

Appendix for LTE Band 26

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

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

Product Name: 4G Wireless Data Terminal

Model: GLMX24A01

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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	23.96	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.66	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.95	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.60	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	24.02	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.58	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#0	24.02	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#0	23.97	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#1	23.95	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#1	23.92	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#3	23.90	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#3	24.01	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.84	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.97	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.79	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	23.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.81	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.86	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.87	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	23.04	PASS

824)						
26(814-824)	1.4MHz	QPSK	26740	3RB#0	23.94	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#0	23.92	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#1	23.91	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#1	23.90	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#3	23.91	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#3	23.90	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.77	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.95	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.78	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.70	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.71	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.80	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.73	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.87	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#0	23.76	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#0	23.74	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#1	23.73	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#1	23.80	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#3	23.78	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#3	23.77	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.72	PASS

26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.80	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	23.95	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.62	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.97	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.59	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.99	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.61	PASS
26(814-824)	3MHz	QPSK	26705	8RB#0	22.83	PASS
26(814-824)	3MHz	16QAM	26705	8RB#0	22.83	PASS
26(814-824)	3MHz	QPSK	26705	8RB#4	22.84	PASS
26(814-824)	3MHz	16QAM	26705	8RB#4	22.84	PASS
26(814-824)	3MHz	QPSK	26705	8RB#7	22.84	PASS
26(814-824)	3MHz	16QAM	26705	8RB#7	22.85	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.85	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.94	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.91	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.30	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.83	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	22.25	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	23.84	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.22	PASS
26(814-824)	3MHz	QPSK	26740	8RB#0	22.82	PASS

26(814-824)	3MHz	16QAM	26740	8RB#0	22.82	PASS
26(814-824)	3MHz	QPSK	26740	8RB#4	22.82	PASS
26(814-824)	3MHz	16QAM	26740	8RB#4	22.82	PASS
26(814-824)	3MHz	QPSK	26740	8RB#7	22.82	PASS
26(814-824)	3MHz	16QAM	26740	8RB#7	22.82	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	22.82	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	21.73	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.72	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	22.89	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23.70	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.78	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.76	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.85	PASS
26(814-824)	3MHz	QPSK	26775	8RB#0	22.70	PASS
26(814-824)	3MHz	16QAM	26775	8RB#0	22.70	PASS
26(814-824)	3MHz	QPSK	26775	8RB#4	22.70	PASS
26(814-824)	3MHz	16QAM	26775	8RB#4	22.70	PASS
26(814-824)	3MHz	QPSK	26775	8RB#7	22.70	PASS
26(814-824)	3MHz	16QAM	26775	8RB#7	22.70	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	22.70	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	21.71	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.93	PASS

26(814-824)	5MHz	16QAM	26715	1RB#0	22.52	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.91	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	22.45	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	23.84	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.45	PASS
26(814-824)	5MHz	QPSK	26715	12RB#0	22.77	PASS
26(814-824)	5MHz	16QAM	26715	12RB#0	22.89	PASS
26(814-824)	5MHz	QPSK	26715	12RB#6	22.89	PASS
26(814-824)	5MHz	16QAM	26715	12RB#6	22.88	PASS
26(814-824)	5MHz	QPSK	26715	12RB#13	22.82	PASS
26(814-824)	5MHz	16QAM	26715	12RB#13	22.82	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.72	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.71	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	23.80	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.41	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.79	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	22.32	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.74	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	22.39	PASS
26(814-824)	5MHz	QPSK	26740	12RB#0	22.83	PASS
26(814-824)	5MHz	16QAM	26740	12RB#0	22.83	PASS
26(814-824)	5MHz	QPSK	26740	12RB#6	22.82	PASS

26(814-824)	5MHz	16QAM	26740	12RB#6	22.82	PASS
26(814-824)	5MHz	QPSK	26740	12RB#13	22.81	PASS
26(814-824)	5MHz	16QAM	26740	12RB#13	22.82	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	22.69	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	21.82	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	23.89	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	22.16	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.90	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	22.13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	23.81	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.18	PASS
26(814-824)	5MHz	QPSK	26765	12RB#0	22.67	PASS
26(814-824)	5MHz	16QAM	26765	12RB#0	22.71	PASS
26(814-824)	5MHz	QPSK	26765	12RB#6	22.68	PASS
26(814-824)	5MHz	16QAM	26765	12RB#6	22.68	PASS
26(814-824)	5MHz	QPSK	26765	12RB#13	22.76	PASS
26(814-824)	5MHz	16QAM	26765	12RB#13	22.73	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	22.79	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	21.82	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.75	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.91	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.78	PASS

26(814-824)	10MHz	16QAM	26740	1RB#24	22.82	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	23.77	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	22.86	PASS
26(814-824)	10MHz	QPSK	26740	25RB#0	22.82	PASS
26(814-824)	10MHz	16QAM	26740	25RB#0	22.83	PASS
26(814-824)	10MHz	QPSK	26740	25RB#12	22.83	PASS
26(814-824)	10MHz	16QAM	26740	25RB#12	22.82	PASS
26(814-824)	10MHz	QPSK	26740	25RB#25	22.66	PASS
26(814-824)	10MHz	16QAM	26740	25RB#25	22.66	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	22.71	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.85	PASS

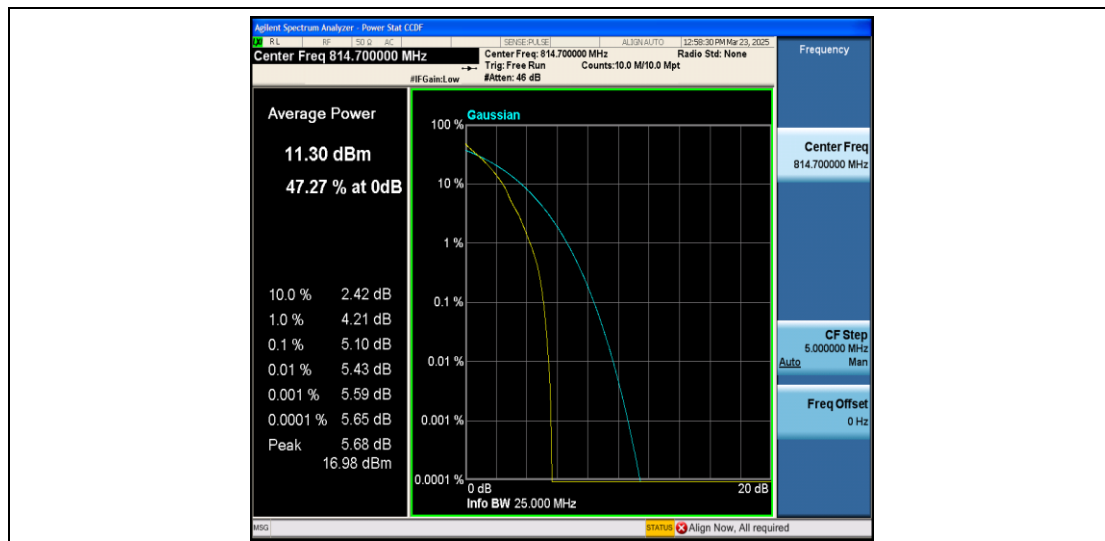
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

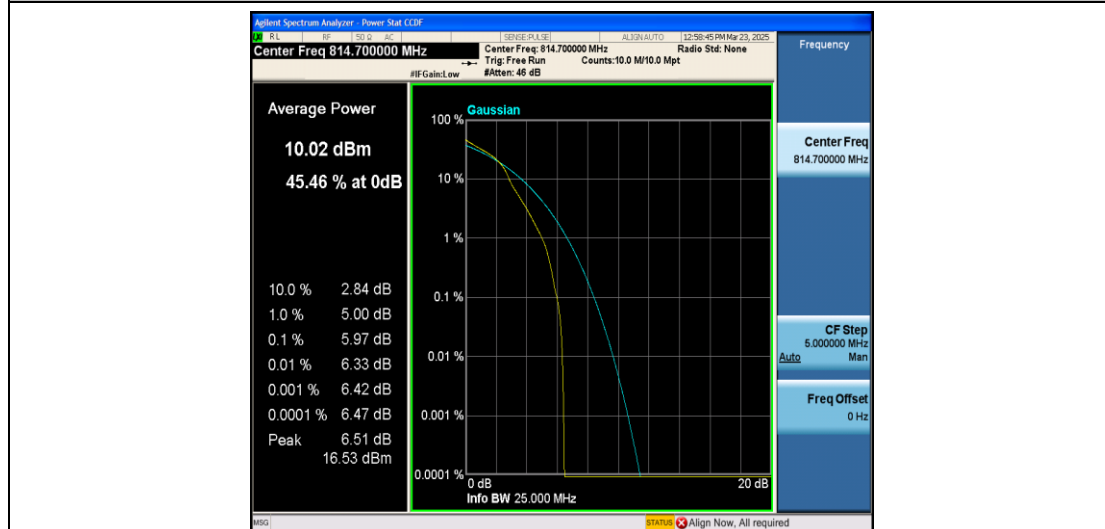
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	5.10	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	5.97	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.43	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.21	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	5.21	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	6.27	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.51	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.27	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	5.44	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	6.14	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.59	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.36	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	6.11	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	5.46	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	6.22	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	5.18	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	5.96	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.52	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	5.20	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	6.25	13	PASS

824)							
26(814-824)	3MHz	QPSK	26775	1RB#0	5.38	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	6.35	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.51	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.35	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	5.06	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	5.76	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.49	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	6.17	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	5.36	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	5.91	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.51	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	6.16	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	5.35	13	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	6.05	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.56	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	6.26	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	5.22	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	6.22	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.53	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	6.23	13	PASS

