Appendix C: Test Data for E-UTRA Band 5

Product Name: 4G Feature Phone

Test Model: B7L

Environmental Conditions

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

C.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	25.11	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	25.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	25.11	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.90	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.89	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.88	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.75	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.84	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	24.08	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.24	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	24.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.20	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.98	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	24.22	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.40	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.37	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.36	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.55	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.95	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.19	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	24.19	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	24.19	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	24.22	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.99	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.50	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.96	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.75	PASS
Band5	3MHz	16QAM	20415	1RB#0	24.09	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.70	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.04	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.64	PASS
Band5	3MHz	16QAM	20415	1RB#14	24.08	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.75	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.81	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.83	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.83	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.82	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.82	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.82	PASS
Band5	3MHz	16QAM	20415	15RB#0	23.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.25	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.00	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.16	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.97	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.26	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.91	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.36	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.33	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.30	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.27	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.37	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.27	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.27	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.65	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.08	PASS
Band5	3MHz	16QAM	20635	1RB#0	24.34	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.08	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.17	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.19	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.35	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.36	PASS

Band5	3MHz	QPSK	20635	8RB#4	23.37	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.37	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.37	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.37	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.37	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.73	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.72	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.66	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.44	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.60	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.41	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.79	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.79	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.76	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.72	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.75	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.76	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.83	PASS
Band5	5MHz	16QAM	20425	25RB#0	23.31	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.01	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.20	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.05	PASS
Band5	5MHz	16QAM	20525	1RB#12	24.15	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.07	PASS
Band5	5MHz	16QAM	20525	1RB#24	24.00	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.35	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.38	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.32	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.29	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.24	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.34	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.29	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.14	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.55	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.13	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.53	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.80	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.26	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.38	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.40	PASS

Band5	5MHz	QPSK	20625	12RB#6	23.40	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.40	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.40	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.39	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.43	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.62	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.17	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.50	PASS
Band5	10MHz	16QAM	20450	1RB#24	24.00	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.22	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.84	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.85	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.93	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.84	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.79	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.54	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.49	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.66	PASS
Band5	10MHz	16QAM	20450	50RB#0	23.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.32	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.85	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.30	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.91	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.05	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.68	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.43	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.35	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.29	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.29	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.39	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.78	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.16	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.12	PASS
Band5	10MHz	16QAM	20600	1RB#24	24.09	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.92	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.89	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.20	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.23	PASS

Band5	10MHz	QPSK	20600	25RB#12	23.23	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.24	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.41	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.40	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.80	PASS

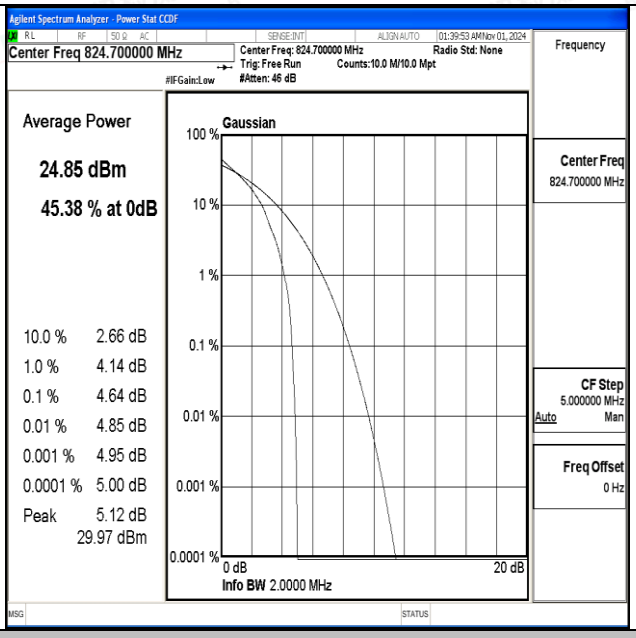
C.2 Peak-to-Average Ratio(CCDF)

Test Result

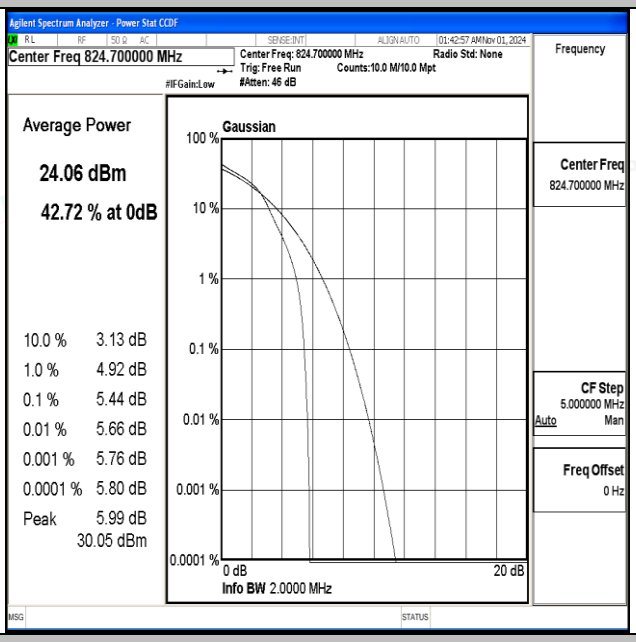
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.64	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.44	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.61	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.09	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.80	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.00	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.49	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.09	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.64	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.80	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.99	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.73	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.90	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.94	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.76	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.49	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.91	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.63	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.30	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.99	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.15	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.71	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.97	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.81	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.46	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.88	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.57	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.70	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.27	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.38	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.93	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.18	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.83	13	PASS

Band5	10MHz	QPSK	20450	1RB#0	4.92	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.33	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.76	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.26	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.72	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.73	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.04	13	PASS

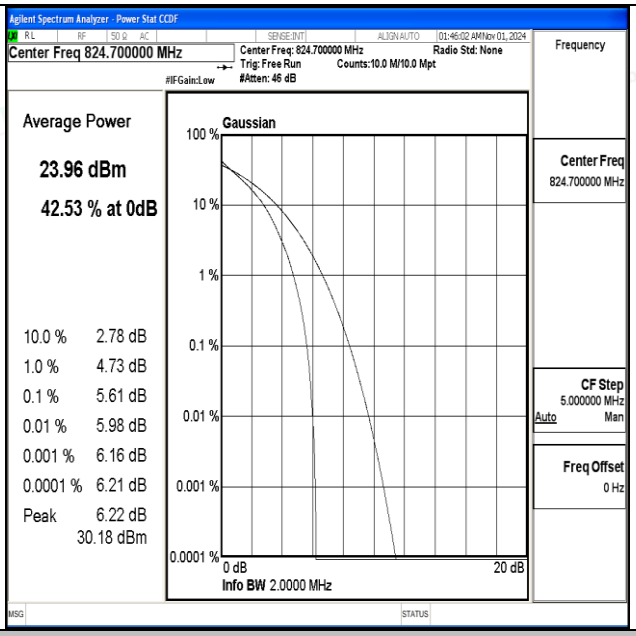
Test Graphs



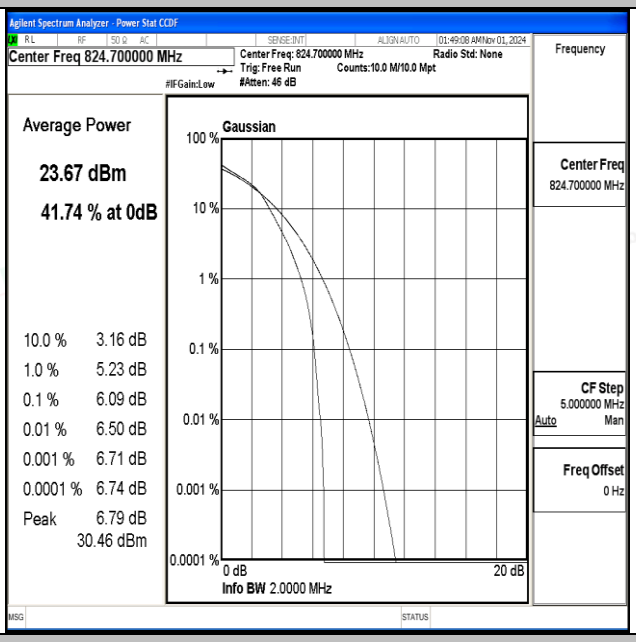
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



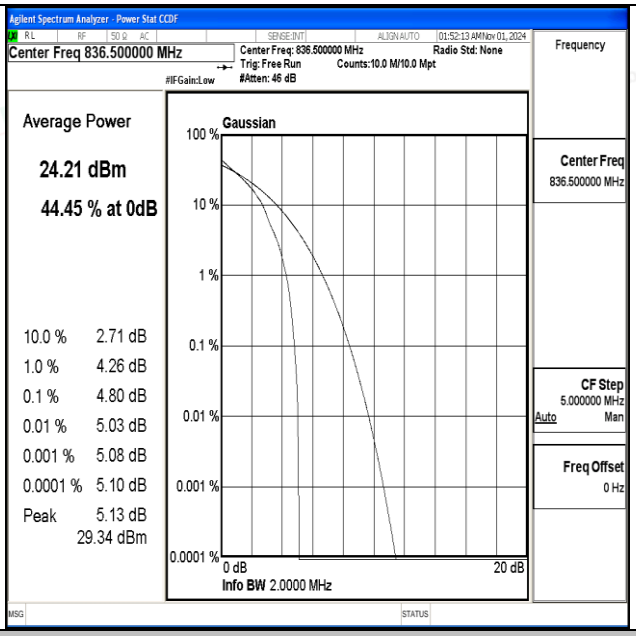
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



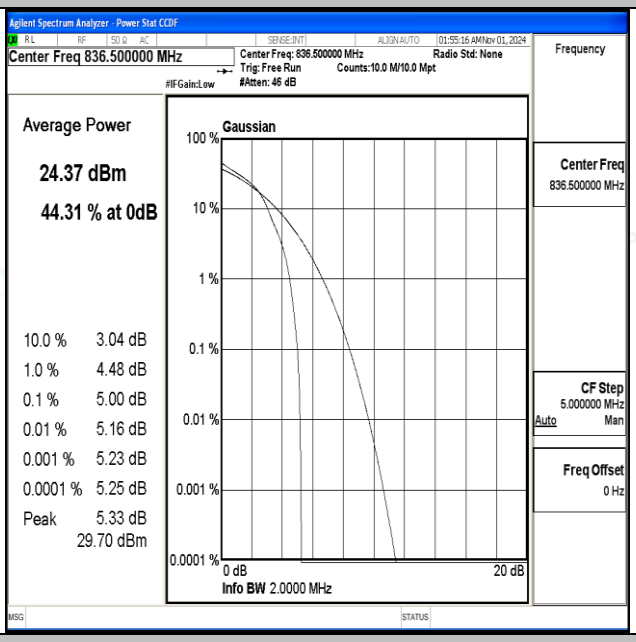
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



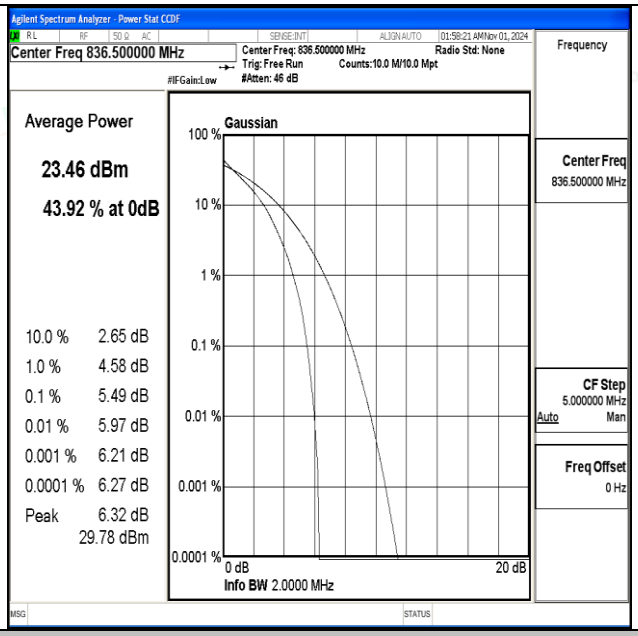
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



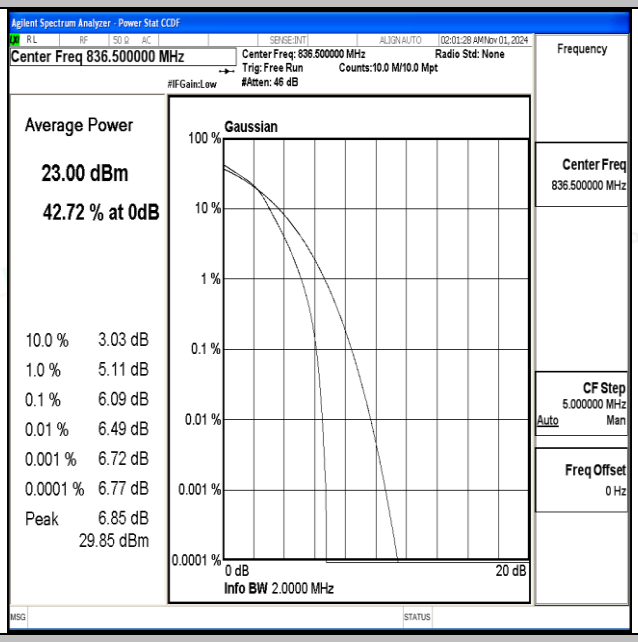
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



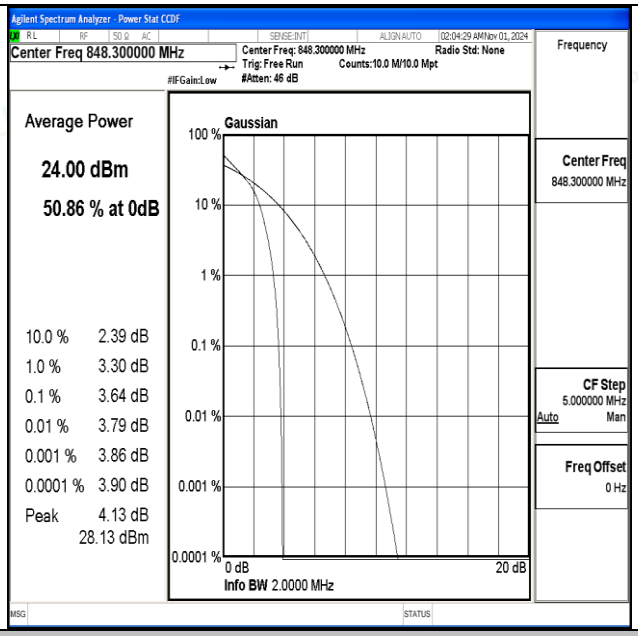
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



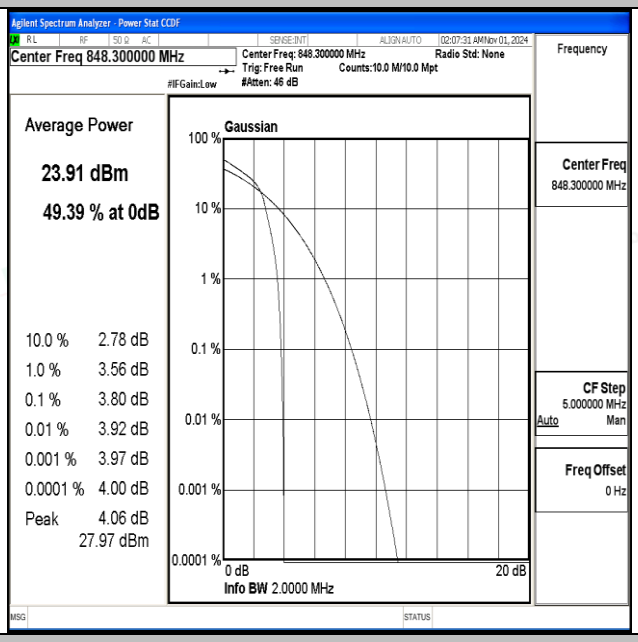
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



