

Appendix-A LTE Band 38

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	26.45	27.85	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	26.62	28.02	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	26.49	27.89	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	25.91	27.31	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	25.89	27.29	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	26.08	27.48	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	25.89	27.29	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	24.94	26.34	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	24.94	26.34	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	25.07	26.47	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	25.27	26.67	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	24	25.4	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	21.94	23.34	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	21.99	23.39	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	21.78	23.18	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	21.72	23.12	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	26.47	27.87	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	26.58	27.98	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	26.49	27.89	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	25.87	27.27	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	25.76	27.16	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	25.83	27.23	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	26.03	27.43	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	24.9	26.3	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	25.13	26.53	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	25.13	26.53	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	25.02	26.42	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	23.95	25.35	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	21.87	23.27	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	22.03	23.43	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	21.88	23.28	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	21.66	23.06	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	26.26	27.66	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	26.43	27.83	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	26.44	27.84	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	25.83	27.23	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	25.65	27.05	33.00	PASS

Band38	5MHz	16QAM	38225	1RB#12	25.93	27.33	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	25.56	26.96	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	24.75	26.15	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	24.96	26.36	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	25.05	26.45	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	24.76	26.16	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	23.86	25.26	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	21.82	23.22	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	21.97	23.37	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	21.62	23.02	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	21.63	23.03	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	26.58	27.98	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	26.59	27.99	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	26.5	27.9	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	26.05	27.45	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	26.07	27.47	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	25.91	27.31	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	26	27.4	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	25.1	26.5	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	25.18	26.58	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	25.06	26.46	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	25.29	26.69	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	24.07	25.47	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	21.73	23.13	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	21.56	22.96	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	21.78	23.18	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	21.79	23.19	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	26.42	27.82	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	26.54	27.94	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	26.5	27.9	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	25.96	27.36	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	25.81	27.21	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	25.87	27.27	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	25.79	27.19	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	25	26.4	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	25.15	26.55	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	24.98	26.38	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	25.42	26.82	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	23.99	25.39	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	22.12	23.52	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	22.02	23.42	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	22.1	23.5	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	21.77	23.17	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	26.35	27.75	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	26.48	27.88	33.00	PASS

Band38	10MHz	QPSK	38200	1RB#49	26.41	27.81	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	25.95	27.35	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	25.68	27.08	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	25.69	27.09	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	25.52	26.92	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	24.95	26.35	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	25.17	26.57	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	24.82	26.22	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	24.99	26.39	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	24.02	25.42	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	22.06	23.46	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	21.72	23.12	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#49	21.77	23.17	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	21.81	23.21	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	26.55	27.95	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	26.62	28.02	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	26.5	27.9	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	26.01	27.41	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	25.91	27.31	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	25.79	27.19	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	25.63	27.03	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	25	26.4	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	24.95	26.35	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	25.11	26.51	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	25.02	26.42	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	24.01	25.41	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	21.7	23.1	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	21.95	23.35	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	22.29	23.69	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	21.8	23.2	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	26.41	27.81	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	26.53	27.93	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	26.5	27.9	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	25.92	27.32	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	25.71	27.11	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	25.91	27.31	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	25.87	27.27	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	24.94	26.34	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	25.02	26.42	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	25.16	26.56	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	24.99	26.39	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	23.86	25.26	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	22.04	23.44	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	21.51	22.91	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	22.16	23.56	33.00	PASS

Band38	15MHz	256QAM	38000	75RB#0	21.75	23.15	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	26.47	27.87	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	26.51	27.91	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	26.36	27.76	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	25.98	27.38	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	25.91	27.31	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	25.96	27.36	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	25.86	27.26	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	25	26.4	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	24.92	26.32	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	24.96	26.36	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	25.02	26.42	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	23.98	25.38	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	22.25	23.65	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	22.01	23.41	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	22.09	23.49	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	21.78	23.18	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	26.65	28.05	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	26.7	28.1	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	26.48	27.88	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	26.05	27.45	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	25.8	27.2	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	25.9	27.3	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	26.12	27.52	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	25.1	26.5	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	25.17	26.57	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	25.33	26.73	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	24.89	26.29	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	24.12	25.52	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	22.35	23.75	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	21.92	23.32	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	22.3	23.7	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	21.87	23.27	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	26.53	27.93	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	26.6	28	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	26.54	27.94	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	25.99	27.39	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	25.9	27.3	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	26.38	27.78	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	26.04	27.44	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	25.07	26.47	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	25.25	26.65	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	24.92	26.32	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	25.2	26.6	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	24.02	25.42	33.00	PASS

Band38	20MHz	256QAM	38000	1RB#0	22.31	23.71	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	21.94	23.34	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	22.12	23.52	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	21.79	23.19	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	26.52	27.92	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	26.55	27.95	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	26.41	27.81	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	26.03	27.43	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	25.98	27.38	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	25.76	27.16	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	25.86	27.26	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	25.08	26.48	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	24.97	26.37	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	24.95	26.35	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	25.16	26.56	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	24.06	25.46	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	22.29	23.69	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	21.96	23.36	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	21.91	23.31	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	21.87	23.27	33.00	PASS

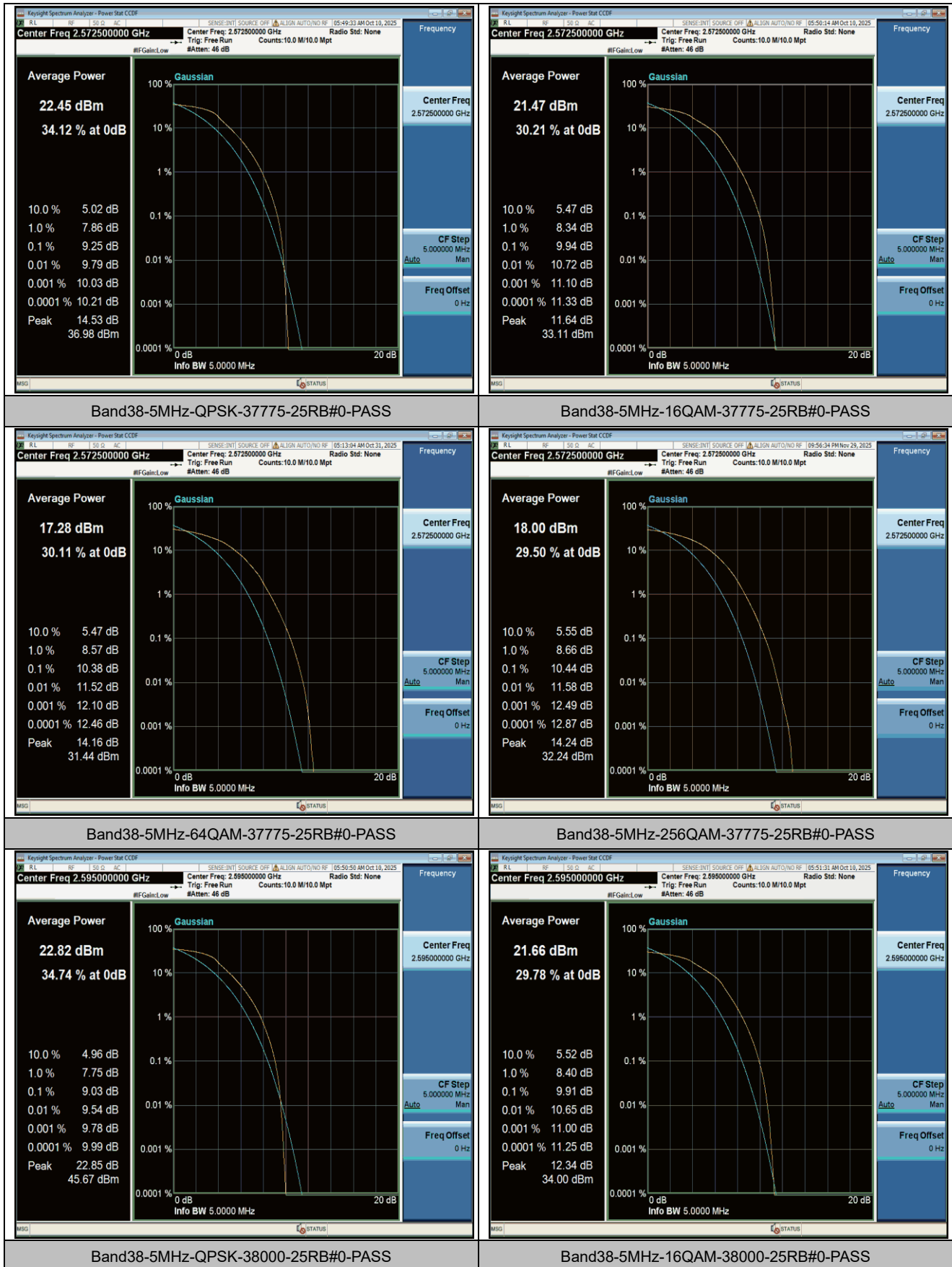
Peak-to-Average Ratio(CCDF)

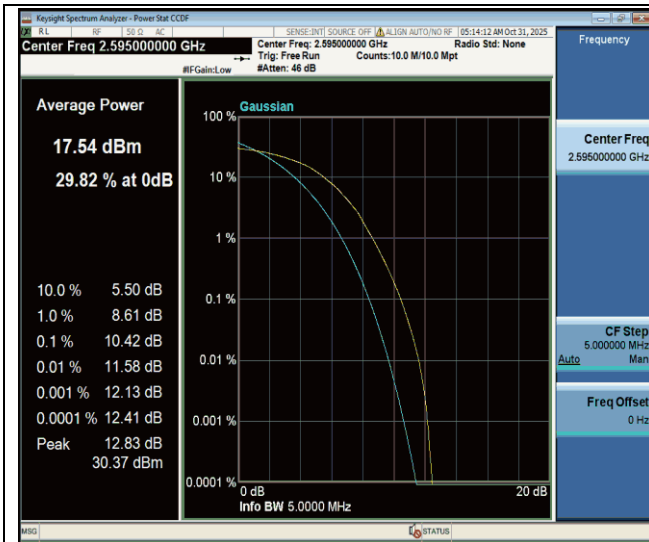
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	9.25	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.94	13	PASS
Band38	5MHz	64QAM	37775	25RB#0	10.38	13	PASS
Band38	5MHz	256QAM	37775	25RB#0	10.44	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.03	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.91	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	10.42	13	PASS
Band38	5MHz	256QAM	38000	25RB#0	10.41	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.14	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.83	13	PASS
Band38	5MHz	64QAM	38225	25RB#0	10.44	13	PASS
Band38	5MHz	256QAM	38225	25RB#0	10.41	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.93	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	10.00	13	PASS
Band38	10MHz	64QAM	37800	50RB#0	10.18	13	PASS
Band38	10MHz	256QAM	37800	50RB#0	10.40	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.41	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.74	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	10.47	13	PASS
Band38	10MHz	256QAM	38000	50RB#0	10.38	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.32	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.74	13	PASS
Band38	10MHz	64QAM	38200	50RB#0	10.55	13	PASS
Band38	10MHz	256QAM	38200	50RB#0	10.46	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.33	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.89	13	PASS
Band38	15MHz	64QAM	37825	75RB#0	10.36	13	PASS
Band38	15MHz	256QAM	37825	75RB#0	10.46	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.19	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.72	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	10.37	13	PASS
Band38	15MHz	256QAM	38000	75RB#0	10.25	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.28	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.76	13	PASS
Band38	15MHz	64QAM	38175	75RB#0	10.32	13	PASS
Band38	15MHz	256QAM	38175	75RB#0	10.28	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.28	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.67	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	10.38	13	PASS

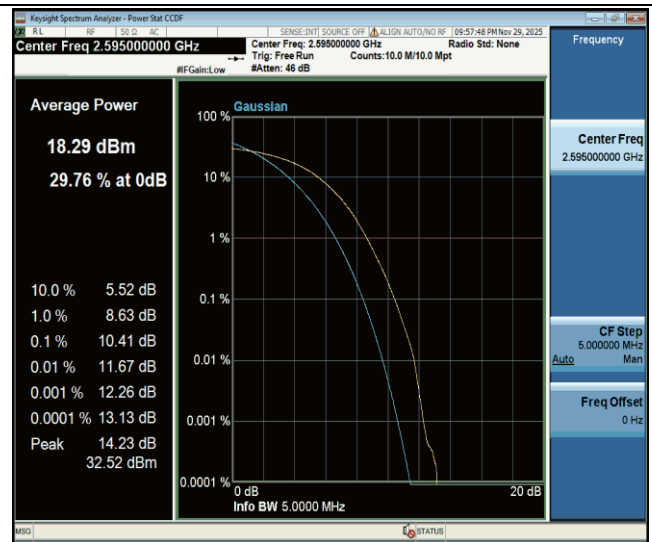
Band38	20MHz	256QAM	37850	100RB#0	10.17	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.12	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.63	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	10.17	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	10.71	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.04	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.65	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	10.79	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	10.62	13	PASS

