Appendix G: Test Data for E-UTRA Band 26-814-824

Product Name: Medical Alarm System

Test Model: T30H-G

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.30	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.99	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.35	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	23.23	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.41	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	23.29	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#0	23.42	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#0	22.56	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#1	23.42	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#1	22.38	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#3	23.47	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#3	22.44	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.65	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	22.02	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.50	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.37	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.46	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.43	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.45	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.42	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#0	23.43	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#0	22.67	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#1	23.44	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#1	22.69	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#3	23.43	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#3	22.34	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.56	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.98	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.20	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.84	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.27	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.07	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.18	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	23.11	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#0	23.43	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#0	22.51	PASS

26(814-824)	1.4MHz	QPSK	26783	3RB#1	23.28	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#1	22.36	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#3	23.38	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#3	22.50	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.50	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.73	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	23.23	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.46	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.18	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.41	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.15	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.41	PASS
26(814-824)	3MHz	QPSK	26705	8RB#0	22.47	PASS
26(814-824)	3MHz	16QAM	26705	8RB#0	21.68	PASS
26(814-824)	3MHz	QPSK	26705	8RB#4	22.54	PASS
26(814-824)	3MHz	16QAM	26705	8RB#4	21.69	PASS
26(814-824)	3MHz	QPSK	26705	8RB#7	22.40	PASS
26(814-824)	3MHz	16QAM	26705	8RB#7	21.71	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.24	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.63	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.27	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.27	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	22.53	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	23.45	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.46	PASS
26(814-824)	3MHz	QPSK	26740	8RB#0	22.33	PASS
26(814-824)	3MHz	16QAM	26740	8RB#0	21.86	PASS
26(814-824)	3MHz	QPSK	26740	8RB#4	22.37	PASS
26(814-824)	3MHz	16QAM	26740	8RB#4	21.90	PASS
26(814-824)	3MHz	QPSK	26740	8RB#7	22.40	PASS
26(814-824)	3MHz	16QAM	26740	8RB#7	21.95	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	22.38	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	21.49	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	22.70	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23.12	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.65	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.01	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.68	PASS

26(814-824)	3MHz	QPSK	26775	8RB#0	22.46	PASS
26(814-824)	3MHz	16QAM	26775	8RB#0	21.72	PASS
26(814-824)	3MHz	QPSK	26775	8RB#4	22.36	PASS
26(814-824)	3MHz	16QAM	26775	8RB#4	21.71	PASS
26(814-824)	3MHz	QPSK	26775	8RB#7	22.24	PASS
26(814-824)	3MHz	16QAM	26775	8RB#7	21.77	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	22.24	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	21.76	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.19	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	22.03	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	21.89	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	23.18	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	21.86	PASS
26(814-824)	5MHz	QPSK	26715	12RB#0	22.40	PASS
26(814-824)	5MHz	16QAM	26715	12RB#0	21.67	PASS
26(814-824)	5MHz	QPSK	26715	12RB#6	22.41	PASS
26(814-824)	5MHz	16QAM	26715	12RB#6	21.67	PASS
26(814-824)	5MHz	QPSK	26715	12RB#13	22.30	PASS
26(814-824)	5MHz	16QAM	26715	12RB#13	21.61	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.26	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.69	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	22.98	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.52	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	22.99	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	22.18	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.10	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	22.18	PASS
26(814-824)	5MHz	QPSK	26740	12RB#0	22.40	PASS
26(814-824)	5MHz	16QAM	26740	12RB#0	21.56	PASS
26(814-824)	5MHz	QPSK	26740	12RB#6	22.30	PASS
26(814-824)	5MHz	16QAM	26740	12RB#6	21.66	PASS
26(814-824)	5MHz	QPSK	26740	12RB#13	22.25	PASS
26(814-824)	5MHz	16QAM	26740	12RB#13	21.68	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	22.27	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	21.63	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	23.11	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	22.14	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.01	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	22.19	PASS

26(814-824)	5MHz	QPSK	26765	1RB#24	22.84	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.26	PASS
26(814-824)	5MHz	QPSK	26765	12RB#0	22.23	PASS
26(814-824)	5MHz	16QAM	26765	12RB#0	21.48	PASS
26(814-824)	5MHz	QPSK	26765	12RB#6	22.25	PASS
26(814-824)	5MHz	16QAM	26765	12RB#6	21.45	PASS
26(814-824)	5MHz	QPSK	26765	12RB#13	22.27	PASS
26(814-824)	5MHz	16QAM	26765	12RB#13	21.47	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	22.19	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	21.56	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.16	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.41	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.19	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	22.46	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	23.09	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	22.27	PASS
26(814-824)	10MHz	QPSK	26740	25RB#0	22.41	PASS
26(814-824)	10MHz	16QAM	26740	25RB#0	21.55	PASS
26(814-824)	10MHz	QPSK	26740	25RB#12	22.45	PASS
26(814-824)	10MHz	16QAM	26740	25RB#12	21.56	PASS
26(814-824)	10MHz	QPSK	26740	25RB#25	22.34	PASS
26(814-824)	10MHz	16QAM	26740	25RB#25	21.50	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	22.16	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.49	PASS

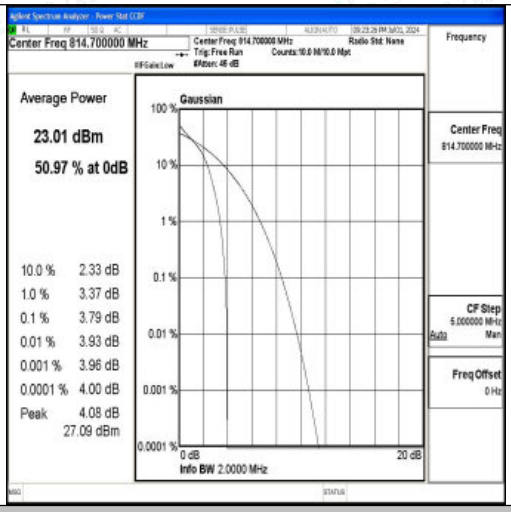
G.2 Peak-to-Average Ratio(CCDF)

Test Result

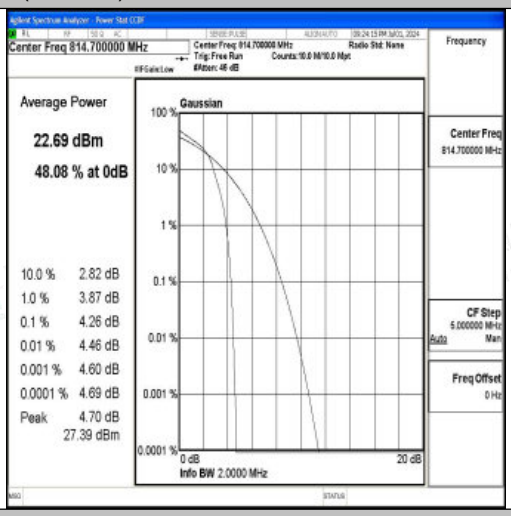
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	3.79	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	4.26	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.81	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.36	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	4.07	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	4.87	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.14	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.69	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	4.91	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	5.28	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.65	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.38	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	3.84	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	4.55	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.86	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	5.56	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	4.09	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	4.94	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.20	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.89	13	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	4.75	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	5.13	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.57	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.26	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	3.95	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	4.87	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.20	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.79	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	4.23	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	4.95	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.40	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	6.00	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	4.43	13	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	4.97	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.62	13	PASS

26(814-824)	5MHz	16QAM	26765	25RB#0	6.26	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	3.87	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	4.60	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.44	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	6.02	13	PASS

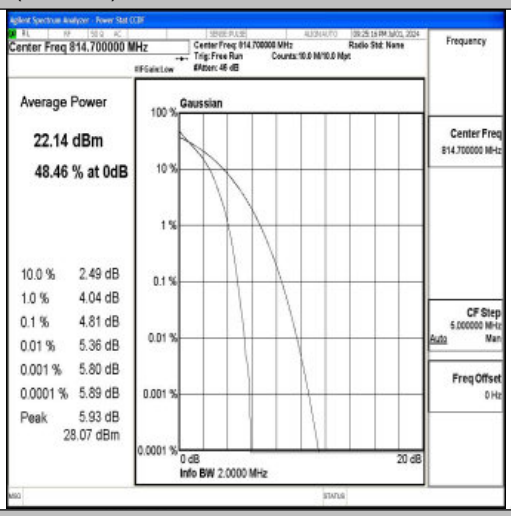
Test Graphs



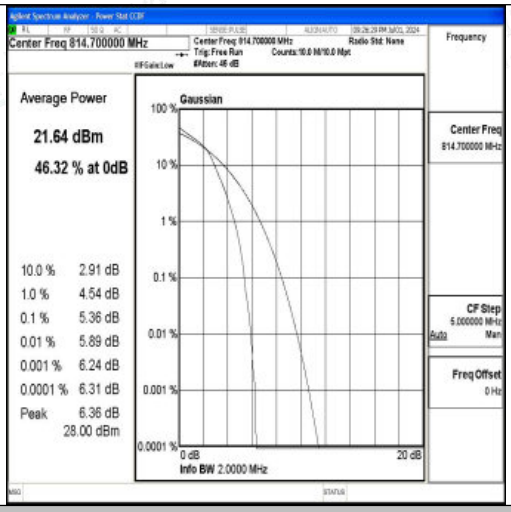
26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



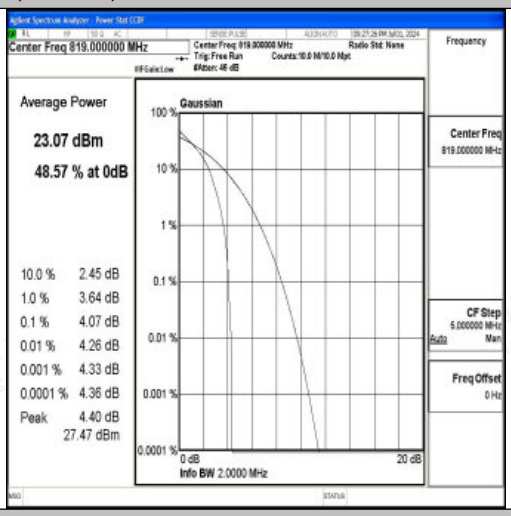
26(814-824)-1.4MHz-16QAM-26697-1RB#0-PASS