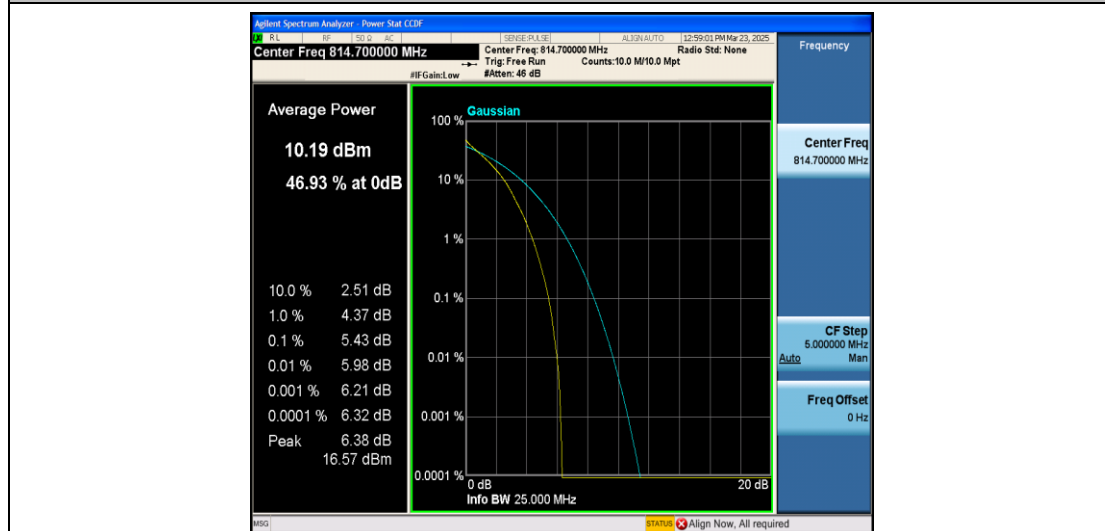
Test Graphs



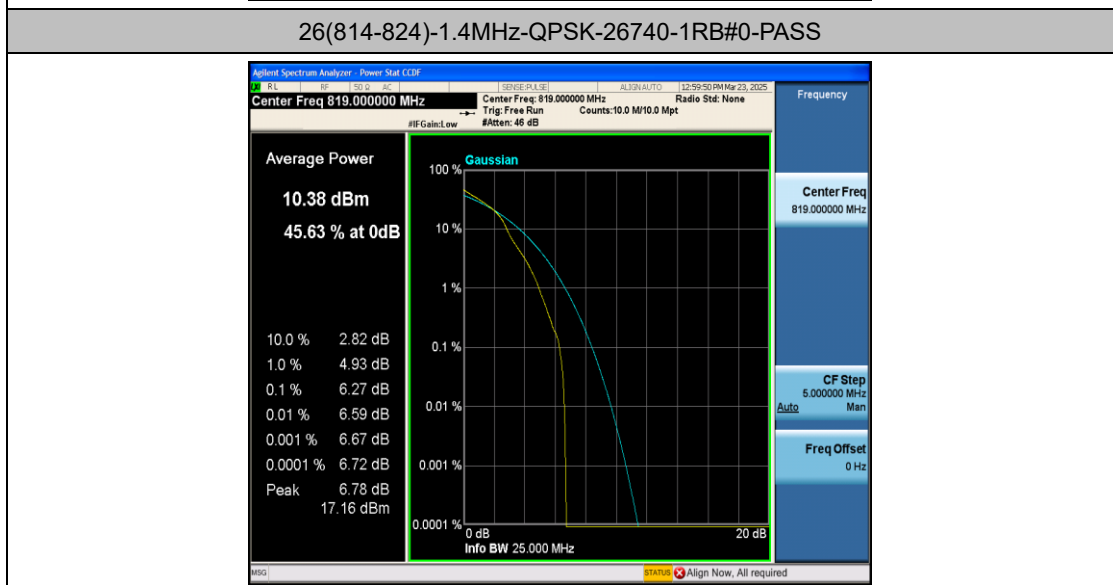
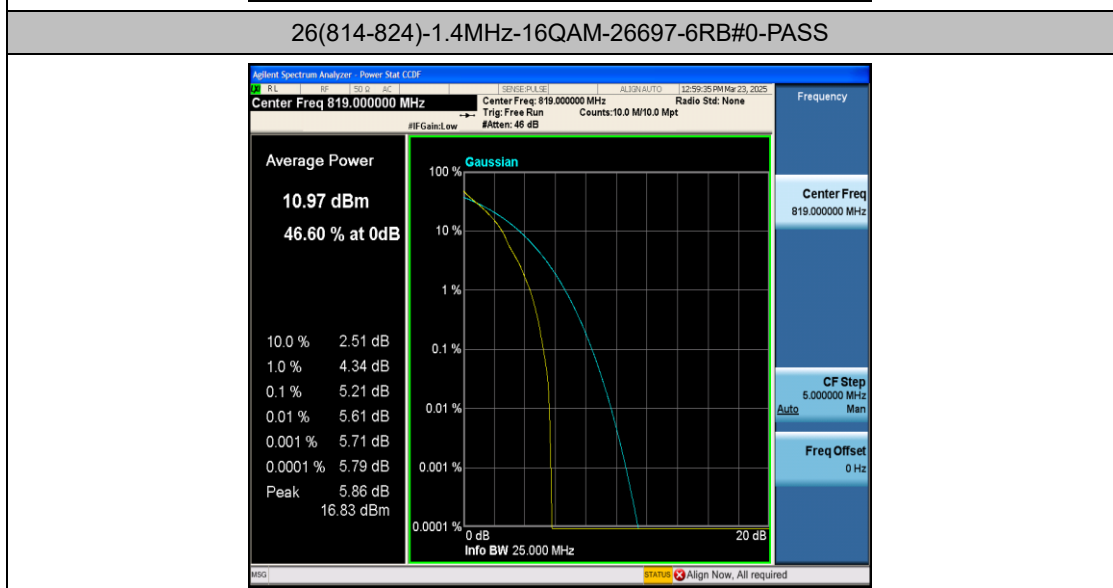
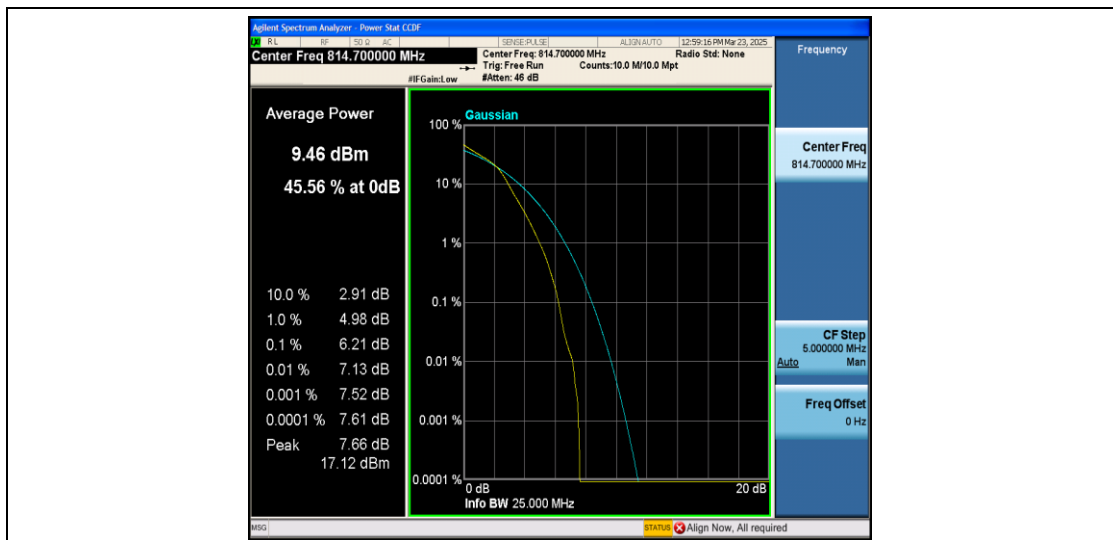
26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS

