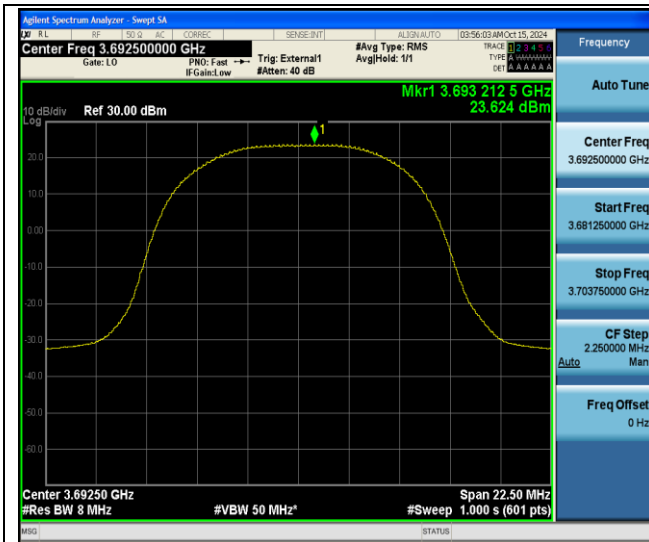
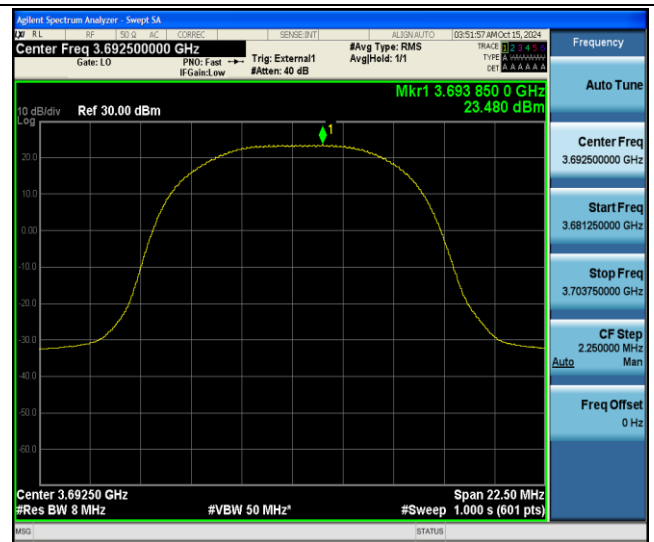




