

FCC LTE Band38 Test Data

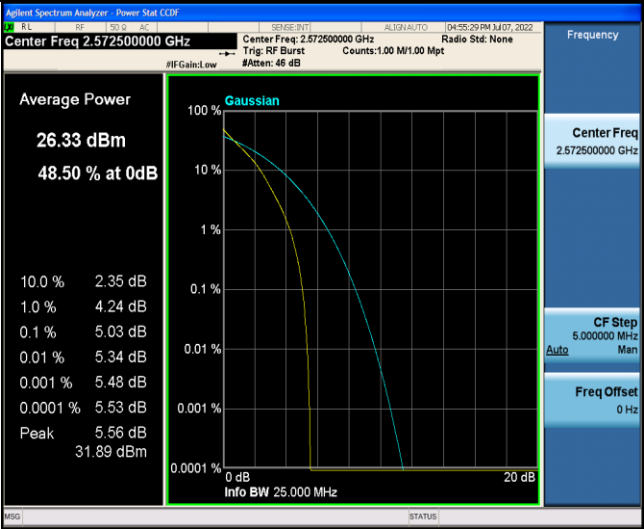
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

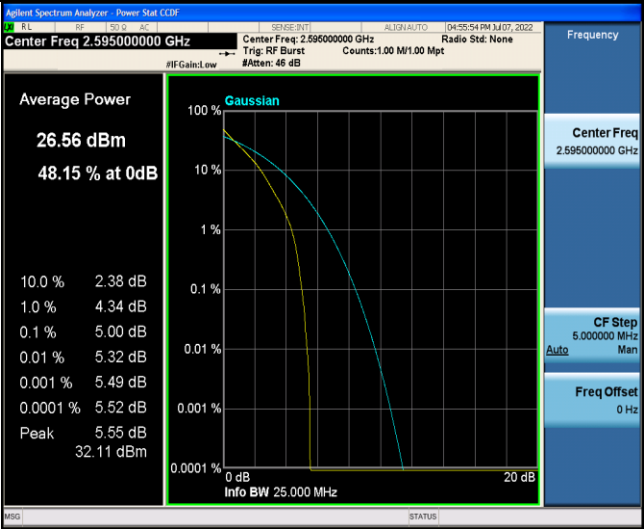
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.03	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.00	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.32	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.82	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.29	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.10	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	4.92	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	4.93	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.26	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.76	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.78	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.09	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.17	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.21	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.43	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	5.89	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.95	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.16	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.04	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.10	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.26	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.80	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.91	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.03	13	PASS

