

Appendix for Band 26(814-824MHz)

Product Name: LTE Module

Model No: Global-7243A4x4CB

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.20	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.43	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.99	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.16	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.15	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.01	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.18	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.79	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.06	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.62	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.83	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.82	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.65	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.81	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.24	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.41	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.01	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.21	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.20	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.02	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.30	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.16	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.41	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.13	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.12	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.94	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.18	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.71	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.90	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.48	PASS

Band26	1.4MHz	16QAM	26740	3RB#0	21.67	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.66	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.48	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.79	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.18	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.38	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	20.99	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.16	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.16	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.07	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.66	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.04	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.03	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.85	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.59	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.58	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.11	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.03	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.81	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.67	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.36	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.15	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.15	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.60	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.72	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.23	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.23	PASS
Band26	3MHz	QPSK	26775	1RB#14	21.96	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.59	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.60	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.13	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.27	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.02	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.02	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.78	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.72	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.71	PASS

Band26	3MHz	16QAM	26705	8RB#7	21.09	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.04	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.59	PASS
Band26	3MHz	16QAM	26740	1RB#8	21.48	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.16	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.19	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.20	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.73	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.78	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.27	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.39	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.11	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.61	PASS
Band26	3MHz	16QAM	26775	8RB#4	20.62	PASS
Band26	3MHz	16QAM	26775	8RB#7	20.12	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.71	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.48	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.51	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.24	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.18	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.16	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.51	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.53	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.30	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.28	PASS
Band26	5MHz	QPSK	26740	1RB#24	21.88	PASS
Band26	5MHz	QPSK	26740	12RB#0	21.90	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.89	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.17	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.25	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	21.92	PASS
Band26	5MHz	QPSK	26765	1RB#24	21.55	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.35	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.35	PASS
Band26	5MHz	QPSK	26765	12RB#13	20.86	PASS
Band26	5MHz	QPSK	26765	25RB#0	20.97	PASS

Band26	5MHz	16QAM	26715	1RB#0	21.64	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.61	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.30	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.06	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.04	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.60	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.55	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.39	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.48	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.06	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.06	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.05	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.63	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.75	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.01	PASS
Band26	5MHz	16QAM	26765	1RB#12	20.94	PASS
Band26	5MHz	16QAM	26765	1RB#24	20.57	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.47	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.46	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.81	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.99	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.04	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.51	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.02	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.05	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.04	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.38	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.69	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.95	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.38	PASS
Band26	10MHz	16QAM	26740	1RB#49	20.99	PASS
Band26	10MHz	16QAM	26740	25RB#0	20.95	PASS
Band26	10MHz	16QAM	26740	25RB#12	20.94	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.44	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.84	PASS

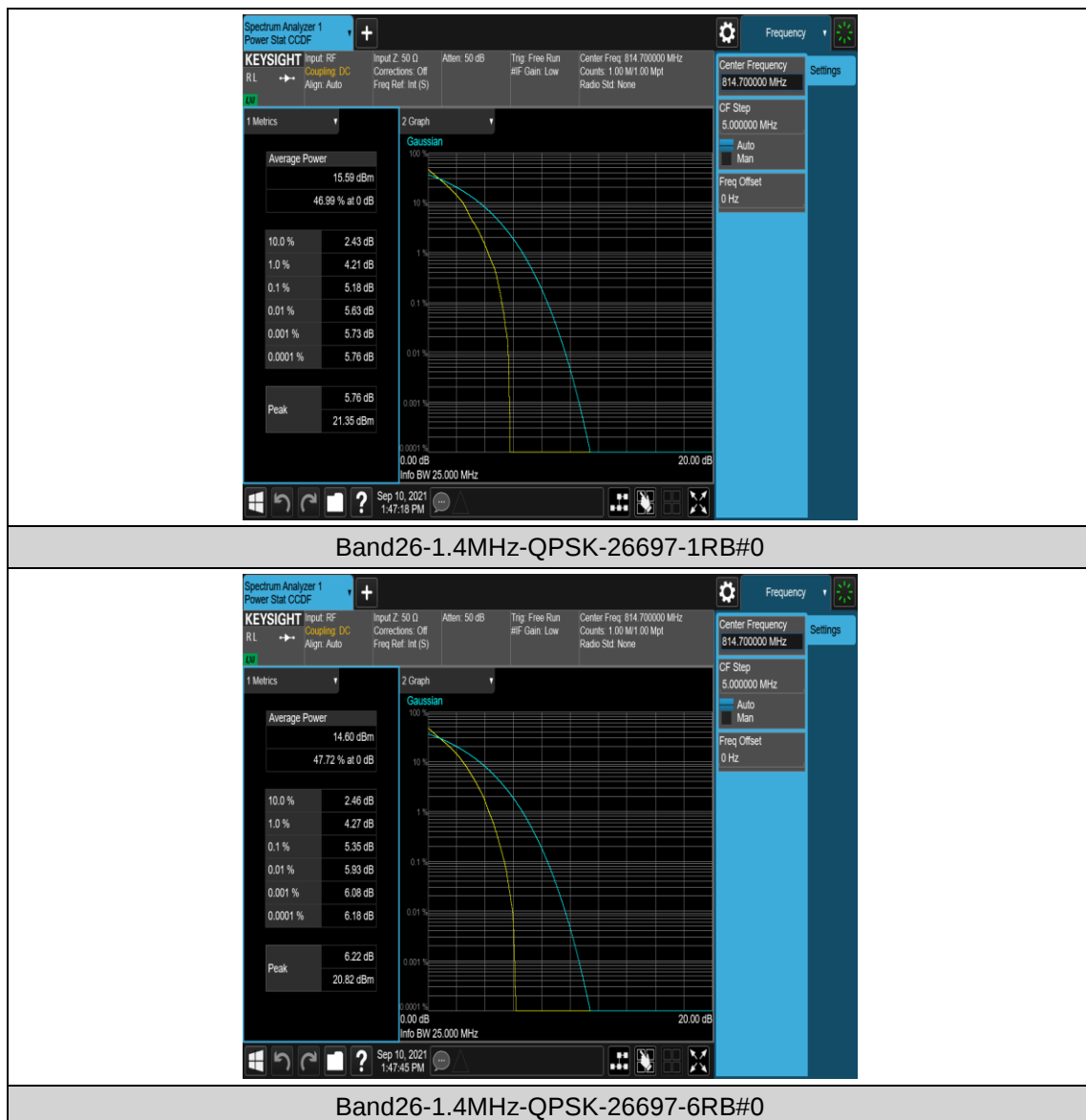
Appendix B: Peak-to-Average Ratio(CCDF)

