

FCC Appendix RF Test Data for LTE Band 5

Company: : **Gastor Pty Ltd**

EUT : **GPS tracker**

Model Number : **AG45**

FCC ID : **2BU7Q-AG45**

Report No. : **CTA26031300104**

Reviewed By : **Eric Wang**

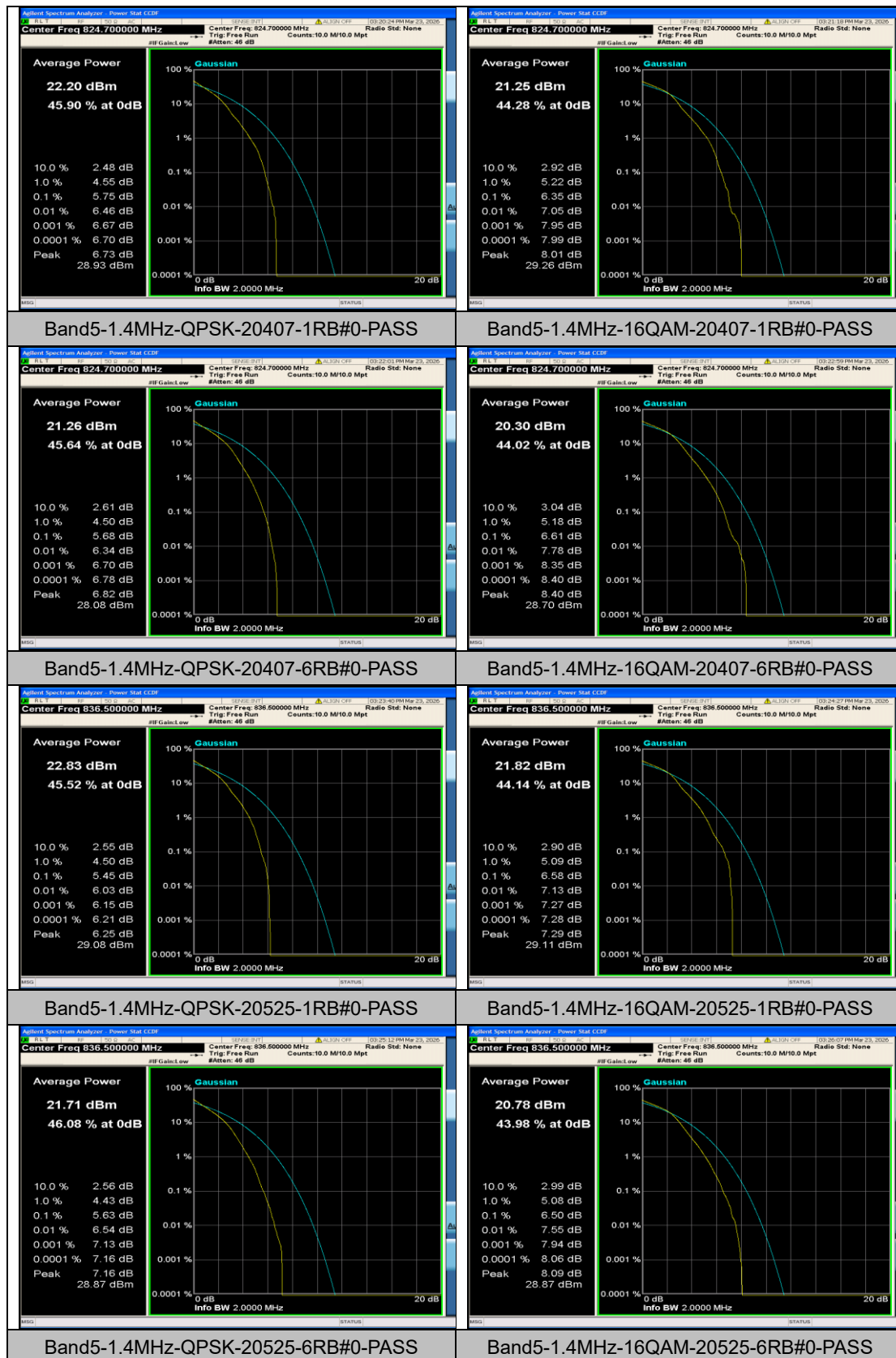
Appendix B: Peak-to-Average Ratio(CCDF)

