

FCC LTE Band7 Test Data

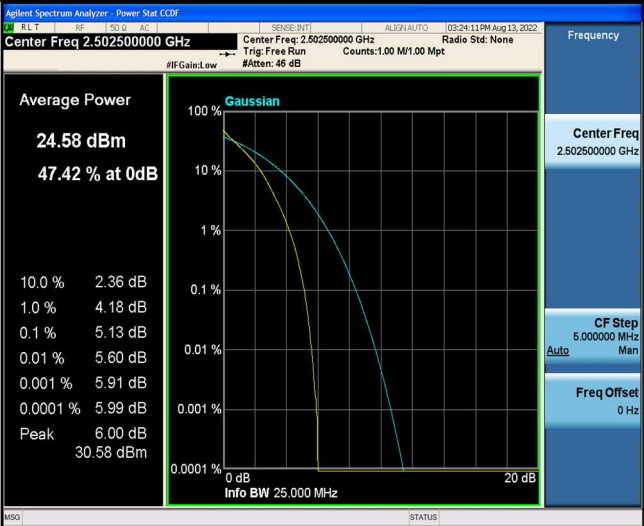
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

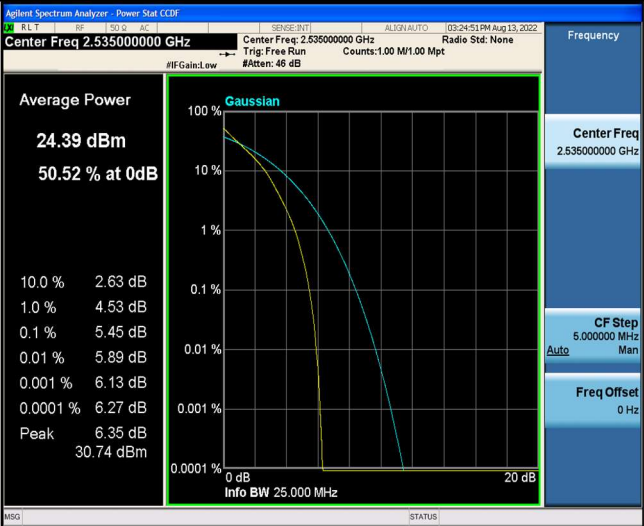
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.13	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.45	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.06	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	7.01	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	7.27	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	7.26	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.17	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.27	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.07	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	7.07	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	7.48	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	7.21	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.72	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.55	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.57	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	7.43	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	7.89	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	7.94	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.47	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.38	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.68	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	7.22	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	8.30	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.16	13	PASS

