

FCC Appendix RF Test Data for LTE Band 2

FCC ID : 2BG9Y-MODELXXXPXXX

Company : Hyatta Digital Technology Co., Ltd.

EUT : Portable Data Terminal

Model Number : Model 7

Report No. : CTA26052902003

Reviewed By : Eric Wang

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Appendix A: Conducted output power

Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	23.04	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.10	PASS
Band2	1.4	18607	1	#Max	QPSK	23.04	PASS
Band2	1.4	18607	3	#0	QPSK	23.05	PASS
Band2	1.4	18607	3	#Mid	QPSK	23.10	PASS
Band2	1.4	18607	3	#Max	QPSK	23.07	PASS
Band2	1.4	18607	6	#0	QPSK	22.14	PASS
Band2	1.4	18607	1	#0	16QAM	21.88	PASS
Band2	1.4	18607	1	#Mid	16QAM	21.94	PASS
Band2	1.4	18607	1	#Max	16QAM	21.90	PASS
Band2	1.4	18607	3	#0	16QAM	22.10	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.13	PASS
Band2	1.4	18607	3	#Max	16QAM	22.10	PASS
Band2	1.4	18607	6	#0	16QAM	21.23	PASS
Band2	1.4	18900	1	#0	QPSK	23.00	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.12	PASS
Band2	1.4	18900	1	#Max	QPSK	22.95	PASS
Band2	1.4	18900	3	#0	QPSK	23.12	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.08	PASS
Band2	1.4	18900	3	#Max	QPSK	23.05	PASS
Band2	1.4	18900	6	#0	QPSK	22.15	PASS
Band2	1.4	18900	1	#0	16QAM	21.97	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.11	PASS
Band2	1.4	18900	1	#Max	16QAM	21.73	PASS
Band2	1.4	18900	3	#0	16QAM	21.70	PASS
Band2	1.4	18900	3	#Mid	16QAM	21.82	PASS
Band2	1.4	18900	3	#Max	16QAM	21.74	PASS
Band2	1.4	18900	6	#0	16QAM	21.35	PASS
Band2	1.4	19193	1	#0	QPSK	22.96	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.94	PASS
Band2	1.4	19193	1	#Max	QPSK	22.87	PASS
Band2	1.4	19193	3	#0	QPSK	22.82	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.95	PASS
Band2	1.4	19193	3	#Max	QPSK	22.86	PASS
Band2	1.4	19193	6	#0	QPSK	21.81	PASS
Band2	1.4	19193	1	#0	16QAM	21.99	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.98	PASS
Band2	1.4	19193	1	#Max	16QAM	22.08	PASS
Band2	1.4	19193	3	#0	16QAM	21.71	PASS

Band2	1.4	19193	3	#Mid	16QAM	21.93	PASS
Band2	1.4	19193	3	#Max	16QAM	21.79	PASS
Band2	1.4	19193	6	#0	16QAM	20.96	PASS
Band2	3	18615	1	#0	QPSK	22.81	PASS
Band2	3	18615	1	#Mid	QPSK	22.91	PASS
Band2	3	18615	1	#Max	QPSK	22.87	PASS
Band2	3	18615	8	#0	QPSK	22.03	PASS
Band2	3	18615	8	#Mid	QPSK	22.07	PASS
Band2	3	18615	8	#Max	QPSK	22.04	PASS
Band2	3	18615	15	#0	QPSK	22.06	PASS
Band2	3	18615	1	#0	16QAM	21.98	PASS
Band2	3	18615	1	#Mid	16QAM	22.00	PASS
Band2	3	18615	1	#Max	16QAM	22.04	PASS
Band2	3	18615	8	#0	16QAM	21.06	PASS
Band2	3	18615	8	#Mid	16QAM	21.03	PASS
Band2	3	18615	8	#Max	16QAM	20.99	PASS
Band2	3	18615	15	#0	16QAM	20.85	PASS
Band2	3	18900	1	#0	QPSK	22.81	PASS
Band2	3	18900	1	#Mid	QPSK	22.78	PASS
Band2	3	18900	1	#Max	QPSK	22.85	PASS
Band2	3	18900	8	#0	QPSK	22.09	PASS
Band2	3	18900	8	#Mid	QPSK	22.05	PASS
Band2	3	18900	8	#Max	QPSK	22.06	PASS
Band2	3	18900	15	#0	QPSK	22.11	PASS
Band2	3	18900	1	#0	16QAM	21.79	PASS
Band2	3	18900	1	#Mid	16QAM	22.03	PASS
Band2	3	18900	1	#Max	16QAM	21.91	PASS
Band2	3	18900	8	#0	16QAM	21.15	PASS
Band2	3	18900	8	#Mid	16QAM	21.24	PASS
Band2	3	18900	8	#Max	16QAM	21.17	PASS
Band2	3	18900	15	#0	16QAM	21.00	PASS
Band2	3	19185	1	#0	QPSK	22.76	PASS
Band2	3	19185	1	#Mid	QPSK	22.97	PASS
Band2	3	19185	1	#Max	QPSK	22.90	PASS
Band2	3	19185	8	#0	QPSK	21.91	PASS
Band2	3	19185	8	#Mid	QPSK	22.03	PASS
Band2	3	19185	8	#Max	QPSK	21.92	PASS
Band2	3	19185	15	#0	QPSK	21.99	PASS
Band2	3	19185	1	#0	16QAM	21.96	PASS
Band2	3	19185	1	#Mid	16QAM	22.12	PASS
Band2	3	19185	1	#Max	16QAM	21.84	PASS
Band2	3	19185	8	#0	16QAM	20.93	PASS
Band2	3	19185	8	#Mid	16QAM	20.93	PASS
Band2	3	19185	8	#Max	16QAM	20.76	PASS

