



Appendix I: Test Data for E-UTRA Band 13

Product Name: myFirst Fone R2

Test Model: KW1306

Environmental Conditions

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



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I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.25	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.93	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.30	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.94	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.16	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.89	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.38	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.66	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.37	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.65	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.34	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.55	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.33	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.90	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.71	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.04	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.71	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.88	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.61	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.32	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.74	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.32	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.52	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.27	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.46	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.26	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.42	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.16	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.84	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.08	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.10	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.20	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.25	PASS



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Band13	5MHz	16QAM	23255	12RB#0	22.43	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.20	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.45	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.09	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.35	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.15	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.51	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.70	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.02	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.62	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.91	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.35	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.75	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.87	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.17	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.89	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.16	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.73	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.94	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.85	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.01	PASS



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

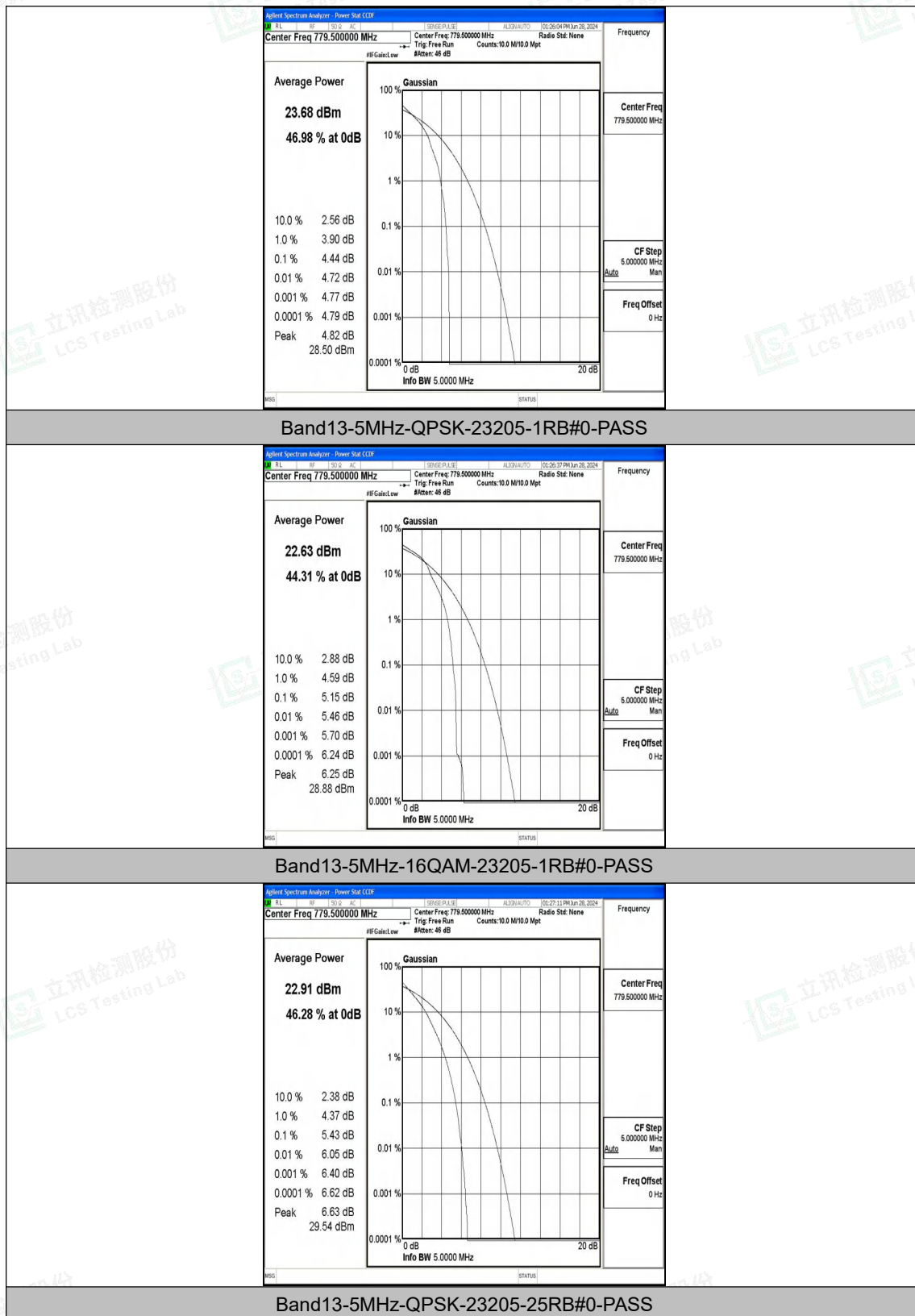
Test Result

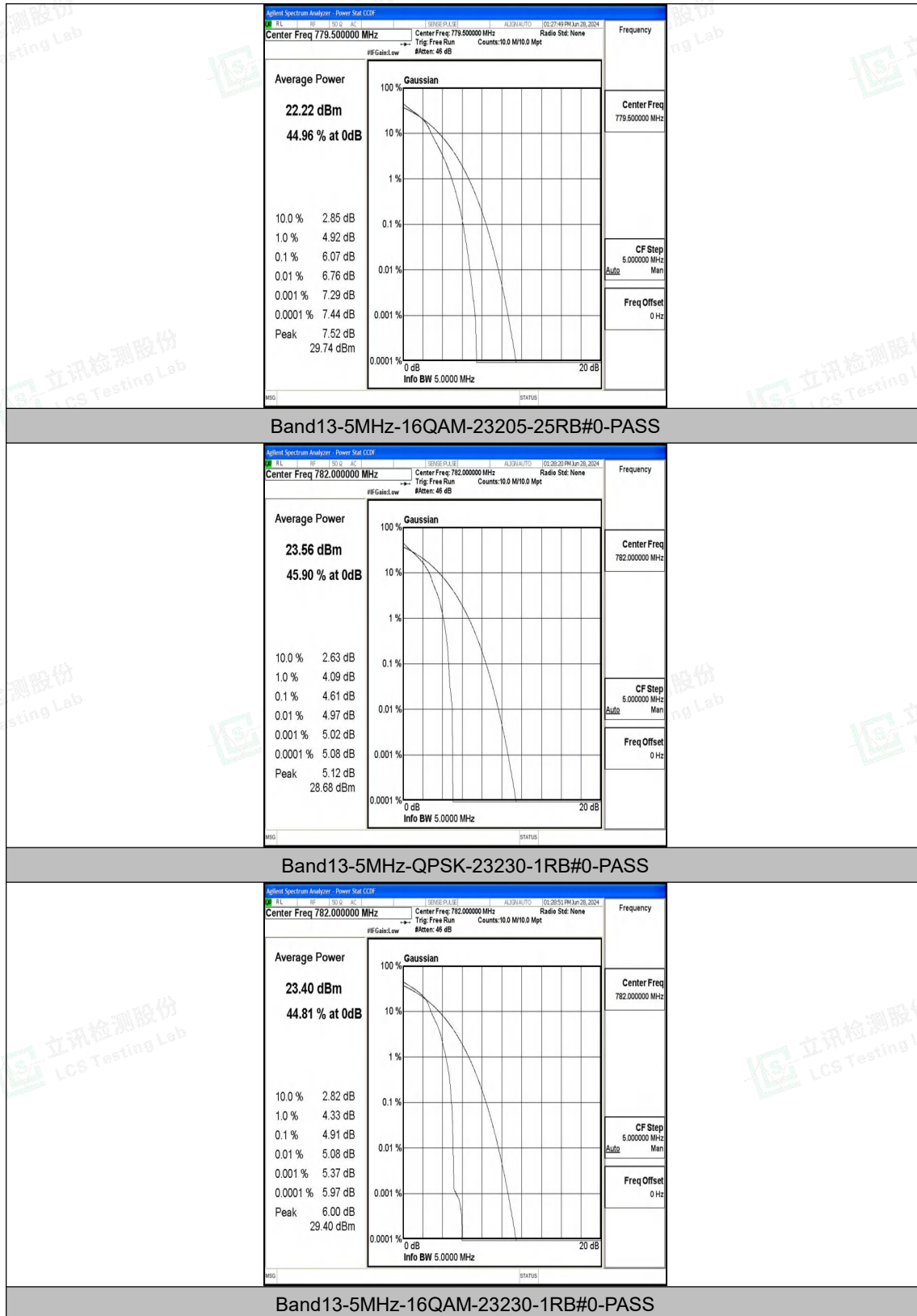
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.44	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.15	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.43	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.07	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.61	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.91	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.45	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.12	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.69	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.23	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.44	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.10	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.39	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.08	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.44	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.10	13	PASS

