

FCC Appendix RF Test Data for LTE Band 25

FCC ID : 2BG9Y-MODELXXXPXXX

Company : Hyatta Digital Technology Co., Ltd.

EUT : Portable Data Terminal

Model Number : Model 7

Report No. : CTA26052902010

Reviewed By : Eric Wang

Table of Contents

Appendix A: Conducted output power	3
Test Result	3
Appendix B: Peak-to-Average Ratio(CCDF).....	9
Test Result.....	9
Appendix C: 26dB Bandwidth and Occupied Bandwidth	15
Test Result.....	15
Test Graphs	16
Appendix D: Band Edge	21
Test Result.....	21
Test Graphs	21
Appendix E: Conducted Spurious Emission.....	25
Test Result.....	25
Test Graphs	29
Appendix F: Frequency Stability.....	52
Test Result.....	52
Appendix G: Modulation Characteristics	61
Test Result.....	61
Test Graphs	62

Appendix A: Conducted output power

Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band25	1.4	26047	1	#0	QPSK	23.07	PASS
Band25	1.4	26047	1	#Mid	QPSK	23.17	PASS
Band25	1.4	26047	1	#Max	QPSK	23.06	PASS
Band25	1.4	26047	3	#0	QPSK	23.11	PASS
Band25	1.4	26047	3	#Mid	QPSK	23.13	PASS
Band25	1.4	26047	3	#Max	QPSK	23.08	PASS
Band25	1.4	26047	6	#0	QPSK	22.10	PASS
Band25	1.4	26047	1	#0	16QAM	21.92	PASS
Band25	1.4	26047	1	#Mid	16QAM	22.01	PASS
Band25	1.4	26047	1	#Max	16QAM	21.98	PASS
Band25	1.4	26047	3	#0	16QAM	22.12	PASS
Band25	1.4	26047	3	#Mid	16QAM	22.16	PASS
Band25	1.4	26047	3	#Max	16QAM	22.14	PASS
Band25	1.4	26047	6	#0	16QAM	21.29	PASS
Band25	1.4	26365	1	#0	QPSK	22.96	PASS
Band25	1.4	26365	1	#Mid	QPSK	23.07	PASS
Band25	1.4	26365	1	#Max	QPSK	22.97	PASS
Band25	1.4	26365	3	#0	QPSK	23.09	PASS
Band25	1.4	26365	3	#Mid	QPSK	23.14	PASS
Band25	1.4	26365	3	#Max	QPSK	23.10	PASS
Band25	1.4	26365	6	#0	QPSK	22.19	PASS
Band25	1.4	26365	1	#0	16QAM	22.03	PASS
Band25	1.4	26365	1	#Mid	16QAM	22.15	PASS
Band25	1.4	26365	1	#Max	16QAM	22.03	PASS
Band25	1.4	26365	3	#0	16QAM	22.15	PASS
Band25	1.4	26365	3	#Mid	16QAM	22.18	PASS
Band25	1.4	26365	3	#Max	16QAM	22.11	PASS
Band25	1.4	26365	6	#0	16QAM	21.43	PASS
Band25	1.4	26683	1	#0	QPSK	22.89	PASS
Band25	1.4	26683	1	#Mid	QPSK	23.00	PASS
Band25	1.4	26683	1	#Max	QPSK	22.90	PASS
Band25	1.4	26683	3	#0	QPSK	22.94	PASS
Band25	1.4	26683	3	#Mid	QPSK	22.98	PASS
Band25	1.4	26683	3	#Max	QPSK	22.95	PASS
Band25	1.4	26683	6	#0	QPSK	22.03	PASS
Band25	1.4	26683	1	#0	16QAM	22.14	PASS
Band25	1.4	26683	1	#Mid	16QAM	22.23	PASS
Band25	1.4	26683	1	#Max	16QAM	22.18	PASS
Band25	1.4	26683	3	#0	16QAM	22.07	PASS

Band25	1.4	26683	3	#Mid	16QAM	22.10	PASS
Band25	1.4	26683	3	#Max	16QAM	22.07	PASS
Band25	1.4	26683	6	#0	16QAM	21.10	PASS
Band25	3	26055	1	#0	QPSK	22.87	PASS
Band25	3	26055	1	#Mid	QPSK	22.93	PASS
Band25	3	26055	1	#Max	QPSK	22.90	PASS
Band25	3	26055	8	#0	QPSK	22.08	PASS
Band25	3	26055	8	#Mid	QPSK	22.10	PASS
Band25	3	26055	8	#Max	QPSK	22.06	PASS
Band25	3	26055	15	#0	QPSK	22.06	PASS
Band25	3	26055	1	#0	16QAM	22.05	PASS
Band25	3	26055	1	#Mid	16QAM	22.14	PASS
Band25	3	26055	1	#Max	16QAM	22.12	PASS
Band25	3	26055	8	#0	16QAM	21.13	PASS
Band25	3	26055	8	#Mid	16QAM	21.16	PASS
Band25	3	26055	8	#Max	16QAM	21.11	PASS
Band25	3	26055	15	#0	16QAM	20.99	PASS
Band25	3	26365	1	#0	QPSK	22.82	PASS
Band25	3	26365	1	#Mid	QPSK	22.92	PASS
Band25	3	26365	1	#Max	QPSK	22.85	PASS
Band25	3	26365	8	#0	QPSK	22.08	PASS
Band25	3	26365	8	#Mid	QPSK	22.12	PASS
Band25	3	26365	8	#Max	QPSK	22.10	PASS
Band25	3	26365	15	#0	QPSK	22.07	PASS
Band25	3	26365	1	#0	16QAM	21.91	PASS
Band25	3	26365	1	#Mid	16QAM	21.98	PASS
Band25	3	26365	1	#Max	16QAM	21.94	PASS
Band25	3	26365	8	#0	16QAM	21.13	PASS
Band25	3	26365	8	#Mid	16QAM	21.18	PASS
Band25	3	26365	8	#Max	16QAM	21.17	PASS
Band25	3	26365	15	#0	16QAM	20.96	PASS
Band25	3	26675	1	#0	QPSK	22.74	PASS
Band25	3	26675	1	#Mid	QPSK	22.87	PASS
Band25	3	26675	1	#Max	QPSK	22.78	PASS
Band25	3	26675	8	#0	QPSK	21.93	PASS
Band25	3	26675	8	#Mid	QPSK	21.96	PASS
Band25	3	26675	8	#Max	QPSK	21.91	PASS
Band25	3	26675	15	#0	QPSK	21.95	PASS
Band25	3	26675	1	#0	16QAM	21.97	PASS
Band25	3	26675	1	#Mid	16QAM	22.12	PASS
Band25	3	26675	1	#Max	16QAM	21.99	PASS
Band25	3	26675	8	#0	16QAM	20.83	PASS
Band25	3	26675	8	#Mid	16QAM	20.92	PASS
Band25	3	26675	8	#Max	16QAM	20.86	PASS

