
Band48	10MHz	64QAM	55290	1RB#0	16.23	20.83	PASS
Band48	10MHz	64QAM	55290	1RB#24	16.17	20.77	PASS
Band48	10MHz	64QAM	55290	1RB#49	16.03	20.63	PASS
Band48	10MHz	256QAM	55290	1RB#0	12.86	17.46	PASS
Band48	10MHz	256QAM	55290	1RB#24	12.79	17.39	PASS
Band48	10MHz	256QAM	55290	1RB#49	12.88	17.48	PASS
Band48	10MHz	QPSK	55990	1RB#0	17.41	22.01	PASS
Band48	10MHz	QPSK	55990	1RB#24	17.49	22.09	PASS
Band48	10MHz	QPSK	55990	1RB#49	17.49	22.09	PASS
Band48	10MHz	16QAM	55990	1RB#0	17.01	21.61	PASS
Band48	10MHz	16QAM	55990	1RB#24	17.04	21.64	PASS
Band48	10MHz	16QAM	55990	1RB#49	17.13	21.73	PASS
Band48	10MHz	64QAM	55990	1RB#0	15.89	20.49	PASS
Band48	10MHz	64QAM	55990	1RB#24	16.01	20.61	PASS
Band48	10MHz	64QAM	55990	1RB#49	15.96	20.56	PASS
Band48	10MHz	256QAM	55990	1RB#0	12.19	16.79	PASS
Band48	10MHz	256QAM	55990	1RB#24	12.8	17.4	PASS
Band48	10MHz	256QAM	55990	1RB#49	13.04	17.64	PASS
Band48	10MHz	QPSK	56690	1RB#0	17.13	21.73	PASS
Band48	10MHz	QPSK	56690	1RB#24	17.14	21.74	PASS
Band48	10MHz	QPSK	56690	1RB#49	17.11	21.71	PASS
Band48	10MHz	16QAM	56690	1RB#0	16.43	21.03	PASS
Band48	10MHz	16QAM	56690	1RB#24	16.3	20.9	PASS
Band48	10MHz	16QAM	56690	1RB#49	16.58	21.18	PASS
Band48	10MHz	64QAM	56690	1RB#0	15.51	20.11	PASS
Band48	10MHz	64QAM	56690	1RB#24	15.53	20.13	PASS
Band48	10MHz	64QAM	56690	1RB#49	15.6	20.2	PASS
Band48	10MHz	256QAM	56690	1RB#0	12.32	16.92	PASS
Band48	10MHz	256QAM	56690	1RB#24	12.69	17.29	PASS
Band48	10MHz	256QAM	56690	1RB#49	12.52	17.12	PASS
Band48	15MHz	QPSK	55315	1RB#0	17.44	22.04	PASS
Band48	15MHz	QPSK	55315	1RB#38	17.46	22.06	PASS
Band48	15MHz	QPSK	55315	1RB#74	17.48	22.08	PASS
Band48	15MHz	16QAM	55315	1RB#0	16.89	21.49	PASS
Band48	15MHz	16QAM	55315	1RB#38	17.03	21.63	PASS
Band48	15MHz	16QAM	55315	1RB#74	16.79	21.39	PASS
Band48	15MHz	64QAM	55315	1RB#0	15.81	20.41	PASS
Band48	15MHz	64QAM	55315	1RB#38	15.98	20.58	PASS

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Band48	15MHz	64QAM	55315	1RB#74	15.79	20.39	PASS
Band48	15MHz	256QAM	55315	1RB#0	12.81	17.41	PASS
Band48	15MHz	256QAM	55315	1RB#38	13.11	17.71	PASS
Band48	15MHz	256QAM	55315	1RB#74	12.76	17.36	PASS
Band48	15MHz	QPSK	55990	1RB#0	17.32	21.92	PASS
Band48	15MHz	QPSK	55990	1RB#38	17.54	22.14	PASS
Band48	15MHz	QPSK	55990	1RB#74	17.60	22.2	PASS
Band48	15MHz	16QAM	55990	1RB#0	16.72	21.32	PASS
Band48	15MHz	16QAM	55990	1RB#38	17.28	21.88	PASS
Band48	15MHz	16QAM	55990	1RB#74	17.22	21.82	PASS
Band48	15MHz	64QAM	55990	1RB#0	15.92	20.52	PASS
Band48	15MHz	64QAM	55990	1RB#38	15.8	20.4	PASS
Band48	15MHz	64QAM	55990	1RB#74	15.81	20.41	PASS
Band48	15MHz	256QAM	55990	1RB#0	12.23	16.83	PASS
Band48	15MHz	256QAM	55990	1RB#38	12.88	17.48	PASS
Band48	15MHz	256QAM	55990	1RB#74	12.58	17.18	PASS
Band48	15MHz	QPSK	56665	1RB#0	17.19	21.79	PASS
Band48	15MHz	QPSK	56665	1RB#38	17.13	21.73	PASS
Band48	15MHz	QPSK	56665	1RB#74	17.15	21.75	PASS
Band48	15MHz	16QAM	56665	1RB#0	16.58	21.18	PASS
Band48	15MHz	16QAM	56665	1RB#38	16.58	21.18	PASS
Band48	15MHz	16QAM	56665	1RB#74	16.48	21.08	PASS
Band48	15MHz	64QAM	56665	1RB#0	15.7	20.3	PASS
Band48	15MHz	64QAM	56665	1RB#38	15.65	20.25	PASS
Band48	15MHz	64QAM	56665	1RB#74	15.43	20.03	PASS
Band48	15MHz	256QAM	56665	1RB#0	12.19	16.79	PASS
Band48	15MHz	256QAM	56665	1RB#38	12.36	16.96	PASS
Band48	15MHz	256QAM	56665	1RB#74	12.47	17.07	PASS
Band48	20MHz	QPSK	55340	1RB#0	17.48	22.08	PASS
Band48	20MHz	QPSK	55340	1RB#49	17.54	22.14	PASS
Band48	20MHz	QPSK	55340	1RB#99	17.42	22.02	PASS
Band48	20MHz	16QAM	55340	1RB#0	16.76	21.36	PASS
Band48	20MHz	16QAM	55340	1RB#49	16.95	21.55	PASS
Band48	20MHz	16QAM	55340	1RB#99	16.78	21.38	PASS
Band48	20MHz	64QAM	55340	1RB#0	15.89	20.49	PASS
Band48	20MHz	64QAM	55340	1RB#49	16.07	20.67	PASS
Band48	20MHz	64QAM	55340	1RB#99	15.81	20.41	PASS
Band48	20MHz	256QAM	55340	1RB#0	12.52	17.12	PASS
Band48	20MHz	256QAM	55340	1RB#49	12.4	17	PASS
Band48	20MHz	256QAM	55340	1RB#99	12.47	17.07	PASS
Band48	20MHz	QPSK	55990	1RB#0	17.43	22.03	PASS
Band48	20MHz	QPSK	55990	1RB#49	17.47	22.07	PASS
Band48	20MHz	QPSK	55990	1RB#99	17.55	22.15	PASS
Band48	20MHz	16QAM	55990	1RB#0	16.87	21.47	PASS
Band48	20MHz	16QAM	55990	1RB#49	16.97	21.57	PASS

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Band48	20MHz	16QAM	55990	1RB#99	17.06	21.66	PASS
Band48	20MHz	64QAM	55990	1RB#0	15.88	20.48	PASS
Band48	20MHz	64QAM	55990	1RB#49	15.68	20.28	PASS
Band48	20MHz	64QAM	55990	1RB#99	15.8	20.4	PASS
Band48	20MHz	256QAM	55990	1RB#0	12.3	16.9	PASS
Band48	20MHz	256QAM	55990	1RB#49	12.83	17.43	PASS
Band48	20MHz	256QAM	55990	1RB#99	12.88	17.48	PASS
Band48	20MHz	QPSK	56640	1RB#0	17.24	21.84	PASS
Band48	20MHz	QPSK	56640	1RB#49	17.30	21.9	PASS
Band48	20MHz	QPSK	56640	1RB#99	17.19	21.79	PASS
Band48	20MHz	16QAM	56640	1RB#0	16.8	21.4	PASS
Band48	20MHz	16QAM	56640	1RB#49	16.66	21.26	PASS
Band48	20MHz	16QAM	56640	1RB#99	16.7	21.3	PASS
Band48	20MHz	64QAM	56640	1RB#0	15.85	20.45	PASS
Band48	20MHz	64QAM	56640	1RB#49	15.76	20.36	PASS
Band48	20MHz	64QAM	56640	1RB#99	15.58	20.18	PASS
Band48	20MHz	256QAM	56640	1RB#0	12.18	16.78	PASS
Band48	20MHz	256QAM	56640	1RB#49	12.59	17.19	PASS
Band48	20MHz	256QAM	56640	1RB#99	12.42	17.02	PASS

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Maximum EIRP and Maximum PSD

Test Result

Ant8 Main:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	PSD Limit	Verdict
Band48	5MHz	QPSK	55265	1RB#0	17.84	22.44	23	N/A	PASS
Band48	5MHz	QPSK	55265	1RB#12	17.88	22.48	23	N/A	PASS
Band48	5MHz	QPSK	55265	1RB#24	17.87	22.47	23	N/A	PASS
Band48	5MHz	QPSK	55990	1RB#0	17.41	22.01	23	N/A	PASS
Band48	5MHz	QPSK	55990	1RB#12	17.32	21.92	23	N/A	PASS
Band48	5MHz	QPSK	55990	1RB#24	17.32	21.92	23	N/A	PASS
Band48	5MHz	QPSK	56715	1RB#0	16.86	21.46	23	N/A	PASS
Band48	5MHz	QPSK	56715	1RB#12	16.88	21.48	23	N/A	PASS
Band48	5MHz	QPSK	56715	1RB#24	16.75	21.35	23	N/A	PASS
Band48	10MHz	QPSK	55290	1RB#0	17.84	22.44	23	N/A	PASS
Band48	10MHz	QPSK	55290	1RB#24	17.96	22.56	23	N/A	PASS
Band48	10MHz	QPSK	55290	1RB#49	17.83	22.43	23	N/A	PASS
Band48	10MHz	QPSK	55990	1RB#0	17.42	22.02	23	N/A	PASS
Band48	10MHz	QPSK	55990	1RB#24	17.42	22.02	23	N/A	PASS
Band48	10MHz	QPSK	55990	1RB#49	17.35	21.95	23	N/A	PASS
Band48	10MHz	QPSK	56690	1RB#0	17.03	21.63	23	N/A	PASS
Band48	10MHz	QPSK	56690	1RB#24	16.95	21.55	23	N/A	PASS
Band48	10MHz	QPSK	56690	1RB#49	16.91	21.51	23	N/A	PASS
Band48	15MHz	QPSK	55315	1RB#0	17.88	22.48	23	N/A	PASS
Band48	15MHz	QPSK	55315	1RB#38	17.93	22.53	23	N/A	PASS
Band48	15MHz	QPSK	55315	1RB#74	17.82	22.42	23	N/A	PASS
Band48	15MHz	QPSK	55990	1RB#0	17.36	21.96	23	N/A	PASS
Band48	15MHz	QPSK	55990	1RB#38	17.52	22.12	23	N/A	PASS
Band48	15MHz	QPSK	55990	1RB#74	17.36	21.96	23	N/A	PASS
Band48	15MHz	QPSK	56665	1RB#0	17.16	21.76	23	N/A	PASS
Band48	15MHz	QPSK	56665	1RB#38	16.97	21.57	23	N/A	PASS
Band48	15MHz	QPSK	56665	1RB#74	16.93	21.53	23	N/A	PASS
Band48	20MHz	QPSK	55340	1RB#0	17.89	22.49	23	N/A	PASS
Band48	20MHz	QPSK	55340	1RB#49	17.96	22.56	23	N/A	PASS
Band48	20MHz	QPSK	55340	1RB#99	17.89	22.49	23	N/A	PASS
Band48	20MHz	QPSK	55990	1RB#0	17.37	21.97	23	N/A	PASS
Band48	20MHz	QPSK	55990	1RB#49	17.42	22.02	23	N/A	PASS
Band48	20MHz	QPSK	55990	1RB#99	17.36	21.96	23	N/A	PASS
Band48	20MHz	QPSK	56640	1RB#0	17.32	21.92	23	N/A	PASS
Band48	20MHz	QPSK	56640	1RB#49	17.05	21.65	23	N/A	PASS
Band48	20MHz	QPSK	56640	1RB#99	17.04	21.64	23	N/A	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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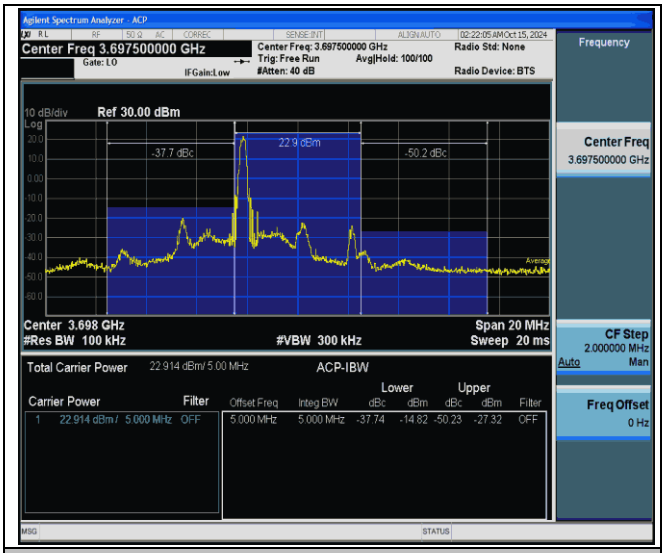

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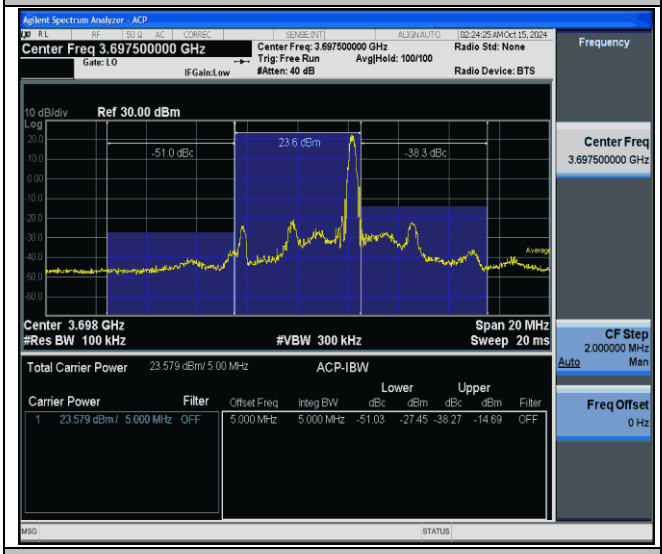
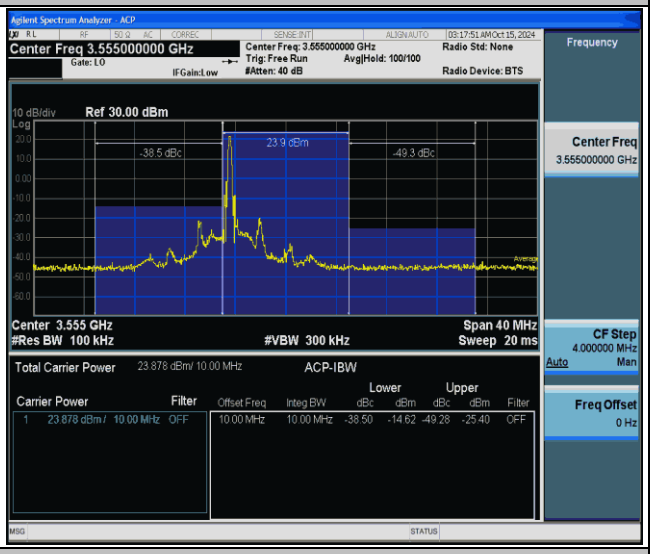
Band48-5MHz-QPSK-56715-25RB#0-PASS

