

Appendix for LTE Band 26-1

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

**Address: 80 ROBINSON ROAD #02-00
SINGAPORE(068898)**

Product Name: LTE Module

Model: GLMM24A01

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1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	24.64	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	23.48	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	24.74	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	23.63	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	24.64	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	23.52	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#0	24.63	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#0	24.72	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#1	24.70	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#1	24.68	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#3	24.95	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#3	24.93	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	23.78	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	22.80	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	24.99	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	24.81	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	24.67	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	24.56	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	24.78	PASS

26(814-824)	1.4MHz	16QAM	26740	1RB#5	24.70	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#0	24.83	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#0	24.67	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#1	24.80	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#1	24.80	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#3	24.80	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#3	24.83	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	23.78	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	22.70	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	24.47	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.05	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	24.17	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.80	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	24.06	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.81	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#0	24.39	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#0	24.32	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#1	24.32	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#1	24.40	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#3	24.29	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#3	24.27	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	23.24	PASS

26(814-824)	1.4MHz	16QAM	26783	6RB#0	22.22	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	24.92	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	23.80	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	24.75	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	23.75	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	24.77	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	23.82	PASS
26(814-824)	3MHz	QPSK	26705	8RB#0	23.77	PASS
26(814-824)	3MHz	16QAM	26705	8RB#0	23.75	PASS
26(814-824)	3MHz	QPSK	26705	8RB#4	23.77	PASS
26(814-824)	3MHz	16QAM	26705	8RB#4	23.75	PASS
26(814-824)	3MHz	QPSK	26705	8RB#7	23.75	PASS
26(814-824)	3MHz	16QAM	26705	8RB#7	23.74	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	23.74	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	22.71	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	24.95	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	23.77	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	24.72	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	23.51	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	24.61	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	23.40	PASS
26(814-824)	3MHz	QPSK	26740	8RB#0	23.75	PASS

26(814-824)	3MHz	16QAM	26740	8RB#0	23.76	PASS
26(814-824)	3MHz	QPSK	26740	8RB#4	23.74	PASS
26(814-824)	3MHz	16QAM	26740	8RB#4	23.75	PASS
26(814-824)	3MHz	QPSK	26740	8RB#7	23.76	PASS
26(814-824)	3MHz	16QAM	26740	8RB#7	23.75	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	23.76	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	22.66	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	24.78	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.43	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	24.29	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	23.06	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	24.12	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.87	PASS
26(814-824)	3MHz	QPSK	26775	8RB#0	23.30	PASS
26(814-824)	3MHz	16QAM	26775	8RB#0	23.29	PASS
26(814-824)	3MHz	QPSK	26775	8RB#4	23.28	PASS
26(814-824)	3MHz	16QAM	26775	8RB#4	23.29	PASS
26(814-824)	3MHz	QPSK	26775	8RB#7	23.28	PASS
26(814-824)	3MHz	16QAM	26775	8RB#7	23.27	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.26	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.18	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	24.93	PASS

26(814-824)	5MHz	16QAM	26715	1RB#0	23.77	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	24.87	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	23.77	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	24.77	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	23.68	PASS
26(814-824)	5MHz	QPSK	26715	12RB#0	23.96	PASS
26(814-824)	5MHz	16QAM	26715	12RB#0	23.93	PASS
26(814-824)	5MHz	QPSK	26715	12RB#6	23.92	PASS
26(814-824)	5MHz	16QAM	26715	12RB#6	23.93	PASS
26(814-824)	5MHz	QPSK	26715	12RB#13	23.85	PASS
26(814-824)	5MHz	16QAM	26715	12RB#13	23.85	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	23.69	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	22.66	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	24.91	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	23.91	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	24.82	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.92	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	24.49	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	23.52	PASS
26(814-824)	5MHz	QPSK	26740	12RB#0	23.94	PASS
26(814-824)	5MHz	16QAM	26740	12RB#0	23.93	PASS
26(814-824)	5MHz	QPSK	26740	12RB#6	23.94	PASS

26(814-824)	5MHz	16QAM	26740	12RB#6	23.92	PASS
26(814-824)	5MHz	QPSK	26740	12RB#13	23.56	PASS
26(814-824)	5MHz	16QAM	26740	12RB#13	23.57	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	23.79	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.75	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	24.94	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	23.80	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	24.62	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	23.48	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.15	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.99	PASS
26(814-824)	5MHz	QPSK	26765	12RB#0	23.76	PASS
26(814-824)	5MHz	16QAM	26765	12RB#0	23.76	PASS
26(814-824)	5MHz	QPSK	26765	12RB#6	23.77	PASS
26(814-824)	5MHz	16QAM	26765	12RB#6	23.77	PASS
26(814-824)	5MHz	QPSK	26765	12RB#13	23.25	PASS
26(814-824)	5MHz	16QAM	26765	12RB#13	23.24	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.45	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	22.44	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	24.72	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	23.62	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	24.57	PASS

26(814-824)	10MHz	16QAM	26740	1RB#24	23.58	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	24.36	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.37	PASS
26(814-824)	10MHz	QPSK	26740	25RB#0	23.95	PASS
26(814-824)	10MHz	16QAM	26740	25RB#0	23.96	PASS
26(814-824)	10MHz	QPSK	26740	25RB#12	23.96	PASS
26(814-824)	10MHz	16QAM	26740	25RB#12	23.96	PASS
26(814-824)	10MHz	QPSK	26740	25RB#25	23.82	PASS
26(814-824)	10MHz	16QAM	26740	25RB#25	23.82	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.76	PASS

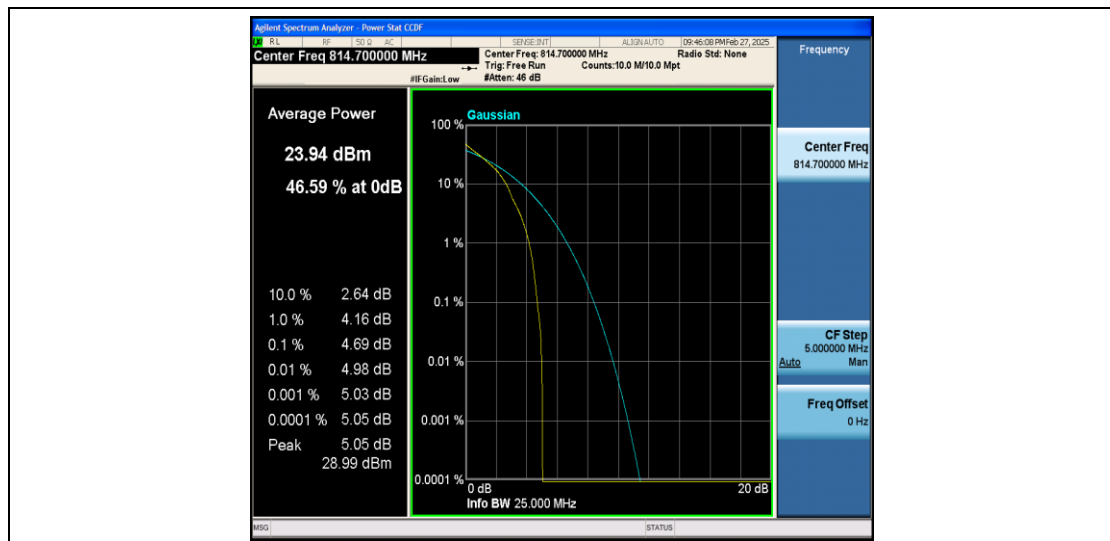
2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

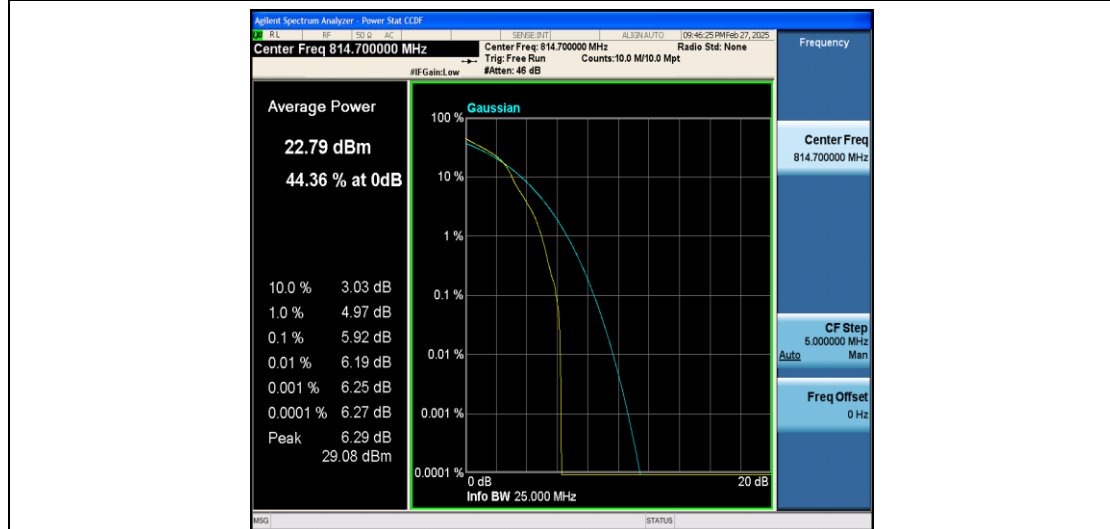
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	4.69	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	5.92	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.28	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.23	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	4.36	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	5.46	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	4.98	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.85	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	5.03	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	5.88	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.64	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.53	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	4.60	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	5.79	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	5.29	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	6.22	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	4.35	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	5.21	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.13	13	PASS

