Appendix H: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: ZG65 Pro

Environmental Conditions

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

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.88	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.02	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.44	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.02	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.43	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.12	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.34	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.16	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.06	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.86	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.06	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.55	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.06	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.55	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.16	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.48	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.17	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.80	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.64	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.02	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.47	PASS

Band5	1.4MHz	QPSK	20643	3RB#1	22.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.46	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.54	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.97	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.12	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.74	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.29	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.49	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.33	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.51	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.36	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.83	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.49	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.88	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.54	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.97	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.58	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.66	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.21	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.86	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.64	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.87	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.77	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.83	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.56	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.81	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.55	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.98	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.59	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.03	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.63	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.25	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.76	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.12	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.63	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.12	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.23	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.99	PASS

Band5	3MHz	QPSK	20635	8RB#0	21.87	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.58	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.00	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.57	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.88	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.49	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.39	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.77	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.62	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.75	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.59	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.72	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.70	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.91	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.26	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.76	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.38	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.58	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.83	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.38	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.59	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.76	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.55	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.86	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.55	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.33	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.93	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.44	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.96	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.43	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.88	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.49	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.81	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.37	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.62	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.34	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.55	PASS

Band5	5MHz	QPSK	20625	1RB#24	22.56	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.99	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.17	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.42	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.09	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.44	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.96	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.08	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.49	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.73	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.39	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.78	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.51	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.93	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.46	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.83	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.32	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.70	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.34	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.36	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.81	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.49	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.84	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.62	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.07	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.80	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.04	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.61	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.83	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.62	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.05	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.67	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.91	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.44	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.86	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.97	PASS

Band5	10MHz	QPSK	20600	1RB#24	22.78	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.92	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.49	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.54	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.09	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.52	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.94	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.53	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.98	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.65	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.02	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.51	PASS

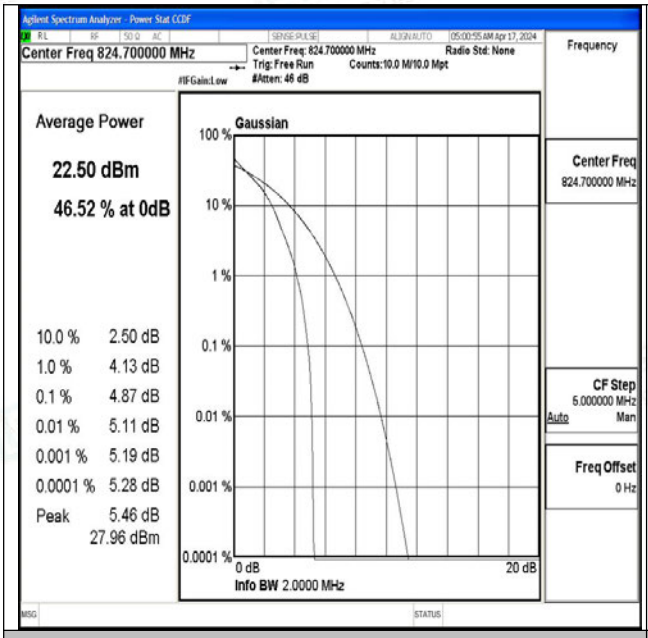
H.2 Peak-to-Average Ratio(CCDF)

Test Result

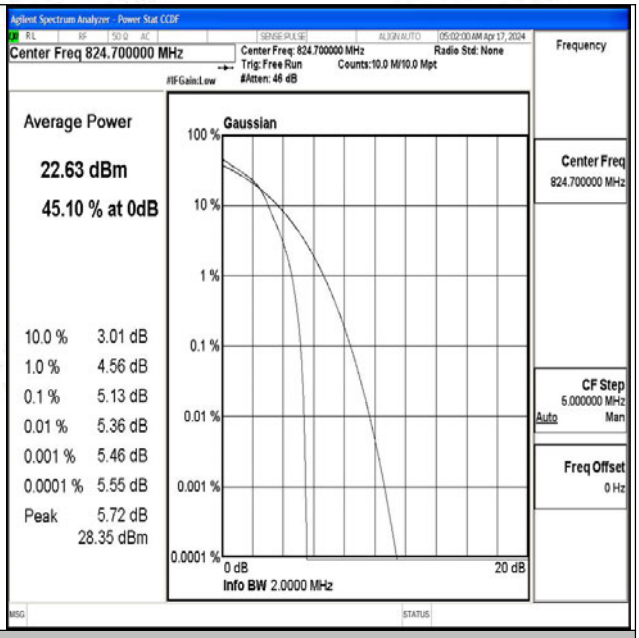
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.87	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.13	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.16	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.72	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.42	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.99	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.07	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.78	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.71	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.98	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.73	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.63	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.31	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.77	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.20	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.45	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.15	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.00	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.94	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.58	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.72	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.24	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.88	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.30	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.53	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.14	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.17	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.54	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.32	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.90	13	PASS

Band5	10MHz	QPSK	20450	1RB#0	5.09	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.54	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.76	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.60	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.79	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.93	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.31	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.96	13	PASS

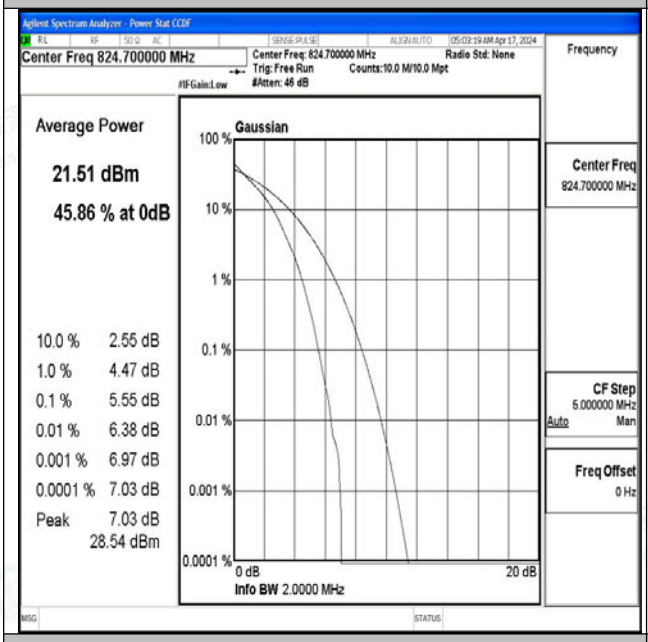
Test Graphs



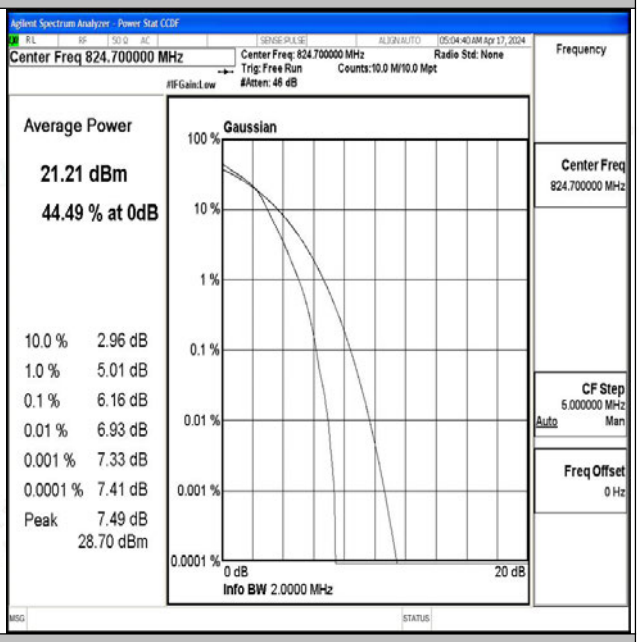
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



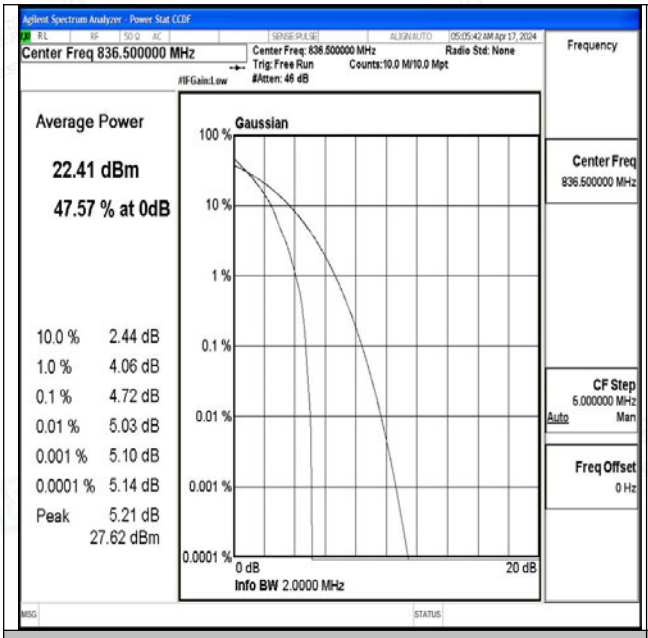
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



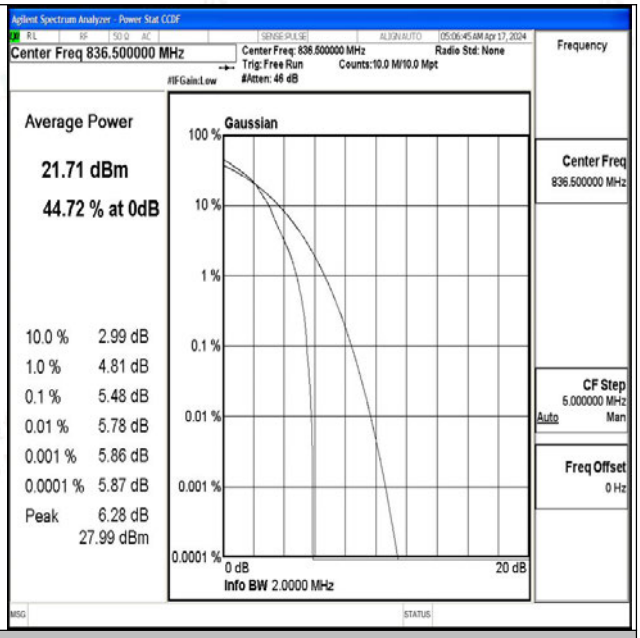
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



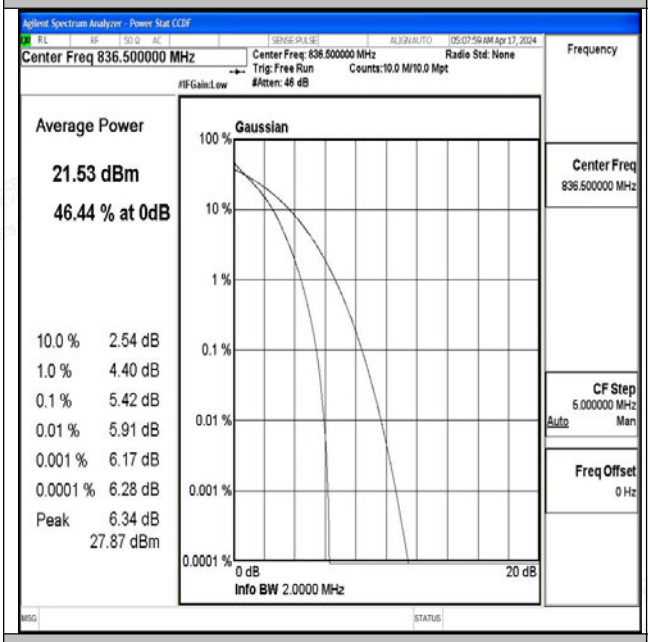
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



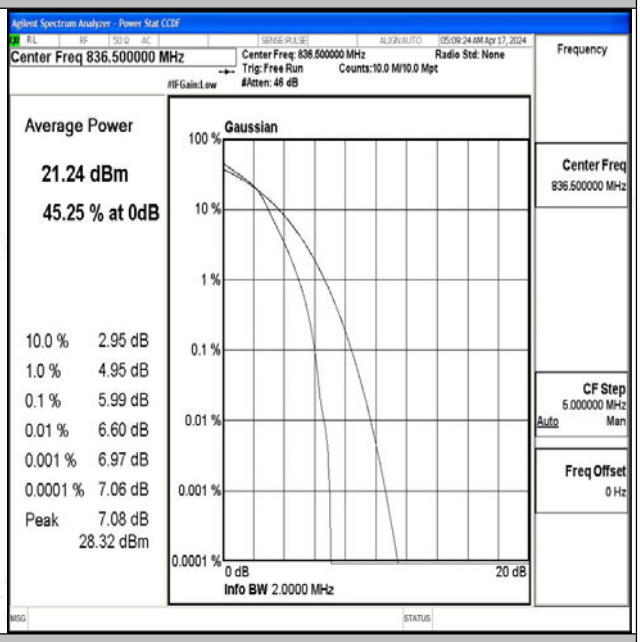
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



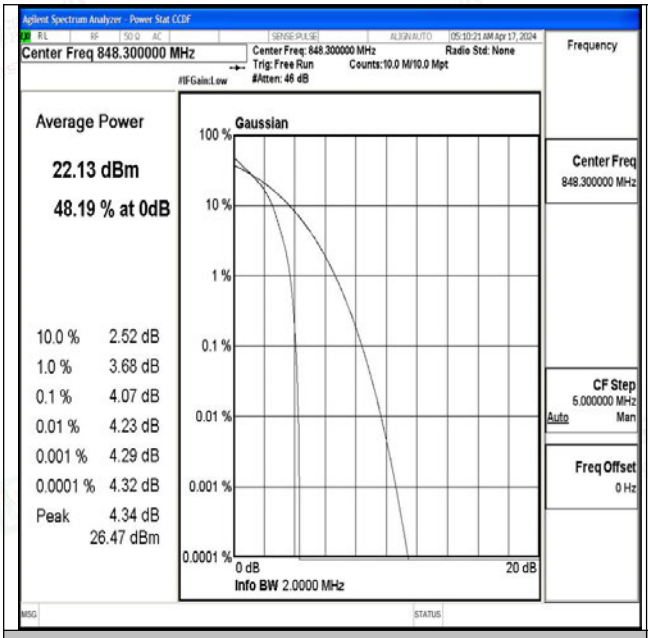
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



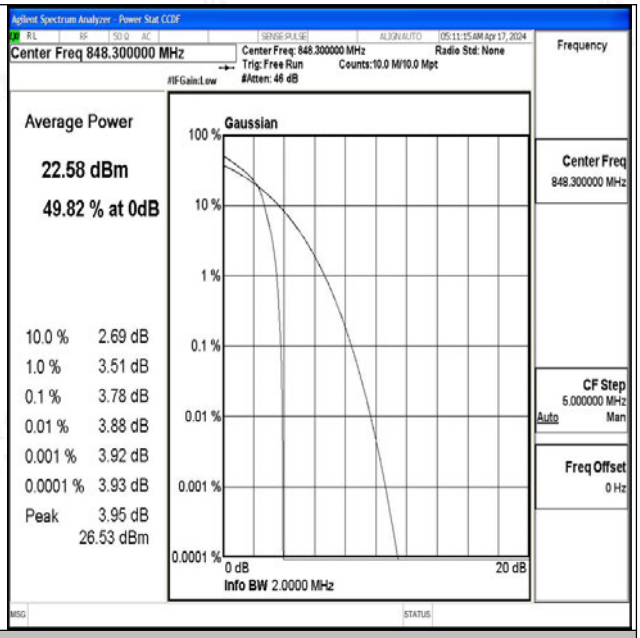
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



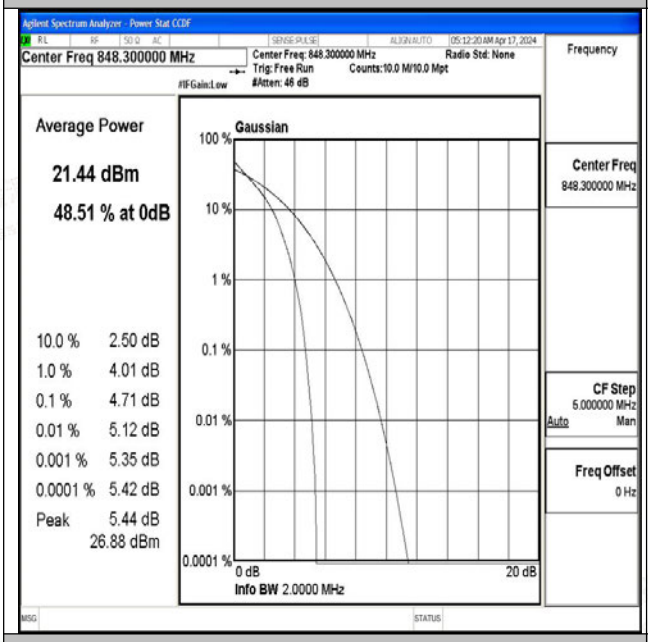
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