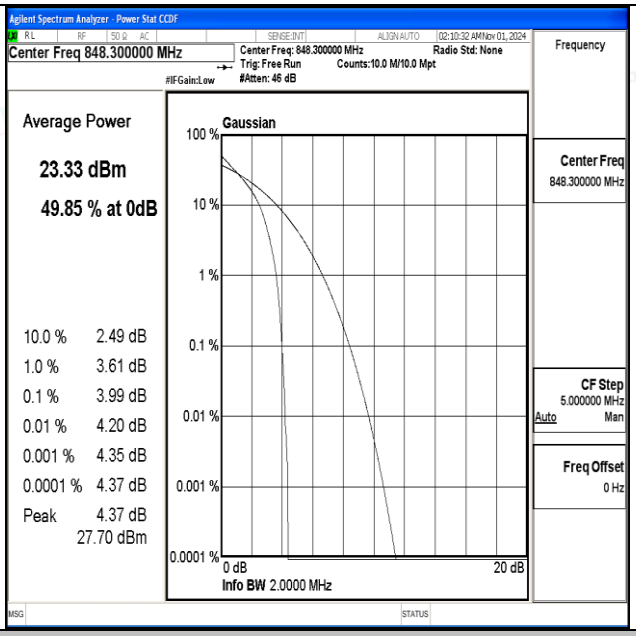
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



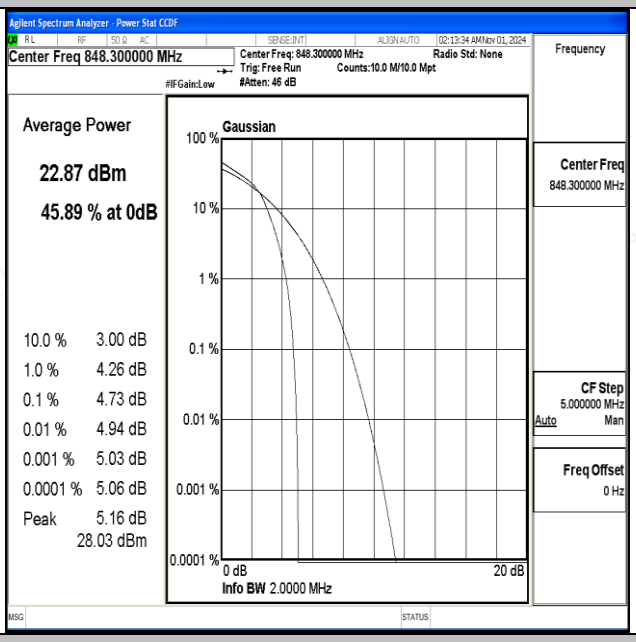
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



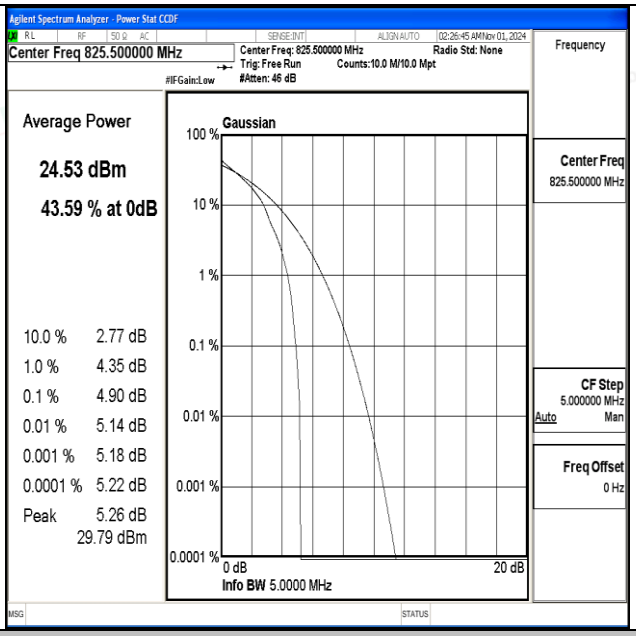
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



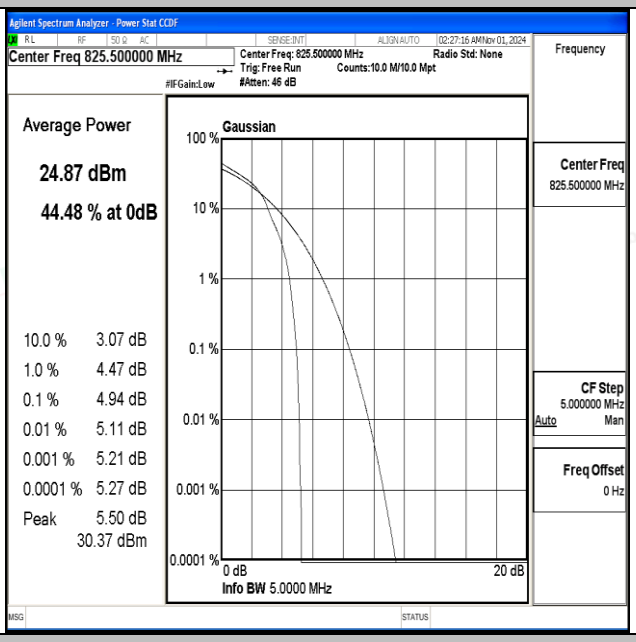
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



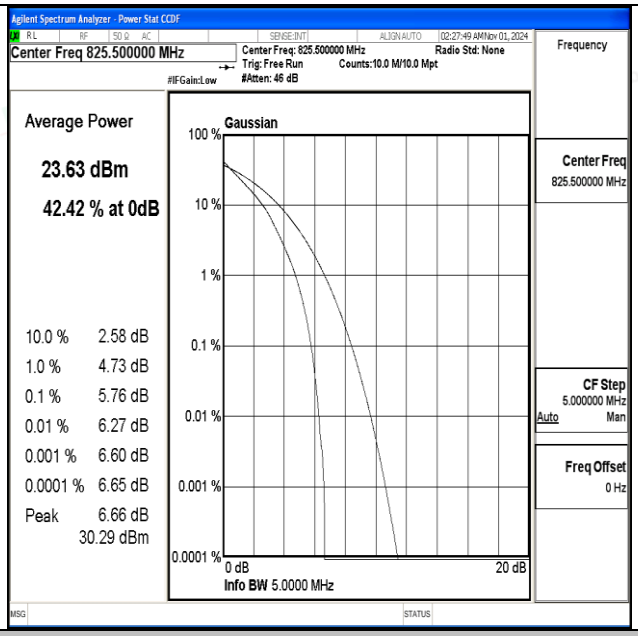
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



