

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	6.19	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	8.40	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.20	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.11	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	7.76	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	7.40	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.61	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.61	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.36	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	7.90	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	8.44	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.84	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.77	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	6.63	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	7.44	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	7.69	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.41	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.45	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	7.74	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.42	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.19	13	PASS

Test Graphs

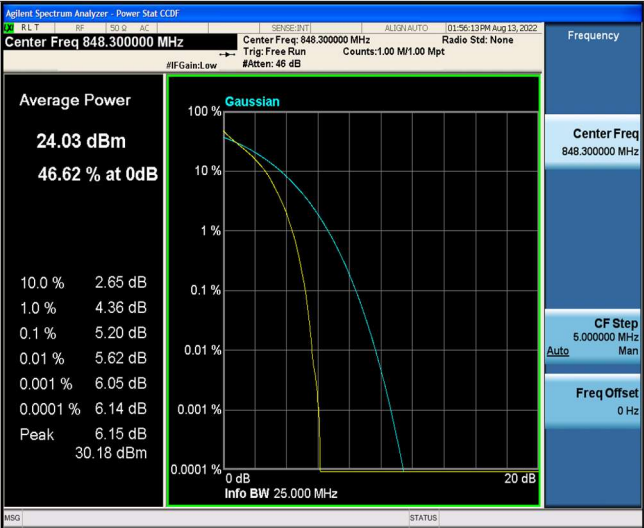
Band5-1.4MHz-QPSK-20407-6RB#0



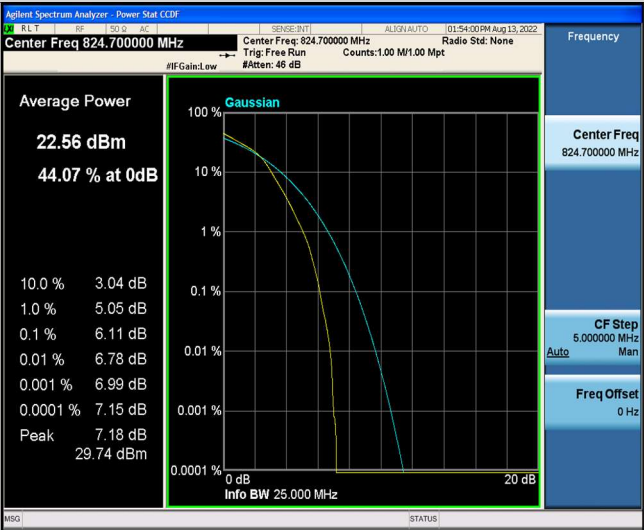
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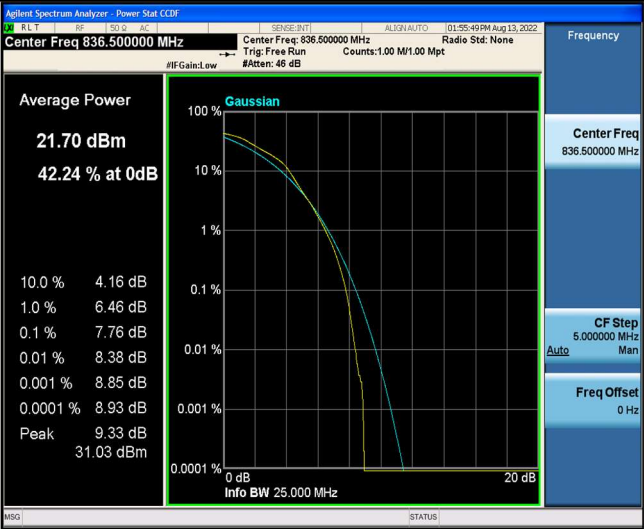
Band5-1.4MHz-QPSK-20643-6RB#0