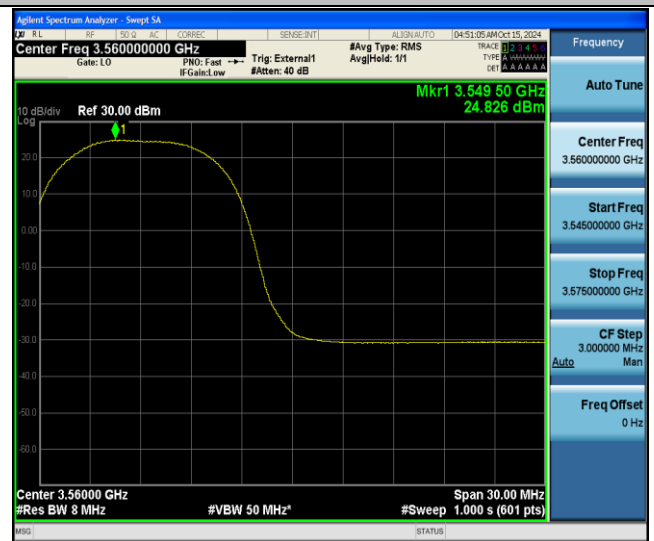
Band48-15MHz-QPSK-56665-38RB#37-PASS



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



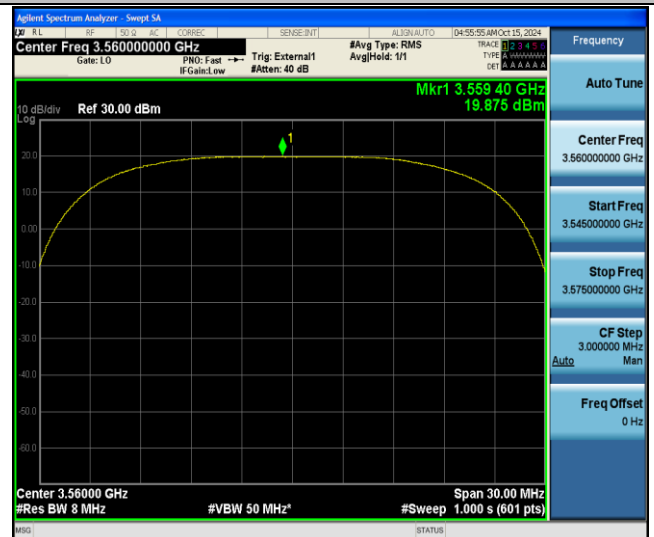
Band48-15MHz-QPSK-56665-1RB#74-PASS



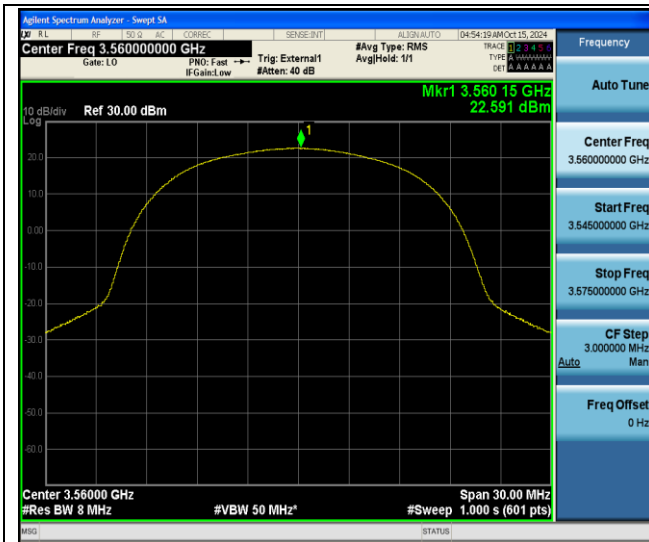
Band48-20MHz-QPSK-55340-1RB#0-PASS



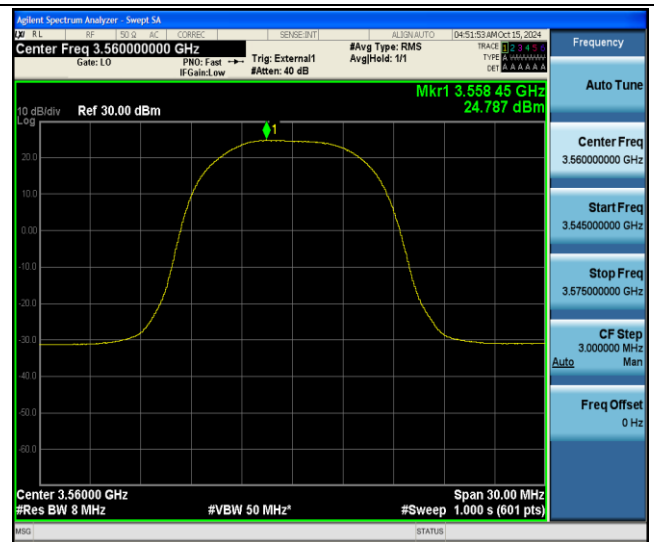
Band48-20MHz-QPSK-55340-50RB#0-PASS



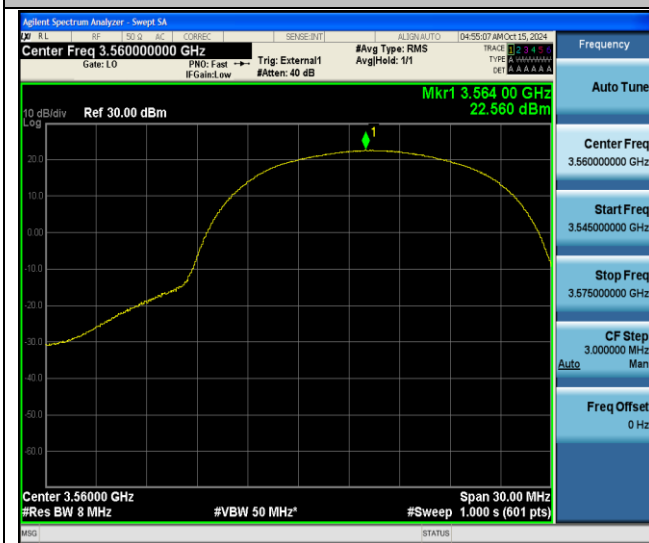
Band48-20MHz-QPSK-55340-100RB#0-PASS



