



Appendix K: Test Data for E-UTRA Band 13

Product Name: Figgers Tablets

Test Model: F-tab

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng



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K.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.99	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.06	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.04	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.13	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.99	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.04	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.98	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.52	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.98	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.51	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.01	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.40	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.03	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.40	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.71	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.99	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.67	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.96	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.66	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.94	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.99	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.29	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.99	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.29	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.76	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.30	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.08	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.40	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.84	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.57	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.70	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.46	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.46	PASS



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Band13	5MHz	16QAM	23255	1RB#24	22.42	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.88	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.26	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.87	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.26	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.72	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.12	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.64	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.30	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.35	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.78	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.17	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.72	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.85	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.34	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.45	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.83	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.45	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.80	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.29	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.61	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.40	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.81	PASS





K.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	4.47	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.16	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.36	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.94	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.58	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.13	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.35	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.00	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.59	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.07	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.38	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.99	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.44	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.05	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.36	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.00	13	PASS



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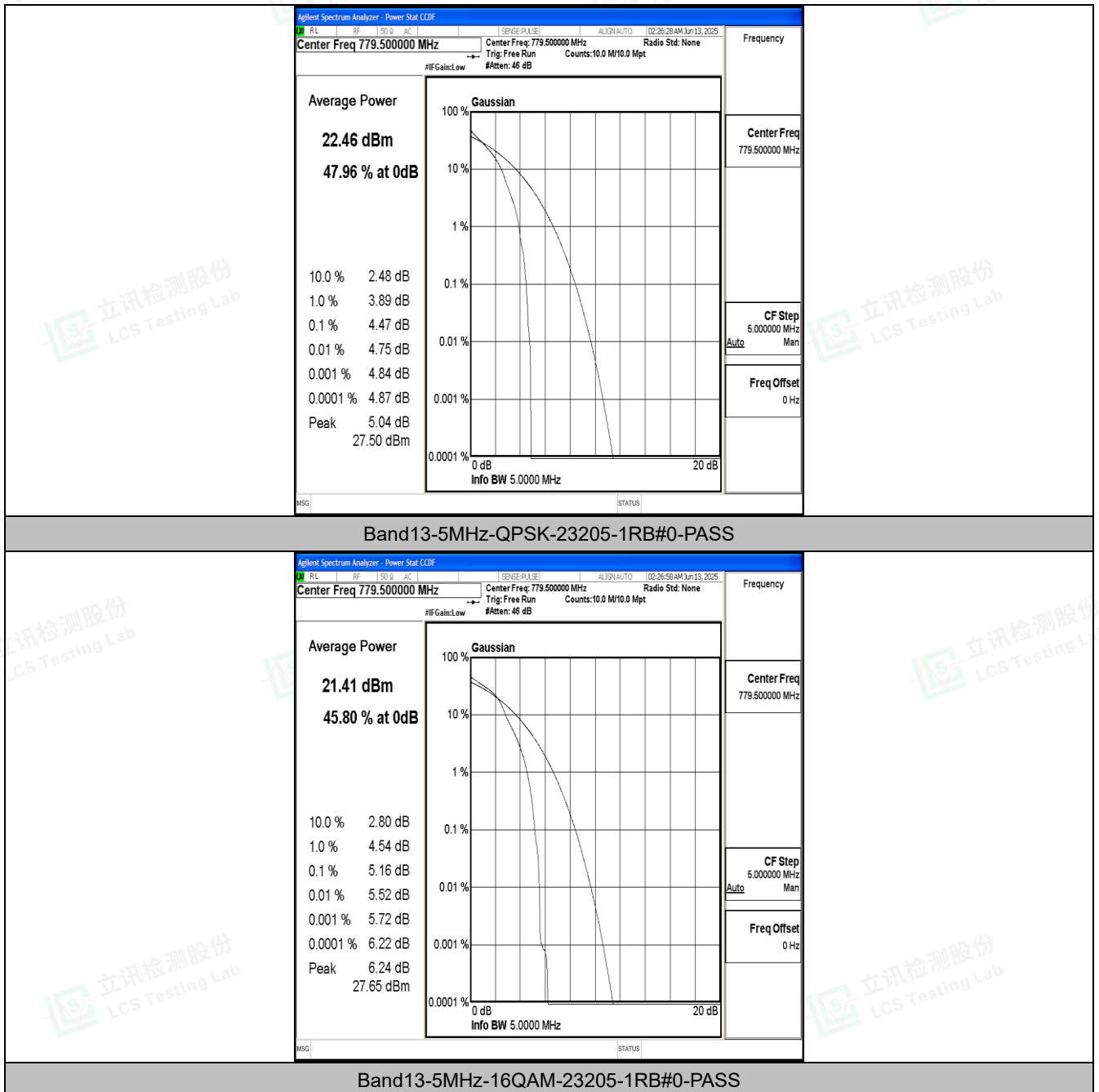
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Test Graphs

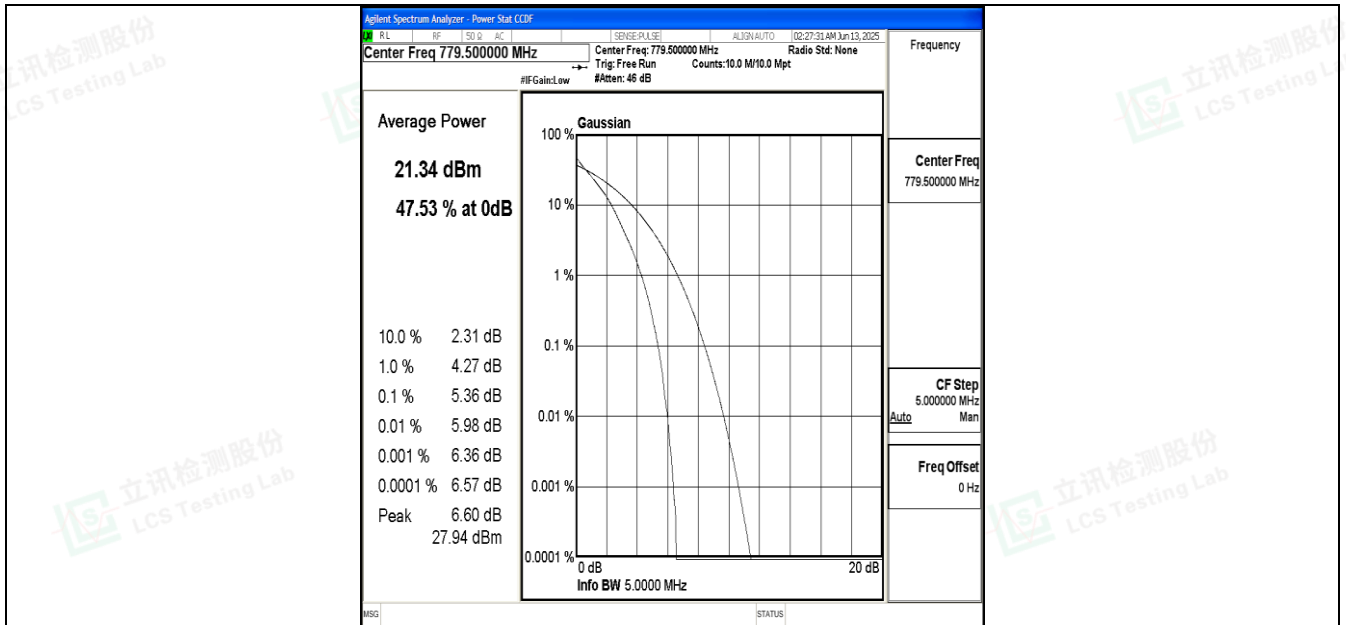


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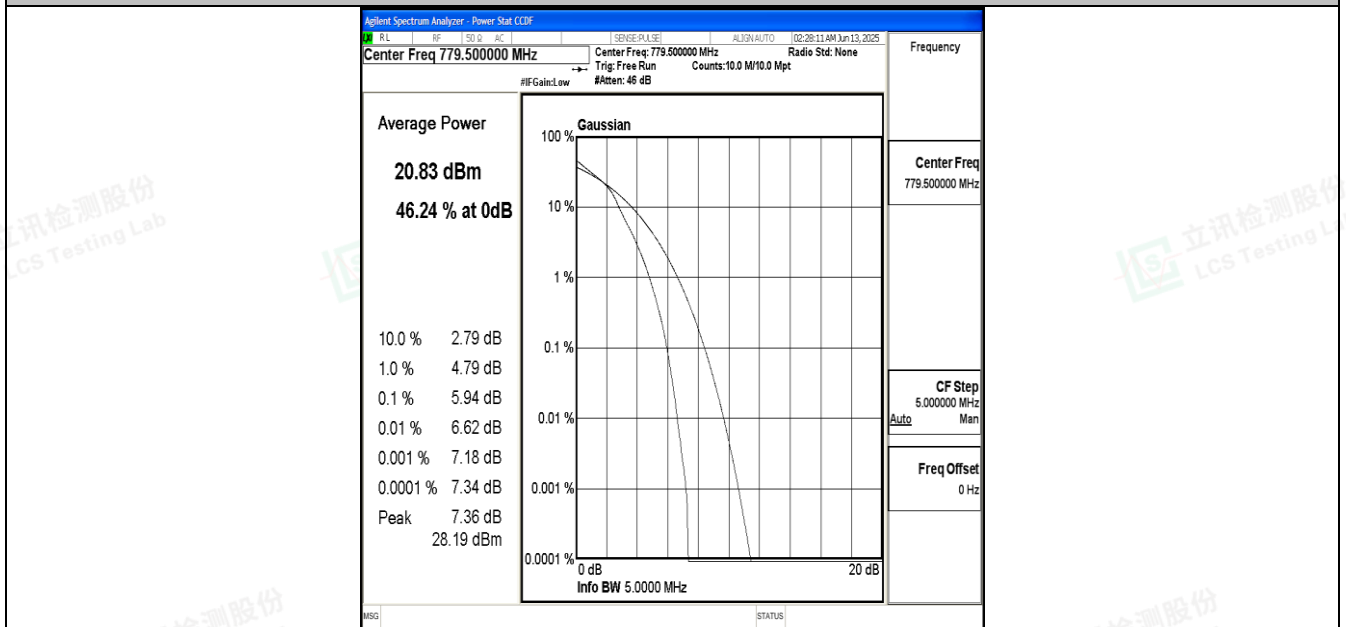
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Band13-5MHz-QPSK-23205-25RB#0-PASS



Band13-5MHz-16QAM-23205-25RB#0-PASS

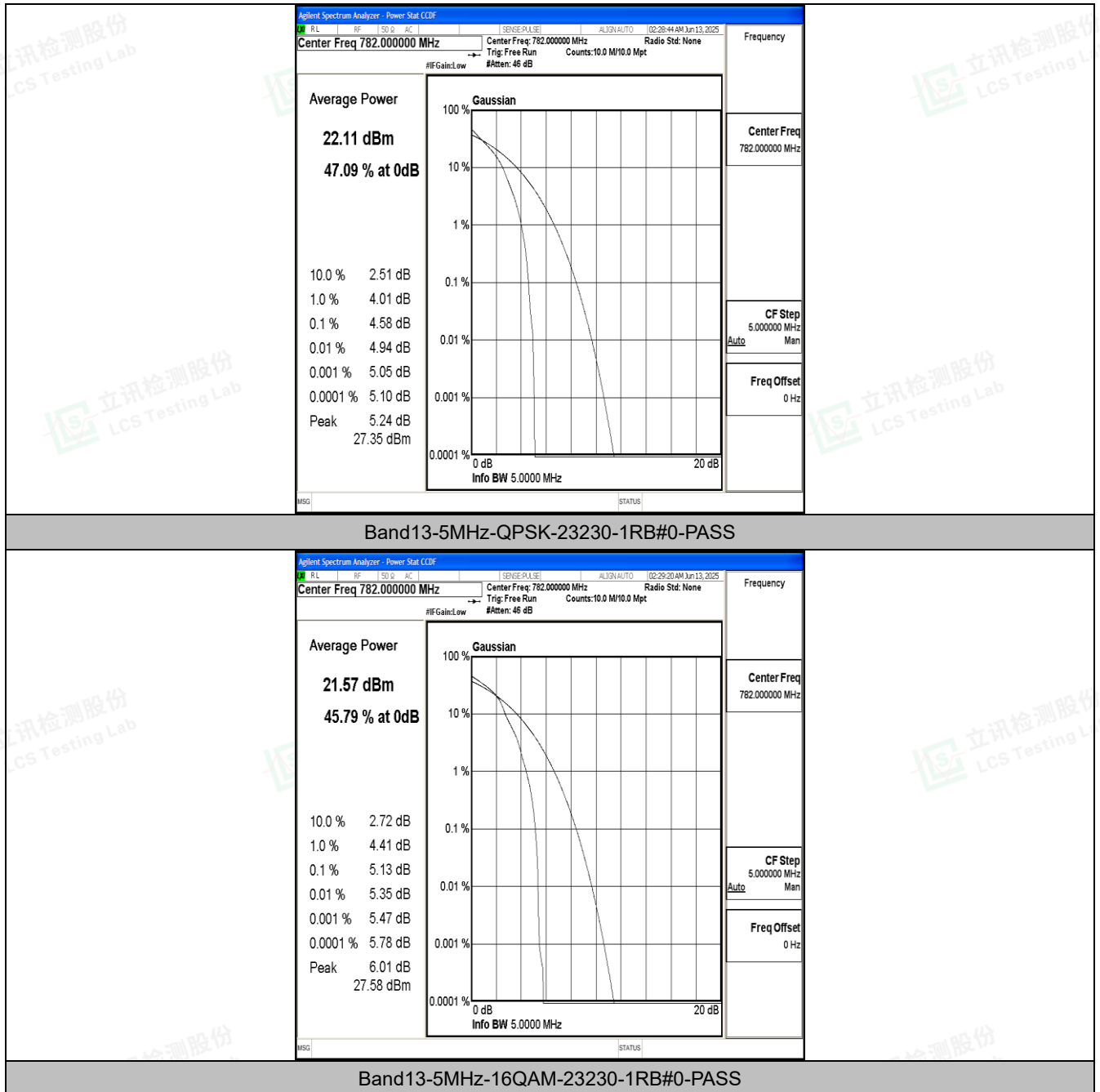


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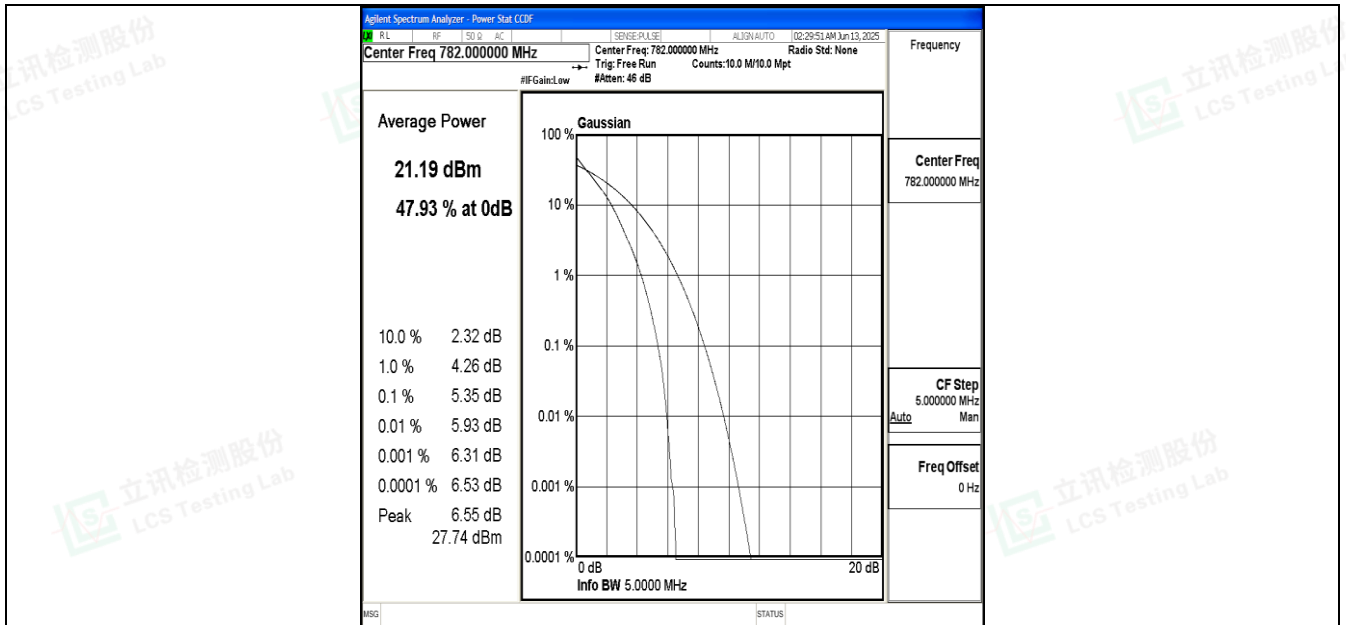


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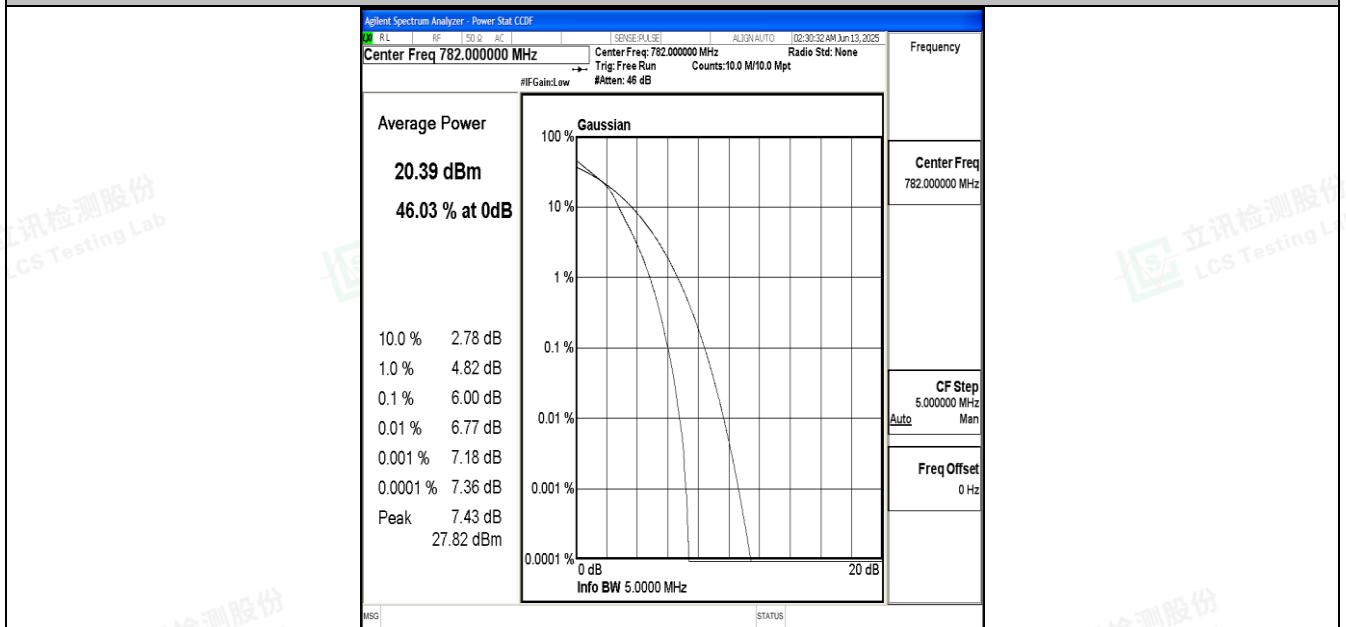
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Band13-5MHz-QPSK-23230-25RB#0-PASS



