

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	26.39	27.79	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	26.45	27.85	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	26.12	27.52	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	26.03	27.43	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	26.01	27.41	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	26.25	27.65	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	26.33	27.73	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	26.26	27.66	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	26.25	27.65	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	26.34	27.74	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	25.49	26.89	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	23.18	24.58	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	23.17	24.57	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	23.29	24.69	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	23.15	24.55	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	26.65	28.05	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	26.58	27.98	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	26.53	27.93	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	26.51	27.91	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	26.24	27.64	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	26.23	27.63	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	26.23	27.63	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	26.09	27.49	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	26.12	27.52	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	26.11	27.51	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	26.35	27.75	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	25.29	26.69	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	23.21	24.61	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	23.19	24.59	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	23.18	24.58	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	23.33	24.73	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	26.58	27.98	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	26.51	27.91	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	26.53	27.93	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	26.68	28.08	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	26.34	27.74	33.00	PASS

Band38	5MHz	16QAM	38225	1RB#12	26.31	27.71	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	26.35	27.75	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	26.27	27.67	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	26.18	27.58	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	26.13	27.53	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	26.21	27.61	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	25.29	26.69	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	23.11	24.51	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	23.09	24.49	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	23.04	24.44	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	23.12	24.52	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	26.66	28.06	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	26.63	28.03	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	26.65	28.05	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	26.74	28.14	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	26.38	27.78	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	26.45	27.85	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	26.43	27.83	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	26.39	27.79	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	26.24	27.64	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	26.28	27.68	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	26.26	27.66	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	25.54	26.94	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	23.18	24.58	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	23.19	24.59	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	23.26	24.66	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	23.42	24.82	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	26.61	28.01	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	26.45	27.85	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	26.63	28.03	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	26.58	27.98	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	26.33	27.73	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	26.31	27.71	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	26.25	27.65	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	26.34	27.74	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	26.19	27.59	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	26.18	27.58	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	26.14	27.54	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	25.52	26.92	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	23.33	24.73	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	23.15	24.55	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	23.34	24.74	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	23.25	24.65	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	26.64	28.04	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	26.63	28.03	33.00	PASS

Band38	10MHz	QPSK	38200	1RB#49	26.41	27.81	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	26.37	27.77	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	26.21	27.61	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	26.22	27.62	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	26.23	27.63	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	26.34	27.74	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	26.17	27.57	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	26.15	27.55	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	26.26	27.66	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	25.87	27.27	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	23.19	24.59	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	23.06	24.46	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#49	23.15	24.55	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	23.18	24.58	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	26.44	27.84	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	26.62	28.02	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	26.54	27.94	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	26.33	27.73	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	26.51	27.91	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	26.35	27.75	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	26.47	27.87	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	26.59	27.99	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	26.33	27.73	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	26.26	27.66	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	26.21	27.61	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	25.45	26.85	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	23.15	24.55	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	23.22	24.62	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	23.19	24.59	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	23.14	24.54	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	26.49	27.89	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	26.52	27.92	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	26.48	27.88	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	26.11	27.51	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	26.24	27.64	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	26.23	27.63	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	26.18	27.58	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	26.13	27.53	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	26.23	27.63	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	26.25	27.65	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	26.21	27.61	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	26.18	27.58	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	23.26	24.66	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	23.31	24.71	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	23.17	24.57	33.00	PASS

Band38	15MHz	256QAM	38000	75RB#0	23.19	24.59	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	26.39	27.79	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	26.17	27.57	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	26.29	27.69	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	26.54	27.94	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	26.33	27.73	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	26.19	27.59	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	26.25	27.65	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	26.24	27.64	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	26.19	27.59	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	26.11	27.51	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	26.34	27.74	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	25.24	26.64	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	23.19	24.59	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	23.22	24.62	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	23.26	24.66	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	23.1	24.5	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	26.41	27.81	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	26.36	27.76	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	26.33	27.73	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	26.25	27.65	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	26.18	27.58	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	26.22	27.62	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	26.34	27.74	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	26.25	27.65	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	26.19	27.59	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	26.14	27.54	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	26.43	27.83	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	25.39	26.79	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	23.25	24.65	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	23.19	24.59	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	23.24	24.64	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	23.33	24.73	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	26.58	27.98	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	26.55	27.95	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	26.34	27.74	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	26.39	27.79	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	26.33	27.73	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	26.31	27.71	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	26.24	27.64	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	26.33	27.73	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	26.18	27.58	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	26.11	27.51	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	26.3	27.7	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	25.24	26.64	33.00	PASS

Band38	20MHz	256QAM	38000	1RB#0	23.13	24.53	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	23.15	24.55	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	23.35	24.75	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	23.39	24.79	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	26.58	27.98	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	26.47	27.87	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	26.66	28.06	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	26.35	27.75	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	26.14	27.54	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	26.35	27.75	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	26.51	27.91	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	26.34	27.74	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	26.22	27.62	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	26.21	27.61	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	26.03	27.43	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	25.21	26.61	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	23.36	24.76	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	23.27	24.67	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	23.26	24.66	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	23.17	24.57	33.00	PASS

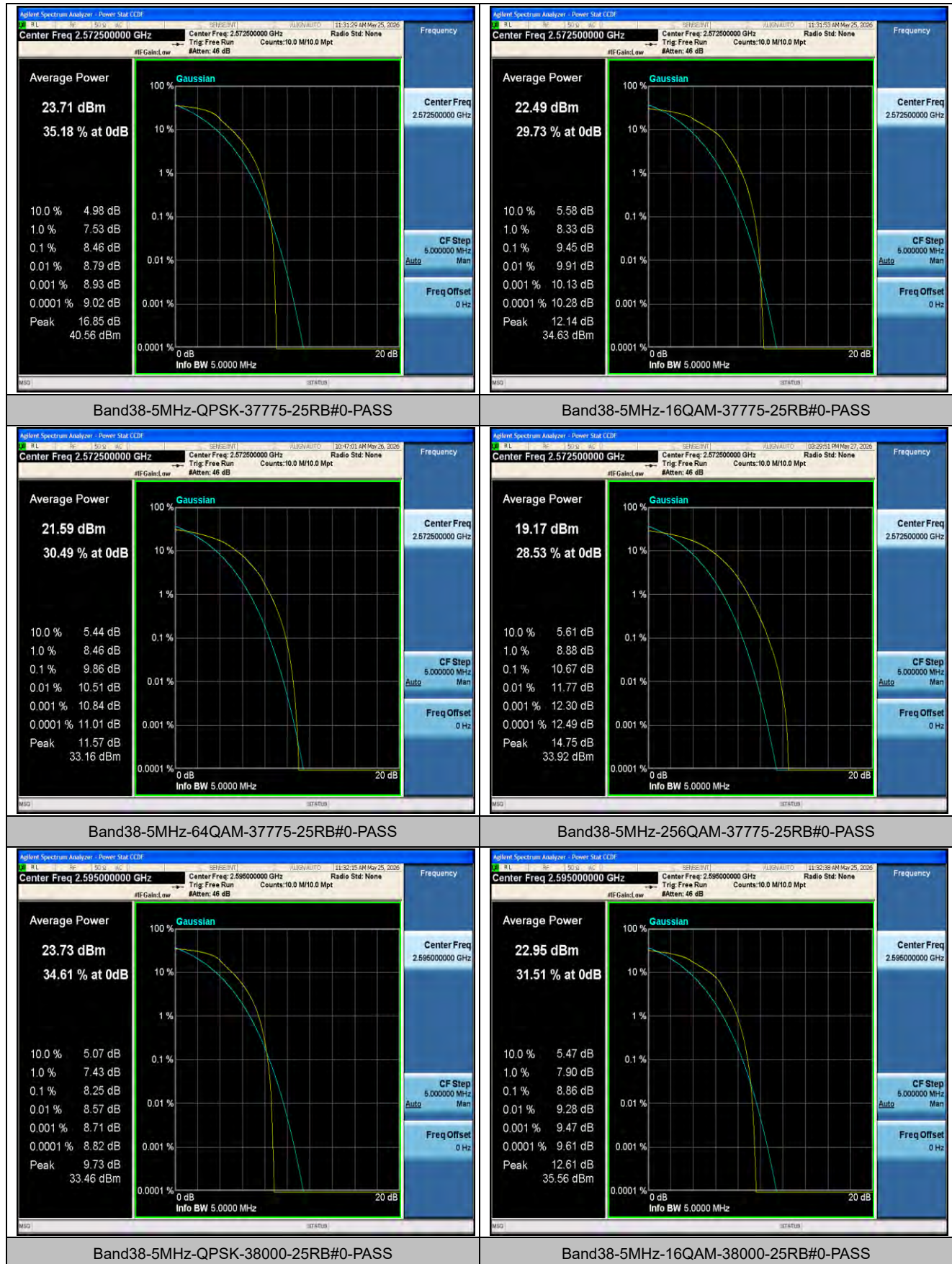
Peak-to-Average Ratio(CCDF)

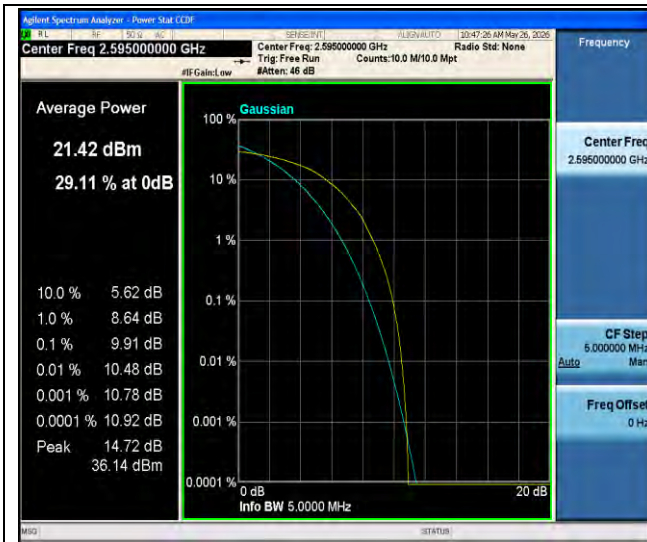
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	8.46	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.45	13	PASS
Band38	5MHz	64QAM	37775	25RB#0	9.86	13	PASS
Band38	5MHz	256QAM	37775	25RB#0	10.67	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	8.25	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	8.86	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	9.91	13	PASS
Band38	5MHz	256QAM	38000	25RB#0	8.48	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.72	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.31	13	PASS
Band38	5MHz	64QAM	38225	25RB#0	9.94	13	PASS
Band38	5MHz	256QAM	38225	25RB#0	10.25	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.85	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.33	13	PASS
Band38	10MHz	64QAM	37800	50RB#0	10.03	13	PASS
Band38	10MHz	256QAM	37800	50RB#0	10.41	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.73	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.86	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	9.61	13	PASS
Band38	10MHz	256QAM	38000	50RB#0	11.56	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.27	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.74	13	PASS
Band38	10MHz	64QAM	38200	50RB#0	9.61	13	PASS
Band38	10MHz	256QAM	38200	50RB#0	10.39	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.38	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.39	13	PASS
Band38	15MHz	64QAM	37825	75RB#0	9.90	13	PASS
Band38	15MHz	256QAM	37825	75RB#0	10.11	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.44	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.48	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	9.96	13	PASS
Band38	15MHz	256QAM	38000	75RB#0	10.44	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	8.96	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.24	13	PASS
Band38	15MHz	64QAM	38175	75RB#0	9.72	13	PASS
Band38	15MHz	256QAM	38175	75RB#0	10.26	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.49	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.38	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	11.02	13	PASS

