

Appendix-A LTE Band 43(3600-3700)

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8 Main:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band43(3600-3700)	5MHz	QPSK	43615	1RB#0	16.92	21.72	PASS
Band43(3600-3700)	5MHz	QPSK	43615	1RB#12	16.95	21.75	PASS
Band43(3600-3700)	5MHz	QPSK	43615	1RB#24	17.01	21.81	PASS
Band43(3600-3700)	5MHz	16QAM	43615	1RB#0	16.52	21.32	PASS
Band43(3600-3700)	5MHz	16QAM	43615	1RB#12	16.45	21.25	PASS
Band43(3600-3700)	5MHz	16QAM	43615	1RB#24	16.31	21.11	PASS
Band43(3600-3700)	5MHz	64QAM	43615	1RB#0	15.48	20.28	PASS
Band43(3600-3700)	5MHz	64QAM	43615	1RB#12	15.44	20.24	PASS
Band43(3600-3700)	5MHz	64QAM	43615	1RB#24	15.33	20.13	PASS
Band43(3600-3700)	5MHz	256QAM	43615	1RB#0	12.15	16.95	PASS
Band43(3600-3700)	5MHz	256QAM	43615	1RB#12	12.5	17.3	PASS
Band43(3600-3700)	5MHz	256QAM	43615	1RB#24	12.33	17.13	PASS
Band43(3600-3700)	5MHz	QPSK	44090	1RB#0	16.92	21.72	PASS
Band43(3600-3700)	5MHz	QPSK	44090	1RB#12	16.89	21.69	PASS
Band43(3600-3700)	5MHz	QPSK	44090	1RB#24	16.95	21.75	PASS
Band43(3600-3700)	5MHz	16QAM	44090	1RB#0	16.62	21.42	PASS
Band43(3600-3700)	5MHz	16QAM	44090	1RB#12	16.71	21.51	PASS
Band43(3600-3700)	5MHz	16QAM	44090	1RB#24	16.63	21.43	PASS
Band43(3600-3700)	5MHz	64QAM	44090	1RB#0	15.67	20.47	PASS
Band43(3600-3700)	5MHz	64QAM	44090	1RB#12	15.68	20.48	PASS
Band43(3600-3700)	5MHz	64QAM	44090	1RB#24	15.56	20.36	PASS
Band43(3600-3700)	5MHz	256QAM	44090	1RB#0	12.35	17.15	PASS
Band43(3600-3700)	5MHz	256QAM	44090	1RB#12	12.65	17.45	PASS
Band43(3600-3700)	5MHz	256QAM	44090	1RB#24	12.63	17.43	PASS
Band43(3600-3700)	5MHz	QPSK	44565	1RB#0	16.96	21.76	PASS
Band43(3600-3700)	5MHz	QPSK	44565	1RB#12	16.91	21.71	PASS
Band43(3600-3700)	5MHz	QPSK	44565	1RB#24	17	21.8	PASS
Band43(3600-3700)	5MHz	16QAM	44565	1RB#0	16.37	21.17	PASS
Band43(3600-3700)	5MHz	16QAM	44565	1RB#12	16.17	20.97	PASS
Band43(3600-3700)	5MHz	16QAM	44565	1RB#24	16.39	21.19	PASS
Band43(3600-3700)	5MHz	64QAM	44565	1RB#0	15.24	20.04	PASS
Band43(3600-3700)	5MHz	64QAM	44565	1RB#12	15.21	20.01	PASS
Band43(3600-3700)	5MHz	64QAM	44565	1RB#24	15.13	19.93	PASS
Band43(3600-3700)	5MHz	256QAM	44565	1RB#0	12.29	17.09	PASS
Band43(3600-3700)	5MHz	256QAM	44565	1RB#12	12.12	16.92	PASS
Band43(3600-3700)	5MHz	256QAM	44565	1RB#24	12.13	16.93	PASS

Band43(3600-3700)	10MHz	QPSK	43640	1RB#0	16.89	21.69	PASS
Band43(3600-3700)	10MHz	QPSK	43640	1RB#24	16.95	21.75	PASS
Band43(3600-3700)	10MHz	QPSK	43640	1RB#49	16.94	21.74	PASS
Band43(3600-3700)	10MHz	16QAM	43640	1RB#0	16.54	21.34	PASS
Band43(3600-3700)	10MHz	16QAM	43640	1RB#24	16.53	21.33	PASS
Band43(3600-3700)	10MHz	16QAM	43640	1RB#49	16.68	21.48	PASS
Band43(3600-3700)	10MHz	64QAM	43640	1RB#0	15.48	20.28	PASS
Band43(3600-3700)	10MHz	64QAM	43640	1RB#24	15.39	20.19	PASS
Band43(3600-3700)	10MHz	64QAM	43640	1RB#49	15.61	20.41	PASS
Band43(3600-3700)	10MHz	256QAM	43640	1RB#0	12.58	17.38	PASS
Band43(3600-3700)	10MHz	256QAM	43640	1RB#24	12.31	17.11	PASS
Band43(3600-3700)	10MHz	256QAM	43640	1RB#49	12.23	17.03	PASS
Band43(3600-3700)	10MHz	QPSK	44090	1RB#0	17.06	21.86	PASS
Band43(3600-3700)	10MHz	QPSK	44090	1RB#24	17.17	21.97	PASS
Band43(3600-3700)	10MHz	QPSK	44090	1RB#49	17.20	22	PASS
Band43(3600-3700)	10MHz	16QAM	44090	1RB#0	16.49	21.29	PASS
Band43(3600-3700)	10MHz	16QAM	44090	1RB#24	16.79	21.59	PASS
Band43(3600-3700)	10MHz	16QAM	44090	1RB#49	16.72	21.52	PASS
Band43(3600-3700)	10MHz	64QAM	44090	1RB#0	15.73	20.53	PASS
Band43(3600-3700)	10MHz	64QAM	44090	1RB#24	15.63	20.43	PASS
Band43(3600-3700)	10MHz	64QAM	44090	1RB#49	15.46	20.26	PASS
Band43(3600-3700)	10MHz	256QAM	44090	1RB#0	12.36	17.16	PASS
Band43(3600-3700)	10MHz	256QAM	44090	1RB#24	12.74	17.54	PASS
Band43(3600-3700)	10MHz	256QAM	44090	1RB#49	12.66	17.46	PASS
Band43(3600-3700)	10MHz	QPSK	44540	1RB#0	16.77	21.57	PASS
Band43(3600-3700)	10MHz	QPSK	44540	1RB#24	16.81	21.61	PASS
Band43(3600-3700)	10MHz	QPSK	44540	1RB#49	16.73	21.53	PASS
Band43(3600-3700)	10MHz	16QAM	44540	1RB#0	16.29	21.09	PASS
Band43(3600-3700)	10MHz	16QAM	44540	1RB#24	16.05	20.85	PASS
Band43(3600-3700)	10MHz	16QAM	44540	1RB#49	16.21	21.01	PASS
Band43(3600-3700)	10MHz	64QAM	44540	1RB#0	15.14	19.94	PASS
Band43(3600-3700)	10MHz	64QAM	44540	1RB#24	15.1	19.9	PASS
Band43(3600-3700)	10MHz	64QAM	44540	1RB#49	15.26	20.06	PASS
Band43(3600-3700)	10MHz	256QAM	44540	1RB#0	12.26	17.06	PASS
Band43(3600-3700)	10MHz	256QAM	44540	1RB#24	12.23	17.03	PASS
Band43(3600-3700)	10MHz	256QAM	44540	1RB#49	12.3	17.1	PASS
Band43(3600-3700)	15MHz	QPSK	43665	1RB#0	16.79	21.59	PASS
Band43(3600-3700)	15MHz	QPSK	43665	1RB#38	17.03	21.83	PASS
Band43(3600-3700)	15MHz	QPSK	43665	1RB#74	16.99	21.79	PASS
Band43(3600-3700)	15MHz	16QAM	43665	1RB#0	16.28	21.08	PASS
Band43(3600-3700)	15MHz	16QAM	43665	1RB#38	16.41	21.21	PASS
Band43(3600-3700)	15MHz	16QAM	43665	1RB#74	16.41	21.21	PASS
Band43(3600-3700)	15MHz	64QAM	43665	1RB#0	15.26	20.06	PASS
Band43(3600-3700)	15MHz	64QAM	43665	1RB#38	15.75	20.55	PASS
Band43(3600-3700)	15MHz	64QAM	43665	1RB#74	15.36	20.16	PASS

Band43(3600-3700)	15MHz	256QAM	43665	1RB#0	12.19	16.99	PASS
Band43(3600-3700)	15MHz	256QAM	43665	1RB#38	12.24	17.04	PASS
Band43(3600-3700)	15MHz	256QAM	43665	1RB#74	12.35	17.15	PASS
Band43(3600-3700)	15MHz	QPSK	44090	1RB#0	17.10	21.9	PASS
Band43(3600-3700)	15MHz	QPSK	44090	1RB#38	17.10	21.9	PASS
Band43(3600-3700)	15MHz	QPSK	44090	1RB#74	17.24	22.04	PASS
Band43(3600-3700)	15MHz	16QAM	44090	1RB#0	16.45	21.25	PASS
Band43(3600-3700)	15MHz	16QAM	44090	1RB#38	16.71	21.51	PASS
Band43(3600-3700)	15MHz	16QAM	44090	1RB#74	16.77	21.57	PASS
Band43(3600-3700)	15MHz	64QAM	44090	1RB#0	15.54	20.34	PASS
Band43(3600-3700)	15MHz	64QAM	44090	1RB#38	15.69	20.49	PASS
Band43(3600-3700)	15MHz	64QAM	44090	1RB#74	15.72	20.52	PASS
Band43(3600-3700)	15MHz	256QAM	44090	1RB#0	12.3	17.1	PASS
Band43(3600-3700)	15MHz	256QAM	44090	1RB#38	12.44	17.24	PASS
Band43(3600-3700)	15MHz	256QAM	44090	1RB#74	12.57	17.37	PASS
Band43(3600-3700)	15MHz	QPSK	44515	1RB#0	16.77	21.57	PASS
Band43(3600-3700)	15MHz	QPSK	44515	1RB#38	16.85	21.65	PASS
Band43(3600-3700)	15MHz	QPSK	44515	1RB#74	16.73	21.53	PASS
Band43(3600-3700)	15MHz	16QAM	44515	1RB#0	16.18	20.98	PASS
Band43(3600-3700)	15MHz	16QAM	44515	1RB#38	16.07	20.87	PASS
Band43(3600-3700)	15MHz	16QAM	44515	1RB#74	16.11	20.91	PASS
Band43(3600-3700)	15MHz	64QAM	44515	1RB#0	15.16	19.96	PASS
Band43(3600-3700)	15MHz	64QAM	44515	1RB#38	15.43	20.23	PASS
Band43(3600-3700)	15MHz	64QAM	44515	1RB#74	15.07	19.87	PASS
Band43(3600-3700)	15MHz	256QAM	44515	1RB#0	12.27	17.07	PASS
Band43(3600-3700)	15MHz	256QAM	44515	1RB#38	12.16	16.96	PASS
Band43(3600-3700)	15MHz	256QAM	44515	1RB#74	12.34	17.14	PASS
Band43(3600-3700)	20MHz	QPSK	43690	1RB#0	16.85	21.65	PASS
Band43(3600-3700)	20MHz	QPSK	43690	1RB#49	17.00	21.8	PASS
Band43(3600-3700)	20MHz	QPSK	43690	1RB#99	17.07	21.87	PASS
Band43(3600-3700)	20MHz	16QAM	43690	1RB#0	16.56	21.36	PASS
Band43(3600-3700)	20MHz	16QAM	43690	1RB#49	16.7	21.5	PASS
Band43(3600-3700)	20MHz	16QAM	43690	1RB#99	16.73	21.53	PASS
Band43(3600-3700)	20MHz	64QAM	43690	1RB#0	15.27	20.07	PASS
Band43(3600-3700)	20MHz	64QAM	43690	1RB#49	15.39	20.19	PASS
Band43(3600-3700)	20MHz	64QAM	43690	1RB#99	15.94	20.74	PASS
Band43(3600-3700)	20MHz	256QAM	43690	1RB#0	12.28	17.08	PASS
Band43(3600-3700)	20MHz	256QAM	43690	1RB#49	12.48	17.28	PASS
Band43(3600-3700)	20MHz	256QAM	43690	1RB#99	12.64	17.44	PASS
Band43(3600-3700)	20MHz	QPSK	44090	1RB#0	17.06	21.86	PASS
Band43(3600-3700)	20MHz	QPSK	44090	1RB#49	17.11	21.91	PASS
Band43(3600-3700)	20MHz	QPSK	44090	1RB#99	17.17	21.97	PASS
Band43(3600-3700)	20MHz	16QAM	44090	1RB#0	16.63	21.43	PASS
Band43(3600-3700)	20MHz	16QAM	44090	1RB#49	16.52	21.32	PASS
Band43(3600-3700)	20MHz	16QAM	44090	1RB#99	16.65	21.45	PASS

Band43(3600-3700)	20MHz	64QAM	44090	1RB#0	15.26	20.06	PASS
Band43(3600-3700)	20MHz	64QAM	44090	1RB#49	15.84	20.64	PASS
Band43(3600-3700)	20MHz	64QAM	44090	1RB#99	15.94	20.74	PASS
Band43(3600-3700)	20MHz	256QAM	44090	1RB#0	12.31	17.11	PASS
Band43(3600-3700)	20MHz	256QAM	44090	1RB#49	12.6	17.4	PASS
Band43(3600-3700)	20MHz	256QAM	44090	1RB#99	12.58	17.38	PASS
Band43(3600-3700)	20MHz	QPSK	44490	1RB#0	16.80	21.6	PASS
Band43(3600-3700)	20MHz	QPSK	44490	1RB#49	16.79	21.59	PASS
Band43(3600-3700)	20MHz	QPSK	44490	1RB#99	16.76	21.56	PASS
Band43(3600-3700)	20MHz	16QAM	44490	1RB#0	16.37	21.17	PASS
Band43(3600-3700)	20MHz	16QAM	44490	1RB#49	16.14	20.94	PASS
Band43(3600-3700)	20MHz	16QAM	44490	1RB#99	16.28	21.08	PASS
Band43(3600-3700)	20MHz	64QAM	44490	1RB#0	15.55	20.35	PASS
Band43(3600-3700)	20MHz	64QAM	44490	1RB#49	15.33	20.13	PASS
Band43(3600-3700)	20MHz	64QAM	44490	1RB#99	15.24	20.04	PASS
Band43(3600-3700)	20MHz	256QAM	44490	1RB#0	12.33	17.13	PASS
Band43(3600-3700)	20MHz	256QAM	44490	1RB#49	12.39	17.19	PASS
Band43(3600-3700)	20MHz	256QAM	44490	1RB#99	12.11	16.91	PASS

Maximum EIRP and Maximum PSD

Test Result

Ant8 Main:

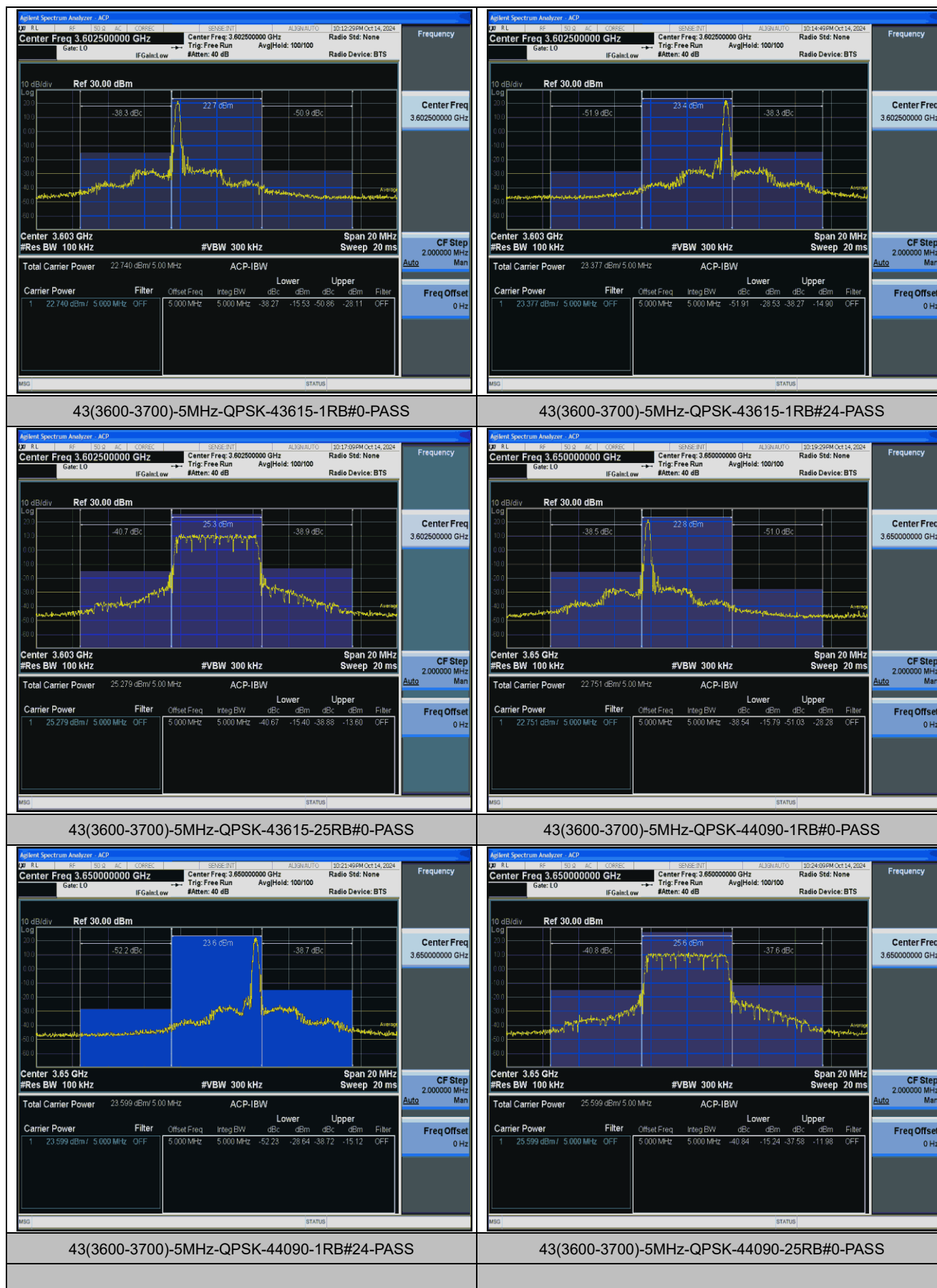
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	PSD Limit	Verdict
43(3600-3700)	5MHz	QPSK	43615	1RB#0	16.91	21.71	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#12	16.87	21.67	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#24	16.82	21.62	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#0	16.97	21.77	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#12	16.92	21.72	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#24	16.84	21.64	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#0	16.41	21.21	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#12	16.49	21.29	23	N/A	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#24	16.55	21.35	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#0	16.72	21.52	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#24	16.79	21.59	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#49	16.79	21.59	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#0	16.85	21.65	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#24	16.94	21.74	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#49	16.94	21.74	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#0	16.60	21.4	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#24	16.54	21.34	23	N/A	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#49	16.54	21.34	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#0	16.66	21.46	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#38	16.89	21.69	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#74	16.79	21.59	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#0	16.78	21.58	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#38	16.76	21.56	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#74	16.85	21.65	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#0	16.70	21.5	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#38	16.50	21.3	23	N/A	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#74	16.50	21.3	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#0	16.80	21.6	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#49	17.16	21.96	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#99	17.13	21.93	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#0	16.85	21.65	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#49	17.03	21.83	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#99	17.04	21.84	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#0	16.83	21.63	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#49	16.70	21.5	23	N/A	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#99	16.81	21.61	23	N/A	PASS

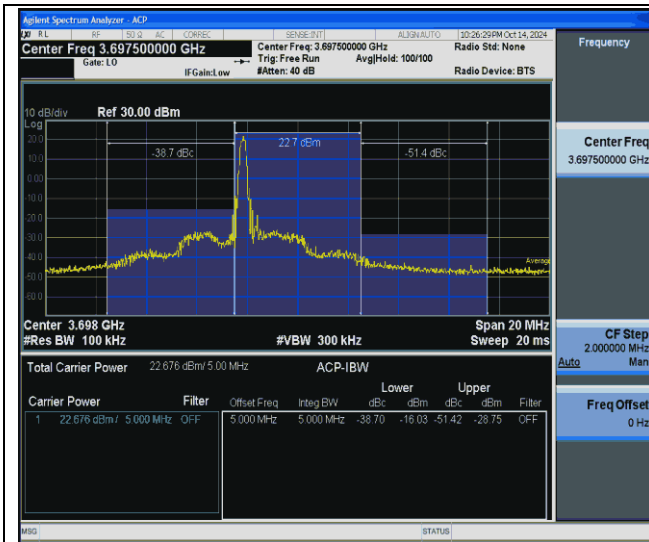
Adjacent Channel Leakage Ratio

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	ACLR_Lower (dBm)	ACLR_Upper (dBm)	ACLR_Limit (dBm)	Verdict
43(3600-3700)	5MHz	QPSK	43615	1RB#0	38.27	50.86	≥30	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#24	51.91	38.27	≥30	PASS
43(3600-3700)	5MHz	QPSK	43615	25RB#0	40.67	38.88	≥30	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#0	38.54	51.03	≥30	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#24	52.23	38.72	≥30	PASS
43(3600-3700)	5MHz	QPSK	44090	25RB#0	40.84	37.58	≥30	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#0	38.7	51.42	≥30	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#24	52.15	39.13	≥30	PASS
43(3600-3700)	5MHz	QPSK	44565	25RB#0	40.08	37.23	≥30	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#0	39.31	50.2	≥30	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#49	49.96	37.29	≥30	PASS
43(3600-3700)	10MHz	QPSK	43640	50RB#0	42.24	41.46	≥30	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#0	39.62	50.53	≥30	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#49	50.09	38.47	≥30	PASS
43(3600-3700)	10MHz	QPSK	44090	50RB#0	40.87	39.89	≥30	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#0	39.87	50.54	≥30	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#49	50.17	38.66	≥30	PASS
43(3600-3700)	10MHz	QPSK	44540	50RB#0	39.45	39.11	≥30	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#0	39.54	48.94	≥30	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#74	48.08	38.06	≥30	PASS
43(3600-3700)	15MHz	QPSK	43665	75RB#0	42.53	42.69	≥30	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#0	39.71	49.08	≥30	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#74	48.32	38.63	≥30	PASS
43(3600-3700)	15MHz	QPSK	44090	75RB#0	40.85	41.47	≥30	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#0	40.32	49.3	≥30	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#74	48.18	38.84	≥30	PASS
43(3600-3700)	15MHz	QPSK	44515	75RB#0	39.67	40.54	≥30	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#0	38.3	47.19	≥30	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#99	46.77	37.94	≥30	PASS
43(3600-3700)	20MHz	QPSK	43690	100RB#0	41.8	42.79	≥30	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#0	38.9	47.54	≥30	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#99	47.16	38.27	≥30	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	40.11	42.06	≥30	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#0	39.03	47.53	≥30	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#99	46.89	38.61	≥30	PASS
43(3600-3700)	20MHz	QPSK	44490	100RB#0	39.35	41.5	≥30	PASS

Test Graphs





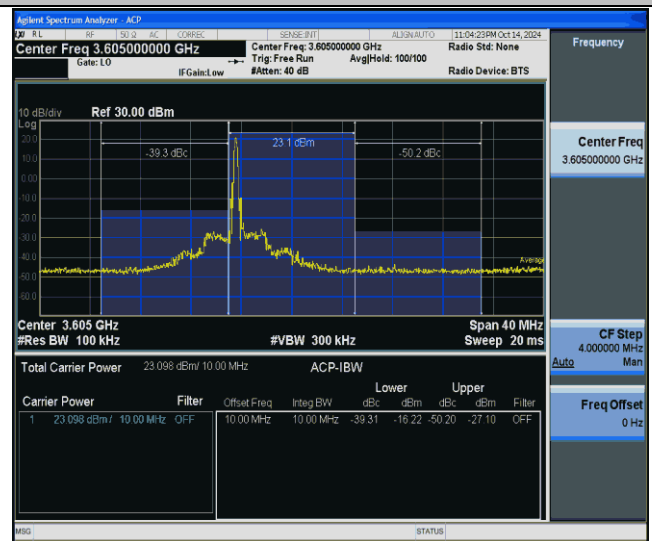
43(3600-3700)-5MHz-QPSK-44565-1RB#0-PASS



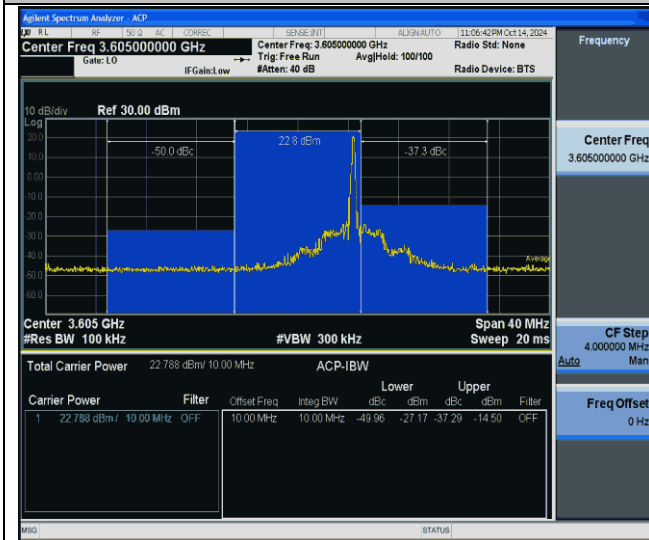
43(3600-3700)-5MHz-QPSK-44565-1RB#24-PASS



43(3600-3700)-5MHz-QPSK-44565-25RB#0-PASS



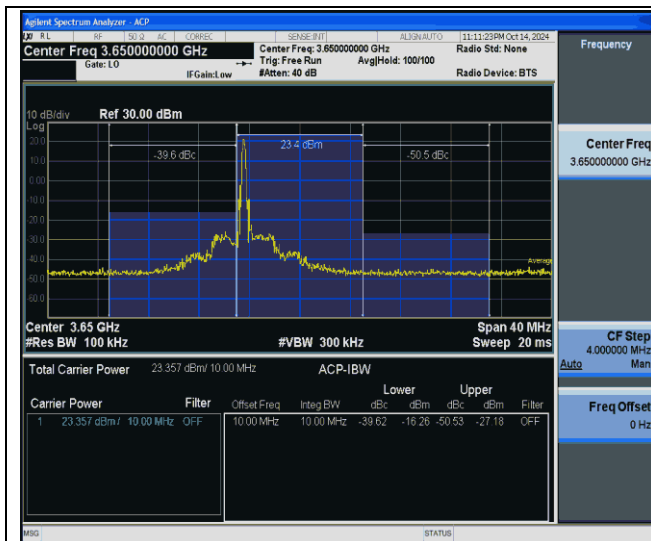
43(3600-3700)-10MHz-QPSK-43640-1RB#0-PASS



43(3600-3700)-10MHz-QPSK-43640-1RB#49-PASS



43(3600-3700)-10MHz-QPSK-43640-50RB#0-PASS



43(3600-3700)-10MHz-QPSK-44090-1RB#0-PASS



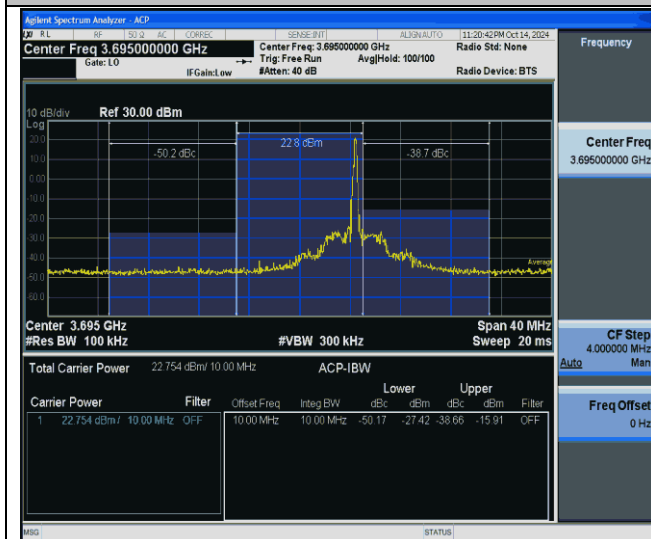
43(3600-3700)-10MHz-QPSK-44090-1RB#49-PASS



43(3600-3700)-10MHz-QPSK-44090-50RB#0-PASS



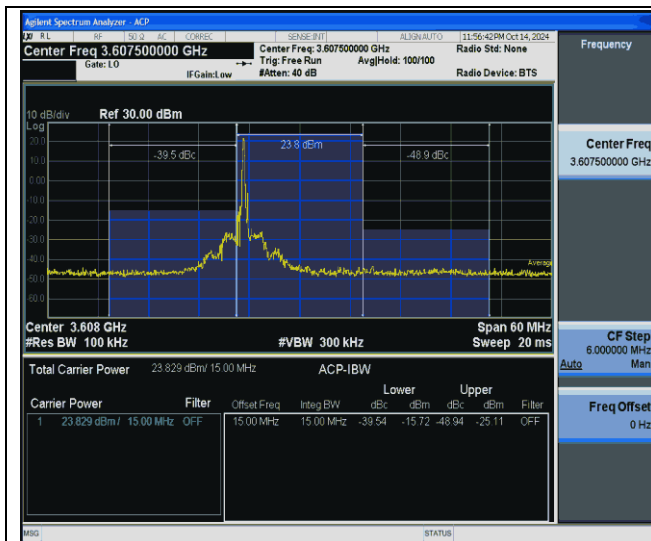
43(3600-3700)-10MHz-QPSK-44540-1RB#0-PASS



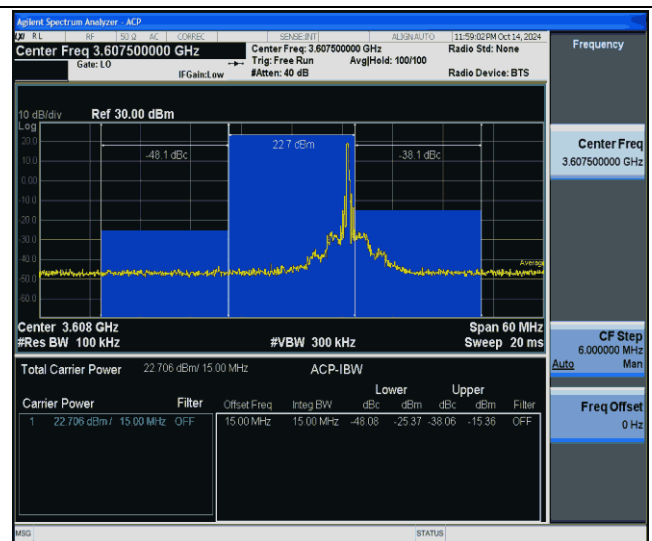
43(3600-3700)-10MHz-QPSK-44540-1RB#49-PASS