824)							
26(814-824)	3MHz	16QAM	26740	15RB#0	5.96	13	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	4.65	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	5.49	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.61	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.40	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	4.55	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	5.44	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.30	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	6.12	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	4.44	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	5.15	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.16	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.96	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	4.53	13	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	5.26	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.41	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	6.20	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	4.86	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	5.77	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.38	13	PASS

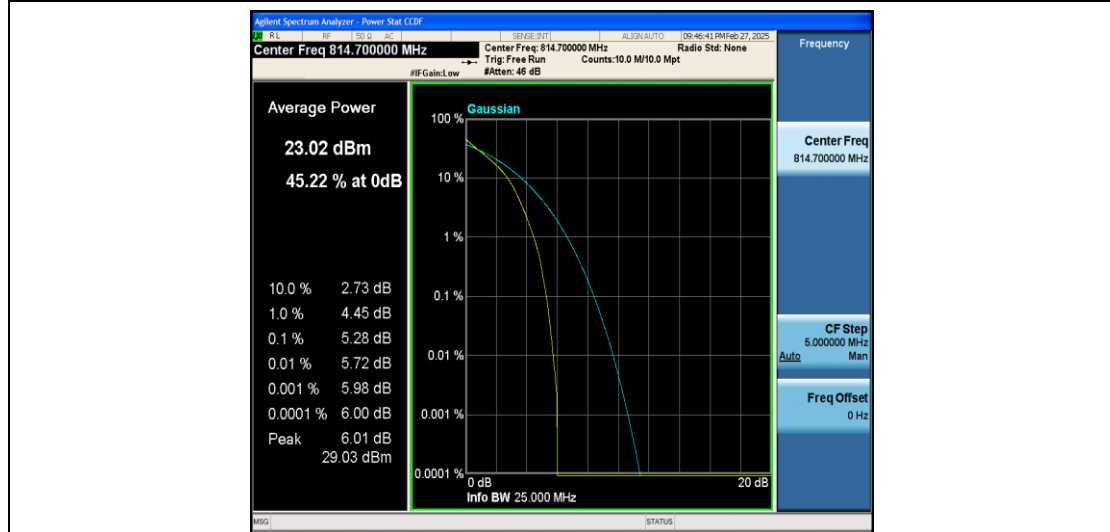
Test Graphs



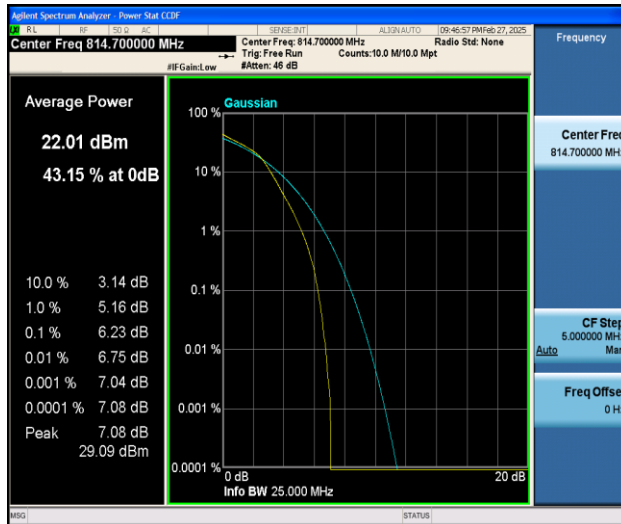
26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



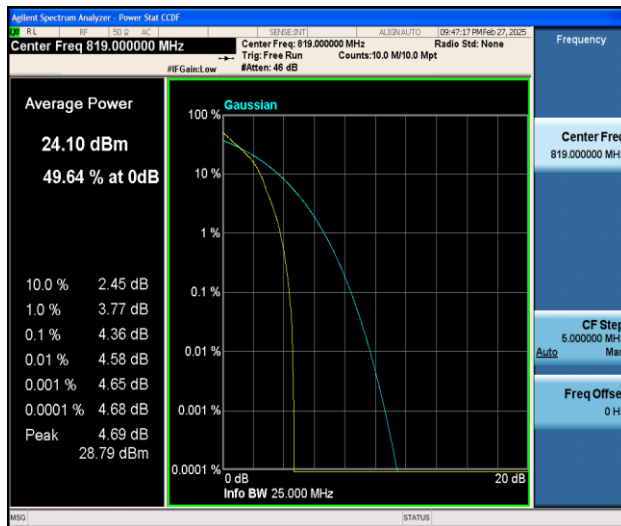
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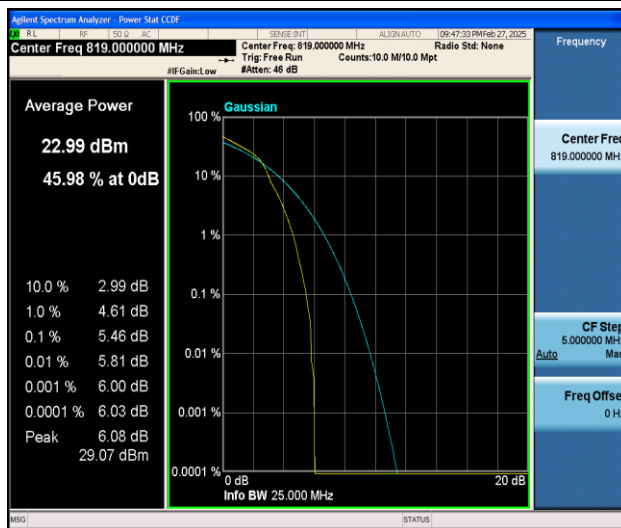
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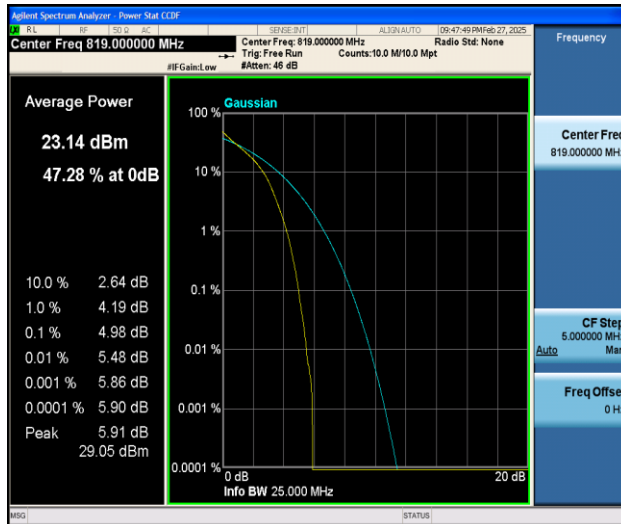
26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



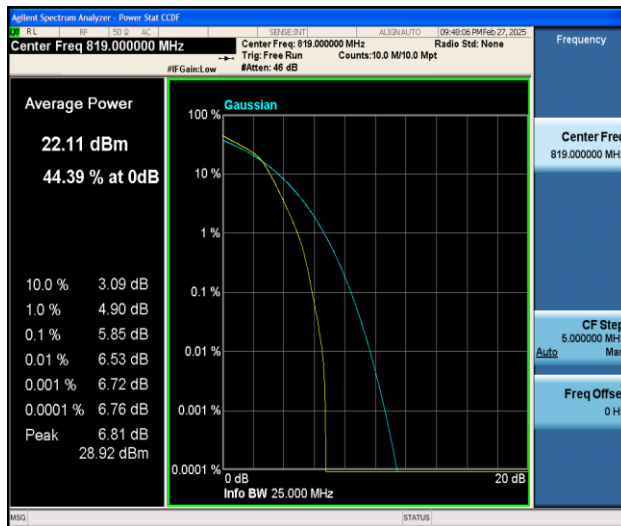
26(814-824)-1.4MHz-QPSK-26740-1RB#0-PASS



