

FCC LTE Band38 Test Data

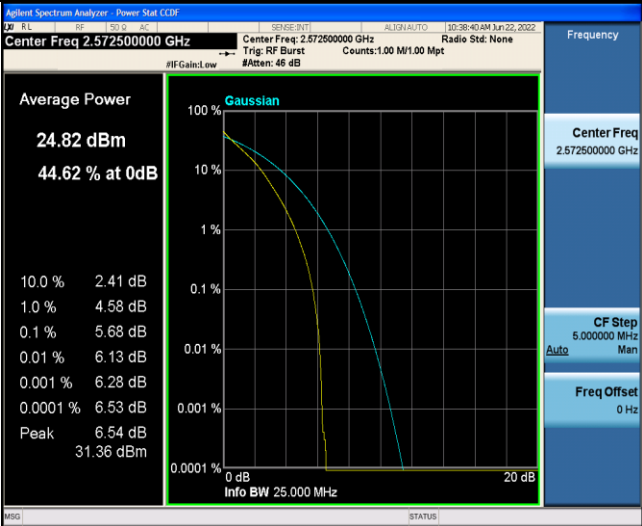
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

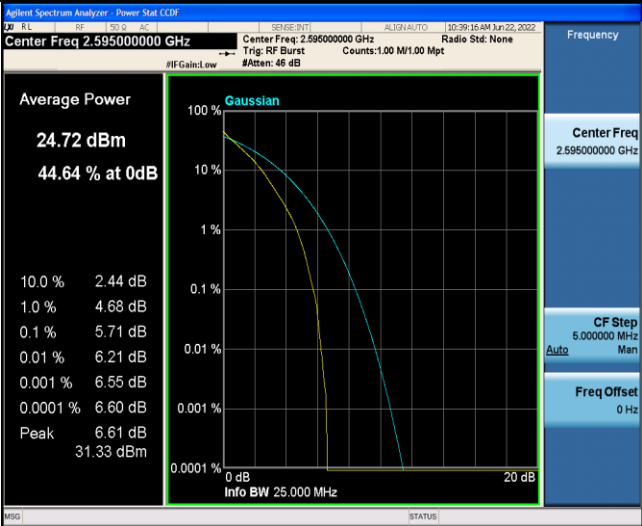
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.68	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.71	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.69	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.36	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.56	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.33	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.70	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.67	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.66	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.39	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.37	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.41	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	6.01	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	6.02	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.95	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.52	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.48	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.52	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.67	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.77	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.68	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.42	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.48	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.39	13	PASS