Test Graphs

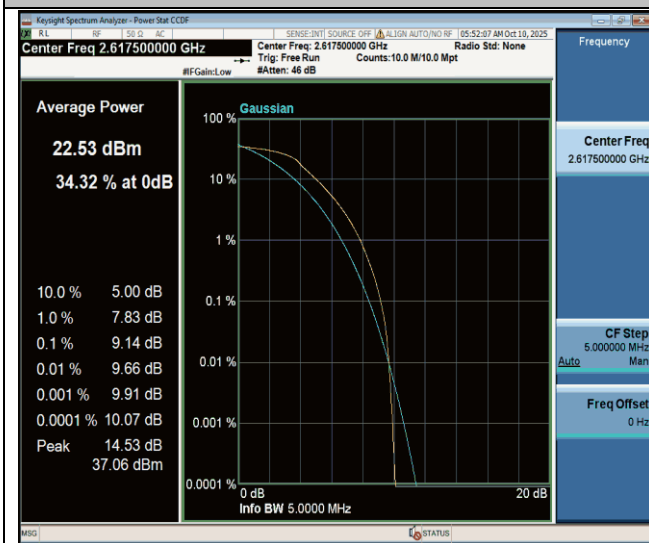




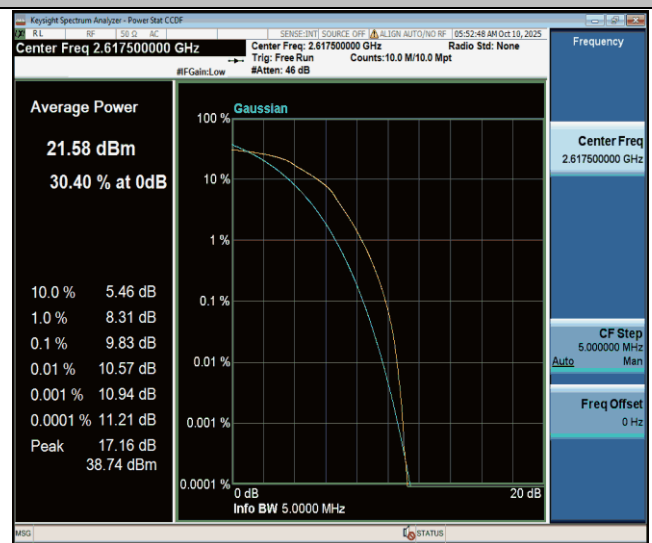
Band38-5MHz-64QAM-38000-25RB#0-PASS



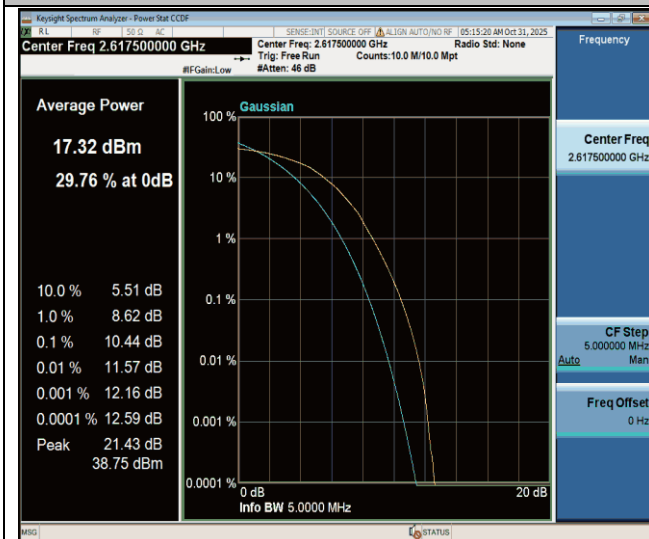
Band38-5MHz-256QAM-38000-25RB#0-PASS



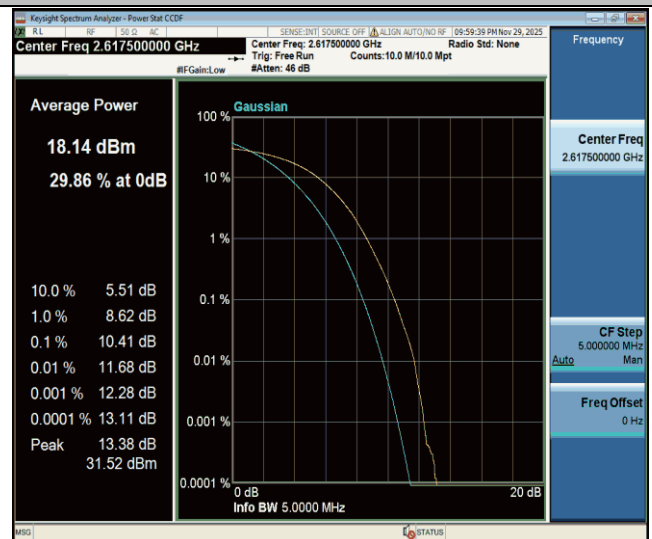
Band38-5MHz-QPSK-38225-25RB#0-PASS



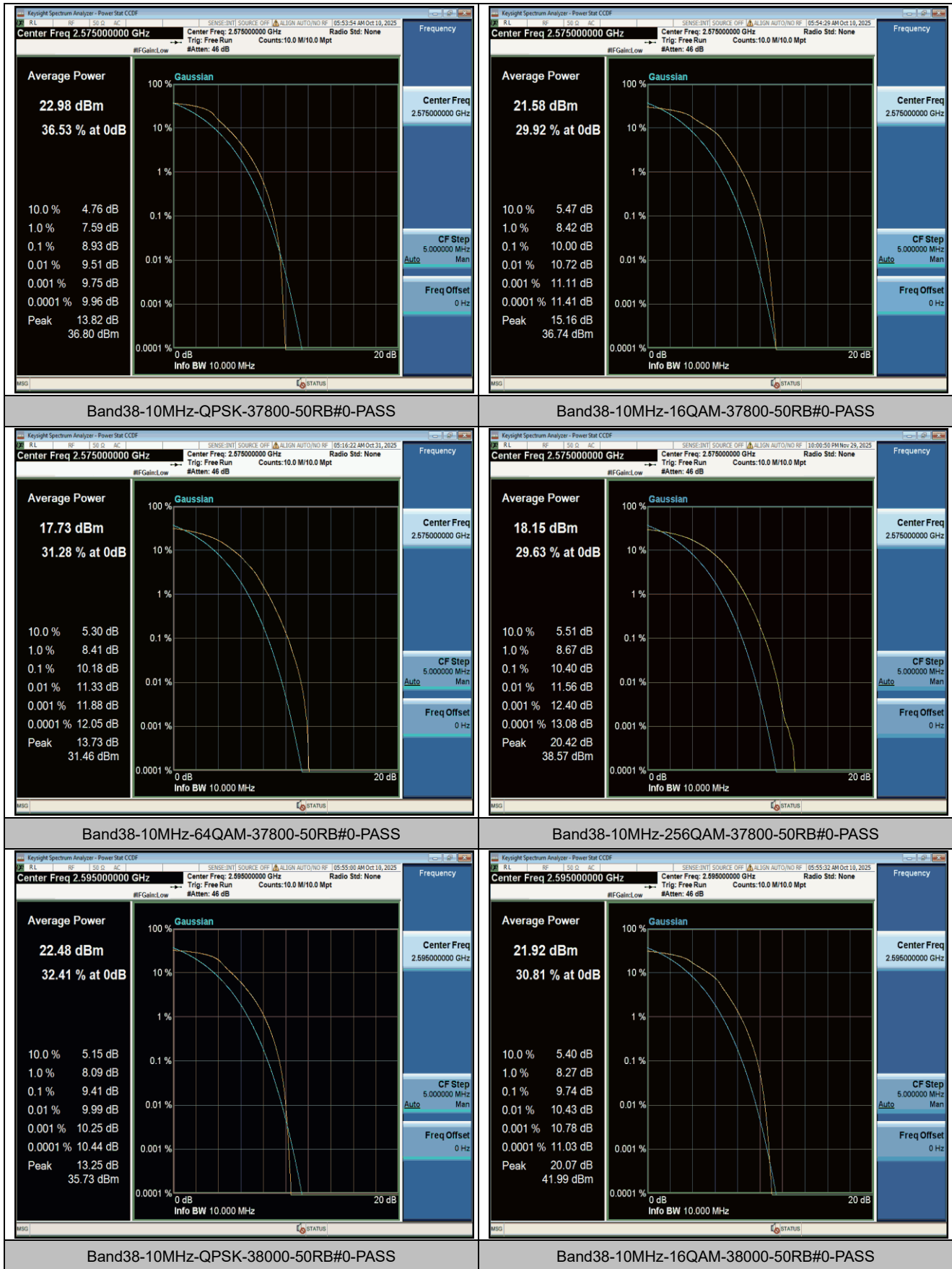
Band38-5MHz-16QAM-38225-25RB#0-PASS

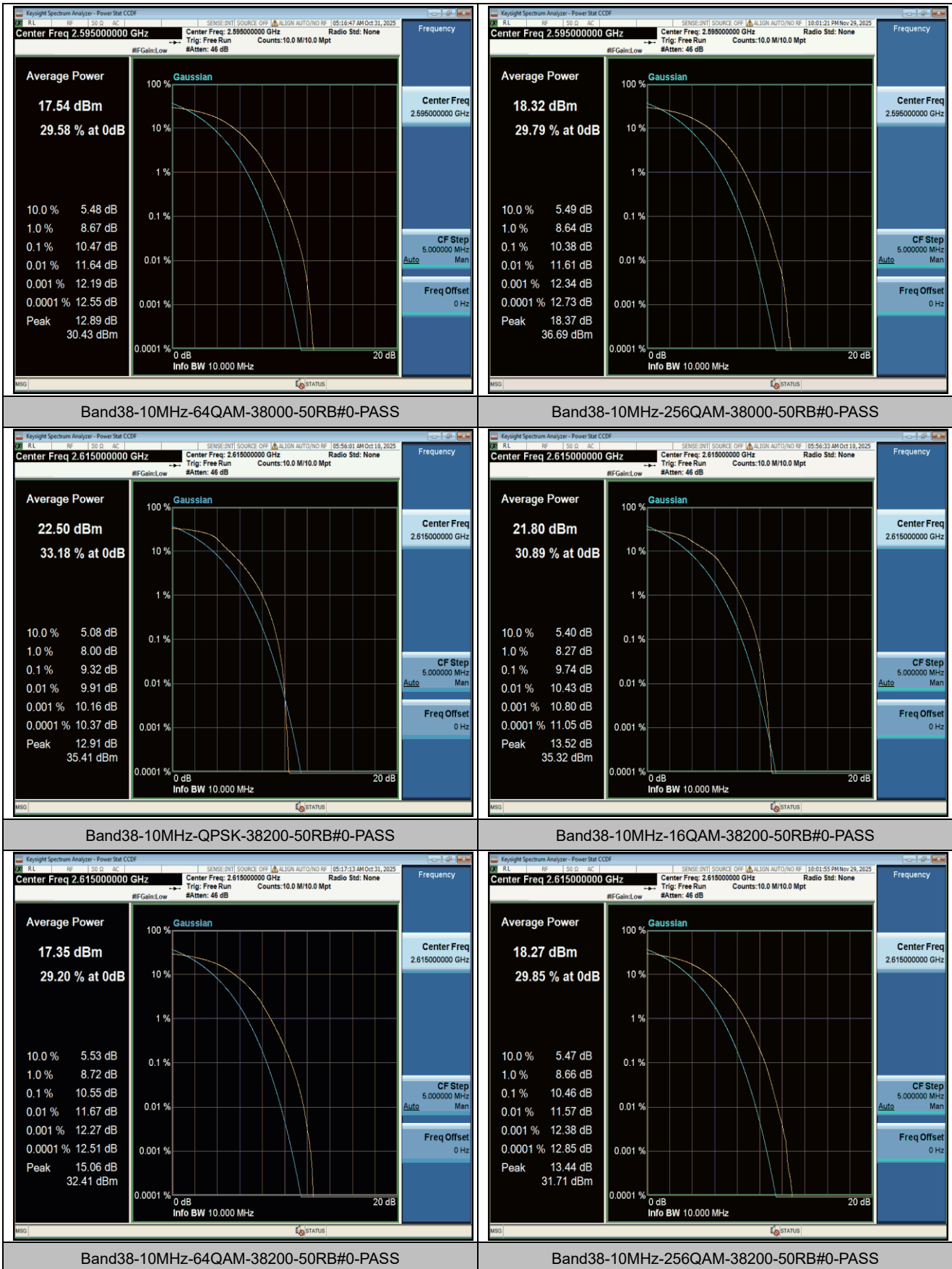


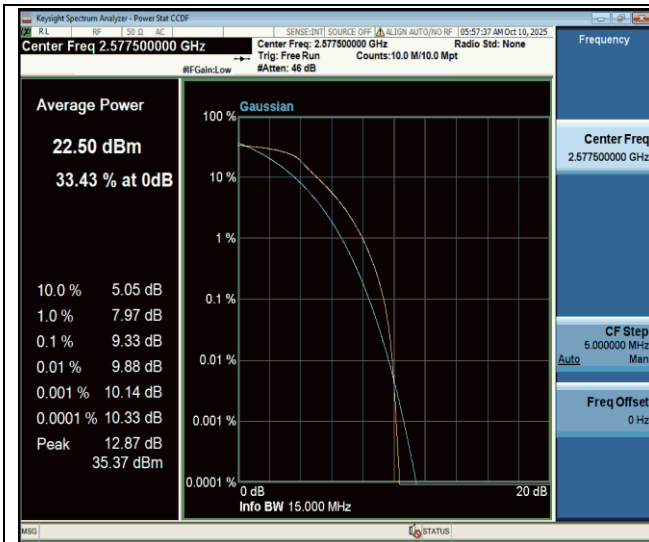
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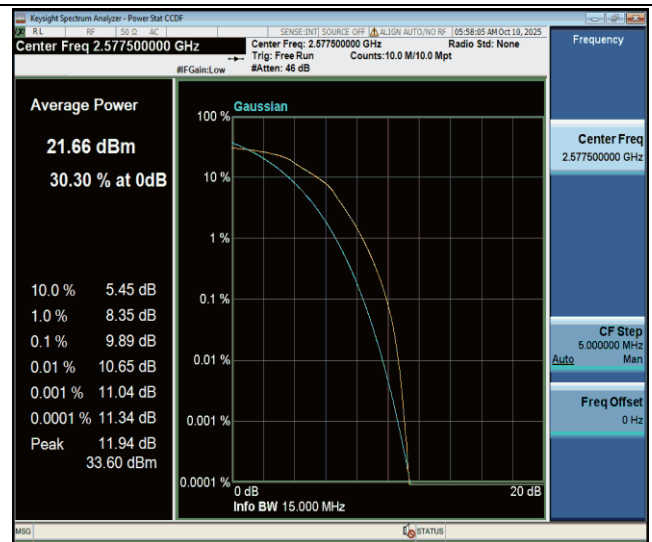
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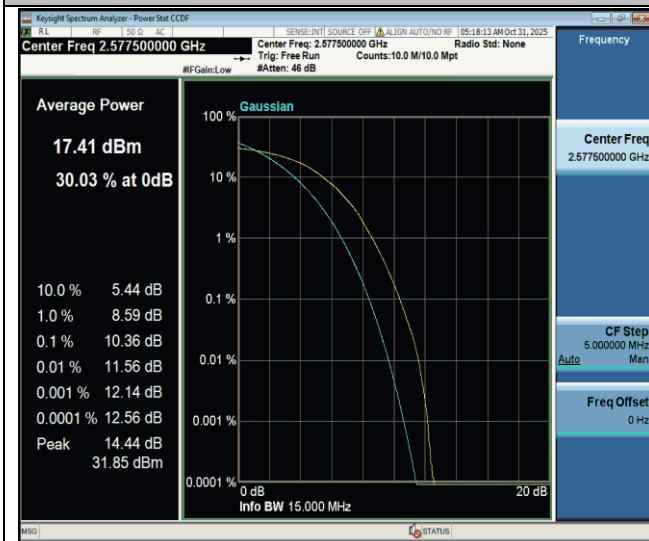