Band13-5MHz-16QAM-23230-25RB#0-PASS

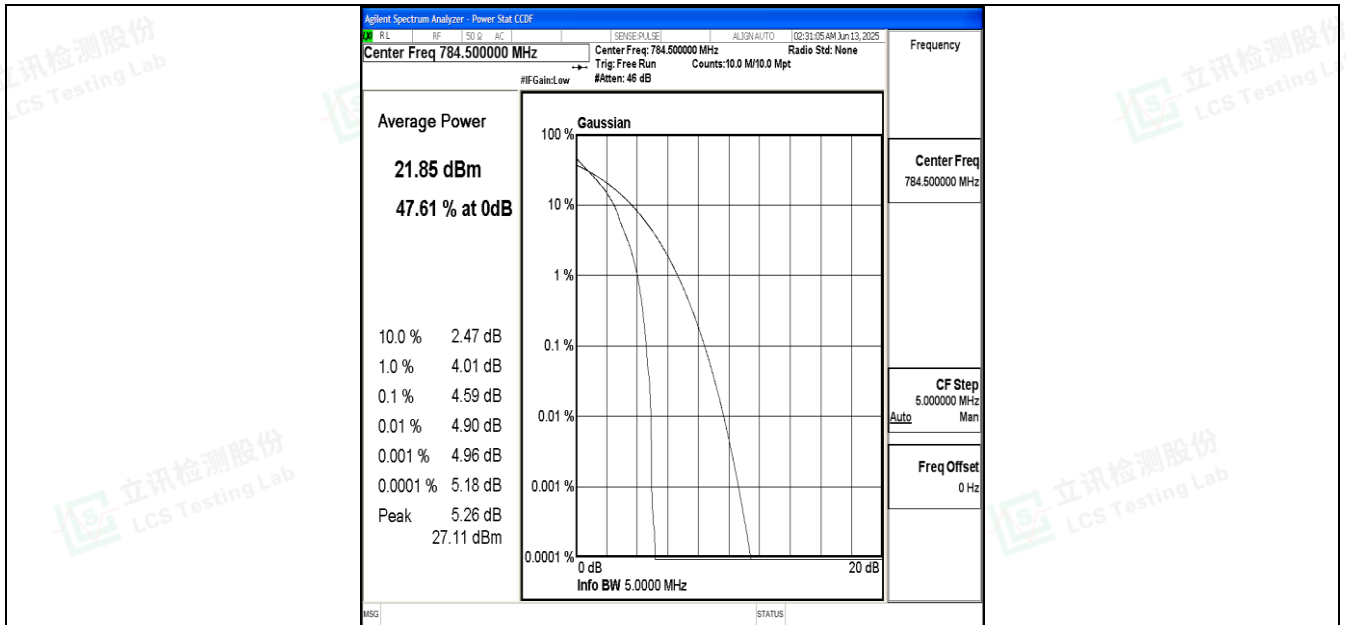


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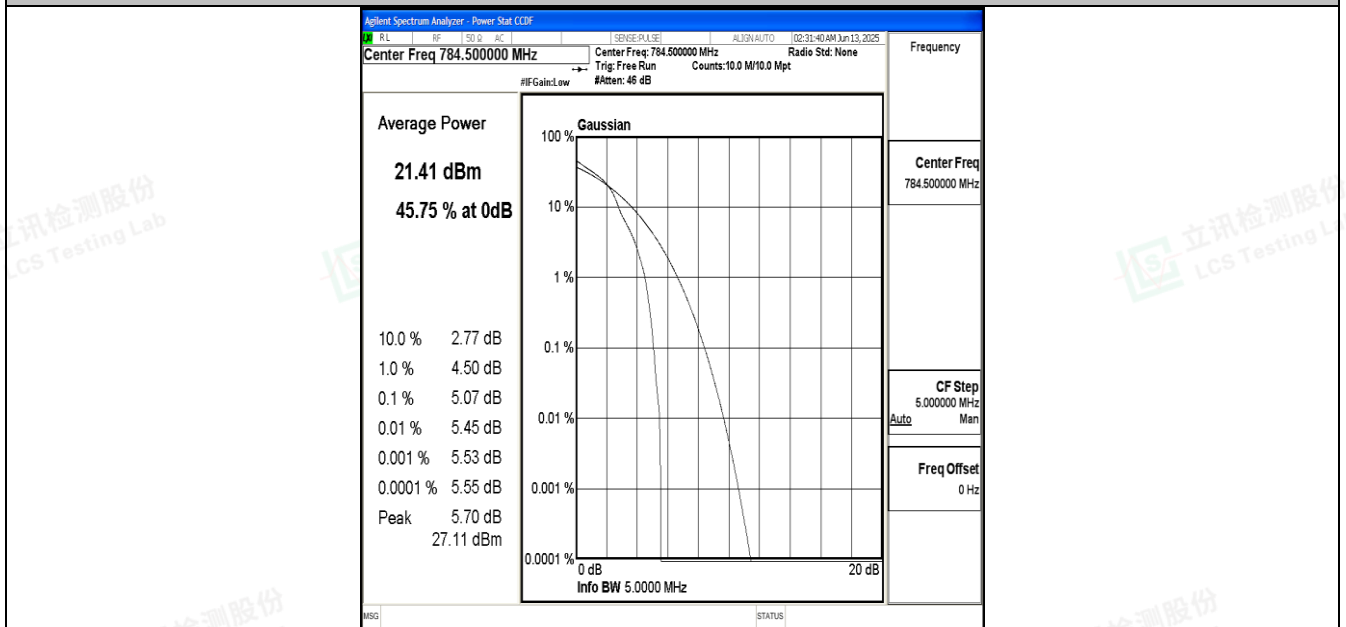
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Band13-5MHz-QPSK-23255-1RB#0-PASS



Band13-5MHz-16QAM-23255-1RB#0-PASS

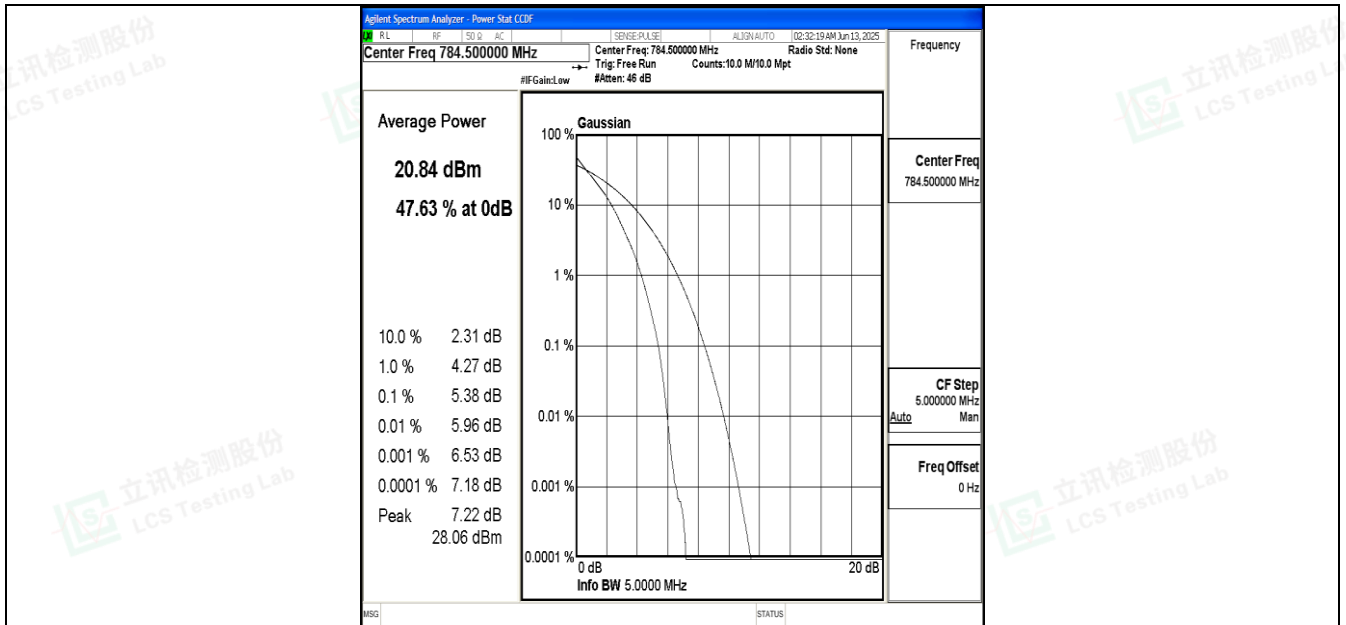


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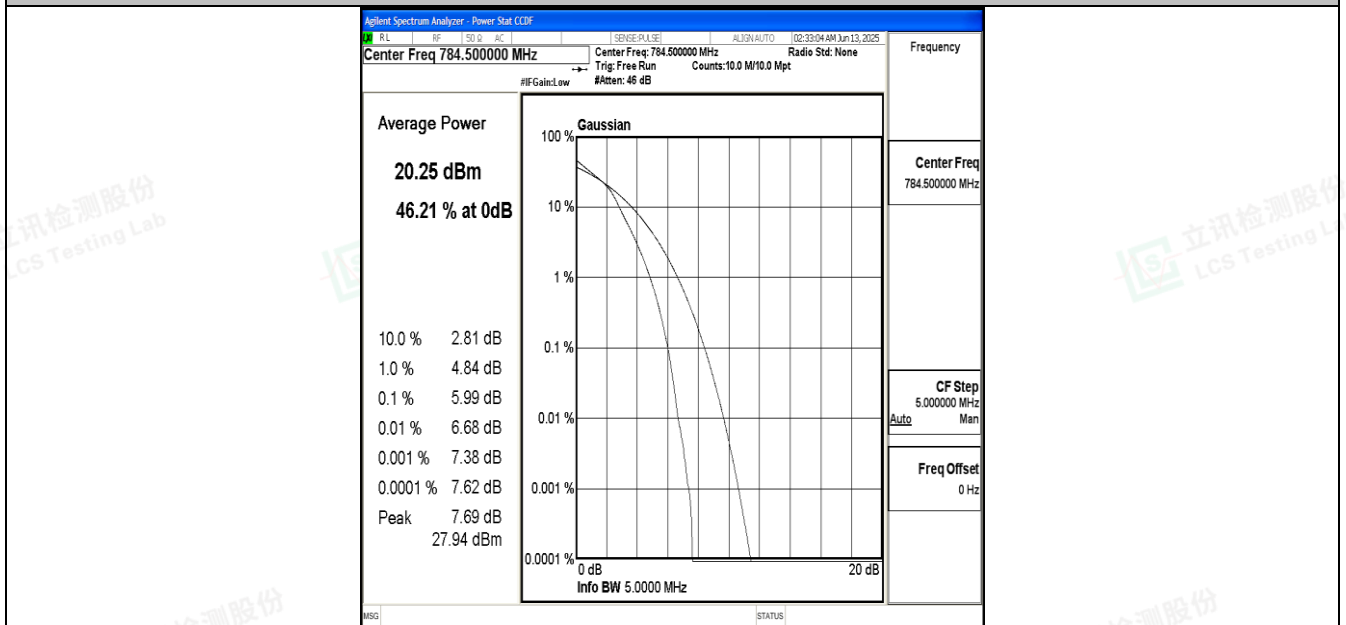
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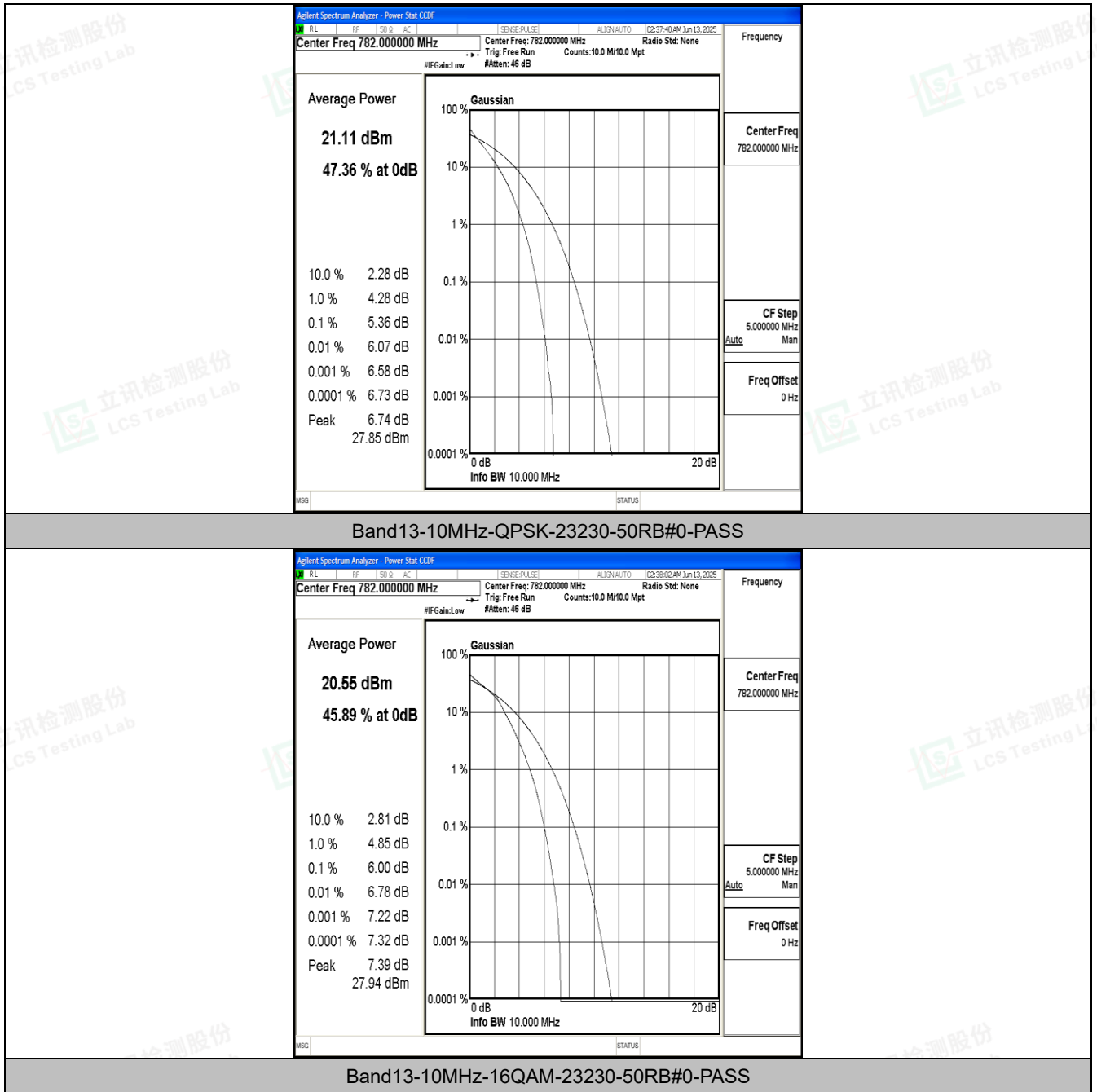
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Band13-5MHz-16QAM-23255-25RB#0-PASS









K.3 26dB Bandwidth and Occupied Bandwidth

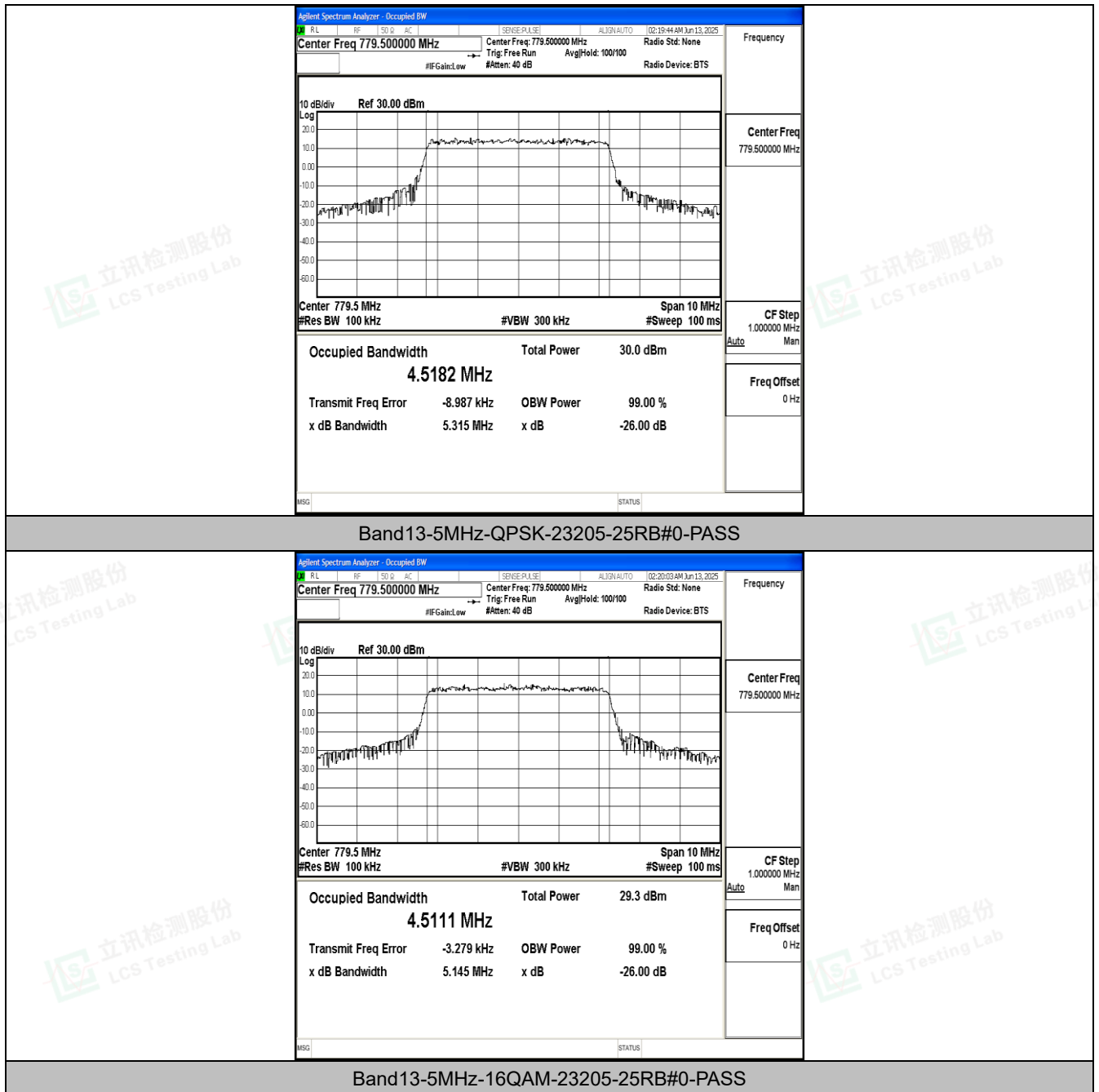
Test Result

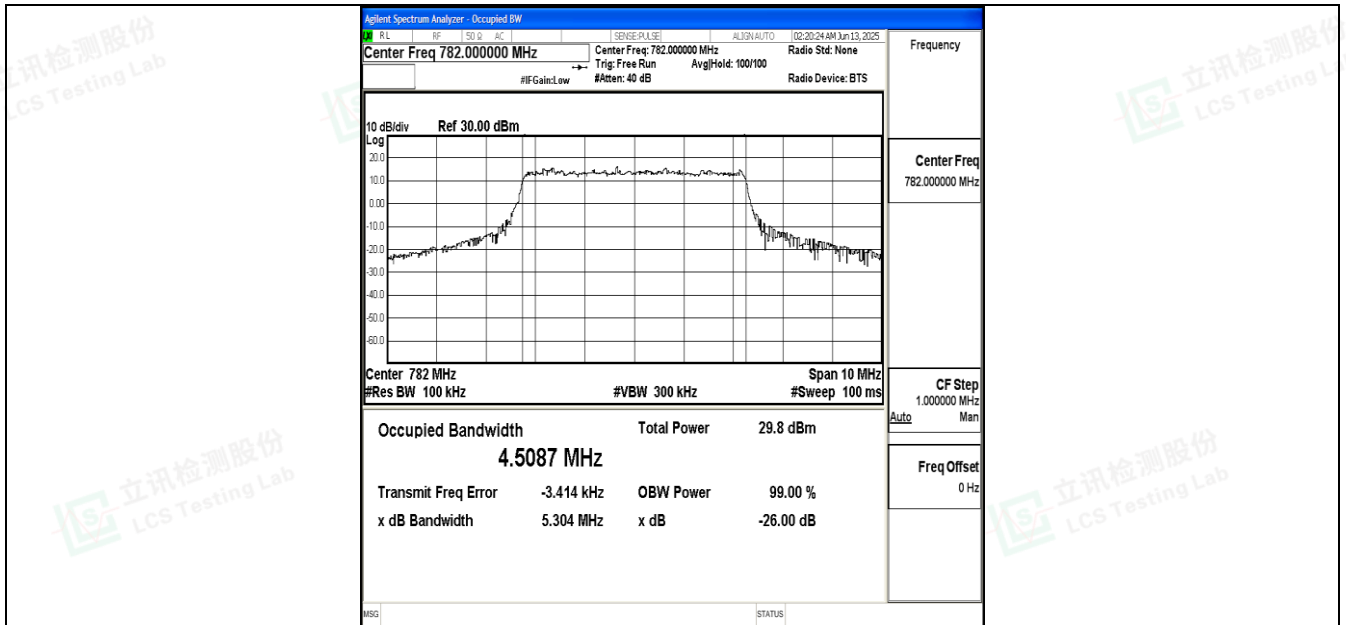
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5182	5.315	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5111	5.145	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5087	5.304	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5295	5.246	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5176	5.205	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5325	5.384	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9738	10.07	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9724	10.09	PASS





