

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	21.76	22.76	PASS
Band48	5MHz	QPSK	55265	1RB#12	21.76	22.76	PASS
Band48	5MHz	QPSK	55265	1RB#24	21.8	22.8	PASS
Band48	5MHz	QPSK	55265	25RB#0	21.29	22.29	PASS
Band48	5MHz	QPSK	55990	1RB#0	21.74	22.74	PASS
Band48	5MHz	QPSK	55990	1RB#12	22.08	23.08	PASS
Band48	5MHz	QPSK	55990	1RB#24	22.06	23.06	PASS
Band48	5MHz	QPSK	55990	25RB#0	21.64	22.64	PASS
Band48	5MHz	QPSK	56715	1RB#0	21.69	22.69	PASS
Band48	5MHz	QPSK	56715	1RB#12	22.09	23.09	PASS
Band48	5MHz	QPSK	56715	1RB#24	22.11	23.11	PASS
Band48	5MHz	QPSK	56715	25RB#0	21.63	22.63	PASS
Band48	5MHz	16QAM	55265	1RB#0	20.9	21.9	PASS
Band48	5MHz	16QAM	55265	1RB#12	20.93	21.93	PASS
Band48	5MHz	16QAM	55265	1RB#24	20.93	21.93	PASS
Band48	5MHz	16QAM	55265	25RB#0	20.33	21.33	PASS
Band48	5MHz	16QAM	55990	1RB#0	21.23	22.23	PASS
Band48	5MHz	16QAM	55990	1RB#12	21.2	22.2	PASS
Band48	5MHz	16QAM	55990	1RB#24	21.27	22.27	PASS
Band48	5MHz	16QAM	55990	25RB#0	20.68	21.68	PASS
Band48	5MHz	16QAM	56715	1RB#0	21.17	22.17	PASS
Band48	5MHz	16QAM	56715	1RB#12	21.17	22.17	PASS
Band48	5MHz	16QAM	56715	1RB#24	21.2	22.2	PASS
Band48	5MHz	16QAM	56715	25RB#0	20.59	21.59	PASS
Band48	5MHz	64QAM	55265	1RB#0	19.72	20.72	PASS
Band48	5MHz	64QAM	55265	1RB#12	19.8	20.8	PASS
Band48	5MHz	64QAM	55265	1RB#24	19.83	20.83	PASS
Band48	5MHz	64QAM	55265	25RB#0	19.4	20.4	PASS
Band48	5MHz	64QAM	55990	1RB#0	20.12	21.12	PASS
Band48	5MHz	64QAM	55990	1RB#12	20.1	21.1	PASS
Band48	5MHz	64QAM	55990	1RB#24	20.14	21.14	PASS
Band48	5MHz	64QAM	55990	25RB#0	19.72	20.72	PASS
Band48	5MHz	64QAM	56715	1RB#0	20.04	21.04	PASS
Band48	5MHz	64QAM	56715	1RB#12	20.06	21.06	PASS
Band48	5MHz	64QAM	56715	1RB#24	20.08	21.08	PASS
Band48	5MHz	64QAM	56715	25RB#0	19.66	20.66	PASS

Band48	10MHz	QPSK	55290	1RB#0	21.97	22.97	PASS
Band48	10MHz	QPSK	55290	1RB#24	21.89	22.89	PASS
Band48	10MHz	QPSK	55290	1RB#49	22.02	23.02	PASS
Band48	10MHz	QPSK	55290	50RB#0	21.45	22.45	PASS
Band48	10MHz	QPSK	55990	1RB#0	22.04	23.04	PASS
Band48	10MHz	QPSK	55990	1RB#24	22.12	23.12	PASS
Band48	10MHz	QPSK	55990	1RB#49	22.16	23.16	PASS
Band48	10MHz	QPSK	55990	50RB#0	21.64	22.64	PASS
Band48	10MHz	QPSK	56690	1RB#0	21.84	22.84	PASS
Band48	10MHz	QPSK	56690	1RB#24	22.07	23.07	PASS
Band48	10MHz	QPSK	56690	1RB#49	22.16	23.16	PASS
Band48	10MHz	QPSK	56690	50RB#0	21.64	22.64	PASS
Band48	10MHz	16QAM	55290	1RB#0	21.03	22.03	PASS
Band48	10MHz	16QAM	55290	1RB#24	21.04	22.04	PASS
Band48	10MHz	16QAM	55290	1RB#49	21.19	22.19	PASS
Band48	10MHz	16QAM	55290	50RB#0	20.54	21.54	PASS
Band48	10MHz	16QAM	55990	1RB#0	21.27	22.27	PASS
Band48	10MHz	16QAM	55990	1RB#24	21.23	22.23	PASS
Band48	10MHz	16QAM	55990	1RB#49	21.29	22.29	PASS
Band48	10MHz	16QAM	55990	50RB#0	20.73	21.73	PASS
Band48	10MHz	16QAM	56690	1RB#0	21.21	22.21	PASS
Band48	10MHz	16QAM	56690	1RB#24	21.19	22.19	PASS
Band48	10MHz	16QAM	56690	1RB#49	21.23	22.23	PASS
Band48	10MHz	16QAM	56690	50RB#0	20.67	21.67	PASS
Band48	10MHz	64QAM	55290	1RB#0	19.91	20.91	PASS
Band48	10MHz	64QAM	55290	1RB#24	19.93	20.93	PASS
Band48	10MHz	64QAM	55290	1RB#49	20.02	21.02	PASS
Band48	10MHz	64QAM	55290	50RB#0	19.5	20.5	PASS
Band48	10MHz	64QAM	55990	1RB#0	20.1	21.1	PASS
Band48	10MHz	64QAM	55990	1RB#24	20.09	21.09	PASS
Band48	10MHz	64QAM	55990	1RB#49	20.16	21.16	PASS
Band48	10MHz	64QAM	55990	50RB#0	19.65	20.65	PASS
Band48	10MHz	64QAM	56690	1RB#0	20.06	21.06	PASS
Band48	10MHz	64QAM	56690	1RB#24	20.09	21.09	PASS
Band48	10MHz	64QAM	56690	1RB#49	20.12	21.12	PASS
Band48	10MHz	64QAM	56690	50RB#0	19.62	20.62	PASS
Band48	15MHz	QPSK	55315	1RB#0	21.91	22.91	PASS
Band48	15MHz	QPSK	55315	1RB#38	21.97	22.97	PASS
Band48	15MHz	QPSK	55315	1RB#74	22.07	23.07	PASS
Band48	15MHz	QPSK	55315	75RB#0	21.47	22.47	PASS
Band48	15MHz	QPSK	55990	1RB#0	21.95	22.95	PASS
Band48	15MHz	QPSK	55990	1RB#38	22.11	23.11	PASS
Band48	15MHz	QPSK	55990	1RB#74	22.19	23.19	PASS
Band48	15MHz	QPSK	55990	75RB#0	21.66	22.66	PASS

Band48	15MHz	QPSK	56665	1RB#0	21.94	22.94	PASS
Band48	15MHz	QPSK	56665	1RB#38	22.12	23.12	PASS
Band48	15MHz	QPSK	56665	1RB#74	22.22	23.22	PASS
Band48	15MHz	QPSK	56665	75RB#0	21.68	22.68	PASS
Band48	15MHz	16QAM	55315	1RB#0	21.07	22.07	PASS
Band48	15MHz	16QAM	55315	1RB#38	21.07	22.07	PASS
Band48	15MHz	16QAM	55315	1RB#74	21.18	22.18	PASS
Band48	15MHz	16QAM	55315	75RB#0	20.5	21.5	PASS
Band48	15MHz	16QAM	55990	1RB#0	21.22	22.22	PASS
Band48	15MHz	16QAM	55990	1RB#38	21.24	22.24	PASS
Band48	15MHz	16QAM	55990	1RB#74	21.33	22.33	PASS
Band48	15MHz	16QAM	55990	75RB#0	20.66	21.66	PASS
Band48	15MHz	16QAM	56665	1RB#0	21.17	22.17	PASS
Band48	15MHz	16QAM	56665	1RB#38	21.22	22.22	PASS
Band48	15MHz	16QAM	56665	1RB#74	21.28	22.28	PASS
Band48	15MHz	16QAM	56665	75RB#0	20.65	21.65	PASS
Band48	15MHz	64QAM	55315	1RB#0	19.9	20.9	PASS
Band48	15MHz	64QAM	55315	1RB#38	19.99	20.99	PASS
Band48	15MHz	64QAM	55315	1RB#74	20.07	21.07	PASS
Band48	15MHz	64QAM	55315	75RB#0	19.48	20.48	PASS
Band48	15MHz	64QAM	55990	1RB#0	20.14	21.14	PASS
Band48	15MHz	64QAM	55990	1RB#38	20.14	21.14	PASS
Band48	15MHz	64QAM	55990	1RB#74	20.23	21.23	PASS
Band48	15MHz	64QAM	55990	75RB#0	19.7	20.7	PASS
Band48	15MHz	64QAM	56665	1RB#0	20.09	21.09	PASS
Band48	15MHz	64QAM	56665	1RB#38	20.14	21.14	PASS
Band48	15MHz	64QAM	56665	1RB#74	20.2	21.2	PASS
Band48	15MHz	64QAM	56665	75RB#0	19.74	20.74	PASS
Band48	20MHz	QPSK	55340	1RB#0	21.87	22.87	PASS
Band48	20MHz	QPSK	55340	1RB#49	21.93	22.93	PASS
Band48	20MHz	QPSK	55340	1RB#99	22.04	23.04	PASS
Band48	20MHz	QPSK	55340	100RB#0	21.51	22.51	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.69	22.69	PASS
Band48	20MHz	QPSK	55990	1RB#49	22.09	23.09	PASS
Band48	20MHz	QPSK	55990	1RB#99	22.16	23.16	PASS
Band48	20MHz	QPSK	55990	100RB#0	21.67	22.67	PASS
Band48	20MHz	QPSK	56640	1RB#0	21.75	22.75	PASS
Band48	20MHz	QPSK	56640	1RB#49	22.11	23.11	PASS
Band48	20MHz	QPSK	56640	1RB#99	22.2	23.2	PASS
Band48	20MHz	QPSK	56640	100RB#0	21.65	22.65	PASS
Band48	20MHz	16QAM	55340	1RB#0	21.03	22.03	PASS
Band48	20MHz	16QAM	55340	1RB#49	21.11	22.11	PASS
Band48	20MHz	16QAM	55340	1RB#99	21.24	22.24	PASS
Band48	20MHz	16QAM	55340	100RB#0	20.57	21.57	PASS

Band48	20MHz	16QAM	55990	1RB#0	21.23	22.23	PASS
Band48	20MHz	16QAM	55990	1RB#49	21.27	22.27	PASS
Band48	20MHz	16QAM	55990	1RB#99	21.34	22.34	PASS
Band48	20MHz	16QAM	55990	100RB#0	20.75	21.75	PASS
Band48	20MHz	16QAM	56640	1RB#0	21.18	22.18	PASS
Band48	20MHz	16QAM	56640	1RB#49	21.24	22.24	PASS
Band48	20MHz	16QAM	56640	1RB#99	21.28	22.28	PASS
Band48	20MHz	16QAM	56640	100RB#0	20.71	21.71	PASS
Band48	20MHz	64QAM	55340	1RB#0	19.94	20.94	PASS
Band48	20MHz	64QAM	55340	1RB#49	20	21	PASS
Band48	20MHz	64QAM	55340	1RB#99	20.08	21.08	PASS
Band48	20MHz	64QAM	55340	100RB#0	19.55	20.55	PASS
Band48	20MHz	64QAM	55990	1RB#0	20.07	21.07	PASS
Band48	20MHz	64QAM	55990	1RB#49	20.13	21.13	PASS
Band48	20MHz	64QAM	55990	1RB#99	20.21	21.21	PASS
Band48	20MHz	64QAM	55990	100RB#0	19.67	20.67	PASS
Band48	20MHz	64QAM	56640	1RB#0	20.05	21.05	PASS
Band48	20MHz	64QAM	56640	1RB#49	20.1	21.1	PASS
Band48	20MHz	64QAM	56640	1RB#99	20.16	21.16	PASS
Band48	20MHz	64QAM	56640	100RB#0	19.67	20.67	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	21.39	22.39	23.00	PASS
Band48	5MHz	QPSK	55265	1RB#12	21.41	22.41	23.00	PASS
Band48	5MHz	QPSK	55265	1RB#24	21.4	22.4	23.00	PASS
Band48	5MHz	QPSK	55265	25RB#0	20.6	21.6	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#0	21.42	22.42	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#12	21.35	22.35	23.00	PASS
Band48	5MHz	QPSK	55990	1RB#24	21.47	22.47	23.00	PASS
Band48	5MHz	QPSK	55990	25RB#0	20.93	21.93	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#0	21.18	22.18	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#12	21.13	22.13	23.00	PASS
Band48	5MHz	QPSK	56715	1RB#24	21.27	22.27	23.00	PASS
Band48	5MHz	QPSK	56715	25RB#0	20.45	21.45	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#0	21.42	22.42	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#24	21.38	22.38	23.00	PASS
Band48	10MHz	QPSK	55290	1RB#49	21.35	22.35	23.00	PASS
Band48	10MHz	QPSK	55290	50RB#0	19.87	20.87	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#0	21.37	22.37	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#24	21.38	22.38	23.00	PASS
Band48	10MHz	QPSK	55990	1RB#49	21.43	22.43	23.00	PASS
Band48	10MHz	QPSK	55990	50RB#0	20.07	21.07	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#0	21.14	22.14	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#24	21.24	22.24	23.00	PASS
Band48	10MHz	QPSK	56690	1RB#49	21.3	22.3	23.00	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.8	20.8	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#0	21.49	22.49	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#38	21.42	22.42	23.00	PASS
Band48	15MHz	QPSK	55315	1RB#74	21.39	22.39	23.00	PASS
Band48	15MHz	QPSK	55315	75RB#0	18.6	19.6	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#0	21.35	22.35	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#38	21.37	22.37	23.00	PASS
Band48	15MHz	QPSK	55990	1RB#74	21.43	22.43	23.00	PASS
Band48	15MHz	QPSK	55990	75RB#0	18.69	19.69	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#0	21.17	22.17	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#38	21.21	22.21	23.00	PASS
Band48	15MHz	QPSK	56665	1RB#74	21.38	22.38	23.00	PASS
Band48	15MHz	QPSK	56665	75RB#0	18.68	19.68	23.00	PASS
Band48	20MHz	QPSK	55340	1RB#0	21.36	22.36	23.00	PASS
Band48	20MHz	QPSK	55340	1RB#49	21.33	22.33	23.00	PASS

