

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	23.28	17.16	PASS
Band48	5MHz	QPSK	55265	1RB#12	23.33	17.21	PASS
Band48	5MHz	QPSK	55265	1RB#24	23.49	17.37	PASS
Band48	5MHz	QPSK	55265	25RB#0	22.72	16.60	PASS
Band48	5MHz	16QAM	55265	1RB#0	22.23	16.11	PASS
Band48	5MHz	16QAM	55265	1RB#12	22.40	16.28	PASS
Band48	5MHz	16QAM	55265	1RB#24	22.57	16.45	PASS
Band48	5MHz	16QAM	55265	25RB#0	21.81	15.69	PASS
Band48	5MHz	64QAM	55265	1RB#0	21.26	15.14	PASS
Band48	5MHz	64QAM	55265	1RB#12	21.55	15.43	PASS
Band48	5MHz	64QAM	55265	1RB#24	21.54	15.42	PASS
Band48	5MHz	64QAM	55265	25RB#0	20.90	14.78	PASS
Band48	5MHz	256QAM	55265	1RB#0	18.23	12.11	PASS
Band48	5MHz	256QAM	55265	1RB#12	18.52	12.40	PASS
Band48	5MHz	256QAM	55265	1RB#24	18.52	12.40	PASS
Band48	5MHz	256QAM	55265	25RB#0	18.21	12.09	PASS
Band48	5MHz	QPSK	55990	1RB#0	23.44	17.32	PASS
Band48	5MHz	QPSK	55990	1RB#12	23.44	17.32	PASS
Band48	5MHz	QPSK	55990	1RB#24	23.40	17.28	PASS
Band48	5MHz	QPSK	55990	25RB#0	22.71	16.59	PASS
Band48	5MHz	16QAM	55990	1RB#0	22.45	16.33	PASS
Band48	5MHz	16QAM	55990	1RB#12	22.33	16.21	PASS
Band48	5MHz	16QAM	55990	1RB#24	22.53	16.41	PASS
Band48	5MHz	16QAM	55990	25RB#0	21.72	15.60	PASS
Band48	5MHz	64QAM	55990	1RB#0	21.34	15.22	PASS
Band48	5MHz	64QAM	55990	1RB#12	21.44	15.32	PASS
Band48	5MHz	64QAM	55990	1RB#24	21.67	15.55	PASS
Band48	5MHz	64QAM	55990	25RB#0	20.76	14.64	PASS
Band48	5MHz	256QAM	55990	1RB#0	18.63	12.51	PASS
Band48	5MHz	256QAM	55990	1RB#12	18.65	12.53	PASS
Band48	5MHz	256QAM	55990	1RB#24	18.78	12.66	PASS
Band48	5MHz	256QAM	55990	25RB#0	17.96	11.84	PASS
Band48	5MHz	QPSK	56715	1RB#0	23.30	17.18	PASS
Band48	5MHz	QPSK	56715	1RB#12	23.31	17.19	PASS
Band48	5MHz	QPSK	56715	1RB#24	23.36	17.24	PASS
Band48	5MHz	QPSK	56715	25RB#0	22.93	16.81	PASS
Band48	5MHz	16QAM	56715	1RB#0	22.47	16.35	PASS

Band48	5MHz	16QAM	56715	1RB#12	22.14	16.02	PASS
Band48	5MHz	16QAM	56715	1RB#24	22.21	16.09	PASS
Band48	5MHz	16QAM	56715	25RB#0	22.01	15.89	PASS
Band48	5MHz	64QAM	56715	1RB#0	21.43	15.31	PASS
Band48	5MHz	64QAM	56715	1RB#12	20.98	14.86	PASS
Band48	5MHz	64QAM	56715	1RB#24	21.29	15.17	PASS
Band48	5MHz	64QAM	56715	25RB#0	21.02	14.90	PASS
Band48	5MHz	256QAM	56715	1RB#0	18.44	12.32	PASS
Band48	5MHz	256QAM	56715	1RB#12	18.30	12.18	PASS
Band48	5MHz	256QAM	56715	1RB#24	18.40	12.28	PASS
Band48	5MHz	256QAM	56715	25RB#0	18.25	12.13	PASS
Band48	10MHz	QPSK	55290	1RB#0	23.38	17.26	PASS
Band48	10MHz	QPSK	55290	1RB#24	23.24	17.12	PASS
Band48	10MHz	QPSK	55290	1RB#49	23.34	17.22	PASS
Band48	10MHz	QPSK	55290	50RB#0	22.67	16.55	PASS
Band48	10MHz	16QAM	55290	1RB#0	22.43	16.31	PASS
Band48	10MHz	16QAM	55290	1RB#24	22.37	16.25	PASS
Band48	10MHz	16QAM	55290	1RB#49	22.42	16.30	PASS
Band48	10MHz	16QAM	55290	50RB#0	21.82	15.70	PASS
Band48	10MHz	64QAM	55290	1RB#0	21.40	15.28	PASS
Band48	10MHz	64QAM	55290	1RB#24	21.38	15.26	PASS
Band48	10MHz	64QAM	55290	1RB#49	21.36	15.24	PASS
Band48	10MHz	64QAM	55290	50RB#0	20.99	14.87	PASS
Band48	10MHz	256QAM	55290	1RB#0	18.43	12.31	PASS
Band48	10MHz	256QAM	55290	1RB#24	18.59	12.47	PASS
Band48	10MHz	256QAM	55290	1RB#49	18.43	12.31	PASS
Band48	10MHz	256QAM	55290	50RB#0	18.22	12.10	PASS
Band48	10MHz	QPSK	55990	1RB#0	23.57	17.45	PASS
Band48	10MHz	QPSK	55990	1RB#24	23.52	17.40	PASS
Band48	10MHz	QPSK	55990	1RB#49	23.48	17.36	PASS
Band48	10MHz	QPSK	55990	50RB#0	22.76	16.64	PASS
Band48	10MHz	16QAM	55990	1RB#0	22.47	16.35	PASS
Band48	10MHz	16QAM	55990	1RB#24	22.65	16.53	PASS
Band48	10MHz	16QAM	55990	1RB#49	22.32	16.20	PASS
Band48	10MHz	16QAM	55990	50RB#0	21.87	15.75	PASS
Band48	10MHz	64QAM	55990	1RB#0	21.49	15.37	PASS
Band48	10MHz	64QAM	55990	1RB#24	21.54	15.42	PASS
Band48	10MHz	64QAM	55990	1RB#49	21.21	15.09	PASS
Band48	10MHz	64QAM	55990	50RB#0	20.89	14.77	PASS
Band48	10MHz	256QAM	55990	1RB#0	18.40	12.28	PASS
Band48	10MHz	256QAM	55990	1RB#24	18.72	12.60	PASS
Band48	10MHz	256QAM	55990	1RB#49	18.40	12.28	PASS
Band48	10MHz	256QAM	55990	50RB#0	18.03	11.91	PASS
Band48	10MHz	QPSK	56690	1RB#0	23.44	17.32	PASS
Band48	10MHz	QPSK	56690	1RB#24	23.40	17.28	PASS

Band48	10MHz	QPSK	56690	1RB#49	23.20	17.08	PASS
Band48	10MHz	QPSK	56690	50RB#0	22.83	16.71	PASS
Band48	10MHz	16QAM	56690	1RB#0	22.48	16.36	PASS
Band48	10MHz	16QAM	56690	1RB#24	22.50	16.38	PASS
Band48	10MHz	16QAM	56690	1RB#49	22.06	15.94	PASS
Band48	10MHz	16QAM	56690	50RB#0	21.99	15.87	PASS
Band48	10MHz	64QAM	56690	1RB#0	21.54	15.42	PASS
Band48	10MHz	64QAM	56690	1RB#24	21.61	15.49	PASS
Band48	10MHz	64QAM	56690	1RB#49	20.98	14.86	PASS
Band48	10MHz	64QAM	56690	50RB#0	21.13	15.01	PASS
Band48	10MHz	256QAM	56690	1RB#0	18.69	12.57	PASS
Band48	10MHz	256QAM	56690	1RB#24	18.88	12.76	PASS
Band48	10MHz	256QAM	56690	1RB#49	18.10	11.98	PASS
Band48	10MHz	256QAM	56690	50RB#0	18.32	12.20	PASS
Band48	15MHz	QPSK	55315	1RB#0	23.43	17.31	PASS
Band48	15MHz	QPSK	55315	1RB#38	23.23	17.11	PASS
Band48	15MHz	QPSK	55315	1RB#74	23.47	17.35	PASS
Band48	15MHz	QPSK	55315	75RB#0	22.57	16.45	PASS
Band48	15MHz	16QAM	55315	1RB#0	22.44	16.32	PASS
Band48	15MHz	16QAM	55315	1RB#38	22.10	15.98	PASS
Band48	15MHz	16QAM	55315	1RB#74	22.56	16.44	PASS
Band48	15MHz	16QAM	55315	75RB#0	21.69	15.57	PASS
Band48	15MHz	64QAM	55315	1RB#0	21.27	15.15	PASS
Band48	15MHz	64QAM	55315	1RB#38	21.11	14.99	PASS
Band48	15MHz	64QAM	55315	1RB#74	21.68	15.56	PASS
Band48	15MHz	64QAM	55315	75RB#0	20.77	14.65	PASS
Band48	15MHz	256QAM	55315	1RB#0	18.39	12.27	PASS
Band48	15MHz	256QAM	55315	1RB#38	18.26	12.14	PASS
Band48	15MHz	256QAM	55315	1RB#74	18.62	12.50	PASS
Band48	15MHz	256QAM	55315	75RB#0	17.90	11.78	PASS
Band48	15MHz	QPSK	55990	1RB#0	23.51	17.39	PASS
Band48	15MHz	QPSK	55990	1RB#38	23.45	17.33	PASS
Band48	15MHz	QPSK	55990	1RB#74	23.43	17.31	PASS
Band48	15MHz	QPSK	55990	75RB#0	22.60	16.48	PASS
Band48	15MHz	16QAM	55990	1RB#0	22.42	16.30	PASS
Band48	15MHz	16QAM	55990	1RB#38	22.32	16.20	PASS
Band48	15MHz	16QAM	55990	1RB#74	22.51	16.39	PASS
Band48	15MHz	16QAM	55990	75RB#0	21.63	15.51	PASS
Band48	15MHz	64QAM	55990	1RB#0	21.36	15.24	PASS
Band48	15MHz	64QAM	55990	1RB#38	21.14	15.02	PASS
Band48	15MHz	64QAM	55990	1RB#74	21.59	15.47	PASS
Band48	15MHz	64QAM	55990	75RB#0	20.65	14.53	PASS
Band48	15MHz	256QAM	55990	1RB#0	18.36	12.24	PASS
Band48	15MHz	256QAM	55990	1RB#38	18.13	12.01	PASS
Band48	15MHz	256QAM	55990	1RB#74	18.77	12.65	PASS

Band48	15MHz	256QAM	55990	75RB#0	17.92	11.80	PASS
Band48	15MHz	QPSK	56665	1RB#0	23.14	17.02	PASS
Band48	15MHz	QPSK	56665	1RB#38	23.49	17.37	PASS
Band48	15MHz	QPSK	56665	1RB#74	23.23	17.11	PASS
Band48	15MHz	QPSK	56665	75RB#0	22.79	16.67	PASS
Band48	15MHz	16QAM	56665	1RB#0	22.10	15.98	PASS
Band48	15MHz	16QAM	56665	1RB#38	22.60	16.48	PASS
Band48	15MHz	16QAM	56665	1RB#74	22.20	16.08	PASS
Band48	15MHz	16QAM	56665	75RB#0	21.82	15.70	PASS
Band48	15MHz	64QAM	56665	1RB#0	21.18	15.06	PASS
Band48	15MHz	64QAM	56665	1RB#38	21.73	15.61	PASS
Band48	15MHz	64QAM	56665	1RB#74	21.28	15.16	PASS
Band48	15MHz	64QAM	56665	75RB#0	20.93	14.81	PASS
Band48	15MHz	256QAM	56665	1RB#0	18.32	12.20	PASS
Band48	15MHz	256QAM	56665	1RB#38	18.73	12.61	PASS
Band48	15MHz	256QAM	56665	1RB#74	18.51	12.39	PASS
Band48	15MHz	256QAM	56665	75RB#0	18.14	12.02	PASS
Band48	20MHz	QPSK	55340	1RB#0	23.11	16.99	PASS
Band48	20MHz	QPSK	55340	1RB#49	23.38	17.26	PASS
Band48	20MHz	QPSK	55340	1RB#99	23.57	17.45	PASS
Band48	20MHz	QPSK	55340	100RB#0	22.65	16.53	PASS
Band48	20MHz	16QAM	55340	1RB#0	22.13	16.01	PASS
Band48	20MHz	16QAM	55340	1RB#49	22.44	16.32	PASS
Band48	20MHz	16QAM	55340	1RB#99	22.38	16.26	PASS
Band48	20MHz	16QAM	55340	100RB#0	21.64	15.52	PASS
Band48	20MHz	64QAM	55340	1RB#0	21.06	14.94	PASS
Band48	20MHz	64QAM	55340	1RB#49	21.32	15.20	PASS
Band48	20MHz	64QAM	55340	1RB#99	21.25	15.13	PASS
Band48	20MHz	64QAM	55340	100RB#0	20.77	14.65	PASS
Band48	20MHz	256QAM	55340	1RB#0	18.35	12.23	PASS
Band48	20MHz	256QAM	55340	1RB#49	18.45	12.33	PASS
Band48	20MHz	256QAM	55340	1RB#99	18.41	12.29	PASS
Band48	20MHz	256QAM	55340	100RB#0	18.06	11.94	PASS
Band48	20MHz	QPSK	55990	1RB#0	23.28	17.16	PASS
Band48	20MHz	QPSK	55990	1RB#49	23.42	17.30	PASS
Band48	20MHz	QPSK	55990	1RB#99	23.39	17.27	PASS
Band48	20MHz	QPSK	55990	100RB#0	22.85	16.73	PASS
Band48	20MHz	16QAM	55990	1RB#0	22.19	16.07	PASS
Band48	20MHz	16QAM	55990	1RB#49	22.36	16.24	PASS
Band48	20MHz	16QAM	55990	1RB#99	22.44	16.32	PASS
Band48	20MHz	16QAM	55990	100RB#0	21.90	15.78	PASS
Band48	20MHz	64QAM	55990	1RB#0	21.16	15.04	PASS
Band48	20MHz	64QAM	55990	1RB#49	21.26	15.14	PASS
Band48	20MHz	64QAM	55990	1RB#99	21.46	15.34	PASS
Band48	20MHz	64QAM	55990	100RB#0	21.02	14.90	PASS

