

FCC LTE Band7 Test Data

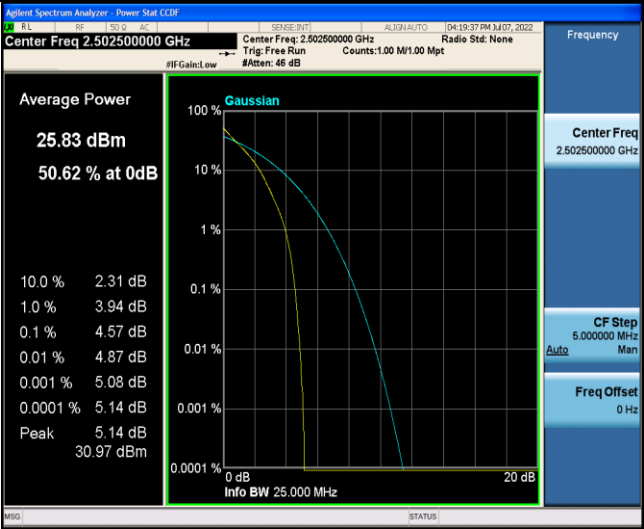
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

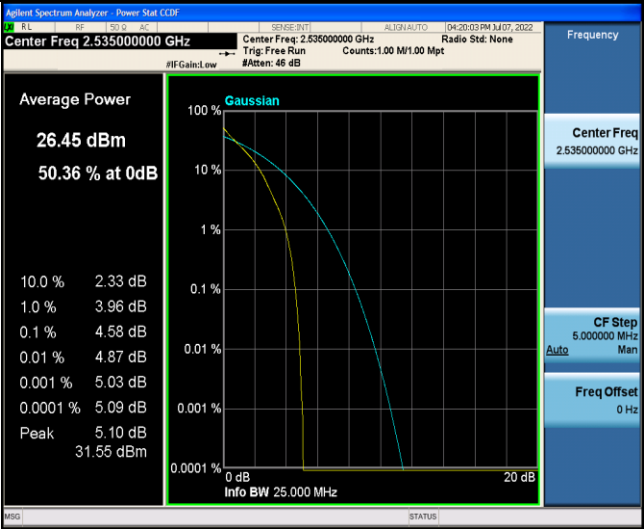
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.57	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.58	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.04	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.35	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.44	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.94	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.72	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.61	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.35	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.49	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.46	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.22	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.12	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	4.95	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.81	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.81	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.69	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.56	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.06	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.84	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.78	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.85	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.67	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.60	13	PASS