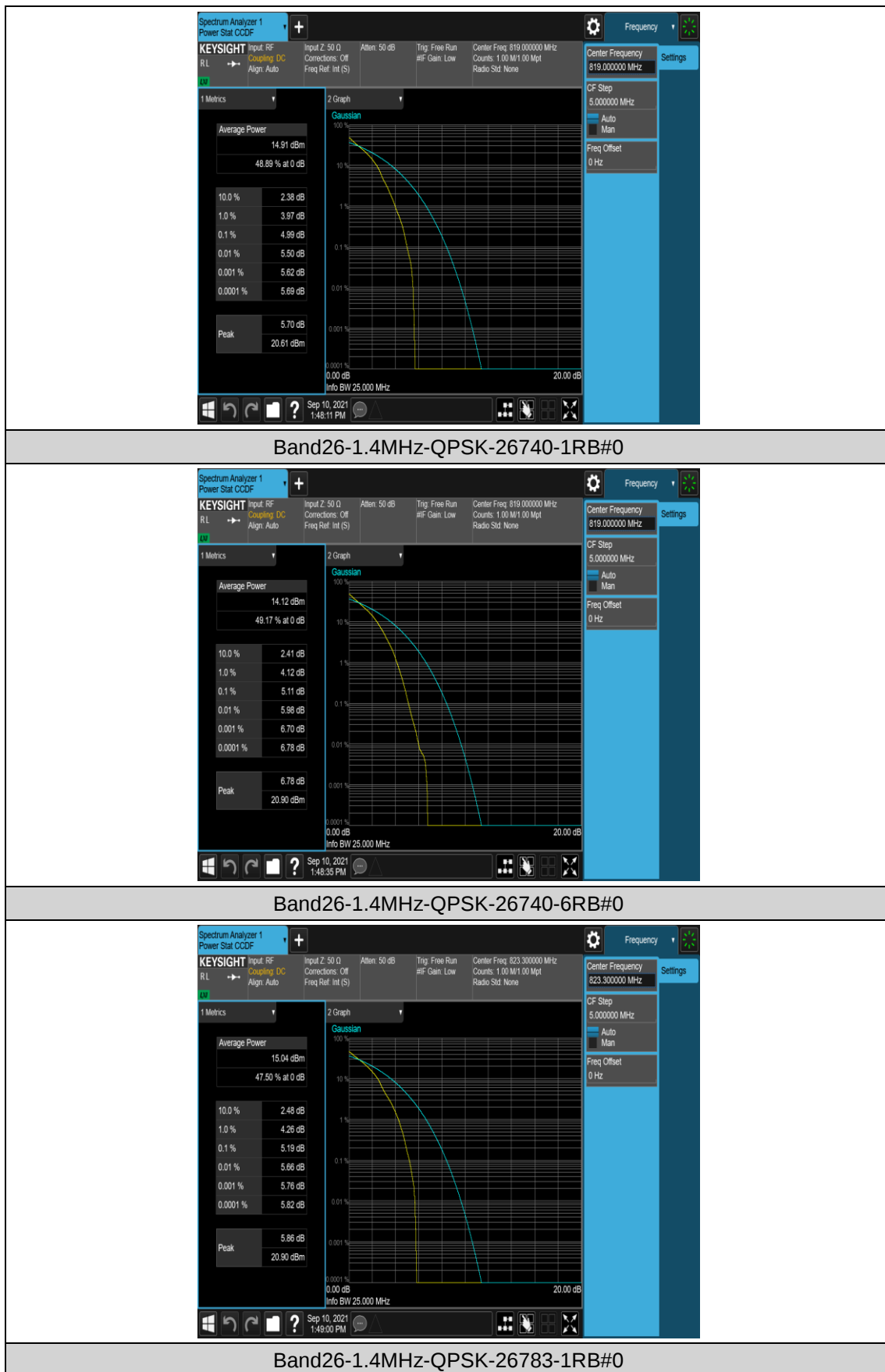
Test Result

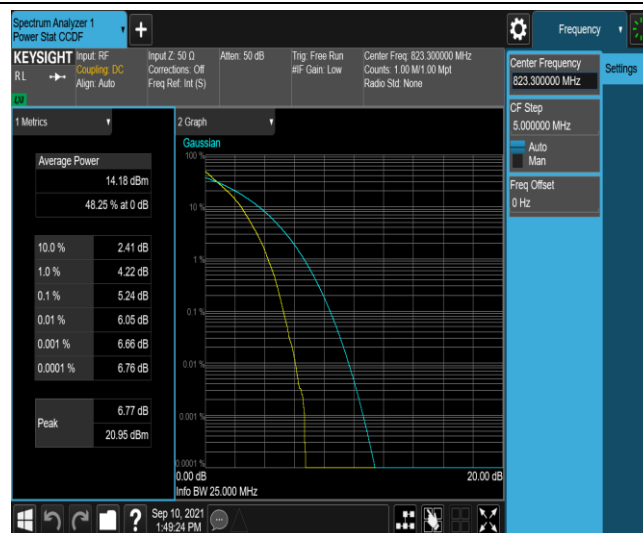
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	5.18	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	5.35	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	4.99	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.11	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	5.19	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.24	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	5.84	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	6.14	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.73	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	5.83	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	6.16	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	5.89	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	4.61	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.55	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	5.33	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.76	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	5.26	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.62	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.36	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	6.36	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	6.02	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.54	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	6.42	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	6.56	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	5.46	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.16	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	5.26	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.16	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	4.98	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.16	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.73	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	5.82	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.66	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	5.79	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	5.43	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	5.87	13	PASS

Band26	10MHz	QPSK	26740	1RB#0	5.16	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.08	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.73	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.79	13	PASS

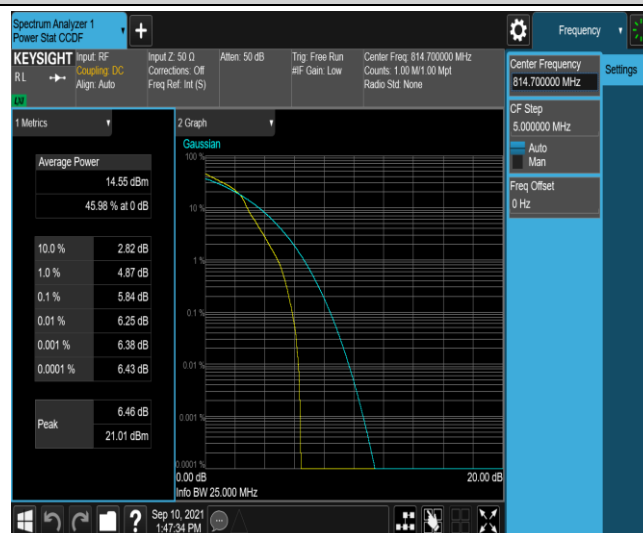
Test Graphs







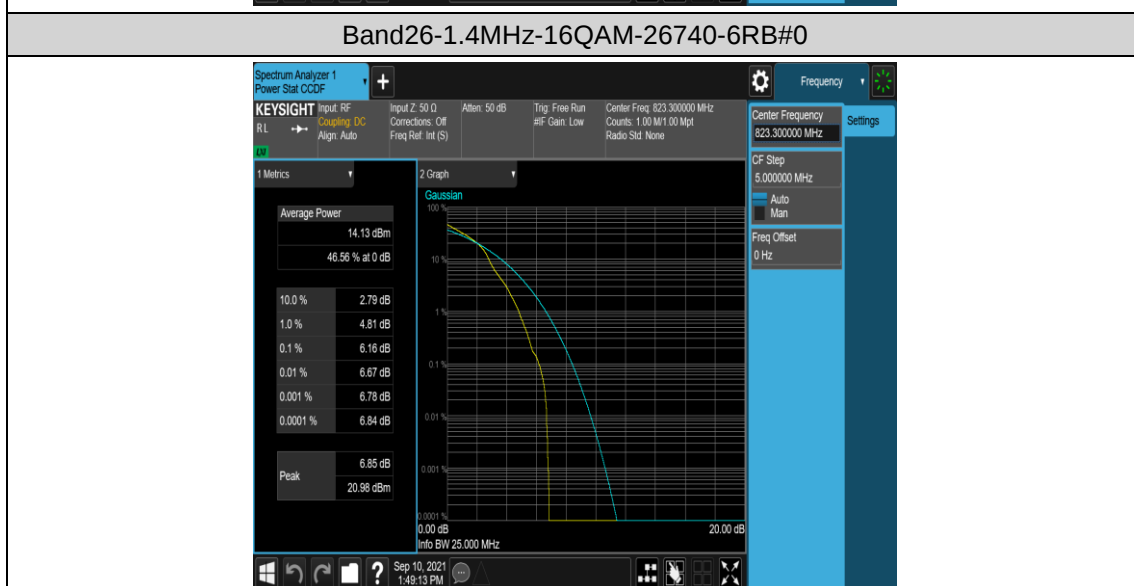
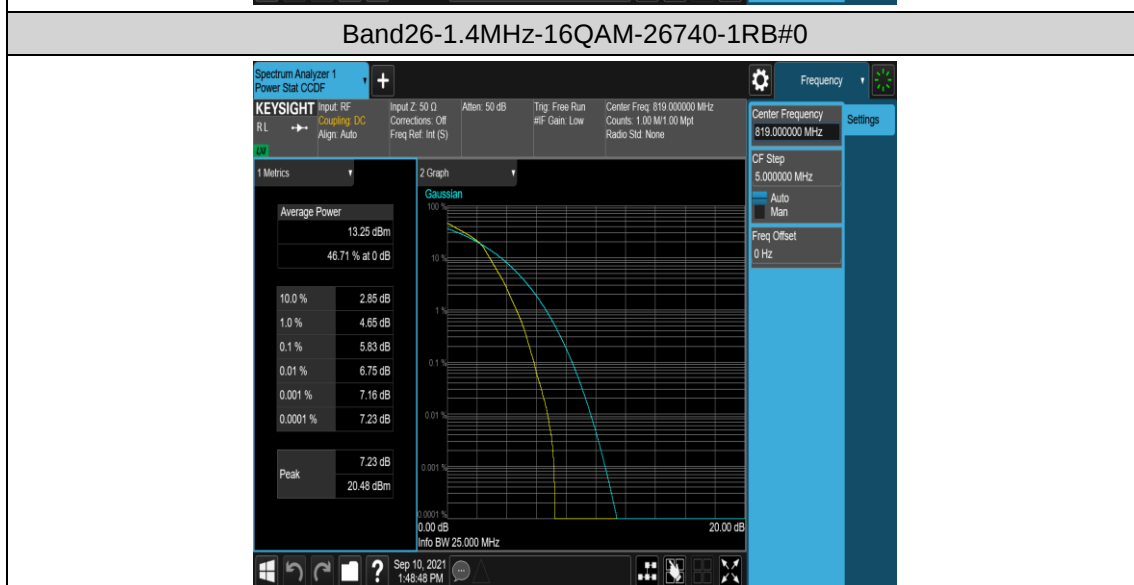
Band26-1.4MHz-QPSK-26783-6RB#0