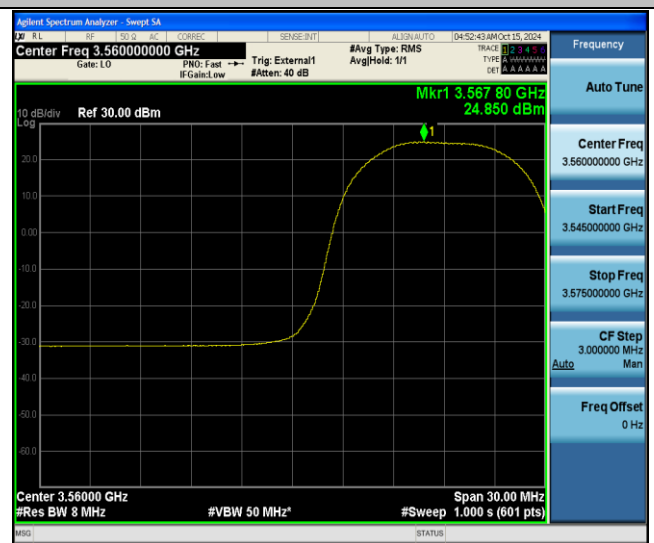
Band48-20MHz-QPSK-55340-50RB#25-PASS



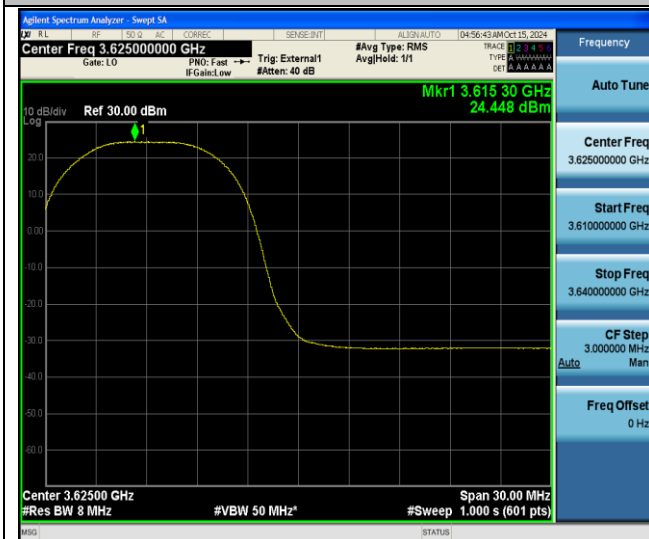
Band48-20MHz-QPSK-55340-1RB#49-PASS



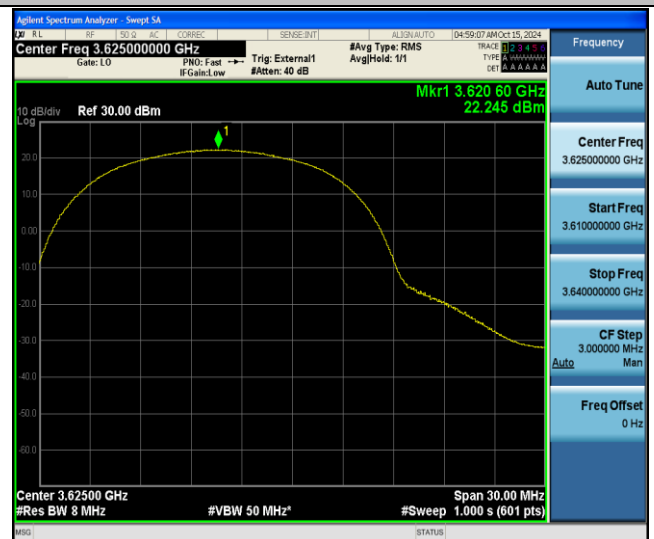
Band48-20MHz-QPSK-55340-50RB#50-PASS



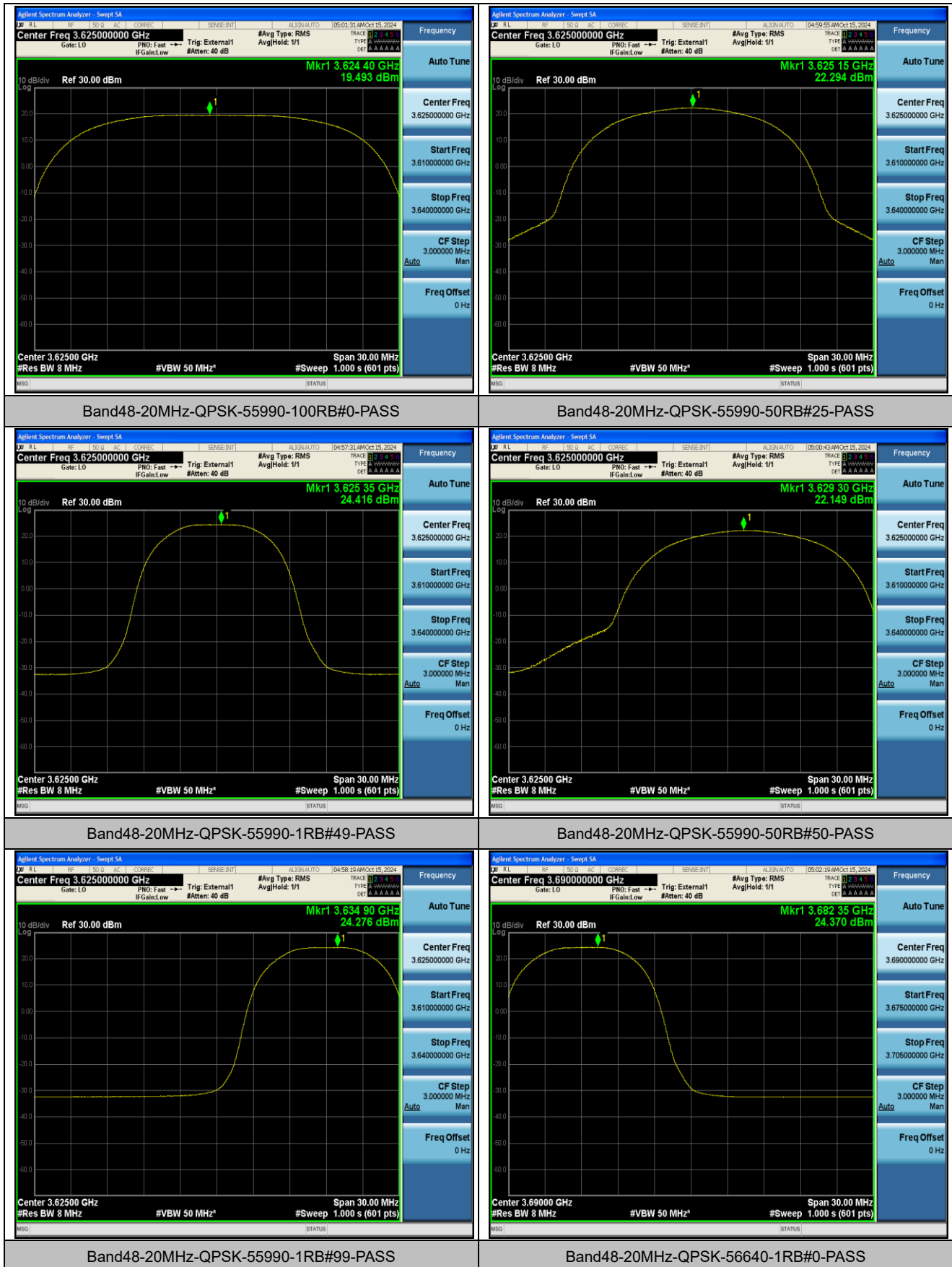
Band48-20MHz-QPSK-55340-1RB#99-PASS

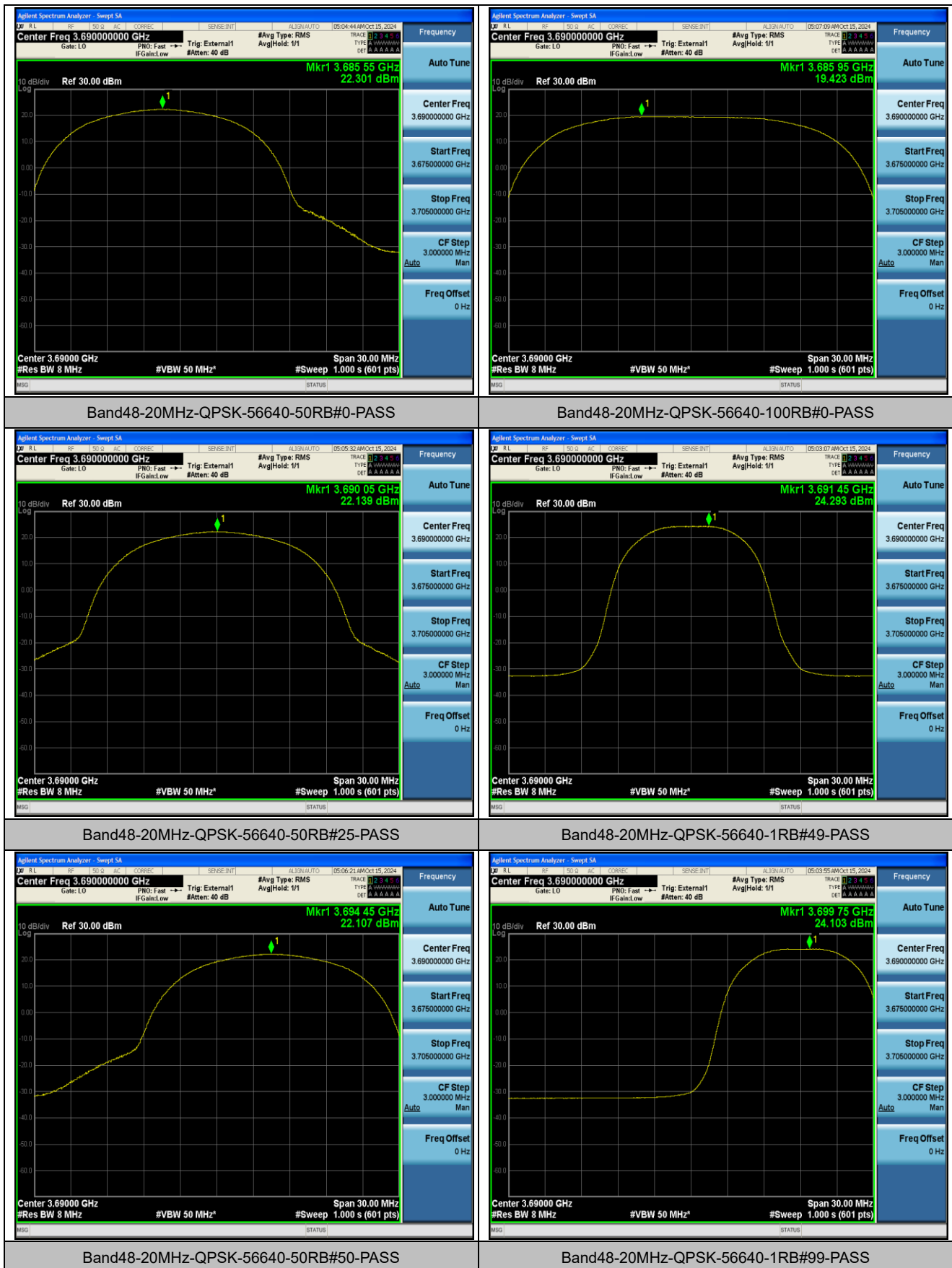


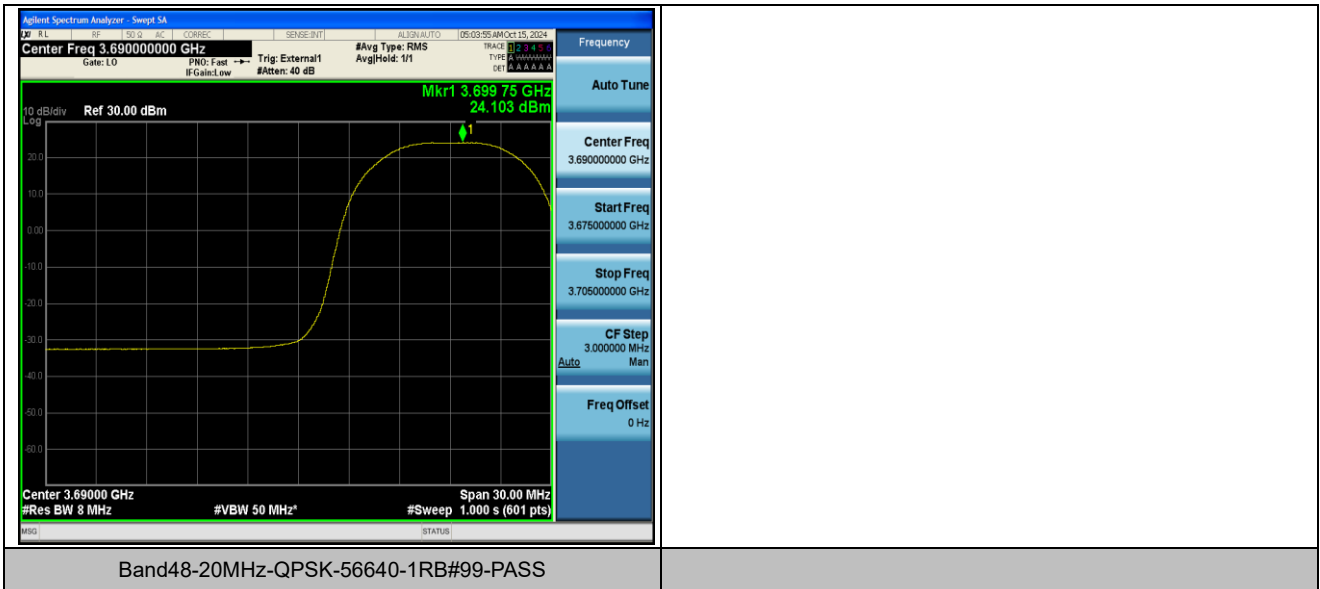
Band48-20MHz-QPSK-55990-1RB#0-PASS



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