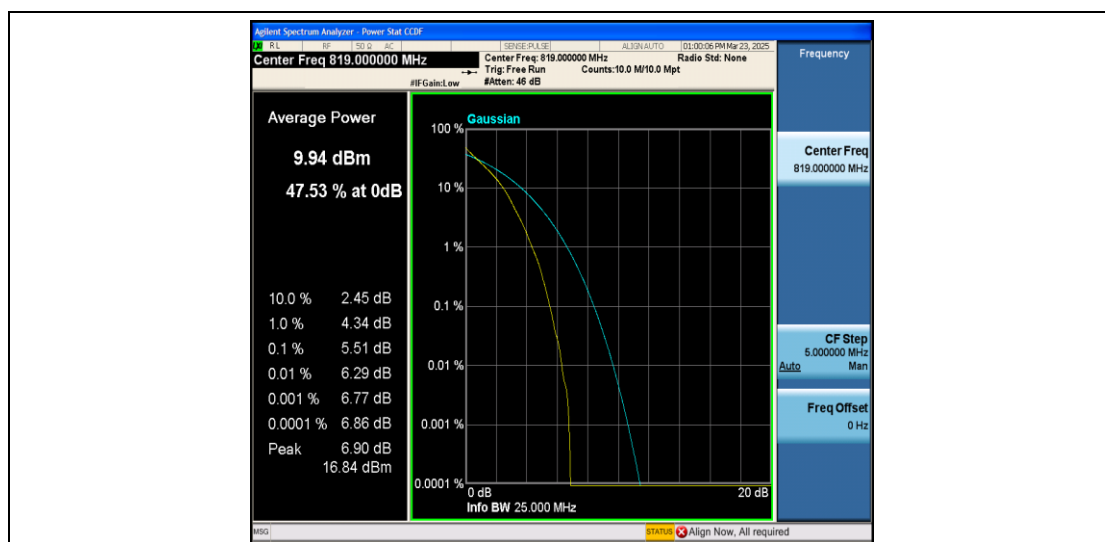


26(814-824)-1.4MHz-16QAM-26697-1RB#0-PASS

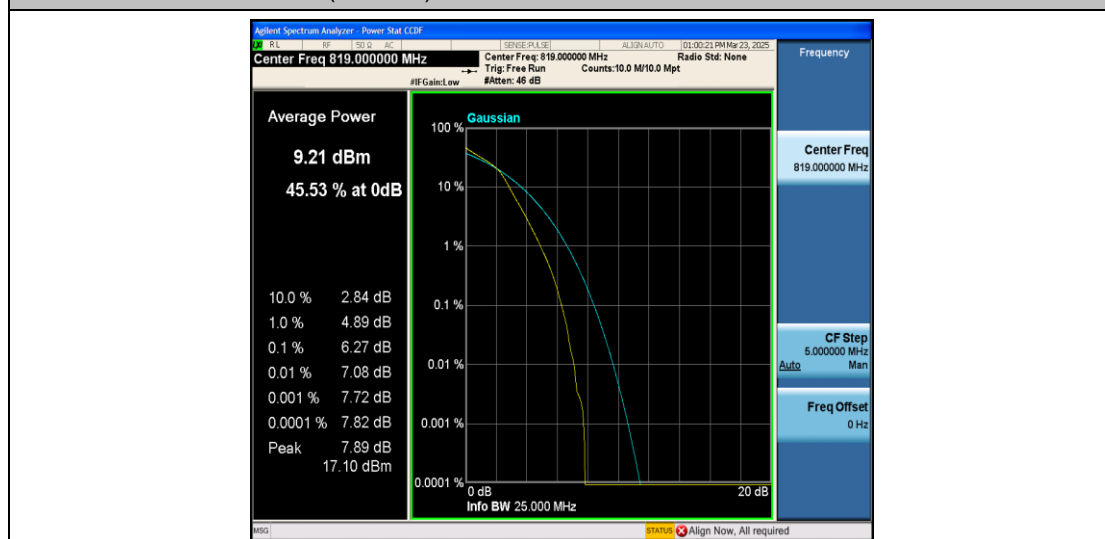


26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS

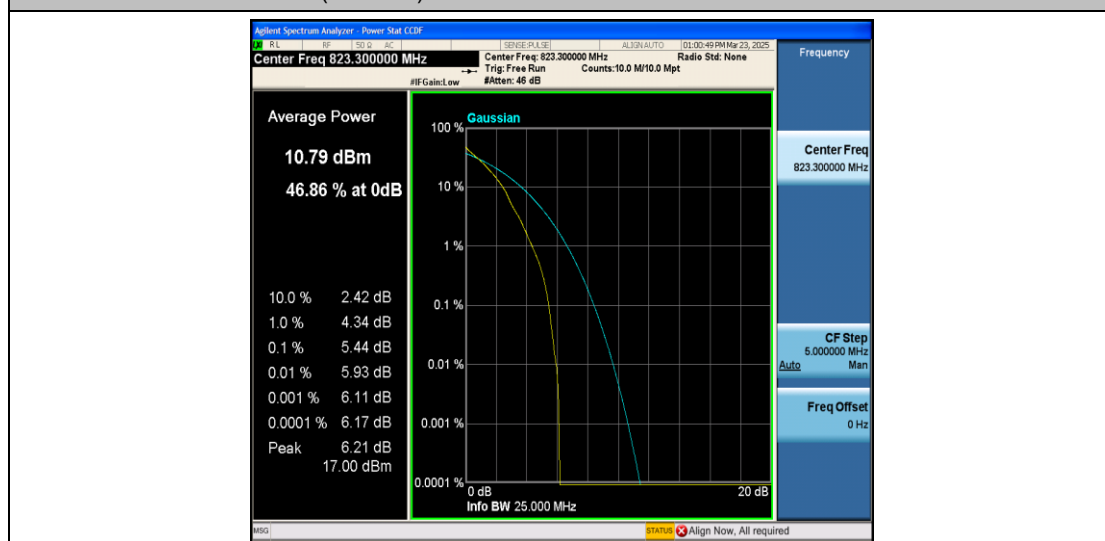




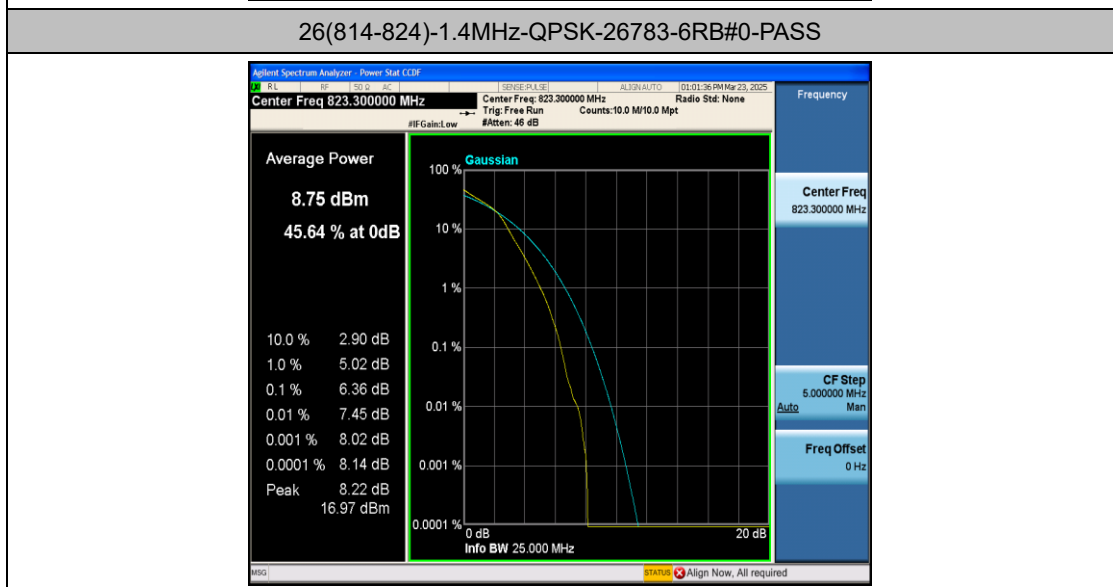
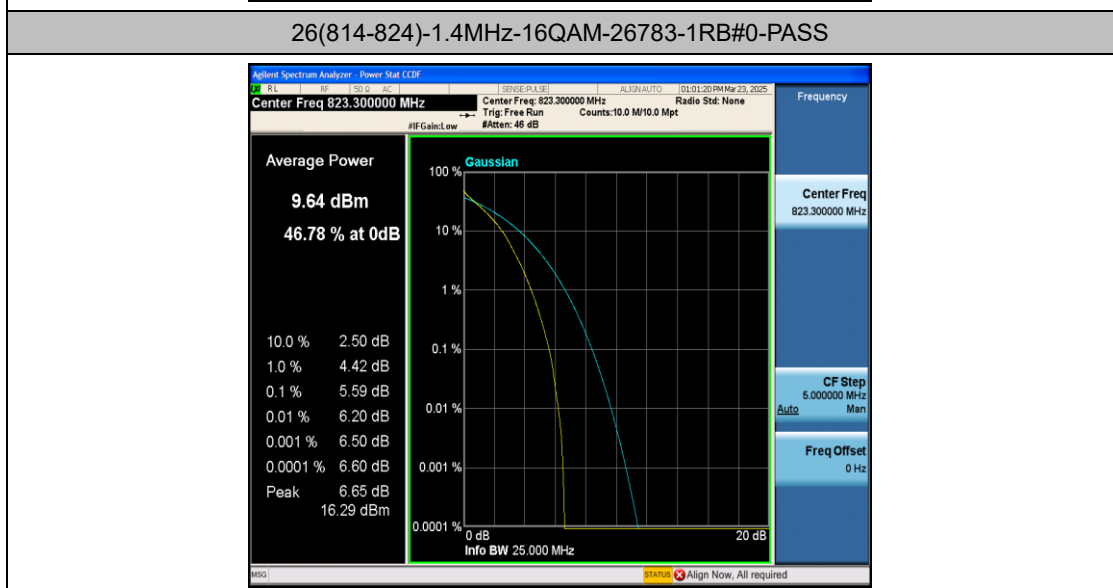
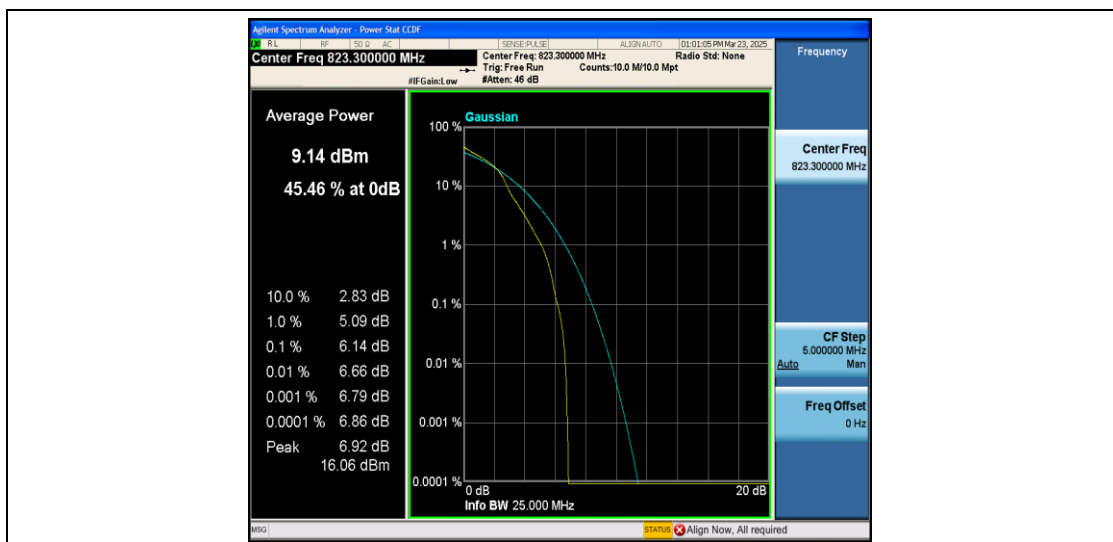
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS

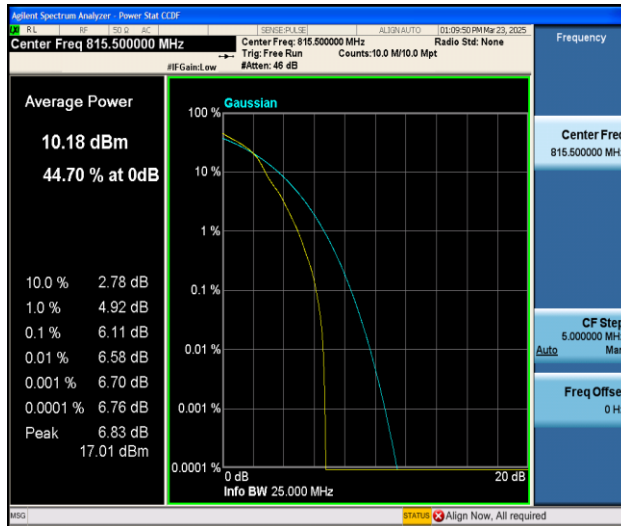


26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

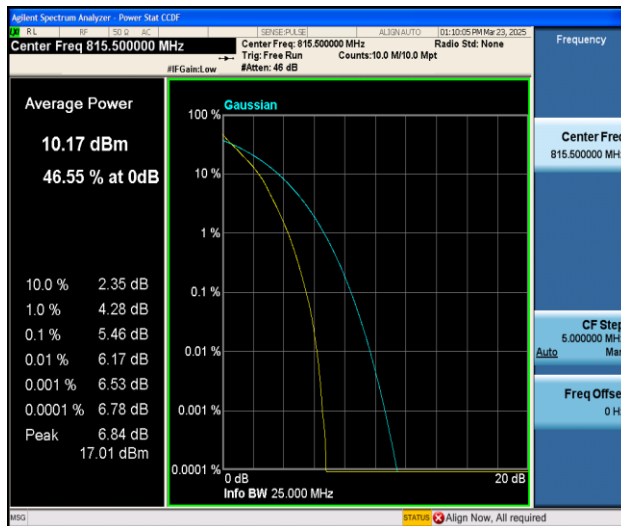


26(814-824)-1.4MHz-QPSK-26783-1RB#0-PASS

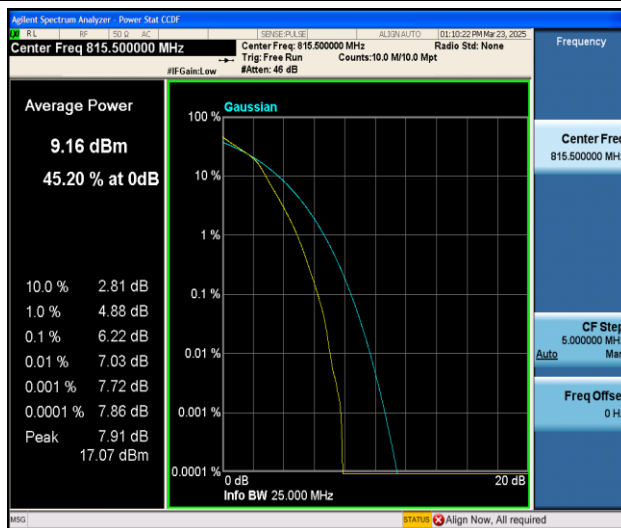




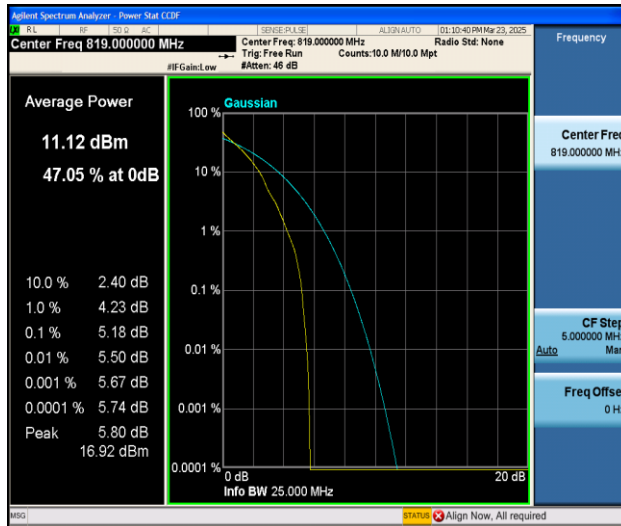
26(814-824)-3MHz-16QAM-26705-1RB#0-PASS



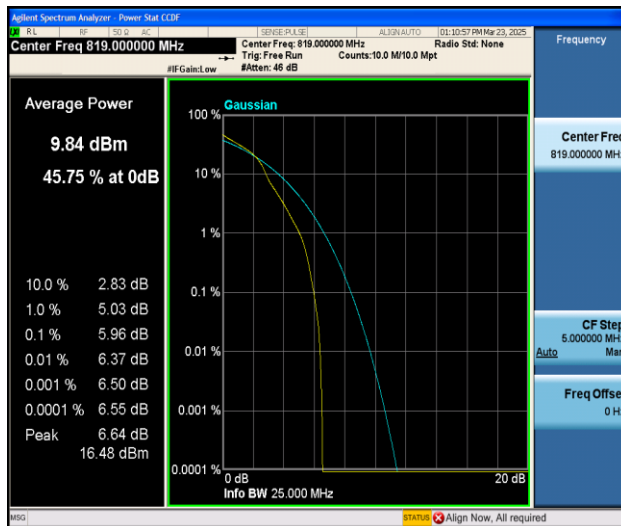
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



