



Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

No.:GRCTR250502011-07

SMS Gateway

M/N:ACOM664L-64-EG91

FCC ID:2BLXD-ACOM664L

Applicant:Shenzhen ejoin technology co.,ltd.

Appendix for LTE Band 26(814-824)



Shenzhen GUOREN Certification Technology Service Co., Ltd.

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Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.36	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.21	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.42	PASS
Band26(814-824)	1.4MHz	QPSK	26697	3RB#0	23.30	PASS
Band26(814-824)	1.4MHz	QPSK	26697	3RB#1	23.40	PASS
Band26(814-824)	1.4MHz	QPSK	26697	3RB#3	23.45	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.35	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.54	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.26	PASS
Band26(814-824)	1.4MHz	16QAM	26697	3RB#0	22.19	PASS
Band26(814-824)	1.4MHz	16QAM	26697	3RB#1	22.46	PASS
Band26(814-824)	1.4MHz	16QAM	26697	3RB#3	22.10	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.42	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.77	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.69	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.65	PASS
Band26(814-824)	1.4MHz	QPSK	26740	3RB#0	23.60	PASS
Band26(814-824)	1.4MHz	QPSK	26740	3RB#1	23.80	PASS
Band26(814-824)	1.4MHz	QPSK	26740	3RB#3	23.49	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.67	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.53	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.69	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.69	PASS
Band26(814-824)	1.4MHz	16QAM	26740	3RB#0	22.46	PASS
Band26(814-824)	1.4MHz	16QAM	26740	3RB#1	22.36	PASS
Band26(814-824)	1.4MHz	16QAM	26740	3RB#3	22.08	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.71	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.56	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.51	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.72	PASS
Band26(814-824)	1.4MHz	QPSK	26783	3RB#0	23.51	PASS
Band26(814-824)	1.4MHz	QPSK	26783	3RB#1	23.52	PASS
Band26(814-824)	1.4MHz	QPSK	26783	3RB#3	23.68	PASS



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Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.60	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.39	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.30	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.54	PASS
Band26(814-824)	1.4MHz	16QAM	26783	3RB#0	22.43	PASS
Band26(814-824)	1.4MHz	16QAM	26783	3RB#1	22.44	PASS
Band26(814-824)	1.4MHz	16QAM	26783	3RB#3	22.60	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.52	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	23.34	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#8	23.34	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#14	23.47	PASS
Band26(814-824)	3MHz	QPSK	26705	8RB#0	22.46	PASS
Band26(814-824)	3MHz	QPSK	26705	8RB#4	22.41	PASS
Band26(814-824)	3MHz	QPSK	26705	8RB#7	22.43	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	22.61	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	22.55	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#8	22.47	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#14	22.61	PASS
Band26(814-824)	3MHz	16QAM	26705	8RB#0	21.65	PASS
Band26(814-824)	3MHz	16QAM	26705	8RB#4	21.48	PASS
Band26(814-824)	3MHz	16QAM	26705	8RB#7	21.58	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	21.52	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#0	23.85	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#8	23.69	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#14	23.85	PASS
Band26(814-824)	3MHz	QPSK	26740	8RB#0	22.61	PASS
Band26(814-824)	3MHz	QPSK	26740	8RB#4	22.64	PASS
Band26(814-824)	3MHz	QPSK	26740	8RB#7	22.72	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	22.61	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#0	22.69	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#8	22.68	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#14	22.70	PASS
Band26(814-824)	3MHz	16QAM	26740	8RB#0	21.58	PASS
Band26(814-824)	3MHz	16QAM	26740	8RB#4	21.59	PASS
Band26(814-824)	3MHz	16QAM	26740	8RB#7	21.67	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	21.65	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	23.89	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#8	23.74	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#14	23.94	PASS
Band26(814-824)	3MHz	QPSK	26775	8RB#0	22.50	PASS