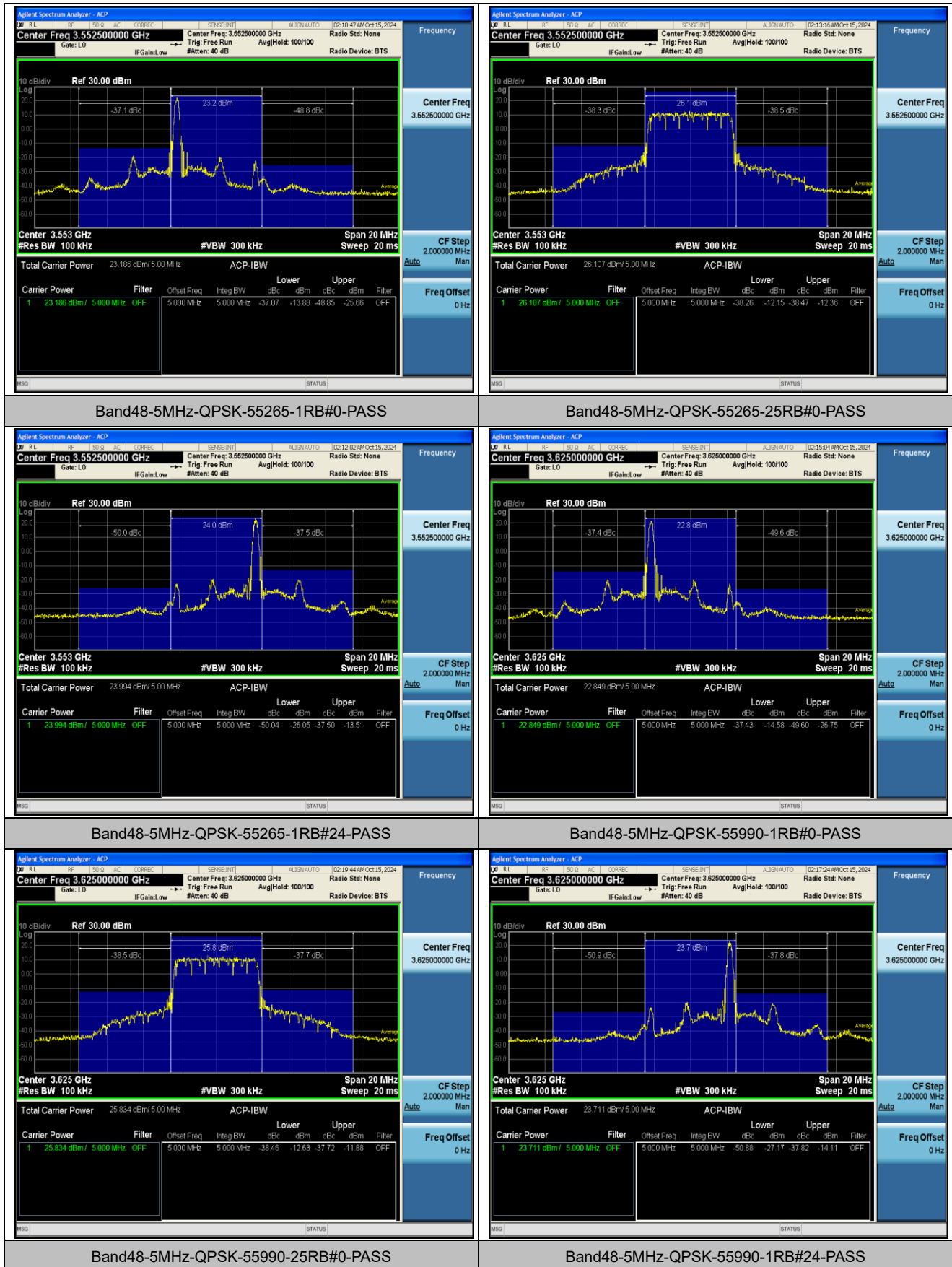


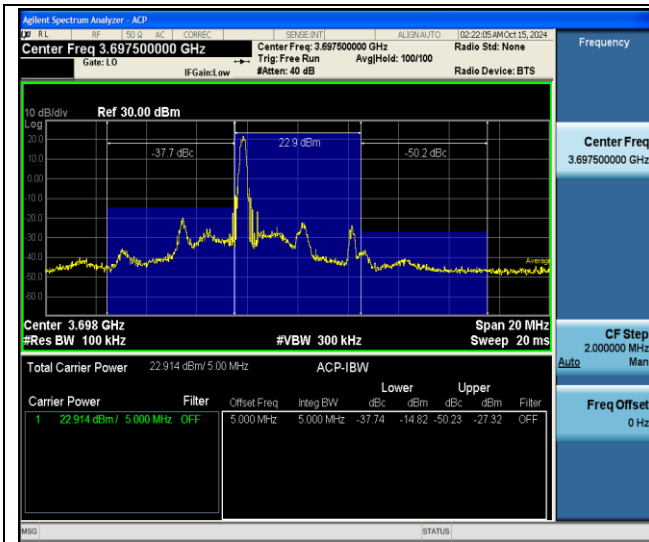
Adjacent Channel Leakage Ratio

Test Result

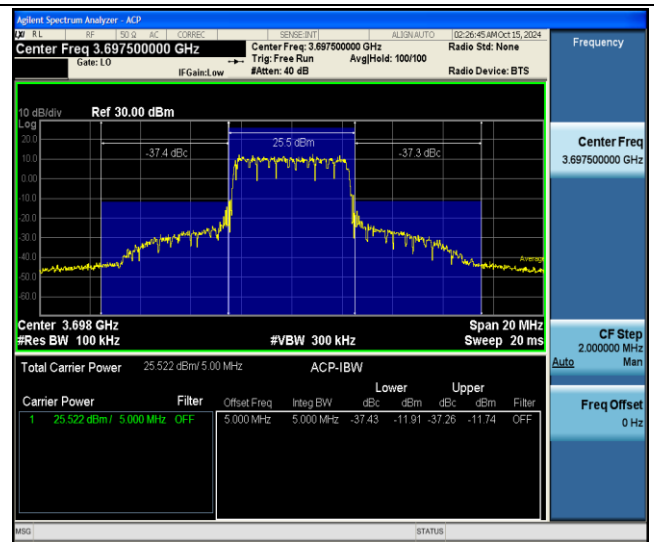
Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	37.07	48.85	≥30	PASS
Band48	5MHz	QPSK	55265	25RB#0	38.26	38.47	≥30	PASS
Band48	5MHz	QPSK	55265	1RB#24	50.04	37.5	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#0	37.43	49.6	≥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

