



Appendix N: Test Data for E-UTRA Band 38

Product Name: Tablet

Test Model: HIP-T69

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jose Zhu
Supervised by:	Nick Peng



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N.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.44	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.54	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.34	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.33	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.31	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.44	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.54	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.61	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.57	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.62	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.51	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.56	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.40	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.74	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.96	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.61	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.97	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.72	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.02	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.74	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.25	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.37	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.27	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.38	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.23	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.31	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.17	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.41	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.99	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.67	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.81	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.21	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.90	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.60	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.16	PASS



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Band38	5MHz	16QAM	38225	12RB#0	20.32	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.17	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.33	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.12	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.26	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.17	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.35	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.70	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.16	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.61	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.15	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.47	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.44	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.31	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.67	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.32	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.67	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.31	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.60	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.39	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.63	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.18	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.61	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.22	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.63	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.20	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.52	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.41	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.88	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.42	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.88	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.46	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.78	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.37	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.51	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.27	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.92	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.20	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.18	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.87	PASS



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Band38	10MHz	16QAM	38200	1RB#49	21.09	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.23	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.23	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.98	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.16	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.92	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.40	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.72	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.42	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.56	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.10	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.46	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.17	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.50	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.50	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.51	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.34	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.34	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.34	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.34	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.66	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.58	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.07	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.53	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.13	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.63	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.61	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.30	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.11	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.11	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.13	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.14	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.13	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.13	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.42	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.29	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.93	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.22	PASS



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Band38	15MHz	16QAM	38175	1RB#38	21.84	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.21	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.77	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.25	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.25	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.25	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.25	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.25	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.25	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.25	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.45	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.35	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.71	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.08	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.39	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.08	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.39	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.65	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.96	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.66	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.75	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.14	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.53	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.24	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.59	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.48	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.66	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.52	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.58	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.53	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.51	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.43	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.61	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.44	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.61	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.16	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.48	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.20	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.34	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.10	PASS



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Band38	20MHz	16QAM	38150	1RB#0	22.04	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.08	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.92	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.81	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.24	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.61	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.25	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.61	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.13	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.46	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.23	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.53	PASS



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N.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.67	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	8.96	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.15	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.69	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.85	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.42	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.12	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.62	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.27	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.57	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.14	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.50	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.35	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	8.89	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.00	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.64	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.91	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.07	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.94	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.02	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.34	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	8.78	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.90	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.46	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.50	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	8.93	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.30	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	10.23	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.46	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	9.20	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.29	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.12	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.59	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.13	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.23	13	PASS



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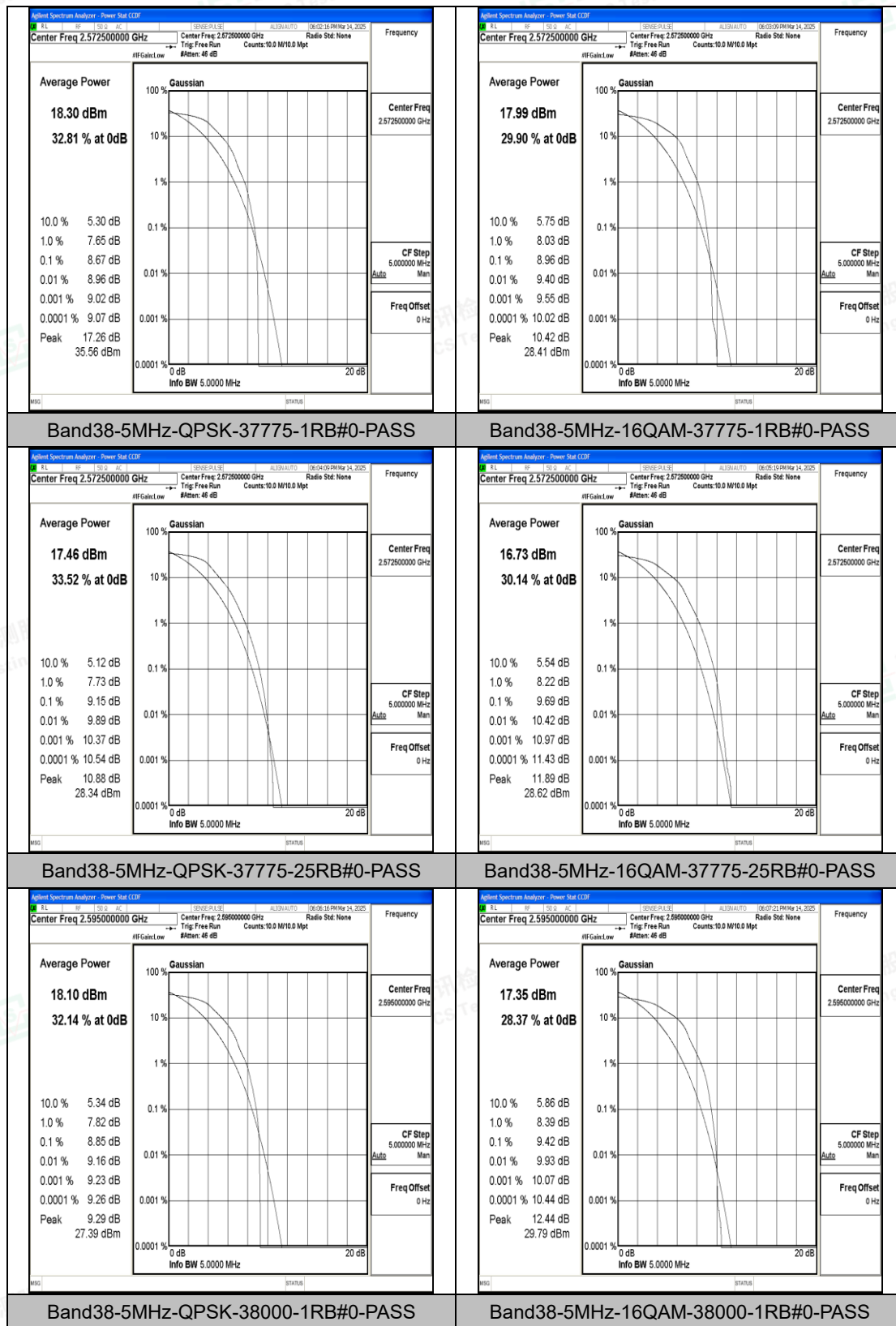