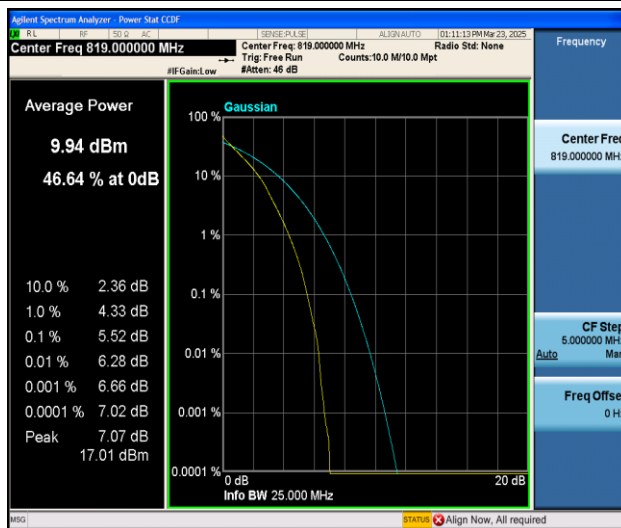
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



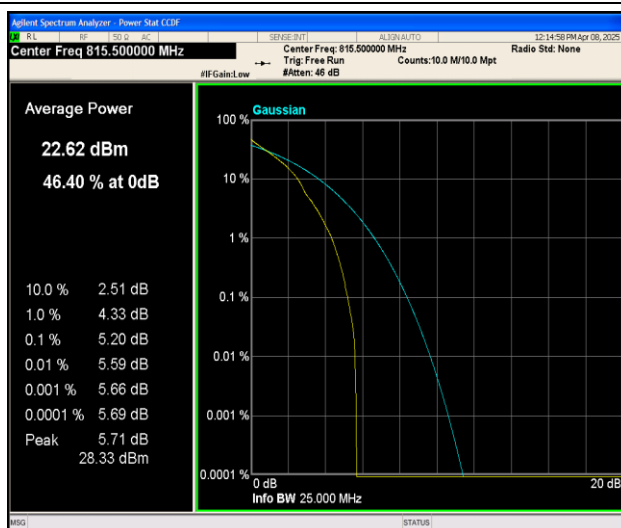
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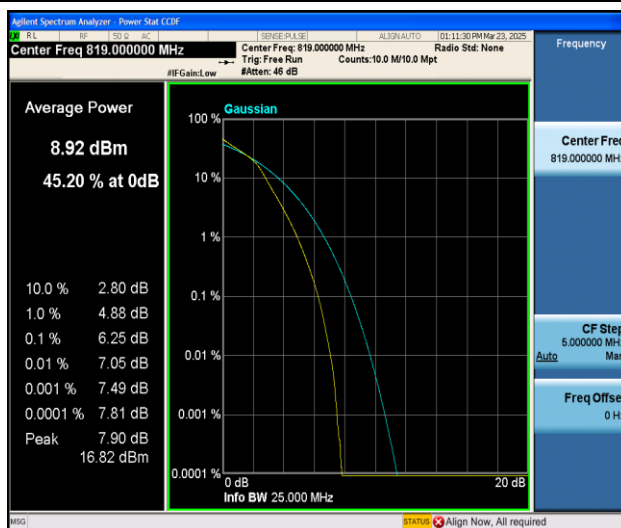
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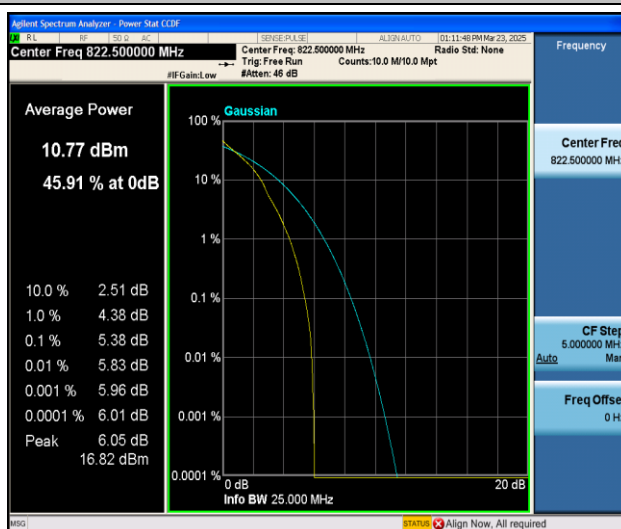
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



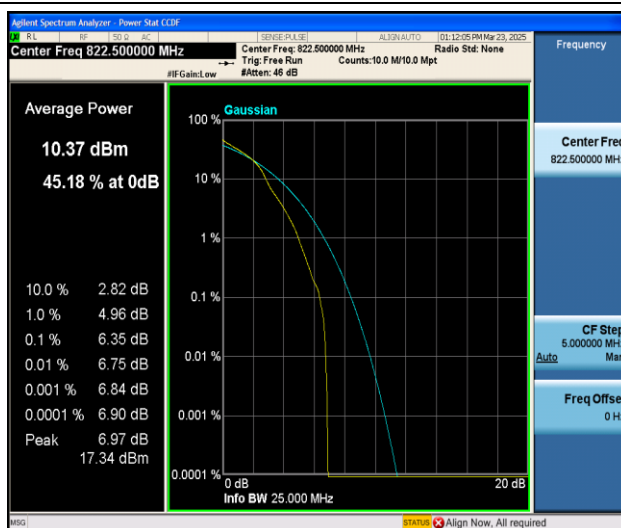
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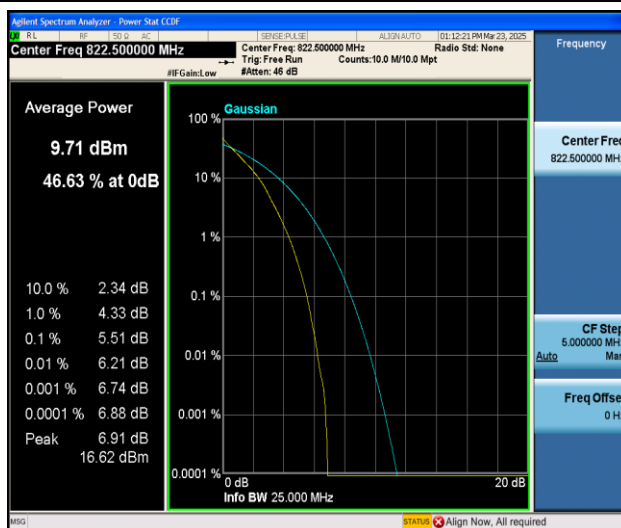
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



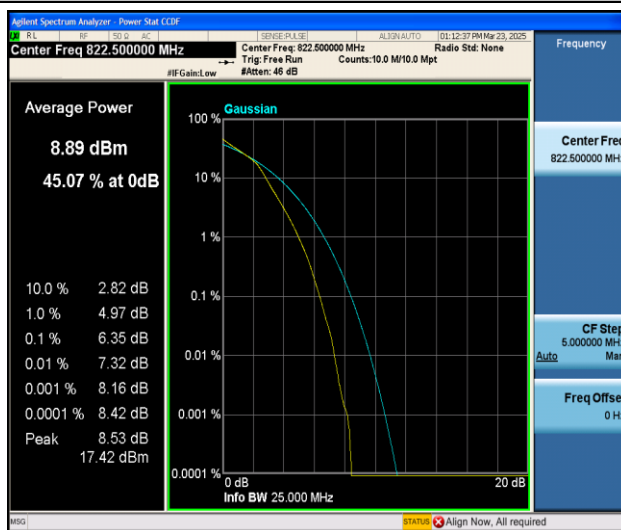
26(814-824)-3MHz-QPSK-26775-1RB#0-PASS



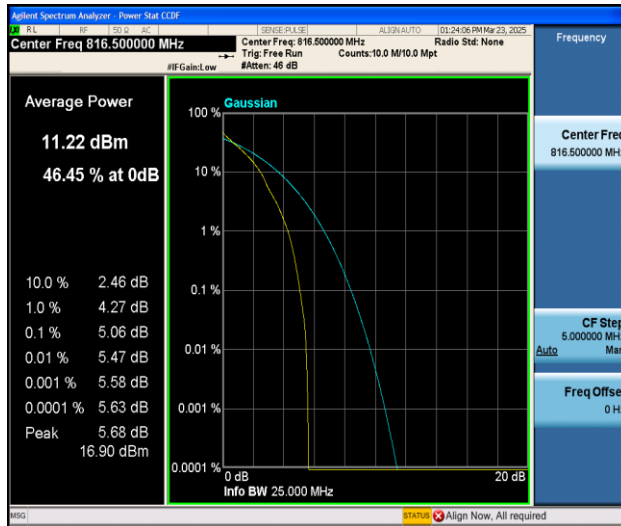
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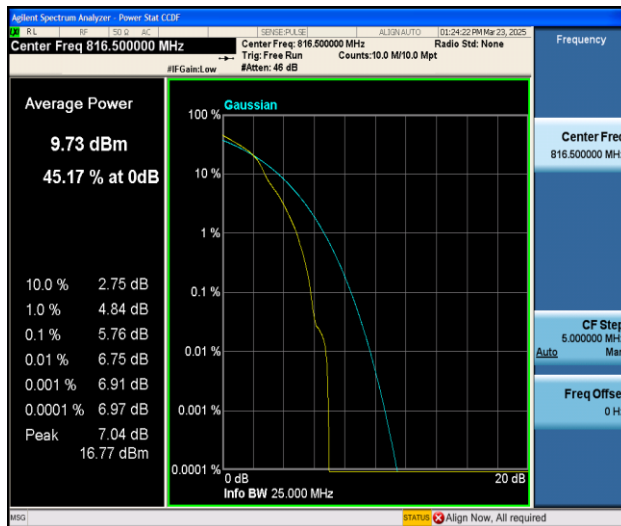
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



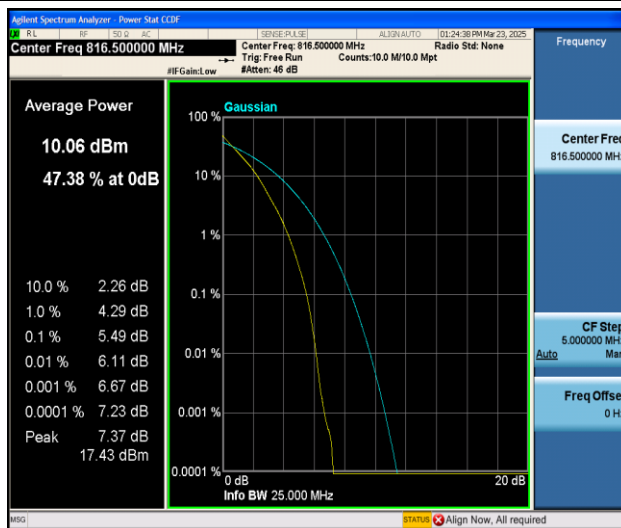
26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