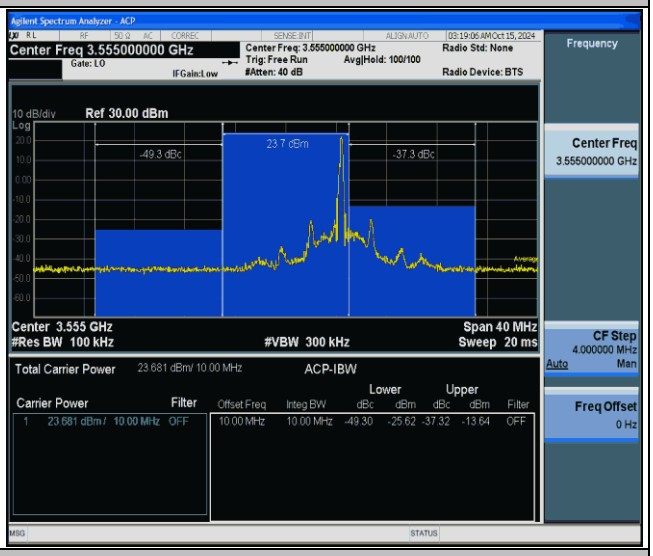


Band48-5MHz-QPSK-56715-1RB#24-PASS



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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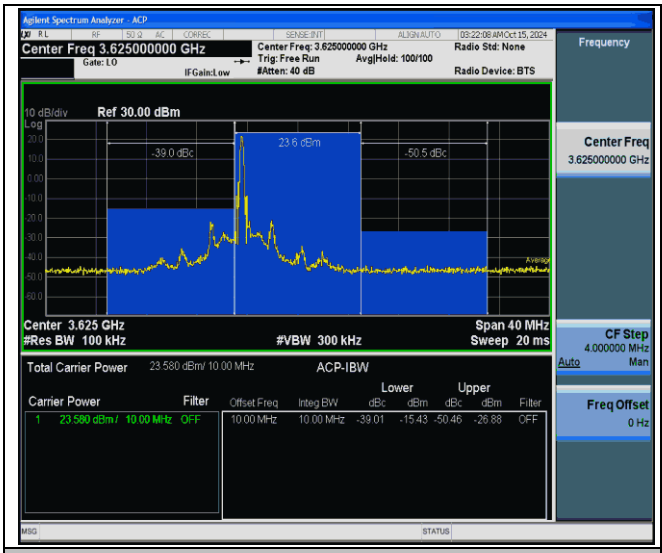
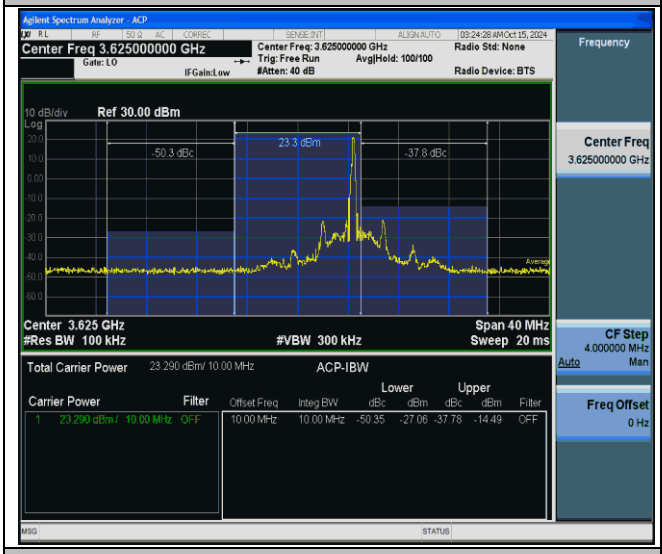


Band48-10MHz-QPSK-55990-1RB#0-PASS

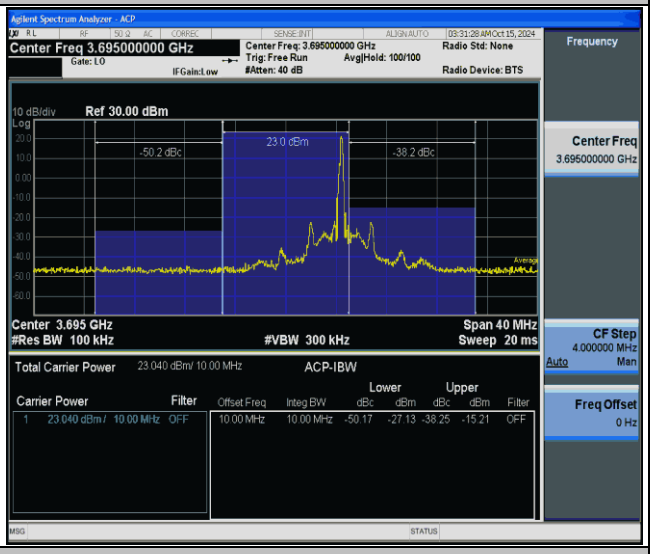
Band48-10MHz-QPSK-55990-50RB#0-PASS



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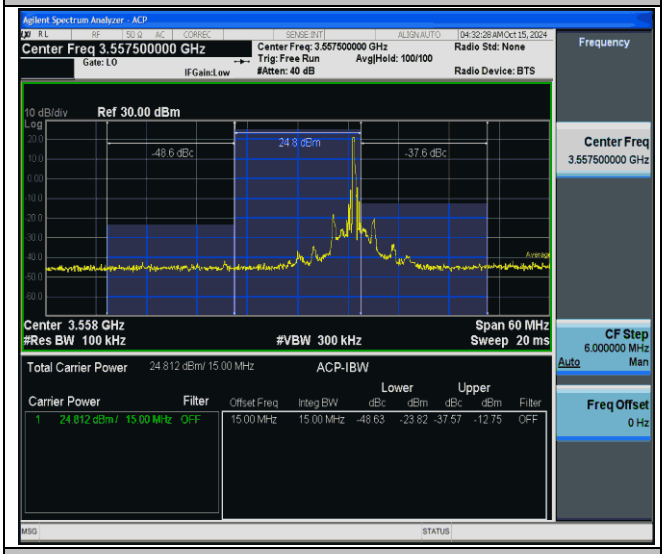
Band48-15MHz-QPSK-55315-1RB#0-PASS

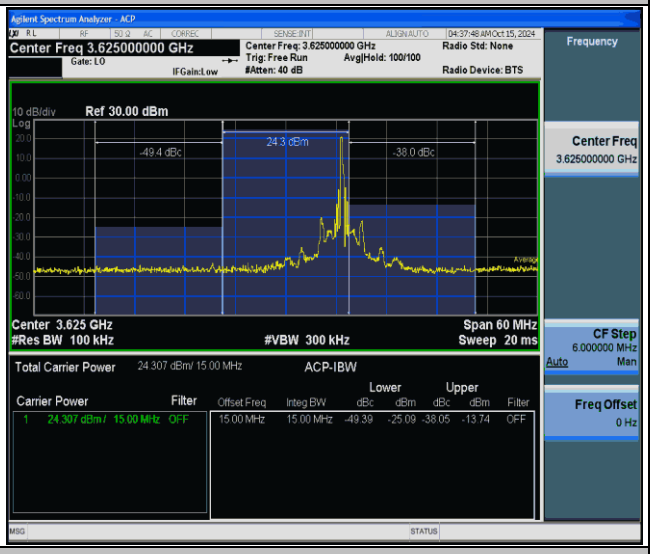
Band48-15MHz-QPSK-55315-75RB#0-PASS



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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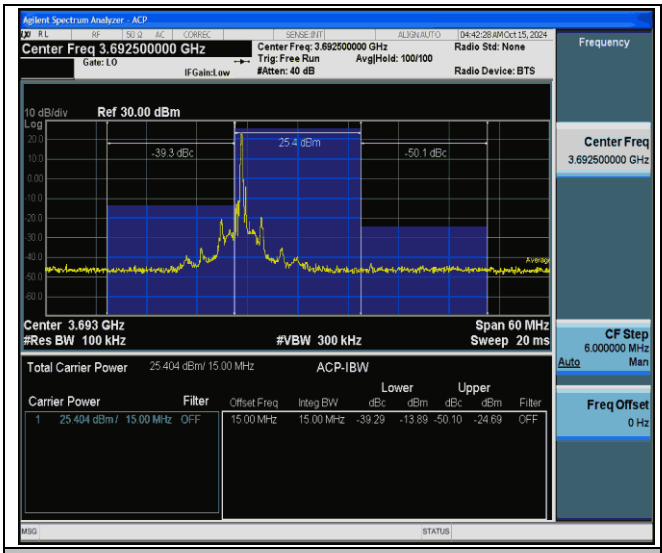
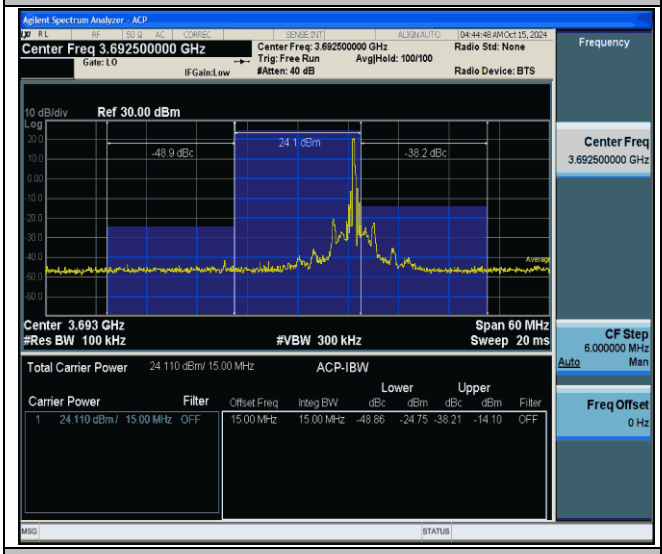


Band48-15MHz-QPSK-56665-1RB#0-PASS

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



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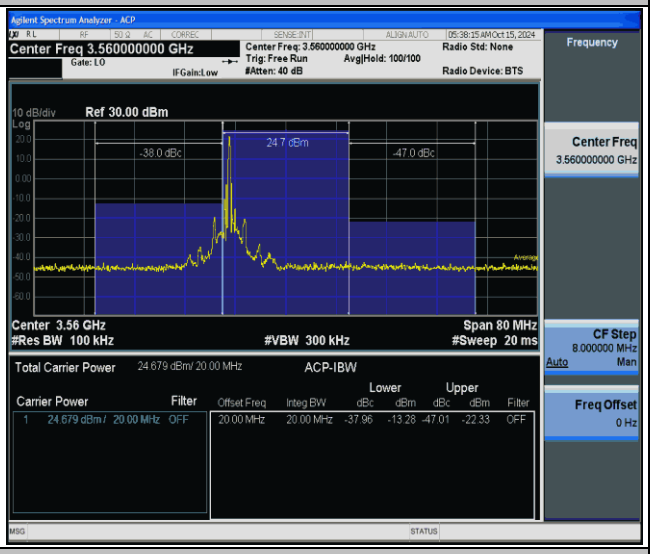
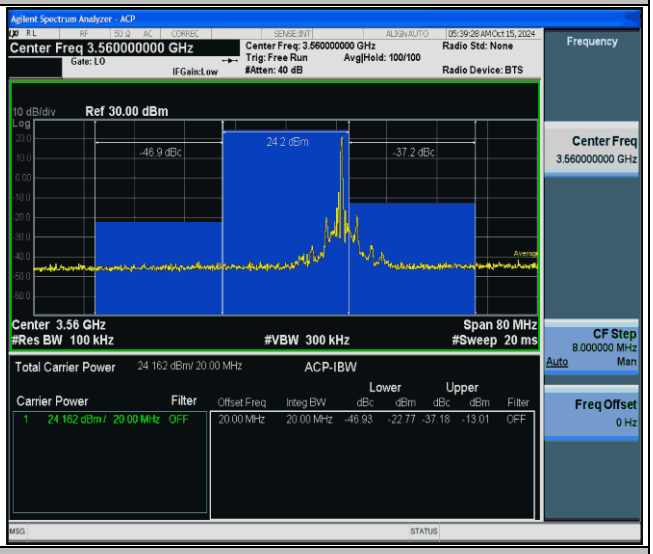


Band48-20MHz-QPSK-55340-1RB#0-PASS

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



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

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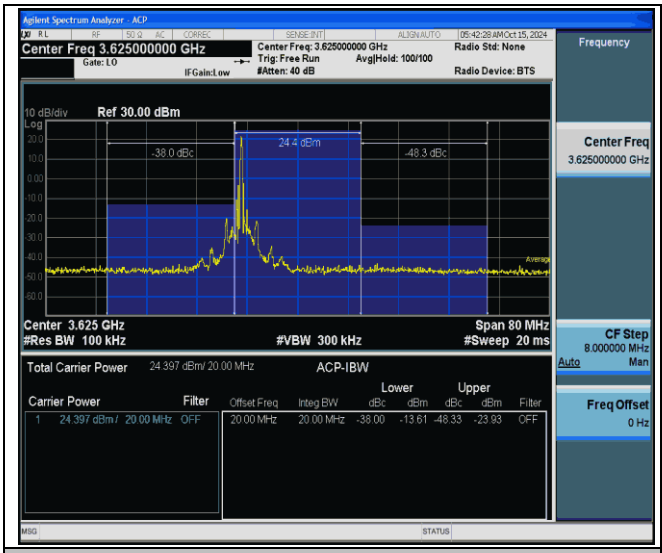
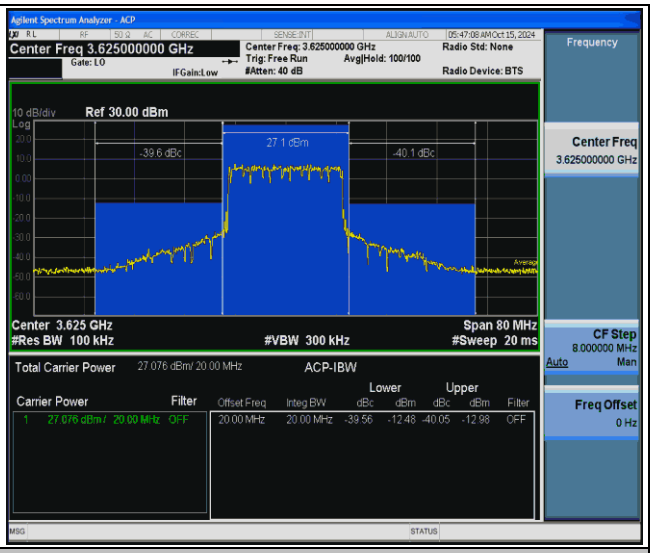
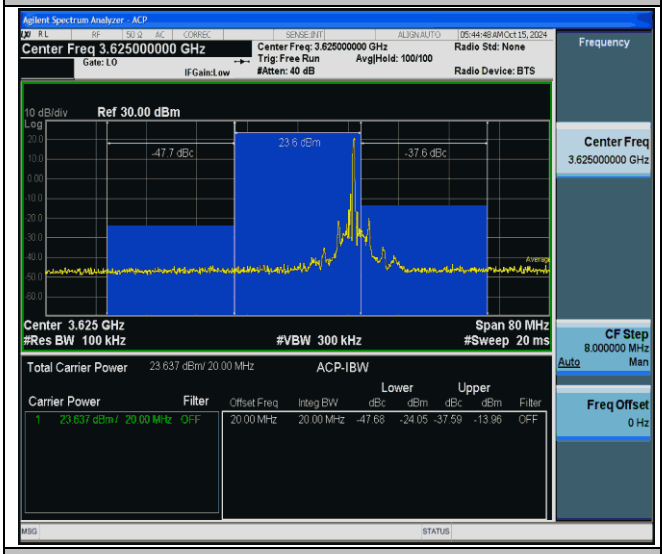