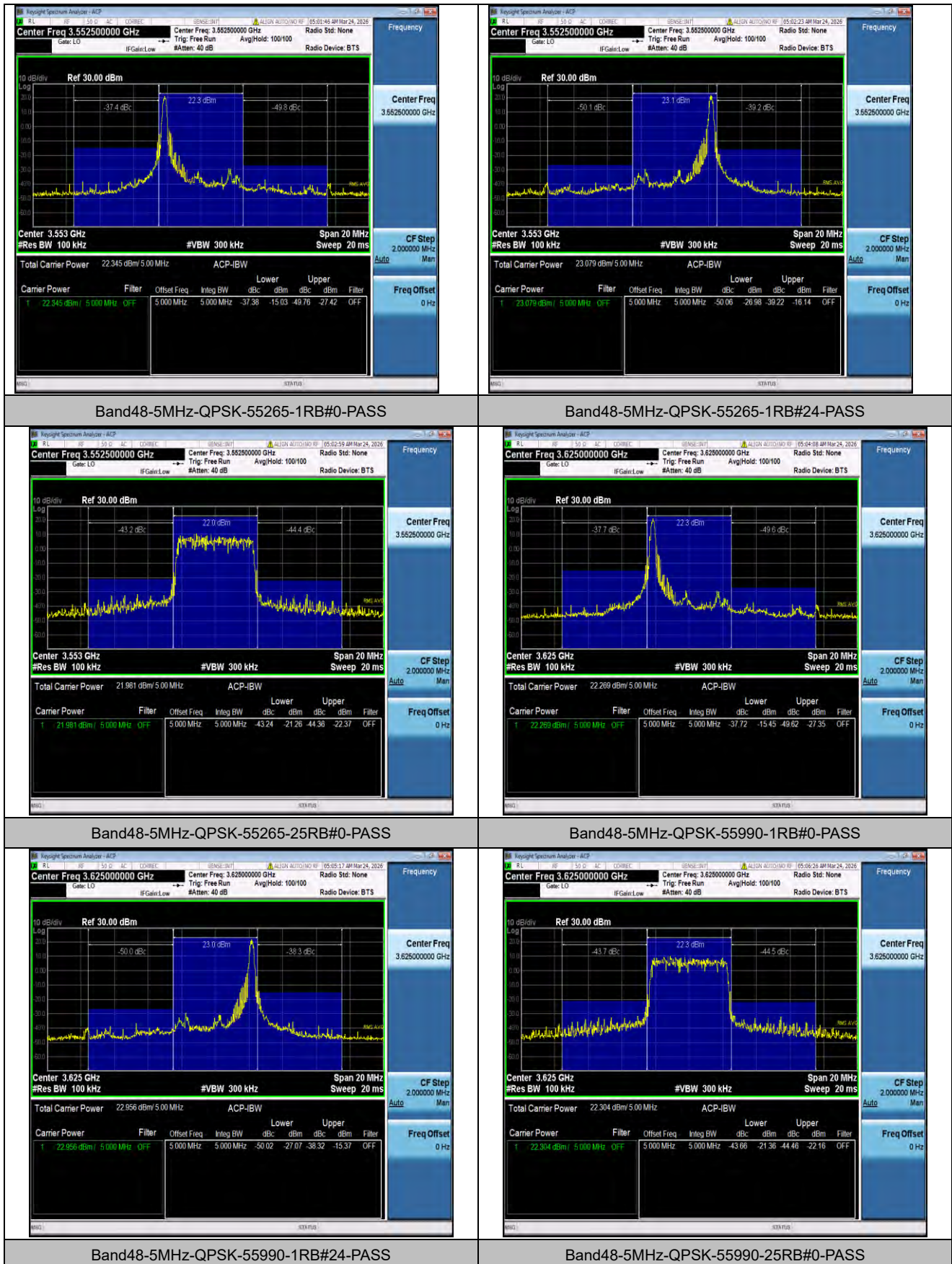
Band48	20MHz	QPSK	55340	1RB#99	21.3	22.3	23.00	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.23	18.23	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.28	22.28	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#49	21.32	22.32	23.00	PASS
Band48	20MHz	QPSK	55990	1RB#99	21.4	22.4	23.00	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.38	18.38	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#0	21	22	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#49	21.07	22.07	23.00	PASS
Band48	20MHz	QPSK	56640	1RB#99	21.24	22.24	23.00	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.11	18.11	23.00	PASS
Band48	5MHz	16QAM	55265	1RB#0	19.43	20.43	23.00	PASS
Band48	5MHz	16QAM	55265	1RB#12	19.45	20.45	23.00	PASS
Band48	5MHz	16QAM	55265	1RB#24	19.51	20.51	23.00	PASS
Band48	5MHz	16QAM	55265	25RB#0	18.28	19.28	23.00	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.12	19.12	23.00	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.14	19.14	23.00	PASS
Band48	5MHz	64QAM	55265	1RB#24	18.14	19.14	23.00	PASS
Band48	5MHz	64QAM	55265	25RB#0	17.35	18.35	23.00	PASS
Band48	5MHz	16QAM	55990	1RB#0	19.53	20.53	23.00	PASS
Band48	5MHz	16QAM	55990	1RB#12	19.45	20.45	23.00	PASS
Band48	5MHz	16QAM	55990	1RB#24	19.44	20.44	23.00	PASS
Band48	5MHz	16QAM	55990	25RB#0	18.32	19.32	23.00	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.13	19.13	23.00	PASS
Band48	5MHz	64QAM	55990	1RB#12	18.11	19.11	23.00	PASS
Band48	5MHz	64QAM	55990	1RB#24	18.08	19.08	23.00	PASS
Band48	5MHz	64QAM	55990	25RB#0	17.4	18.4	23.00	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.18	20.18	23.00	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.14	20.14	23.00	PASS
Band48	5MHz	16QAM	56715	1RB#24	19.17	20.17	23.00	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.08	19.08	23.00	PASS
Band48	5MHz	64QAM	56715	1RB#0	17.82	18.82	23.00	PASS
Band48	5MHz	64QAM	56715	1RB#12	17.71	18.71	23.00	PASS
Band48	5MHz	64QAM	56715	1RB#24	17.75	18.75	23.00	PASS
Band48	5MHz	64QAM	56715	25RB#0	17.04	18.04	23.00	PASS
Band48	10MHz	16QAM	55290	1RB#0	19.54	20.54	23.00	PASS
Band48	10MHz	16QAM	55290	1RB#24	19.42	20.42	23.00	PASS
Band48	10MHz	16QAM	55290	1RB#49	19.59	20.59	23.00	PASS
Band48	10MHz	16QAM	55290	50RB#0	17.54	18.54	23.00	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.06	19.06	23.00	PASS
Band48	10MHz	64QAM	55290	1RB#24	18.14	19.14	23.00	PASS
Band48	10MHz	64QAM	55290	1RB#49	18.2	19.2	23.00	PASS
Band48	10MHz	64QAM	55290	50RB#0	16.56	17.56	23.00	PASS
Band48	10MHz	16QAM	55990	1RB#0	19.45	20.45	23.00	PASS
Band48	10MHz	16QAM	55990	1RB#24	19.38	20.38	23.00	PASS

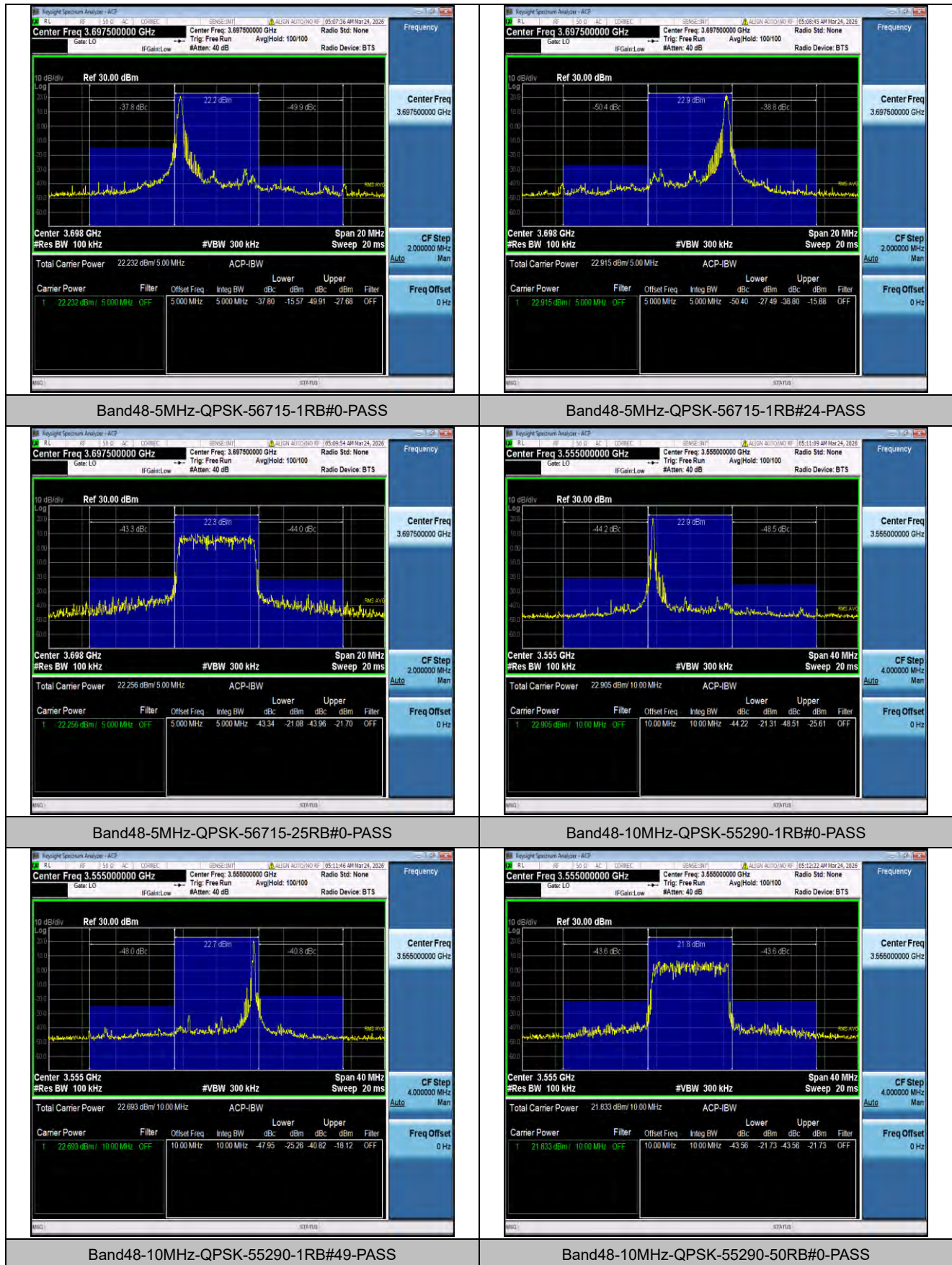
Band48	10MHz	16QAM	55990	1RB#49	19.52	20.52	23.00	PASS
Band48	10MHz	16QAM	55990	50RB#0	17.58	18.58	23.00	PASS
Band48	10MHz	64QAM	55990	1RB#0	18.21	19.21	23.00	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.06	19.06	23.00	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.08	19.08	23.00	PASS
Band48	10MHz	64QAM	55990	50RB#0	16.59	17.59	23.00	PASS
Band48	10MHz	16QAM	56690	1RB#0	19.2	20.2	23.00	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.1	20.1	23.00	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.22	20.22	23.00	PASS
Band48	10MHz	16QAM	56690	50RB#0	17.27	18.27	23.00	PASS
Band48	10MHz	64QAM	56690	1RB#0	17.83	18.83	23.00	PASS
Band48	10MHz	64QAM	56690	1RB#24	17.76	18.76	23.00	PASS
Band48	10MHz	64QAM	56690	1RB#49	17.75	18.75	23.00	PASS
Band48	10MHz	64QAM	56690	50RB#0	16.31	17.31	23.00	PASS
Band48	15MHz	16QAM	55315	1RB#0	19.46	20.46	23.00	PASS
Band48	15MHz	16QAM	55315	1RB#38	19.54	20.54	23.00	PASS
Band48	15MHz	16QAM	55315	1RB#74	19.67	20.67	23.00	PASS
Band48	15MHz	16QAM	55315	75RB#0	16.33	17.33	23.00	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.12	19.12	23.00	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.25	19.25	23.00	PASS
Band48	15MHz	64QAM	55315	1RB#74	18.3	19.3	23.00	PASS
Band48	15MHz	64QAM	55315	75RB#0	15.31	16.31	23.00	PASS
Band48	15MHz	16QAM	55990	1RB#0	19.52	20.52	23.00	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.41	20.41	23.00	PASS
Band48	15MHz	16QAM	55990	1RB#74	19.5	20.5	23.00	PASS
Band48	15MHz	16QAM	55990	75RB#0	16.32	17.32	23.00	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.17	19.17	23.00	PASS
Band48	15MHz	64QAM	55990	1RB#38	18.09	19.09	23.00	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.19	19.19	23.00	PASS
Band48	15MHz	64QAM	55990	75RB#0	15.29	16.29	23.00	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.19	20.19	23.00	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.09	20.09	23.00	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.16	20.16	23.00	PASS
Band48	15MHz	16QAM	56665	75RB#0	16.05	17.05	23.00	PASS
Band48	15MHz	64QAM	56665	1RB#0	17.93	18.93	23.00	PASS
Band48	15MHz	64QAM	56665	1RB#38	17.8	18.8	23.00	PASS
Band48	15MHz	64QAM	56665	1RB#74	17.8	18.8	23.00	PASS
Band48	15MHz	64QAM	56665	75RB#0	14.96	15.96	23.00	PASS
Band48	20MHz	16QAM	55340	1RB#0	19.49	20.49	23.00	PASS
Band48	20MHz	16QAM	55340	1RB#49	19.56	20.56	23.00	PASS
Band48	20MHz	16QAM	55340	1RB#99	19.66	20.66	23.00	PASS
Band48	20MHz	16QAM	55340	100RB#0	14.99	15.99	23.00	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.07	19.07	23.00	PASS
Band48	20MHz	64QAM	55340	1RB#49	18.22	19.22	23.00	PASS