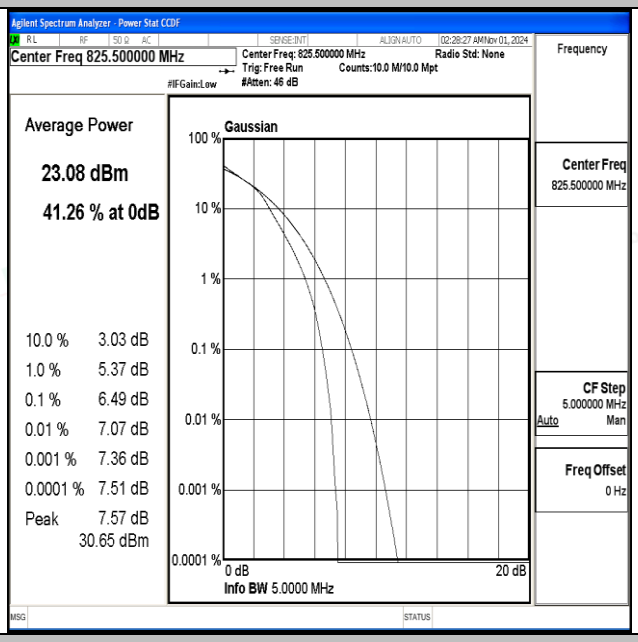
Band5-3MHz-QPSK-20415-1RB#0-PASS



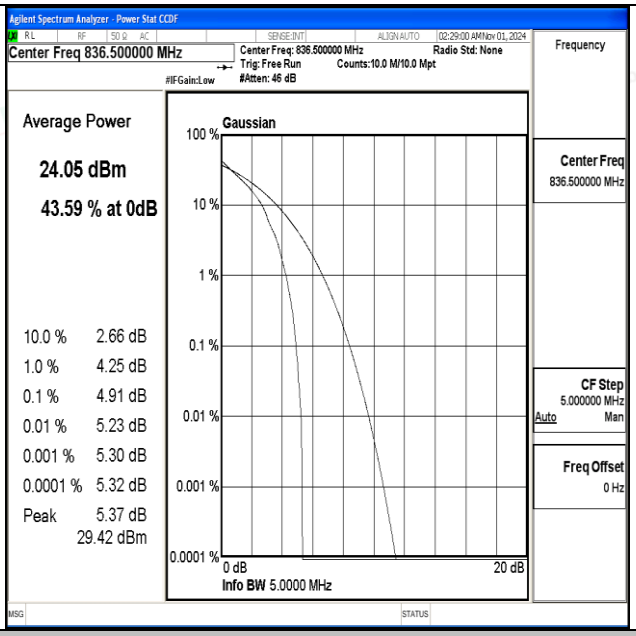
Band5-3MHz-16QAM-20415-1RB#0-PASS



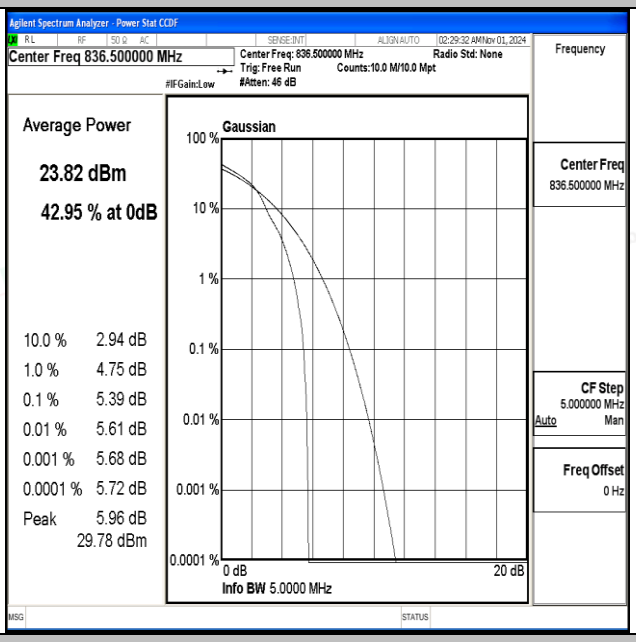
Band5-3MHz-QPSK-20415-15RB#0-PASS



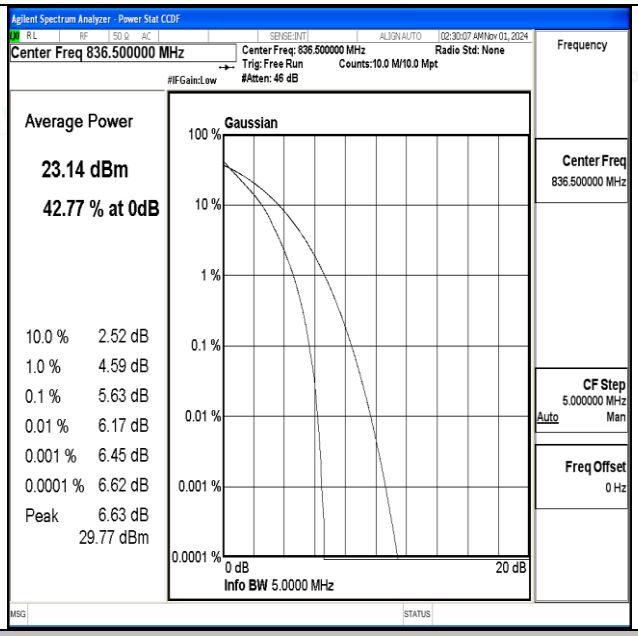
Band5-3MHz-16QAM-20415-15RB#0-PASS



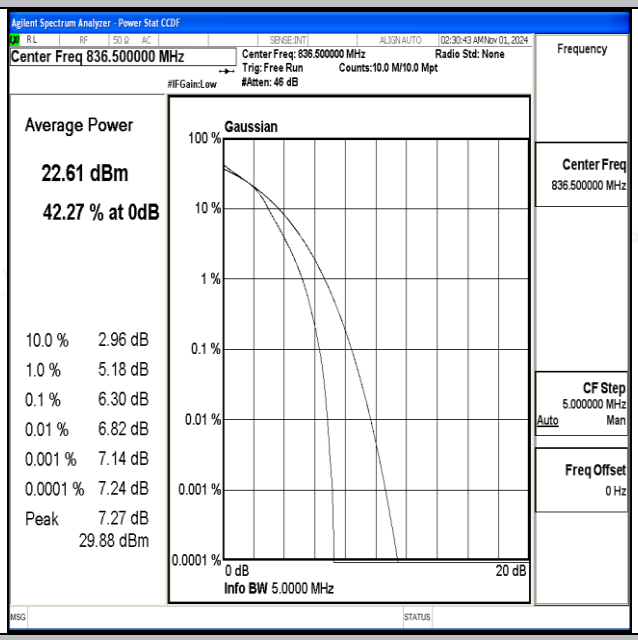
Band5-3MHz-QPSK-20525-1RB#0-PASS



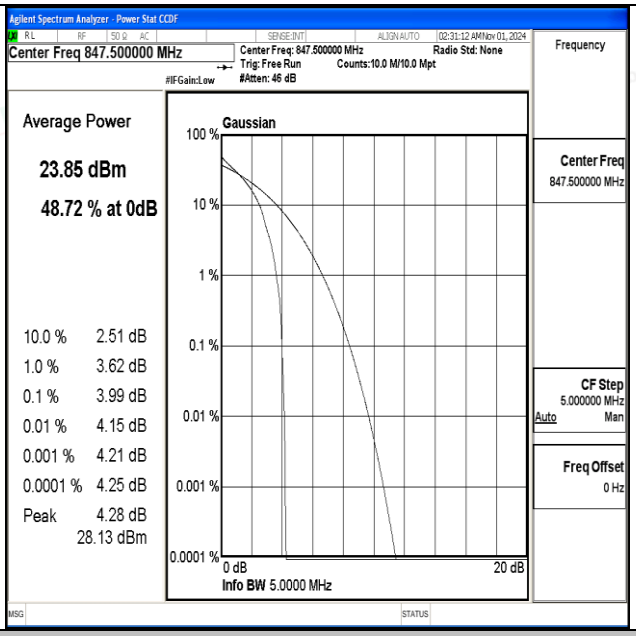
Band5-3MHz-16QAM-20525-1RB#0-PASS



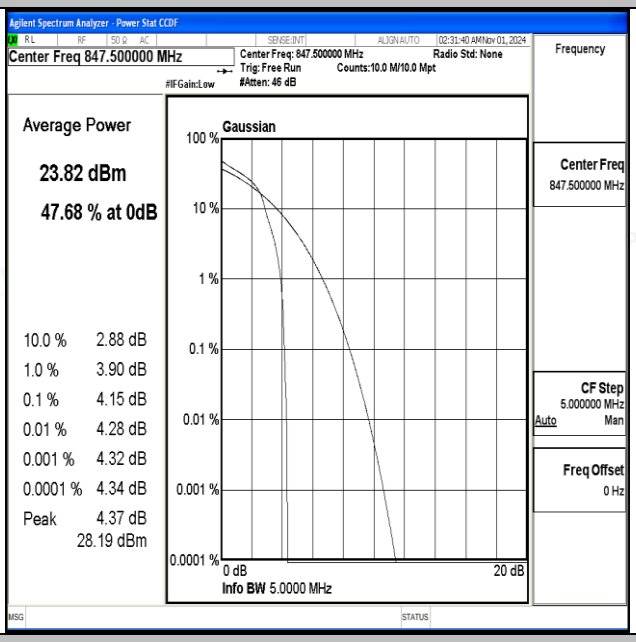
Band5-3MHz-QPSK-20525-15RB#0-PASS



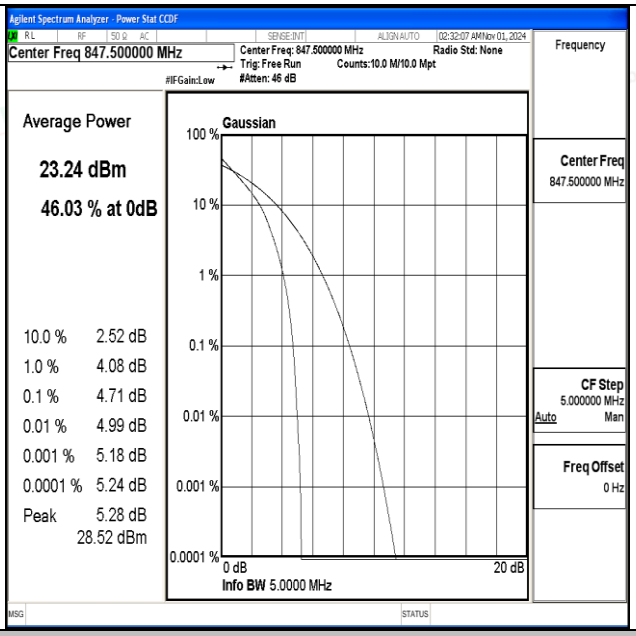
Band5-3MHz-16QAM-20525-15RB#0-PASS



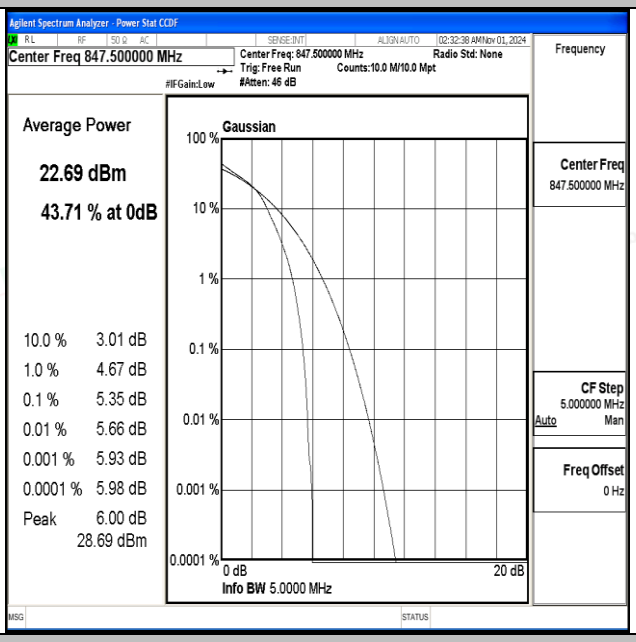
Band5-3MHz-QPSK-20635-1RB#0-PASS



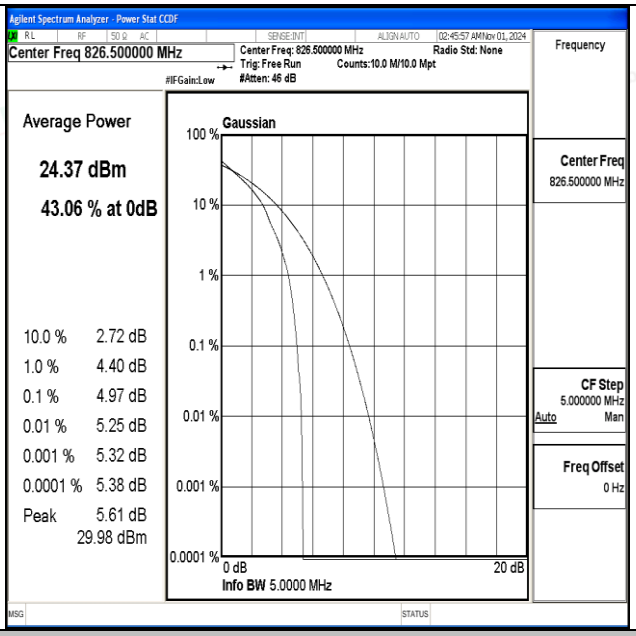
Band5-3MHz-16QAM-20635-1RB#0-PASS



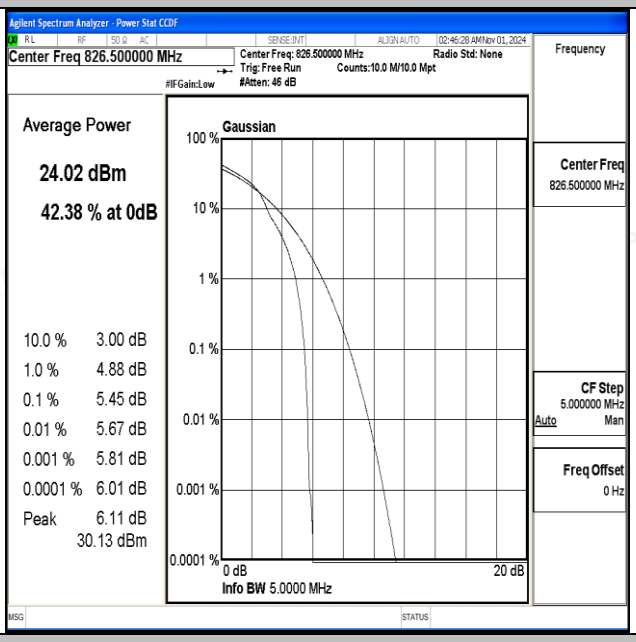
Band5-3MHz-QPSK-20635-15RB#0-PASS



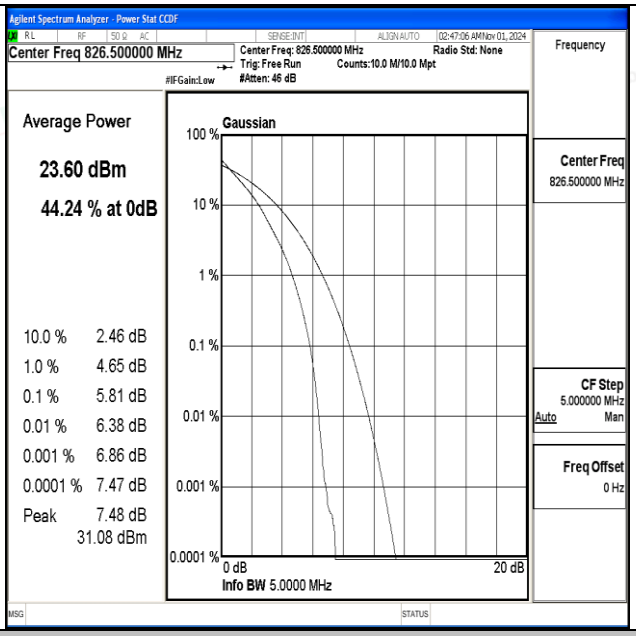
Band5-3MHz-16QAM-20635-15RB#0-PASS



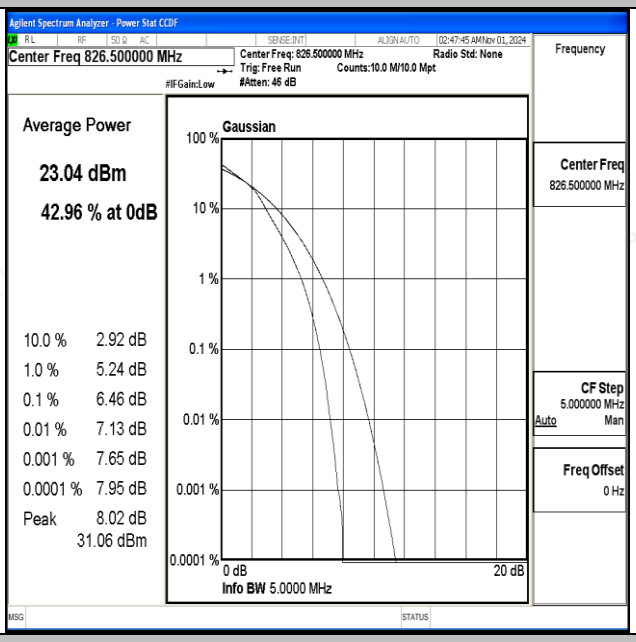
Band5-5MHz-QPSK-20425-1RB#0-PASS



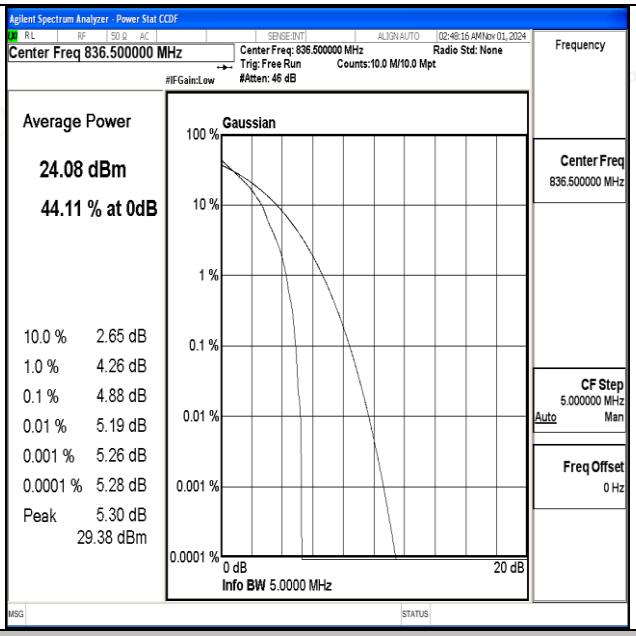
Band5-5MHz-16QAM-20425-1RB#0-PASS



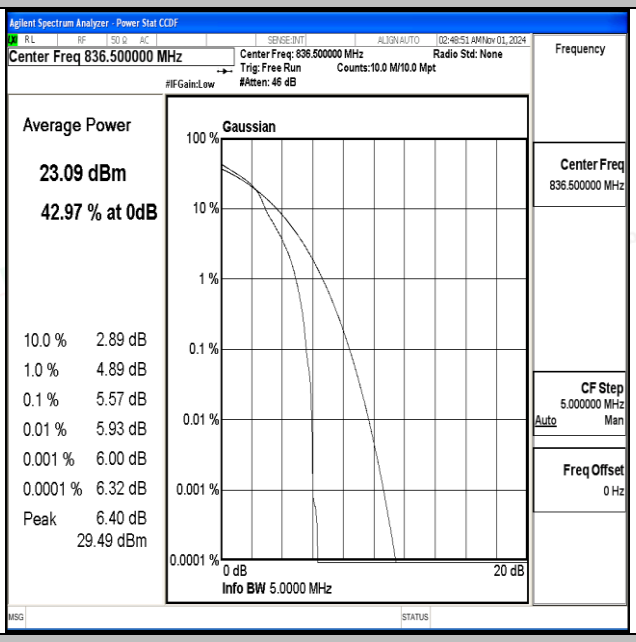
Band5-5MHz-QPSK-20425-25RB#0-PASS



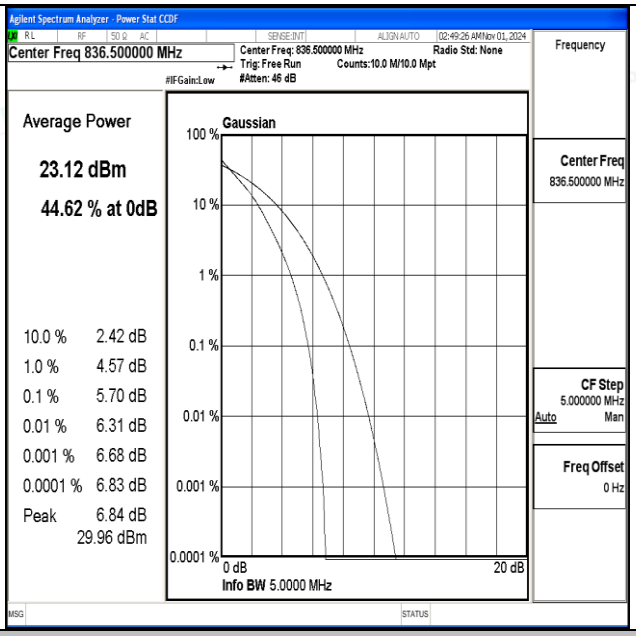
Band5-5MHz-16QAM-20425-25RB#0-PASS



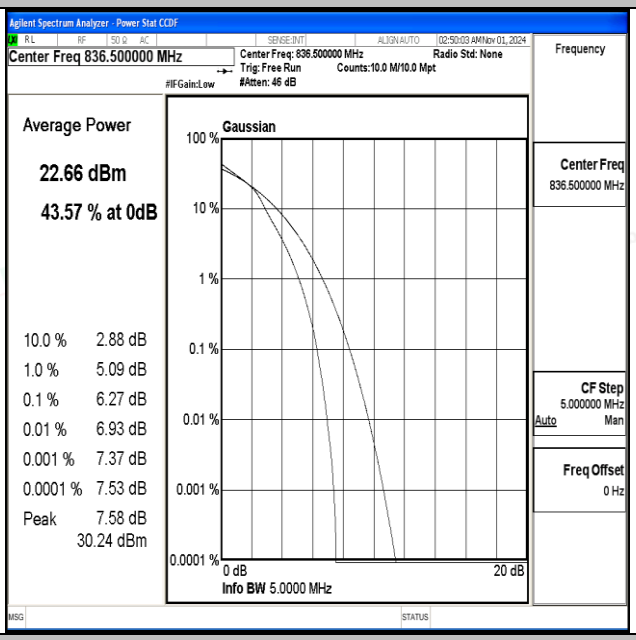
Band5-5MHz-QPSK-20525-1RB#0-PASS



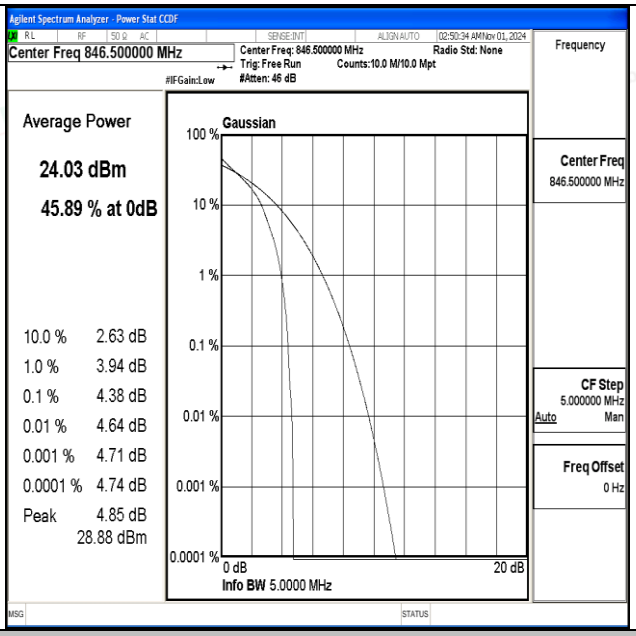
Band5-5MHz-16QAM-20525-1RB#0-PASS



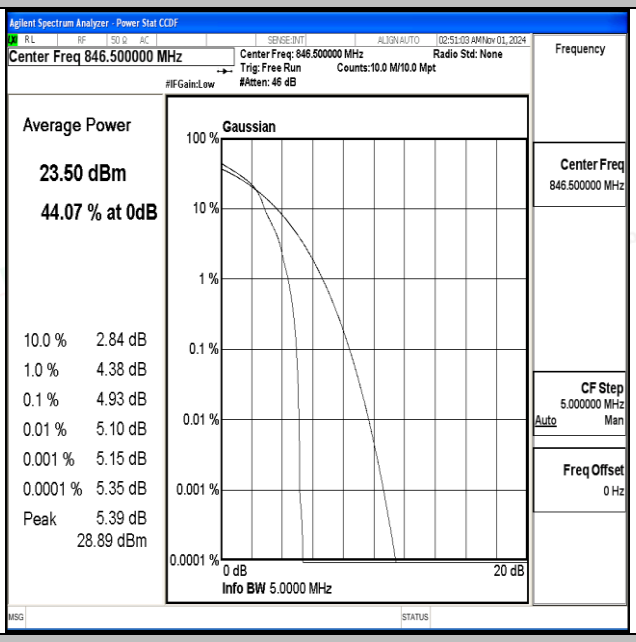
Band5-5MHz-QPSK-20525-25RB#0-PASS



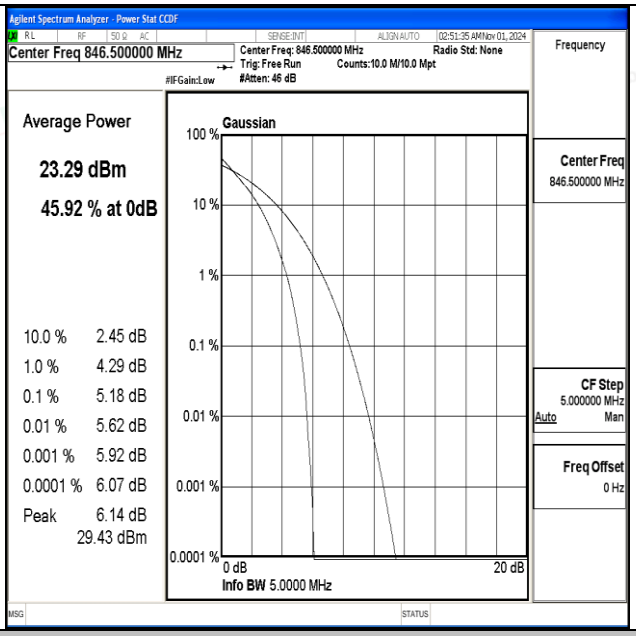
Band5-5MHz-16QAM-20525-25RB#0-PASS



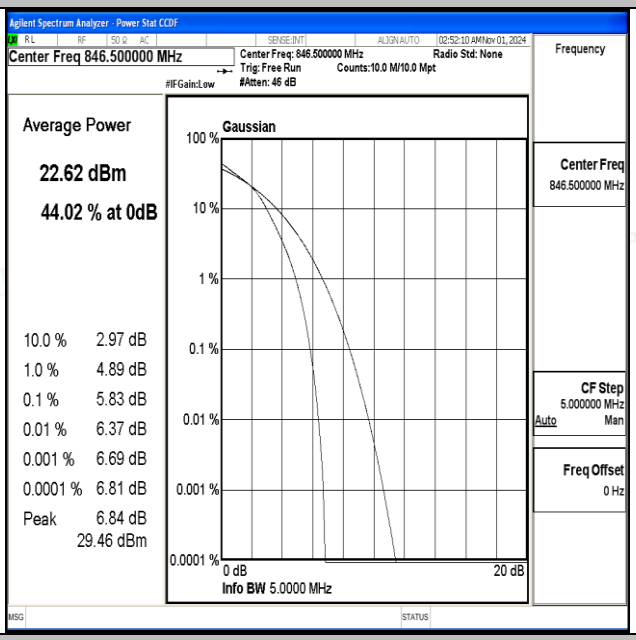
Band5-5MHz-QPSK-20625-1RB#0-PASS



