

Test Data for E-UTRA Band 5

EUT: <u>Bus Validator</u> Test Model: <u>E60</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, <u>101.325</u> kPa
Test Engineer: <u>Jack Zhou</u>

Contents

Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Test Result.....	3
Appendix B: Peak-to-Average Ratio(CCDF).....	8
Test Result.....	8
Test Graphs.....	10
Appendix C: 26dB Bandwidth and Occupied Bandwidth	27
Test Result.....	27
Test Graphs	28
Appendix D: Band Edge	37
Test Result.....	37
Test Graphs	38
Appendix E: Conducted Spurious Emission.....	55
Test Result.....	55
Test Graphs	57
Appendix F: Frequency Stability	74
Test Result.....	74
Appendix G: Modulation Characteristics	79
Test Result.....	79
Test Graphs	80

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	22.30	19.20	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.25	19.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.17	19.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.32	19.22	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.40	19.30	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.37	19.27	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.32	18.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.04	18.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.02	18.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.01	18.91	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.12	19.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.12	19.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.13	19.03	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.12	18.02	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.00	18.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.99	18.89	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.96	18.86	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.91	18.81	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.92	18.82	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.90	18.80	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.81	17.71	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.61	18.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.57	18.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.54	18.44	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.88	17.78	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.04	17.94	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.90	17.80	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.33	17.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.30	18.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.37	18.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.31	18.21	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	20.68	17.58	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.82	17.72	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.72	17.62	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.21	17.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.18	18.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.19	18.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.22	18.12	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.53	17.43	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.64	17.54	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.68	17.58	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.04	16.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.23	19.13	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.13	19.03	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.06	18.96	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.38	18.28	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.25	18.15	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.09	17.99	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.17	18.07	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.17	19.07	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.05	18.95	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.06	18.96	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.09	17.99	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.97	17.87	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.95	17.85	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.10	18.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.87	18.77	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.87	18.77	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.84	18.74	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.83	17.73	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.82	17.72	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.89	17.79	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.79	17.69	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.94	17.84	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.91	17.81	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.94	17.84	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.34	17.24	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.31	17.21	PASS

Band5	3MHz	16QAM	20415	8RB#7	20.43	17.33	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.24	17.14	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.76	17.66	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.72	17.62	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.70	17.60	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.17	17.07	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.18	17.08	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.23	17.13	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.09	16.99	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.11	18.01	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.15	18.05	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.20	18.10	PASS
Band5	3MHz	16QAM	20635	8RB#0	19.85	16.75	PASS
Band5	3MHz	16QAM	20635	8RB#4	19.86	16.76	PASS
Band5	3MHz	16QAM	20635	8RB#7	19.95	16.85	PASS
Band5	3MHz	16QAM	20635	15RB#0	19.83	16.73	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.15	19.05	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.16	19.06	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.16	19.06	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.21	18.11	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.21	18.11	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.12	18.02	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.08	17.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.04	18.94	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.01	18.91	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.96	18.86	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.11	18.01	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.15	18.05	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.05	17.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.02	17.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.08	18.98	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.12	19.02	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.05	18.95	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.89	17.79	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.91	17.81	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.99	17.89	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.93	17.83	PASS

Band5	5MHz	16QAM	20425	1RB#0	20.61	17.51	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.58	17.48	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.55	17.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.21	17.11	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.20	17.10	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.28	17.18	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.40	17.30	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.21	18.11	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.13	18.03	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.27	18.17	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.27	17.17	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.28	17.18	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.21	17.11	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.20	17.10	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.75	17.65	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.71	17.61	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.85	17.75	PASS
Band5	5MHz	16QAM	20625	12RB#0	19.94	16.84	PASS
Band5	5MHz	16QAM	20625	12RB#6	19.95	16.85	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.87	16.77	PASS
Band5	5MHz	16QAM	20625	25RB#0	19.89	16.79	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.21	19.11	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.12	19.02	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.96	18.86	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.04	17.94	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.15	18.05	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.11	18.01	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.19	18.09	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.90	18.80	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.96	18.86	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.93	18.83	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.14	18.04	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.18	18.08	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.98	17.88	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.13	18.03	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.04	18.94	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.04	18.94	PASS

Band5	10MHz	QPSK	20600	1RB#49	21.81	18.71	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.91	17.81	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.86	17.76	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.86	17.76	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.85	17.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.17	18.07	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.22	18.12	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.00	17.90	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.29	17.19	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.29	17.19	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.18	17.08	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.18	17.08	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.96	17.86	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.96	17.86	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.77	17.67	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.19	17.09	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.27	17.17	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.24	17.14	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.26	17.16	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.41	18.31	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.38	18.28	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.41	18.31	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.04	16.94	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.04	16.94	PASS
Band5	10MHz	16QAM	20600	25RB#25	19.98	16.88	PASS
Band5	10MHz	16QAM	20600	50RB#0	19.87	16.77	PASS

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

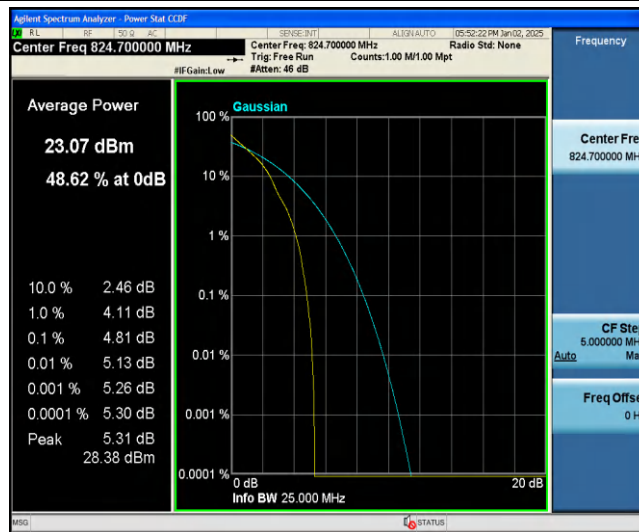
Test Result

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	QPSK	20407	6RB#0	5.14	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.66	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.24	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.01	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.80	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.86	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.05	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.66	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.09	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.72	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.62	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.82	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.50	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.34	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.20	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	3.92	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.82	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.86	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.02	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.27	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	4.77	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.04	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.77	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.38	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.21	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.92	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.06	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.67	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.34	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.86	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.10	13	PASS

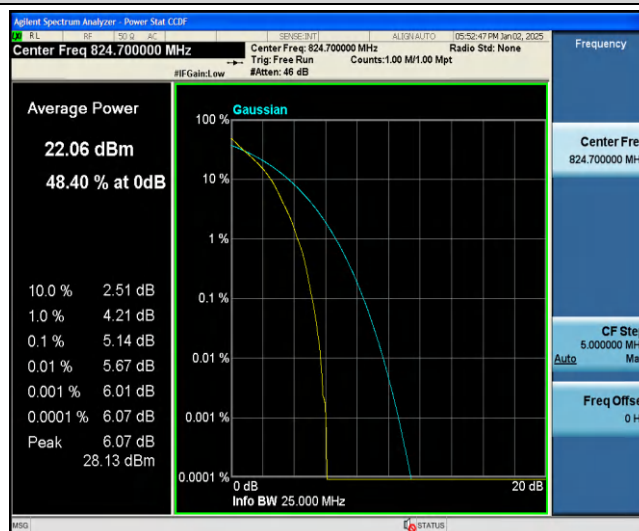
Band5	5MHz	16QAM	20625	25RB#0	4.93	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.63	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.63	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.87	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.24	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.04	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.69	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.66	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.84	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.88	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.53	13	PASS

