

Appendix-A LTE Band 42(3450-3550)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	22.31	23.81	30.00	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#12	22.3	23.8	30.00	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#24	22.43	23.93	30.00	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	21.9	23.4	30.00	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	21.64	23.14	30.00	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#12	21.97	23.47	30.00	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#24	21.52	23.02	30.00	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	20.95	22.45	30.00	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#0	21.1	22.6	30.00	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#12	21.12	22.62	30.00	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#24	21.19	22.69	30.00	PASS
42(3450-3550)	5MHz	64QAM	42115	25RB#0	19.89	21.39	30.00	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	22.38	23.88	30.00	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#12	22.36	23.86	30.00	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#24	22.37	23.87	30.00	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	21.98	23.48	30.00	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	21.9	23.4	30.00	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#12	22.03	23.53	30.00	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#24	21.9	23.4	30.00	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	20.86	22.36	30.00	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#0	21.01	22.51	30.00	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#12	21.29	22.79	30.00	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#24	21.13	22.63	30.00	PASS
42(3450-3550)	5MHz	64QAM	42590	25RB#0	19.93	21.43	30.00	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	22.55	24.05	30.00	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#12	22.53	24.03	30.00	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#24	22.48	23.98	30.00	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	22.1	23.6	30.00	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	21.92	23.42	30.00	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#12	22.08	23.58	30.00	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#24	22.05	23.55	30.00	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	21.13	22.63	30.00	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#0	21.42	22.92	30.00	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#12	21.42	22.92	30.00	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#24	21.26	22.76	30.00	PASS
42(3450-3550)	5MHz	64QAM	43065	25RB#0	20.1	21.6	30.00	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	22.16	23.66	30.00	PASS

42(3450-3550)	10MHz	QPSK	42140	1RB#24	22.43	23.93	30.00	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#49	22.35	23.85	30.00	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	22.01	23.51	30.00	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	21.95	23.45	30.00	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#24	21.92	23.42	30.00	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#49	21.81	23.31	30.00	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	20.98	22.48	30.00	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#0	21.15	22.65	30.00	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#24	21.04	22.54	30.00	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#49	20.99	22.49	30.00	PASS
42(3450-3550)	10MHz	64QAM	42140	50RB#0	19.95	21.45	30.00	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	22.39	23.89	30.00	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#24	22.36	23.86	30.00	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#49	22.29	23.79	30.00	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	21.92	23.42	30.00	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	21.7	23.2	30.00	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#24	21.9	23.4	30.00	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#49	21.79	23.29	30.00	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	20.88	22.38	30.00	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#0	21.01	22.51	30.00	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#24	20.88	22.38	30.00	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#49	20.96	22.46	30.00	PASS
42(3450-3550)	10MHz	64QAM	42590	50RB#0	19.94	21.44	30.00	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	22.5	24	30.00	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#24	22.48	23.98	30.00	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#49	22.49	23.99	30.00	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	22.13	23.63	30.00	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	22.07	23.57	30.00	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#24	22.22	23.72	30.00	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#49	21.92	23.42	30.00	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	21.15	22.65	30.00	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#0	21.03	22.53	30.00	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#24	21.11	22.61	30.00	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#49	21.31	22.81	30.00	PASS
42(3450-3550)	10MHz	64QAM	43040	50RB#0	20.18	21.68	30.00	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	22.16	23.66	30.00	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#38	22.35	23.85	30.00	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#74	22.32	23.82	30.00	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	21.99	23.49	30.00	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	21.88	23.38	30.00	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#38	21.86	23.36	30.00	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#74	22.03	23.53	30.00	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	20.87	22.37	30.00	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#0	21.07	22.57	30.00	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#38	20.78	22.28	30.00	PASS

42(3450-3550)	15MHz	64QAM	42165	1RB#74	21.21	22.71	30.00	PASS
42(3450-3550)	15MHz	64QAM	42165	75RB#0	19.91	21.41	30.00	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	22.57	24.07	30.00	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#38	22.54	24.04	30.00	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#74	22.33	23.83	30.00	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	21.86	23.36	30.00	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	21.56	23.06	30.00	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#38	22.2	23.7	30.00	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#74	21.87	23.37	30.00	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	20.99	22.49	30.00	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#0	20.76	22.26	30.00	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#38	21.28	22.78	30.00	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#74	21.39	22.89	30.00	PASS
42(3450-3550)	15MHz	64QAM	42590	75RB#0	19.88	21.38	30.00	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	22.6	24.1	30.00	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#38	22.58	24.08	30.00	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#74	22.56	24.06	30.00	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	22.08	23.58	30.00	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	21.83	23.33	30.00	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#38	22	23.5	30.00	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#74	21.95	23.45	30.00	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	21.16	22.66	30.00	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#0	21.07	22.57	30.00	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#38	21.07	22.57	30.00	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#74	21.37	22.87	30.00	PASS
42(3450-3550)	15MHz	64QAM	43015	75RB#0	20.13	21.63	30.00	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	22.13	23.63	30.00	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#49	22.41	23.91	30.00	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#99	22.38	23.88	30.00	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	21.99	23.49	30.00	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	21.85	23.35	30.00	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#49	22.15	23.65	30.00	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#99	21.99	23.49	30.00	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	20.99	22.49	30.00	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#0	20.88	22.38	30.00	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#49	21.36	22.86	30.00	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#99	21.33	22.83	30.00	PASS
42(3450-3550)	20MHz	64QAM	42190	100RB#0	19.91	21.41	30.00	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	22.48	23.98	30.00	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#49	22.4	23.9	30.00	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#99	22.53	24.03	30.00	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	21.98	23.48	30.00	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	21.62	23.12	30.00	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#49	21.97	23.47	30.00	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#99	21.92	23.42	30.00	PASS

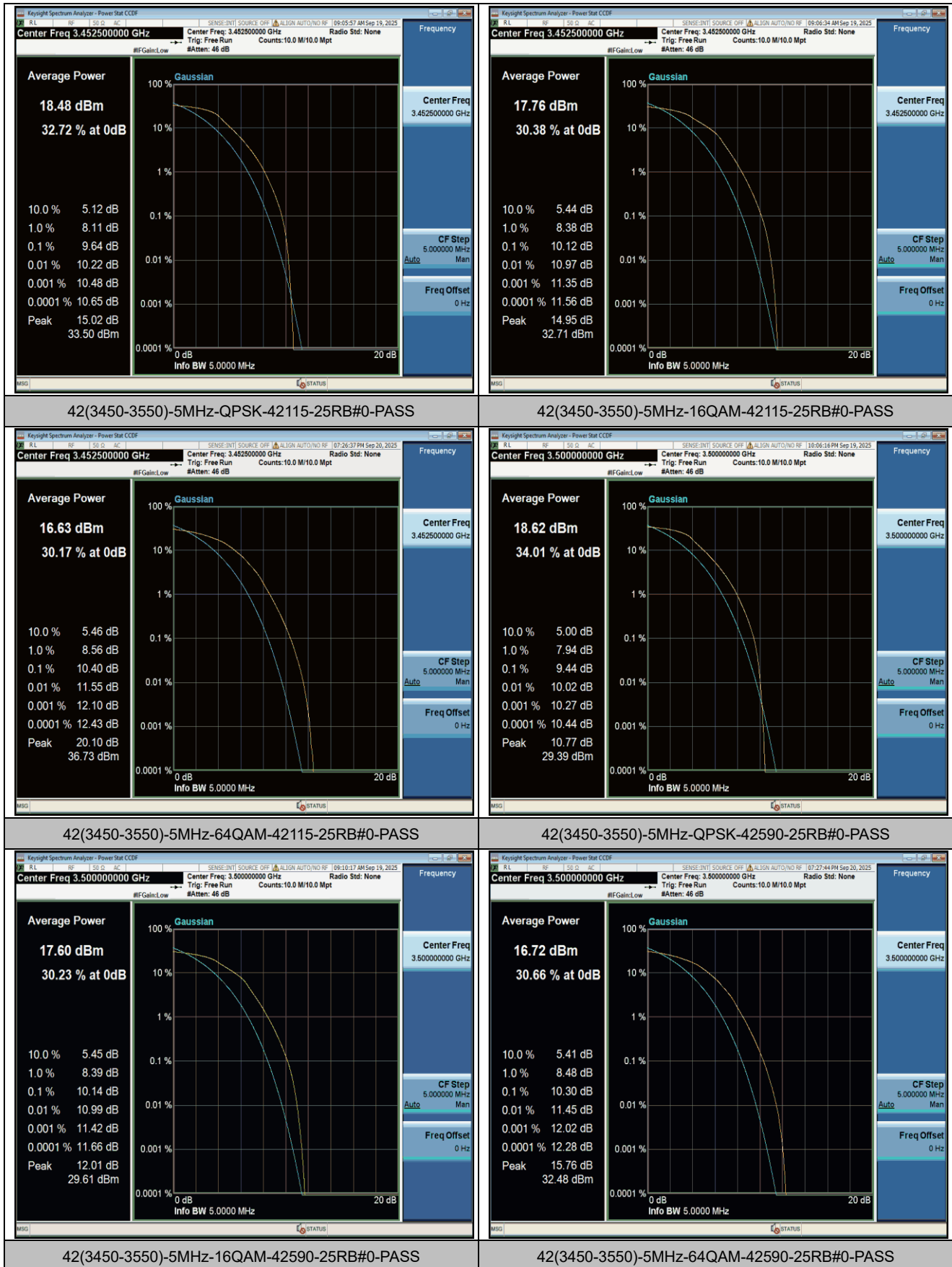
42(3450-3550)	20MHz	16QAM	42590	100RB#0	20.93	22.43	30.00	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#0	20.77	22.27	30.00	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#49	21.24	22.74	30.00	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#99	21.25	22.75	30.00	PASS
42(3450-3550)	20MHz	64QAM	42590	100RB#0	19.86	21.36	30.00	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	22.52	24.02	30.00	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#49	22.46	23.96	30.00	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#99	22.54	24.04	30.00	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	22.05	23.55	30.00	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	21.78	23.28	30.00	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#49	22.09	23.59	30.00	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#99	22.04	23.54	30.00	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	21.02	22.52	30.00	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#0	20.99	22.49	30.00	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#49	21.58	23.08	30.00	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#99	21.45	22.95	30.00	PASS
42(3450-3550)	20MHz	64QAM	42990	100RB#0	20.06	21.56	30.00	PASS