Band38	20MHz	256QAM	37850	100RB#0	10.30	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.04	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	8.58	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.63	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	9.97	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.17	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.28	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.35	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	11.37	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



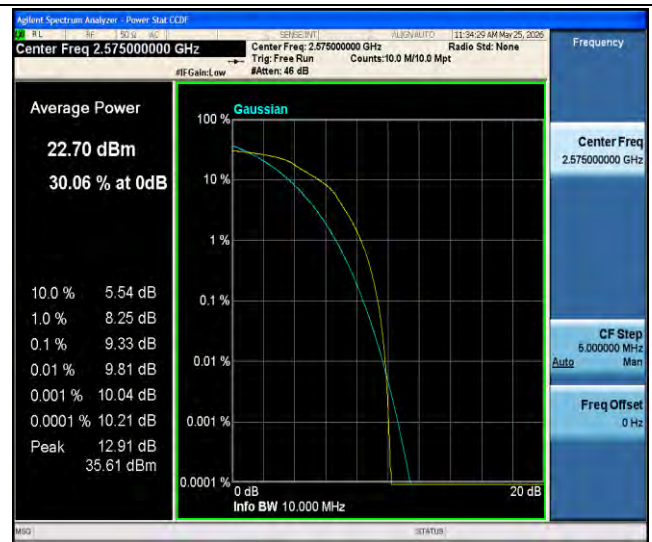
Band38-5MHz-64QAM-38225-25RB#0-PASS



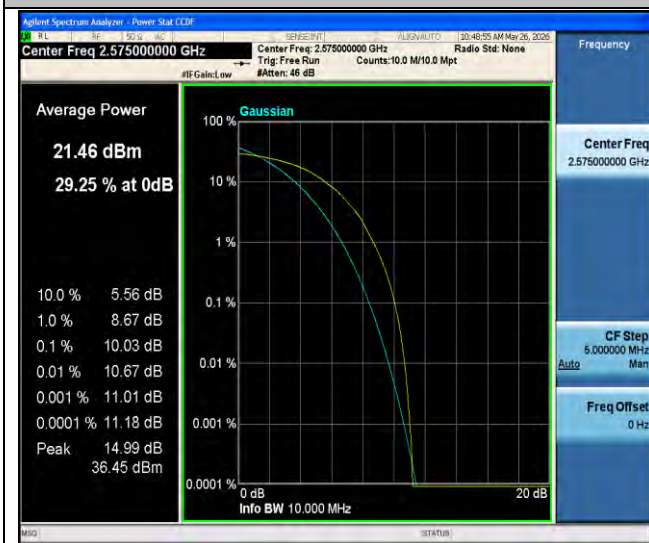
Band38-5MHz-256QAM-38225-25RB#0-PASS



Band38-10MHz-QPSK-37800-50RB#0-PASS



Band38-10MHz-16QAM-37800-50RB#0-PASS



Band38-10MHz-64QAM-37800-50RB#0-PASS



Band38-10MHz-256QAM-37800-50RB#0-PASS



Band38-10MHz-QPSK-38000-50RB#0-PASS



Band38-10MHz-16QAM-38000-50RB#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