Test Graphs

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



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



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



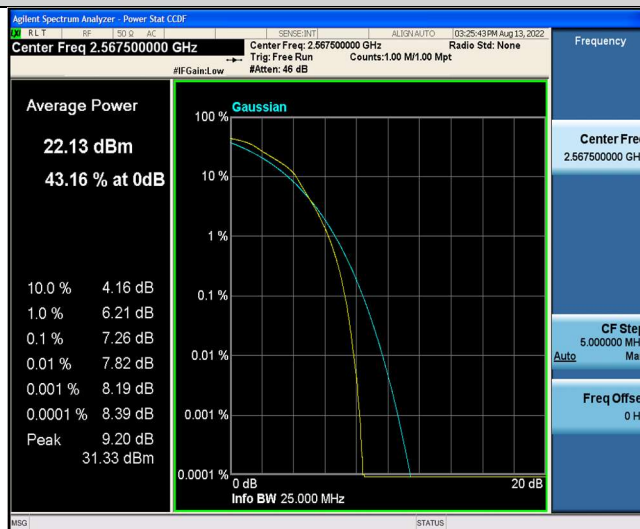
Band7-5MHz-16QAM-20775-25RB#0



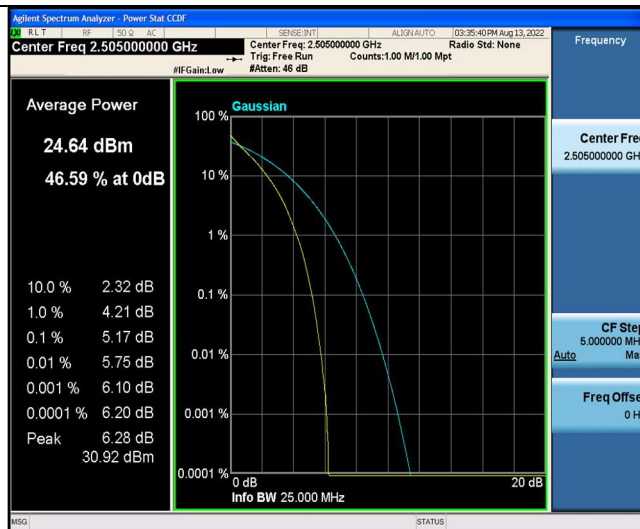
Band7-5MHz-16QAM-21100-25RB#0