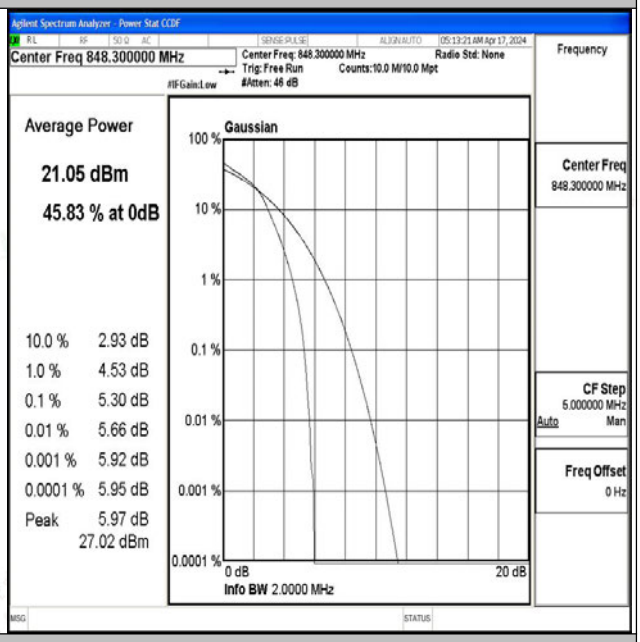
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



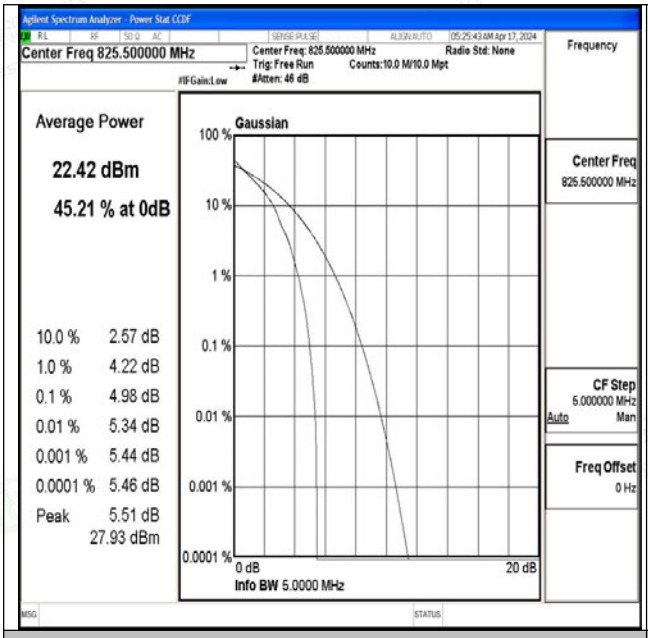
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



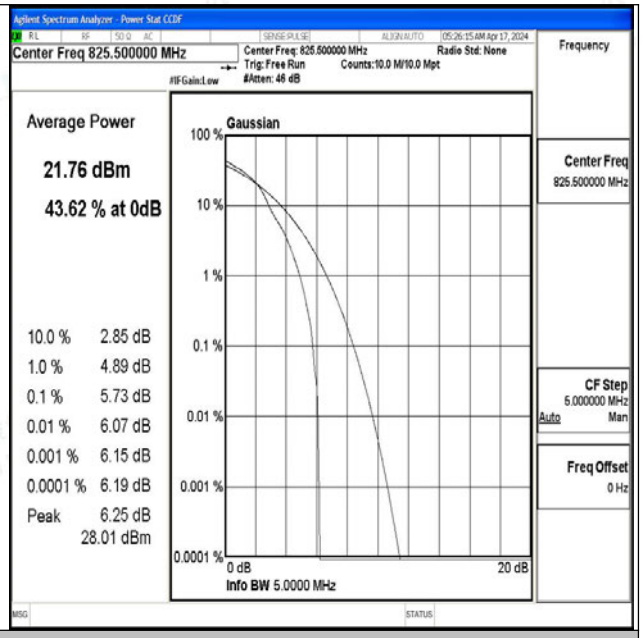
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



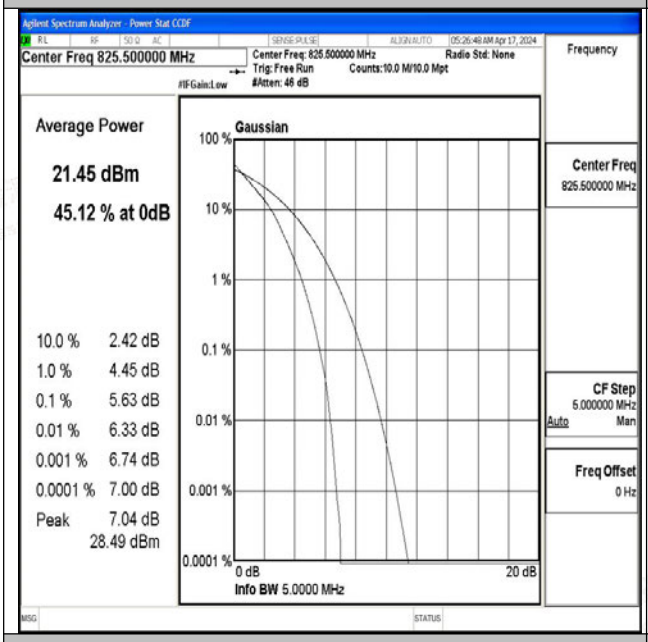
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