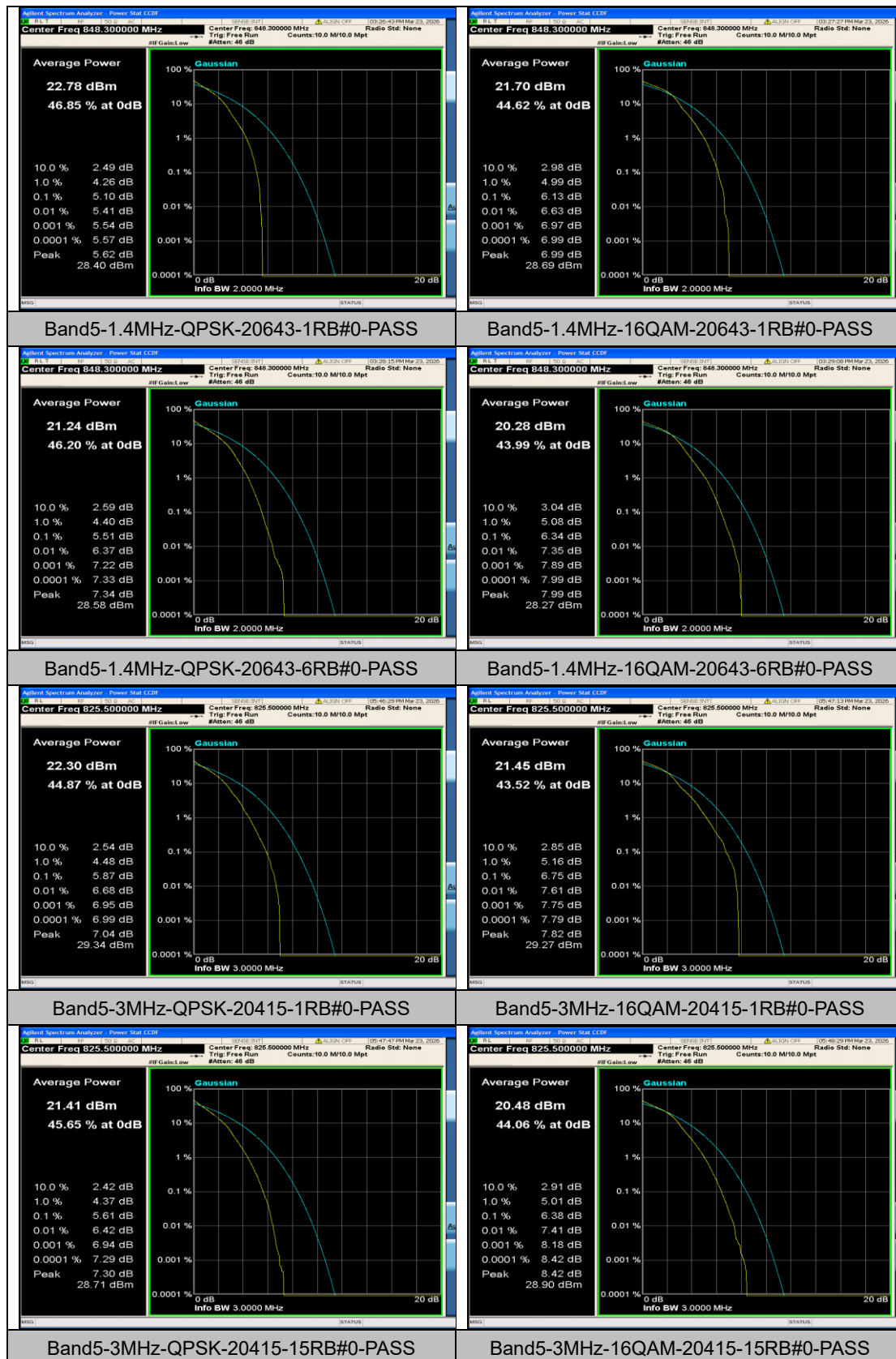
Test Result

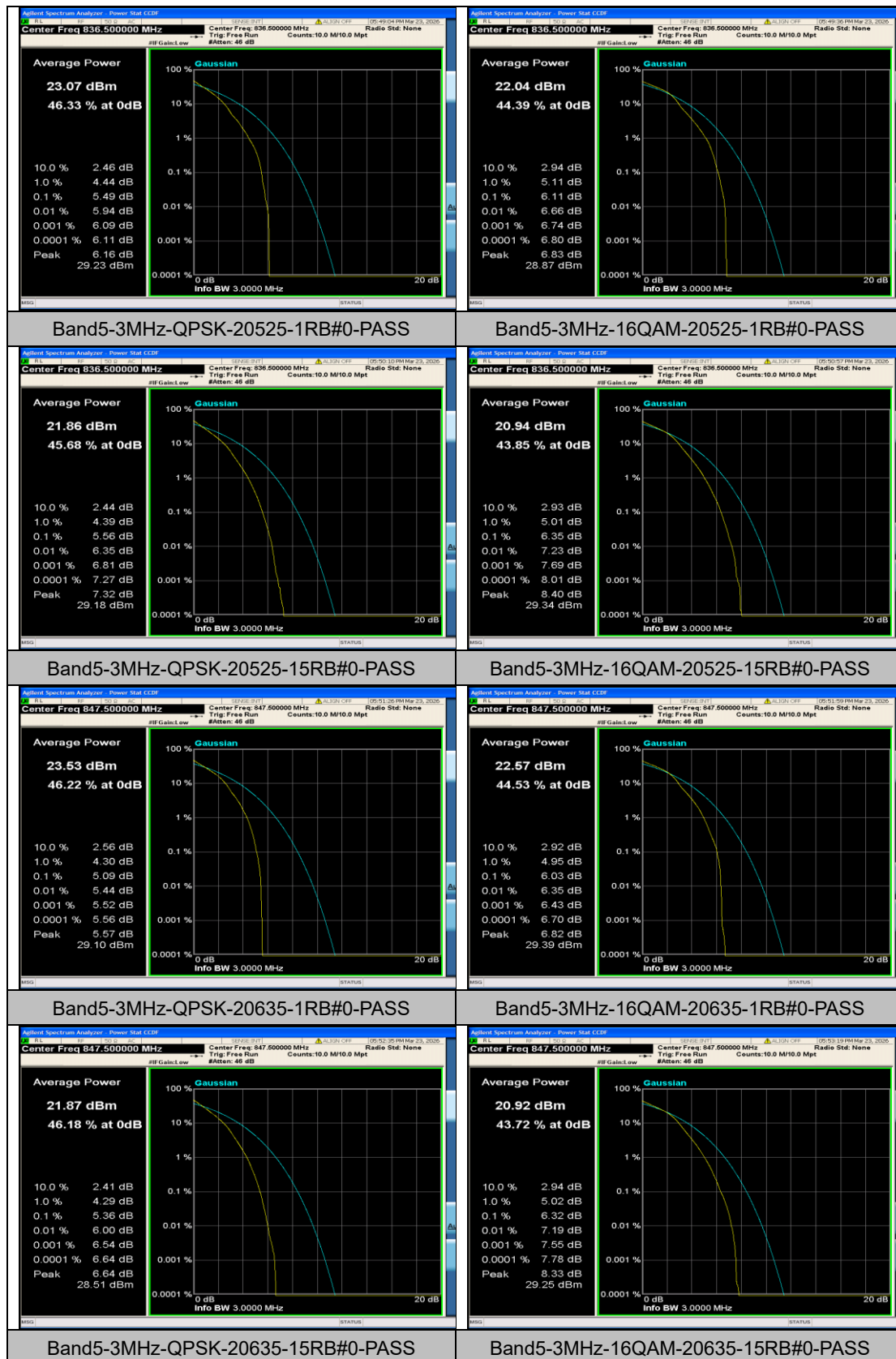
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.75	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.35	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.68	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.61	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.58	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.50	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.13	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.51	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.34	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.87	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.75	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.38	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.49	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.11	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.56	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.35	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.09	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.03	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.36	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.32	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.89	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.47	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.49	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.18	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.86	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.77	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.81	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.18	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.82	13	PASS

