

Appendix for Band 26(814-824MHz)

Product Name: CelluCORE 24

Model No: 119906

Appendix A: Average Power Output Data for M1

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Result(dBm)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	22.21	PASS
Band26	1.4MHz	26697	QPSK	1	5	22.94	PASS
Band26	1.4MHz	26697	QPSK	6	0	20.64	PASS
Band26	1.4MHz	26740	QPSK	1	0	21.17	PASS
Band26	1.4MHz	26740	QPSK	1	5	21.41	PASS
Band26	1.4MHz	26740	QPSK	6	0	21.02	PASS
Band26	1.4MHz	26783	QPSK	1	0	22.48	PASS
Band26	1.4MHz	26783	QPSK	1	5	22.48	PASS
Band26	1.4MHz	26783	QPSK	6	0	20.59	PASS
Band26	1.4MHz	26697	16QAM	1	0	21.64	PASS
Band26	1.4MHz	26697	16QAM	1	5	21.27	PASS
Band26	1.4MHz	26697	16QAM	6	0	20.55	PASS
Band26	1.4MHz	26740	16QAM	1	0	21.07	PASS
Band26	1.4MHz	26740	16QAM	1	5	21.13	PASS
Band26	1.4MHz	26740	16QAM	6	0	21.02	PASS
Band26	1.4MHz	26783	16QAM	1	0	21.63	PASS
Band26	1.4MHz	26783	16QAM	1	5	21.55	PASS
Band26	1.4MHz	26783	16QAM	6	0	20.56	PASS
Band26	3MHz	26705	QPSK	1	0	22.31	PASS
Band26	3MHz	26705	QPSK	1	5	22.94	PASS
Band26	3MHz	26705	QPSK	6	0	20.64	PASS
Band26	3MHz	26740	QPSK	1	0	22.06	PASS
Band26	3MHz	26740	QPSK	1	5	22.72	PASS
Band26	3MHz	26740	QPSK	6	0	20.53	PASS
Band26	3MHz	26775	QPSK	1	0	22.90	PASS
Band26	3MHz	26775	QPSK	1	5	22.70	PASS
Band26	3MHz	26775	QPSK	6	0	20.71	PASS
Band26	3MHz	26705	16QAM	1	0	21.84	PASS
Band26	3MHz	26705	16QAM	1	5	21.35	PASS
Band26	3MHz	26705	16QAM	6	0	20.74	PASS
Band26	3MHz	26740	16QAM	1	0	21.74	PASS
Band26	3MHz	26740	16QAM	1	5	21.45	PASS
Band26	3MHz	26740	16QAM	6	0	20.54	PASS
Band26	3MHz	26775	16QAM	1	0	21.61	PASS
Band26	3MHz	26775	16QAM	1	5	21.76	PASS

Band26	3MHz	26775	16QAM	6	0	20.59	PASS
Band26	5MHz	26715	QPSK	1	0	22.75	PASS
Band26	5MHz	26715	QPSK	1	5	22.39	PASS
Band26	5MHz	26715	QPSK	6	0	21.33	PASS
Band26	5MHz	26740	QPSK	1	0	22.96	PASS
Band26	5MHz	26740	QPSK	1	5	22.84	PASS
Band26	5MHz	26740	QPSK	6	0	21.59	PASS
Band26	5MHz	26765	QPSK	1	0	22.83	PASS
Band26	5MHz	26765	QPSK	1	5	22.40	PASS
Band26	5MHz	26765	QPSK	6	0	21.20	PASS
Band26	5MHz	26715	16QAM	1	0	22.31	PASS
Band26	5MHz	26715	16QAM	1	5	22.10	PASS
Band26	5MHz	26715	16QAM	6	0	21.33	PASS
Band26	5MHz	26740	16QAM	1	0	22.16	PASS
Band26	5MHz	26740	16QAM	1	5	22.02	PASS
Band26	5MHz	26740	16QAM	6	0	21.28	PASS
Band26	5MHz	26765	16QAM	1	0	22.57	PASS
Band26	5MHz	26765	16QAM	1	5	22.21	PASS
Band26	5MHz	26765	16QAM	6	0	21.34	PASS
Band26	10MHz	26740	QPSK	1	0	22.58	PASS
Band26	10MHz	26740	QPSK	1	5	22.35	PASS
Band26	10MHz	26740	QPSK	6	0	21.31	PASS
Band26	10MHz	26740	16QAM	1	0	22.33	PASS
Band26	10MHz	26740	16QAM	1	5	22.06	PASS
Band26	10MHz	26740	16QAM	6	0	21.32	PASS

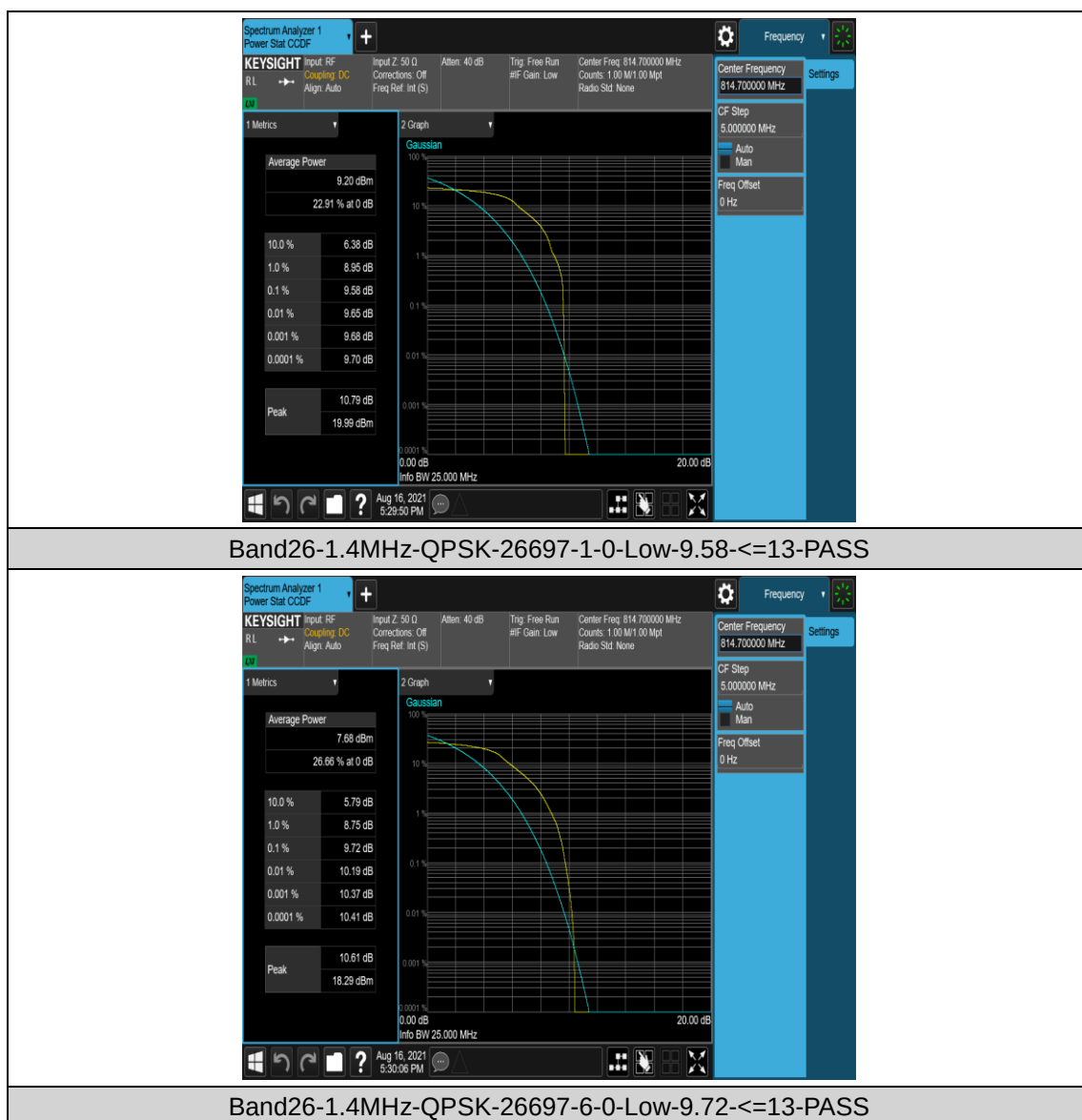
Appendix B: Peak-to-Average Ratio(CCDF) for M1

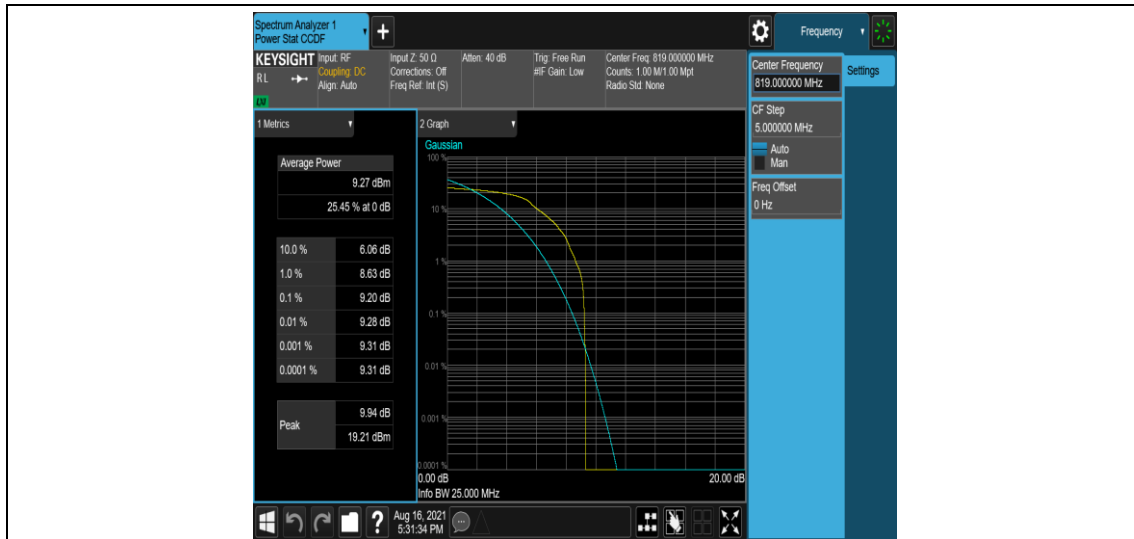
Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	9.58	<=13	PASS
Band26	1.4MHz	26697	QPSK	6	0	9.72	<=13	PASS
Band26	1.4MHz	26740	QPSK	1	0	9.20	<=13	PASS
Band26	1.4MHz	26740	QPSK	6	0	9.37	<=13	PASS
Band26	1.4MHz	26783	QPSK	1	0	10.93	<=13	PASS
Band26	1.4MHz	26783	QPSK	6	0	9.94	<=13	PASS
Band26	1.4MHz	26697	16QAM	1	0	9.68	<=13	PASS
Band26	1.4MHz	26697	16QAM	6	0	8.23	<=13	PASS
Band26	1.4MHz	26740	16QAM	1	0	10.58	<=13	PASS
Band26	1.4MHz	26740	16QAM	6	0	9.47	<=13	PASS
Band26	1.4MHz	26783	16QAM	1	0	8.64	<=13	PASS
Band26	1.4MHz	26783	16QAM	6	0	9.87	<=13	PASS
Band26	3MHz	26705	QPSK	1	0	10.38	<=13	PASS
Band26	3MHz	26705	QPSK	6	0	9.53	<=13	PASS
Band26	3MHz	26740	QPSK	1	0	10.50	<=13	PASS
Band26	3MHz	26740	QPSK	6	0	8.90	<=13	PASS
Band26	3MHz	26775	QPSK	1	0	8.22	<=13	PASS
Band26	3MHz	26775	QPSK	6	0	8.78	<=13	PASS
Band26	3MHz	26705	16QAM	1	0	10.37	<=13	PASS
Band26	3MHz	26705	16QAM	6	0	8.22	<=13	PASS
Band26	3MHz	26740	16QAM	1	0	9.27	<=13	PASS
Band26	3MHz	26740	16QAM	6	0	10.62	<=13	PASS
Band26	3MHz	26775	16QAM	1	0	11.73	<=13	PASS
Band26	3MHz	26775	16QAM	6	0	9.26	<=13	PASS
Band26	5MHz	26715	QPSK	1	0	12.33	<=13	PASS
Band26	5MHz	26715	QPSK	6	0	9.05	<=13	PASS
Band26	5MHz	26740	QPSK	1	0	8.97	<=13	PASS
Band26	5MHz	26740	QPSK	6	0	8.48	<=13	PASS
Band26	5MHz	26765	QPSK	1	0	8.62	<=13	PASS
Band26	5MHz	26765	QPSK	6	0	8.63	<=13	PASS
Band26	5MHz	26715	16QAM	1	0	10.08	<=13	PASS
Band26	5MHz	26715	16QAM	6	0	7.82	<=13	PASS
Band26	5MHz	26740	16QAM	1	0	8.11	<=13	PASS
Band26	5MHz	26740	16QAM	6	0	9.36	<=13	PASS

