

Appendix-A LTE Band 42(3550-3600)

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8 Main:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	17	21.7	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	17.09	21.79	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	17.04	21.74	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#0	16.58	21.28	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#12	16.82	21.52	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#24	16.79	21.49	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#0	15.43	20.13	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#12	15.55	20.25	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#24	15.62	20.32	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#0	12.32	17.02	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#12	12.55	17.25	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#24	12.36	17.06	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	16.82	21.52	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	16.93	21.63	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	16.92	21.62	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#0	16.5	21.2	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#12	16.56	21.26	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#24	16.46	21.16	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#0	15.41	20.11	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#12	15.25	19.95	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#24	15.48	20.18	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#0	12.11	16.81	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#12	12.46	17.16	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#24	12.39	17.09	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	16.85	21.55	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	16.9	21.6	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	16.83	21.53	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#0	16.39	21.09	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#12	16.42	21.12	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#24	16.32	21.02	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#0	15.26	19.96	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#12	15.29	19.99	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#24	15.7	20.4	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#0	12.29	16.99	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#12	12.33	17.03	PASS

42(3550-3600)	5MHz	256QAM	43565	1RB#24	12.37	17.07	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	17.08	21.78	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	17.1	21.8	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	17.03	21.73	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#0	16.7	21.4	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#24	16.68	21.38	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#49	16.77	21.47	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#0	15.62	20.32	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#24	15.65	20.35	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#49	15.55	20.25	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#0	12.52	17.22	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#24	12.52	17.22	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#49	12.39	17.09	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	16.86	21.56	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	16.95	21.65	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	16.93	21.63	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#0	16.33	21.03	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#24	16.58	21.28	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#49	16.74	21.44	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#0	15.4	20.1	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#24	15.36	20.06	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#49	15.64	20.34	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#0	12.34	17.04	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#24	12.26	16.96	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#49	12.27	16.97	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	16.87	21.57	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	16.92	21.62	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	16.88	21.58	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#0	16.66	21.36	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#24	16.41	21.11	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#49	16.36	21.06	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#0	15.38	20.08	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#24	15.28	19.98	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#49	15.36	20.06	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#0	12.27	16.97	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#24	12.13	16.83	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#49	12.22	16.92	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	16.96	21.66	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	16.96	21.66	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	16.9	21.6	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#0	16.62	21.32	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#38	16.38	21.08	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#74	16.42	21.12	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#0	15.5	20.2	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#38	15.67	20.37	PASS

42(3550-3600)	15MHz	64QAM	43165	1RB#74	15.47	20.17	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#0	12.4	17.1	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#38	12.52	17.22	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#74	12.23	16.93	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	16.85	21.55	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	16.98	21.68	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	16.93	21.63	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#0	16.23	20.93	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#38	16.2	20.9	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#74	16.22	20.92	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#0	15.18	19.88	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#38	15.34	20.04	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#74	15.4	20.1	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#0	12.36	17.06	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#38	12.5	17.2	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#74	12.61	17.31	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	16.78	21.48	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	16.94	21.64	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	16.91	21.61	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#0	16.4	21.1	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#38	16.45	21.15	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#74	16.41	21.11	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#0	15.45	20.15	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#38	15.34	20.04	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#74	15.51	20.21	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#0	12.37	17.07	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#38	12.3	17	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#74	12.51	17.21	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	17.07	21.77	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	16.98	21.68	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	16.95	21.65	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#0	16.41	21.11	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#49	16.59	21.29	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#99	16.45	21.15	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#0	15.25	19.95	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#49	15.33	20.03	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#99	15.49	20.19	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#0	12.25	16.95	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#49	12.45	17.15	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#99	12.16	16.86	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	16.85	21.55	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	16.98	21.68	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	17.02	21.72	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#0	16.45	21.15	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#49	16.42	21.12	PASS

42(3550-3600)	20MHz	16QAM	43340	1RB#99	16.28	20.98	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#0	15.41	20.11	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#49	15.61	20.31	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#99	15.38	20.08	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#0	12.23	16.93	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#49	12.27	16.97	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#99	12.51	17.21	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	16.89	21.59	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	16.84	21.54	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	16.92	21.62	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#0	16.4	21.1	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#49	16.62	21.32	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#99	16.49	21.19	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#0	15.3	20	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#49	15.14	19.84	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#99	15.77	20.47	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#0	12.3	17	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#49	12.44	17.14	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#99	12.28	16.98	PASS

Maximum EIRP and Maximum PSD

Test Result

Ant8 Main:

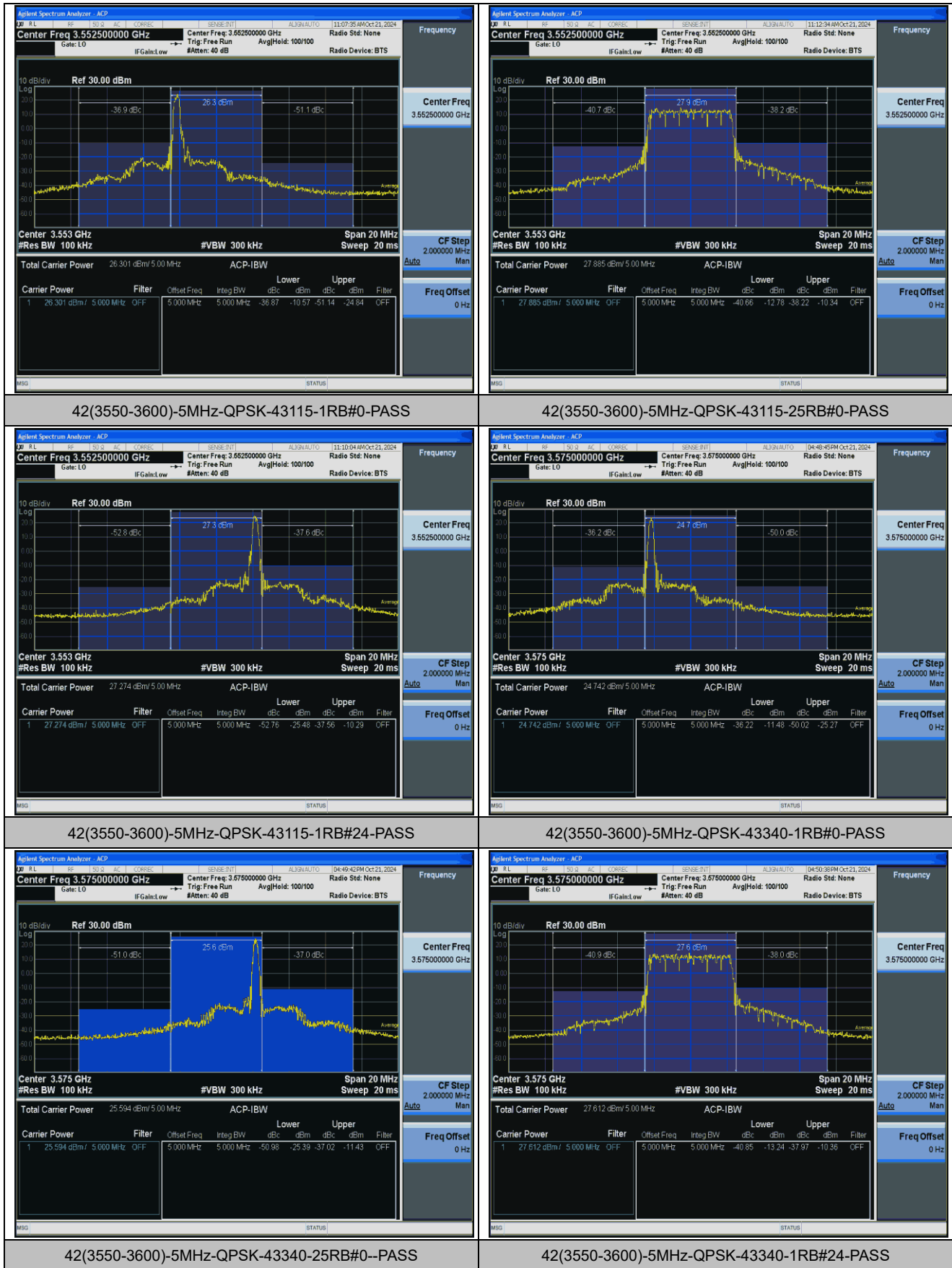
Band	BW	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	EIRP Limit (dBm/10MHz)	PSD Limit	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	17.36	22.06	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	17.47	22.17	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	17.51	22.21	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	17.25	21.95	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	17.31	22.01	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	17.38	22.08	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	16.76	21.46	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	16.85	21.55	23	N/A	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	16.88	21.58	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	17.37	22.07	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	17.53	22.23	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	17.46	22.16	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	17.38	22.08	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	17.44	22.14	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	17.33	22.03	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	16.80	21.5	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	16.90	21.6	23	N/A	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	16.94	21.64	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	17.43	22.13	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	17.44	22.14	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	17.41	22.11	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	17.36	22.06	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	17.46	22.16	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	17.32	22.02	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	16.78	21.48	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	16.80	21.5	23	N/A	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	16.87	21.57	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	17.41	22.11	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	17.43	22.13	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	17.40	22.1	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	17.38	22.08	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	17.41	22.11	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	17.49	22.19	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	16.85	21.55	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	16.88	21.58	23	N/A	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	16.81	21.51	23	N/A	PASS

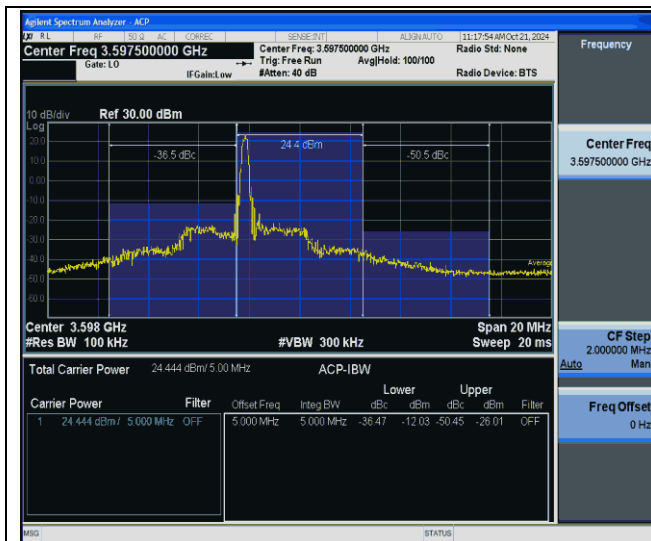
Adjacent Channel Leakage Ratio

Test Result

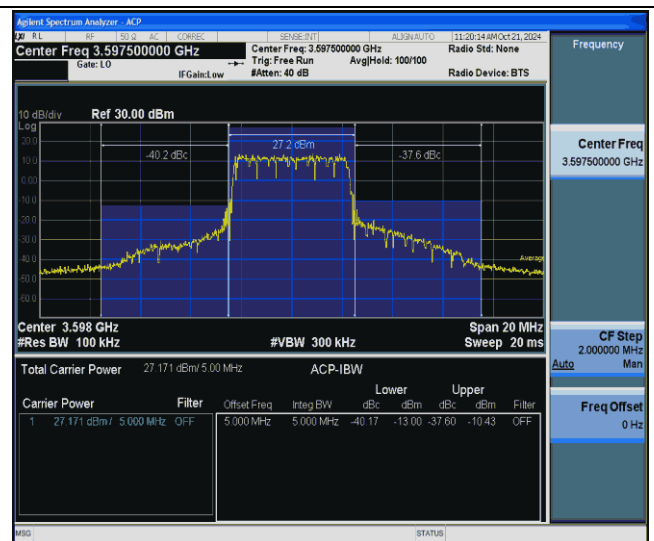
Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	36.87	51.14	≥30	PASS
42(3550-3600)	5MHz	QPSK	43115	25RB#0	40.66	38.22	≥30	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	52.76	37.56	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	36.22	50.02	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	40.85	37.97	≥30	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	50.98	37.02	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	36.47	50.45	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	40.17	37.6	≥30	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	51.48	37.06	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	37.36	51.46	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	41.32	40.34	≥30	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	51.8	37.19	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	37.22	51.23	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	40.94	40.4	≥30	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	51.7	37.15	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	37.29	52.24	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	40.35	39.76	≥30	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	52.18	37.41	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	37.85	49.46	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	41.7	42.23	≥30	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	50.11	37.59	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	38.24	50.74	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	41.3	42.08	≥30	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	50.52	37.4	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	37.65	50.37	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	40.57	42	≥30	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	50.2	37.5	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	37.7	48.45	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	40.23	42.76	≥30	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	47.85	37.07	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	37.48	49.73	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	39.96	42.65	≥30	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	48.86	37.43	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	37.47	49.68	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	39.48	42.45	≥30	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	48.39	37.13	≥30	PASS