Test Graphs

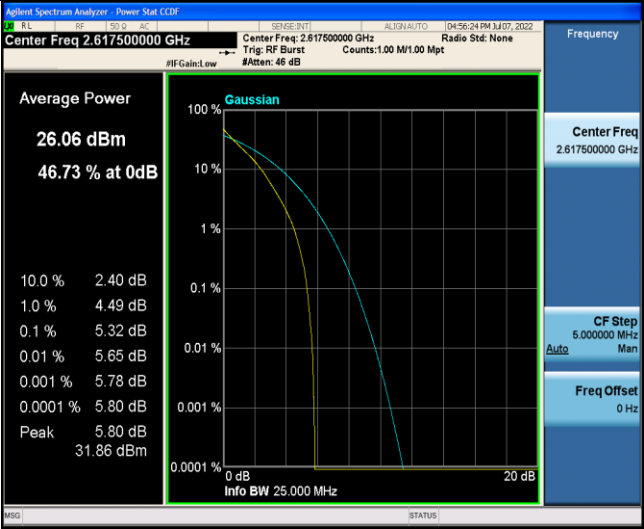
Band38-5MHz-QPSK-37775-25RB#0



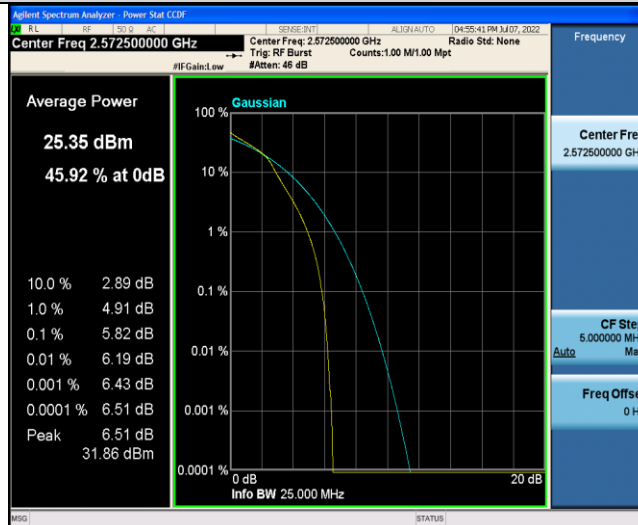
Band38-5MHz-QPSK-38000-25RB#0



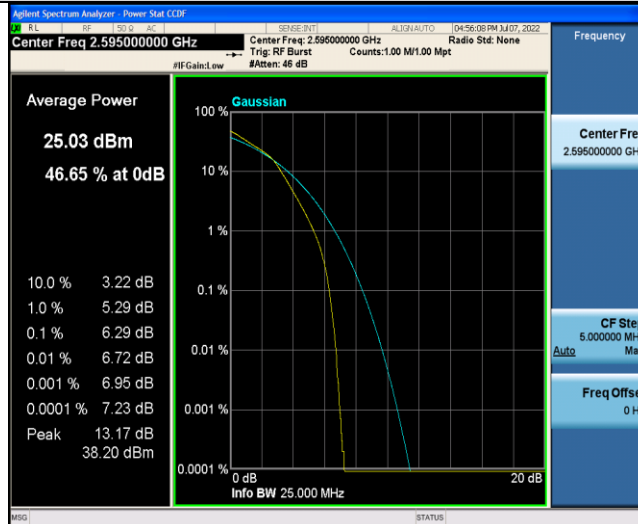
Band38-5MHz-QPSK-38225-25RB#0



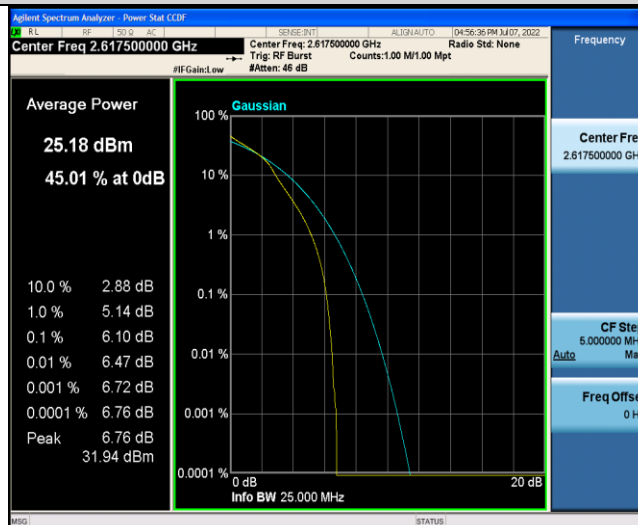
Band38-5MHz-16QAM-37775-25RB#0



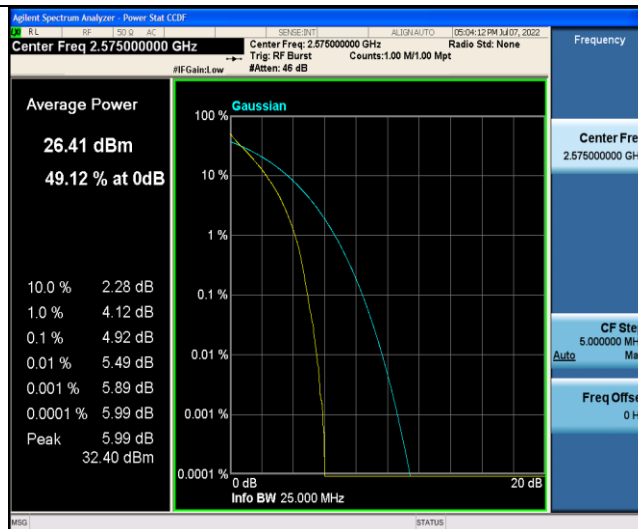
Band38-5MHz-16QAM-38000-25RB#0



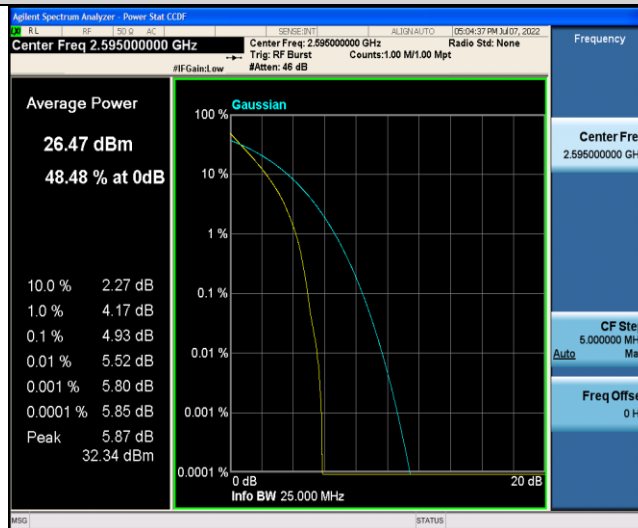
Band38-5MHz-16QAM-38225-25RB#0



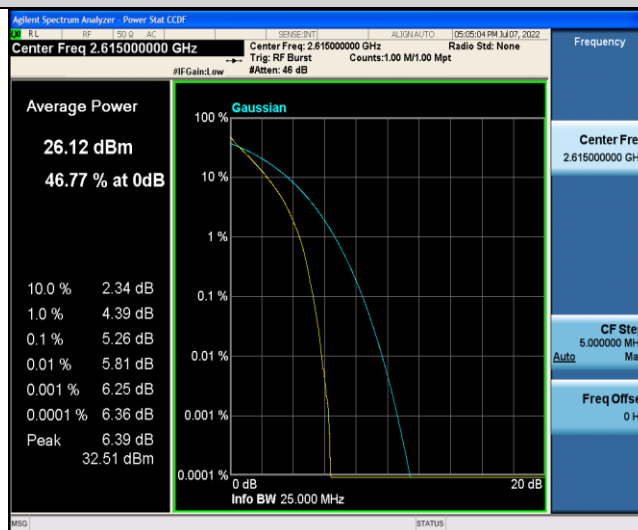
Band38-10MHz-QPSK-37800-50RB#0



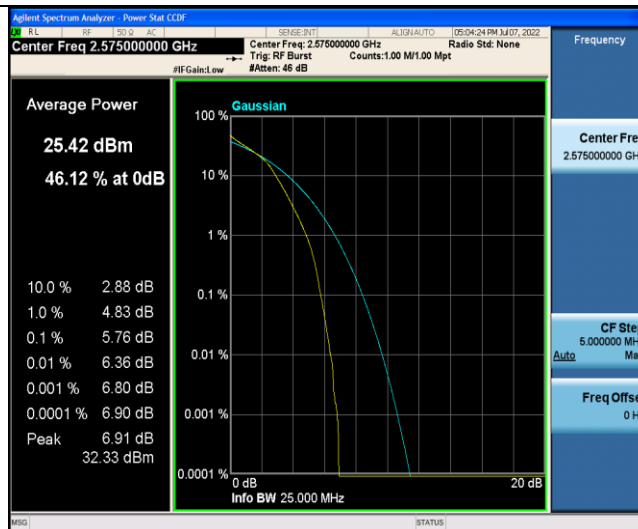
Band38-10MHz-QPSK-38000-50RB#0



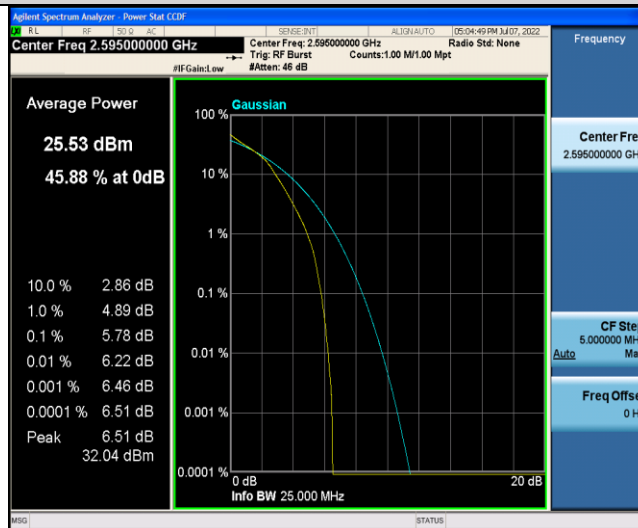
