

Appendix RF Test Data for LTE Band 5

Company: : Shenzhen Wufang Technology Co., Ltd.

EUT : Tablet

Model Number : X1

FCC ID : 2BMOX-X1

Report No. : CTA25081801105

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.80	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.89	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.96	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.69	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.69	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.68	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.68	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.48	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.75	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.12	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.53	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.89	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.63	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.83	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.78	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.72	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.37	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.71	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.27	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	22.72	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.53	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.59	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.18	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.33	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.00	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.32	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.87	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.31	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.91	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.54	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.17	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.54	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.17	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.56	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.47	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.90	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.32	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.26	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.32	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.20	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.40	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.25	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.43	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.17	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.43	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.03	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.52	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.13	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.44	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.78	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.70	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.32	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.56	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.86	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.63	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.56	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.21	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.60	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.22	PASS

Band5	3MHz	QPSK	20635	8RB#7	22.49	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.12	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.51	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.27	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.41	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.25	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.38	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.29	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.90	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.50	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.90	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.47	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.94	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.38	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.06	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.18	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.32	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.02	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.40	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.12	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.33	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.32	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.96	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.38	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.96	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.40	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.96	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.43	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.90	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.35	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.93	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.35	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.70	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.61	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.14	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.58	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.09	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.52	PASS

Band5	5MHz	16QAM	20625	12RB#13	22.15	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.62	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.32	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.98	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.30	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.99	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.32	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.95	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.41	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.21	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.41	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.21	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.38	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.95	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.47	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.09	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.44	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.11	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.33	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.38	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.11	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.55	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.11	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.59	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.14	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.62	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.65	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.10	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.69	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.07	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.31	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.86	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.60	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.16	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.61	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.11	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.58	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.07	PASS

Band5	10MHz	QPSK	20600	50RB#0	22.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.17	PASS

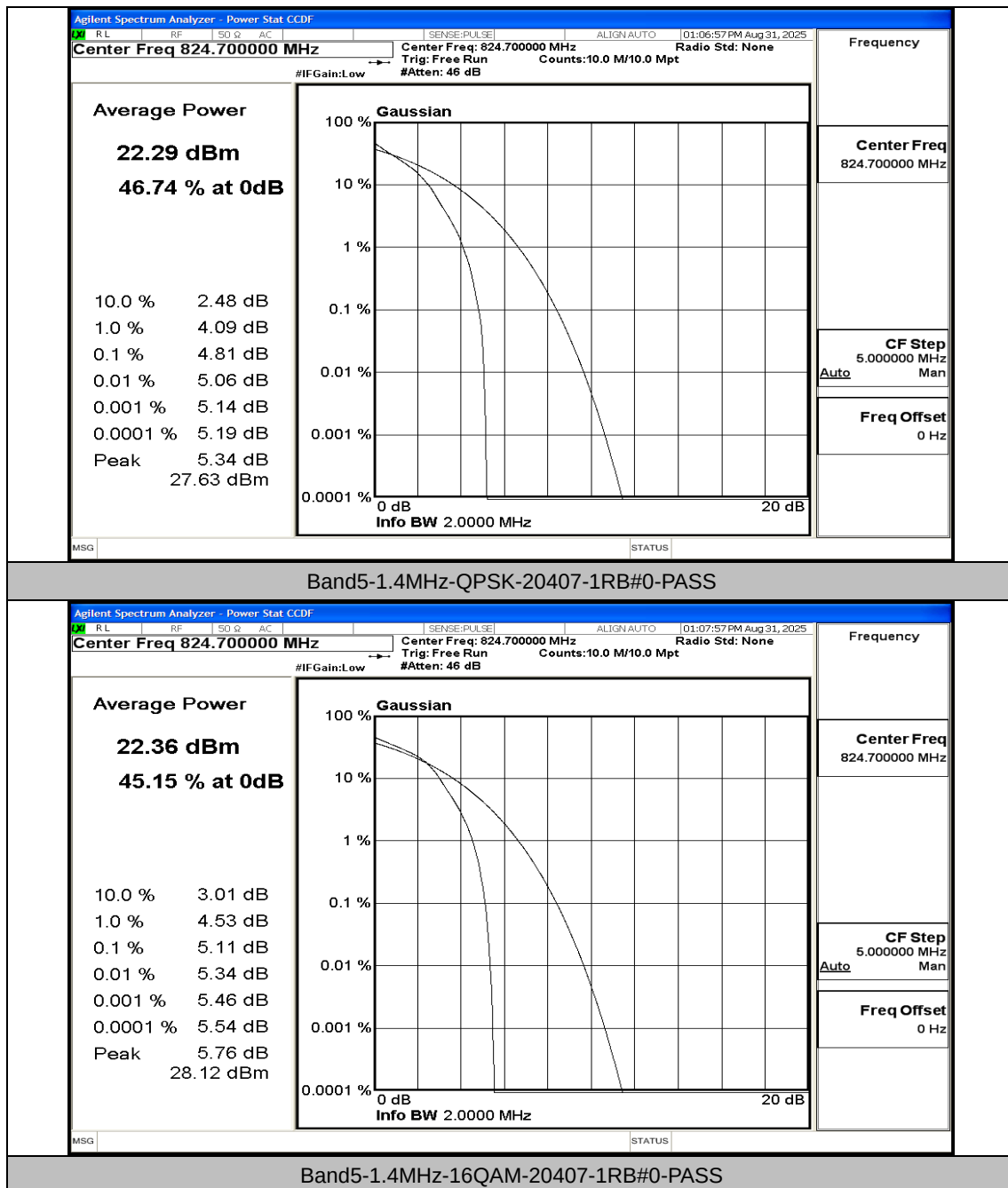
Appendix B: Peak-to-Average Ratio(CCDF)

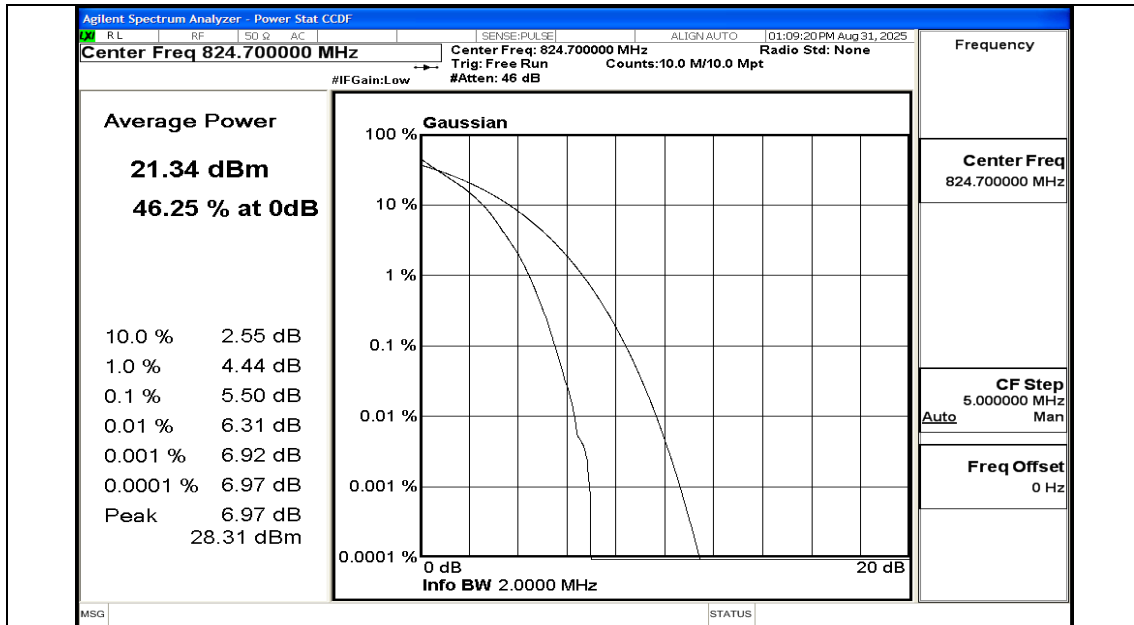
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.81	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.50	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.09	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.62	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.37	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.34	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.90	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.98	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.63	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.51	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.93	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.69	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.59	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.26	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.69	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.09	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.35	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.98	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.13	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.06	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.83	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.43	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.06	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.59	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.25	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.66	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.32	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.47	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.09	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.16	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.50	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.29	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.88	13	PASS

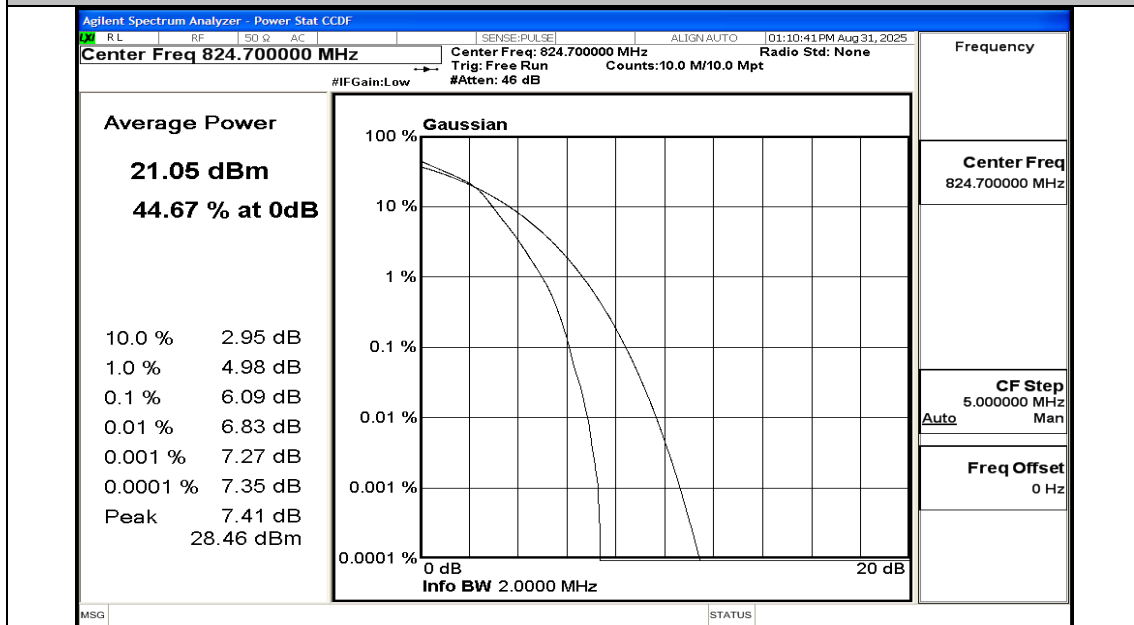
Band5	10MHz	QPSK	20450	1RB#0	5.02	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.61	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.25	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.45	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.15	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.67	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.19	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.30	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.93	13	PASS

Test Graphs

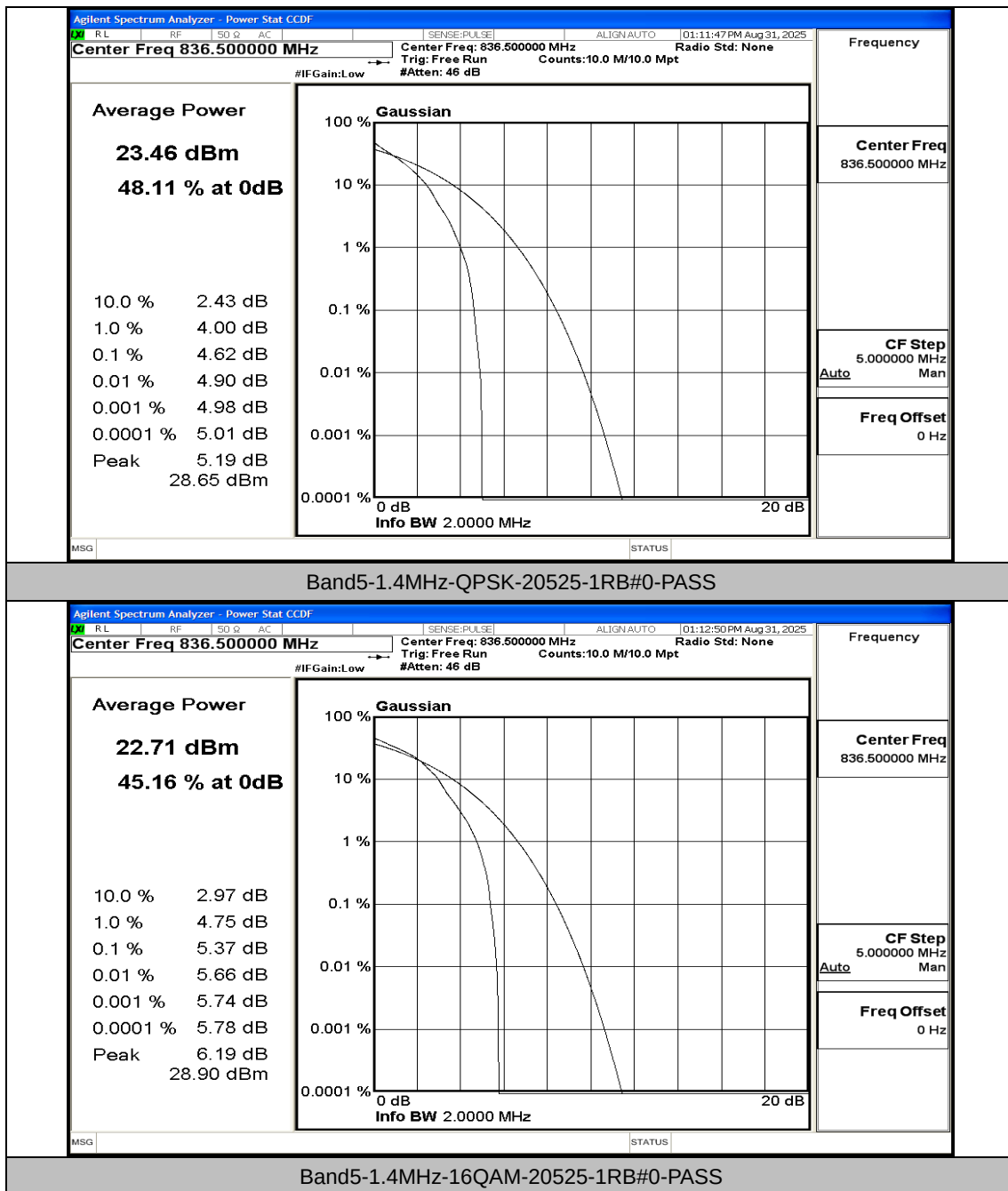


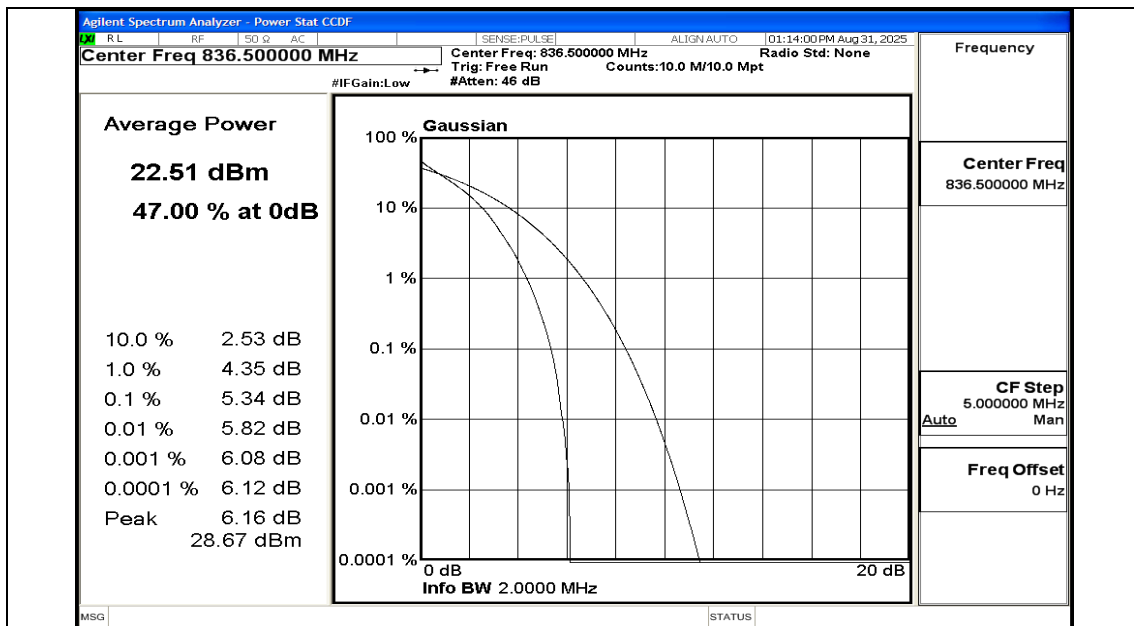


Band5-1.4MHz-QPSK-20407-6RB#0-PASS

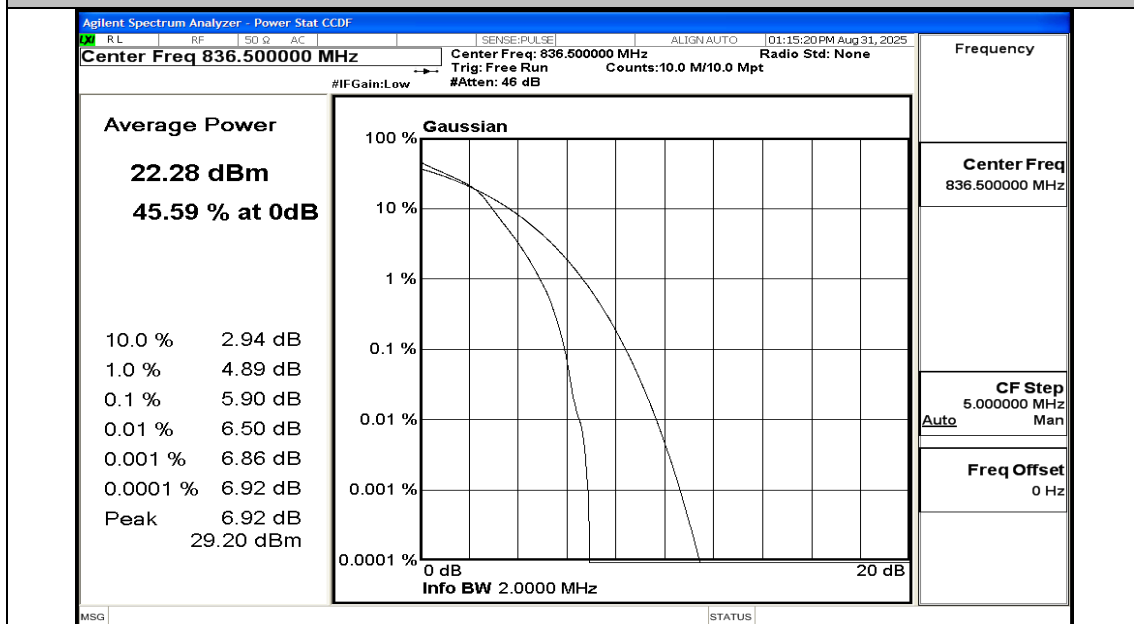


Band5-1.4MHz-16QAM-20407-6RB#0-PASS

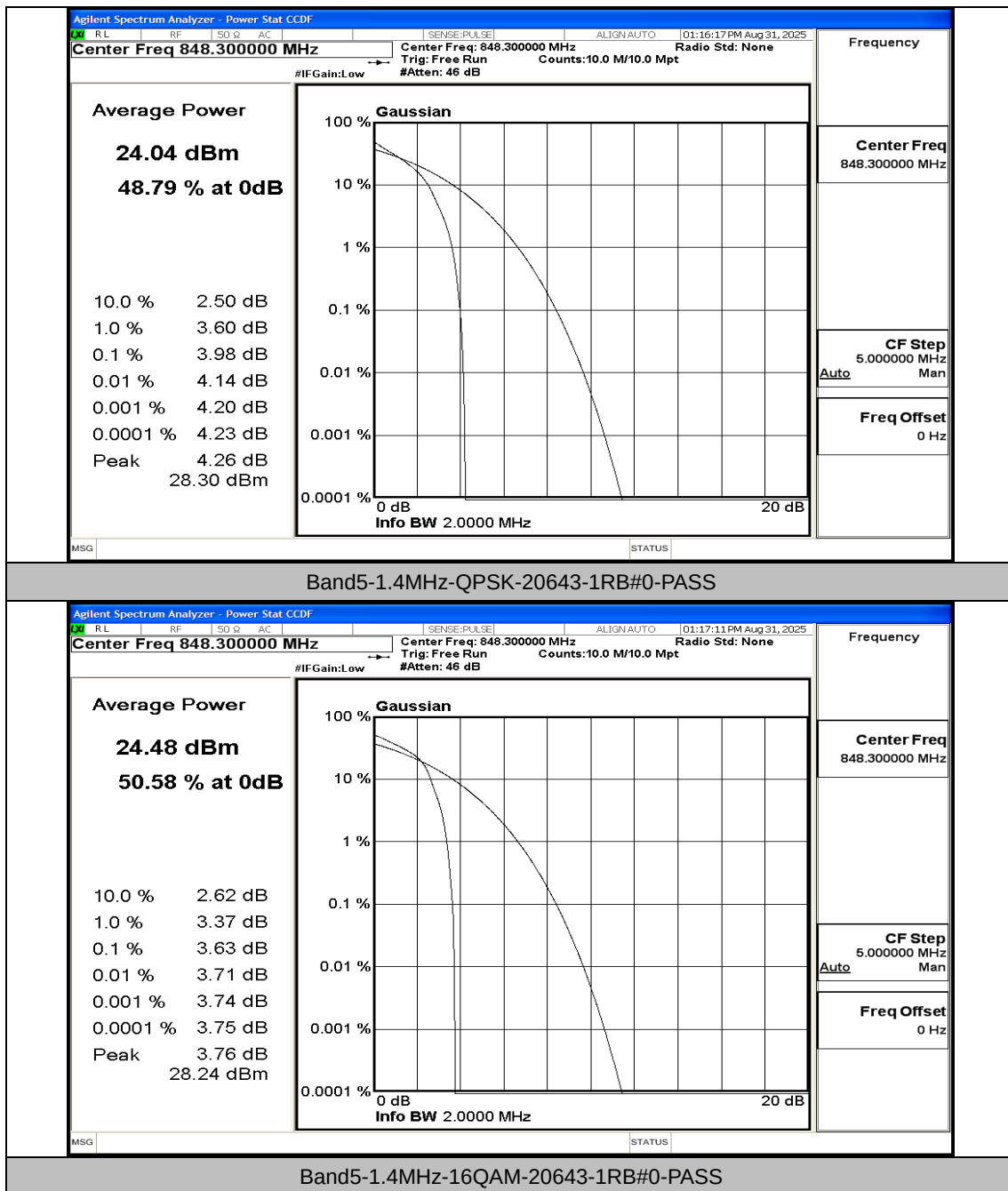


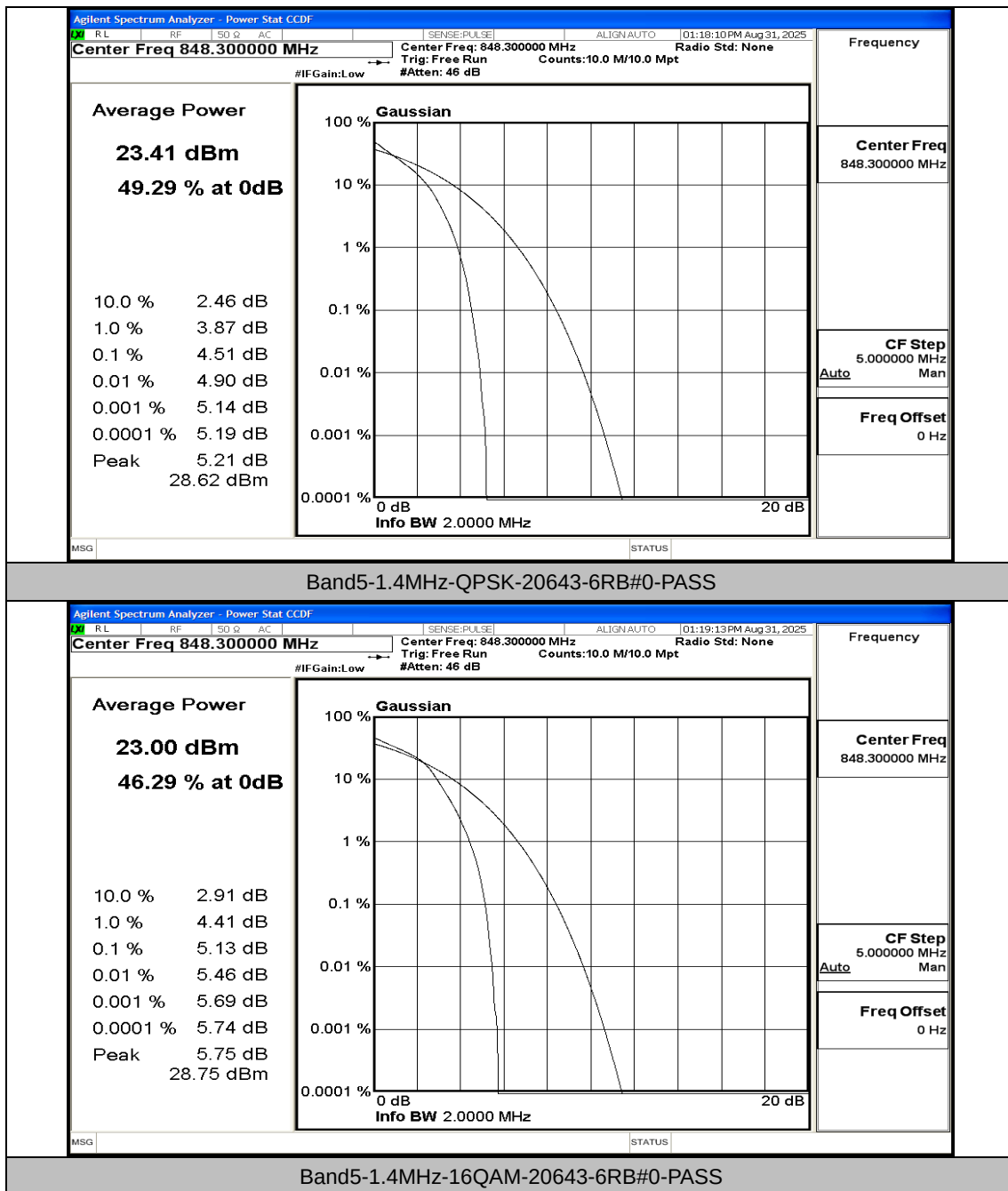


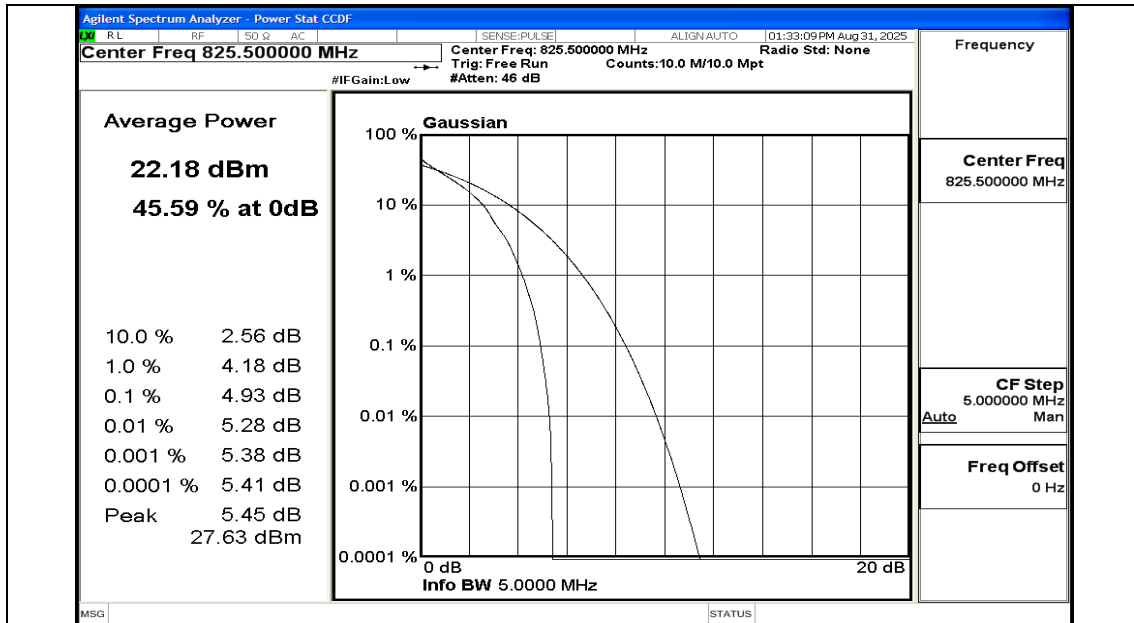
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