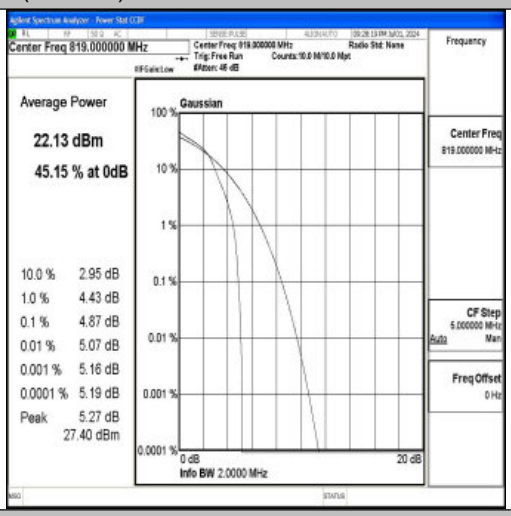
26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



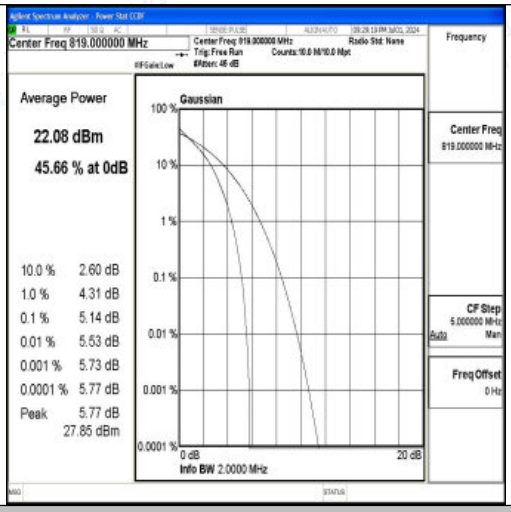
26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



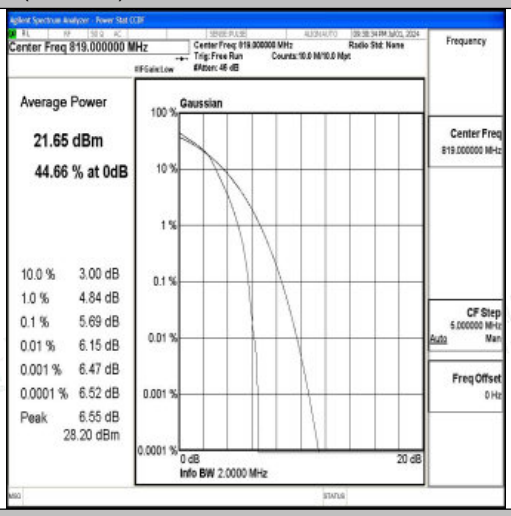
26(814-824)-1.4MHz-QPSK-26740-1RB#0-PASS



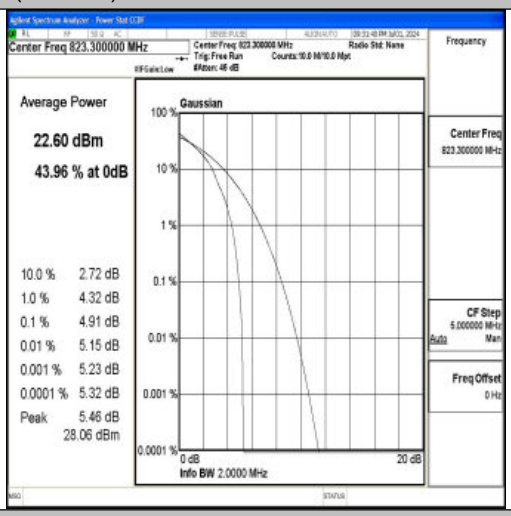
26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS



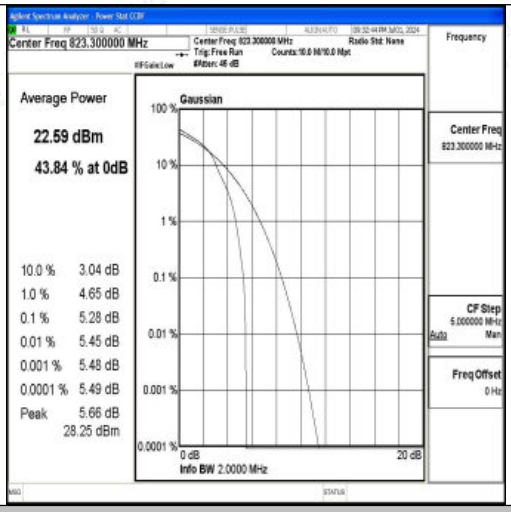
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



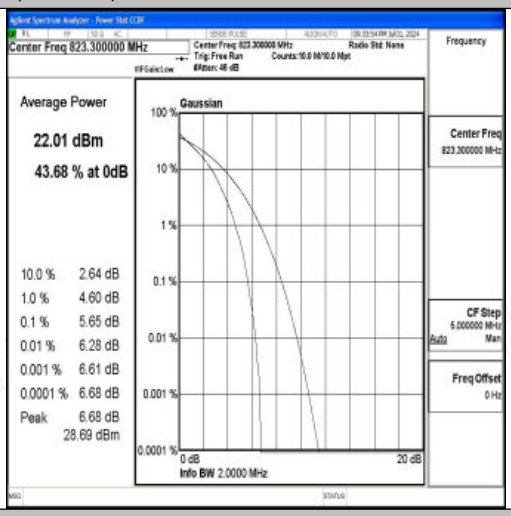
26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



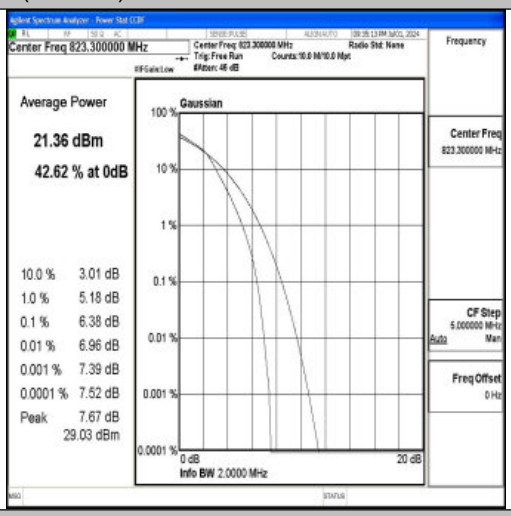
26(814-824)-1.4MHz-QPSK-26783-1RB#0-PASS



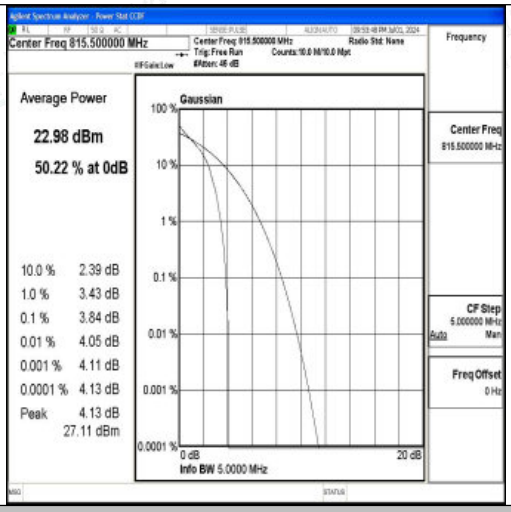
26(814-824)-1.4MHz-16QAM-26783-1RB#0-PASS



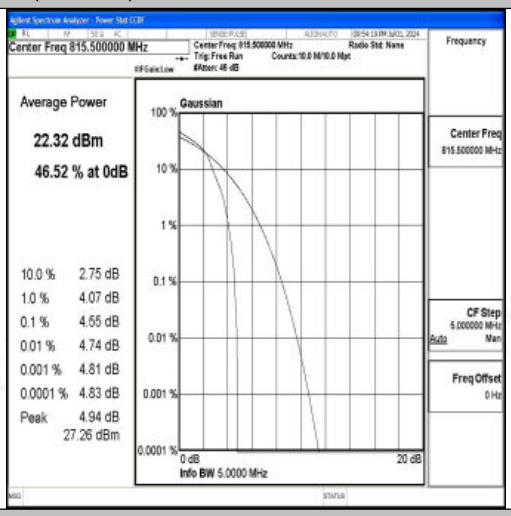
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



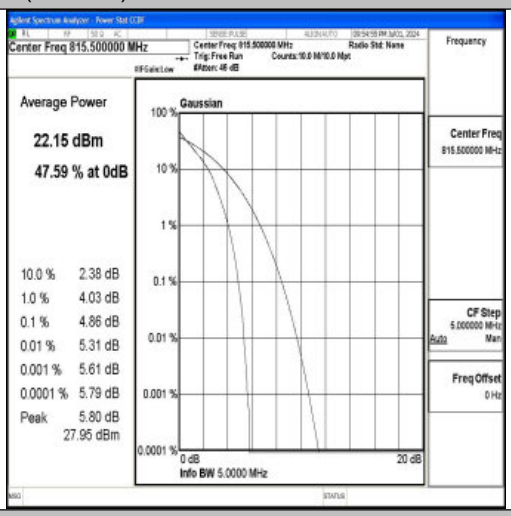
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



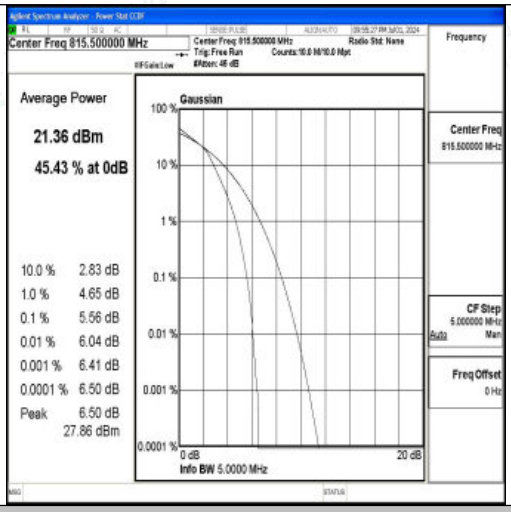
26(814-824)-3MHz-QPSK-26705-1RB#0-PASS



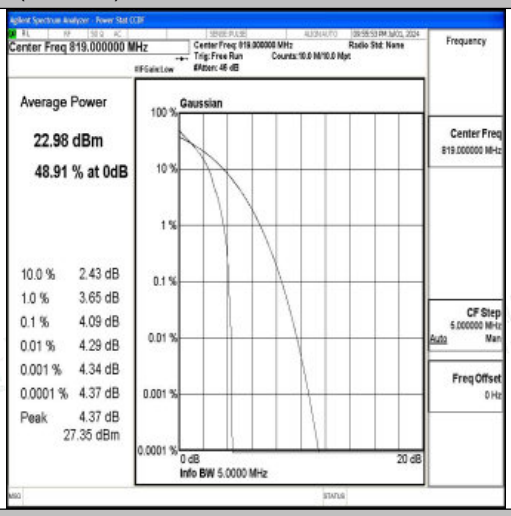
26(814-824)-3MHz-16QAM-26705-1RB#0-PASS



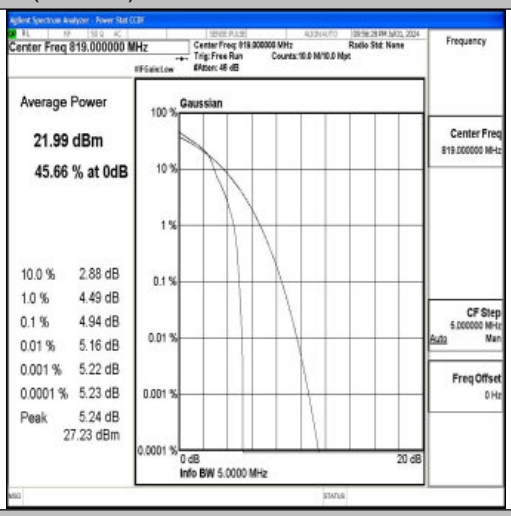
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



