

Appendix for LTE Band 26(814-824MHz)

Product Name: TITAN 5400

Model No: G5G-X62O

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	22.49	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	22.53	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	22.52	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#0	22.58	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#1	22.60	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#3	22.52	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	21.52	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	21.66	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	21.46	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	21.42	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#0	21.60	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#1	21.56	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#3	21.50	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	20.54	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	22.48	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	22.62	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	22.50	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#0	22.52	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#1	22.52	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#3	22.59	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	21.59	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	21.32	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	21.51	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	21.44	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#0	21.60	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#1	21.59	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#3	21.56	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	20.59	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	22.49	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	22.59	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	22.53	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#0	22.61	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#1	22.57	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#3	22.62	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	21.55	PASS

26(814-824)	1.4MHz	16QAM	26783	1RB#0	21.40	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	21.54	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	21.34	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#0	21.67	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#1	21.66	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#3	21.51	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	20.50	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	22.52	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	22.59	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	22.52	PASS
26(814-824)	3MHz	QPSK	26705	8RB#0	21.61	PASS
26(814-824)	3MHz	QPSK	26705	8RB#4	21.58	PASS
26(814-824)	3MHz	QPSK	26705	8RB#7	21.58	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	21.58	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	21.58	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	21.54	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	21.45	PASS
26(814-824)	3MHz	16QAM	26705	8RB#0	20.67	PASS
26(814-824)	3MHz	16QAM	26705	8RB#4	20.61	PASS
26(814-824)	3MHz	16QAM	26705	8RB#7	20.58	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	20.62	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	22.54	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	22.60	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	22.55	PASS
26(814-824)	3MHz	QPSK	26740	8RB#0	21.56	PASS
26(814-824)	3MHz	QPSK	26740	8RB#4	21.59	PASS
26(814-824)	3MHz	QPSK	26740	8RB#7	21.65	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	21.62	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	21.61	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	21.69	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	21.53	PASS
26(814-824)	3MHz	16QAM	26740	8RB#0	20.54	PASS
26(814-824)	3MHz	16QAM	26740	8RB#4	20.53	PASS
26(814-824)	3MHz	16QAM	26740	8RB#7	20.54	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	20.59	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	22.55	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	22.63	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	22.49	PASS
26(814-824)	3MHz	QPSK	26775	8RB#0	21.53	PASS
26(814-824)	3MHz	QPSK	26775	8RB#4	21.55	PASS
26(814-824)	3MHz	QPSK	26775	8RB#7	21.57	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	21.61	PASS

26(814-824)	3MHz	16QAM	26775	1RB#0	21.54	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	21.55	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	21.53	PASS
26(814-824)	3MHz	16QAM	26775	8RB#0	20.48	PASS
26(814-824)	3MHz	16QAM	26775	8RB#4	20.54	PASS
26(814-824)	3MHz	16QAM	26775	8RB#7	20.53	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	20.60	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	20.12	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	20.23	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	20.28	PASS
26(814-824)	5MHz	QPSK	26715	12RB#0	21.17	PASS
26(814-824)	5MHz	QPSK	26715	12RB#6	21.09	PASS
26(814-824)	5MHz	QPSK	26715	12RB#13	21.35	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	21.33	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	21.14	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	21.25	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	21.12	PASS
26(814-824)	5MHz	16QAM	26715	12RB#0	21.08	PASS
26(814-824)	5MHz	16QAM	26715	12RB#6	21.05	PASS
26(814-824)	5MHz	16QAM	26715	12RB#13	22.22	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	22.35	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	21.24	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	21.32	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	21.25	PASS
26(814-824)	5MHz	QPSK	26740	12RB#0	21.18	PASS
26(814-824)	5MHz	QPSK	26740	12RB#6	21.11	PASS
26(814-824)	5MHz	QPSK	26740	12RB#13	21.25	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	21.30	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	21.94	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	21.21	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	21.28	PASS
26(814-824)	5MHz	16QAM	26740	12RB#0	21.06	PASS
26(814-824)	5MHz	16QAM	26740	12RB#6	21.14	PASS
26(814-824)	5MHz	16QAM	26740	12RB#13	22.22	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.31	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	22.26	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	22.33	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	21.30	PASS
26(814-824)	5MHz	QPSK	26765	12RB#0	21.18	PASS
26(814-824)	5MHz	QPSK	26765	12RB#6	21.18	PASS
26(814-824)	5MHz	QPSK	26765	12RB#13	21.25	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	21.28	PASS

26(814-824)	5MHz	16QAM	26765	1RB#0	21.26	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	21.38	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	21.09	PASS
26(814-824)	5MHz	16QAM	26765	12RB#0	21.29	PASS
26(814-824)	5MHz	16QAM	26765	12RB#6	21.24	PASS
26(814-824)	5MHz	16QAM	26765	12RB#13	21.31	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	21.23	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	22.16	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	22.19	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	21.90	PASS
26(814-824)	10MHz	QPSK	26740	25RB#0	21.22	PASS
26(814-824)	10MHz	QPSK	26740	25RB#12	21.15	PASS
26(814-824)	10MHz	QPSK	26740	25RB#25	21.99	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	21.23	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	21.32	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	21.05	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	21.86	PASS
26(814-824)	10MHz	16QAM	26740	25RB#0	21.14	PASS
26(814-824)	10MHz	16QAM	26740	25RB#12	21.08	PASS
26(814-824)	10MHz	16QAM	26740	25RB#25	21.02	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.17	PASS