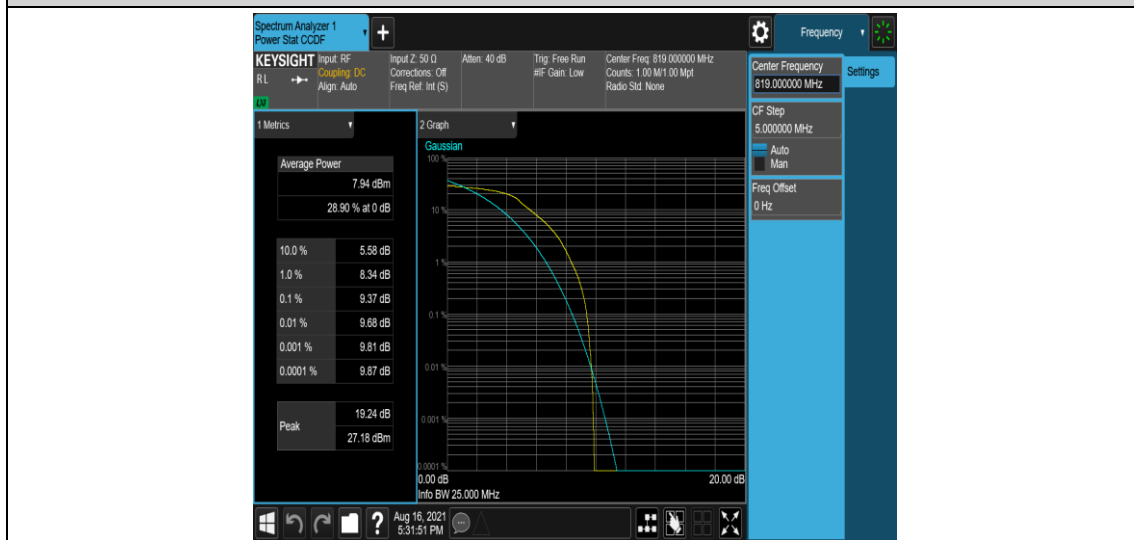
Band26	5MHz	26765	16QAM	1	0	9.72	<=13	PASS
Band26	5MHz	26765	16QAM	6	0	10.04	<=13	PASS
Band26	10MHz	26740	QPSK	1	0	9.27	<=13	PASS
Band26	10MHz	26740	QPSK	6	0	10.52	<=13	PASS
Band26	10MHz	26740	16QAM	1	0	10.18	<=13	PASS
Band26	10MHz	26740	16QAM	6	0	8.76	<=13	PASS

Test Graphs

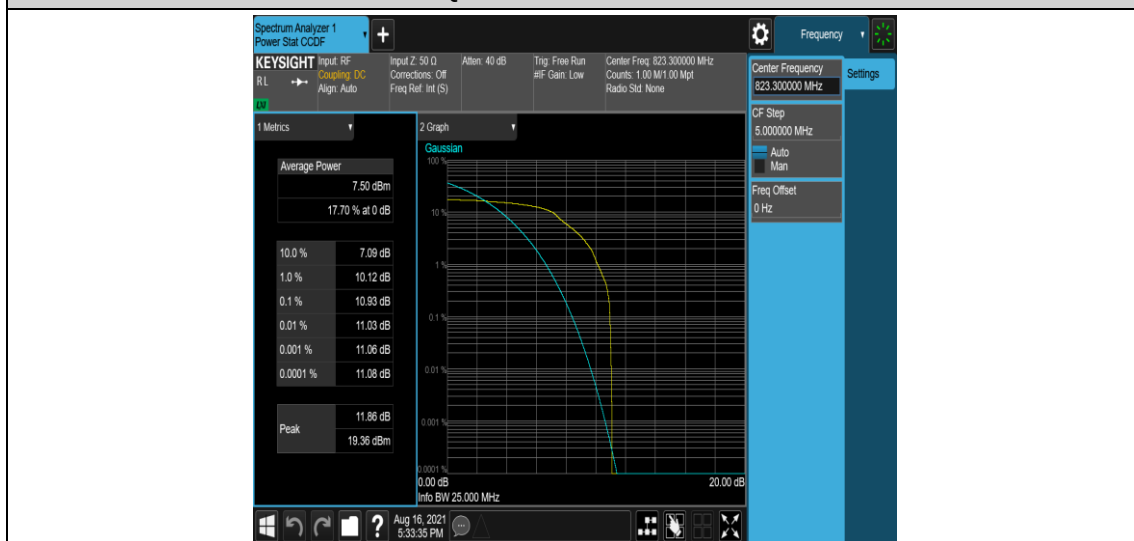




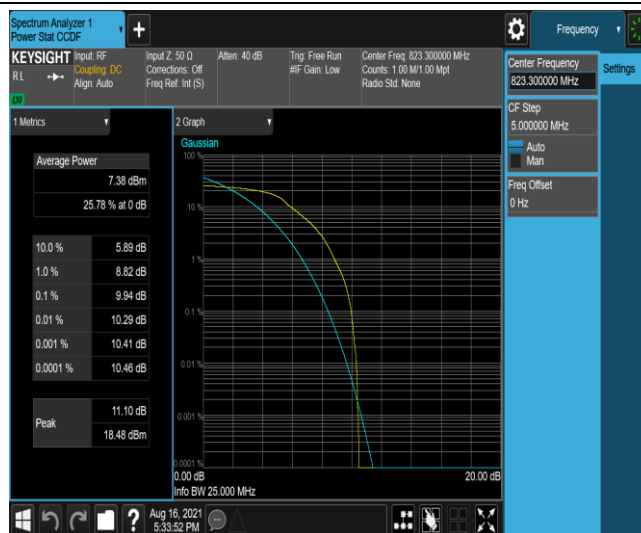
Band26-1.4MHz-QPSK-26740-1-0-Low-9.20-<=13-PASS



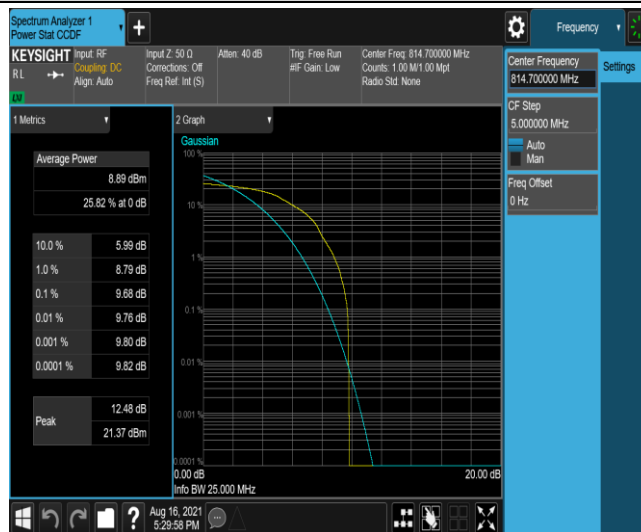
Band26-1.4MHz-QPSK-26740-6-0-Low-9.37-<=13-PASS



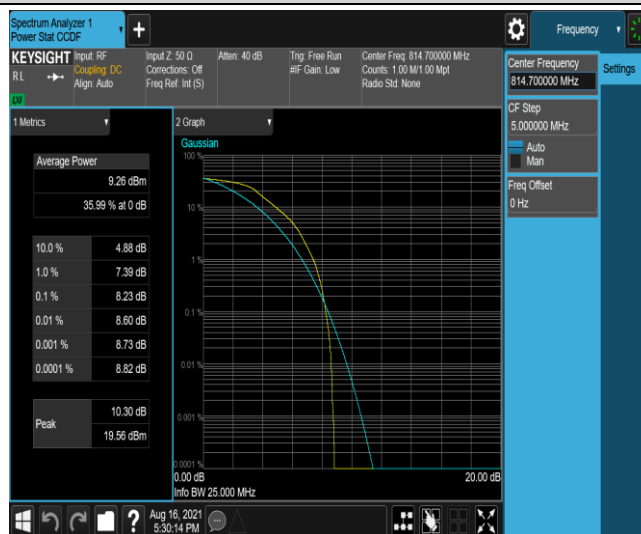
Band26-1.4MHz-QPSK-26783-1-0-High-10.93-<=13-PASS



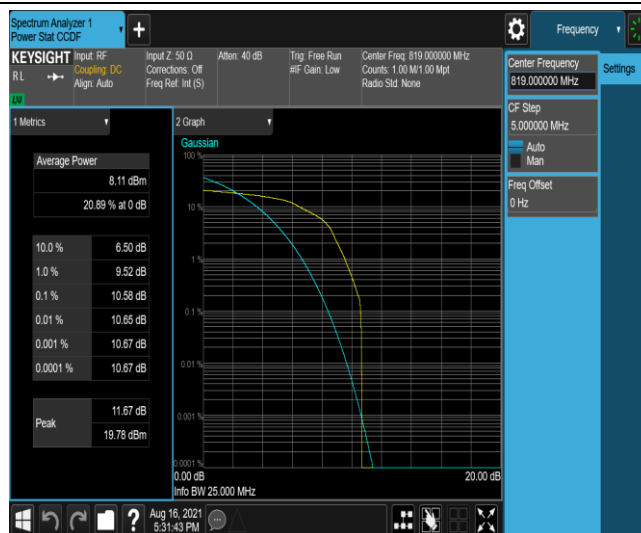
Band26-1.4MHz-QPSK-26783-6-0-High-9.94-<=13-PASS



