

FCC LTE Band5 Test Data

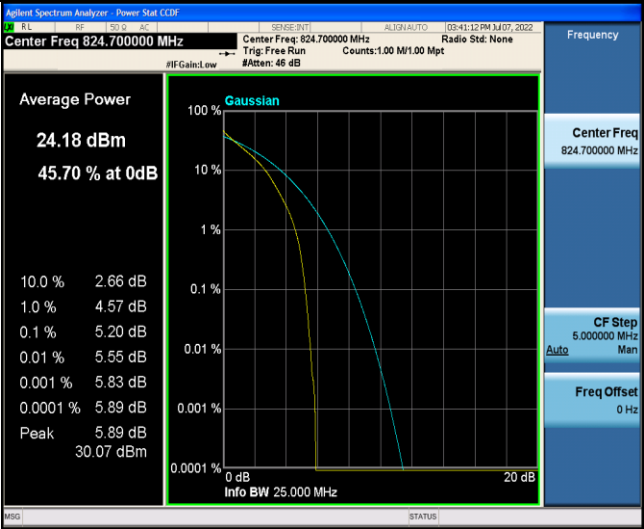
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

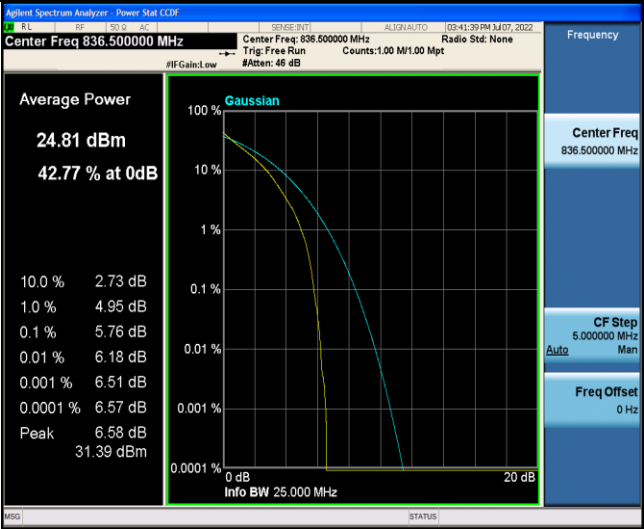
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.20	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.76	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.37	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.01	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.55	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.24	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.38	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.86	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.49	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.21	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.66	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.34	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.44	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.43	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.20	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.59	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.27	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.59	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.84	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.49	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.36	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.62	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.30	13	PASS