Test Graphs

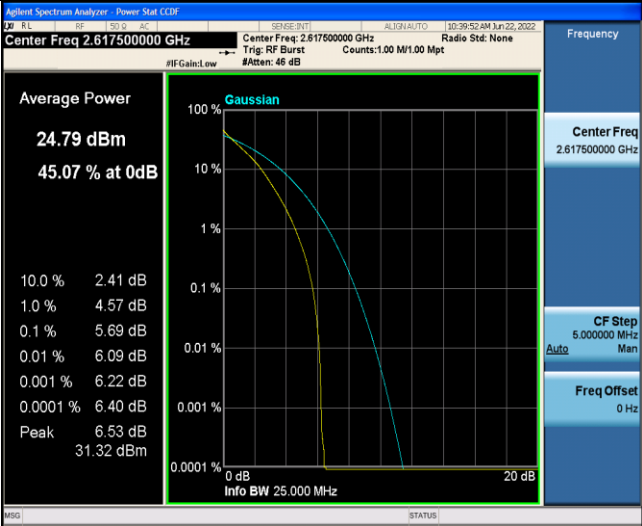
Band38-5MHz-QPSK-37775-25RB#0



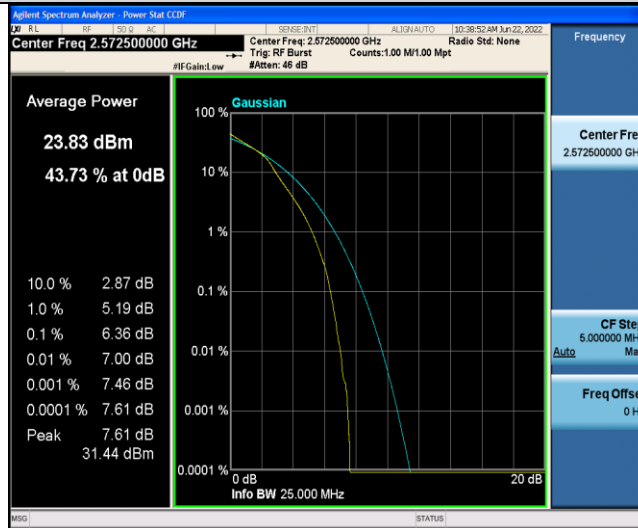
Band38-5MHz-QPSK-38000-25RB#0



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



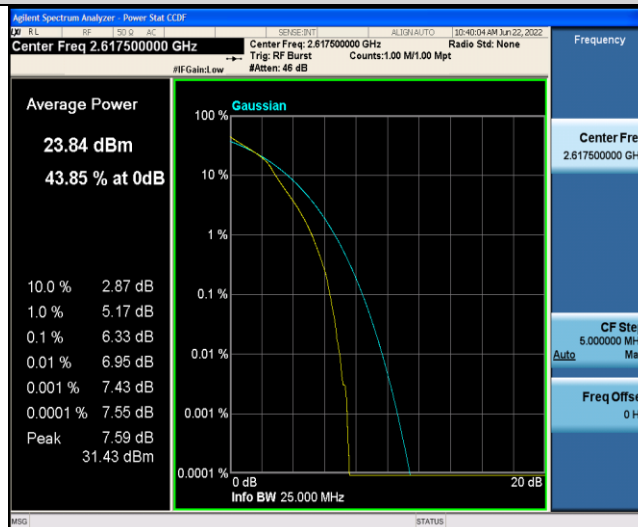
Band38-5MHz-16QAM-37775-25RB#0



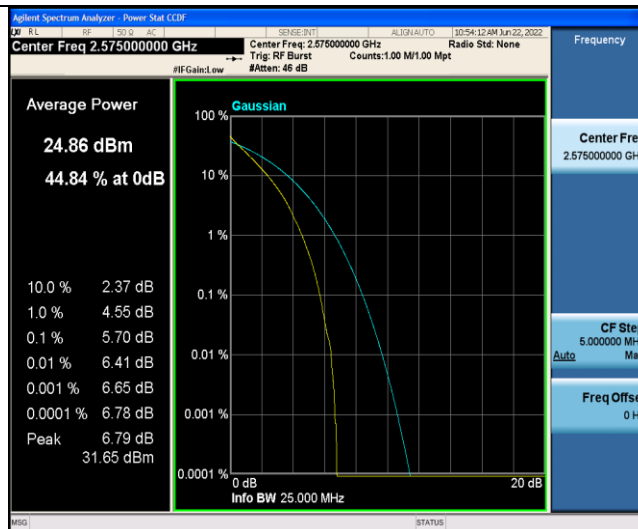
Band38-5MHz-16QAM-38000-25RB#0



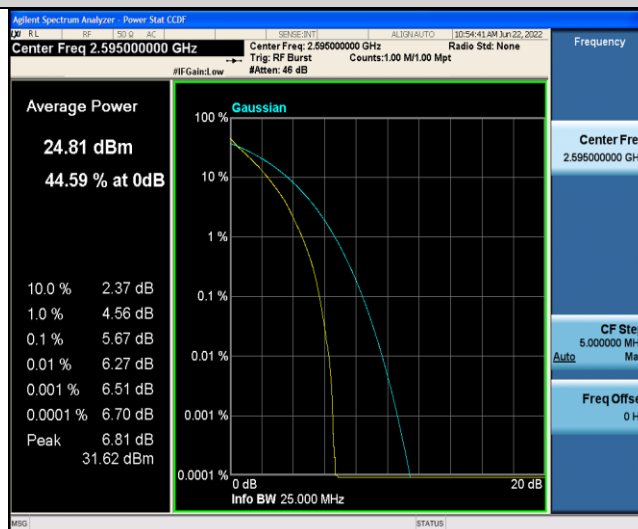
Band38-5MHz-16QAM-38225-25RB#0



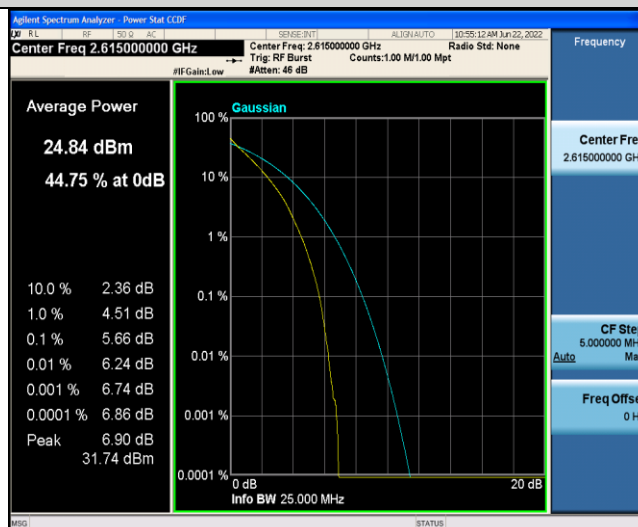
Band38-10MHz-QPSK-37800-50RB#0



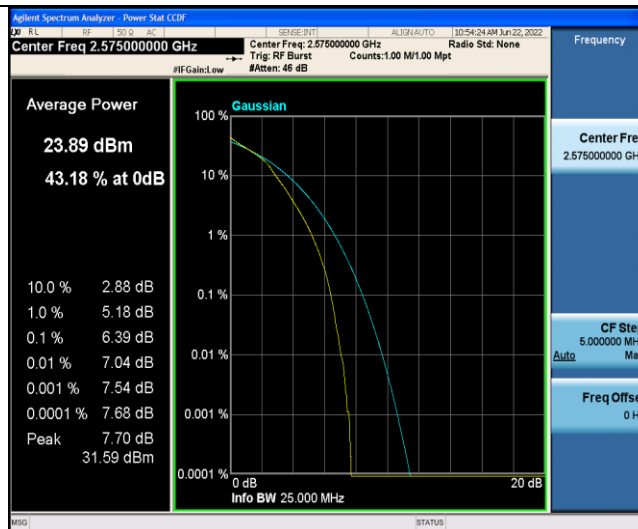
Band38-10MHz-QPSK-38000-50RB#0



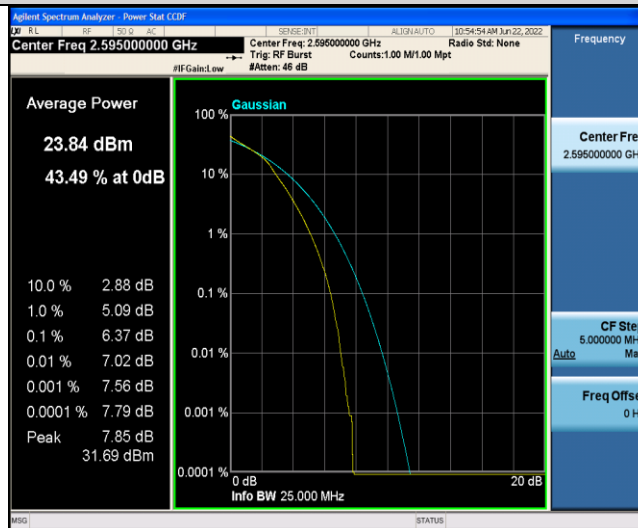
