



Appendix O: Test Data for E-UTRA Band 41

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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O.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.68	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.43	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.86	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.78	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.95	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.77	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.22	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.52	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.13	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.51	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.22	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.47	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.21	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.24	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.14	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.54	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.10	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.64	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.14	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.71	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.18	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.41	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.20	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.43	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.11	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.40	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.15	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.47	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.86	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.44	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.90	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.15	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.99	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.62	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.27	PASS



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Band41	5MHz	16QAM	41565	12RB#0	20.38	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.13	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.34	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.23	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.30	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.14	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.40	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.27	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.73	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.33	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.68	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.42	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.72	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.52	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.86	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.48	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.86	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.45	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.85	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.51	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.75	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.35	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.08	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.38	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.03	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.44	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.95	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.35	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.55	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.36	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.55	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.40	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.38	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.12	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.44	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.15	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.91	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.21	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.86	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.10	PASS



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Band41	10MHz	16QAM	41540	1RB#49	21.74	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.16	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.37	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.04	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.37	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.13	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.25	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.08	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.36	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.83	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.42	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.80	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.59	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.92	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.58	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.85	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.85	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.85	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.84	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.84	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.84	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.84	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.14	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.39	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.15	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.35	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.04	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.46	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.02	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.34	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.34	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.34	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.35	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.34	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.34	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.07	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.43	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.18	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.82	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.15	PASS



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Band41	15MHz	16QAM	41515	1RB#38	21.78	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.19	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.14	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.88	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.89	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.89	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.89	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.89	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.89	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.89	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.28	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.46	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.91	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.47	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.80	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.53	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.97	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.80	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.18	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.80	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.17	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.97	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.39	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.84	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.13	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.08	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.79	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.87	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.11	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.86	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.36	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.74	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.40	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.74	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.44	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.75	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.38	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.63	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.01	PASS



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Band41	20MHz	16QAM	41490	1RB#0	21.80	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.89	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.86	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.91	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.90	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.15	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.56	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.14	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.45	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.19	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.47	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.18	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.44	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.14	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.58	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.11	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.59	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.76	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.12	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.08	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.72	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.34	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.68	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.18	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.75	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.18	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.63	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.92	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.54	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.75	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.96	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.12	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.70	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.40	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.88	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.01	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.78	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	7.95	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.45	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.21	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.73	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.50	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.88	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.26	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.08	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.70	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.75	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.31	13	PASS



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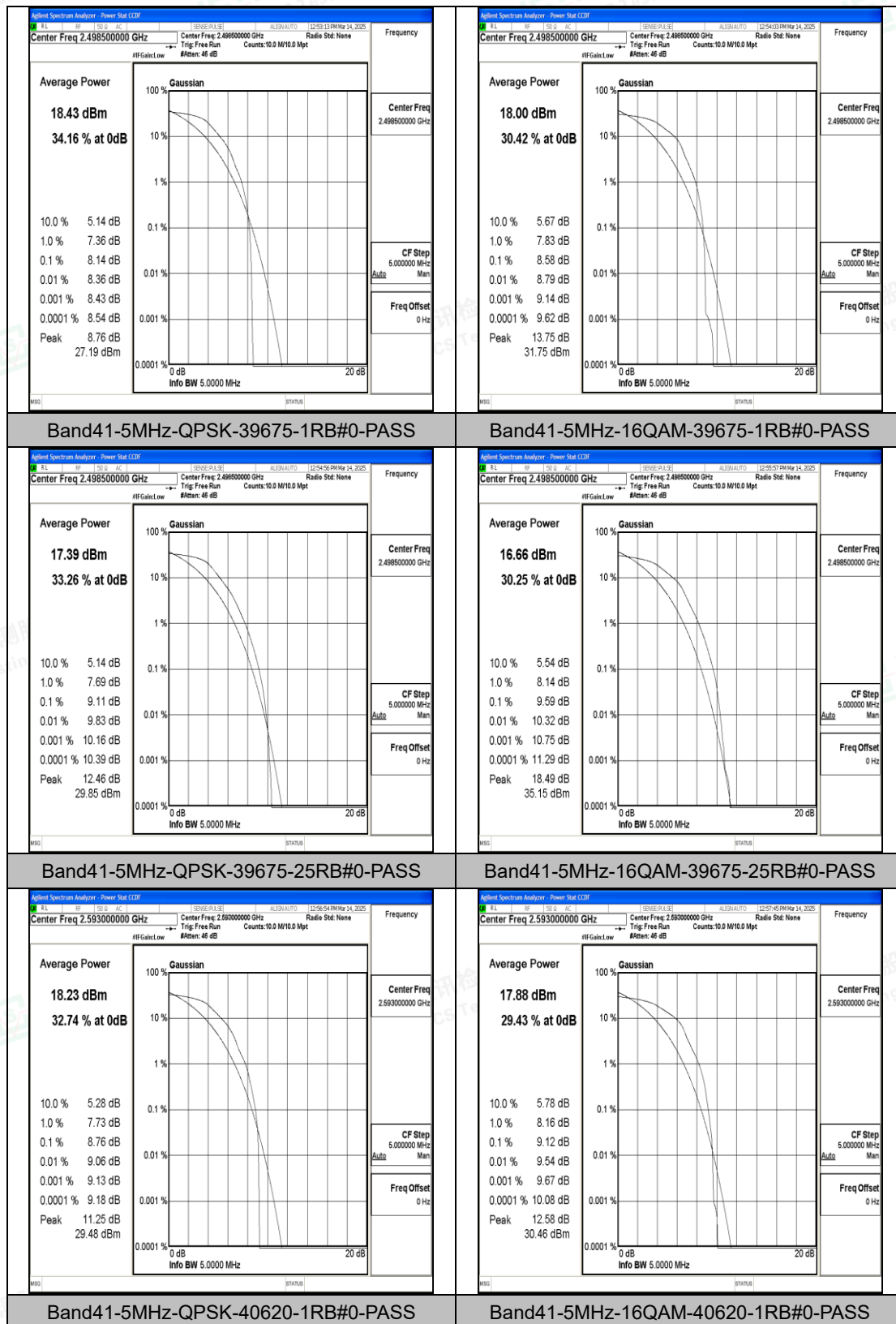