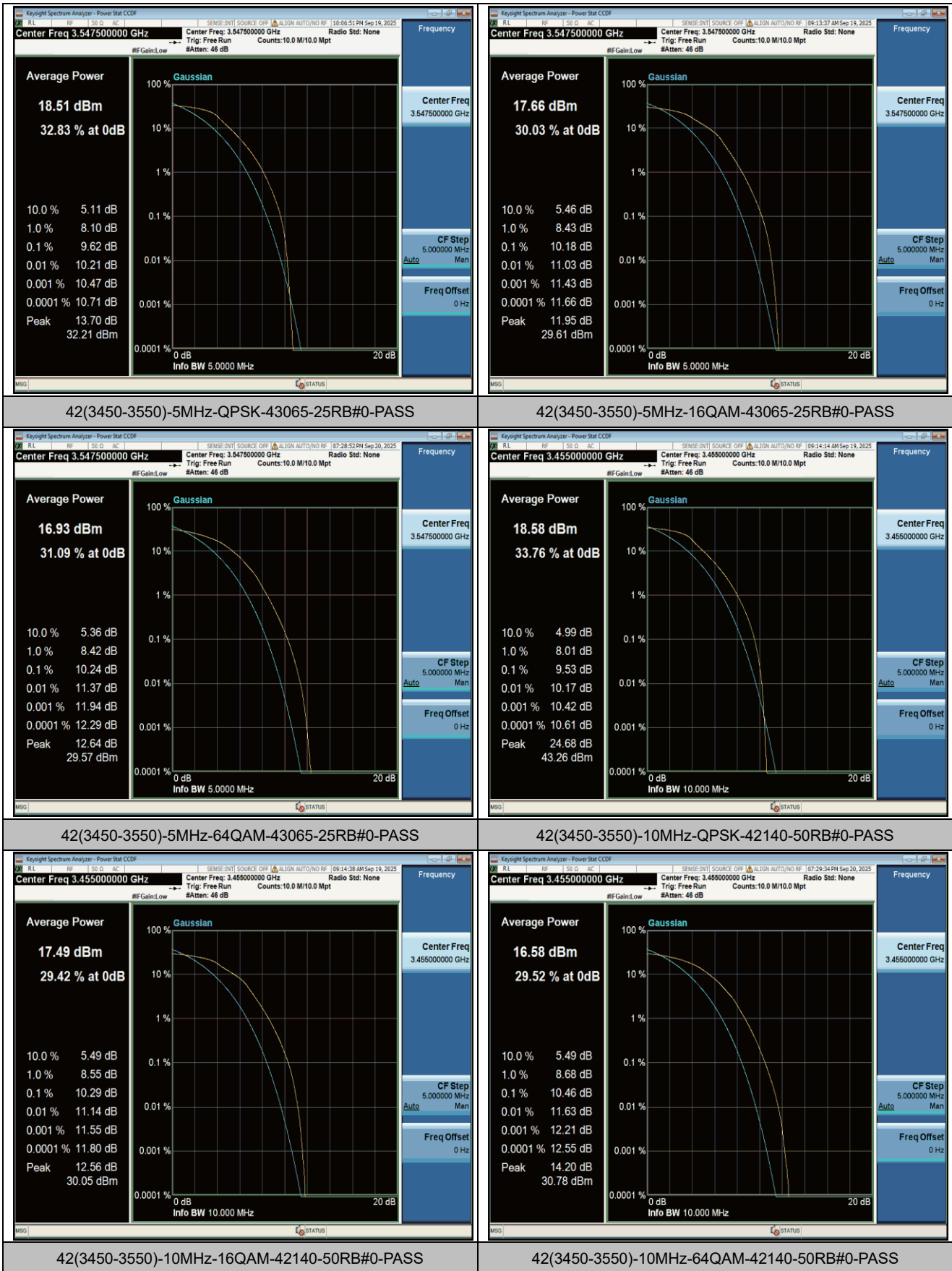
Peak-to-Average Ratio(CCDF)

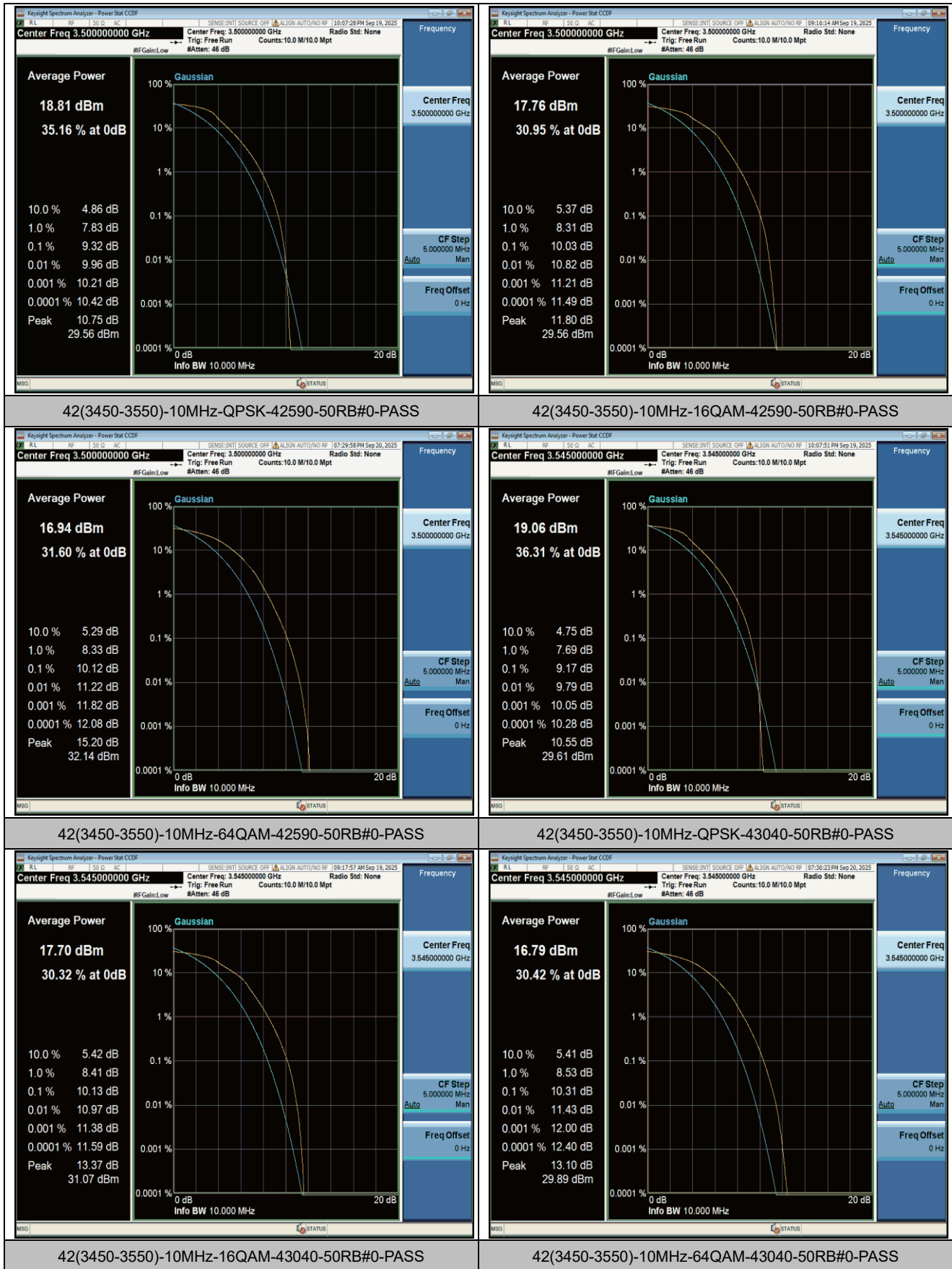
Test Result

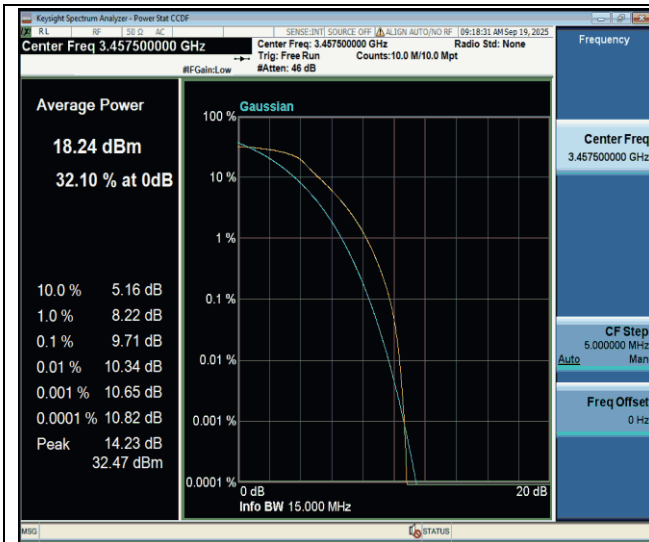
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
42(3450-3550)	5MHz	QPSK	42115	25RB#0	9.64	13	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	10.12	13	PASS
42(3450-3550)	5MHz	64QAM	42115	25RB#0	10.40	13	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	9.44	13	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	10.14	13	PASS
42(3450-3550)	5MHz	64QAM	42590	25RB#0	10.30	13	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	9.62	13	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	10.18	13	PASS
42(3450-3550)	5MHz	64QAM	43065	25RB#0	10.24	13	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	9.53	13	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	10.29	13	PASS
42(3450-3550)	10MHz	64QAM	42140	50RB#0	10.46	13	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	9.32	13	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	10.03	13	PASS
42(3450-3550)	10MHz	64QAM	42590	50RB#0	10.12	13	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	9.17	13	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	10.13	13	PASS
42(3450-3550)	10MHz	64QAM	43040	50RB#0	10.31	13	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	9.71	13	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	9.86	13	PASS
42(3450-3550)	15MHz	64QAM	42165	75RB#0	10.36	13	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	9.31	13	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	10.38	13	PASS
42(3450-3550)	15MHz	64QAM	42590	75RB#0	10.19	13	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	9.41	13	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	9.82	13	PASS
42(3450-3550)	15MHz	64QAM	43015	75RB#0	10.20	13	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	9.27	13	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	10.21	13	PASS
42(3450-3550)	20MHz	64QAM	42190	100RB#0	10.08	13	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	9.53	13	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	10.11	13	PASS
42(3450-3550)	20MHz	64QAM	42590	100RB#0	10.45	13	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	9.68	13	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	10.23	13	PASS
42(3450-3550)	20MHz	64QAM	42990	100RB#0	10.18	13	PASS