Band38-10MHz-QPSK-38200-50RB#0



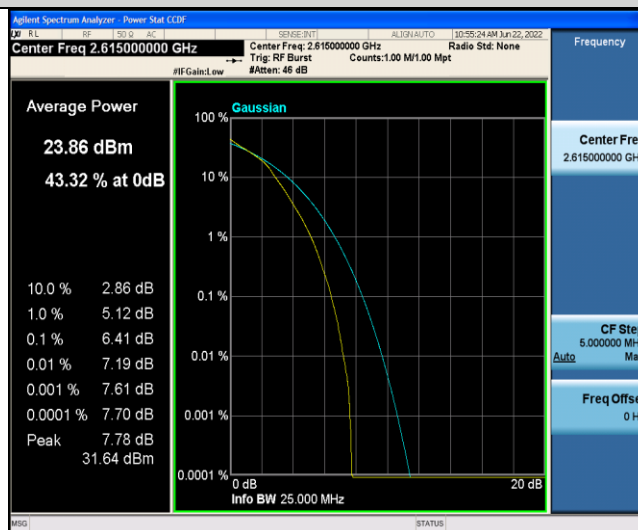
Band38-10MHz-16QAM-37800-50RB#0



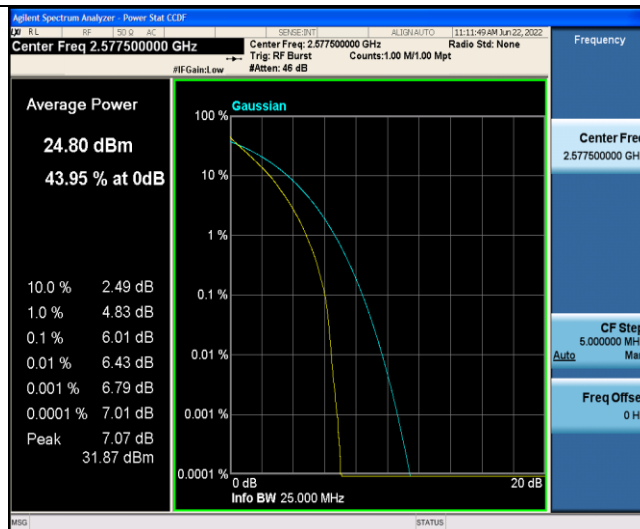
Band38-10MHz-16QAM-38000-50RB#0



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



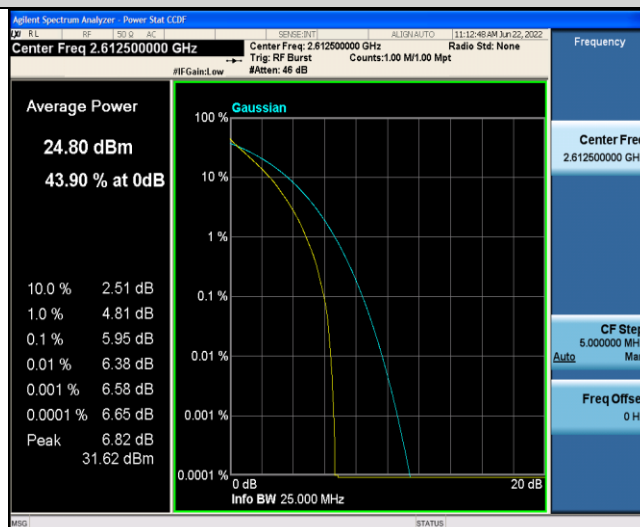
Band38-15MHz-QPSK-37825-75RB#0



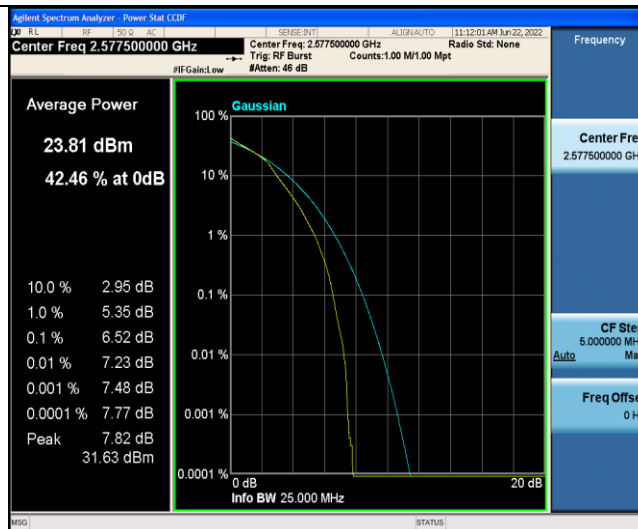
Band38-15MHz-QPSK-38000-75RB#0



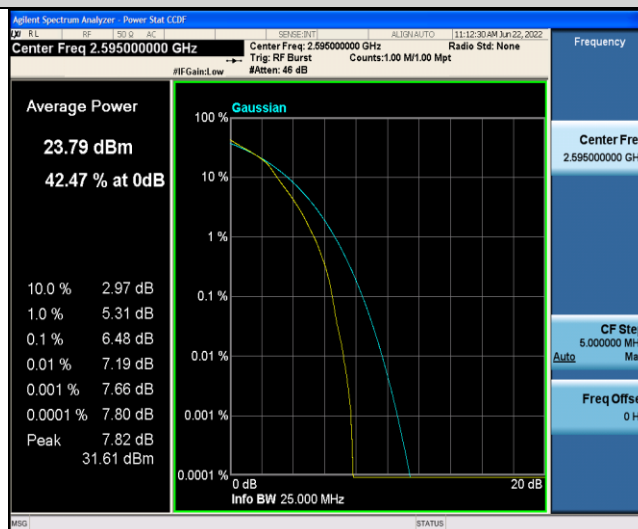
Band38-15MHz-QPSK-38175-75RB#0



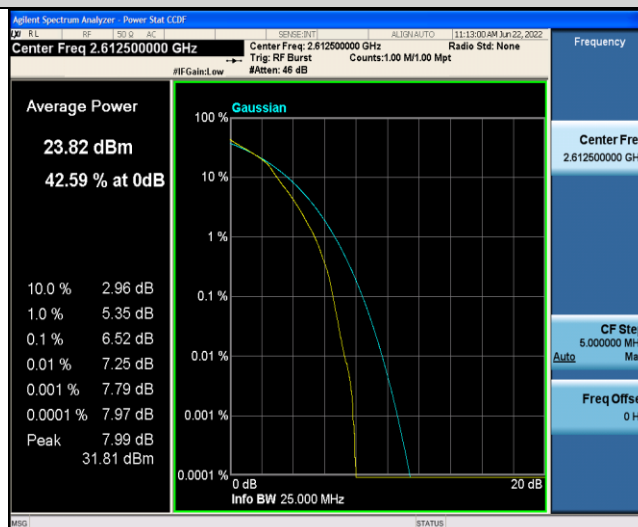
Band38-15MHz-16QAM-37825-75RB#0



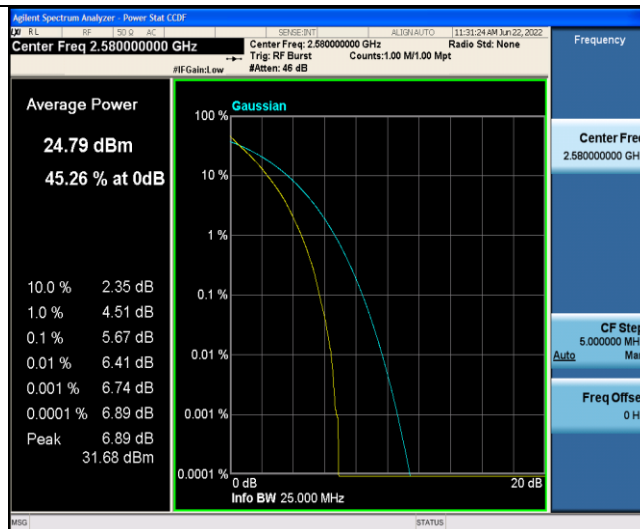
Band38-15MHz-16QAM-38000-75RB#0