Test Graphs

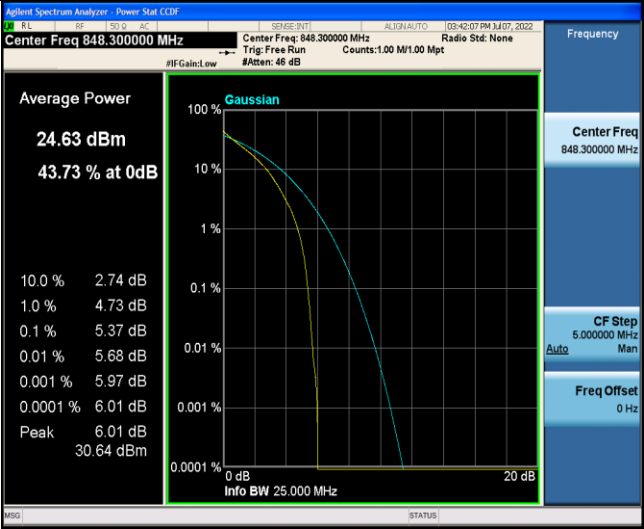
Band5-1.4MHz-QPSK-20407-6RB#0



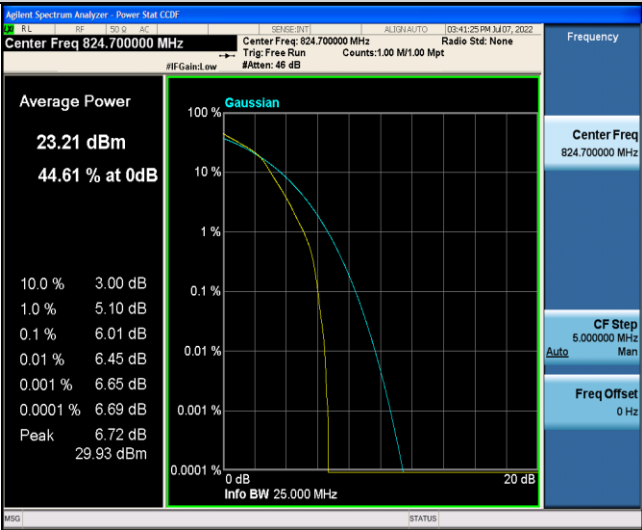
Band5-1.4MHz-QPSK-20525-6RB#0



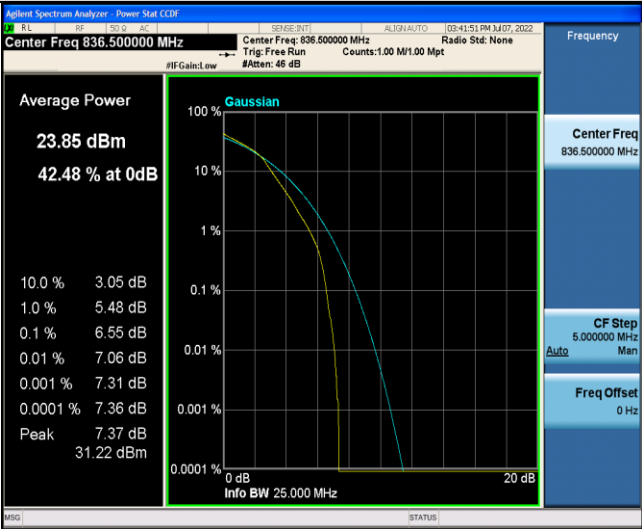
Band5-1.4MHz-QPSK-20643-6RB#0



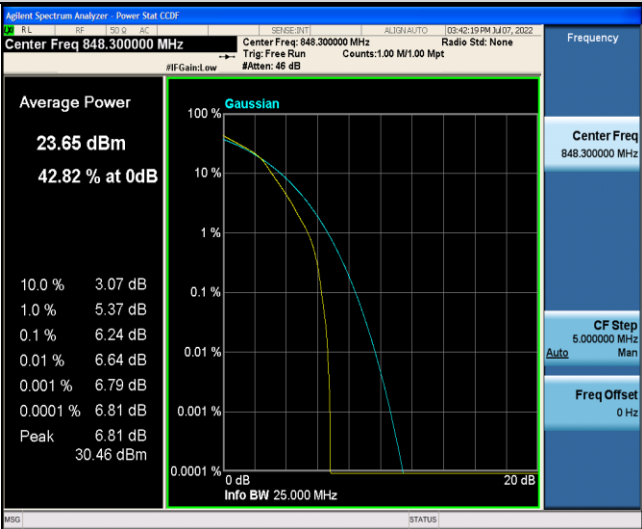
Band5-1.4MHz-16QAM-20407-6RB#0



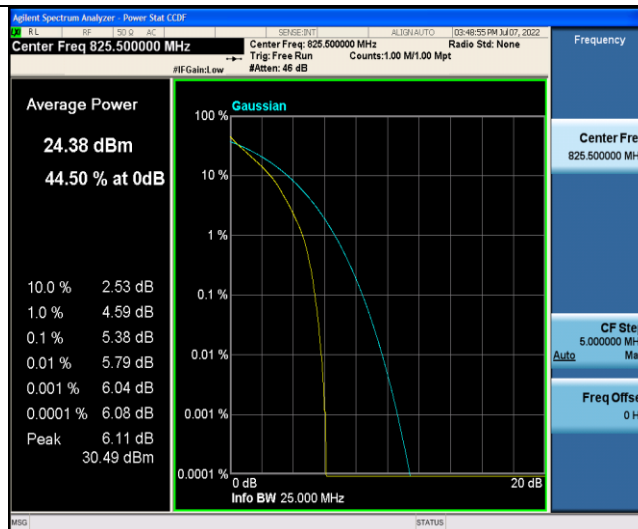
Band5-1.4MHz-16QAM-20525-6RB#0



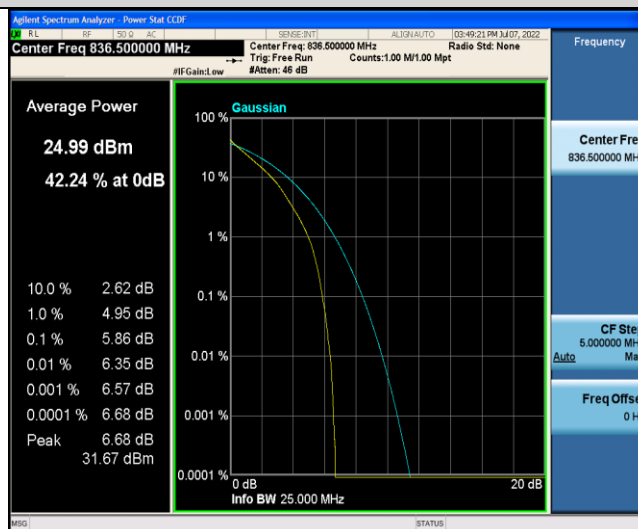
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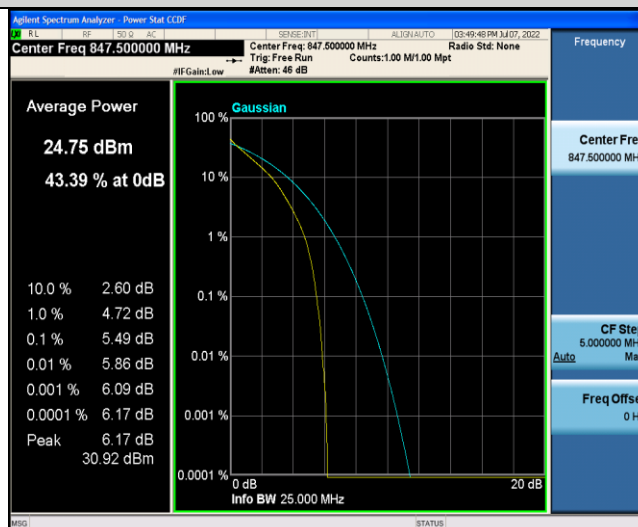
Band5-3MHz-QPSK-20415-15RB#0



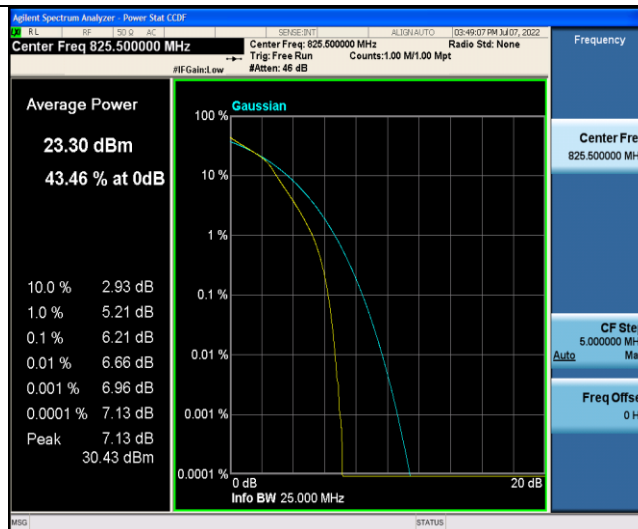
Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-15RB#0