Test Graphs

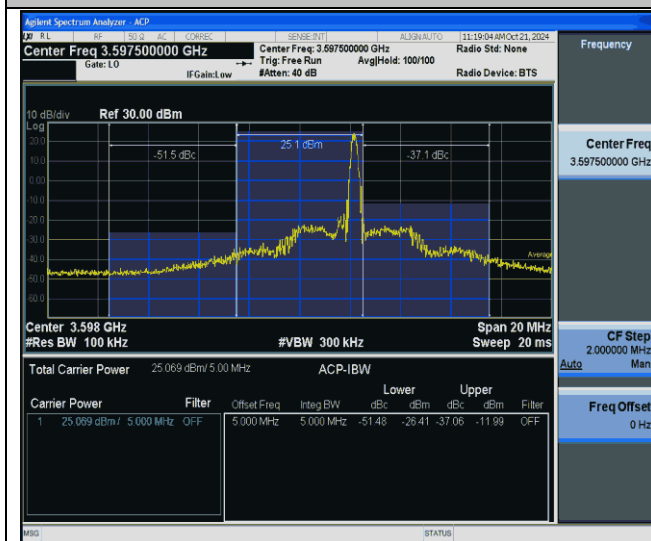




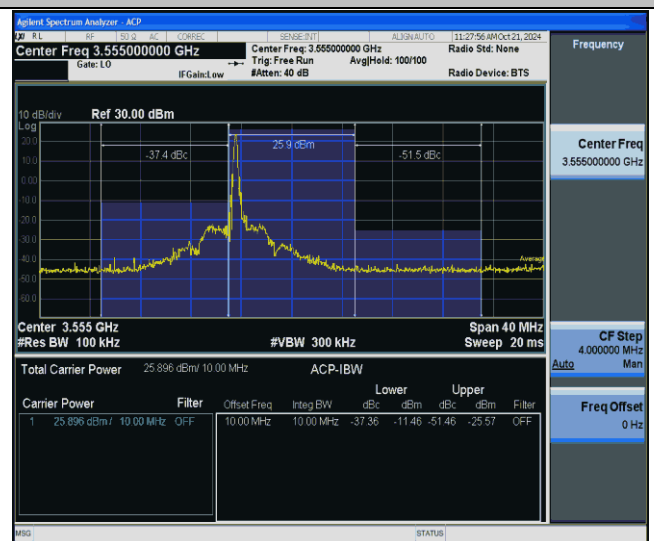
42(3550-3600)-5MHz-QPSK-43565-1RB#0-PASS



42(3550-3600)-5MHz-QPSK-43565-25RB#0-PASS



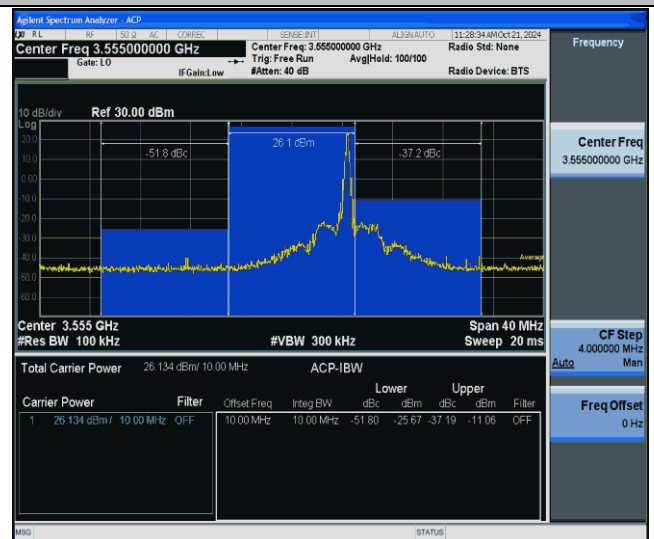
42(3550-3600)-5MHz-QPSK-43565-1RB#24-PASS



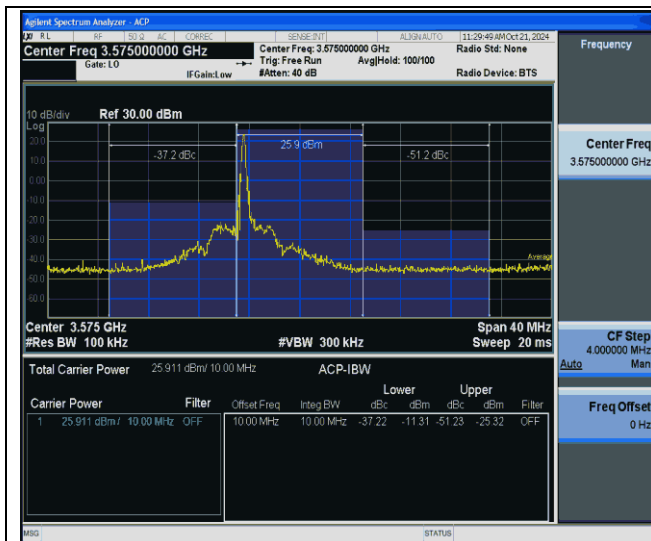
42(3550-3600)-10MHz-QPSK-43140-1RB#0-PASS



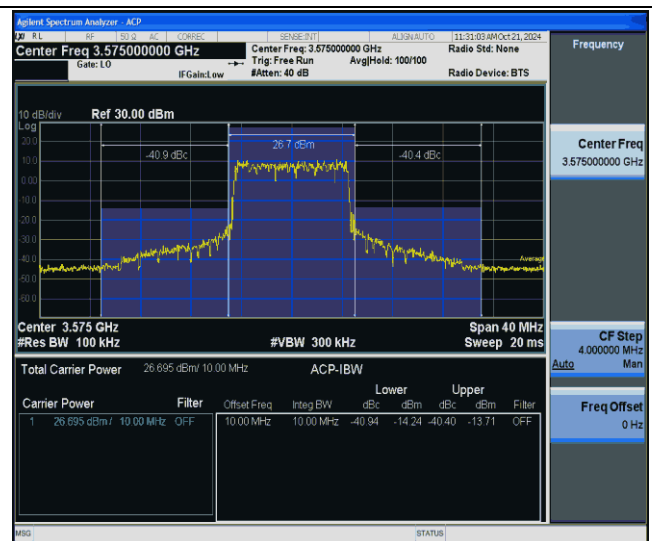
42(3550-3600)-10MHz-QPSK-43140-50RB#0-PASS



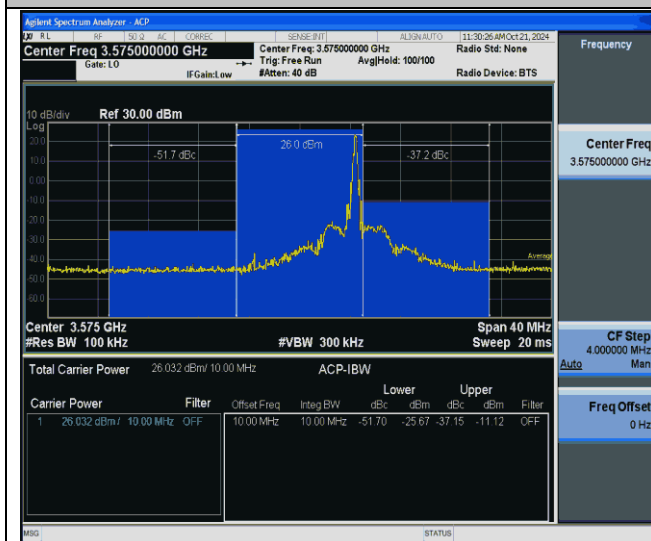
42(3550-3600)-10MHz-QPSK-43140-1RB#49-PASS



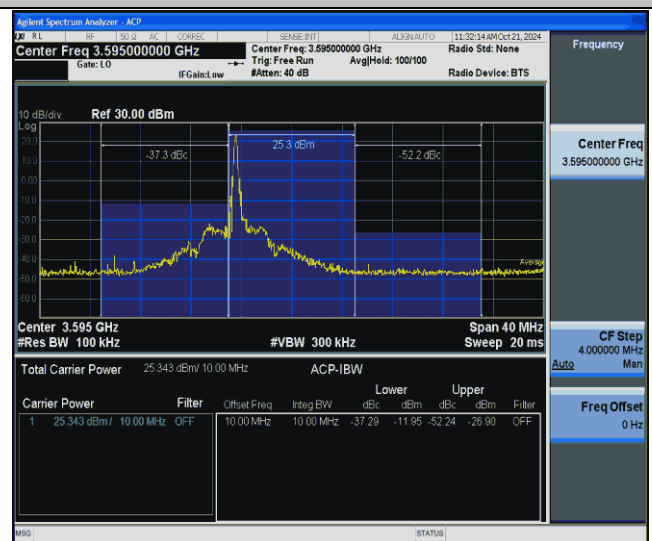
42(3550-3600)-10MHz-QPSK-43340-1RB#0-PASS



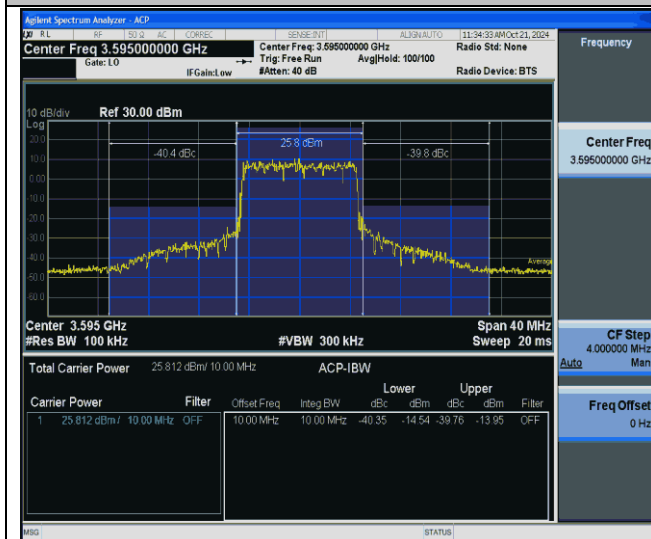
42(3550-3600)-10MHz-QPSK-43340-50RB#0-PASS



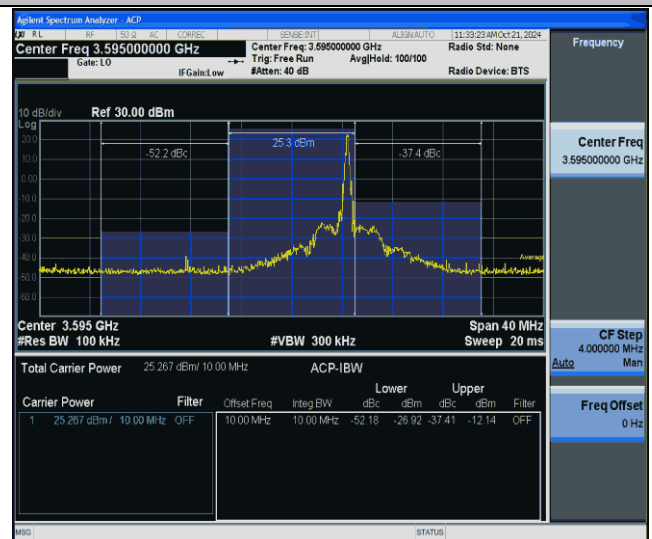
42(3550-3600)-10MHz-QPSK-43340-1RB#49-PASS



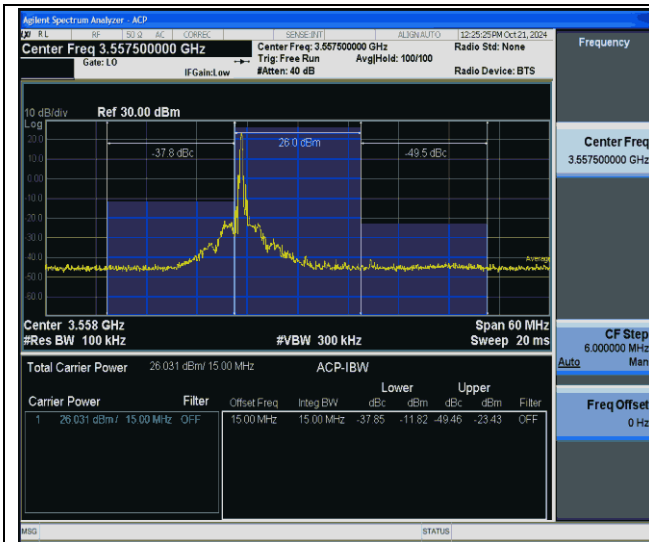
42(3550-3600)-10MHz-QPSK-43540-1RB#0-PASS



42(3550-3600)-10MHz-QPSK-43540-50RB#0-PASS



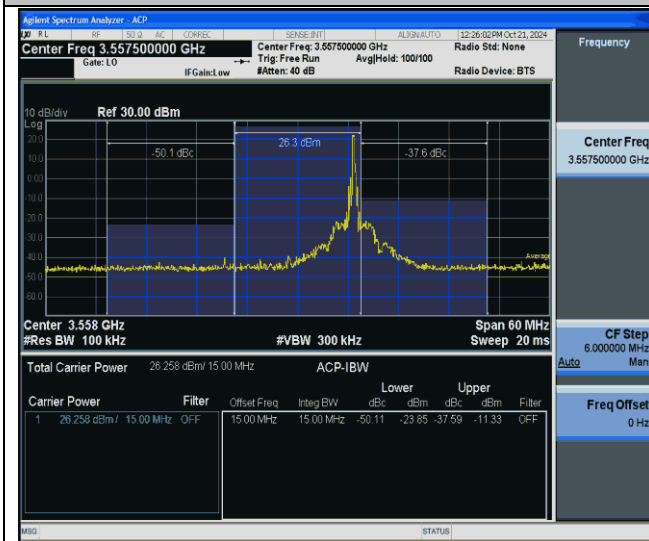
42(3550-3600)-10MHz-QPSK-43540-1RB#49-PASS



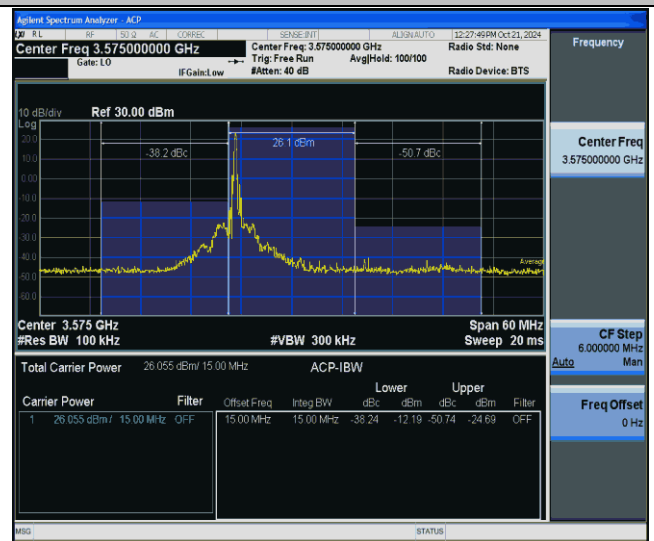
42(3550-3600)-15MHz-QPSK-43165-1RB#0-PASS