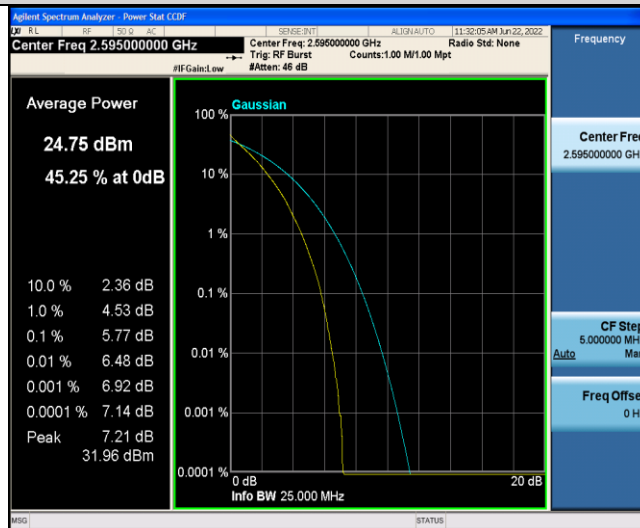
Band38-15MHz-16QAM-38175-75RB#0



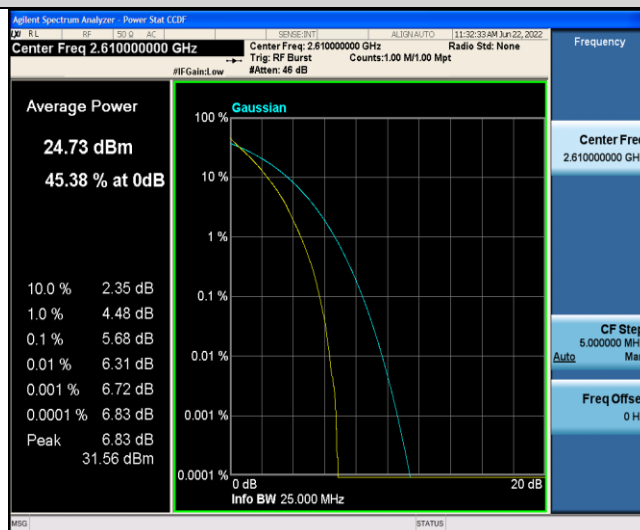
Band38-20MHz-QPSK-37850-100RB#0



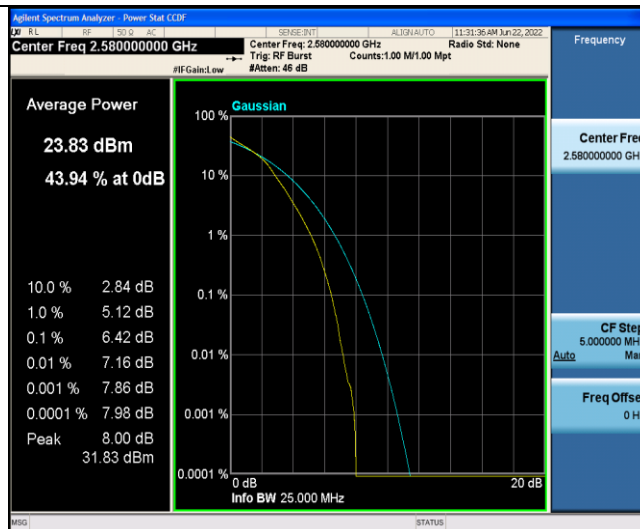
Band38-20MHz-QPSK-38000-100RB#0



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



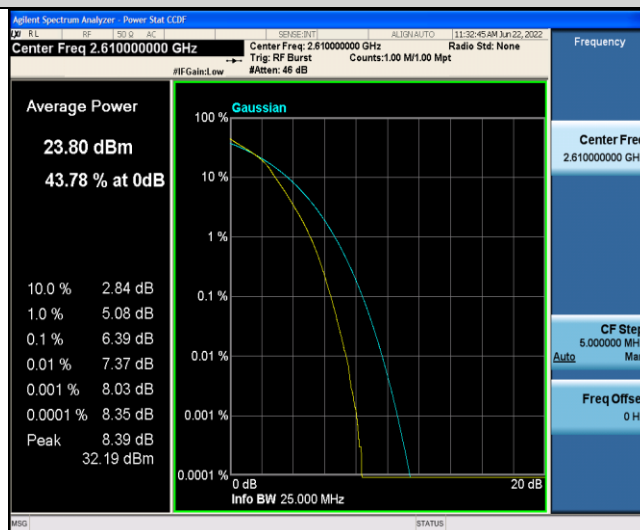
Band38-20MHz-16QAM-37850-100RB#0



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



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

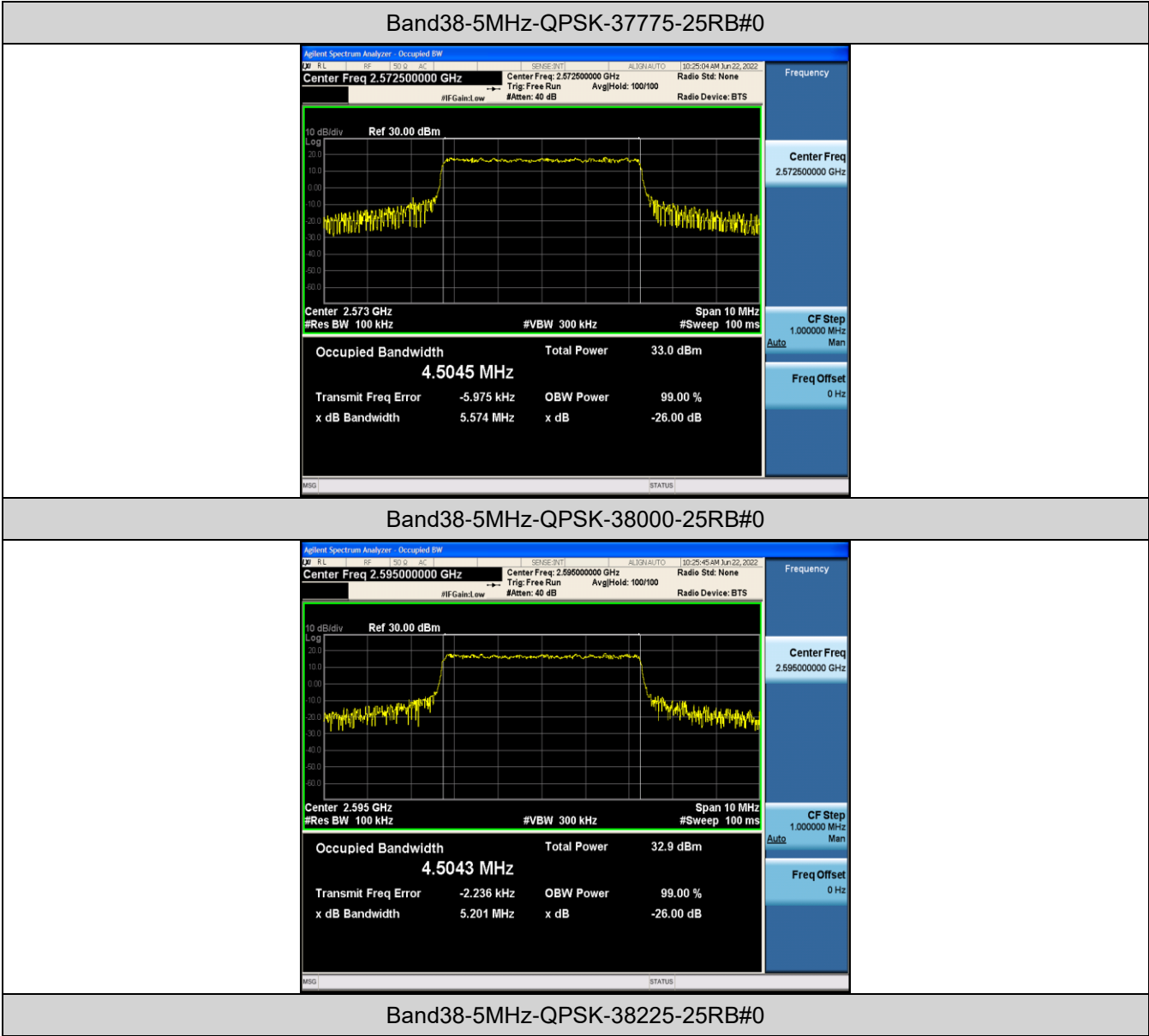


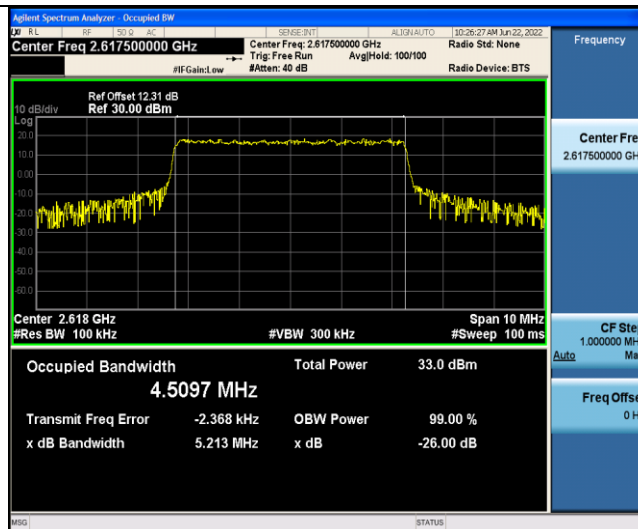
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

