

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.17	23.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.16	23.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.23	23.08	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.32	23.17	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.29	23.14	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.26	23.11	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.15	22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.22	23.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.42	23.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.26	23.11	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.18	23.03	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.20	23.05	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.17	23.02	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.16	22.01	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.33	23.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.11	22.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.11	22.96	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.28	23.13	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.22	23.07	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.16	23.01	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.15	22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.35	22.2	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.33	22.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.37	22.22	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.94	21.79	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.94	21.79	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.82	21.67	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.16	21.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.23	23.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.16	23.01	PASS

Band5	1.4MHz	16QAM	20525	1RB#5	23.16	23.01	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.01	21.86	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.02	21.87	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.95	21.8	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.32	21.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.21	23.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.97	22.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.98	22.83	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.81	21.66	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.82	21.67	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.91	21.76	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.34	21.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.11	22.96	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.07	22.92	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.08	22.93	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.21	22.06	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.08	21.93	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.03	21.88	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.15	22	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.07	22.92	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.04	22.89	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.84	22.69	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.18	22.03	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.25	22.1	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.19	22.04	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.41	22.26	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.58	23.43	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.32	23.17	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.29	23.14	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.16	22.01	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.21	22.06	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.19	22.04	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.12	21.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.66	22.51	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.52	22.37	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.46	22.31	PASS

Band5	3MHz	16QAM	20415	8RB#0	21.25	21.1	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.26	21.11	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.18	21.03	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.10	20.95	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.54	22.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.50	22.35	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.42	22.27	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.32	21.17	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.38	21.23	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.45	21.3	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.27	21.12	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.38	23.23	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.25	23.1	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.27	23.12	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.31	21.16	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.23	21.08	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.21	21.06	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.33	21.18	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.32	23.17	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.12	22.97	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.07	22.92	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.27	22.12	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.29	22.14	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.11	21.96	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.07	21.92	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.34	23.19	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.26	23.11	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.21	23.06	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.36	22.21	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.46	22.31	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.39	22.24	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.37	22.22	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.59	23.44	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.41	23.26	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.24	23.09	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.35	22.2	PASS

Band5	5MHz	QPSK	20625	12RB#6	22.30	22.15	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.11	21.96	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.20	22.05	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.98	21.83	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.00	21.85	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.91	21.76	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.17	21.02	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.15	21	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.07	20.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.18	21.03	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.65	22.5	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.58	22.43	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.69	22.54	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.16	21.01	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.50	21.35	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.41	21.26	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.42	21.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.01	22.86	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.71	22.56	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.64	22.49	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.36	21.21	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.38	21.23	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.28	21.13	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.22	21.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.47	23.32	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.12	22.97	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.99	22.84	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.49	22.34	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.44	22.29	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.47	22.32	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.21	22.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.28	23.13	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.28	23.13	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.43	23.28	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.34	22.19	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.36	22.21	PASS

Band5	10MHz	QPSK	20525	25RB#25	22.52	22.37	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.47	22.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.55	23.4	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.67	23.52	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.25	23.1	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.16	22.01	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.16	22.01	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.26	22.11	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.37	22.22	PASS

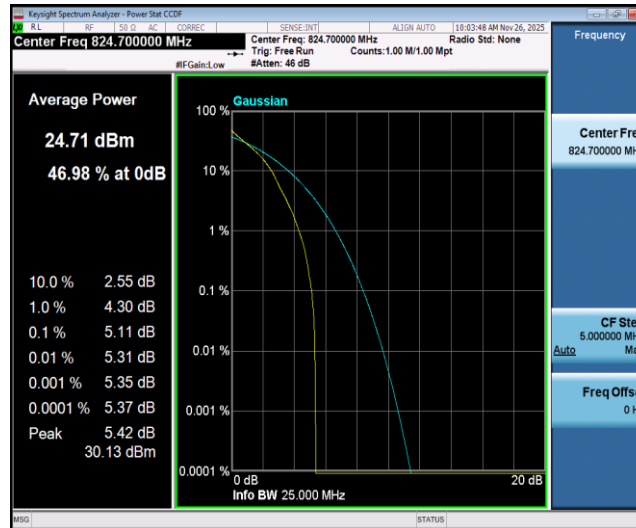
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

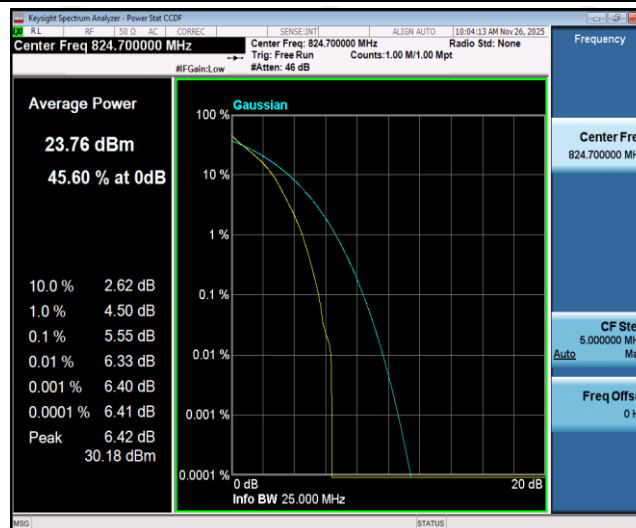
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.47	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.51	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.15	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.28	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.18	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.58	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.14	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.88	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.87	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.10	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.53	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.71	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.23	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.67	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.33	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.81	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.37	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.18	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.02	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.48	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.52	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.41	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.70	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.19	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.26	13	PASS

Band5	5MHz	16QAM	20625	1RB#0	5.87	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.15	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.91	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.62	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.08	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.56	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.09	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.48	13	PASS