Band48	20MHz	256QAM	55990	1RB#0	18.35	12.23	PASS
Band48	20MHz	256QAM	55990	1RB#49	18.37	12.25	PASS
Band48	20MHz	256QAM	55990	1RB#99	18.50	12.38	PASS
Band48	20MHz	256QAM	55990	100RB#0	18.14	12.02	PASS
Band48	20MHz	QPSK	56640	1RB#0	23.51	17.39	PASS
Band48	20MHz	QPSK	56640	1RB#49	23.42	17.30	PASS
Band48	20MHz	QPSK	56640	1RB#99	23.37	17.25	PASS
Band48	20MHz	QPSK	56640	100RB#0	22.94	16.82	PASS
Band48	20MHz	16QAM	56640	1RB#0	22.64	16.52	PASS
Band48	20MHz	16QAM	56640	1RB#49	22.27	16.15	PASS
Band48	20MHz	16QAM	56640	1RB#99	22.19	16.07	PASS
Band48	20MHz	16QAM	56640	100RB#0	22.06	15.94	PASS
Band48	20MHz	64QAM	56640	1RB#0	21.60	15.48	PASS
Band48	20MHz	64QAM	56640	1RB#49	21.10	14.98	PASS
Band48	20MHz	64QAM	56640	1RB#99	21.17	15.05	PASS
Band48	20MHz	64QAM	56640	100RB#0	21.15	15.03	PASS
Band48	20MHz	256QAM	56640	1RB#0	18.68	12.56	PASS
Band48	20MHz	256QAM	56640	1RB#49	18.14	12.02	PASS
Band48	20MHz	256QAM	56640	1RB#99	18.29	12.17	PASS
Band48	20MHz	256QAM	56640	100RB#0	18.33	12.21	PASS

Maximum_power_spectral_density

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	24.09	17.97	23.00	PASS
Band48	5MHz	QPSK	55265	1RB#12	24.2	18.08	23.00	PASS
Band48	5MHz	QPSK	55265	1RB#24	24.15	18.03	23.00	PASS
Band48	5MHz	QPSK	55265	25RB#0	23.28	17.16	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#0	24.63	18.51	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#12	24.71	18.59	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#24	24.69	18.57	23.00	PASS
Band48	5MHz	QPSK	55990	25RB#0	23.91	17.79	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#0	24.67	18.55	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#12	24.67	18.55	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#24	24.66	18.54	23.00	PASS
Band48	5MHz	QPSK	56715	25RB#0	23.82	17.7	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#0	24.23	18.11	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#24	24.27	18.15	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#49	24.35	18.23	23.00	PASS
Band48	10MHz	QPSK	55290	50RB#0	22.46	16.34	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#0	24.74	18.62	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#24	24.79	18.67	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#49	24.82	18.7	23.00	PASS
Band48	10MHz	QPSK	55990	50RB#0	23.18	17.06	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#0	24.68	18.56	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#24	24.84	18.72	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#49	24.8	18.68	23.00	PASS
Band48	10MHz	QPSK	56690	50RB#0	23.09	16.97	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#0	23.18	17.06	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#38	23.39	17.27	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#74	23.31	17.19	23.00	PASS
Band48	15MHz	QPSK	55315	75RB#0	19.9	13.78	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#0	23.56	17.44	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#38	23.66	17.54	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#74	23.74	17.62	23.00	PASS
Band48	15MHz	QPSK	55990	75RB#0	20.35	14.23	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#0	23.45	17.33	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#38	23.56	17.44	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#74	23.65	17.53	23.00	PASS
Band48	15MHz	QPSK	56665	75RB#0	20.31	14.19	23.00	PASS
Band48	20MHz	QPSK	55340	1RB#0	23.14	17.02	23.00	PASS
Band48	20MHz	QPSK	55340	1RB#49	23.44	17.32	23.00	PASS
Band48	20MHz	QPSK	55340	1RB#99	23.27	17.15	23.00	PASS

Band48	20MHz	QPSK	55340	100RB#0	18.76	12.64	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#0	23.59	17.47	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#49	23.61	17.49	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#99	23.68	17.56	23.00	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.18	13.06	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#0	23.39	17.27	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#49	23.65	17.53	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#99	23.49	17.37	23.00	PASS
Band48	20MHz	QPSK	56640	100RB#0	19.04	12.92	23.00	PASS

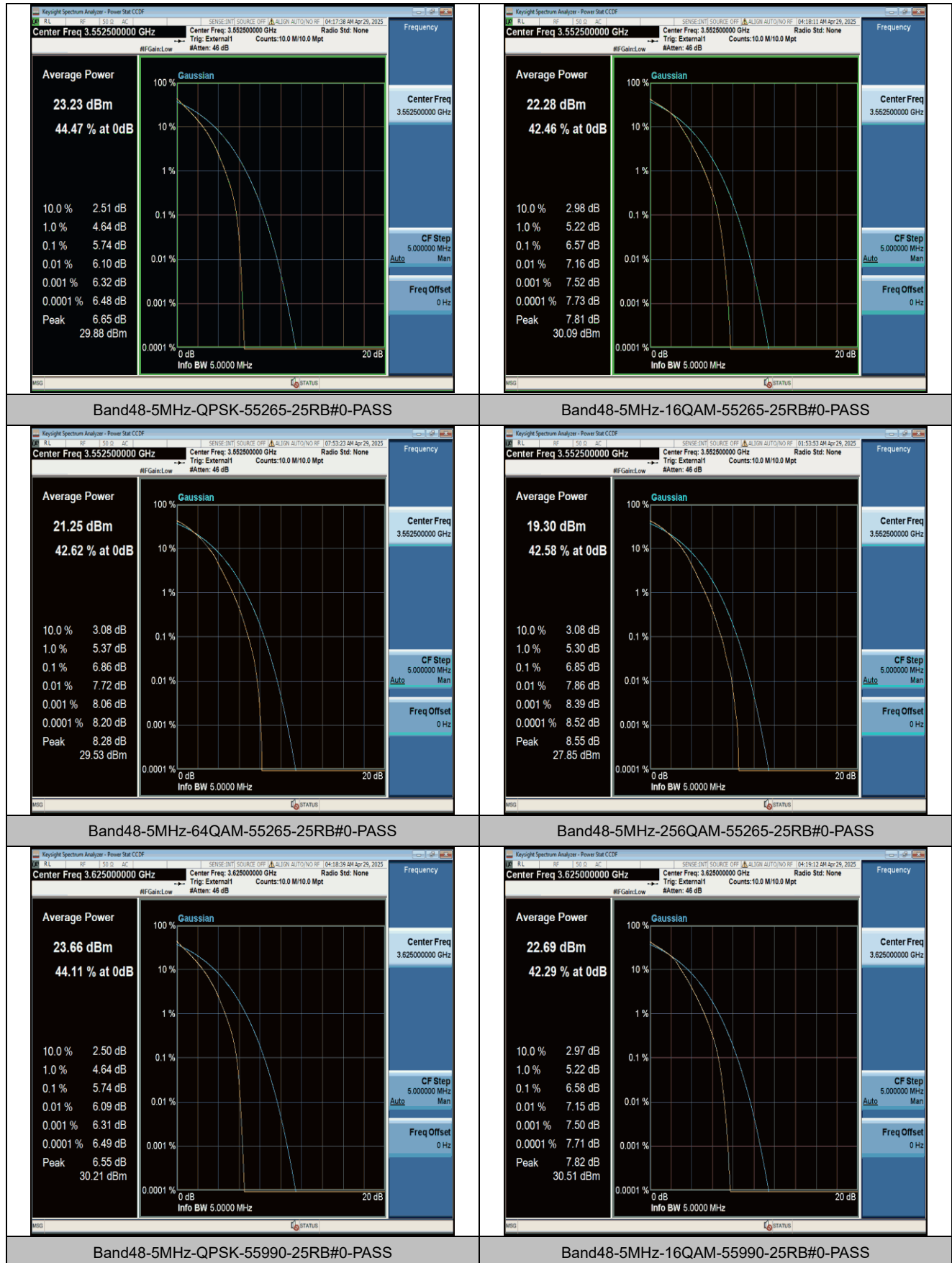
Peak-to-Average Ratio(CCDF)

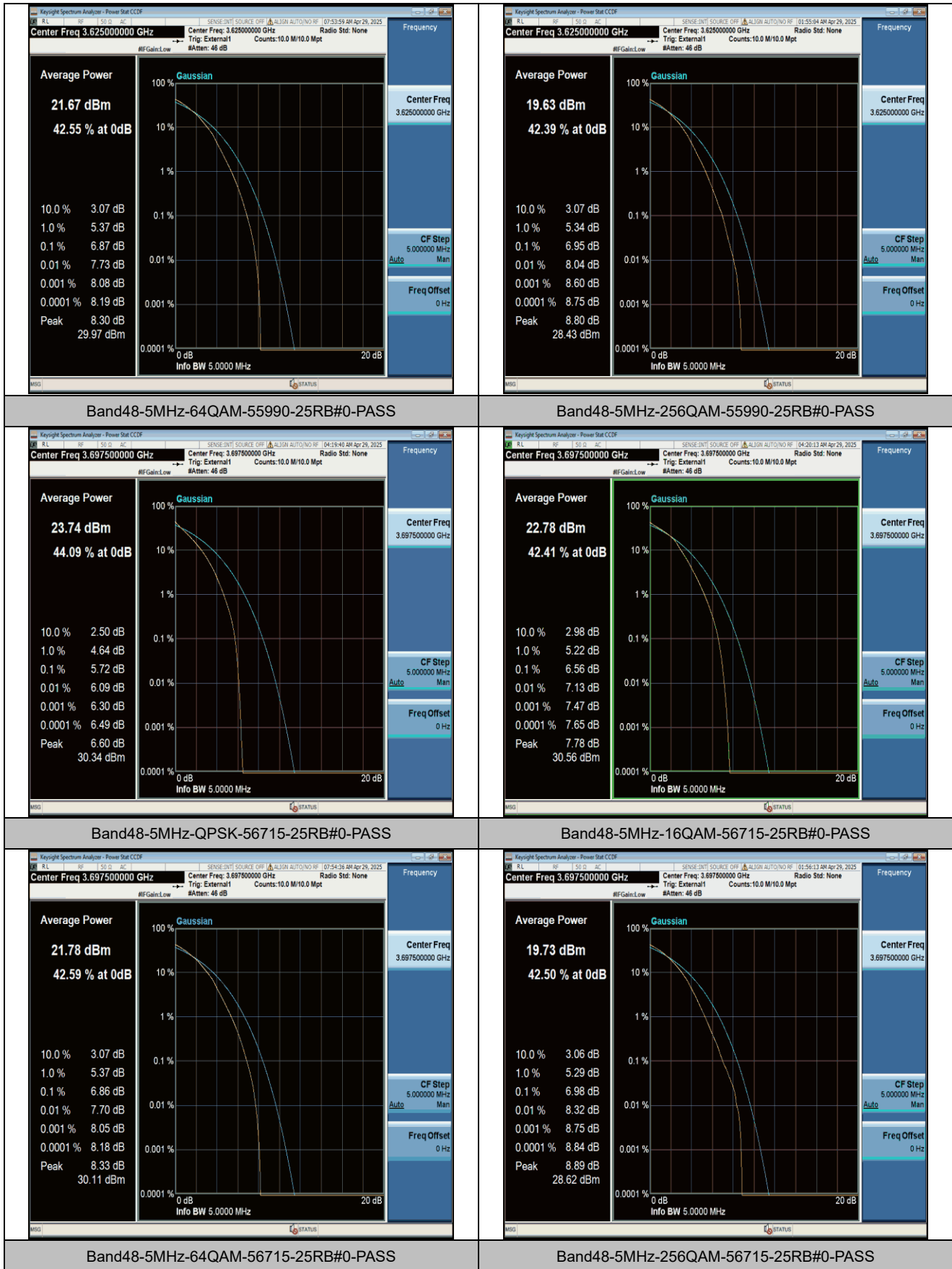
Test Result

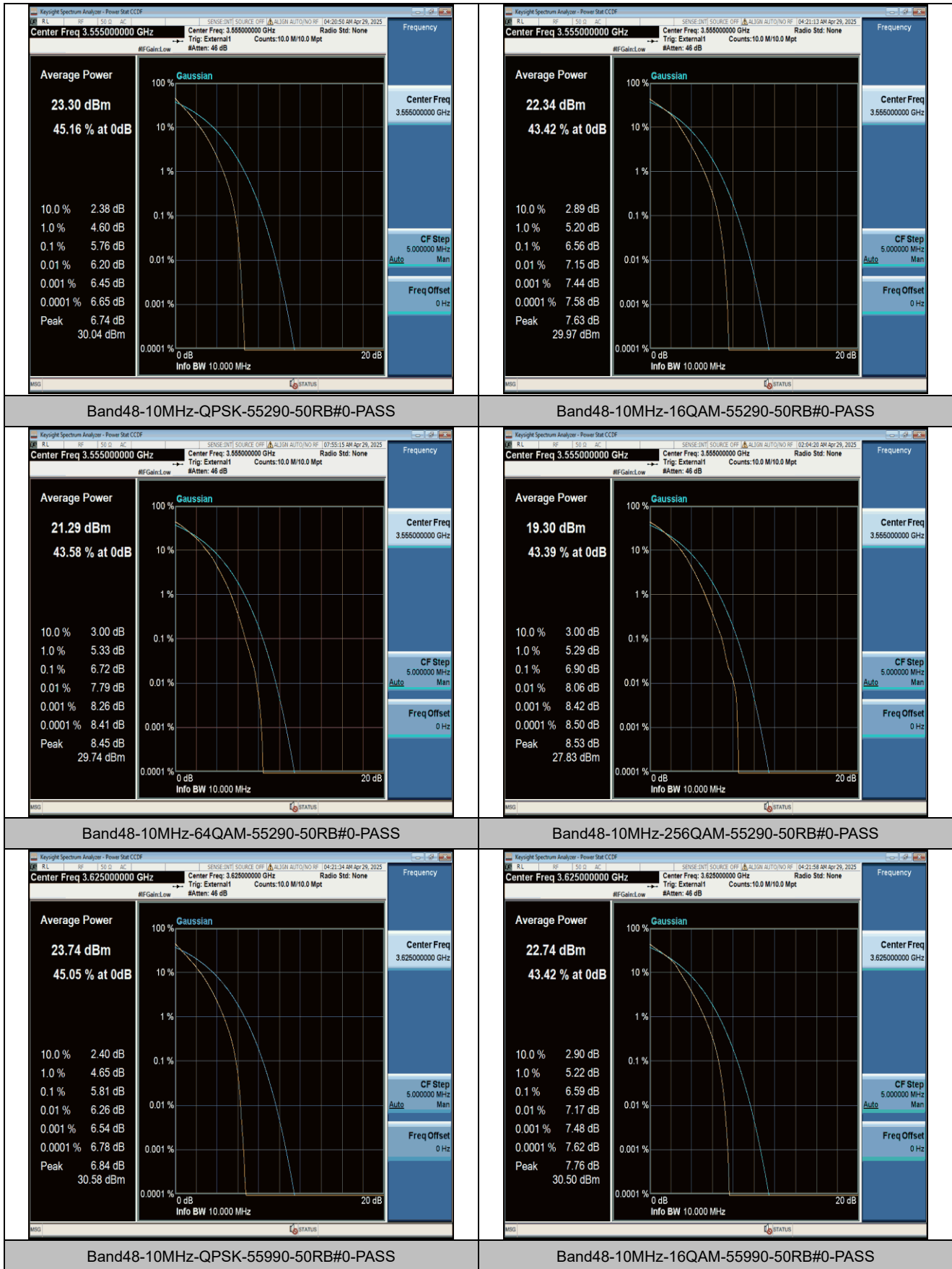
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	5.74	13	PASS
Band48	5MHz	16QAM	55265	25RB#0	6.57	13	PASS
Band48	5MHz	64QAM	55265	25RB#0	6.86	13	PASS
Band48	5MHz	256QAM	55265	25RB#0	6.85	13	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.74	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	6.58	13	PASS
Band48	5MHz	64QAM	55990	25RB#0	6.87	13	PASS
Band48	5MHz	256QAM	55990	25RB#0	6.95	13	PASS
Band48	5MHz	QPSK	56715	25RB#0	5.72	13	PASS
Band48	5MHz	16QAM	56715	25RB#0	6.56	13	PASS
Band48	5MHz	64QAM	56715	25RB#0	6.86	13	PASS
Band48	5MHz	256QAM	56715	25RB#0	6.98	13	PASS
Band48	10MHz	QPSK	55290	50RB#0	5.76	13	PASS
Band48	10MHz	16QAM	55290	50RB#0	6.56	13	PASS
Band48	10MHz	64QAM	55290	50RB#0	6.72	13	PASS
Band48	10MHz	256QAM	55290	50RB#0	6.90	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	5.81	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	6.59	13	PASS
Band48	10MHz	64QAM	55990	50RB#0	6.89	13	PASS
Band48	10MHz	256QAM	55990	50RB#0	6.94	13	PASS
Band48	10MHz	QPSK	56690	50RB#0	5.78	13	PASS
Band48	10MHz	16QAM	56690	50RB#0	6.57	13	PASS
Band48	10MHz	64QAM	56690	50RB#0	6.73	13	PASS
Band48	10MHz	256QAM	56690	50RB#0	6.93	13	PASS
Band48	15MHz	QPSK	55315	75RB#0	5.70	13	PASS
Band48	15MHz	16QAM	55315	75RB#0	6.58	13	PASS
Band48	15MHz	64QAM	55315	75RB#0	6.95	13	PASS
Band48	15MHz	256QAM	55315	75RB#0	6.94	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	5.82	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	6.66	13	PASS
Band48	15MHz	64QAM	55990	75RB#0	7.04	13	PASS
Band48	15MHz	256QAM	55990	75RB#0	6.98	13	PASS
Band48	15MHz	QPSK	56665	75RB#0	5.73	13	PASS
Band48	15MHz	16QAM	56665	75RB#0	6.59	13	PASS
Band48	15MHz	64QAM	56665	75RB#0	6.98	13	PASS
Band48	15MHz	256QAM	56665	75RB#0	6.94	13	PASS
Band48	20MHz	QPSK	55340	100RB#0	5.70	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	6.54	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	6.89	13	PASS