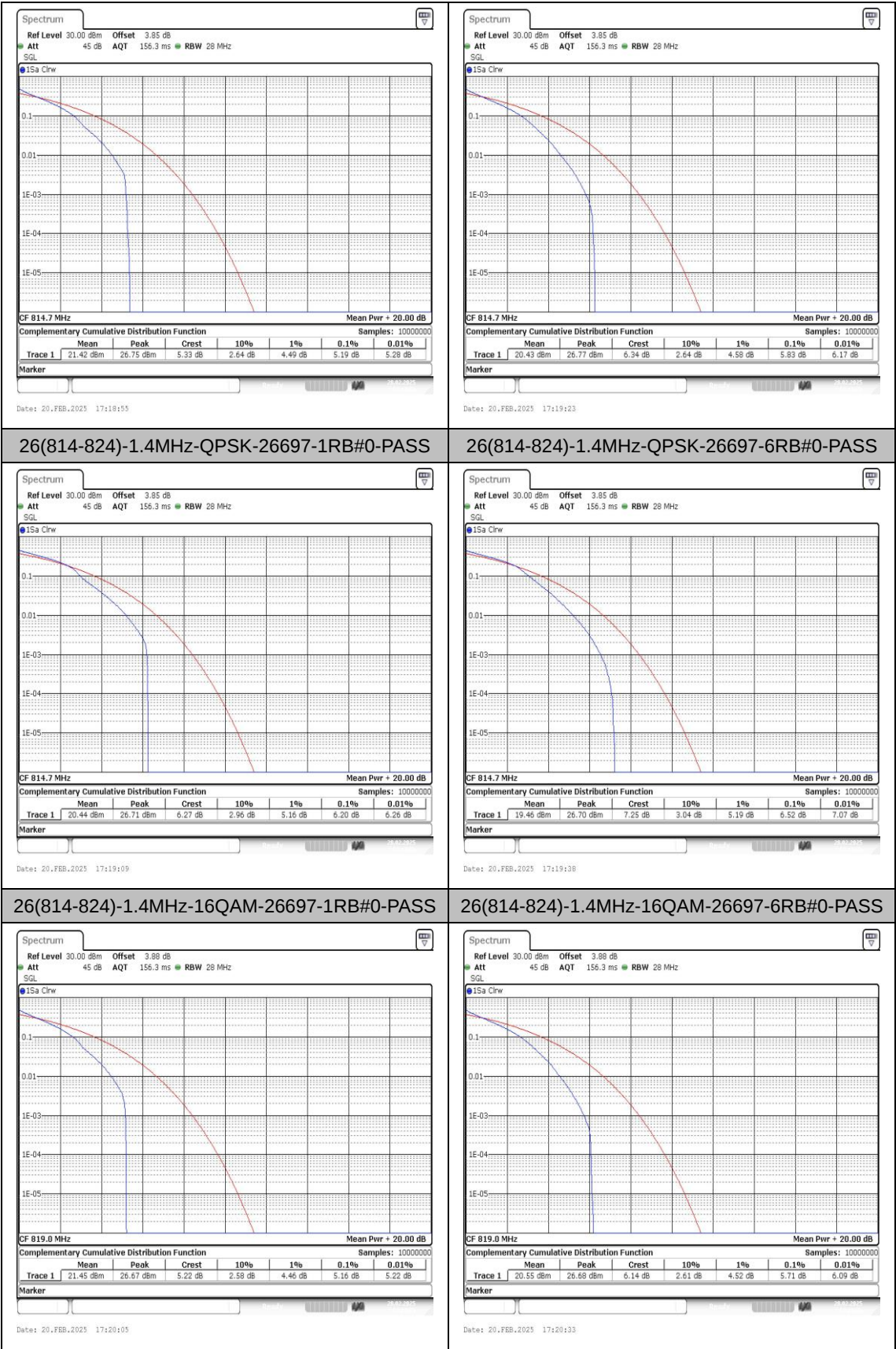
Appendix B: Peak-to-Average Ratio(CCDF)