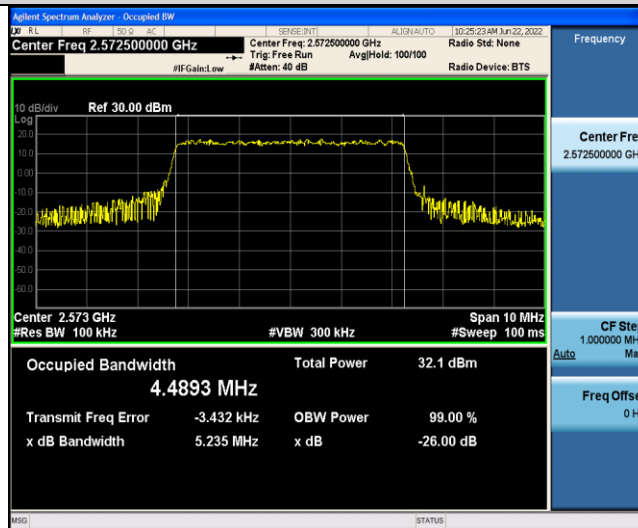
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5045	5.574	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5043	5.201	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5097	5.213	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4893	5.235	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4880	5.227	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4867	5.235	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9909	9.781	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9855	10.05	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9928	10.35	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9946	10.16	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9914	10.82	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9753	9.908	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.435	15.39	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.467	14.69	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.485	15.23	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.507	15.77	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.490	15.29	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.472	15.36	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.953	20.25	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.940	20.85	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.949	19.59	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.929	19.57	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.943	20.99	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.919	19.36	PASS