Band38-10MHz-QPSK-38200-50RB#0



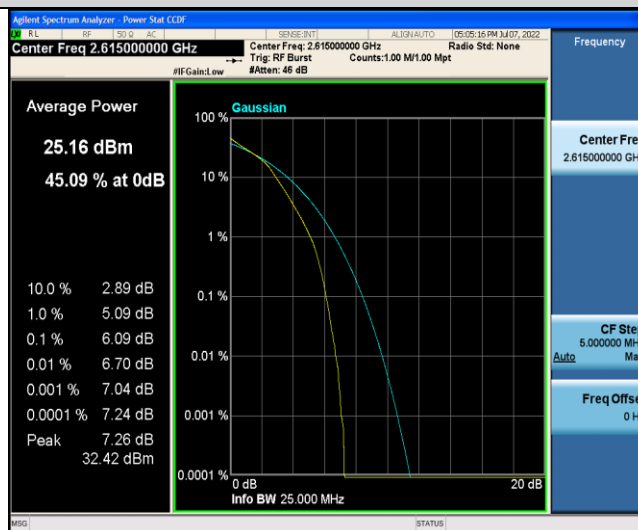
Band38-10MHz-16QAM-37800-50RB#0



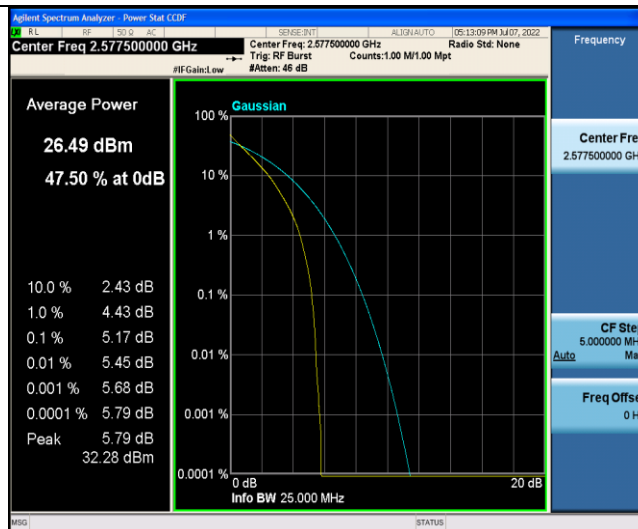
Band38-10MHz-16QAM-38000-50RB#0



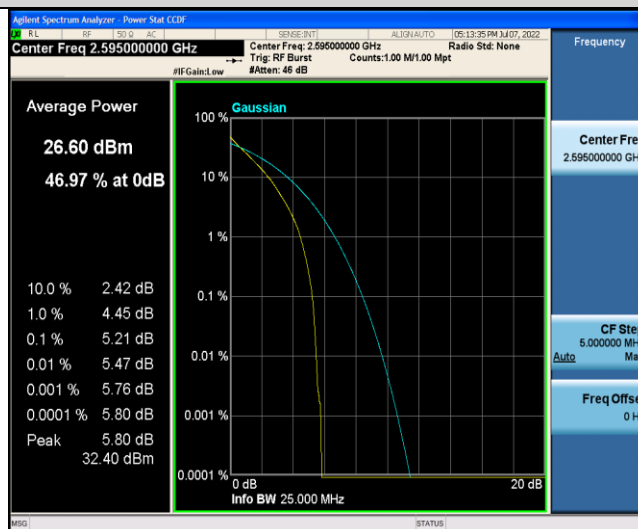
Band38-10MHz-16QAM-38200-50RB#0



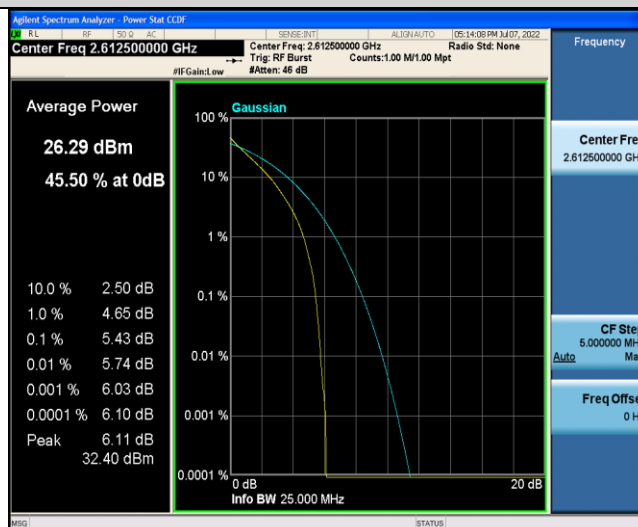
Band38-15MHz-QPSK-37825-75RB#0



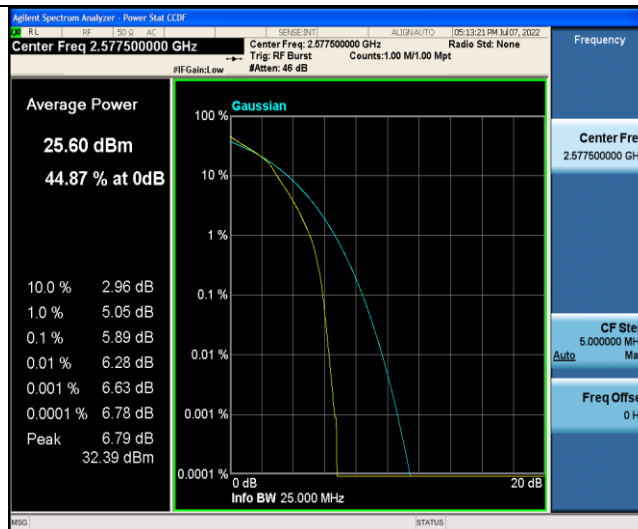
Band38-15MHz-QPSK-38000-75RB#0



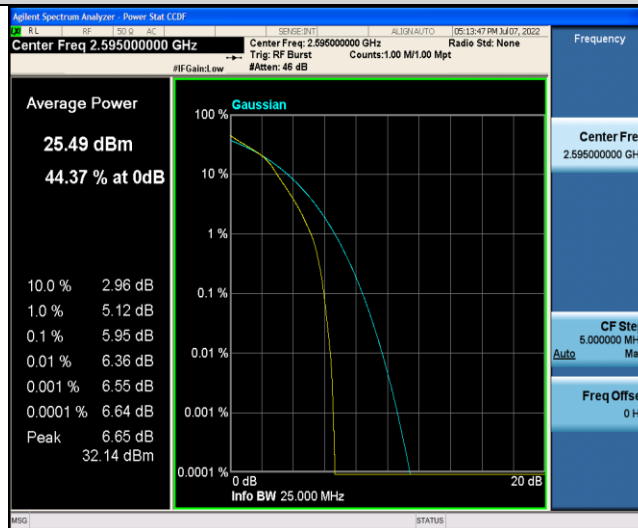
Band38-15MHz-QPSK-38175-75RB#0



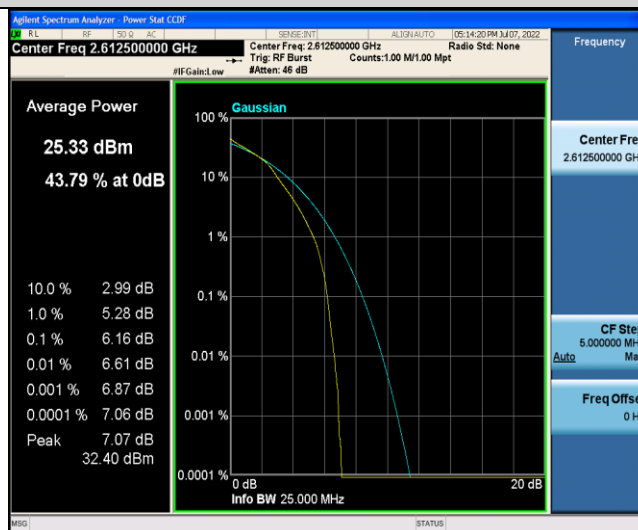
Band38-15MHz-16QAM-37825-75RB#0



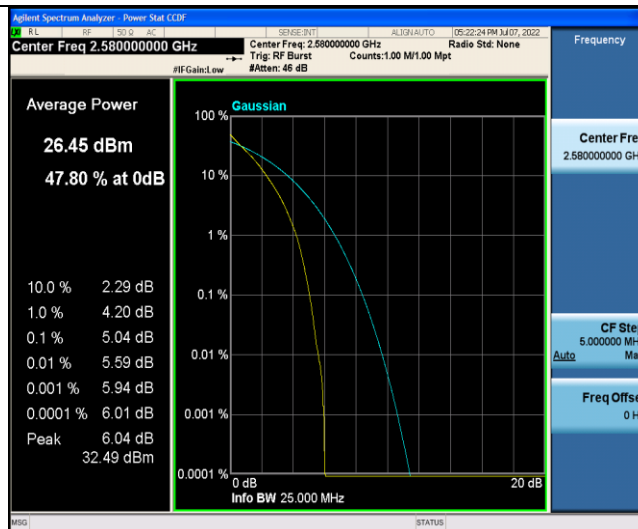