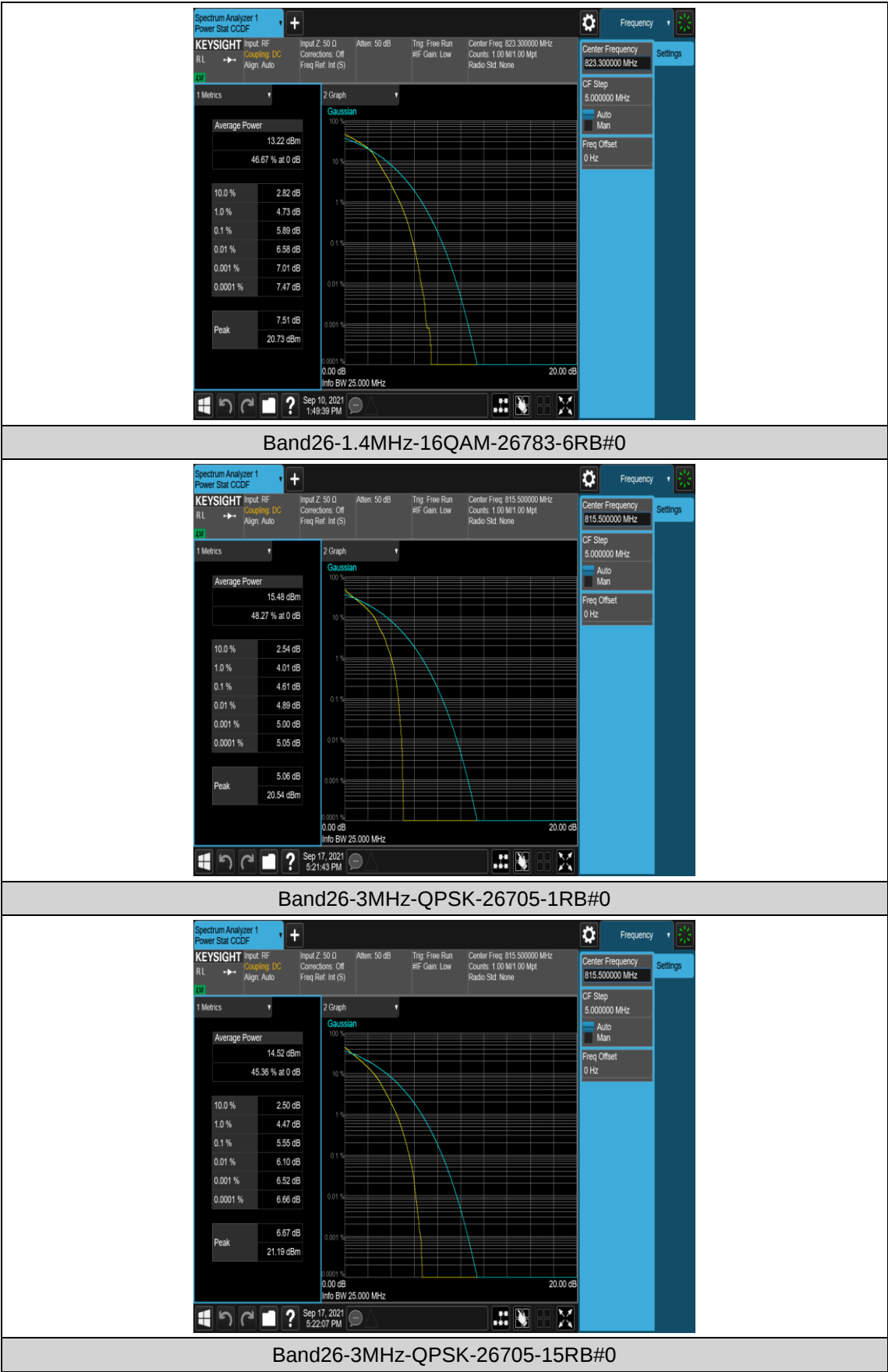


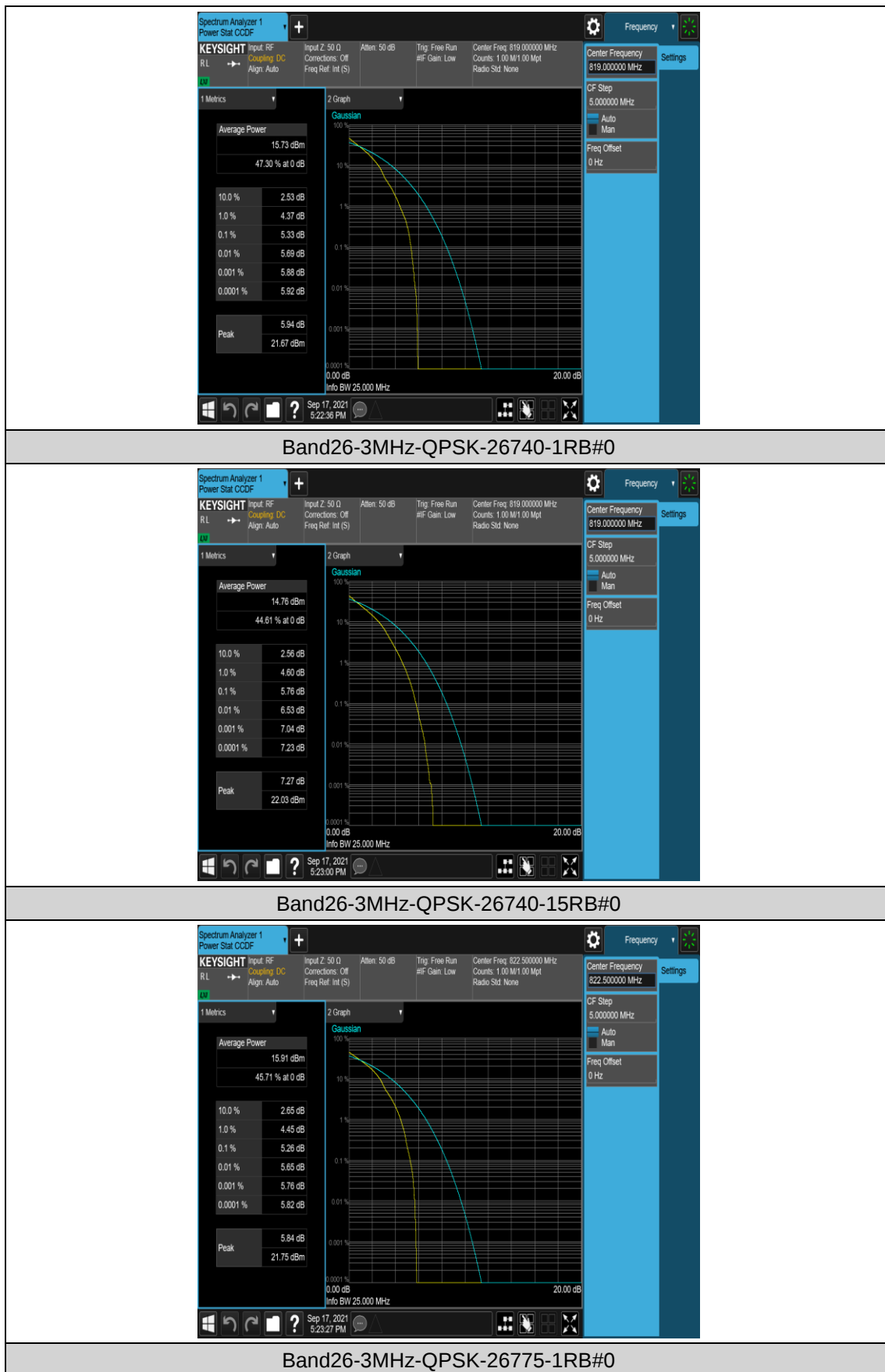
Band26-1.4MHz-16QAM-26697-1RB#0

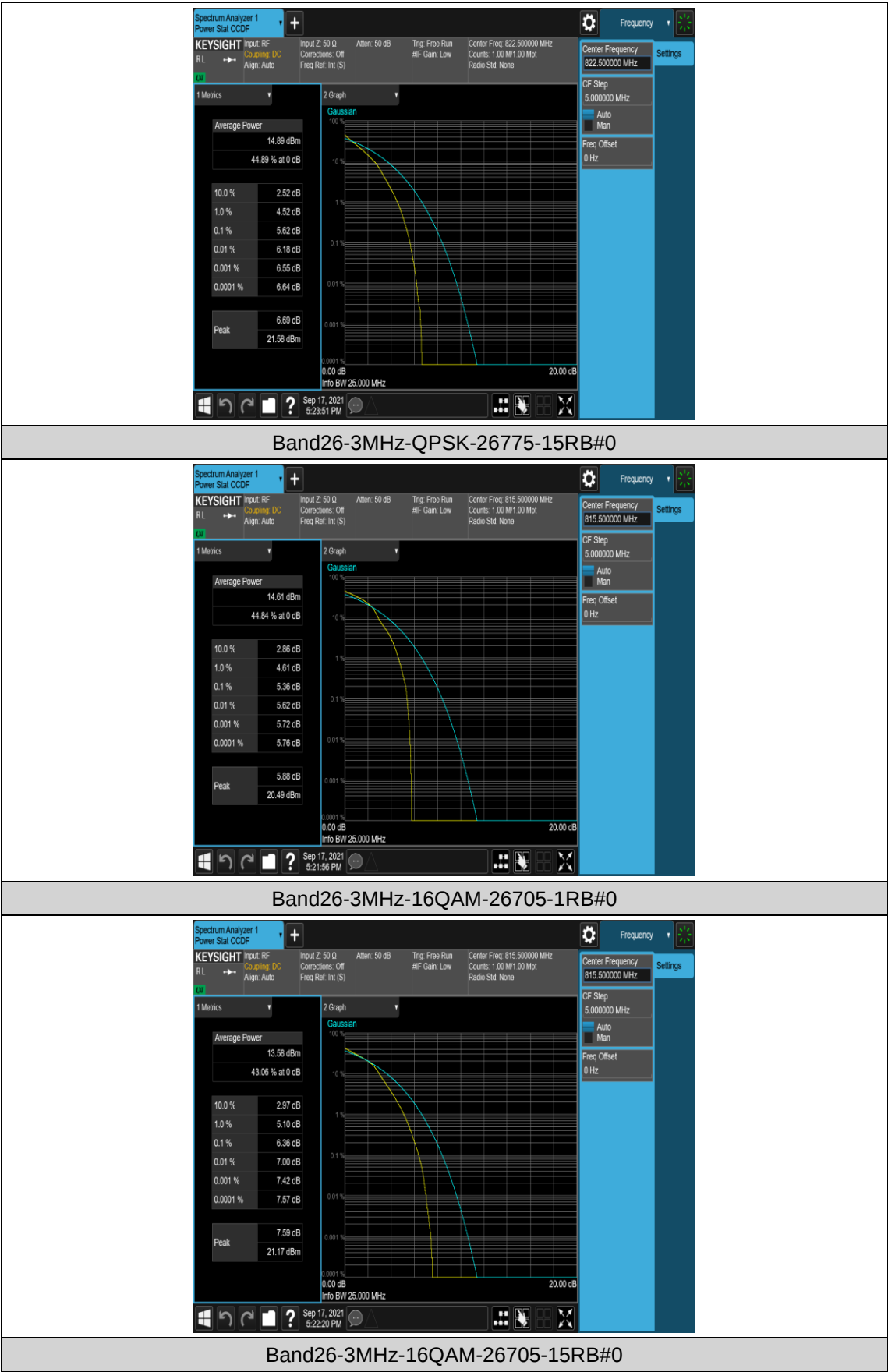


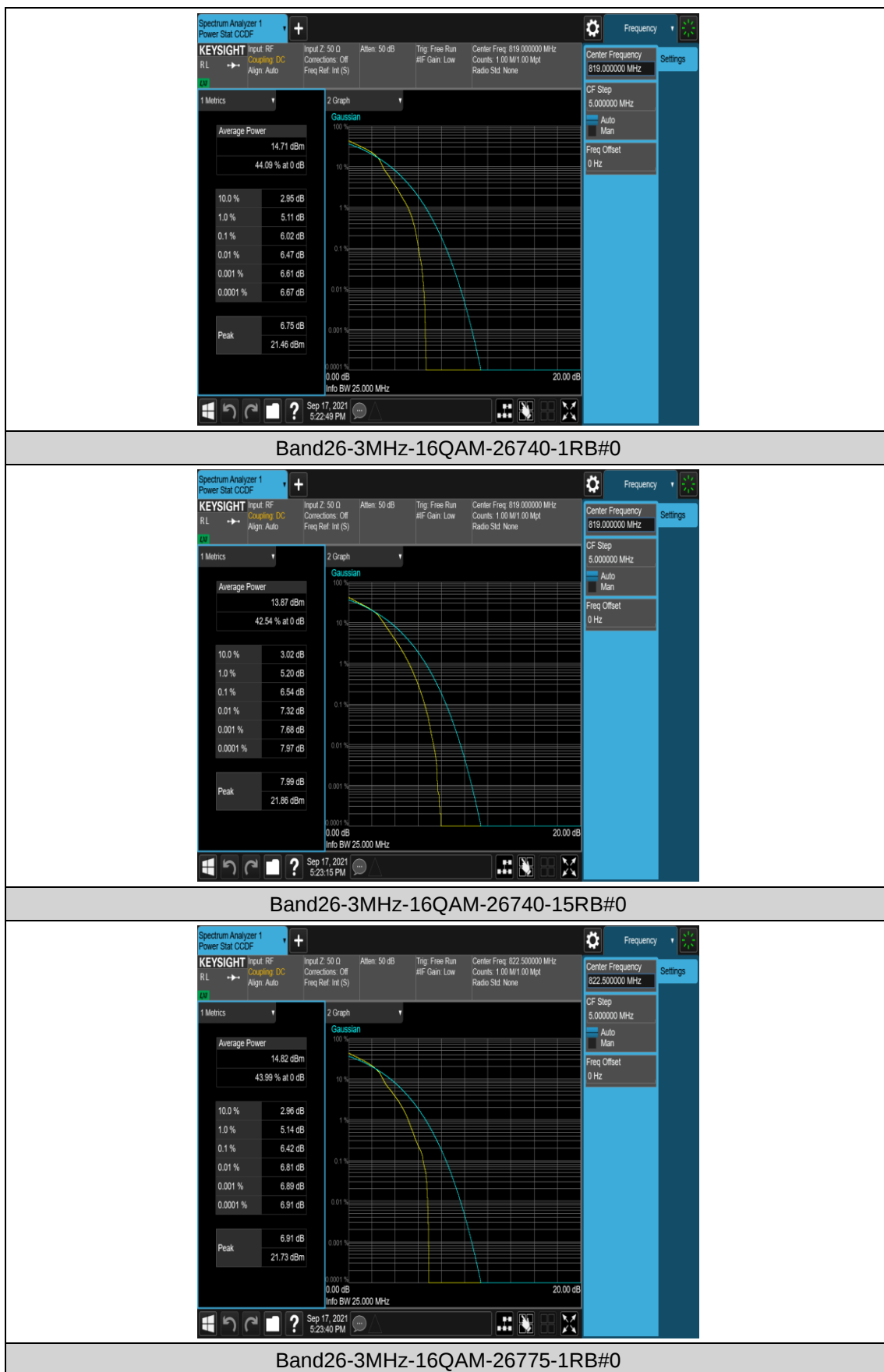