Band38	15MHz	16QAM	38175	75RB#0	9.86	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	7.95	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.76	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.05	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.81	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.47	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	9.40	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.18	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.62	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.31	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.30	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.98	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.20	13	PASS





Test Graphs

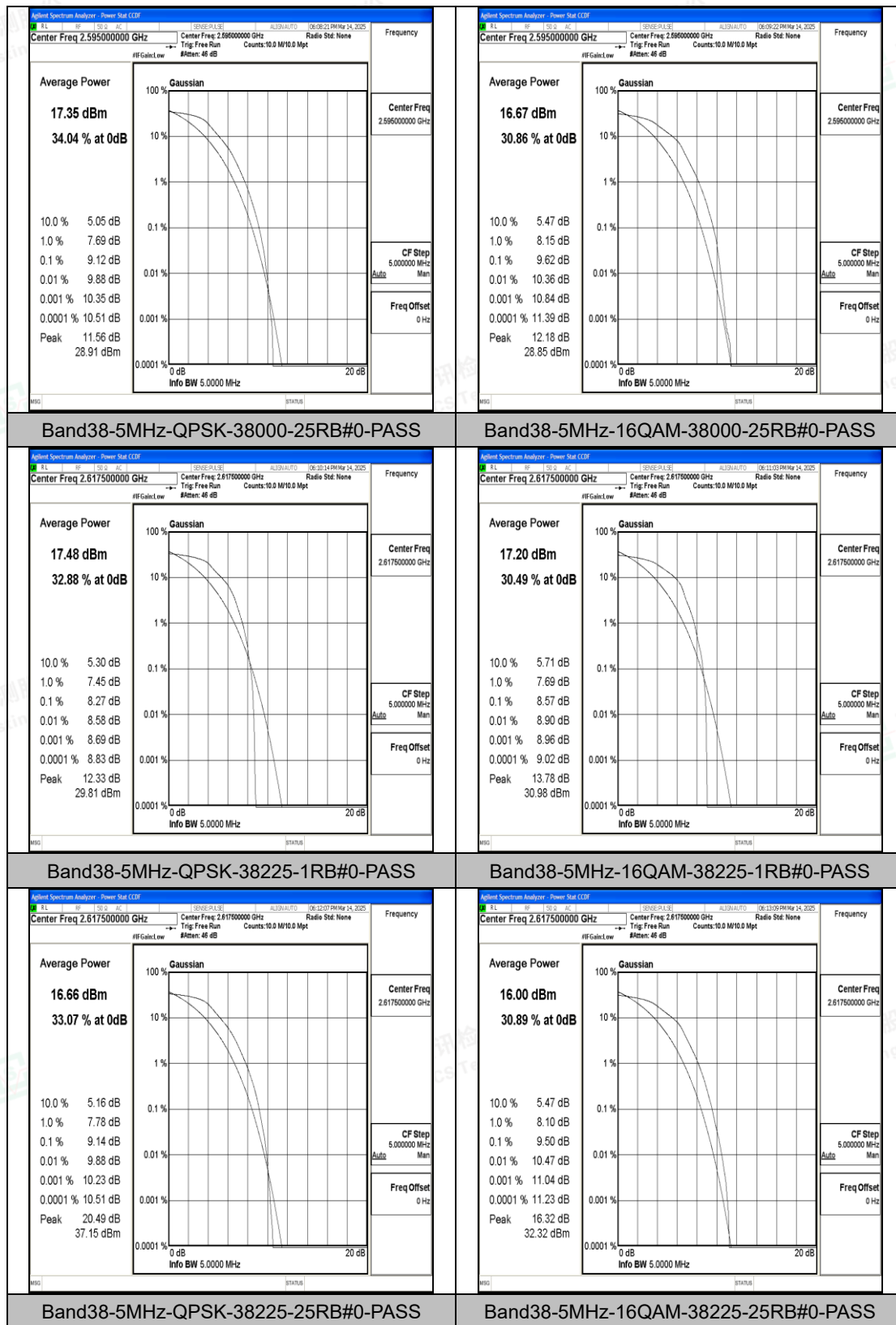


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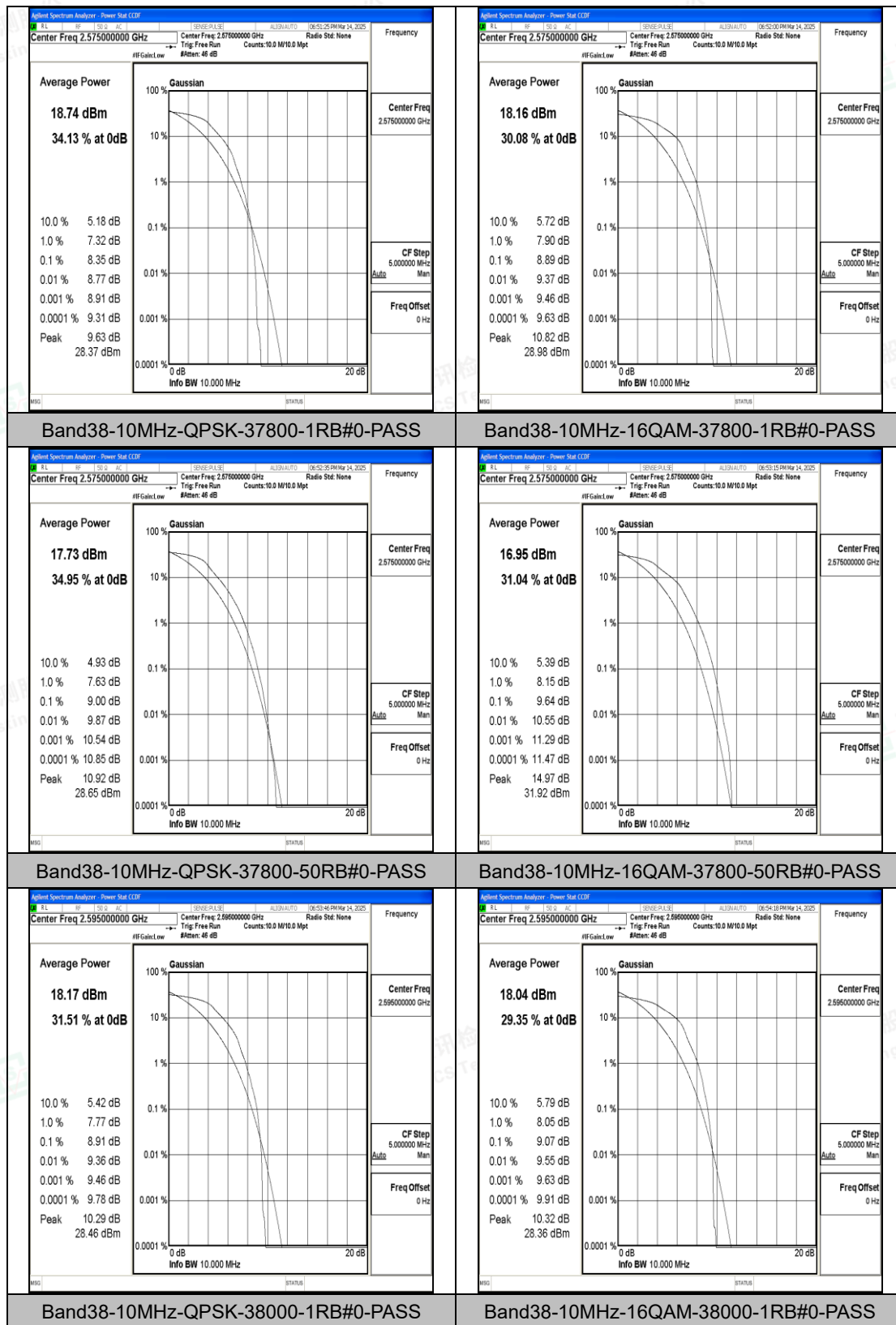