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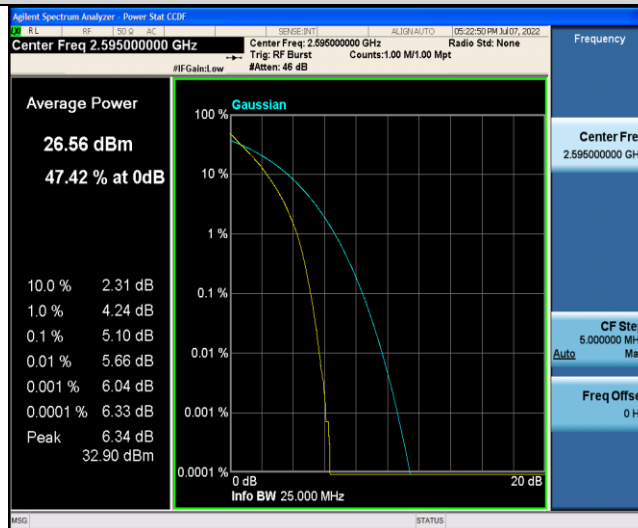
Band38-15MHz-16QAM-38175-75RB#0



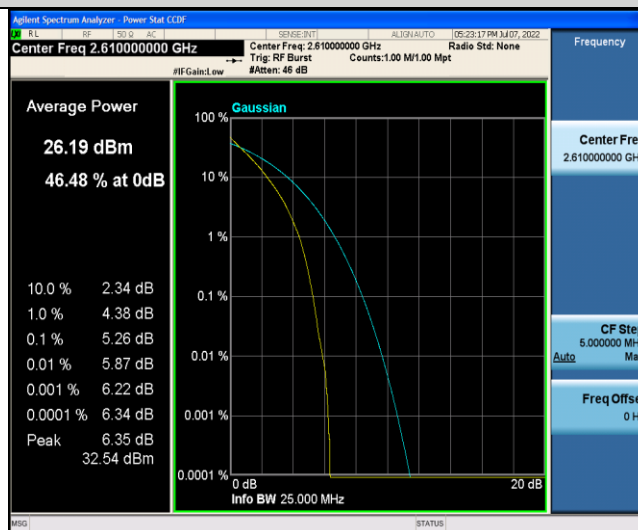
Band38-20MHz-QPSK-37850-100RB#0



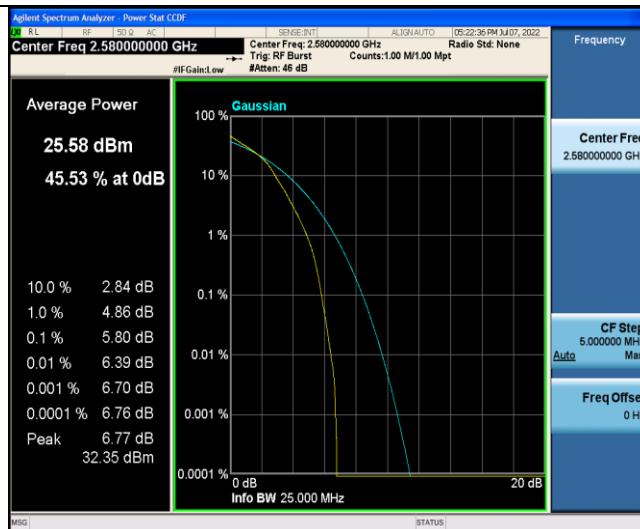
Band38-20MHz-QPSK-38000-100RB#0



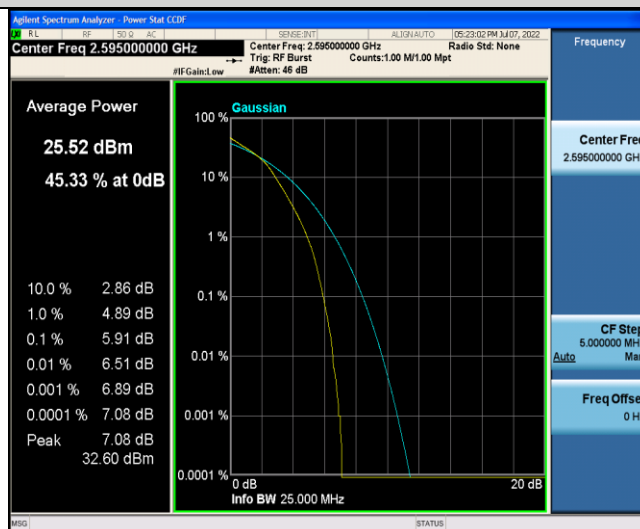
Band38-20MHz-QPSK-38150-100RB#0



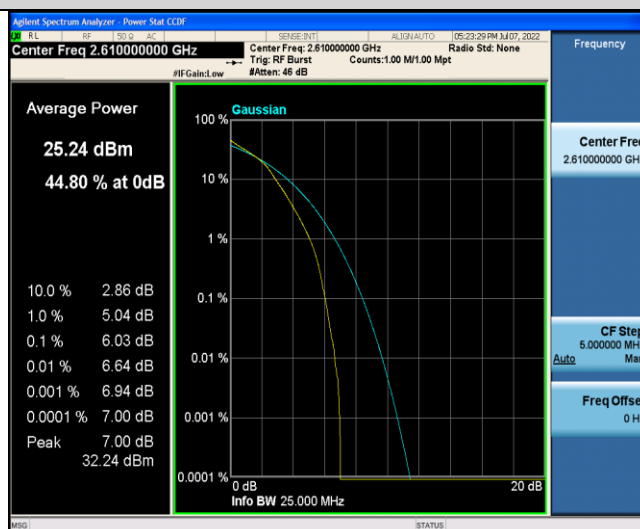
Band38-20MHz-16QAM-37850-100RB#0



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



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



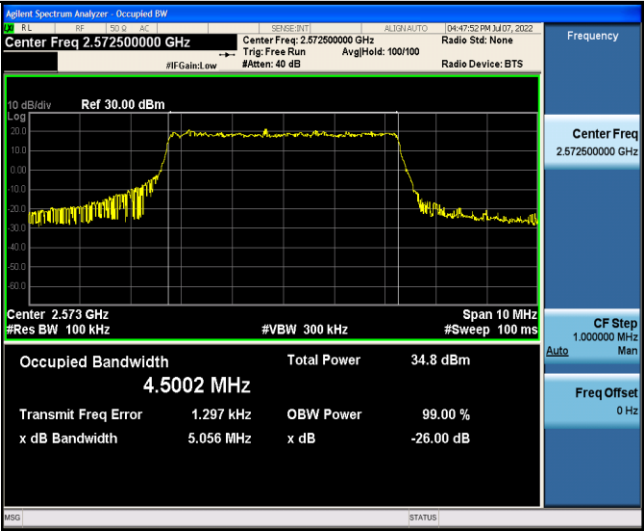
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