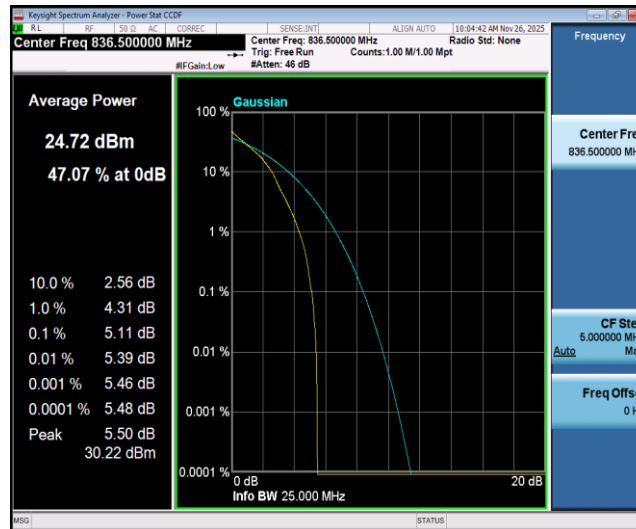
Test Graphs



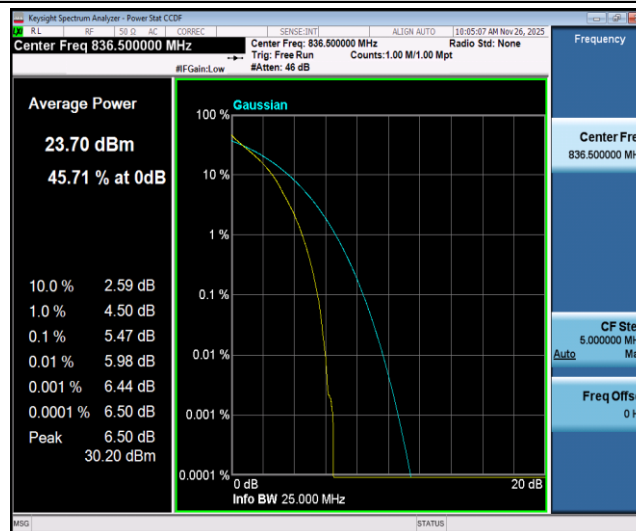
Band5-1.4MHz-QPSK-20407-1RB#0



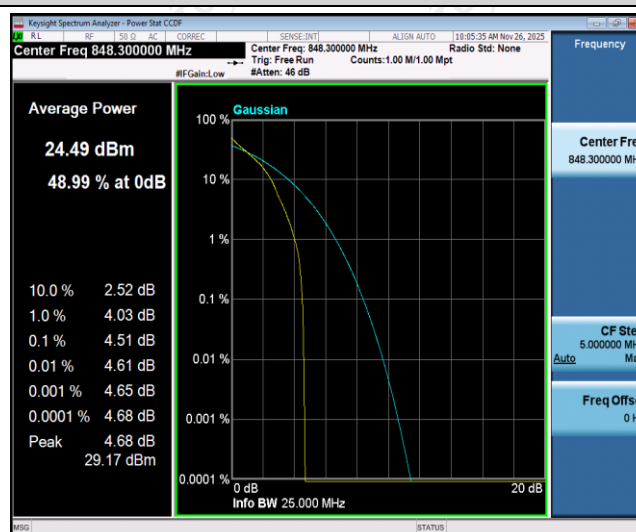
Band5-1.4MHz-QPSK-20407-6RB#0



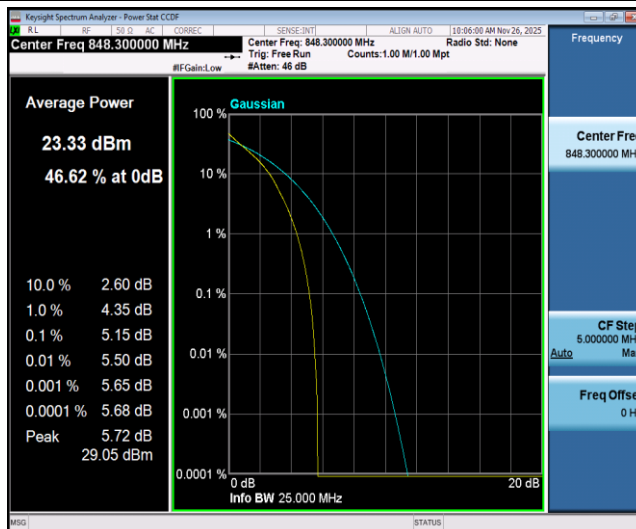
Band5-1.4MHz-QPSK-20525-1RB#0



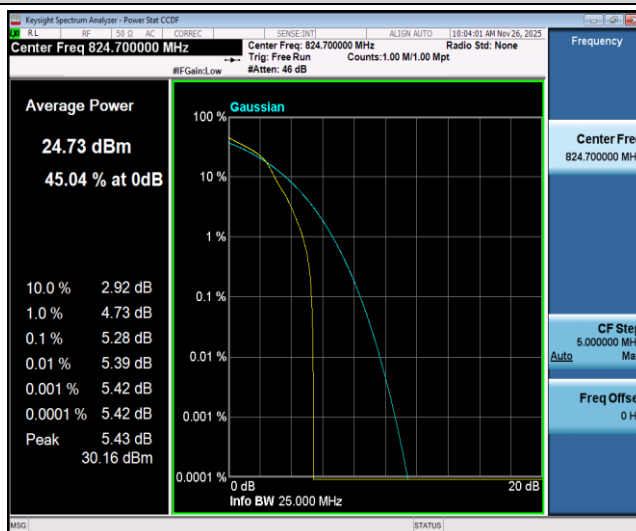
Band5-1.4MHz-QPSK-20525-6RB#0



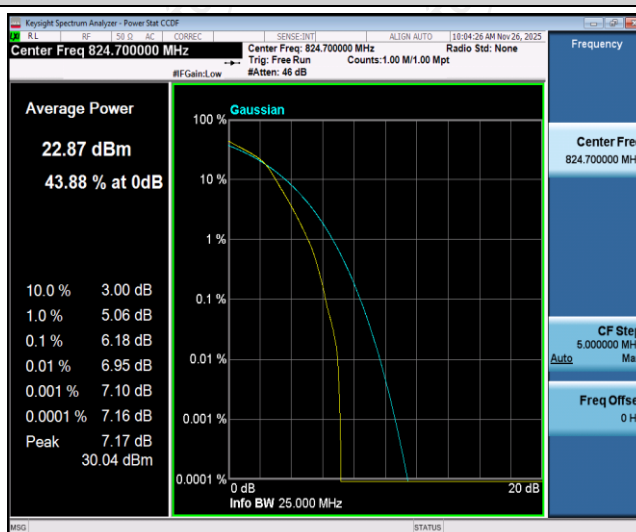
Band5-1.4MHz-QPSK-20643-1RB#0



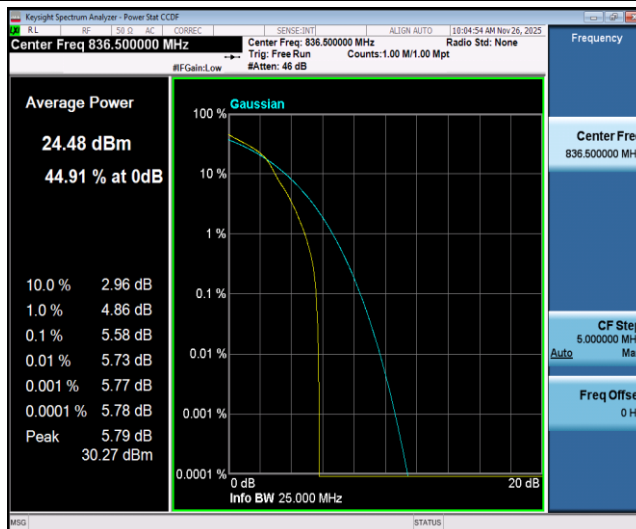
Band5-1.4MHz-QPSK-20643-6RB#0



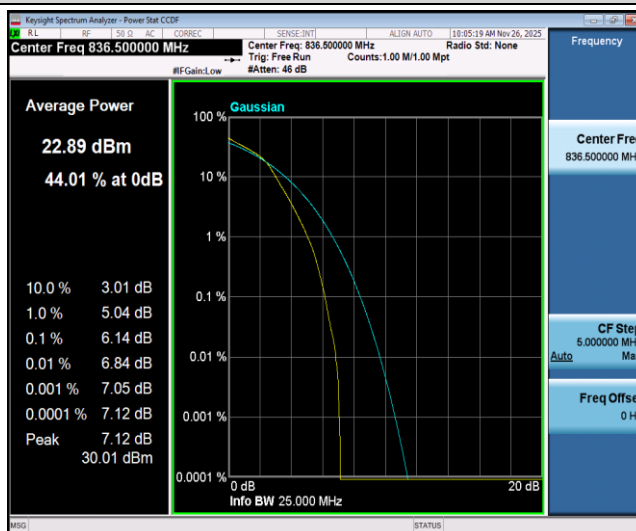
Band5-1.4MHz-16QAM-20407-1RB#0



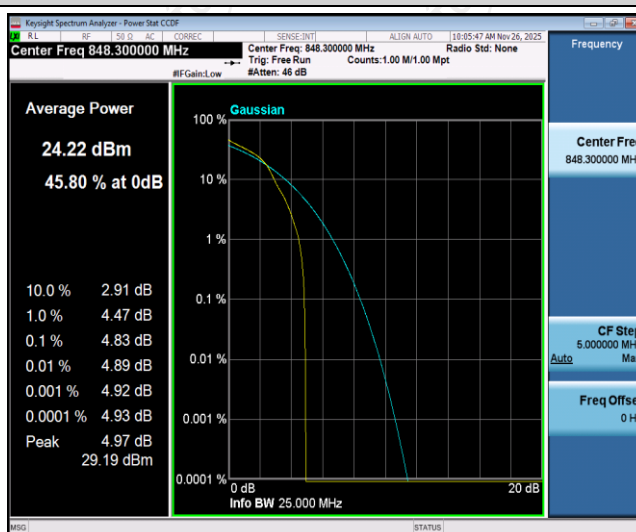