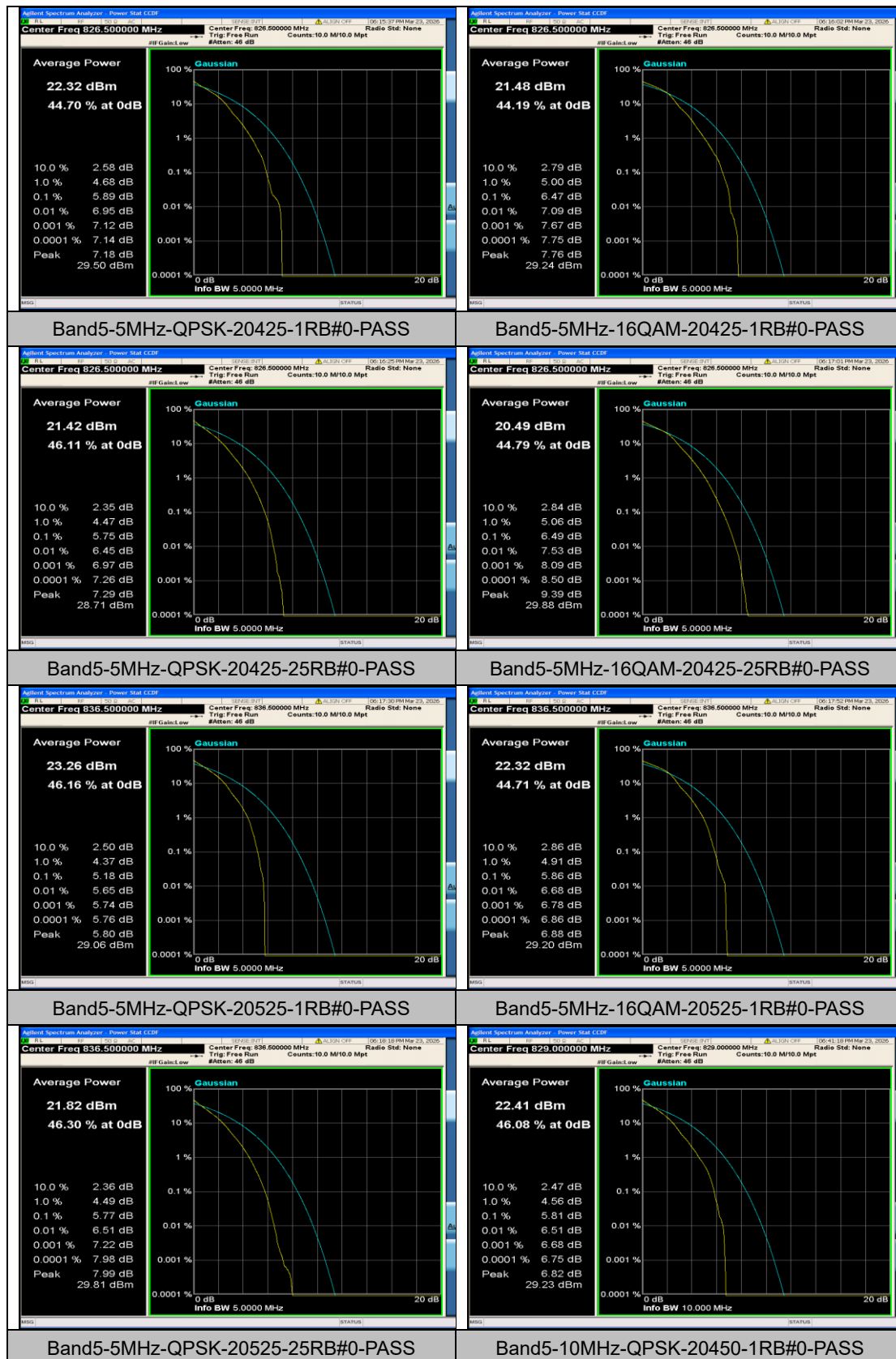
Band5	10MHz	16QAM	20600	1RB#0	6.61	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.74	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.99	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	6.26	13	PASS