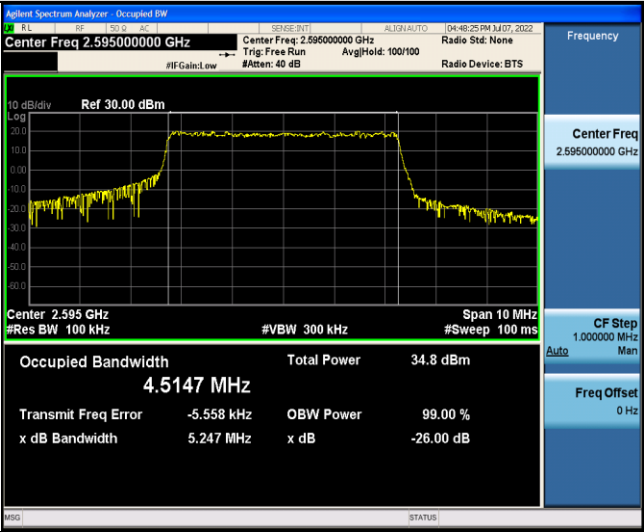
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5002	5.056	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5147	5.247	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4990	5.096	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5144	5.021	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5057	4.996	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5144	5.010	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9804	9.929	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9873	9.775	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9787	10.15	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9624	9.870	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9765	9.860	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9714	9.835	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.498	15.90	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.460	16.31	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.497	15.83	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.486	15.22	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.500	14.98	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.476	15.59	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.946	19.36	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.954	20.09	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.919	19.57	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.925	19.64	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.917	19.48	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.960	19.87	PASS