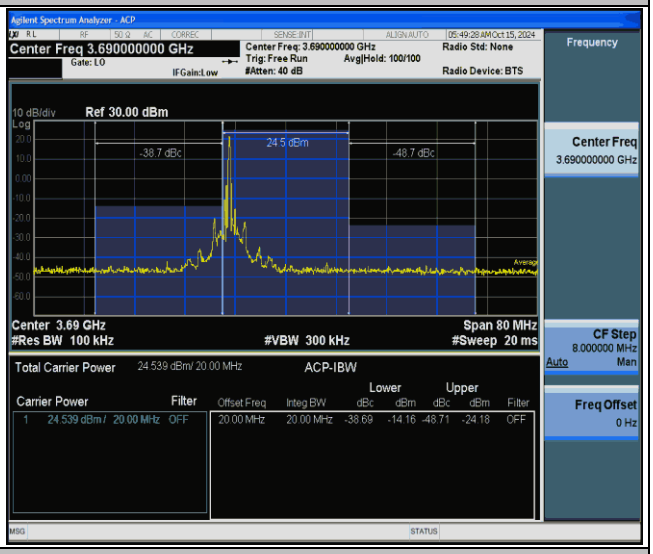
Band48-20MHz-QPSK-55990-1RB#0-PASS



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

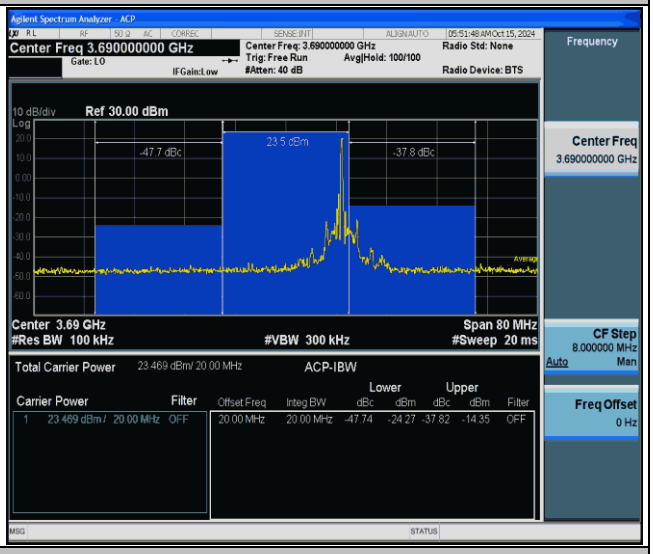


Band48-20MHz-QPSK-55990-1RB#99-PASS



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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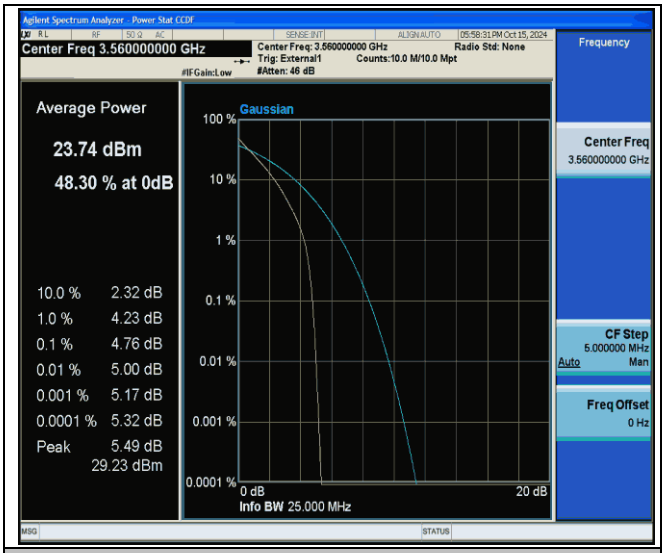
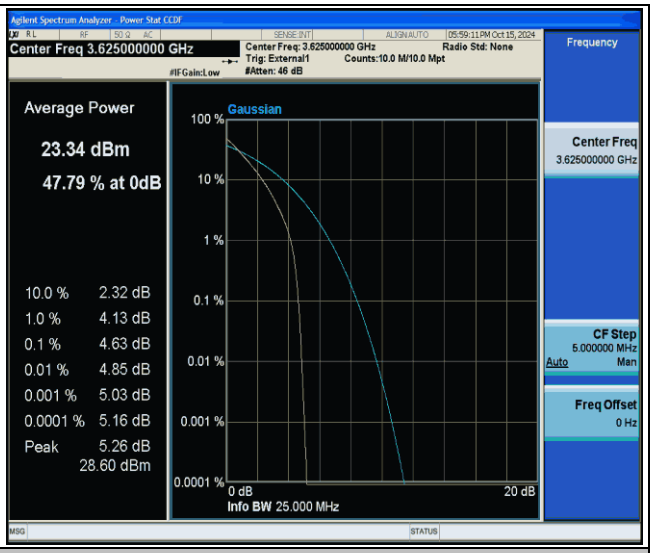
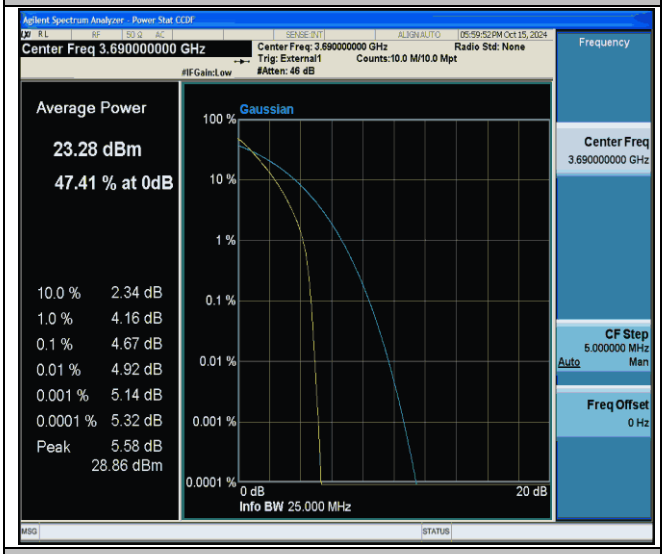
Test Graphs



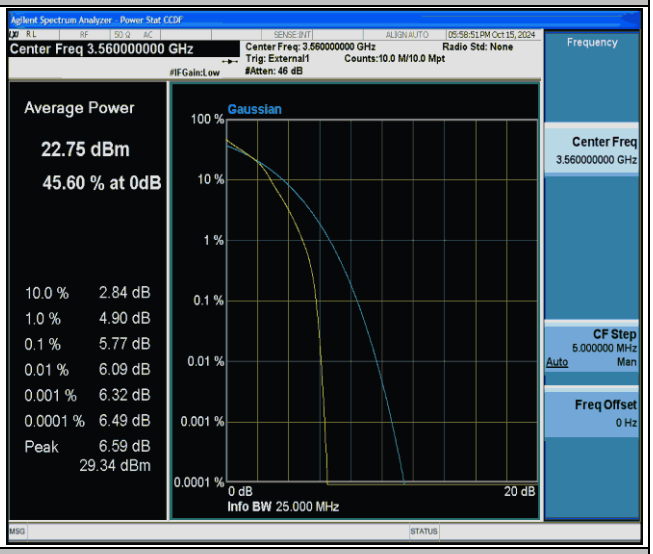
Band48-20MHz-QPSK-55340-100RB#0-PASS



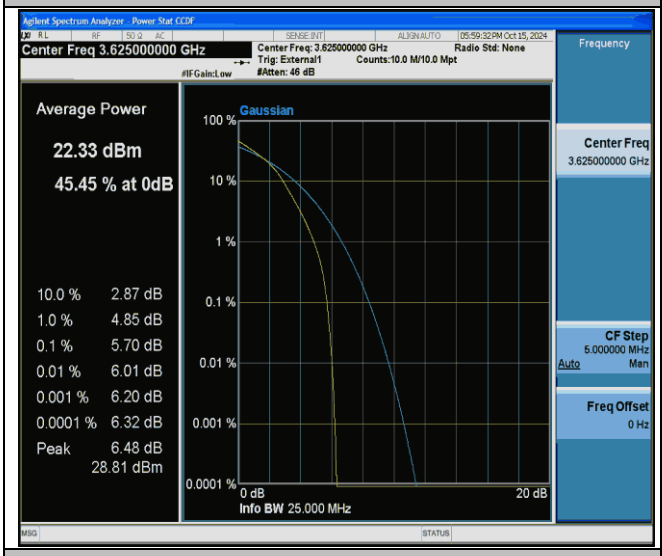
Band48-20MHz-QPSK-55990-100RB#0-PASS



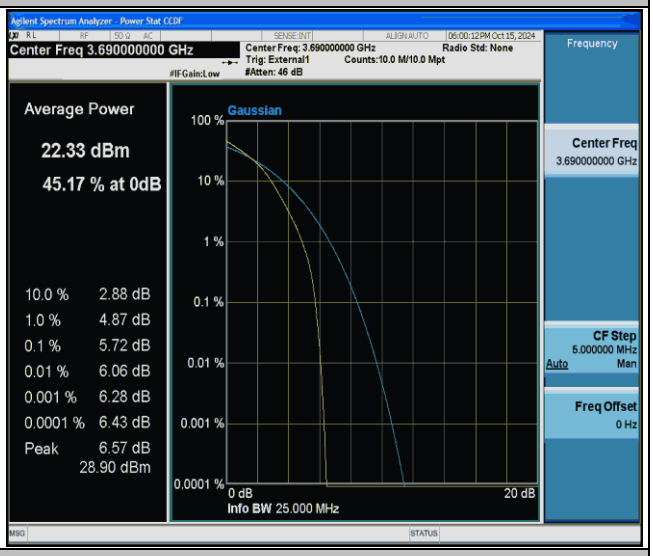
Band48-20MHz-QPSK-56640-100RB#0-PASS



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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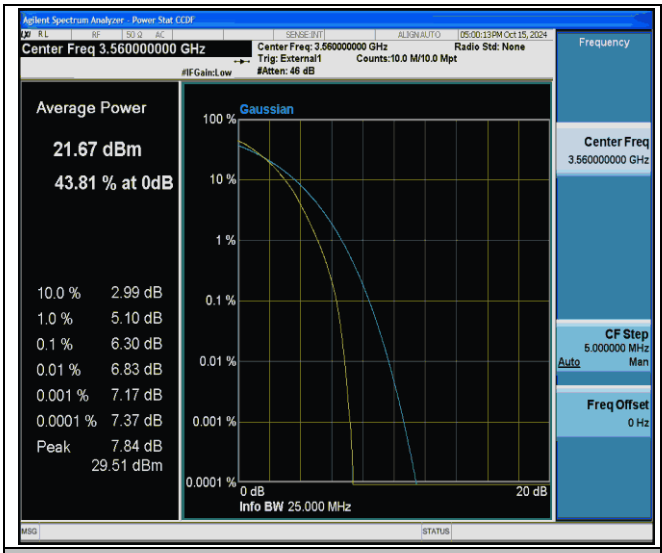
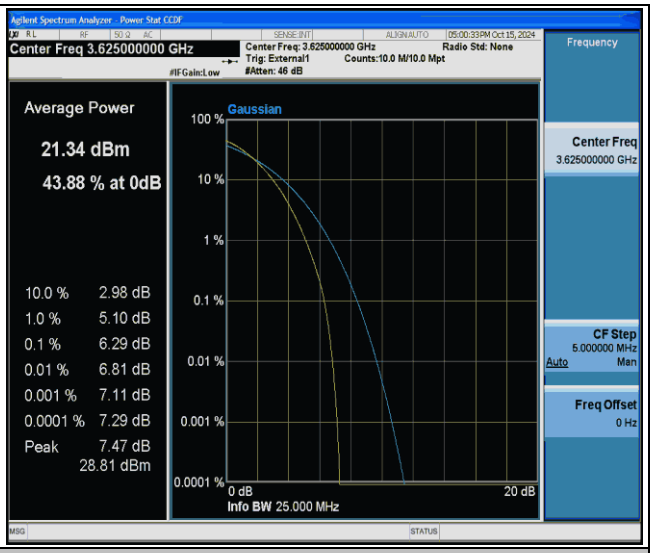
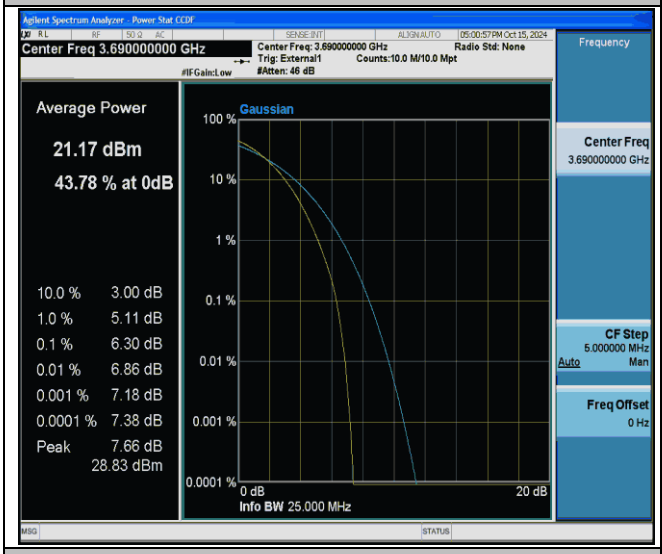


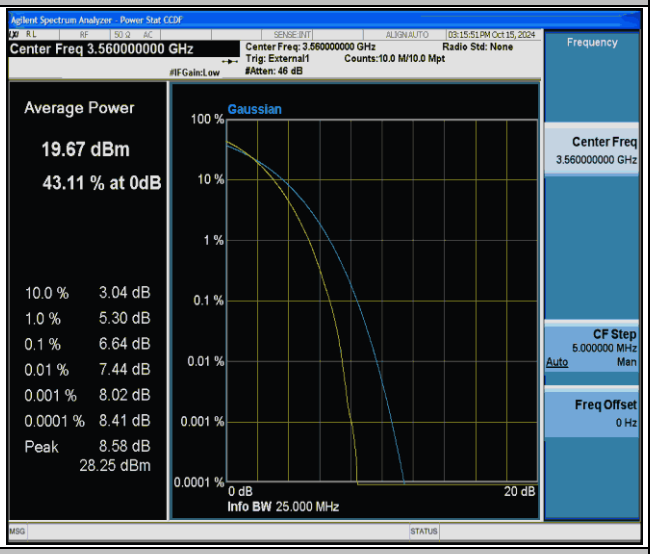
Band48-20MHz-64QAM-55340-100RB#0-PASS



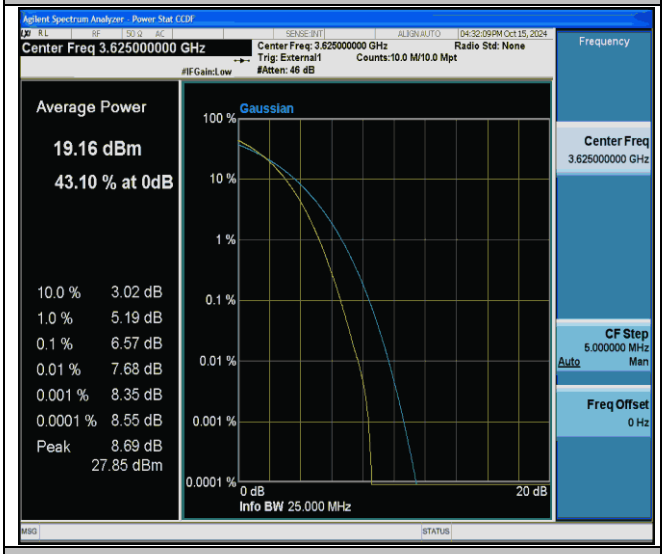
Band48-20MHz-64QAM-55990-100RB#0-PASS



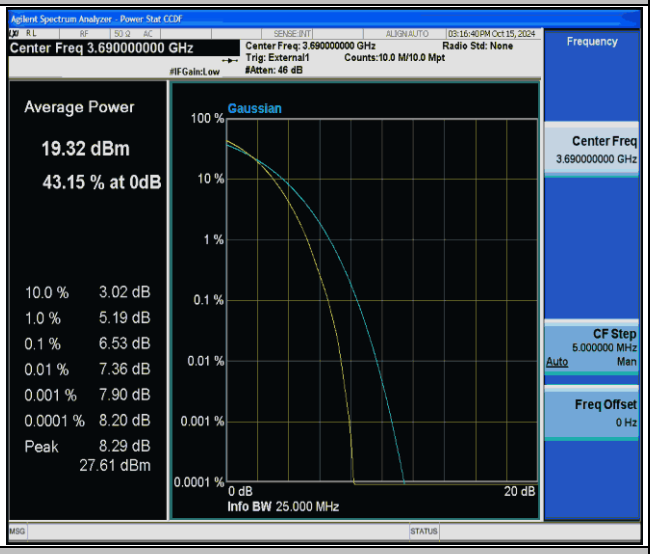
Band48-20MHz-64QAM-56640-100RB#0-PASS



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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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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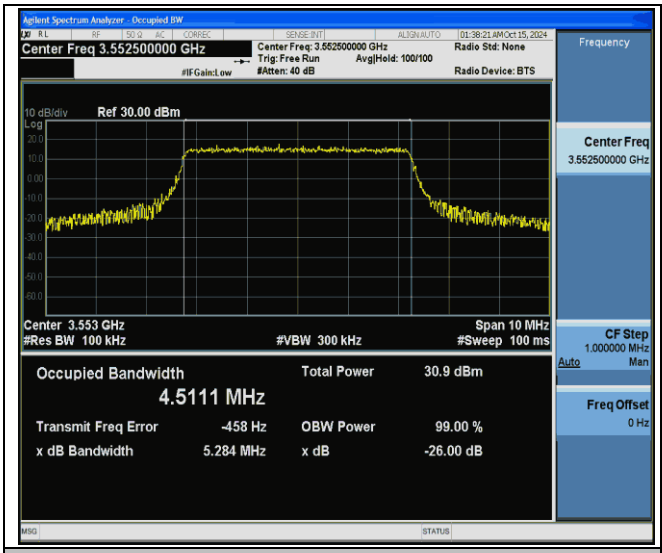
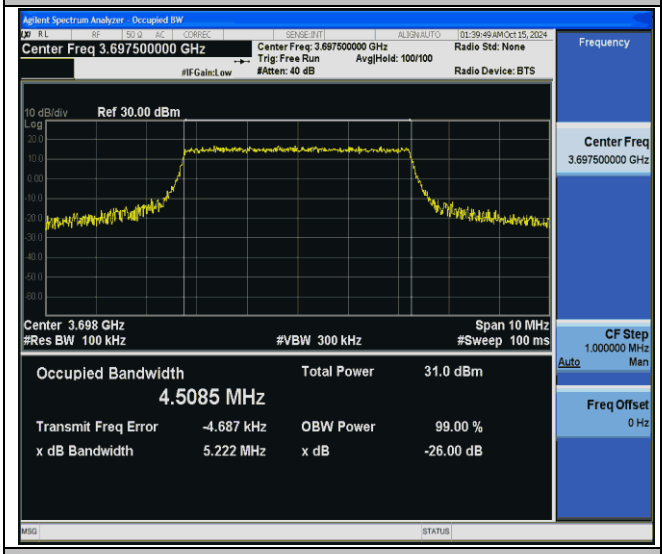
Test Graphs