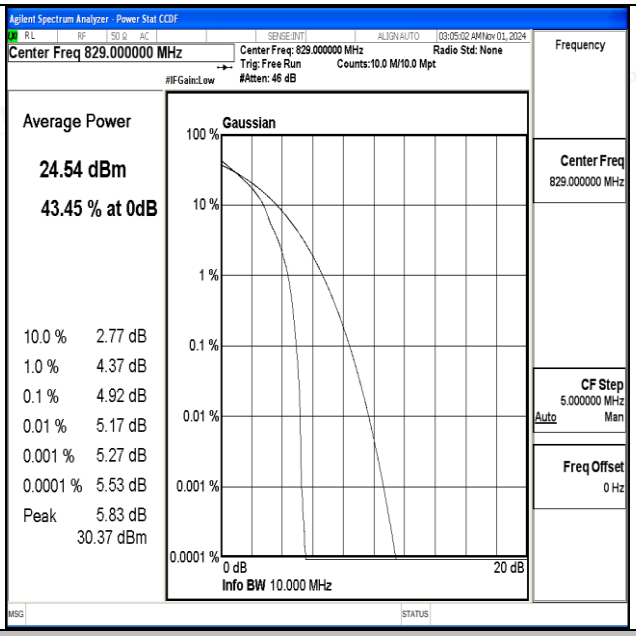
Band5-5MHz-16QAM-20625-1RB#0-PASS



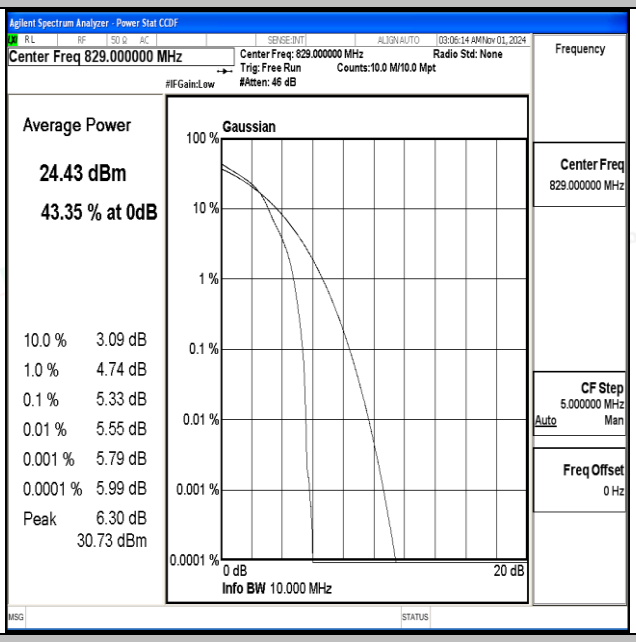
Band5-5MHz-QPSK-20625-25RB#0-PASS



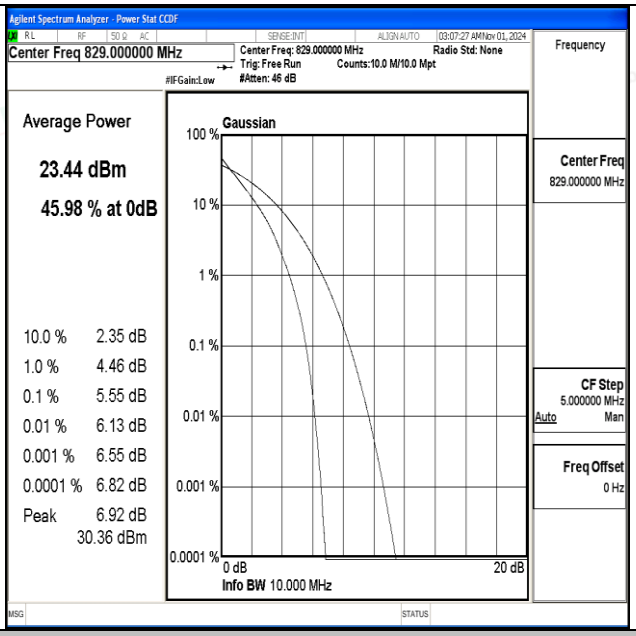
Band5-5MHz-16QAM-20625-25RB#0-PASS



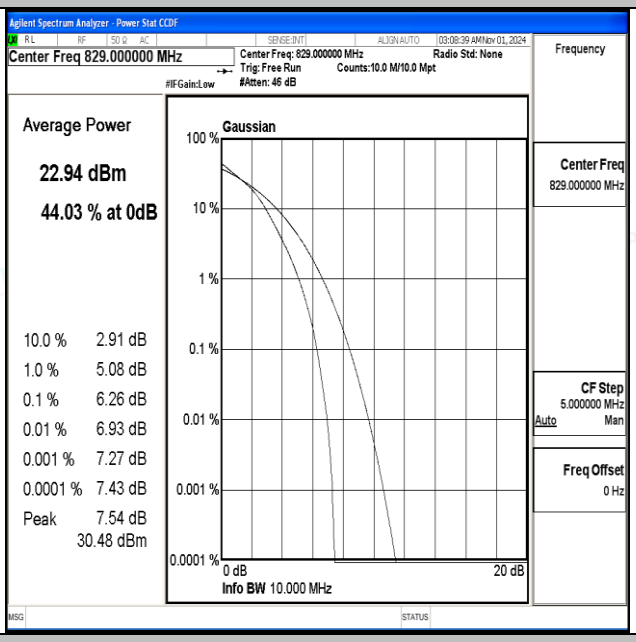
Band5-10MHz-QPSK-20450-1RB#0-PASS



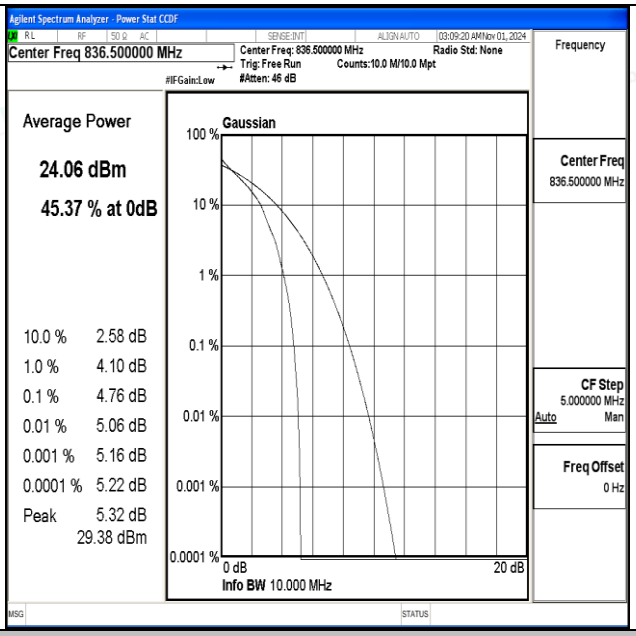
Band5-10MHz-16QAM-20450-1RB#0-PASS



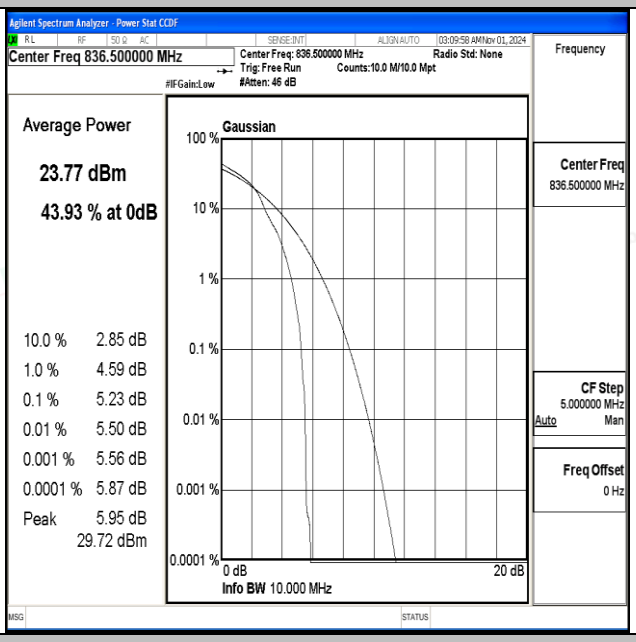
Band5-10MHz-QPSK-20450-50RB#0-PASS



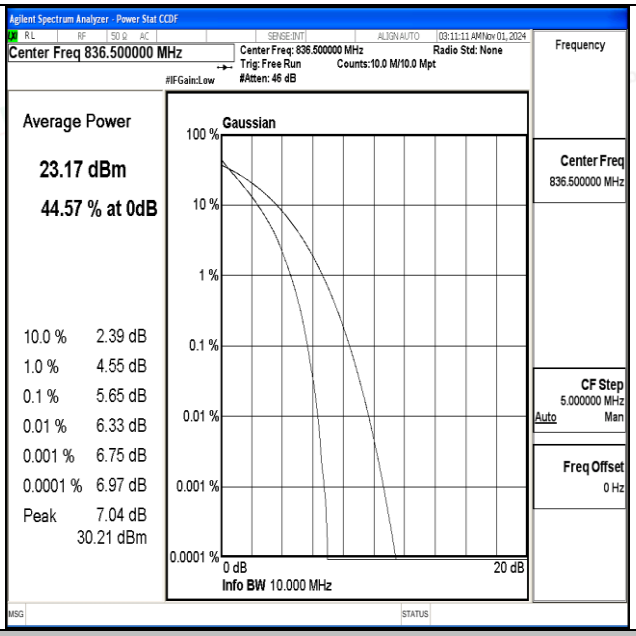
Band5-10MHz-16QAM-20450-50RB#0-PASS



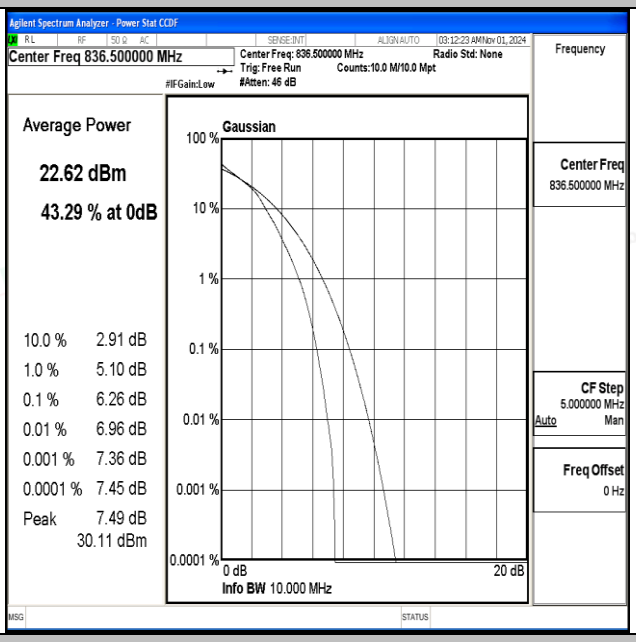
Band5-10MHz-QPSK-20525-1RB#0-PASS



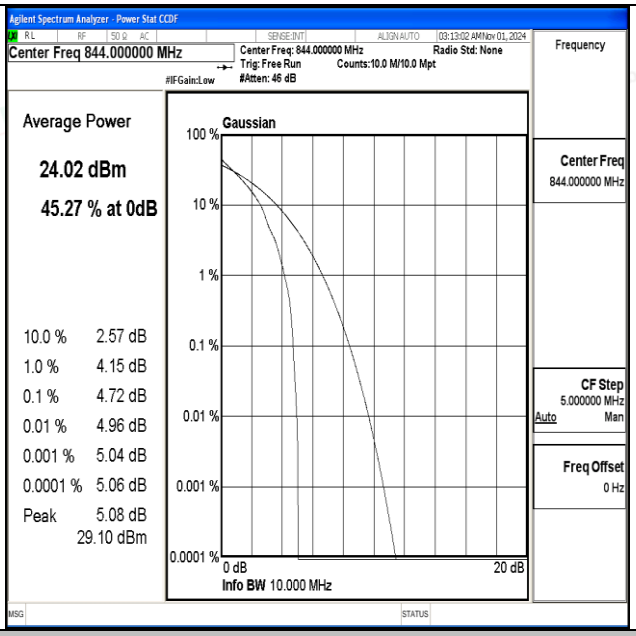
Band5-10MHz-16QAM-20525-1RB#0-PASS



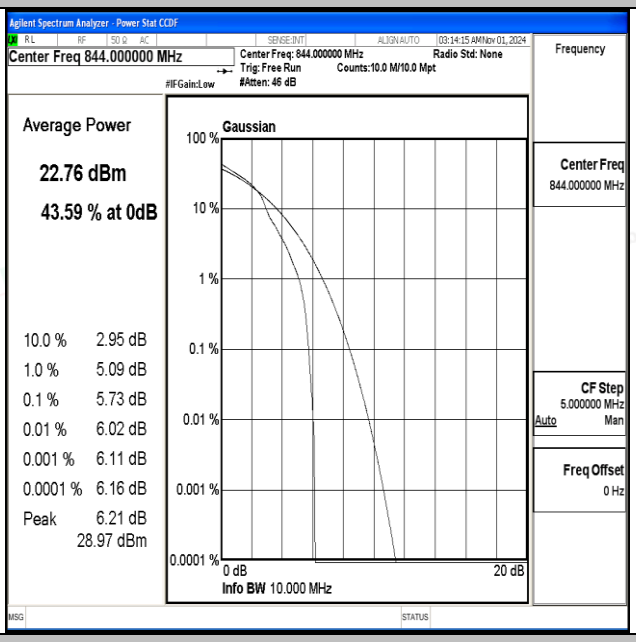
Band5-10MHz-QPSK-20525-50RB#0-PASS



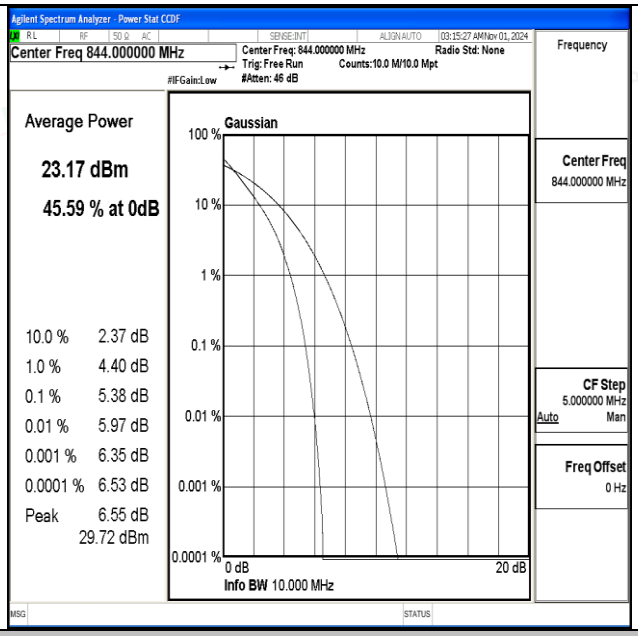
Band5-10MHz-16QAM-20525-50RB#0-PASS



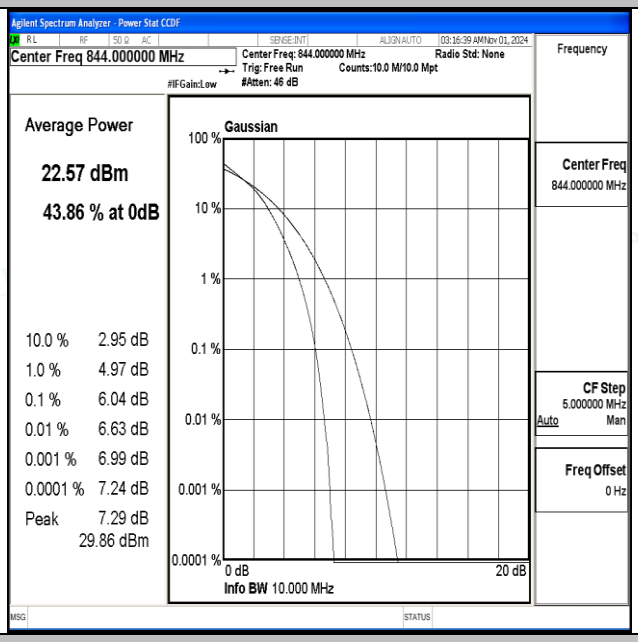
Band5-10MHz-QPSK-20600-1RB#0-PASS



Band5-10MHz-16QAM-20600-1RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



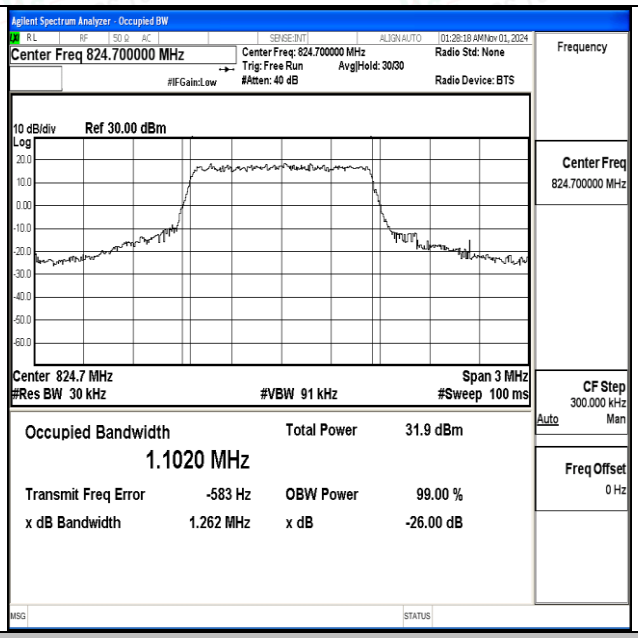
Band5-10MHz-16QAM-20600-50RB#0-PASS

C.3 26dB Bandwidth and Occupied Bandwidth

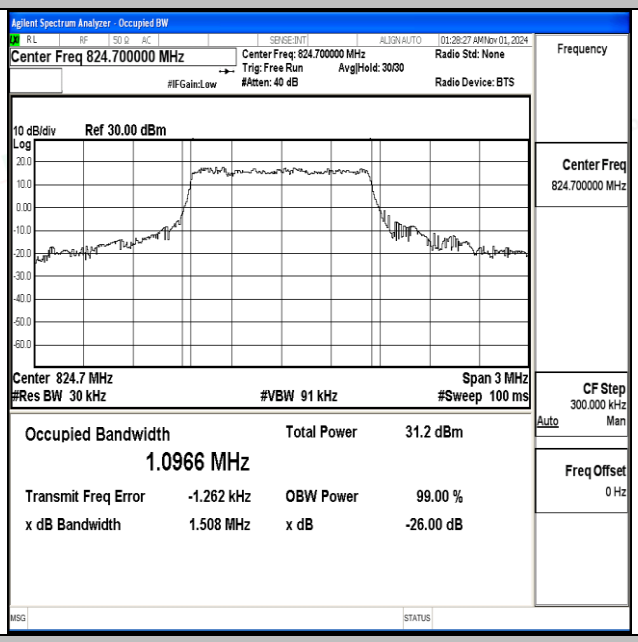
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1020	1.262	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0966	1.508	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0973	1.311	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1015	1.299	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0971	1.317	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1027	1.324	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7241	3.115	