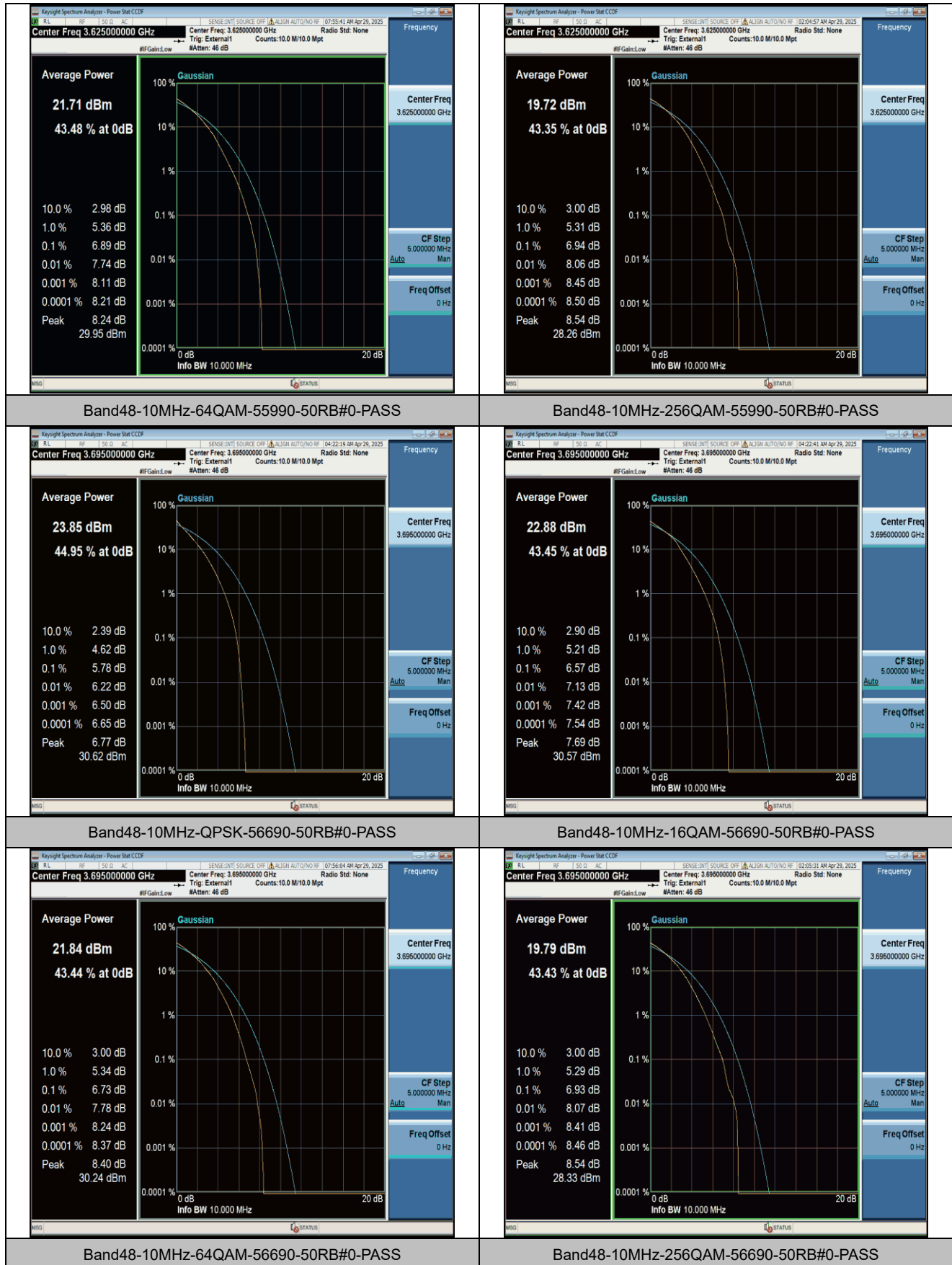
Band48	20MHz	256QAM	55340	100RB#0	6.91	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	5.90	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	6.67	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	6.89	13	PASS
Band48	20MHz	256QAM	55990	100RB#0	7.15	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	5.88	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	6.72	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	7.03	13	PASS
Band48	20MHz	256QAM	56640	100RB#0	7.20	13	PASS