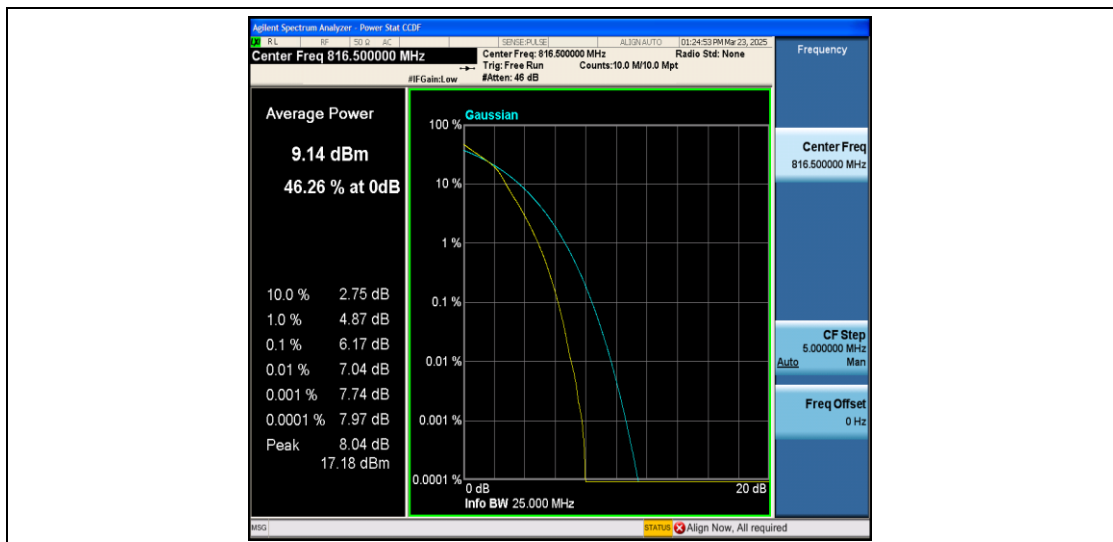
26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



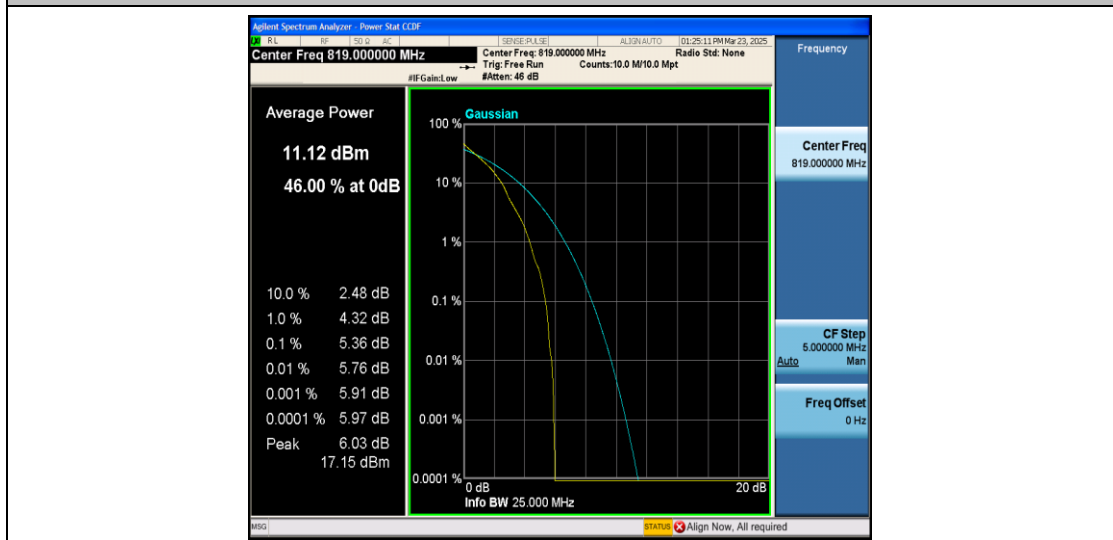
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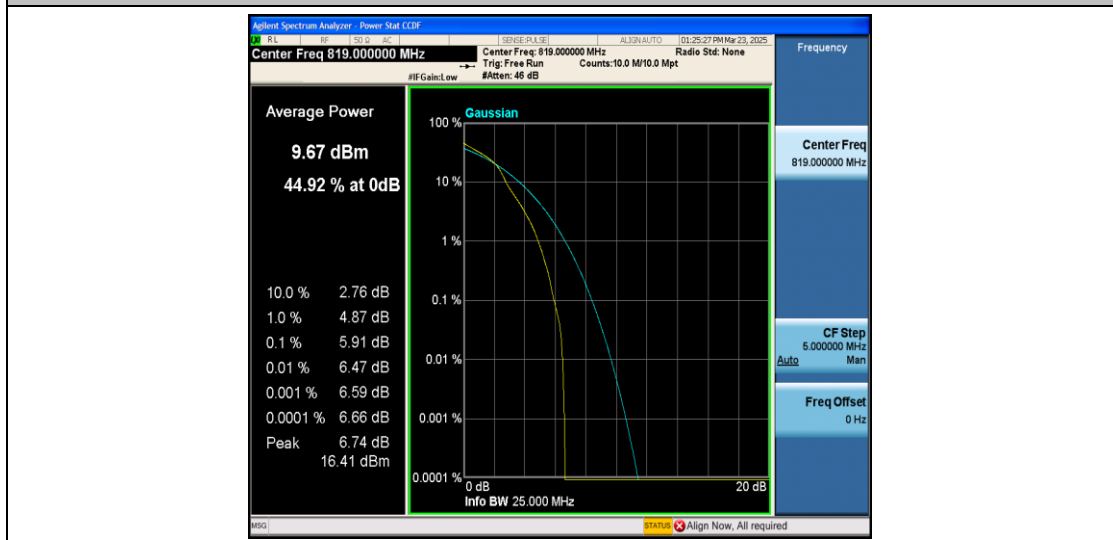
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



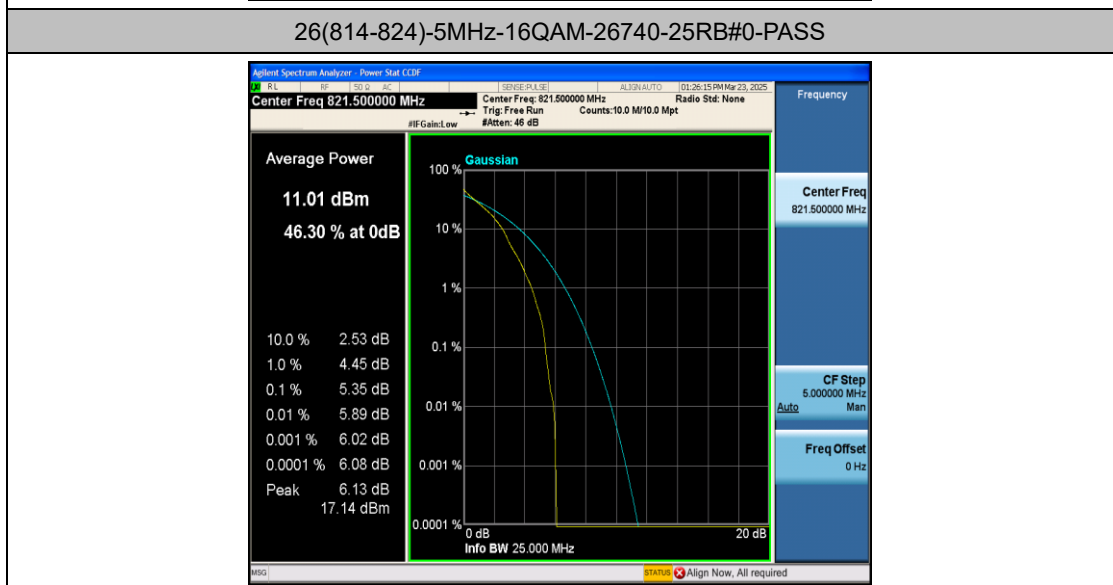
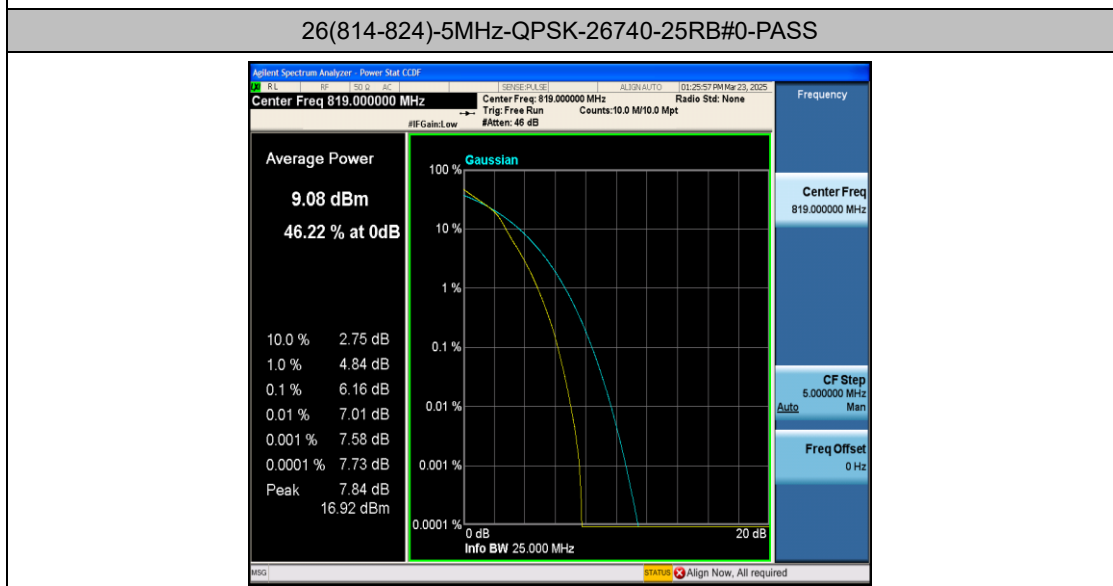
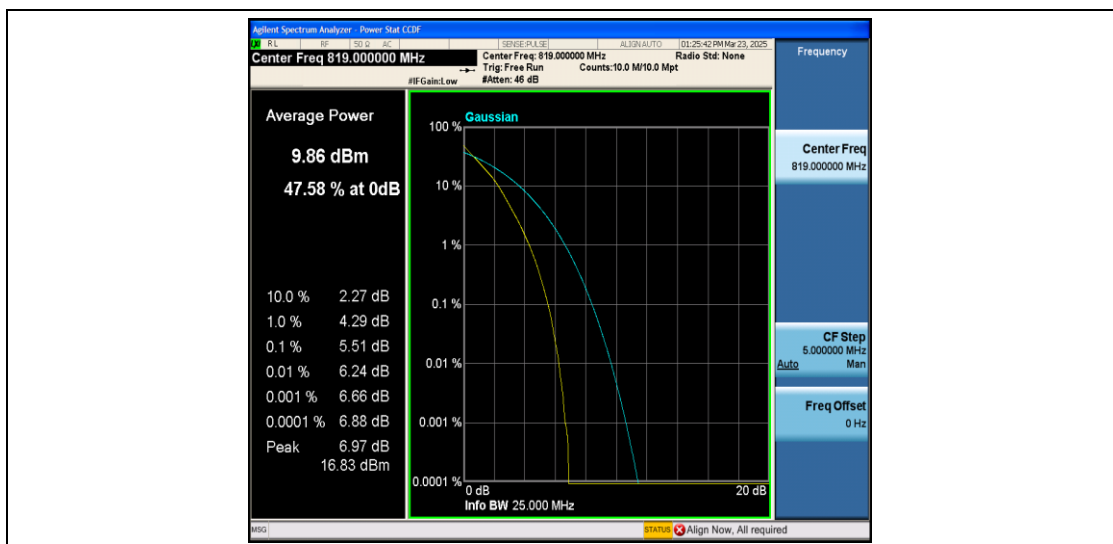
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS

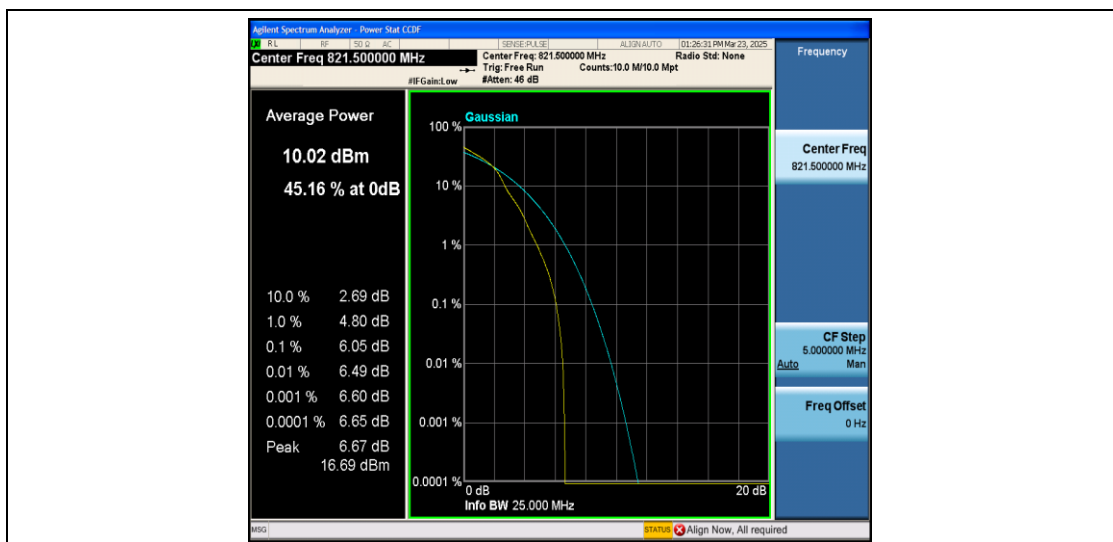


26(814-824)-5MHz-QPSK-26740-1RB#0-PASS

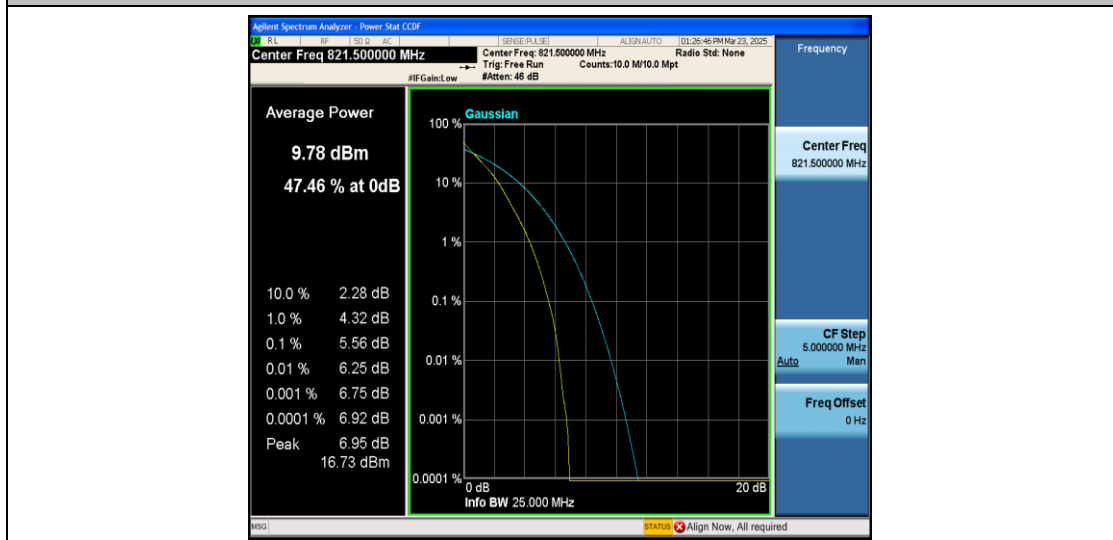


26(814-824)-5MHz-16QAM-26740-1RB#0-PASS

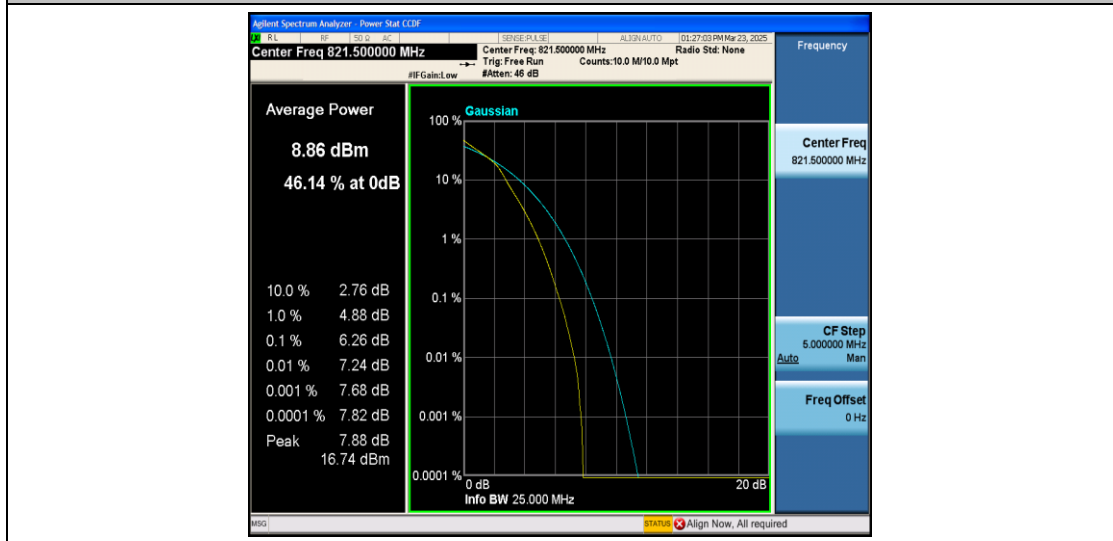




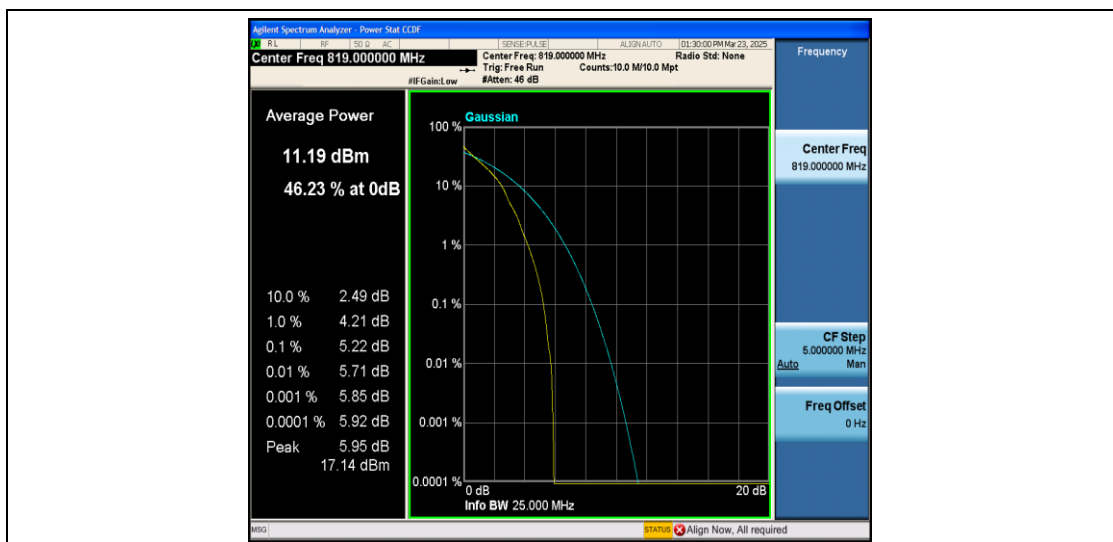
26(814-824)-5MHz-16QAM-26765-1RB#0-PASS



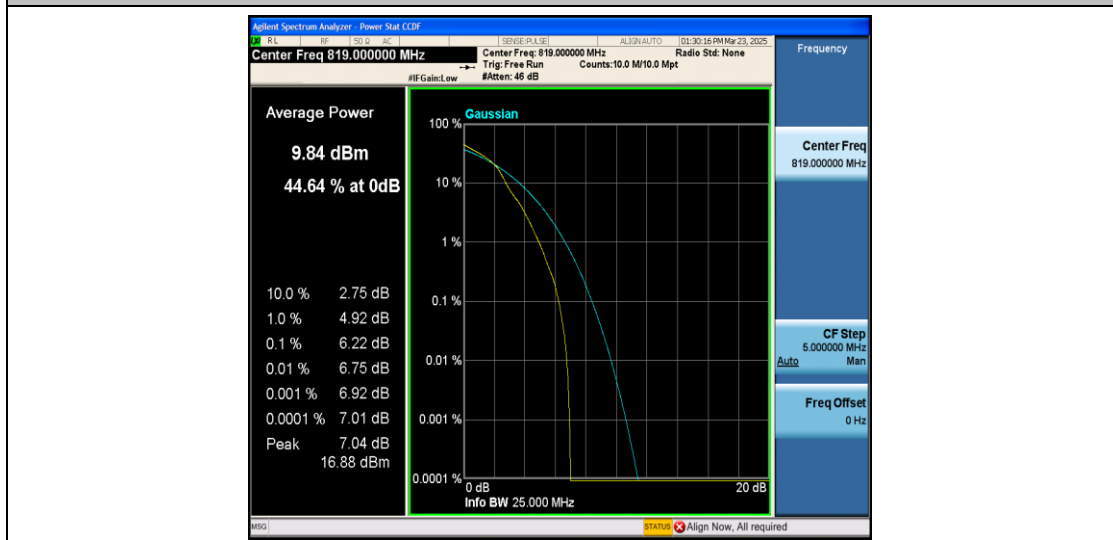
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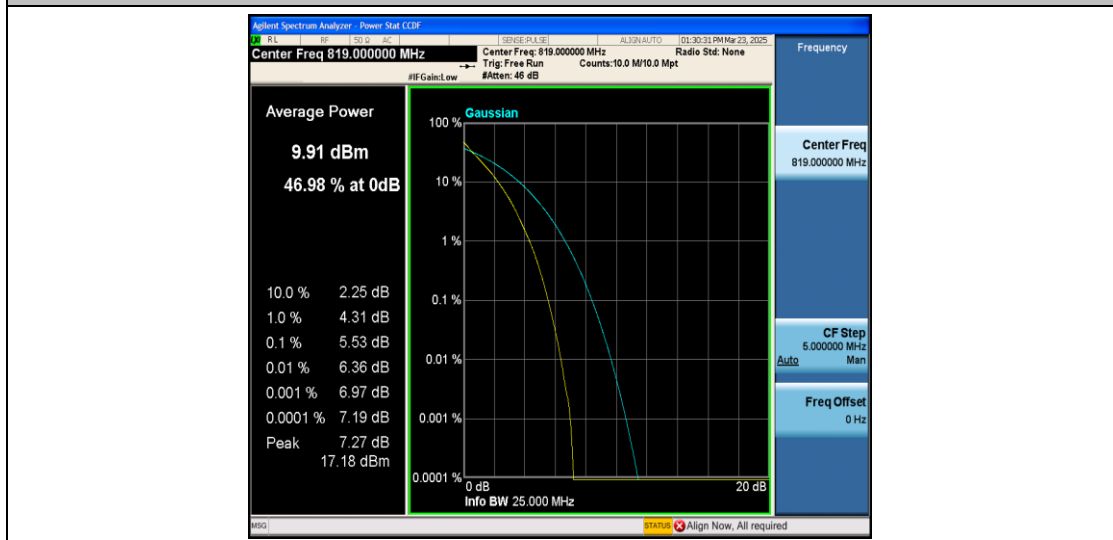
26(814-824)-5MHz-16QAM-26765-25RB#0-PASS