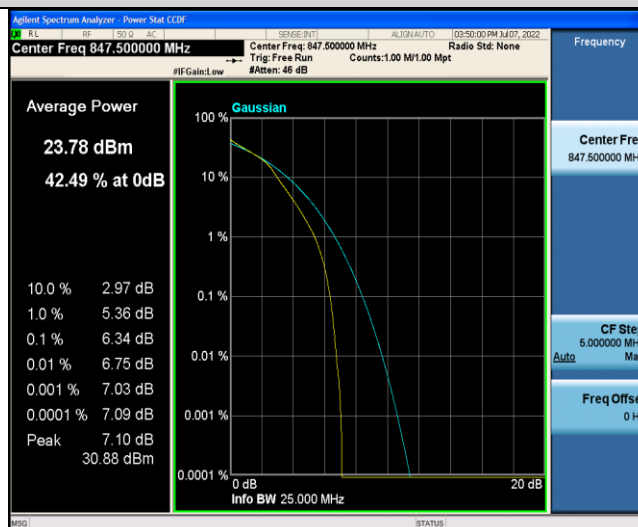
Band5-3MHz-16QAM-20415-15RB#0



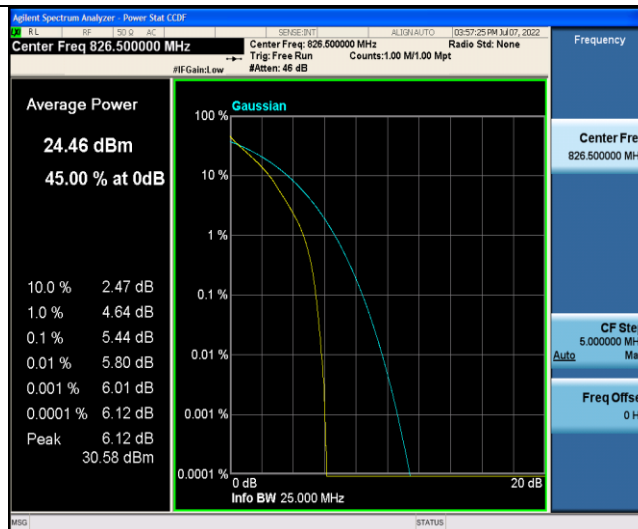
Band5-3MHz-16QAM-20525-15RB#0



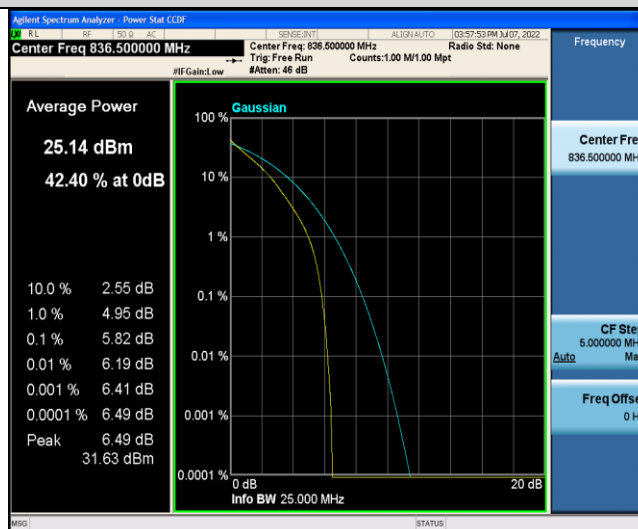
Band5-3MHz-16QAM-20635-15RB#0



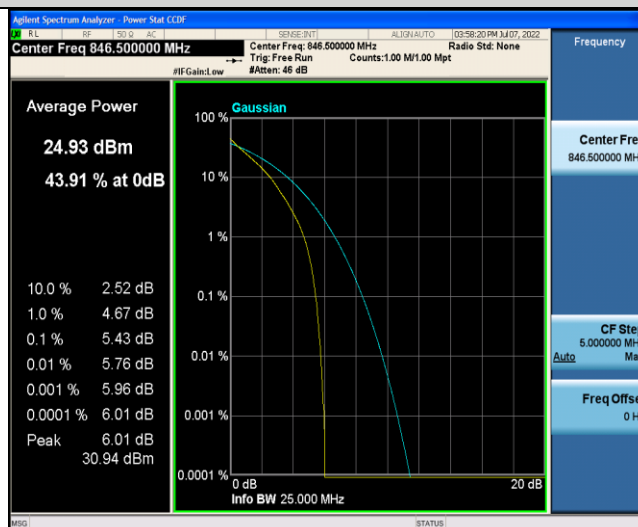
Band5-5MHz-QPSK-20425-25RB#0



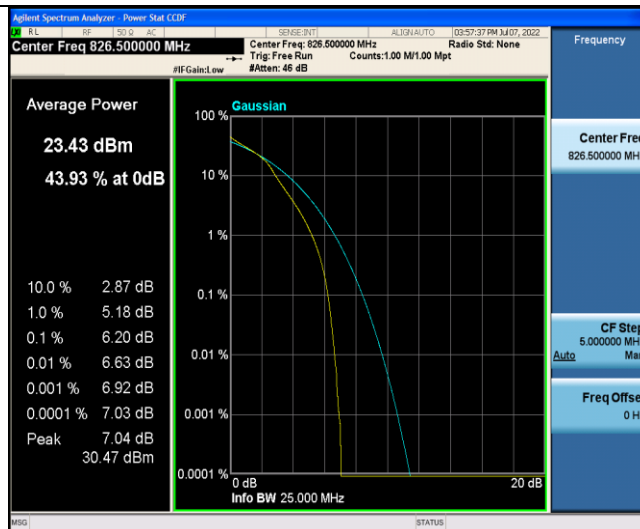
Band5-5MHz-QPSK-20525-25RB#0



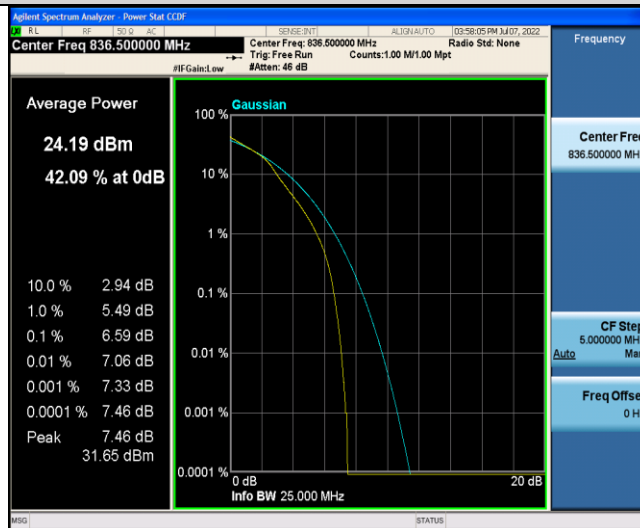
Band5-5MHz-QPSK-20625-25RB#0



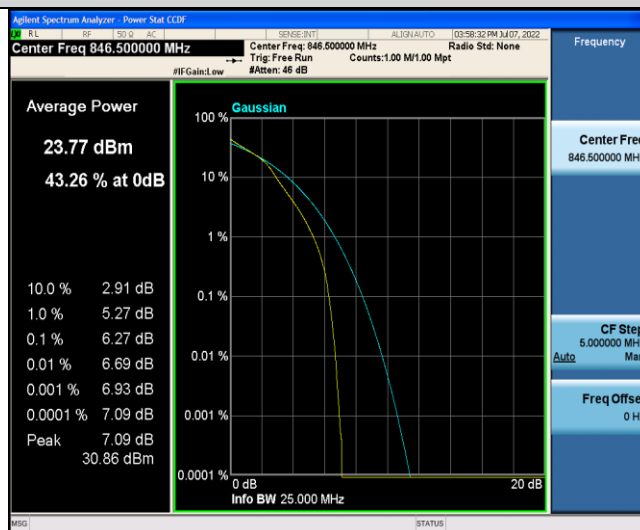