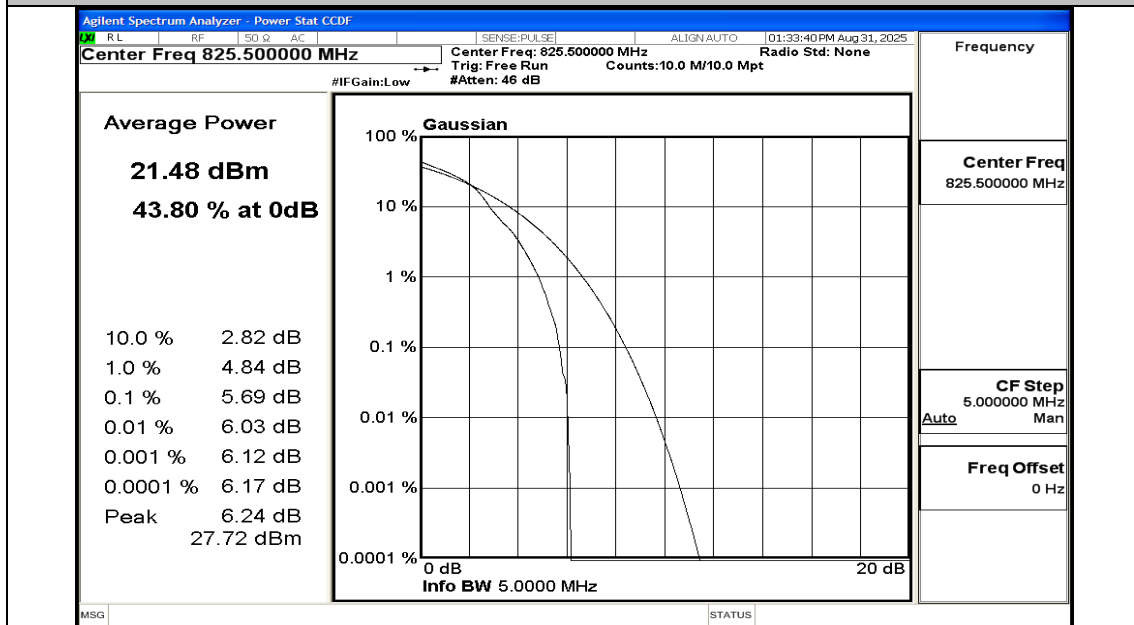
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