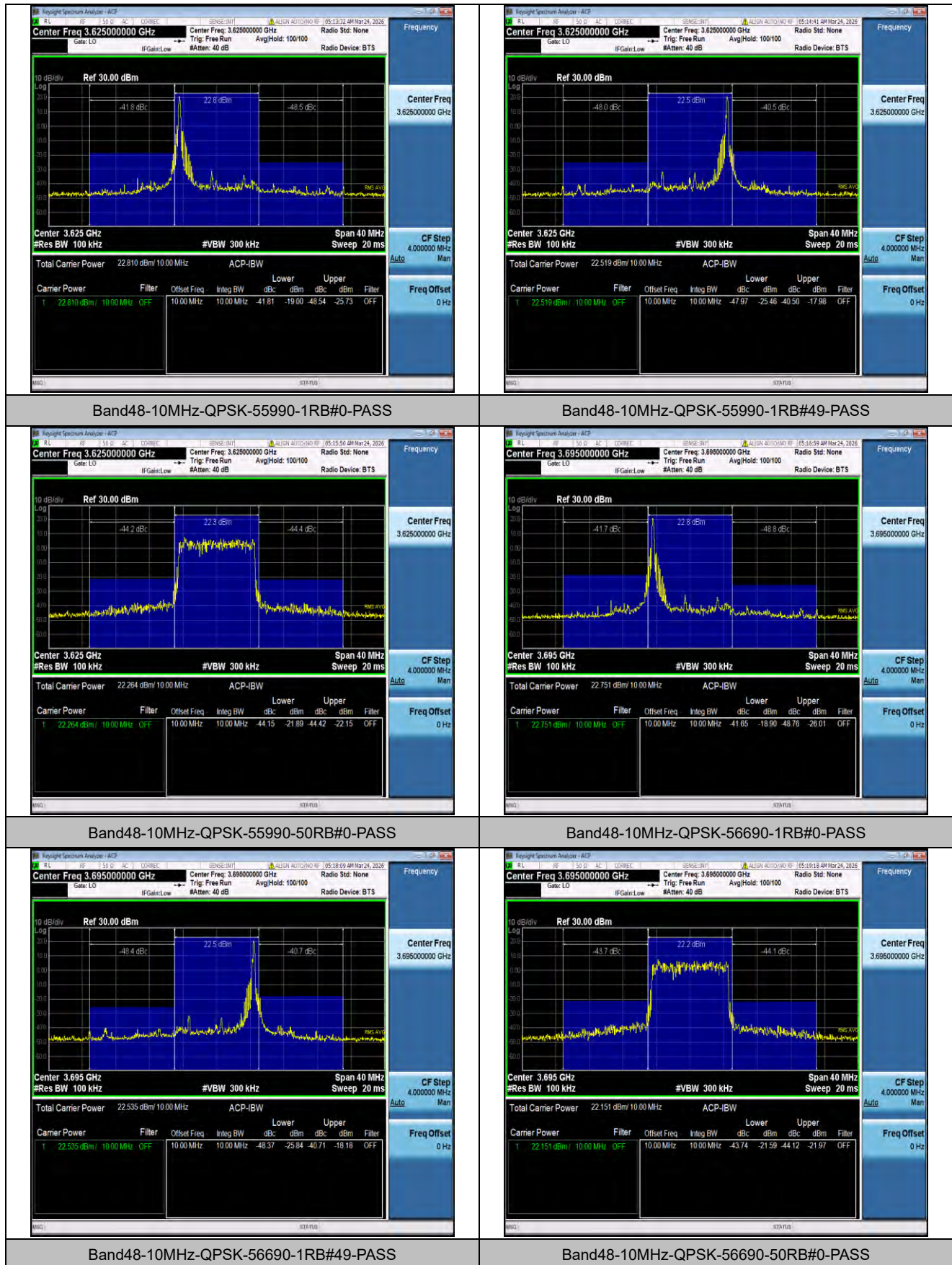
Band48	20MHz	64QAM	55340	1RB#99	18.28	19.28	23.00	PASS
Band48	20MHz	64QAM	55340	100RB#0	13.96	14.96	23.00	PASS
Band48	20MHz	16QAM	55990	1RB#0	19.49	20.49	23.00	PASS
Band48	20MHz	16QAM	55990	1RB#49	19.44	20.44	23.00	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.52	20.52	23.00	PASS
Band48	20MHz	16QAM	55990	100RB#0	14.96	15.96	23.00	PASS
Band48	20MHz	64QAM	55990	1RB#0	18.22	19.22	23.00	PASS
Band48	20MHz	64QAM	55990	1RB#49	18.08	19.08	23.00	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.13	19.13	23.00	PASS
Band48	20MHz	64QAM	55990	100RB#0	13.94	14.94	23.00	PASS
Band48	20MHz	16QAM	56640	1RB#0	19.25	20.25	23.00	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.12	20.12	23.00	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.15	20.15	23.00	PASS
Band48	20MHz	16QAM	56640	100RB#0	14.66	15.66	23.00	PASS
Band48	20MHz	64QAM	56640	1RB#0	17.97	18.97	23.00	PASS
Band48	20MHz	64QAM	56640	1RB#49	17.86	18.86	23.00	PASS
Band48	20MHz	64QAM	56640	1RB#99	17.73	18.73	23.00	PASS
Band48	20MHz	64QAM	56640	100RB#0	13.67	14.67	23.00	PASS

