



Appendix J: Test Data for E-UTRA Band 13

Product Name: tablet pc

Test Model: TAB10P

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



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J.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.80	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.76	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.02	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.99	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.02	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.03	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.76	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.82	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.76	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.82	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.95	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.92	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.96	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.95	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.92	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.09	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.11	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.33	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.07	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.30	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.07	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.11	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.07	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.08	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.13	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.13	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.08	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.12	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.04	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.09	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.28	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.25	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.16	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.14	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.16	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.25	PASS



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Band13	5MHz	QPSK	23255	12RB#6	23.16	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.20	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.17	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.21	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.17	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.27	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.82	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.96	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.27	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.49	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.06	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.28	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.04	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.06	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.06	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.11	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.20	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.23	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.10	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.10	PASS



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

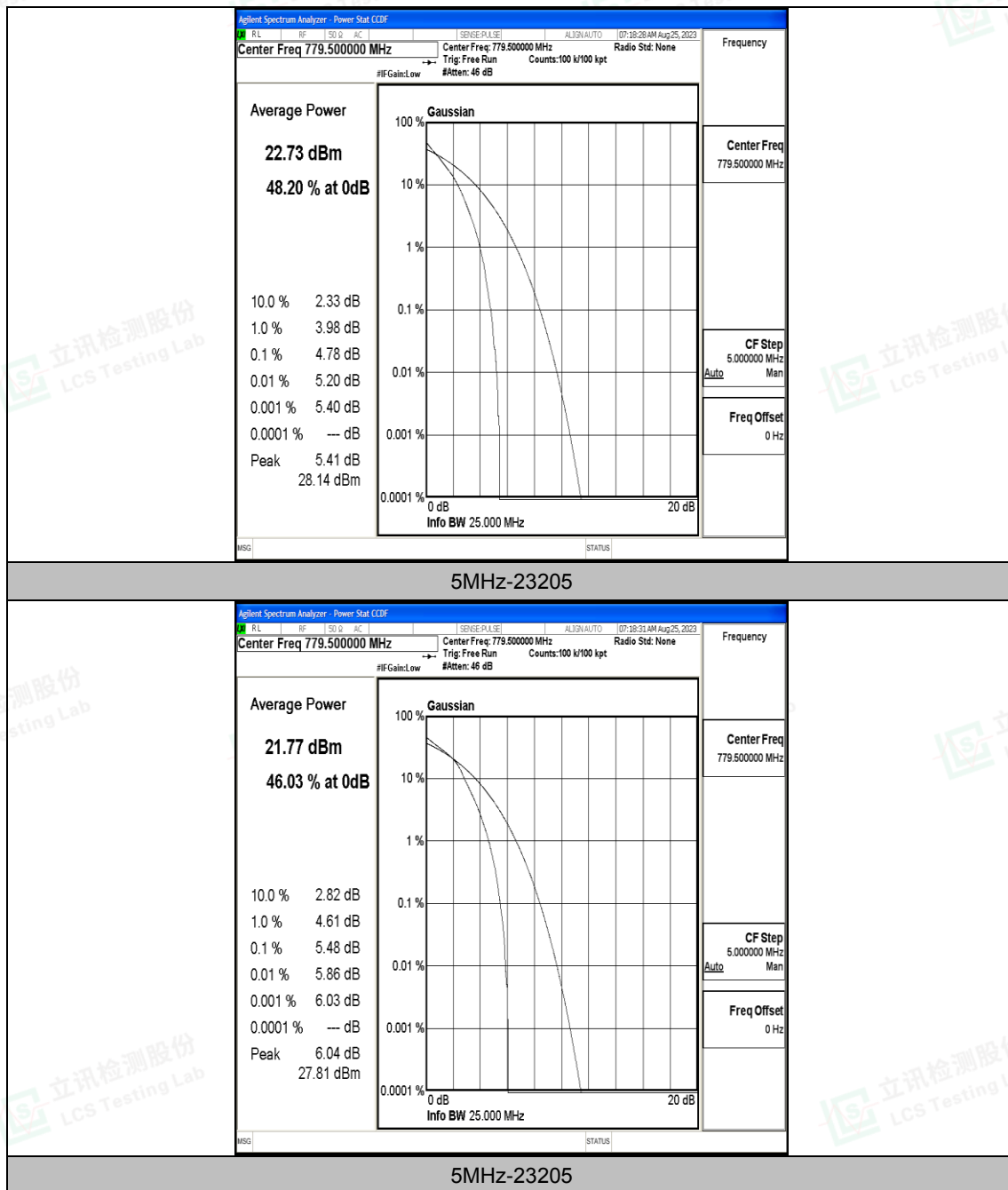
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.78	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.48	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.17	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.01	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.37	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.05	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.07	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.80	13	PASS