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Band26(814-824)	3MHz	QPSK	26775	8RB#4	22.61	PASS
Band26(814-824)	3MHz	QPSK	26775	8RB#7	22.78	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	22.64	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#0	22.74	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#8	22.45	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#14	22.80	PASS
Band26(814-824)	3MHz	16QAM	26775	8RB#0	21.55	PASS
Band26(814-824)	3MHz	16QAM	26775	8RB#4	21.65	PASS
Band26(814-824)	3MHz	16QAM	26775	8RB#7	21.74	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	21.53	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	23.44	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#12	23.51	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#24	23.61	PASS
Band26(814-824)	5MHz	QPSK	26715	12RB#0	22.64	PASS
Band26(814-824)	5MHz	QPSK	26715	12RB#6	22.59	PASS
Band26(814-824)	5MHz	QPSK	26715	12RB#13	22.60	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	22.56	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	22.46	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#12	22.41	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#24	22.59	PASS
Band26(814-824)	5MHz	16QAM	26715	12RB#0	21.52	PASS
Band26(814-824)	5MHz	16QAM	26715	12RB#6	21.63	PASS
Band26(814-824)	5MHz	16QAM	26715	12RB#13	21.61	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	21.79	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#0	23.73	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#12	23.69	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#24	23.88	PASS
Band26(814-824)	5MHz	QPSK	26740	12RB#0	22.61	PASS
Band26(814-824)	5MHz	QPSK	26740	12RB#6	22.64	PASS
Band26(814-824)	5MHz	QPSK	26740	12RB#13	22.70	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	22.72	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#0	22.62	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#12	22.71	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#24	22.36	PASS
Band26(814-824)	5MHz	16QAM	26740	12RB#0	21.83	PASS
Band26(814-824)	5MHz	16QAM	26740	12RB#6	21.73	PASS
Band26(814-824)	5MHz	16QAM	26740	12RB#13	21.69	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	21.73	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	23.65	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#12	23.40	PASS



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Band26(814-824)	5MHz	QPSK	26765	1RB#24	23.90	PASS
Band26(814-824)	5MHz	QPSK	26765	12RB#0	22.56	PASS
Band26(814-824)	5MHz	QPSK	26765	12RB#6	22.58	PASS
Band26(814-824)	5MHz	QPSK	26765	12RB#13	22.82	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	22.67	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#0	22.53	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#12	22.51	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#24	22.86	PASS
Band26(814-824)	5MHz	16QAM	26765	12RB#0	21.63	PASS
Band26(814-824)	5MHz	16QAM	26765	12RB#6	21.54	PASS
Band26(814-824)	5MHz	16QAM	26765	12RB#13	21.88	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	21.86	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	23.41	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#24	23.34	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#49	23.77	PASS
Band26(814-824)	10MHz	QPSK	26740	25RB#0	22.68	PASS
Band26(814-824)	10MHz	QPSK	26740	25RB#12	22.72	PASS
Band26(814-824)	10MHz	QPSK	26740	25RB#25	22.79	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	22.56	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	22.36	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#24	22.46	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#49	22.92	PASS
Band26(814-824)	10MHz	16QAM	26740	25RB#0	21.72	PASS
Band26(814-824)	10MHz	16QAM	26740	25RB#12	21.54	PASS
Band26(814-824)	10MHz	16QAM	26740	25RB#25	21.79	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	3.81	13	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.62	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	4.64	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.45	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#0	4.52	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.07	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#0	5.70	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.90	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	4.38	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	4.93	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	5.42	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	5.79	13	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	3.76	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	4.96	13	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	4.65	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	5.77	13	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#0	4.51	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	5.20	13	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#0	5.39	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	6.02	13	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	4.54	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	5.14	13	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#0	5.53	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	5.96	13	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	3.76	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	5.10	13	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	4.64	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	5.83	13	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#0	4.34	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.20	13	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#0	5.25	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	5.97	13	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	4.56	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	5.14	13	PASS



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Band26(814-824)	5MHz	16QAM	26765	1RB#0	5.40	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	5.91	13	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	3.84	13	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.19	13	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	4.73	13	PASS