Test Graphs

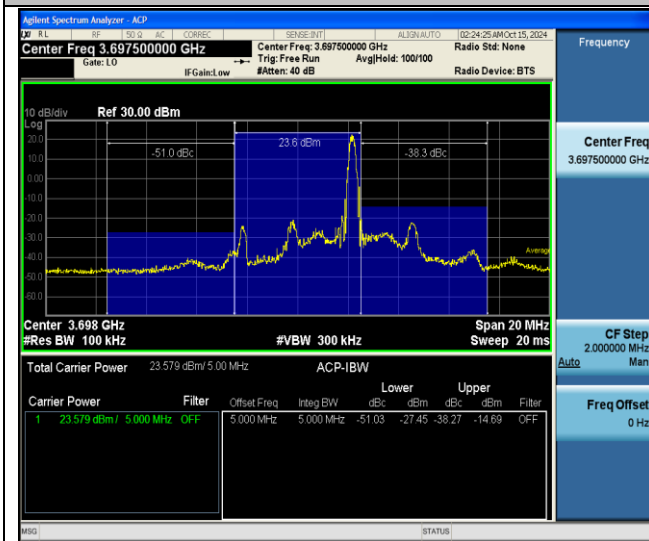




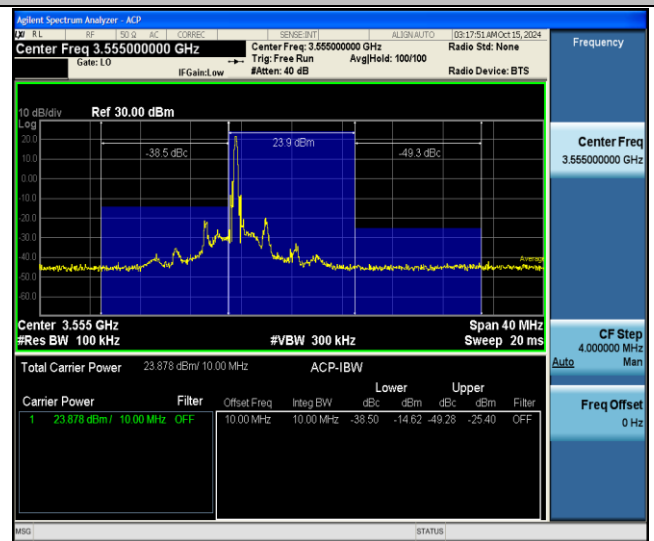
Band48-5MHz-QPSK-56715-1RB#0-PASS



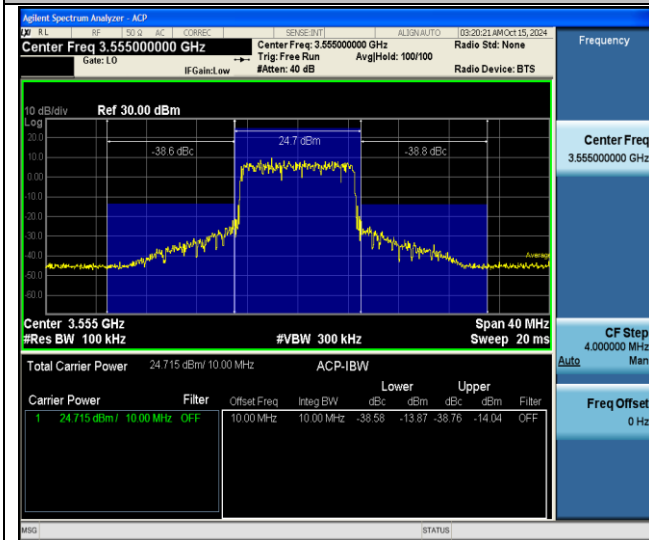
Band48-5MHz-QPSK-56715-25RB#0-PASS



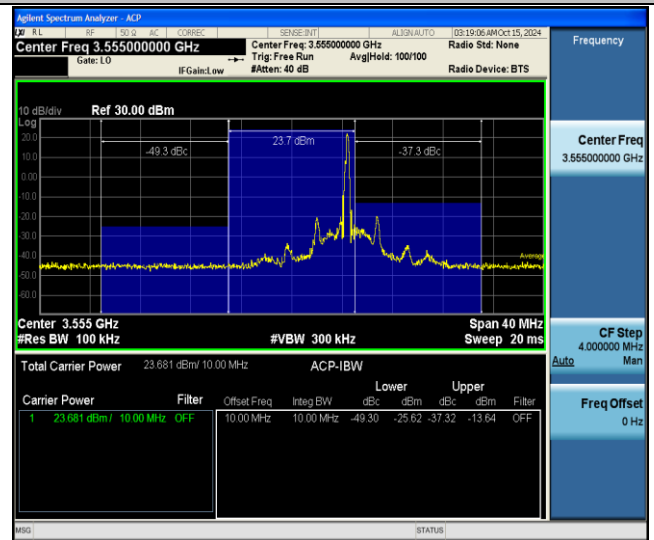
Band48-5MHz-QPSK-56715-1RB#24-PASS



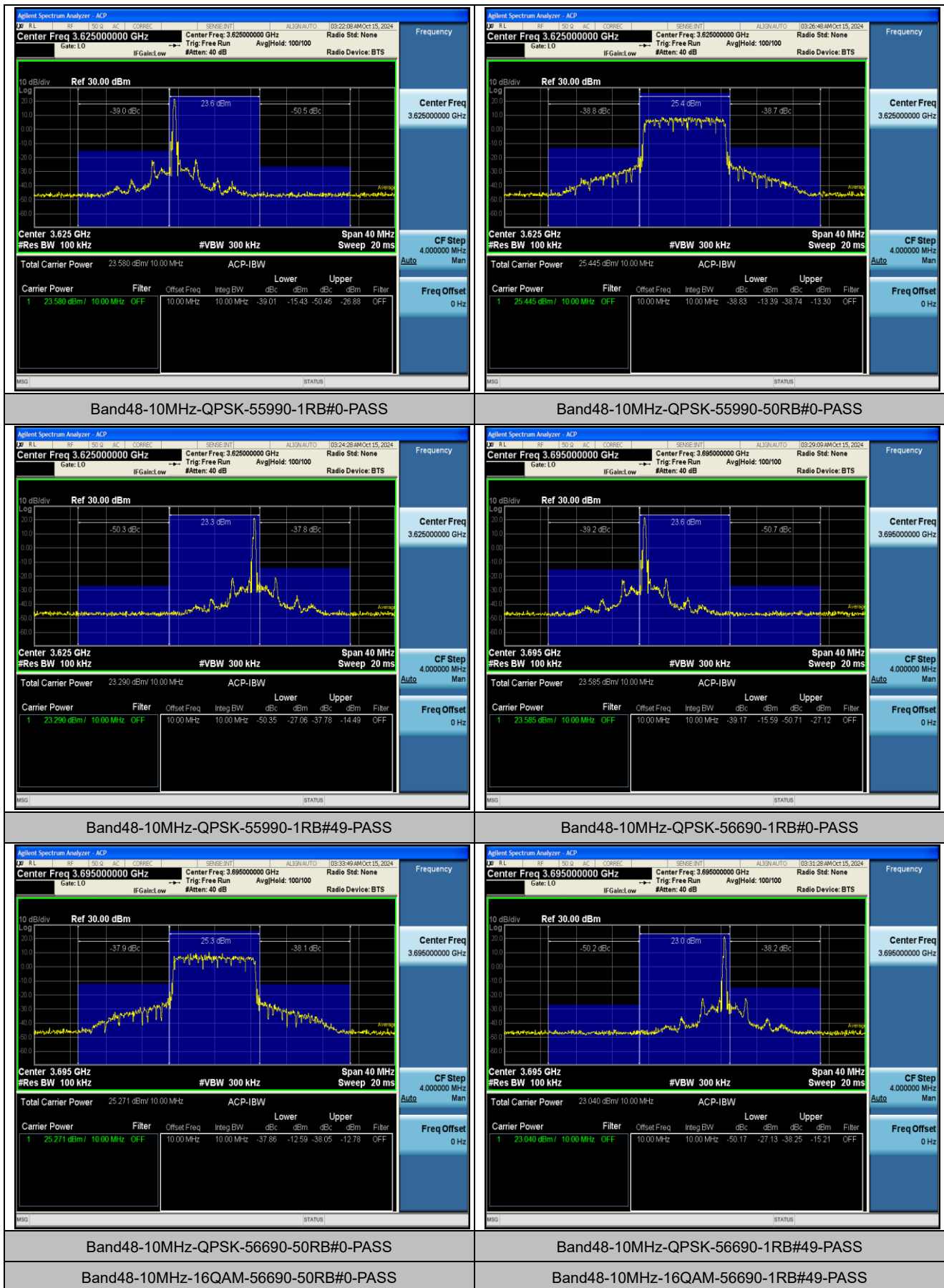
Band48-10MHz-QPSK-55290-1RB#0-PASS

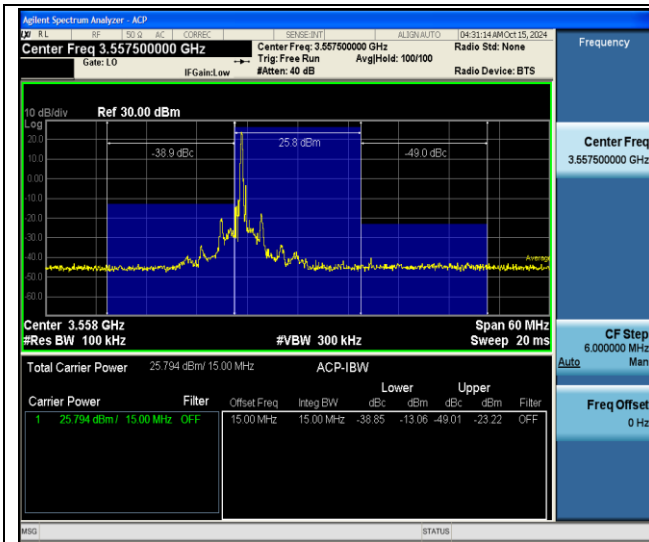


Band48-10MHz-QPSK-55290-50RB#0-PASS

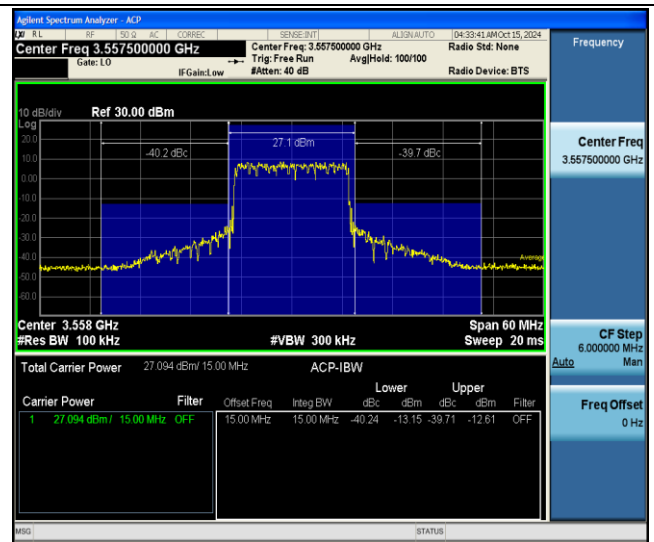


Band48-10MHz-QPSK-55290-1RB#49-PASS

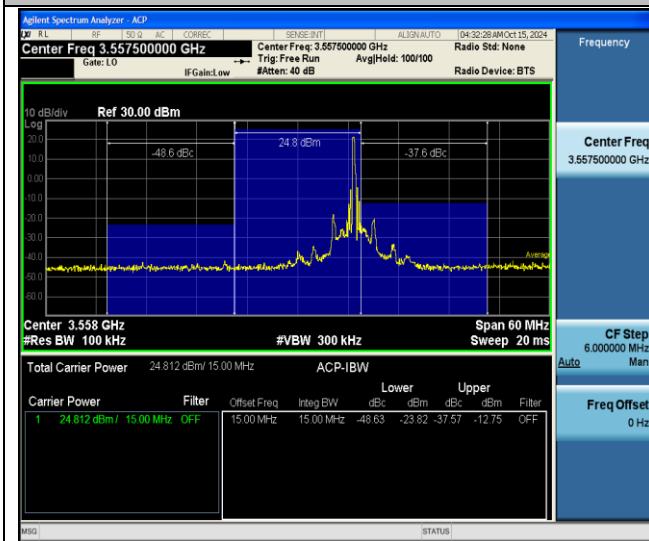




Band48-15MHz-QPSK-55315-1RB#0-PASS