Band5-1.4MHz-16QAM-20407-6RB#0



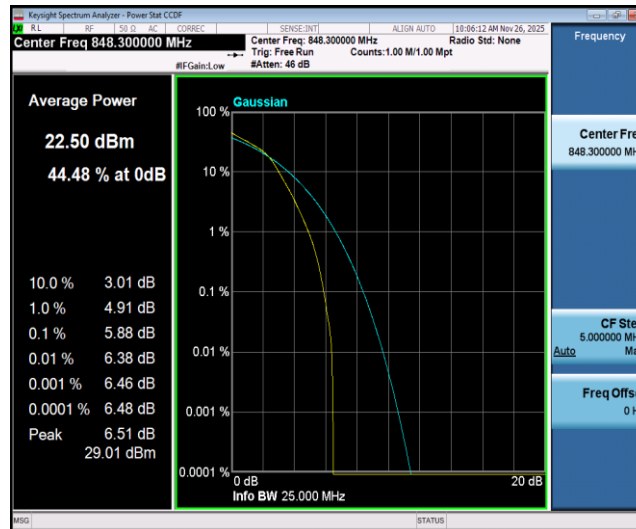
Band5-1.4MHz-16QAM-20525-1RB#0



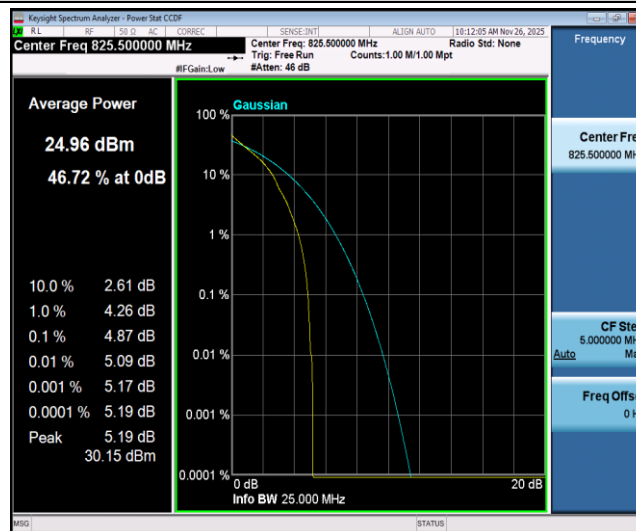
Band5-1.4MHz-16QAM-20525-6RB#0



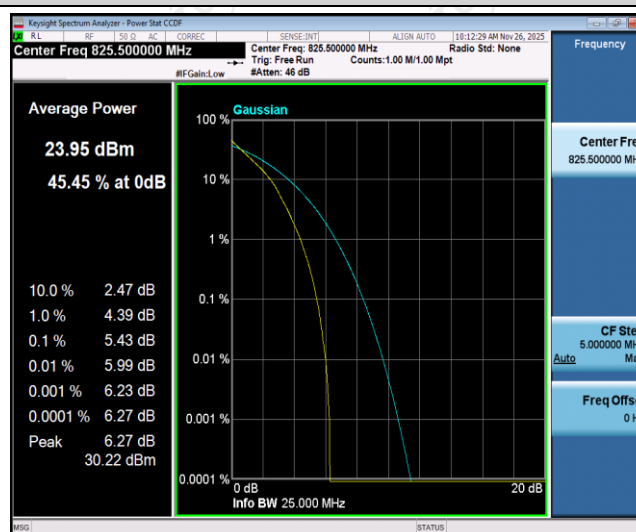
Band5-1.4MHz-16QAM-20643-1RB#0



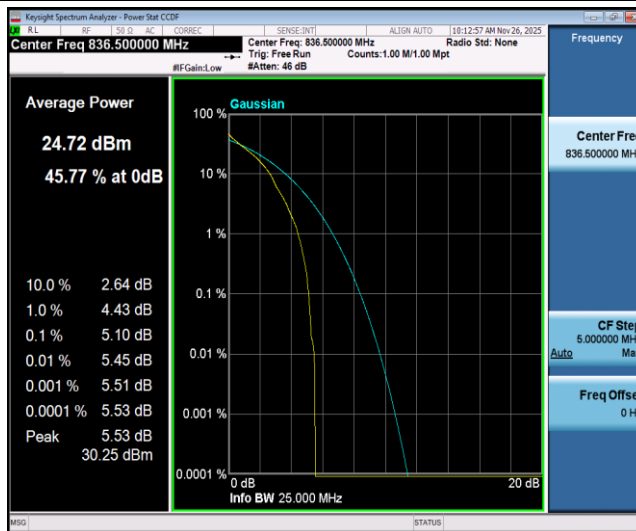
Band5-1.4MHz-16QAM-20643-6RB#0



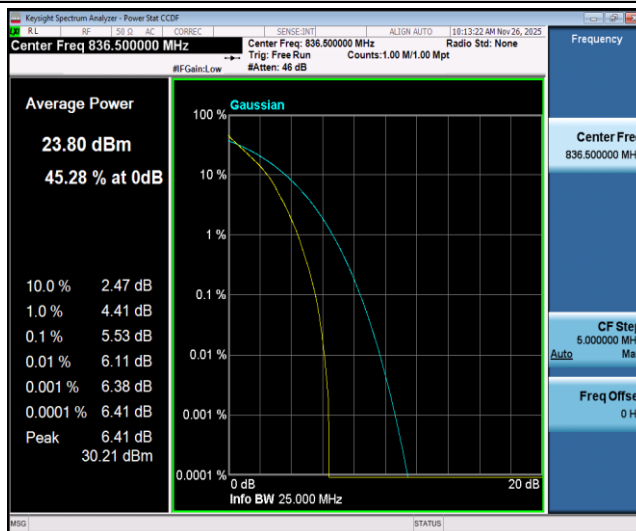
Band5-3MHz-QPSK-20415-1RB#0



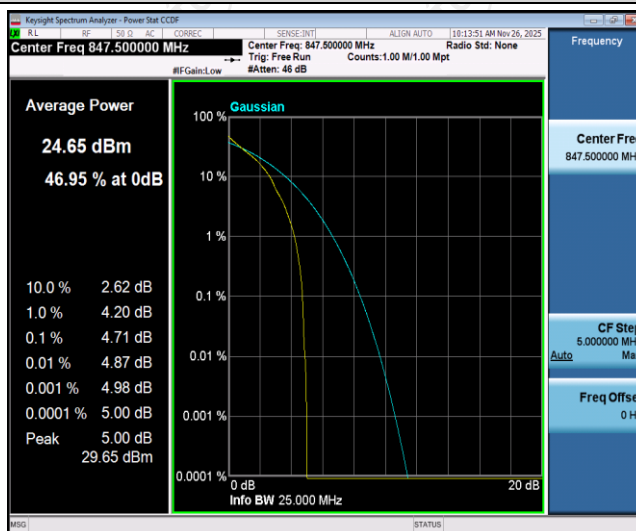
Band5-3MHz-QPSK-20415-15RB#0



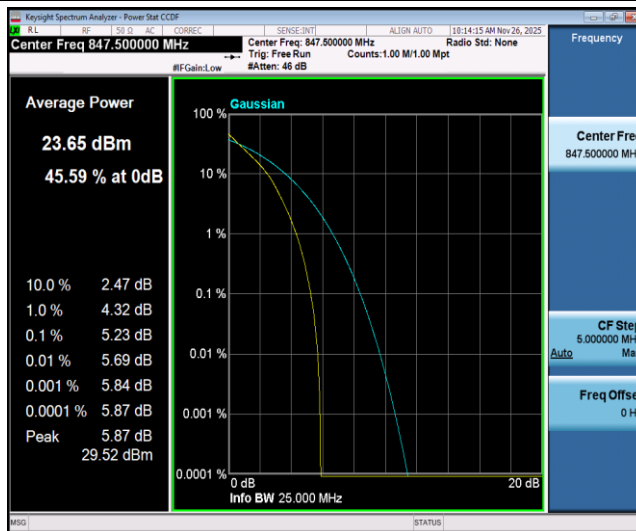
Band5-3MHz-QPSK-20525-1RB#0



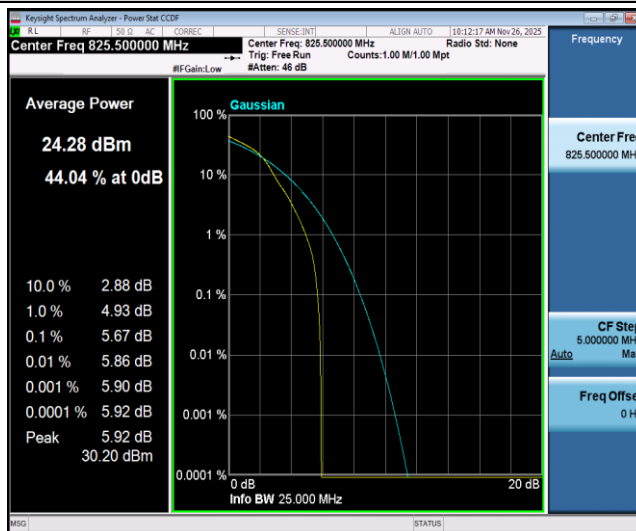
Band5-3MHz-QPSK-20525-15RB#0