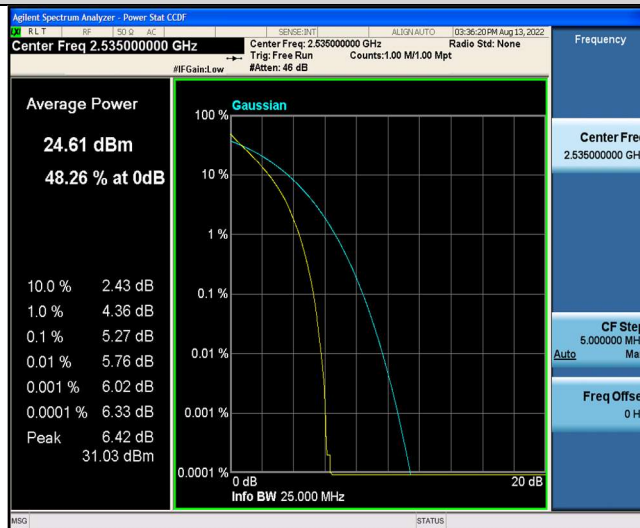
Band7-5MHz-16QAM-21425-25RB#0



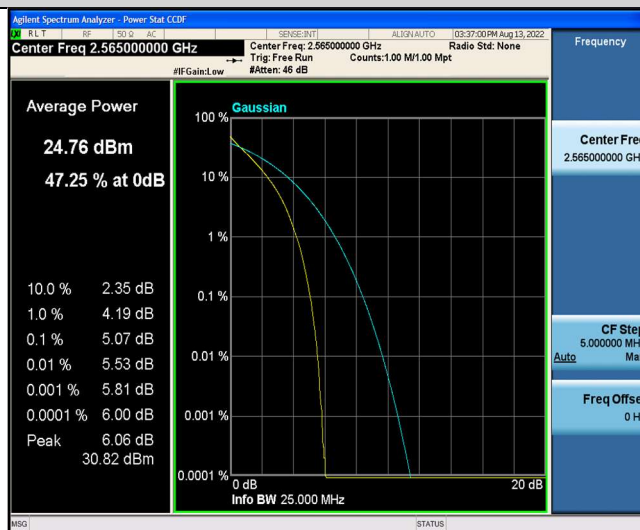
Band7-10MHz-QPSK-20800-50RB#0



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



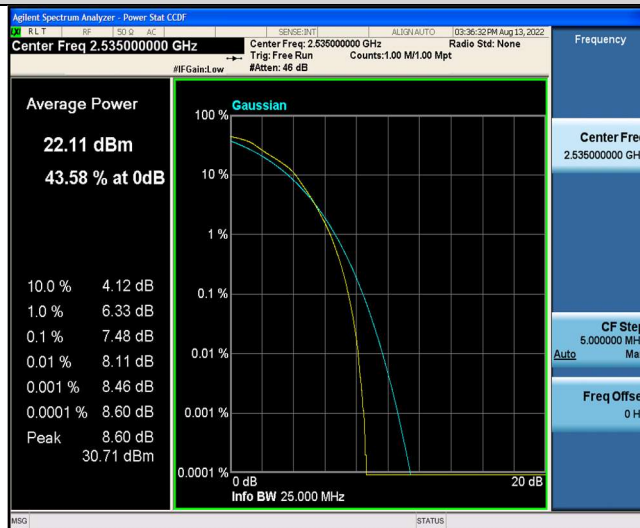
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Band7-10MHz-16QAM-20800-50RB#0