Band2	3	19185	15	#0	16QAM	20.97	PASS
Band2	5	18625	1	#0	QPSK	23.06	PASS
Band2	5	18625	1	#Mid	QPSK	23.14	PASS
Band2	5	18625	1	#Max	QPSK	23.11	PASS
Band2	5	18625	12	#0	QPSK	22.16	PASS
Band2	5	18625	12	#Mid	QPSK	22.17	PASS
Band2	5	18625	12	#Max	QPSK	22.08	PASS
Band2	5	18625	25	#0	QPSK	22.12	PASS
Band2	5	18625	1	#0	16QAM	22.26	PASS
Band2	5	18625	1	#Mid	16QAM	22.33	PASS
Band2	5	18625	1	#Max	16QAM	22.25	PASS
Band2	5	18625	12	#0	16QAM	21.18	PASS
Band2	5	18625	12	#Mid	16QAM	21.22	PASS
Band2	5	18625	12	#Max	16QAM	21.15	PASS
Band2	5	18625	25	#0	16QAM	21.11	PASS
Band2	5	18900	1	#0	QPSK	23.21	PASS
Band2	5	18900	1	#Mid	QPSK	23.26	PASS
Band2	5	18900	1	#Max	QPSK	23.26	PASS
Band2	5	18900	12	#0	QPSK	22.13	PASS
Band2	5	18900	12	#Mid	QPSK	22.18	PASS
Band2	5	18900	12	#Max	QPSK	22.17	PASS
Band2	5	18900	25	#0	QPSK	22.16	PASS
Band2	5	18900	1	#0	16QAM	22.29	PASS
Band2	5	18900	1	#Mid	16QAM	22.37	PASS
Band2	5	18900	1	#Max	16QAM	22.30	PASS
Band2	5	18900	12	#0	16QAM	21.29	PASS
Band2	5	18900	12	#Mid	16QAM	21.33	PASS
Band2	5	18900	12	#Max	16QAM	21.26	PASS
Band2	5	18900	25	#0	16QAM	21.22	PASS
Band2	5	19175	1	#0	QPSK	22.98	PASS
Band2	5	19175	1	#Mid	QPSK	23.13	PASS
Band2	5	19175	1	#Max	QPSK	23.05	PASS
Band2	5	19175	12	#0	QPSK	22.10	PASS
Band2	5	19175	12	#Mid	QPSK	22.12	PASS
Band2	5	19175	12	#Max	QPSK	22.02	PASS
Band2	5	19175	25	#0	QPSK	22.08	PASS
Band2	5	19175	1	#0	16QAM	22.15	PASS
Band2	5	19175	1	#Mid	16QAM	22.28	PASS
Band2	5	19175	1	#Max	16QAM	22.17	PASS
Band2	5	19175	12	#0	16QAM	21.15	PASS
Band2	5	19175	12	#Mid	16QAM	21.17	PASS
Band2	5	19175	12	#Max	16QAM	21.09	PASS
Band2	5	19175	25	#0	16QAM	21.02	PASS
Band2	10	18650	1	#0	QPSK	23.16	PASS

Band2	10	18650	1	#Mid	QPSK	23.22	PASS
Band2	10	18650	1	#Max	QPSK	23.20	PASS
Band2	10	18650	25	#0	QPSK	22.12	PASS
Band2	10	18650	25	#Mid	QPSK	22.11	PASS
Band2	10	18650	25	#Max	QPSK	22.08	PASS
Band2	10	18650	50	#0	QPSK	22.13	PASS
Band2	10	18650	1	#0	16QAM	22.41	PASS
Band2	10	18650	1	#Mid	16QAM	22.48	PASS
Band2	10	18650	1	#Max	16QAM	22.48	PASS
Band2	10	18650	25	#0	16QAM	21.13	PASS
Band2	10	18650	25	#Mid	16QAM	21.11	PASS
Band2	10	18650	25	#Max	16QAM	21.05	PASS
Band2	10	18650	50	#0	16QAM	21.14	PASS
Band2	10	18900	1	#0	QPSK	23.18	PASS
Band2	10	18900	1	#Mid	QPSK	23.25	PASS
Band2	10	18900	1	#Max	QPSK	23.21	PASS
Band2	10	18900	25	#0	QPSK	22.18	PASS
Band2	10	18900	25	#Mid	QPSK	22.19	PASS
Band2	10	18900	25	#Max	QPSK	22.10	PASS
Band2	10	18900	50	#0	QPSK	22.18	PASS
Band2	10	18900	1	#0	16QAM	22.36	PASS
Band2	10	18900	1	#Mid	16QAM	22.49	PASS
Band2	10	18900	1	#Max	16QAM	22.41	PASS
Band2	10	18900	25	#0	16QAM	21.27	PASS
Band2	10	18900	25	#Mid	16QAM	21.28	PASS
Band2	10	18900	25	#Max	16QAM	21.20	PASS
Band2	10	18900	50	#0	16QAM	21.16	PASS
Band2	10	19150	1	#0	QPSK	23.08	PASS
Band2	10	19150	1	#Mid	QPSK	23.13	PASS
Band2	10	19150	1	#Max	QPSK	23.14	PASS
Band2	10	19150	25	#0	QPSK	22.07	PASS
Band2	10	19150	25	#Mid	QPSK	22.11	PASS
Band2	10	19150	25	#Max	QPSK	22.01	PASS
Band2	10	19150	50	#0	QPSK	22.03	PASS
Band2	10	19150	1	#0	16QAM	22.17	PASS
Band2	10	19150	1	#Mid	16QAM	22.22	PASS
Band2	10	19150	1	#Max	16QAM	22.22	PASS
Band2	10	19150	25	#0	16QAM	21.10	PASS
Band2	10	19150	25	#Mid	16QAM	21.18	PASS
Band2	10	19150	25	#Max	16QAM	21.03	PASS
Band2	10	19150	50	#0	16QAM	21.07	PASS
Band2	15	18675	1	#0	QPSK	23.05	PASS
Band2	15	18675	1	#Mid	QPSK	23.19	PASS
Band2	15	18675	1	#Max	QPSK	23.08	PASS

Band2	15	18675	36	#0	QPSK	22.13	PASS
Band2	15	18675	36	#Mid	QPSK	22.15	PASS
Band2	15	18675	36	#Max	QPSK	22.18	PASS
Band2	15	18675	75	#0	QPSK	22.15	PASS
Band2	15	18675	1	#0	16QAM	22.27	PASS
Band2	15	18675	1	#Mid	16QAM	22.40	PASS
Band2	15	18675	1	#Max	16QAM	22.31	PASS
Band2	15	18675	36	#0	16QAM	21.14	PASS
Band2	15	18675	36	#Mid	16QAM	21.12	PASS
Band2	15	18675	36	#Max	16QAM	21.18	PASS
Band2	15	18675	75	#0	16QAM	21.14	PASS
Band2	15	18900	1	#0	QPSK	23.09	PASS
Band2	15	18900	1	#Mid	QPSK	23.22	PASS
Band2	15	18900	1	#Max	QPSK	23.13	PASS
Band2	15	18900	36	#0	QPSK	22.23	PASS
Band2	15	18900	36	#Mid	QPSK	22.19	PASS
Band2	15	18900	36	#Max	QPSK	22.10	PASS
Band2	15	18900	75	#0	QPSK	22.24	PASS
Band2	15	18900	1	#0	16QAM	22.18	PASS
Band2	15	18900	1	#Mid	16QAM	22.29	PASS
Band2	15	18900	1	#Max	16QAM	22.21	PASS
Band2	15	18900	36	#0	16QAM	21.22	PASS
Band2	15	18900	36	#Mid	16QAM	21.23	PASS
Band2	15	18900	36	#Max	16QAM	21.19	PASS
Band2	15	18900	75	#0	16QAM	21.20	PASS
Band2	15	19125	1	#0	QPSK	23.13	PASS
Band2	15	19125	1	#Mid	QPSK	23.24	PASS
Band2	15	19125	1	#Max	QPSK	23.19	PASS
Band2	15	19125	36	#0	QPSK	22.04	PASS
Band2	15	19125	36	#Mid	QPSK	22.14	PASS
Band2	15	19125	36	#Max	QPSK	22.07	PASS
Band2	15	19125	75	#0	QPSK	22.07	PASS
Band2	15	19125	1	#0	16QAM	22.10	PASS
Band2	15	19125	1	#Mid	16QAM	22.23	PASS
Band2	15	19125	1	#Max	16QAM	22.17	PASS
Band2	15	19125	36	#0	16QAM	21.02	PASS
Band2	15	19125	36	#Mid	16QAM	21.09	PASS
Band2	15	19125	36	#Max	16QAM	21.06	PASS
Band2	15	19125	75	#0	16QAM	21.04	PASS
Band2	20	18700	1	#0	QPSK	22.98	PASS
Band2	20	18700	1	#Mid	QPSK	23.21	PASS
Band2	20	18700	1	#Max	QPSK	23.08	PASS
Band2	20	18700	50	#0	QPSK	22.12	PASS
Band2	20	18700	50	#Mid	QPSK	22.21	PASS