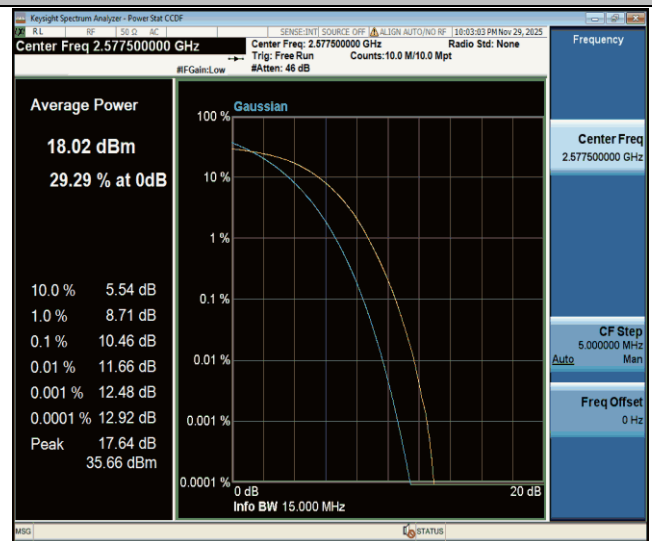
Band38-15MHz-QPSK-37825-75RB#0-PASS



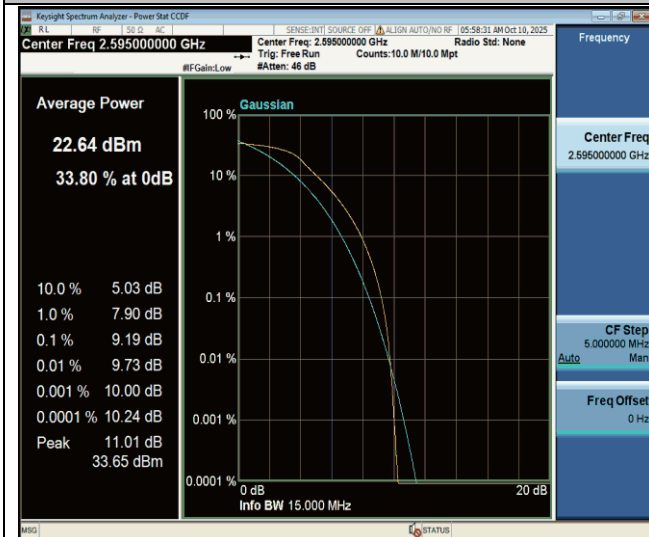
Band38-15MHz-16QAM-37825-75RB#0-PASS



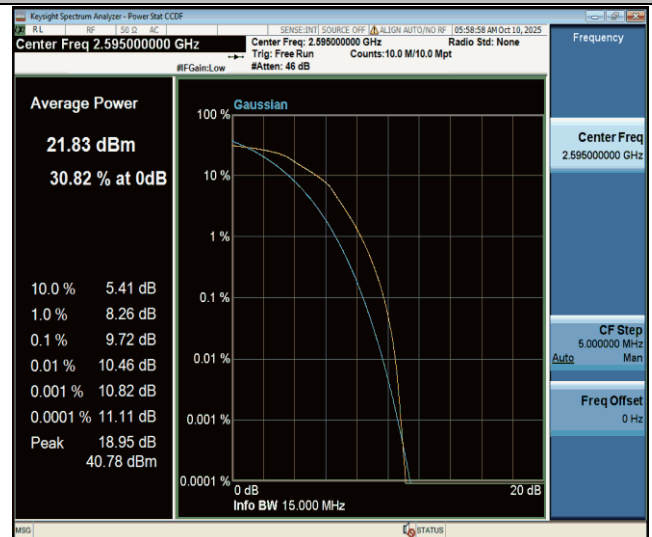
Band38-15MHz-64QAM-37825-75RB#0-PASS



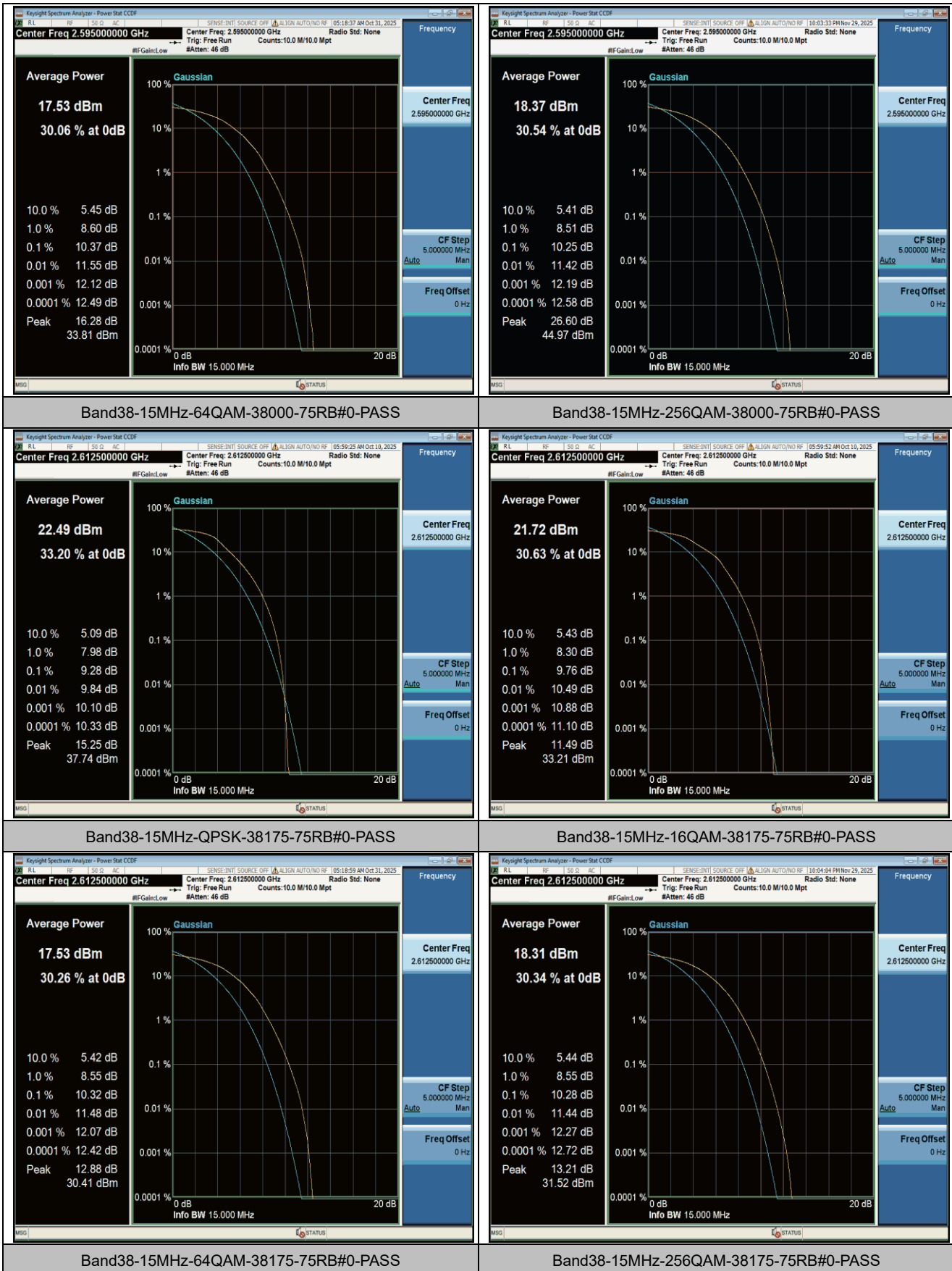
Band38-15MHz-256QAM-37825-75RB#0-PASS

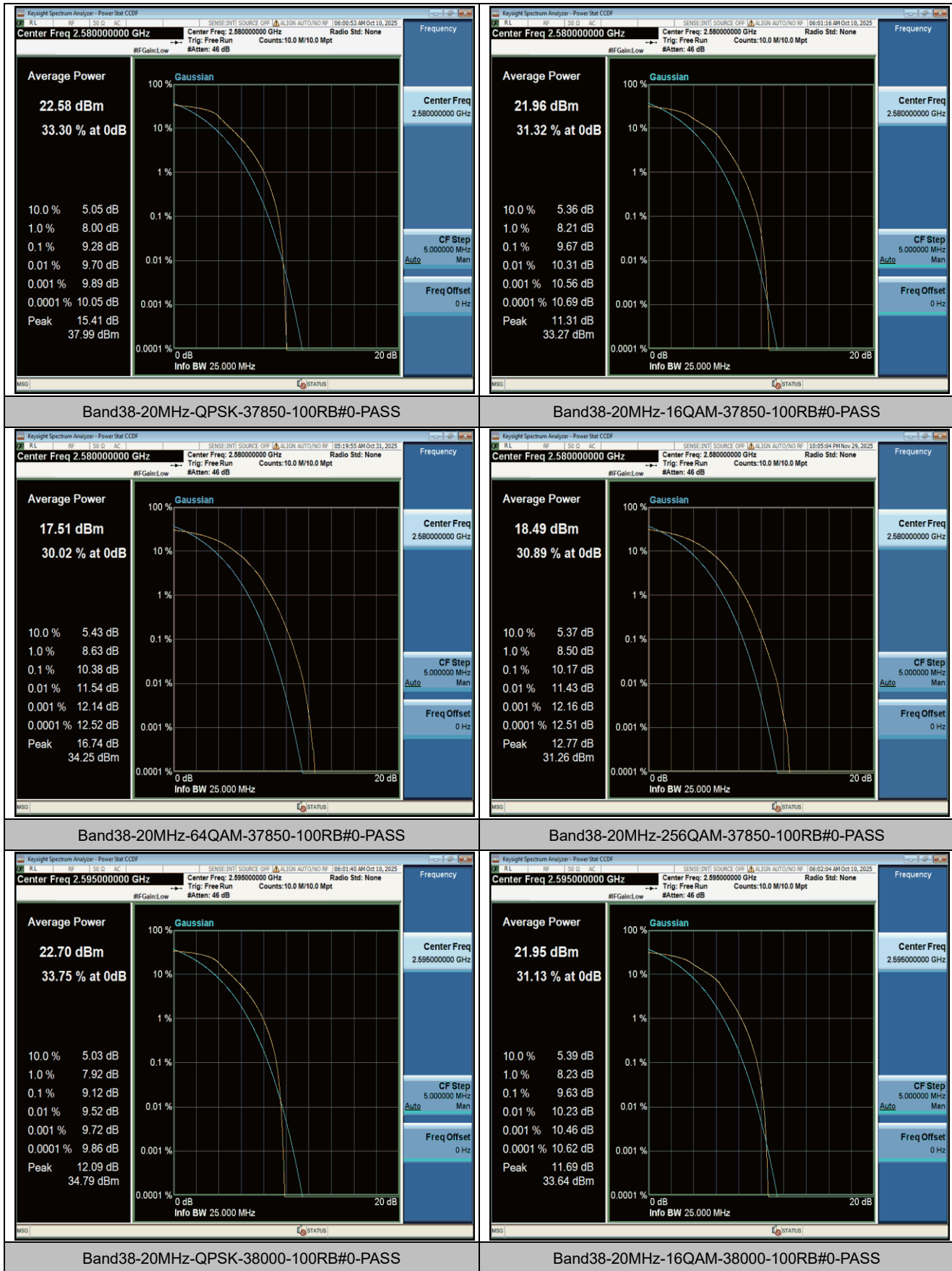


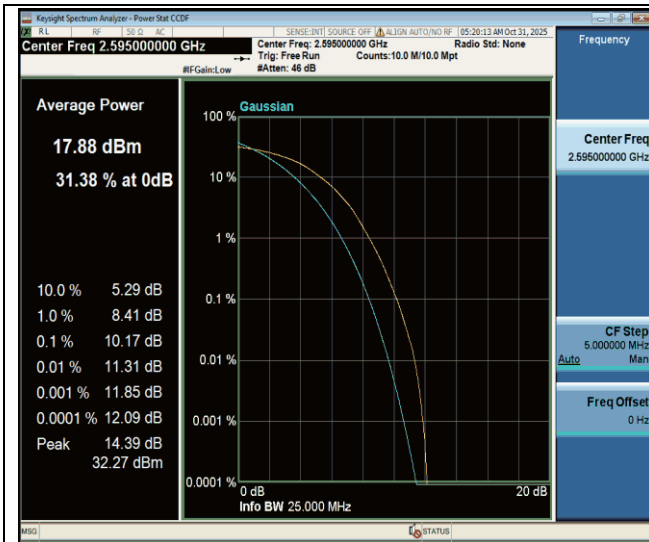
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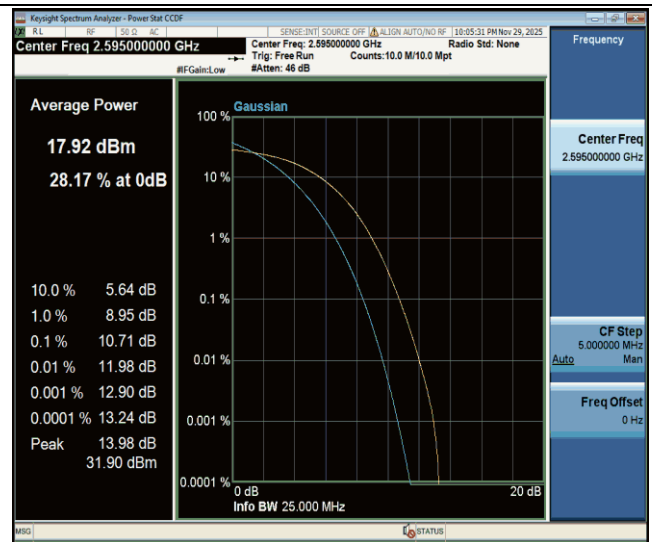
Band38-15MHz-16QAM-38000-75RB#0-PASS