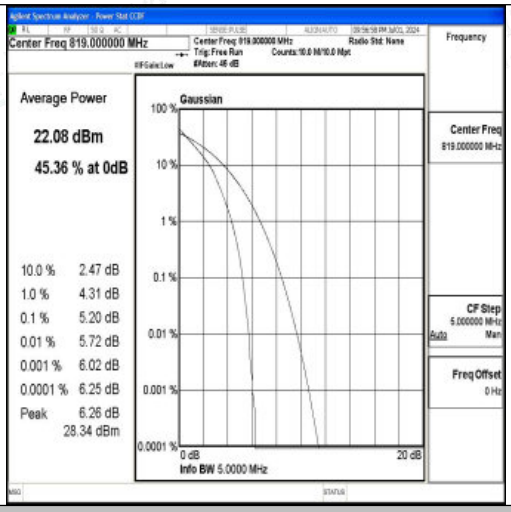
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



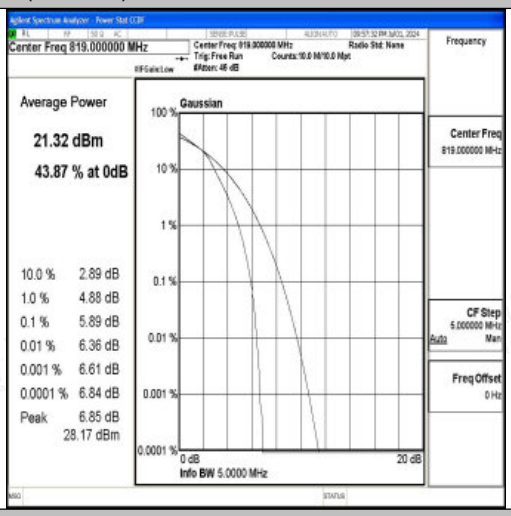
26(814-824)-3MHz-QPSK-26740-1RB#0-PASS



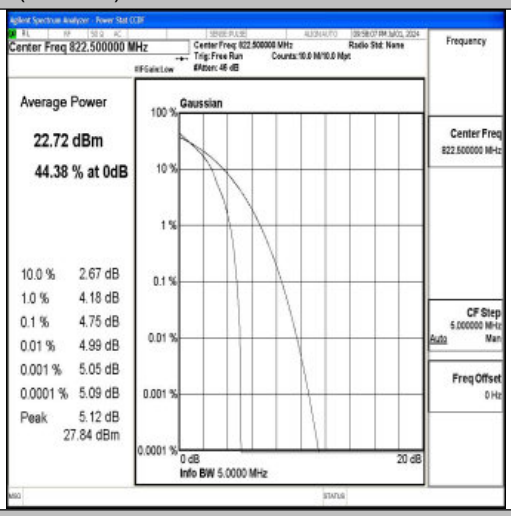
26(814-824)-3MHz-16QAM-26740-1RB#0-PASS



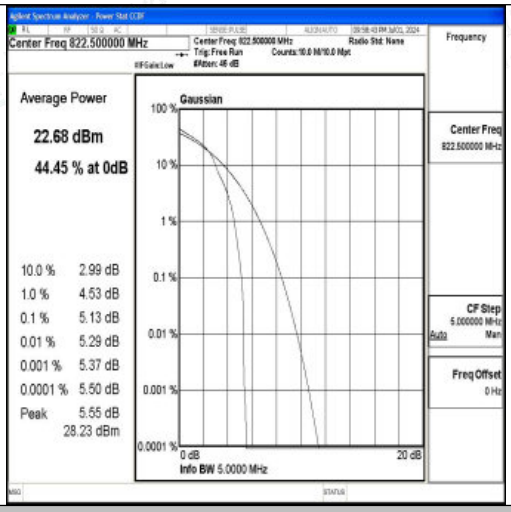
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



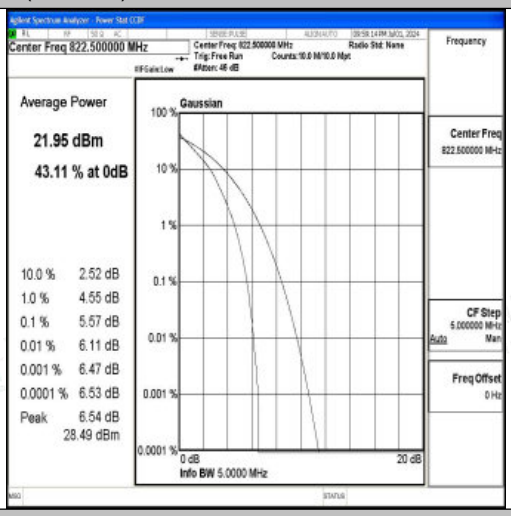
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



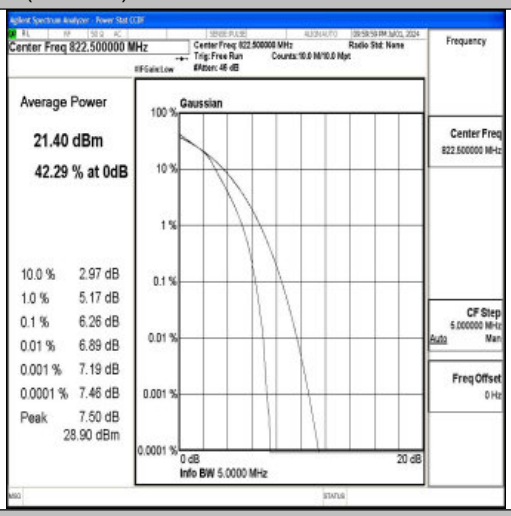
26(814-824)-3MHz-QPSK-26775-1RB#0-PASS



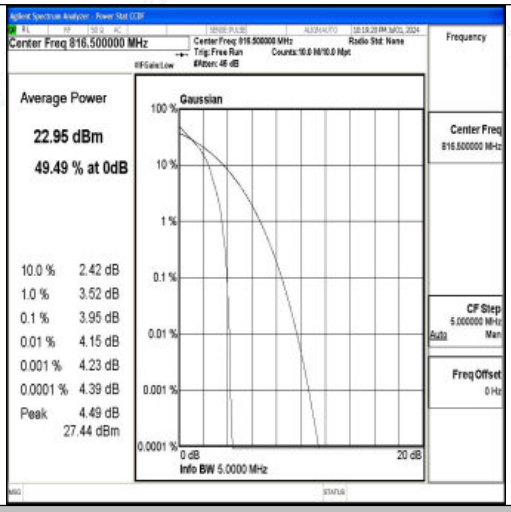
26(814-824)-3MHz-16QAM-26775-1RB#0-PASS



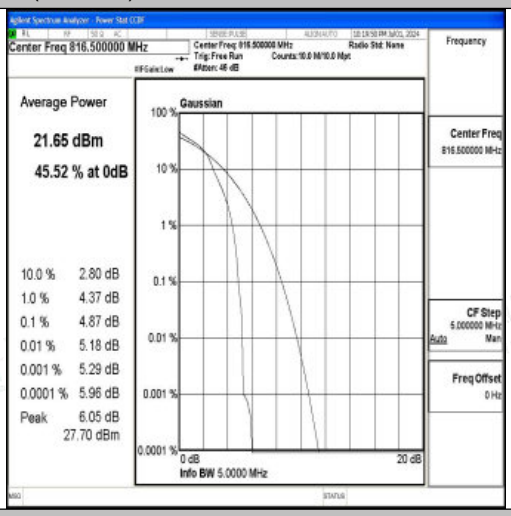
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



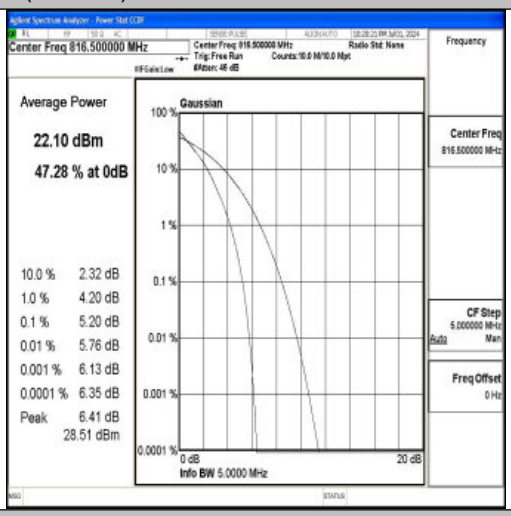
26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



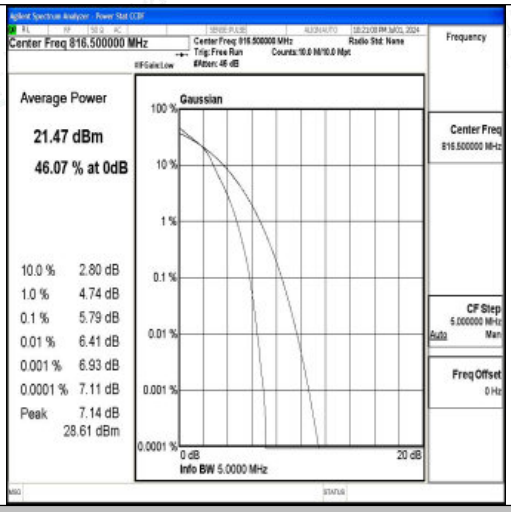
26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