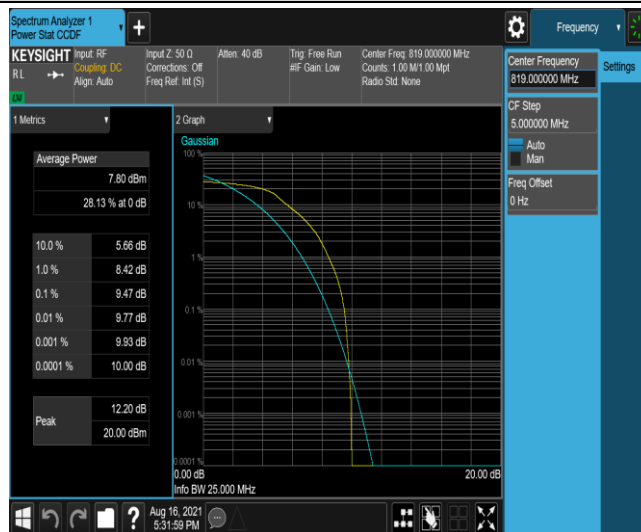
Band26-1.4MHz-16QAM-26697-1-0-Low-9.68-<=13-PASS



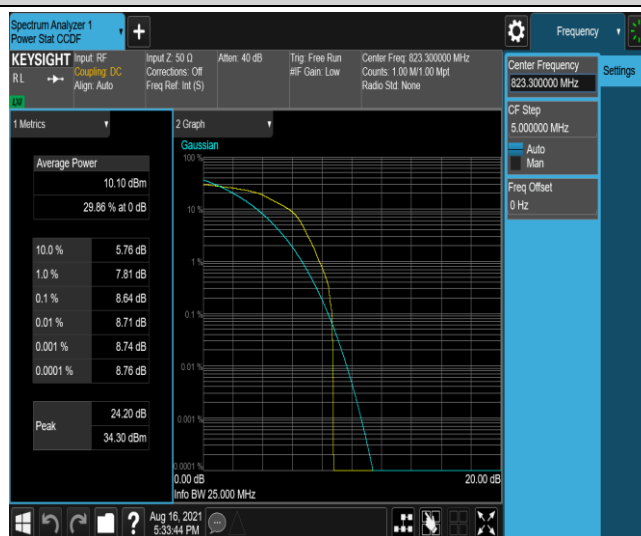
Band26-1.4MHz-16QAM-26697-6-0-Low-8.23-<=13-PASS



Band26-1.4MHz-16QAM-26740-1-0-Low-10.58-<=13-PASS



Band26-1.4MHz-16QAM-26740-6-0-Low-9.47-<=13-PASS



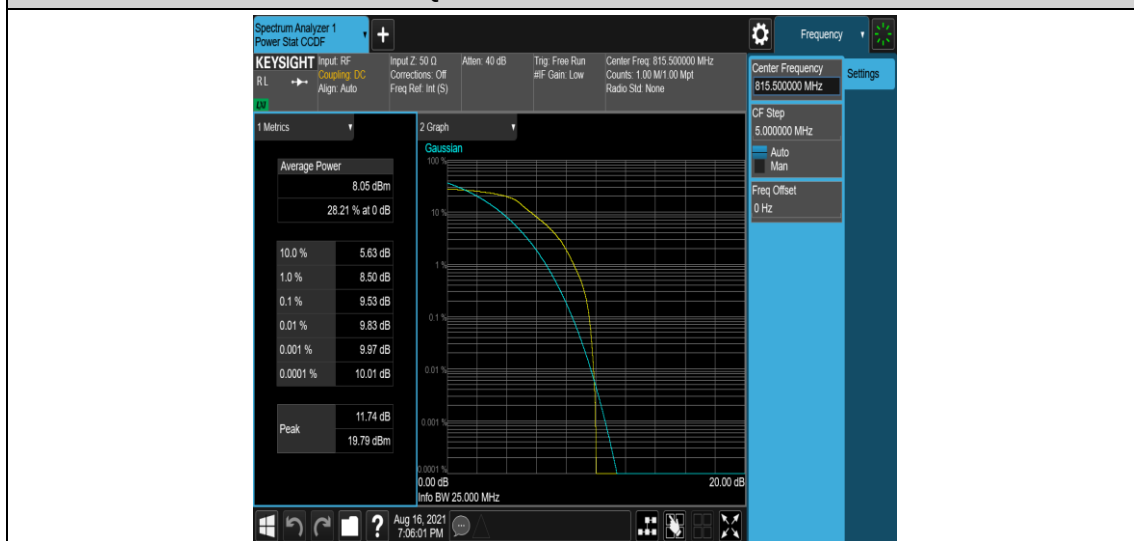
Band26-1.4MHz-16QAM-26783-1-0-High-8.64-<=13-PASS



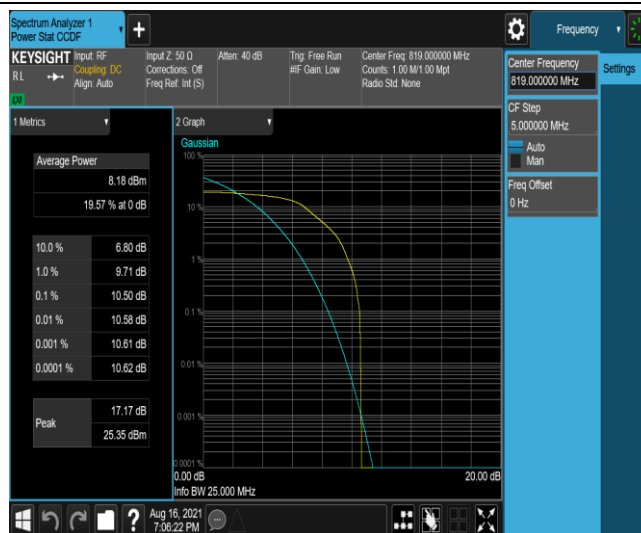
Band26-1.4MHz-16QAM-26783-6-0-High-9.87-<=13-PASS



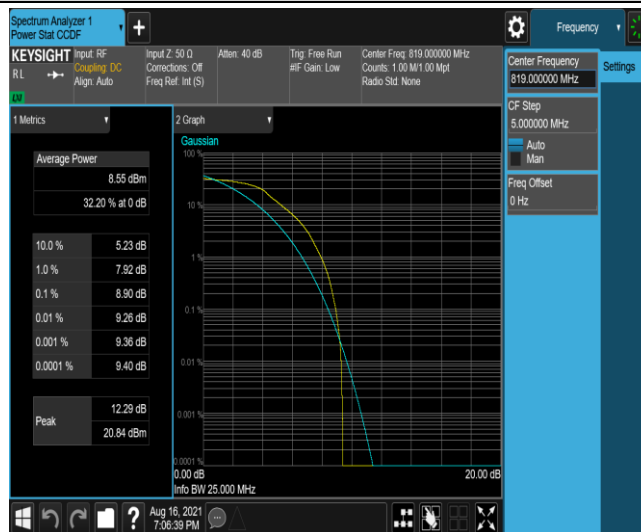
Band26-3MHz-QPSK-26705-1-0-Low-10.38-<=13-PASS



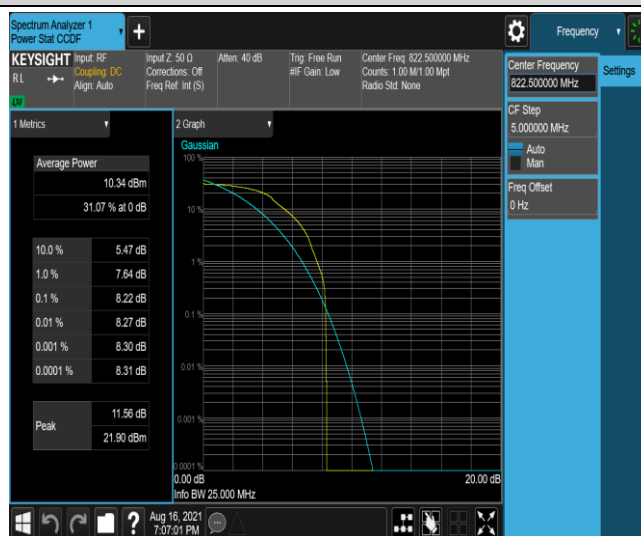
Band26-3MHz-QPSK-26705-6-0-Low-9.53-<=13-PASS



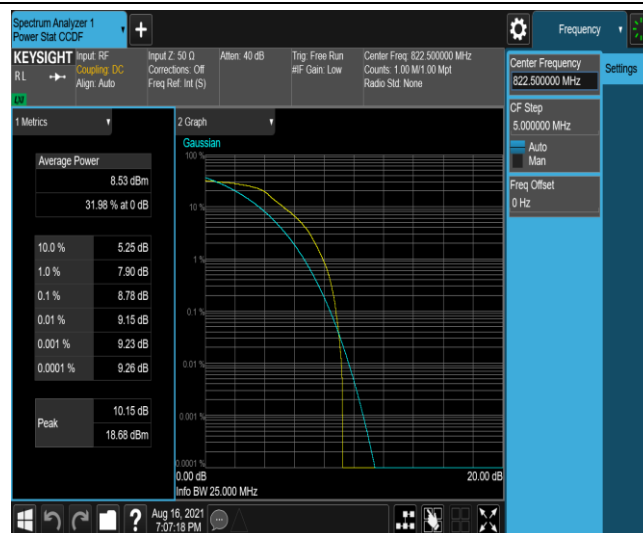
Band26-3MHz-QPSK-26740-1-0-Low-10.50-=<=13-PASS



Band26-3MHz-QPSK-26740-6-0-Low-8.90-=<=13-PASS



Band26-3MHz-QPSK-26775-1-0-High-8.22-=<=13-PASS



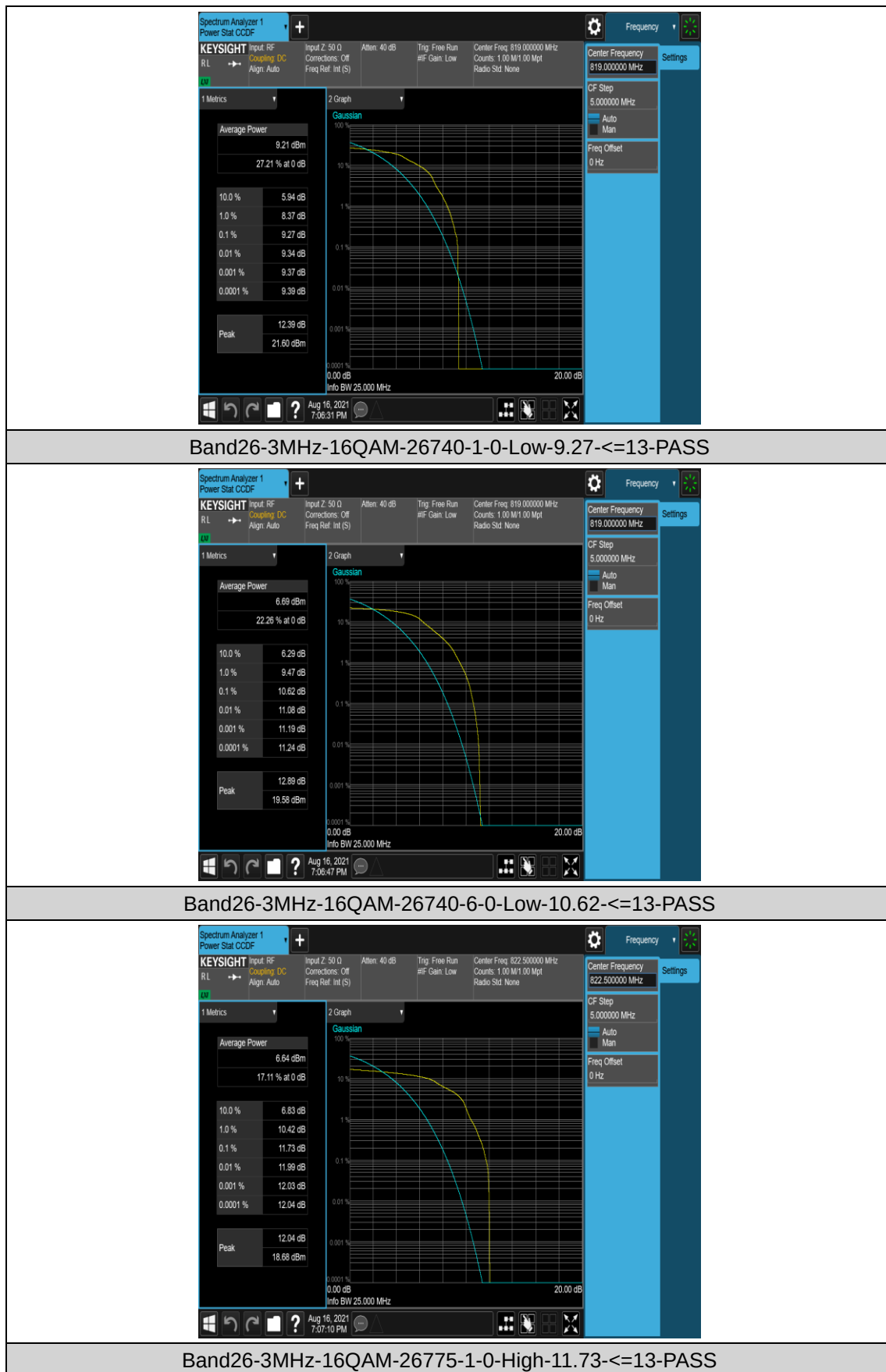
Band26-3MHz-QPSK-26775-6-0-High-8.78-<=13-PASS