Test Graphs

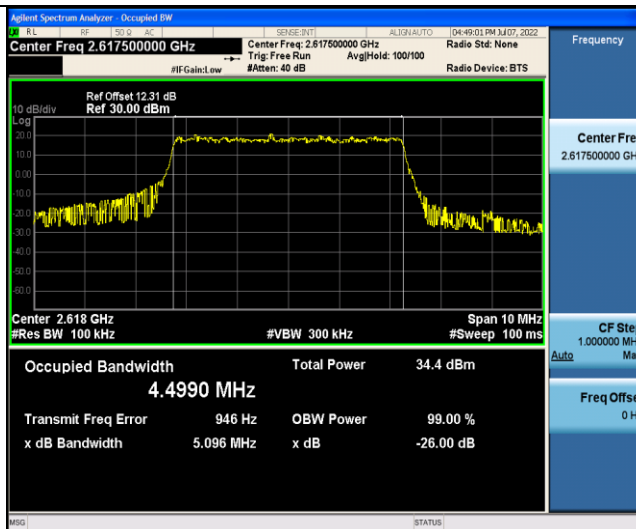
Band38-5MHz-QPSK-37775-25RB#0



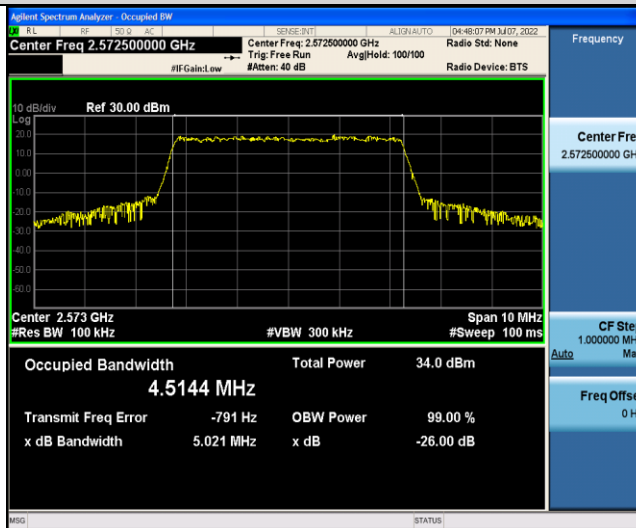
Band38-5MHz-QPSK-38000-25RB#0



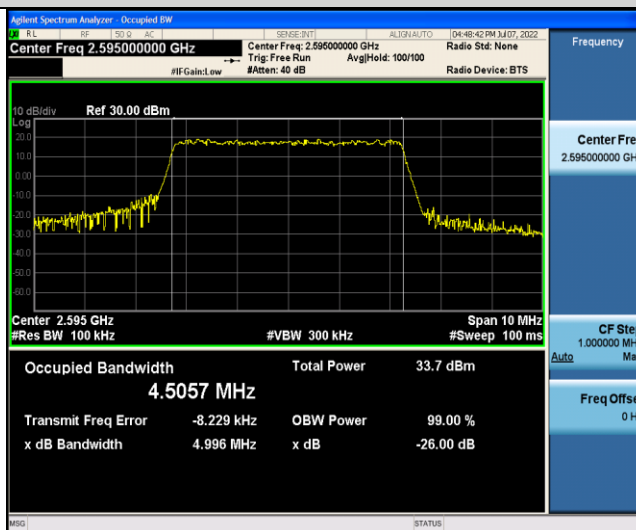
Band38-5MHz-QPSK-38225-25RB#0



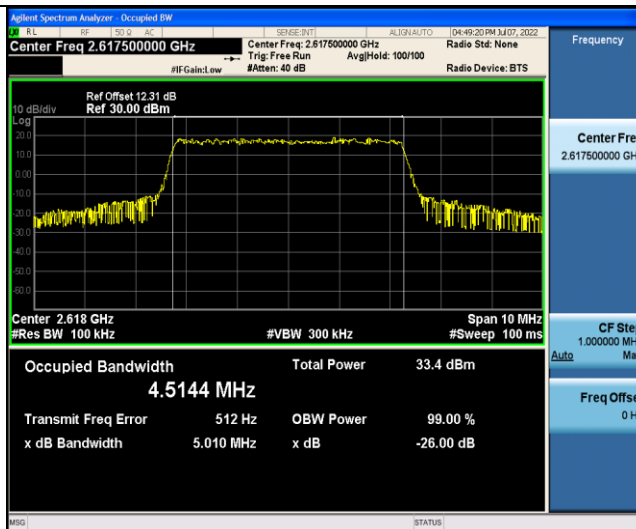
Band38-5MHz-16QAM-37775-25RB#0



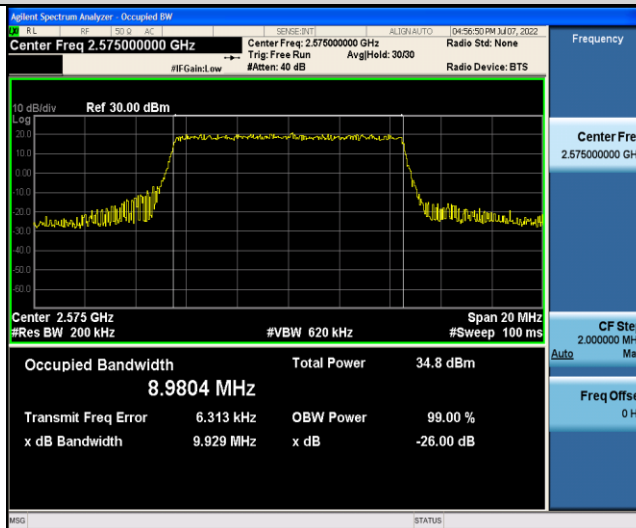
Band38-5MHz-16QAM-38000-25RB#0



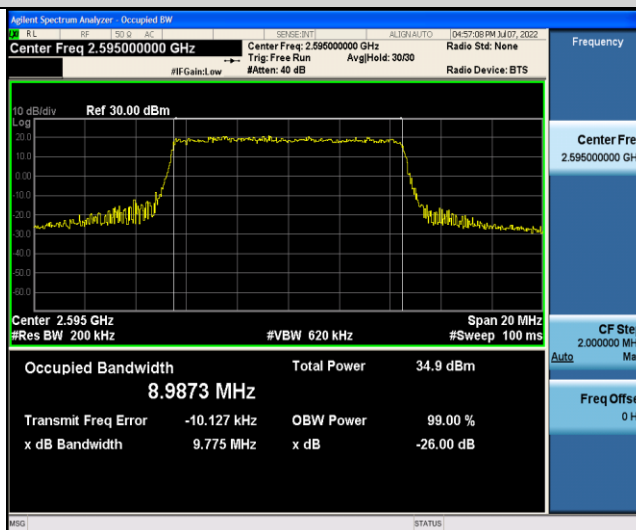
Band38-5MHz-16QAM-38225-25RB#0



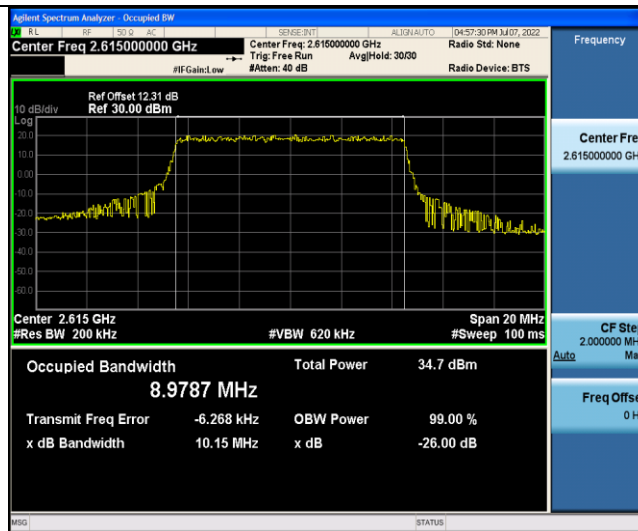
Band38-10MHz-QPSK-37800-50RB#0



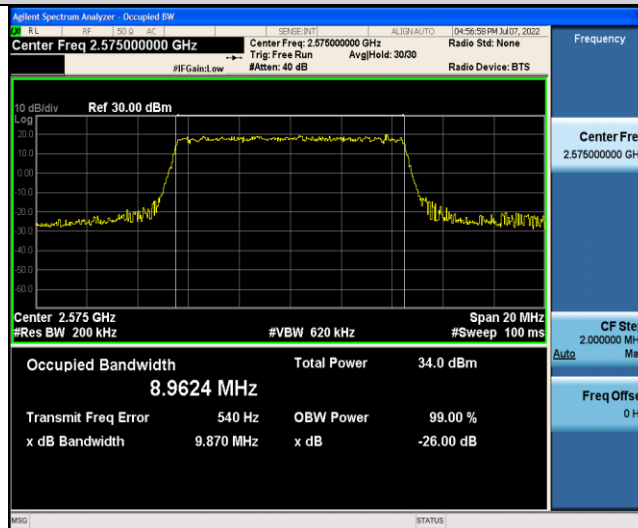
Band38-10MHz-QPSK-38000-50RB#0



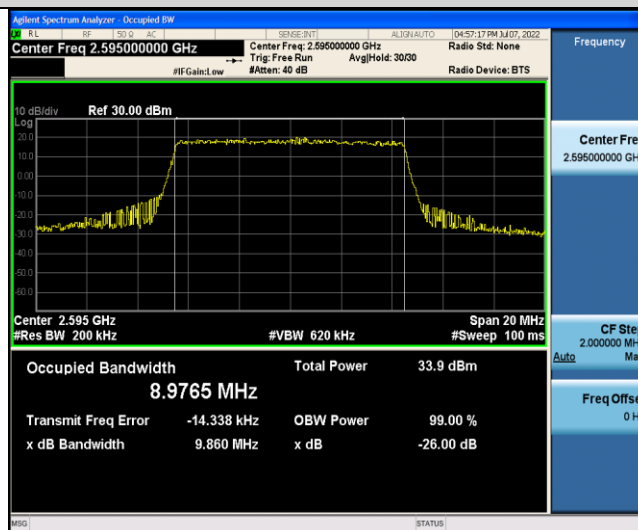
Band38-10MHz-QPSK-38200-50RB#0



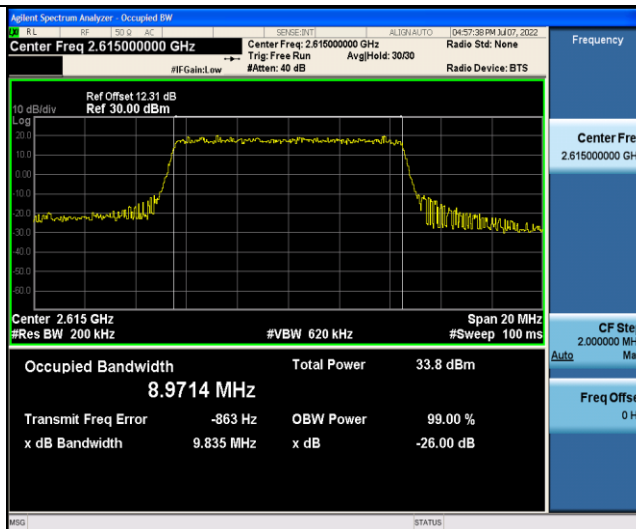
Band38-10MHz-16QAM-37800-50RB#0



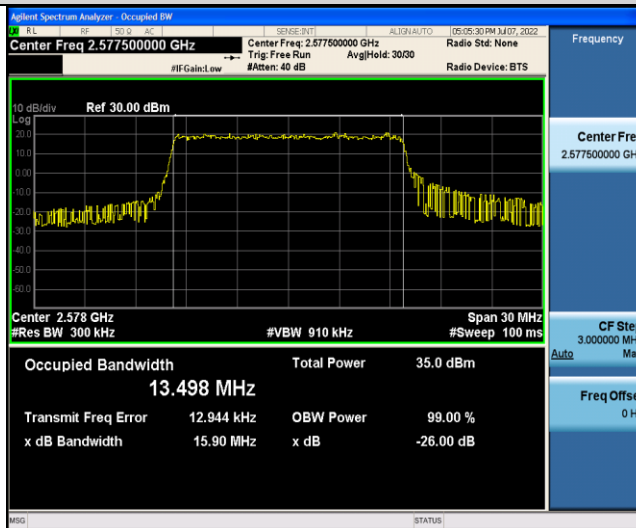
Band38-10MHz-16QAM-38000-50RB#0



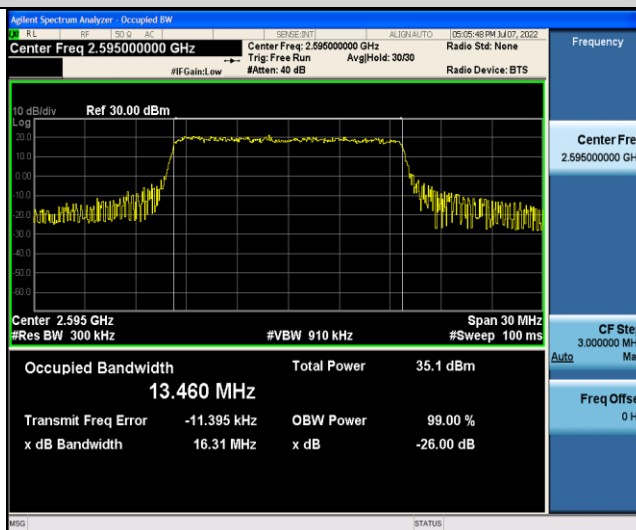
Band38-10MHz-16QAM-38200-50RB#0