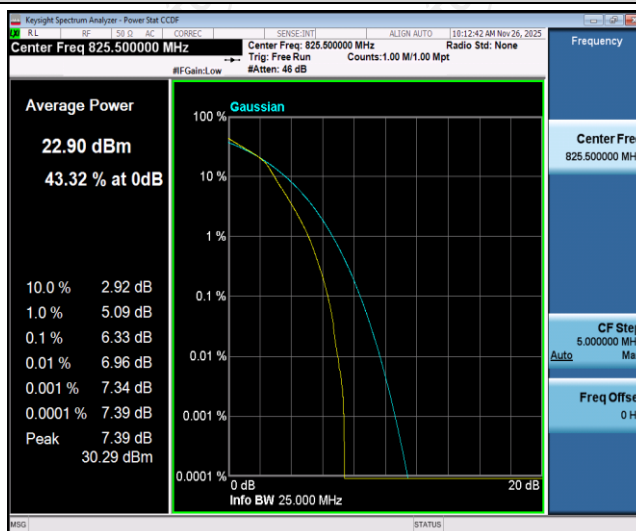
Band5-3MHz-QPSK-20635-1RB#0



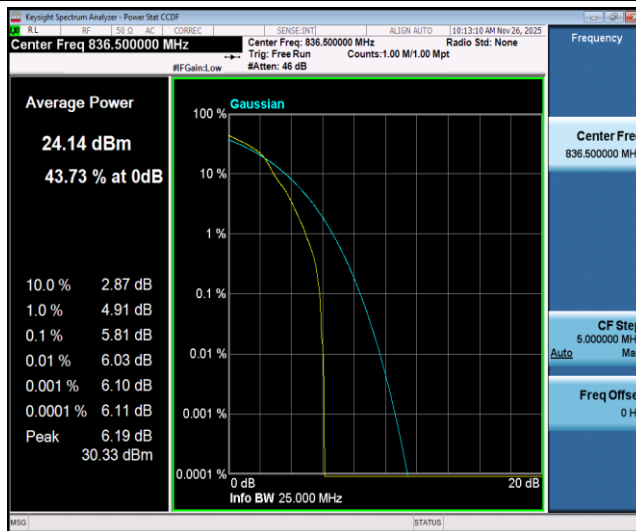
Band5-3MHz-QPSK-20635-15RB#0



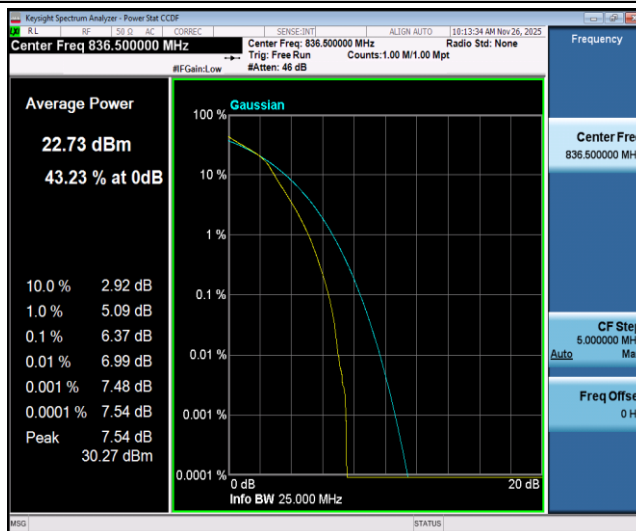
Band5-3MHz-16QAM-20415-1RB#0



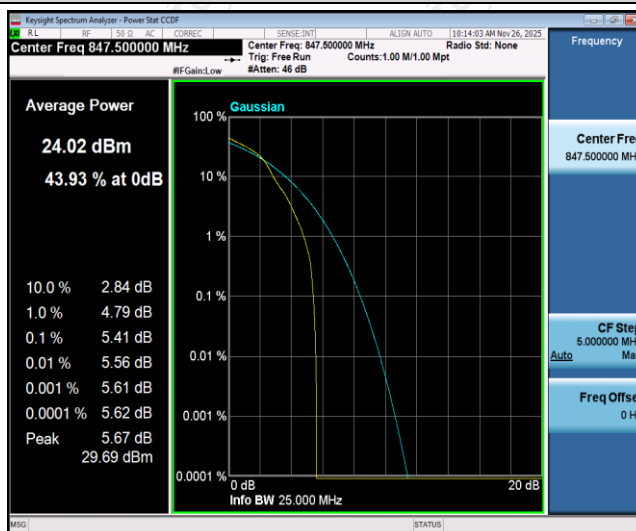
Band5-3MHz-16QAM-20415-15RB#0



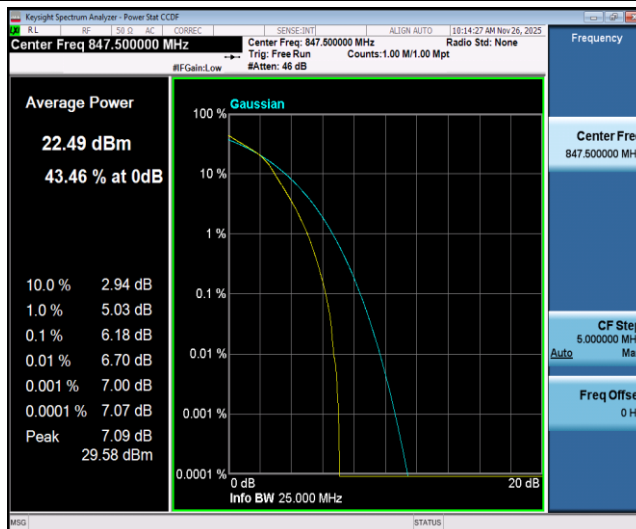
Band5-3MHz-16QAM-20525-1RB#0



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



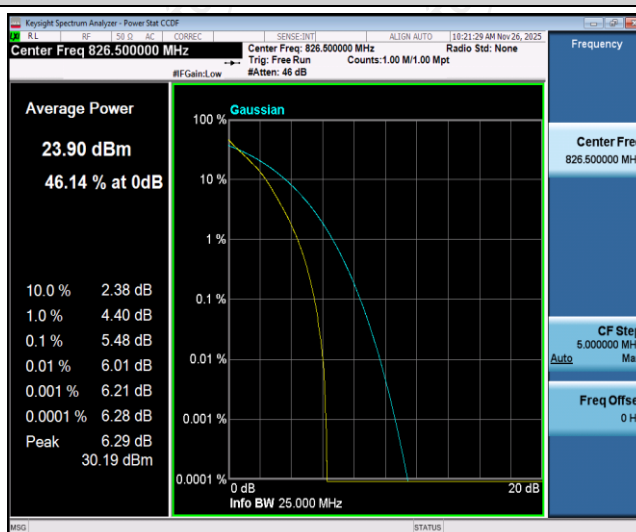
Band5-3MHz-16QAM-20635-1RB#0



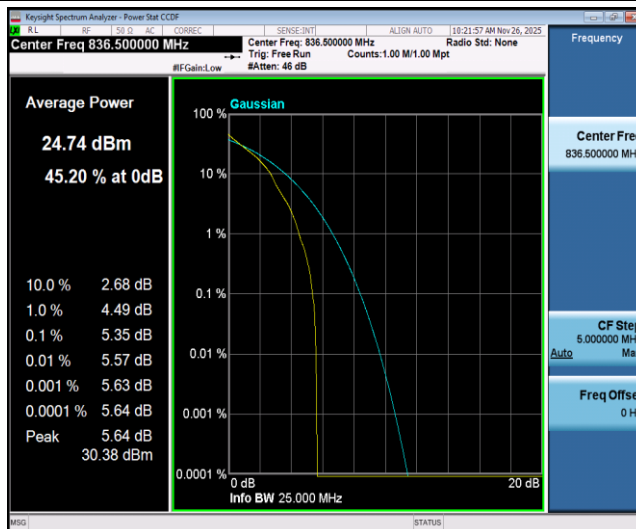
Band5-3MHz-16QAM-20635-15RB#0



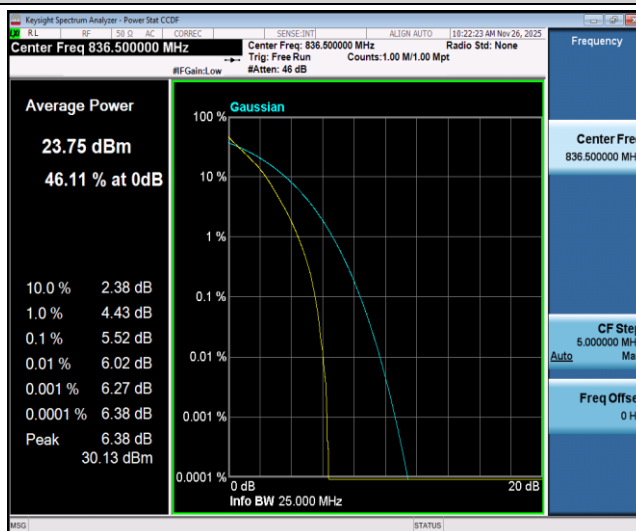
Band5-5MHz-QPSK-20425-1RB#0