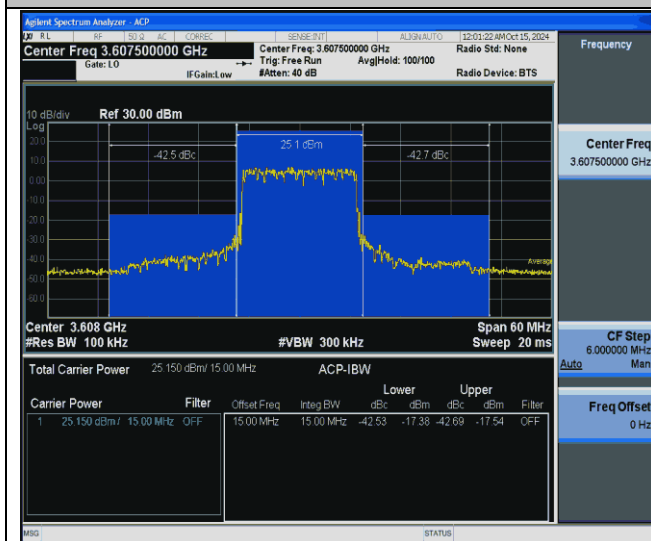
43(3600-3700)-10MHz-QPSK-44540-50RB#0-PASS



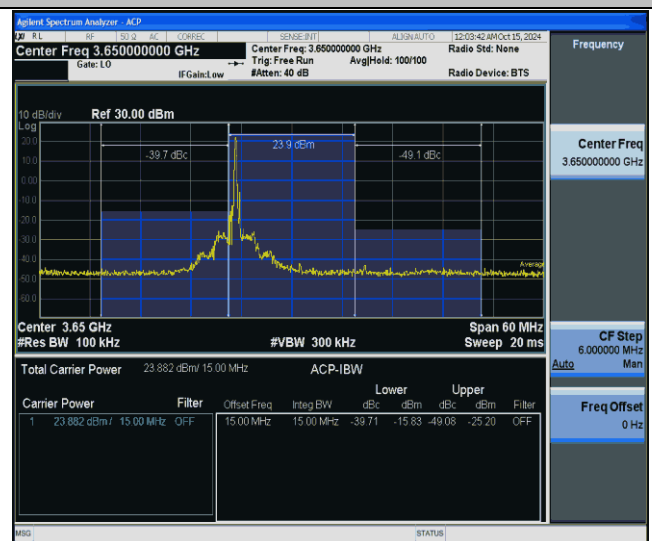
43(3600-3700)-15MHz-QPSK-43665-1RB#0-PASS



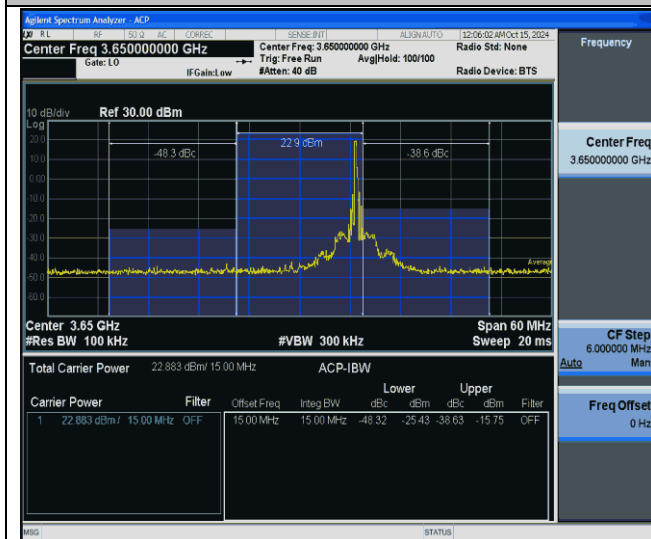
43(3600-3700)-15MHz-QPSK-43665-1RB#74-PASS



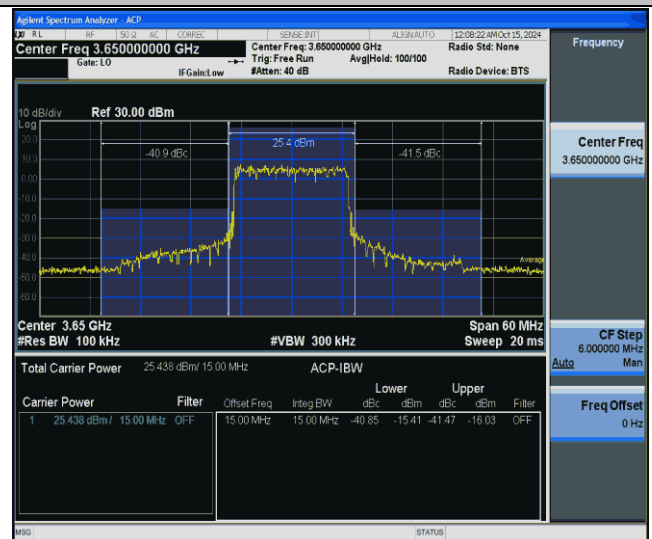
43(3600-3700)-15MHz-QPSK-43665-75RB#0-PASS



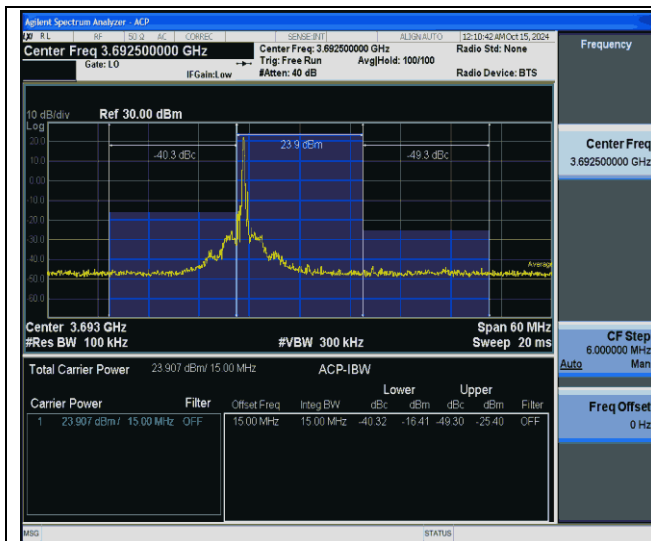
43(3600-3700)-15MHz-QPSK-44090-1RB#0-PASS



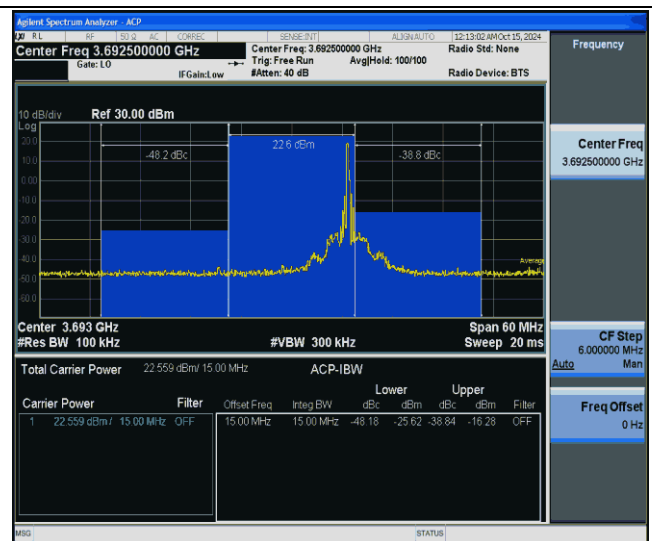
43(3600-3700)-15MHz-QPSK-44090-1RB#74-PASS



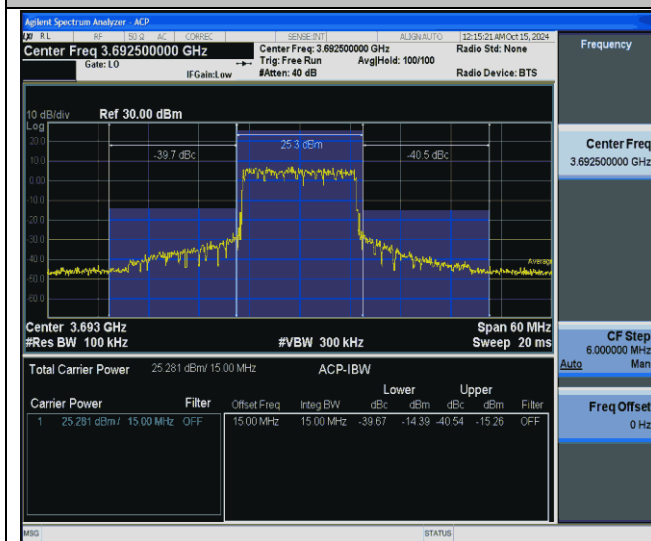
43(3600-3700)-15MHz-QPSK-44090-75RB#0-PASS



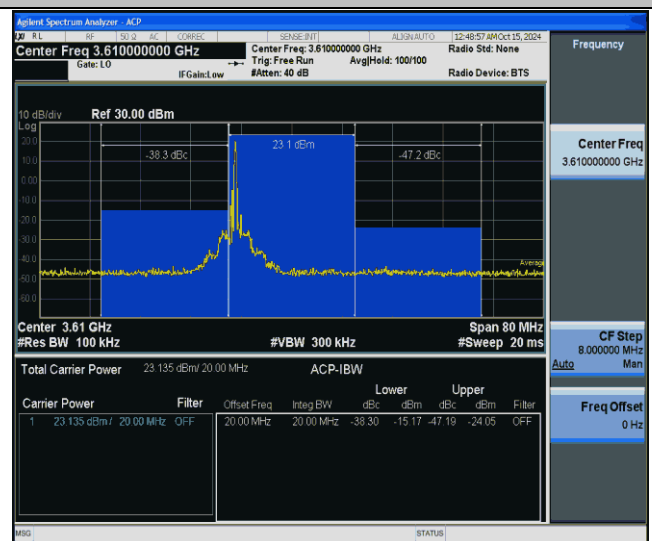
43(3600-3700)-15MHz-QPSK-44515-1RB#0-PASS



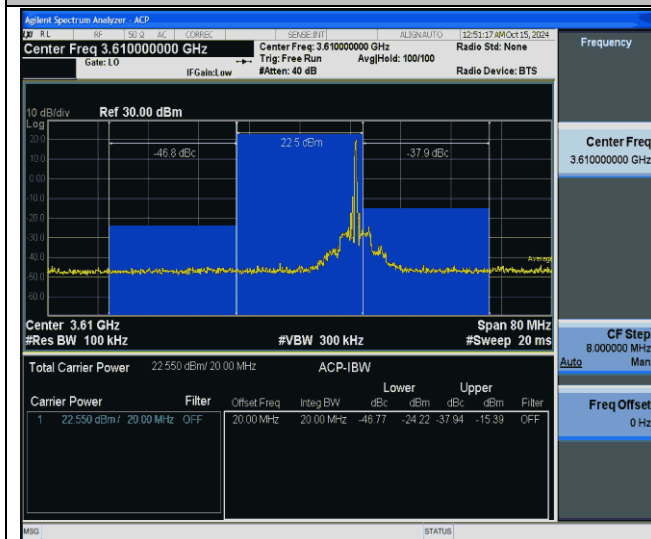
43(3600-3700)-15MHz-QPSK-44515-1RB#74-PASS



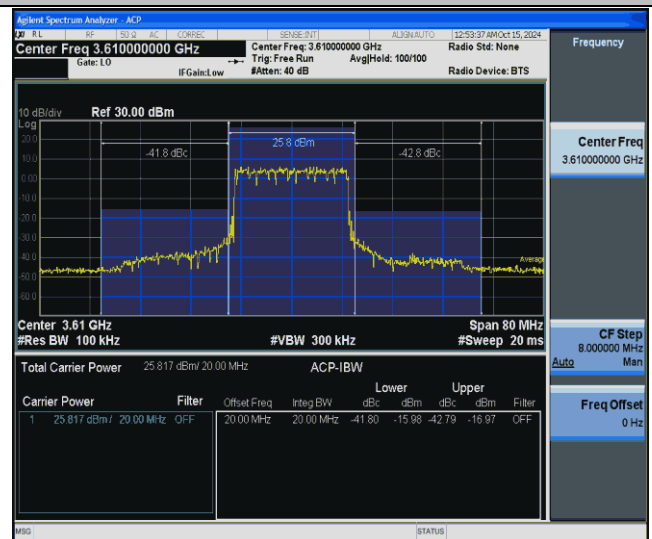
43(3600-3700)-15MHz-QPSK-44515-75RB#0-PASS



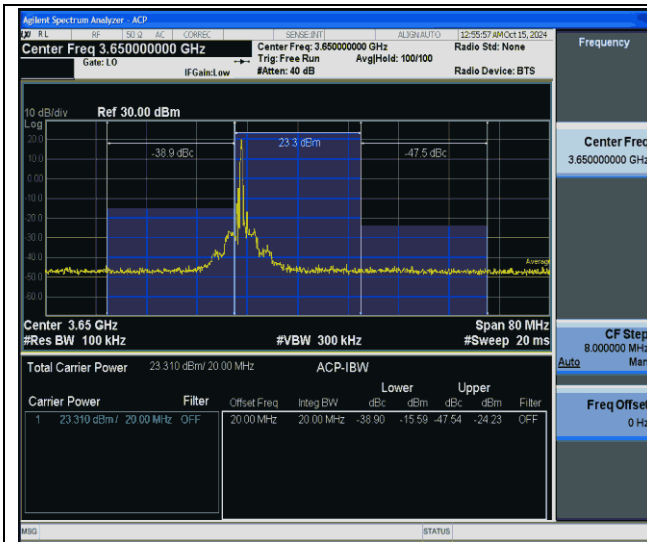
43(3600-3700)-20MHz-QPSK-43690-1RB#0-PASS



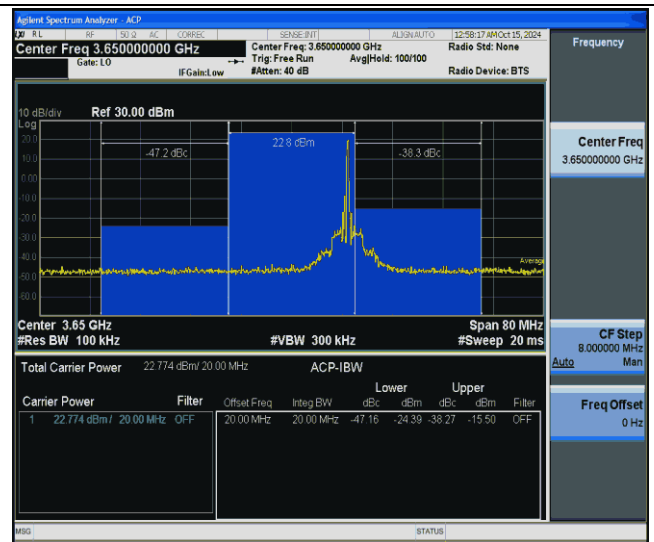
43(3600-3700)-20MHz-QPSK-43690-1RB#99-PASS



43(3600-3700)-20MHz-QPSK-43690-100RB#0-PASS



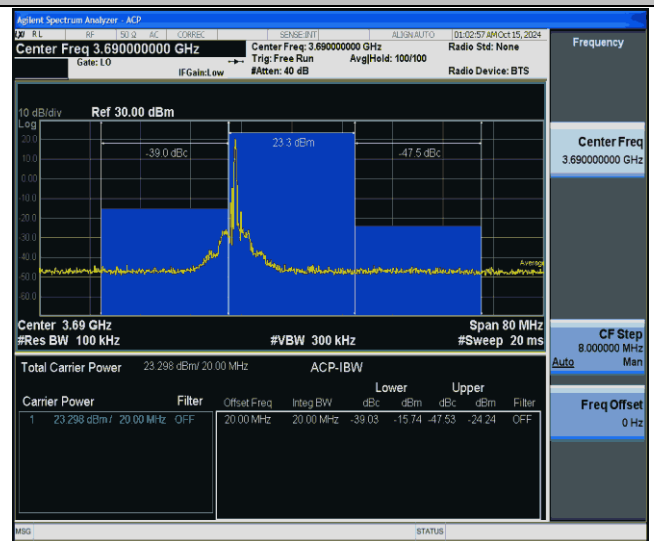
43(3600-3700)-20MHz-QPSK-44090-1RB#0-PASS