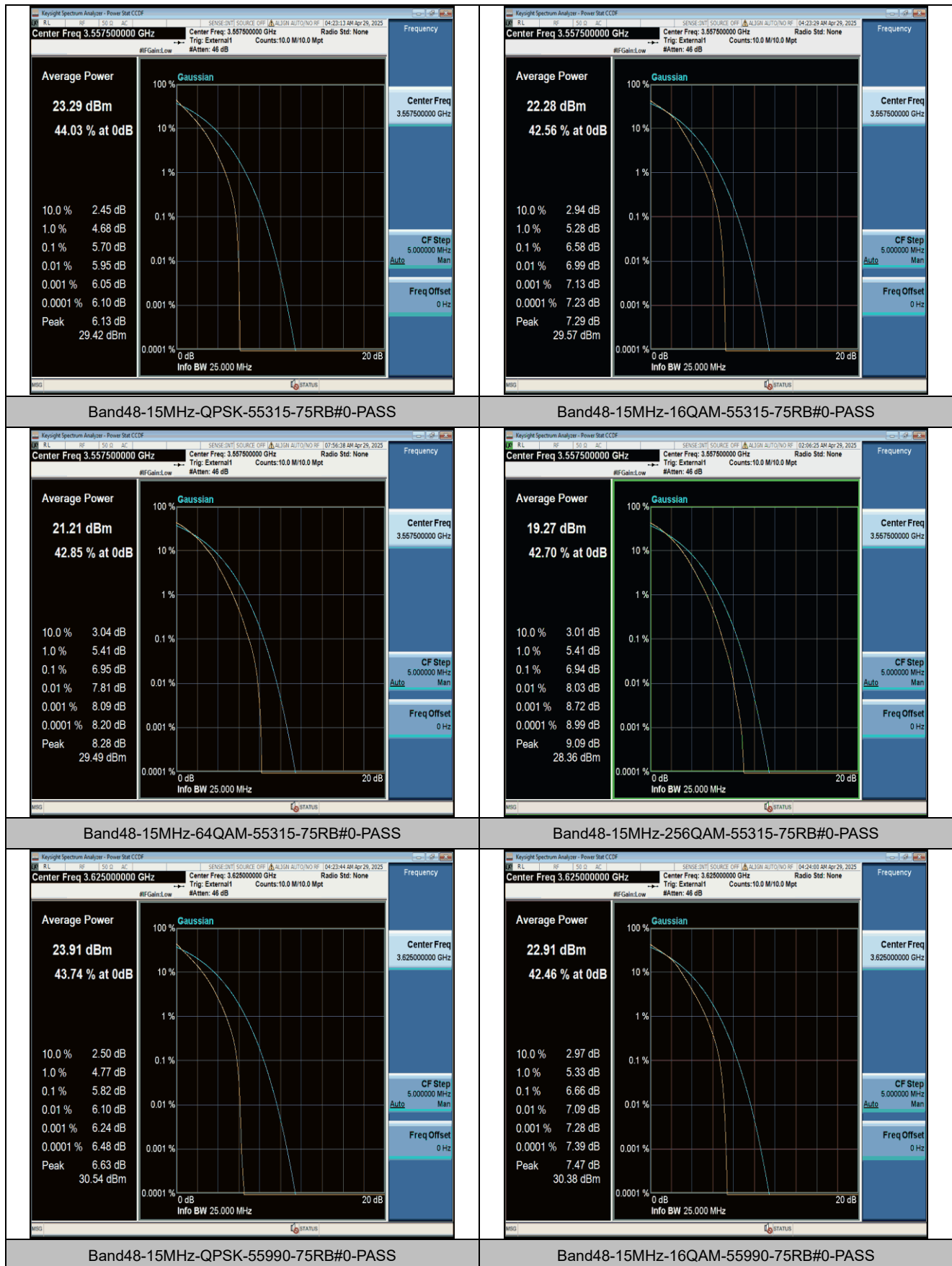
Test Graphs

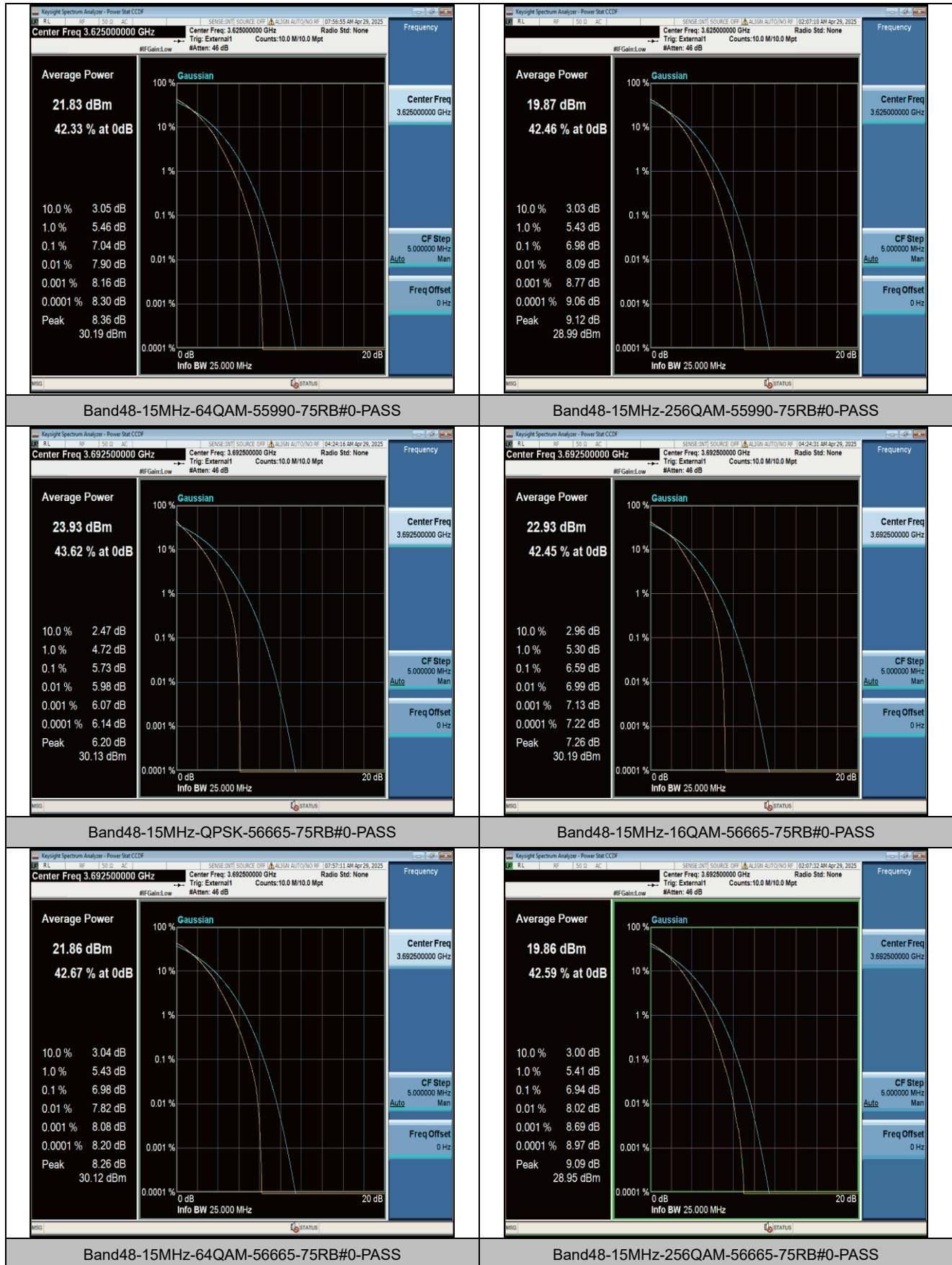


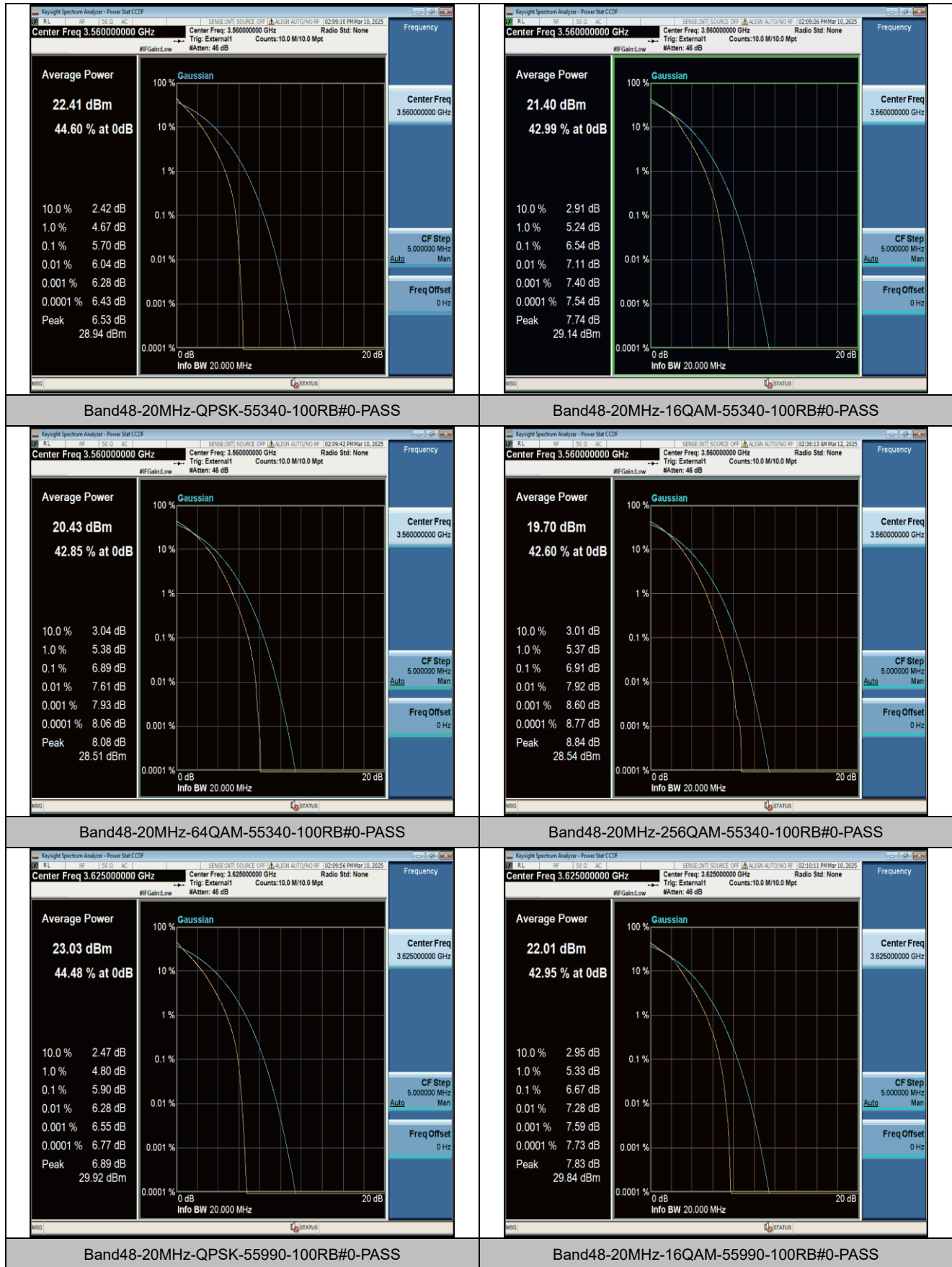


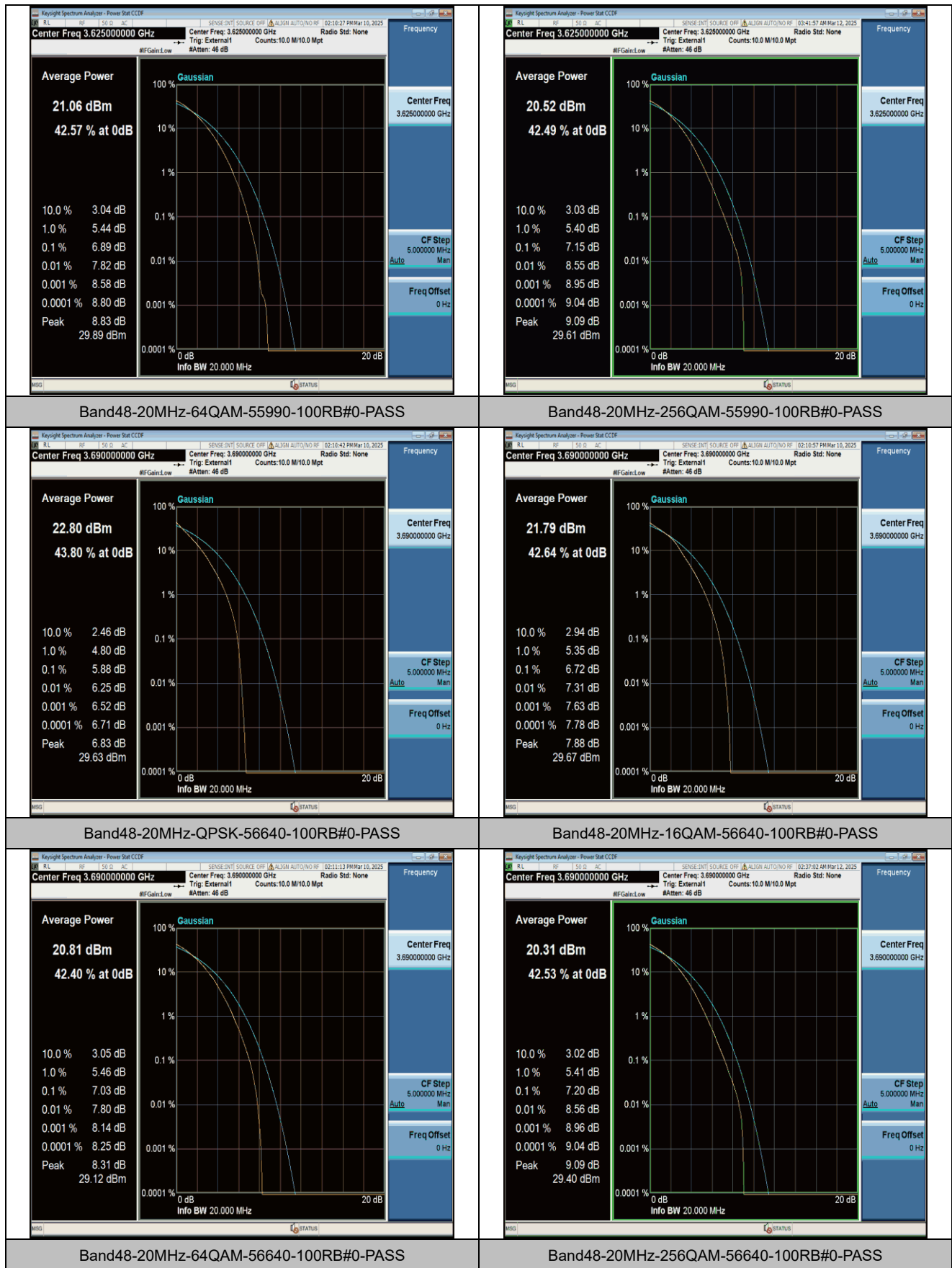












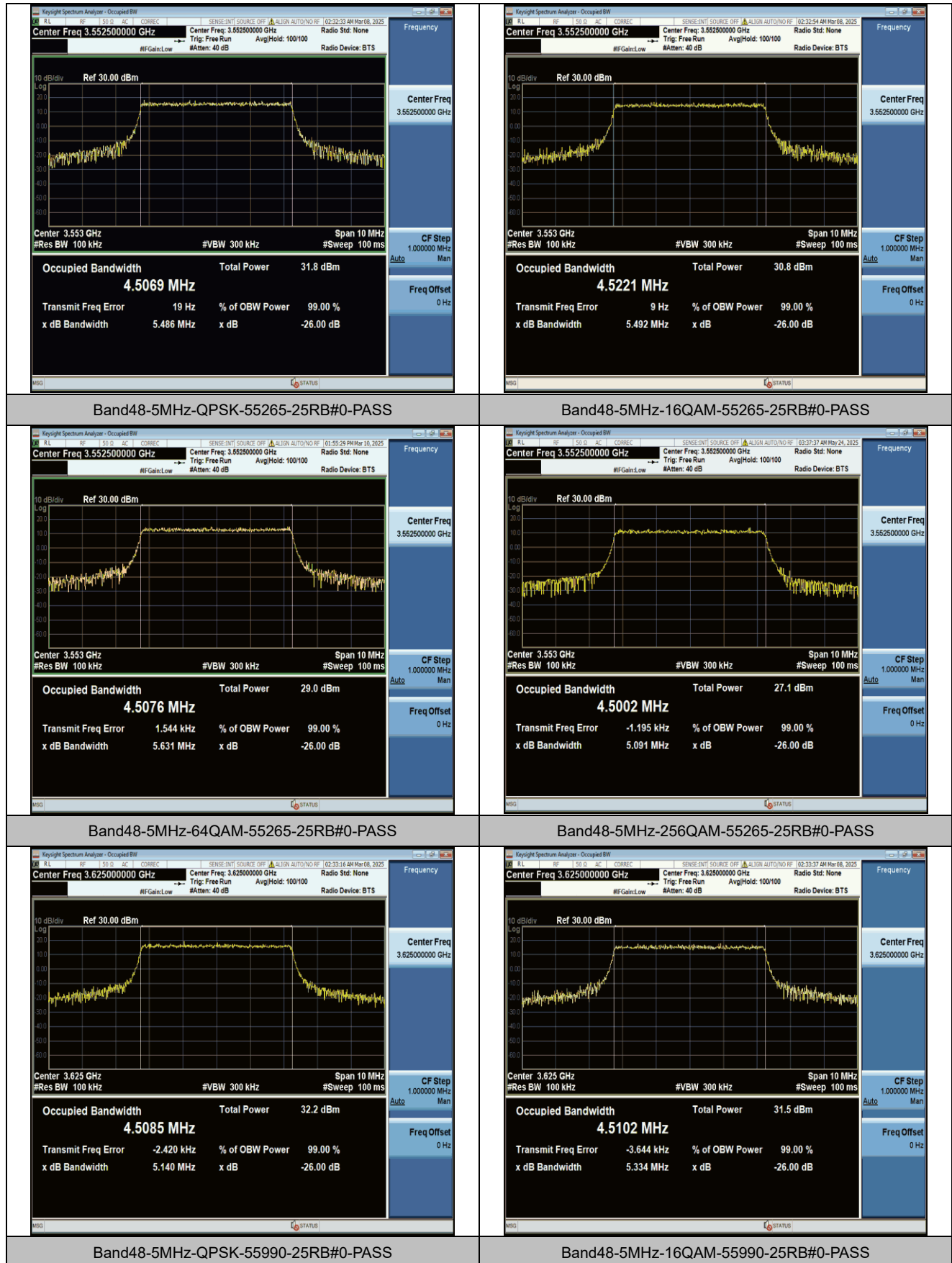
26dB Bandwidth and Occupied Bandwidth

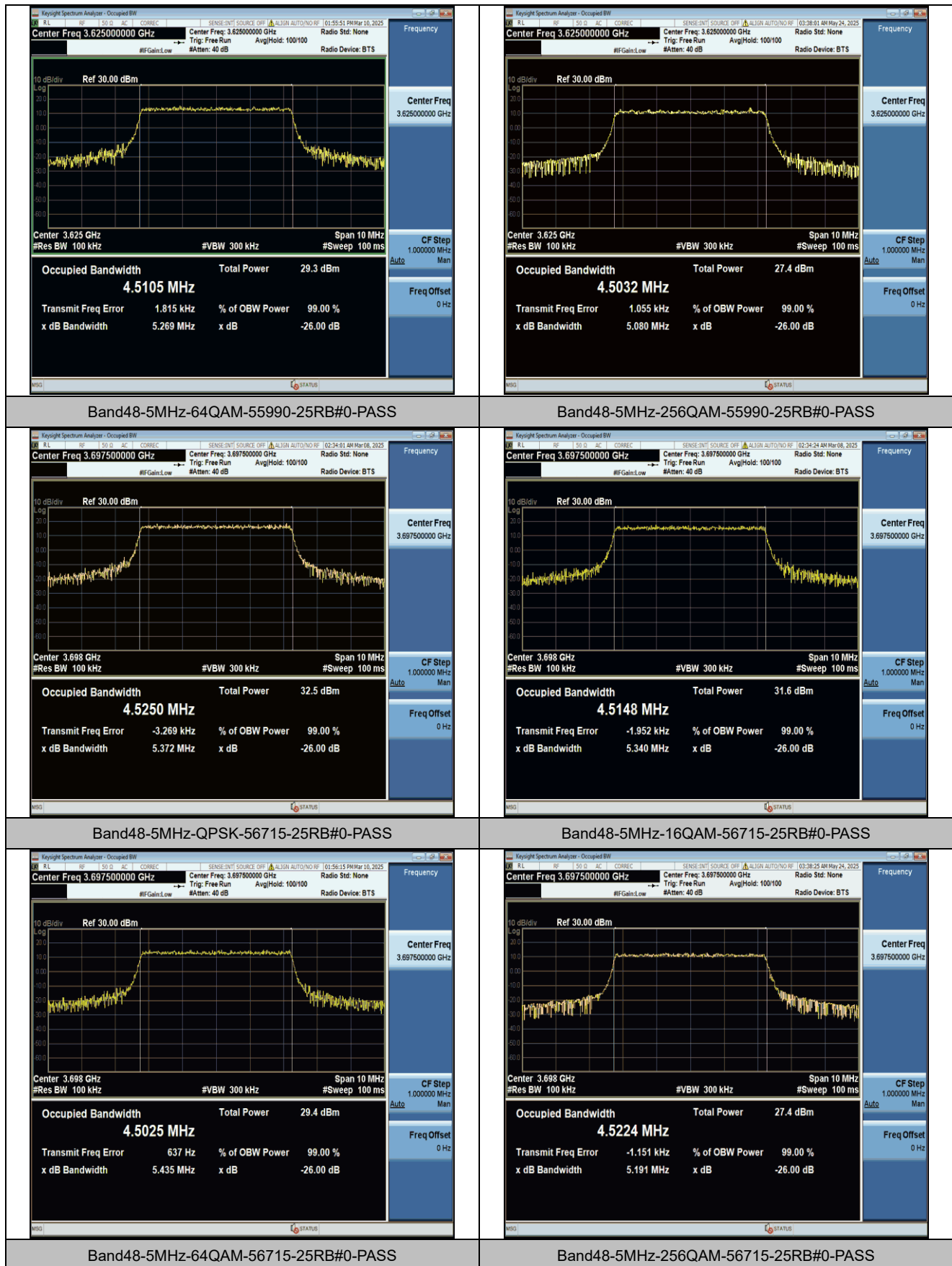
Test Result

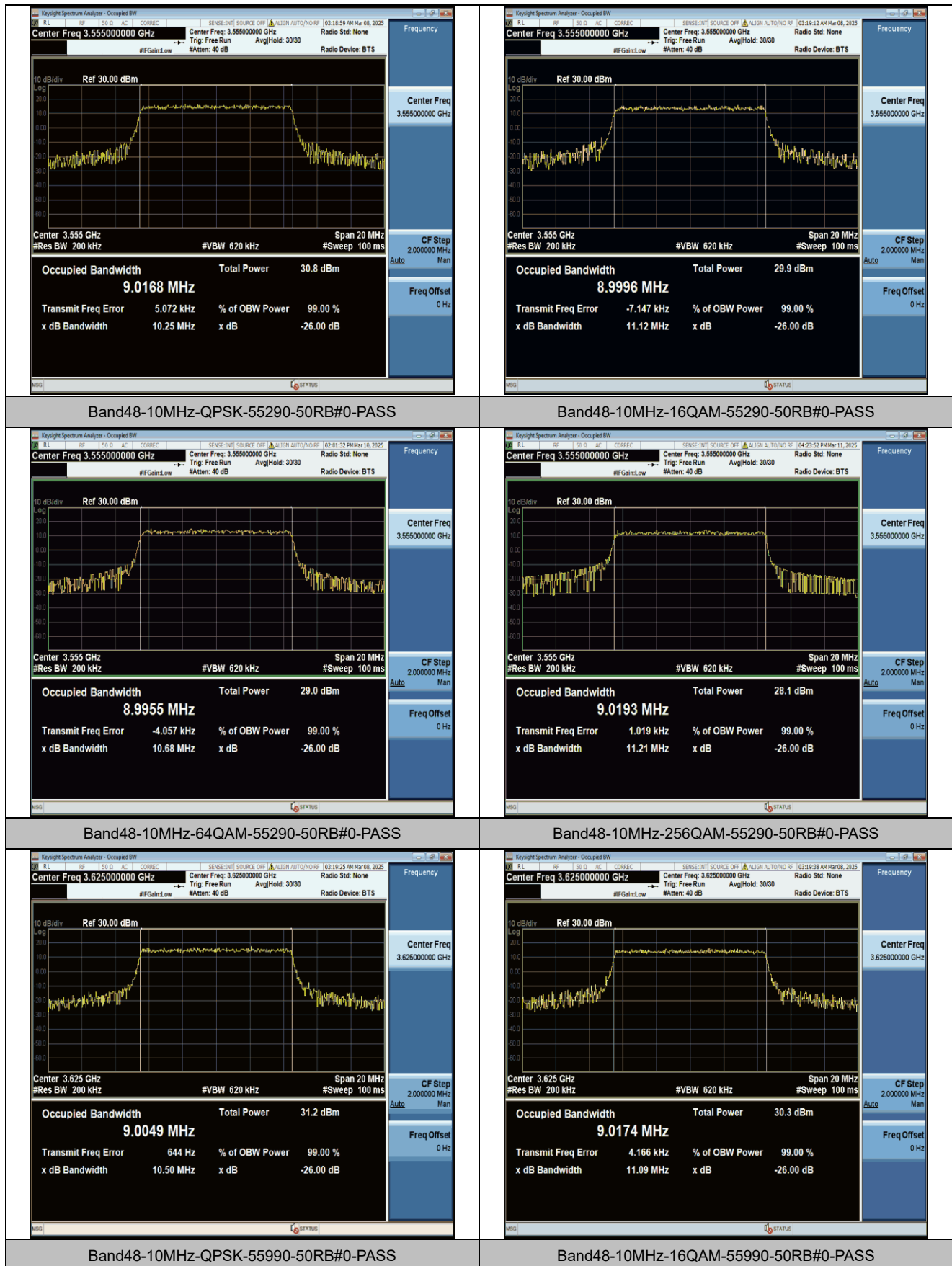
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.5069	5.486	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.5221	5.492	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.5076	5.631	PASS
Band48	5MHz	256QAM	55265	25RB#0	4.5002	5.091	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.5085	5.140	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.5102	5.334	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.5105	5.269	PASS
Band48	5MHz	256QAM	55990	25RB#0	4.5032	5.080	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.5250	5.372	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.5148	5.340	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.5025	5.435	PASS
Band48	5MHz	256QAM	56715	25RB#0	4.5224	5.191	PASS
Band48	10MHz	QPSK	55290	50RB#0	9.0168	10.25	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.9996	11.12	PASS
Band48	10MHz	64QAM	55290	50RB#0	8.9955	10.68	PASS
Band48	10MHz	256QAM	55290	50RB#0	9.0193	11.21	PASS
Band48	10MHz	QPSK	55990	50RB#0	9.0049	10.50	PASS
Band48	10MHz	16QAM	55990	50RB#0	9.0174	11.09	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.9897	9.975	PASS
Band48	10MHz	256QAM	55990	50RB#0	8.9770	10.25	PASS
Band48	10MHz	QPSK	56690	50RB#0	9.0061	10.69	PASS
Band48	10MHz	16QAM	56690	50RB#0	9.0204	10.95	PASS