Test Graphs

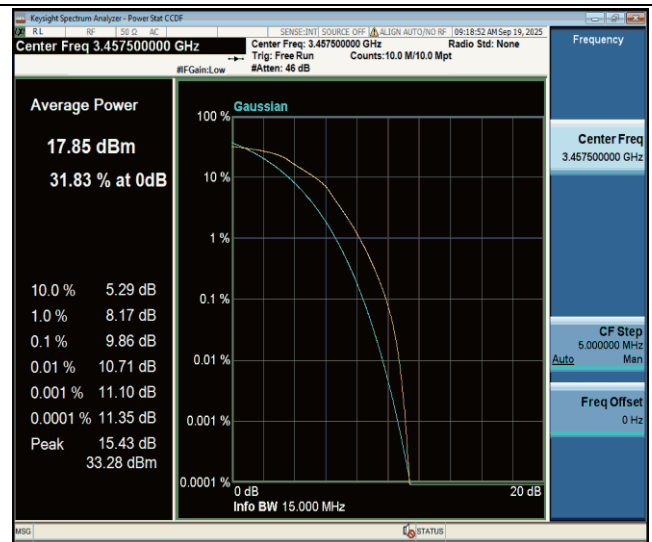




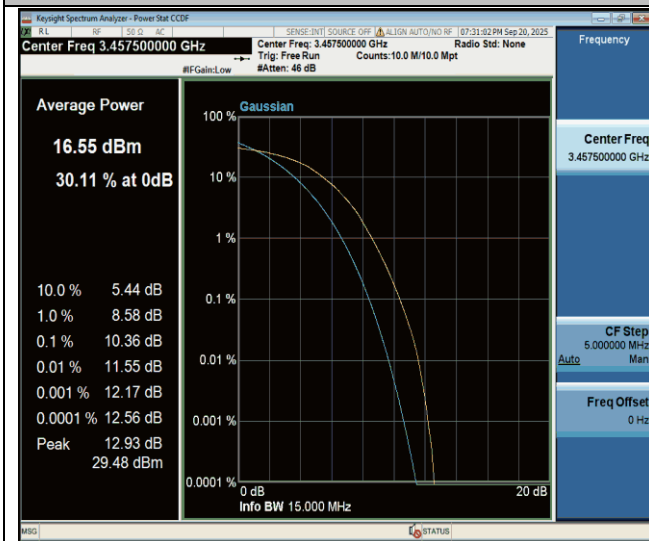




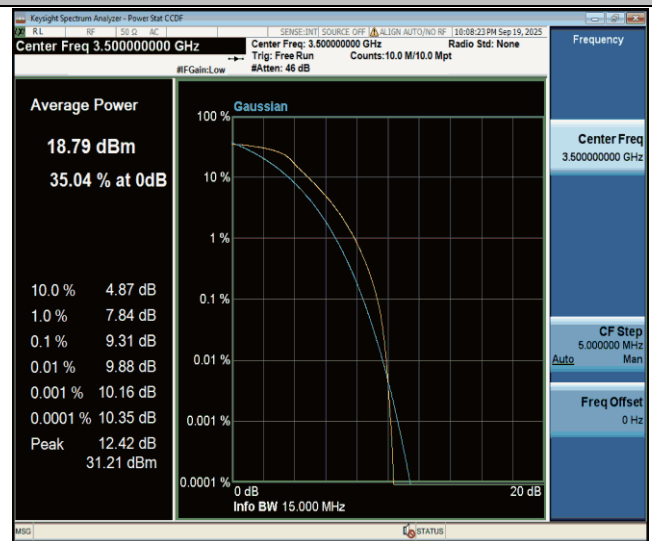
42(3450-3550)-15MHz-QPSK-42165-75RB#0-PASS



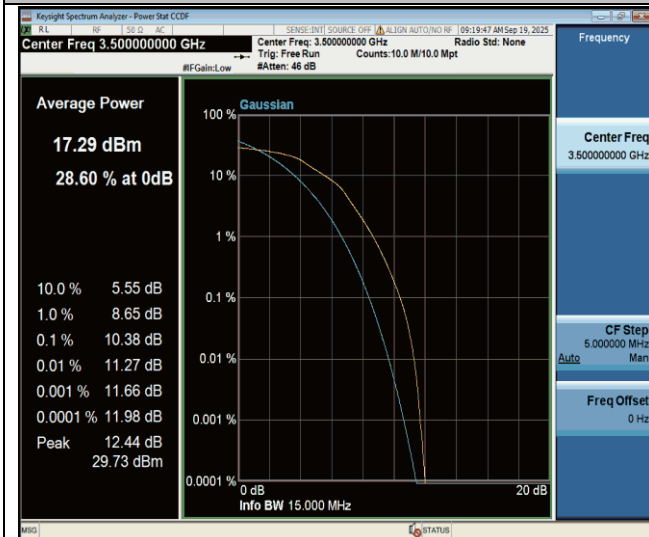
42(3450-3550)-15MHz-16QAM-42165-75RB#0-PASS



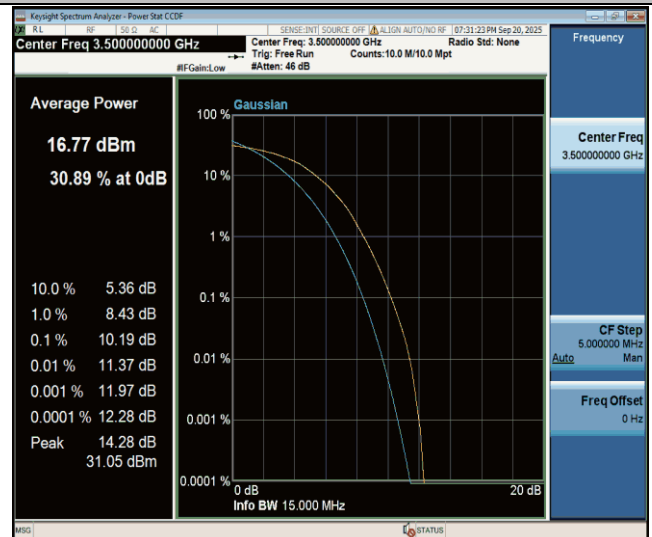
42(3450-3550)-15MHz-64QAM-42165-75RB#0-PASS



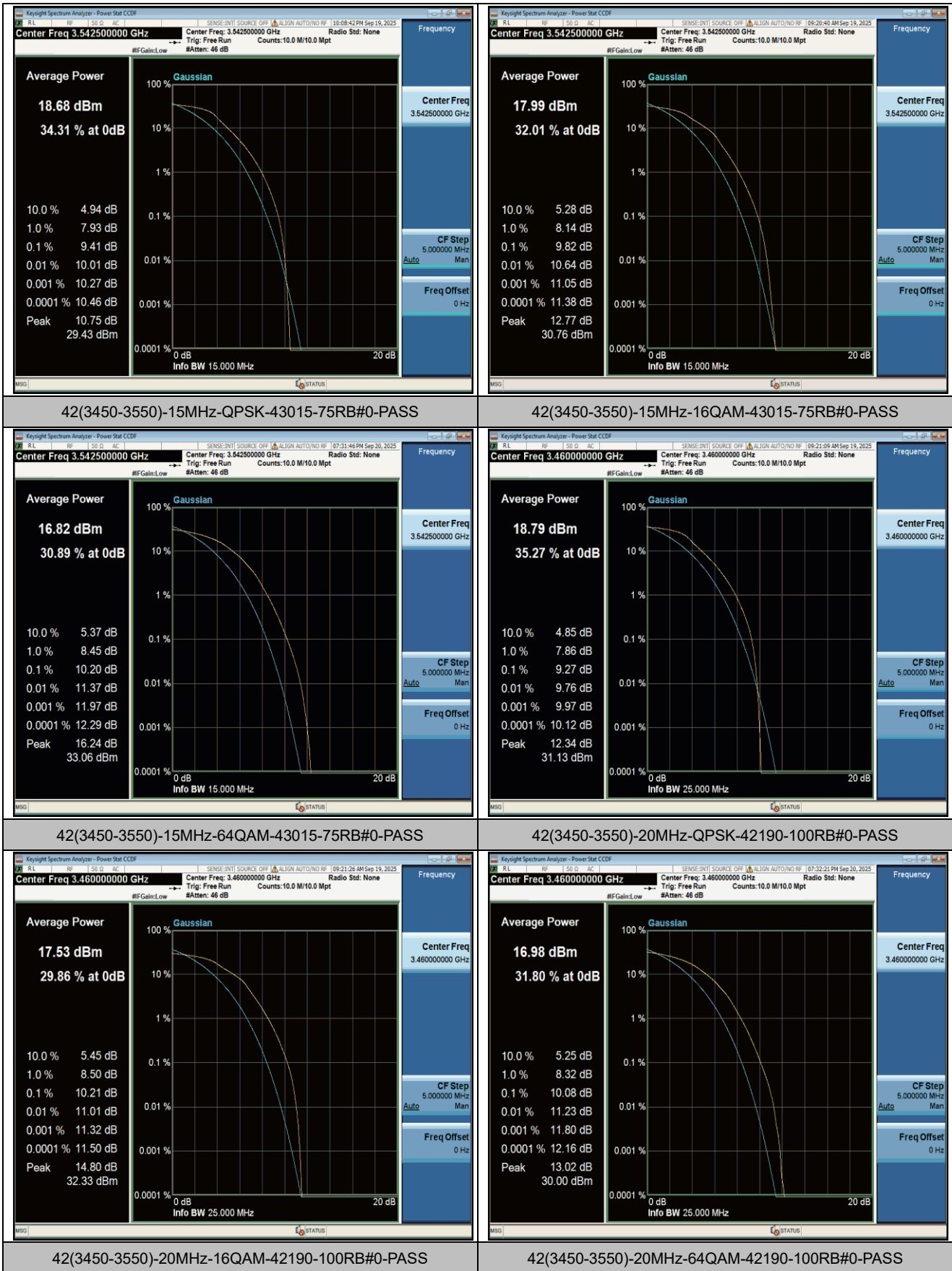
42(3450-3550)-15MHz-QPSK-42590-75RB#0-PASS