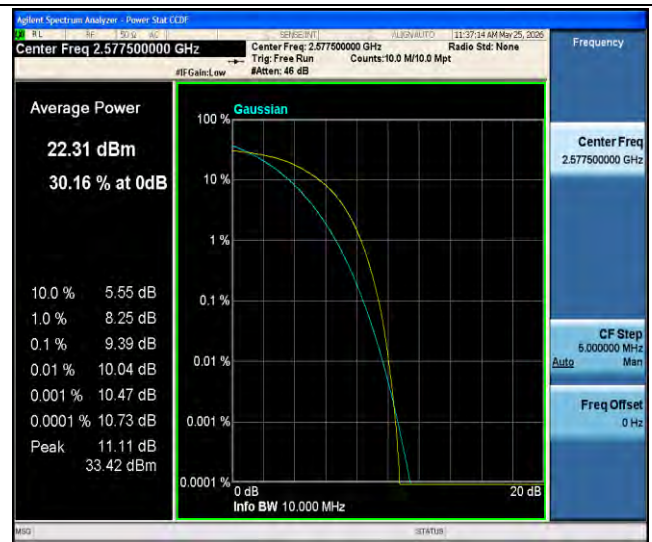
Band38-10MHz-64QAM-38200-50RB#0-PASS



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



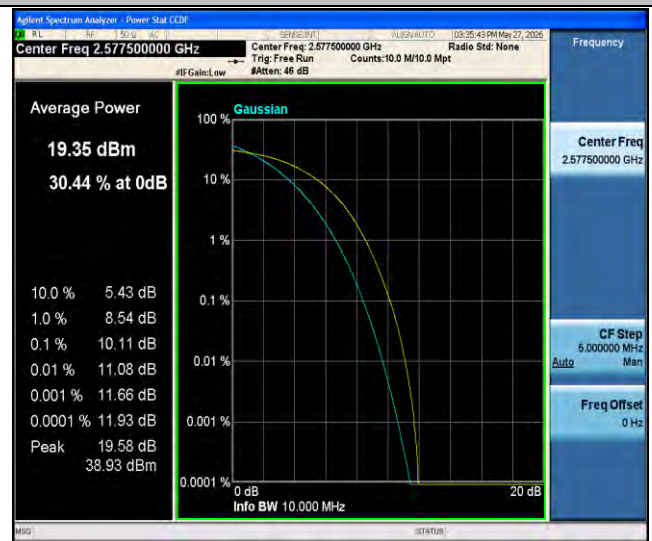
Band38-15MHz-QPSK-37825-75RB#0-PASS



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



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



Band38-15MHz-64QAM-38000-75RB#0-PASS



Band38-15MHz-256QAM-38000-75RB#0-PASS



Band38-15MHz-QPSK-38175-75RB#0-PASS



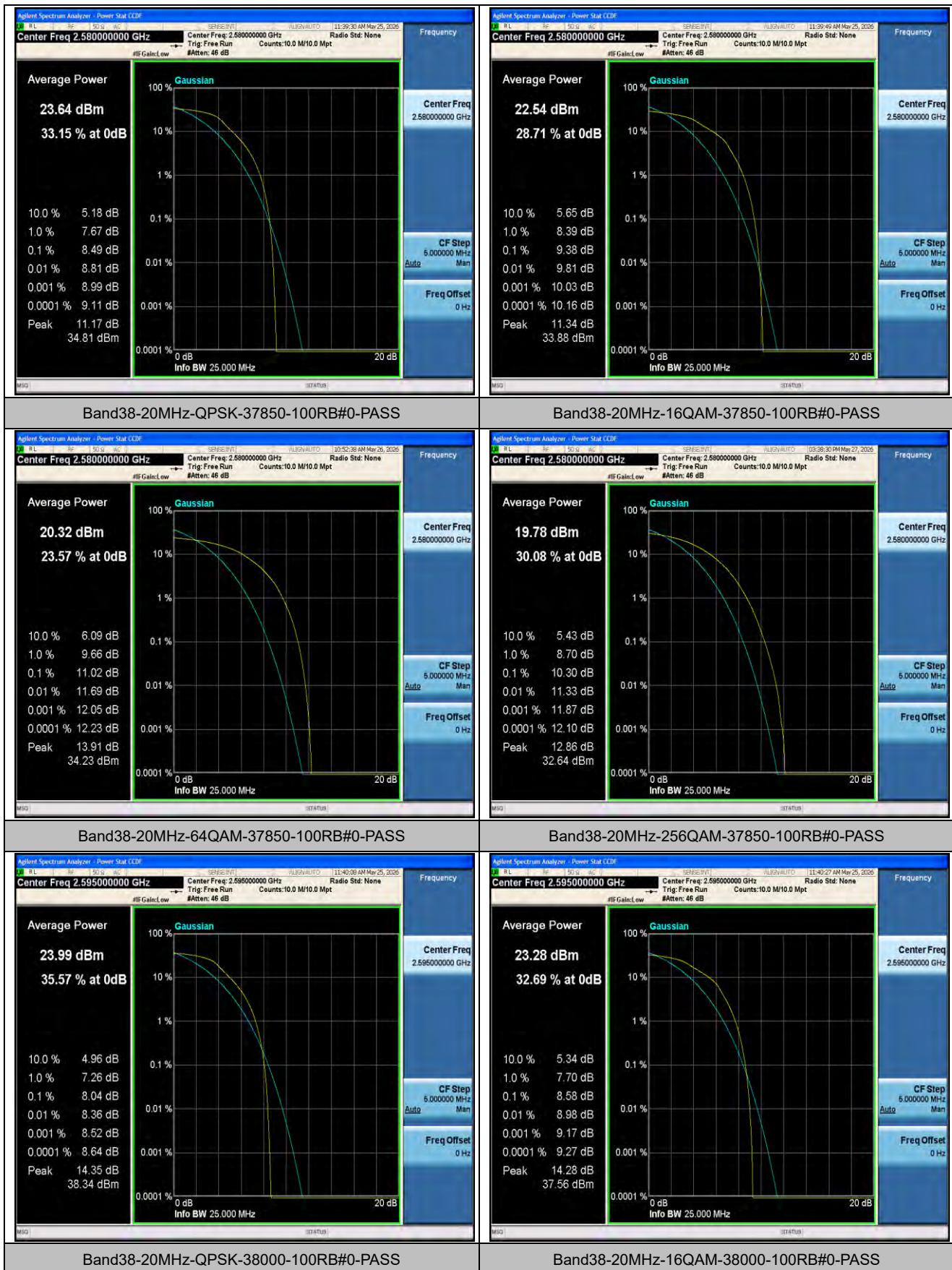
Band38-15MHz-16QAM-38175-75RB#0-PASS

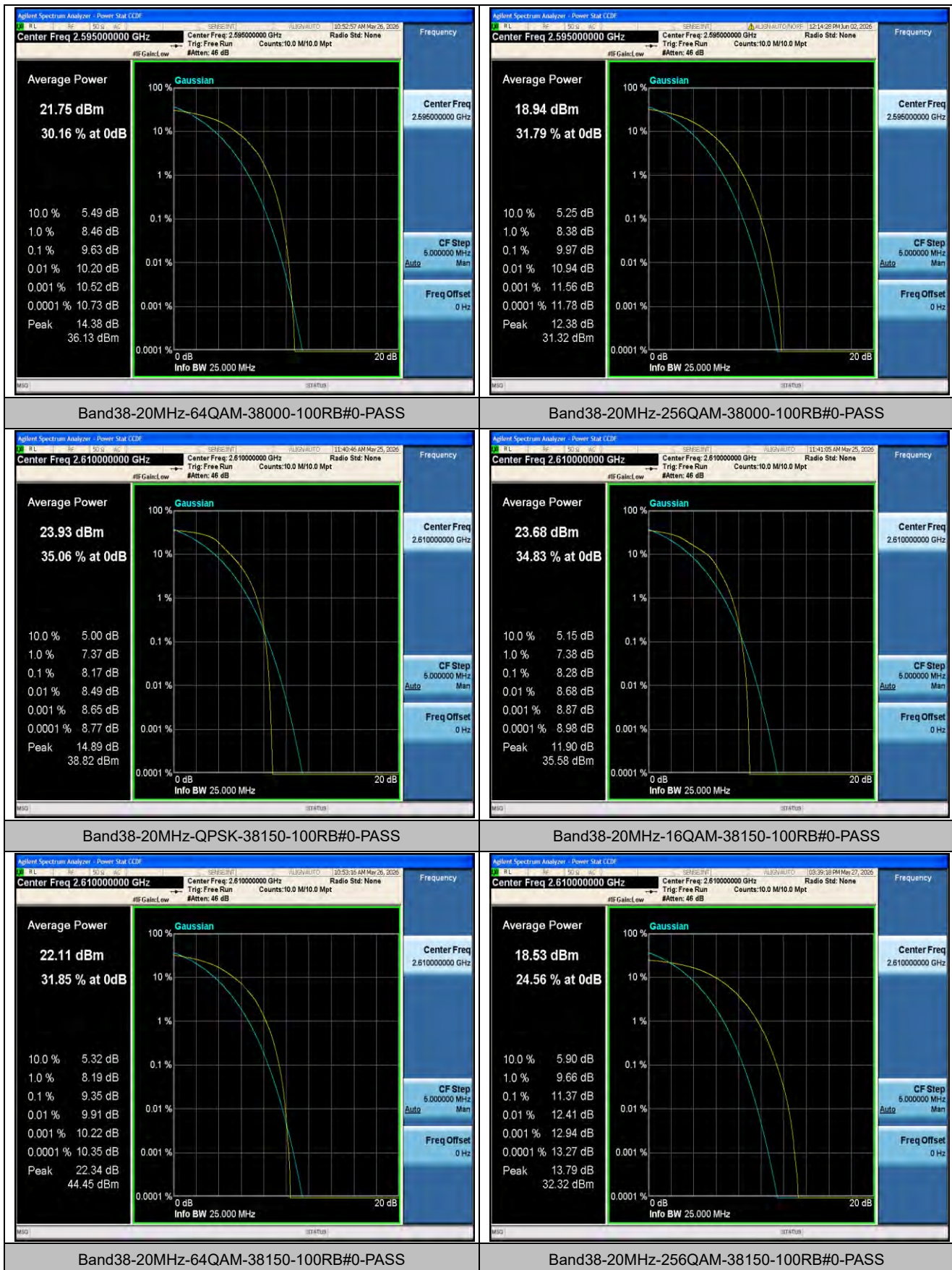


Band38-15MHz-64QAM-38175-75RB#0-PASS



Band38-15MHz-256QAM-38175-75RB#0-PASS





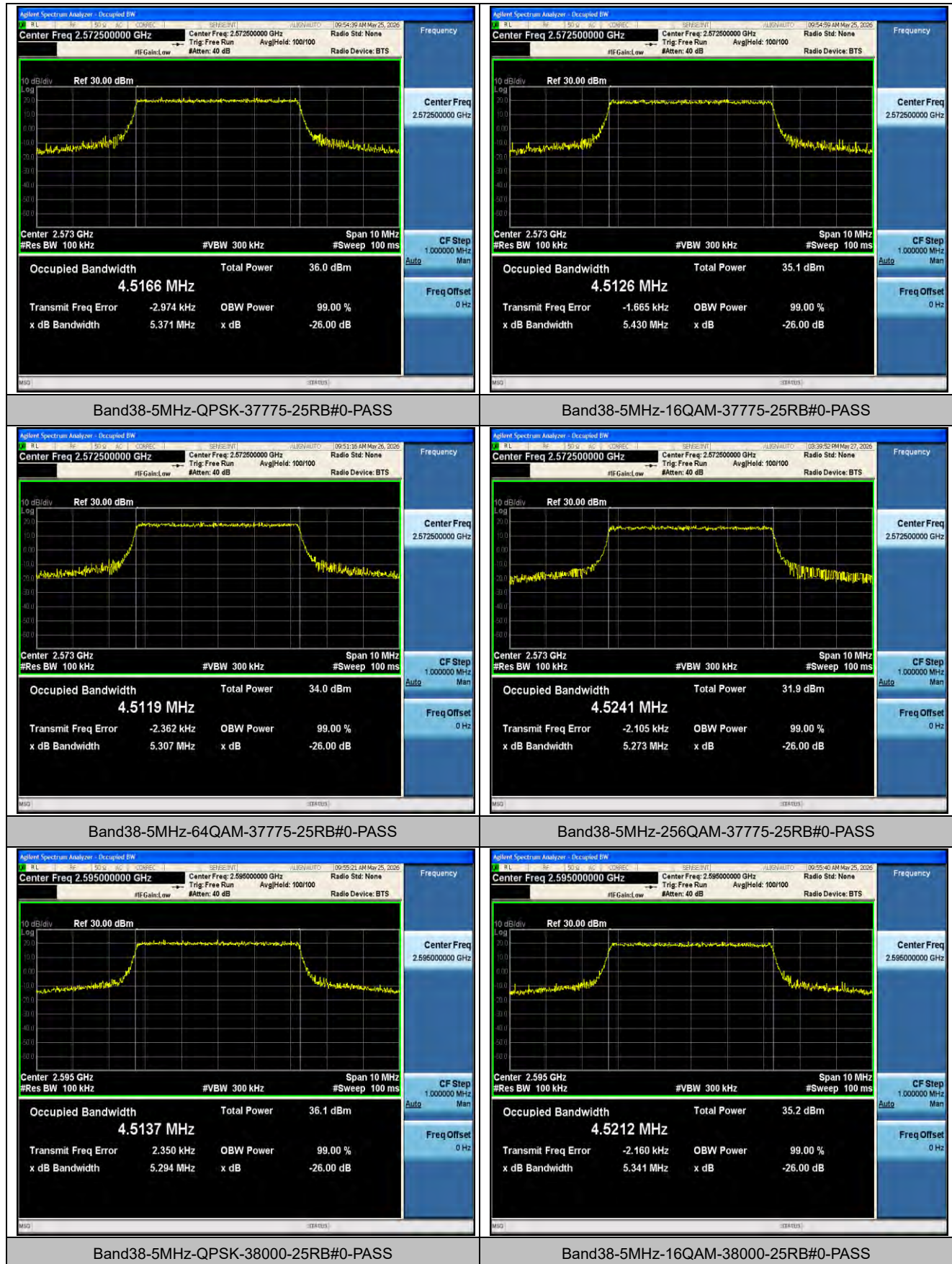
26dB Bandwidth and Occupied Bandwidth

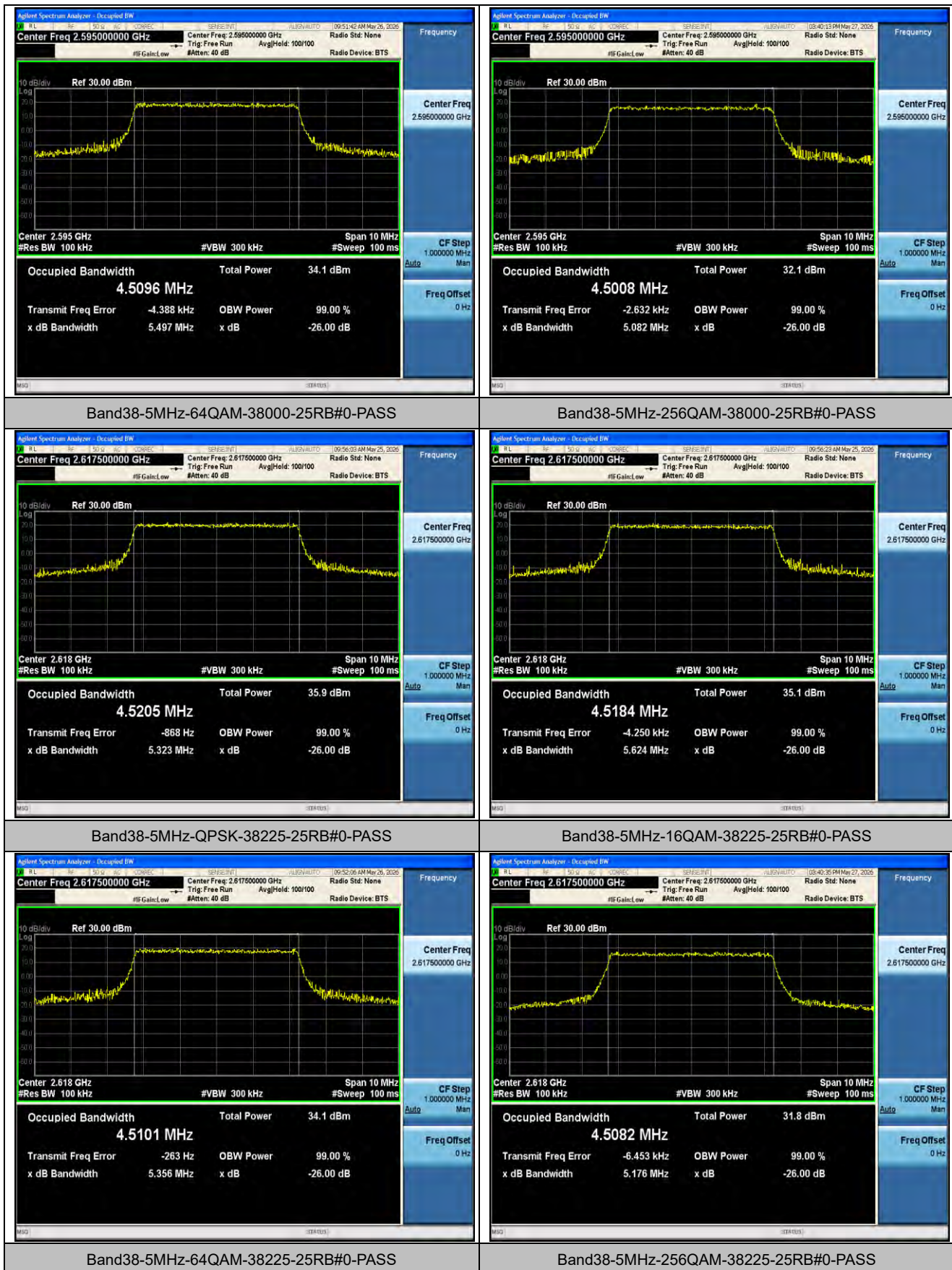
Test Result

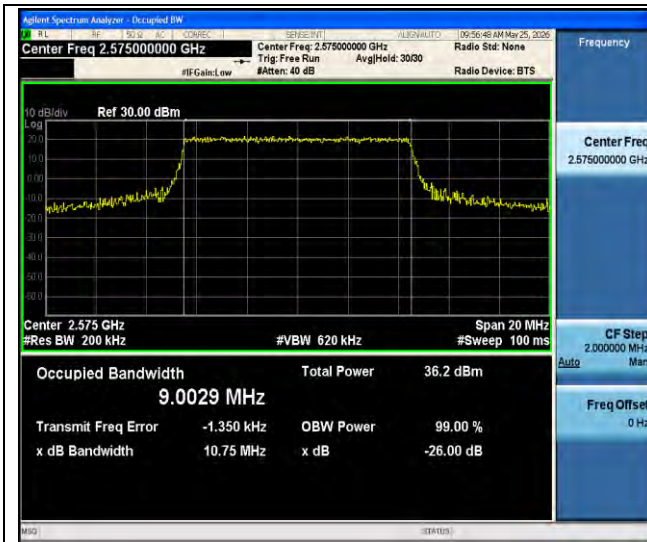
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5166	5.371	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5126	5.430	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.5119	5.307	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.5241	5.273	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5137	5.294	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5212	5.341	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.5096	5.497	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.5008	5.082	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5205	5.323	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5184	5.624	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.5101	5.356	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.5082	5.176	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0029	10.75	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0134	10.36	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.9981	10.14	PASS
Band38	10MHz	256QAM	37800	50RB#0	8.9977	10.44	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9979	10.49	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0114	11.11	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.9963	10.16	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.9909	10.87	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0169	10.25	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9909	10.76	PASS
Band38	10MHz	64QAM	38200	50RB#0	9.0367	10.99	PASS
Band38	10MHz	256QAM	38200	50RB#0	9.0007	10.41	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.491	15.31	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.525	16.63	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.496	15.47	PASS
Band38	15MHz	256QAM	37825	75RB#0	13.535	15.97	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.497	15.57	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.486	16.28	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.485	16.30	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.498	15.84	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.510	15.10	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.520	16.37	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.512	16.11	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.504	15.35	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.991	20.71	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.995	21.55	PASS

Band38	20MHz	64QAM	37850	100RB#0	17.932	19.92	PASS
Band38	20MHz	256QAM	37850	100RB#0	18.005	19.91	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.997	19.71	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.963	21.89	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.961	19.94	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.988	20.50	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.009	19.99	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.017	21.30	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.984	20.33	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.959	19.89	PASS