Band41	15MHz	16QAM	41515	75RB#0	10.11	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.16	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.84	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.98	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.52	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.37	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.19	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.93	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	10.05	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.09	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.52	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.32	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.67	13	PASS





Test Graphs

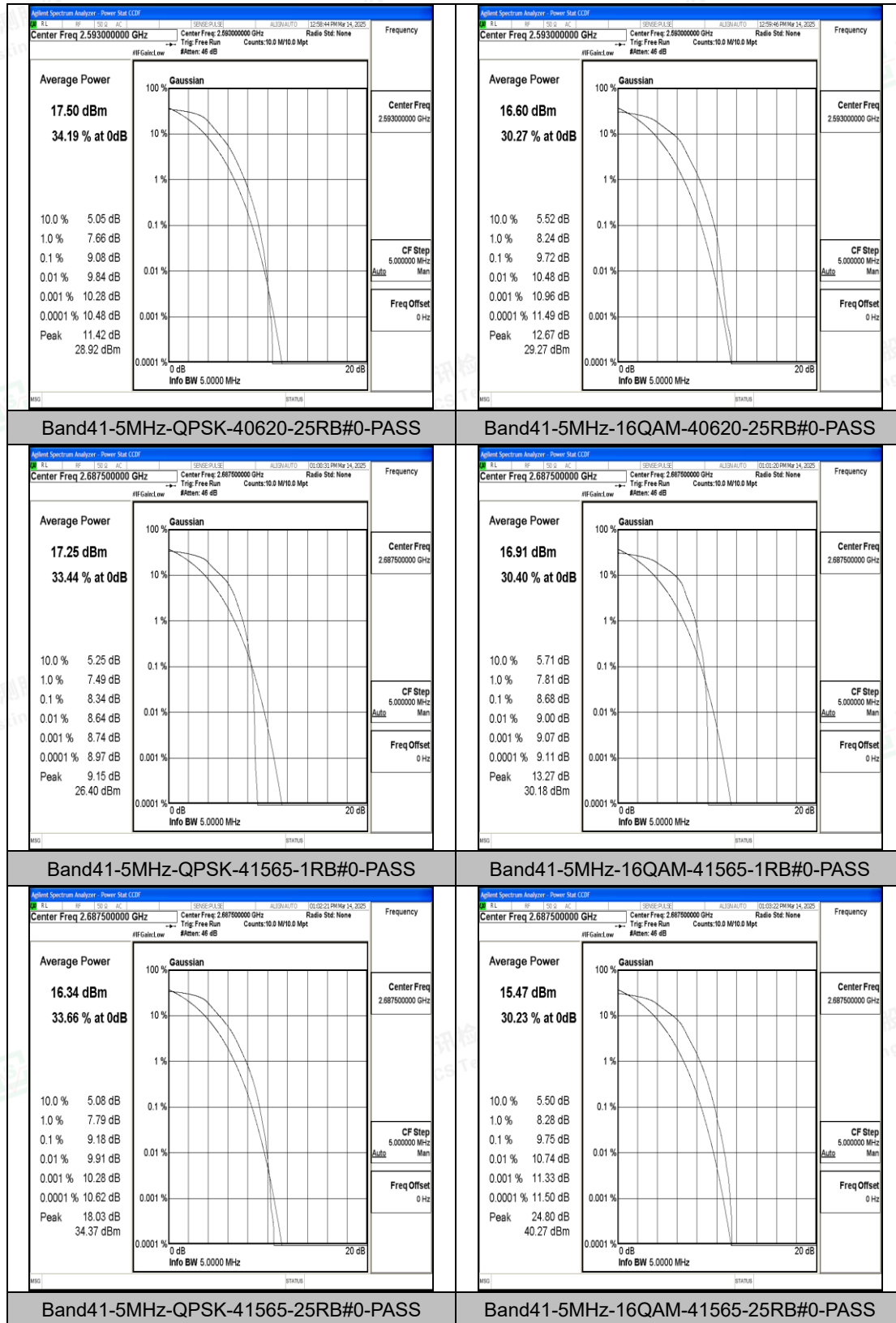


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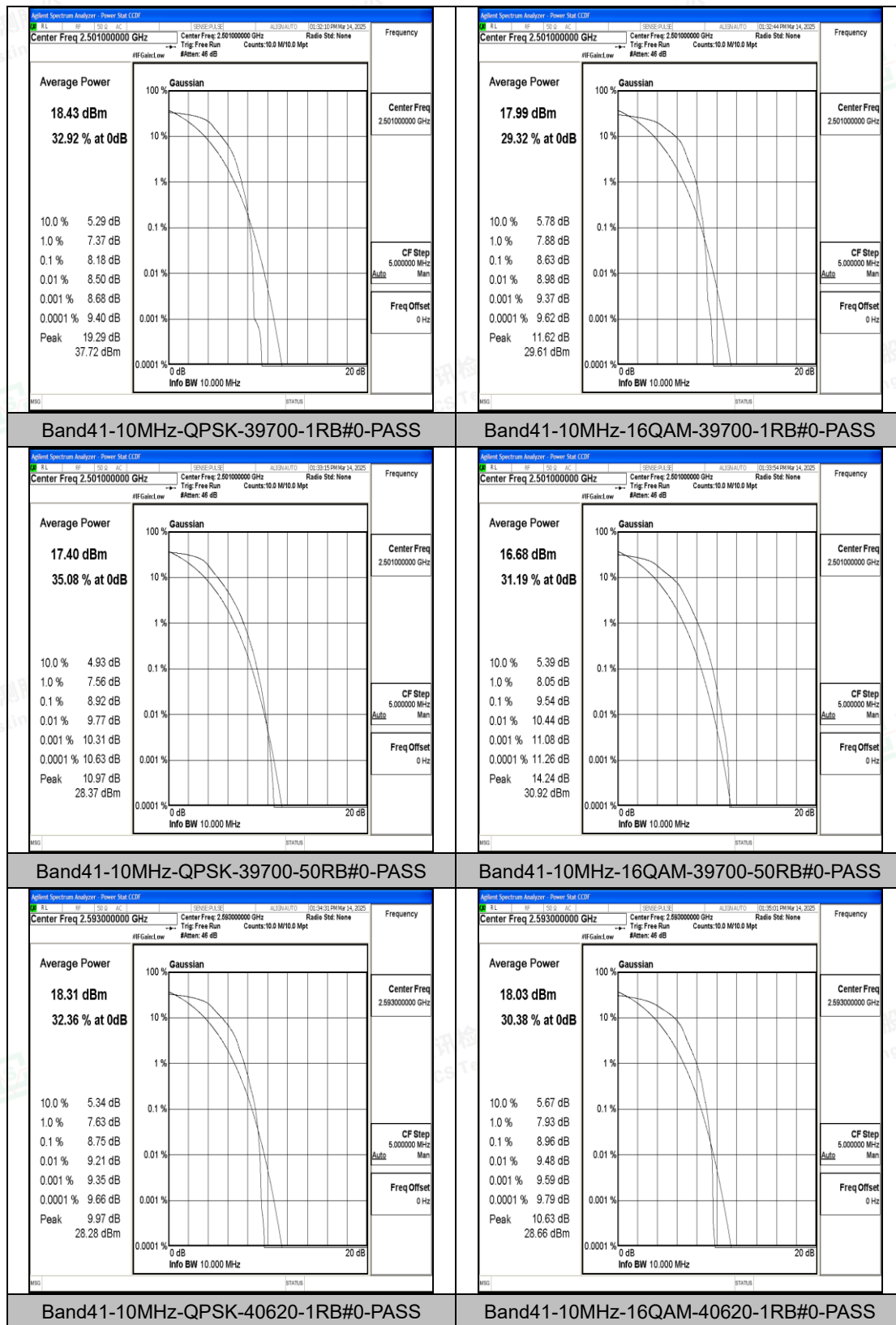