Test Graphs



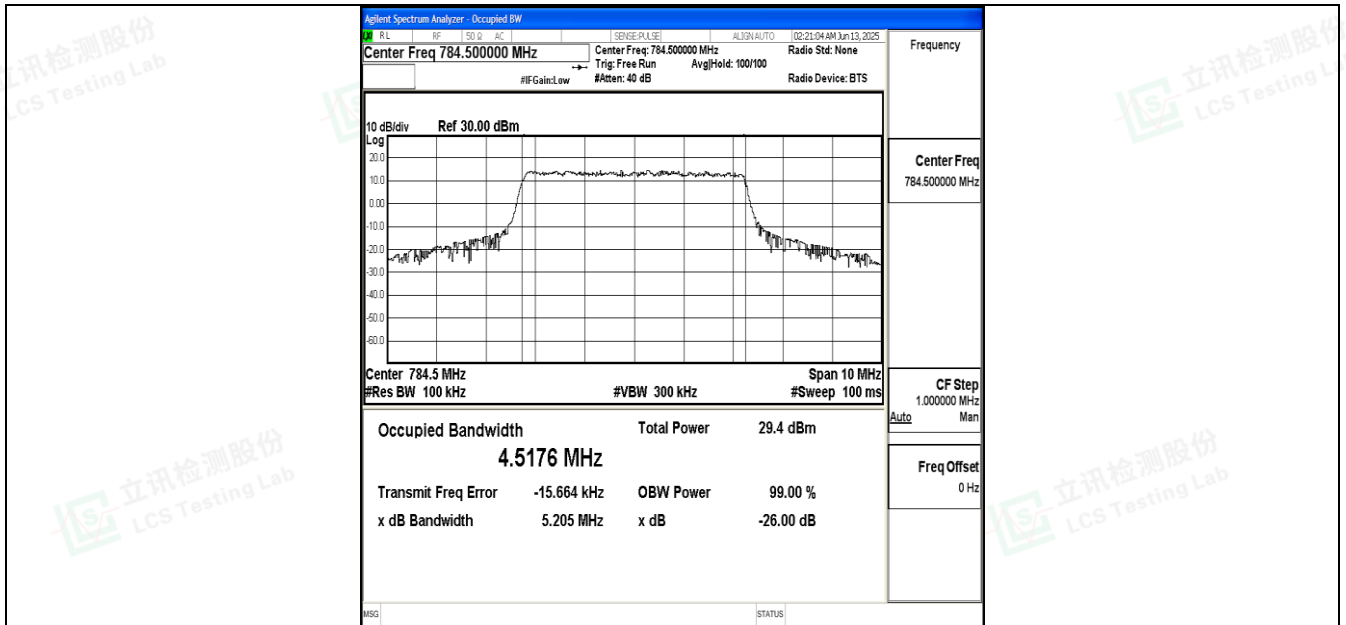


Band13-5MHz-QPSK-23230-25RB#0-PASS

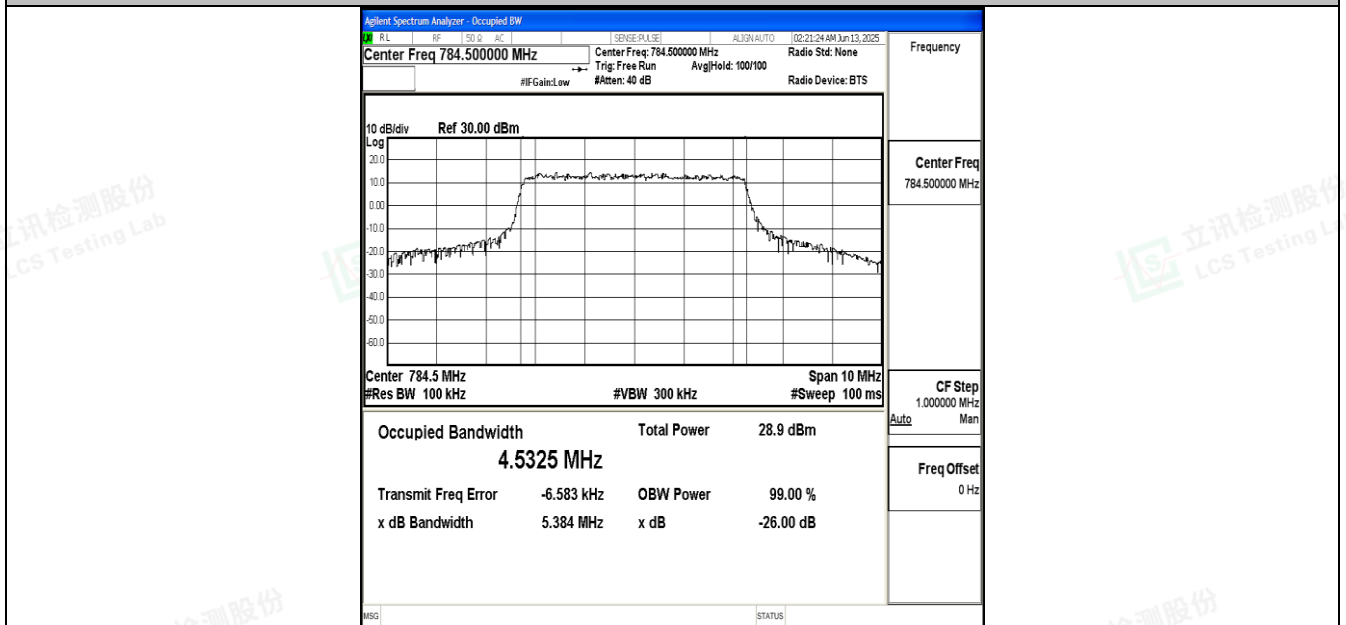


Band13-5MHz-16QAM-23230-25RB#0-PASS



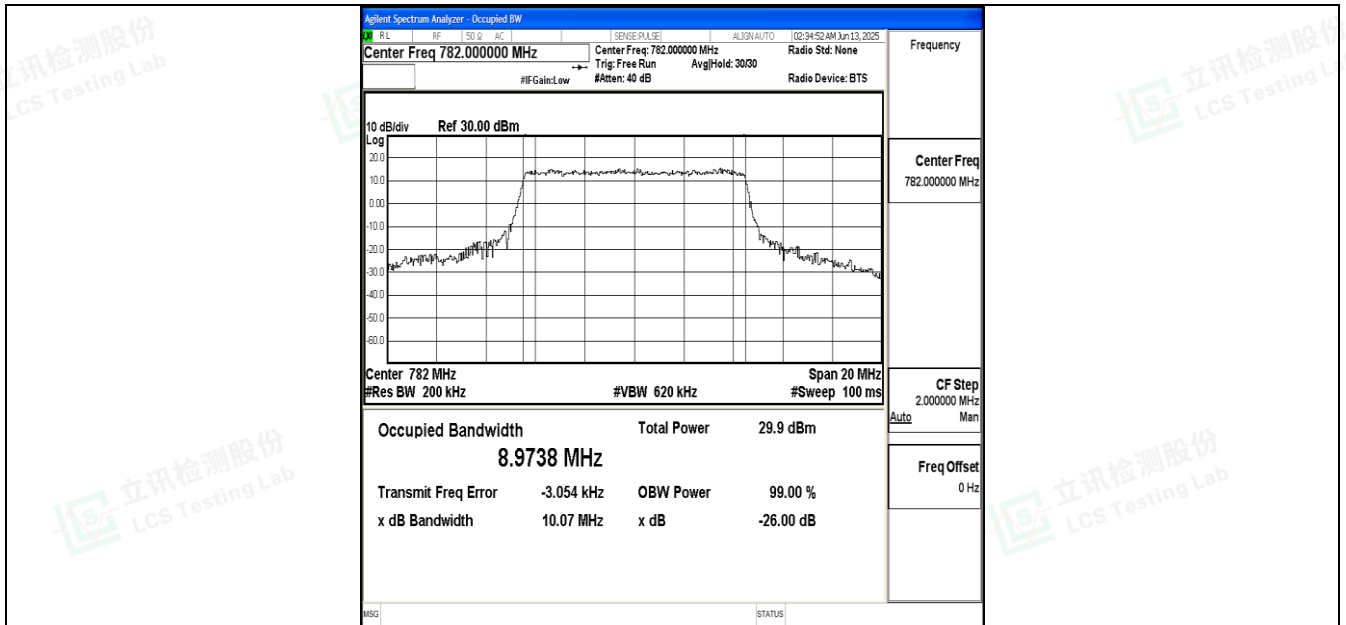


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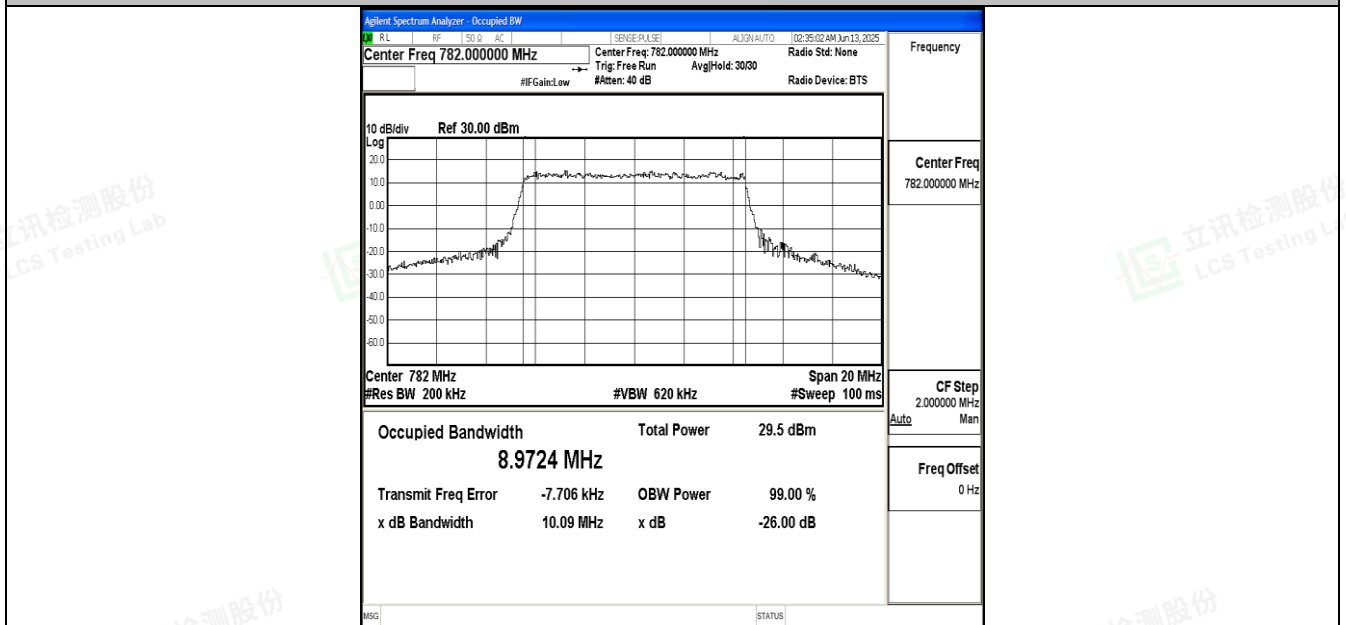


Band13-5MHz-16QAM-23255-25RB#0-PASS





Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-16QAM-23230-50RB#0-PASS



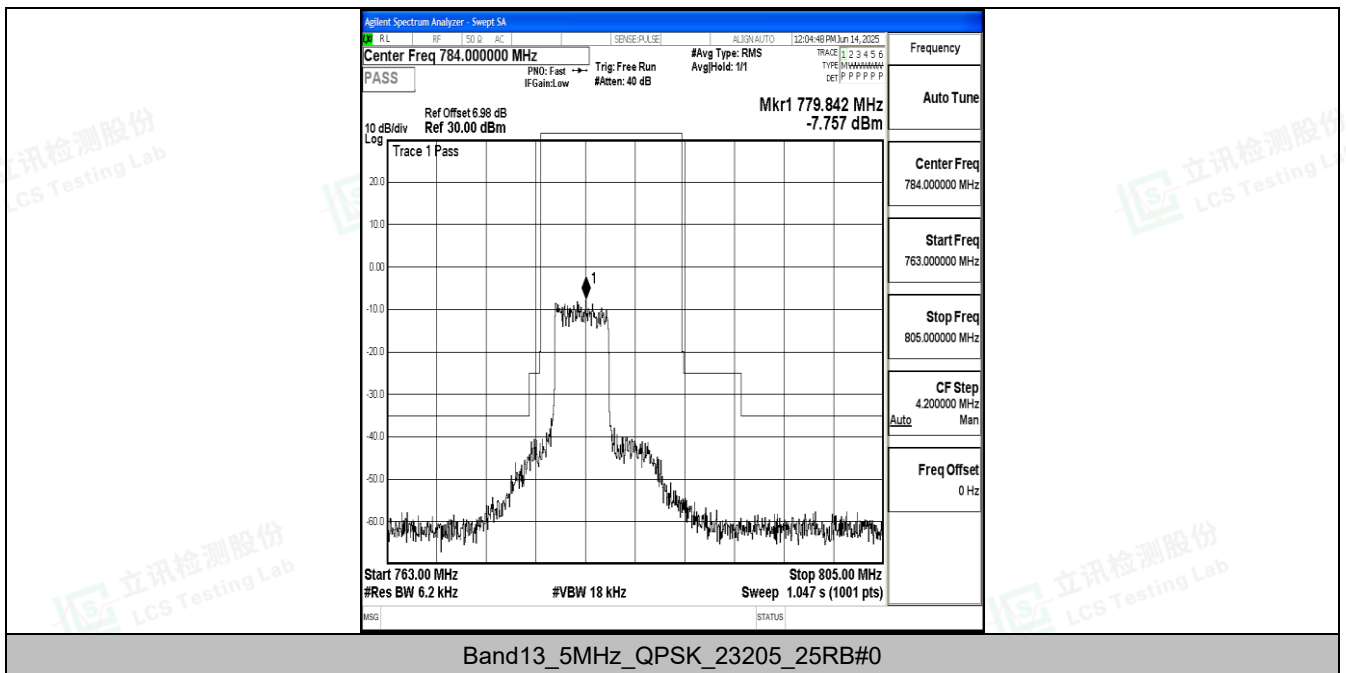


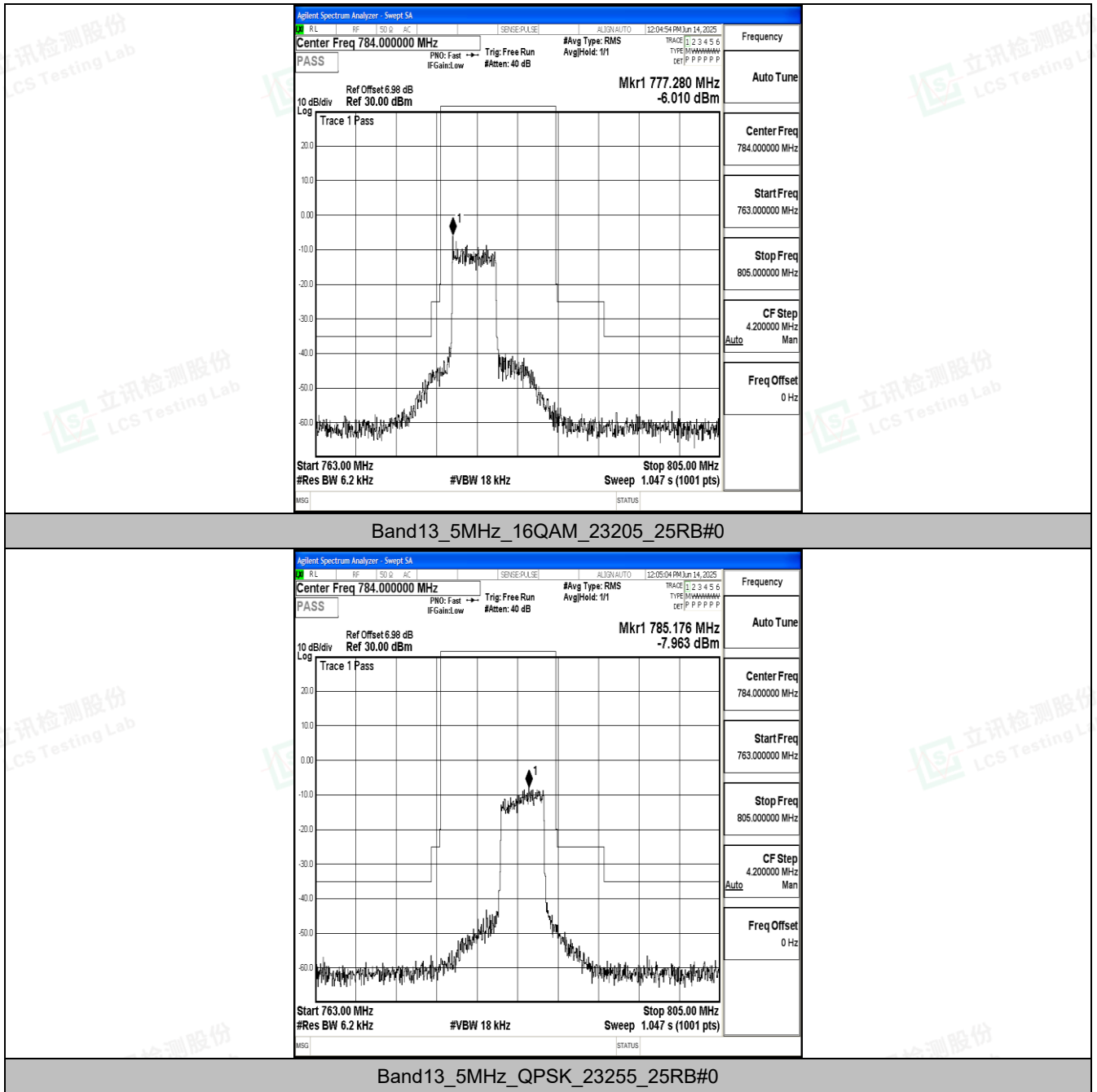
K.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency (MHz)	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.93	-44.79	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.93	-45.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	797.48	-56.60	PASS
Band13	5MHz	16QAM	23255	25RB#0	764.26	-56.82	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.51	-44.66	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.89	-46.15	PASS