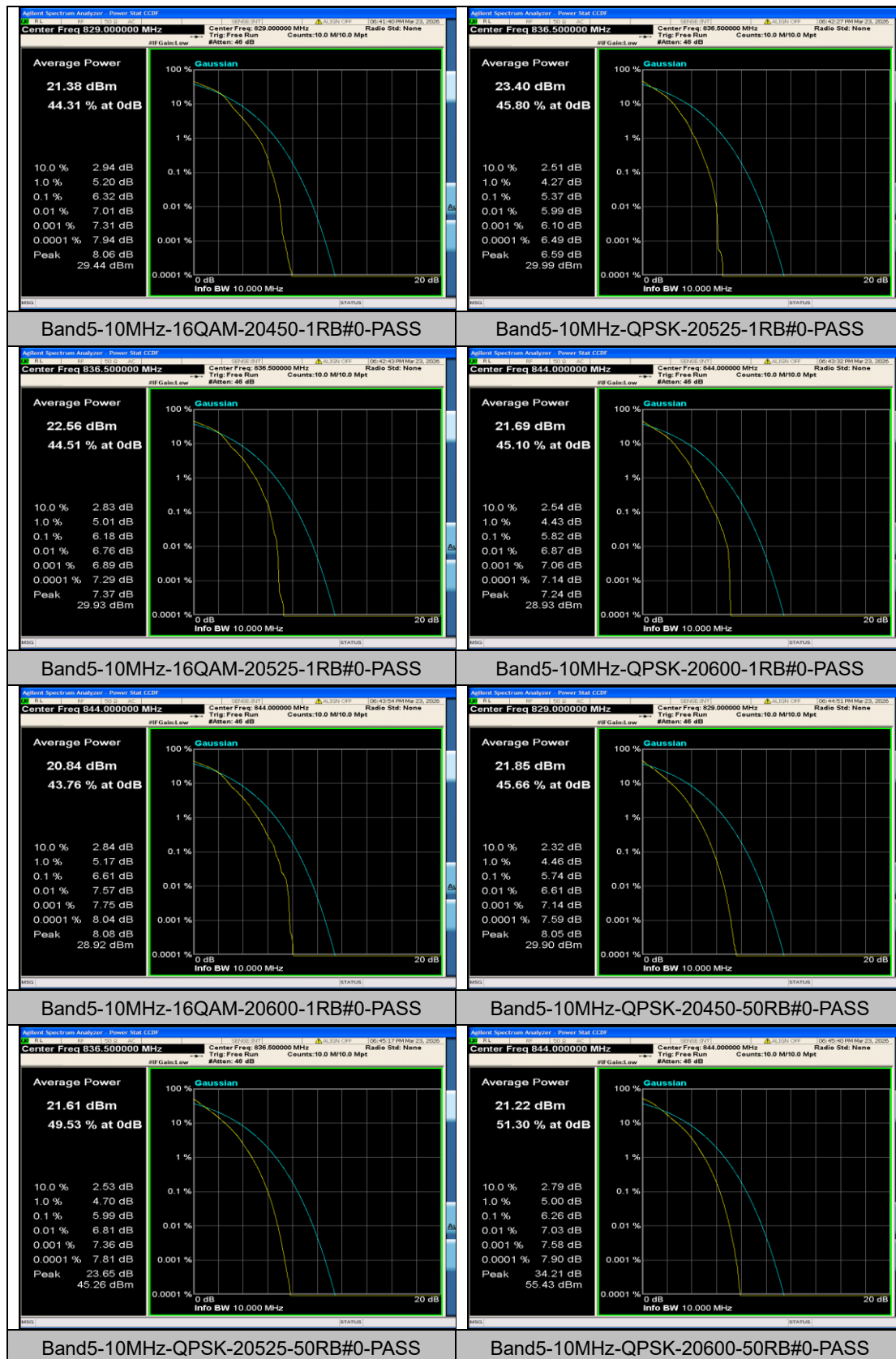
Test Graphs









