



## Appendix J: Test Data for E-UTRA Band 13

**Product Name: tablet pc**

**Test Model: G103**

### Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
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	22.63	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.67	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.69	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.63	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.67	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.68	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.62	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.64	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.62	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.73	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.68	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.75	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.54	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.82	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.69	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.96	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.67	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.71	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.80	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.75	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.75	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.65	PASS
Band13	5MHz	16QAM	23230	12RB#13	20.70	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.70	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.72	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.54	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.53	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.56	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.61	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.66	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.86	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.53	PASS



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Band13	10MHz	16QAM	23230	1RB#24	21.94	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.34	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.53	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.78	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.78	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.79	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.74	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.63	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.65	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.71	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.64	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.69	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.44	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.60	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.63	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.34	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.43	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.55	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.63	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.60	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.61	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.58	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.72	PASS



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

### Test Result

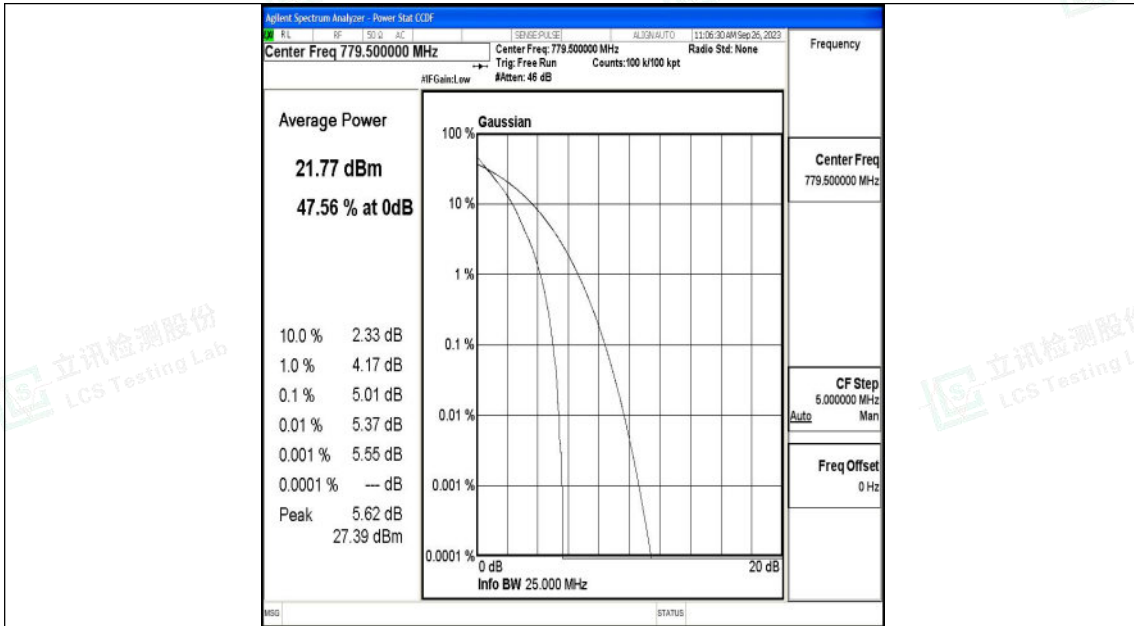
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	5.01	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.85	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.19	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.96	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.22	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.19	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.95	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.88	13	PASS



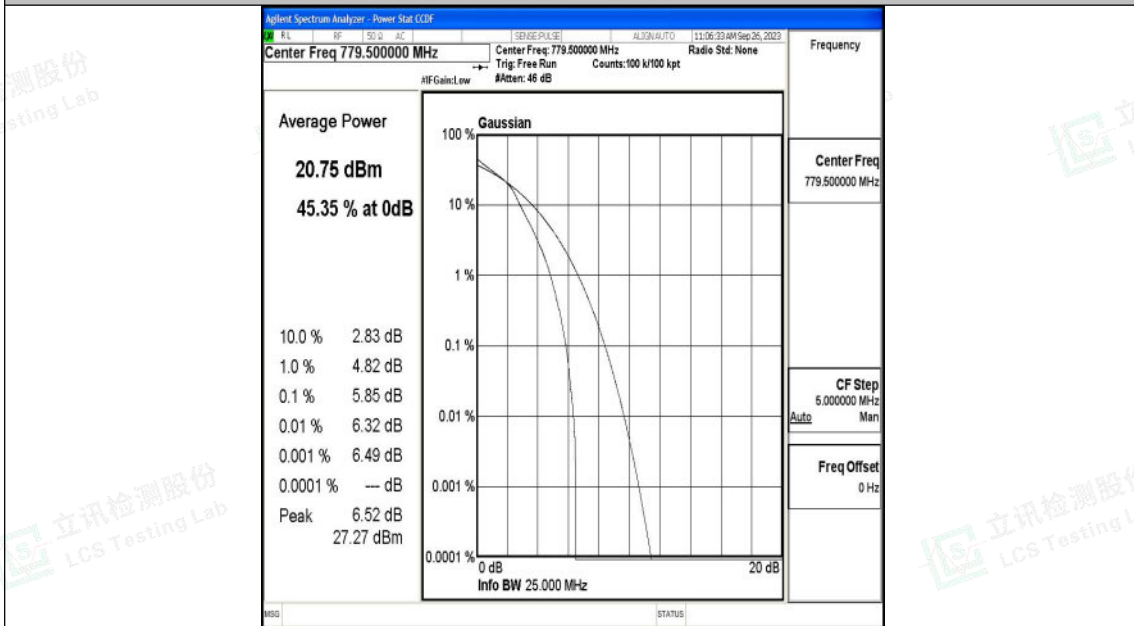
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### Test Graphs



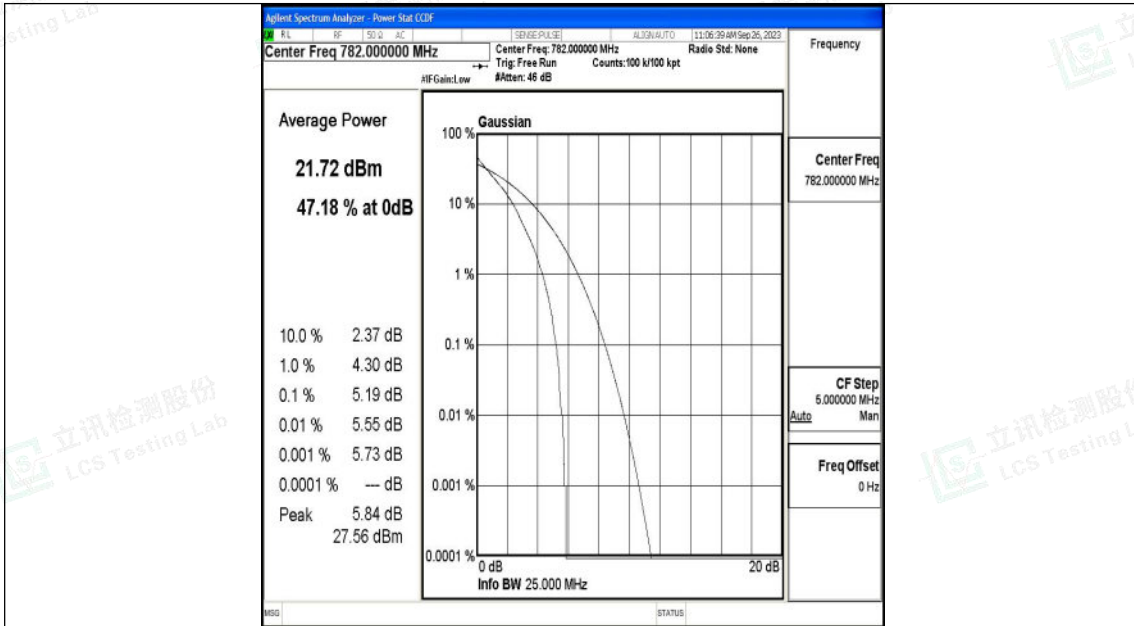
5MHz-23205



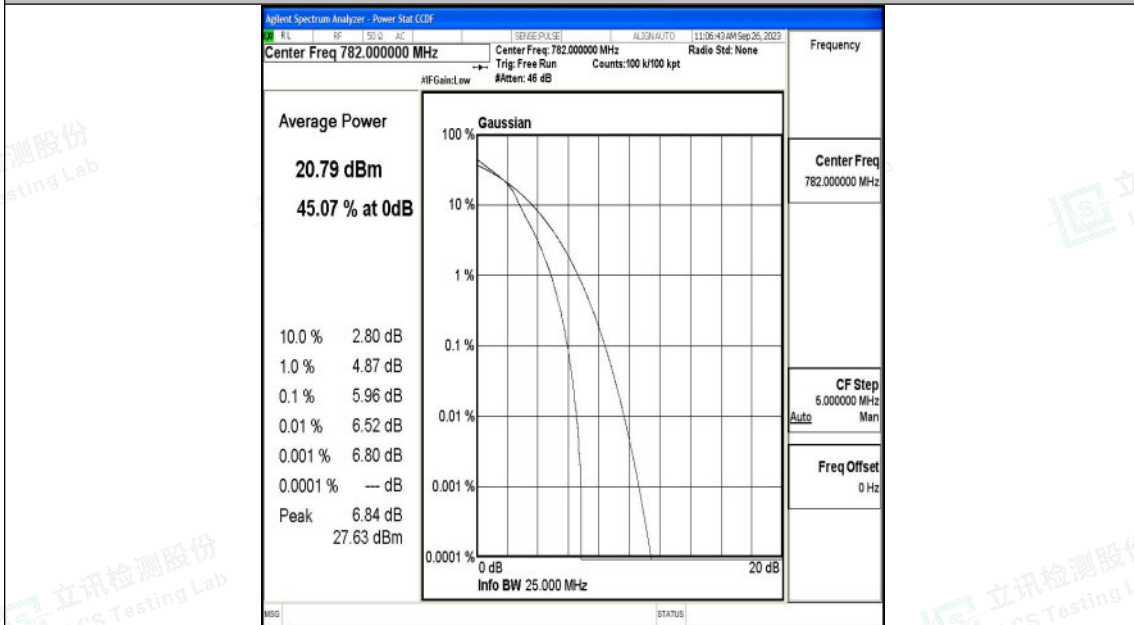
5MHz-23205



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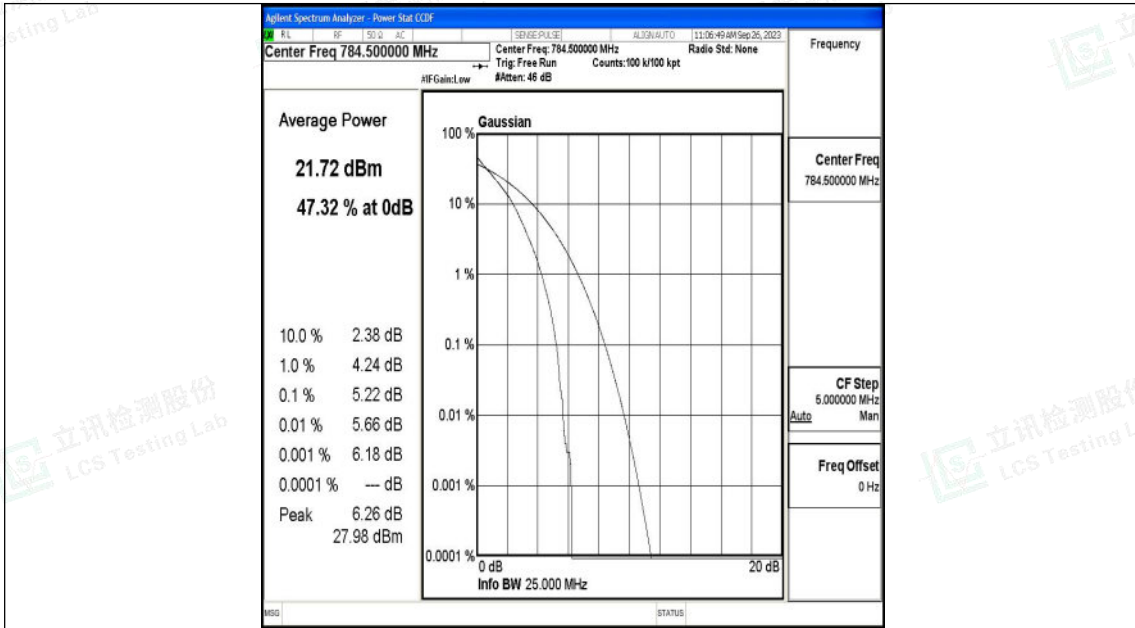


5MHz-23230

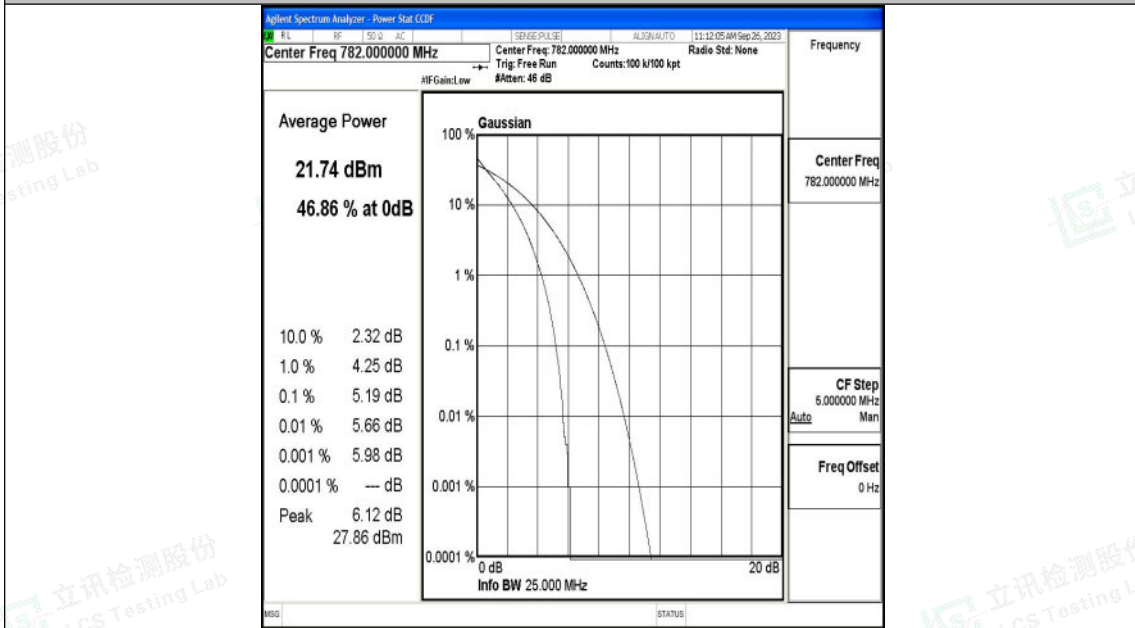


5MHz-23230





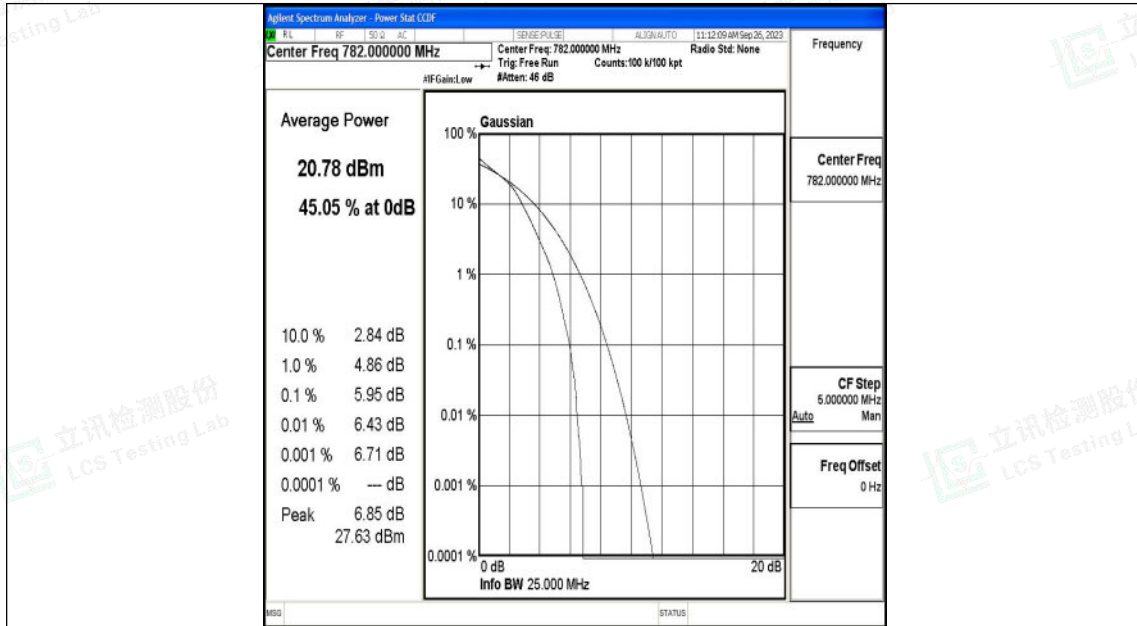
5MHz-23255



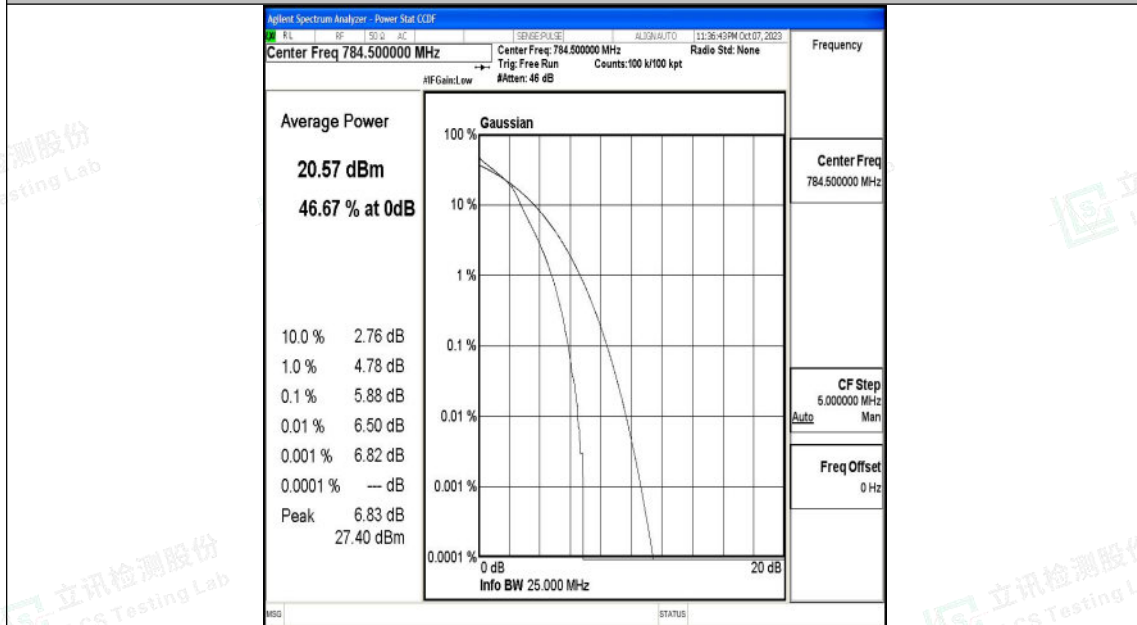
10MHz-23230



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10MHz-23230



5MHz-23255



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### J.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