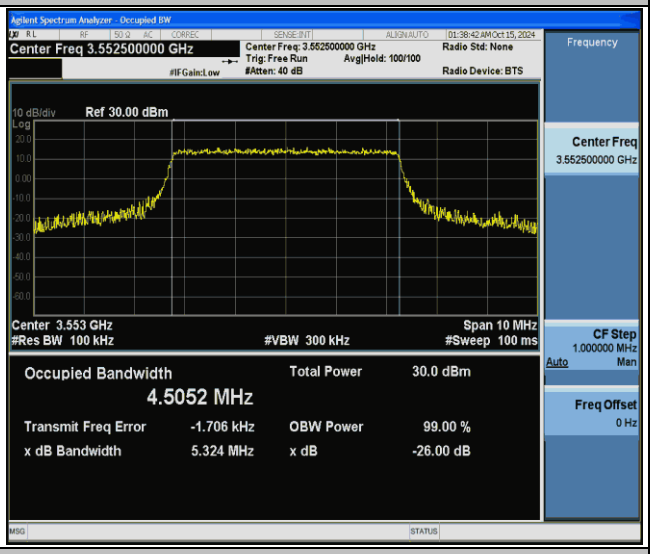


Band48-5MHz-QPSK-55265-25RB#0-PASS

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

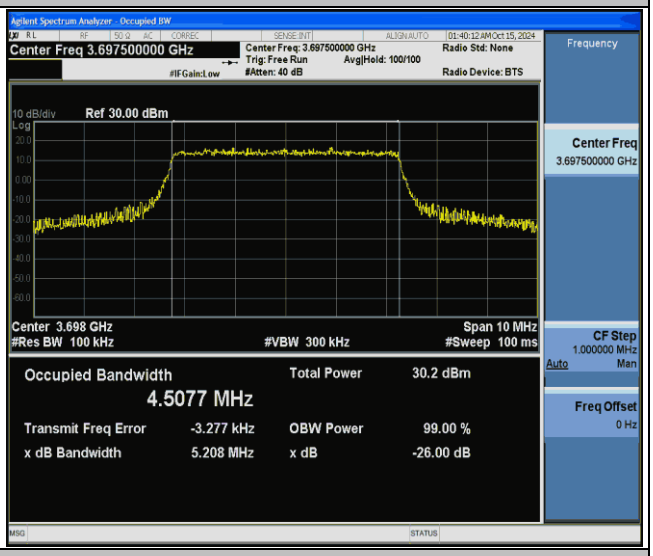


Band48-5MHz-QPSK-56715-25RB#0-PASS



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

Band48-5MHz-16QAM-55990-25RB#0-PASS



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

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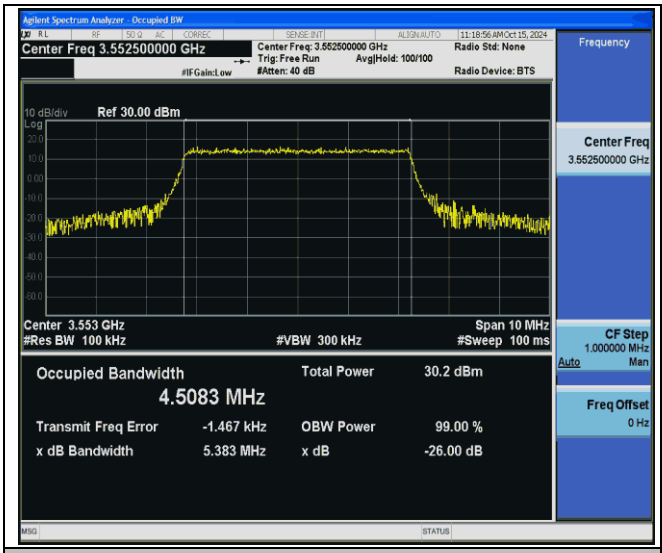
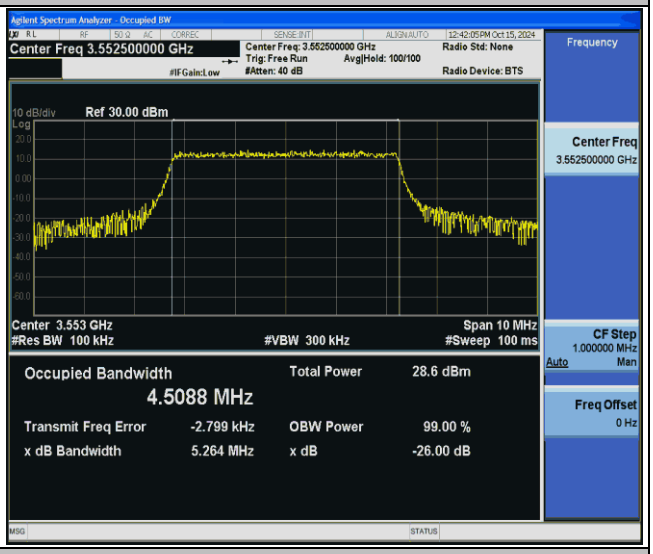


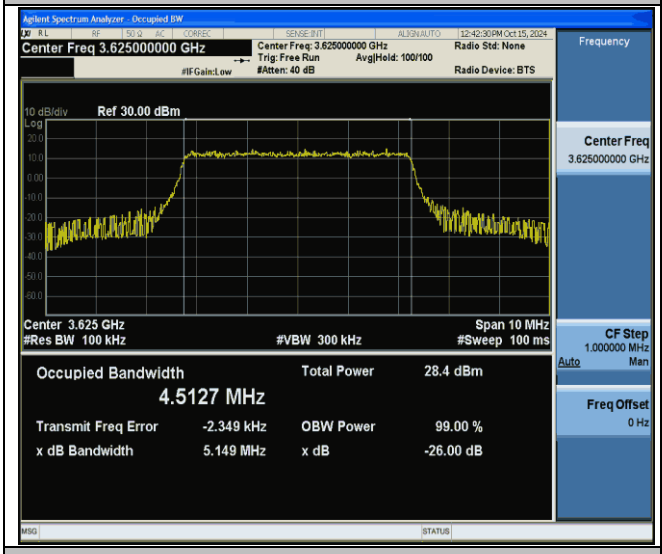
Band48-5MHz-64QAM-55265-25RB#0-PASS

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

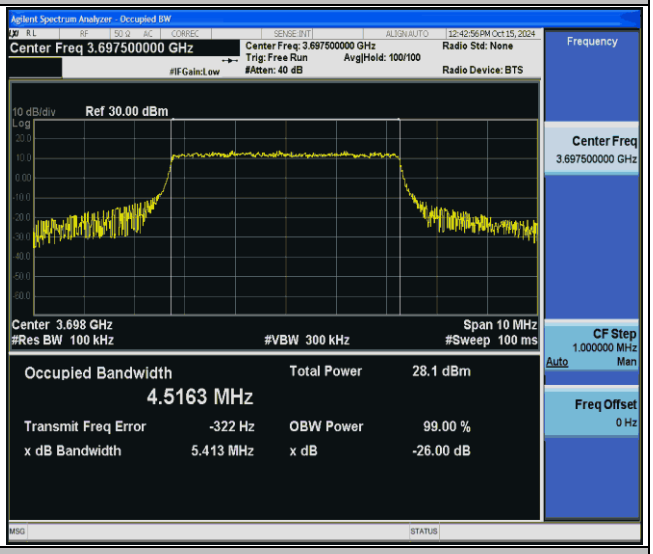
Band48-5MHz-64QAM-56715-25RB#0-PASS



Band48-5MHz-256QAM-55265-25RB#0-PASS



Band48-5MHz-256QAM-55990-25RB#0-PASS



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

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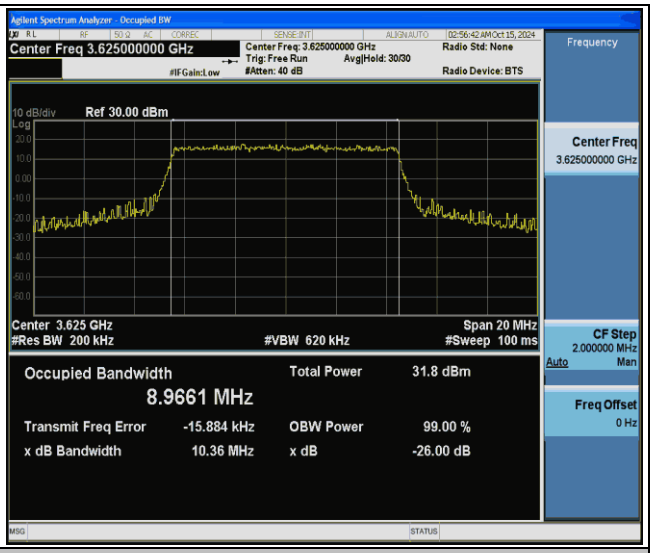
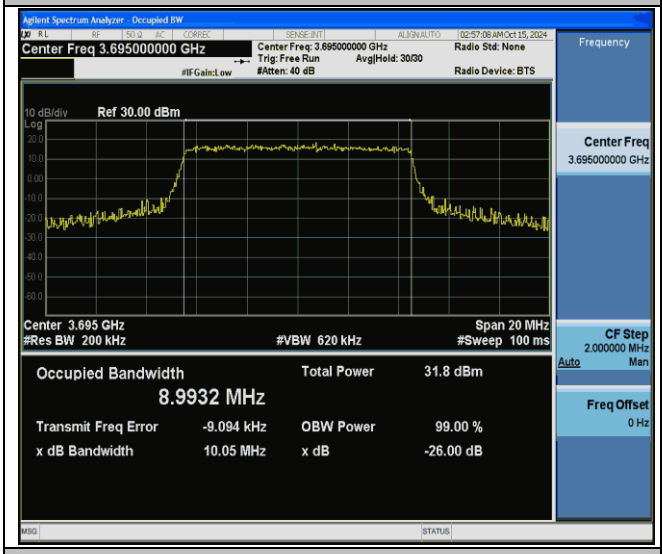
Band48-10MHz-QPSK-55290-50RB#0-PASS



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



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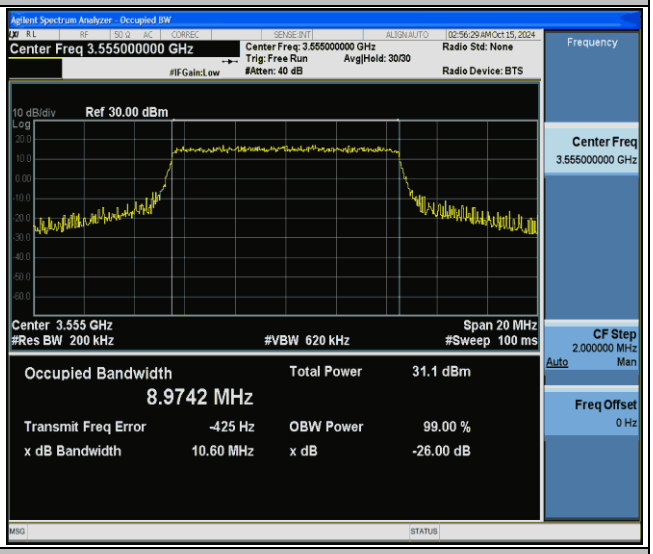

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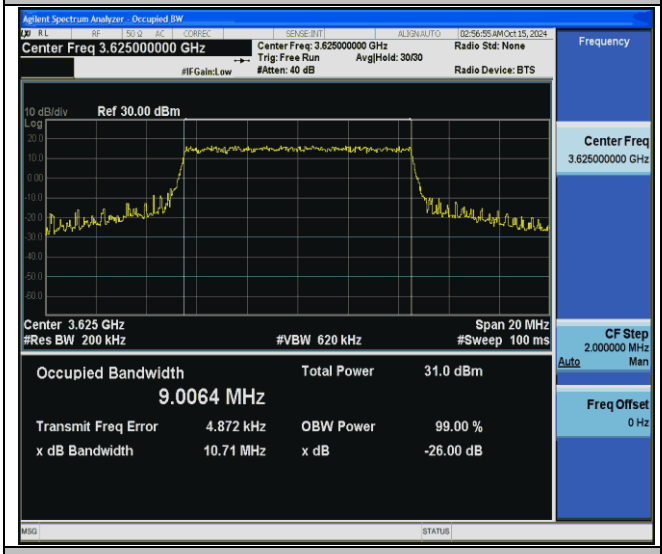

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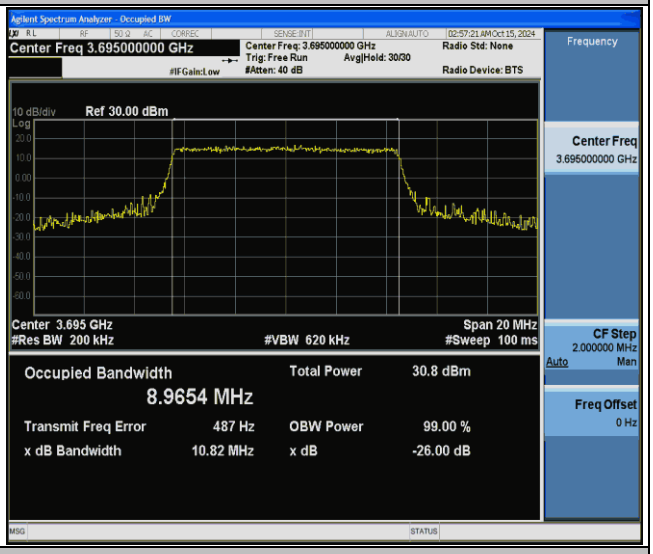

Band48-10MHz-16QAM-56690-50RB#0-PASS

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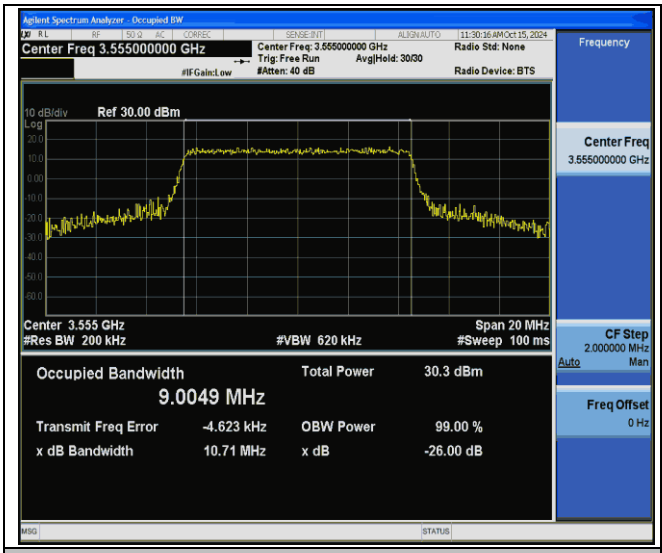