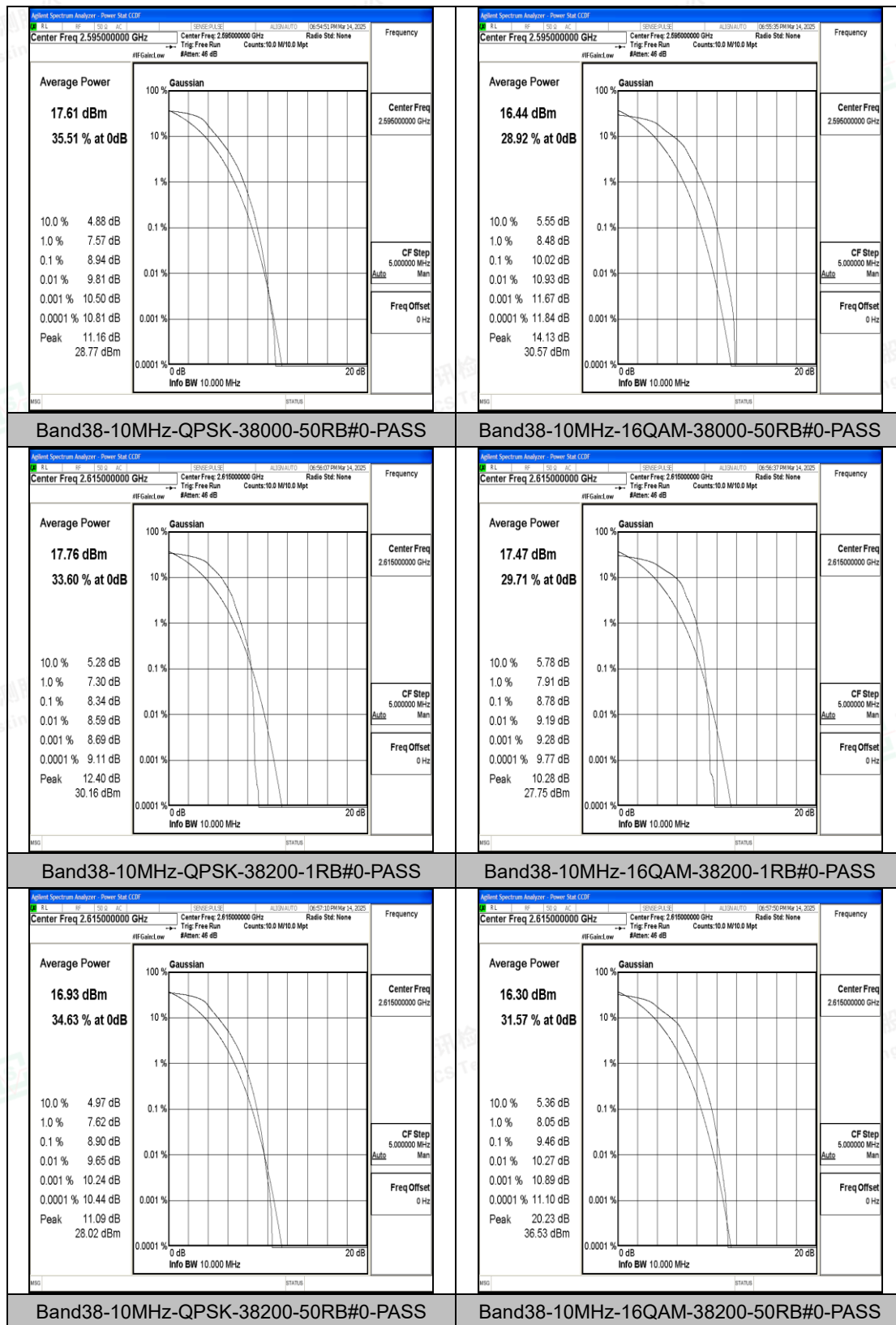
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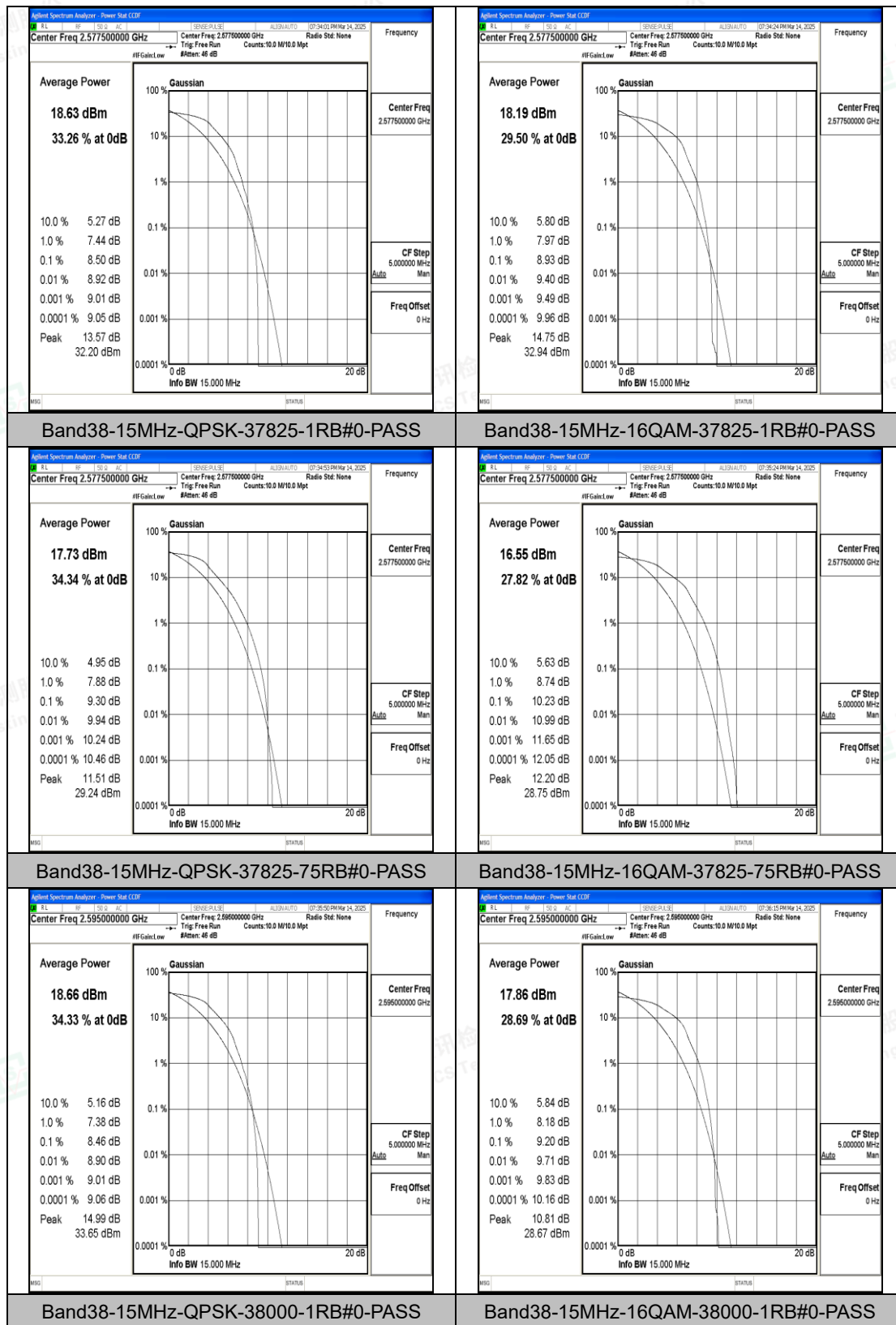
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