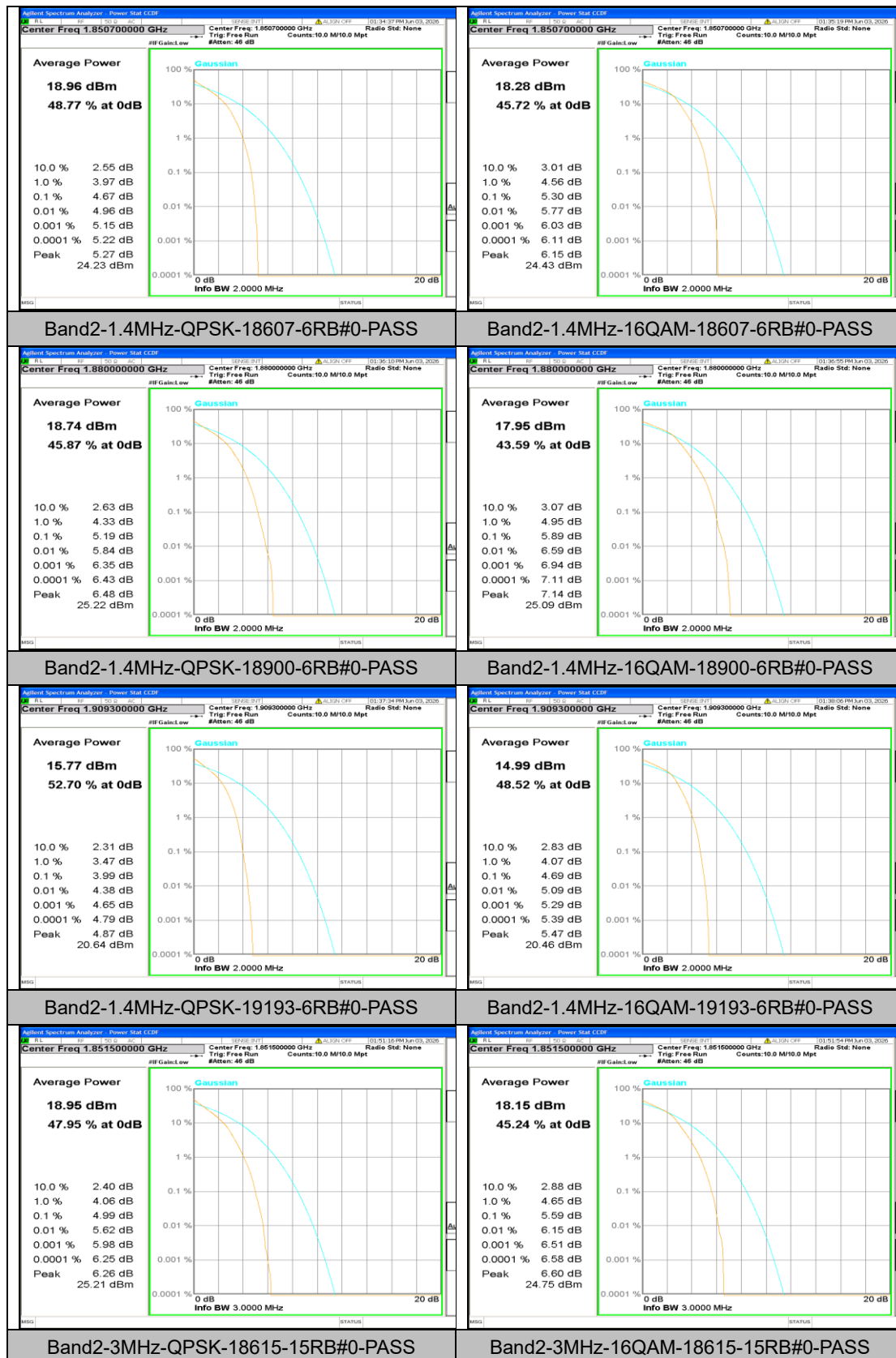
Band2	20	18700	50	#Max	QPSK	22.31	PASS
Band2	20	18700	100	#0	QPSK	22.26	PASS
Band2	20	18700	1	#0	16QAM	22.17	PASS
Band2	20	18700	1	#Mid	16QAM	22.41	PASS
Band2	20	18700	1	#Max	16QAM	22.22	PASS
Band2	20	18700	50	#0	16QAM	21.14	PASS
Band2	20	18700	50	#Mid	16QAM	21.20	PASS
Band2	20	18700	50	#Max	16QAM	21.34	PASS
Band2	20	18700	100	#0	16QAM	21.22	PASS
Band2	20	18900	1	#0	QPSK	23.06	PASS
Band2	20	18900	1	#Mid	QPSK	23.30	PASS
Band2	20	18900	1	#Max	QPSK	23.13	PASS
Band2	20	18900	50	#0	QPSK	22.26	PASS
Band2	20	18900	50	#Mid	QPSK	22.25	PASS
Band2	20	18900	50	#Max	QPSK	22.19	PASS
Band2	20	18900	100	#0	QPSK	22.21	PASS
Band2	20	18900	1	#0	16QAM	22.06	PASS
Band2	20	18900	1	#Mid	16QAM	22.36	PASS
Band2	20	18900	1	#Max	16QAM	22.19	PASS
Band2	20	18900	50	#0	16QAM	21.25	PASS
Band2	20	18900	50	#Mid	16QAM	21.27	PASS
Band2	20	18900	50	#Max	16QAM	21.17	PASS
Band2	20	18900	100	#0	16QAM	21.22	PASS
Band2	20	19100	1	#0	QPSK	23.05	PASS
Band2	20	19100	1	#Mid	QPSK	23.25	PASS
Band2	20	19100	1	#Max	QPSK	23.11	PASS
Band2	20	19100	50	#0	QPSK	22.01	PASS
Band2	20	19100	50	#Mid	QPSK	22.16	PASS
Band2	20	19100	50	#Max	QPSK	22.06	PASS
Band2	20	19100	100	#0	QPSK	21.97	PASS
Band2	20	19100	1	#0	16QAM	22.05	PASS
Band2	20	19100	1	#Mid	16QAM	22.30	PASS
Band2	20	19100	1	#Max	16QAM	22.13	PASS
Band2	20	19100	50	#0	16QAM	21.01	PASS
Band2	20	19100	50	#Mid	16QAM	21.19	PASS
Band2	20	19100	50	#Max	16QAM	21.01	PASS
Band2	20	19100	100	#0	16QAM	20.98	PASS