Test Graphs

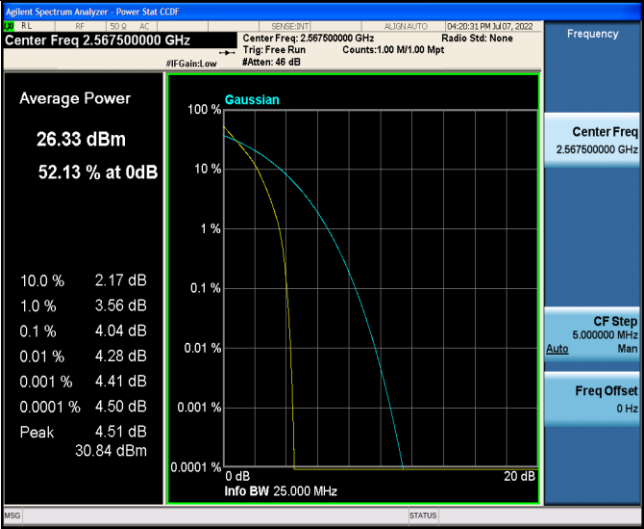
Band7-5MHz-QPSK-20775-25RB#0



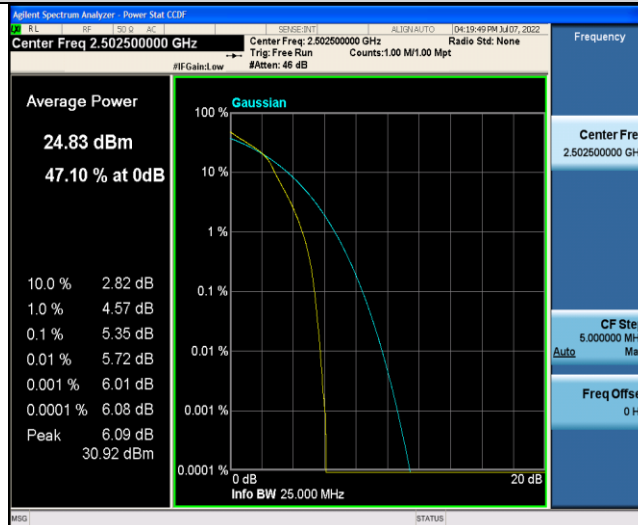
Band7-5MHz-QPSK-21100-25RB#0



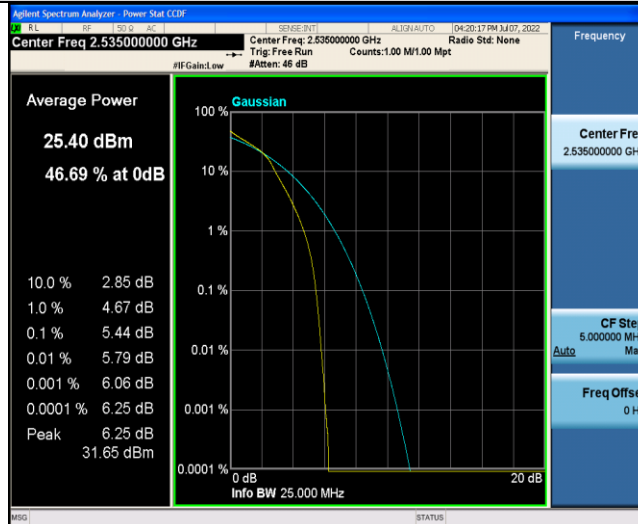
Band7-5MHz-QPSK-21425-25RB#0



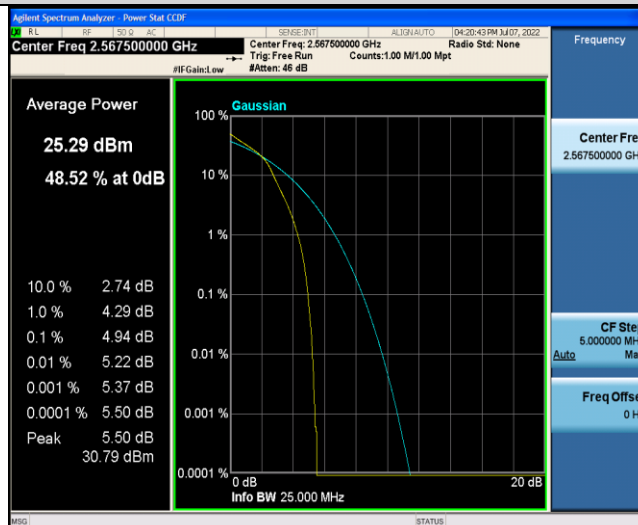
Band7-5MHz-16QAM-20775-25RB#0



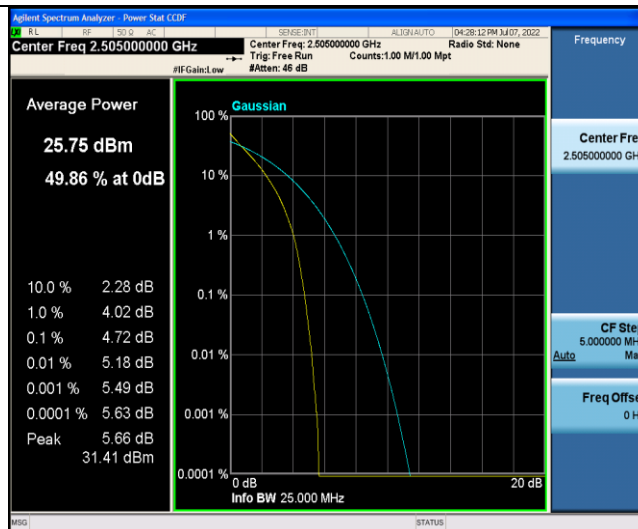
Band7-5MHz-16QAM-21100-25RB#0



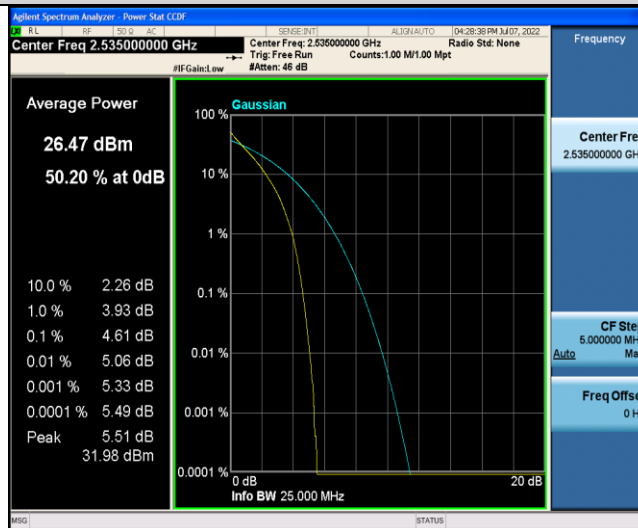
Band7-5MHz-16QAM-21425-25RB#0



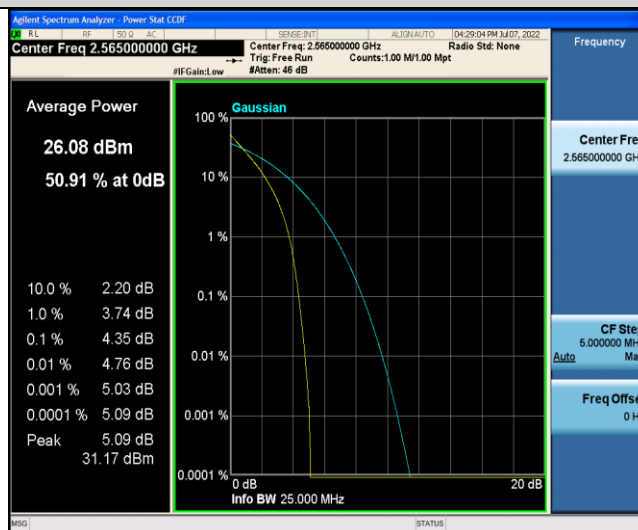
Band7-10MHz-QPSK-20800-50RB#0