Test Graphs







Band38-10MHz-QPSK-37800-50RB#0-PASS



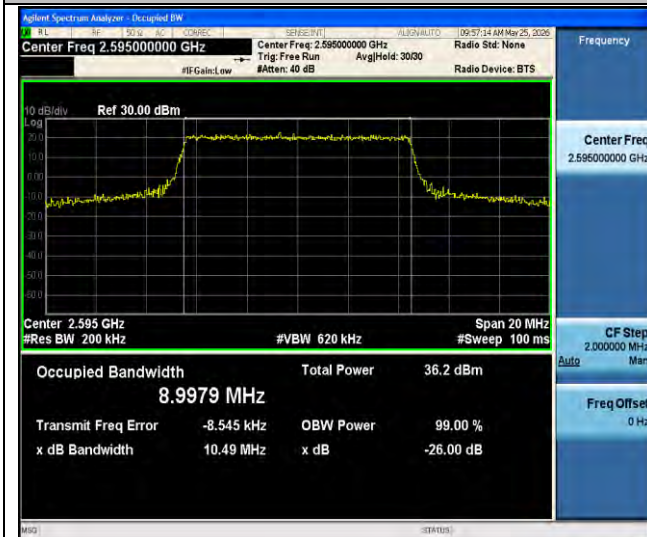
Band38-10MHz-16QAM-37800-50RB#0-PASS



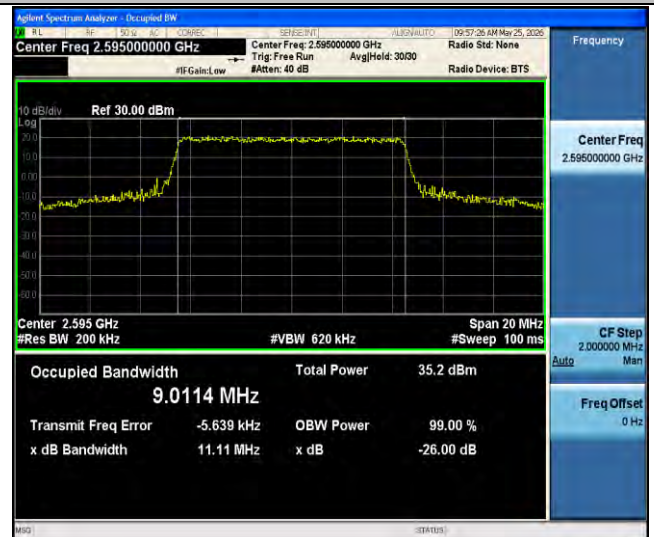
Band38-10MHz-64QAM-37800-50RB#0-PASS



Band38-10MHz-256QAM-37800-50RB#0-PASS



Band38-10MHz-QPSK-38000-50RB#0-PASS



Band38-10MHz-16QAM-38000-50RB#0-PASS



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



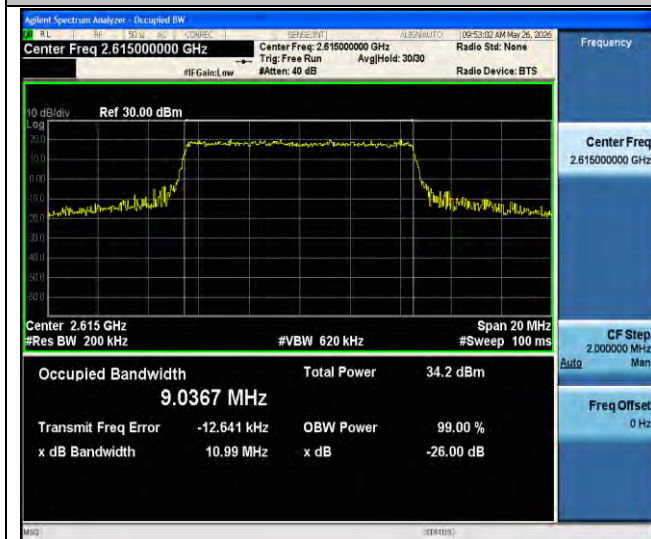
Band38-10MHz-256QAM-38000-50RB#0-PASS



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



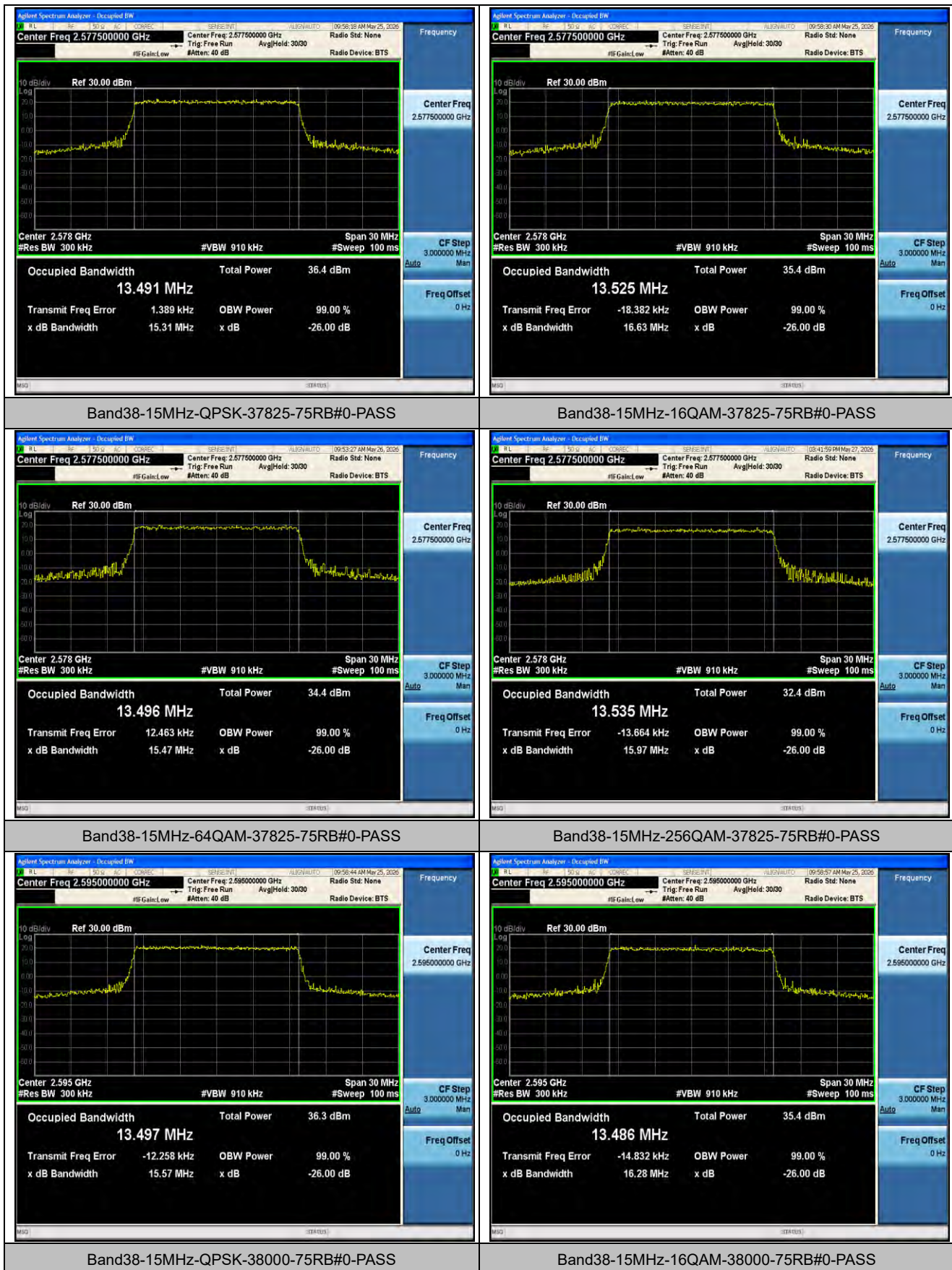
Band38-10MHz-16QAM-38200-50RB#0-PASS

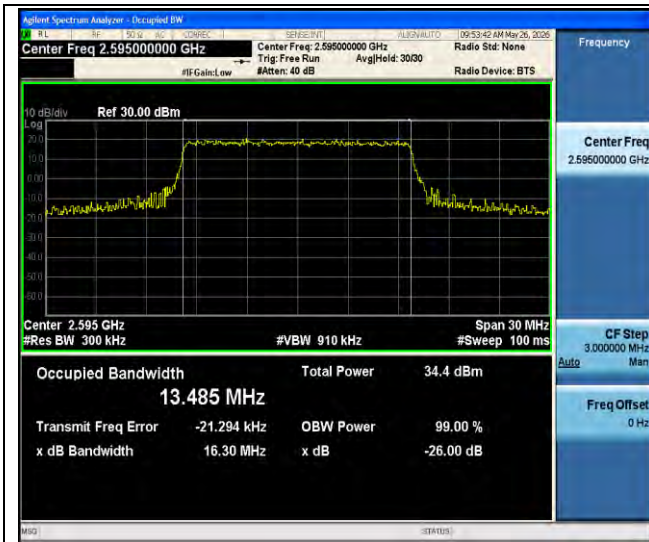


Band38-10MHz-64QAM-38200-50RB#0-PASS



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





Band38-15MHz-64QAM-38000-75RB#0-PASS



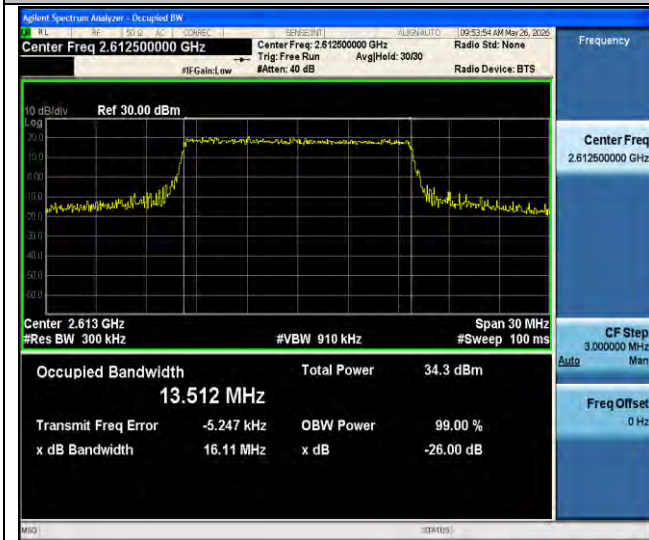
Band38-15MHz-256QAM-38000-75RB#0-PASS



Band38-15MHz-QPSK-38175-75RB#0-PASS



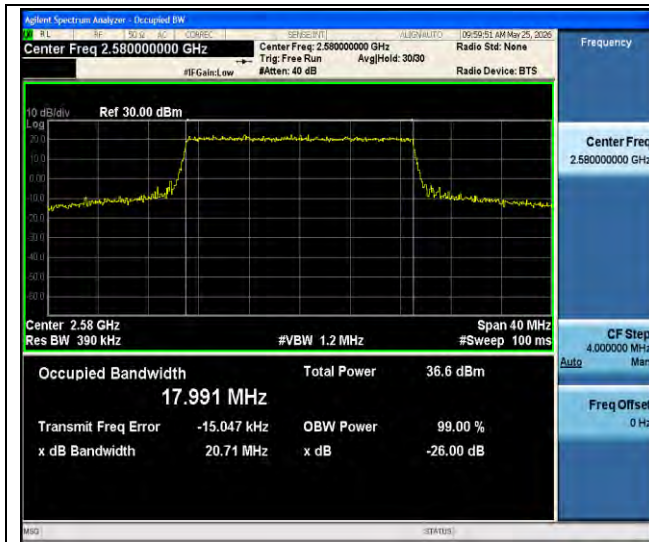