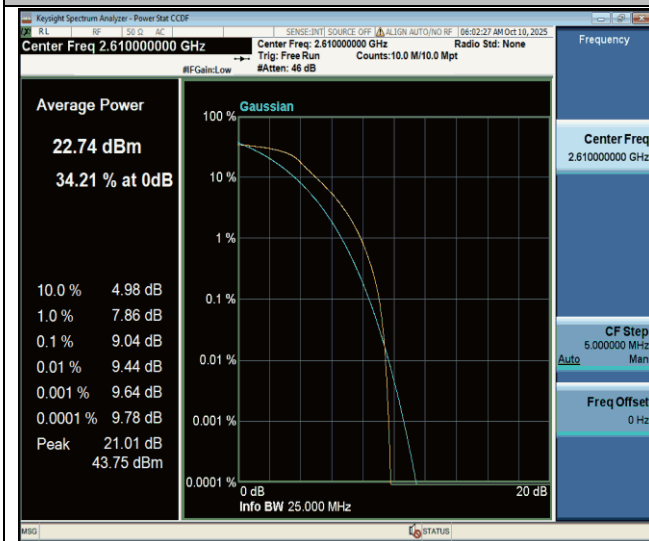




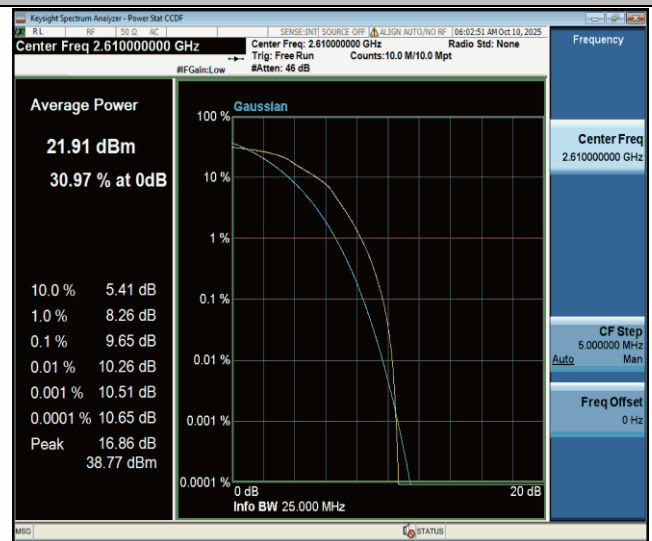
Band38-20MHz-64QAM-38000-100RB#0-PASS



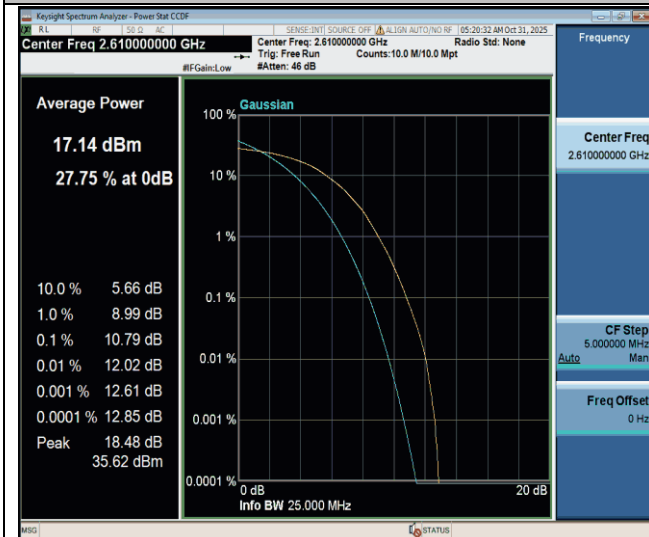
Band38-20MHz-256QAM-38000-100RB#0-PASS



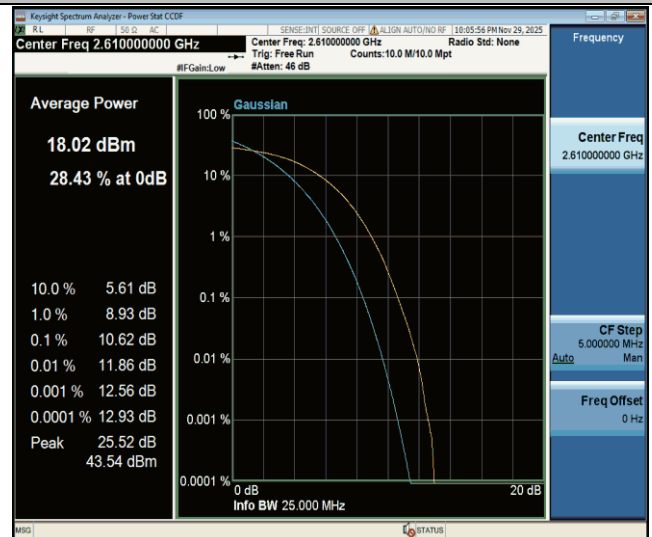
Band38-20MHz-QPSK-38150-100RB#0-PASS



Band38-20MHz-16QAM-38150-100RB#0-PASS



Band38-20MHz-64QAM-38150-100RB#0-PASS



Band38-20MHz-256QAM-38150-100RB#0-PASS

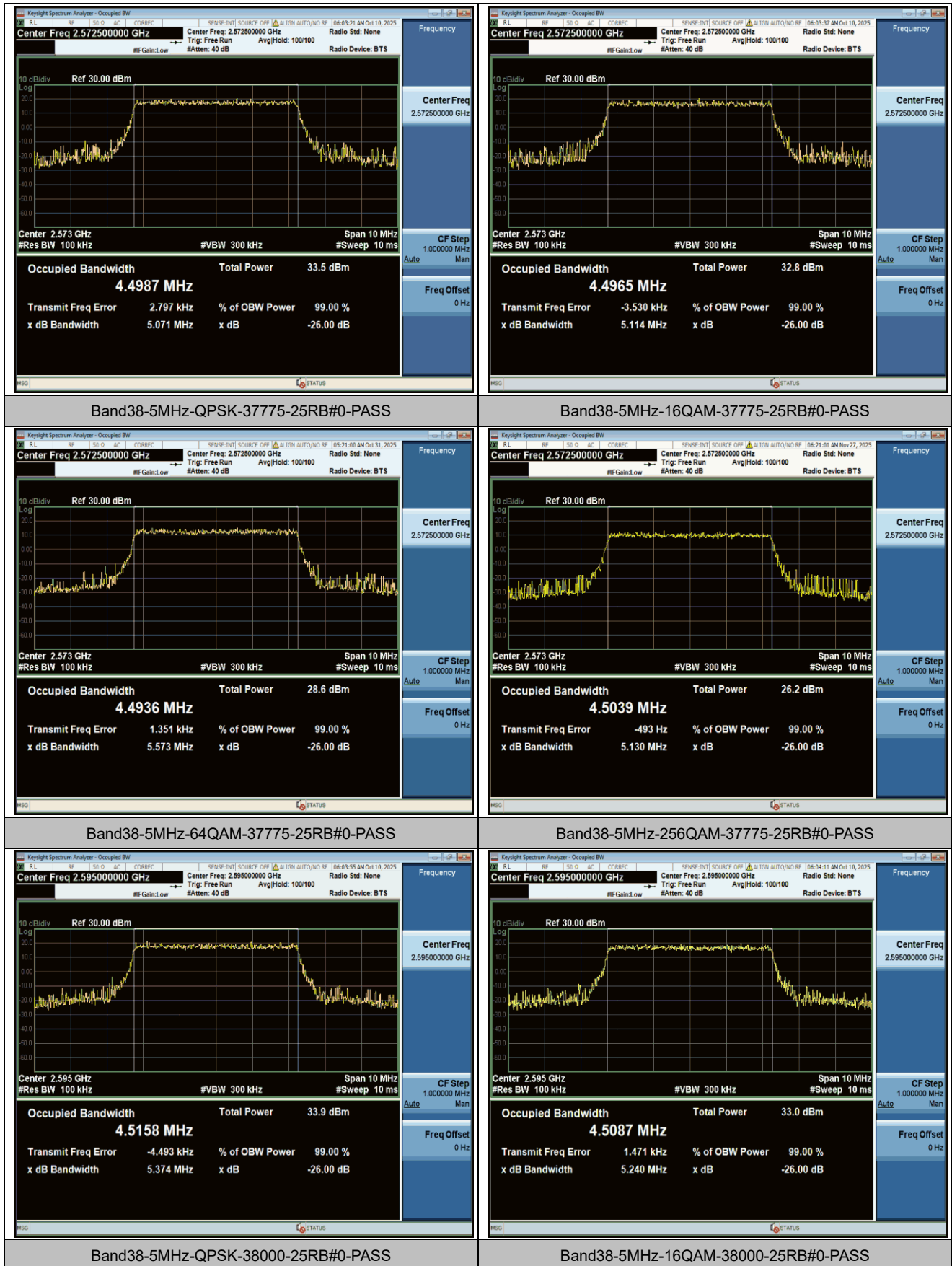
26dB Bandwidth and Occupied Bandwidth

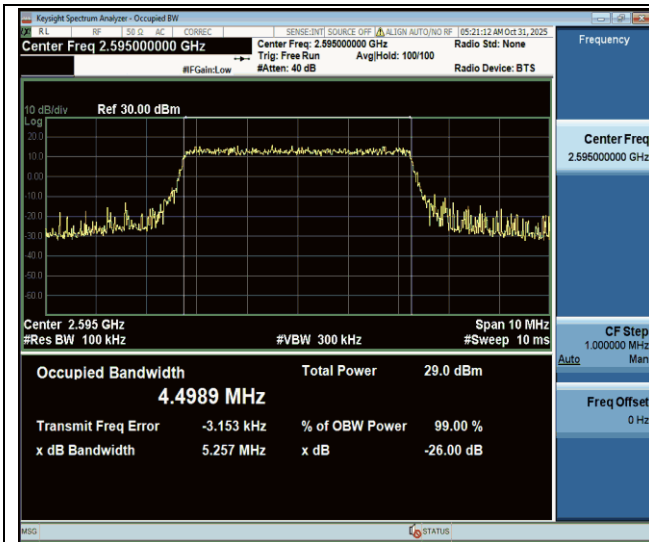
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4987	5.071	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4965	5.114	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.4936	5.573	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.5039	5.130	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5158	5.374	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5087	5.240	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.4989	5.257	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.5098	5.134	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5087	5.153	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4977	5.158	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.4954	5.483	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.4992	5.089	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9894	10.15	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0144	11.22	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.9641	10.01	PASS
Band38	10MHz	256QAM	37800	50RB#0	8.9693	10.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0013	10.12	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9924	11.94	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.9785	10.18	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.9981	10.29	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0085	10.06	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0028	10.59	PASS
Band38	10MHz	64QAM	38200	50RB#0	9.0056	10.30	PASS
Band38	10MHz	256QAM	38200	50RB#0	8.9898	10.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.459	15.02	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.471	15.86	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.504	16.61	PASS
Band38	15MHz	256QAM	37825	75RB#0	13.470	15.93	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.490	15.04	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.484	15.22	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.472	15.93	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.449	15.51	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.495	15.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.471	15.42	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.488	16.17	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.503	15.27	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.940	19.88	PASS
Band38	20MHz	16QAM	37850	100RB#0	18.002	20.33	PASS

Band38	20MHz	64QAM	37850	100RB#0	17.974	19.64	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.964	19.58	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.960	19.64	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.944	20.99	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.978	20.24	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.930	20.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.975	20.44	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.933	21.56	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.982	19.73	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.941	19.73	PASS