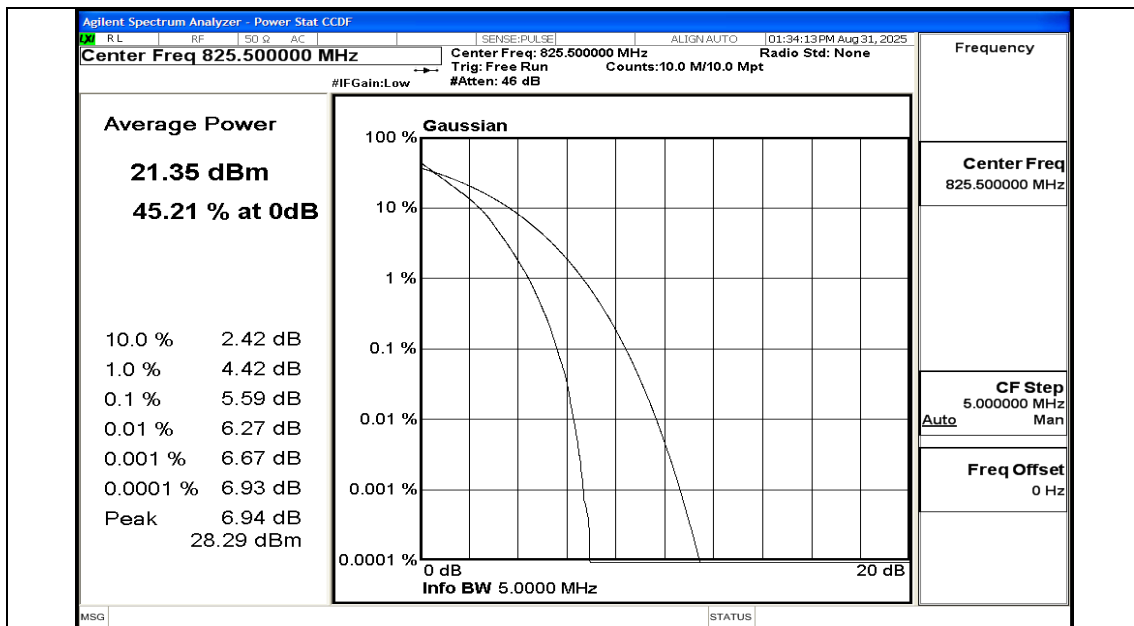




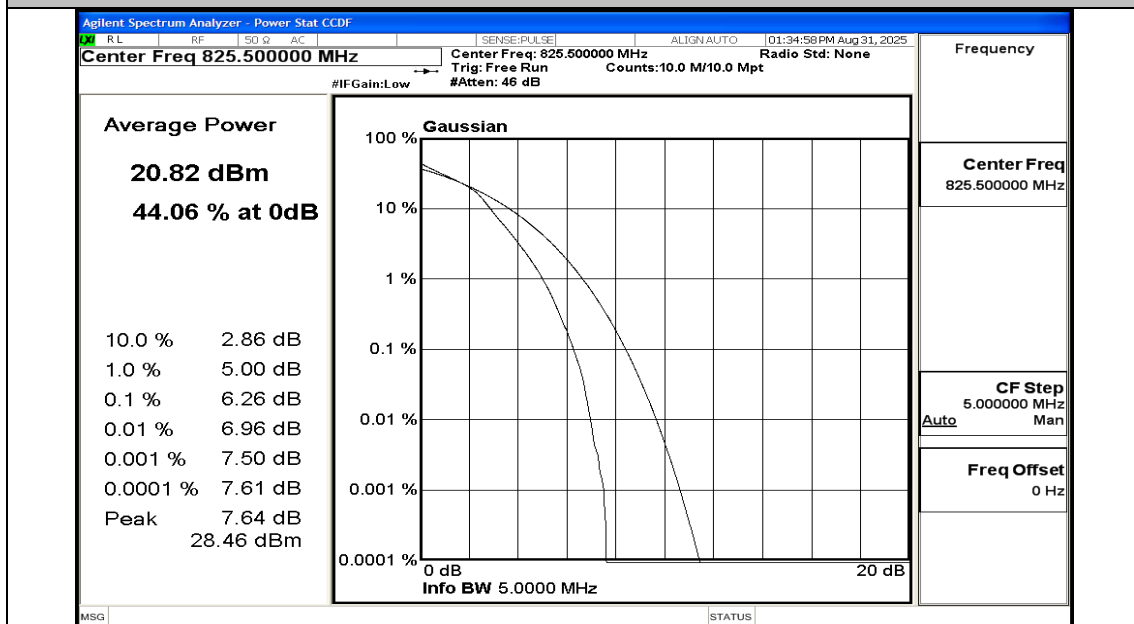
Band5-3MHz-QPSK-20415-1RB#0-PASS



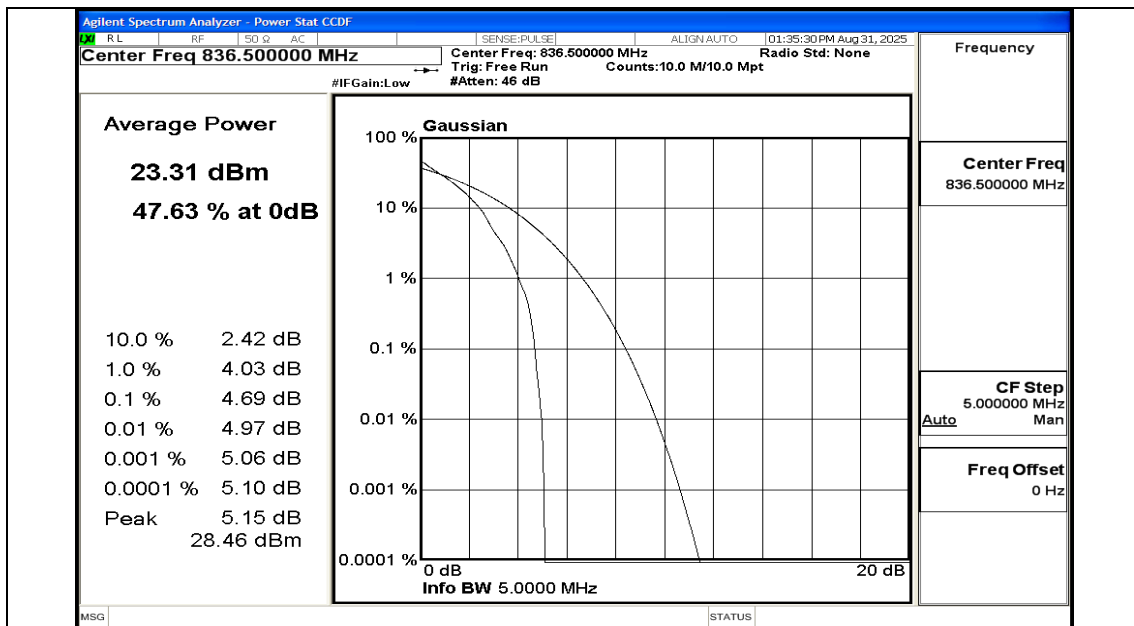
Band5-3MHz-16QAM-20415-1RB#0-PASS



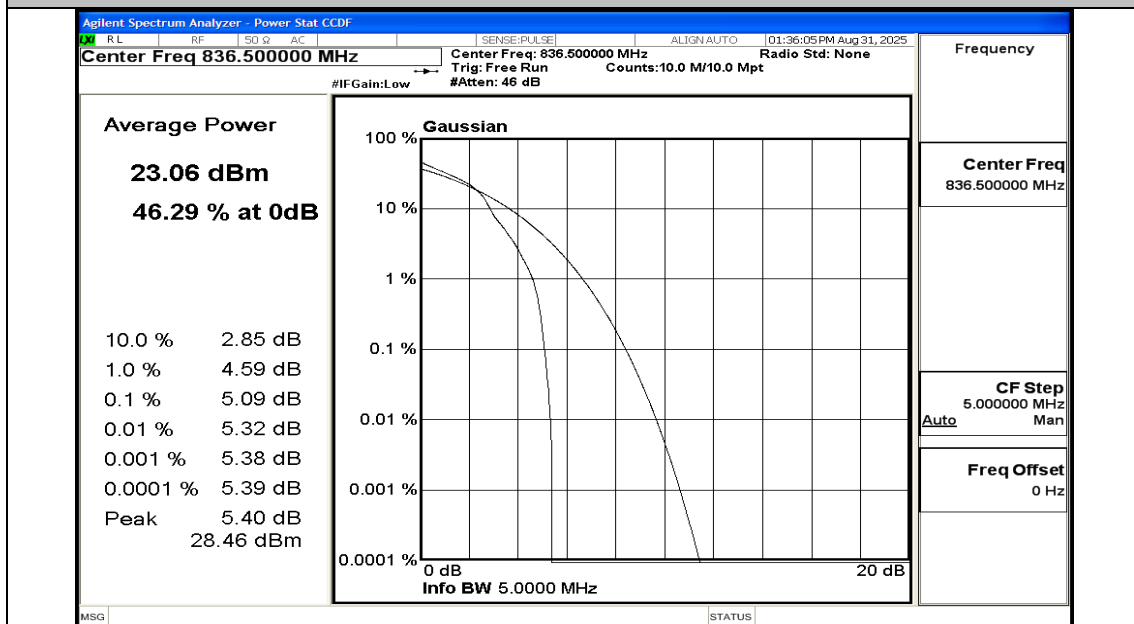
Band5-3MHz-QPSK-20415-15RB#0-PASS



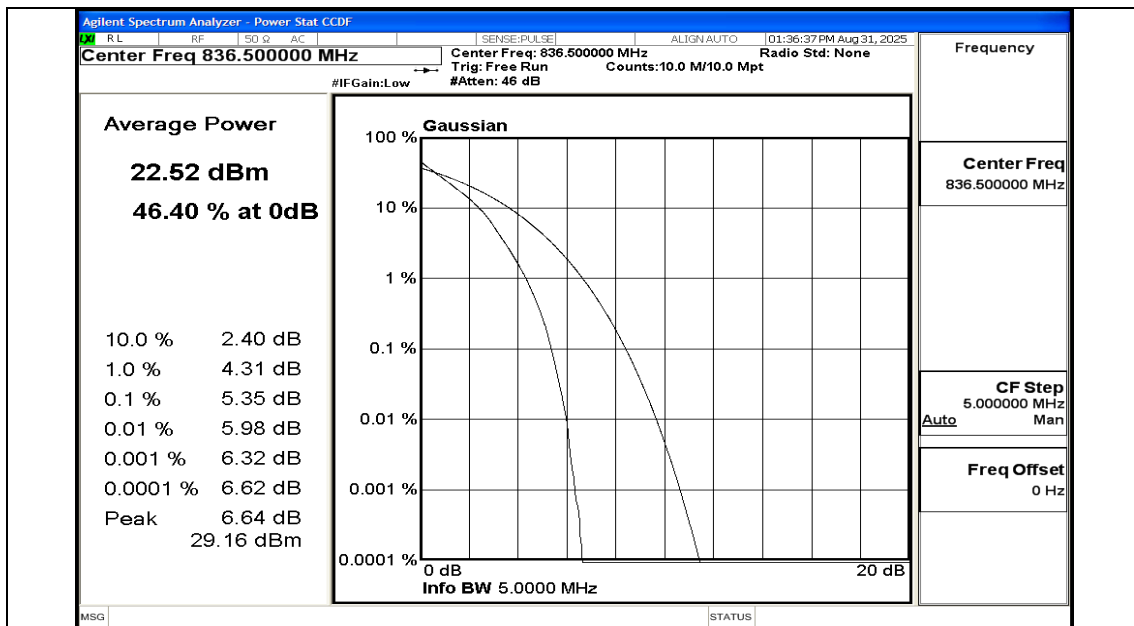
Band5-3MHz-16QAM-20415-15RB#0-PASS



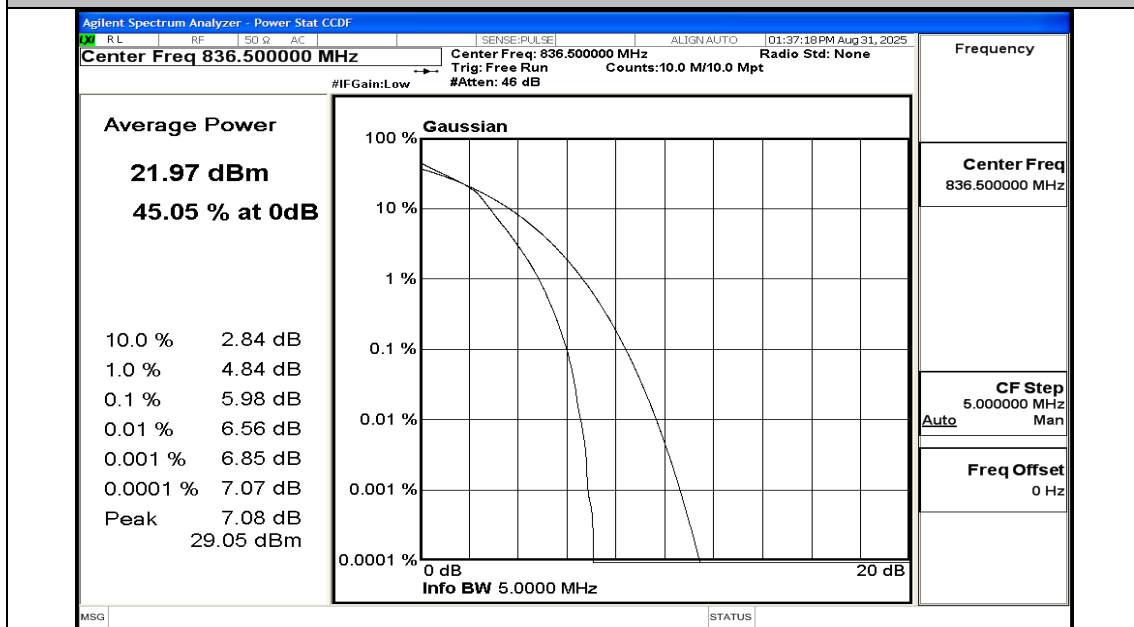
Band5-3MHz-QPSK-20525-1RB#0-PASS



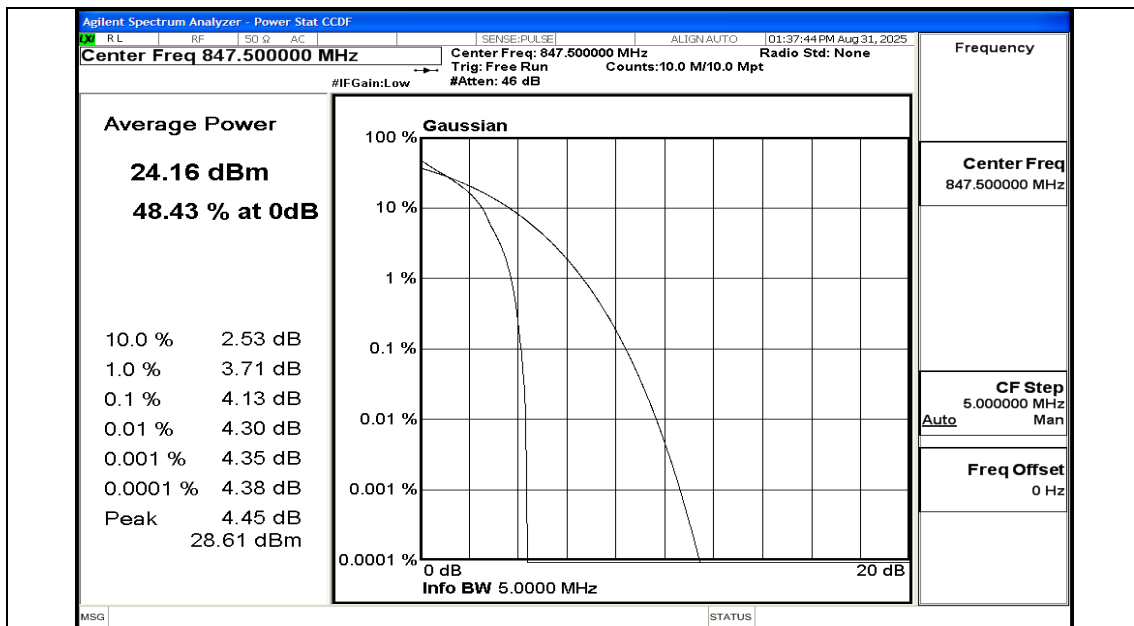
Band5-3MHz-16QAM-20525-1RB#0-PASS



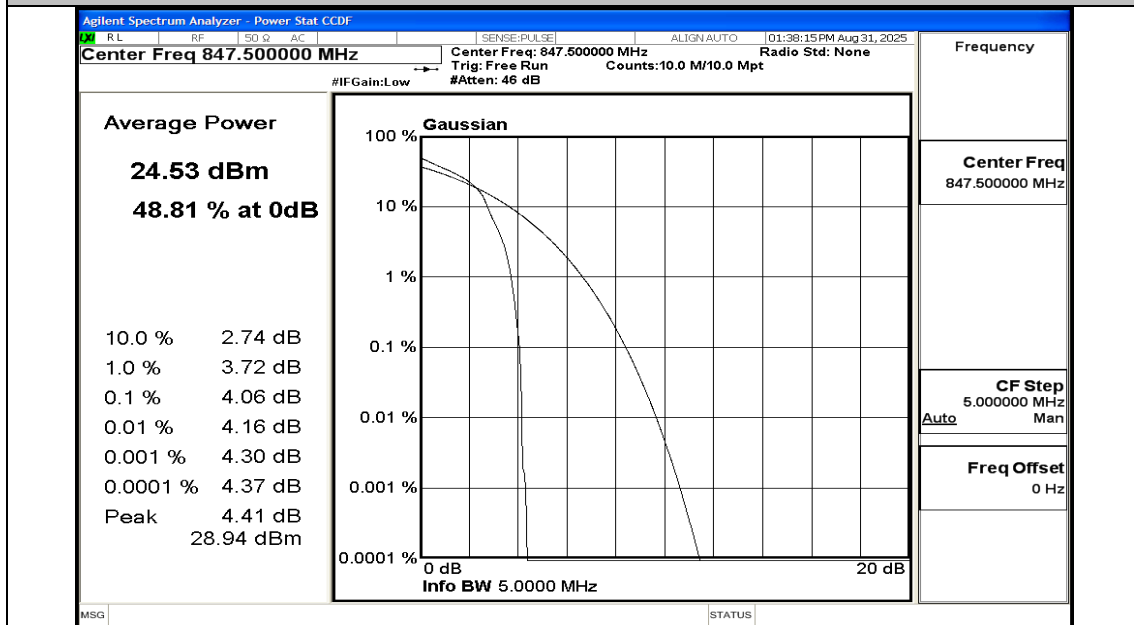
Band5-3MHz-QPSK-20525-15RB#0-PASS



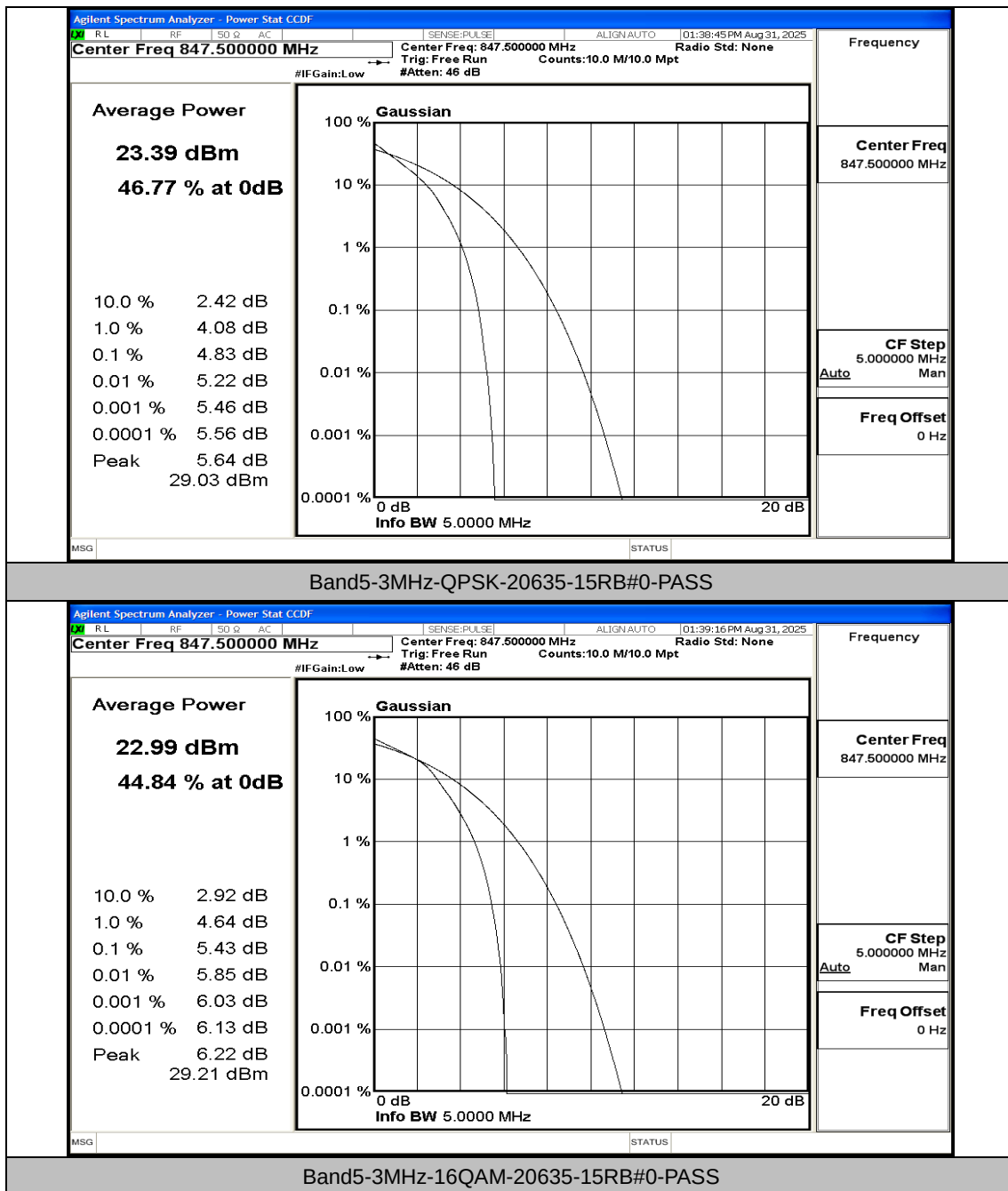
Band5-3MHz-16QAM-20525-15RB#0-PASS

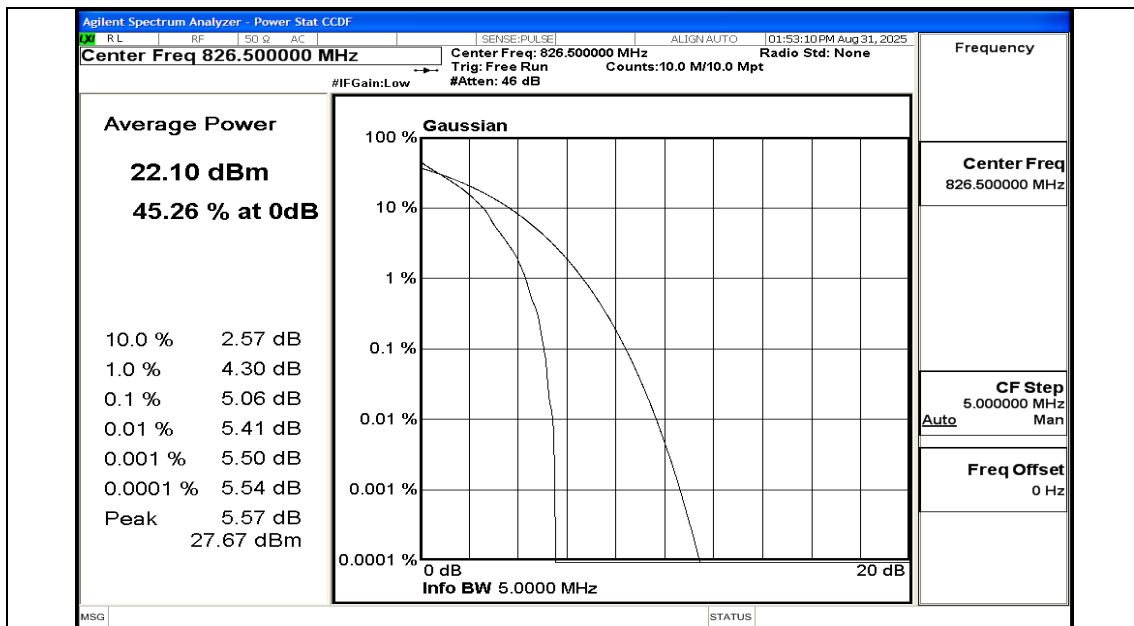


Band5-3MHz-QPSK-20635-1RB#0-PASS

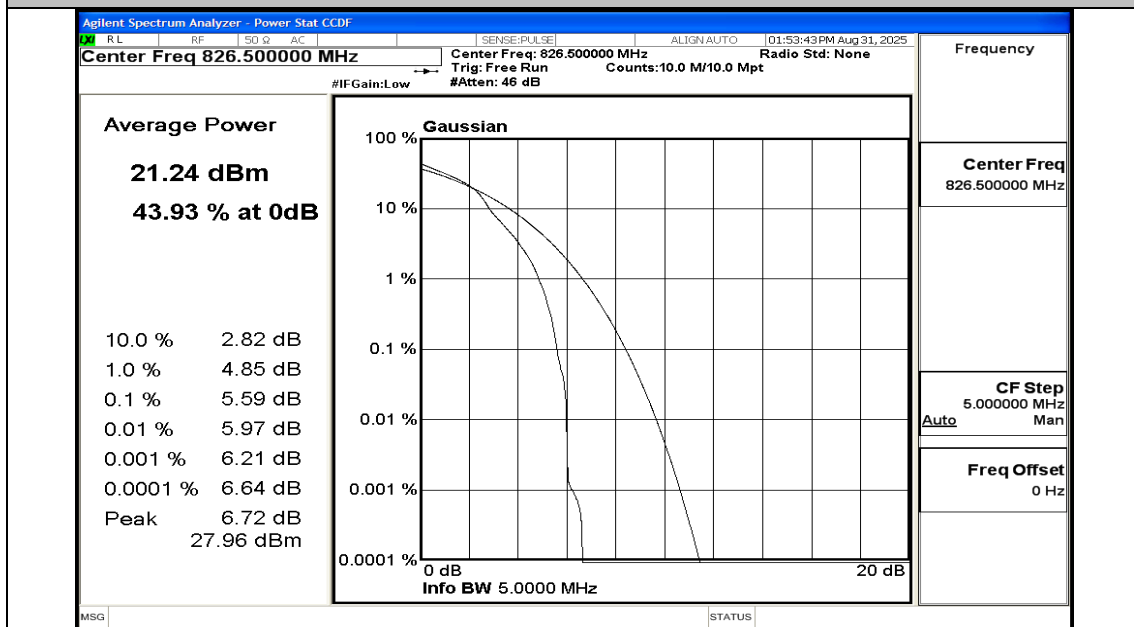


Band5-3MHz-16QAM-20635-1RB#0-PASS

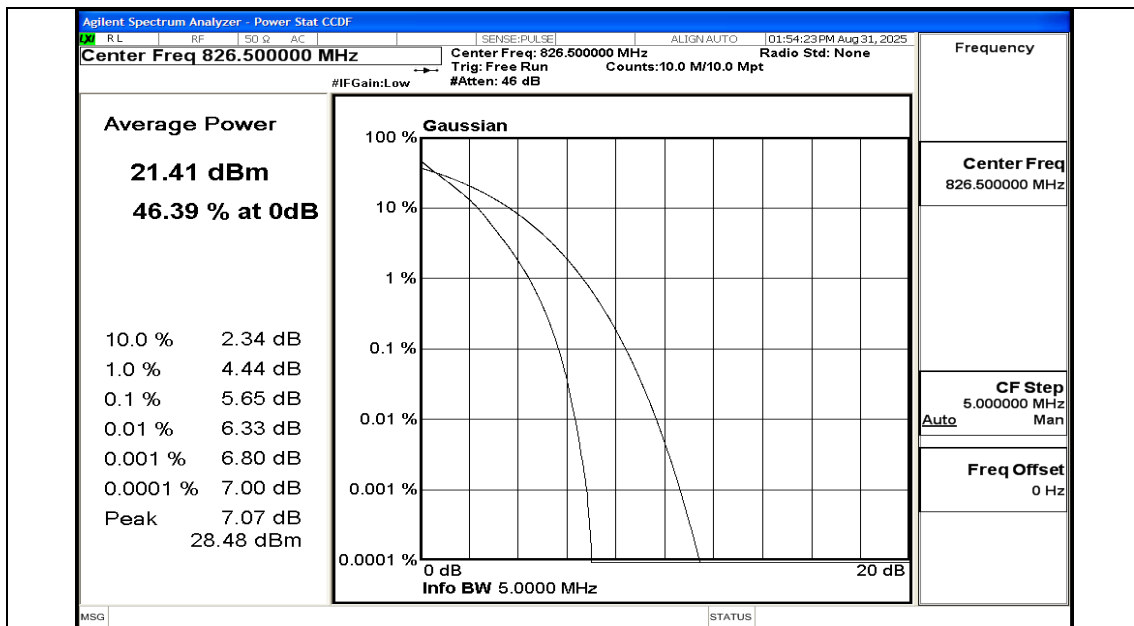




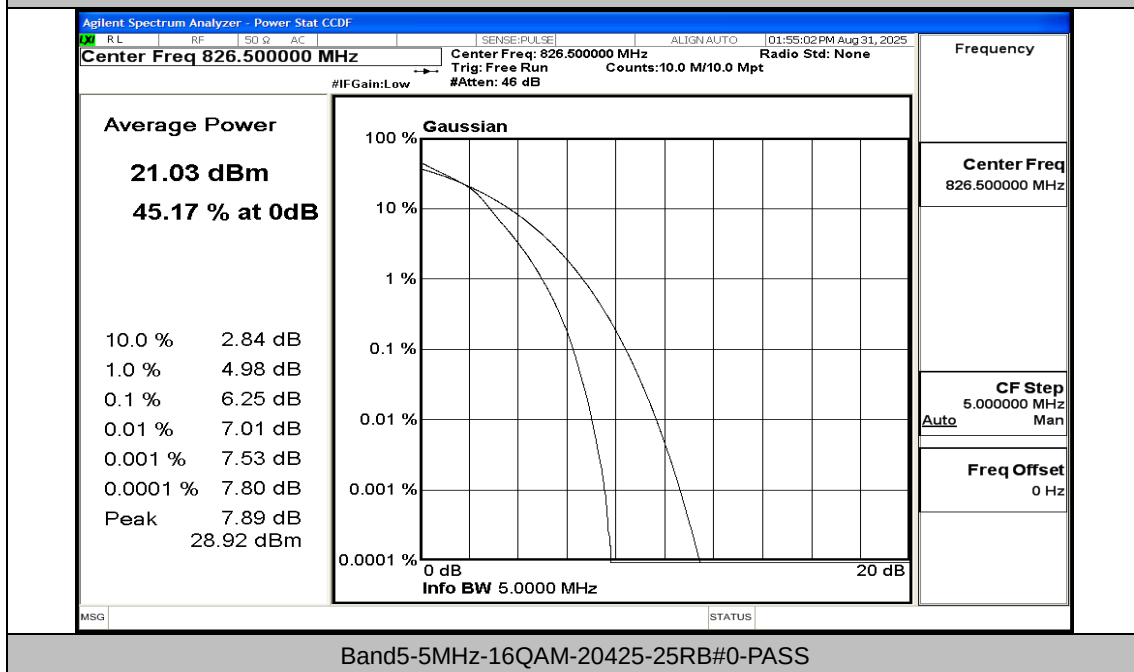
Band5-5MHz-QPSK-20425-1RB#0-PASS



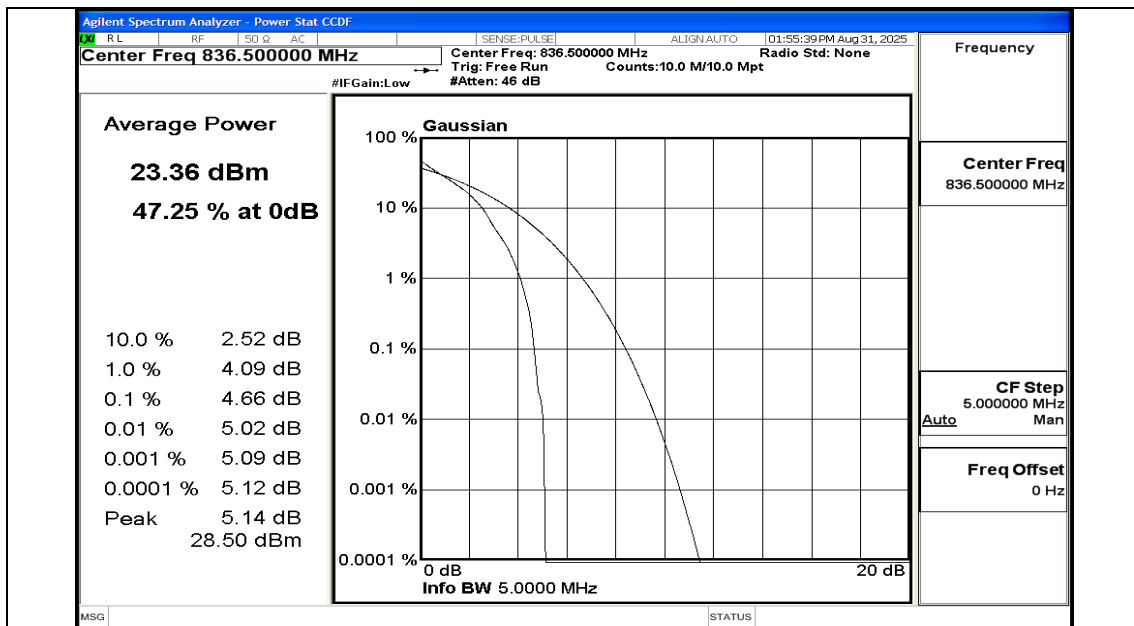
Band5-5MHz-16QAM-20425-1RB#0-PASS



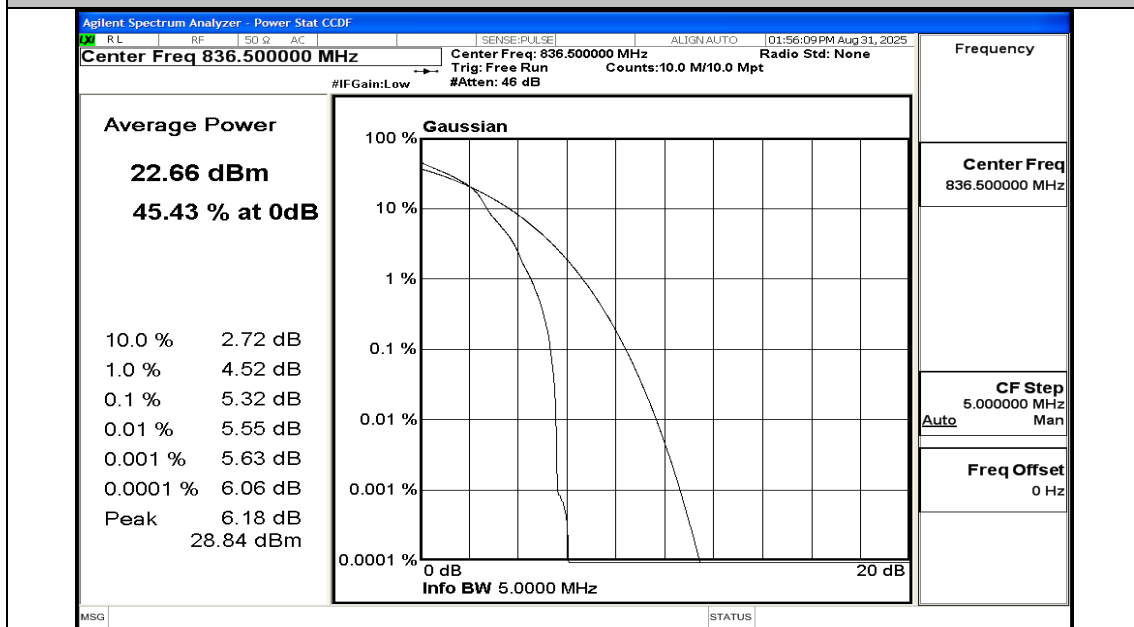
Band5-5MHz-QPSK-20425-25RB#0-PASS



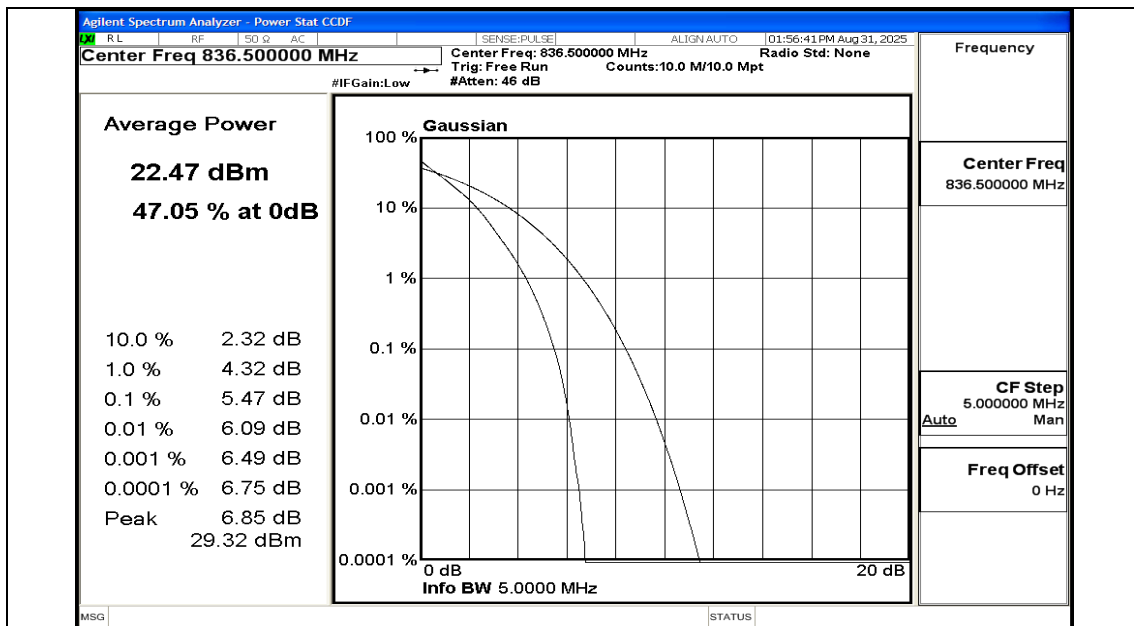
Band5-5MHz-16QAM-20425-25RB#0-PASS



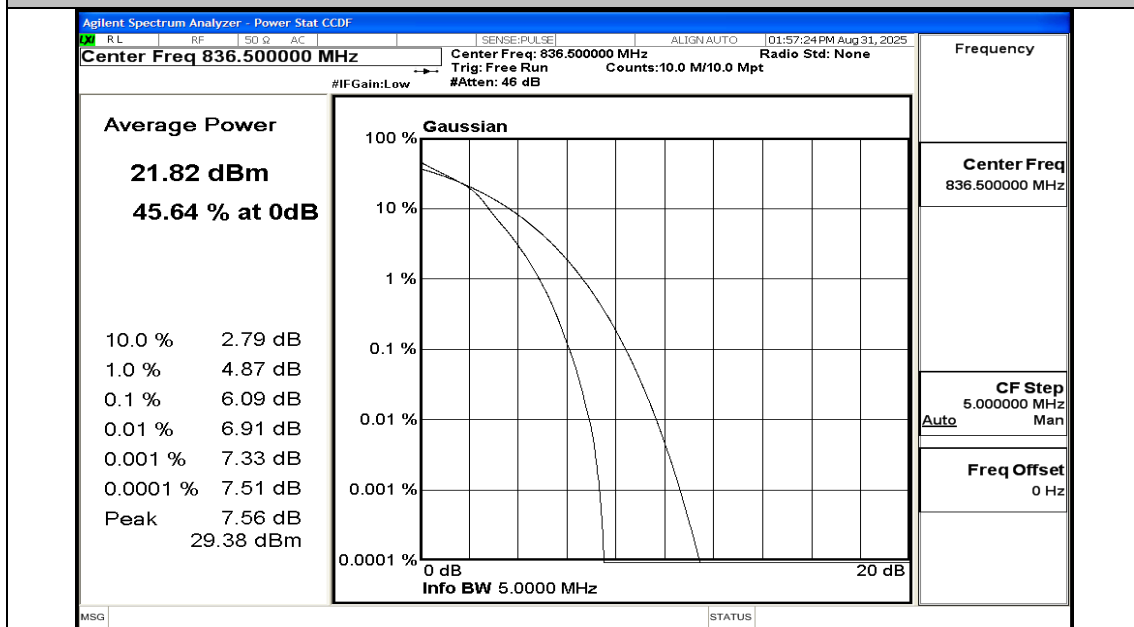
Band5-5MHz-QPSK-20525-1RB#0-PASS



