



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

**Product Name: Smartphone**

**Test Model: CG65**

### Environmental Conditions

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





# H.1 Conducted Power Output Data

## Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.93	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.98	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.83	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.93	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.82	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.88	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.80	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.91	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.88	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.98	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.91	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.91	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.01	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.99	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.89	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.99	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.89	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.03	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.94	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.93	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.84	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.83	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.68	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.76	PASS



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



Band5	1.4MHz	QPSK	20643	3RB#1	22.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.73	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.90	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.84	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.78	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.02	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.83	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.94	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.78	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.97	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.80	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.86	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.85	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.87	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.85	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.87	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.80	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.77	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.93	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.19	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.93	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.05	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.87	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.01	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.87	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.91	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.88	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.92	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.82	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.92	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.89	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.83	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.82	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.94	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.82	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.78	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.72	PASS





Band5	3MHz	QPSK	20635	8RB#0	21.90	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.92	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.88	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.93	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.85	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.86	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.83	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.91	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.93	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.83	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.79	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.82	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.82	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.84	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.82	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.80	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.74	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.81	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.85	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.09	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.96	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.14	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.82	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.01	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.85	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.88	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.85	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.92	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.87	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.93	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.86	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.86	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.00	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.06	PASS





Band5	5MHz	QPSK	20625	1RB#24	22.77	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.76	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.86	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.84	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.86	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.90	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.86	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.85	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.86	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.97	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.85	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.01	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.96	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.07	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.86	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.07	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.00	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.99	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.97	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.95	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.94	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.96	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.94	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.94	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.89	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.08	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.02	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.22	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.89	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.03	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.96	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.97	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.94	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.97	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.99	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.00	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.93	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.92	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.81	PASS





Band5	10MHz	QPSK	20600	1RB#24	22.97	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.86	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.72	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.69	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.00	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.06	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.98	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.03	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.98	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.98	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.00	PASS



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Scan code to check authenticity



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

#### Test Result

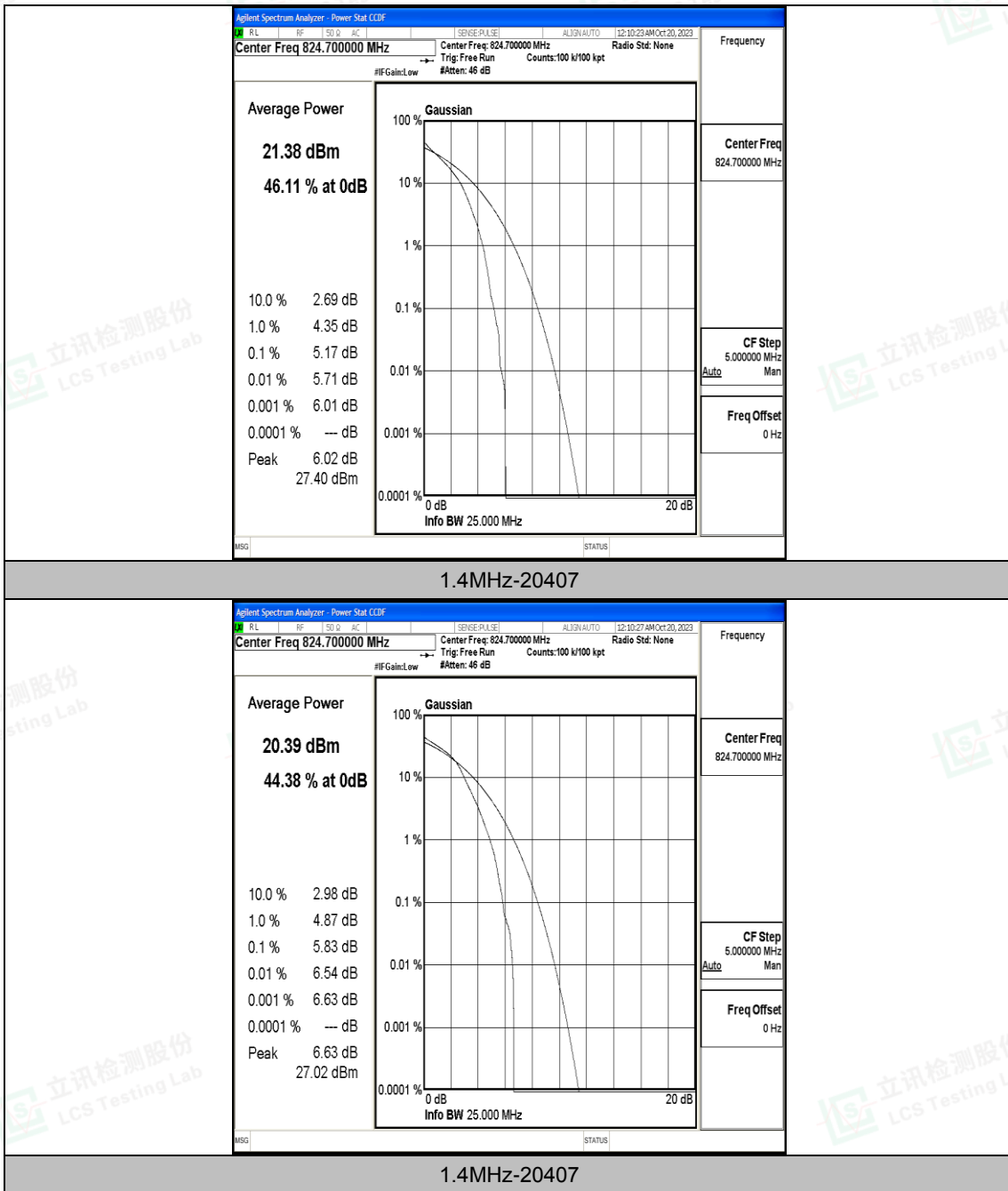
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.17	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.83	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.18	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.13	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.07	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.06	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.87	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.55	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.33	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.10	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.81	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.59	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.24	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.37	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.24	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.95	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.08	13	PASS