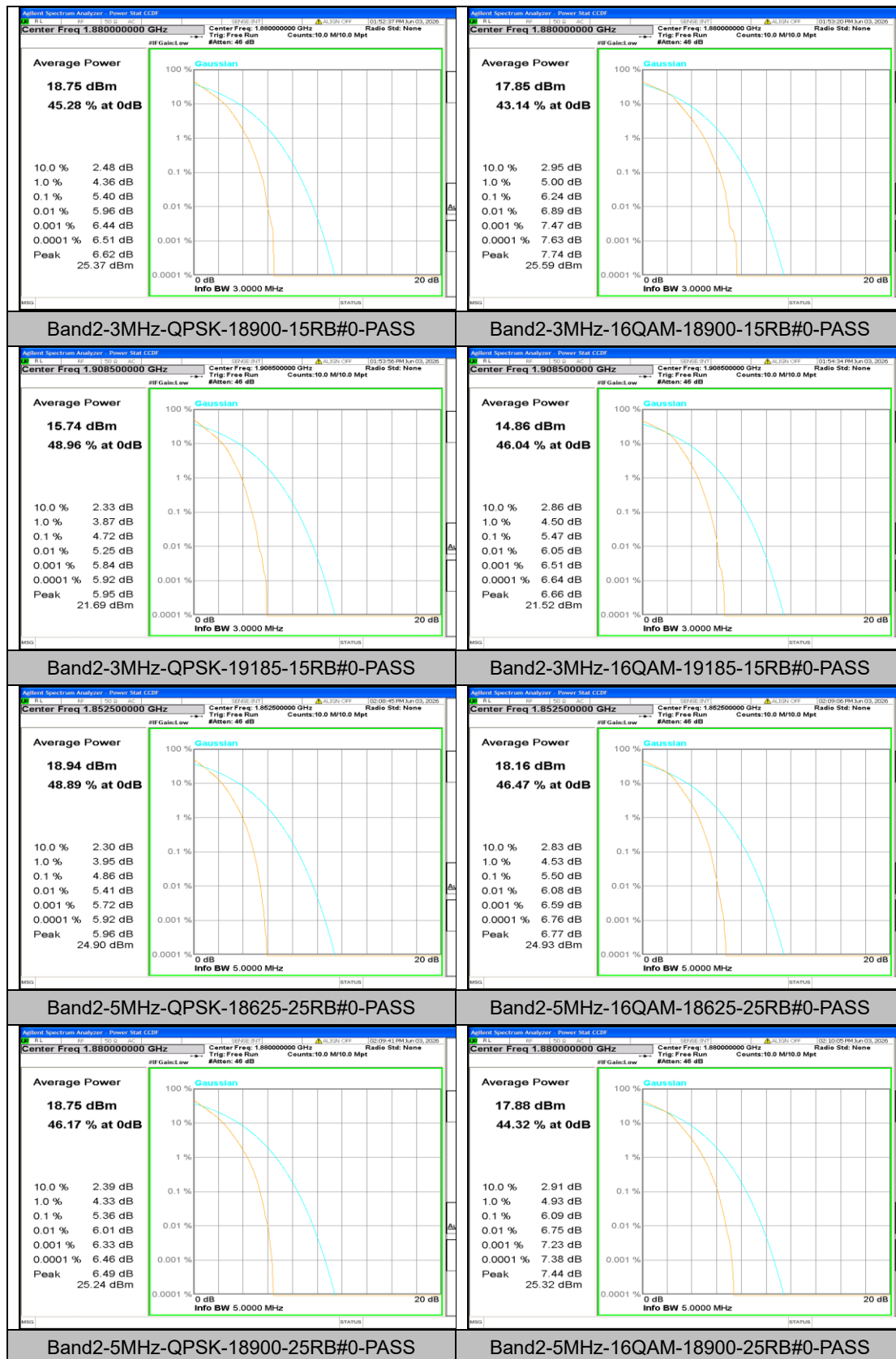
Appendix B: Peak-to-Average Ratio(CCDF)