Test Graphs

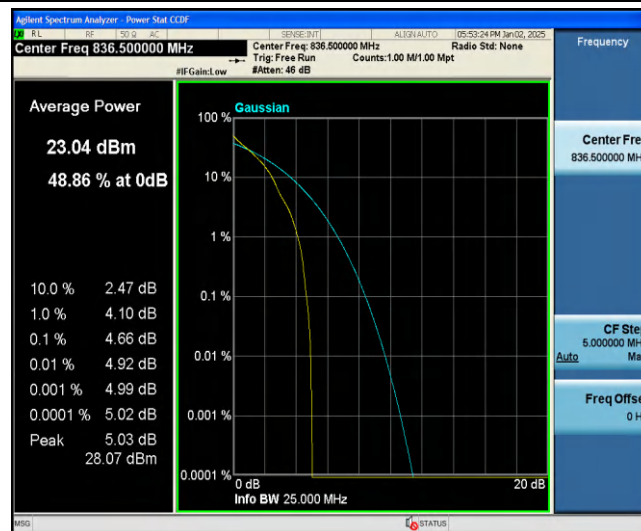
Band5-1.4MHz-QPSK-20407-1RB#0



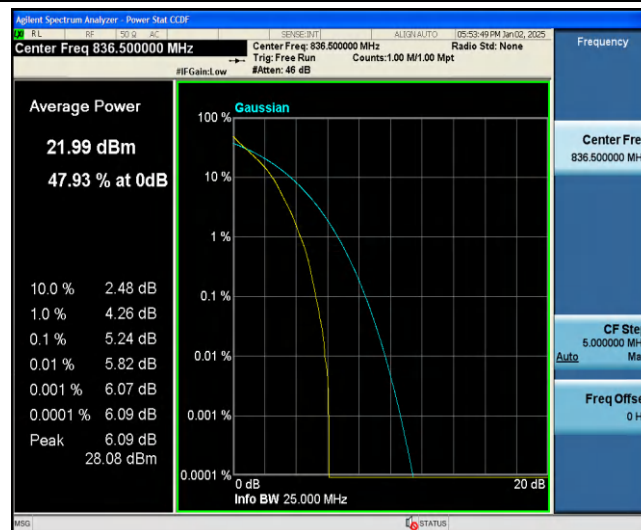
Band5-1.4MHz-QPSK-20407-6RB#0



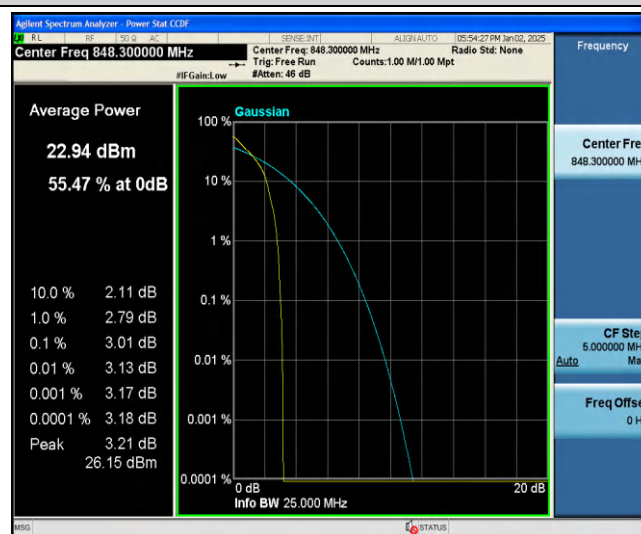
Band5-1.4MHz-QPSK-20525-1RB#0



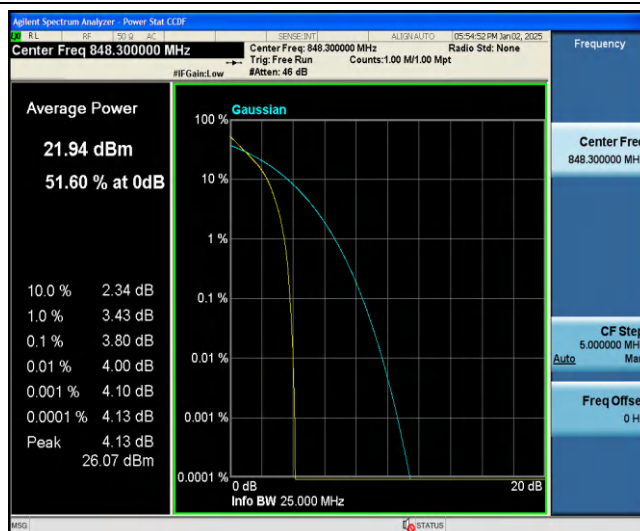
Band5-1.4MHz-QPSK-20525-6RB#0



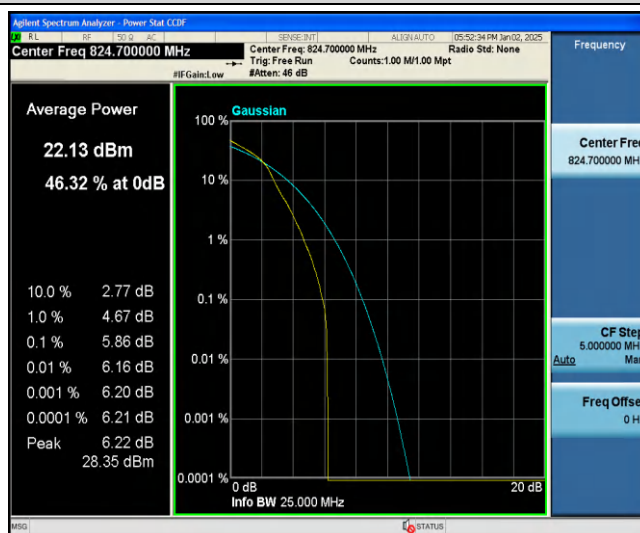
Band5-1.4MHz-QPSK-20643-1RB#0



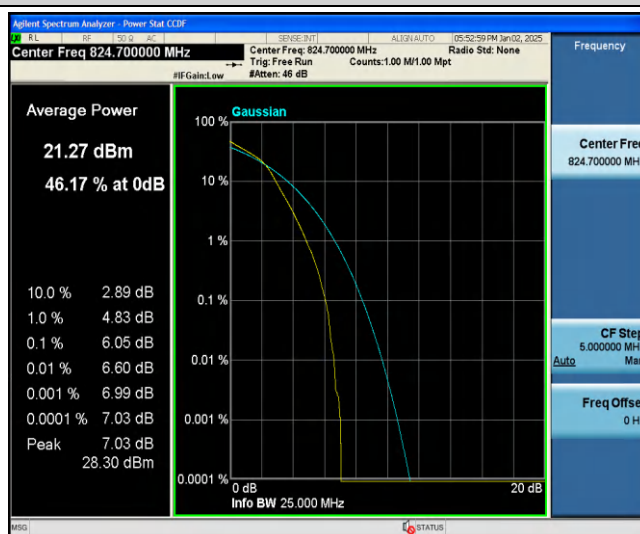
Band5-1.4MHz-QPSK-20643-6RB#0



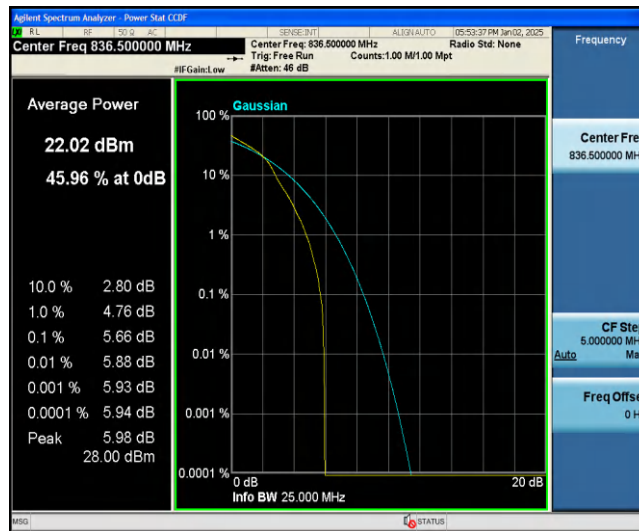
Band5-1.4MHz-16QAM-20407-1RB#0



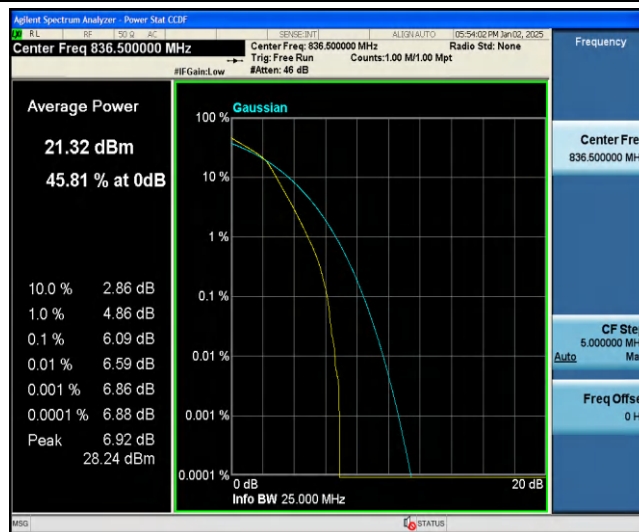
Band5-1.4MHz-16QAM-20407-6RB#0



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



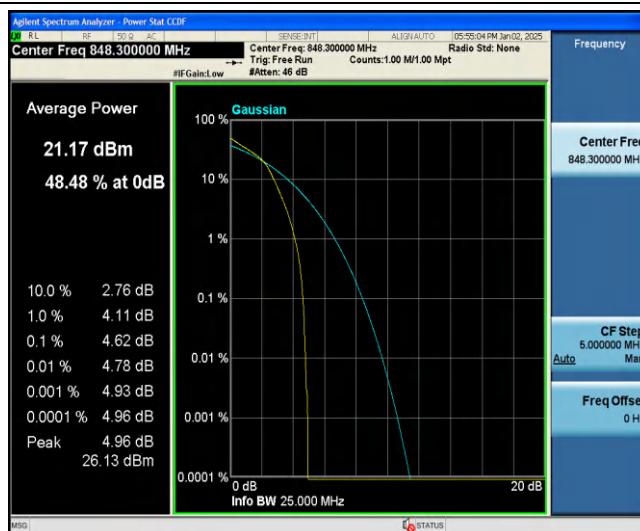
Band5-1.4MHz-16QAM-20525-6RB#0



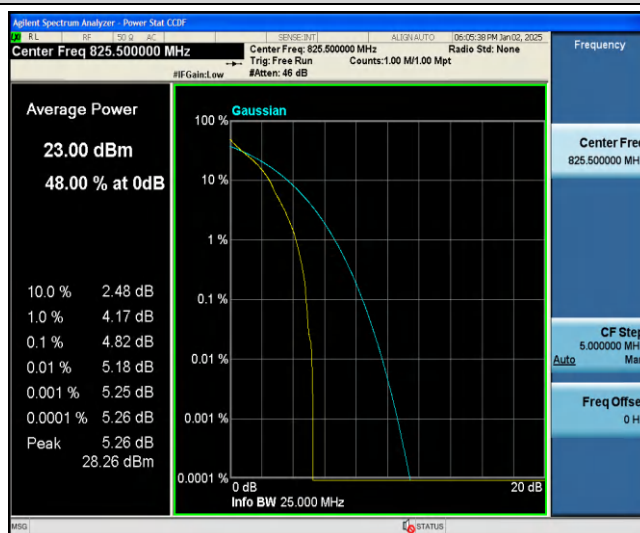
Band5-1.4MHz-16QAM-20643-1RB#0



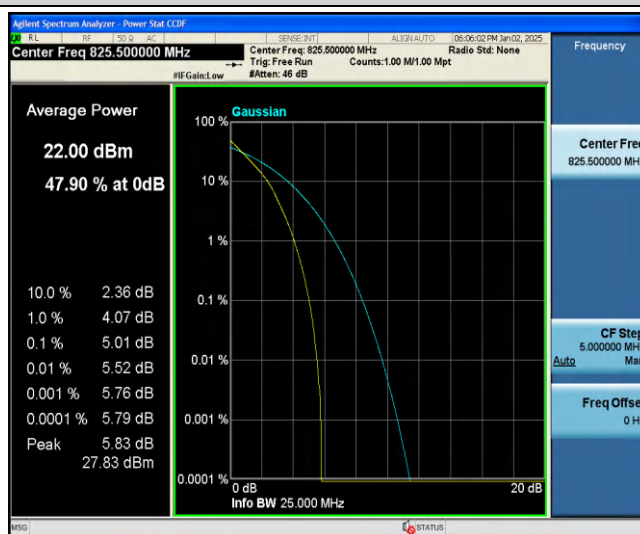
Band5-1.4MHz-16QAM-20643-6RB#0



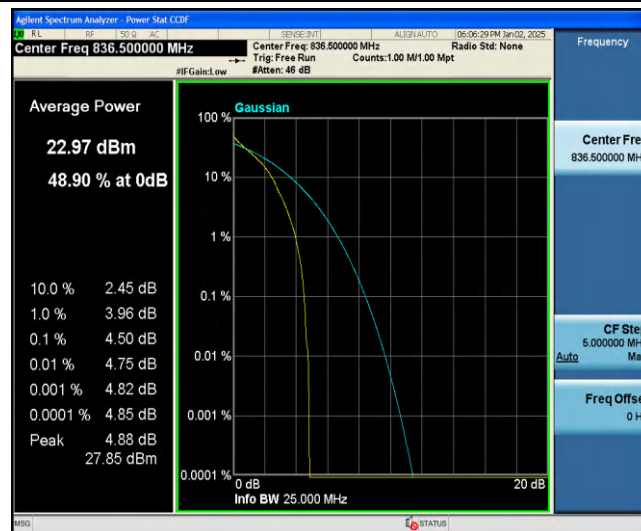
Band5-3MHz-QPSK-20415-1RB#0



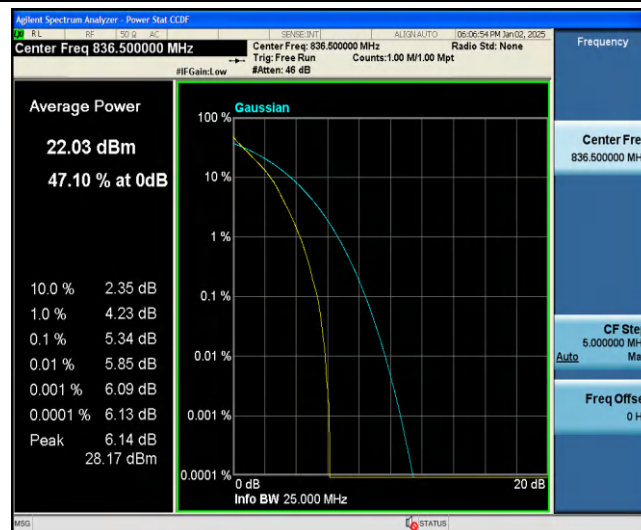
Band5-3MHz-QPSK-20415-15RB#0



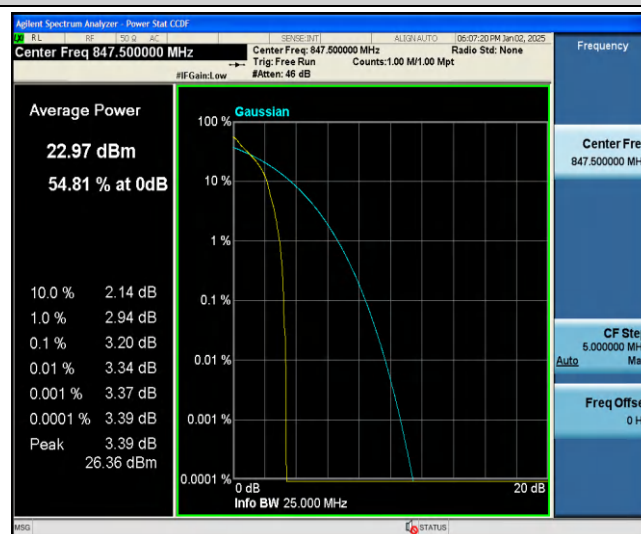
Band5-3MHz-QPSK-20525-1RB#0



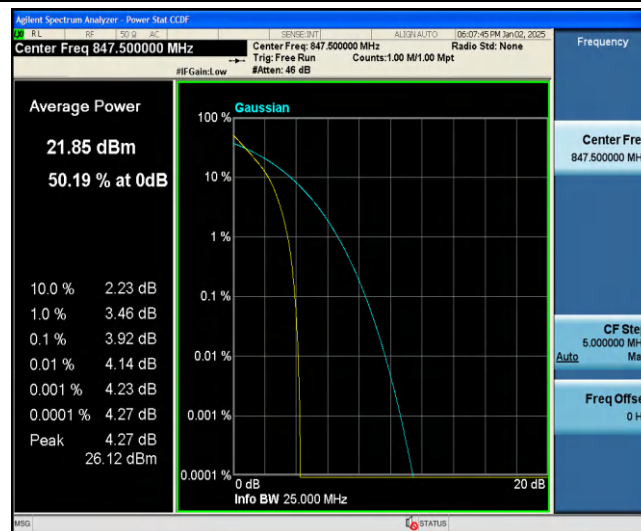
Band5-3MHz-QPSK-20525-15RB#0



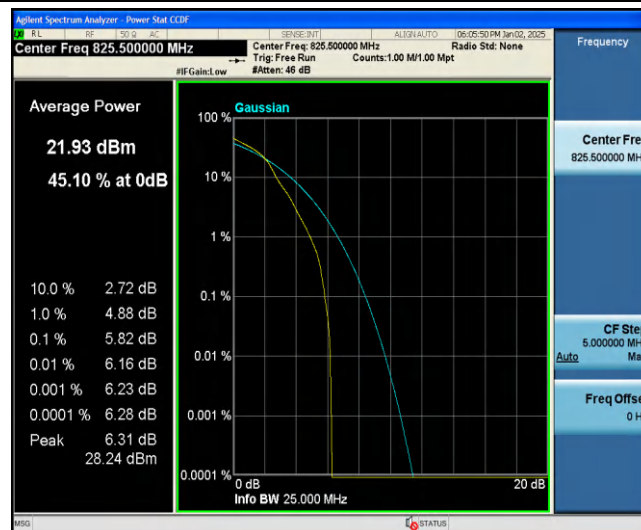
Band5-3MHz-QPSK-20635-1RB#0



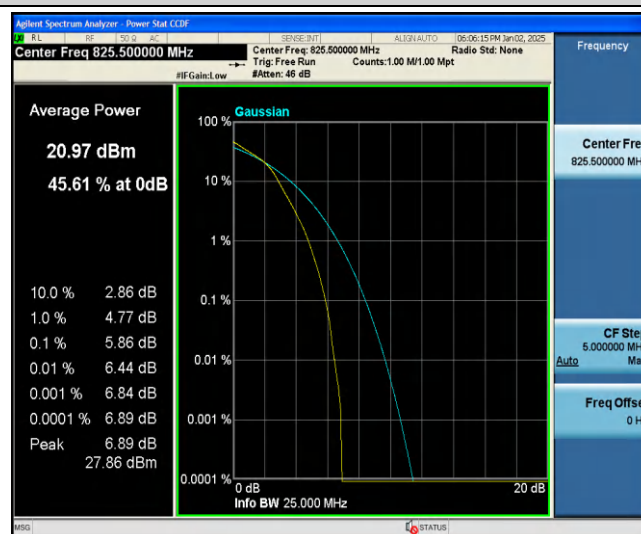