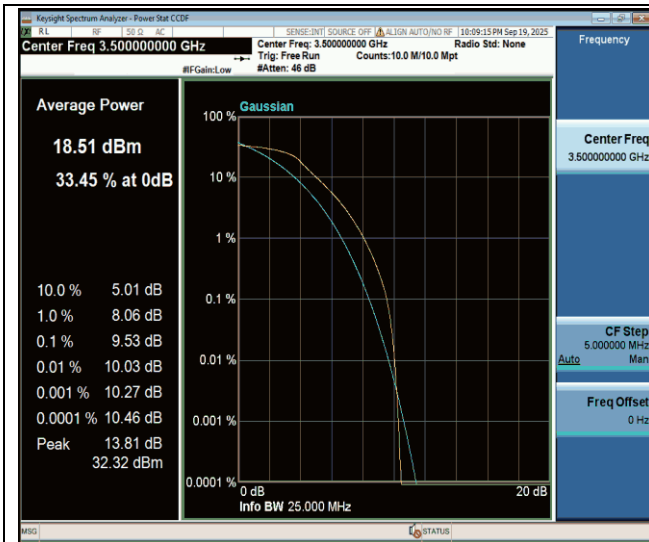


42(3450-3550)-15MHz-16QAM-42590-75RB#0-PASS

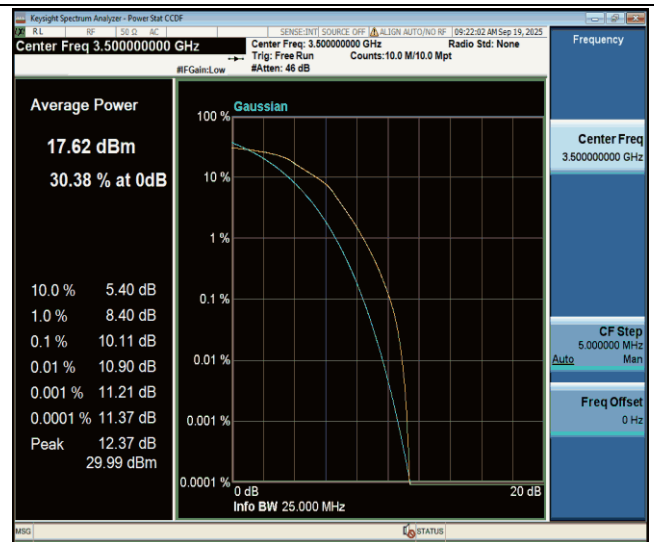


42(3450-3550)-15MHz-64QAM-42590-75RB#0-PASS

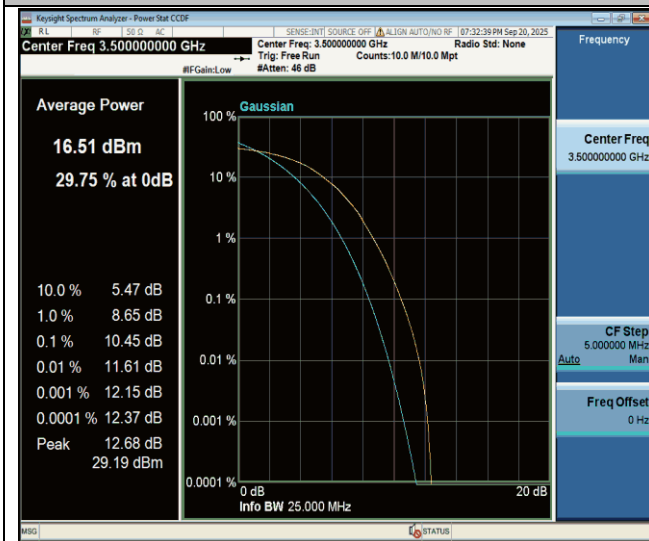




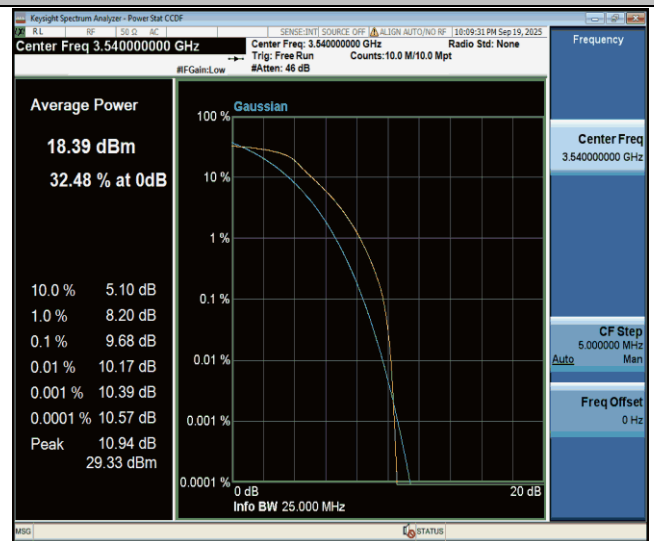
42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS



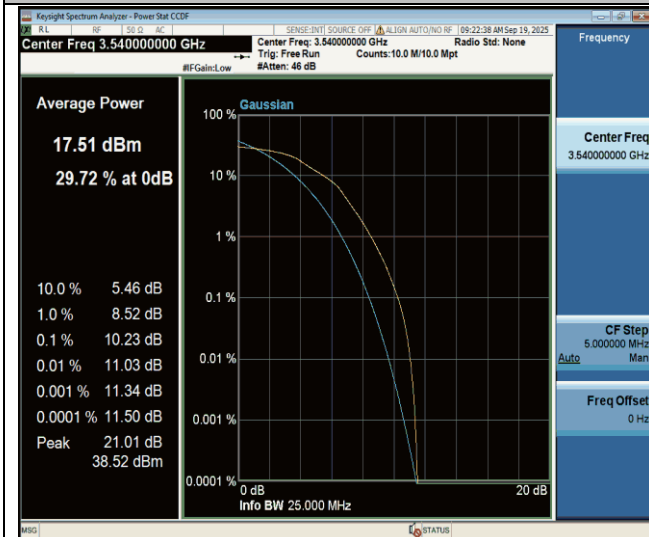
42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS



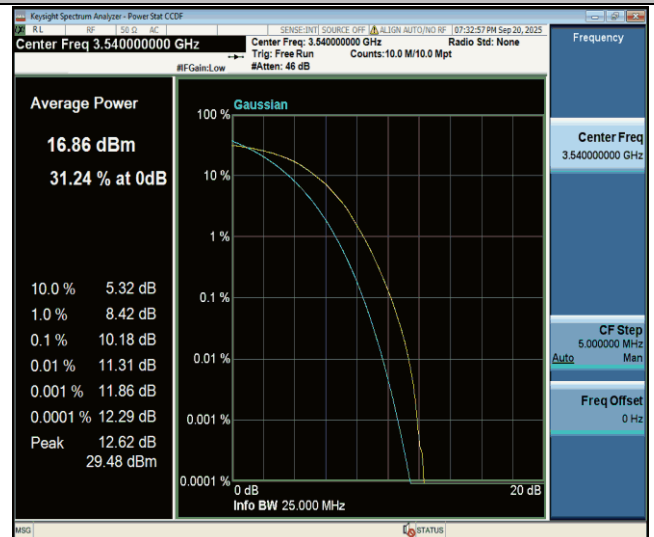
42(3450-3550)-20MHz-64QAM-42590-100RB#0-PASS



42(3450-3550)-20MHz-QPSK-42990-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42990-100RB#0-PASS



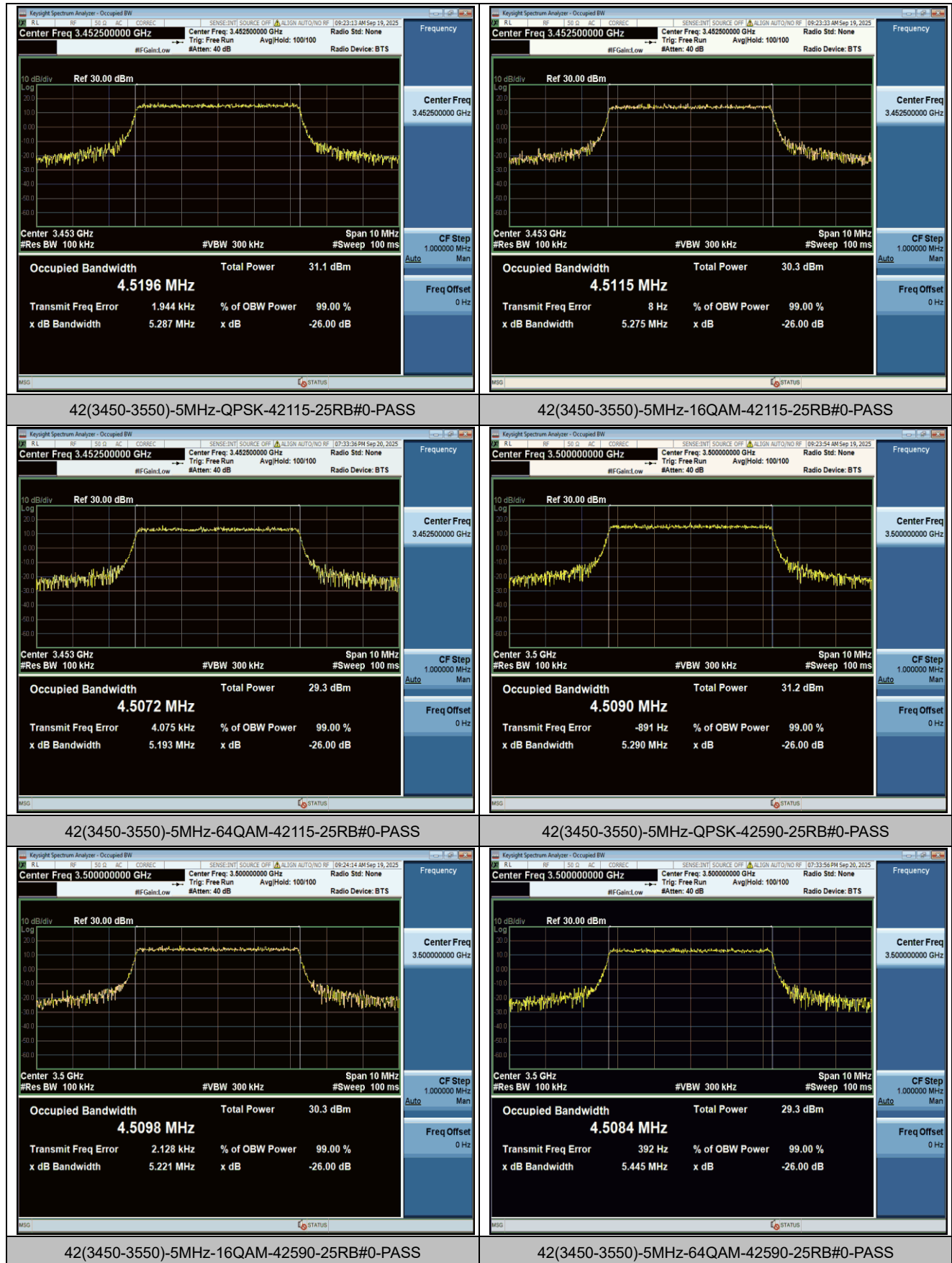
42(3450-3550)-20MHz-64QAM-42990-100RB#0-PASS

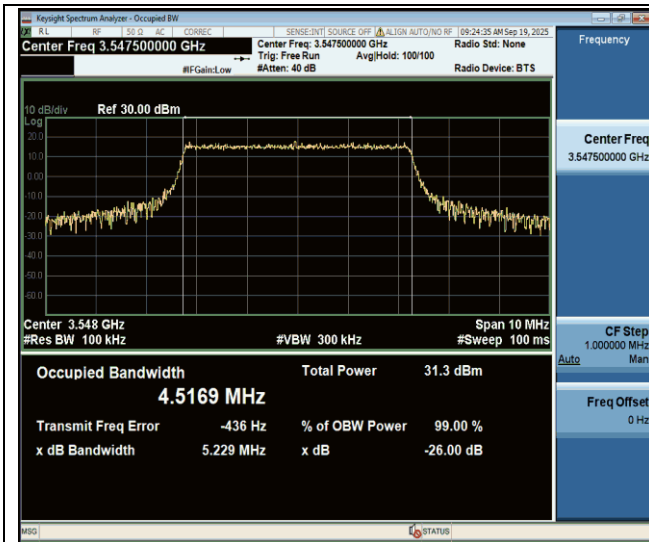
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
42(3450-3550)	5MHz	QPSK	42115	25RB#0	4.5196	5.287	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	4.5115	5.275	PASS
42(3450-3550)	5MHz	64QAM	42115	25RB#0	4.5072	5.193	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5090	5.290	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	4.5098	5.221	PASS
42(3450-3550)	5MHz	64QAM	42590	25RB#0	4.5084	5.445	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	4.5169	5.229	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	4.5156	5.397	PASS
42(3450-3550)	5MHz	64QAM	43065	25RB#0	4.5062	5.485	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	9.0051	10.13	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	8.9821	10.14	PASS
42(3450-3550)	10MHz	64QAM	42140	50RB#0	9.0025	10.81	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	8.9949	10.63	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	8.9924	10.91	PASS
42(3450-3550)	10MHz	64QAM	42590	50RB#0	8.9919	9.963	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9915	10.44	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	9.0087	10.56	PASS
42(3450-3550)	10MHz	64QAM	43040	50RB#0	8.9769	9.967	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.497	16.28	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	13.481	15.49	PASS
42(3450-3550)	15MHz	64QAM	42165	75RB#0	13.515	15.69	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.513	14.95	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	13.487	15.68	PASS
42(3450-3550)	15MHz	64QAM	42590	75RB#0	13.511	15.39	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.496	14.80	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	13.488	16.06	PASS
42(3450-3550)	15MHz	64QAM	43015	75RB#0	13.481	15.37	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	17.944	20.57	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	17.990	20.84	PASS
42(3450-3550)	20MHz	64QAM	42190	100RB#0	17.962	19.78	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.944	21.23	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	17.960	20.06	PASS
42(3450-3550)	20MHz	64QAM	42590	100RB#0	18.015	20.53	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.969	20.70	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	17.959	20.52	PASS
42(3450-3550)	20MHz	64QAM	42990	100RB#0	17.960	19.89	PASS