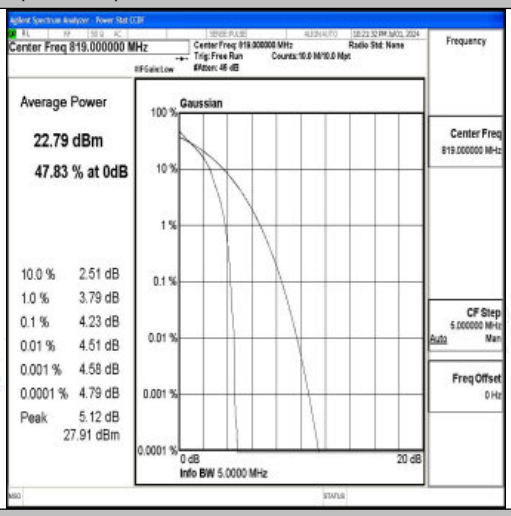
26(814-824)-5MHz-16QAM-26715-1RB#0-PASS



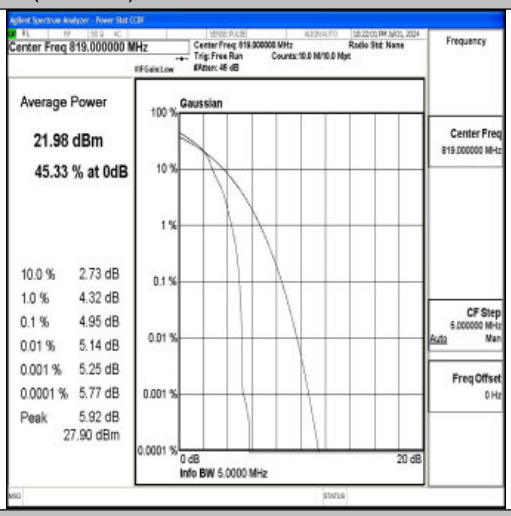
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



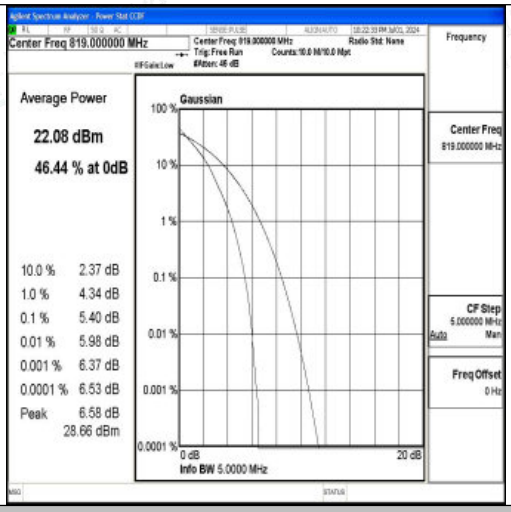
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



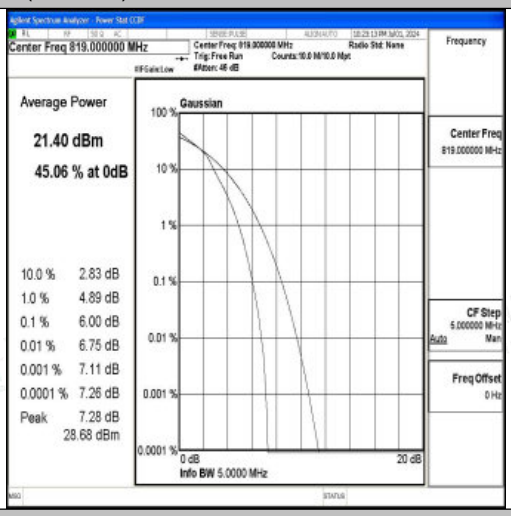
26(814-824)-5MHz-QPSK-26740-1RB#0-PASS



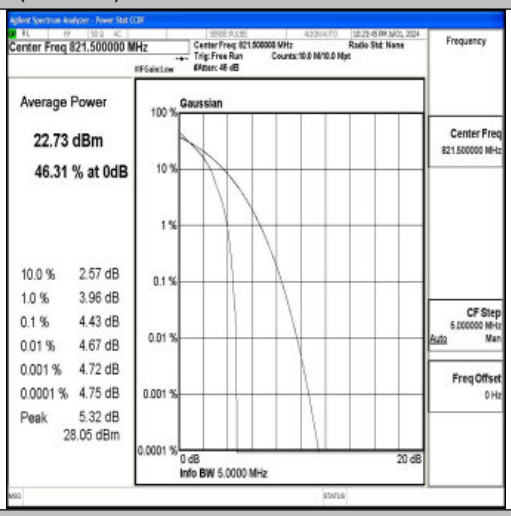
26(814-824)-5MHz-16QAM-26740-1RB#0-PASS



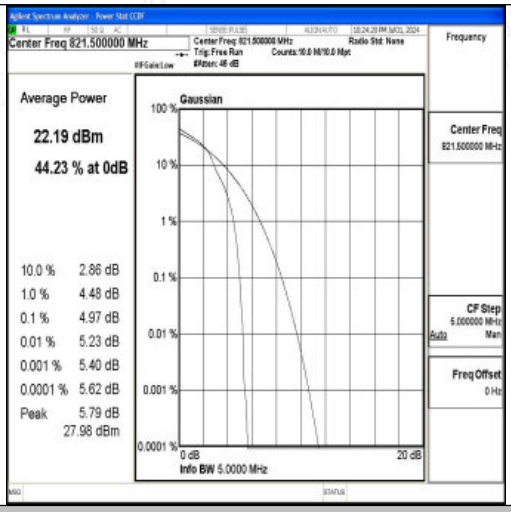
26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



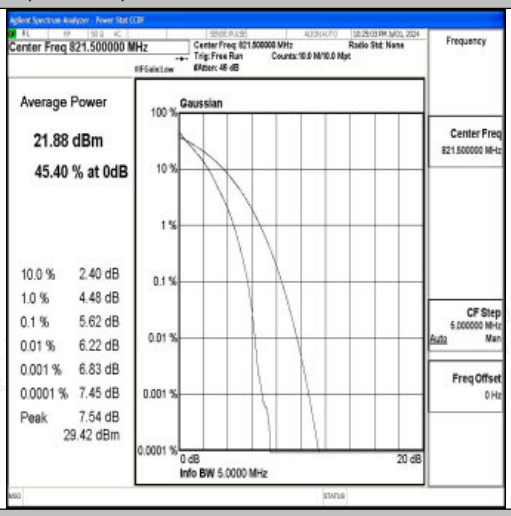
26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



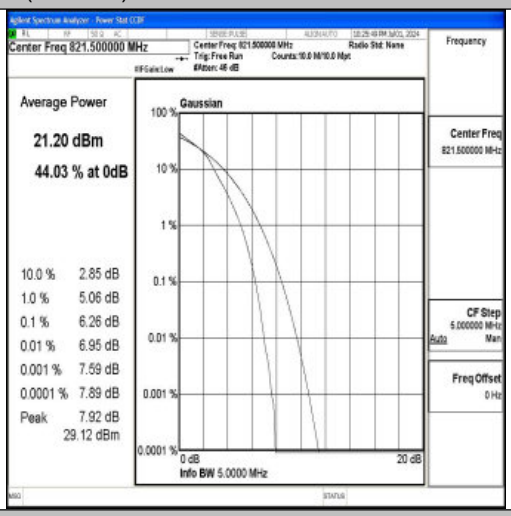
26(814-824)-5MHz-QPSK-26765-1RB#0-PASS



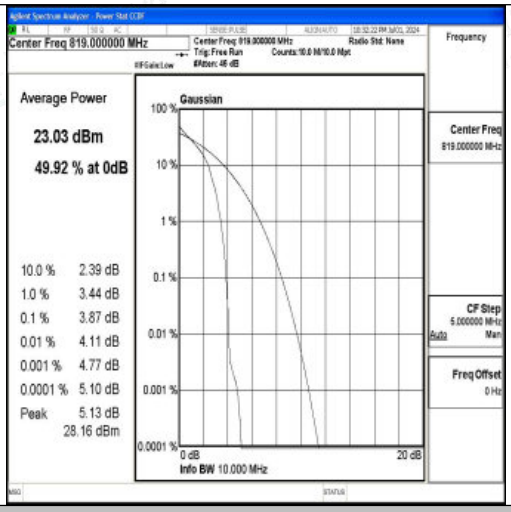
26(814-824)-5MHz-16QAM-26765-1RB#0-PASS



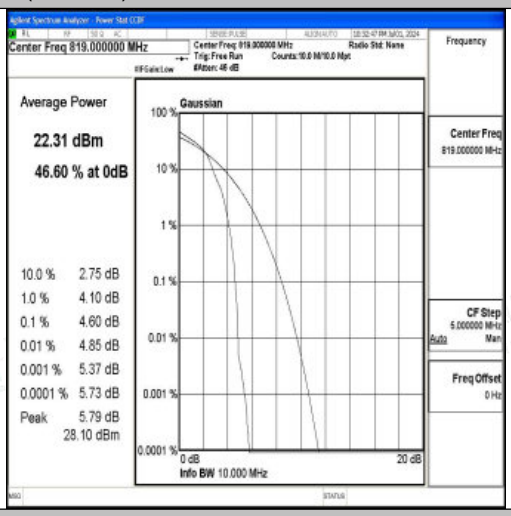
26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



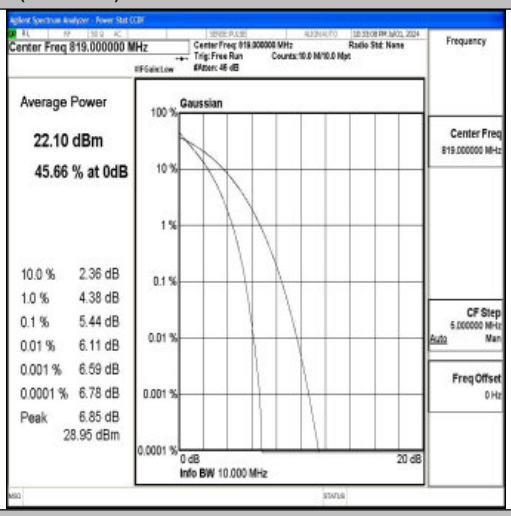
26(814-824)-5MHz-16QAM-26765-25RB#0-PASS



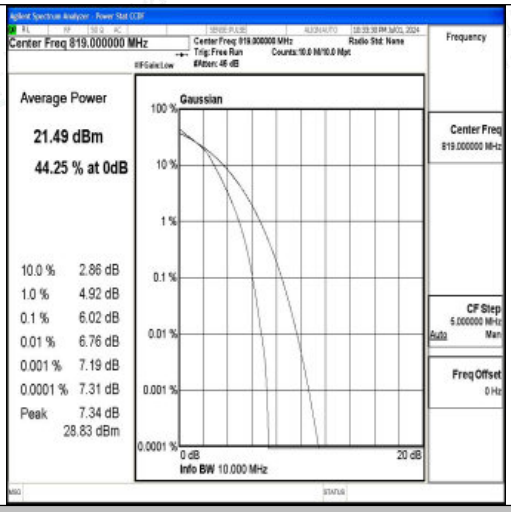
26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