Band26-1.4MHz-16QAM-26697-6RB#0

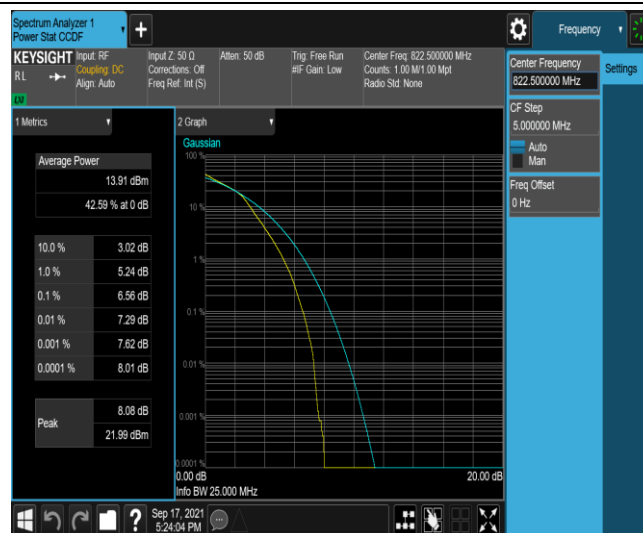












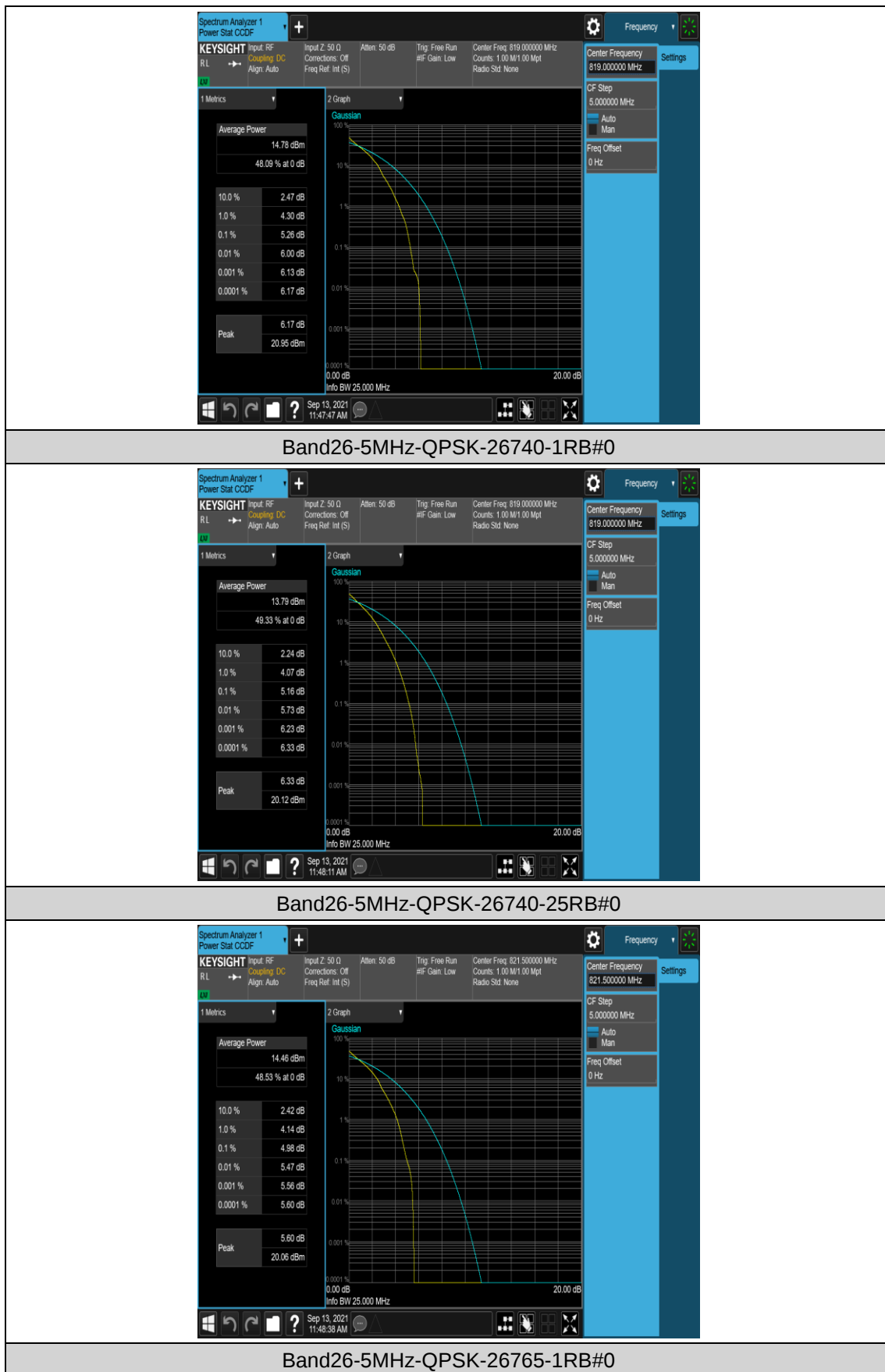
Band26-3MHz-16QAM-26775-15RB#0