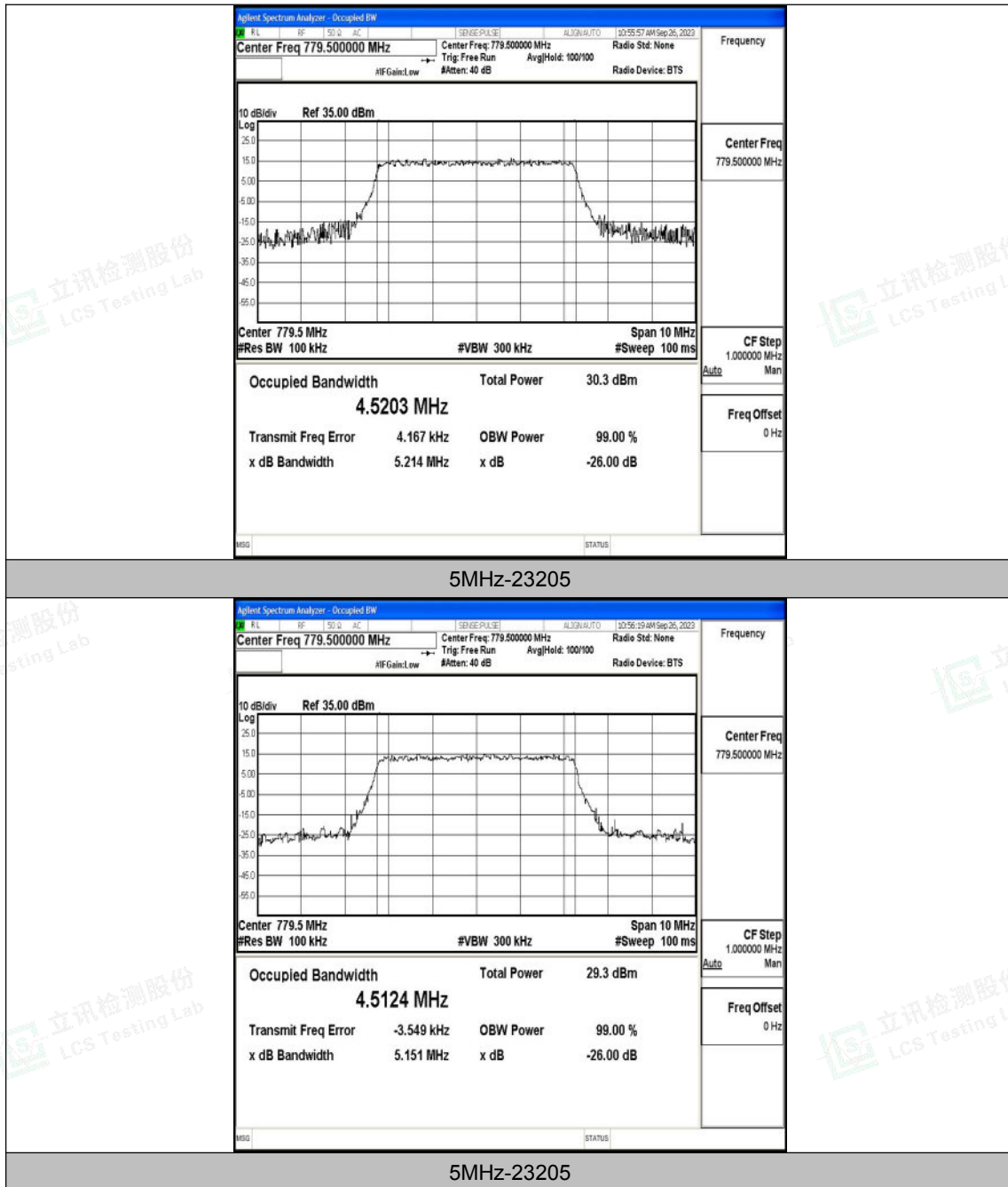
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5203	5.214	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5124	5.151	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5145	5.163	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5198	5.196	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5160	5.140	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5303	5.189	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0300	10.24	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.0027	9.994	PASS



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### Test Graphs

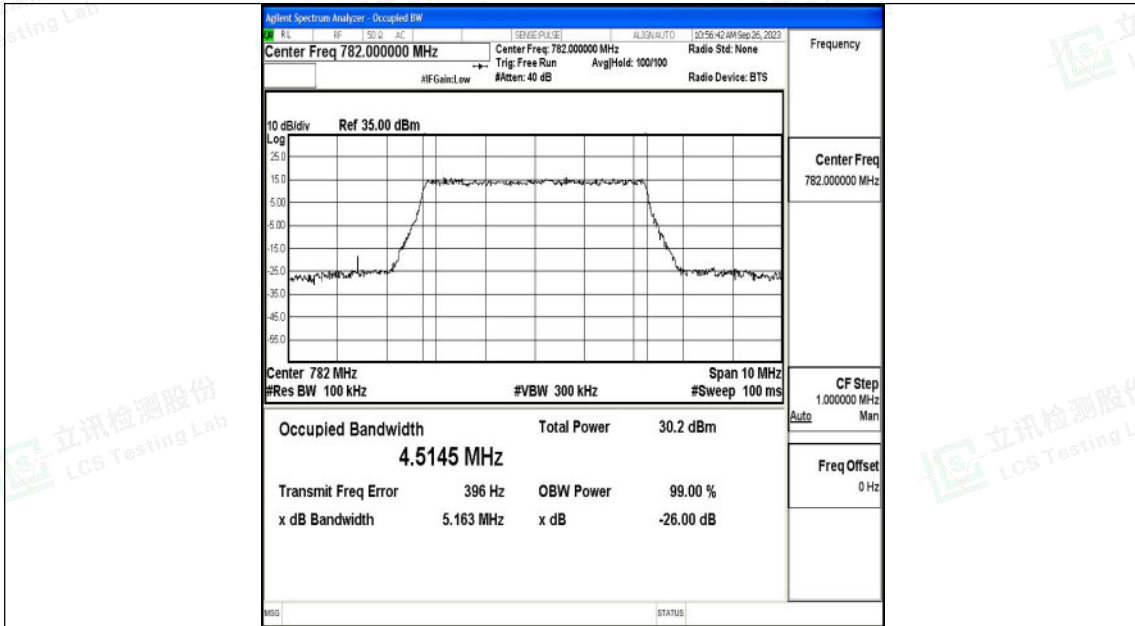


5MHz-23205

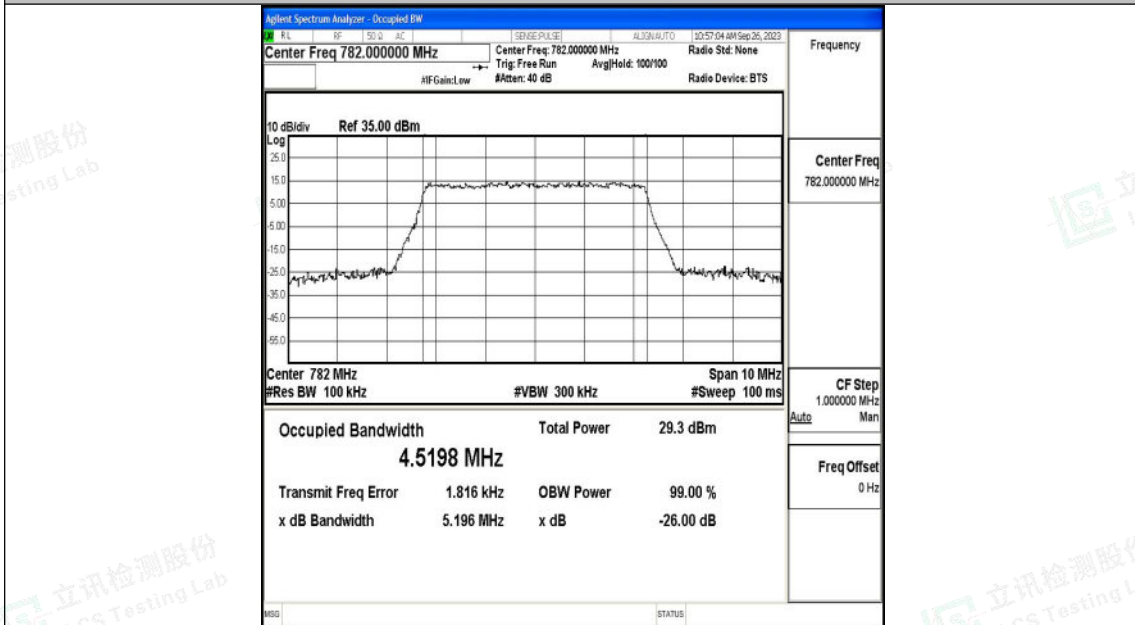
5MHz-23205



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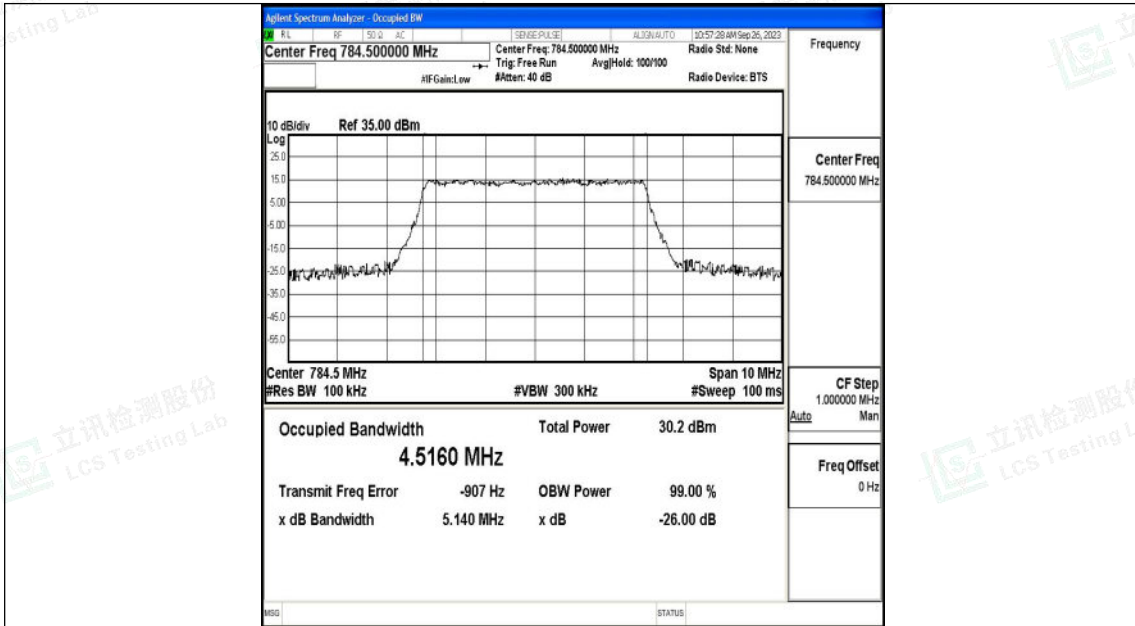
5MHz-23230



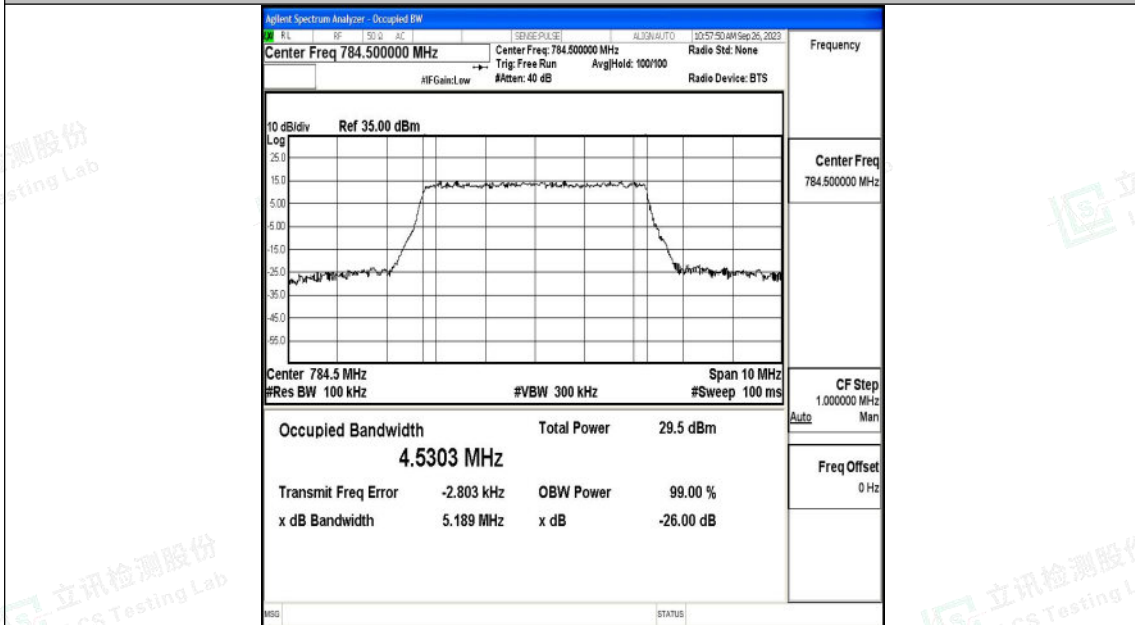
5MHz-23230



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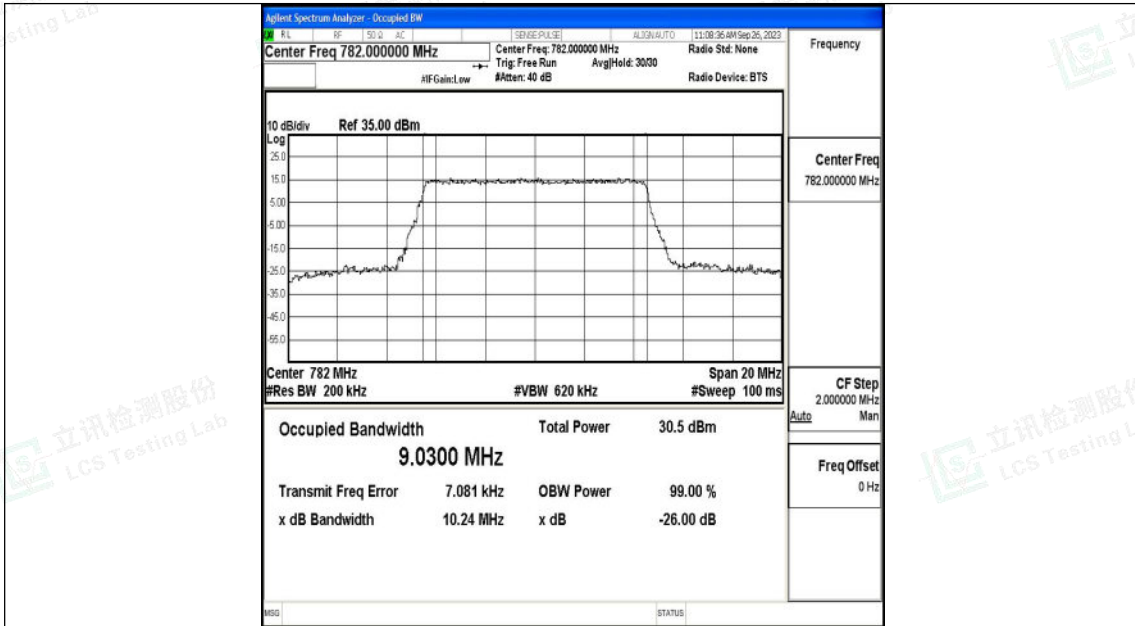
5MHz-23255