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7147	3.109	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7129	3.242	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7141	3.252	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7041	3.035	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7115	3.254	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5314	5.264	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5258	5.264	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5256	5.387	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5433	5.465	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5245	5.304	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5502	5.419	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9658	10.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9638	10.04	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0046	10.18	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0201	10.64	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9745	9.979	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9969	10.01	PASS

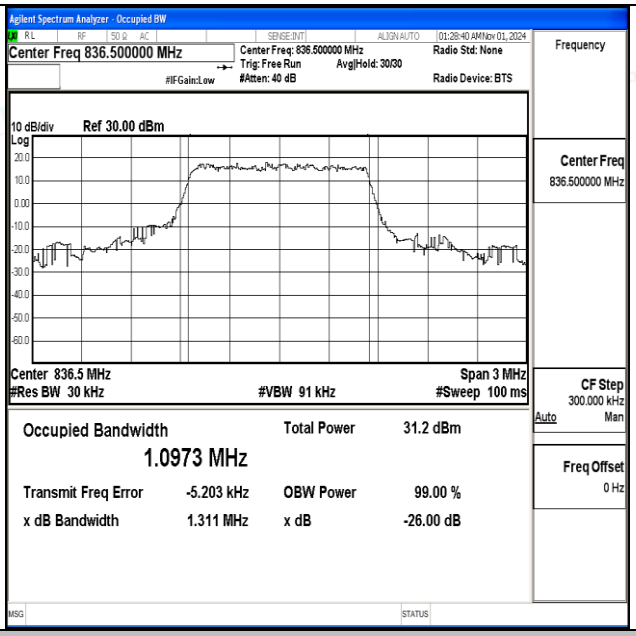
Test Graphs



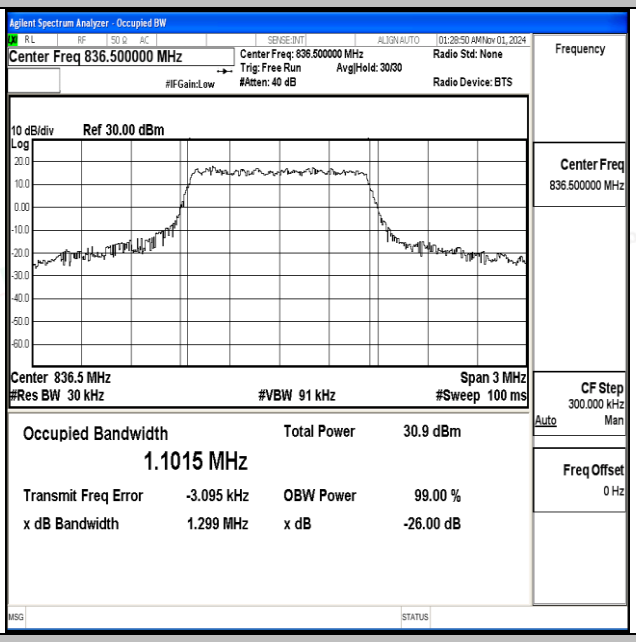
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



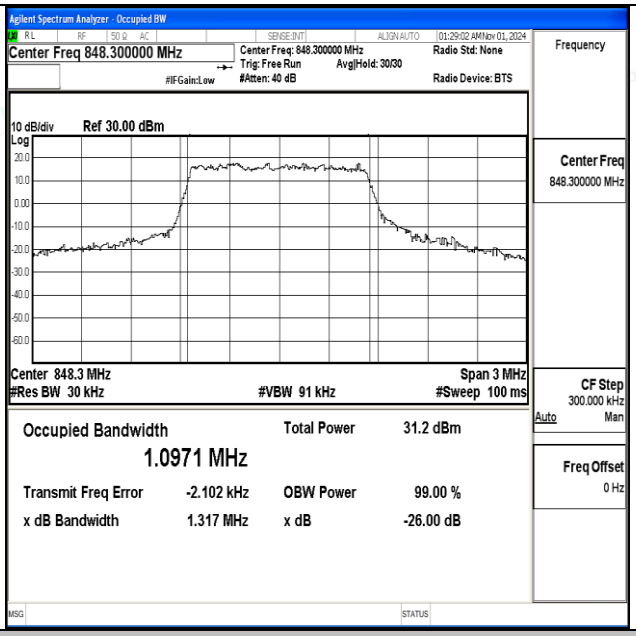
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



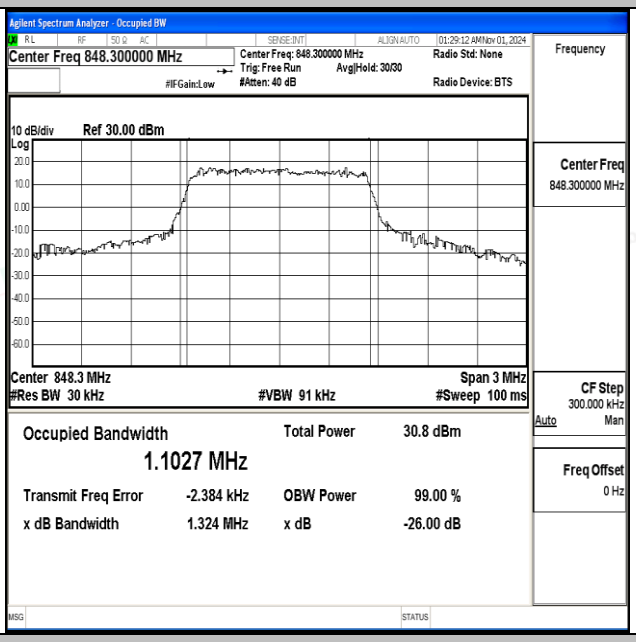
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



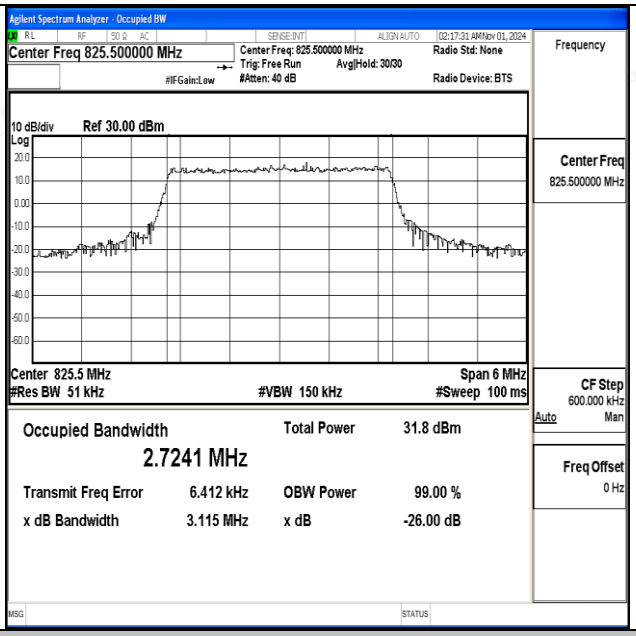
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



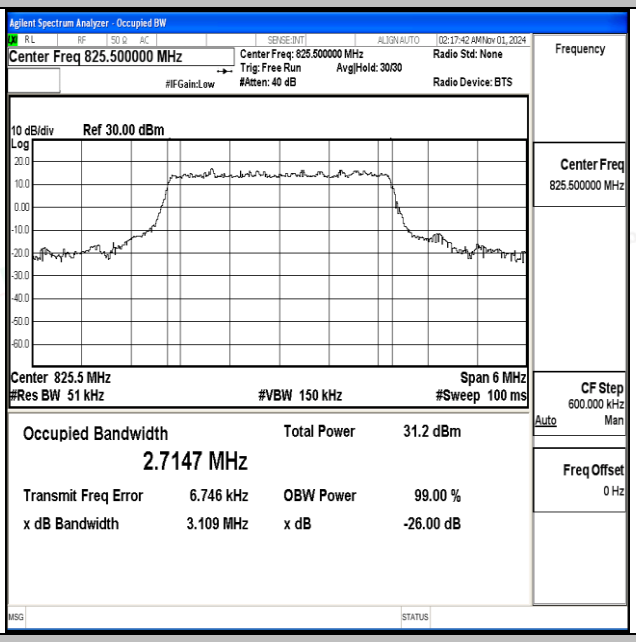
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



