

Appendix-A LTE Band 42(3450-3550)

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	1RB#0	16.76	20.26	30	PASS
Band42(3450-3550)	5MHz	QPSK	42115	1RB#12	16.81	20.31	30	PASS
Band42(3450-3550)	5MHz	QPSK	42115	1RB#24	16.77	20.27	30	PASS
Band42(3450-3550)	5MHz	16QAM	42115	1RB#0	16.63	20.13	30	PASS
Band42(3450-3550)	5MHz	16QAM	42115	1RB#12	16.3	19.8	30	PASS
Band42(3450-3550)	5MHz	16QAM	42115	1RB#24	16.53	20.03	30	PASS
Band42(3450-3550)	5MHz	64QAM	42115	1RB#0	15.12	18.62	30	PASS
Band42(3450-3550)	5MHz	64QAM	42115	1RB#12	15.4	18.9	30	PASS
Band42(3450-3550)	5MHz	64QAM	42115	1RB#24	15.51	19.01	30	PASS
Band42(3450-3550)	5MHz	256QAM	42115	1RB#0	12.32	15.82	30	PASS
Band42(3450-3550)	5MHz	256QAM	42115	1RB#12	12.38	15.88	30	PASS
Band42(3450-3550)	5MHz	256QAM	42115	1RB#24	12.36	15.86	30	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#0	16.75	20.25	30	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#12	16.85	20.35	30	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#24	16.83	20.33	30	PASS
Band42(3450-3550)	5MHz	16QAM	42590	1RB#0	16.69	20.19	30	PASS
Band42(3450-3550)	5MHz	16QAM	42590	1RB#12	16.36	19.86	30	PASS
Band42(3450-3550)	5MHz	16QAM	42590	1RB#24	16.66	20.16	30	PASS
Band42(3450-3550)	5MHz	64QAM	42590	1RB#0	15.45	18.95	30	PASS
Band42(3450-3550)	5MHz	64QAM	42590	1RB#12	15.44	18.94	30	PASS
Band42(3450-3550)	5MHz	64QAM	42590	1RB#24	15.36	18.86	30	PASS
Band42(3450-3550)	5MHz	256QAM	42590	1RB#0	12.34	15.84	30	PASS
Band42(3450-3550)	5MHz	256QAM	42590	1RB#12	12.42	15.92	30	PASS
Band42(3450-3550)	5MHz	256QAM	42590	1RB#24	12.45	15.95	30	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#0	16.81	20.31	30	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#12	16.89	20.39	30	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#24	16.88	20.38	30	PASS
Band42(3450-3550)	5MHz	16QAM	43065	1RB#0	16.51	20.01	30	PASS
Band42(3450-3550)	5MHz	16QAM	43065	1RB#12	16.68	20.18	30	PASS
Band42(3450-3550)	5MHz	16QAM	43065	1RB#24	16.79	20.29	30	PASS
Band42(3450-3550)	5MHz	64QAM	43065	1RB#0	15.49	18.99	30	PASS
Band42(3450-3550)	5MHz	64QAM	43065	1RB#12	15.65	19.15	30	PASS
Band42(3450-3550)	5MHz	64QAM	43065	1RB#24	15.44	18.94	30	PASS
Band42(3450-3550)	5MHz	256QAM	43065	1RB#0	12.46	15.96	30	PASS
Band42(3450-3550)	5MHz	256QAM	43065	1RB#12	12.45	15.95	30	PASS
Band42(3450-3550)	5MHz	256QAM	43065	1RB#24	12.48	15.98	30	PASS

Band42(3450-3550)	10MHz	QPSK	42140	1RB#0	16.78	20.28	30	PASS
Band42(3450-3550)	10MHz	QPSK	42140	1RB#24	16.80	20.3	30	PASS
Band42(3450-3550)	10MHz	QPSK	42140	1RB#49	16.77	20.27	30	PASS
Band42(3450-3550)	10MHz	16QAM	42140	1RB#0	16.27	19.77	30	PASS
Band42(3450-3550)	10MHz	16QAM	42140	1RB#24	16.63	20.13	30	PASS
Band42(3450-3550)	10MHz	16QAM	42140	1RB#49	16.51	20.01	30	PASS
Band42(3450-3550)	10MHz	64QAM	42140	1RB#0	15.19	18.69	30	PASS
Band42(3450-3550)	10MHz	64QAM	42140	1RB#24	15.23	18.73	30	PASS
Band42(3450-3550)	10MHz	64QAM	42140	1RB#49	15.32	18.82	30	PASS
Band42(3450-3550)	10MHz	256QAM	42140	1RB#0	12.3	15.8	30	PASS
Band42(3450-3550)	10MHz	256QAM	42140	1RB#24	12.51	16.01	30	PASS
Band42(3450-3550)	10MHz	256QAM	42140	1RB#49	12.37	15.87	30	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#0	16.75	20.25	30	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#24	16.88	20.38	30	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#49	16.80	20.3	30	PASS
Band42(3450-3550)	10MHz	16QAM	42590	1RB#0	16.4	19.9	30	PASS
Band42(3450-3550)	10MHz	16QAM	42590	1RB#24	16.59	20.09	30	PASS
Band42(3450-3550)	10MHz	16QAM	42590	1RB#49	16.67	20.17	30	PASS
Band42(3450-3550)	10MHz	64QAM	42590	1RB#0	15.7	19.2	30	PASS
Band42(3450-3550)	10MHz	64QAM	42590	1RB#24	15.56	19.06	30	PASS
Band42(3450-3550)	10MHz	64QAM	42590	1RB#49	15.19	18.69	30	PASS
Band42(3450-3550)	10MHz	256QAM	42590	1RB#0	12.38	15.88	30	PASS
Band42(3450-3550)	10MHz	256QAM	42590	1RB#24	12.49	15.99	30	PASS
Band42(3450-3550)	10MHz	256QAM	42590	1RB#49	12.39	15.89	30	PASS
Band42(3450-3550)	10MHz	QPSK	43040	1RB#0	16.78	20.28	30	PASS
Band42(3450-3550)	10MHz	QPSK	43040	1RB#24	16.87	20.37	30	PASS
Band42(3450-3550)	10MHz	QPSK	43040	1RB#49	16.87	20.37	30	PASS
Band42(3450-3550)	10MHz	16QAM	43040	1RB#0	16.17	19.67	30	PASS
Band42(3450-3550)	10MHz	16QAM	43040	1RB#24	16.82	20.32	30	PASS
Band42(3450-3550)	10MHz	16QAM	43040	1RB#49	16.67	20.17	30	PASS
Band42(3450-3550)	10MHz	64QAM	43040	1RB#0	15.34	18.84	30	PASS
Band42(3450-3550)	10MHz	64QAM	43040	1RB#24	15.46	18.96	30	PASS
Band42(3450-3550)	10MHz	64QAM	43040	1RB#49	15.55	19.05	30	PASS
Band42(3450-3550)	10MHz	256QAM	43040	1RB#0	12.44	15.94	30	PASS
Band42(3450-3550)	10MHz	256QAM	43040	1RB#24	12.54	16.04	30	PASS
Band42(3450-3550)	10MHz	256QAM	43040	1RB#49	12.42	15.92	30	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#0	16.79	20.29	30	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#38	16.80	20.3	30	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#74	16.81	20.31	30	PASS
Band42(3450-3550)	15MHz	16QAM	42165	1RB#0	16.05	19.55	30	PASS
Band42(3450-3550)	15MHz	16QAM	42165	1RB#38	16.26	19.76	30	PASS
Band42(3450-3550)	15MHz	16QAM	42165	1RB#74	16	19.5	30	PASS
Band42(3450-3550)	15MHz	64QAM	42165	1RB#0	15.24	18.74	30	PASS
Band42(3450-3550)	15MHz	64QAM	42165	1RB#38	15.56	19.06	30	PASS
Band42(3450-3550)	15MHz	64QAM	42165	1RB#74	15.52	19.02	30	PASS

Band42(3450-3550)	15MHz	256QAM	42165	1RB#0	12.4	15.9	30	PASS
Band42(3450-3550)	15MHz	256QAM	42165	1RB#38	12.33	15.83	30	PASS
Band42(3450-3550)	15MHz	256QAM	42165	1RB#74	12.32	15.82	30	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#0	16.64	20.14	30	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#38	16.92	20.42	30	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#74	16.85	20.35	30	PASS
Band42(3450-3550)	15MHz	16QAM	42590	1RB#0	16.4	19.9	30	PASS
Band42(3450-3550)	15MHz	16QAM	42590	1RB#38	16.11	19.61	30	PASS
Band42(3450-3550)	15MHz	16QAM	42590	1RB#74	16.47	19.97	30	PASS
Band42(3450-3550)	15MHz	64QAM	42590	1RB#0	15.11	18.61	30	PASS
Band42(3450-3550)	15MHz	64QAM	42590	1RB#38	15.5	19	30	PASS
Band42(3450-3550)	15MHz	64QAM	42590	1RB#74	15.25	18.75	30	PASS
Band42(3450-3550)	15MHz	256QAM	42590	1RB#0	12.52	16.02	30	PASS
Band42(3450-3550)	15MHz	256QAM	42590	1RB#38	12.42	15.92	30	PASS
Band42(3450-3550)	15MHz	256QAM	42590	1RB#74	12.38	15.88	30	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#0	16.80	20.3	30	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#38	16.74	20.24	30	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#74	16.95	20.45	30	PASS
Band42(3450-3550)	15MHz	16QAM	43015	1RB#0	16.34	19.84	30	PASS
Band42(3450-3550)	15MHz	16QAM	43015	1RB#38	16.27	19.77	30	PASS
Band42(3450-3550)	15MHz	16QAM	43015	1RB#74	16.29	19.79	30	PASS
Band42(3450-3550)	15MHz	64QAM	43015	1RB#0	15.29	18.79	30	PASS
Band42(3450-3550)	15MHz	64QAM	43015	1RB#38	15.49	18.99	30	PASS
Band42(3450-3550)	15MHz	64QAM	43015	1RB#74	15.34	18.84	30	PASS
Band42(3450-3550)	15MHz	256QAM	43015	1RB#0	12.49	15.99	30	PASS
Band42(3450-3550)	15MHz	256QAM	43015	1RB#38	12.43	15.93	30	PASS
Band42(3450-3550)	15MHz	256QAM	43015	1RB#74	12.39	15.89	30	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#0	16.79	20.29	30	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#49	16.73	20.23	30	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#99	16.84	20.34	30	PASS
Band42(3450-3550)	20MHz	16QAM	42190	1RB#0	16.48	19.98	30	PASS
Band42(3450-3550)	20MHz	16QAM	42190	1RB#49	16.35	19.85	30	PASS
Band42(3450-3550)	20MHz	16QAM	42190	1RB#99	16.64	20.14	30	PASS
Band42(3450-3550)	20MHz	64QAM	42190	1RB#0	15.17	18.67	30	PASS
Band42(3450-3550)	20MHz	64QAM	42190	1RB#49	15.27	18.77	30	PASS
Band42(3450-3550)	20MHz	64QAM	42190	1RB#99	15.19	18.69	30	PASS
Band42(3450-3550)	20MHz	256QAM	42190	1RB#0	12.4	15.9	30	PASS
Band42(3450-3550)	20MHz	256QAM	42190	1RB#49	12.32	15.82	30	PASS
Band42(3450-3550)	20MHz	256QAM	42190	1RB#99	12.37	15.87	30	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#0	16.64	20.14	30	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#49	16.94	20.44	30	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#99	16.85	20.35	30	PASS
Band42(3450-3550)	20MHz	16QAM	42590	1RB#0	16.2	19.7	30	PASS
Band42(3450-3550)	20MHz	16QAM	42590	1RB#49	16.41	19.91	30	PASS
Band42(3450-3550)	20MHz	16QAM	42590	1RB#99	16.56	20.06	30	PASS