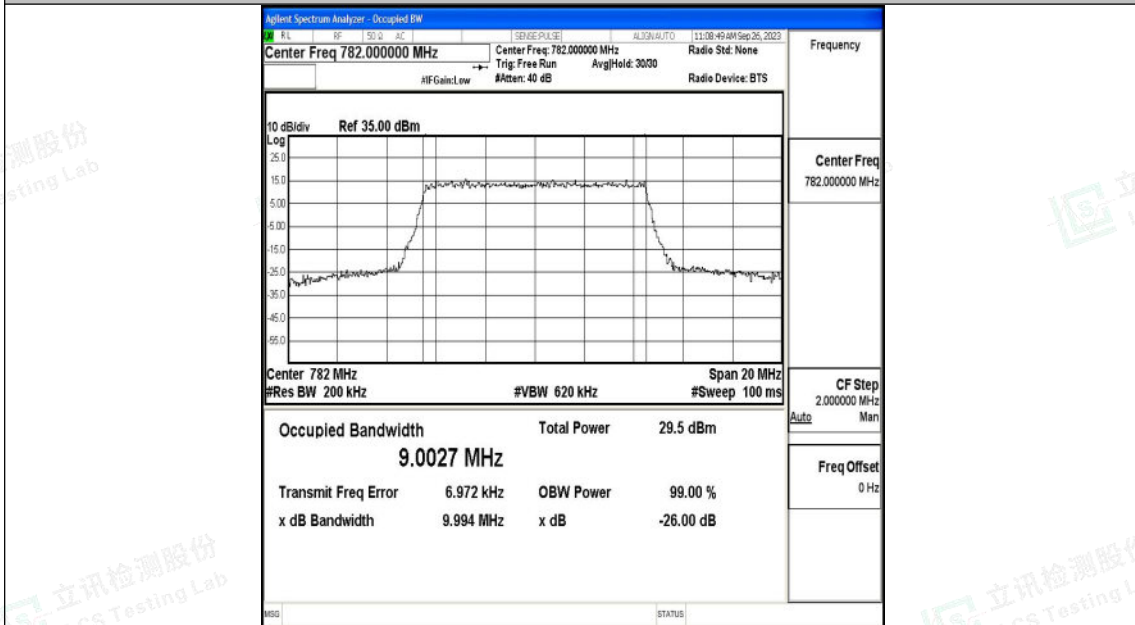
5MHz-23255



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10MHz-23230



10MHz-23230





### J.4 Band Edge

#### Test Result

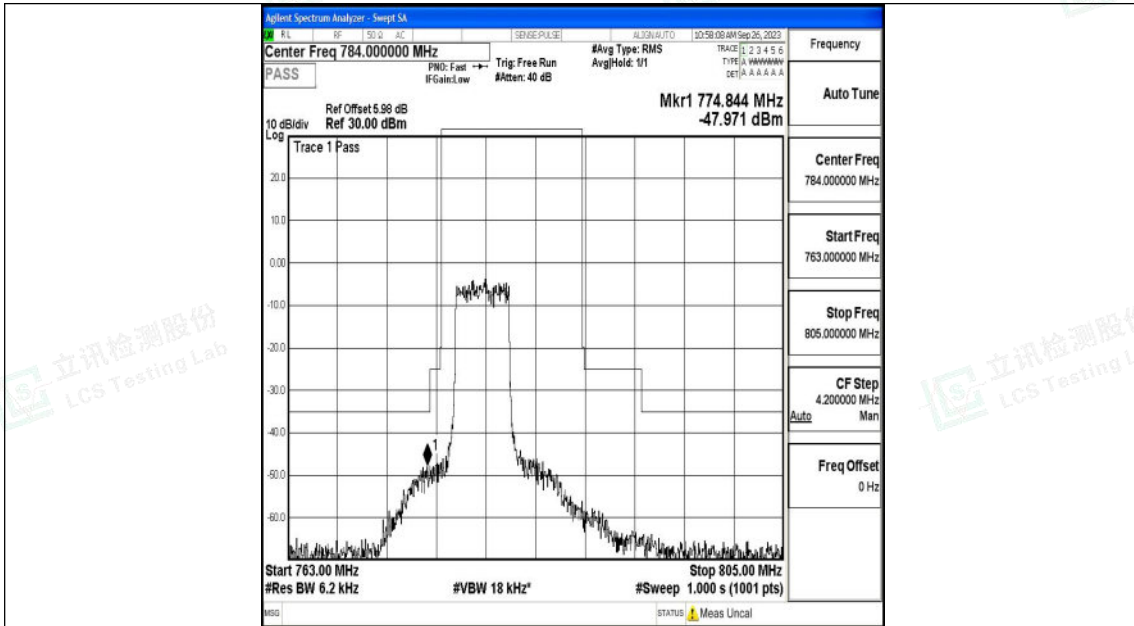
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.84	-47.97	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.38	-50.10	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.12	-45.05	PASS
Band13	5MHz	16QAM	23255	25RB#0	788.33	-45.81	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.05	-49.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.34	-51.82	PASS



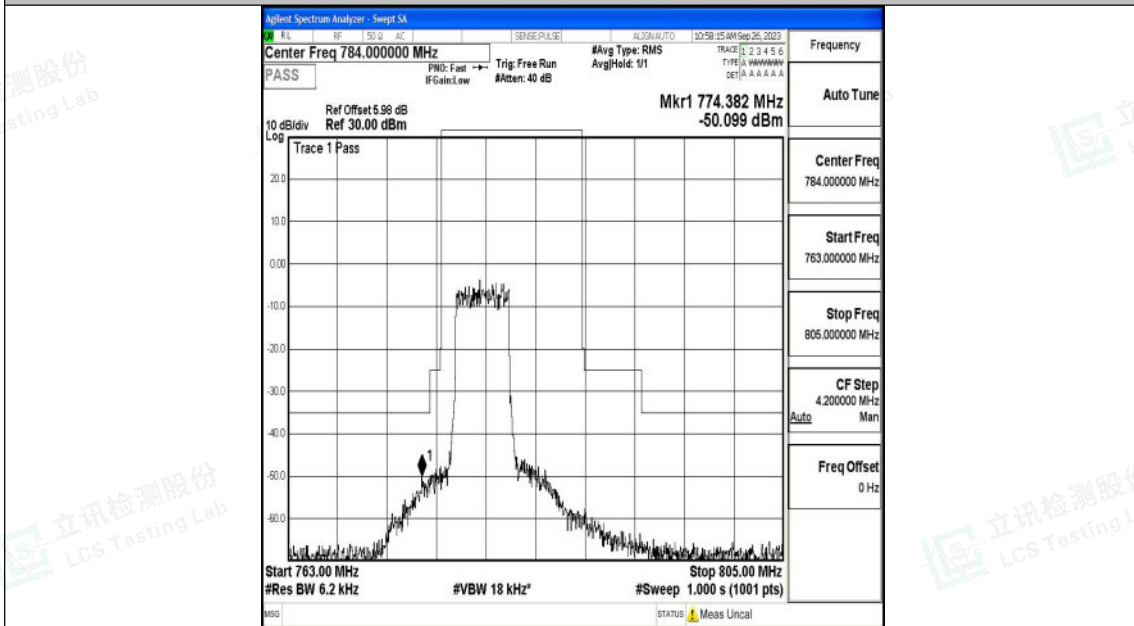
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### Test Graphs



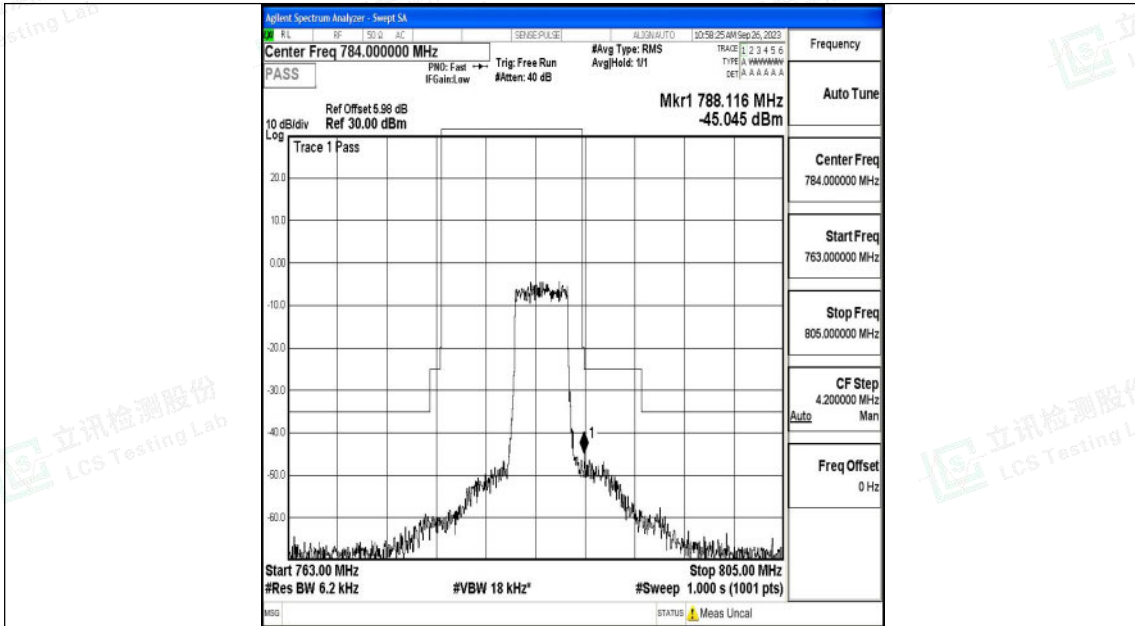
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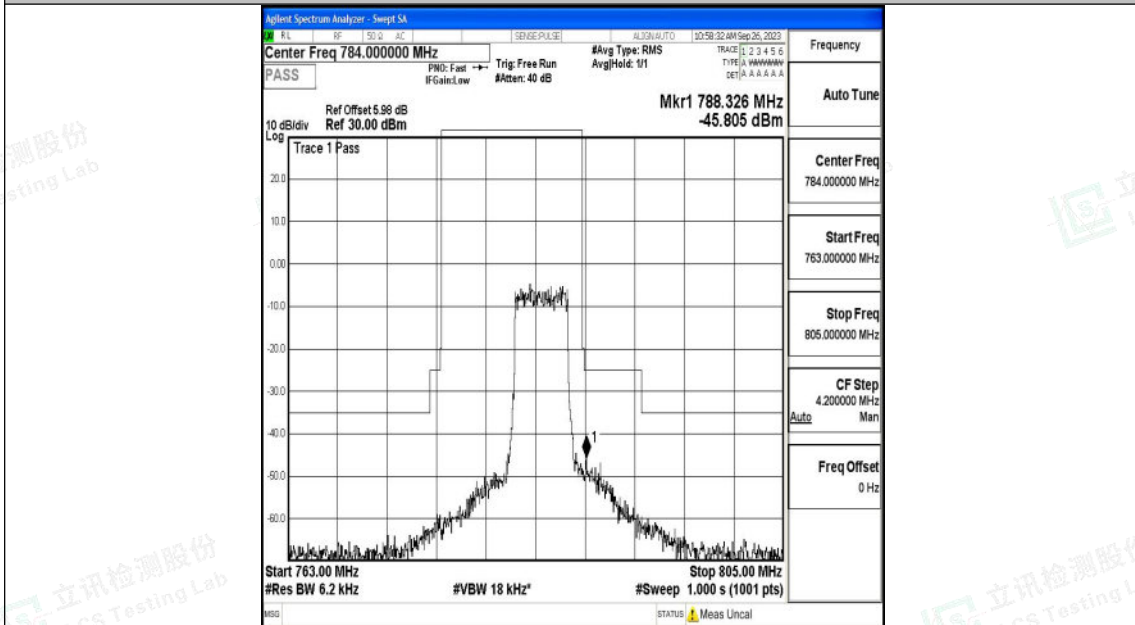
Band13\_5MHz\_16QAM\_23205\_25RB#0



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Band13\_5MHz\_QPSK\_23255\_25RB#0

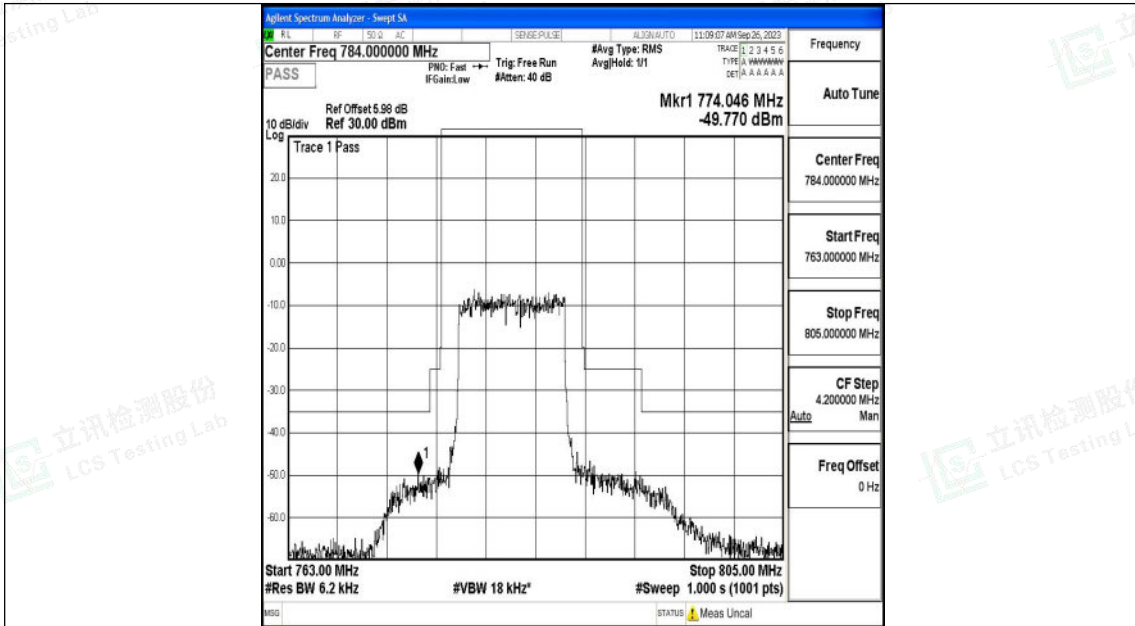


Band13\_5MHz\_16QAM\_23255\_25RB#0

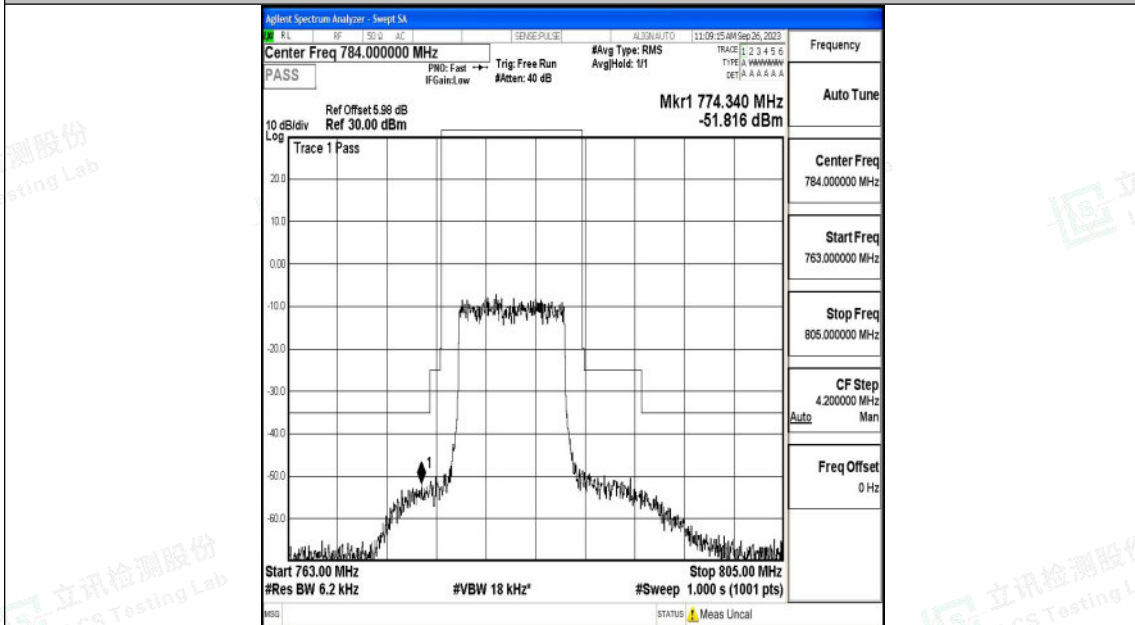


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Band13\_10MHz\_QPSK\_23230\_50RB#0



Band13\_10MHz\_16QAM\_23230\_50RB#0



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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	-56.62	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-51.73	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-62.79	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-43.52	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-45.03	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-57.09	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-50.93	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-43.28	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-44.98	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-57.04	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-52.67	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-62.73	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-43.39	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-45.20	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-57.43	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-53.41	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-63.05	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.67	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-45.51	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-55.44	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-54.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-62.91	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-43.02	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-44.92	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-57.00	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-62.96	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-42.39	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-44.80	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-52.86	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.57	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-63.23	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-43.15	PASS



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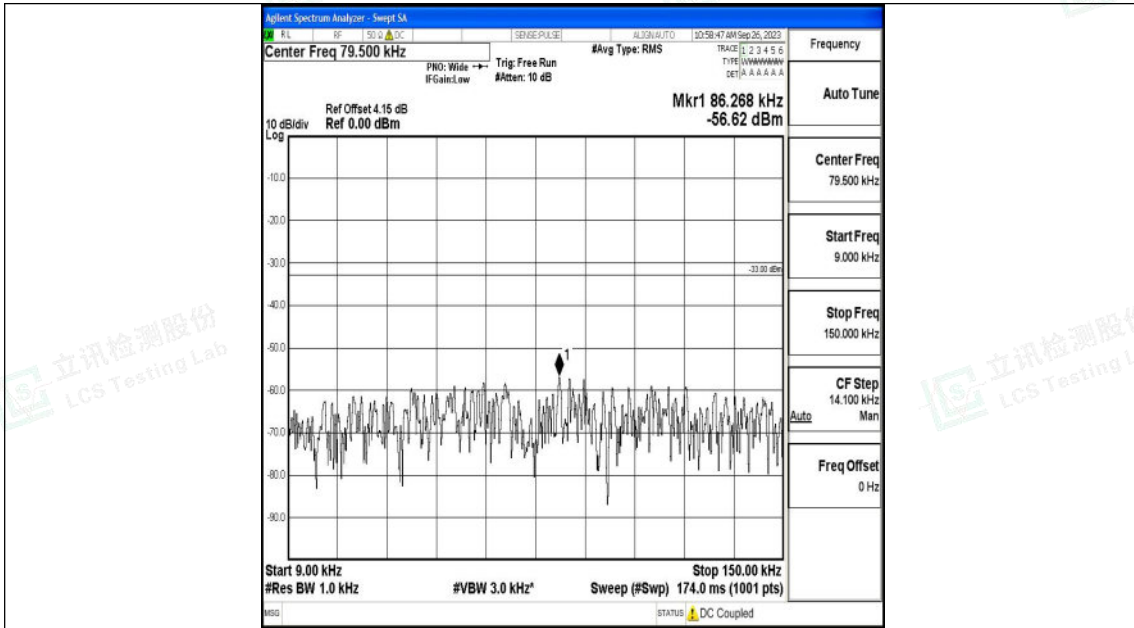
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-45.37	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-57.35	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-52.88	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-63.02	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-43.59	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-45.29	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-62.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-51.32	PASS