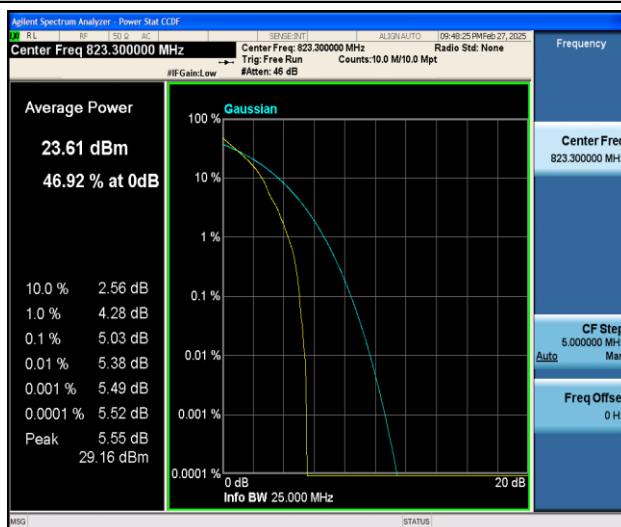
26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS



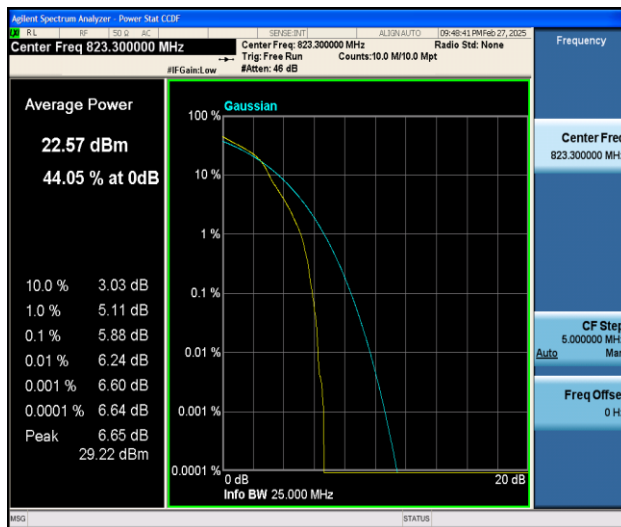
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



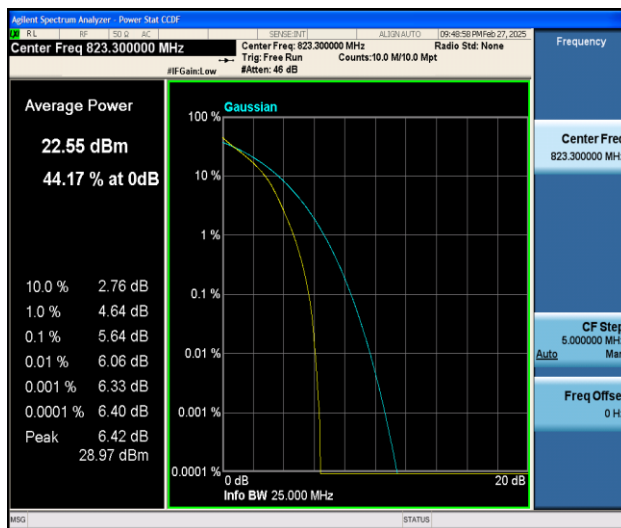
26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



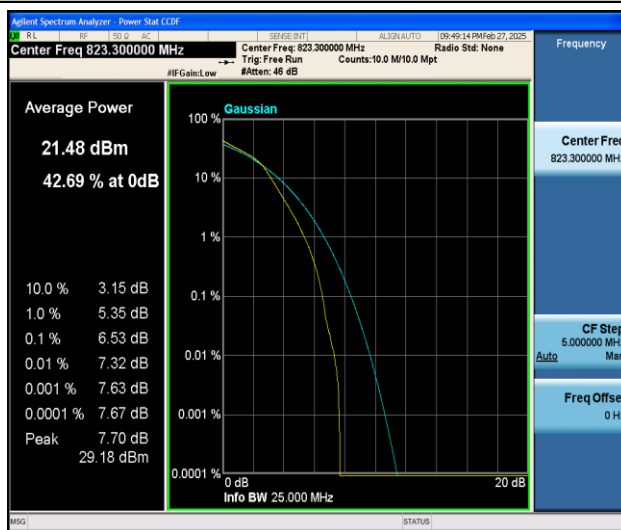
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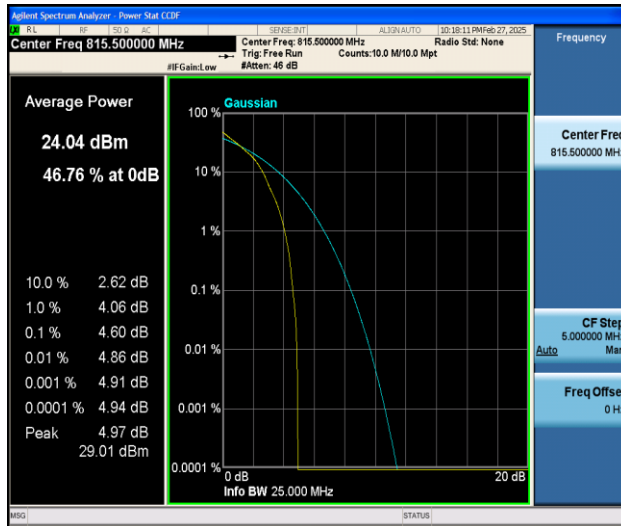
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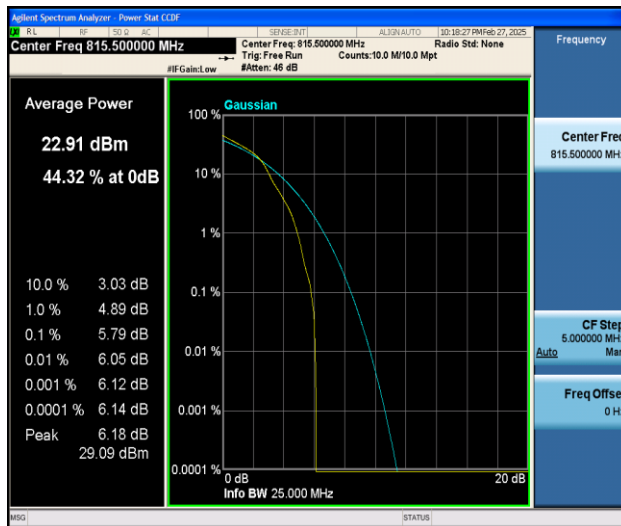
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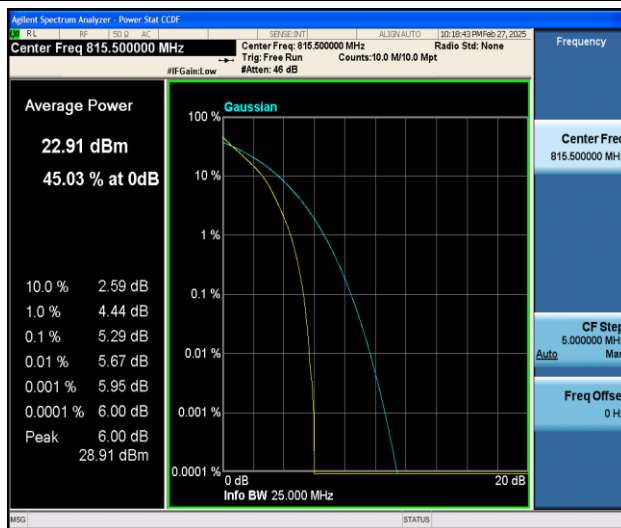
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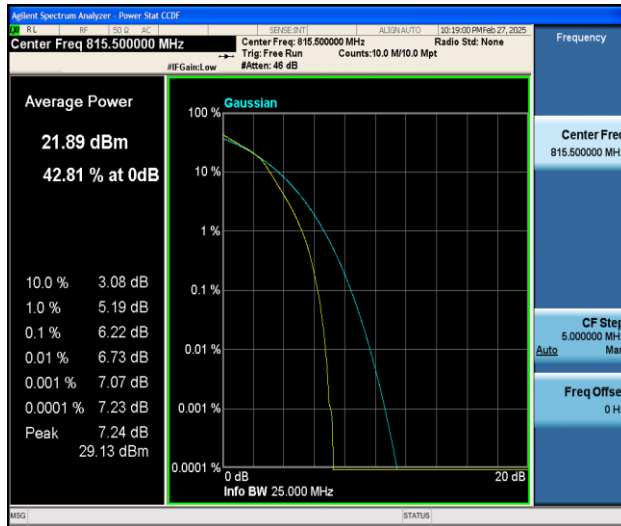
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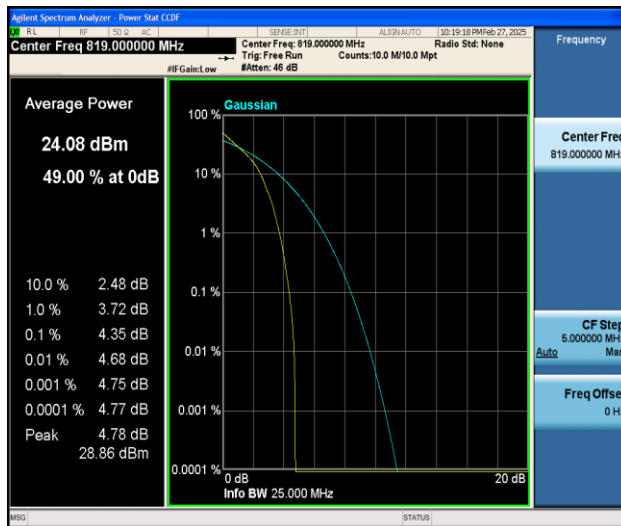
26(814-824)-3MHz-16QAM-26705-1RB#0-PASS