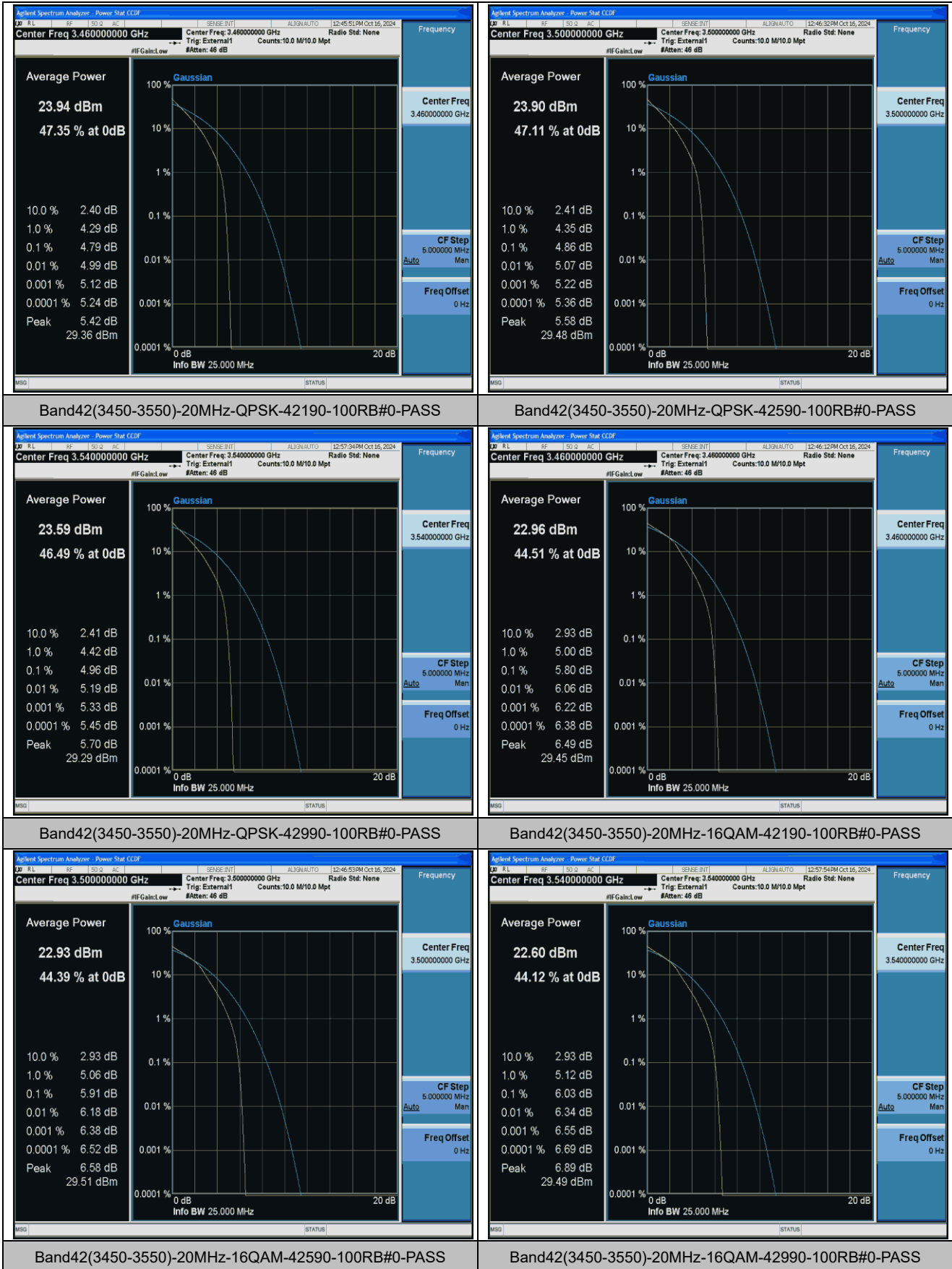
Band42(3450-3550)	20MHz	64QAM	42590	1RB#0	15.27	18.77	30	PASS
Band42(3450-3550)	20MHz	64QAM	42590	1RB#49	15.31	18.81	30	PASS
Band42(3450-3550)	20MHz	64QAM	42590	1RB#99	15.41	18.91	30	PASS
Band42(3450-3550)	20MHz	256QAM	42590	1RB#0	12.43	15.93	30	PASS
Band42(3450-3550)	20MHz	256QAM	42590	1RB#49	12.57	16.07	30	PASS
Band42(3450-3550)	20MHz	256QAM	42590	1RB#99	12.35	15.85	30	PASS
Band42(3450-3550)	20MHz	QPSK	42990	1RB#0	16.83	20.33	30	PASS
Band42(3450-3550)	20MHz	QPSK	42990	1RB#49	16.91	20.41	30	PASS
Band42(3450-3550)	20MHz	QPSK	42990	1RB#99	16.90	20.4	30	PASS
Band42(3450-3550)	20MHz	16QAM	42990	1RB#0	16.4	19.9	30	PASS
Band42(3450-3550)	20MHz	16QAM	42990	1RB#49	16.54	20.04	30	PASS
Band42(3450-3550)	20MHz	16QAM	42990	1RB#99	16.43	19.93	30	PASS
Band42(3450-3550)	20MHz	64QAM	42990	1RB#0	15.2	18.7	30	PASS
Band42(3450-3550)	20MHz	64QAM	42990	1RB#49	15.28	18.78	30	PASS
Band42(3450-3550)	20MHz	64QAM	42990	1RB#99	15.46	18.96	30	PASS
Band42(3450-3550)	20MHz	256QAM	42990	1RB#0	12.55	16.05	30	PASS
Band42(3450-3550)	20MHz	256QAM	42990	1RB#49	12.45	15.95	30	PASS
Band42(3450-3550)	20MHz	256QAM	42990	1RB#99	12.52	16.02	30	PASS

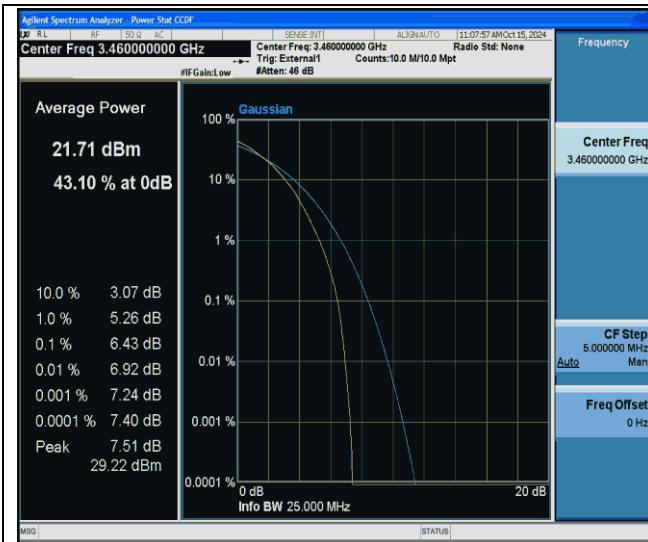
Peak-to-Average Ratio(CCDF)

Test Result

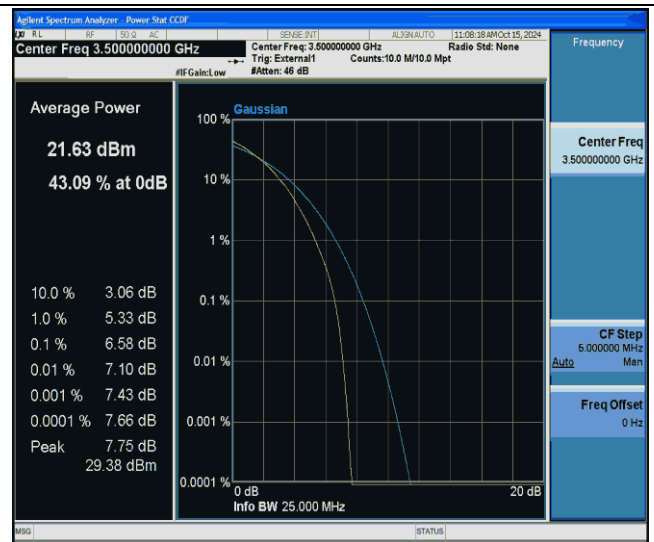
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	4.79	13	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	4.86	13	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	4.96	13	PASS
Band42(3450-3550)	20MHz	16QAM	42190	100RB#0	5.80	13	PASS
Band42(3450-3550)	20MHz	16QAM	42590	100RB#0	5.91	13	PASS
Band42(3450-3550)	20MHz	16QAM	42990	100RB#0	6.03	13	PASS
Band42(3450-3550)	20MHz	64QAM	42190	100RB#0	6.43	13	PASS
Band42(3450-3550)	20MHz	64QAM	42590	100RB#0	6.58	13	PASS
Band42(3450-3550)	20MHz	64QAM	42990	100RB#0	6.01	13	PASS
Band42(3450-3550)	20MHz	256QAM	42190	100RB#0	6.79	13	PASS
Band42(3450-3550)	20MHz	256QAM	42590	100RB#0	6.81	13	PASS
Band42(3450-3550)	20MHz	256QAM	42990	100RB#0	6.84	13	PASS

Test Graphs

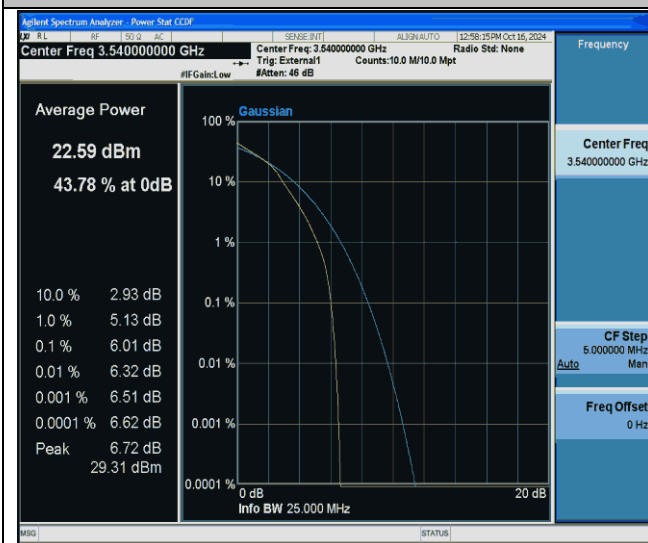




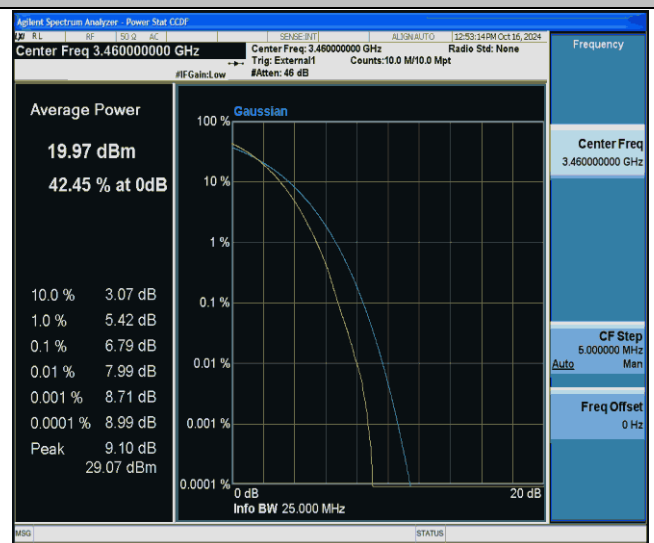
Band42(3450-3550)-20MHz-64QAM-42190-100RB#0-PASS



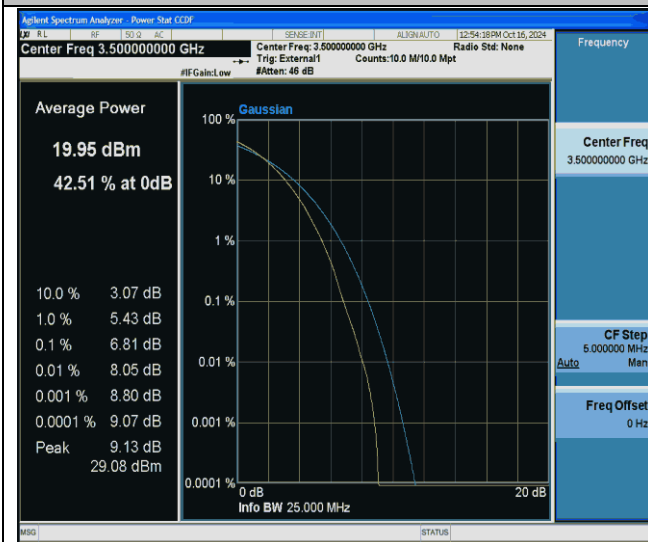
Band42(3450-3550)-20MHz-64QAM-42590-100RB#0-PASS



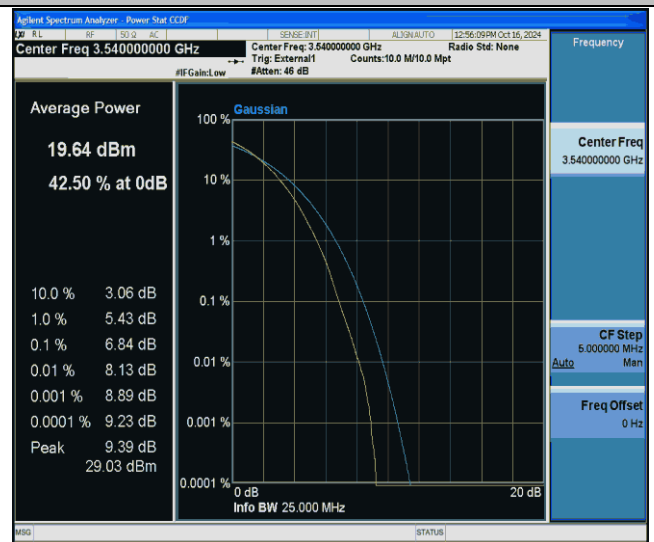
Band42(3450-3550)-20MHz-64QAM-42990-100RB#0-PASS