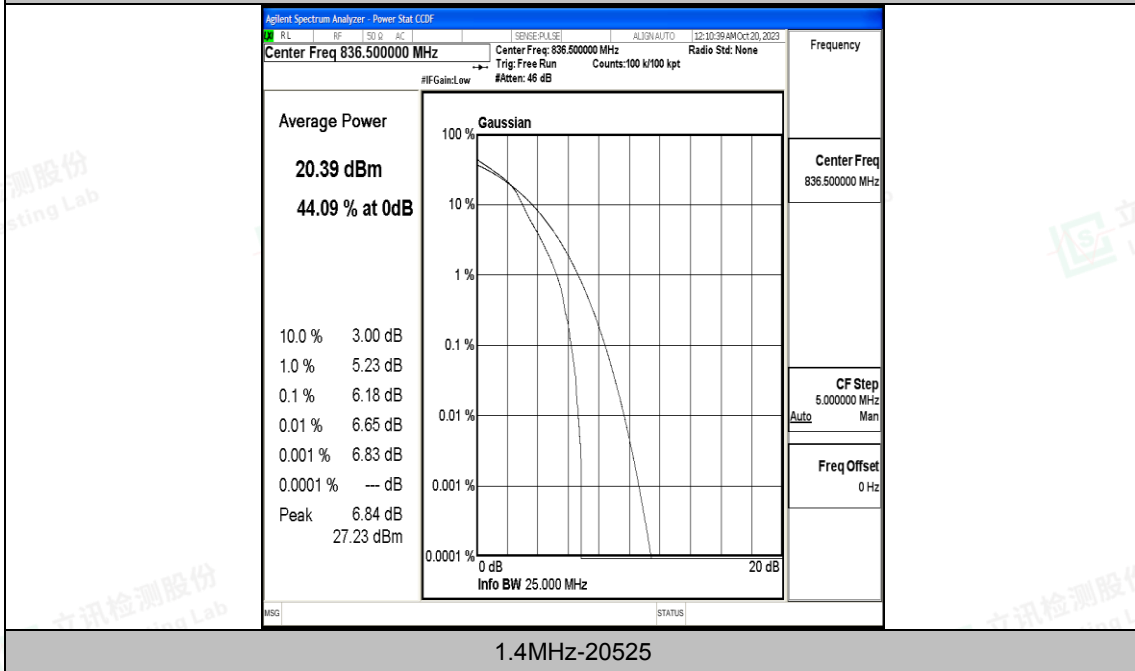
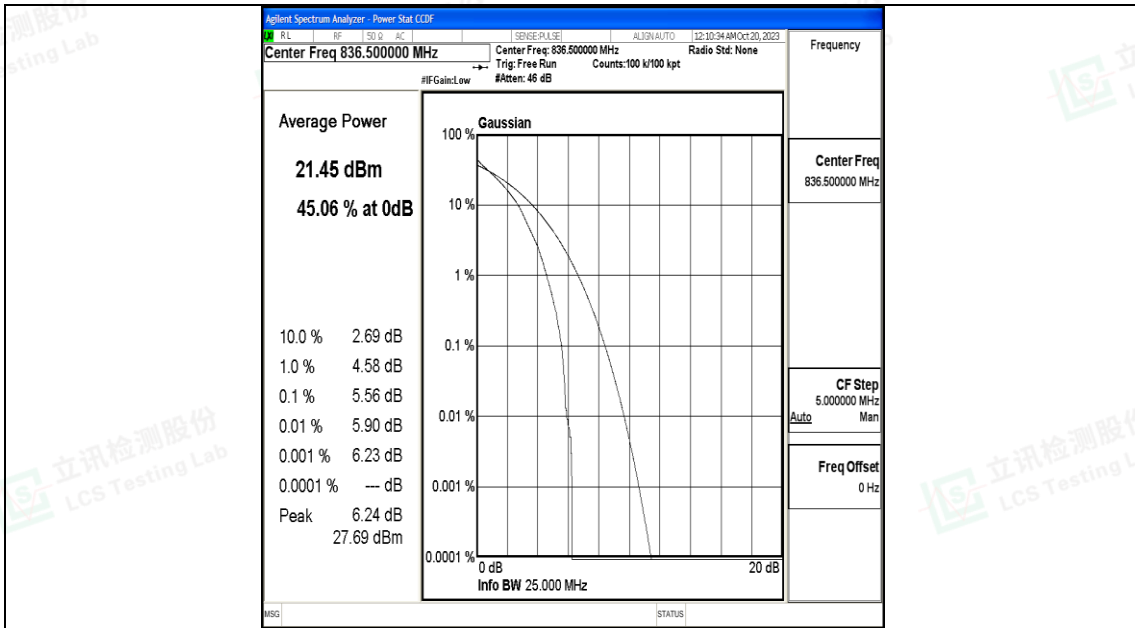
Shenzhen LCS Compliance Testing Laboratory Ltd.  
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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