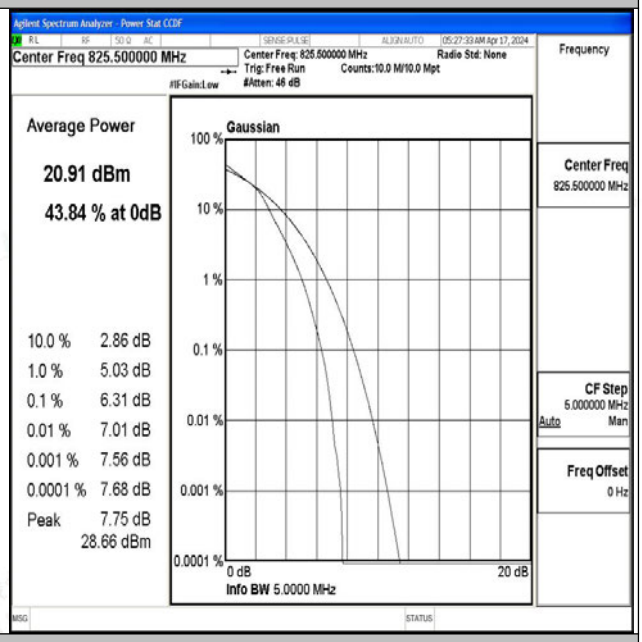
Band5-3MHz-QPSK-20415-1RB#0-PASS



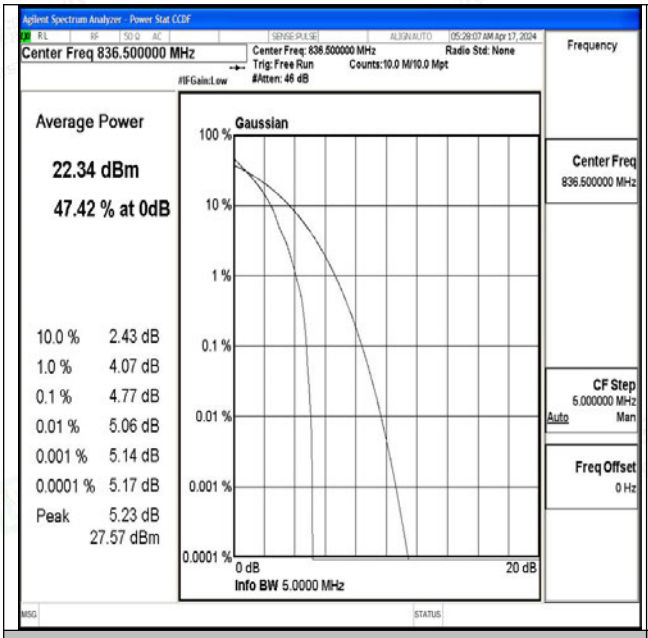
Band5-3MHz-16QAM-20415-1RB#0-PASS



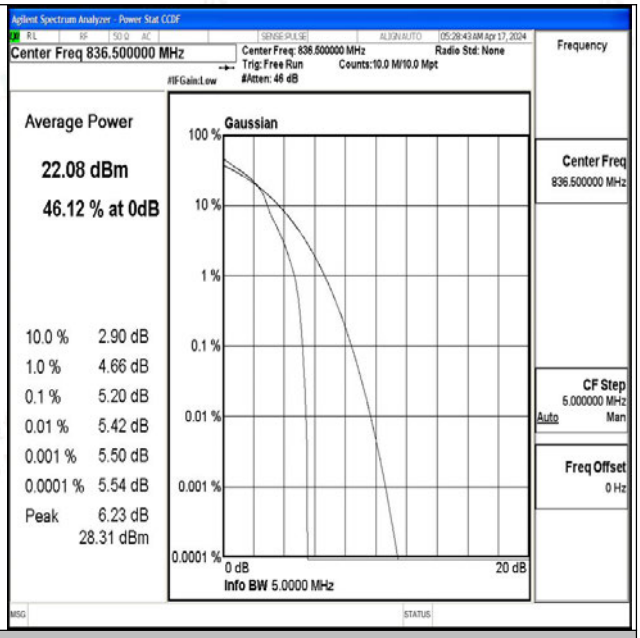
Band5-3MHz-QPSK-20415-15RB#0-PASS



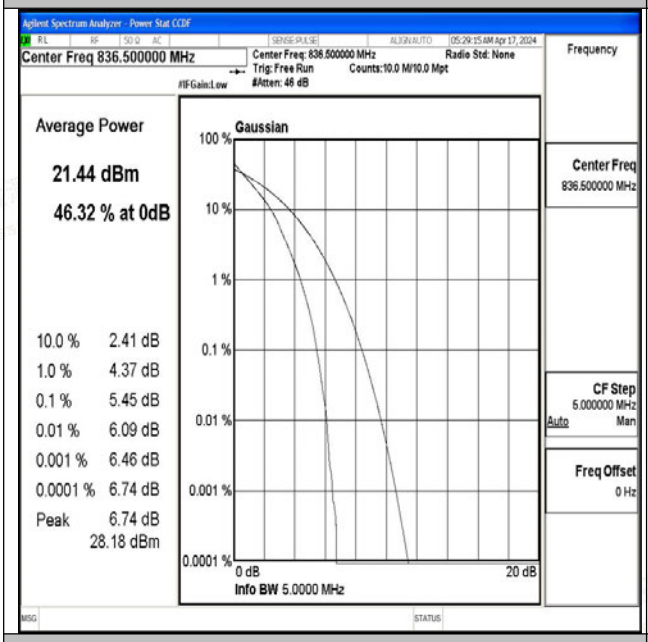
Band5-3MHz-16QAM-20415-15RB#0-PASS



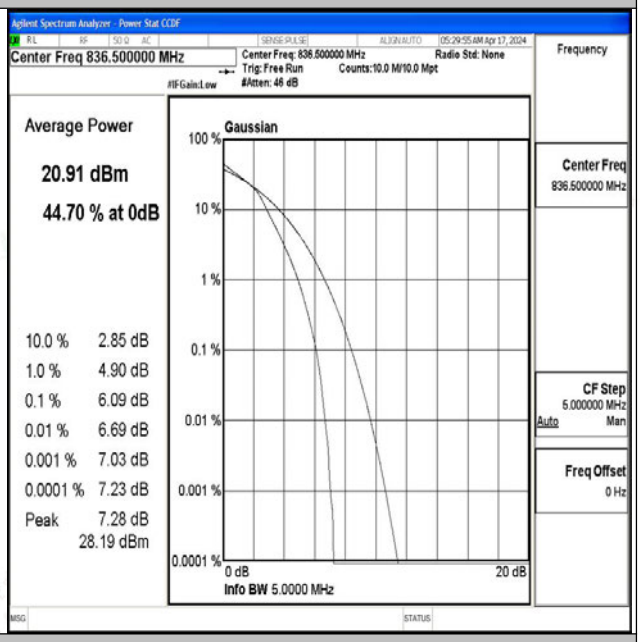
Band5-3MHz-QPSK-20525-1RB#0-PASS



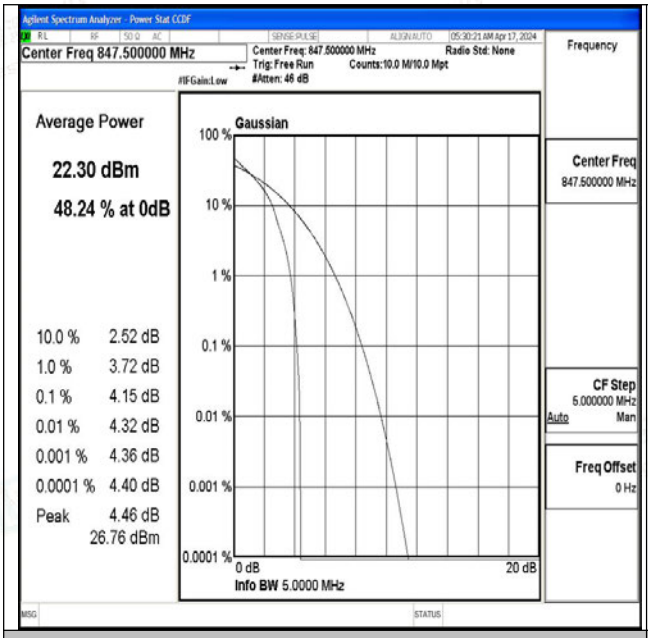
Band5-3MHz-16QAM-20525-1RB#0-PASS



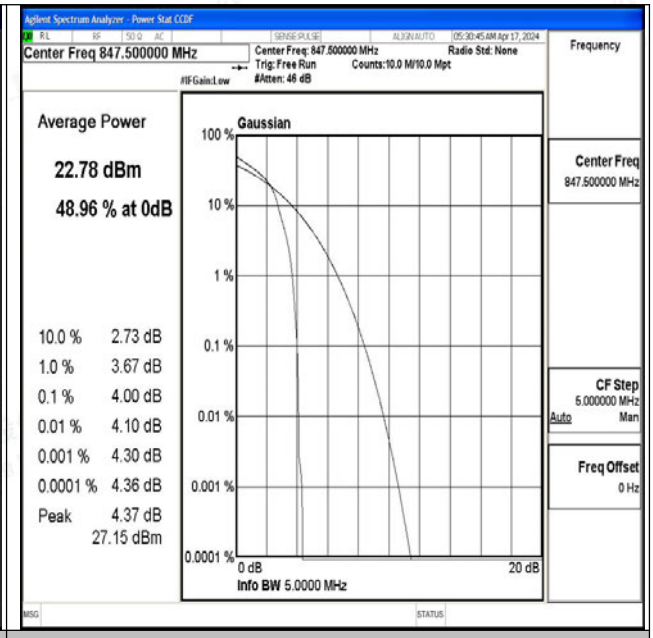
Band5-3MHz-QPSK-20525-15RB#0-PASS



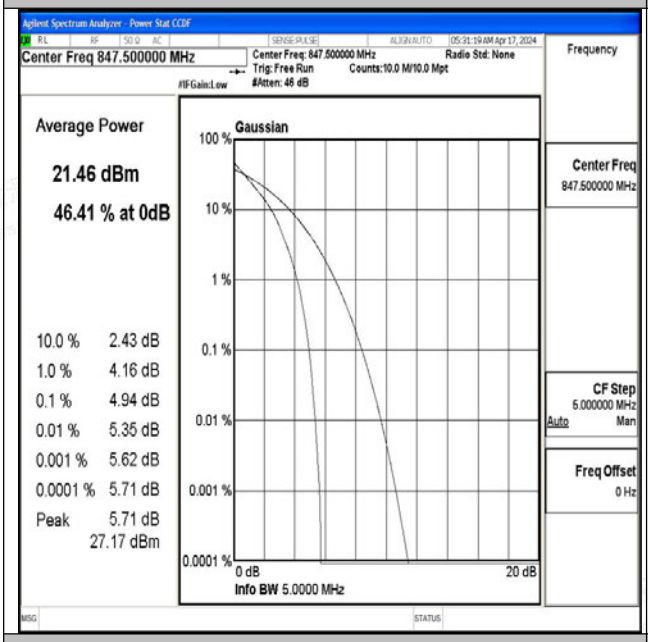
Band5-3MHz-16QAM-20525-15RB#0-PASS



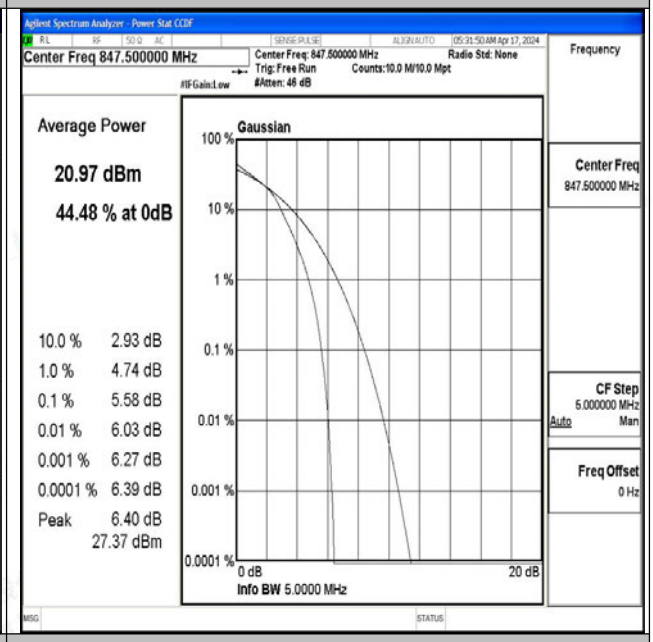
Band5-3MHz-QPSK-20635-1RB#0-PASS



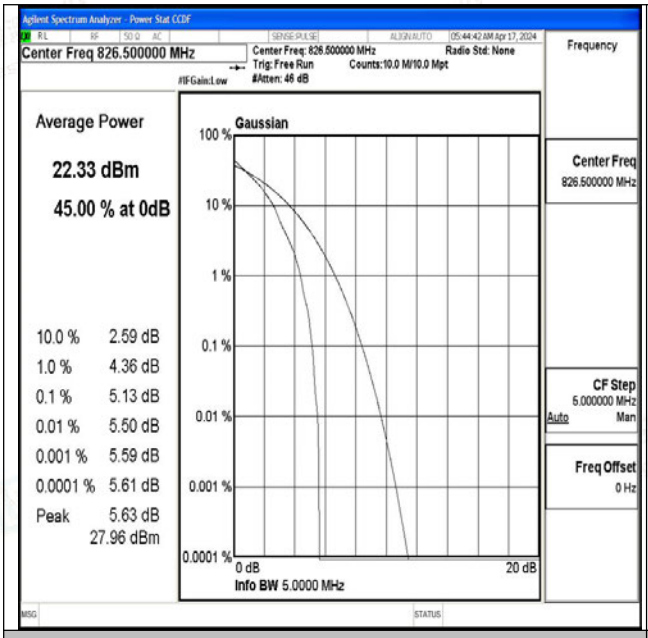
Band5-3MHz-16QAM-20635-1RB#0-PASS



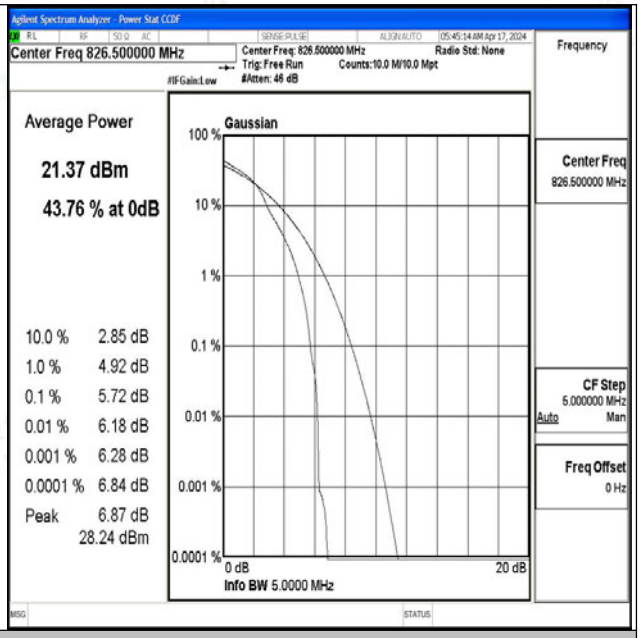
Band5-3MHz-QPSK-20635-15RB#0-PASS



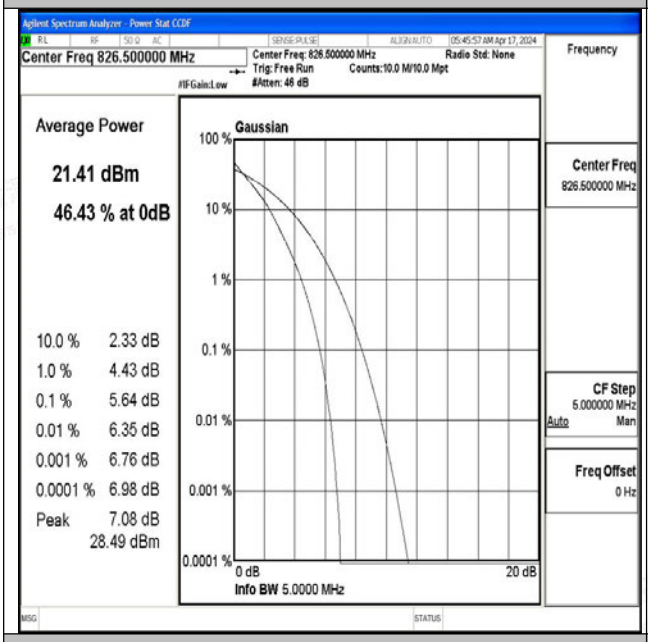
Band5-3MHz-16QAM-20635-15RB#0-PASS



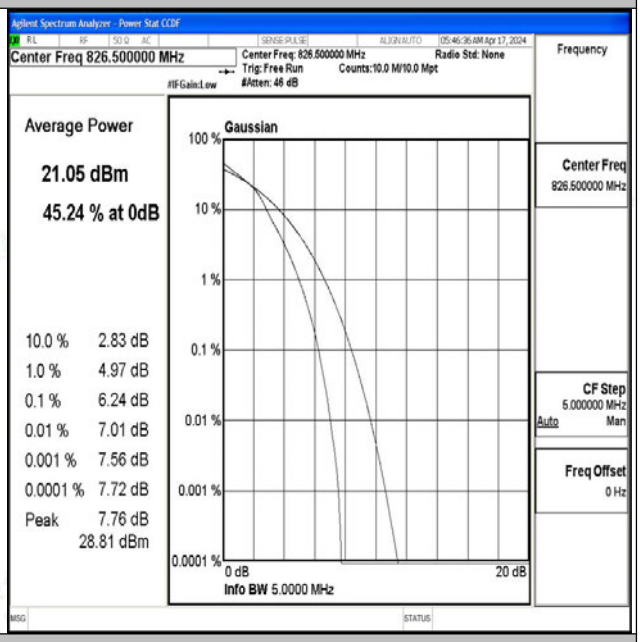
Band5-5MHz-QPSK-20425-1RB#0-PASS



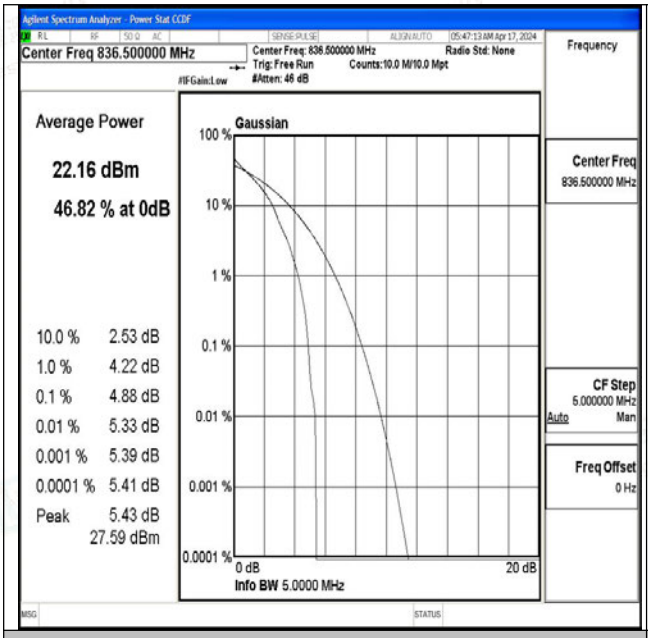
Band5-5MHz-16QAM-20425-1RB#0-PASS



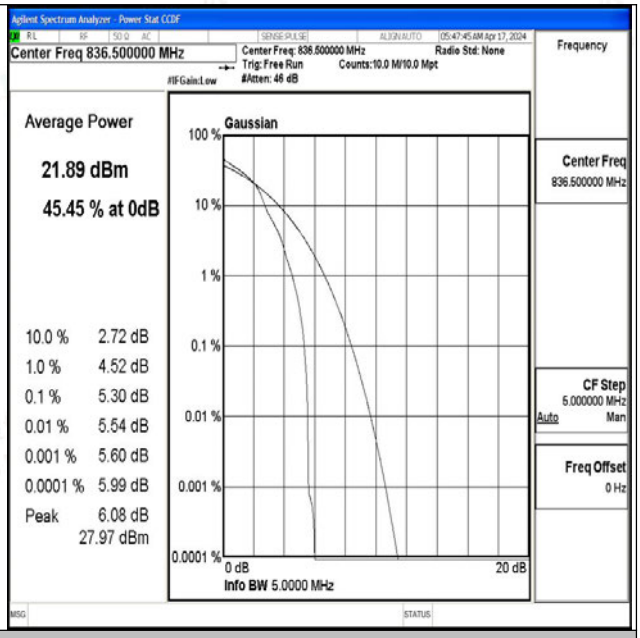
Band5-5MHz-QPSK-20425-25RB#0-PASS



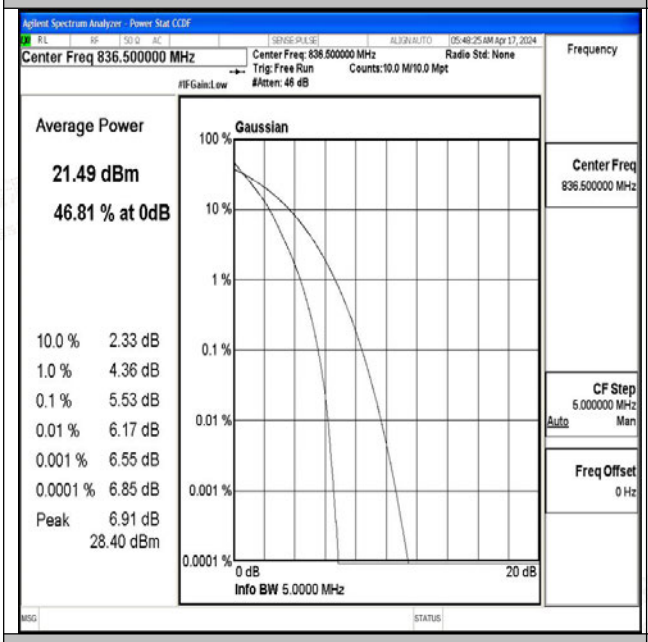
Band5-5MHz-16QAM-20425-25RB#0-PASS



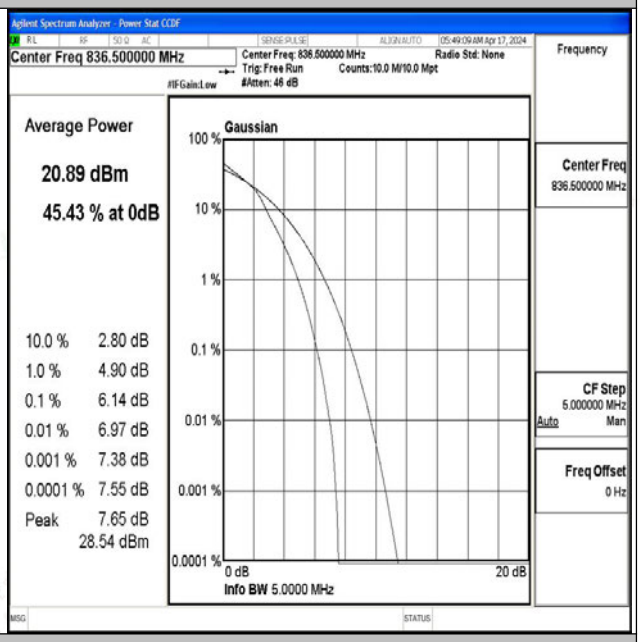
Band5-5MHz-QPSK-20525-1RB#0-PASS



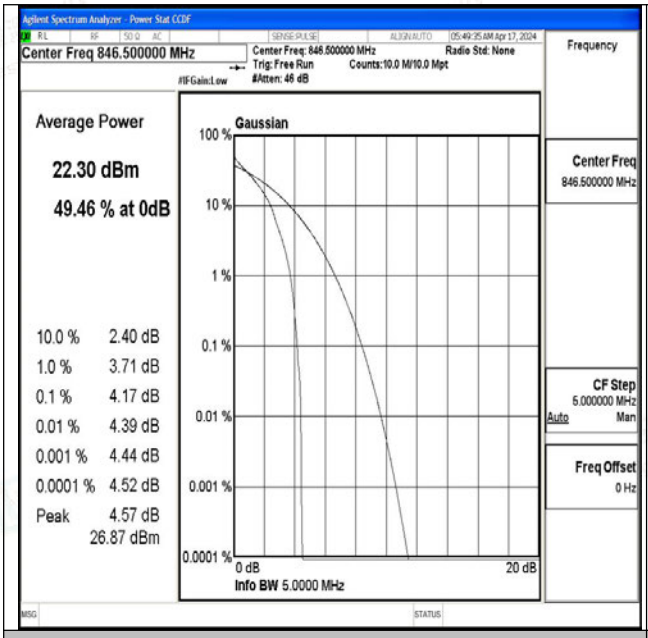
Band5-5MHz-16QAM-20525-1RB#0-PASS



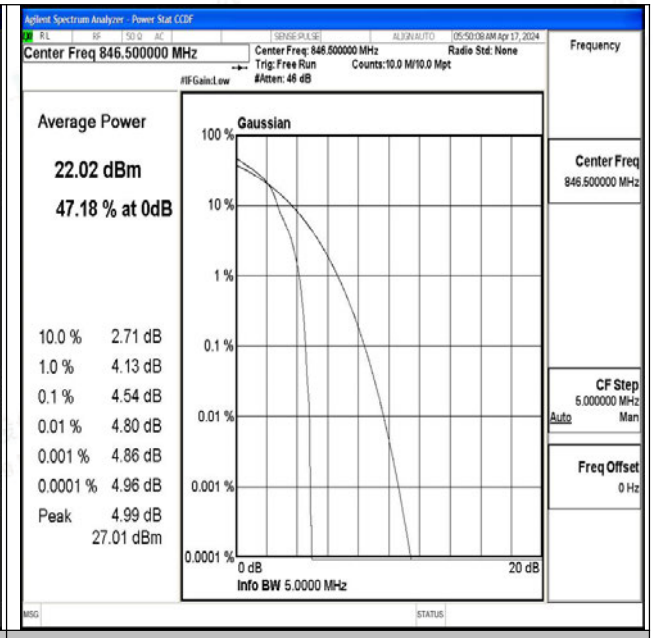
Band5-5MHz-QPSK-20525-25RB#0-PASS



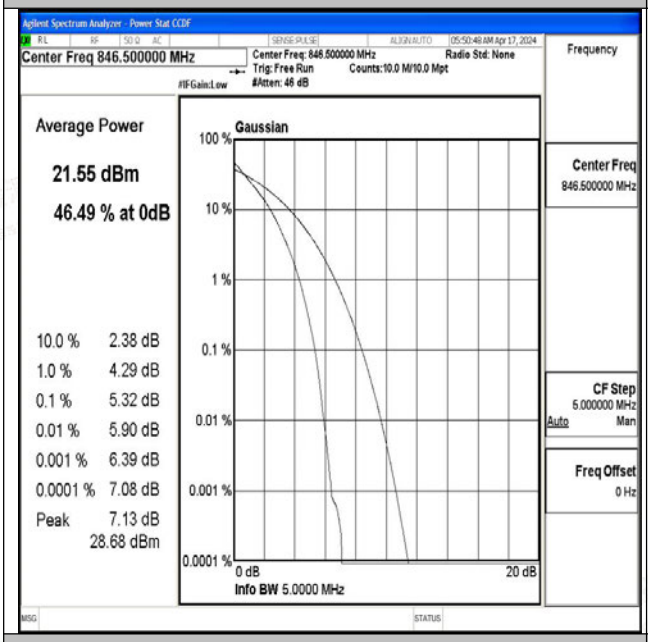
Band5-5MHz-16QAM-20525-25RB#0-PASS



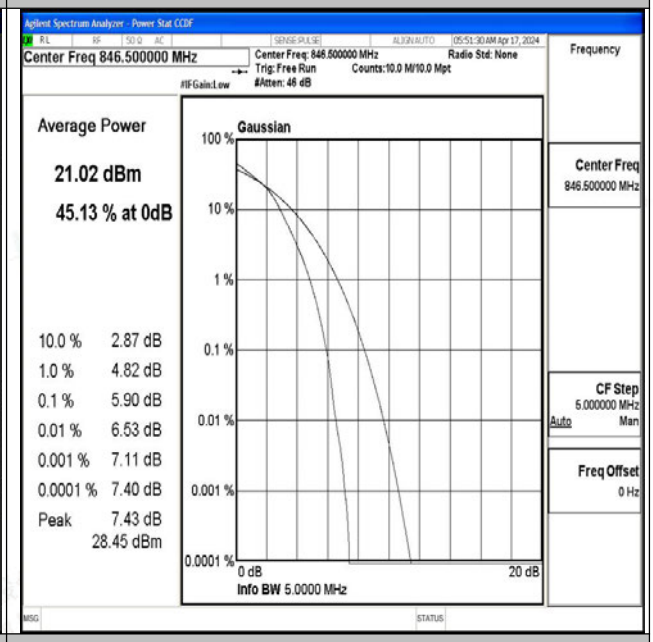
Band5-5MHz-QPSK-20625-1RB#0-PASS