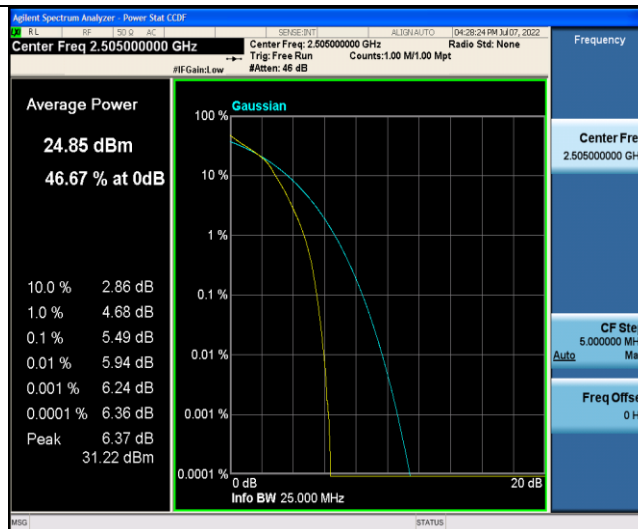
Band7-10MHz-QPSK-21100-50RB#0



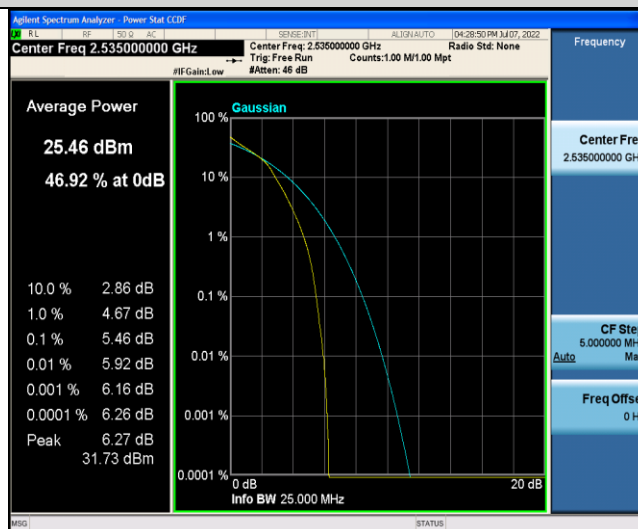
Band7-10MHz-QPSK-21400-50RB#0



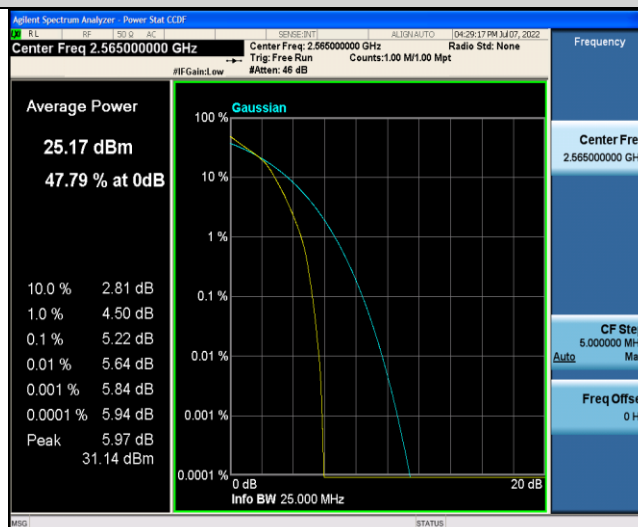
Band7-10MHz-16QAM-20800-50RB#0



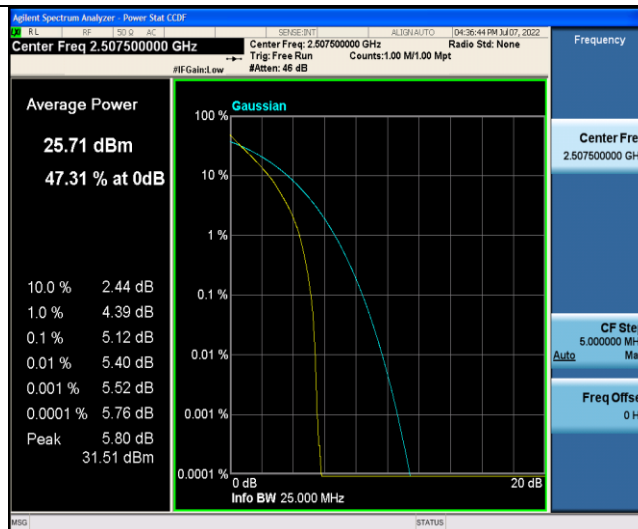
Band7-10MHz-16QAM-21100-50RB#0



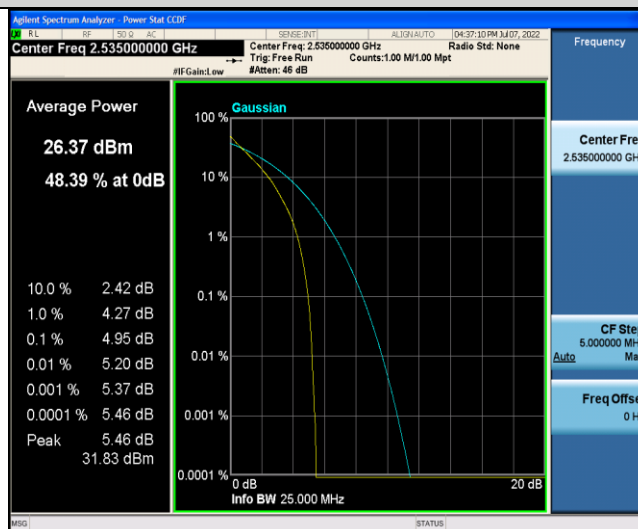
Band7-10MHz-16QAM-21400-50RB#0



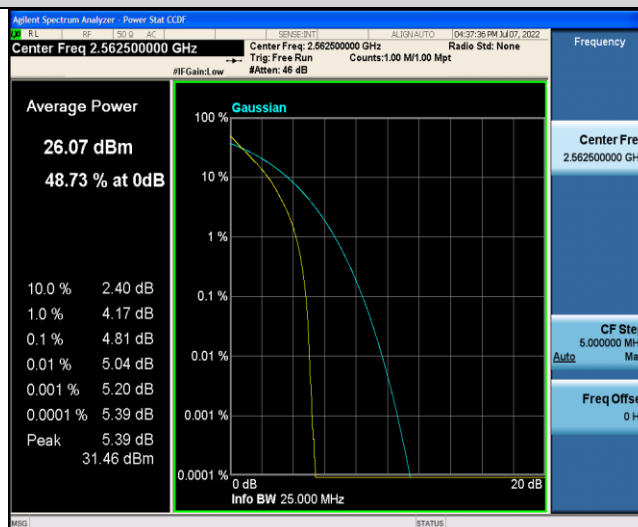
Band7-15MHz-QPSK-20825-75RB#0



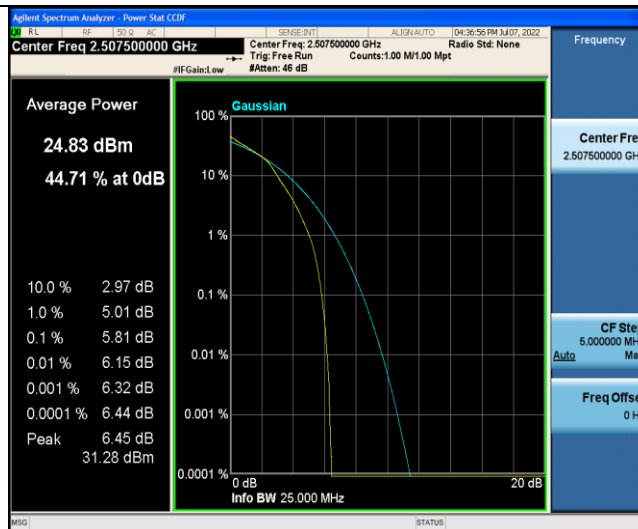
Band7-15MHz-QPSK-21100-75RB#0