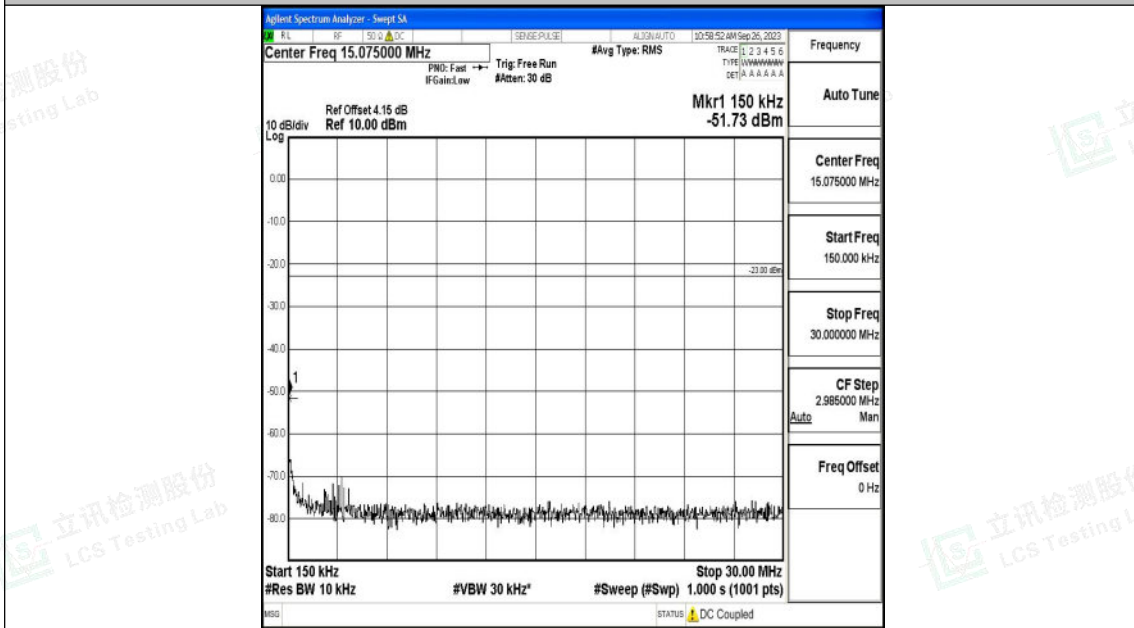
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### Test Graphs



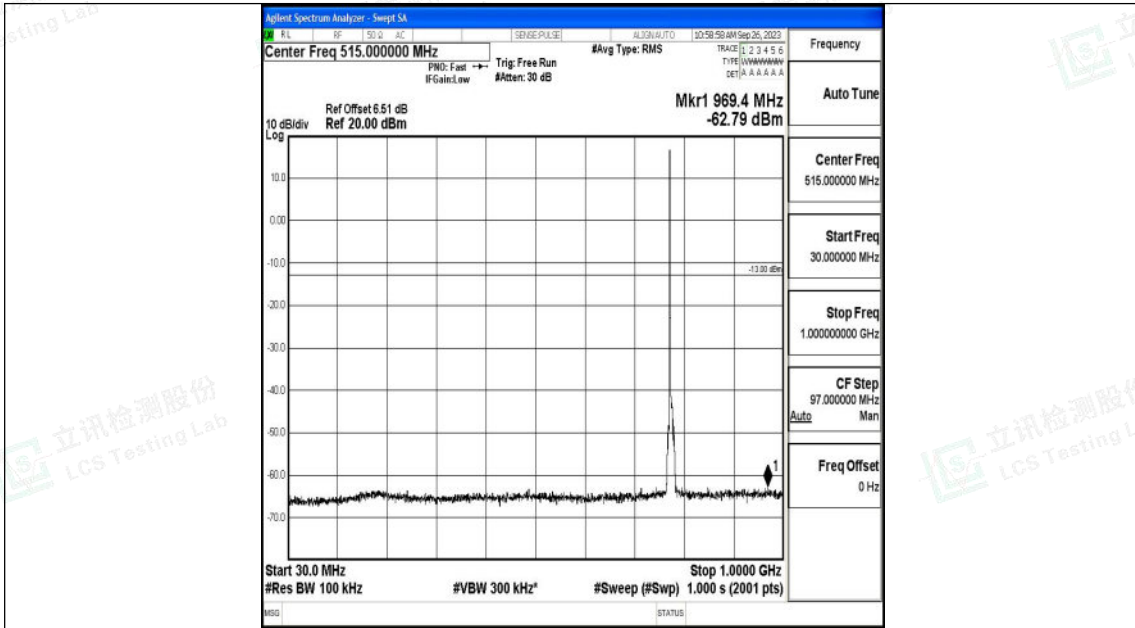
Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.009~0.15\_0.009~0.15



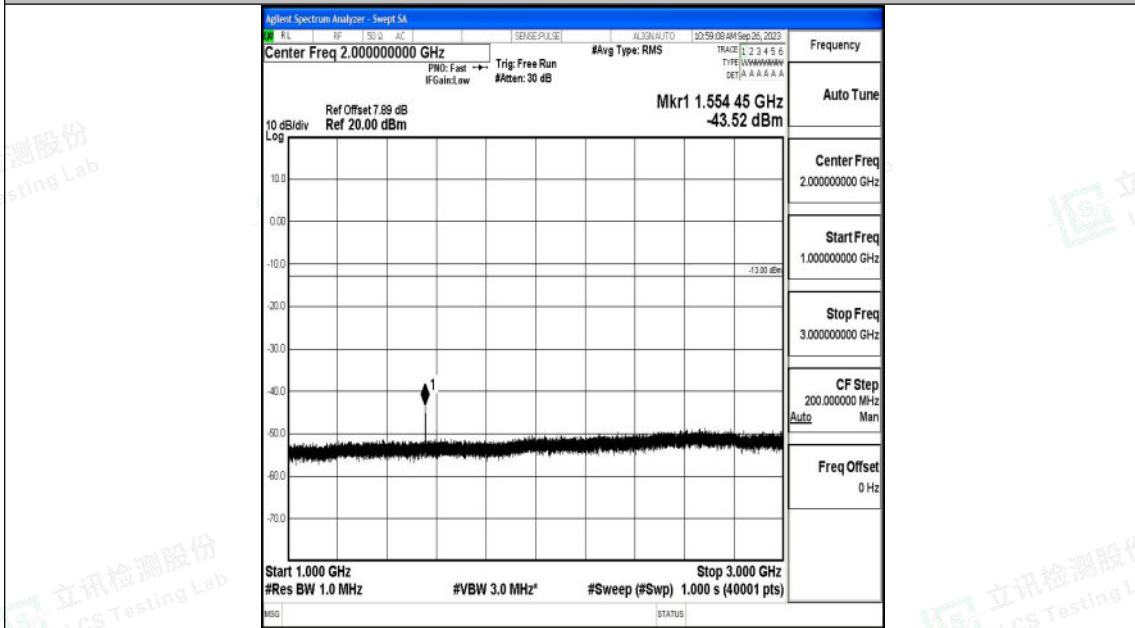
Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.15~30\_0.15~30



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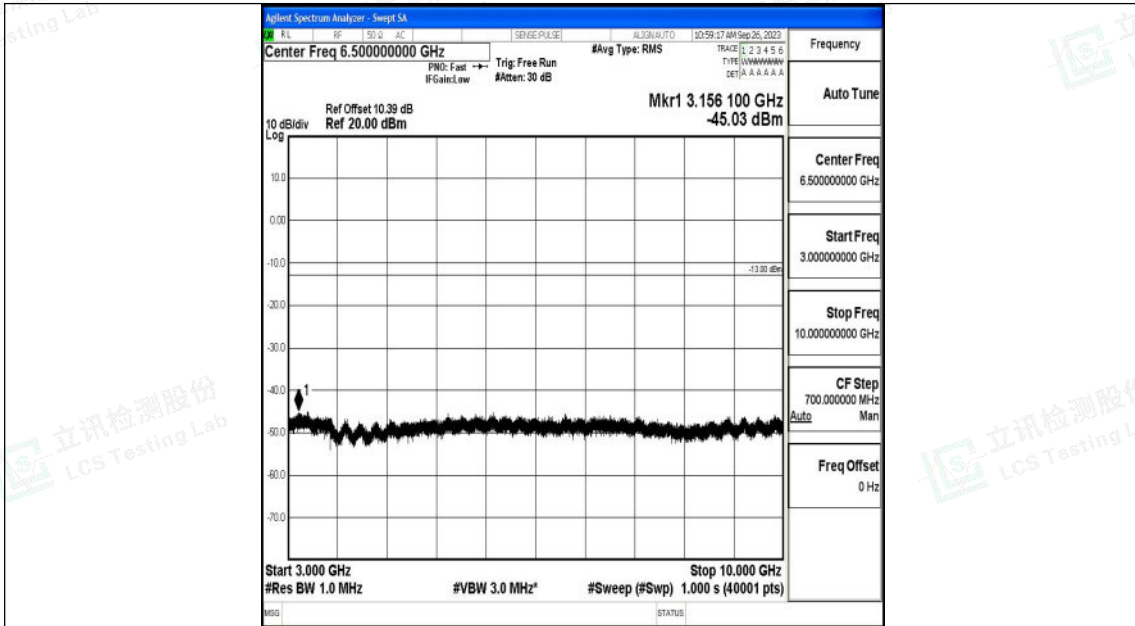
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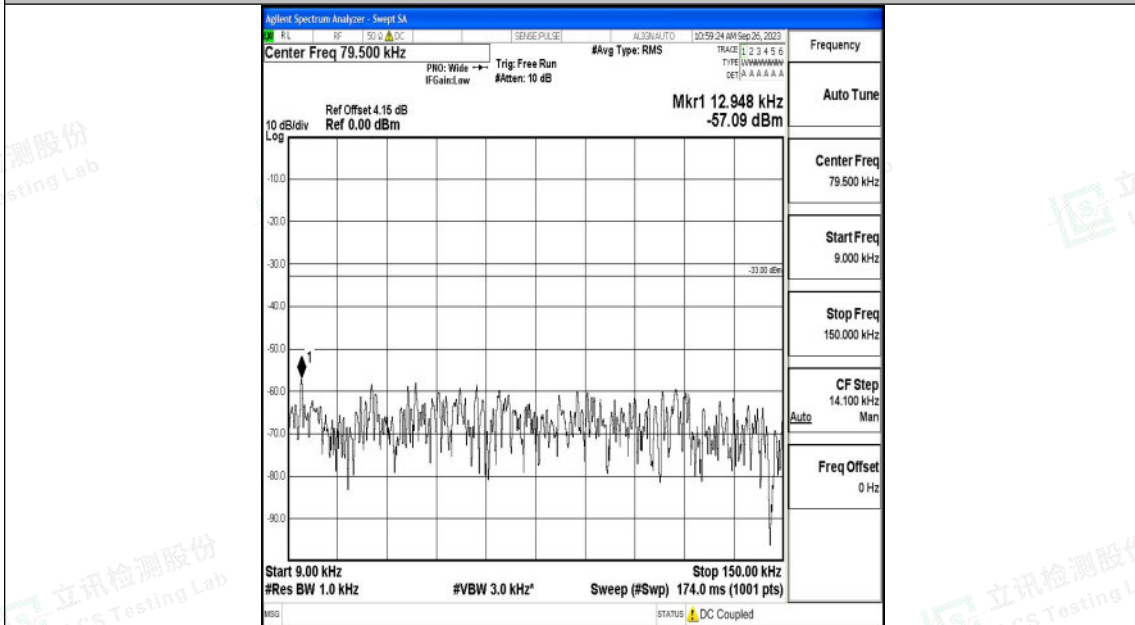
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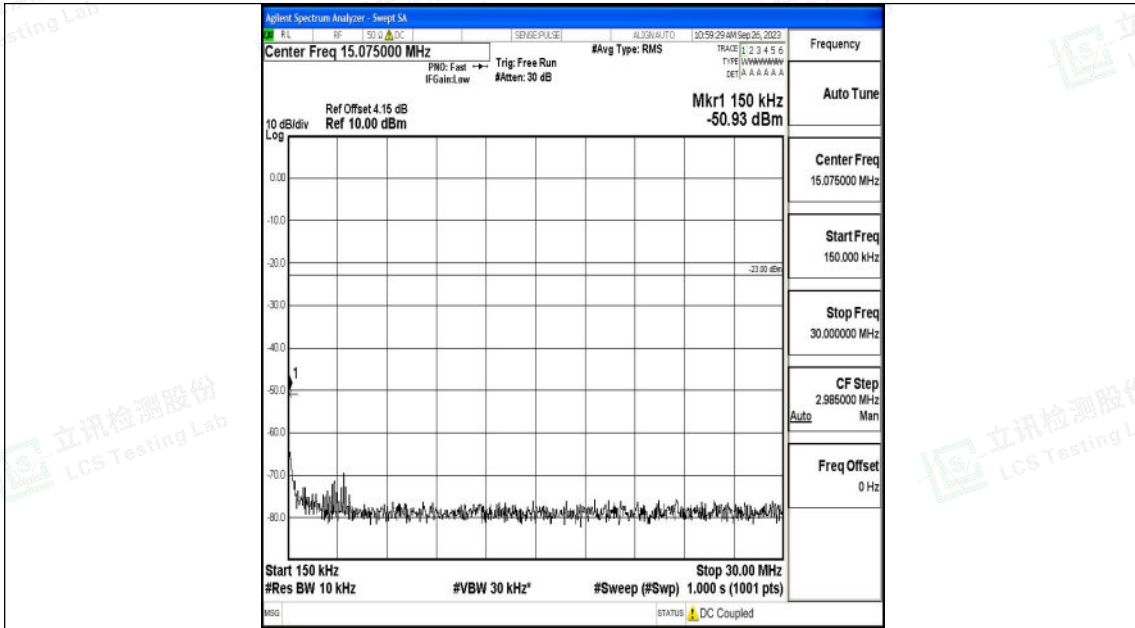
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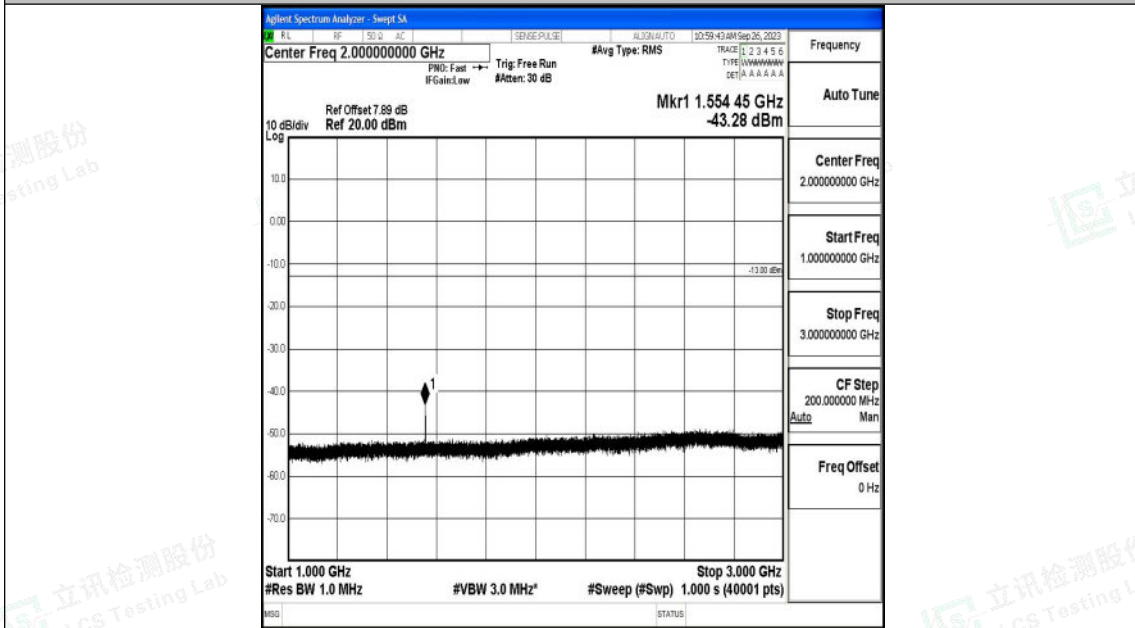
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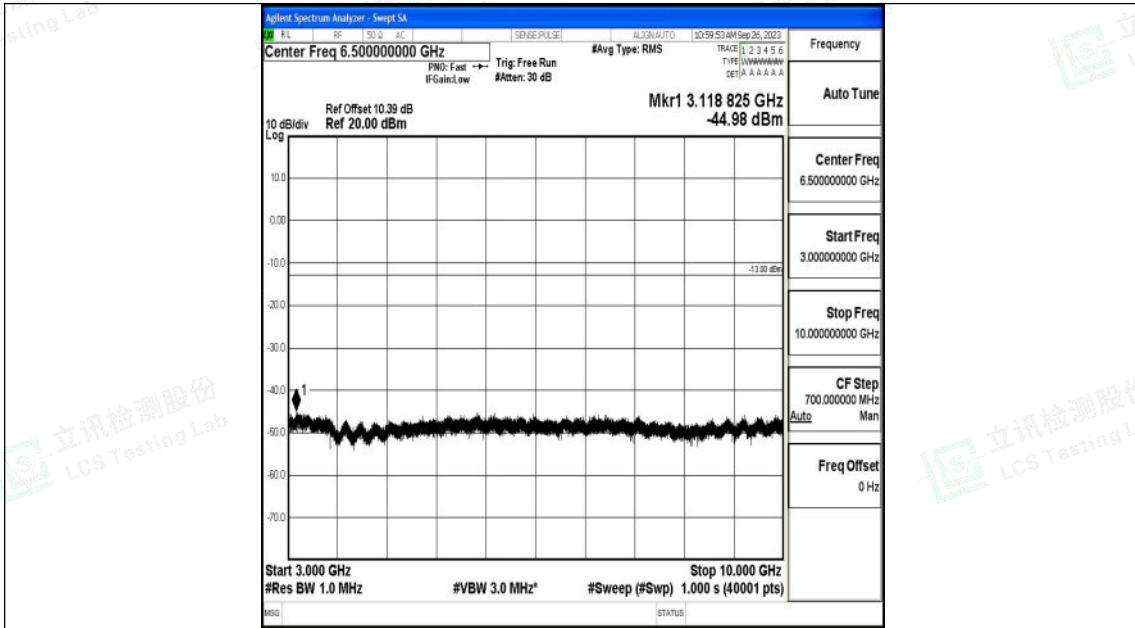
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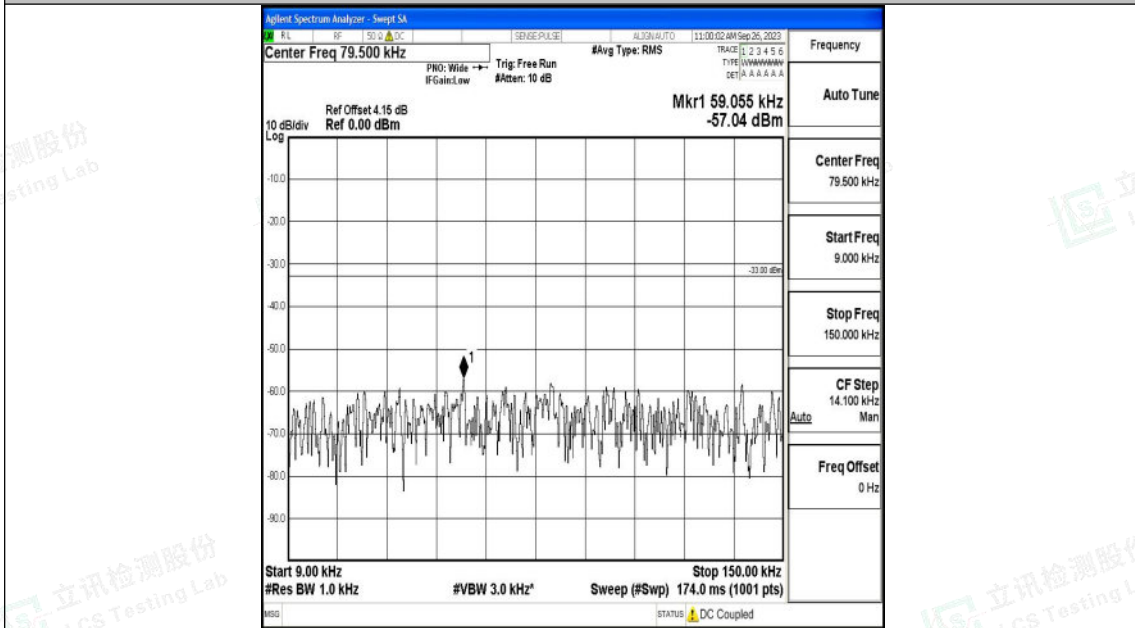
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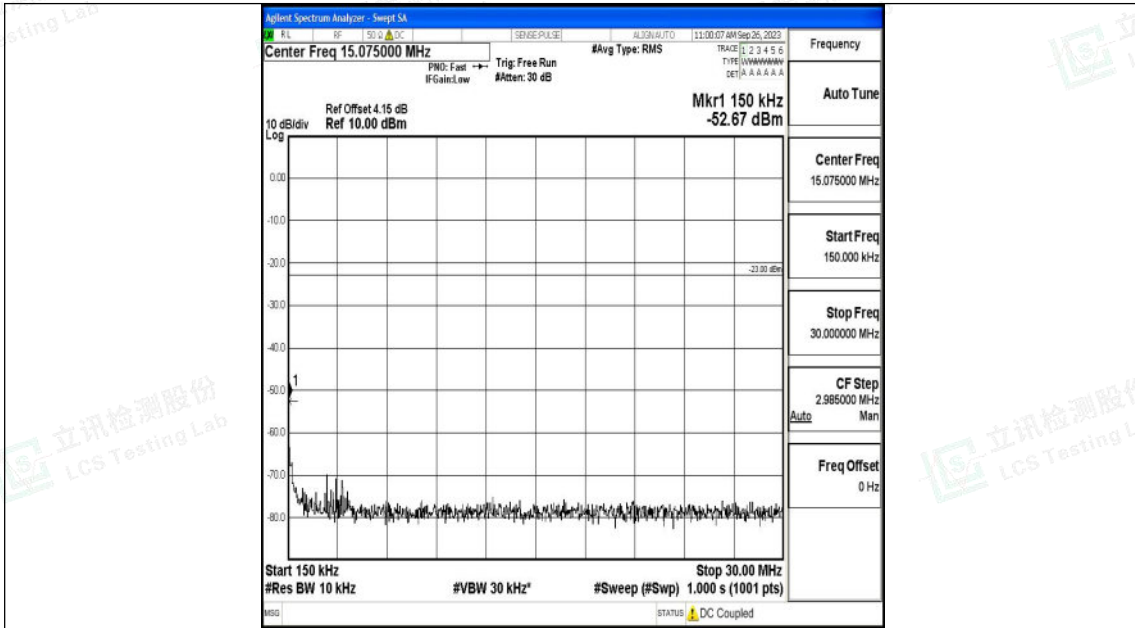