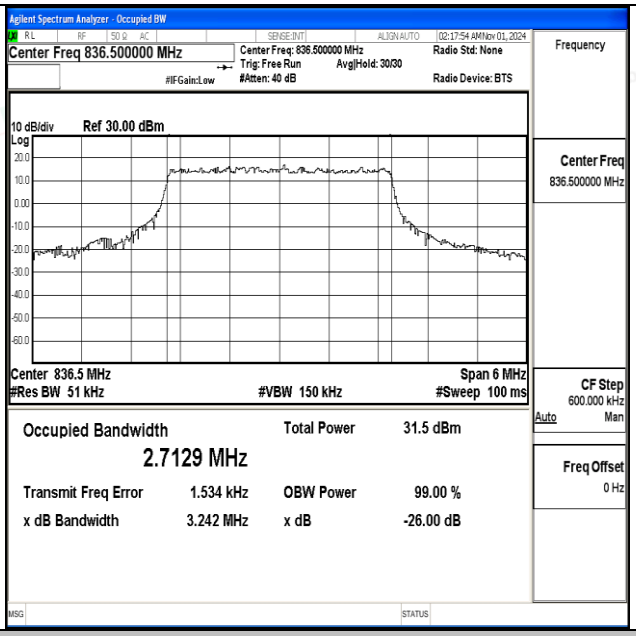
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