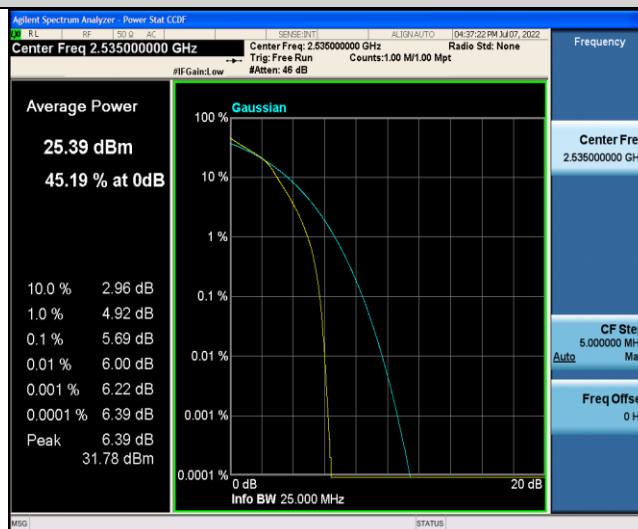
Band7-15MHz-QPSK-21375-75RB#0



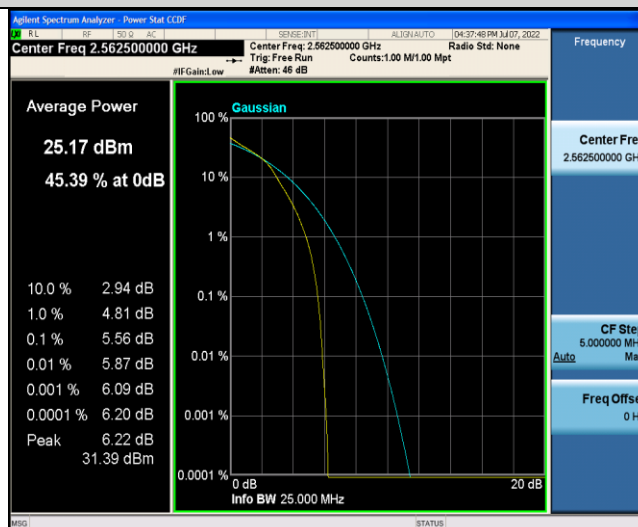
Band7-15MHz-16QAM-20825-75RB#0



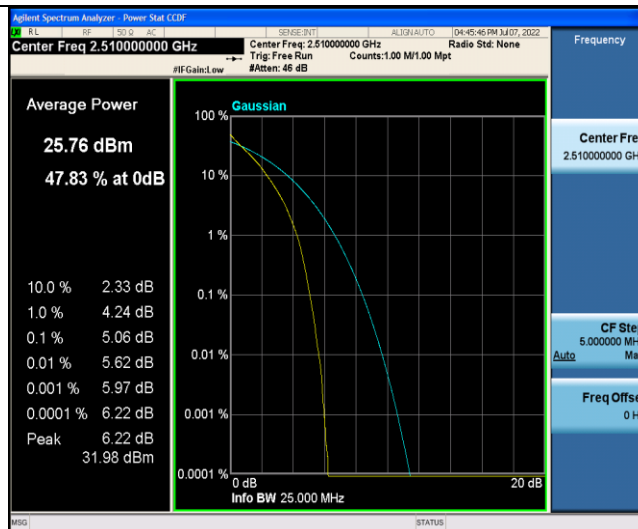
Band7-15MHz-16QAM-21100-75RB#0



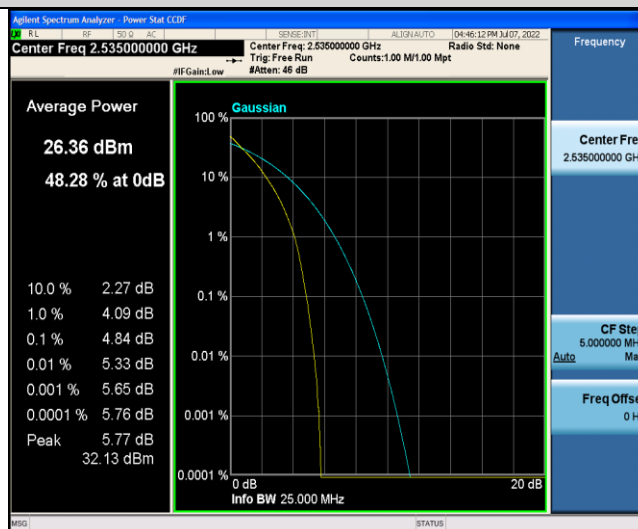
Band7-15MHz-16QAM-21375-75RB#0



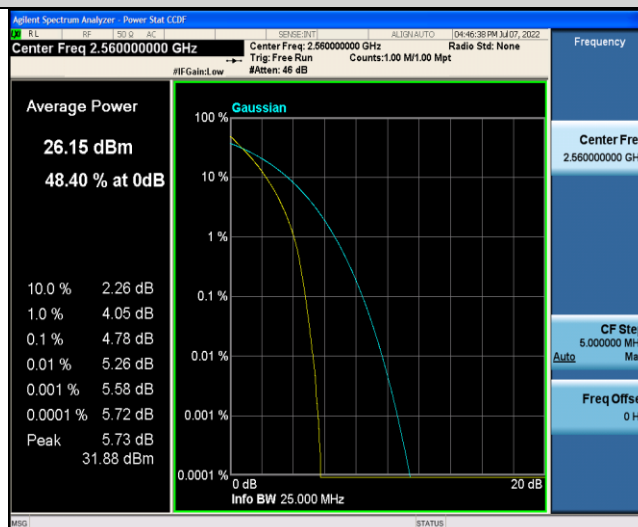
Band7-20MHz-QPSK-20850-100RB#0



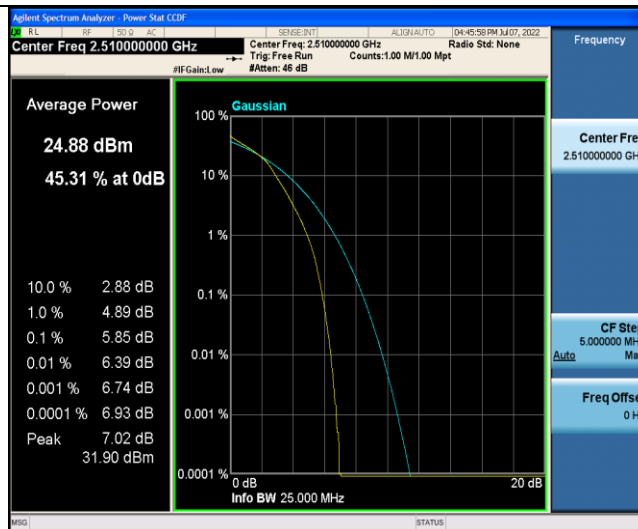
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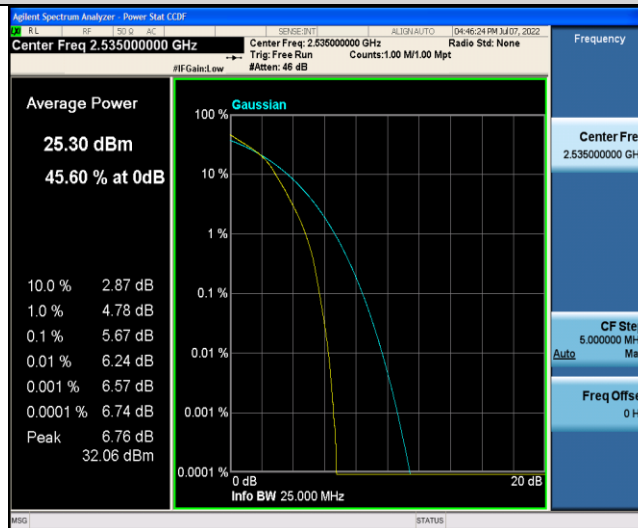
Band7-20MHz-QPSK-21350-100RB#0