Band26-3MHz-16QAM-26705-1-0-Low-10.37-<=13-PASS



Band26-3MHz-16QAM-26705-6-0-Low-8.22-<=13-PASS

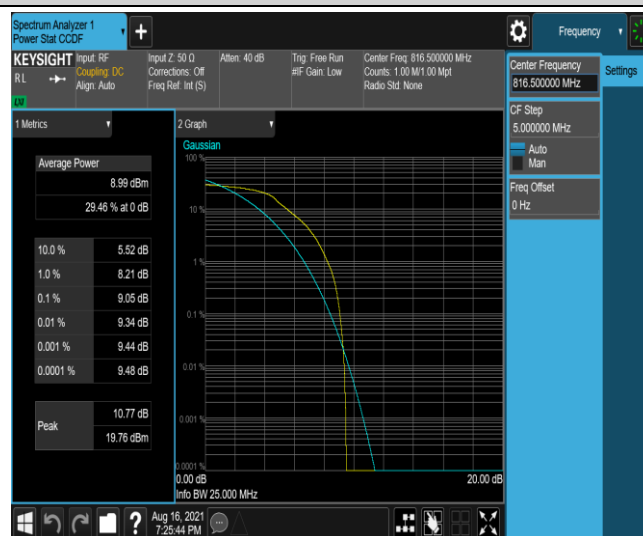




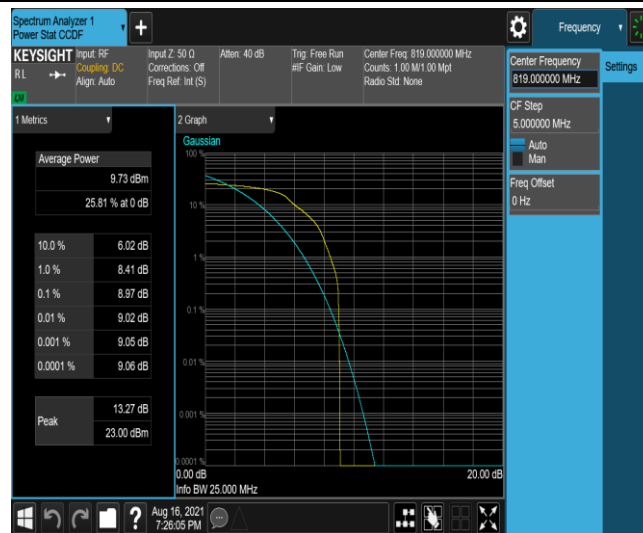
Band26-3MHz-16QAM-26775-6-0-High-9.26-<=13-PASS



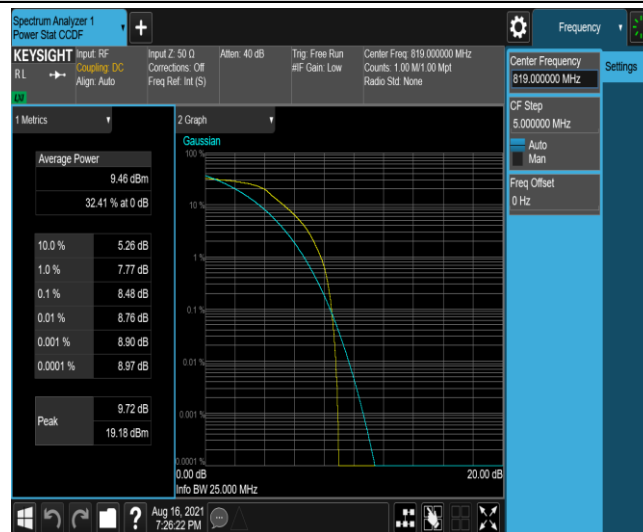
Band26-5MHz-QPSK-26715-1-0-Low-12.33-<=13-PASS



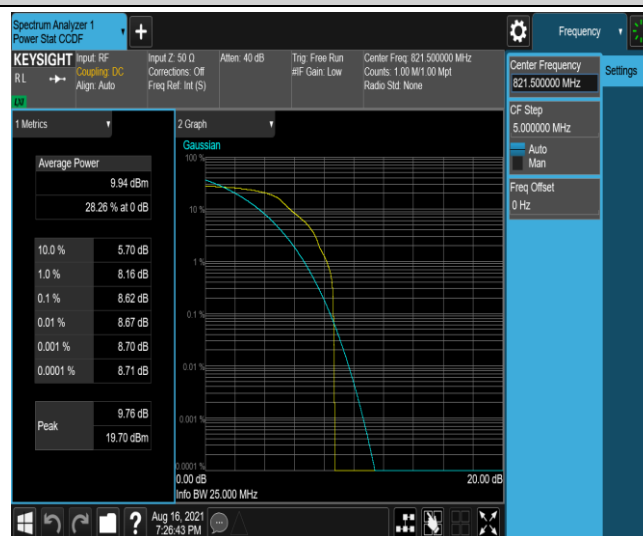
Band26-5MHz-QPSK-26715-6-0-Low-9.05-<=13-PASS



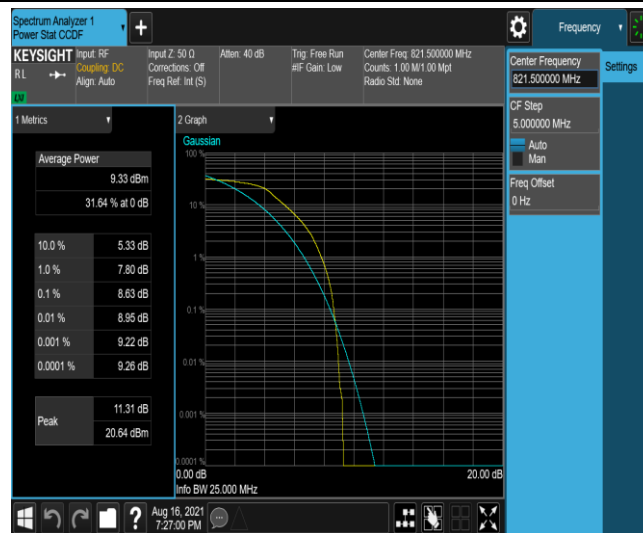
Band26-5MHz-QPSK-26740-1-0-Low-8.97-<=13-PASS



Band26-5MHz-QPSK-26740-6-0-Low-8.48-<=13-PASS



Band26-5MHz-QPSK-26765-1-0-High-8.62-<=13-PASS



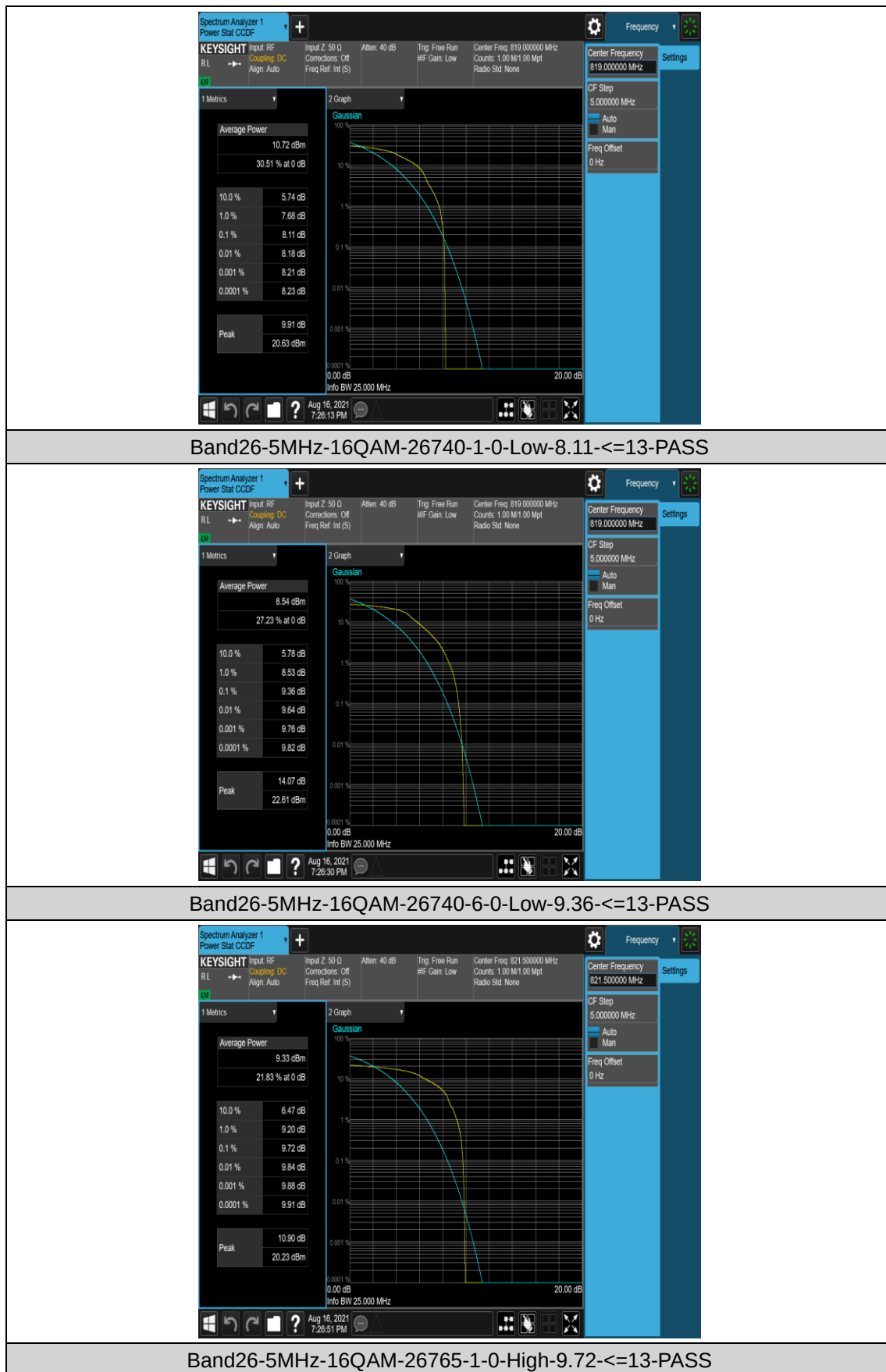
Band26-5MHz-QPSK-26765-6-0-High-8.63-<=13-PASS