Band26-5MHz-QPSK-26715-1RB#0

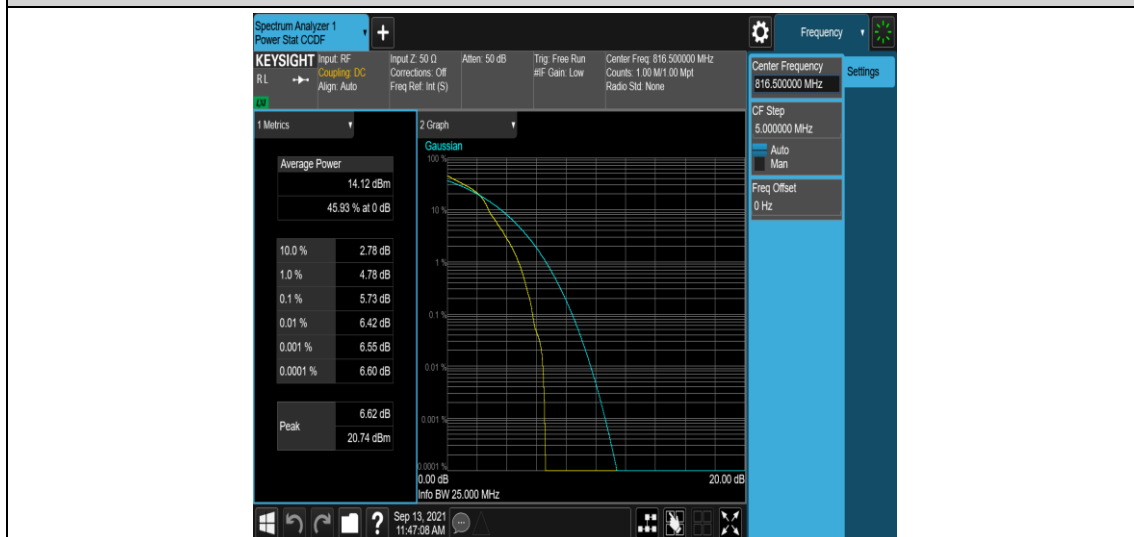


Band26-5MHz-QPSK-26715-25RB#0





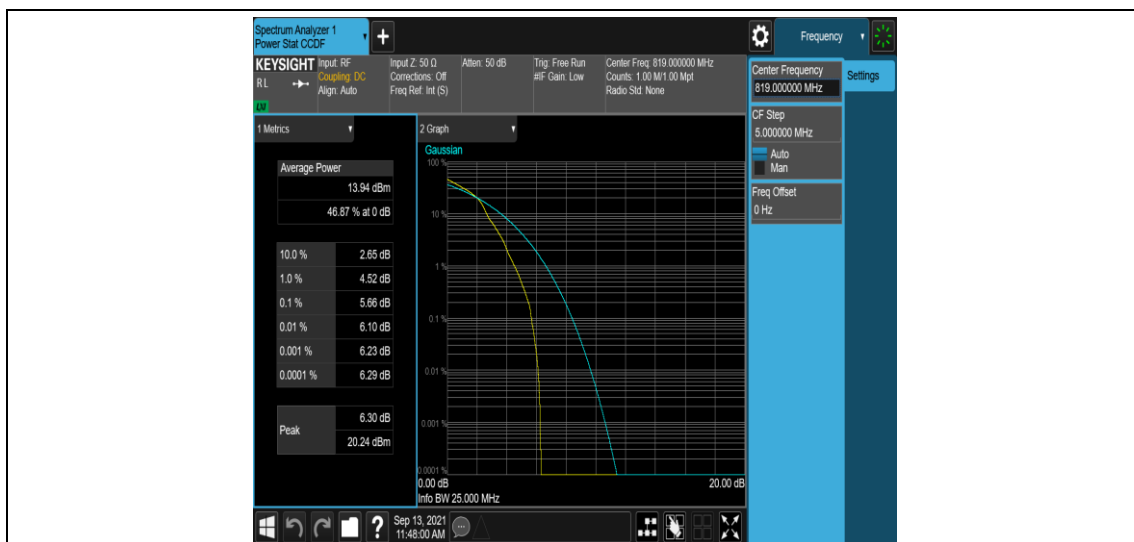
Band26-5MHz-QPSK-26765-25RB#0