Band48	10MHz	64QAM	56690	50RB#0	9.0164	10.58	PASS
Band48	10MHz	256QAM	56690	50RB#0	9.0111	10.53	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.487	15.64	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.506	15.22	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.479	15.38	PASS
Band48	15MHz	256QAM	55315	75RB#0	13.503	15.38	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.503	15.84	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.522	15.71	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.489	15.11	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.505	15.56	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.506	15.23	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.494	16.18	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.520	15.37	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.499	15.38	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.993	20.36	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.914	20.13	PASS

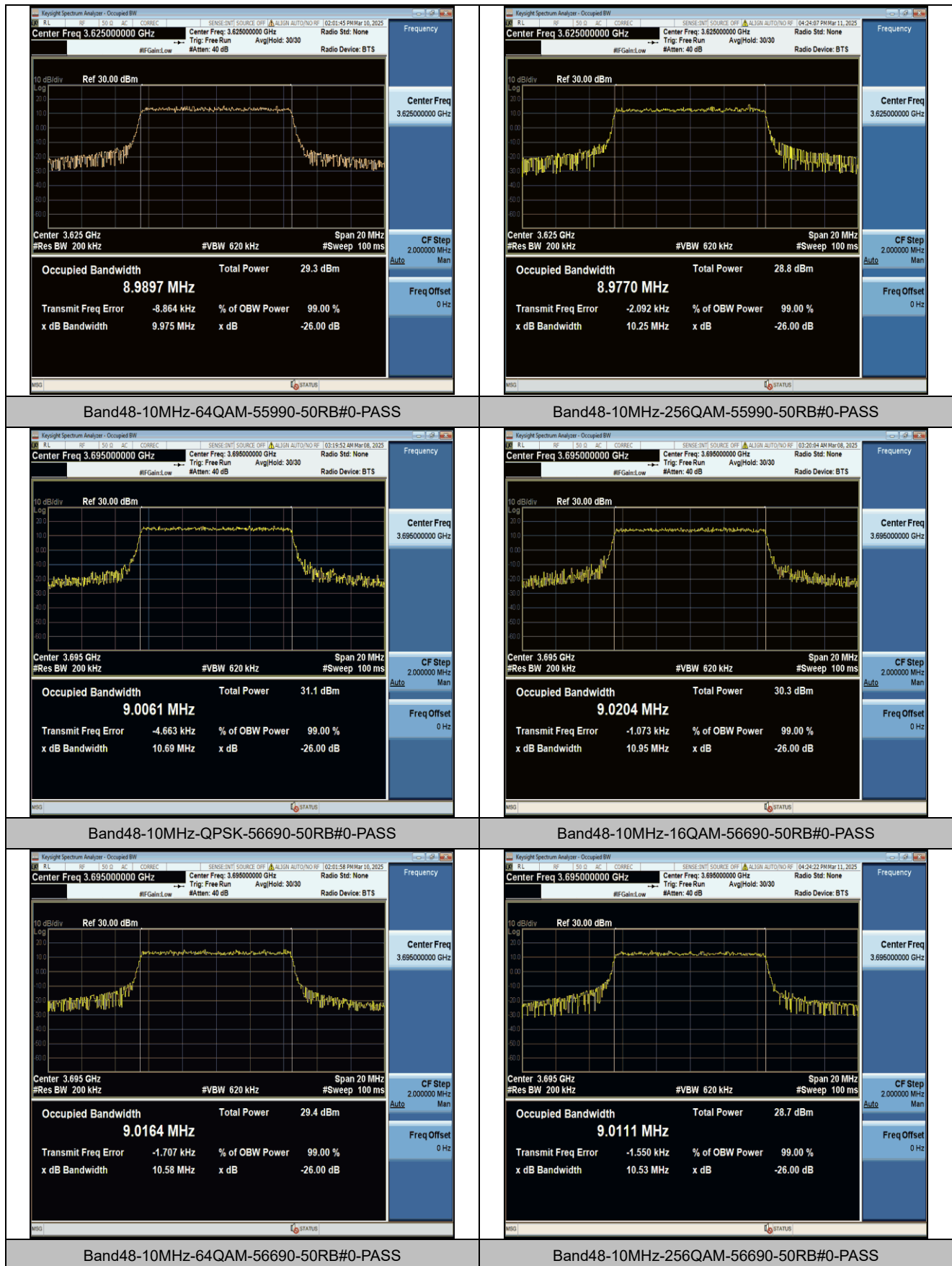
Band48	20MHz	64QAM	55340	100RB#0	17.957	19.98	PASS
Band48	20MHz	256QAM	55340	100RB#0	18.009	20.88	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.984	20.52	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.968	21.28	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.967	19.78	PASS
Band48	20MHz	256QAM	55990	100RB#0	17.932	19.97	PASS
Band48	20MHz	QPSK	56640	100RB#0	18.005	20.28	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.941	20.33	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.944	19.95	PASS
Band48	20MHz	256QAM	56640	100RB#0	17.974	19.89	PASS