Test Graphs



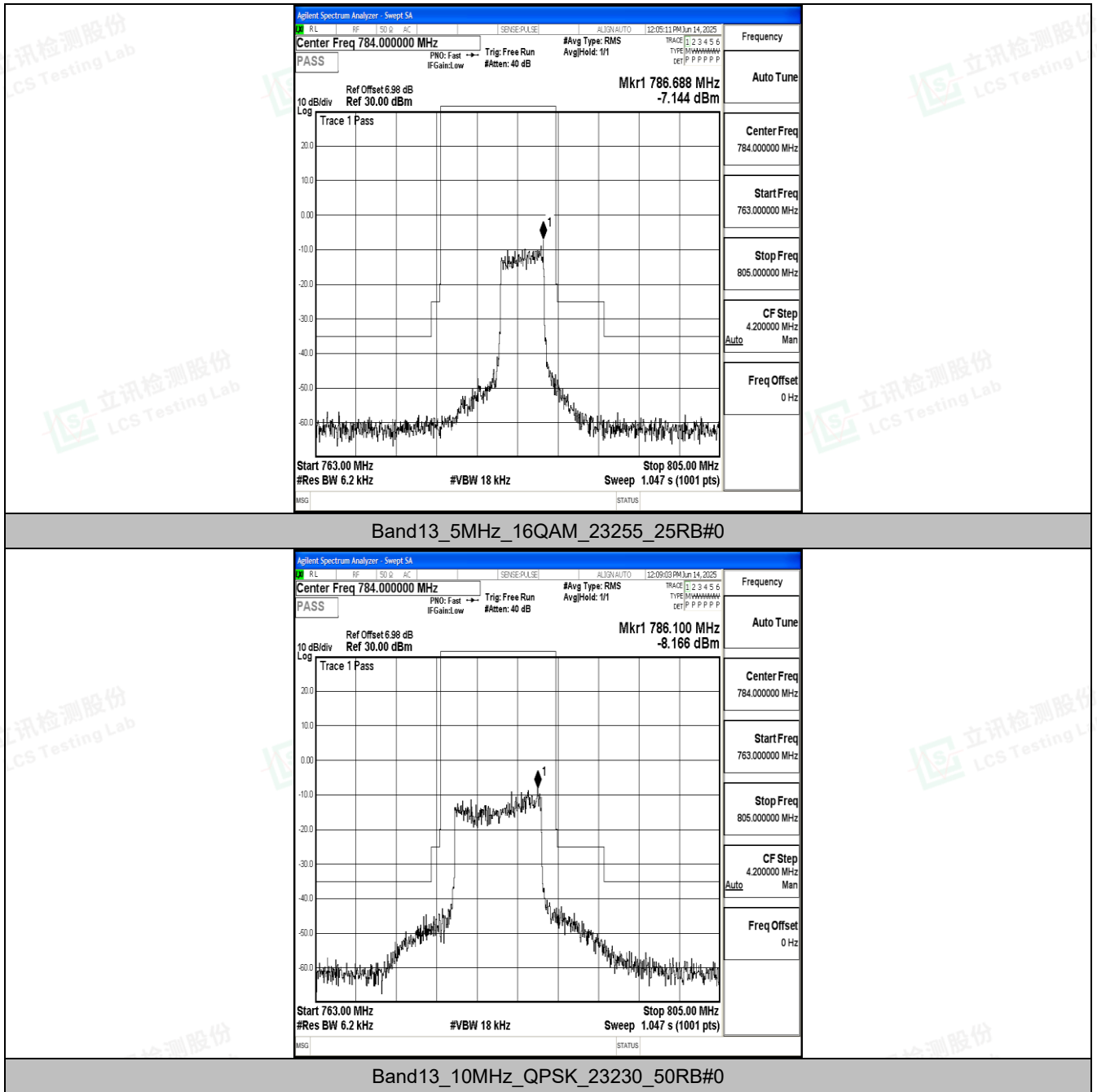


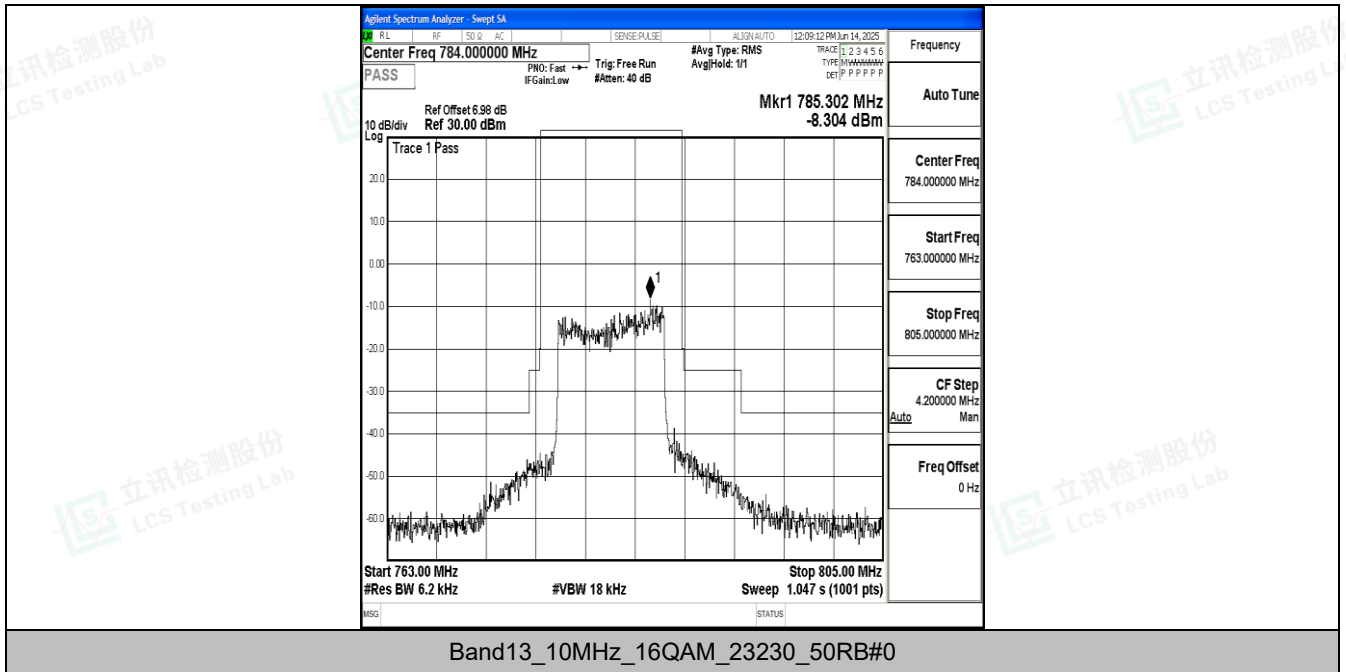
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K.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-57.93	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-50.21	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-52.32	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-38.55	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-35.36	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-57.63	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-46.82	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-52.58	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-39.39	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-34.92	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-54.97	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-45.13	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-52.90	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-38.52	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-34.94	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-54.45	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-46.80	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-53.26	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-38.48	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-35.30	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-57.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-46.05	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-52.32	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-39.00	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-35.55	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-59.18	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-45.69	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-52.33	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-38.39	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-34.79	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-58.39	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-47.46	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-52.89	PASS



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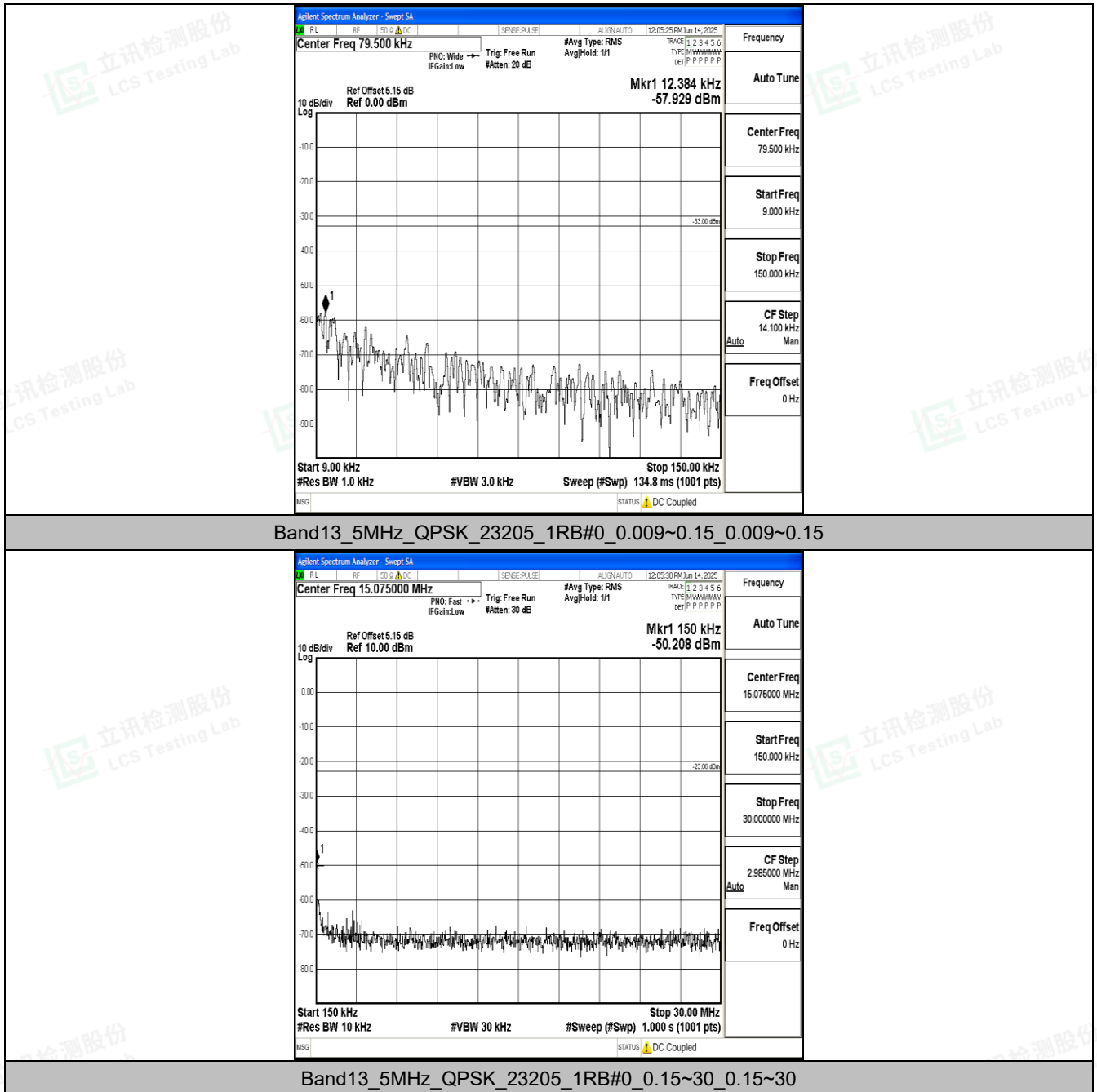
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Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-39.32	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-35.43	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-57.76	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-46.46	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-52.49	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-38.79	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-34.64	PASS

Test Graphs

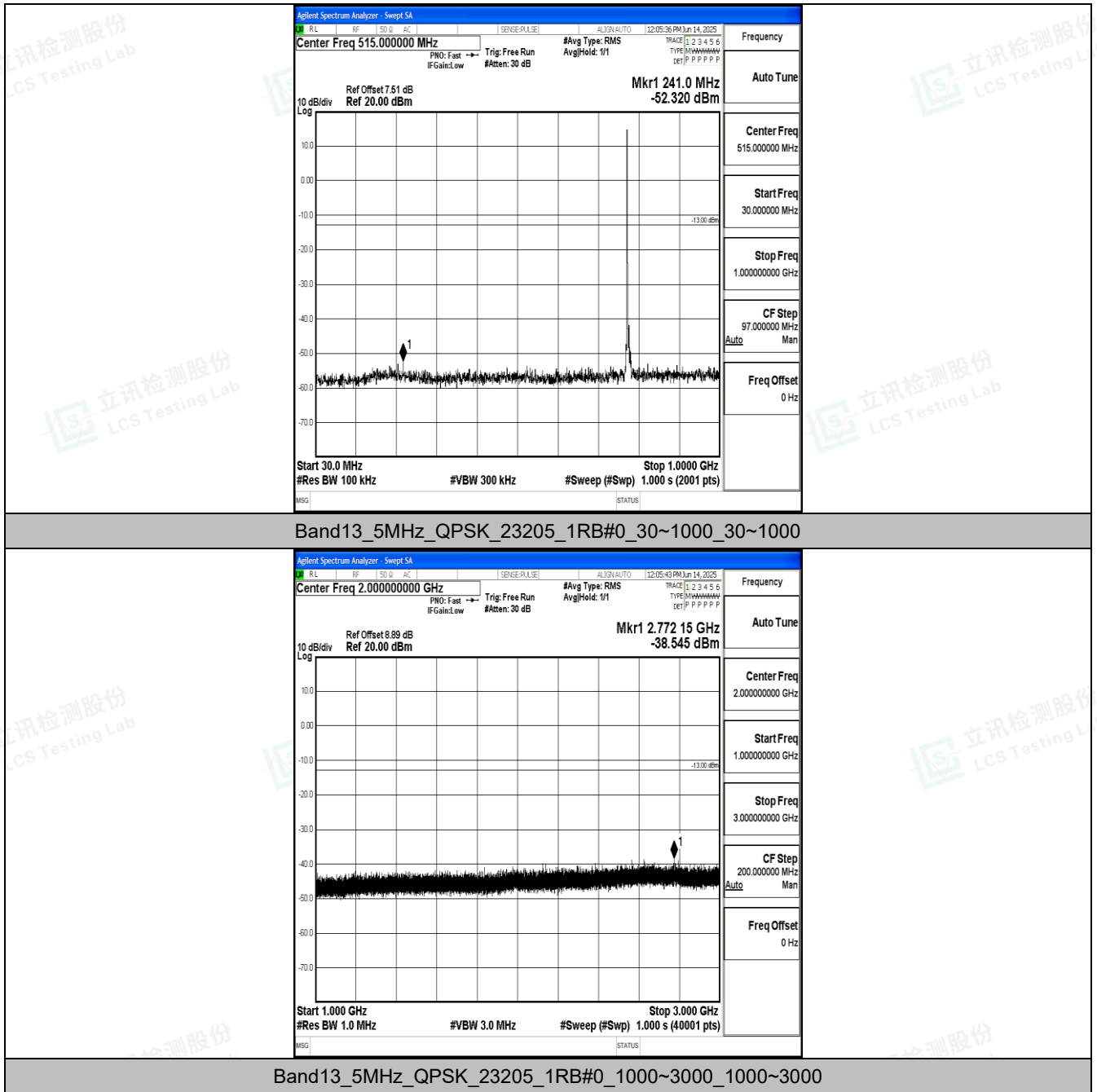


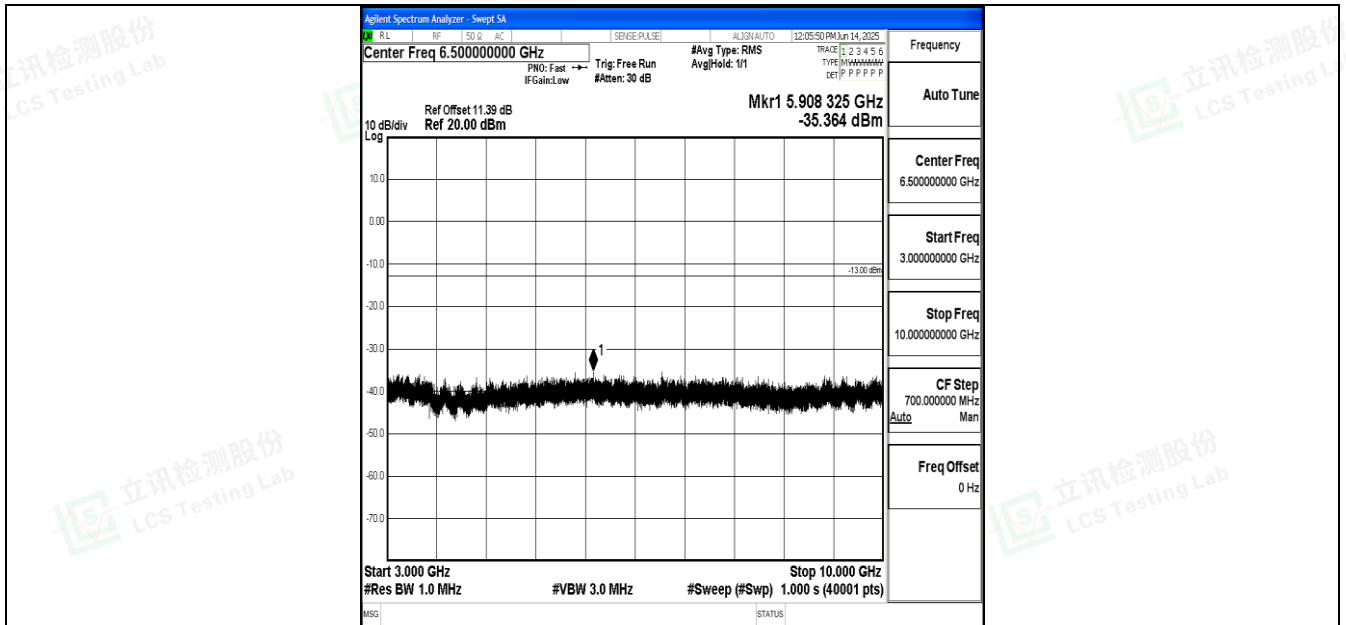
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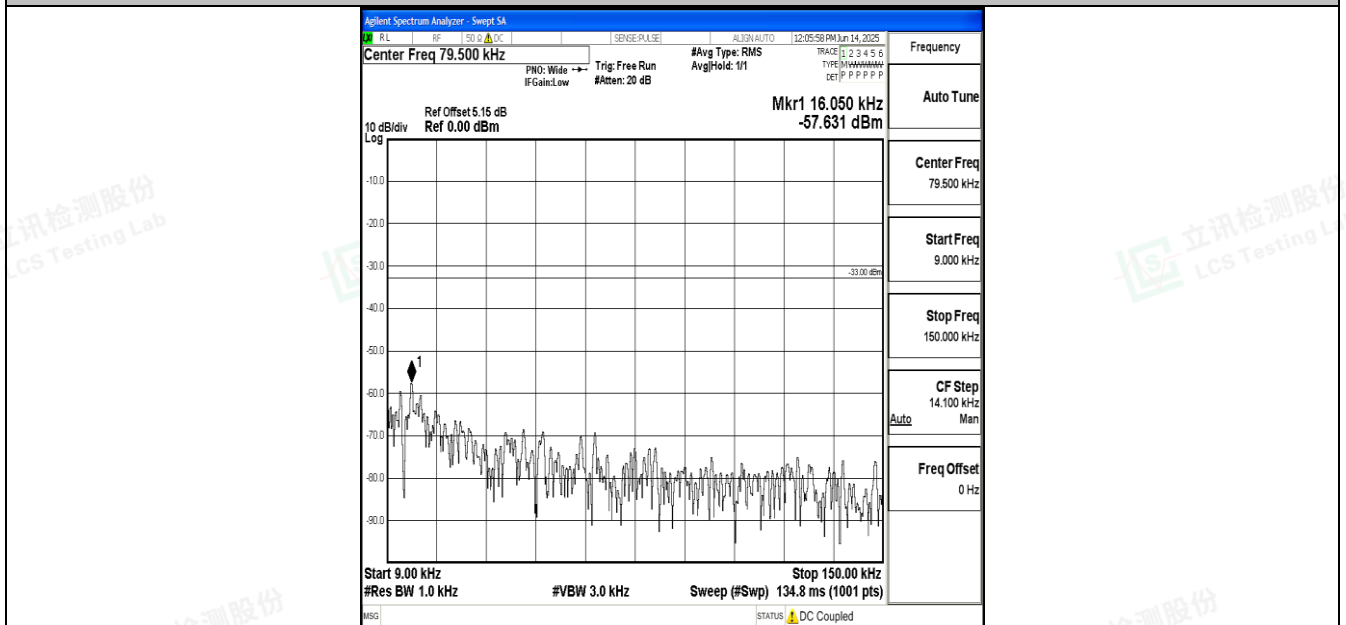
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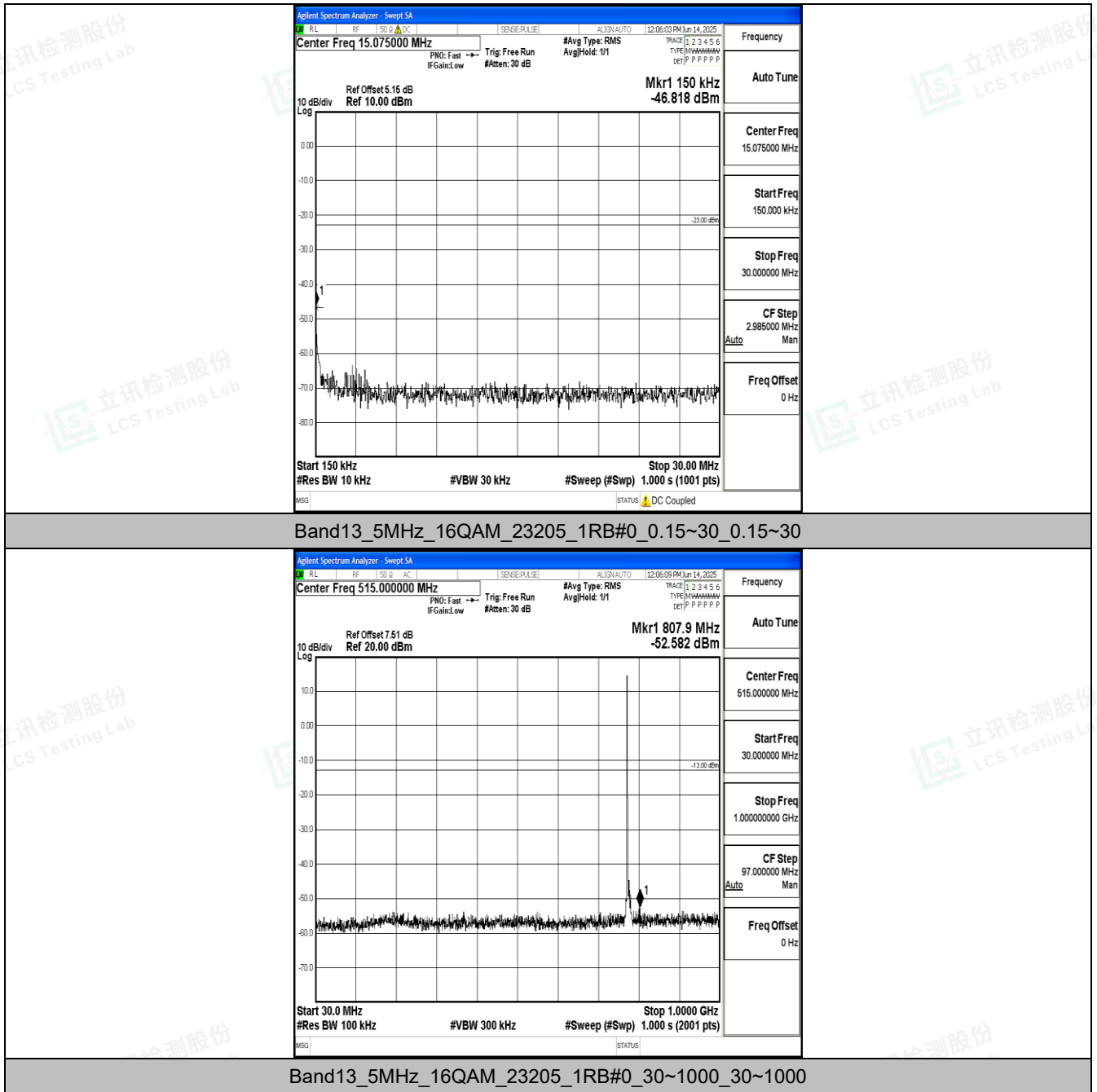