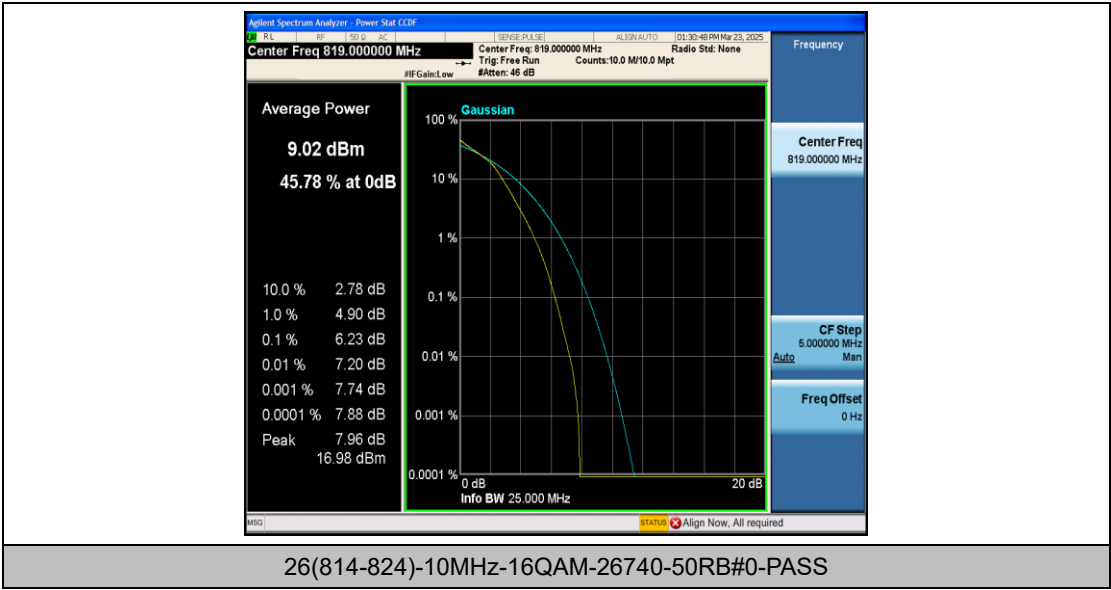
26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



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



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



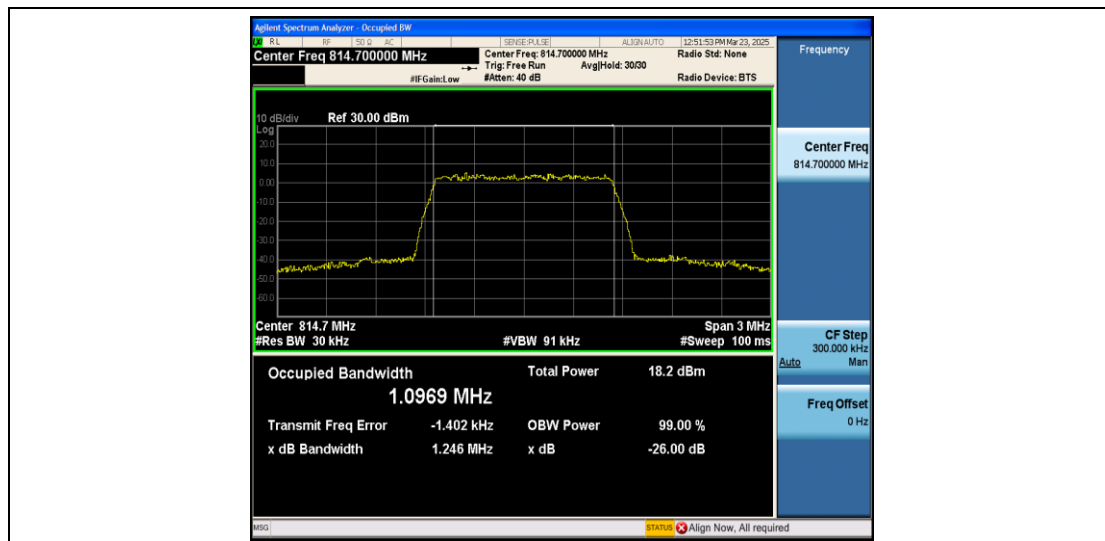
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

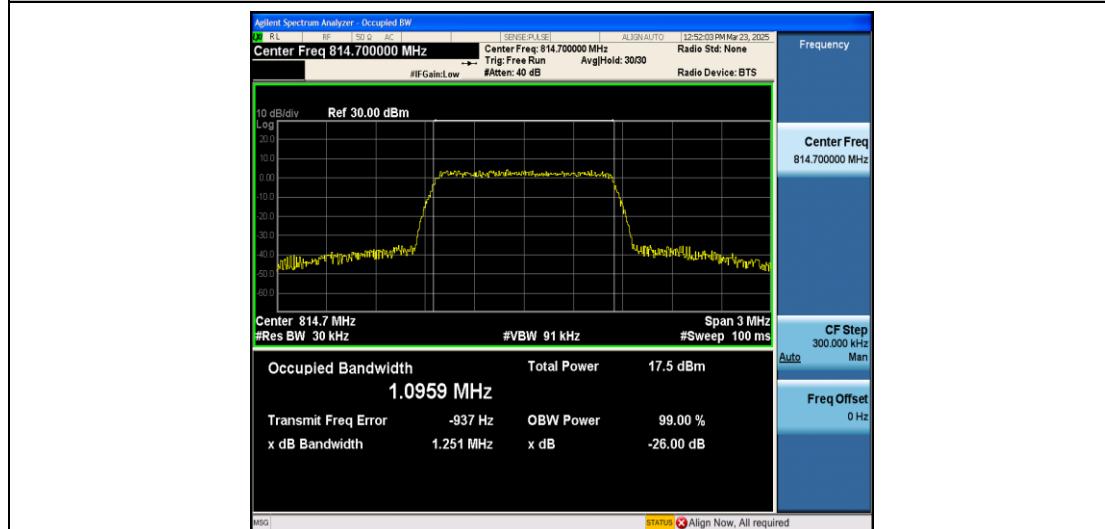
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0969	1.246	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0959	1.251	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0996	1.245	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0918	1.243	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0892	1.241	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0994	1.246	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7185	3.022	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6987	3.028	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7027	3.014	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7081	3.032	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7124	3.012	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7041	3.029	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5010	4.985	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.4988	4.963	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.4986	4.966	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5109	4.989	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5107	4.998	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5277	5.003	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9939	9.920	PASS

824)							
26(814-824)	10MHz	16QAM	26740	50RB#0	8.9925	9.929	PASS

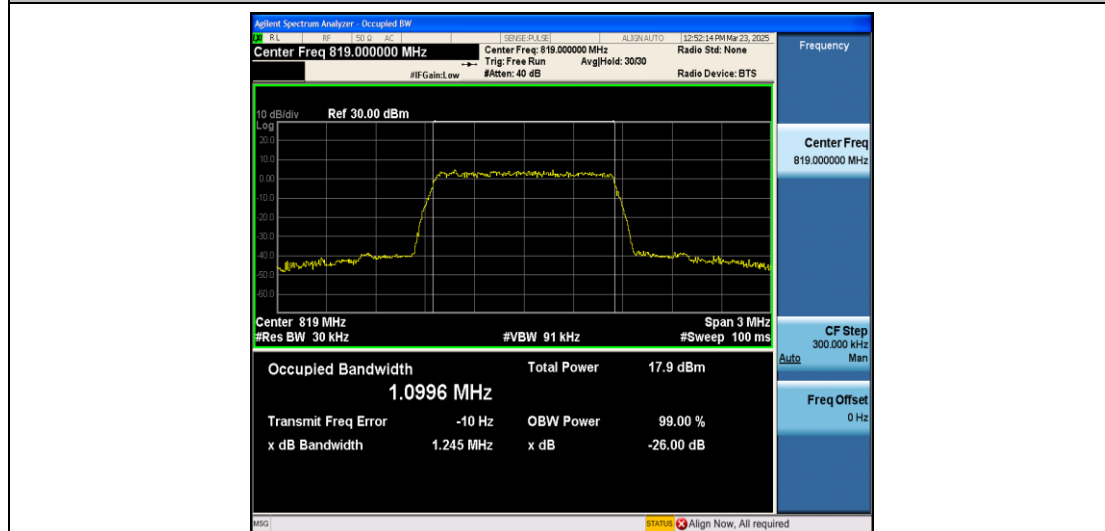
Test Graphs



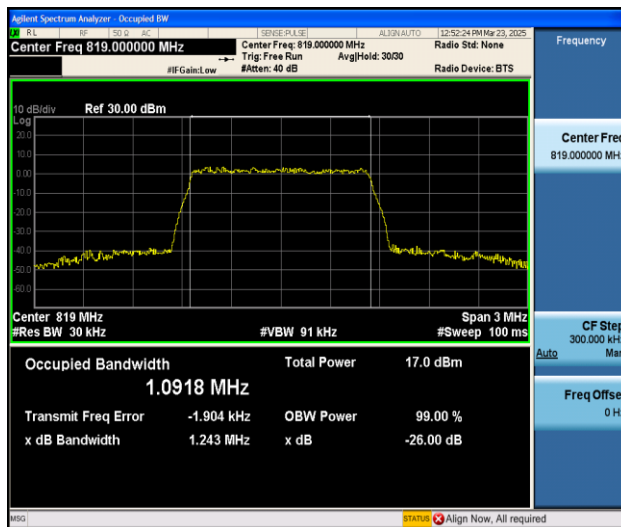
26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



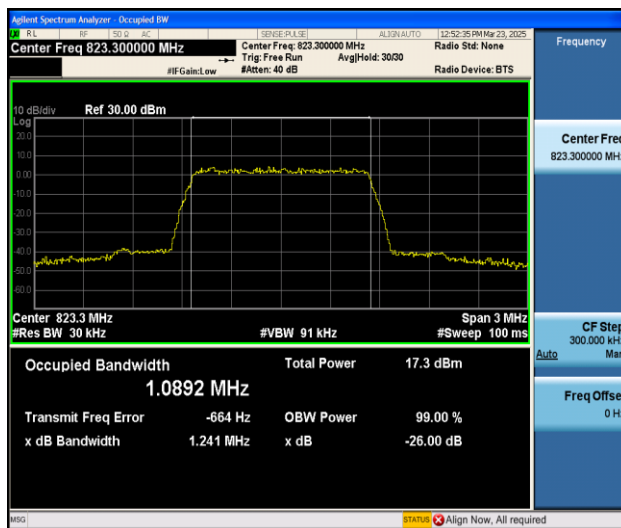
26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



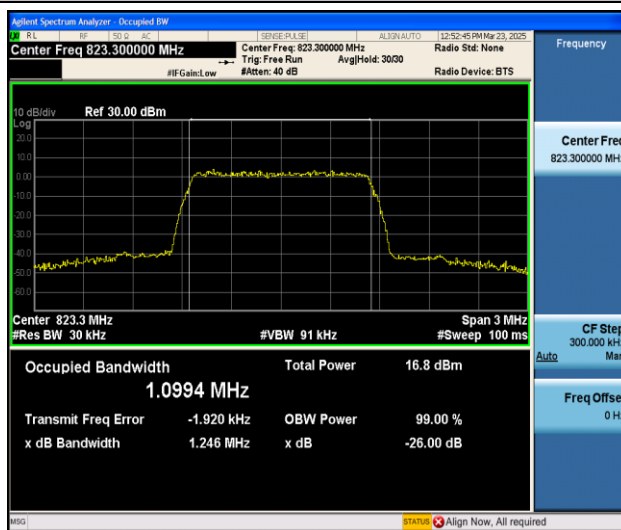
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