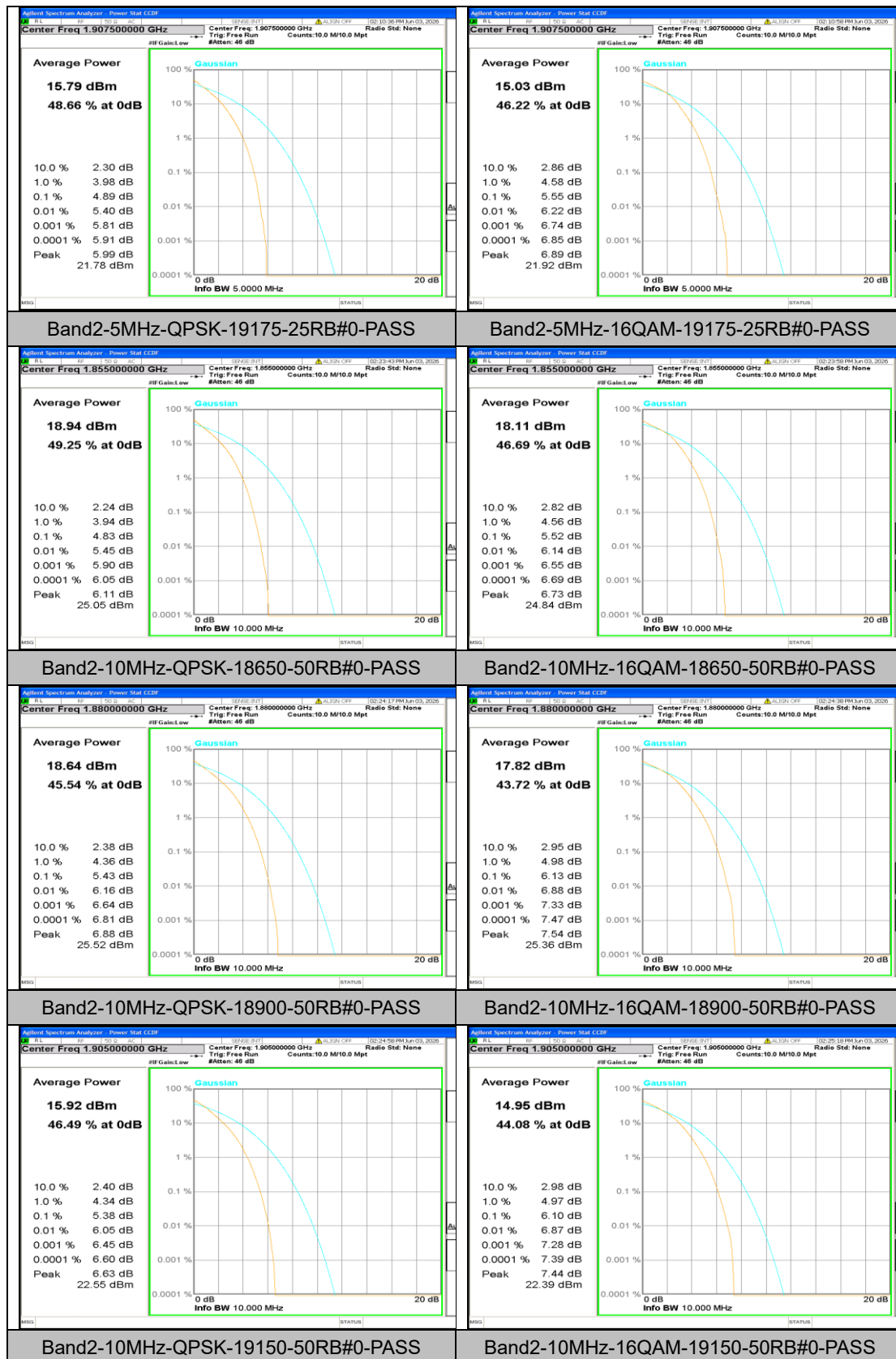
Test Result

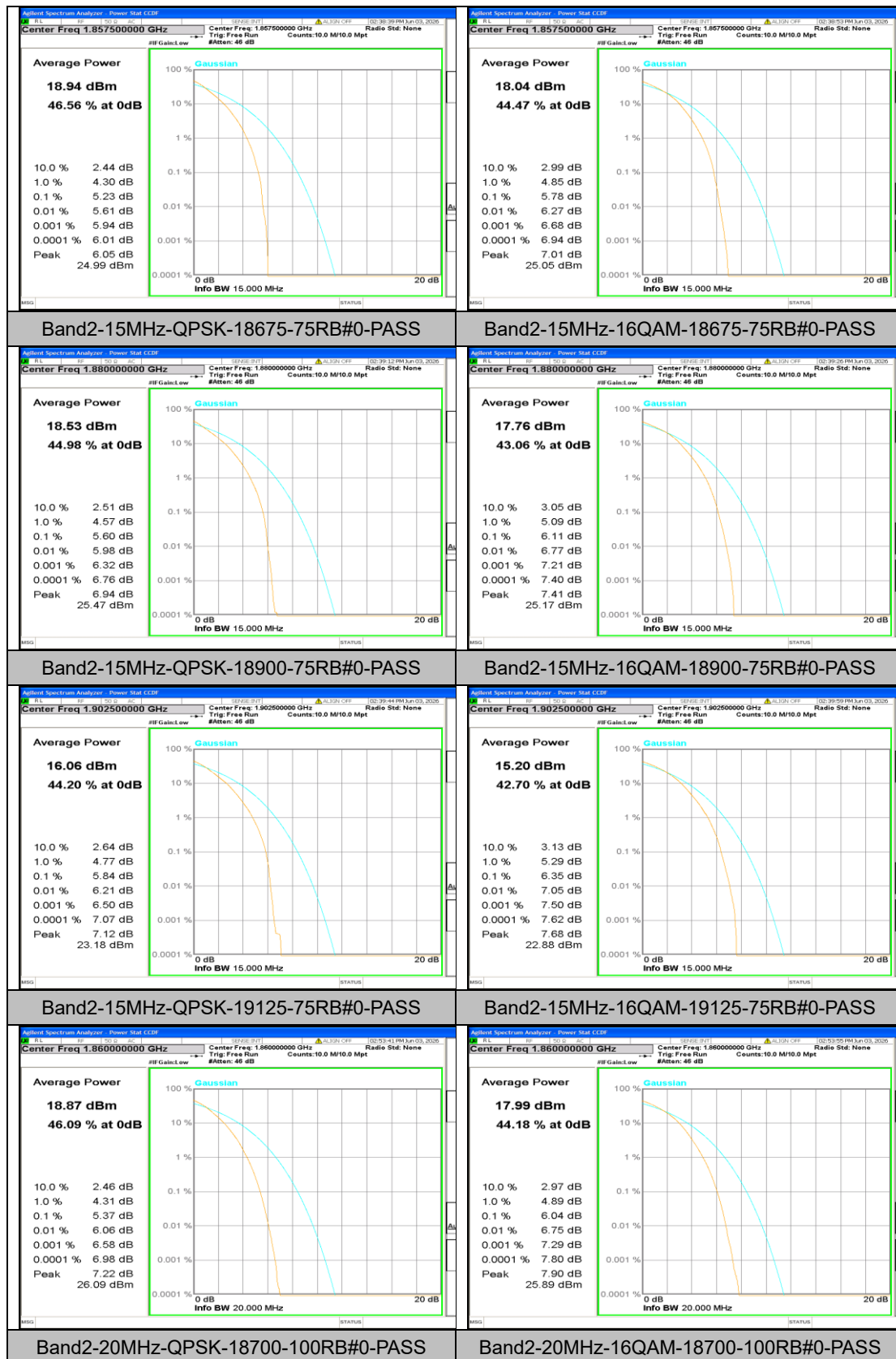
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.67	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.30	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.19	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.89	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	3.99	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	4.69	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.99	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.59	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.40	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.24	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.72	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.47	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.86	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.50	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.09	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.89	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.55	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.83	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.52	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.43	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.13	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.38	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.10	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.23	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.78	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.60	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.11	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.84	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.35	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.37	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.04	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.34	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.06	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.80	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.43	13	PASS