Band5-5MHz-16QAM-20425-25RB#0



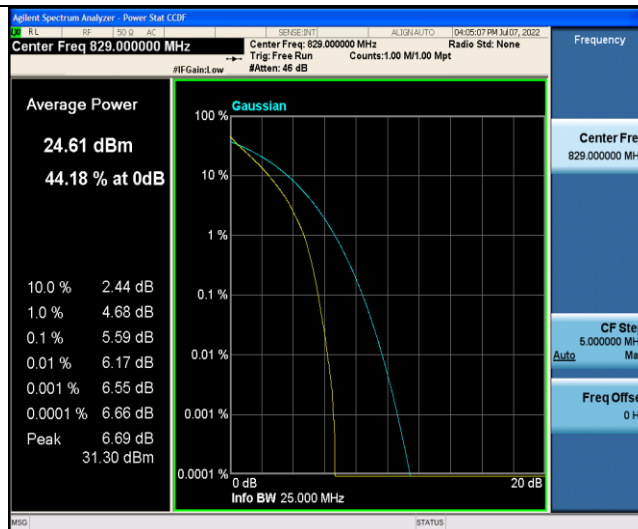
Band5-5MHz-16QAM-20525-25RB#0



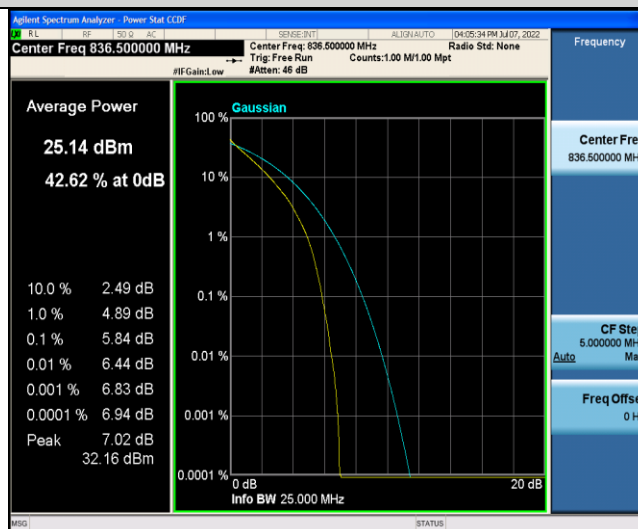
Band5-5MHz-16QAM-20625-25RB#0



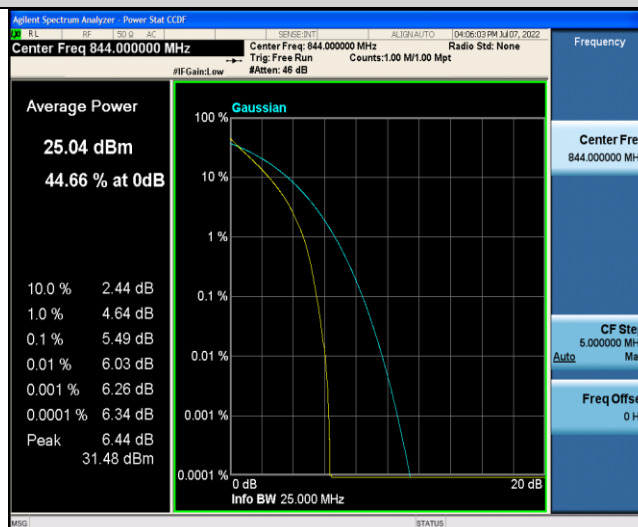
Band5-10MHz-QPSK-20450-50RB#0



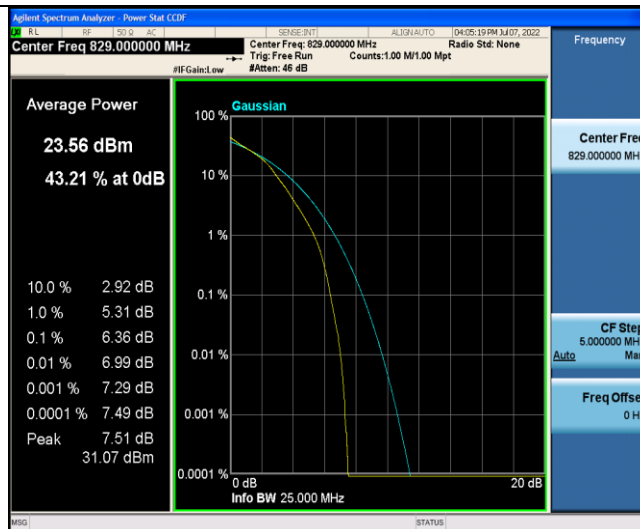
Band5-10MHz-QPSK-20525-50RB#0



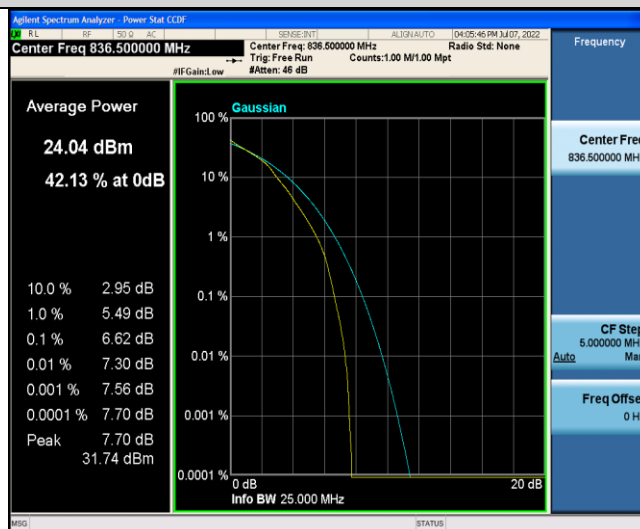
Band5-10MHz-QPSK-20600-50RB#0



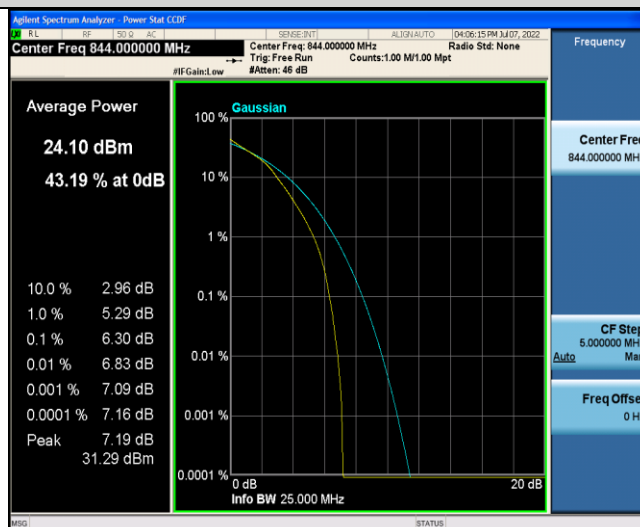
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