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



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



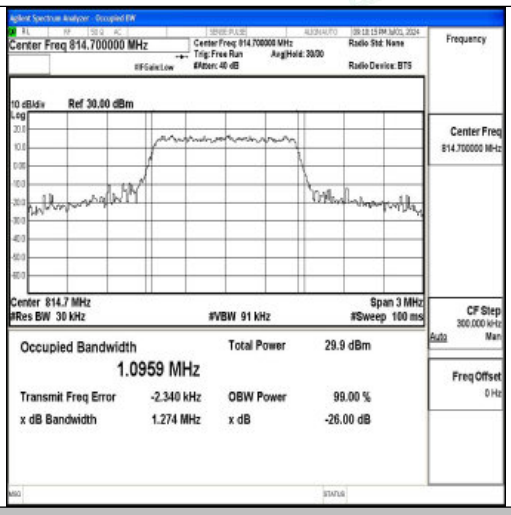
26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

G.3 26dB Bandwidth and Occupied Bandwidth

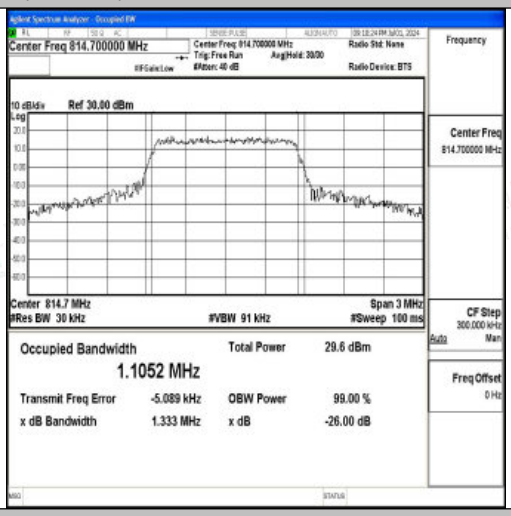
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0959	1.274	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1052	1.333	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0999	1.303	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1050	1.295	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0969	1.282	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0976	1.416	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7159	3.195	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.7022	3.103	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7125	3.175	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7092	3.343	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7091	3.103	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7148	3.225	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5221	5.209	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5224	5.295	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5229	5.386	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5314	5.407	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5201	5.252	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5488	5.448	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9989	10.14	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	9.0104	10.02	PASS

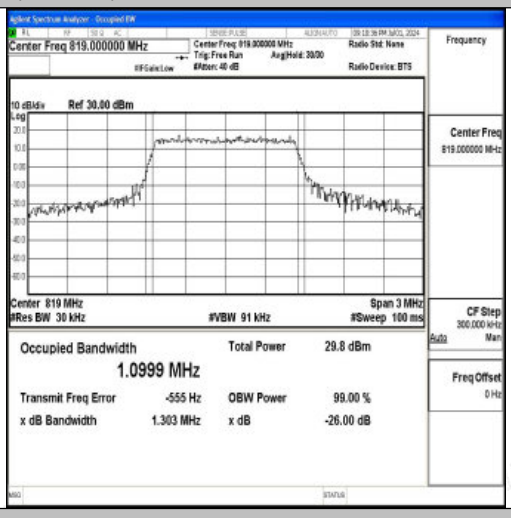
Test Graphs



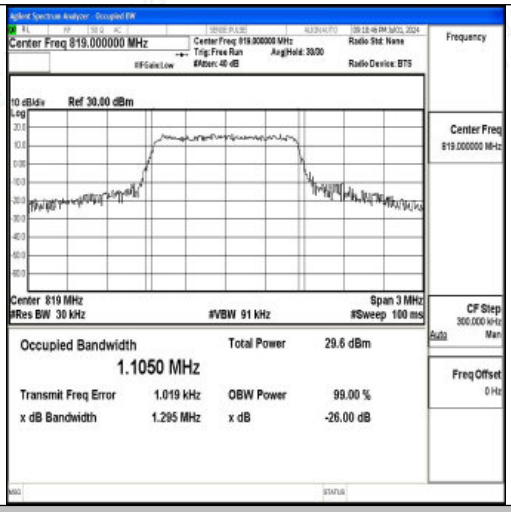
26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



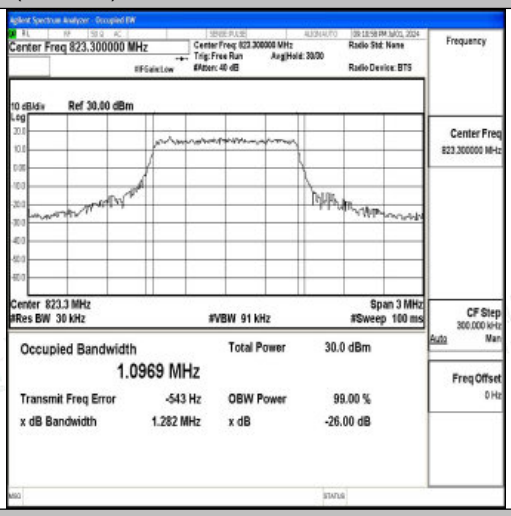
26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



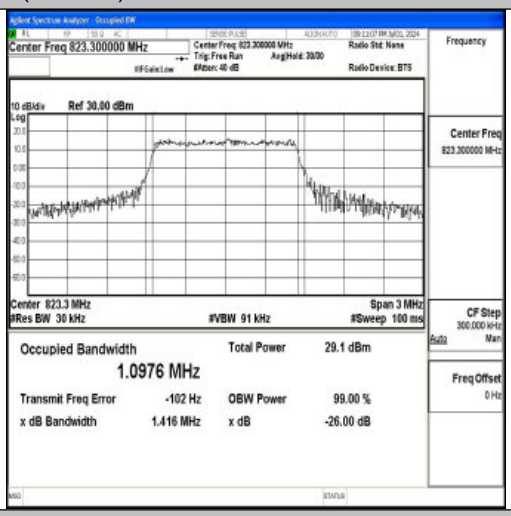
26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



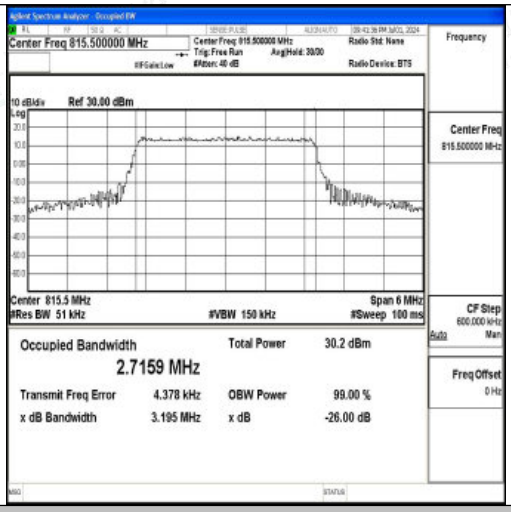
26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



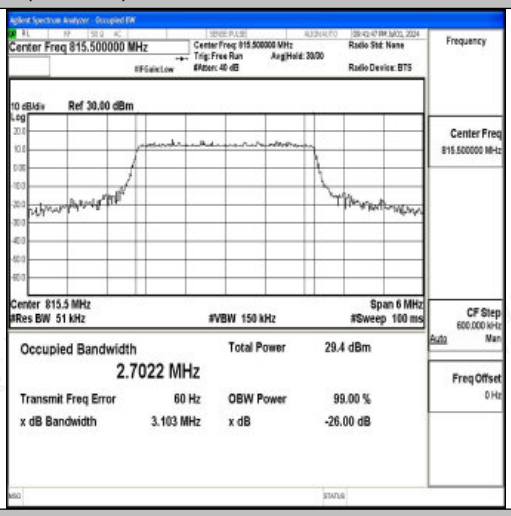
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



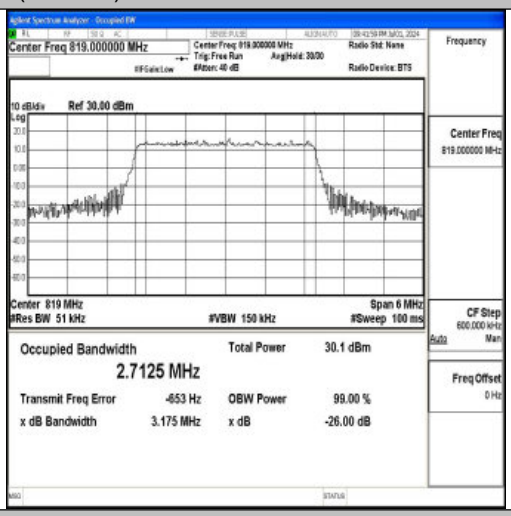
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



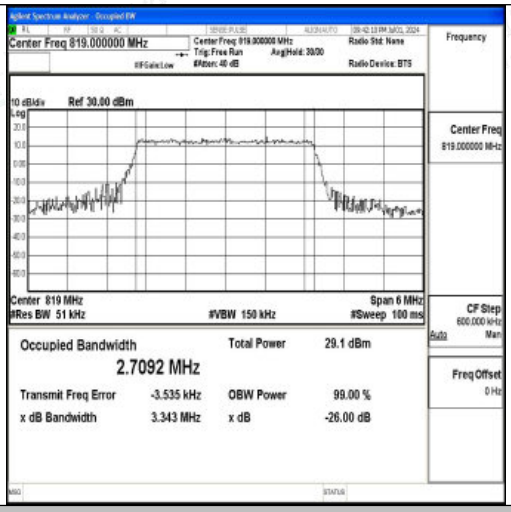
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



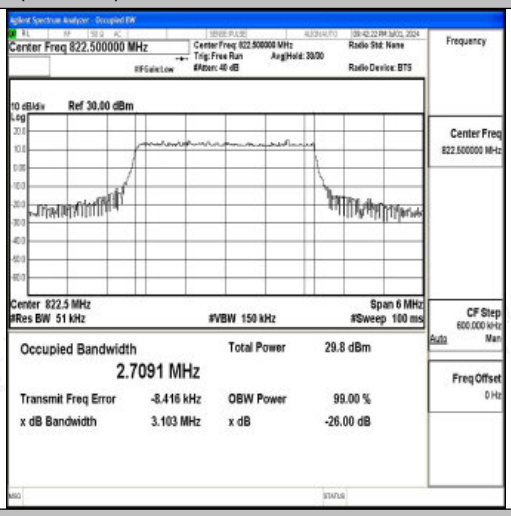
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