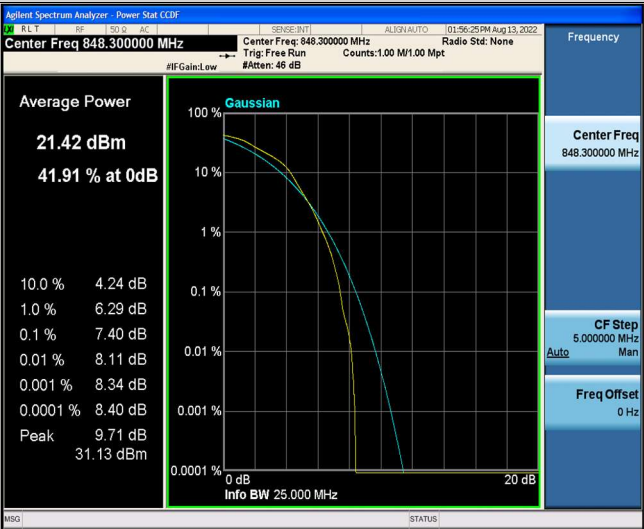
Band5-1.4MHz-16QAM-20407-6RB#0



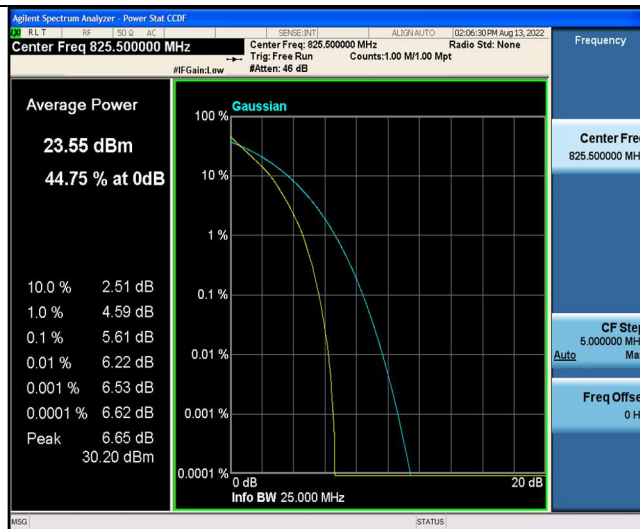
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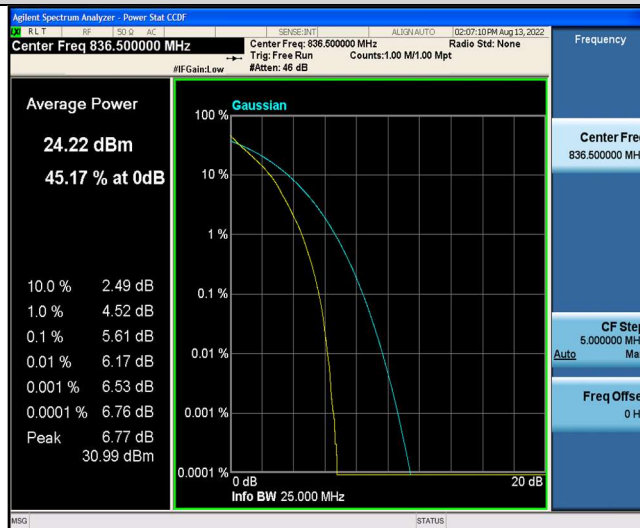
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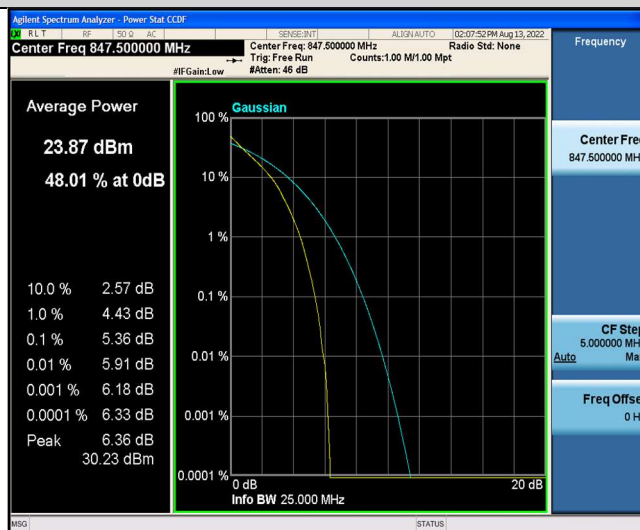
Band5-3MHz-QPSK-20415-15RB#0