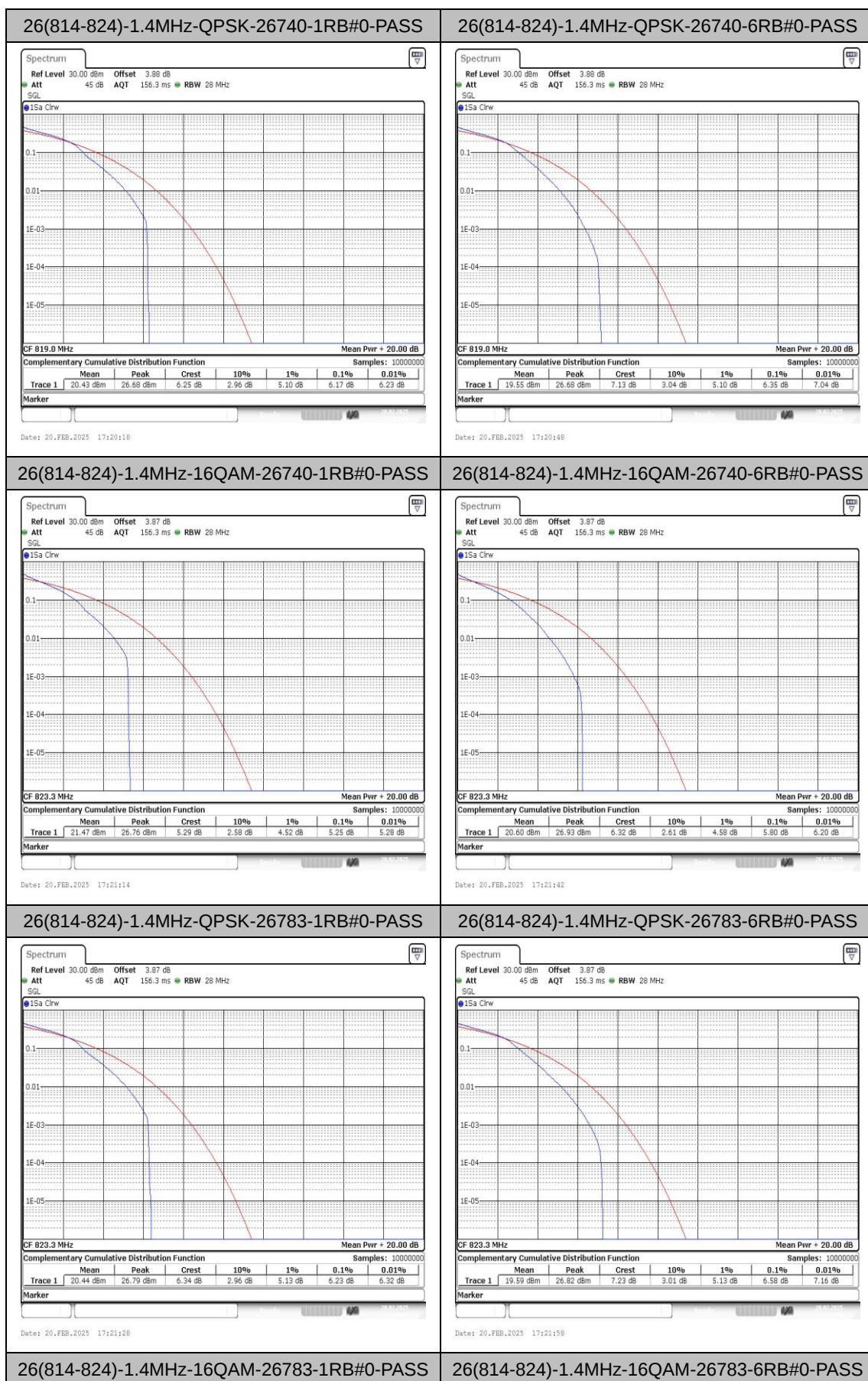
Test Result

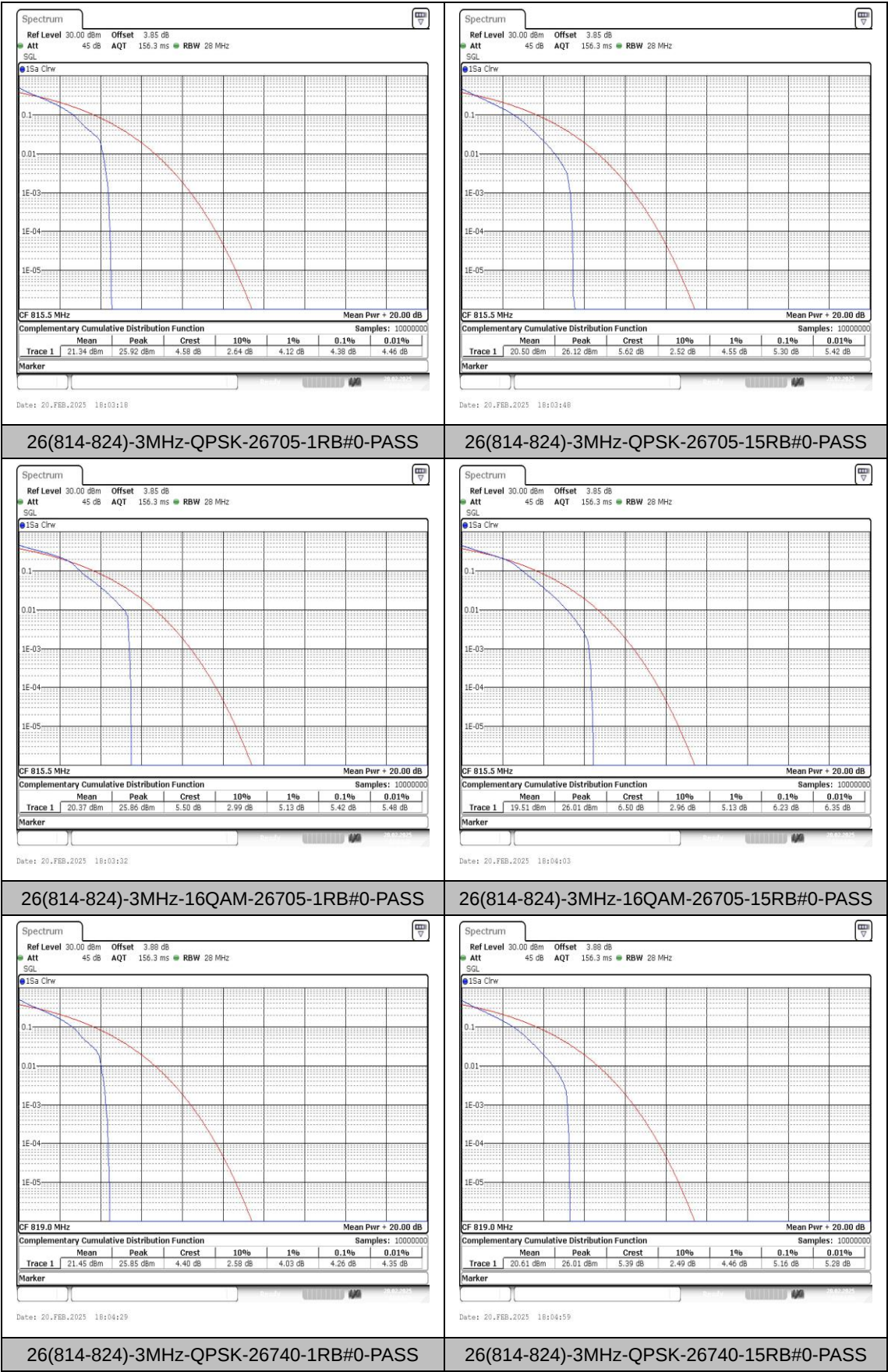
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	5.19	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.83	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	6.20	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.52	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	5.16	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.71	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	6.17	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.35	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	5.25	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.80	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	6.23	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.58	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	4.38	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	5.30	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	5.42	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	6.23	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	4.26	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.16	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	5.28	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	6.12	13	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	4.35	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.30	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	5.39	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.23	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	4.49	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.48	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	5.48	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	6.35	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	4.43	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.25	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	5.42	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	6.14	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	4.32	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.01	13	PASS