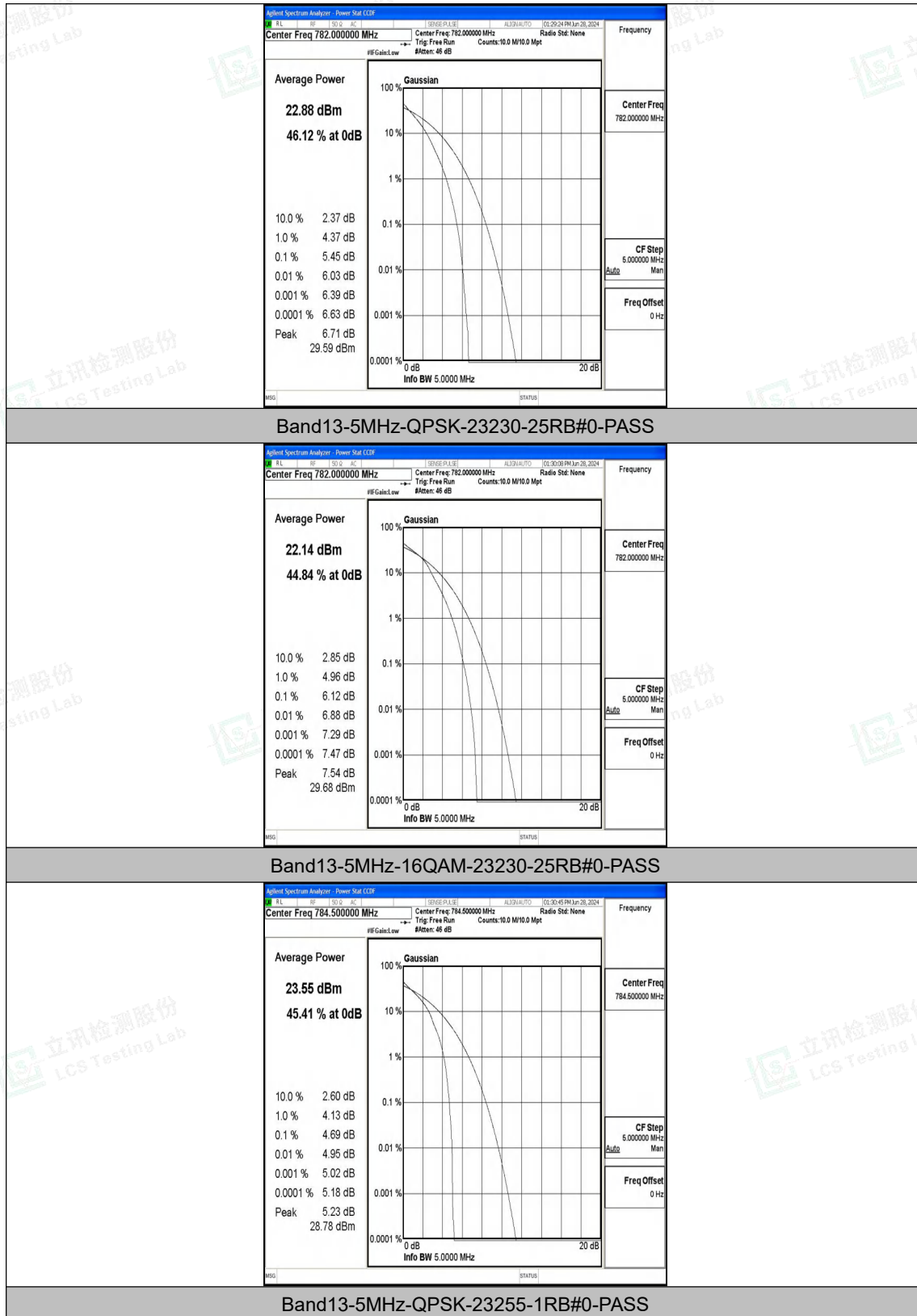




Test Graphs





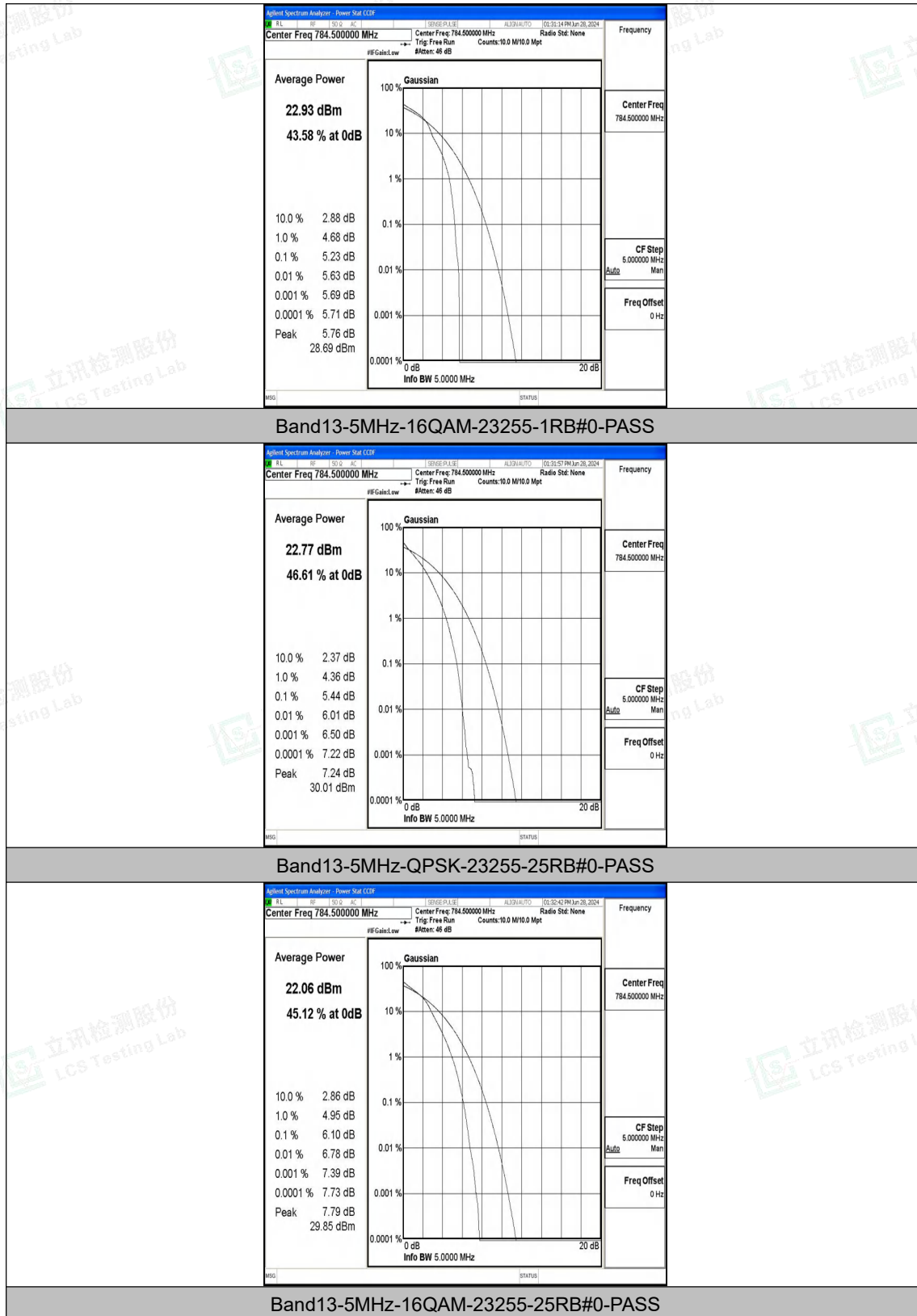


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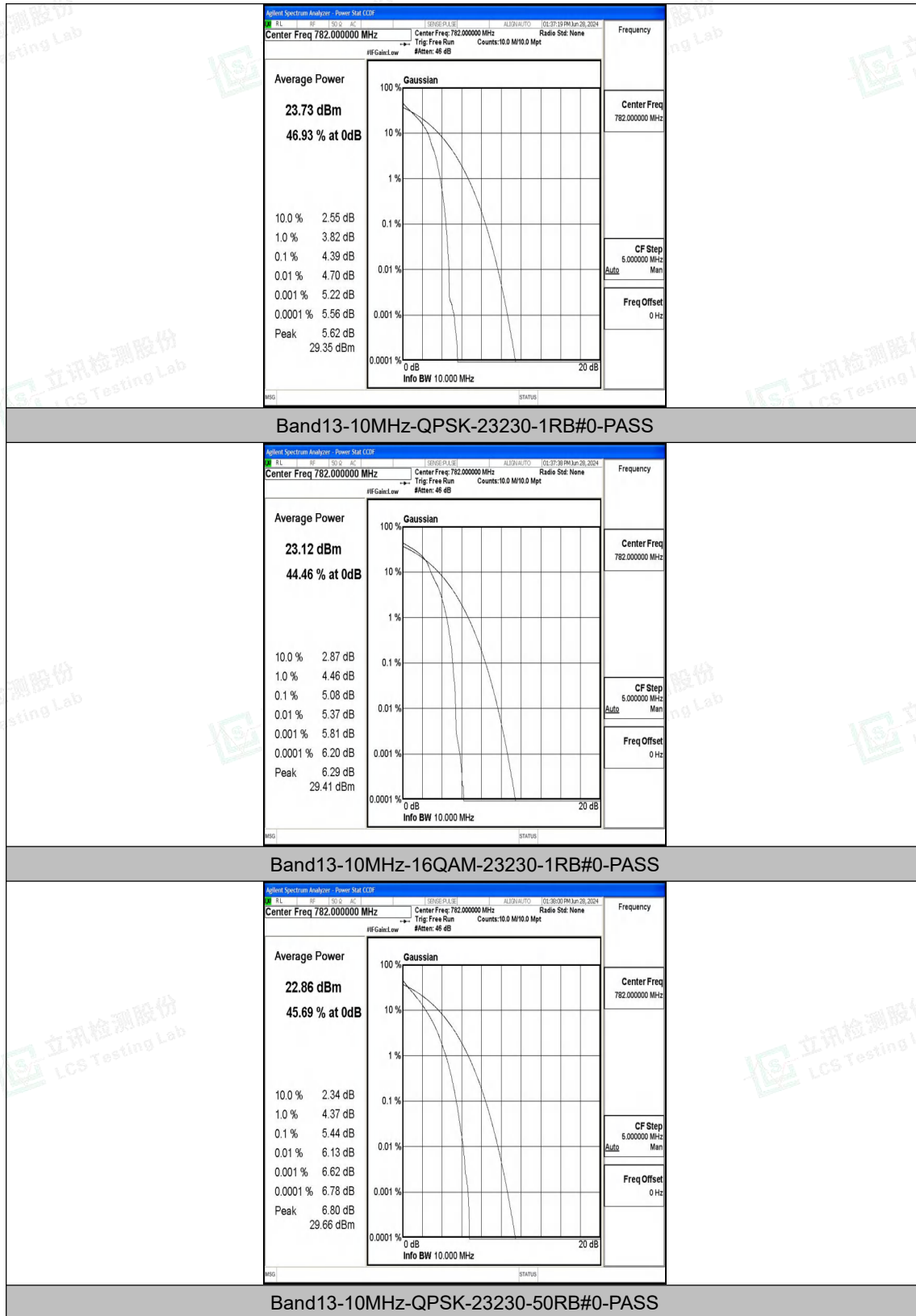


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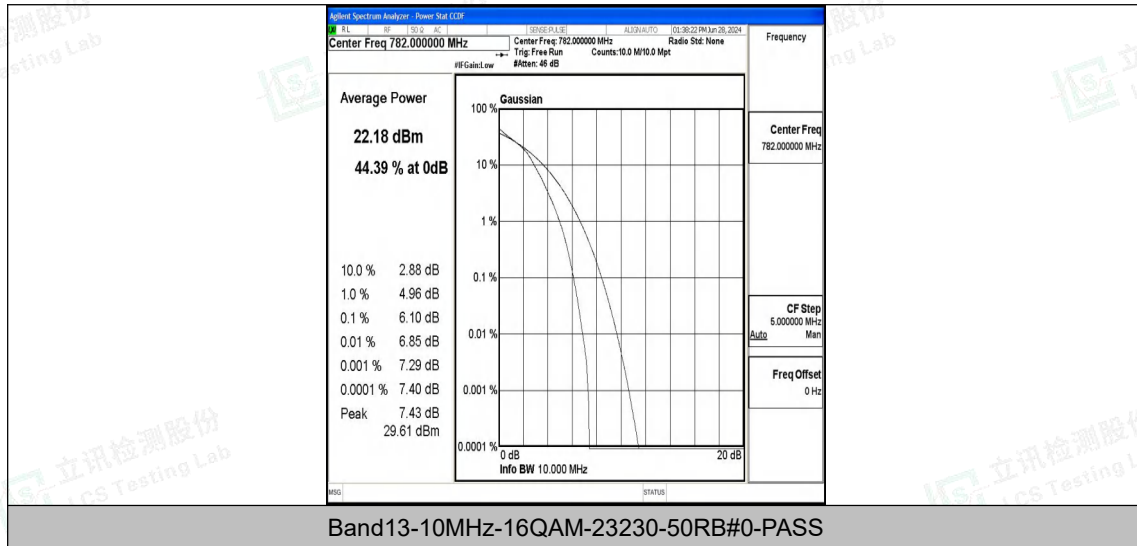


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I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5142	5.295	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5192	5.276	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5168	5.365	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5281	5.410	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5093	5.177	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5343	5.366	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9939	10.01	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9886	10.10	PASS





