



## Appendix H: Test Data for E-UTRA Band 5

**Product Name: Smartphone**

**Test Model: Smooth 5**

### Environmental Conditions

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



Shenzhen LCS Compliance Testing Laboratory Ltd.  
 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  
 Scan code to check authenticity



# H.1 Conducted Power Output Data

## Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.74	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.69	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.62	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.72	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.62	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.54	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.66	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.43	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.33	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.41	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.33	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.41	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.32	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.21	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.34	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.37	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.36	PASS



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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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Band5	1.4MHz	QPSK	20643	3RB#1	22.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.37	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.36	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.50	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.47	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.65	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.84	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.65	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.75	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.58	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.75	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.60	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.59	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.66	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.68	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.58	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.64	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.63	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.60	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.40	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.53	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.40	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.49	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.44	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.47	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.34	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.34	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.31	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.33	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.31	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.30	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.31	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.21	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.55	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.32	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.49	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.41	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.49	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.35	PASS





Band5	3MHz	QPSK	20635	8RB#0	21.52	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.48	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.48	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.49	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.53	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.49	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.48	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.33	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.63	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.73	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.68	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.50	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.46	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.53	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.58	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.50	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.52	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.56	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.54	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.61	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.54	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.61	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.46	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.71	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.35	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.60	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.43	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.34	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.43	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.32	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.36	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.40	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.38	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.49	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.41	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.63	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.62	PASS





Band5	5MHz	QPSK	20625	1RB#24	22.57	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.51	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.41	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.42	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.42	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.43	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.47	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.51	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.51	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.54	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.84	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.64	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.78	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.37	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.58	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.58	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.54	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.60	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.55	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.42	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.49	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.39	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.46	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.61	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.58	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.65	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.43	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.59	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.53	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.59	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.56	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.56	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.42	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.44	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.52	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.47	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.43	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.35	PASS





Band5	10MHz	QPSK	20600	1RB#24	22.55	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.46	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.55	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.43	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.41	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.44	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.42	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.42	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.52	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.49	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.43	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.  
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## H.2 Peak-to-Average Ratio(CCDF)

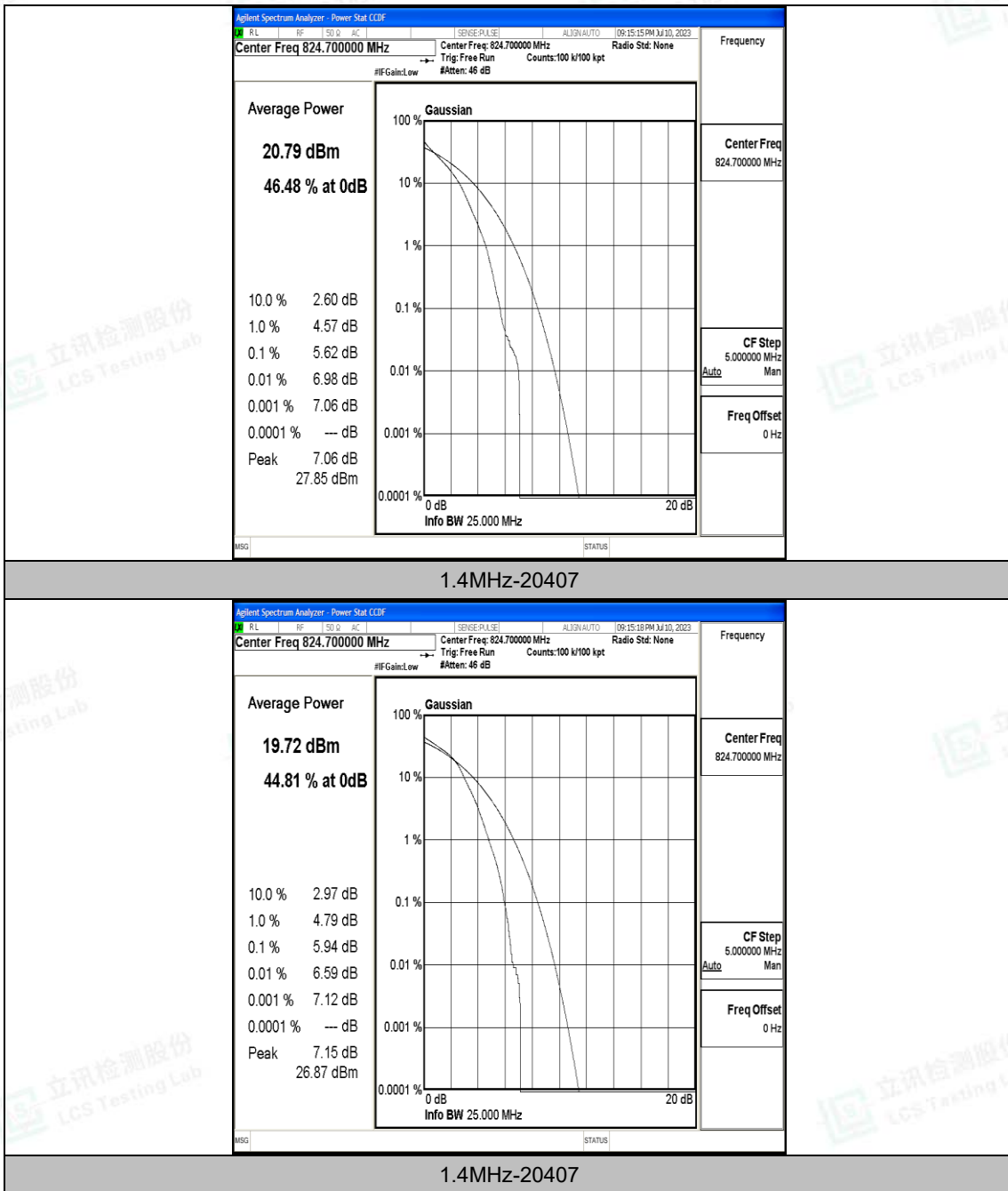
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.94	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.50	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.29	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.16	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.06	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.53	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.17	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.14	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.31	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.18	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.68	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.39	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.41	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.29	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.24	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.28	13	PASS

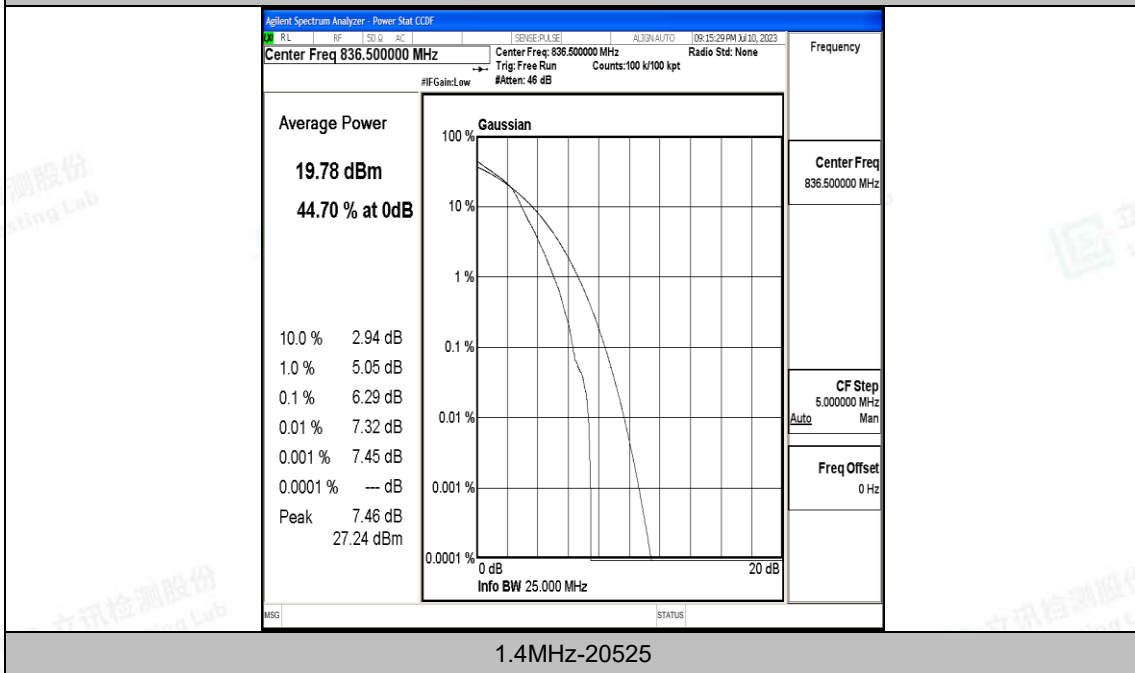
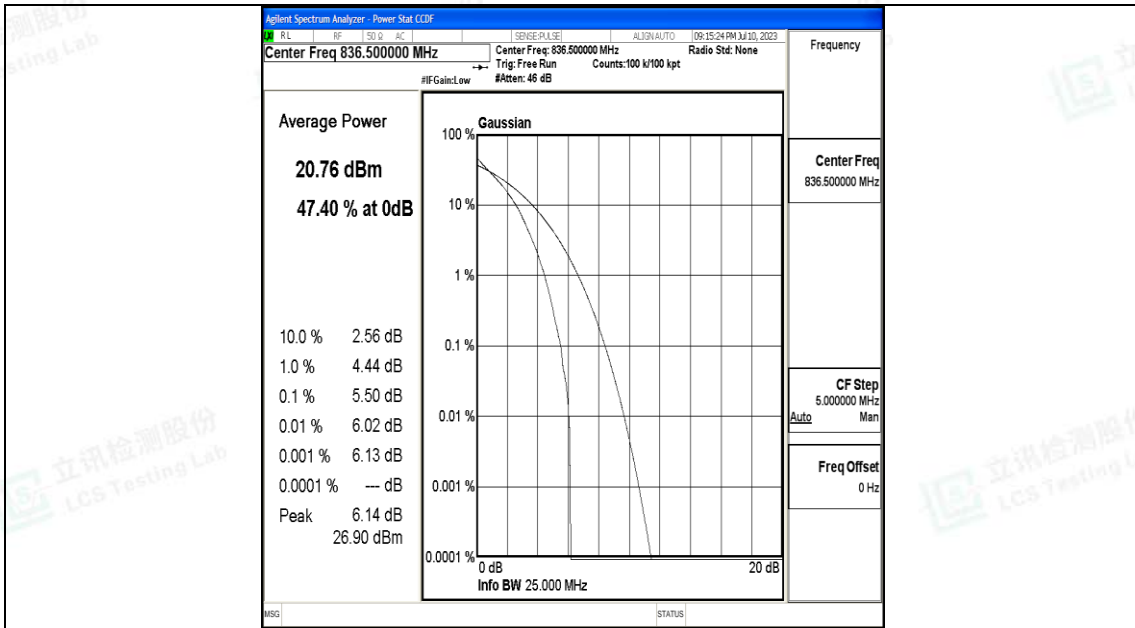


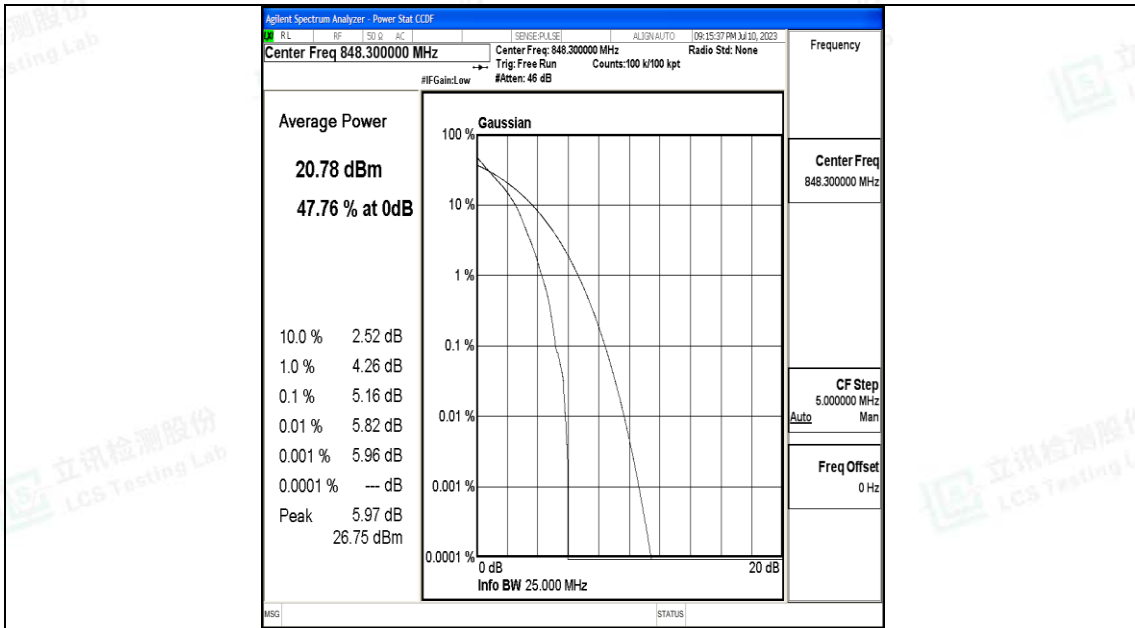


### Test Graphs

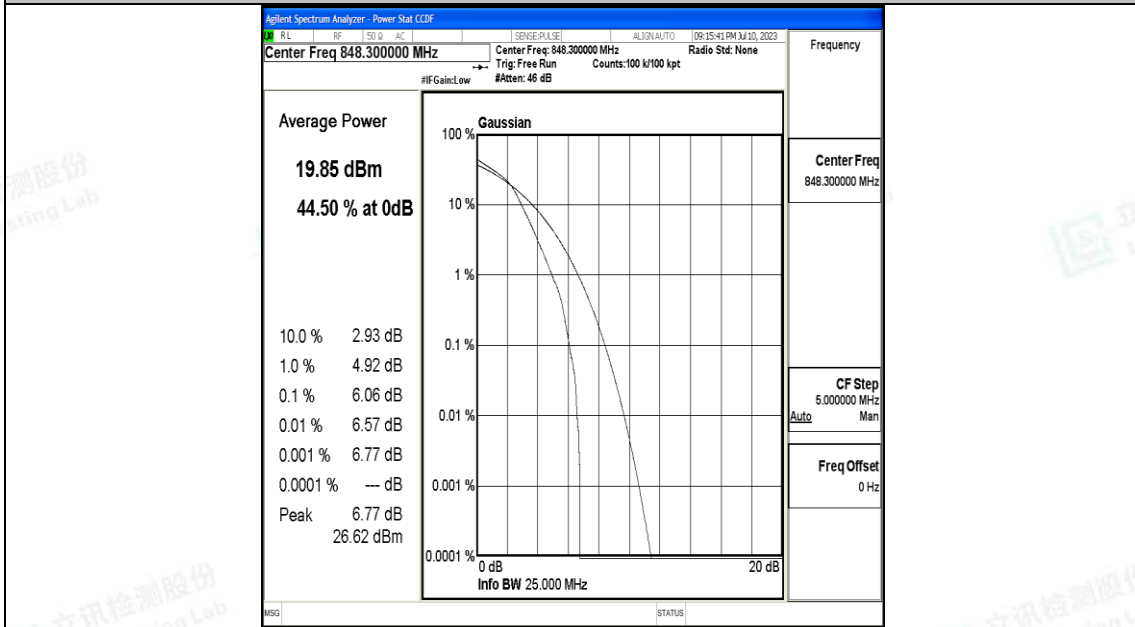






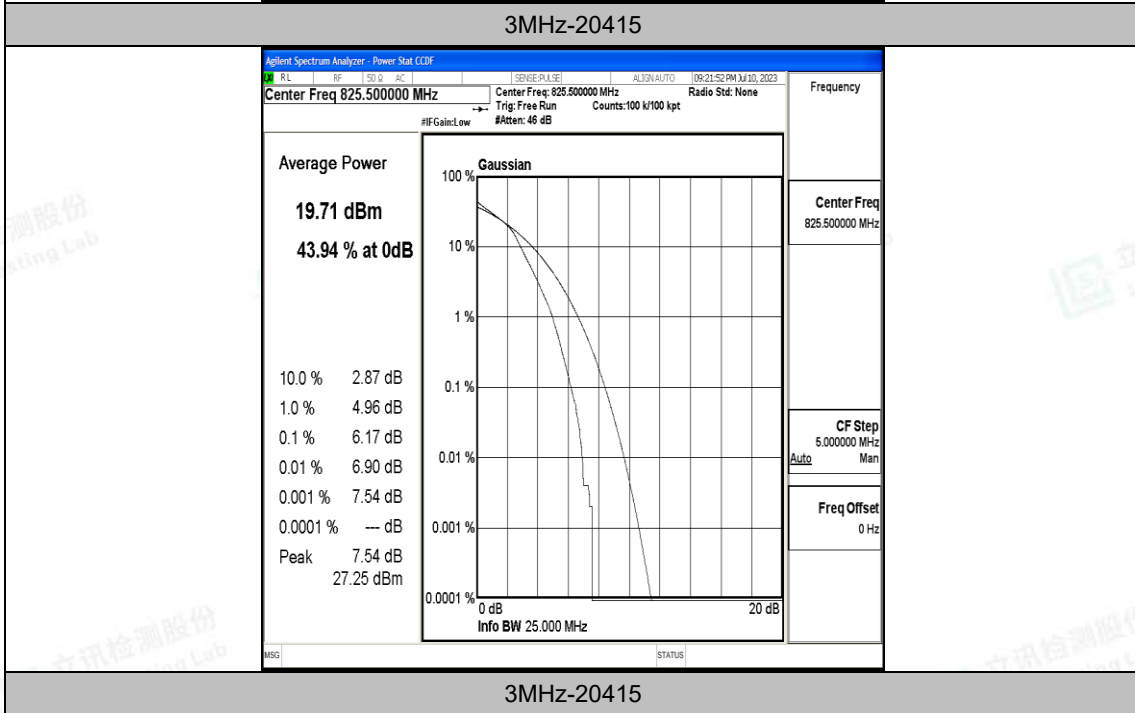
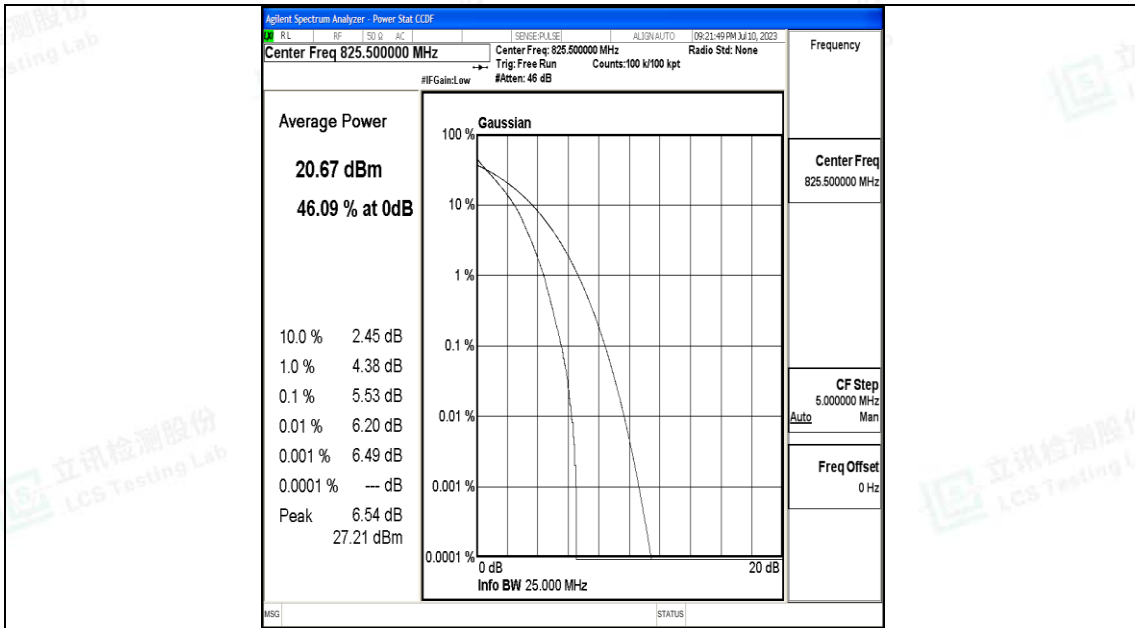


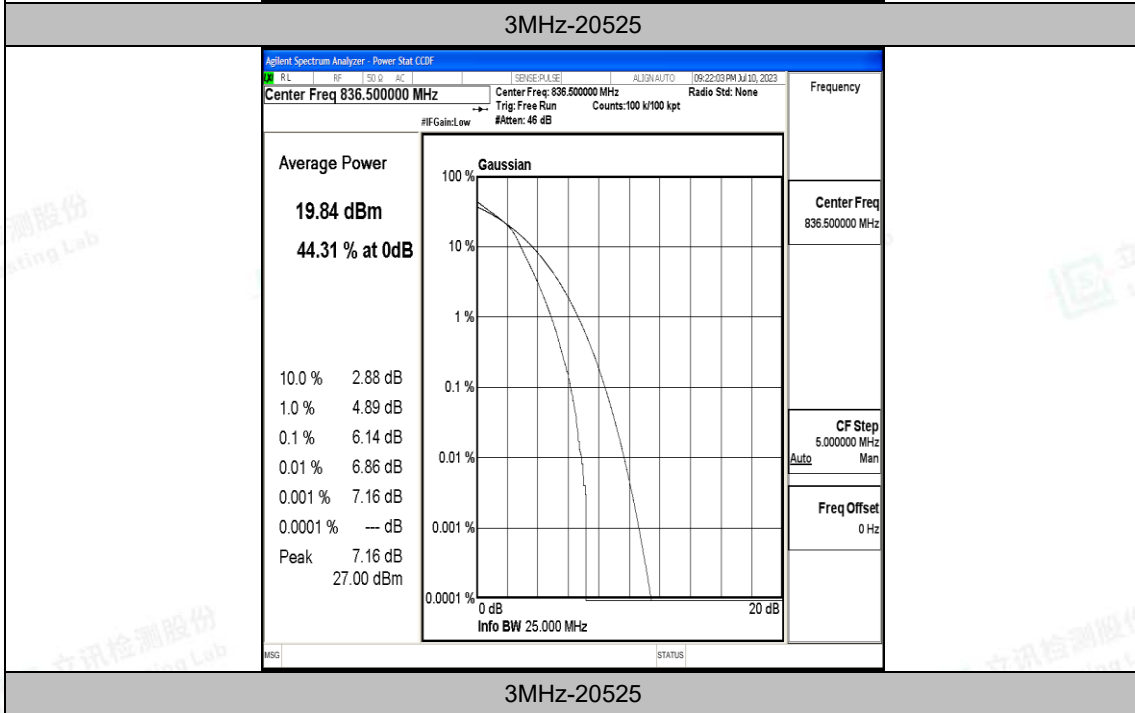
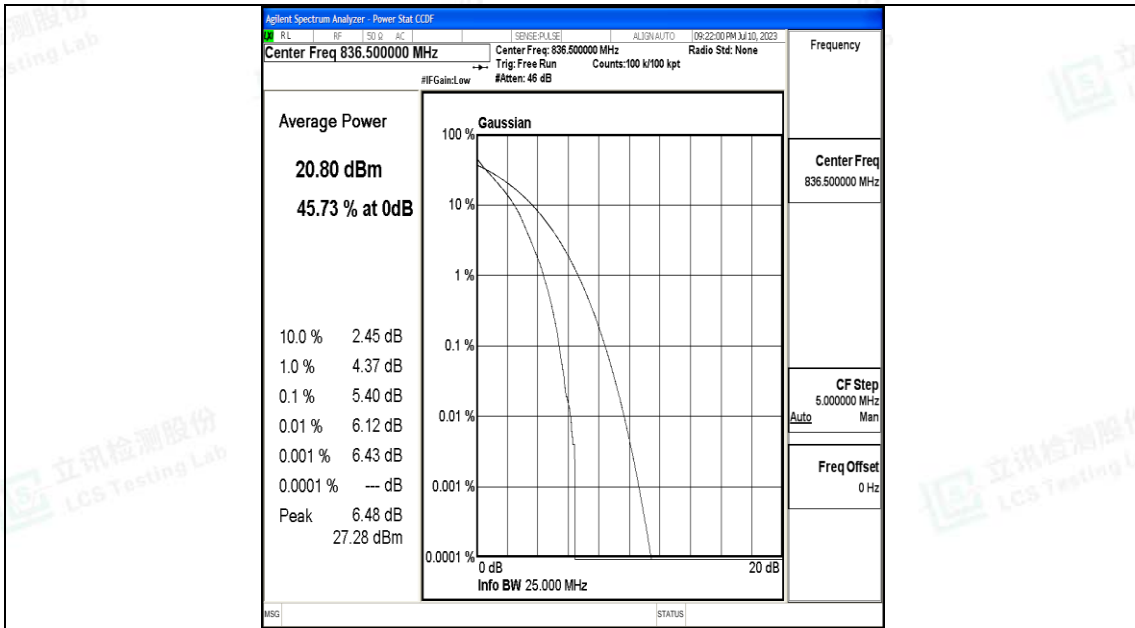
1.4MHz-20643