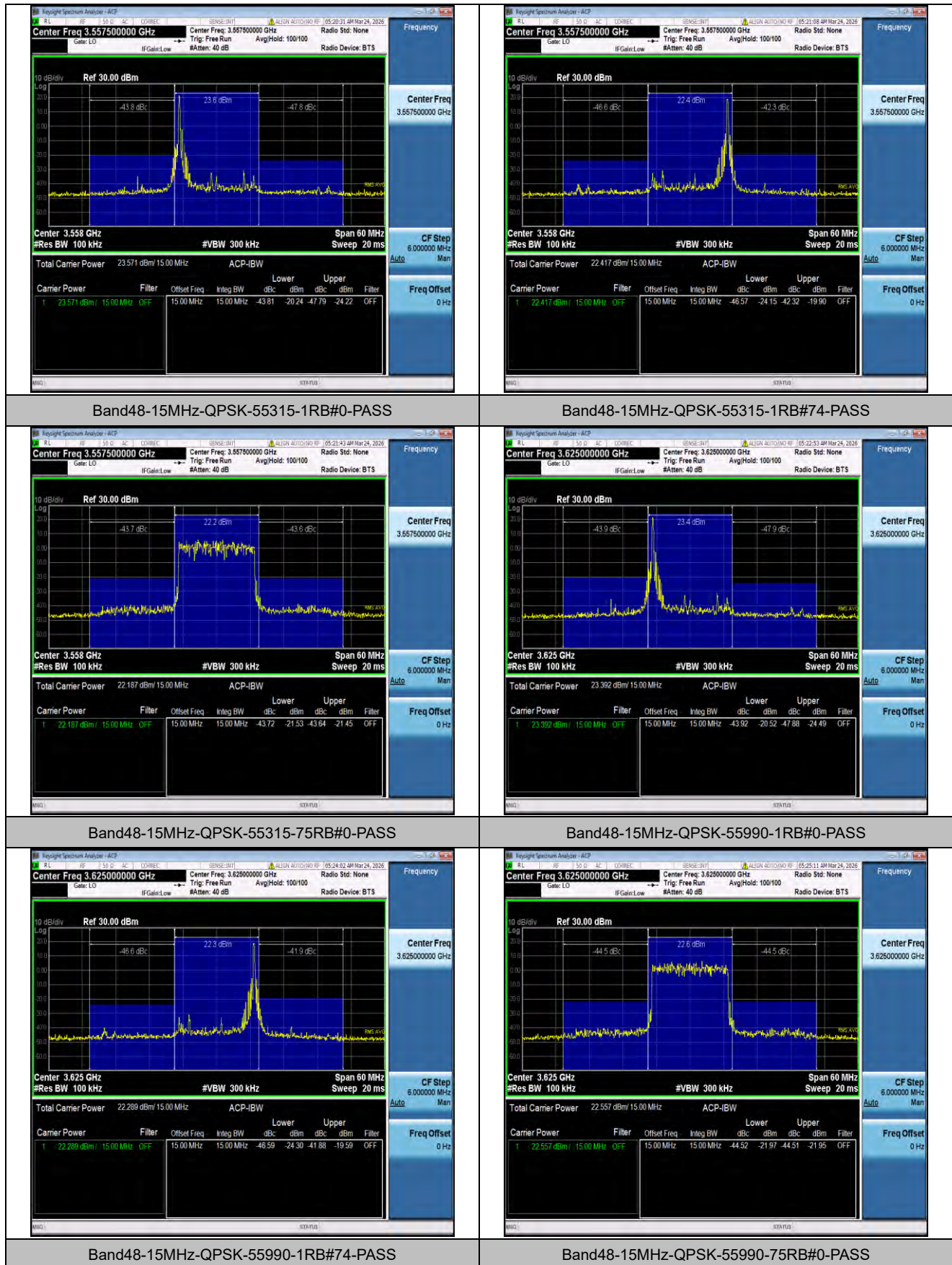
Adjacent Channel Leakage Ratio

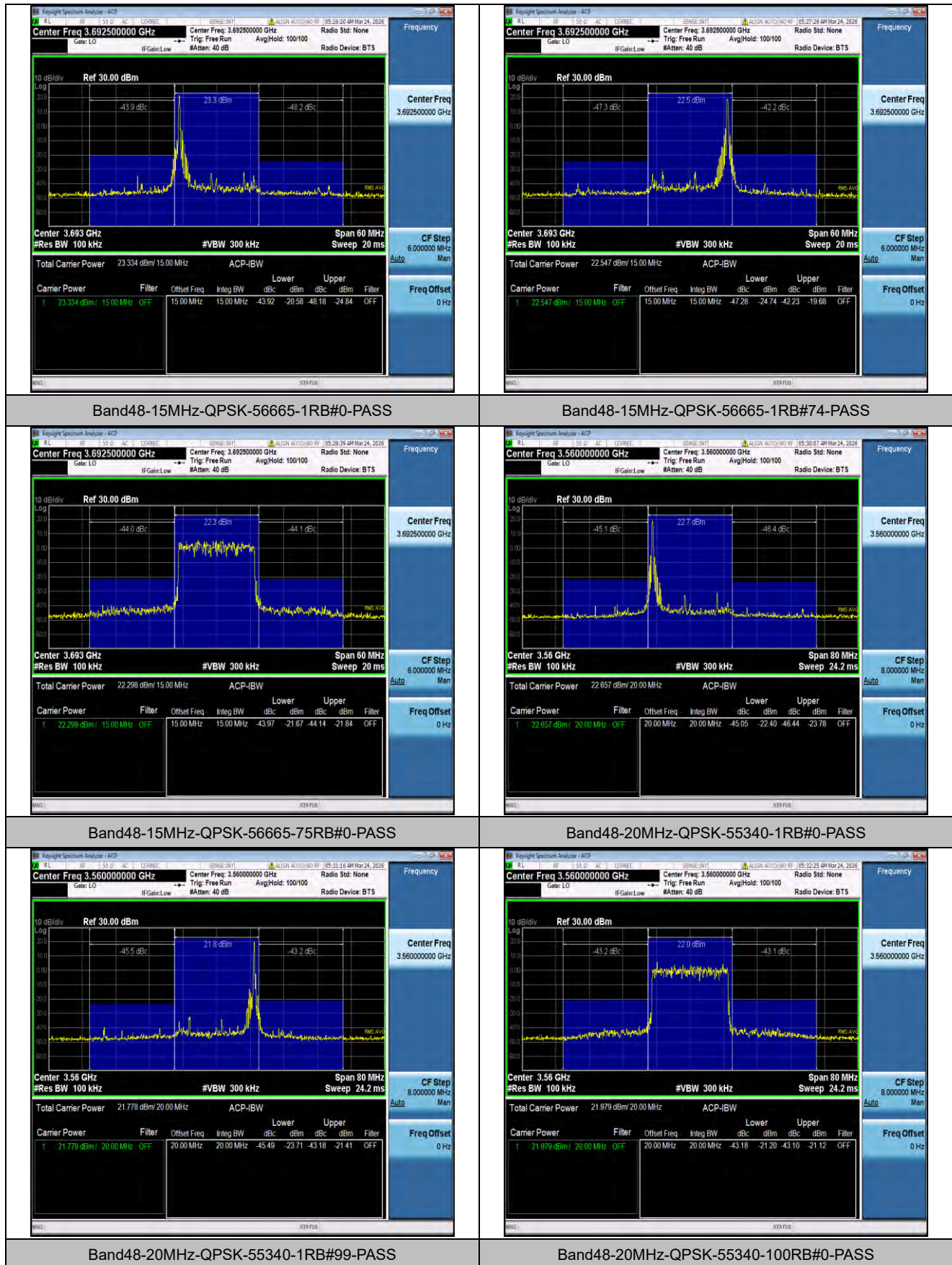
Test Graphs

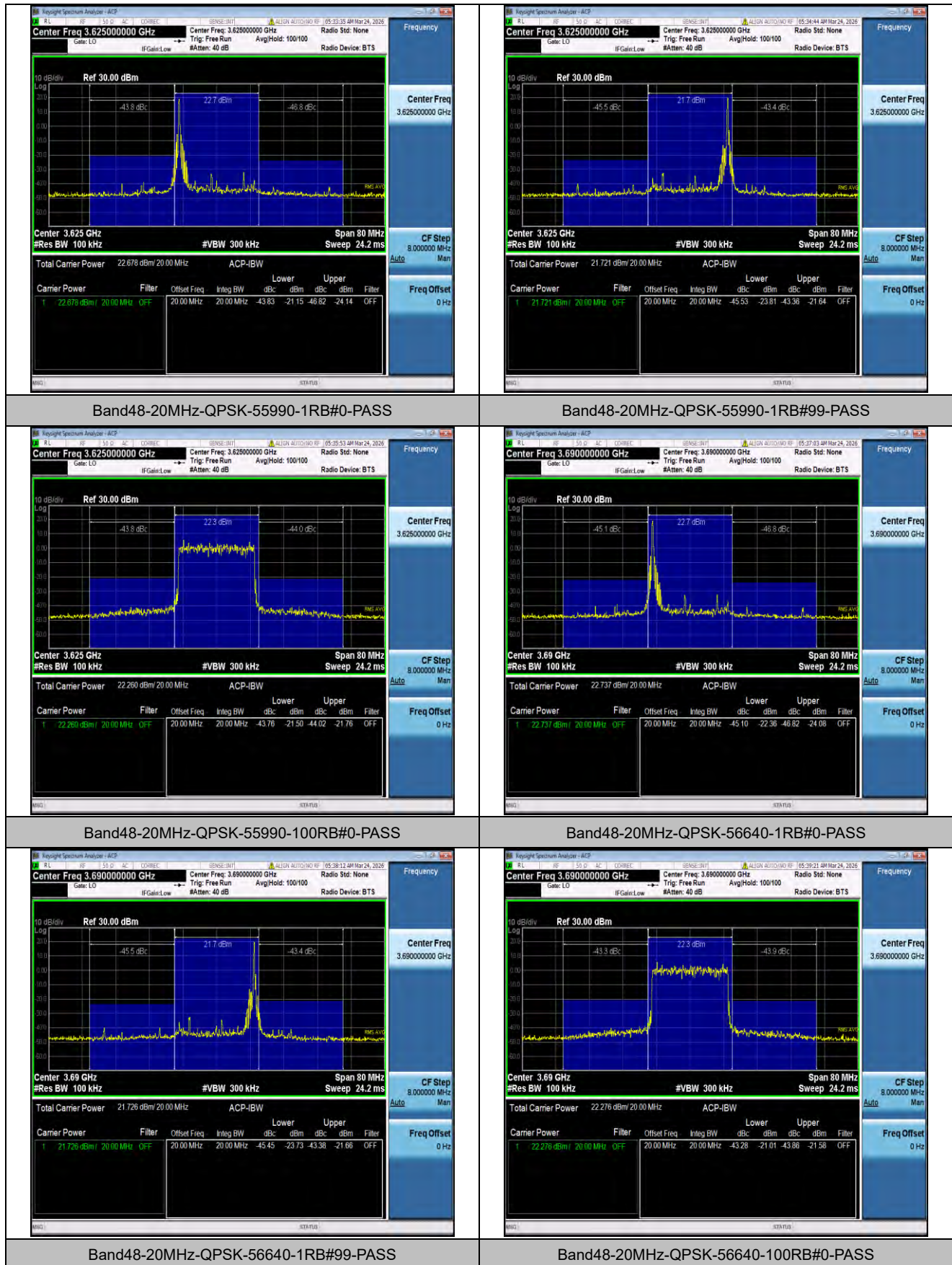










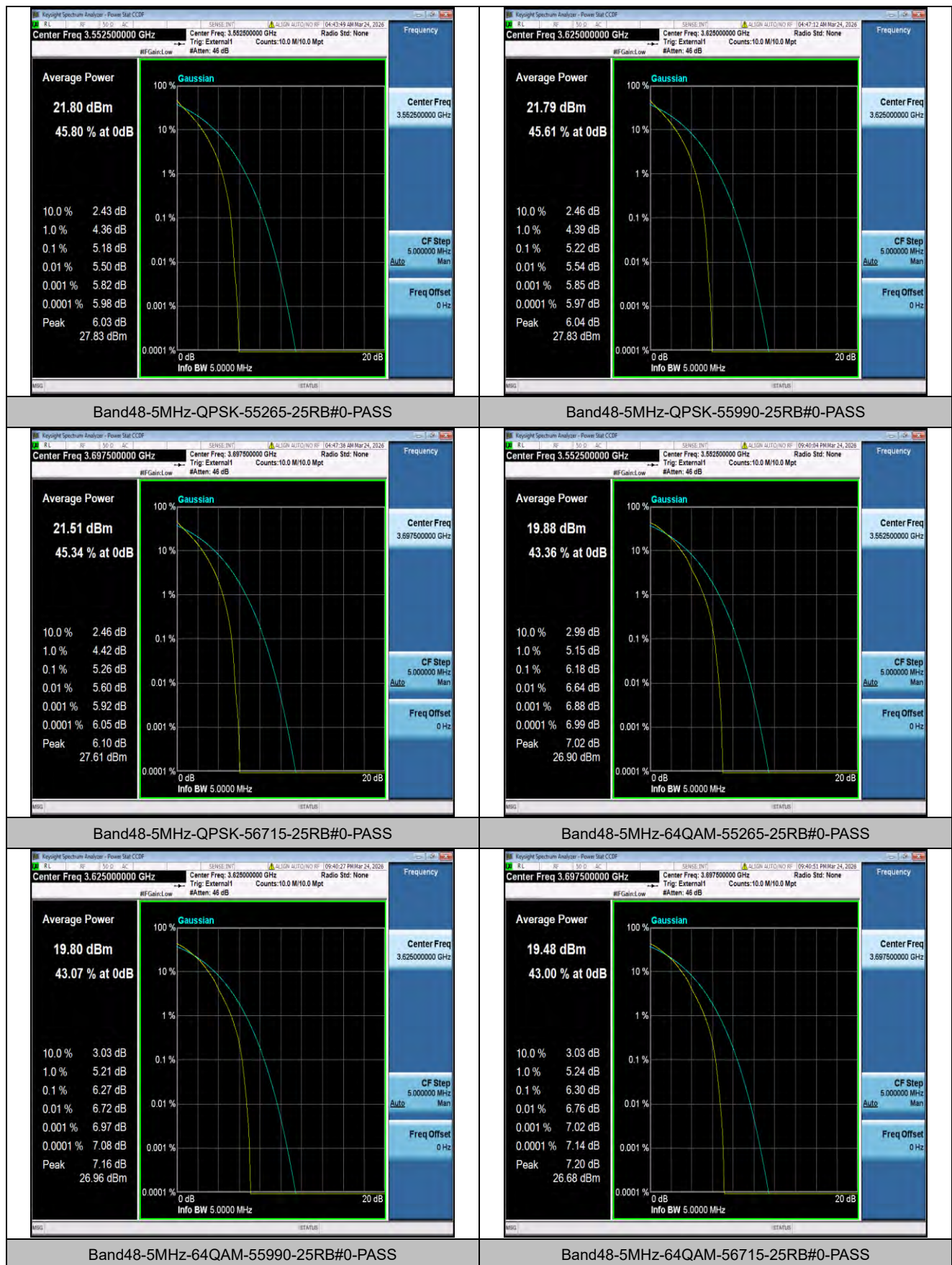


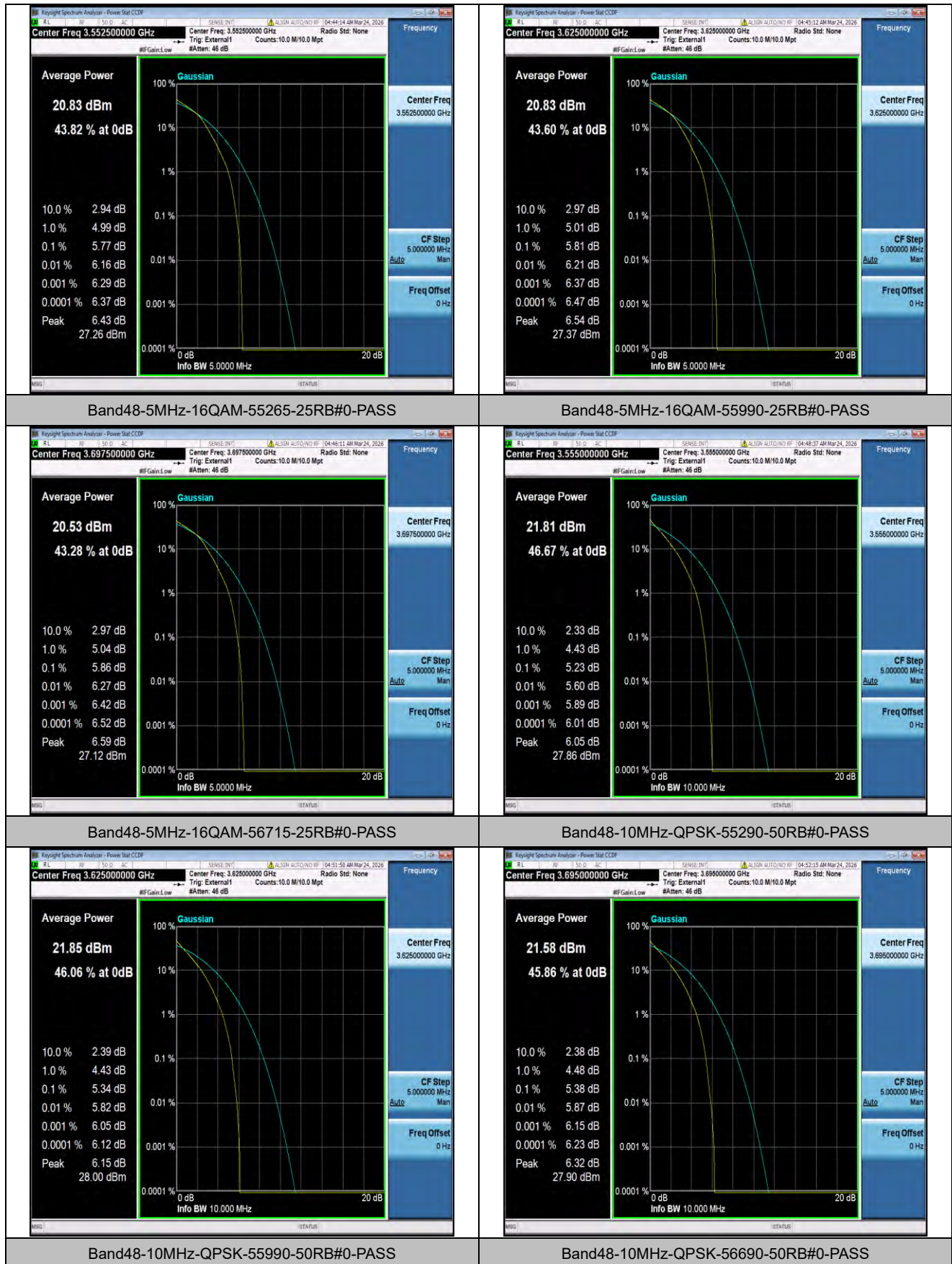
Peak-to-Average Ratio(CCDF)

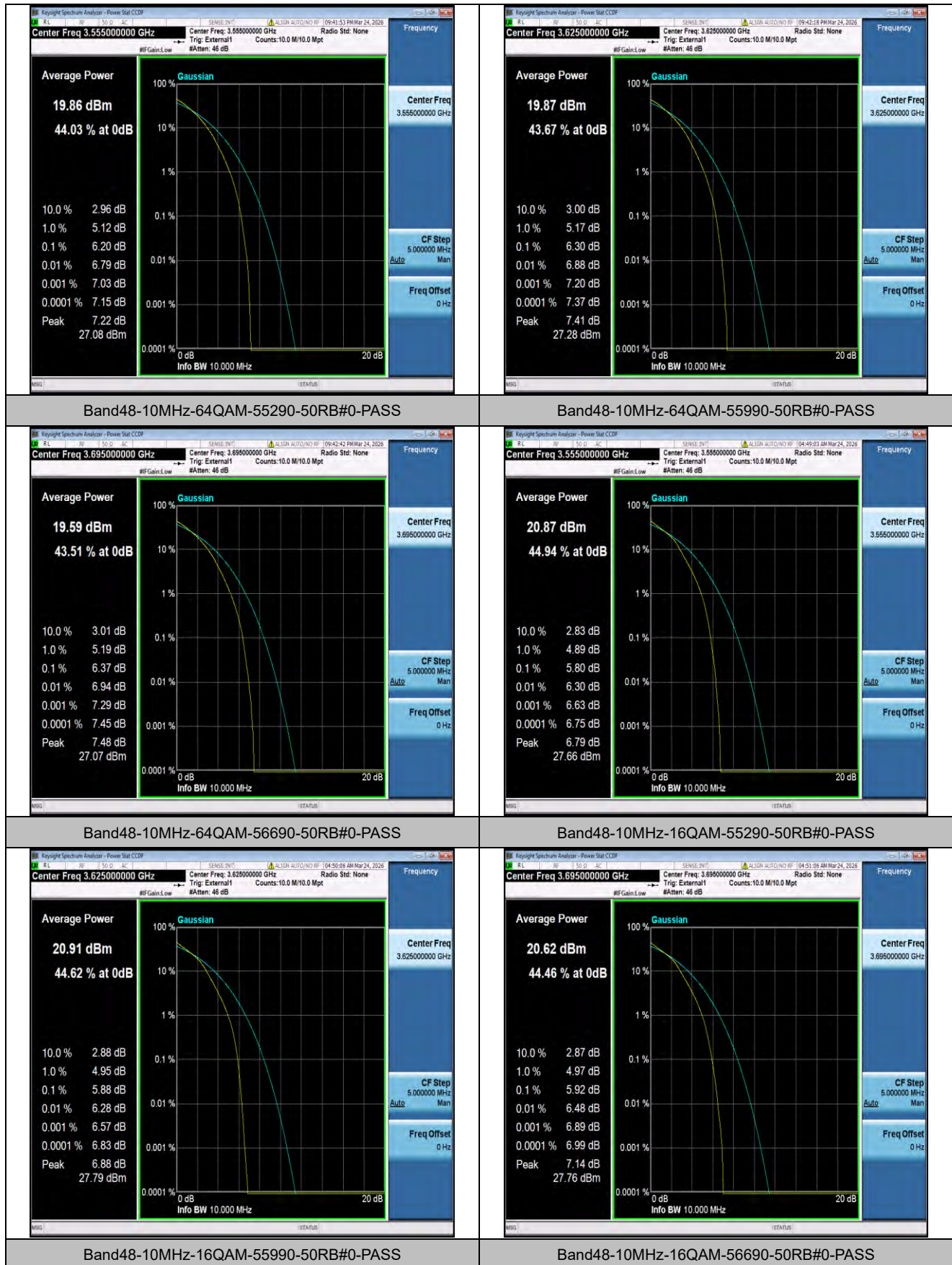
Test Result

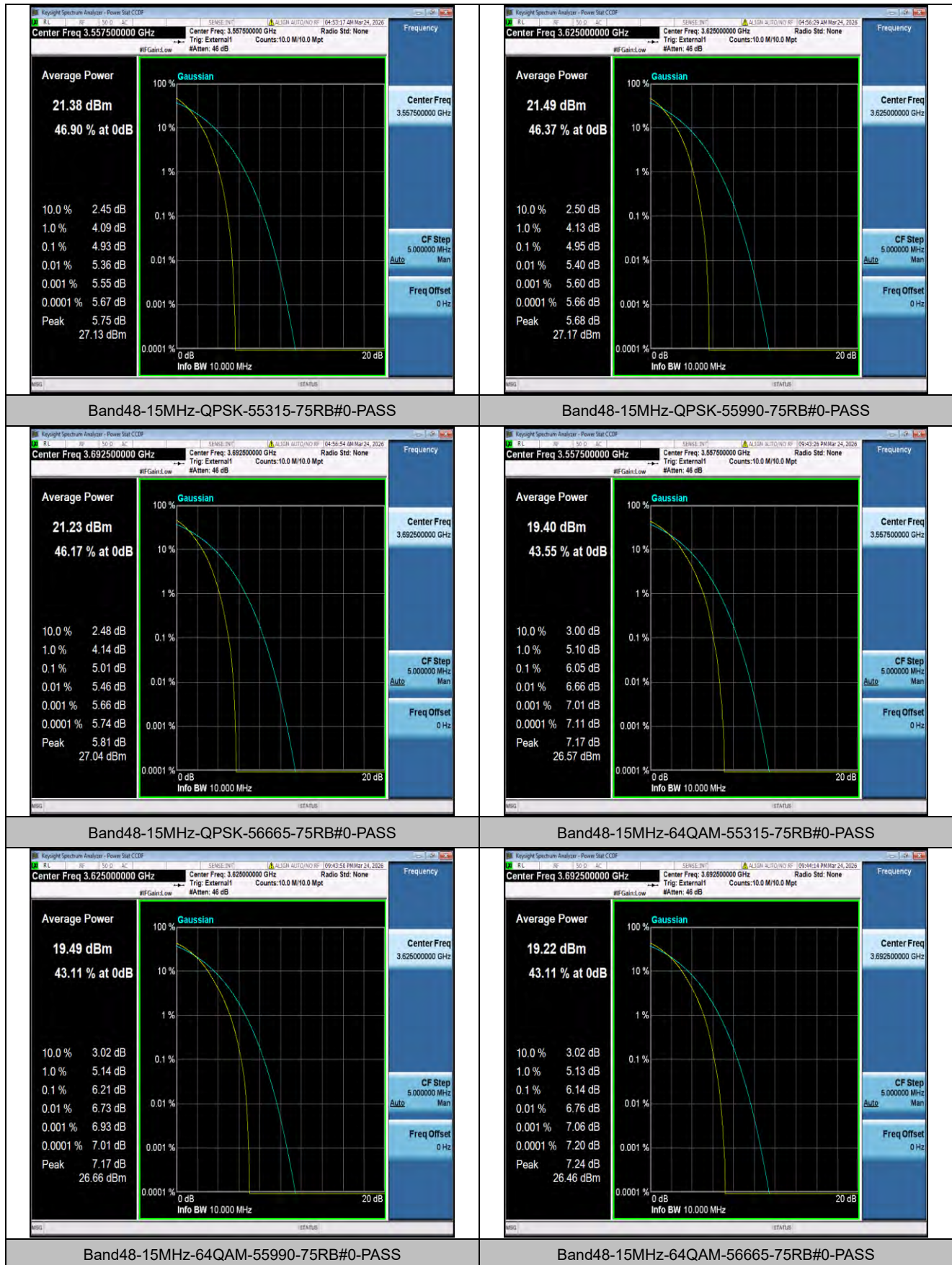
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	5.18	13	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.22	13	PASS
Band48	5MHz	QPSK	56715	25RB#0	5.26	13	PASS
Band48	5MHz	64QAM	55265	25RB#0	6.18	13	PASS
Band48	5MHz	64QAM	55990	25RB#0	6.27	13	PASS
Band48	5MHz	64QAM	56715	25RB#0	6.30	13	PASS
Band48	5MHz	16QAM	55265	25RB#0	5.77	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	5.81	13	PASS
Band48	5MHz	16QAM	56715	25RB#0	5.86	13	PASS
Band48	10MHz	QPSK	55290	50RB#0	5.23	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	5.34	13	PASS
Band48	10MHz	QPSK	56690	50RB#0	5.38	13	PASS
Band48	10MHz	64QAM	55290	50RB#0	6.20	13	PASS
Band48	10MHz	64QAM	55990	50RB#0	6.30	13	PASS
Band48	10MHz	64QAM	56690	50RB#0	6.37	13	PASS
Band48	10MHz	16QAM	55290	50RB#0	5.80	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	5.88	13	PASS
Band48	10MHz	16QAM	56690	50RB#0	5.92	13	PASS
Band48	15MHz	QPSK	55315	75RB#0	4.93	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	4.95	13	PASS
Band48	15MHz	QPSK	56665	75RB#0	5.01	13	PASS
Band48	15MHz	64QAM	55315	75RB#0	6.05	13	PASS
Band48	15MHz	64QAM	55990	75RB#0	6.21	13	PASS
Band48	15MHz	64QAM	56665	75RB#0	6.14	13	PASS
Band48	15MHz	16QAM	55315	75RB#0	5.78	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	5.82	13	PASS
Band48	15MHz	16QAM	56665	75RB#0	5.82	13	PASS
Band48	20MHz	QPSK	55340	100RB#0	5.21	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	5.33	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	5.35	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	6.36	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	6.45	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	6.48	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	5.79	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	5.92	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	5.95	13	PASS