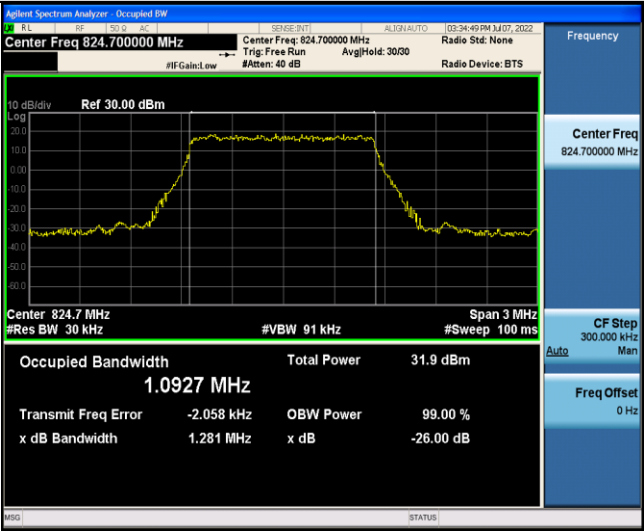
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

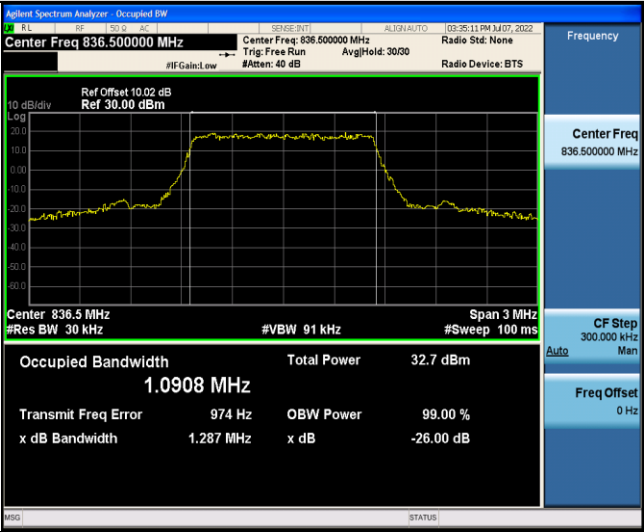
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0927	1.281	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0908	1.287	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0927	1.294	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0993	1.292	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0988	1.300	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1016	1.299	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7001	2.962	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7038	2.960	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7067	2.976	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7029	2.971	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7032	2.977	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7059	2.981	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5221	5.047	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5319	5.049	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5200	5.053	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5103	5.011	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5130	4.996	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5265	5.065	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0009	9.925	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0081	9.952	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9816	9.962	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0046	9.886	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0016	9.900	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9690	9.824	PASS