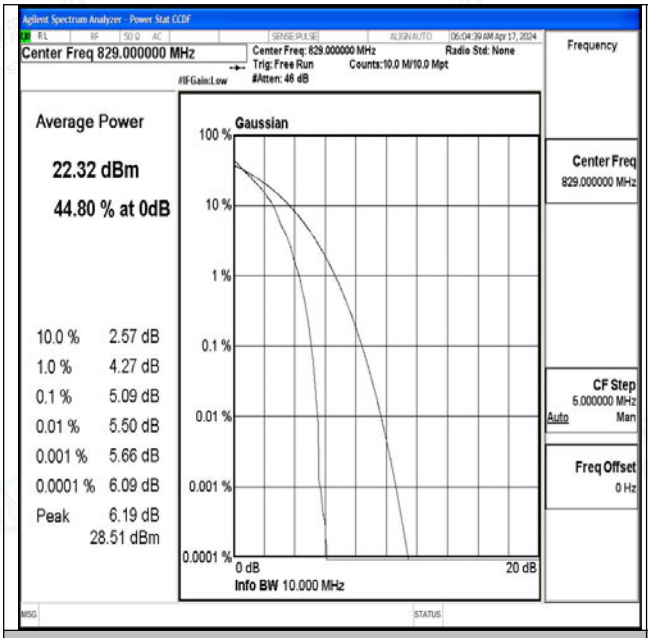
Band5-5MHz-16QAM-20625-1RB#0-PASS



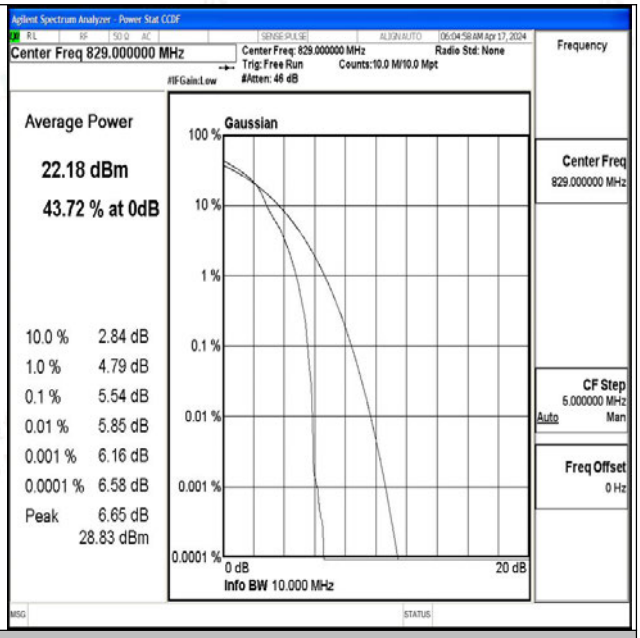
Band5-5MHz-QPSK-20625-25RB#0-PASS



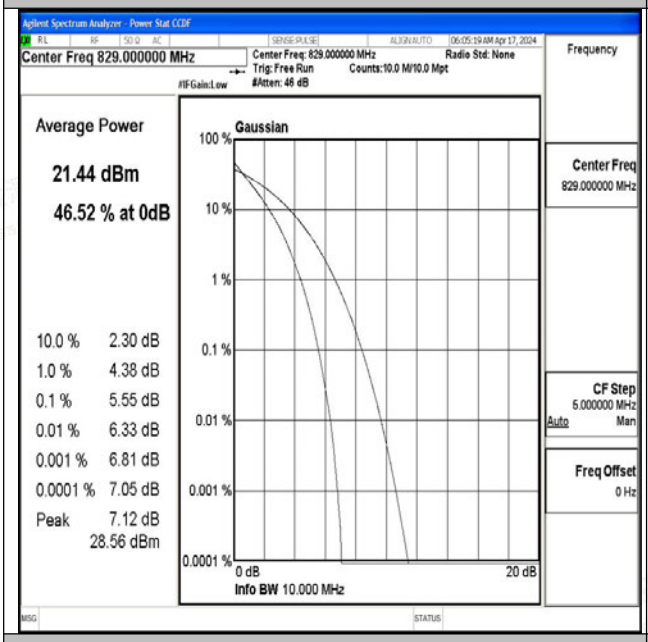
Band5-5MHz-16QAM-20625-25RB#0-PASS



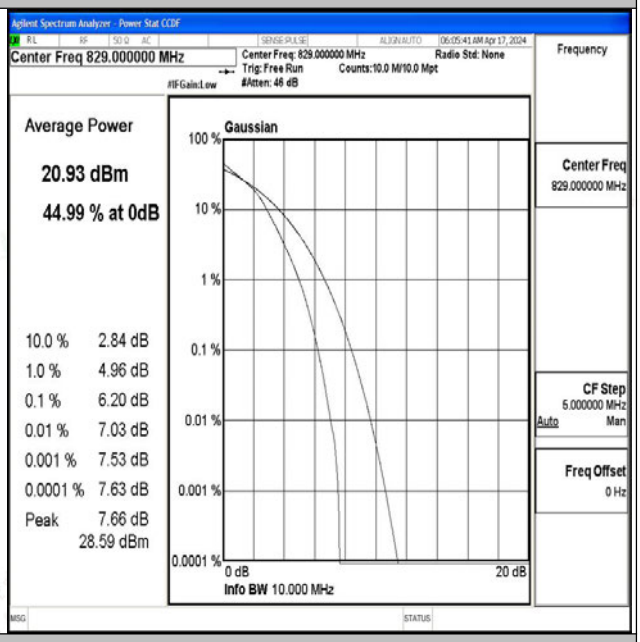
Band5-10MHz-QPSK-20450-1RB#0-PASS



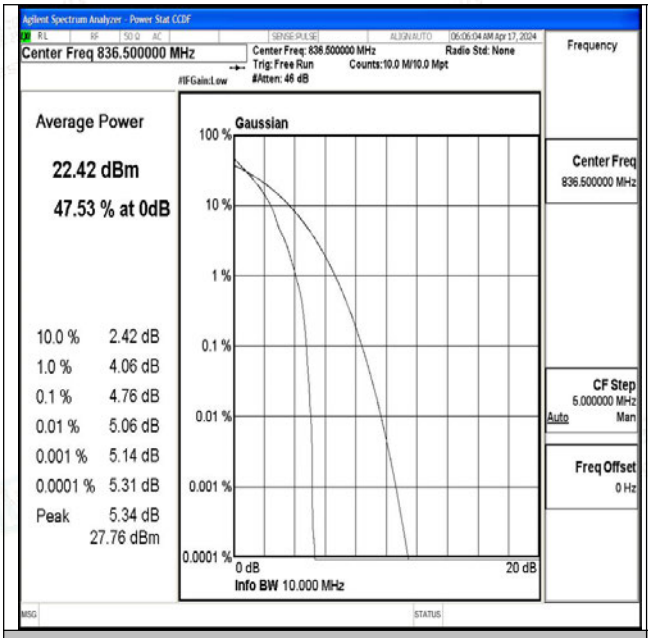
Band5-10MHz-16QAM-20450-1RB#0-PASS



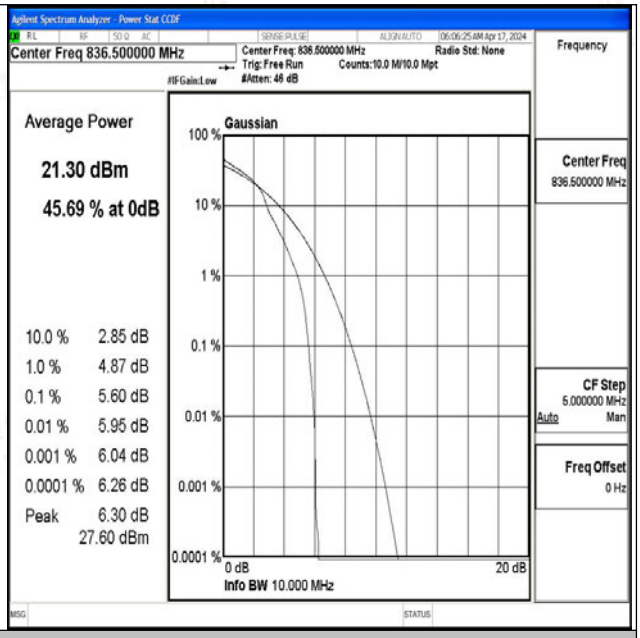
Band5-10MHz-QPSK-20450-50RB#0-PASS



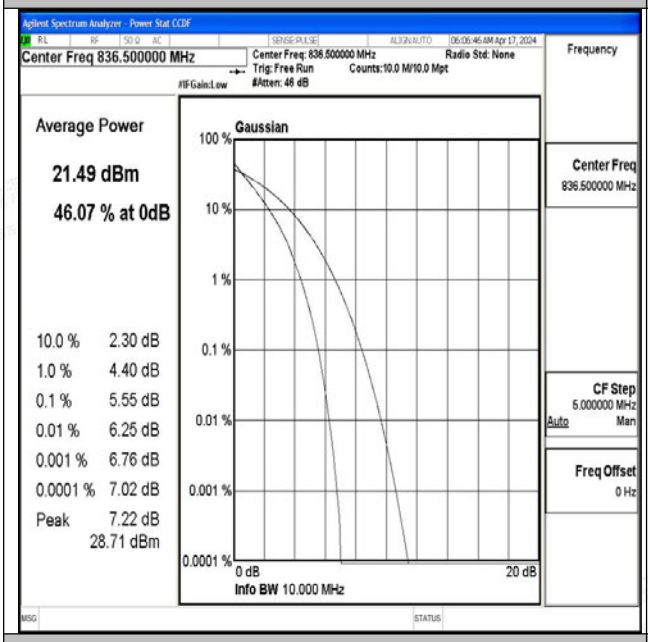
Band5-10MHz-16QAM-20450-50RB#0-PASS



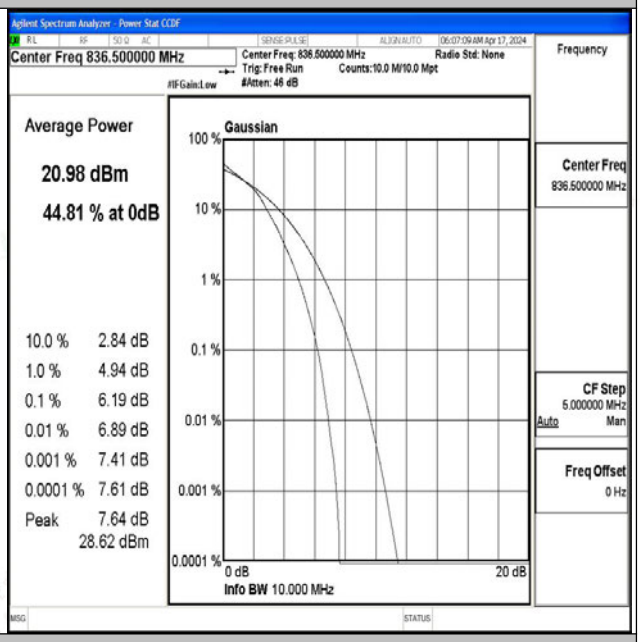
Band5-10MHz-QPSK-20525-1RB#0-PASS



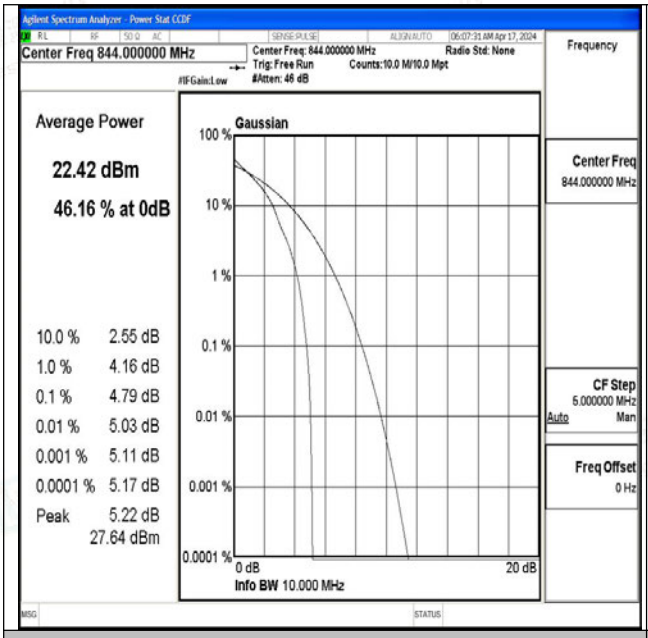
Band5-10MHz-16QAM-20525-1RB#0-PASS



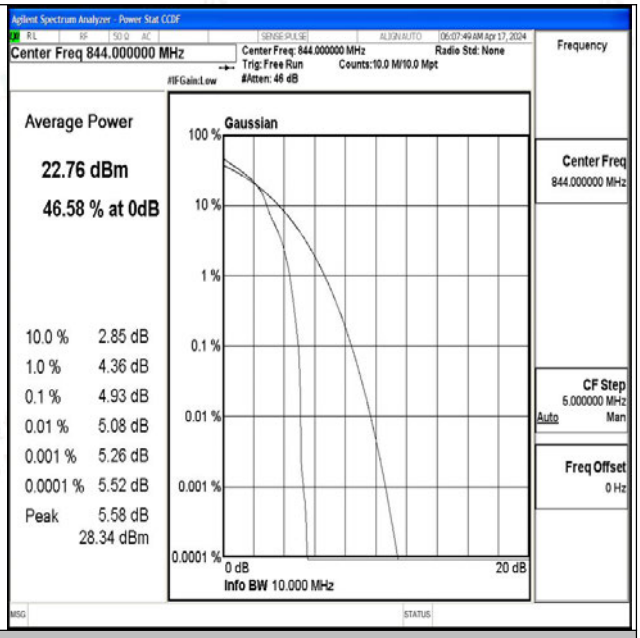
Band5-10MHz-QPSK-20525-50RB#0-PASS



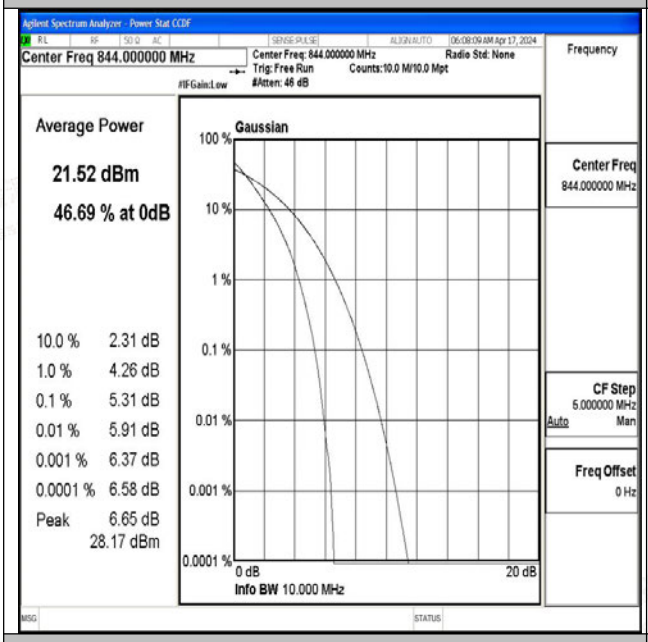
Band5-10MHz-16QAM-20525-50RB#0-PASS



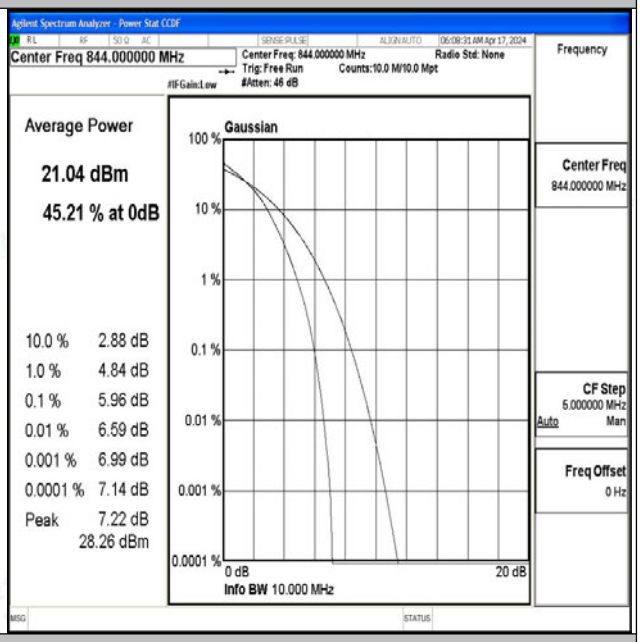
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



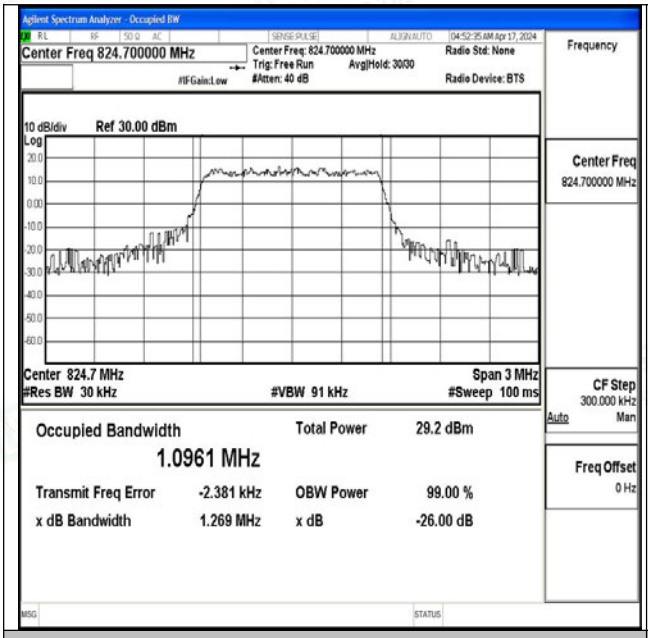
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.3 26dB Bandwidth and Occupied Bandwidth

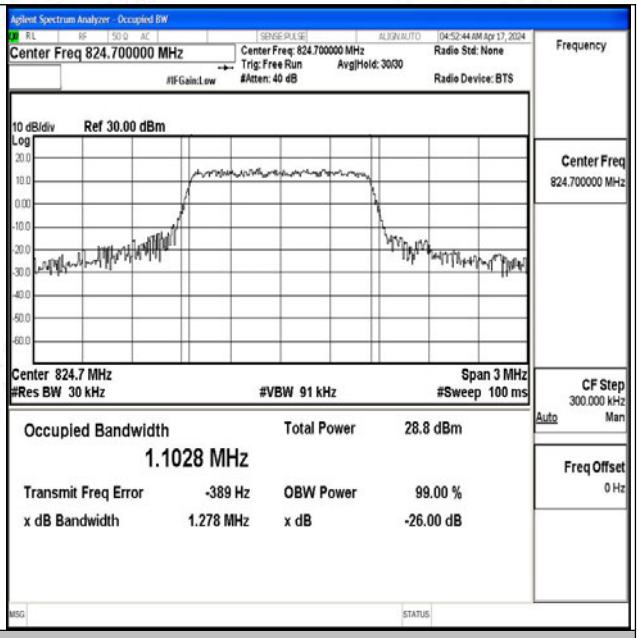
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0961	1.269	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1028	1.278	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1018	1.326	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1044	1.352	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0959	1.295	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0948	1.306	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7019	3.051	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7030	3.090	