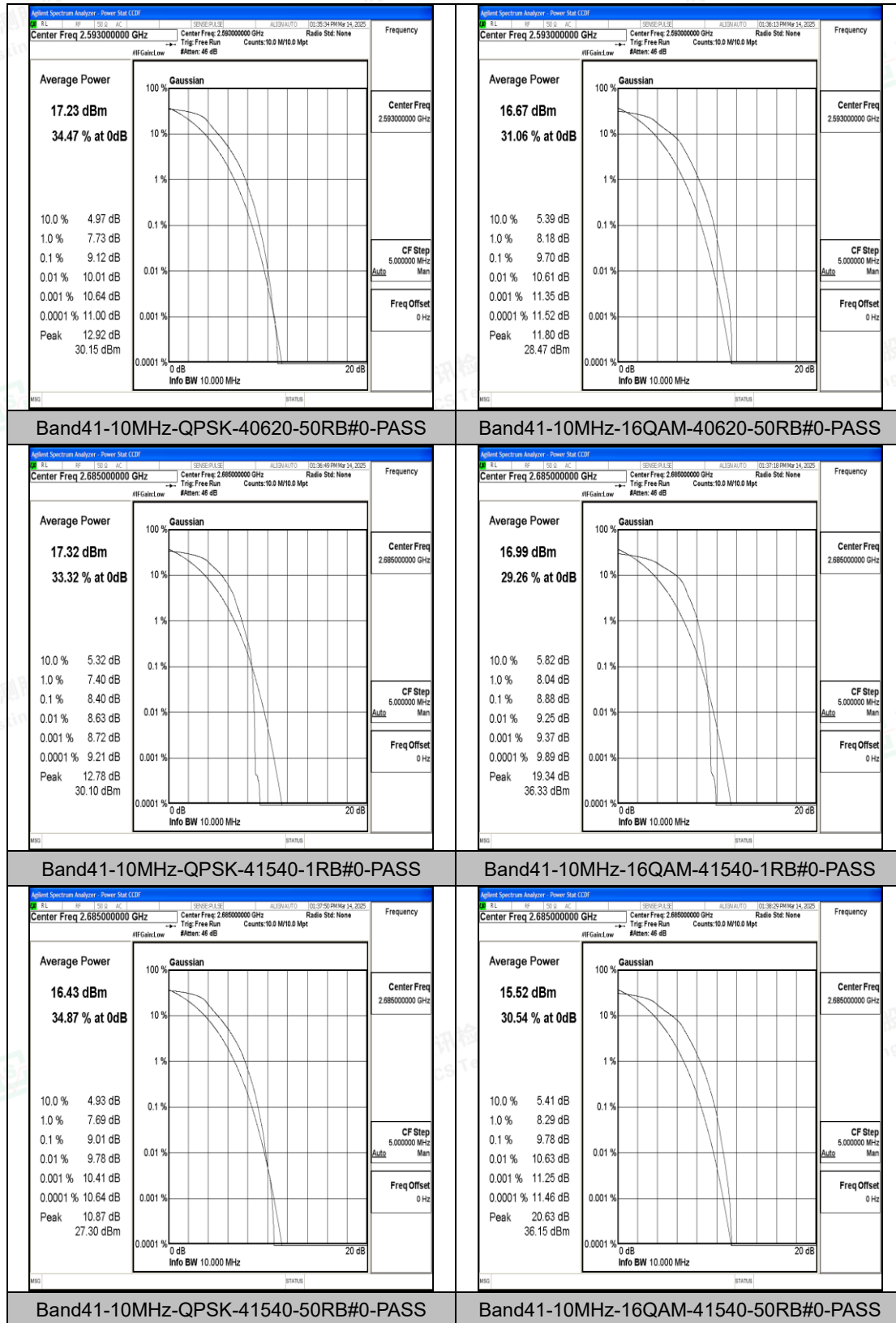
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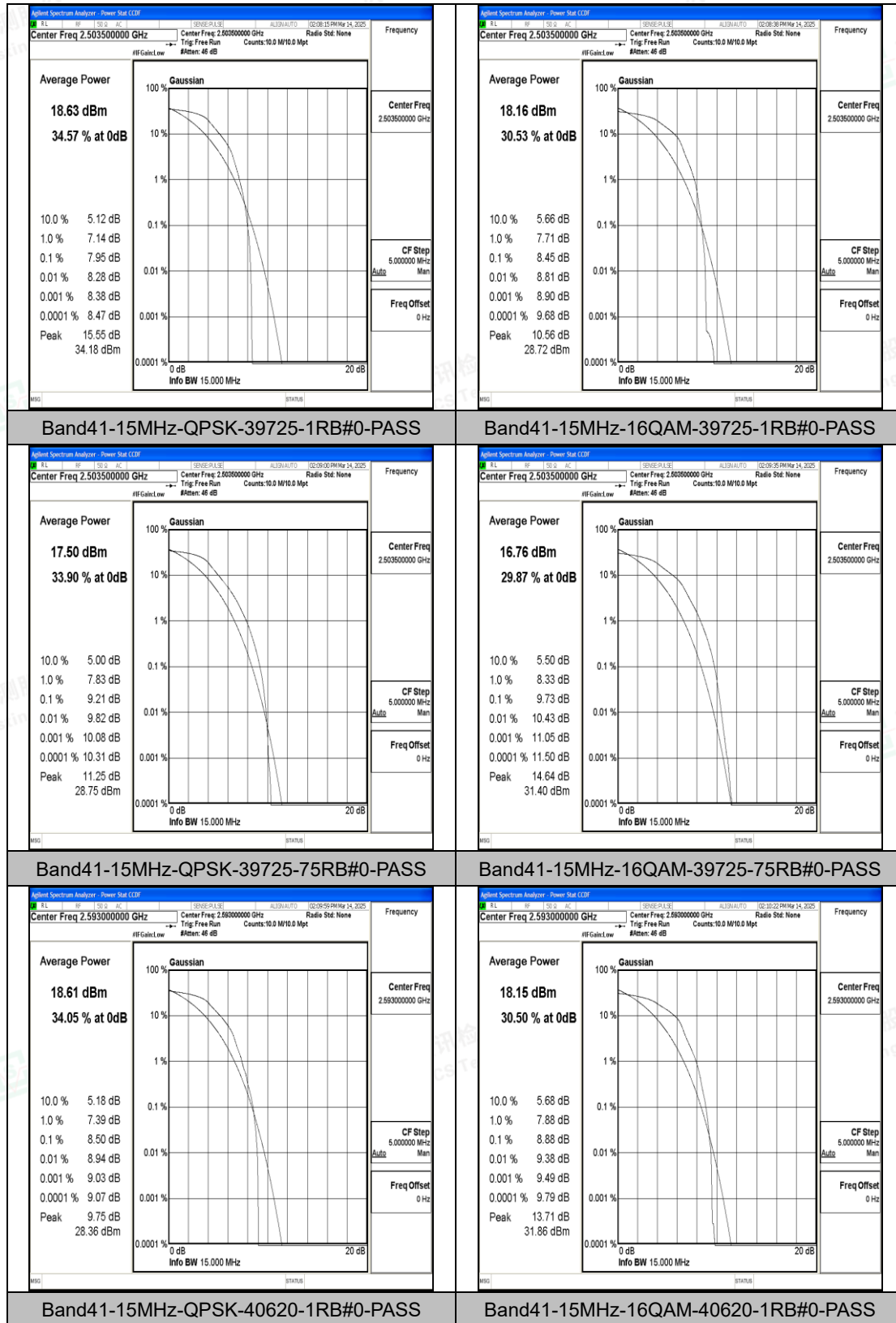
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