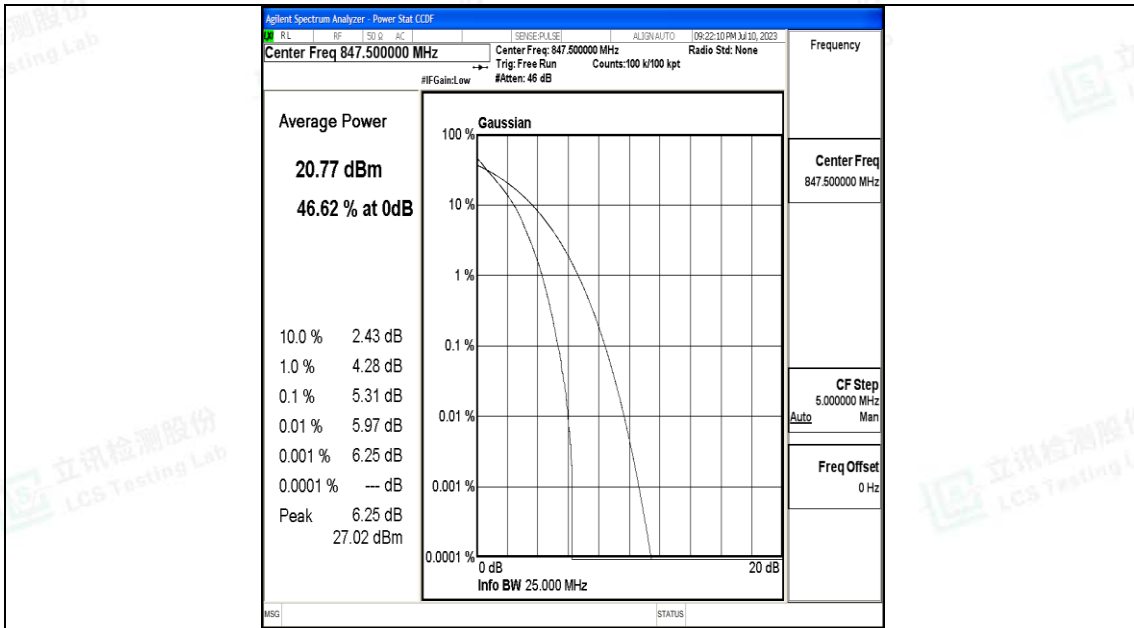


1.4MHz-20643

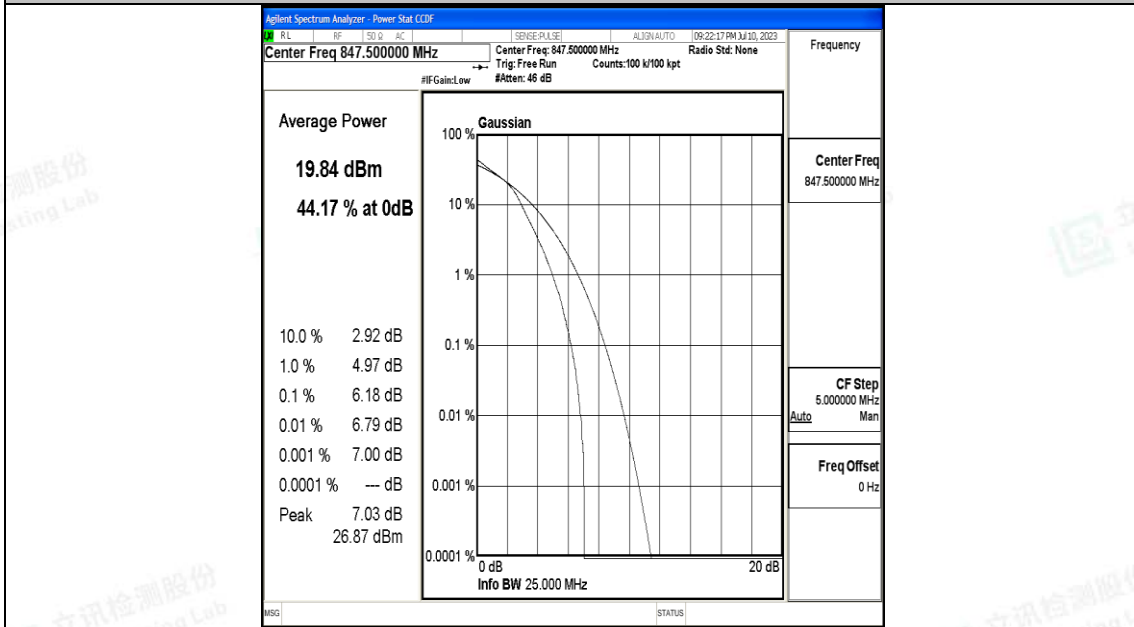






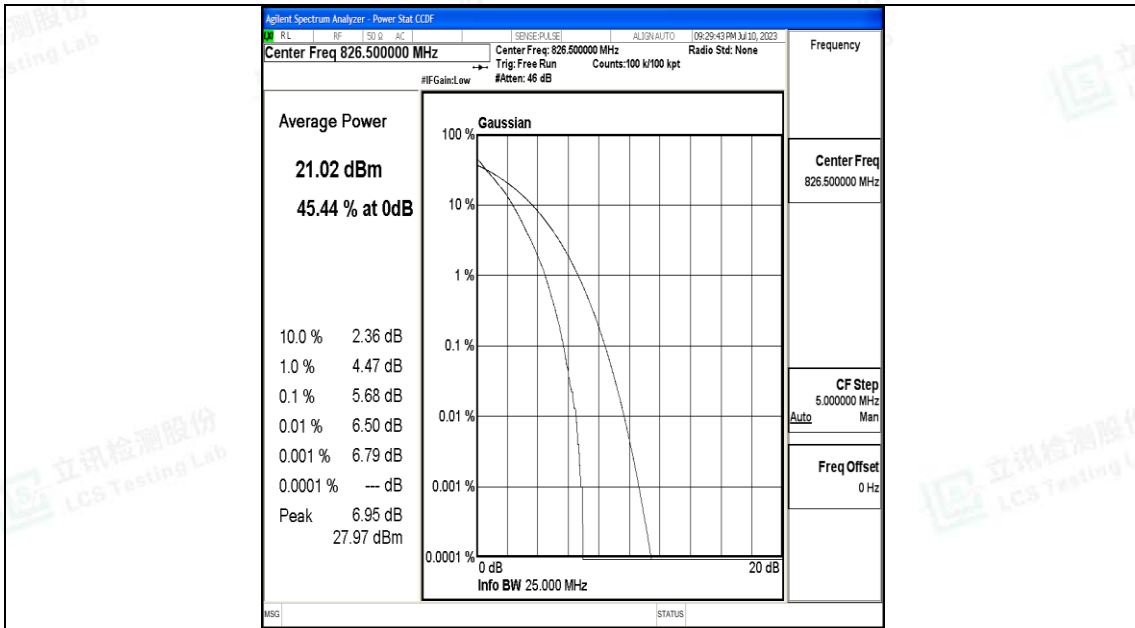


3MHz-20635

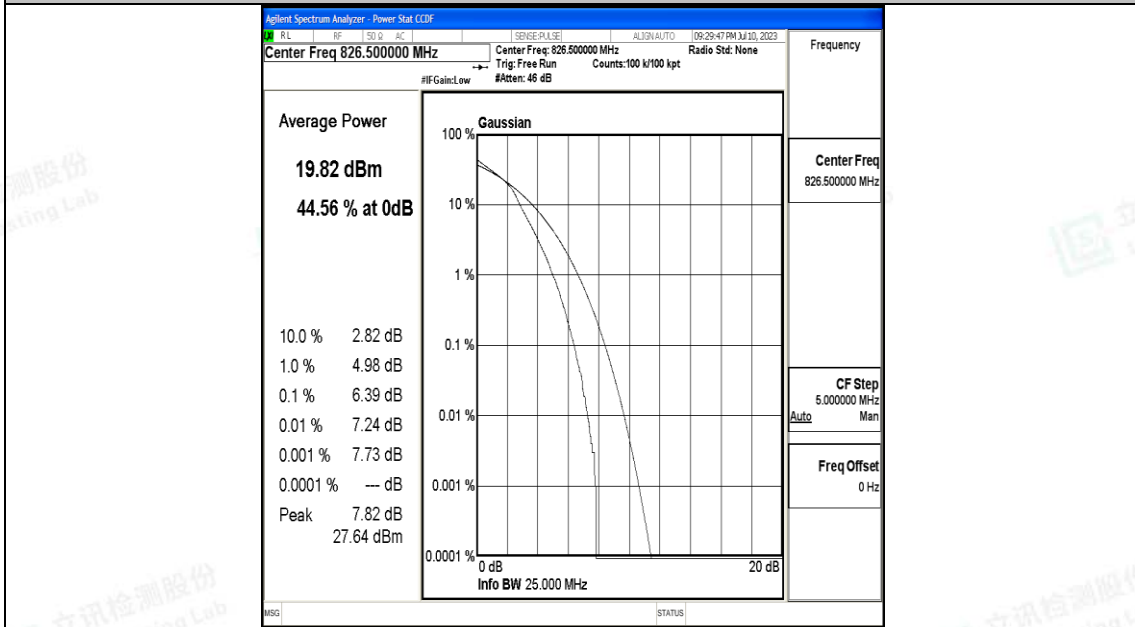


3MHz-20635



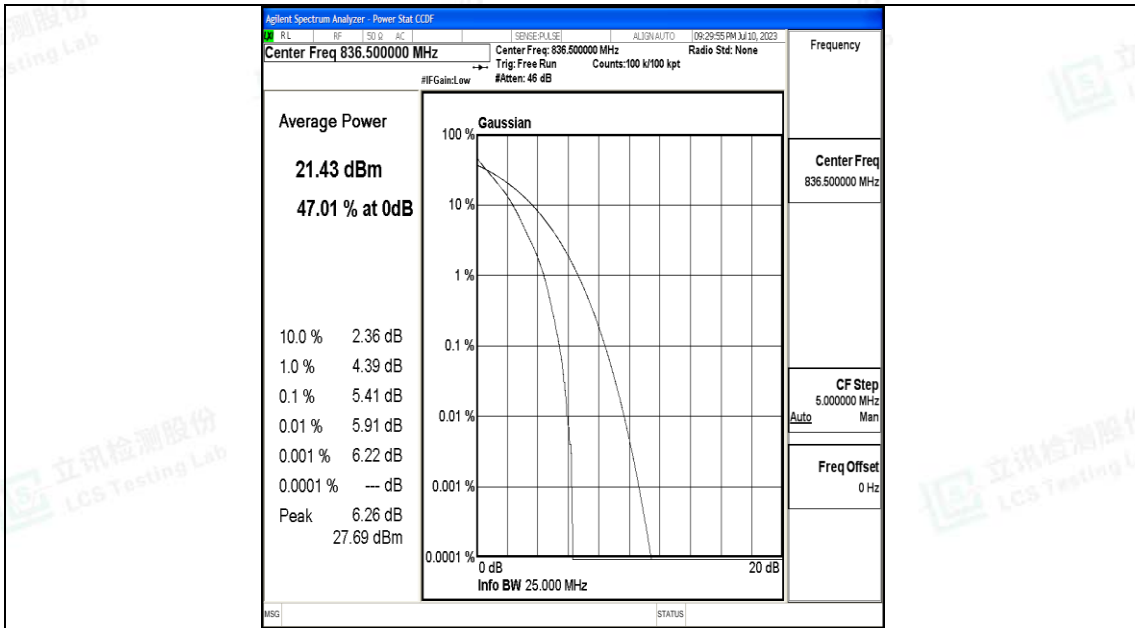


5MHz-20425

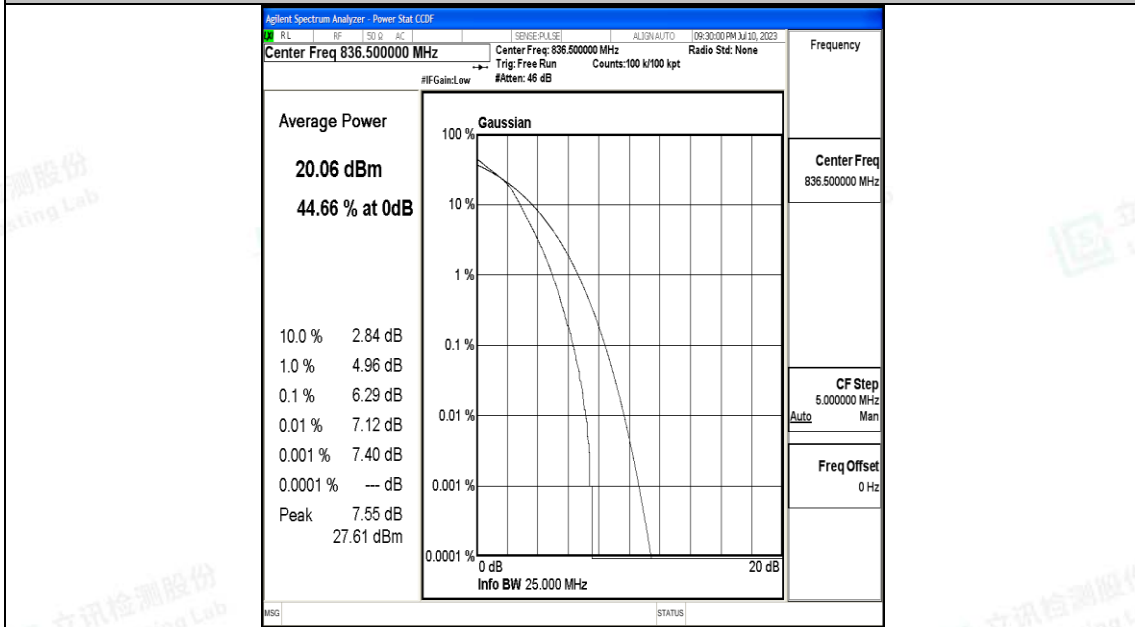


5MHz-20425



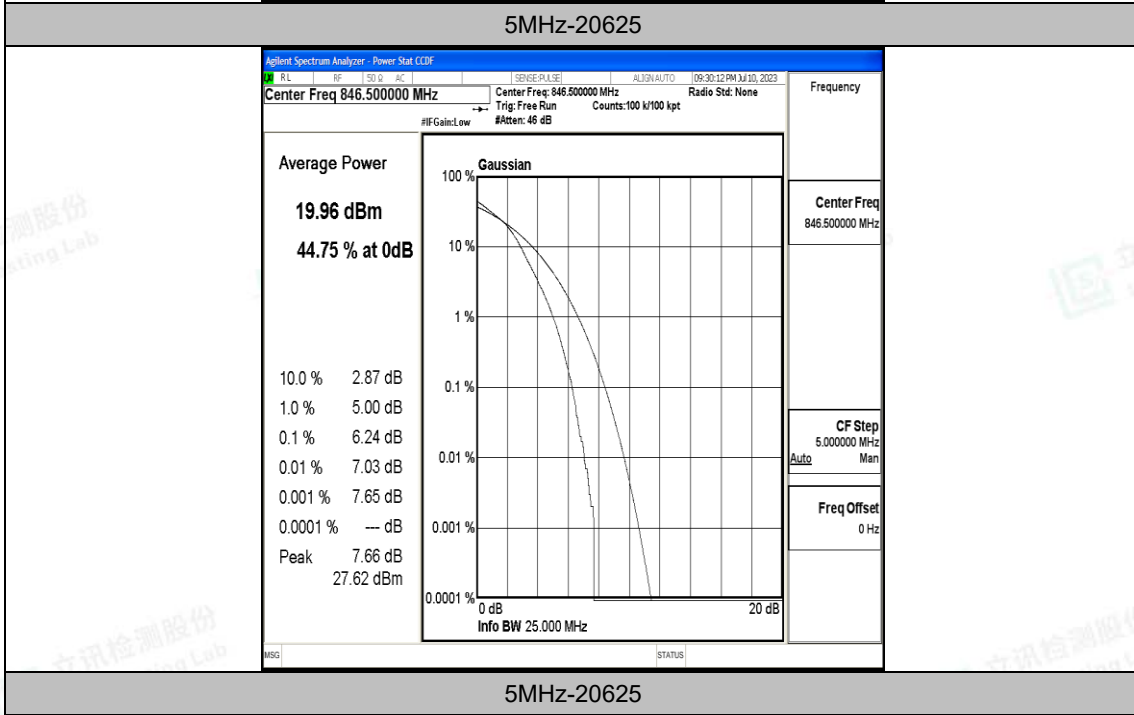
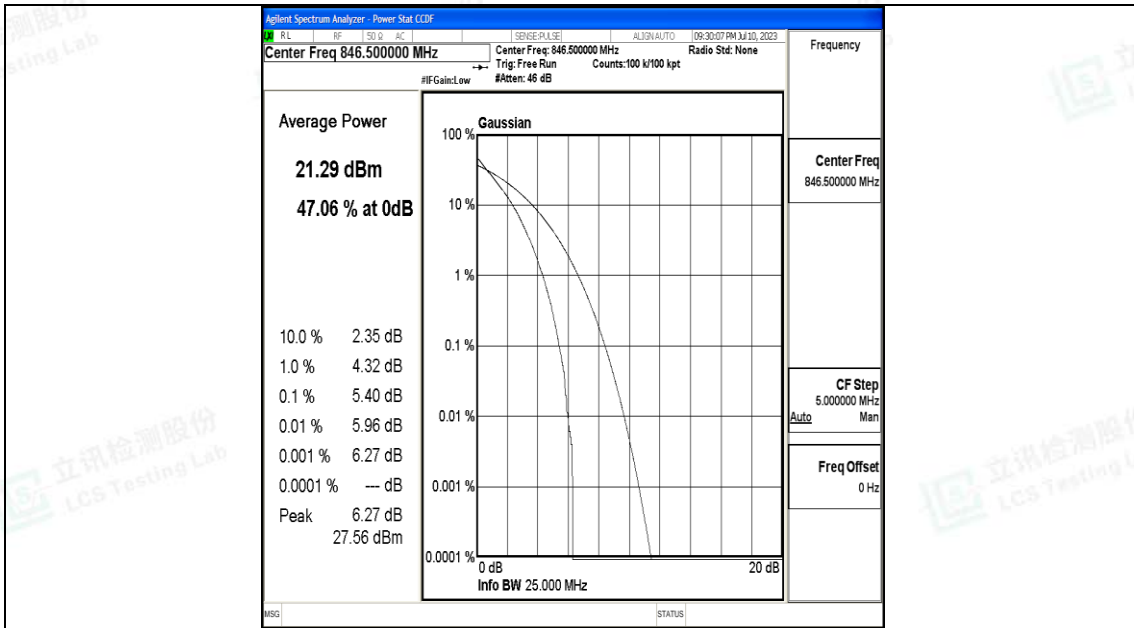


5MHz-20525

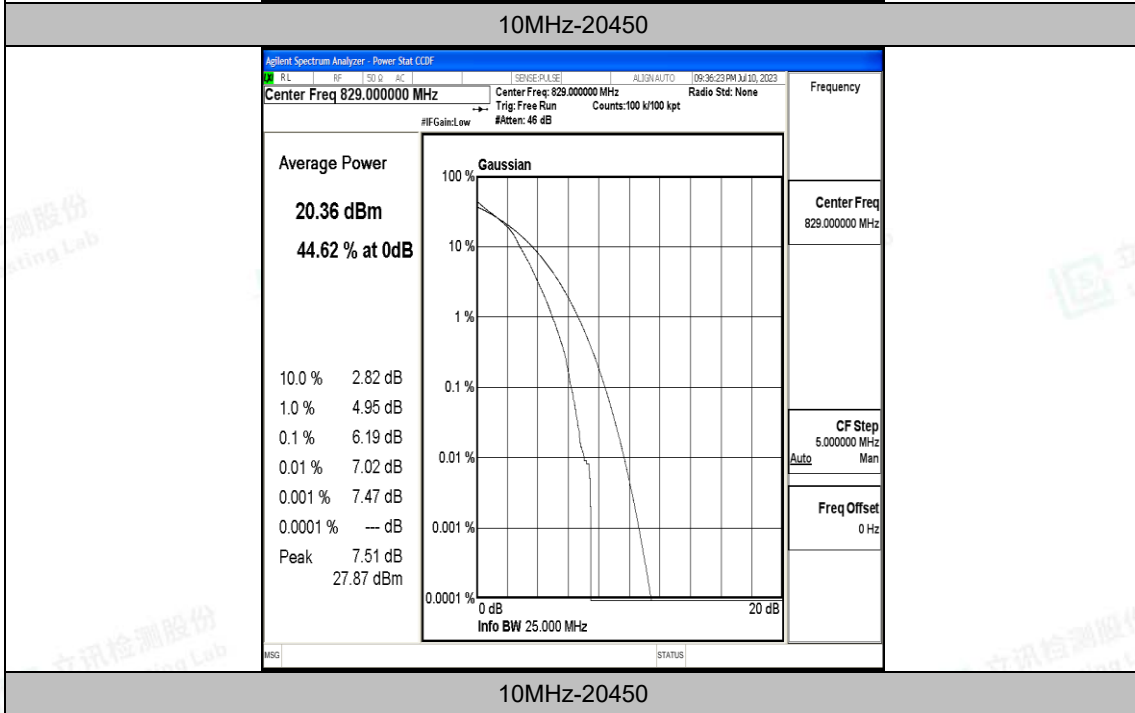
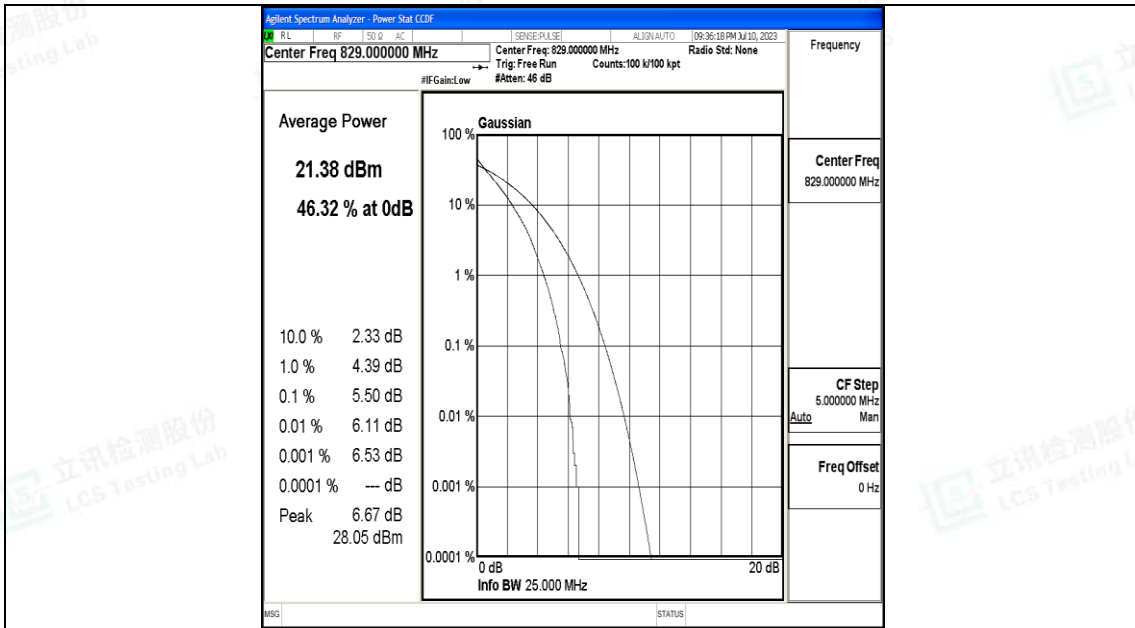


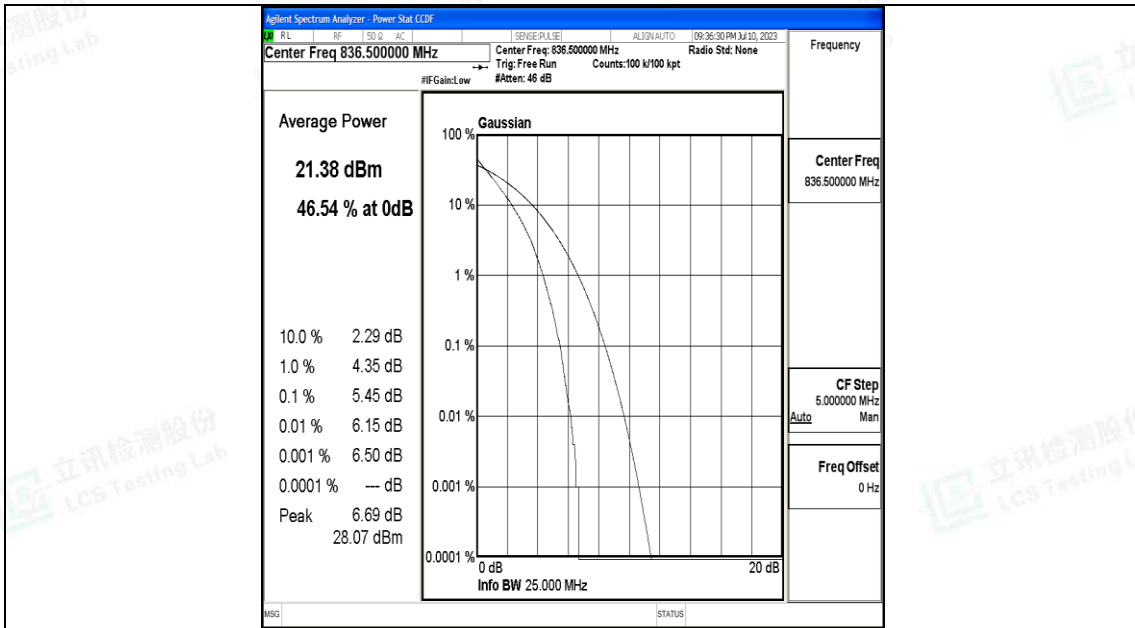
5MHz-20525



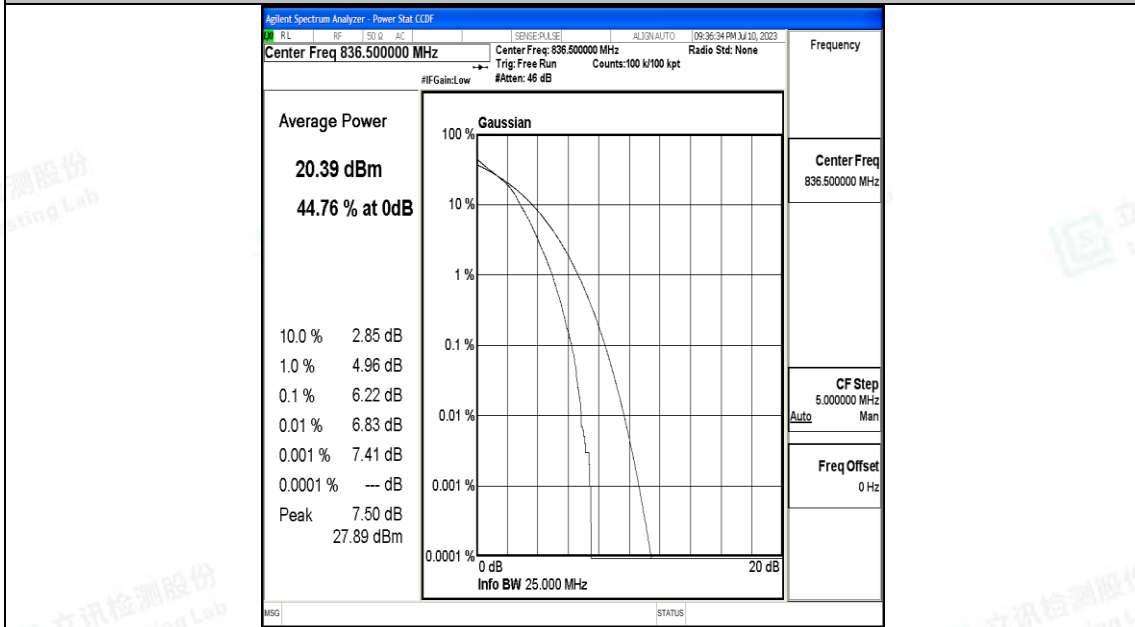






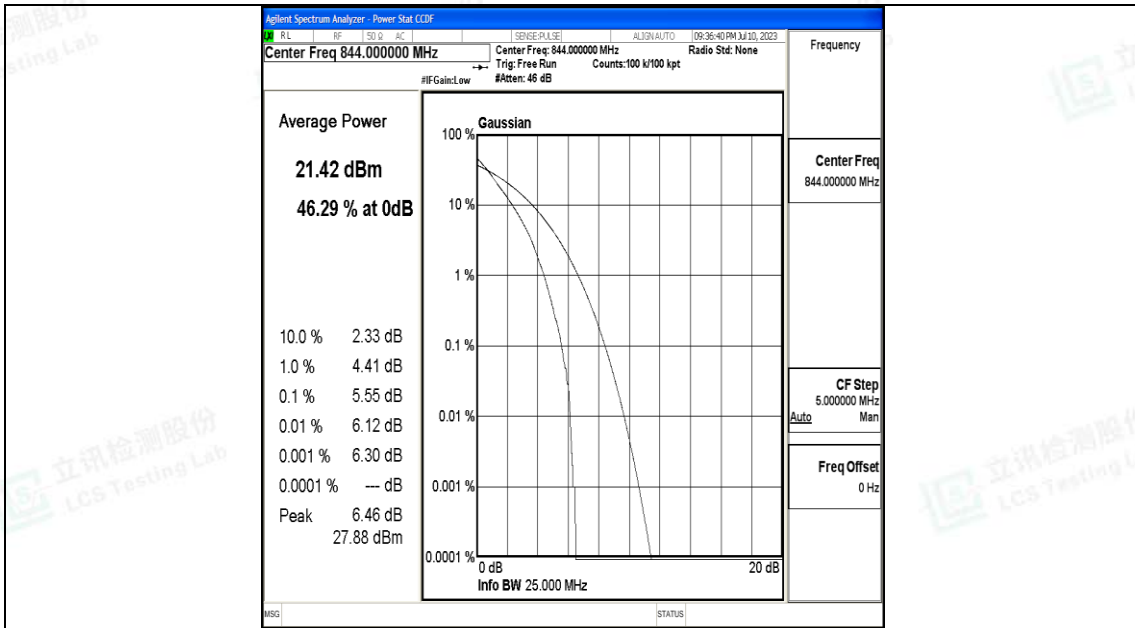


10MHz-20525

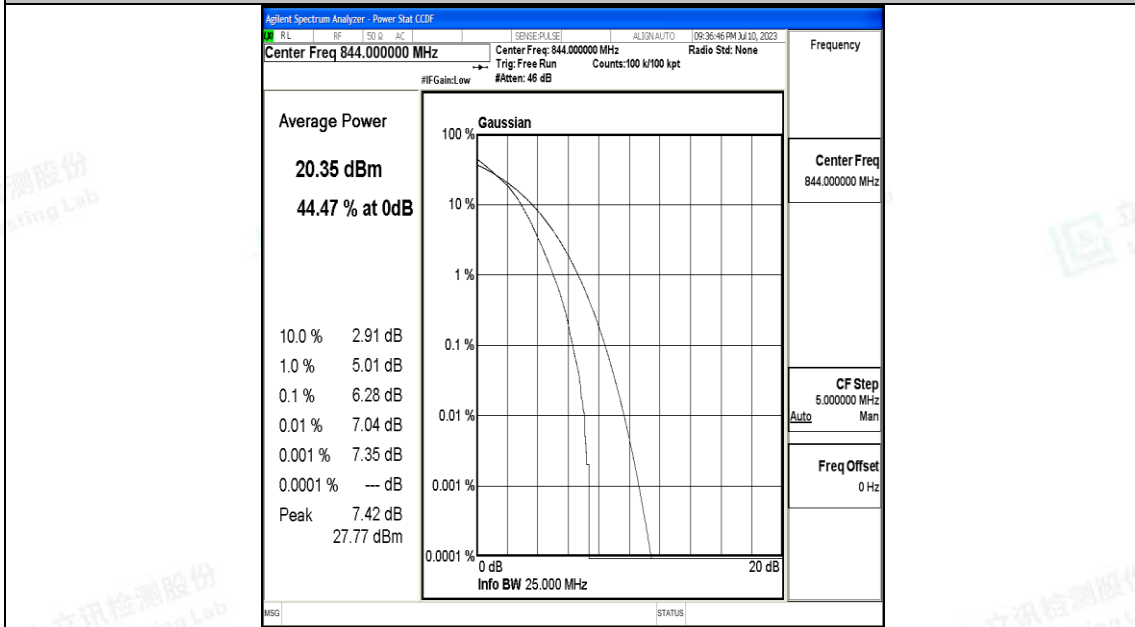


10MHz-20525





10MHz-20600



10MHz-20600





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

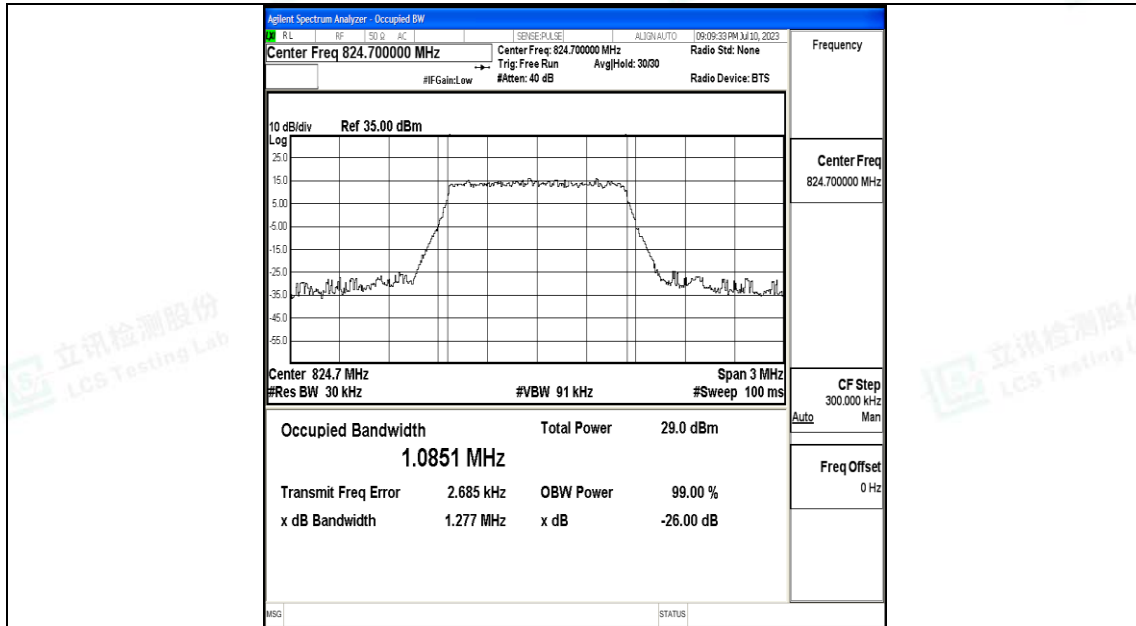
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0851	1.277	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0914	1.274	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0903	1.277	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0921	1.273	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0912	1.269	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0875	1.274	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6864	2.888	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6791	2.922	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6879	2.920	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6867	3.109	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6840	2.901	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6815	2.892	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4955	4.931	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4814	4.924	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4895	4.934	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4905	4.928	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4912	4.939	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4984	4.915	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9904	9.798	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9877	9.731	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9765	9.778	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9723	9.801	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9680	9.700	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9704	9.887	PASS