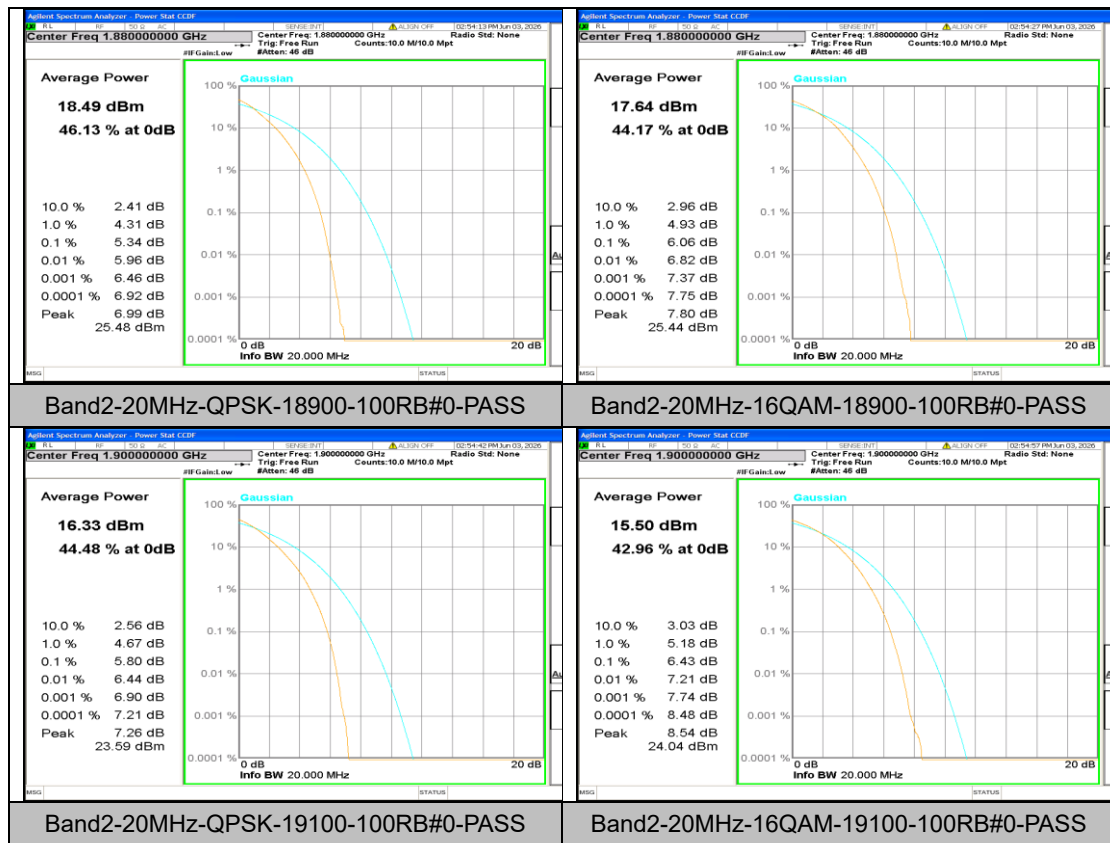
Test Graphs











Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0998	1.256	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1001	1.252	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0920	1.240	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1010	1.251	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0942	1.255	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1064	1.256	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7081	3.035	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7062	3.043	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7125	3.012	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7008	3.032	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7115	3.036	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7027	3.034	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5096	4.981	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5106	4.982	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5082	4.973	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5034	4.967	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5025	4.985	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4944	4.975	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9755	9.954	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9784	9.909	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9821	9.878	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9856	9.896	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9738	9.830	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9674	9.866	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.441	14.91	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.441	14.80	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.474	14.85	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.456	14.92	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.544	14.90	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.536	14.87	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.946	19.61	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.963	19.60	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.949	19.56	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.956	19.58	PASS

Band2	20MHz	QPSK	19100	100RB#0	18.170	19.85	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.125	19.74	PASS