Band38-15MHz-16QAM-38175-75RB#0-PASS



Band38-15MHz-64QAM-38175-75RB#0-PASS



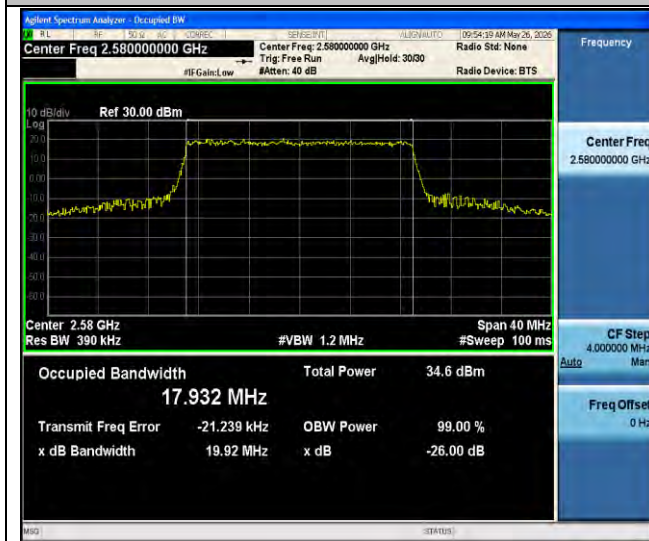
Band38-15MHz-256QAM-38175-75RB#0-PASS



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



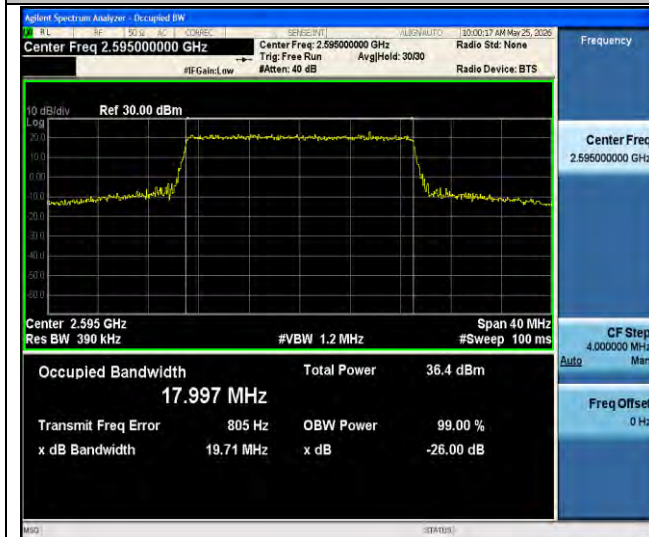
Band38-20MHz-16QAM-37850-100RB#0-PASS



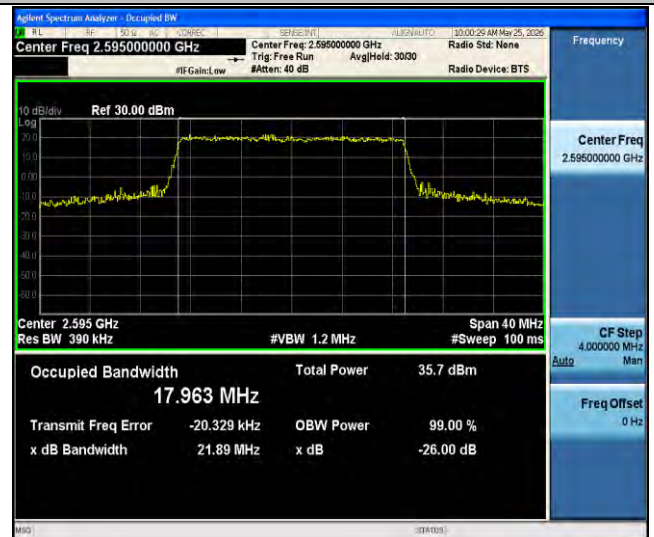
Band38-20MHz-64QAM-37850-100RB#0-PASS



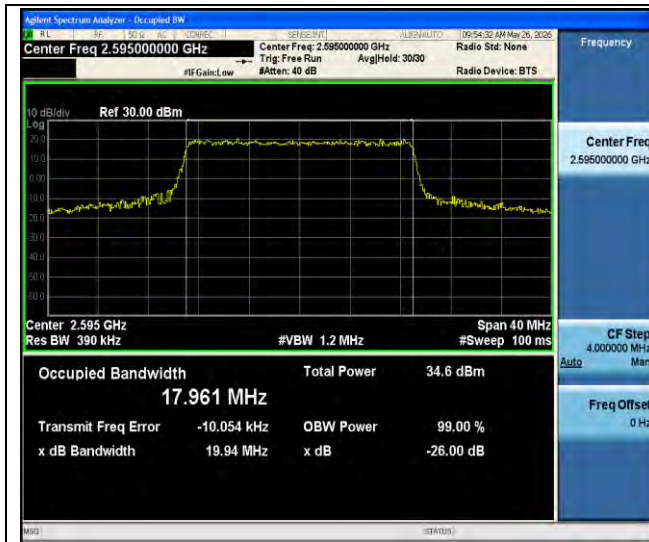
Band38-20MHz-256QAM-37850-100RB#0-PASS



Band38-20MHz-QPSK-38000-100RB#0-PASS



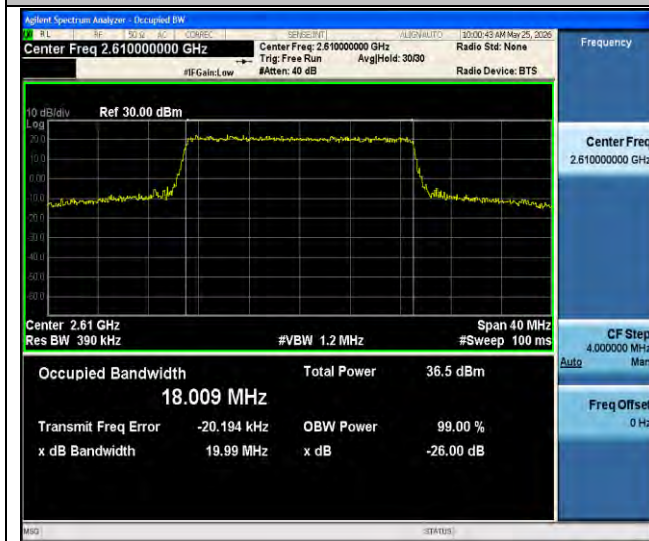
Band38-20MHz-16QAM-38000-100RB#0-PASS



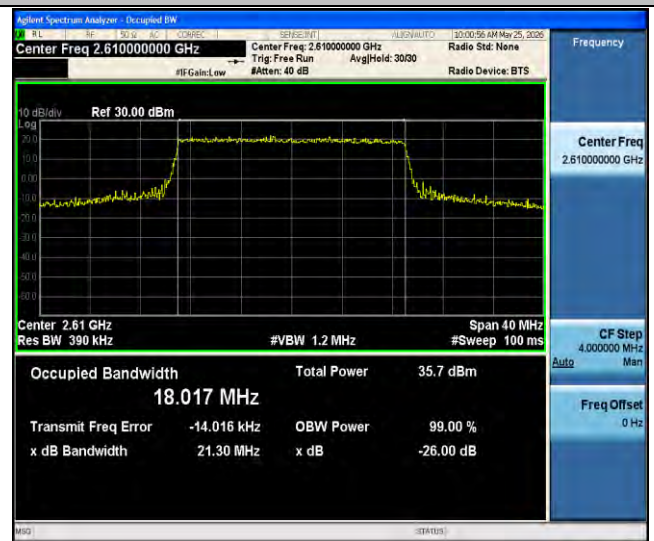
Band38-20MHz-64QAM-38000-100RB#0-PASS



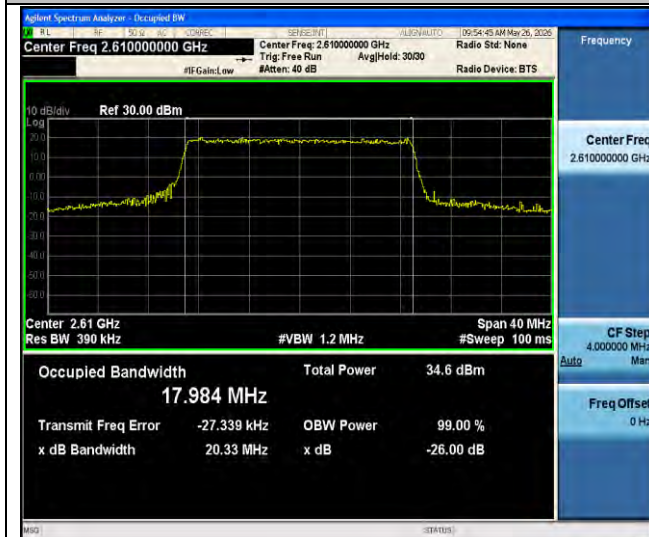
Band38-20MHz-256QAM-38000-100RB#0-PASS



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



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



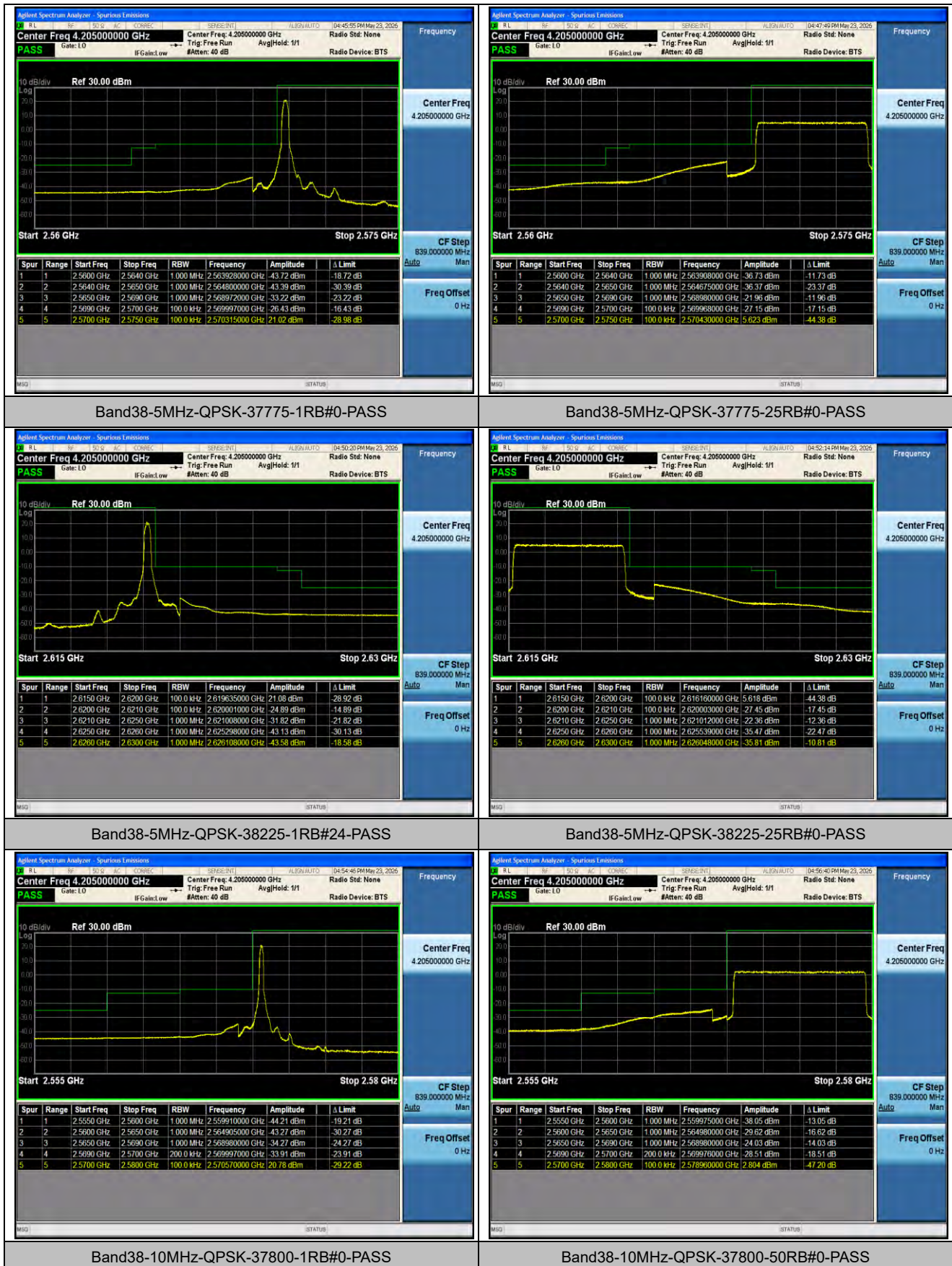
Band38-20MHz-64QAM-38150-100RB#0-PASS