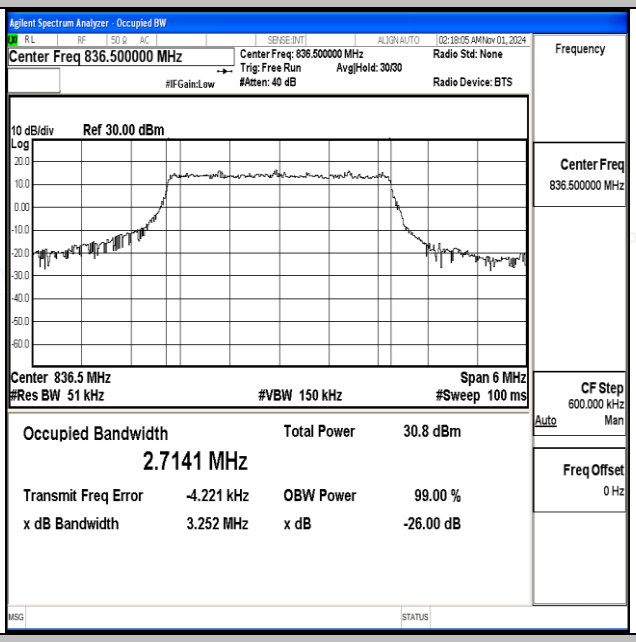
Band5-3MHz-QPSK-20415-15RB#0-PASS



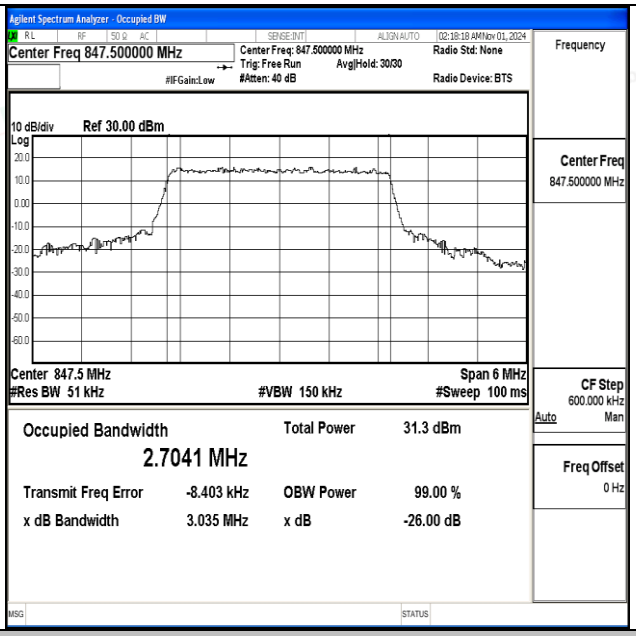
Band5-3MHz-16QAM-20415-15RB#0-PASS



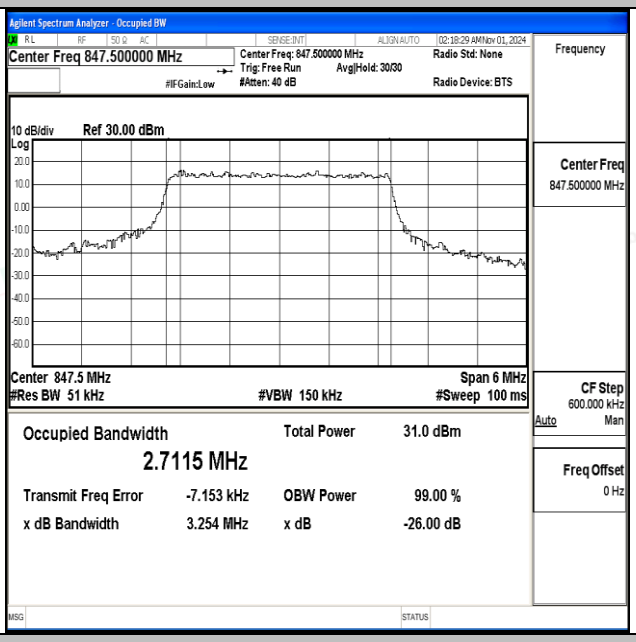
Band5-3MHz-QPSK-20525-15RB#0-PASS



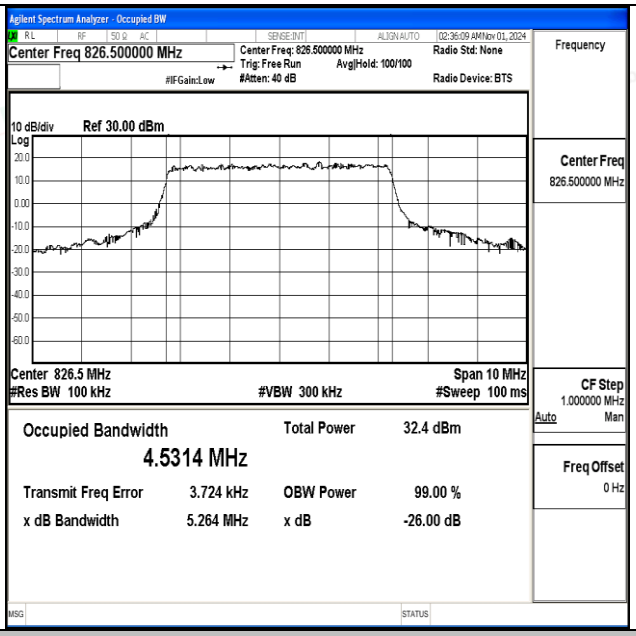
Band5-3MHz-16QAM-20525-15RB#0-PASS



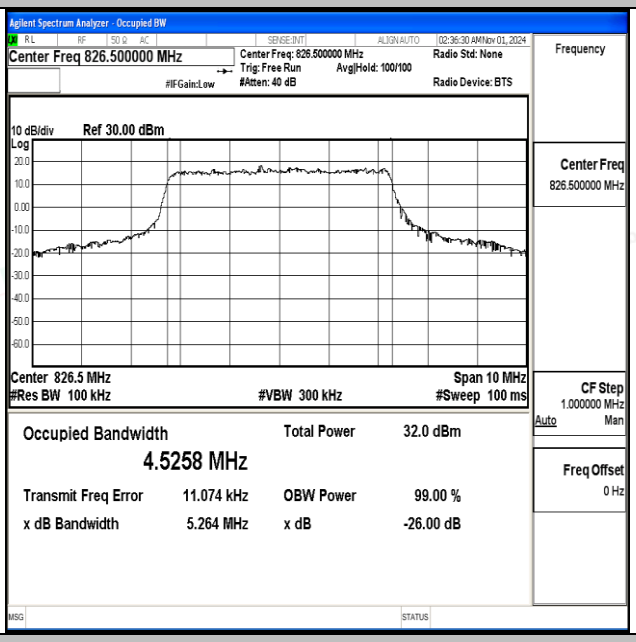
Band5-3MHz-QPSK-20635-15RB#0-PASS



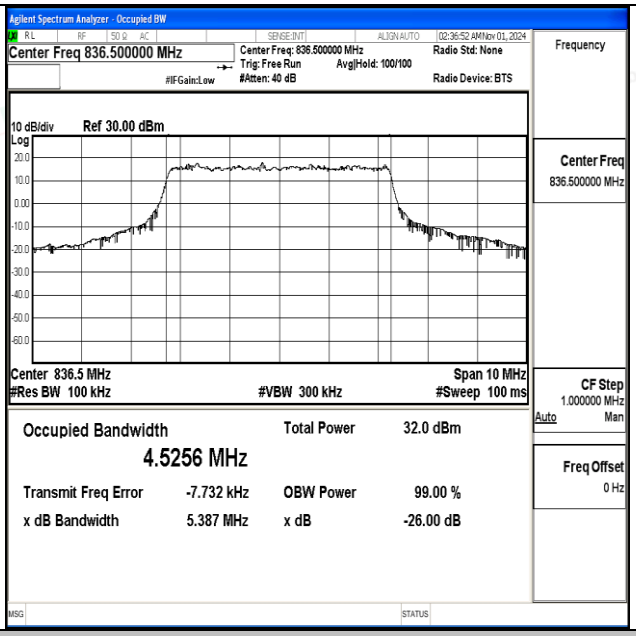
Band5-3MHz-16QAM-20635-15RB#0-PASS



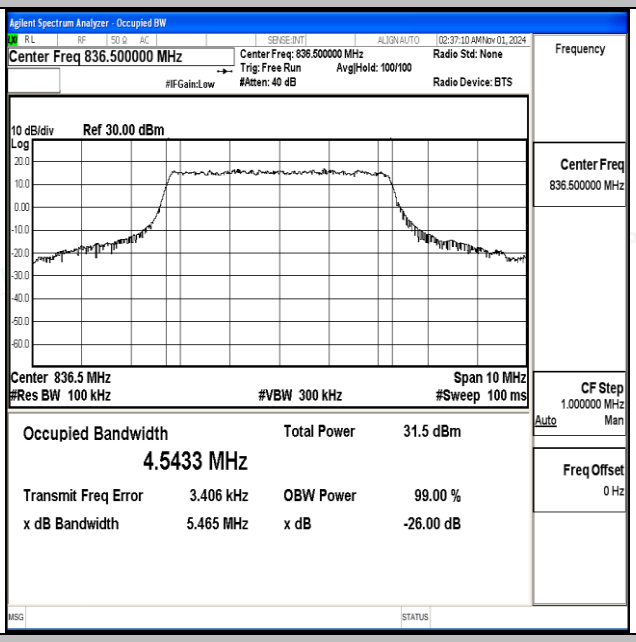
Band5-5MHz-QPSK-20425-25RB#0-PASS



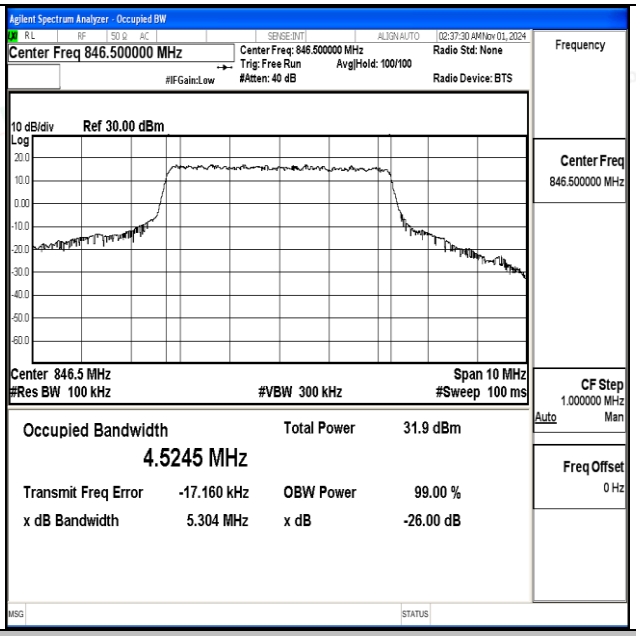
Band5-5MHz-16QAM-20425-25RB#0-PASS



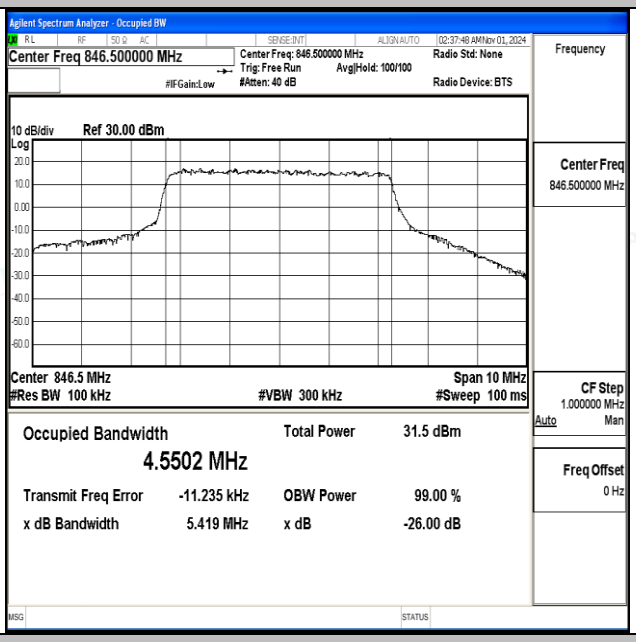
Band5-5MHz-QPSK-20525-25RB#0-PASS



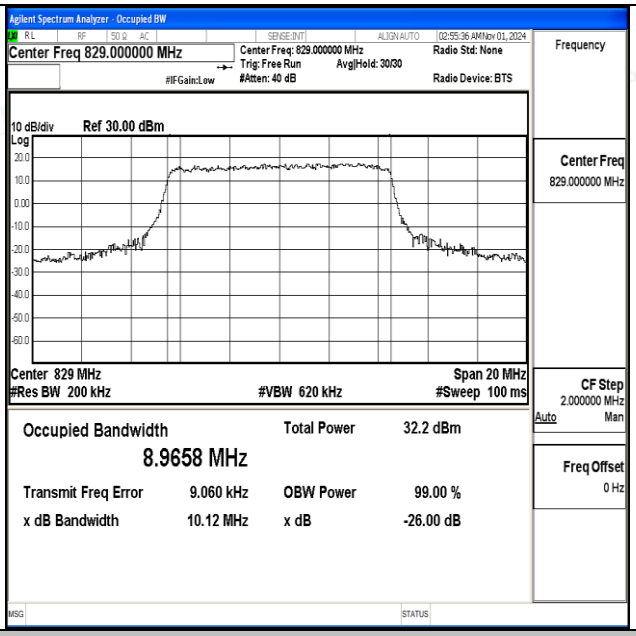
Band5-5MHz-16QAM-20525-25RB#0-PASS



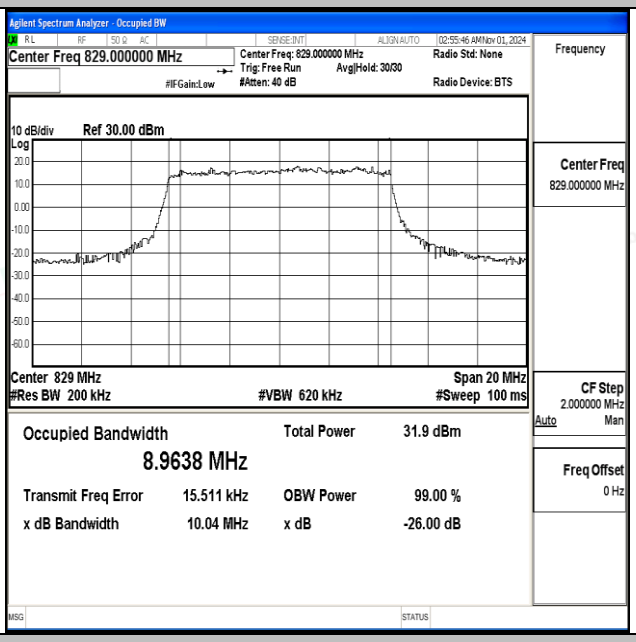
Band5-5MHz-QPSK-20625-25RB#0-PASS



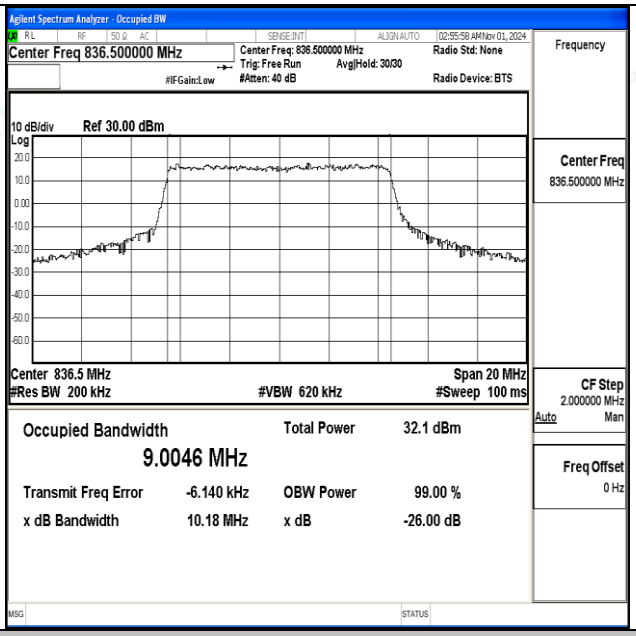
Band5-5MHz-16QAM-20625-25RB#0-PASS



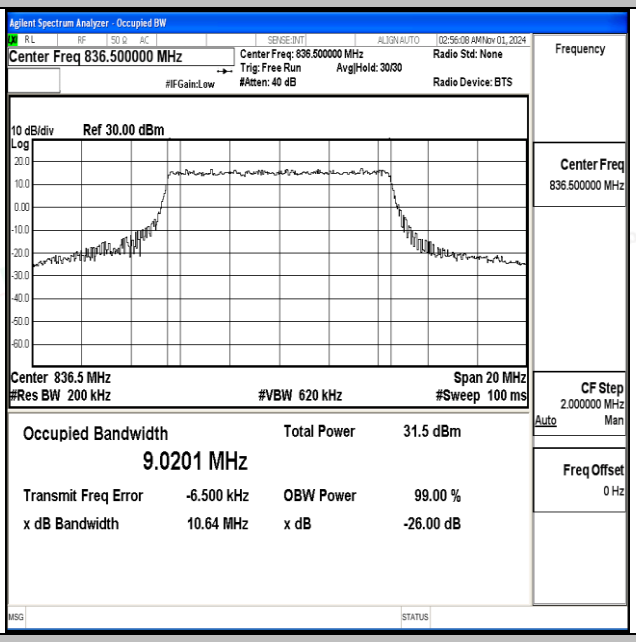
Band5-10MHz-QPSK-20450-50RB#0-PASS



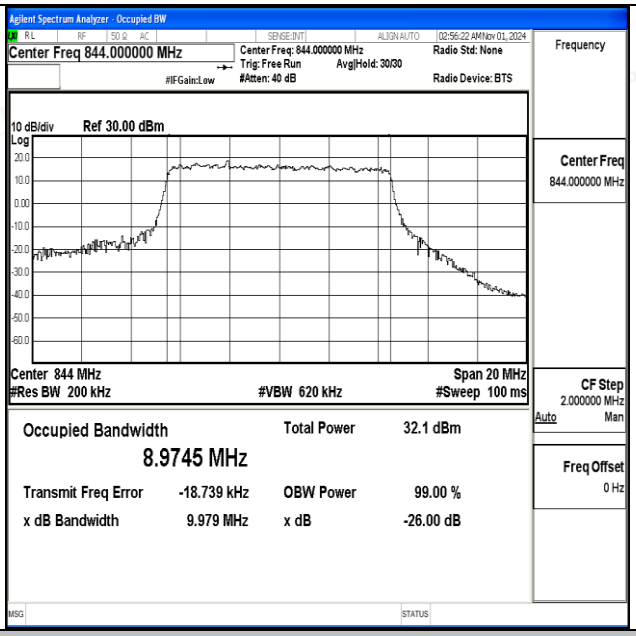
Band5-10MHz-16QAM-20450-50RB#0-PASS



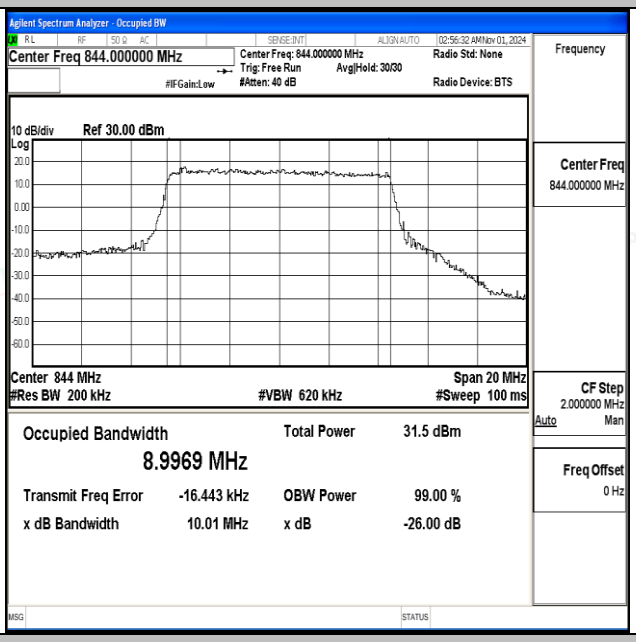
Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



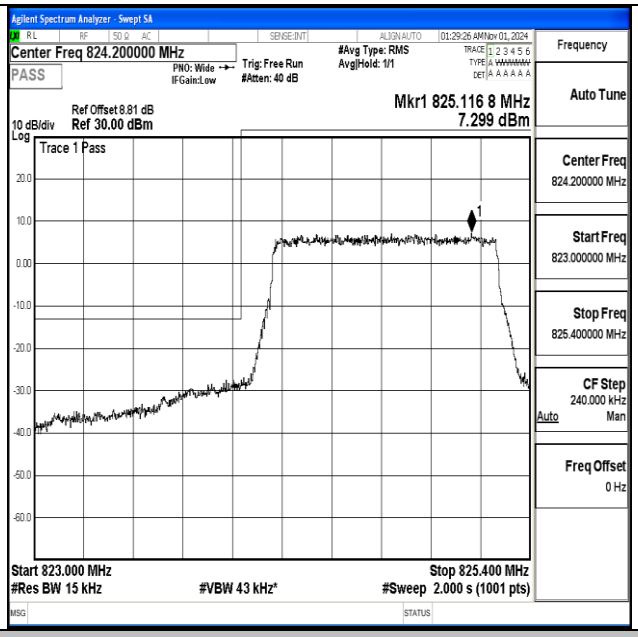
Band5-10MHz-16QAM-20600-50RB#0-PASS

C.4 Band Edge

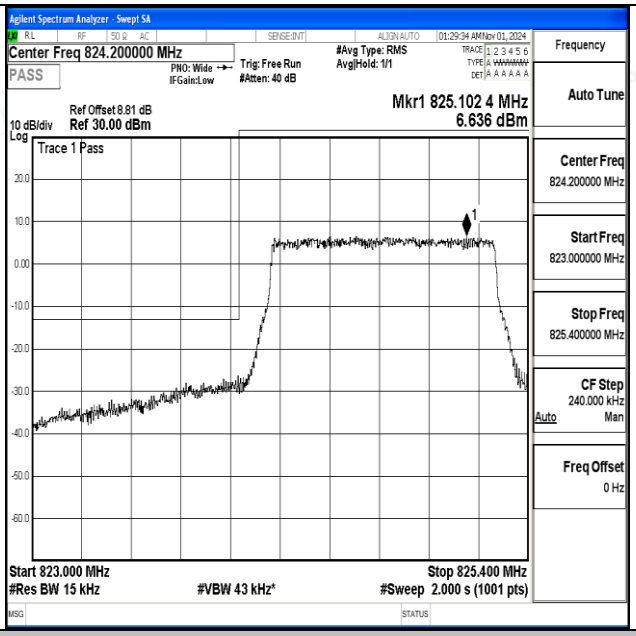
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.00	-37.88	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.00	-37.67	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	847.60	-26.58	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	847.60	-27.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.00	-34.10	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.00	-33.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	846.00	-22.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	846.00	-22.66	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.00	-33.23	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.00	-33.13	PASS
Band5	5MHz	QPSK	20625	25RB#0	844.01	-27.54	PASS
Band5	5MHz	16QAM	20625	25RB#0	844.01	-27.28	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.00	-35.55	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.00	-35.89	PASS
Band5	10MHz	QPSK	20600	50RB#0	839.01	-31.61	PASS
Band5	10MHz	16QAM	20600	50RB#0	839.01	-30.01	PASS

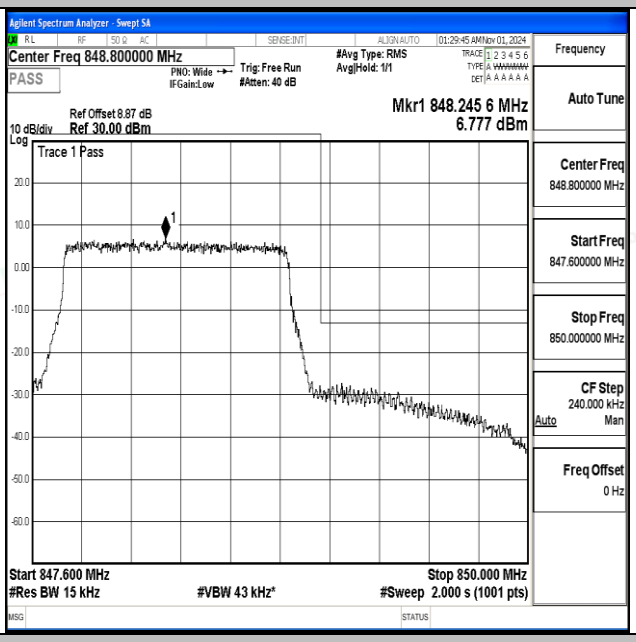
Test Graphs



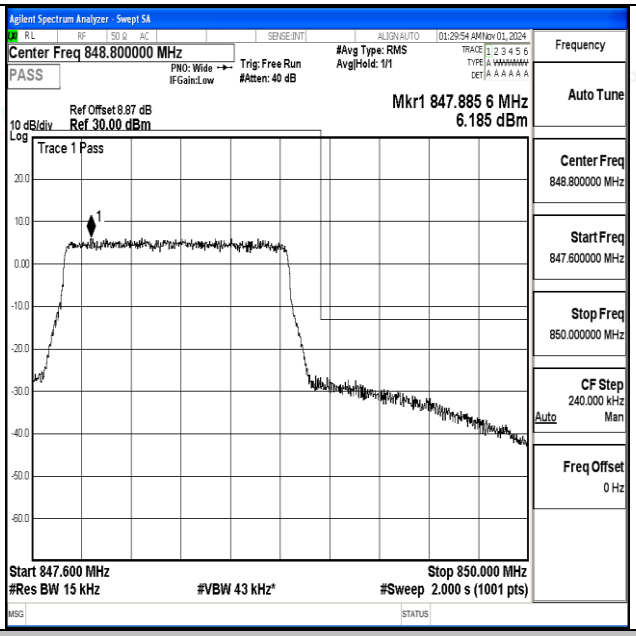
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



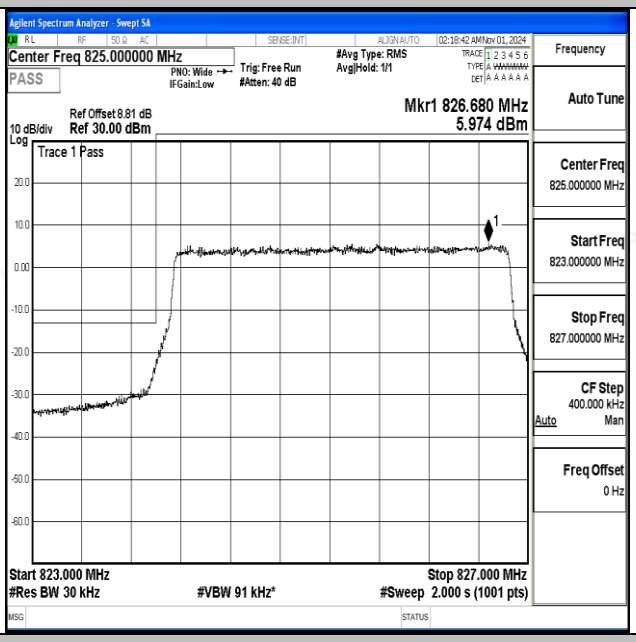
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



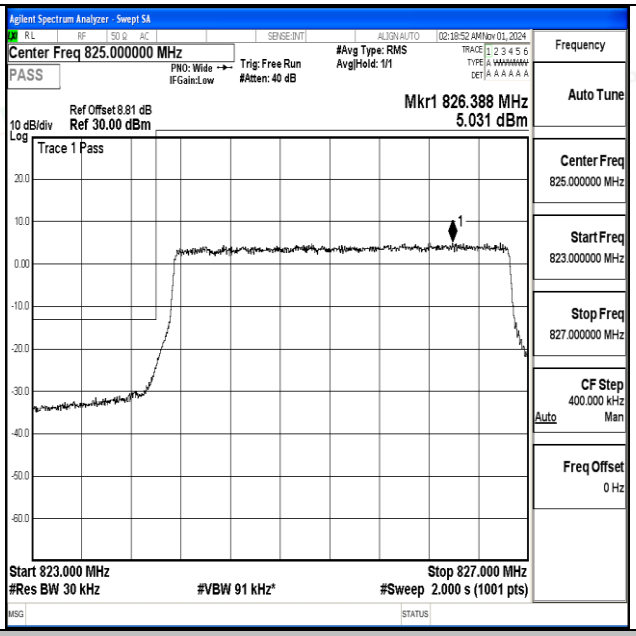
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



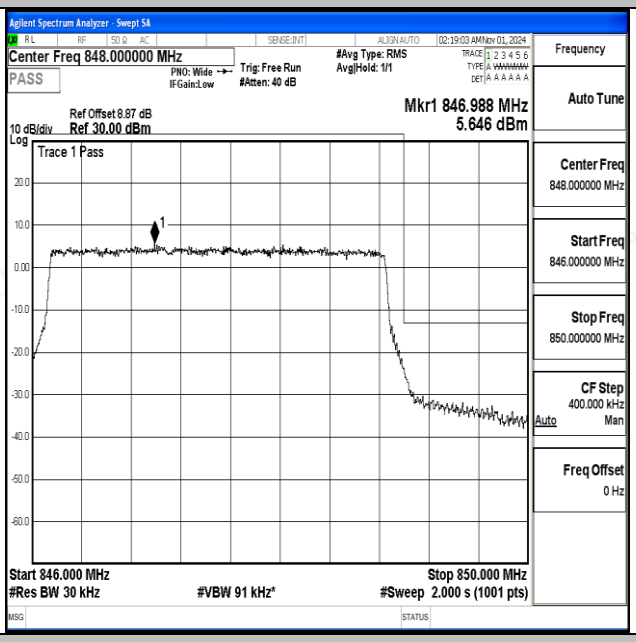
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