Test Graphs

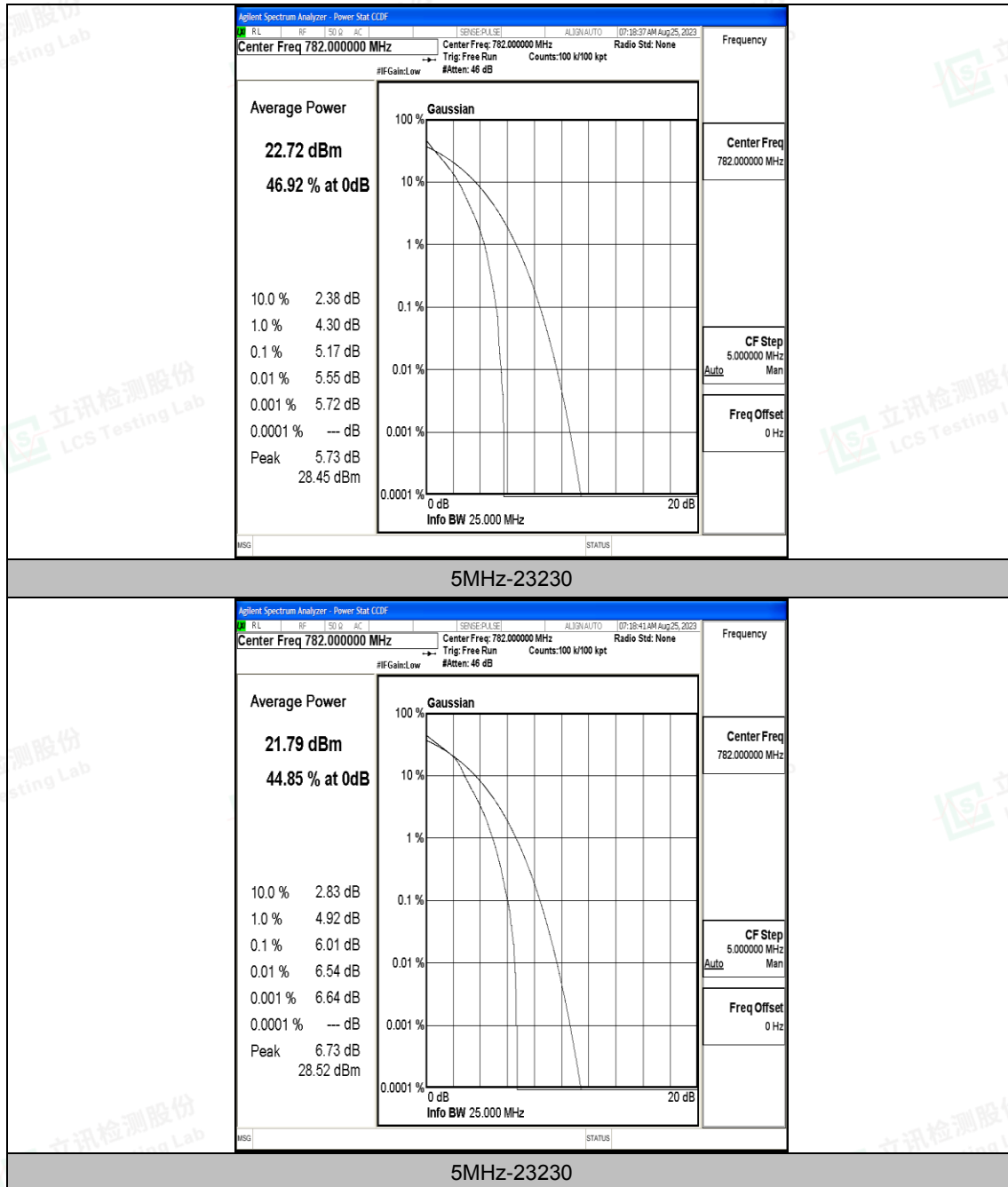


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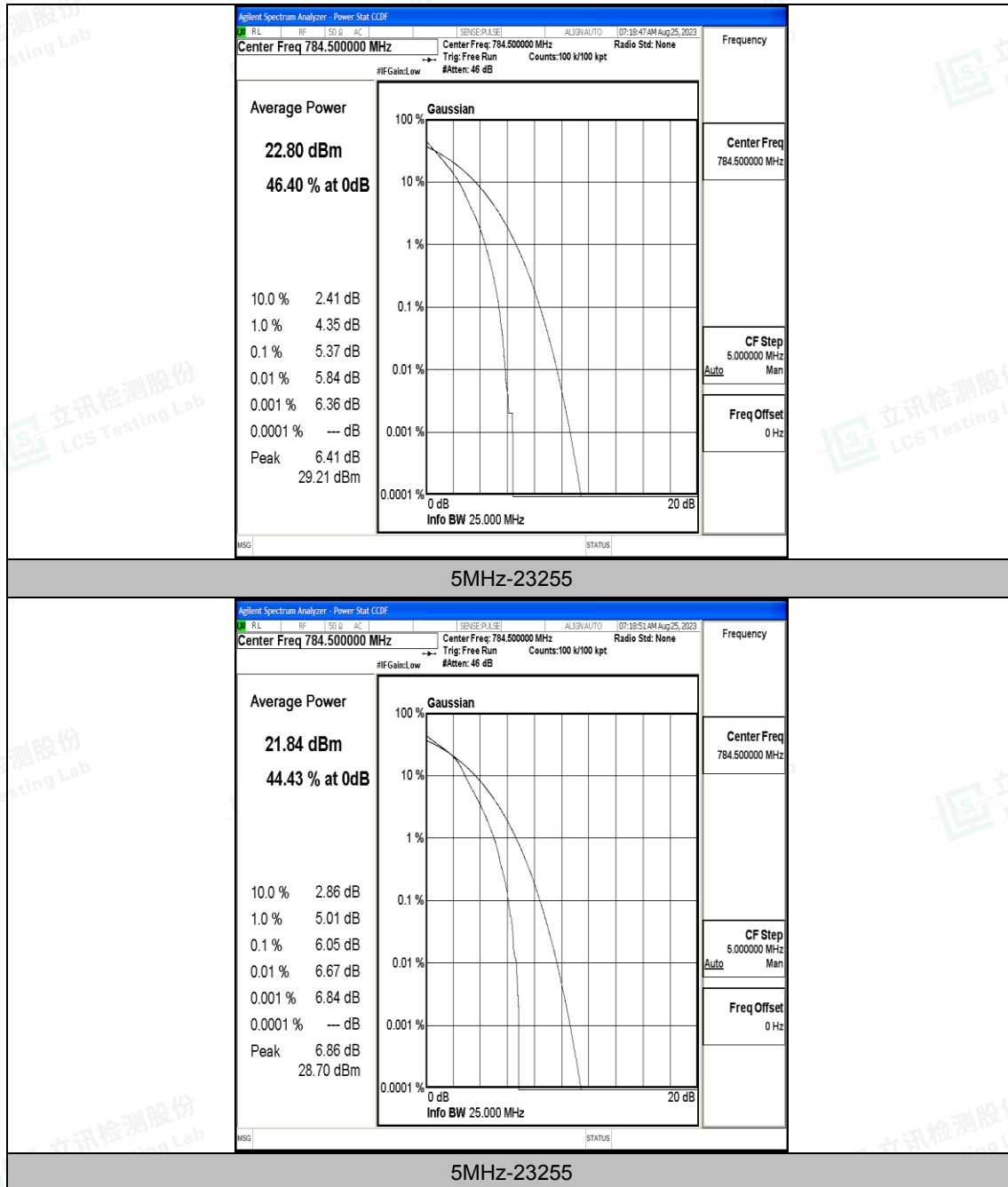