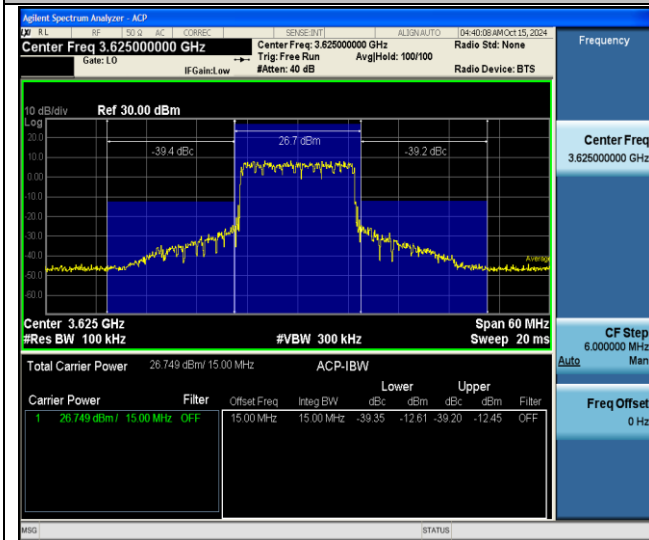
Band48-15MHz-QPSK-55315-75RB#0-PASS



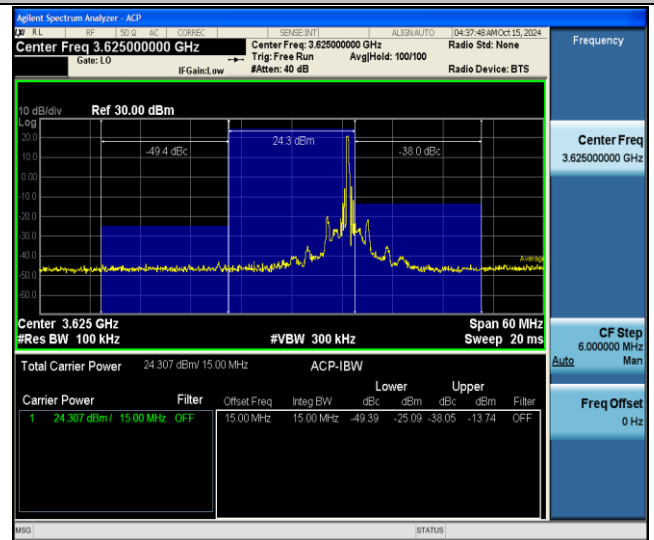
Band48-15MHz-QPSK-55315-1RB#74-PASS



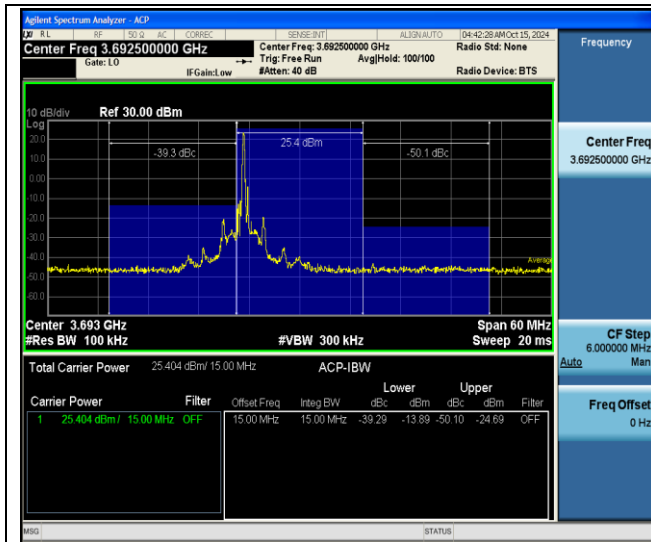
Band48-15MHz-QPSK-55990-1RB#0-PASS



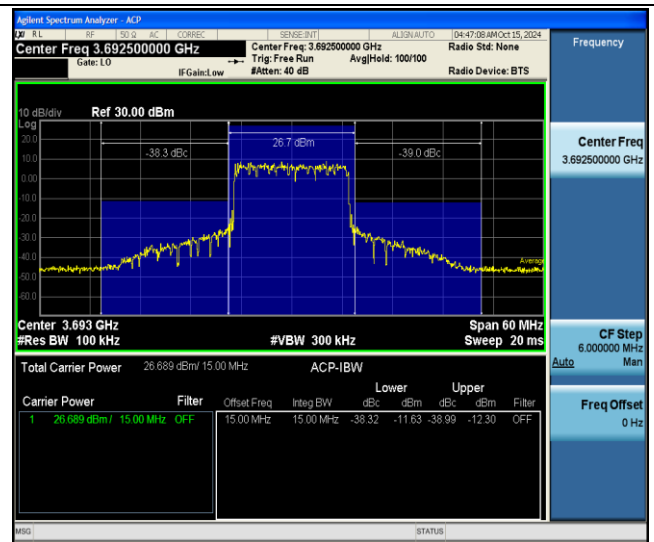
Band48-15MHz-QPSK-55990-75RB#0-PASS



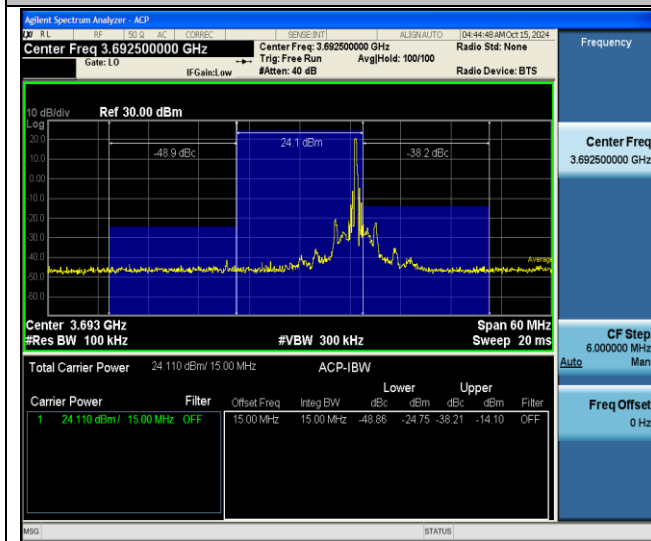
Band48-15MHz-QPSK-55990-1RB#74-PASS



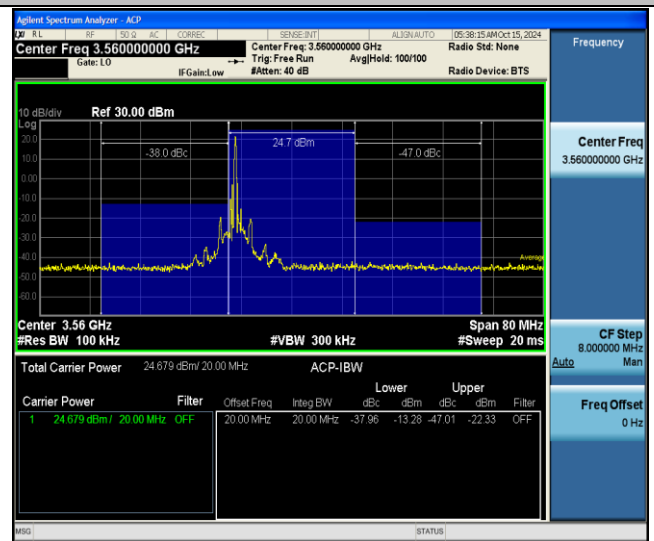
Band48-15MHz-QPSK-56665-1RB#0-PASS



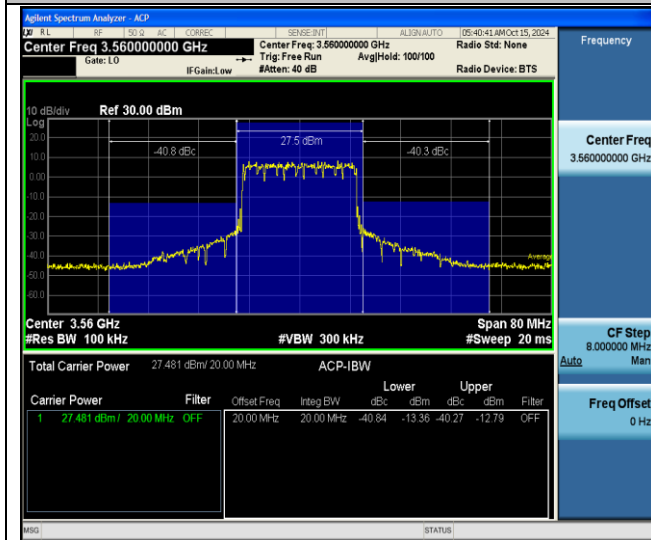
Band48-15MHz-QPSK-56665-75RB#0-PASS



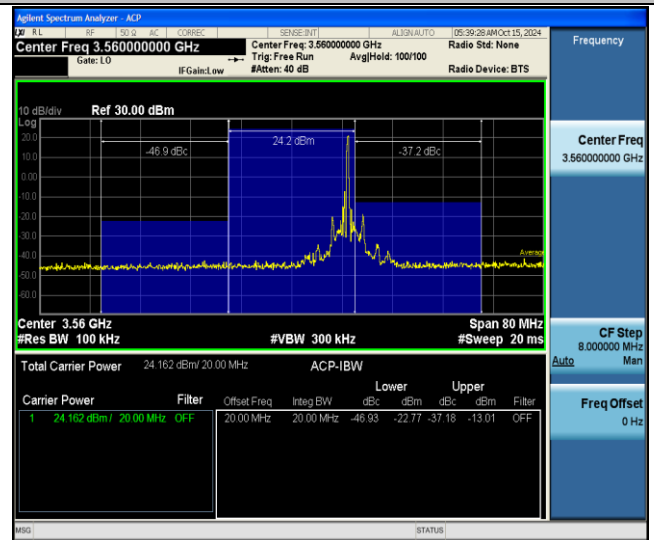
Band48-15MHz-QPSK-56665-1RB#74-PASS