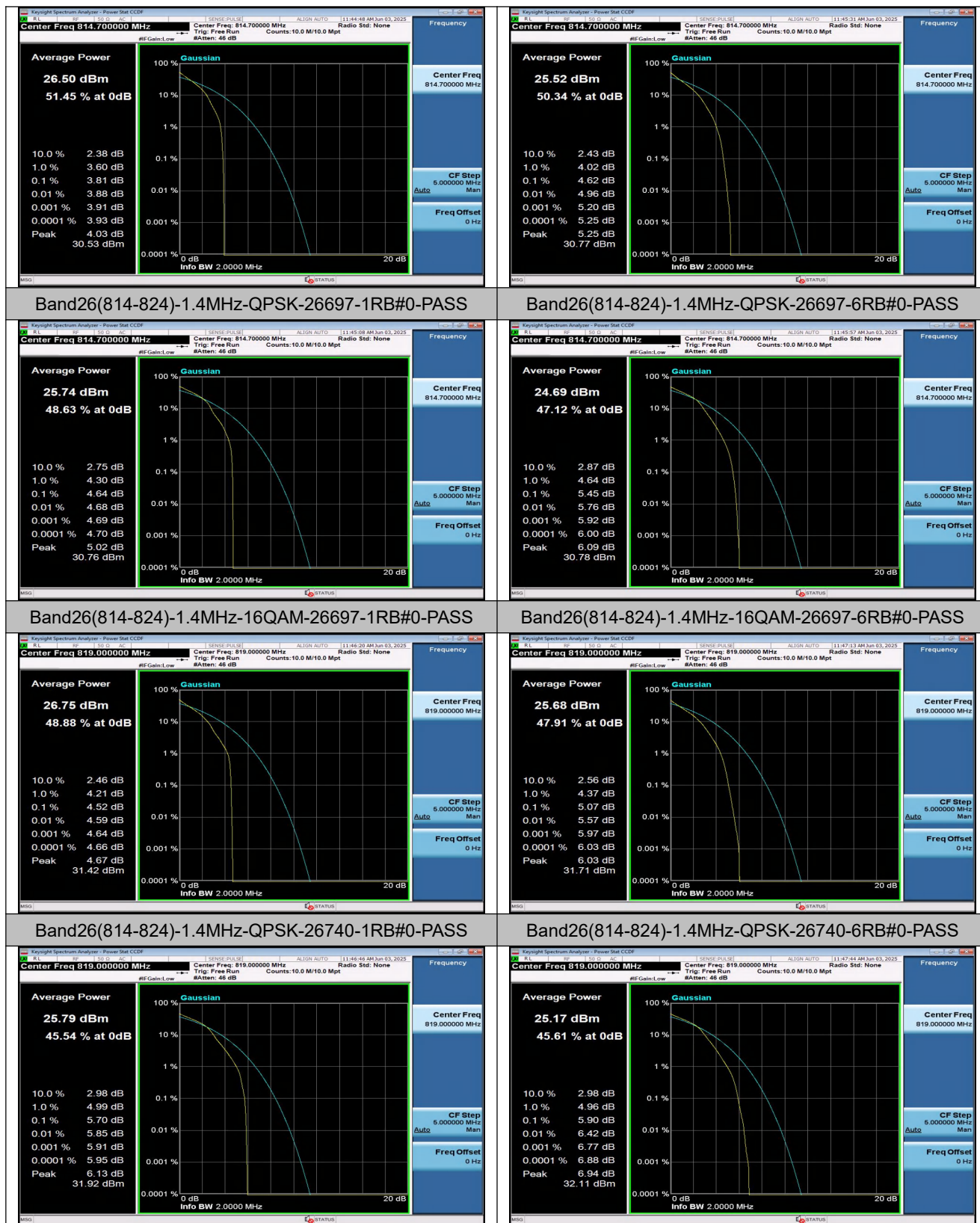


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Test Graphs





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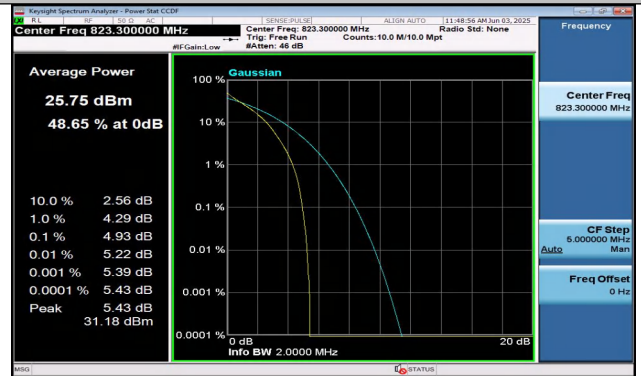
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Band26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS



Band26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



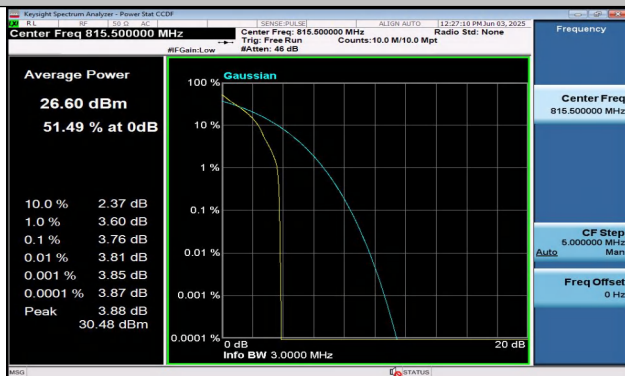
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Band26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



Band26(814-824)-1.4MHz-16QAM-26783-1RB#0-PASS



Band26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



Band26(814-824)-3MHz-QPSK-26705-1RB#0-PASS



Band26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



Band26(814-824)-3MHz-16QAM-26705-1RB#0-PASS

Band26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



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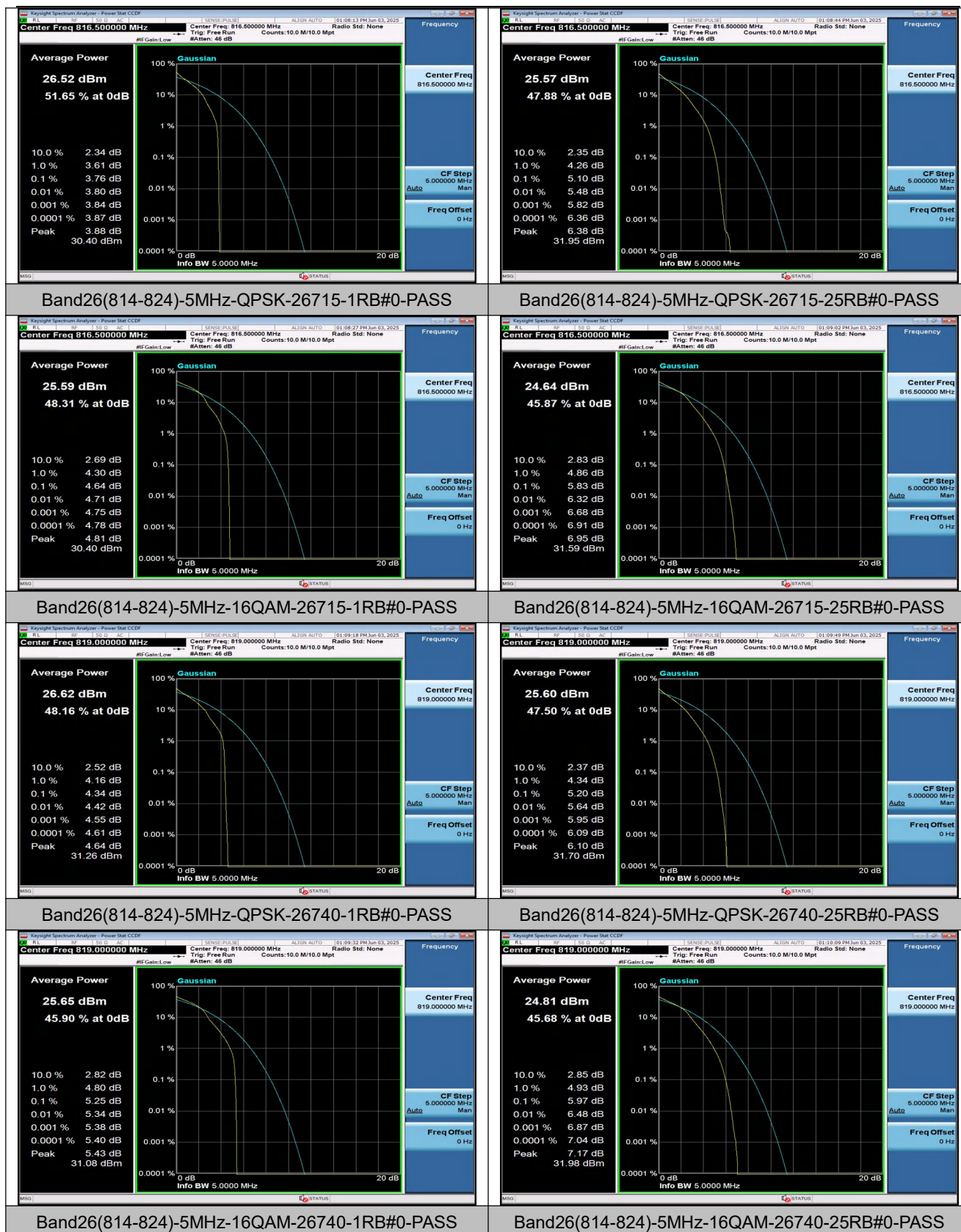