Test Graphs

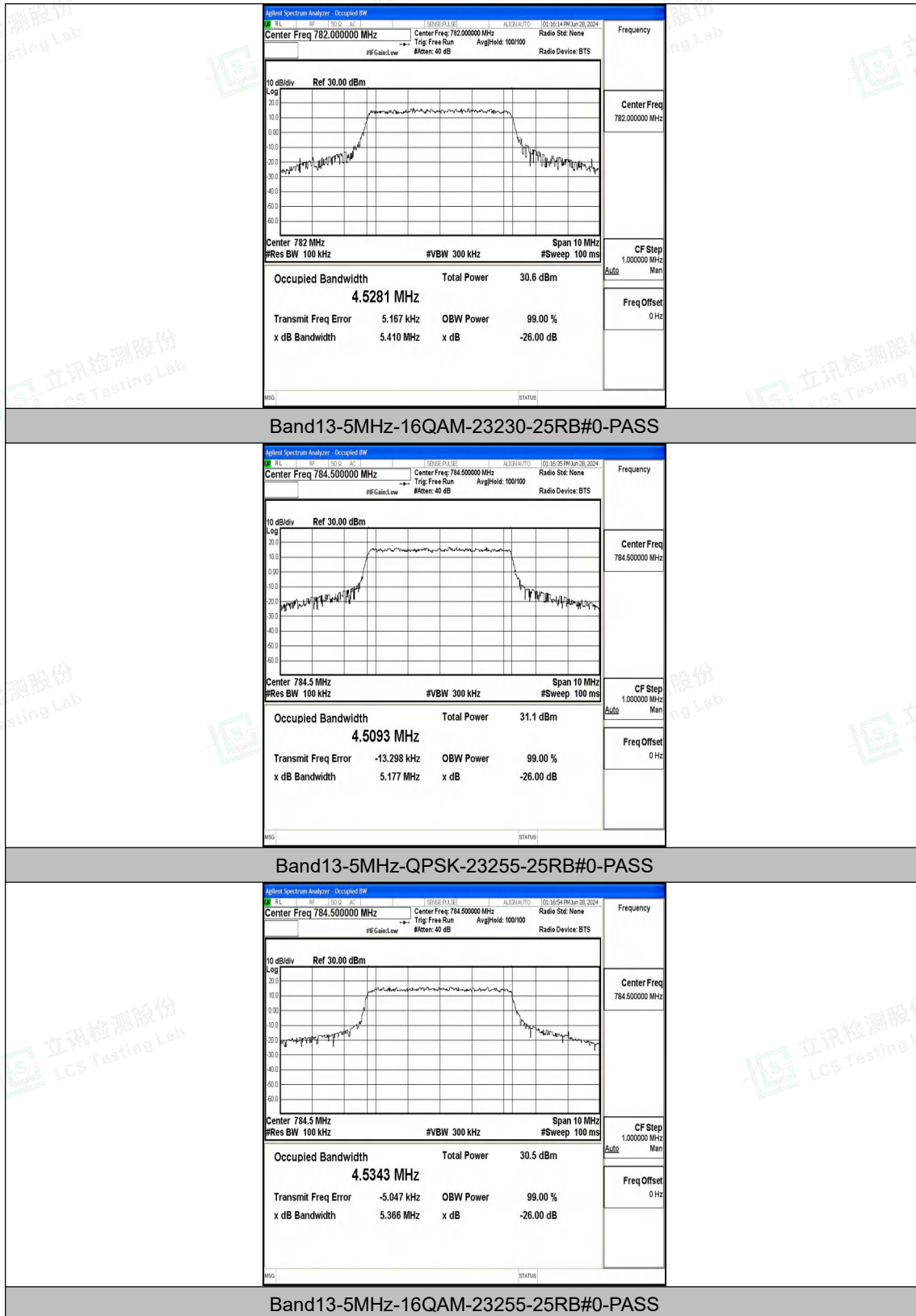


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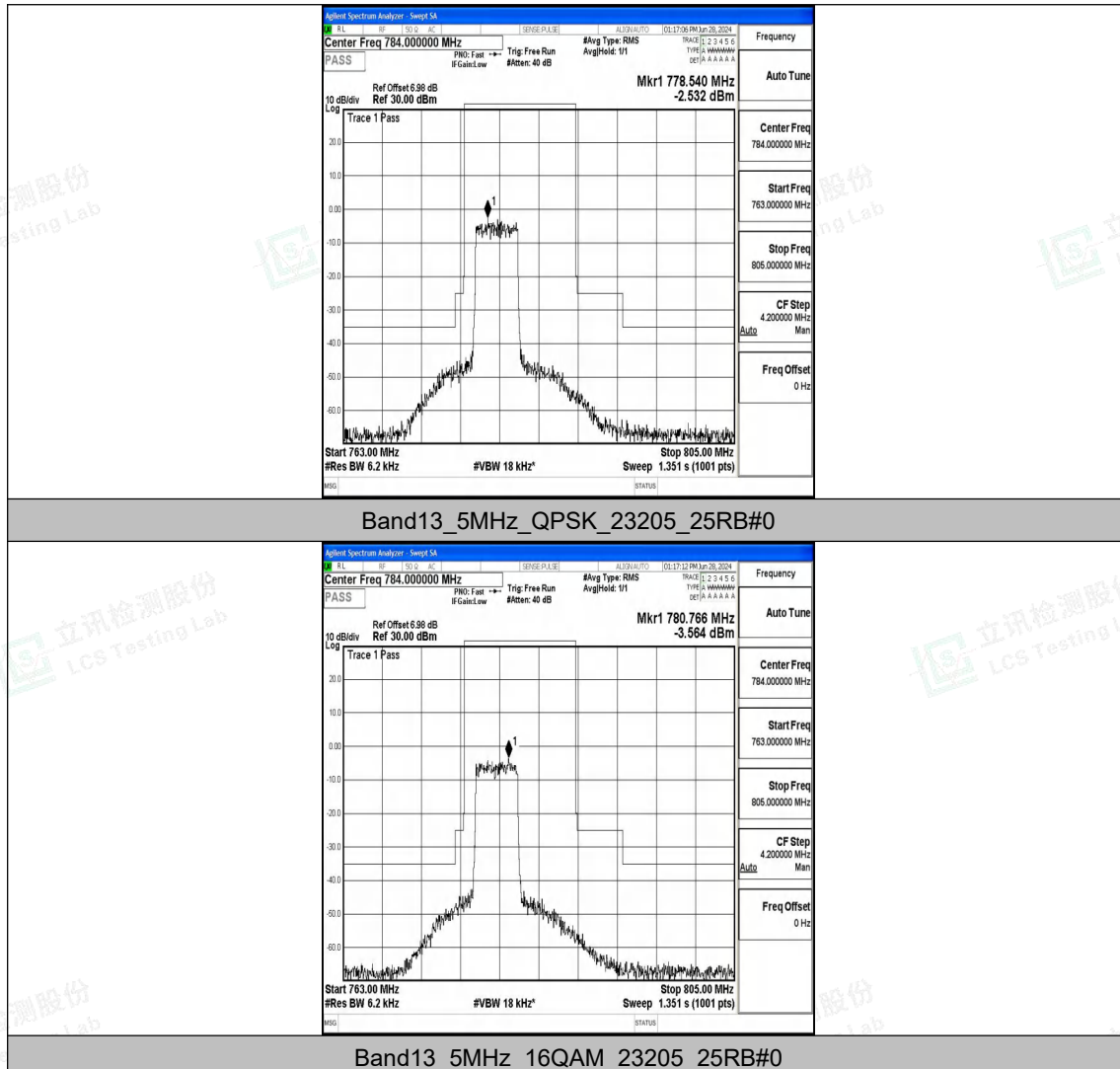


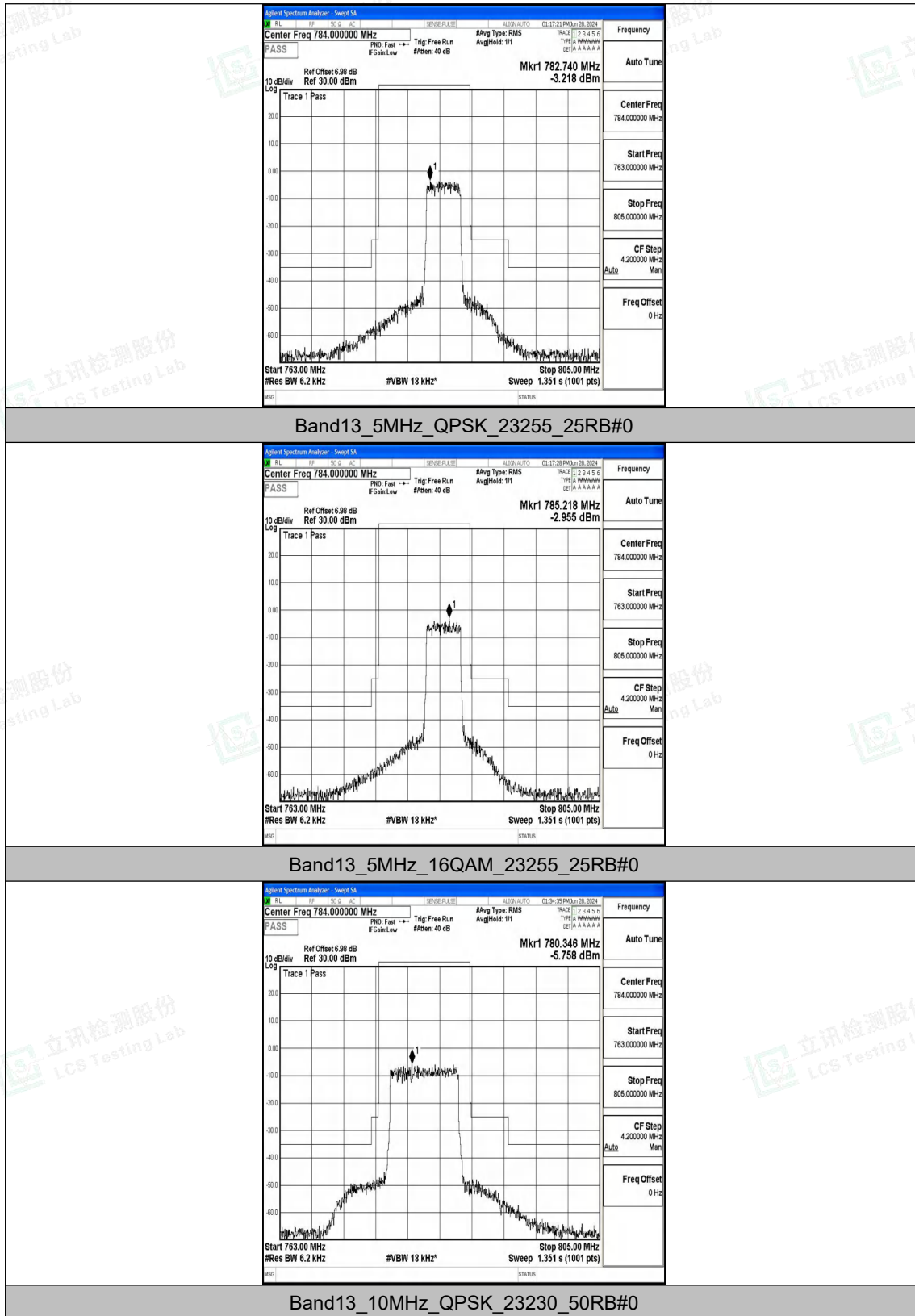
I.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.89	-46.70	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.97	-48.17	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.62	-45.78	PASS
Band13	5MHz	16QAM	23255	25RB#0	788.37	-46.08	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.80	-48.78	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.17	-49.42	PASS

Test Graphs



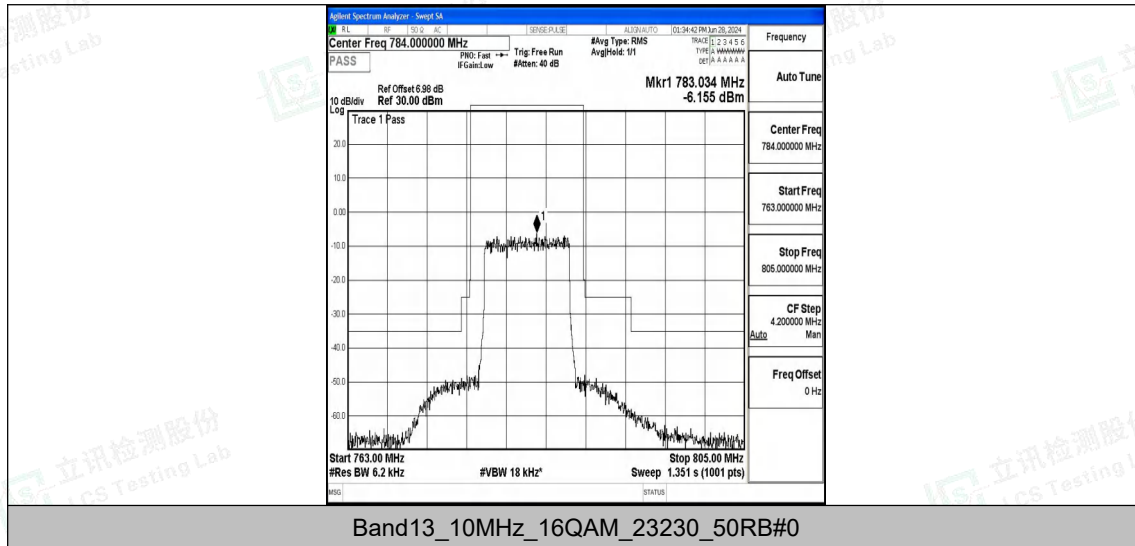


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I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-57.28	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-52.27	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-60.88	PASS
Band13	5MHz	QPSK	23205	1RB#0	1559~1610	-56.06	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-42.11	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-44.30	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-58.29	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-50.85	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-60.68	PASS
Band13	5MHz	16QAM	23205	1RB#0	1559~1610	-55.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-43.23	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-43.63	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-56.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-51.19	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-61.75	PASS
Band13	5MHz	QPSK	23230	1RB#0	1559~1610	-55.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-42.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-43.93	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-58.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-51.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-61.18	PASS
Band13	5MHz	16QAM	23230	1RB#0	1559~1610	-55.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.50	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-44.10	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-59.60	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-52.96	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-59.99	PASS
Band13	5MHz	QPSK	23255	1RB#0	1559~1610	-55.65	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-43.24	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-44.35	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-57.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-53.19	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-61.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	1559~1610	-54.64	PASS