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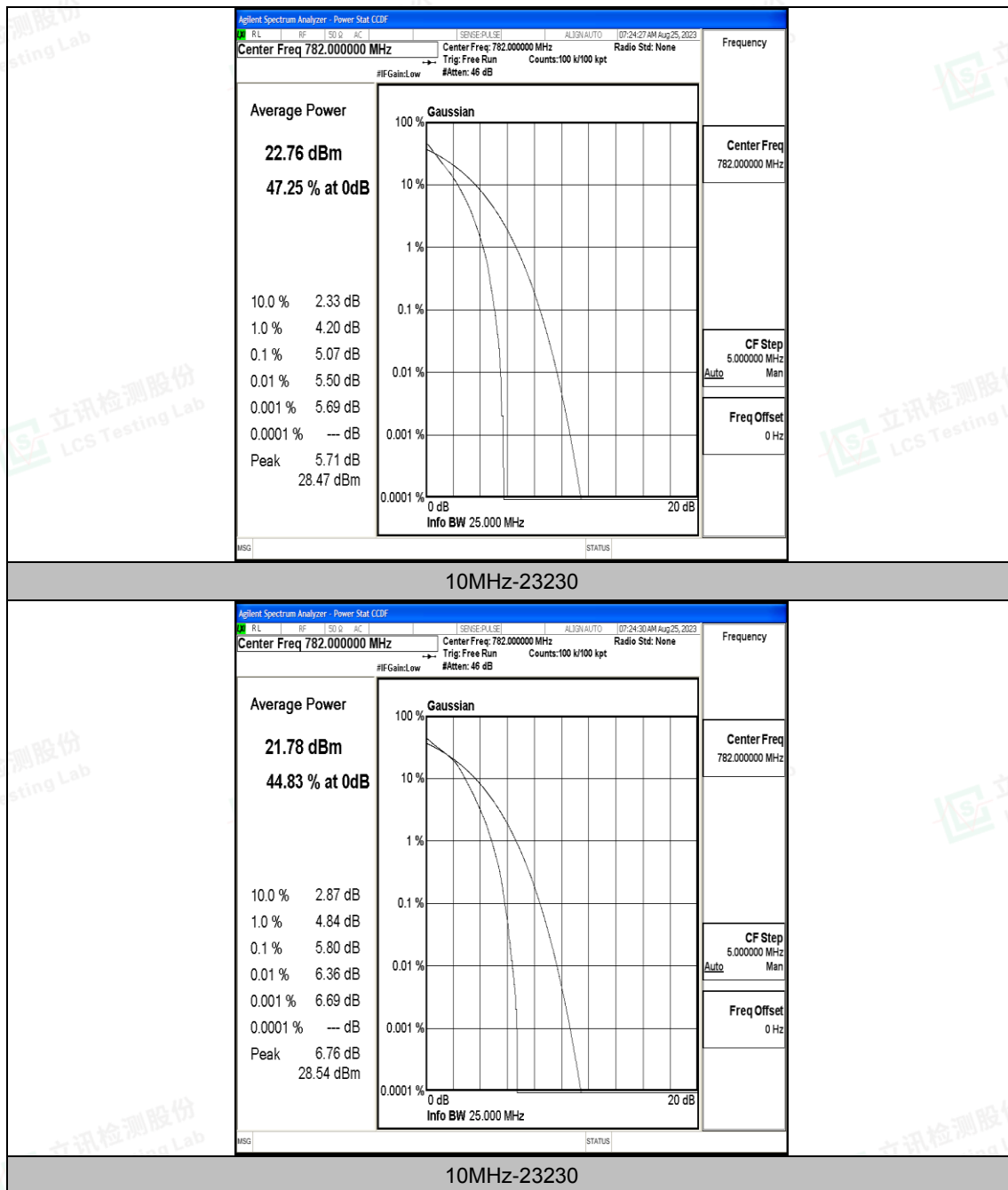


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J.3 26dB Bandwidth and Occupied Bandwidth