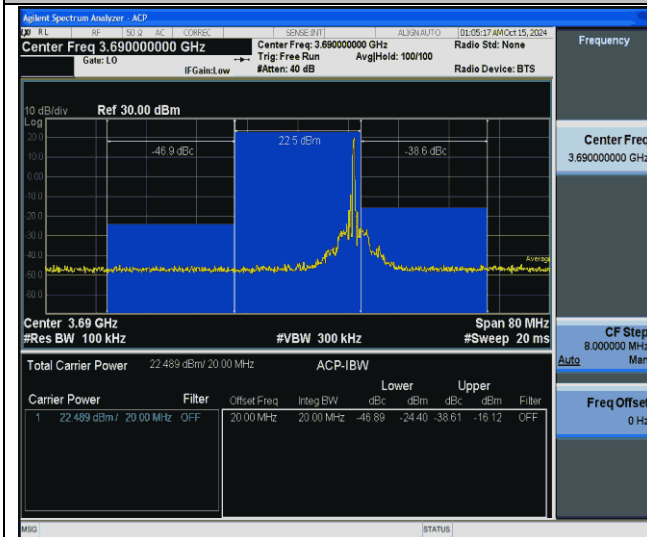
43(3600-3700)-20MHz-QPSK-44090-1RB#99-PASS



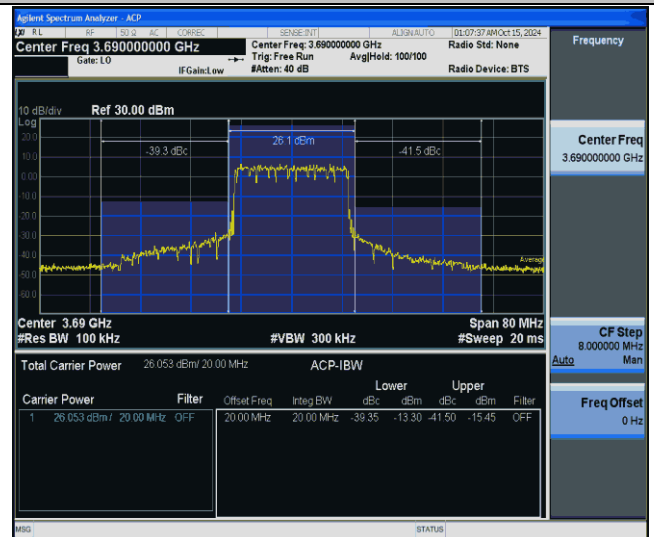
43(3600-3700)-20MHz-QPSK-44090-100RB#0-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#99-PASS



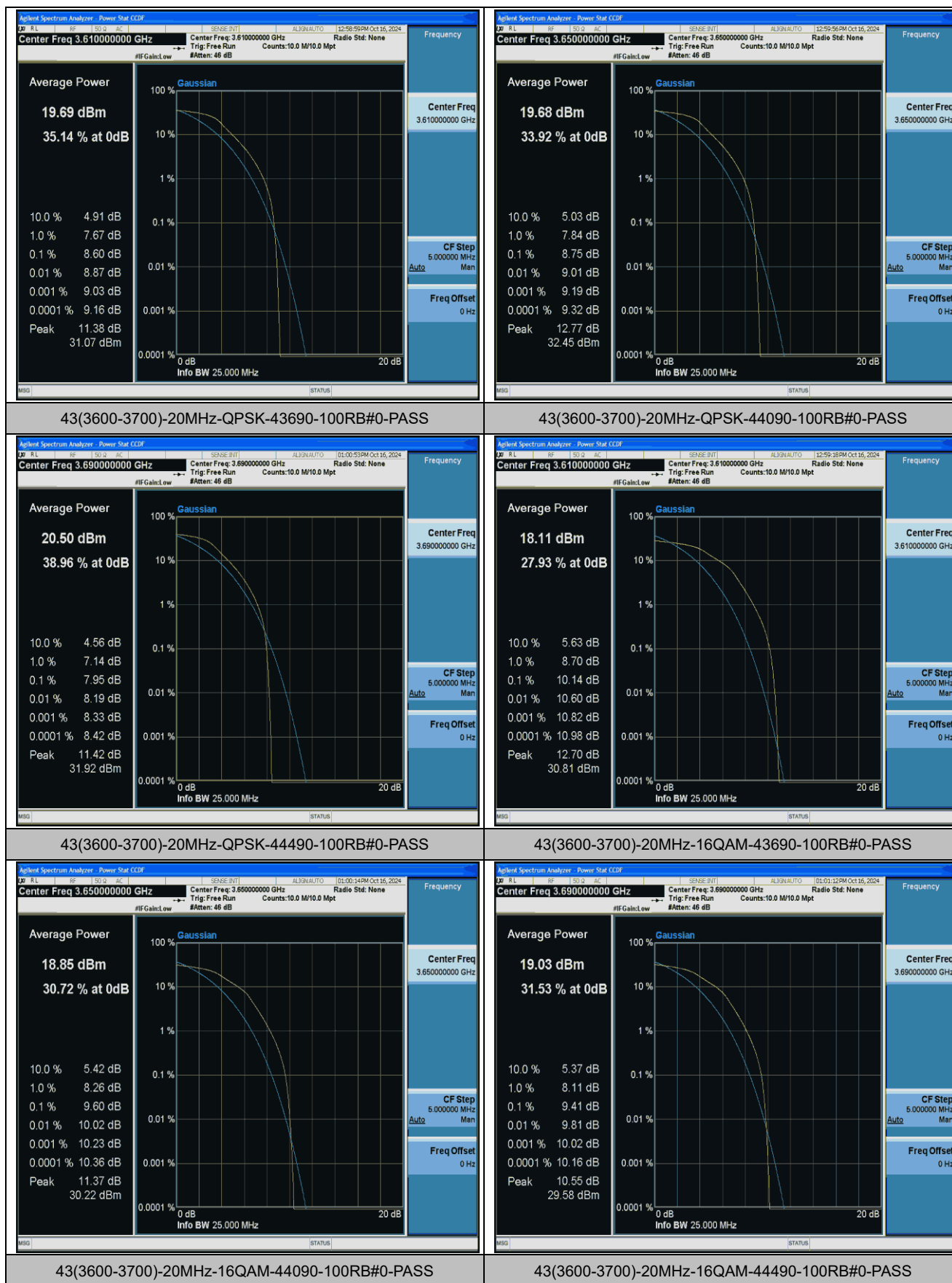
43(3600-3700)-20MHz-QPSK-44490-100RB#0-PASS

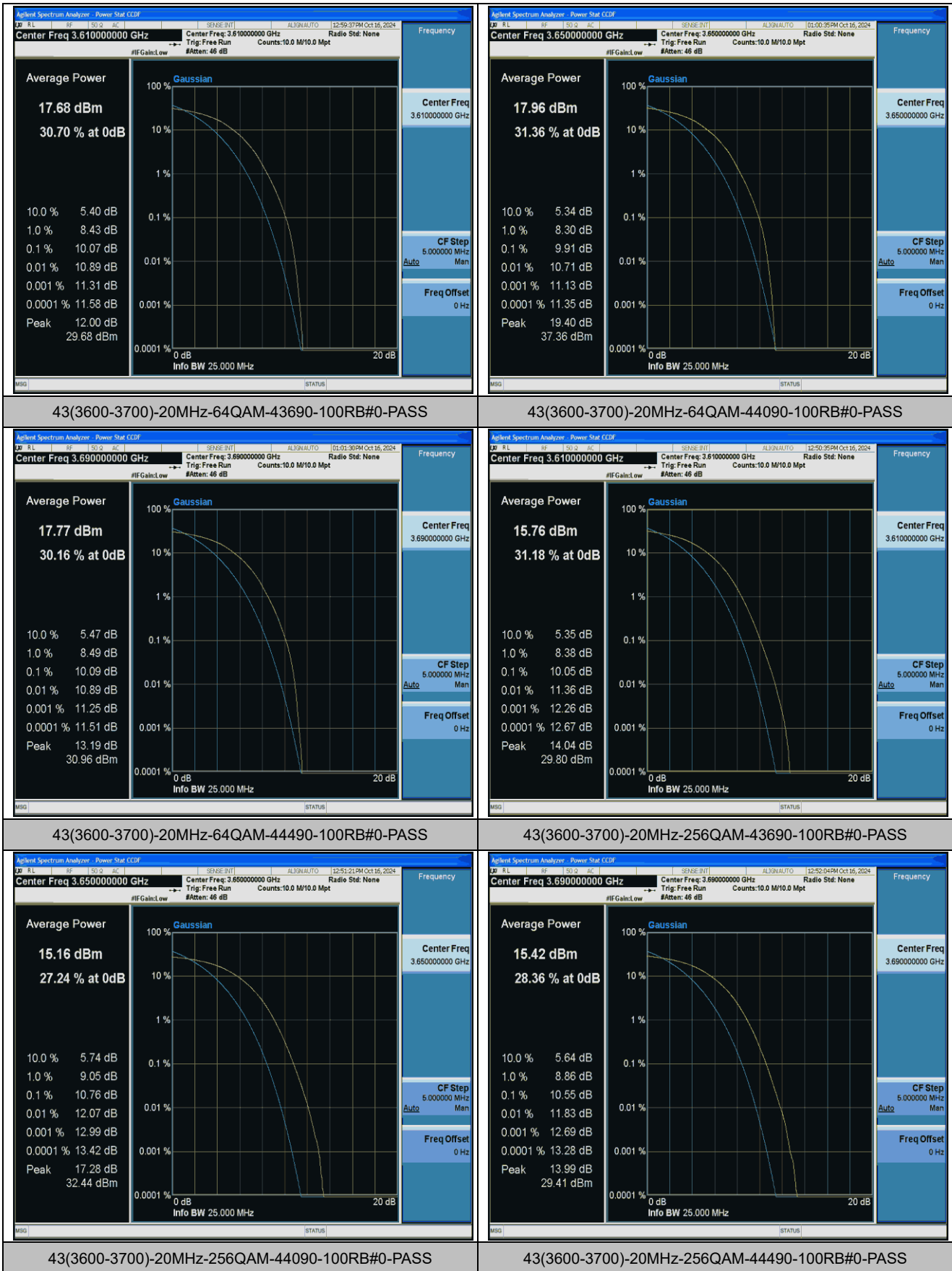
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
43(3600-3700)	20MHz	QPSK	43690	100RB#0	8.60	13	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	8.75	13	PASS
43(3600-3700)	20MHz	QPSK	44490	100RB#0	7.95	13	PASS
43(3600-3700)	20MHz	16QAM	43690	100RB#0	10.14	13	PASS
43(3600-3700)	20MHz	16QAM	44090	100RB#0	9.60	13	PASS
43(3600-3700)	20MHz	16QAM	44490	100RB#0	9.41	13	PASS
43(3600-3700)	20MHz	64QAM	43690	100RB#0	10.07	13	PASS
43(3600-3700)	20MHz	64QAM	44090	100RB#0	9.91	13	PASS
43(3600-3700)	20MHz	64QAM	44490	100RB#0	10.09	13	PASS
43(3600-3700)	20MHz	256QAM	43690	100RB#0	10.05	13	PASS
43(3600-3700)	20MHz	256QAM	44090	100RB#0	10.76	13	PASS
43(3600-3700)	20MHz	256QAM	44490	100RB#0	10.55	13	PASS