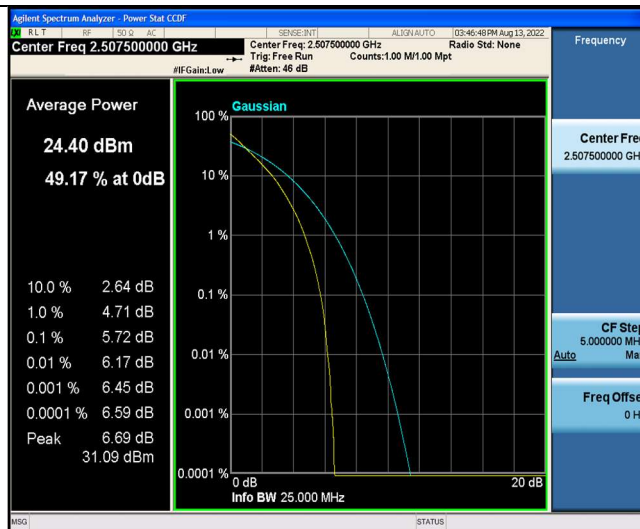
Band7-10MHz-16QAM-21100-50RB#0



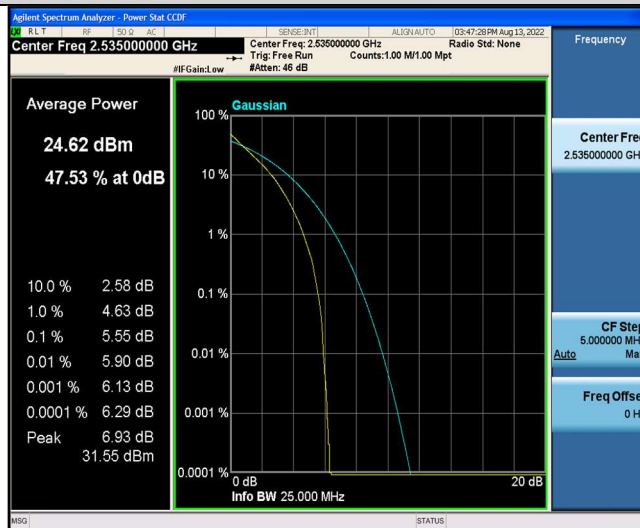
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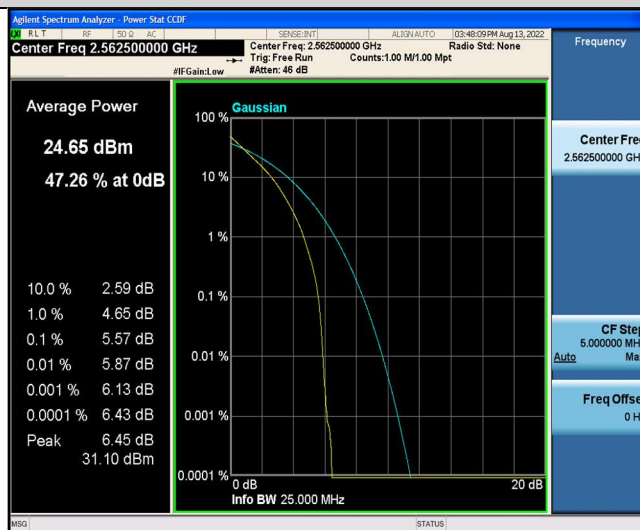
Band7-15MHz-QPSK-20825-75RB#0