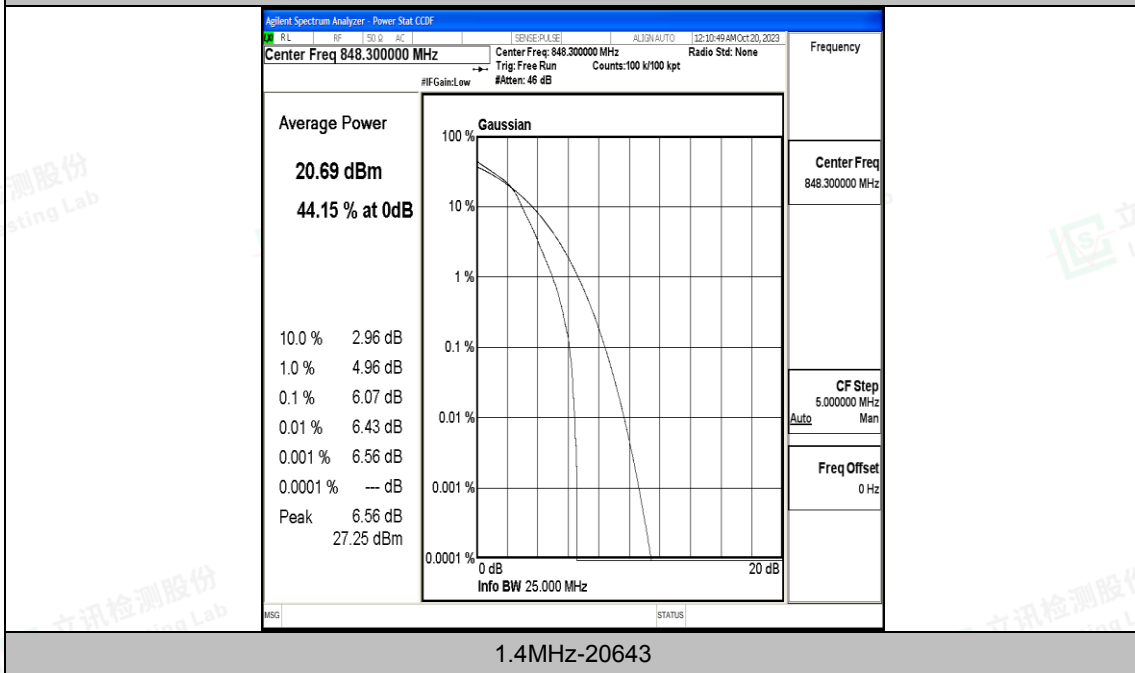
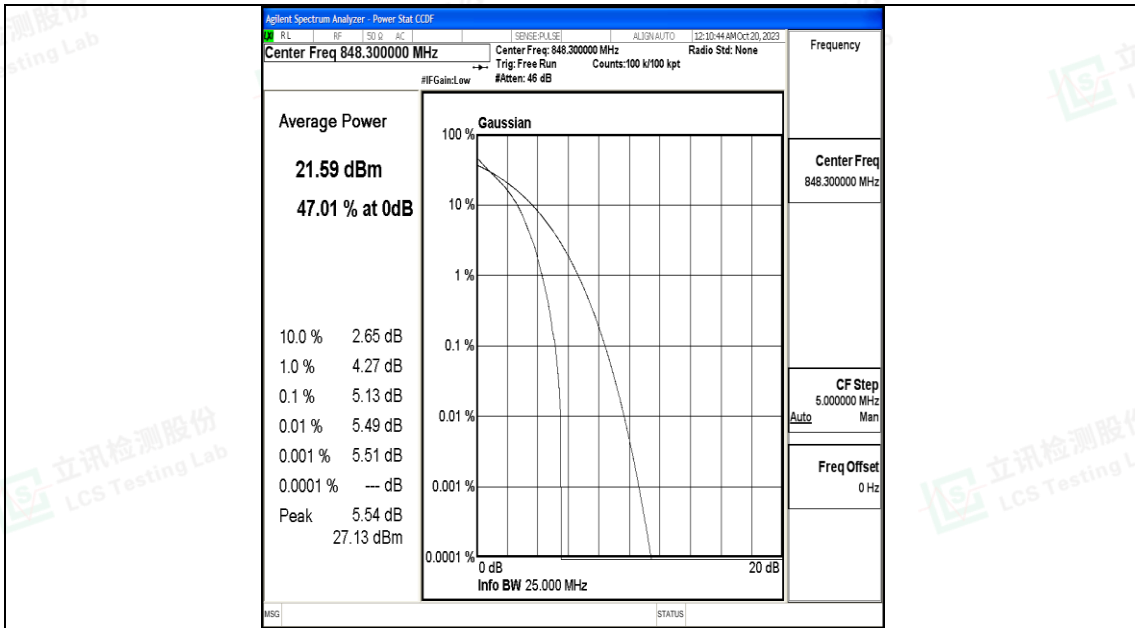