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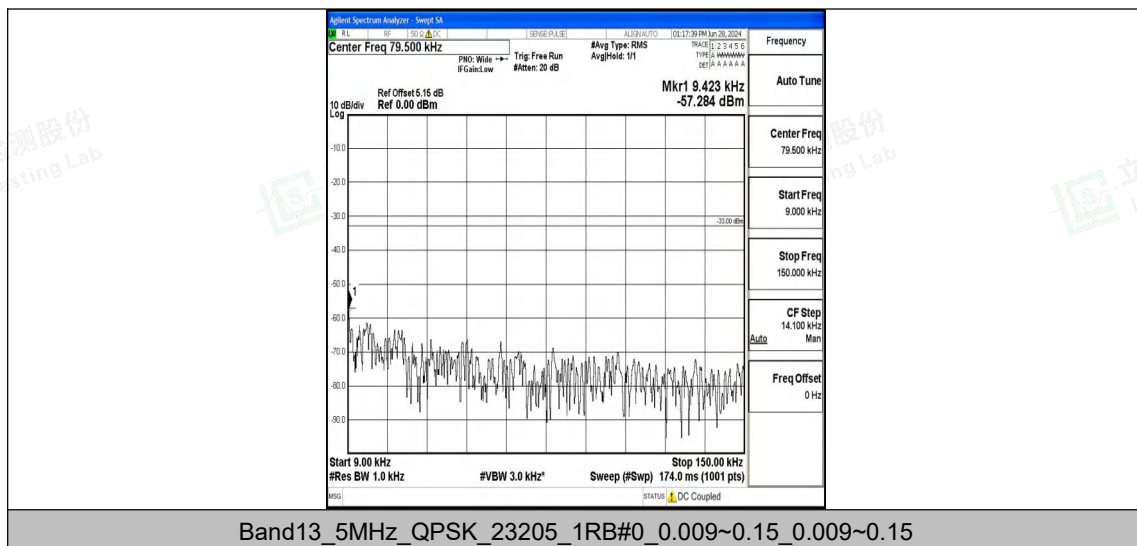
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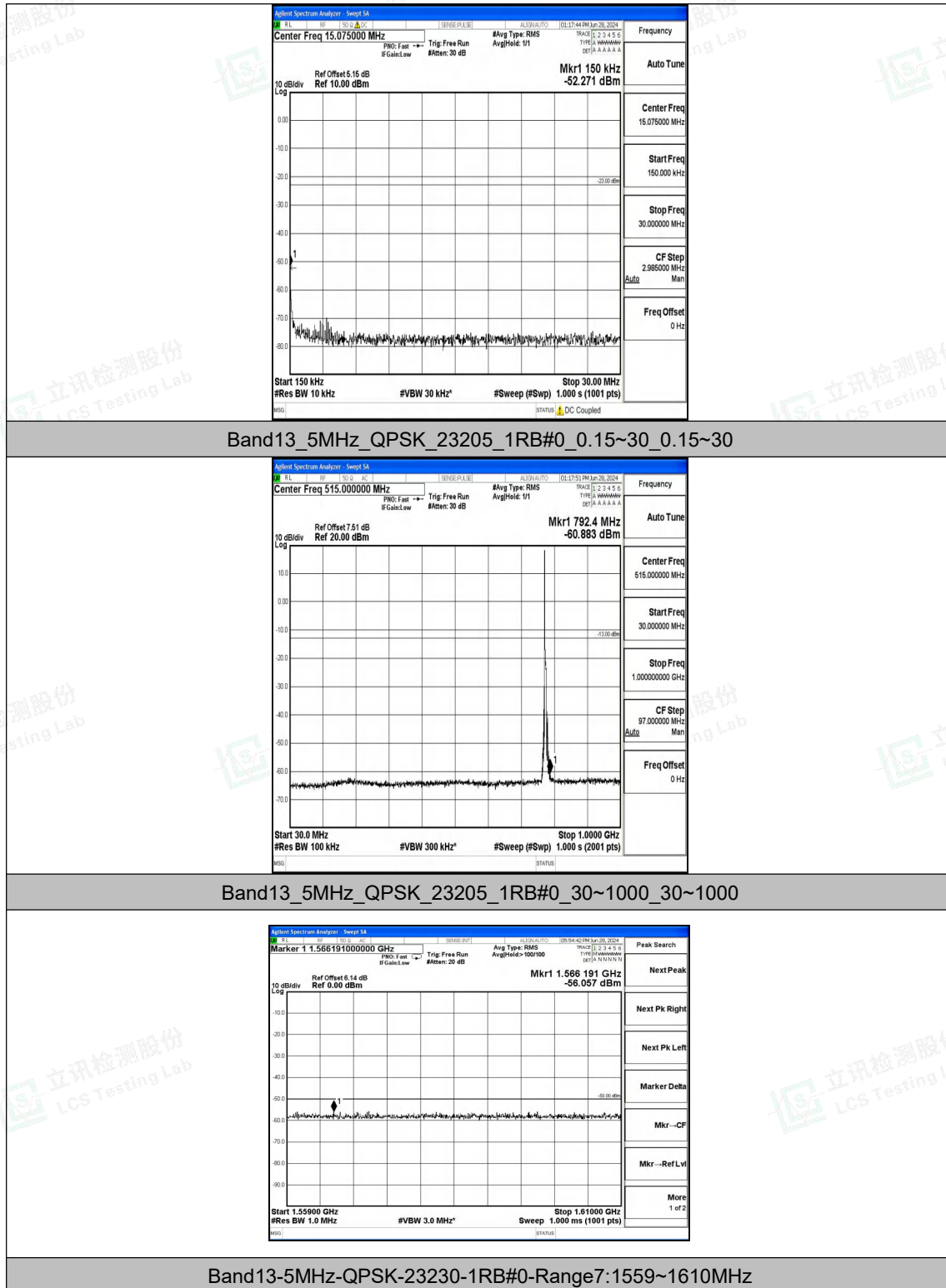
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Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-43.63	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-44.00	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-55.75	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.12	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-61.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	1559~1610	-55.61	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-42.15	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-43.95	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-59.74	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-52.71	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-62.28	PASS
Band13	10MHz	16QAM	23230	1RB#0	1559~1610	-55.75	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-40.87	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-44.37	PASS

Test Graphs



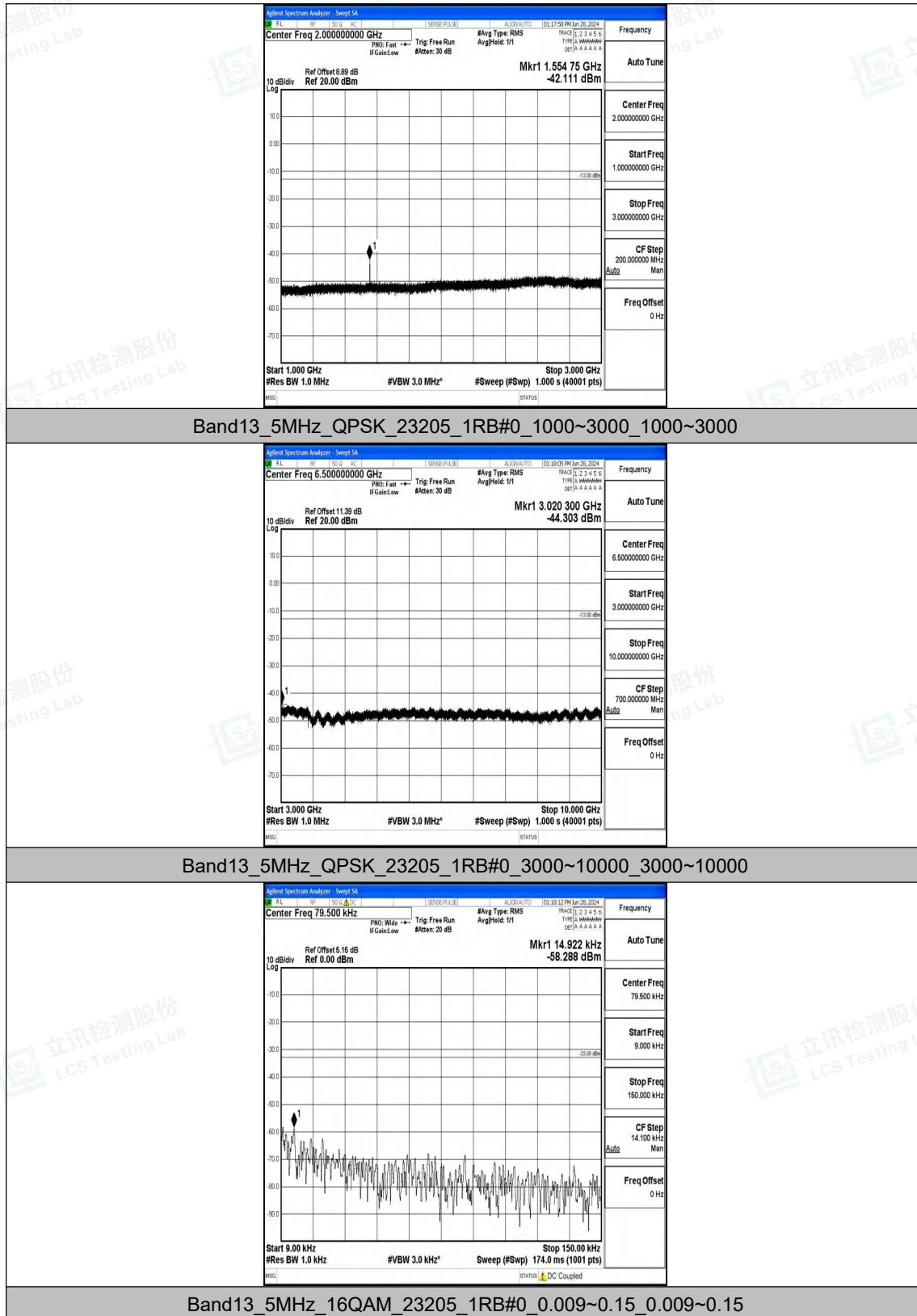


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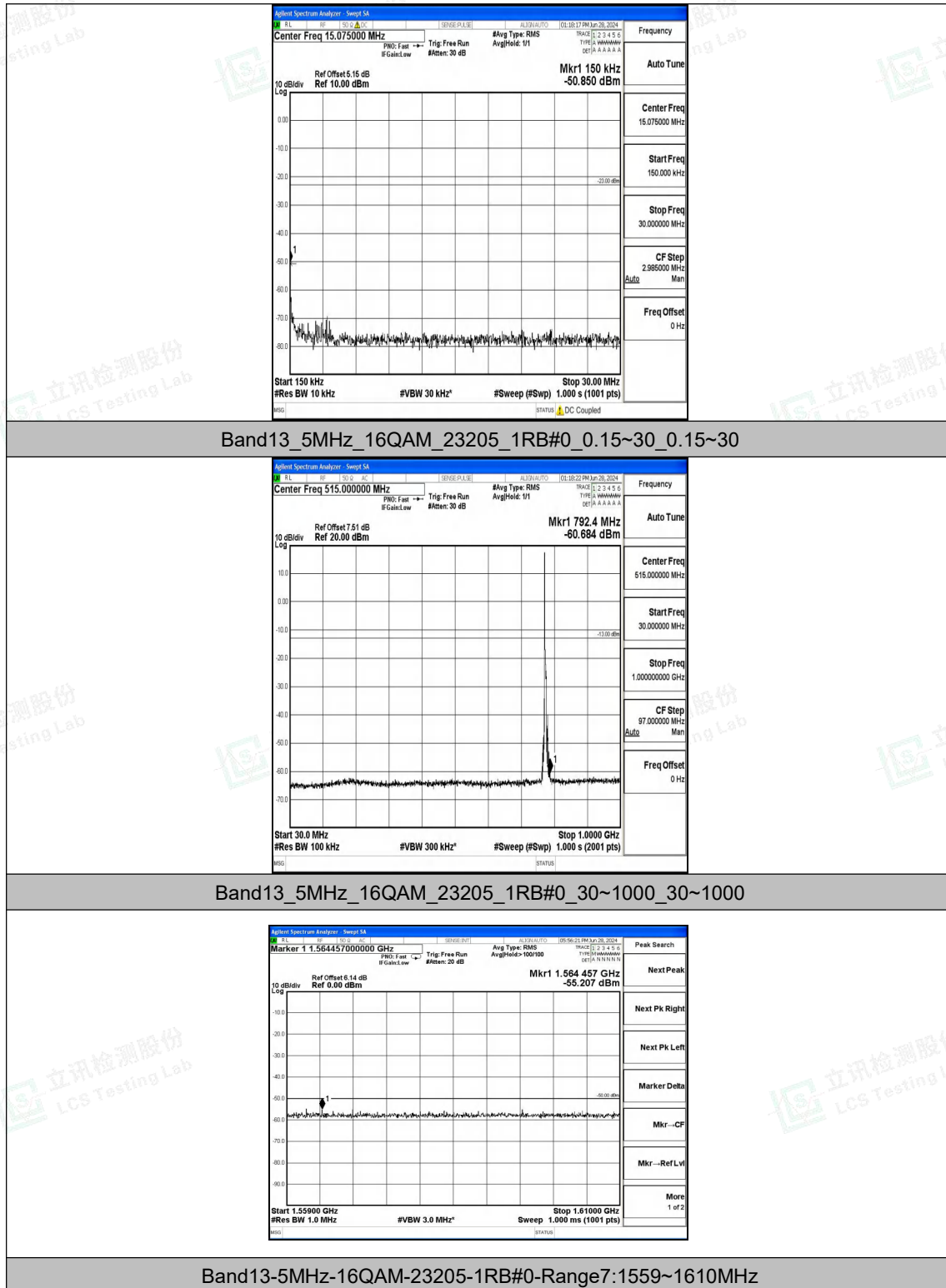