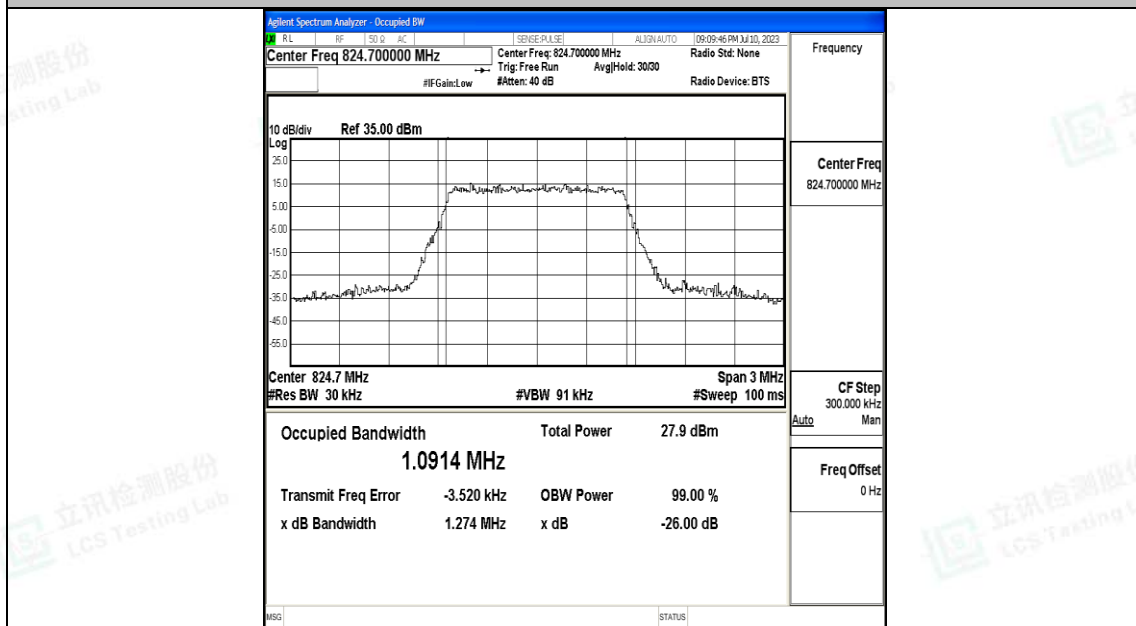




### Test Graphs

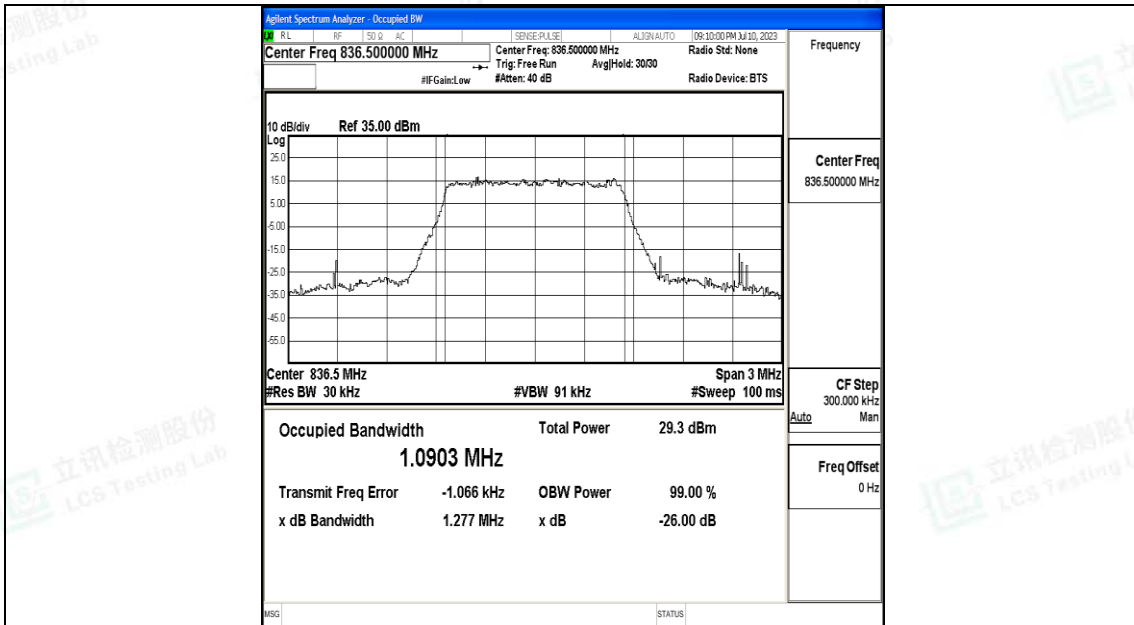


1.4MHz-20407

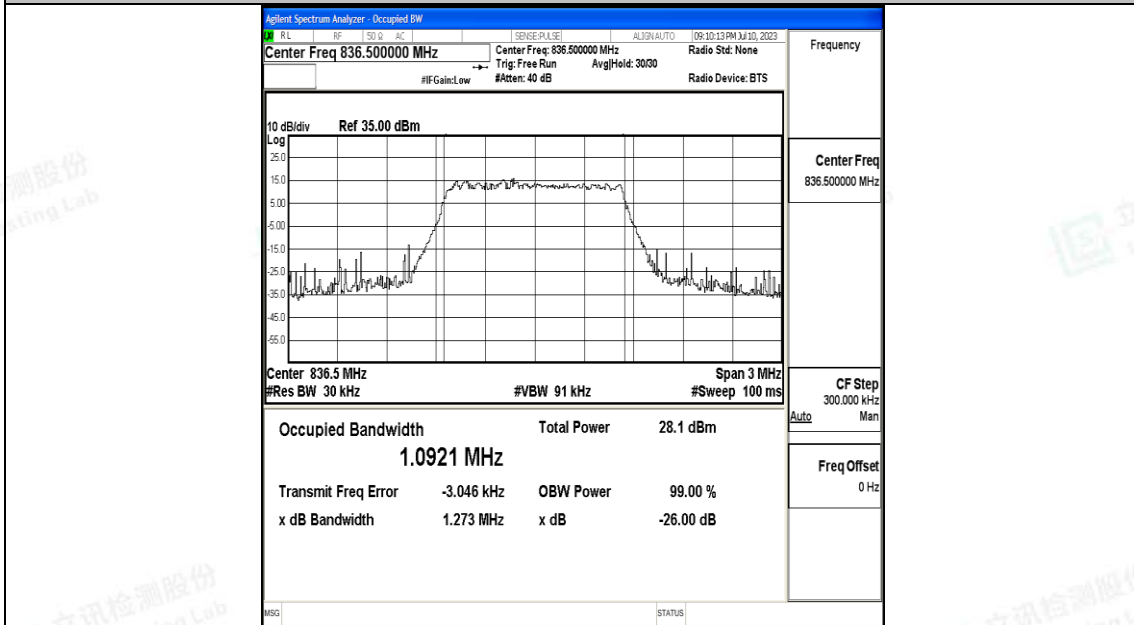


1.4MHz-20407



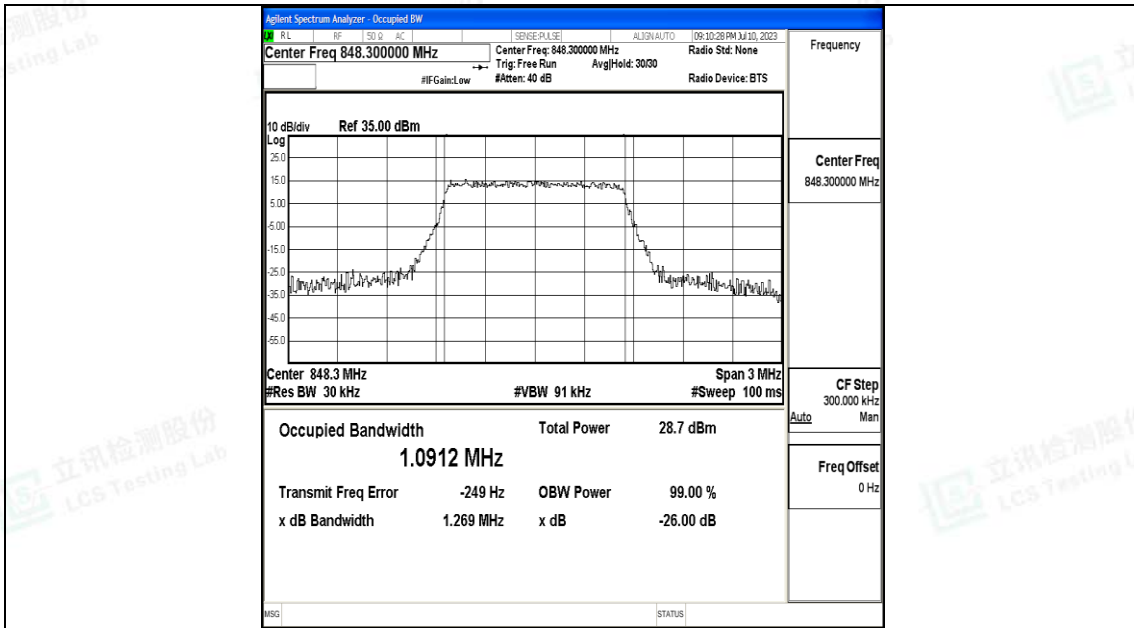


1.4MHz-20525

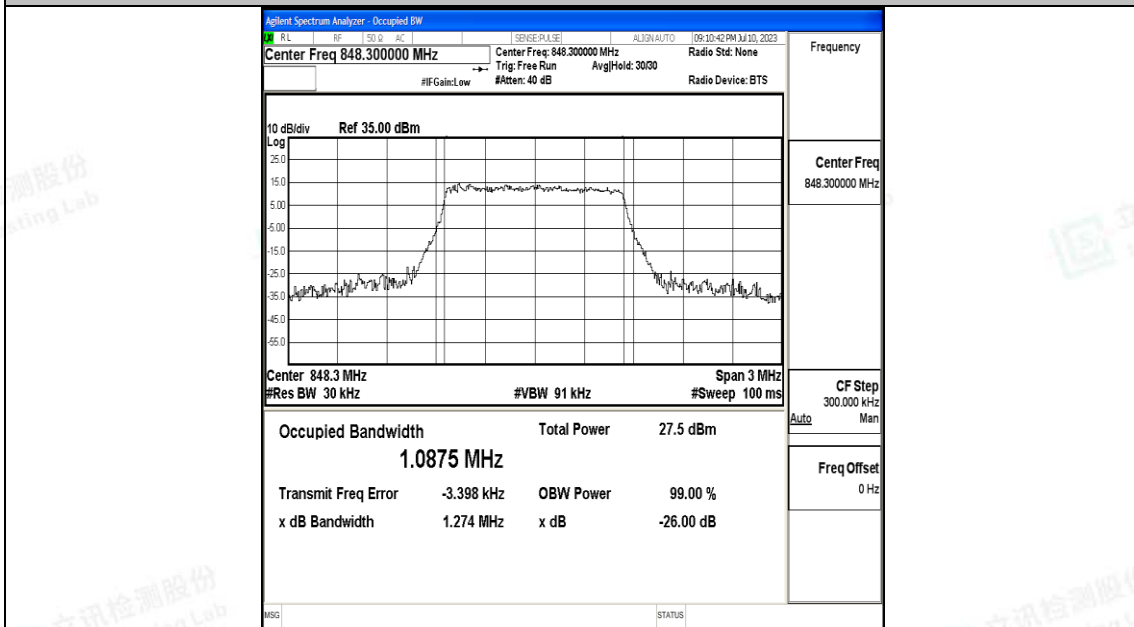


1.4MHz-20525



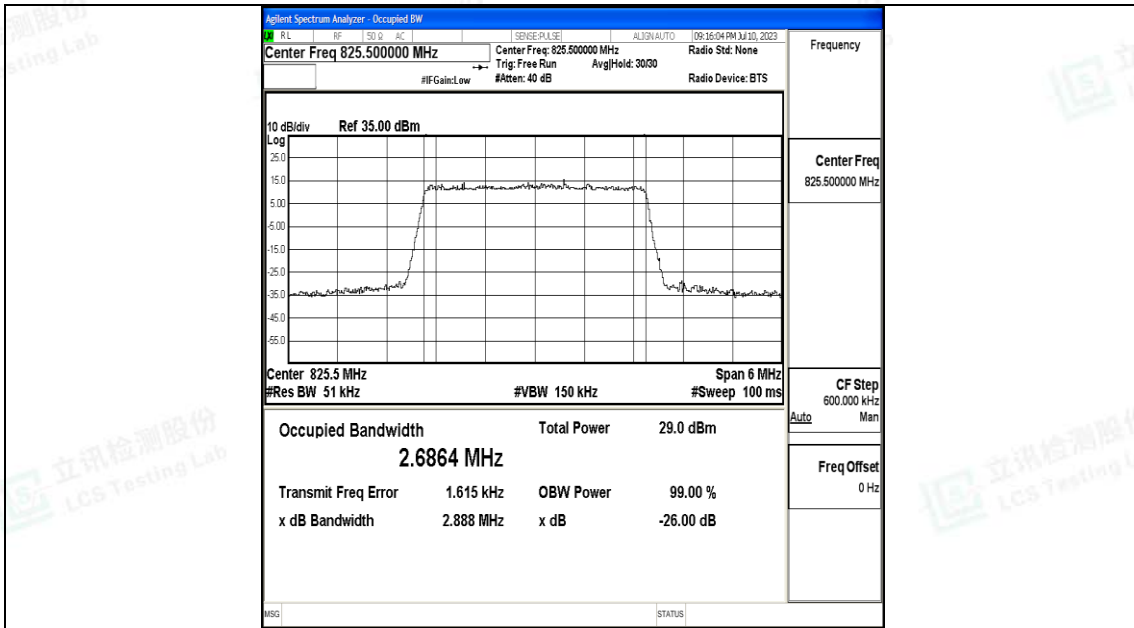


1.4MHz-20643

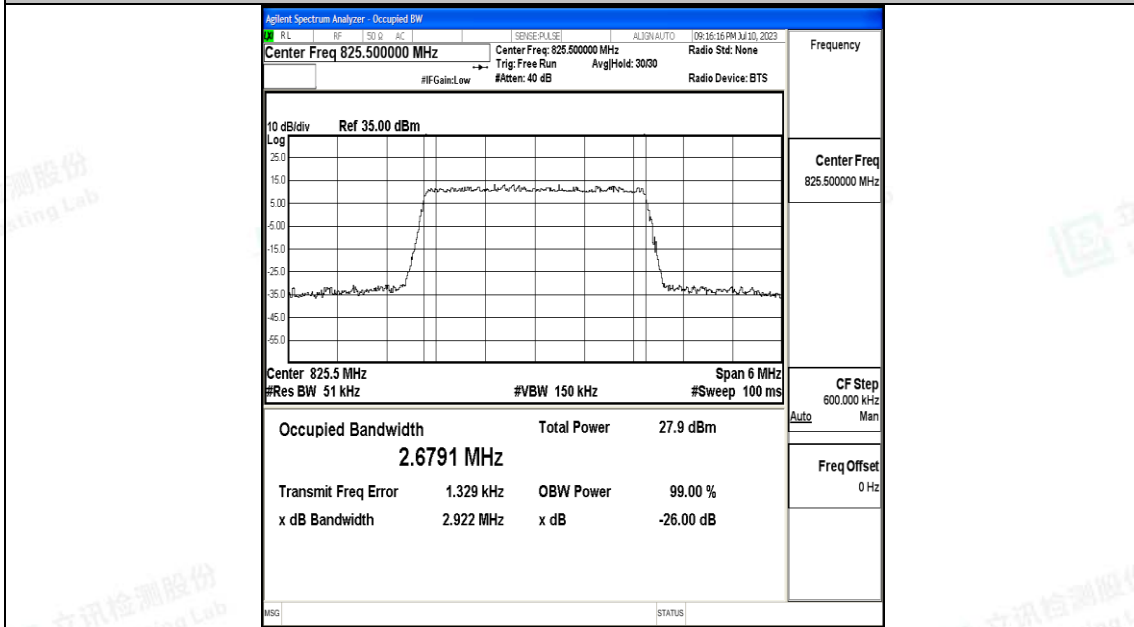


1.4MHz-20643





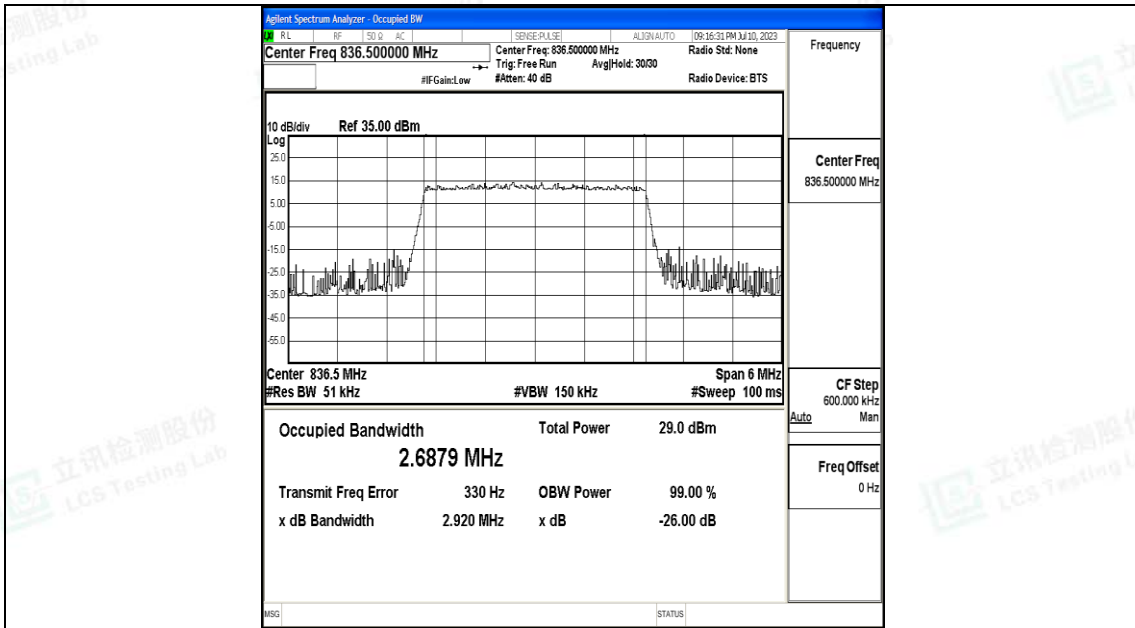
3MHz-20415



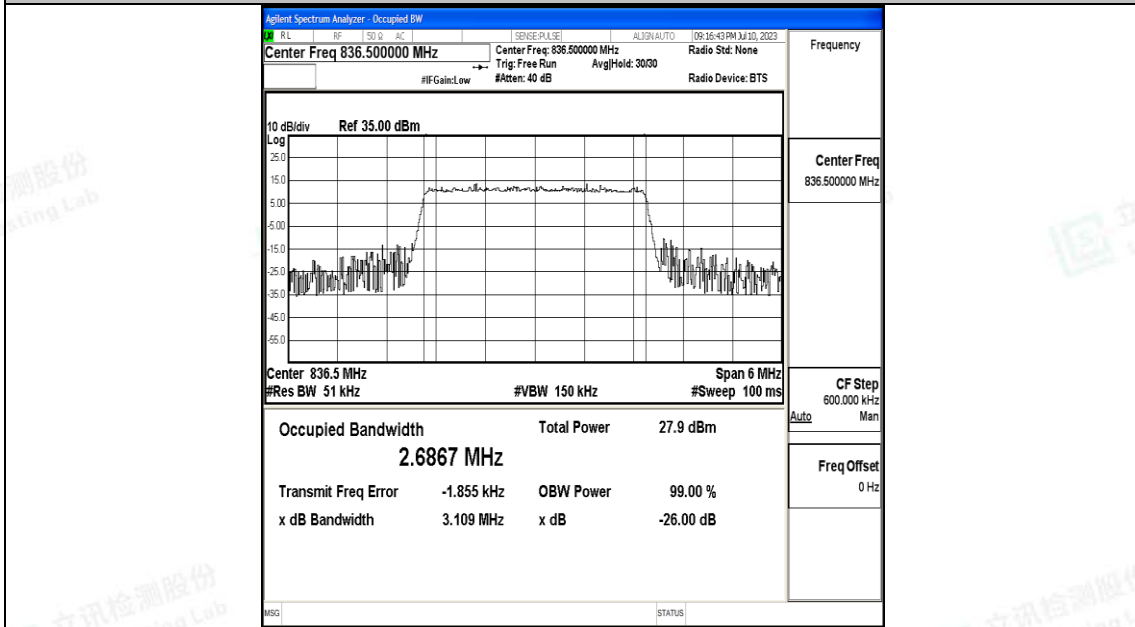
3MHz-20415





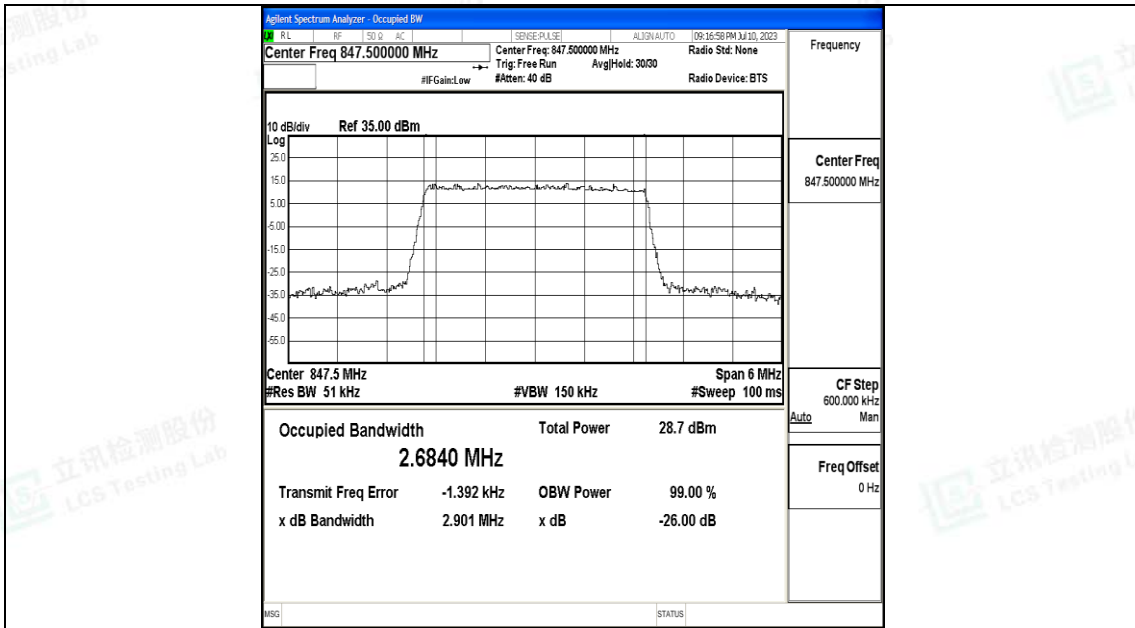


3MHz-20525

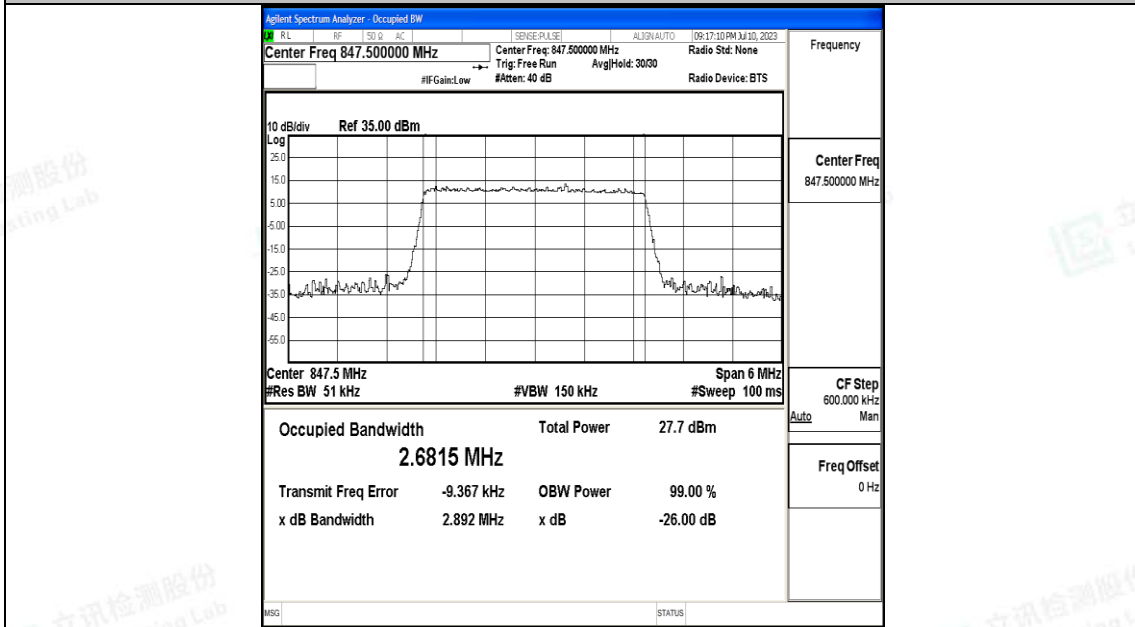


3MHz-20525



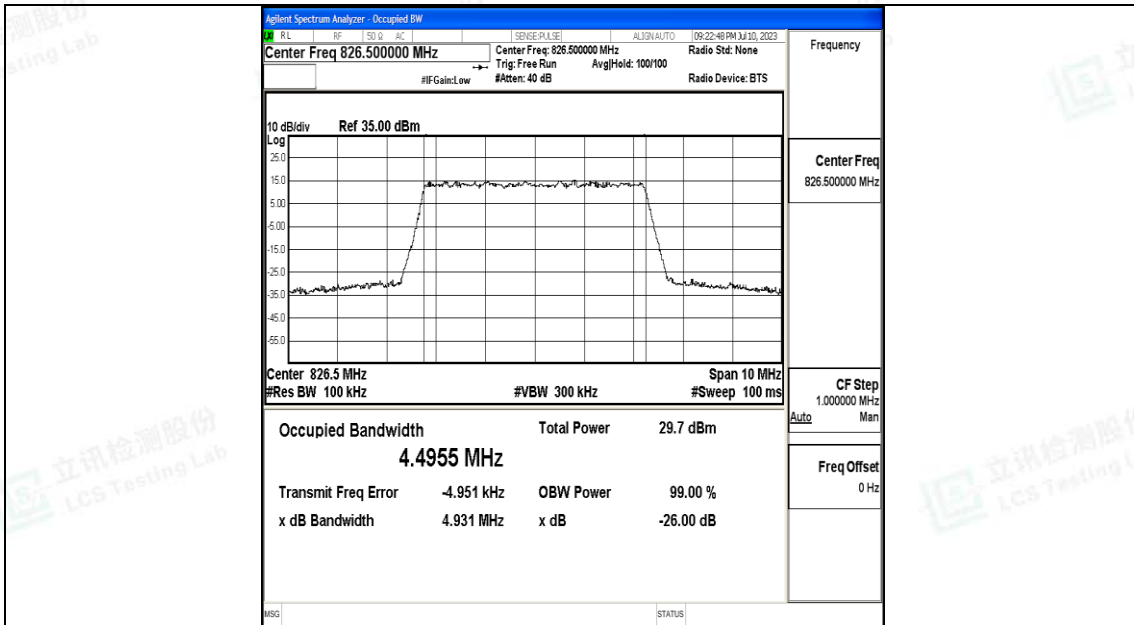


3MHz-20635

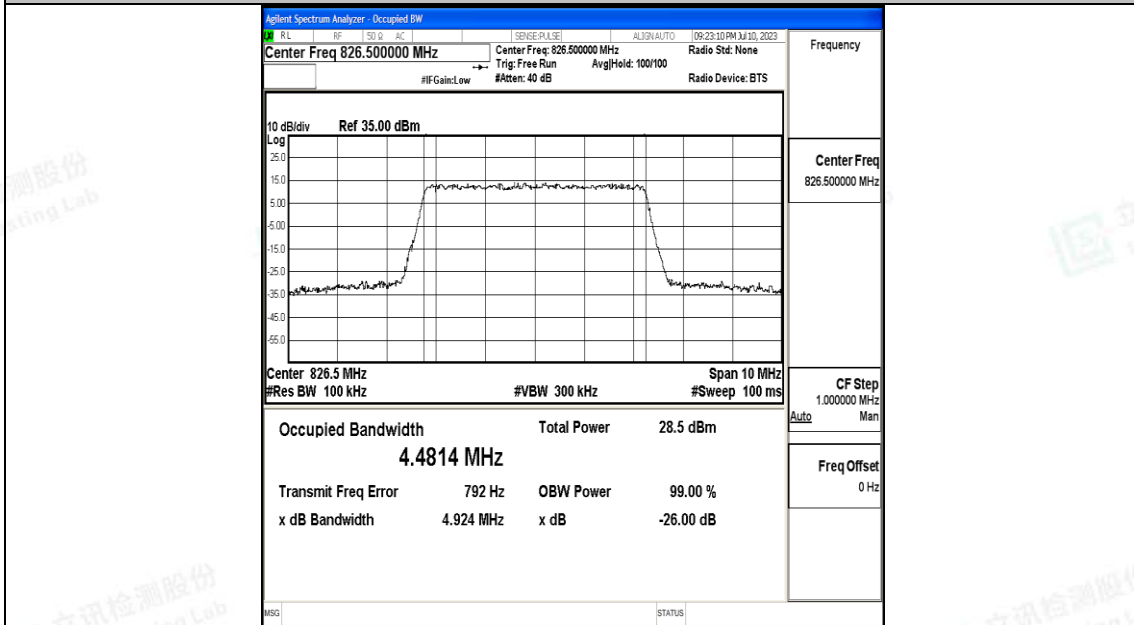


3MHz-20635



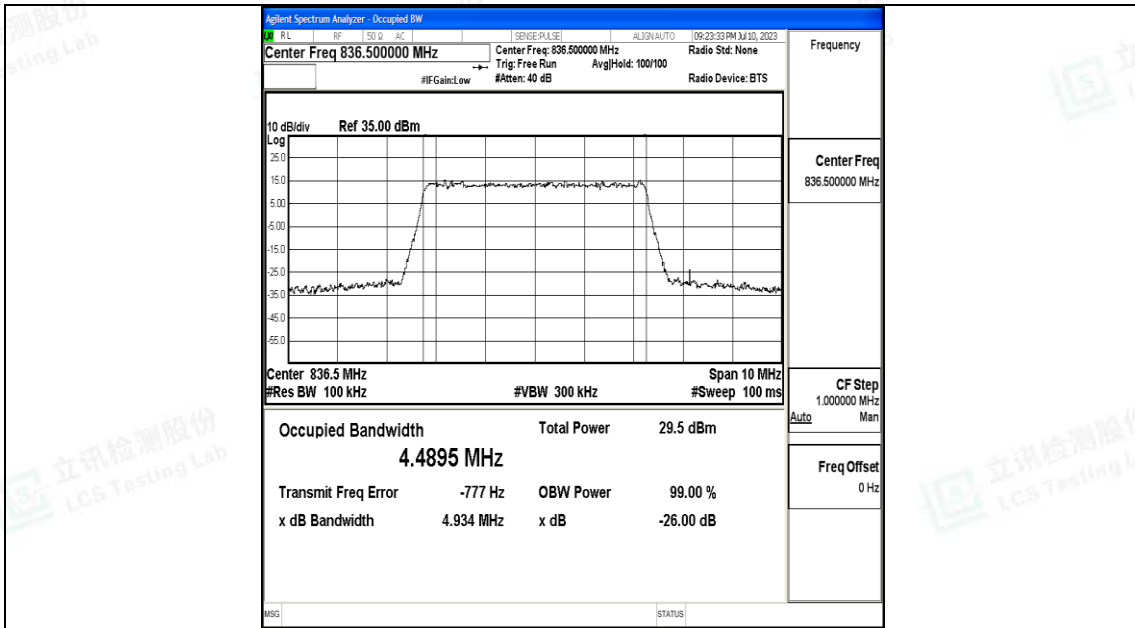


5MHz-20425

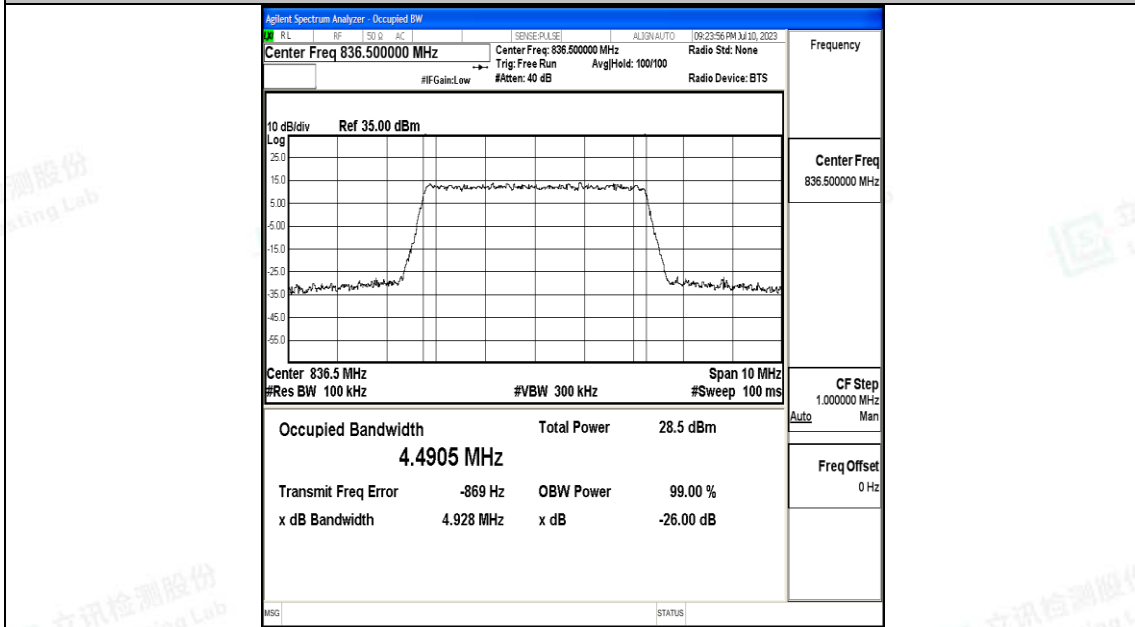


5MHz-20425



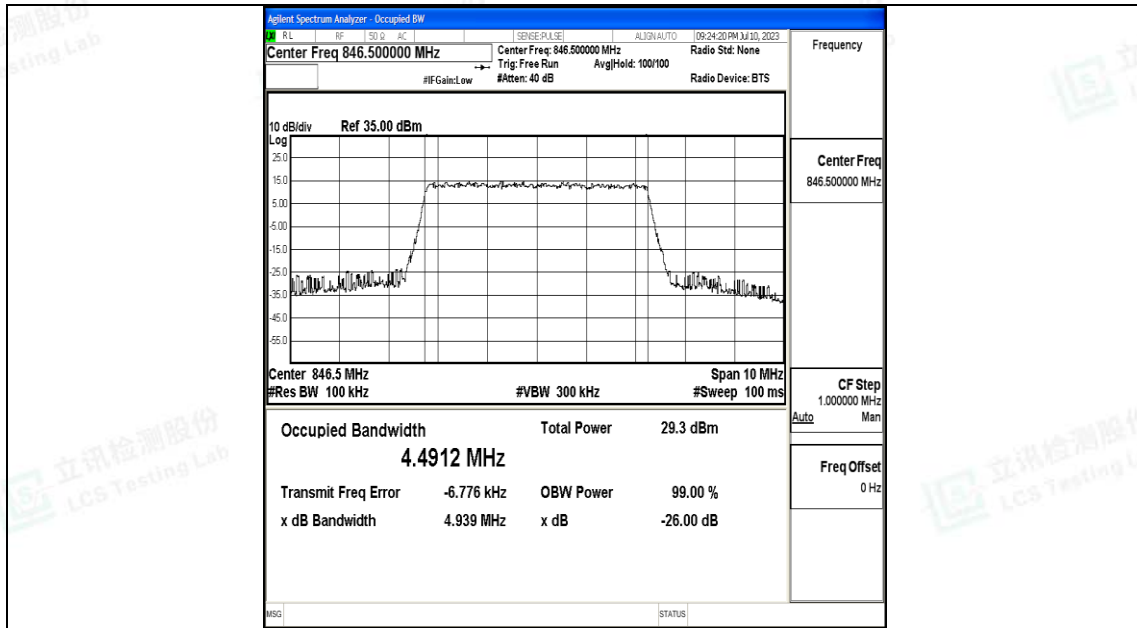


5MHz-20525

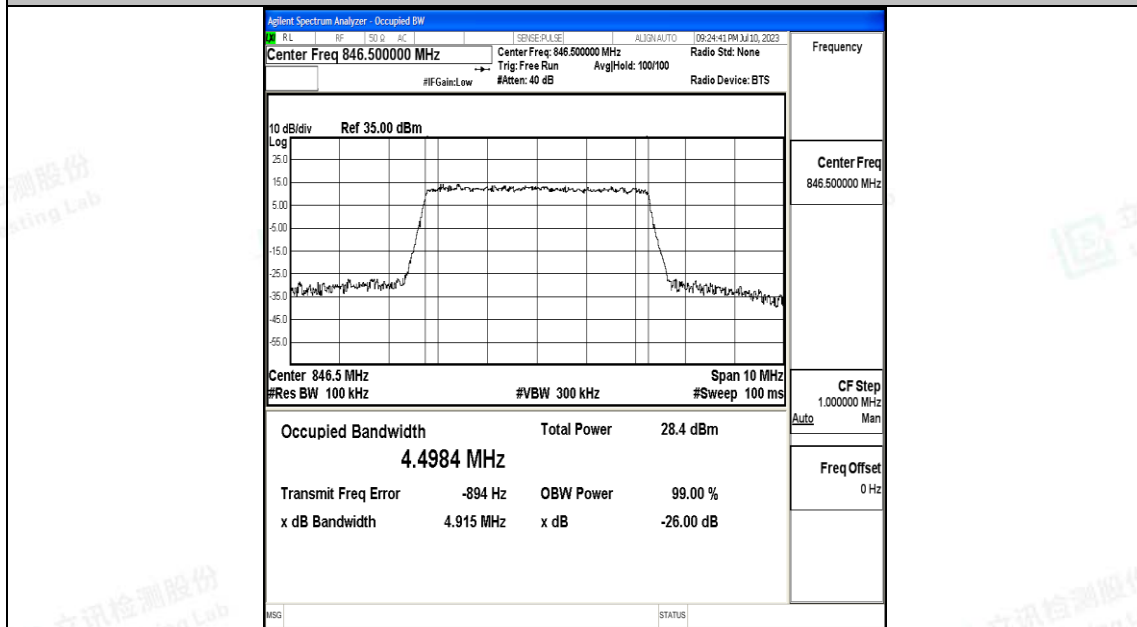


5MHz-20525



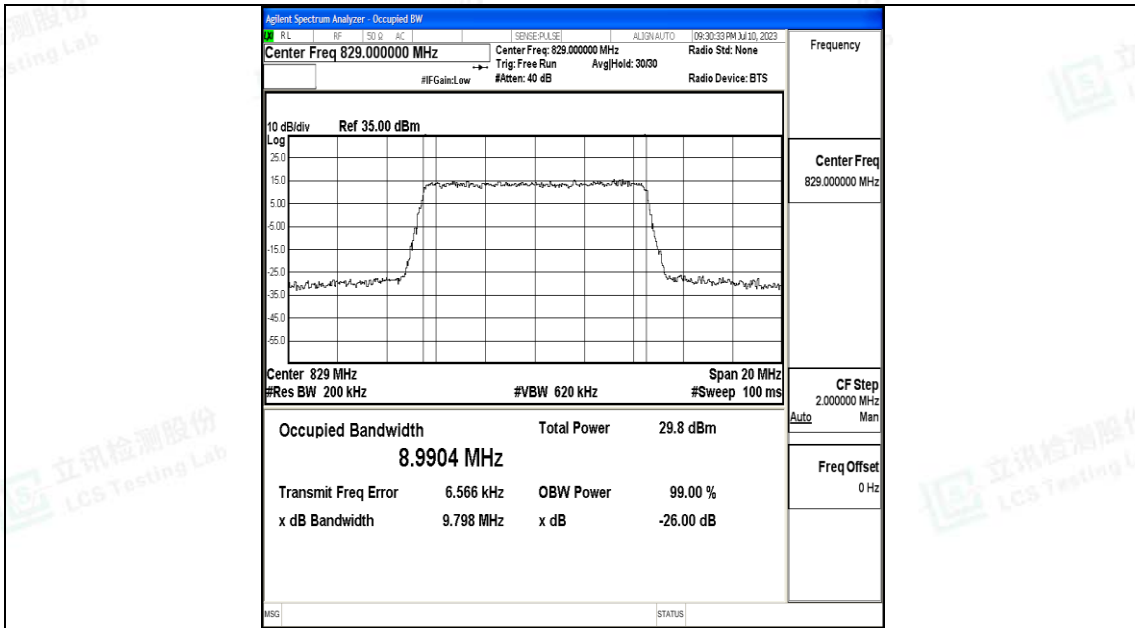


5MHz-20625

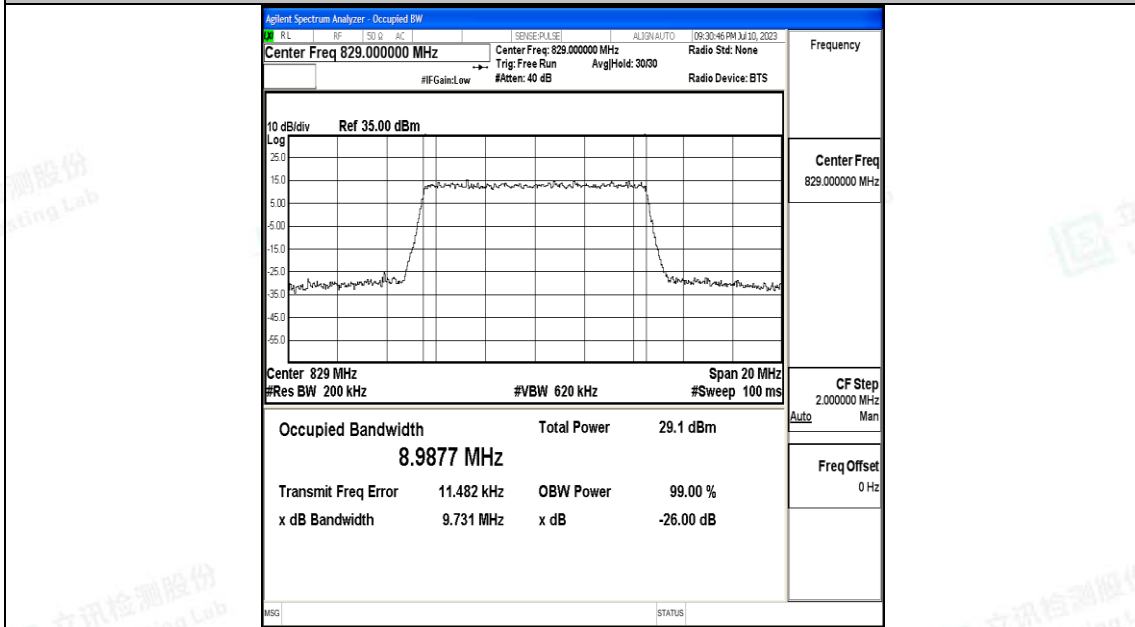


5MHz-20625



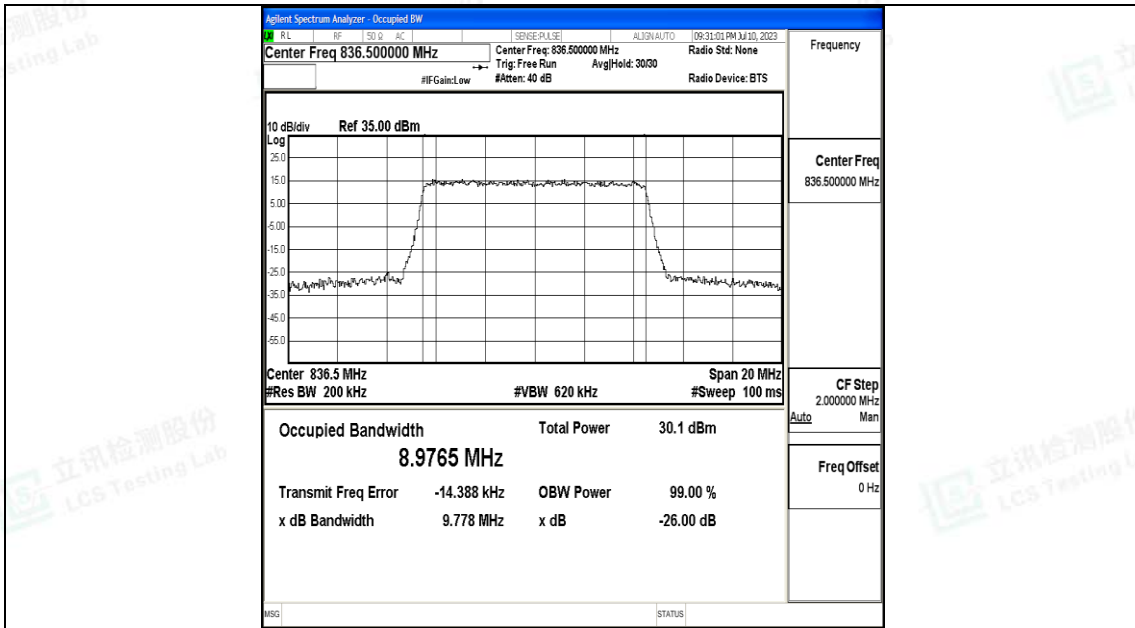


10MHz-20450

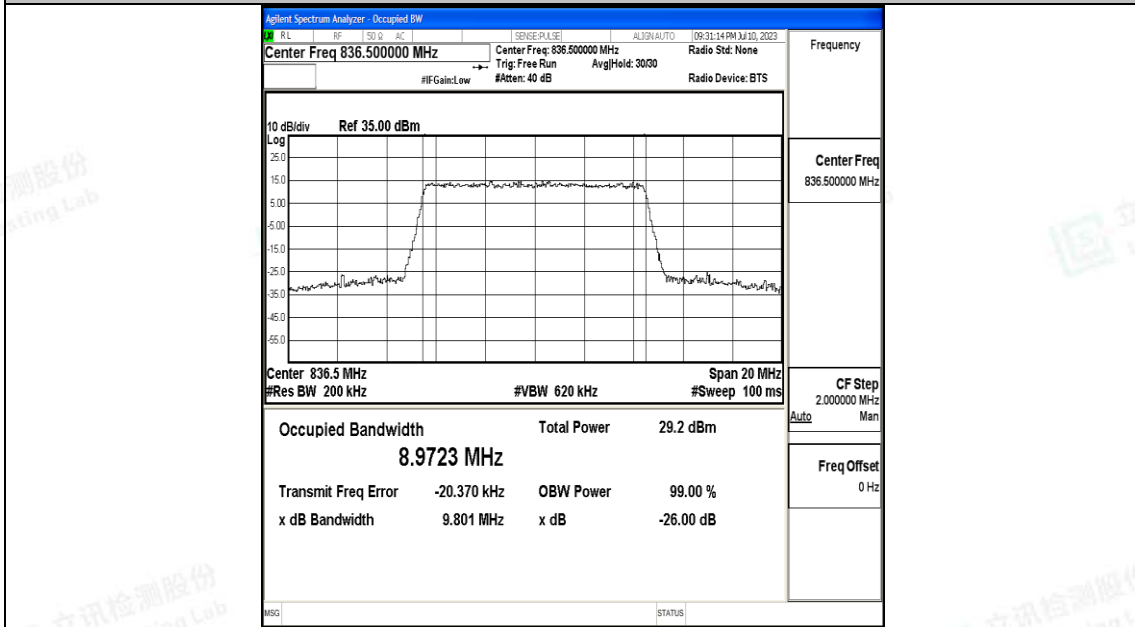


10MHz-20450



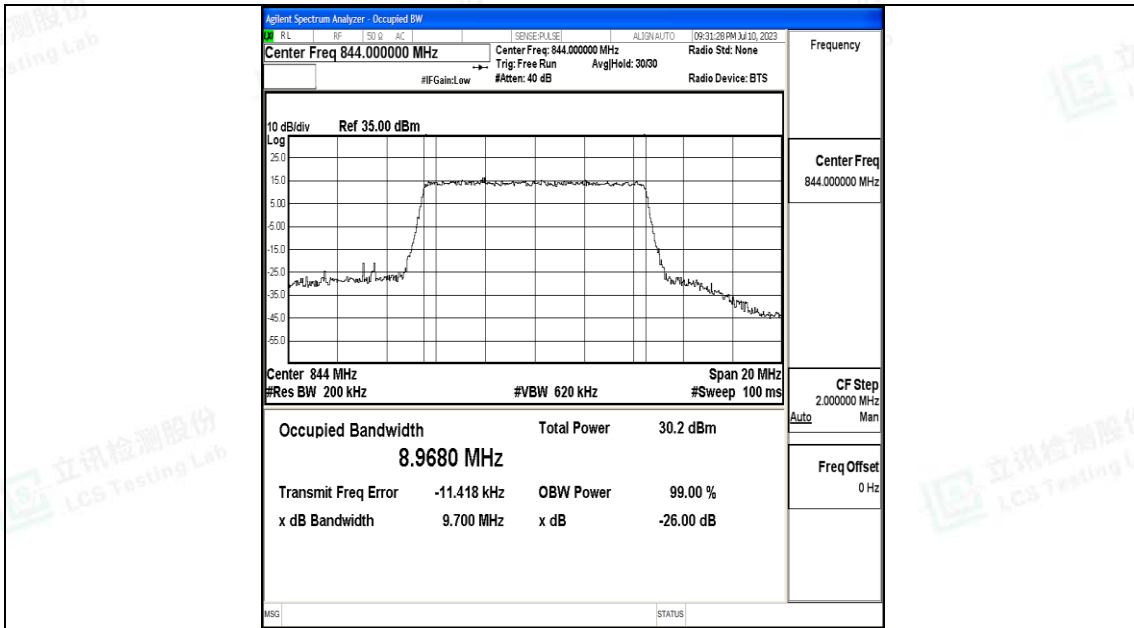


10MHz-20525