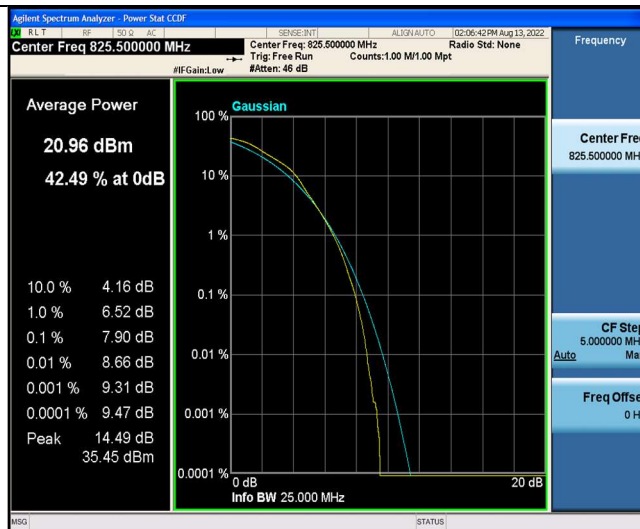
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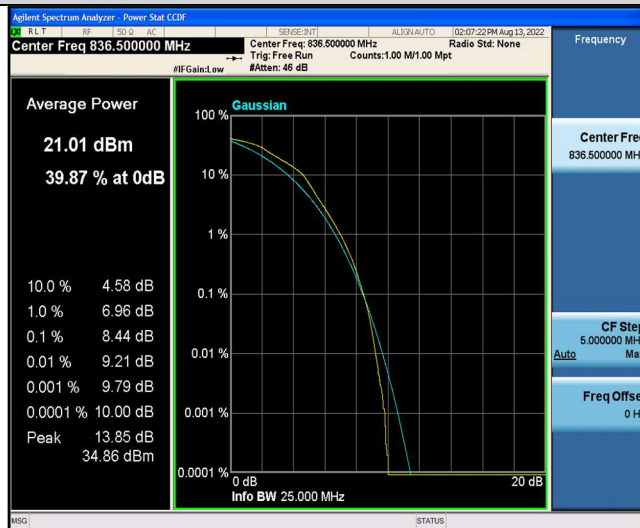
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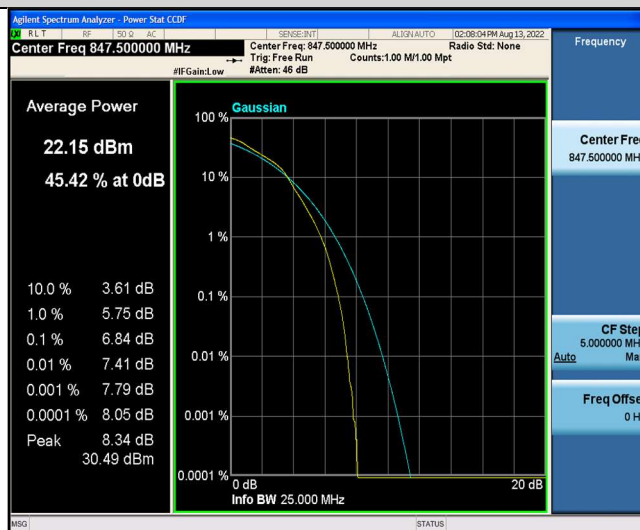
Band5-3MHz-16QAM-20415-15RB#0