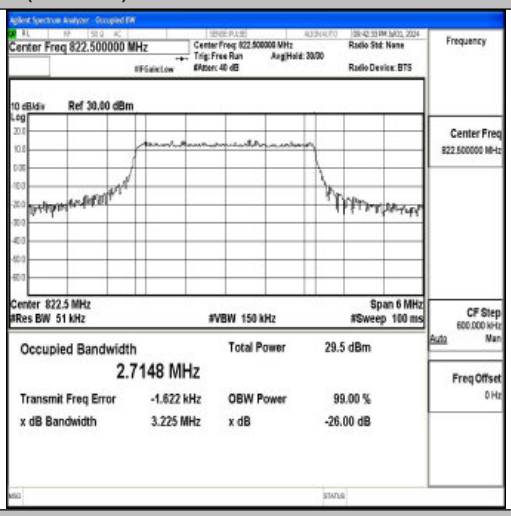
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



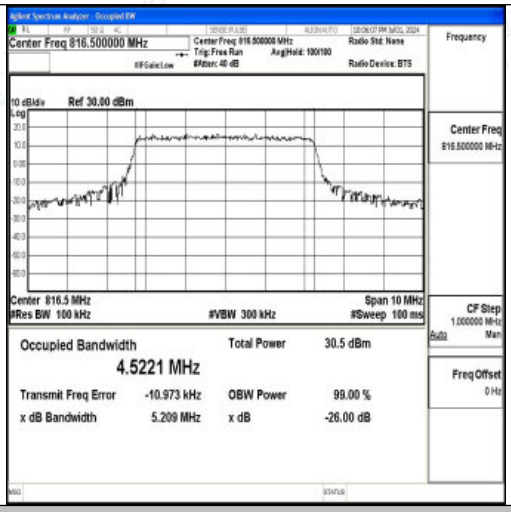
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



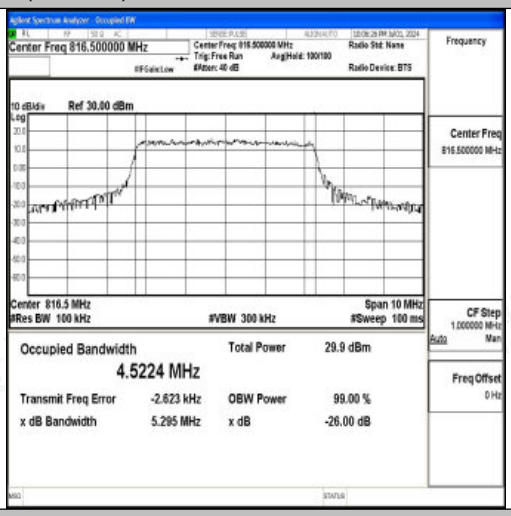
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



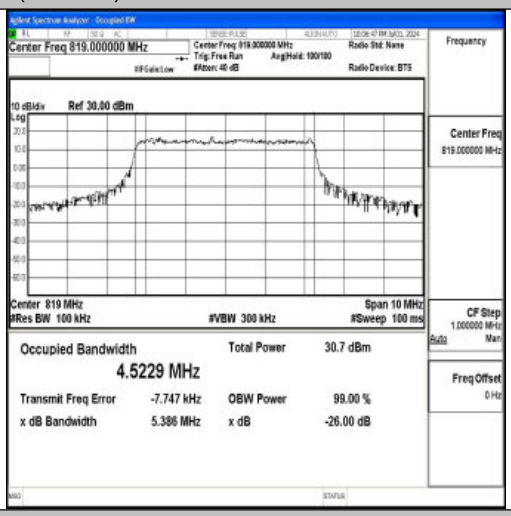
26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



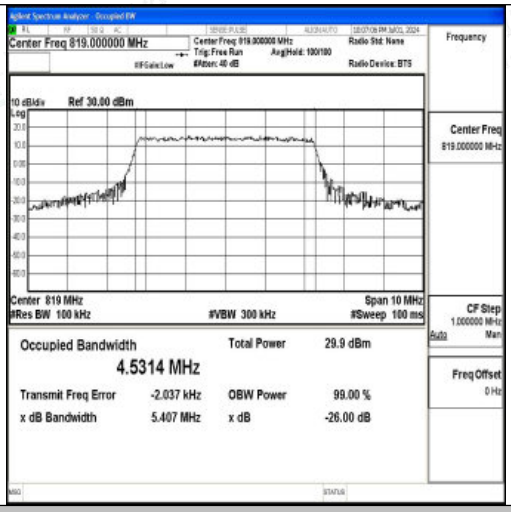
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



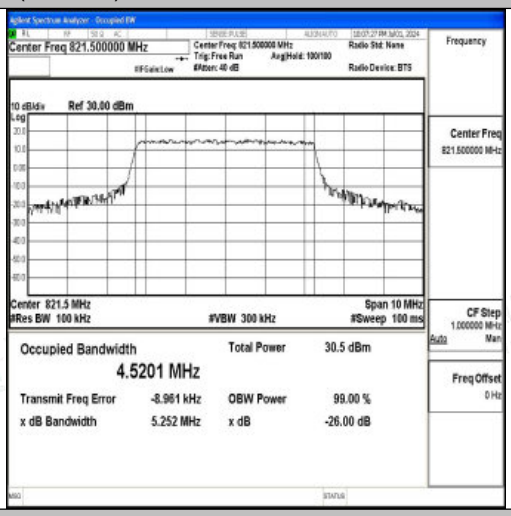
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



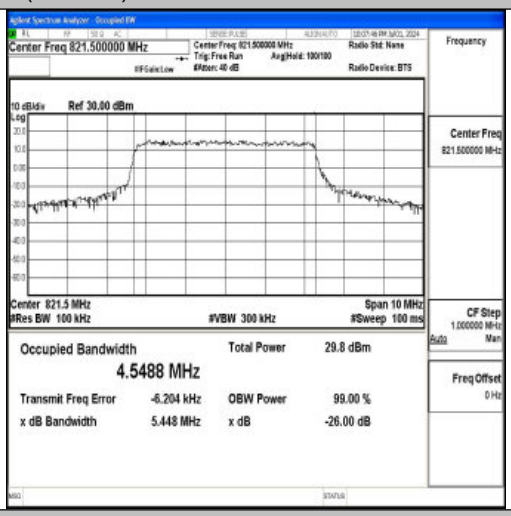
26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



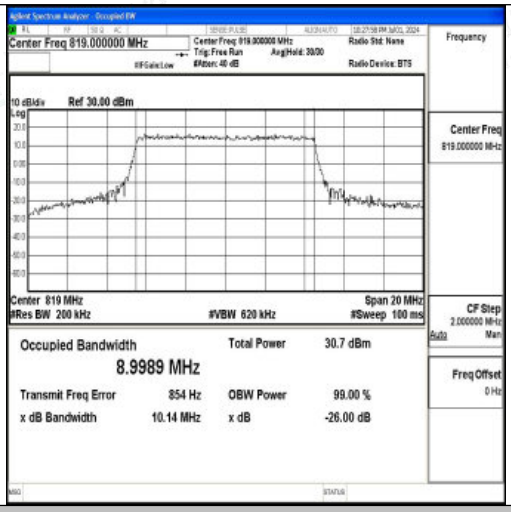
26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



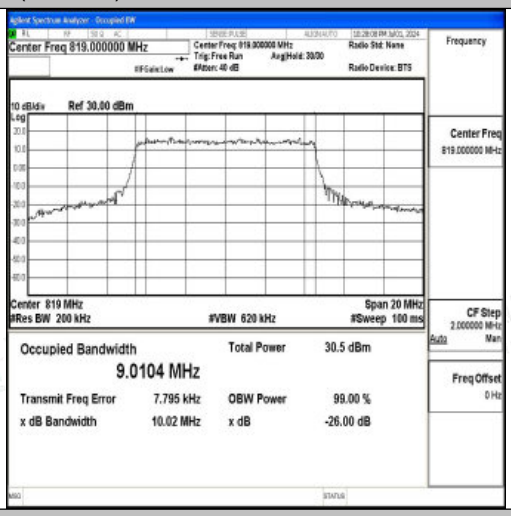
26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



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



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



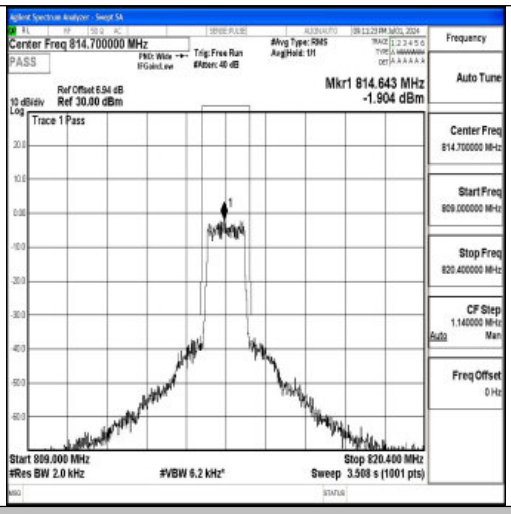
26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

G.4 Band Edge

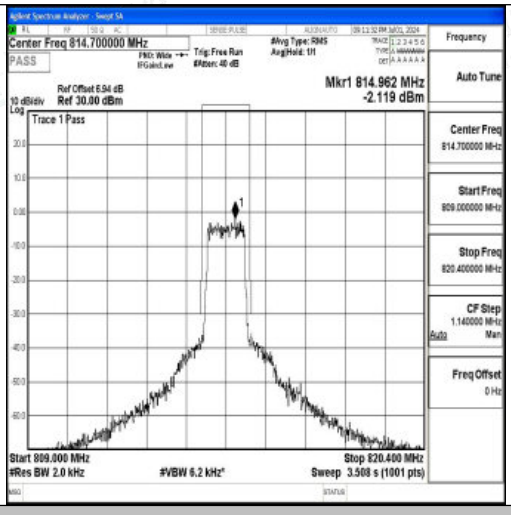
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	815.52	-36.79	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	815.44	-36.91	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	824.11	-38.69	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	822.39	-39.19	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	813.94	-41.57	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	817.07	-42.11	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	820.95	-40.86	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	820.94	-41.24	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	819.35	-44.62	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	813.95	-44.76	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	818.95	-44.86	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	824.08	-46.23	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	813.94	-46.87	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	813.90	-47.86	PASS