Test Graphs





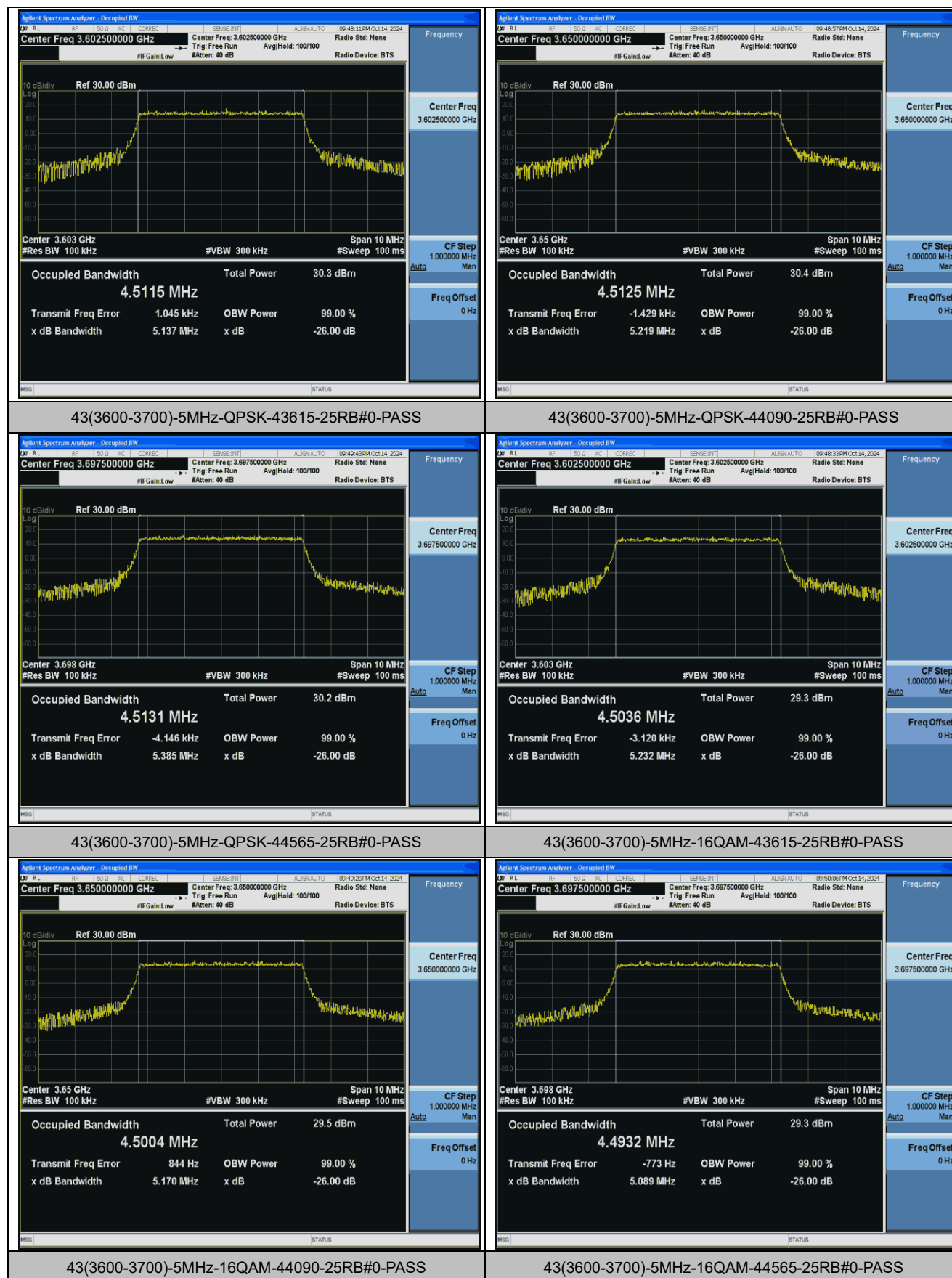
26dB Bandwidth and Occupied Bandwidth

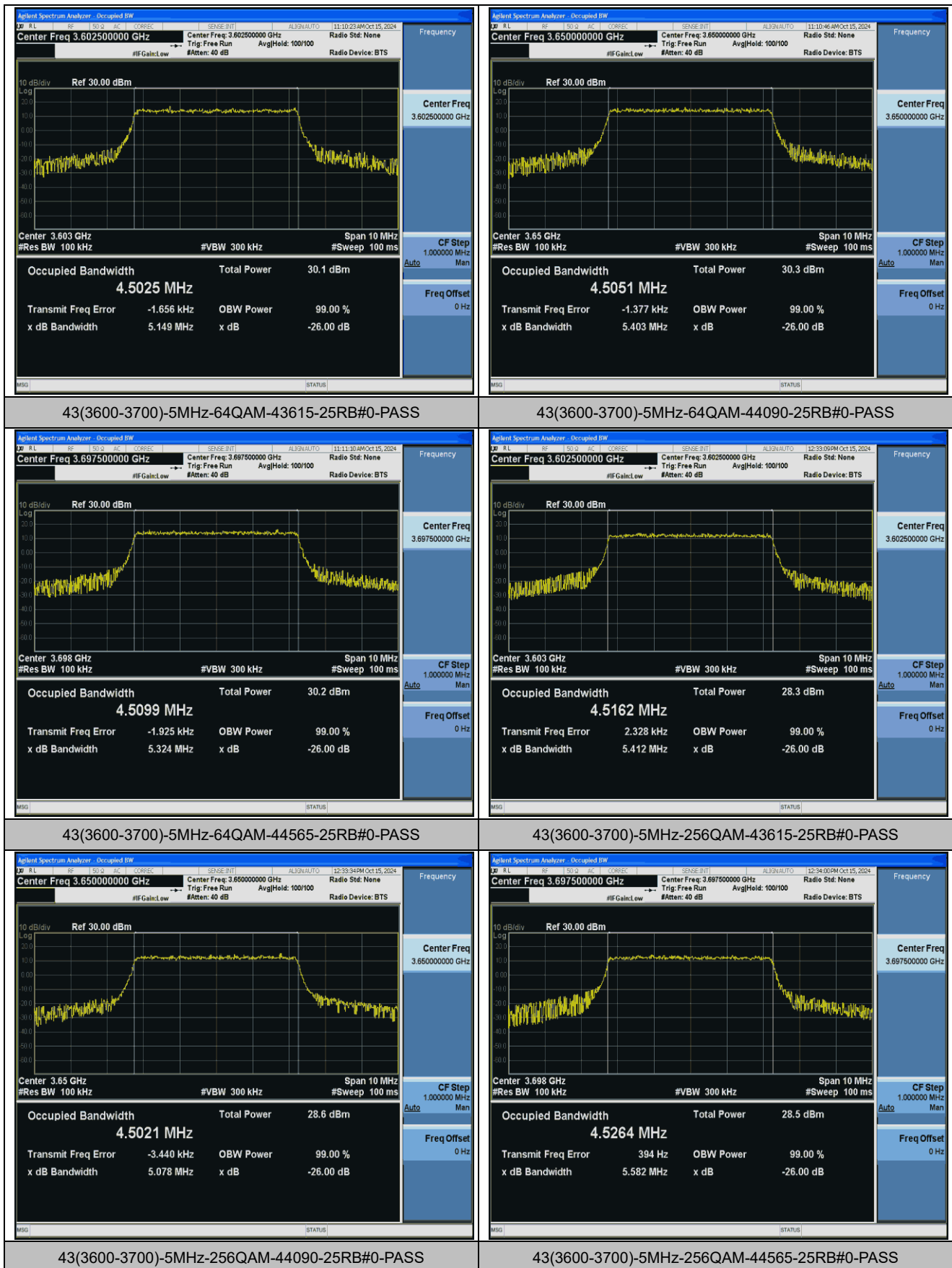
Test Result

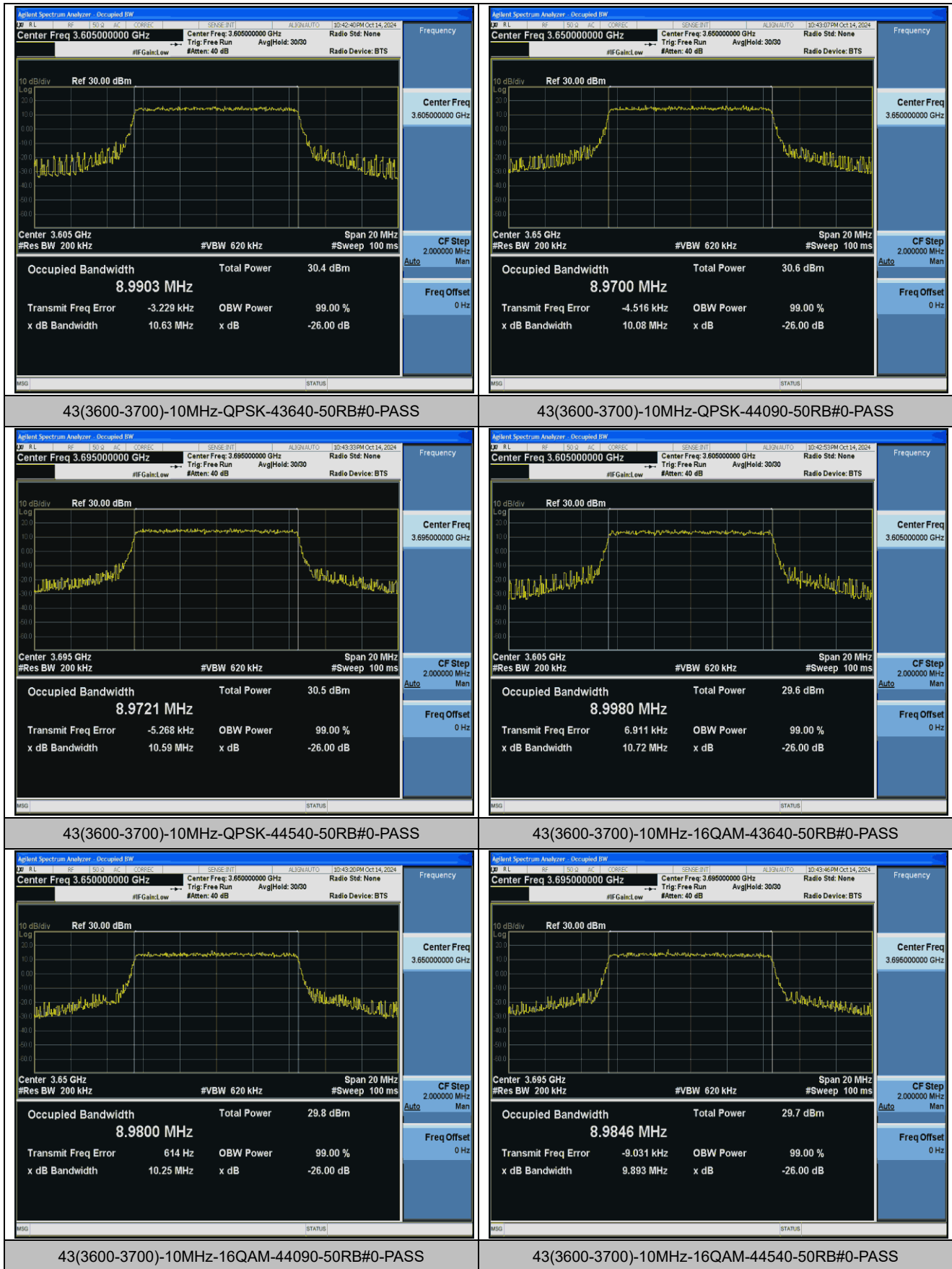
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
43(3600-3700)	5MHz	QPSK	43615	25RB#0	4.5115	5.137	PASS
43(3600-3700)	5MHz	QPSK	44090	25RB#0	4.5125	5.219	PASS
43(3600-3700)	5MHz	QPSK	44565	25RB#0	4.5131	5.385	PASS
43(3600-3700)	5MHz	16QAM	43615	25RB#0	4.5036	5.232	PASS
43(3600-3700)	5MHz	16QAM	44090	25RB#0	4.5004	5.170	PASS
43(3600-3700)	5MHz	16QAM	44565	25RB#0	4.4932	5.089	PASS
43(3600-3700)	5MHz	64QAM	43615	25RB#0	4.5025	5.149	PASS
43(3600-3700)	5MHz	64QAM	44090	25RB#0	4.5051	5.403	PASS
43(3600-3700)	5MHz	64QAM	44565	25RB#0	4.5099	5.324	PASS
43(3600-3700)	5MHz	256QAM	43615	25RB#0	4.5162	5.412	PASS
43(3600-3700)	5MHz	256QAM	44090	25RB#0	4.5021	5.078	PASS
43(3600-3700)	5MHz	256QAM	44565	25RB#0	4.5264	5.582	PASS
43(3600-3700)	10MHz	QPSK	43640	50RB#0	8.9903	10.63	PASS
43(3600-3700)	10MHz	QPSK	44090	50RB#0	8.9700	10.08	PASS
43(3600-3700)	10MHz	QPSK	44540	50RB#0	8.9721	10.59	PASS
43(3600-3700)	10MHz	16QAM	43640	50RB#0	8.9980	10.72	PASS
43(3600-3700)	10MHz	16QAM	44090	50RB#0	8.9800	10.25	PASS
43(3600-3700)	10MHz	16QAM	44540	50RB#0	8.9846	9.893	PASS
43(3600-3700)	10MHz	64QAM	43640	50RB#0	8.9886	10.80	PASS
43(3600-3700)	10MHz	64QAM	44090	50RB#0	9.0047	10.27	PASS
43(3600-3700)	10MHz	64QAM	44540	50RB#0	9.0148	10.46	PASS
43(3600-3700)	10MHz	256QAM	43640	50RB#0	9.0496	10.29	PASS
43(3600-3700)	10MHz	256QAM	44090	50RB#0	8.9976	10.28	PASS
43(3600-3700)	10MHz	256QAM	44540	50RB#0	8.9882	10.07	PASS
43(3600-3700)	15MHz	QPSK	43665	75RB#0	13.499	14.91	PASS
43(3600-3700)	15MHz	QPSK	44090	75RB#0	13.518	14.95	PASS
43(3600-3700)	15MHz	QPSK	44515	75RB#0	13.496	14.81	PASS
43(3600-3700)	15MHz	16QAM	43665	75RB#0	13.520	14.98	PASS
43(3600-3700)	15MHz	16QAM	44090	75RB#0	13.540	14.77	PASS
43(3600-3700)	15MHz	16QAM	44515	75RB#0	13.478	15.67	PASS
43(3600-3700)	15MHz	64QAM	43665	75RB#0	13.505	14.97	PASS
43(3600-3700)	15MHz	64QAM	44090	75RB#0	13.436	15.15	PASS
43(3600-3700)	15MHz	64QAM	44515	75RB#0	13.533	14.86	PASS
43(3600-3700)	15MHz	256QAM	43665	75RB#0	13.487	14.89	PASS
43(3600-3700)	15MHz	256QAM	44090	75RB#0	13.468	14.92	PASS
43(3600-3700)	15MHz	256QAM	44515	75RB#0	13.437	15.14	PASS
43(3600-3700)	20MHz	QPSK	43690	100RB#0	17.866	20.07	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	18.005	19.88	PASS

43(3600-3700)	20MHz	QPSK	44490	100RB#0	17.994	20.78	PASS
43(3600-3700)	20MHz	16QAM	43690	100RB#0	17.934	19.82	PASS
43(3600-3700)	20MHz	16QAM	44090	100RB#0	17.936	19.82	PASS
43(3600-3700)	20MHz	16QAM	44490	100RB#0	17.948	20.02	PASS
43(3600-3700)	20MHz	64QAM	43690	100RB#0	18.035	19.51	PASS
43(3600-3700)	20MHz	64QAM	44090	100RB#0	18.021	19.75	PASS
43(3600-3700)	20MHz	64QAM	44490	100RB#0	18.032	19.76	PASS
43(3600-3700)	20MHz	256QAM	43690	100RB#0	17.977	19.86	PASS
43(3600-3700)	20MHz	256QAM	44090	100RB#0	17.919	20.12	PASS
43(3600-3700)	20MHz	256QAM	44490	100RB#0	17.987	19.85	PASS

Test Graphs





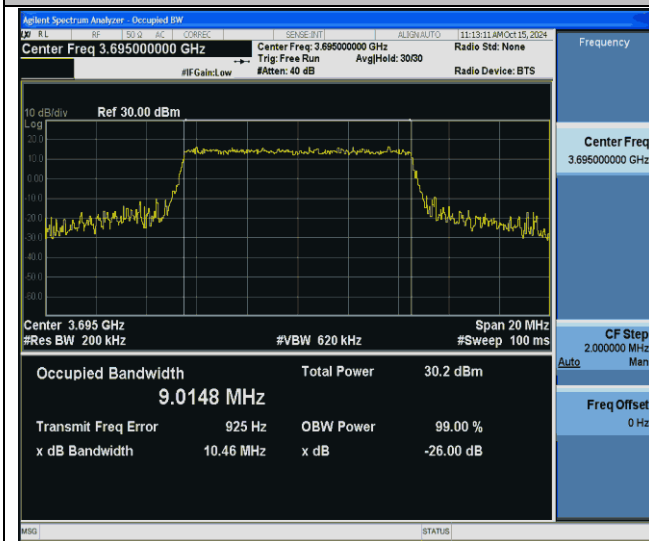




43(3600-3700)-10MHz-64QAM-43640-50RB#0-PASS



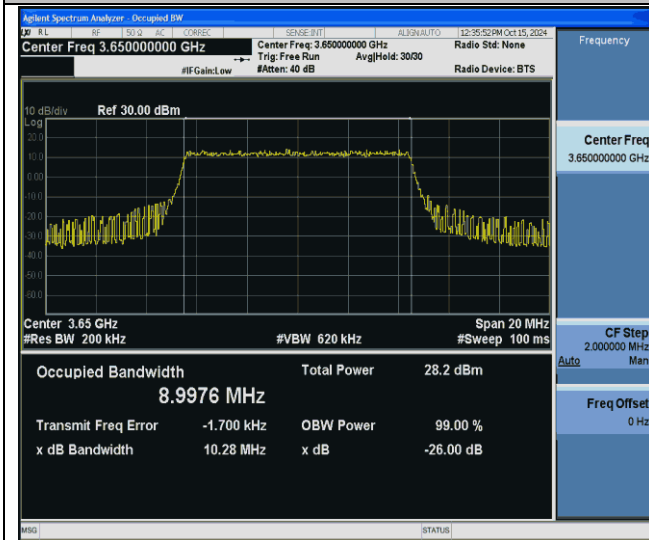
43(3600-3700)-10MHz-64QAM-44090-50RB#0-PASS



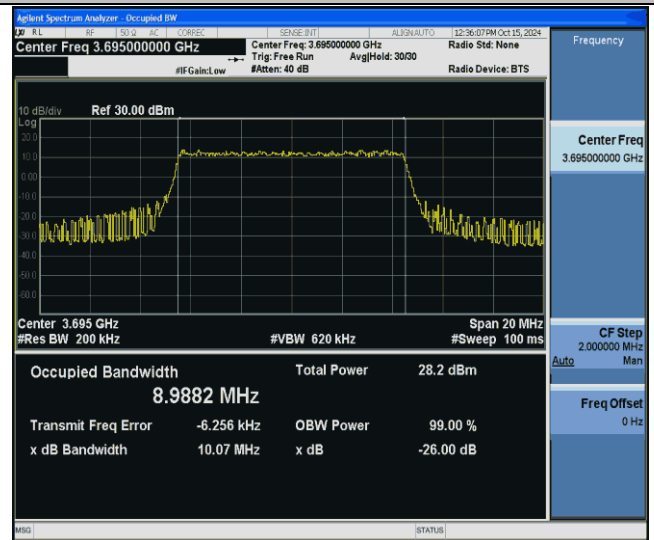
43(3600-3700)-10MHz-64QAM-44540-50RB#0-PASS