Test Graphs

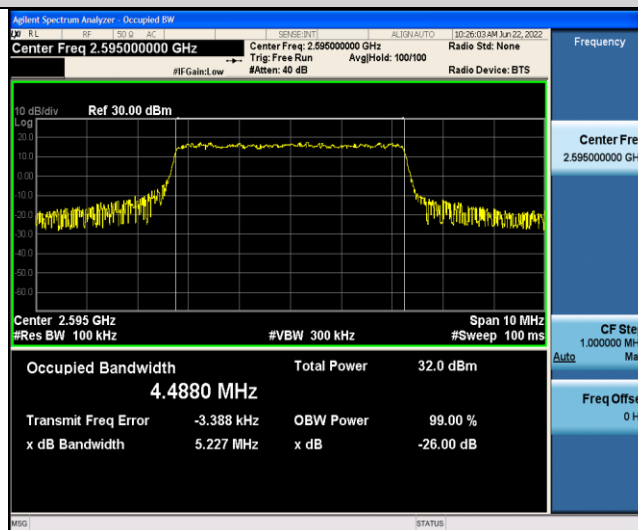




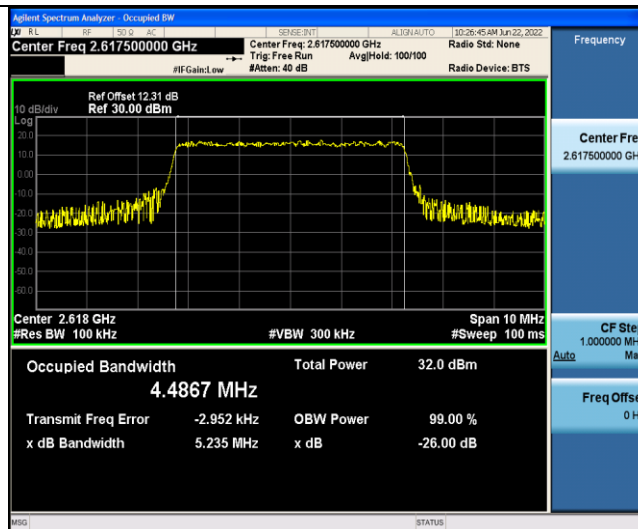
Band38-5MHz-16QAM-37775-25RB#0



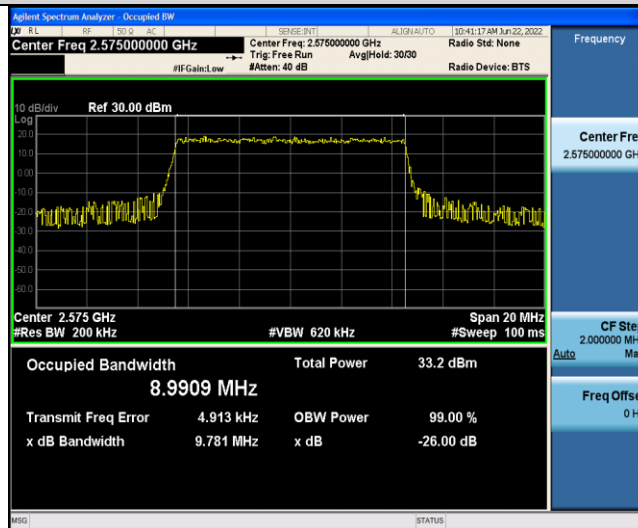
Band38-5MHz-16QAM-38000-25RB#0



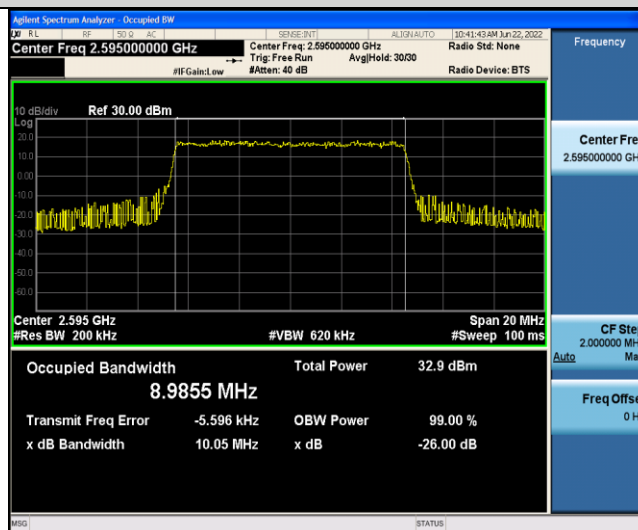
Band38-5MHz-16QAM-38225-25RB#0



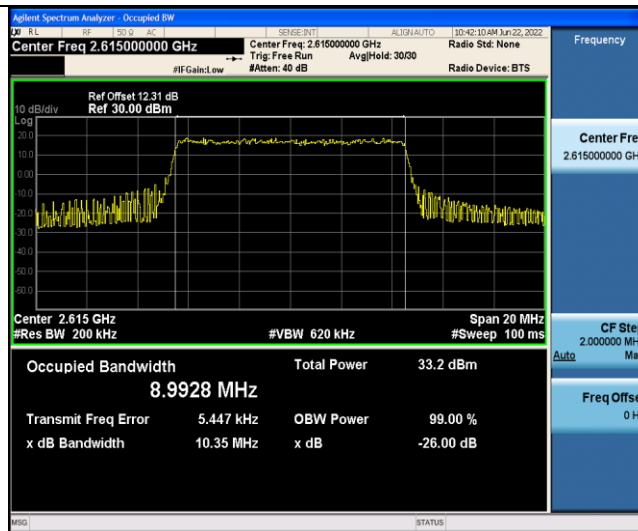
Band38-10MHz-QPSK-37800-50RB#0



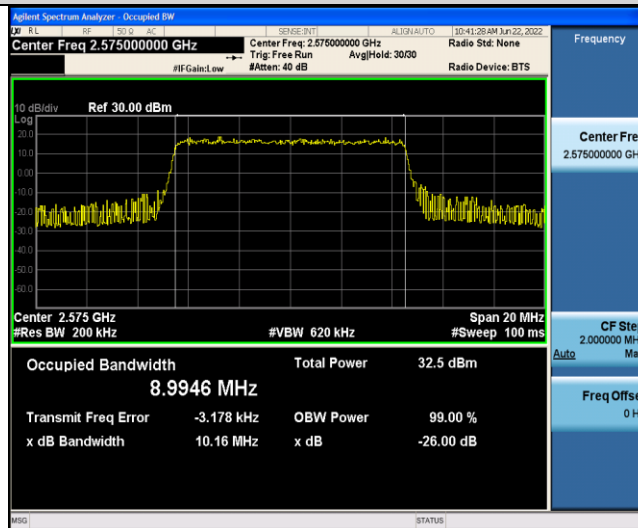
Band38-10MHz-QPSK-38000-50RB#0



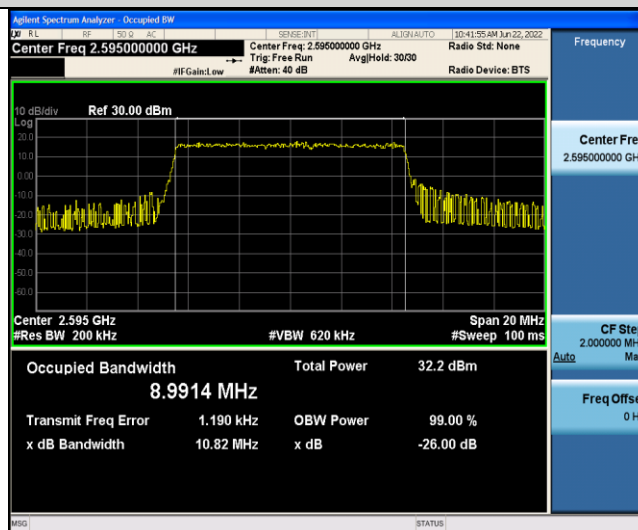
Band38-10MHz-QPSK-38200-50RB#0



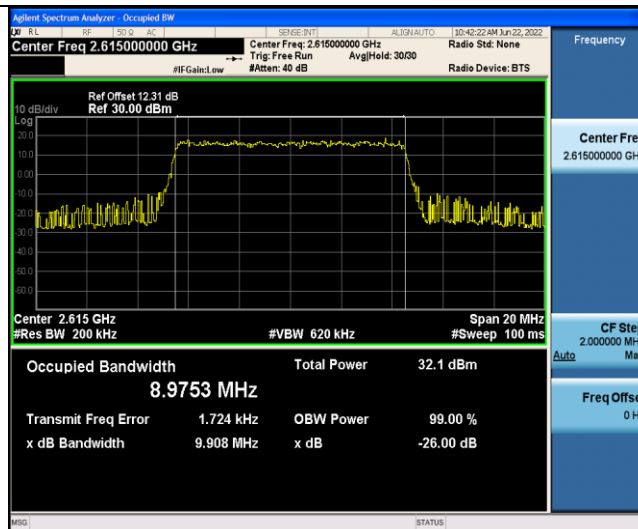
Band38-10MHz-16QAM-37800-50RB#0



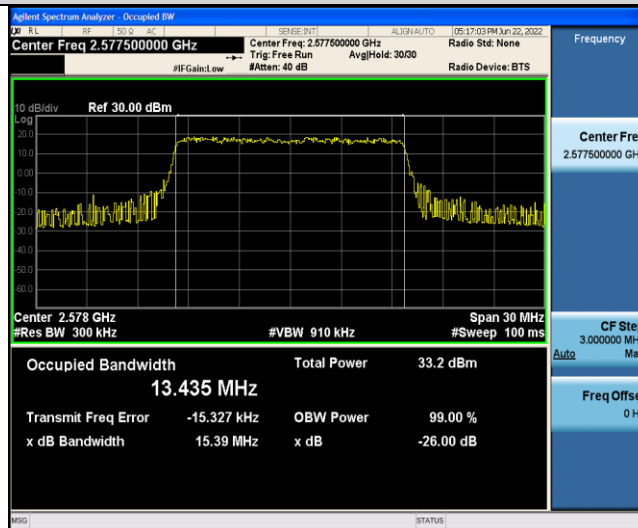
Band38-10MHz-16QAM-38000-50RB#0



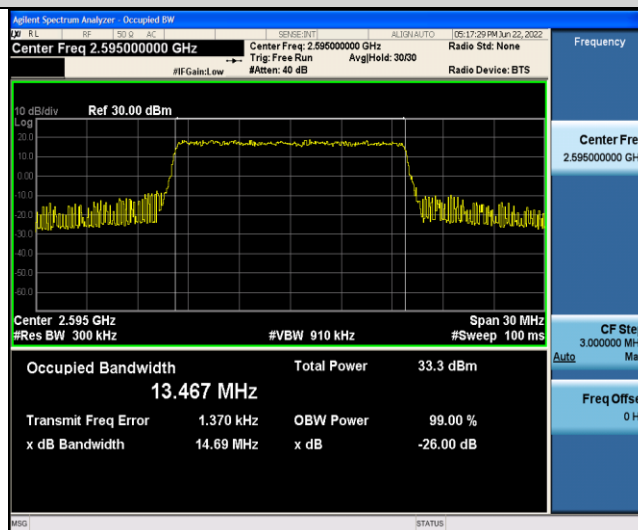
Band38-10MHz-16QAM-38200-50RB#0



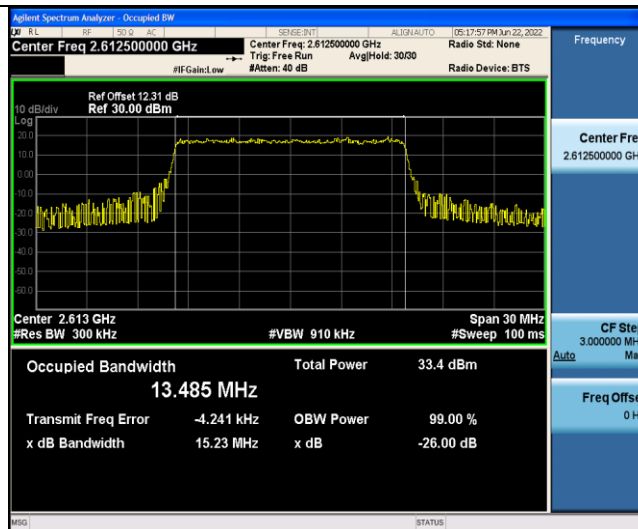
Band38-15MHz-QPSK-37825-75RB#0



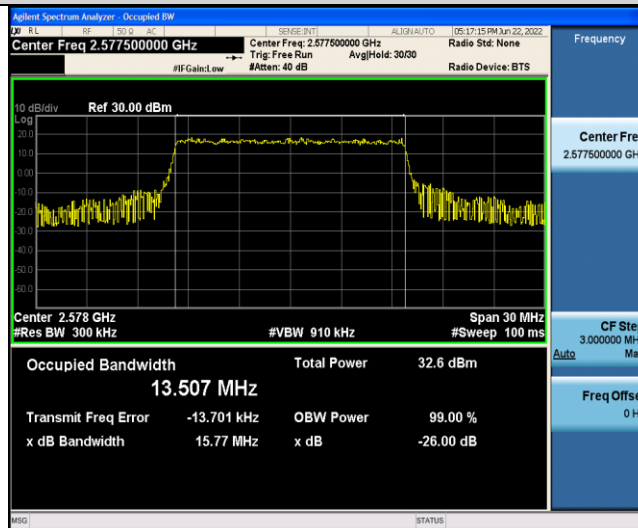
Band38-15MHz-QPSK-38000-75RB#0



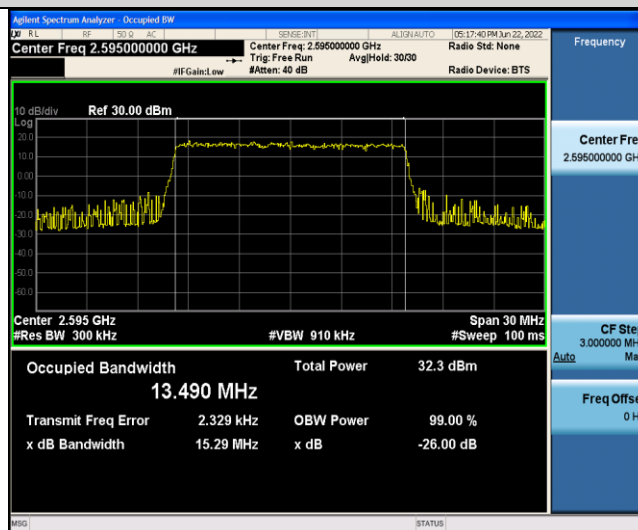
Band38-15MHz-QPSK-38175-75RB#0



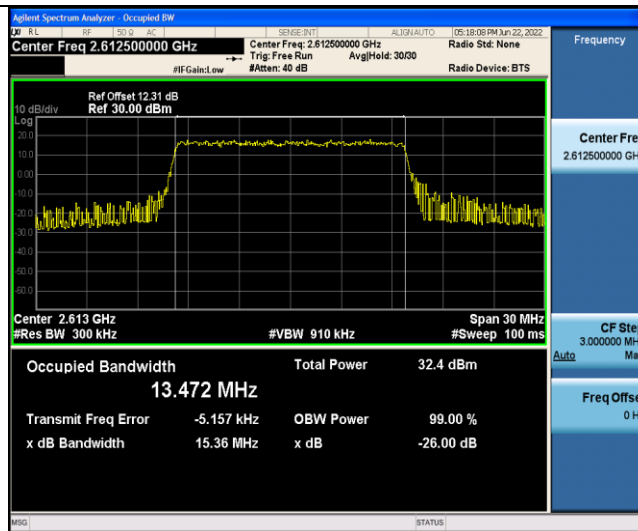
Band38-15MHz-16QAM-37825-75RB#0