Band25	3	26675	15	#0	16QAM	20.97	PASS
Band25	5	26065	1	#0	QPSK	23.11	PASS
Band25	5	26065	1	#Mid	QPSK	23.23	PASS
Band25	5	26065	1	#Max	QPSK	23.15	PASS
Band25	5	26065	12	#0	QPSK	22.15	PASS
Band25	5	26065	12	#Mid	QPSK	22.20	PASS
Band25	5	26065	12	#Max	QPSK	22.14	PASS
Band25	5	26065	25	#0	QPSK	22.15	PASS
Band25	5	26065	1	#0	16QAM	22.48	PASS
Band25	5	26065	1	#Mid	16QAM	22.57	PASS
Band25	5	26065	1	#Max	16QAM	22.48	PASS
Band25	5	26065	12	#0	16QAM	21.12	PASS
Band25	5	26065	12	#Mid	16QAM	21.19	PASS
Band25	5	26065	12	#Max	16QAM	21.11	PASS
Band25	5	26065	25	#0	16QAM	21.19	PASS
Band25	5	26365	1	#0	QPSK	23.10	PASS
Band25	5	26365	1	#Mid	QPSK	23.21	PASS
Band25	5	26365	1	#Max	QPSK	23.16	PASS
Band25	5	26365	12	#0	QPSK	22.21	PASS
Band25	5	26365	12	#Mid	QPSK	22.22	PASS
Band25	5	26365	12	#Max	QPSK	22.17	PASS
Band25	5	26365	25	#0	QPSK	22.14	PASS
Band25	5	26365	1	#0	16QAM	22.30	PASS
Band25	5	26365	1	#Mid	16QAM	22.40	PASS
Band25	5	26365	1	#Max	16QAM	22.33	PASS
Band25	5	26365	12	#0	16QAM	21.25	PASS
Band25	5	26365	12	#Mid	16QAM	21.31	PASS
Band25	5	26365	12	#Max	16QAM	21.25	PASS
Band25	5	26365	25	#0	16QAM	21.14	PASS
Band25	5	26665	1	#0	QPSK	23.04	PASS
Band25	5	26665	1	#Mid	QPSK	23.10	PASS
Band25	5	26665	1	#Max	QPSK	23.05	PASS
Band25	5	26665	12	#0	QPSK	21.99	PASS
Band25	5	26665	12	#Mid	QPSK	22.03	PASS
Band25	5	26665	12	#Max	QPSK	22.04	PASS
Band25	5	26665	25	#0	QPSK	22.02	PASS
Band25	5	26665	1	#0	16QAM	22.06	PASS
Band25	5	26665	1	#Mid	16QAM	22.13	PASS
Band25	5	26665	1	#Max	16QAM	22.09	PASS
Band25	5	26665	12	#0	16QAM	21.09	PASS
Band25	5	26665	12	#Mid	16QAM	21.12	PASS
Band25	5	26665	12	#Max	16QAM	21.07	PASS
Band25	5	26665	25	#0	16QAM	21.01	PASS
Band25	10	26090	1	#0	QPSK	23.17	PASS

Band25	10	26090	1	#Mid	QPSK	23.26	PASS
Band25	10	26090	1	#Max	QPSK	23.19	PASS
Band25	10	26090	25	#0	QPSK	22.20	PASS
Band25	10	26090	25	#Mid	QPSK	22.17	PASS
Band25	10	26090	25	#Max	QPSK	22.17	PASS
Band25	10	26090	50	#0	QPSK	22.23	PASS
Band25	10	26090	1	#0	16QAM	22.39	PASS
Band25	10	26090	1	#Mid	16QAM	22.50	PASS
Band25	10	26090	1	#Max	16QAM	22.44	PASS
Band25	10	26090	25	#0	16QAM	21.30	PASS
Band25	10	26090	25	#Mid	16QAM	21.29	PASS
Band25	10	26090	25	#Max	16QAM	21.26	PASS
Band25	10	26090	50	#0	16QAM	21.20	PASS
Band25	10	26365	1	#0	QPSK	23.19	PASS
Band25	10	26365	1	#Mid	QPSK	23.23	PASS
Band25	10	26365	1	#Max	QPSK	23.18	PASS
Band25	10	26365	25	#0	QPSK	22.18	PASS
Band25	10	26365	25	#Mid	QPSK	22.21	PASS
Band25	10	26365	25	#Max	QPSK	22.12	PASS
Band25	10	26365	50	#0	QPSK	22.21	PASS
Band25	10	26365	1	#0	16QAM	22.25	PASS
Band25	10	26365	1	#Mid	16QAM	22.34	PASS
Band25	10	26365	1	#Max	16QAM	22.27	PASS
Band25	10	26365	25	#0	16QAM	21.23	PASS
Band25	10	26365	25	#Mid	16QAM	21.29	PASS
Band25	10	26365	25	#Max	16QAM	21.17	PASS
Band25	10	26365	50	#0	16QAM	21.24	PASS
Band25	10	26640	1	#0	QPSK	23.06	PASS
Band25	10	26640	1	#Mid	QPSK	23.14	PASS
Band25	10	26640	1	#Max	QPSK	23.12	PASS
Band25	10	26640	25	#0	QPSK	22.05	PASS
Band25	10	26640	25	#Mid	QPSK	22.05	PASS
Band25	10	26640	25	#Max	QPSK	22.00	PASS
Band25	10	26640	50	#0	QPSK	22.01	PASS
Band25	10	26640	1	#0	16QAM	22.31	PASS
Band25	10	26640	1	#Mid	16QAM	22.34	PASS
Band25	10	26640	1	#Max	16QAM	22.33	PASS
Band25	10	26640	25	#0	16QAM	21.10	PASS
Band25	10	26640	25	#Mid	16QAM	21.02	PASS
Band25	10	26640	25	#Max	16QAM	20.98	PASS
Band25	10	26640	50	#0	16QAM	21.03	PASS
Band25	15	26115	1	#0	QPSK	23.13	PASS
Band25	15	26115	1	#Mid	QPSK	23.22	PASS
Band25	15	26115	1	#Max	QPSK	23.16	PASS

Band25	15	26115	36	#0	QPSK	22.19	PASS
Band25	15	26115	36	#Mid	QPSK	22.16	PASS
Band25	15	26115	36	#Max	QPSK	22.19	PASS
Band25	15	26115	75	#0	QPSK	22.24	PASS
Band25	15	26115	1	#0	16QAM	22.34	PASS
Band25	15	26115	1	#Mid	16QAM	22.42	PASS
Band25	15	26115	1	#Max	16QAM	22.36	PASS
Band25	15	26115	36	#0	16QAM	21.17	PASS
Band25	15	26115	36	#Mid	16QAM	21.19	PASS
Band25	15	26115	36	#Max	16QAM	21.20	PASS
Band25	15	26115	75	#0	16QAM	21.22	PASS
Band25	15	26365	1	#0	QPSK	23.14	PASS
Band25	15	26365	1	#Mid	QPSK	23.21	PASS
Band25	15	26365	1	#Max	QPSK	23.12	PASS
Band25	15	26365	36	#0	QPSK	22.25	PASS
Band25	15	26365	36	#Mid	QPSK	22.19	PASS
Band25	15	26365	36	#Max	QPSK	22.12	PASS
Band25	15	26365	75	#0	QPSK	22.23	PASS
Band25	15	26365	1	#0	16QAM	22.20	PASS
Band25	15	26365	1	#Mid	16QAM	22.27	PASS
Band25	15	26365	1	#Max	16QAM	22.17	PASS
Band25	15	26365	36	#0	16QAM	21.24	PASS
Band25	15	26365	36	#Mid	16QAM	21.24	PASS
Band25	15	26365	36	#Max	16QAM	21.18	PASS
Band25	15	26365	75	#0	16QAM	21.21	PASS
Band25	15	26615	1	#0	QPSK	23.06	PASS
Band25	15	26615	1	#Mid	QPSK	23.20	PASS
Band25	15	26615	1	#Max	QPSK	23.10	PASS
Band25	15	26615	36	#0	QPSK	22.04	PASS
Band25	15	26615	36	#Mid	QPSK	22.07	PASS
Band25	15	26615	36	#Max	QPSK	22.05	PASS
Band25	15	26615	75	#0	QPSK	22.10	PASS
Band25	15	26615	1	#0	16QAM	22.03	PASS
Band25	15	26615	1	#Mid	16QAM	22.17	PASS
Band25	15	26615	1	#Max	16QAM	22.05	PASS
Band25	15	26615	36	#0	16QAM	21.06	PASS
Band25	15	26615	36	#Mid	16QAM	21.06	PASS
Band25	15	26615	36	#Max	16QAM	21.01	PASS
Band25	15	26615	75	#0	16QAM	21.09	PASS
Band25	20	26140	1	#0	QPSK	23.03	PASS
Band25	20	26140	1	#Mid	QPSK	23.23	PASS
Band25	20	26140	1	#Max	QPSK	23.10	PASS
Band25	20	26140	50	#0	QPSK	22.19	PASS
Band25	20	26140	50	#Mid	QPSK	22.22	PASS