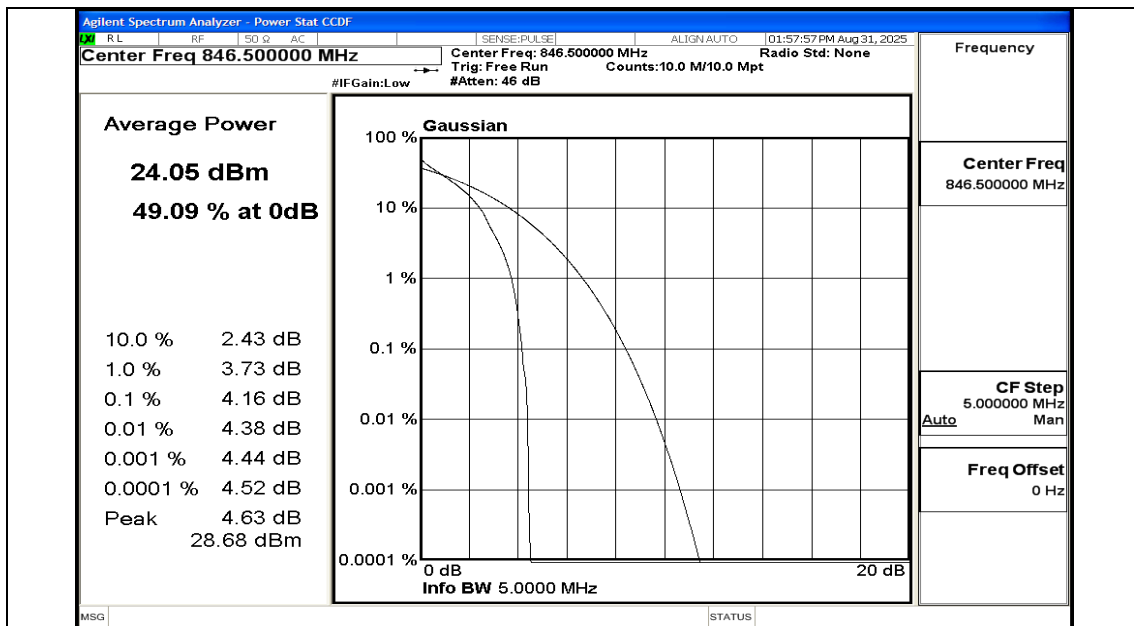
Band5-5MHz-16QAM-20525-1RB#0-PASS



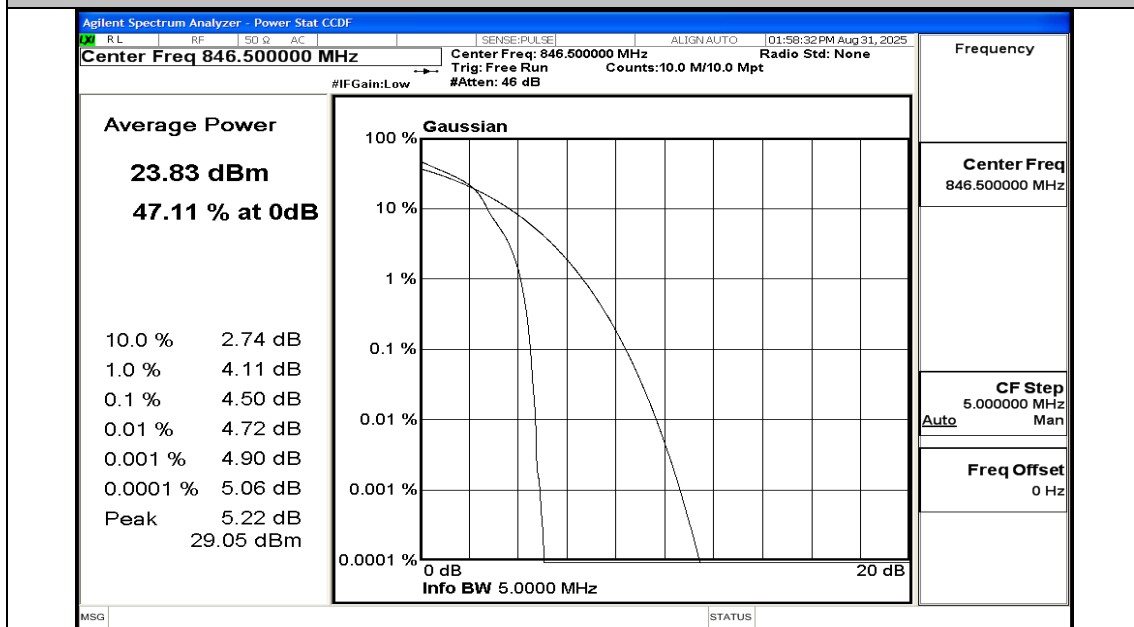
Band5-5MHz-QPSK-20525-25RB#0-PASS



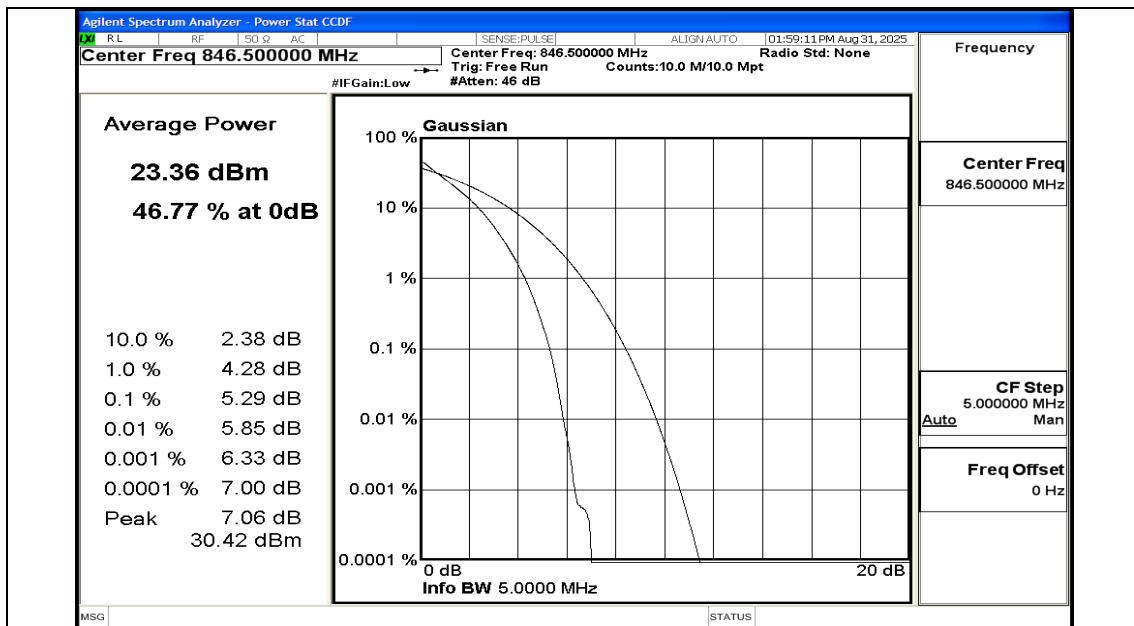
Band5-5MHz-16QAM-20525-25RB#0-PASS



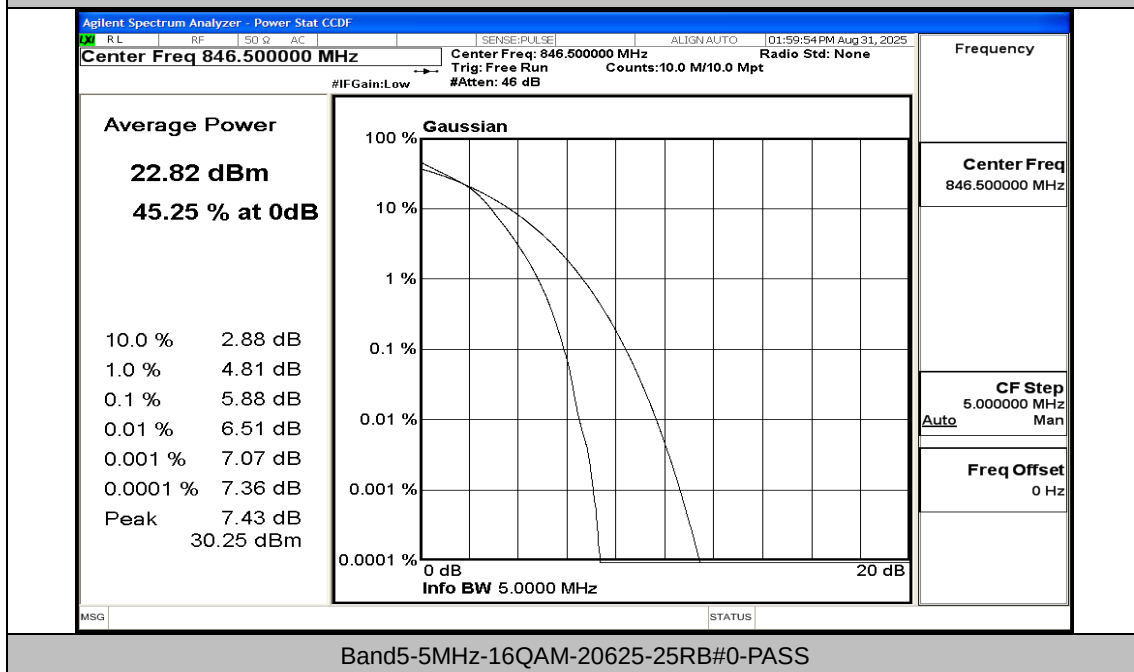
Band5-5MHz-QPSK-20625-1RB#0-PASS



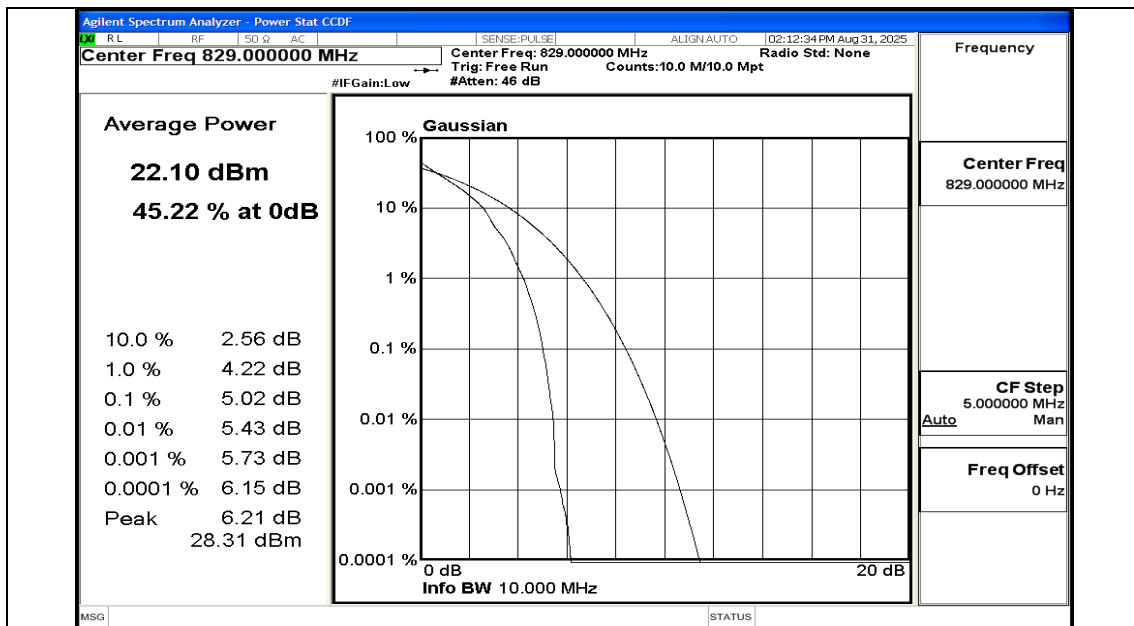
Band5-5MHz-16QAM-20625-1RB#0-PASS



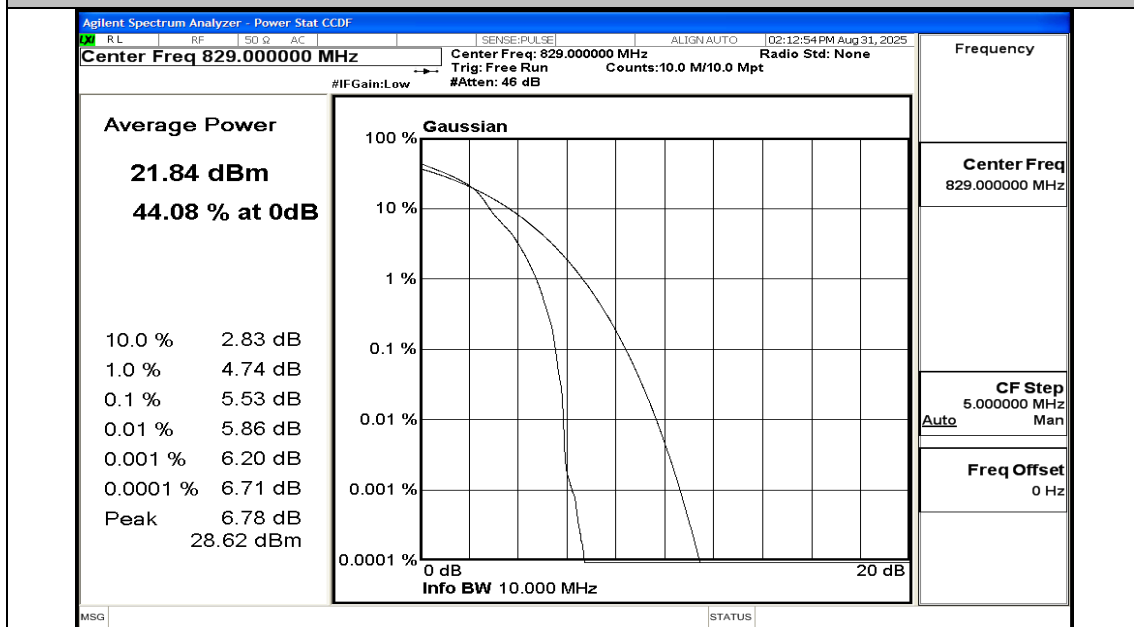
Band5-5MHz-QPSK-20625-25RB#0-PASS



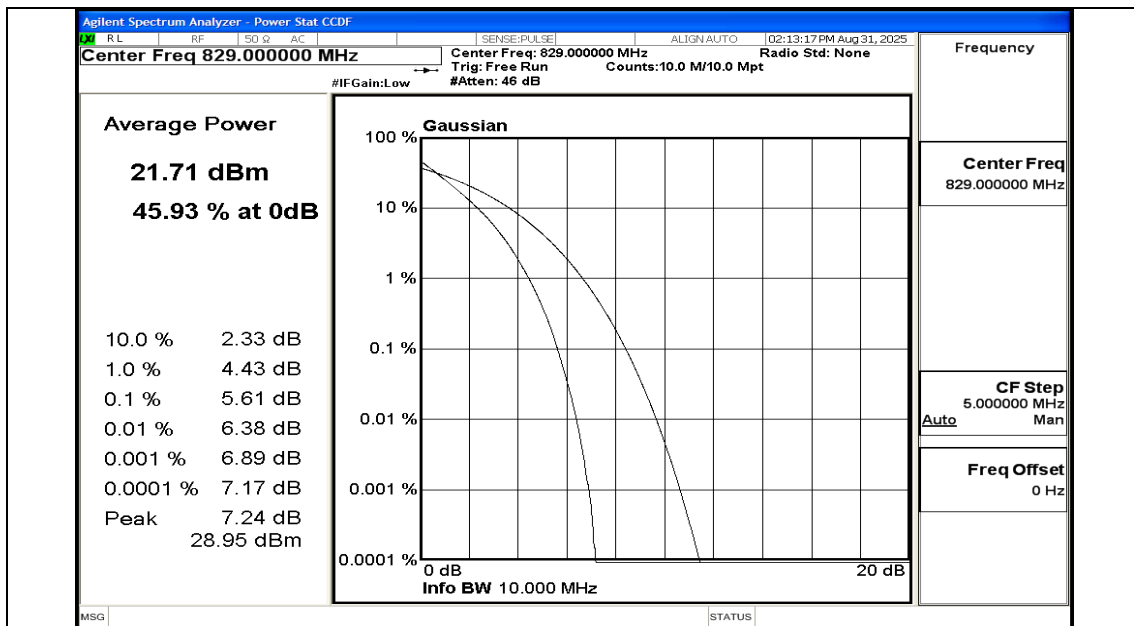
Band5-5MHz-16QAM-20625-25RB#0-PASS



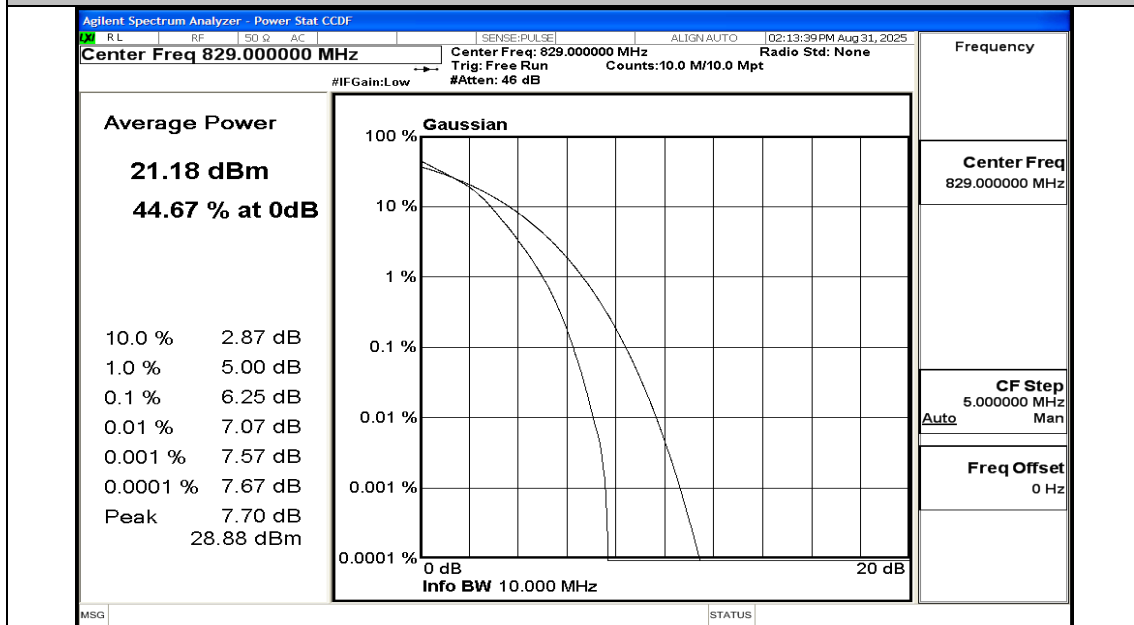
Band5-10MHz-QPSK-20450-1RB#0-PASS



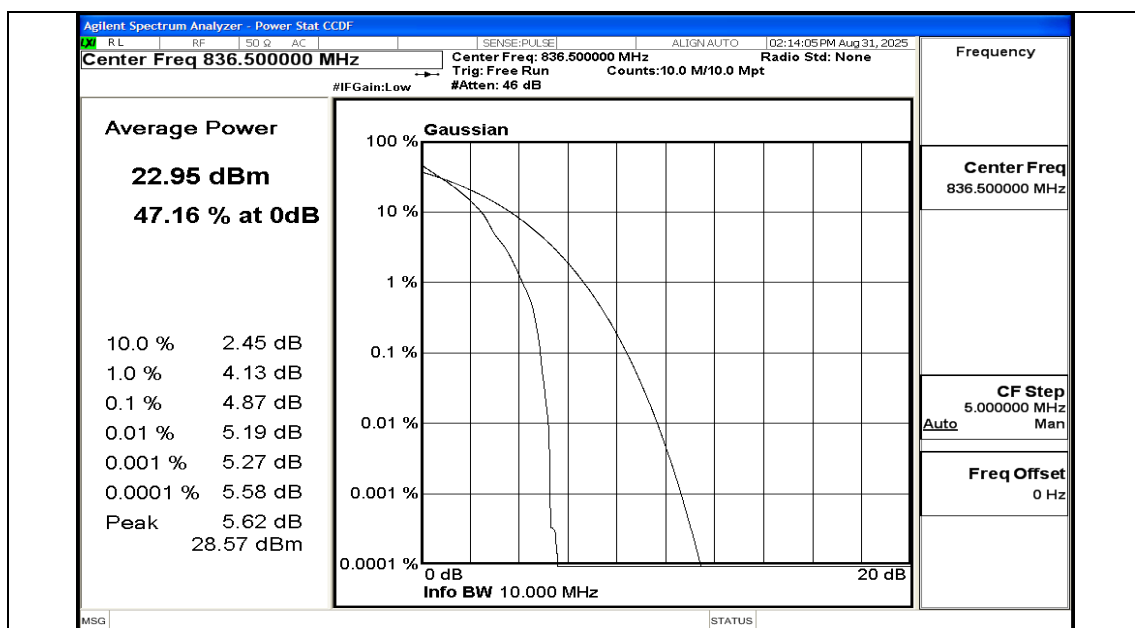
Band5-10MHz-16QAM-20450-1RB#0-PASS



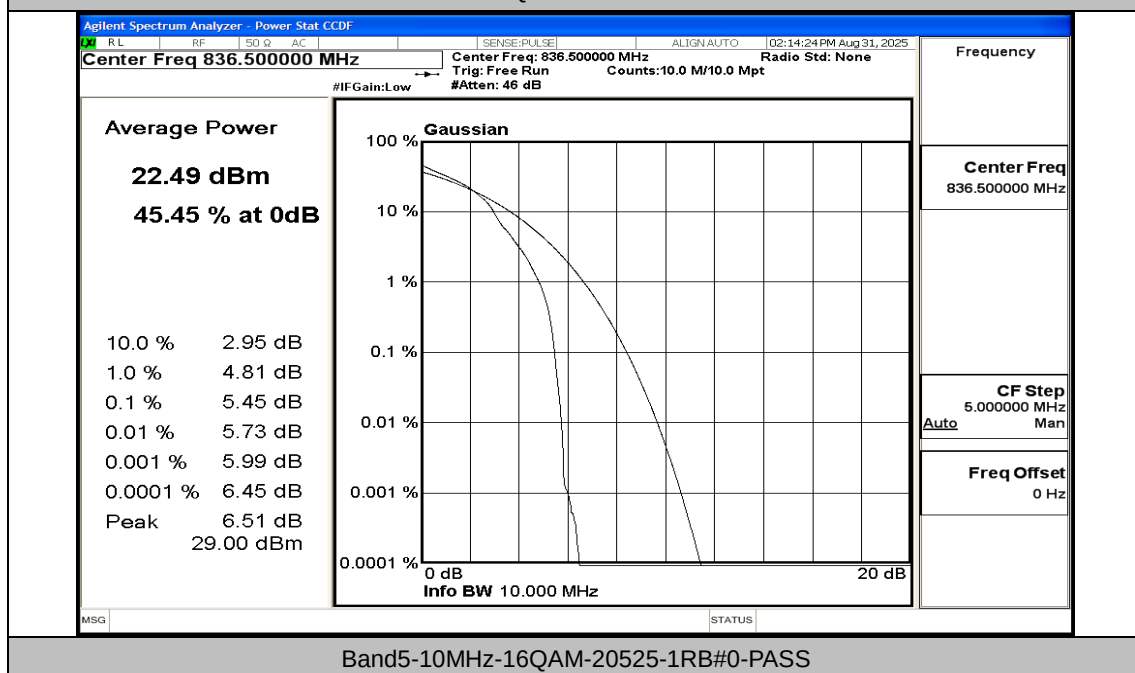
Band5-10MHz-QPSK-20450-50RB#0-PASS



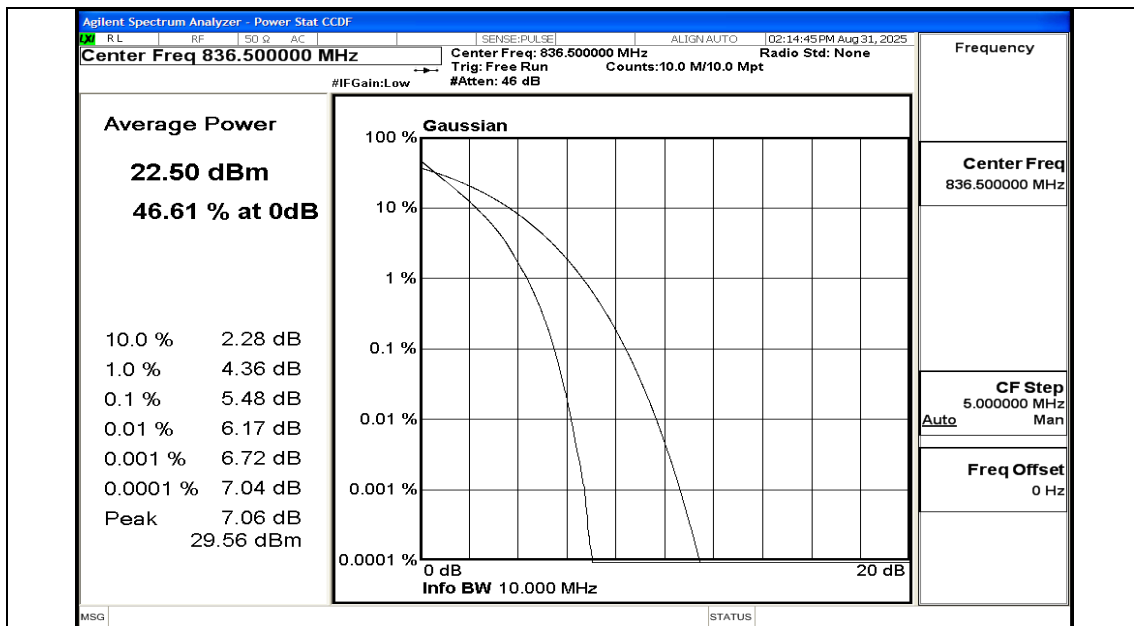
Band5-10MHz-16QAM-20450-50RB#0-PASS



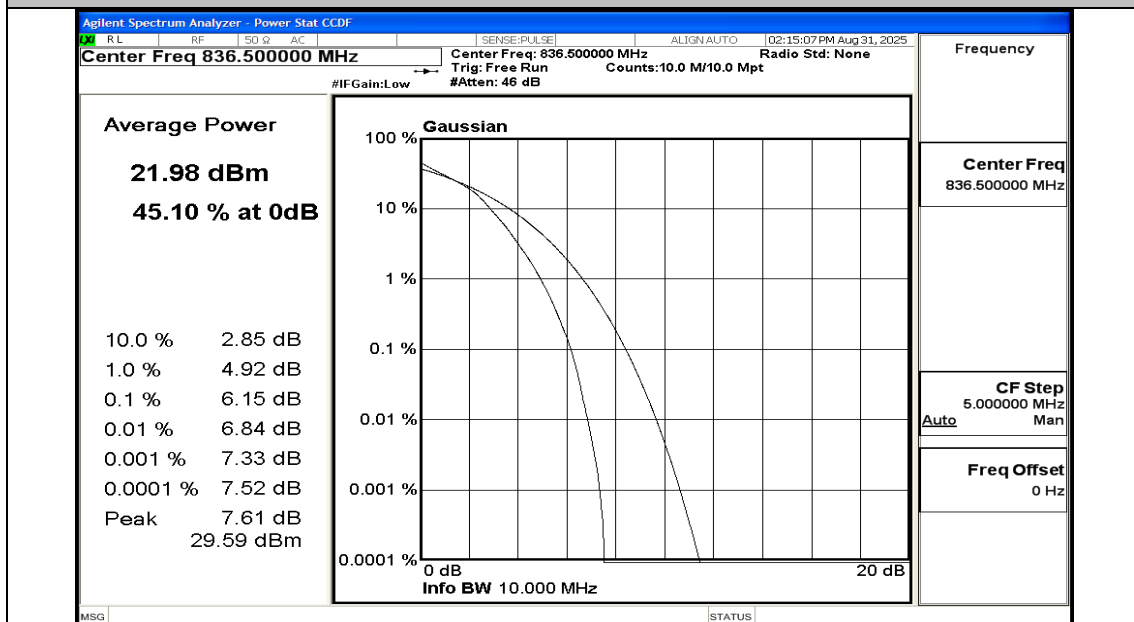
Band5-10MHz-QPSK-20525-1RB#0-PASS



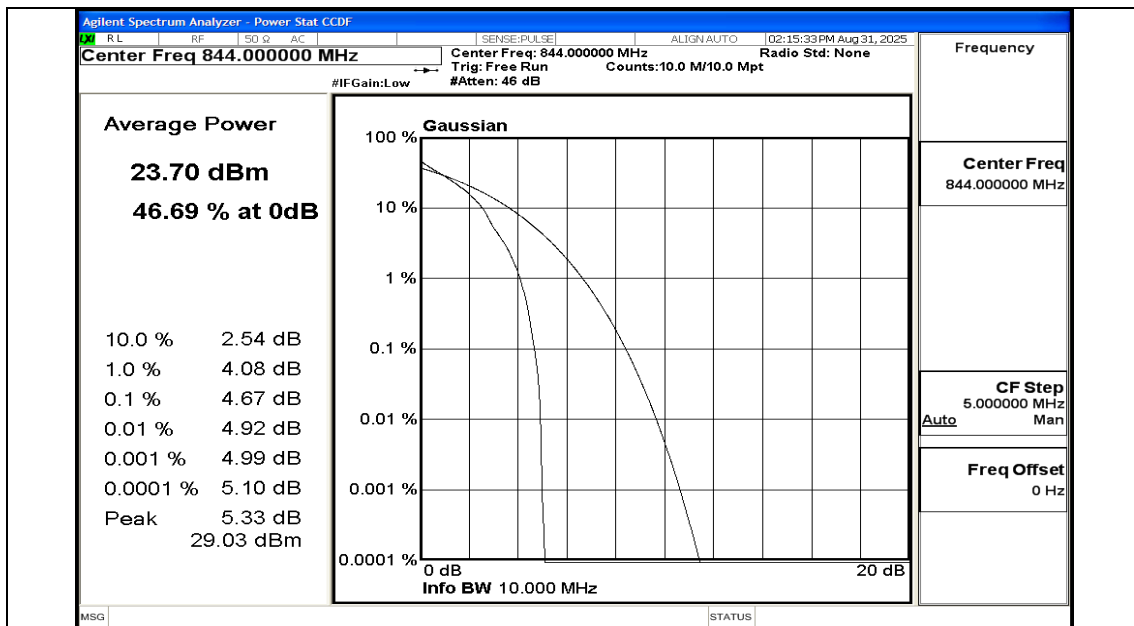
Band5-10MHz-16QAM-20525-1RB#0-PASS



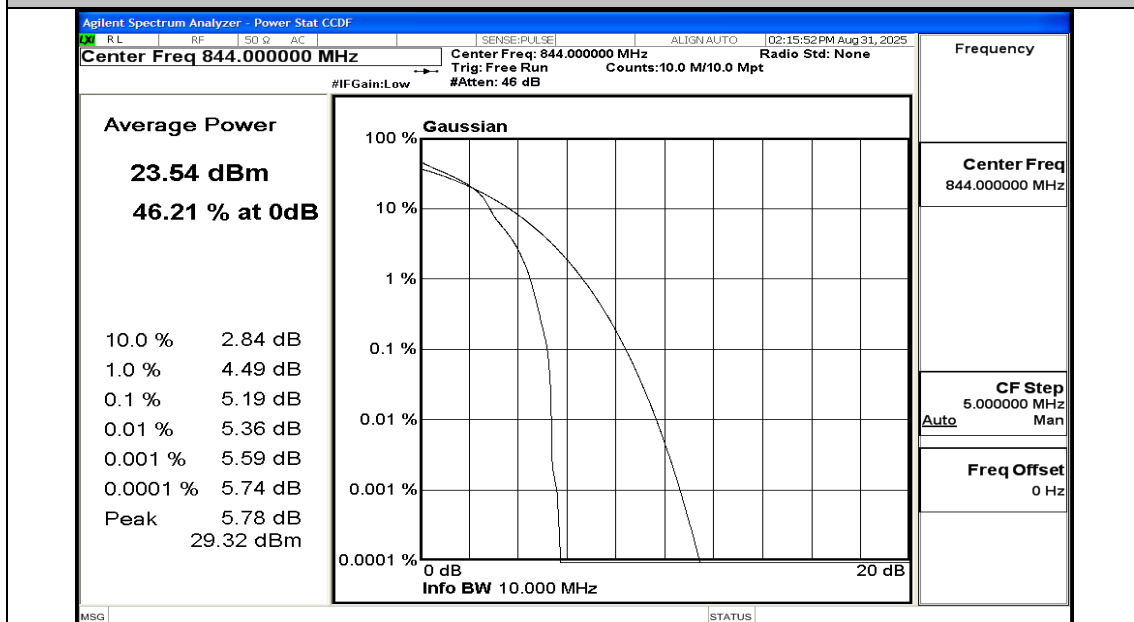
Band5-10MHz-QPSK-20525-50RB#0-PASS



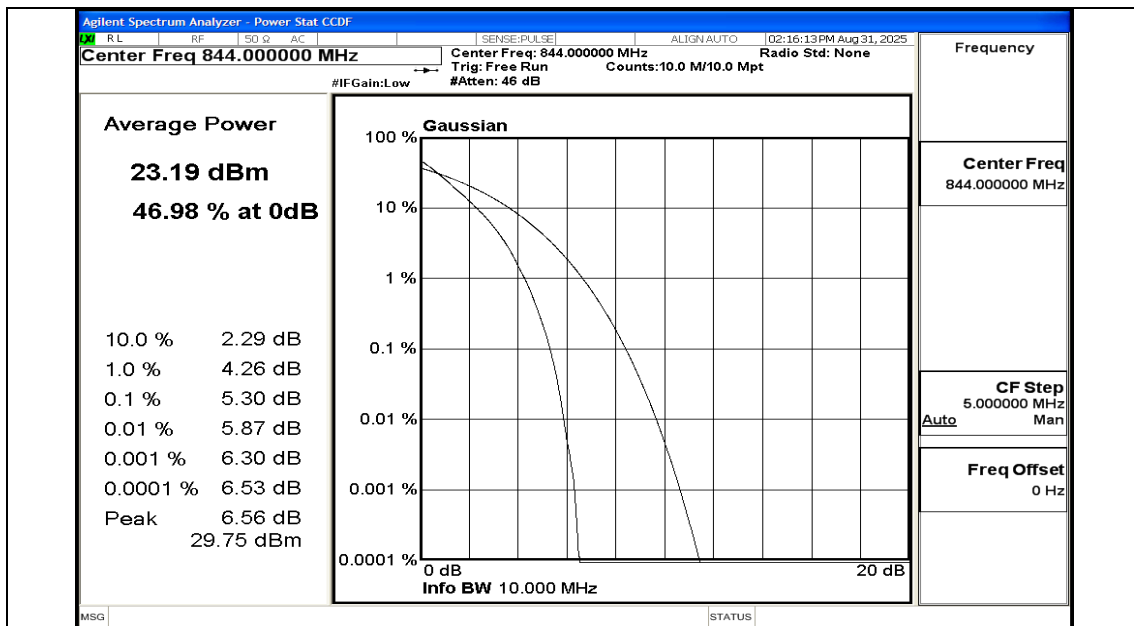
Band5-10MHz-16QAM-20525-50RB#0-PASS



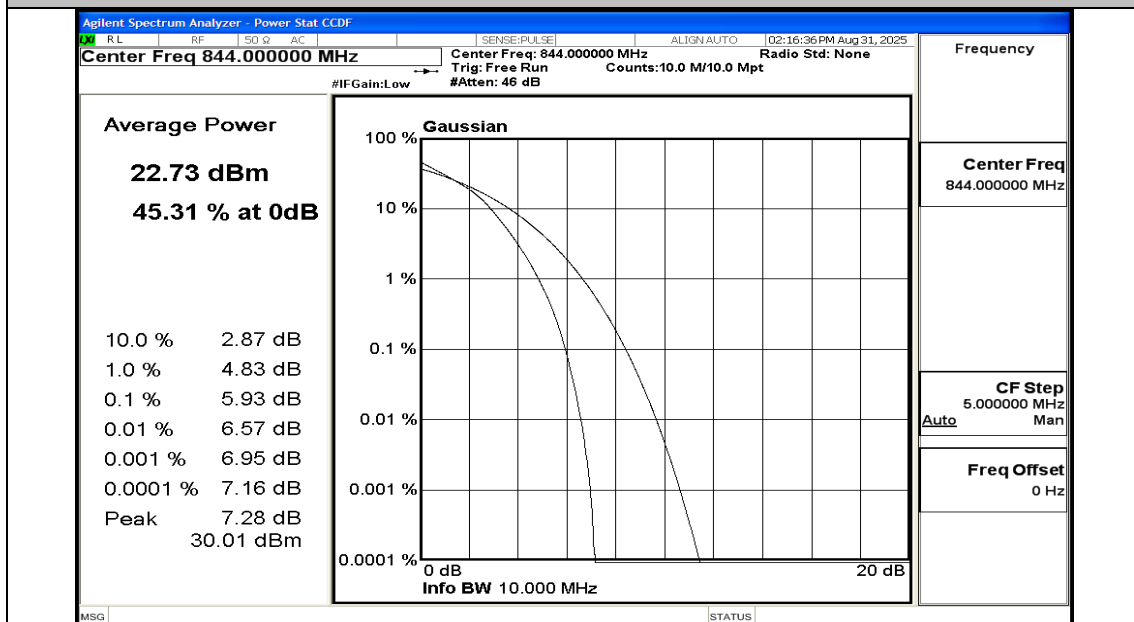
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