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7100	3.114	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7096	3.193	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7097	3.144	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7148	3.274	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5277	5.257	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5156	5.277	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5140	5.278	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5349	5.365	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5285	5.215	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5507	5.346	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9675	9.991	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9752	10.12	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9999	10.22	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0156	10.16	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9569	9.976	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9589	9.929	PASS

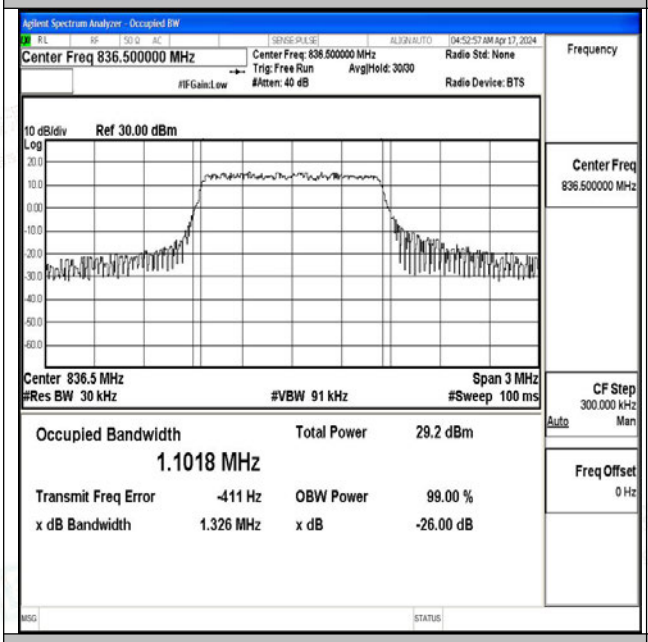
Test Graphs



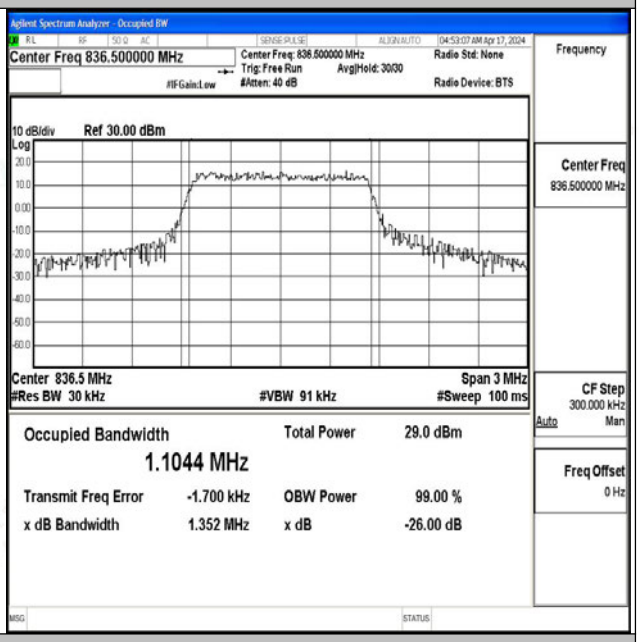
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



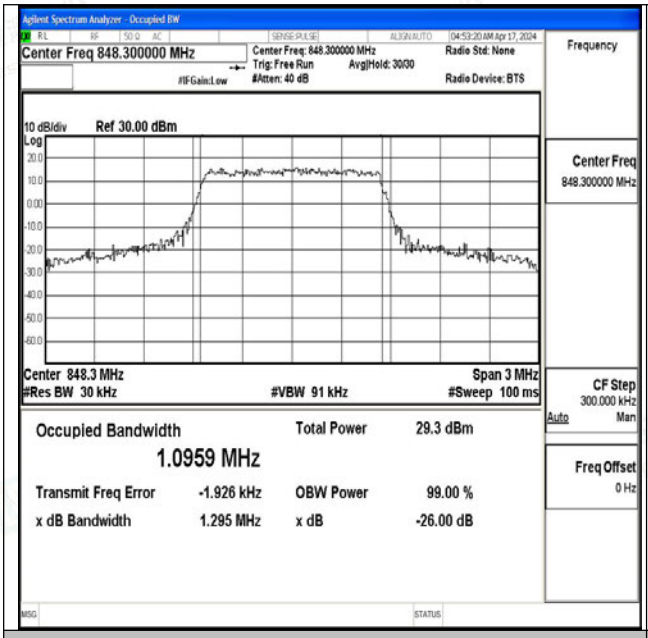
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



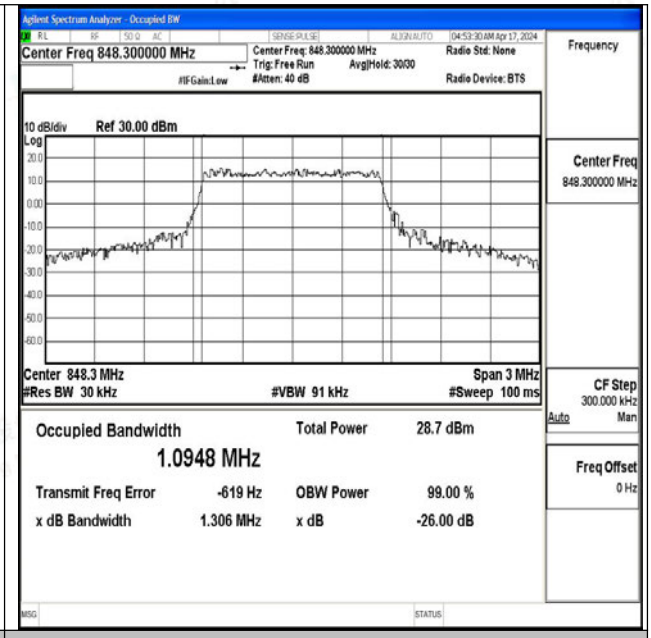
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



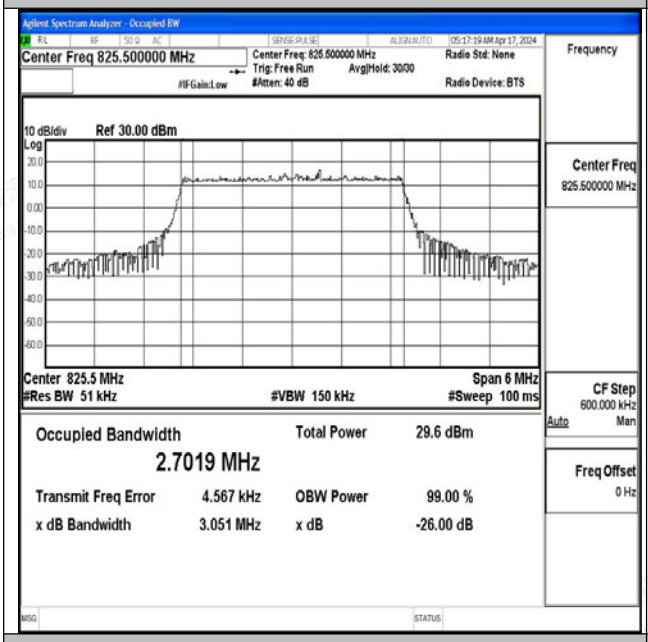
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



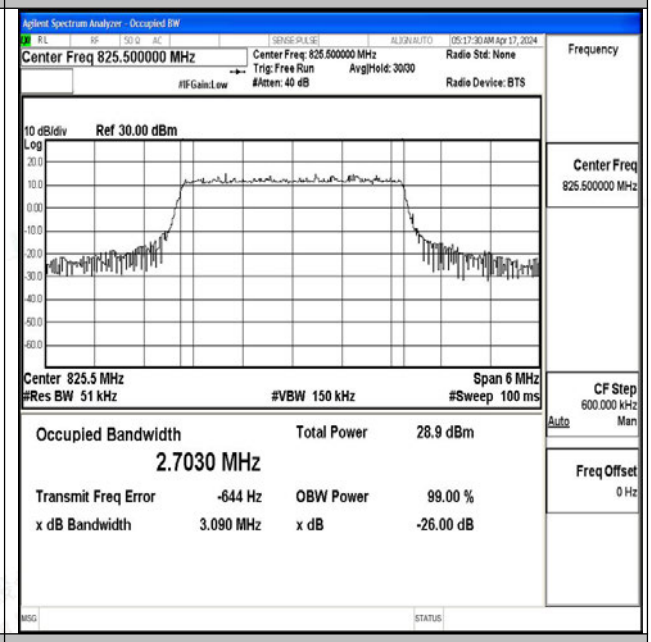
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



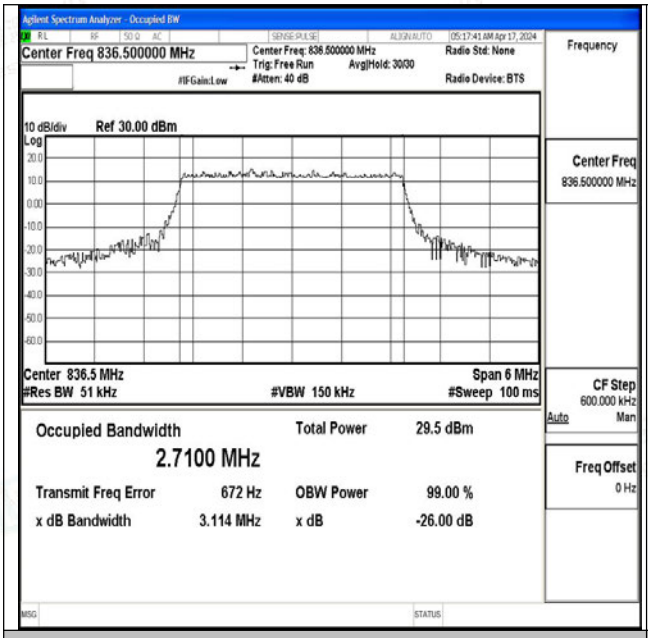
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