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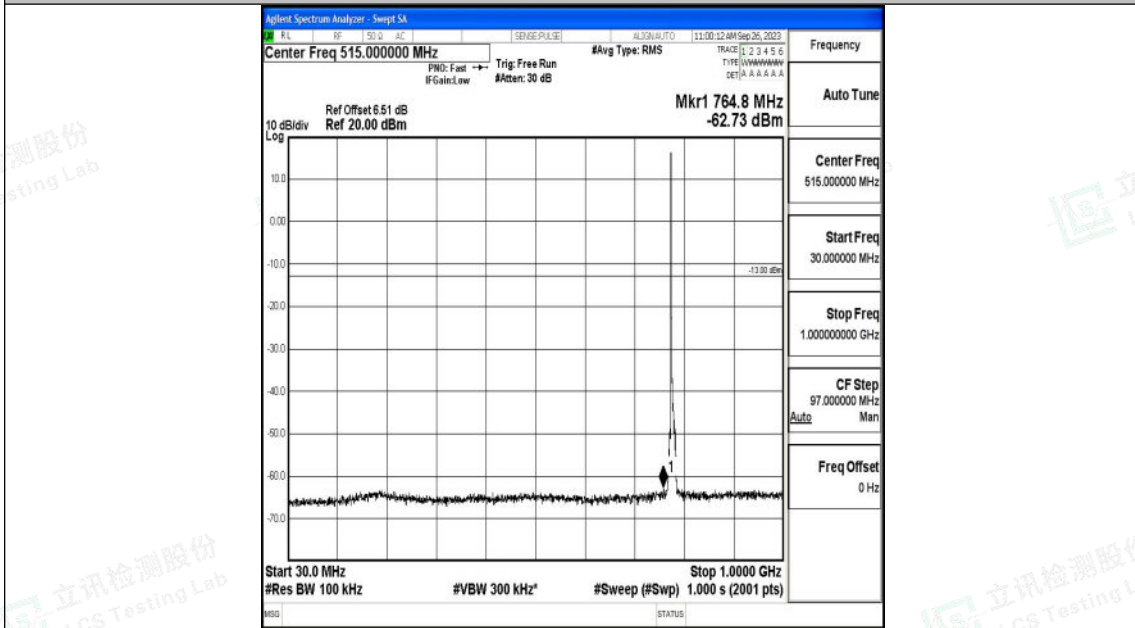


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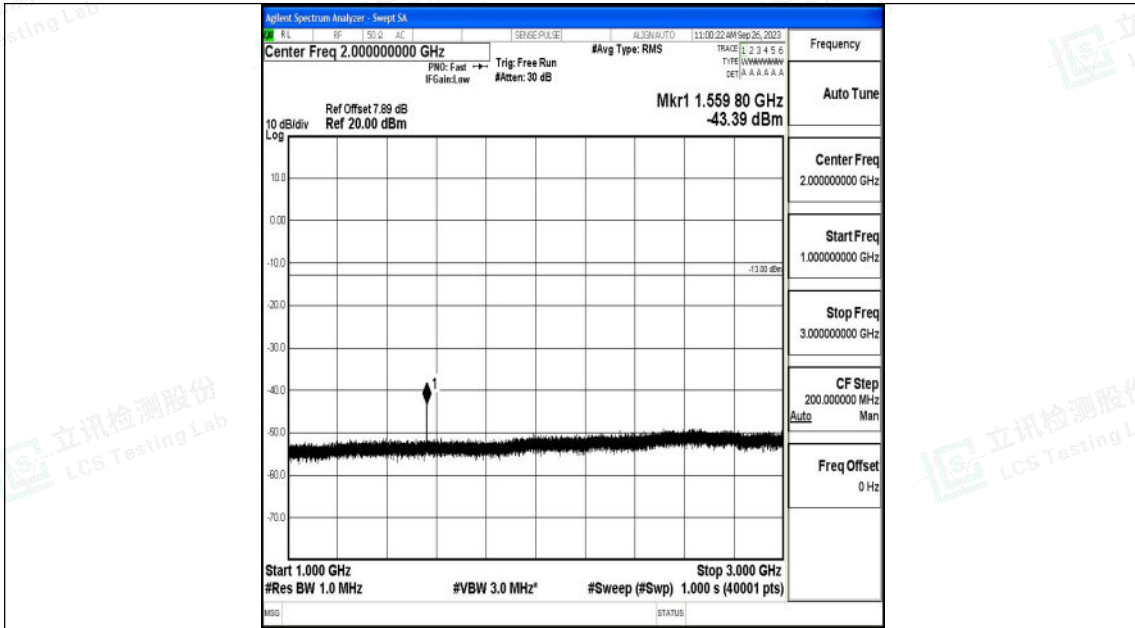


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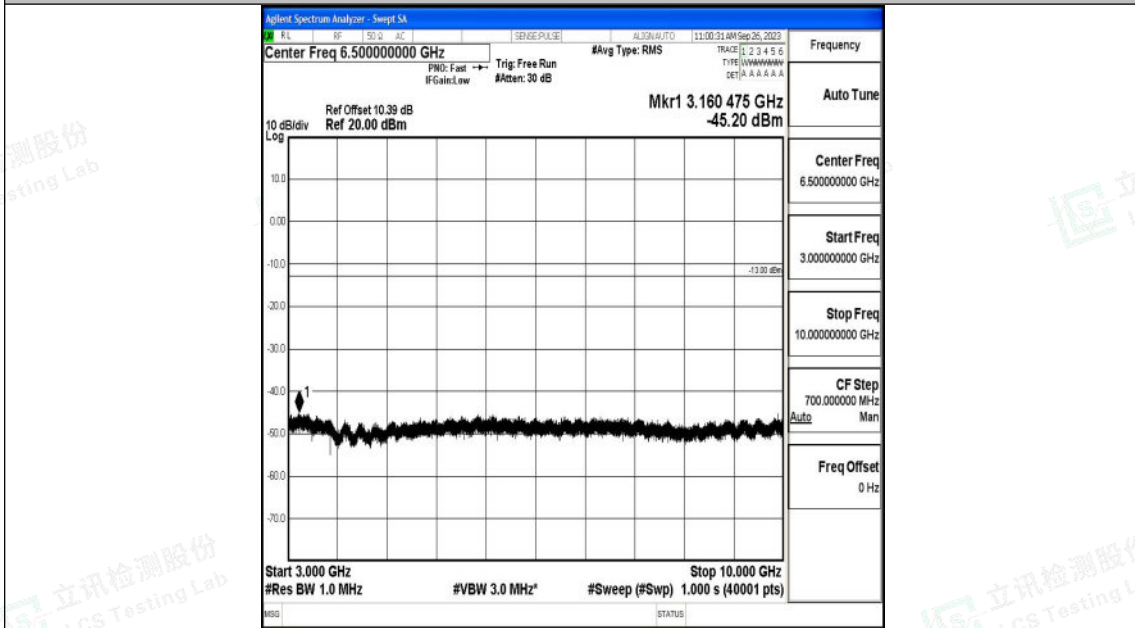