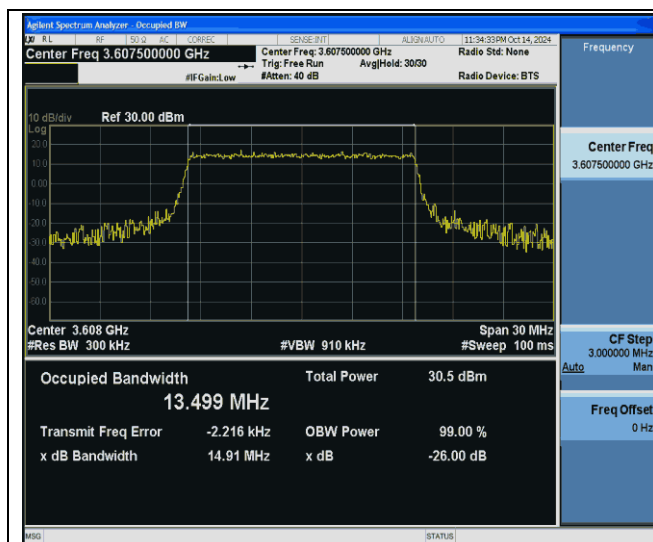
43(3600-3700)-10MHz-256QAM-43640-50RB#0-PASS



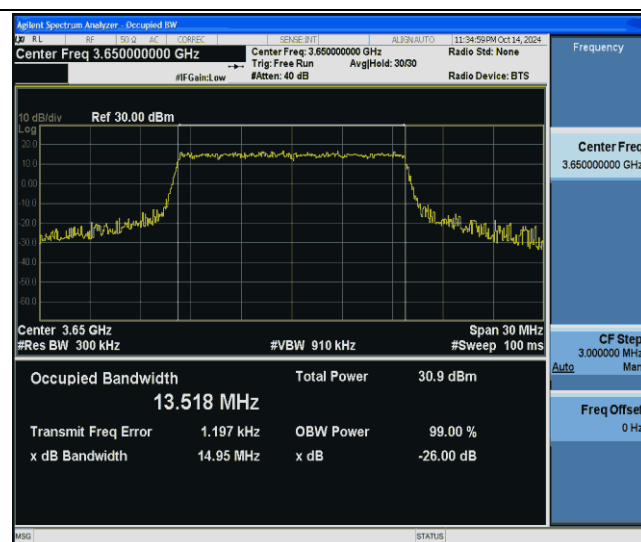
43(3600-3700)-10MHz-256QAM-44090-50RB#0-PASS



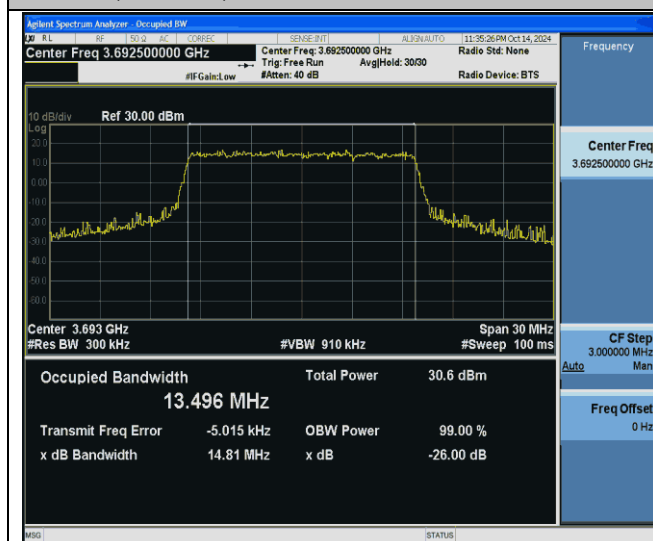
43(3600-3700)-10MHz-256QAM-44540-50RB#0-PASS



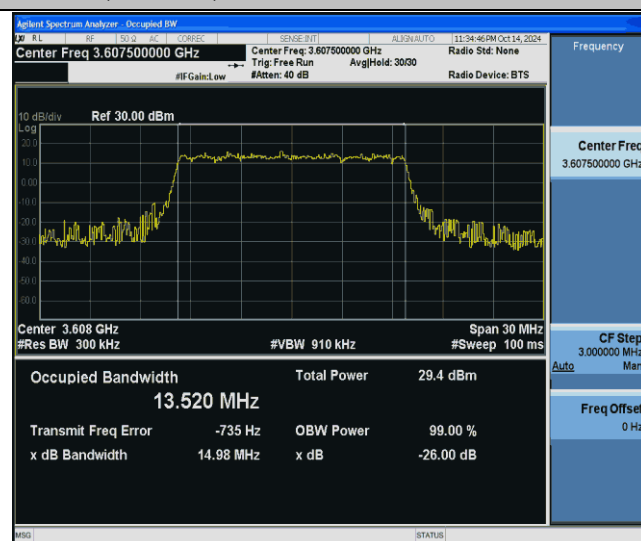
43(3600-3700)-15MHz-QPSK-43665-75RB#0-PASS



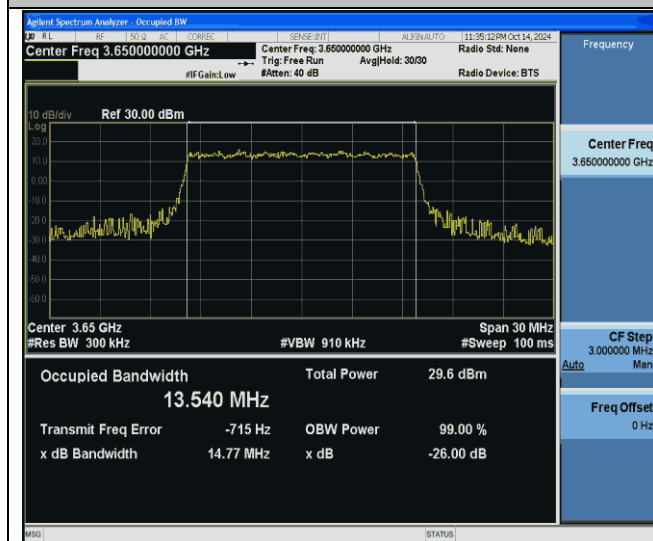
43(3600-3700)-15MHz-QPSK-44090-75RB#0-PASS



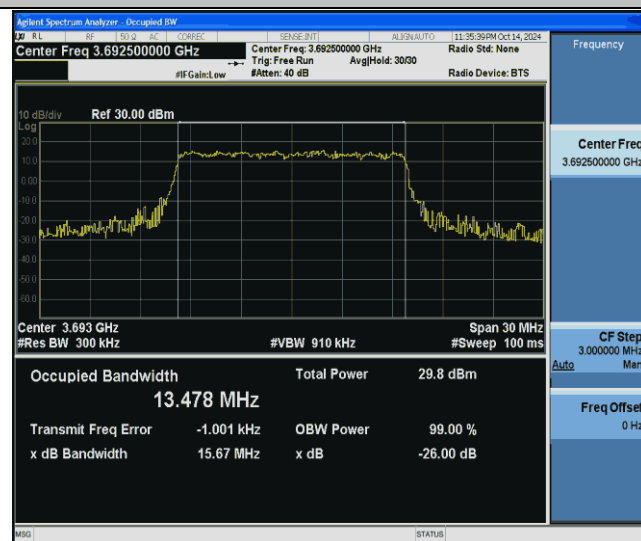
43(3600-3700)-15MHz-QPSK-44515-75RB#0-PASS



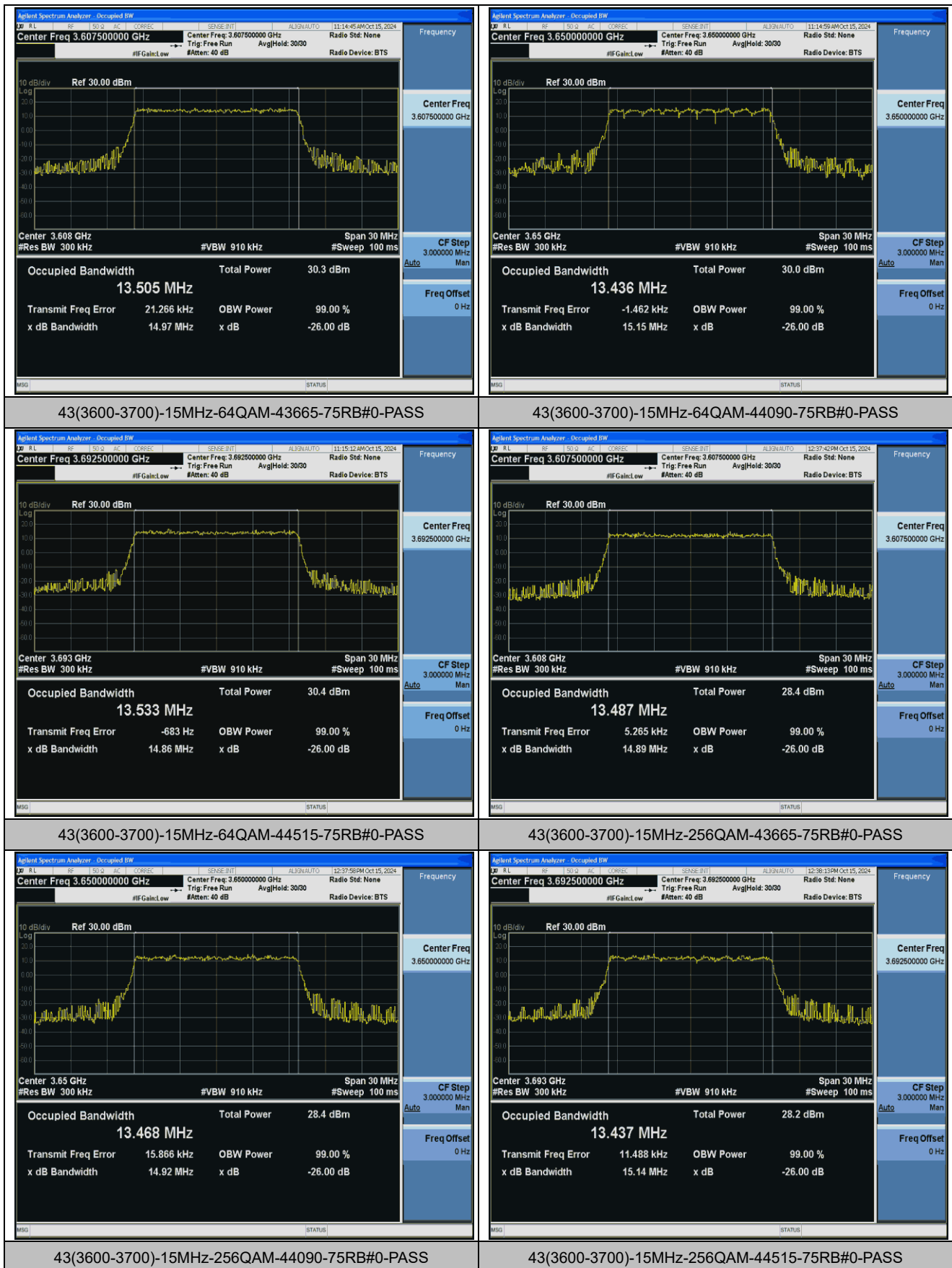
43(3600-3700)-15MHz-16QAM-43665-75RB#0-PASS