Band48-10MHz-64QAM-55290-50RB#0-PASS

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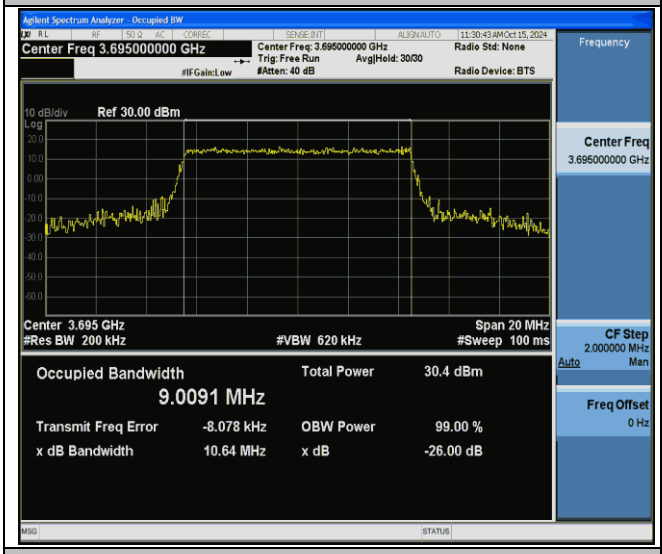

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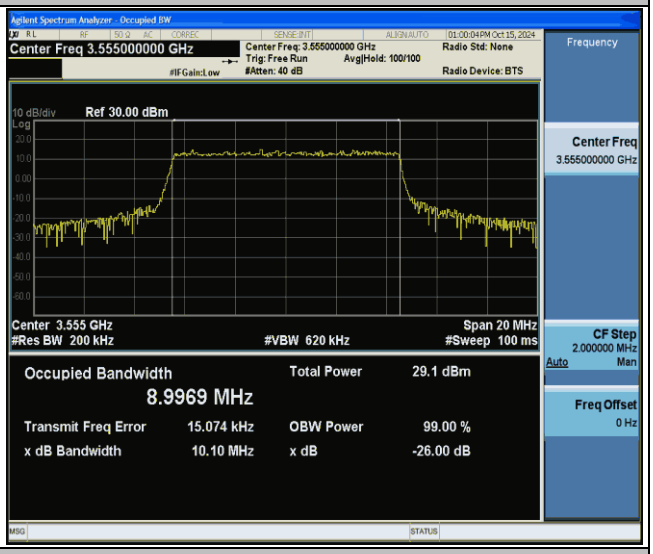

Band48-10MHz-256QAM-55290-50RB#0-PASS

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

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

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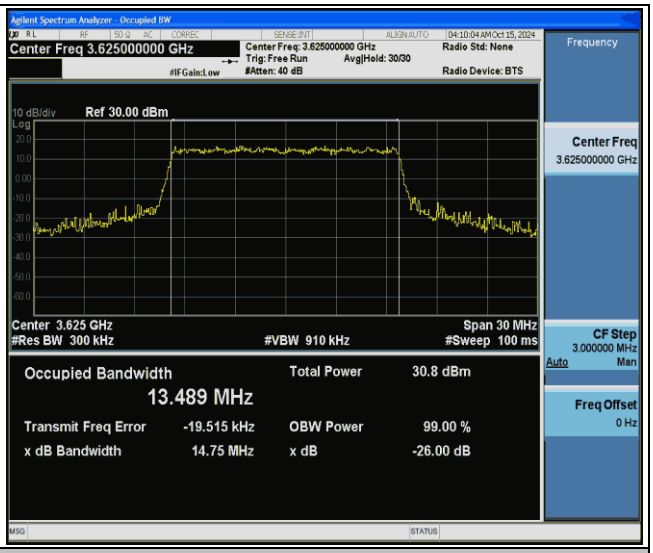
Band48-15MHz-QPSK-55315-75RB#0-PASS



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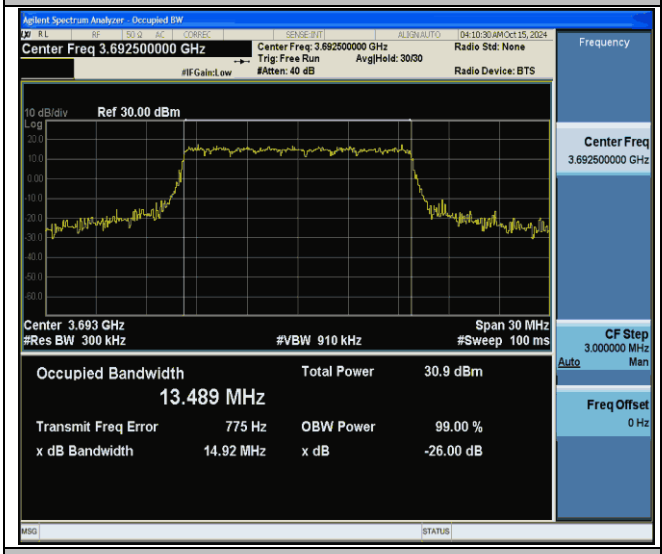
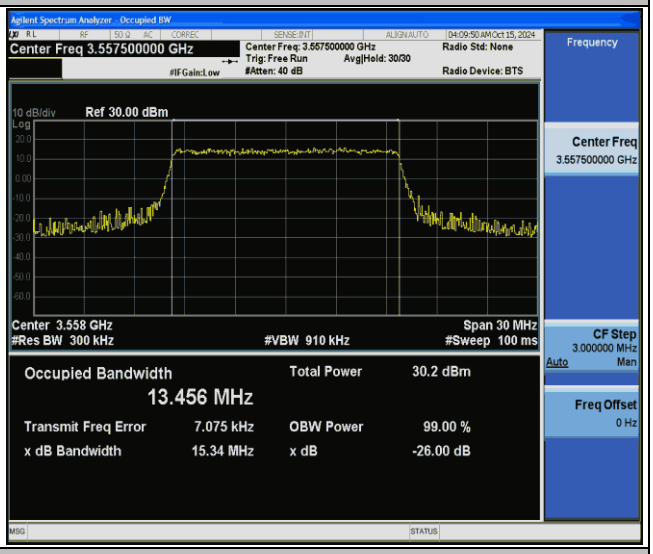


Band48-15MHz-QPSK-56665-75RB#0-PASS



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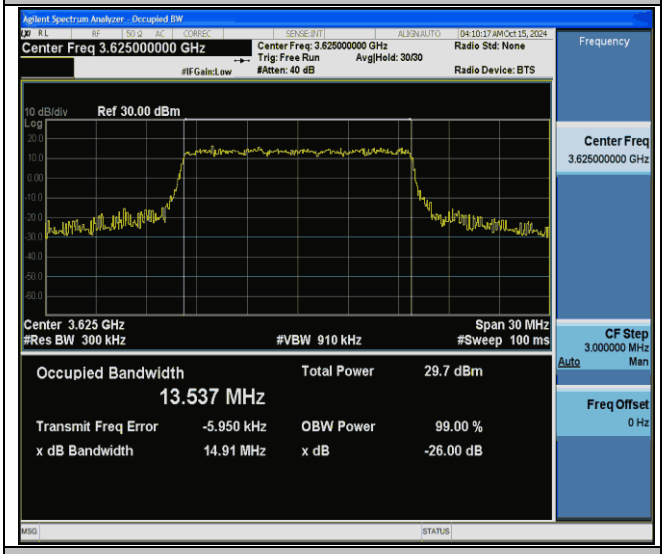

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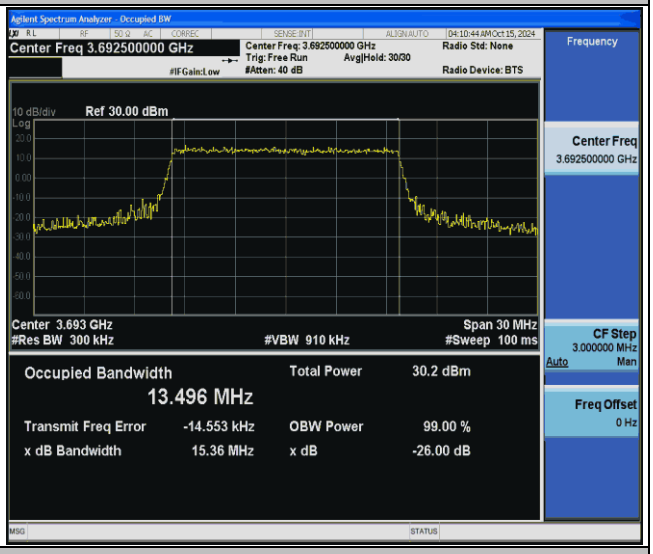

Band48-15MHz-16QAM-56665-75RB#0-PASS

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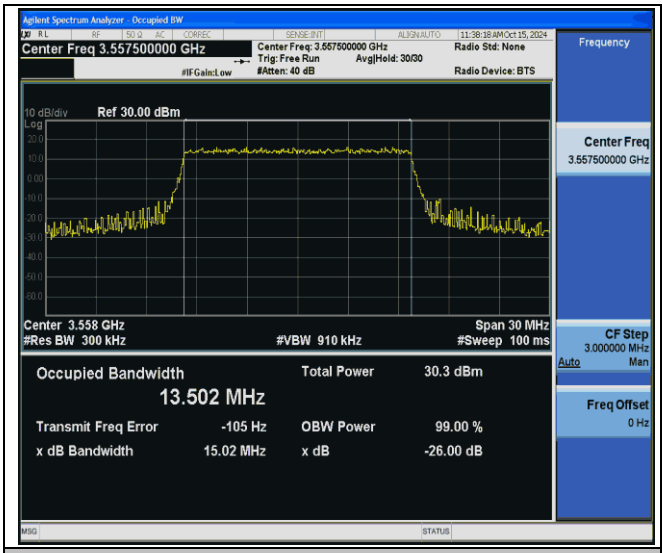
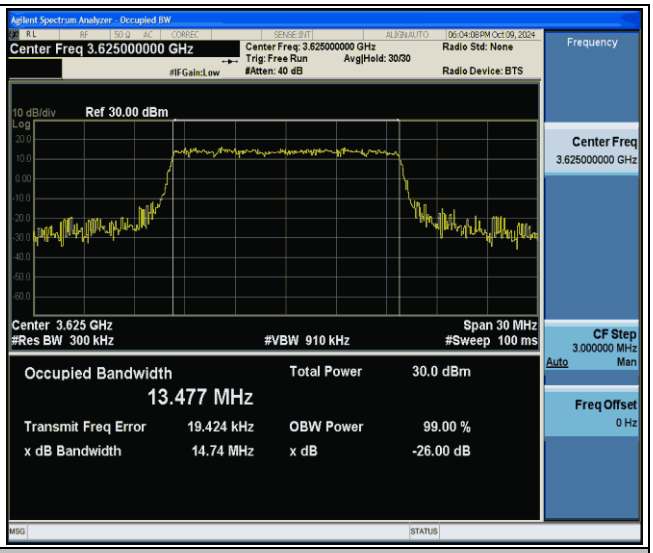


Band48-15MHz-64QAM-55315-75RB#0-PASS



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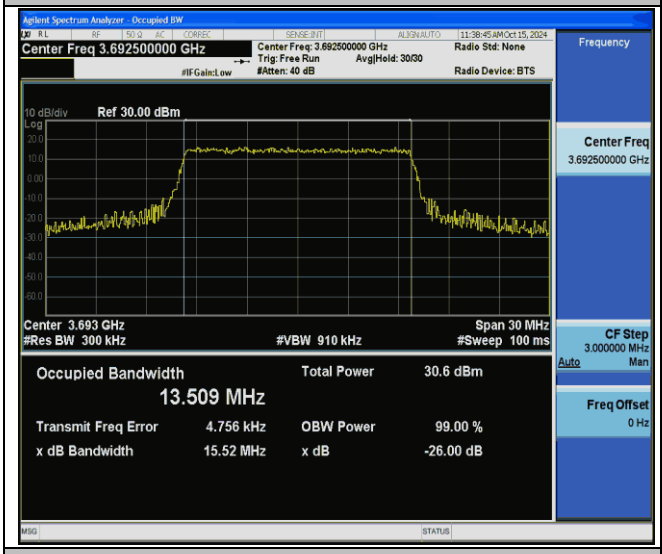

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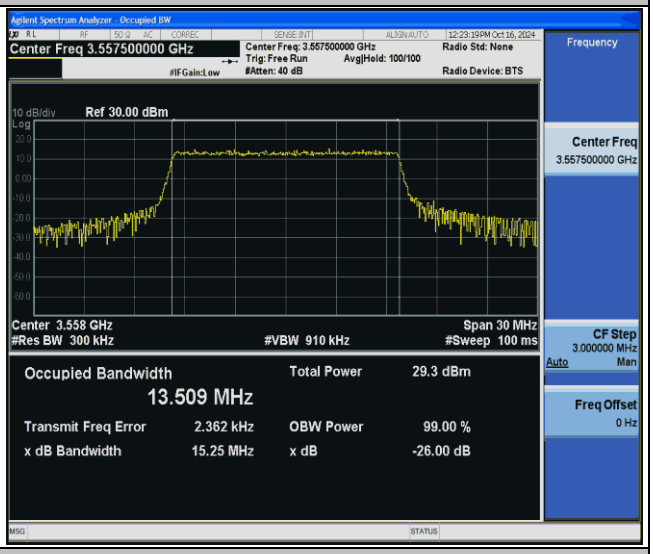

Band48-15MHz-256QAM-55315-75RB#0-PASS

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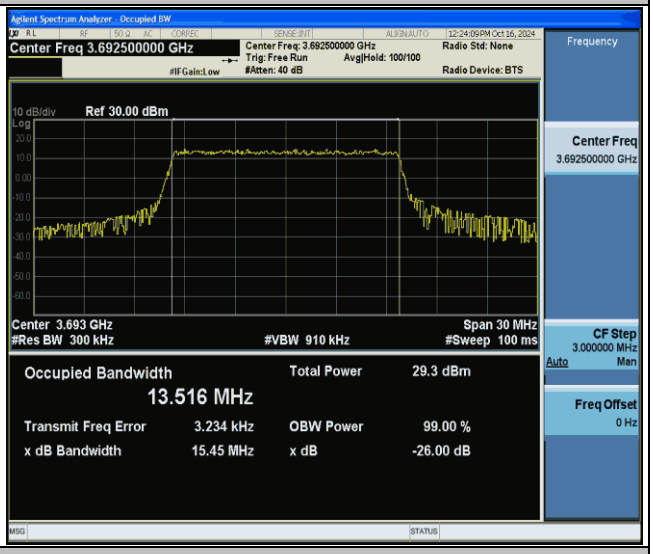

Band48-15MHz-256QAM-56665-75RB#0-PASS

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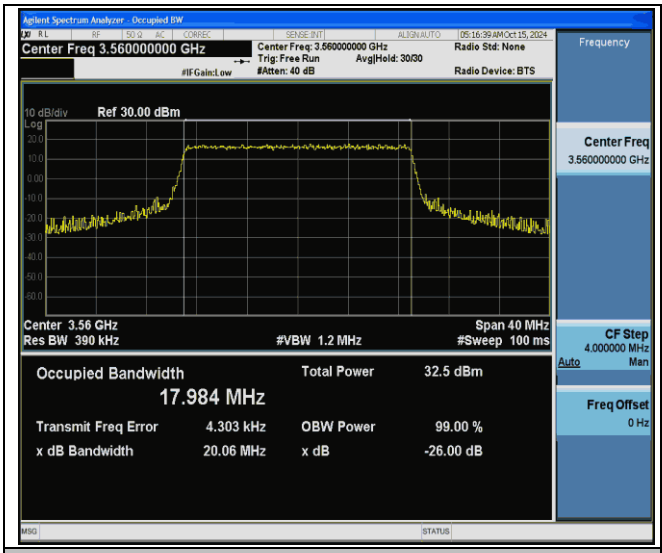
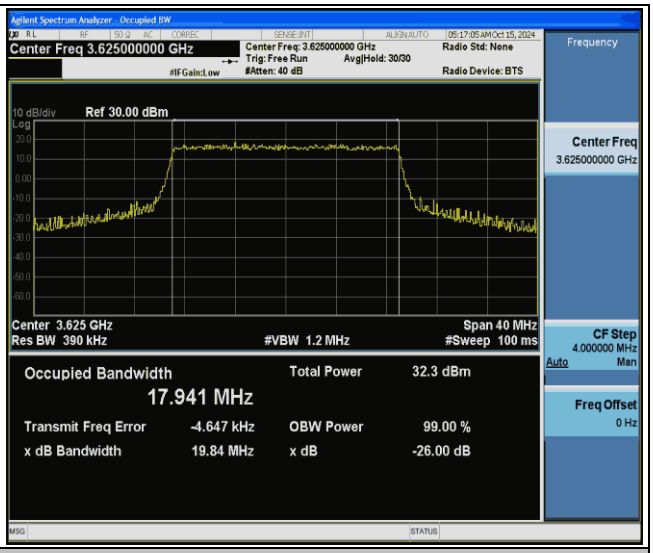