Band26-5MHz-16QAM-26715-1-0-Low-10.08-<=13-PASS



Band26-5MHz-16QAM-26715-6-0-Low-7.82-<=13-PASS

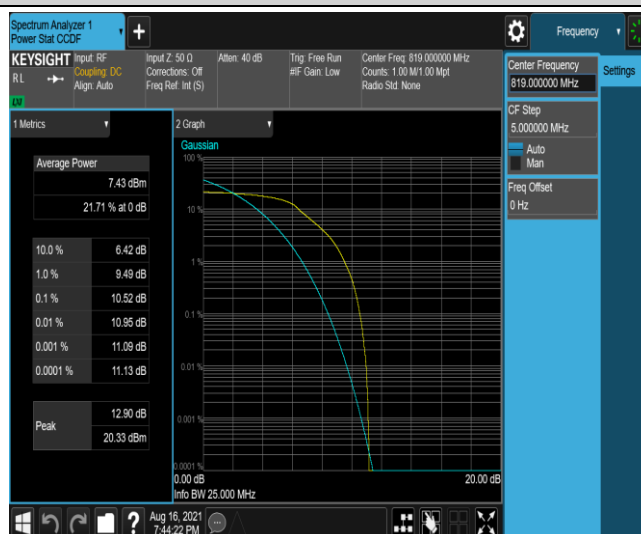




Band26-5MHz-16QAM-26765-6-0-High-10.04-<=13-PASS



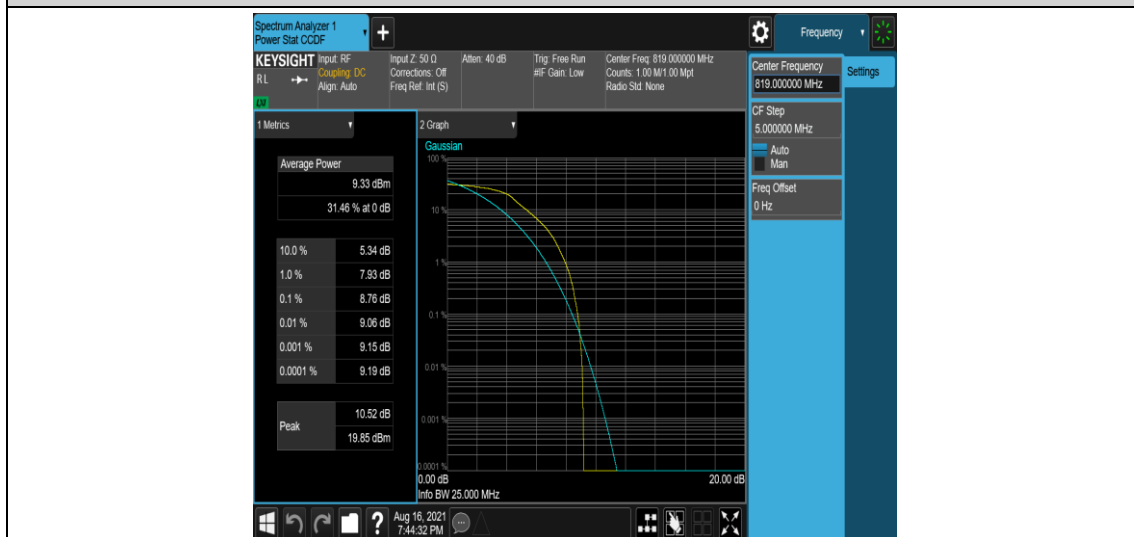
Band26-10MHz-QPSK-26740-1-0-Low-9.27-<=13-PASS



Band26-10MHz-QPSK-26740-6-0-Low-10.52-<=13-PASS



Band26-10MHz-16QAM-26740-1-0-Low-10.18-<=13-PASS



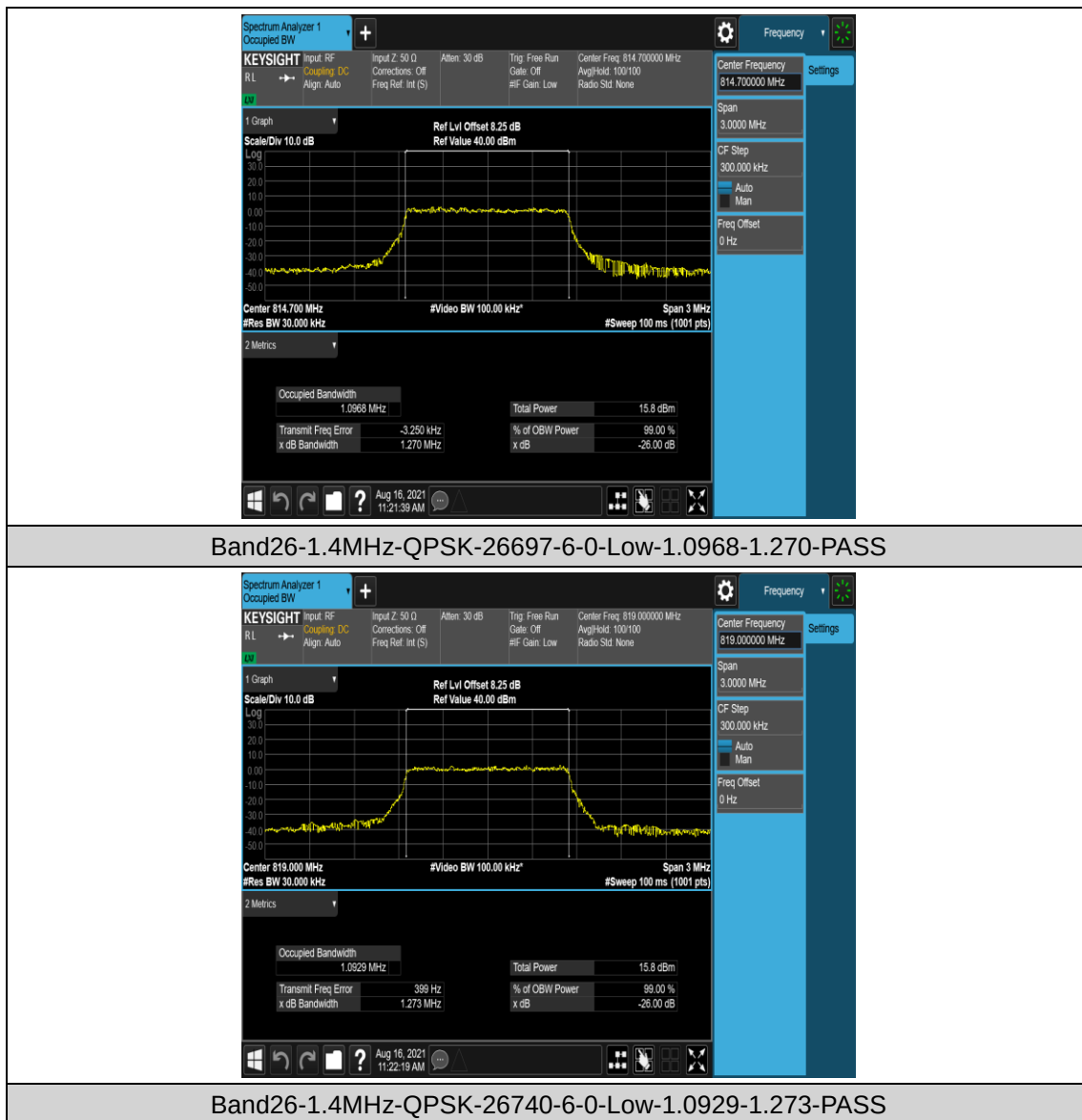
Band26-10MHz-16QAM-26740-6-0-Low-8.76-<=13-PASS

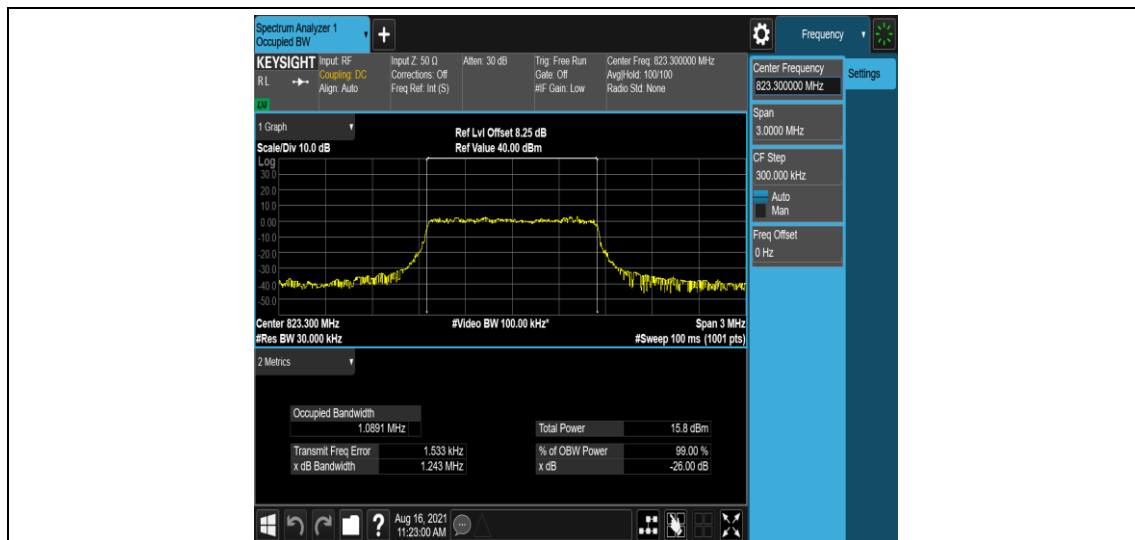
Appendix C: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