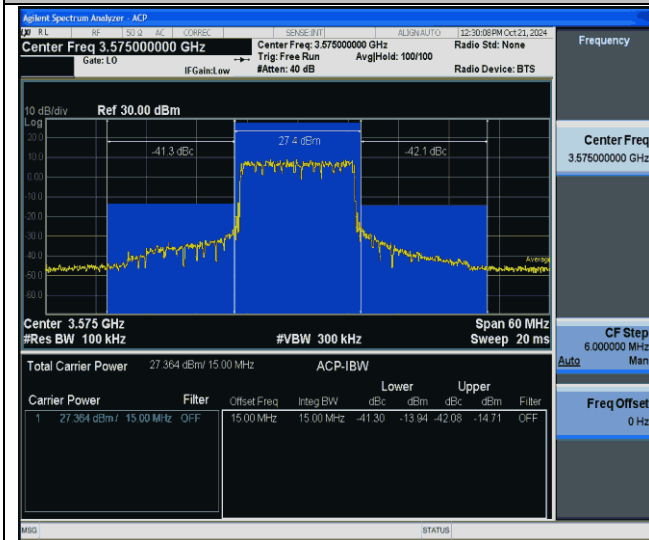
42(3550-3600)-15MHz-QPSK-43165-75RB#0-PASS



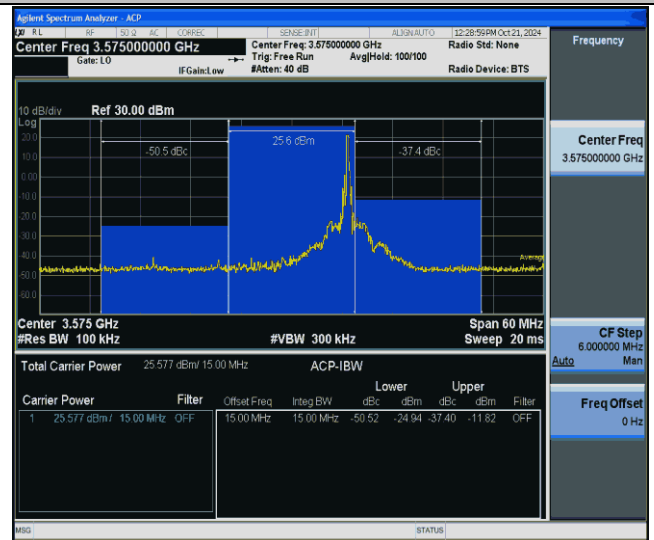
42(3550-3600)-15MHz-QPSK-43165-1RB#74-PASS



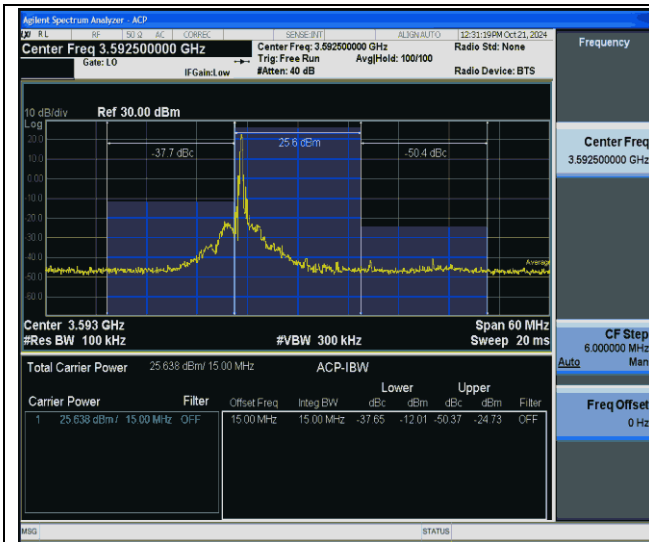
42(3550-3600)-15MHz-QPSK-43340-1RB#0-PASS



42(3550-3600)-15MHz-QPSK-43340-75RB#0-PASS



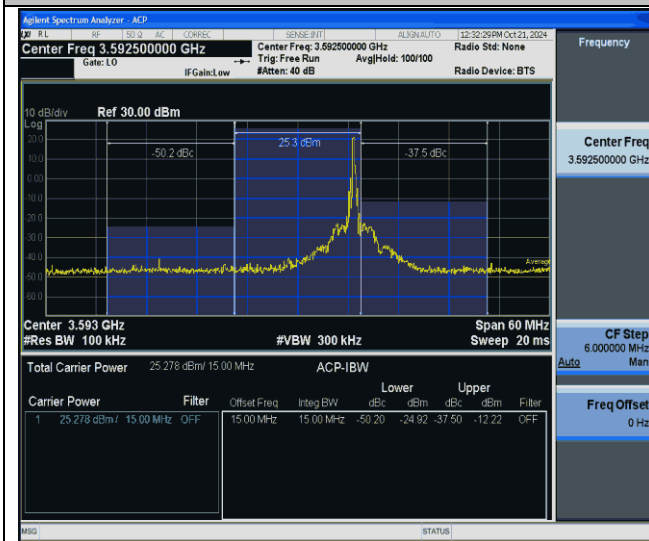
42(3550-3600)-15MHz-QPSK-43340-1RB#74-PASS



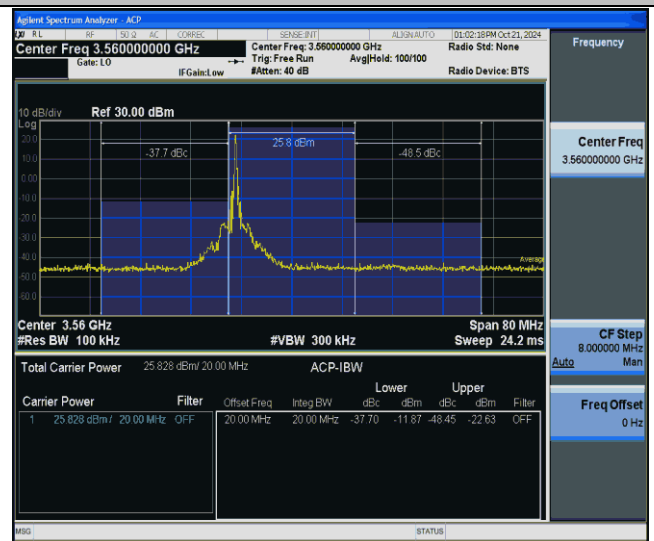
42(3550-3600)-15MHz-QPSK-43515-1RB#0-PASS



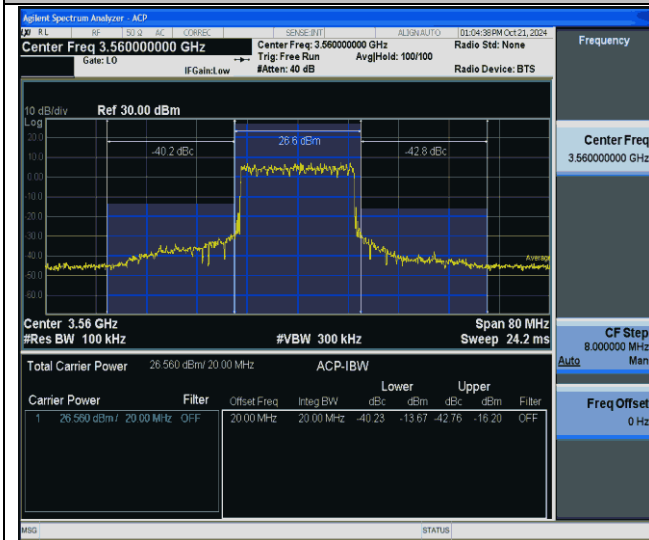
42(3550-3600)-15MHz-QPSK-43515-75RB#0-PASS



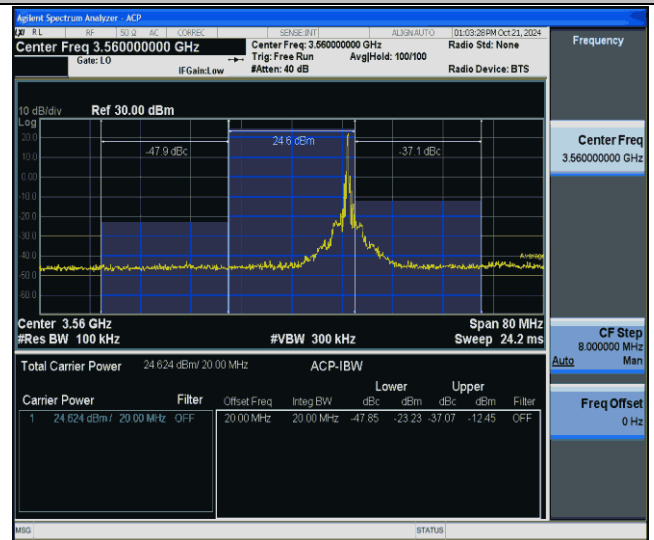
42(3550-3600)-15MHz-QPSK-43515-1RB#74-PASS



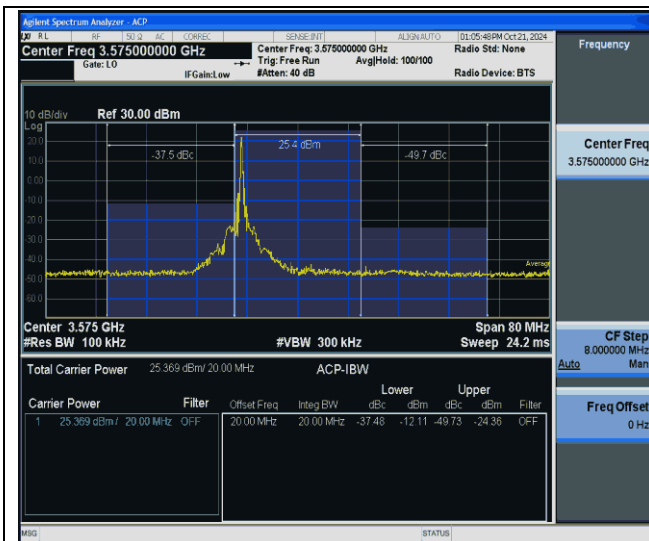
42(3550-3600)-20MHz-QPSK-43190-1RB#0-PASS



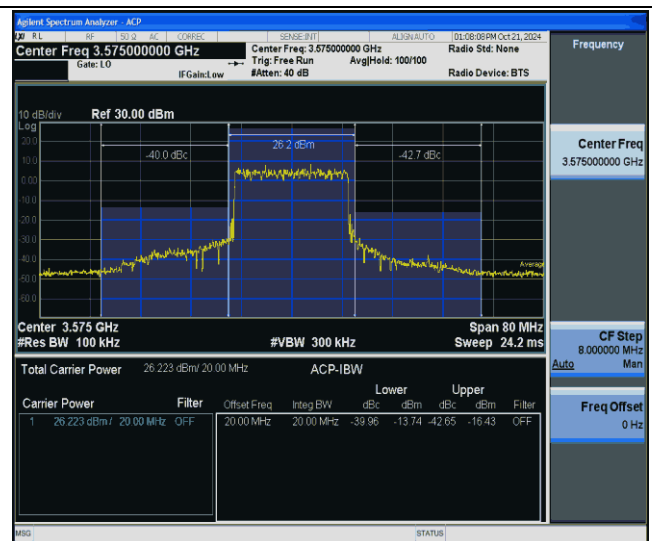
42(3550-3600)-20MHz-QPSK-43190-100RB#0-PASS



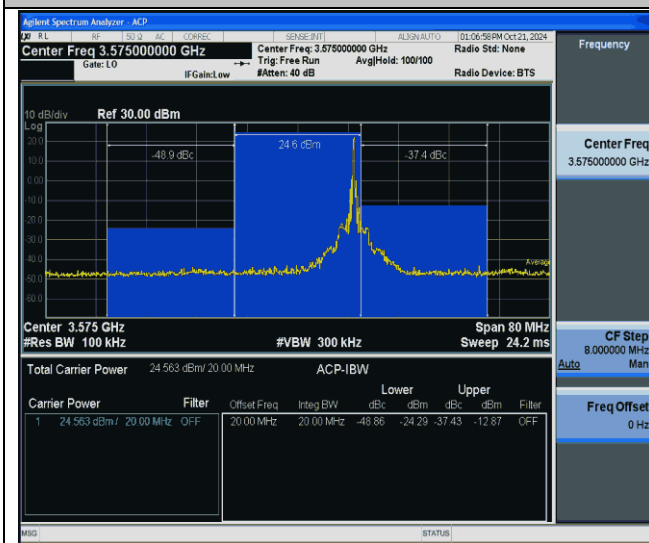
42(3550-3600)-20MHz-QPSK-43190-1RB#99-PASS



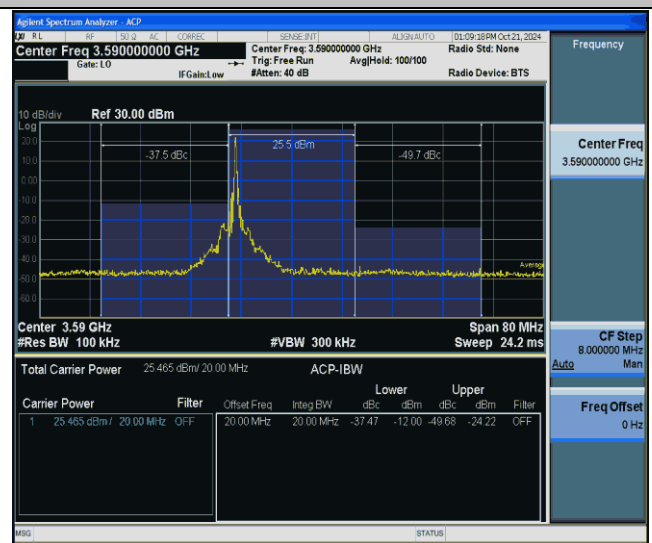
42(3550-3600)-20MHz-QPSK-43340-1RB#0-PASS