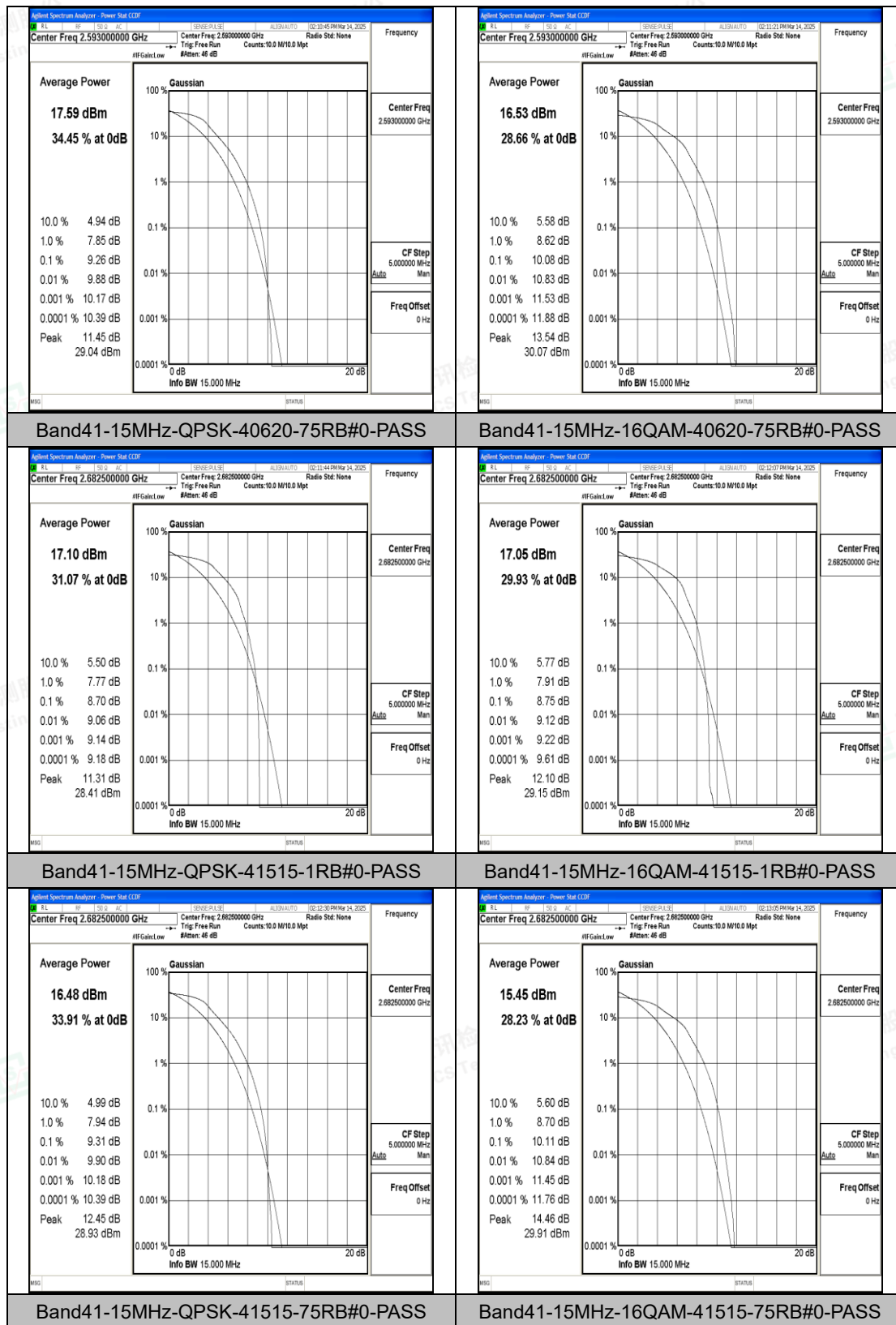
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