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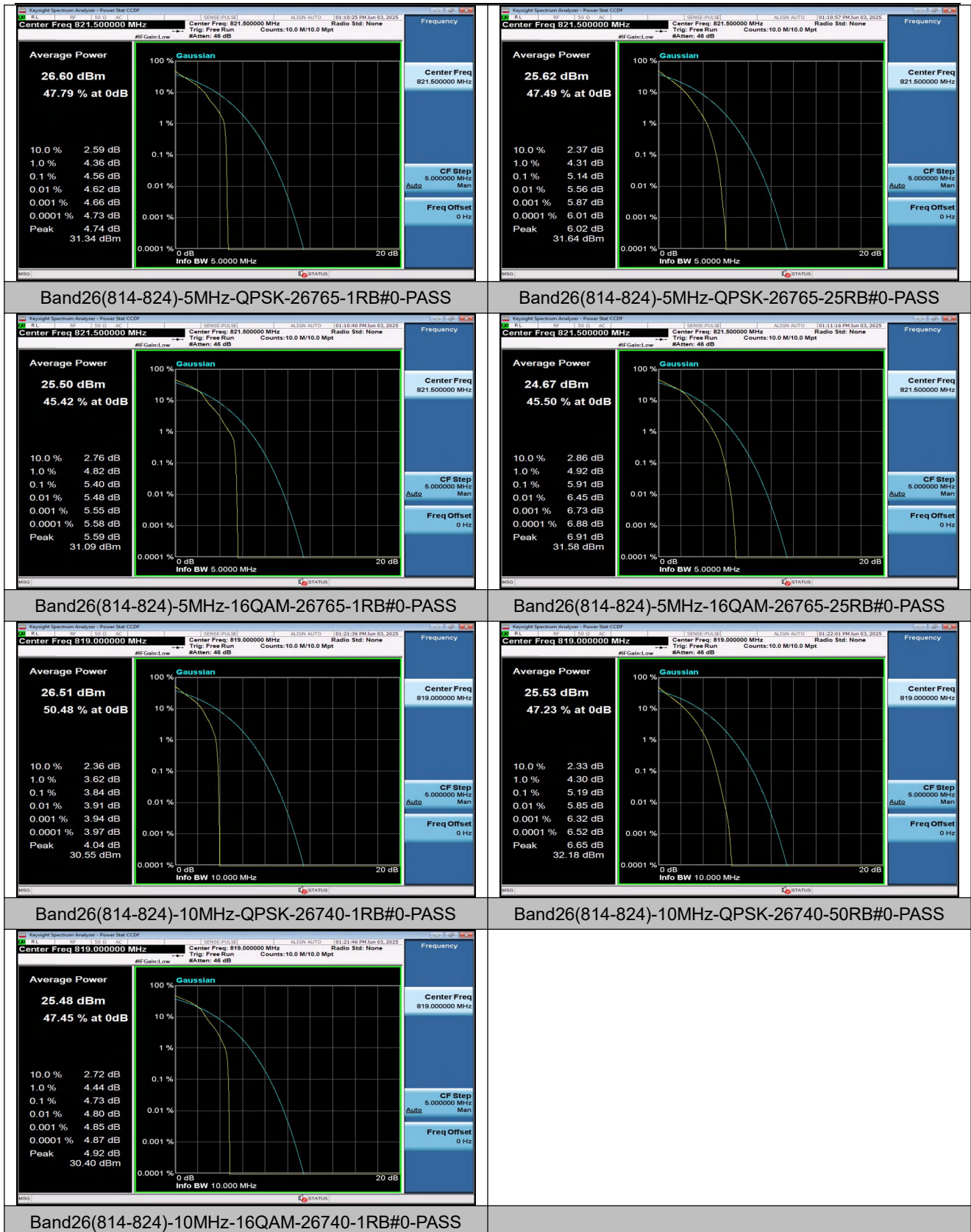