Test Graphs

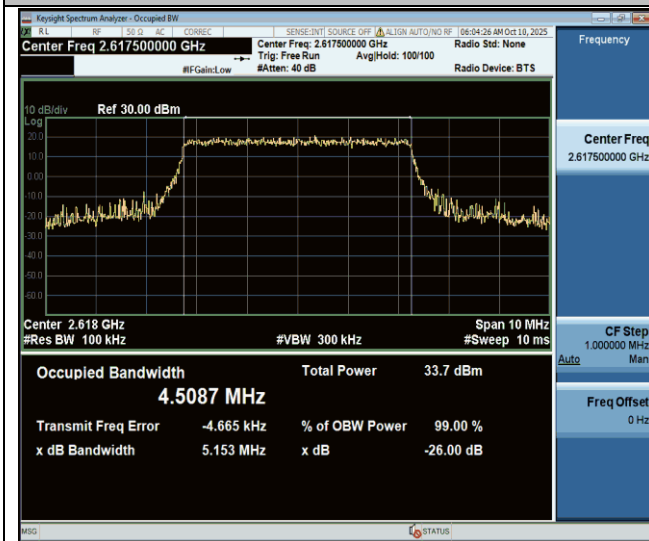




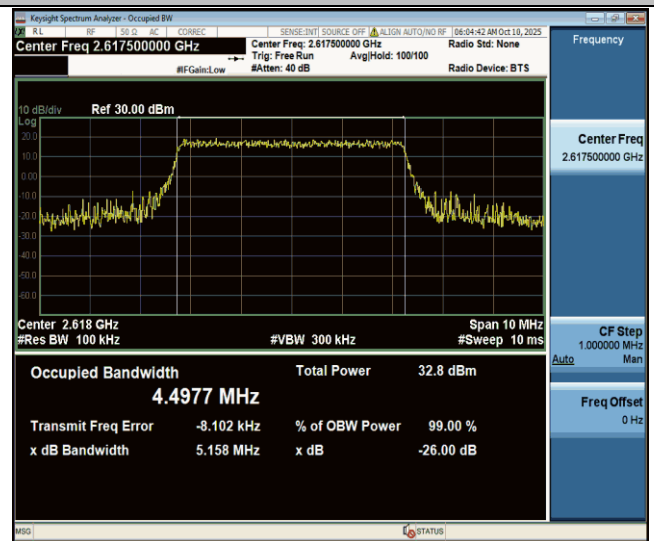
Band38-5MHz-64QAM-38000-25RB#0-PASS



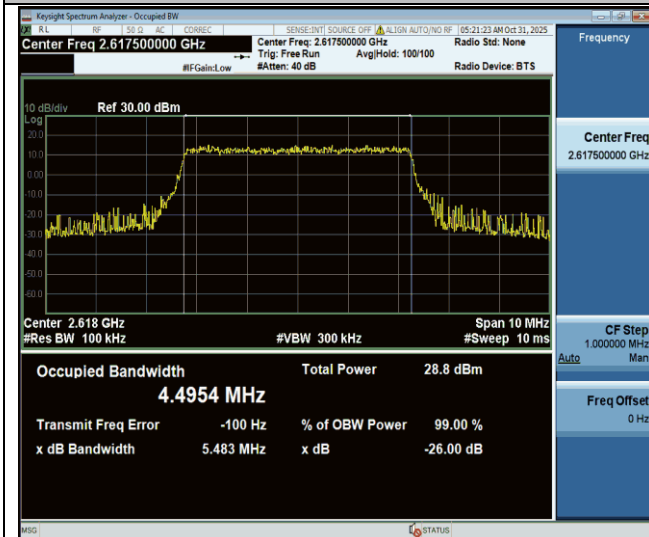
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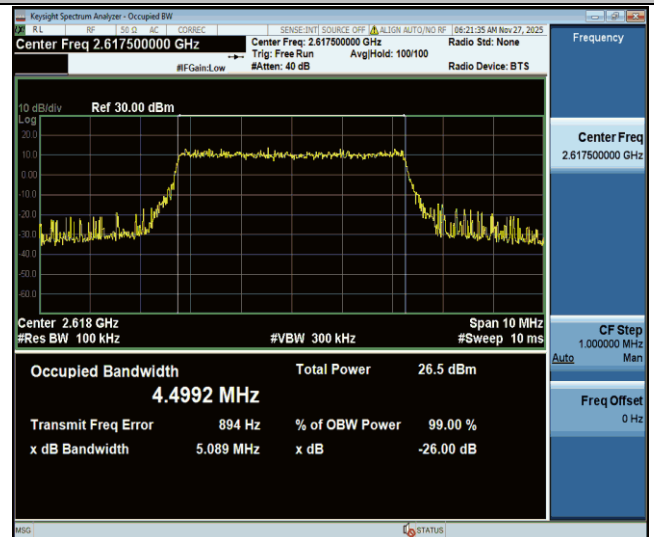
Band38-5MHz-QPSK-38225-25RB#0-PASS