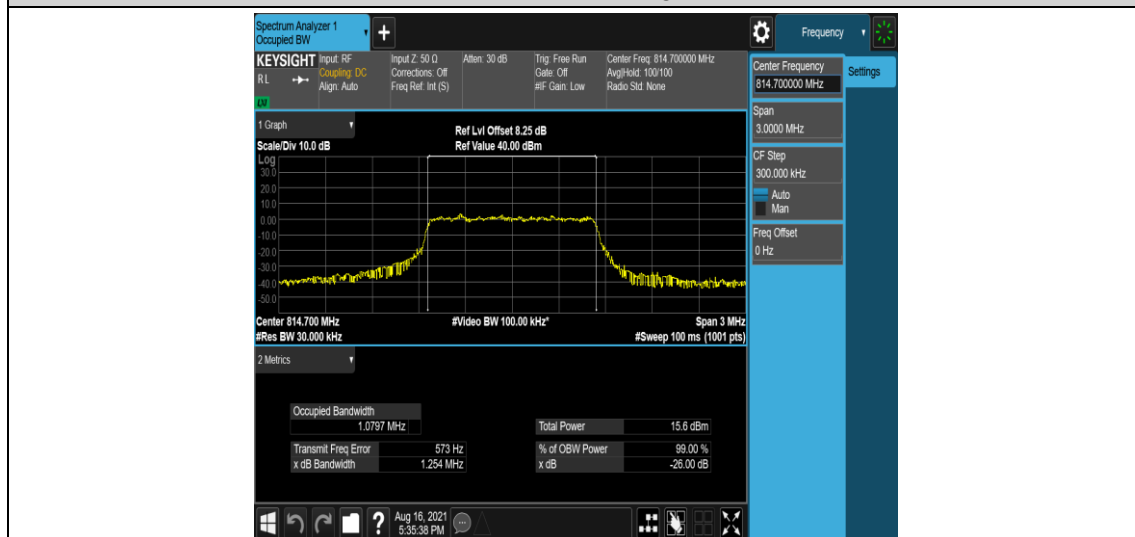
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	26697	QPSK	6	0	1.0968	1.270	PASS
Band26	1.4MHz	26740	QPSK	6	0	1.0929	1.273	PASS
Band26	1.4MHz	26783	QPSK	6	0	1.0891	1.243	PASS
Band26	1.4MHz	26697	16QAM	6	0	1.0797	1.254	PASS
Band26	1.4MHz	26740	16QAM	6	0	1.0896	1.237	PASS
Band26	1.4MHz	26783	16QAM	6	0	1.0897	1.267	PASS
Band26	3MHz	26705	QPSK	6	0	1.1111	1.274	PASS
Band26	3MHz	26740	QPSK	6	0	1.1102	1.286	PASS
Band26	3MHz	26775	QPSK	6	0	1.1155	1.284	PASS
Band26	3MHz	26705	16QAM	6	0	1.1085	1.272	PASS
Band26	3MHz	26740	16QAM	6	0	1.1097	1.280	PASS
Band26	3MHz	26775	16QAM	6	0	1.1168	1.277	PASS
Band26	5MHz	26715	QPSK	6	0	1.1676	1.346	PASS
Band26	5MHz	26740	QPSK	6	0	1.1615	1.342	PASS
Band26	5MHz	26765	QPSK	6	0	1.1581	1.343	PASS
Band26	5MHz	26715	16QAM	6	0	1.1629	1.346	PASS
Band26	5MHz	26740	16QAM	6	0	1.1606	1.344	PASS
Band26	5MHz	26765	16QAM	6	0	1.1654	1.344	PASS
Band26	10MHz	26740	QPSK	6	0	1.2956	1.559	PASS
Band26	10MHz	26740	16QAM	6	0	1.2962	1.569	PASS

Test Graphs

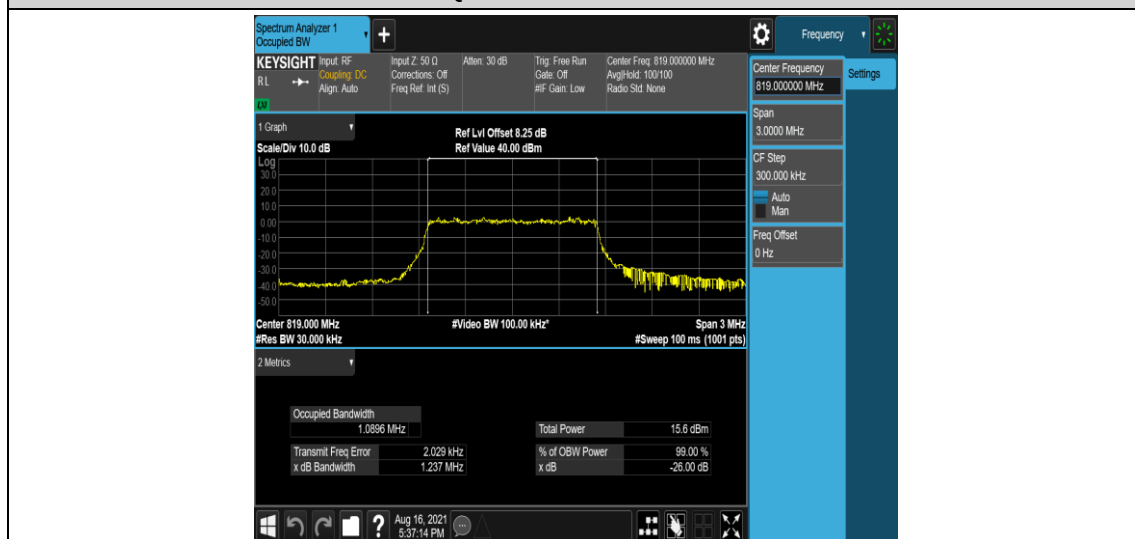




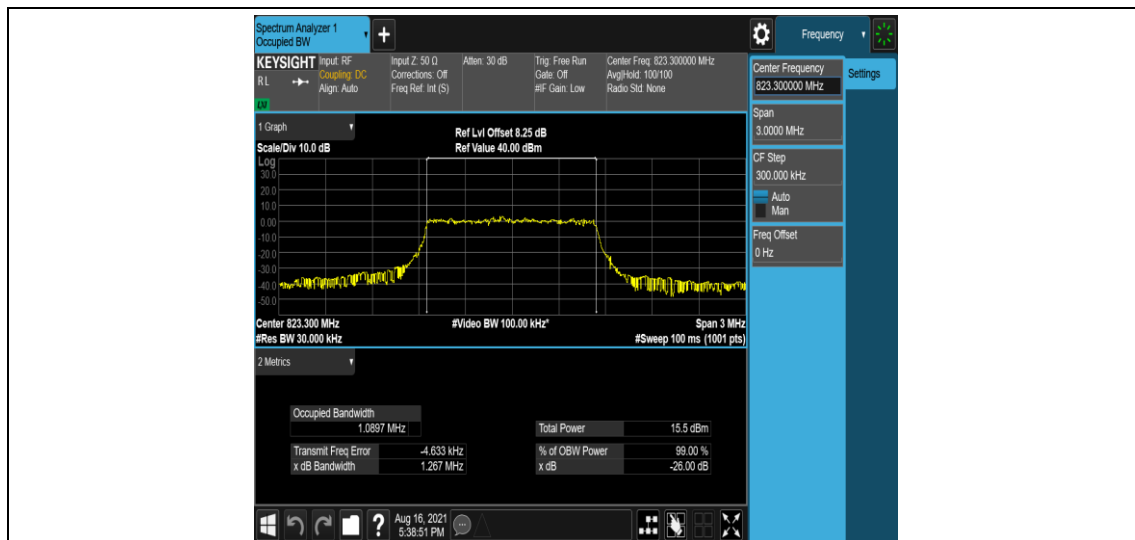
Band26-1.4MHz-QPSK-26783-6-0-High-1.0891-1.243-PASS



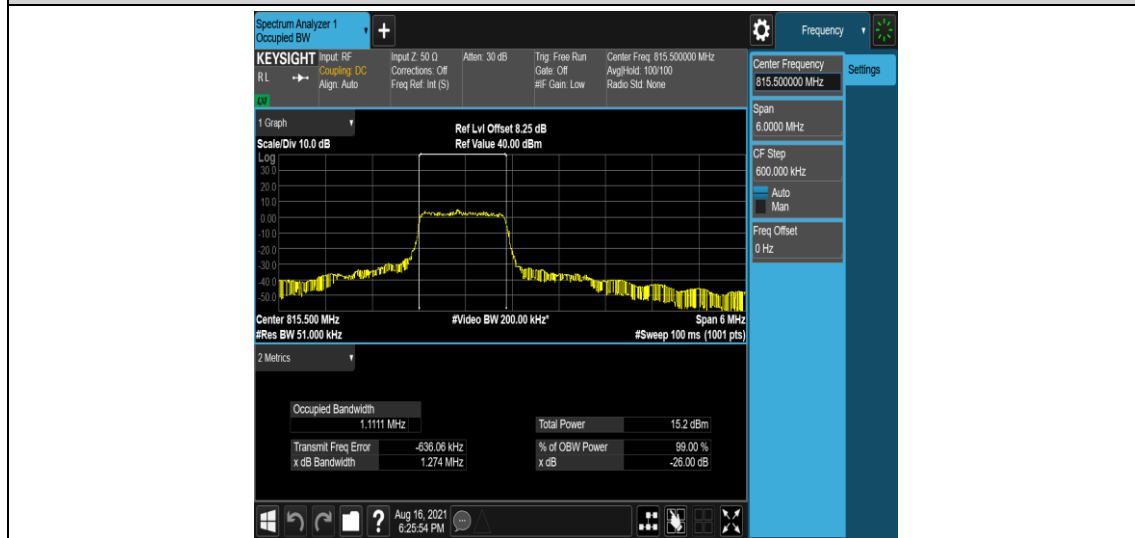
Band26-1.4MHz-16QAM-26697-6-0-Low-1.0797-1.254-PASS



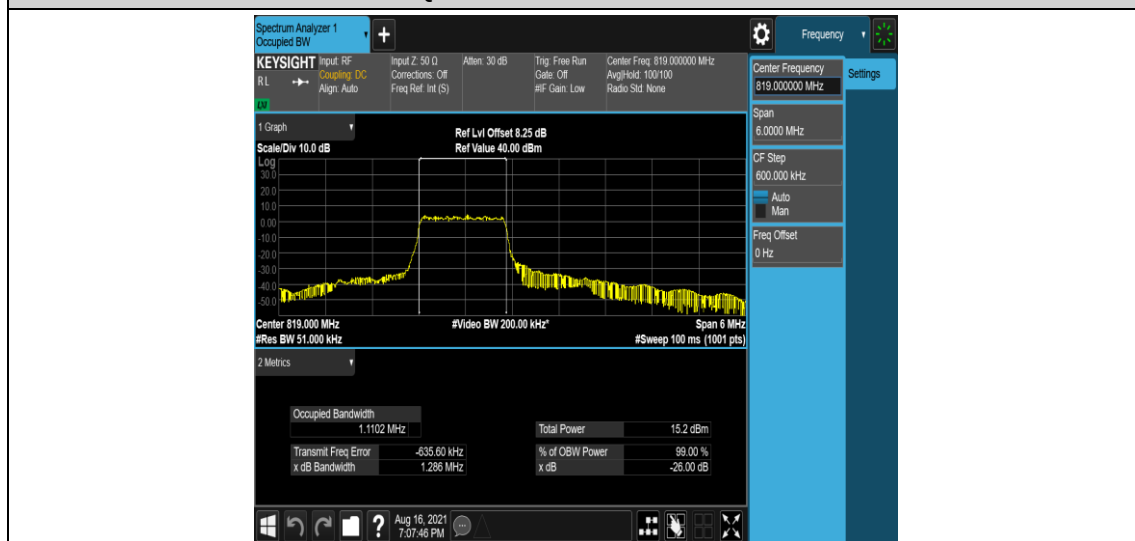
Band26-1.4MHz-16QAM-26740-6-0-Low-1.0896-1.237-PASS