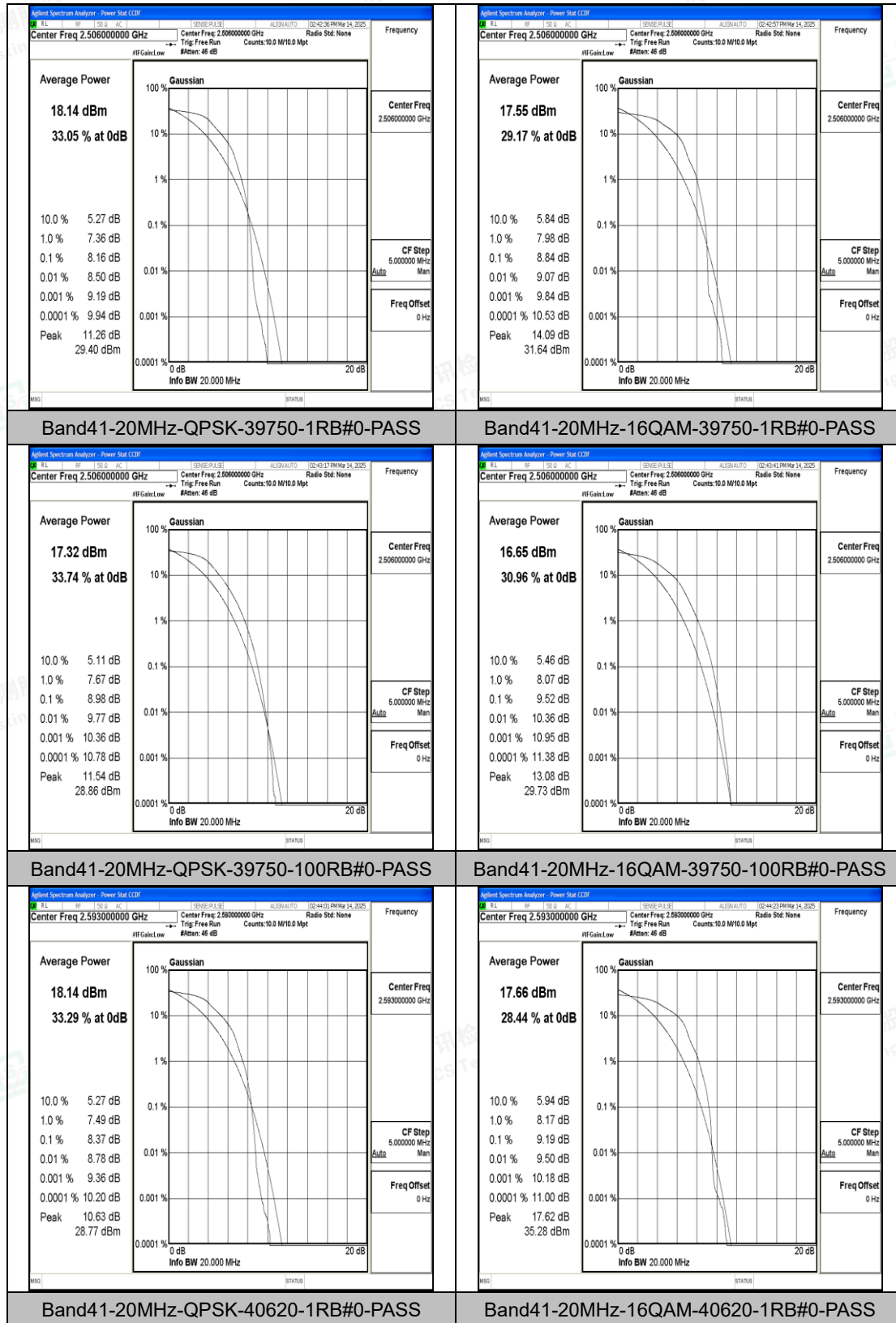
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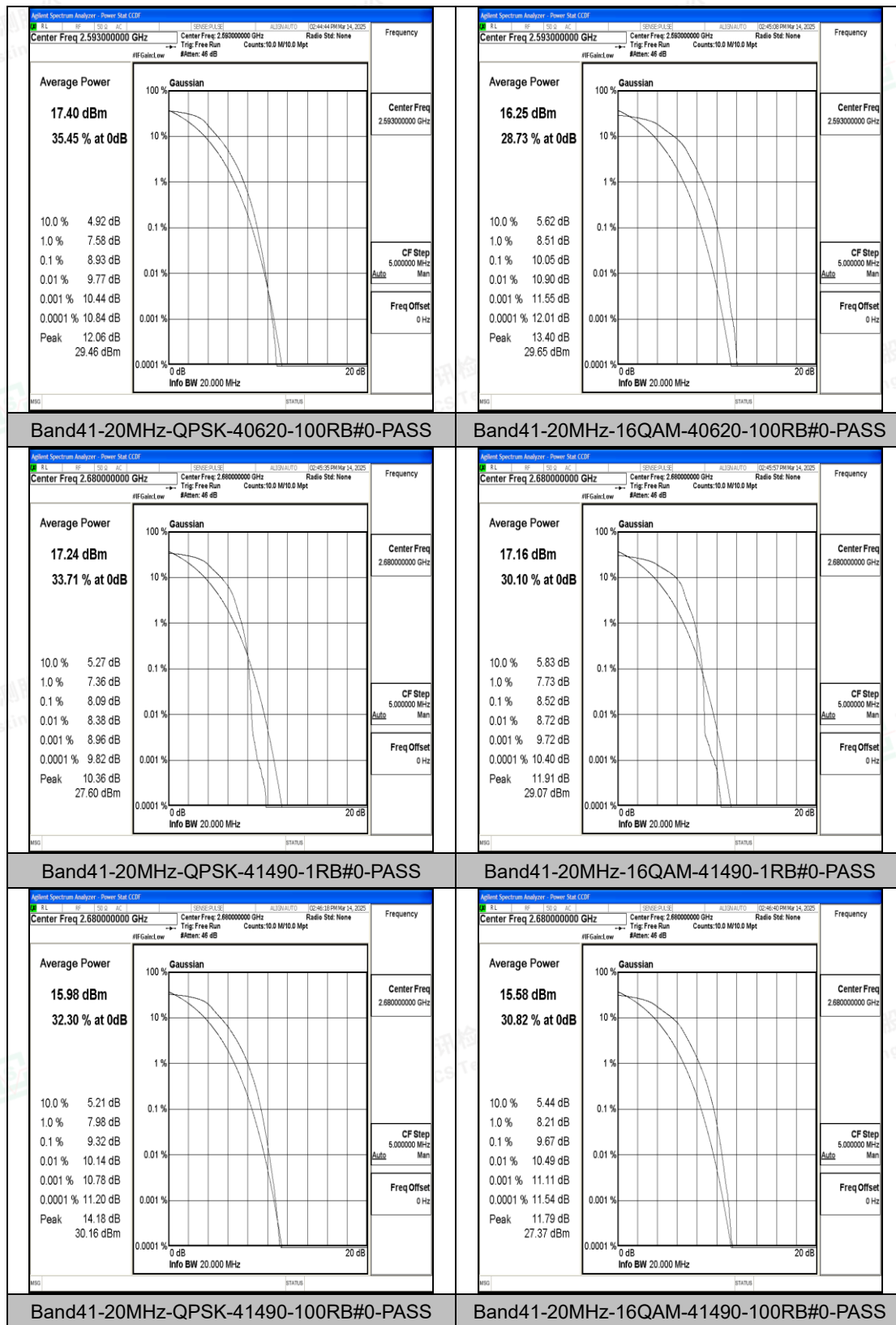














O.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4961	5.261	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5236	5.292	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5145	5.145	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5201	5.336	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5006	5.264	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4957	5.169	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9890	10.03	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9962	9.854	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9898	10.10	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9643	10.03	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0353	10.02	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0089	10.57	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.516	16.13	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.510	15.20	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.545	15.68	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.465	15.43	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.531	15.88	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.455	15.02	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.982	21.06	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.944	20.26	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.030	19.77	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.999	20.93	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.938	20.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.915	20.18	PASS