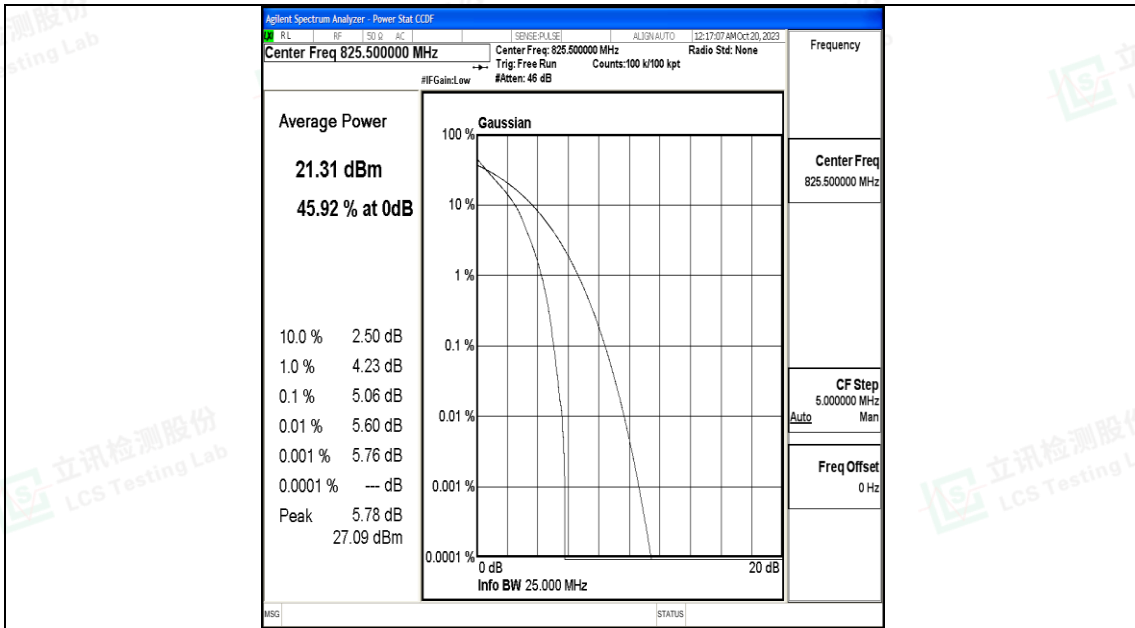
### Test Graphs



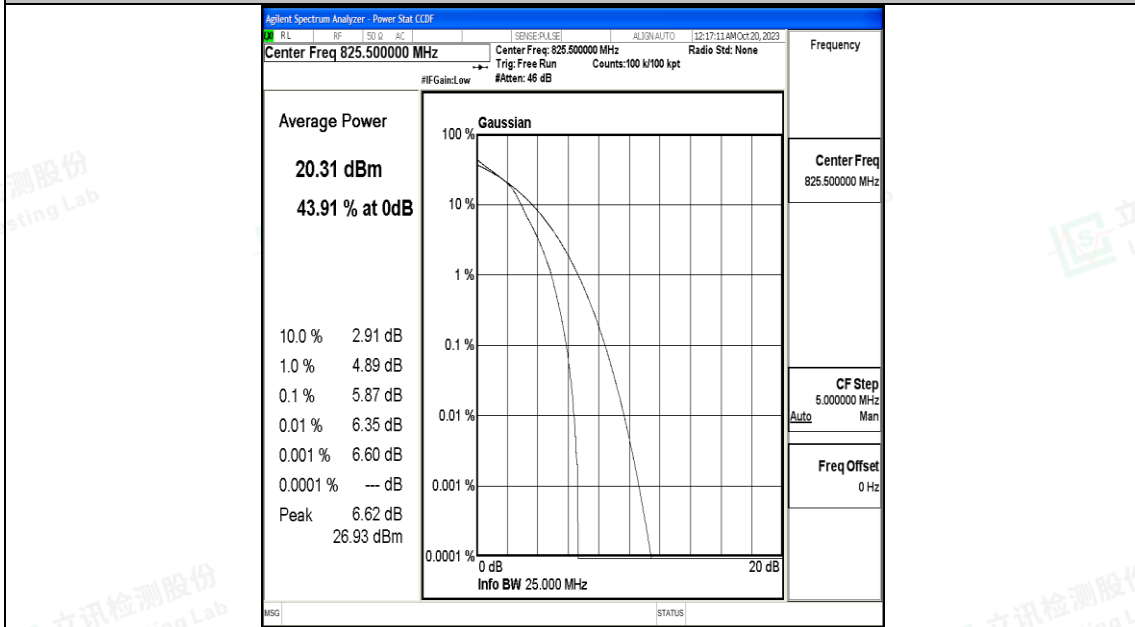