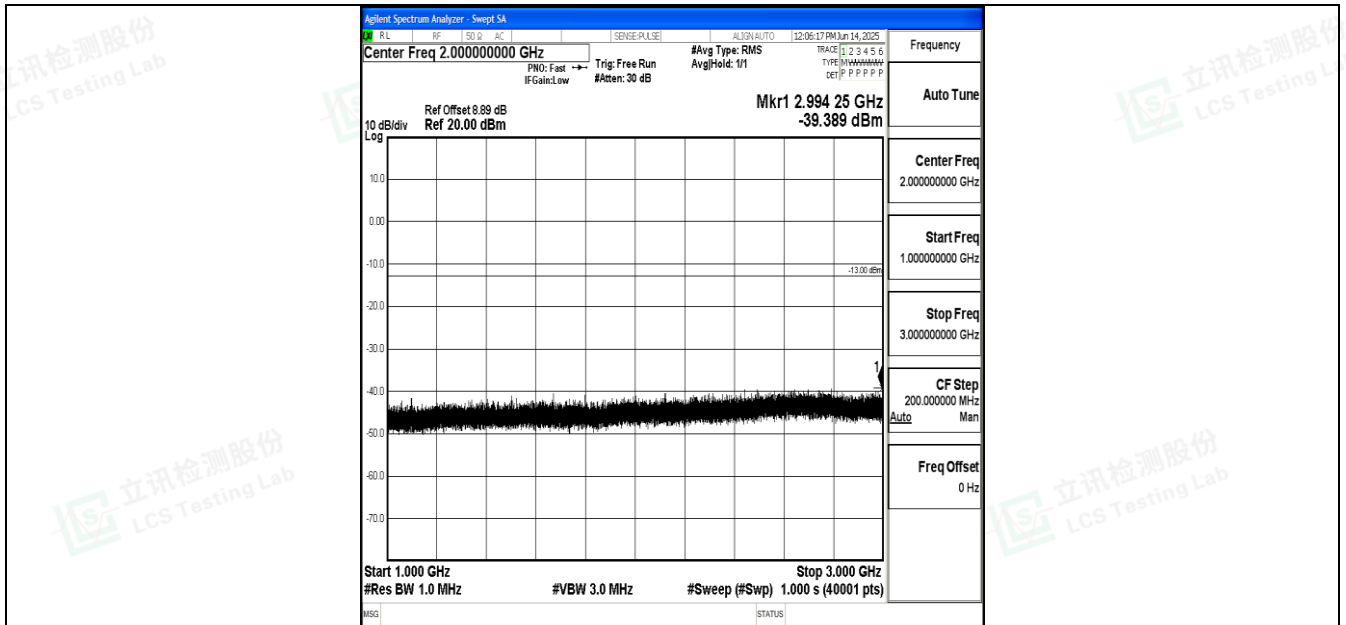
Band13_5MHz_QPSK_23205_1RB#0_3000~10000_3000~10000



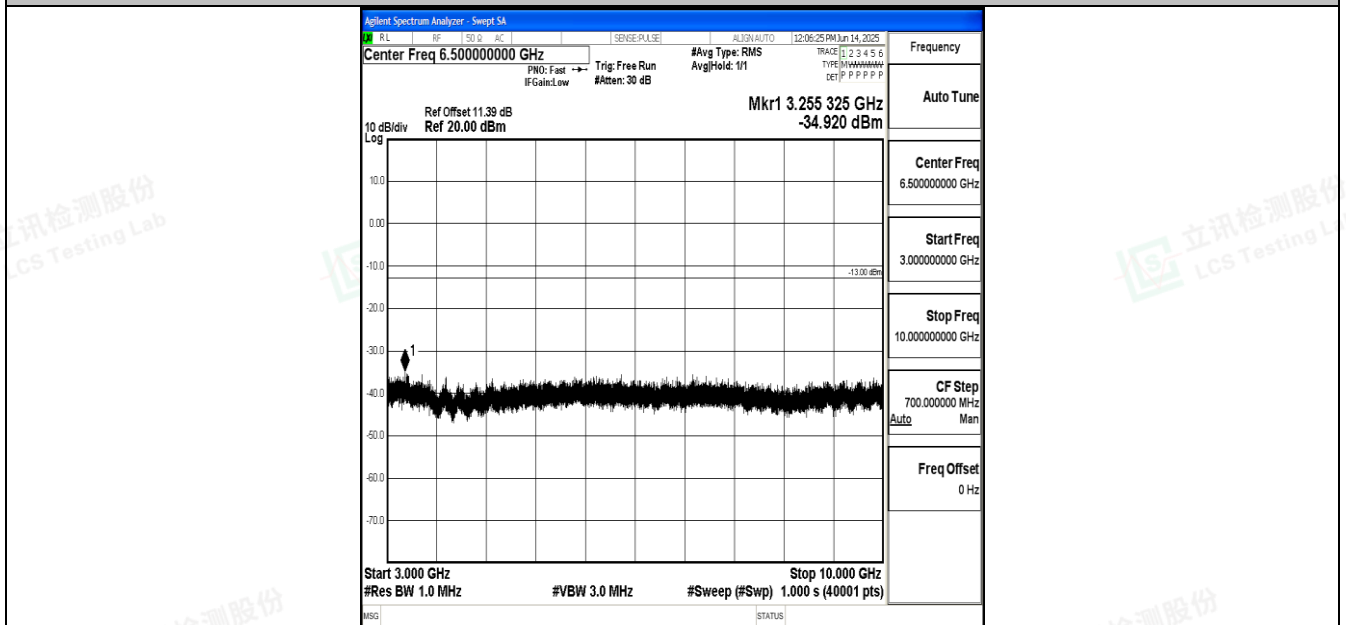
Band13_5MHz_16QAM_23205_1RB#0_0.009~0.15_0.009~0.15





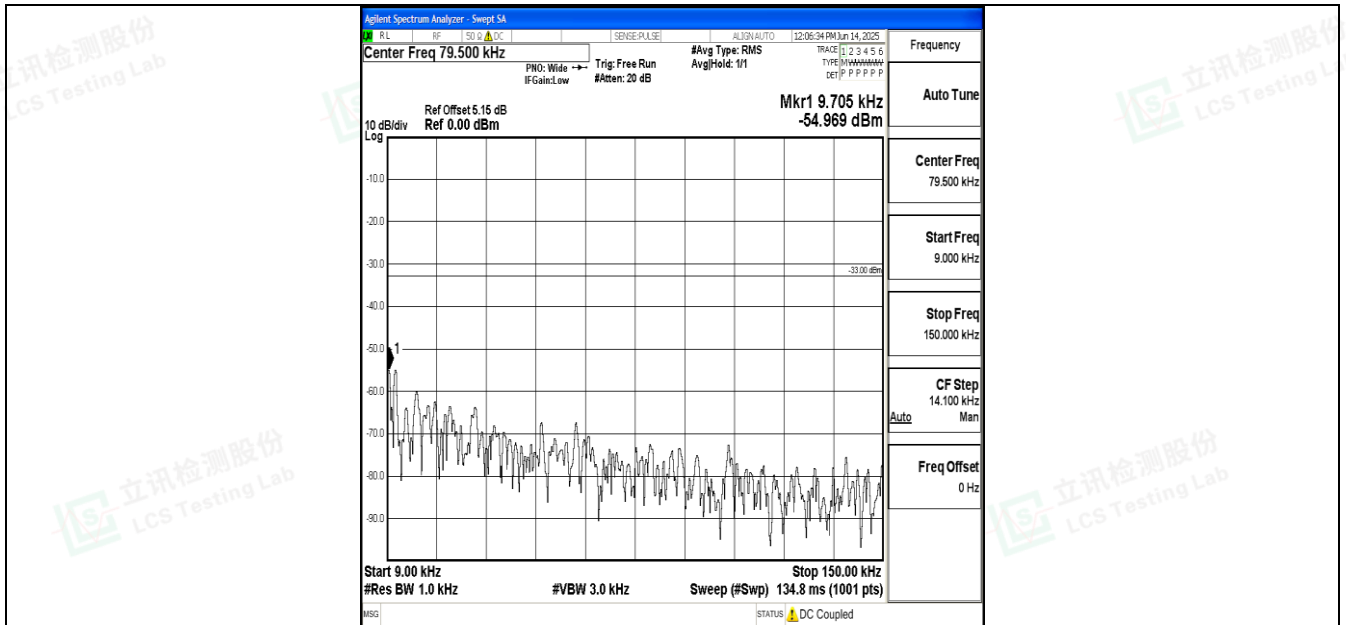


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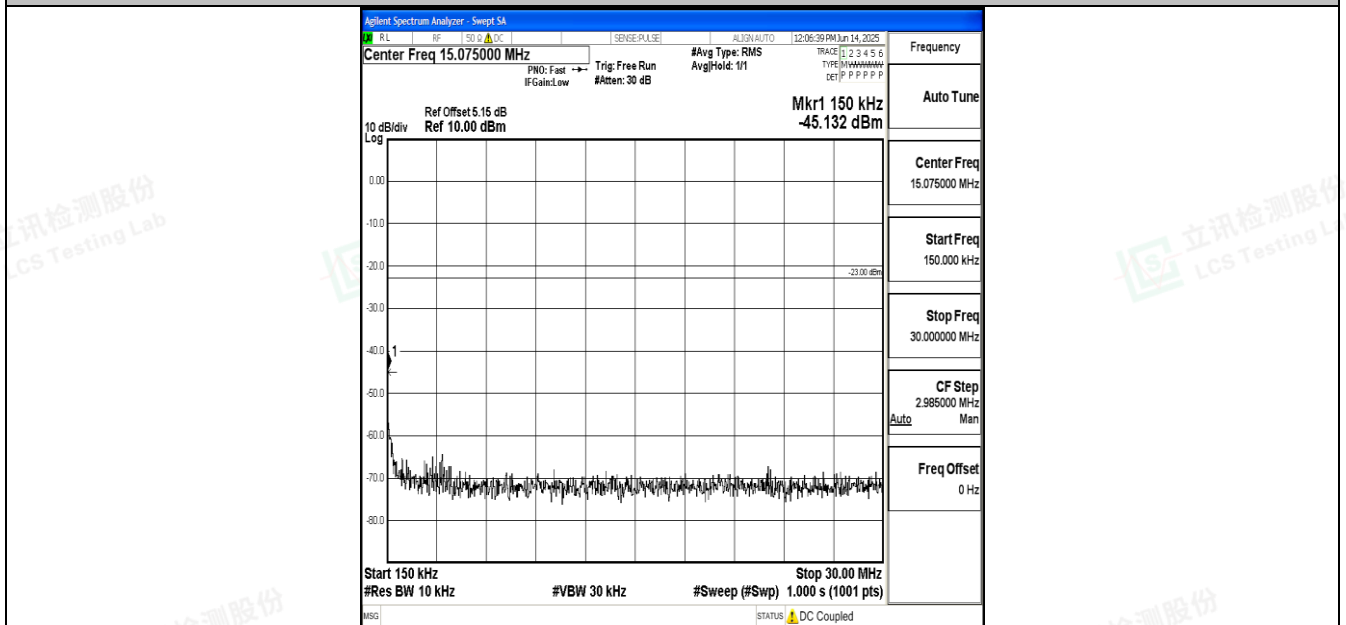


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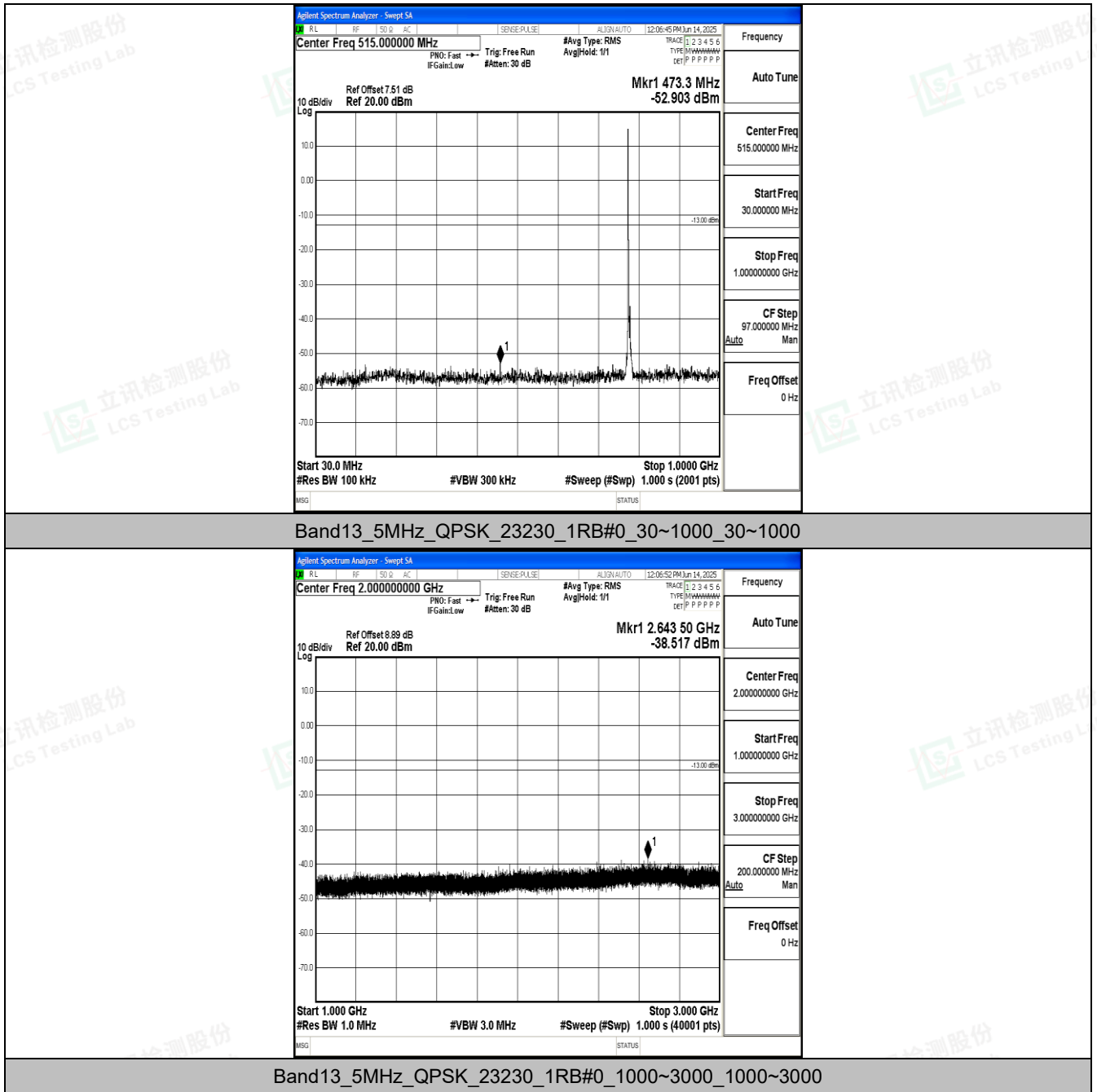


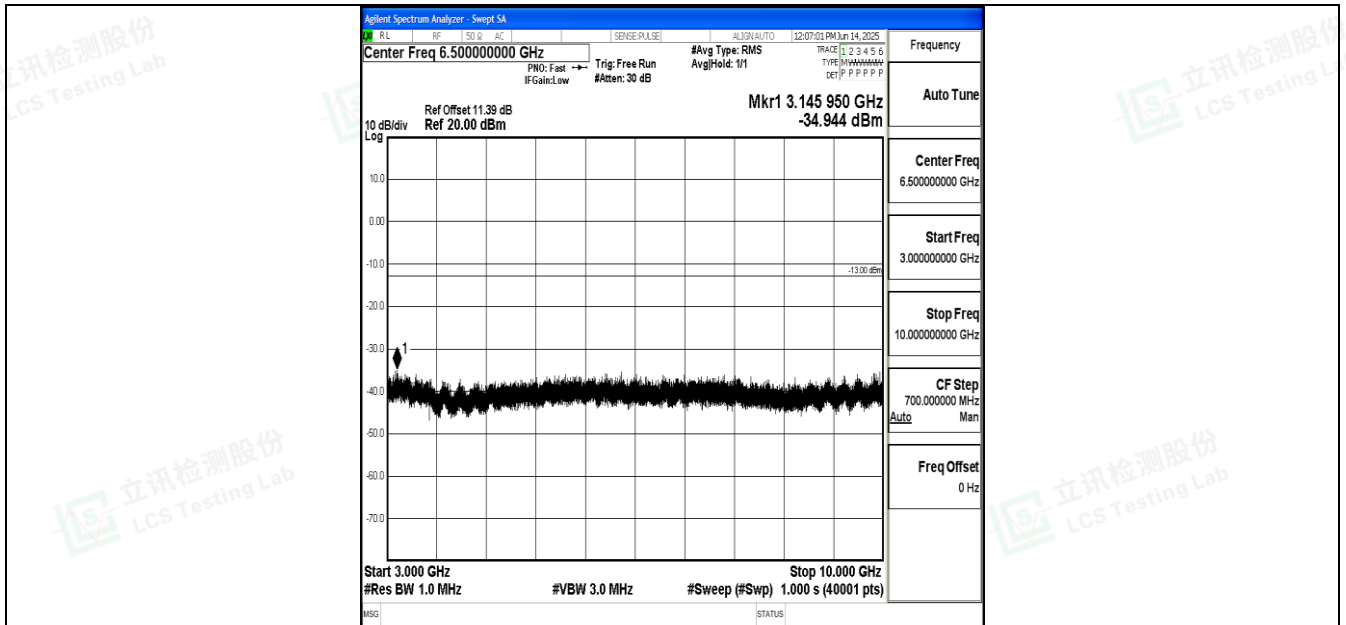
Band13_5MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



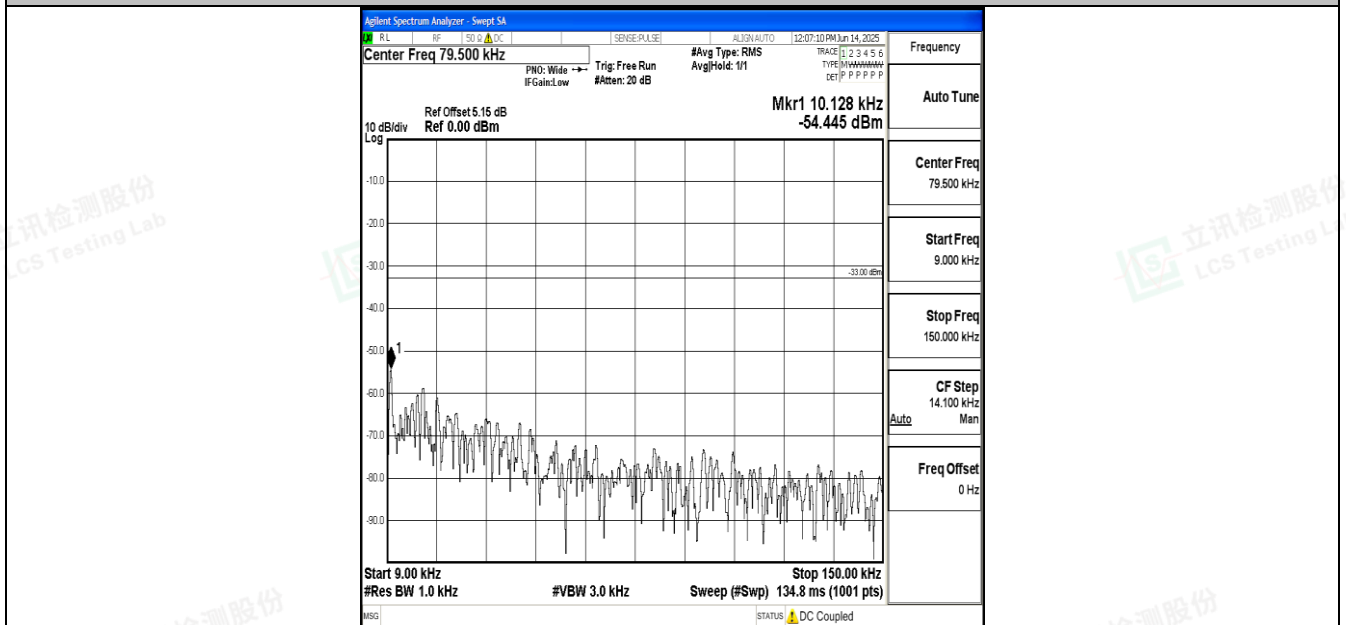
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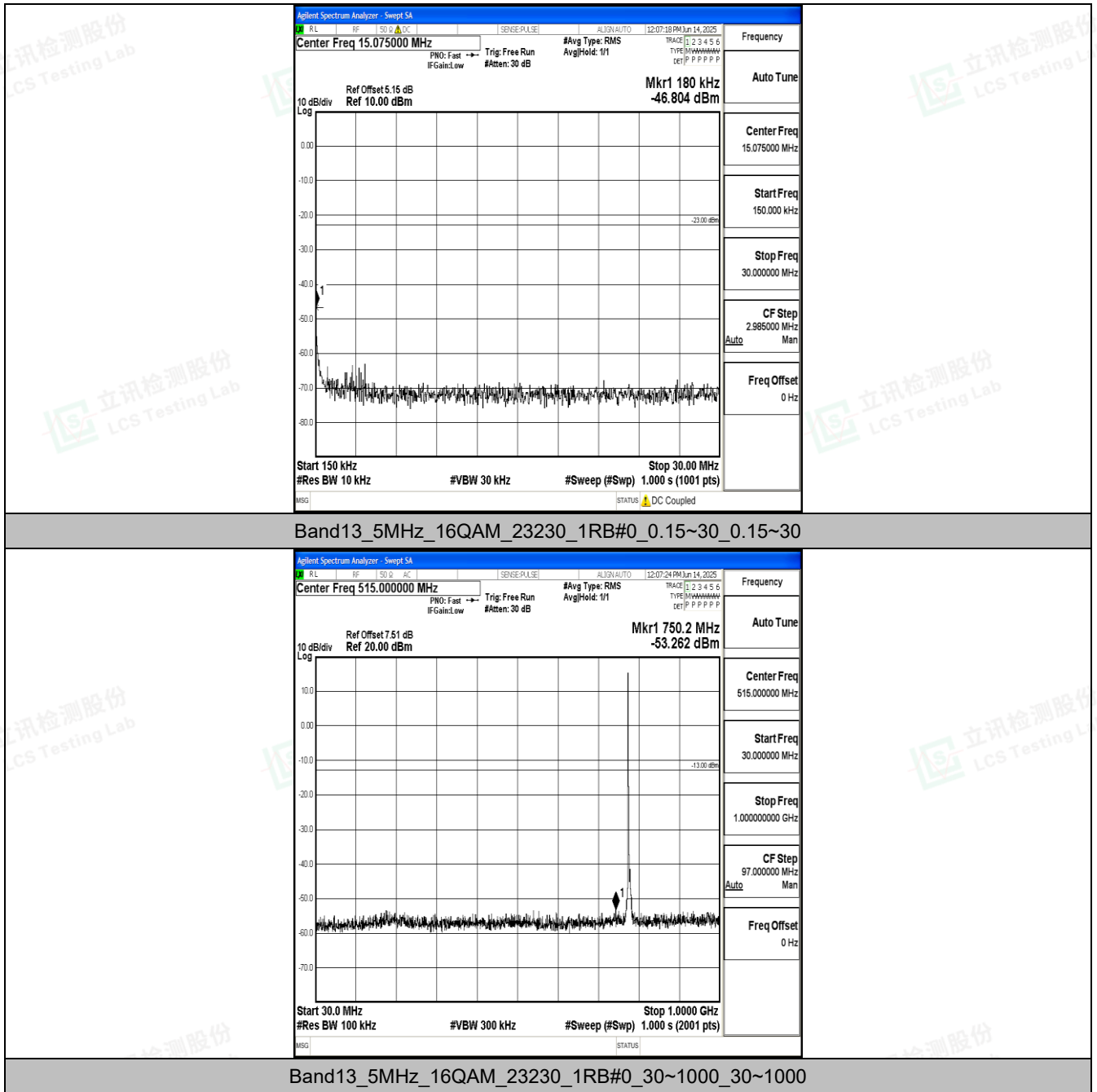