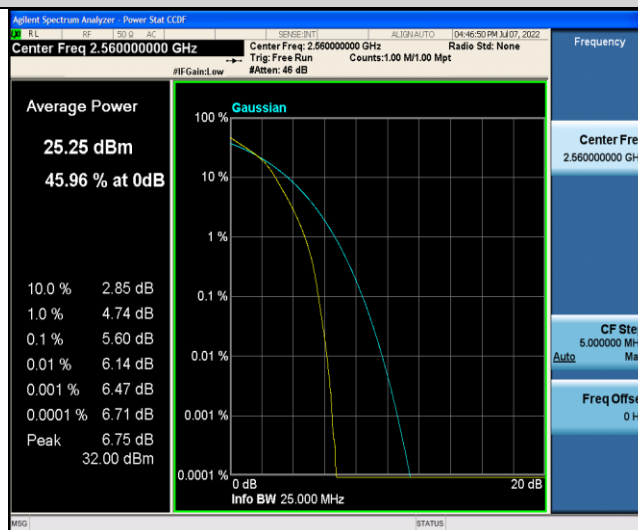
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



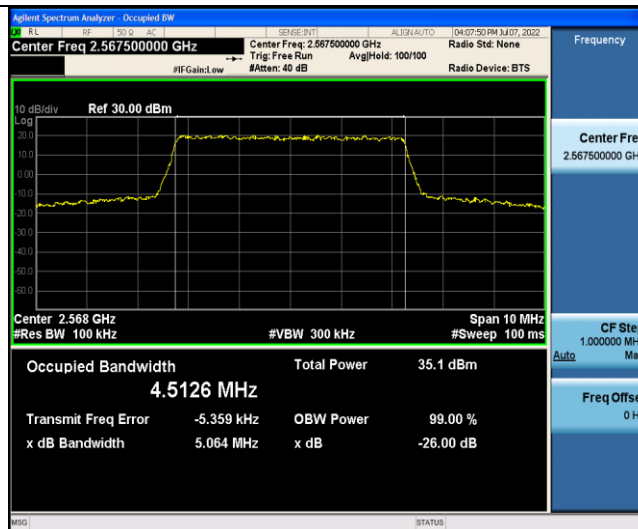
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

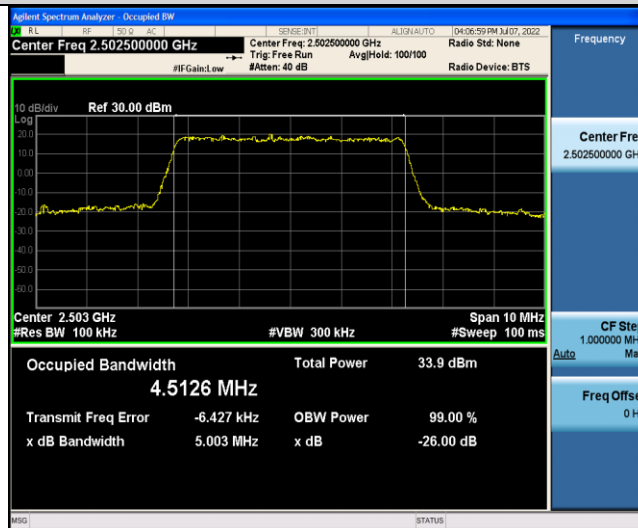
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5186	5.033	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5032	5.029	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5126	5.064	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5126	5.003	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5278	5.051	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5336	5.034	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9959	10.02	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9730	9.930	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9733	9.853	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9772	9.845	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9847	9.880	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9632	9.858	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.516	14.86	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.461	14.78	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.438	14.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.502	14.75	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	14.82	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.469	14.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.971	19.50	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.947	19.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.920	19.48	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.966	19.53	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.910	19.50	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.935	19.53	PASS

Test Graphs

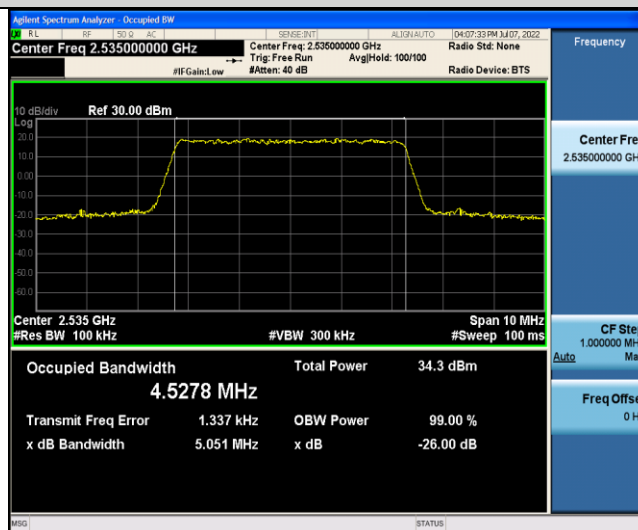




Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-25RB#0



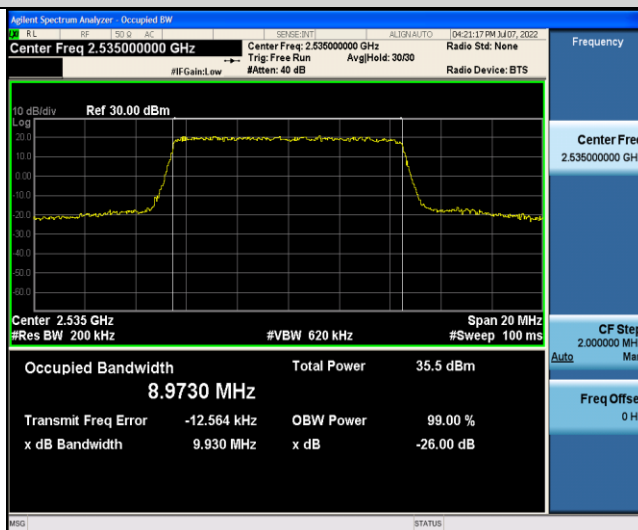
Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-50RB#0