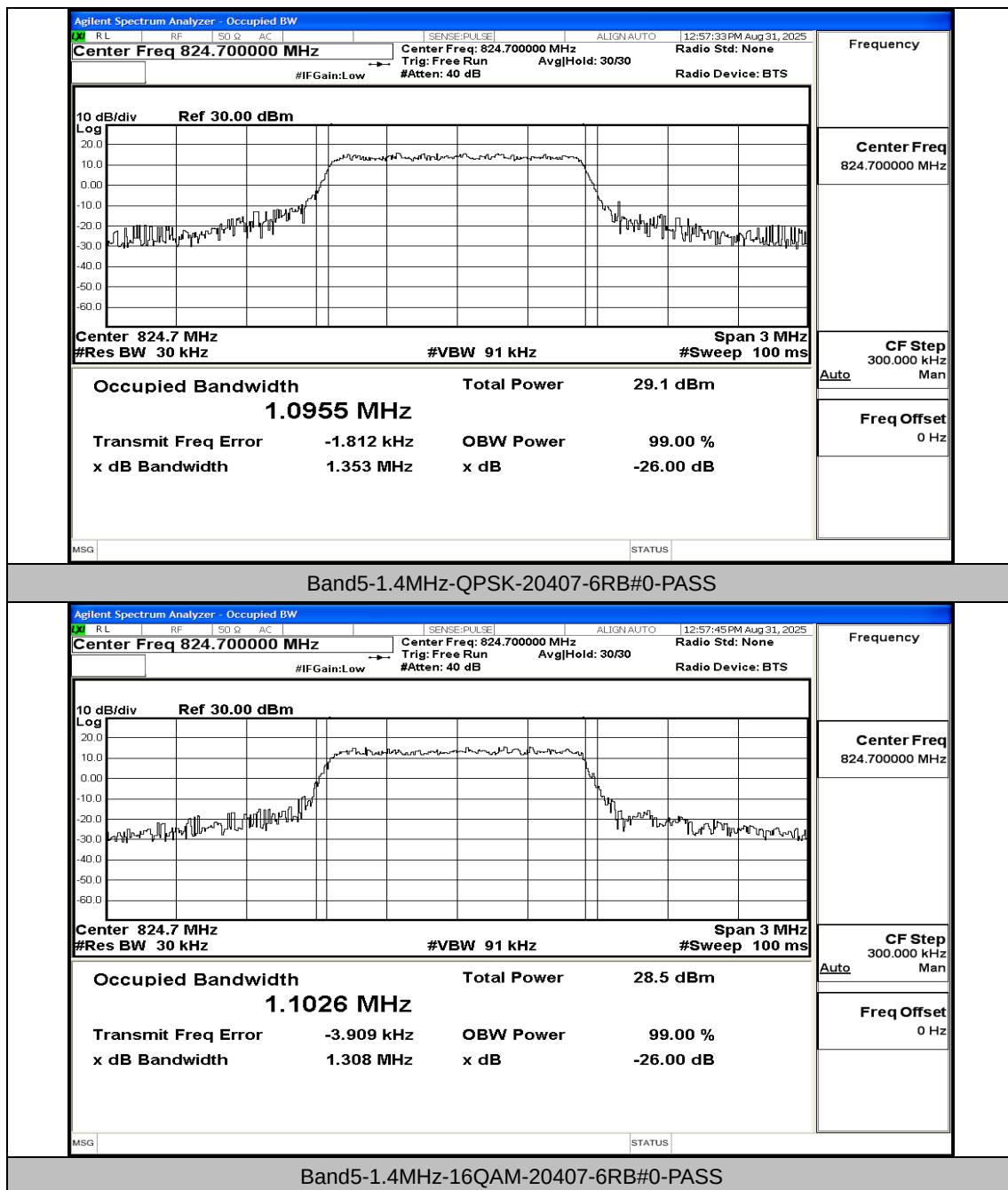
Band5-10MHz-16QAM-20600-50RB#0-PASS

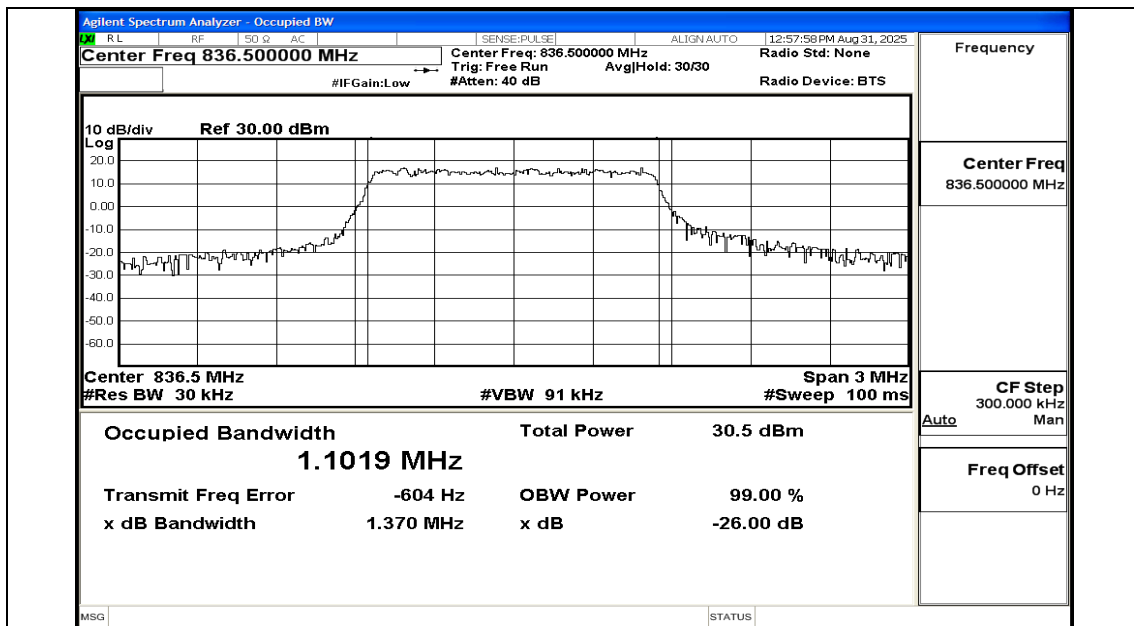
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

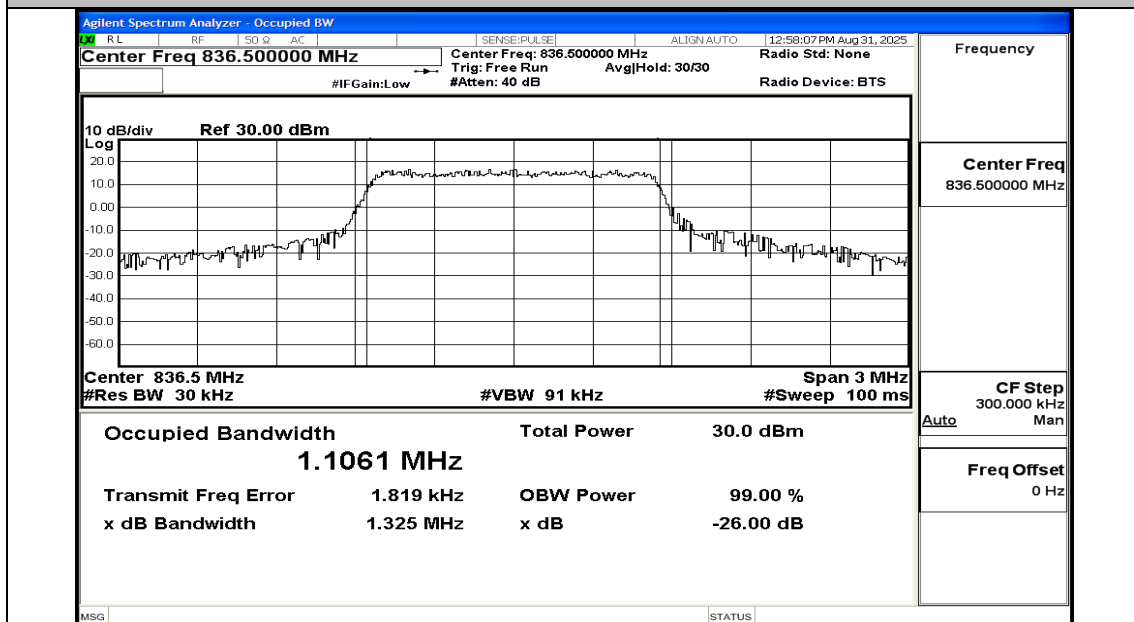
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0955	1.353	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1026	1.308	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1019	1.370	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1061	1.325	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1011	1.294	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0928	1.324	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7814	3.453	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7540	3.304	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7548	3.389	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7688	3.535	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7498	3.291	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7772	3.485	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5318	5.318	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5227	5.235	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5148	5.385	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5251	5.398	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5274	5.264	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5332	5.392	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9801	10.00	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9753	10.12	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9959	10.10	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0072	10.25	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9609	9.912	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9861	9.951	PASS