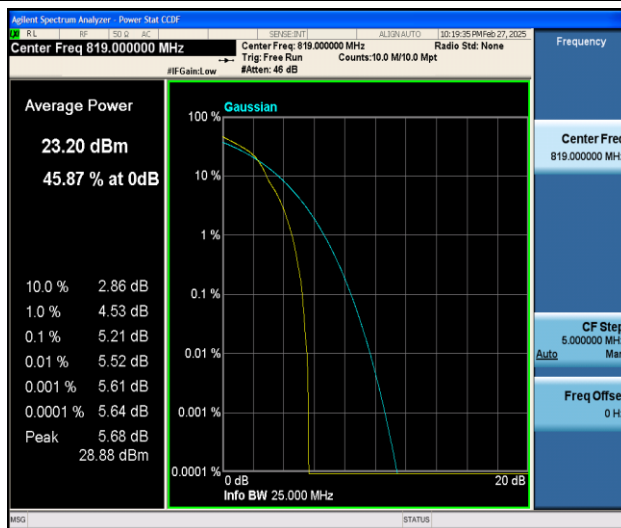
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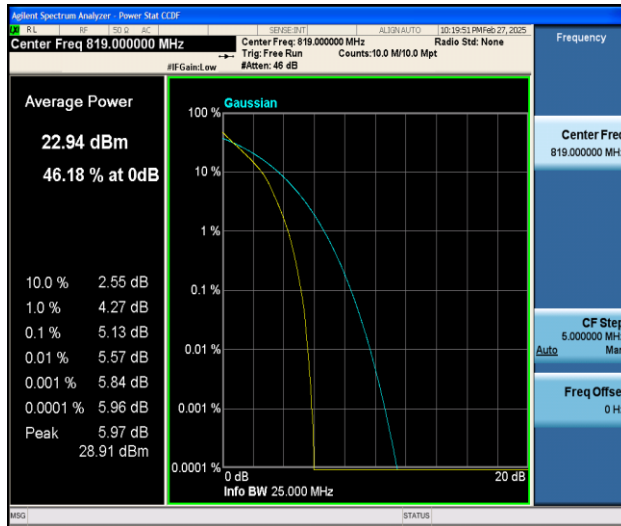
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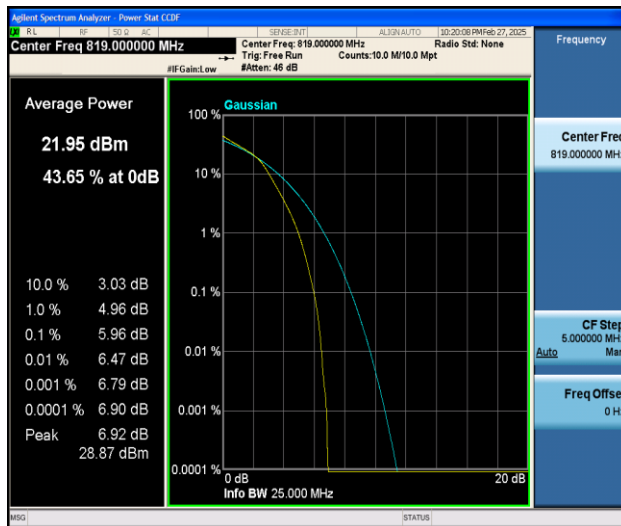
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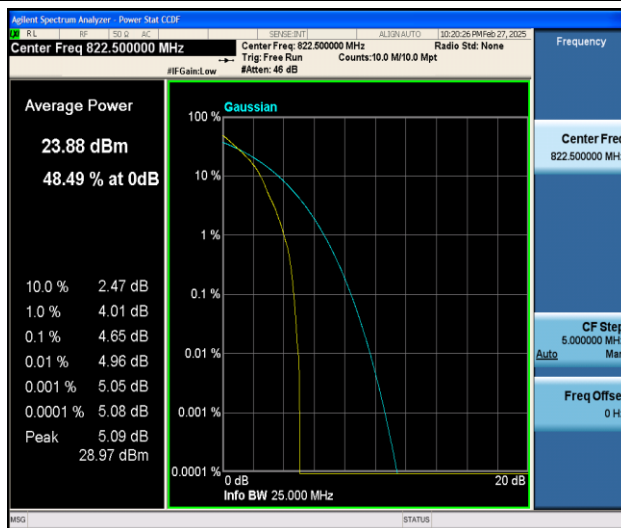
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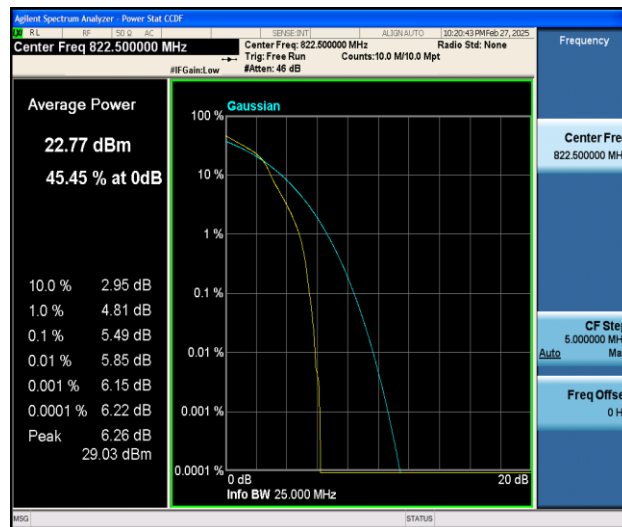
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



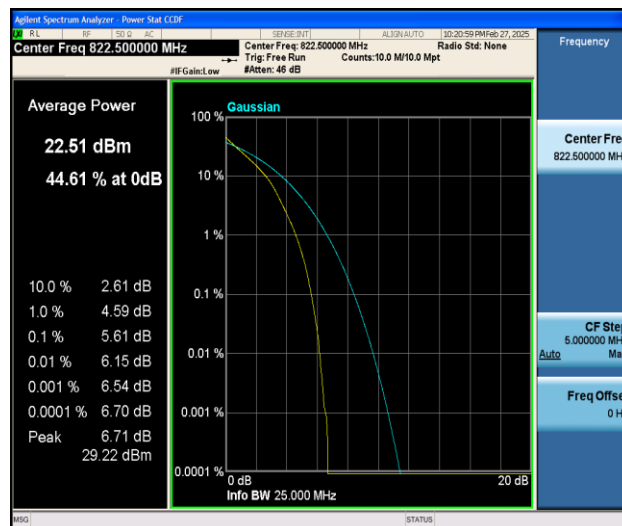
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