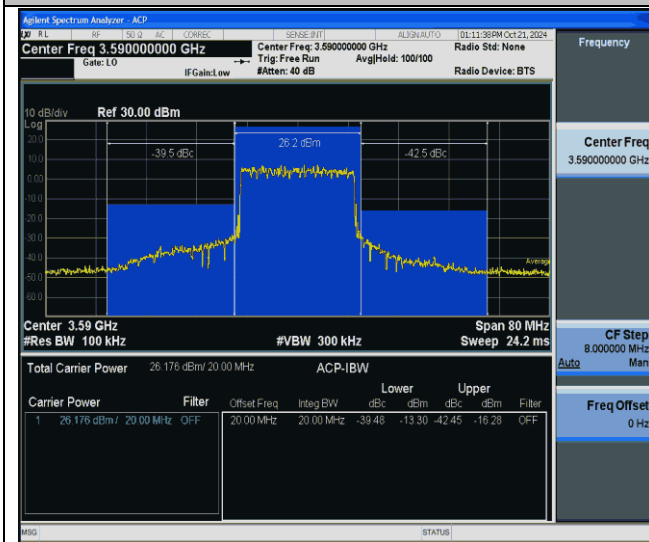
42(3550-3600)-20MHz-QPSK-43340-100RB#0-PASS



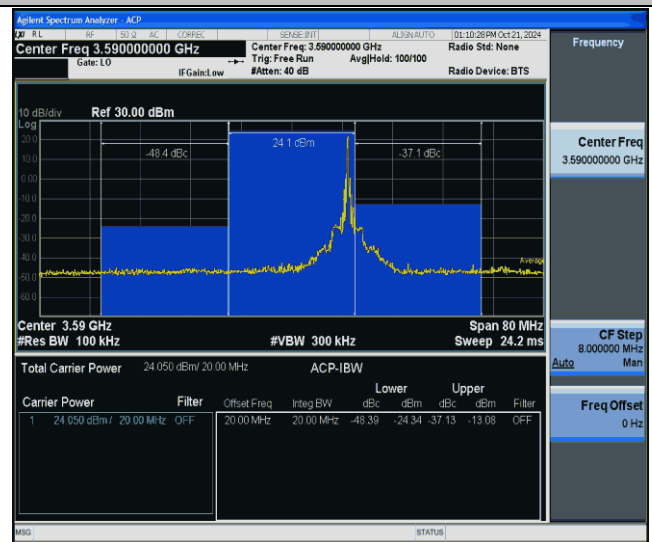
42(3550-3600)-20MHz-QPSK-43340-1RB#99-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-PASS



42(3550-3600)-20MHz-QPSK-43490-100RB#0-PASS



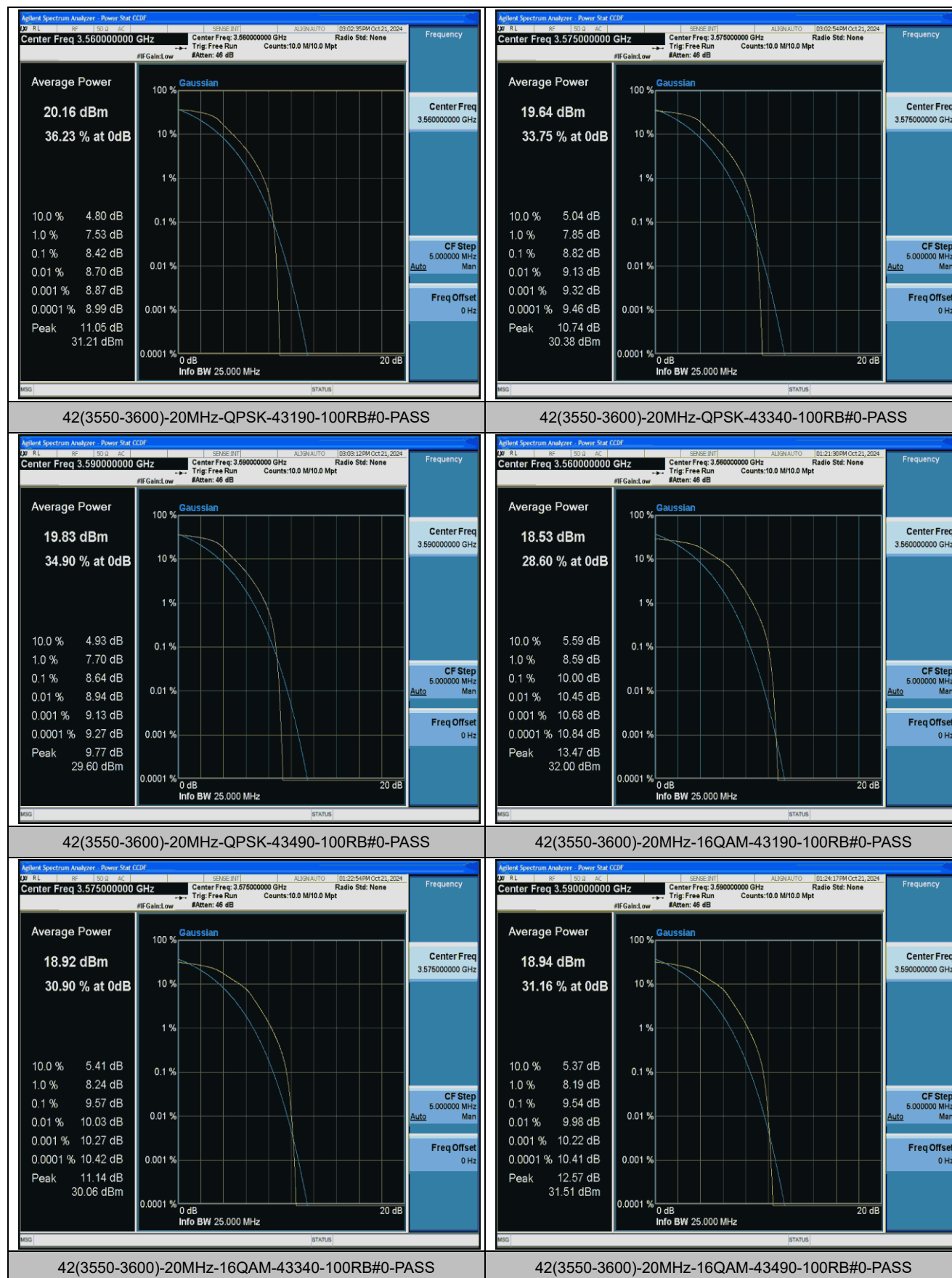
42(3550-3600)-20MHz-QPSK-43490-1RB#99-PASS

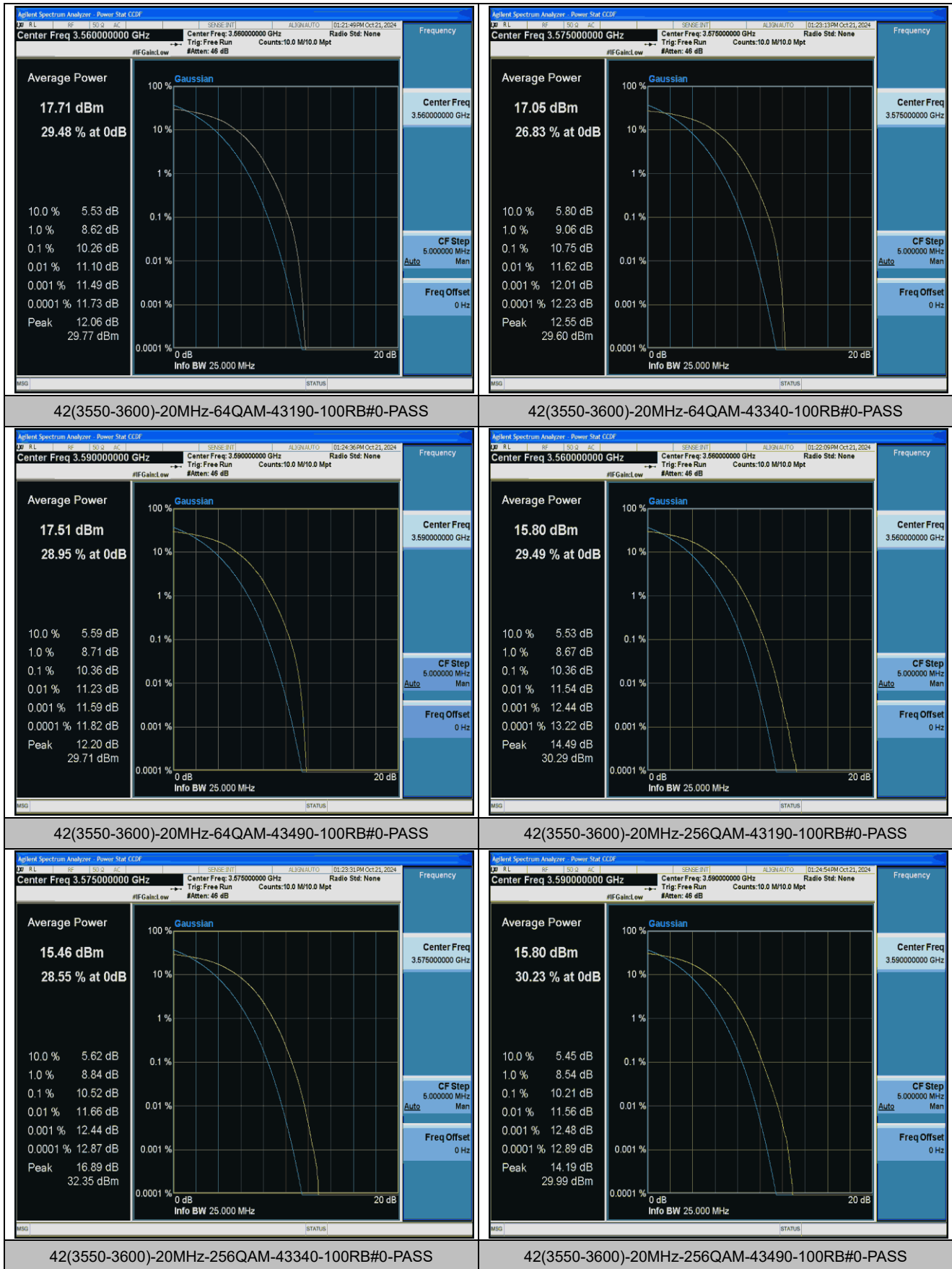
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
42(3550-3600)	20MHz	QPSK	43190	100RB#0	8.42	13	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	8.82	13	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	8.64	13	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	10.00	13	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	9.57	13	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	9.54	13	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	10.26	13	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	10.75	13	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	10.36	13	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	10.36	13	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	10.52	13	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	10.21	13	PASS