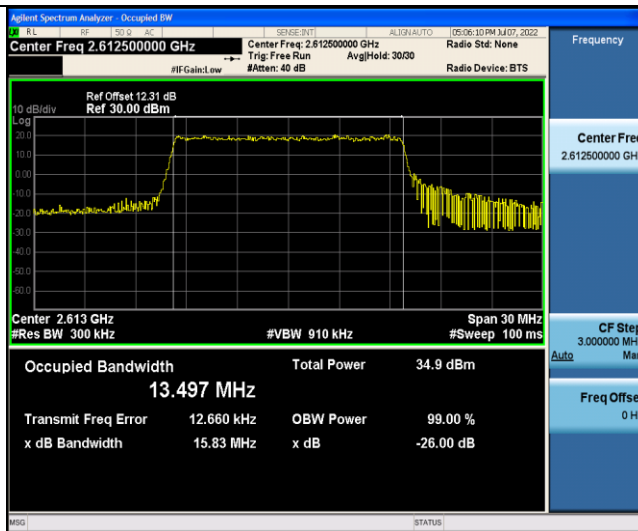
Band38-15MHz-QPSK-37825-75RB#0



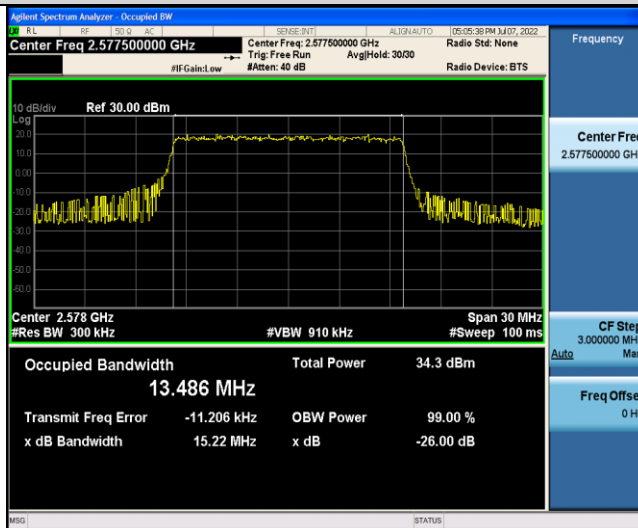
Band38-15MHz-QPSK-38000-75RB#0



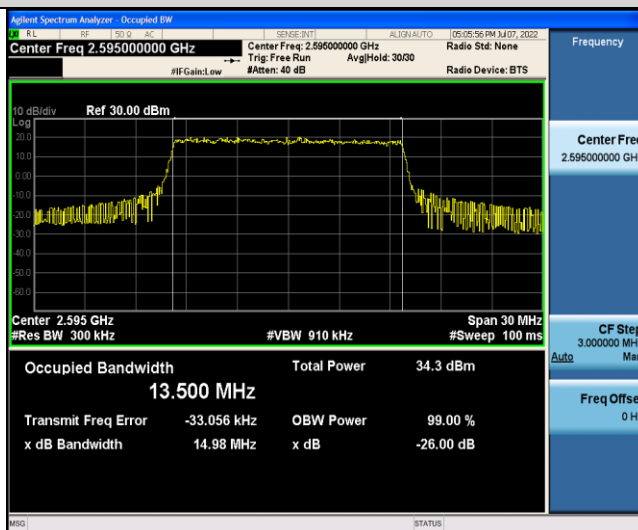
Band38-15MHz-QPSK-38175-75RB#0



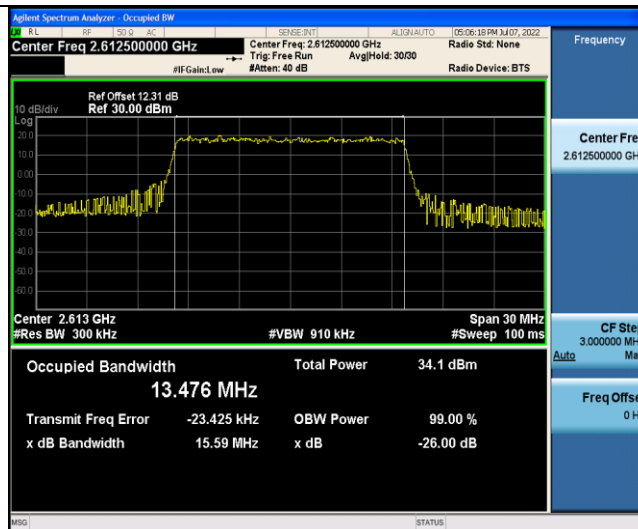
Band38-15MHz-16QAM-37825-75RB#0



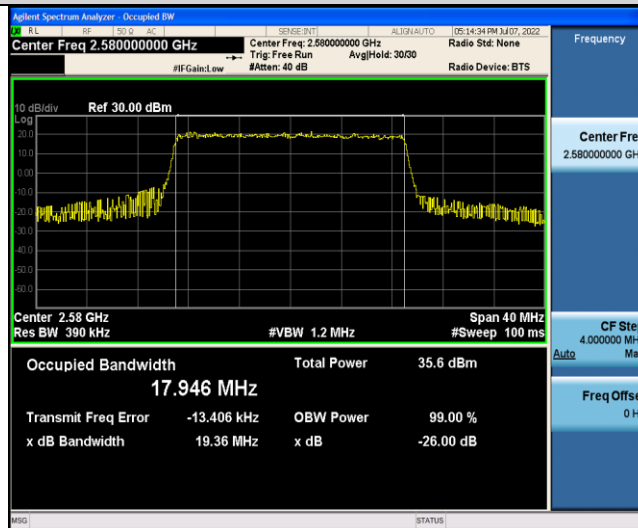
Band38-15MHz-16QAM-38000-75RB#0



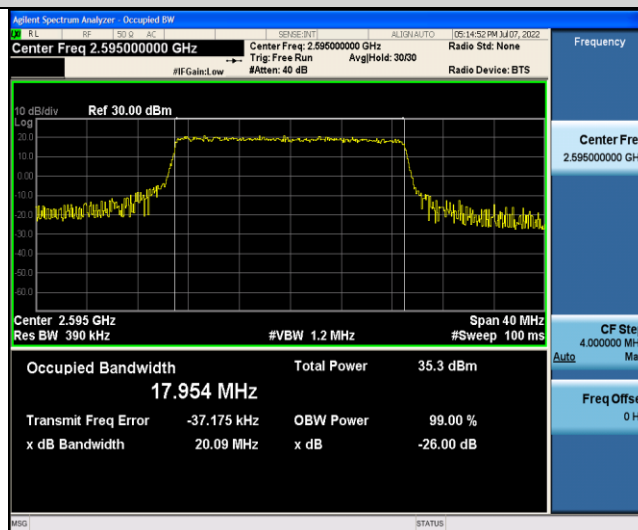
Band38-15MHz-16QAM-38175-75RB#0



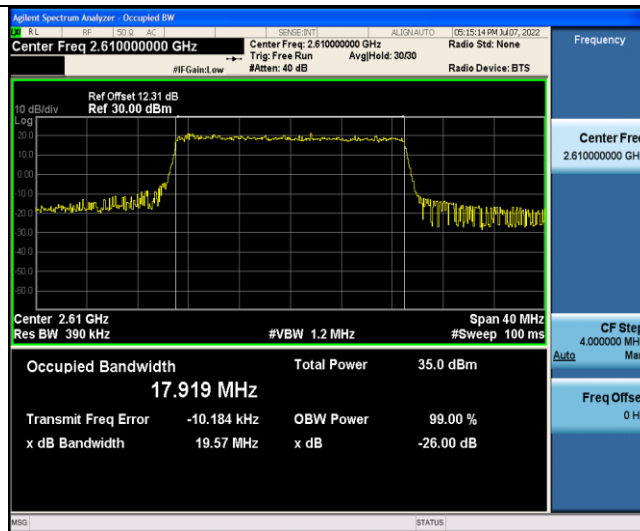
Band38-20MHz-QPSK-37850-100RB#0



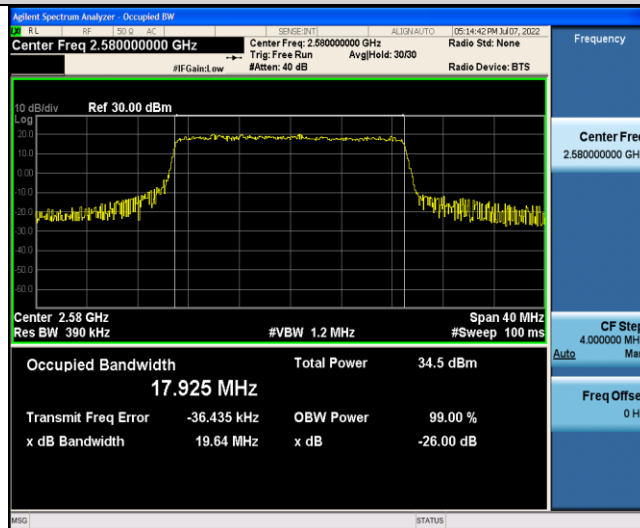
Band38-20MHz-QPSK-38000-100RB#0



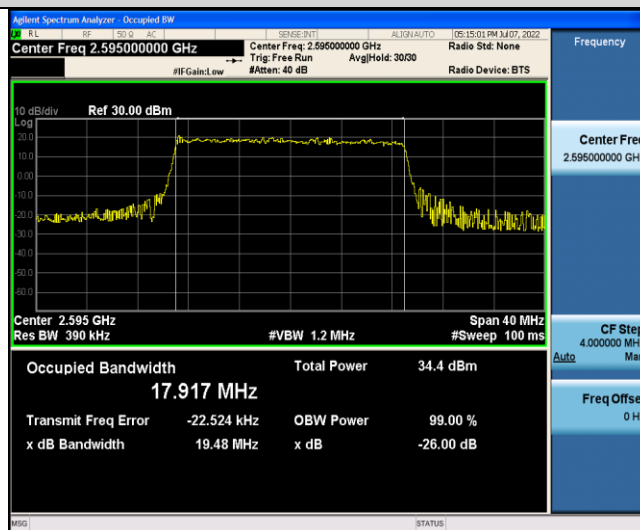
Band38-20MHz-QPSK-38150-100RB#0



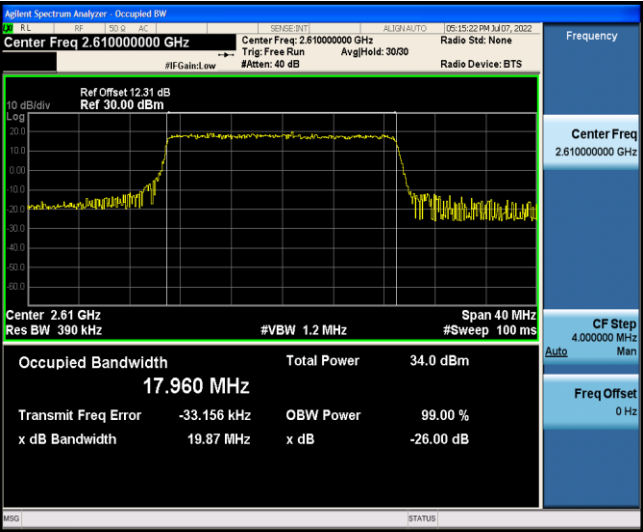
Band38-20MHz-16QAM-37850-100RB#0



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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-36.56,-27.22,-24.73,-22.08	PASS
Band38	5MHz	QPSK	38225	25RB#0	-24.96,-37.80,-45.07,-45.30	PASS