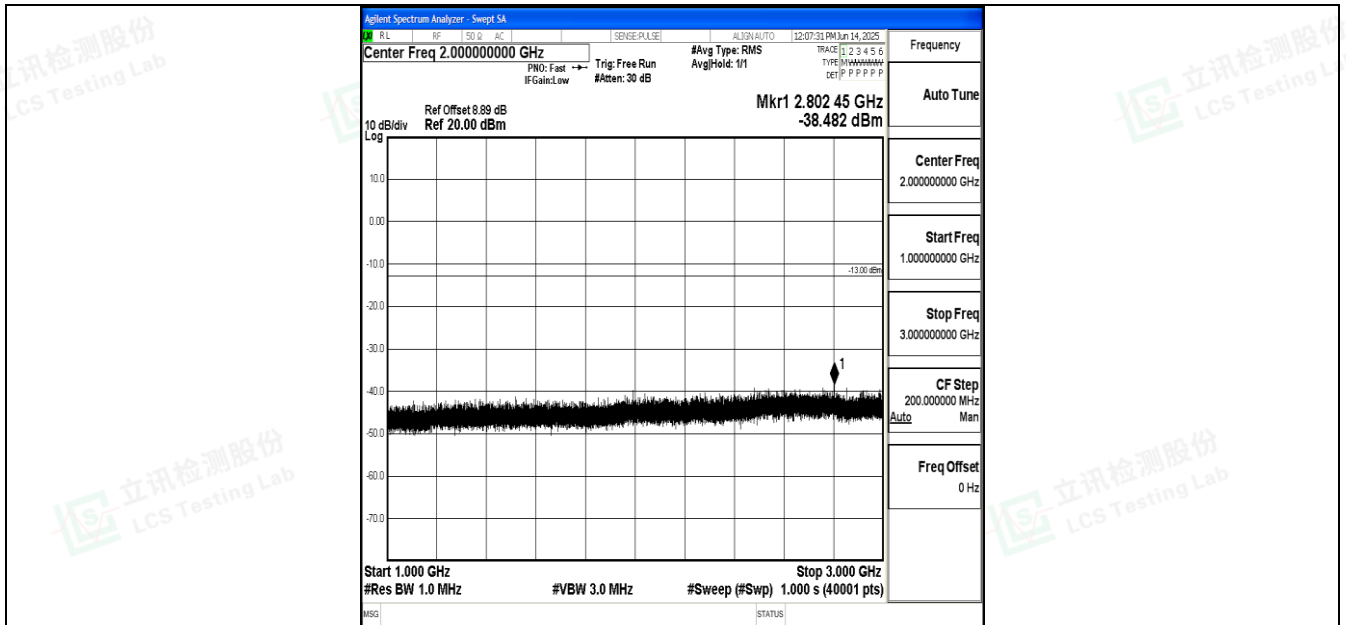
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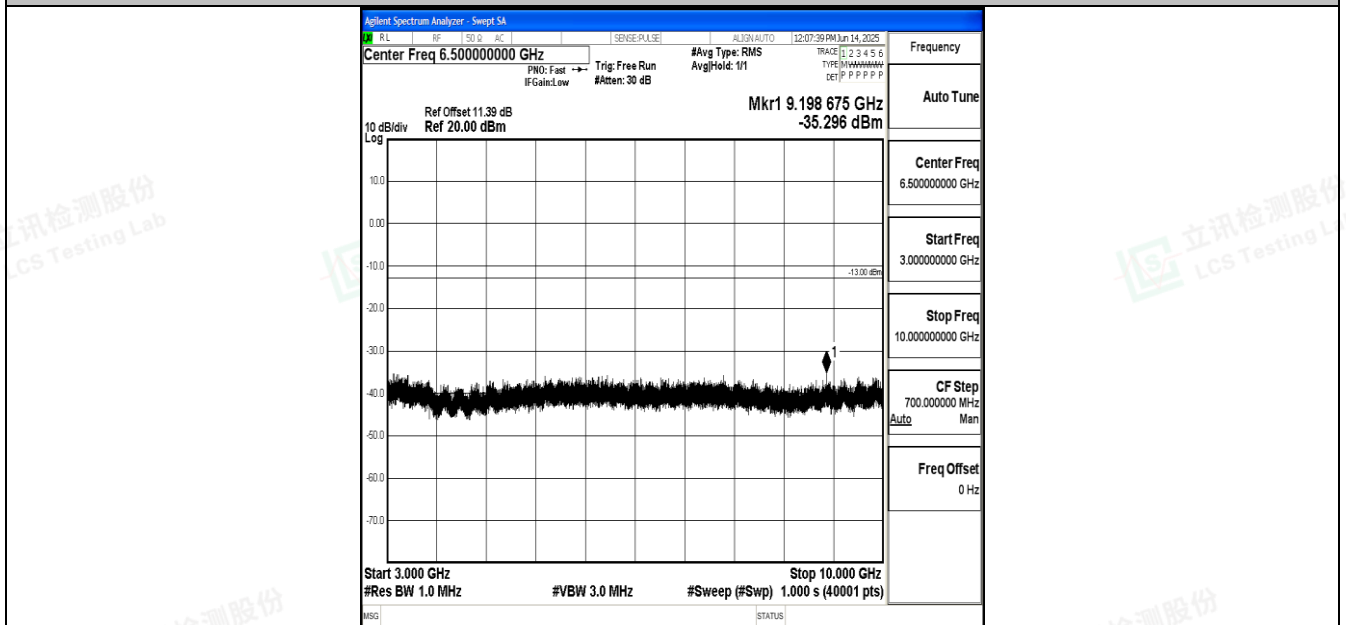
Band13_5MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15







Band13_5MHz_16QAM_23230_1RB#0_1000~3000_1000~3000



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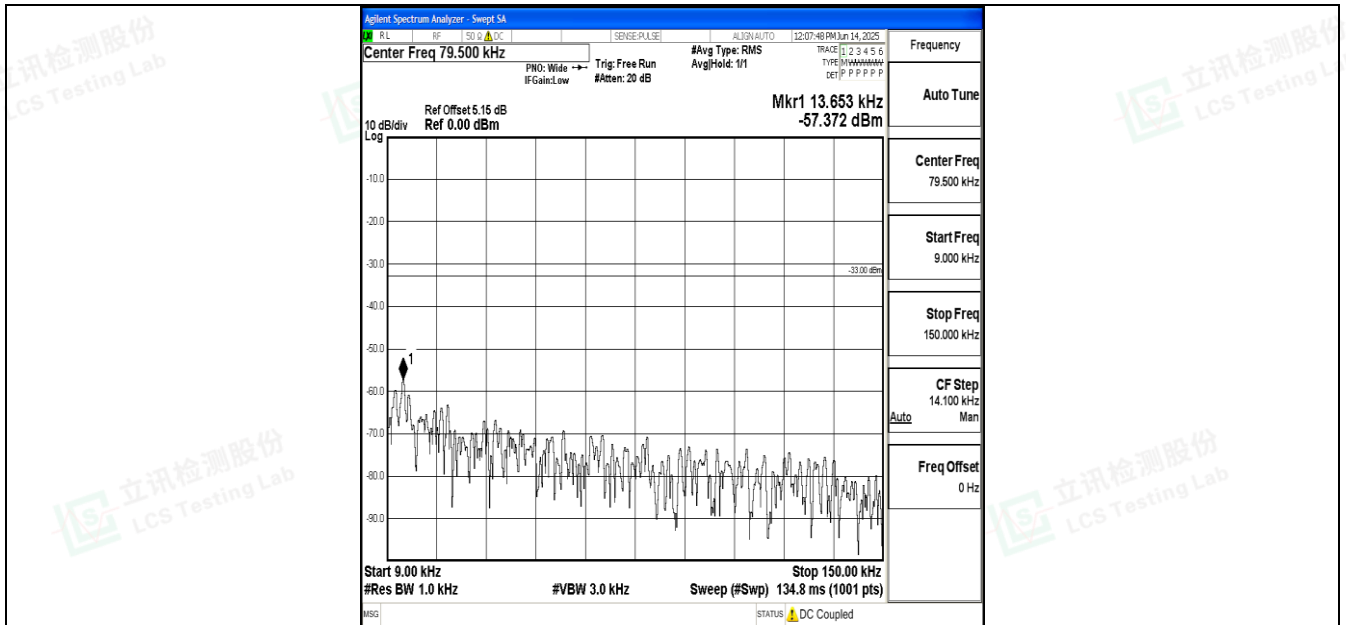


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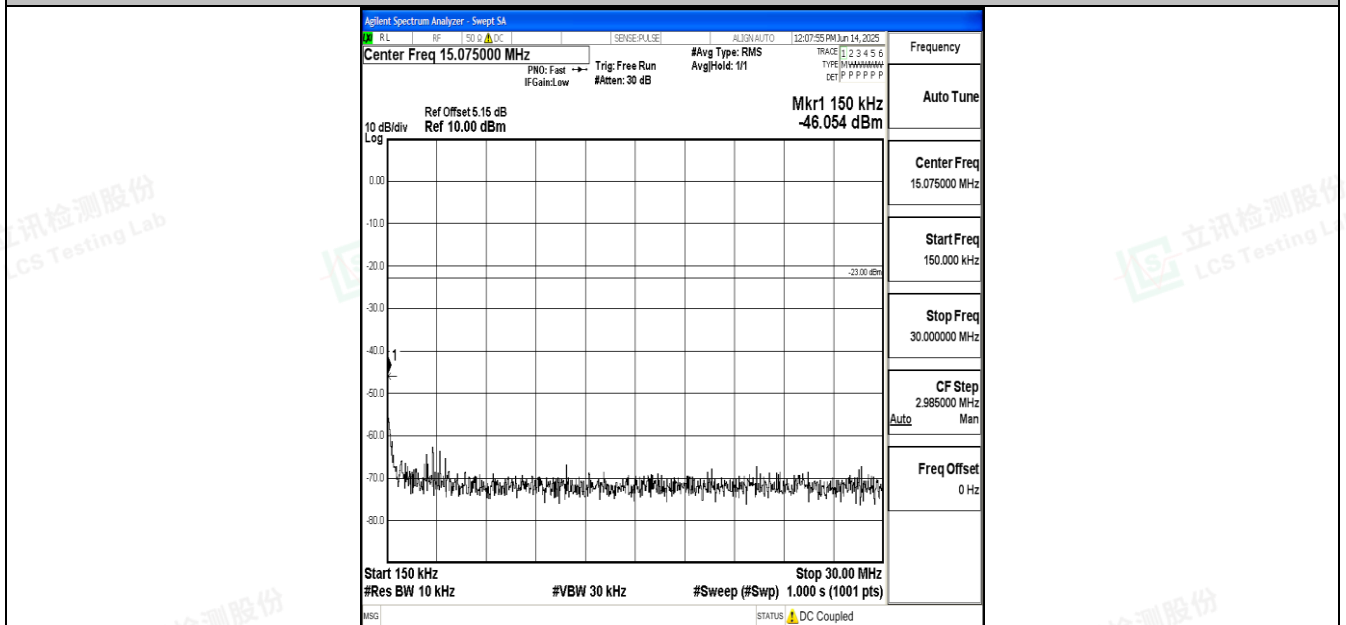
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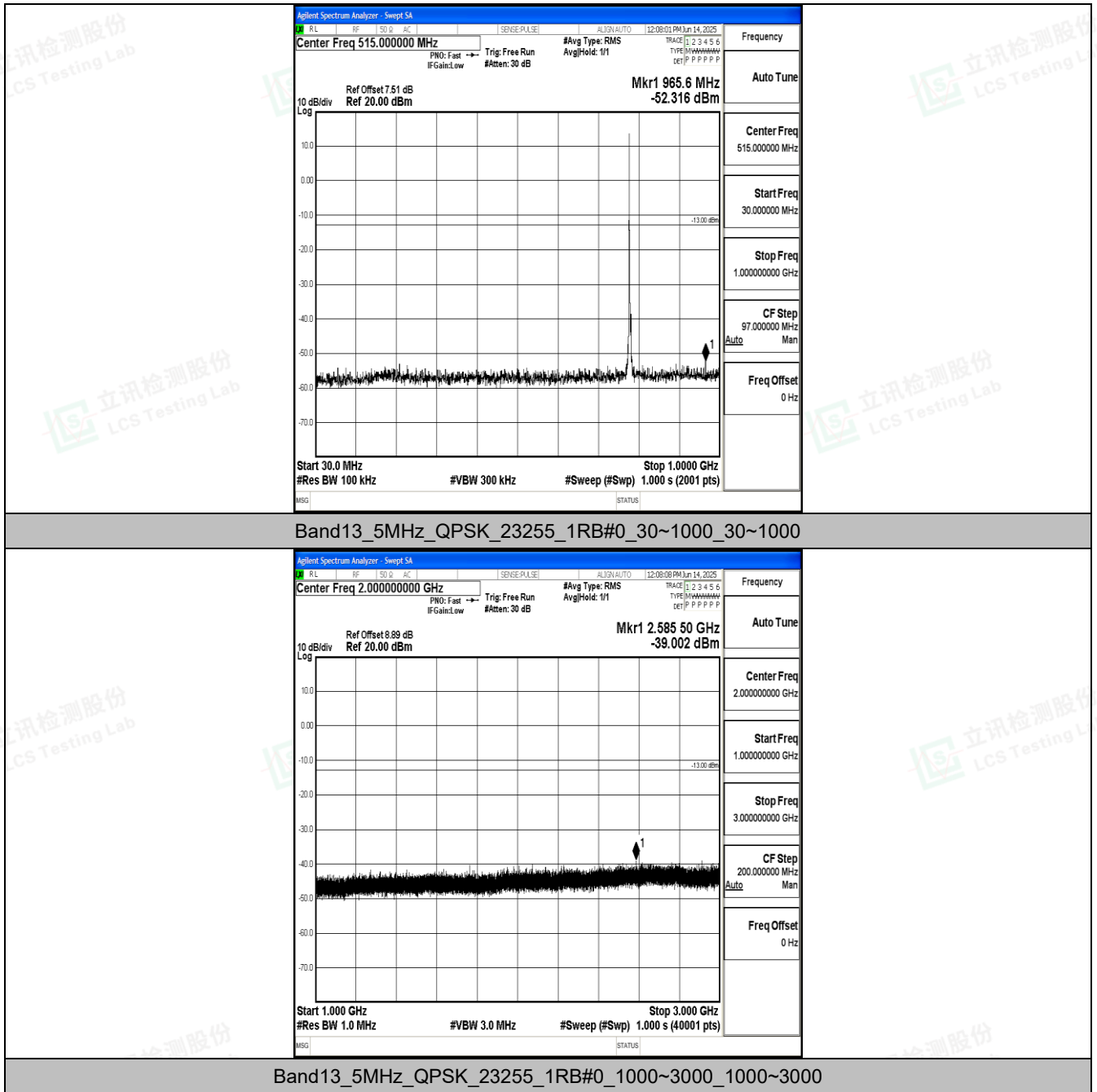