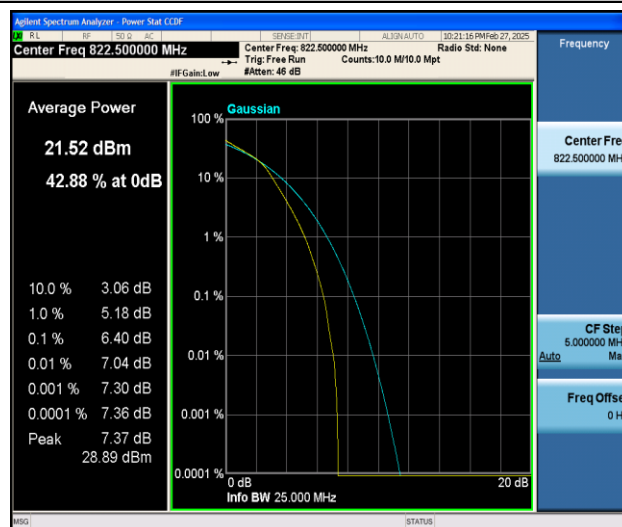
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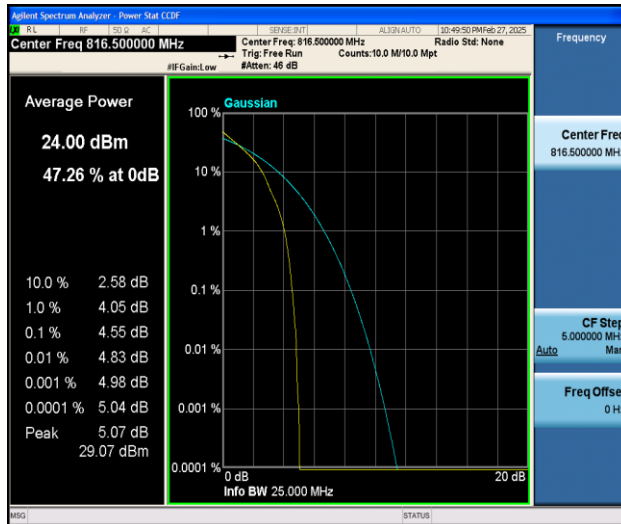
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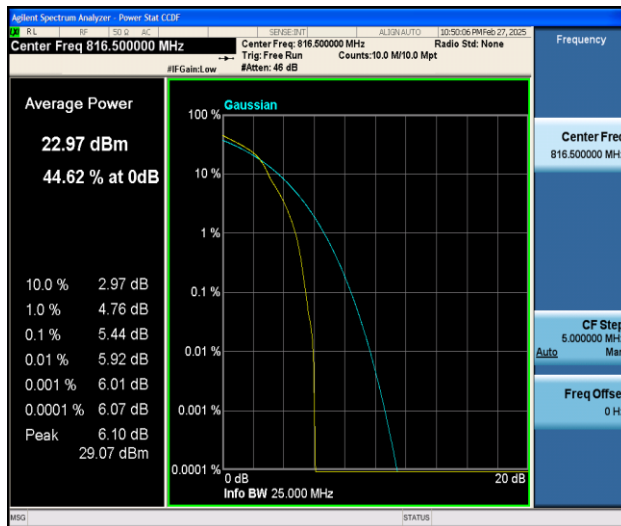
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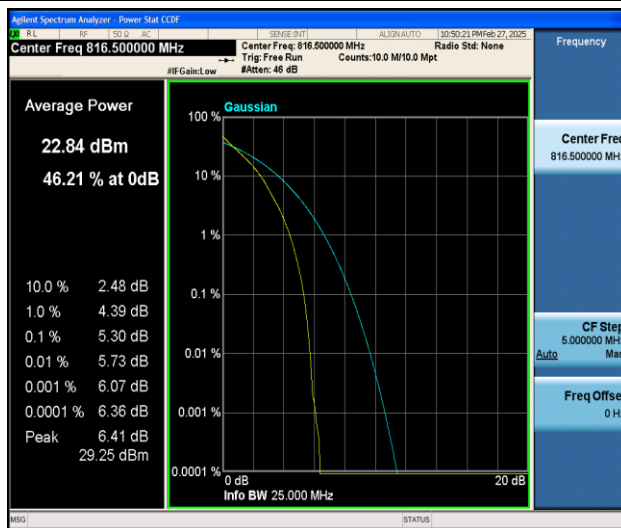
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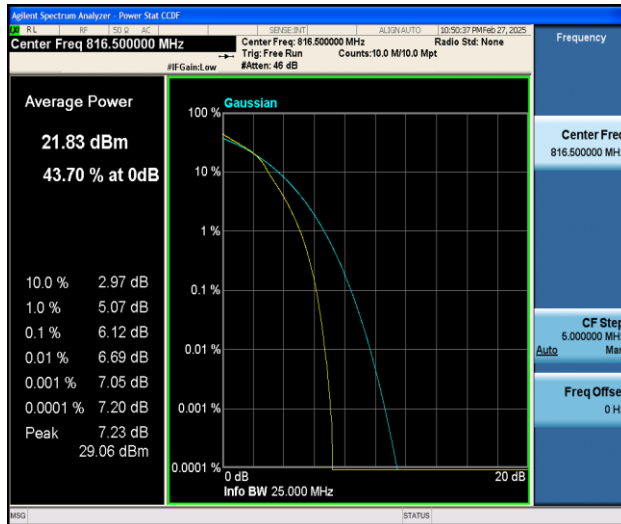
26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