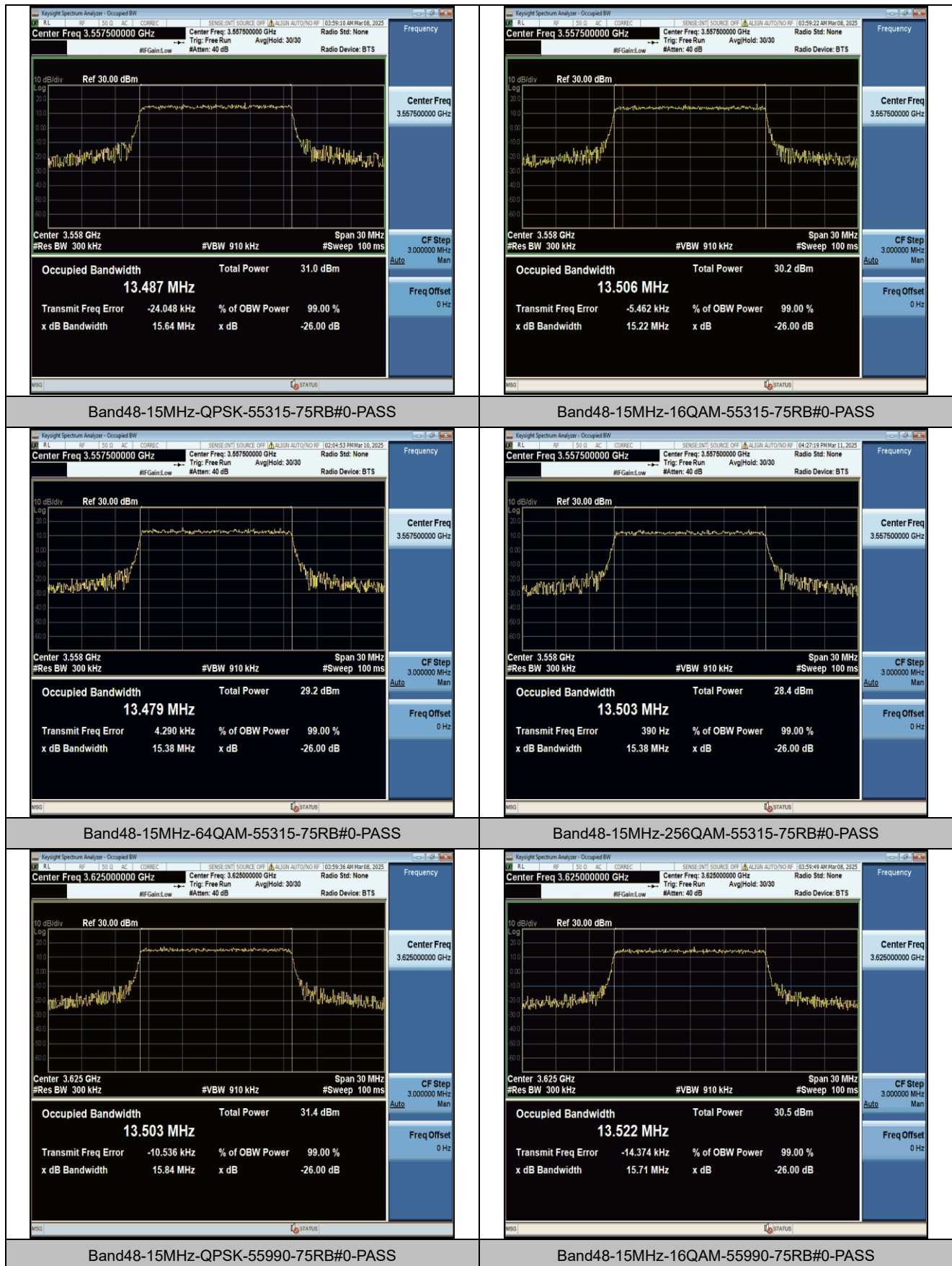
Test Graphs

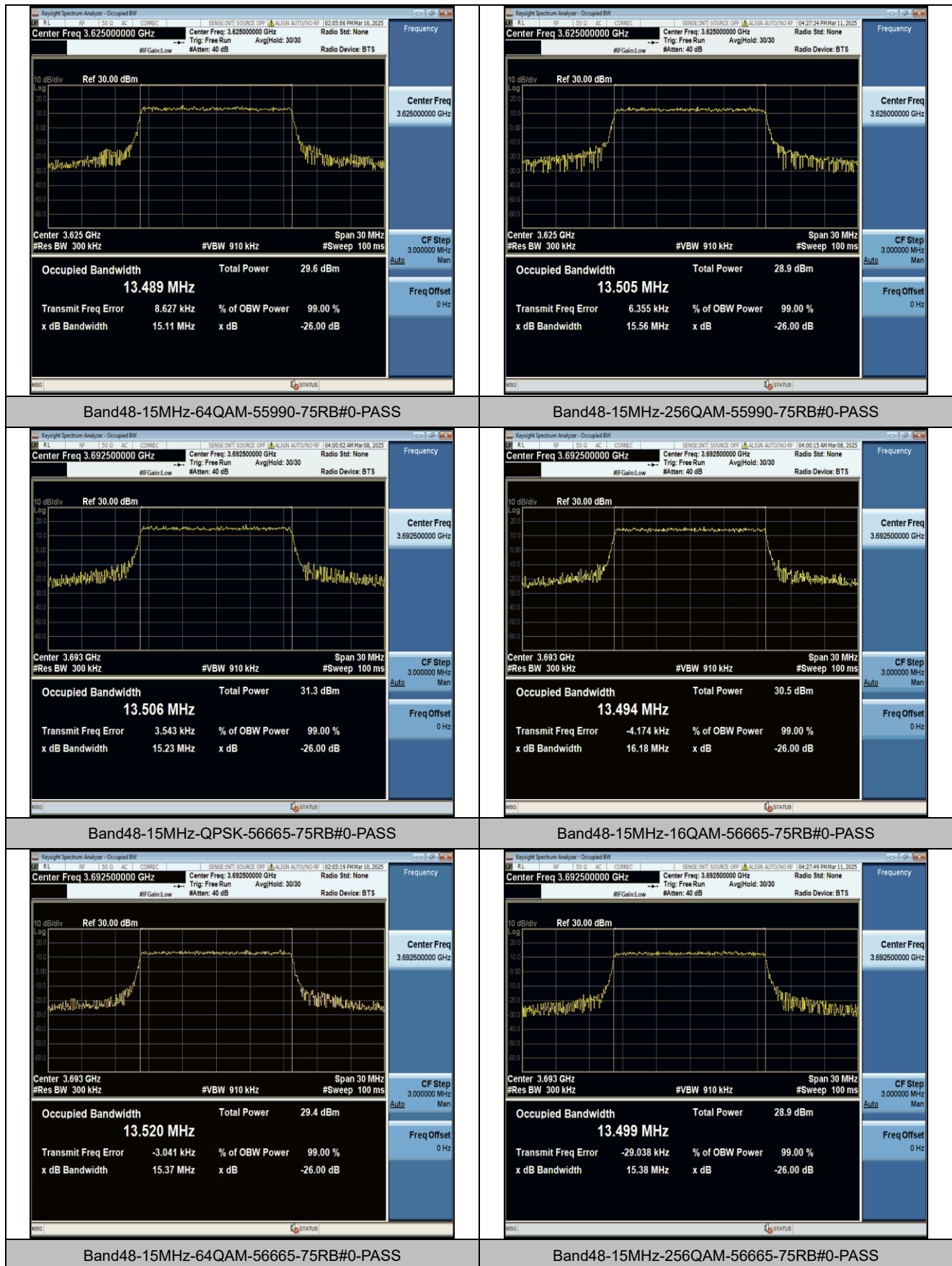


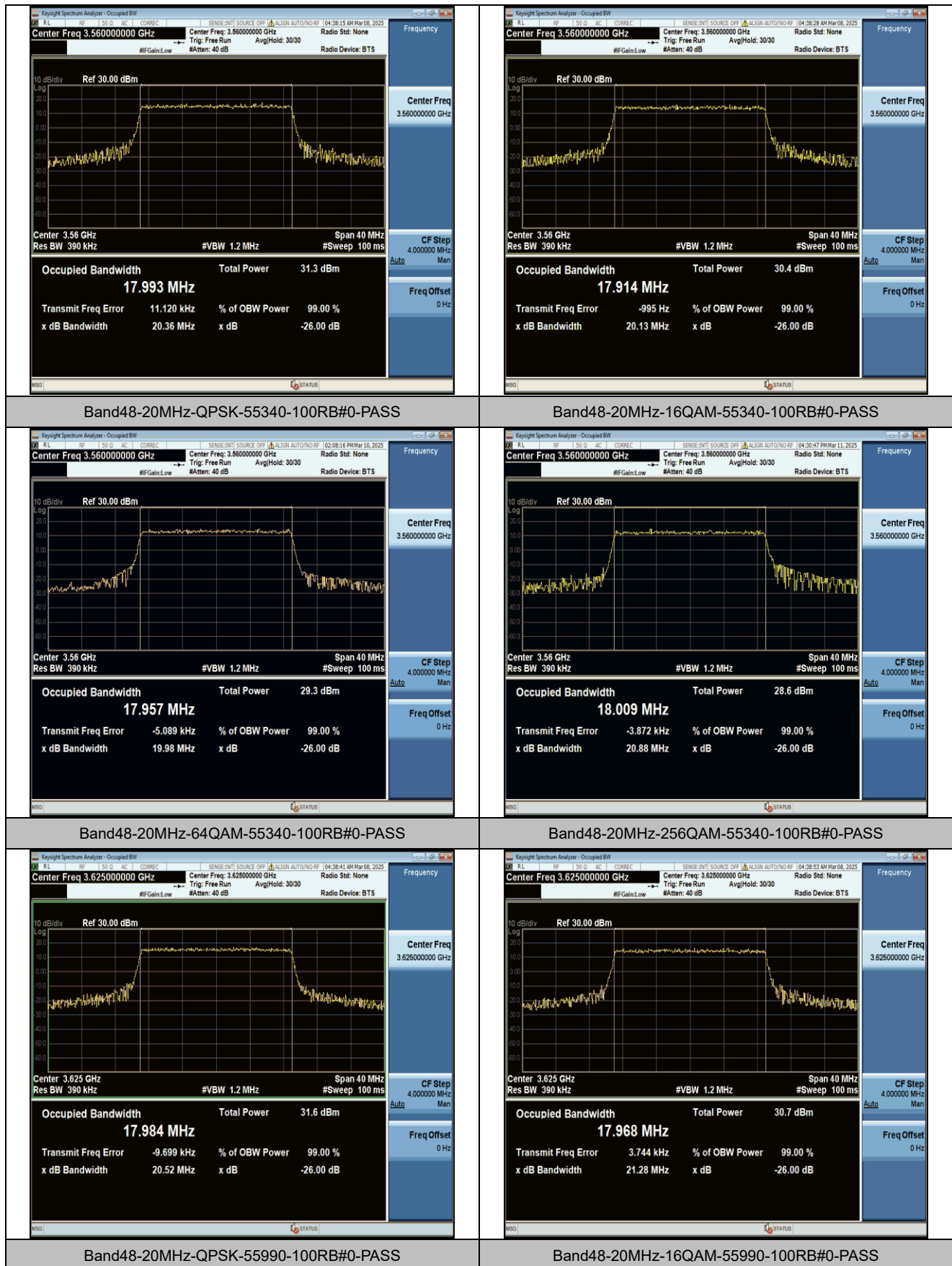


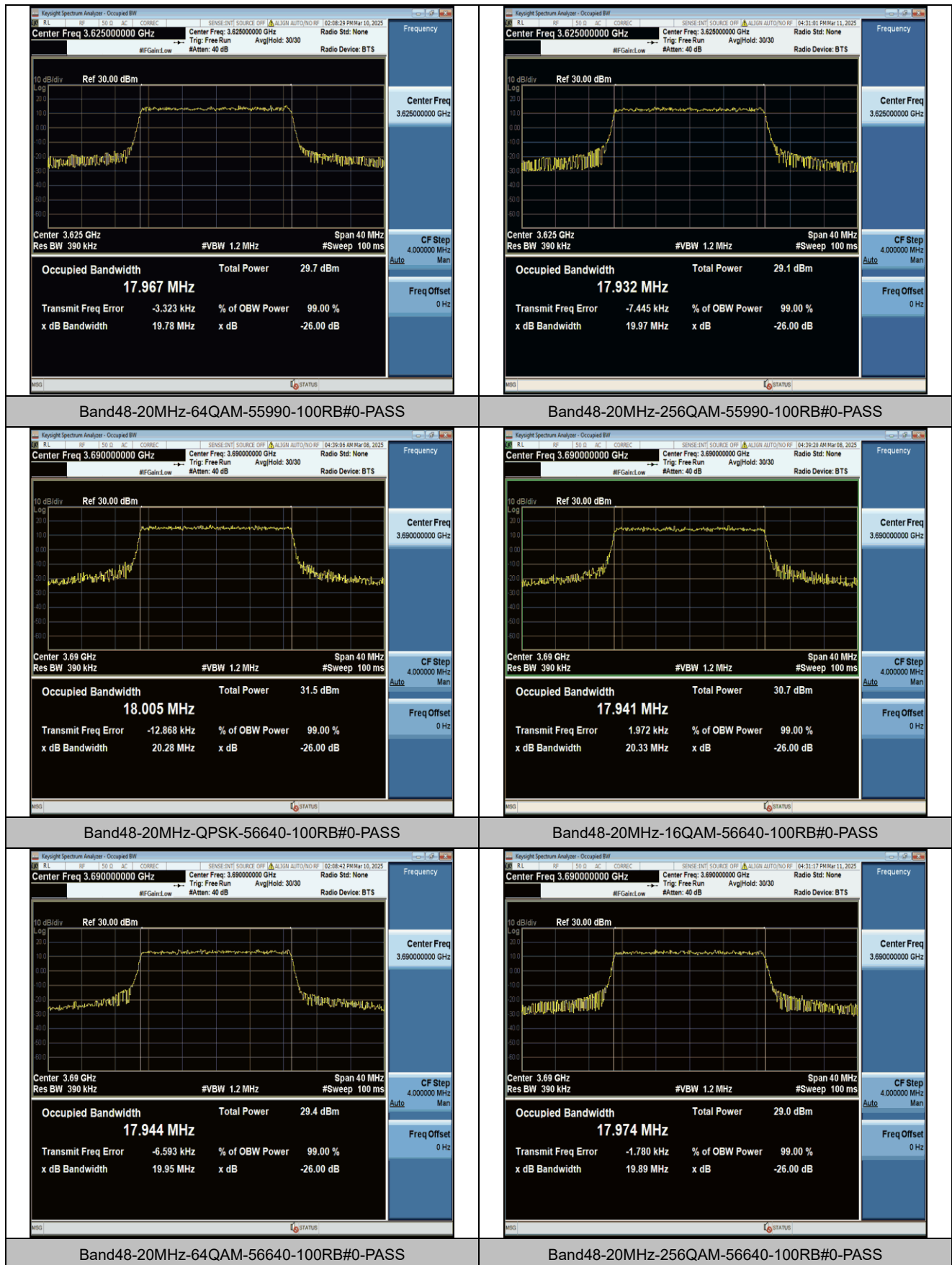






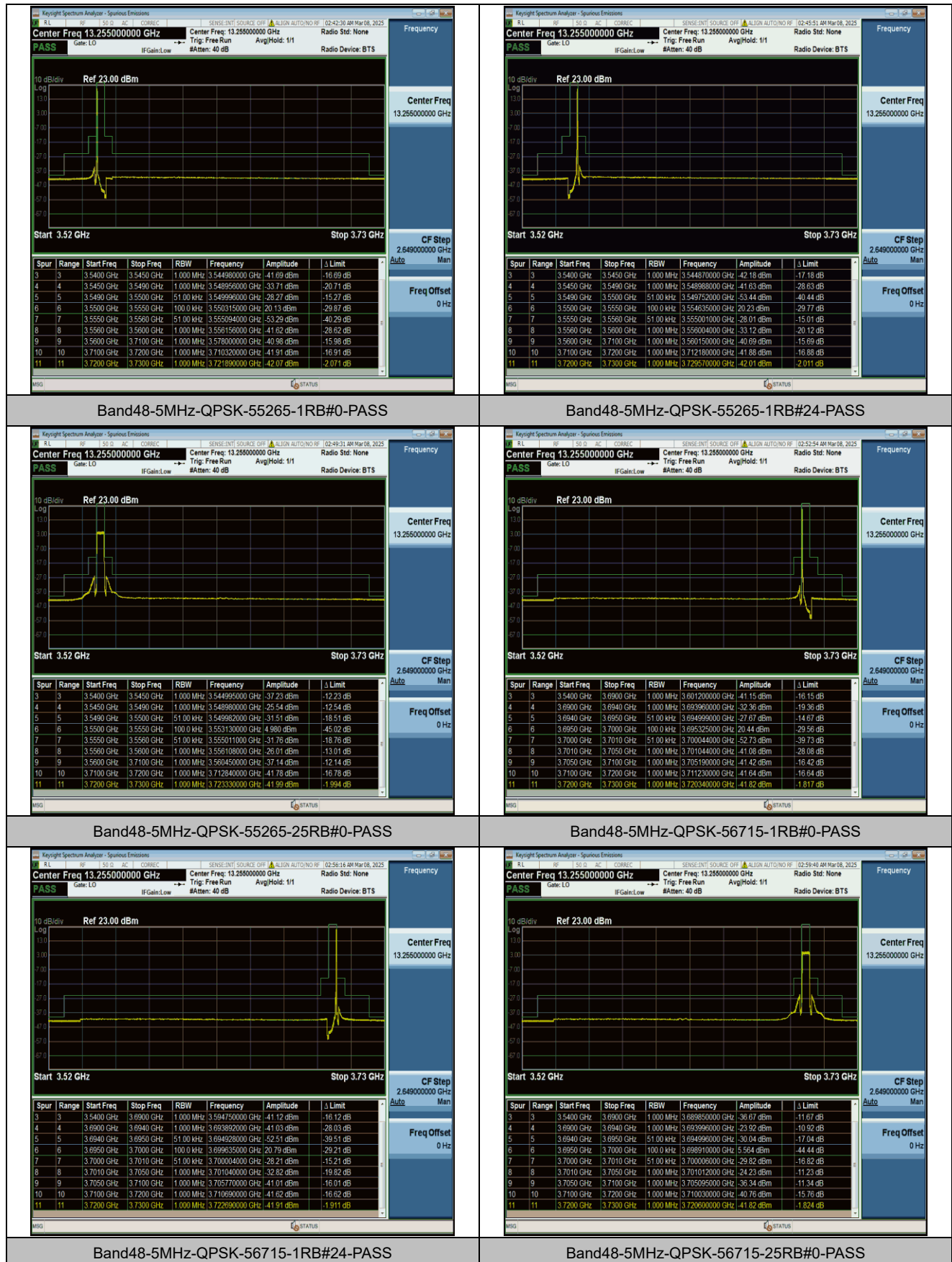


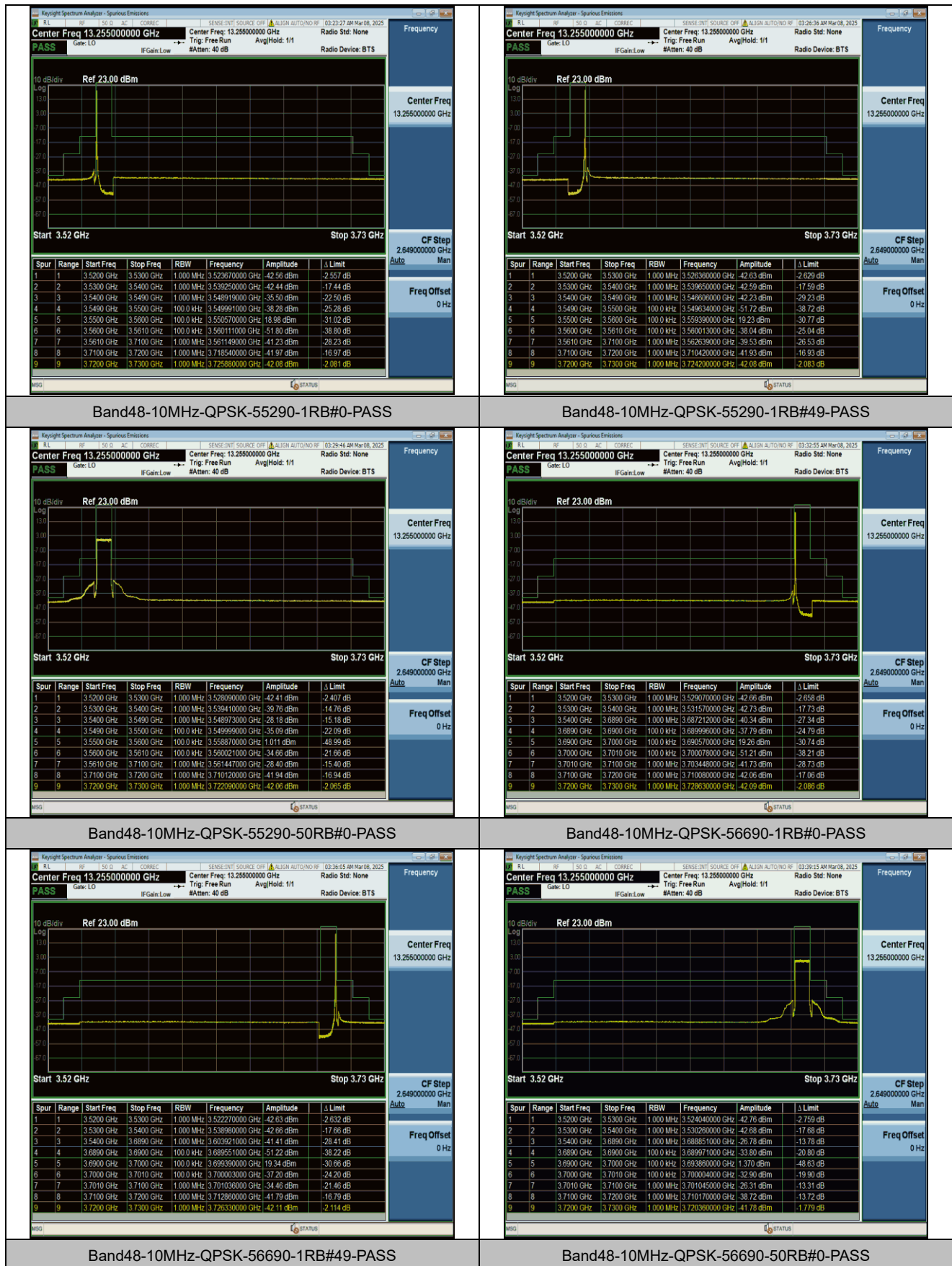


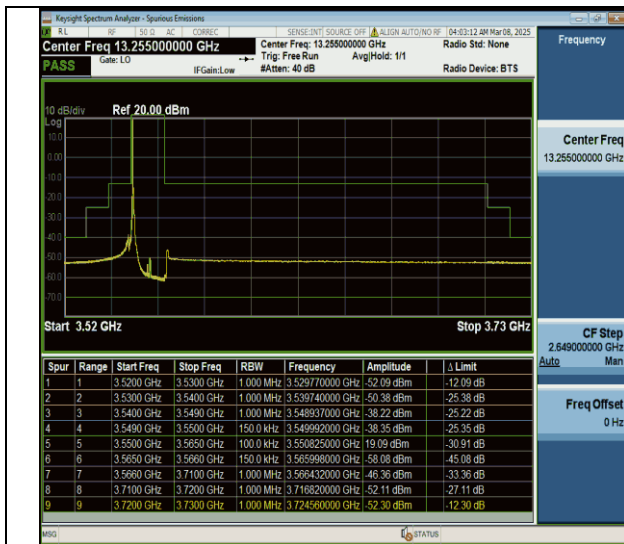


Band Edge

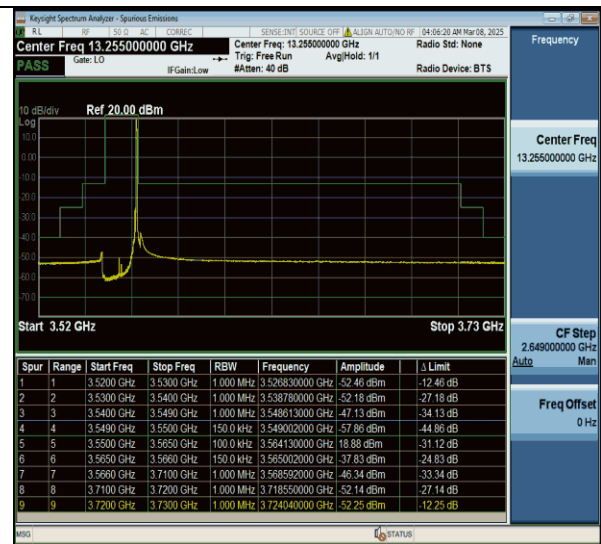
Test Graphs







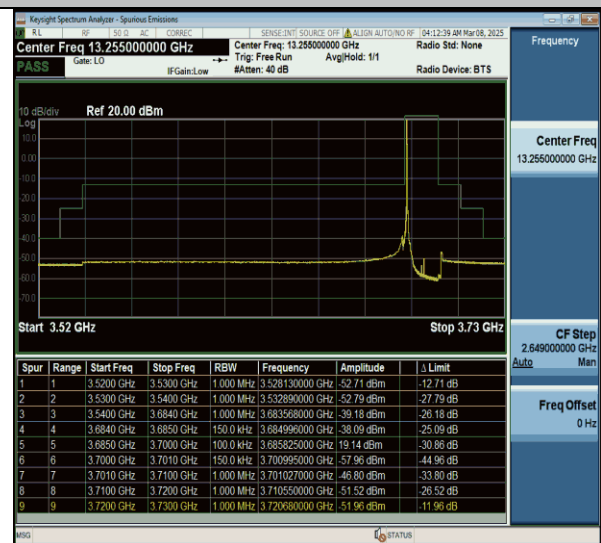
Band48-15MHz-QPSK-55315-1RB#0-PASS



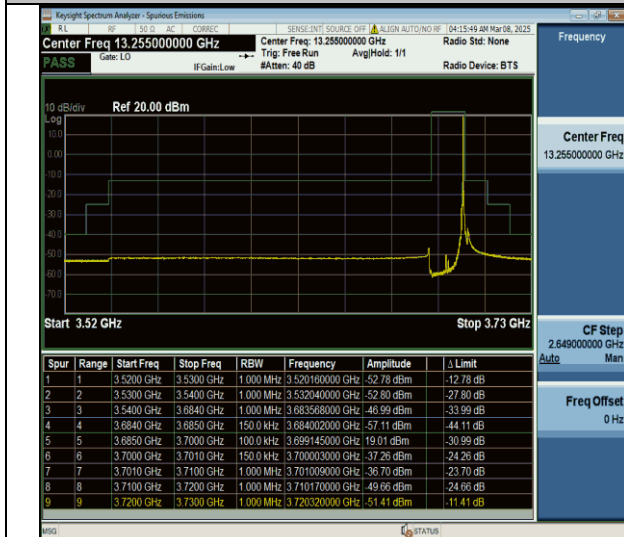
Band48-15MHz-QPSK-55315-1RB#74-PASS



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



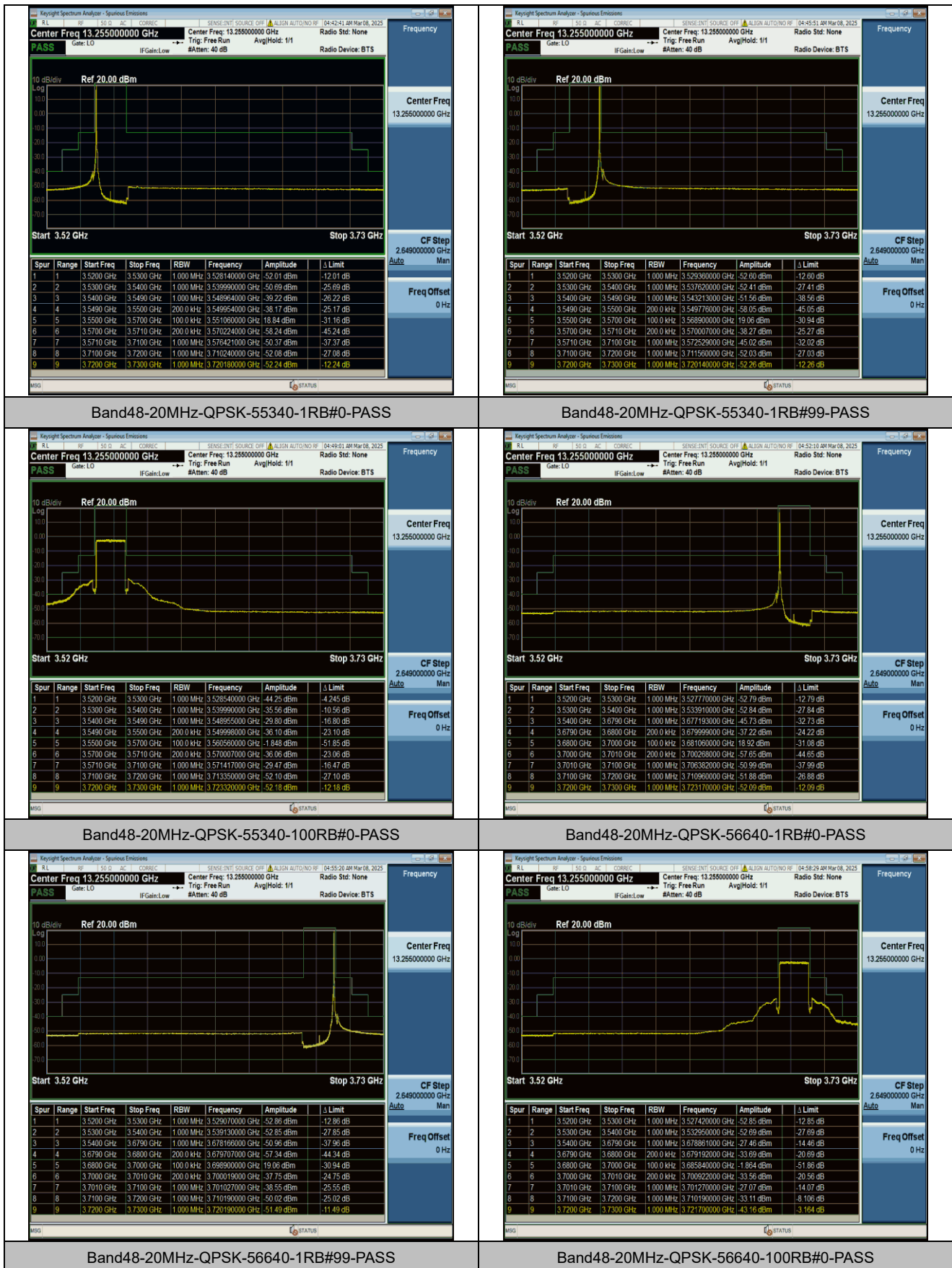
Band48-15MHz-QPSK-56665-1RB#0-PASS



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

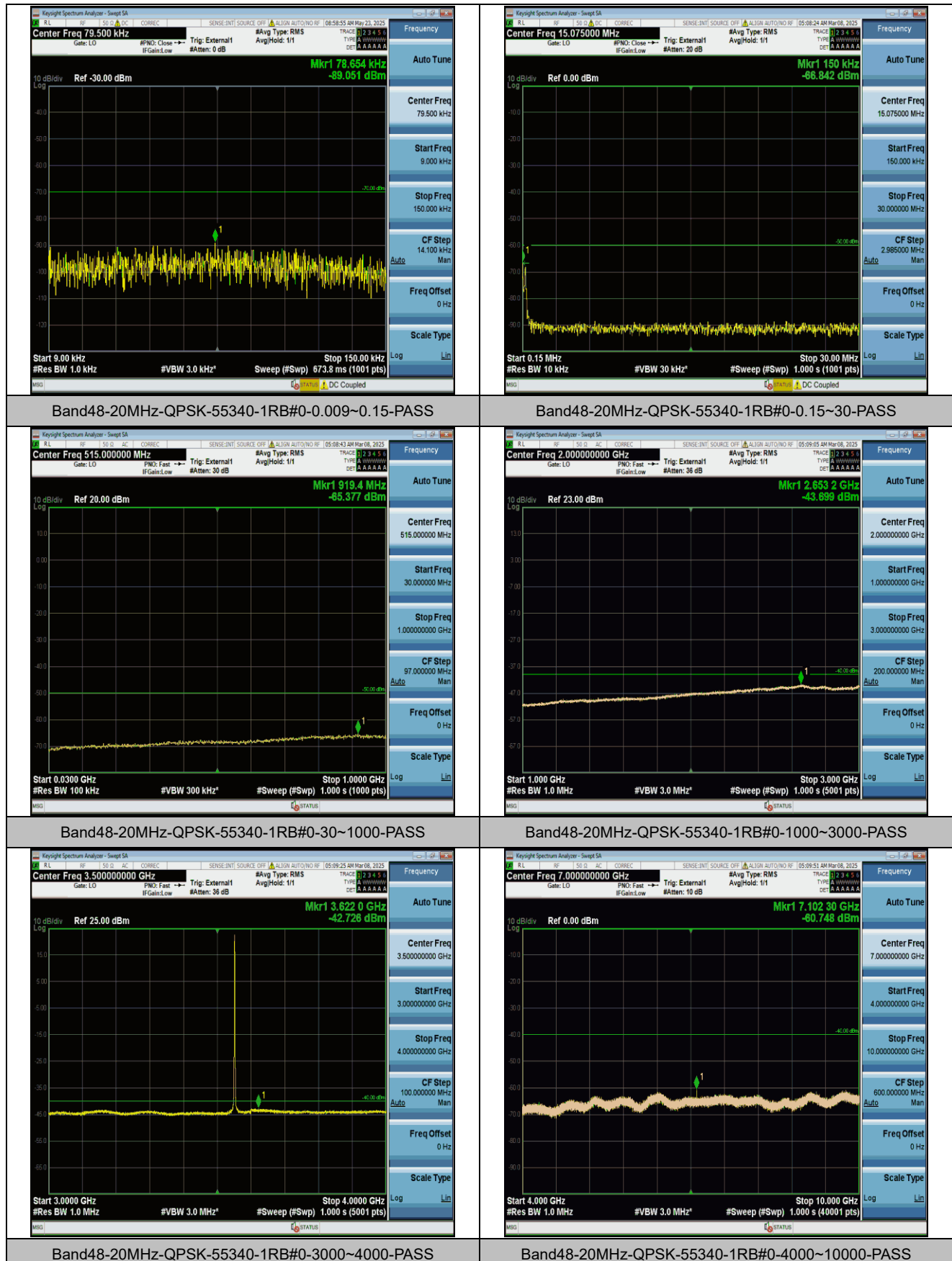