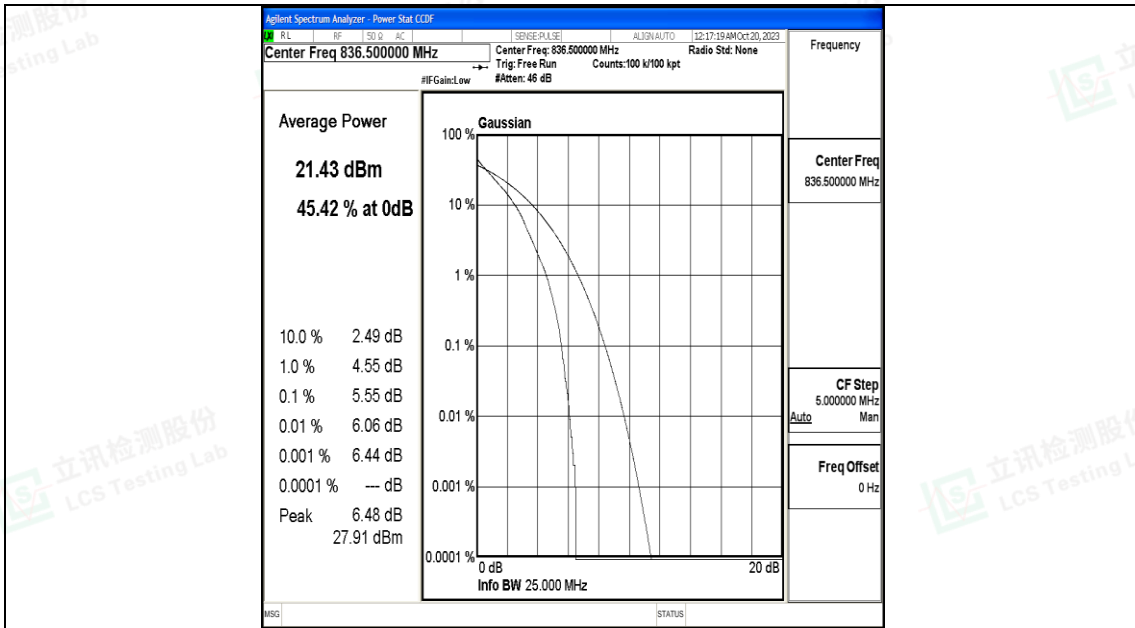


3MHz-20415

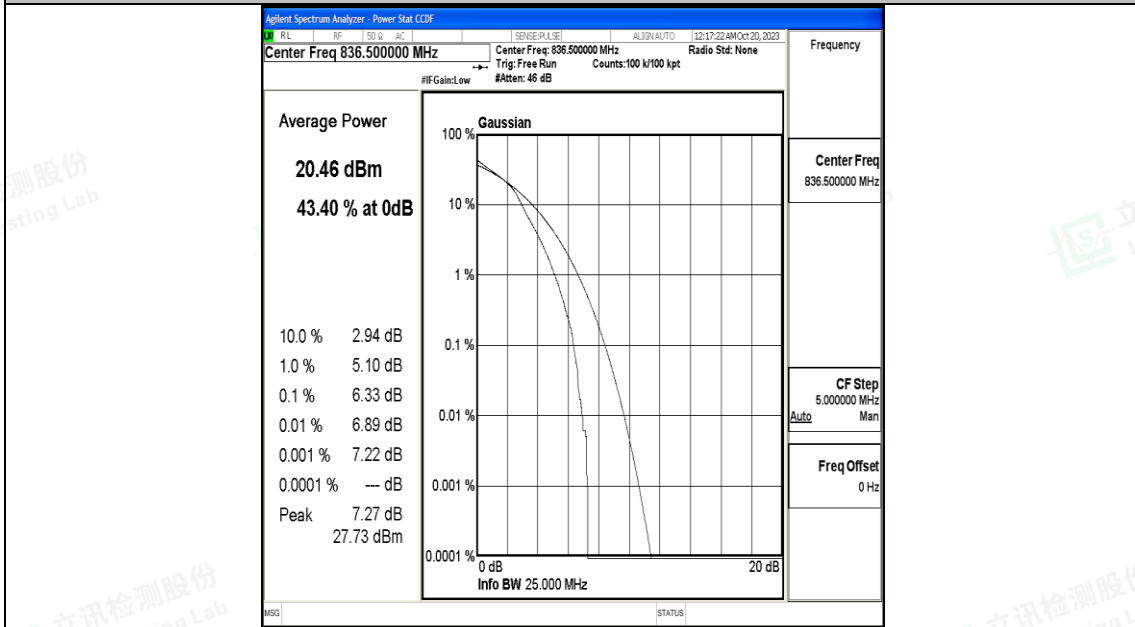