Band26-5MHz-16QAM-26715-1RB#0



Band26-5MHz-16QAM-26715-25RB#0



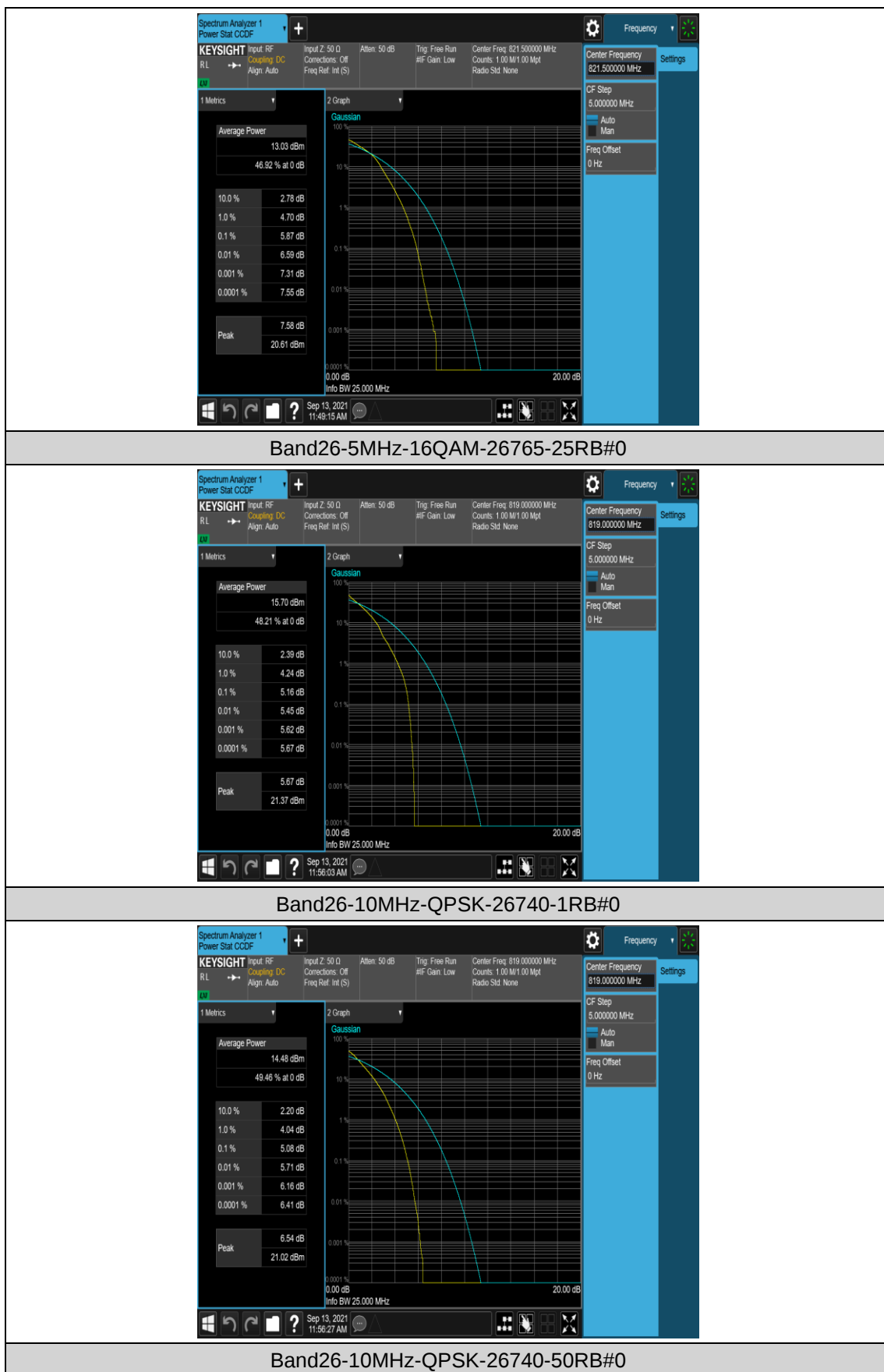
Band26-5MHz-16QAM-26740-1RB#0

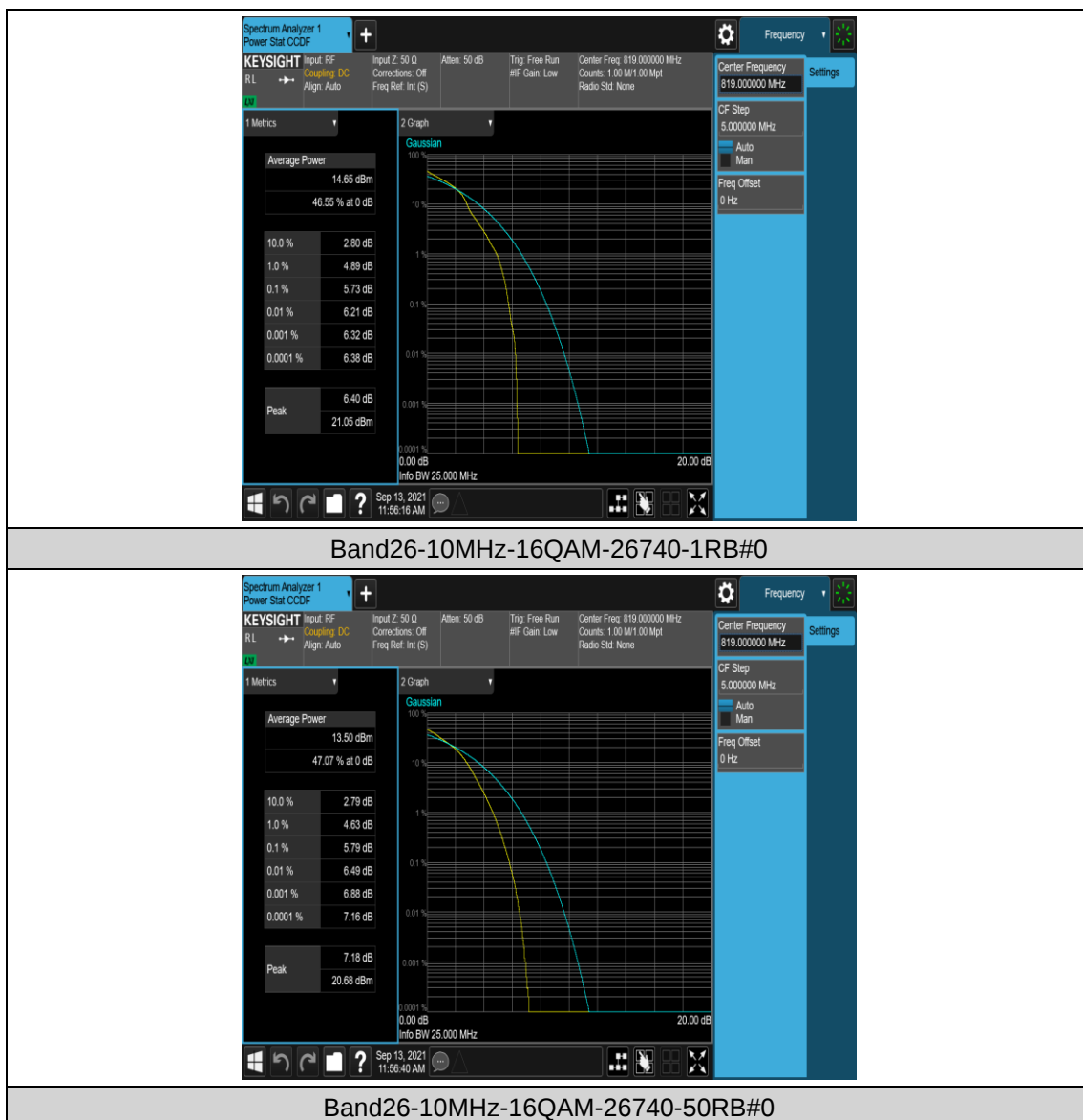


Band26-5MHz-16QAM-26740-25RB#0