Band42(3450-3550)-20MHz-256QAM-42190-100RB#0-PASS



Band42(3450-3550)-20MHz-256QAM-42590-100RB#0-PASS



Band42(3450-3550)-20MHz-256QAM-42990-100RB#0-PASS

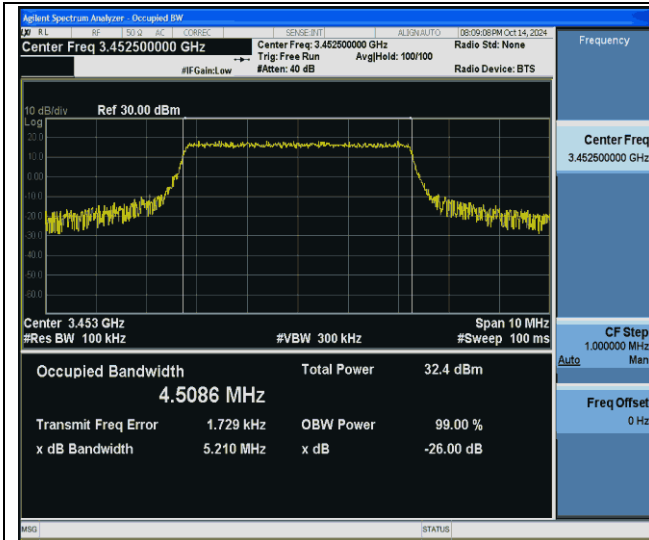
26dB Bandwidth and Occupied Bandwidth

Test Result

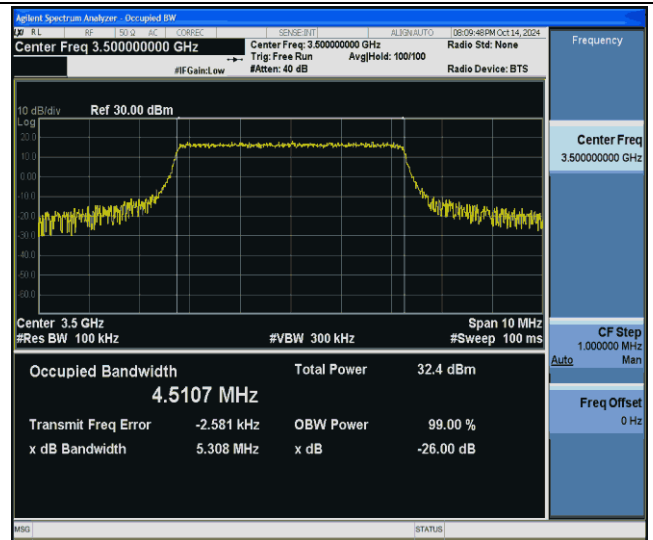
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	4.5086	5.210	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5107	5.308	PASS
Band42(3450-3550)	5MHz	QPSK	43065	25RB#0	4.5103	5.381	PASS
Band42(3450-3550)	5MHz	16QAM	42115	25RB#0	4.4992	5.110	PASS
Band42(3450-3550)	5MHz	16QAM	42590	25RB#0	4.5035	5.159	PASS
Band42(3450-3550)	5MHz	16QAM	43065	25RB#0	4.5023	5.293	PASS
Band42(3450-3550)	5MHz	64QAM	42115	25RB#0	4.5049	5.385	PASS
Band42(3450-3550)	5MHz	64QAM	42590	25RB#0	4.5114	5.181	PASS
Band42(3450-3550)	5MHz	64QAM	43065	25RB#0	4.5035	5.335	PASS
Band42(3450-3550)	5MHz	256QAM	42115	25RB#0	4.5086	5.217	PASS
Band42(3450-3550)	5MHz	256QAM	42590	25RB#0	4.5254	5.761	PASS
Band42(3450-3550)	5MHz	256QAM	43065	25RB#0	4.5032	5.177	PASS
Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	8.9854	10.14	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	9.0059	10.35	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9866	10.45	PASS
Band42(3450-3550)	10MHz	16QAM	42140	50RB#0	8.9933	11.01	PASS
Band42(3450-3550)	10MHz	16QAM	42590	50RB#0	9.0160	10.49	PASS
Band42(3450-3550)	10MHz	16QAM	43040	50RB#0	8.9944	10.38	PASS
Band42(3450-3550)	10MHz	64QAM	42140	50RB#0	9.0001	10.09	PASS
Band42(3450-3550)	10MHz	64QAM	42590	50RB#0	9.0339	10.28	PASS
Band42(3450-3550)	10MHz	64QAM	43040	50RB#0	8.9891	10.12	PASS
Band42(3450-3550)	10MHz	256QAM	42140	50RB#0	9.0329	10.33	PASS
Band42(3450-3550)	10MHz	256QAM	42590	50RB#0	9.0535	10.68	PASS
Band42(3450-3550)	10MHz	256QAM	43040	50RB#0	9.0299	10.48	PASS
Band42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.457	15.24	PASS
Band42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.507	15.05	PASS
Band42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.458	15.27	PASS
Band42(3450-3550)	15MHz	16QAM	42165	75RB#0	13.491	15.03	PASS
Band42(3450-3550)	15MHz	16QAM	42590	75RB#0	13.489	15.23	PASS
Band42(3450-3550)	15MHz	16QAM	43015	75RB#0	13.496	15.13	PASS
Band42(3450-3550)	15MHz	64QAM	42165	75RB#0	13.490	14.86	PASS
Band42(3450-3550)	15MHz	64QAM	42590	75RB#0	13.493	15.32	PASS
Band42(3450-3550)	15MHz	64QAM	43015	75RB#0	13.494	15.34	PASS
Band42(3450-3550)	15MHz	256QAM	42165	75RB#0	13.517	15.13	PASS
Band42(3450-3550)	15MHz	256QAM	42590	75RB#0	13.508	15.12	PASS
Band42(3450-3550)	15MHz	256QAM	43015	75RB#0	13.507	15.13	PASS
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	18.008	19.78	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.981	19.95	PASS

Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.964	19.86	PASS
Band42(3450-3550)	20MHz	16QAM	42190	100RB#0	18.000	20.13	PASS
Band42(3450-3550)	20MHz	16QAM	42590	100RB#0	17.954	20.04	PASS
Band42(3450-3550)	20MHz	16QAM	42990	100RB#0	17.946	19.78	PASS
Band42(3450-3550)	20MHz	64QAM	42190	100RB#0	17.995	20.07	PASS
Band42(3450-3550)	20MHz	64QAM	42590	100RB#0	17.986	20.33	PASS
Band42(3450-3550)	20MHz	64QAM	42990	100RB#0	18.047	19.95	PASS
Band42(3450-3550)	20MHz	256QAM	42190	100RB#0	17.973	19.87	PASS
Band42(3450-3550)	20MHz	256QAM	42590	100RB#0	17.996	19.87	PASS
Band42(3450-3550)	20MHz	256QAM	42990	100RB#0	18.012	19.90	PASS

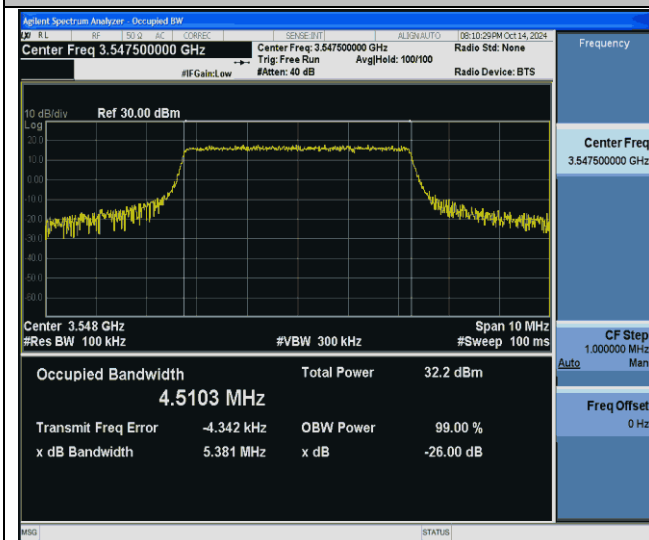
Test Graphs



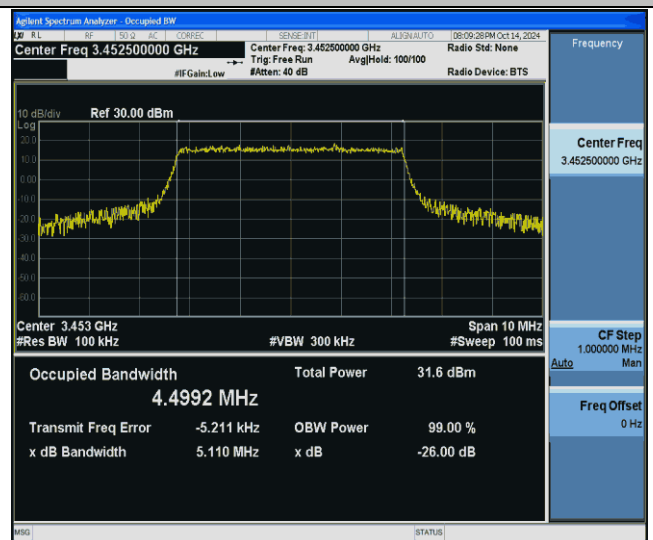
Band42(3450-3550)-5MHz-QPSK-42115-25RB#0-PASS



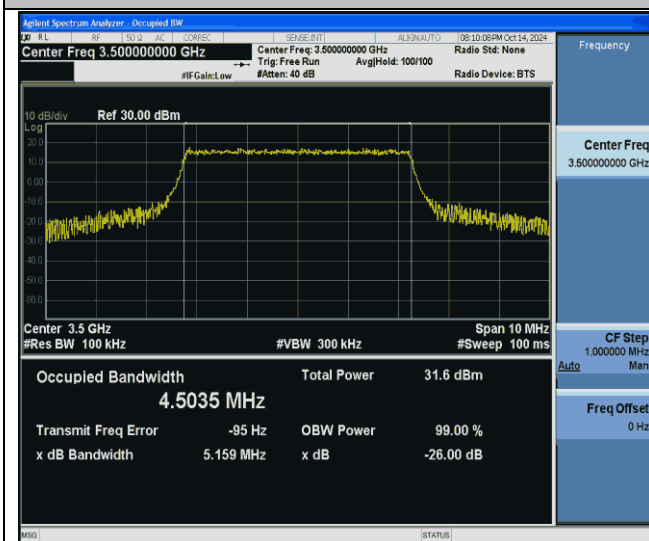
Band42(3450-3550)-5MHz-QPSK-42590-25RB#0-PASS



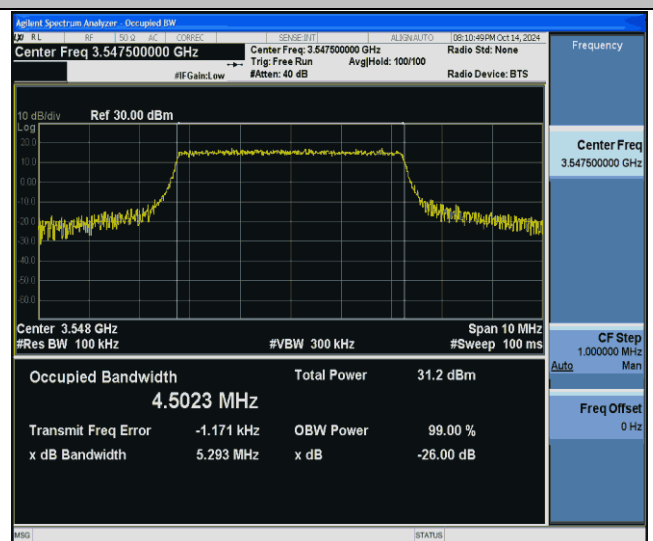
Band42(3450-3550)-5MHz-QPSK-43065-25RB#0-PASS



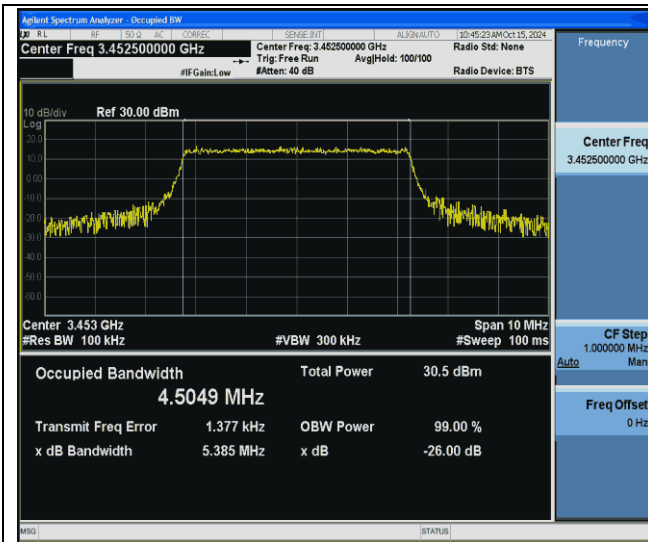
Band42(3450-3550)-5MHz-16QAM-42115-25RB#0-PASS



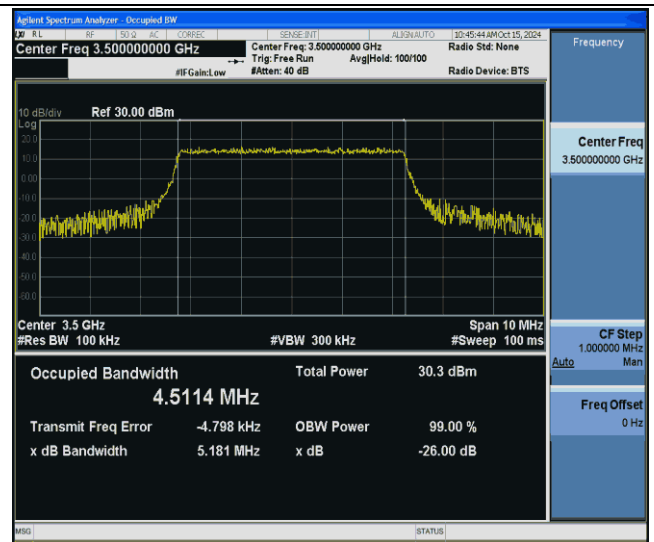
Band42(3450-3550)-5MHz-16QAM-42590-25RB#0-PASS



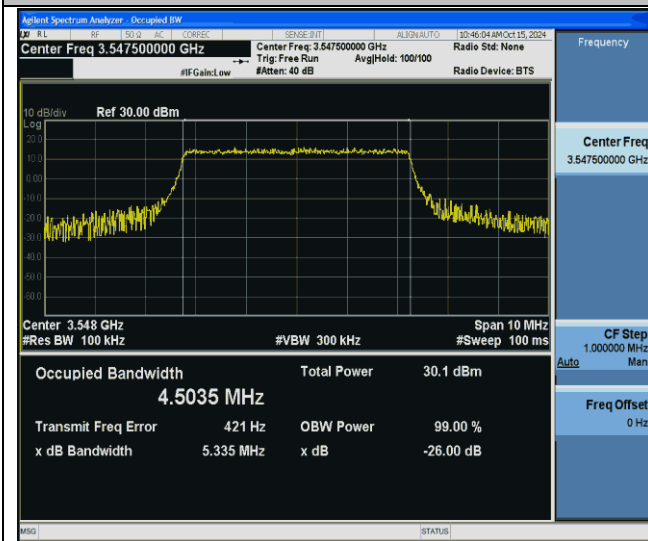
Band42(3450-3550)-5MHz-16QAM-43065-25RB#0-PASS



