

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	20.02	21.62	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.43	22.03	PASS
Band48	5MHz	QPSK	55265	1RB#24	20.37	21.97	PASS
Band48	5MHz	QPSK	55265	25RB#0	19.38	20.98	PASS
Band48	5MHz	16QAM	55265	1RB#0	19.41	21.01	PASS
Band48	5MHz	16QAM	55265	1RB#12	19.7	21.3	PASS
Band48	5MHz	16QAM	55265	1RB#24	19.39	20.99	PASS
Band48	5MHz	16QAM	55265	25RB#0	18.43	20.03	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.72	20.32	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.69	20.29	PASS
Band48	5MHz	64QAM	55265	1RB#24	18.77	20.37	PASS
Band48	5MHz	64QAM	55265	25RB#0	17.58	19.18	PASS
Band48	5MHz	QPSK	55990	1RB#0	20.38	21.98	PASS
Band48	5MHz	QPSK	55990	1RB#12	20.43	22.03	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.45	22.05	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.53	21.13	PASS
Band48	5MHz	16QAM	55990	1RB#0	19.49	21.09	PASS
Band48	5MHz	16QAM	55990	1RB#12	19.61	21.21	PASS
Band48	5MHz	16QAM	55990	1RB#24	19.48	21.08	PASS
Band48	5MHz	16QAM	55990	25RB#0	18.54	20.14	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.65	20.25	PASS
Band48	5MHz	64QAM	55990	1RB#12	18.8	20.4	PASS
Band48	5MHz	64QAM	55990	1RB#24	18.81	20.41	PASS
Band48	5MHz	64QAM	55990	25RB#0	17.53	19.13	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.23	21.83	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.28	21.88	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.25	21.85	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.33	20.93	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.37	20.97	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.44	21.04	PASS
Band48	5MHz	16QAM	56715	1RB#24	19.27	20.87	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.37	19.97	PASS
Band48	5MHz	64QAM	56715	1RB#0	18.53	20.13	PASS
Band48	5MHz	64QAM	56715	1RB#12	18.62	20.22	PASS
Band48	5MHz	64QAM	56715	1RB#24	18.44	20.04	PASS
Band48	5MHz	64QAM	56715	25RB#0	17.35	18.95	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.44	22.04	PASS

Band48	10MHz	QPSK	55290	1RB#24	20.45	22.05	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.4	22	PASS
Band48	10MHz	QPSK	55290	50RB#0	19.5	21.1	PASS
Band48	10MHz	16QAM	55290	1RB#0	19.49	21.09	PASS
Band48	10MHz	16QAM	55290	1RB#24	19.58	21.18	PASS
Band48	10MHz	16QAM	55290	1RB#49	19.5	21.1	PASS
Band48	10MHz	16QAM	55290	50RB#0	18.57	20.17	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.73	20.33	PASS
Band48	10MHz	64QAM	55290	1RB#24	18.99	20.59	PASS
Band48	10MHz	64QAM	55290	1RB#49	18.6	20.2	PASS
Band48	10MHz	64QAM	55290	50RB#0	17.6	19.2	PASS
Band48	10MHz	QPSK	55990	1RB#0	20.54	22.14	PASS
Band48	10MHz	QPSK	55990	1RB#24	20.57	22.17	PASS
Band48	10MHz	QPSK	55990	1RB#49	20.48	22.08	PASS
Band48	10MHz	QPSK	55990	50RB#0	19.47	21.07	PASS
Band48	10MHz	16QAM	55990	1RB#0	19.63	21.23	PASS
Band48	10MHz	16QAM	55990	1RB#24	19.64	21.24	PASS
Band48	10MHz	16QAM	55990	1RB#49	19.66	21.26	PASS
Band48	10MHz	16QAM	55990	50RB#0	18.54	20.14	PASS
Band48	10MHz	64QAM	55990	1RB#0	18.78	20.38	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.86	20.46	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.88	20.48	PASS
Band48	10MHz	64QAM	55990	50RB#0	17.63	19.23	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.19	21.79	PASS
Band48	10MHz	QPSK	56690	1RB#24	20.22	21.82	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.27	21.87	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.29	20.89	PASS
Band48	10MHz	16QAM	56690	1RB#0	19.29	20.89	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.41	21.01	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.13	20.73	PASS
Band48	10MHz	16QAM	56690	50RB#0	18.37	19.97	PASS
Band48	10MHz	64QAM	56690	1RB#0	18.56	20.16	PASS
Band48	10MHz	64QAM	56690	1RB#24	18.5	20.1	PASS
Band48	10MHz	64QAM	56690	1RB#49	18.5	20.1	PASS
Band48	10MHz	64QAM	56690	50RB#0	17.36	18.96	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.32	21.92	PASS
Band48	15MHz	QPSK	55315	1RB#38	20.64	22.24	PASS
Band48	15MHz	QPSK	55315	1RB#74	20.37	21.97	PASS
Band48	15MHz	QPSK	55315	75RB#0	19.48	21.08	PASS
Band48	15MHz	16QAM	55315	1RB#0	19.29	20.89	PASS
Band48	15MHz	16QAM	55315	1RB#38	19.4	21	PASS
Band48	15MHz	16QAM	55315	1RB#74	19.56	21.16	PASS
Band48	15MHz	16QAM	55315	75RB#0	18.46	20.06	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.93	20.53	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.66	20.26	PASS

Band48	15MHz	64QAM	55315	1RB#74	18.71	20.31	PASS
Band48	15MHz	64QAM	55315	75RB#0	17.55	19.15	PASS
Band48	15MHz	QPSK	55990	1RB#0	20.55	22.15	PASS
Band48	15MHz	QPSK	55990	1RB#38	20.58	22.18	PASS
Band48	15MHz	QPSK	55990	1RB#74	20.63	22.23	PASS
Band48	15MHz	QPSK	55990	75RB#0	19.49	21.09	PASS
Band48	15MHz	16QAM	55990	1RB#0	19.41	21.01	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.43	21.03	PASS
Band48	15MHz	16QAM	55990	1RB#74	19.77	21.37	PASS
Band48	15MHz	16QAM	55990	75RB#0	18.45	20.05	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.77	20.37	PASS
Band48	15MHz	64QAM	55990	1RB#38	19.14	20.74	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.96	20.56	PASS
Band48	15MHz	64QAM	55990	75RB#0	17.58	19.18	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.11	21.71	PASS
Band48	15MHz	QPSK	56665	1RB#38	20.16	21.76	PASS
Band48	15MHz	QPSK	56665	1RB#74	20.5	22.1	PASS
Band48	15MHz	QPSK	56665	75RB#0	19.3	20.9	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.19	20.79	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.42	21.02	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.41	21.01	PASS
Band48	15MHz	16QAM	56665	75RB#0	18.33	19.93	PASS
Band48	15MHz	64QAM	56665	1RB#0	18.69	20.29	PASS
Band48	15MHz	64QAM	56665	1RB#38	18.53	20.13	PASS
Band48	15MHz	64QAM	56665	1RB#74	18.62	20.22	PASS
Band48	15MHz	64QAM	56665	75RB#0	17.33	18.93	PASS
Band48	20MHz	QPSK	55340	1RB#0	20.43	22.03	PASS
Band48	20MHz	QPSK	55340	1RB#49	20.52	22.12	PASS
Band48	20MHz	QPSK	55340	1RB#99	20.56	22.16	PASS
Band48	20MHz	QPSK	55340	100RB#0	19.45	21.05	PASS
Band48	20MHz	16QAM	55340	1RB#0	19.59	21.19	PASS
Band48	20MHz	16QAM	55340	1RB#49	19.48	21.08	PASS
Band48	20MHz	16QAM	55340	1RB#99	19.67	21.27	PASS
Band48	20MHz	16QAM	55340	100RB#0	18.49	20.09	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.87	20.47	PASS
Band48	20MHz	64QAM	55340	1RB#49	18.83	20.43	PASS
Band48	20MHz	64QAM	55340	1RB#99	18.75	20.35	PASS
Band48	20MHz	64QAM	55340	100RB#0	17.42	19.02	PASS
Band48	20MHz	QPSK	55990	1RB#0	20.54	22.14	PASS
Band48	20MHz	QPSK	55990	1RB#49	20.55	22.15	PASS
Band48	20MHz	QPSK	55990	1RB#99	20.57	22.17	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.51	21.11	PASS
Band48	20MHz	16QAM	55990	1RB#0	19.22	20.82	PASS
Band48	20MHz	16QAM	55990	1RB#49	19.71	21.31	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.22	20.82	PASS

Band48	20MHz	16QAM	55990	100RB#0	18.5	20.1	PASS
Band48	20MHz	64QAM	55990	1RB#0	19.05	20.65	PASS
Band48	20MHz	64QAM	55990	1RB#49	19.21	20.81	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.62	20.22	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.48	19.08	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.27	21.87	PASS
Band48	20MHz	QPSK	56640	1RB#49	20.25	21.85	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.41	22.01	PASS
Band48	20MHz	QPSK	56640	100RB#0	19.24	20.84	PASS
Band48	20MHz	16QAM	56640	1RB#0	19.42	21.02	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.21	20.81	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.46	21.06	PASS
Band48	20MHz	16QAM	56640	100RB#0	18.29	19.89	PASS
Band48	20MHz	64QAM	56640	1RB#0	18.77	20.37	PASS
Band48	20MHz	64QAM	56640	1RB#49	18.51	20.11	PASS
Band48	20MHz	64QAM	56640	1RB#99	18.33	19.93	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.33	18.93	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	20.87	22.47	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.91	22.51	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	20.79	22.39	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	19.54	21.14	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	20.91	22.51	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	20.94	22.54	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.85	22.45	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.64	21.24	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.28	21.88	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.38	21.98	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.28	21.88	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.12	20.72	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.92	22.52	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	20.96	22.56	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.99	22.59	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	18.97	20.57	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	21.06	22.66	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	21.01	22.61	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	21.02	22.62	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	19.06	20.66	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.29	21.89	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	20.32	21.92	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.32	21.92	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	18.44	20.04	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.97	22.57	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	21.12	22.72	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	21.06	22.66	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	17.69	19.29	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	21.12	22.72	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	21.25	22.85	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	21.06	22.66	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	17.82	19.42	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.40	22	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	20.44	22.04	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	20.36	21.96	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	17.17	18.77	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	20.94	22.54	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	21.09	22.69	23	PASS
Band48	20MHz	QPSK	55340	1RB#99	21.02	22.62	23	PASS

Band48	20MHz	QPSK	55340	100RB#0	16.47	18.07	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.14	22.74	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	21.10	22.7	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	21.21	22.81	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	16.55	18.15	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.58	22.18	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	20.41	22.01	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.41	22.01	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	15.90	17.5	23	PASS

Adjacent Channel Leakage Ratio

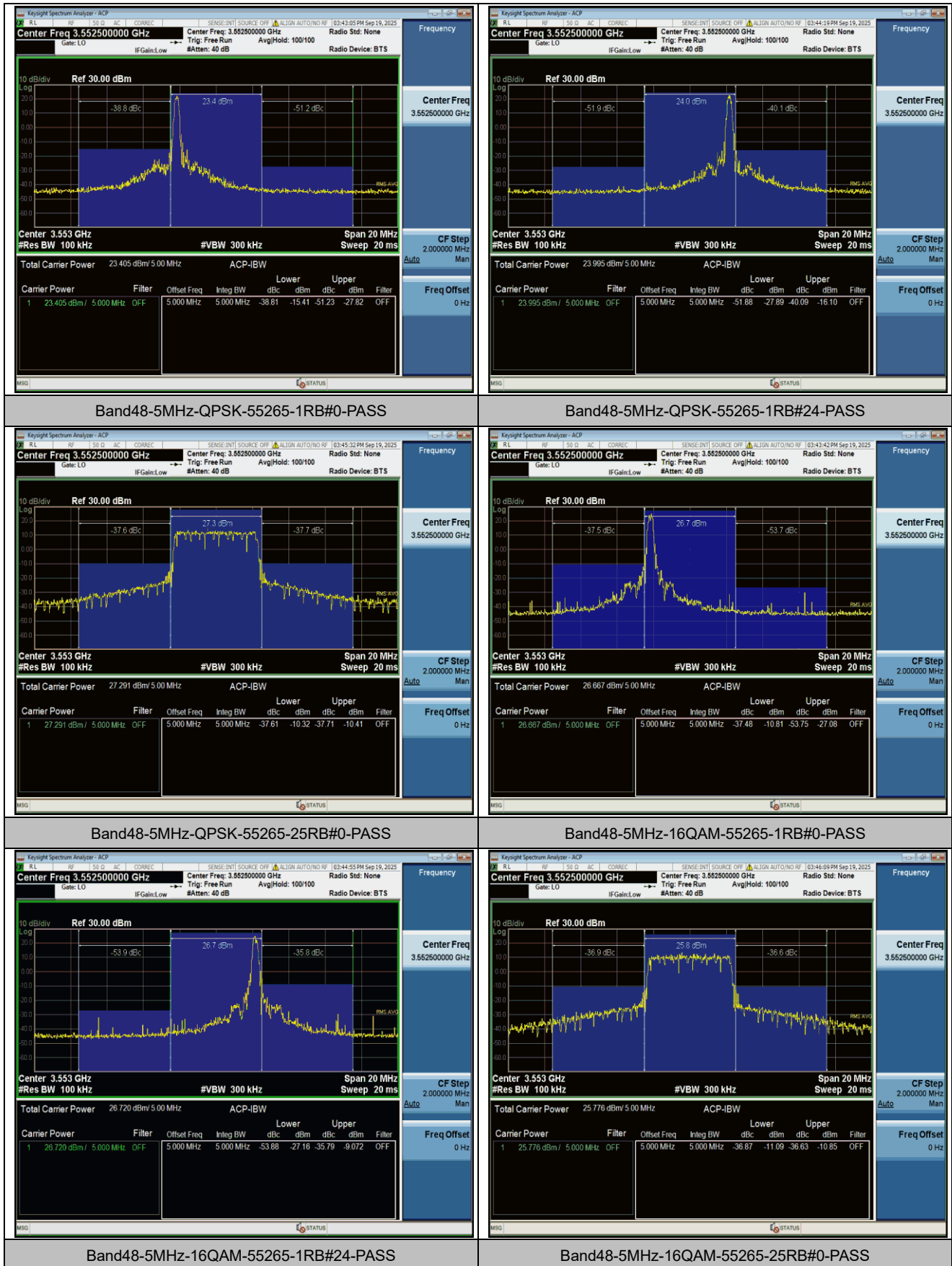
Test Result

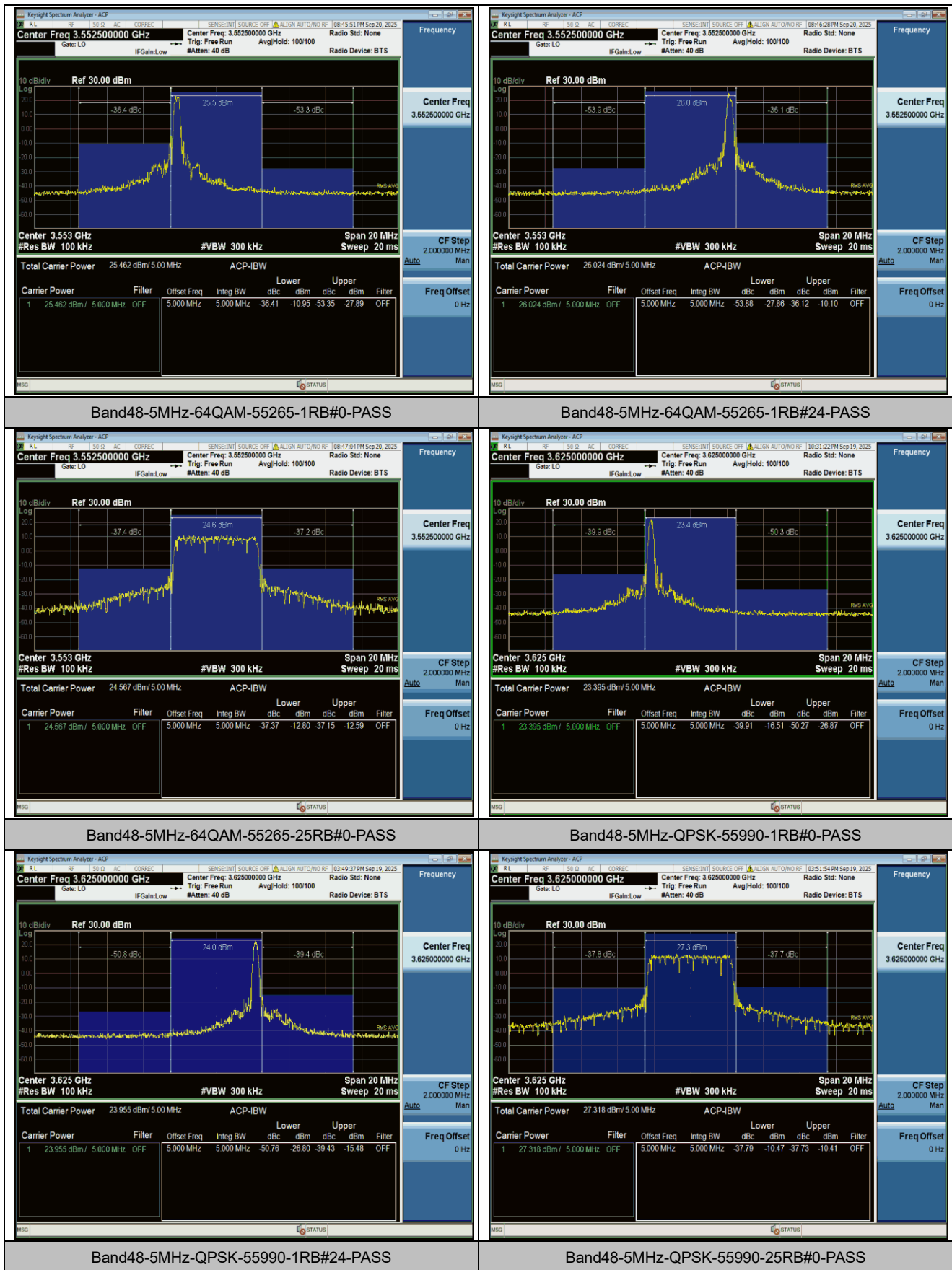
Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	38.81	51.23	≥30	PASS
Band48	5MHz	QPSK	55265	1RB#24	51.88	40.09	≥30	PASS
Band48	5MHz	QPSK	55265	25RB#0	37.61	37.71	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#0	37.48	53.75	≥30	PASS
Band48	5MHz	16QAM	55265	1RB#24	53.88	35.79	≥30	PASS
Band48	5MHz	16QAM	55265	25RB#0	36.87	36.63	≥30	PASS
Band48	5MHz	64QAM	55265	1RB#0	36.41	53.35	≥30	PASS
Band48	5MHz	64QAM	55265	1RB#24	53.88	36.12	≥30	PASS
Band48	5MHz	64QAM	55265	25RB#0	37.37	37.15	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#0	39.91	50.27	≥30	PASS
Band48	5MHz	QPSK	55990	1RB#24	50.76	39.43	≥30	PASS
Band48	5MHz	QPSK	55990	25RB#0	37.79	37.73	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#0	37.01	52.91	≥30	PASS
Band48	5MHz	16QAM	55990	1RB#24	52.82	35.57	≥30	PASS
Band48	5MHz	16QAM	55990	25RB#0	36.98	36.68	≥30	PASS
Band48	5MHz	64QAM	55990	1RB#0	37.22	52.66	≥30	PASS
Band48	5MHz	64QAM	55990	1RB#24	52.8	36.51	≥30	PASS
Band48	5MHz	64QAM	55990	25RB#0	37.59	37.6	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#0	40.2	50.65	≥30	PASS
Band48	5MHz	QPSK	56715	1RB#24	51.24	40.25	≥30	PASS
Band48	5MHz	QPSK	56715	25RB#0	39.27	39	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#0	38.51	53.73	≥30	PASS
Band48	5MHz	16QAM	56715	1RB#24	53.26	37.38	≥30	PASS
Band48	5MHz	16QAM	56715	25RB#0	38.2	38.2	≥30	PASS
Band48	5MHz	64QAM	56715	1RB#0	36.36	53.22	≥30	PASS
Band48	5MHz	64QAM	56715	1RB#24	53.23	36.57	≥30	PASS
Band48	5MHz	64QAM	56715	25RB#0	39.58	39.39	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#0	41.11	48.77	≥30	PASS
Band48	10MHz	QPSK	55290	1RB#49	48.71	41.53	≥30	PASS
Band48	10MHz	QPSK	55290	50RB#0	37.91	37.8	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#0	40.68	51.14	≥30	PASS
Band48	10MHz	16QAM	55290	1RB#49	50.75	40.69	≥30	PASS
Band48	10MHz	16QAM	55290	50RB#0	37.48	37.15	≥30	PASS
Band48	10MHz	64QAM	55290	1RB#0	40.55	50.66	≥30	PASS
Band48	10MHz	64QAM	55290	1RB#49	50.11	40.91	≥30	PASS
Band48	10MHz	64QAM	55290	50RB#0	37.25	37.03	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#0	41.16	48.27	≥30	PASS
Band48	10MHz	QPSK	55990	1RB#49	47.43	40.14	≥30	PASS
Band48	10MHz	QPSK	55990	50RB#0	37.88	37.85	≥30	PASS