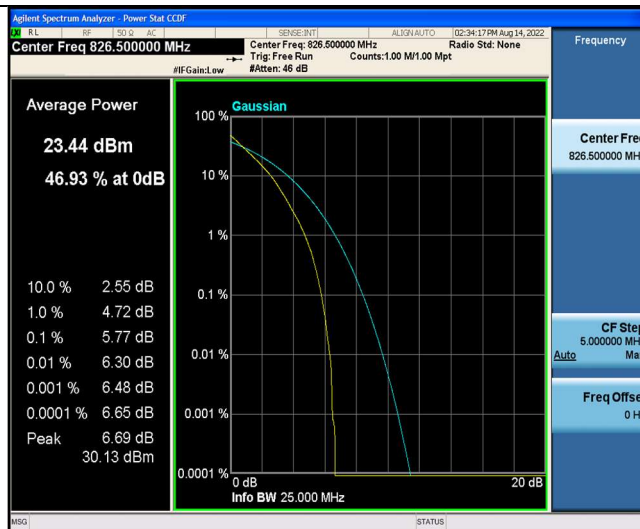
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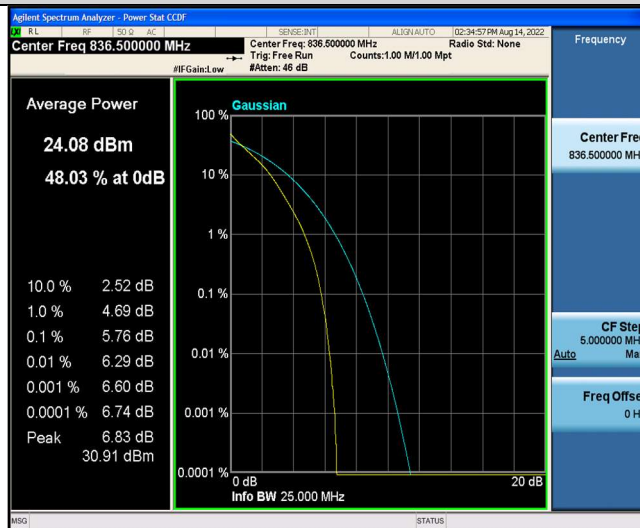
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Band5-5MHz-QPSK-20425-25RB#0



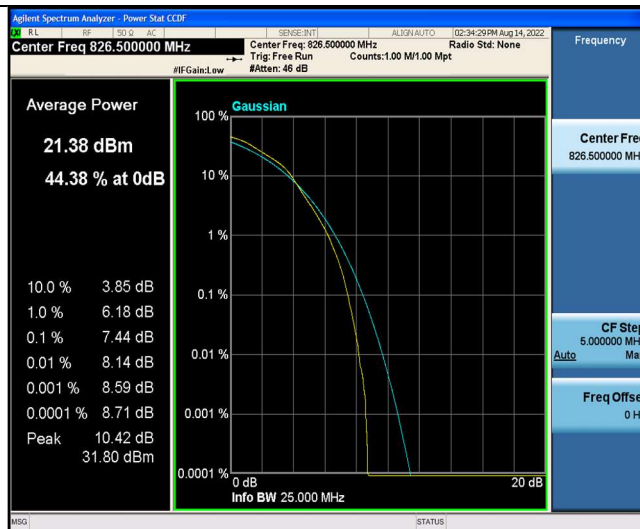
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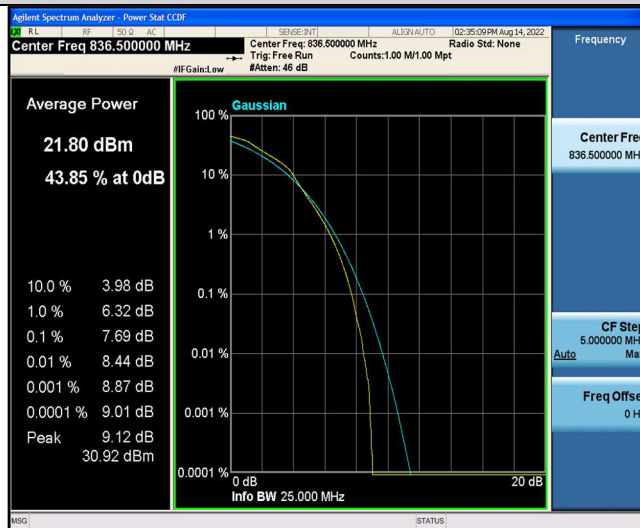
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Band5-5MHz-16QAM-20425-25RB#0