Test Graphs

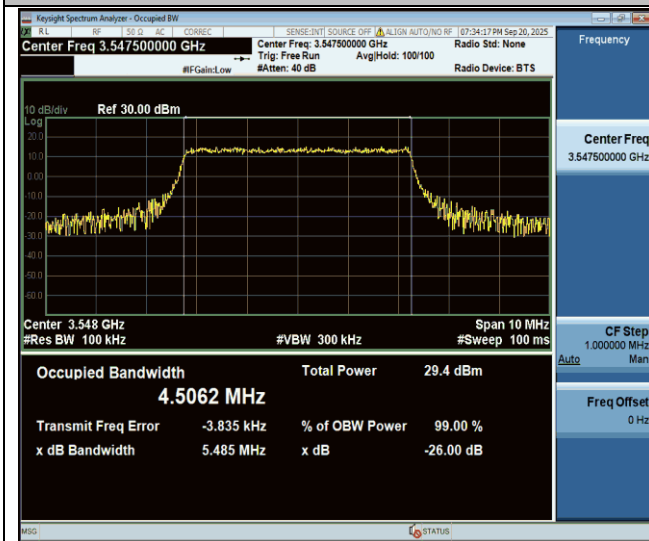




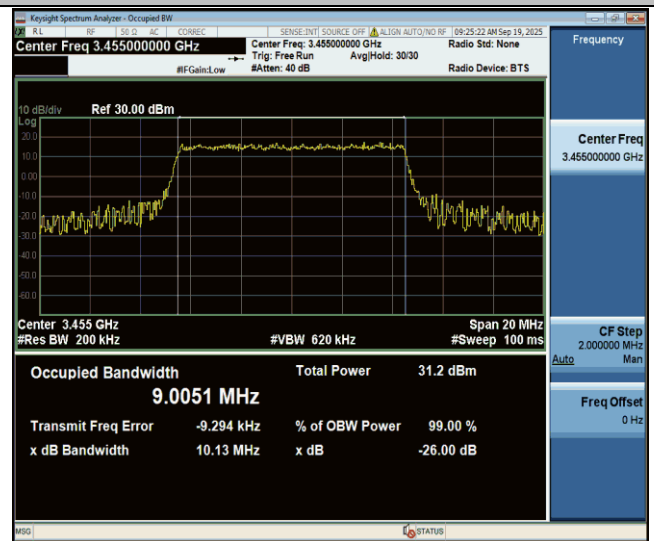
42(3450-3550)-5MHz-QPSK-43065-25RB#0-PASS



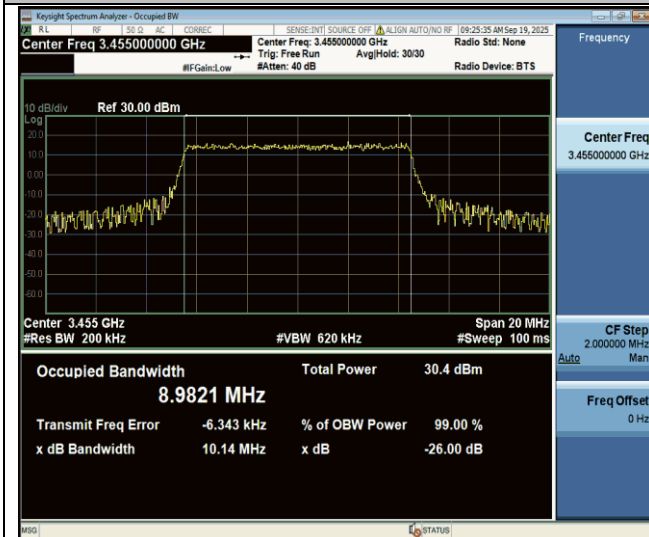
42(3450-3550)-5MHz-16QAM-43065-25RB#0-PASS



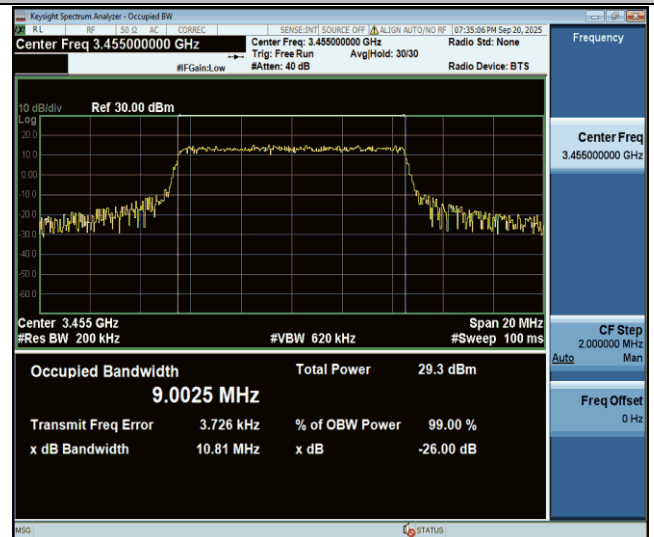
42(3450-3550)-5MHz-64QAM-43065-25RB#0-PASS



42(3450-3550)-10MHz-QPSK-42140-50RB#0-PASS



42(3450-3550)-10MHz-16QAM-42140-50RB#0-PASS



42(3450-3550)-10MHz-64QAM-42140-50RB#0-PASS



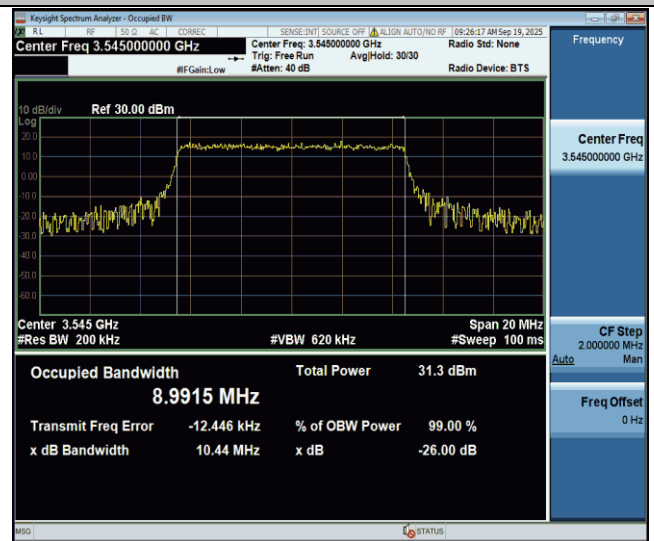
42(3450-3550)-10MHz-QPSK-42590-50RB#0-PASS



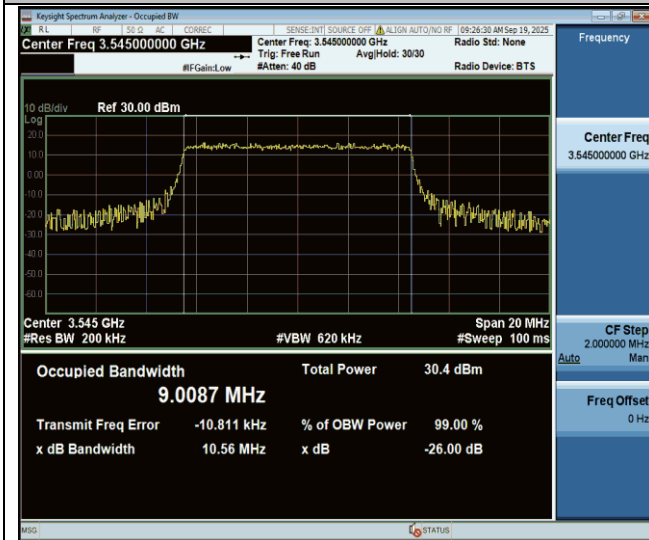
42(3450-3550)-10MHz-16QAM-42590-50RB#0-PASS



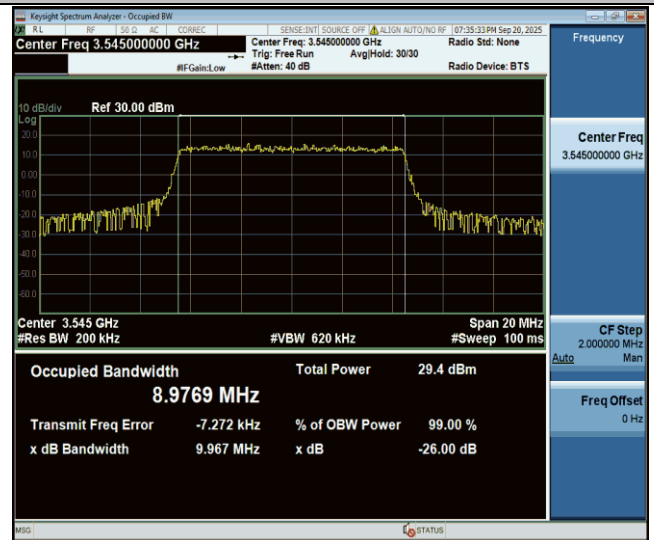
42(3450-3550)-10MHz-64QAM-42590-50RB#0-PASS