Band5-3MHz-QPSK-20635-15RB#0



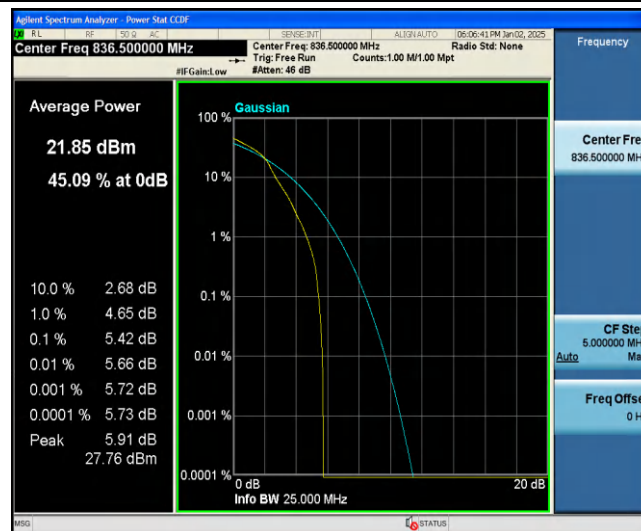
Band5-3MHz-16QAM-20415-1RB#0



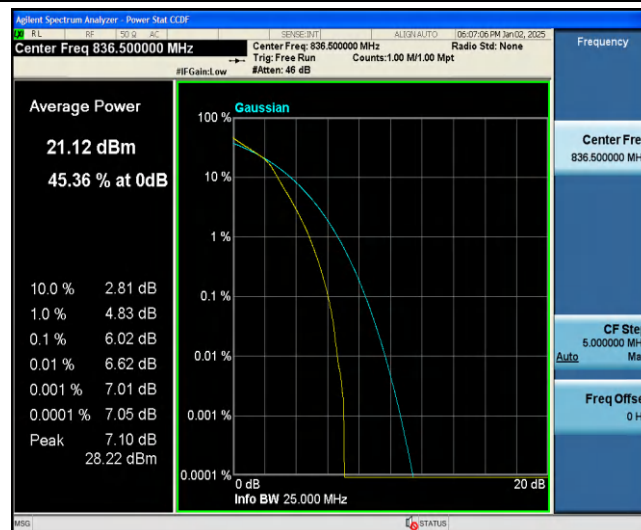
Band5-3MHz-16QAM-20415-15RB#0



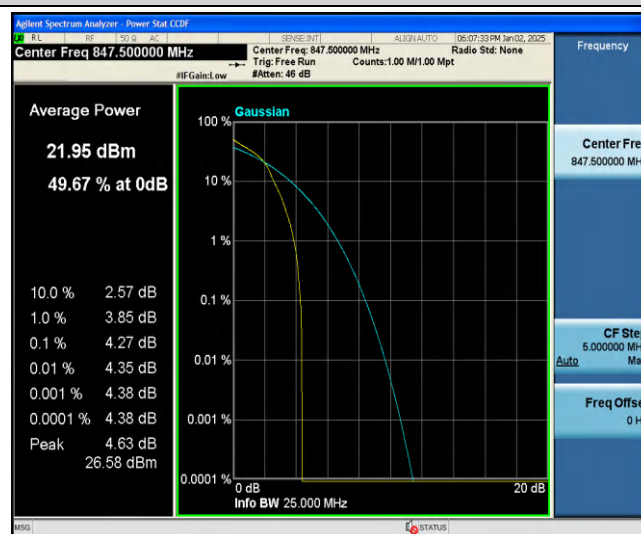
Band5-3MHz-16QAM-20525-1RB#0



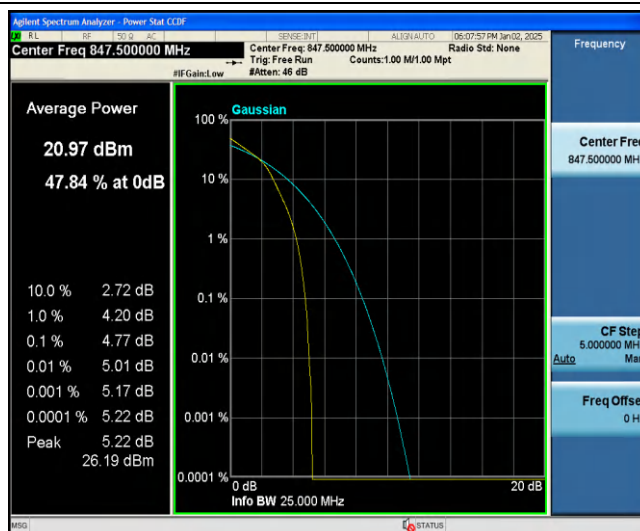
Band5-3MHz-16QAM-20525-15RB#0



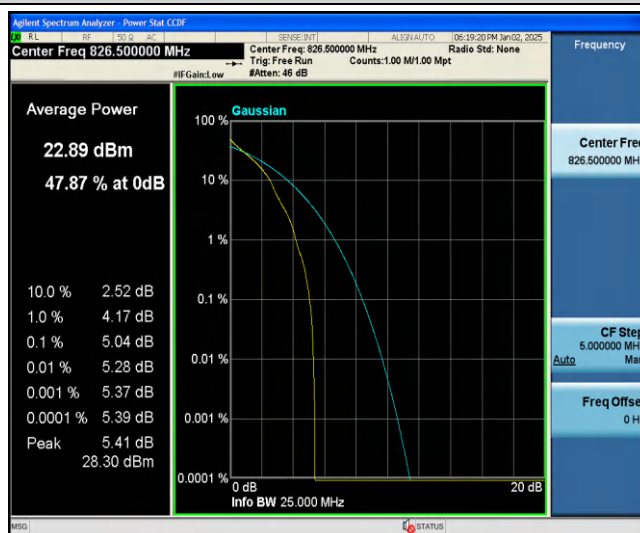
Band5-3MHz-16QAM-20635-1RB#0



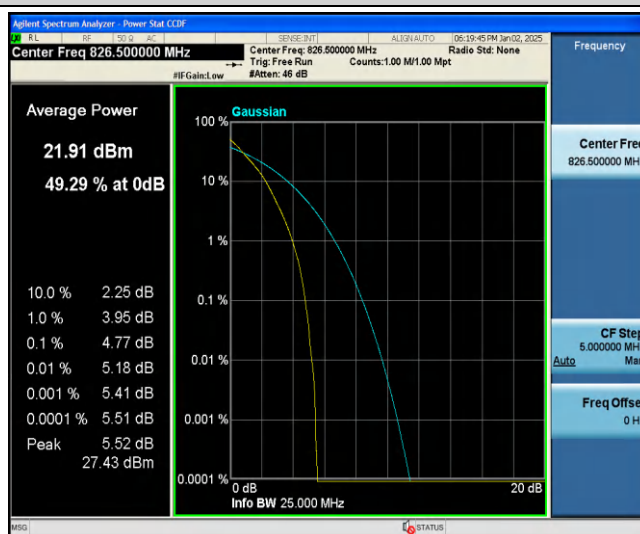
Band5-3MHz-16QAM-20635-15RB#0



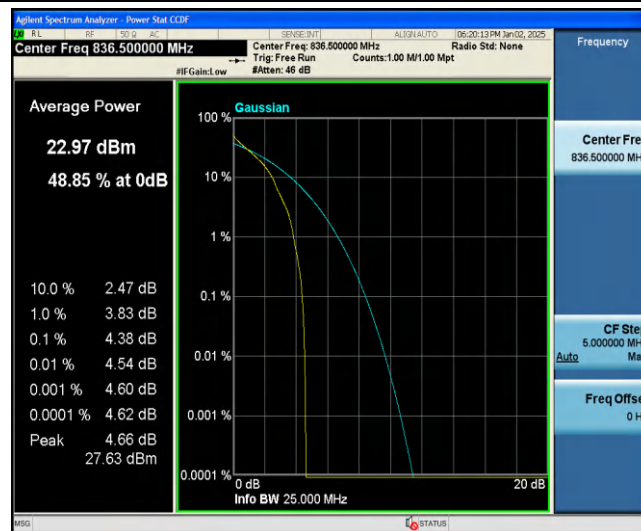
Band5-5MHz-QPSK-20425-1RB#0



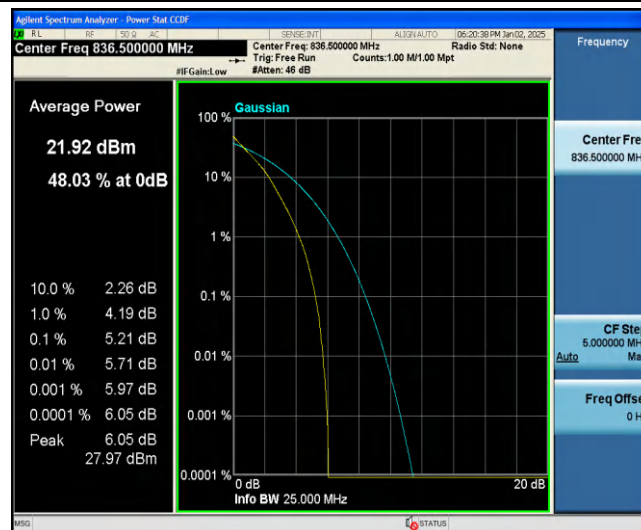
Band5-5MHz-QPSK-20425-25RB#0



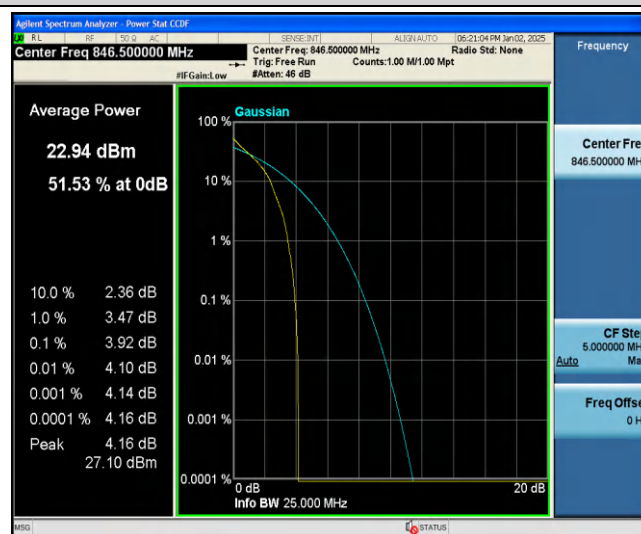
Band5-5MHz-QPSK-20525-1RB#0



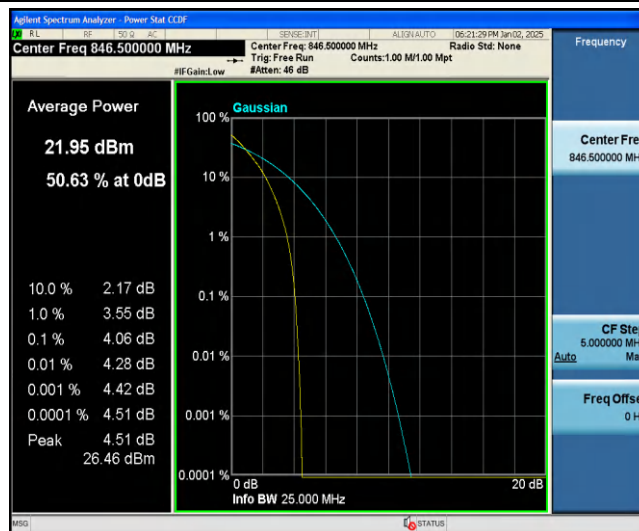
Band5-5MHz-QPSK-20525-25RB#0



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



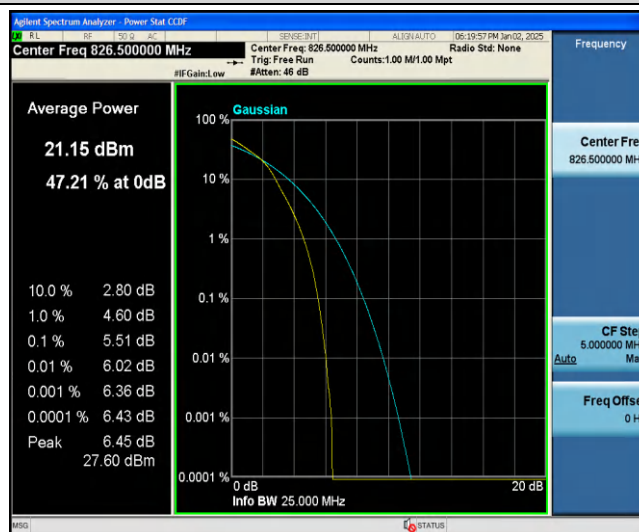
Band5-5MHz-QPSK-20625-25RB#0



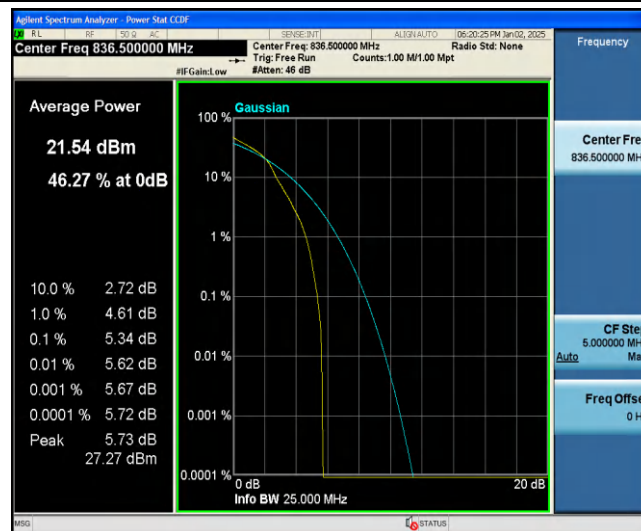
Band5-5MHz-16QAM-20425-1RB#0



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



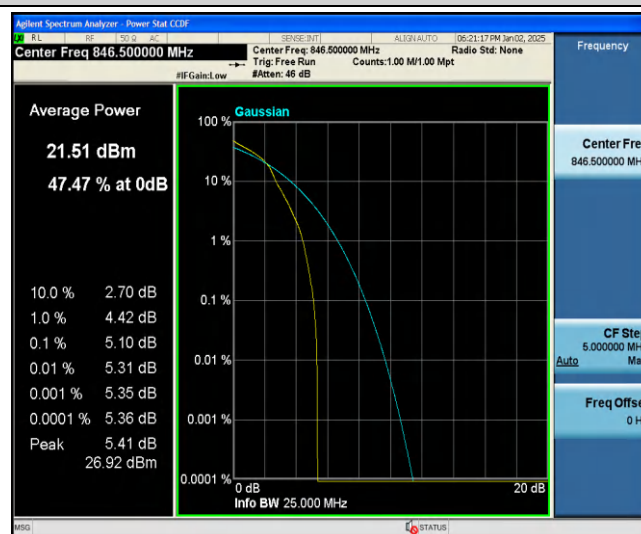
Band5-5MHz-16QAM-20525-1RB#0



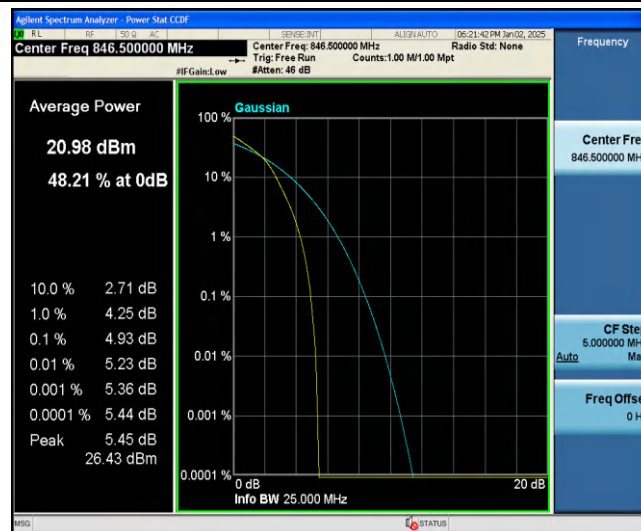
Band5-5MHz-16QAM-20525-25RB#0



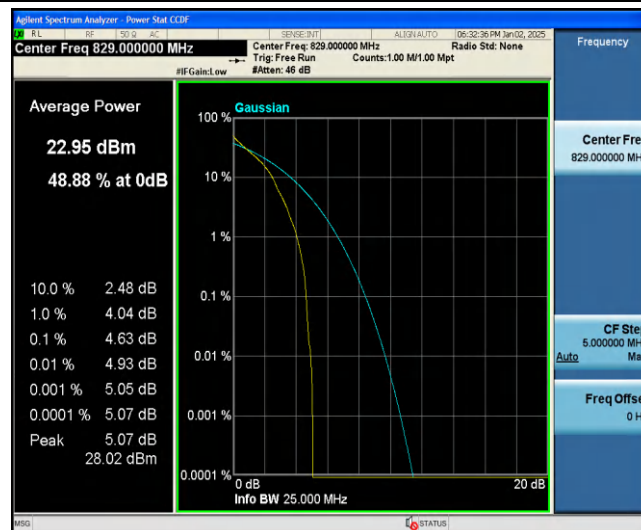
Band5-5MHz-16QAM-20625-1RB#0



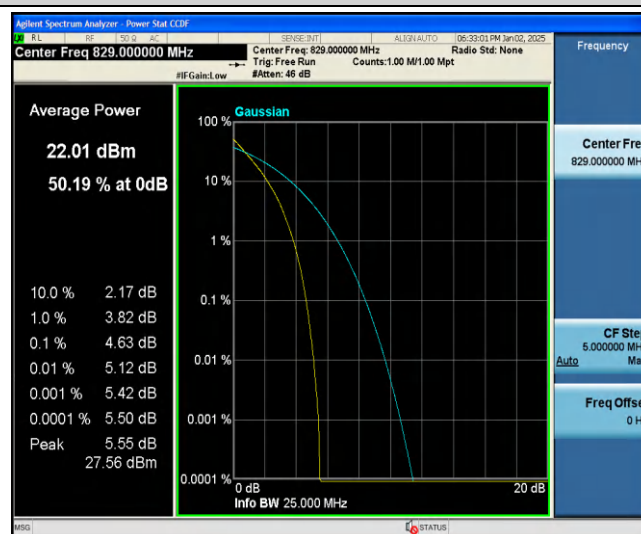