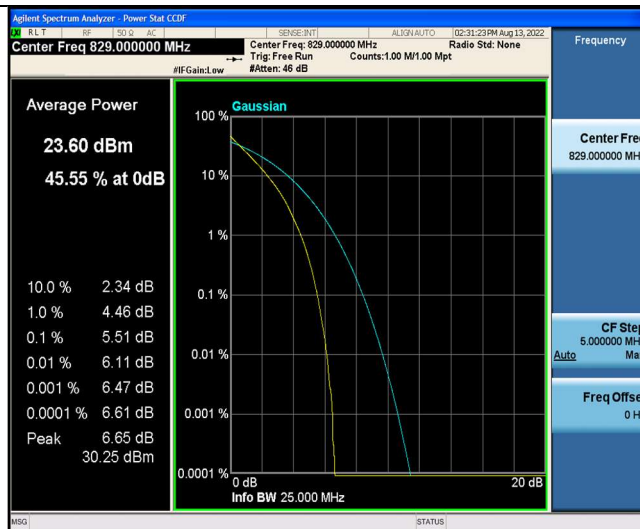
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Band5-5MHz-16QAM-20625-25RB#0



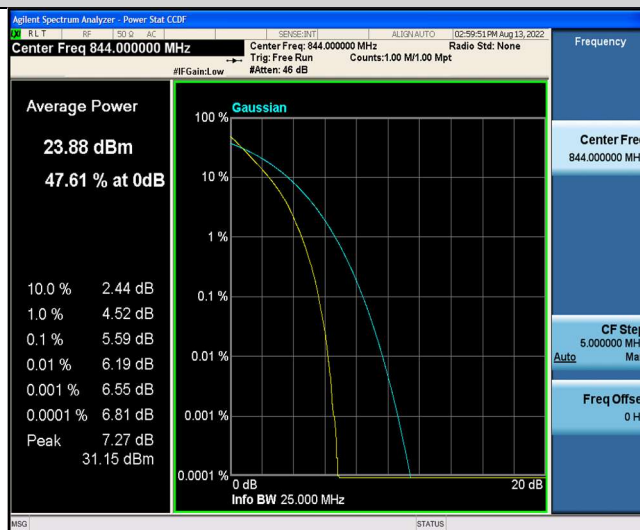
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Band5-10MHz-QPSK-20525-50RB#0



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



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



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



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



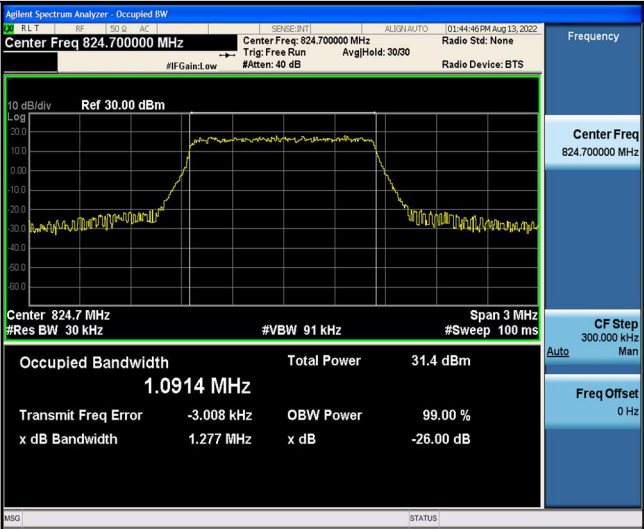
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0914	1.277	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0922	1.279	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0916	1.278	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0934	1.287	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0988	1.298	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0947	1.304	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6903	2.882	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6905	2.906	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6876	2.887	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6833	2.910	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6785	2.901	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6803	2.889	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5072	4.937	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5003	4.942	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5107	4.939	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4889	4.915	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4855	4.913	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4881	4.901	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9916	9.853	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9954	9.861	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9716	9.857	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9918	9.703	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9823	9.831	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9965	9.712	PASS