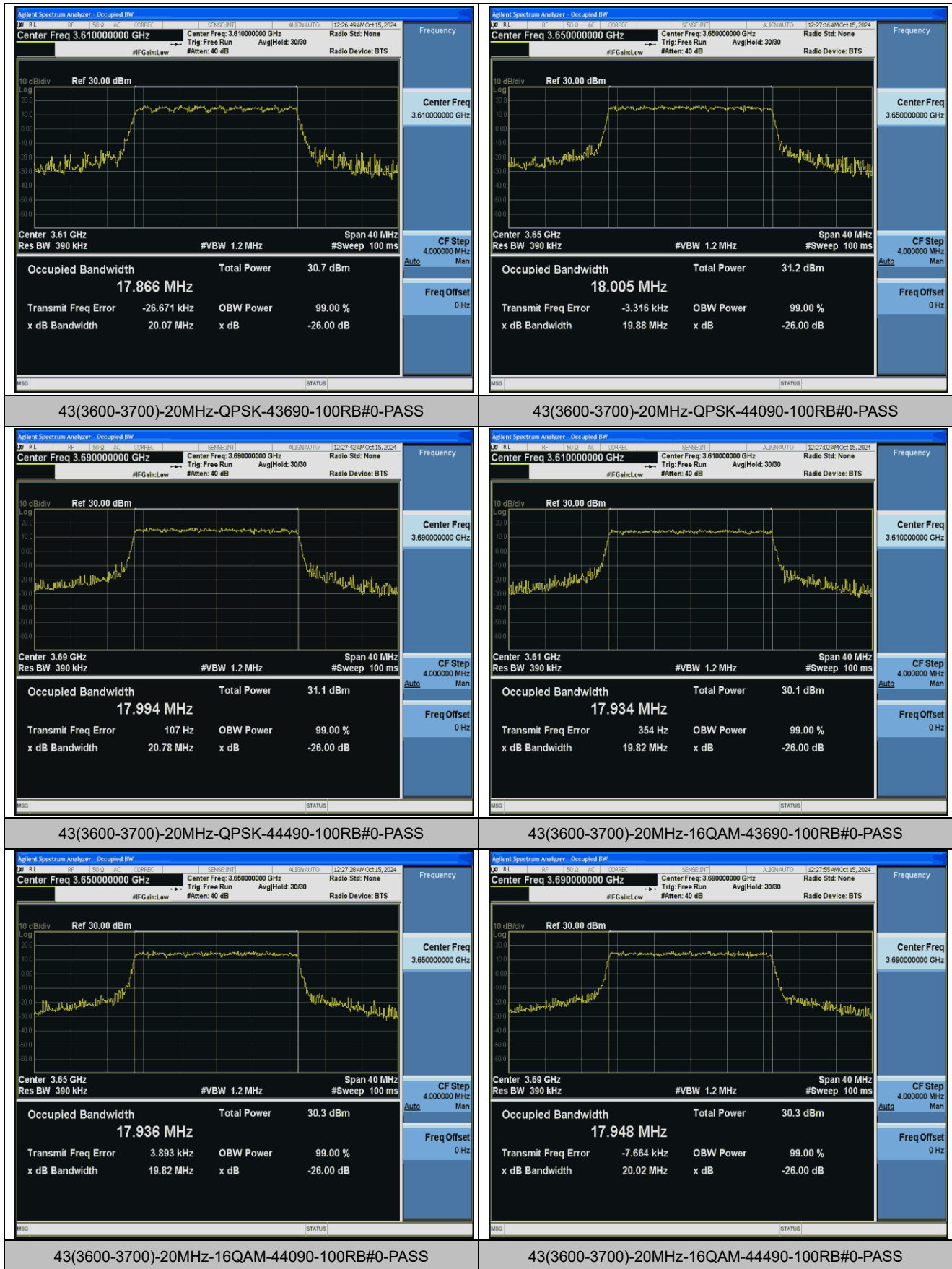


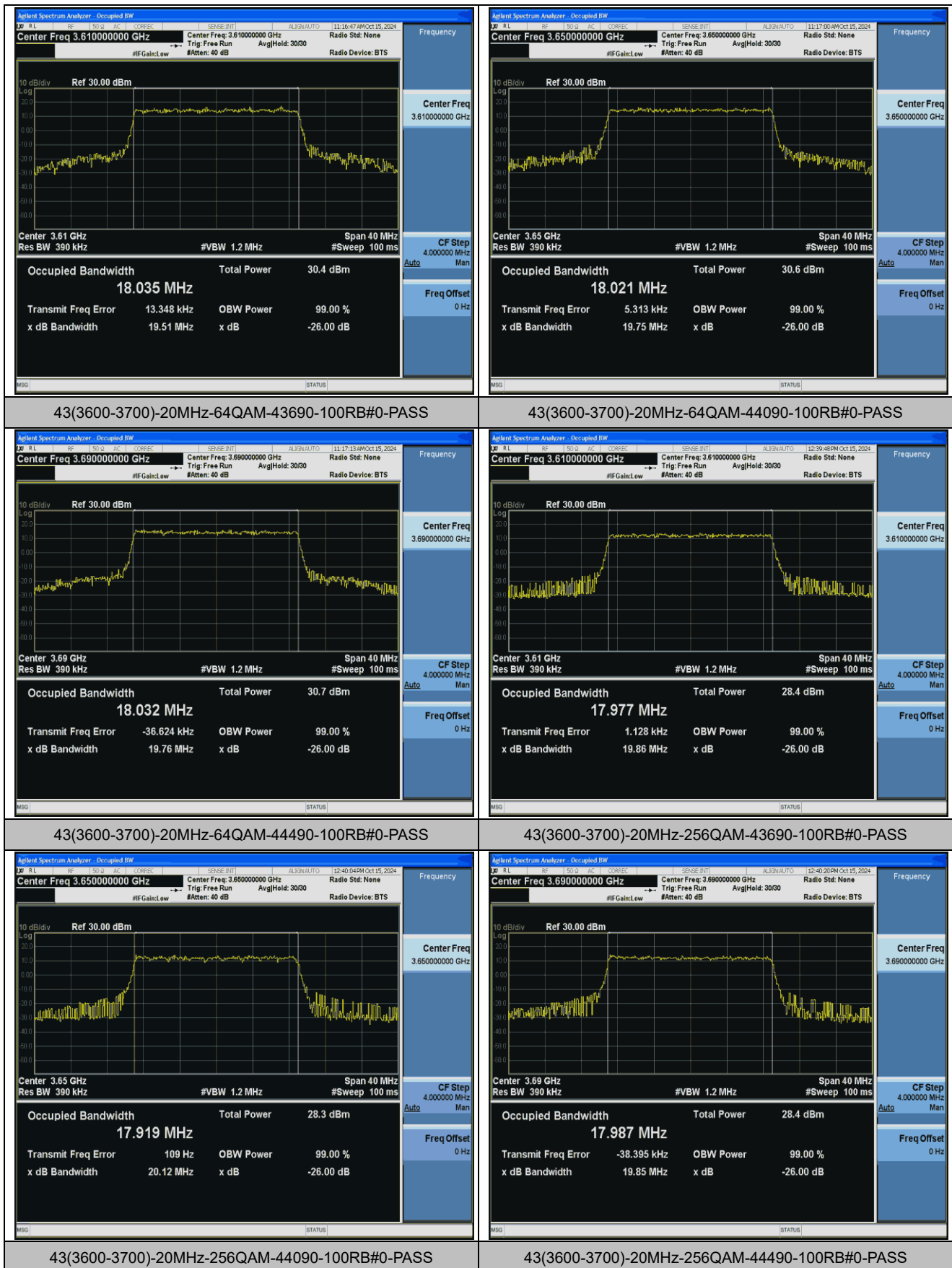
43(3600-3700)-15MHz-16QAM-44090-75RB#0-PASS