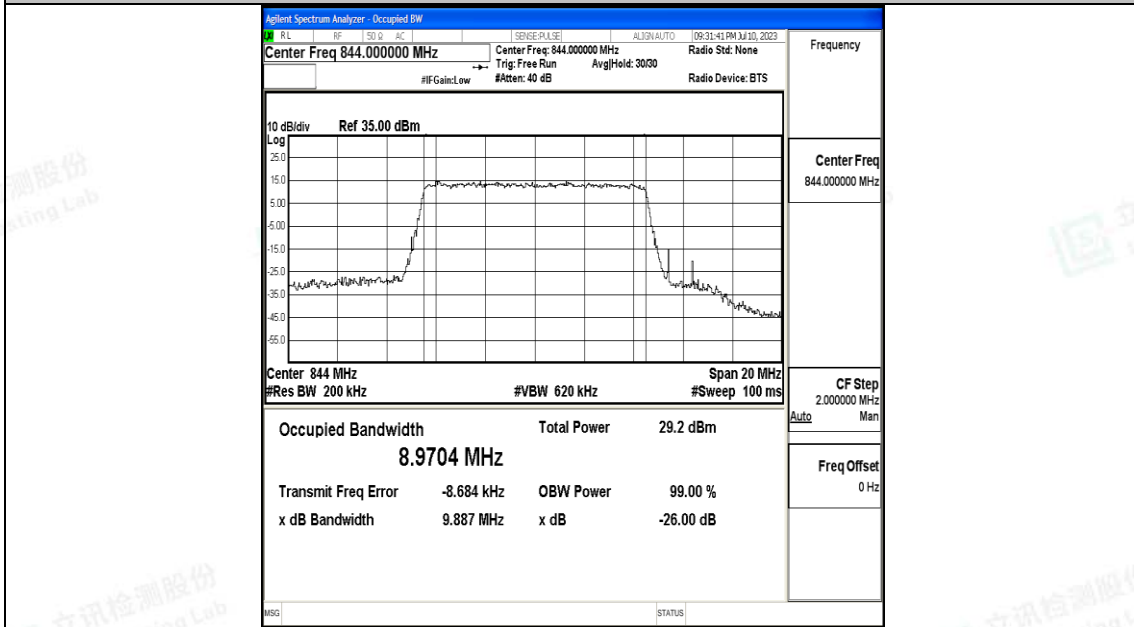


10MHz-20525





10MHz-20600



10MHz-20600





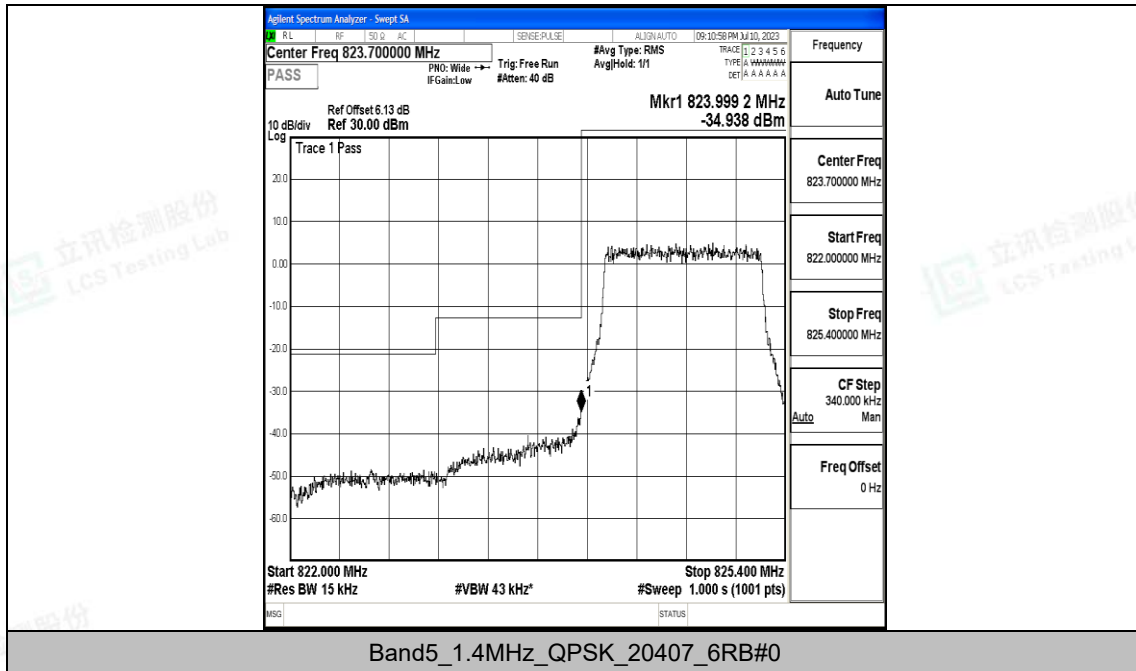


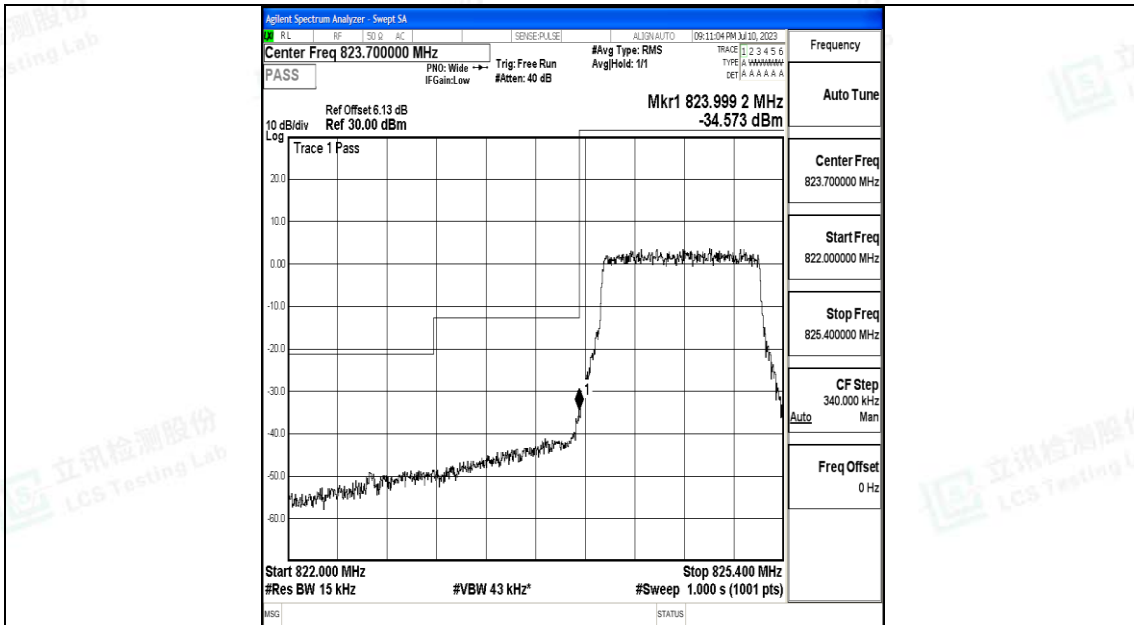
### H.4 Band Edge

### Test Result

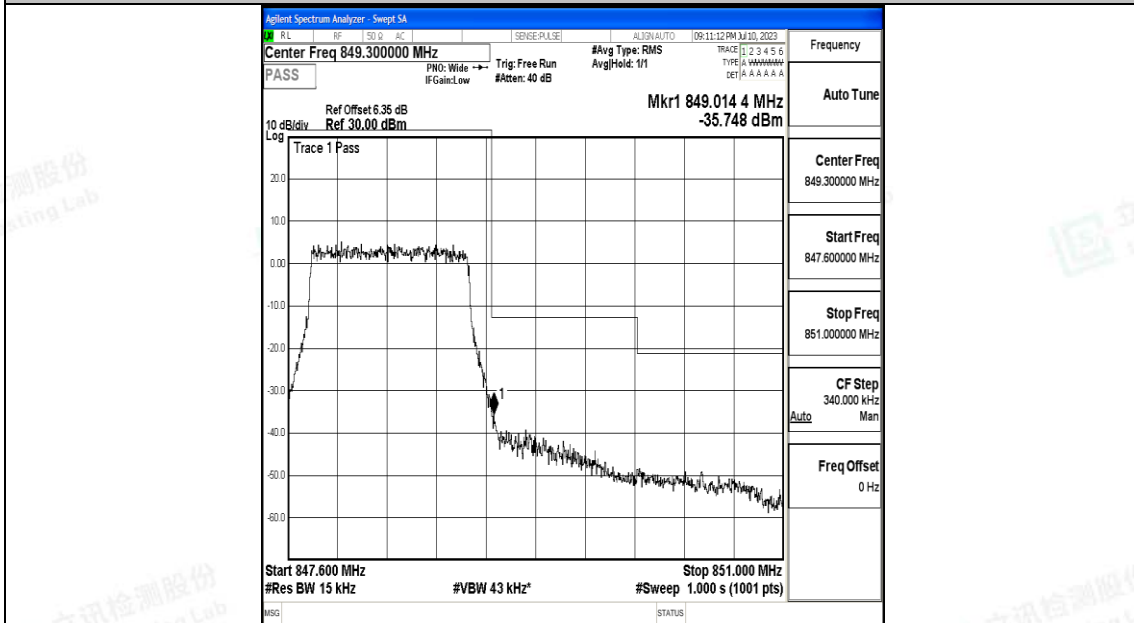
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	824.00	-34.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	824.00	-34.57	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.01	-35.75	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.00	-36.29	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.99	-35.64	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-38.13	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.01	-36.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-36.35	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-34.97	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-35.54	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-35.81	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-35.70	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-36.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-37.08	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-38.03	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-39.94	PASS