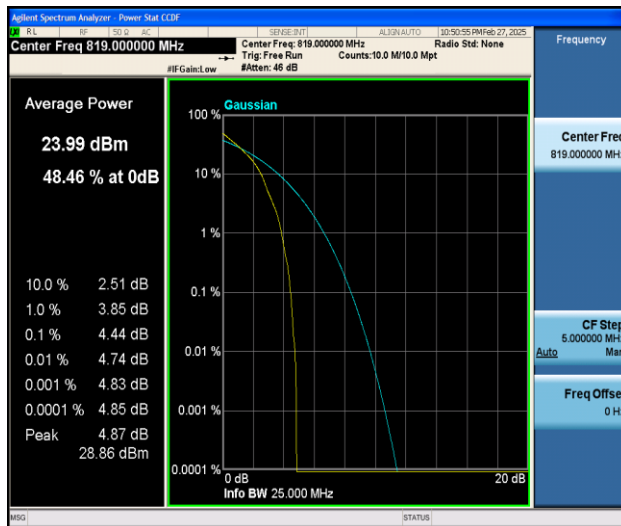
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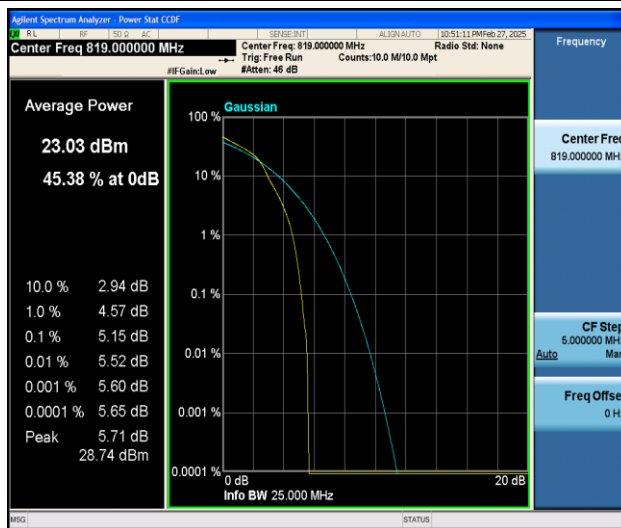
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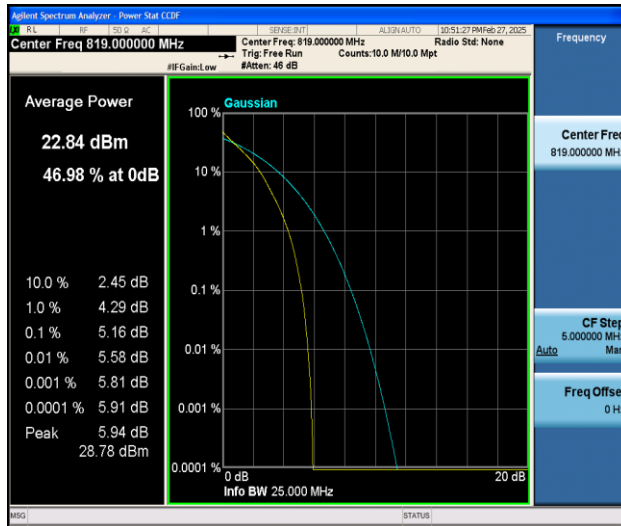
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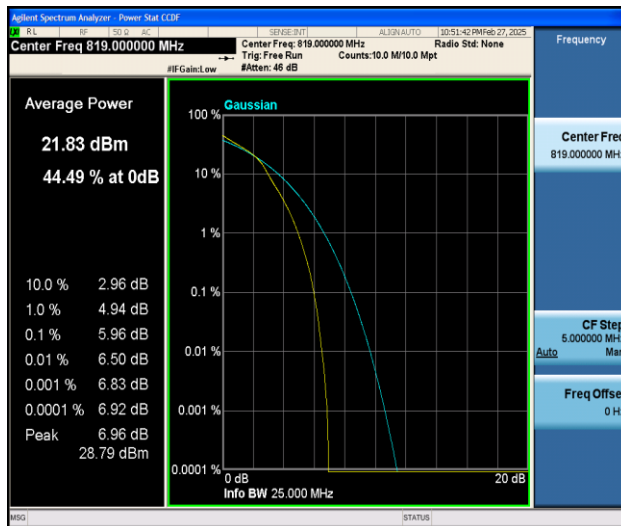
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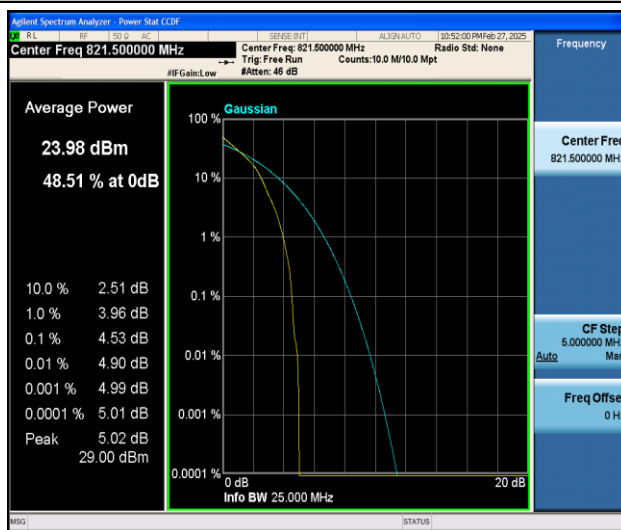
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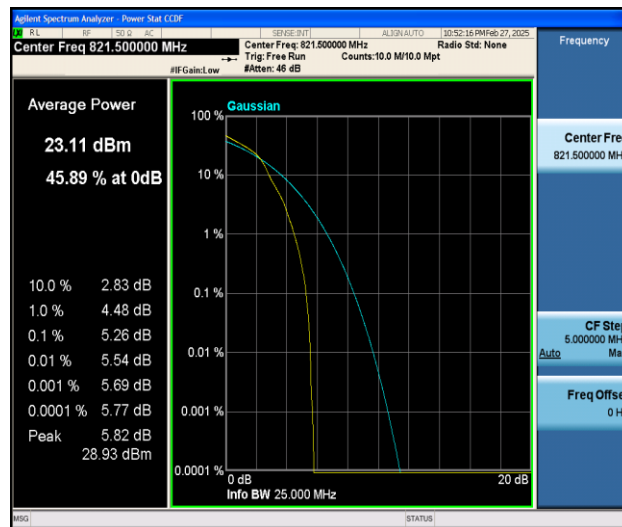
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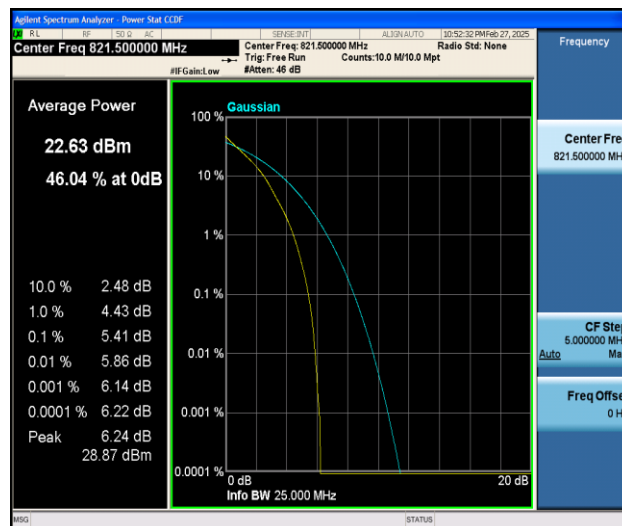
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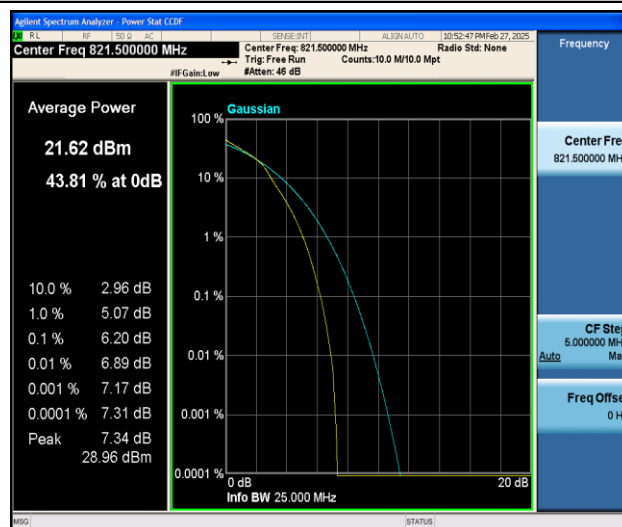
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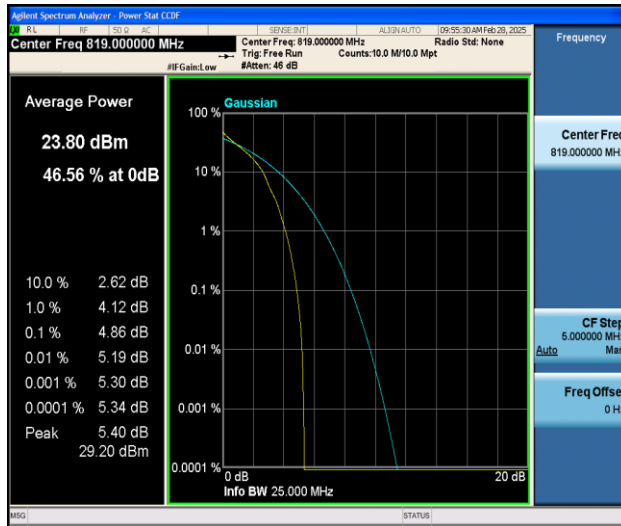
26(814-824)-5MHz-16QAM-26765-1RB#0-PASS



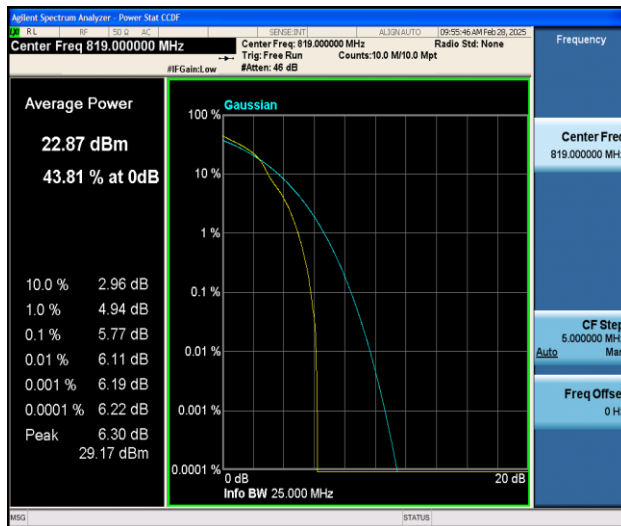
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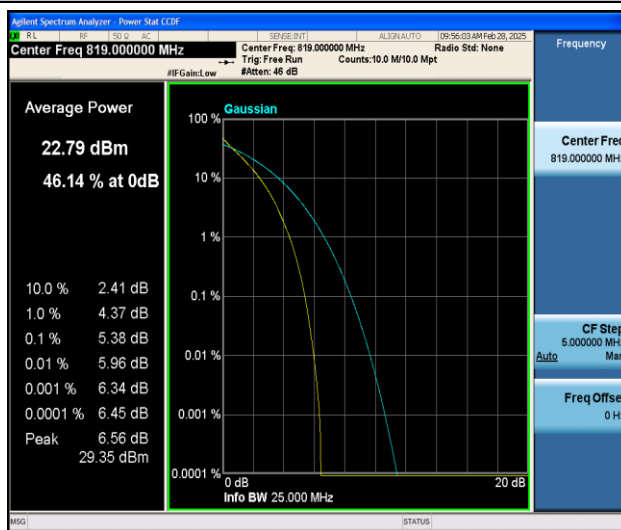
26(814-824)-5MHz-16QAM-26765-25RB#0-PASS