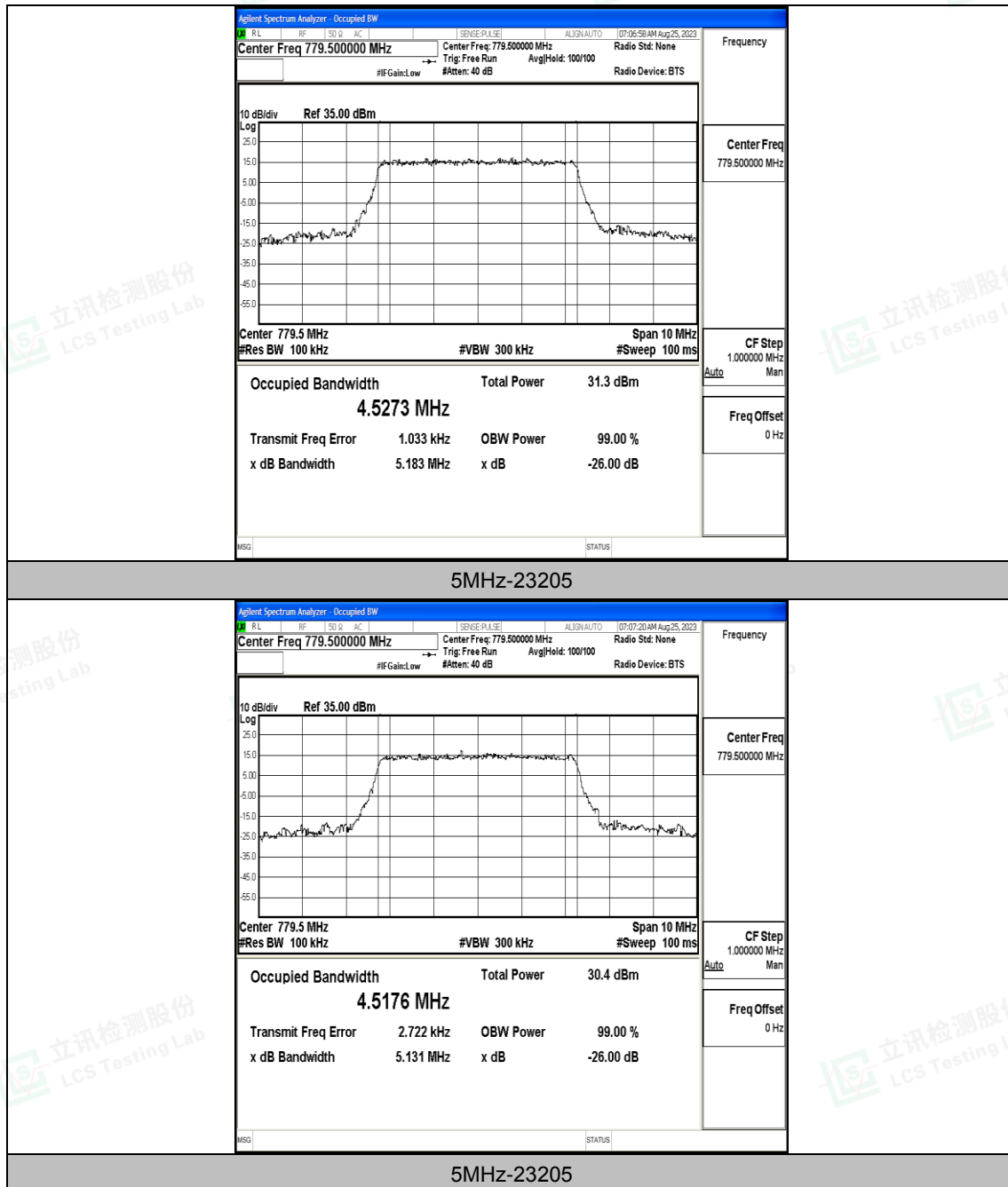
Test Result

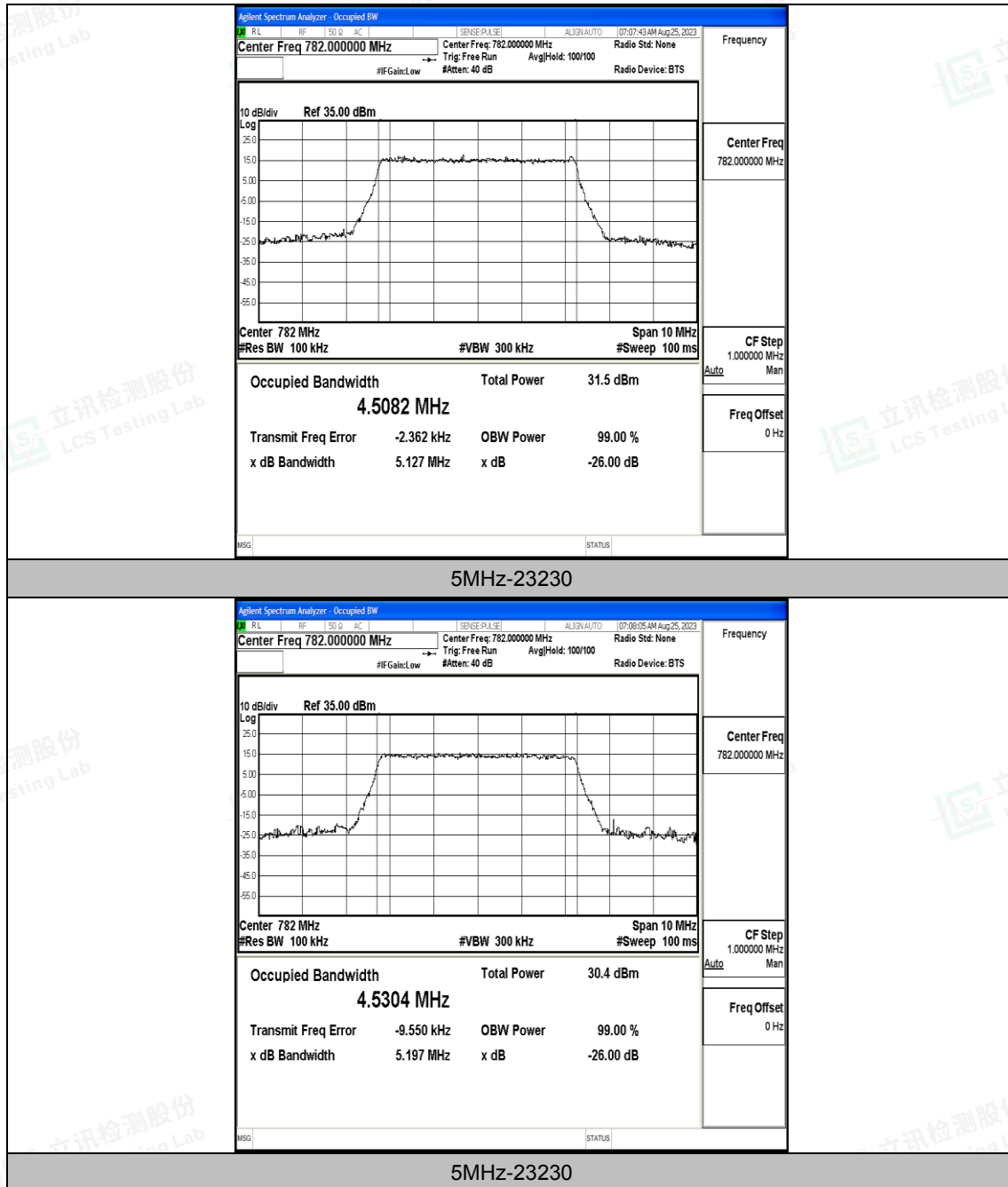
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5273	5.183	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5176	5.131	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5082	5.127	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5304	5.197	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5178	5.139	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5280	5.195	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0102	10.26	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9985	9.967	PASS