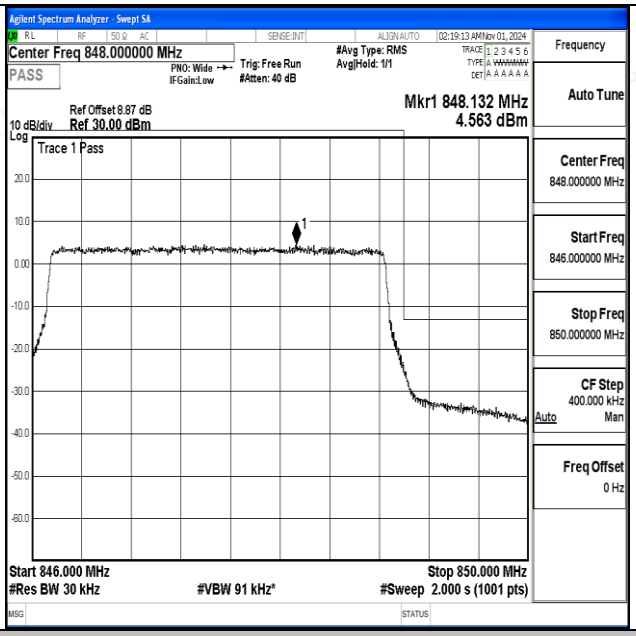
Band5-3MHz-QPSK-20415-15RB#0-PASS



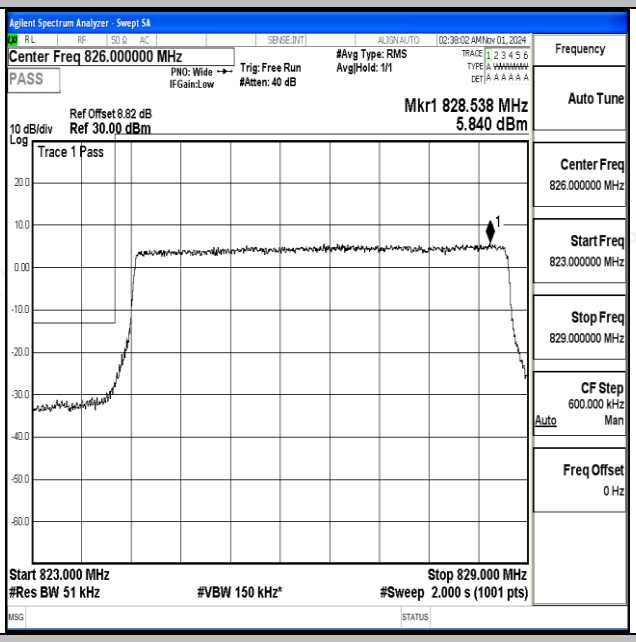
Band5-3MHz-16QAM-20415-15RB#0-PASS



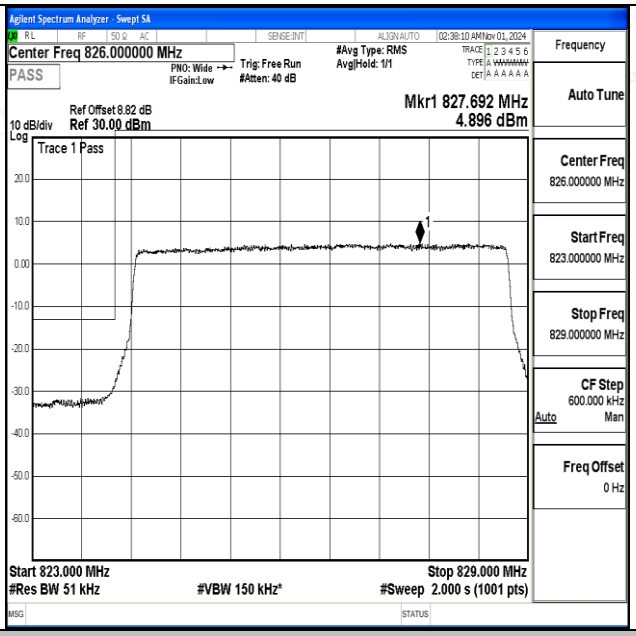
Band5-3MHz-QPSK-20635-15RB#0-PASS



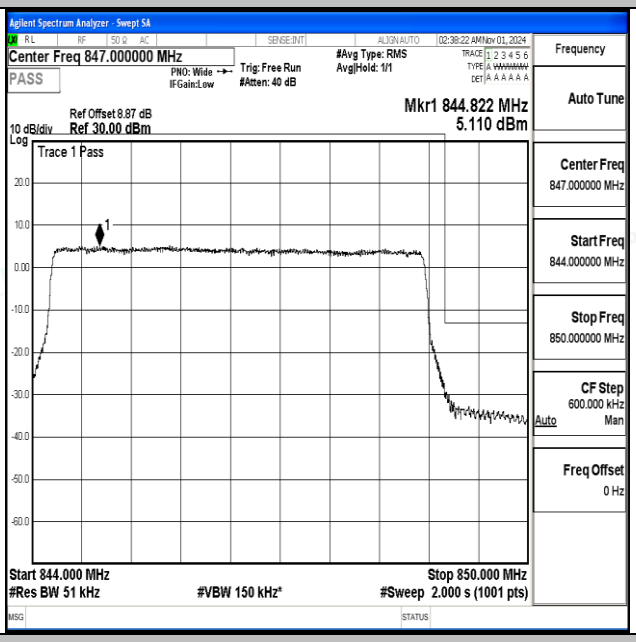
Band5-3MHz-16QAM-20635-15RB#0-PASS



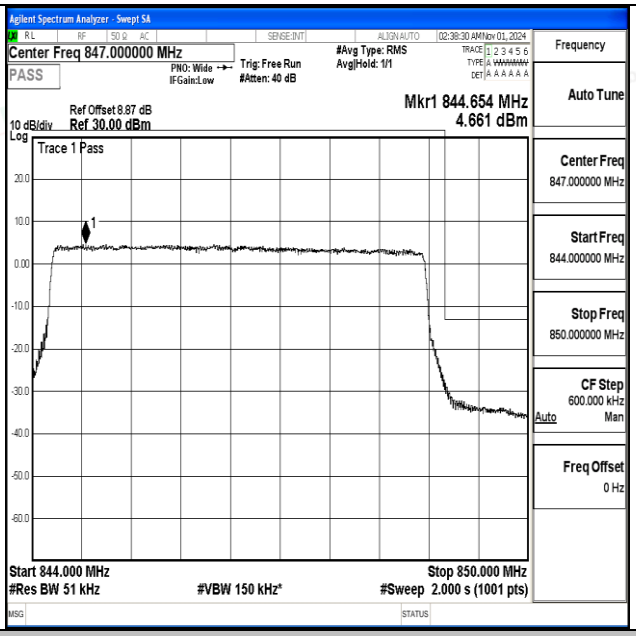
Band5-5MHz-QPSK-20425-25RB#0-PASS



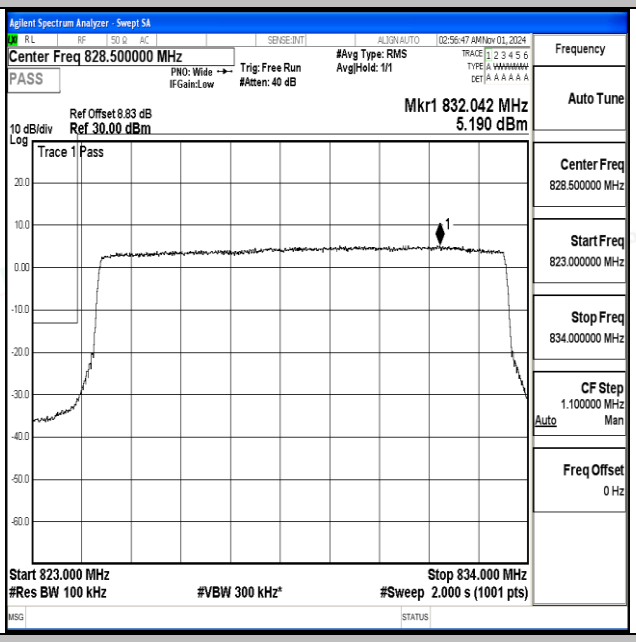
Band5-5MHz-16QAM-20425-25RB#0-PASS



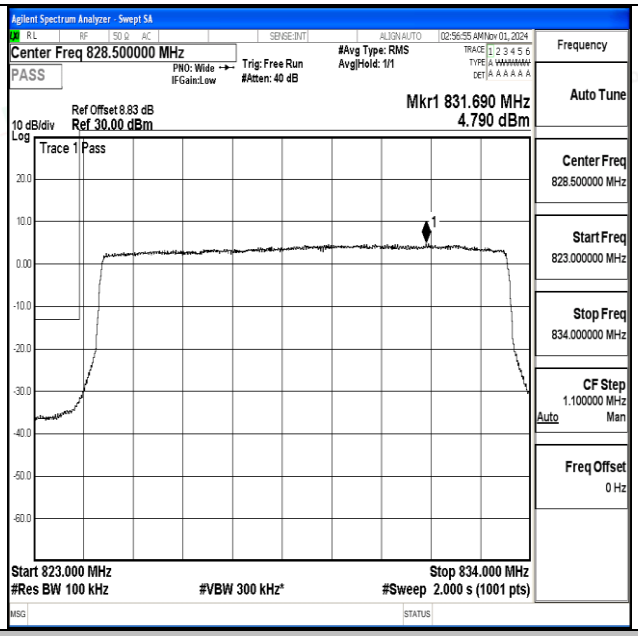
Band5-5MHz-QPSK-20625-25RB#0-PASS



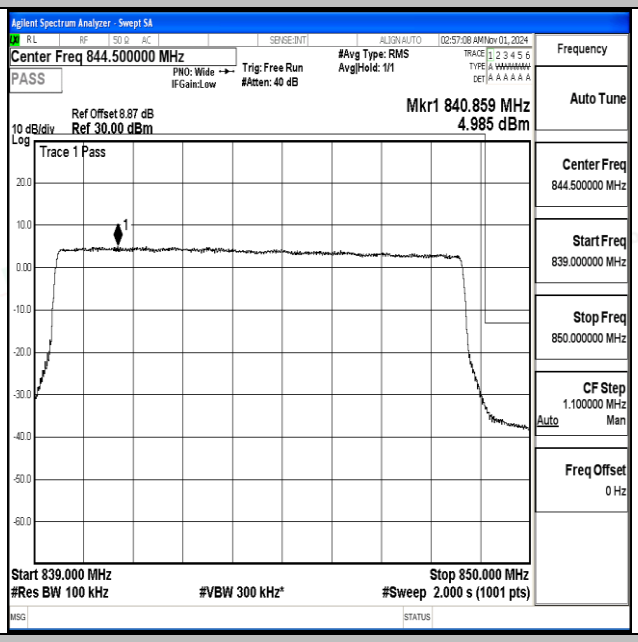
Band5-5MHz-16QAM-20625-25RB#0-PASS



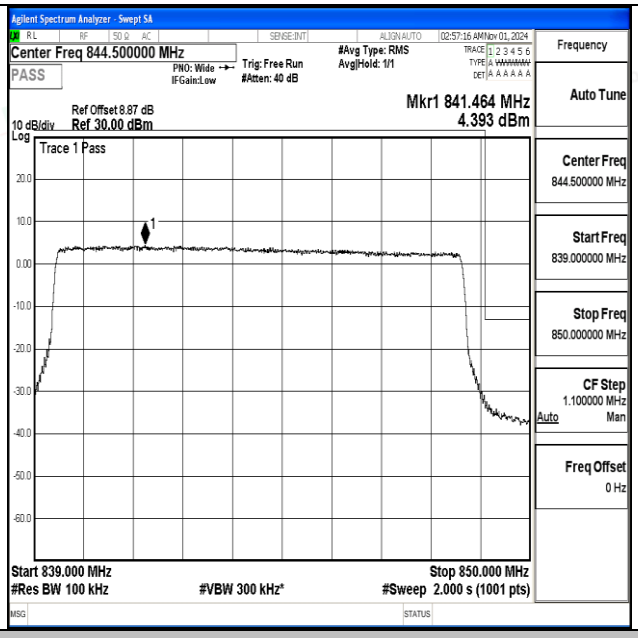
Band5-10MHz-QPSK-20450-50RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

C.5 Conducted Spurious Emission

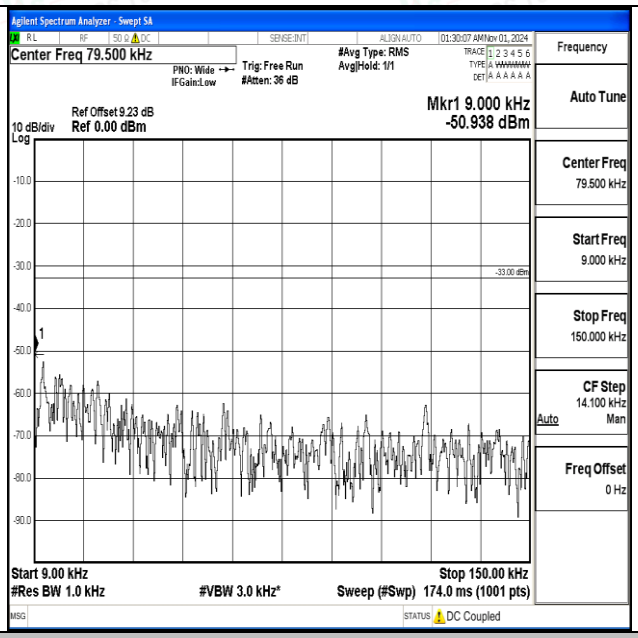
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-50.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-63.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-45.03	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-46.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-52.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-61.02	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-44.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-43.55	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-46.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-53.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-63.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-46.86	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-44.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-46.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-54.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-63.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-43.26	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-46.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-50.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-61.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-43.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-46.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-51.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-61.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-42.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-44.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-46.74	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-52.53	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-61.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.18	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-42.89	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-46.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-49.91	PASS

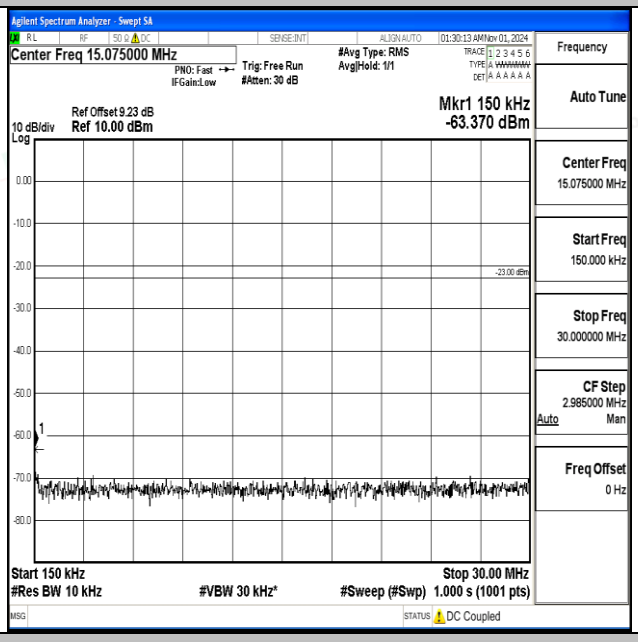
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-61.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-46.93	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-43.80	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-46.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-54.02	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-63.13	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-48.72	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-44.18	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-46.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-53.50	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-61.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-48.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-44.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-46.85	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-53.24	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-62.95	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-45.37	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-42.57	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-46.70	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-54.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-61.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-50.51	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.65	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-46.60	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-48.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-62.47	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-57.41	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-43.32	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-46.70	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-52.21	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-62.32	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-57.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.68	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-46.52	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-51.16	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-63.35	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-57.53	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-44.23	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-46.70	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-49.67	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-60.71	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.36	PASS

Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.87	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-46.47	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-53.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-63.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-57.34	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-44.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-46.73	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-53.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-61.60	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-58.69	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-44.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-46.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-50.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-62.39	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-59.52	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-46.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-54.31	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-61.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-59.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-46.61	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-53.58	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-63.10	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-59.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-44.34	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-46.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-52.72	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-63.04	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-59.82	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-43.97	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-46.41	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-50.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-61.38	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-59.37	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-43.77	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-46.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-53.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-61.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-59.91	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.53	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-46.88	PASS

Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-QPSK-20407-1RB#0-0.15~30-PASS