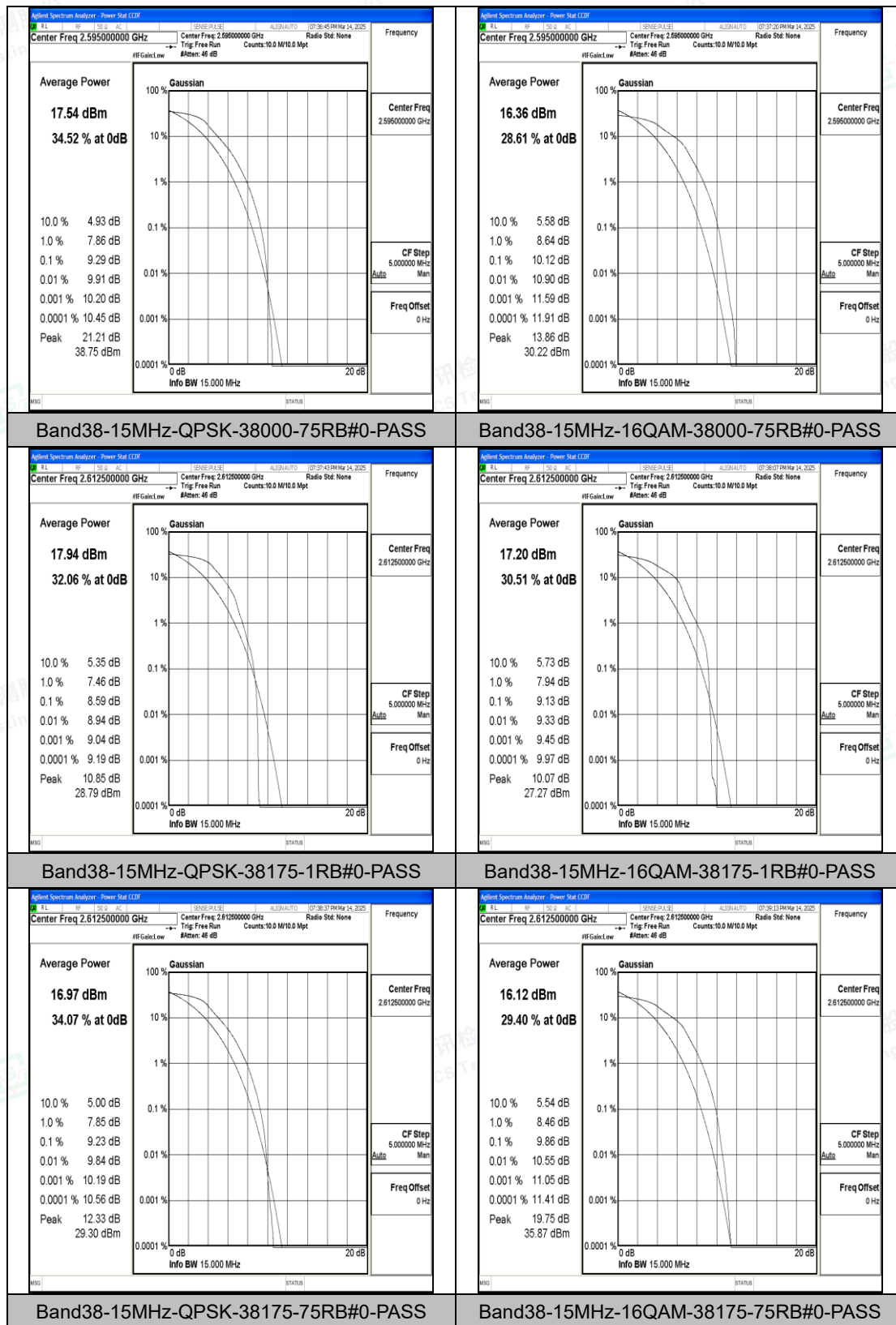
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