Test Graphs

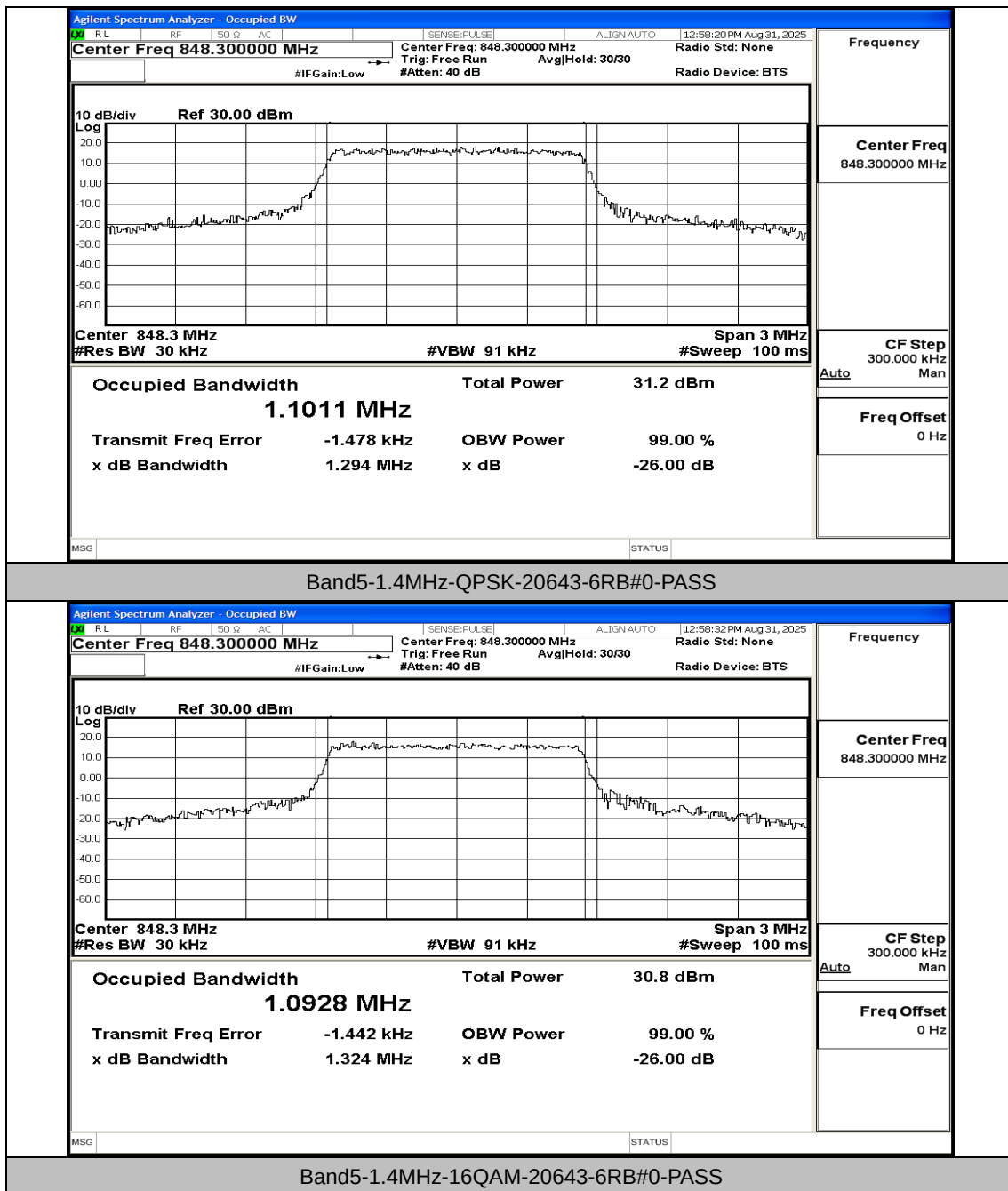


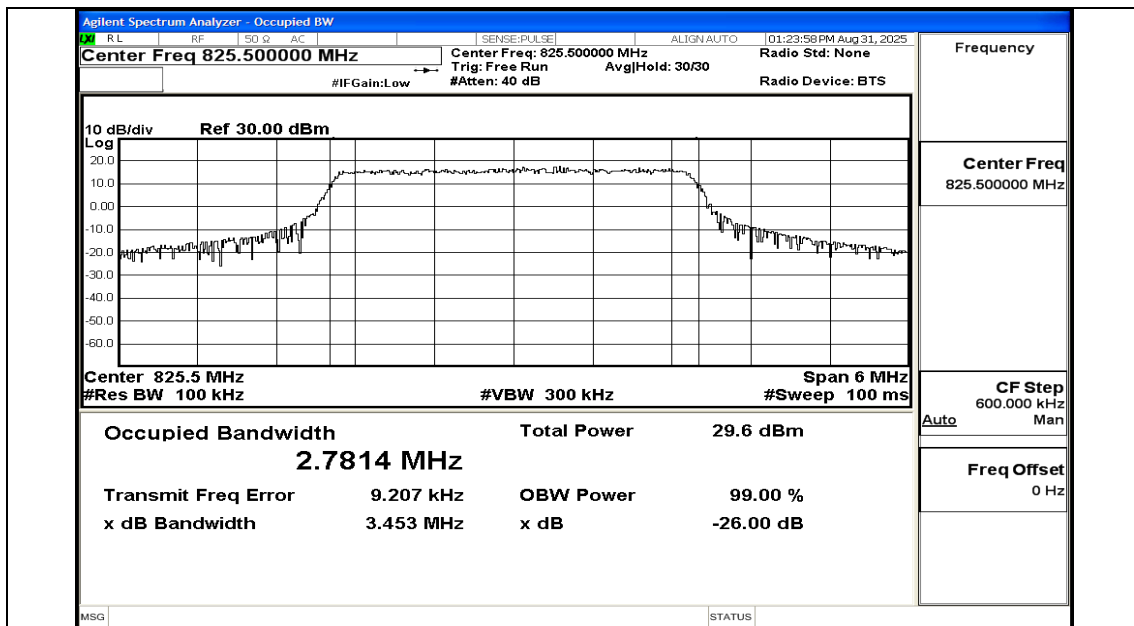


Band5-1.4MHz-QPSK-20525-6RB#0-PASS

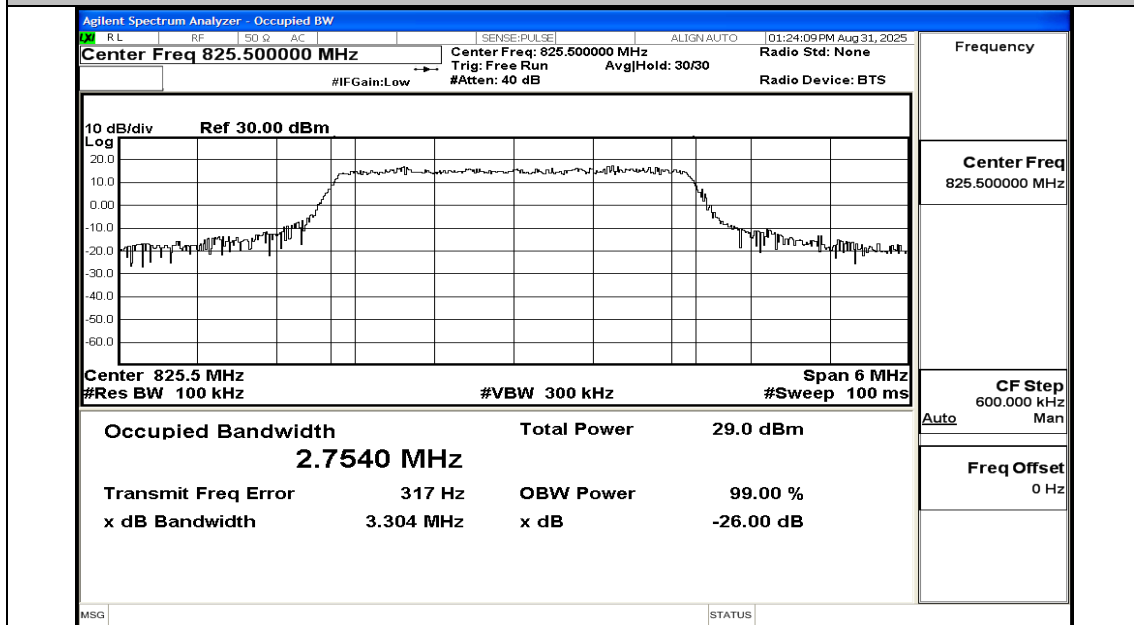


Band5-1.4MHz-16QAM-20525-6RB#0-PASS

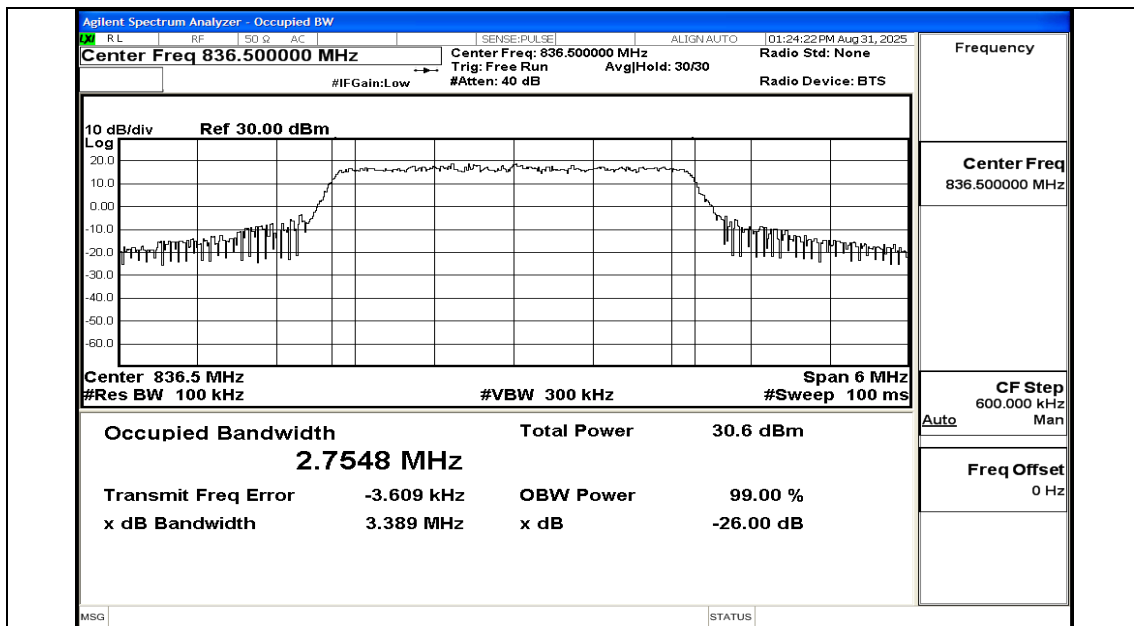




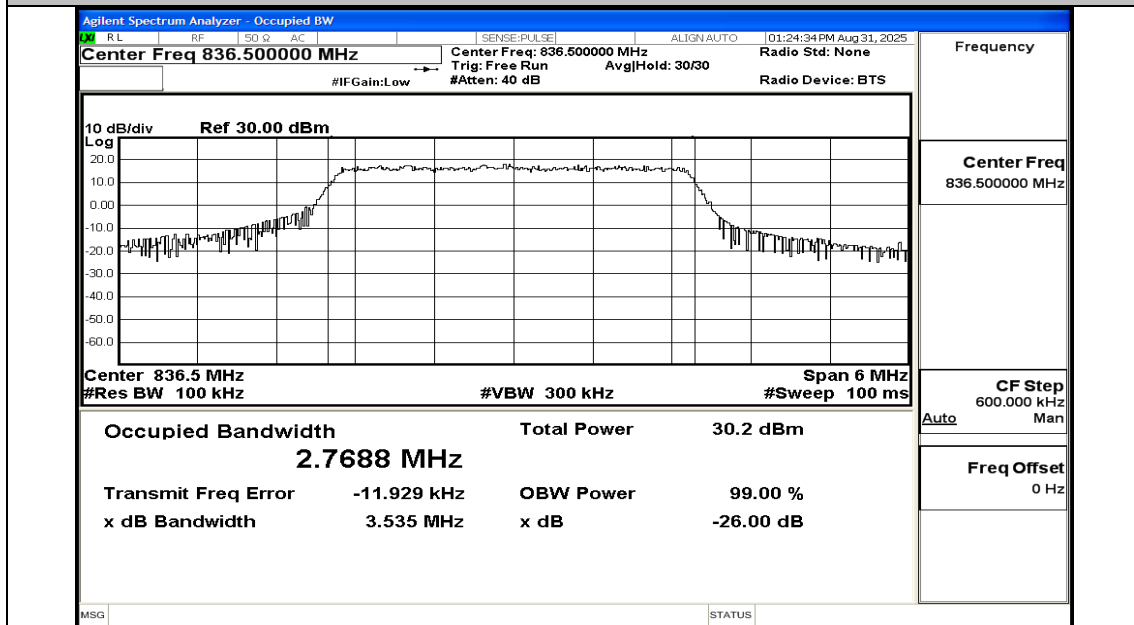
Band5-3MHz-QPSK-20415-15RB#0-PASS



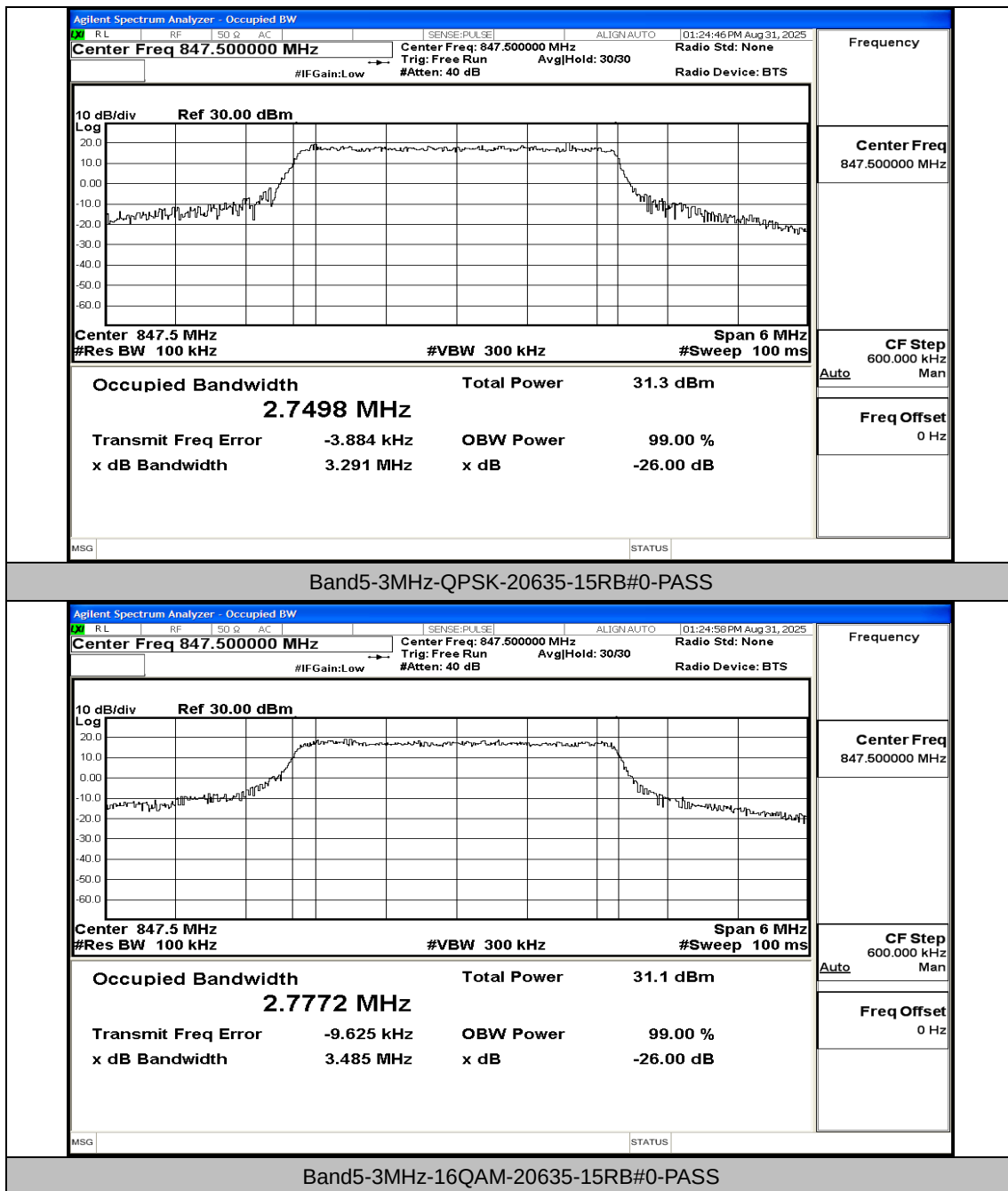
Band5-3MHz-16QAM-20415-15RB#0-PASS

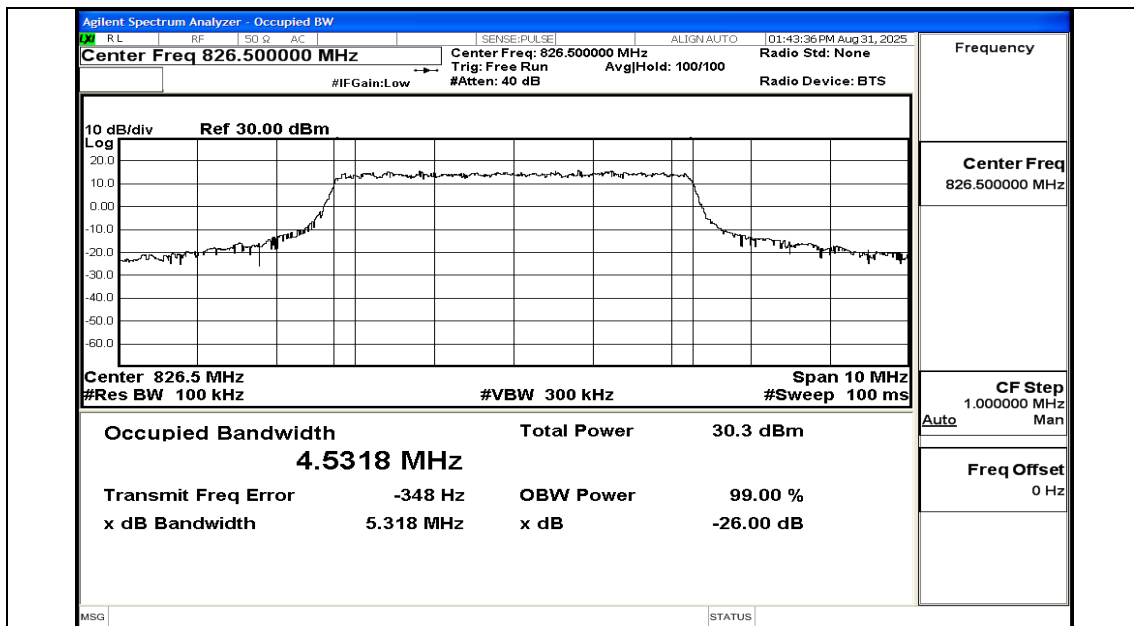


Band5-3MHz-QPSK-20525-15RB#0-PASS

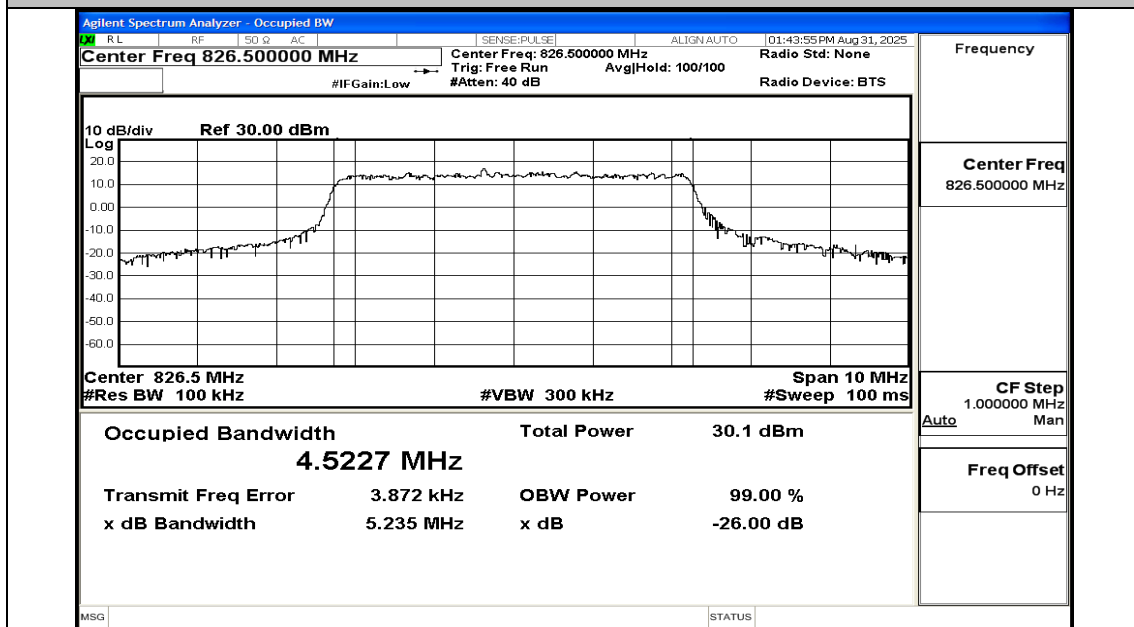


Band5-3MHz-16QAM-20525-15RB#0-PASS

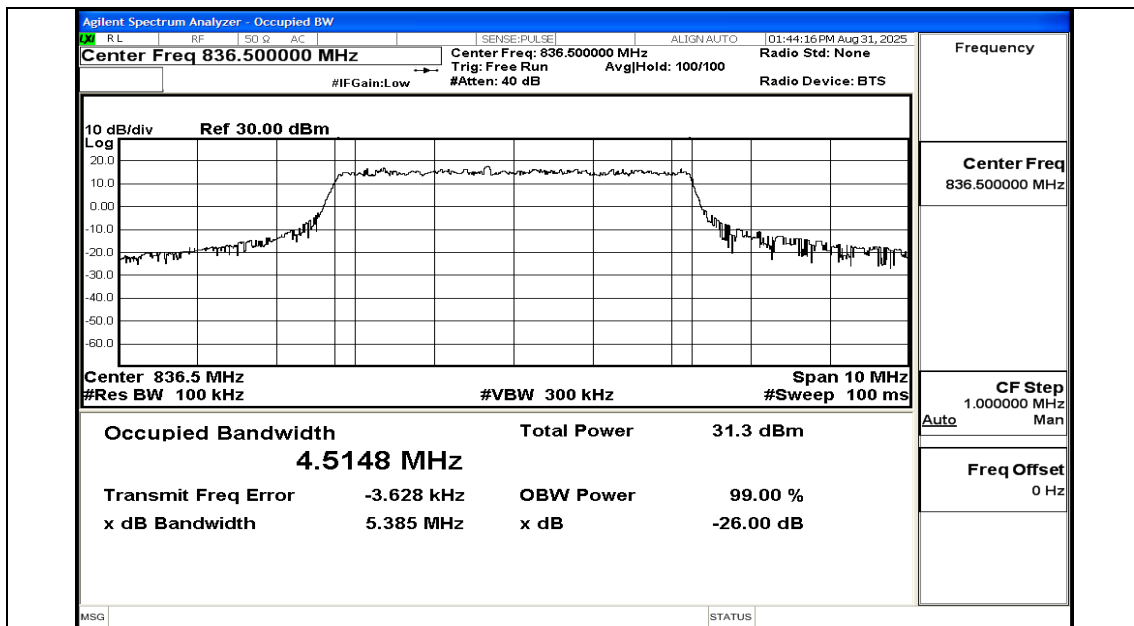




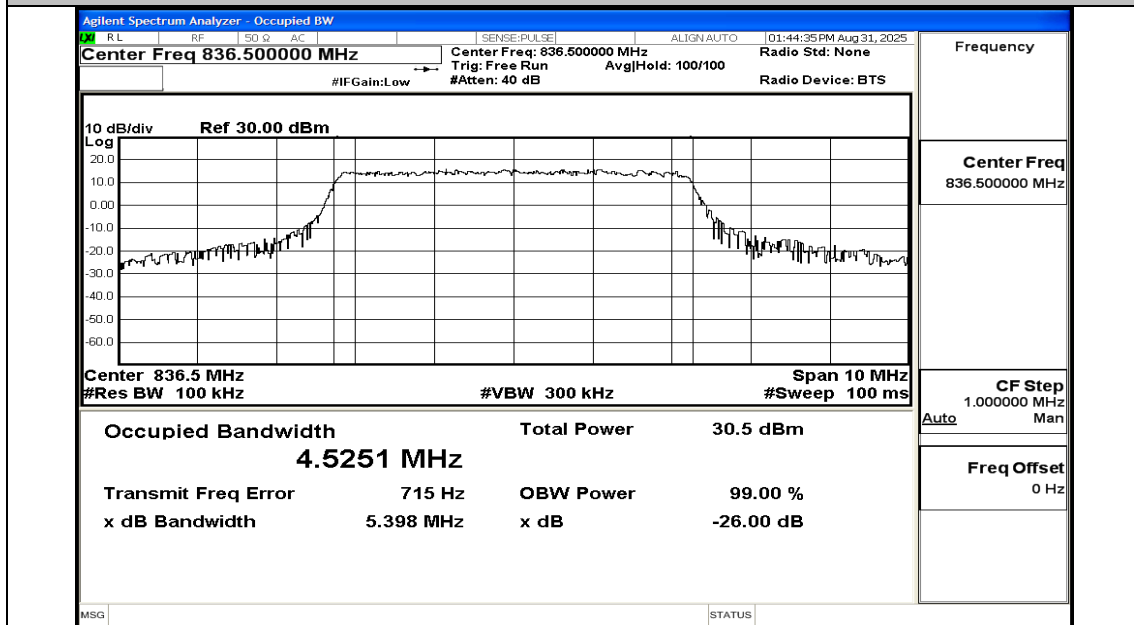
Band5-5MHz-QPSK-20425-25RB#0-PASS



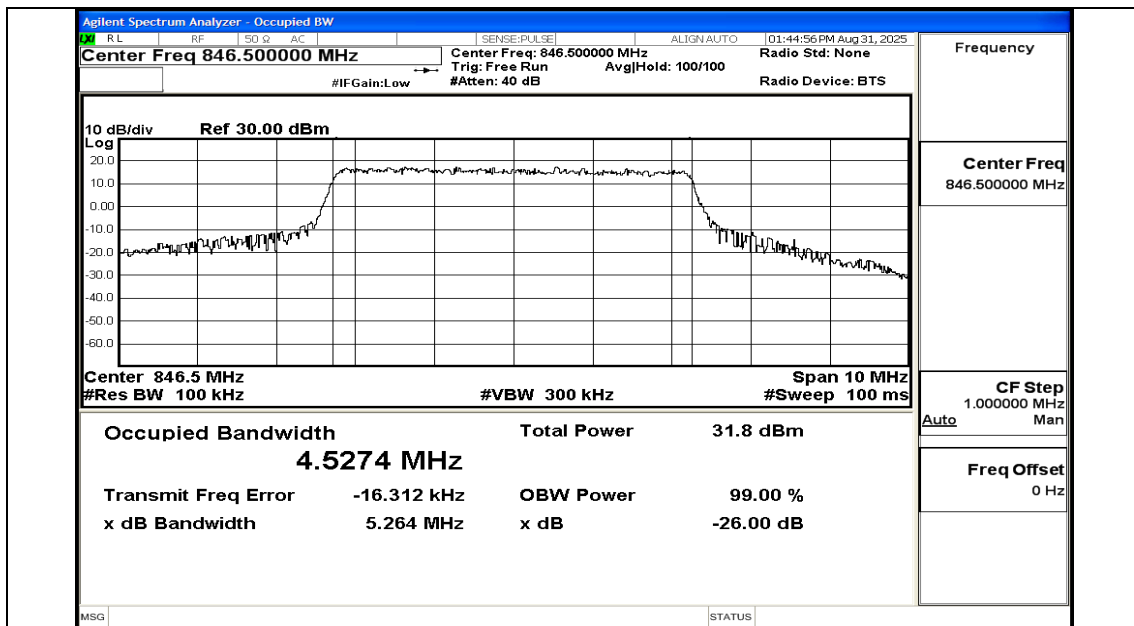
Band5-5MHz-16QAM-20425-25RB#0-PASS



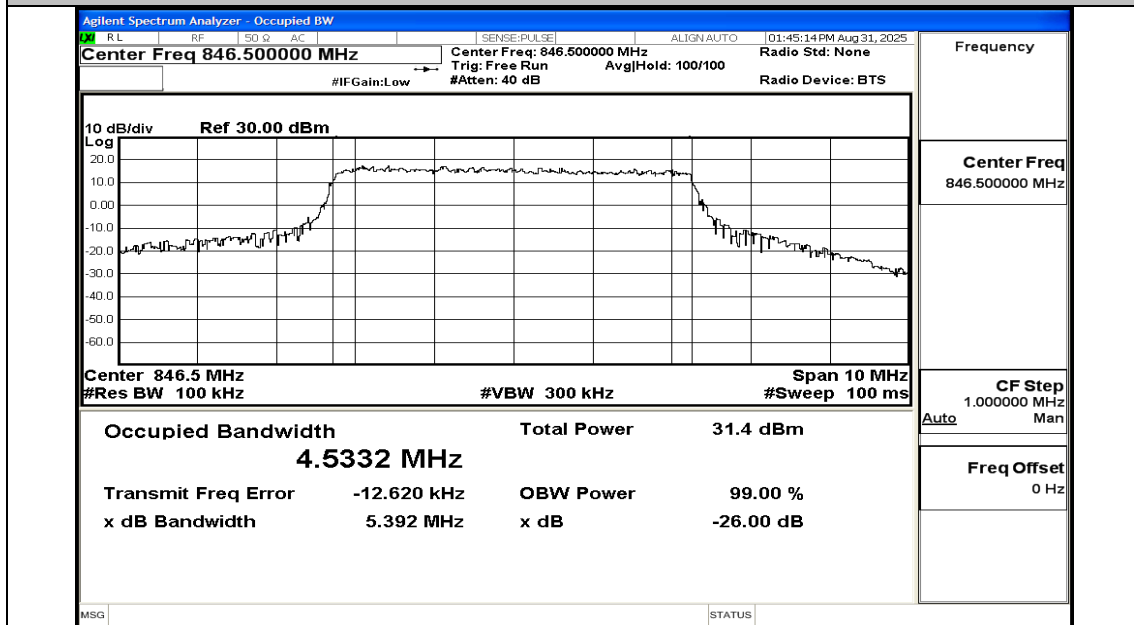
Band5-5MHz-QPSK-20525-25RB#0-PASS



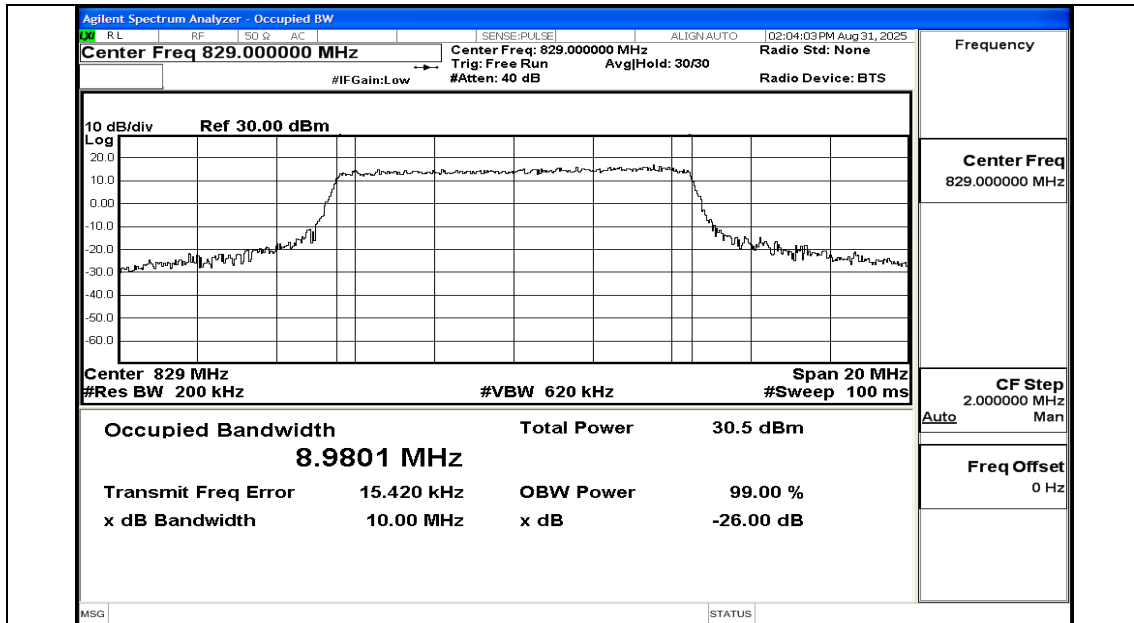
Band5-5MHz-16QAM-20525-25RB#0-PASS



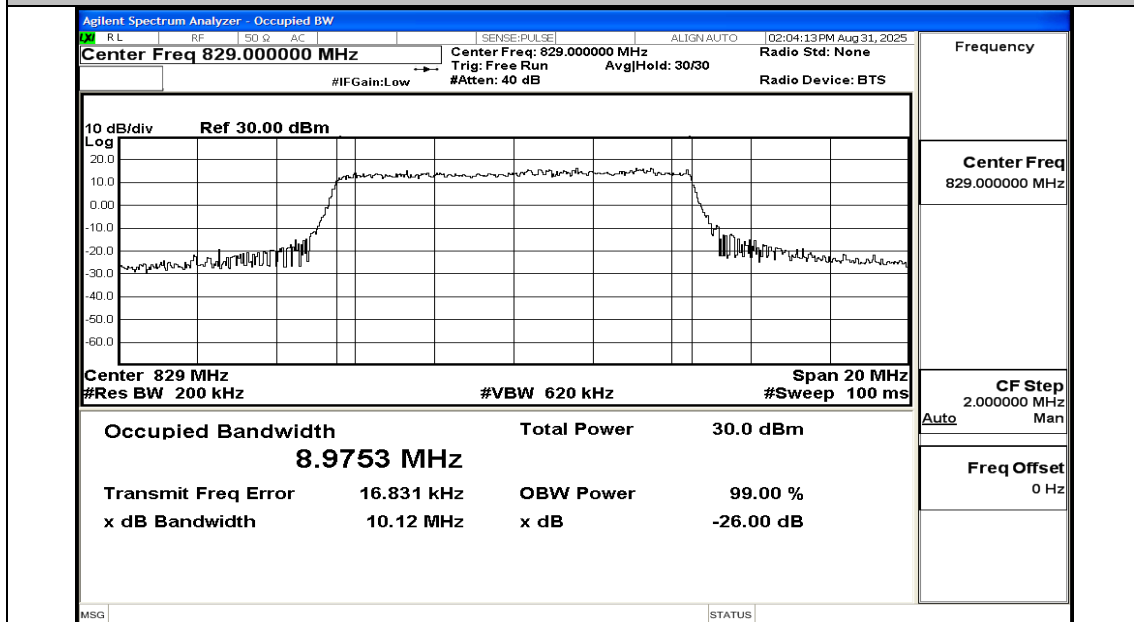
Band5-5MHz-QPSK-20625-25RB#0-PASS



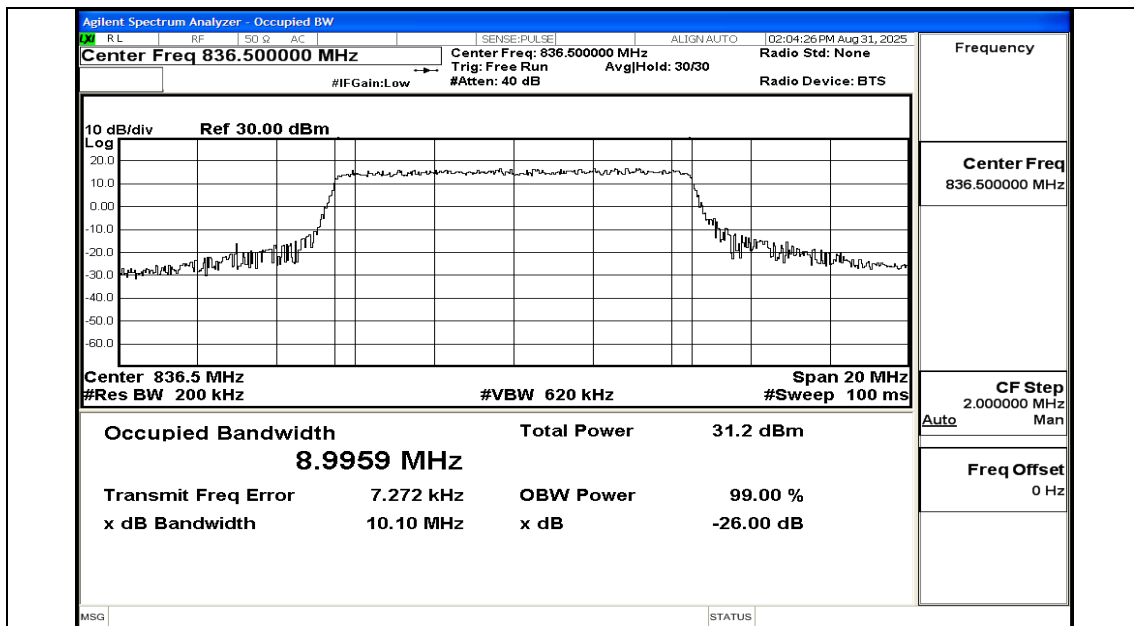
Band5-5MHz-16QAM-20625-25RB#0-PASS



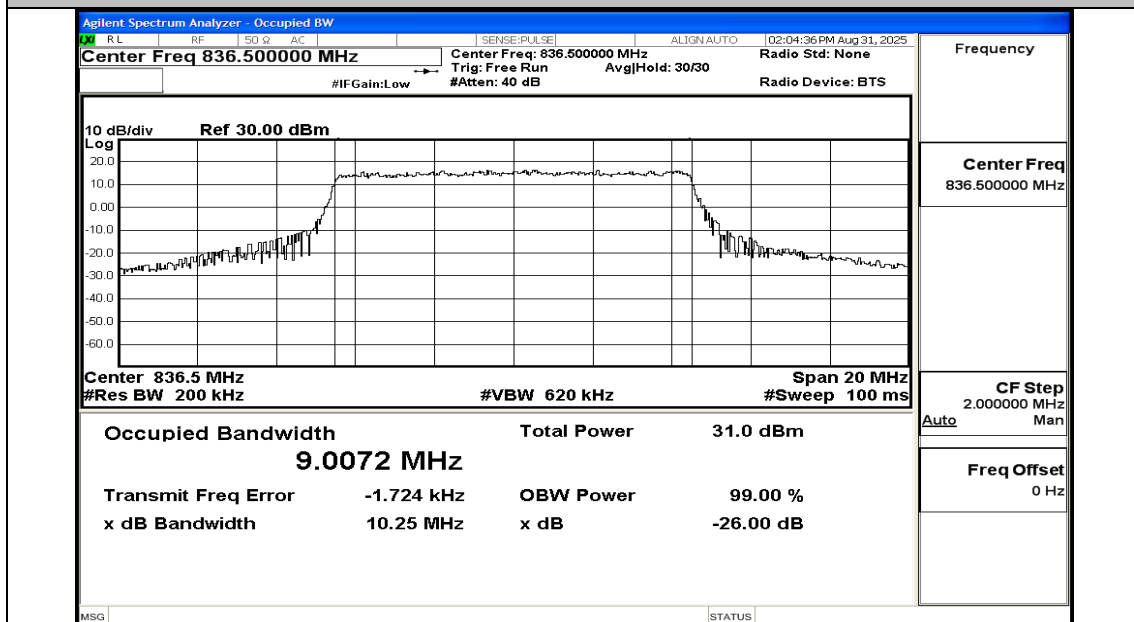
Band5-10MHz-QPSK-20450-50RB#0-PASS



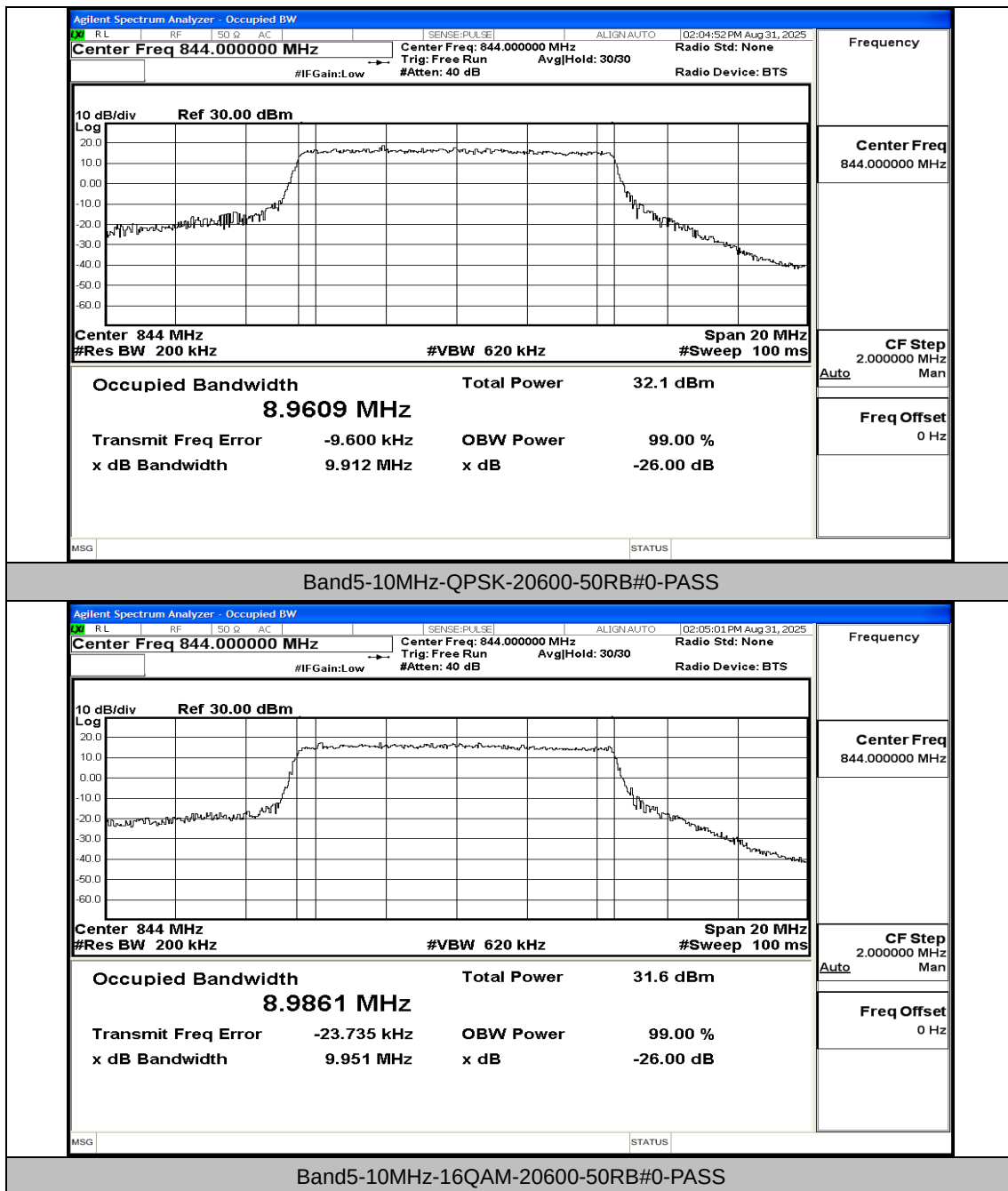
Band5-10MHz-16QAM-20450-50RB#0-PASS



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