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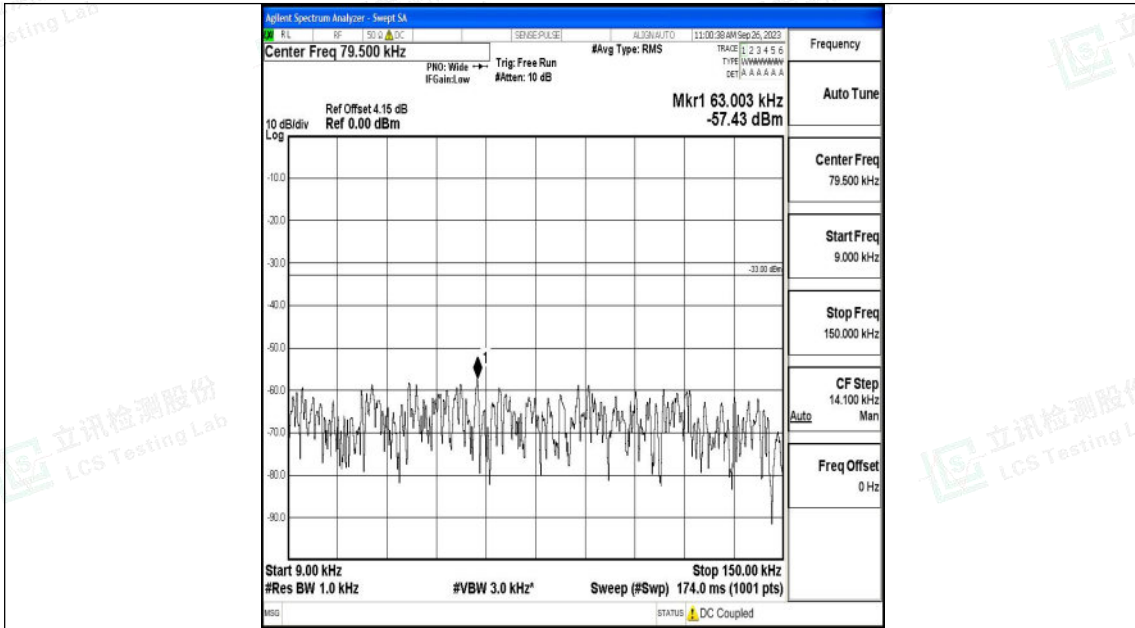
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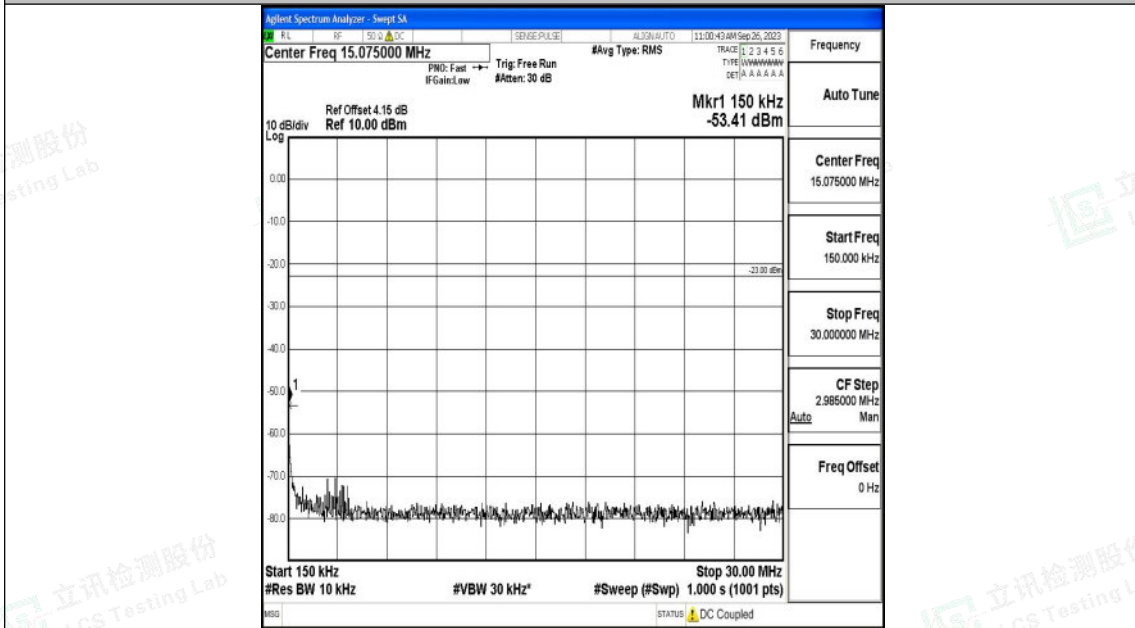
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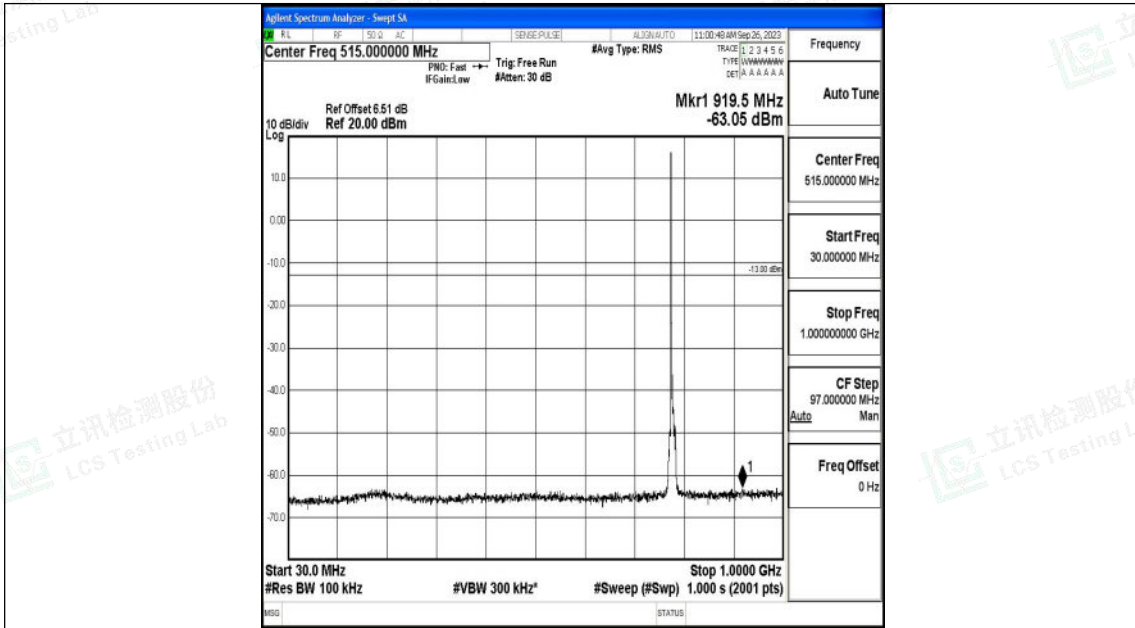
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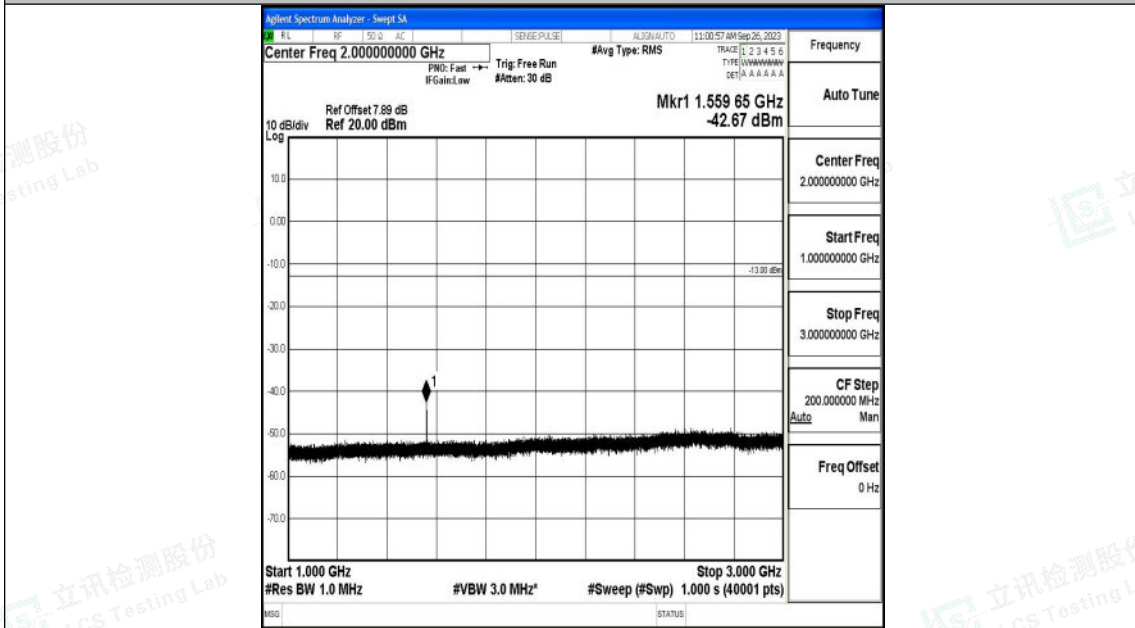
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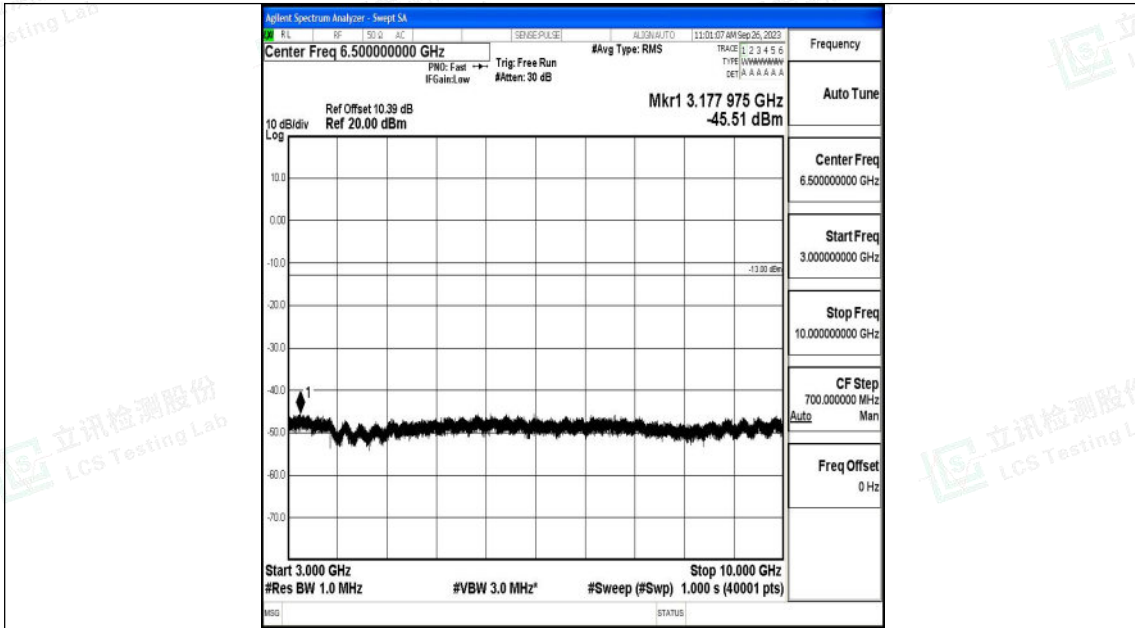
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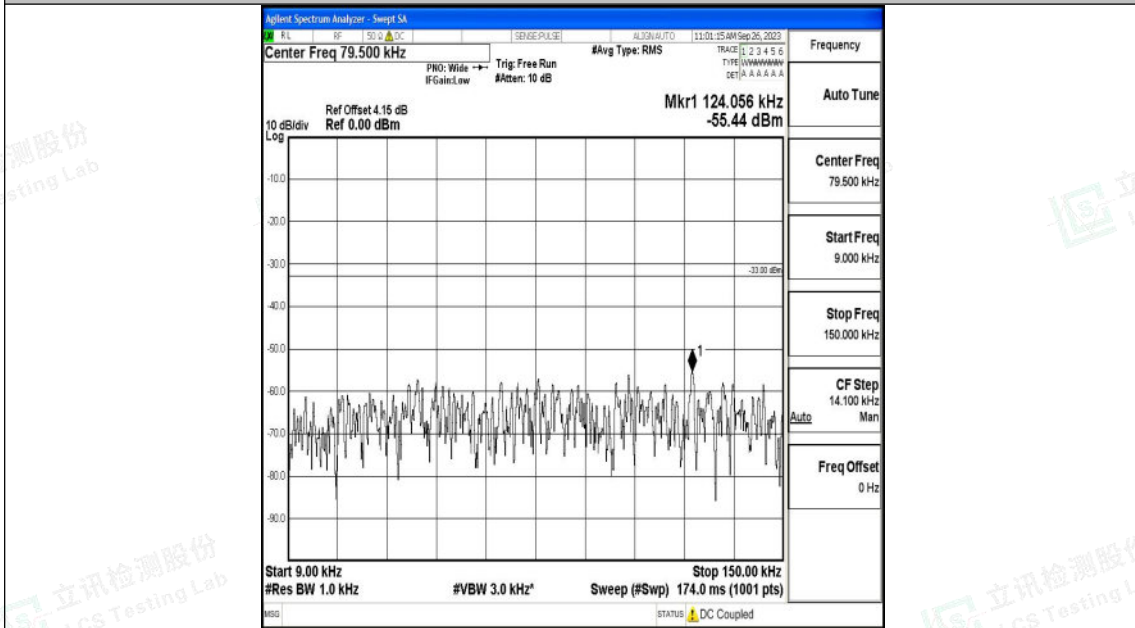
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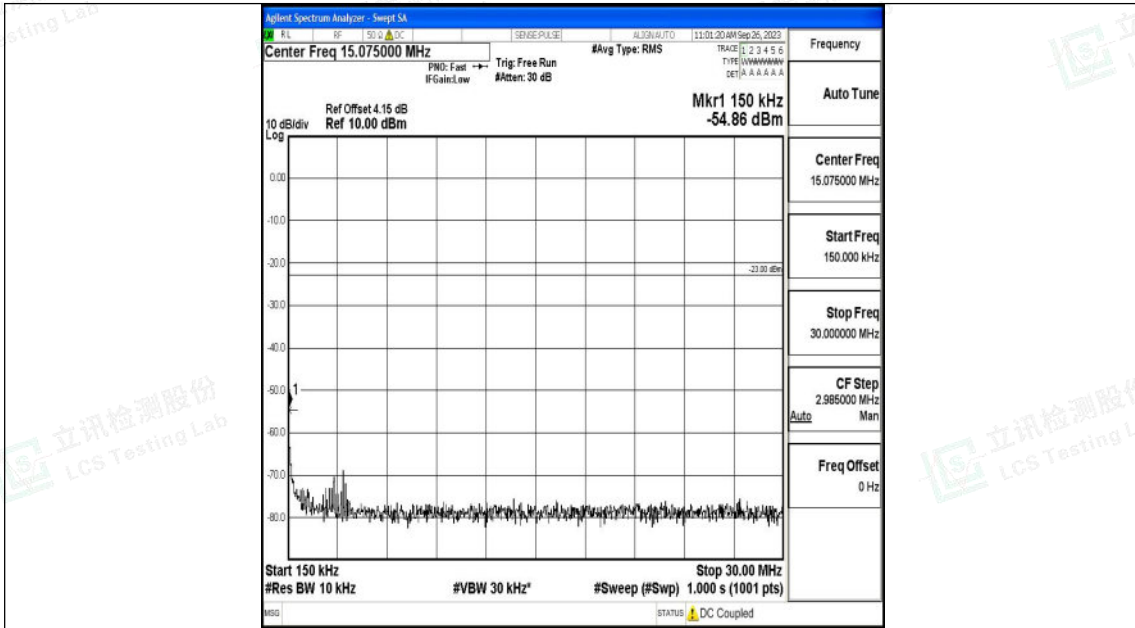
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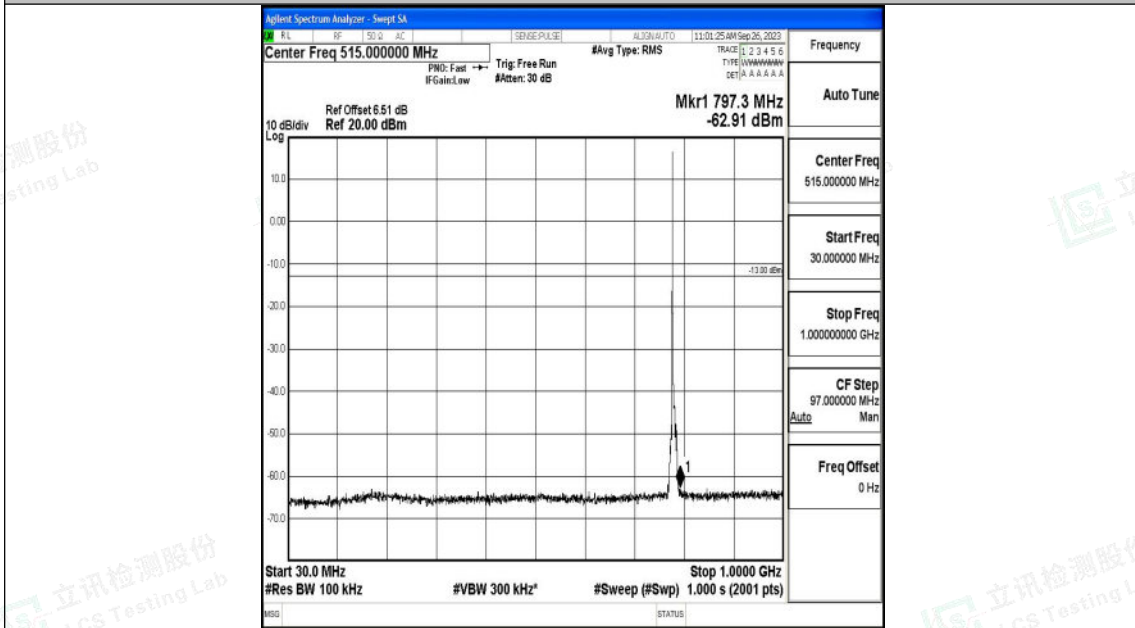
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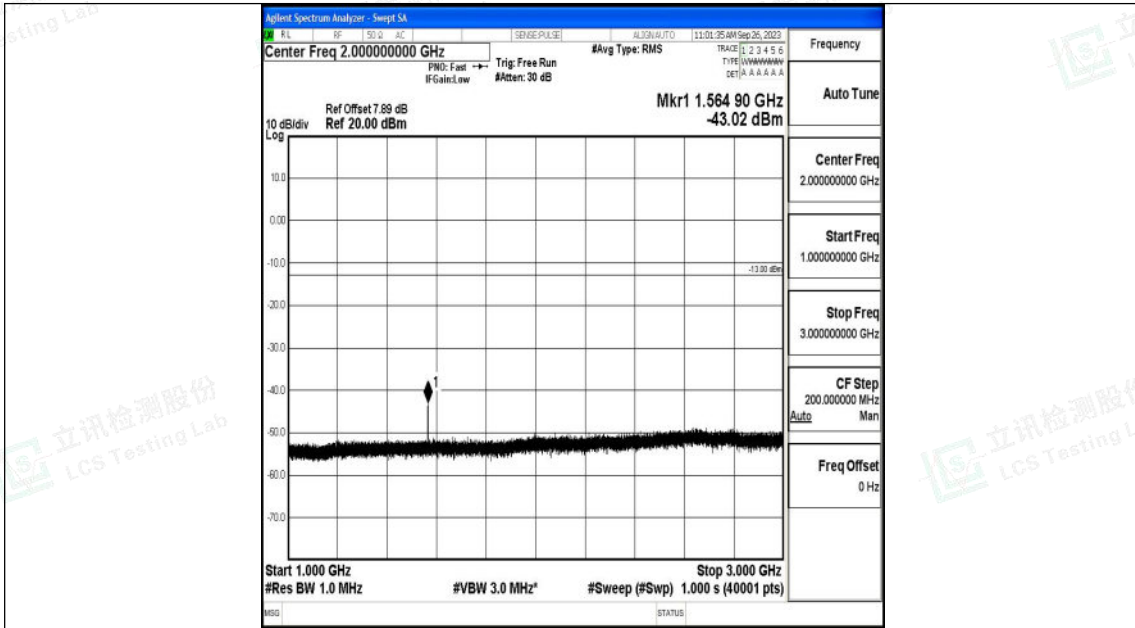
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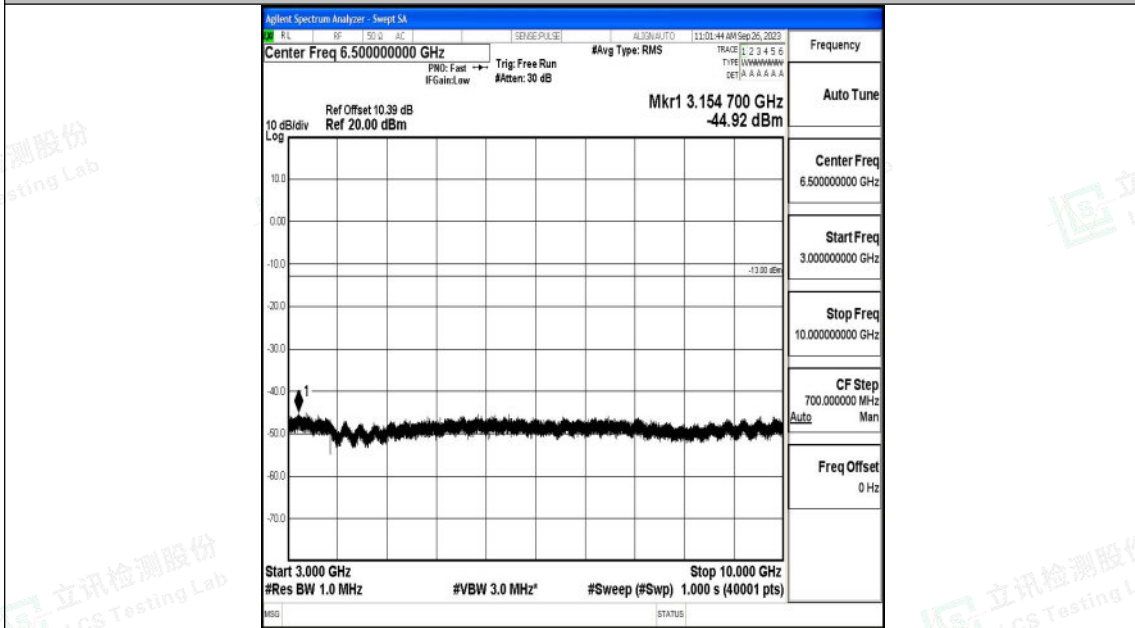
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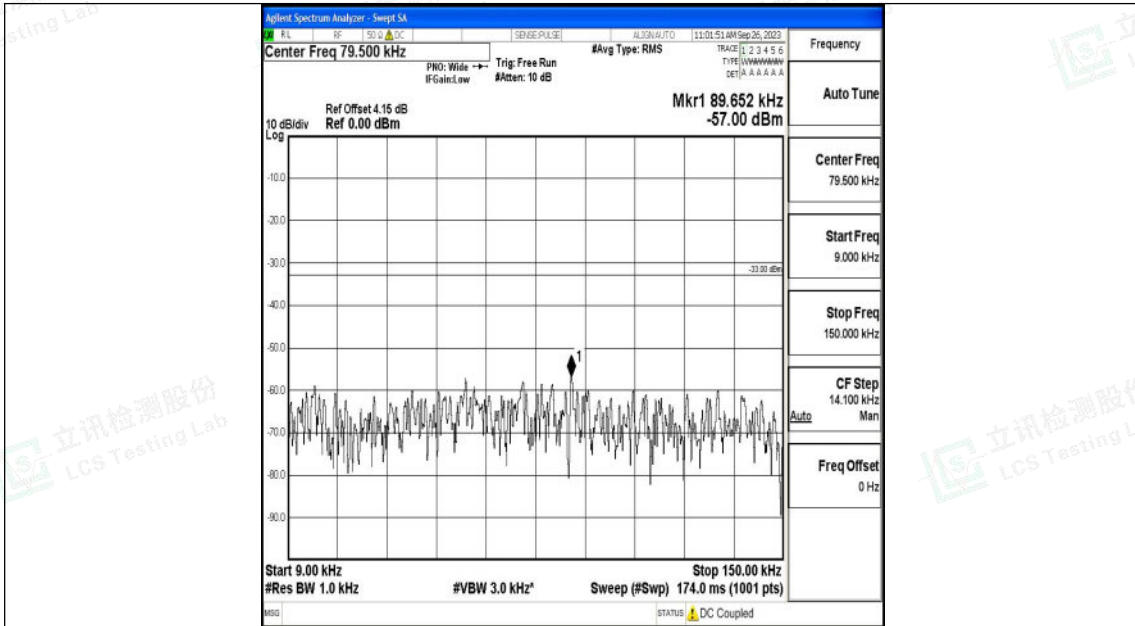
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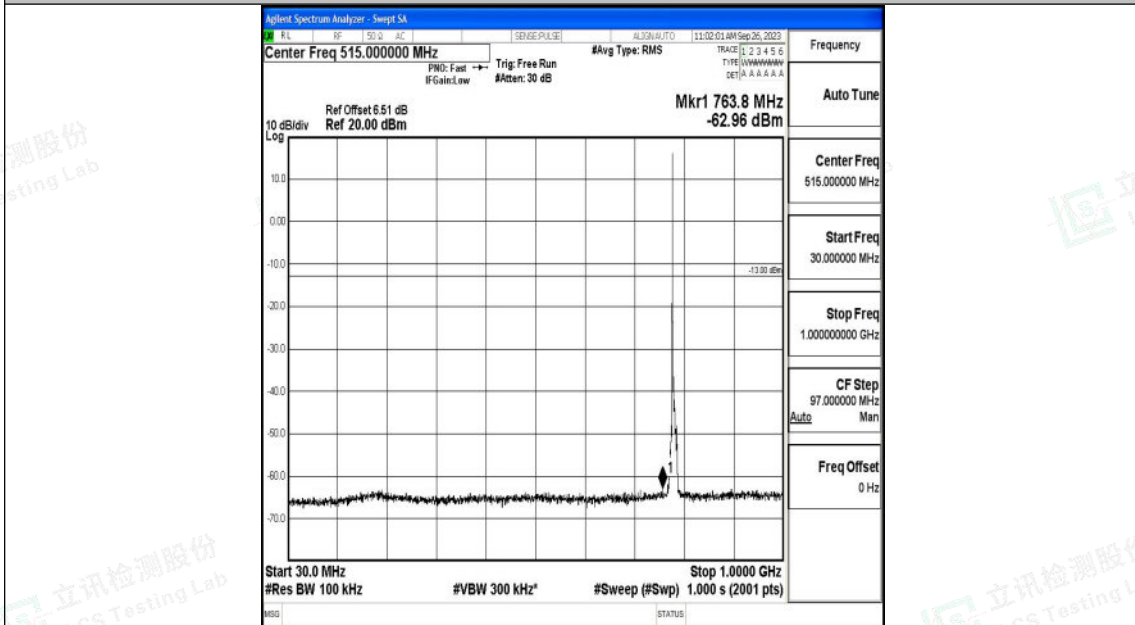
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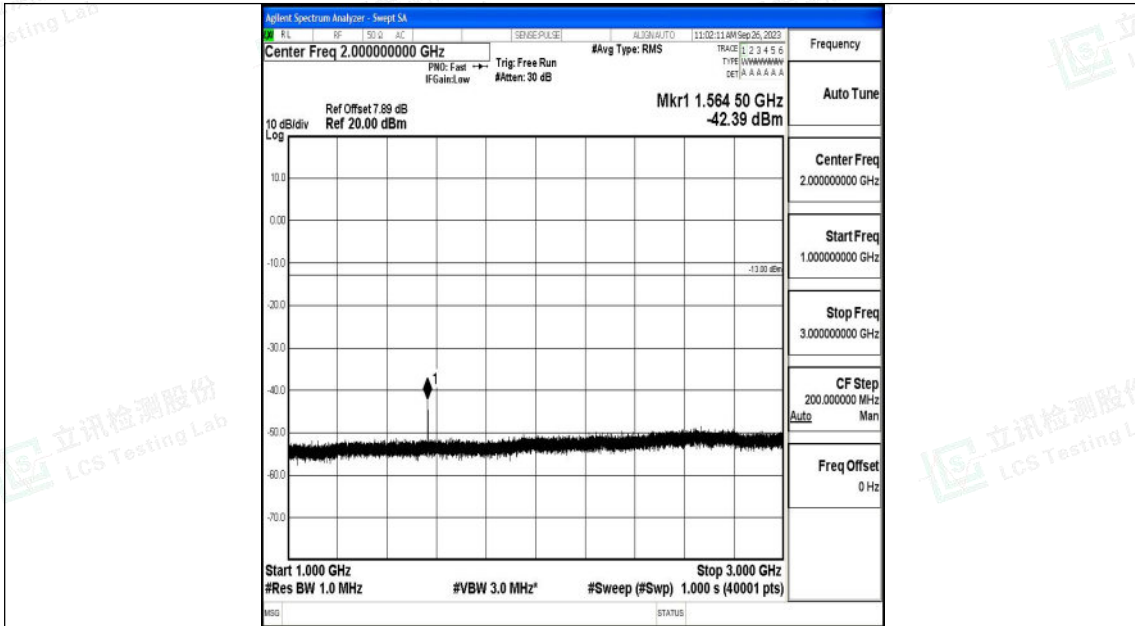