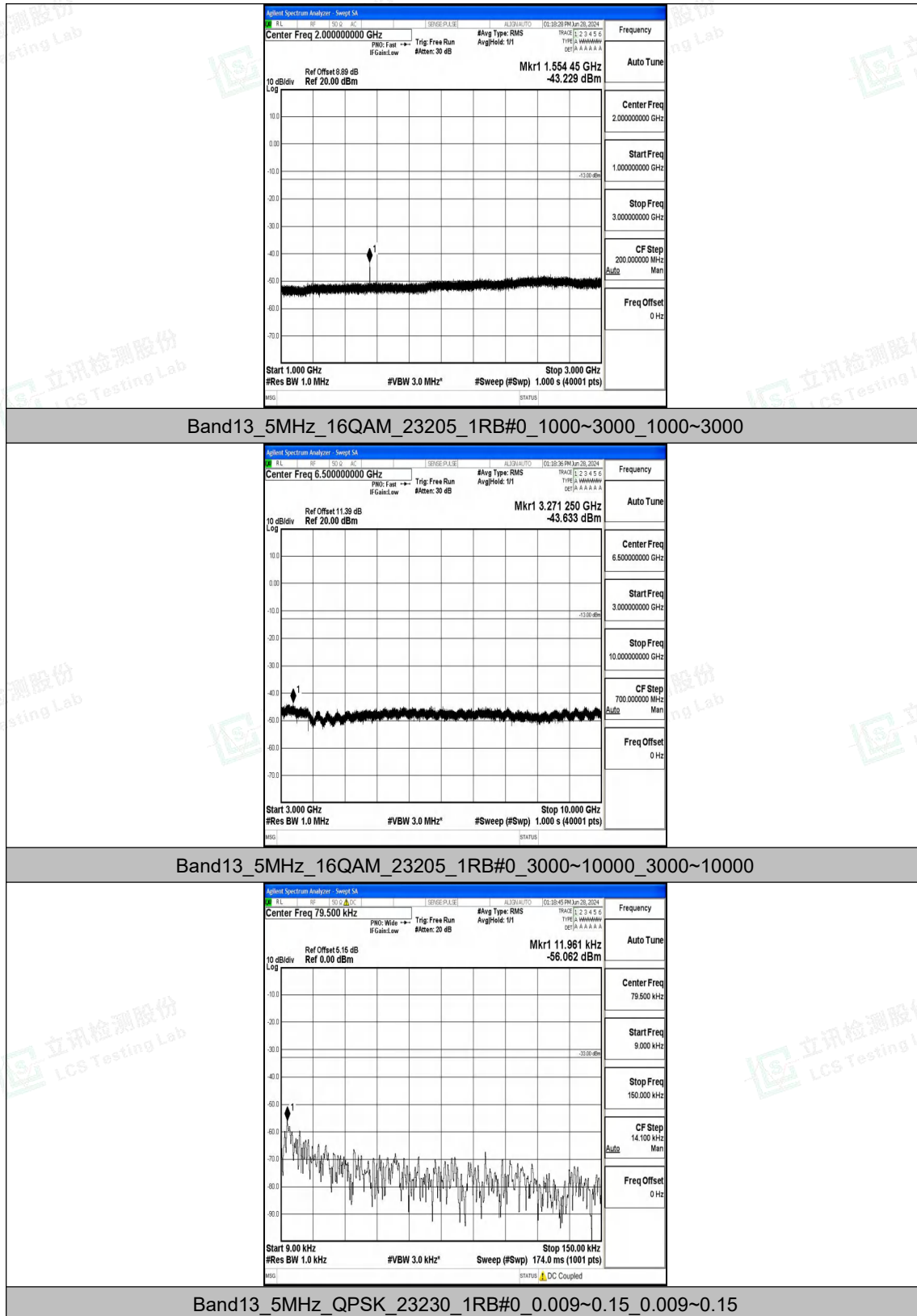
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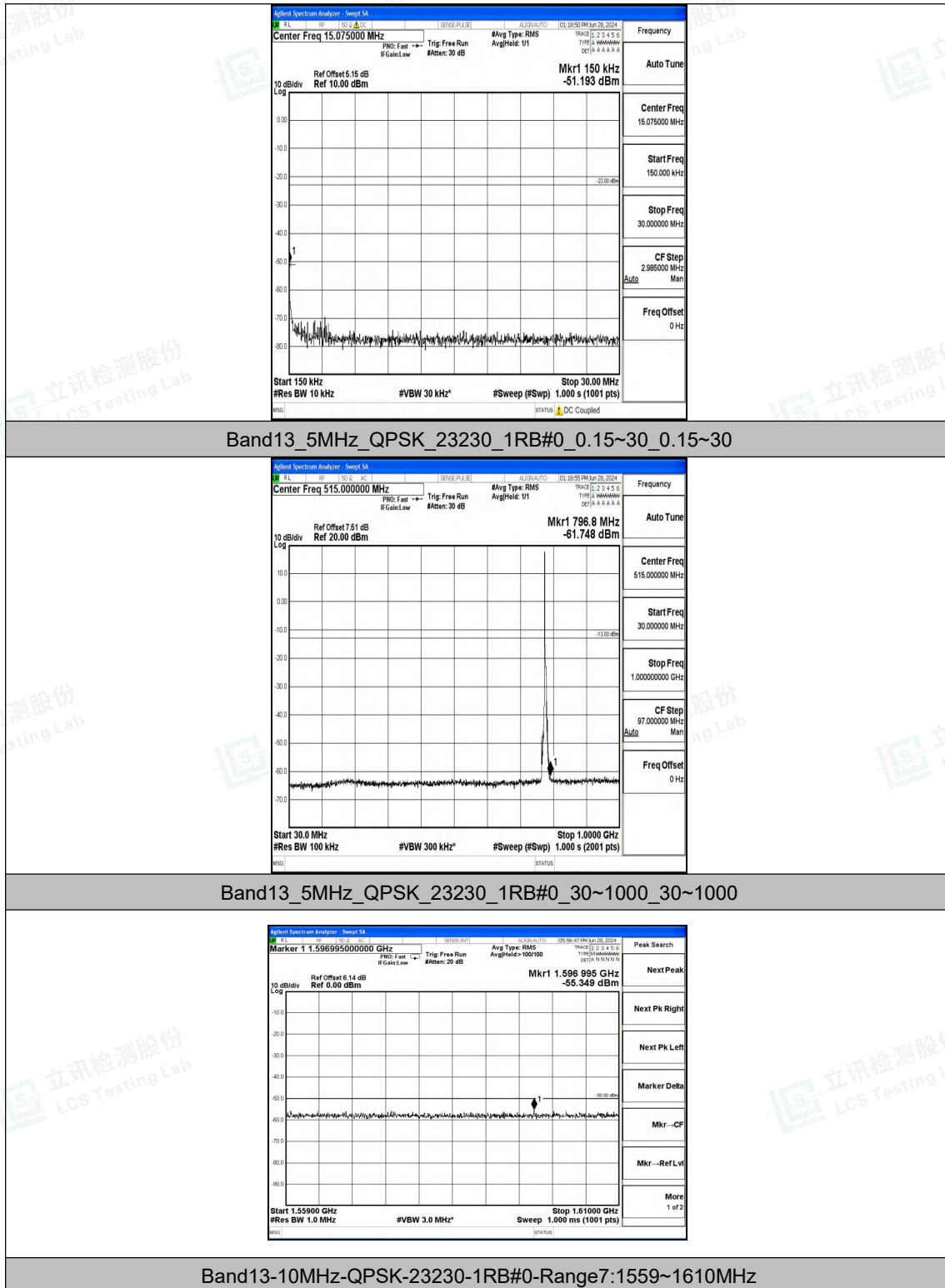