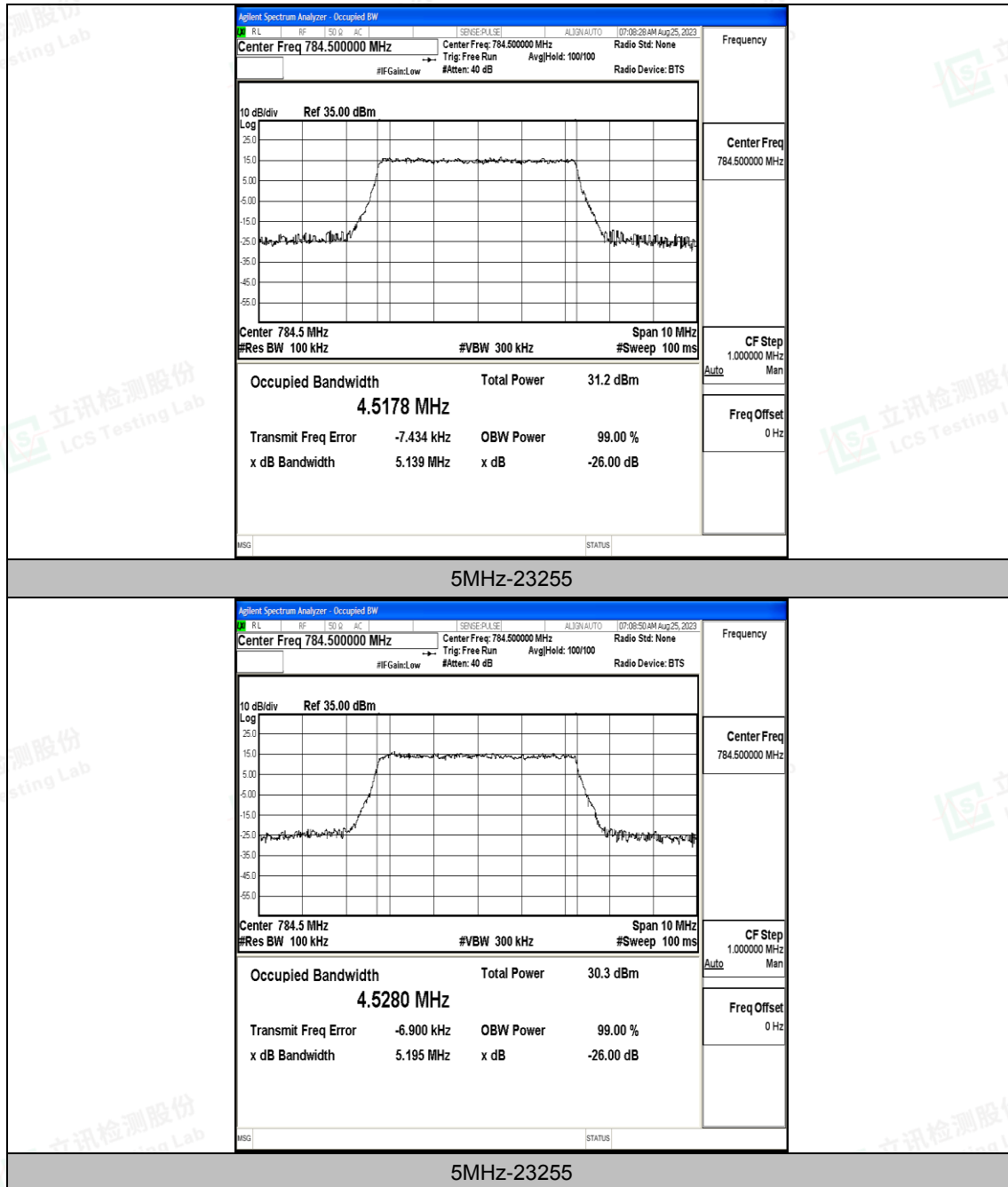




Test Graphs





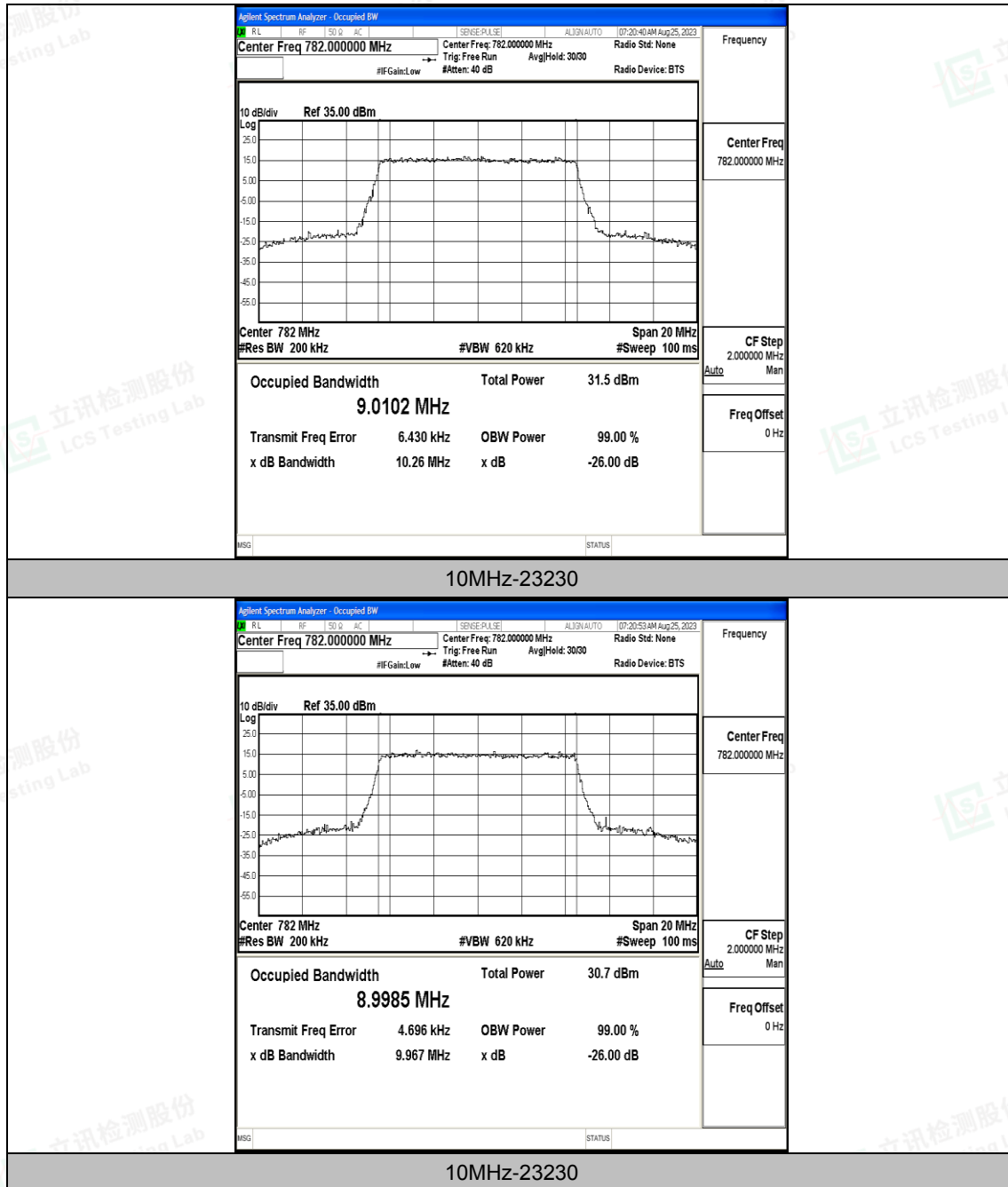