26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



26(814-824)-10MHz-16QAM-26740-1RB#0-PASS



26(814-824)-10MHz-QPSK-26740-50RB#0-PASS

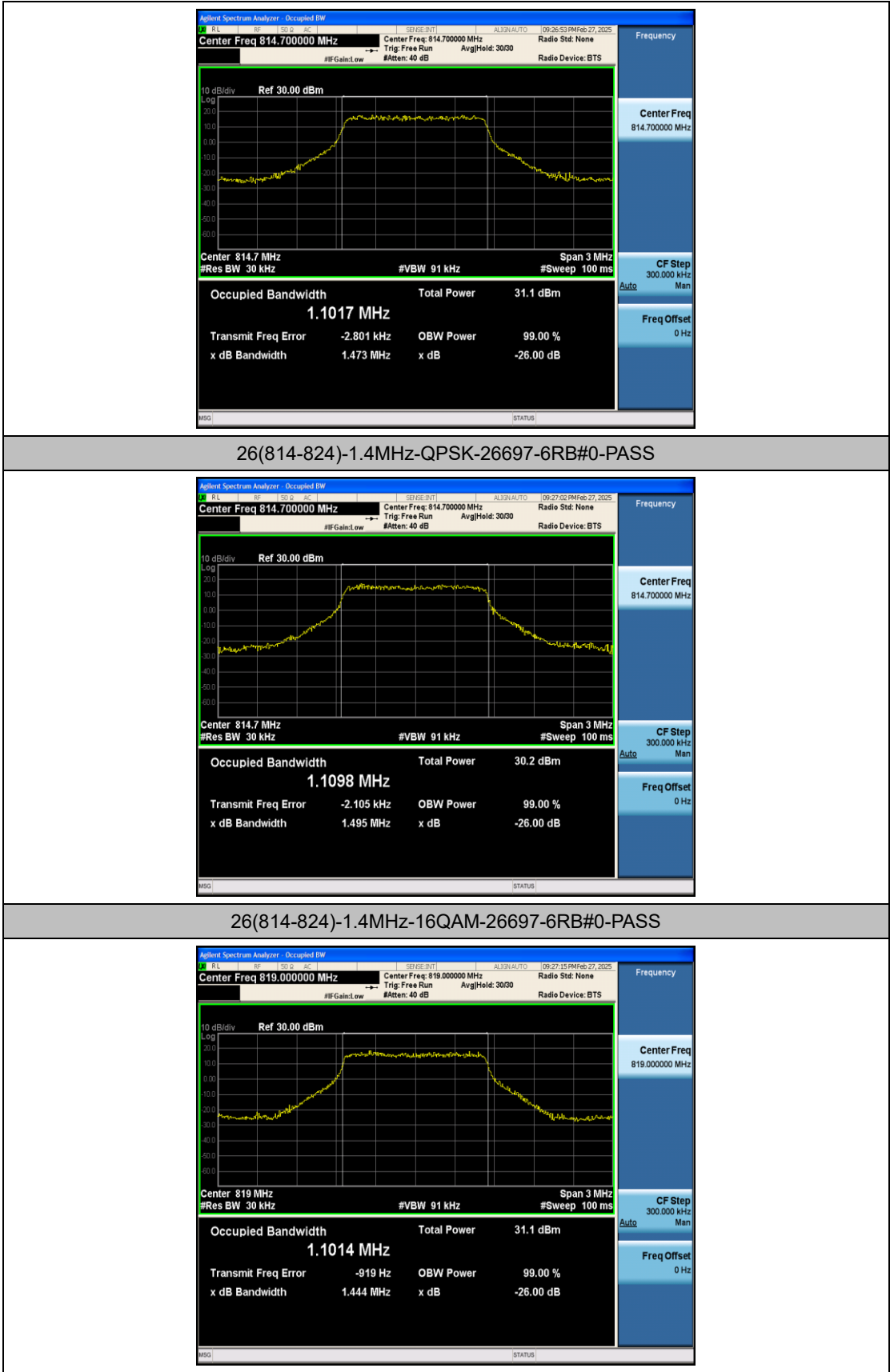
3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

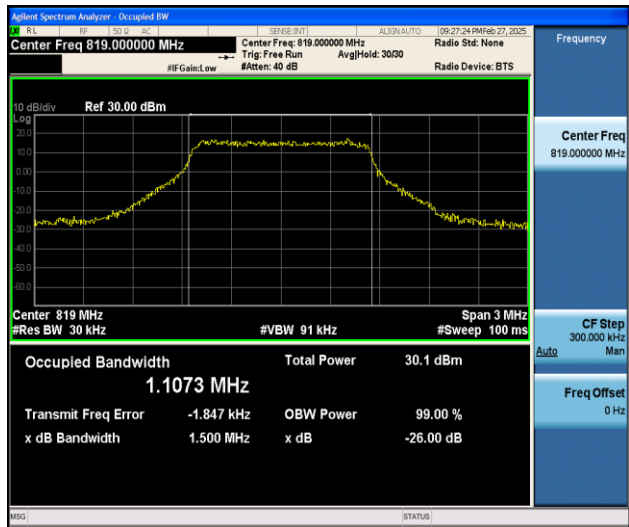
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.1017	1.473	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1098	1.495	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1014	1.444	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1073	1.500	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.1081	1.470	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0991	1.452	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7102	3.185	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6966	3.144	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6964	3.166	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7045	3.181	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7117	3.172	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6987	3.166	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.4941	5.086	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.4981	5.099	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.4945	5.104	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.4951	5.081	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.4996	5.136	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5161	5.150	PASS

824)							
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9579	9.805	PASS

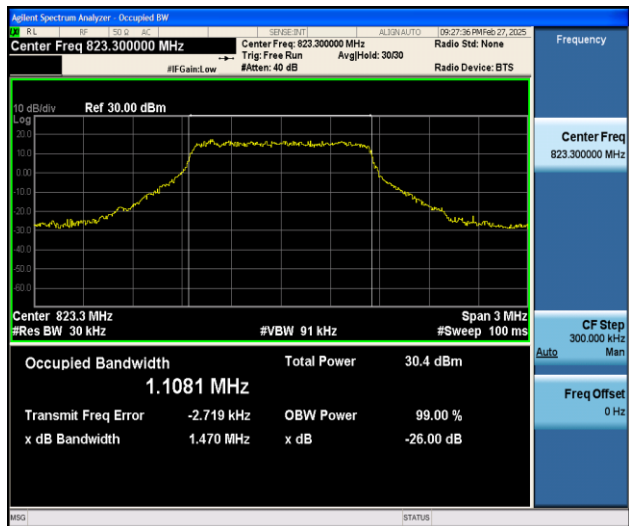
Test Graphs



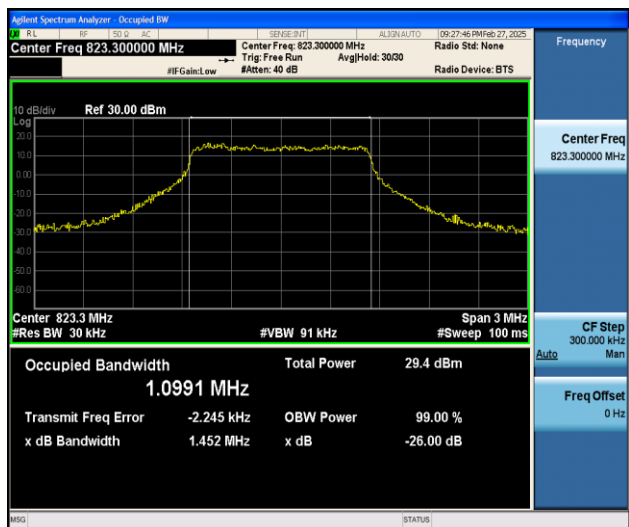
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



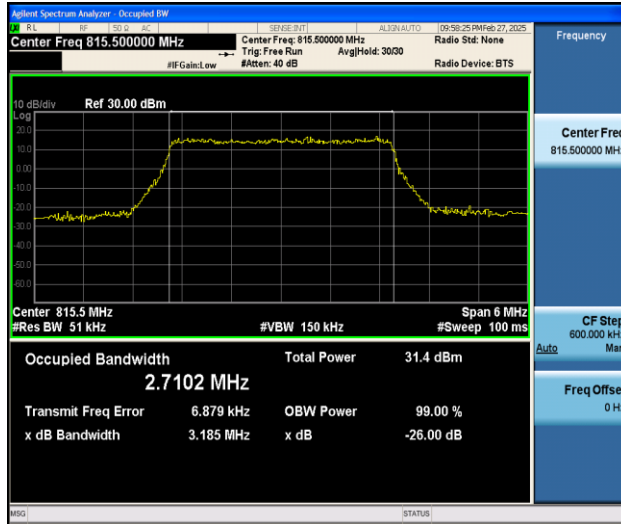
26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