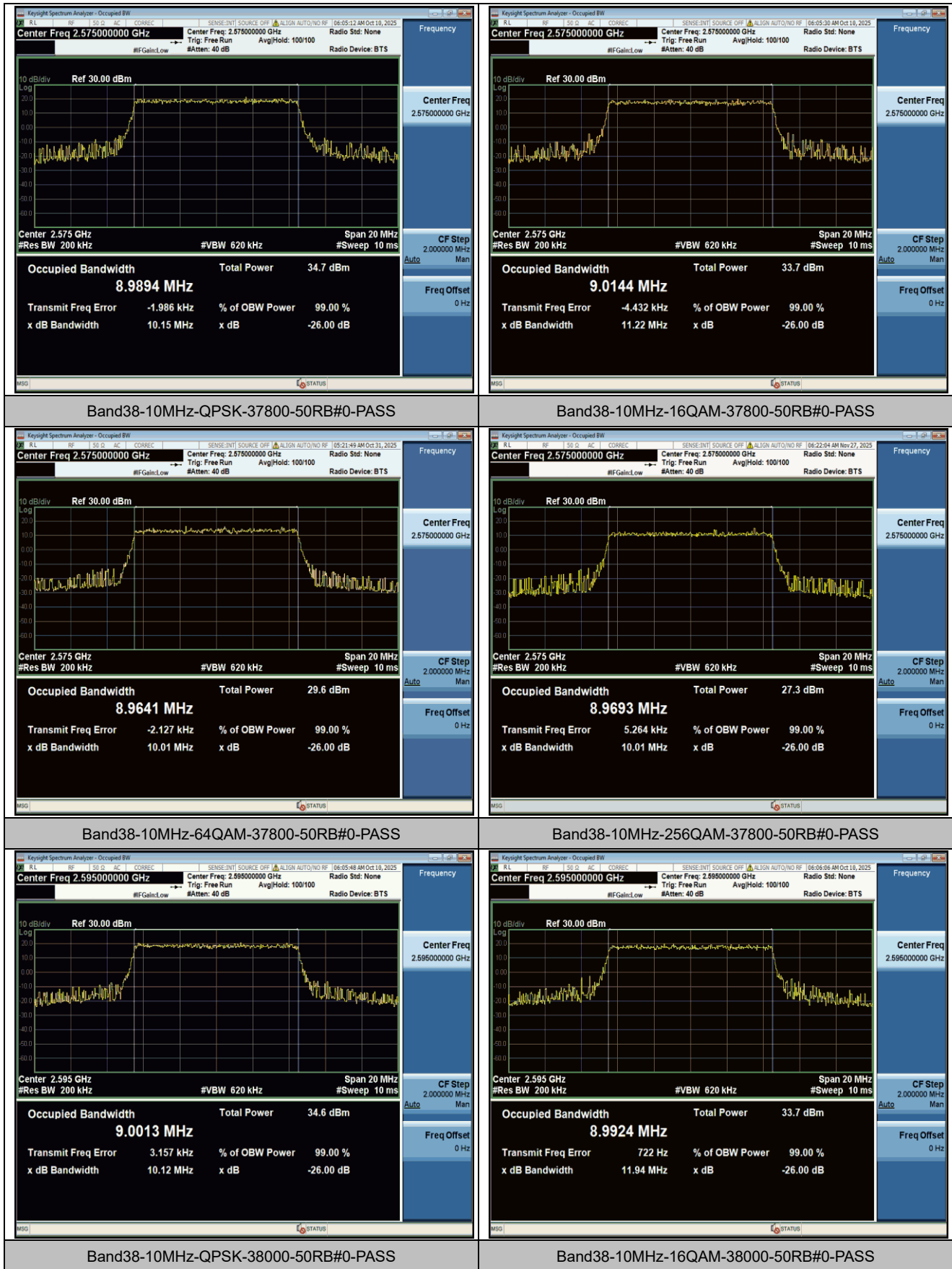
Band38-5MHz-16QAM-38225-25RB#0-PASS



Band38-5MHz-64QAM-38225-25RB#0-PASS



Band38-5MHz-256QAM-38225-25RB#0-PASS

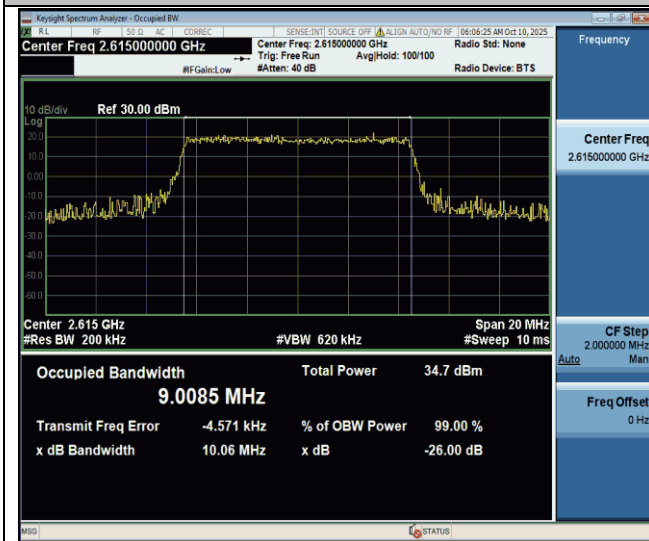




Band38-10MHz-64QAM-38000-50RB#0-PASS



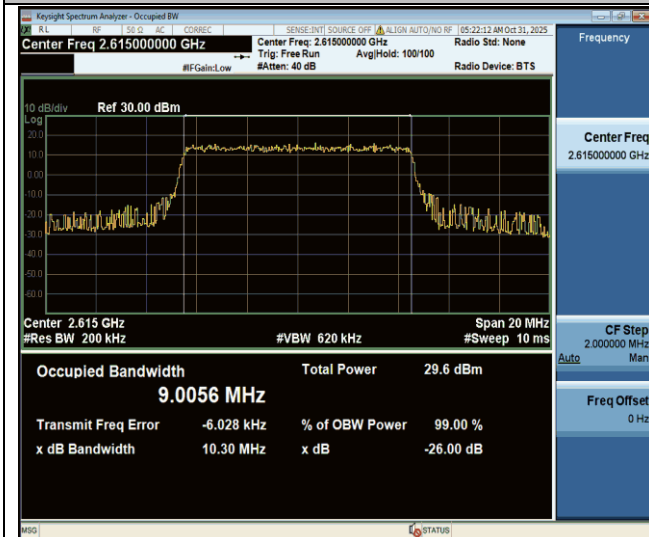
Band38-10MHz-256QAM-38000-50RB#0-PASS



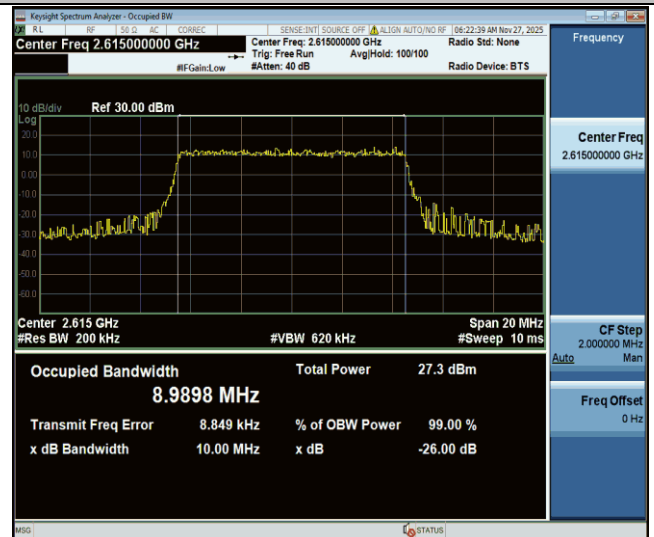
Band38-10MHz-QPSK-38200-50RB#0-PASS



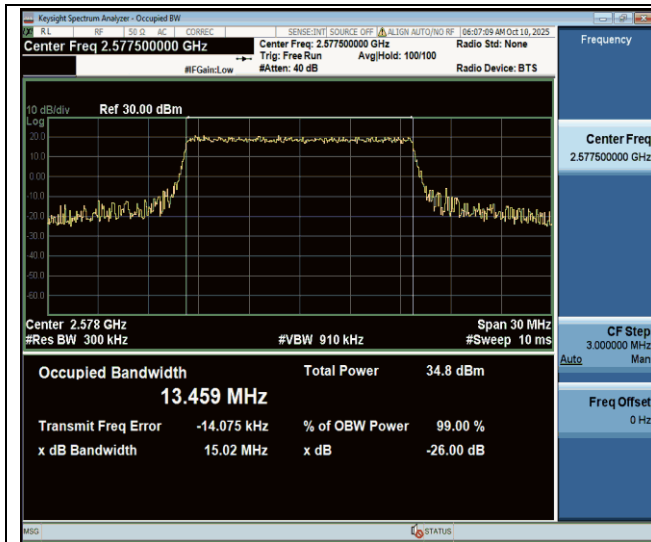
Band38-10MHz-16QAM-38200-50RB#0-PASS



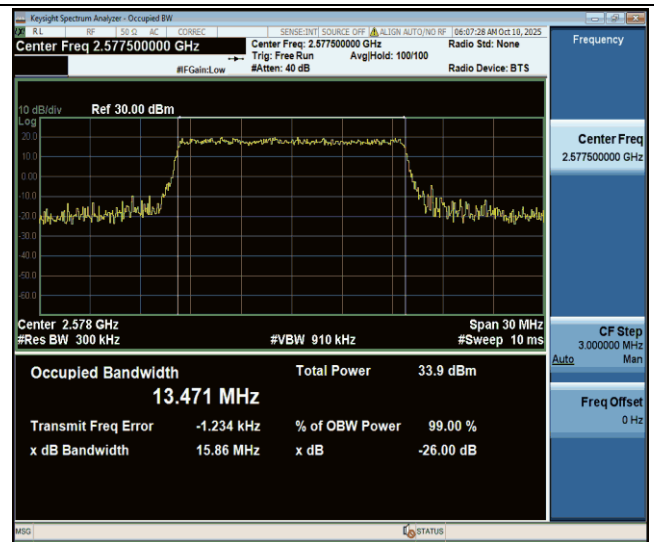
Band38-10MHz-64QAM-38200-50RB#0-PASS



Band38-10MHz-256QAM-38200-50RB#0-PASS



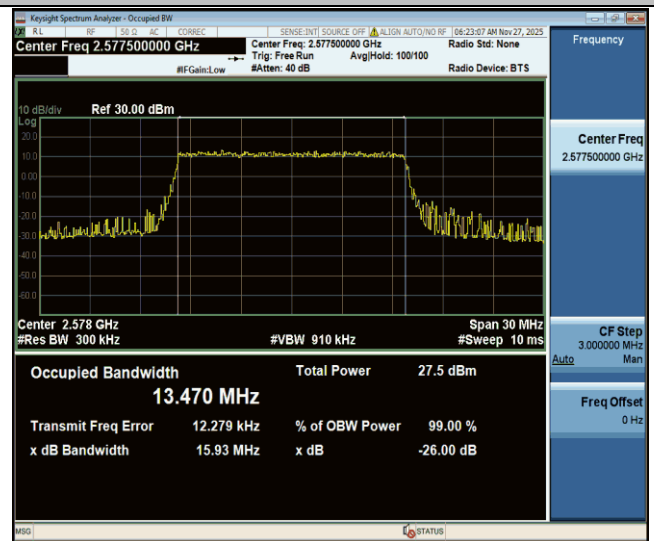
Band38-15MHz-QPSK-37825-75RB#0-PASS



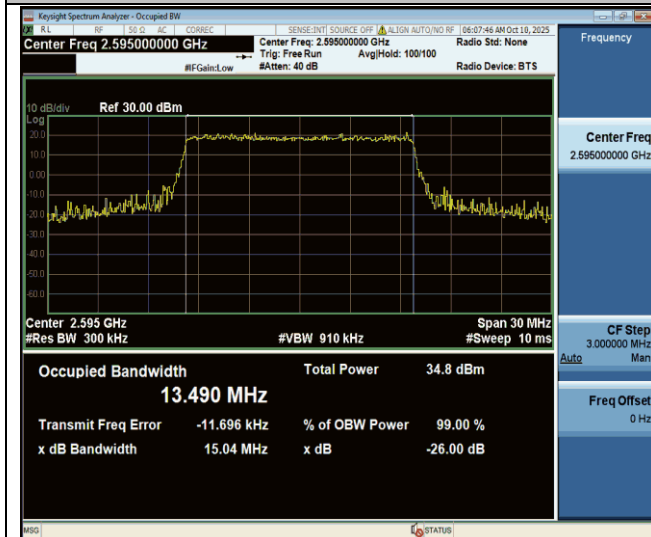
Band38-15MHz-16QAM-37825-75RB#0-PASS



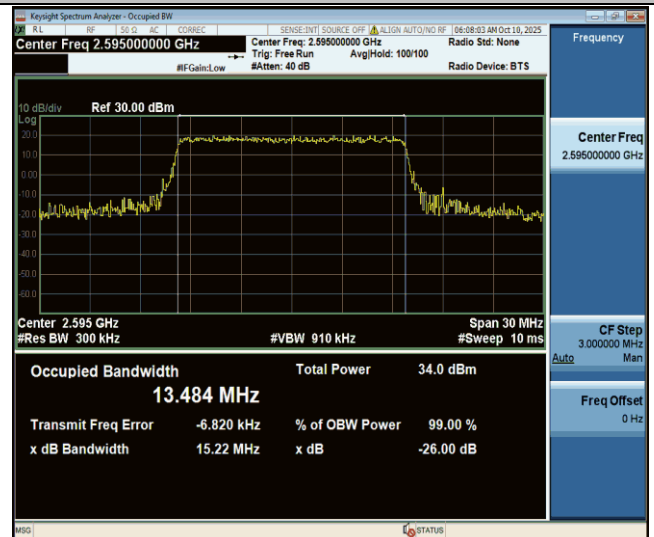
Band38-15MHz-64QAM-37825-75RB#0-PASS



Band38-15MHz-256QAM-37825-75RB#0-PASS



Band38-15MHz-QPSK-38000-75RB#0-PASS



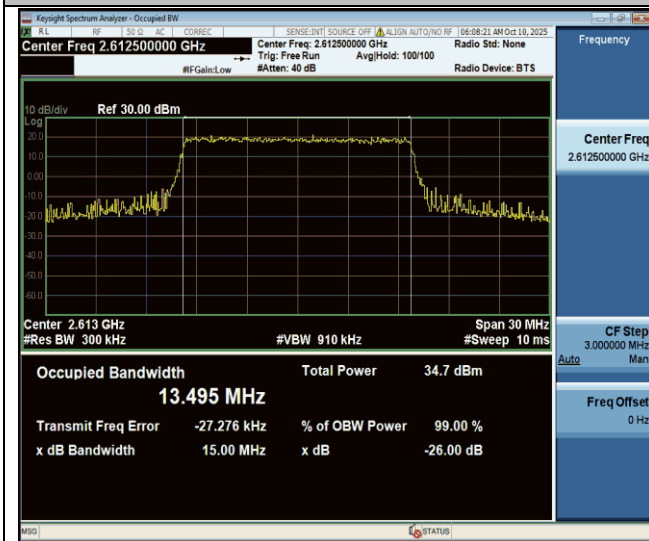
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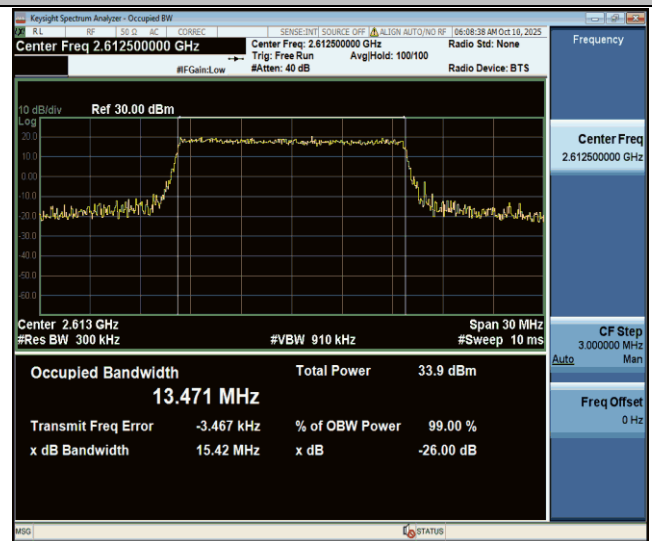
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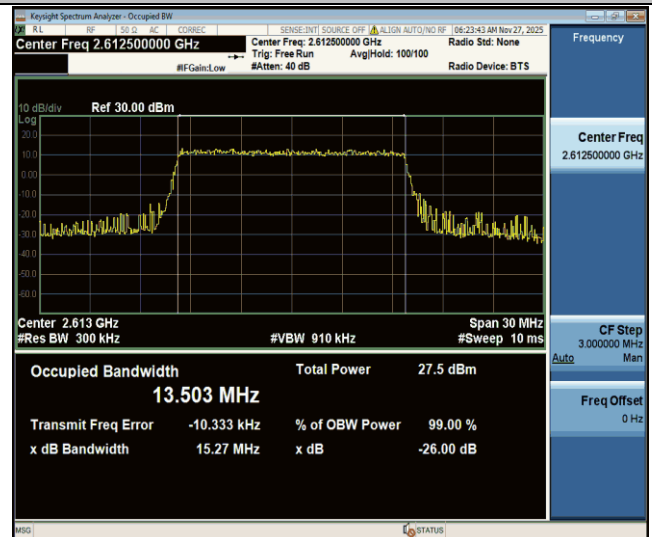
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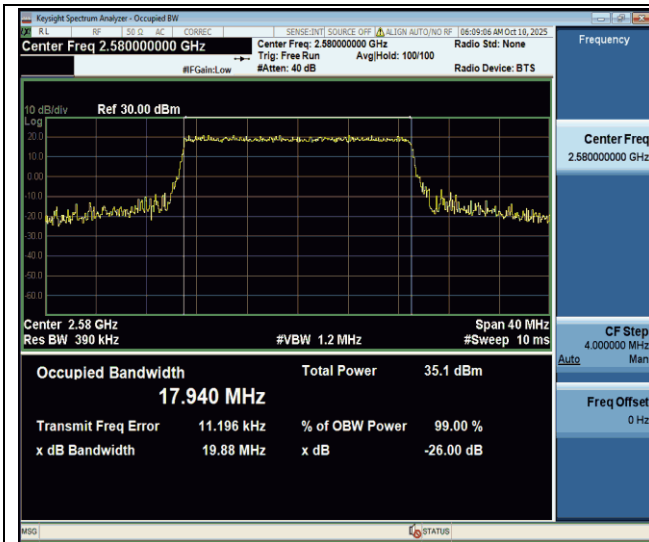
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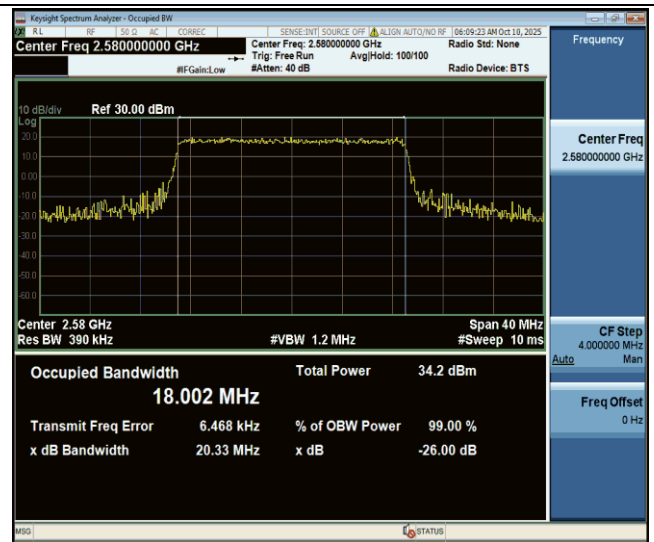
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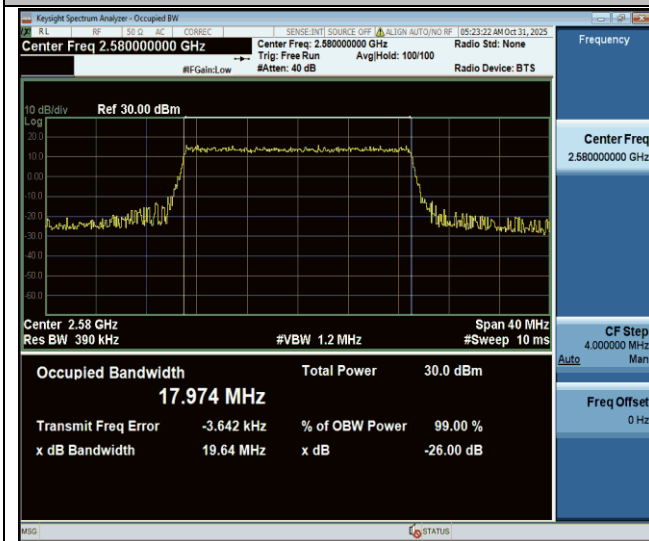
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Band38-20MHz-QPSK-37850-100RB#0-PASS