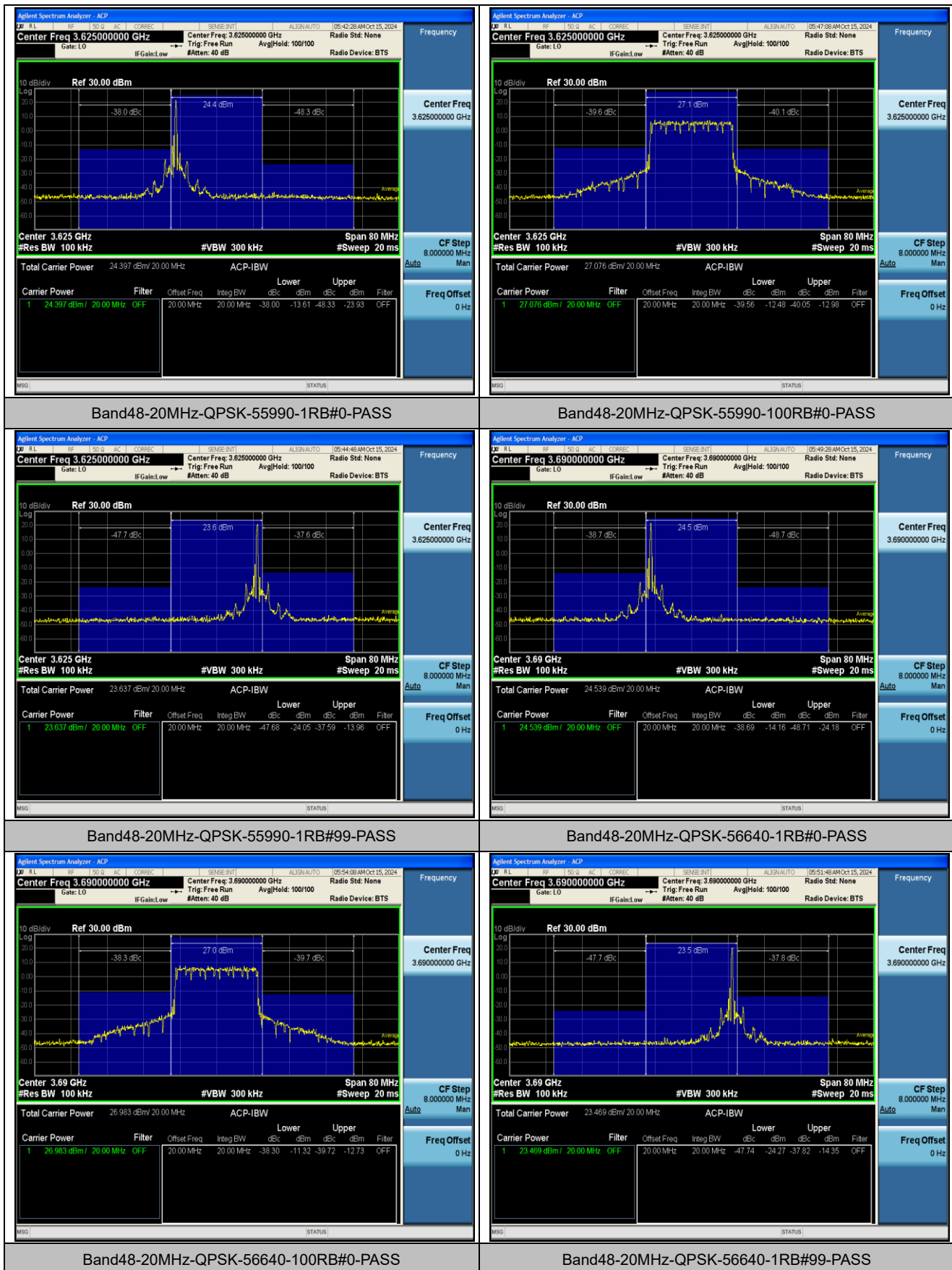
Band48-20MHz-QPSK-55340-1RB#0-PASS



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



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

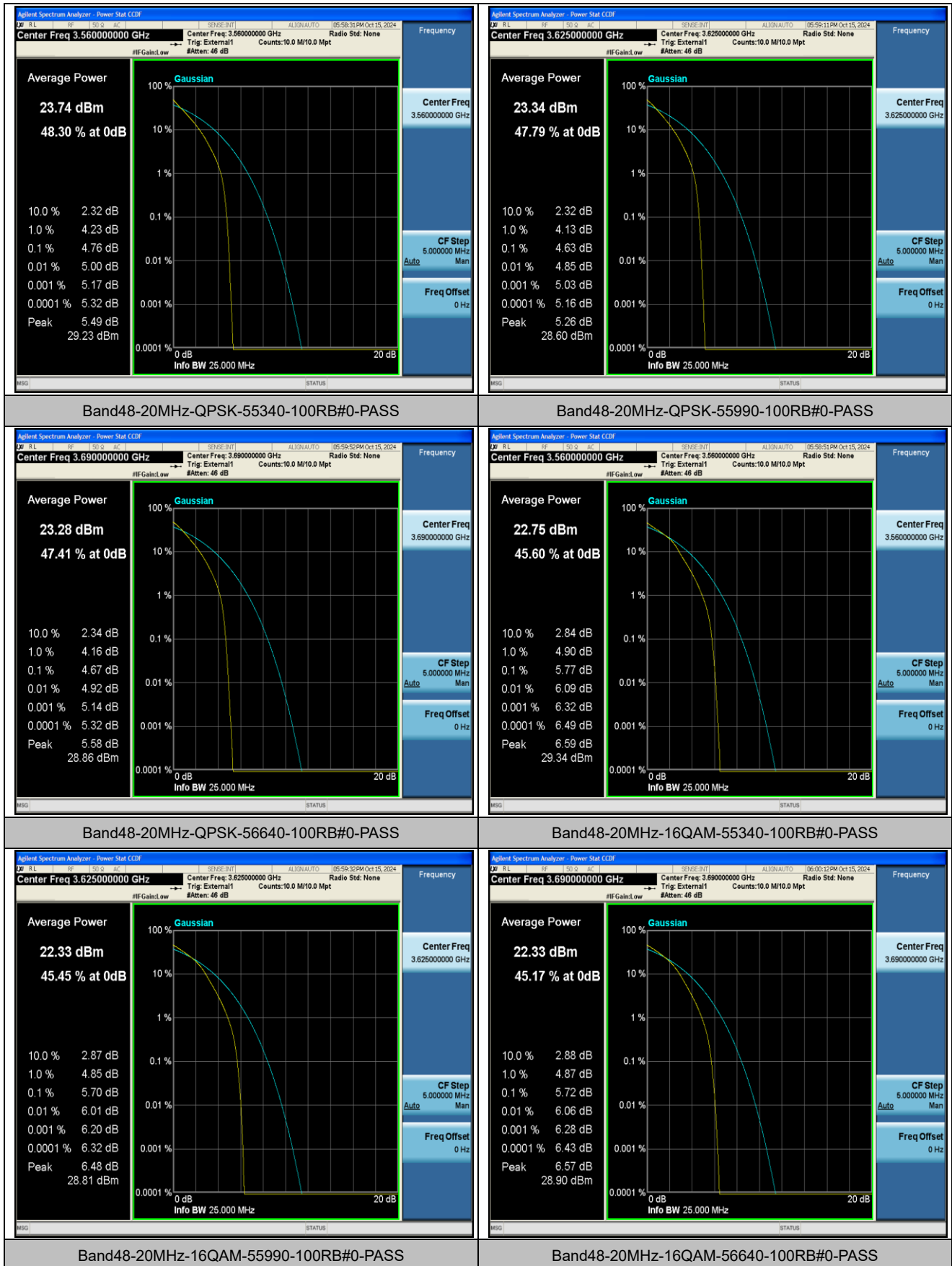


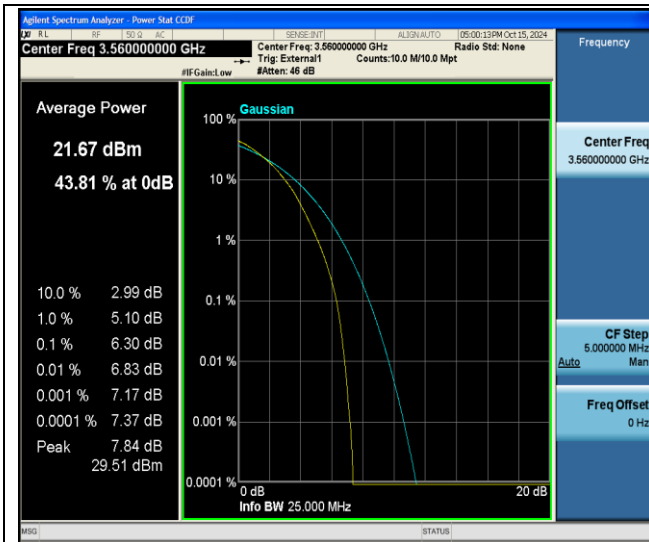
Peak-to-Average Ratio(CCDF)

Test Result

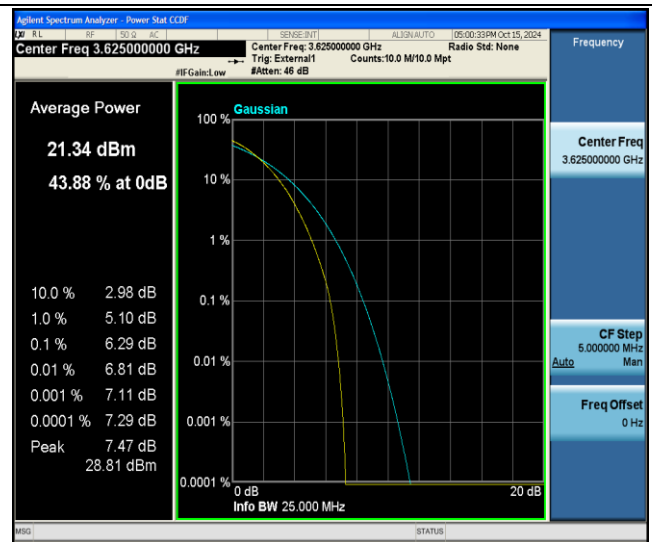
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	4.76	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	4.63	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	4.67	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	5.77	