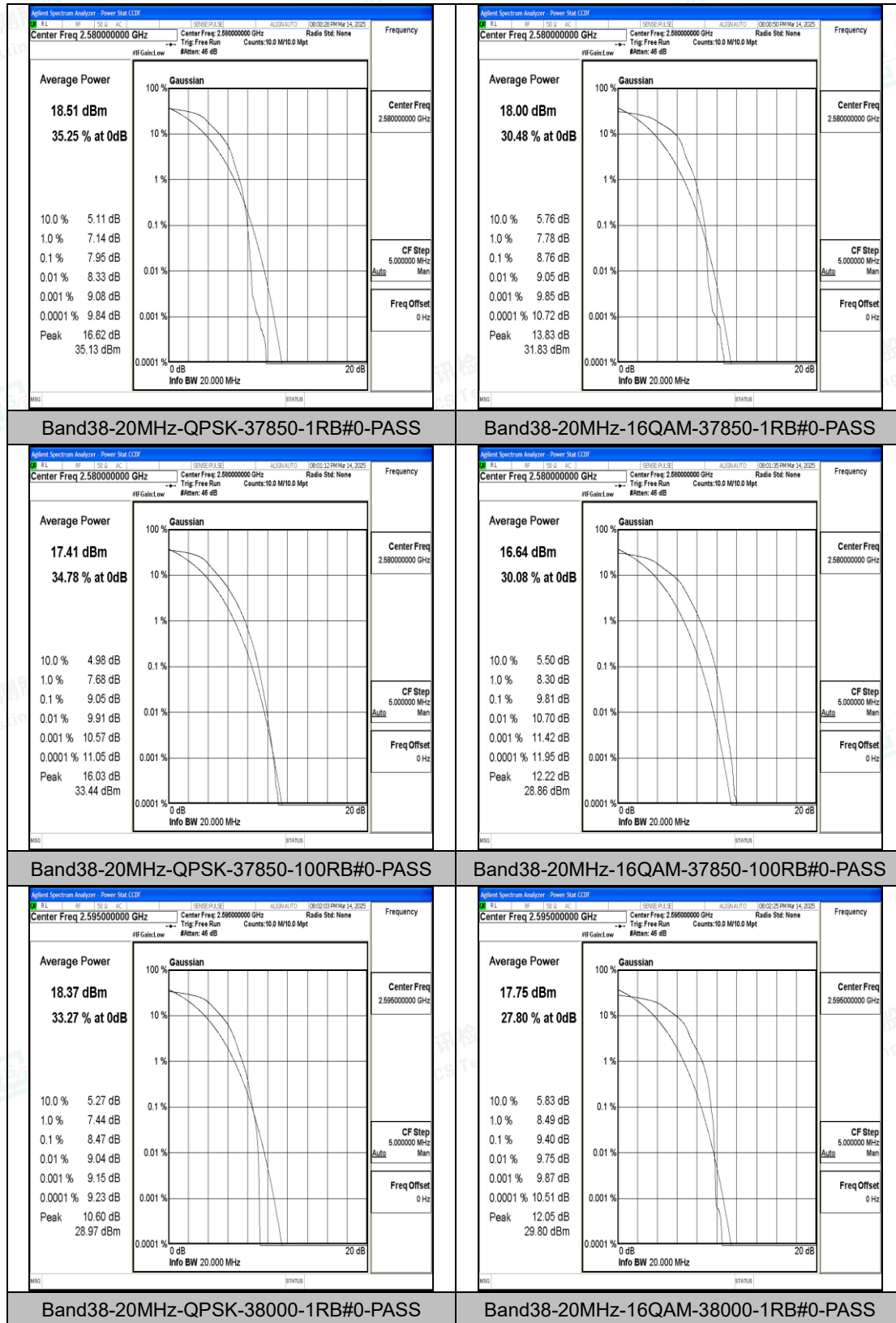
Scan code to check authenticity

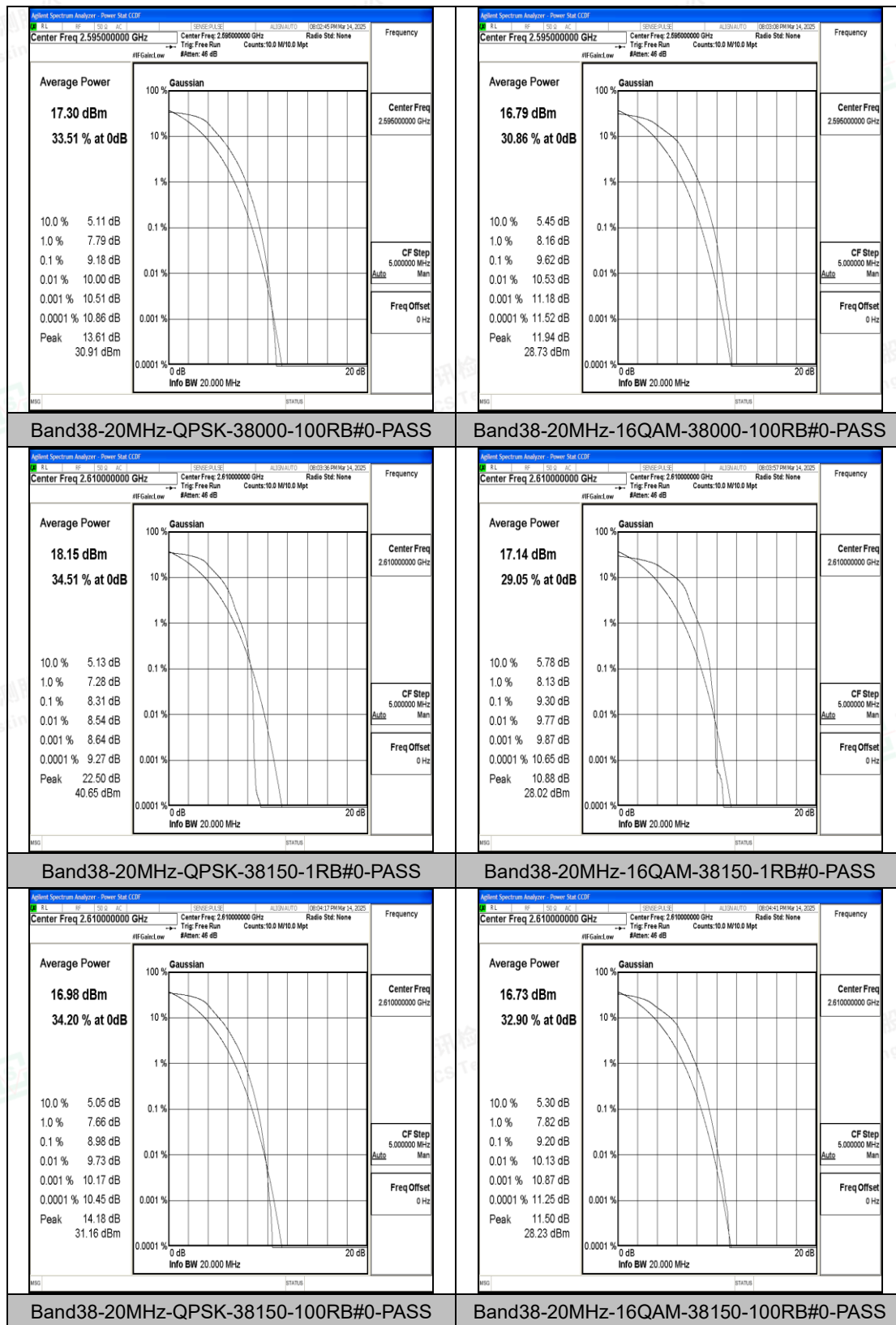














N.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5077	5.241	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5064	5.163	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5074	5.183	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4938	5.401	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4892	5.155	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4940	5.337	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0041	10.12	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0135	10.16	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9748	10.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9808	10.03	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0259	10.15	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0077	11.35	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.247	14.96	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.499	15.19	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.455	15.70	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.514	15.35	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.454	15.45	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.496	15.74	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.017	19.68	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.935	20.63	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.004	19.90	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.984	21.17	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.990	20.14	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.023	20.69	PASS