Band26-5MHz-16QAM-26765-1RB#0



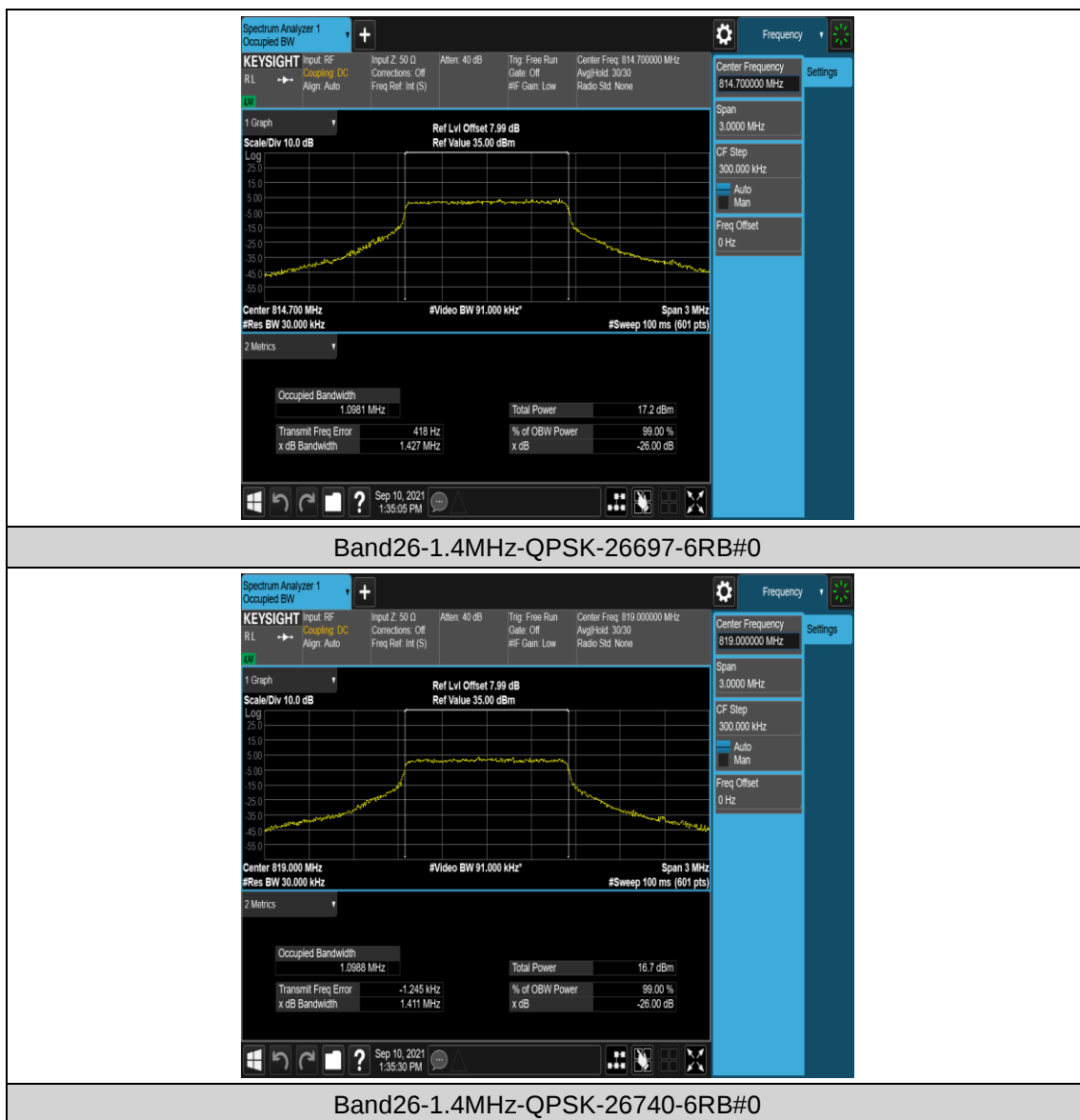


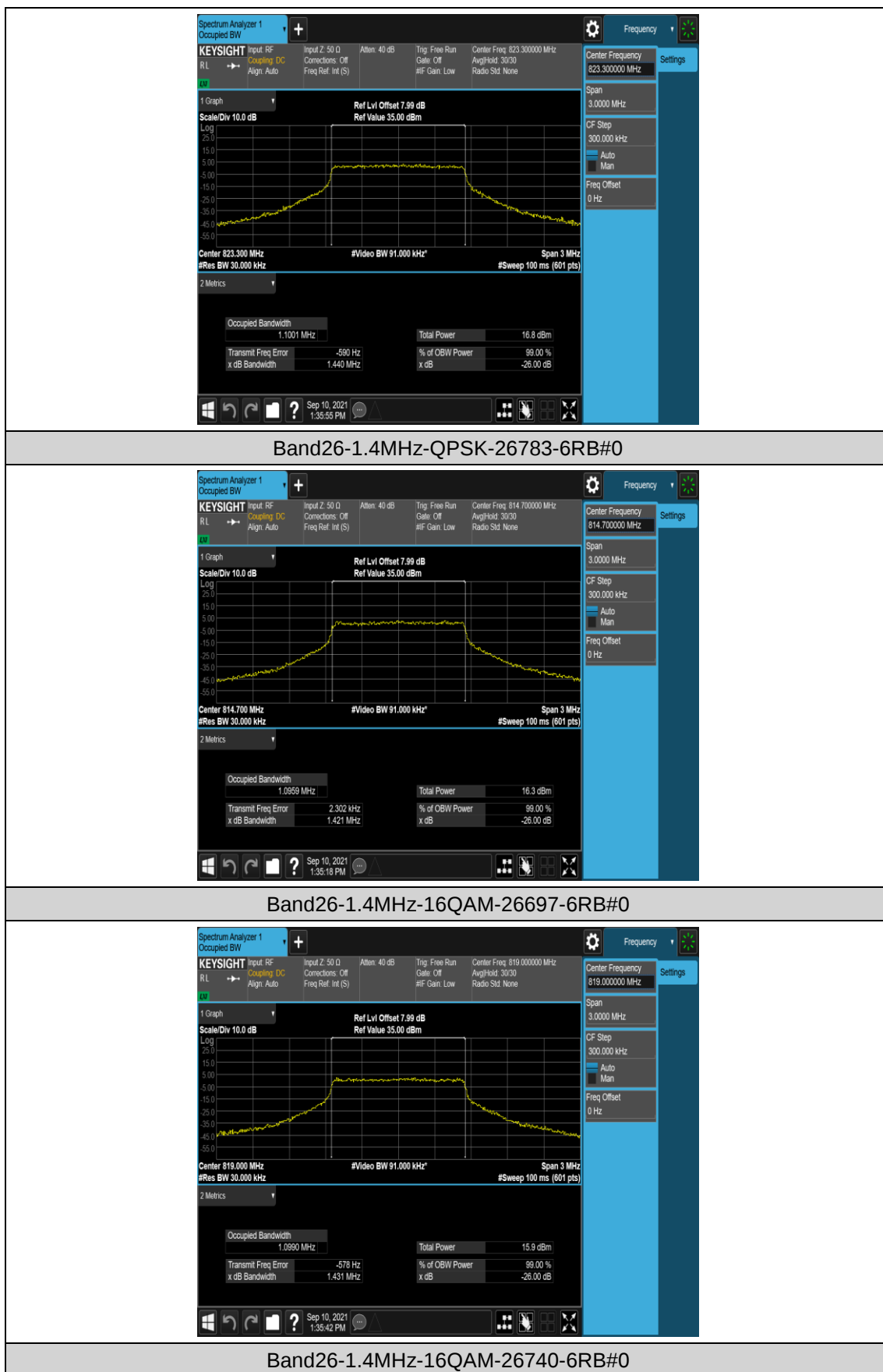
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