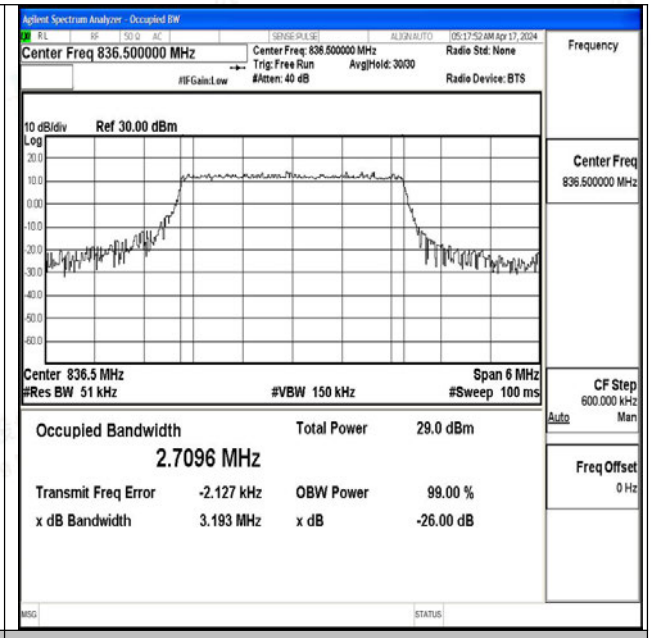
Band5-3MHz-QPSK-20415-15RB#0-PASS



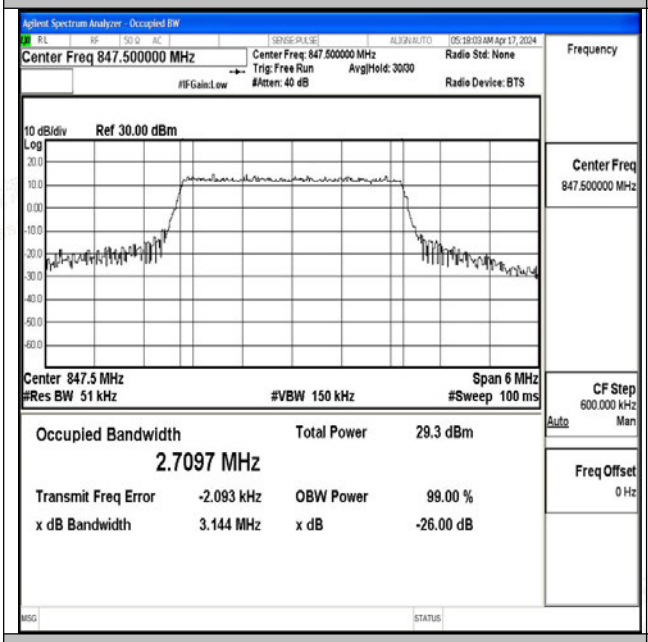
Band5-3MHz-16QAM-20415-15RB#0-PASS



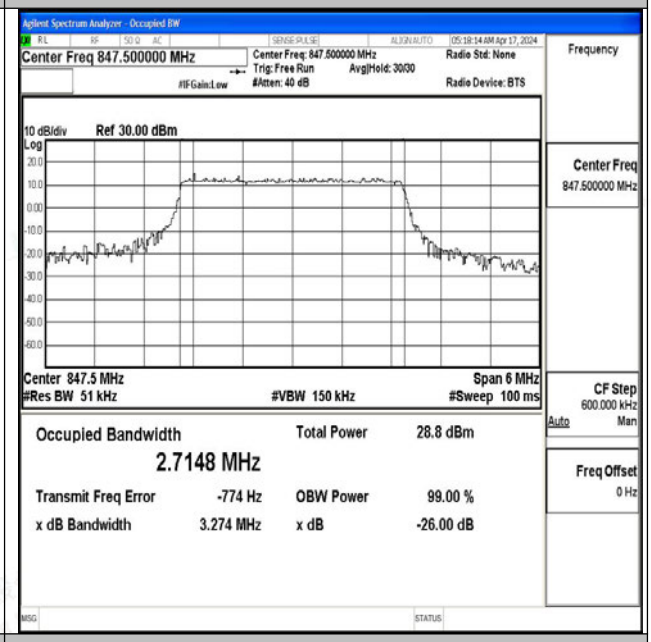
Band5-3MHz-QPSK-20525-15RB#0-PASS



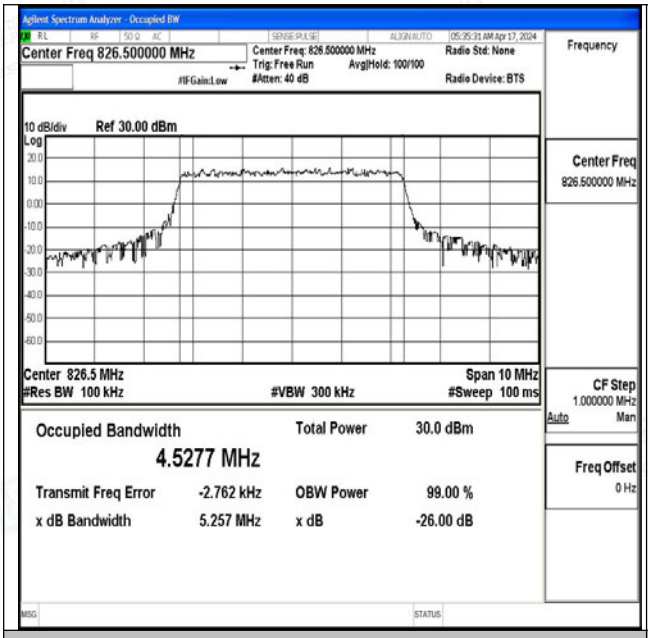
Band5-3MHz-16QAM-20525-15RB#0-PASS



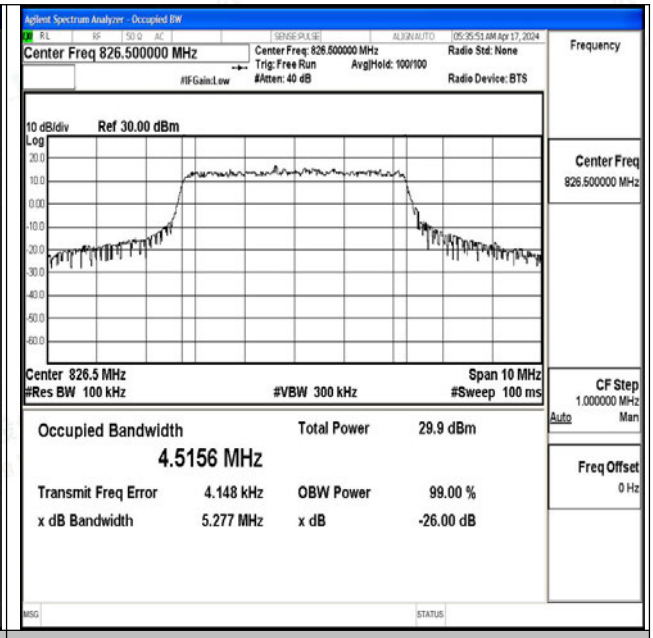
Band5-3MHz-QPSK-20635-15RB#0-PASS



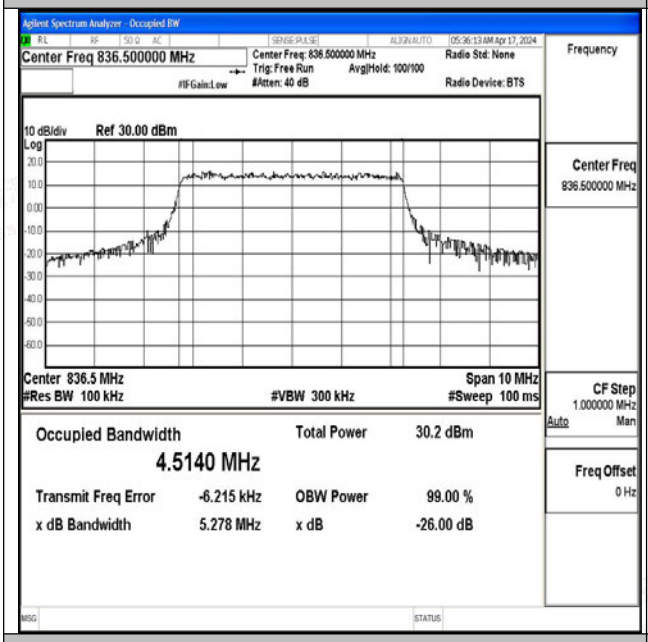
Band5-3MHz-16QAM-20635-15RB#0-PASS



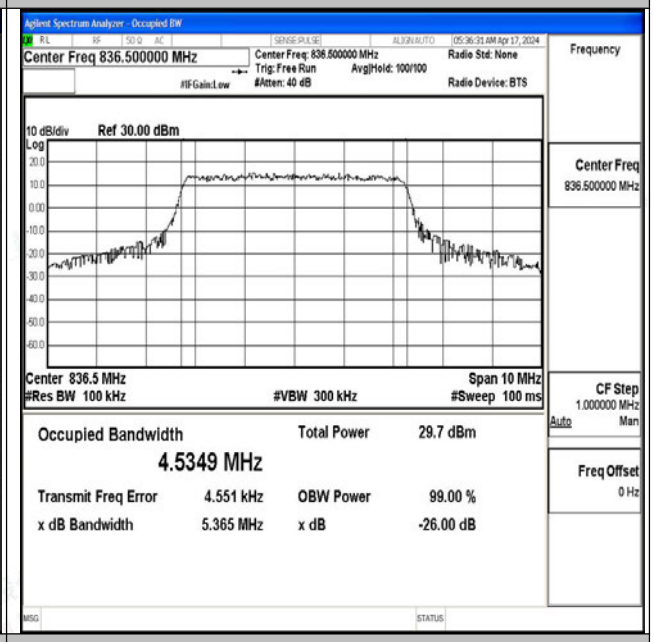
Band5-5MHz-QPSK-20425-25RB#0-PASS



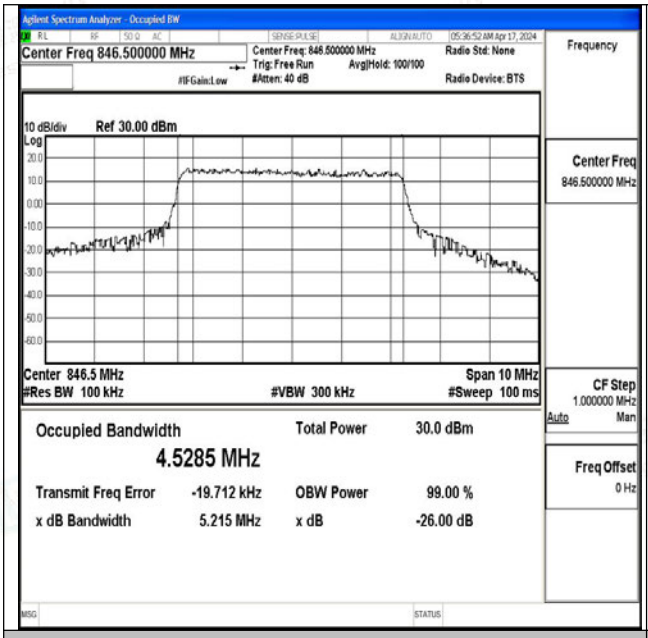
Band5-5MHz-16QAM-20425-25RB#0-PASS



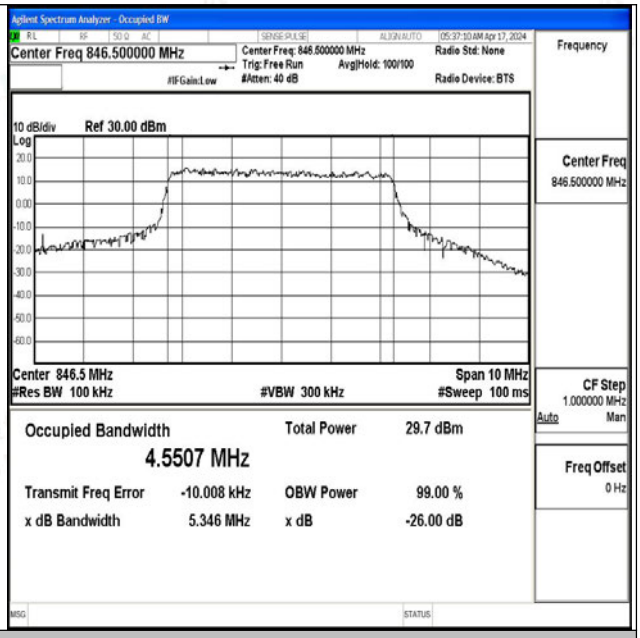
Band5-5MHz-QPSK-20525-25RB#0-PASS



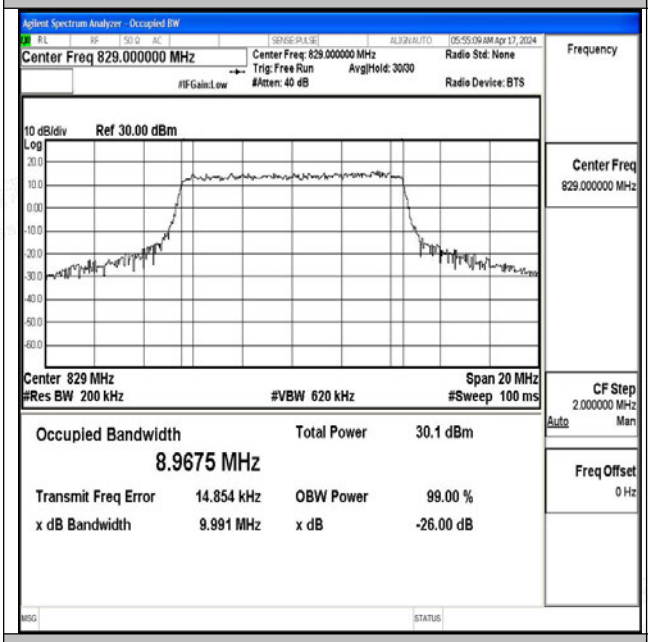
Band5-5MHz-16QAM-20525-25RB#0-PASS



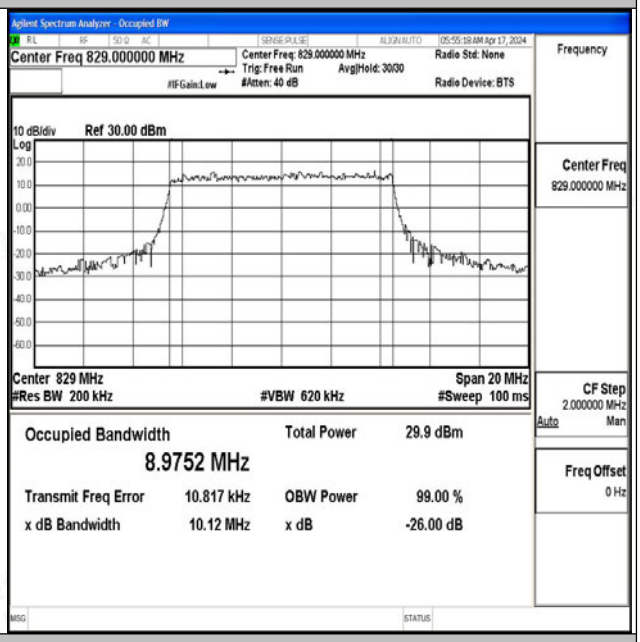
Band5-5MHz-QPSK-20625-25RB#0-PASS



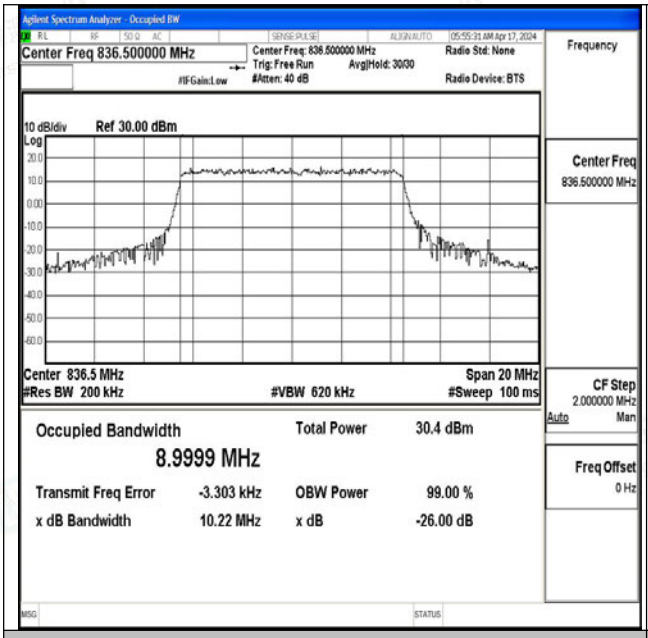
Band5-5MHz-16QAM-20625-25RB#0-PASS



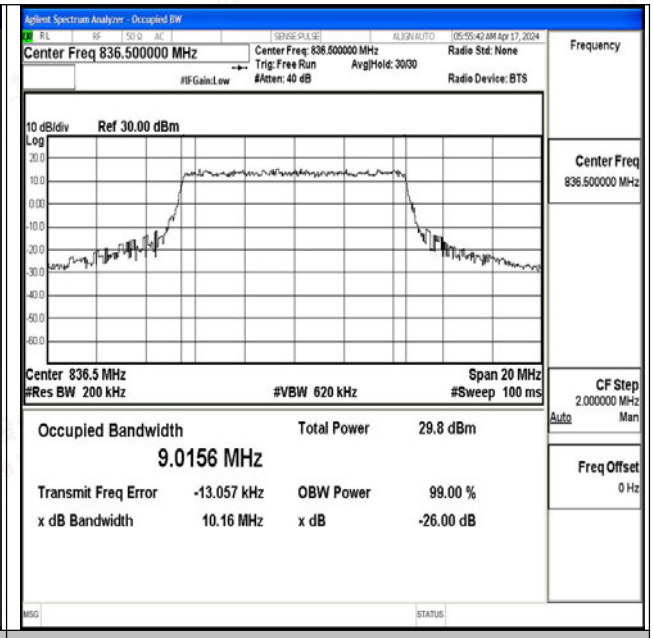
Band5-10MHz-QPSK-20450-50RB#0-PASS



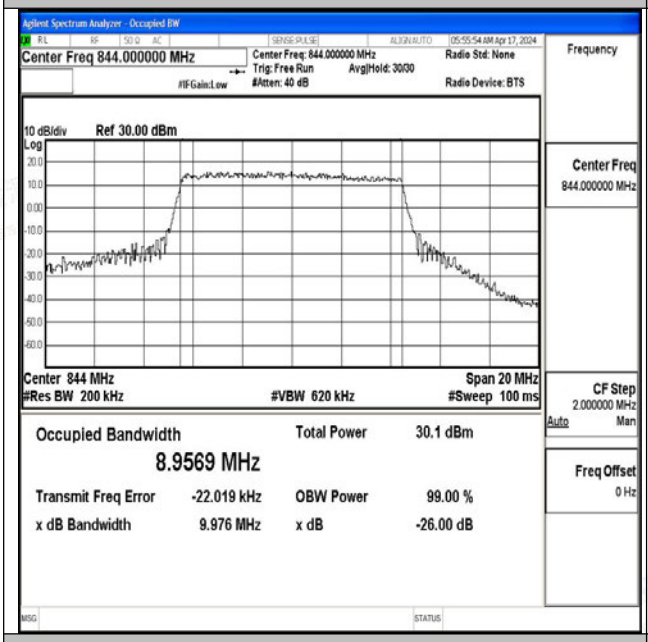
Band5-10MHz-16QAM-20450-50RB#0-PASS



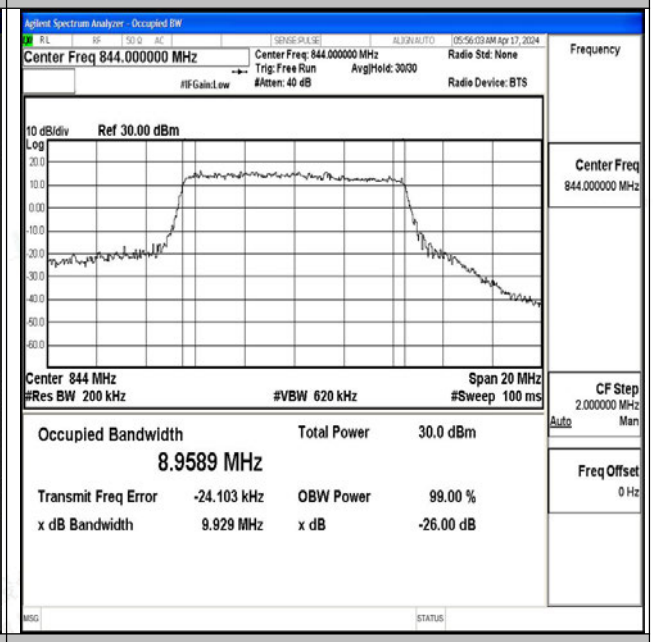
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



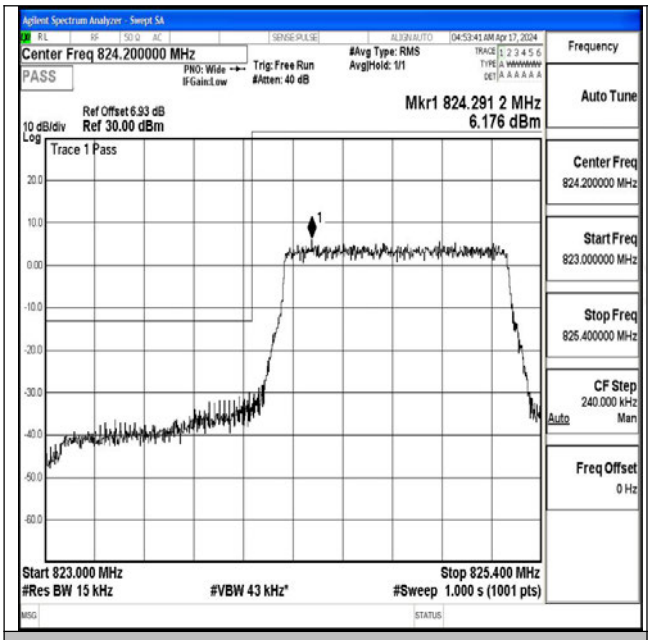
Band5-10MHz-16QAM-20600-50RB#0-PASS

H.4 Band Edge

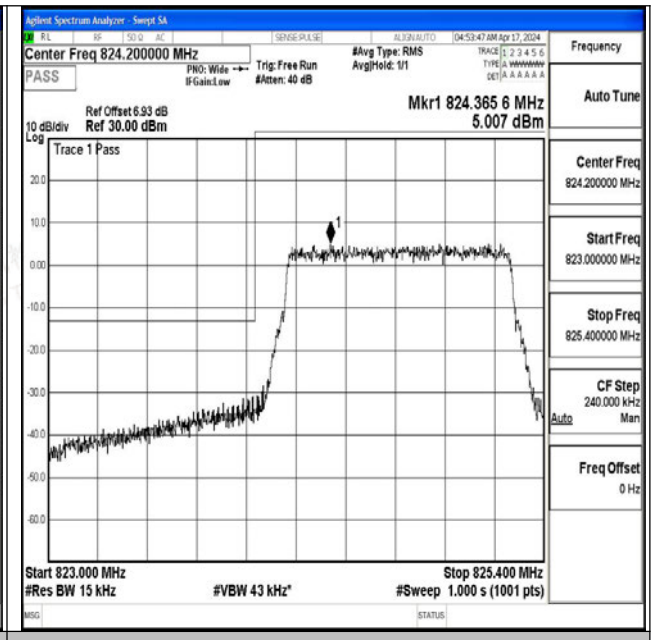
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-30.14	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.70	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.76	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.06	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.20	PASS
Band5	3MHz	16QAM	20415	15RB#0	-25.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	-24.88	PASS
Band5	3MHz	16QAM	20635	15RB#0	-24.55	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.25	PASS
Band5	5MHz	16QAM	20425	25RB#0	-31.36	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.39	PASS
Band5	5MHz	16QAM	20625	25RB#0	-27.64	PASS
Band5	10MHz	QPSK	20450	50RB#0	-33.98	PASS
Band5	10MHz	16QAM	20450	50RB#0	-35.54	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.98	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.00	PASS