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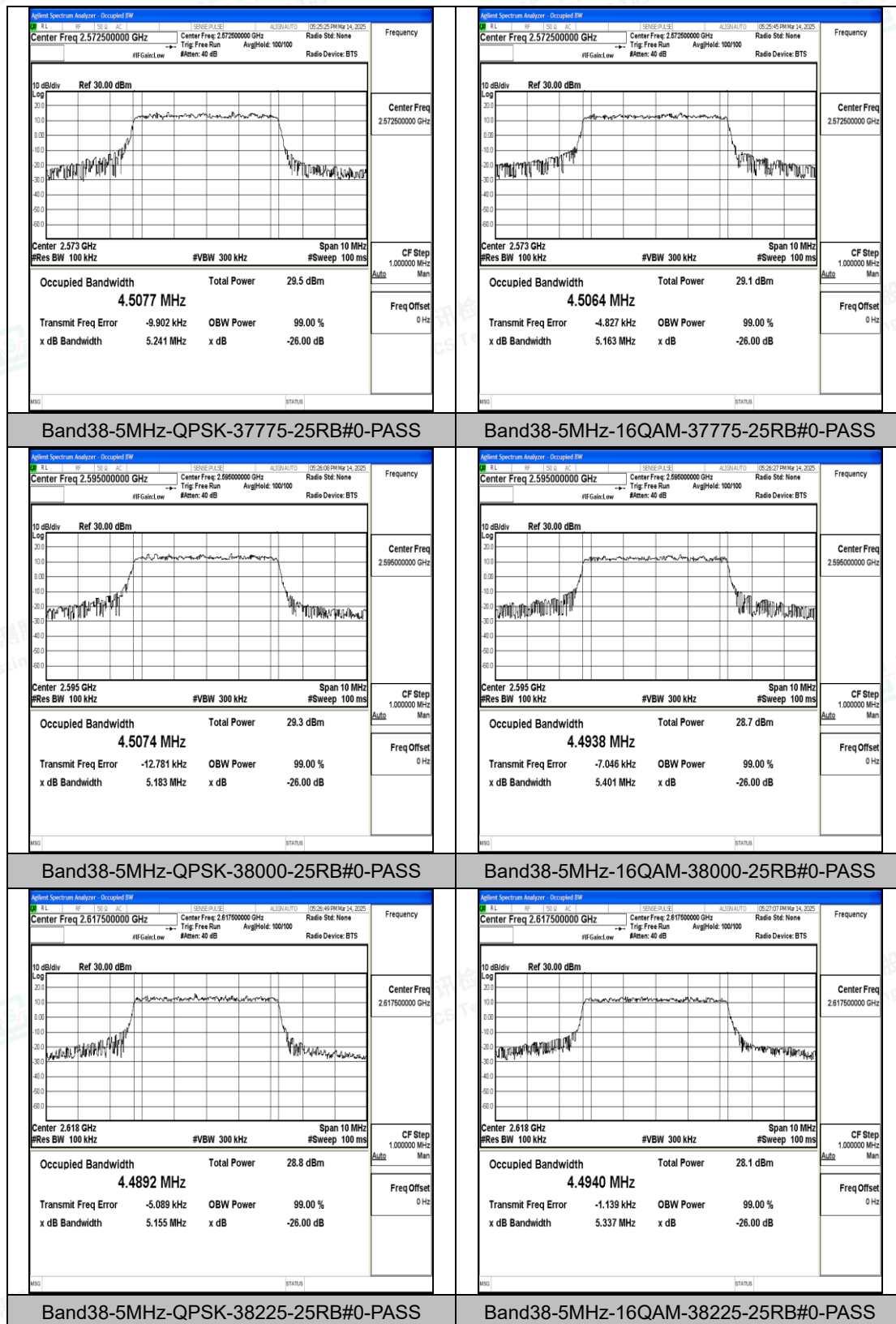
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