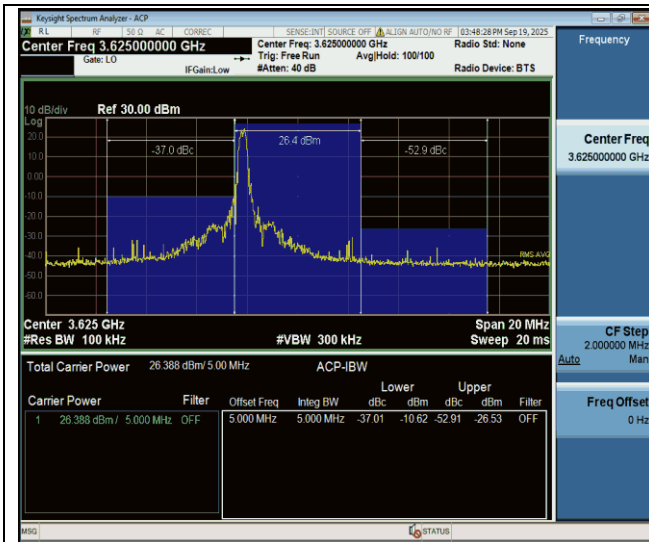
Band48	10MHz	16QAM	55990	1RB#0	41.16	50.43	≥30	PASS
Band48	10MHz	16QAM	55990	1RB#49	49.53	40.54	≥30	PASS
Band48	10MHz	16QAM	55990	50RB#0	37.39	37.21	≥30	PASS
Band48	10MHz	64QAM	55990	1RB#0	41.06	49.86	≥30	PASS
Band48	10MHz	64QAM	55990	1RB#49	48.93	41.15	≥30	PASS
Band48	10MHz	64QAM	55990	50RB#0	37.05	37.01	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#0	42.52	48.39	≥30	PASS
Band48	10MHz	QPSK	56690	1RB#49	48.11	41.55	≥30	PASS
Band48	10MHz	QPSK	56690	50RB#0	39.89	39.74	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#0	41.5	51.02	≥30	PASS
Band48	10MHz	16QAM	56690	1RB#49	50.21	41.02	≥30	PASS
Band48	10MHz	16QAM	56690	50RB#0	39.07	39.1	≥30	PASS
Band48	10MHz	64QAM	56690	1RB#0	41.84	50.15	≥30	PASS
Band48	10MHz	64QAM	56690	1RB#49	49.48	41.35	≥30	PASS
Band48	10MHz	64QAM	56690	50RB#0	39.41	39.13	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#0	41.59	47.72	≥30	PASS
Band48	15MHz	QPSK	55315	1RB#74	47.29	41.78	≥30	PASS
Band48	15MHz	QPSK	55315	75RB#0	37.35	37.05	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#0	42.41	50.27	≥30	PASS
Band48	15MHz	16QAM	55315	1RB#74	48.87	40.32	≥30	PASS
Band48	15MHz	16QAM	55315	75RB#0	36.93	36.93	≥30	PASS
Band48	15MHz	64QAM	55315	1RB#0	42.75	50.19	≥30	PASS
Band48	15MHz	64QAM	55315	1RB#74	47.45	39.24	≥30	PASS
Band48	15MHz	64QAM	55315	75RB#0	36.58	36.71	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#0	42.65	47.24	≥30	PASS
Band48	15MHz	QPSK	55990	1RB#74	46.18	40.55	≥30	PASS
Band48	15MHz	QPSK	55990	75RB#0	37.11	37.09	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#0	42.67	49.79	≥30	PASS
Band48	15MHz	16QAM	55990	1RB#74	47.55	40.76	≥30	PASS
Band48	15MHz	16QAM	55990	75RB#0	36.92	37.09	≥30	PASS
Band48	15MHz	64QAM	55990	1RB#0	42.96	49.83	≥30	PASS
Band48	15MHz	64QAM	55990	1RB#74	46.4	39.72	≥30	PASS
Band48	15MHz	64QAM	55990	75RB#0	36.73	36.9	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#0	42.84	47.46	≥30	PASS
Band48	15MHz	QPSK	56665	1RB#74	46.46	39.93	≥30	PASS
Band48	15MHz	QPSK	56665	75RB#0	39.23	39.11	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#0	42.64	49.78	≥30	PASS
Band48	15MHz	16QAM	56665	1RB#74	47.77	40.32	≥30	PASS
Band48	15MHz	16QAM	56665	75RB#0	39.26	39.16	≥30	PASS
Band48	15MHz	64QAM	56665	1RB#0	44.06	49.76	≥30	PASS
Band48	15MHz	64QAM	56665	1RB#74	47.02	40.27	≥30	PASS
Band48	15MHz	64QAM	56665	75RB#0	38.94	38.95	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#0	41.59	45.92	≥30	PASS
Band48	20MHz	QPSK	55340	1RB#99	45.79	41.7	≥30	PASS
Band48	20MHz	QPSK	55340	100RB#0	36.93	36.87	≥30	PASS

Band48	20MHz	16QAM	55340	1RB#0	43.77	49.53	≥30	PASS
Band48	20MHz	16QAM	55340	1RB#99	46.77	39.26	≥30	PASS
Band48	20MHz	16QAM	55340	100RB#0	36.4	36.52	≥30	PASS
Band48	20MHz	64QAM	55340	1RB#0	44.41	49.48	≥30	PASS
Band48	20MHz	64QAM	55340	1RB#99	46.18	41.18	≥30	PASS
Band48	20MHz	64QAM	55340	100RB#0	36.32	36.46	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#0	41.63	45.44	≥30	PASS
Band48	20MHz	QPSK	55990	1RB#99	44.2	41.17	≥30	PASS
Band48	20MHz	QPSK	55990	100RB#0	37.01	36.9	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#0	43.11	48.68	≥30	PASS
Band48	20MHz	16QAM	55990	1RB#99	45.29	40.4	≥30	PASS
Band48	20MHz	16QAM	55990	100RB#0	36.32	36.4	≥30	PASS
Band48	20MHz	64QAM	55990	1RB#0	44.06	49.29	≥30	PASS
Band48	20MHz	64QAM	55990	1RB#99	43.96	39.55	≥30	PASS
Band48	20MHz	64QAM	55990	100RB#0	35.97	36.06	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#0	42.22	45.69	≥30	PASS
Band48	20MHz	QPSK	56640	1RB#99	44.78	40.63	≥30	PASS
Band48	20MHz	QPSK	56640	100RB#0	39.16	38.96	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#0	43.98	49.26	≥30	PASS
Band48	20MHz	16QAM	56640	1RB#99	45.75	40.41	≥30	PASS
Band48	20MHz	16QAM	56640	100RB#0	38.48	38.55	≥30	PASS
Band48	20MHz	64QAM	56640	1RB#0	44.18	49.03	≥30	PASS
Band48	20MHz	64QAM	56640	1RB#99	45.02	40.54	≥30	PASS
Band48	20MHz	64QAM	56640	100RB#0	37.85	37.66	≥30	PASS