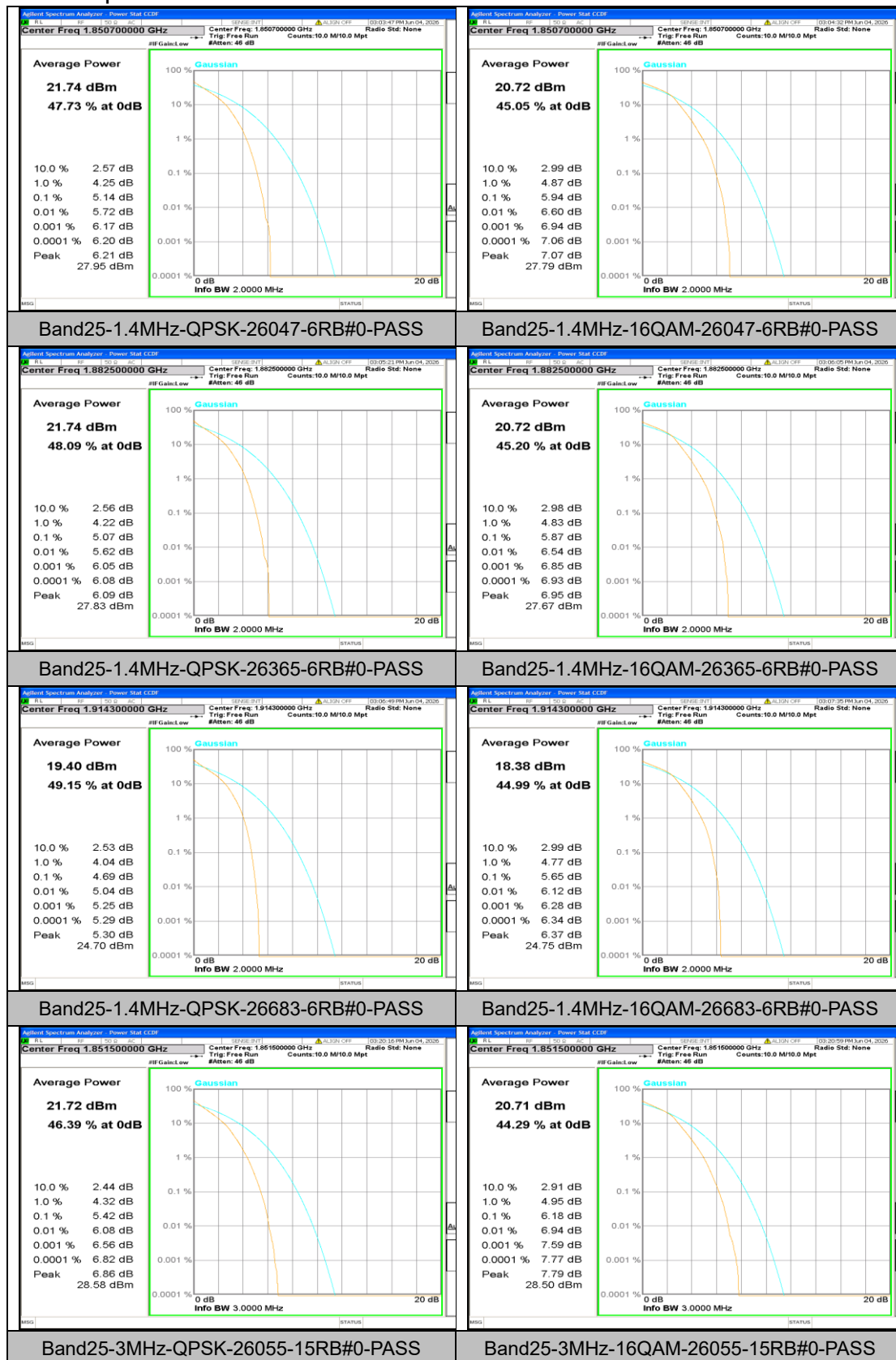
Band25	20	26140	50	#Max	QPSK	22.38	PASS
Band25	20	26140	100	#0	QPSK	22.24	PASS
Band25	20	26140	1	#0	16QAM	22.11	PASS
Band25	20	26140	1	#Mid	16QAM	22.33	PASS
Band25	20	26140	1	#Max	16QAM	22.16	PASS
Band25	20	26140	50	#0	16QAM	21.21	PASS
Band25	20	26140	50	#Mid	16QAM	21.26	PASS
Band25	20	26140	50	#Max	16QAM	21.41	PASS
Band25	20	26140	100	#0	16QAM	21.27	PASS
Band25	20	26365	1	#0	QPSK	23.11	PASS
Band25	20	26365	1	#Mid	QPSK	23.30	PASS
Band25	20	26365	1	#Max	QPSK	23.13	PASS
Band25	20	26365	50	#0	QPSK	22.32	PASS
Band25	20	26365	50	#Mid	QPSK	22.24	PASS
Band25	20	26365	50	#Max	QPSK	22.18	PASS
Band25	20	26365	100	#0	QPSK	22.21	PASS
Band25	20	26365	1	#0	16QAM	22.18	PASS
Band25	20	26365	1	#Mid	16QAM	22.33	PASS
Band25	20	26365	1	#Max	16QAM	22.13	PASS
Band25	20	26365	50	#0	16QAM	21.36	PASS
Band25	20	26365	50	#Mid	16QAM	21.28	PASS
Band25	20	26365	50	#Max	16QAM	21.20	PASS
Band25	20	26365	100	#0	16QAM	21.24	PASS
Band25	20	26590	1	#0	QPSK	22.95	PASS
Band25	20	26590	1	#Mid	QPSK	23.15	PASS
Band25	20	26590	1	#Max	QPSK	23.04	PASS
Band25	20	26590	50	#0	QPSK	22.01	PASS
Band25	20	26590	50	#Mid	QPSK	22.17	PASS
Band25	20	26590	50	#Max	QPSK	21.96	PASS
Band25	20	26590	100	#0	QPSK	21.94	PASS
Band25	20	26590	1	#0	16QAM	22.14	PASS
Band25	20	26590	1	#Mid	16QAM	22.34	PASS
Band25	20	26590	1	#Max	16QAM	22.19	PASS
Band25	20	26590	50	#0	16QAM	21.02	PASS
Band25	20	26590	50	#Mid	16QAM	21.19	PASS
Band25	20	26590	50	#Max	16QAM	20.98	PASS
Band25	20	26590	100	#0	16QAM	20.96	PASS

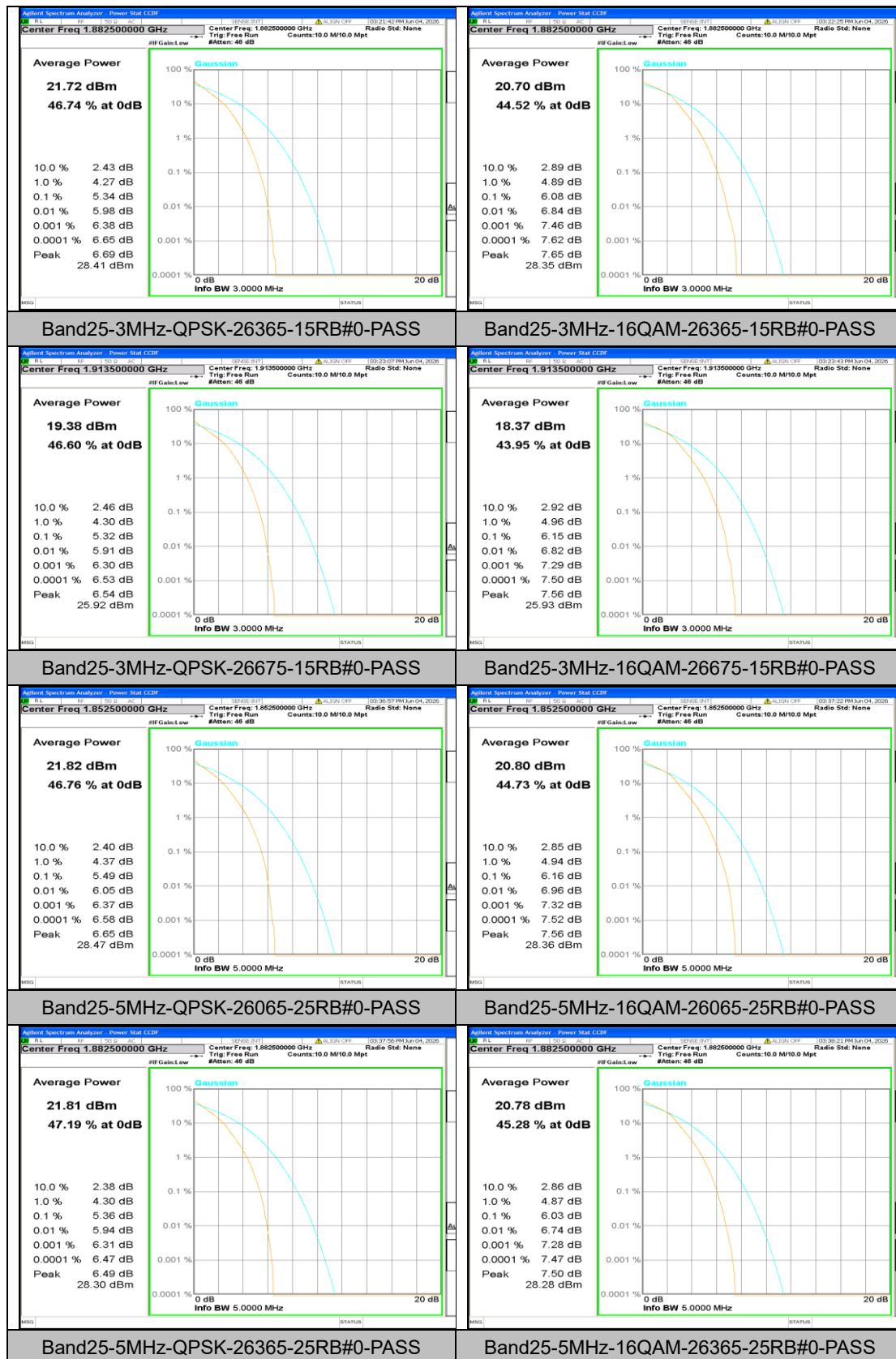
Appendix B: Peak-to-Average Ratio(CCDF)