### Test Graphs



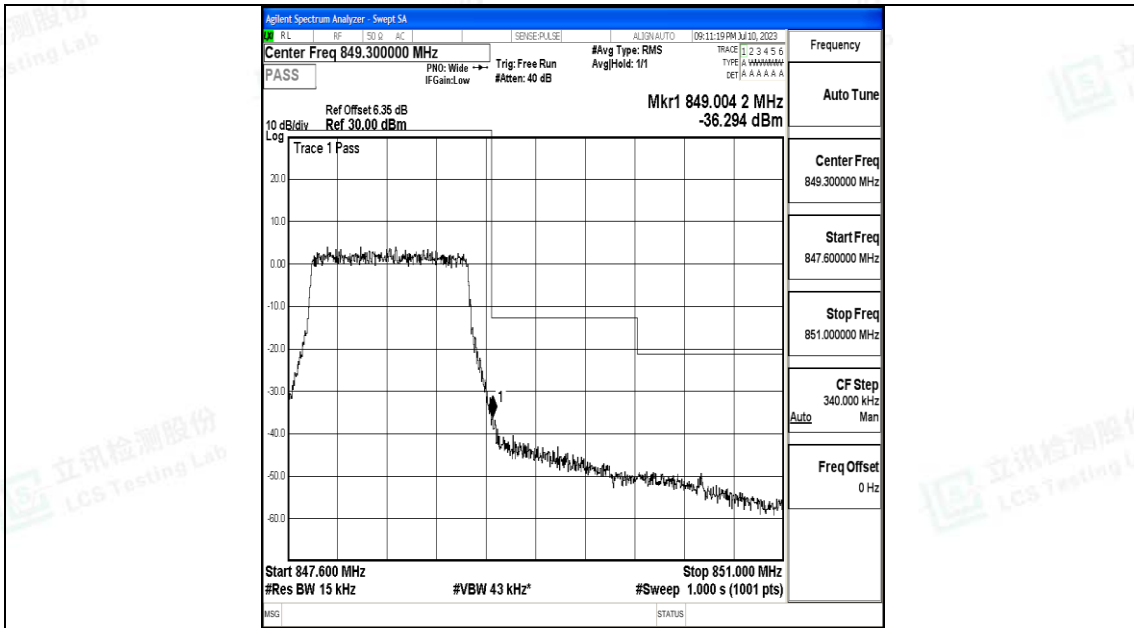


Band5\_1.4MHz\_16QAM\_20407\_6RB#0

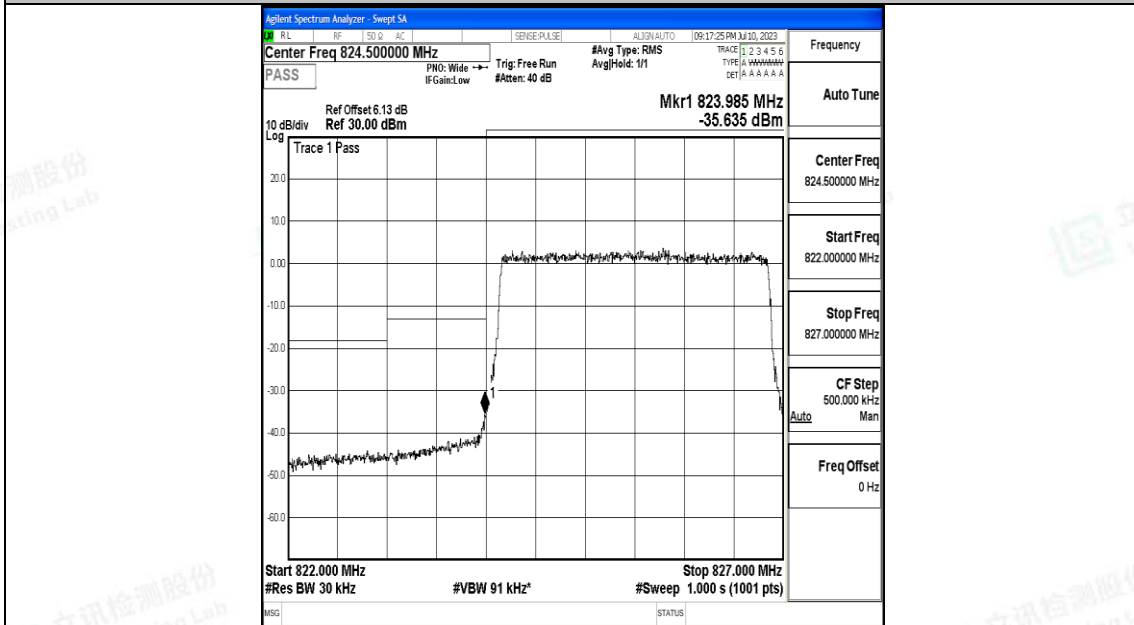


Band5\_1.4MHz\_QPSK\_20643\_6RB#0



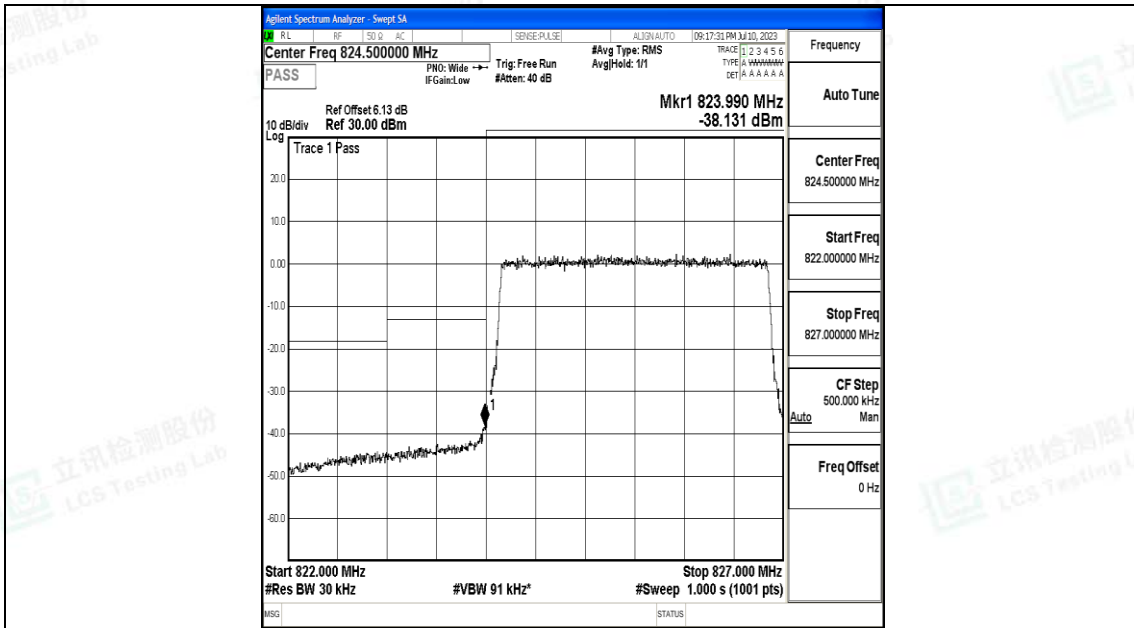


Band5\_1.4MHz\_16QAM\_20643\_6RB#0

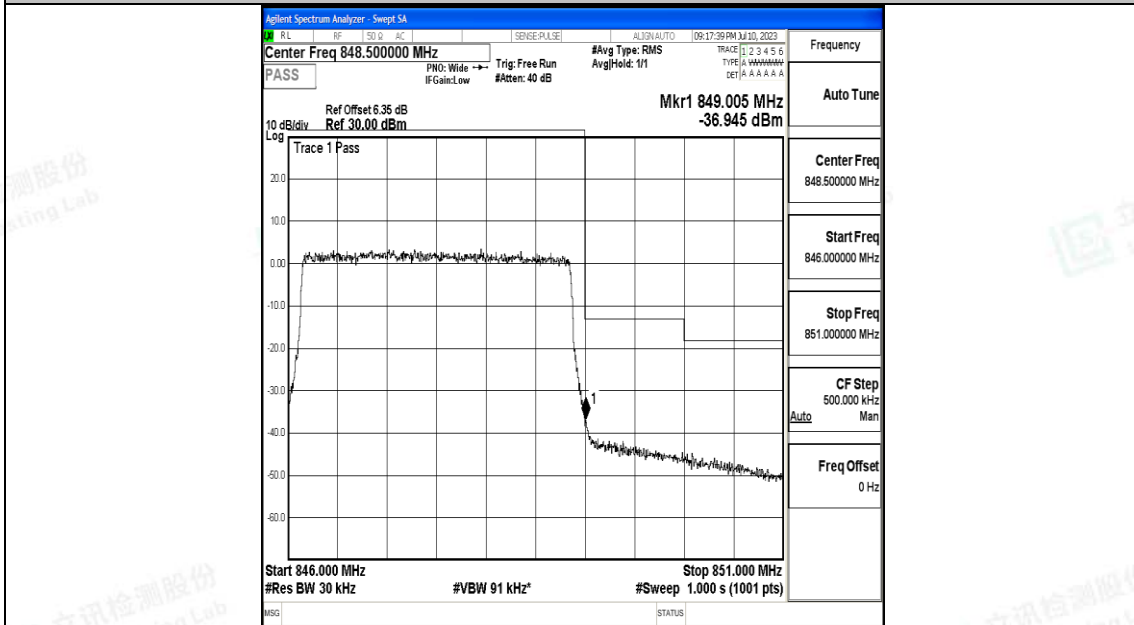


Band5\_3MHz\_QPSK\_20415\_15RB#0



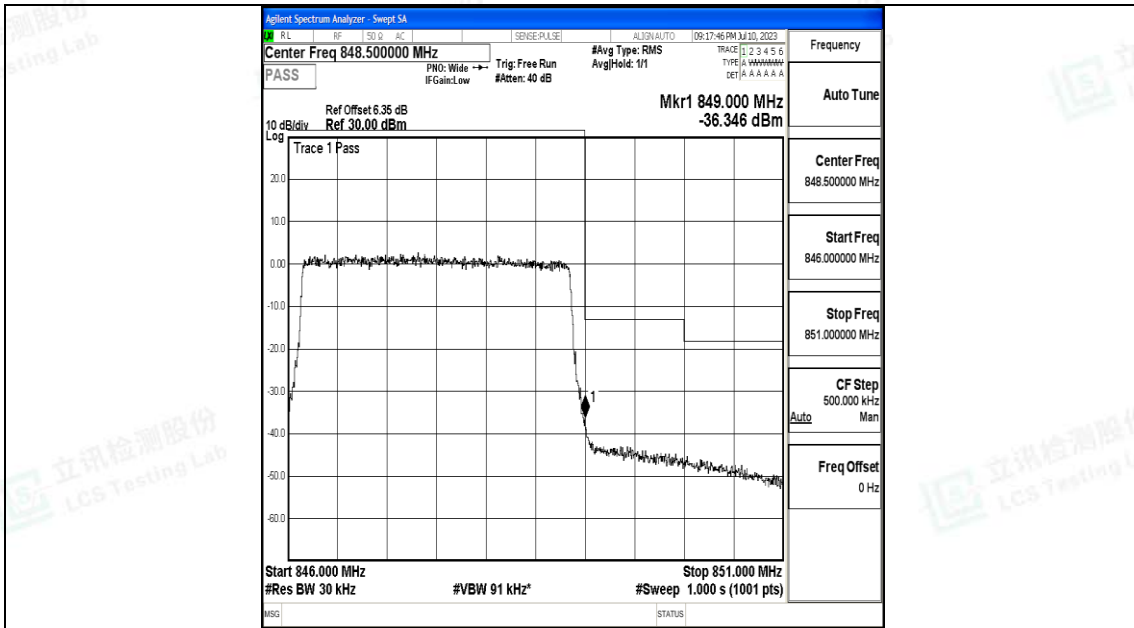


Band5\_3MHz\_16QAM\_20415\_15RB#0

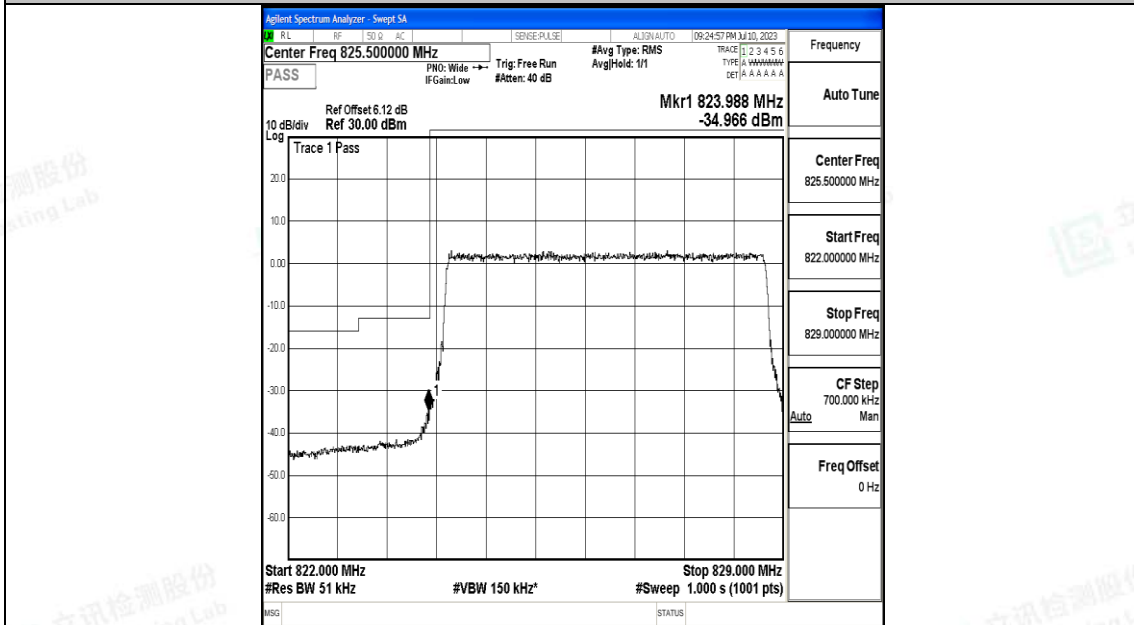


Band5\_3MHz\_QPSK\_20635\_15RB#0



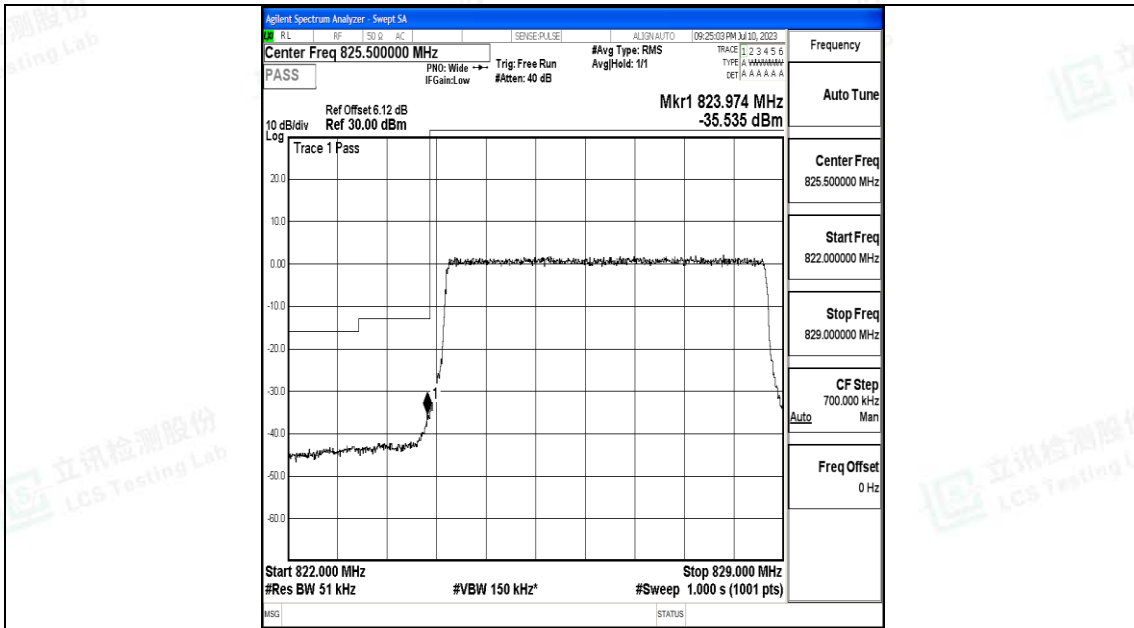


Band5\_3MHz\_16QAM\_20635\_15RB#0

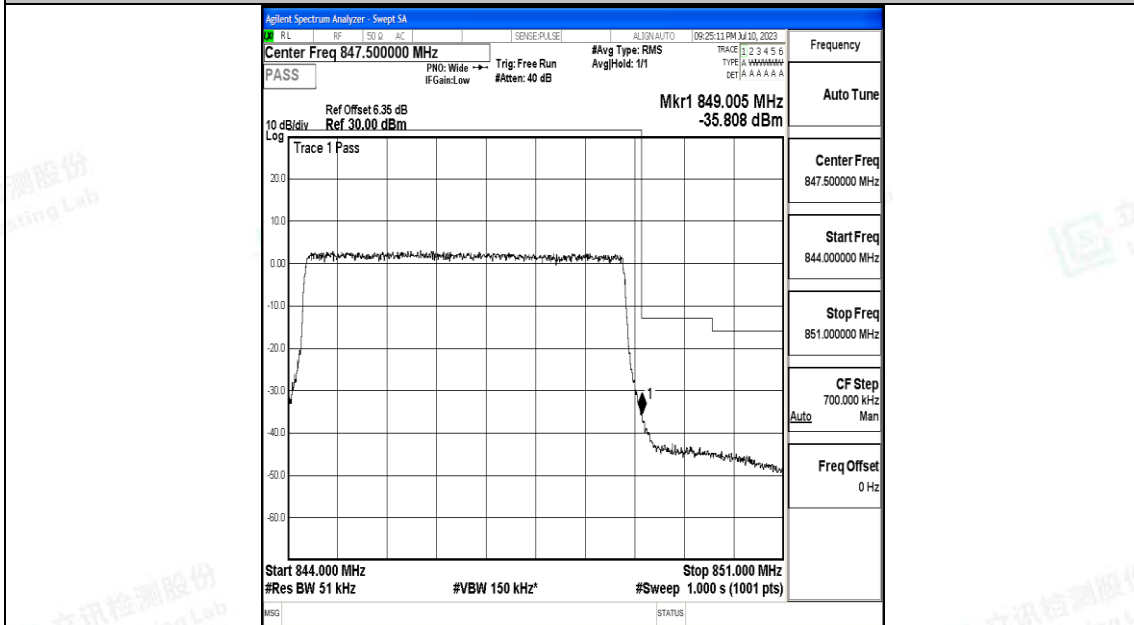


Band5\_5MHz\_QPSK\_20425\_25RB#0



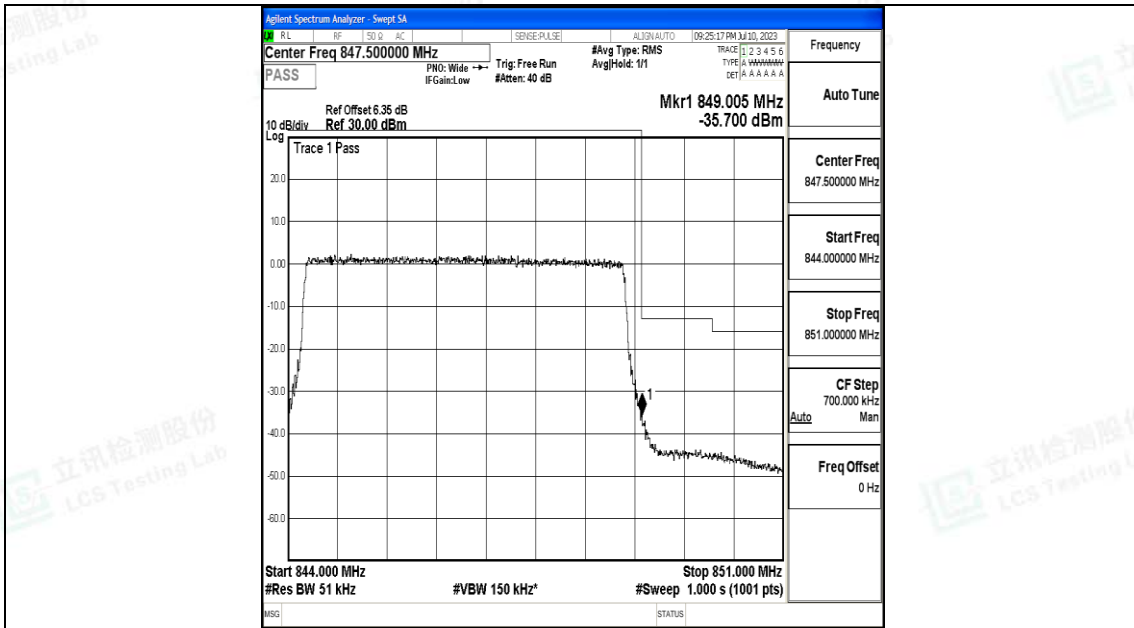


Band5\_5MHz\_16QAM\_20425\_25RB#0

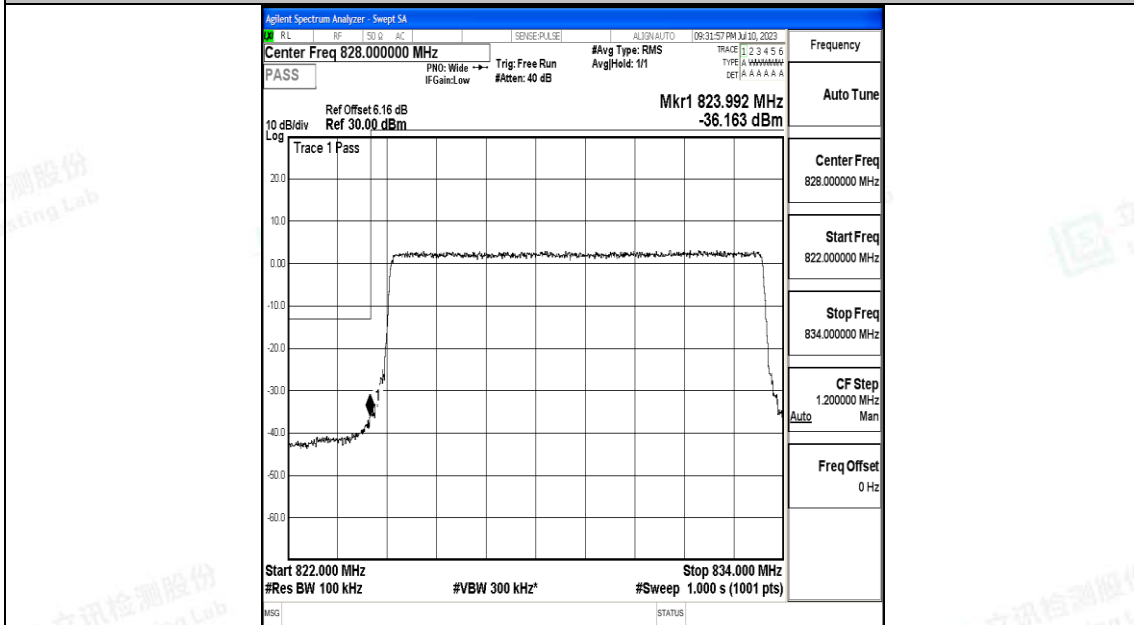


Band5\_5MHz\_QPSK\_20625\_25RB#0



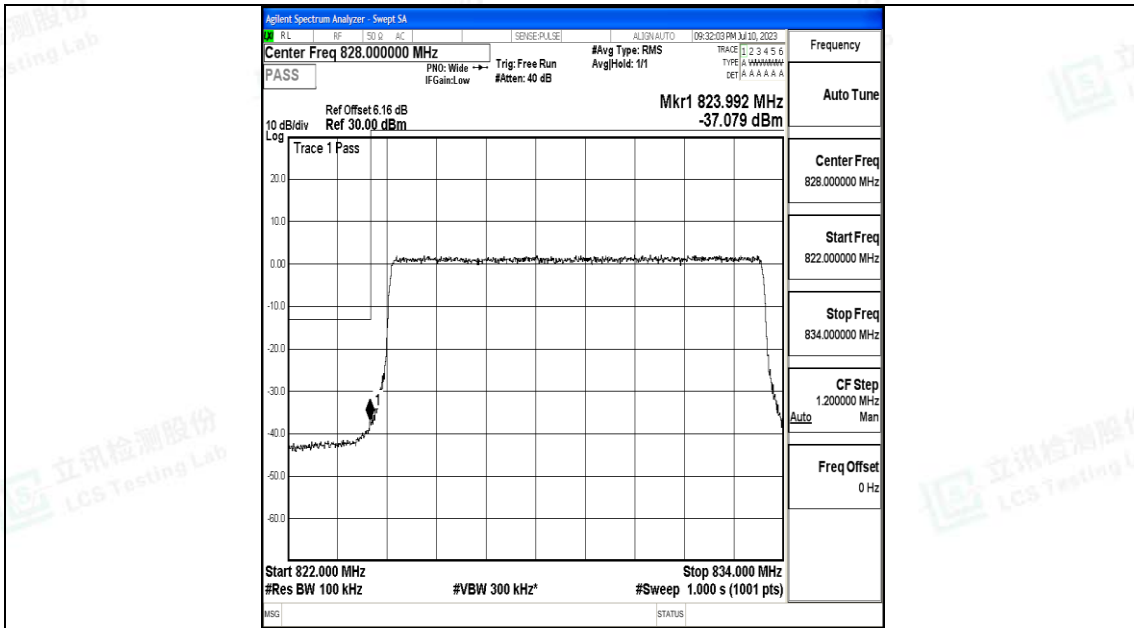


Band5\_5MHz\_16QAM\_20625\_25RB#0

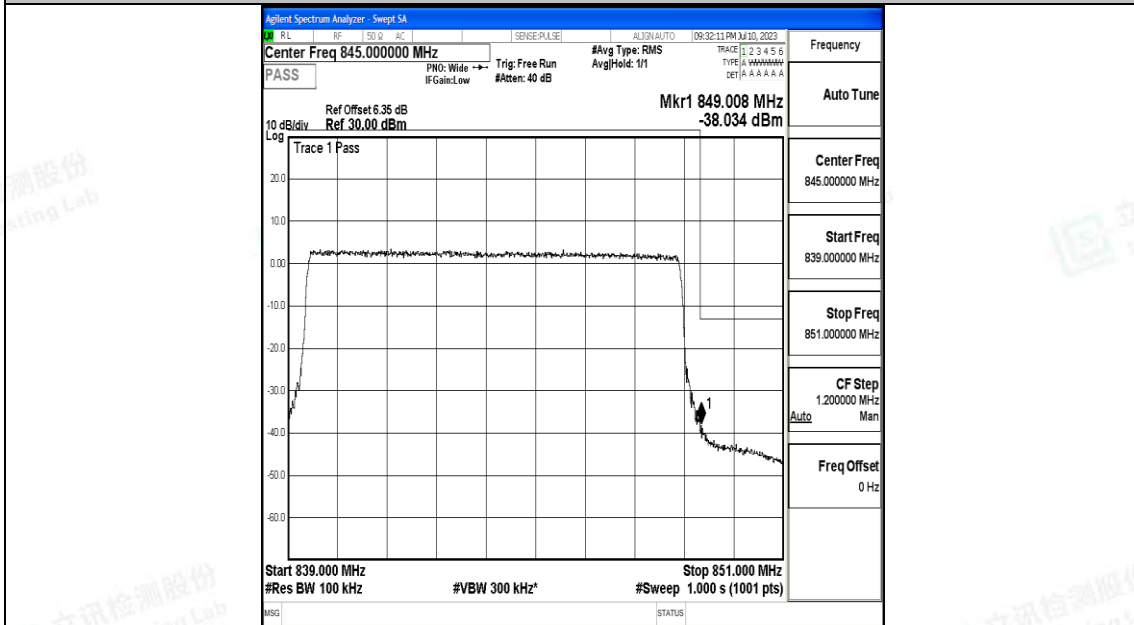


Band5\_10MHz\_QPSK\_20450\_50RB#0





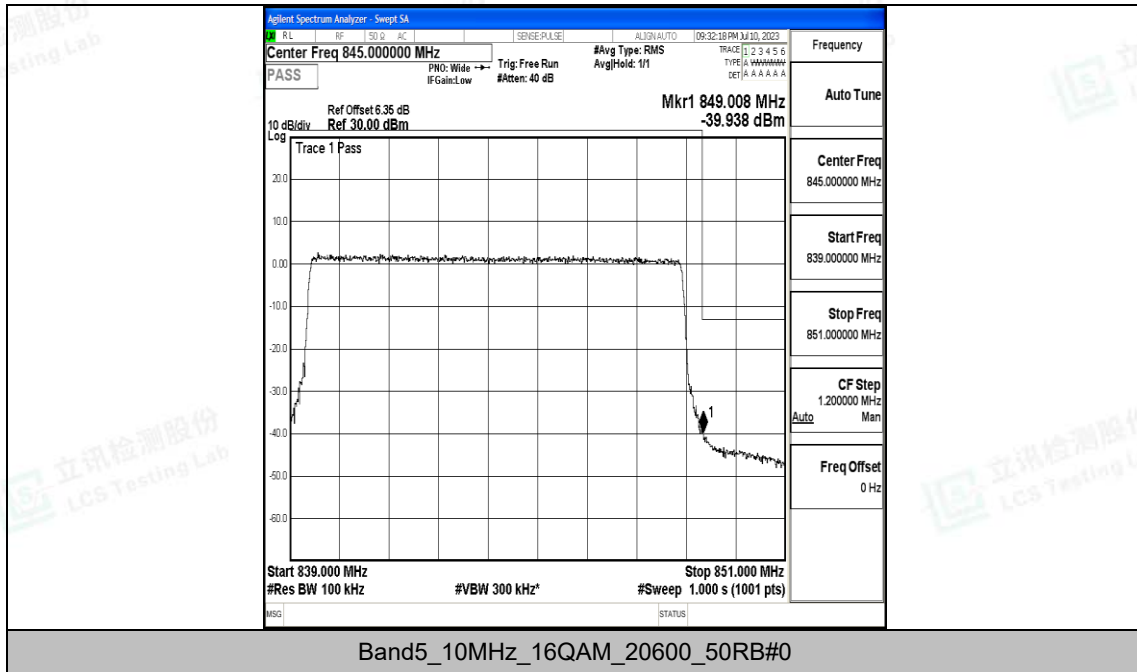
Band5\_10MHz\_16QAM\_20450\_50RB#0



Band5\_10MHz\_QPSK\_20600\_50RB#0









### H.5 Conducted Spurious Emission

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-55.54	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.46	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-52.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-57.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-52.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-44.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-56.26	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.36	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-52.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.65	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.11	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-59.42	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.34	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-52.34	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.22	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-59.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-51.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-45.76	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-61.23	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-52.22	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-47.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-54.86	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.50	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-60.20	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-44.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.12	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.  
 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  
 Scan code to check authenticity



Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.41	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-54.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-60.34	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-44.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.28	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.43	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-52.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-60.47	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.30	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.15	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.84	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-53.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-59.91	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.17	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-50.43	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-59.87	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.53	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-43.92	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-61.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.67	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-59.15	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-43.04	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.42	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-56.70	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.65	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-63.55	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.28	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-59.27	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-53.18	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-63.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.69	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.04	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.61	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-53.79	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-58.71	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.00	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.39	PASS





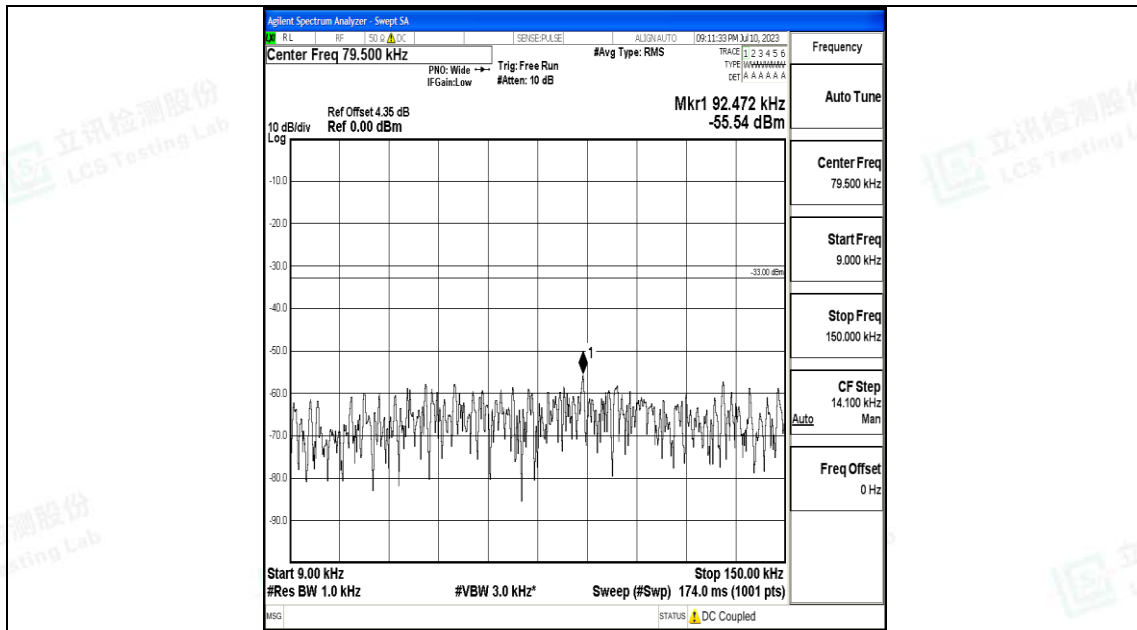
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.87	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-52.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-63.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-44.00	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-56.26	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-54.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-63.34	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-42.31	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-60.98	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.13	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-63.66	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.22	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.11	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-54.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-63.43	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.48	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-57.59	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-53.02	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-63.49	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-44.44	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-55.83	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.87	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-63.39	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.00	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.23	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-55.50	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.43	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-63.41	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.83	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.67	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-63.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-43.28	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.76	PASS



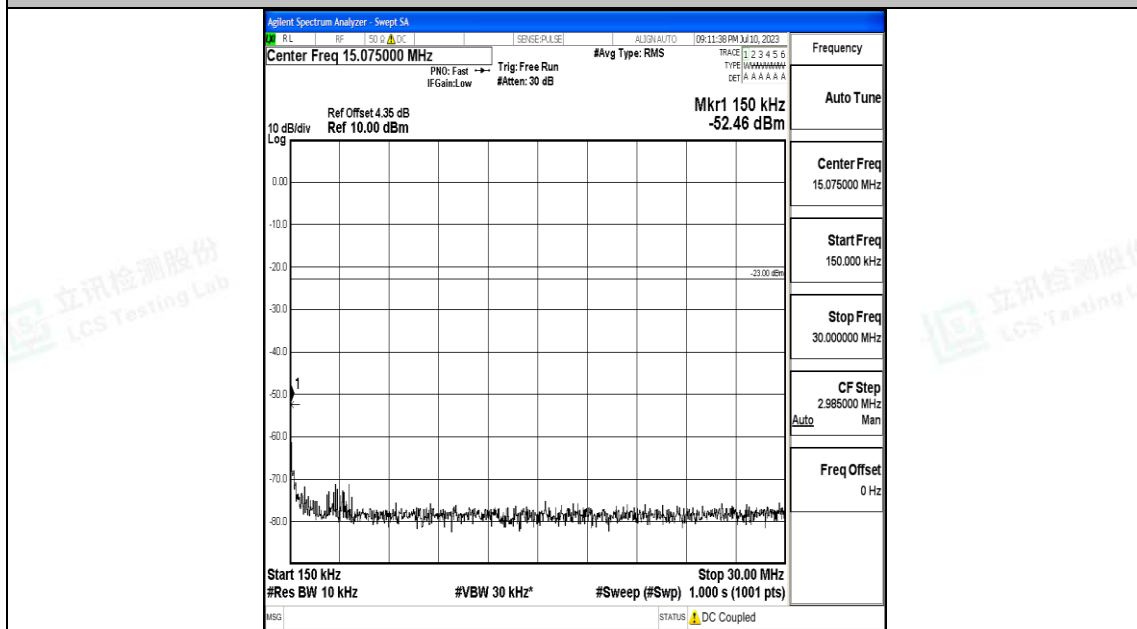


Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-53.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-63.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-42.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.16	PASS