Test Graphs







Band48-5MHz-16QAM-55990-1RB#0-PASS



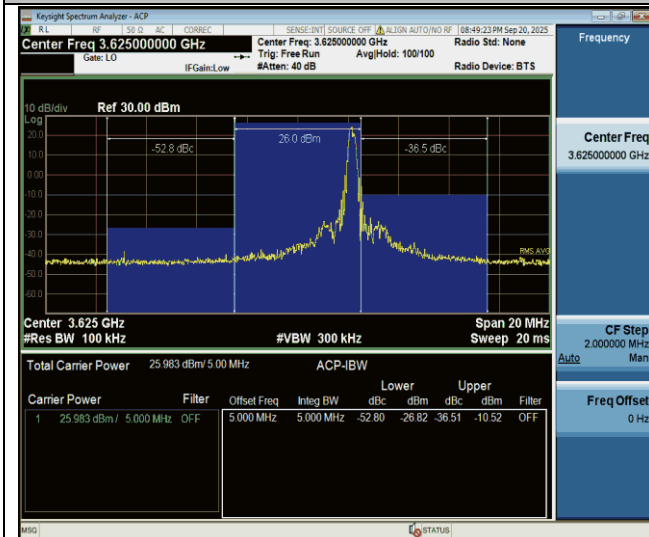
Band48-5MHz-16QAM-55990-1RB#24-PASS



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



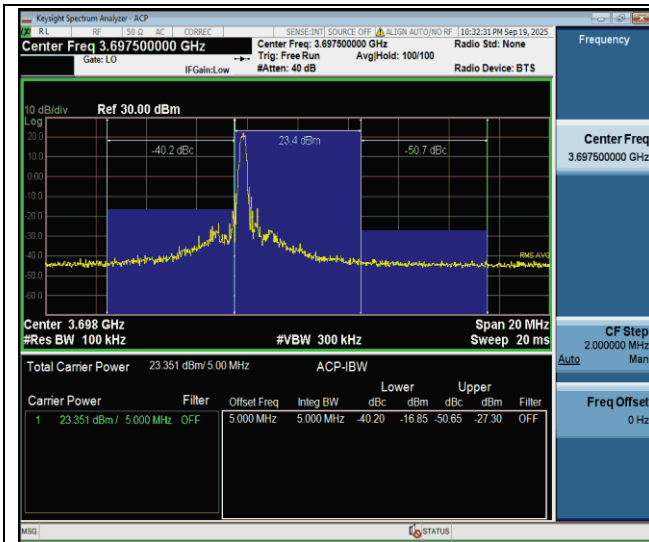
Band48-5MHz-64QAM-55990-1RB#0-PASS



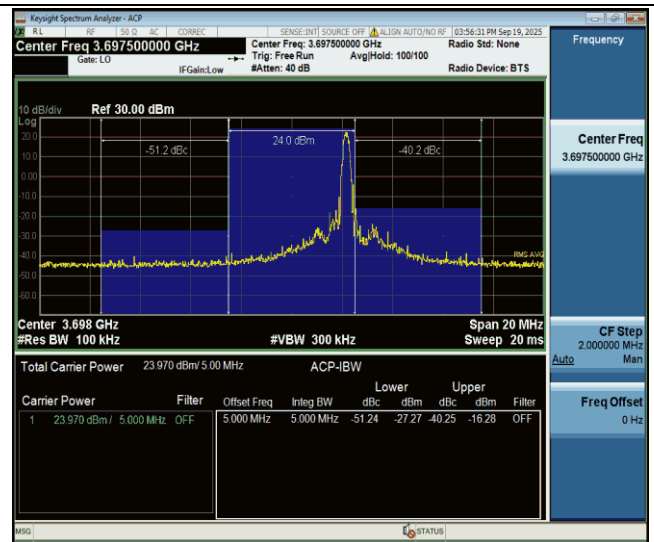
Band48-5MHz-64QAM-55990-1RB#24-PASS



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



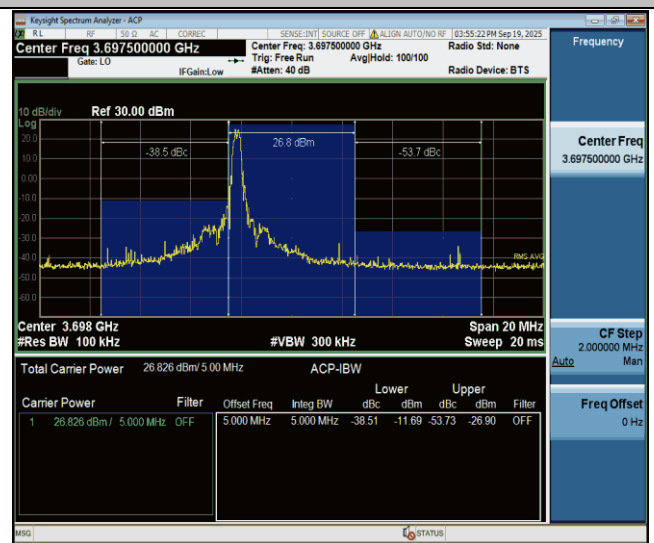
Band48-5MHz-QPSK-56715-1RB#0-PASS



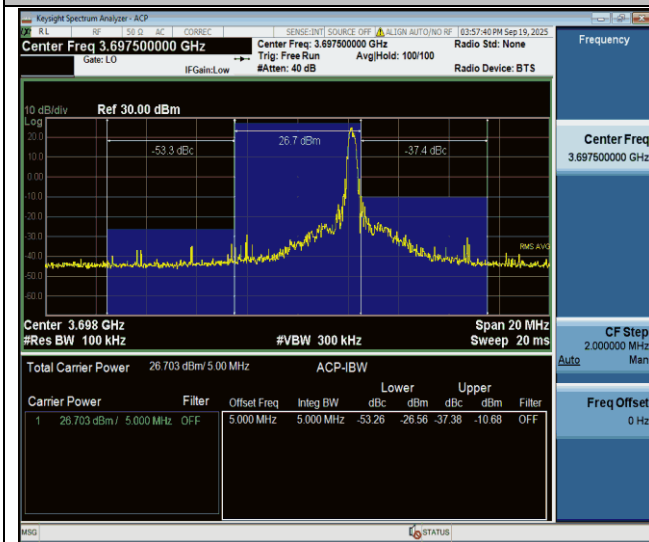
Band48-5MHz-QPSK-56715-1RB#24-PASS



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



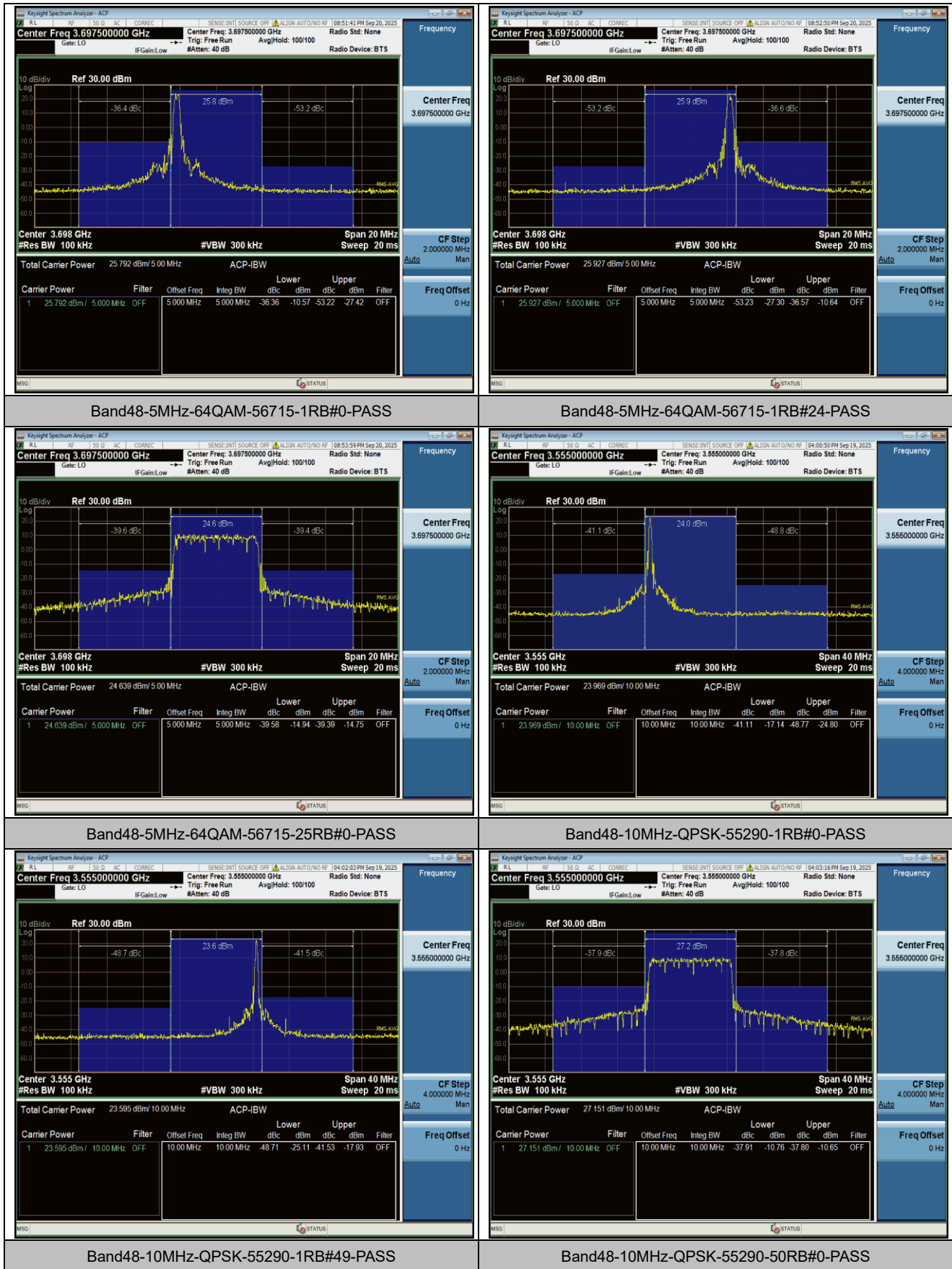
Band48-5MHz-16QAM-56715-1RB#0-PASS

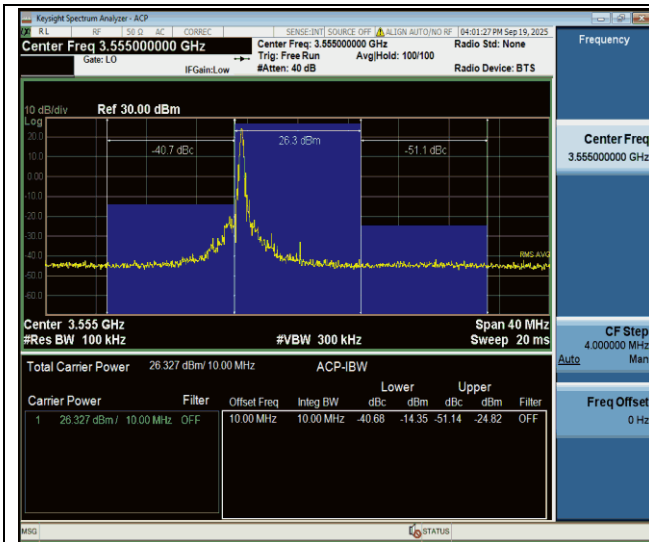


Band48-5MHz-16QAM-56715-1RB#24-PASS

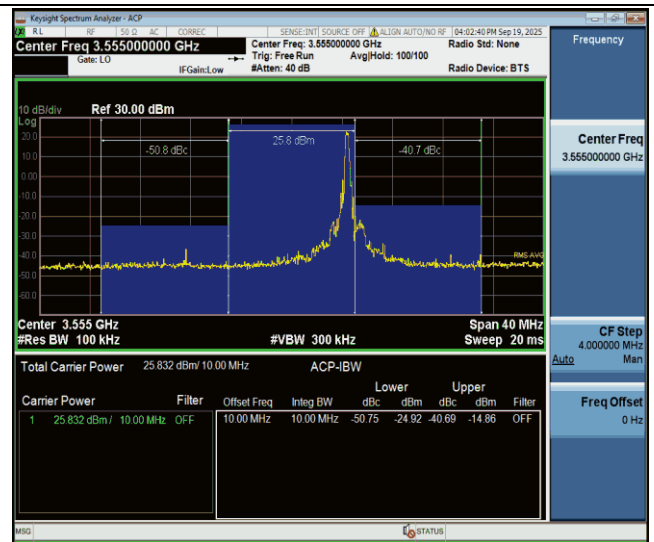


Band48-5MHz-16QAM-56715-25RB#0-PASS