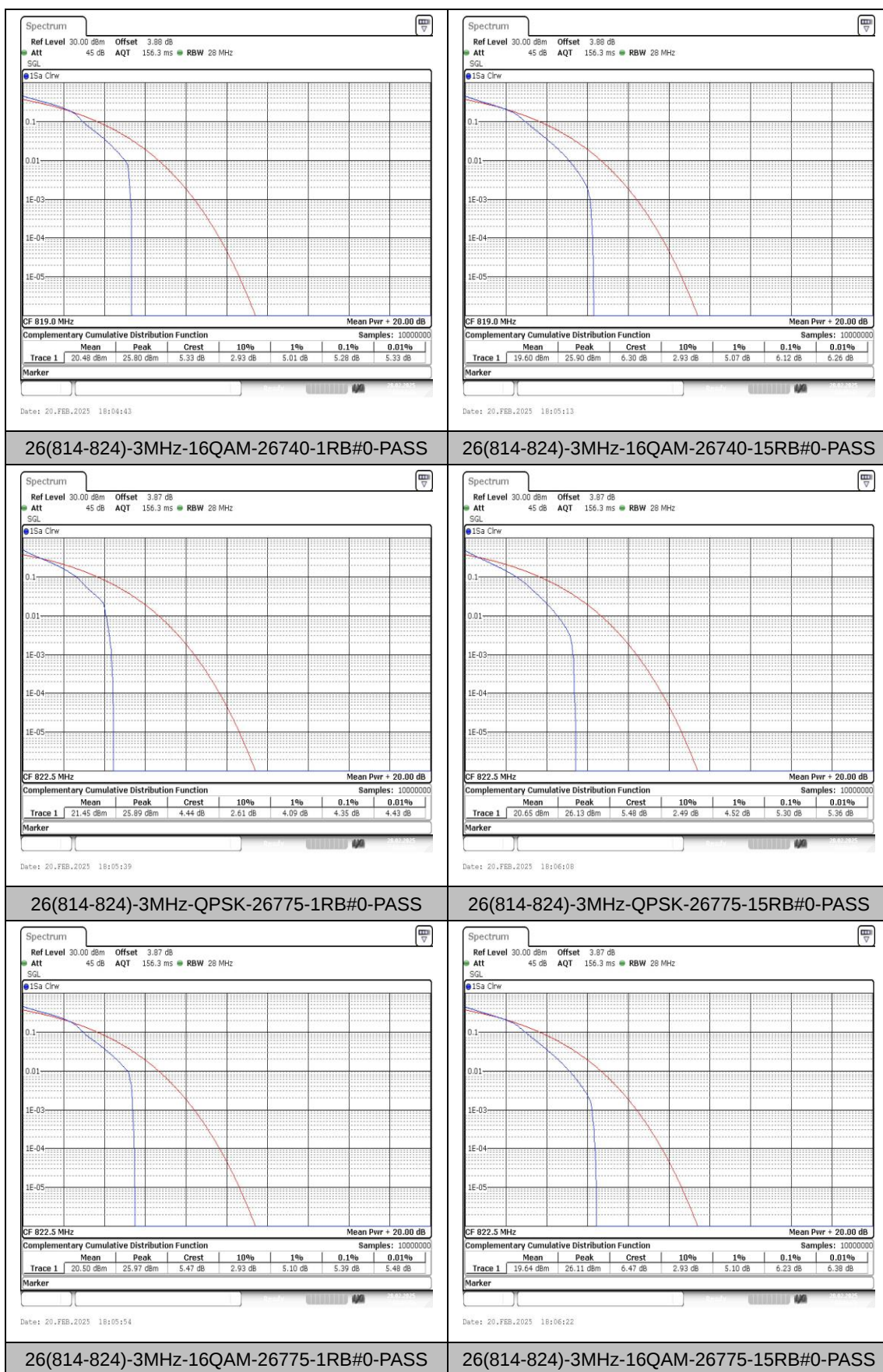
26(814-824)	5MHz	16QAM	26765	1RB#0	5.33	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	5.94	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	4.49	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.28	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	5.48	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	6.17	13	PASS