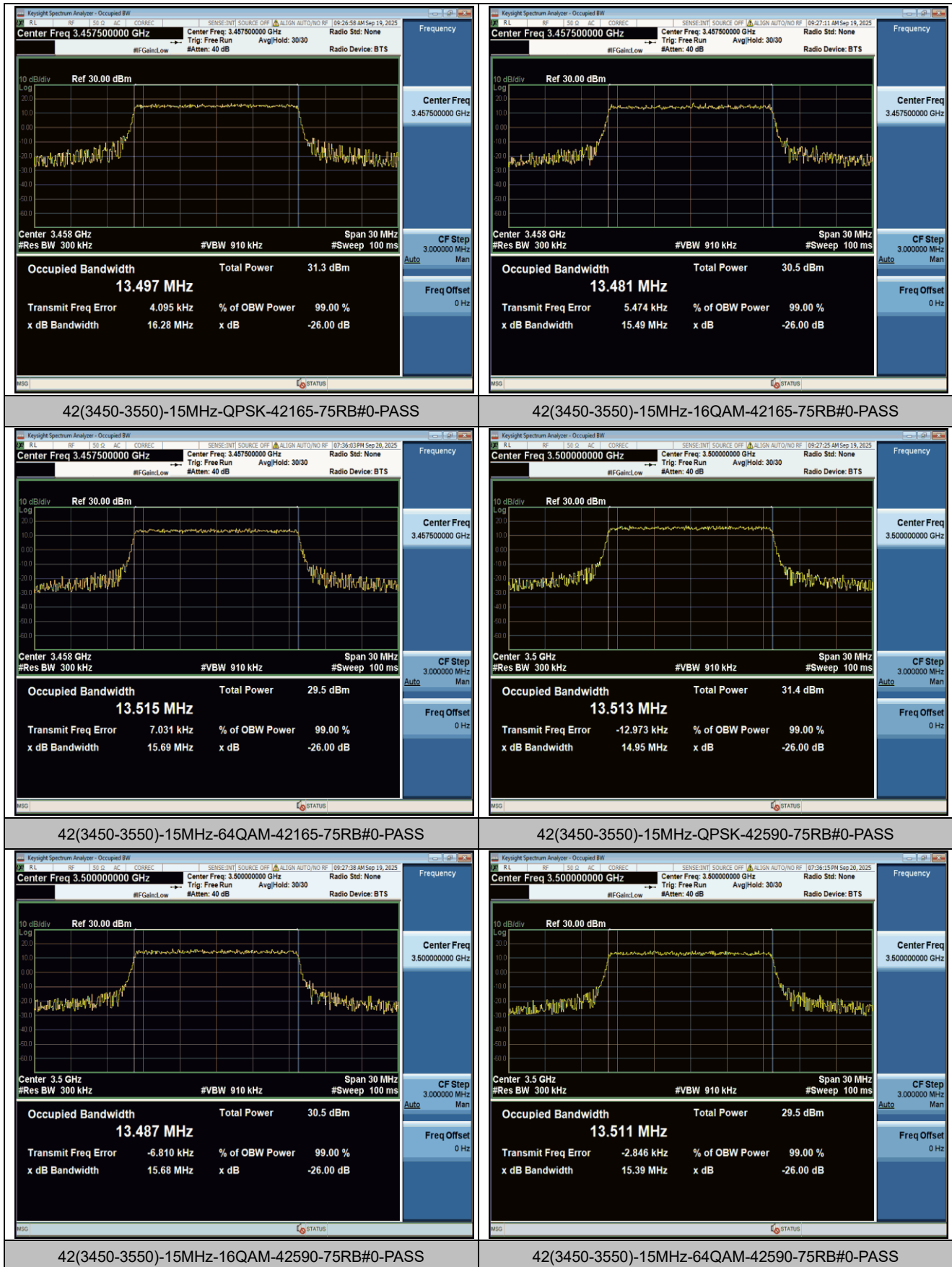
42(3450-3550)-10MHz-QPSK-43040-50RB#0-PASS

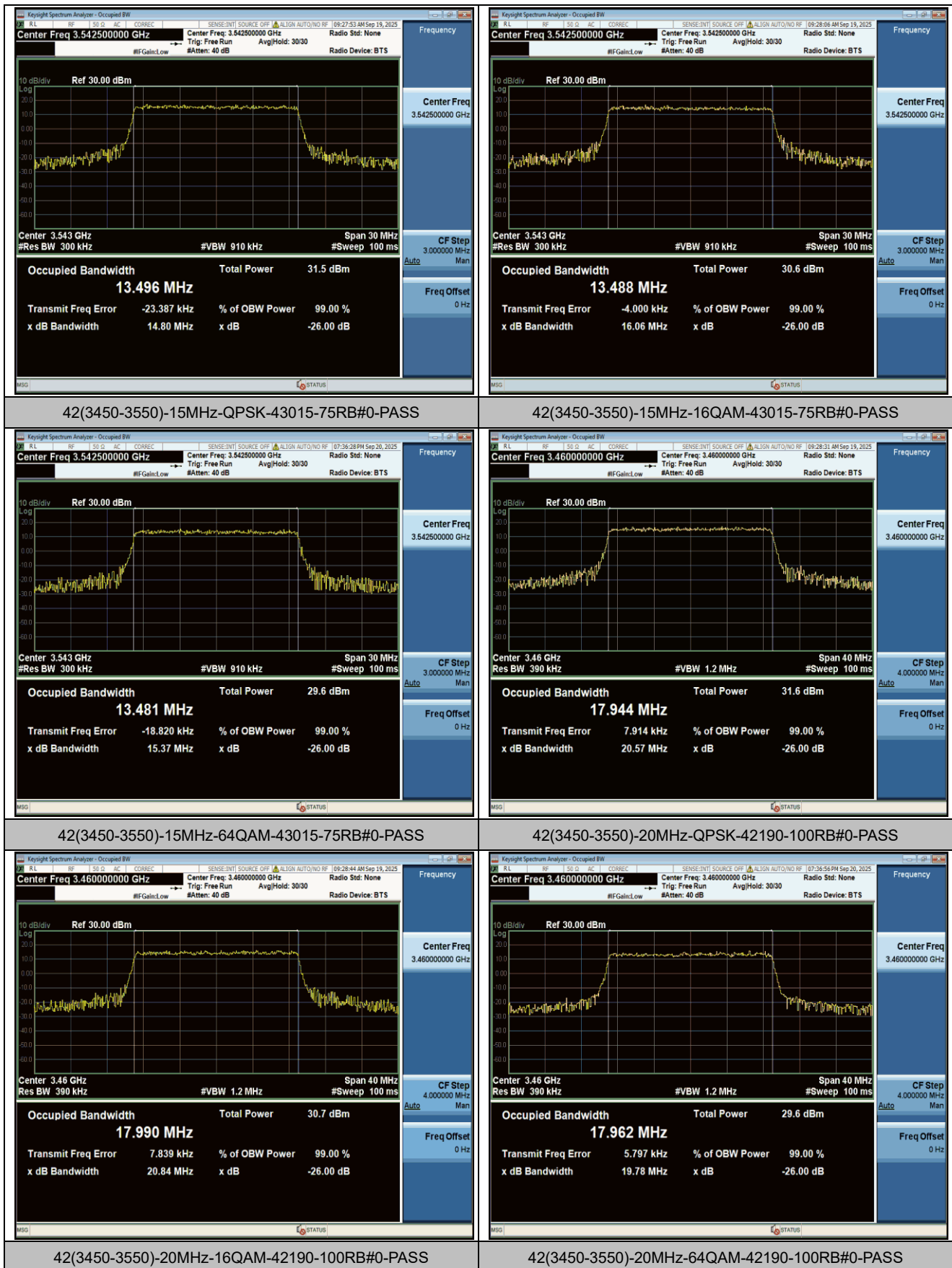


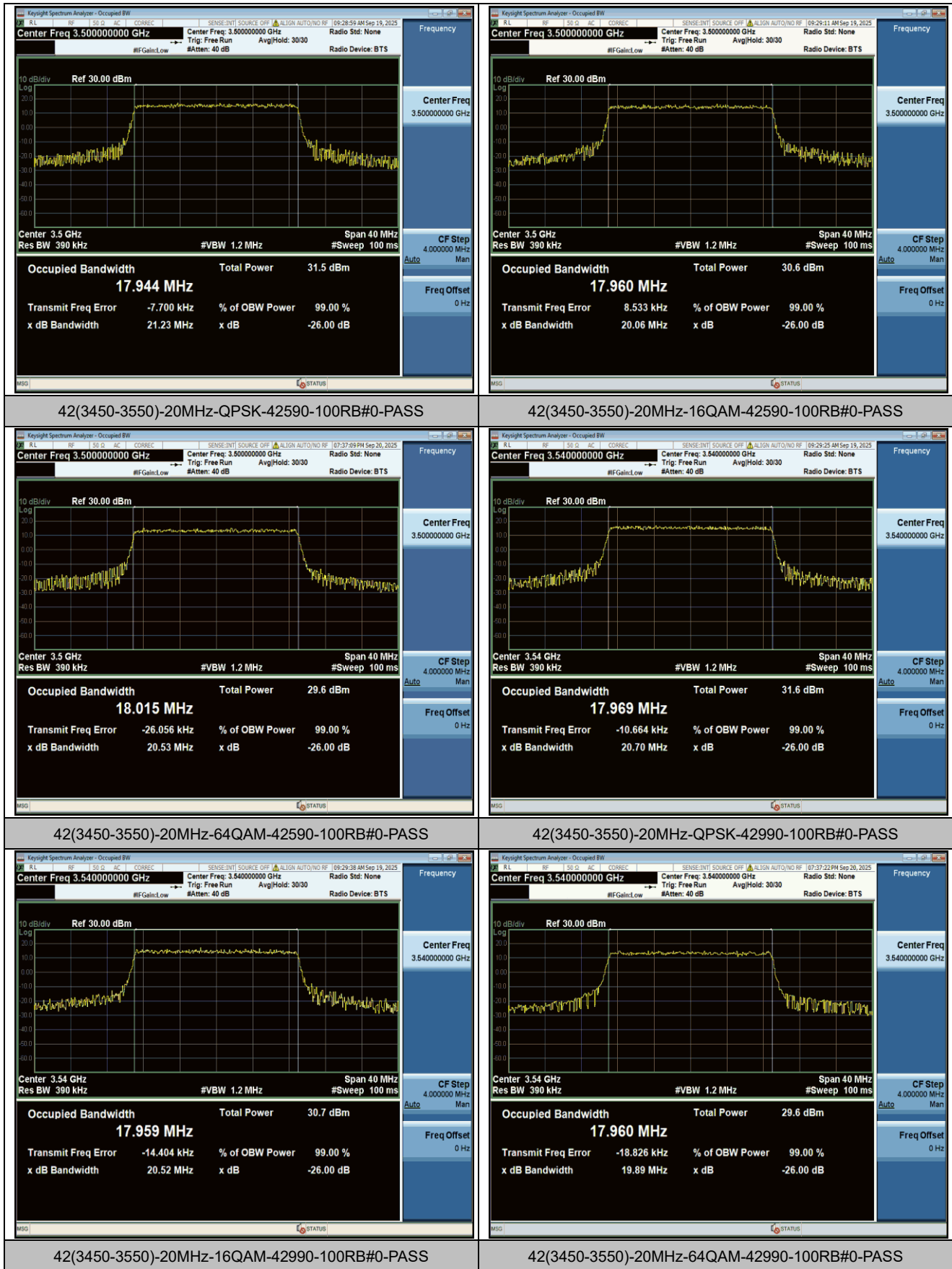
42(3450-3550)-10MHz-16QAM-43040-50RB#0-PASS