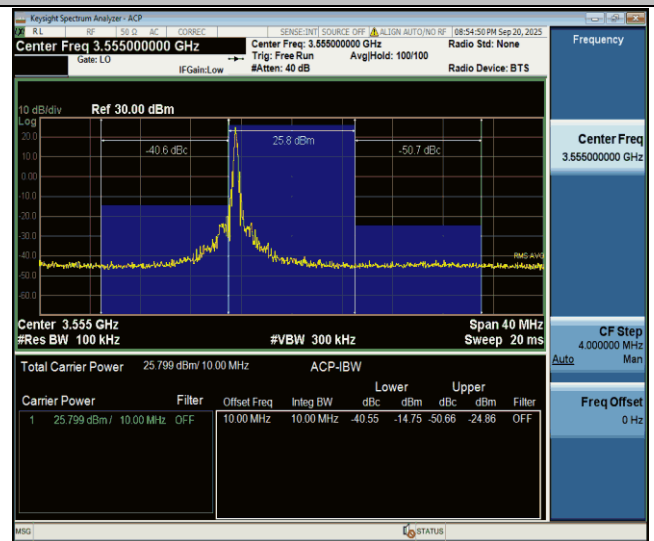
Band48-10MHz-16QAM-55290-1RB#0-PASS



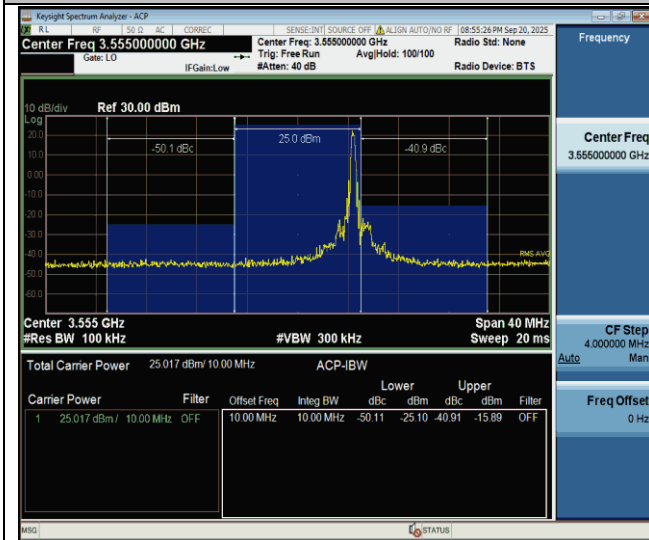
Band48-10MHz-16QAM-55290-1RB#49-PASS



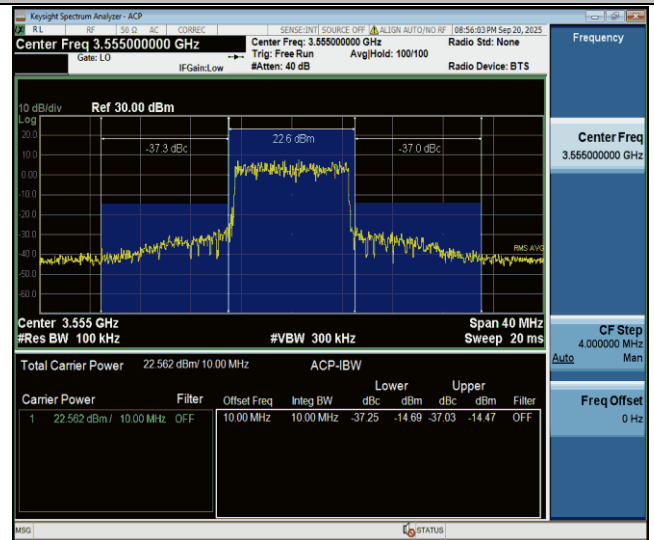
Band48-10MHz-16QAM-55290-50RB#0-PASS



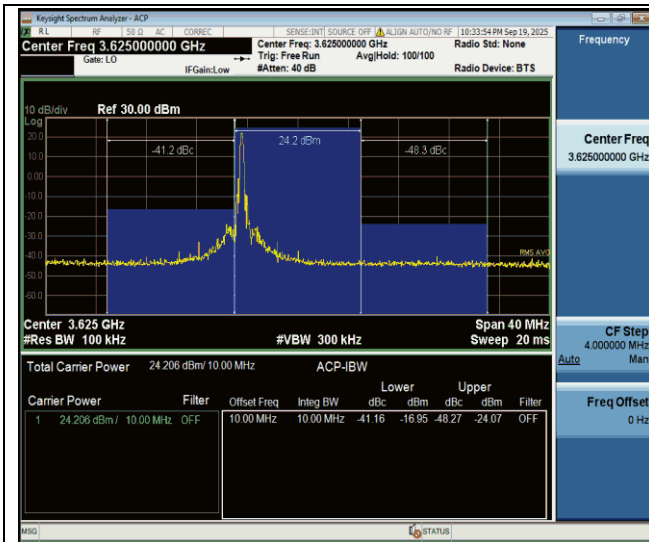
Band48-10MHz-64QAM-55290-1RB#0-PASS



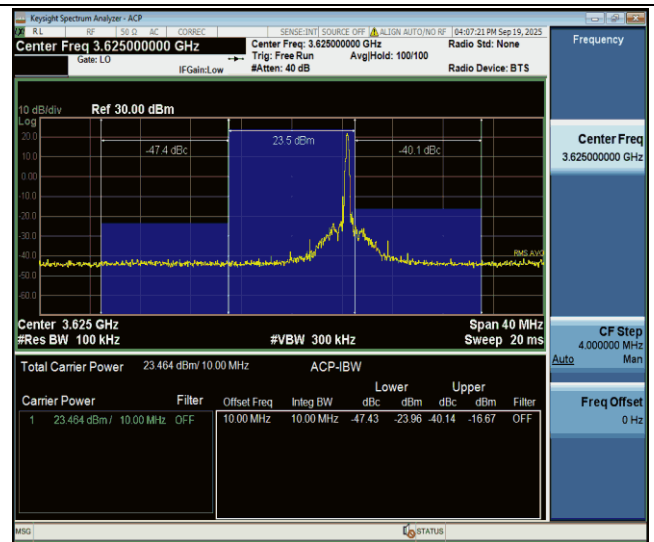
Band48-10MHz-64QAM-55290-1RB#49-PASS



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



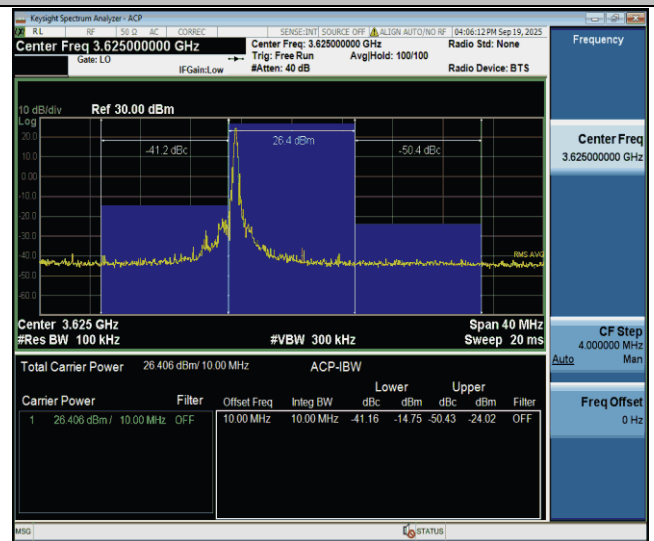
Band48-10MHz-QPSK-55990-1RB#0-PASS



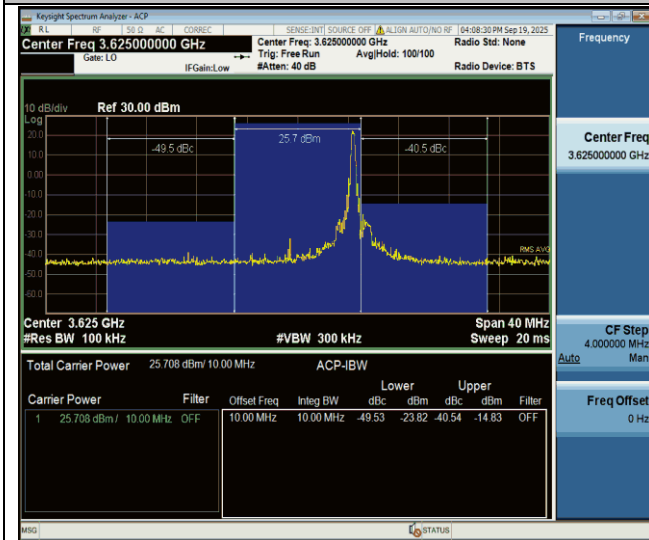
Band48-10MHz-QPSK-55990-1RB#49-PASS



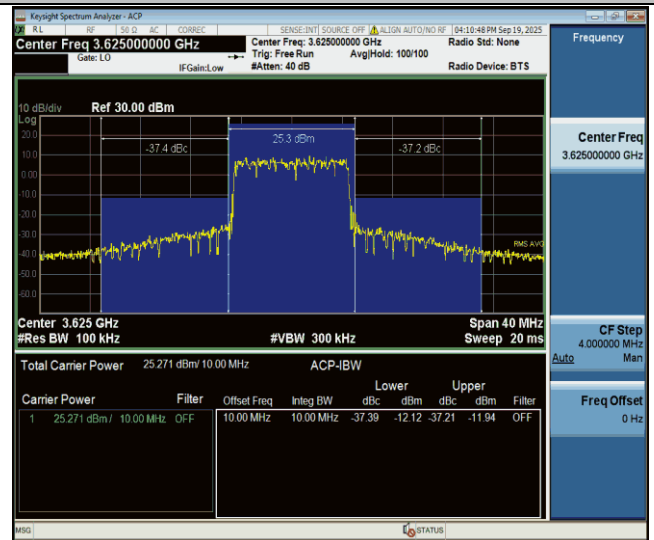
Band48-10MHz-QPSK-55990-50RB#0-PASS



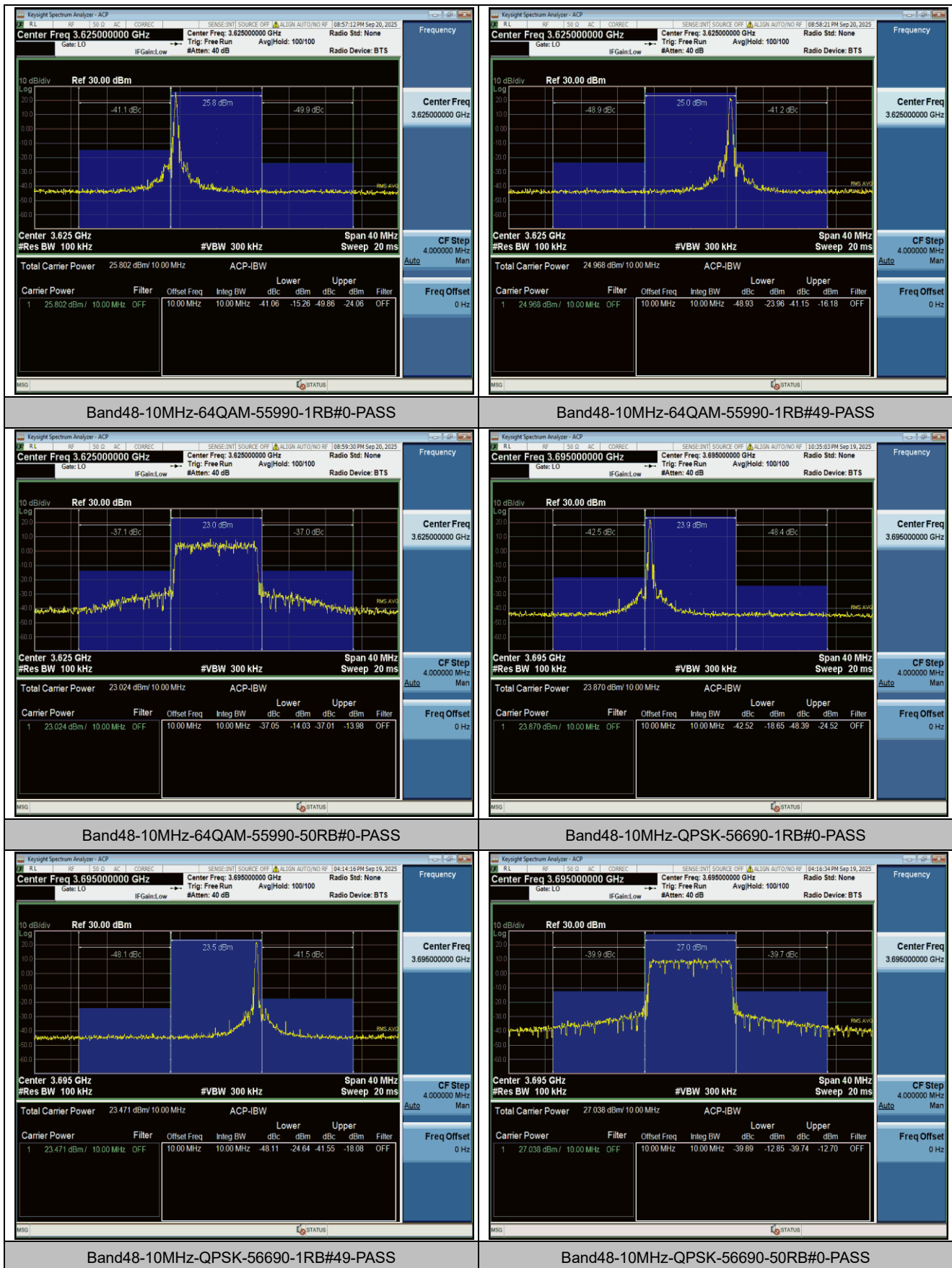
Band48-10MHz-16QAM-55990-1RB#0-PASS

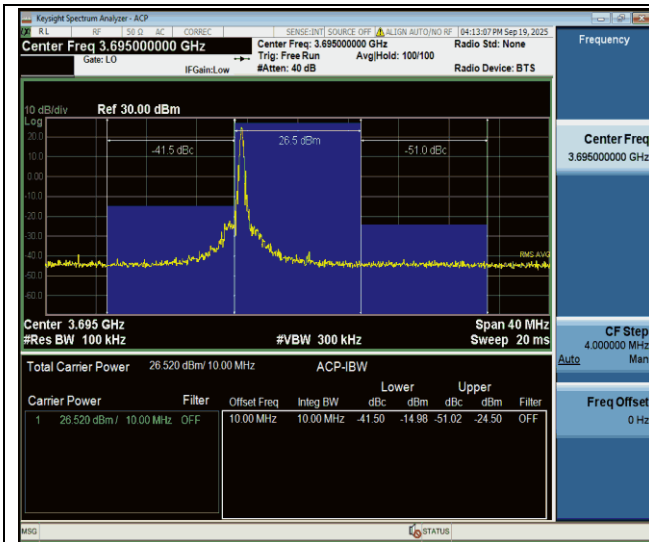


Band48-10MHz-16QAM-55990-1RB#49-PASS

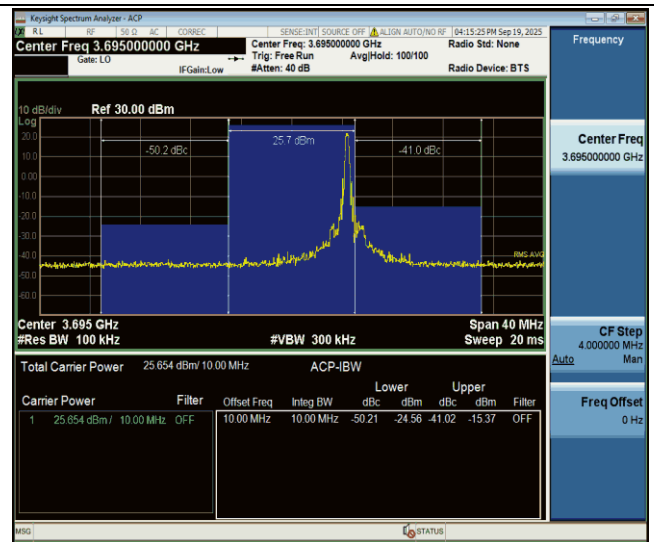