Band5-5MHz-16QAM-20625-25RB#0



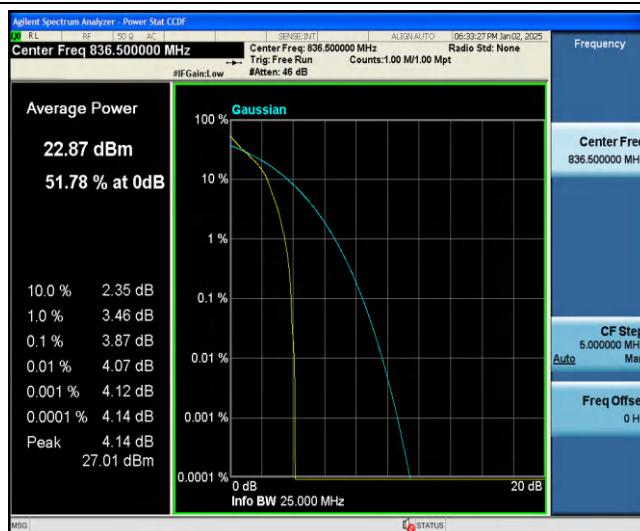
Band5-10MHz-QPSK-20450-1RB#0



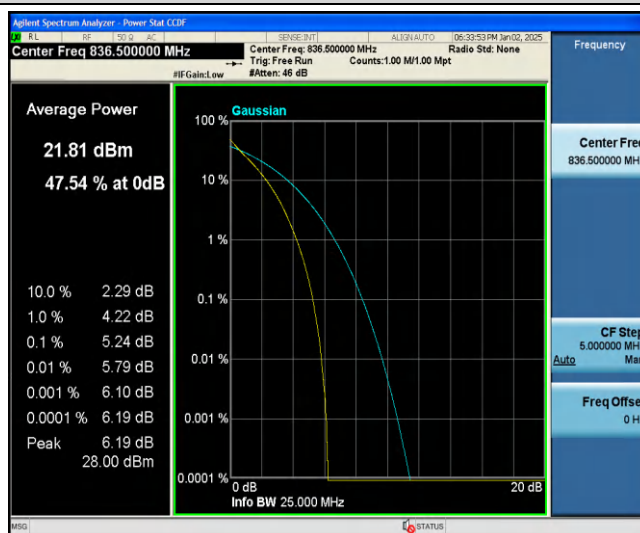
Band5-10MHz-QPSK-20450-50RB#0



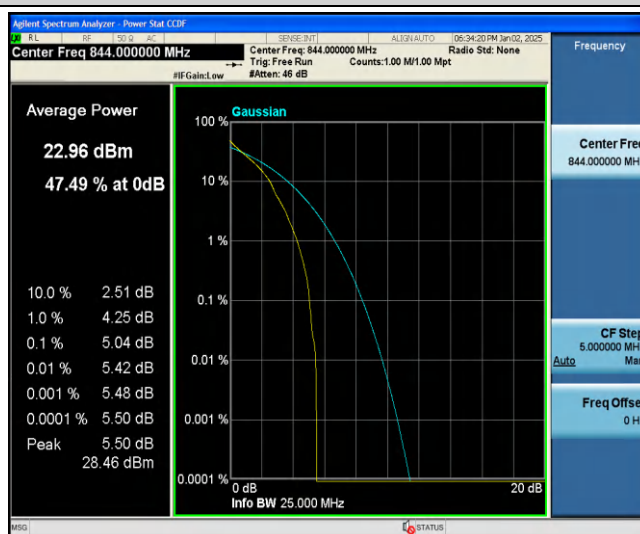
Band5-10MHz-QPSK-20525-1RB#0



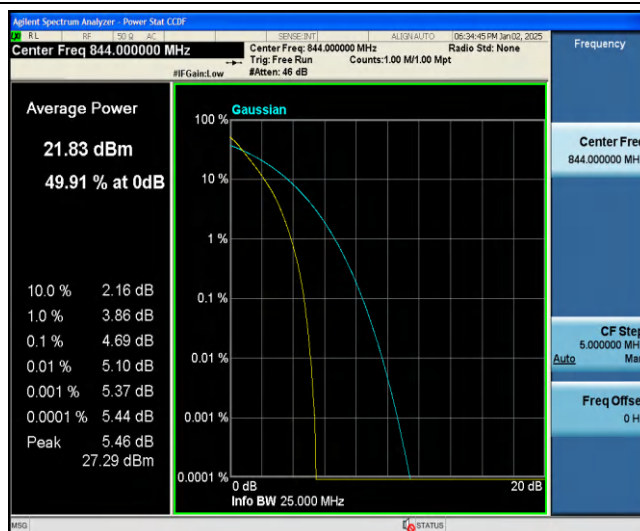
Band5-10MHz-QPSK-20525-50RB#0



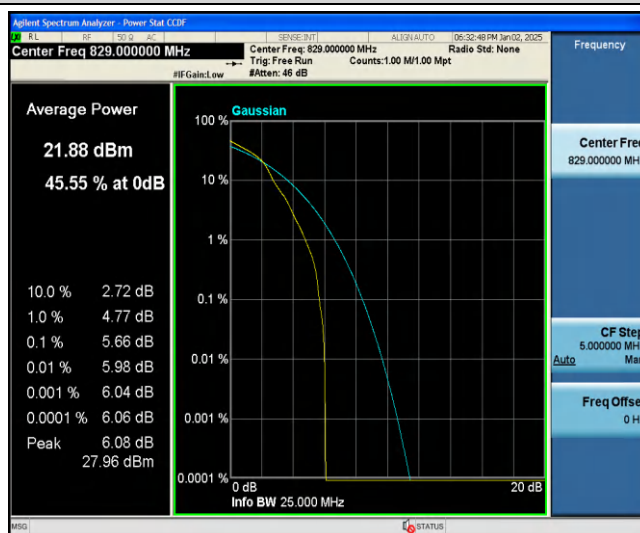
Band5-10MHz-QPSK-20600-1RB#0



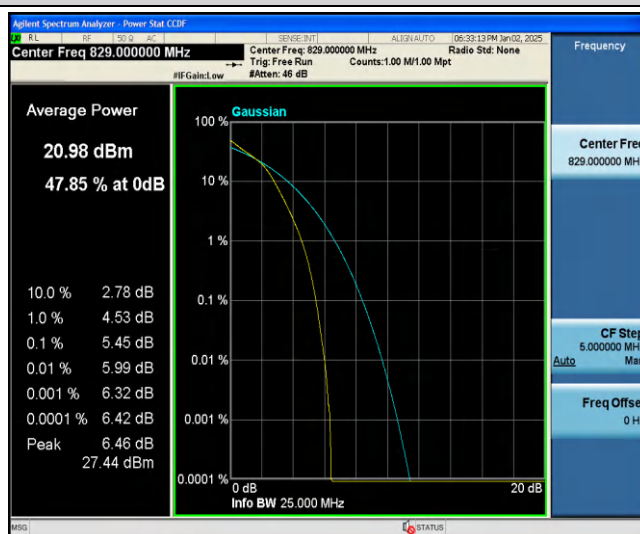
Band5-10MHz-QPSK-20600-50RB#0



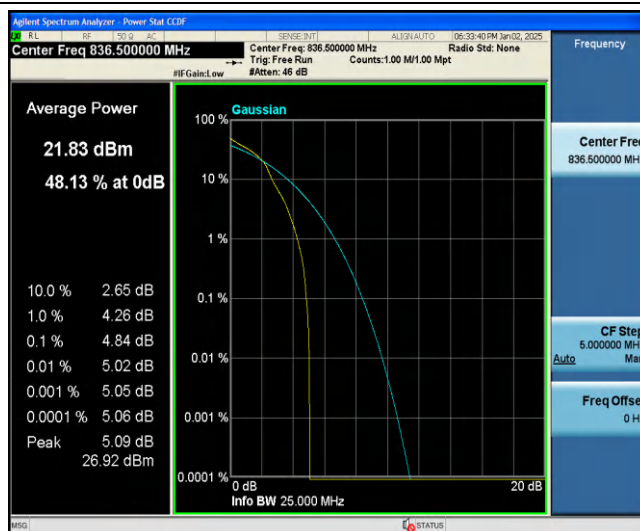
Band5-10MHz-16QAM-20450-1RB#0



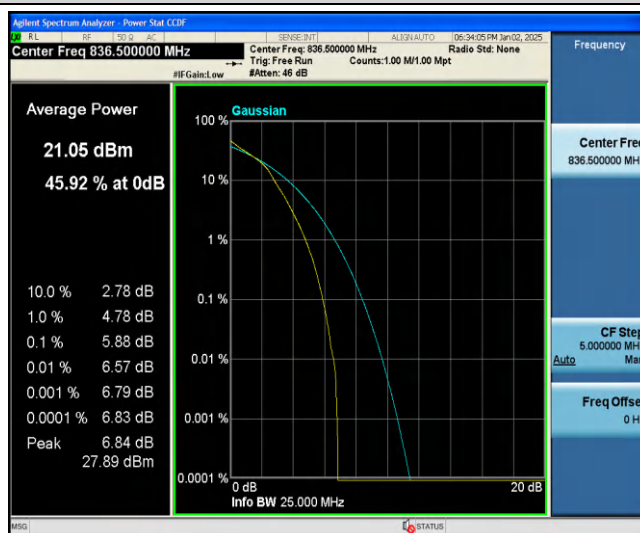
Band5-10MHz-16QAM-20450-50RB#0



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



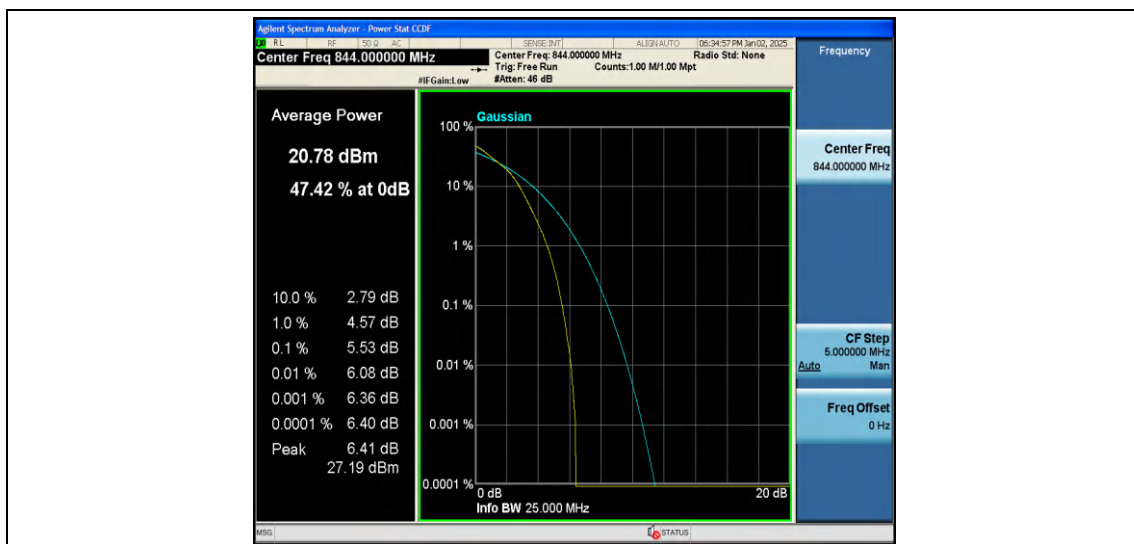
Band5-10MHz-16QAM-20525-50RB#0



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



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



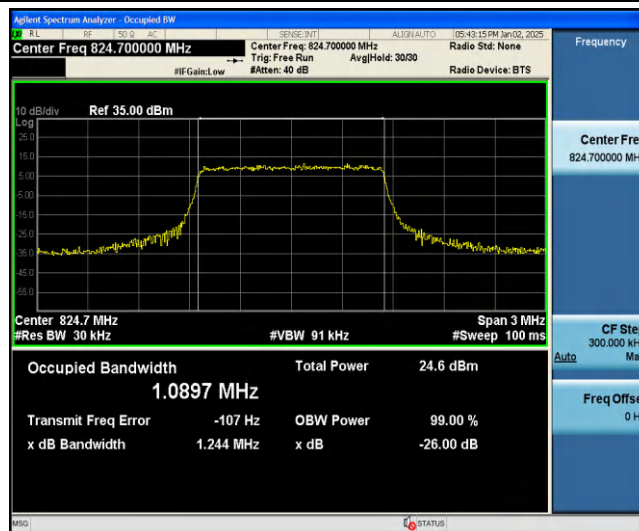
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

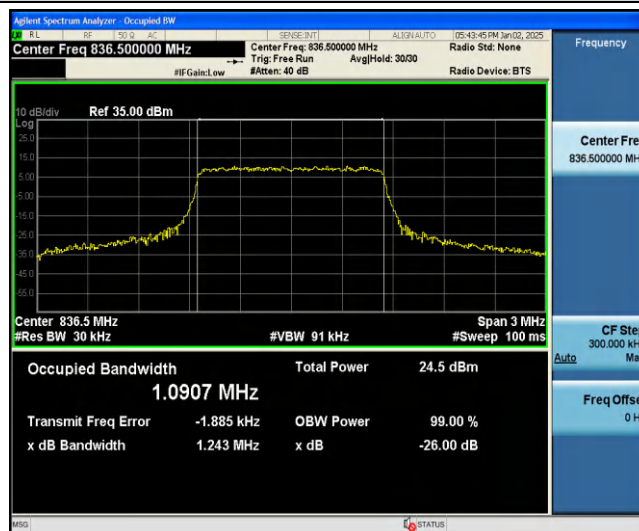
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0897	1.244	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0907	1.243	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0912	1.259	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0897	1.231	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0897	1.238	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0910	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6964	2.957	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6957	2.962	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6988	2.967	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6921	2.971	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6919	2.961	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6931	2.982	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4967	4.921	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5008	4.935	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4978	4.943	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4948	4.940	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5002	4.952	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5020	4.916	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9576	9.542	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0105	9.626	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9539	9.554	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9458	9.524	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9898	9.583	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9487	9.525	PASS