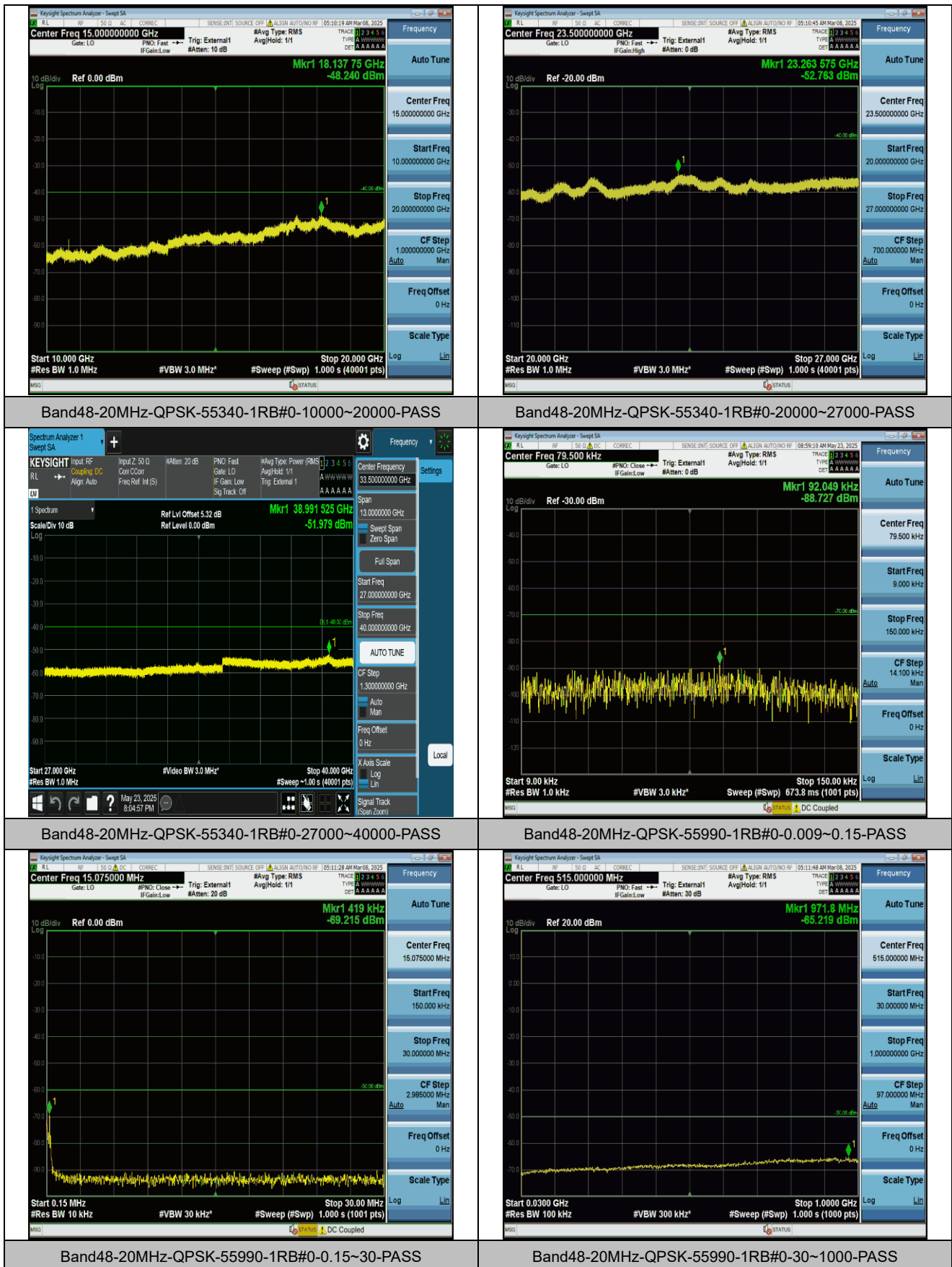
Band48-15MHz-QPSK-56665-75RB#0-PASS



Conducted Spurious Emission

Test Graphs







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



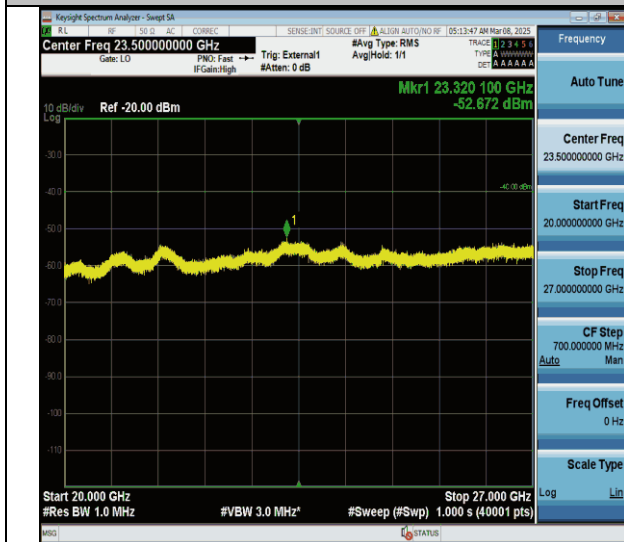
Band48-20MHz-QPSK-55990-1RB#0-3000~4000-PASS



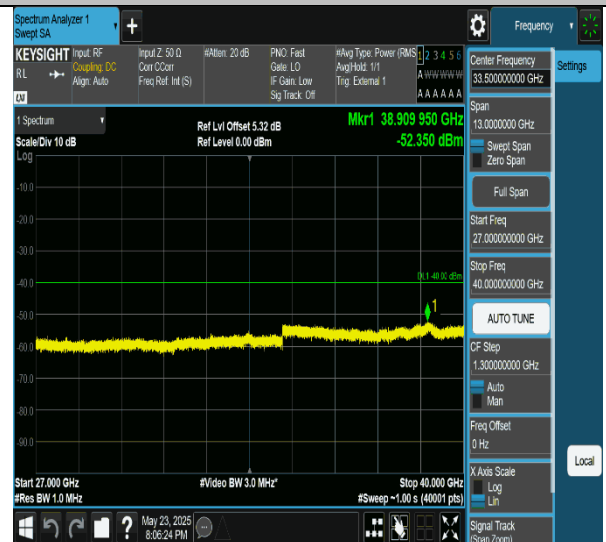
Band48-20MHz-QPSK-55990-1RB#0-4000~10000-PASS



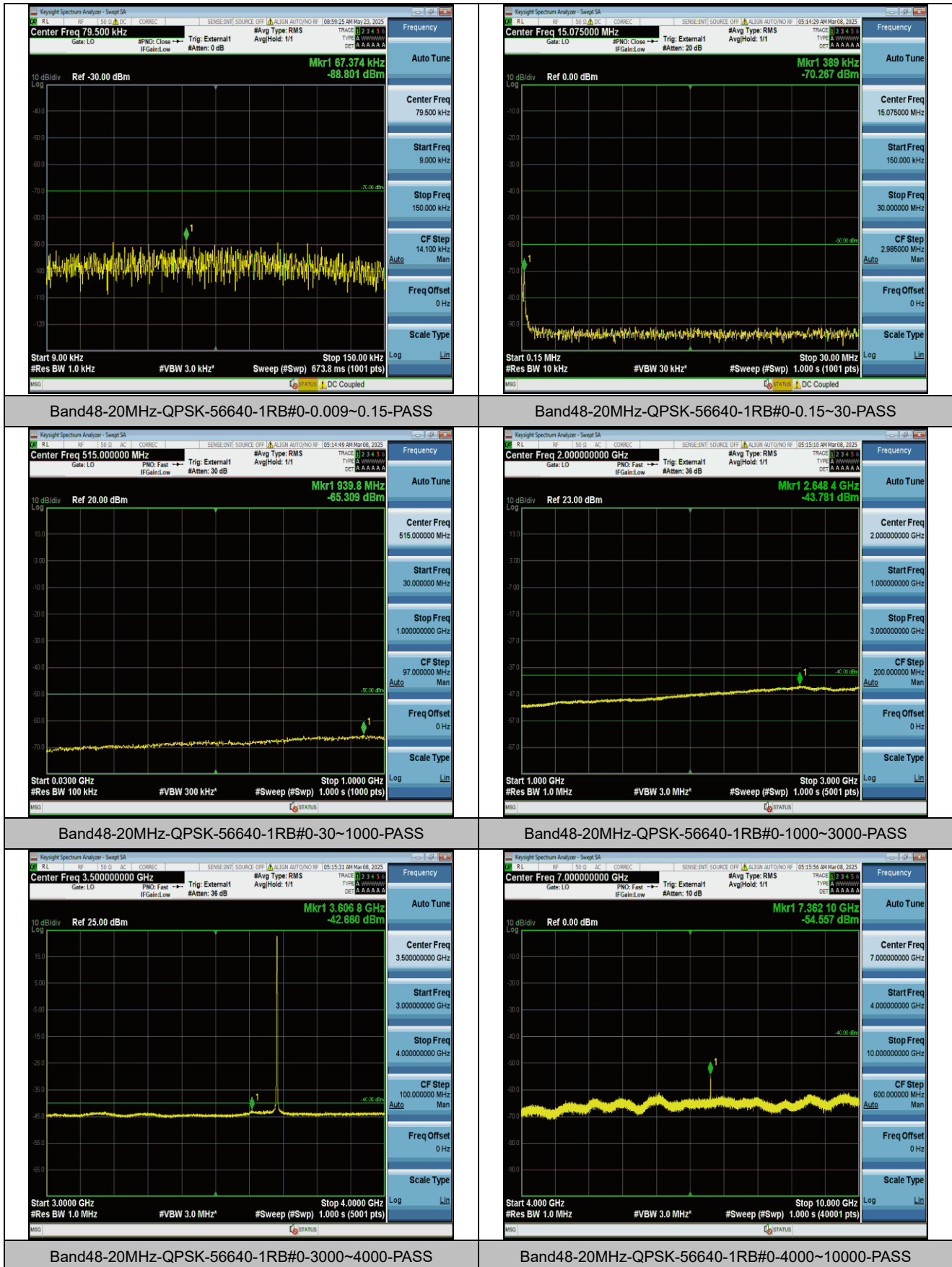
Band48-20MHz-QPSK-55990-1RB#0-10000~20000-PASS

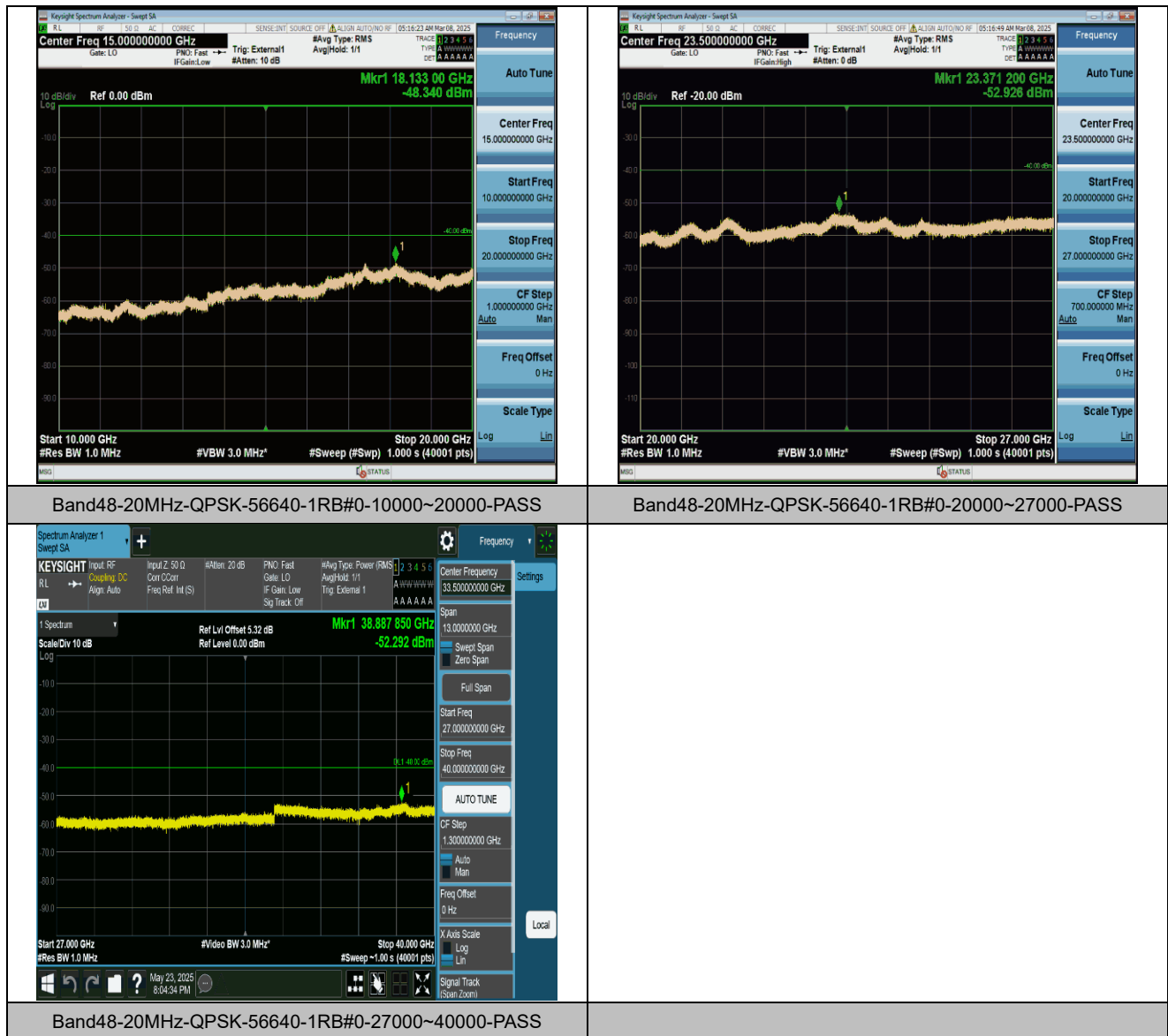


Band48-20MHz-QPSK-55990-1RB#0-20000~27000-PASS



Band48-20MHz-QPSK-55990-1RB#0-27000~40000-PASS





Band48-20MHz-QPSK-56640-1RB#0-10000~20000-PASS

Band48-20MHz-QPSK-56640-1RB#0-20000~27000-PASS

Band48-20MHz-QPSK-56640-1RB#0-27000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	VN	NT	-1.60	-0.000441	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	-2.90	-0.000800	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	-0.10	-0.000028	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	-1.20	-0.000331	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	-2.70	-0.000745	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	-1.50	-0.000414	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	-0.50	-0.000138	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	-2.40	-0.000662	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	-3.10	-0.000855	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	-1.40	-0.000386	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	0.10	0.000028	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	-0.90	-0.000248	PASS

~The End~