Band48-10MHz-16QAM-55990-50RB#0-PASS





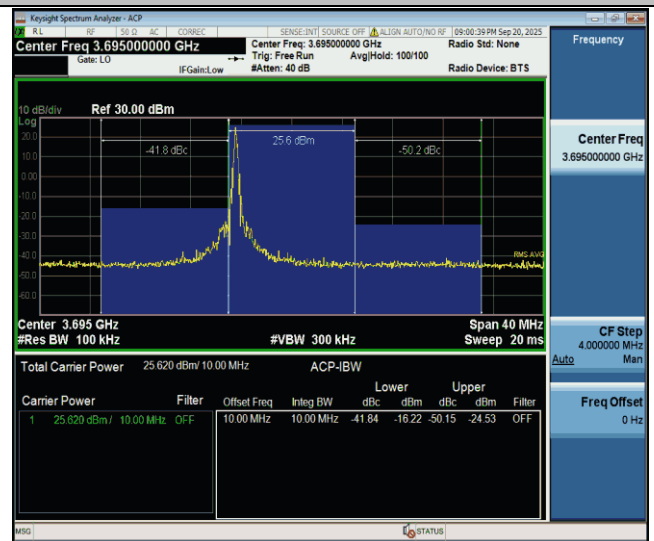
Band48-10MHz-16QAM-56690-1RB#0-PASS



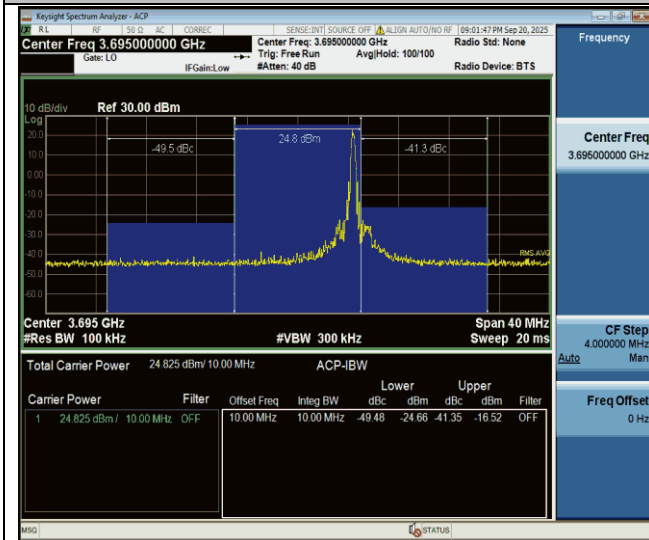
Band48-10MHz-16QAM-56690-1RB#49-PASS



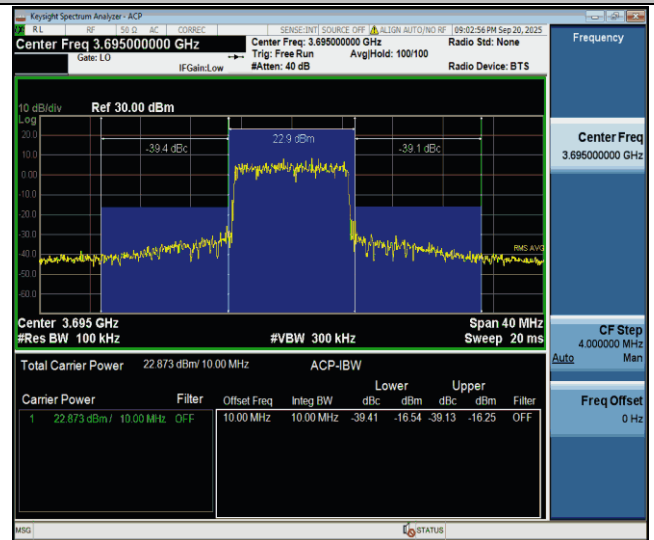
Band48-10MHz-16QAM-56690-50RB#0-PASS



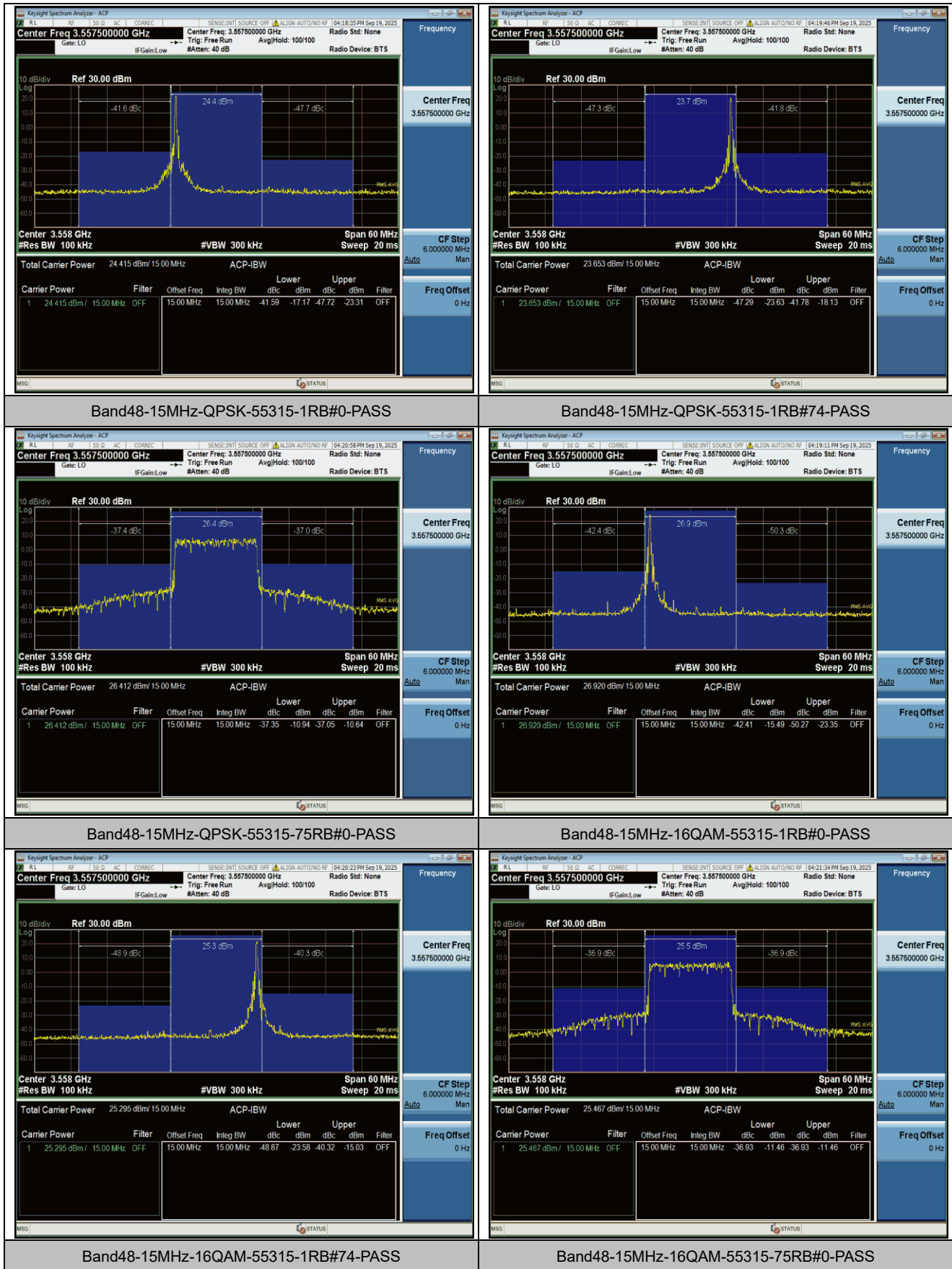
Band48-10MHz-64QAM-56690-1RB#0-PASS

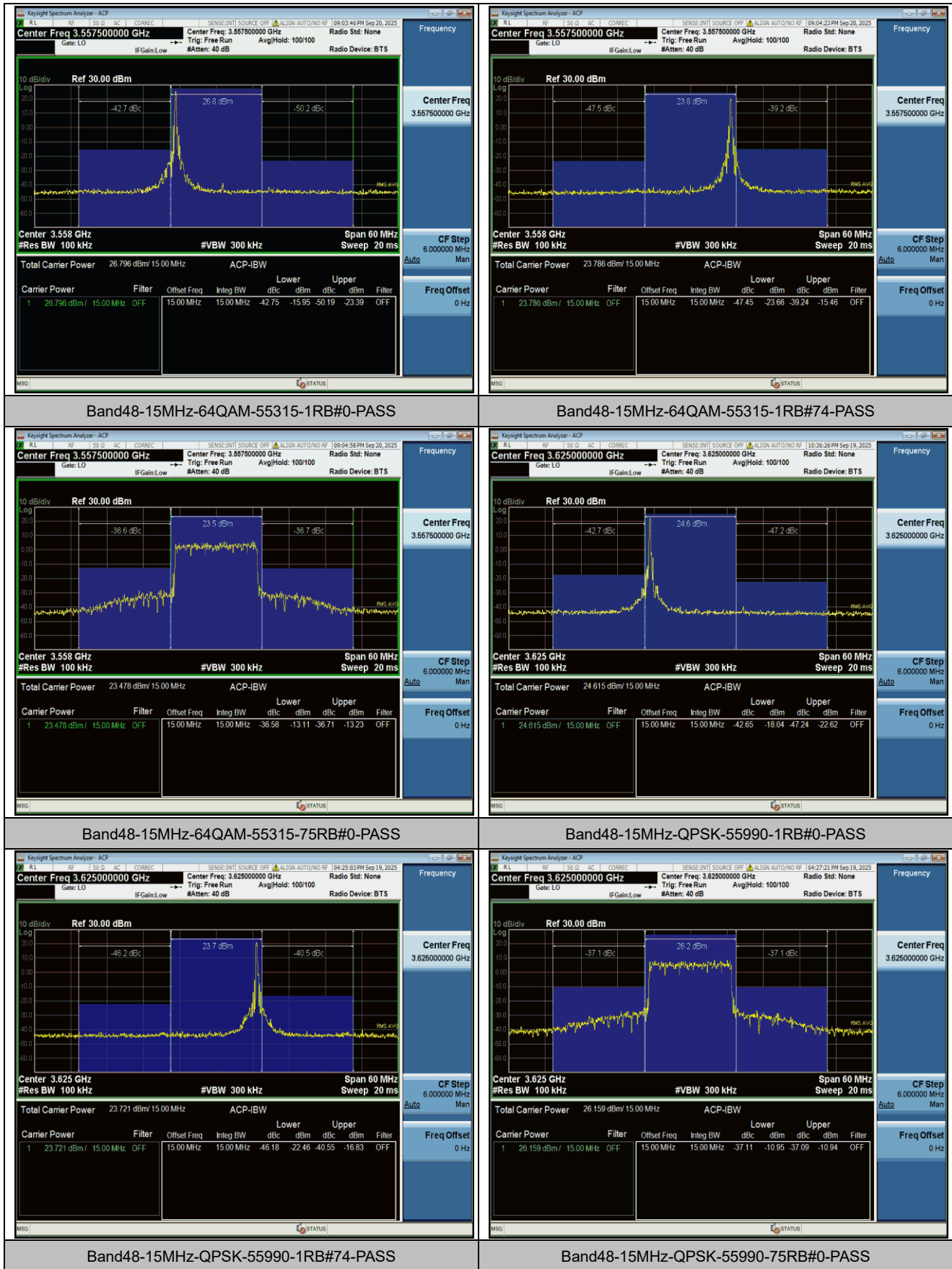


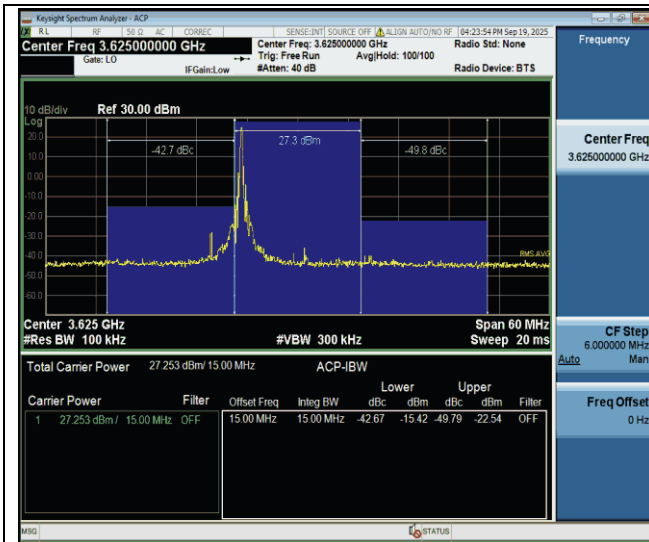
Band48-10MHz-64QAM-56690-1RB#49-PASS



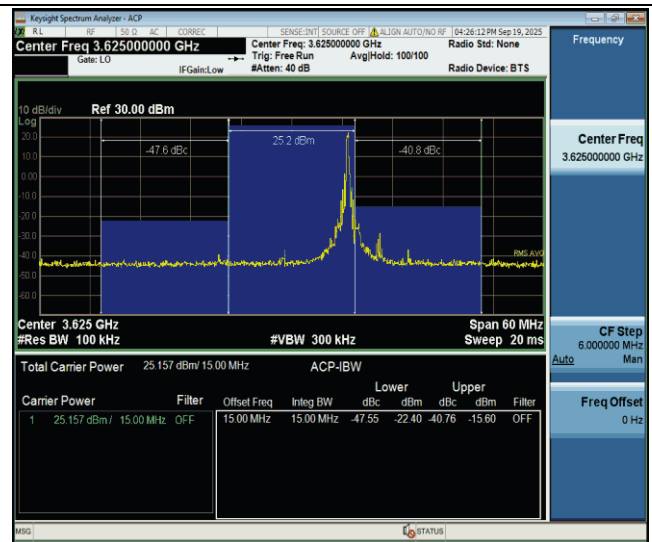
Band48-10MHz-64QAM-56690-50RB#0-PASS



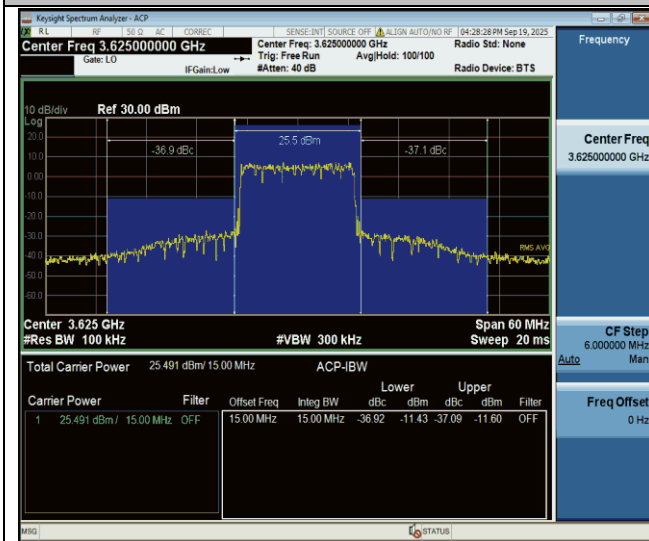




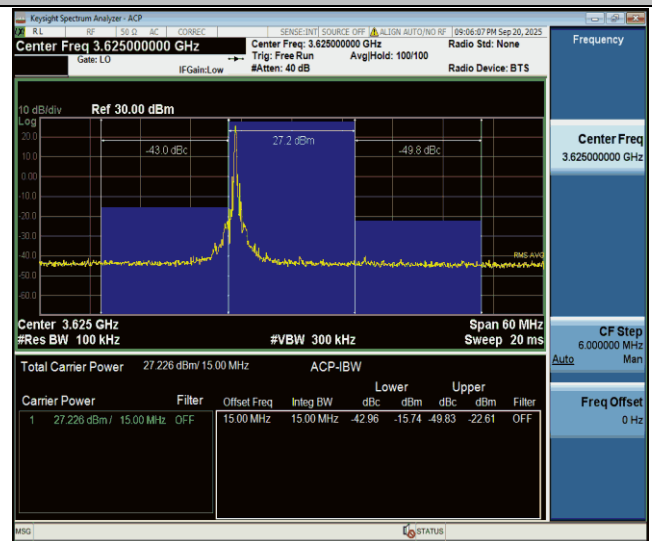
Band48-15MHz-16QAM-55990-1RB#0-PASS



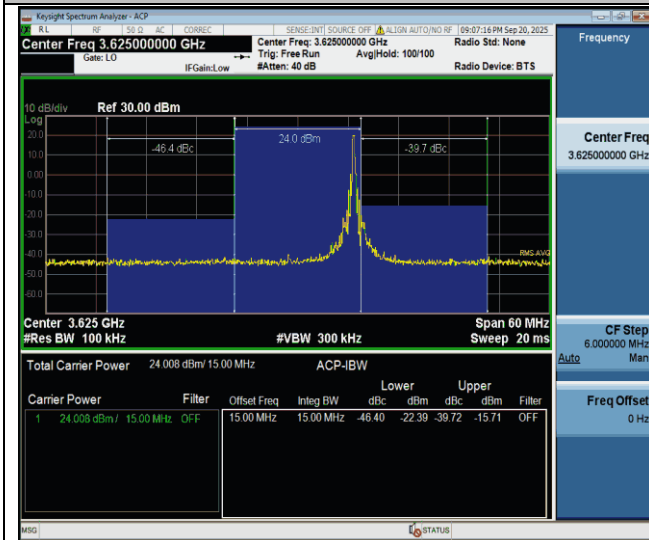
Band48-15MHz-16QAM-55990-1RB#74-PASS



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



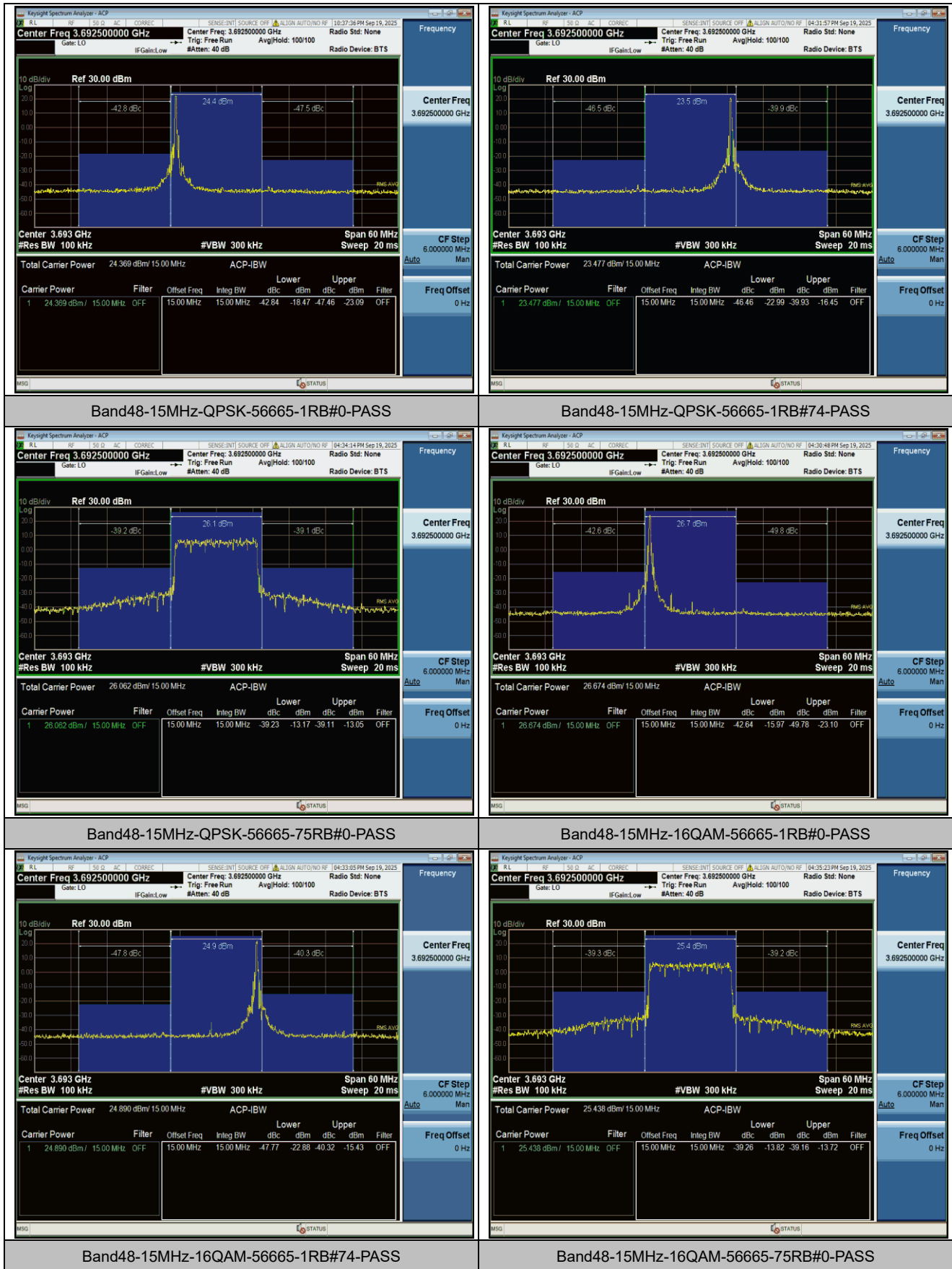