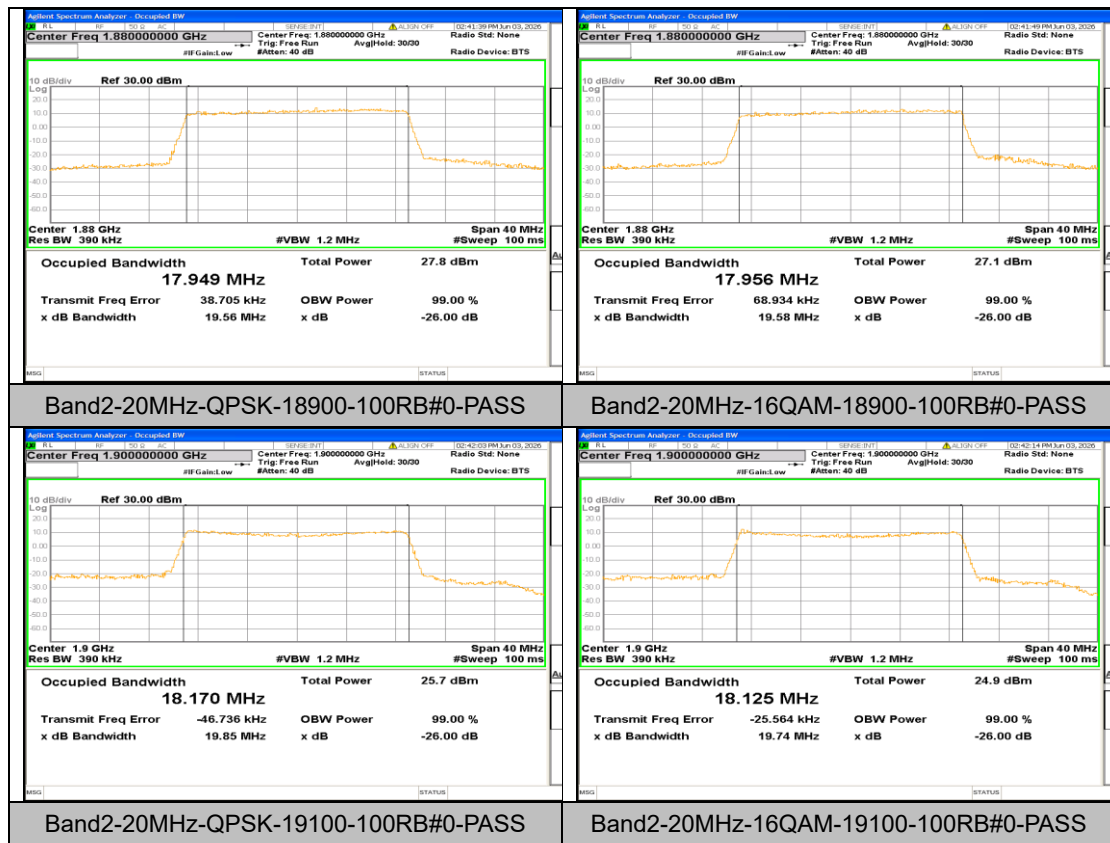
Test Graphs









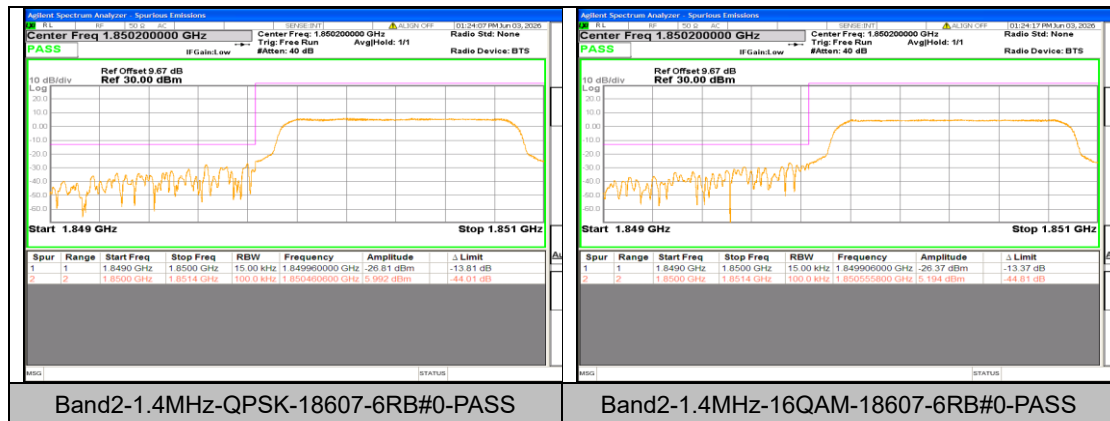


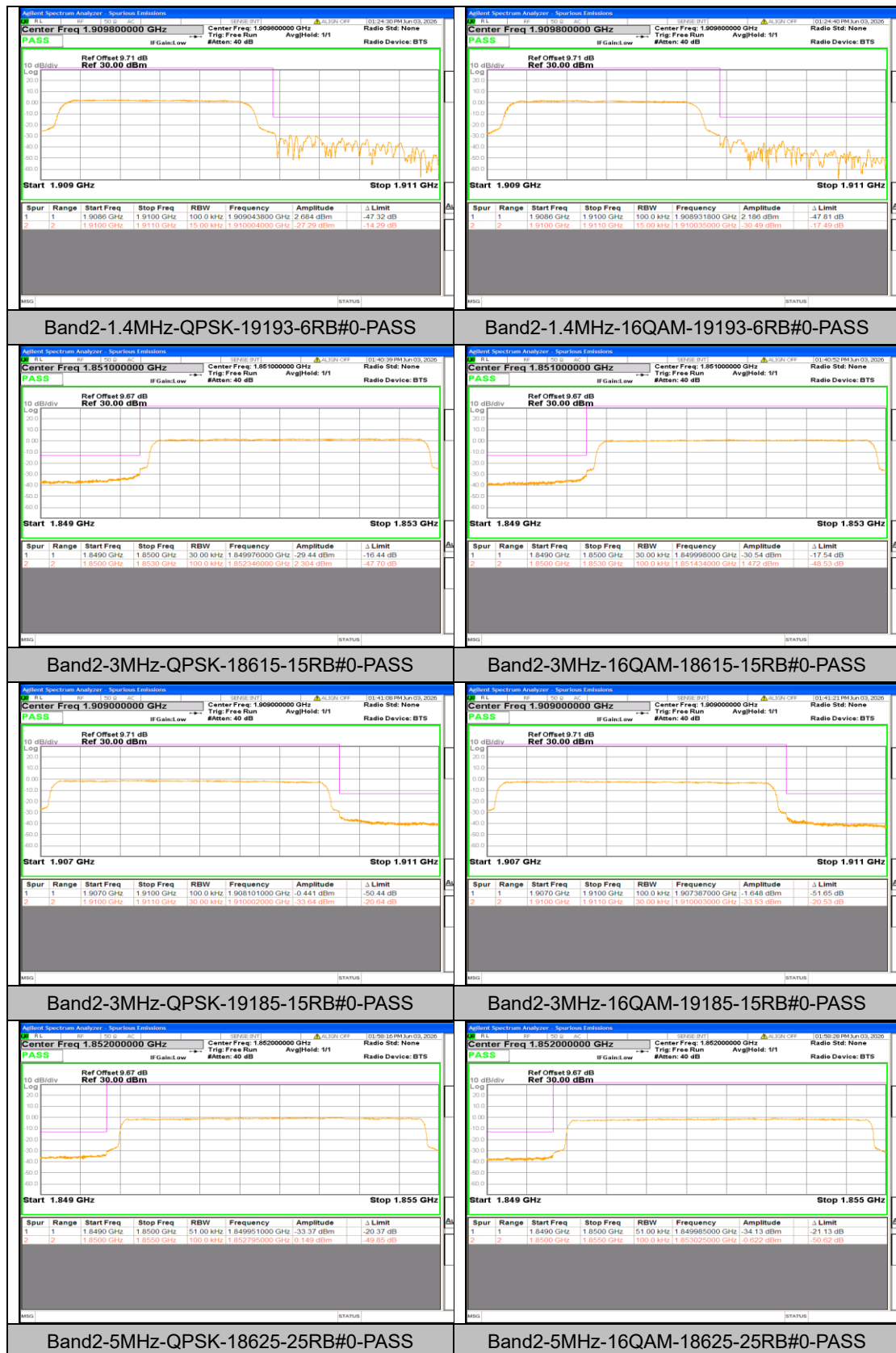
Appendix D: Band Edge

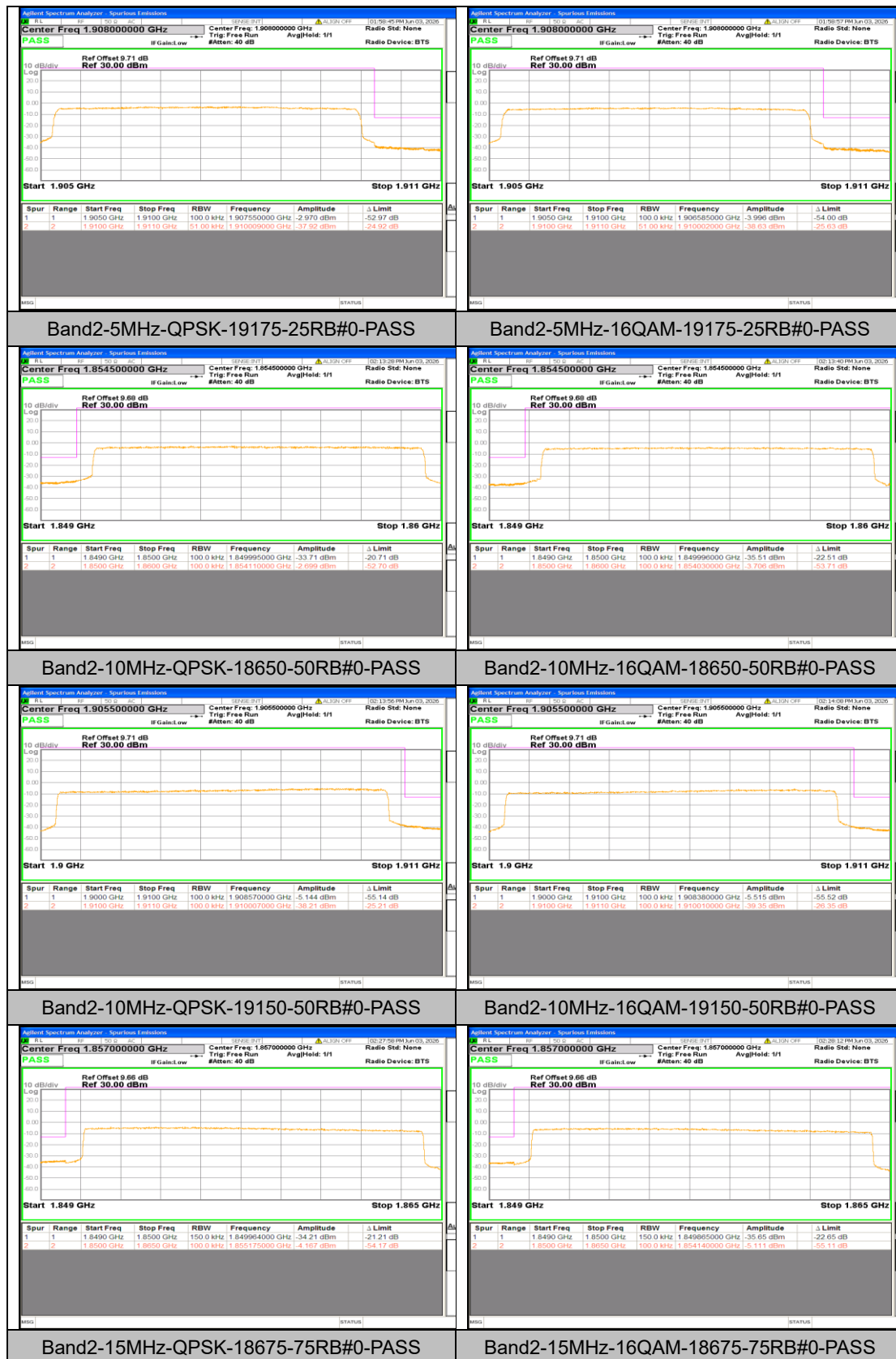
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-26.81	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.37	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.29	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.49	PASS
Band2	3MHz	QPSK	18615	15RB#0	-29.44	PASS
Band2	3MHz	16QAM	18615	15RB#0	-30.54	PASS
Band2	3MHz	QPSK	19185	15RB#0	-33.64	PASS
Band2	3MHz	16QAM	19185	15RB#0	-33.53	PASS
Band2	5MHz	QPSK	18625	25RB#0	-33.37	PASS
Band2	5MHz	16QAM	18625	25RB#0	-34.13	PASS
Band2	5MHz	QPSK	19175	25RB#0	-37.92	PASS
Band2	5MHz	16QAM	19175	25RB#0	-38.63	PASS
Band2	10MHz	QPSK	18650	50RB#0	-33.71	PASS
Band2	10MHz	16QAM	18650	50RB#0	-35.51	PASS
Band2	10MHz	QPSK	19150	50RB#0	-38.21	PASS
Band2	10MHz	16QAM	19150	50RB#0	-39.35	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.21	PASS
Band2	15MHz	16QAM	18675	75RB#0	-35.65	PASS
Band2	15MHz	QPSK	19125	75RB#0	-39.34	PASS
Band2	15MHz	16QAM	19125	75RB#0	-40.48	PASS
Band2	20MHz	QPSK	18700	100RB#0	-36.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	-37.49	PASS
Band2	20MHz	QPSK	19100	100RB#0	-40.06	PASS
Band2	20MHz	16QAM	19100	100RB#0	-41.14	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	0.009~0.15	-58.86	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	0.15~30	-52.76	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	30~1000	-57.60	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	1000~3000	-27.10	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	3000~20000	-38.27	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.009~0.15	-58.54	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.15~30	-52.33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	30~1000	-57.04	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1000~3000	-28.16	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	3000~20000	-38.03	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.009~0.15	-58.23	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.15~30	-52.14	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	30~1000	-58.09	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1000~3000	-47.89	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	3000~20000	-38.17	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.009~0.15	-58.87	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.15~30	-51.52	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	30~1000	-58.06	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1000~3000	-43.69	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	3000~20000	-37.73	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.009~0.15	-60.19	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.15~30	-51.30	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	30~1000	-57.94	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1000~3000	-34.79	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	3000~20000	-38.16	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.009~0.15	-59.58	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.15~30	-52.01	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	30~1000	-57.63	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1000~3000	-33.40	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	3000~20000	-38.14	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.009~0.15	-59.35	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.15~30	-51.41	PASS