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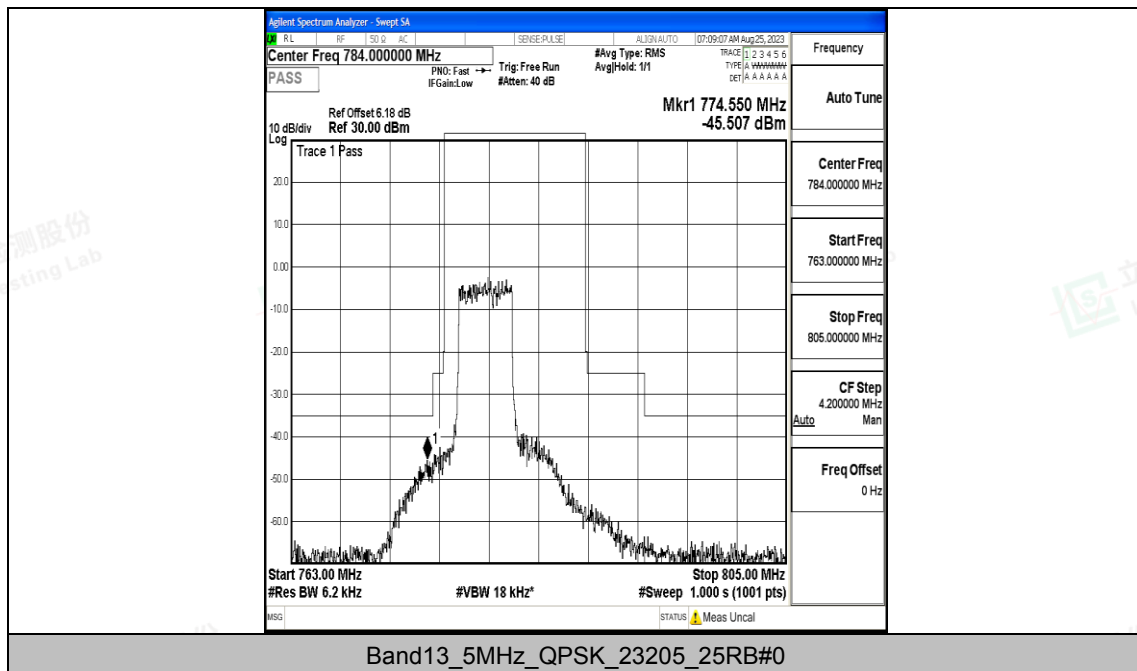