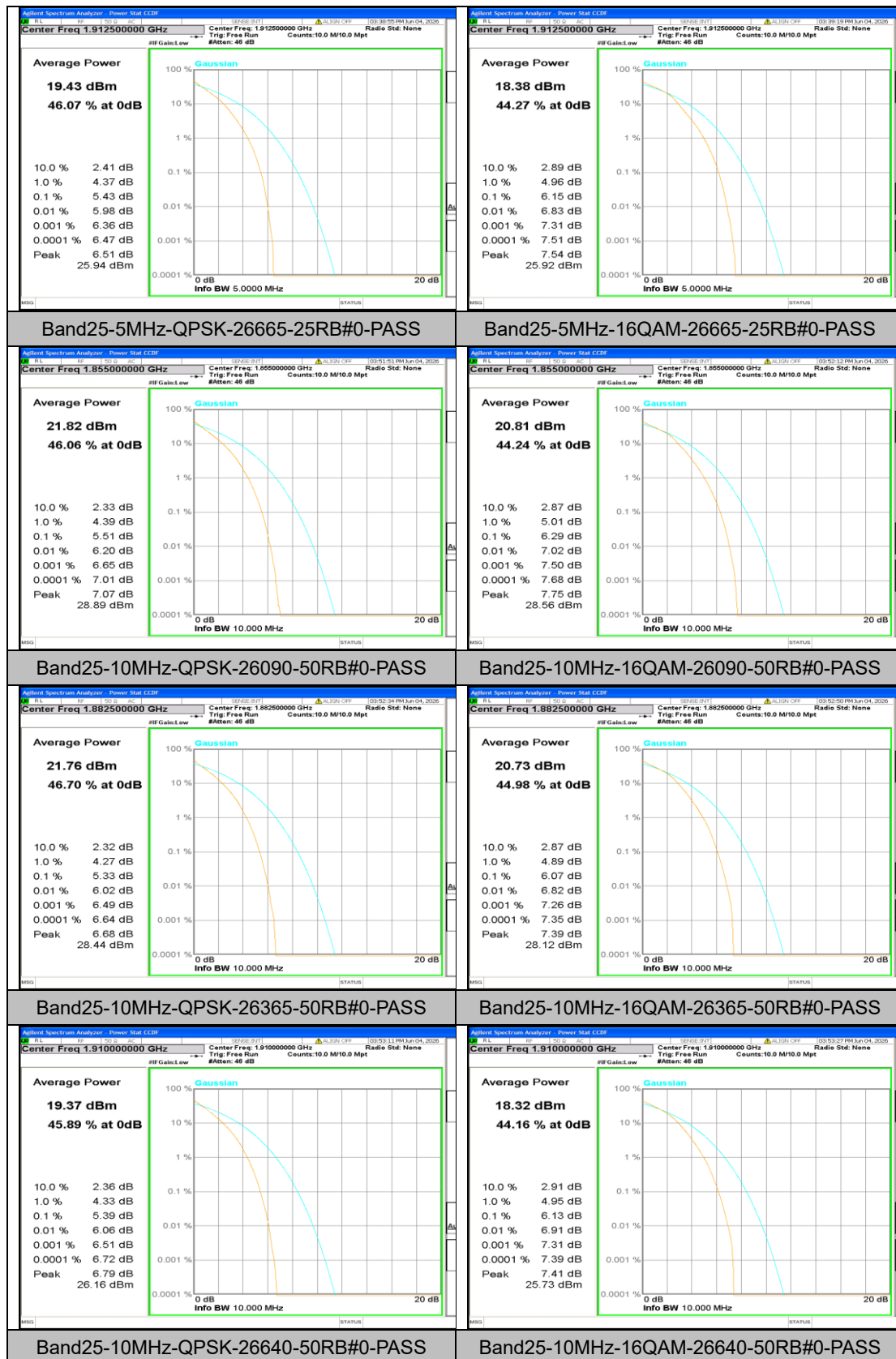
Test Result

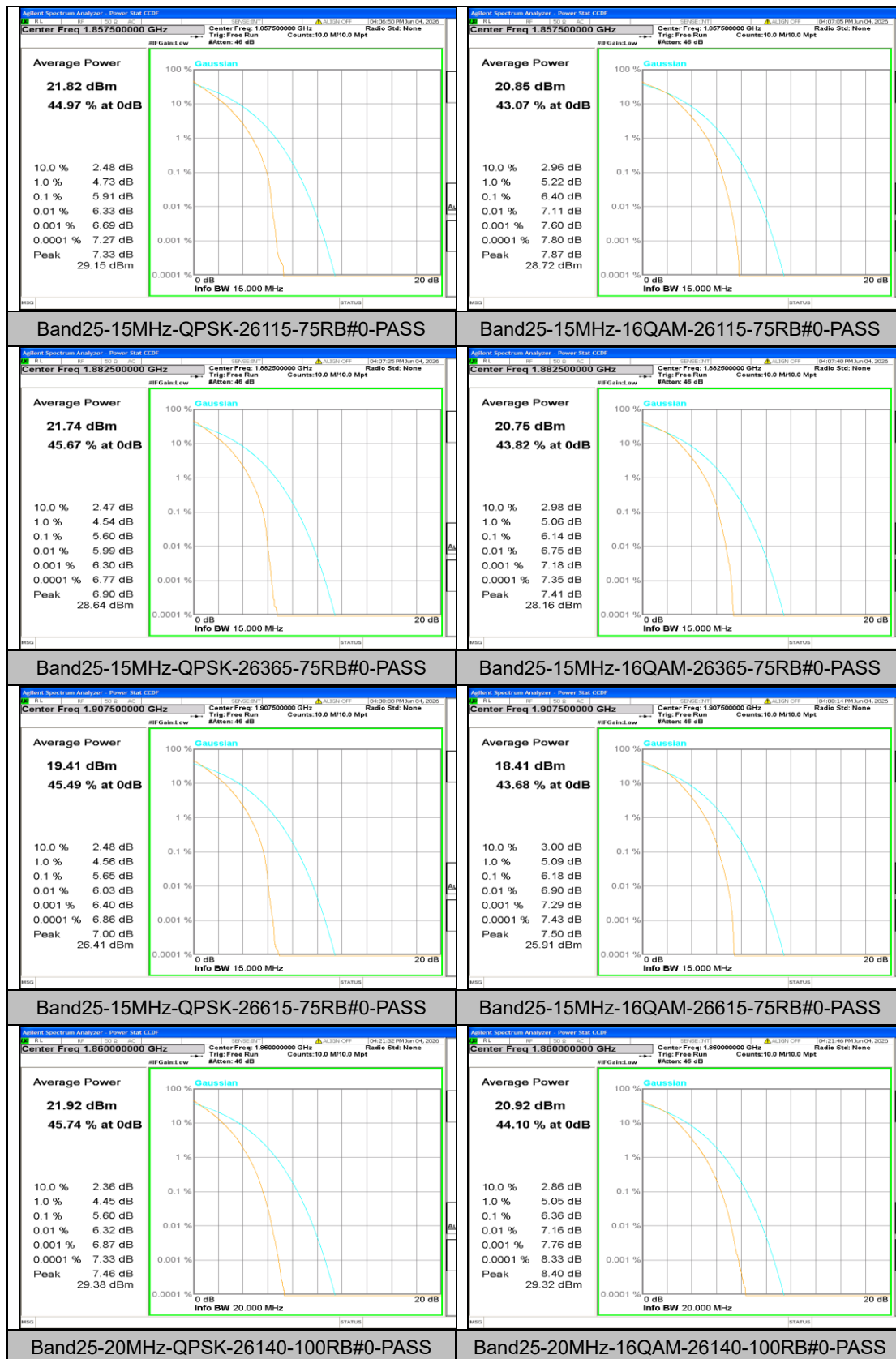
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	5.14	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.94	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.07	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.87	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	4.69	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	5.65	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.42	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	6.18	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.34	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.08	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.32	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.15	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.49	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	6.16	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.36	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.03	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.43	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.15	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.51	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.29	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.33	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.07	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.39	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.13	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.91	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.40	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.60	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.14	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.65	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.18	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.60	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.36	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.29	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.09	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.40	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.21	13	PASS