Band48-15MHz-64QAM-55990-1RB#0-PASS

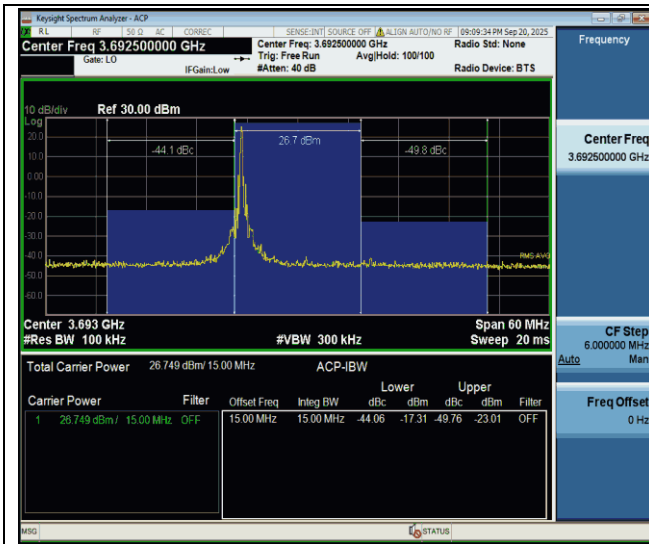


Band48-15MHz-64QAM-55990-1RB#74-PASS

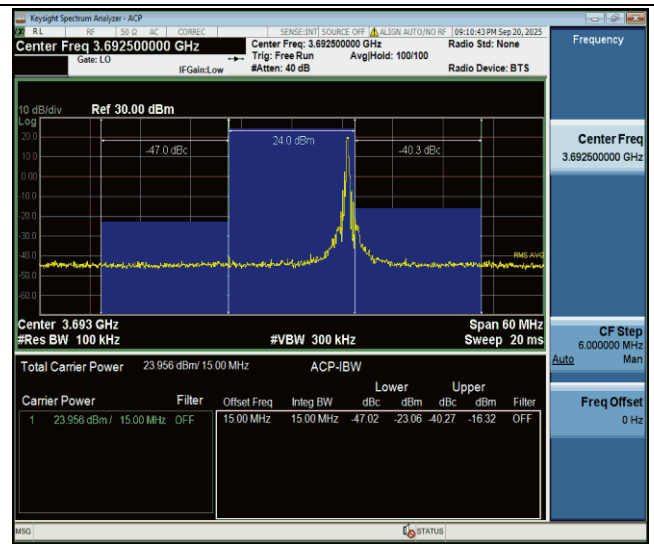


Band48-15MHz-64QAM-55990-75RB#0-PASS

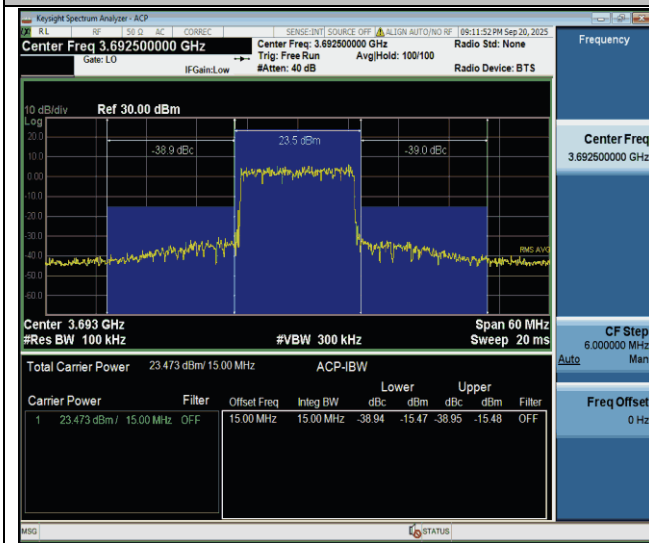




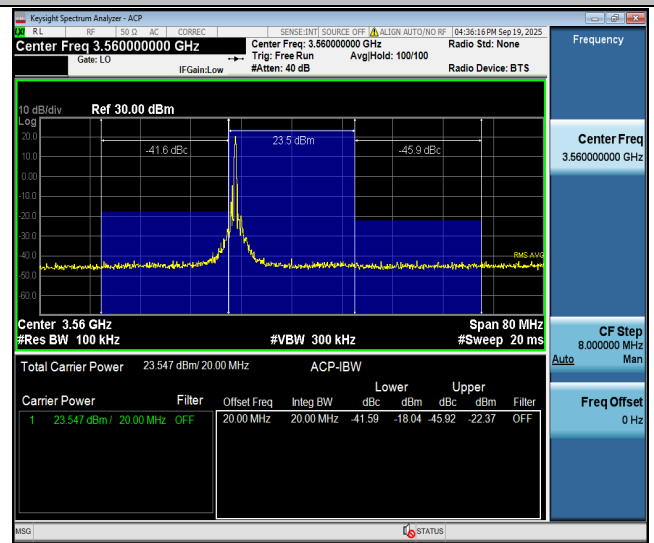
Band48-15MHz-64QAM-56665-1RB#0-PASS



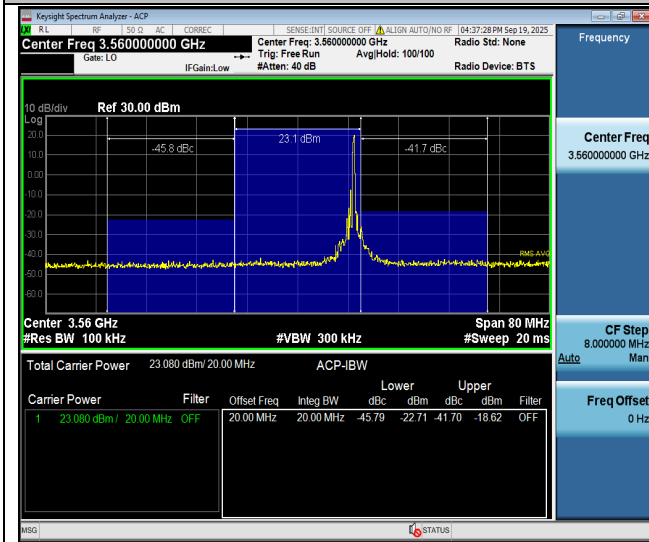
Band48-15MHz-64QAM-56665-1RB#74-PASS



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



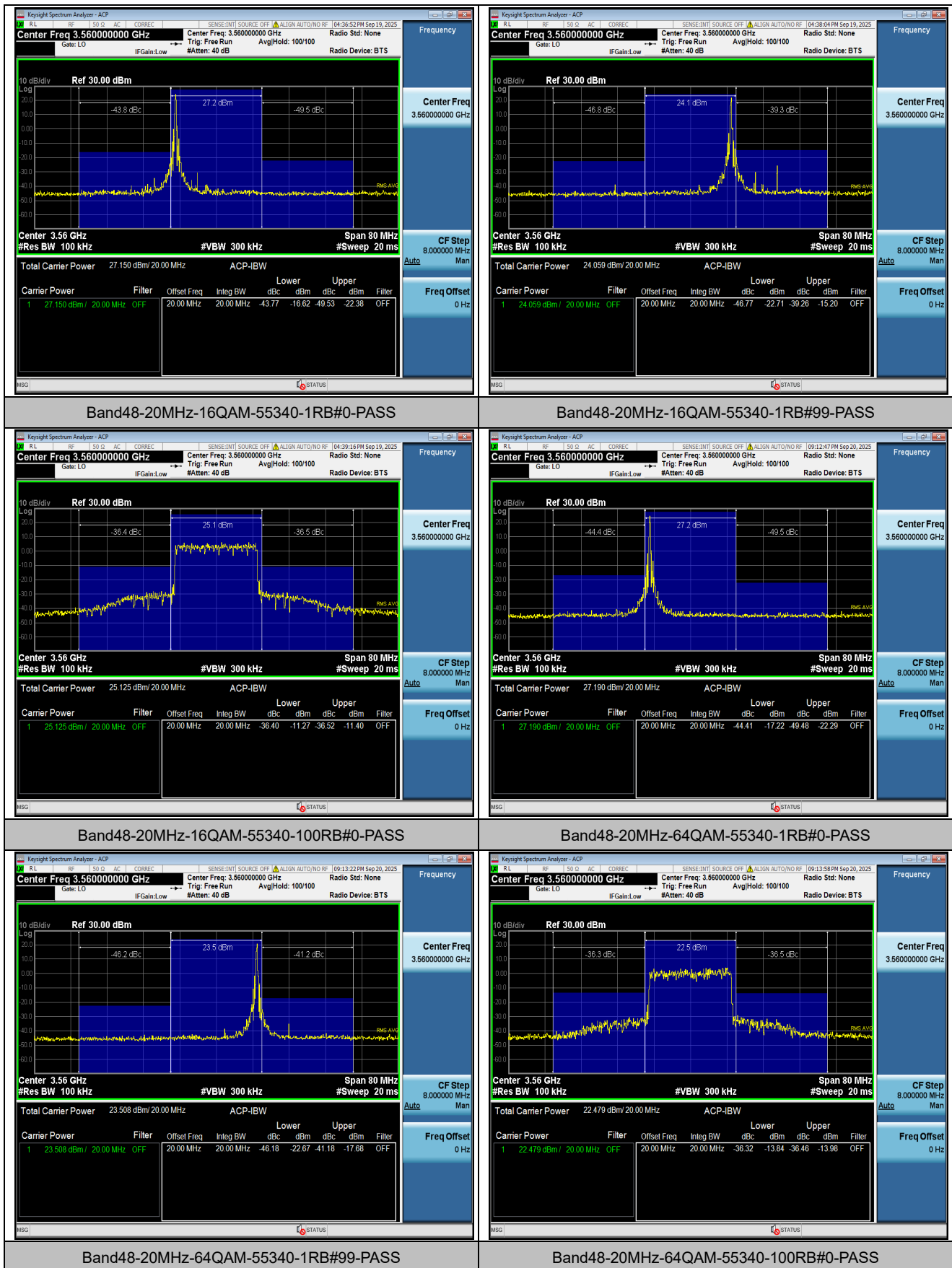
Band48-20MHz-QPSK-55340-1RB#0-PASS

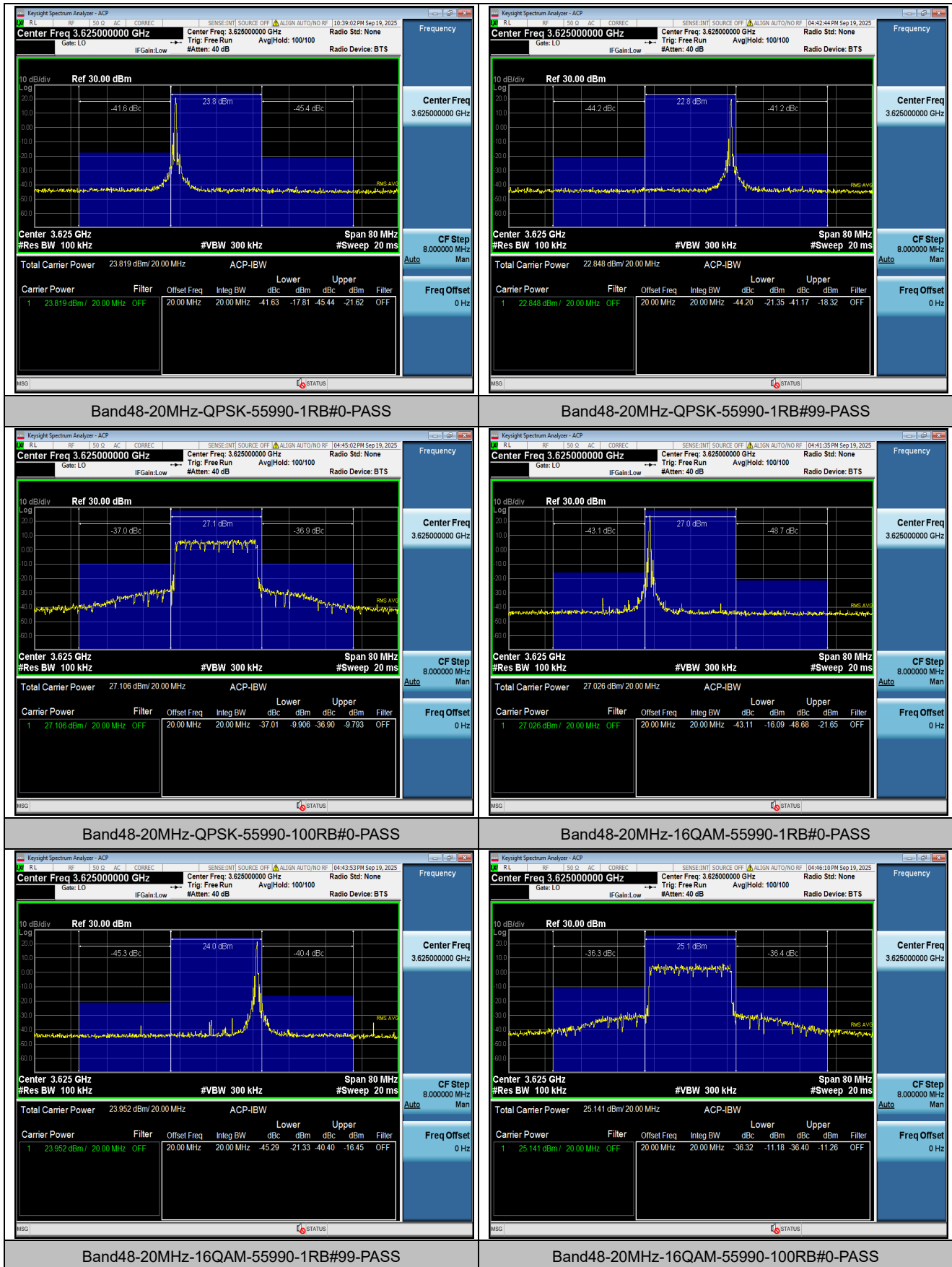


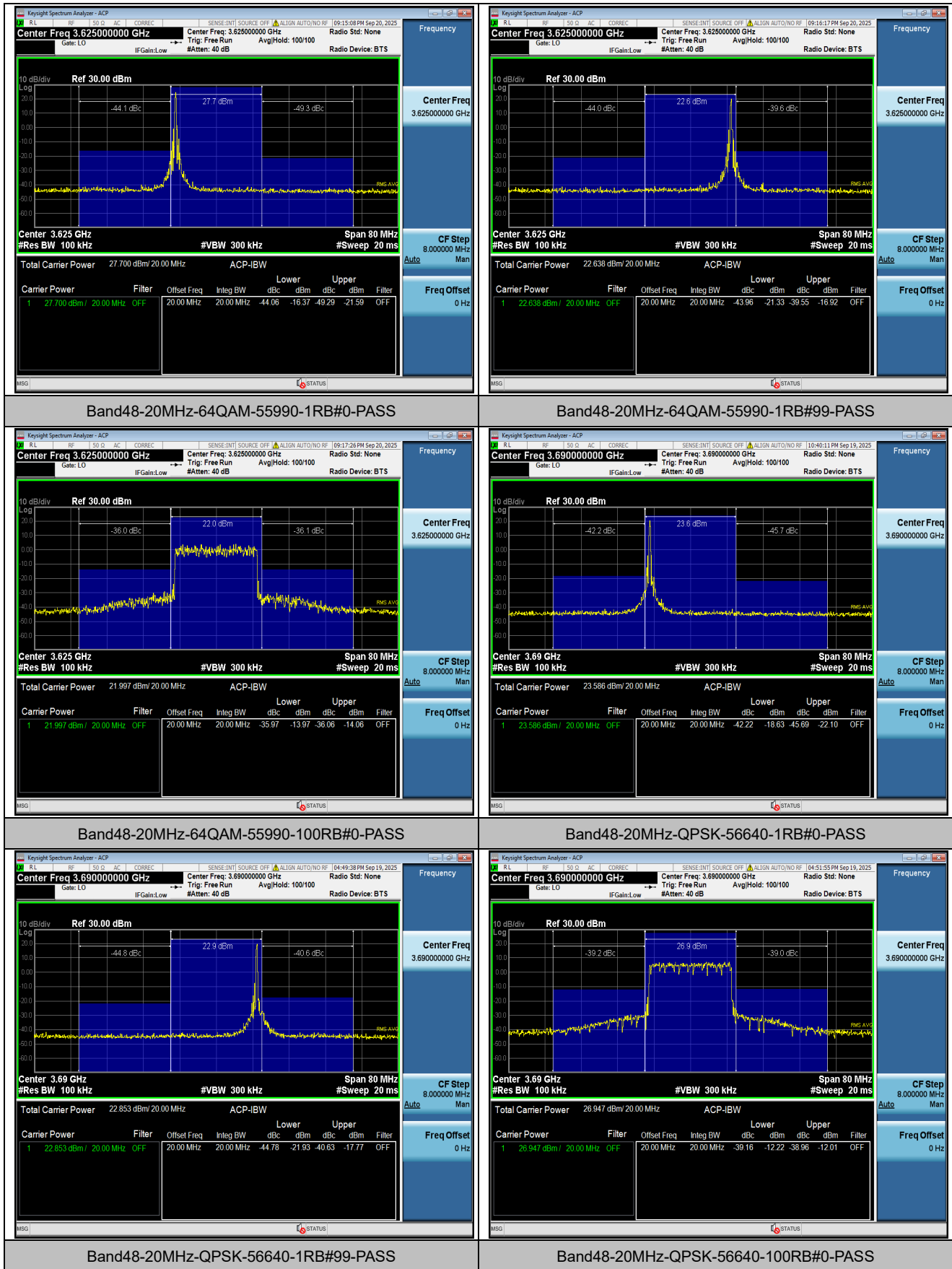
Band48-20MHz-QPSK-55340-1RB#99-PASS

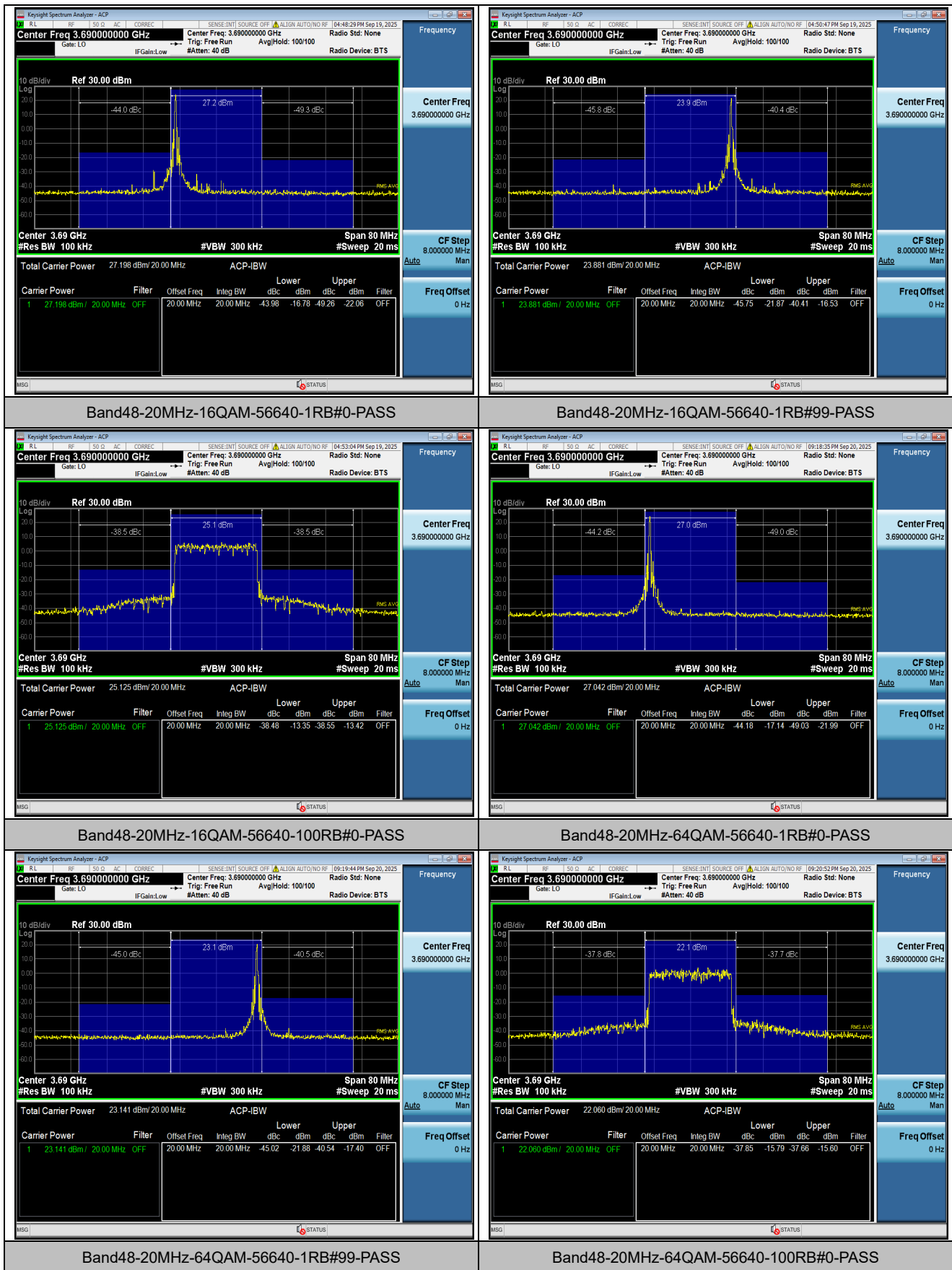


Band48-20MHz-QPSK-55340-100RB#0-PASS







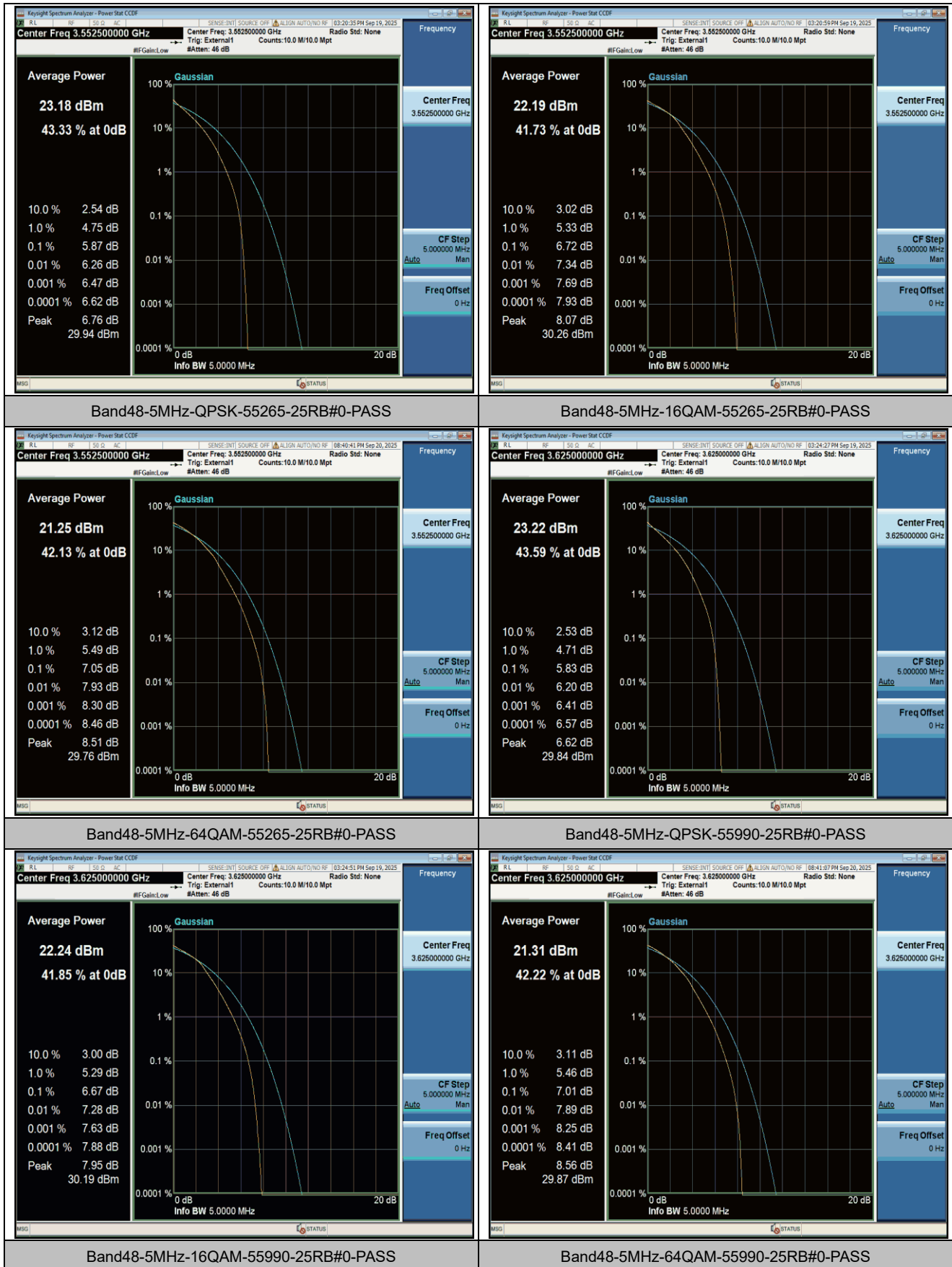


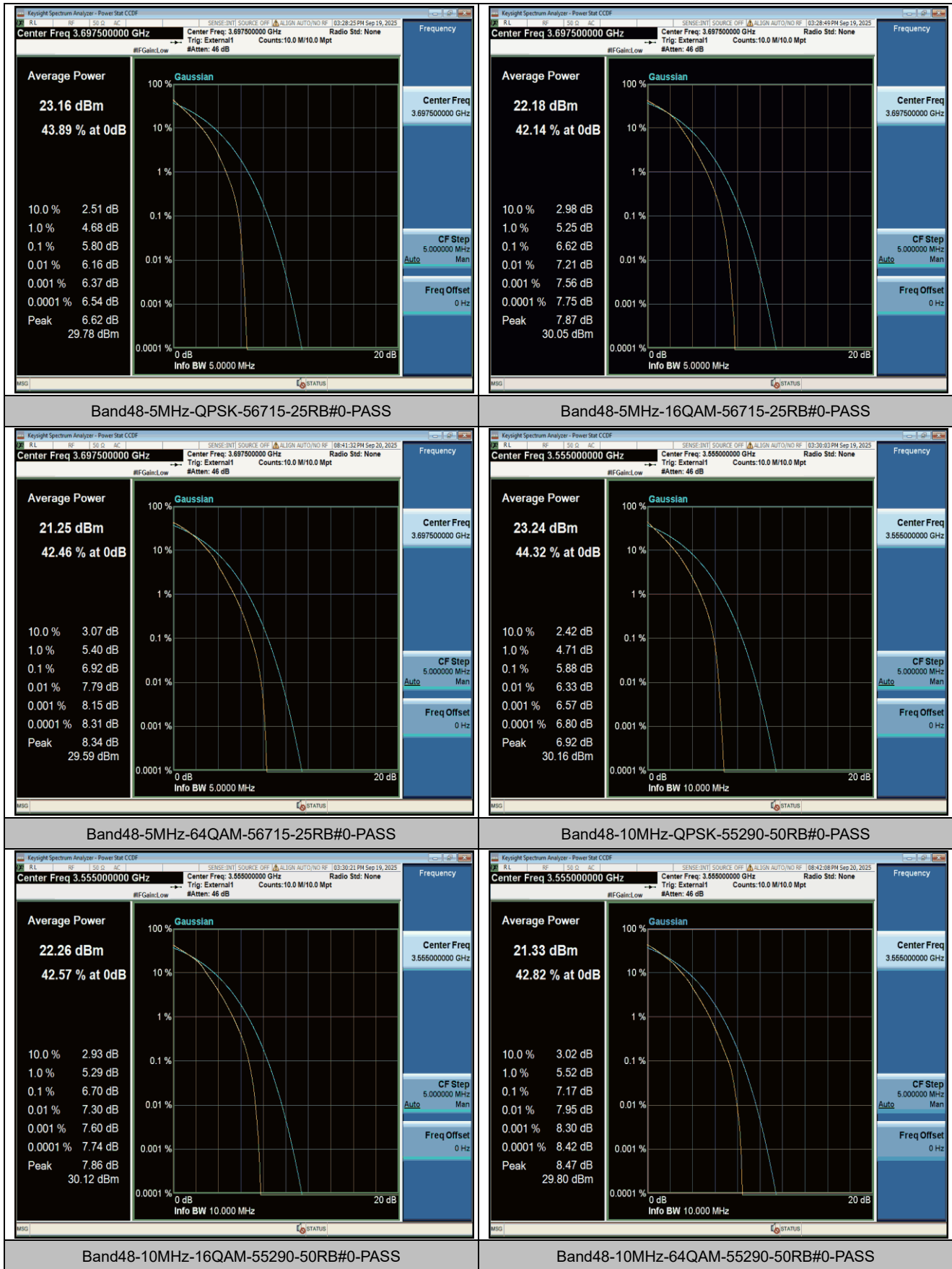
Peak-to-Average Ratio(CCDF)