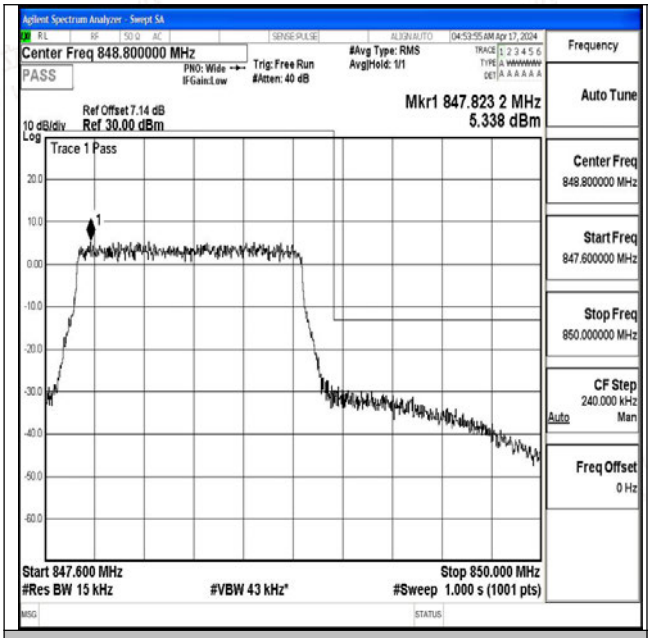
Test Graphs



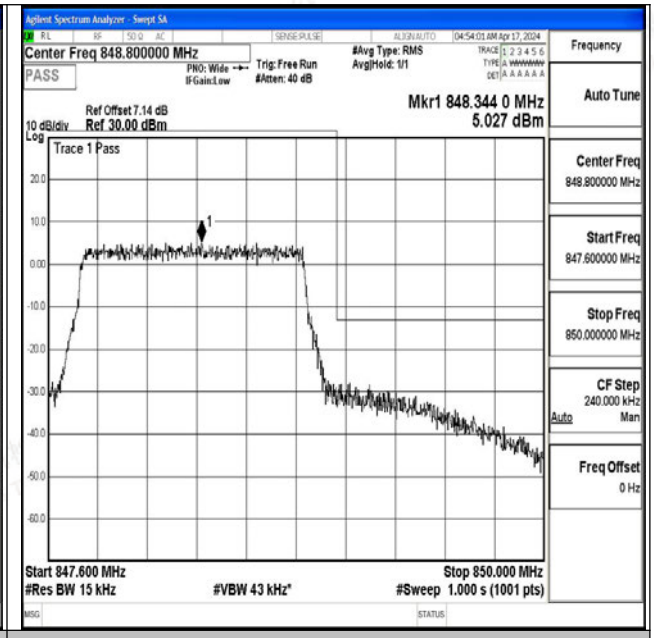
Band5_1.4MHz_QPSK_20407_6RB#0



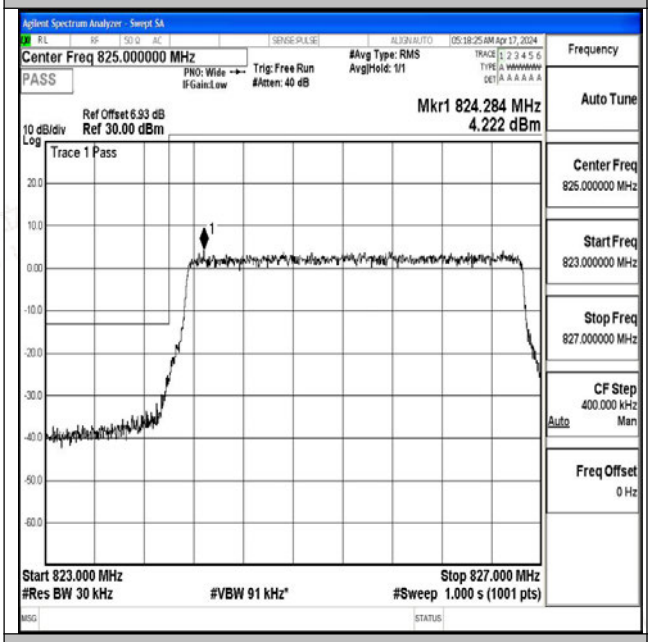
Band5_1.4MHz_16QAM_20407_6RB#0



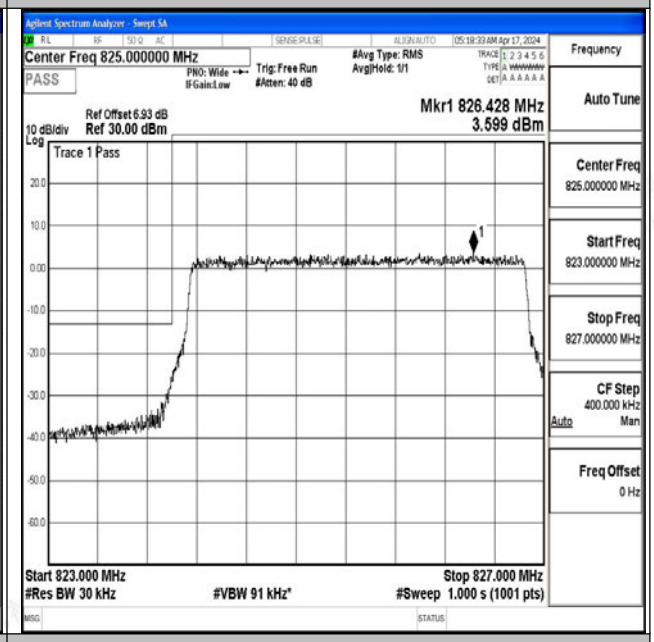
Band5_1.4MHz_QPSK_20643_6RB#0



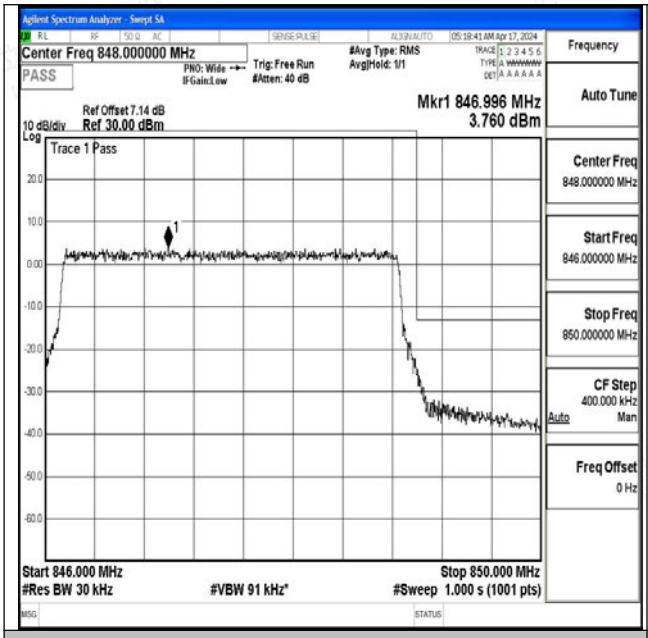
Band5_1.4MHz_16QAM_20643_6RB#0



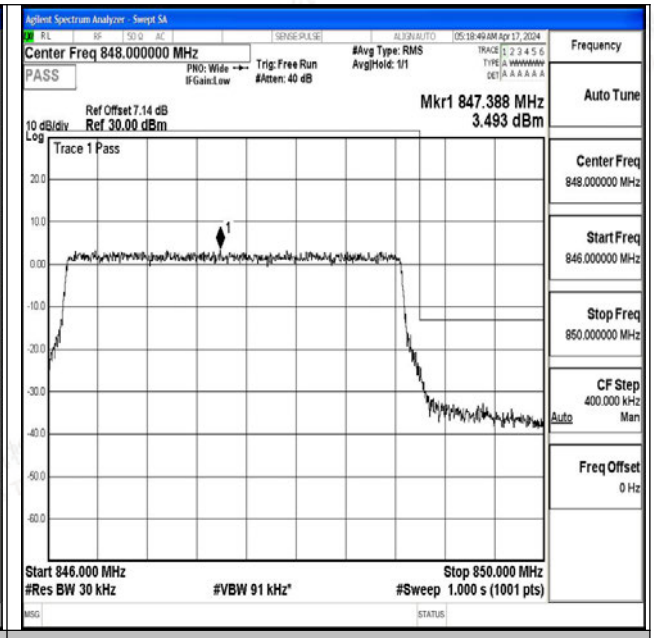
Band5_3MHz_QPSK_20415_15RB#0



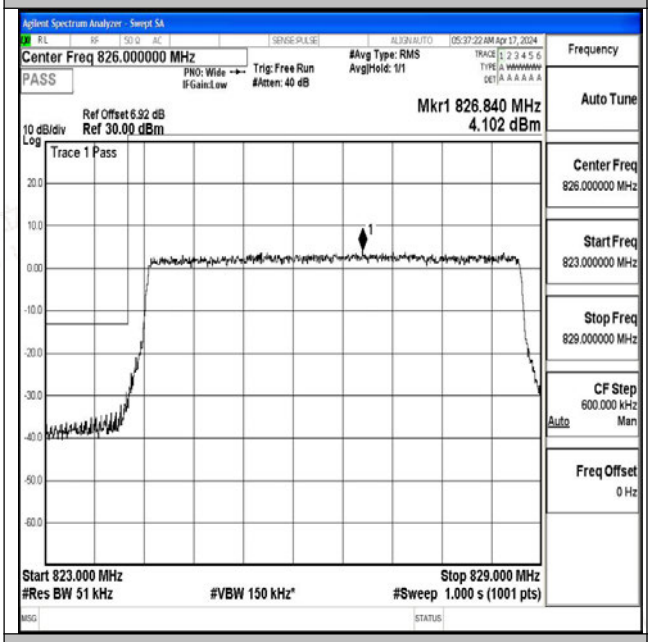
Band5_3MHz_16QAM_20415_15RB#0



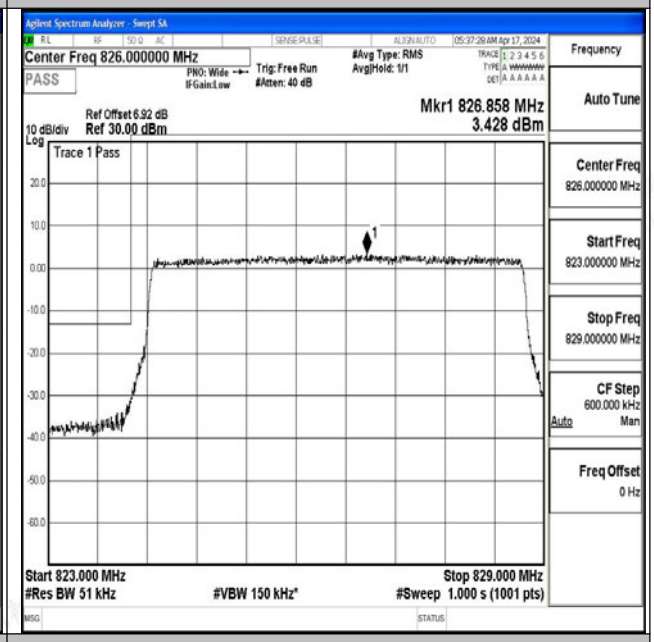
Band5_3MHz_QPSK_20635_15RB#0



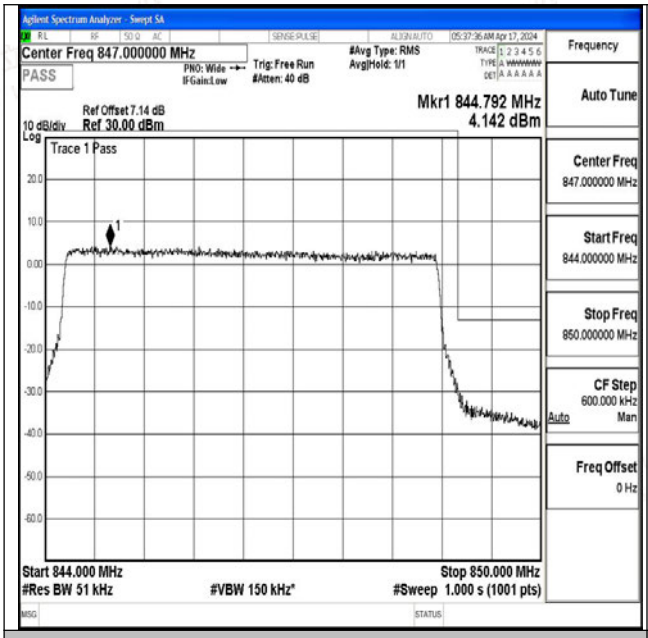
Band5_3MHz_16QAM_20635_15RB#0



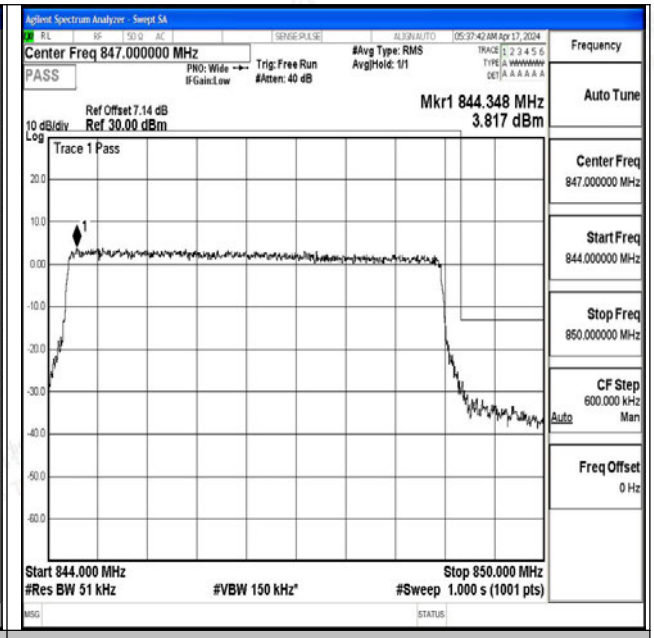
Band5_5MHz_QPSK_20425_25RB#0



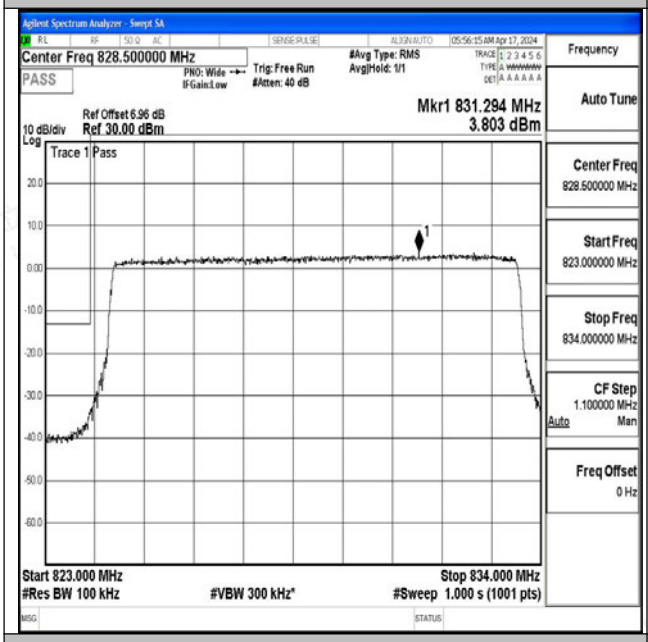
Band5_5MHz_16QAM_20425_25RB#0



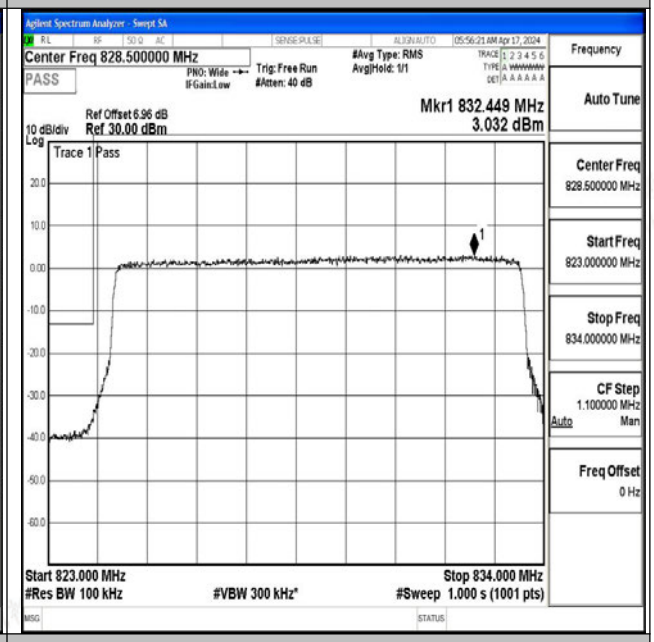
Band5_5MHz_QPSK_20625_25RB#0



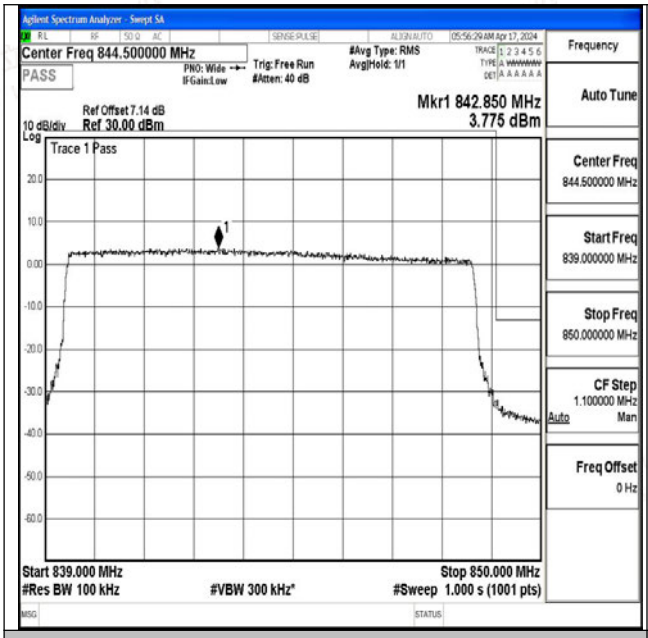
Band5_5MHz_16QAM_20625_25RB#0



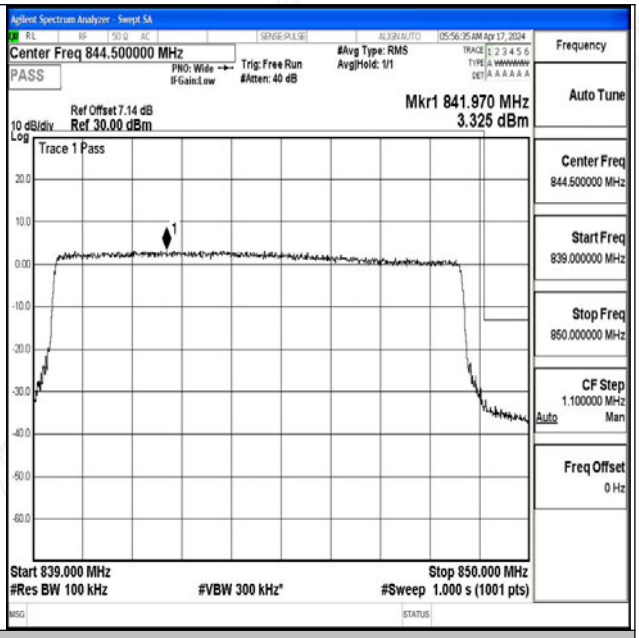
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

H.5 Conducted Spurious Emission

Test Result

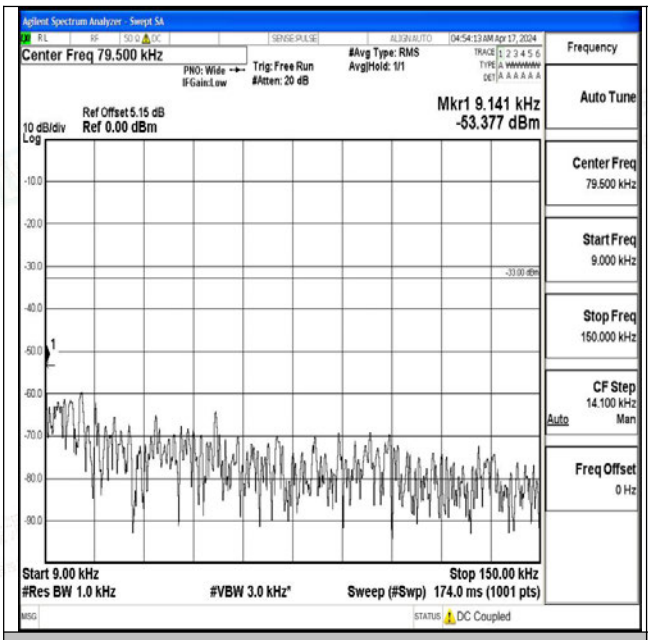
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-53.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-50.89	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-45.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-55.70	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-52.40	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-41.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-59.88	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.93	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-44.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-44.40	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-56.47	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-47.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.01	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-51.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-44.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-51.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-45.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.01	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.05	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.17	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-49.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-43.00	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.19	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.72	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-52.64	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-43.30	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.32	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.40	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.64	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-52.05	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.36	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.89	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-60.08	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-51.42	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-44.10	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.02	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.91	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.24	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-47.20	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-42.65	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-61.