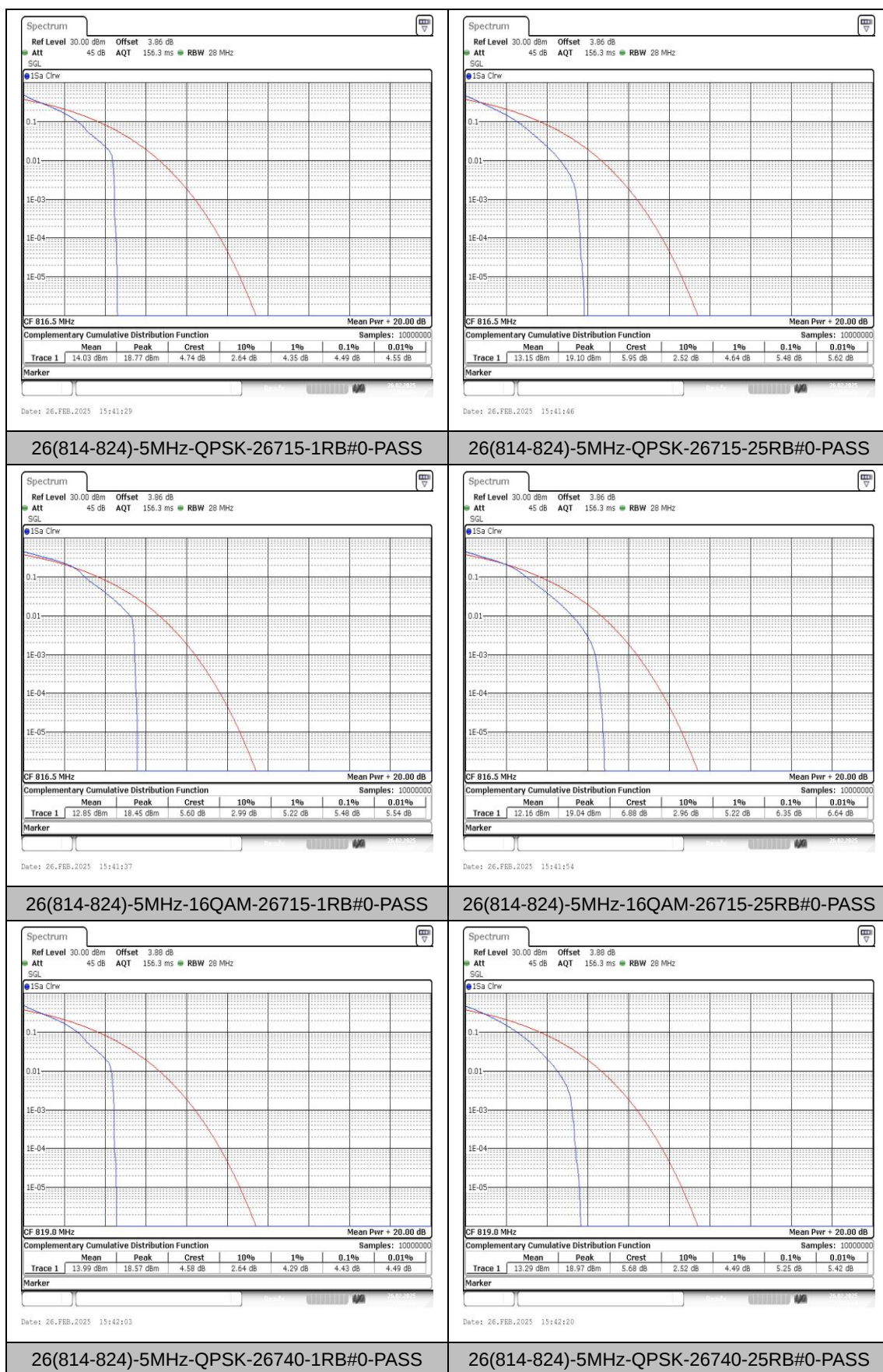
Test Graphs

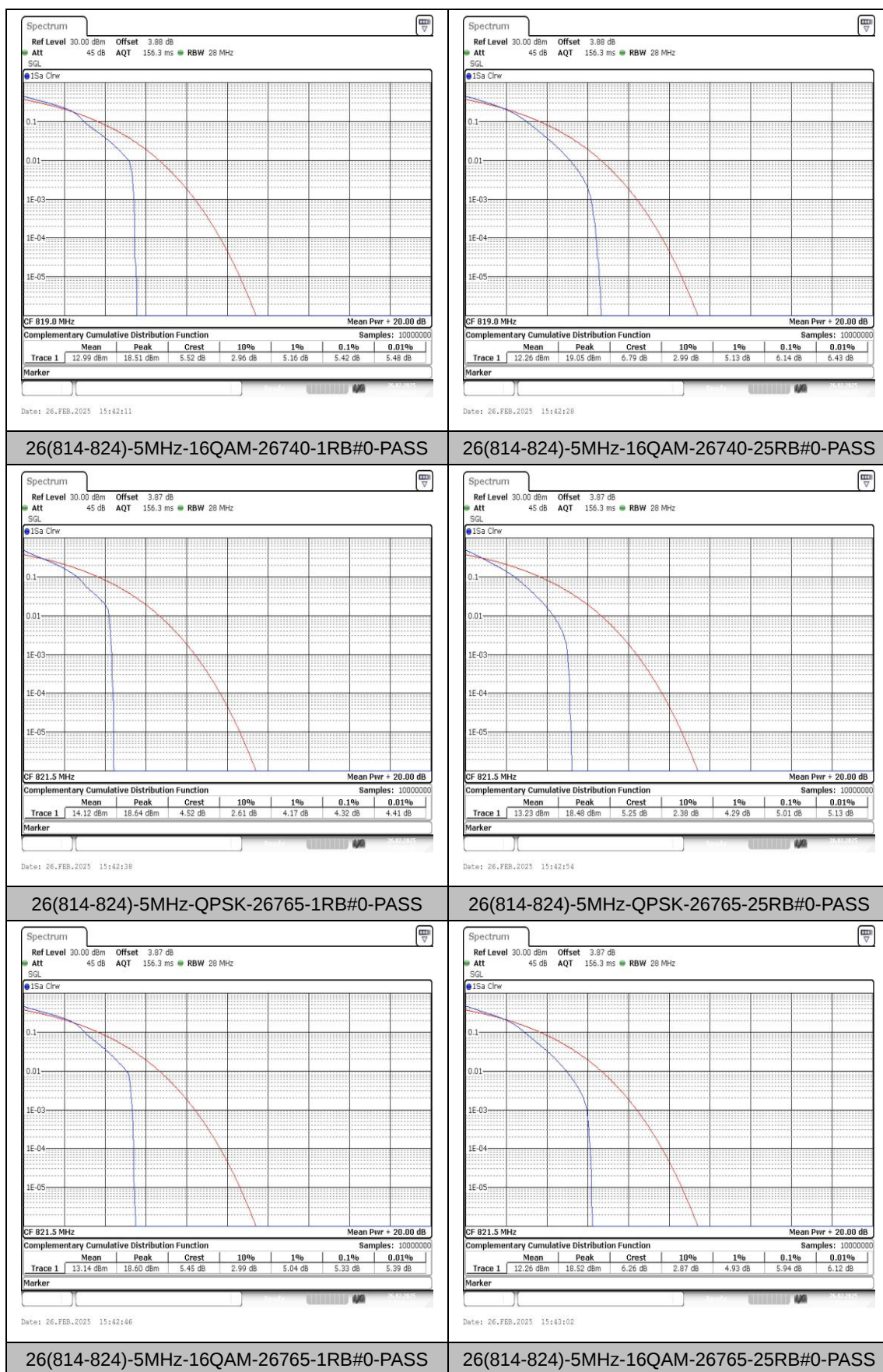


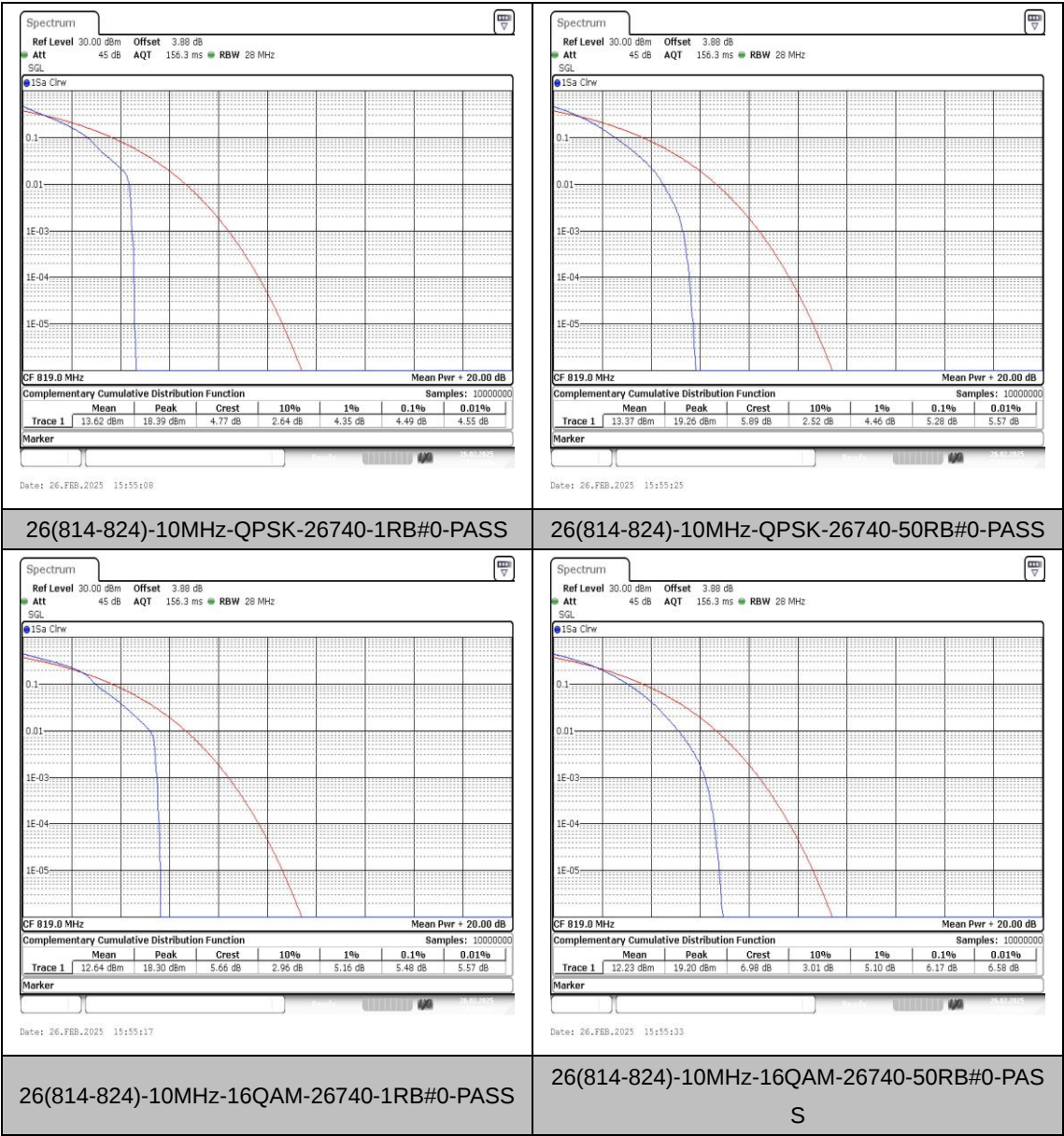












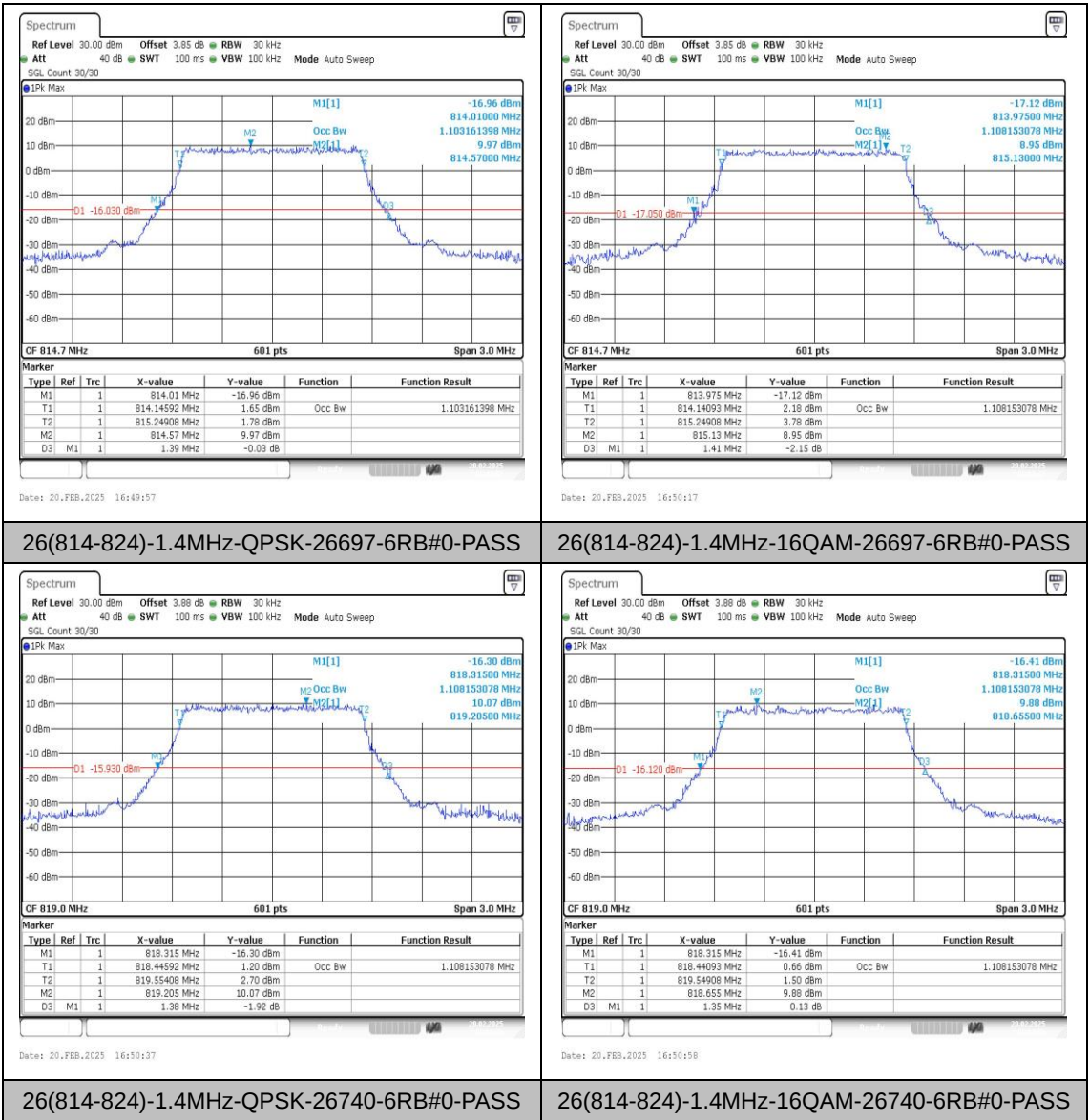
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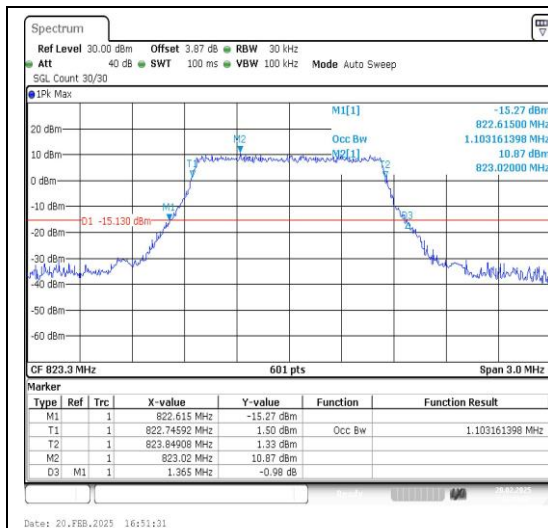
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

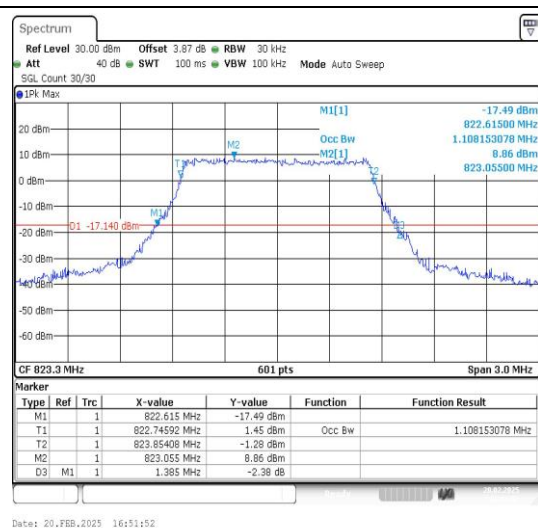
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.103	1.39	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.108	1.41	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.108	1.38	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.108	1.35	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.103	1.36	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.108	1.38	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.696	3.05	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.696	3.05	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.696	3.08	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.696	3.08	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.705	3.06	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.705	3.05	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.535	5.23	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.535	5.20	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.515	5.12	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.525	5.16	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.505	5.19	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.515	5.18	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	9.018	10.07	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	8.985	9.93	PASS