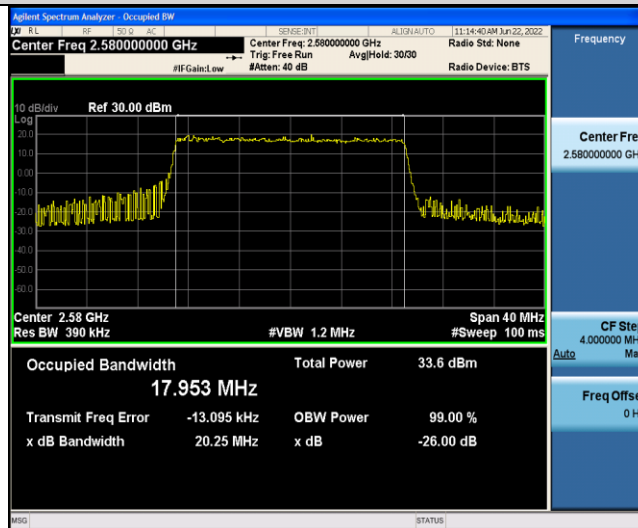
Band38-15MHz-16QAM-38000-75RB#0



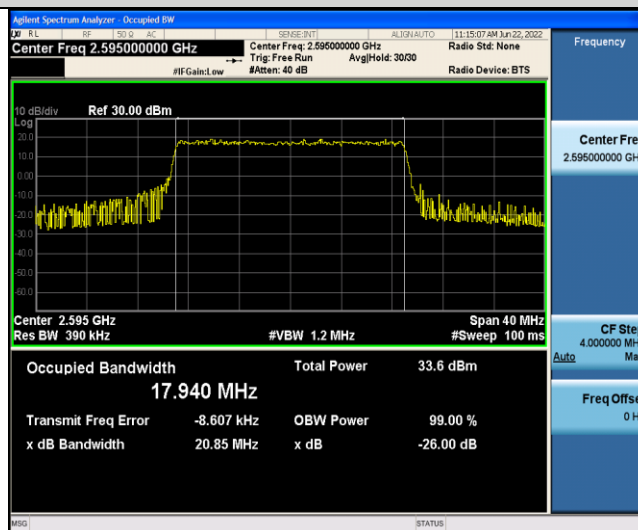
Band38-15MHz-16QAM-38175-75RB#0



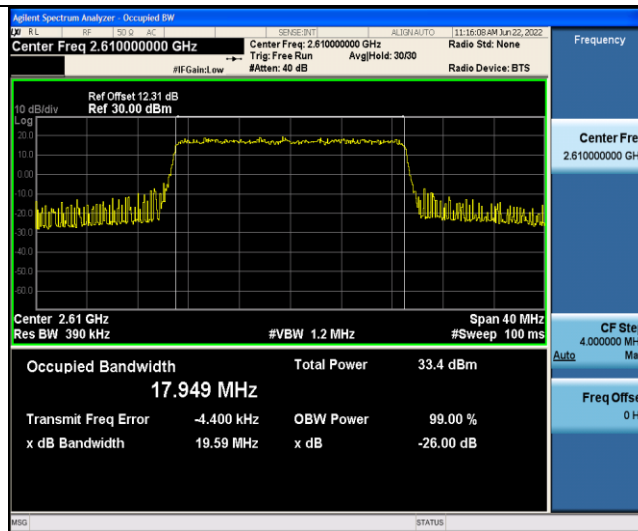
Band38-20MHz-QPSK-37850-100RB#0



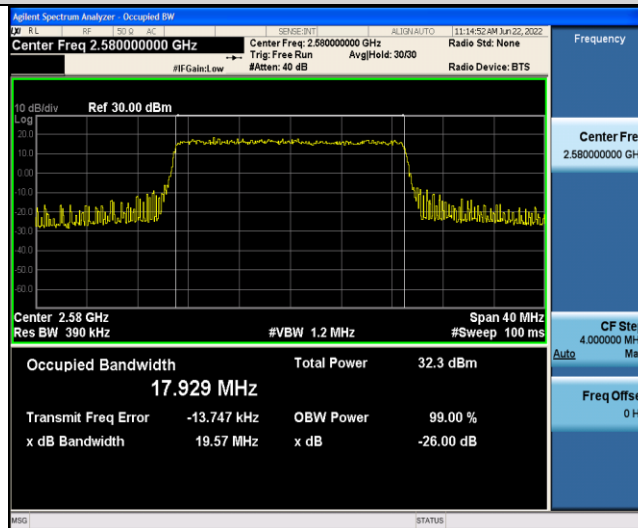
Band38-20MHz-QPSK-38000-100RB#0



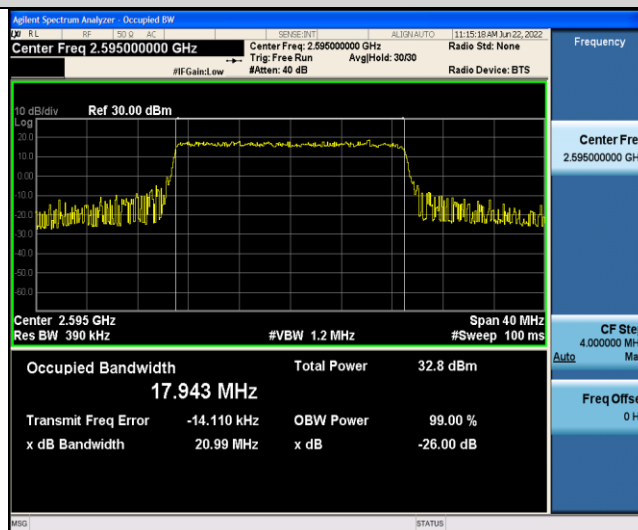
Band38-20MHz-QPSK-38150-100RB#0



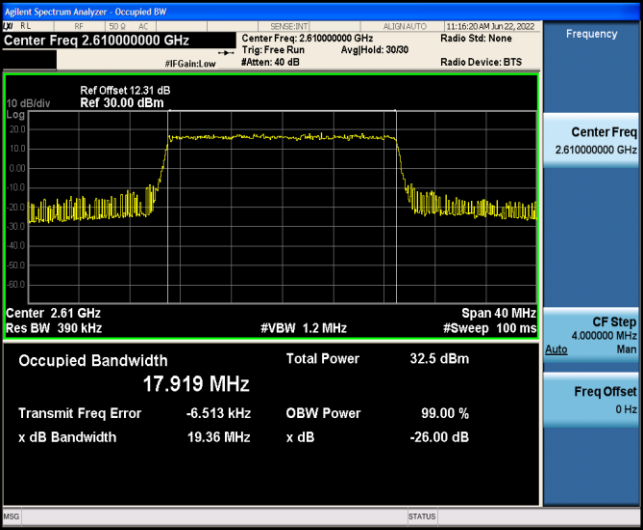
Band38-20MHz-16QAM-37850-100RB#0



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



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



Appendix D: Band Edge

Test Result

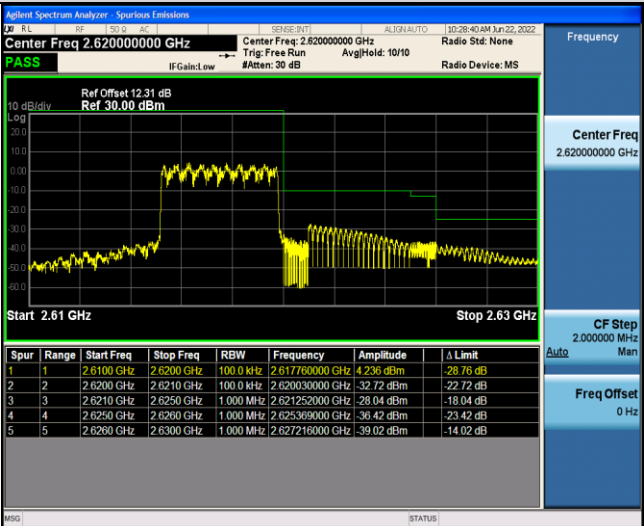
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-40.22,-35.84,-26.72,-35.14	PASS
Band38	5MHz	QPSK	38225	25RB#0	-32.72,-28.04,-36.42,-39.02	PASS
Band38	5MHz	16QAM	37775	25RB#0	-38.38,-37.82,-31.72,-35.64	PASS
Band38	5MHz	16QAM	38225	25RB#0	-37.20,-29.73,-37.59,-39.84	PASS
Band38	10MHz	QPSK	37800	50RB#0	-41.07,-34.88,-29.24,-33.60	PASS
Band38	10MHz	QPSK	38200	50RB#0	-33.66,-29.50,-39.45,-40.87	PASS