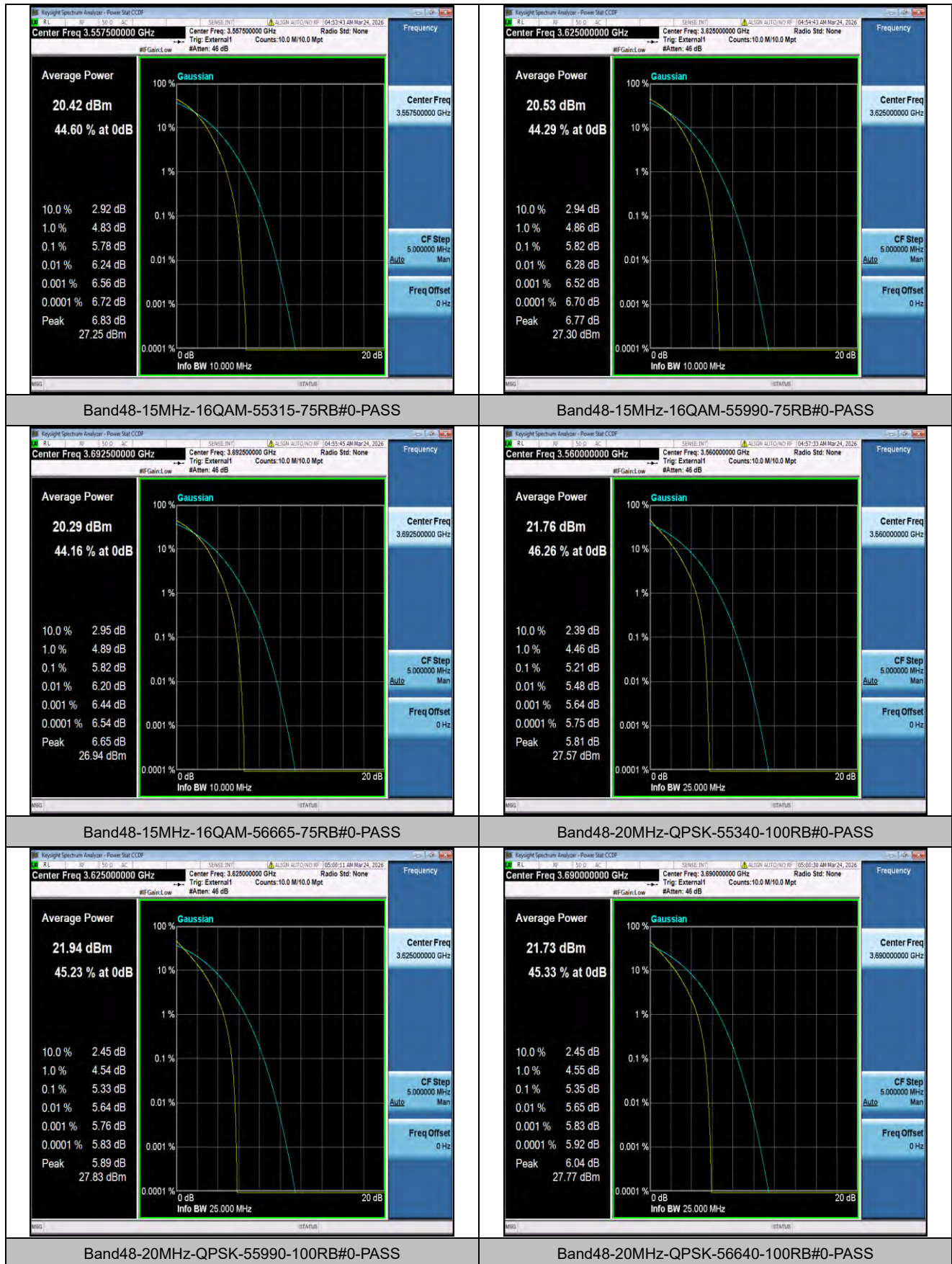
Test Graphs

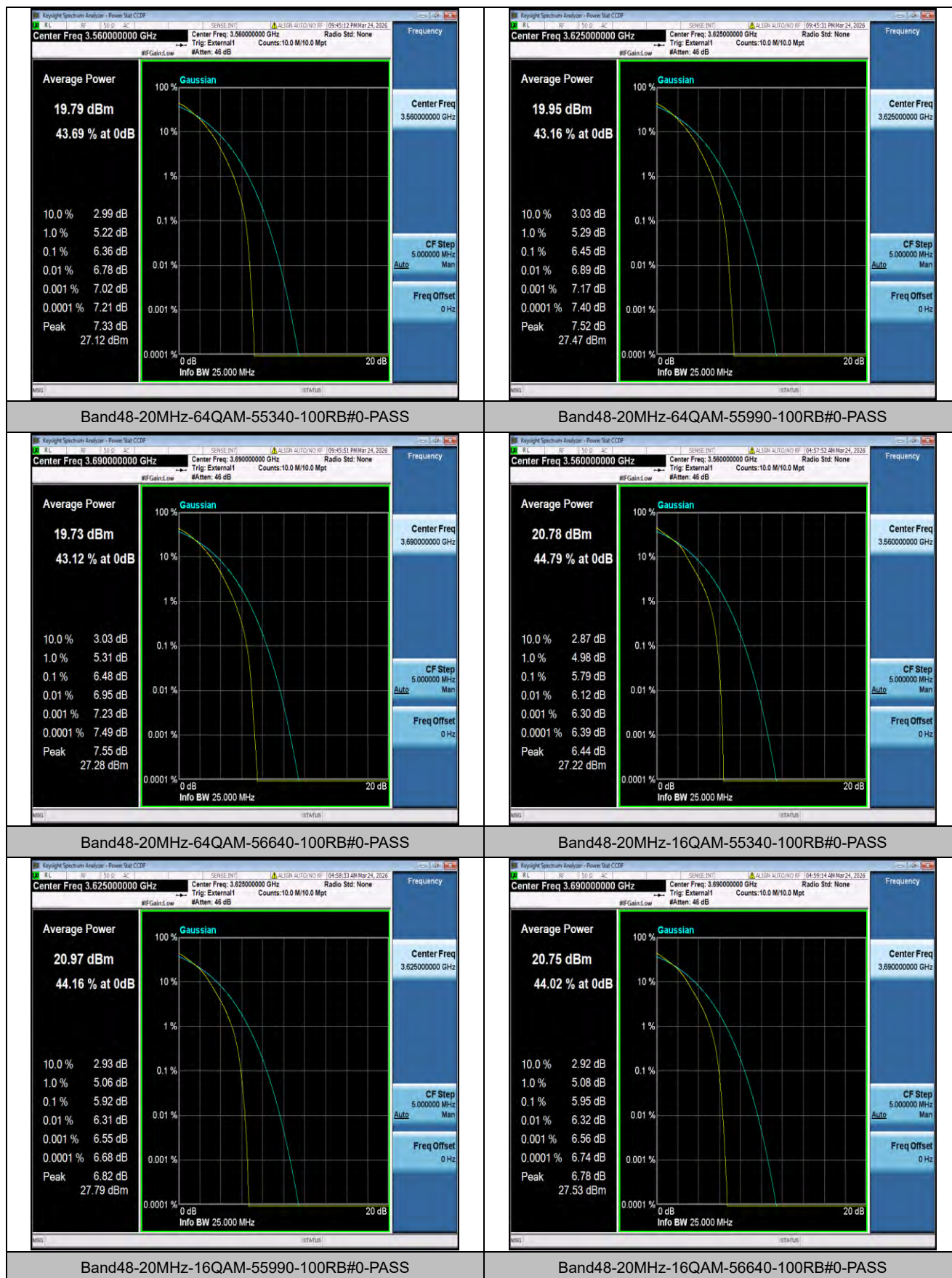










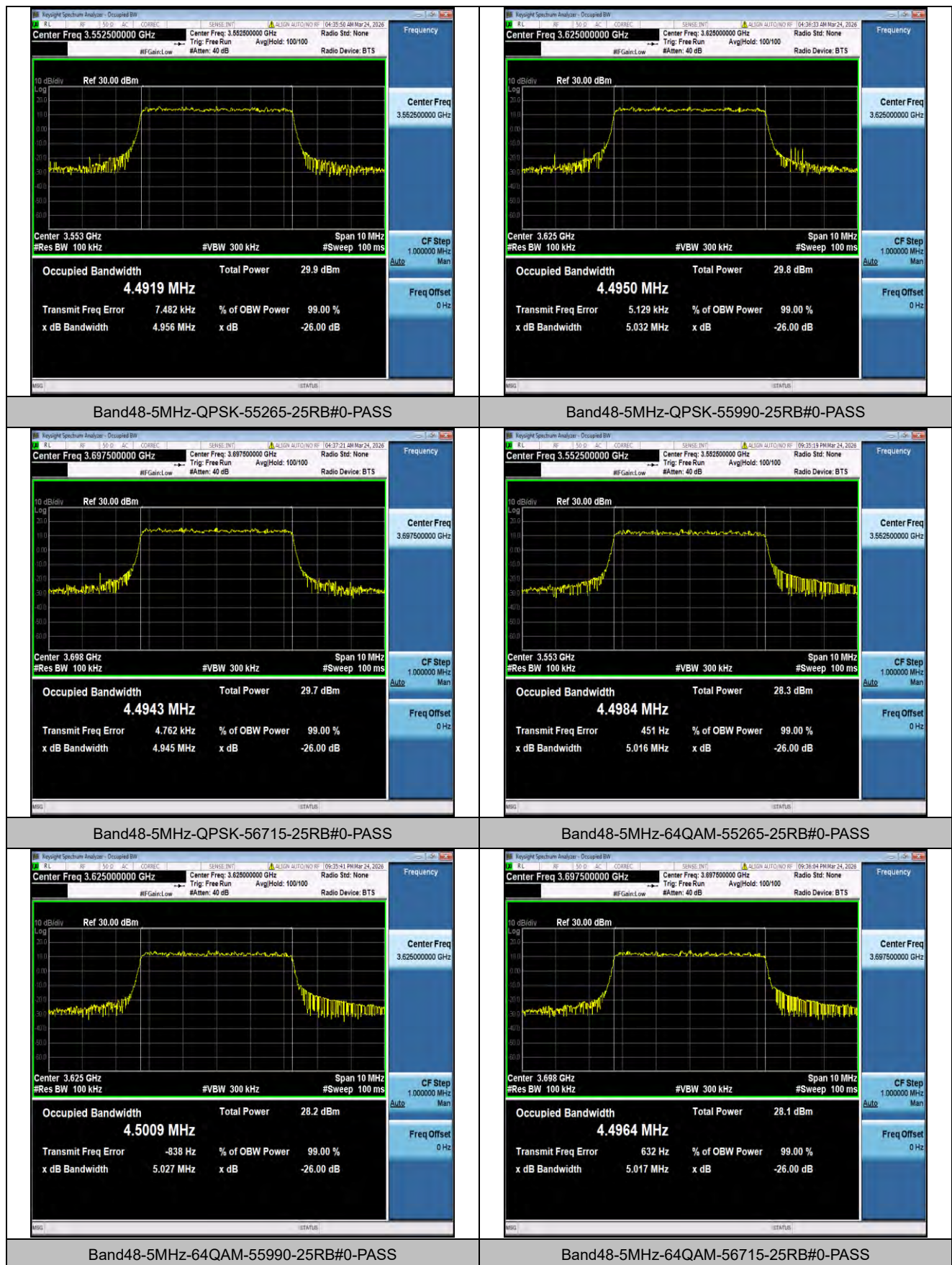


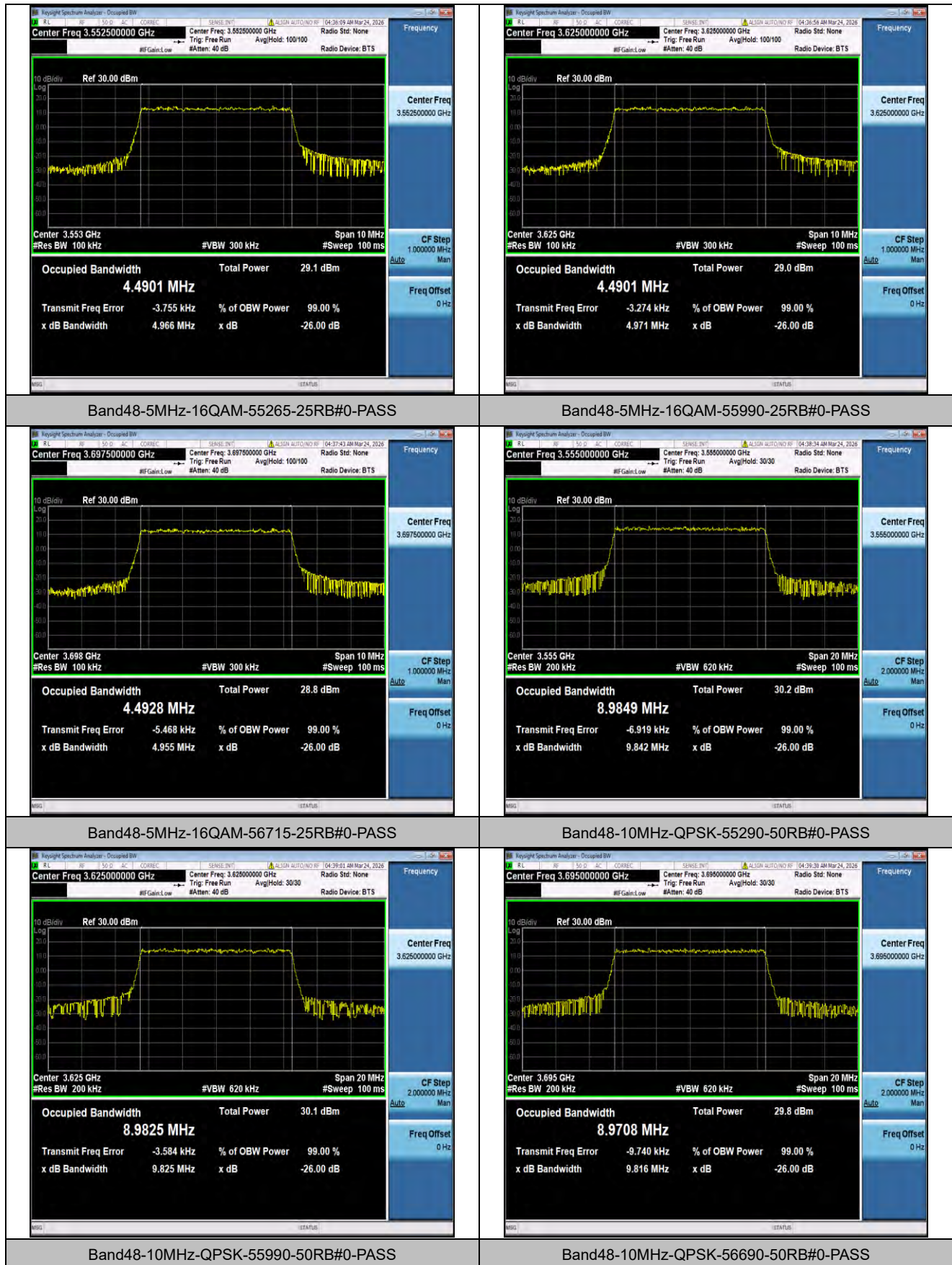
26dB Bandwidth and Occupied Bandwidth

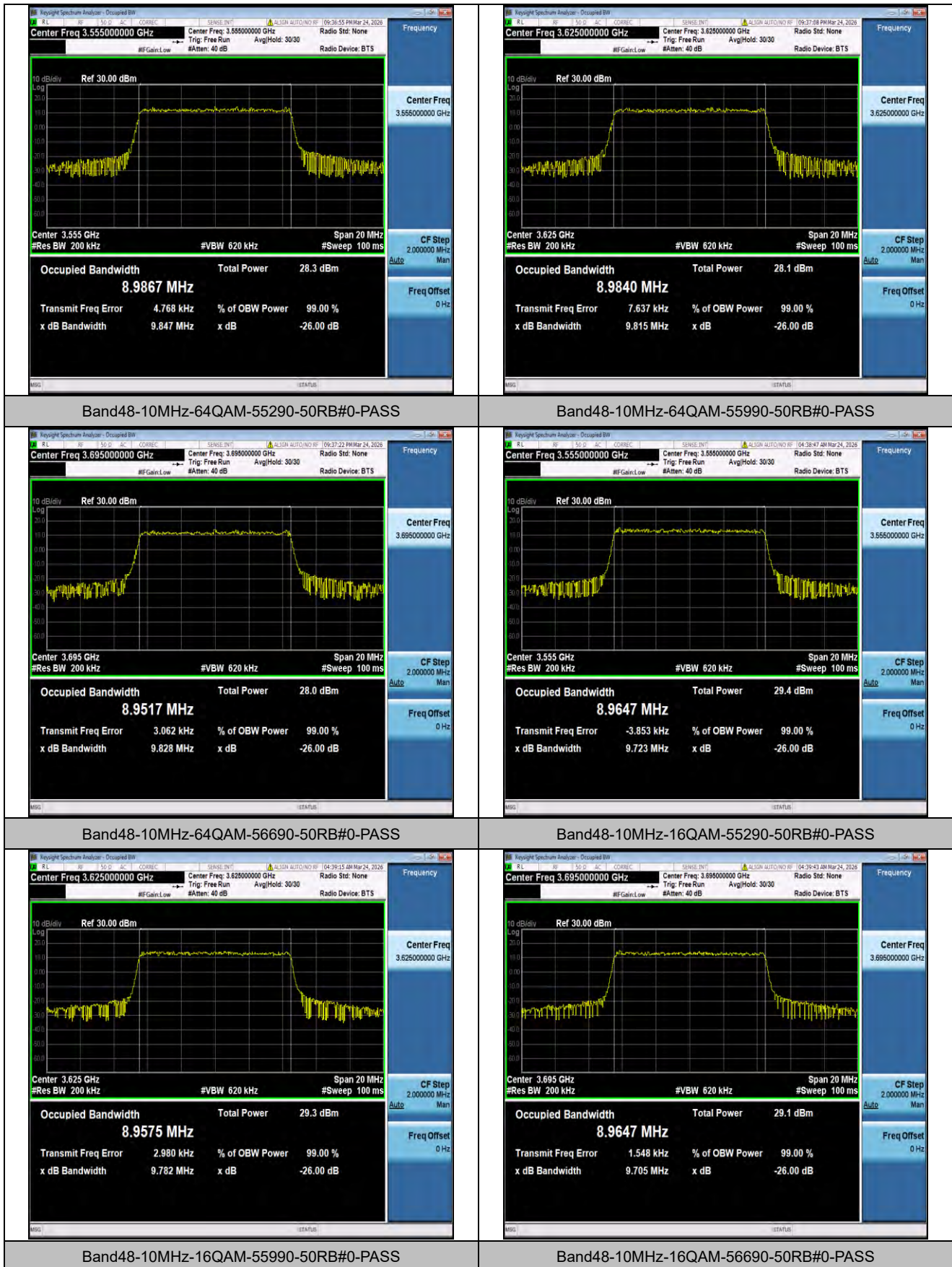
Test Result

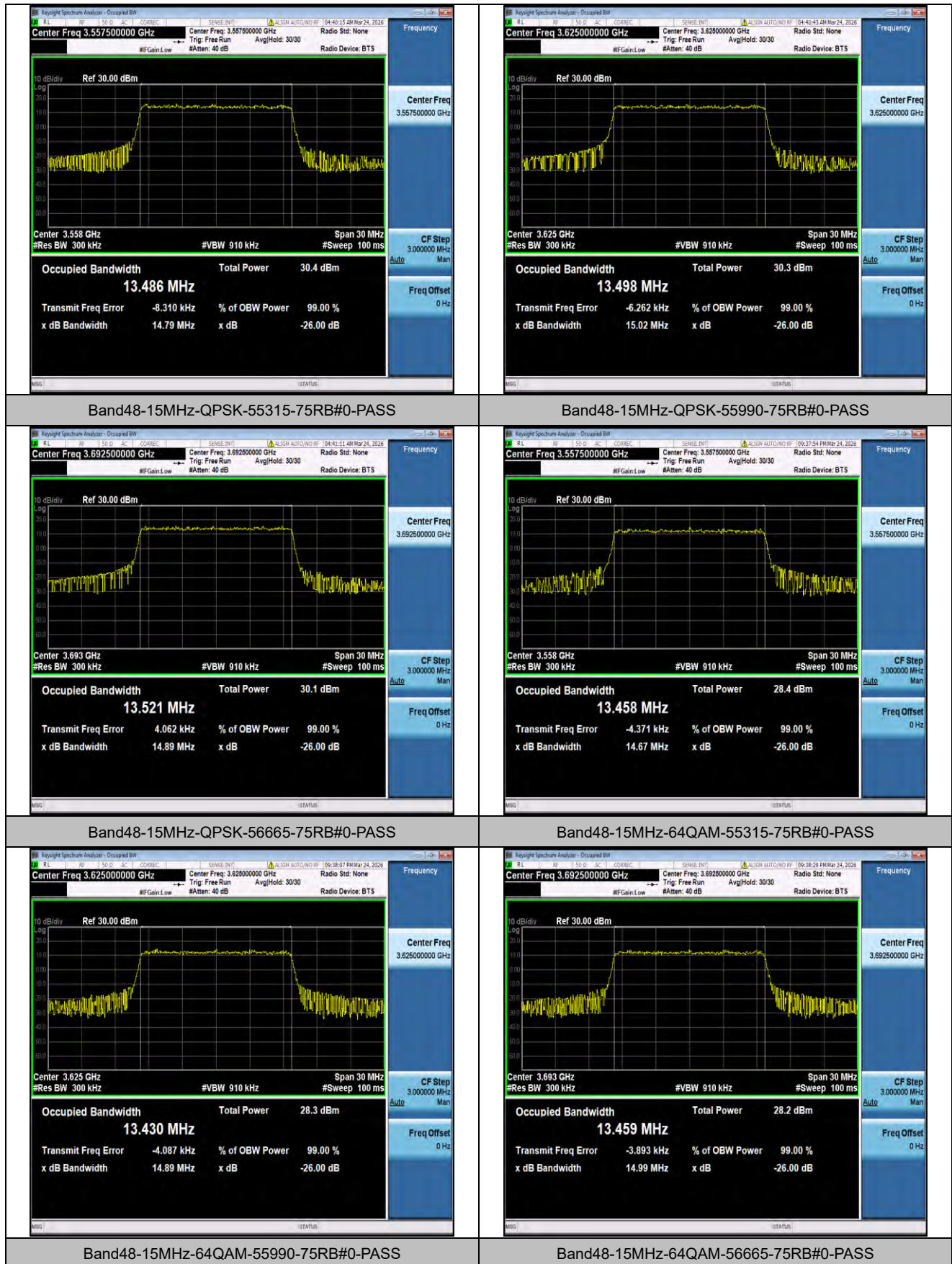
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.4919	4.956	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.4950	5.032	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.4943	4.945	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.4984	5.016	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.5009	5.027	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.4964	5.017	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.4901	4.966	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.4901	4.971	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.4928	4.955	PASS
Band48	10MHz	QPSK	55290	50RB#0	8.9849	9.842	PASS
Band48	10MHz	QPSK	55990	50RB#0	8.9825	9.825	PASS
Band48	10MHz	QPSK	56690	50RB#0	8.9708	9.816	PASS
Band48	10MHz	64QAM	55290	50RB#0	8.9867	9.847	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.9840	9.815	PASS
Band48	10MHz	64QAM	56690	50RB#0	8.9517	9.828	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.9647	9.723	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.9575	9.782	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.9647	9.705	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.486	14.79	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.498	15.02	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.521	14.89	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.458	14.67	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.430	14.89	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.459	14.99	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.459	14.69	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.452	14.66	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.460	14.69	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.962	19.53	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.009	19.49	PASS
Band48	20MHz	QPSK	56640	100RB#0	18.005	19.42	PASS
Band48	20MHz	64QAM	55340	100RB#0	17.949	19.98	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.956	19.66	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.956	19.77	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.929	19.52	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.933	19.77	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.951	19.63	PASS