Band2	3MHz	QPSK	18615	15RB#0	30~1000	-57.89	PASS
Band2	3MHz	QPSK	18615	15RB#0	1000~3000	-21.61	PASS
Band2	3MHz	QPSK	18615	15RB#0	3000~20000	-37.88	PASS
Band2	3MHz	16QAM	18615	15RB#0	0.009~0.15	-59.12	PASS

Band2	3MHz	16QAM	18615	15RB#0	0.15~30	-51.57	PASS
Band2	3MHz	16QAM	18615	15RB#0	30~1000	-57.71	PASS
Band2	3MHz	16QAM	18615	15RB#0	1000~3000	-22.57	PASS
Band2	3MHz	16QAM	18615	15RB#0	3000~20000	-38.08	PASS
Band2	3MHz	QPSK	18900	15RB#0	0.009~0.15	-58.75	PASS
Band2	3MHz	QPSK	18900	15RB#0	0.15~30	-52.56	PASS
Band2	3MHz	QPSK	18900	15RB#0	30~1000	-57.29	PASS
Band2	3MHz	QPSK	18900	15RB#0	1000~3000	-40.28	PASS
Band2	3MHz	QPSK	18900	15RB#0	3000~20000	-38.35	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.009~0.15	-59.54	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.15~30	-50.53	PASS
Band2	3MHz	16QAM	18900	15RB#0	30~1000	-58.08	PASS
Band2	3MHz	16QAM	18900	15RB#0	1000~3000	-47.96	PASS
Band2	3MHz	16QAM	18900	15RB#0	3000~20000	-38.07	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.009~0.15	-57.40	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.15~30	-52.82	PASS
Band2	3MHz	QPSK	19185	15RB#0	30~1000	-58.22	PASS
Band2	3MHz	QPSK	19185	15RB#0	1000~3000	-25.79	PASS
Band2	3MHz	QPSK	19185	15RB#0	3000~20000	-37.71	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.009~0.15	-59.33	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.15~30	-51.24	PASS
Band2	3MHz	16QAM	19185	15RB#0	30~1000	-58.14	PASS
Band2	3MHz	16QAM	19185	15RB#0	1000~3000	-26.49	PASS
Band2	3MHz	16QAM	19185	15RB#0	3000~20000	-37.69	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.009~0.15	-59.71	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.15~30	-51.53	PASS
Band2	5MHz	QPSK	18625	25RB#0	30~1000	-58.09	PASS
Band2	5MHz	QPSK	18625	25RB#0	1000~3000	-20.80	PASS
Band2	5MHz	QPSK	18625	25RB#0	3000~20000	-38.37	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.009~0.15	-59.26	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.15~30	-52.11	PASS
Band2	5MHz	16QAM	18625	25RB#0	30~1000	-57.60	PASS
Band2	5MHz	16QAM	18625	25RB#0	1000~3000	-23.40	PASS
Band2	5MHz	16QAM	18625	25RB#0	3000~20000	-38.21	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.009~0.15	-59.62	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.15~30	-50.62	PASS
Band2	5MHz	QPSK	18900	25RB#0	30~1000	-58.12	PASS
Band2	5MHz	QPSK	18900	25RB#0	1000~3000	-47.86	PASS
Band2	5MHz	QPSK	18900	25RB#0	3000~20000	-38.50	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.009~0.15	-58.87	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.15~30	-51.34	PASS
Band2	5MHz	16QAM	18900	25RB#0	30~1000	-58.14	PASS
Band2	5MHz	16QAM	18900	25RB#0	1000~3000	-47.92	PASS