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



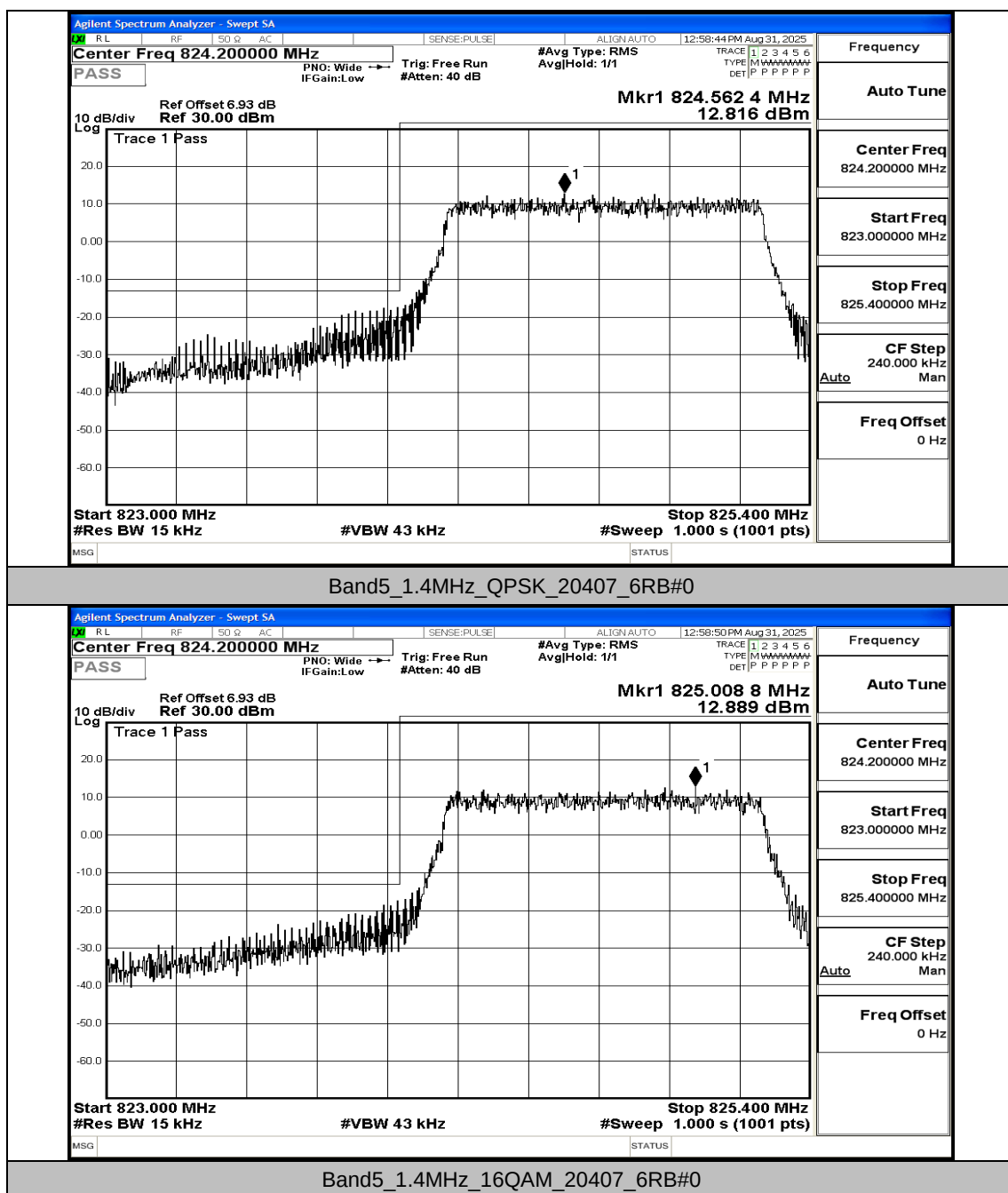
Appendix D: Band Edge

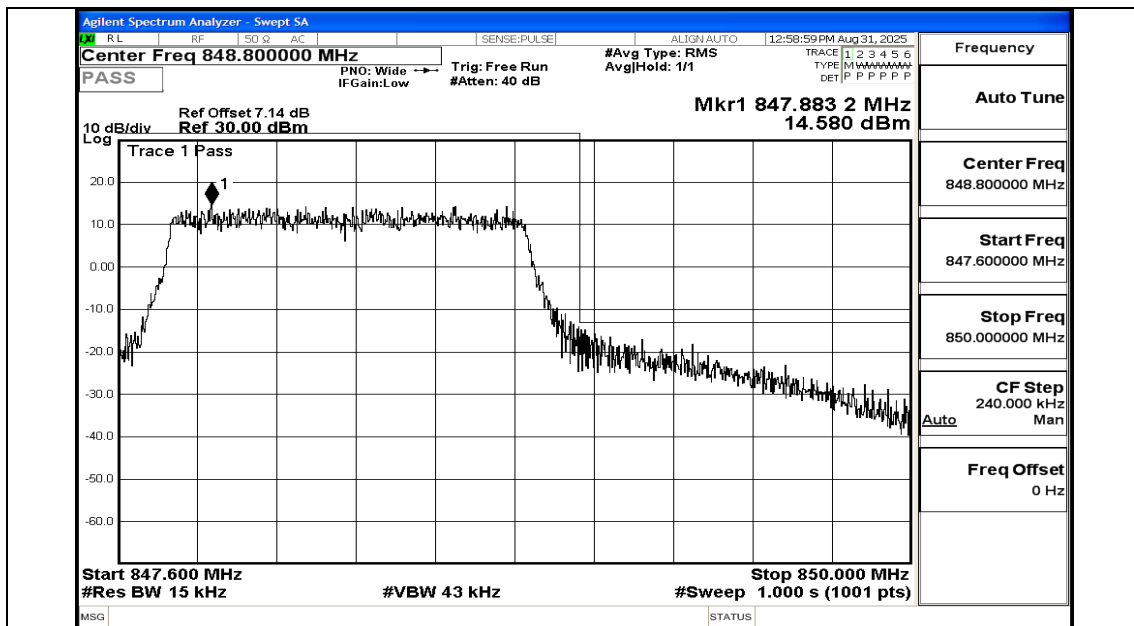
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band 5	1.4MHz	QPSK	20407	6RB#0	824.00	-17.40	PASS
Band 5	1.4MHz	16QAM	20407	6RB#0	824.00	-17.47	PASS
Band 5	1.4MHz	QPSK	20643	6RB#0	849.01	-14.79	PASS
Band 5	1.4MHz	16QAM	20643	6RB#0	849.01	-14.81	PASS
Band 5	3MHz	QPSK	20415	15RB#0	823.97	-27.83	PASS
Band 5	3MHz	16QAM	20415	15RB#0	823.97	-26.01	PASS
Band 5	3MHz	QPSK	20635	15RB#0	849.02	-23.64	PASS_Final 1
Band 5	3MHz	16QAM	20635	15RB#0	849.03	-25.52	PASS_Final 1
Band 5	5MHz	QPSK	20625	25RB#0	849.03	-28.29	PASS_Final 1
Band 5	3MHz	QPSK	20635	15RB#0	849.00	-26.70	PASS
Band 5	3MHz	16QAM	20635	15RB#0	849.00	-26.10	PASS
Band 5	5MHz	QPSK	20425	25RB#0	823.98	-27.19	PASS
Band 5	5MHz	16QAM	20425	25RB#0	823.98	-29.56	PASS
Band 5	5MHz	QPSK	20625	25RB#0	849.05	-26.60	PASS
Band 5	5MHz	16QAM	20625	25RB#0	849.03	-27.85	PASS_Final 1
Band 5	10MHz	QPSK	20600	50RB#0	849.10	-29.00	PASS_Final 1
Band 5	5MHz	16QAM	20625	25RB#0	849.00	-23.24	PASS
Band 5	10MHz	QPSK	20450	50RB#0	823.96	-31.04	PASS

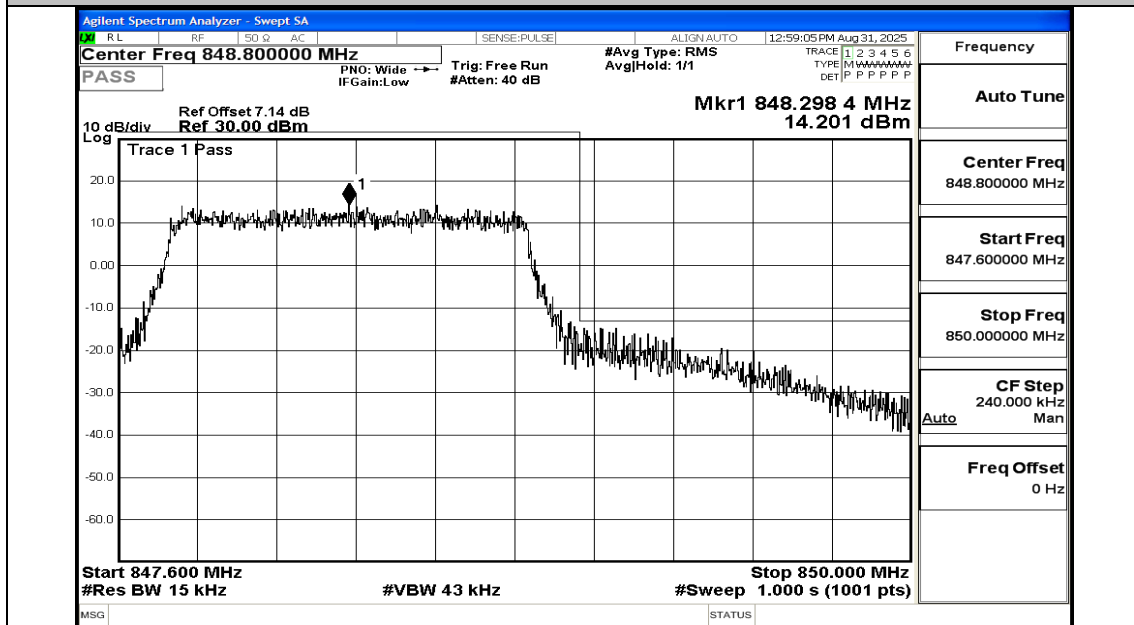
Band 5	10MHz	16QAM	20450	50RB#0	823.99	-31.55	PASS
Band 5	10MHz	QPSK	20600	50RB#0	849.02	-26.08	PASS
Band 5	10MHz	16QAM	20600	50RB#0	849.07	-27.74	PASS