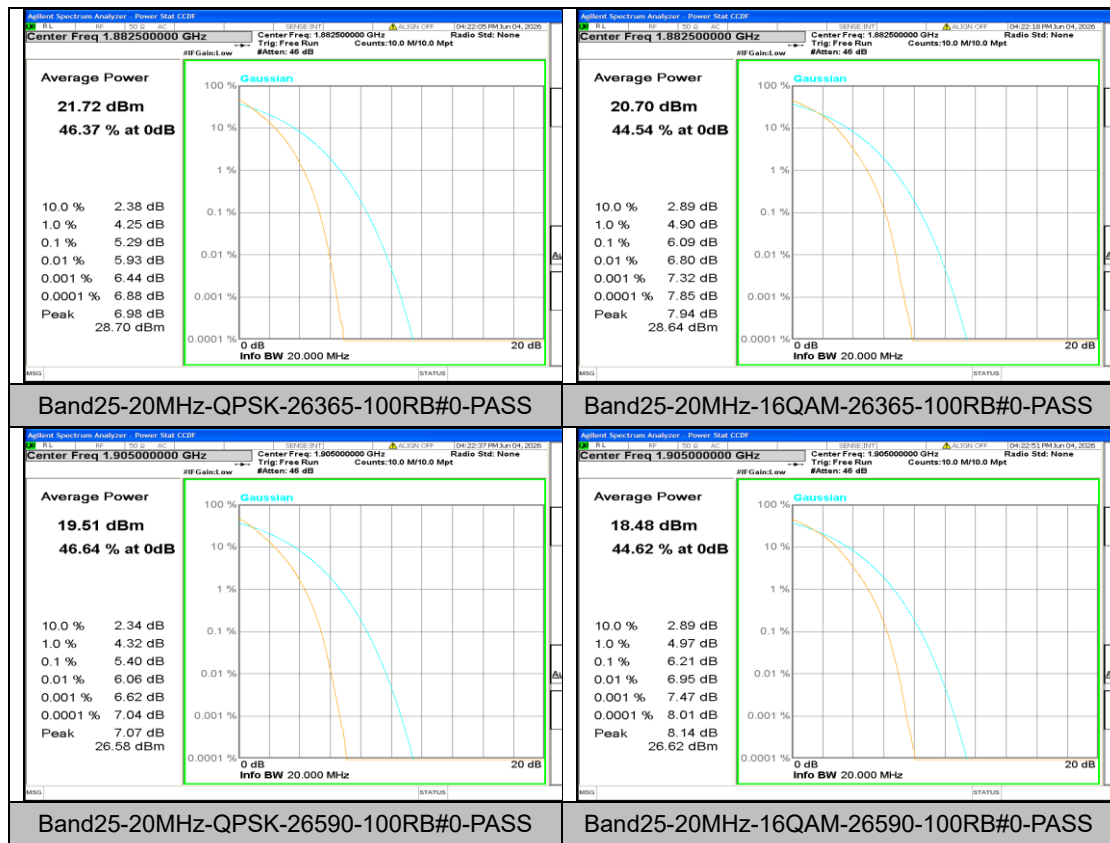
Test Graphs









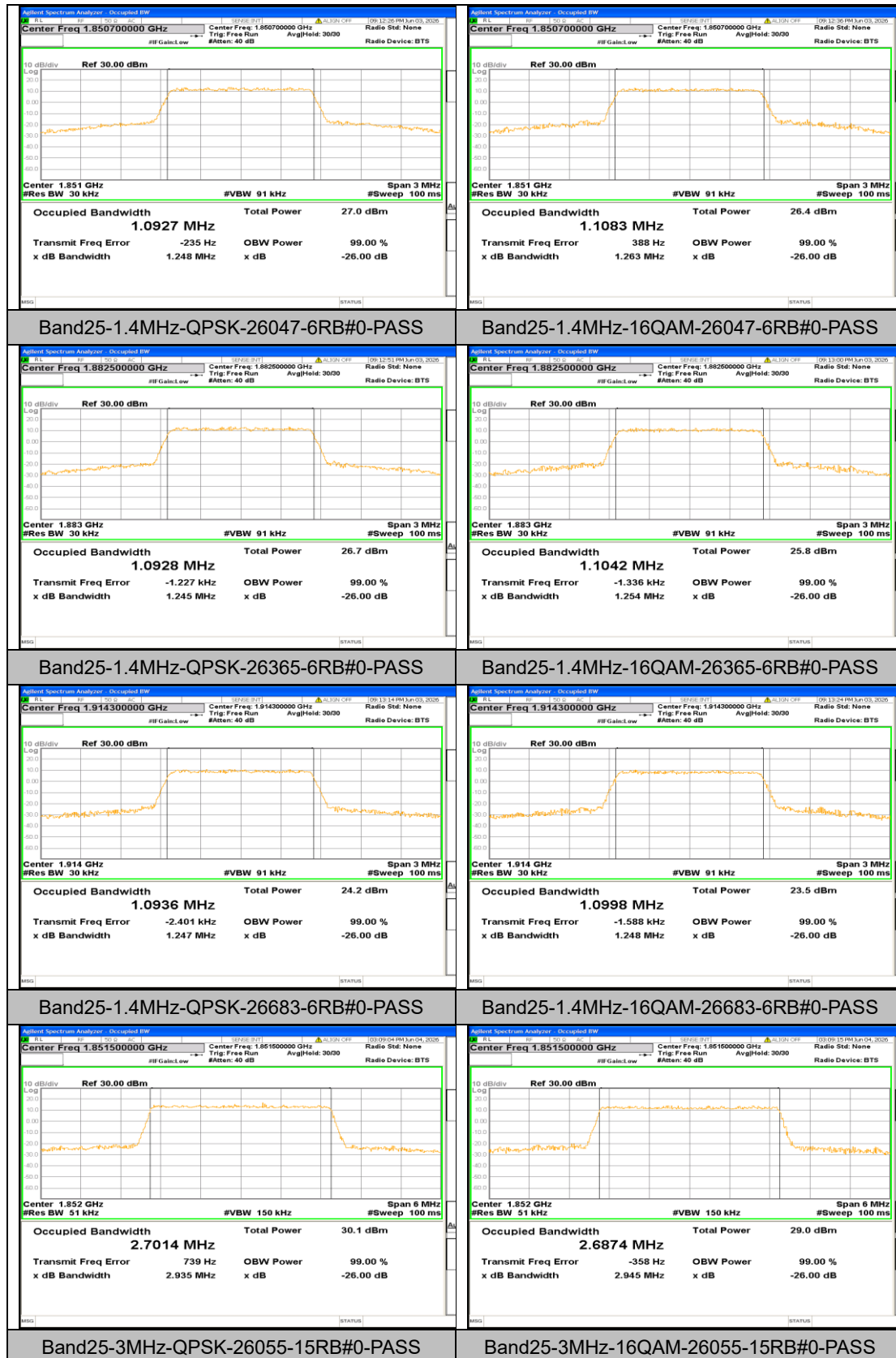


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0927	1.248	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.1083	1.263	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0928	1.245	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.1042	1.254	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0936	1.247	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0998	1.248	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7014	2.935	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6874	2.945	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6973	2.941	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6876	2.928	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6982	2.944	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6926	2.922	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4989	4.967	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5048	5.003	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5046	4.980	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4940	4.947	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5075	4.982	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5061	4.954	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9931	9.821	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9948	9.878	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9795	9.822	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9855	9.761	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9855	9.850	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9969	9.724	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.490	14.79	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.491	14.72	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.456	14.71	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.465	14.61	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.461	14.73	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.429	15.69	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.986	19.53	PASS
Band25	20MHz	16QAM	26140	100RB#0	18.010	19.46	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.911	19.38	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.939	19.43	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.915	19.37	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.926	19.45	PASS