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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0954	1.322	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0979	1.288	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0950	1.285	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0991	1.297	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0971	1.289	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0916	1.277	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.6977	2.948	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6906	2.975	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6988	2.962	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6950	2.983	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.6984	2.970	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6927	2.963	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.5098	5.012	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.5063	4.963	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.5054	4.992	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.5121	5.028	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5082	4.994	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.4971	4.986	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9950	9.975	PASS
Band26(814-824)	10MHz	16QAM	26740	27RB#0	4.9734	5.877	PASS

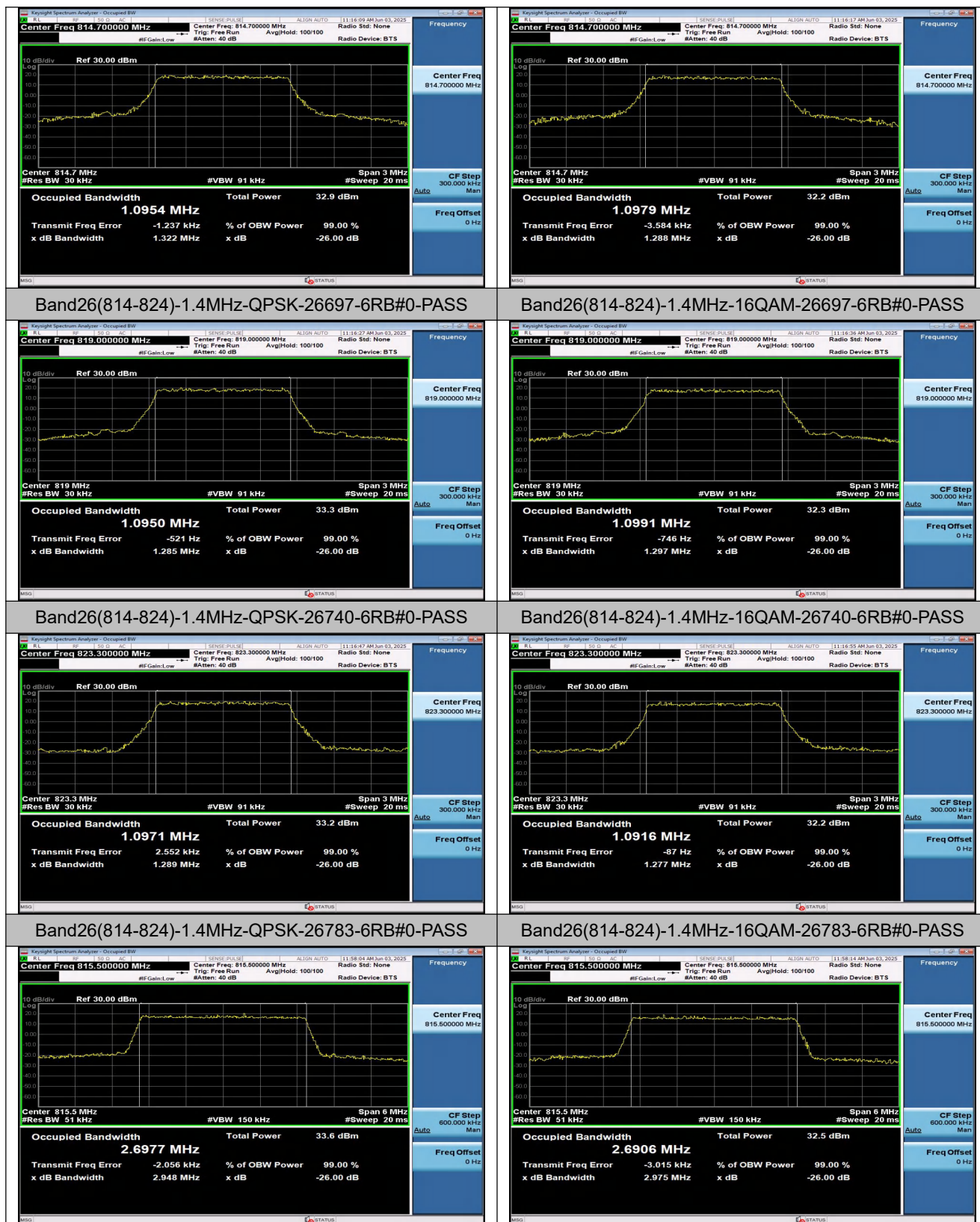


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No.: GRCTR250502011-07

Test Graphs



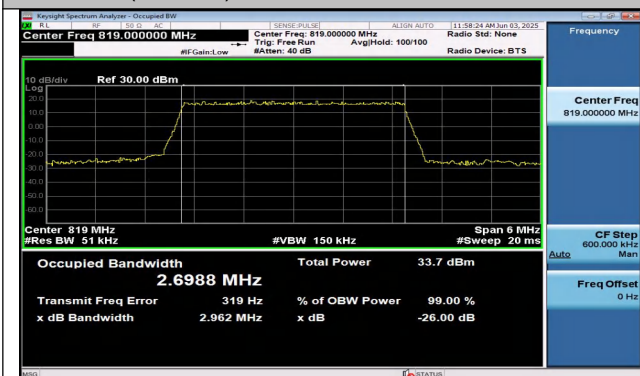


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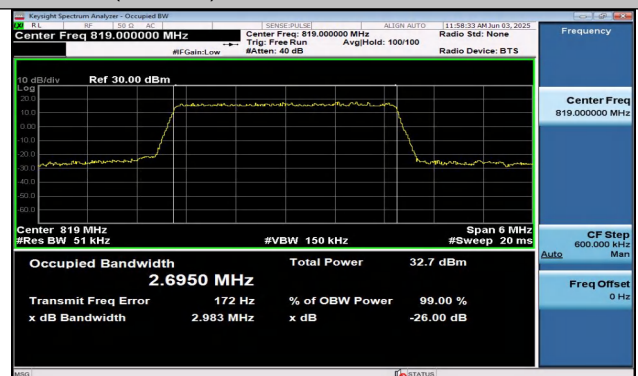
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
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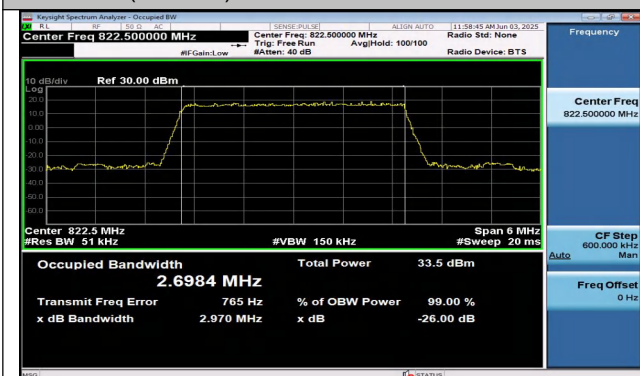
Band26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