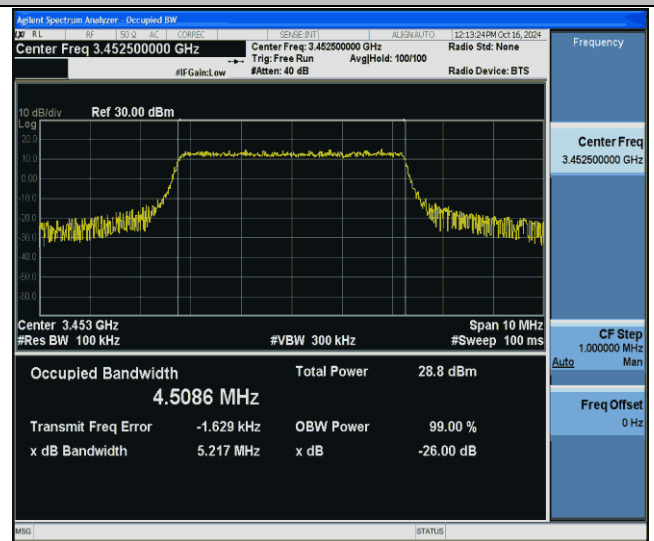
Band42(3450-3550)-5MHz-64QAM-42115-25RB#0-PASS



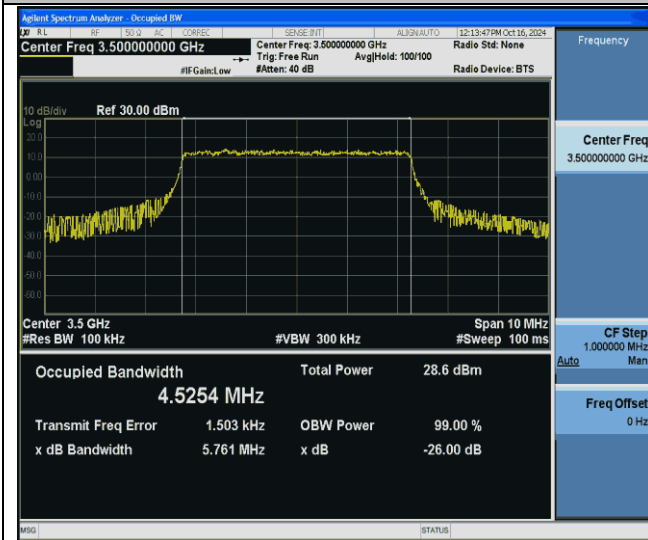
Band42(3450-3550)-5MHz-64QAM-42590-25RB#0-PASS



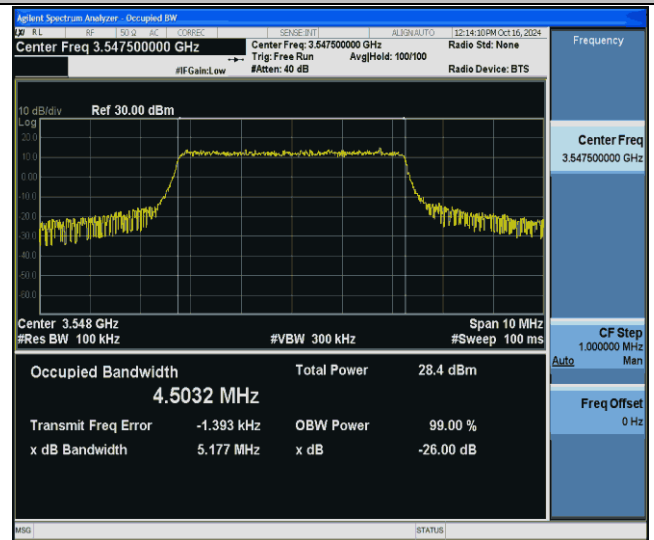
Band42(3450-3550)-5MHz-64QAM-43065-25RB#0-PASS



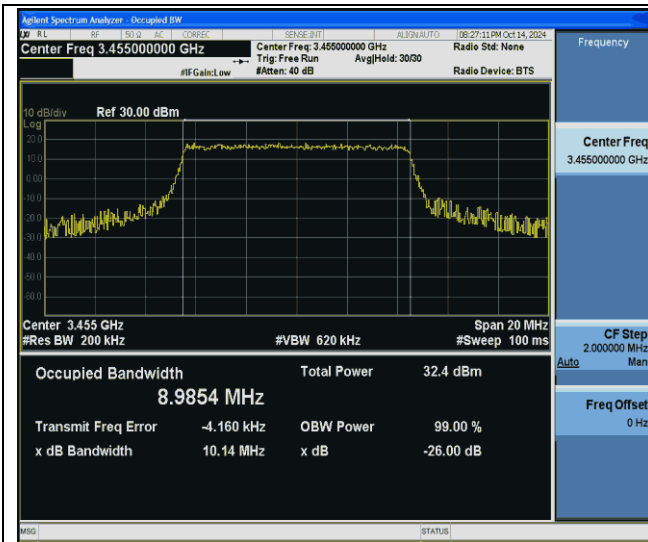
Band42(3450-3550)-5MHz-256QAM-42115-25RB#0-PASS



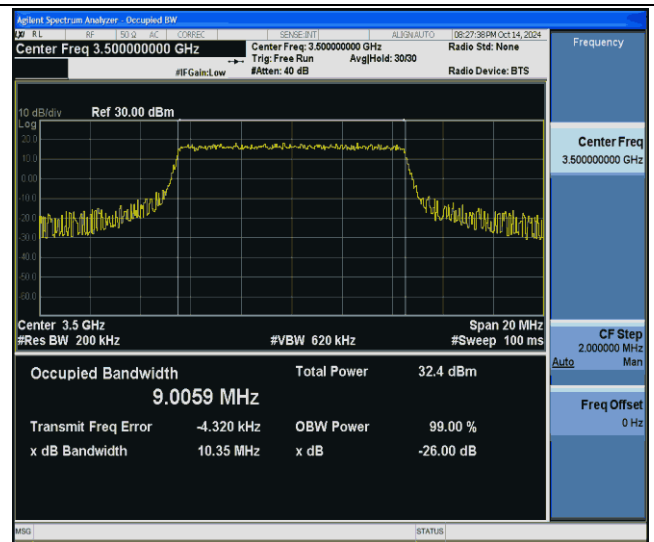
Band42(3450-3550)-5MHz-256QAM-42590-25RB#0-PASS



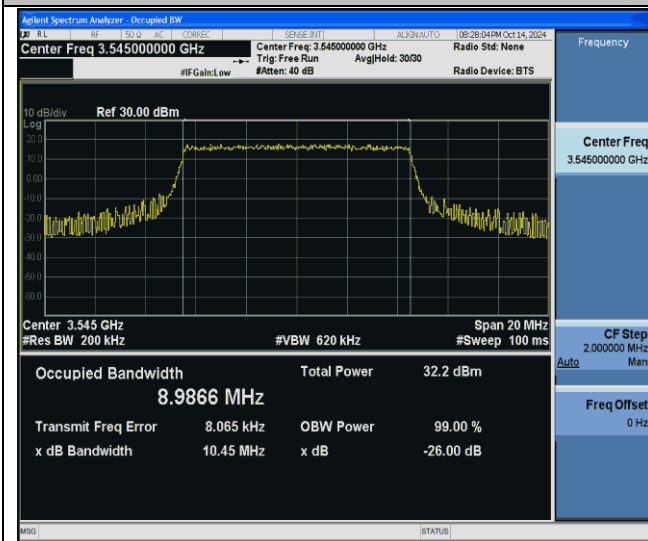
Band42(3450-3550)-5MHz-256QAM-43065-25RB#0-PASS



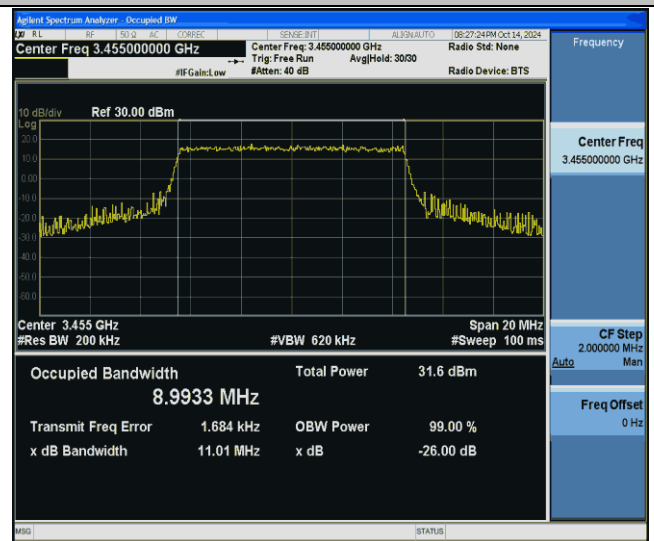
Band42(3450-3550)-10MHz-QPSK-42140-50RB#0-PASS



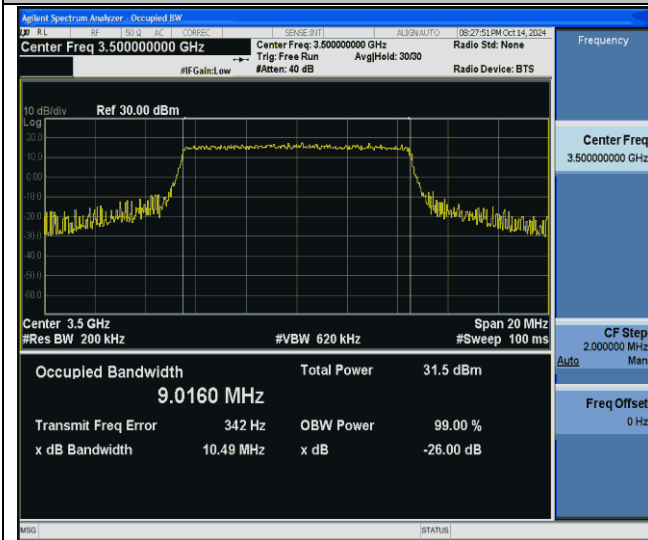
Band42(3450-3550)-10MHz-QPSK-42590-50RB#0-PASS



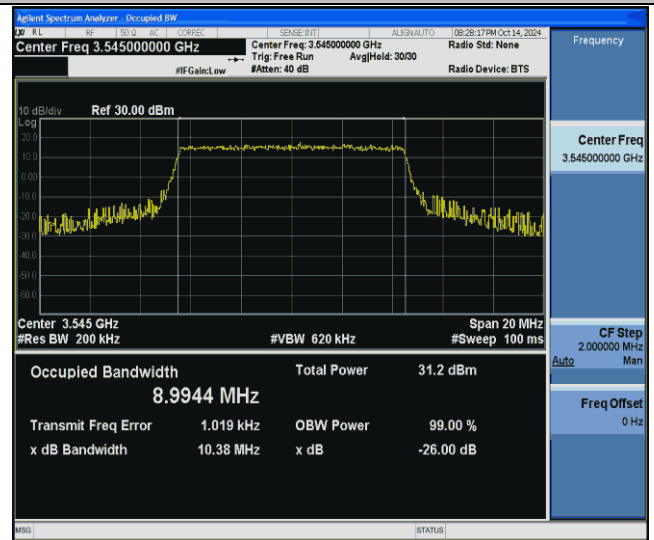
Band42(3450-3550)-10MHz-QPSK-43040-50RB#0-PASS



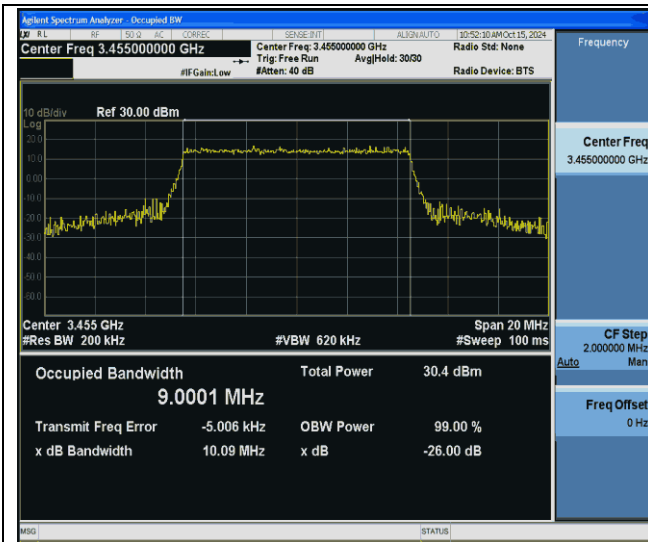
Band42(3450-3550)-10MHz-16QAM-42140-50RB#0-PASS



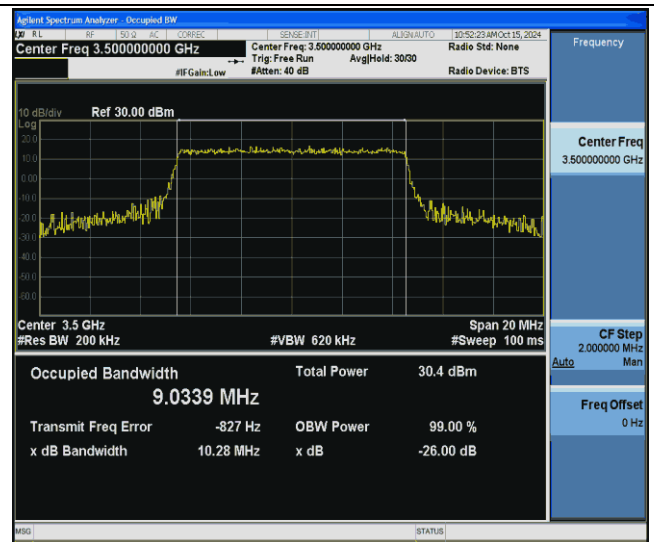
Band42(3450-3550)-10MHz-16QAM-42590-50RB#0-PASS