Test Graphs

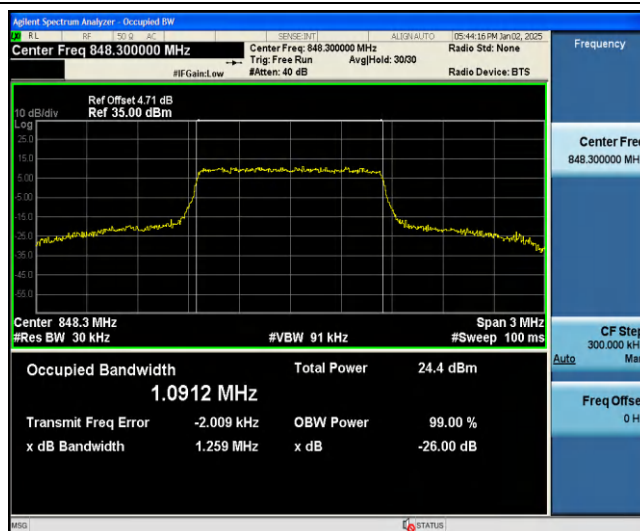
Band5-1.4MHz-QPSK-20407-6RB#0



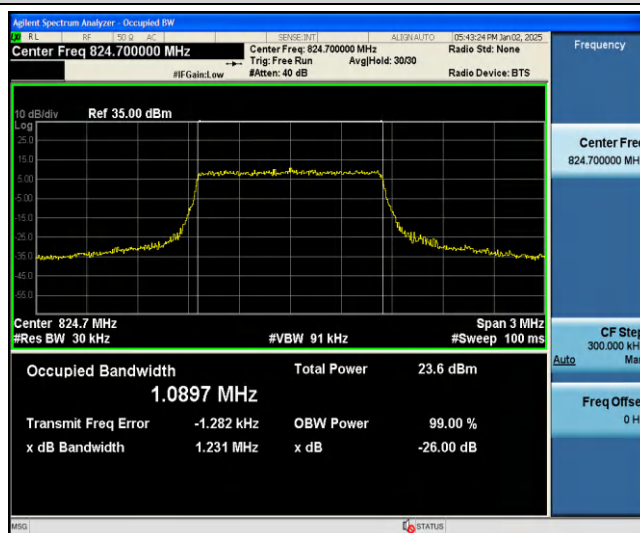
Band5-1.4MHz-QPSK-20525-6RB#0



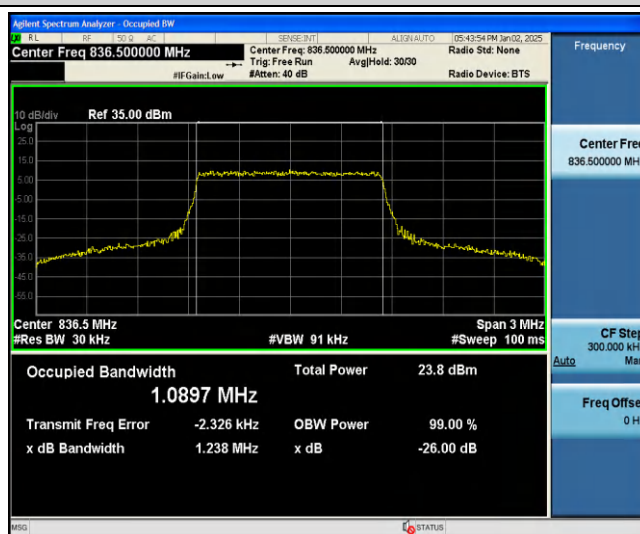
Band5-1.4MHz-QPSK-20643-6RB#0



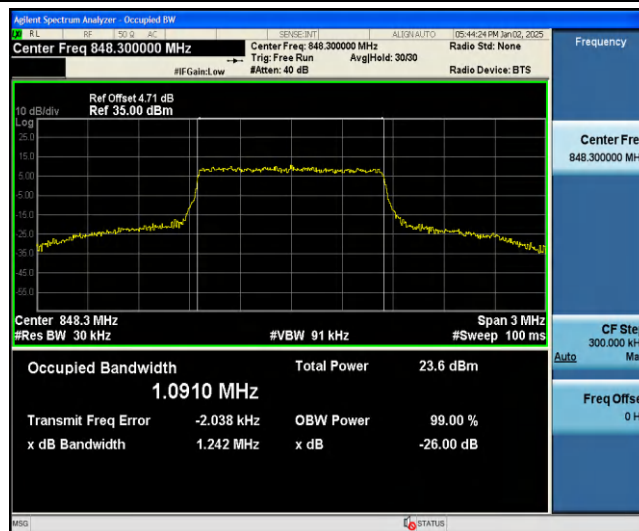
Band5-1.4MHz-16QAM-20407-6RB#0



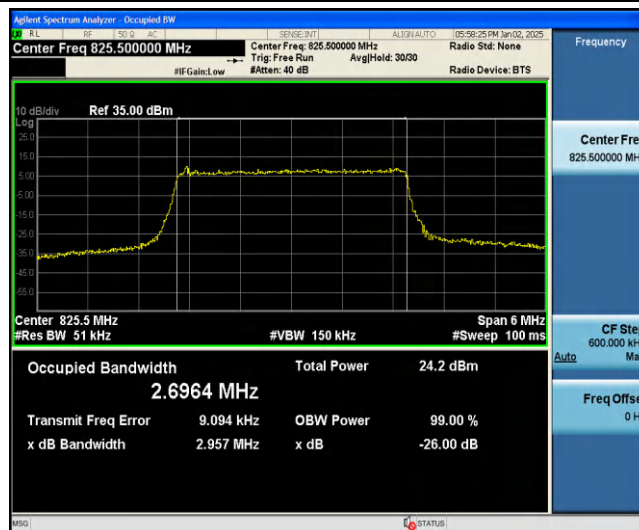
Band5-1.4MHz-16QAM-20525-6RB#0



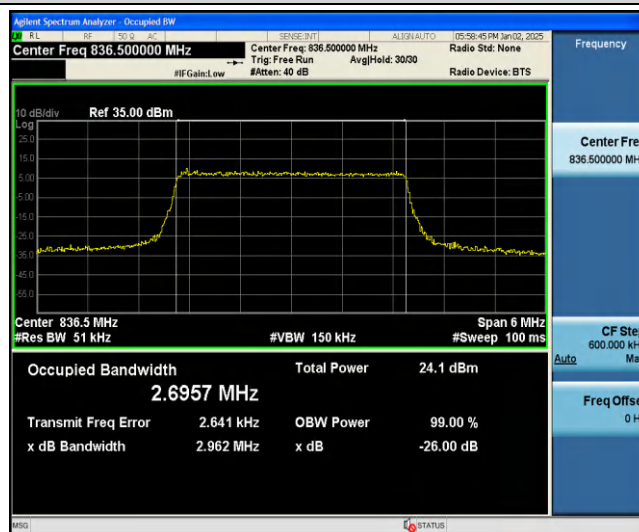
Band5-1.4MHz-16QAM-20643-6RB#0



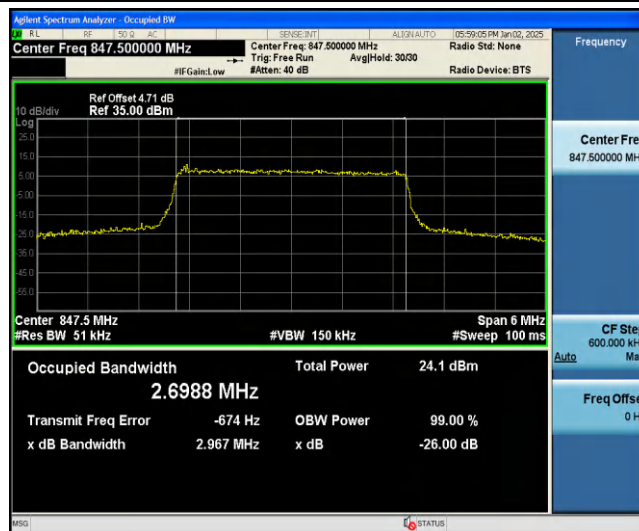
Band5-3MHz-QPSK-20415-15RB#0



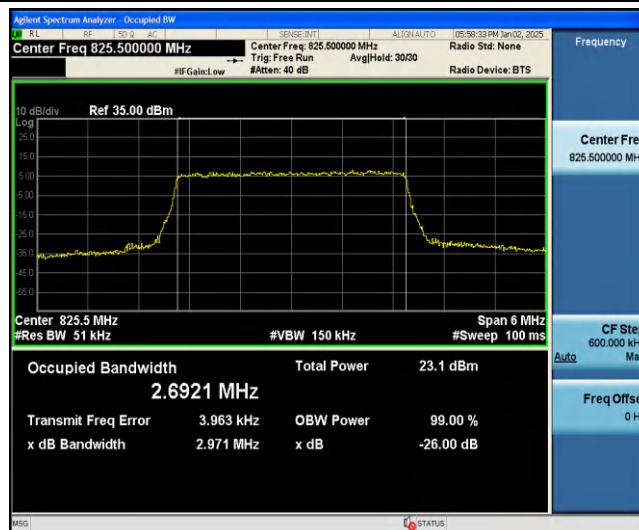
Band5-3MHz-QPSK-20525-15RB#0



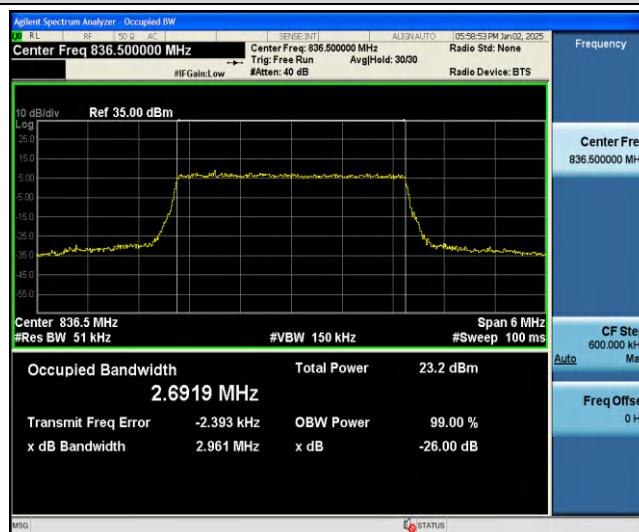
Band5-3MHz-QPSK-20635-15RB#0



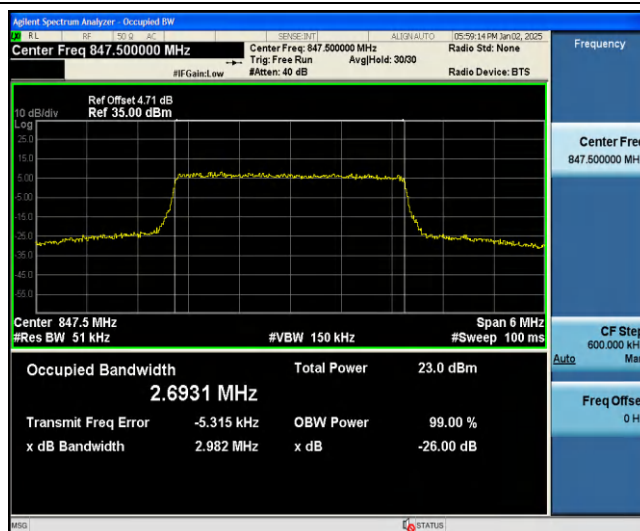
Band5-3MHz-16QAM-20415-15RB#0



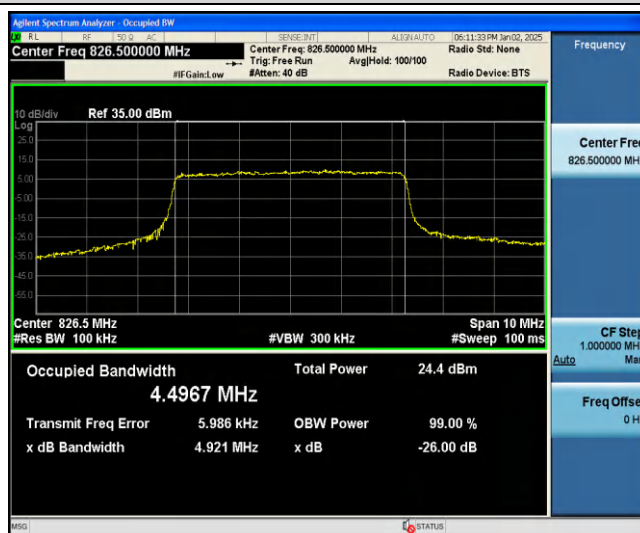
Band5-3MHz-16QAM-20525-15RB#0



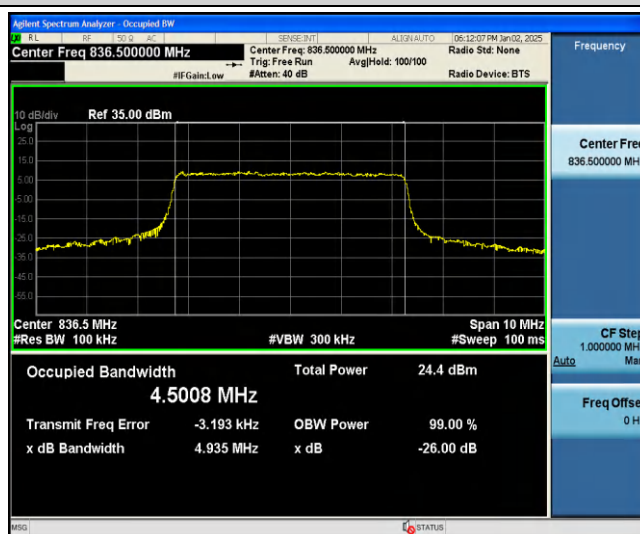
Band5-3MHz-16QAM-20635-15RB#0



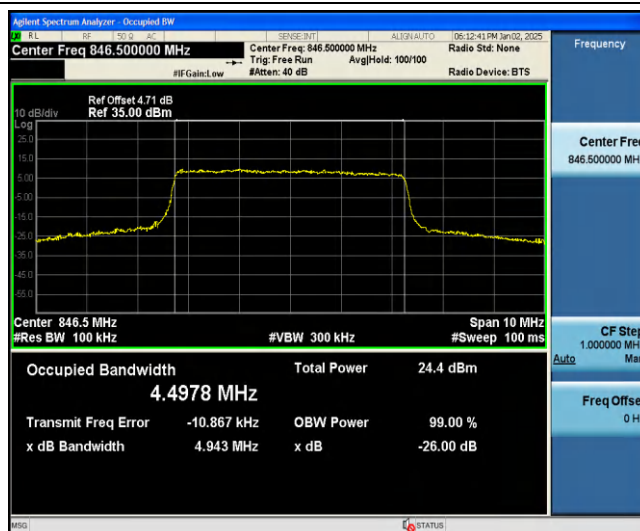
Band5-5MHz-QPSK-20425-25RB#0



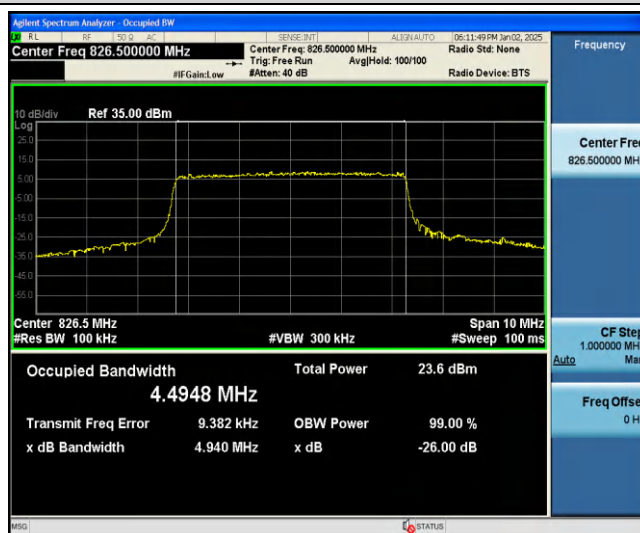
Band5-5MHz-QPSK-20525-25RB#0



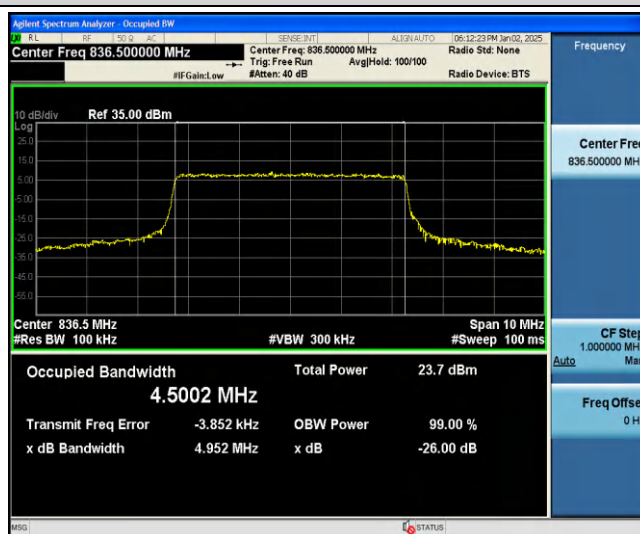
Band5-5MHz-QPSK-20625-25RB#0



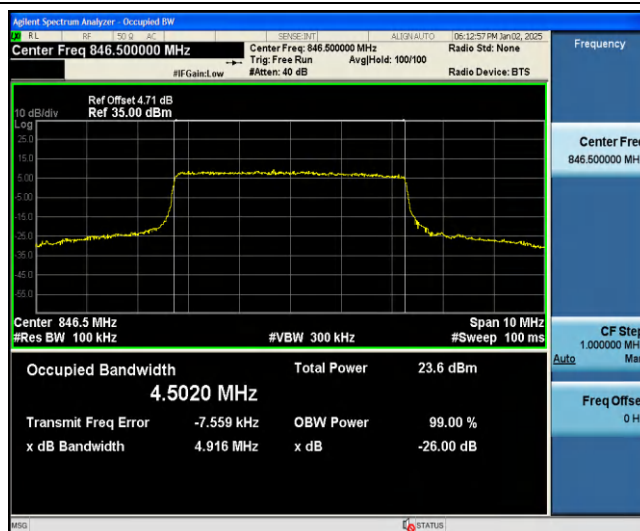
Band5-5MHz-16QAM-20425-25RB#0



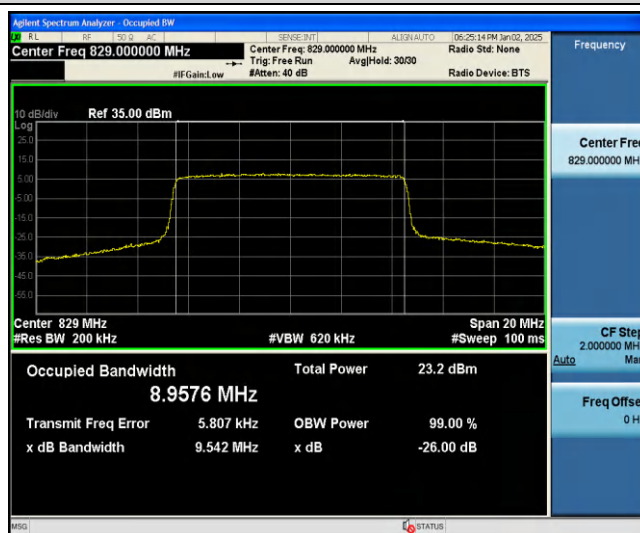
Band5-5MHz-16QAM-20525-25RB#0



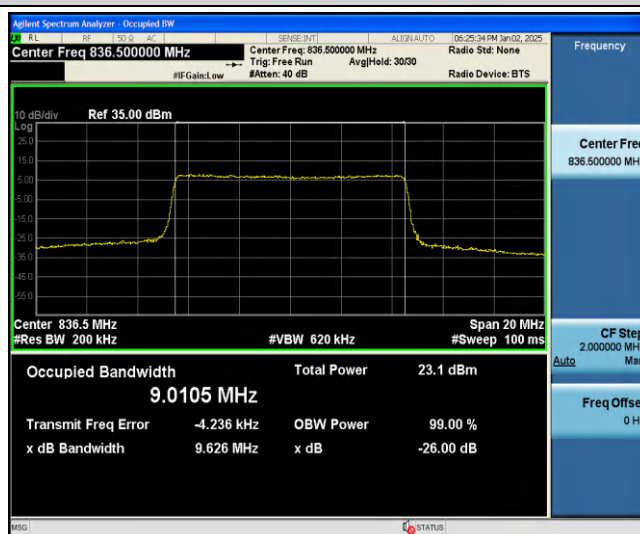
Band5-5MHz-16QAM-20625-25RB#0



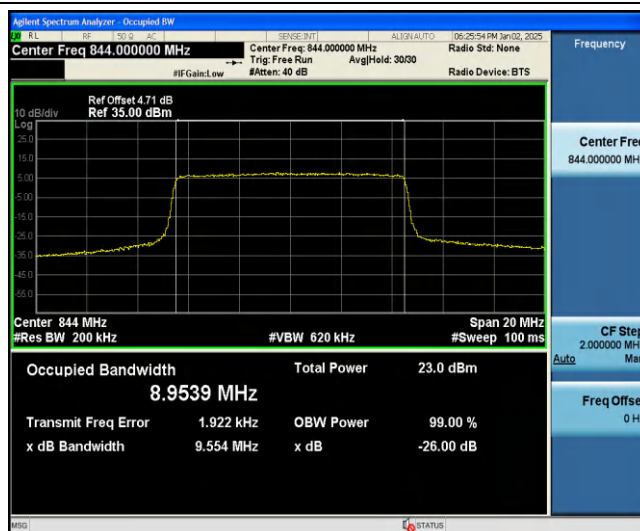
Band5-10MHz-QPSK-20450-50RB#0



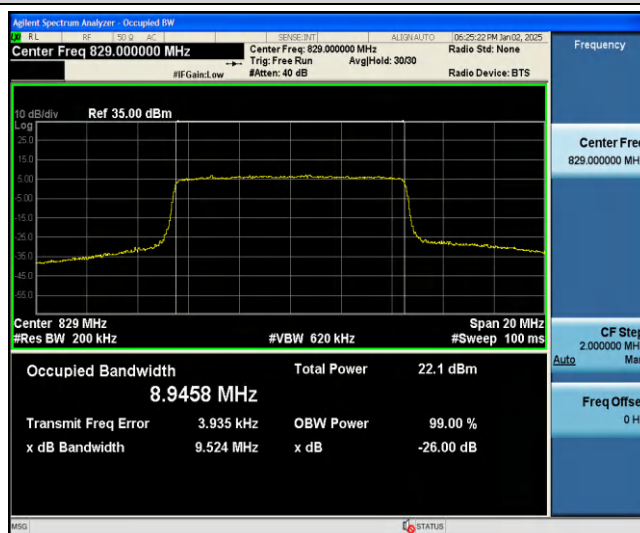
Band5-10MHz-QPSK-20525-50RB#0