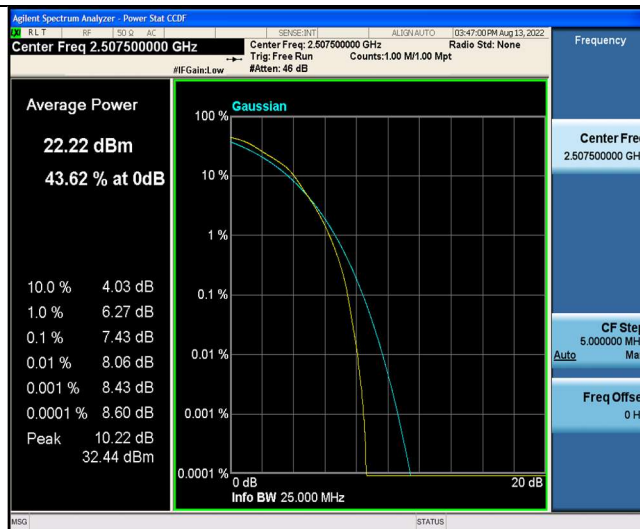
Band7-15MHz-QPSK-21100-75RB#0



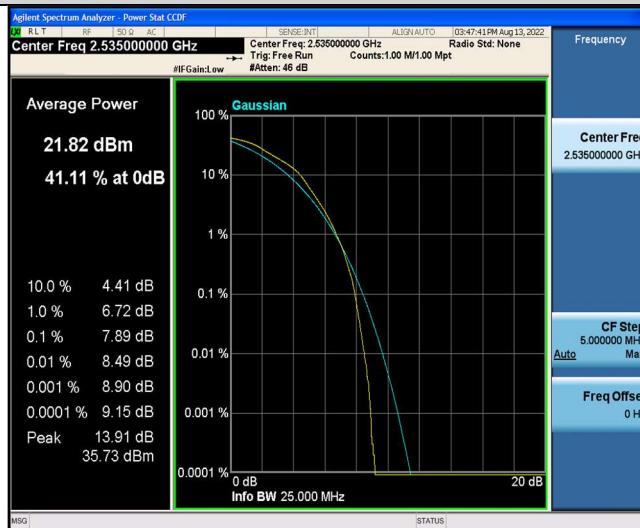
Band7-15MHz-QPSK-21375-75RB#0



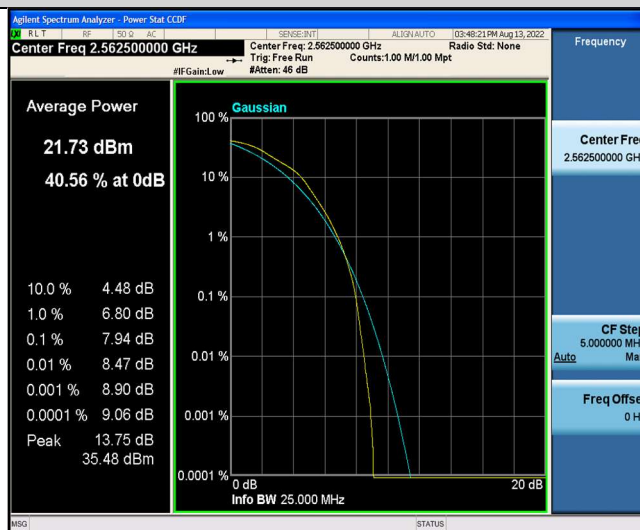
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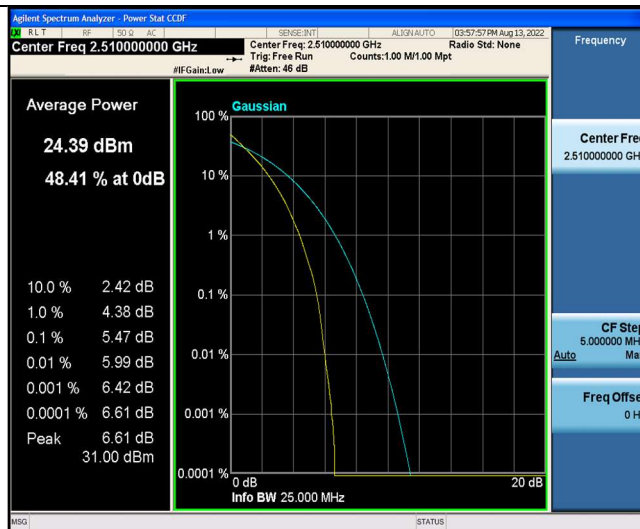
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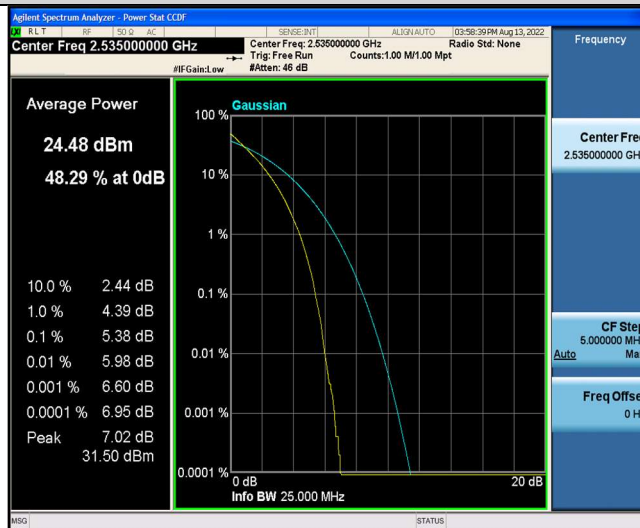
Band7-15MHz-16QAM-21375-75RB#0