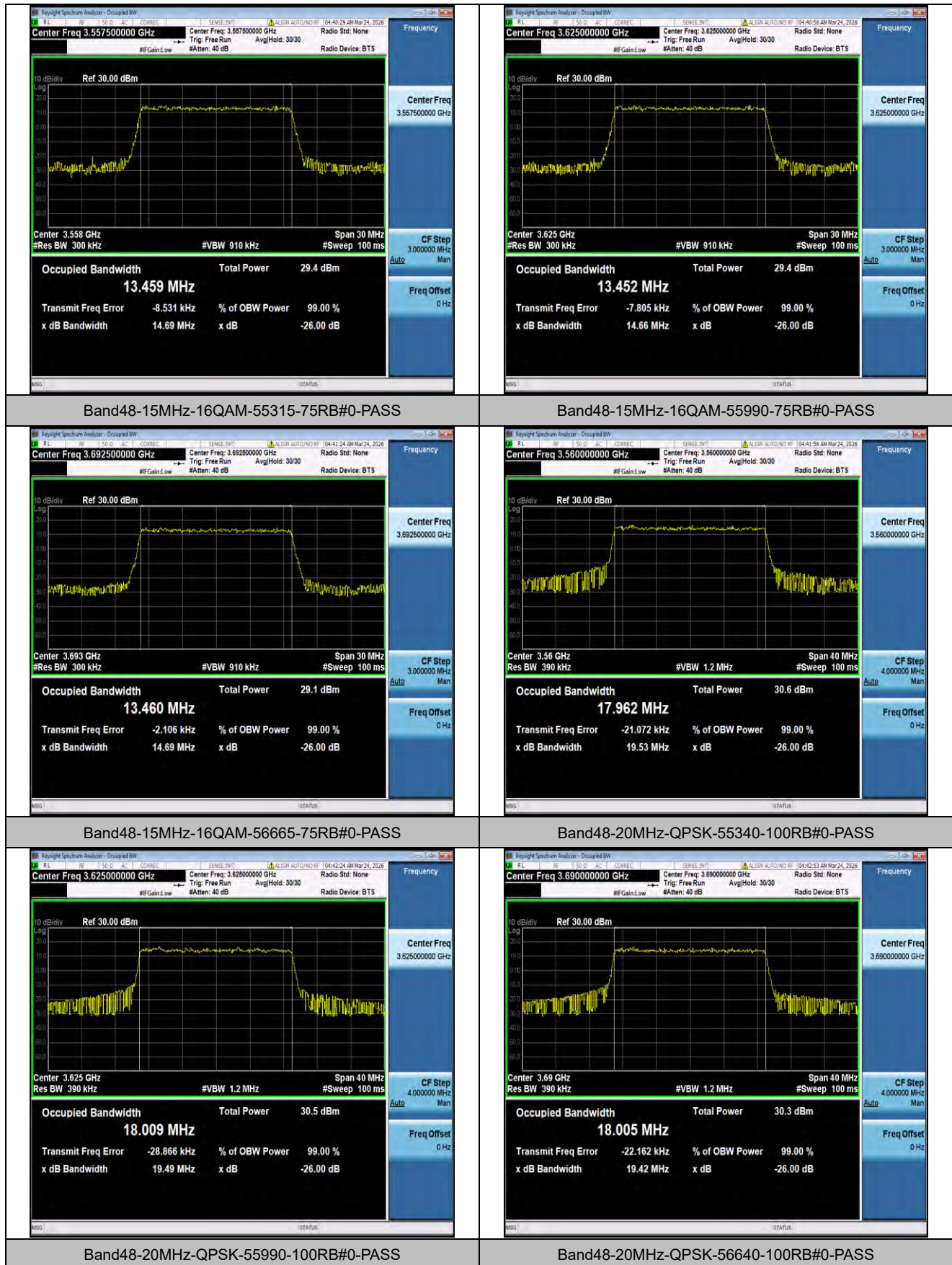
Test Graphs

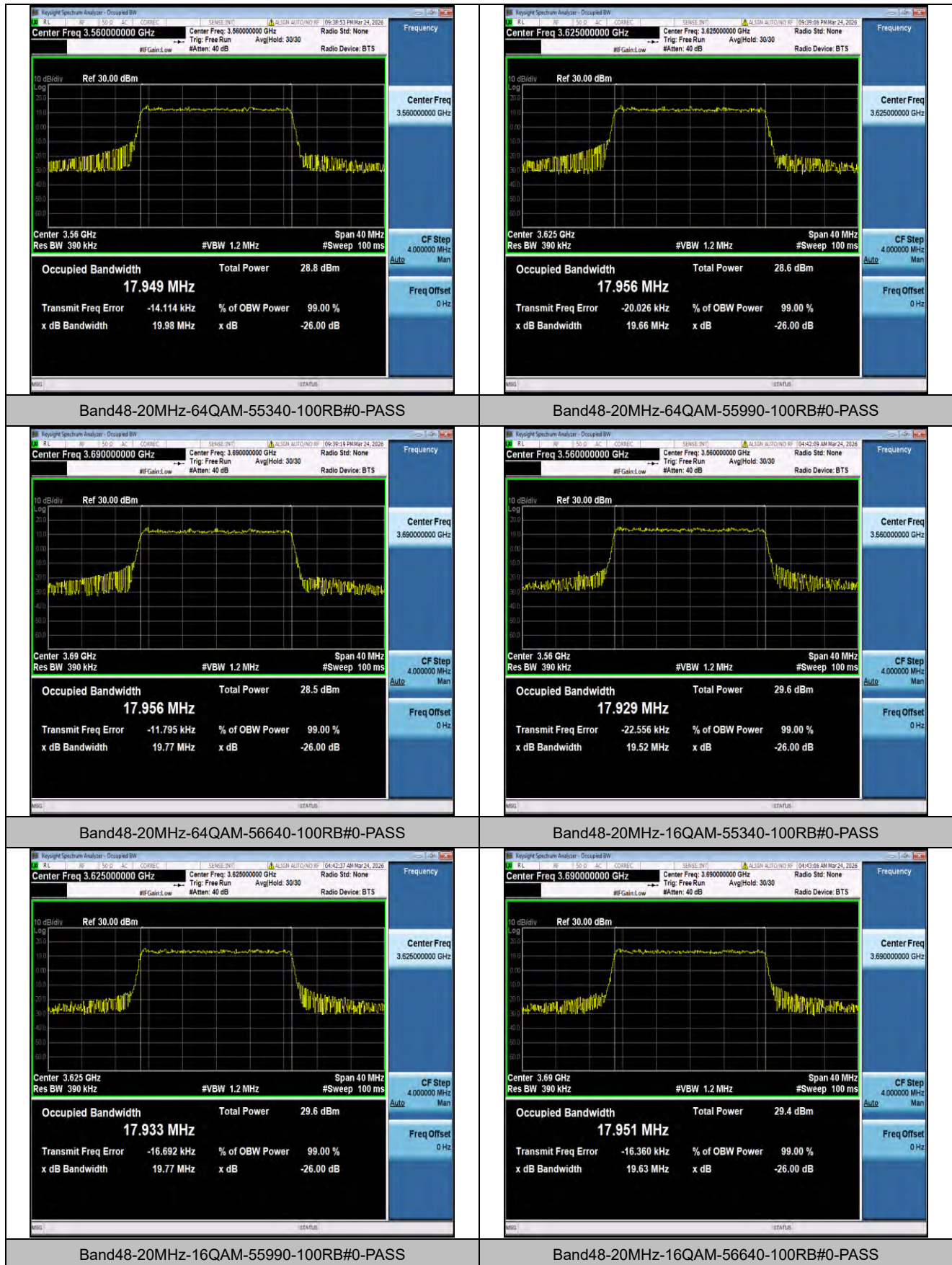






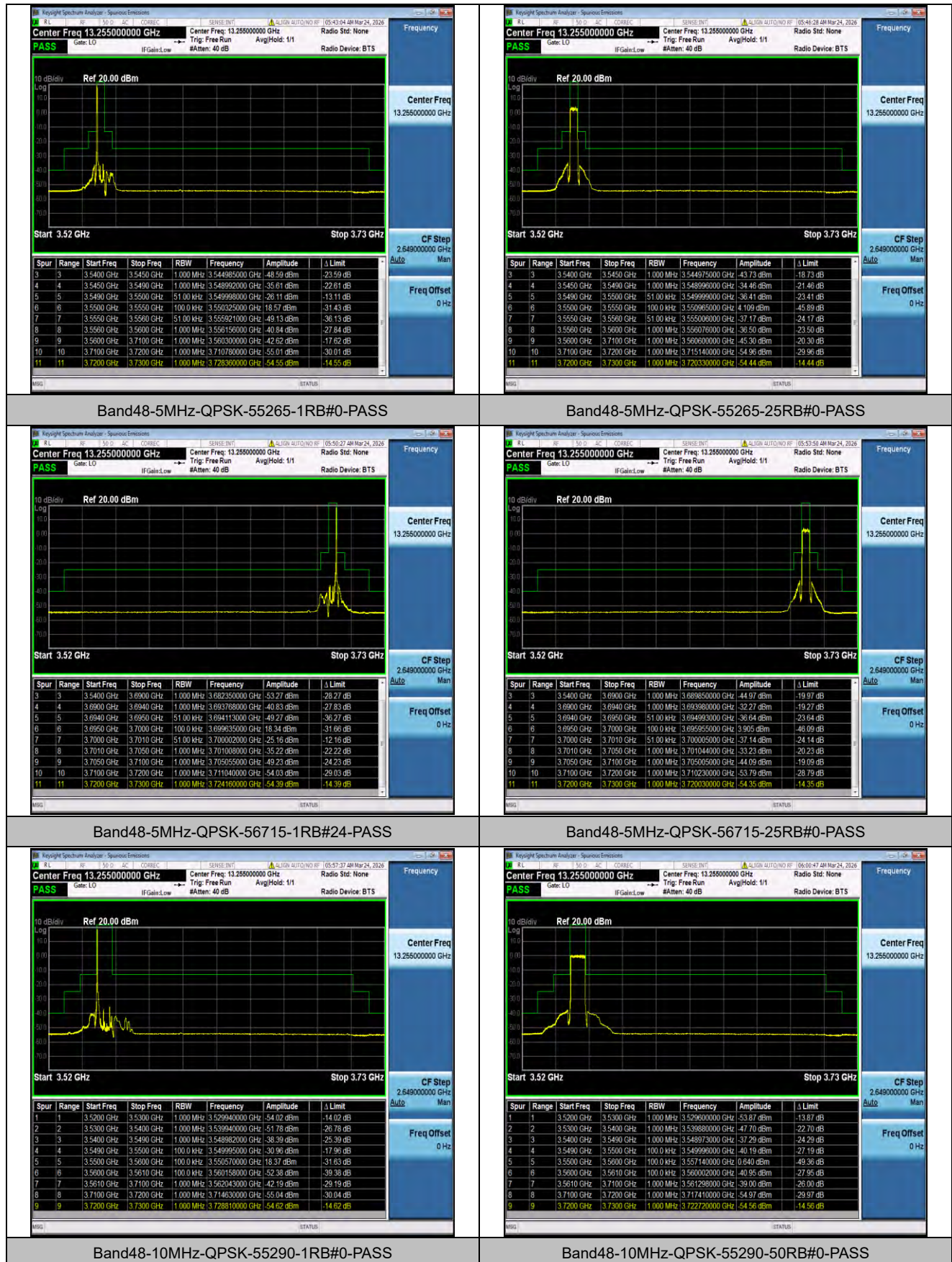


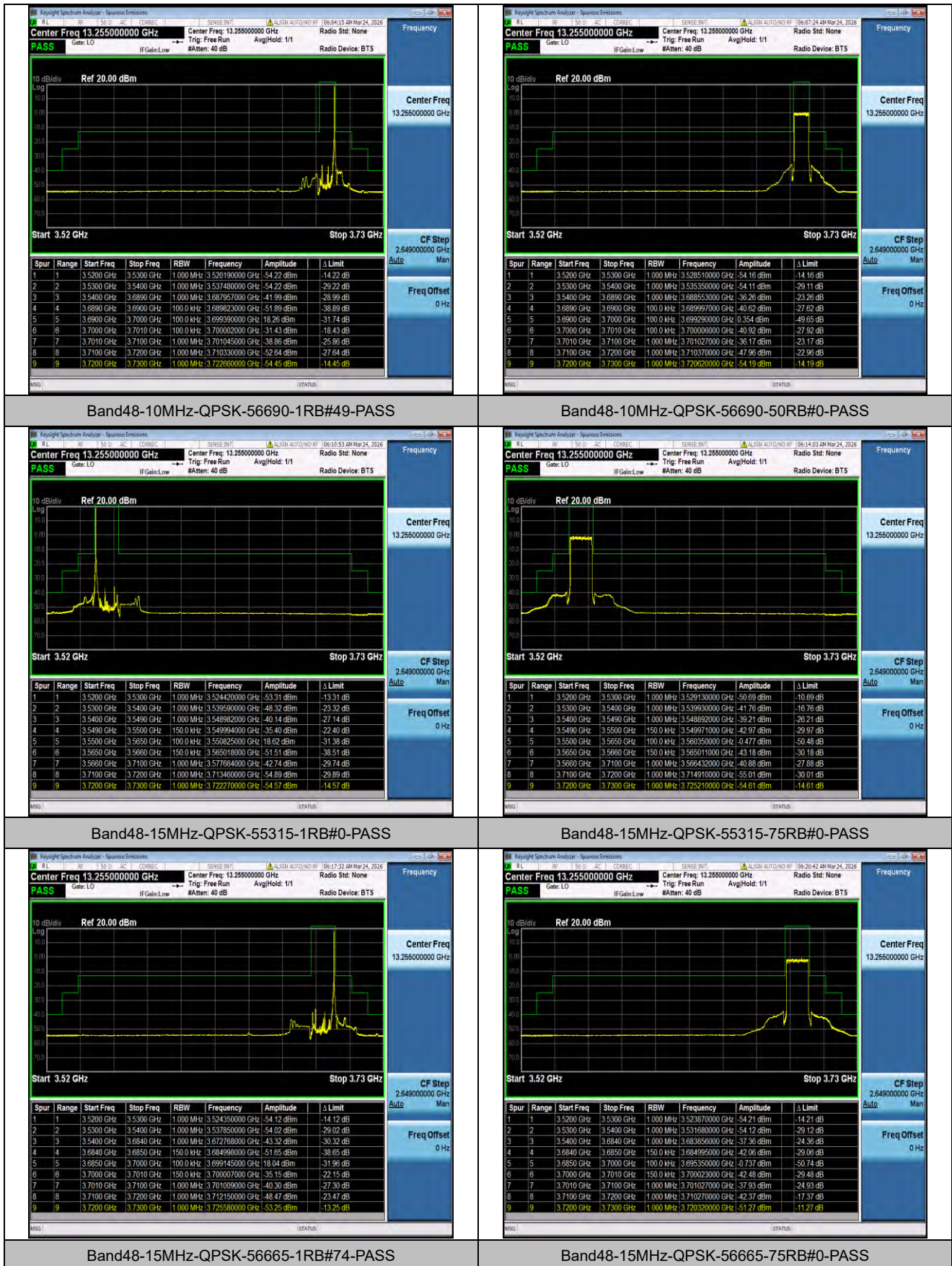


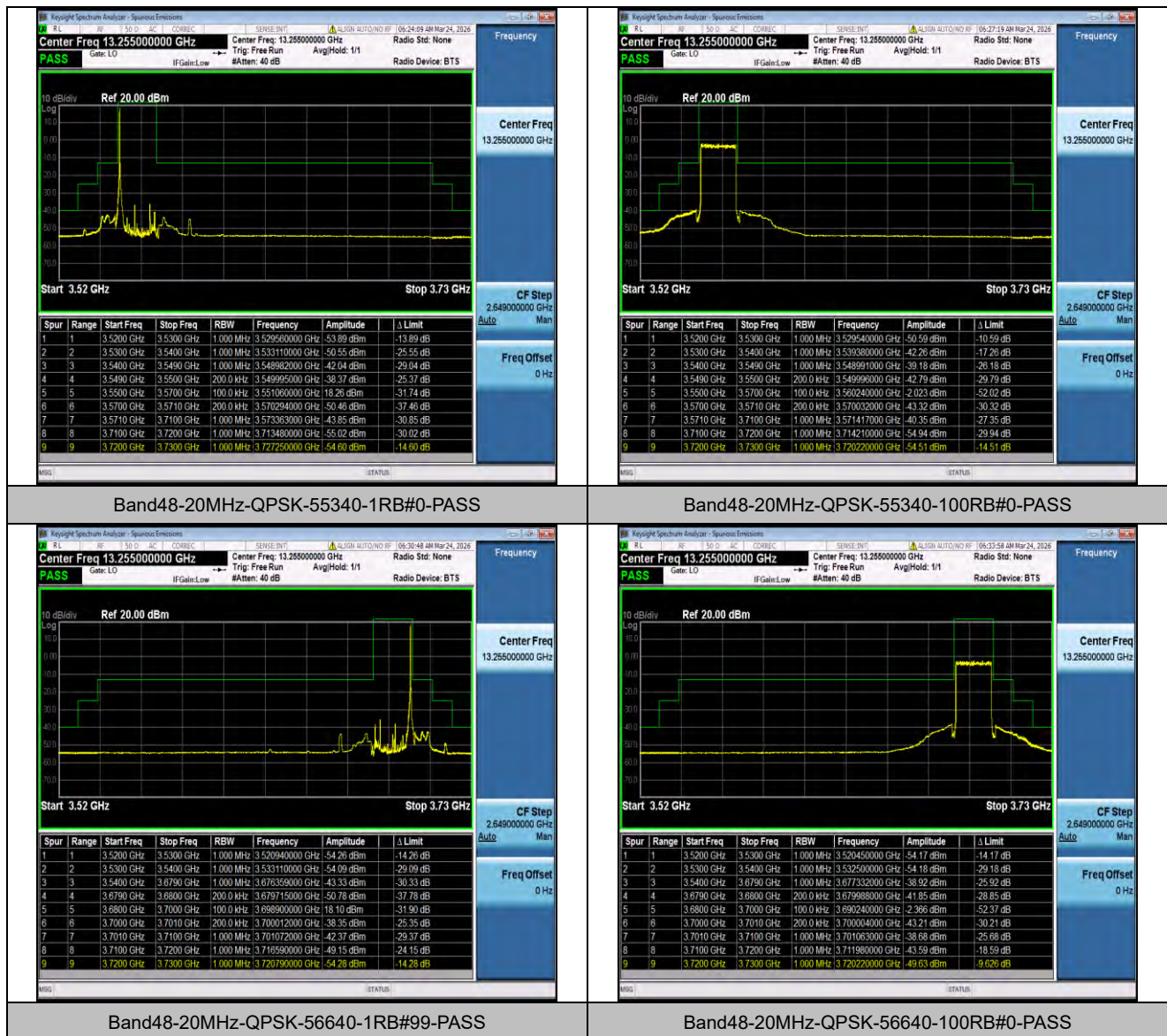


Band Edge

Test Graphs

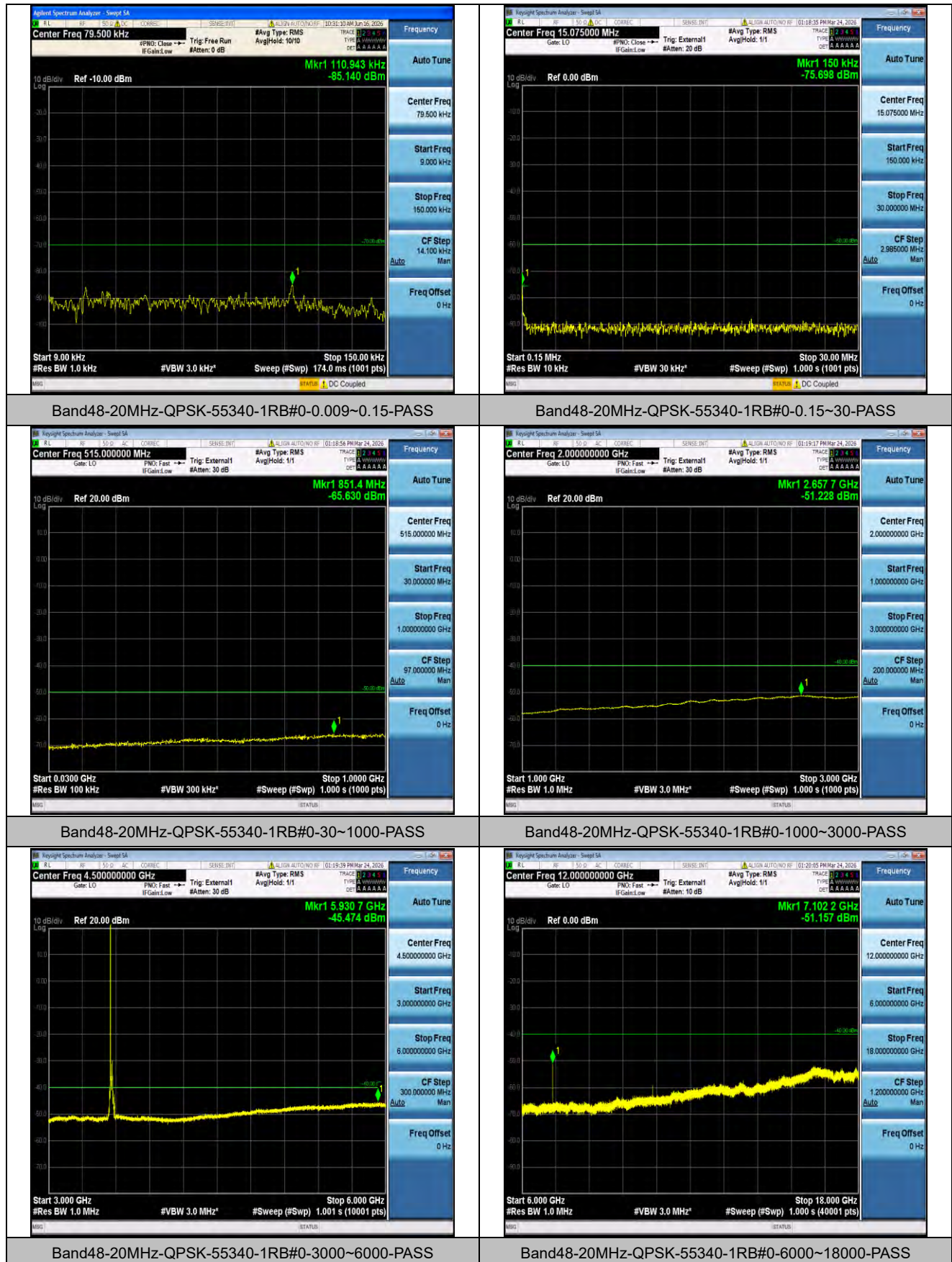






Conducted Spurious Emission

Test Graphs

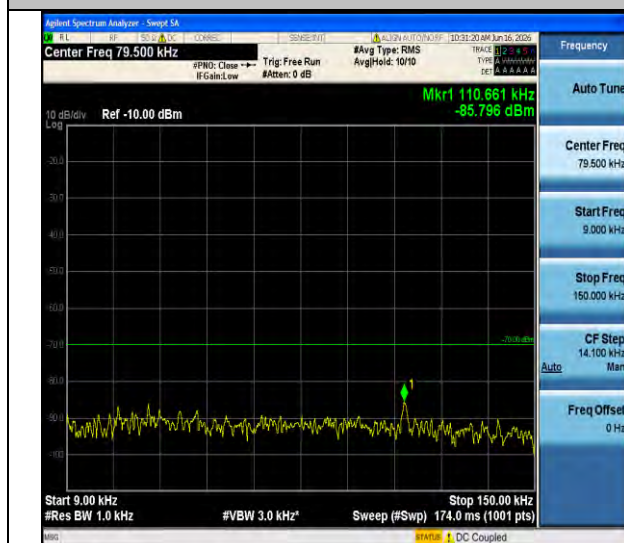




Band48-20MHz-QPSK-55340-1RB#0-18000~27000-PASS



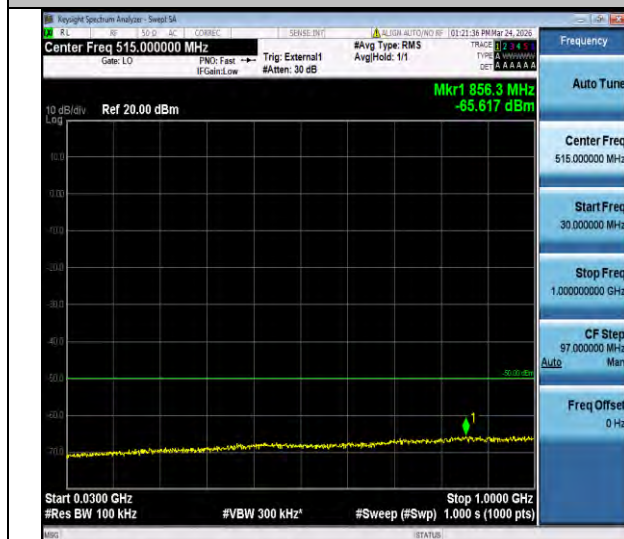
Band48-20MHz-QPSK-55340-1RB#0-27000~40000-PASS



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



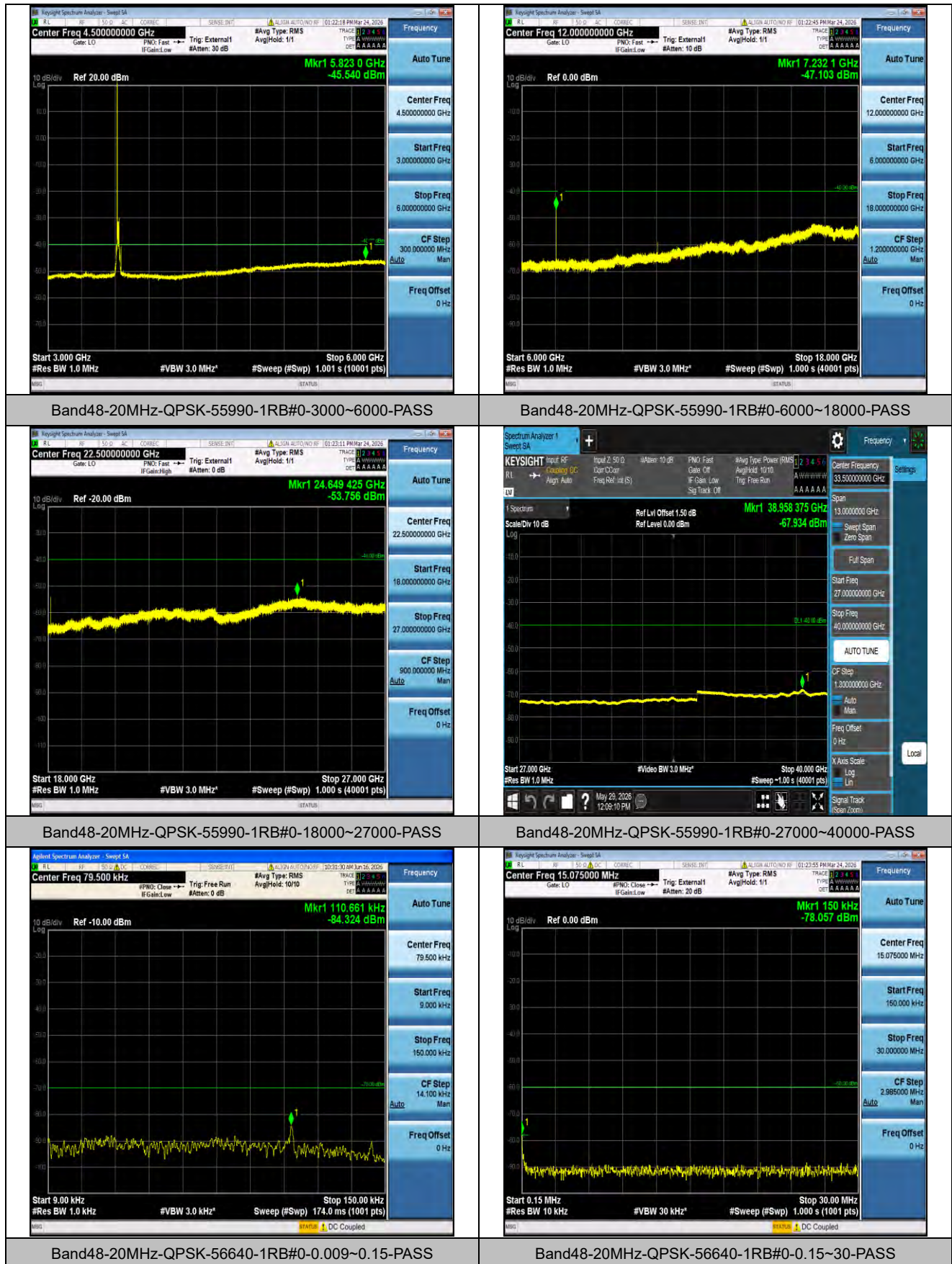
Band48-20MHz-QPSK-55990-1RB#0-0.15~30-PASS

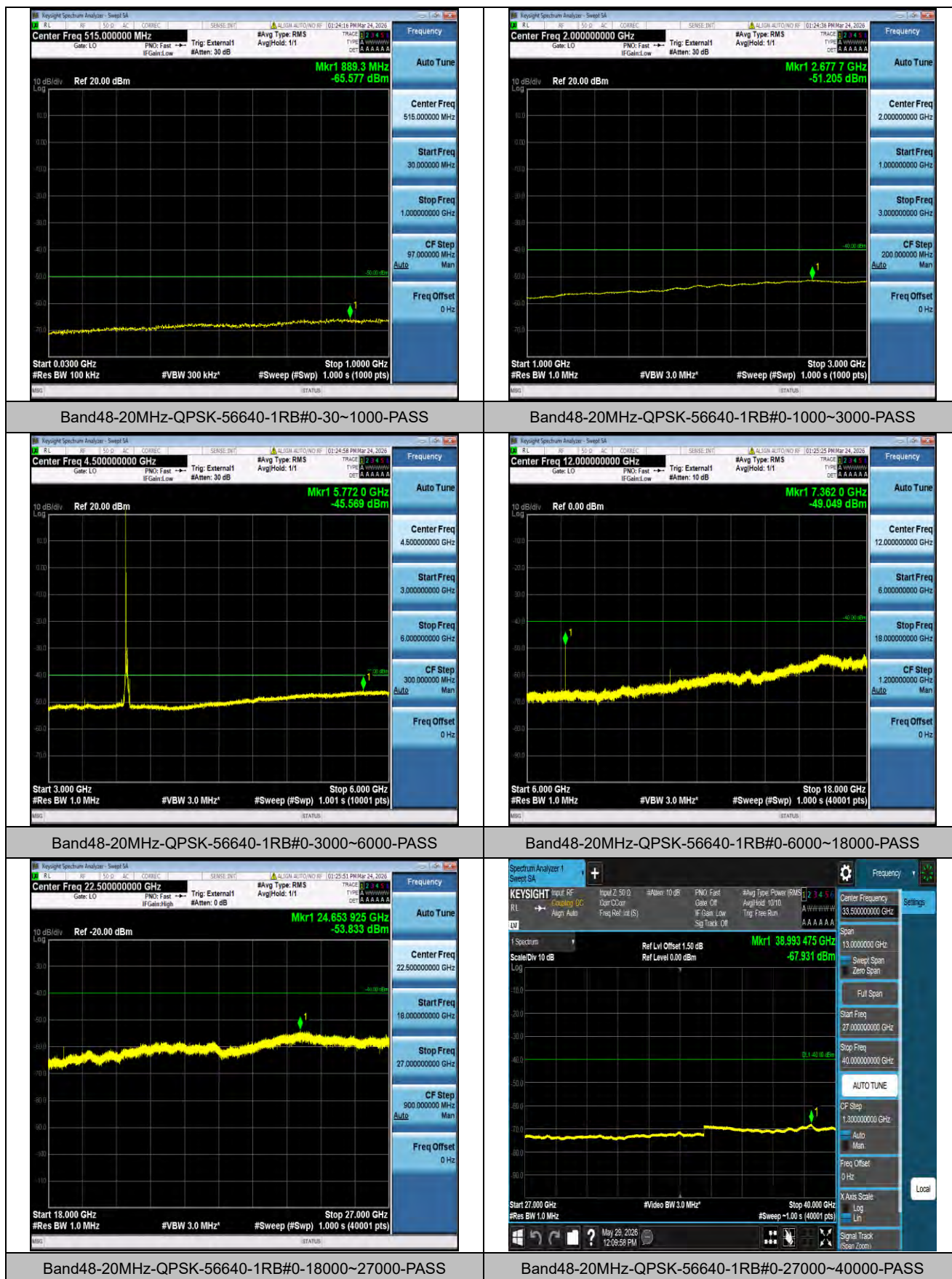


Band48-20MHz-QPSK-55990-1RB#0-30~1000-PASS



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





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	11.00	0.003034	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	-19.10	-0.005269	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	-18.60	-0.005131	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	-16.20	-0.004469	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	-19.20	-0.005297	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	15.10	0.004166	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	-17.60	-0.004855	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	-10.40	-0.002869	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	-9.80	-0.002703	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	-6.10	-0.001683	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	8.60	0.002372	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	-6.20	-0.001710	PASS

~The End~