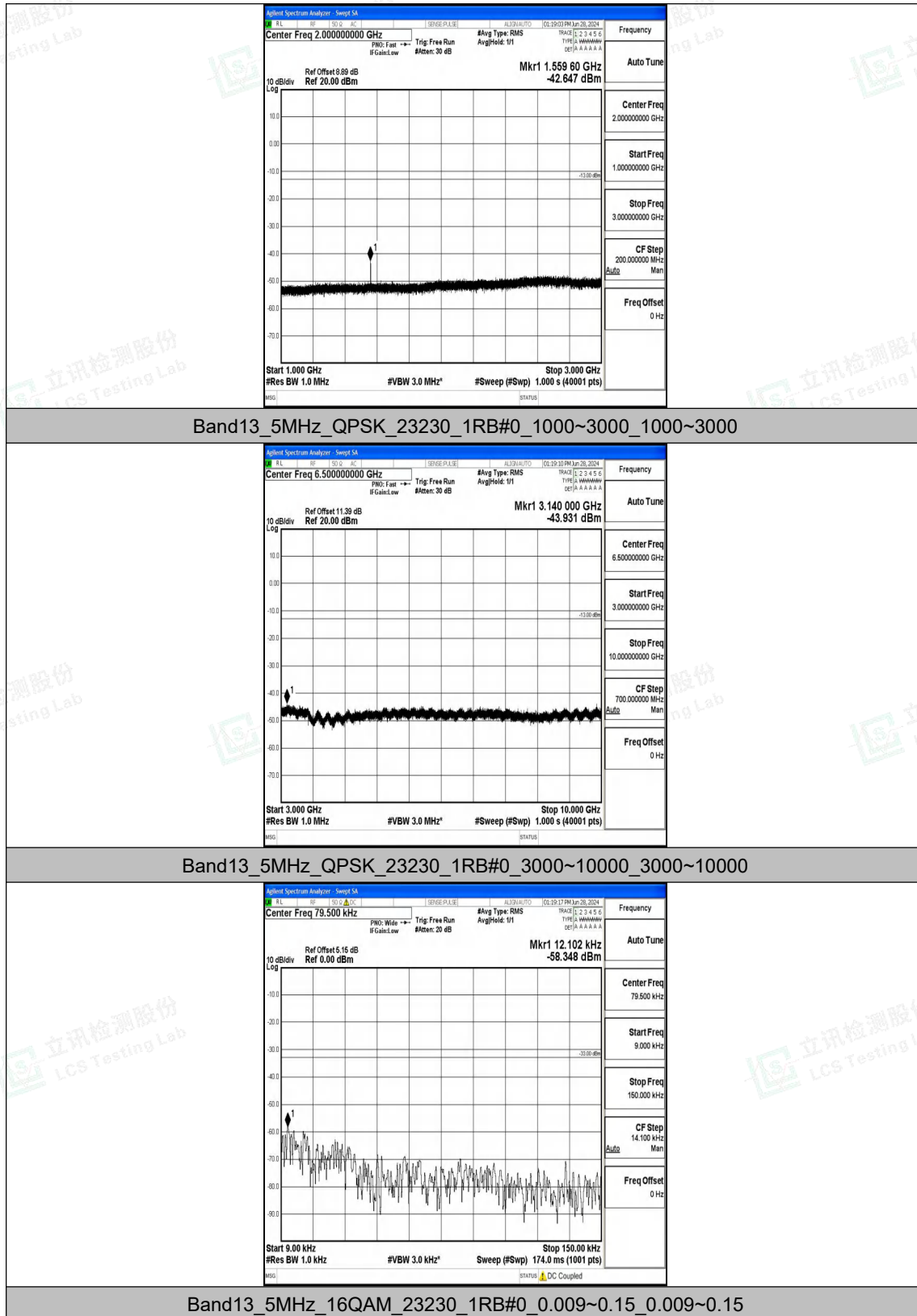
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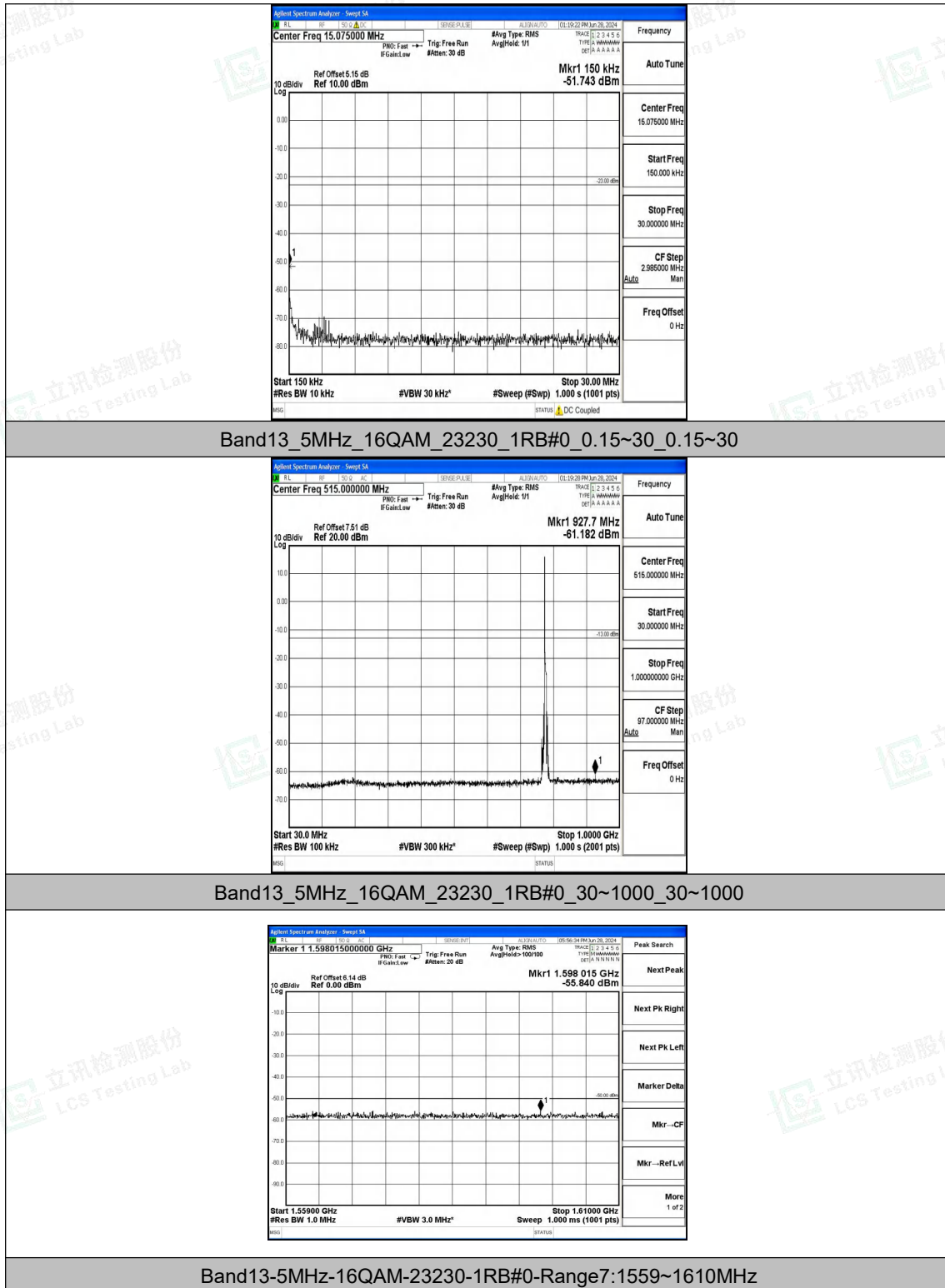


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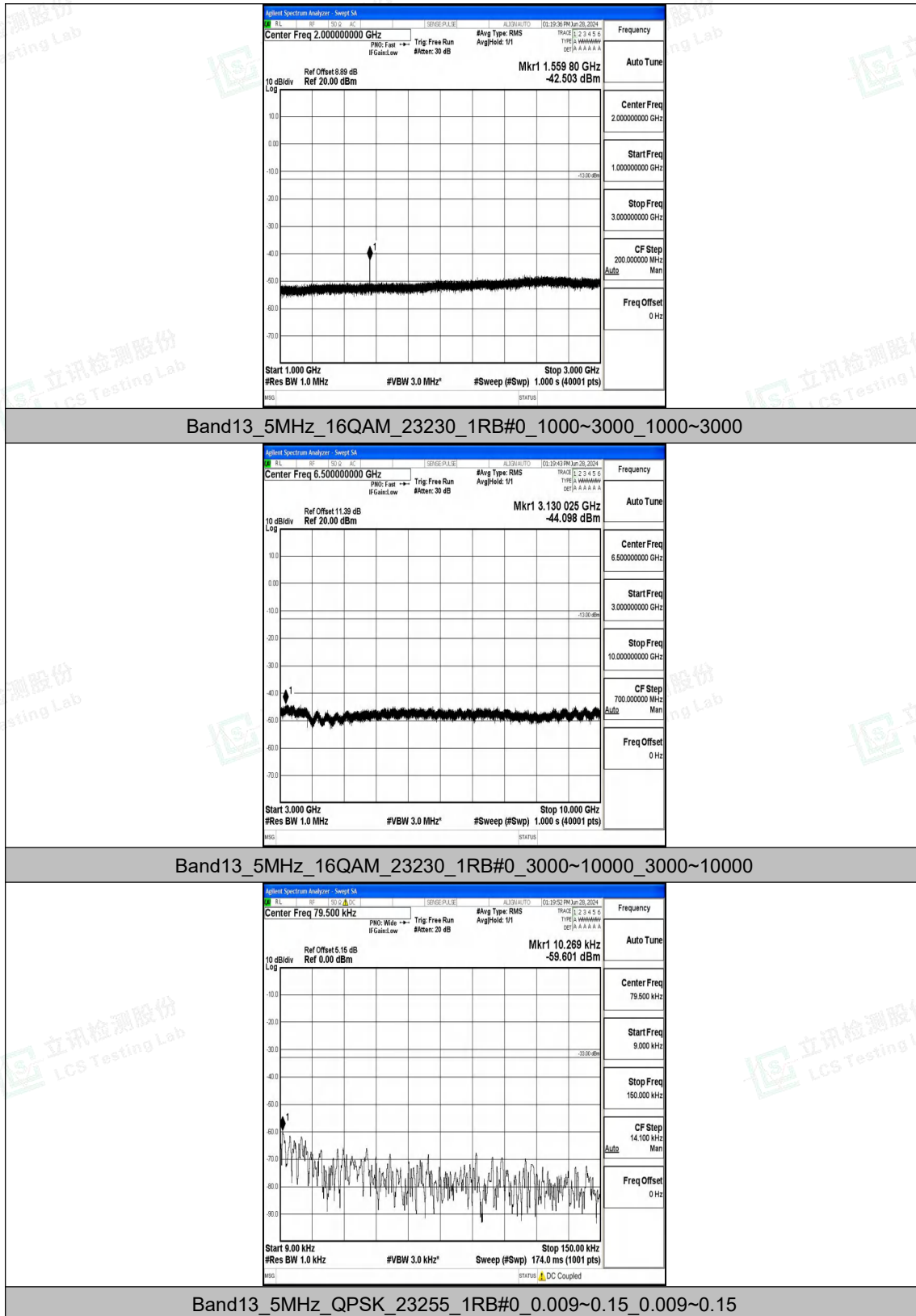


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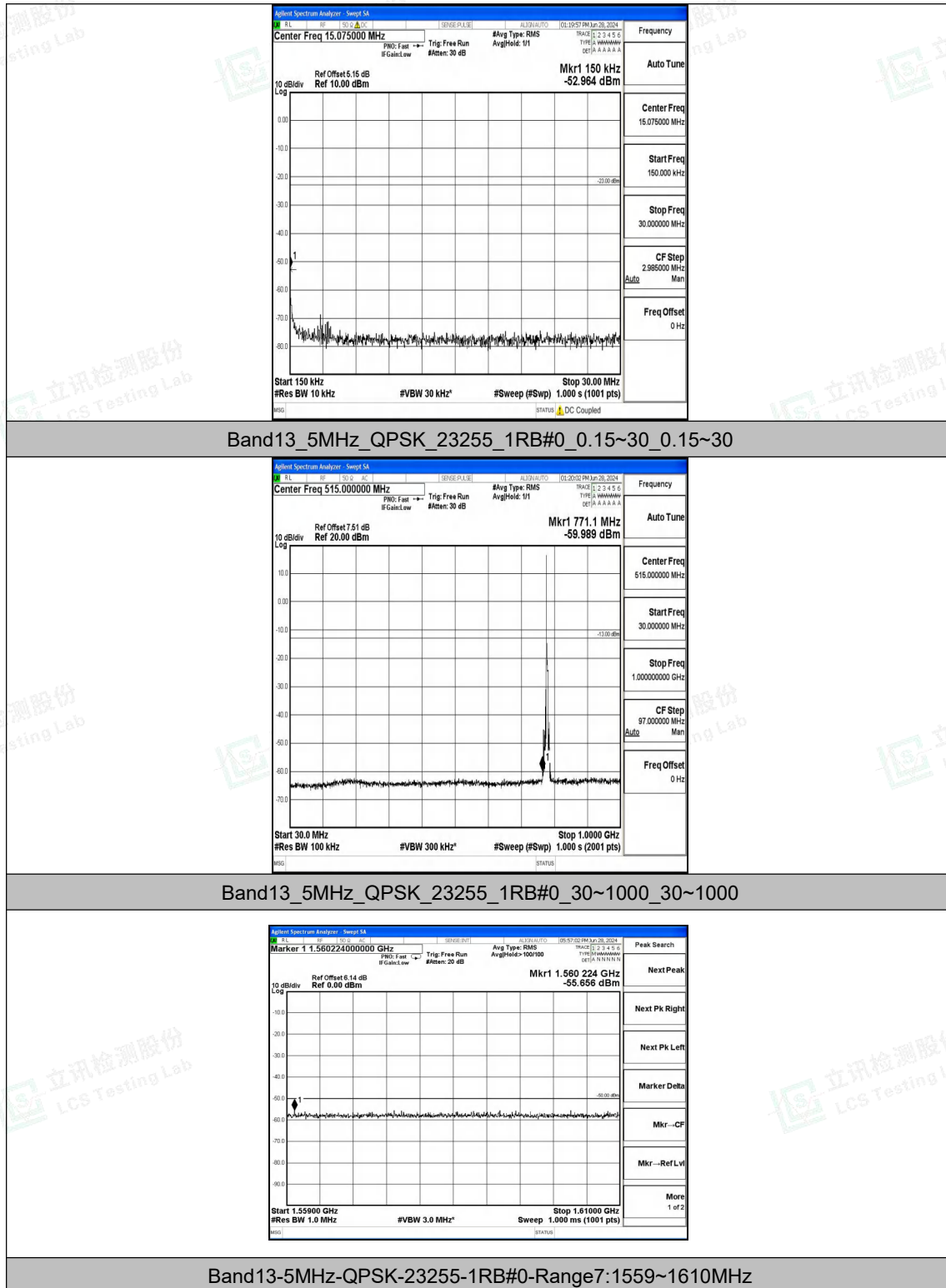