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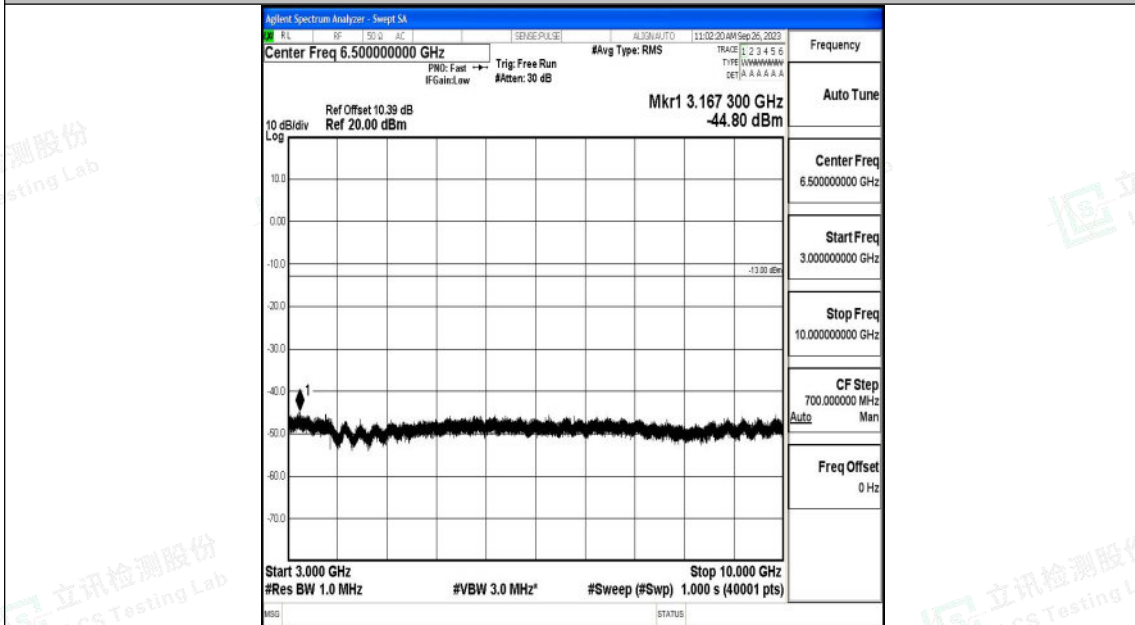