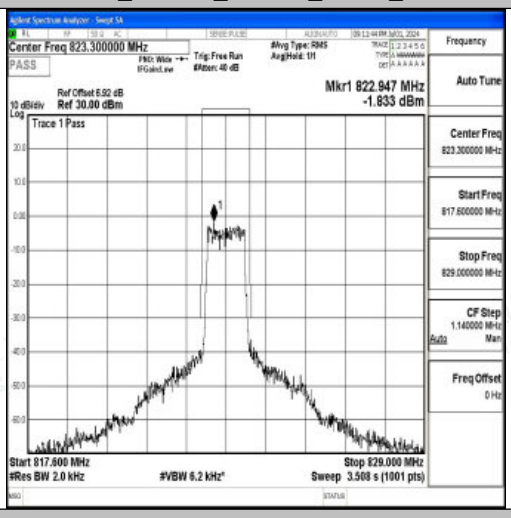
Test Graphs



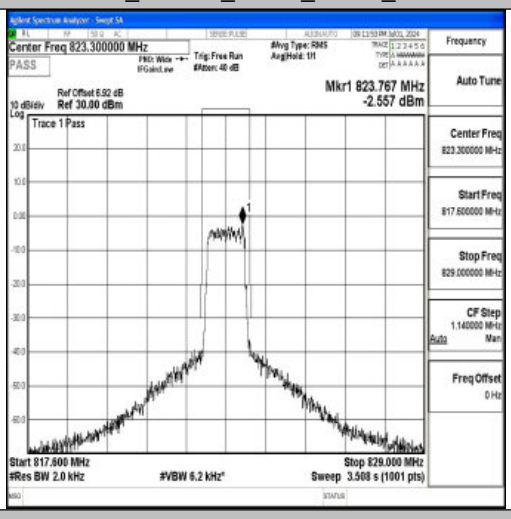
Band26_1.4MHz_QPSK_26697_6RB#0



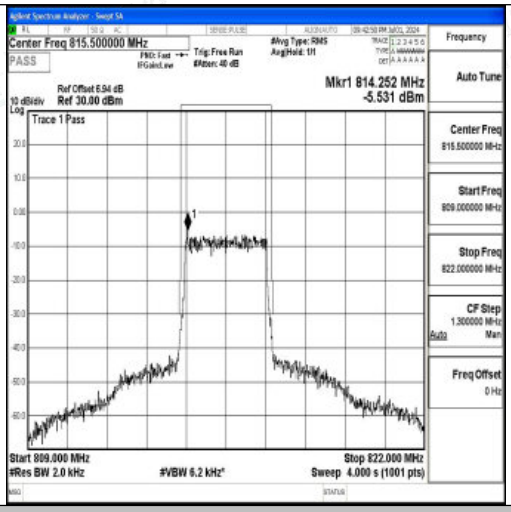
Band26_1.4MHz_16QAM_26697_6RB#0



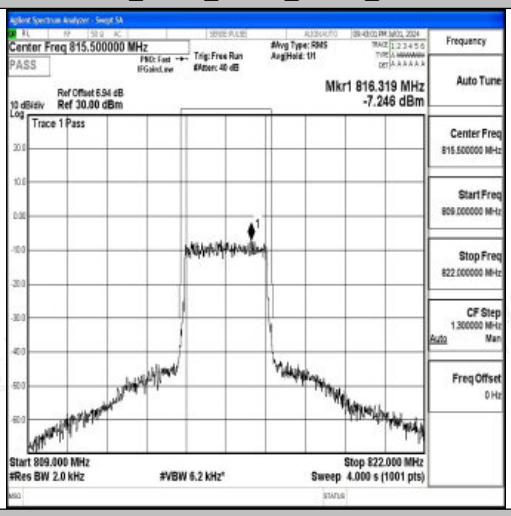
Band26_1.4MHz_QPSK_26783_6RB#0



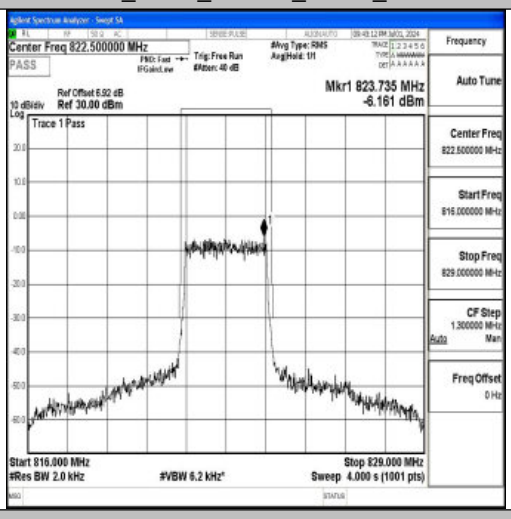
Band26_1.4MHz_16QAM_26783_6RB#0



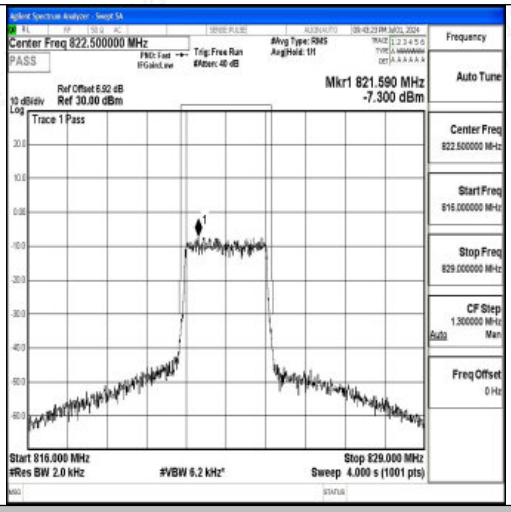
Band26_3MHz_QPSK_26705_15RB#0



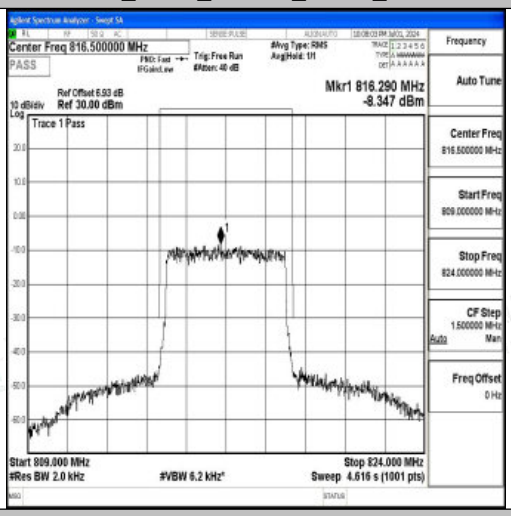
Band26_3MHz_16QAM_26705_15RB#0



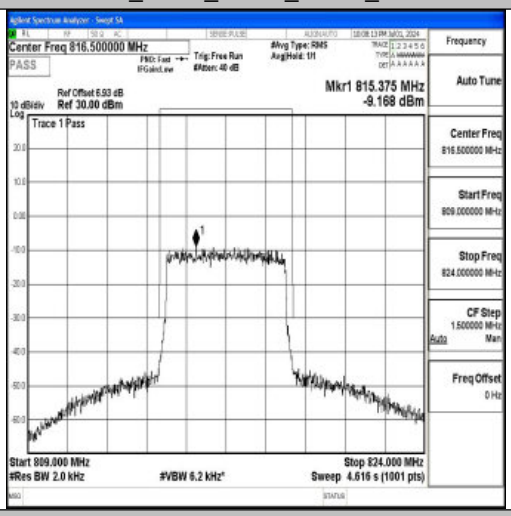
Band26_3MHz_QPSK_26775_15RB#0



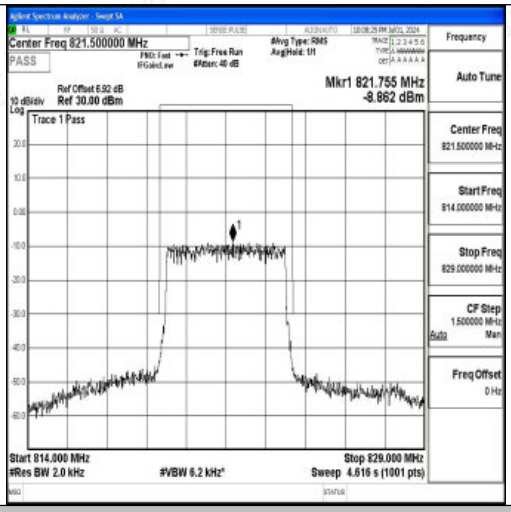
Band26_3MHz_16QAM_26775_15RB#0



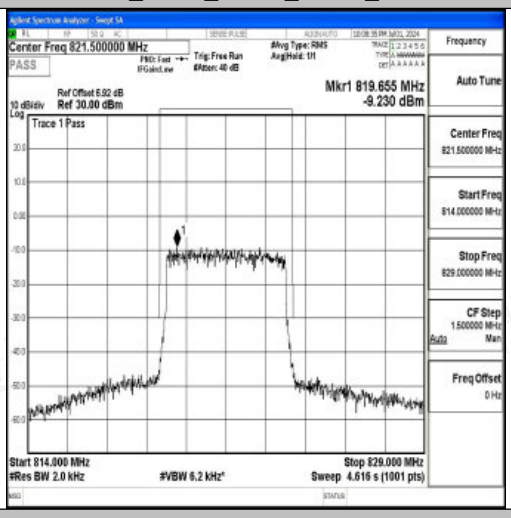
Band26_5MHz_QPSK_26715_25RB#0



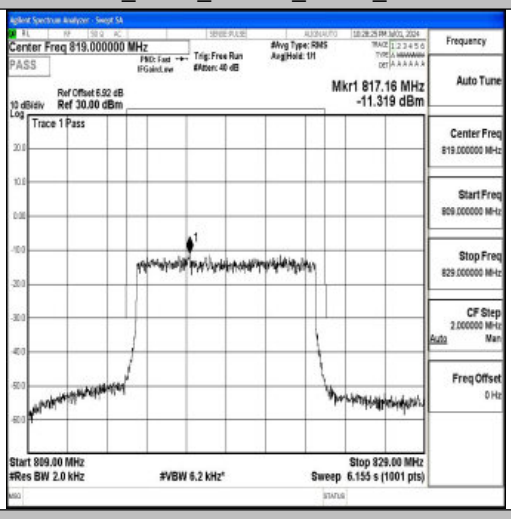
Band26_5MHz_16QAM_26715_25RB#0



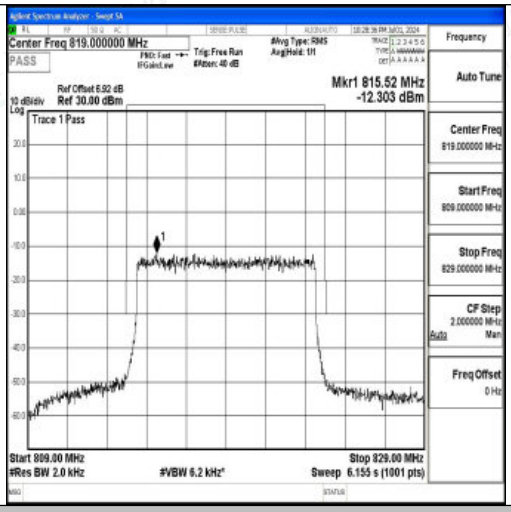
Band26_5MHz_QPSK_26765_25RB#0



Band26_5MHz_16QAM_26765_25RB#0



Band26_10MHz_QPSK_26740_50RB#0



Band26_10MHz_16QAM_26740_50RB#0

G.5 Conducted Spurious Emission

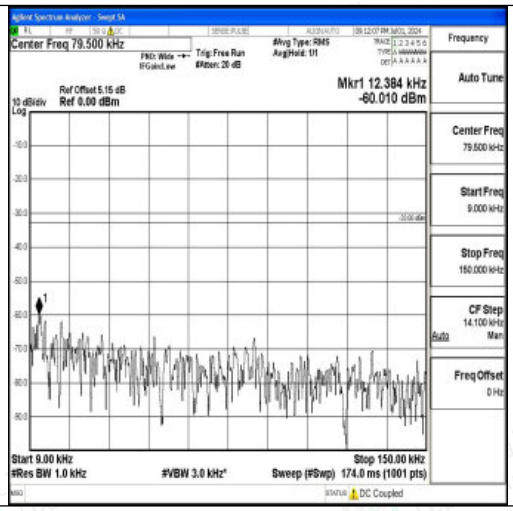
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	0.009~0.15	-60.01	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#0	0.15~30	-55.42	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#0	30~1000	-44.63	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#0	1000~3000	-42.03	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#0	3000~10000	-44.03	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	0.009~0.15	-56.56	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	0.15~30	-51.49	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	30~1000	-49.12	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	1000~3000	-41.67	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	3000~10000	-44.07	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	0.009~0.15	-55.65	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	0.15~30	-52.45	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	30~1000	-43.92	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	1000~3000	-41.82	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	3000~10000	-44.14	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	0.009~0.15	-58.57	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	0.15~30	-55.78	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	30~1000	-45.54	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	1000~3000	-39.71	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	3000~10000	-44.12	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	0.009~0.15	-56.73	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	0.15~30	-53.17	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	30~1000	-44.37	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	1000~3000	-42.33	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	3000~10000	-44.32	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	0.009~0.15	-56.59	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	0.15~30	-51.84	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	30~1000	-44.89	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	1000~3000	-43.22	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	3000~10000	-44.02	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	0.009~0.15	-57.58	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	0.15~30	-51.09	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	30~1000	-49.61	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	1000~3000	-43.13	PASS

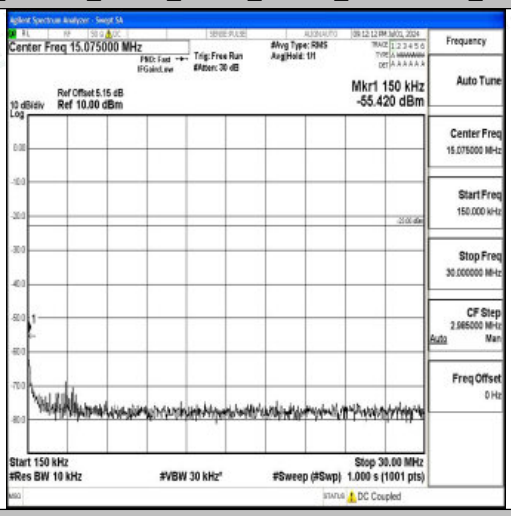
26(814-824)	3MHz	QPSK	26705	1RB#0	3000~10000	-44.15	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	0.009~0.15	-57.29	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	0.15~30	-52.55	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	30~1000	-53.43	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	1000~3000	-42.48	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	3000~10000	-43.56	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	0.009~0.15	-57.21	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	0.15~30	-54.14	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	30~1000	-49.96	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	1000~3000	-43.06	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	3000~10000	-43.39	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	0.009~0.15	-57.04	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	