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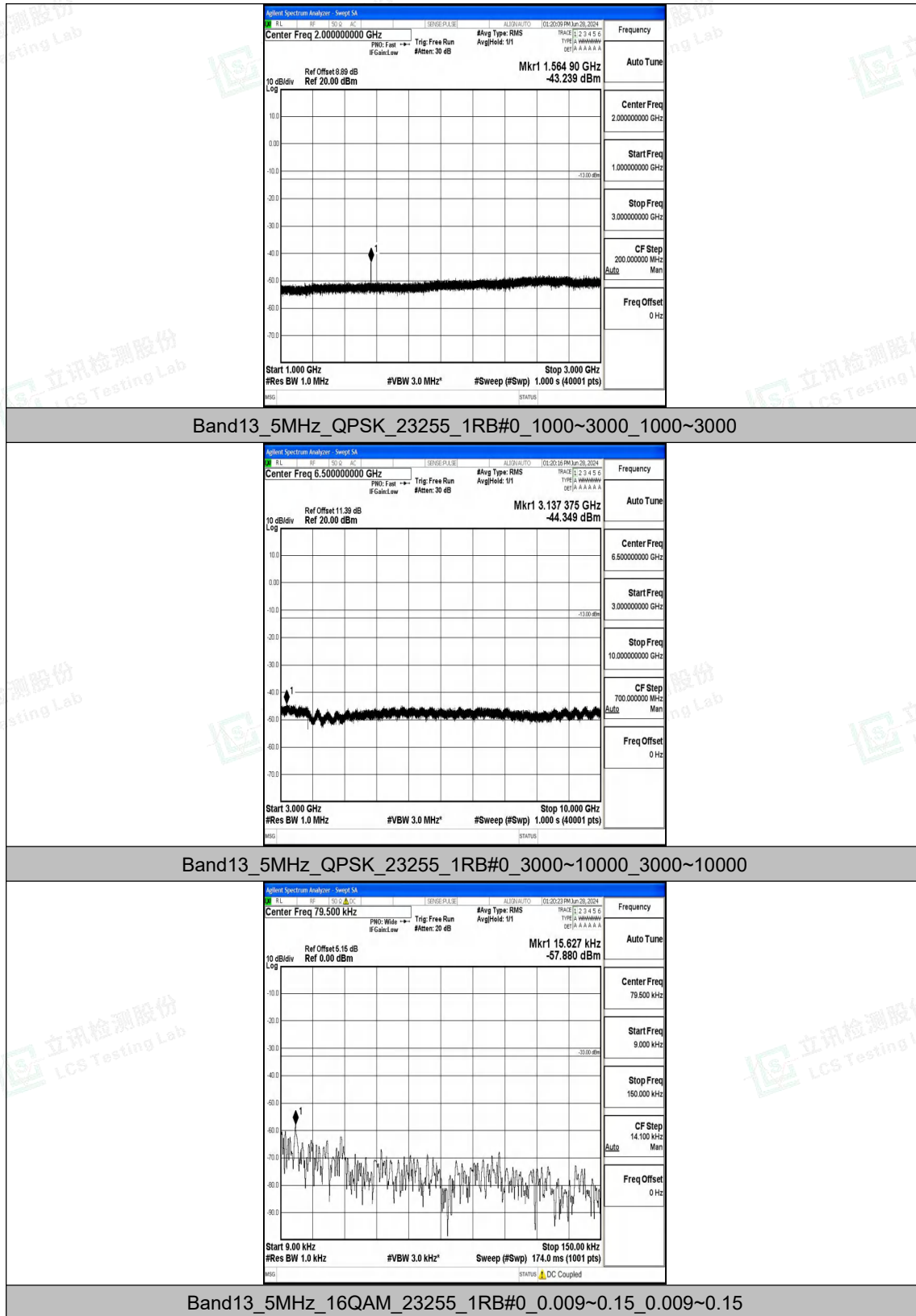


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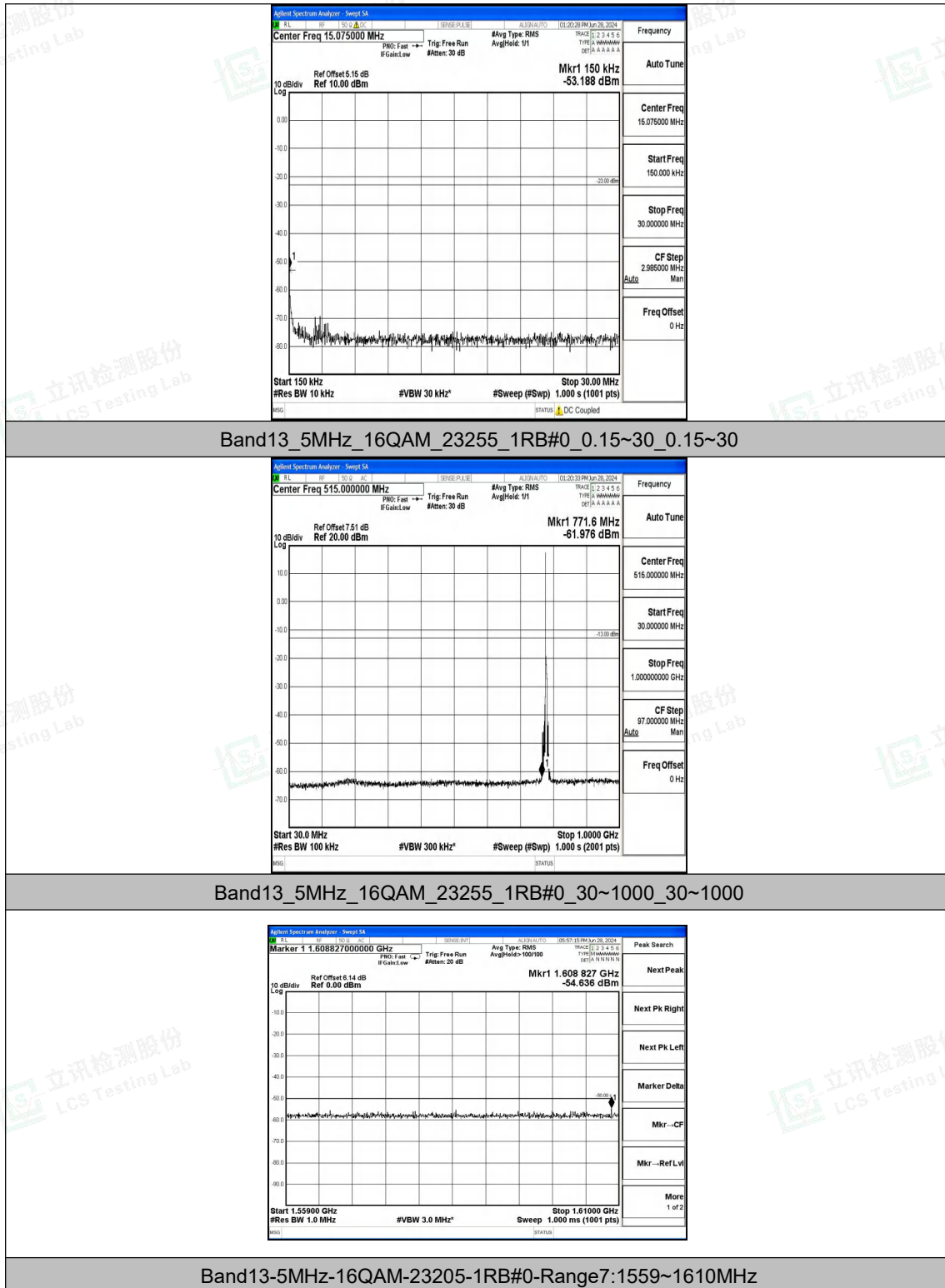


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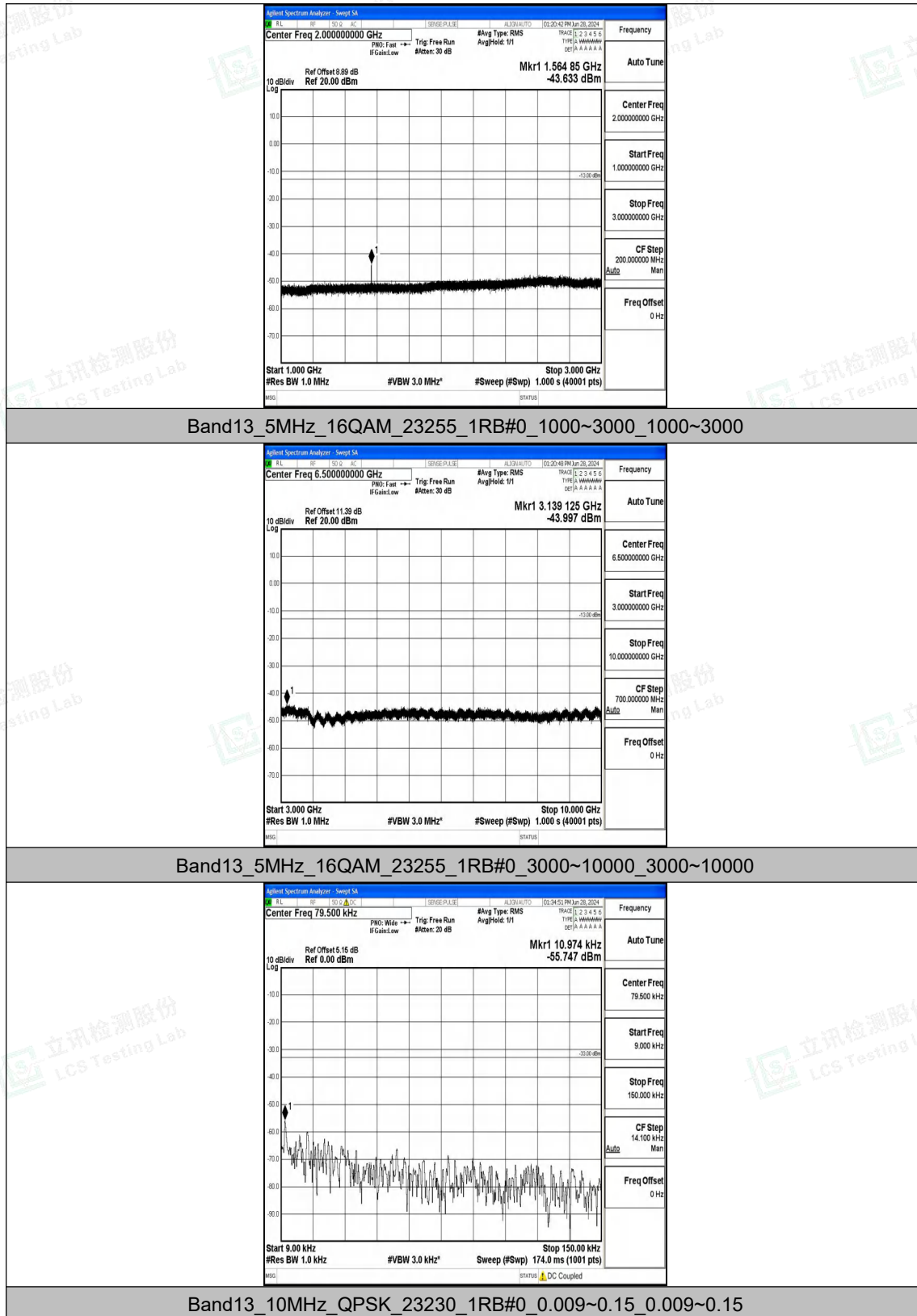