Test Graphs

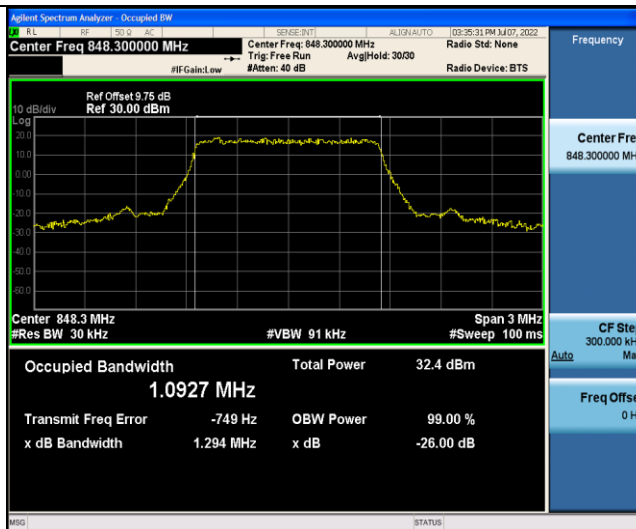
Band5-1.4MHz-QPSK-20407-6RB#0



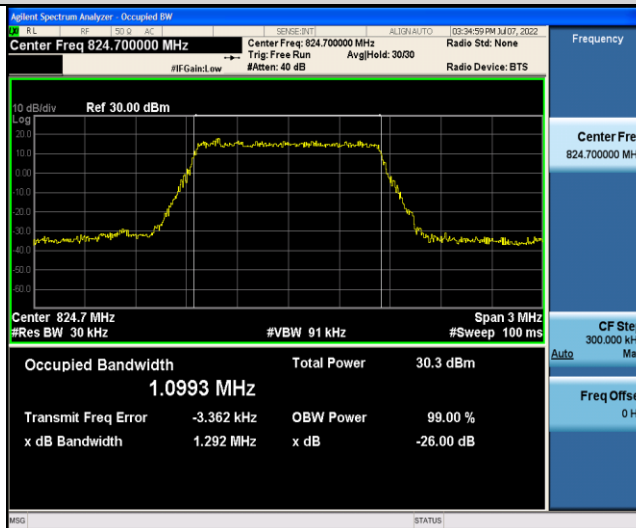
Band5-1.4MHz-QPSK-20525-6RB#0



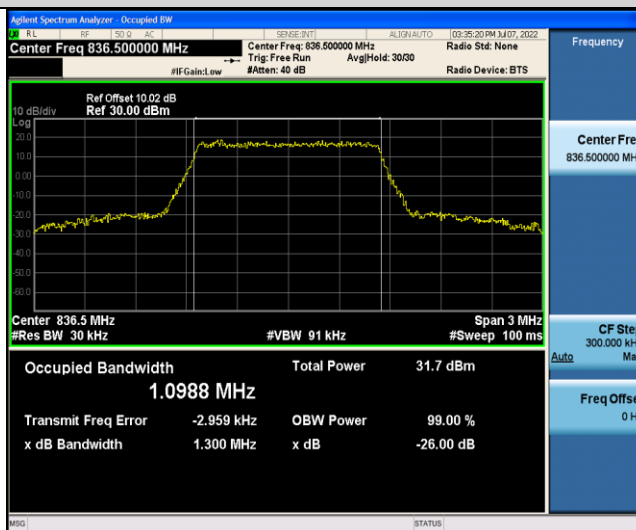
Band5-1.4MHz-QPSK-20643-6RB#0



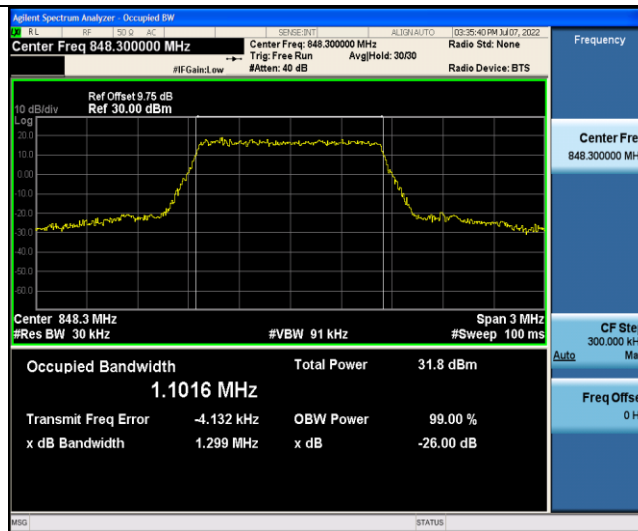
Band5-1.4MHz-16QAM-20407-6RB#0



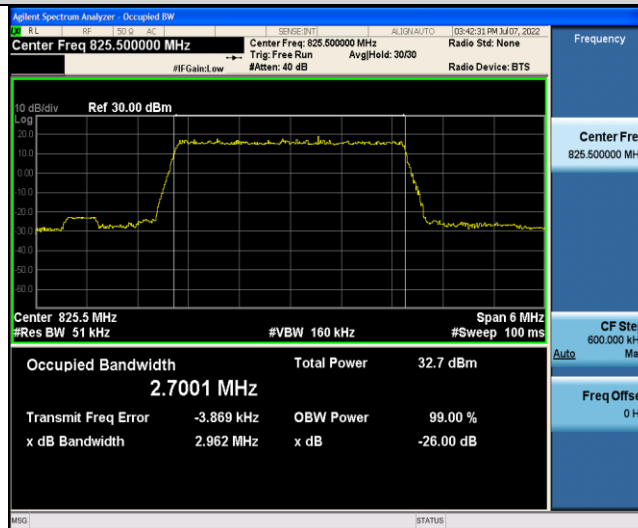
Band5-1.4MHz-16QAM-20525-6RB#0



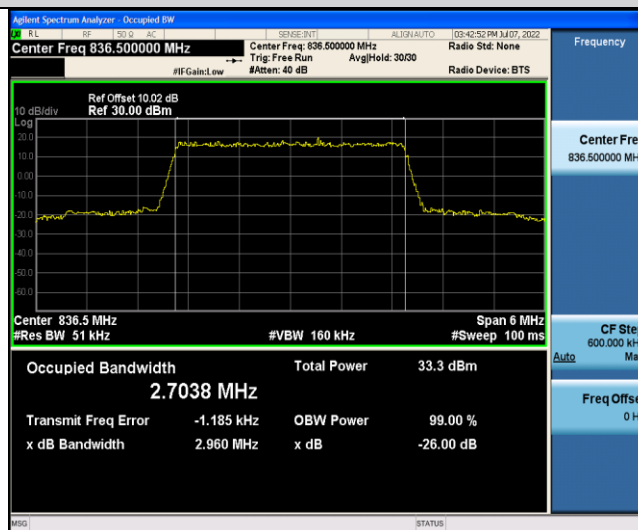
Band5-1.4MHz-16QAM-20643-6RB#0



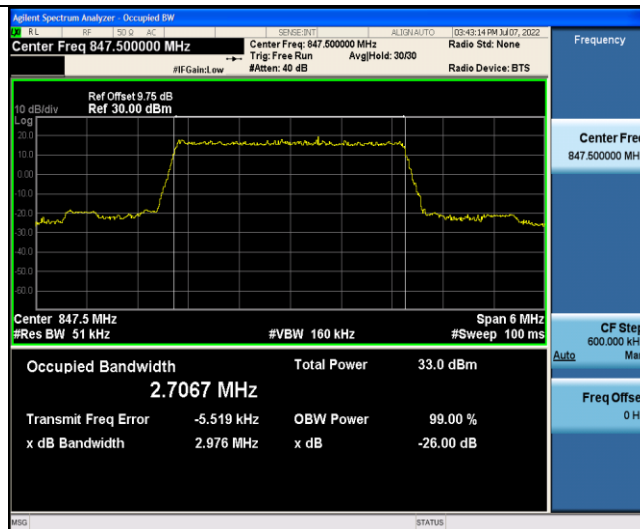
Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