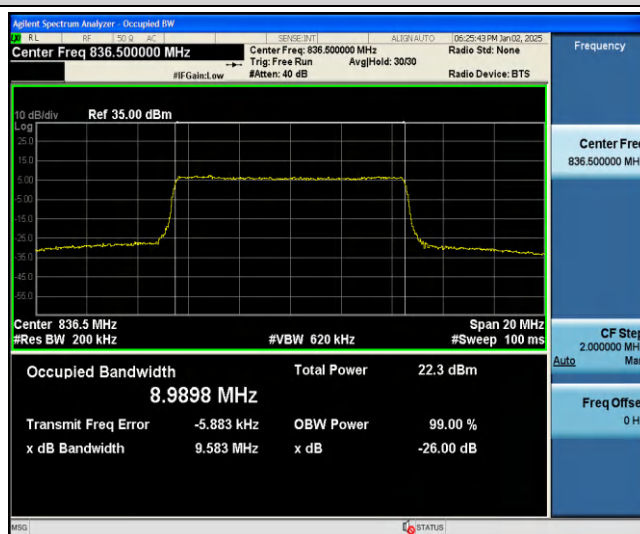
Band5-10MHz-QPSK-20600-50RB#0



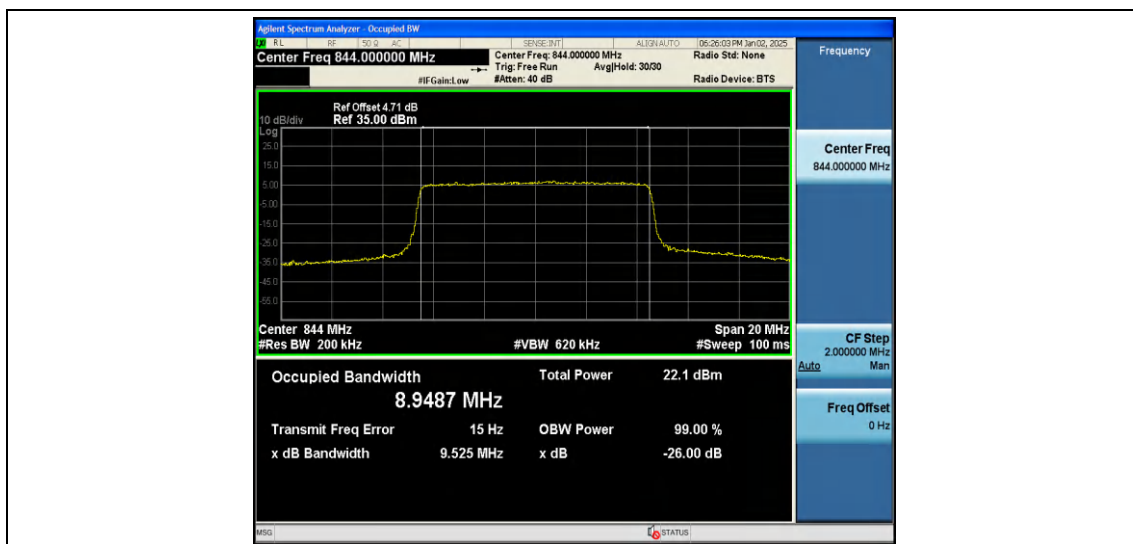
Band5-10MHz-16QAM-20450-50RB#0



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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-16.29	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-27.29	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-22.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-26.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-13.36	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-17.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-19.26	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-27.03	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-25.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-28.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-16.21	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-19.18	PASS
Band5	3MHz	QPSK	20415	1RB#0	-18.96	PASS
Band5	3MHz	QPSK	20415	1RB#14	-23.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	-19.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	-24.02	PASS
Band5	3MHz	QPSK	20635	1RB#14	-19.42	PASS
Band5	3MHz	QPSK	20635	15RB#0	-17.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	-19.98	PASS
Band5	3MHz	16QAM	20415	1RB#14	-25.87	PASS
Band5	3MHz	16QAM	20415	15RB#0	-18.46	PASS
Band5	3MHz	16QAM	20635	1RB#0	-24.69	PASS
Band5	3MHz	16QAM	20635	1RB#14	-20.16	PASS
Band5	3MHz	16QAM	20635	15RB#0	-19.10	PASS
Band5	5MHz	QPSK	20425	1RB#0	-15.38	PASS