Test Graphs

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



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



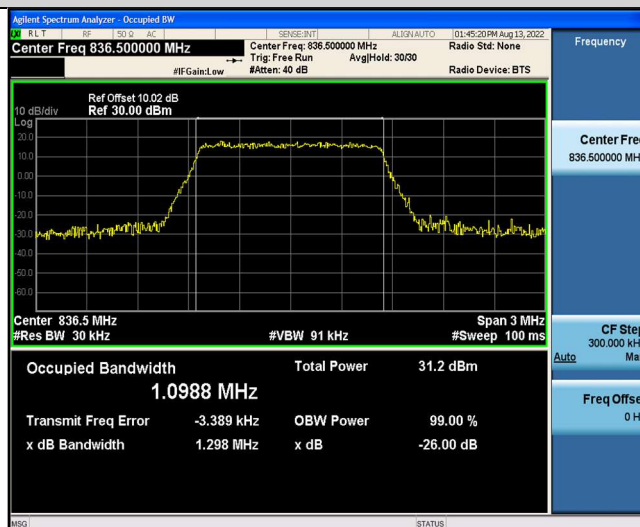
Band5-1.4MHz-QPSK-20643-6RB#0



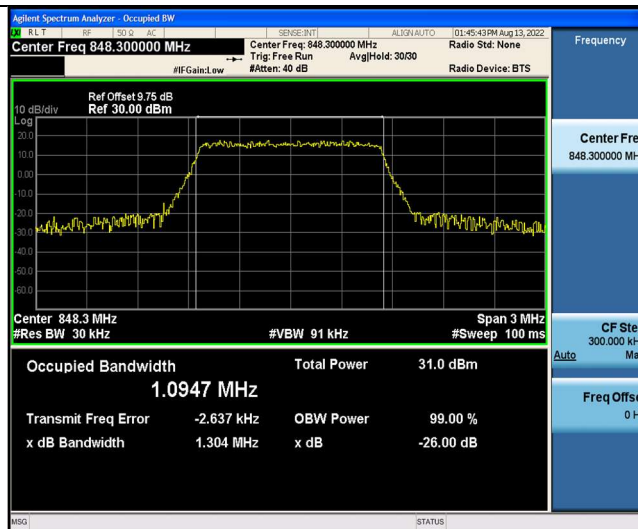
Band5-1.4MHz-16QAM-20407-6RB#0



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



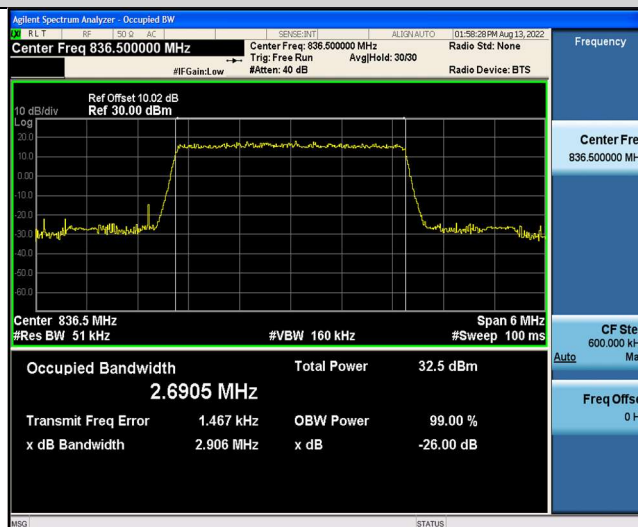
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Band5-3MHz-QPSK-20415-15RB#0