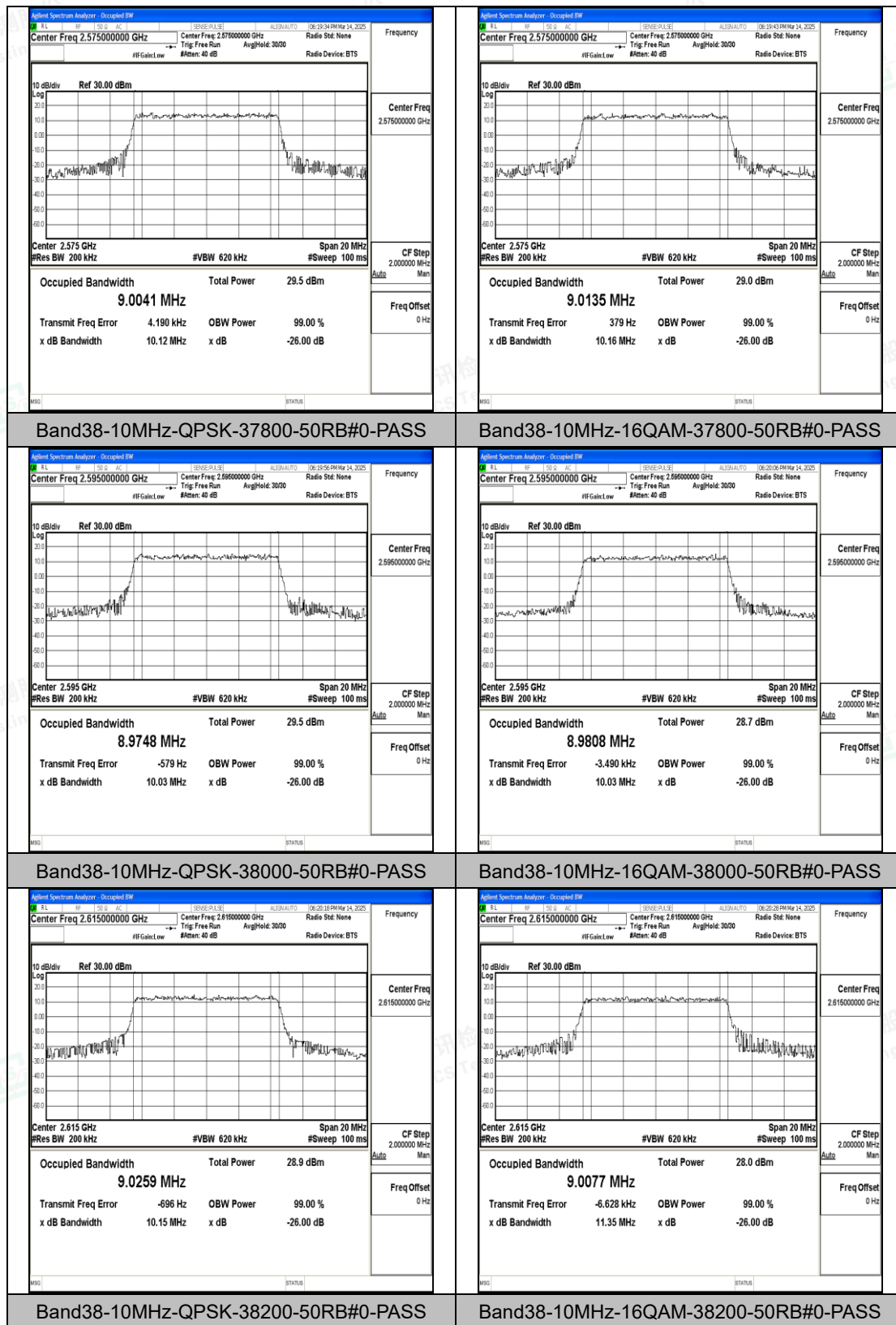


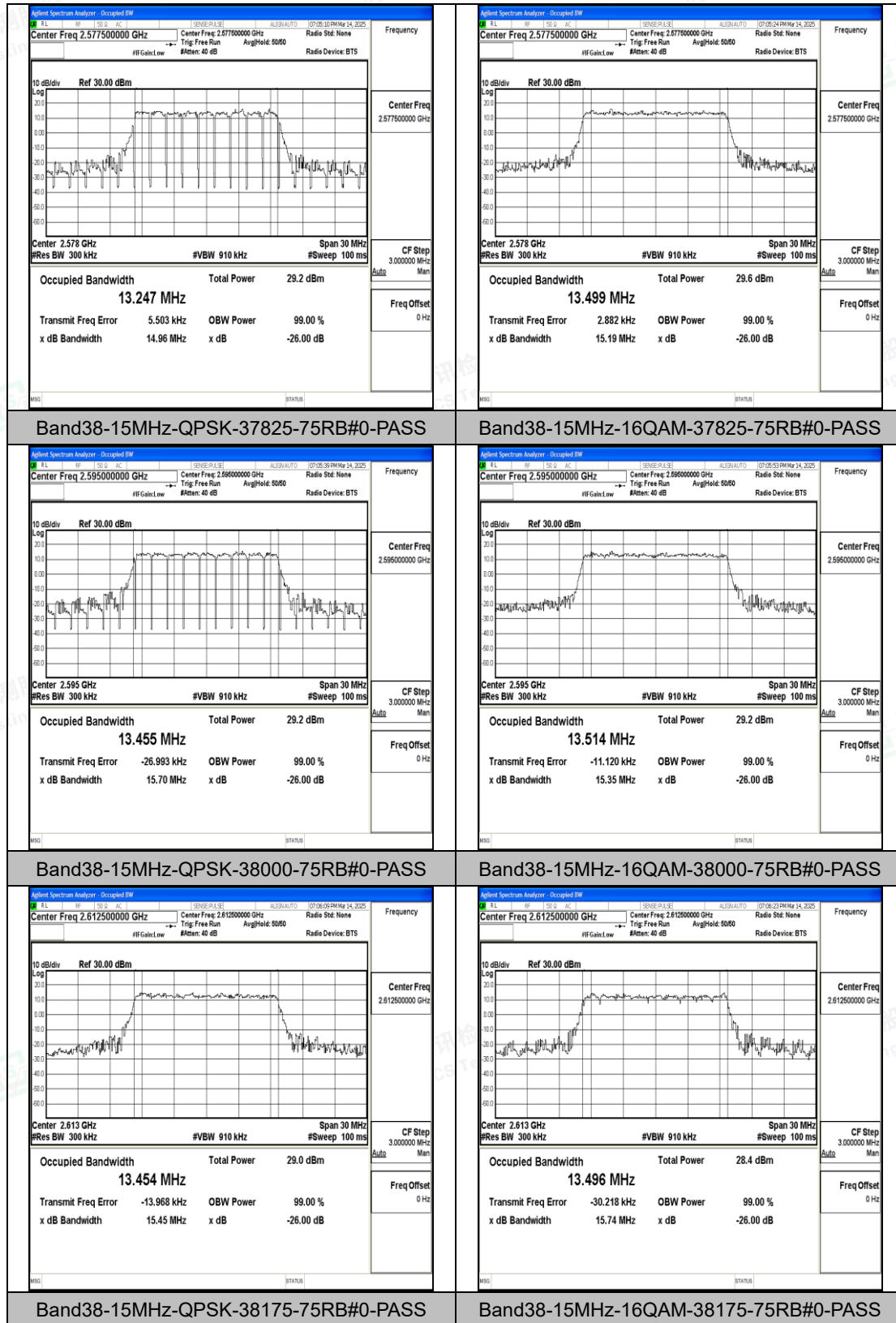
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