Test Graphs





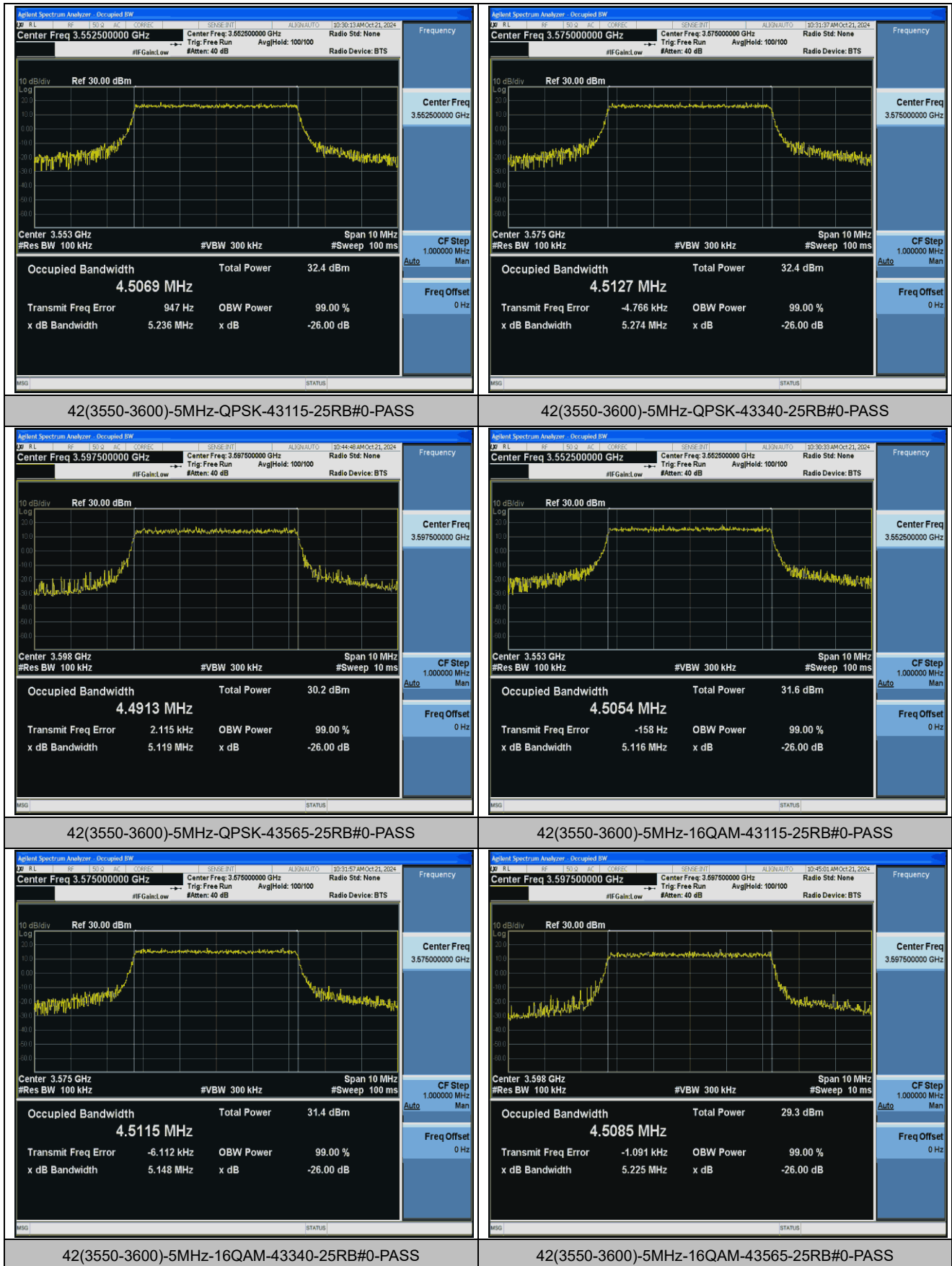
26dB Bandwidth and Occupied Bandwidth

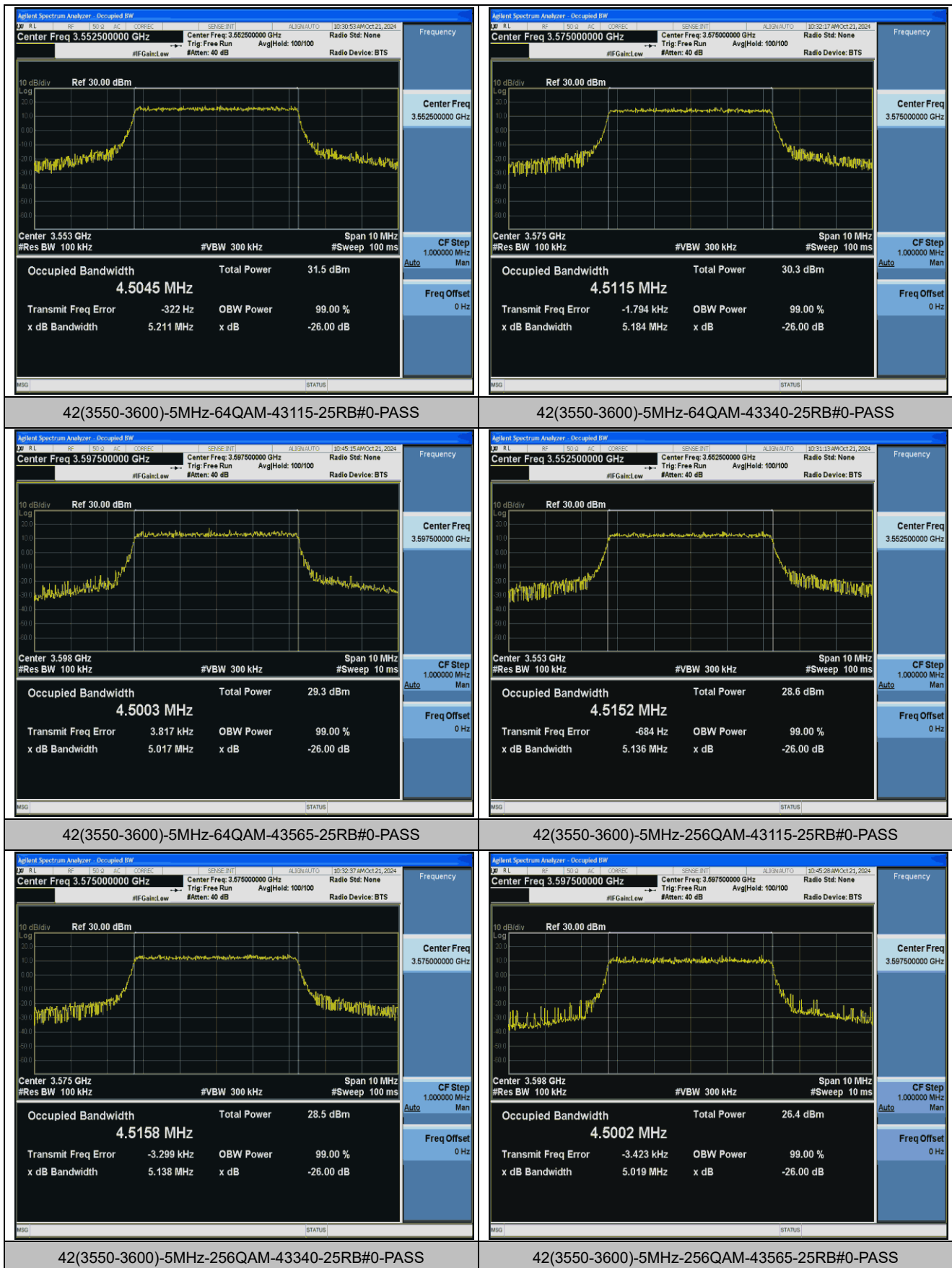
Test Result

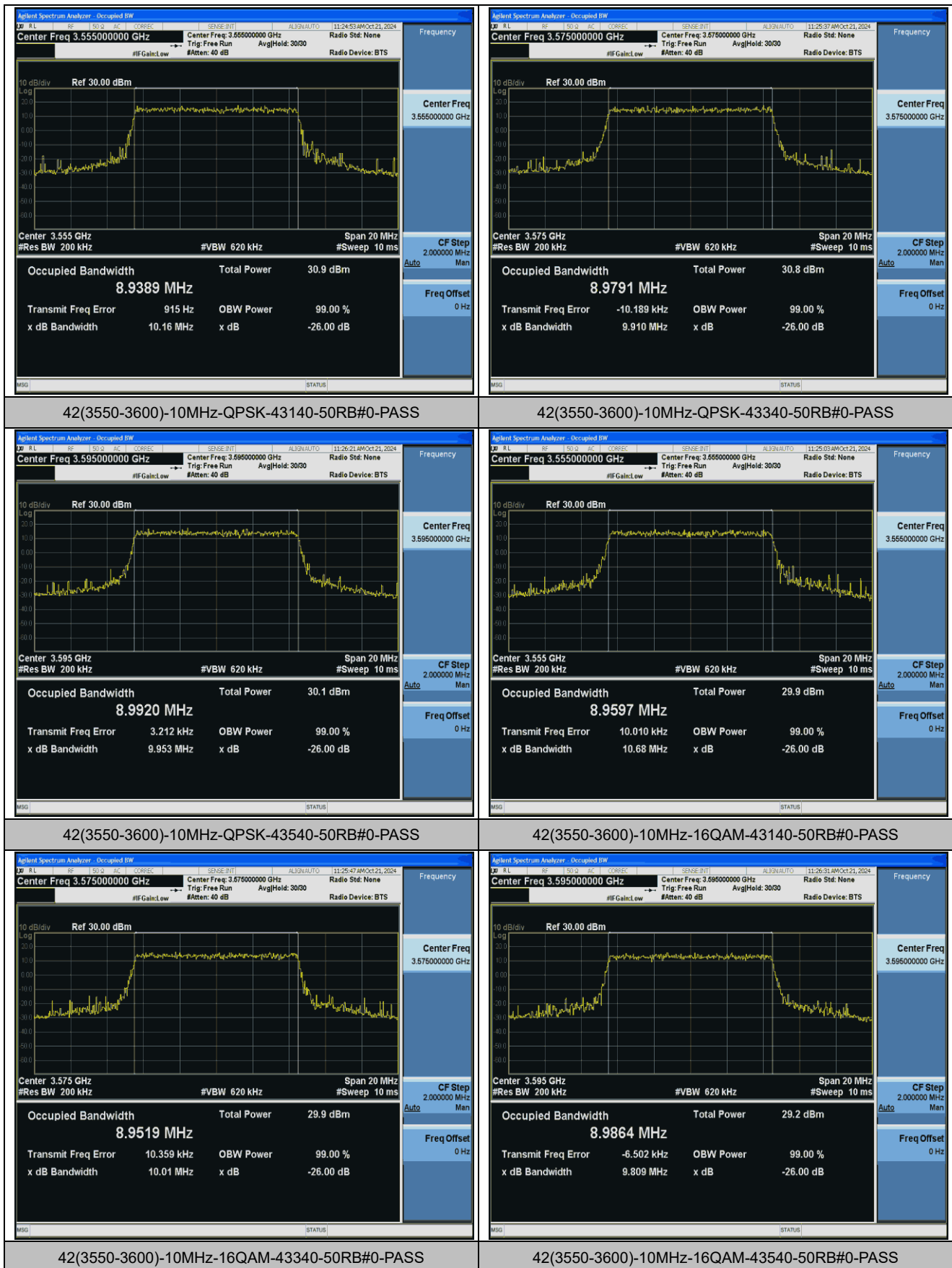
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
42(3550-3600)	5MHz	QPSK	43115	25RB#0	4.5069	5.236	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	4.5127	5.274	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	4.4913	5.119	PASS
42(3550-3600)	5MHz	16QAM	43115	25RB#0	4.5054	5.116	PASS
42(3550-3600)	5MHz	16QAM	43340	25RB#0	4.5115	5.148	PASS
42(3550-3600)	5MHz	16QAM	43565	25RB#0	4.5085	5.225	PASS
42(3550-3600)	5MHz	64QAM	43115	25RB#0	4.5045	5.211	PASS
42(3550-3600)	5MHz	64QAM	43340	25RB#0	4.5115	5.184	PASS
42(3550-3600)	5MHz	64QAM	43565	25RB#0	4.5003	5.017	PASS
42(3550-3600)	5MHz	256QAM	43115	25RB#0	4.5152	5.136	PASS
42(3550-3600)	5MHz	256QAM	43340	25RB#0	4.5158	5.138	PASS
42(3550-3600)	5MHz	256QAM	43565	25RB#0	4.5002	5.019	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	8.9389	10.16	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	8.9791	9.910	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	8.9920	9.953	PASS
42(3550-3600)	10MHz	16QAM	43140	50RB#0	8.9597	10.68	PASS
42(3550-3600)	10MHz	16QAM	43340	50RB#0	8.9519	10.01	PASS
42(3550-3600)	10MHz	16QAM	43540	50RB#0	8.9864	9.809	PASS
42(3550-3600)	10MHz	64QAM	43140	50RB#0	8.9806	10.28	PASS
42(3550-3600)	10MHz	64QAM	43340	50RB#0	8.9920	10.05	PASS
42(3550-3600)	10MHz	64QAM	43540	50RB#0	8.9609	10.08	PASS
42(3550-3600)	10MHz	256QAM	43140	50RB#0	8.9800	10.04	PASS
42(3550-3600)	10MHz	256QAM	43340	50RB#0	8.9522	10.29	PASS
42(3550-3600)	10MHz	256QAM	43540	50RB#0	8.9419	9.818	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	13.490	14.88	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	13.438	15.21	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	13.533	14.90	PASS
42(3550-3600)	15MHz	16QAM	43165	75RB#0	13.446	15.22	PASS
42(3550-3600)	15MHz	16QAM	43340	75RB#0	13.457	14.64	PASS
42(3550-3600)	15MHz	16QAM	43515	75RB#0	13.461	14.95	PASS
42(3550-3600)	15MHz	64QAM	43165	75RB#0	13.487	15.19	PASS
42(3550-3600)	15MHz	64QAM	43340	75RB#0	13.424	14.94	PASS
42(3550-3600)	15MHz	64QAM	43515	75RB#0	13.453	14.81	PASS
42(3550-3600)	15MHz	256QAM	43165	75RB#0	13.432	14.56	PASS
42(3550-3600)	15MHz	256QAM	43340	75RB#0	13.455	14.96	PASS
42(3550-3600)	15MHz	256QAM	43515	75RB#0	13.480	14.73	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	17.935	19.45	PASS