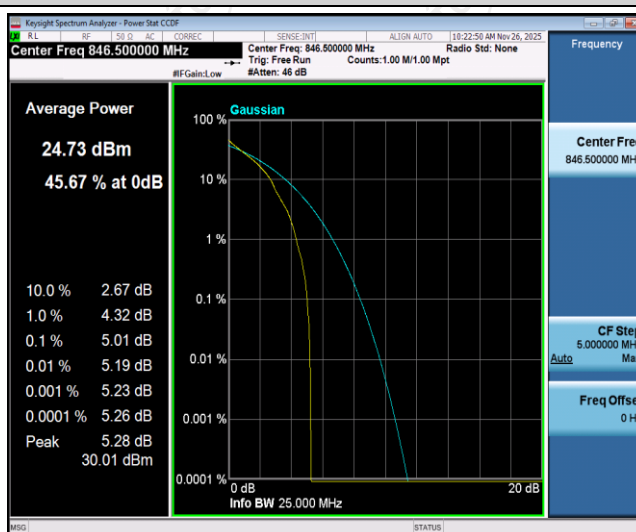
Band5-5MHz-QPSK-20425-25RB#0



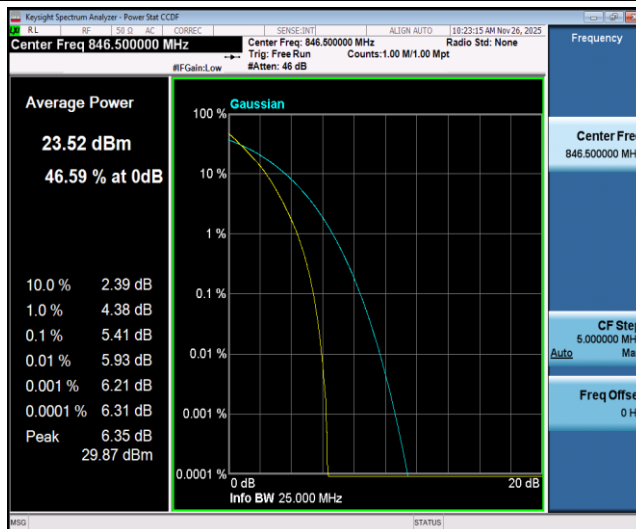
Band5-5MHz-QPSK-20525-1RB#0



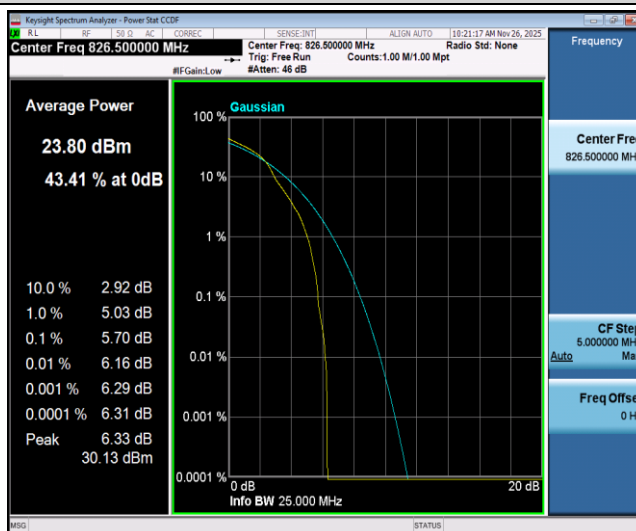
Band5-5MHz-QPSK-20525-25RB#0



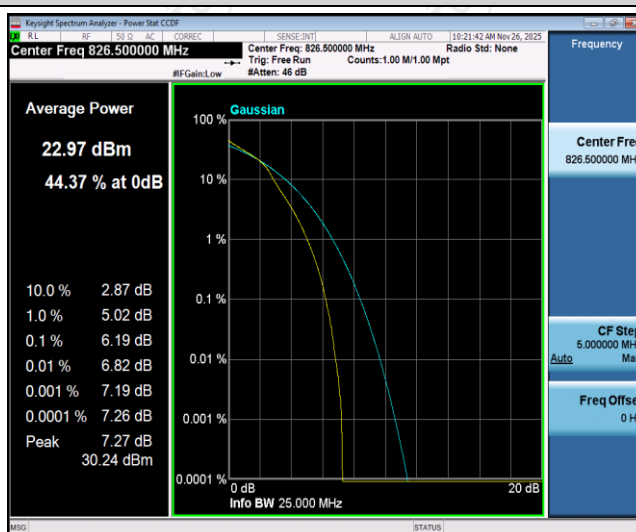
Band5-5MHz-QPSK-20625-1RB#0



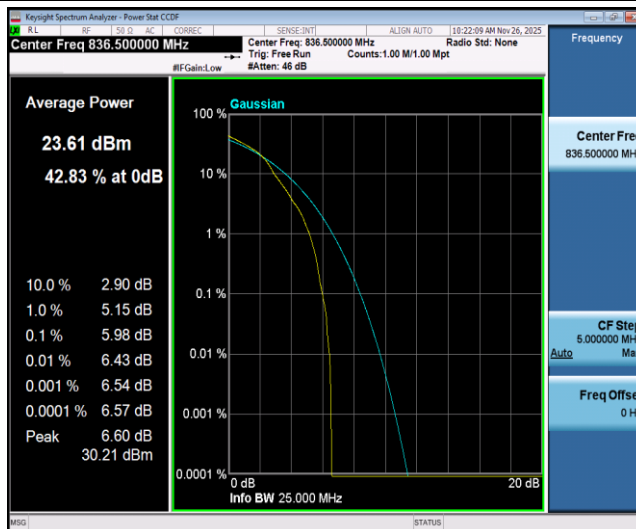
Band5-5MHz-QPSK-20625-25RB#0



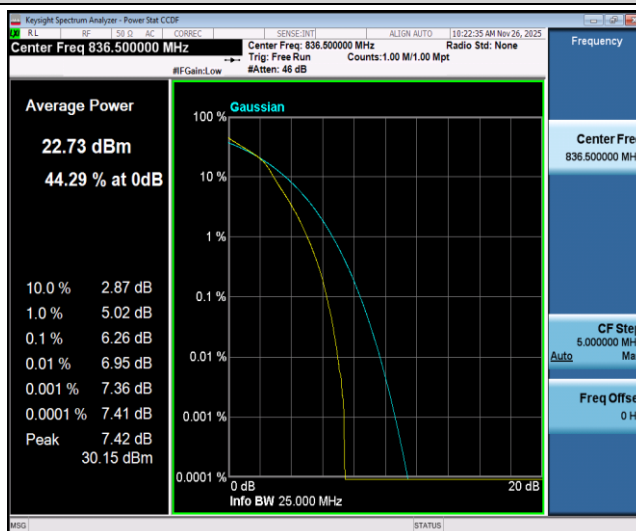
Band5-5MHz-16QAM-20425-1RB#0



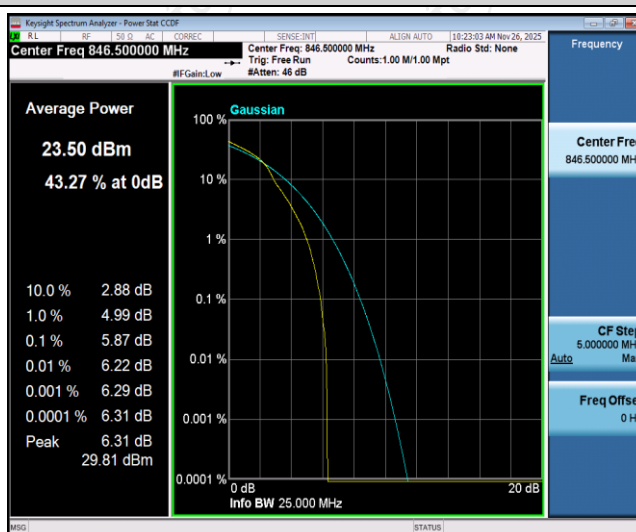
Band5-5MHz-16QAM-20425-25RB#0



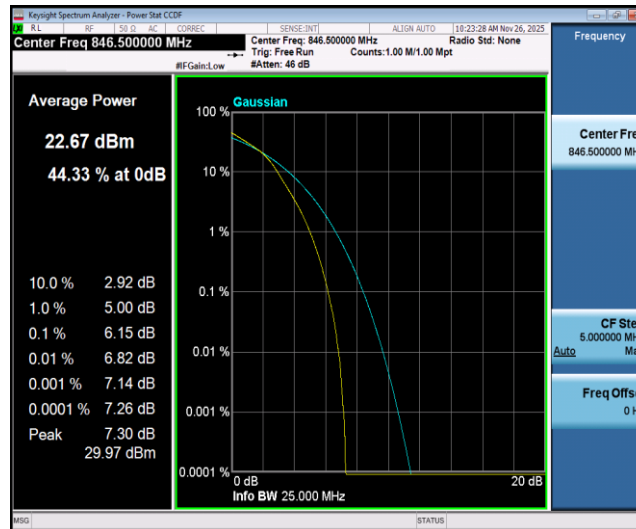
Band5-5MHz-16QAM-20525-1RB#0



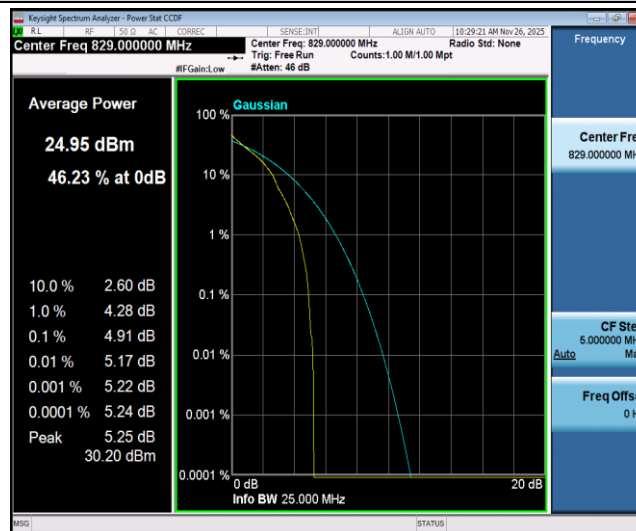