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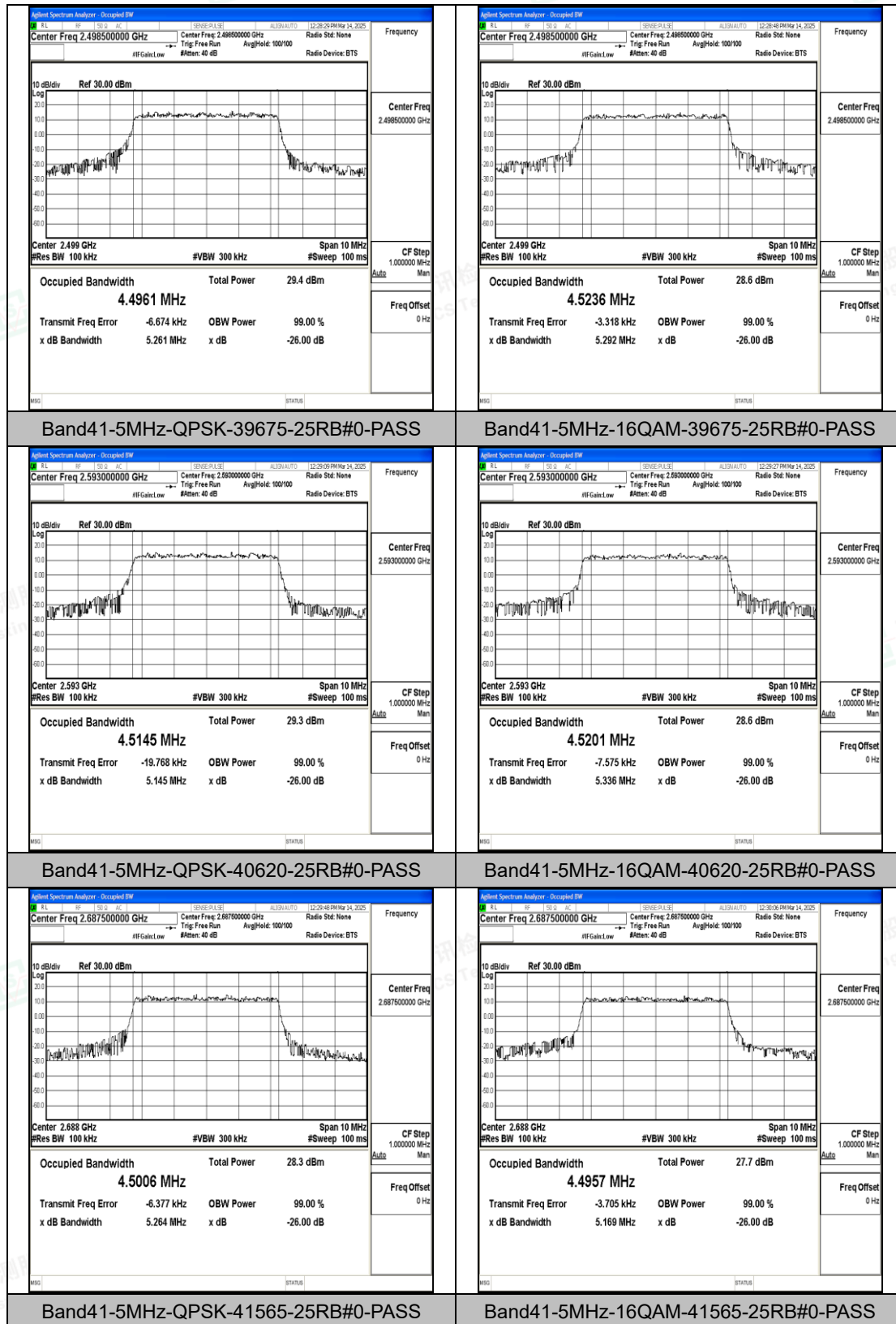
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

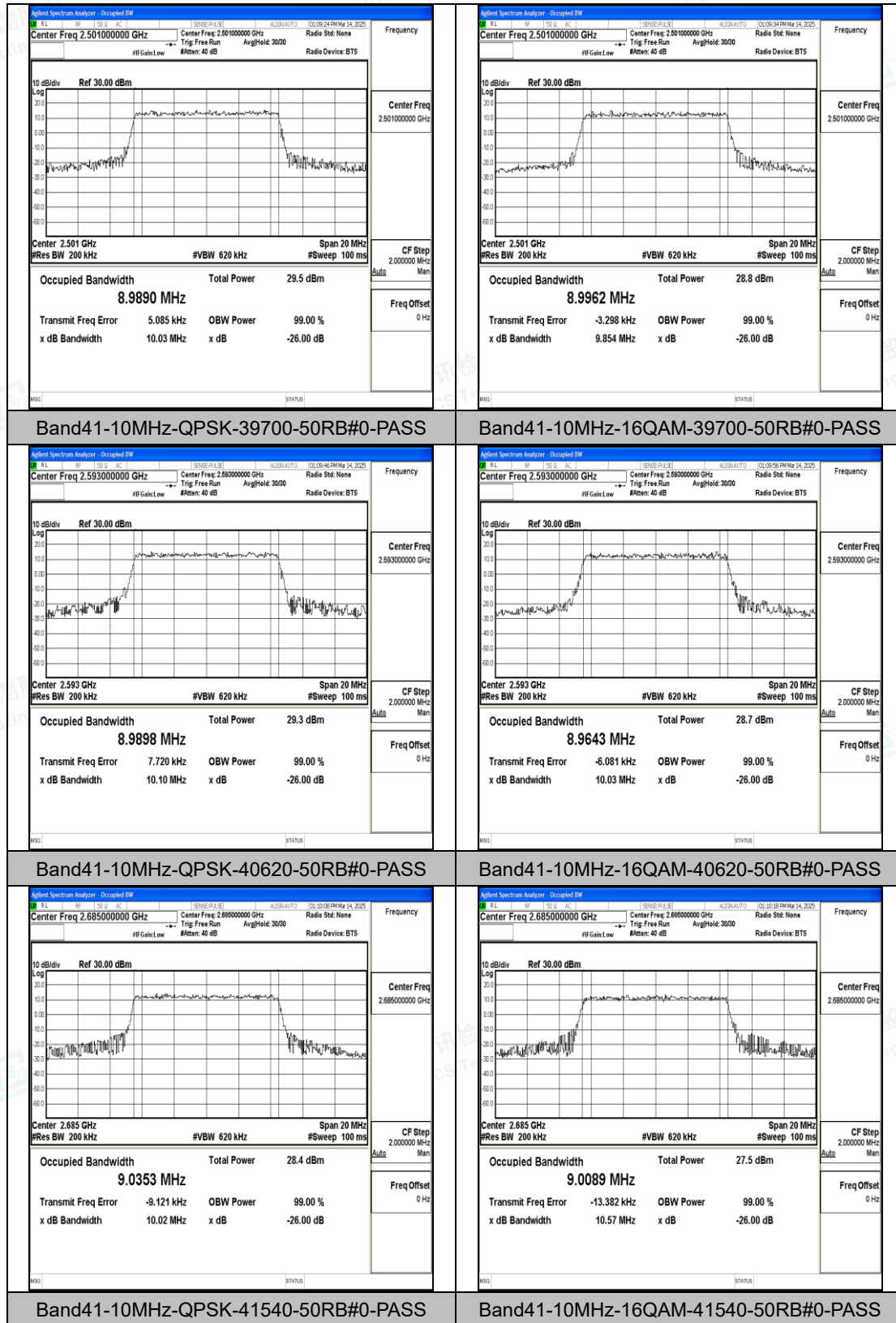
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Test Graphs