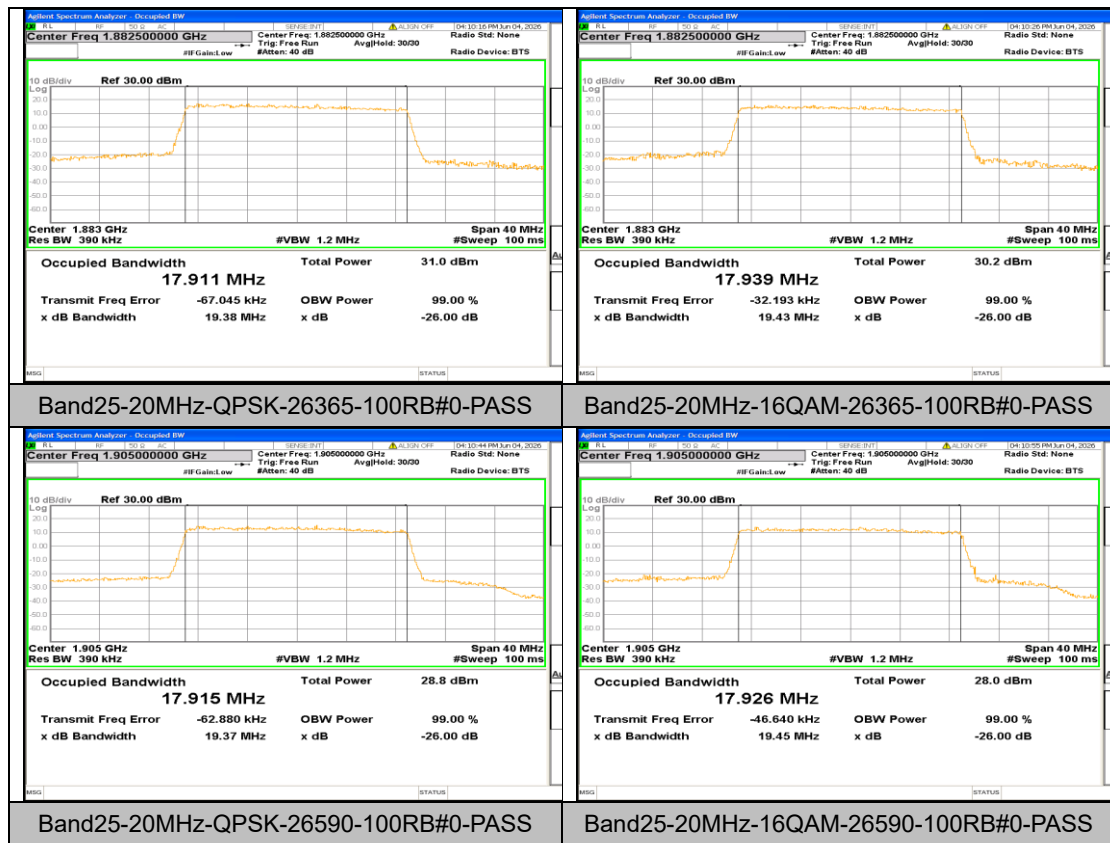
Test Graphs









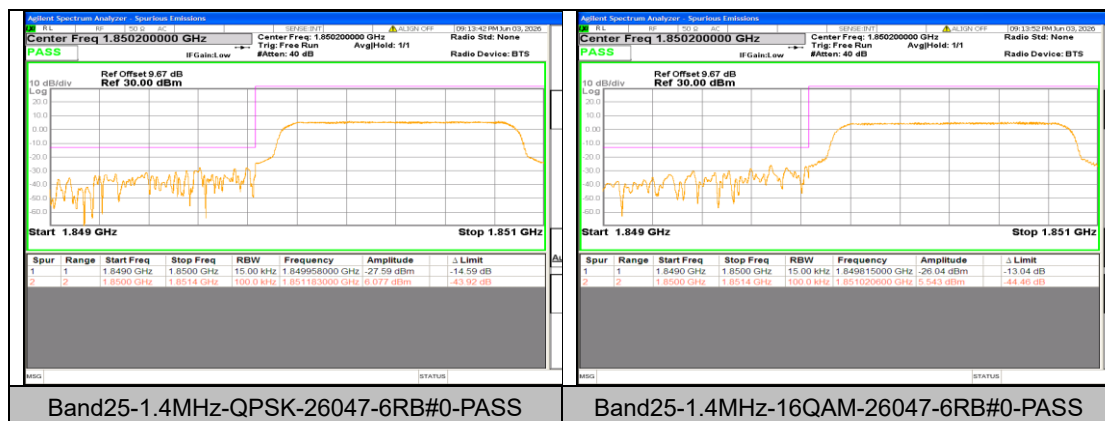


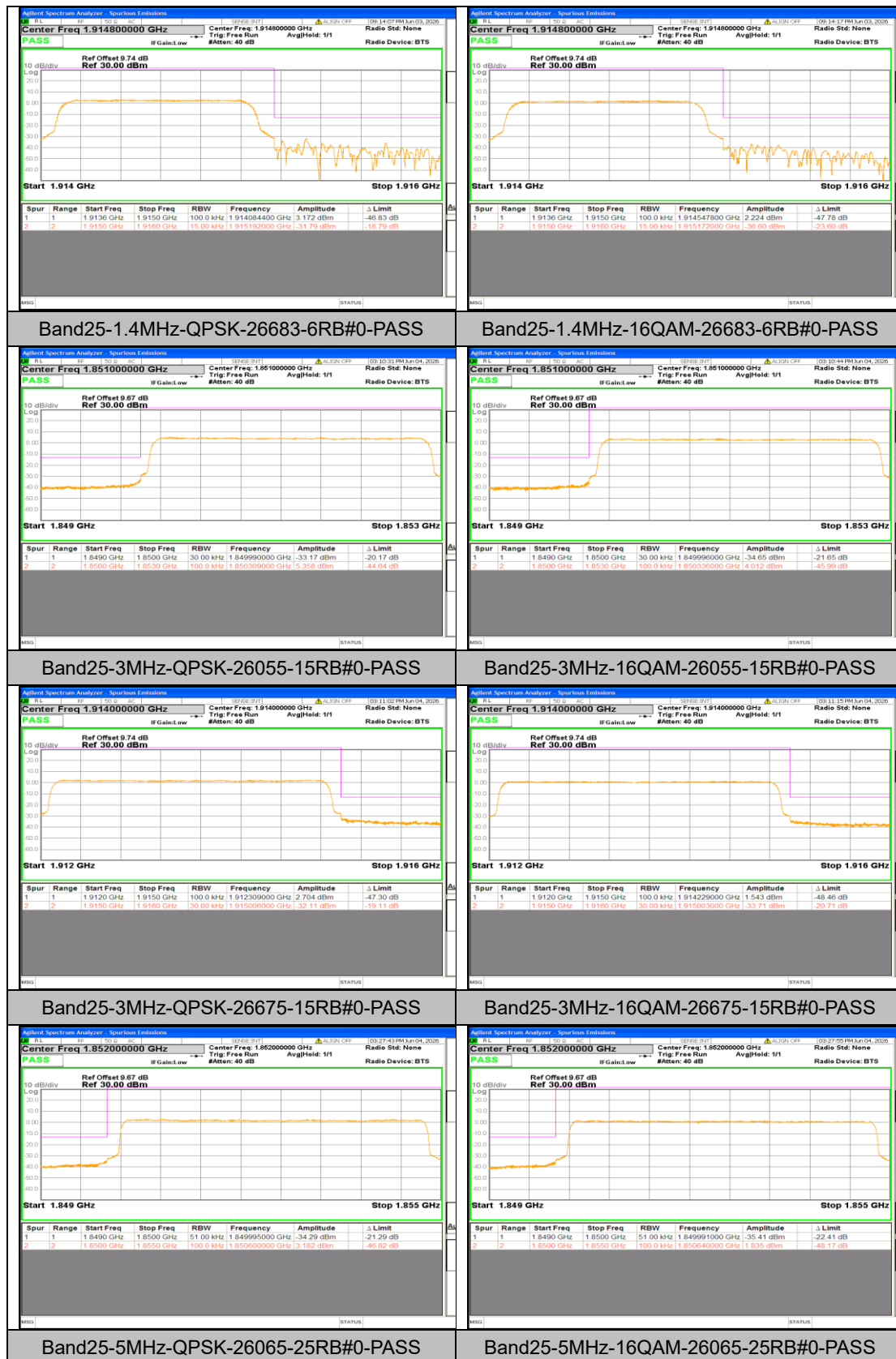
Appendix D: Band Edge

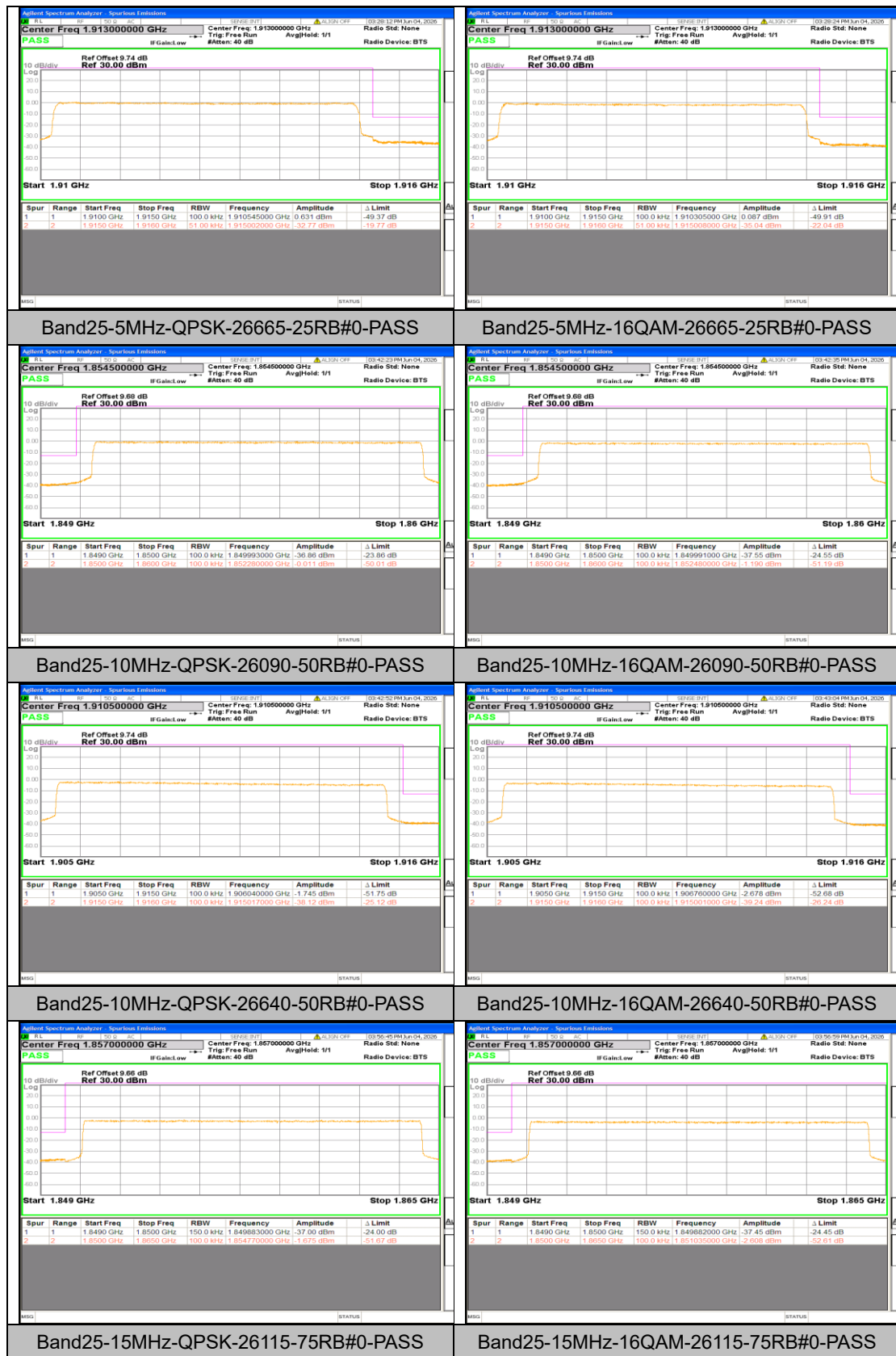
Test Result

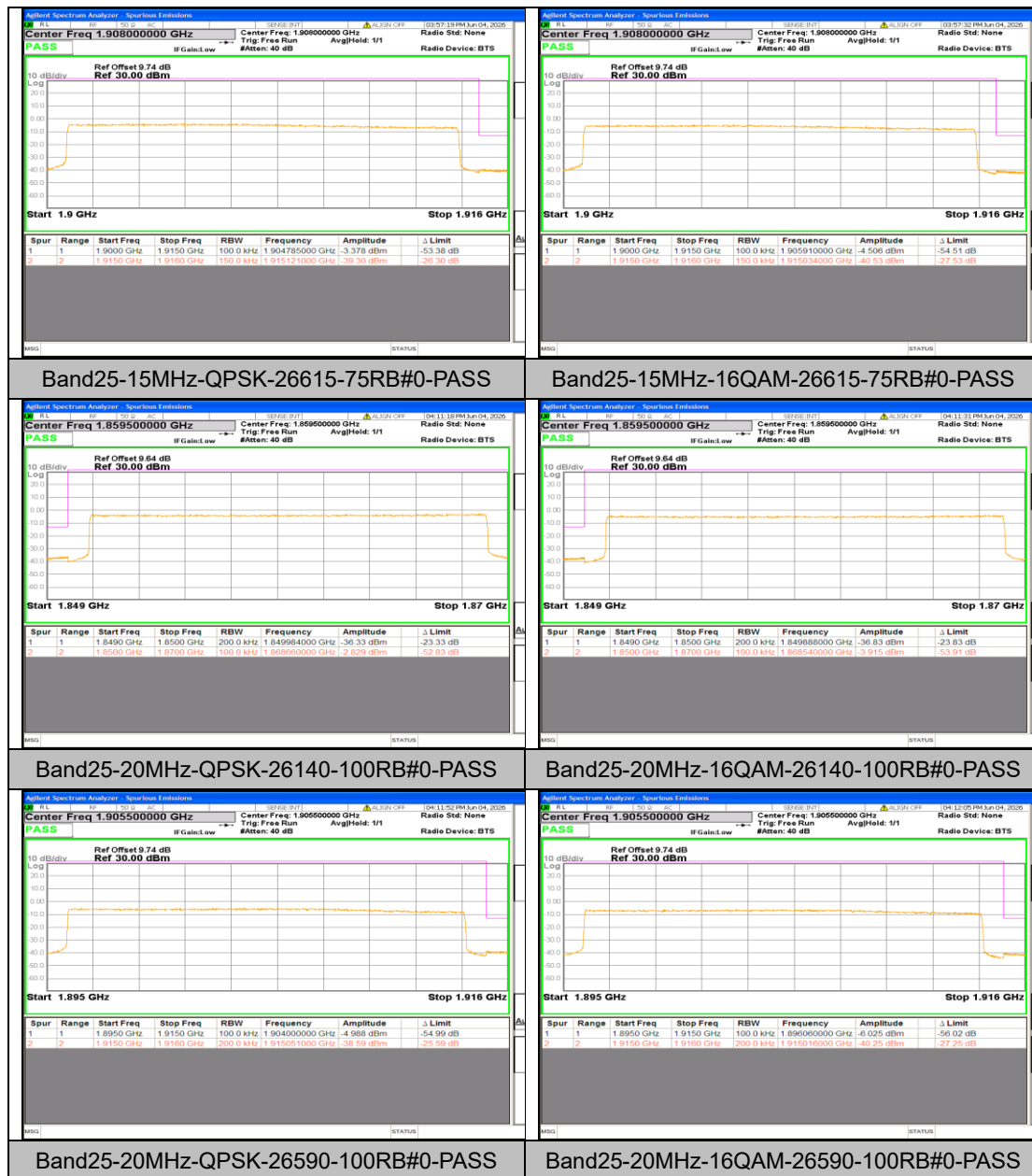
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	-27.59	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-26.04	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-31.79	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-36.60	PASS
Band25	3MHz	QPSK	26055	15RB#0	-33.17	PASS
Band25	3MHz	16QAM	26055	15RB#0	-34.65	PASS
Band25	3MHz	QPSK	26675	15RB#0	-32.11	PASS
Band25	3MHz	16QAM	26675	15RB#0	-33.71	PASS
Band25	5MHz	QPSK	26065	25RB#0	-34.29	PASS
Band25	5MHz	16QAM	26065	25RB#0	-35.41	PASS
Band25	5MHz	QPSK	26665	25RB#0	-32.77	PASS
Band25	5MHz	16QAM	26665	25RB#0	-35.04	PASS
Band25	10MHz	QPSK	26090	50RB#0	-36.86	PASS
Band25	10MHz	16QAM	26090	50RB#0	-37.55	PASS
Band25	10MHz	QPSK	26640	50RB#0	-38.12	PASS
Band25	10MHz	16QAM	26640	50RB#0	-39.24	PASS
Band25	15MHz	QPSK	26115	75RB#0	-37.00	PASS
Band25	15MHz	16QAM	26115	75RB#0	-37.45	PASS
Band25	15MHz	QPSK	26615	75RB#0	-39.30	PASS
Band25	15MHz	16QAM	26615	75RB#0	-40.53	PASS
Band25	20MHz	QPSK	26140	100RB#0	-36.33	PASS
Band25	20MHz	16QAM	26140	100RB#0	-36.83	PASS
Band25	20MHz	QPSK	26590	100RB#0	-38.59	PASS
Band25	20MHz	16QAM	26590	100RB#0	-40.25	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	0.009~0.15	-58.30	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	0.15~30	-51.67	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	30~1000	-57.97	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	1000~3000	-26.28	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	3000~20000	-38.14	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	0.009~0.15	-58.72	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	0.15~30	-52.11	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	30~1000	-57.70	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1000~3000	-27.05	