Band5-5MHz-16QAM-20525-25RB#0



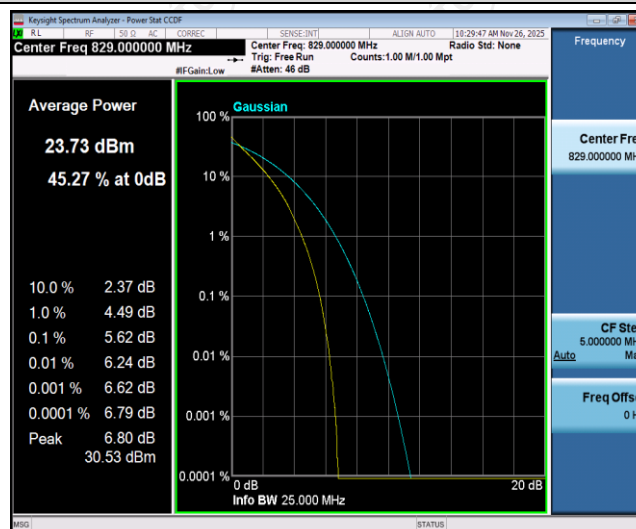
Band5-5MHz-16QAM-20625-1RB#0



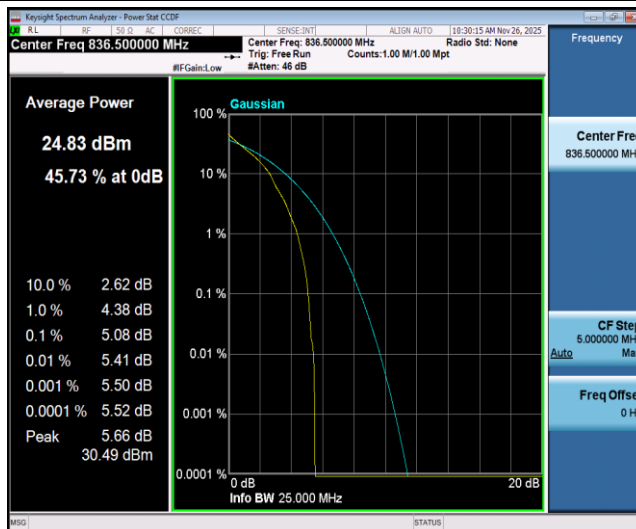
Band5-5MHz-16QAM-20625-25RB#0



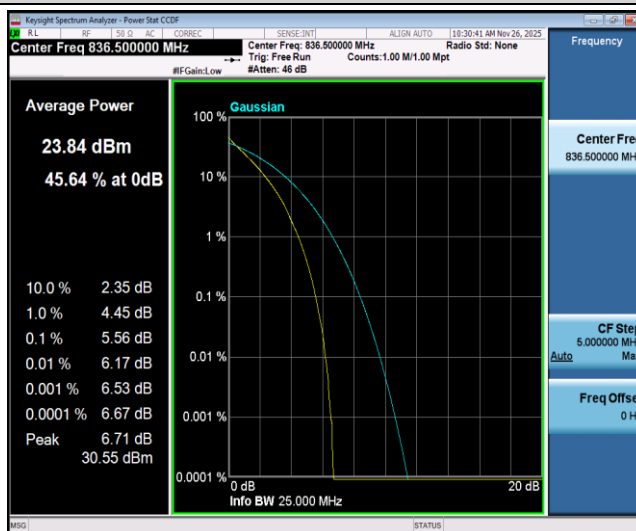
Band5-10MHz-QPSK-20450-1RB#0



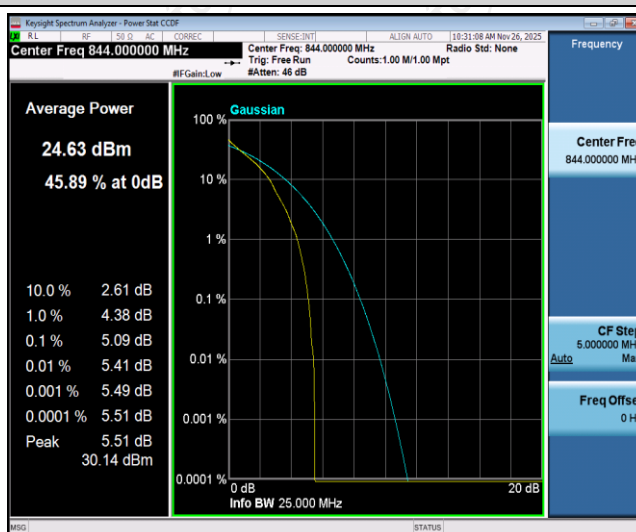
Band5-10MHz-QPSK-20450-50RB#0



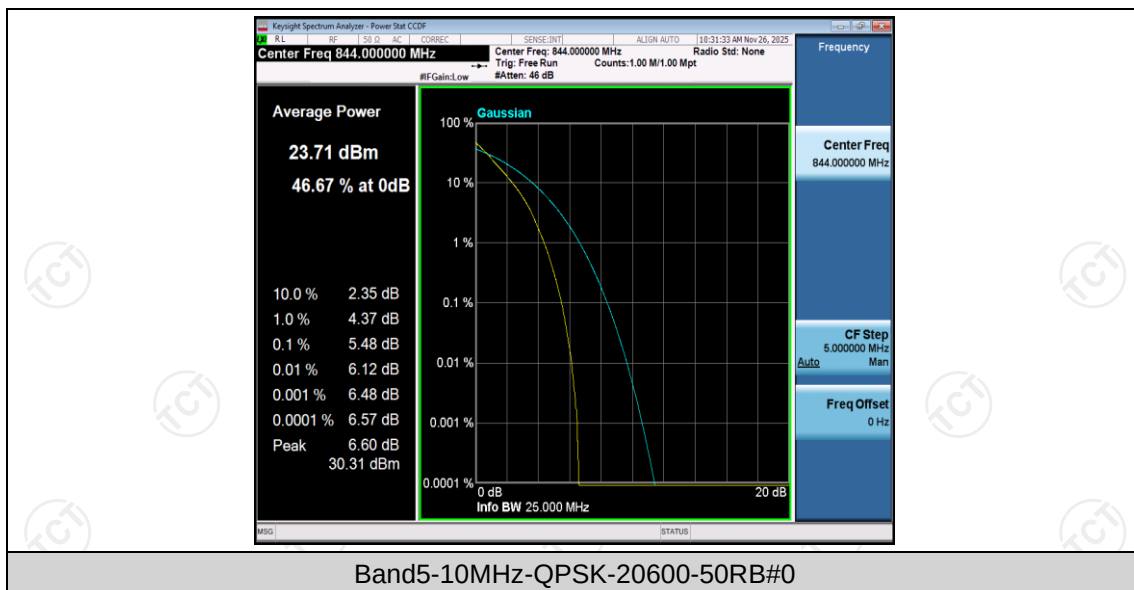
Band5-10MHz-QPSK-20525-1RB#0



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



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



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	1.0892	1.226	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0908	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0901	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0933	1.234	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0911	1.238	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0902	1.236	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7005	2.947	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6952	2.960	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6940	2.940	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6965	2.943	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6906	2.968	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6936	2.954	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4959	4.896	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4986	4.881	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4884	4.863	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4998	4.864	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4933	4.864	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4903	4.856	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9832	9.551	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9796	9.558	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9649	9.545	PASS

Test Graphs