0.15~30	-51.54	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	30~1000	-48.27	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	1000~3000	-42.33	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	3000~10000	-43.47	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	0.009~0.15	-57.46	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	0.15~30	-53.42	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	30~1000	-48.05	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	1000~3000	-42.35	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	3000~10000	-44.12	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	0.009~0.15	-59.83	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	0.15~30	-53.06	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	30~1000	-47.56	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	1000~3000	-42.82	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	3000~10000	-43.67	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	0.009~0.15	-58.76	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	0.15~30	-52.02	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	30~1000	-59.71	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	1000~3000	-41.81	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	3000~10000	-44.25	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	0.009~0.15	-58.44	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	0.15~30	-52.18	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	30~1000	-59.31	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	1000~3000	-42.85	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	3000~10000	-43.70	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	0.009~0.15	-56.99	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	0.15~30	-52.24	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	30~1000	-58.84	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	1000~3000	-42.84	PASS

26(814-824)	5MHz	QPSK	26740	1RB#0	3000~10000	-43.83	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	0.009~0.15	-57.62	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	0.15~30	-50.86	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	30~1000	-60.94	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	1000~3000	-44.42	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	3000~10000	-43.61	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	0.009~0.15	-54.47	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	0.15~30	-52.30	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	30~1000	-58.28	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	1000~3000	-43.03	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	3000~10000	-44.20	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	0.009~0.15	-58.83	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	0.15~30	-50.90	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	30~1000	-57.93	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	1000~3000	-42.35	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	3000~10000	-43.93	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	0.009~0.15	-57.99	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	0.15~30	-53.08	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	30~1000	-61.73	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	1000~3000	-43.17	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	3000~10000	-44.34	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	0.009~0.15	-58.85	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	0.15~30	-52.43	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	30~1000	-61.70	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	1000~3000	-41.46	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	3000~10000	-43.59	PASS

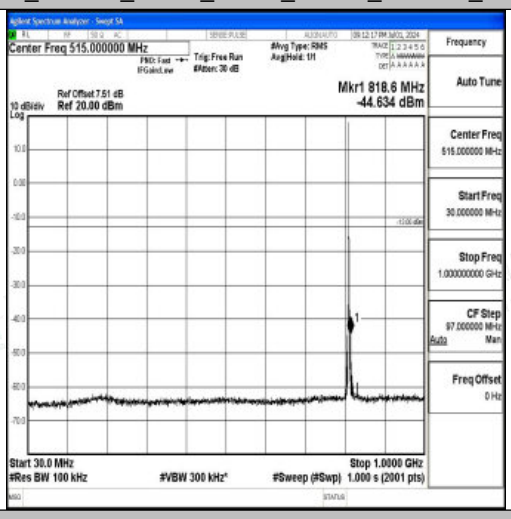
Test Graphs



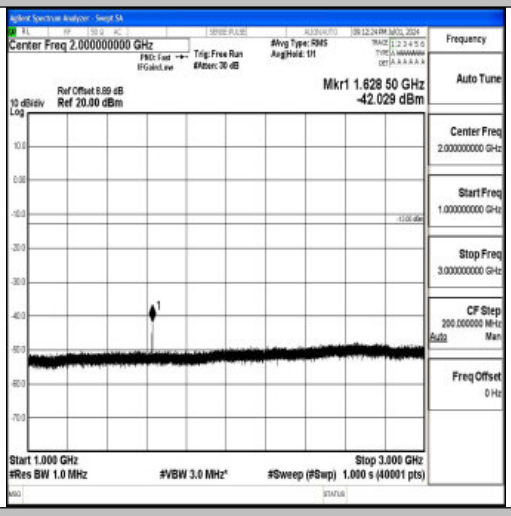
Band26_1.4MHz_QPSK_26697_1RB#0_0.009~0.15_0.009~0.15



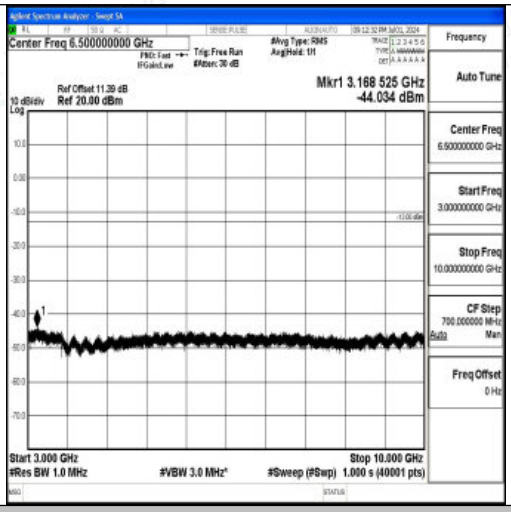
Band26_1.4MHz_QPSK_26697_1RB#0_0.15~30_0.15~30



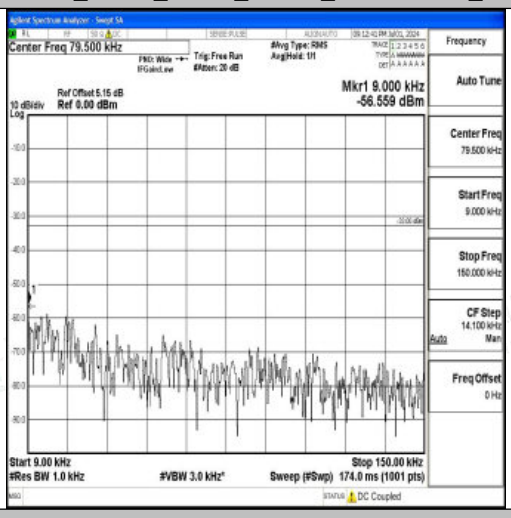
Band26_1.4MHz_QPSK_26697_1RB#0_30~1000_30~1000



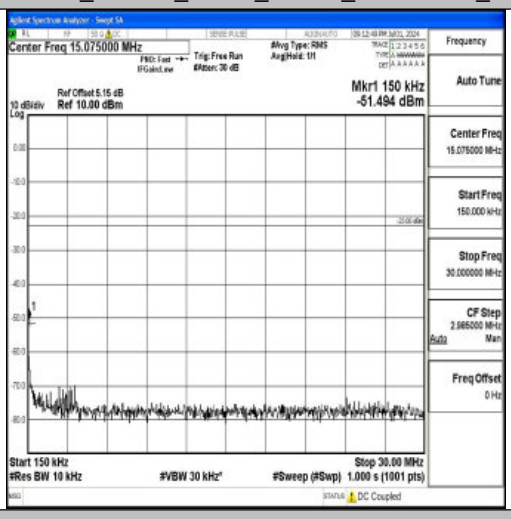
Band26_1.4MHz_QPSK_26697_1RB#0_1000~3000_1000~3000



Band26_1.4MHz_QPSK_26697_1RB#0_3000~10000_3000~10000



Band26_1.4MHz_16QAM_26697_1RB#0_0.009~0.15_0.009~0.15



Band26_1.4MHz_16QAM_26697_1RB#0_0.15~30_0.15~30