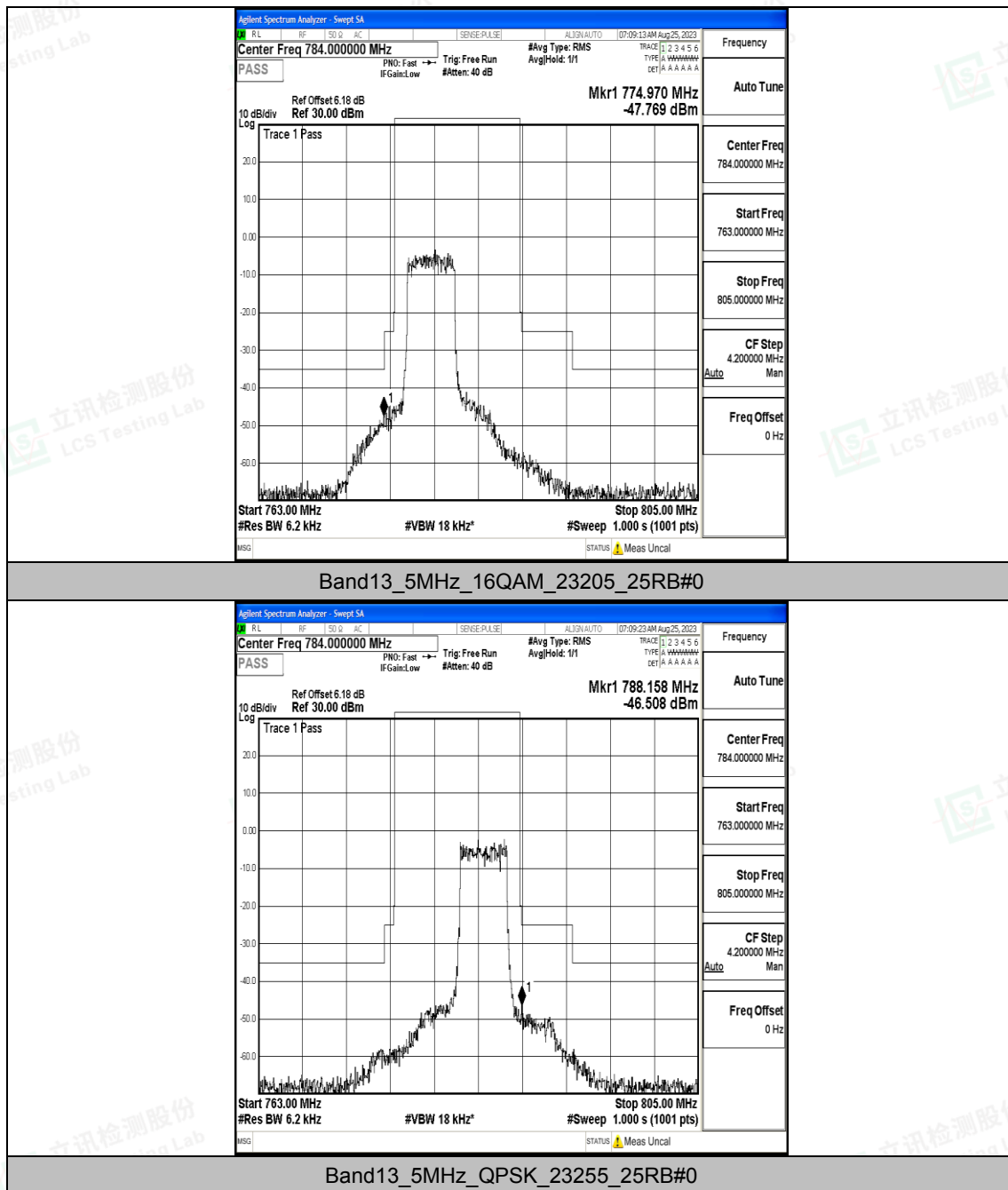
J.4 Band Edge

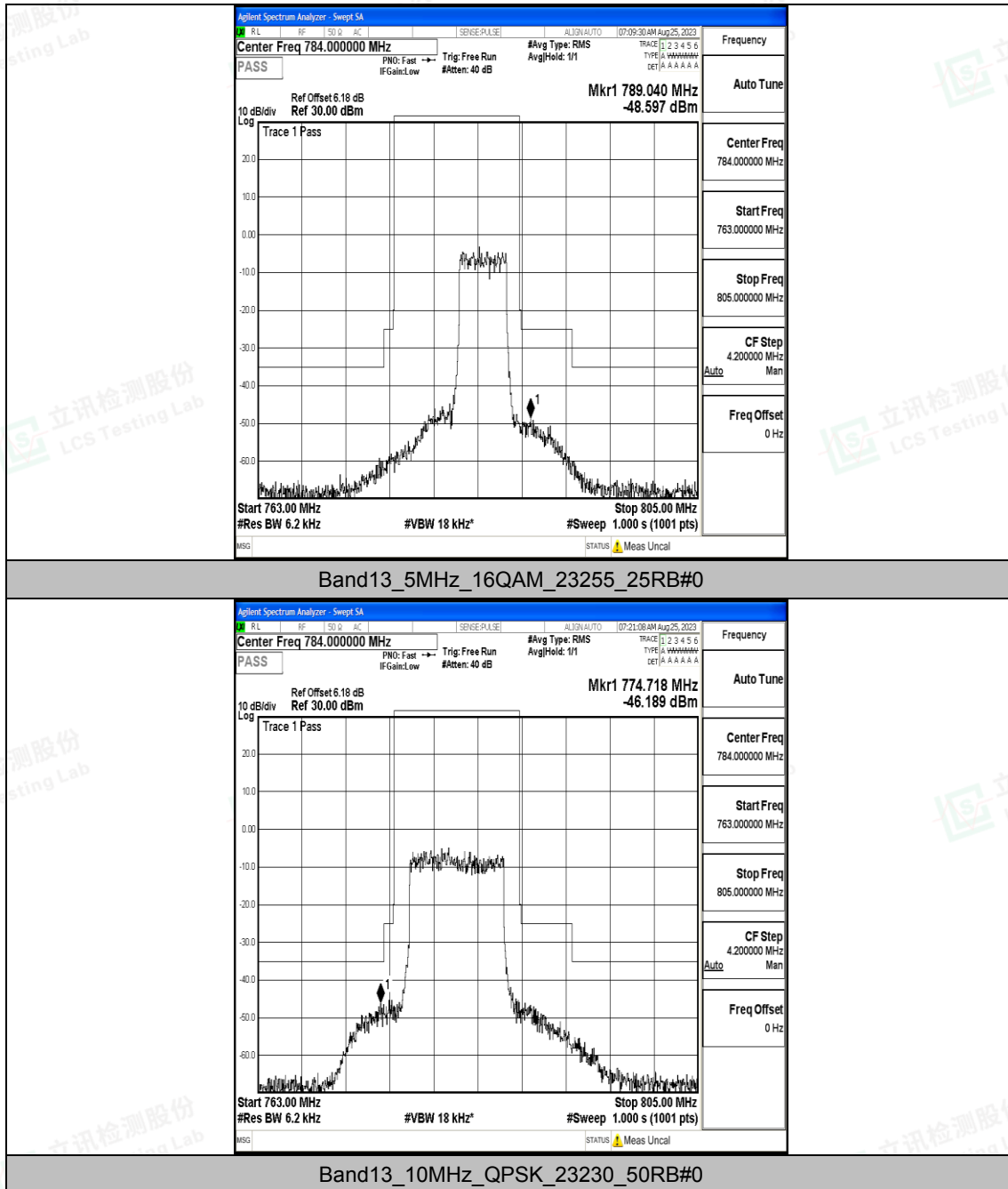
Test Result

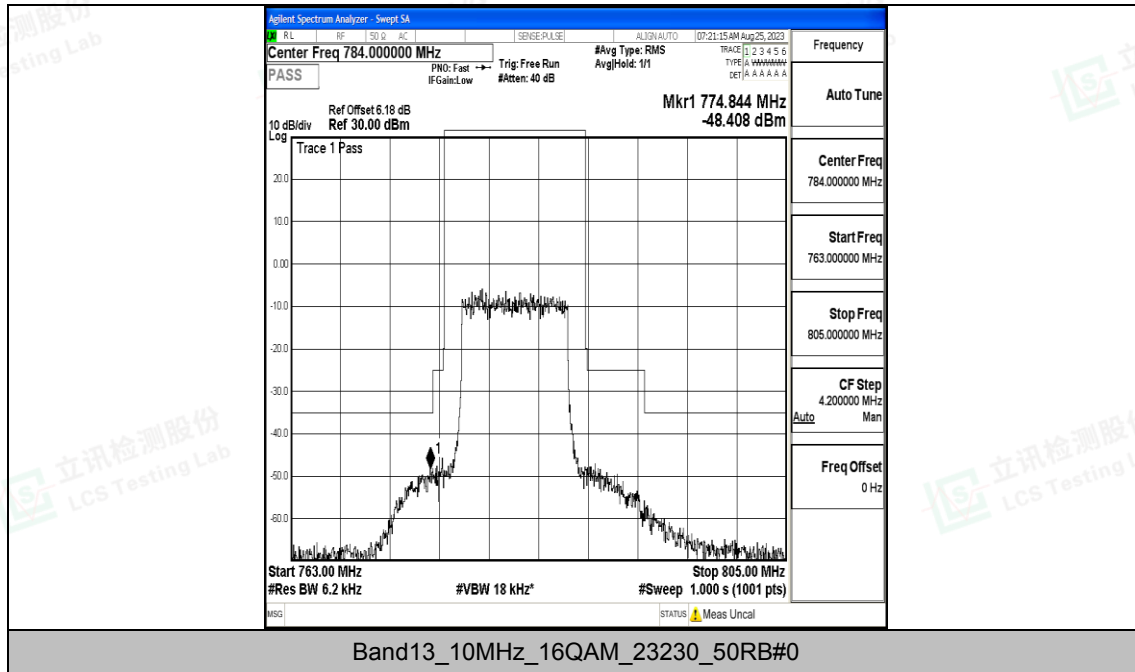
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.55	-45.51	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.97	-47.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.16	-46.51	PASS
Band13	5MHz	16QAM	23255	25RB#0	789.04	-48.60	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.72	-46.19	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.84	-48.41	PASS

Test Graphs









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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-53.18	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-53.01	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-62.77	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-41.70	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-44.39	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-55.05	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-51.14	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-62.62	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-41.82	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-44.02	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-53.99	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-52.90	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-62.81	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-41.28	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-43.89	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-55.00	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-51.87	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-62.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-41.90	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-44.35	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-52.46	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-52.17	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-62.62	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-41.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-44.16	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-53.67	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-54.29	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-62.58	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-42.79	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-44.06	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-53.36	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.61	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-62.86	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-41.03	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-44.44	PASS



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Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-55.04	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-53.41	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-62.61	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-40.52	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-44.35	PASS

Test Graphs