43(3600-3700)-15MHz-16QAM-44515-75RB#0-PASS

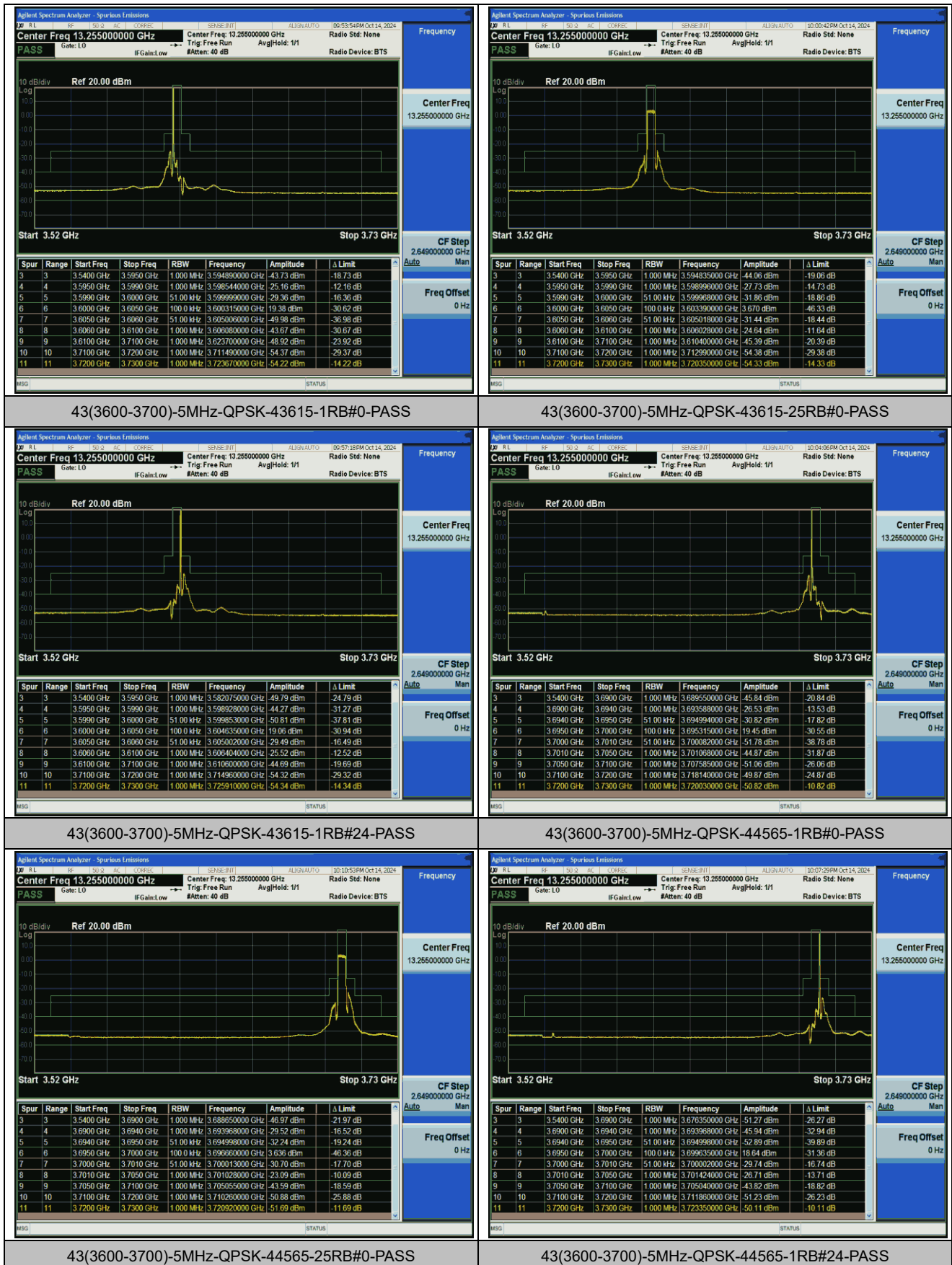


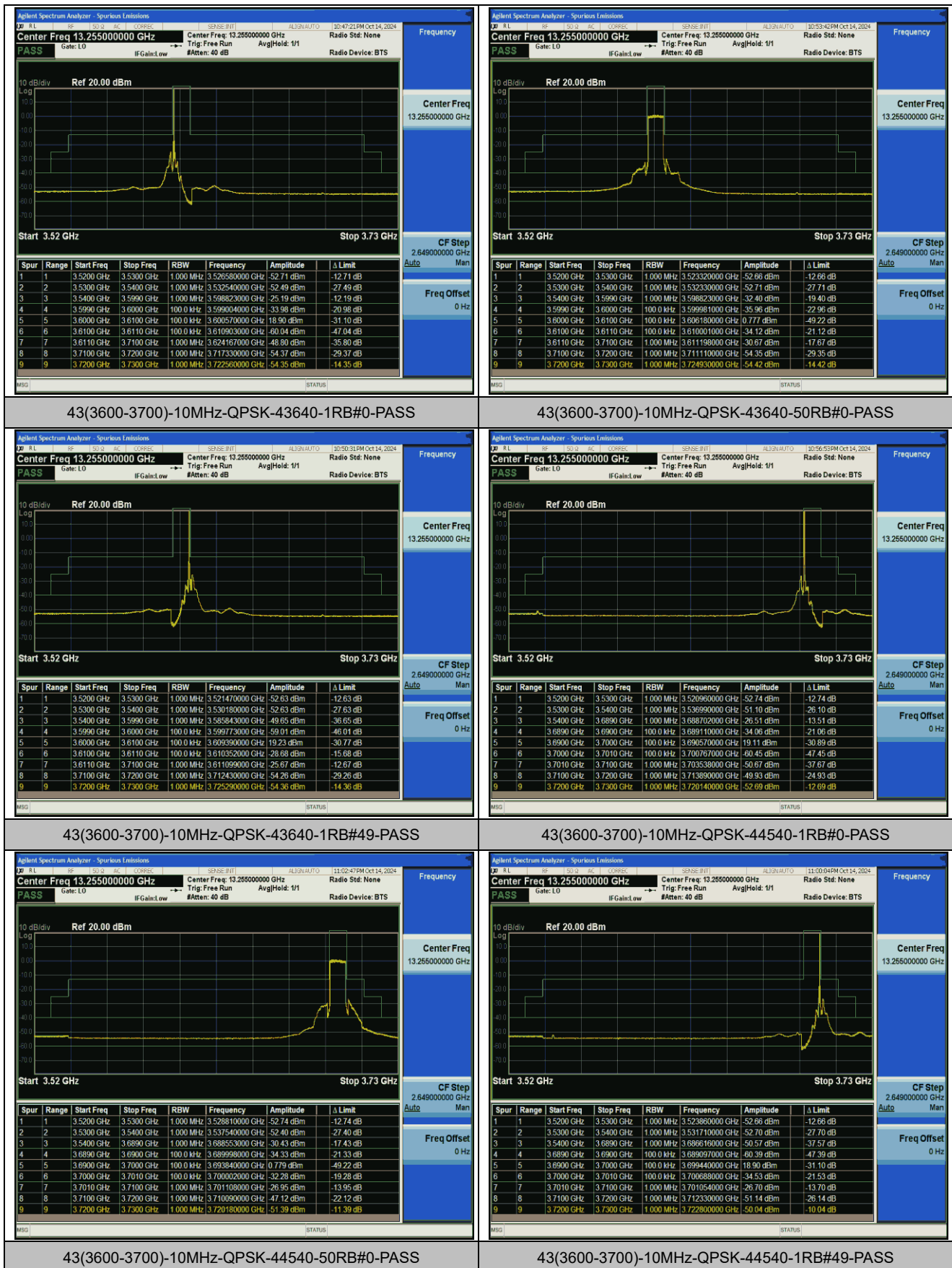


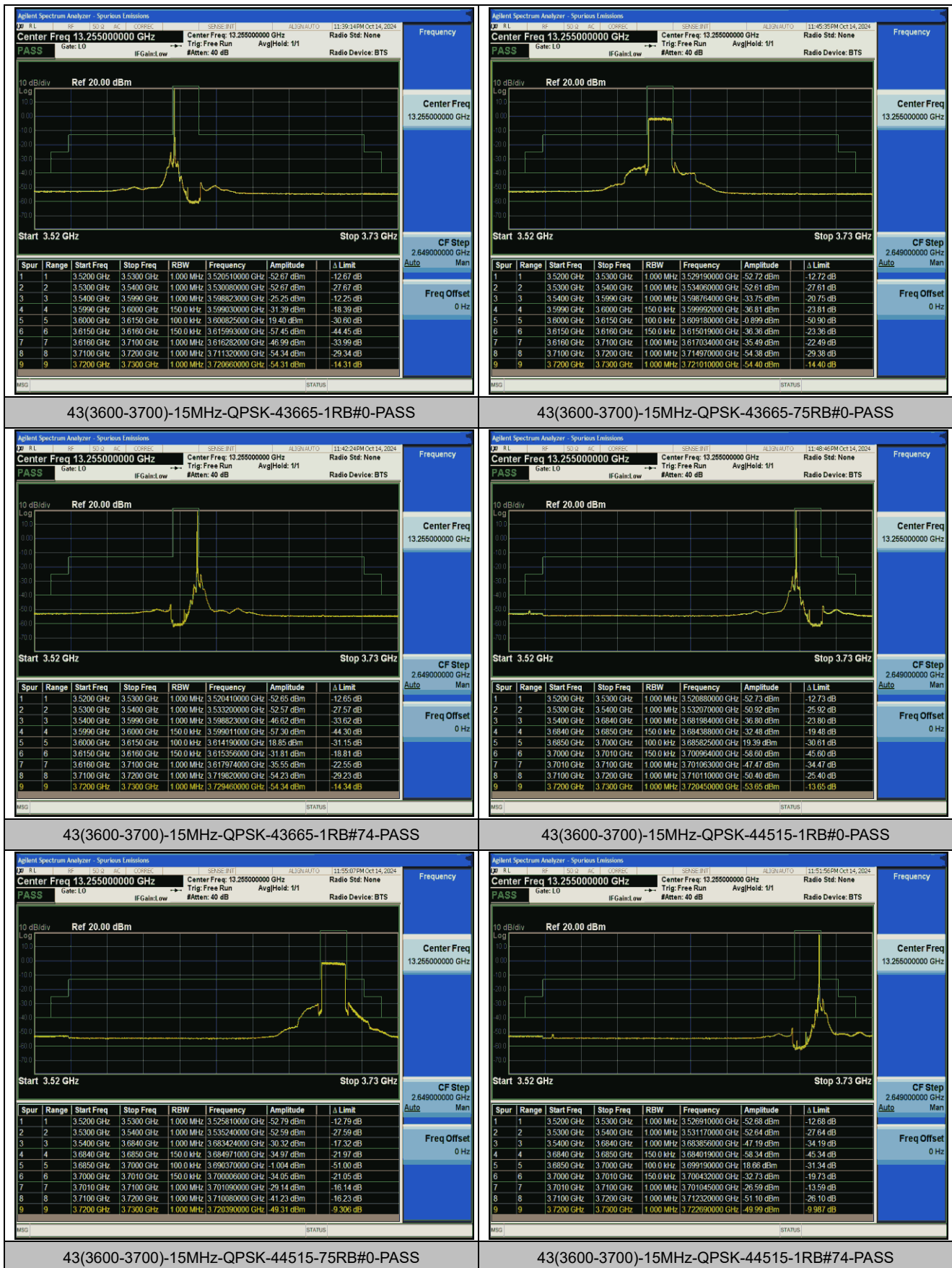


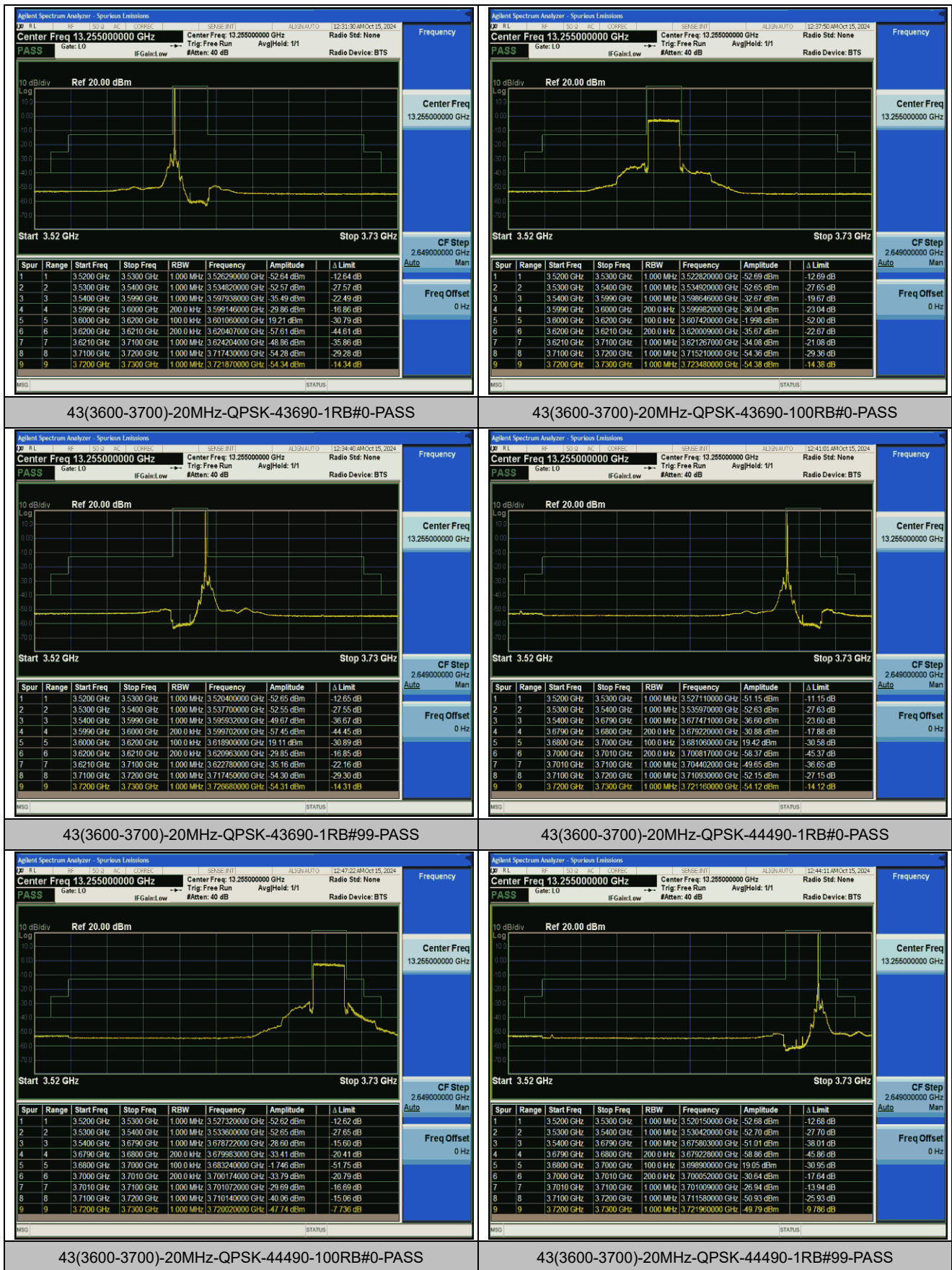
Band Edge

Test Graphs



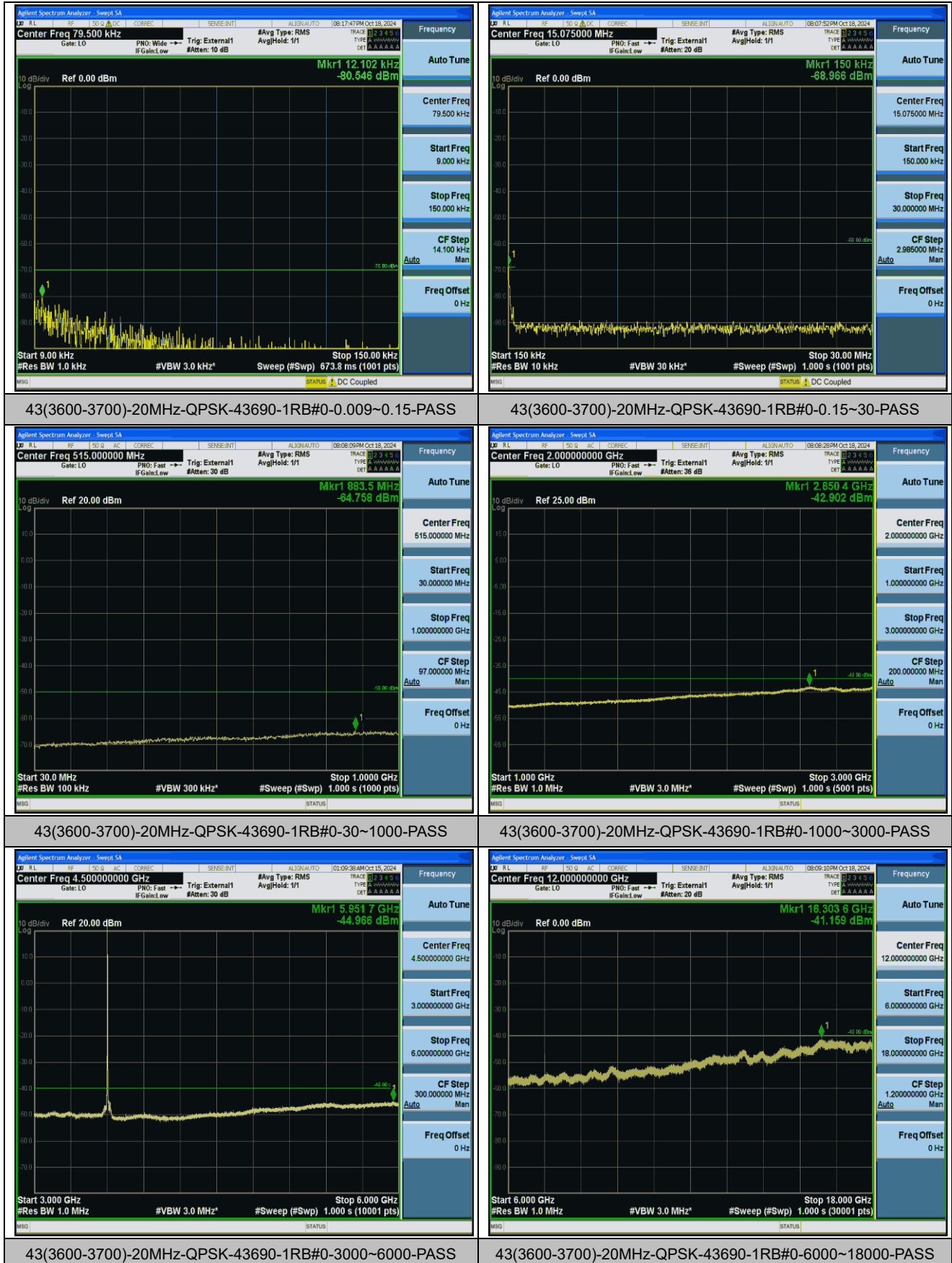


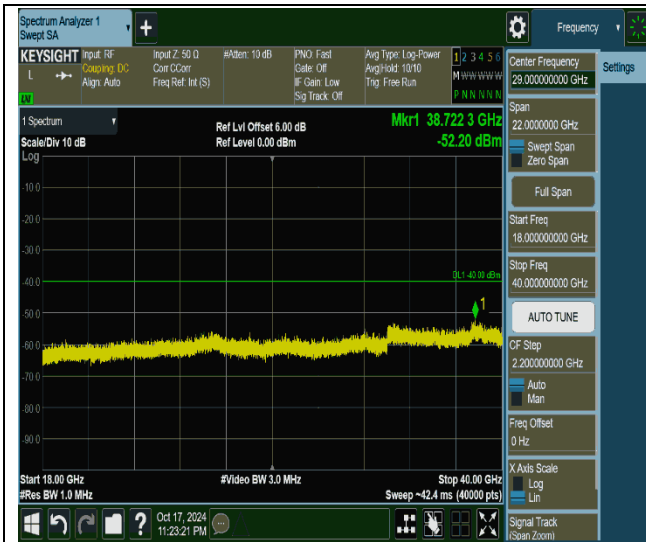




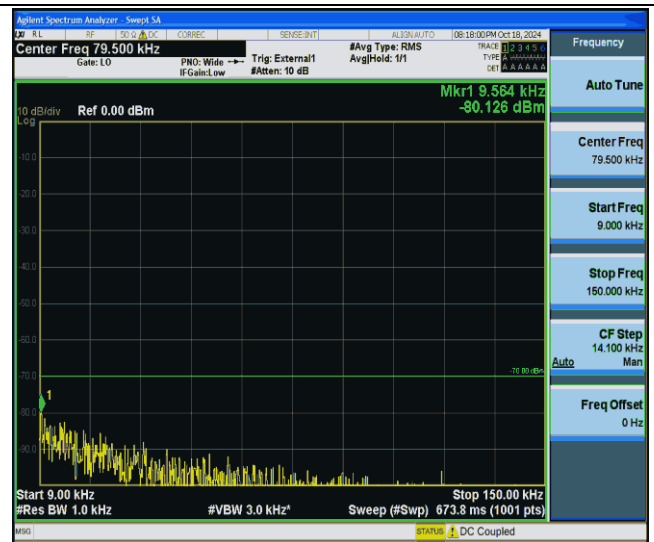
Conducted Spurious Emission

Test Graphs

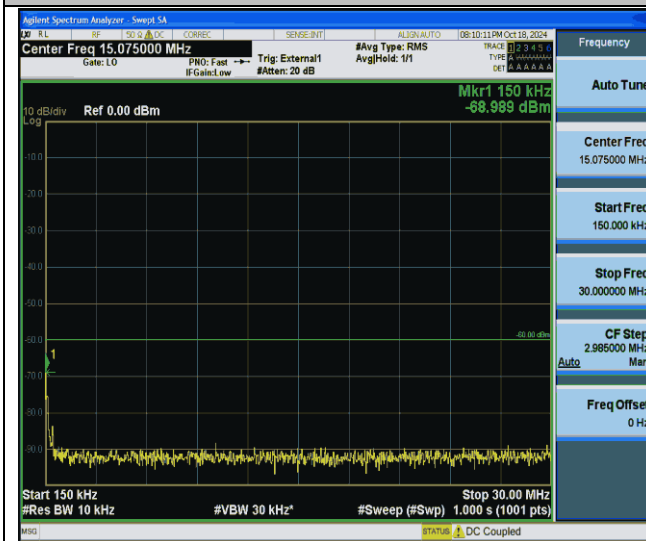




43(3600-3700)-20MHz-QPSK-43690-1RB#0-18000~40000-PASS



43(3600-3700)-20MHz-QPSK-44090-1RB#0-0.009~0.15-PASS



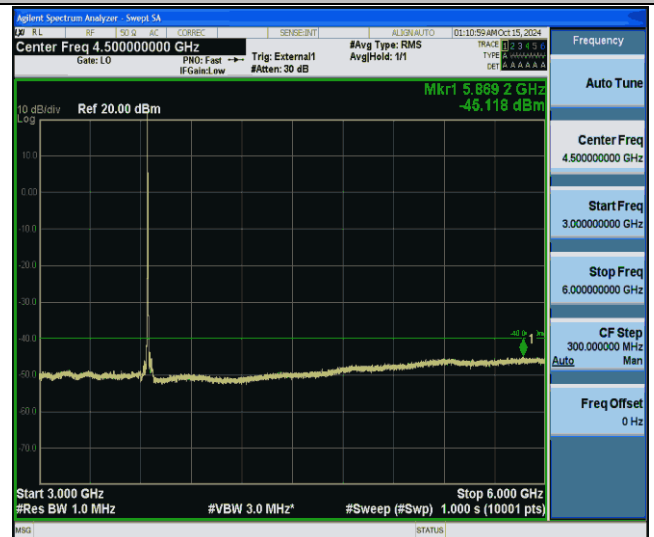
43(3600-3700)-20MHz-QPSK-44090-1RB#0-0.15~30-PASS



43(3600-3700)-20MHz-QPSK-44090-1RB#0-30~1000-PASS



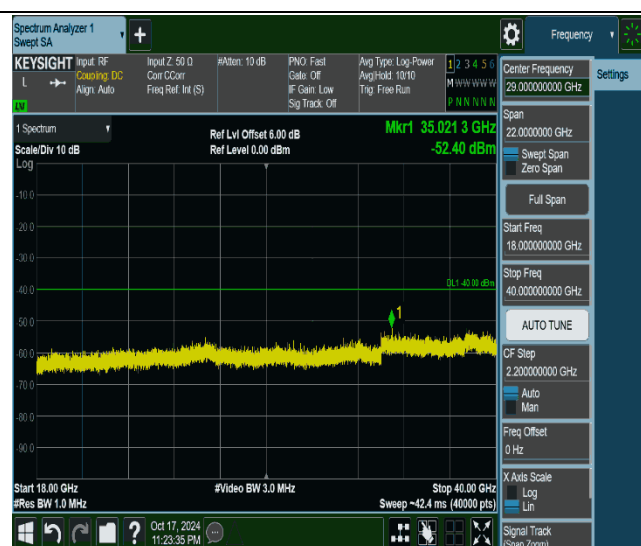
43(3600-3700)-20MHz-QPSK-44090-1RB#0-1000~3000-PASS



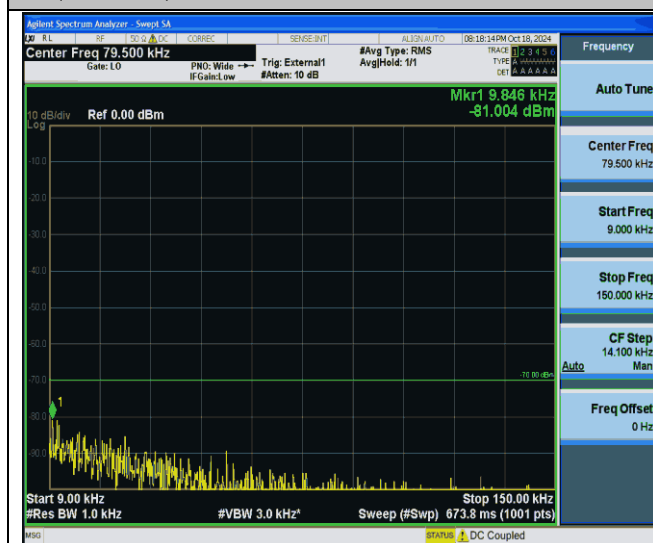
43(3600-3700)-20MHz-QPSK-44090-1RB#0-3000~6000-PASS



43(3600-3700)-20MHz-QPSK-44090-1RB#0-6000~18000-PASS



43(3600-3700)-20MHz-QPSK-44090-1RB#0-18000~40000-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-0.009~0.15-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-0.15~30-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-30~1000-PASS



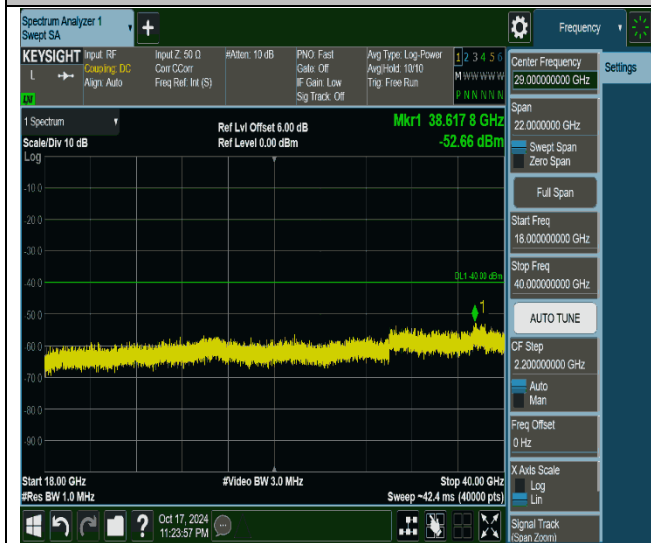
43(3600-3700)-20MHz-QPSK-44490-1RB#0-1000~3000-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-3000~6000-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-6000~18000-PASS



43(3600-3700)-20MHz-QPSK-44490-1RB#0-18000~40000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43(3600-3700)	20MHz	QPSK	44090	100RB#0	VN	NT	4.70	0.001288	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	VL	NT	4.30	0.001178	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	VH	NT	2.70	0.000740	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	-30	0.10	0.000027	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	-20	1.30	0.000356	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	-10	-0.80	-0.000219	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	0	4.60	0.001260	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	10	0.90	0.000247	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	20	1.80	0.000493	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	30	0.50	0.000137	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	40	2.20	0.000603	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	NV	50	0.90	0.000247	PASS

~The End~