42(3450-3550)-10MHz-64QAM-43040-50RB#0-PASS

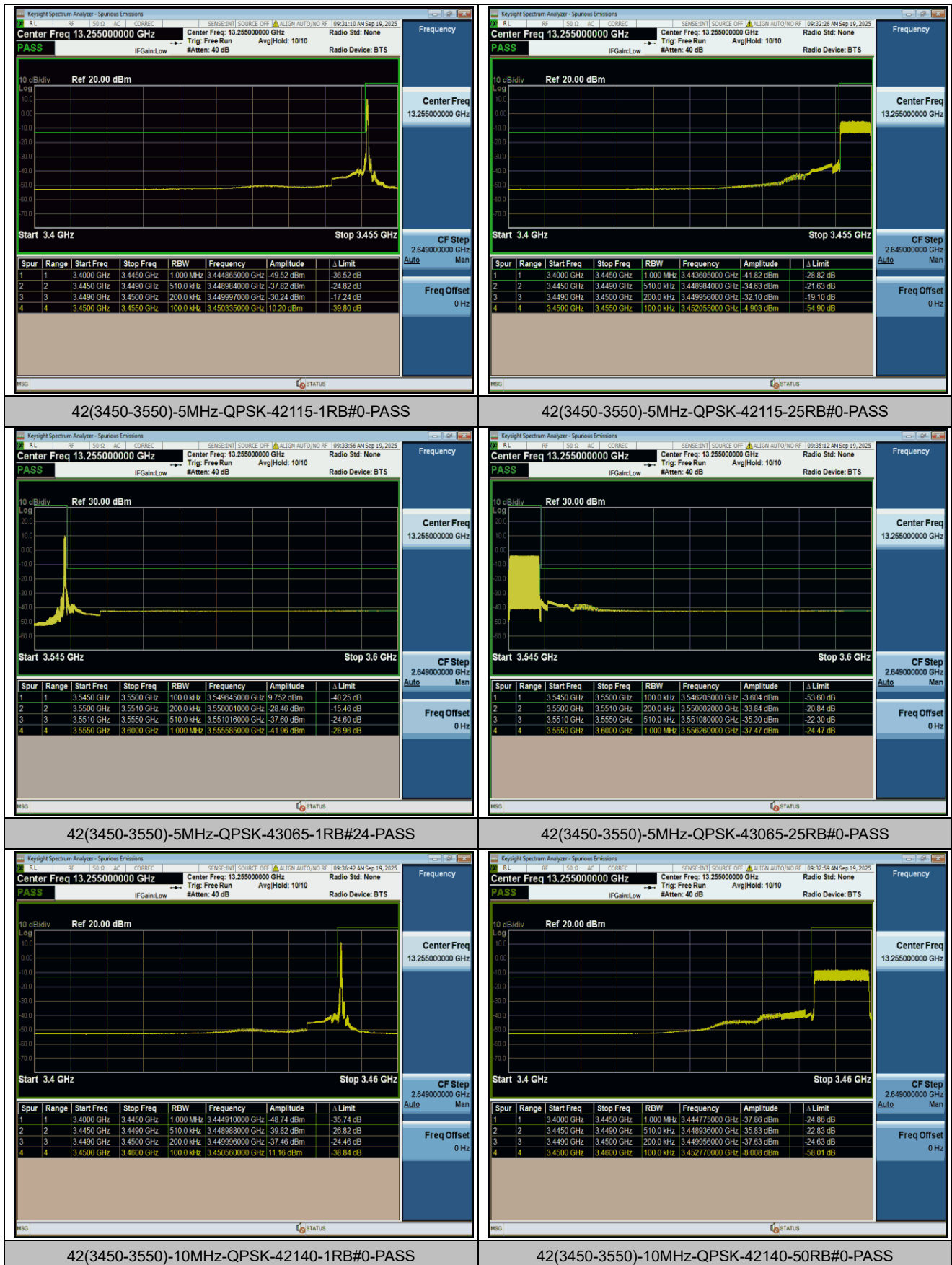


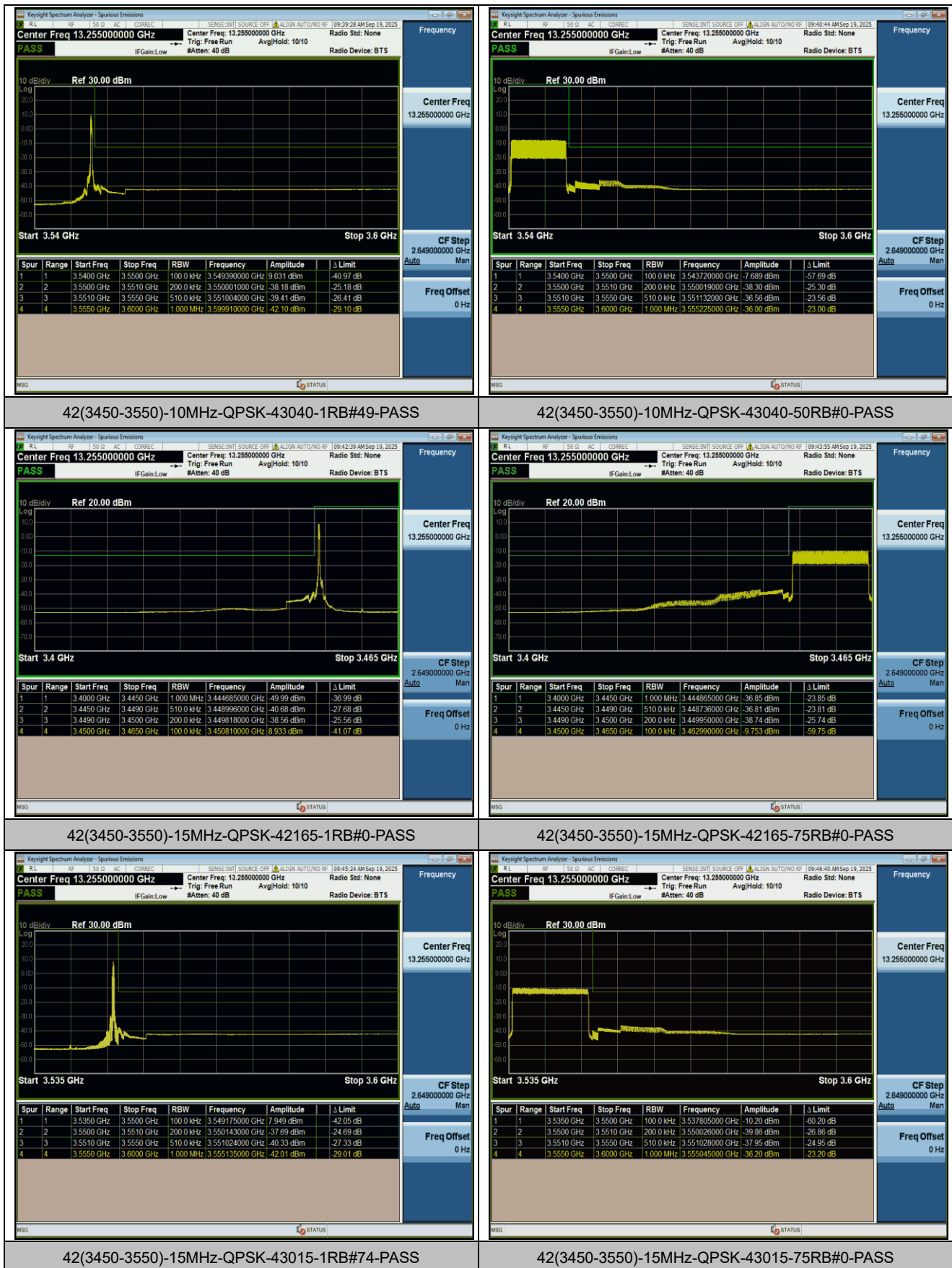


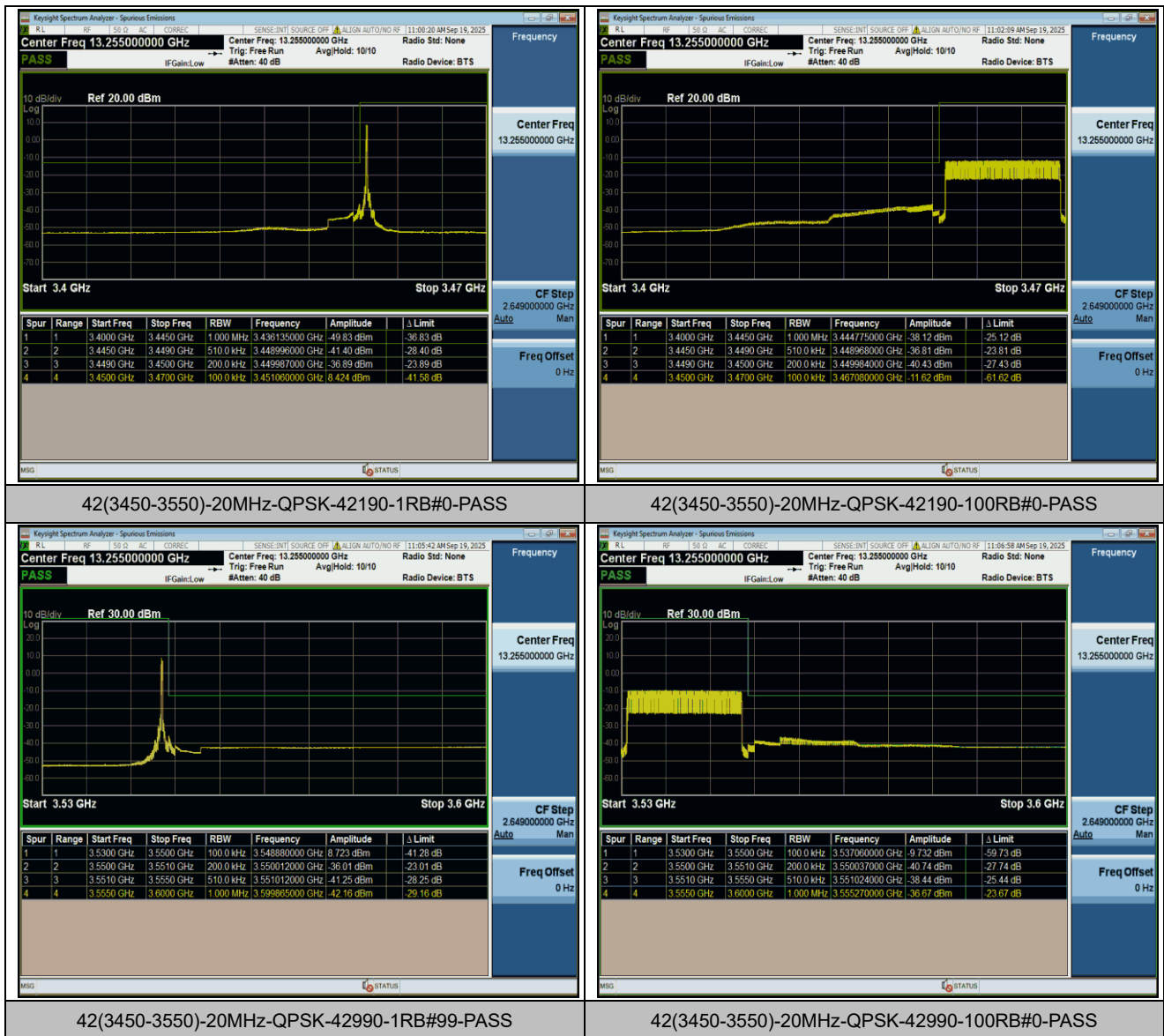


Band Edge

Test Graphs

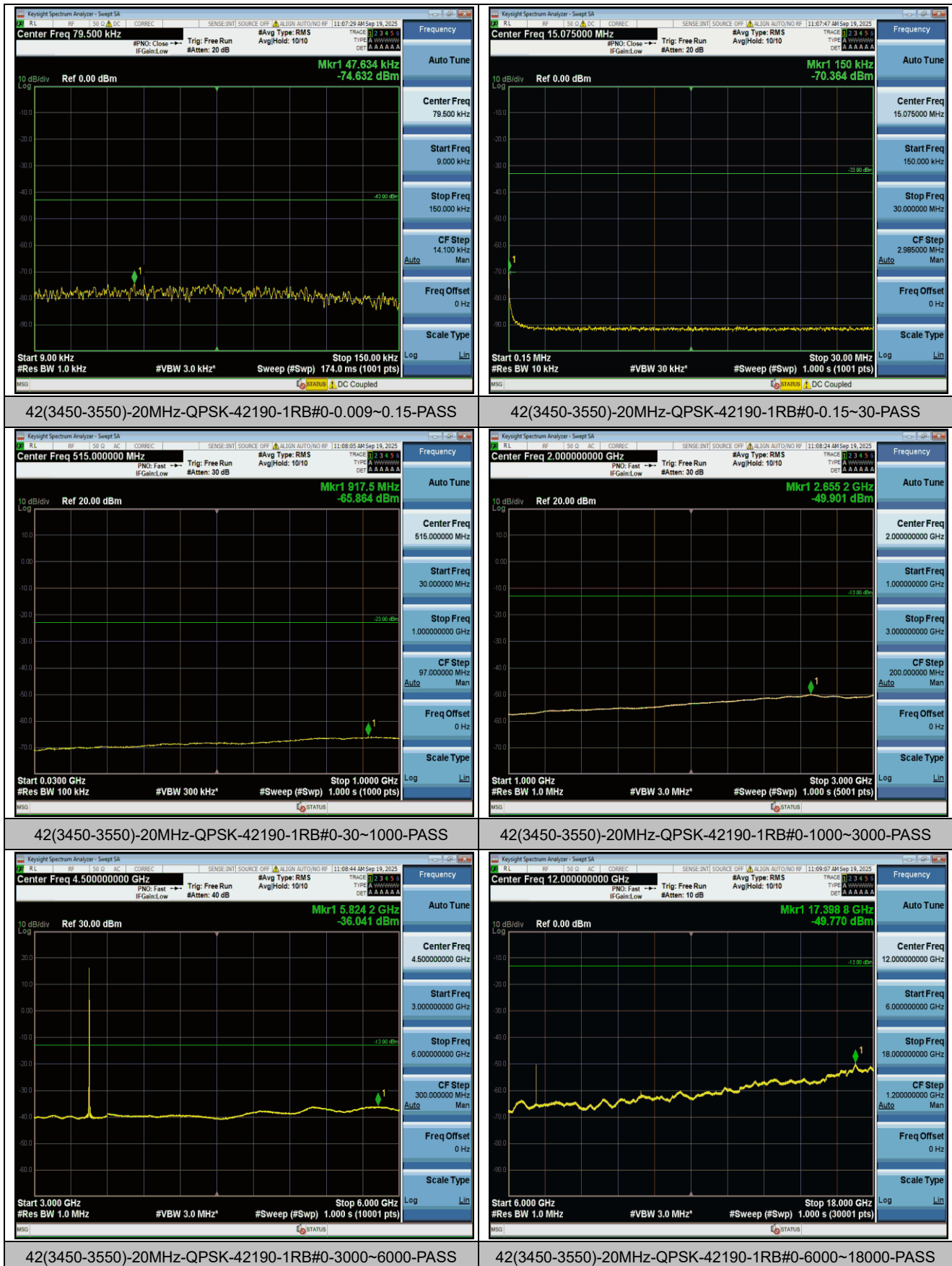


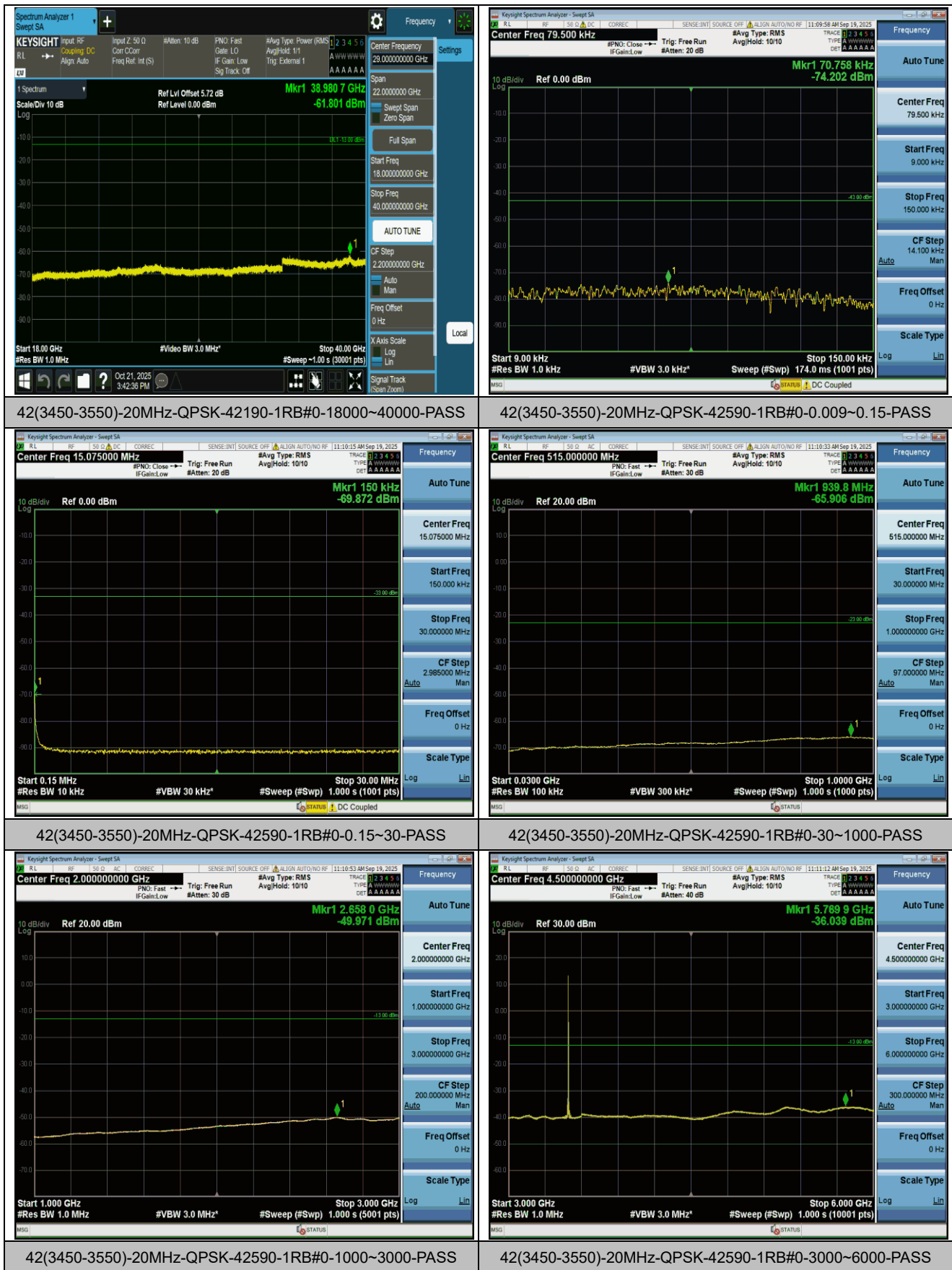




Conducted Spurious Emission

Test Graphs



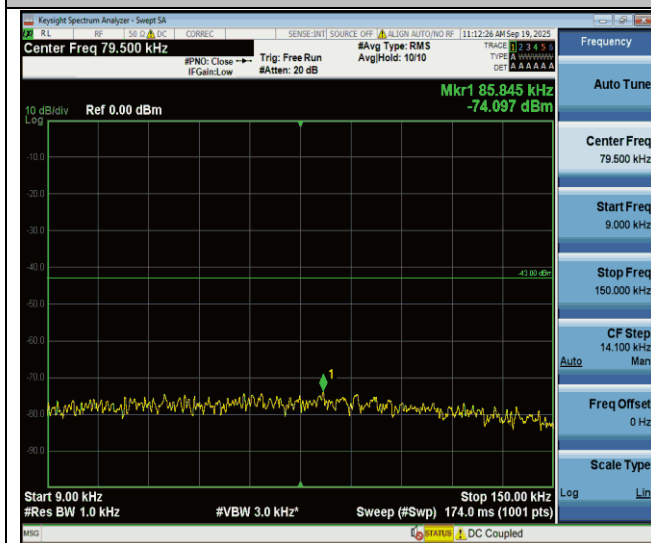




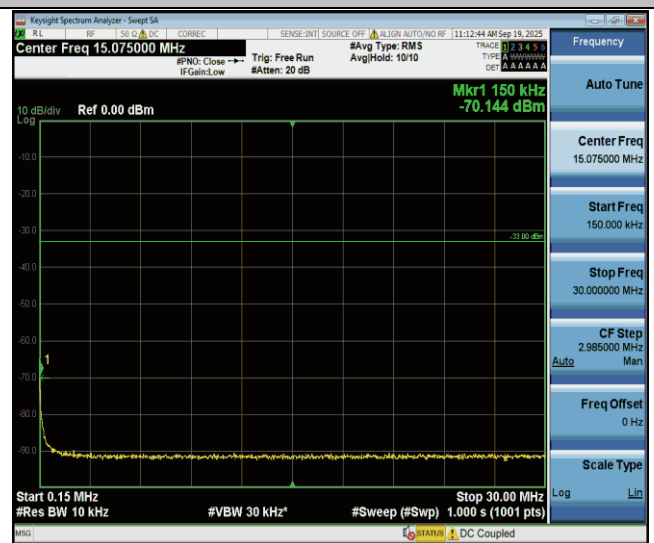
42(3450-3550)-20MHz-QPSK-42590-1RB#0-6000~18000-PASS



42(3450-3550)-20MHz-QPSK-42590-1RB#0-18000~40000-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-0.009~0.15-PASS



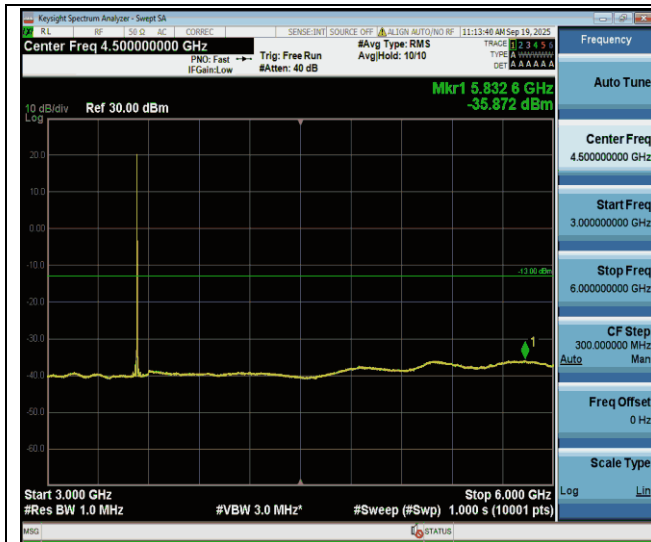
42(3450-3550)-20MHz-QPSK-42990-1RB#0-0.15~30-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-30~1000-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-1000~3000-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-3000~6000-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-6000~18000-PASS



42(3450-3550)-20MHz-QPSK-42990-1RB#0-18000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VN	NT	2.40	0.000686	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VL	NT	2.40	0.000686	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VH	NT	0.60	0.000171	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-30	1.20	0.000343	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-20	3.30	0.000943	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-10	0.30	0.000086	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	0	-0.20	-0.000057	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	10	0.20	0.000057	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	20	0.50	0.000143	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	30	1.10	0.000314	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	40	1.30	0.000371	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	50	1.30	0.000371	PASS

~The End~