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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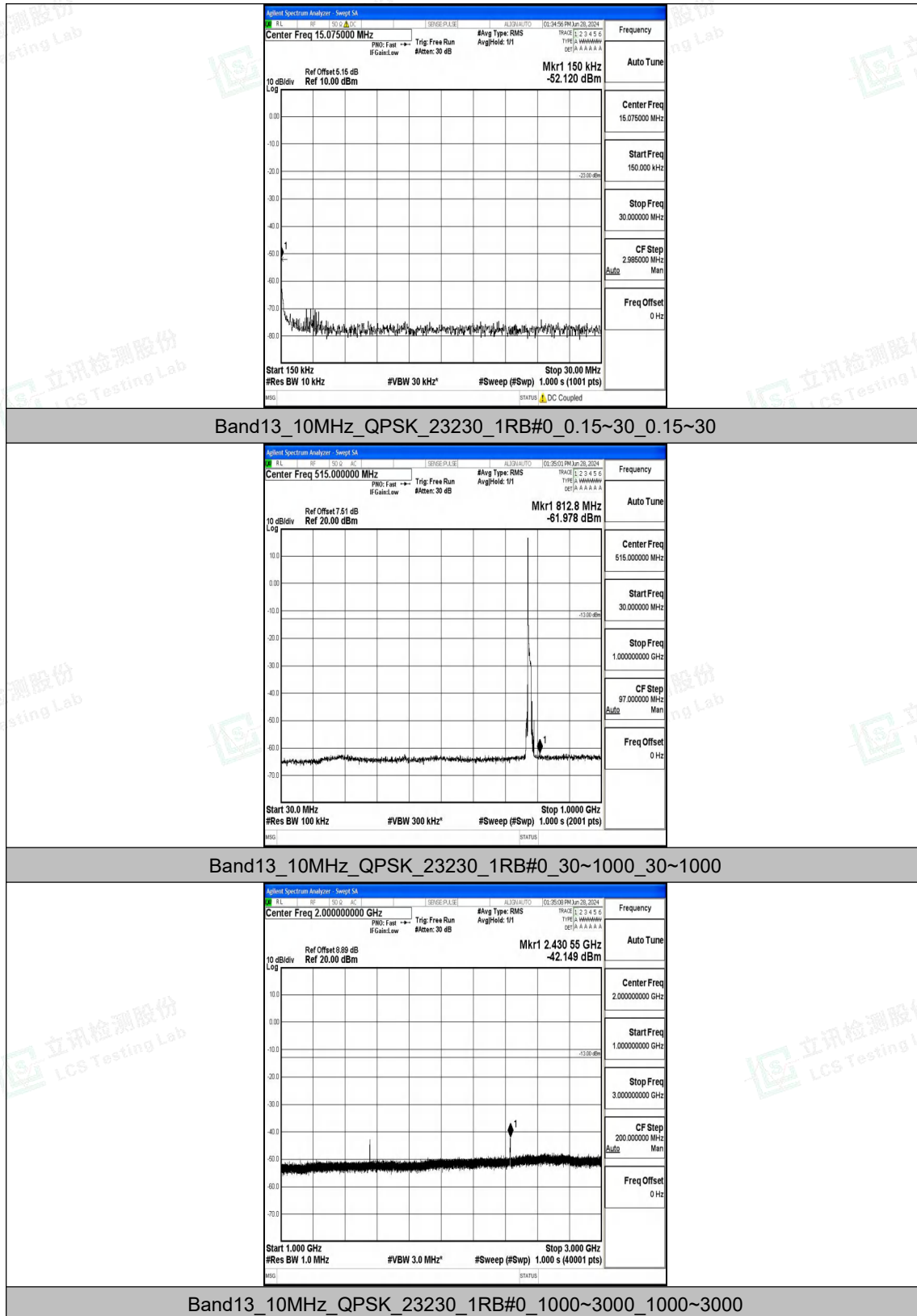


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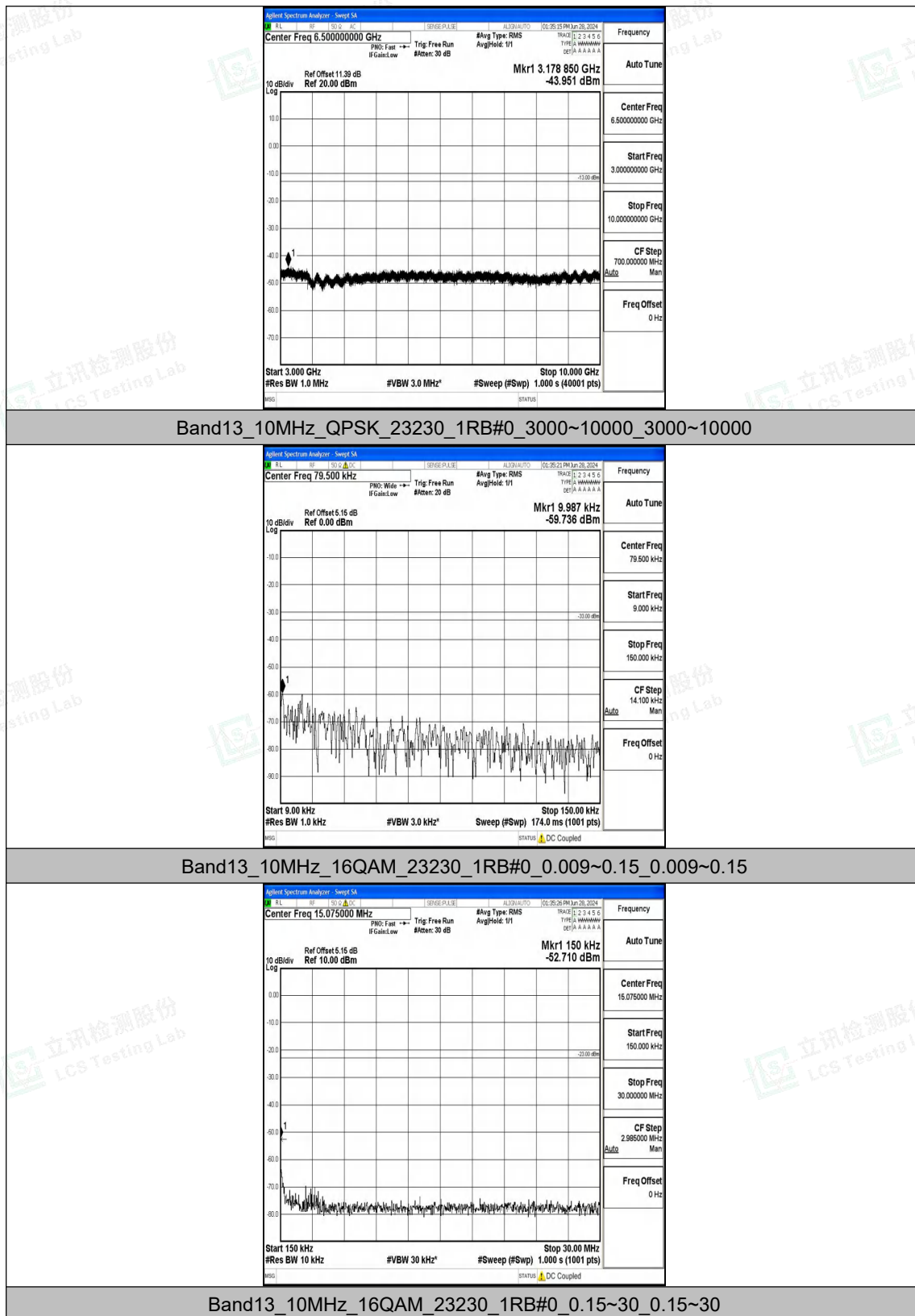


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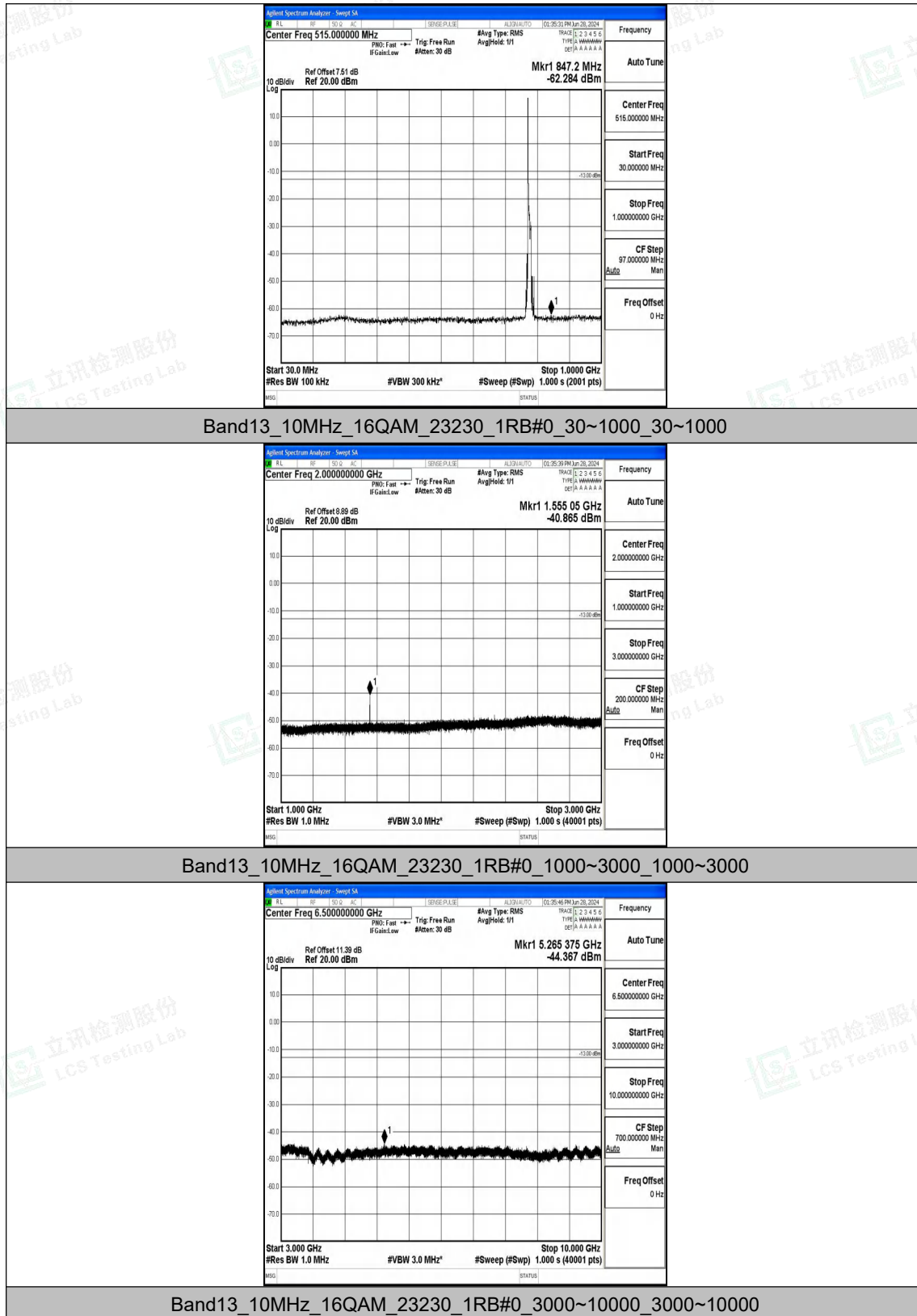


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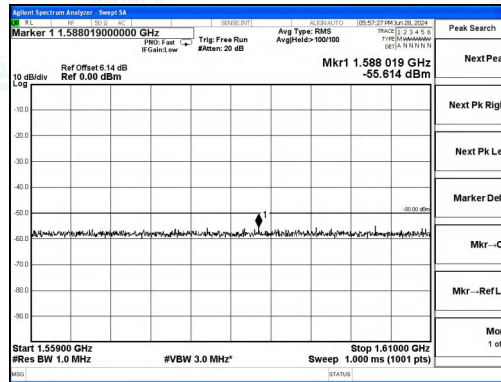


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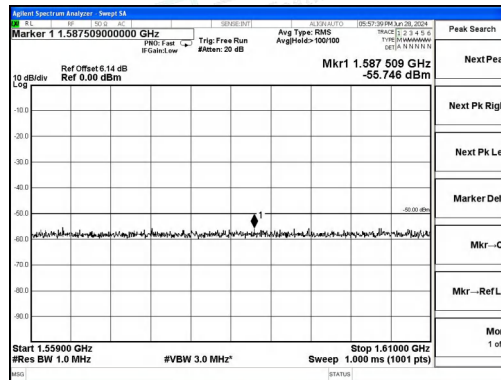
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