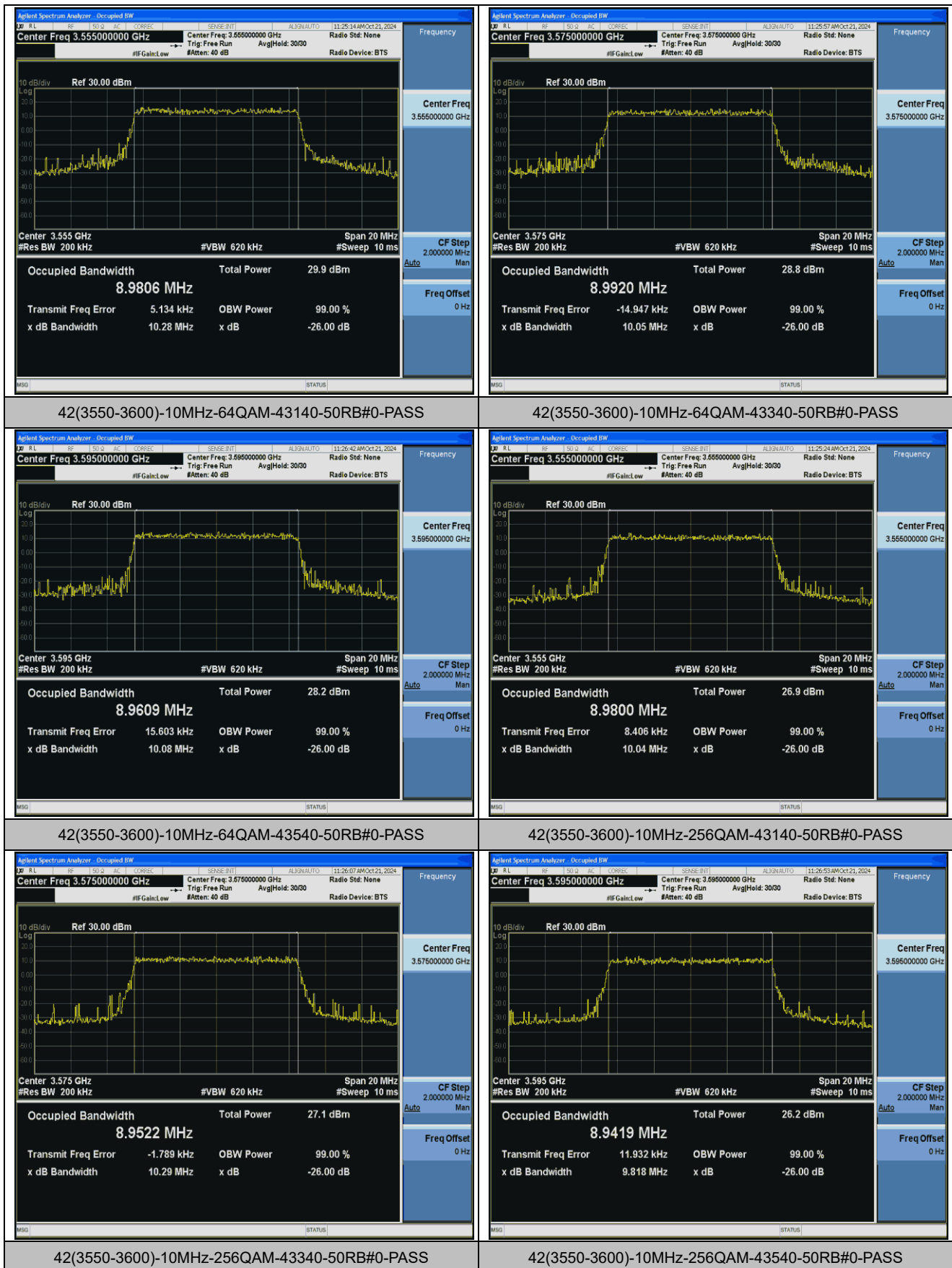
42(3550-3600)	20MHz	QPSK	43340	100RB#0	17.902	19.71	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	17.959	19.56	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	17.950	19.46	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	17.958	19.57	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	17.904	20.14	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	17.932	20.29	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	17.936	19.47	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	17.924	19.87	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	17.937	19.62	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	17.946	19.48	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	17.959	19.53	PASS

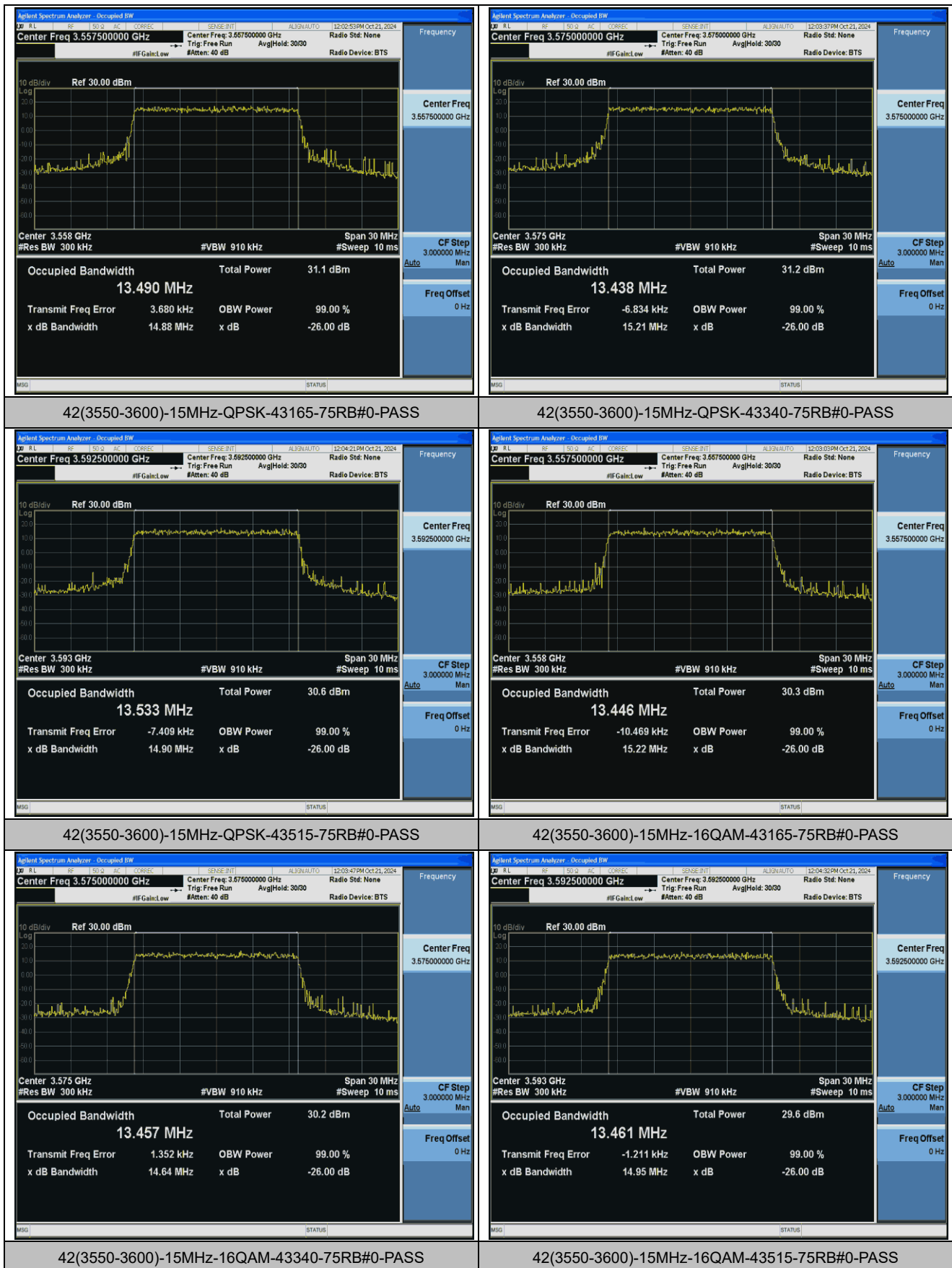
Test Graphs

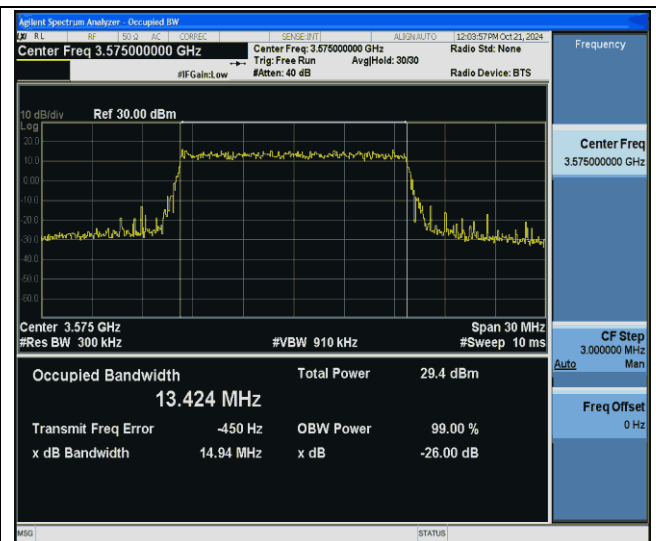




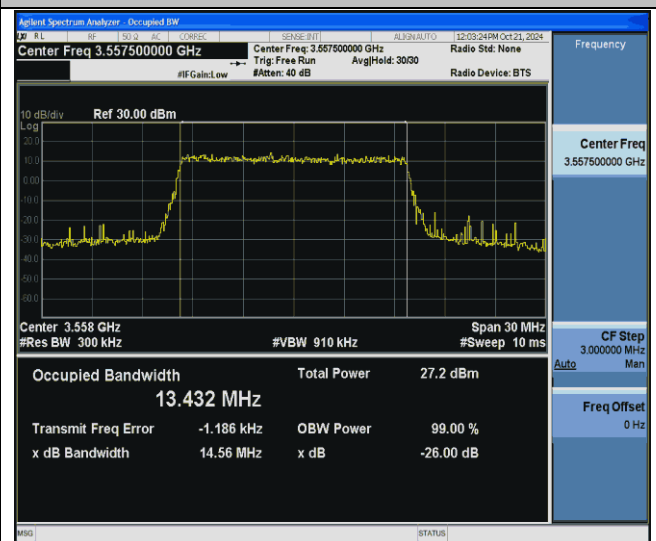








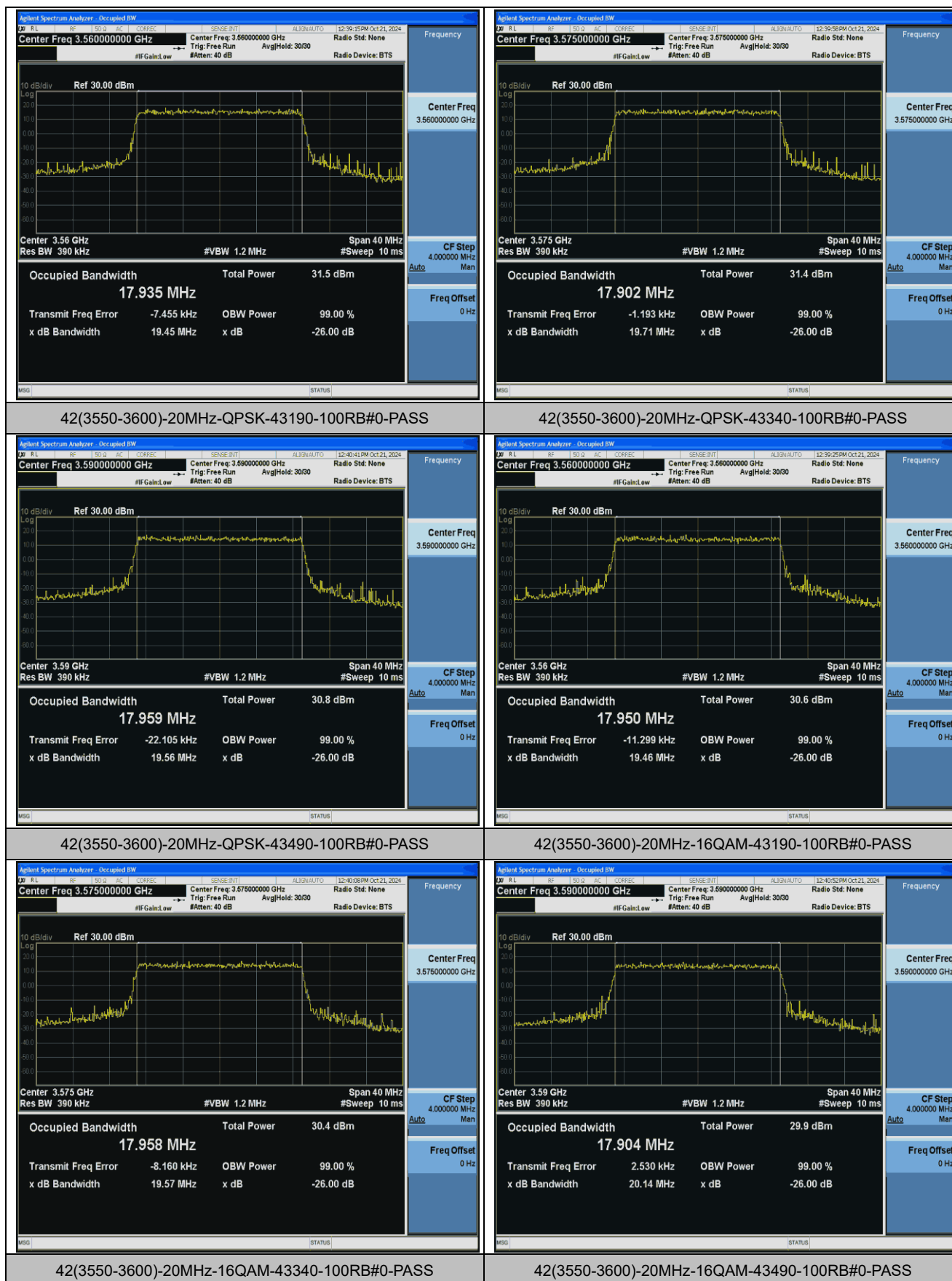
42(3550-3600)-15MHz-64QAM-43340-75RB#0-PASS