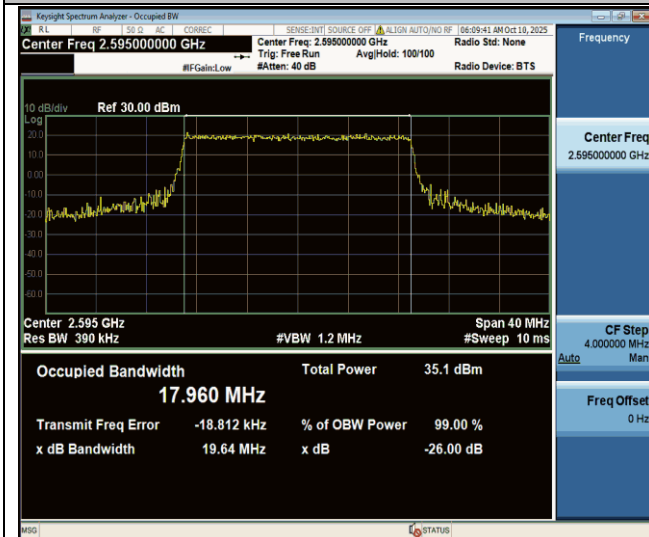
Band38-20MHz-16QAM-37850-100RB#0-PASS



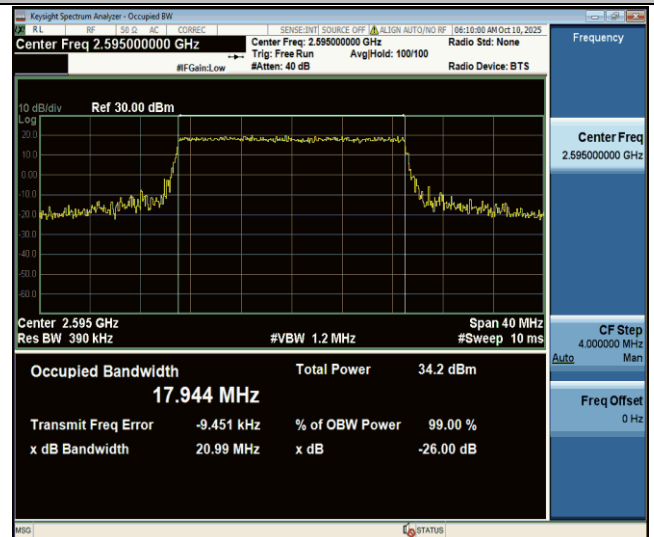
Band38-20MHz-64QAM-37850-100RB#0-PASS



Band38-20MHz-256QAM-37850-100RB#0-PASS



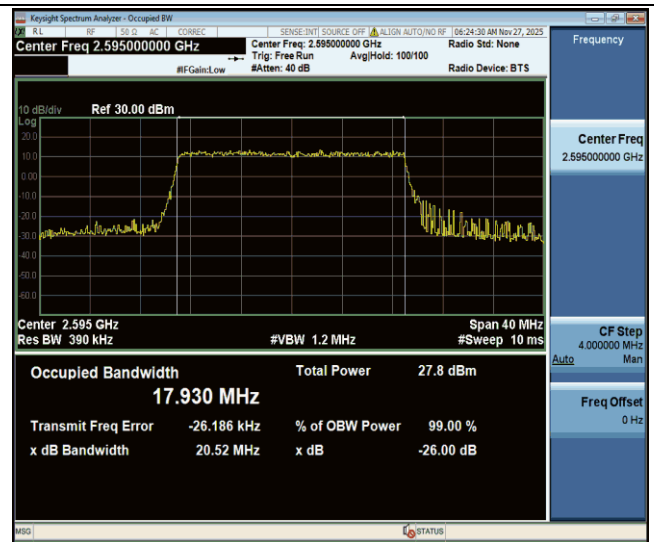
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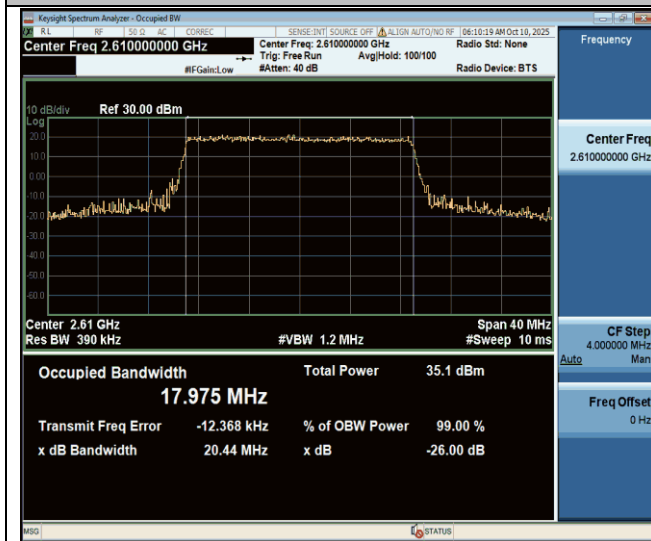
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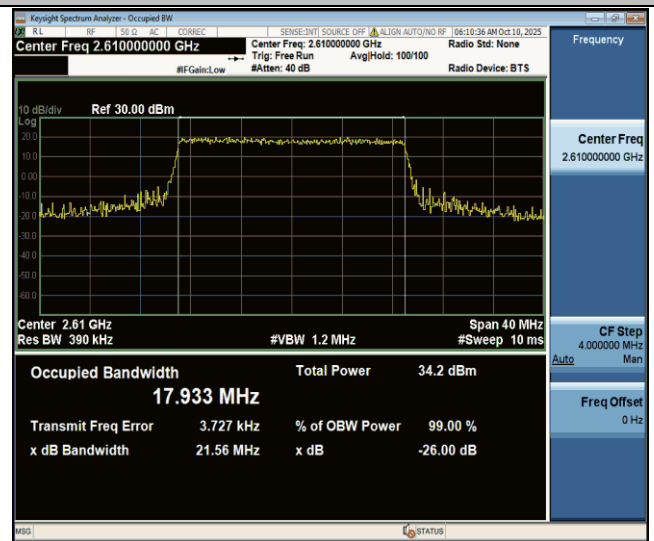
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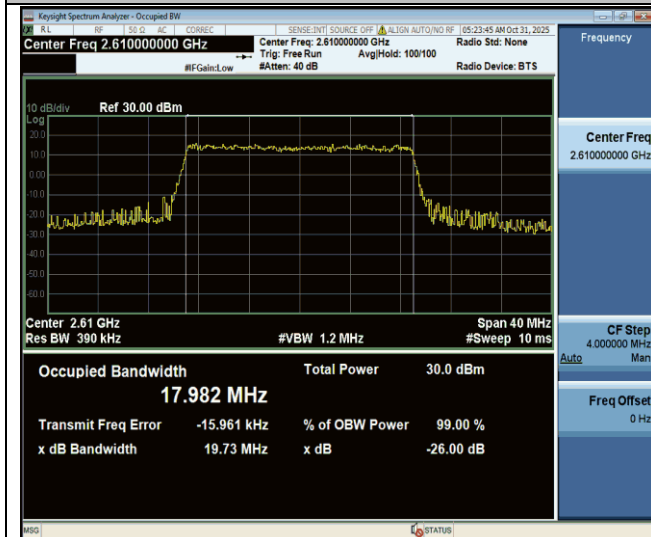
Band38-20MHz-256QAM-38000-100RB#0-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS



Band38-20MHz-16QAM-38150-100RB#0-PASS



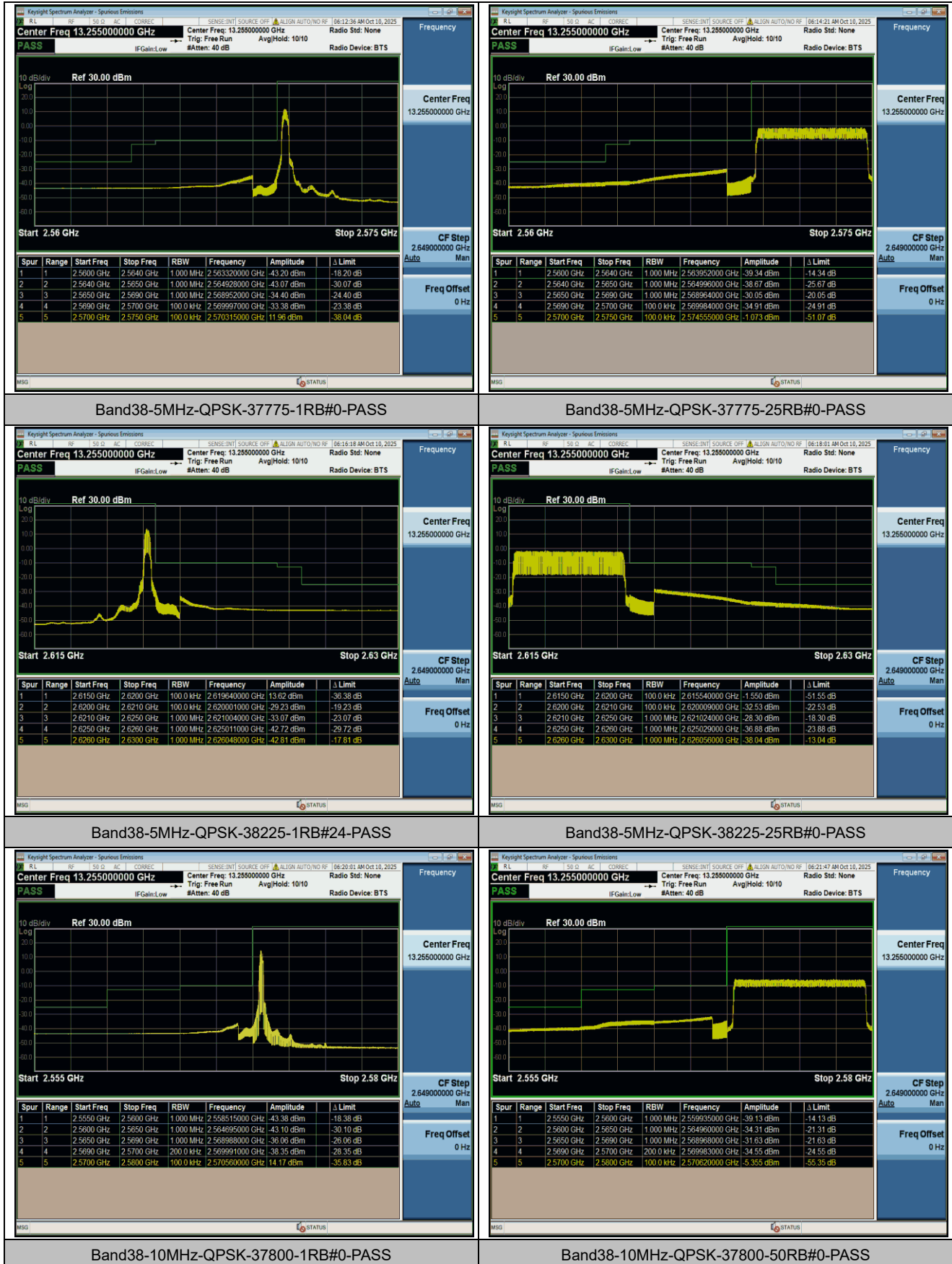
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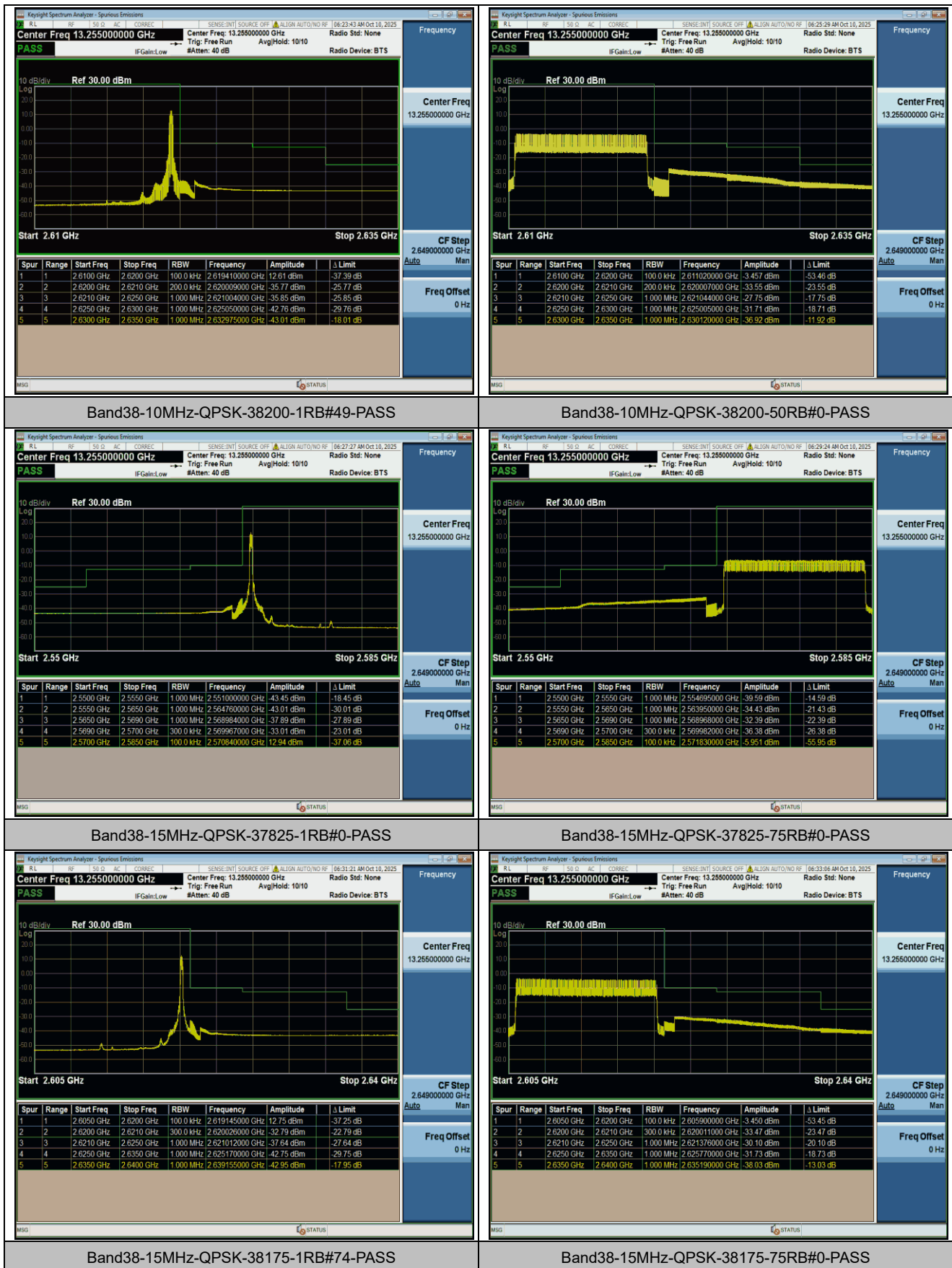