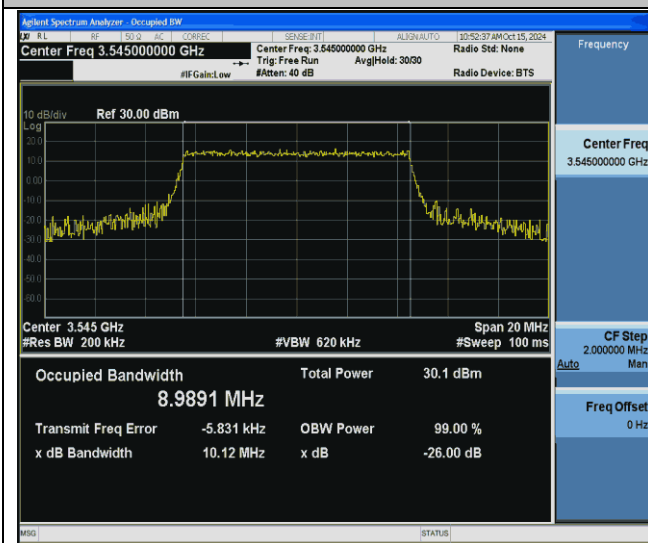
Band42(3450-3550)-10MHz-16QAM-43040-50RB#0-PASS



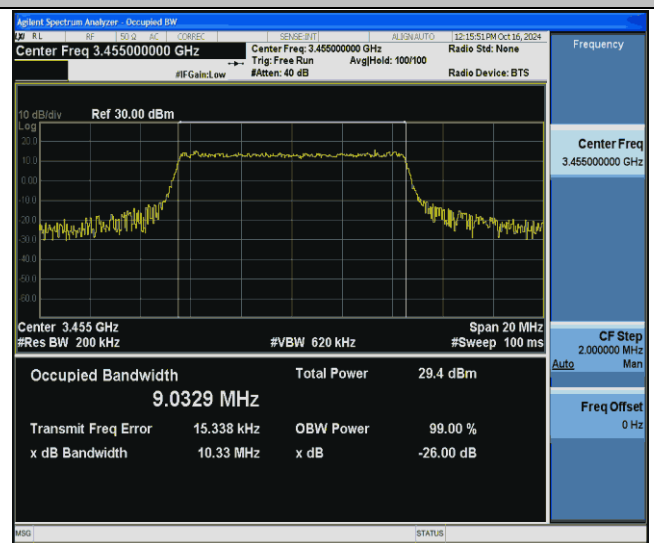
Band42(3450-3550)-10MHz-64QAM-42140-50RB#0-PASS



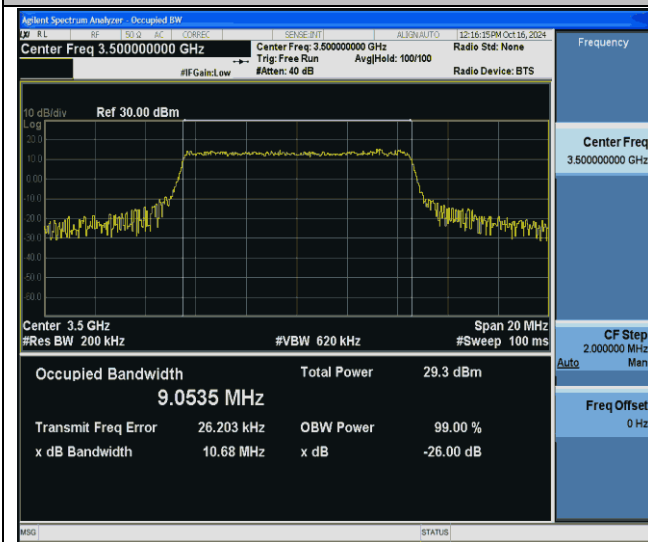
Band42(3450-3550)-10MHz-64QAM-42590-50RB#0-PASS



Band42(3450-3550)-10MHz-64QAM-43040-50RB#0-PASS



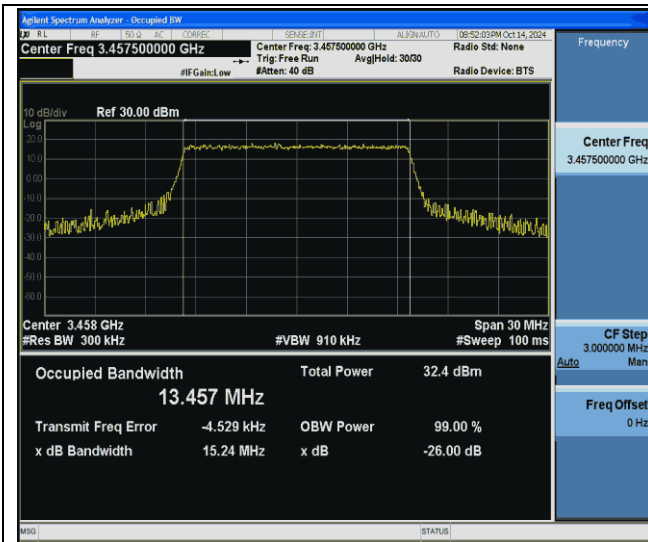
Band42(3450-3550)-10MHz-256QAM-42140-50RB#0-PASS



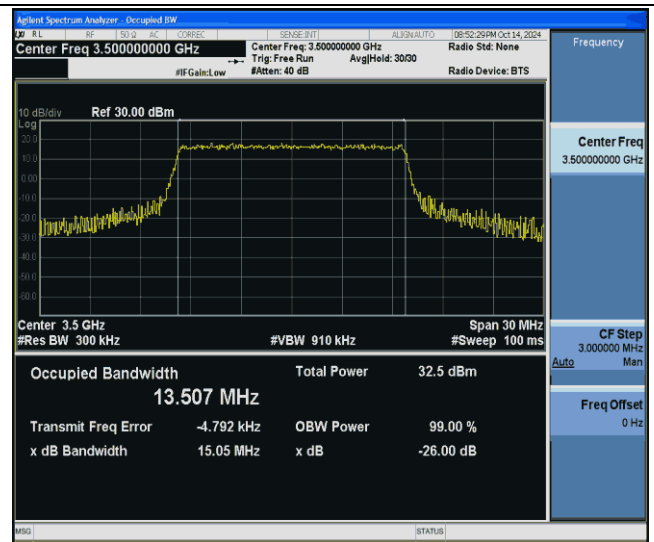
Band42(3450-3550)-10MHz-256QAM-42590-50RB#0-PASS



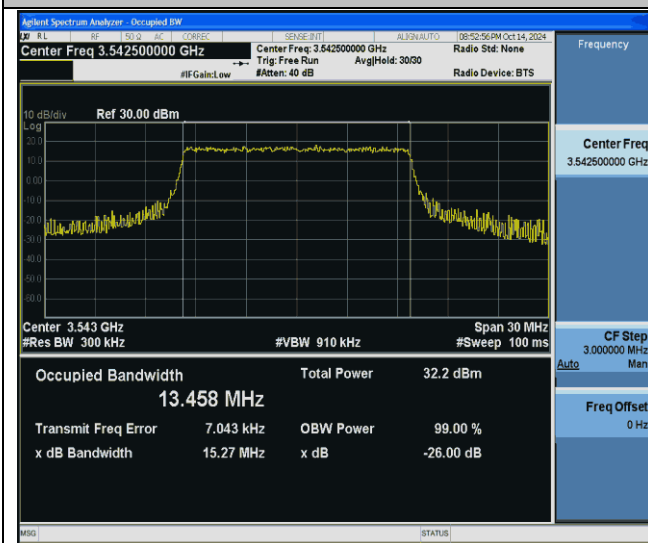
Band42(3450-3550)-10MHz-256QAM-43040-50RB#0-PASS



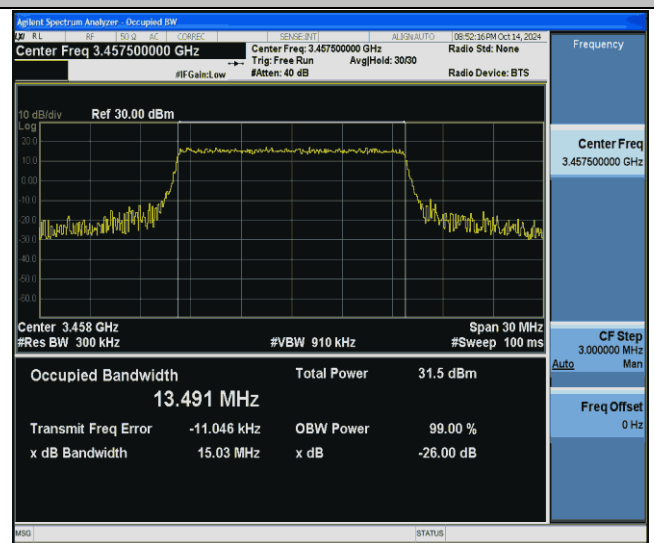
Band42(3450-3550)-15MHz-QPSK-42165-75RB#0-PASS



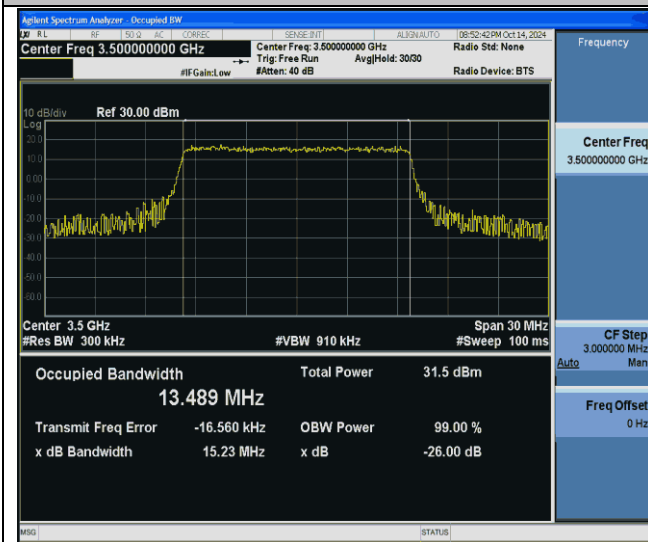
Band42(3450-3550)-15MHz-QPSK-42590-75RB#0-PASS



Band42(3450-3550)-15MHz-QPSK-43015-75RB#0-PASS



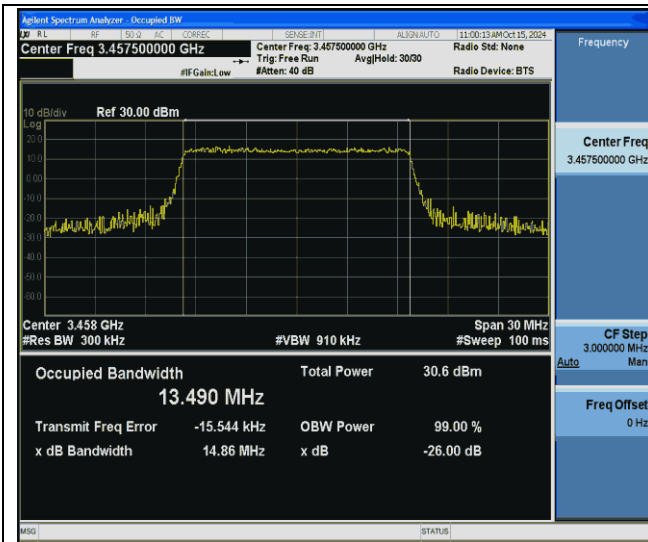
Band42(3450-3550)-15MHz-16QAM-42165-75RB#0-PASS



Band42(3450-3550)-15MHz-16QAM-42590-75RB#0-PASS



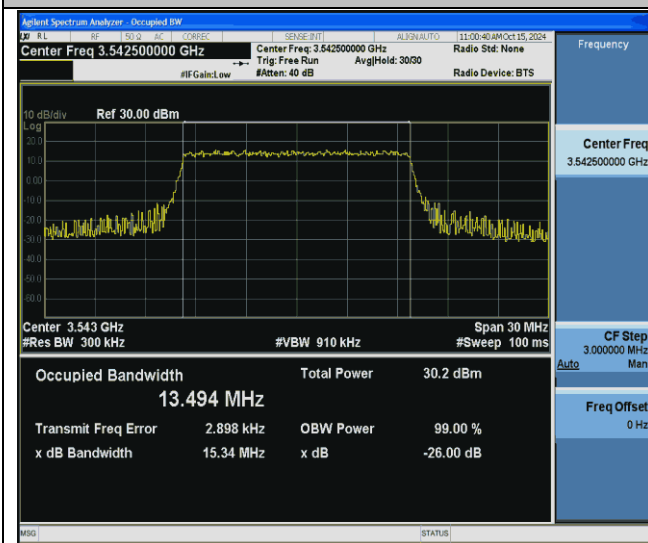
Band42(3450-3550)-15MHz-16QAM-43015-75RB#0-PASS



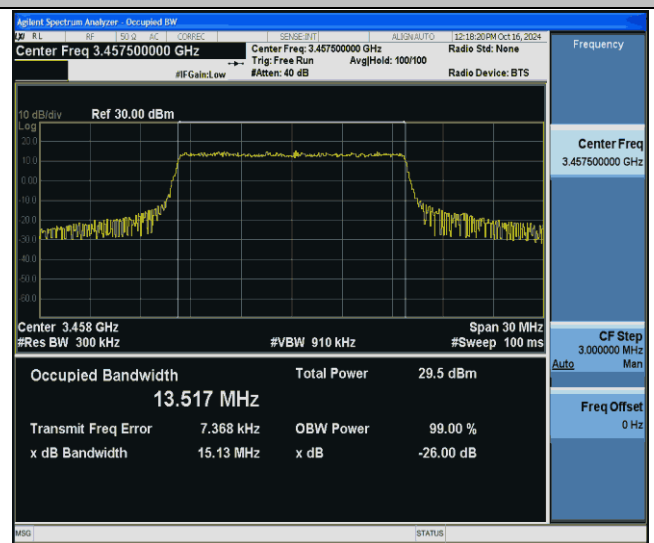
Band42(3450-3550)-15MHz-64QAM-42165-75RB#0-PASS