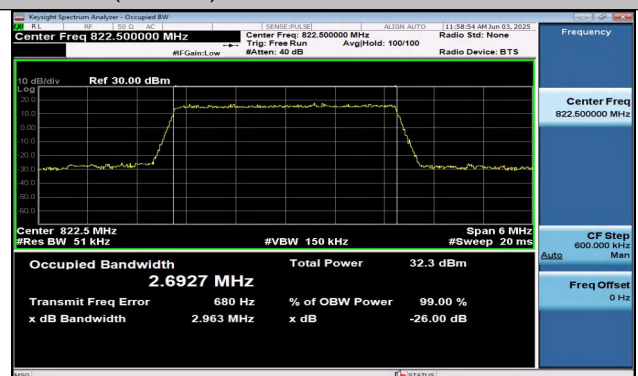
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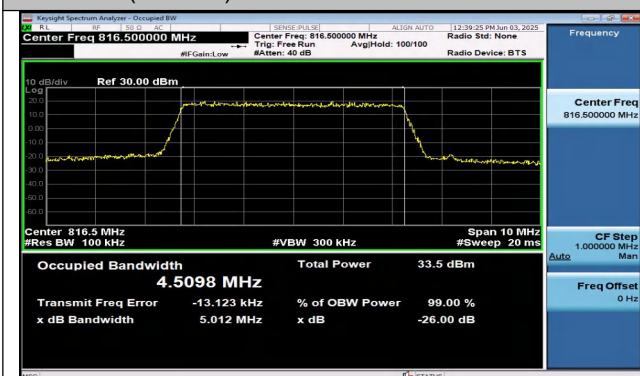
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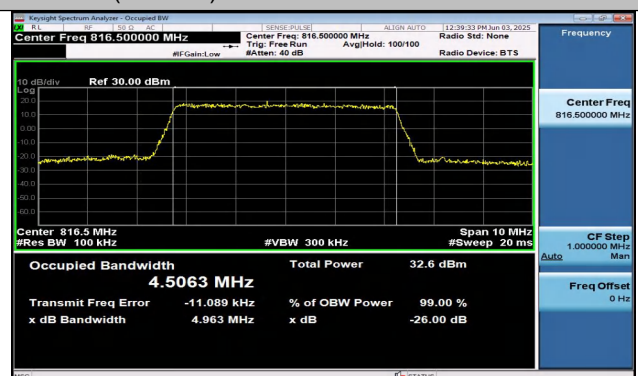
Band26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



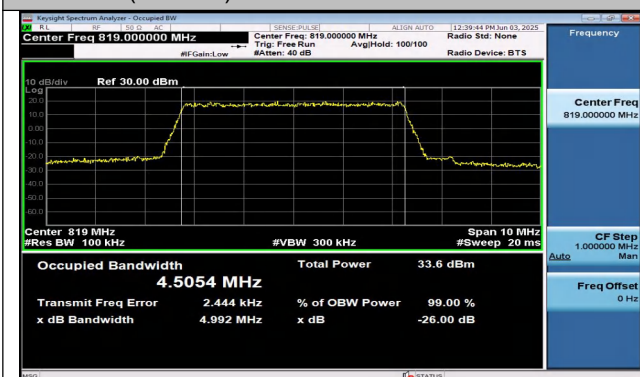
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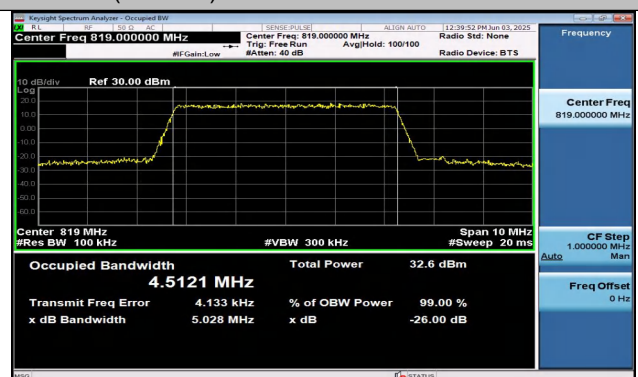
Band26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



Band26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



Band26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



Band26(814-824)-5MHz-QPSK-26740-25RB#0-PASS

Band26(814-824)-5MHz-16QAM-26740-25RB#0-PASS