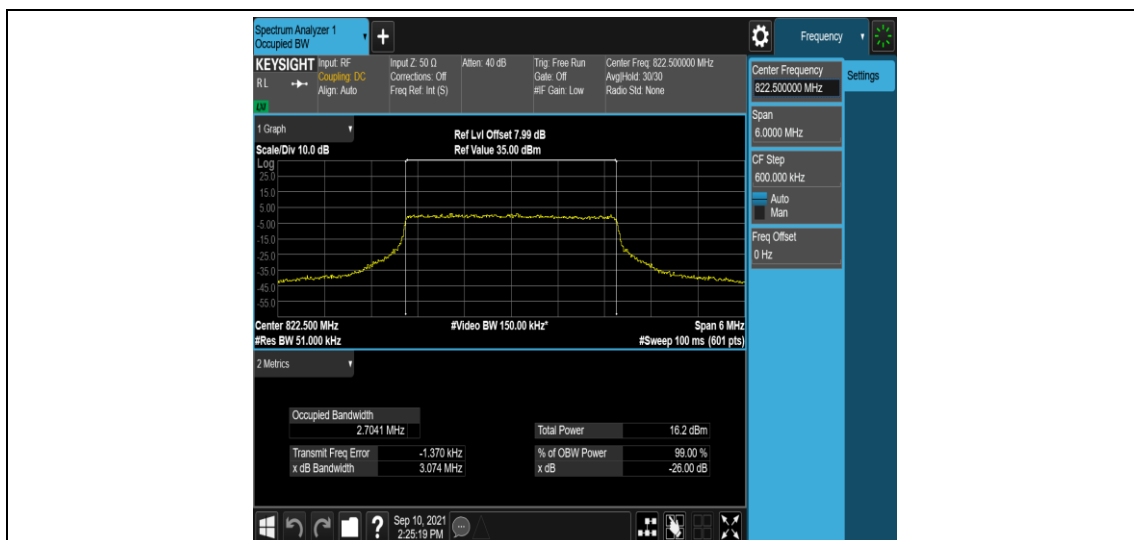
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.0981	1.427	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.0988	1.411	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.1001	1.440	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.0959	1.421	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.0990	1.431	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.0950	1.391	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.6942	2.876	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.6989	3.120	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.7041	3.074	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.6868	2.866	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.6984	3.113	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.6970	3.116	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.5063	5.085	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.5030	5.061	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.5060	5.023	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.5005	4.997	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.5085	5.051	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.5148	5.024	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.9484	9.517	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.9443	9.536	PASS

Test Graphs

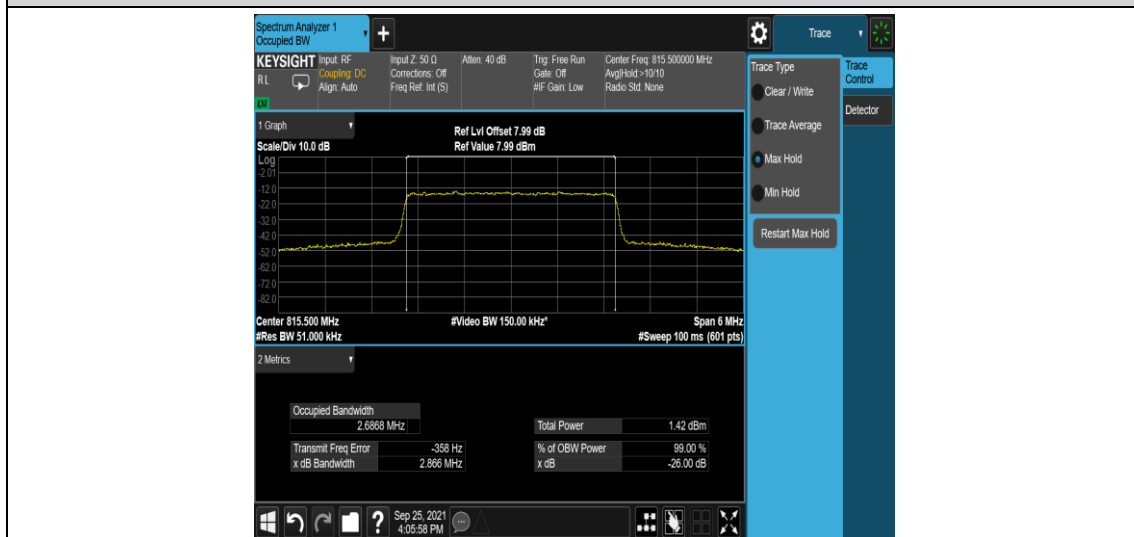




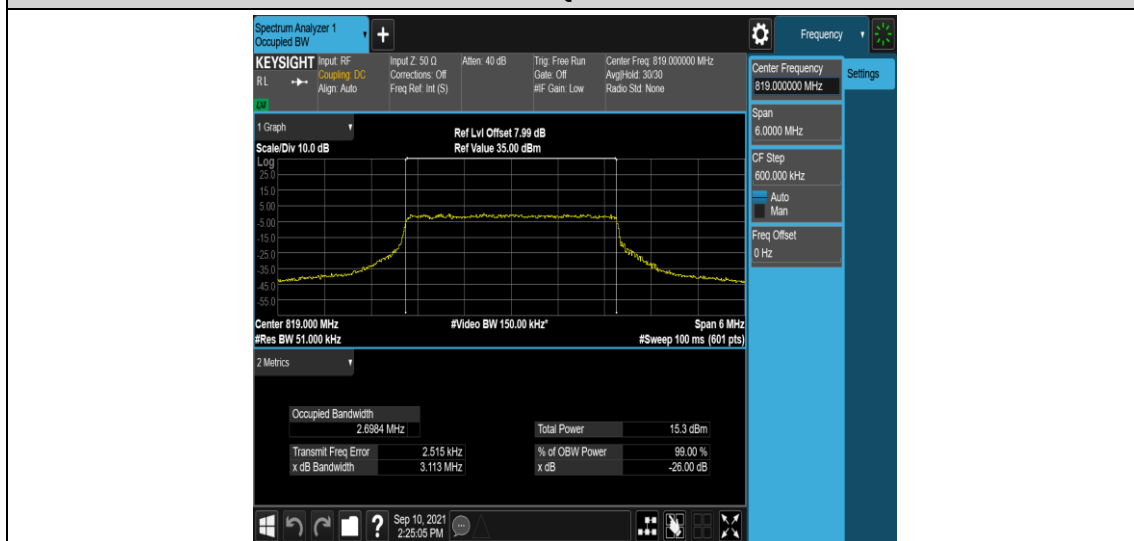




Band26-3MHz-QPSK-26775-15RB#0



Band26-3MHz-16QAM-26705-15RB#0



Band26-3MHz-16QAM-26740-15RB#0







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	PASS
Band26	3MHz	QPSK	26705	1RB#0	PASS
Band26	3MHz	QPSK	26705	1RB#14	PASS
Band26	3MHz	QPSK	26705	15RB#0	PASS
Band26	3MHz	QPSK	26775	1RB#0	PASS
Band26	3MHz	QPSK	26775	1RB#14	PASS
Band26	3MHz	QPSK	26775	15RB#0	PASS
Band26	3MHz	16QAM	26705	1RB#0	PASS
Band26	3MHz	16QAM	26705	1RB#14	PASS
Band26	3MHz	16QAM	26705	15RB#0	PASS
Band26	3MHz	16QAM	26775	1RB#0	PASS
Band26	3MHz	16QAM	26775	1RB#14	PASS
Band26	3MHz	16QAM	26775	15RB#0	PASS
Band26	5MHz	QPSK	26715	1RB#0	PASS
Band26	5MHz	QPSK	26715	1RB#24	PASS
Band26	5MHz	QPSK	26715	25RB#0	PASS
Band26	5MHz	QPSK	26765	1RB#0	PASS
Band26	5MHz	QPSK	26765	1RB#24	PASS
Band26	5MHz	QPSK	26765	25RB#0	PASS
Band26	5MHz	16QAM	26715	1RB#0	PASS
Band26	5MHz	16QAM	26715	1RB#24	PASS
Band26	5MHz	16QAM	26715	25RB#0	PASS
Band26	5MHz	16QAM	26765	1RB#0	PASS
Band26	5MHz	16QAM	26765	1RB#24	PASS