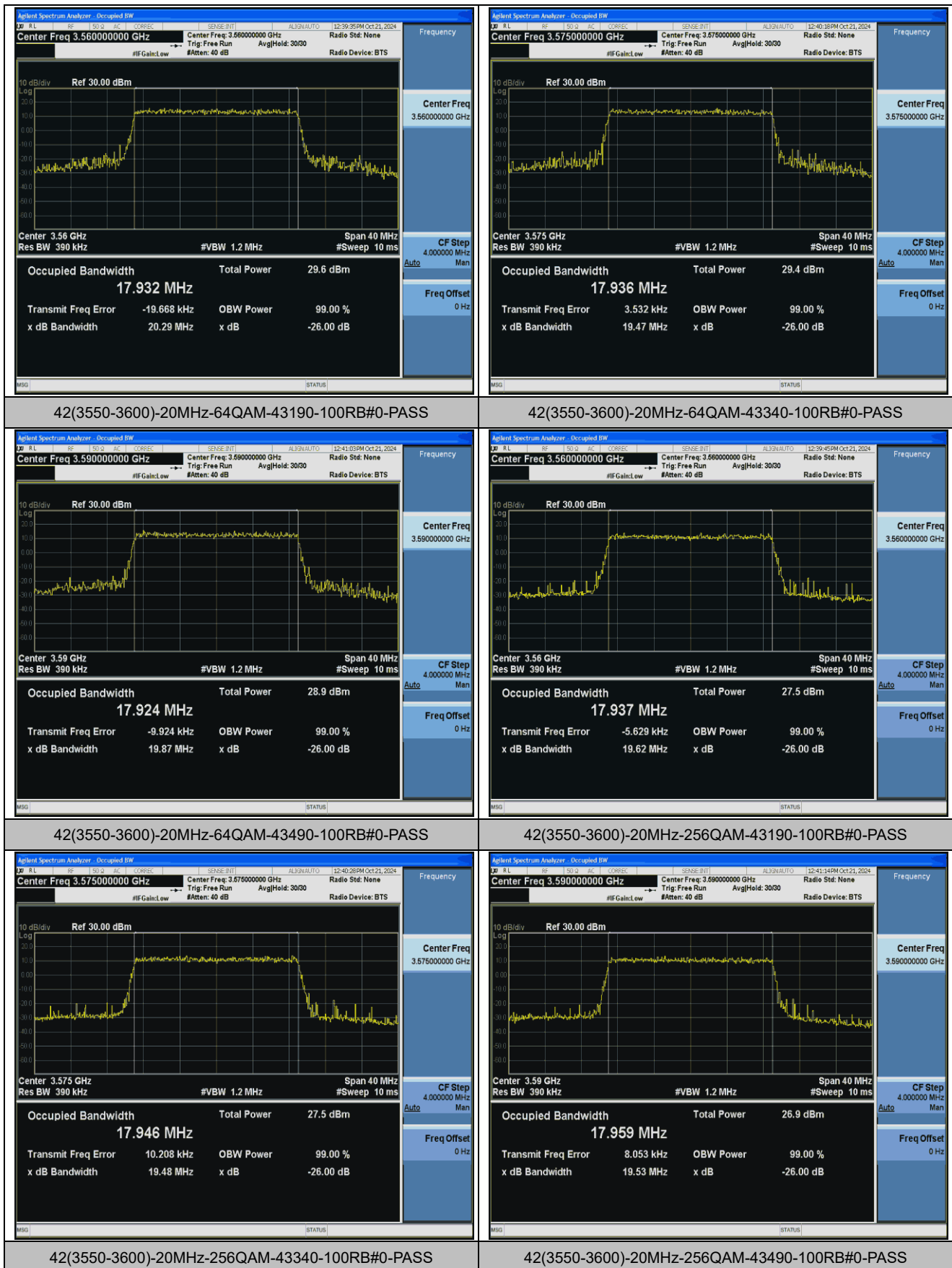


42(3550-3600)-15MHz-256QAM-43165-75RB#0-PASS



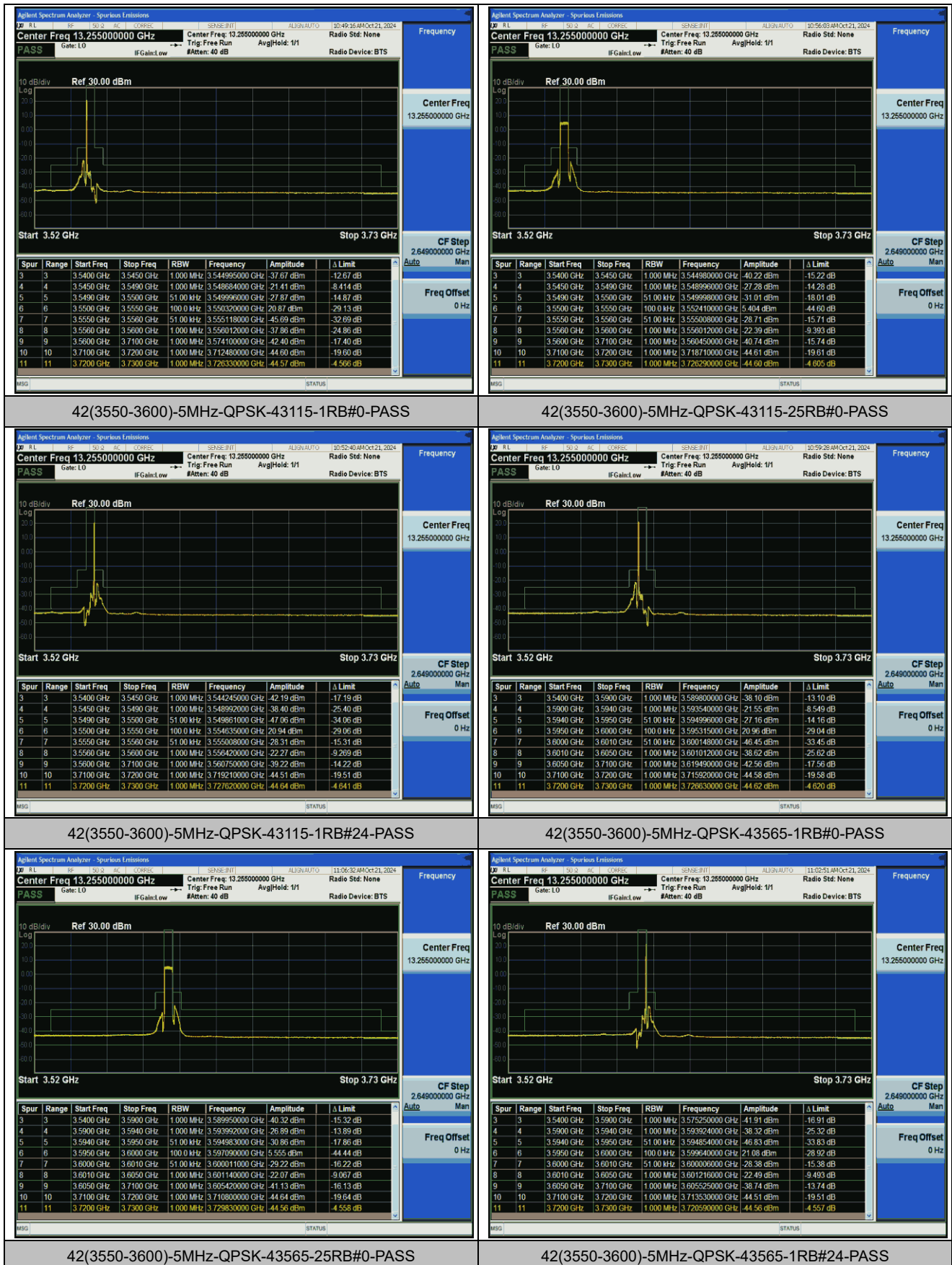
42(3550-3600)-15MHz-256QAM-43515-75RB#0-PASS