Band38	10MHz	16QAM	37800	50RB#0	-42.03,-35.78,-31.63,-37.30	PASS
Band38	10MHz	16QAM	38200	50RB#0	-33.88,-29.87,-35.81,-43.37	PASS
Band38	15MHz	QPSK	37825	75RB#0	-42.64,-36.95,-31.95,-32.86	PASS
Band38	15MHz	QPSK	38175	75RB#0	-30.86,-31.74,-34.96,-40.88	PASS
Band38	15MHz	16QAM	37825	75RB#0	-44.46,-38.10,-33.51,-33.51	PASS
Band38	15MHz	16QAM	38175	75RB#0	-34.07,-35.73,-38.19,-45.80	PASS
Band38	20MHz	QPSK	37850	100RB#0	-40.41,-35.81,-34.57,-31.23	PASS
Band38	20MHz	QPSK	38150	100RB#0	-32.74,-34.68,-36.12,-40.24	PASS
Band38	20MHz	16QAM	37850	100RB#0	-40.26,-35.63,-33.08,-33.60	PASS
Band38	20MHz	16QAM	38150	100RB#0	-34.27,-34.47,-36.05,-40.04	PASS

Test Graphs

Band38-5MHz-QPSK-37775-25RB#0



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



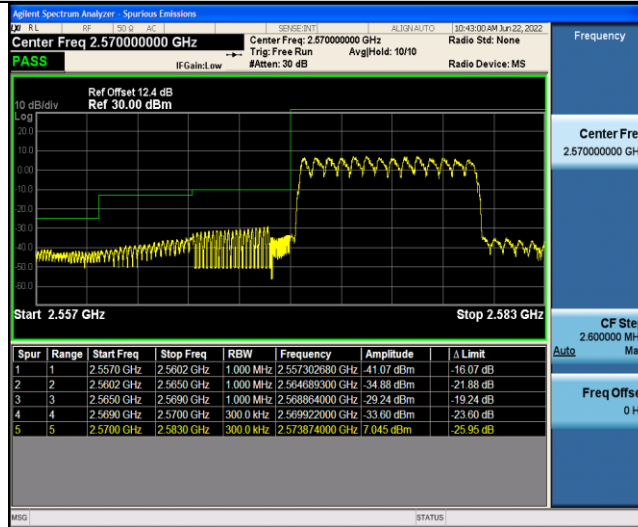
Band38-5MHz-16QAM-37775-25RB#0



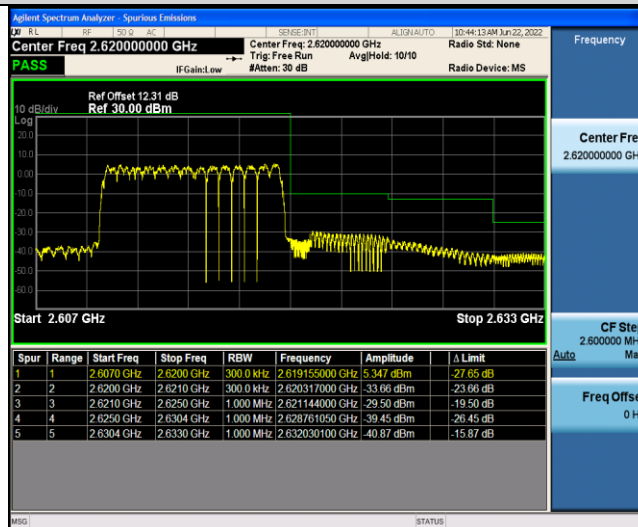
Band38-5MHz-16QAM-38225-25RB#0



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



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



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