Band48-20MHz-QPSK-55340-100RB#0-PASS



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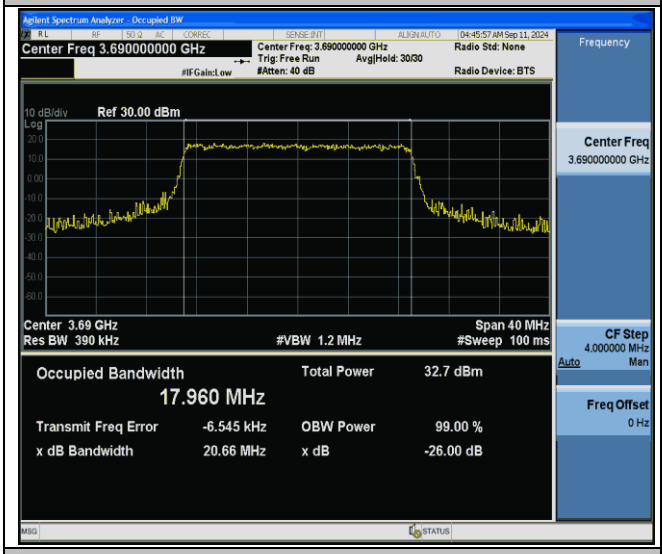

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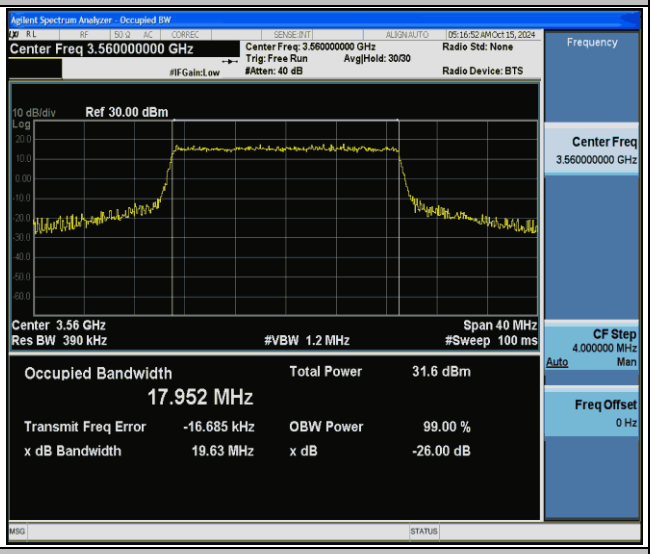

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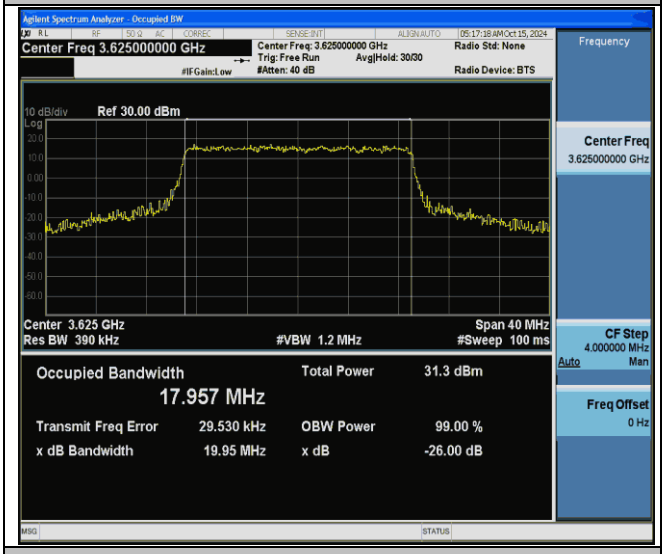

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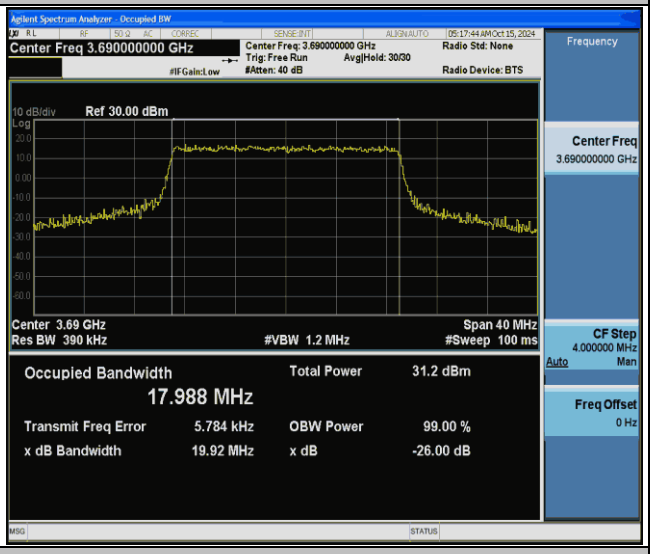

Band48-20MHz-16QAM-56640-100RB#0-PASS

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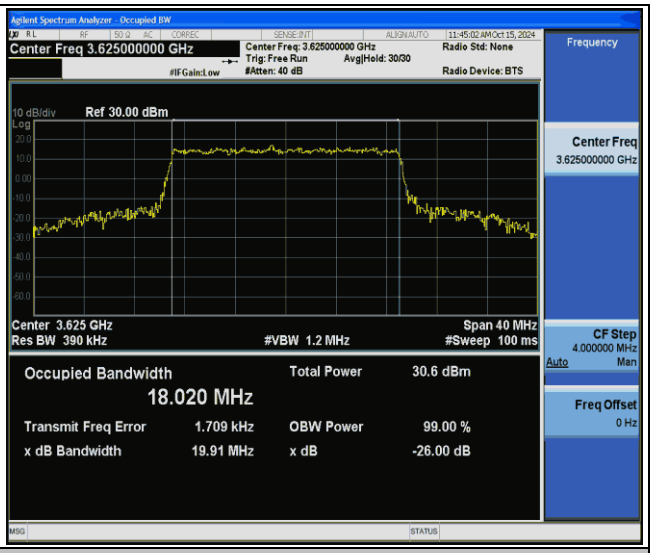
Band48-20MHz-64QAM-55340-100RB#0-PASS



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

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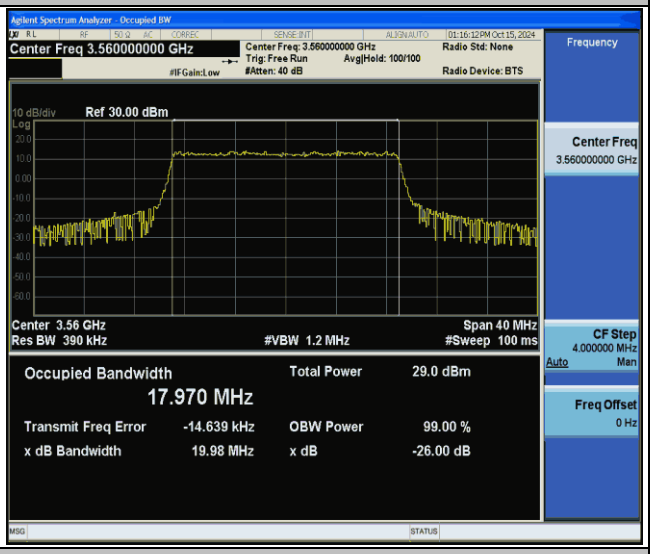
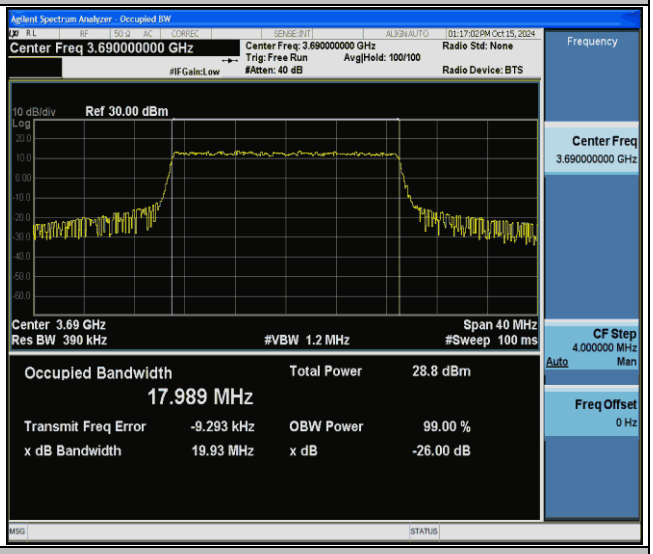


Band48-20MHz-256QAM-55340-100RB#0-PASS

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



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

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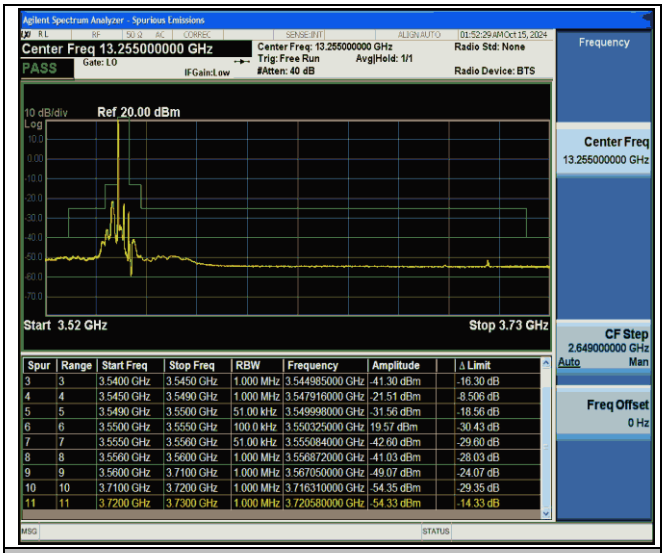
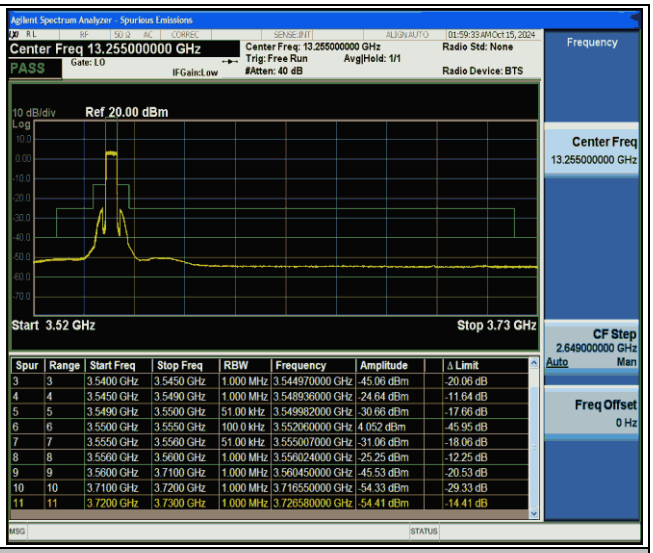
Band Edge

Test Graphs



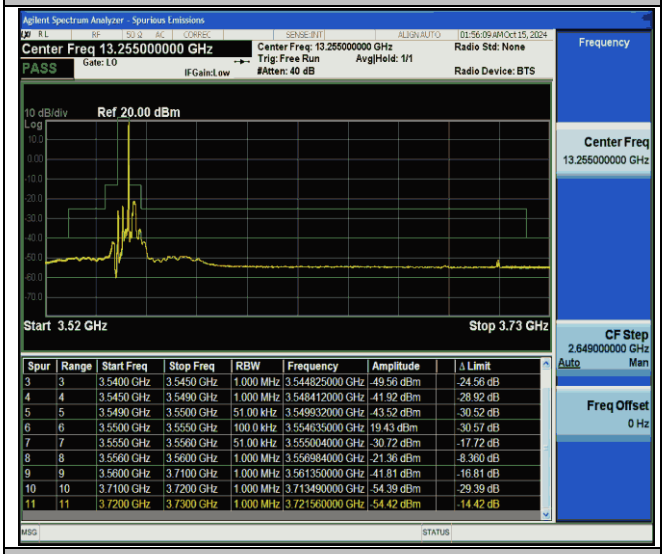
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.5450 GHz	1.000 MHz	3.544985000 GHz	-41.30 dBm	-16.30 dB
4	4	3.5450 GHz	3.5490 GHz	1.000 MHz	3.547916000 GHz	-21.51 dBm	-8.506 dB
5	5	3.5490 GHz	3.5500 GHz	51.00 kHz	3.549998000 GHz	-31.56 dBm	-18.56 dB
6	6	3.5500 GHz	3.5550 GHz	100.0 kHz	3.550325000 GHz	19.57 dBm	-30.43 dB
7	7	3.5550 GHz	3.5560 GHz	51.00 kHz	3.555084000 GHz	-42.60 dBm	-29.60 dB
8	8	3.5560 GHz	3.5600 GHz	1.000 MHz	3.556872000 GHz	-41.03 dBm	-28.03 dB
9	9	3.5600 GHz	3.7100 GHz	1.000 MHz	3.567050000 GHz	-49.07 dBm	-24.07 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.716310000 GHz	-54.35 dBm	-29.35 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720580000 GHz	-54.33 dBm	-14.33 dB

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



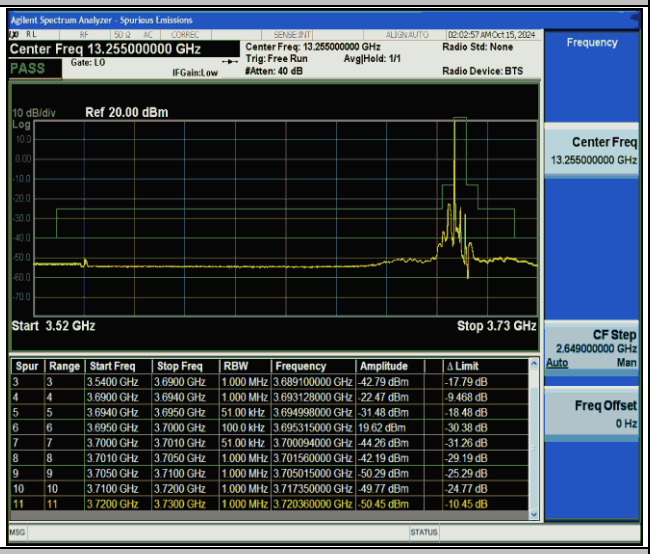
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.5450 GHz	1.000 MHz	3.544970000 GHz	-45.06 dBm	-20.06 dB
4	4	3.5450 GHz	3.5490 GHz	1.000 MHz	3.548936000 GHz	-24.64 dBm	-11.64 dB
5	5	3.5490 GHz	3.5500 GHz	51.00 kHz	3.549982000 GHz	-30.66 dBm	-17.66 dB
6	6	3.5500 GHz	3.5550 GHz	100.0 kHz	3.552060000 GHz	4.052 dBm	-45.95 dB
7	7	3.5550 GHz	3.5560 GHz	51.00 kHz	3.555007000 GHz	-31.06 dBm	-18.06 dB
8	8	3.5560 GHz	3.5600 GHz	1.000 MHz	3.556024000 GHz	-25.25 dBm	-12.25 dB
9	9	3.5600 GHz	3.7100 GHz	1.000 MHz	3.560450000 GHz	-45.53 dBm	-20.53 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.716550000 GHz	-54.33 dBm	-29.33 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.726580000 GHz	-54.41 dBm	-14.41 dB