Test Graphs

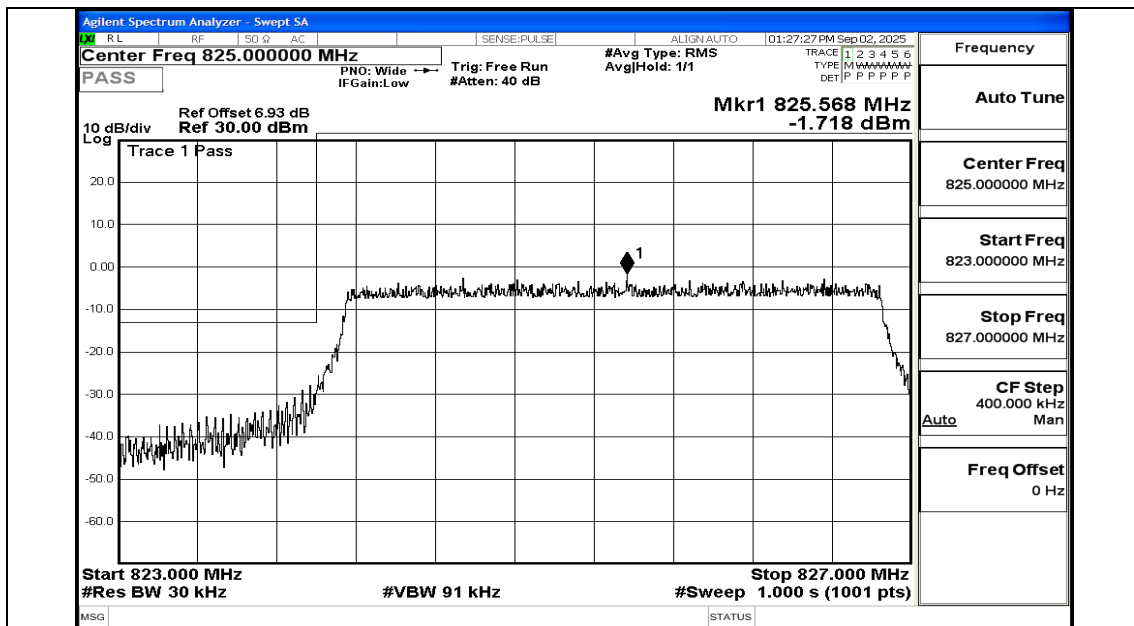




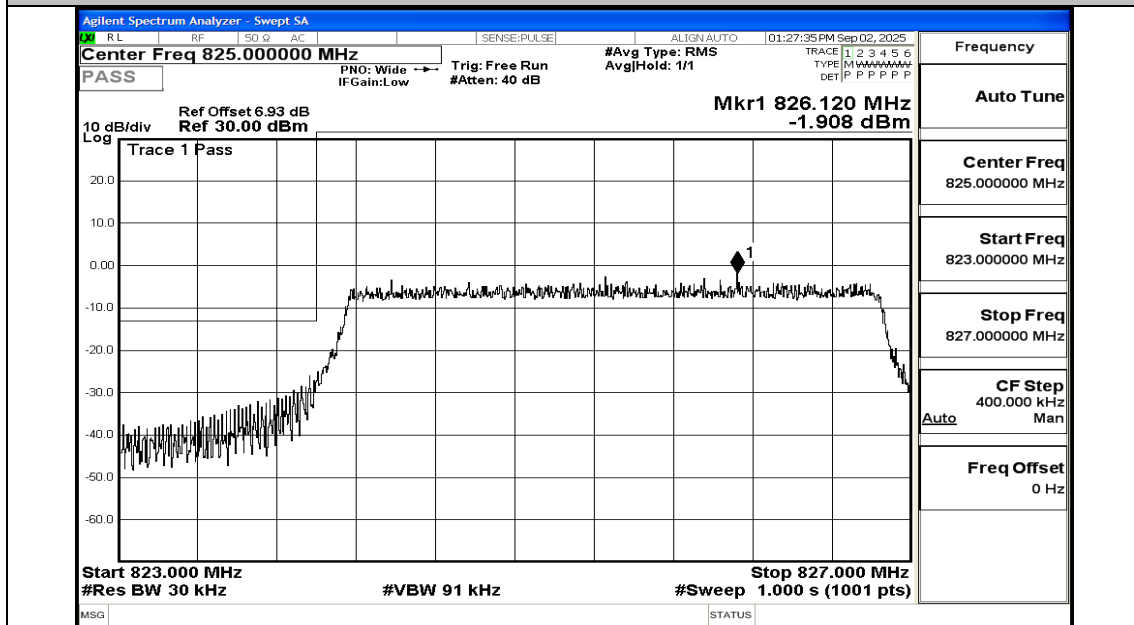
Band5_1.4MHz_QPSK_20643_6RB#0



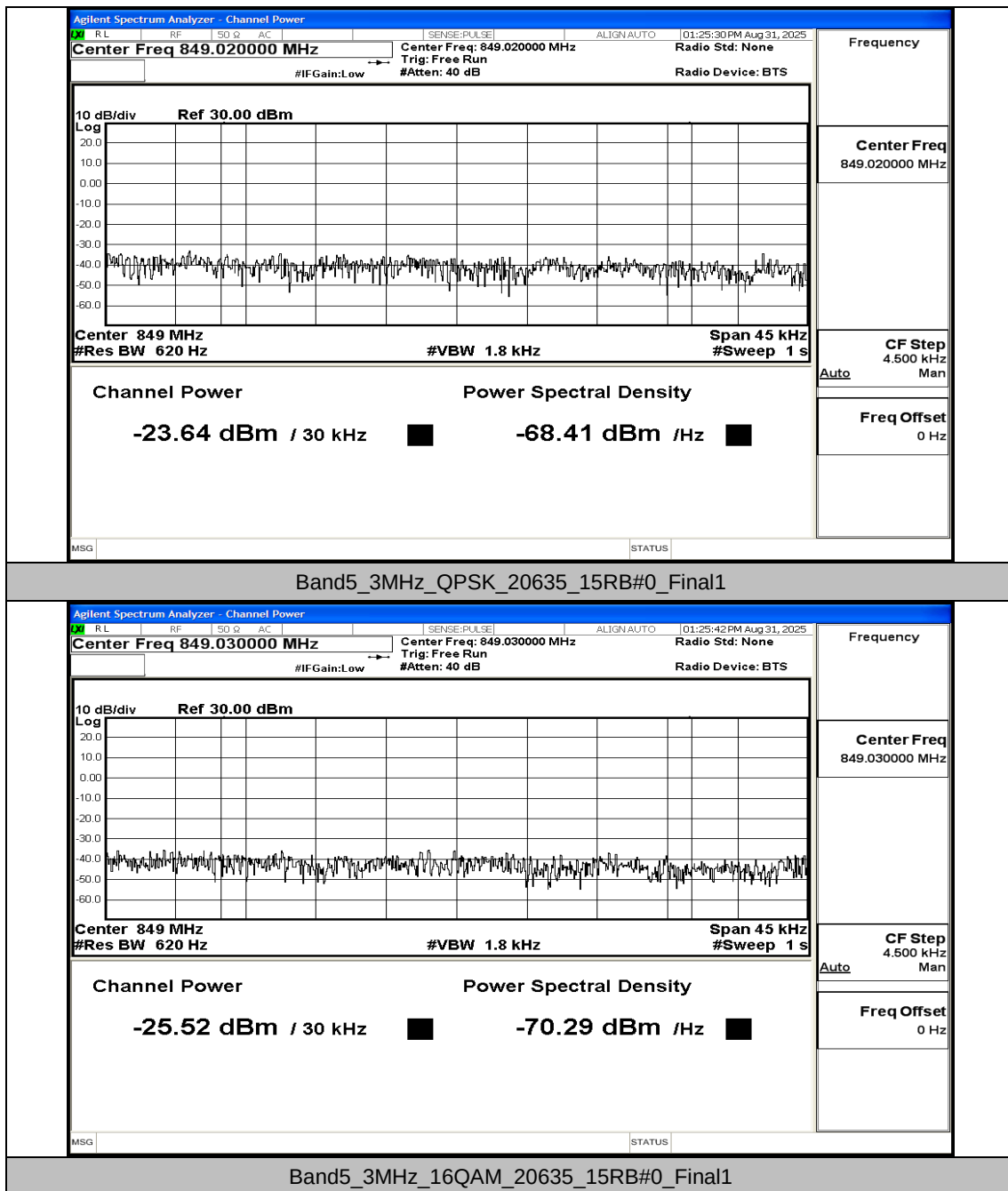
Band5_1.4MHz_16QAM_20643_6RB#0

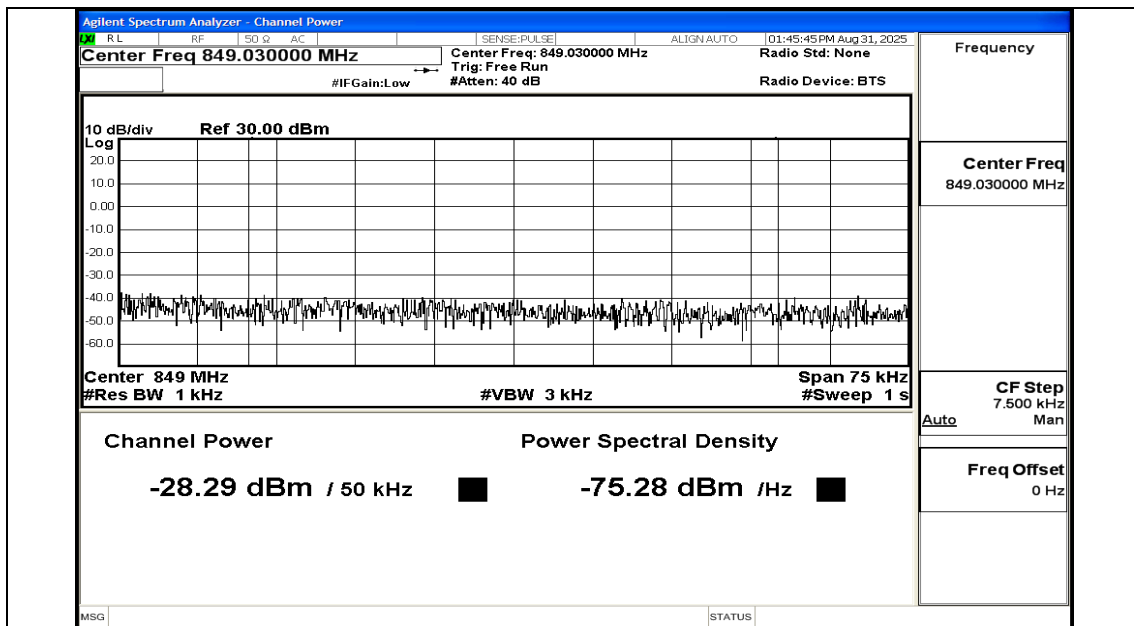


Band5_3MHz_QPSK_20415_15RB#0

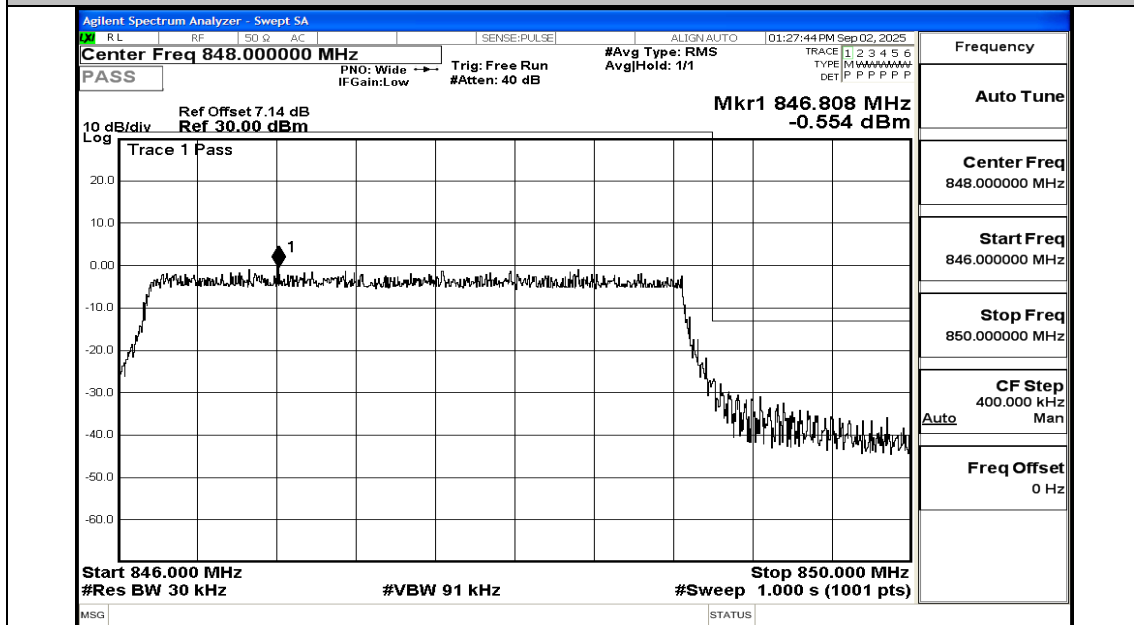


Band5_3MHz_16QAM_20415_15RB#0

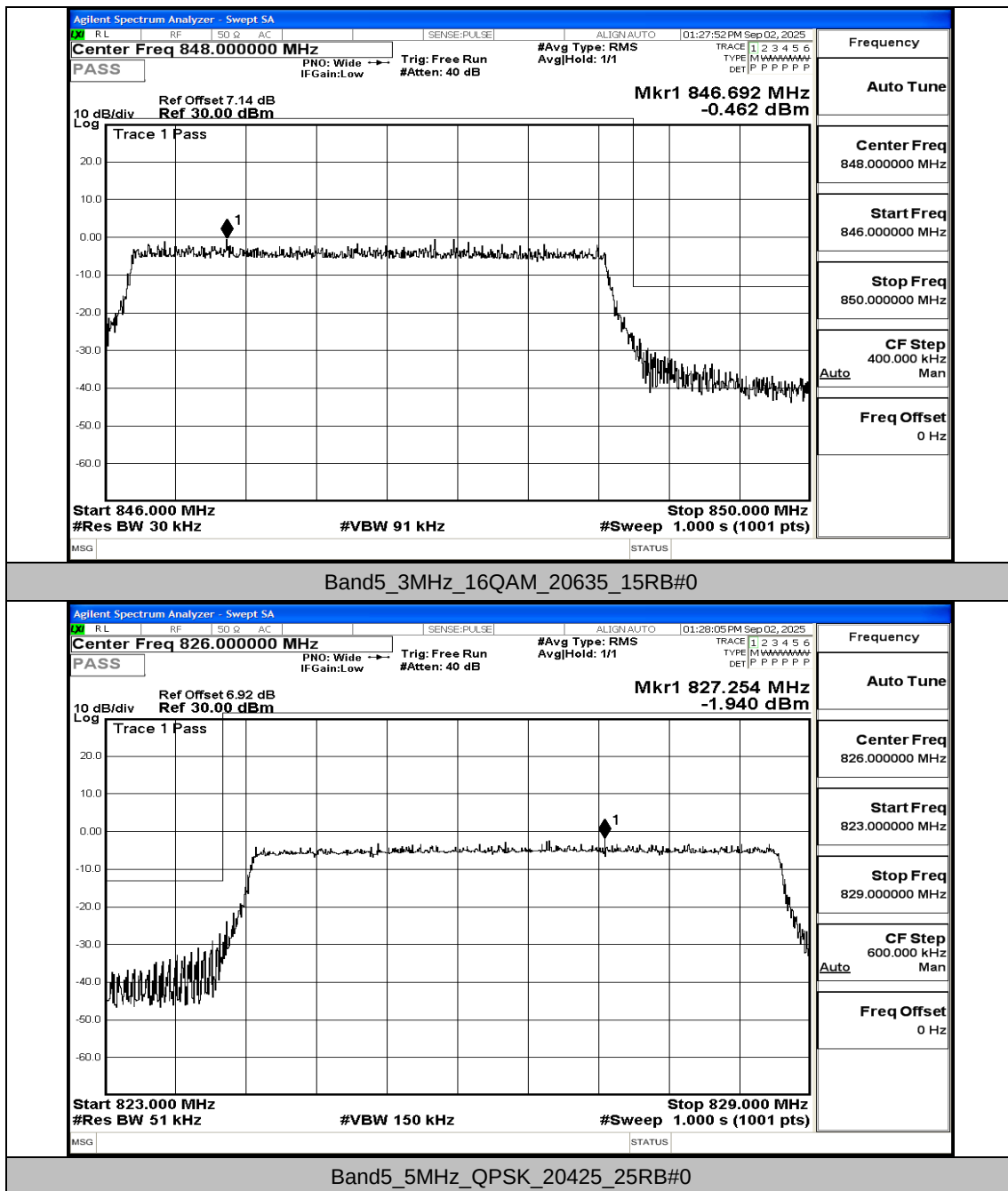


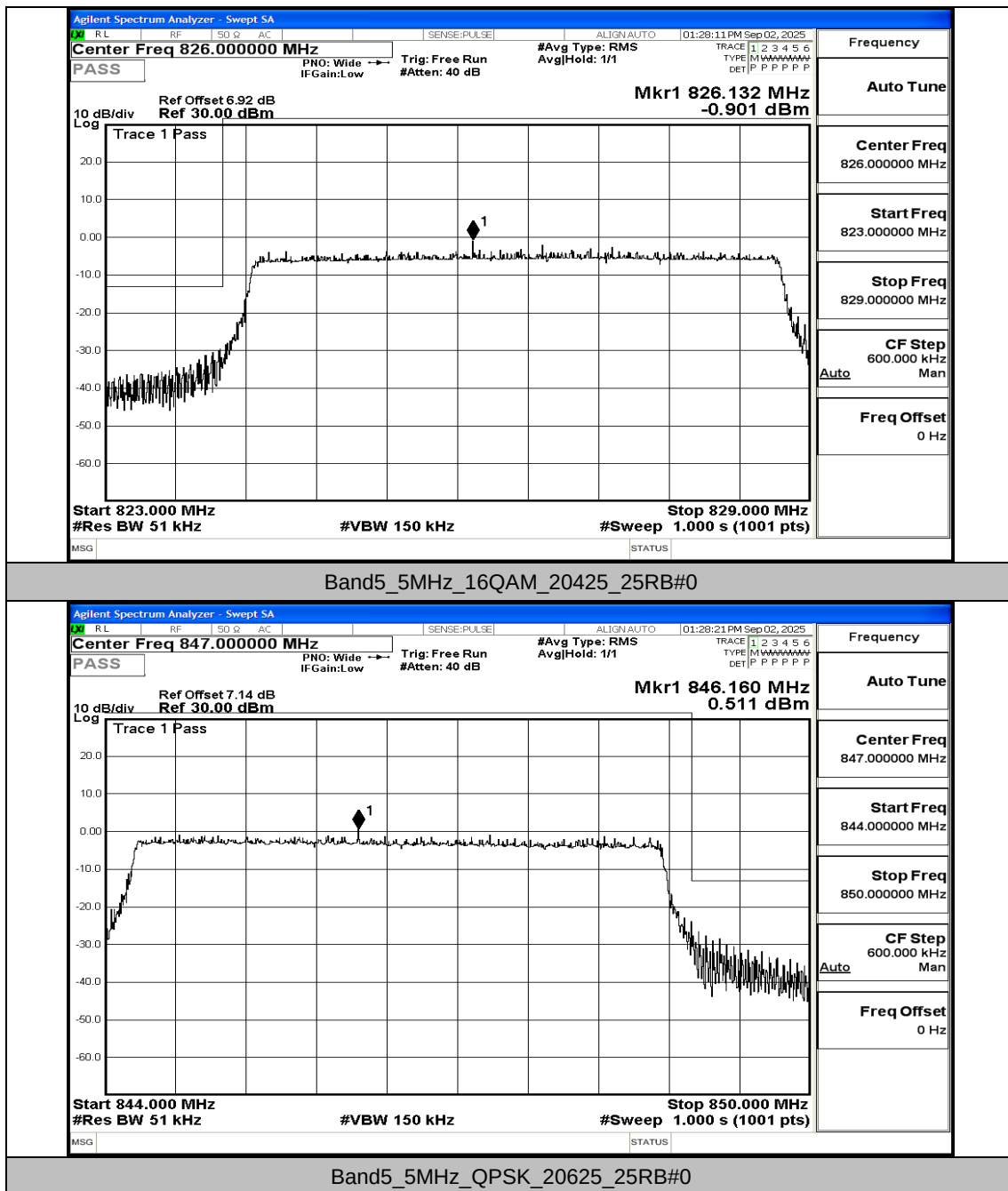


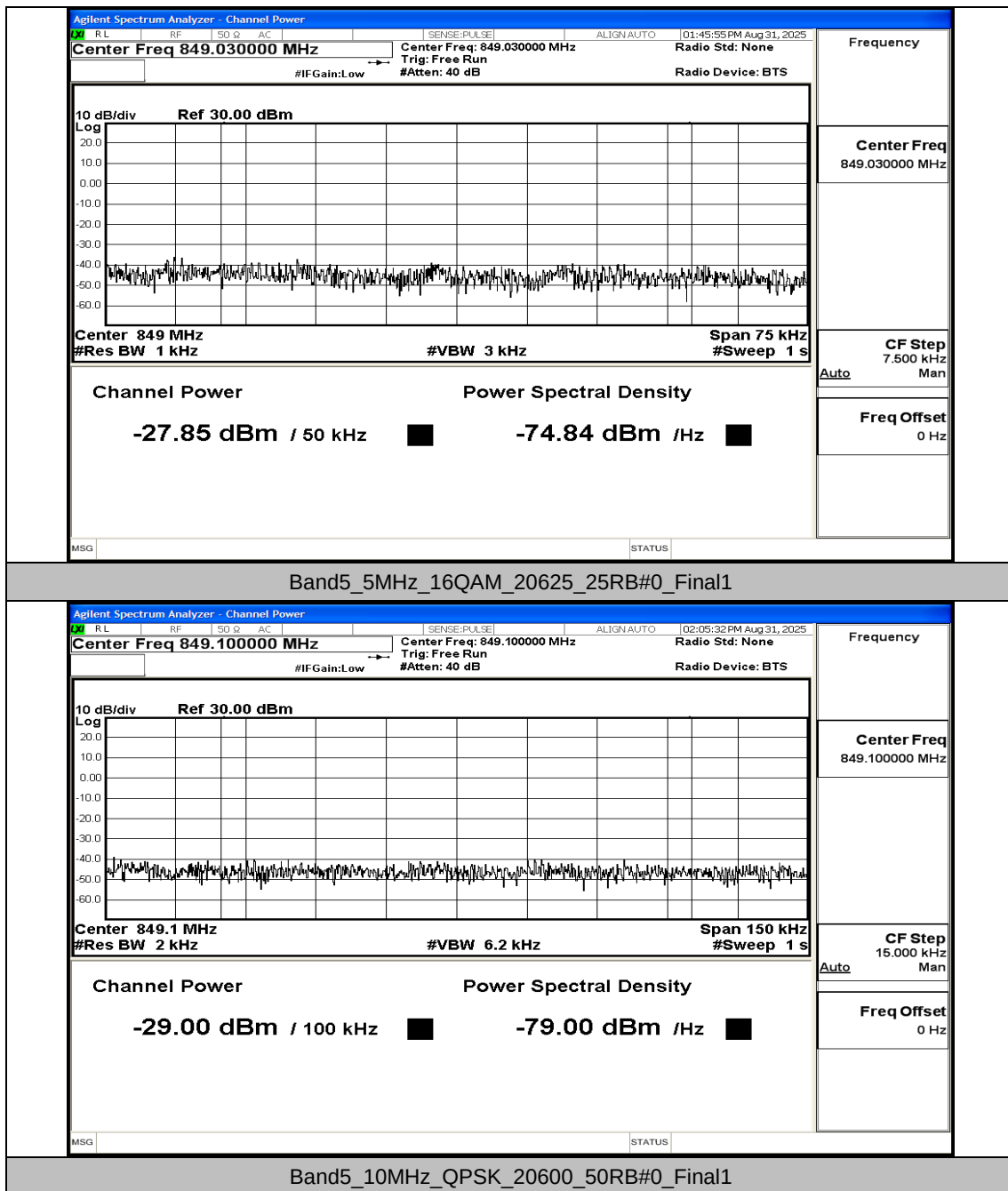
Band5_5MHz_QPSK_20625_25RB#0_Final1

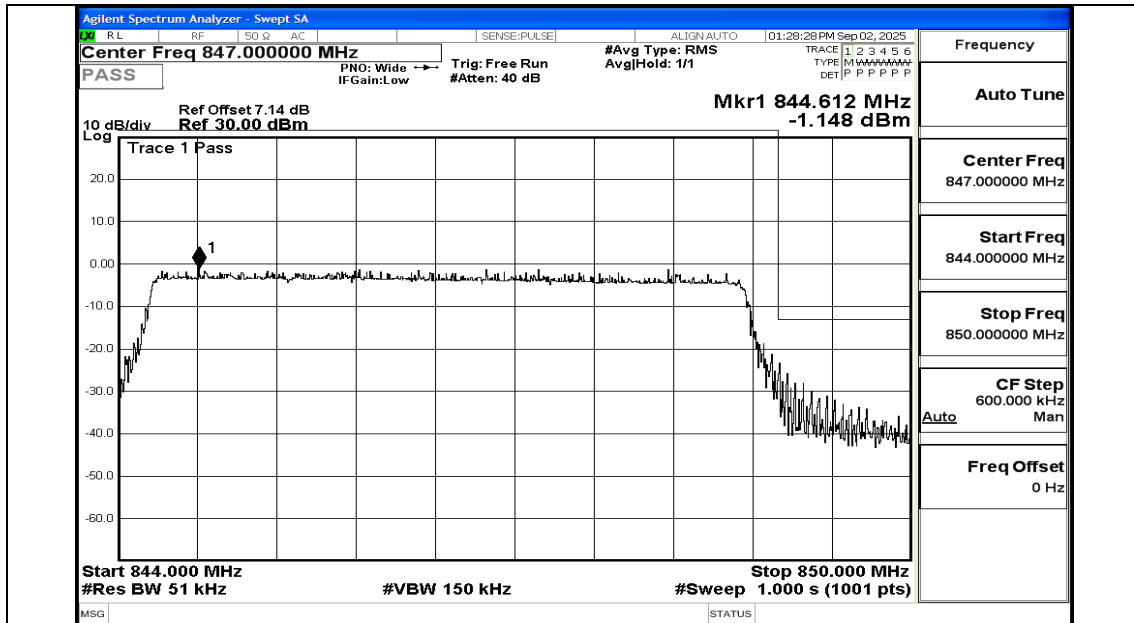


Band5_3MHz_QPSK_20635_15RB#0

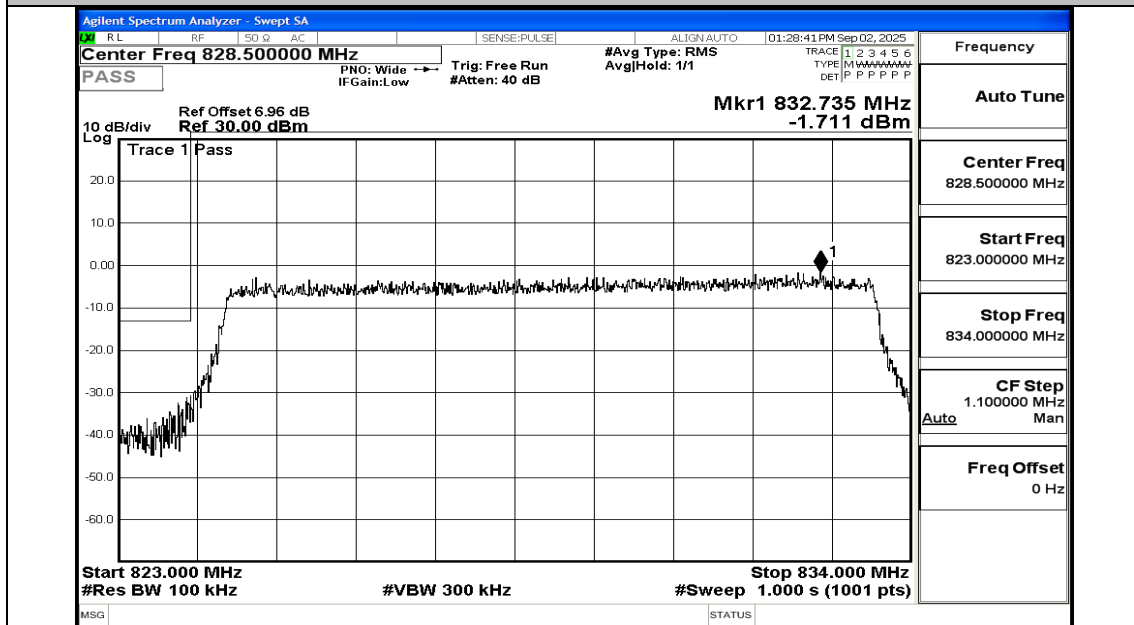




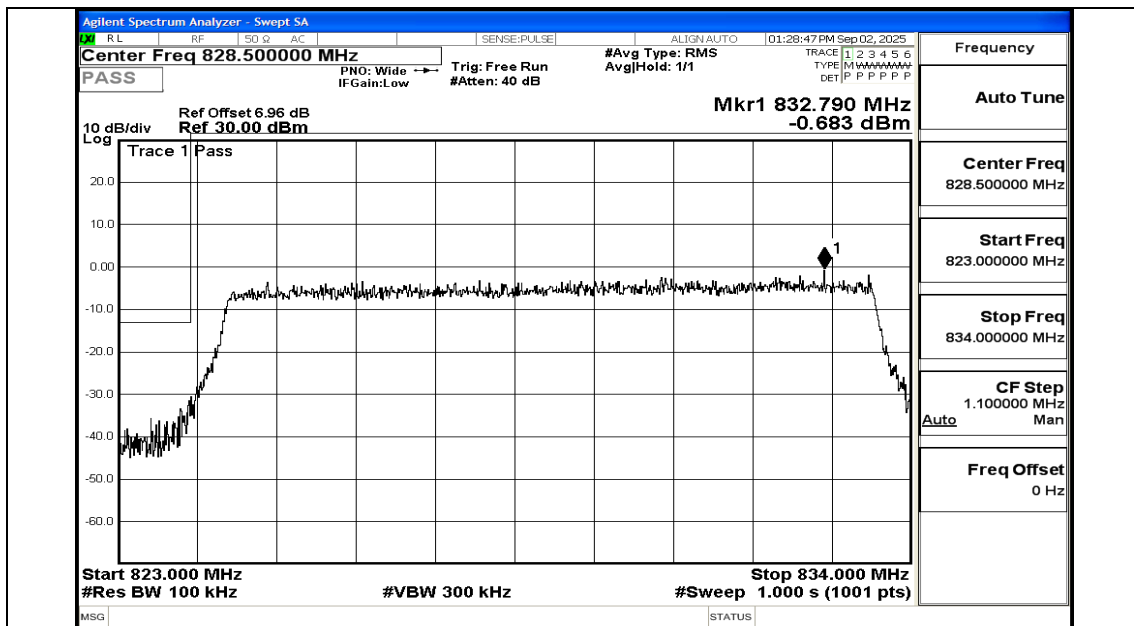




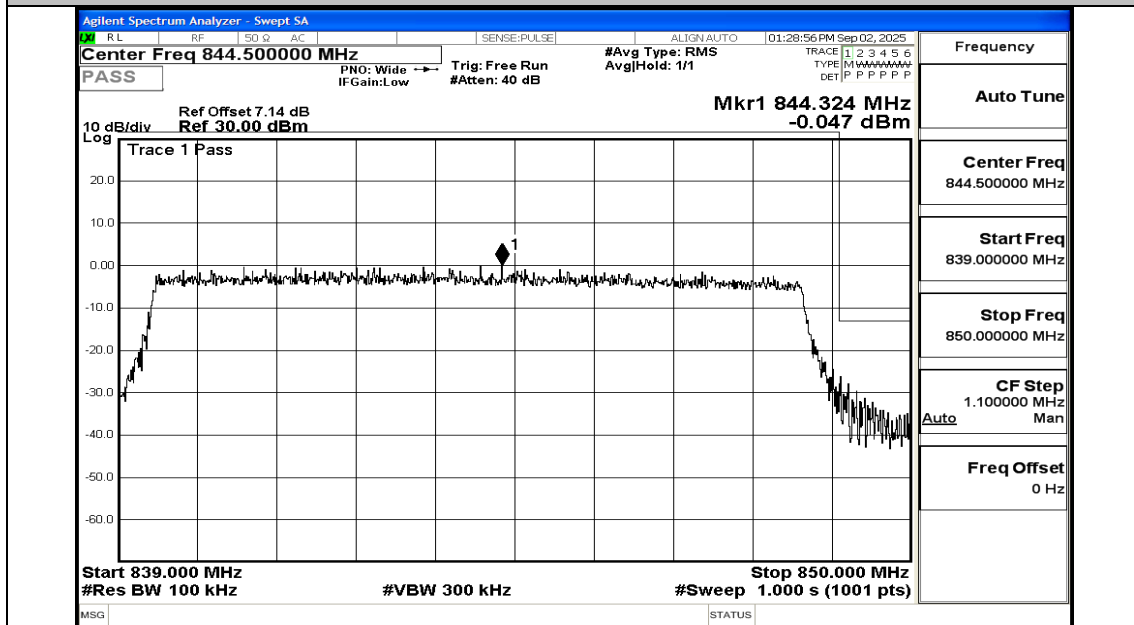
Band5_5MHz_16QAM_20625_25RB#0



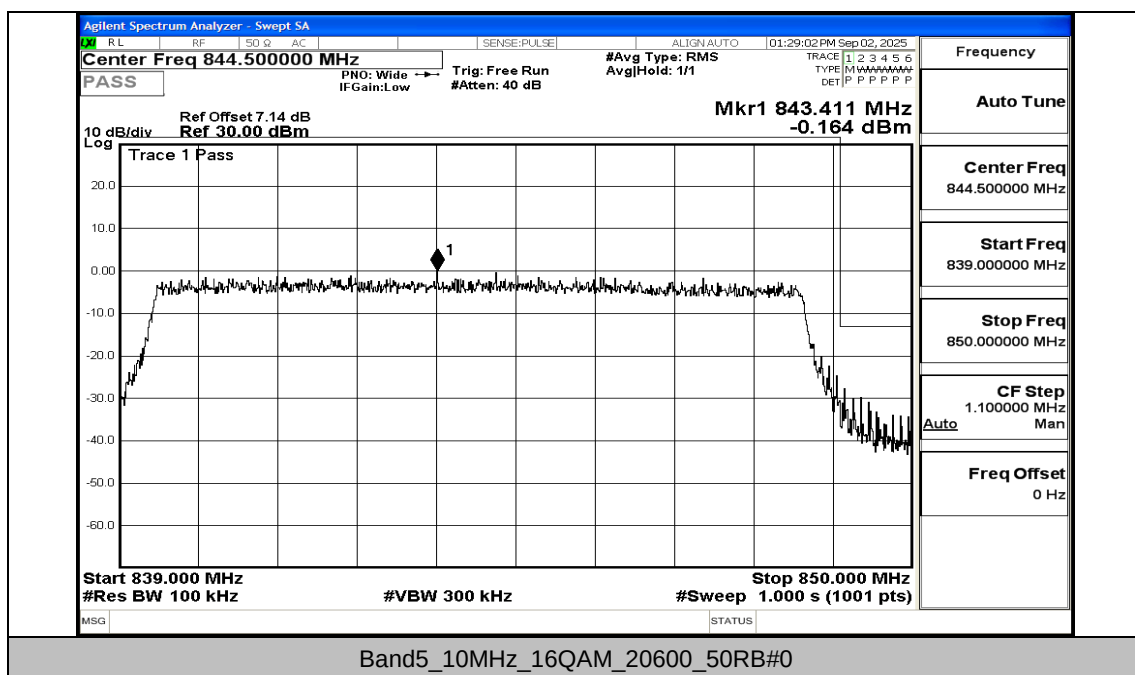
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Appendix E: Conducted Spurious Emission

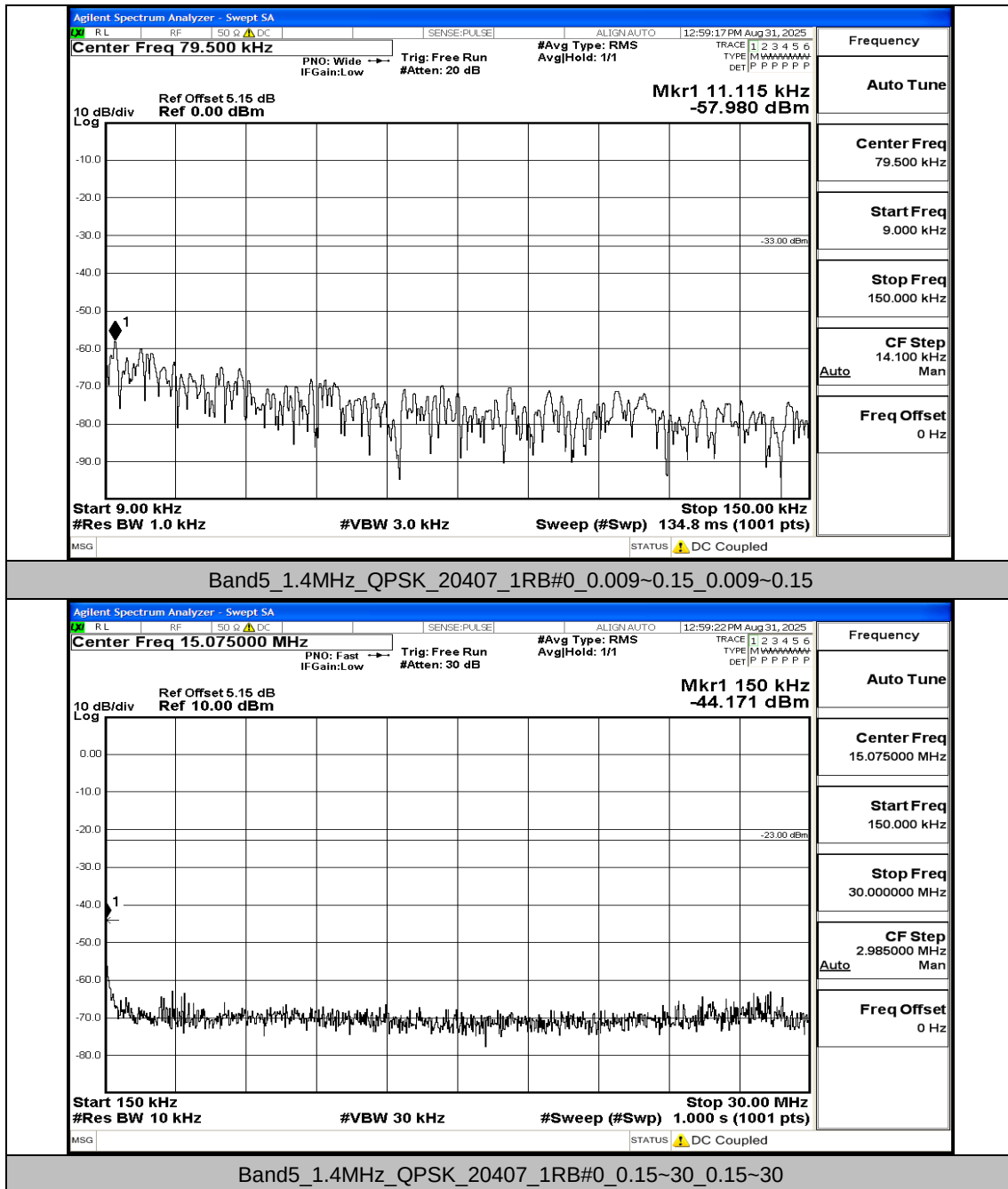
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-57.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-44.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-23.33	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-37.04	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-35.31	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-54.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-47.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-22.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-36.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-35.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-55.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-46.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-26.04	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-37.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-35.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-55.66	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-44.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-23.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-36.68	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-35.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-43.72	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-23.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-34.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-35.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-54.49	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-46.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-24.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-32.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-35.47	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.09	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-47.03	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-29.58	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-38.90	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-35.51	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.10	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-44.91	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-27.16	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-37.79	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-35.24	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-55.79	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-44.60	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-30.36	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-35.97	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-34.70	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-44.10	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-26.62	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-36.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-35.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-56.38	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-45.50	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-28.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-36.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-35.59	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-55.79	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-48.30	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-29.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-35.31	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-35.61	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-56.51	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-44.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-39.42	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-37.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-35.08	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-54.44	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-42.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-39.44	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-36.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-35.66	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-46.02	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-41.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-36.13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-35.11	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-55.68	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-46.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-41.31	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-36.22	PASS

Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-35.16	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-53.72	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-42.59	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-41.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-38.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-34.64	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-55.34	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-46.56	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-43.76	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-38.17	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-35.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-55.99	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-46.00	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-52.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-37.67	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-35.55	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-54.57	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-42.46	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-53.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-36.30	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-35.71	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-55.99	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-43.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-50.86	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-37.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-35.09	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.09	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-47.40	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-52.03	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-36.84	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-35.37	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-47.19	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-51.30	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-37.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-35.65	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.34	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-46.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-51.69	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-38.81	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-34.66	PASS

Test Graphs



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

Agilent Spectrum Analyzer - Swept SA

RL

RF

50 Ω

DC

SENSE:PULSE

ALIGN: AUTO

12:59:22 PM Aug 31, 2025

Center Freq 15.075000 MHz

PNO: Fast

IF Gain: Low

Trig: Free Run

#Atten: 30 dB

#Avg Type: RMS

Avg/Hold: 1/1

TRACE 1 2 3 4 5 6

TYPE M M M M M M M M

DET P P P P P P P

10 dB/div

Log

Ref Offset 5.15 dB

Ref 10.00 dBm

Mkr1 150 kHz

-44.171 dBm

Start 150 kHz

#Res BW 10 kHz

#VBW 30 kHz

#Sweep (#Swp) 1.000 s (1001 pts)

Stop 30.00 MHz

MSG

STATUS Δ DC Coupled

Frequency

Auto Tune

Center Freq 15.075000 MHz

Start Freq 150.000 kHz

Stop Freq 30.000000 MHz

CF Step 2.985000 MHz

Auto

Freq Offset 0 Hz

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