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



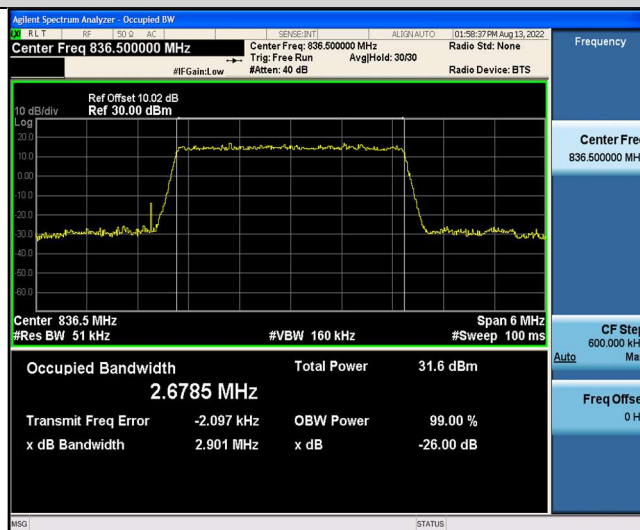
Band5-3MHz-QPSK-20635-15RB#0



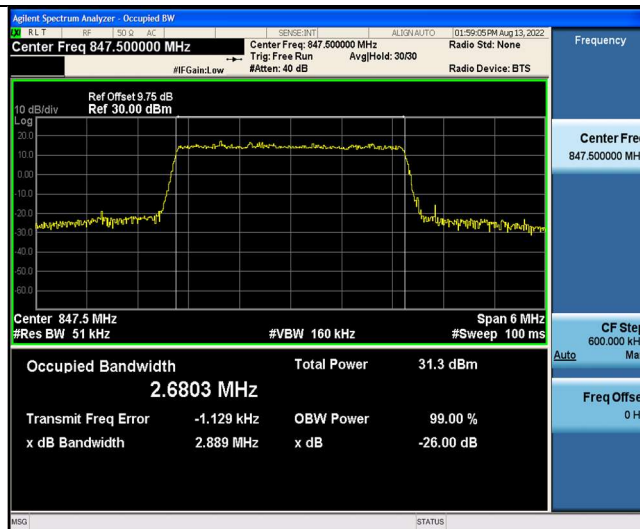
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Band5-3MHz-16QAM-20525-15RB#0



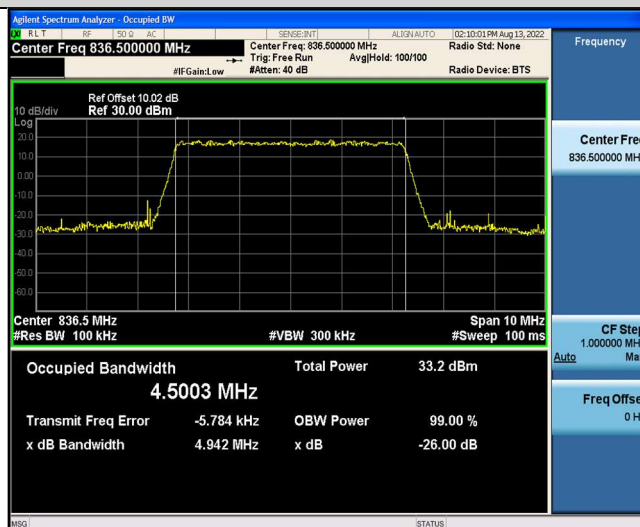
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Band5-5MHz-QPSK-20425-25RB#0



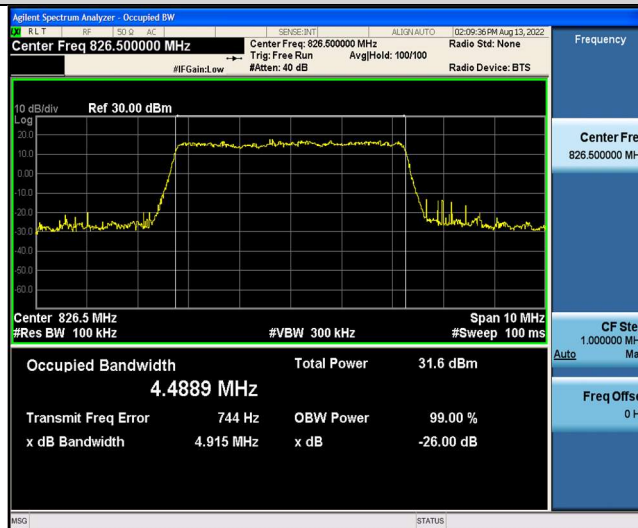
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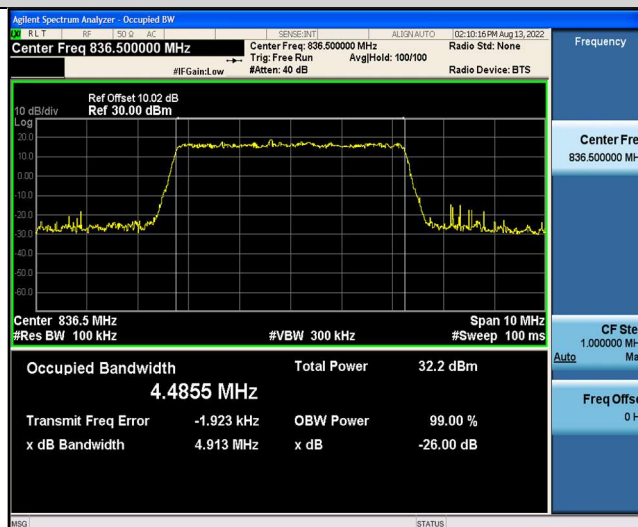
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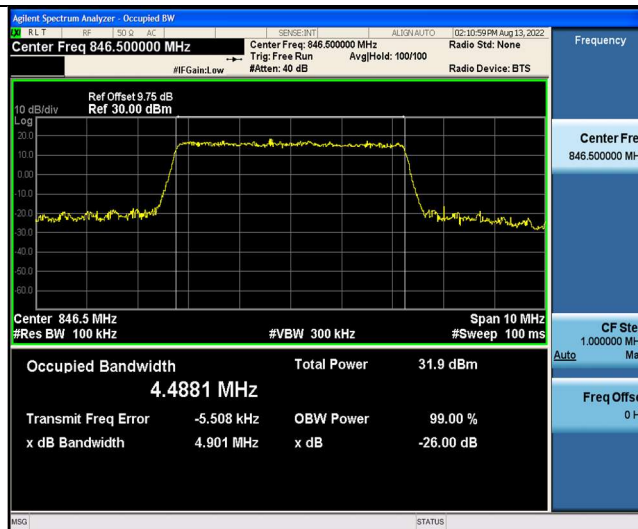
Band5-5MHz-16QAM-20425-25RB#0