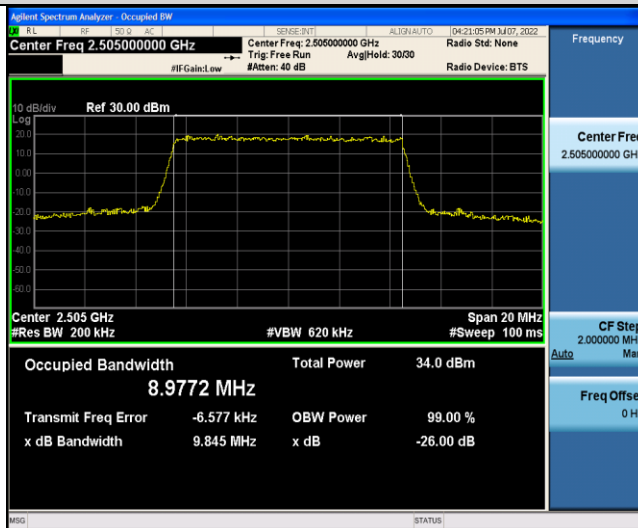
Band7-10MHz-QPSK-21100-50RB#0



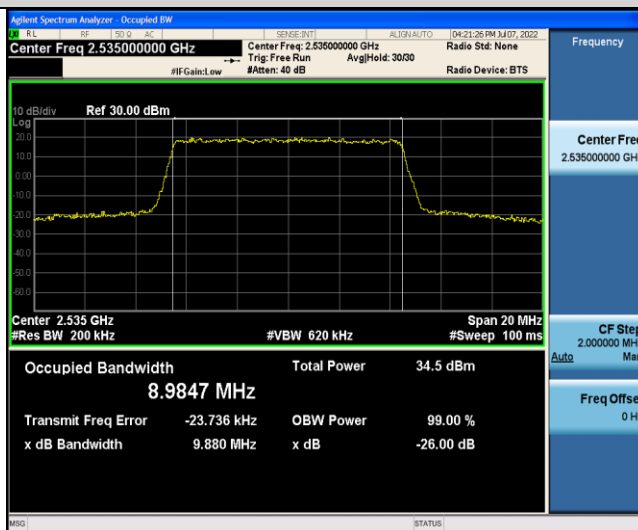
Band7-10MHz-QPSK-21400-50RB#0



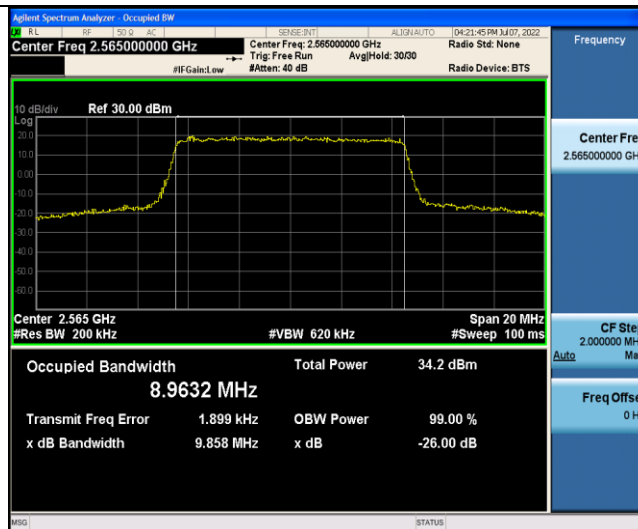
Band7-10MHz-16QAM-20800-50RB#0



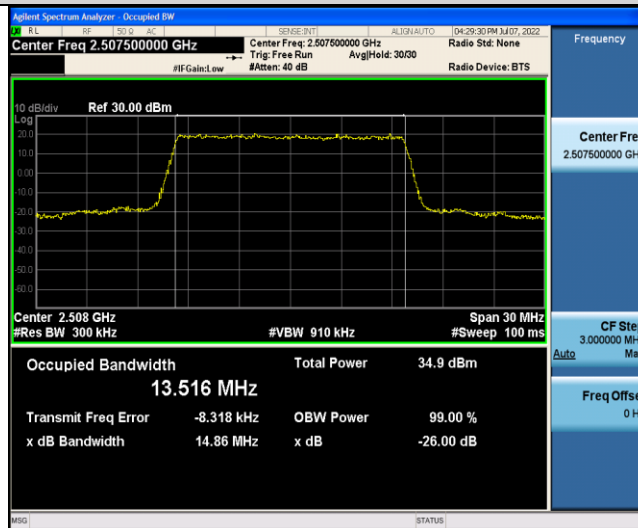
Band7-10MHz-16QAM-21100-50RB#0



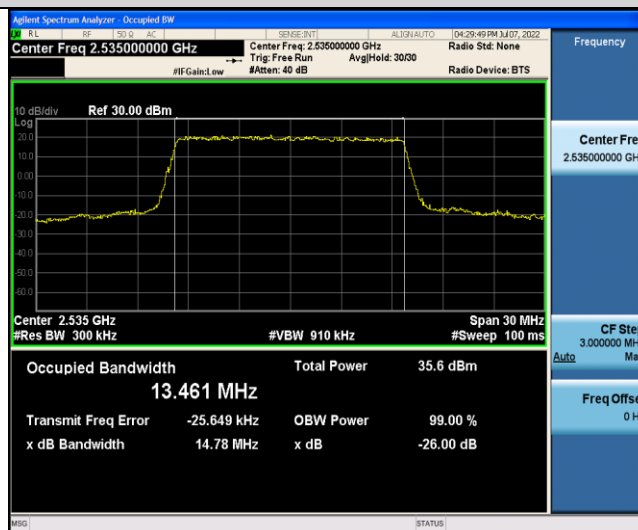
Band7-10MHz-16QAM-21400-50RB#0



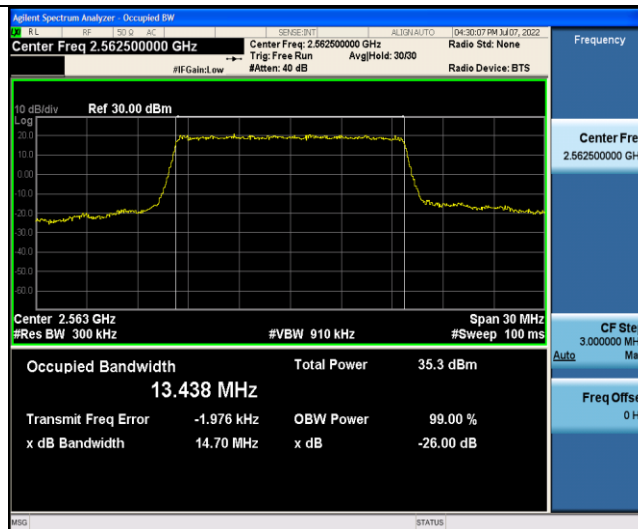
Band7-15MHz-QPSK-20825-75RB#0



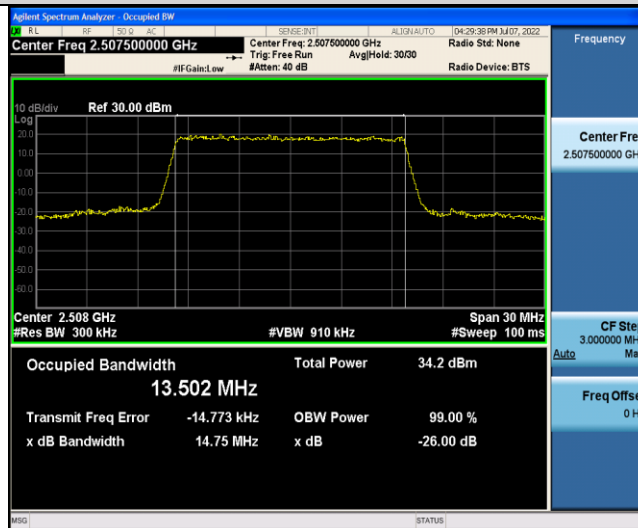
Band7-15MHz-QPSK-21100-75RB#0



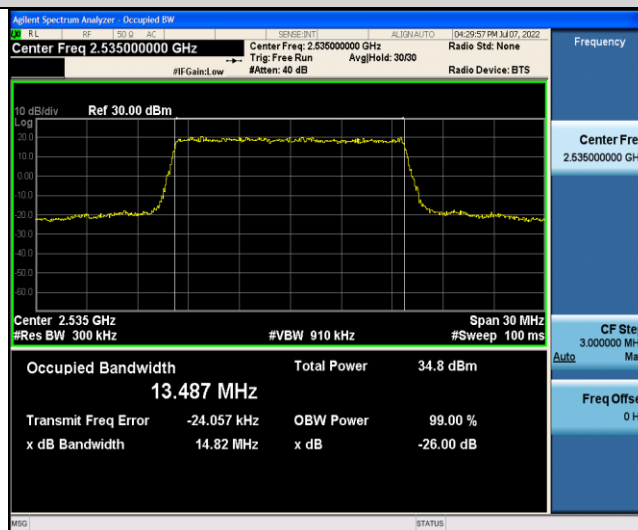
Band7-15MHz-QPSK-21375-75RB#0



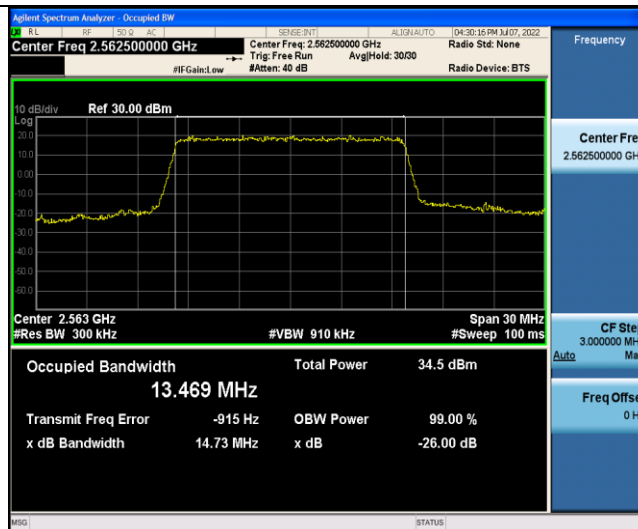
Band7-15MHz-16QAM-20825-75RB#0



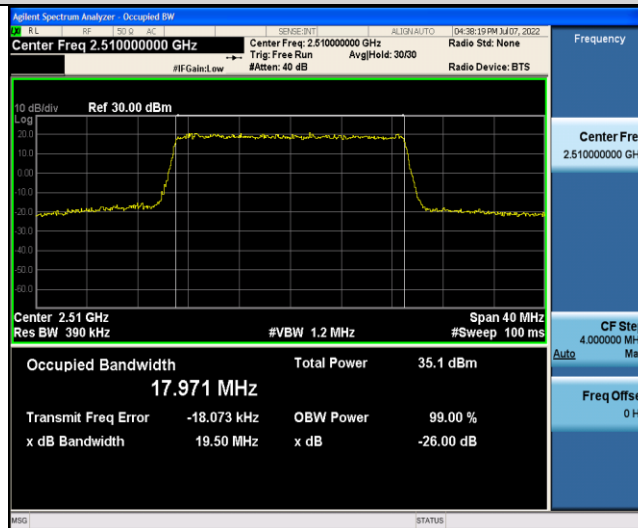