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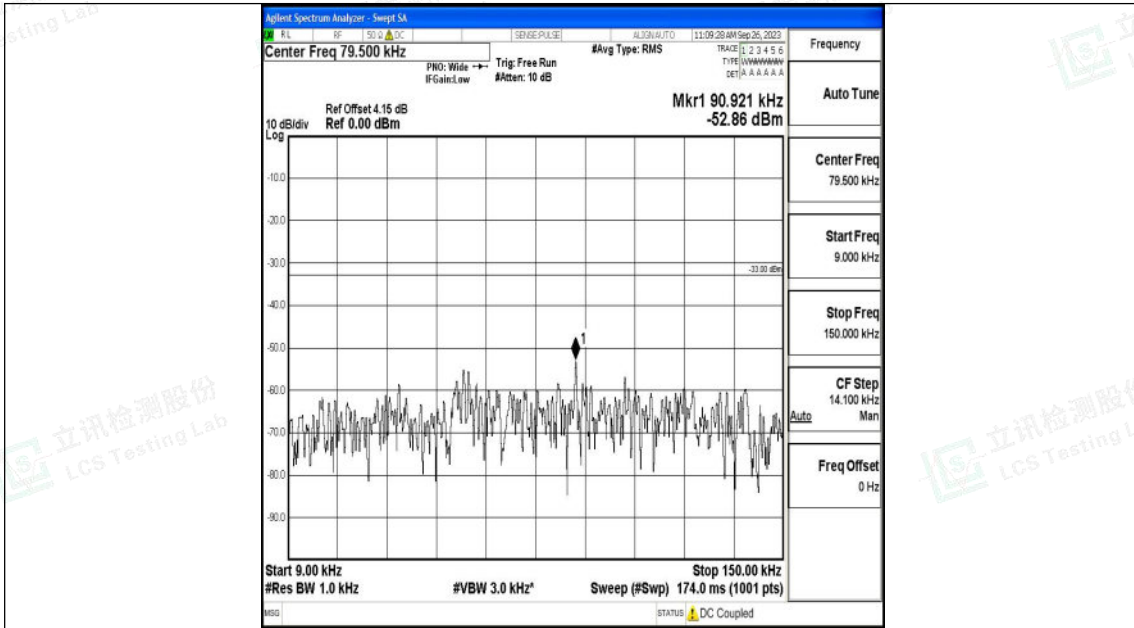
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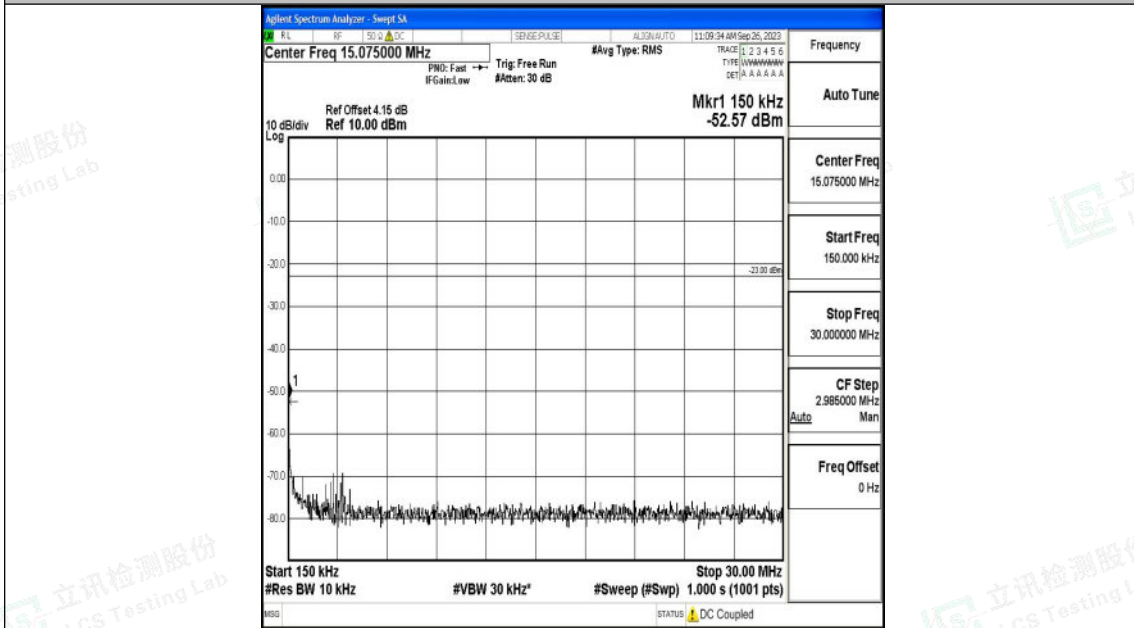
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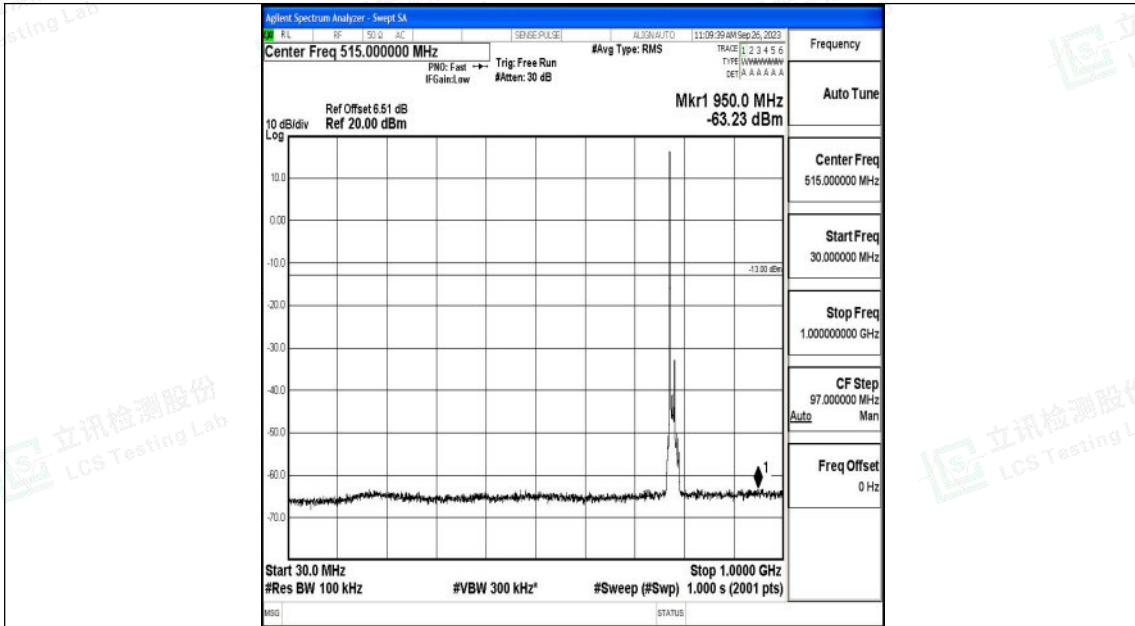
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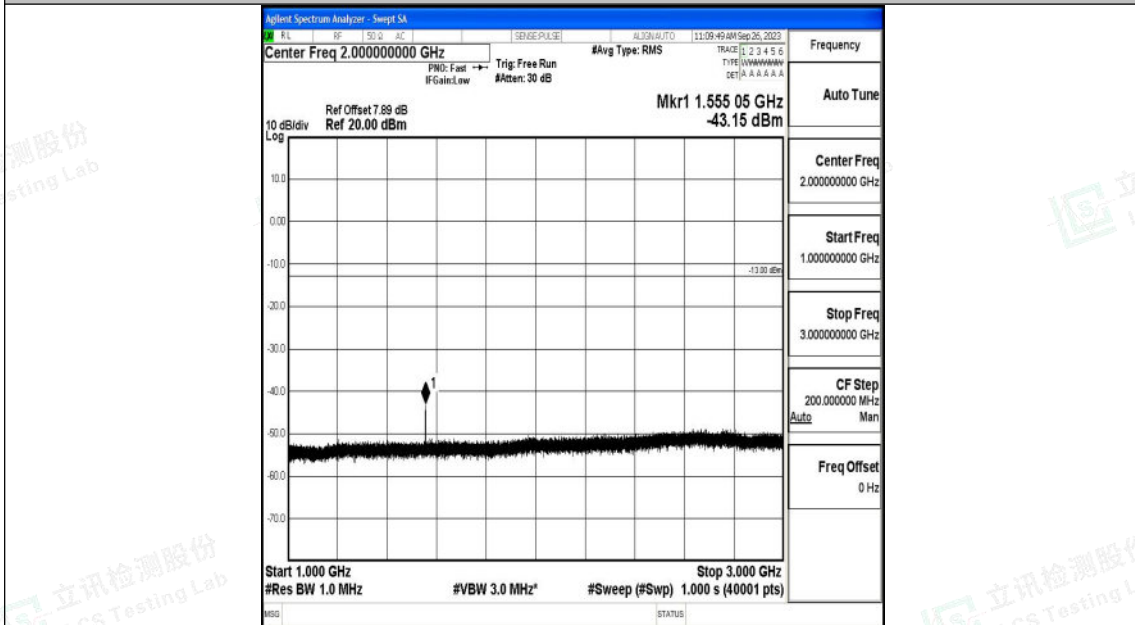
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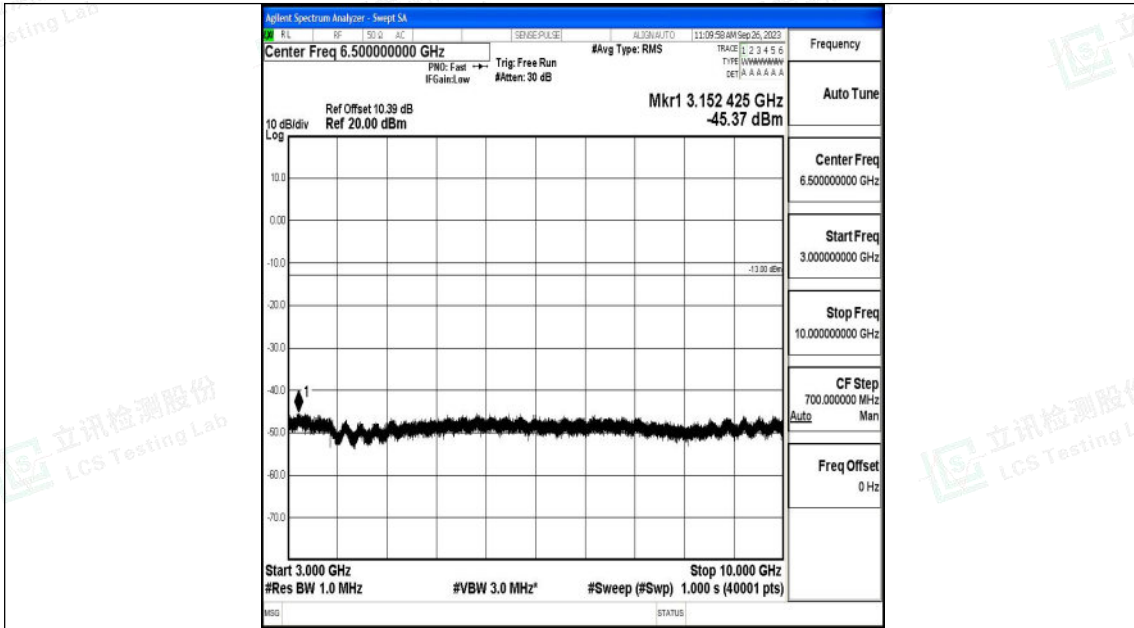
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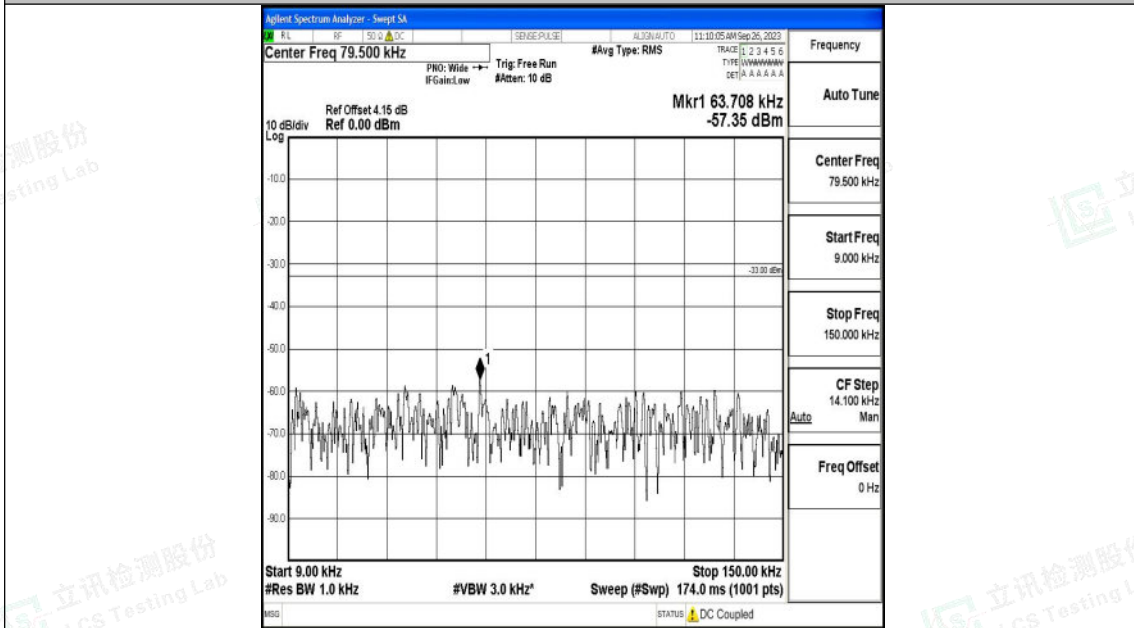
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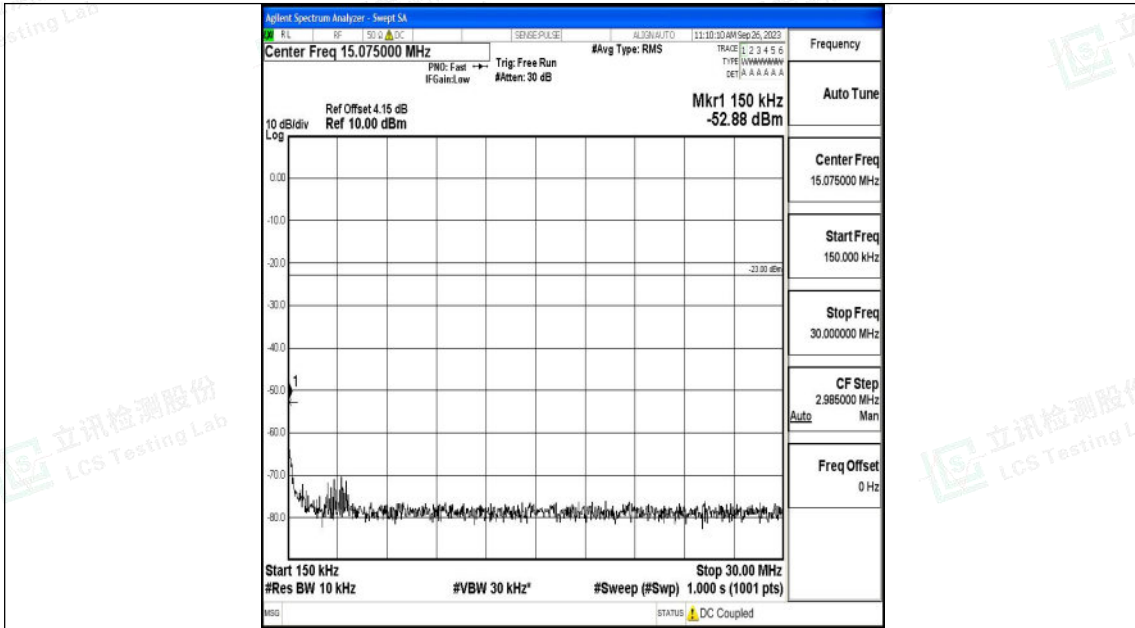
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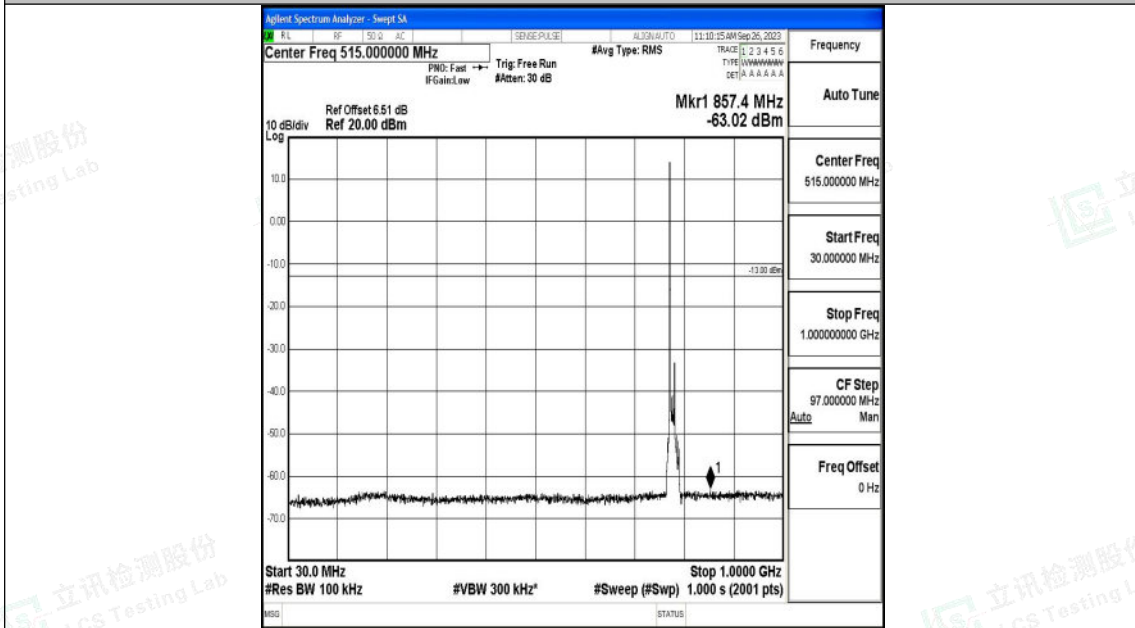
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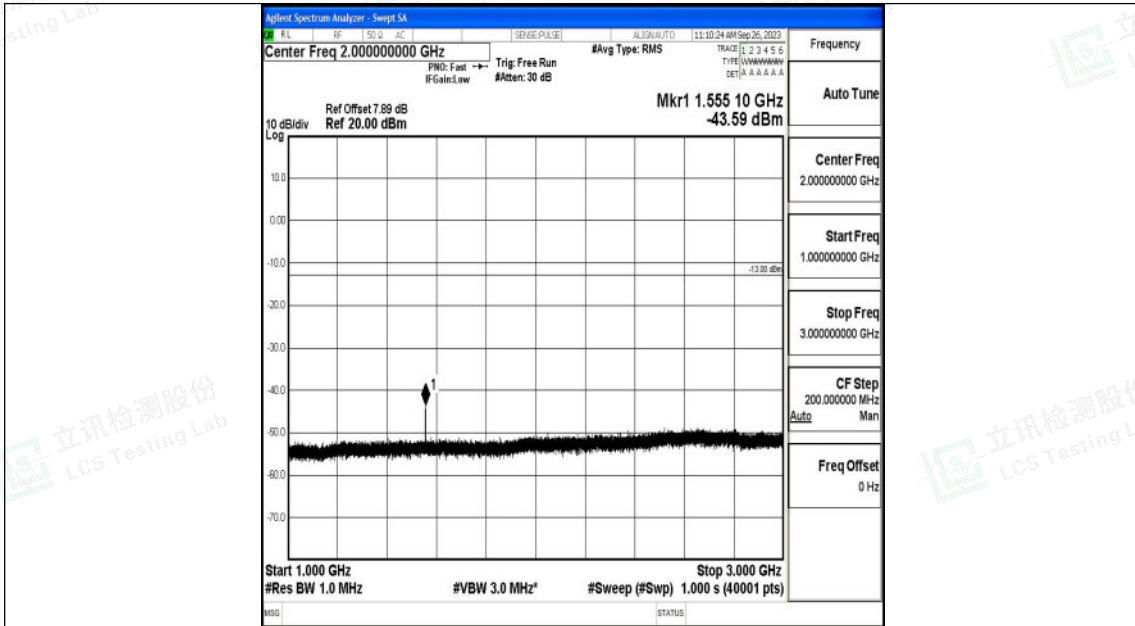


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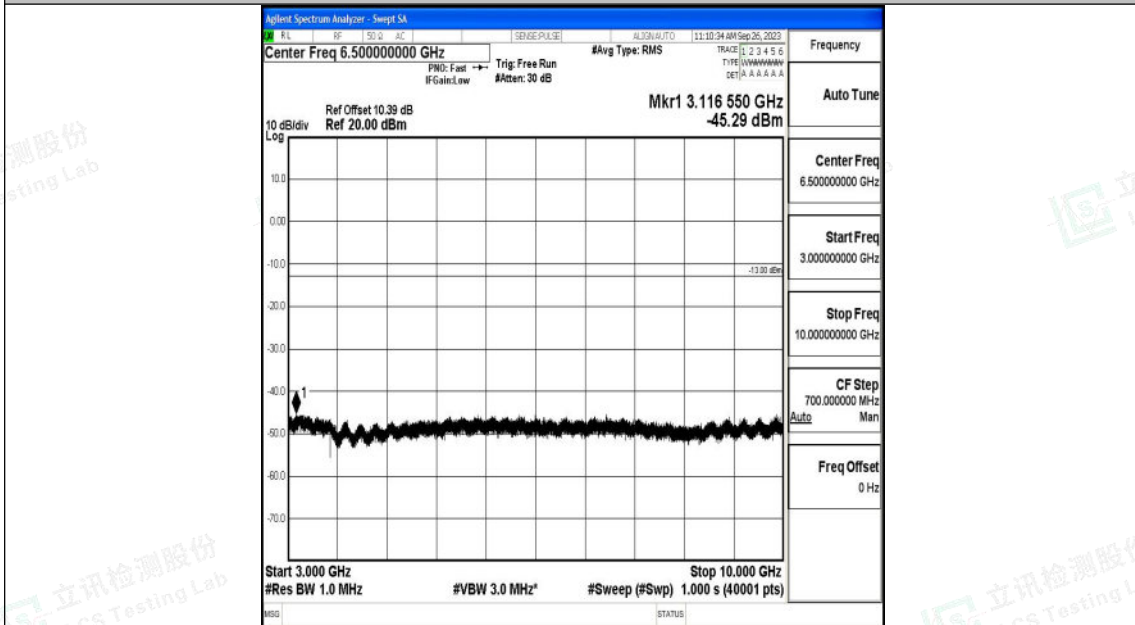


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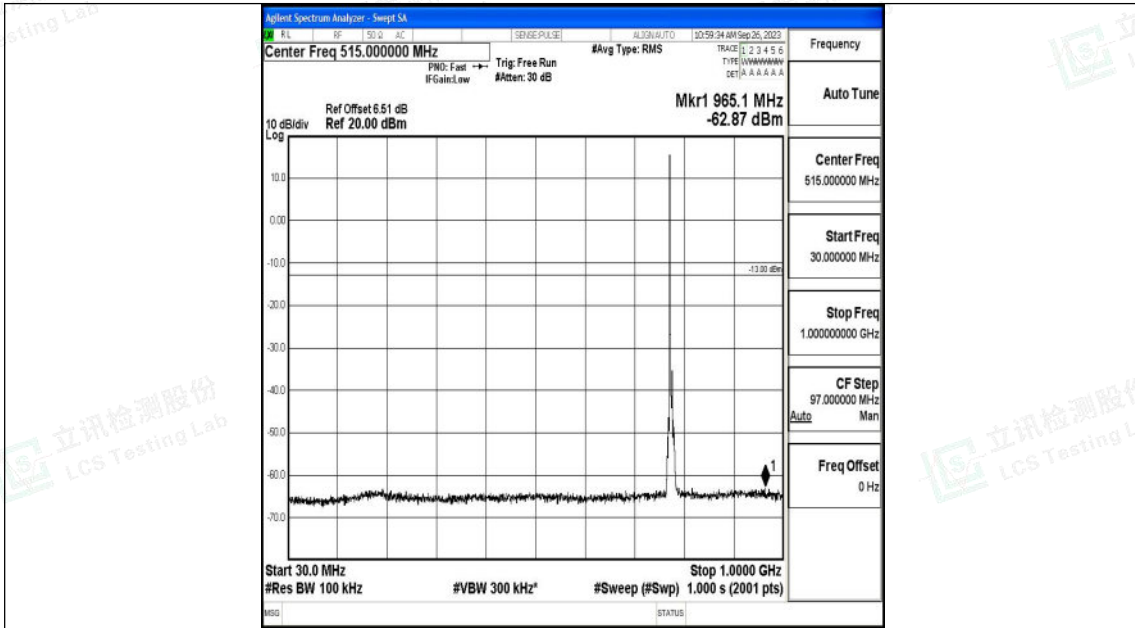
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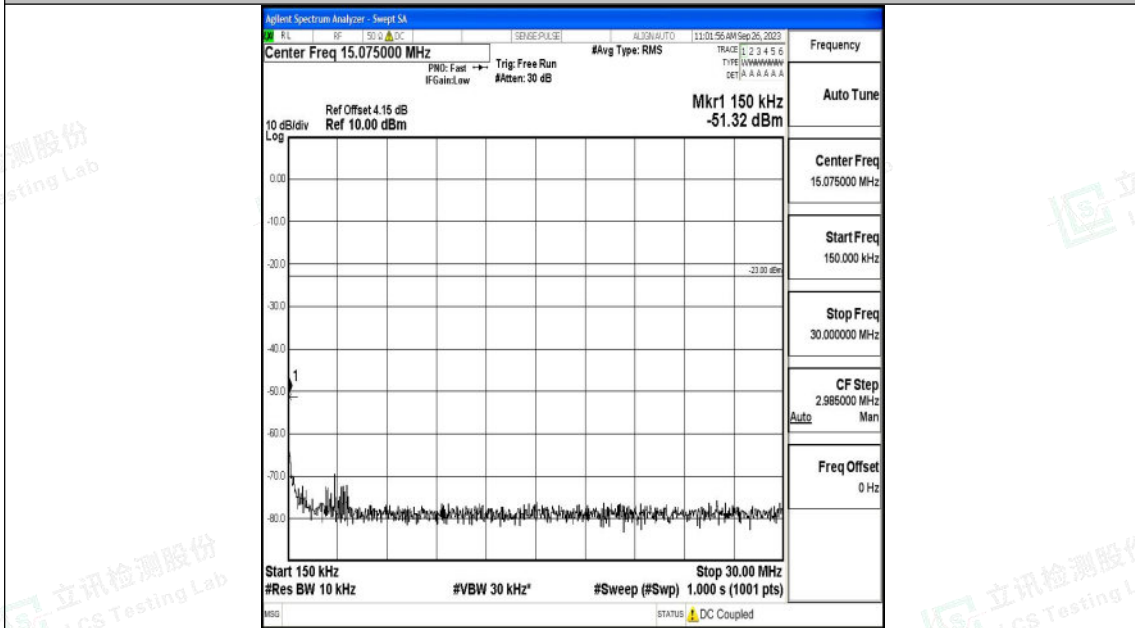
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Band13\_5MHz\_16QAM\_23205\_1RB#0\_30~1000\_30~1000



Band13\_5MHz\_16QAM\_23255\_1RB#0\_0.15~30\_0.15~30



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