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



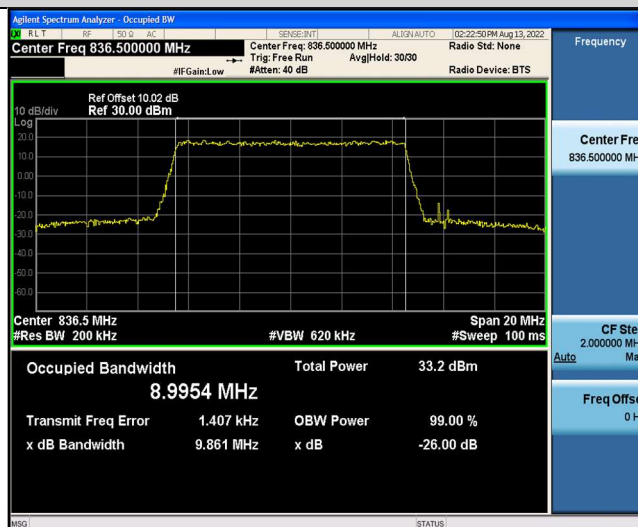
Band5-5MHz-16QAM-20625-25RB#0



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



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



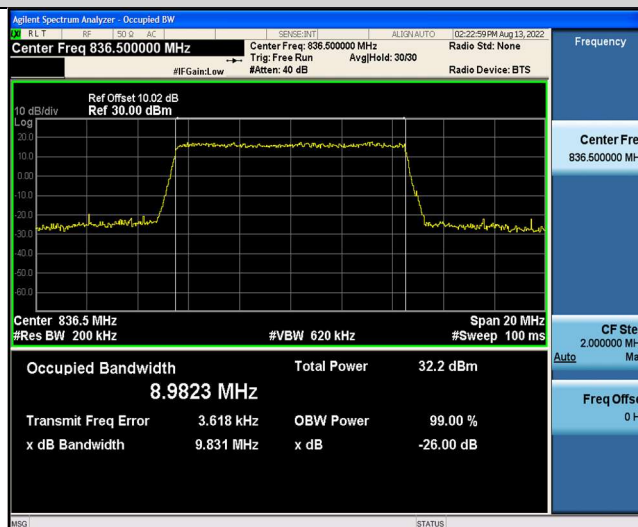
Band5-10MHz-QPSK-20600-50RB#0



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	-43.40,-34.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.73	PASS
Band5	3MHz	QPSK	20635	15RB#0	-30.21	PASS
Band5	3MHz	16QAM	20415	15RB#0	-29.94	PASS
Band5	3MHz	16QAM	20635	15RB#0	-32.90	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.19	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.25	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.56	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.25	PASS
Band5	10MHz	QPSK	20450	50RB#0	-32.61	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.76	PASS
Band5	10MHz	16QAM	20450	50RB#0	-33.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	-33.43	PASS