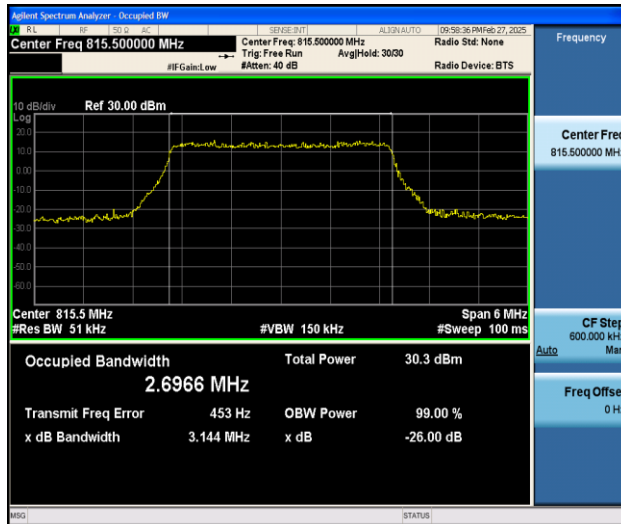
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



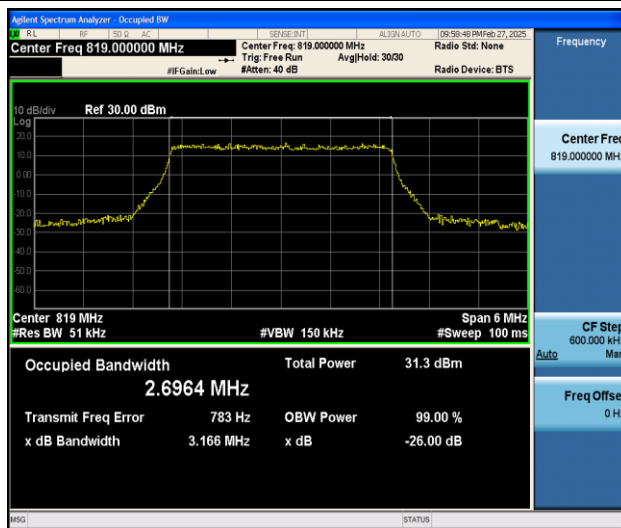
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



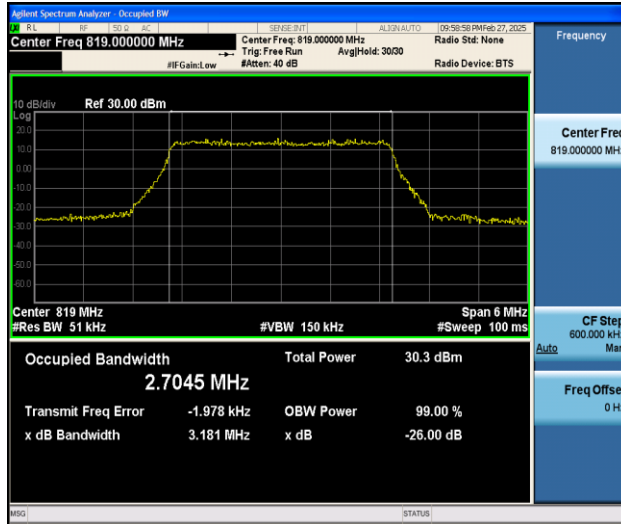
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



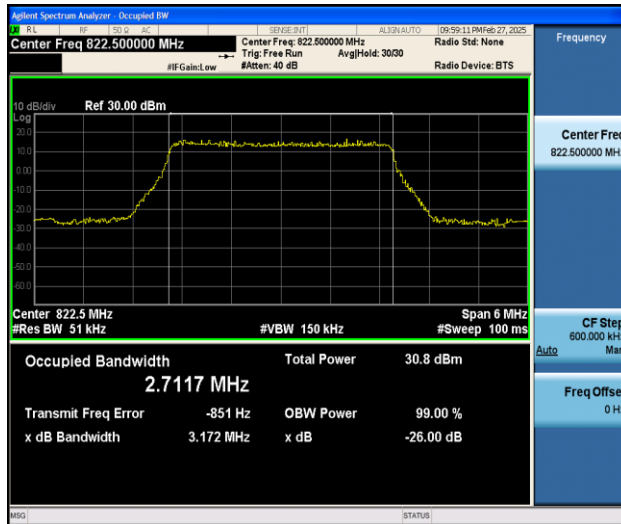
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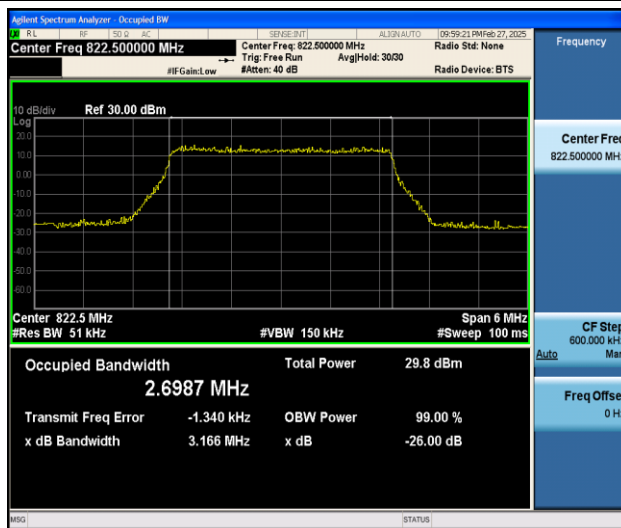
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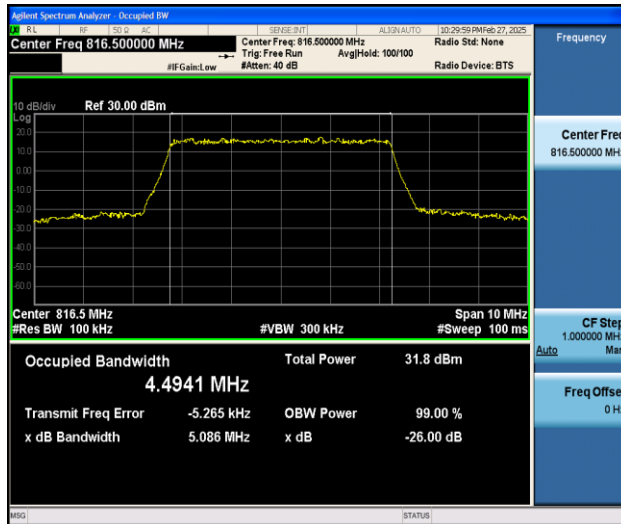
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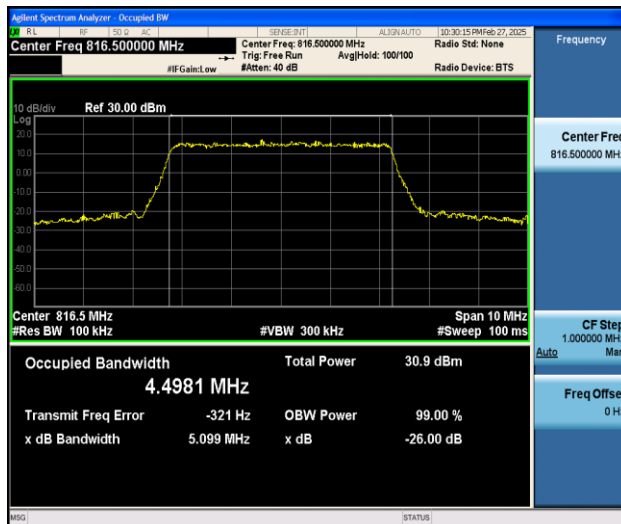
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



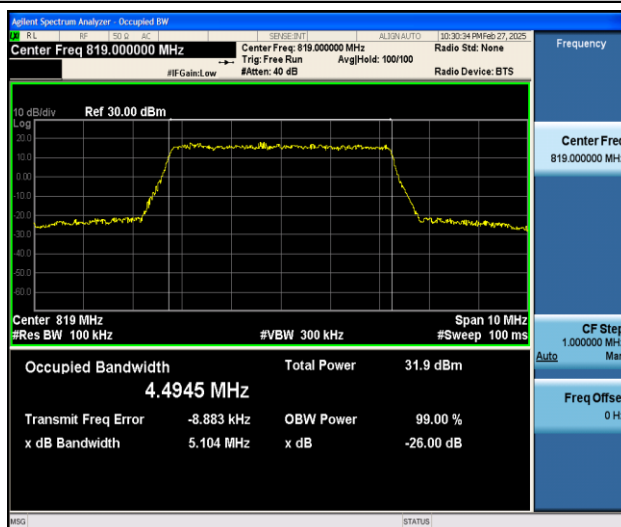
26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



26(814-824)-5MHz-QPSK-26740-25RB#0-PASS