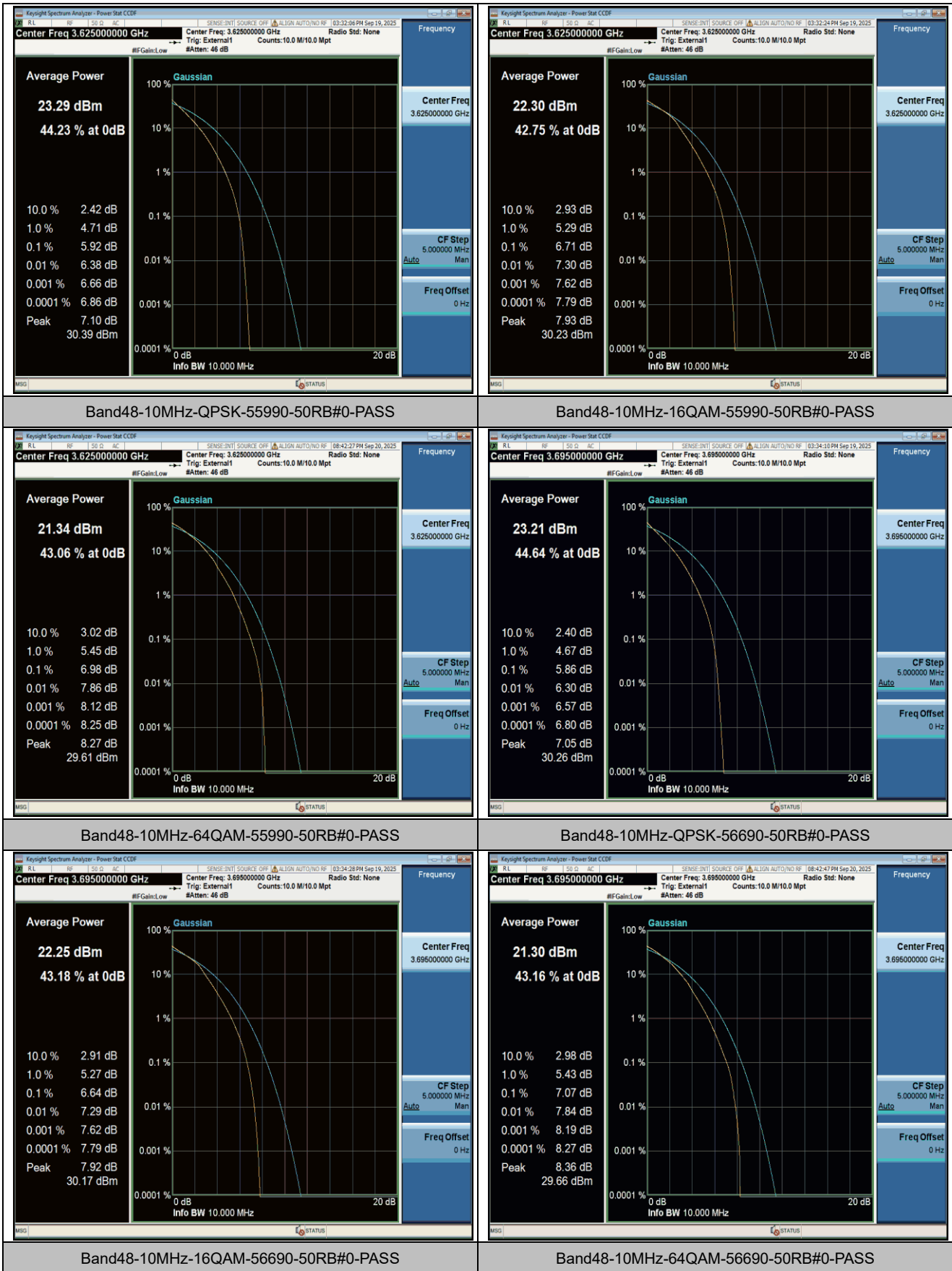
Test Result

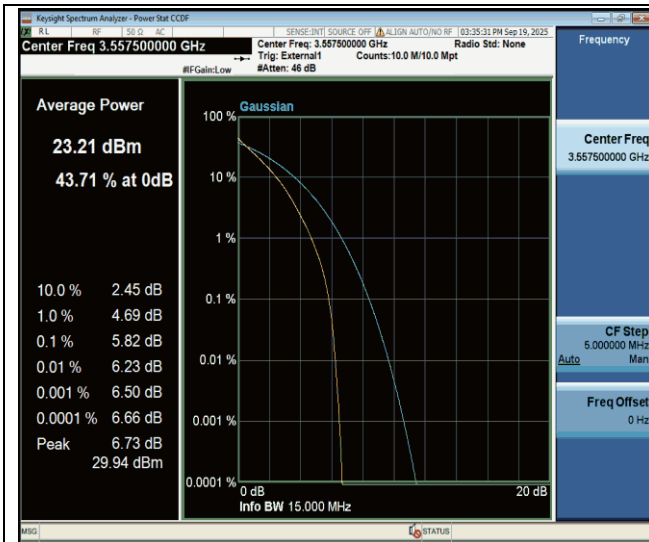
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	5.87	13	PASS
Band48	5MHz	16QAM	55265	25RB#0	6.72	13	PASS
Band48	5MHz	64QAM	55265	25RB#0	7.05	13	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.83	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	6.67	13	PASS
Band48	5MHz	64QAM	55990	25RB#0	7.01	13	PASS
Band48	5MHz	QPSK	56715	25RB#0	5.80	13	PASS
Band48	5MHz	16QAM	56715	25RB#0	6.62	13	PASS
Band48	5MHz	64QAM	56715	25RB#0	6.92	13	PASS
Band48	10MHz	QPSK	55290	50RB#0	5.88	13	PASS
Band48	10MHz	16QAM	55290	50RB#0	6.70	13	PASS
Band48	10MHz	64QAM	55290	50RB#0	7.17	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	5.92	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	6.71	13	PASS
Band48	10MHz	64QAM	55990	50RB#0	6.98	13	PASS
Band48	10MHz	QPSK	56690	50RB#0	5.86	13	PASS
Band48	10MHz	16QAM	56690	50RB#0	6.64	13	PASS
Band48	10MHz	64QAM	56690	50RB#0	7.07	13	PASS
Band48	15MHz	QPSK	55315	75RB#0	5.82	13	PASS
Band48	15MHz	16QAM	55315	75RB#0	6.68	13	PASS
Band48	15MHz	64QAM	55315	75RB#0	7.04	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	5.96	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	6.73	13	PASS
Band48	15MHz	64QAM	55990	75RB#0	7.09	13	PASS
Band48	15MHz	QPSK	56665	75RB#0	5.86	13	PASS
Band48	15MHz	16QAM	56665	75RB#0	6.60	13	PASS
Band48	15MHz	64QAM	56665	75RB#0	6.96	13	PASS
Band48	20MHz	QPSK	55340	100RB#0	5.82	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	6.71	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	6.91	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	5.99	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	6.79	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	7.06	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	5.85	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	6.67	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	7.00	13	PASS