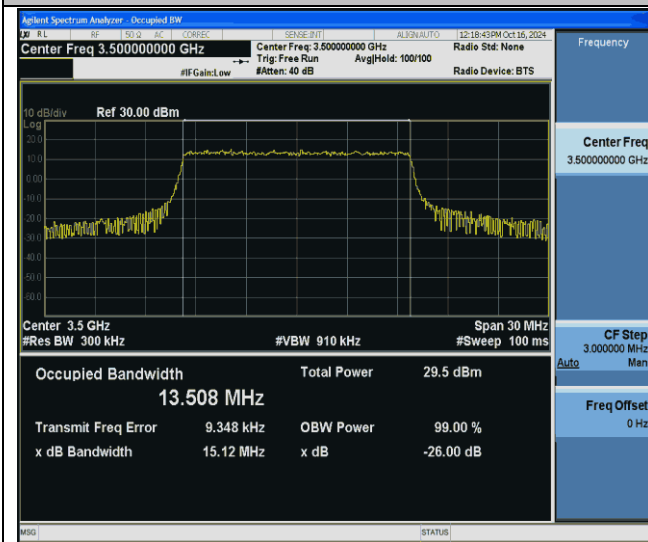
Band42(3450-3550)-15MHz-64QAM-42590-75RB#0-PASS



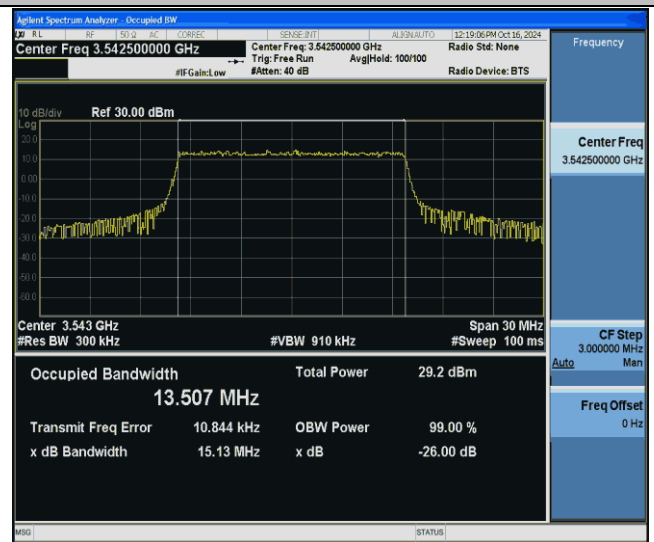
Band42(3450-3550)-15MHz-64QAM-43015-75RB#0-PASS



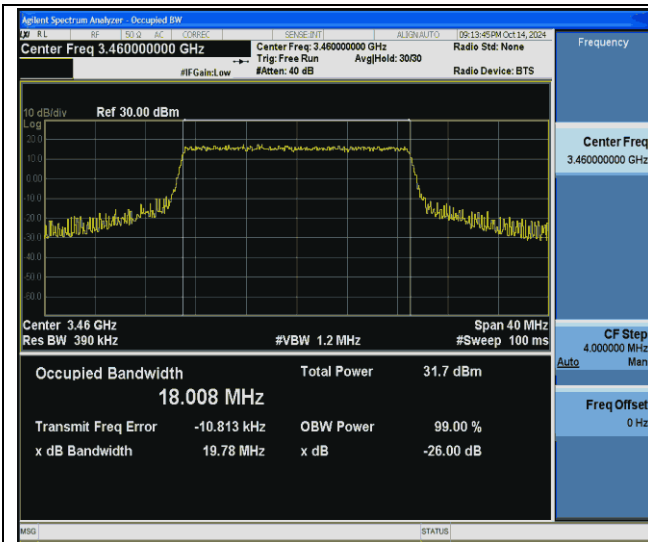
Band42(3450-3550)-15MHz-256QAM-42165-75RB#0-PASS



Band42(3450-3550)-15MHz-256QAM-42590-75RB#0-PASS



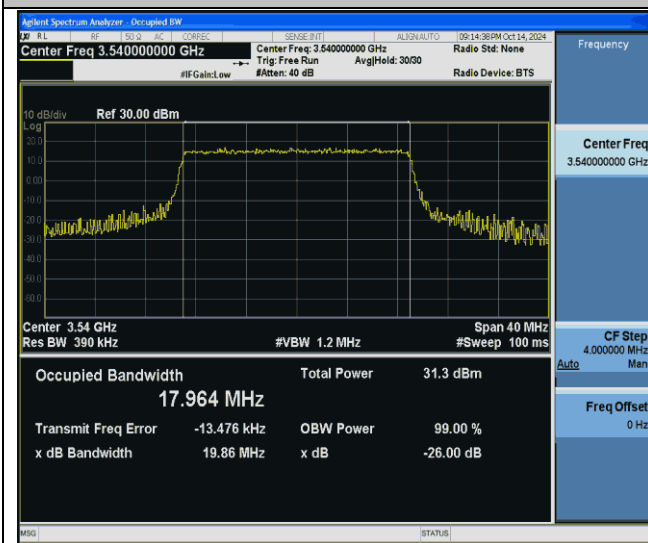
Band42(3450-3550)-15MHz-256QAM-43015-75RB#0-PASS



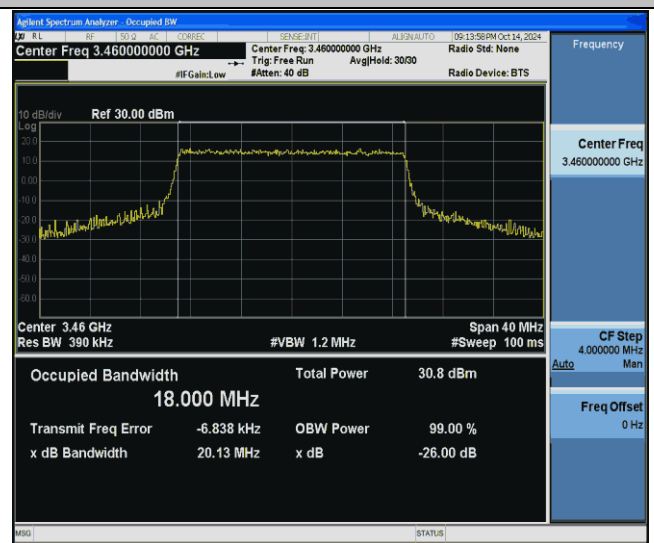
Band42(3450-3550)-20MHz-QPSK-42190-100RB#0-PASS



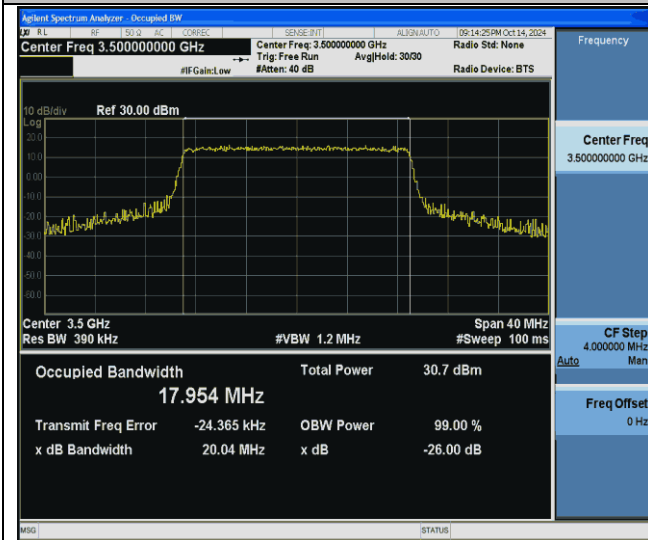
Band42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS



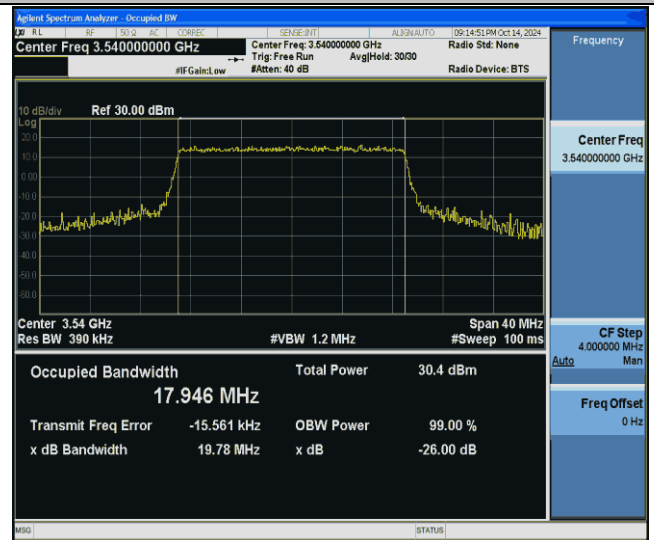
Band42(3450-3550)-20MHz-QPSK-42990-100RB#0-PASS



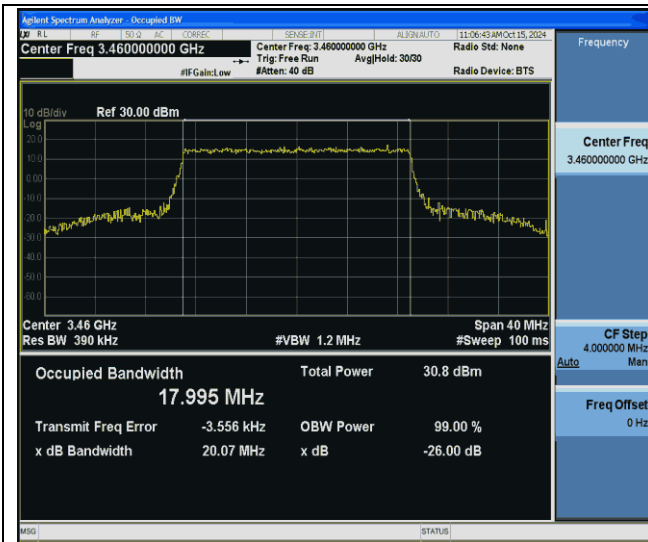
Band42(3450-3550)-20MHz-16QAM-42190-100RB#0-PASS



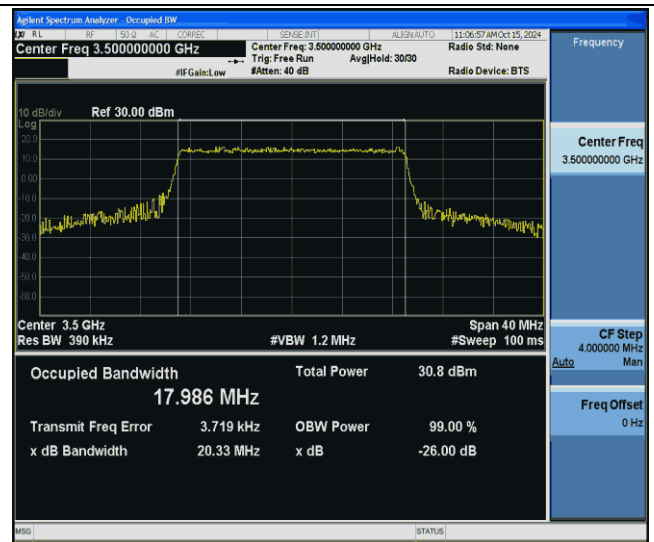
Band42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS



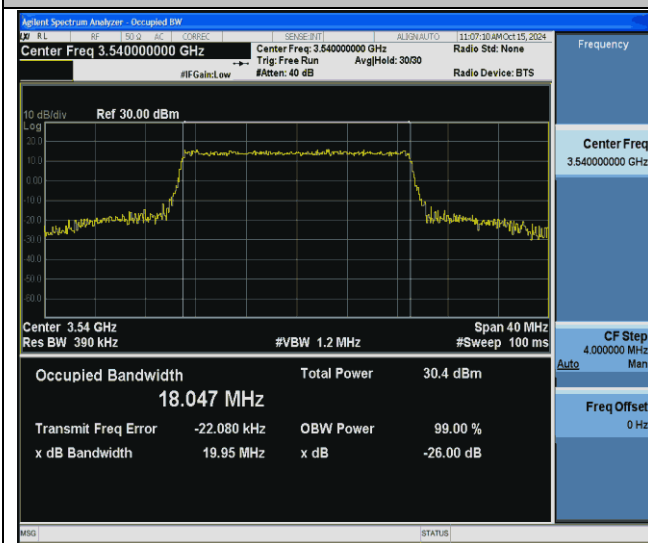
Band42(3450-3550)-20MHz-16QAM-42990-100RB#0-PASS



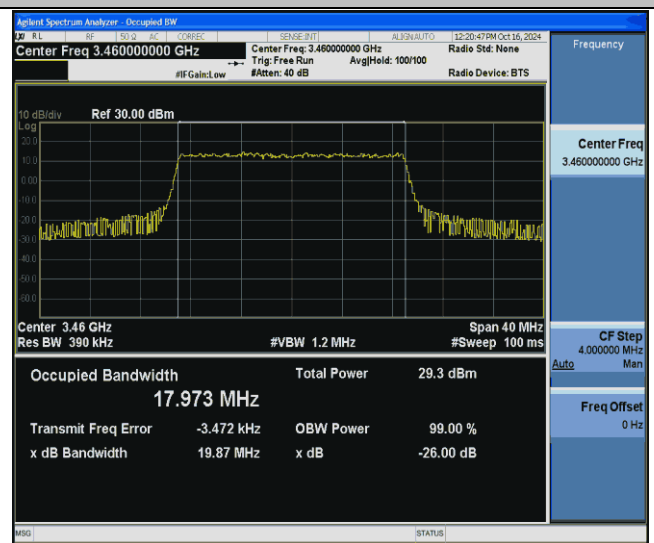
Band42(3450-3550)-20MHz-64QAM-42190-100RB#0-PASS