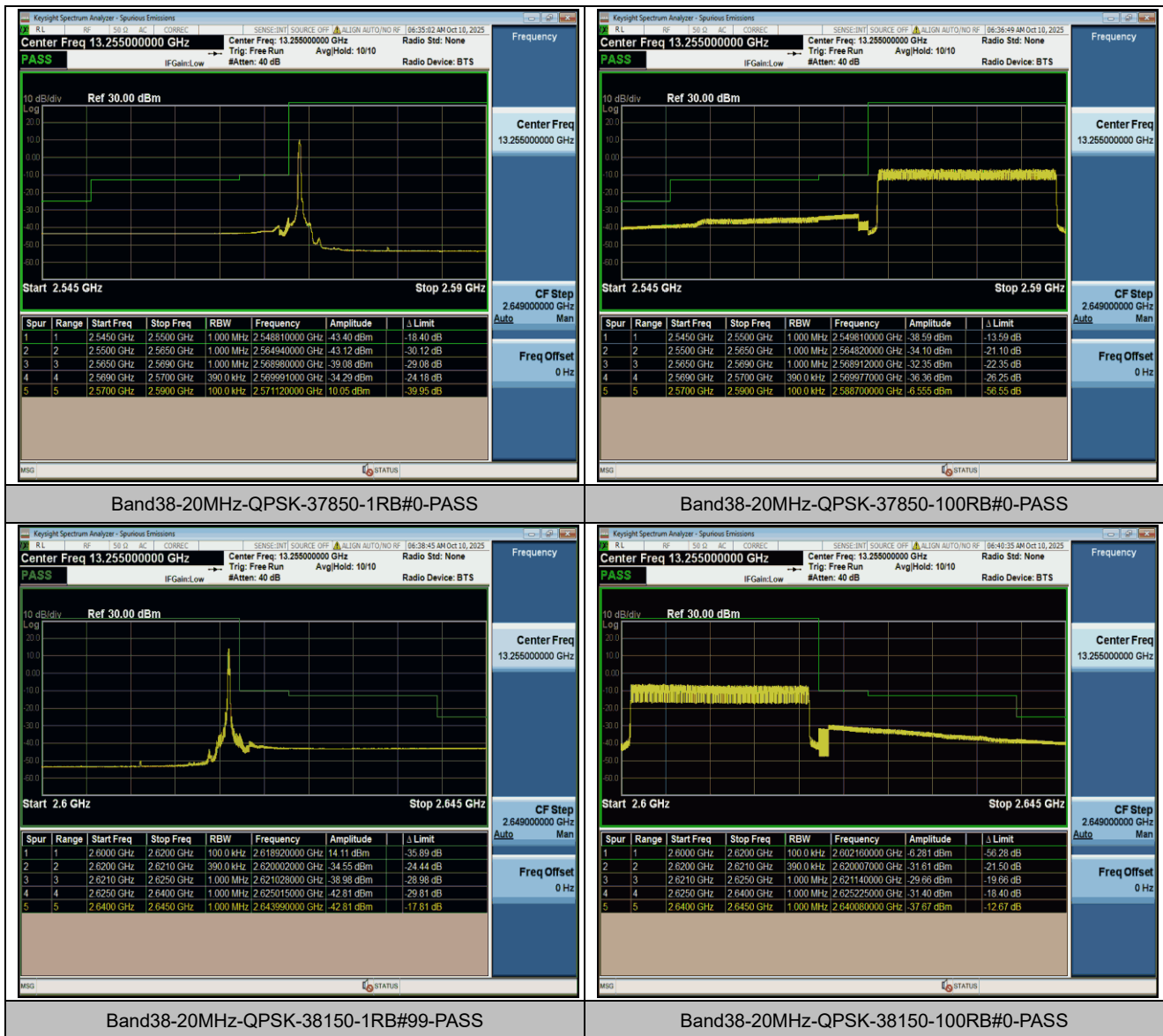
Band38-20MHz-256QAM-38150-100RB#0-PASS

Band Edge

Test Graphs

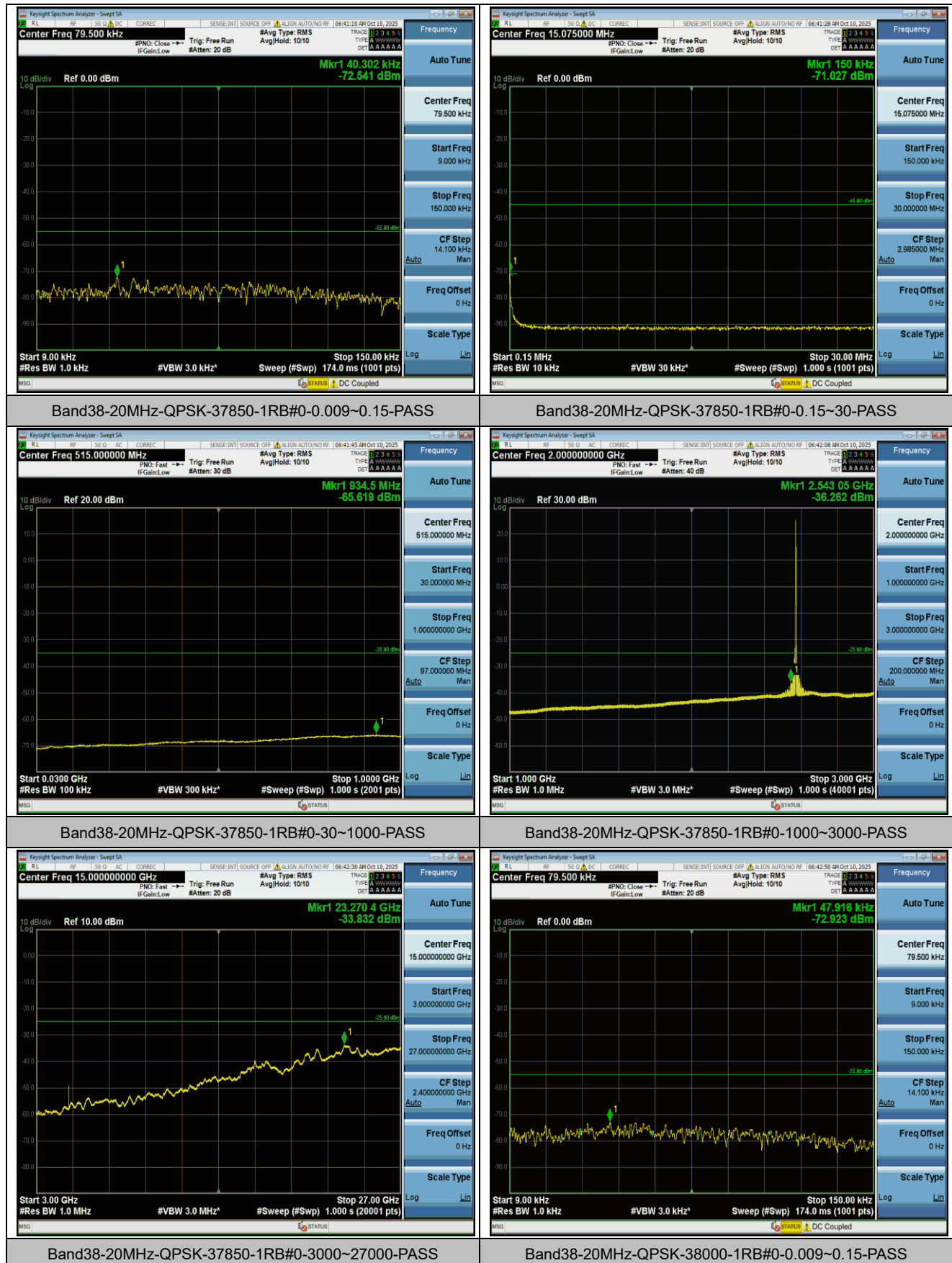


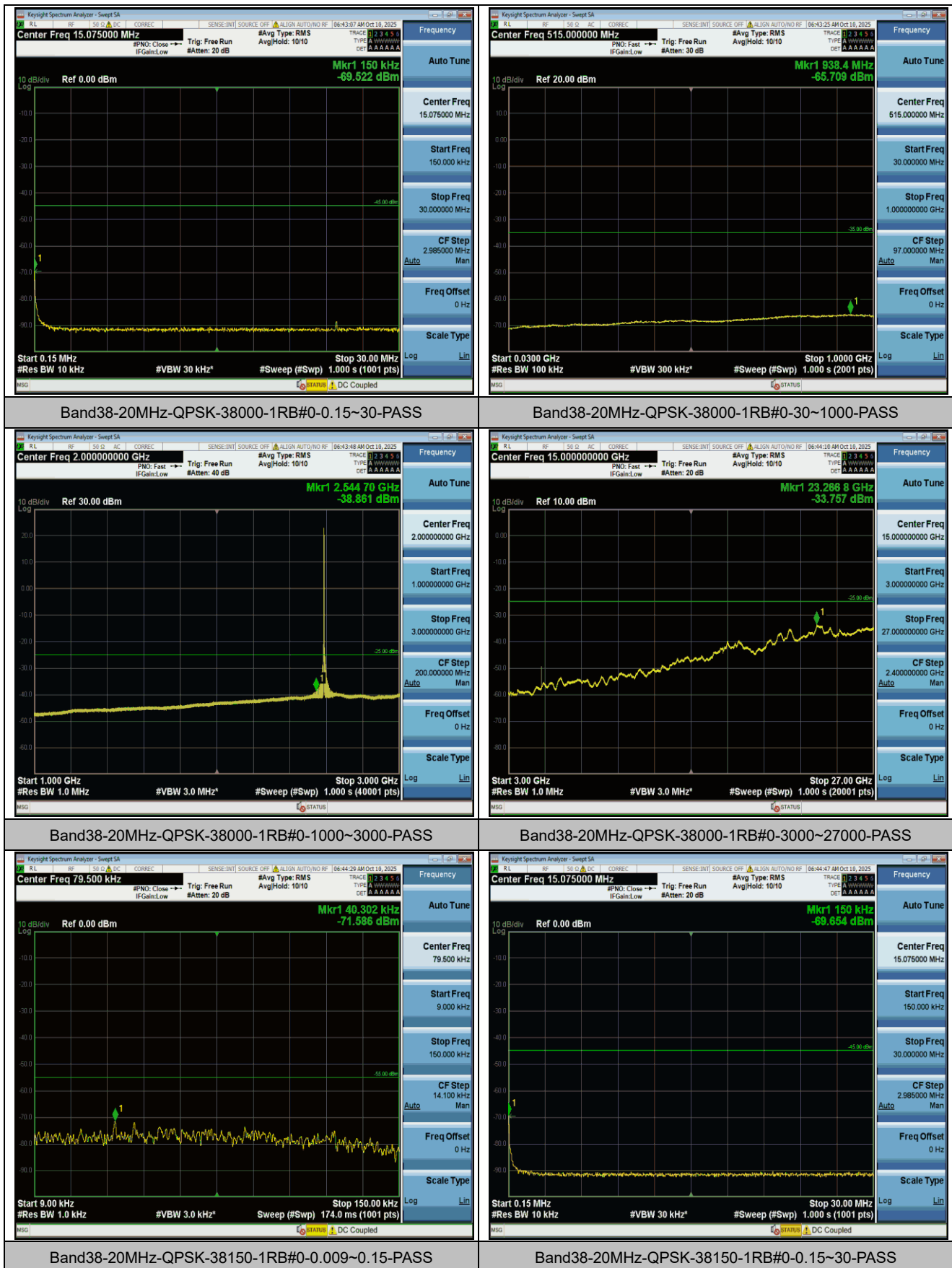


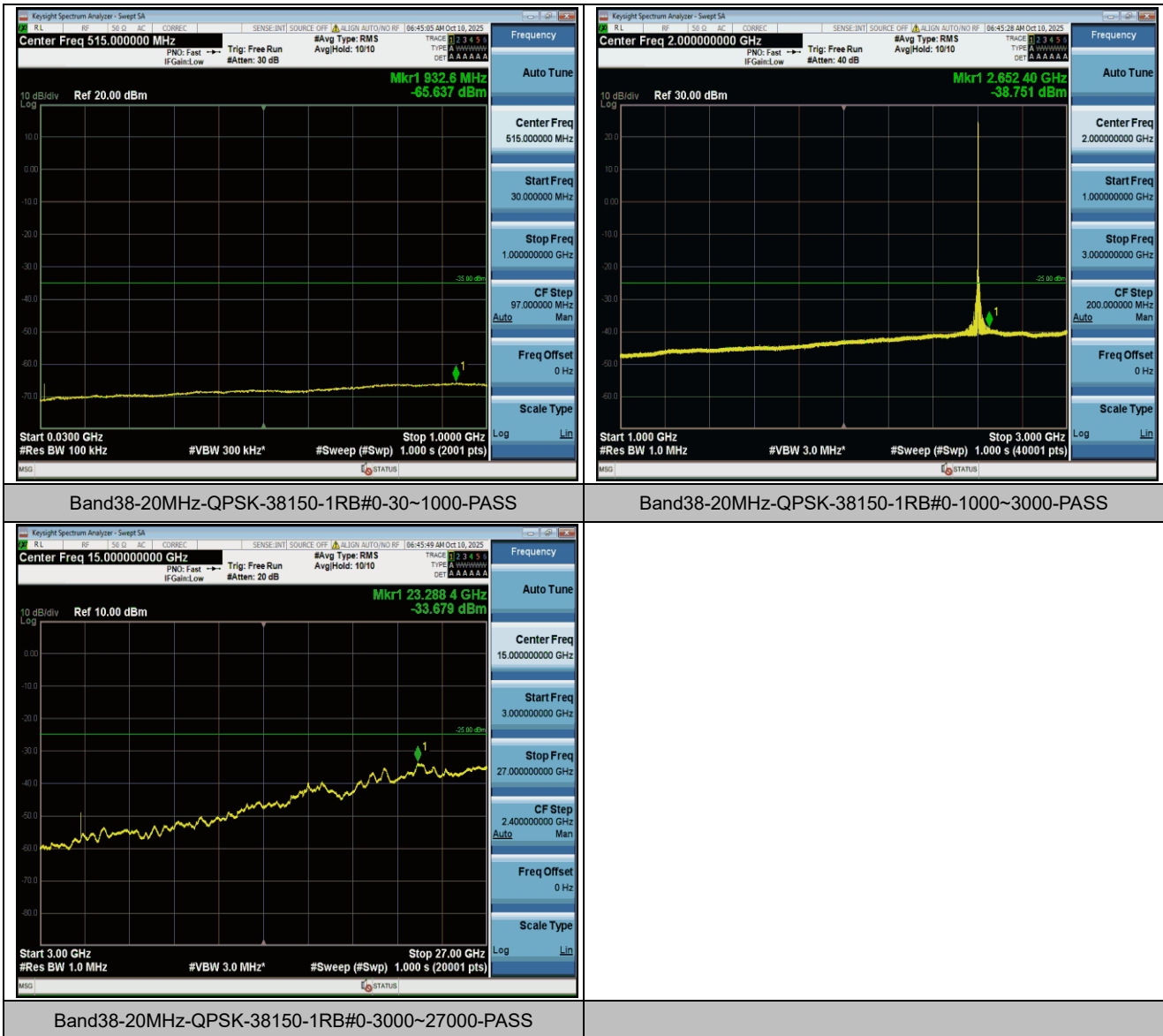


Conducted Spurious Emission

Test Graphs







Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-2.70	-0.001040	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-1.90	-0.000732	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-1.70	-0.000655	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-1.40	-0.000539	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-1.70	-0.000655	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-1.30	-0.000501	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-1.80	-0.000694	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-1.60	-0.000617	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-1.40	-0.000539	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-2.30	-0.000886	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-1.80	-0.000694	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-2.00	-0.000771	PASS

~The End~