3MHz-20415



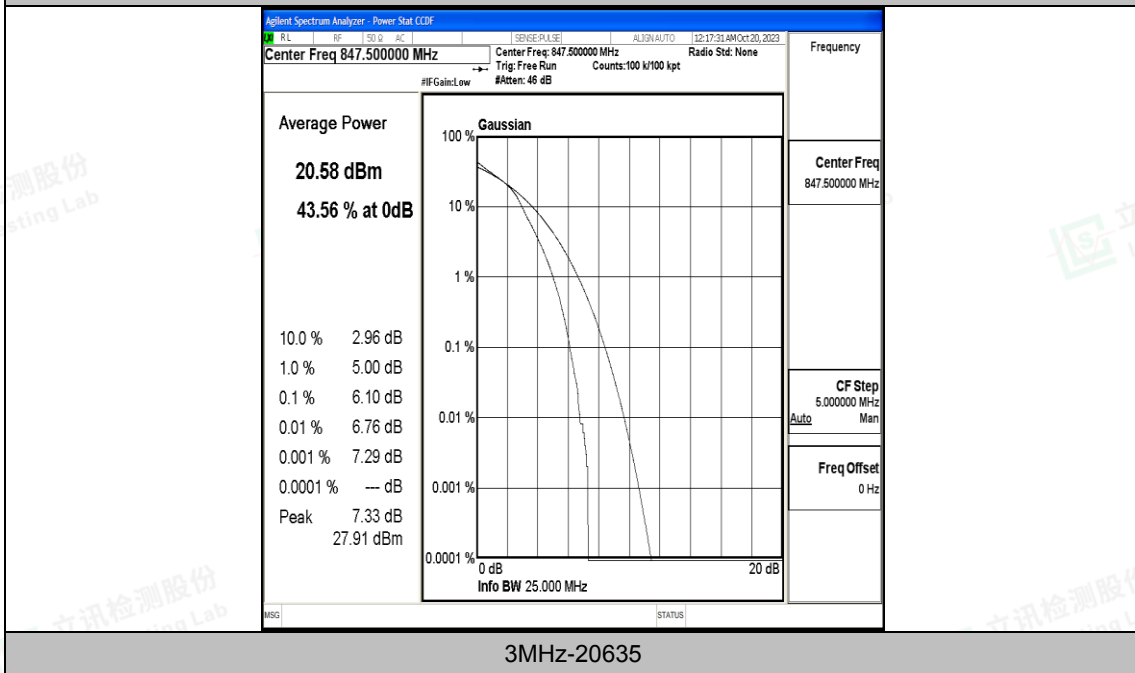
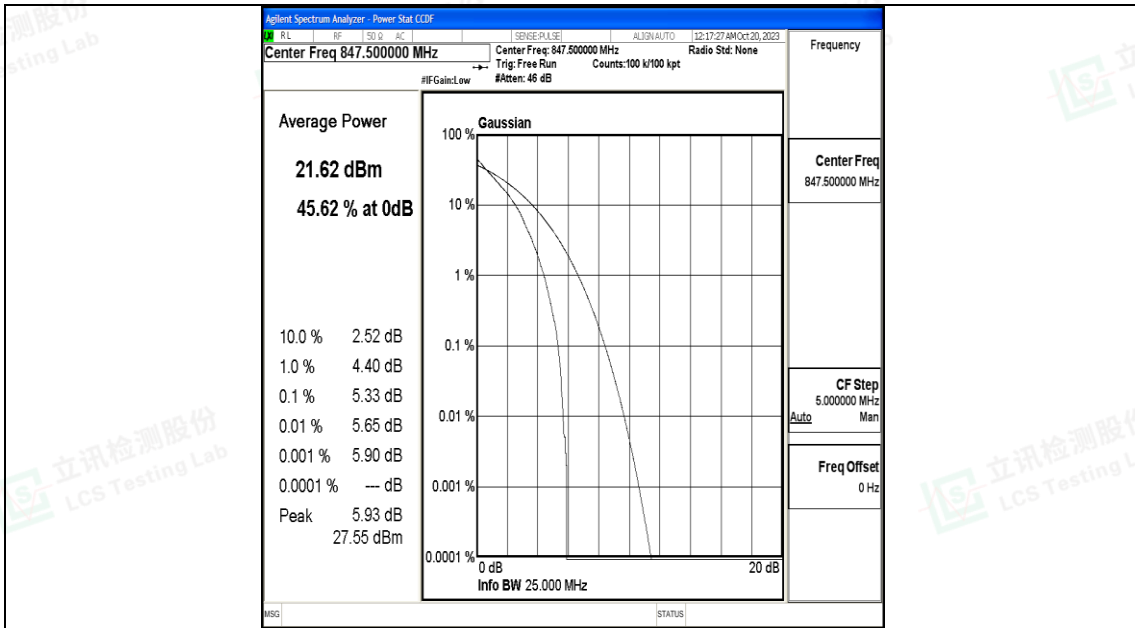