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-52.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-48.51	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-43.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-57.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-51.40	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-58.01	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-43.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-57.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-54.00	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-58.04	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.13	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.40	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-50.35	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-59.67	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-43.40	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.85	PASS

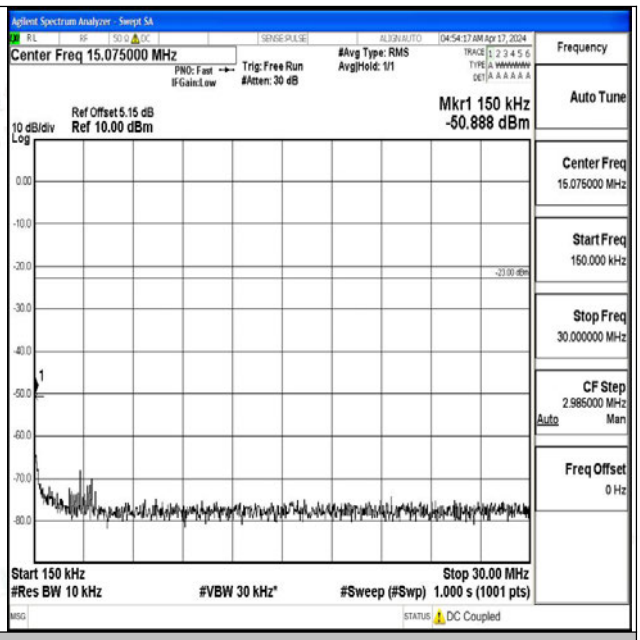
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-56.36	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-51.47	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-60.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.79	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-43.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-51.30	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-58.00	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.99	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.11	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-54.86	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-54.99	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-60.60	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-44.24	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-58.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-60.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.96	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.05	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-57.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.42	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.82	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.62	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.90	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.98	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-58.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.63	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.63	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-45.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.95	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-52.09	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-45.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.10	PASS

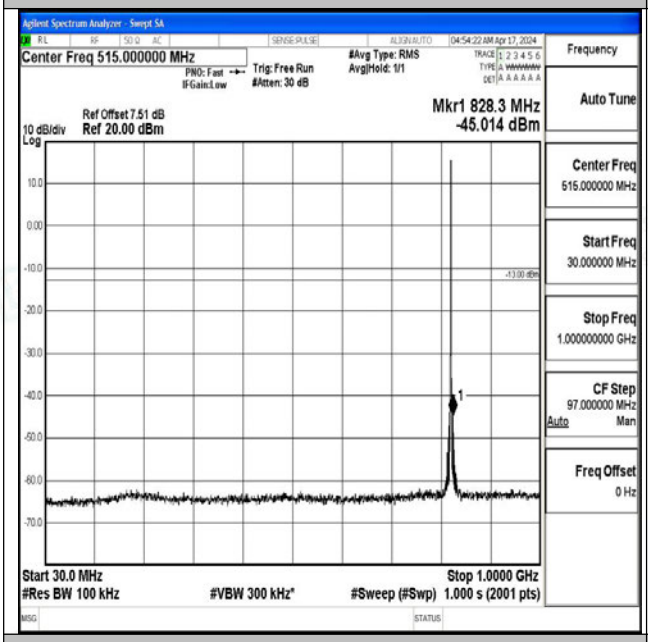
Test Graphs



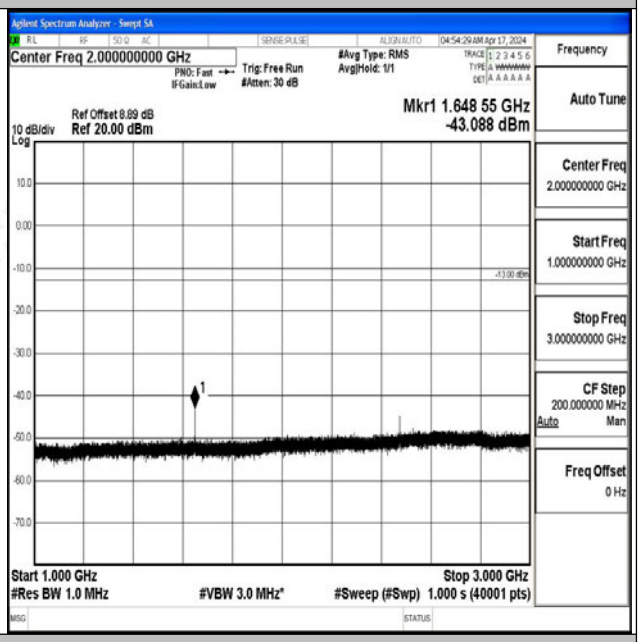
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000