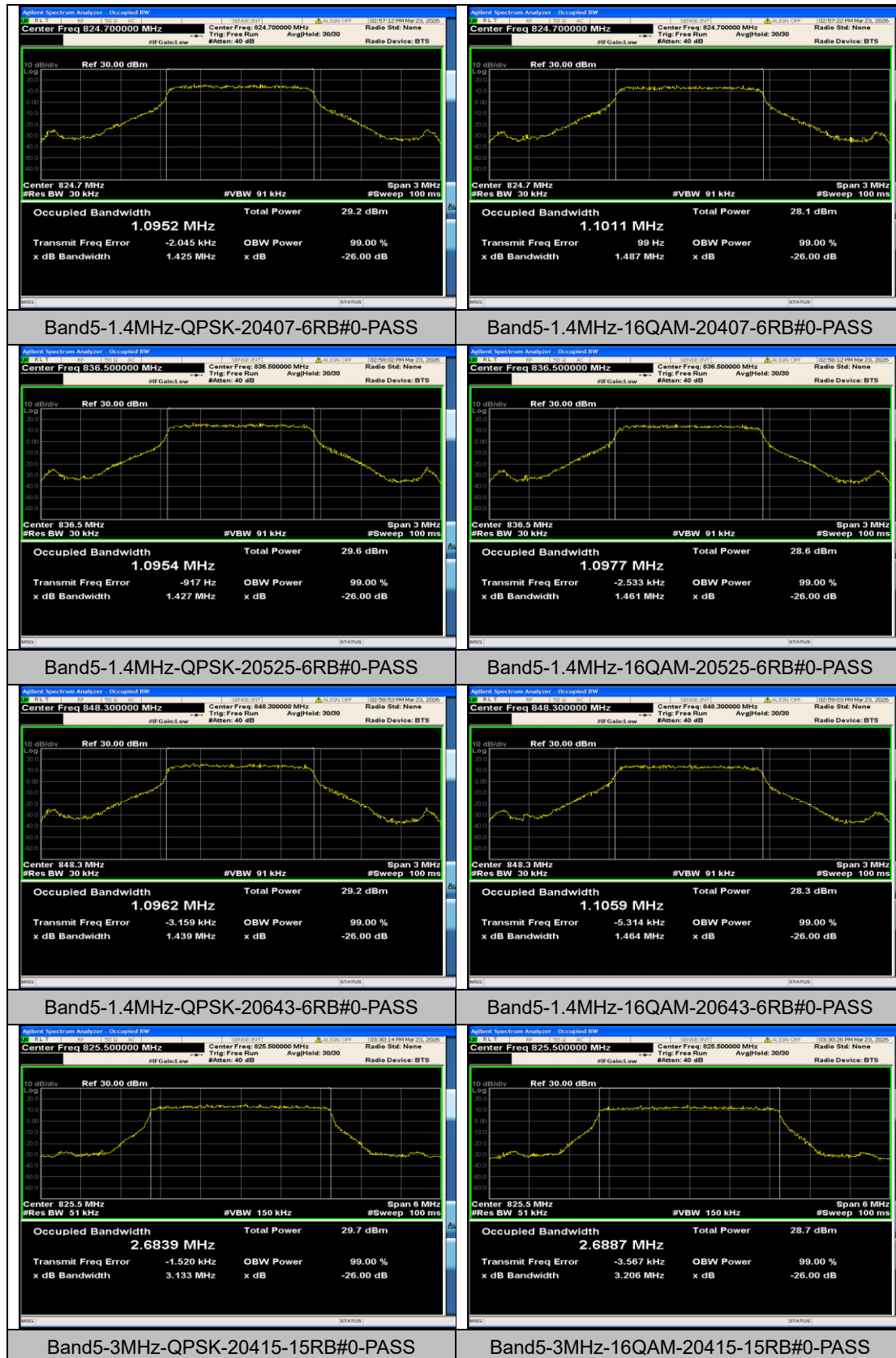


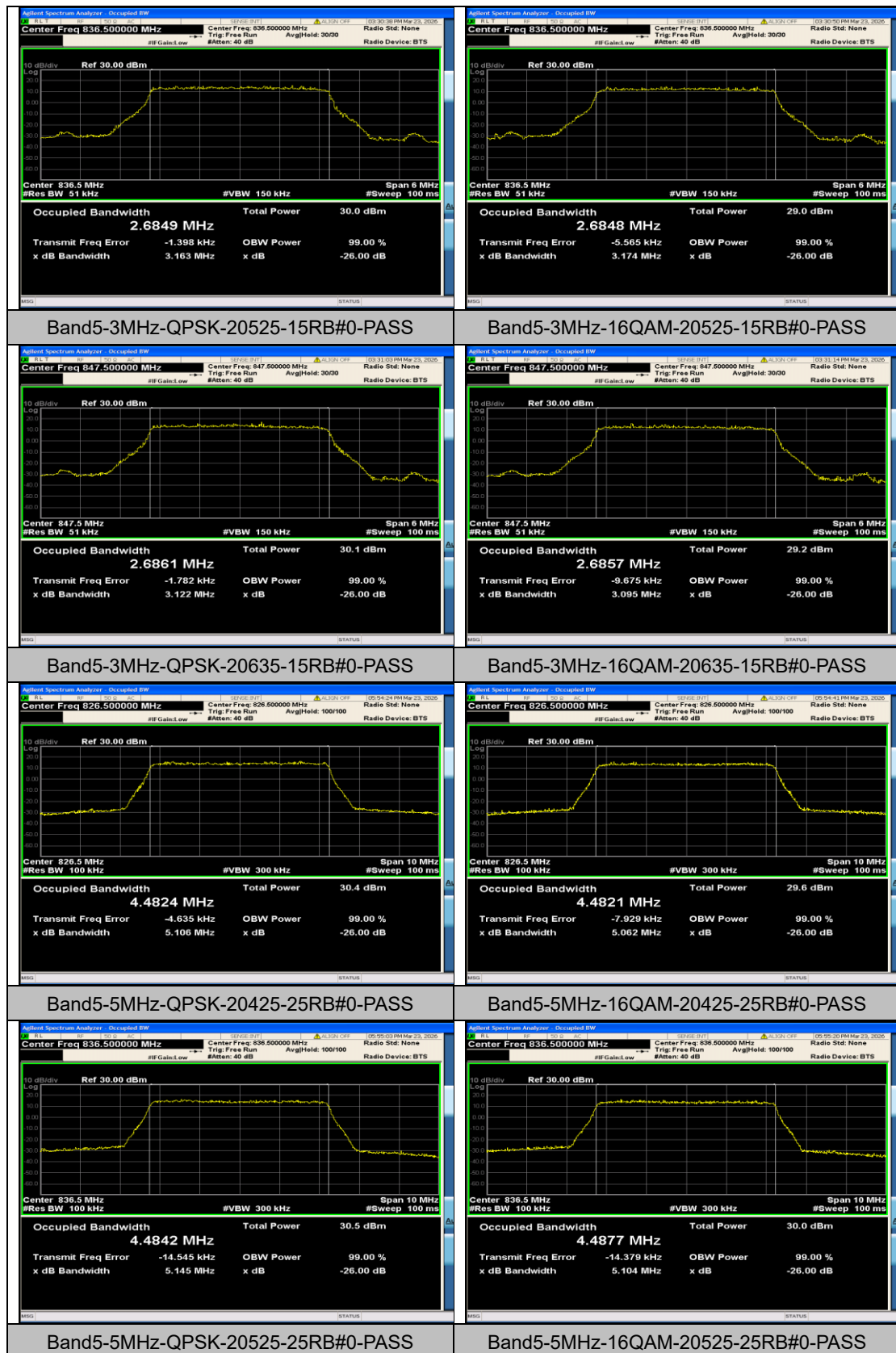
Appendix C: 26dB Bandwidth and Occupied Bandwidth