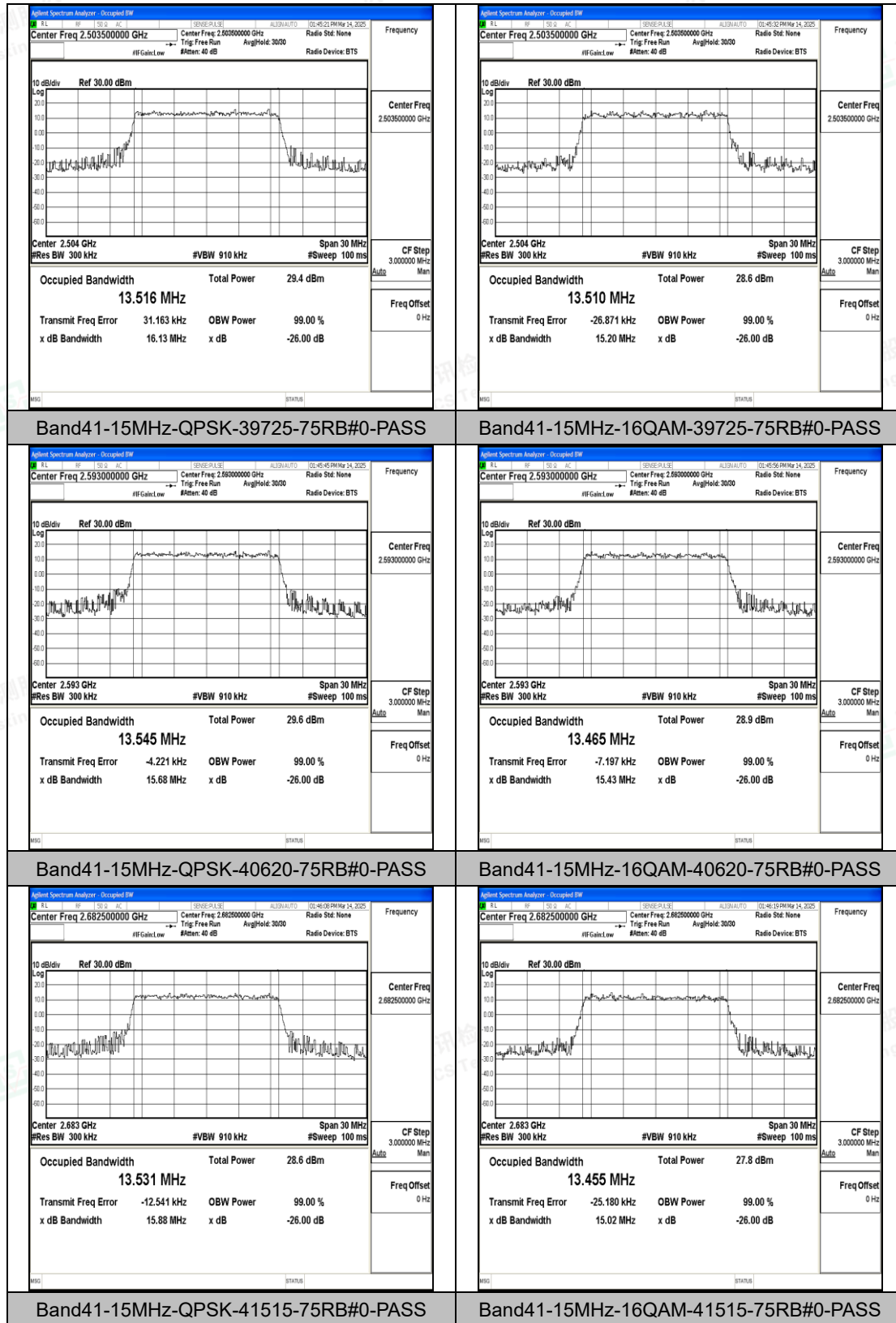


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