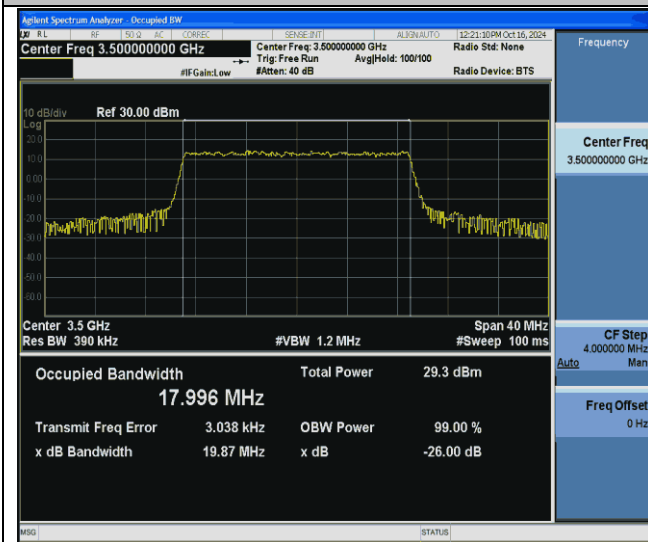
Band42(3450-3550)-20MHz-64QAM-42590-100RB#0-PASS



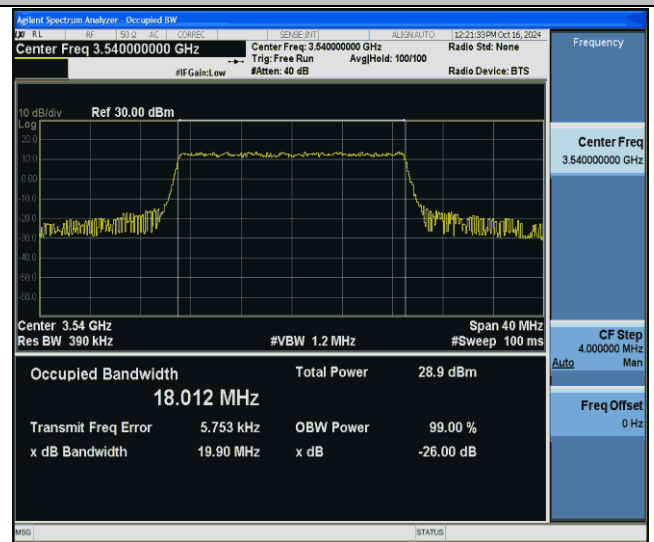
Band42(3450-3550)-20MHz-64QAM-42990-100RB#0-PASS



Band42(3450-3550)-20MHz-256QAM-42190-100RB#0-PASS



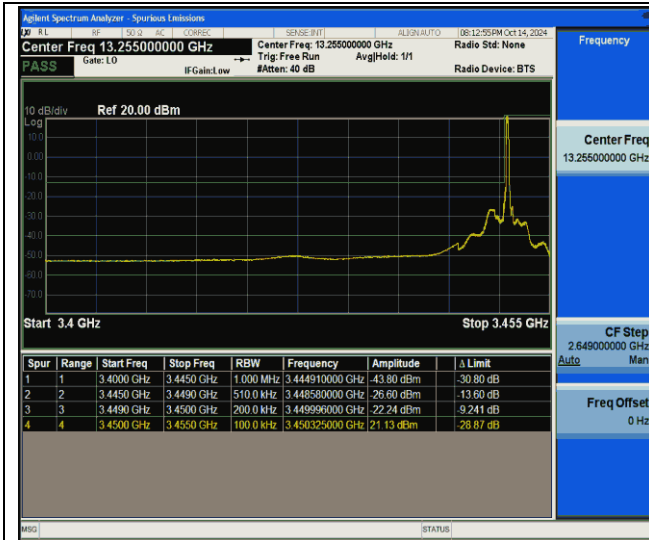
Band42(3450-3550)-20MHz-256QAM-42590-100RB#0-PASS



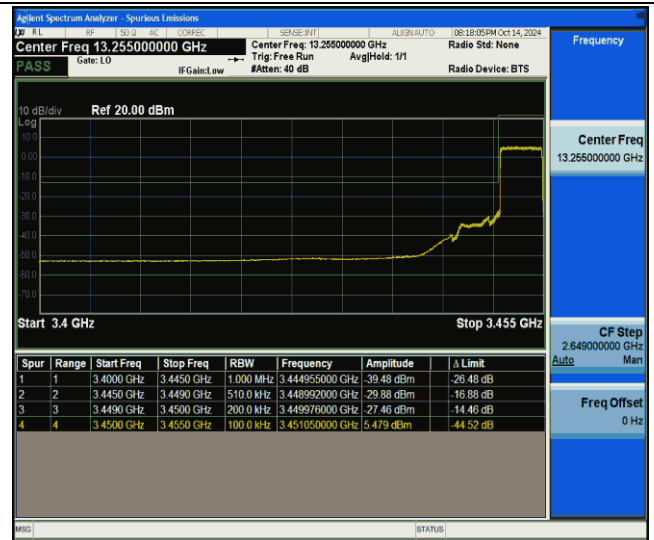
Band42(3450-3550)-20MHz-256QAM-42990-100RB#0-PASS

Band Edge

Test Graphs



Band42(3450-3550)-5MHz-QPSK-42115-1RB#0-PASS



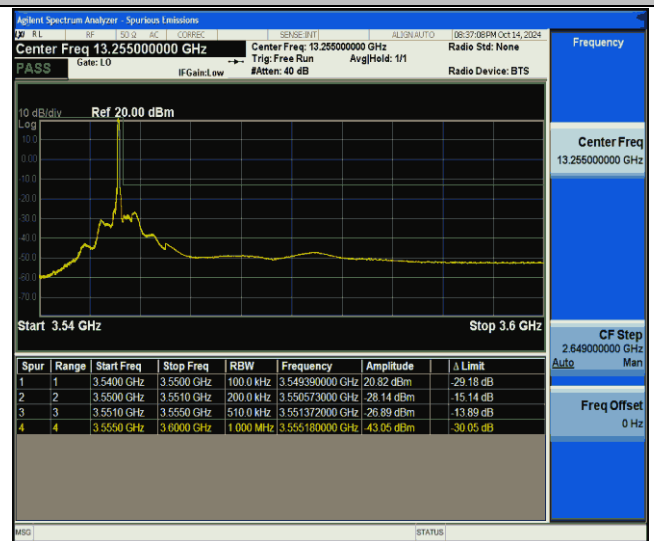
Band42(3450-3550)-5MHz-QPSK-42115-25RB#0-PASS

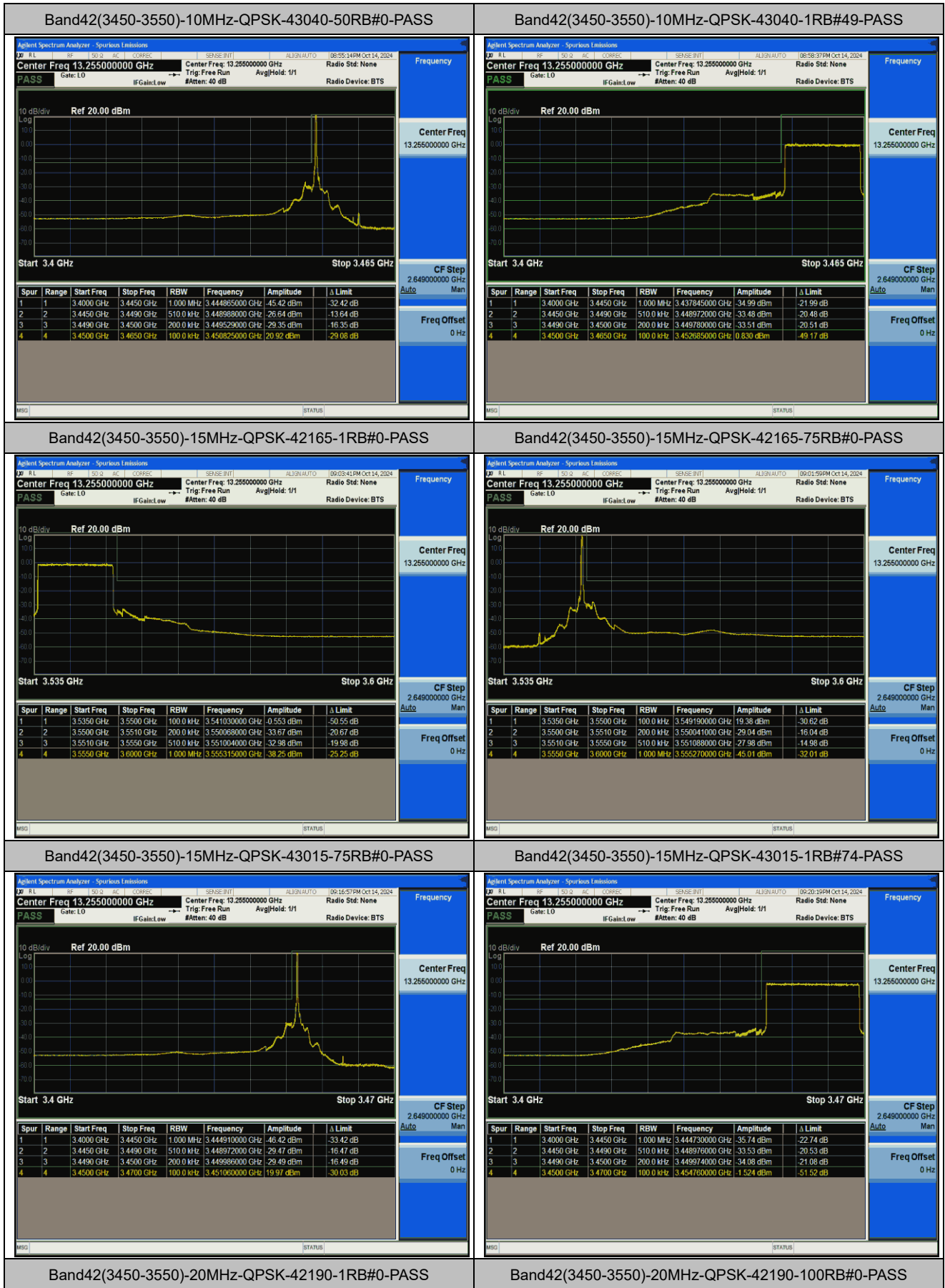


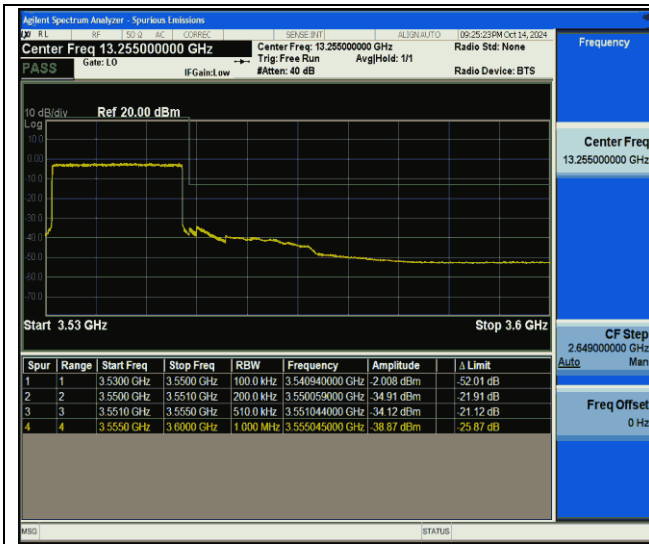
Band42(3450-3550)-10MHz-QPSK-42140-1RB#0-PASS



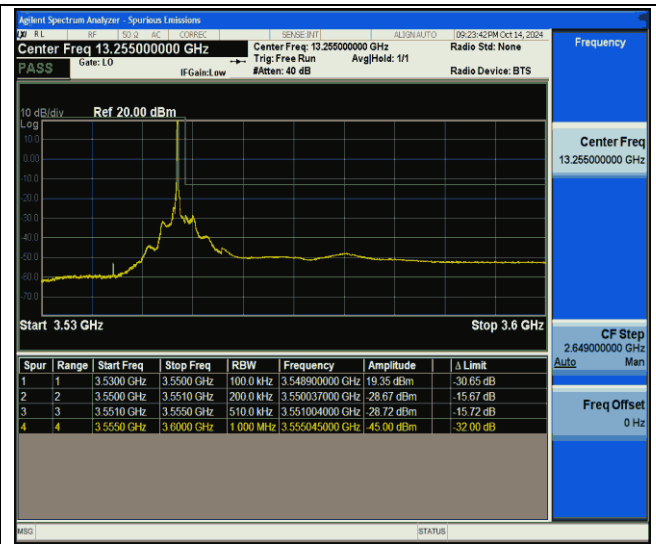
Band42(3450-3550)-10MHz-QPSK-42140-50RB#0-PASS