### Test Graphs

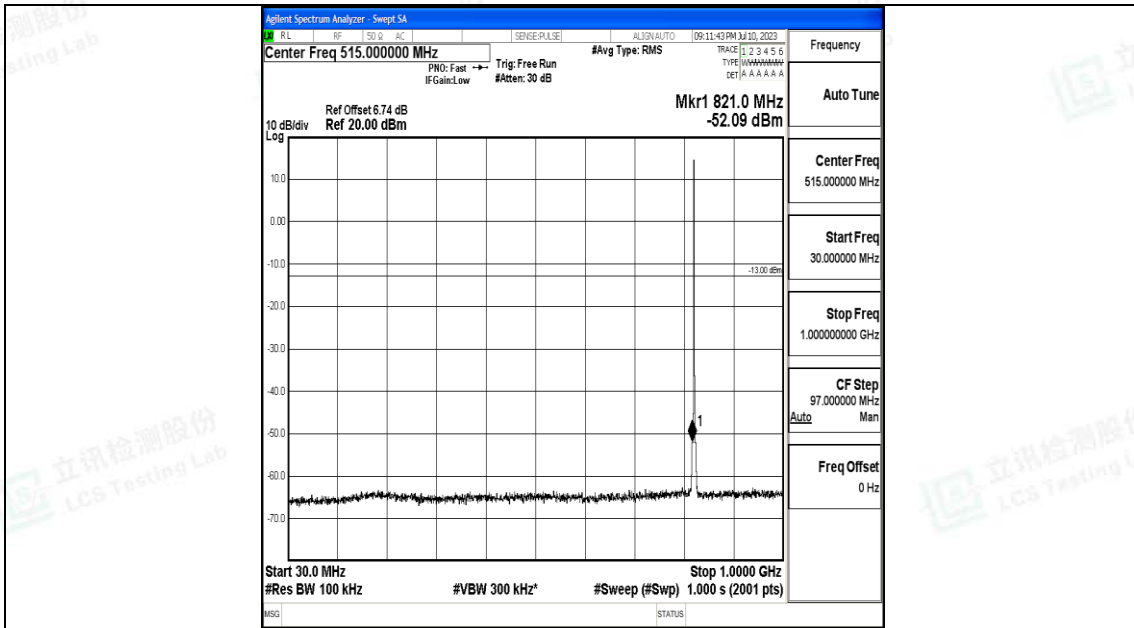


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.009~0.15\_0.009~0.15

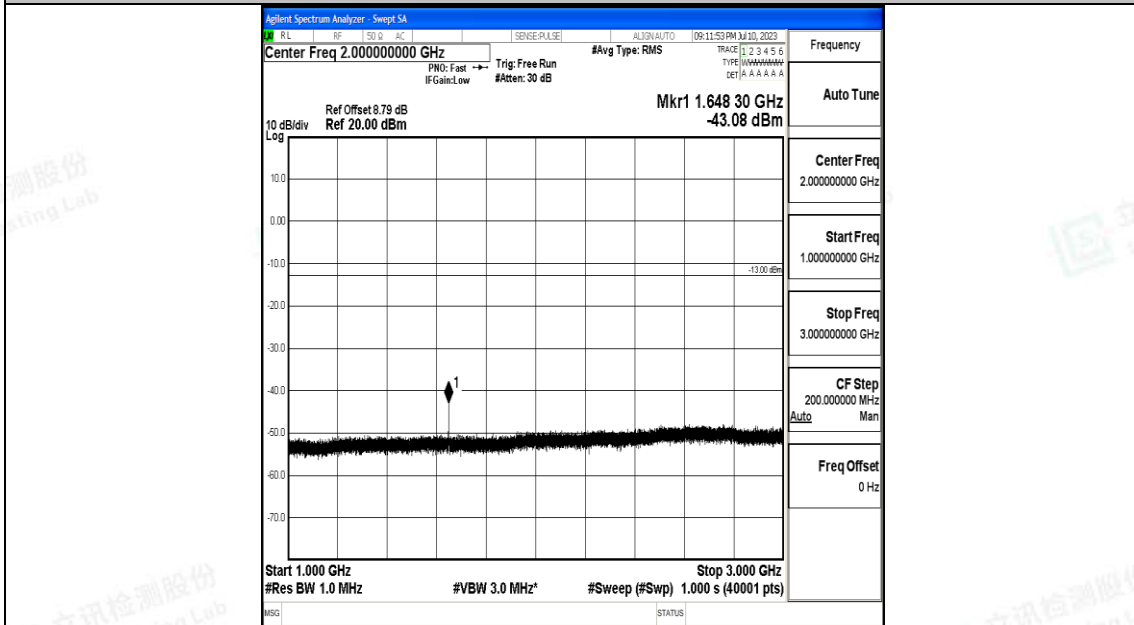


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.15~30\_0.15~30



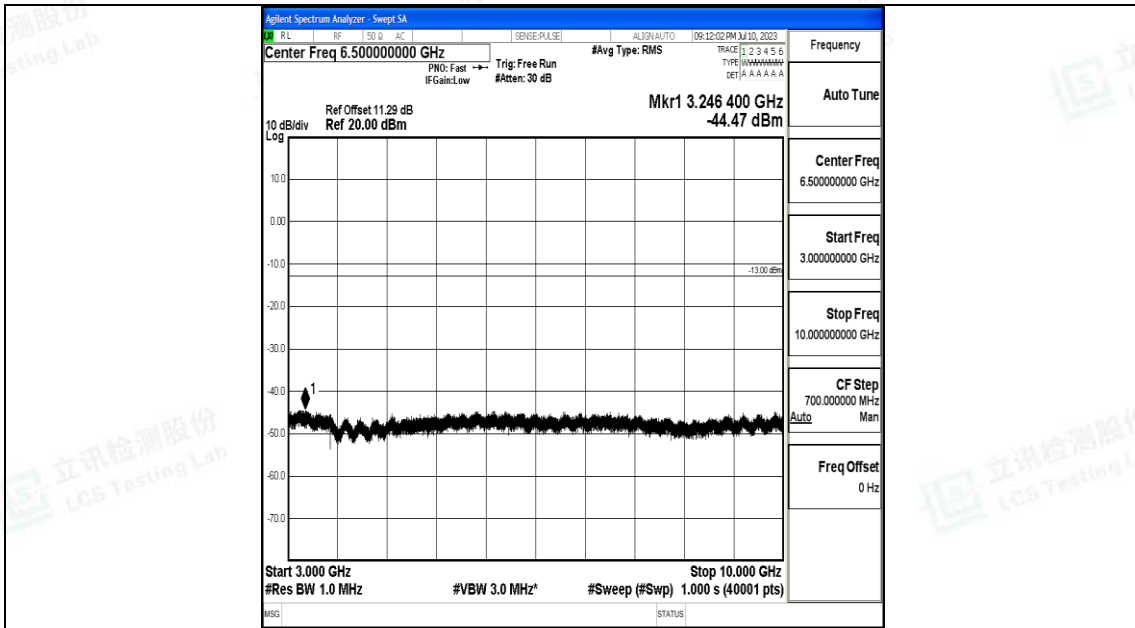


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_30~1000\_30~1000

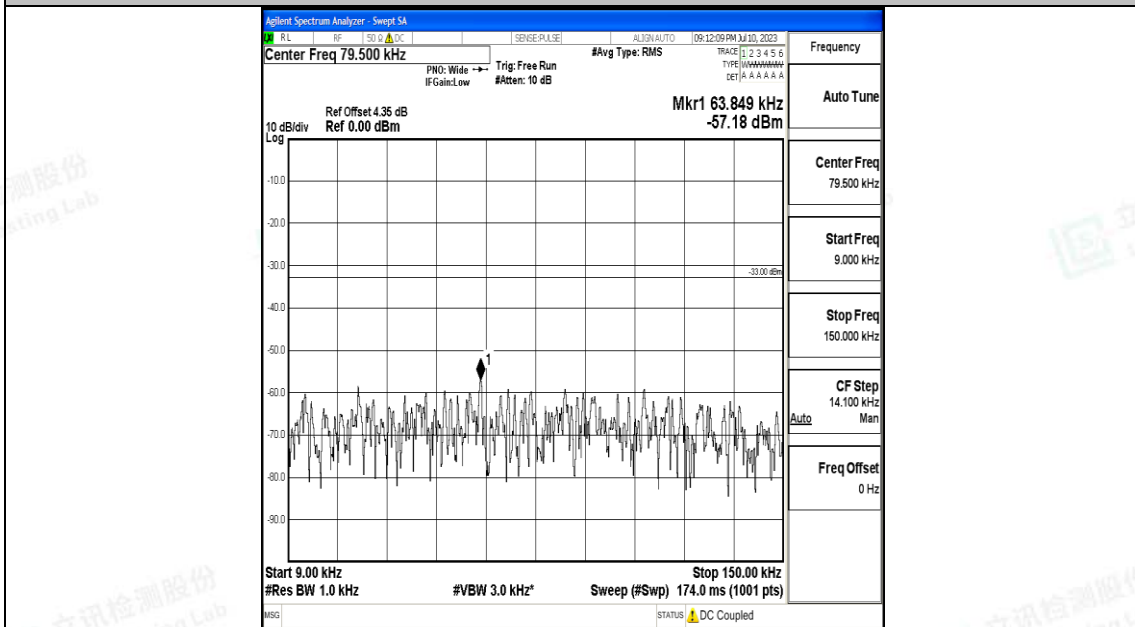


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_1000~3000\_1000~3000



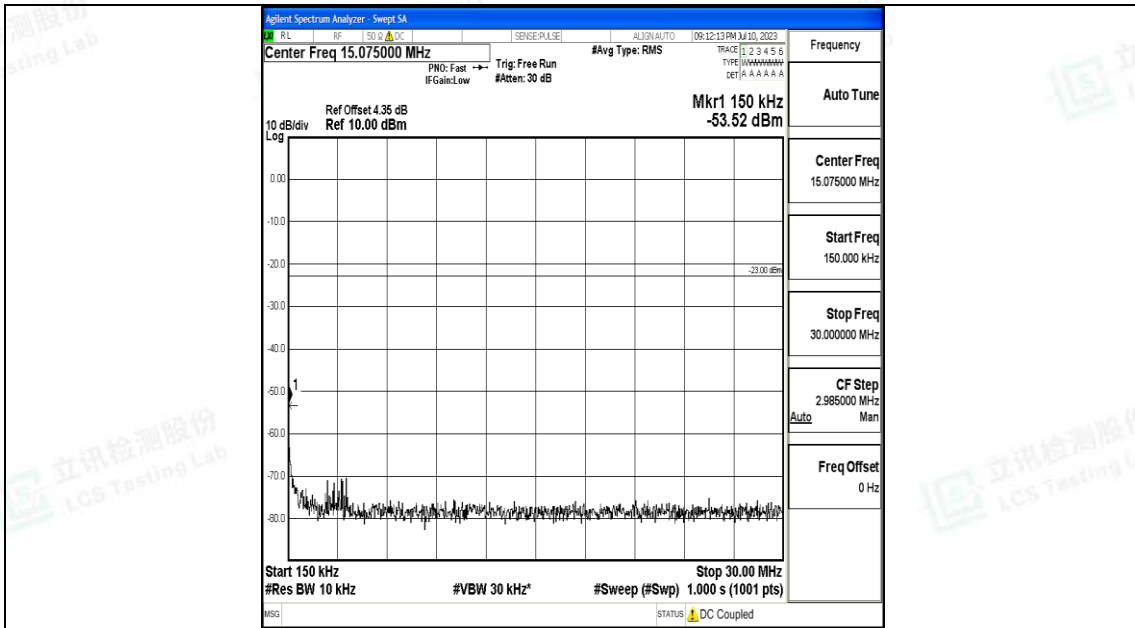


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_3000~10000\_3000~10000

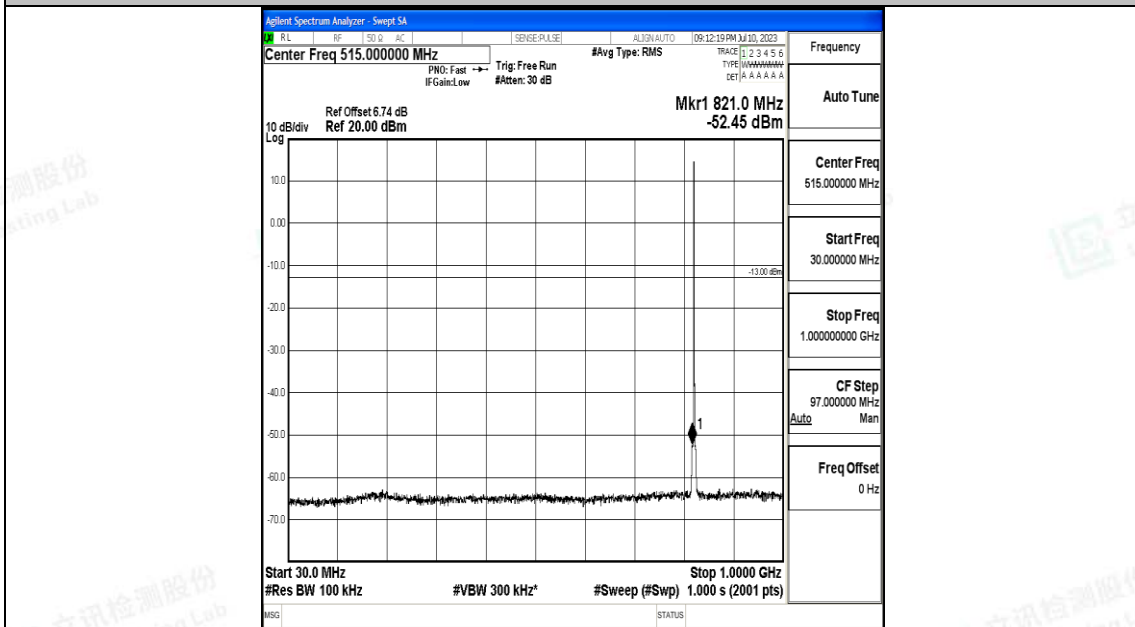


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.009~0.15\_0.009~0.15





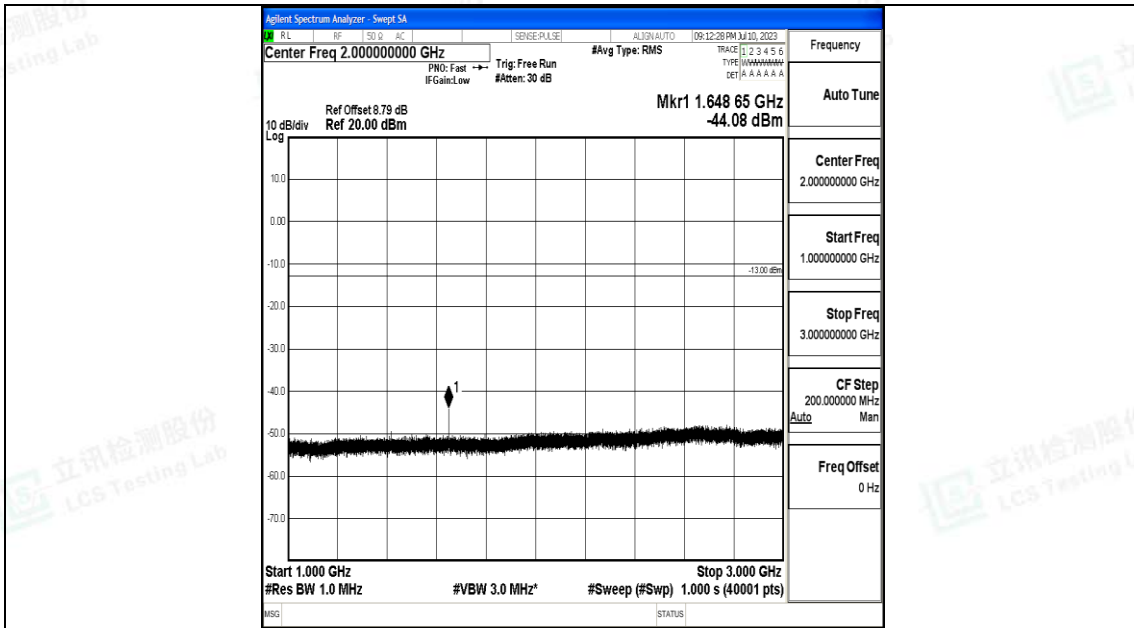
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.15~30\_0.15~30



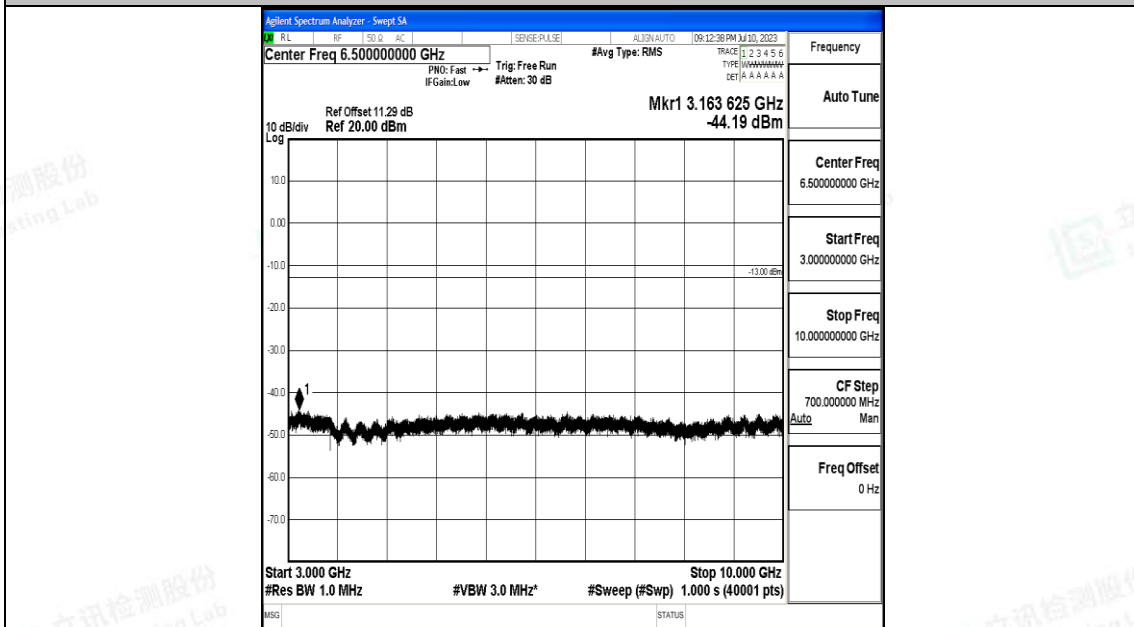
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_30~1000\_30~1000