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



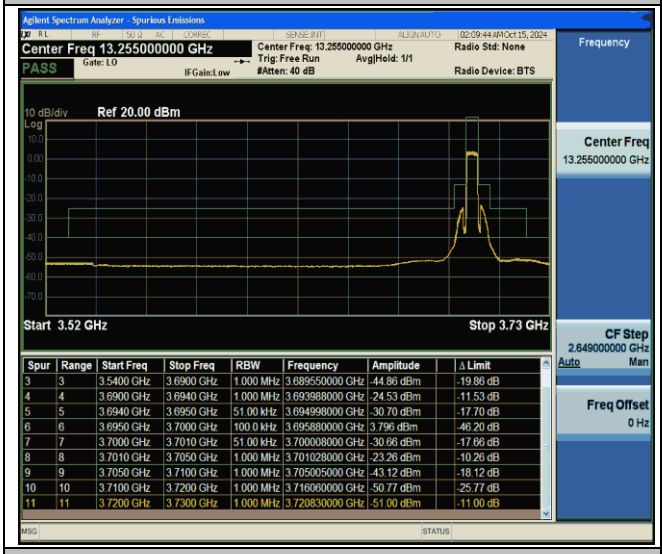
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.5450 GHz	1.000 MHz	3.544825000 GHz	-49.56 dBm	-24.56 dB
4	4	3.5450 GHz	3.5490 GHz	1.000 MHz	3.548412000 GHz	-41.92 dBm	-28.92 dB
5	5	3.5490 GHz	3.5500 GHz	51.00 kHz	3.549932000 GHz	-43.52 dBm	-30.52 dB
6	6	3.5500 GHz	3.5550 GHz	100.0 kHz	3.554635000 GHz	19.43 dBm	-30.57 dB
7	7	3.5550 GHz	3.5560 GHz	51.00 kHz	3.555004000 GHz	-30.72 dBm	-17.72 dB
8	8	3.5560 GHz	3.5600 GHz	1.000 MHz	3.556984000 GHz	-21.36 dBm	-8.360 dB
9	9	3.5600 GHz	3.7100 GHz	1.000 MHz	3.561350000 GHz	-41.81 dBm	-16.81 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.713490000 GHz	-54.39 dBm	-29.39 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.721560000 GHz	-54.42 dBm	-14.42 dB

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



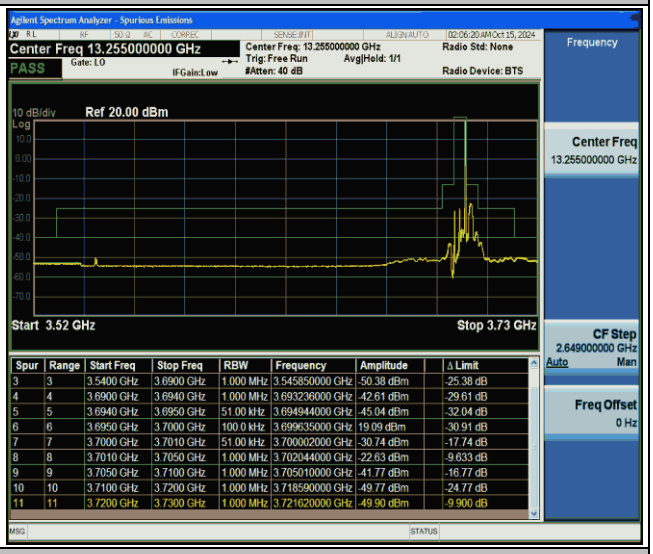
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.6900 GHz	1.000 MHz	3.689100000 GHz	-42.79 dBm	-17.79 dB
4	4	3.6900 GHz	3.6940 GHz	1.000 MHz	3.693128000 GHz	-22.47 dBm	-9.468 dB
5	5	3.6940 GHz	3.6950 GHz	51.00 kHz	3.694998000 GHz	-31.48 dBm	-18.48 dB
6	6	3.6950 GHz	3.7000 GHz	100.0 kHz	3.695315000 GHz	19.62 dBm	-30.38 dB
7	7	3.7000 GHz	3.7010 GHz	51.00 kHz	3.700094000 GHz	-44.26 dBm	-31.26 dB
8	8	3.7010 GHz	3.7050 GHz	1.000 MHz	3.701560000 GHz	-42.19 dBm	-29.19 dB
9	9	3.7050 GHz	3.7100 GHz	1.000 MHz	3.705015000 GHz	-50.29 dBm	-25.29 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.717350000 GHz	-49.77 dBm	-24.77 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720360000 GHz	-50.45 dBm	-10.45 dB

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



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.6900 GHz	1.000 MHz	3.689550000 GHz	-44.86 dBm	-19.86 dB
4	4	3.6900 GHz	3.6940 GHz	1.000 MHz	3.693988000 GHz	-24.53 dBm	-11.53 dB
5	5	3.6940 GHz	3.6950 GHz	51.00 kHz	3.694998000 GHz	-30.70 dBm	-17.70 dB
6	6	3.6950 GHz	3.7000 GHz	100.0 kHz	3.695880000 GHz	3.796 dBm	-46.20 dB
7	7	3.7000 GHz	3.7010 GHz	51.00 kHz	3.700008000 GHz	-30.66 dBm	-17.66 dB
8	8	3.7010 GHz	3.7050 GHz	1.000 MHz	3.701028000 GHz	-23.26 dBm	-10.26 dB
9	9	3.7050 GHz	3.7100 GHz	1.000 MHz	3.705005000 GHz	-43.12 dBm	-18.12 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.716060000 GHz	-50.77 dBm	-25.77 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.720830000 GHz	-51.00 dBm	-11.00 dB

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



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
3	3	3.5400 GHz	3.6900 GHz	1.000 MHz	3.545850000 GHz	-50.38 dBm	-25.38 dB
4	4	3.6900 GHz	3.6940 GHz	1.000 MHz	3.693236000 GHz	-42.61 dBm	-29.61 dB
5	5	3.6940 GHz	3.6950 GHz	51.00 kHz	3.694944000 GHz	-45.04 dBm	-32.04 dB
6	6	3.6950 GHz	3.7000 GHz	100.0 kHz	3.699635000 GHz	19.09 dBm	-30.91 dB
7	7	3.7000 GHz	3.7010 GHz	51.00 kHz	3.700002000 GHz	-30.74 dBm	-17.74 dB
8	8	3.7010 GHz	3.7050 GHz	1.000 MHz	3.702044000 GHz	-22.63 dBm	-9.633 dB
9	9	3.7050 GHz	3.7100 GHz	1.000 MHz	3.705010000 GHz	-41.77 dBm	-16.77 dB
10	10	3.7100 GHz	3.7200 GHz	1.000 MHz	3.718590000 GHz	-49.77 dBm	-24.77 dB
11	11	3.7200 GHz	3.7300 GHz	1.000 MHz	3.721620000 GHz	-49.90 dBm	-9.900 dB

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

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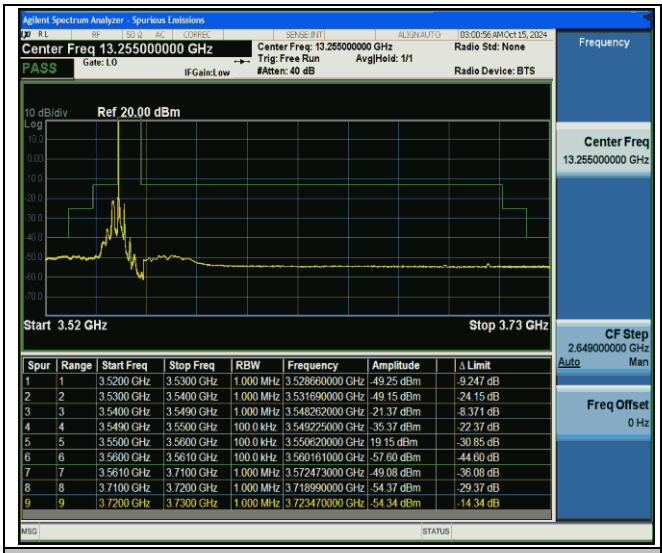
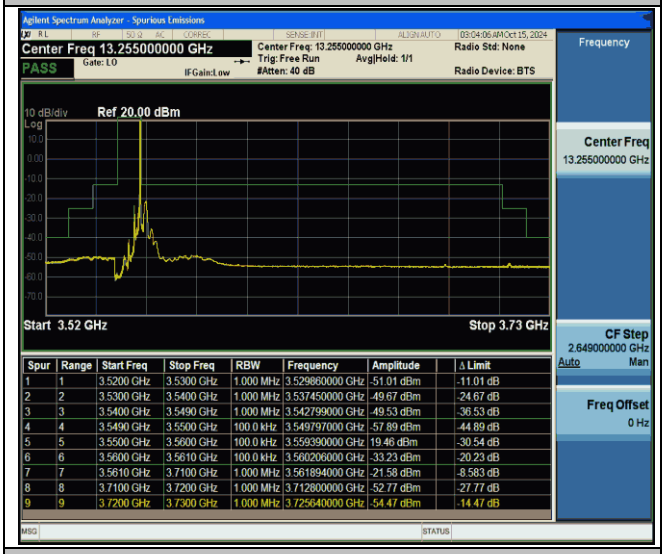


Band48-10MHz-QPSK-55290-1RB#0-PASS

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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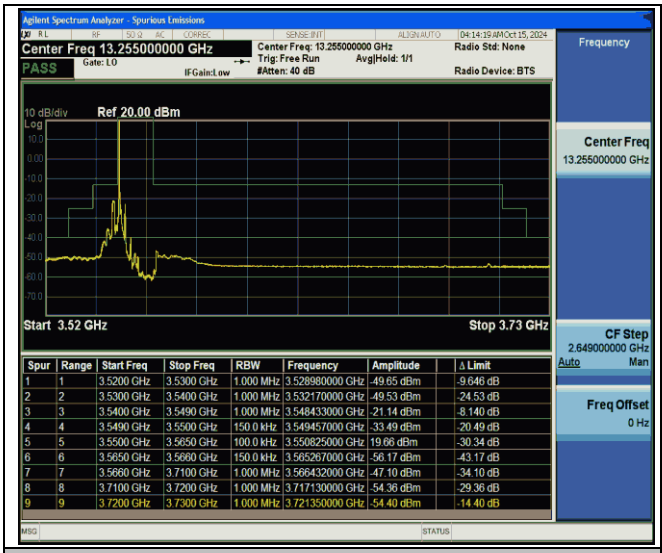
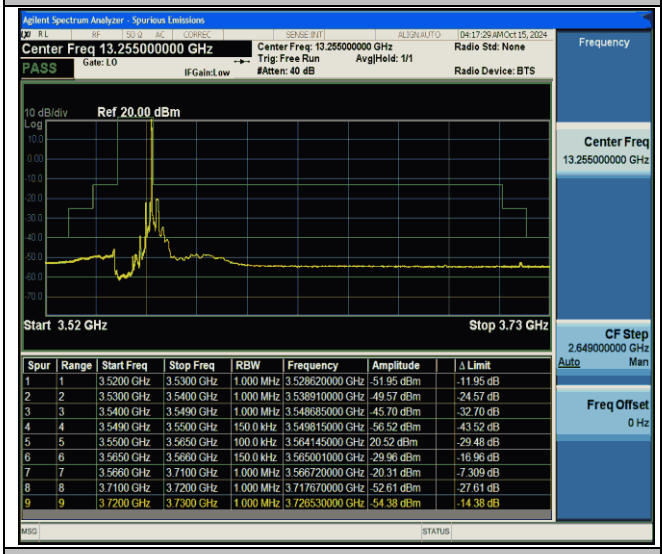


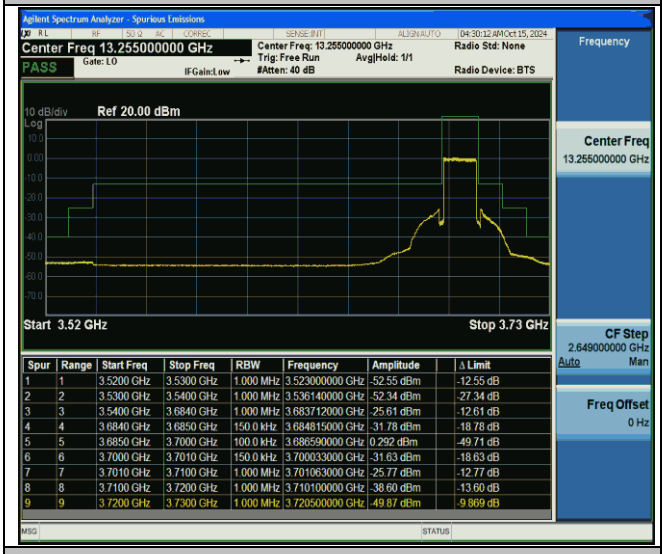
Band48-15MHz-QPSK-55315-1RB#0-PASS

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

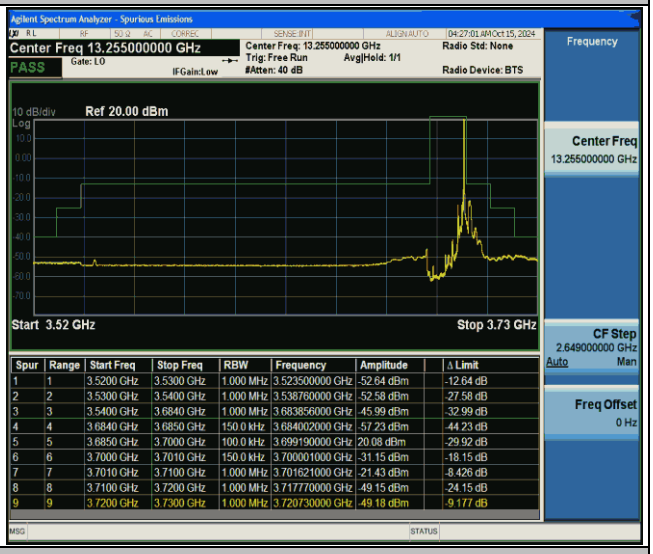


Band48-15MHz-QPSK-55315-1RB#74-PASS

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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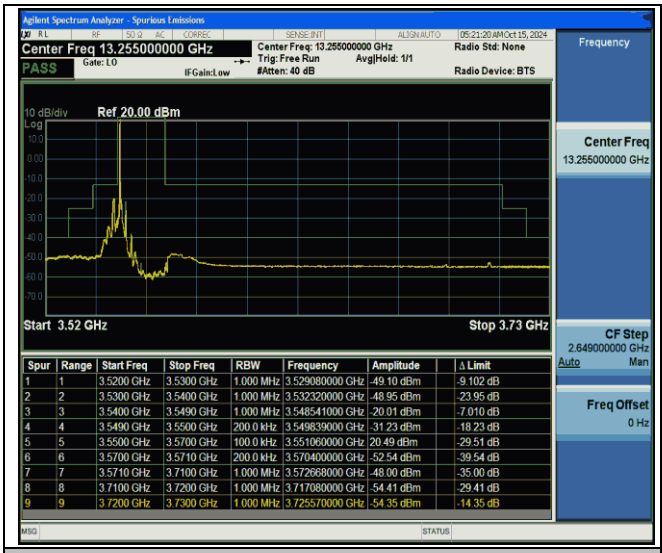
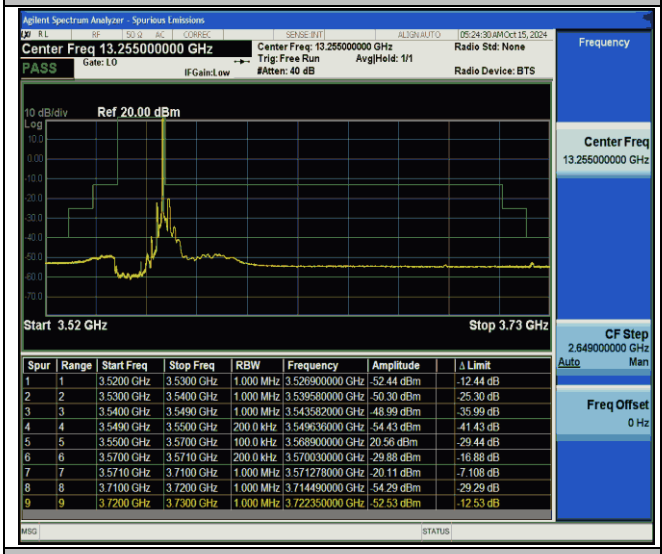