Test Graphs

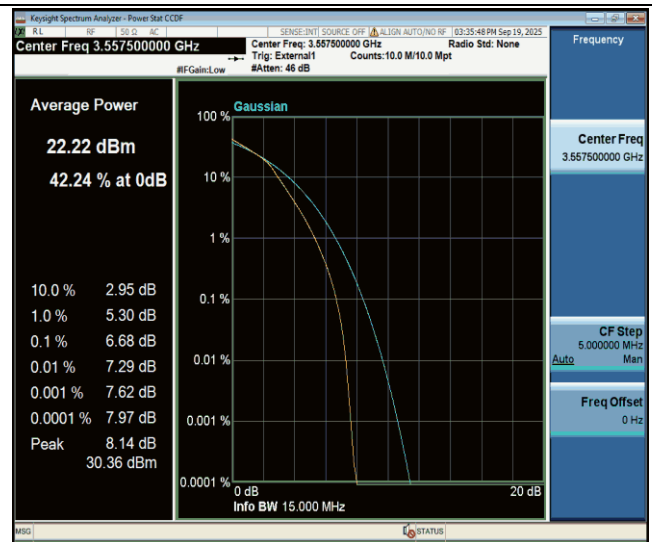




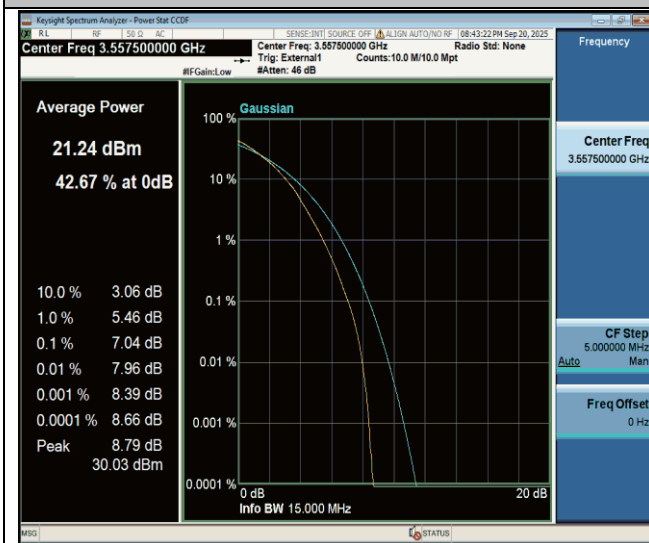




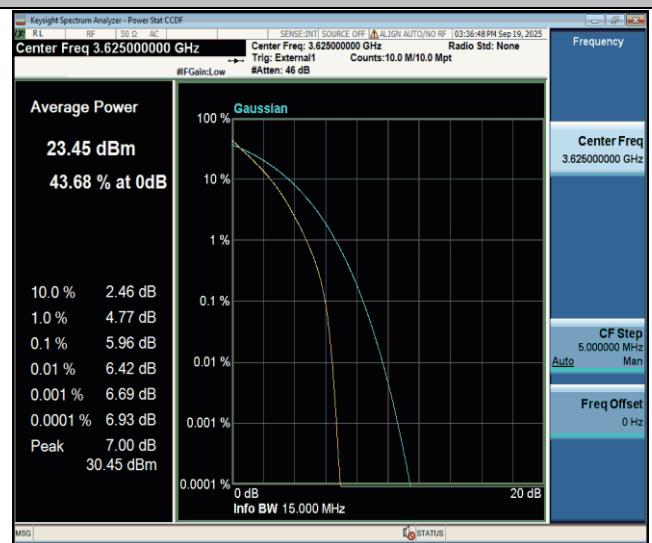
Band48-15MHz-QPSK-55315-75RB#0-PASS



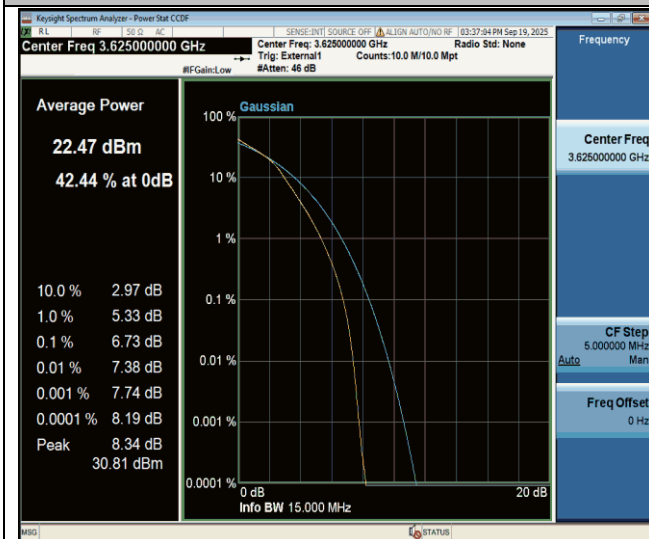
Band48-15MHz-16QAM-55315-75RB#0-PASS



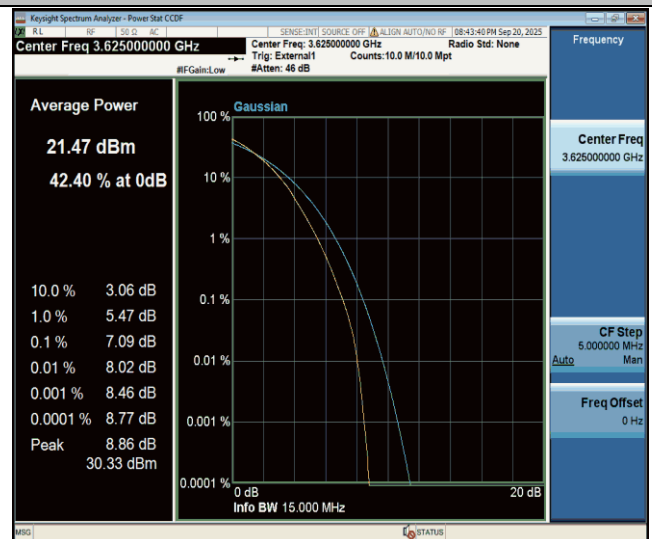
Band48-15MHz-64QAM-55315-75RB#0-PASS



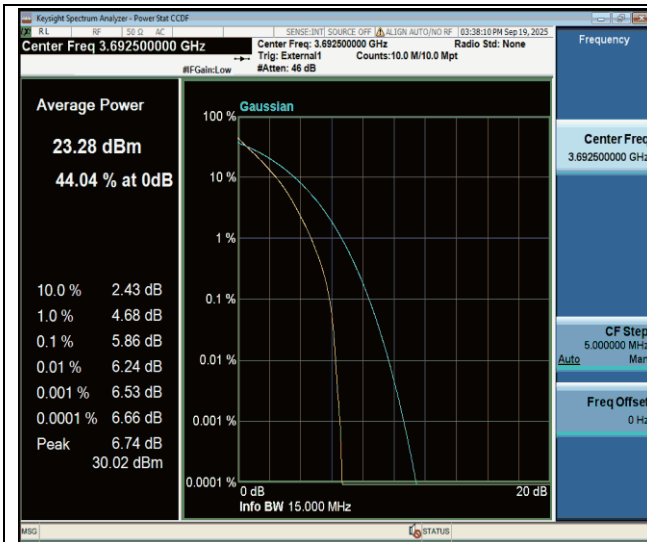
Band48-15MHz-QPSK-55990-75RB#0-PASS



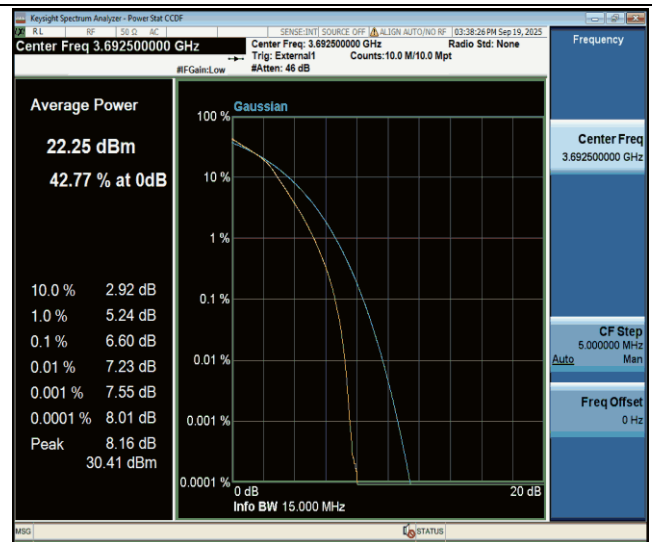
Band48-15MHz-16QAM-55990-75RB#0-PASS



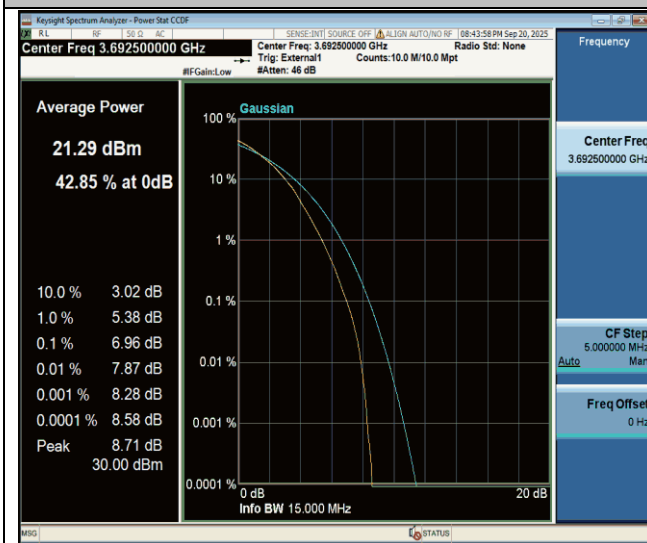
Band48-15MHz-64QAM-55990-75RB#0-PASS



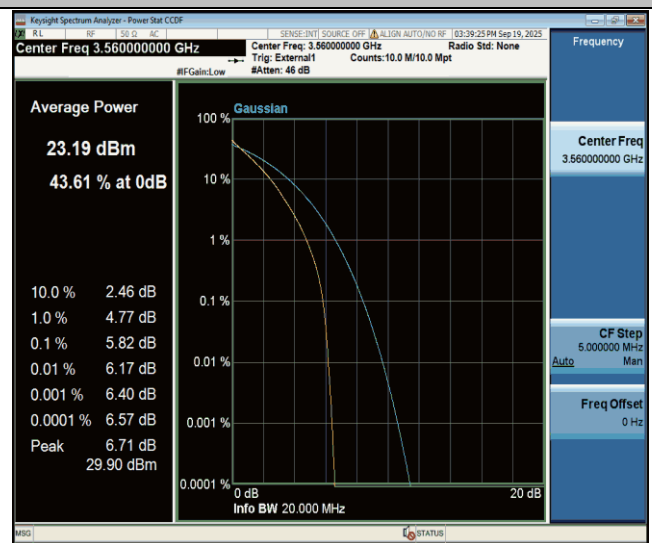
Band48-15MHz-QPSK-56665-75RB#0-PASS



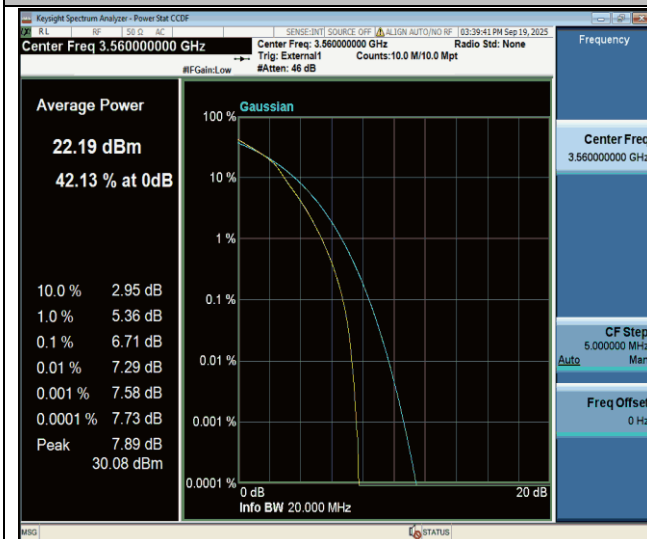
Band48-15MHz-16QAM-56665-75RB#0-PASS



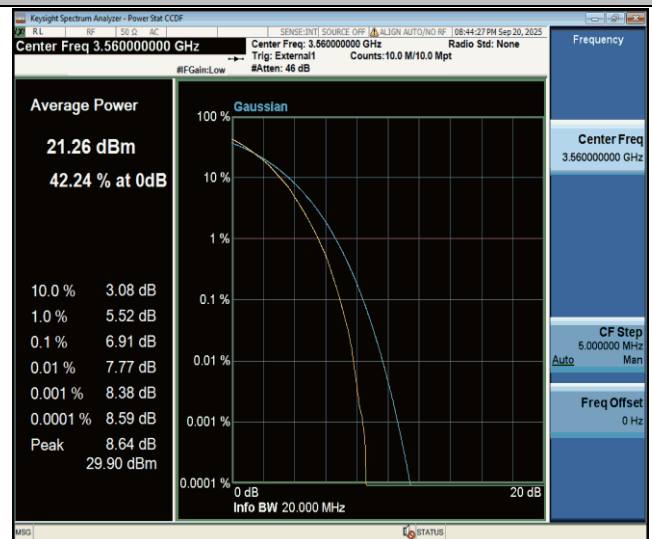
Band48-15MHz-64QAM-56665-75RB#0-PASS



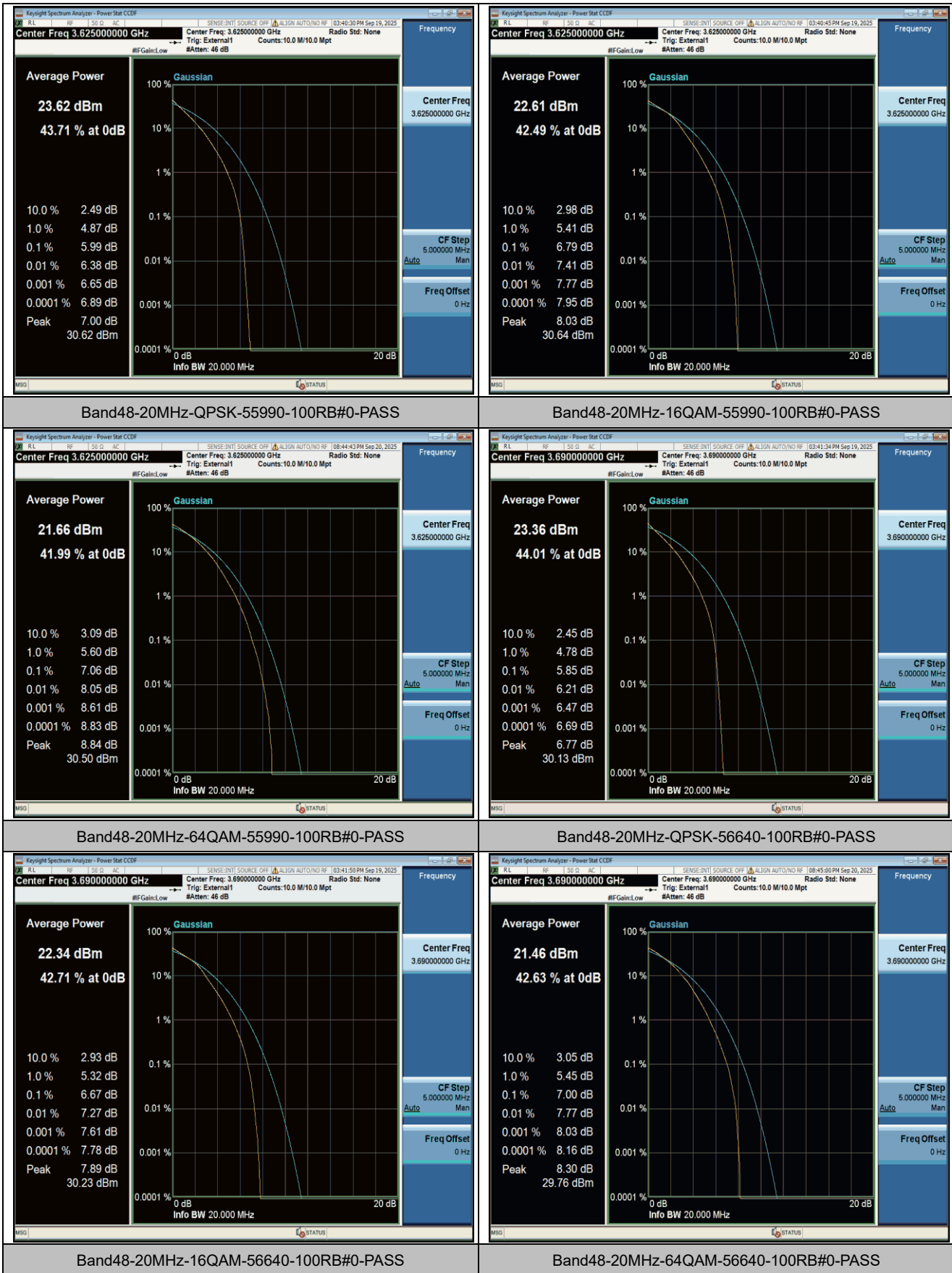
Band48-20MHz-QPSK-55340-100RB#0-PASS



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



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

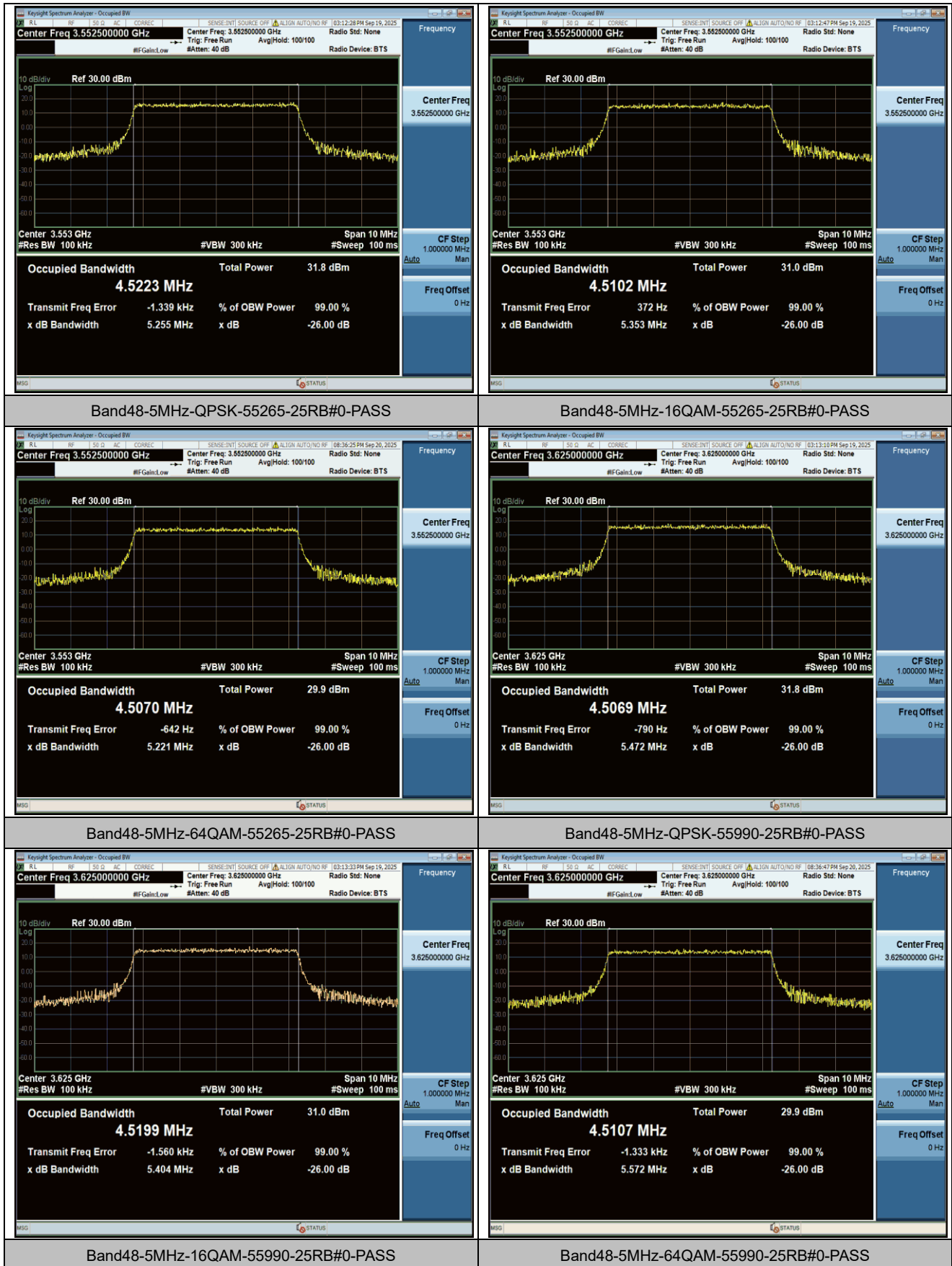


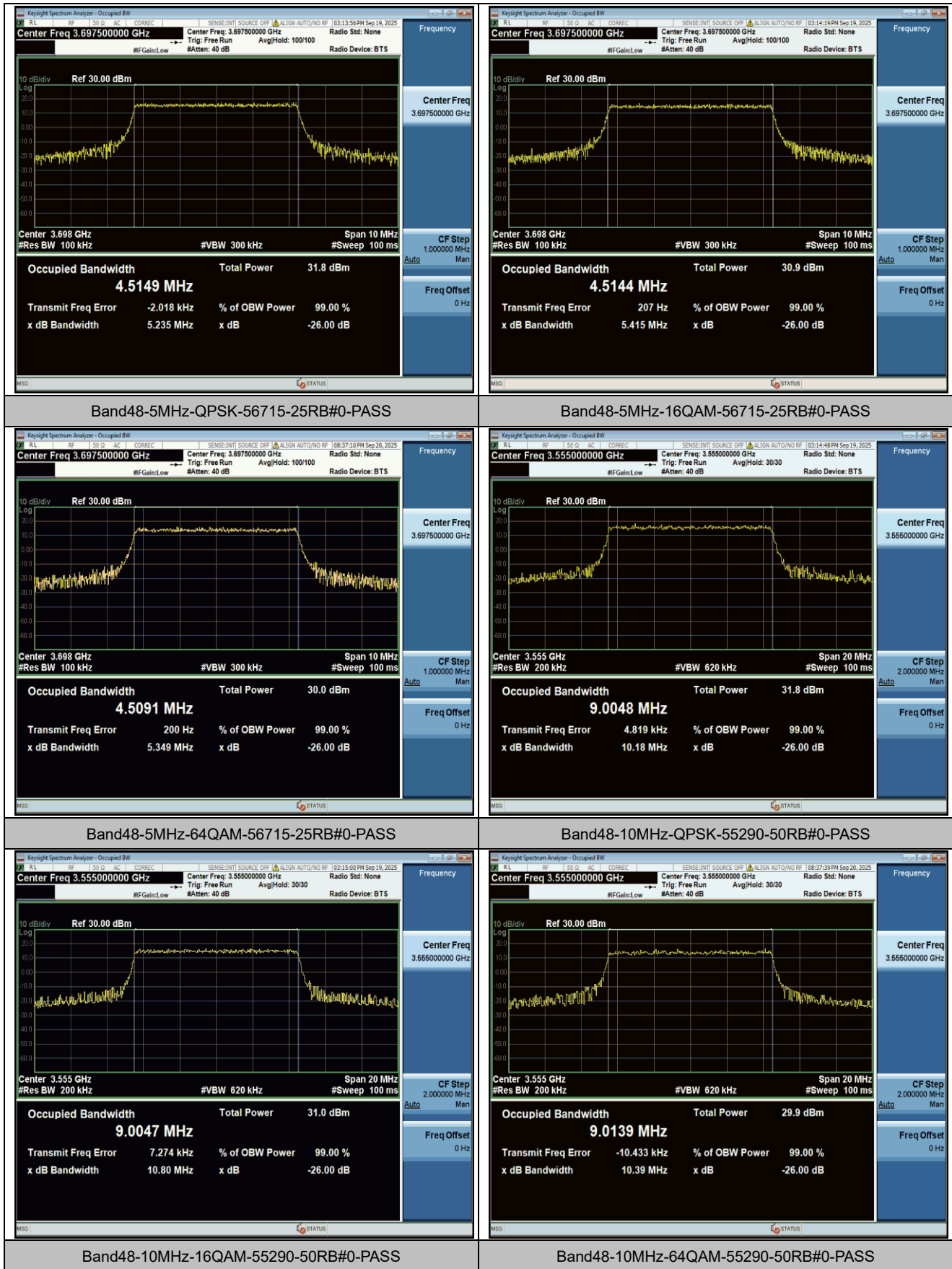
26dB Bandwidth and Occupied Bandwidth

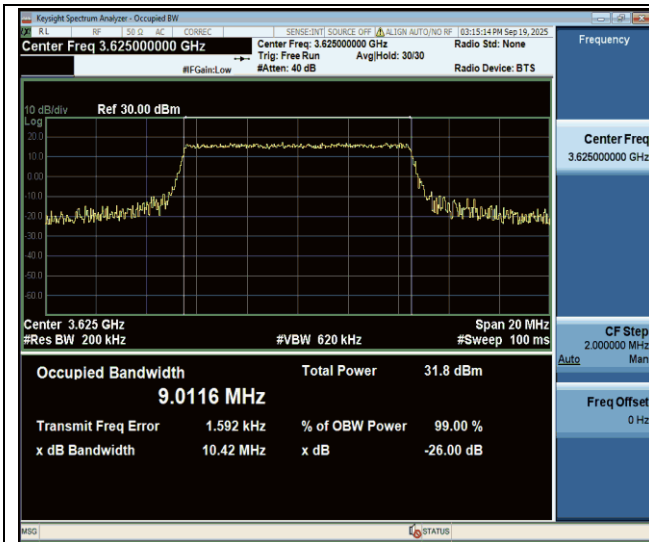
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.5223	5.255	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.5102	5.353	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.5070	5.221	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.5069	5.472	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.5199	5.404	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.5107	5.572	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.5149	5.235	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.5144	5.415	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.5091	5.349	PASS
Band48	10MHz	QPSK	55290	50RB#0	9.0048	10.18	PASS
Band48	10MHz	16QAM	55290	50RB#0	9.0047	10.80	PASS
Band48	10MHz	64QAM	55290	50RB#0	9.0139	10.39	PASS
Band48	10MHz	QPSK	55990	50RB#0	9.0116	10.42	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.9924	10.52	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.9796	10.01	PASS
Band48	10MHz	QPSK	56690	50RB#0	9.0140	10.75	PASS
Band48	10MHz	16QAM	56690	50RB#0	9.0057	10.34	PASS
Band48	10MHz	64QAM	56690	50RB#0	8.9884	9.996	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.532	16.17	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.477	15.08	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.491	15.47	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.498	14.90	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.491	16.17	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.505	15.76	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.496	15.09	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.486	15.99	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.509	15.47	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.964	20.52	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.978	20.52	PASS
Band48	20MHz	64QAM	55340	100RB#0	17.941	19.72	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.017	20.24	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.956	20.54	PASS
Band48	20MHz	64QAM	55990	100RB#0	18.048	21.55	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.947	19.97	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.970	21.22	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.936	19.82	PASS

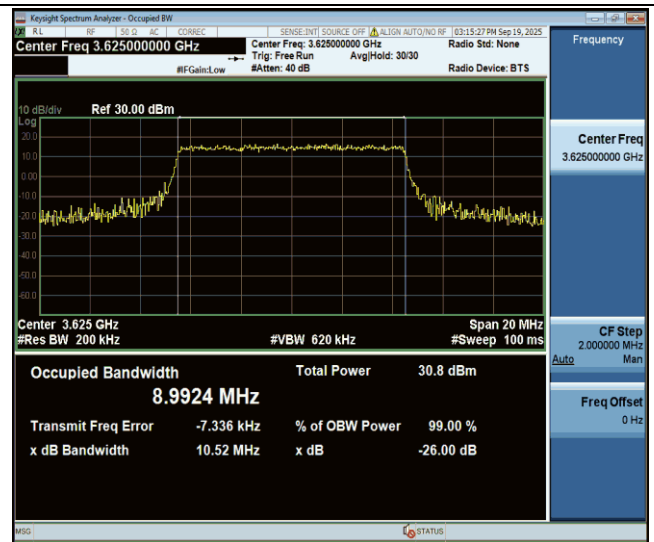
Test Graphs



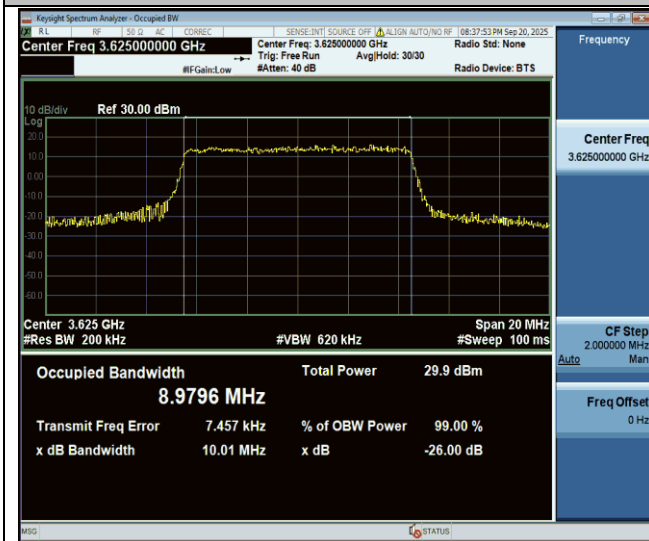




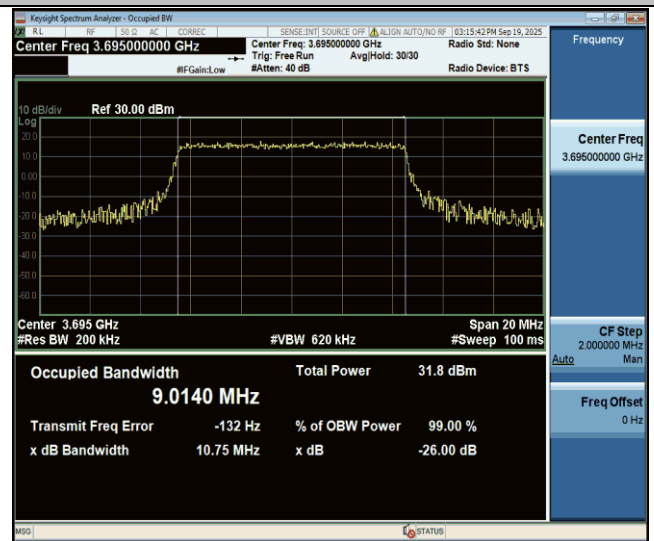
Band48-10MHz-QPSK-55990-50RB#0-PASS



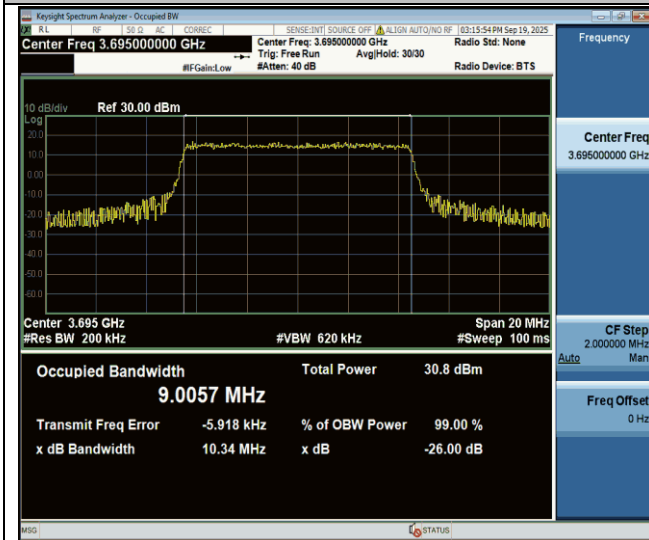
Band48-10MHz-16QAM-55990-50RB#0-PASS



Band48-10MHz-64QAM-55990-50RB#0-PASS



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



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



Band48-10MHz-64QAM-56690-50RB#0-PASS