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



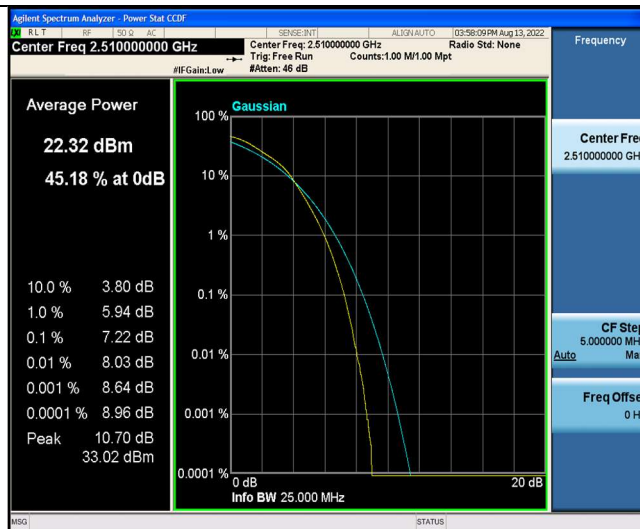
Band7-20MHz-QPSK-21100-100RB#0



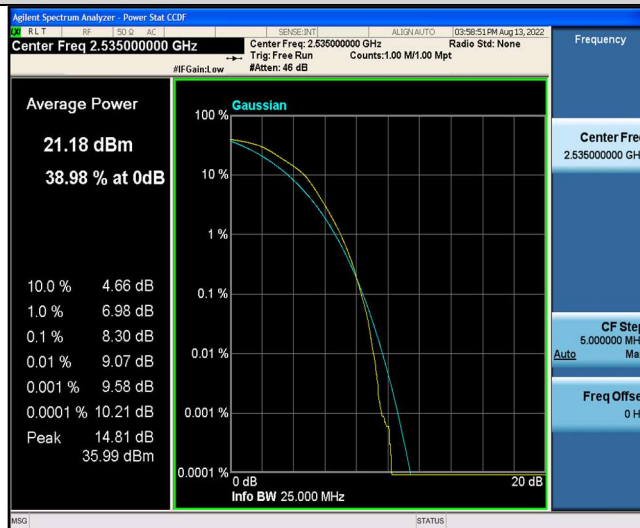
Band7-20MHz-QPSK-21350-100RB#0



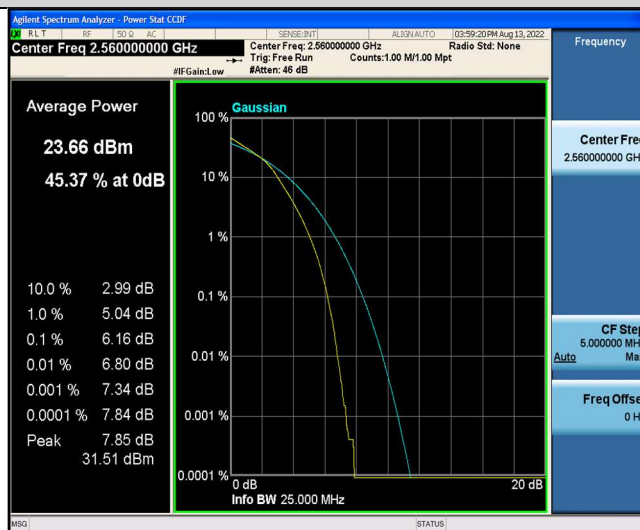
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Band7-20MHz-16QAM-21100-100RB#0



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



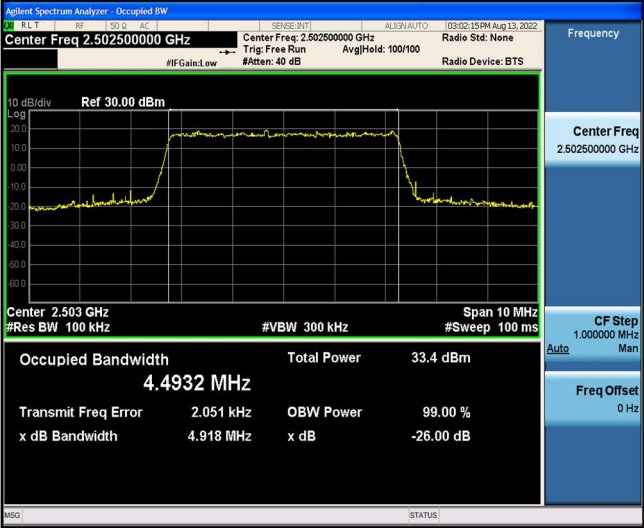
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4932	4.918	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4971	4.929	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5034	4.945	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5005	4.967	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5029	5.079	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4881	4.908	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9959	9.830	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9695	9.722	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9869	9.885	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9943	9.777	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9709	9.796	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9811	9.797	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.472	14.76	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.455	14.73	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.426	14.69	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.455	14.61	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.456	14.62	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	14.57	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.930	19.25	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.942	19.53	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.968	19.41	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.953	19.35	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.940	19.40	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.955	20.07	PASS