Test Graphs

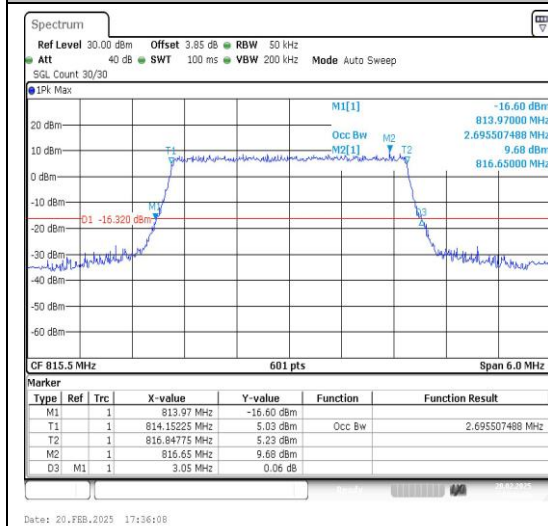




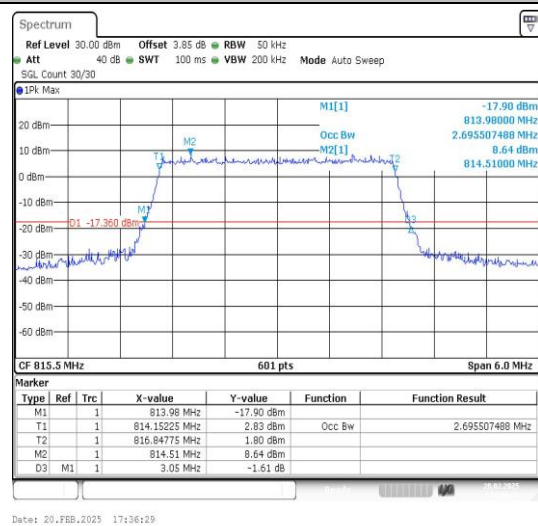
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



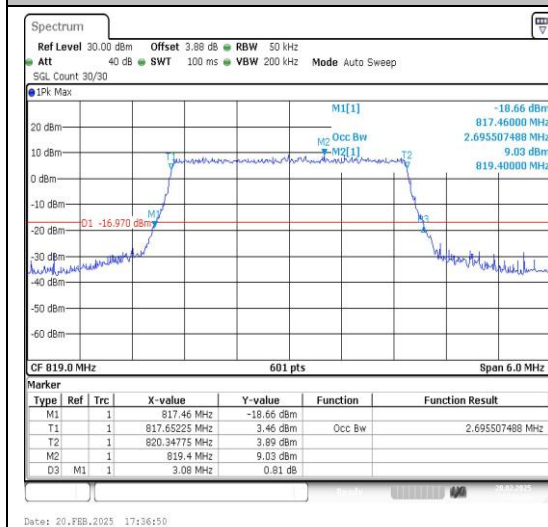
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



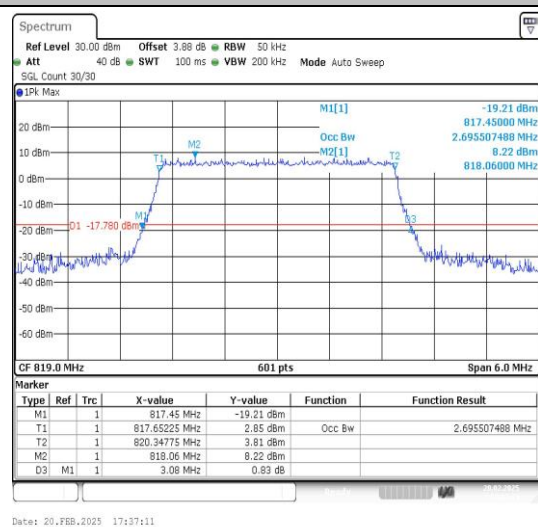
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



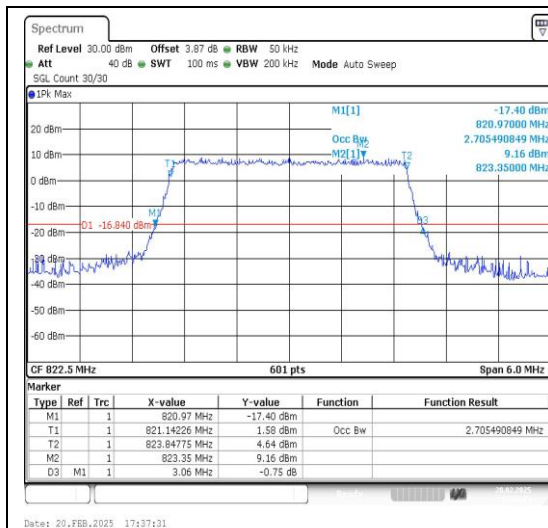
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



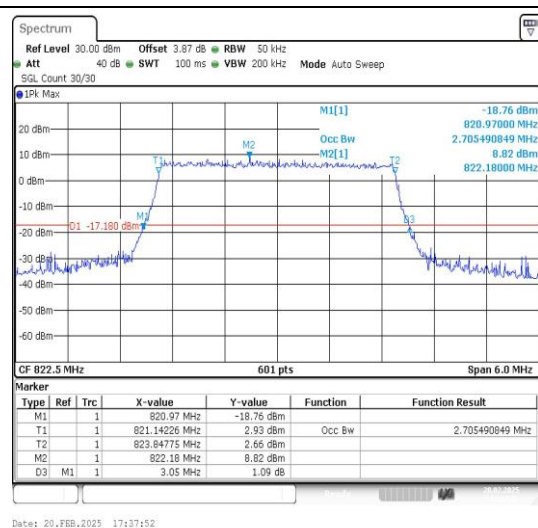
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