Band5	5MHz	QPSK	20425	1RB#24	-27.60	PASS
Band5	5MHz	QPSK	20425	25RB#0	-20.50	PASS
Band5	5MHz	QPSK	20625	1RB#0	-27.61	PASS
Band5	5MHz	QPSK	20625	1RB#24	-16.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	-19.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	-16.83	PASS
Band5	5MHz	16QAM	20425	1RB#24	-26.83	PASS
Band5	5MHz	16QAM	20425	25RB#0	-21.80	PASS
Band5	5MHz	16QAM	20625	1RB#0	-28.55	PASS
Band5	5MHz	16QAM	20625	1RB#24	-16.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	-20.40	PASS

Band5	10MHz	QPSK	20450	1RB#0	-13.07	PASS
Band5	10MHz	QPSK	20450	1RB#49	-28.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	-24.04	PASS
Band5	10MHz	QPSK	20600	1RB#0	-29.78	PASS
Band5	10MHz	QPSK	20600	1RB#49	-44.81	PASS
Band5	10MHz	QPSK	20600	50RB#0	-23.49	PASS
Band5	10MHz	16QAM	20450	1RB#0	-13.00	PASS
Band5	10MHz	16QAM	20450	1RB#49	-28.32	PASS
Band5	10MHz	16QAM	20450	50RB#0	-25.62	PASS
Band5	10MHz	16QAM	20600	1RB#0	-29.61	PASS
Band5	10MHz	16QAM	20600	1RB#49	-17.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	-24.97	PASS

Test Graphs

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



Band5-1.4MHz-QPSK-20407-1RB#5



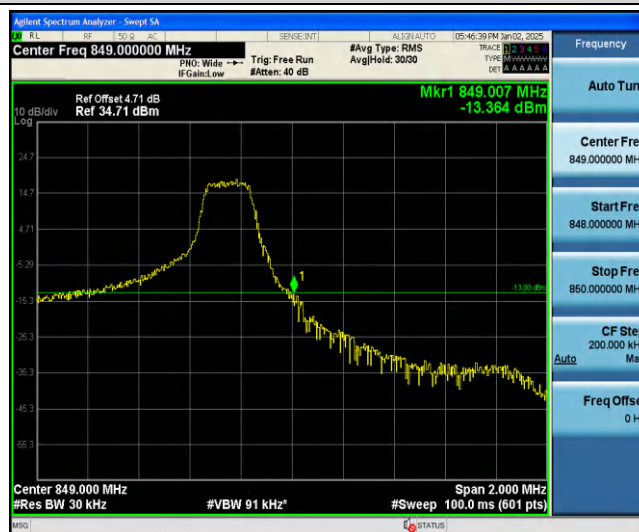
Band5-1.4MHz-QPSK-20407-6RB#0



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



Band5-1.4MHz-QPSK-20643-1RB#5



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



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



Band5-1.4MHz-16QAM-20407-1RB#5



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