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	3000~20000	-38.15	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	0.009~0.15	-59.23	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	0.15~30	-52.38	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	30~1000	-58.07	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1000~3000	-47.99	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	3000~20000	-37.94	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	0.009~0.15	-58.92	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	0.15~30	-49.98	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	30~1000	-58.08	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1000~3000	-47.97	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	3000~20000	-37.68	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	0.009~0.15	-59.18	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	0.15~30	-49.86	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	30~1000	-57.44	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1000~3000	-28.00	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	3000~20000	-37.76	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	0.009~0.15	-58.81	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	0.15~30	-50.74	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	30~1000	-57.22	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1000~3000	-28.27	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	3000~20000	-37.85	PASS
Band25	3MHz	QPSK	26055	15RB#0	0.009~0.15	-59.02	PASS
Band25	3MHz	QPSK	26055	15RB#0	0.15~30	-52.62	PASS
Band25	3MHz	QPSK	26055	15RB#0	30~1000	-58.16	PASS
Band25	3MHz	QPSK	26055	15RB#0	1000~3000	-22.25	PASS
Band25	3MHz	QPSK	26055	15RB#0	3000~20000	-37.62	PASS
Band25	3MHz	16QAM	26055	15RB#0	0.009~0.15	-59.98	PASS

Band25	3MHz	16QAM	26055	15RB#0	0.15~30	-51.30	PASS
Band25	3MHz	16QAM	26055	15RB#0	30~1000	-57.90	PASS
Band25	3MHz	16QAM	26055	15RB#0	1000~3000	-24.41	PASS
Band25	3MHz	16QAM	26055	15RB#0	3000~20000	-38.15	PASS