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



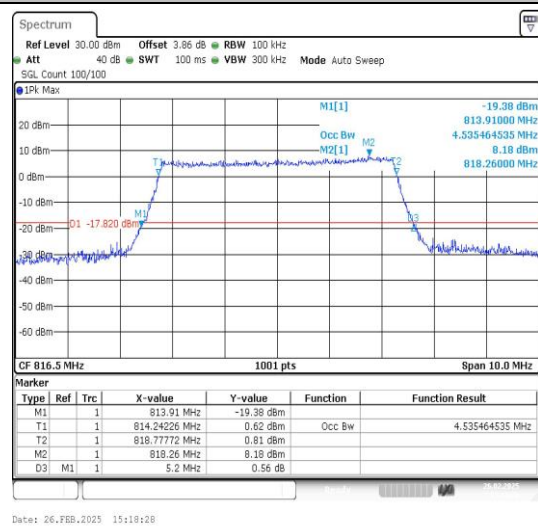
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



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



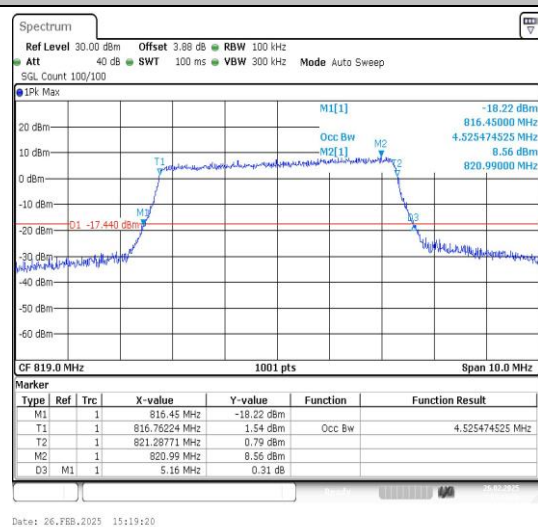
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



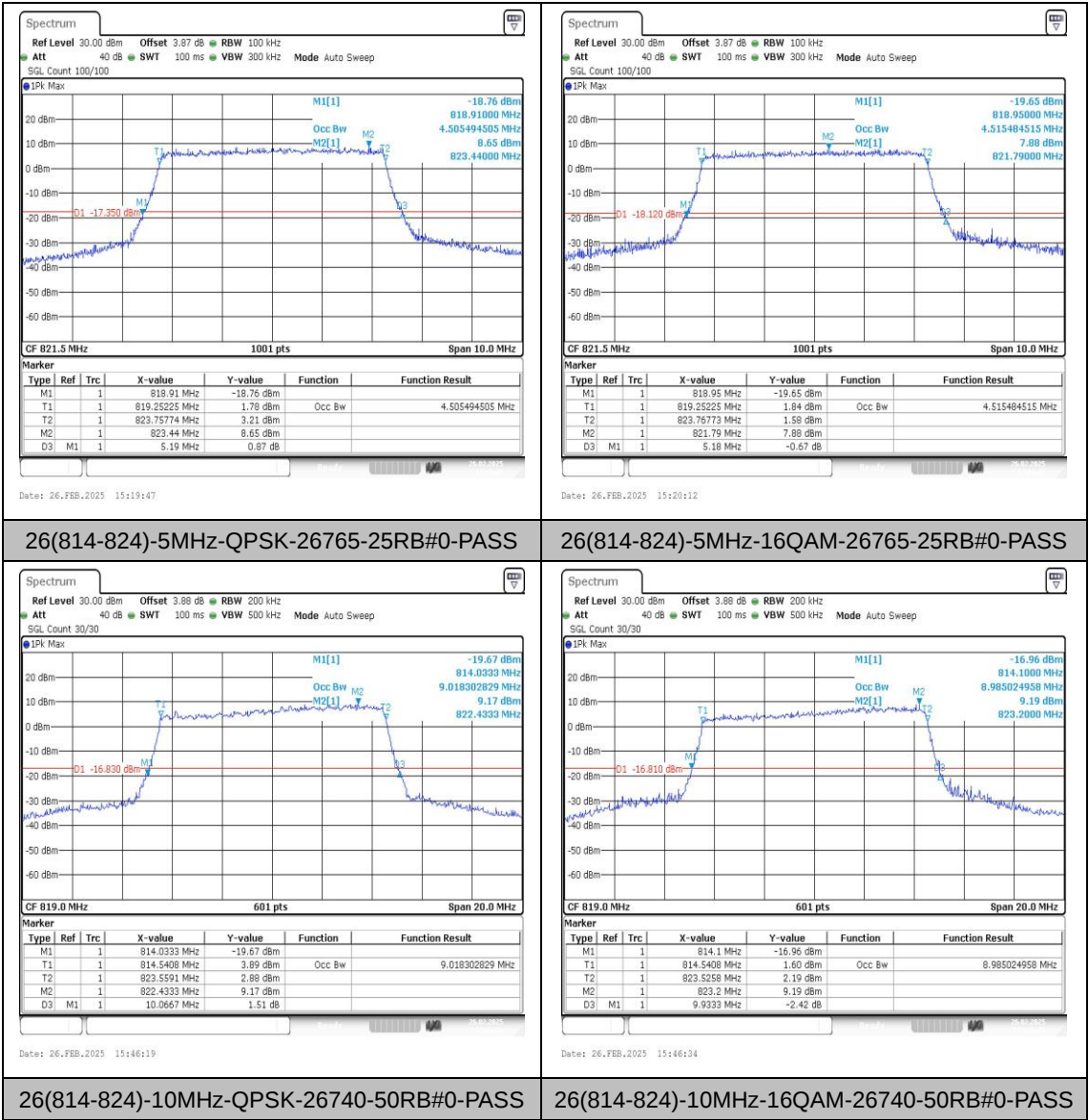
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



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



26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	-24.65	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	-24.16	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	-28.52	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	-25.96	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	-26.58	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	-28.71	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	-24.86	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	-23.94	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	-27.25	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	-26.19	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	-26.48	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	-29.09	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	-29.28	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	-27.78	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	-29.44	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	-30.37	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	-29.23	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	-31.02	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	-35.69	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	-29.93	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	-29.70	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	-30.55	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	-29.58	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	-30.62	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	-33.60	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	-32.58	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	-32.81	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	-41.65	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	-33.43	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	-33.37	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	-32.52	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	-32.25	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	-34.15	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	-34.23	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	-34.99	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	-34.94	PASS

26(814-824)	10MHz	QPSK	26740	1RB#0	-43.68	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	-45.06	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	-38.26	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	-43.79	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	-45.46	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	-39.31	PASS

Test Graphs