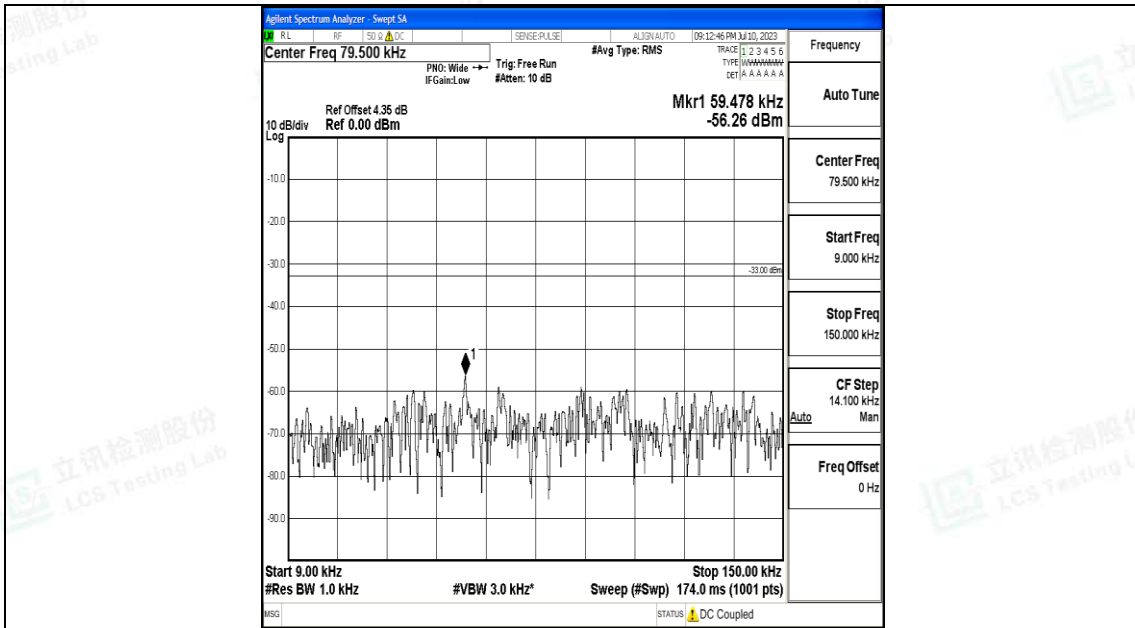


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_1000~3000\_1000~3000

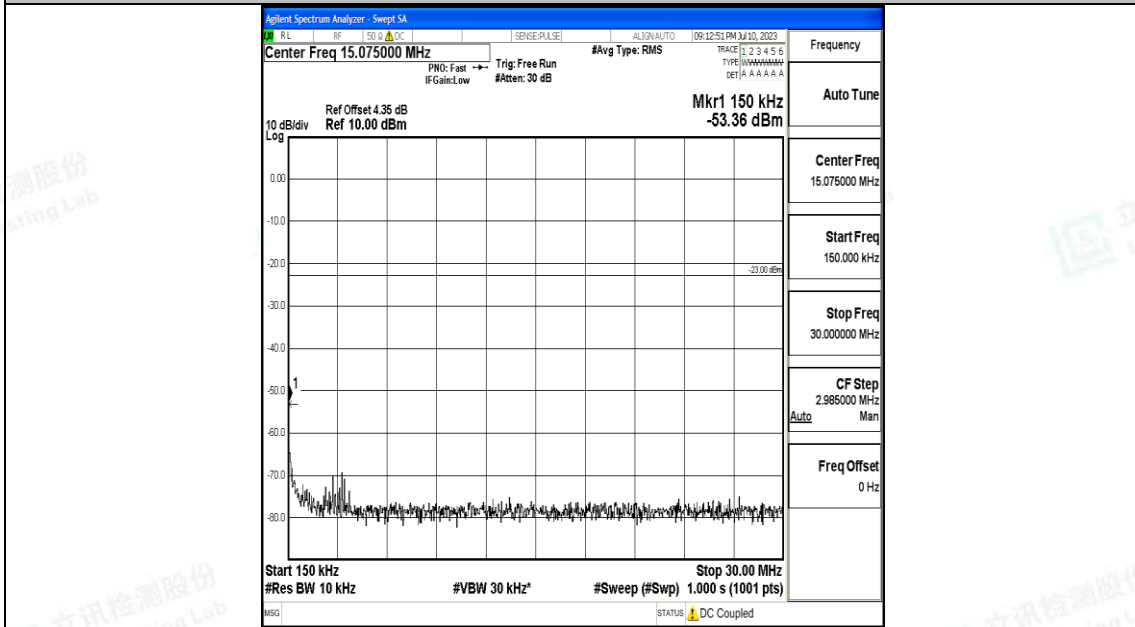


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_3000~10000\_3000~10000



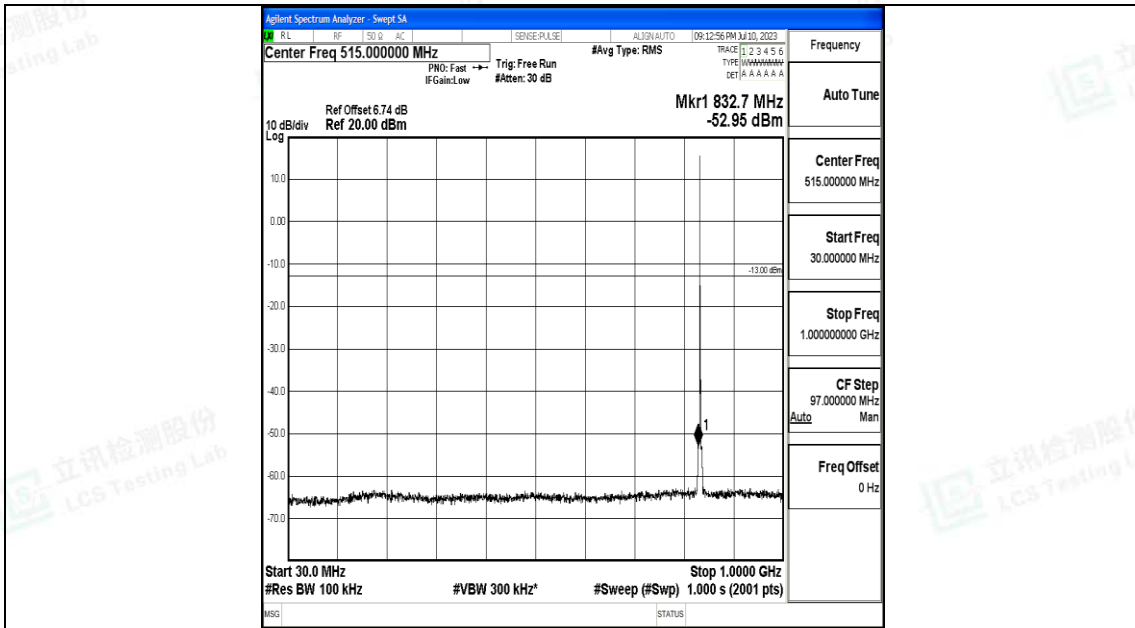


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.15

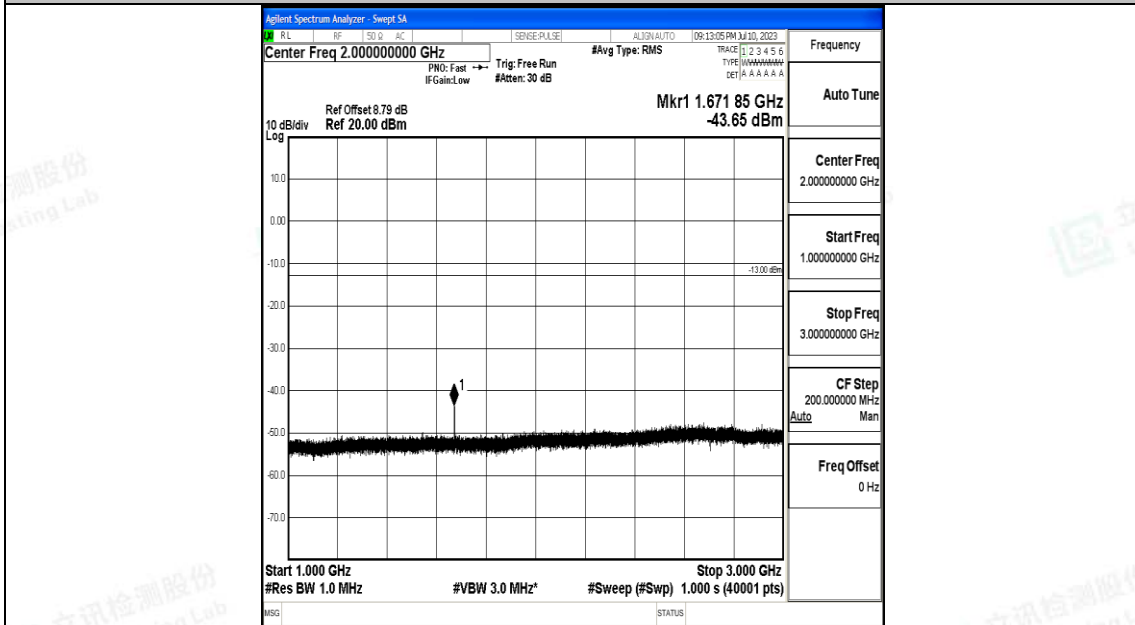


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30



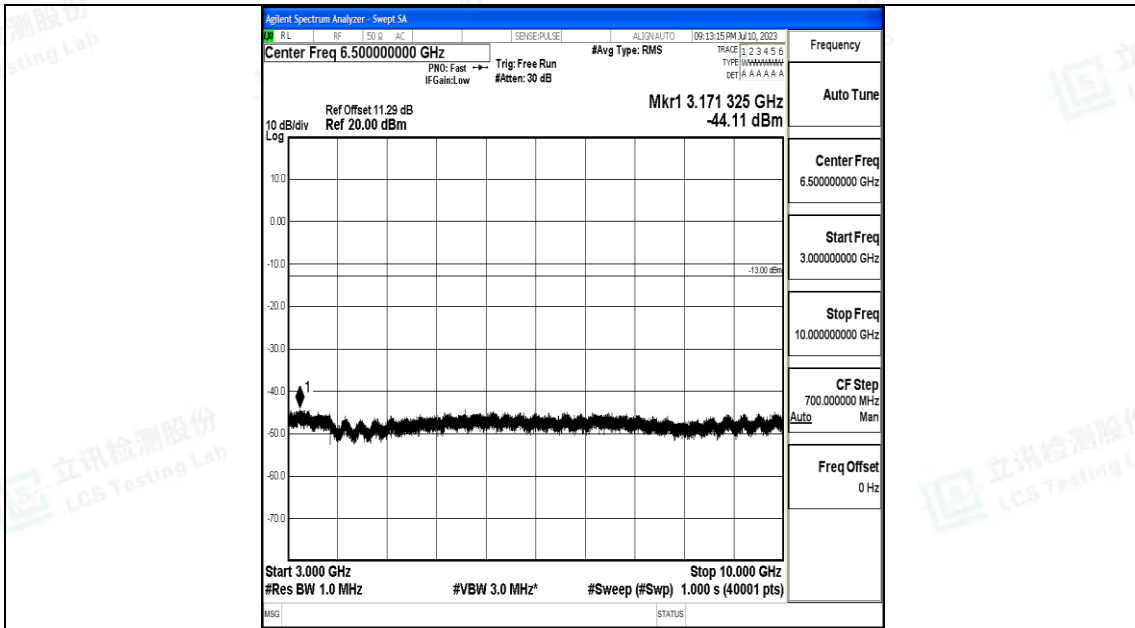


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_30~1000\_30~1000

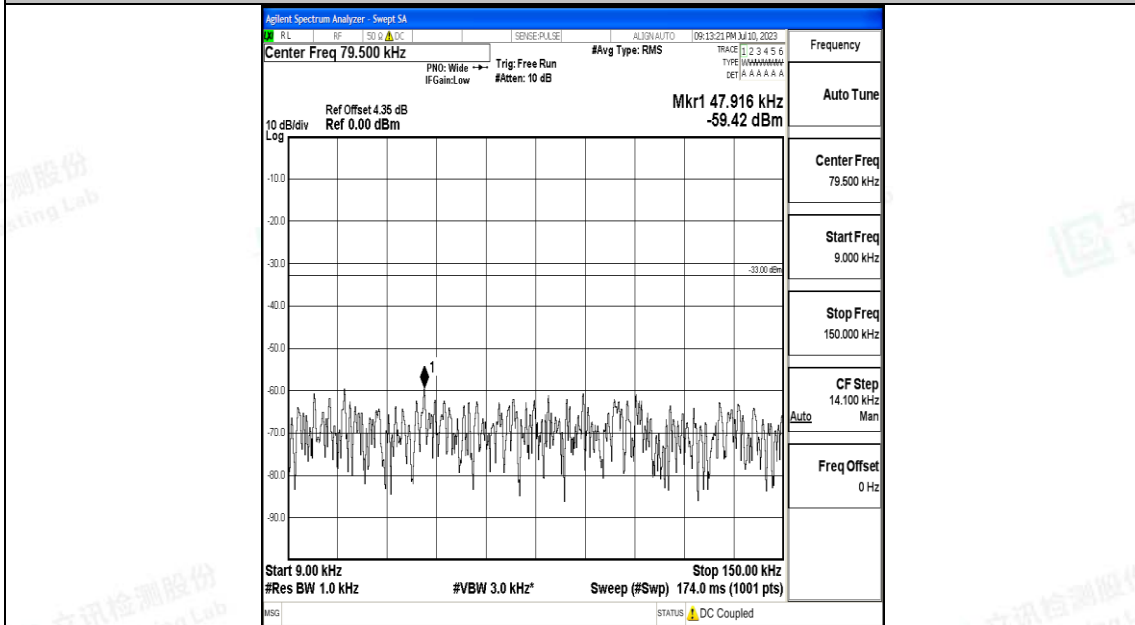


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_1000~3000\_1000~3000



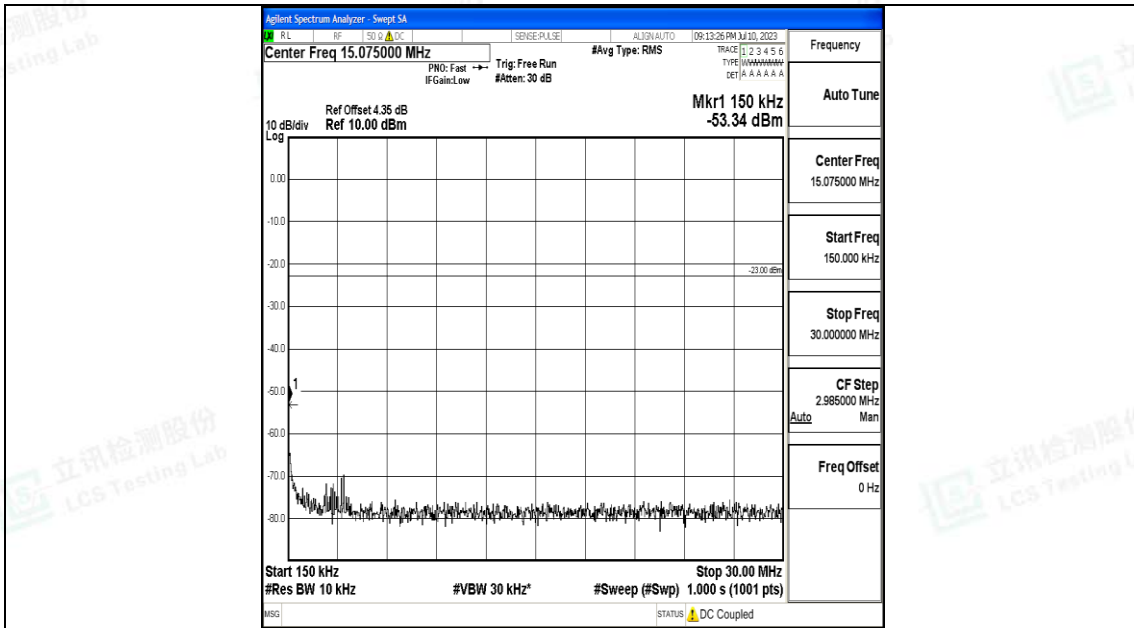


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~10000

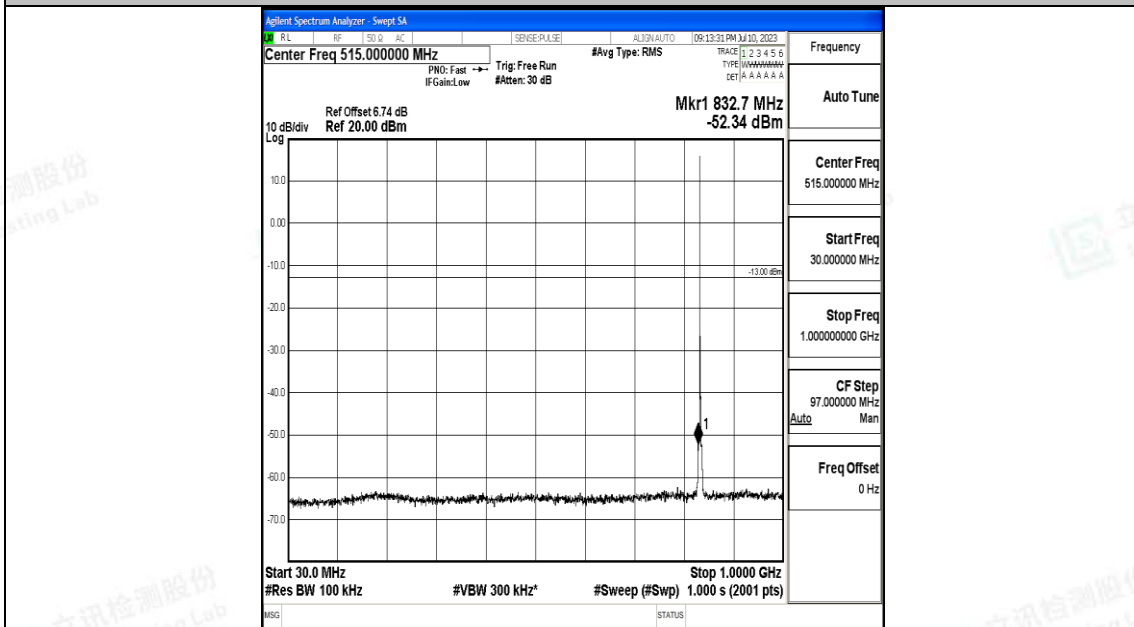


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_0.009~0.15\_0.009~0.15



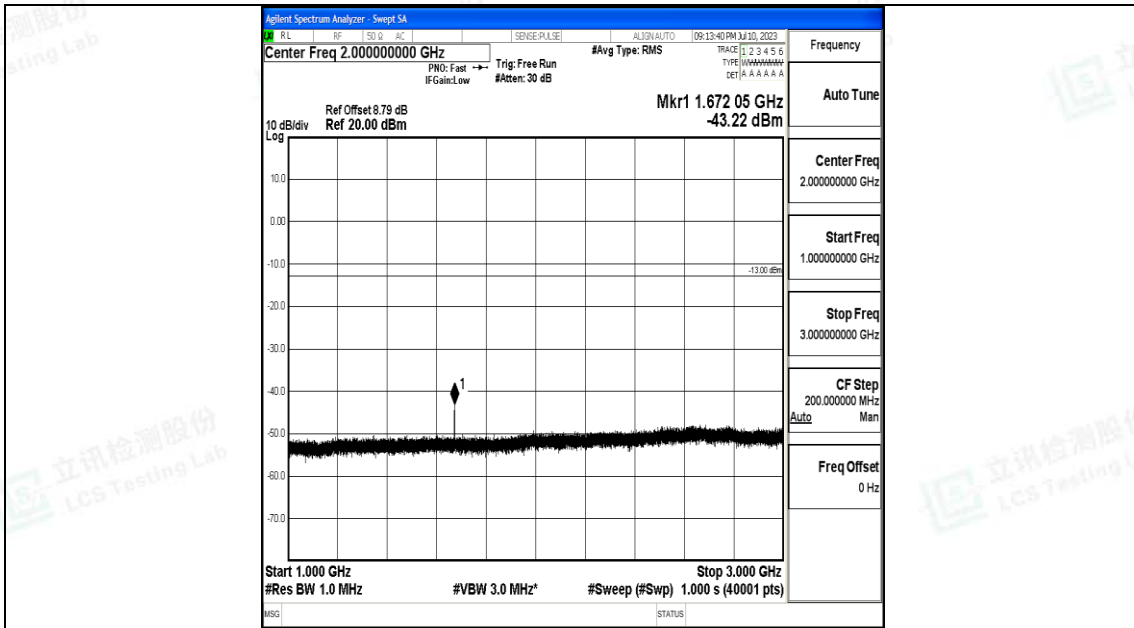


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_0.15~30\_0.15~30

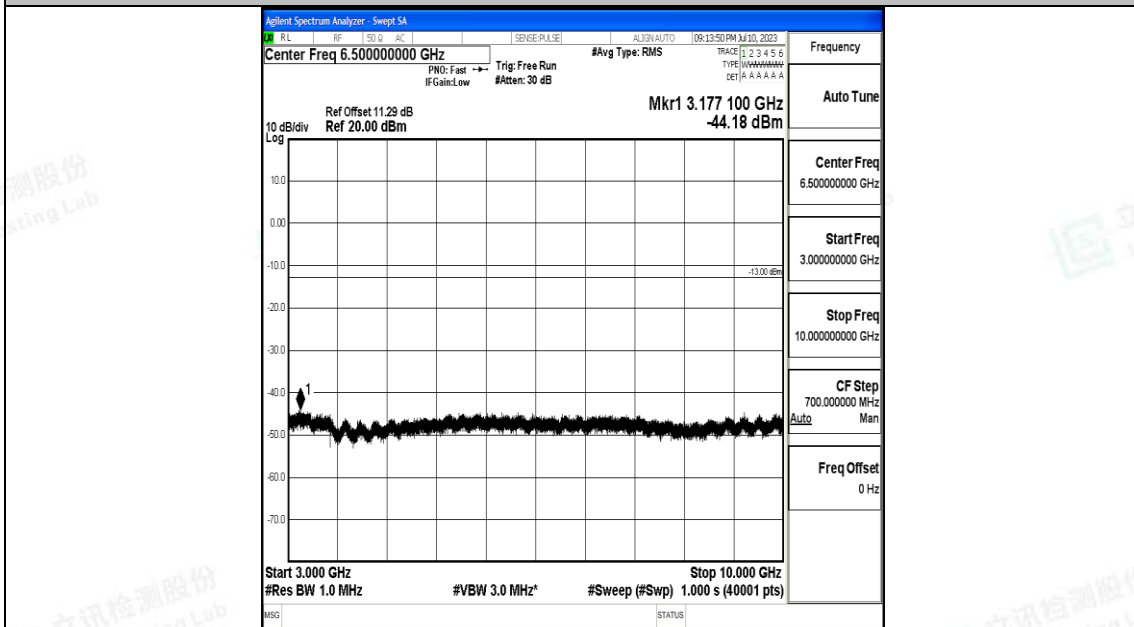


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_30~1000\_30~1000



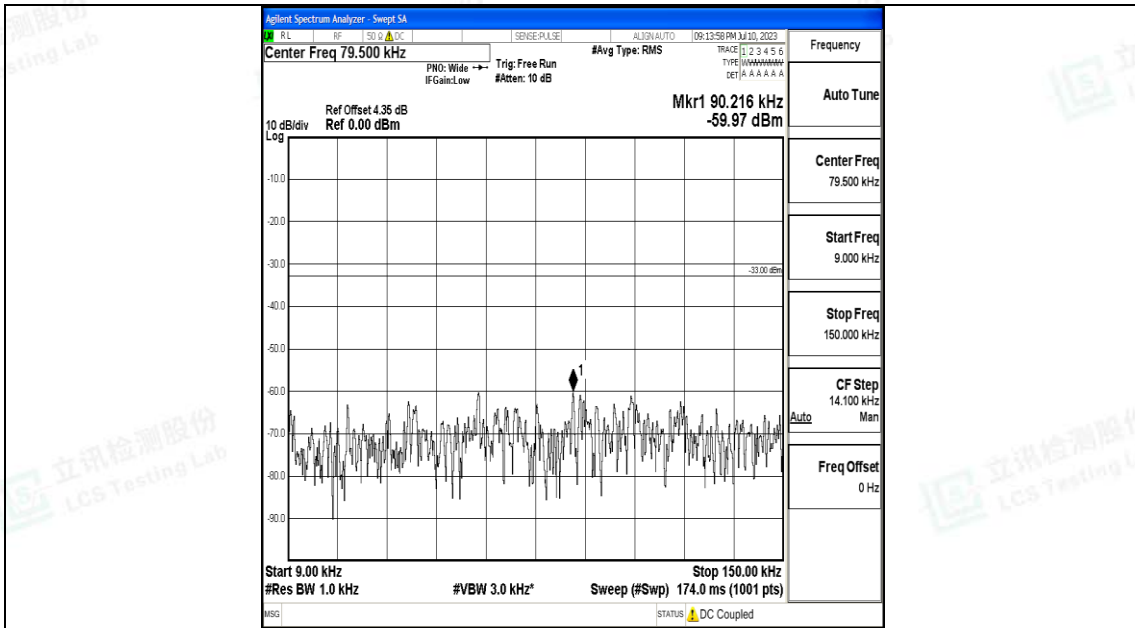


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_1000~3000\_1000~3000

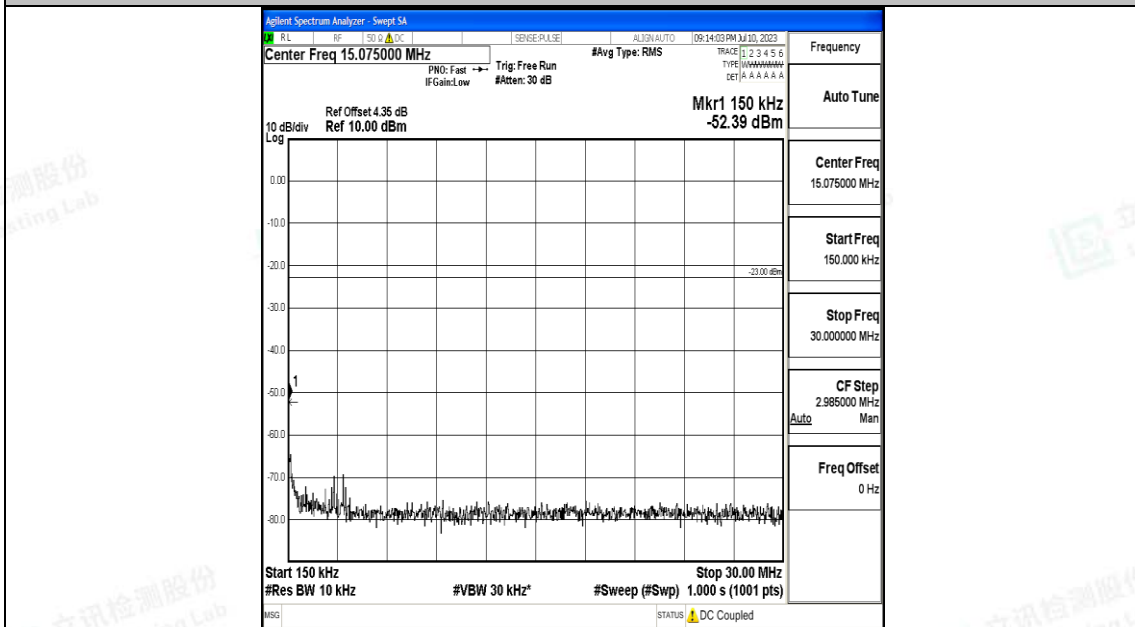


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_3000~10000\_3000~10000



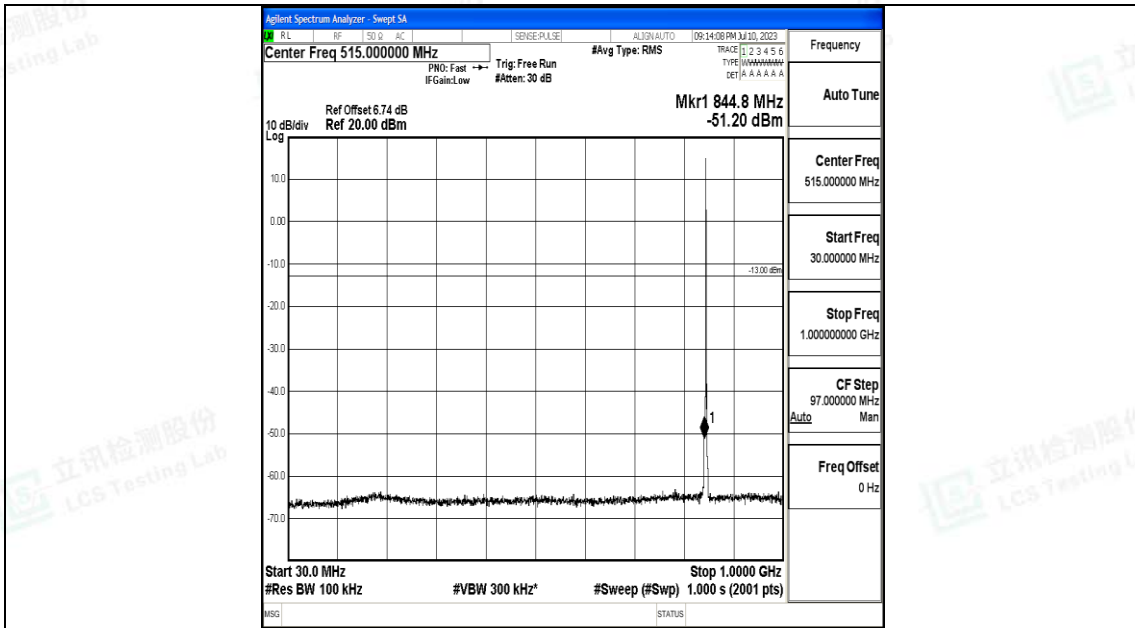


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.009~0.15\_0.009~0.15

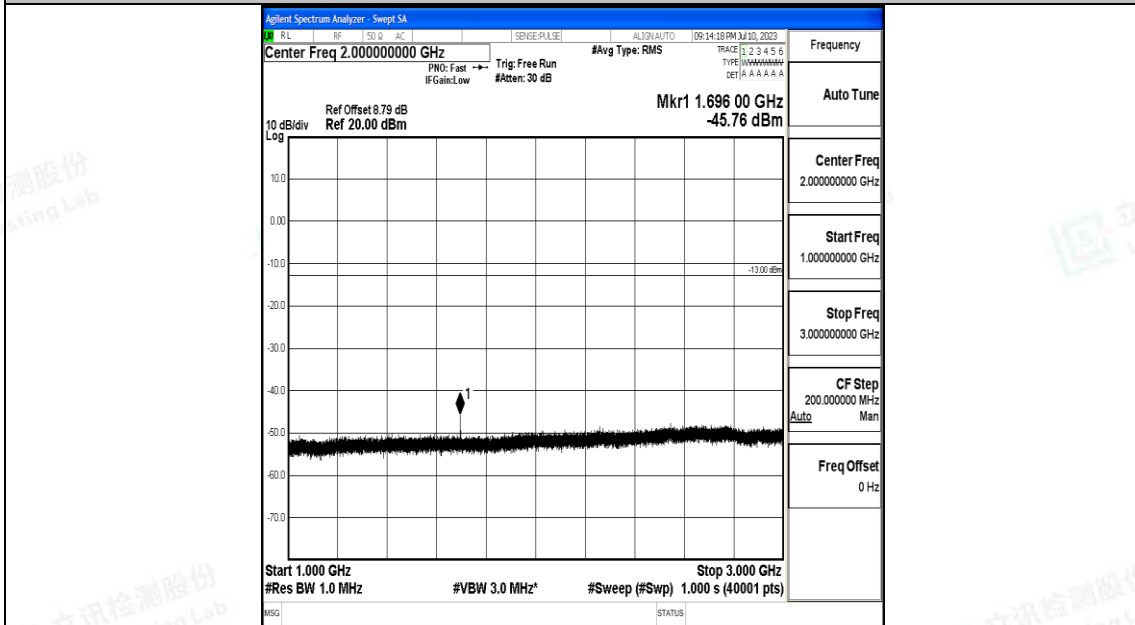


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.15~30\_0.15~30





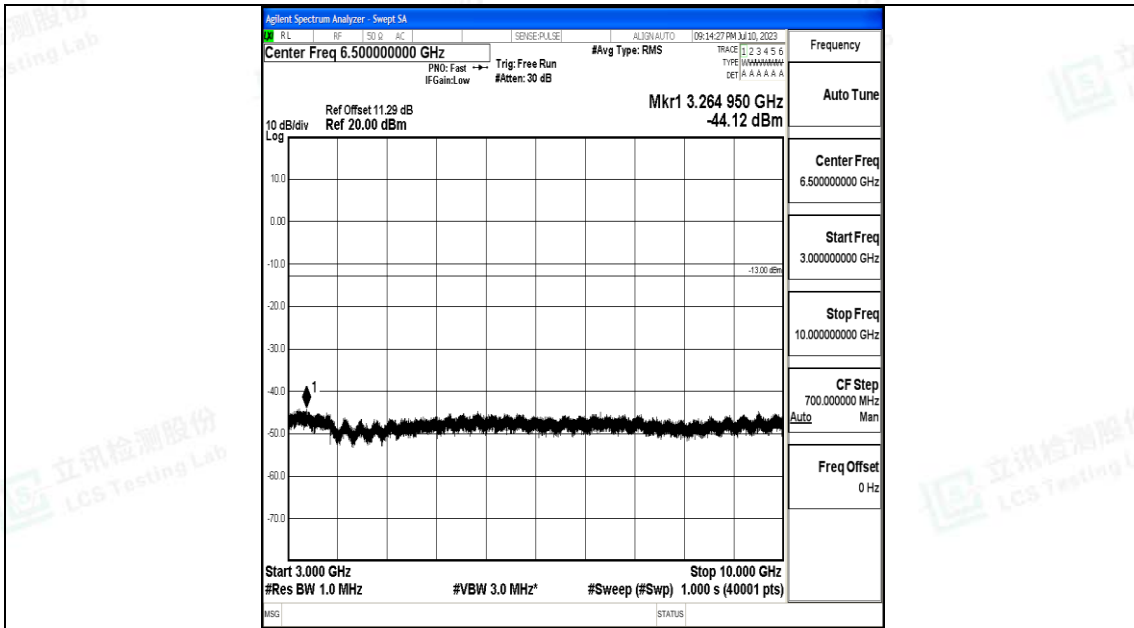
Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_30~1000\_30~1000



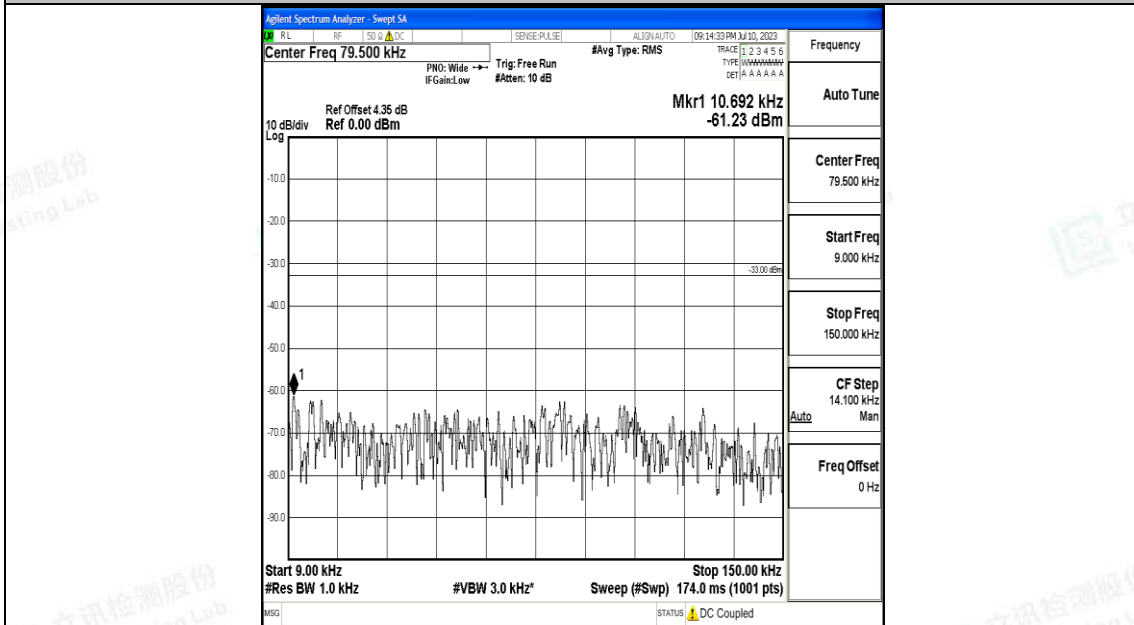
Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_1000~3000\_1000~3000