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	5.70	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

Test Graphs

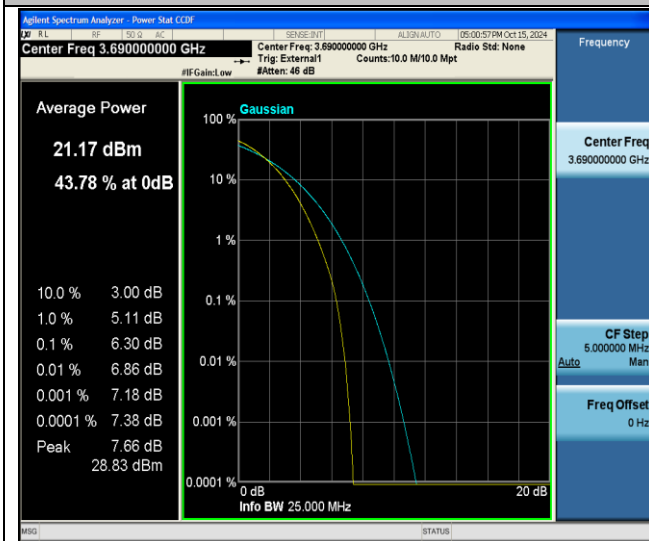




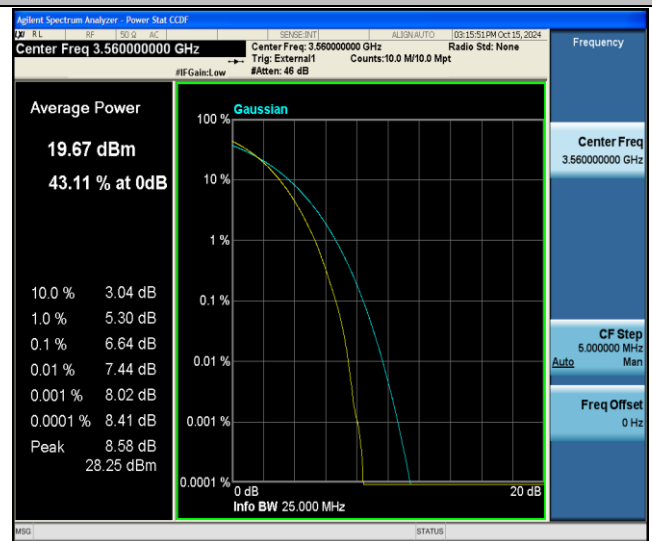
Band48-20MHz-64QAM-55340-100RB#0-PASS



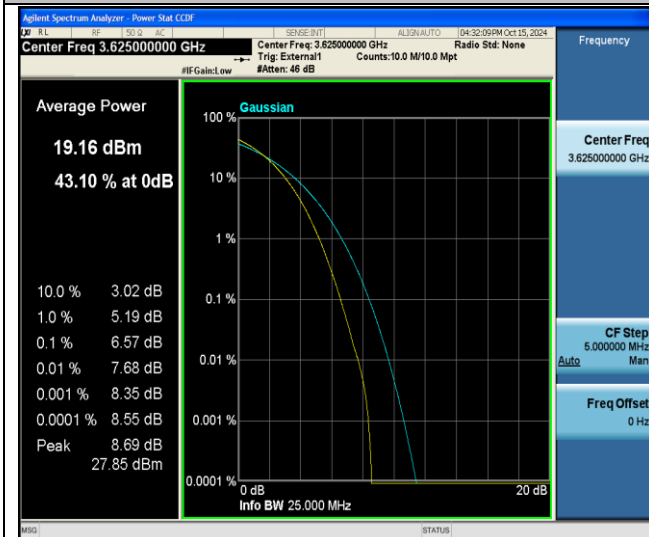
Band48-20MHz-64QAM-55990-100RB#0-PASS



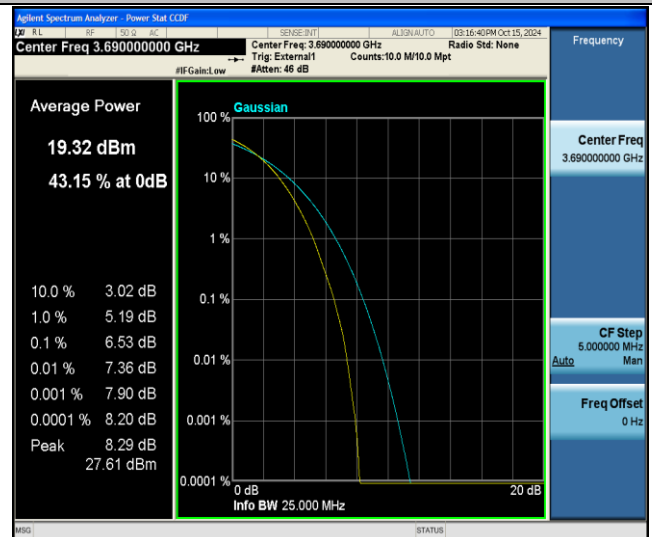
Band48-20MHz-64QAM-56640-100RB#0-PASS



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



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



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

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