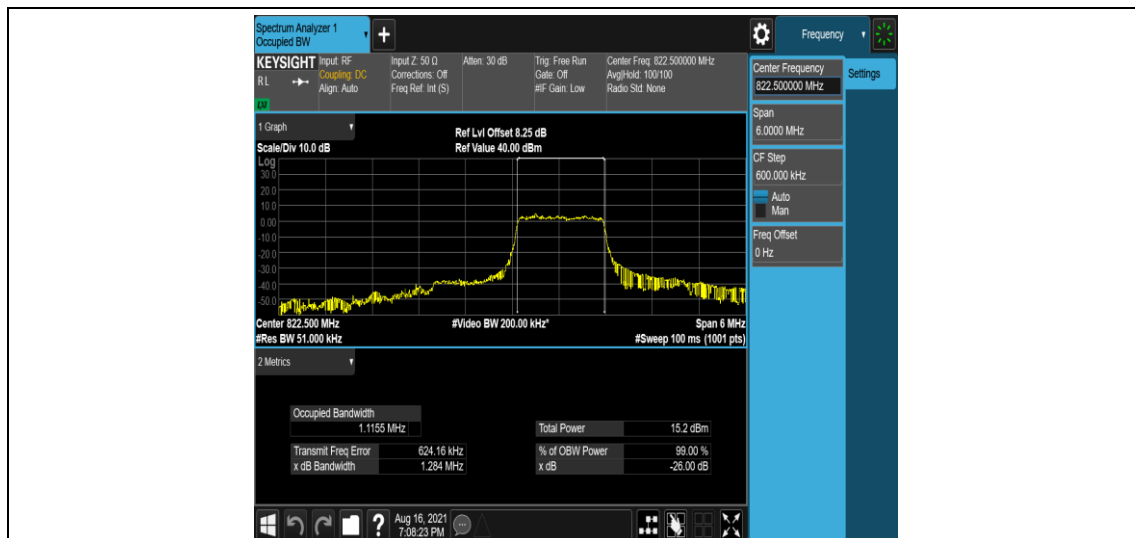
Band26-1.4MHz-16QAM-26783-6-0-High-1.0897-1.267-PASS



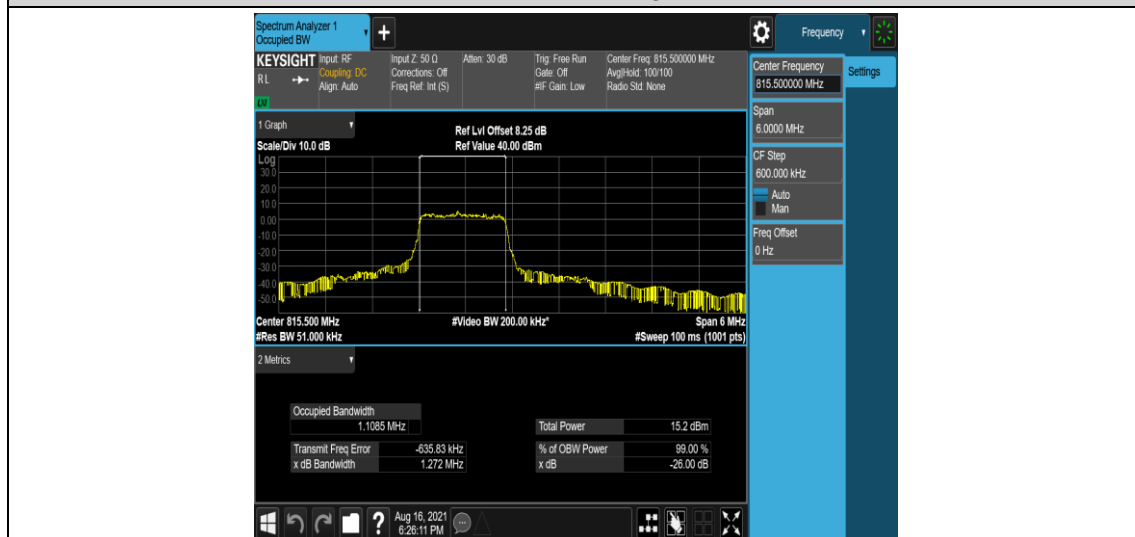
Band26-3MHz-QPSK-26705-6-0-Low-1.1111-1.274-PASS



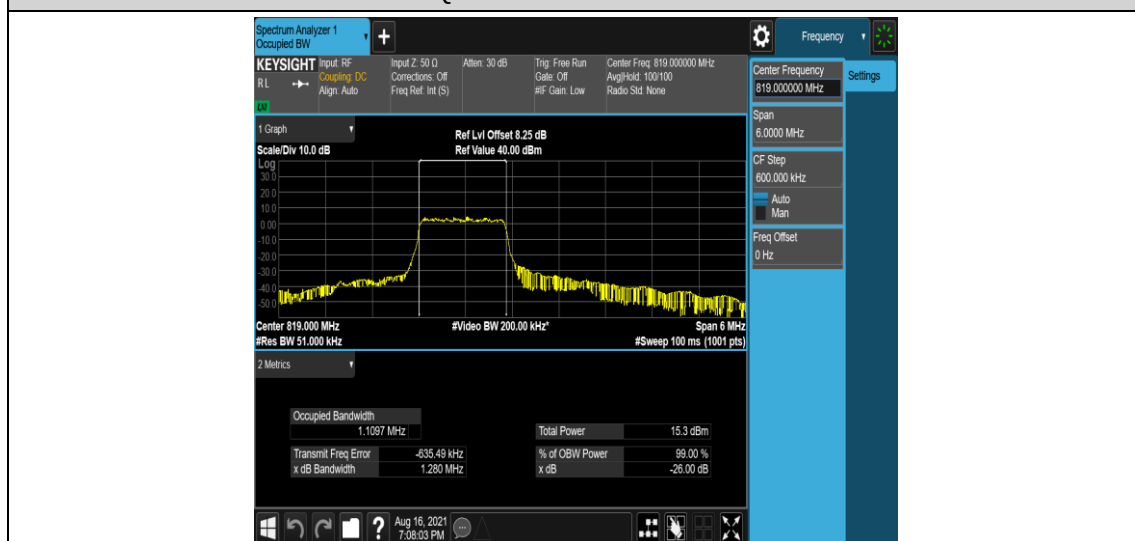
Band26-3MHz-QPSK-26740-6-0-Low-1.1102-1.286-PASS



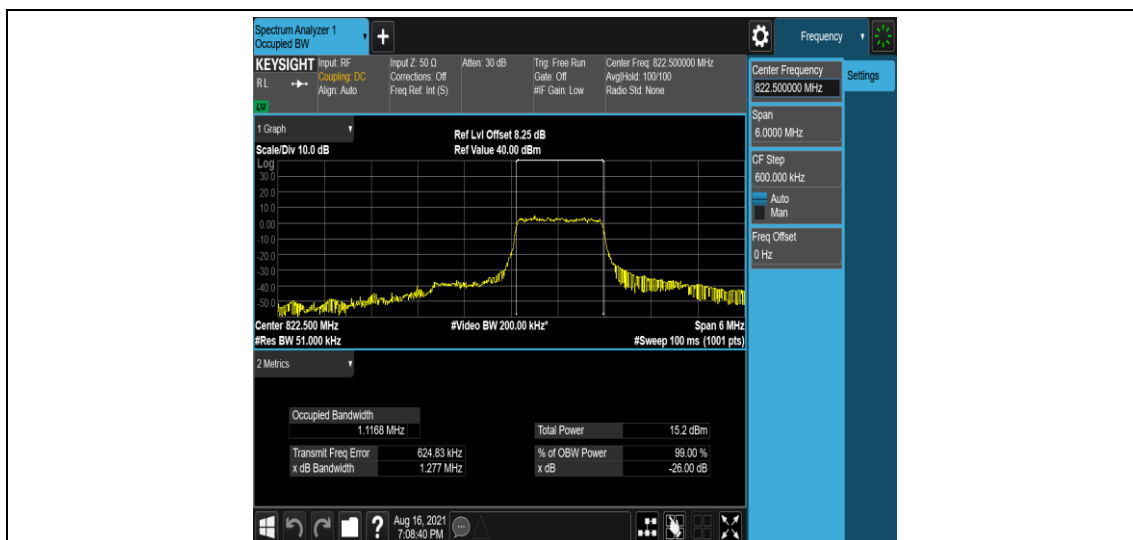
Band26-3MHz-QPSK-26775-6-0-High-1.1155-1.284-PASS



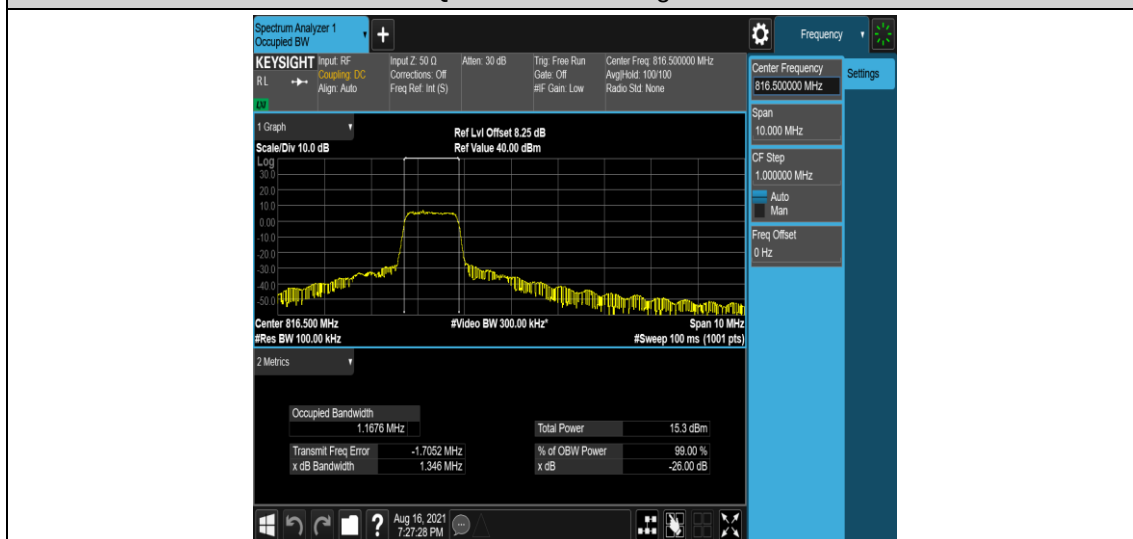
Band26-3MHz-16QAM-26705-6-0-Low-1.1085-1.272-PASS



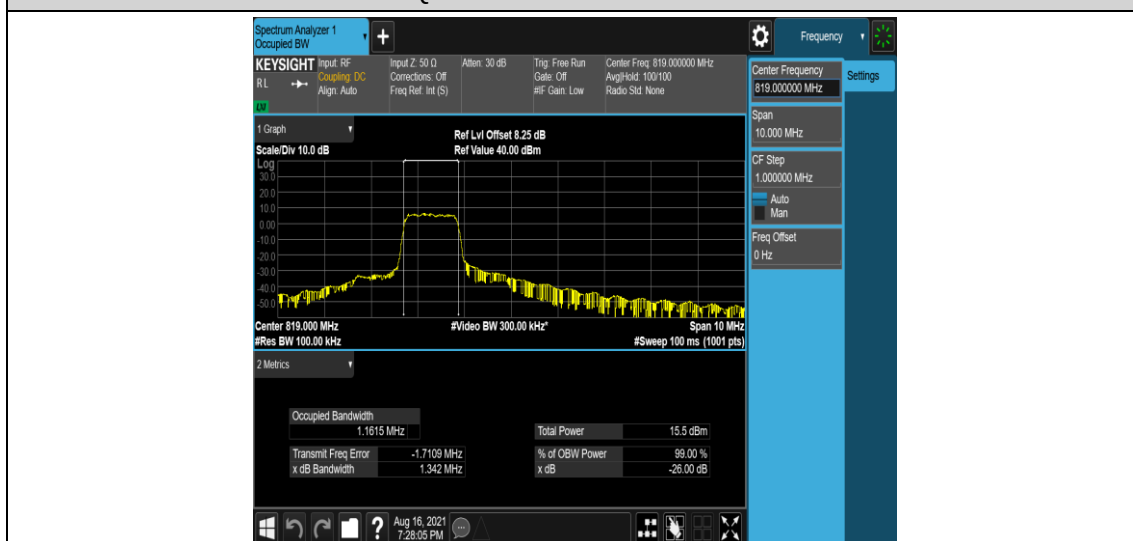
Band26-3MHz-16QAM-26740-6-0-Low-1.1097-1.280-PASS