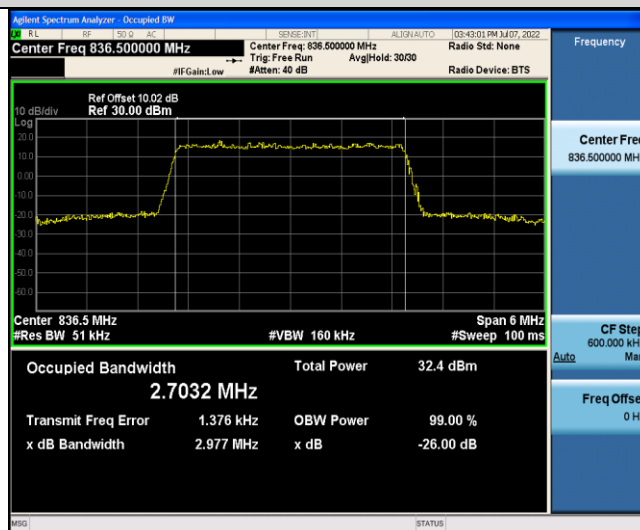
Band5-3MHz-QPSK-20635-15RB#0



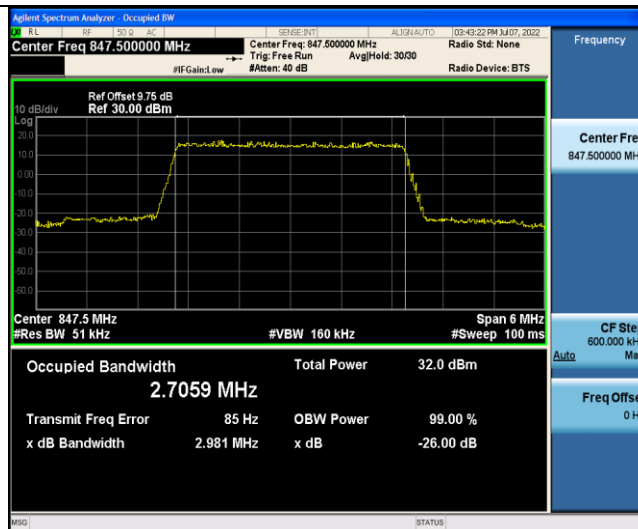
Band5-3MHz-16QAM-20415-15RB#0



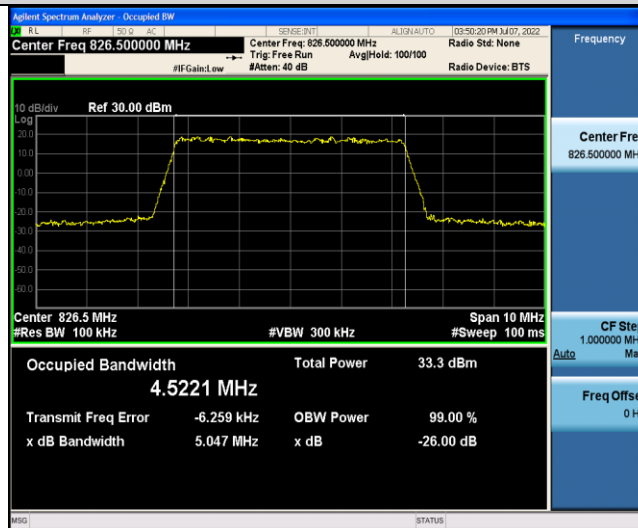
Band5-3MHz-16QAM-20525-15RB#0



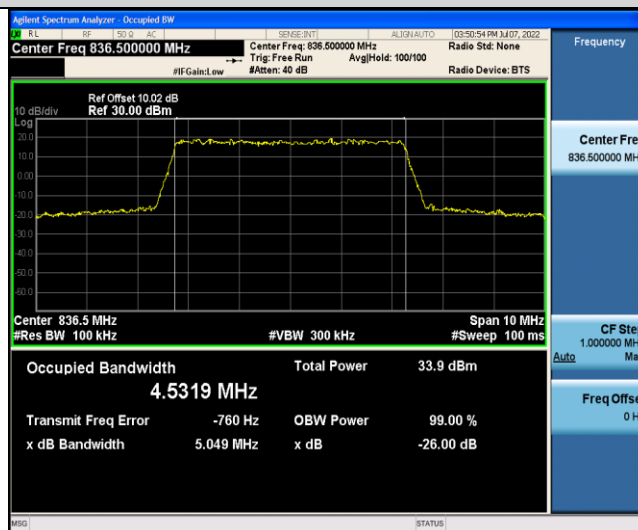
Band5-3MHz-16QAM-20635-15RB#0



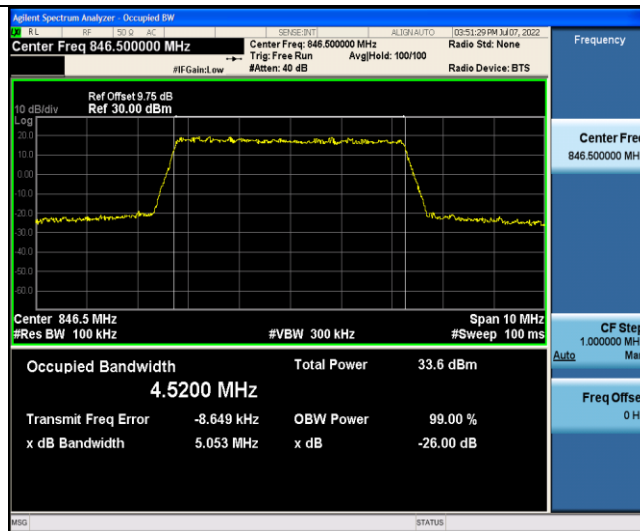
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



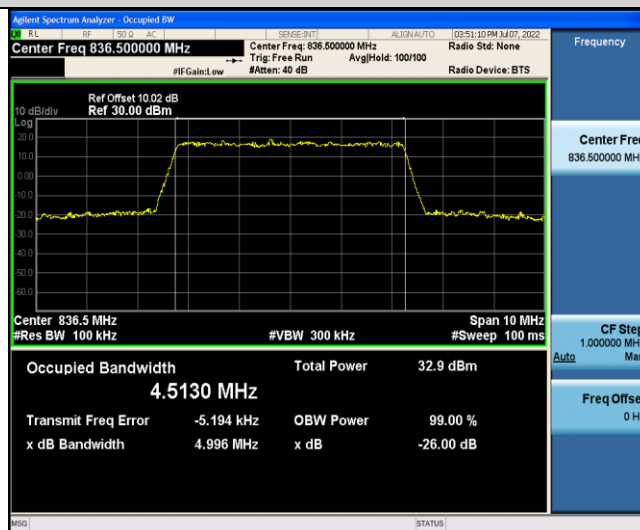
Band5-5MHz-QPSK-20625-25RB#0



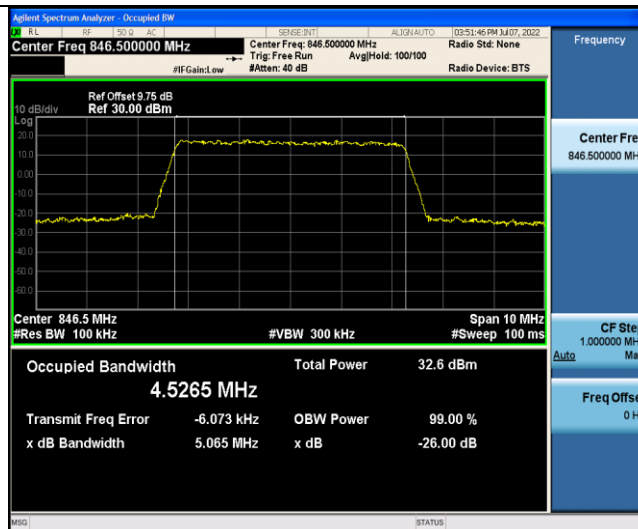
Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