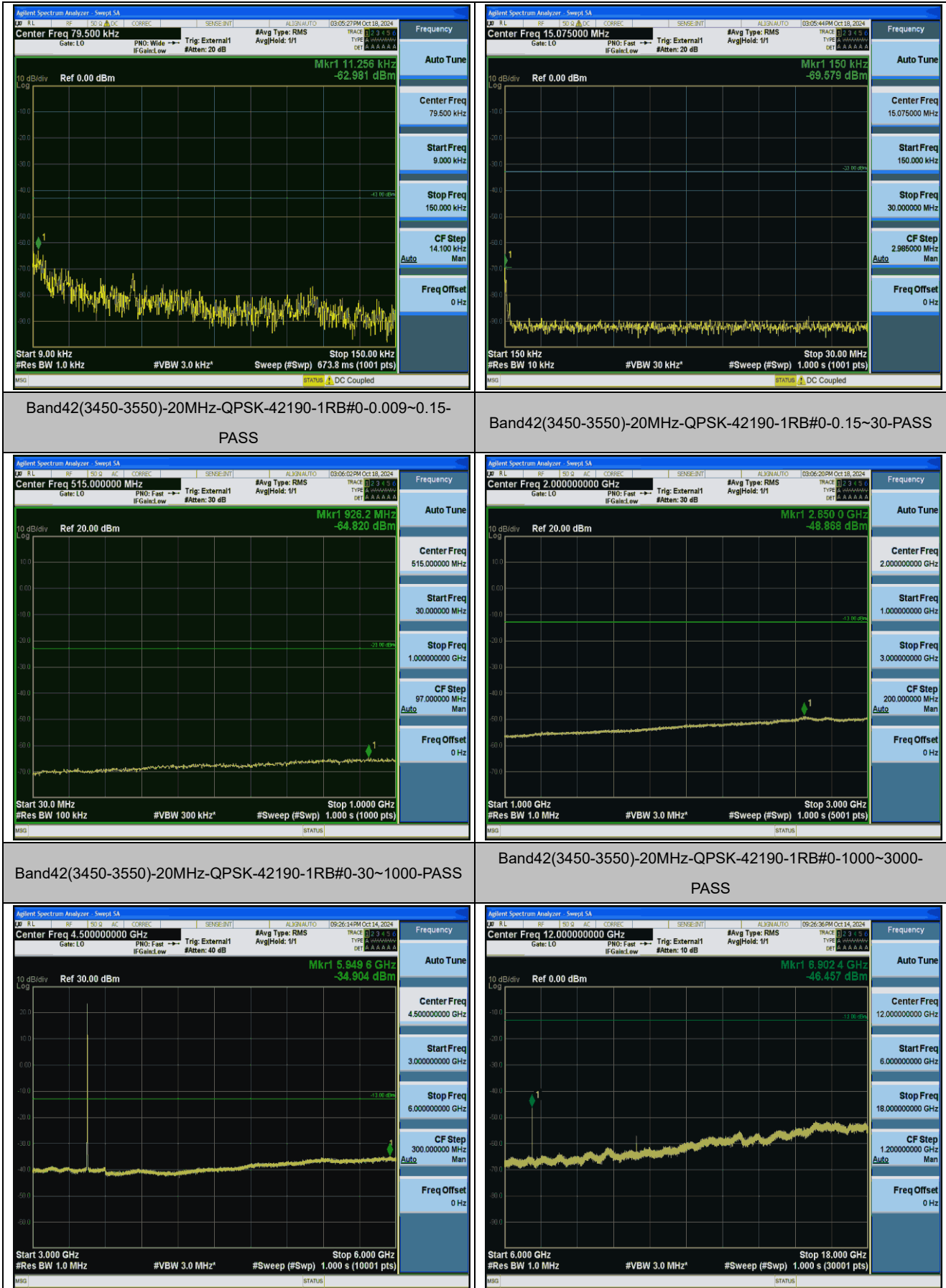
Band42(3450-3550)-20MHz-QPSK-42990-100RB#0-PASS

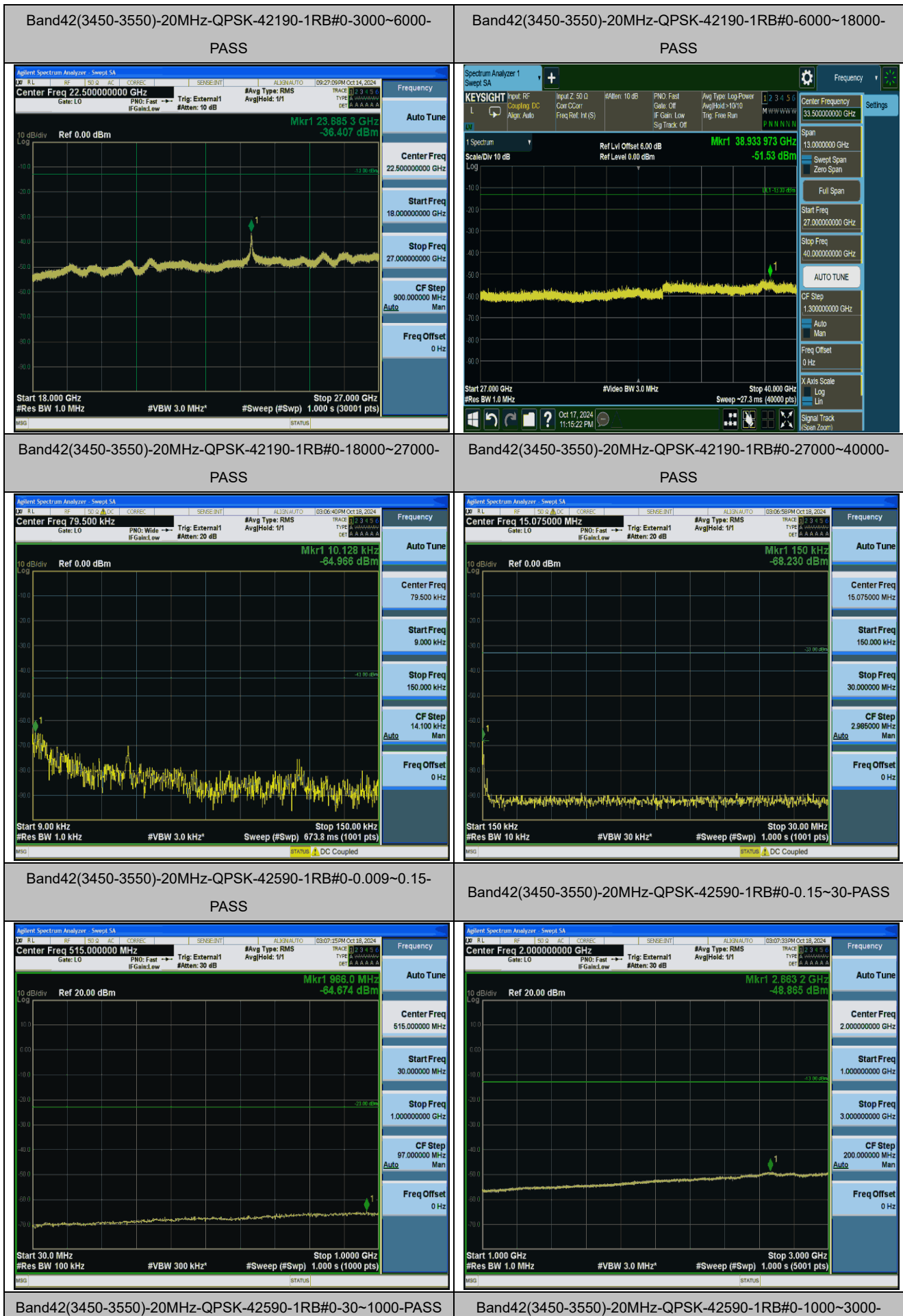


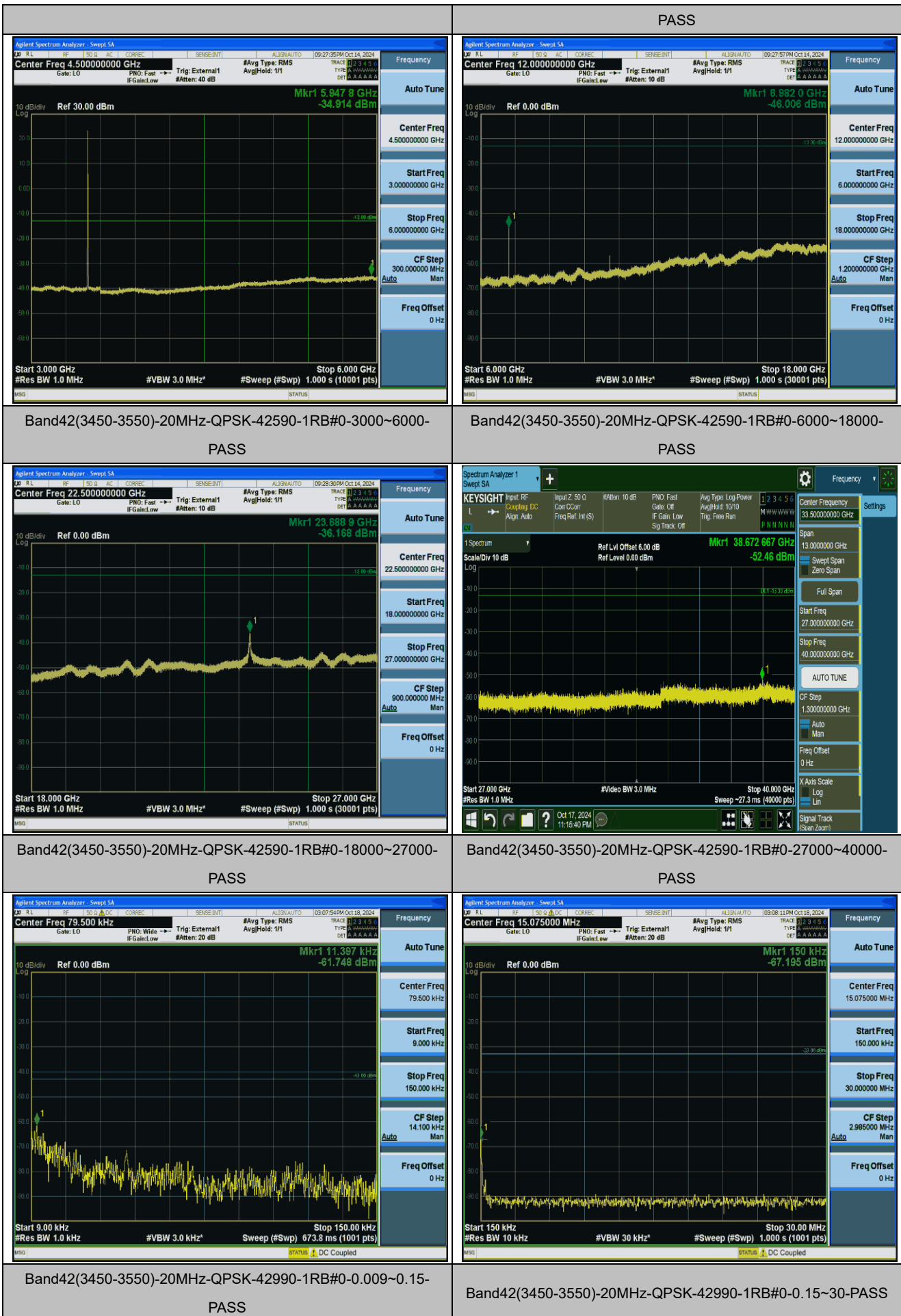
Band42(3450-3550)-20MHz-QPSK-42990-1RB#99-PASS

Conducted Spurious Emission

Test Graphs



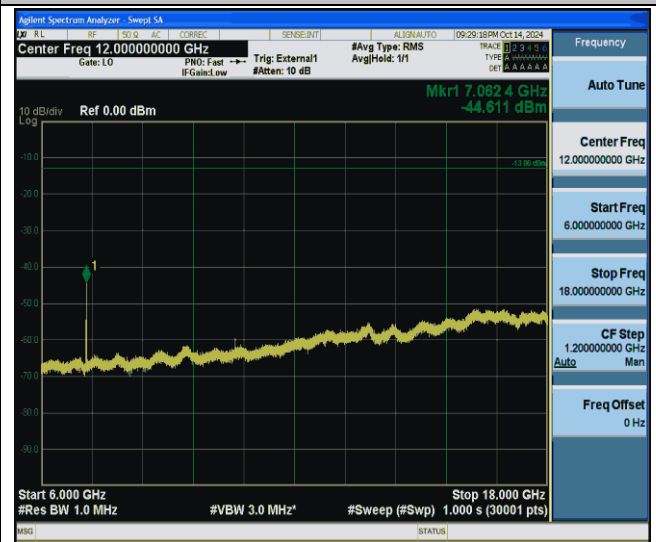






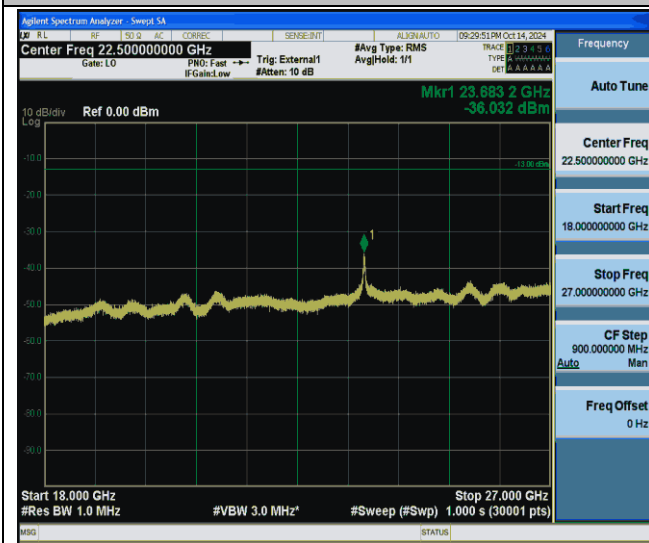
Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-30~1000-PASS

Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-1000~3000-PASS



Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-3000~6000-PASS

Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-6000~18000-PASS



Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-18000~27000-PASS

Band42(3450-3550)-20MHz-QPSK-42990-1RB#0-27000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	VN	NT	-0.90	-0.000257	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	VL	NT	-0.90	-0.000257	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	VH	NT	-3.90	-0.001114	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-30	-0.50	-0.000143	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-20	0.00	0.000000	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-10	-2.60	-0.000743	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	0	-0.30	-0.000086	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	10	-0.10	-0.000029	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	20	0.20	0.000057	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	30	-1.00	-0.000286	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	40	0.80	0.000229	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	50	1.60	0.000457	PASS

~The End~