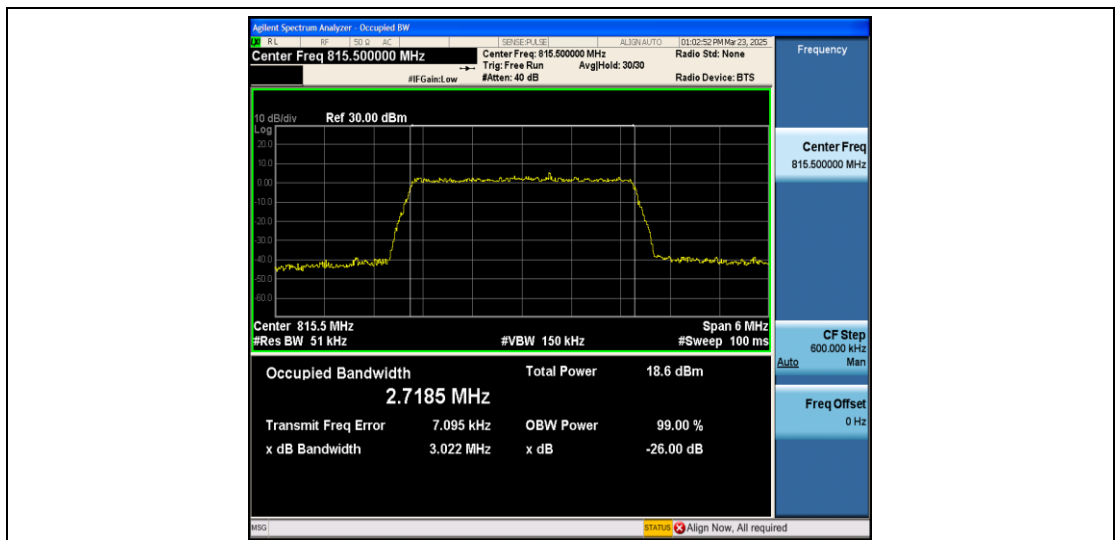
26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



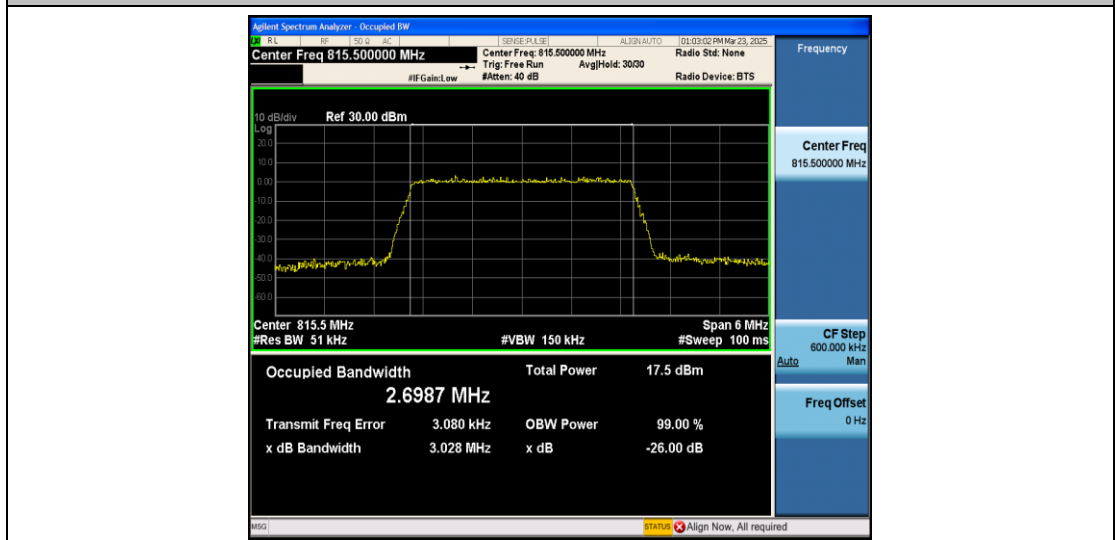
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



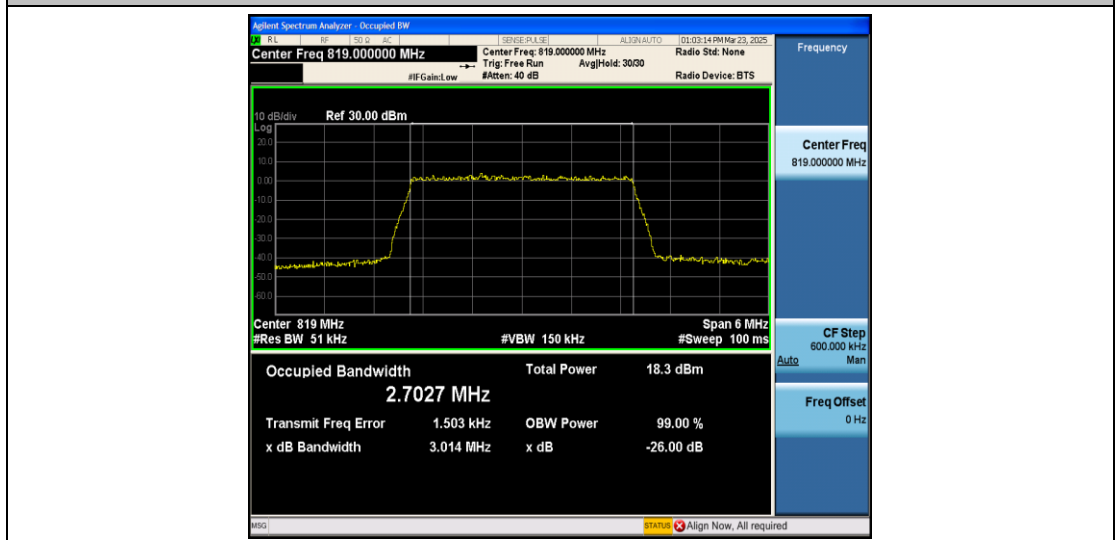
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



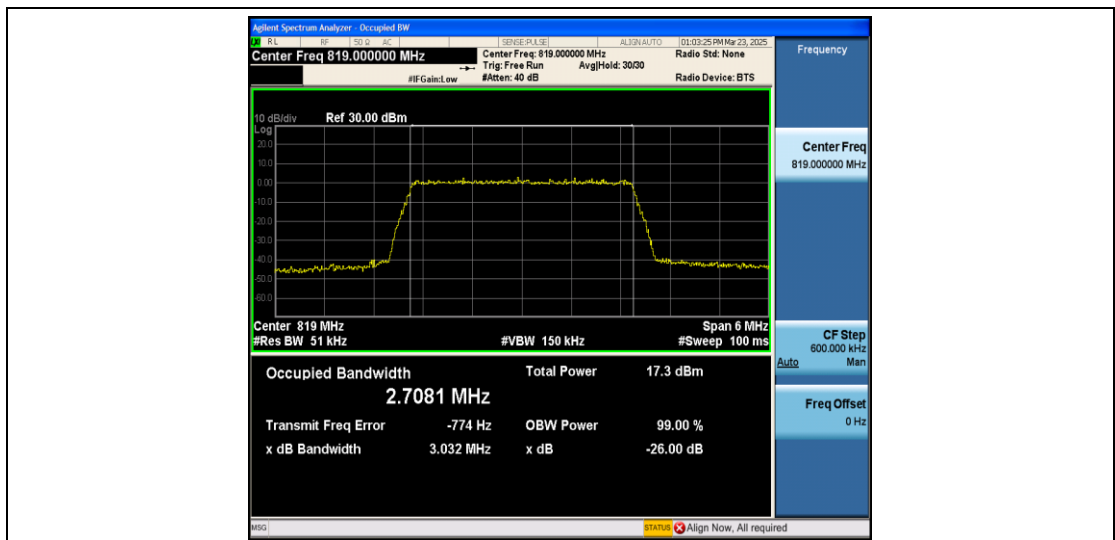
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



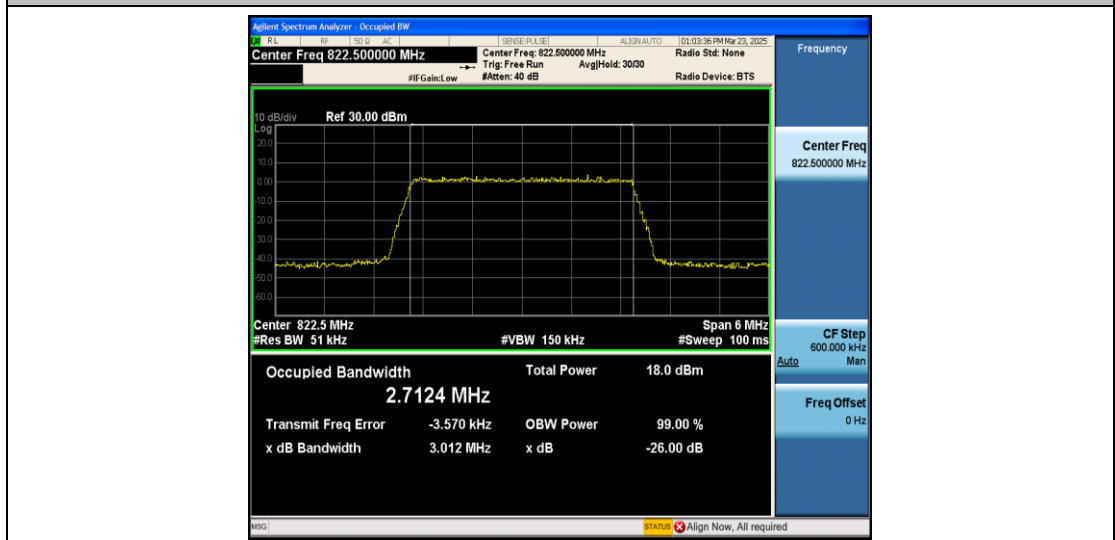
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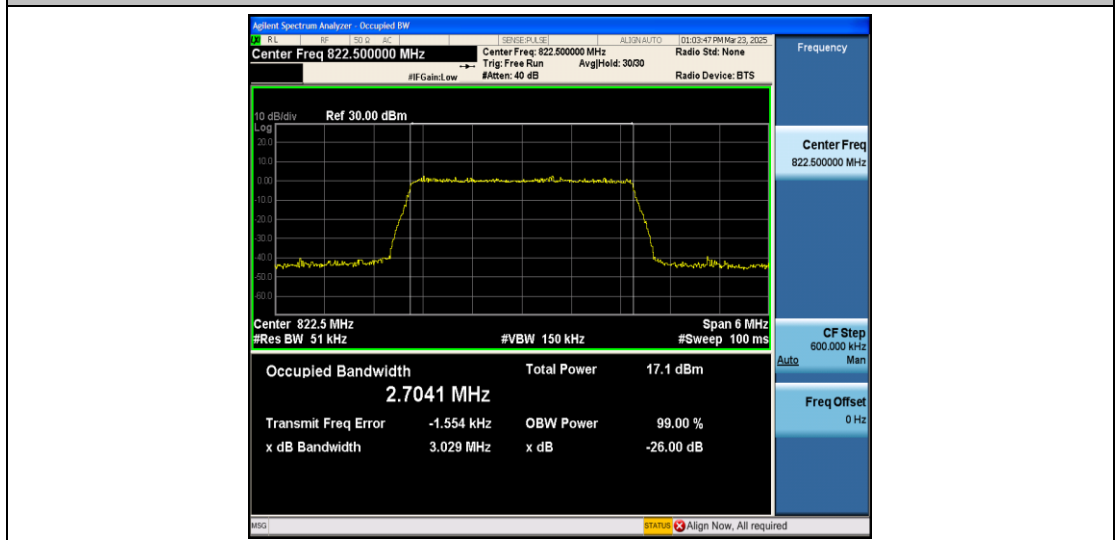
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



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



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



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