Test Graphs

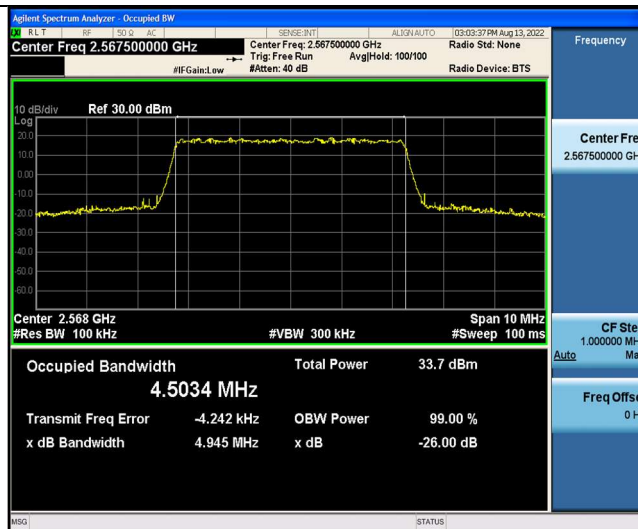
Band7-5MHz-QPSK-20775-25RB#0



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



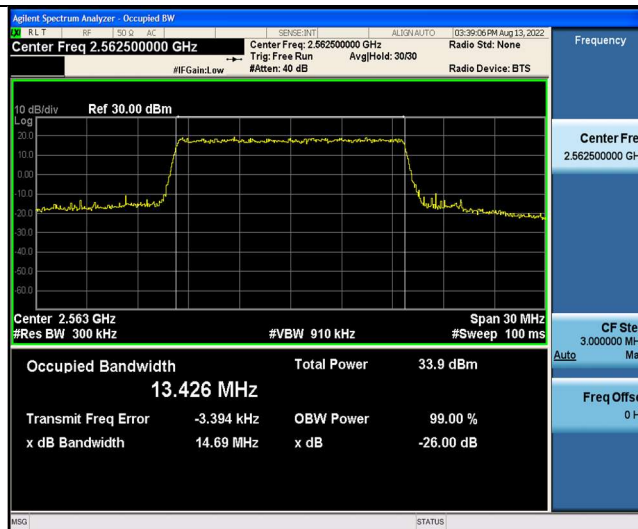
Band7-15MHz-QPSK-20825-75RB#0



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



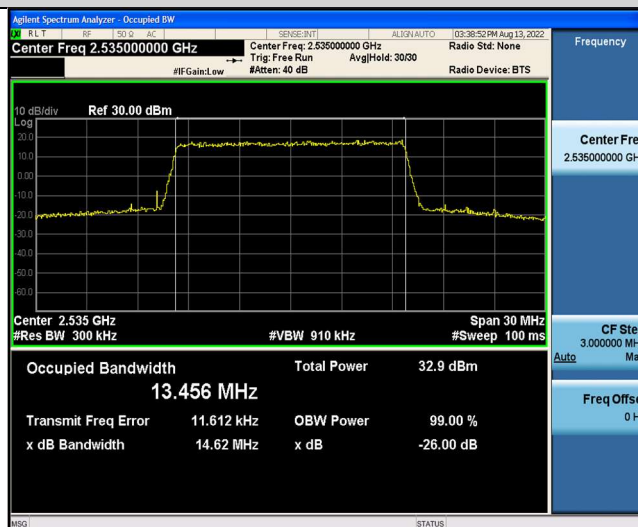
Band7-15MHz-QPSK-21375-75RB#0



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



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



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



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



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	-42.68,-33.08,-27.44,-23.46	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.91,-27.90,-39.53,-42.70	PASS
Band7	5MHz	16QAM	20775	25RB#0	-44.88,-38.07,-29.44,-25.71	PASS
Band7	5MHz	16QAM	21425	25RB#0	-26.05,-29.75,-42.19,-44.14	PASS
Band7	10MHz	QPSK	20800	50RB#0	-41.75,-29.87,-26.43,-25.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-25.45,-27.09,-31.92,-39.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.99,-31.43,-28.55,-27.32	PASS
Band7	10MHz	16QAM	21400	50RB#0	-27.93,-29.36,-34.16,-41.61	PASS
Band7	15MHz	QPSK	20825	75RB#0	-35.98,-28.58,-25.03,-25.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	-25.55,-25.14,-30.02,-43.19	PASS
Band7	15MHz	16QAM	20825	75RB#0	-38.69,-30.18,-27.88,-27.30	PASS
Band7	15MHz	16QAM	21375	75RB#0	-27.43,-27.73,-32.12,-46.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.39,-28.57,-26.84,-26.12	PASS
Band7	20MHz	QPSK	21350	100RB#0	-26.78,-28.09,-31.06,-41.54	PASS
Band7	20MHz	16QAM	20850	100RB#0	-34.61,-29.12,-27.34,-26.66	PASS
Band7	20MHz	16QAM	21350	100RB#0	-26.80,-27.99,-30.45,-41.63	PASS