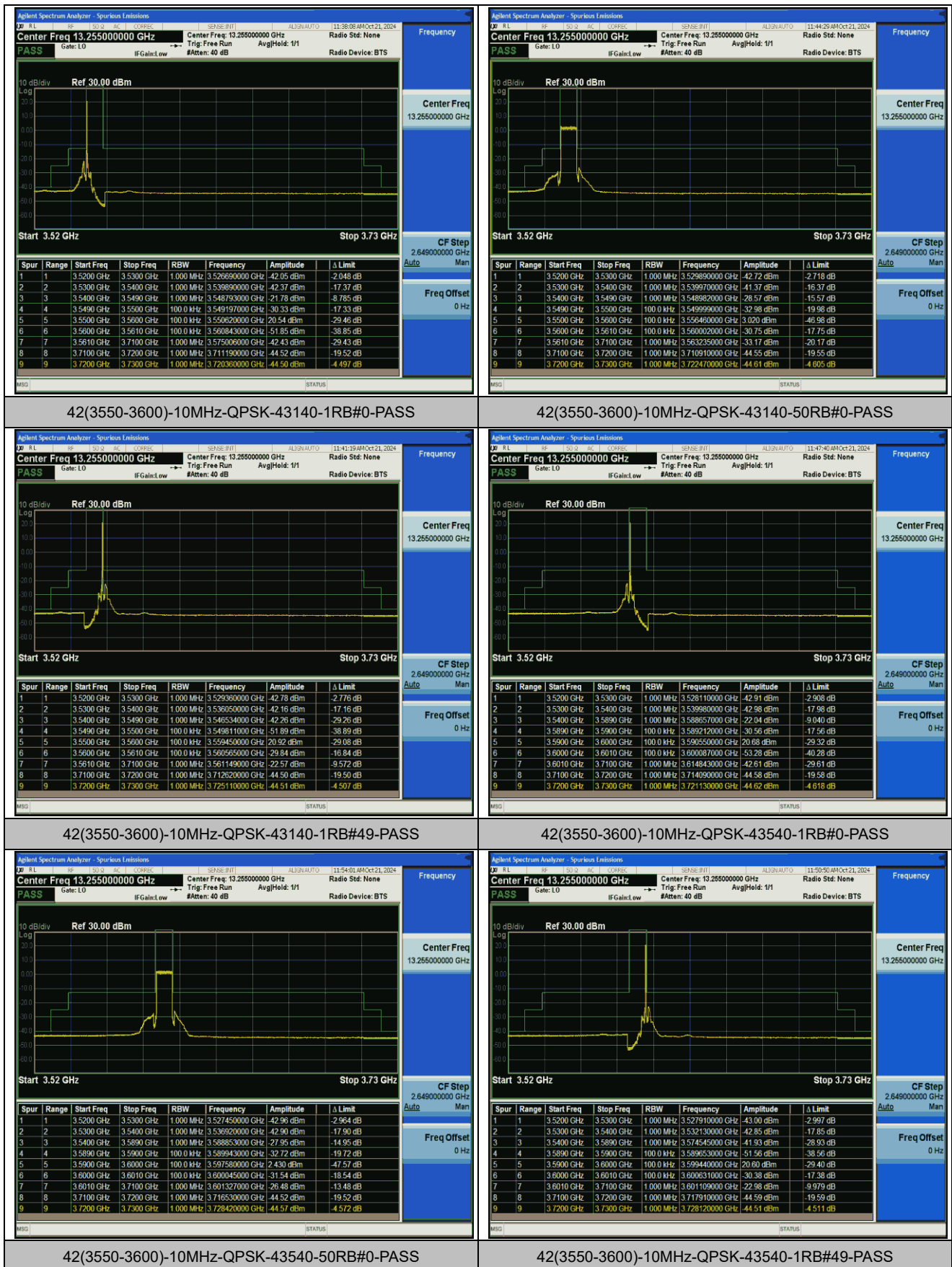


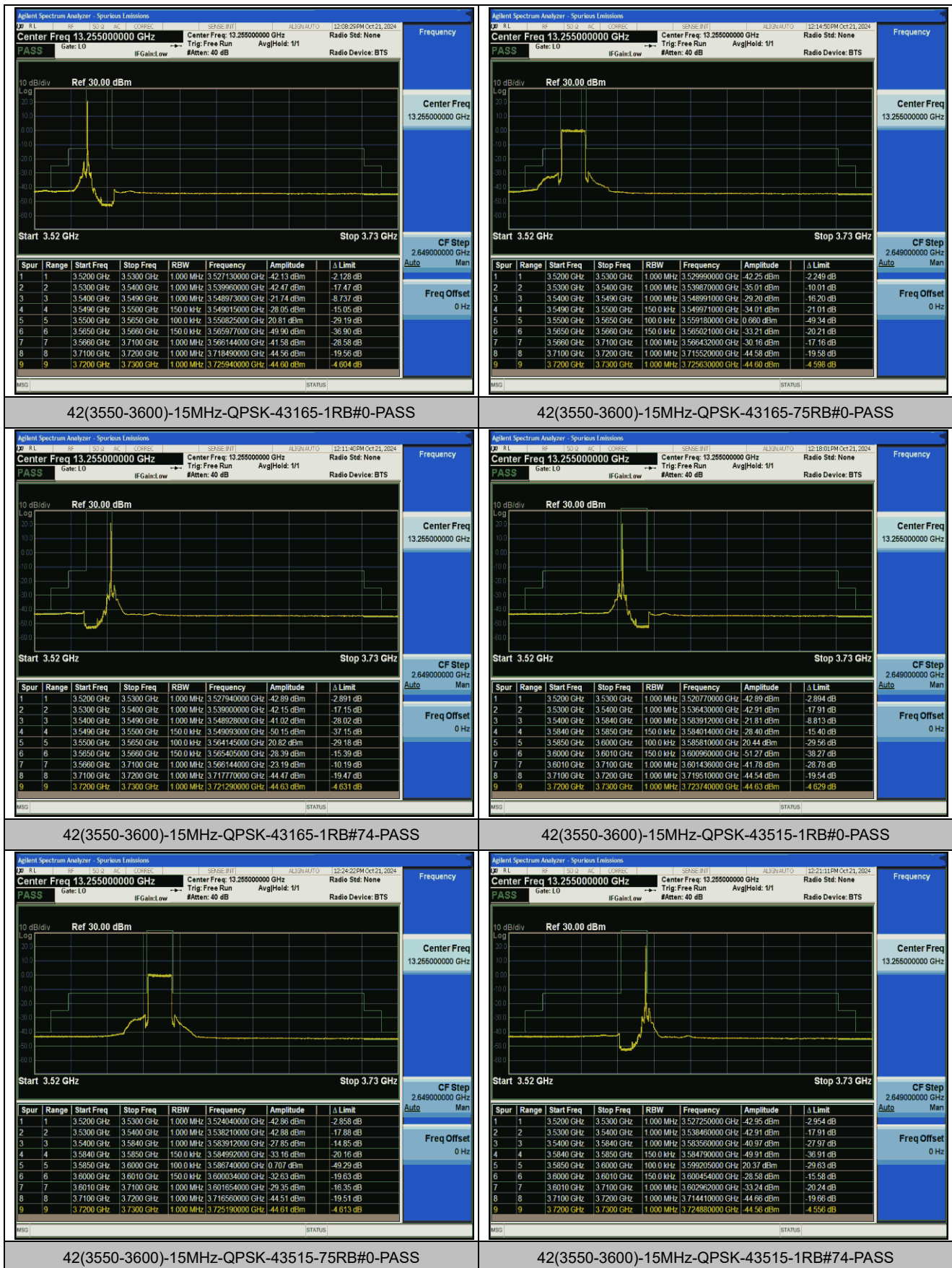


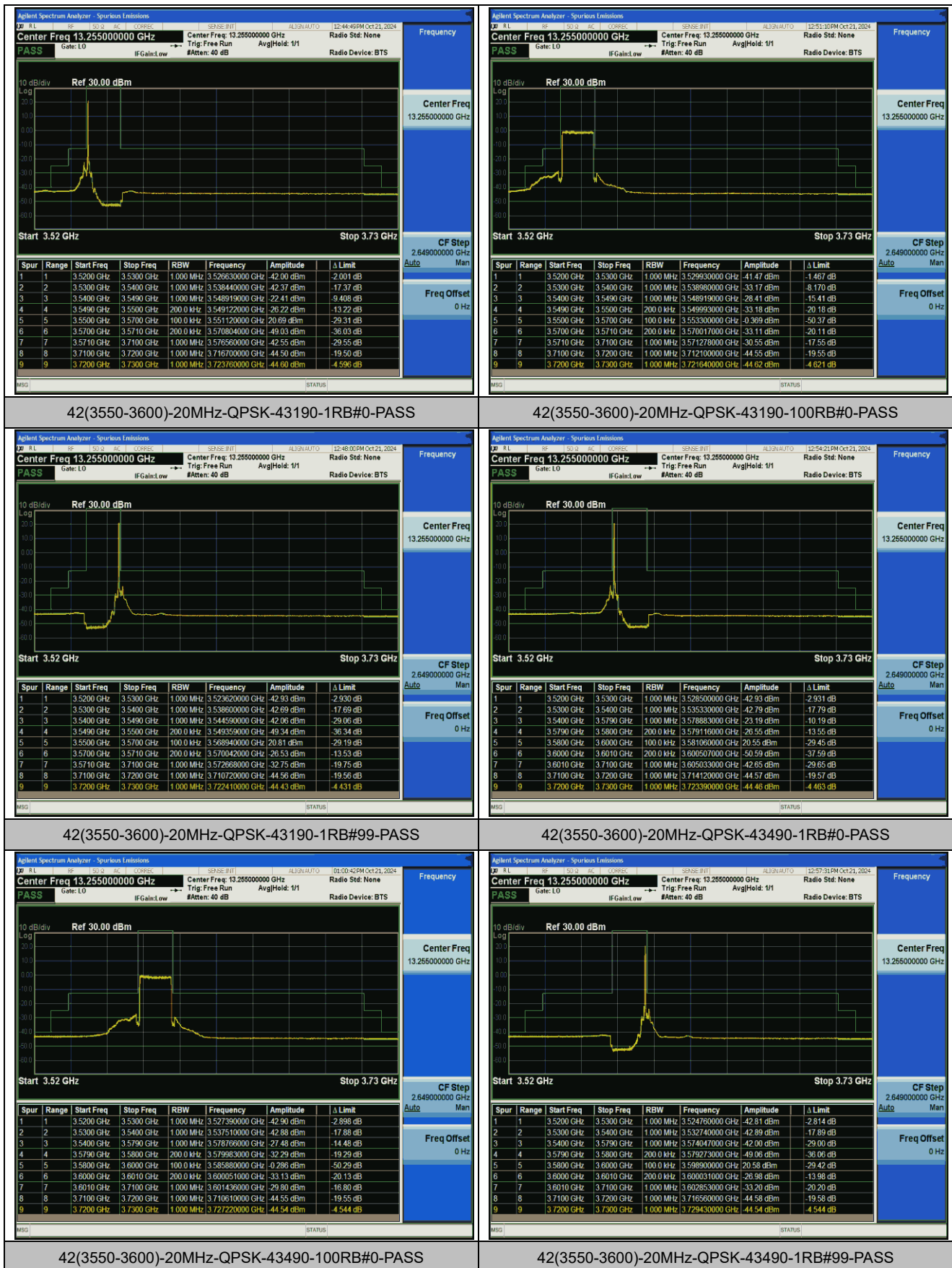
Band Edge

Test Graphs



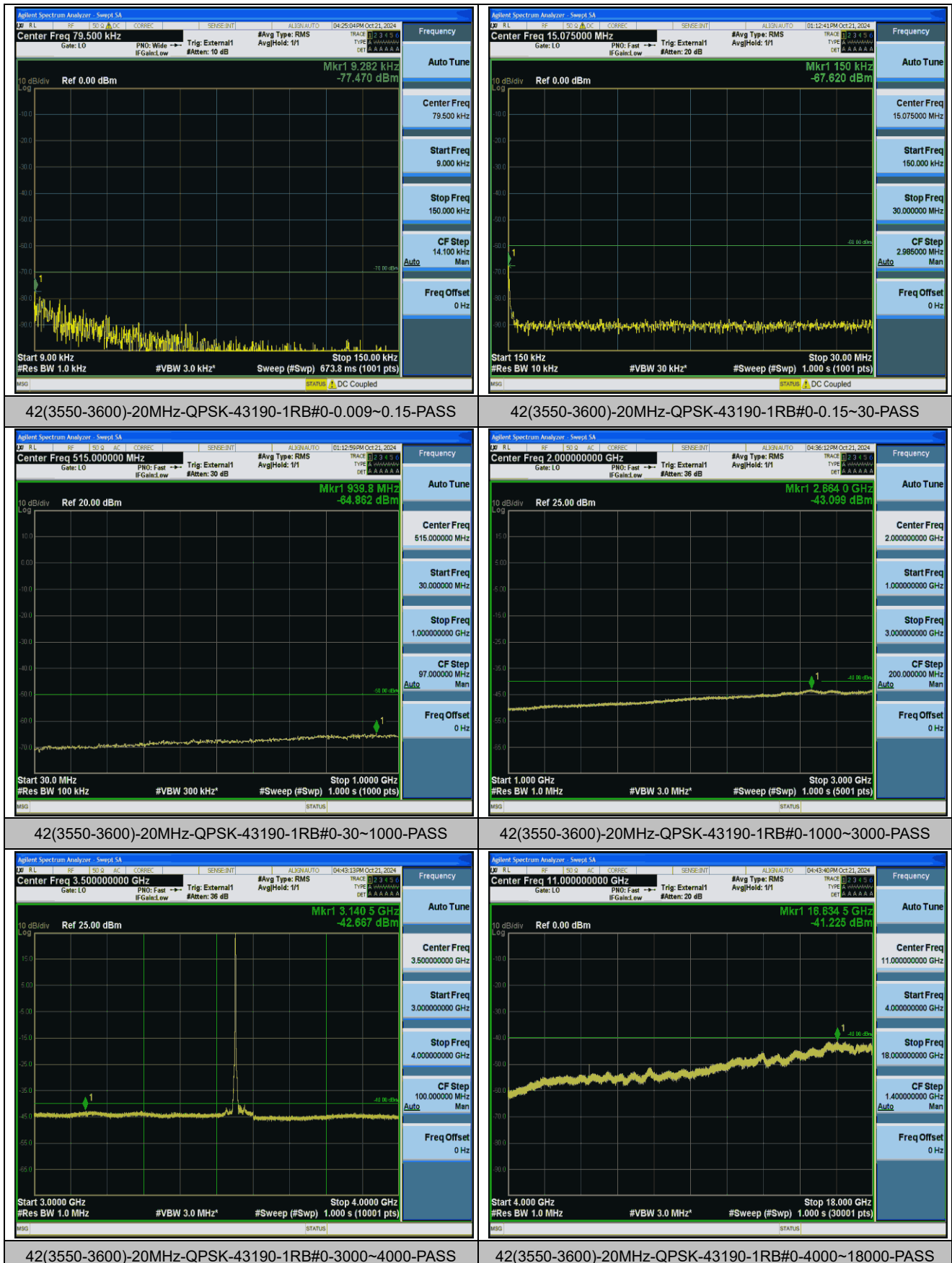






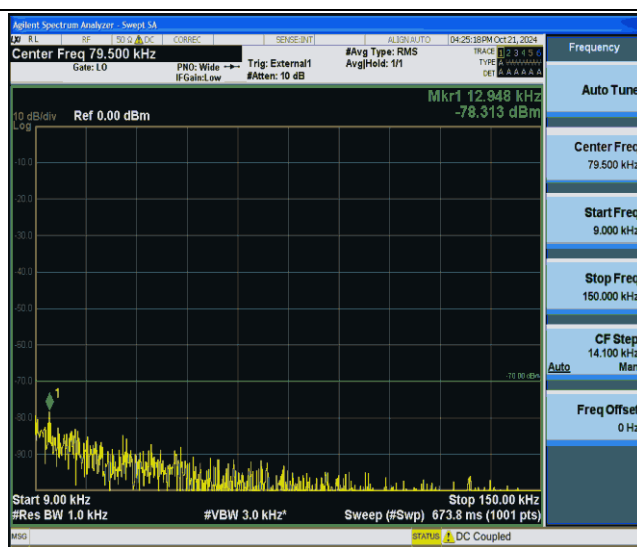
Conducted Spurious Emission

Test Graphs

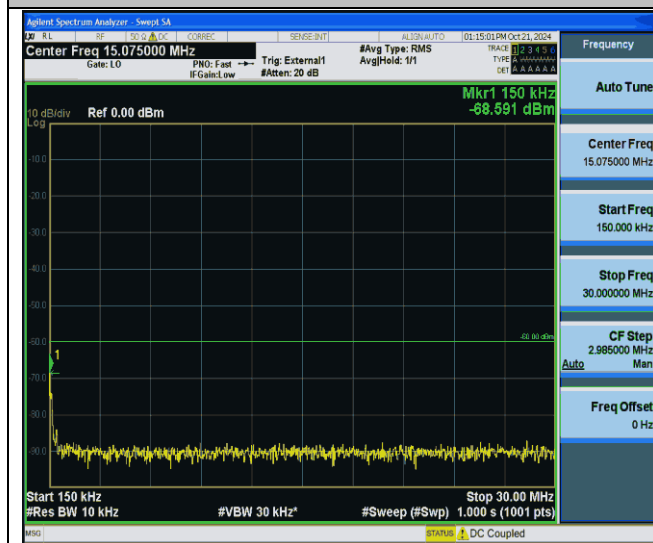




42(3550-3600)-20MHz-QPSK-43190-1RB#0-18000~40000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-0.009~0.15-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-0.15~30-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-30~1000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-1000~3000-PASS



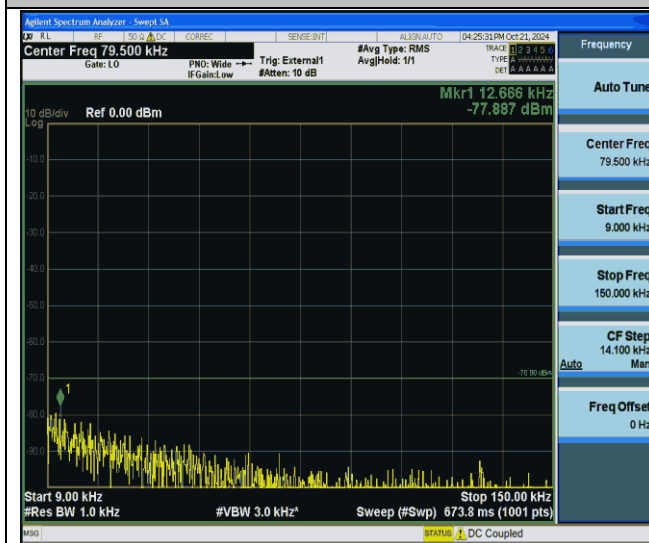
42(3550-3600)-20MHz-QPSK-43340-1RB#0-3000~4000-PASS



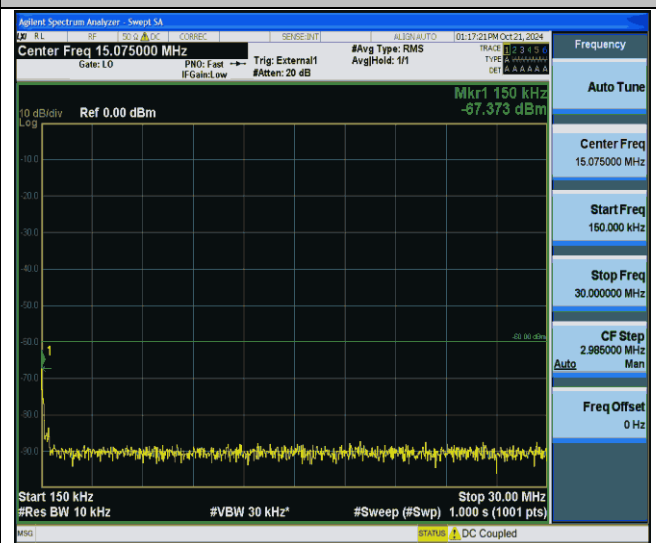
42(3550-3600)-20MHz-QPSK-43340-1RB#0-4000~18000-PASS



42(3550-3600)-20MHz-QPSK-43340-1RB#0-18000~40000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-0.009~0.15-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-0.15~30-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-30~1000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-1000~3000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-3000~4000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#0-4000~18000-PASS



42(3550-3600)-20MHz-QPSK-43490-1RB#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(3550-3600)	20MHz	QPSK	43190	100RB#0	VN	NT	-0.50	-0.000140	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	VL	NT	-0.80	-0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	VH	NT	-1.50	-0.000421	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-30	-0.10	-0.000028	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-20	0.40	0.000112	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	-10	-0.50	-0.000140	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	0	0.20	0.000056	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	10	1.30	0.000365	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	20	0.80	0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	30	-0.80	-0.000225	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	40	-0.30	-0.000084	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	NV	50	0.30	0.000084	PASS

~The End~