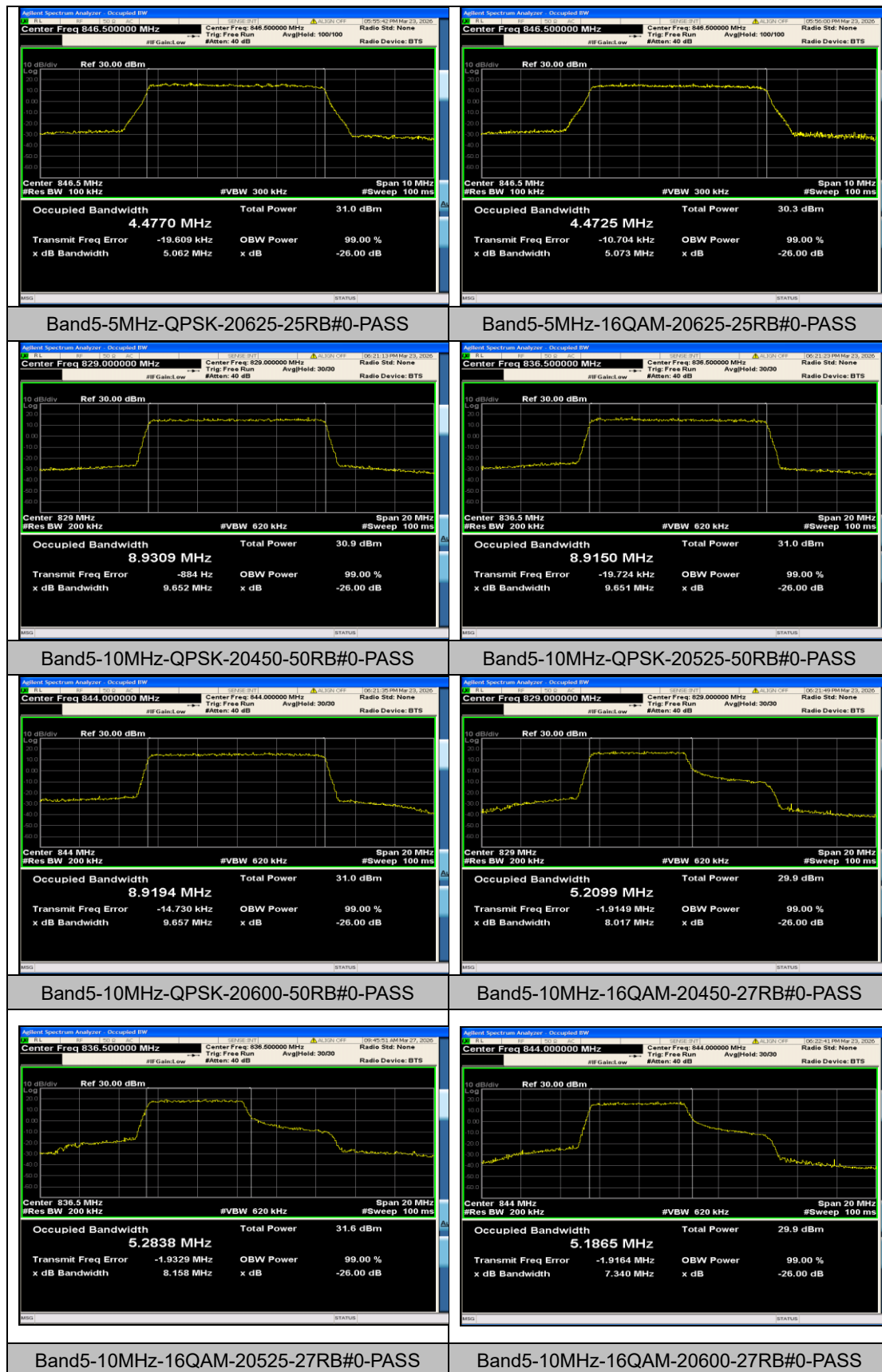
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0952	1.425	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1011	1.487	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0954	1.427	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0977	1.461	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0962	1.439	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1059	1.464	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6839	3.133	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6887	3.206	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6849	3.163	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6848	3.174	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6861	3.122	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6857	3.095	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4824	5.106	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4821	5.062	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4842	5.145	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4877	5.104	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4770	5.062	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4725	5.073	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9309	9.652	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9150	9.651	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9194	9.657	PASS
Band5	10MHz	16QAM	20450	27RB#0	5.2099	8.017	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.2838	8.158	PASS
Band5	10MHz	16QAM	20600	27RB#0	5.1865	7.340	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-24.34	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-19.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-25.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-23.79	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-30.55	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-27.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-25.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-21.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-34.05	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.15	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	-20.22	PASS
Band5	3MHz	16QAM	20415	1RB#0	-21.08	PASS
Band5	3MHz	QPSK	20415	1RB#14	-31.94	PASS
Band5	3MHz	16QAM	20415	1RB#14	-34.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.89	PASS
Band5	3MHz	16QAM	20415	15RB#0	-29.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	-32.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	-32.55	PASS
Band5	3MHz	QPSK	20635	1RB#14	-19.33	PASS
Band5	3MHz	16QAM	20635	1RB#14	-19.96	PASS
Band5	3MHz	QPSK	20635	15RB#0	-30.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.02	PASS
Band5	5MHz	QPSK	20425	1RB#0	-26.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	-29.01	PASS
Band5	5MHz	QPSK	20425	1RB#24	-42.87	PASS
Band5	5MHz	16QAM	20425	1RB#24	-44.00	PASS
Band5	5MHz	QPSK	20425	25RB#0	-34.78	PASS
Band5	5MHz	16QAM	20425	25RB#0	-35.31	PASS
Band5	5MHz	QPSK	20625	1RB#0	-43.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	-44.88	PASS
Band5	5MHz	QPSK	20625	1RB#24	-58.82	PASS
Band5	5MHz	16QAM	20625	1RB#24	-28.29	PASS
Band5	5MHz	QPSK	20625	25RB#0	-37.03	PASS
Band5	5MHz	16QAM	20625	25RB#0	-38.47	PASS

Band5	10MHz	QPSK	20450	1RB#0	-43.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	-44.13	PASS
Band5	10MHz	QPSK	20450	1RB#49	-51.98	PASS
Band5	10MHz	16QAM	20450	1RB#49	-52.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	-53.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	-53.44	PASS
Band5	10MHz	QPSK	20600	1RB#49	-41.81	PASS
Band5	10MHz	16QAM	20600	1RB#49	-44.09	PASS
Band5	10MHz	QPSK	20450	50RB#0	-40.93	PASS
Band5	10MHz	QPSK	20600	50RB#0	-41.01	PASS

Test Graphs