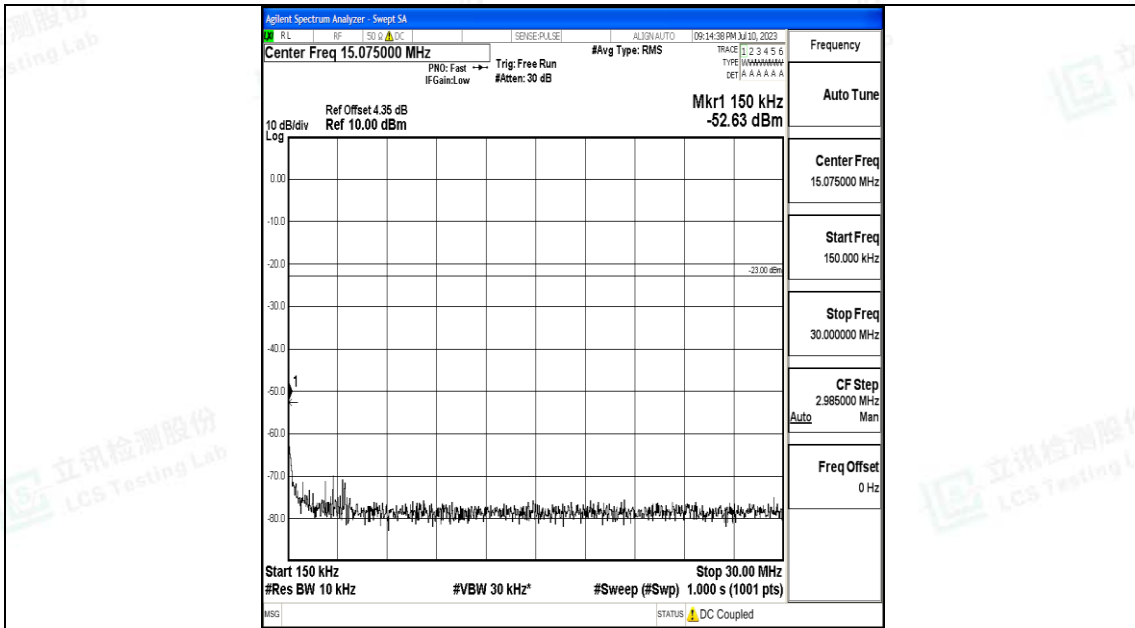


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_3000~10000\_3000~10000

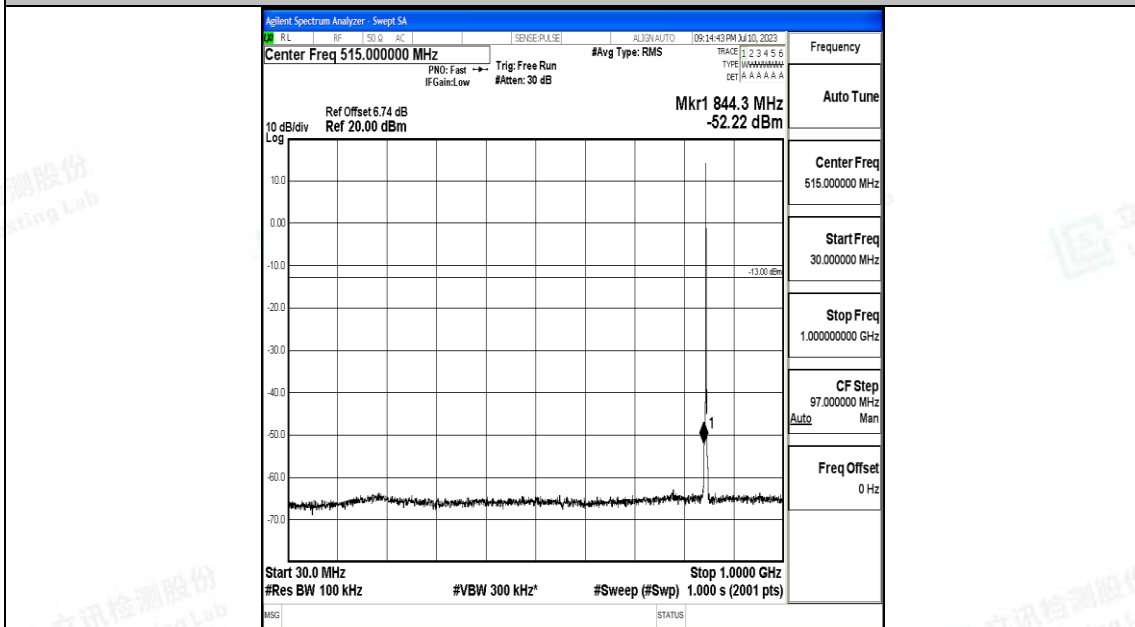


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_0.009~0.15\_0.009~0.15



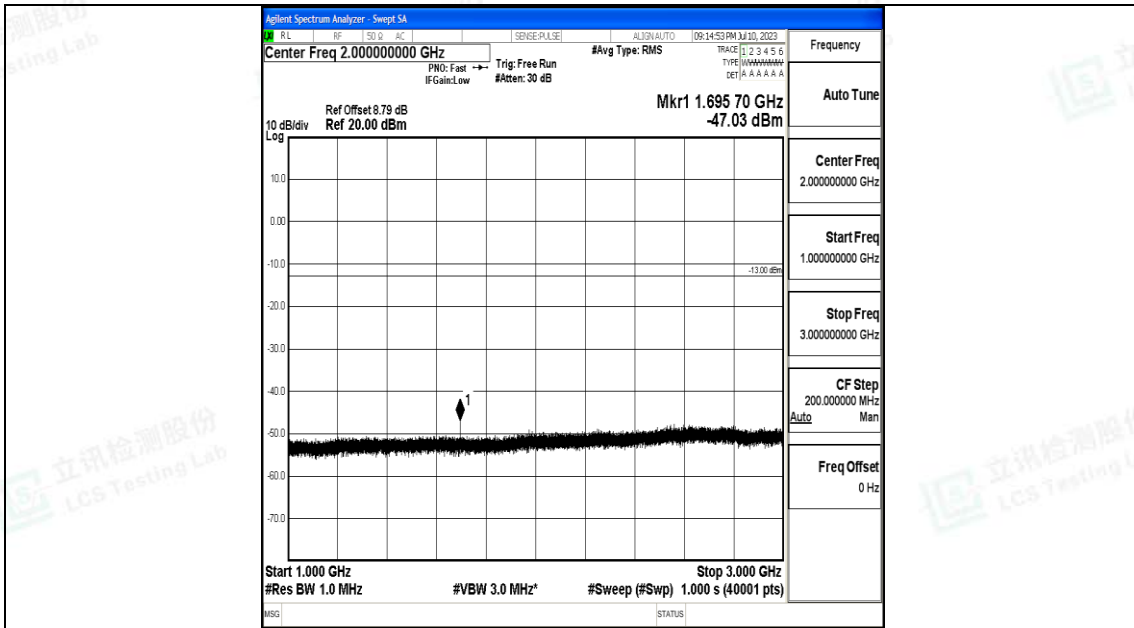


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_0.15~30\_0.15~30

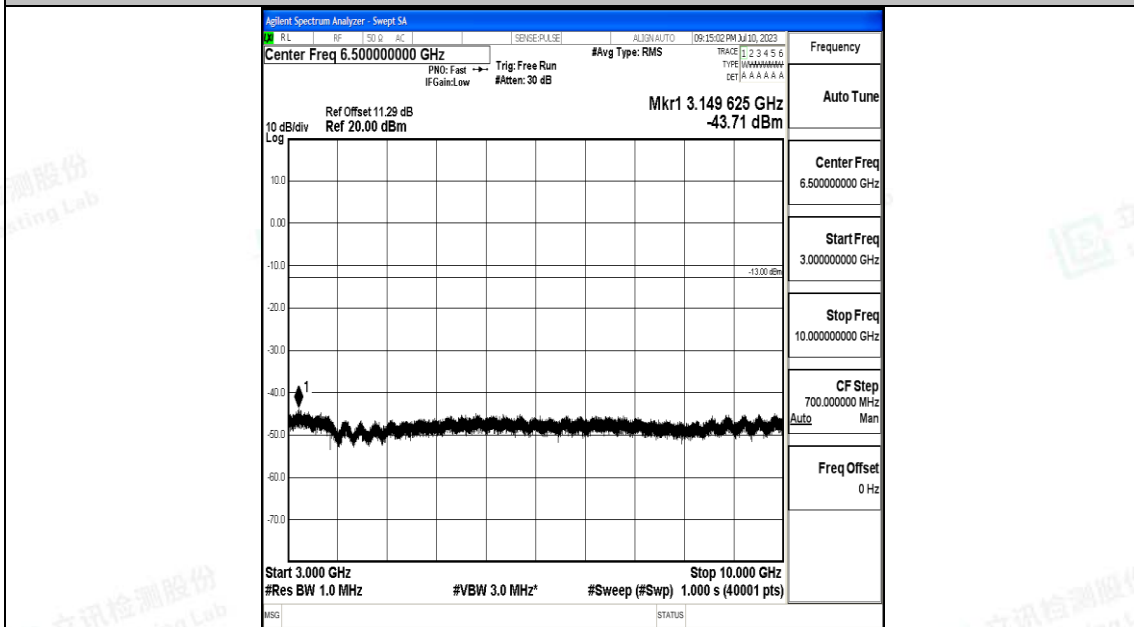


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_30~1000\_30~1000



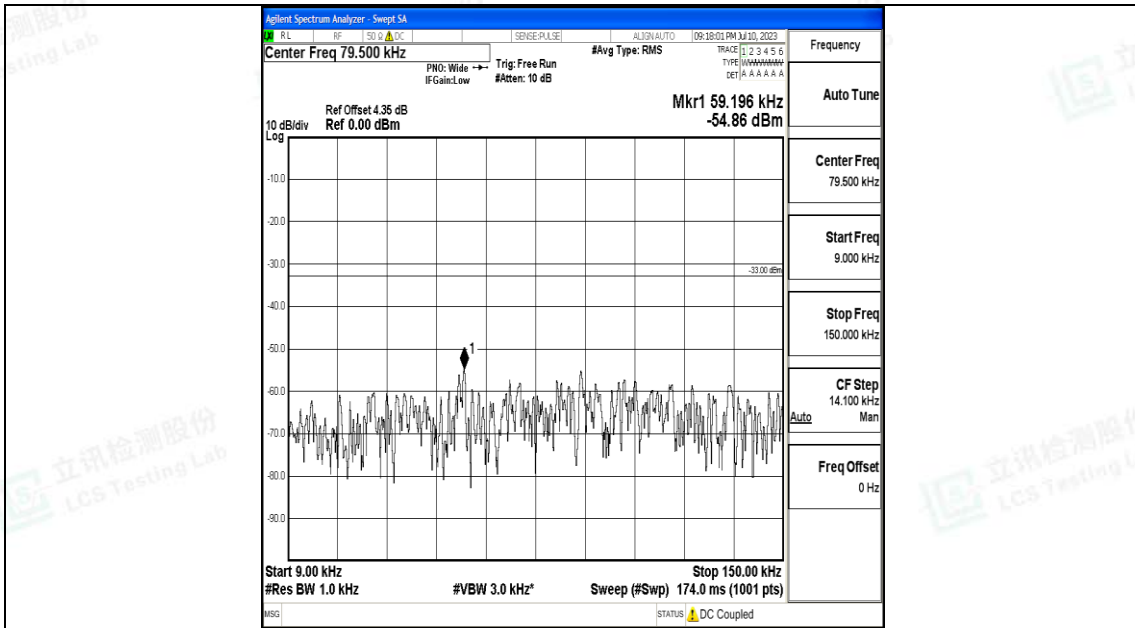


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_1000~3000\_1000~3000

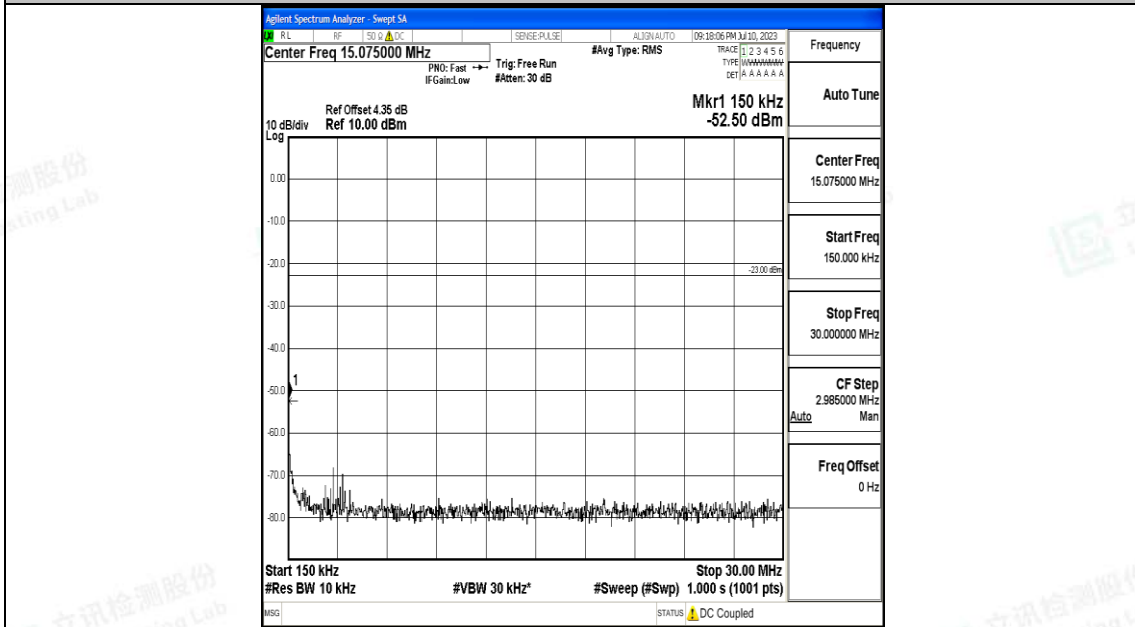


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_3000~10000\_3000~10000



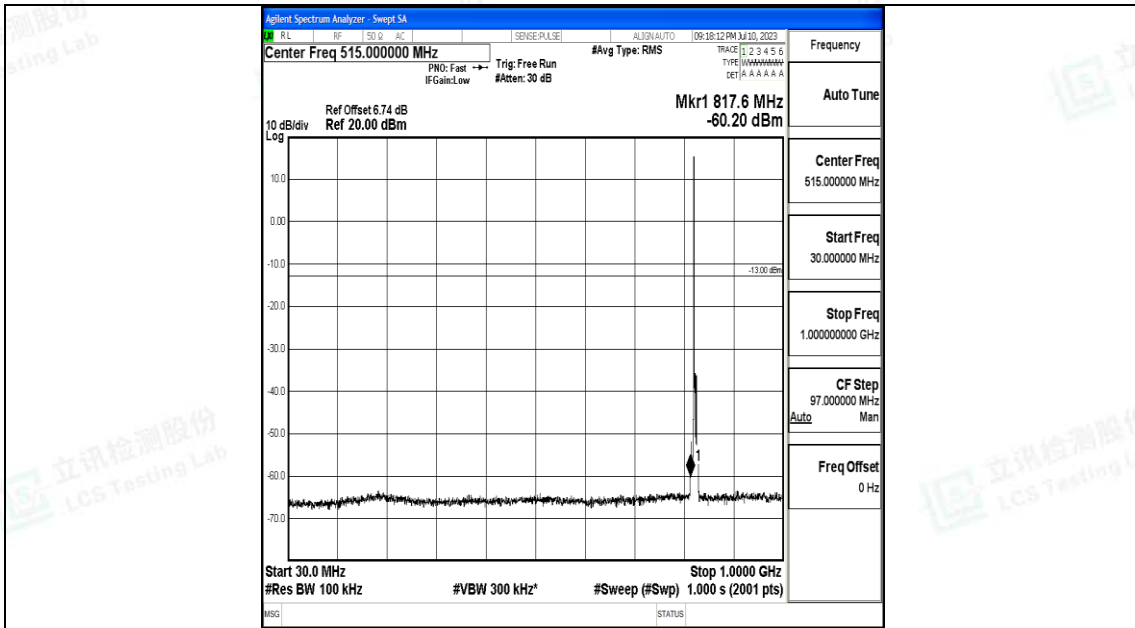


Band5\_3MHz\_QPSK\_20415\_1RB#0\_0.009~0.15\_0.009~0.15

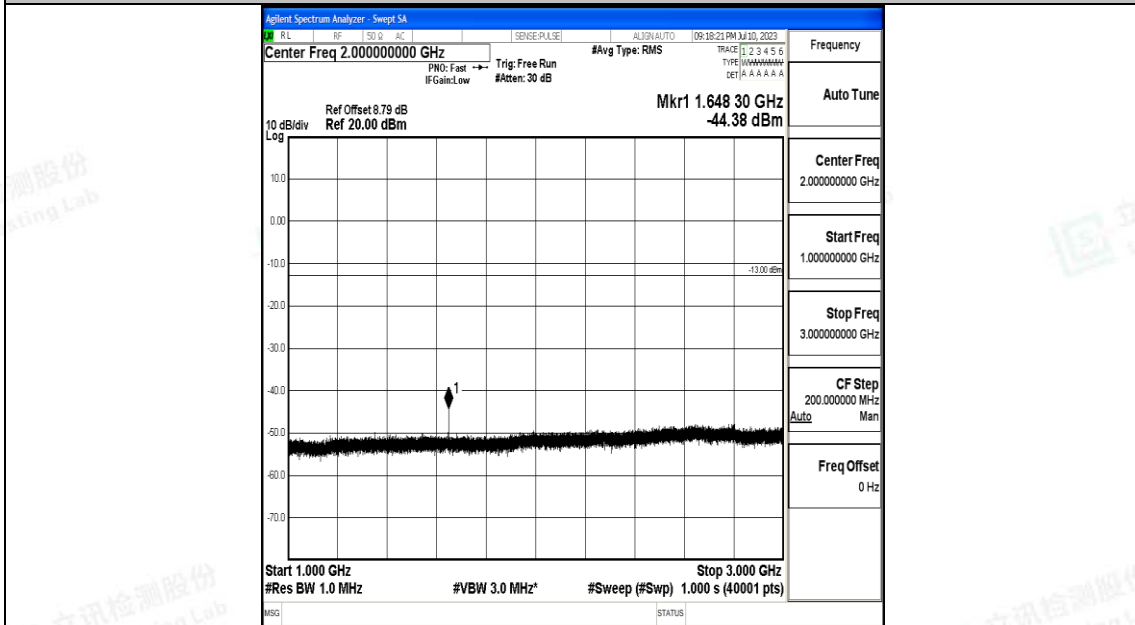


Band5\_3MHz\_QPSK\_20415\_1RB#0\_0.15~30\_0.15~30



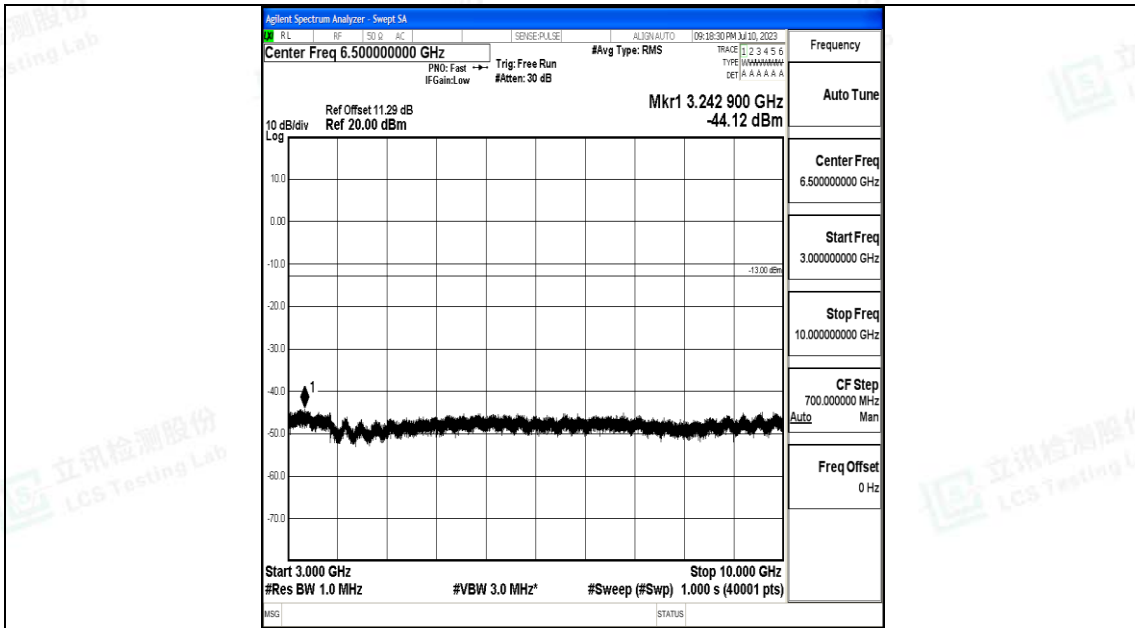


Band5\_3MHz\_QPSK\_20415\_1RB#0\_30~1000\_30~1000

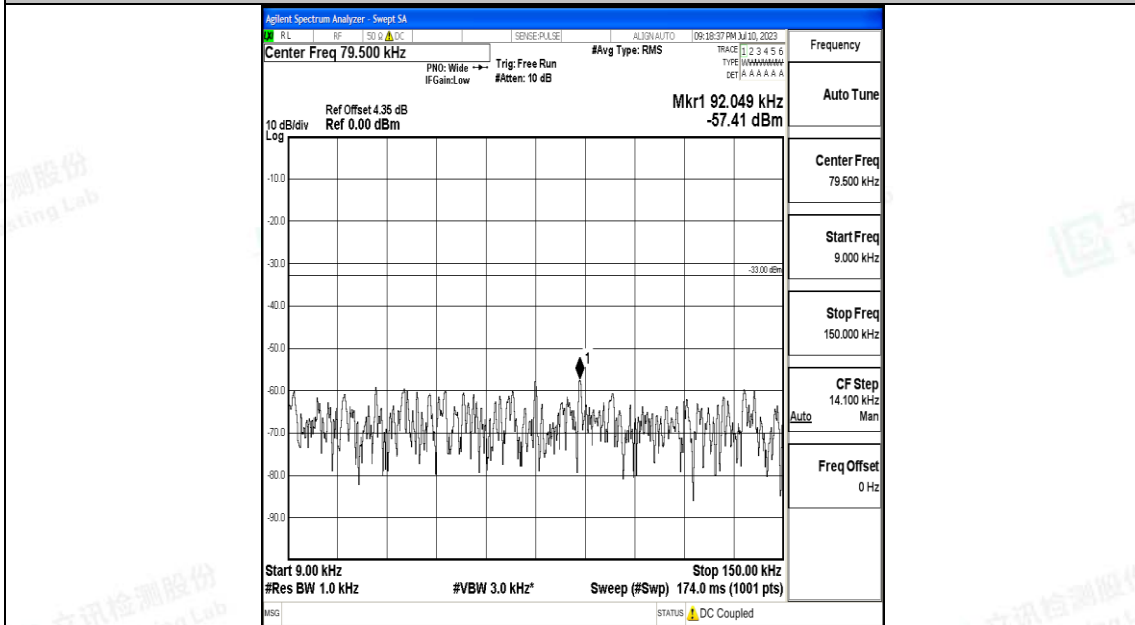


Band5\_3MHz\_QPSK\_20415\_1RB#0\_1000~3000\_1000~3000



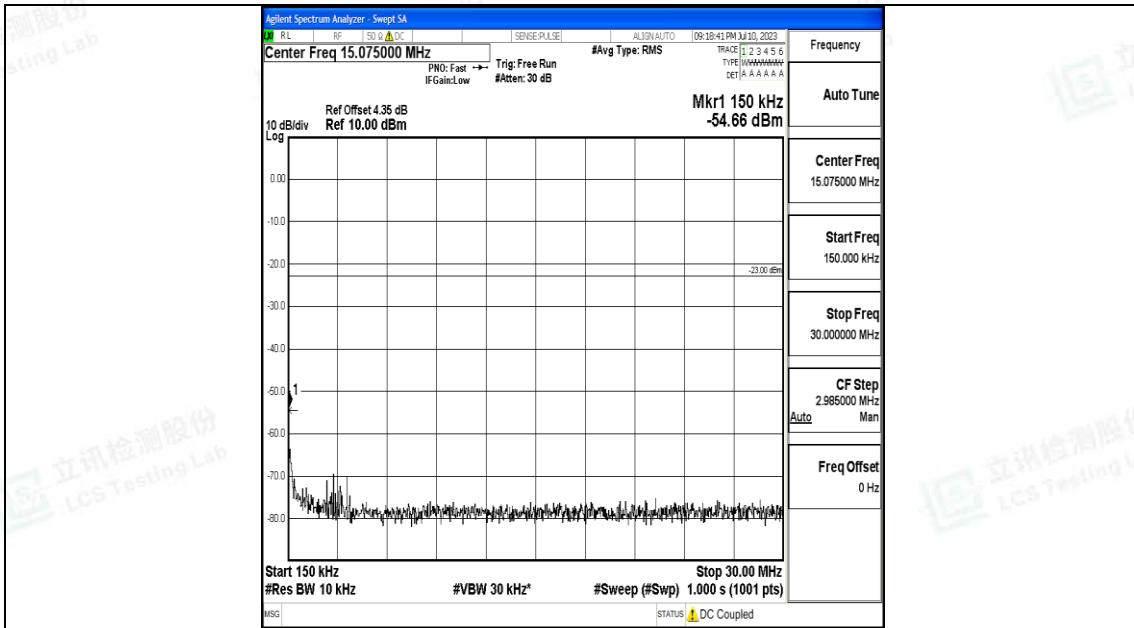


Band5\_3MHz\_QPSK\_20415\_1RB#0\_3000~10000\_3000~10000

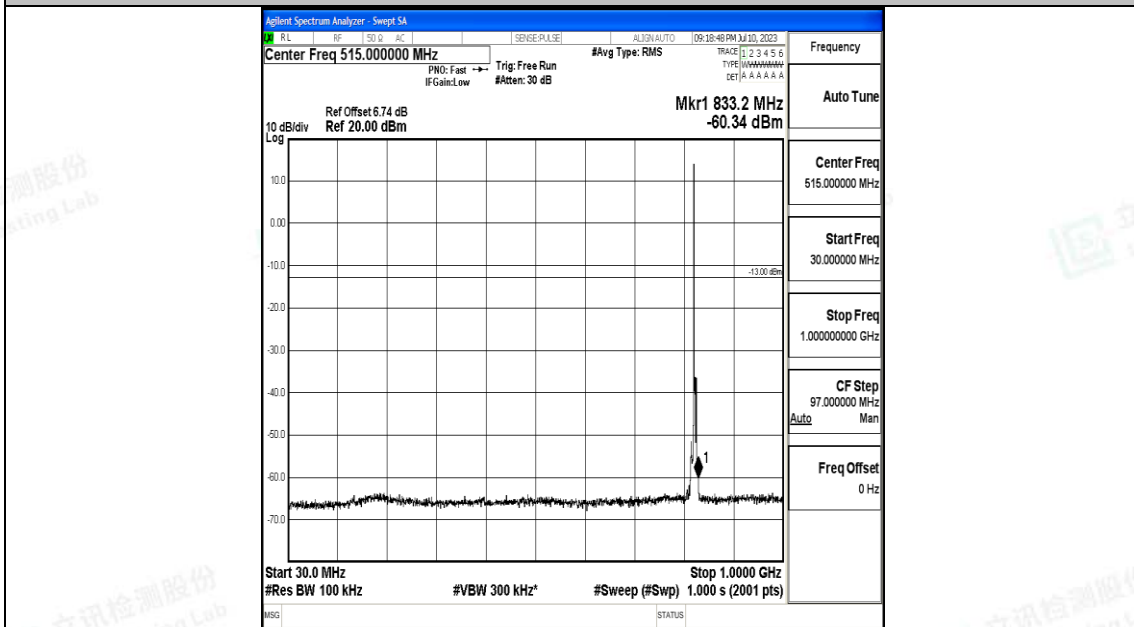


Band5\_3MHz\_16QAM\_20415\_1RB#0\_0.009~0.15\_0.009~0.15



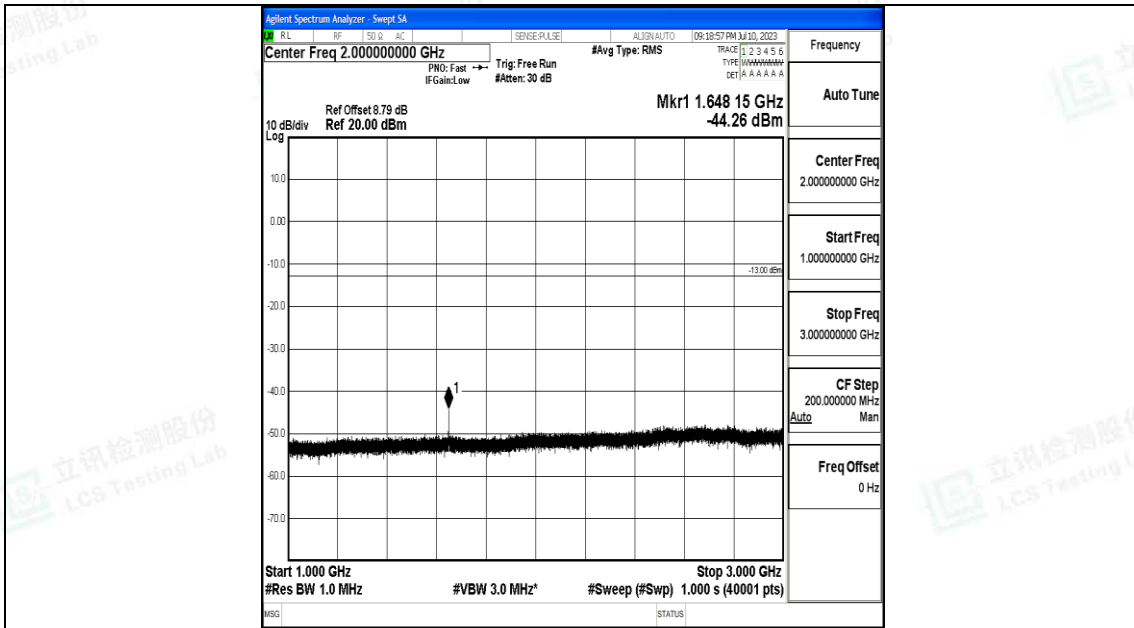


Band5\_3MHz\_16QAM\_20415\_1RB#0\_0.15~30\_0.15~30

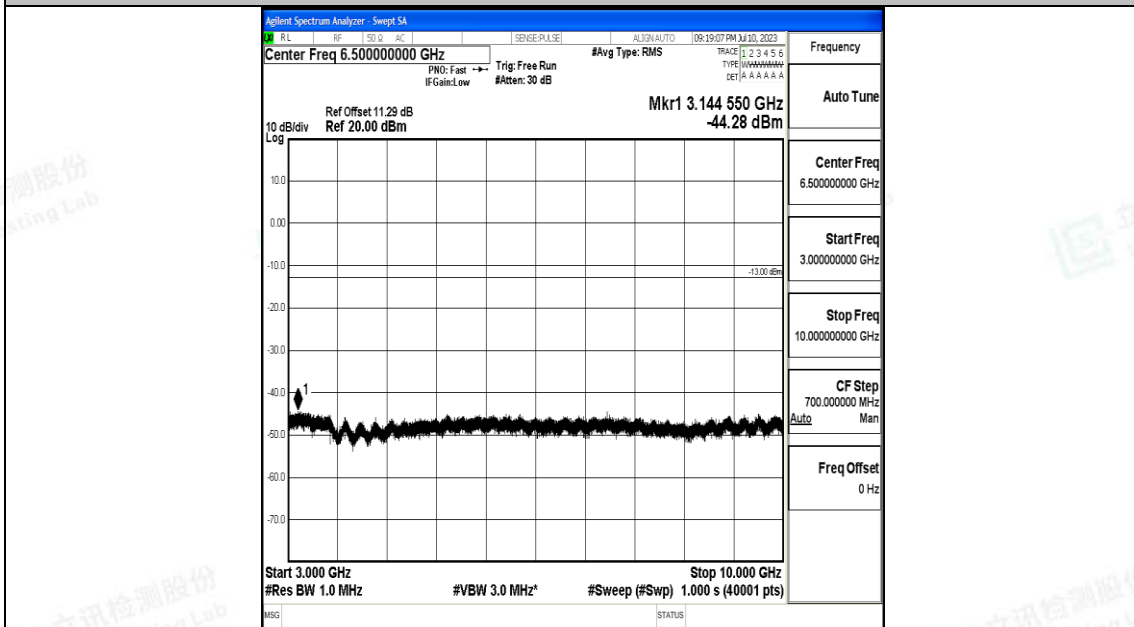


Band5\_3MHz\_16QAM\_20415\_1RB#0\_30~1000\_30~1000





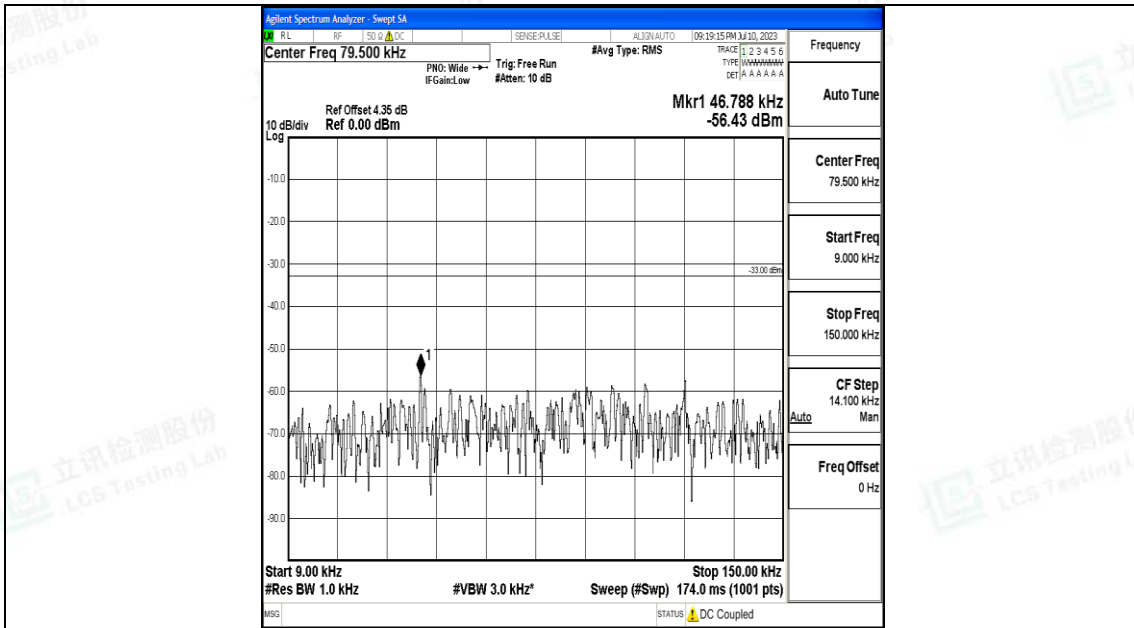
Band5\_3MHz\_16QAM\_20415\_1RB#0\_1000~3000\_1000~3000



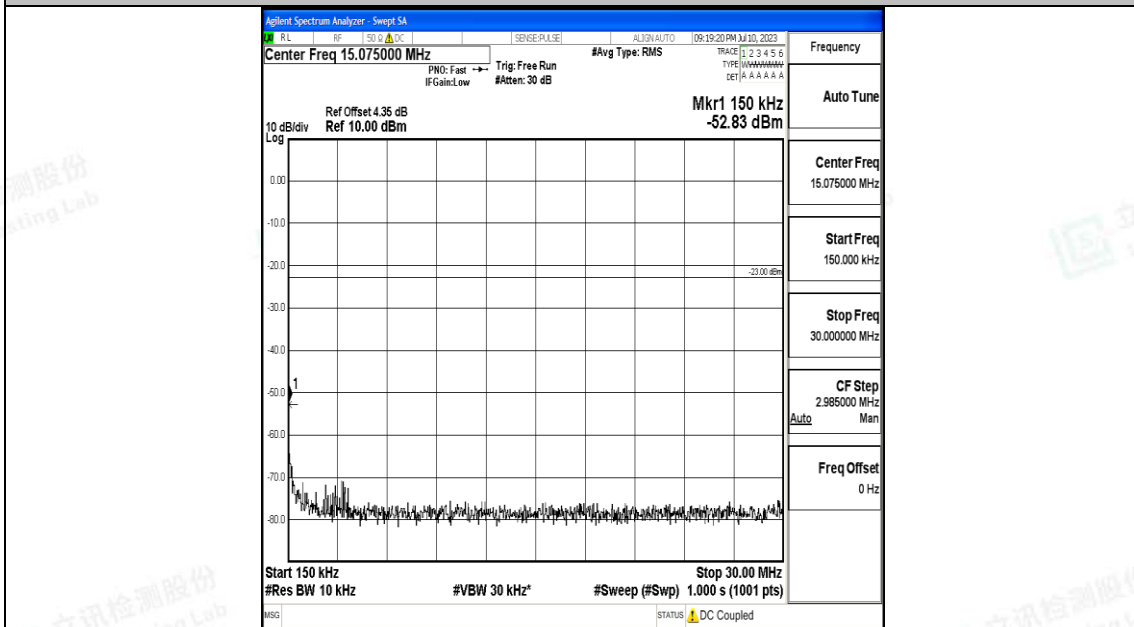
Band5\_3MHz\_16QAM\_20415\_1RB#0\_3000~10000\_3000~10000







Band5\_3MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.15



Band5\_3MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30