Band38	5MHz	16QAM	37775	25RB#0	-42.48,-41.65,-34.34,-33.92	PASS
Band38	5MHz	16QAM	38225	25RB#0	-28.57,-39.12,-45.47,-45.83	PASS
Band38	10MHz	QPSK	37800	50RB#0	-41.32,-33.89,-33.50,-33.03	PASS
Band38	10MHz	QPSK	38200	50RB#0	-30.55,-38.83,-39.62,-42.85	PASS
Band38	10MHz	16QAM	37800	50RB#0	-41.32,-36.42,-33.84,-34.18	PASS
Band38	10MHz	16QAM	38200	50RB#0	-32.36,-37.74,-39.90,-42.72	PASS
Band38	15MHz	QPSK	37825	75RB#0	-42.64,-32.66,-34.51,-27.17	PASS
Band38	15MHz	QPSK	38175	75RB#0	-29.07,-34.11,-36.26,-42.27	PASS
Band38	15MHz	16QAM	37825	75RB#0	-40.79,-35.36,-32.27,-29.10	PASS
Band38	15MHz	16QAM	38175	75RB#0	-35.88,-35.18,-37.28,-43.37	PASS
Band38	20MHz	QPSK	37850	100RB#0	-39.38,-32.34,-33.95,-29.81	PASS
Band38	20MHz	QPSK	38150	100RB#0	-31.56,-36.94,-35.22,-39.54	PASS
Band38	20MHz	16QAM	37850	100RB#0	-38.92,-34.14,-33.58,-29.45	PASS
Band38	20MHz	16QAM	38150	100RB#0	-33.06,-36.55,-36.14,-39.47	PASS