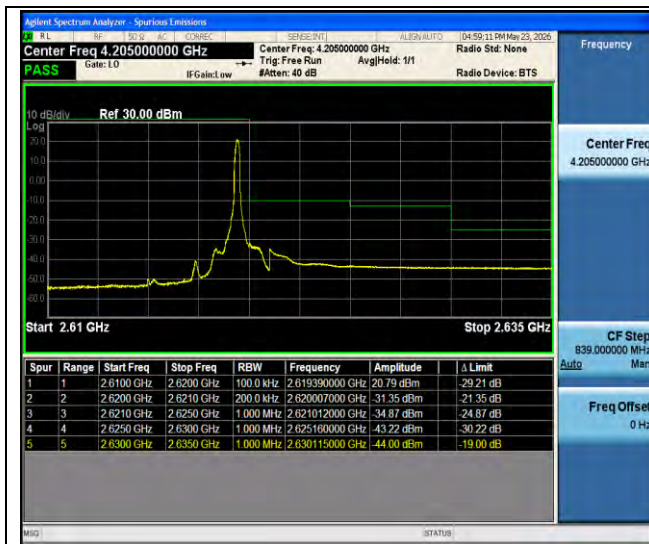


Band38-20MHz-256QAM-38150-100RB#0-PASS

Band Edge

Test Graphs

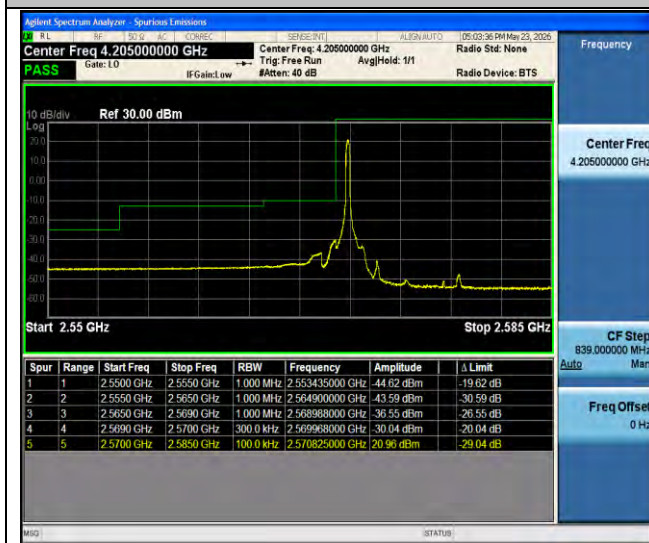




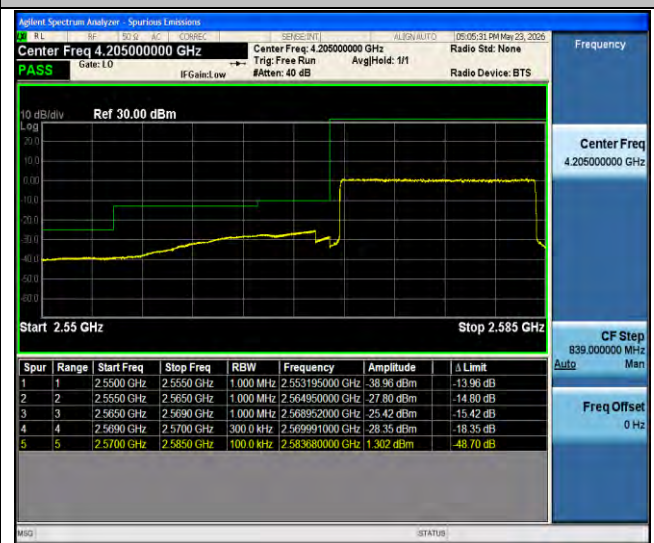
Band38-10MHz-QPSK-38200-1RB#49-PASS



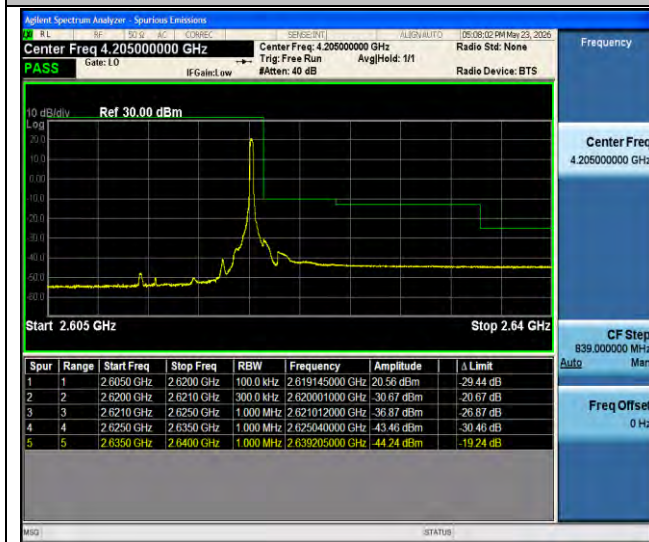
Band38-10MHz-QPSK-38200-50RB#0-PASS



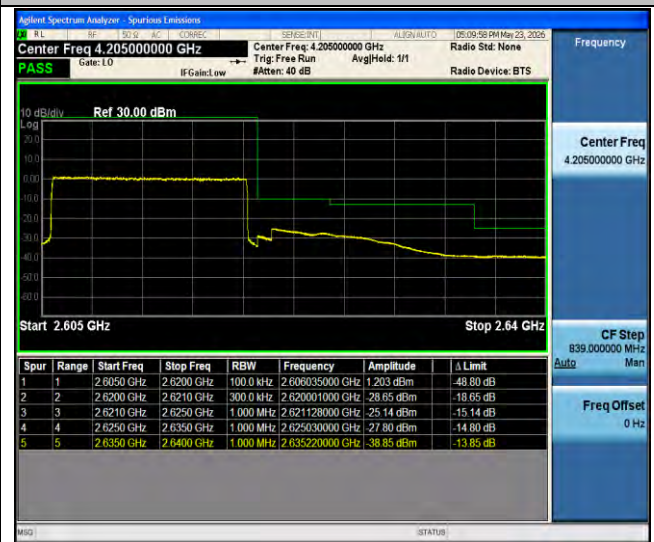
Band38-15MHz-QPSK-37825-1RB#0-PASS



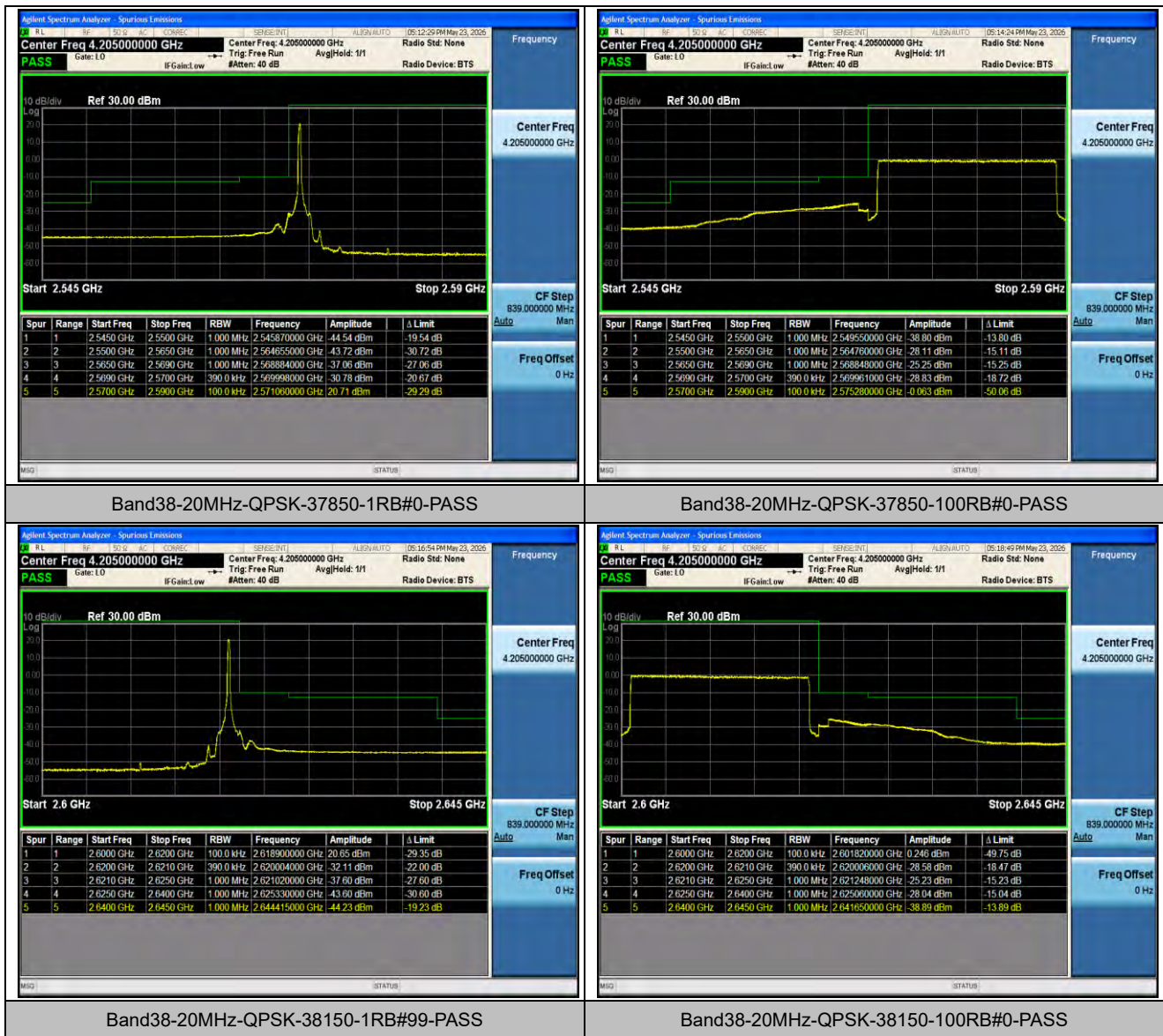
Band38-15MHz-QPSK-37825-75RB#0-PASS



Band38-15MHz-QPSK-38175-1RB#74-PASS

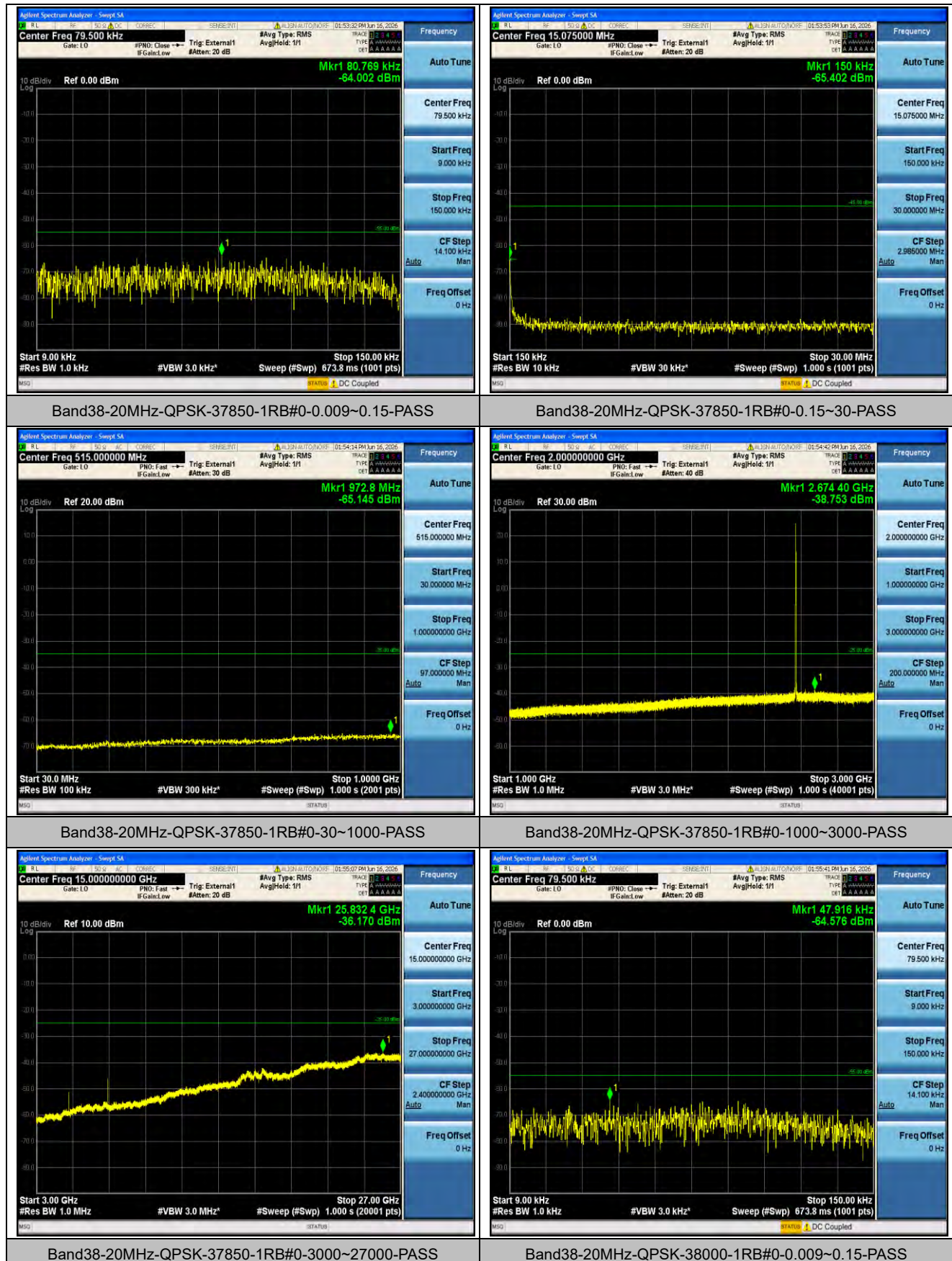


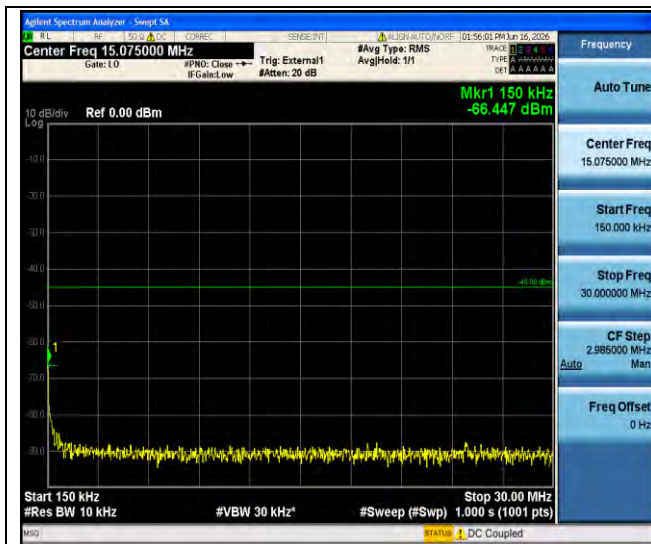
Band38-15MHz-QPSK-38175-75RB#0-PASS



Conducted Spurious Emission

Test Graphs





Band38-20MHz-QPSK-38000-1RB#0-0.15~30-PASS



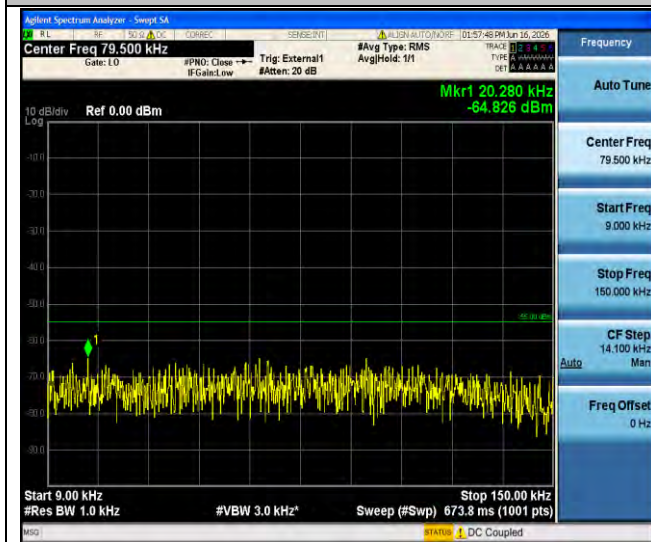
Band38-20MHz-QPSK-38000-1RB#0-30~1000-PASS



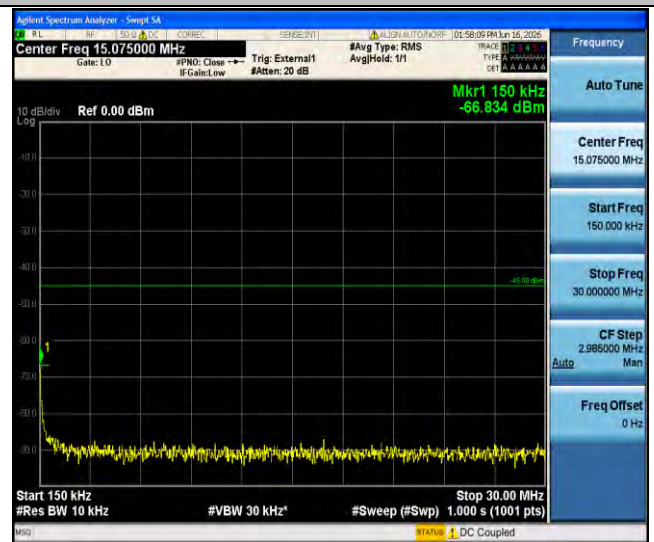
Band38-20MHz-QPSK-38000-1RB#0-1000~3000-PASS



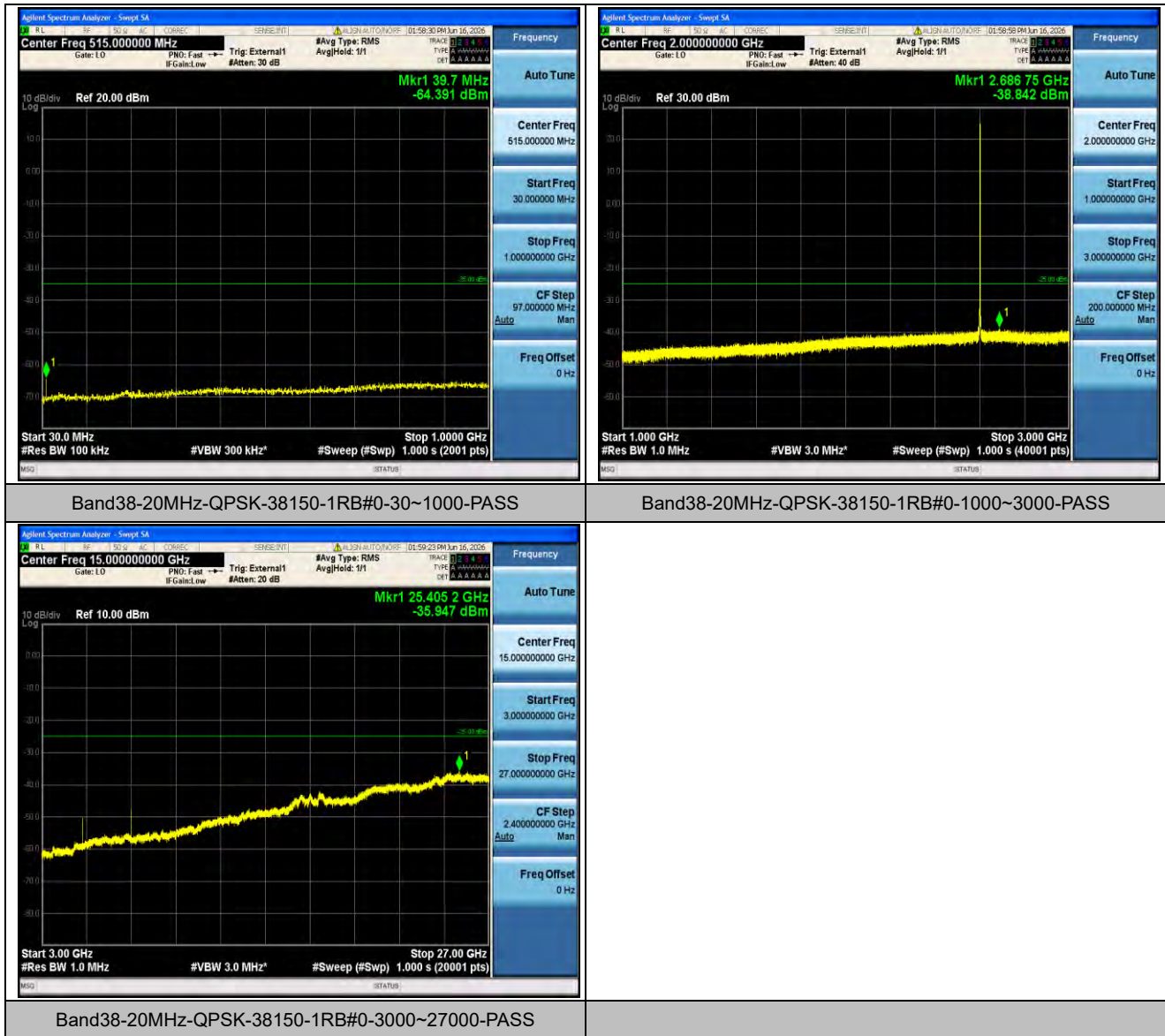
Band38-20MHz-QPSK-38000-1RB#0-3000~27000-PASS



Band38-20MHz-QPSK-38150-1RB#0-0.009~0.15-PASS



Band38-20MHz-QPSK-38150-1RB#0-0.15~30-PASS



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	-0.40	-0.000154	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-1.40	-0.000539	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-1.40	-0.000539	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	-1.50	-0.000578	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2.30	-0.000886	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-3.40	-0.001310	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-1.90	-0.000732	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-1.70	-0.000655	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-2.00	-0.000771	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-2.30	-0.000886	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-1.10	-0.000424	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-1.40	-0.000539	PASS

~The End~