Band7-15MHz-16QAM-21100-75RB#0



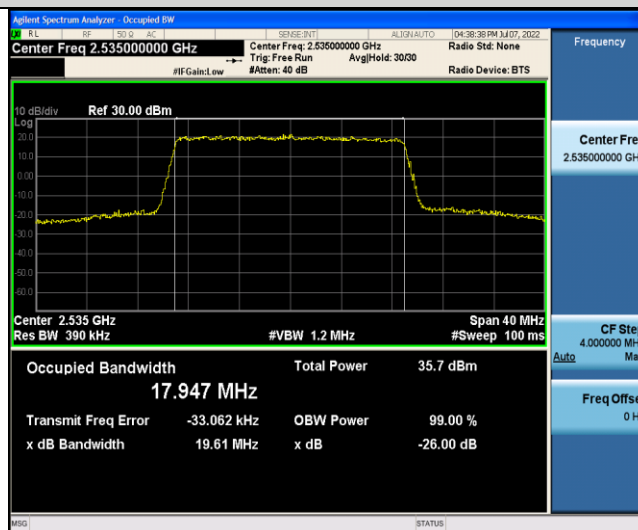
Band7-15MHz-16QAM-21375-75RB#0



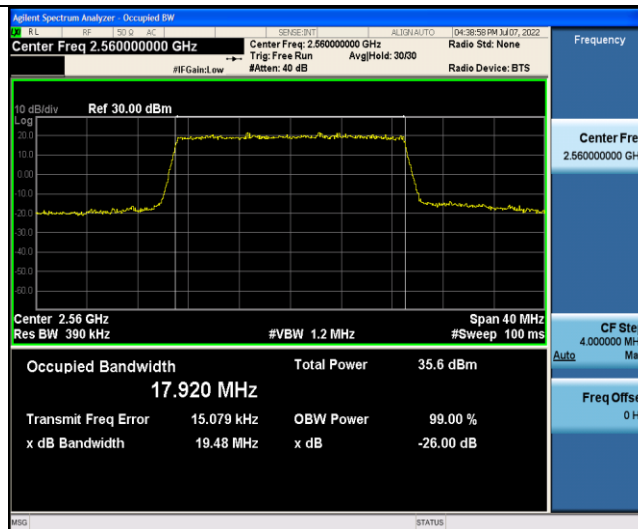
Band7-20MHz-QPSK-20850-100RB#0



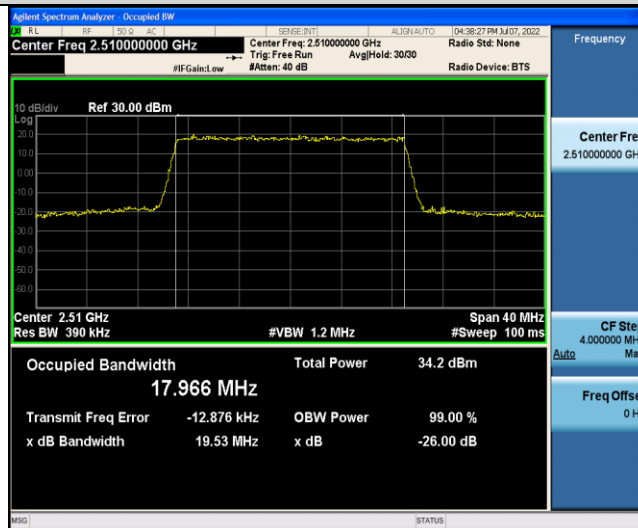
Band7-20MHz-QPSK-21100-100RB#0



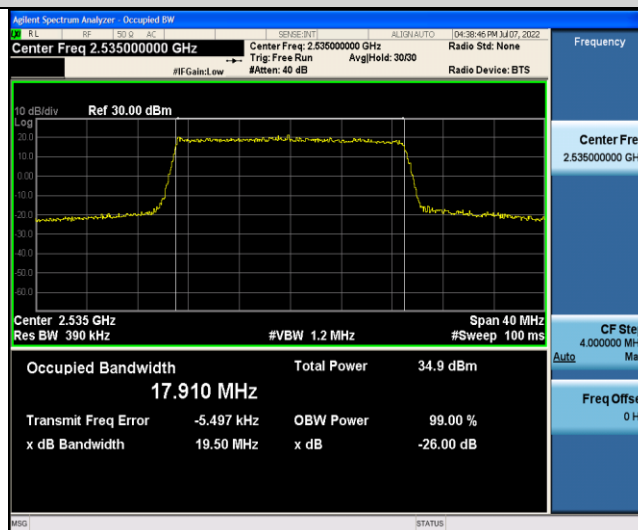
Band7-20MHz-QPSK-21350-100RB#0



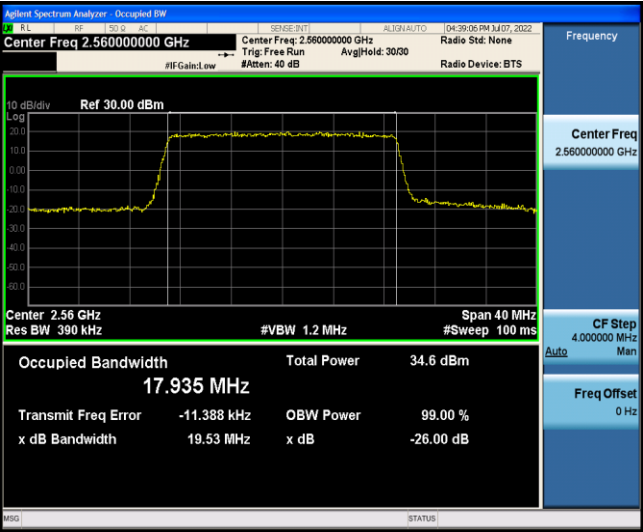
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-38.99,-30.85,-25.95,-20.09	PASS
Band7	5MHz	QPSK	21425	25RB#0	-18.90,-24.10,-42.10,-42.51	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.62,-34.92,-27.83,-20.14	PASS
Band7	5MHz	16QAM	21425	25RB#0	-20.28,-25.17,-41.44,-43.27	PASS
Band7	10MHz	QPSK	20800	50RB#0	-39.36,-30.72,-27.76,-22.44	PASS
Band7	10MHz	QPSK	21400	50RB#0	-20.34,-23.83,-29.35,-42.05	PASS
Band7	10MHz	16QAM	20800	50RB#0	-38.42,-31.31,-28.91,-23.94	PASS
Band7	10MHz	16QAM	21400	50RB#0	-22.33,-25.34,-30.71,-41.31	PASS
Band7	15MHz	QPSK	20825	75RB#0	-31.88,-29.36,-27.76,-23.50	PASS
Band7	15MHz	QPSK	21375	75RB#0	-21.49,-23.89,-27.01,-42.10	PASS
Band7	15MHz	16QAM	20825	75RB#0	-34.05,-30.89,-28.84,-26.07	PASS
Band7	15MHz	16QAM	21375	75RB#0	-23.39,-25.34,-28.83,-41.97	PASS
Band7	20MHz	QPSK	20850	100RB#0	-30.62,-28.75,-27.09,-24.85	PASS
Band7	20MHz	QPSK	21350	100RB#0	-24.01,-25.58,-27.00,-40.22	PASS
Band7	20MHz	16QAM	20850	100RB#0	-31.40,-29.32,-27.62,-26.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	-25.40,-26.47,-27.71,-39.73	PASS