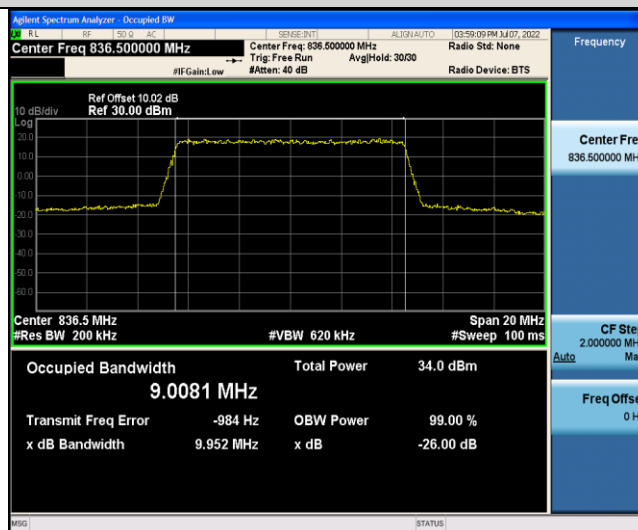
Band5-5MHz-16QAM-20625-25RB#0



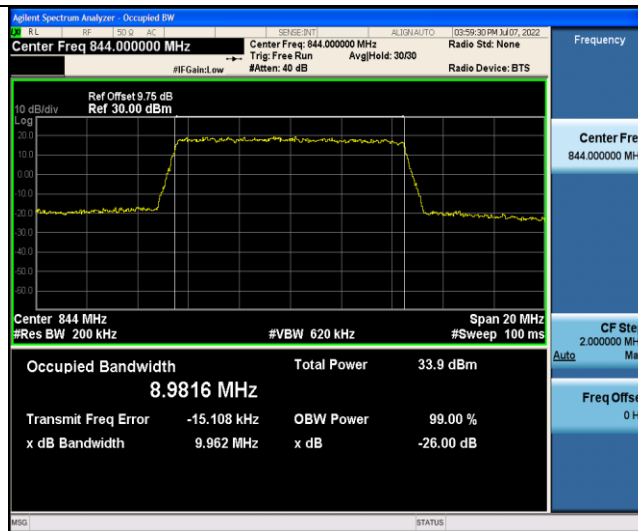
Band5-10MHz-QPSK-20450-50RB#0



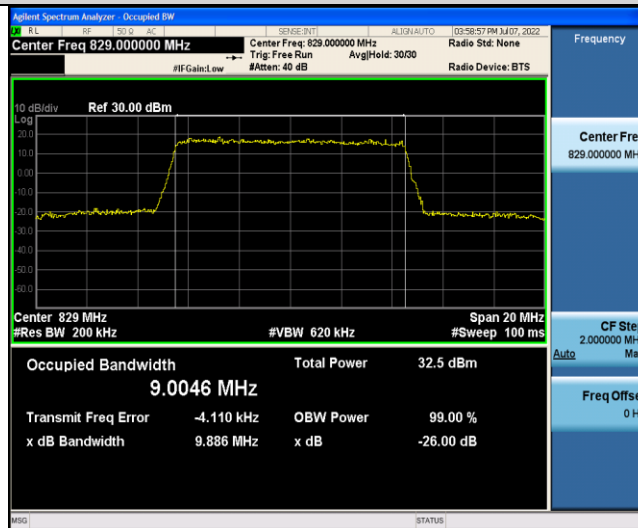
Band5-10MHz-QPSK-20525-50RB#0



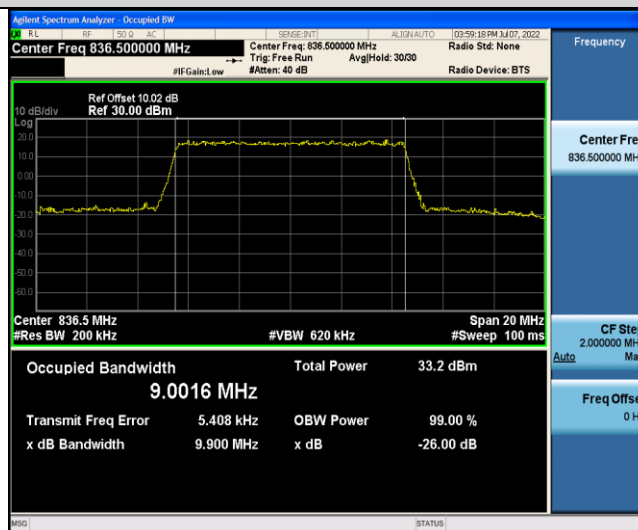
Band5-10MHz-QPSK-20600-50RB#0



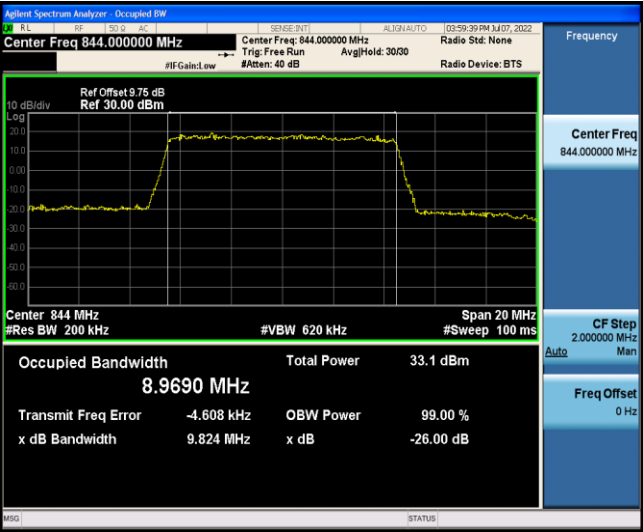
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-25.65	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.43	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.84	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.10	PASS
Band5	3MHz	QPSK	20415	15RB#0	-21.96	PASS
Band5	3MHz	QPSK	20635	15RB#0	-22.71	PASS
Band5	3MHz	16QAM	20415	15RB#0	-25.00	PASS
Band5	3MHz	16QAM	20635	15RB#0	-21.36	PASS
Band5	5MHz	QPSK	20425	25RB#0	-22.06	PASS
Band5	5MHz	QPSK	20625	25RB#0	-22.10	PASS
Band5	5MHz	16QAM	20425	25RB#0	-23.60	PASS
Band5	5MHz	16QAM	20625	25RB#0	-25.01	PASS