Band13_5MHz_QPSK_23255_1RB#0_0.009~0.15_0.009~0.15



Band13_5MHz_QPSK_23255_1RB#0_0.15~30_0.15~30



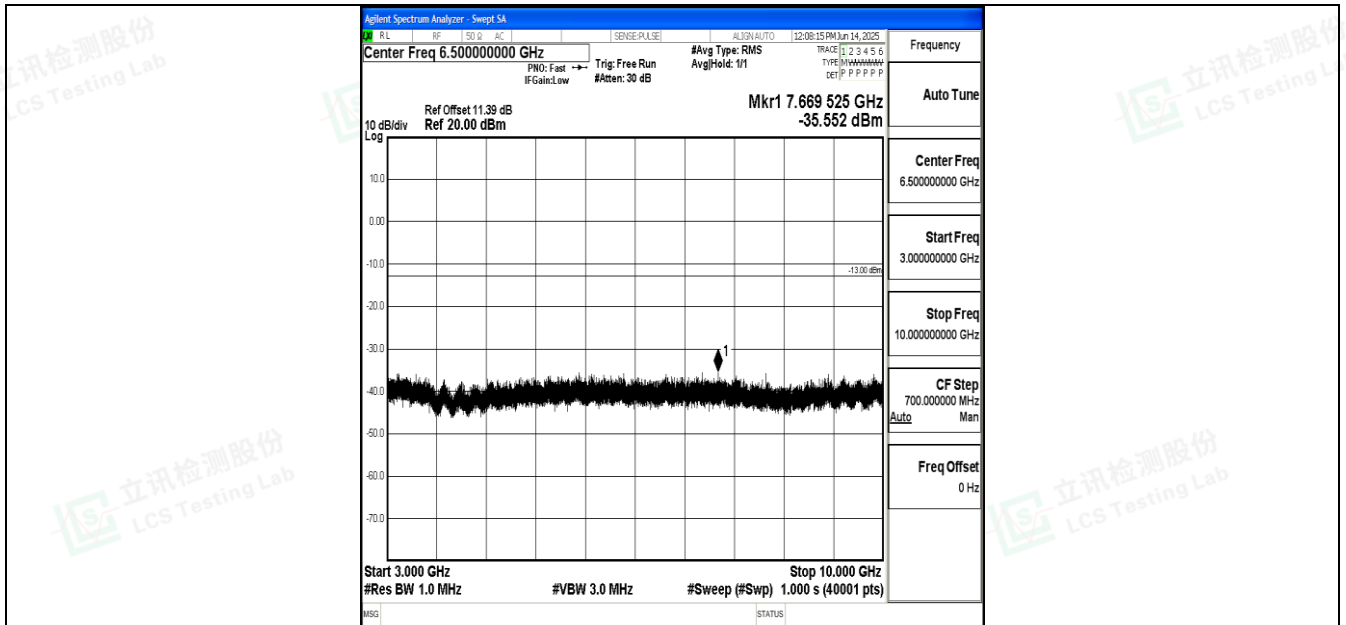


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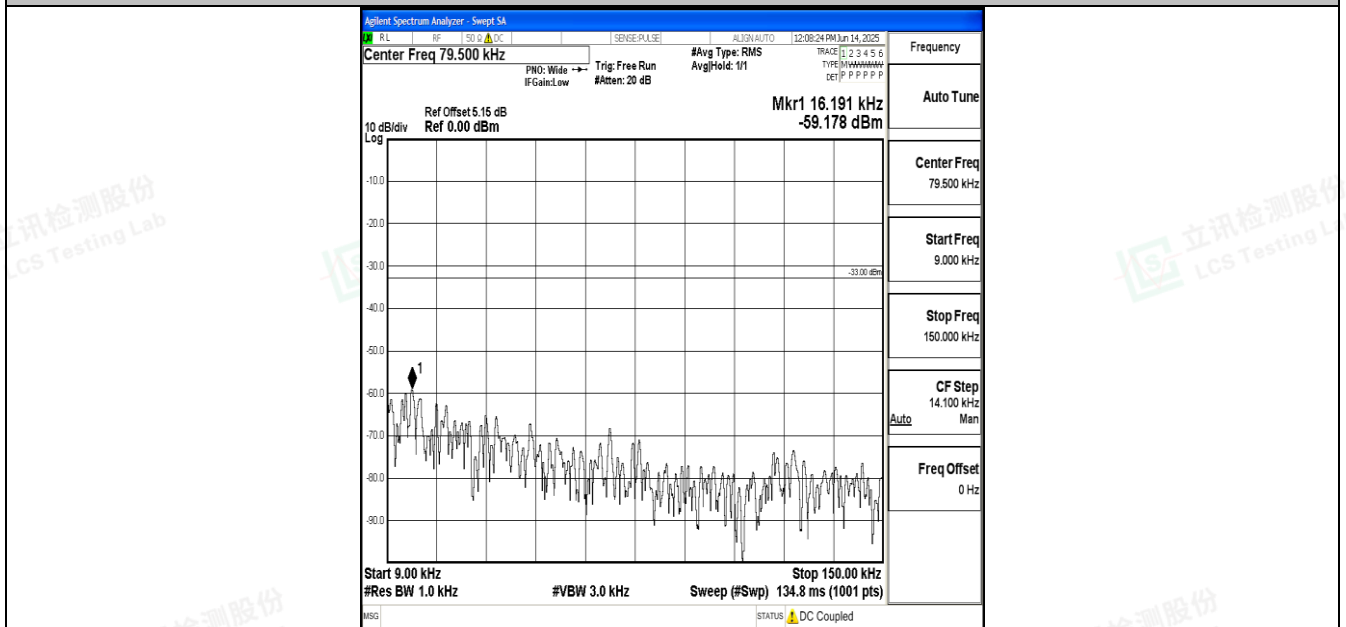
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Band13_5MHz_QPSK_23255_1RB#0_3000~10000_3000~10000



Band13_5MHz_16QAM_23255_1RB#0_0.009~0.15_0.009~0.15

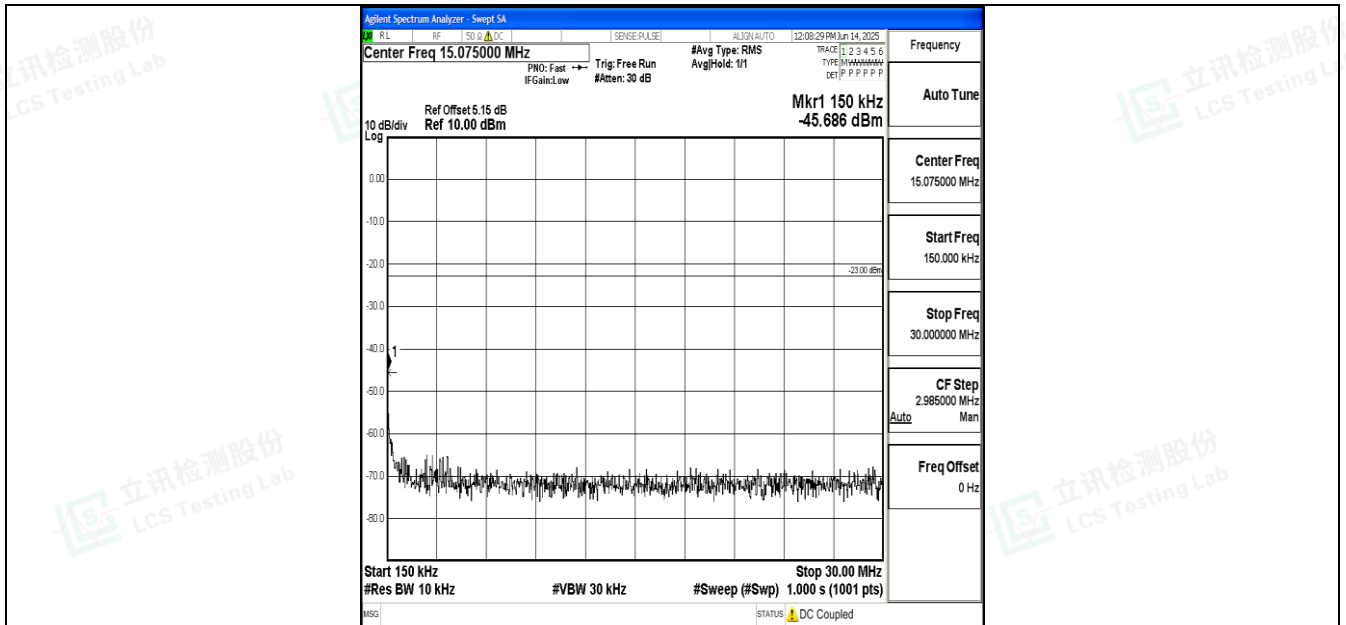


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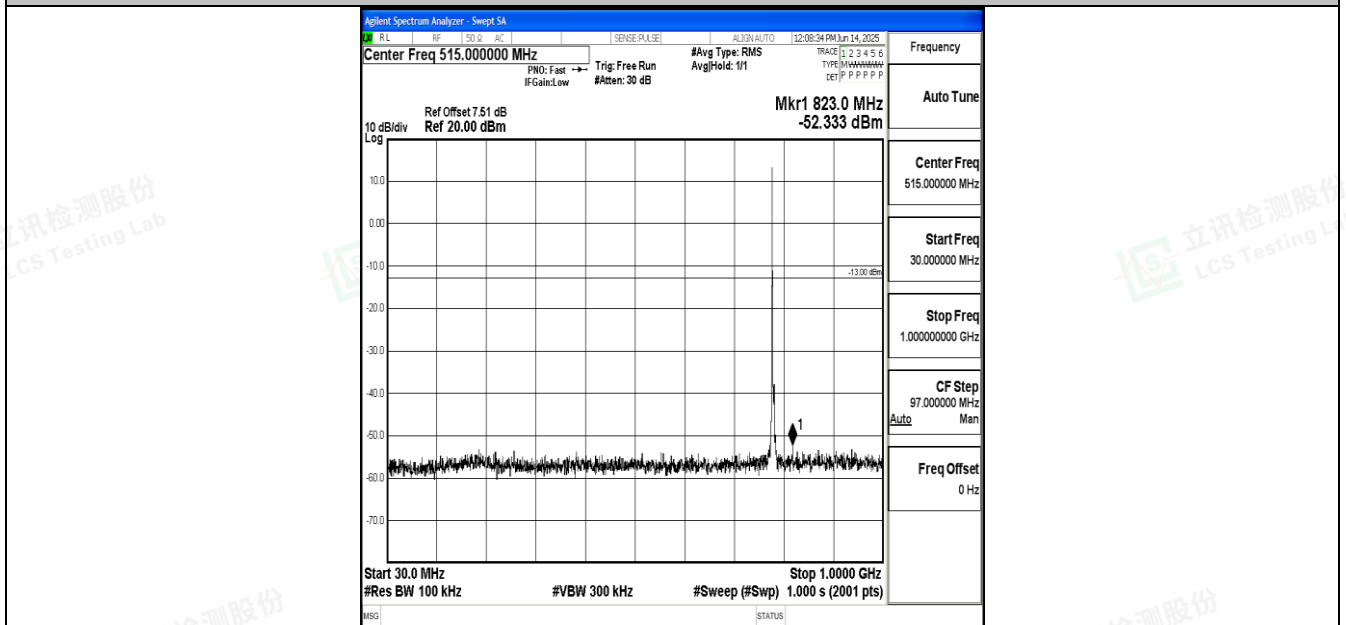
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Band13_5MHz_16QAM_23255_1RB#0_0.15~30_0.15~30



Band13_5MHz_16QAM_23255_1RB#0_30~1000_30~1000

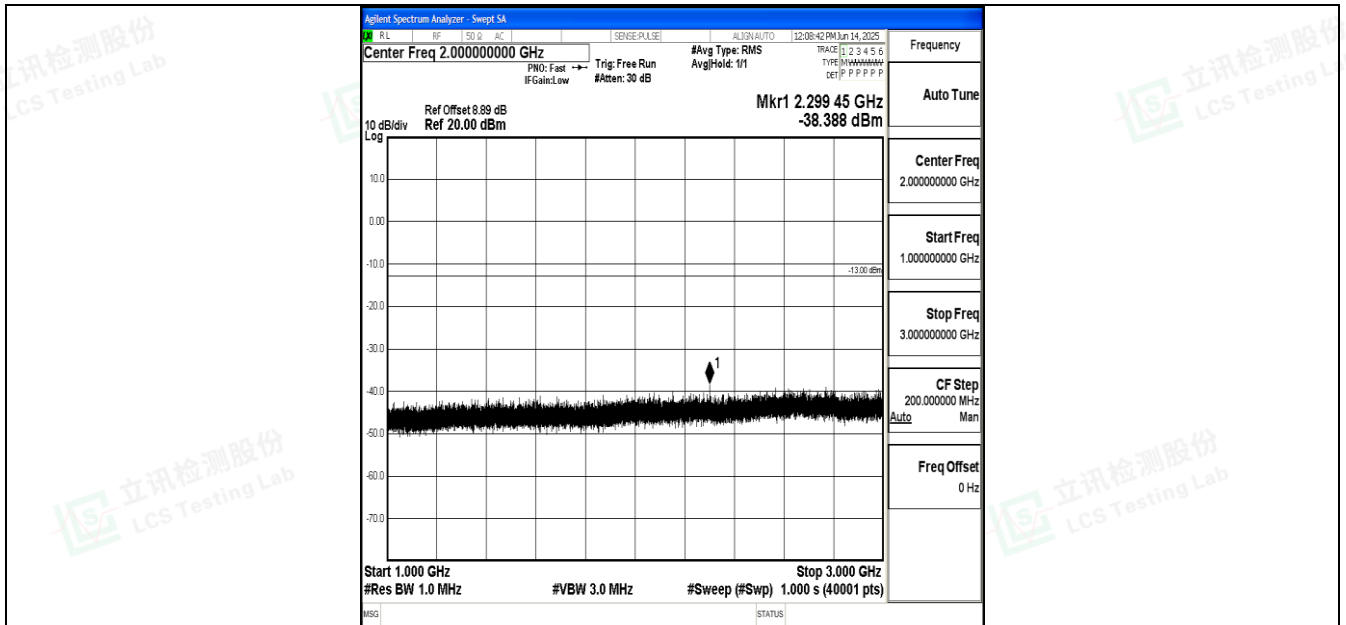


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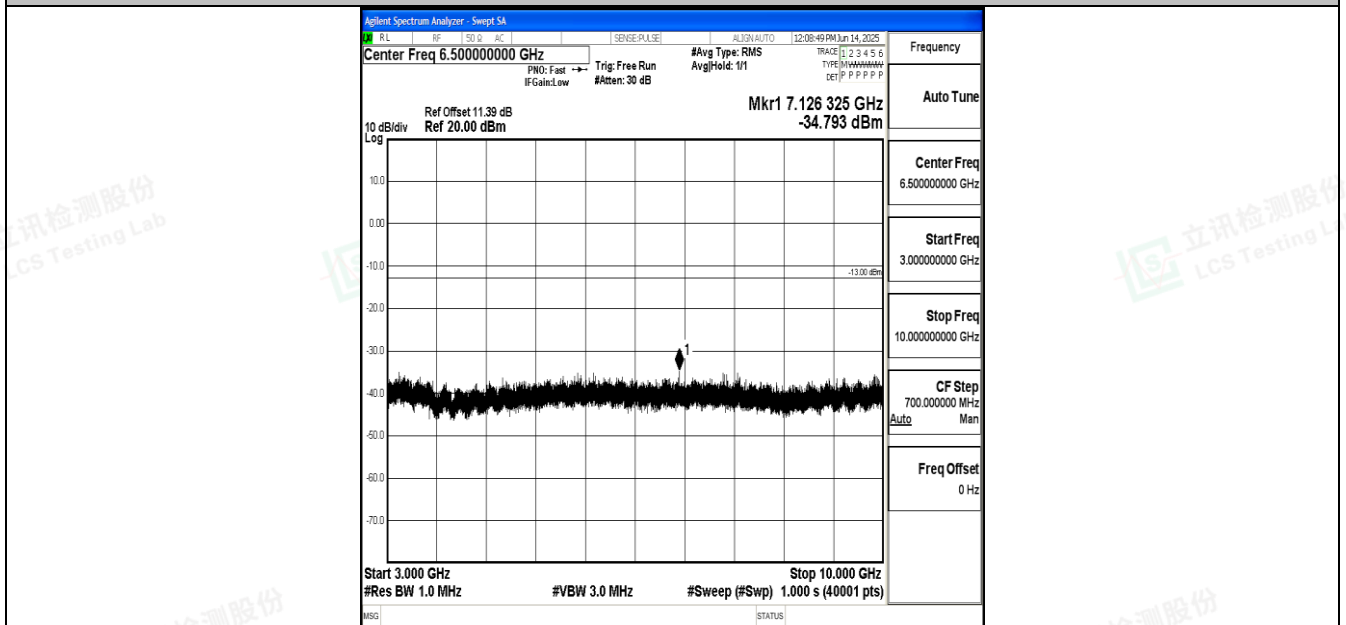
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Band13_5MHz_16QAM_23255_1RB#0_1000~3000_1000~3000



Band13_5MHz_16QAM_23255_1RB#0_3000~10000_3000~10000

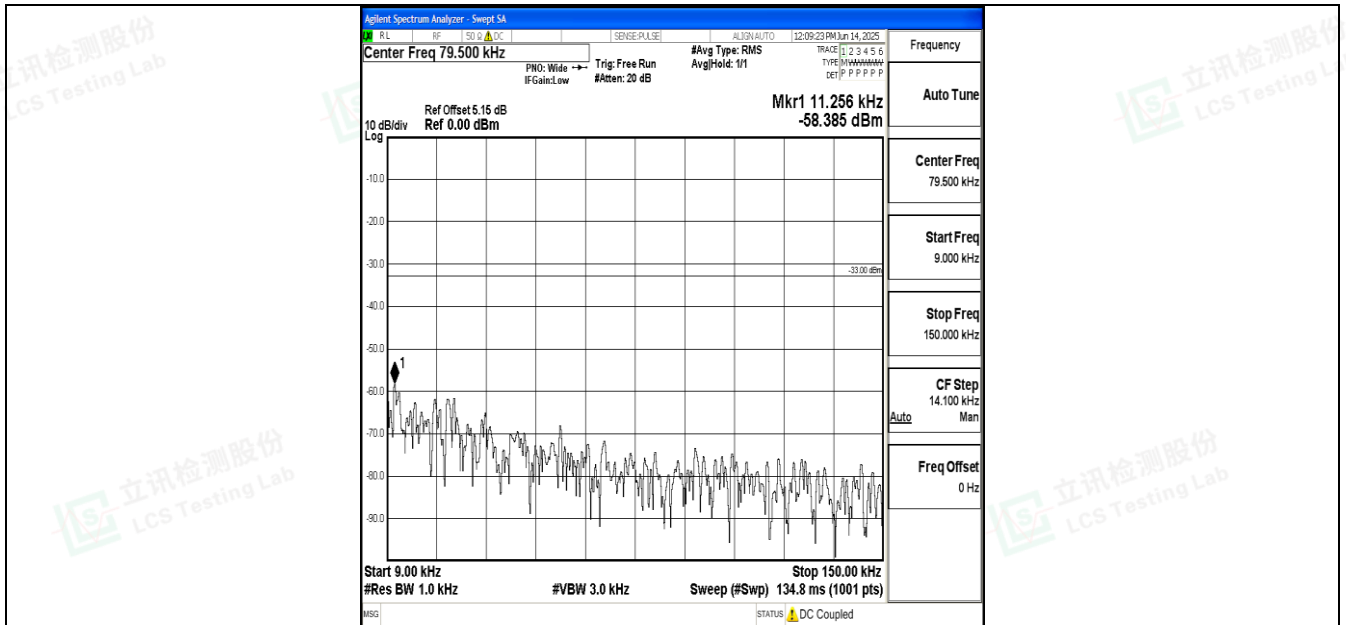


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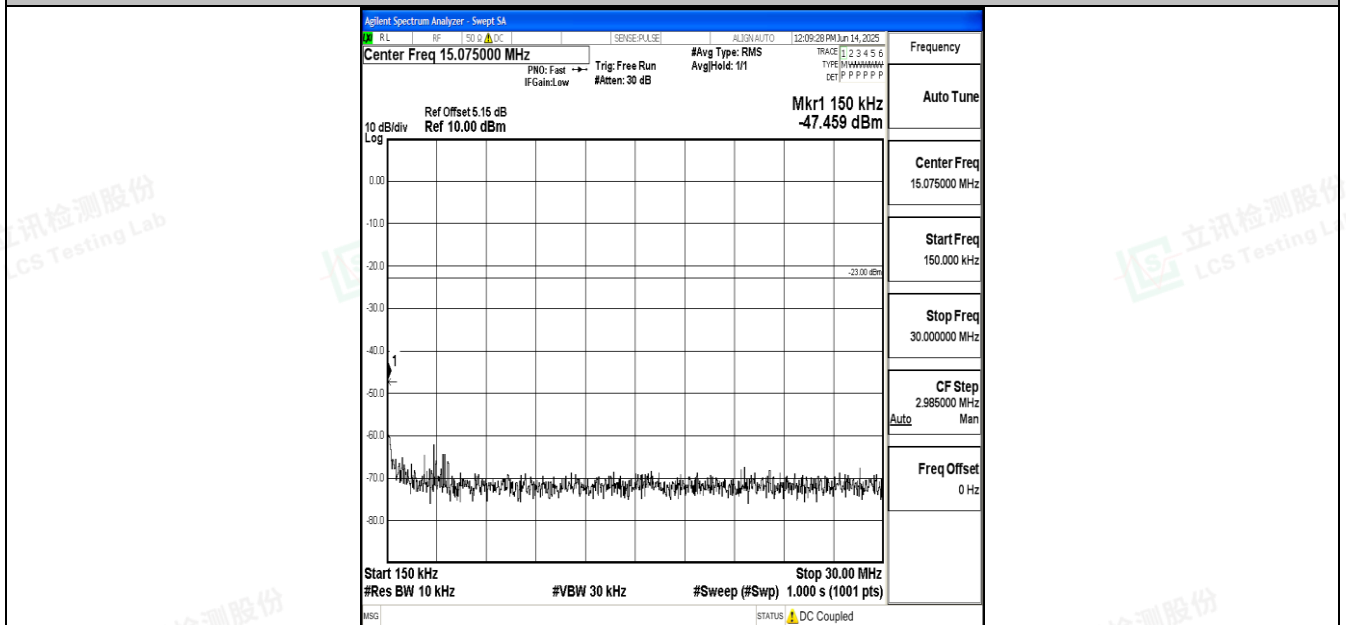
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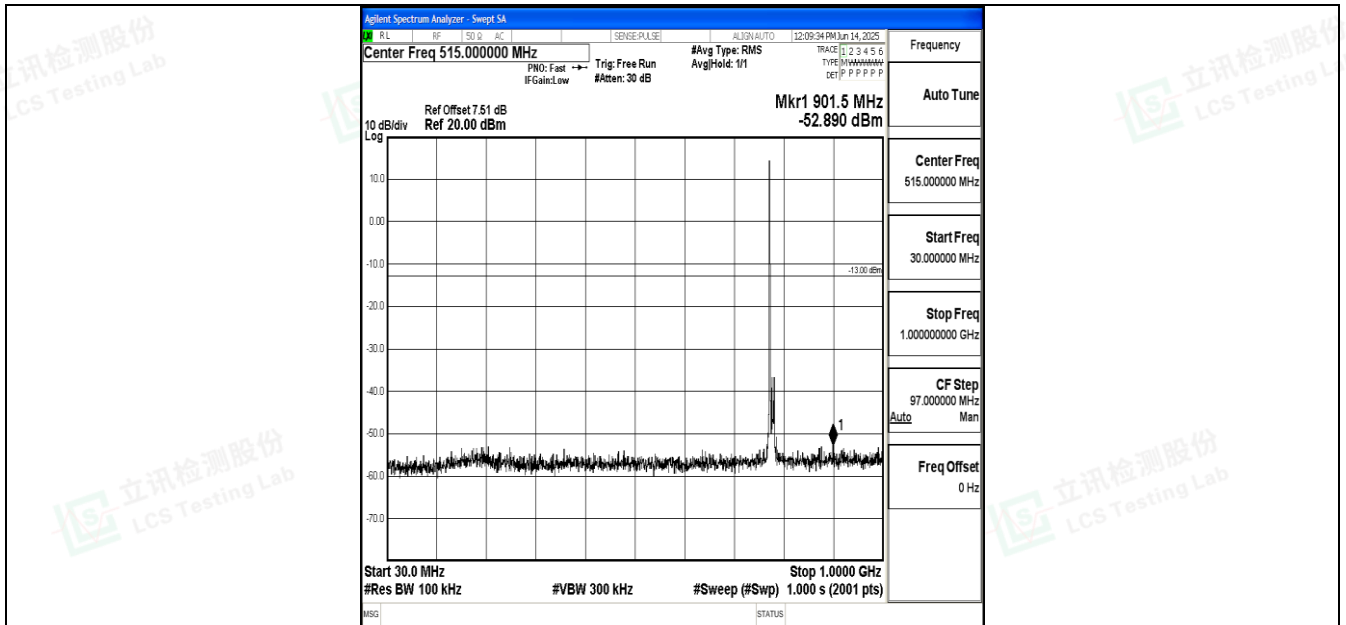


Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15

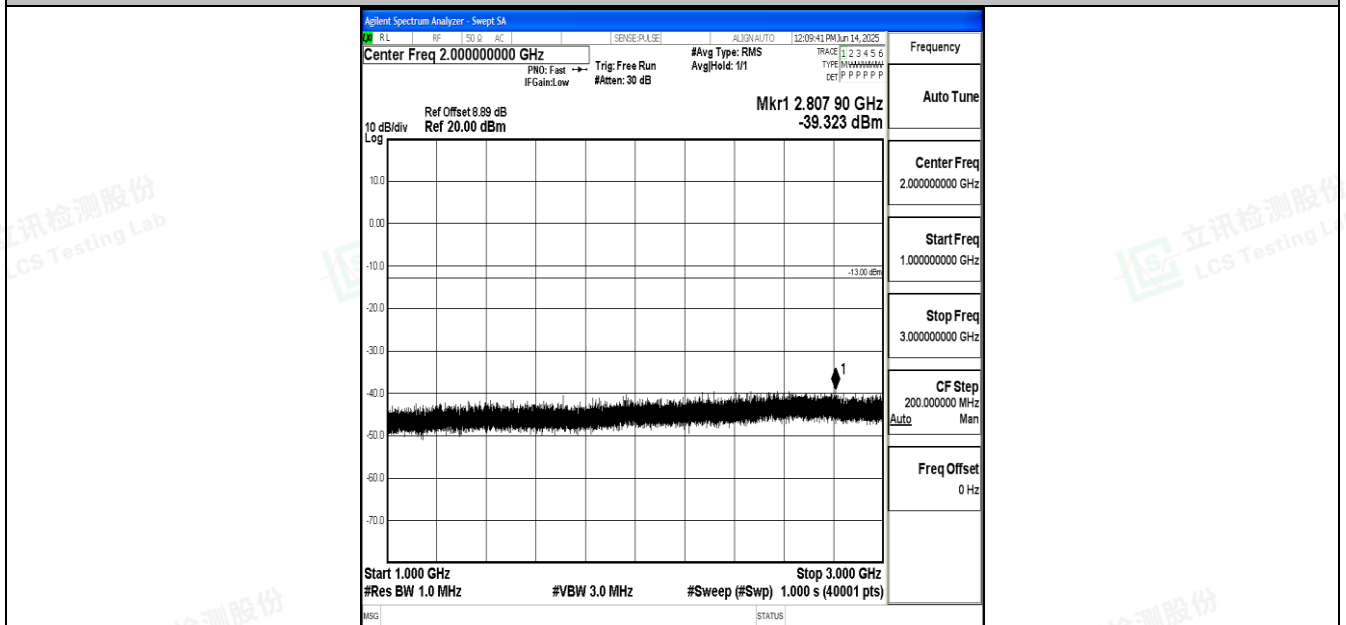


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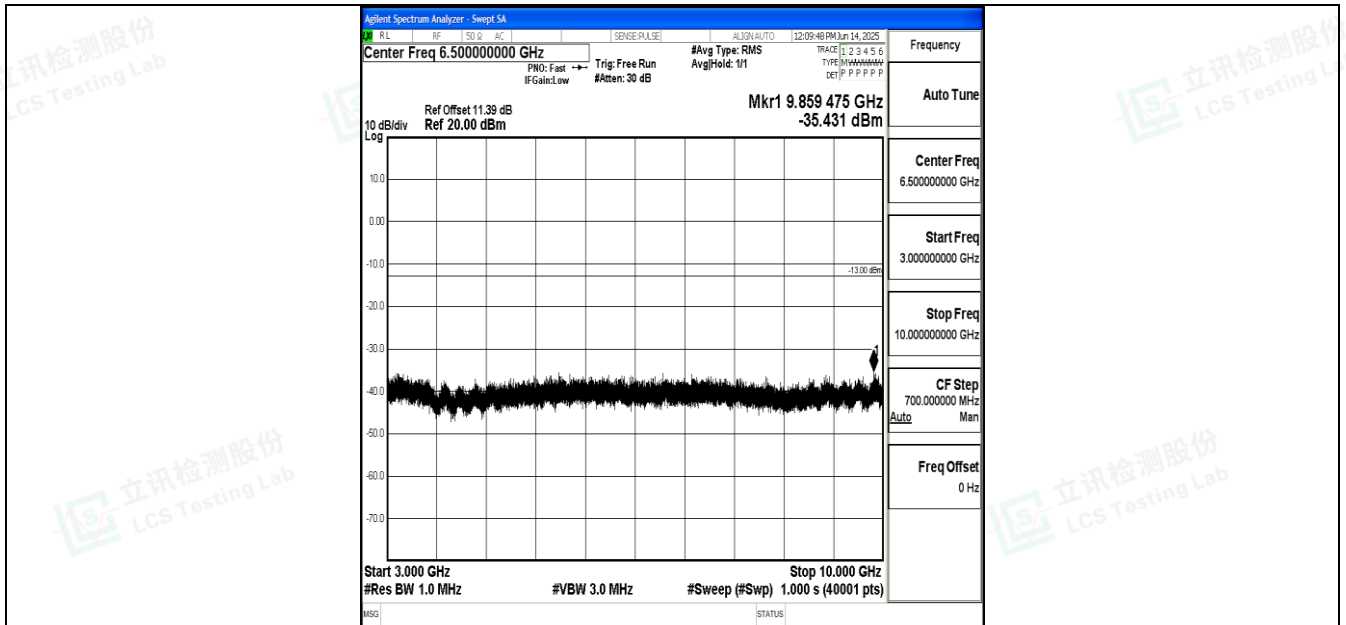


Band13_10MHz_QPSK_23230_1RB#0_30~1000_30~1000

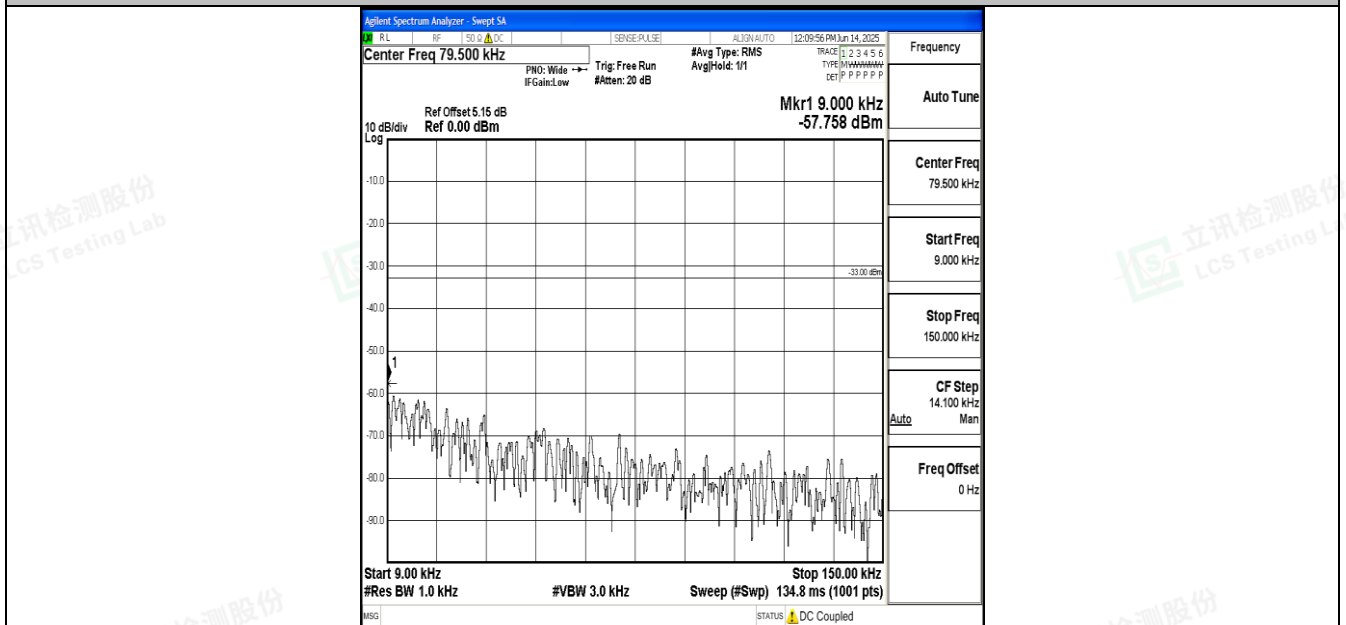


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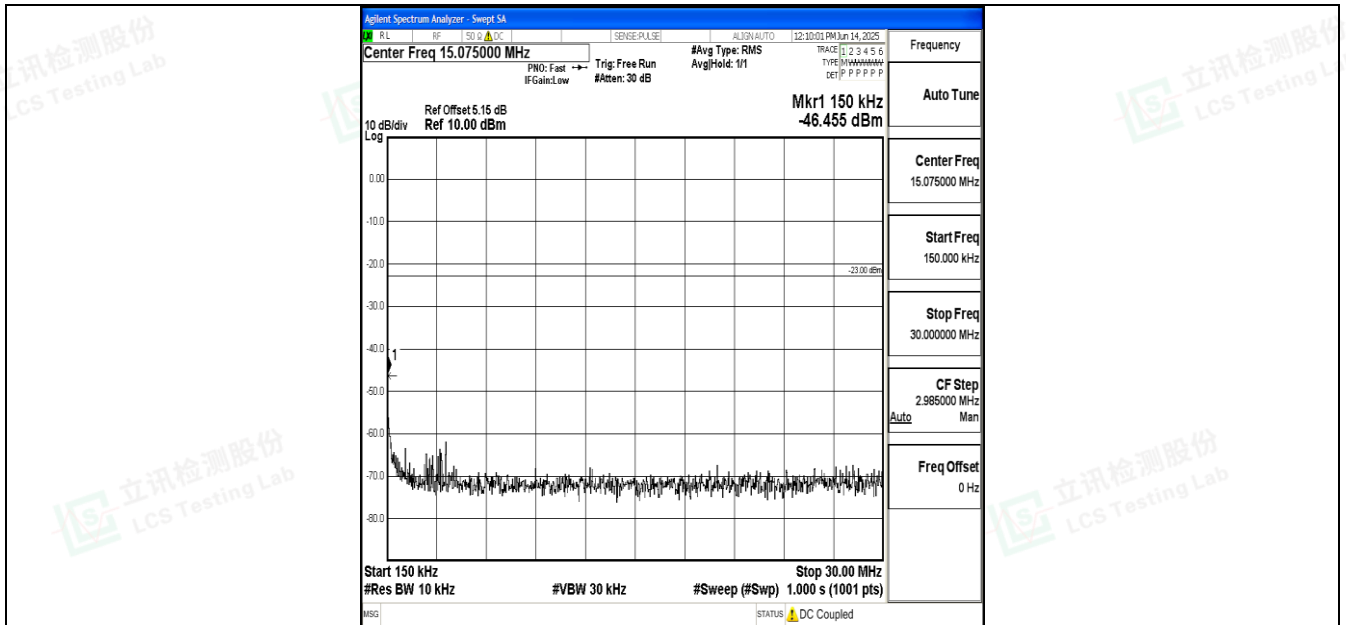


Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000

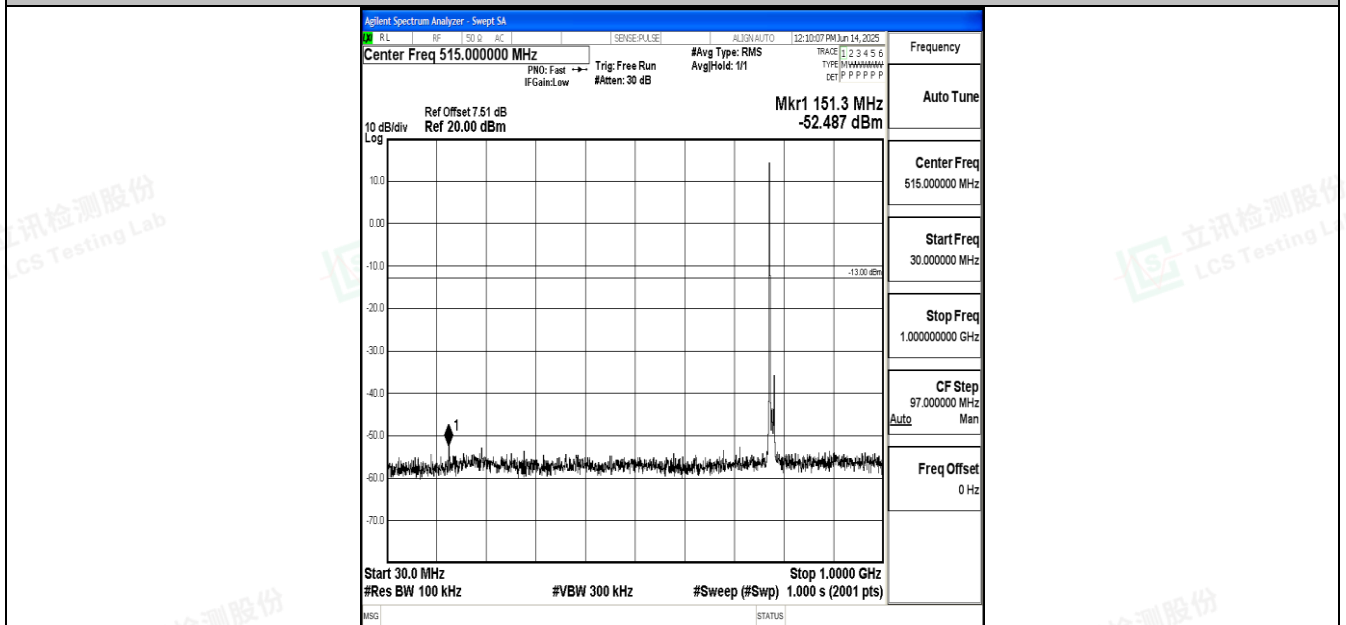


Band13_10MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15





Band13_10MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



Band13_10MHz_16QAM_23230_1RB#0_30~1000_30~1000

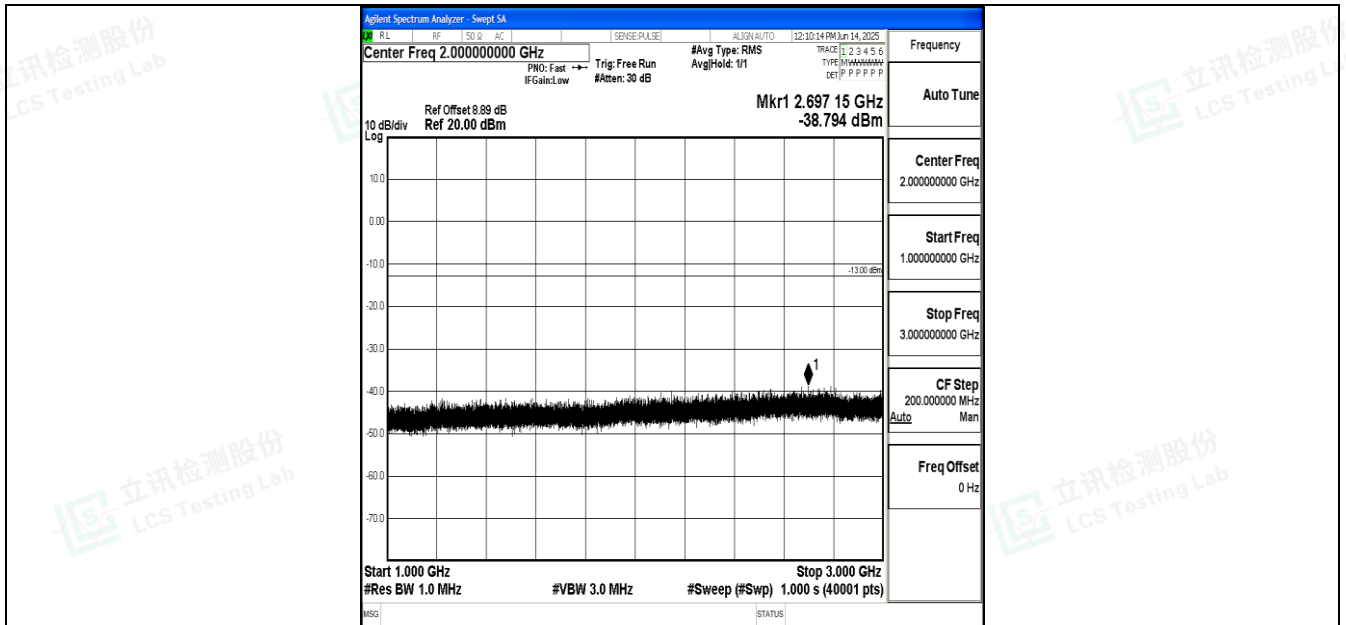


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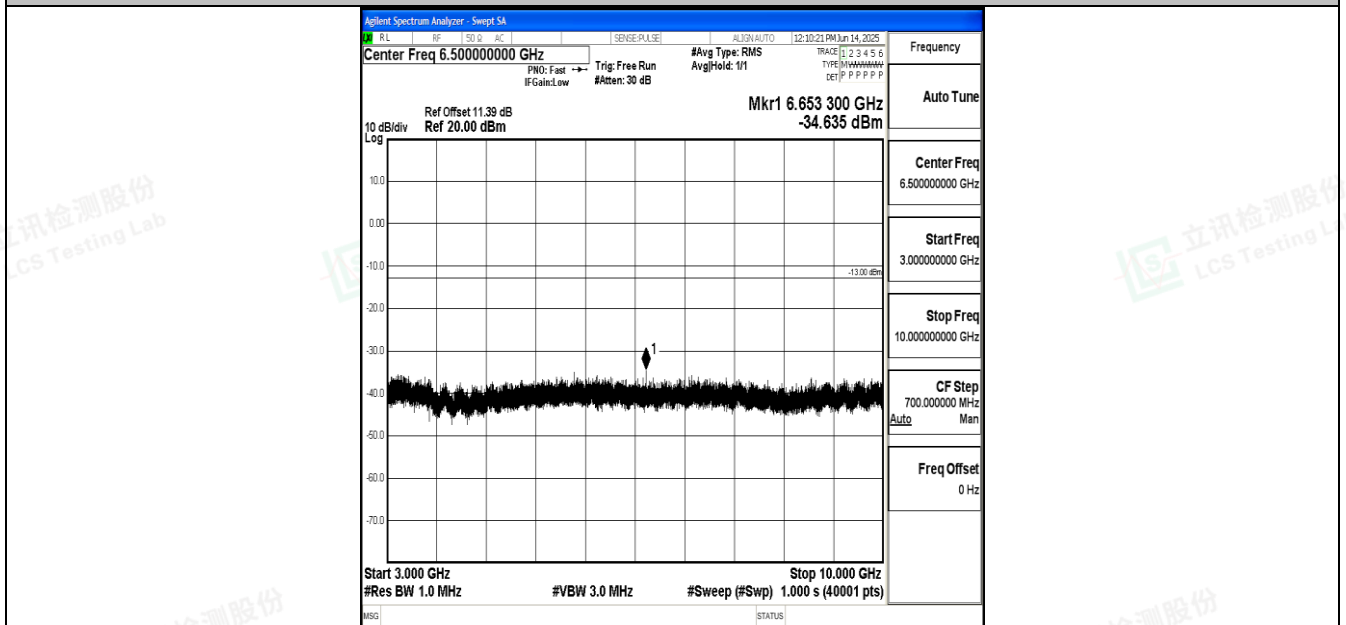
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