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.529080000 GHz	-49.10 dBm	-9.102 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.532320000 GHz	-48.95 dBm	-23.95 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.548541000 GHz	-20.01 dBm	-7.010 dB
4	4	3.5490 GHz	3.5500 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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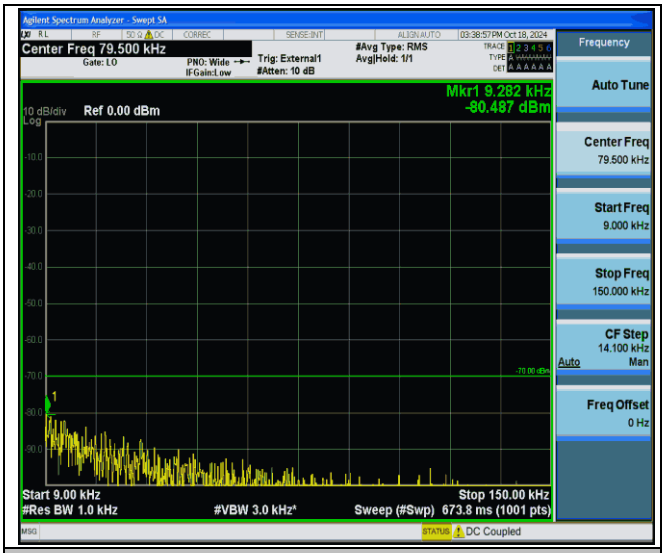
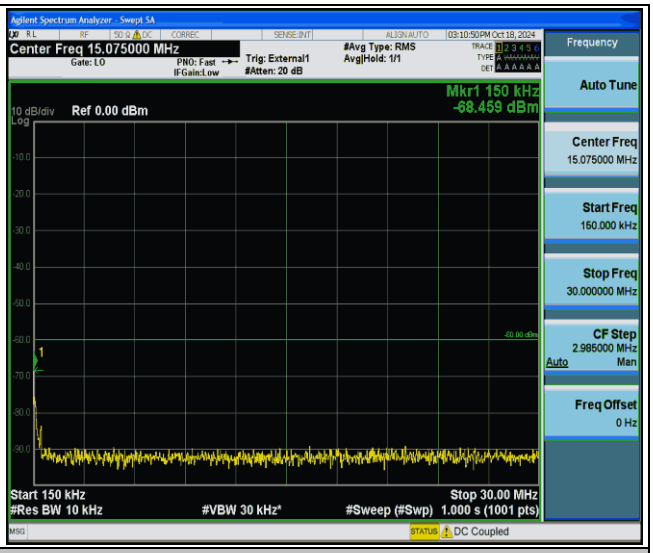
Conducted Spurious Emission

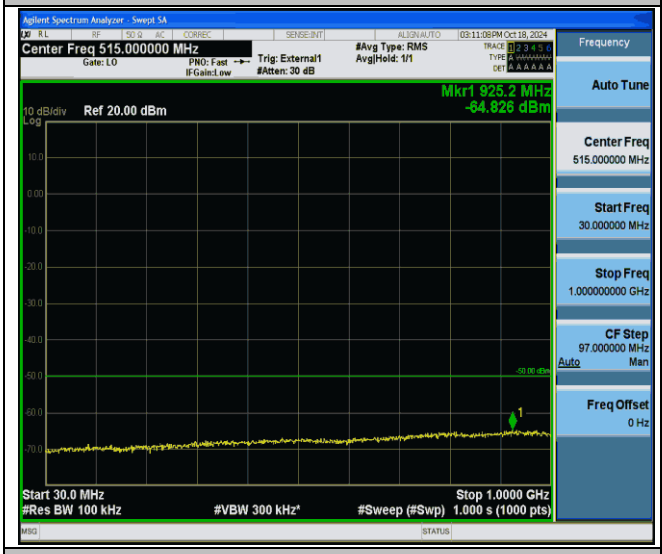
Test Graphs



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



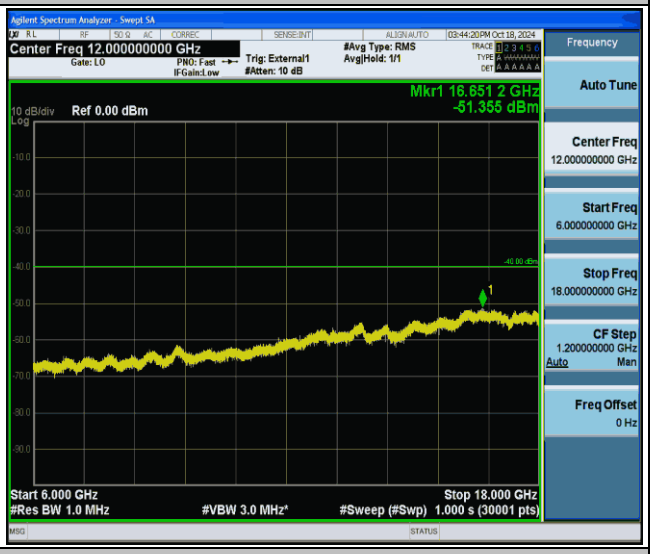
Band48-20MHz-QPSK-55340-1RB#0-0.15~30-PASS



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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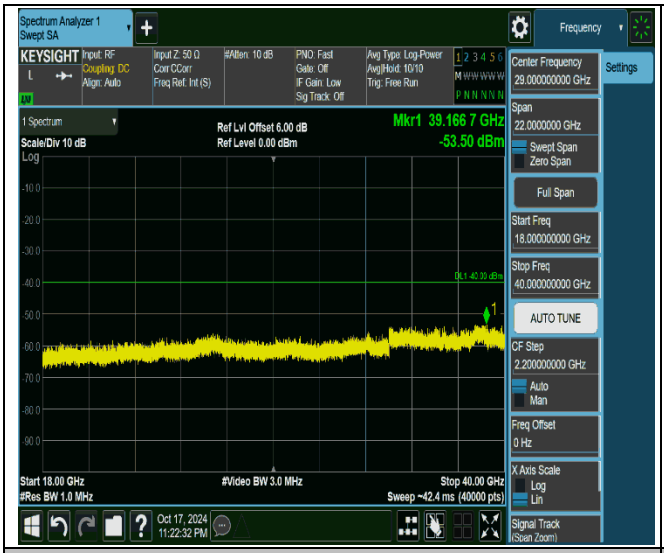
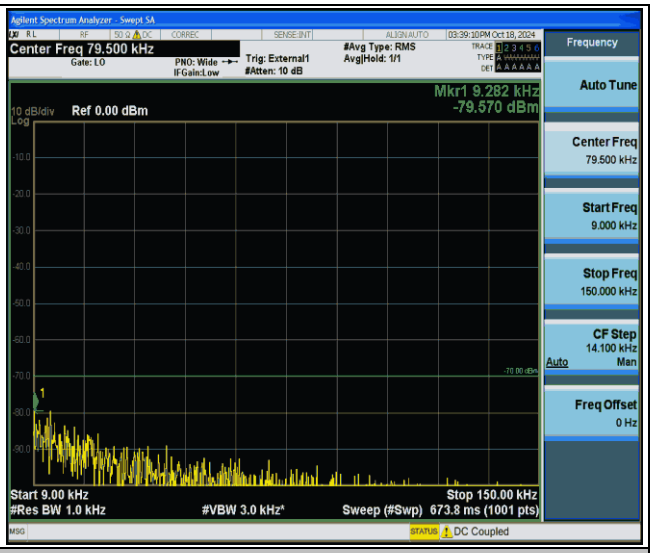
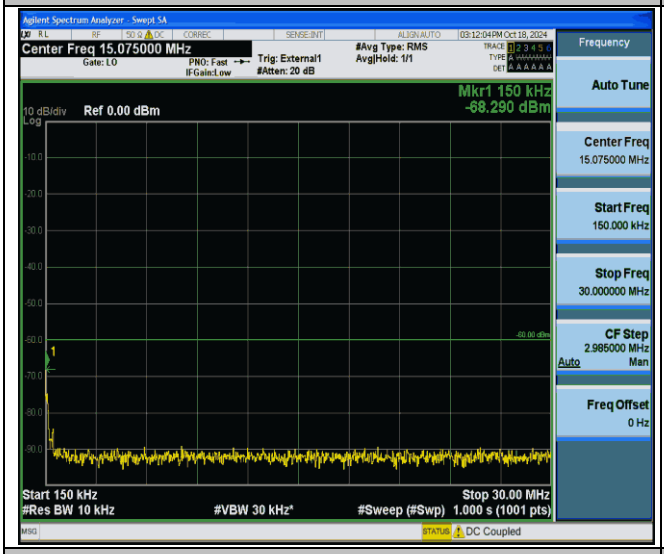


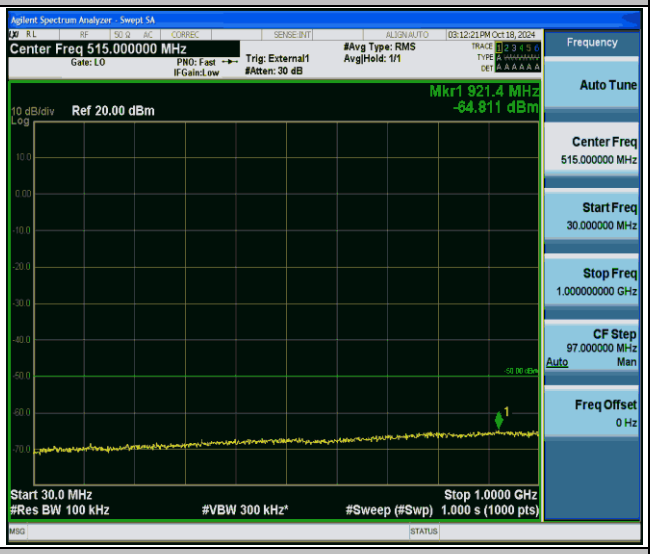
Band48-20MHz-QPSK-55340-1RB#0-18000~40000-PASS



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

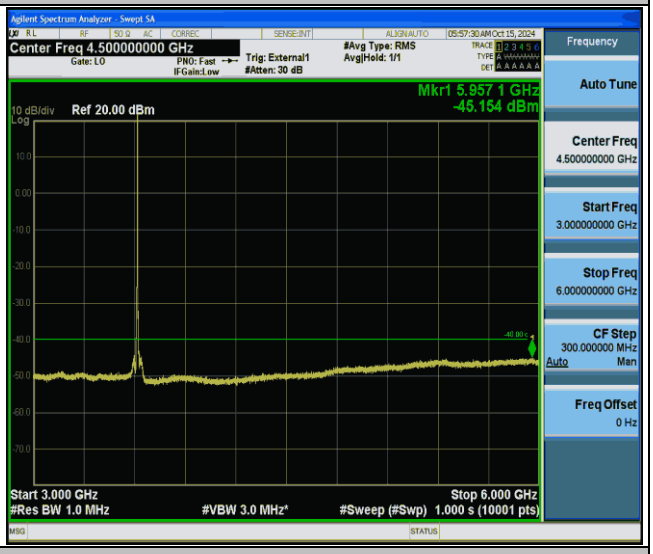


Band48-20MHz-QPSK-55990-1RB#0-0.15~30-PASS



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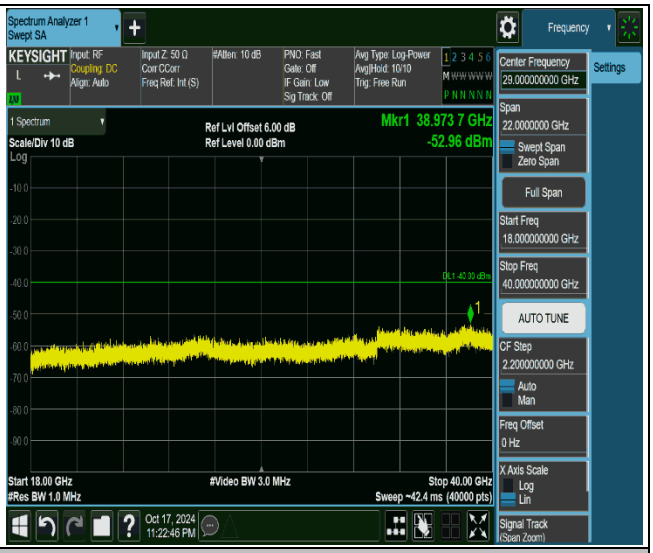
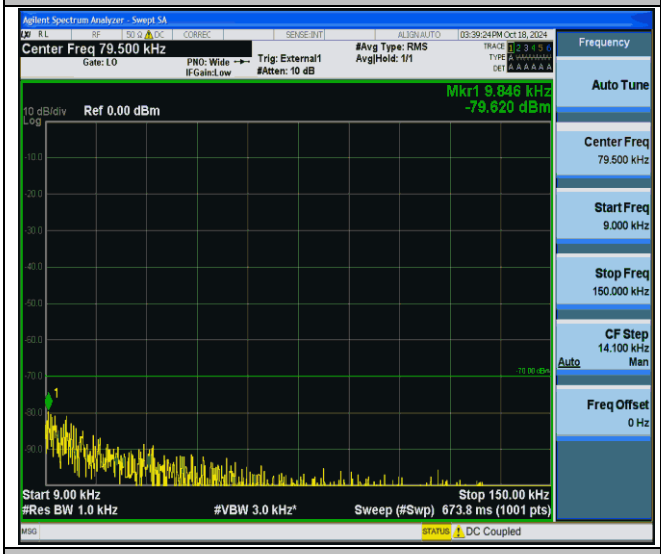
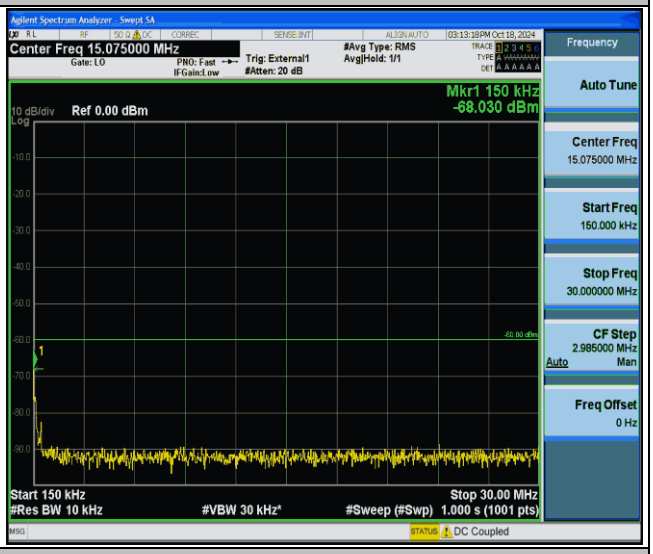
Band48-20MHz-QPSK-55990-1RB#0-6000~18000-PASS



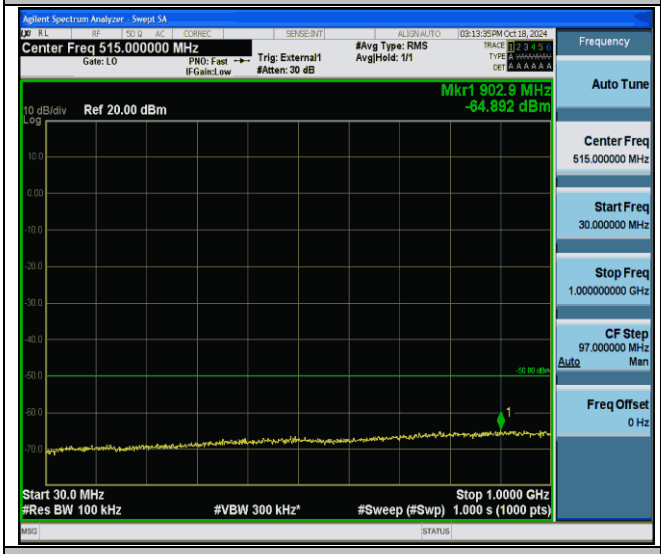
Band48-20MHz-QPSK-55990-1RB#0-18000~40000-PASS



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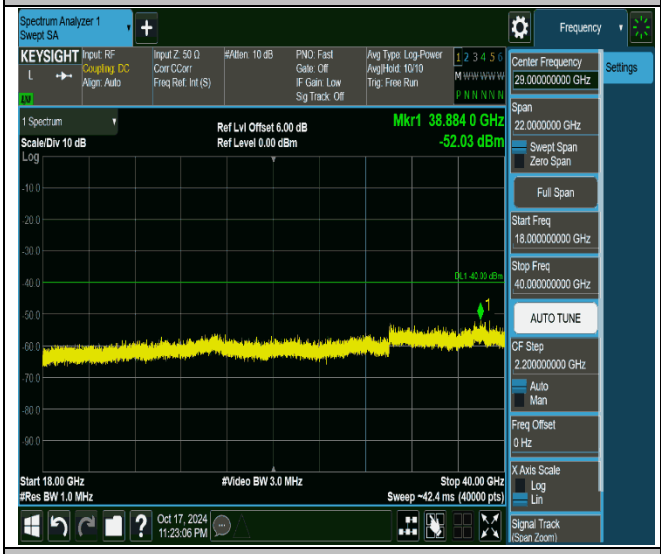
Band48-20MHz-QPSK-56640-1RB#0-3000~6000-PASS

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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