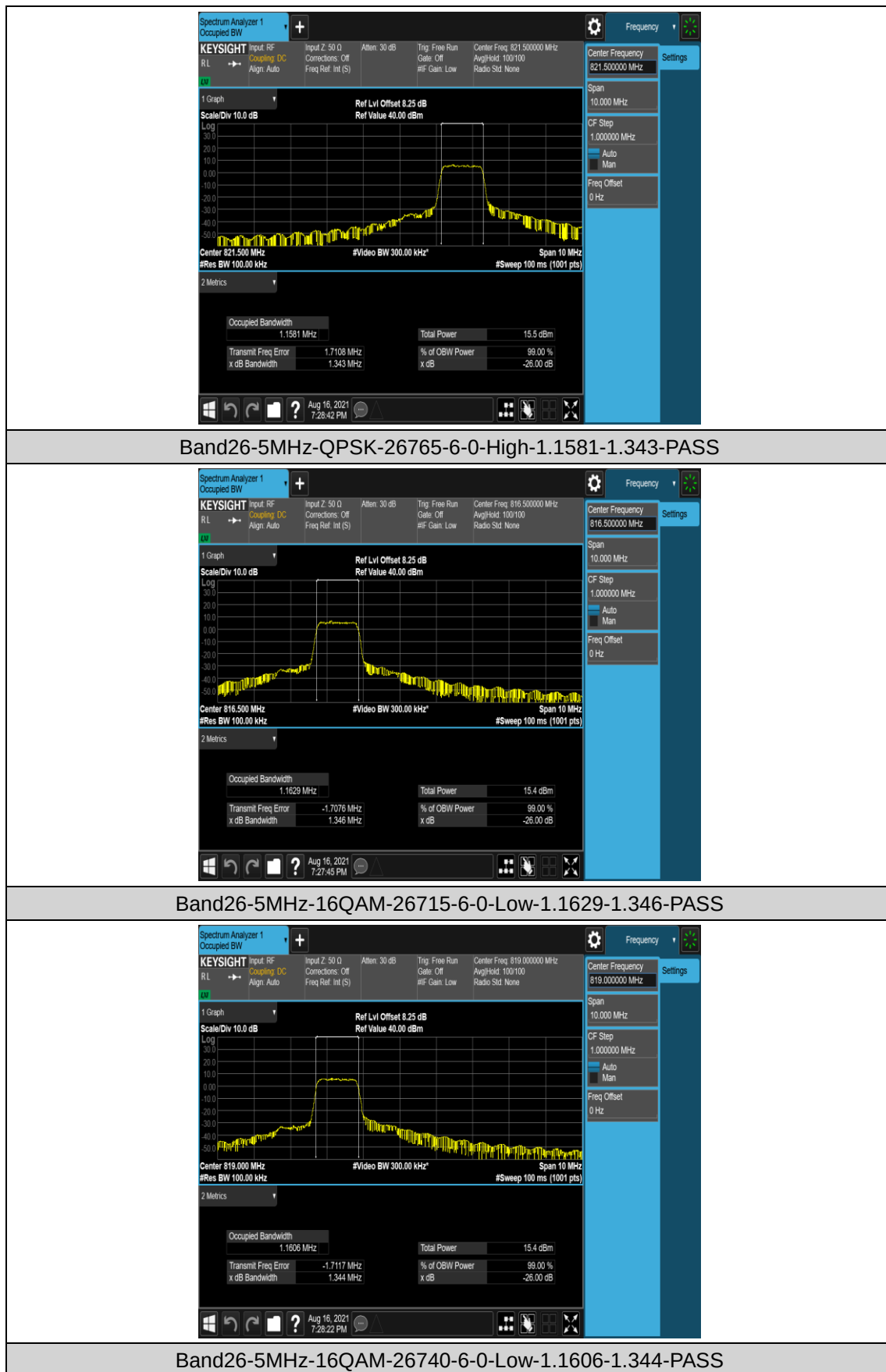
Band26-3MHz-16QAM-26775-6-0-High-1.1168-1.277-PASS

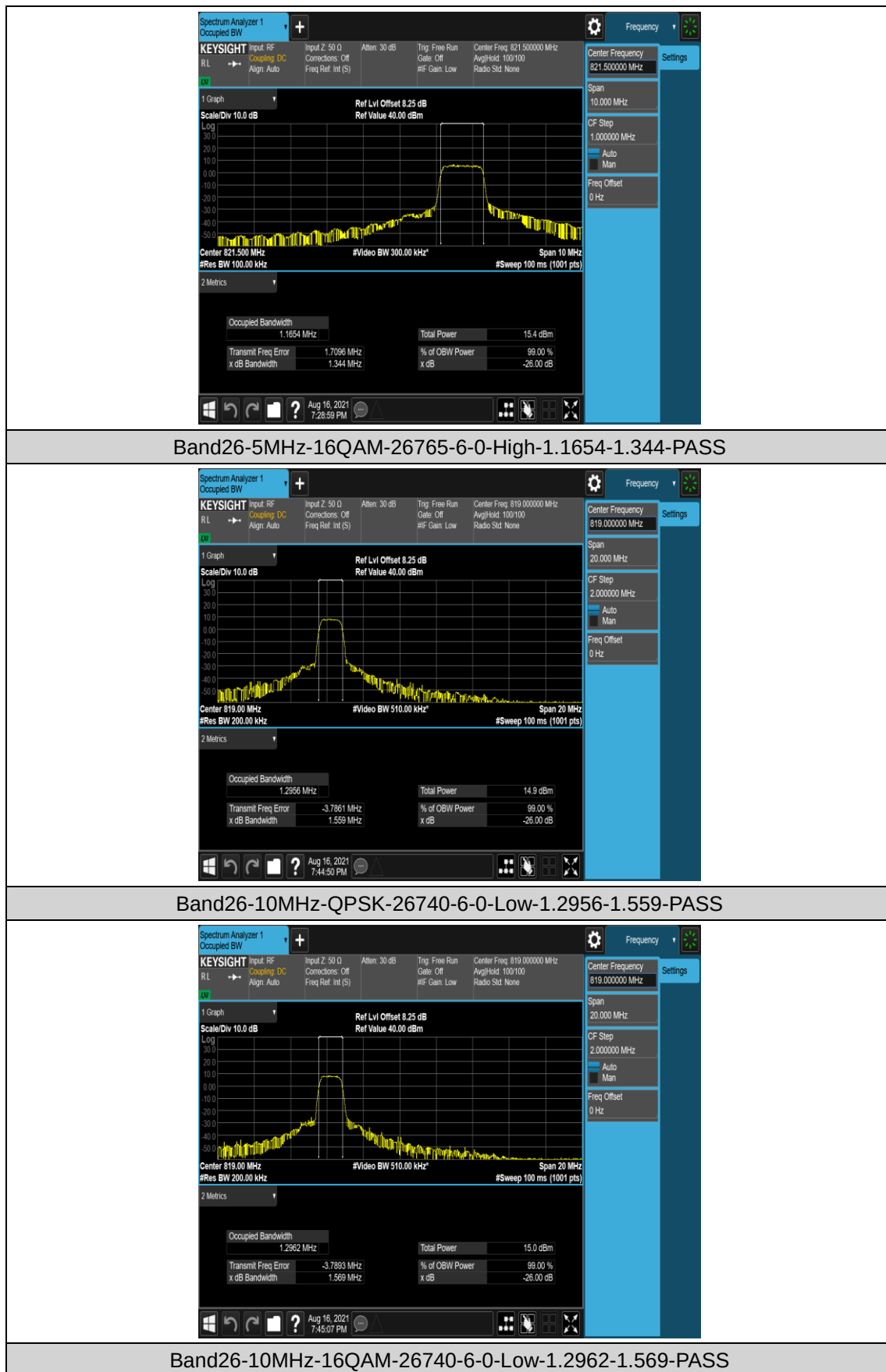


Band26-5MHz-QPSK-26715-6-0-Low-1.1676-1.346-PASS



Band26-5MHz-QPSK-26740-6-0-Low-1.1615-1.342-PASS





Band26-5MHz-16QAM-26765-6-0-High-1.1654-1.344-PASS

Band26-10MHz-QPSK-26740-6-0-Low-1.2956-1.559-PASS

Band26-10MHz-16QAM-26740-6-0-Low-1.2962-1.569-PASS

Appendix D: Band Edge for M1

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	Low	-25.52,-27.87	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	-31.40,-33.77	PASS
Band26	1.4MHz	26783	QPSK	1	0	High	-39.71,-39.33	PASS
Band26	1.4MHz	26783	QPSK	6	0	High	-31.22,-32.52	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	-28.16,-34.25	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	-31.06,-33.56	PASS
Band26	1.4MHz	26783	16QAM	1	0	High	-39.34,-39.49	PASS
Band26	1.4MHz	26783	16QAM	6	0	High	-31.38,-32.37	PASS
Band26	3MHz	26705	QPSK	1	0	Low	-36.47,-33.72	PASS
Band26	3MHz	26705	QPSK	6	0	Low	-33.99,-35.38	PASS
Band26	3MHz	26775	QPSK	1	0	High	-38.93,-40.54	PASS
Band26	3MHz	26775	QPSK	6	0	High	-34.74,-36.40	PASS
Band26	3MHz	26705	16QAM	1	0	Low	-29.83,-31.13	PASS
Band26	3MHz	26705	16QAM	6	0	Low	-33.84,-35.36	PASS
Band26	3MHz	26775	16QAM	1	0	High	-39.44,-41.09	PASS
Band26	3MHz	26775	16QAM	6	0	High	-38.31,-36.26	PASS
Band26	5MHz	26715	QPSK	1	0	Low	-25.84,-28.71	PASS
Band26	5MHz	26715	QPSK	6	0	Low	-28.36,-30.11	PASS
Band26	5MHz	26765	QPSK	1	0	High	-37.98,-38.01	PASS
Band26	5MHz	26765	QPSK	6	0	High	-29.36,-32.05	PASS
Band26	5MHz	26715	16QAM	1	0	Low	-25.87,-30.71	PASS
Band26	5MHz	26715	16QAM	6	0	Low	-29.15,-29.54	PASS
Band26	5MHz	26765	16QAM	1	0	High	-57.13,-34.37	PASS
Band26	5MHz	26765	16QAM	6	0	High	-29.02,-31.87	PASS
Band26	10MHz	26740	QPSK	1	0	Low	-56.72,-56.52	PASS
Band26	10MHz	26740	QPSK	6	0	Low	-59.68,-57.59	PASS
Band26	10MHz	26740	16QAM	1	0	Low	-57.06,-57.90	PASS
Band26	10MHz	26740	16QAM	6	0	Low	-59.14,-57.86	PASS