Band25	3MHz	QPSK	26365	15RB#0	0.009~0.15	-59.19	PASS
Band25	3MHz	QPSK	26365	15RB#0	0.15~30	-52.53	PASS
Band25	3MHz	QPSK	26365	15RB#0	30~1000	-58.20	PASS
Band25	3MHz	QPSK	26365	15RB#0	1000~3000	-47.68	PASS
Band25	3MHz	QPSK	26365	15RB#0	3000~20000	-38.19	PASS
Band25	3MHz	16QAM	26365	15RB#0	0.009~0.15	-58.68	PASS
Band25	3MHz	16QAM	26365	15RB#0	0.15~30	-51.29	PASS
Band25	3MHz	16QAM	26365	15RB#0	30~1000	-58.12	PASS
Band25	3MHz	16QAM	26365	15RB#0	1000~3000	-47.96	PASS
Band25	3MHz	16QAM	26365	15RB#0	3000~20000	-38.27	PASS
Band25	3MHz	QPSK	26675	15RB#0	0.009~0.15	-58.84	PASS
Band25	3MHz	QPSK	26675	15RB#0	0.15~30	-52.69	PASS
Band25	3MHz	QPSK	26675	15RB#0	30~1000	-58.21	PASS
Band25	3MHz	QPSK	26675	15RB#0	1000~3000	-20.75	PASS
Band25	3MHz	QPSK	26675	15RB#0	3000~20000	-38.06	PASS
Band25	3MHz	16QAM	26675	15RB#0	0.009~0.15	-58.98	PASS
Band25	3MHz	16QAM	26675	15RB#0	0.15~30	-51.41	PASS
Band25	3MHz	16QAM	26675	15RB#0	30~1000	-58.09	PASS
Band25	3MHz	16QAM	26675	15RB#0	1000~3000	-22.91	PASS
Band25	3MHz	16QAM	26675	15RB#0	3000~20000	-38.10	PASS
Band25	5MHz	QPSK	26065	25RB#0	0.009~0.15	-58.61	PASS
Band25	5MHz	QPSK	26065	25RB#0	0.15~30	-51.50	PASS
Band25	5MHz	QPSK	26065	25RB#0	30~1000	-57.85	PASS
Band25	5MHz	QPSK	26065	25RB#0	1000~3000	-23.28	PASS
Band25	5MHz	QPSK	26065	25RB#0	3000~20000	-37.83	PASS
Band25	5MHz	16QAM	26065	25RB#0	0.009~0.15	-58.89	PASS
Band25	5MHz	16QAM	26065	25RB#0	0.15~30	-51.66	PASS
Band25	5MHz	16QAM	26065	25RB#0	30~1000	-57.82	PASS
Band25	5MHz	16QAM	26065	25RB#0	1000~3000	-25.66	PASS
Band25	5MHz	16QAM	26065	25RB#0	3000~20000	-38.24	PASS
Band25	5MHz	QPSK	26365	25RB#0	0.009~0.15	-58.66	PASS
Band25	5MHz	QPSK	26365	25RB#0	0.15~30	-51.01	PASS
Band25	5MHz	QPSK	26365	25RB#0	30~1000	-58.06	PASS
Band25	5MHz	QPSK	26365	25RB#0	1000~3000	-47.75	PASS
Band25	5MHz	QPSK	26365	25RB#0	3000~20000	-38.12	PASS
Band25	5MHz	16QAM	26365	25RB#0	0.009~0.15	-60.11	PASS
Band25	5MHz	16QAM	26365	25RB#0	0.15~30	-52.93	PASS
Band25	5MHz	16QAM	26365	25RB#0	30~1000	-58.31	PASS
Band25	5MHz	16QAM	26365	25RB#0	1000~3000	-47.76	PASS