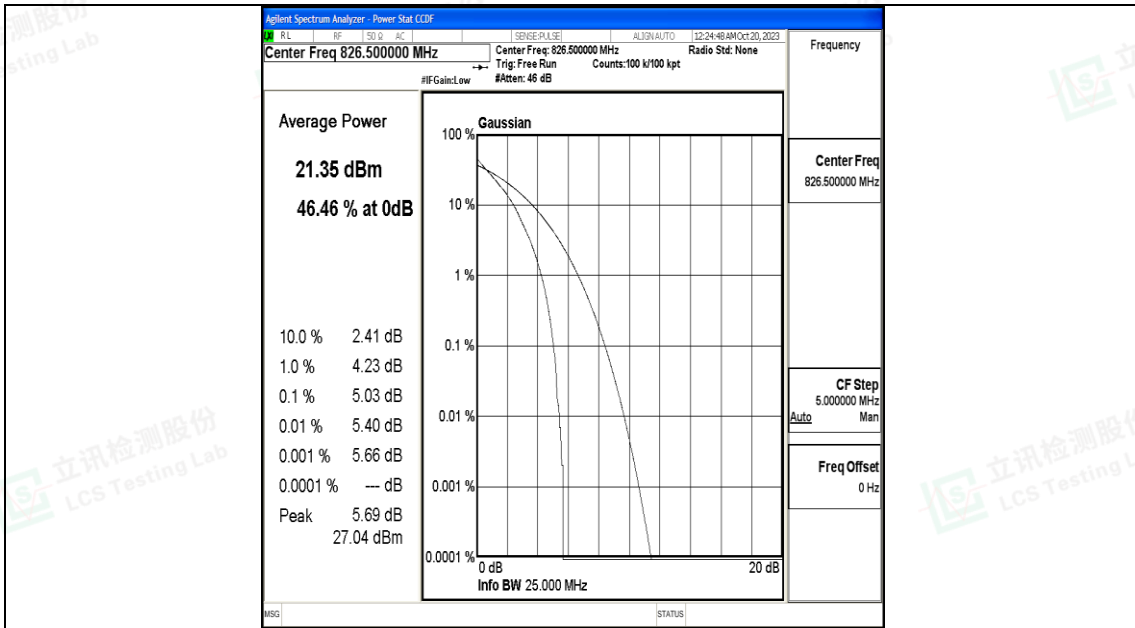
3MHz-20525



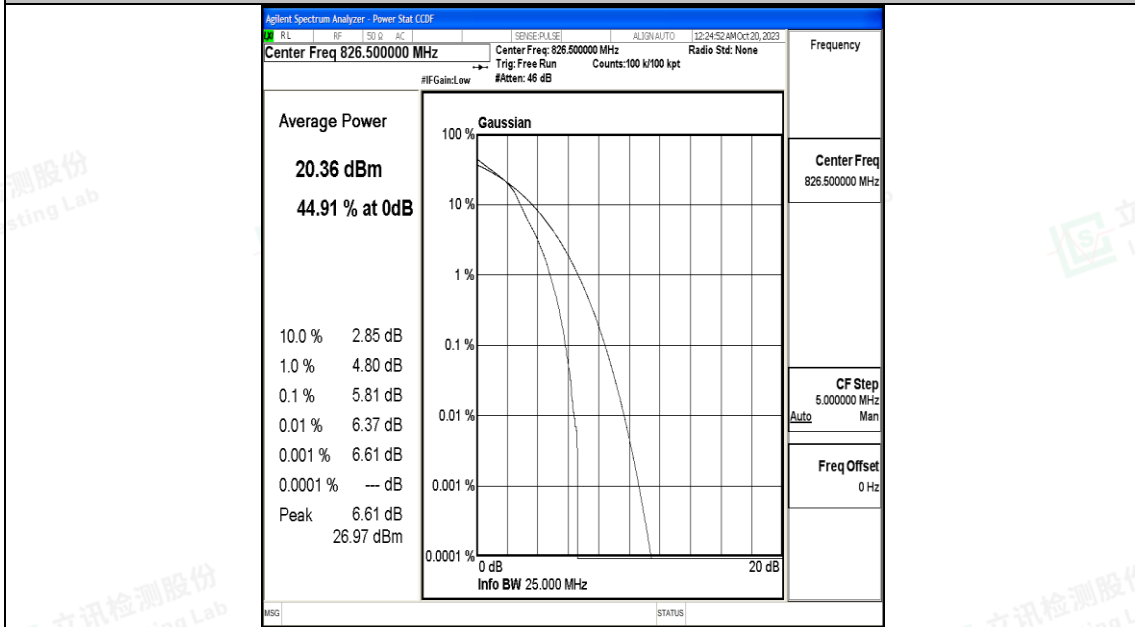
3MHz-20525





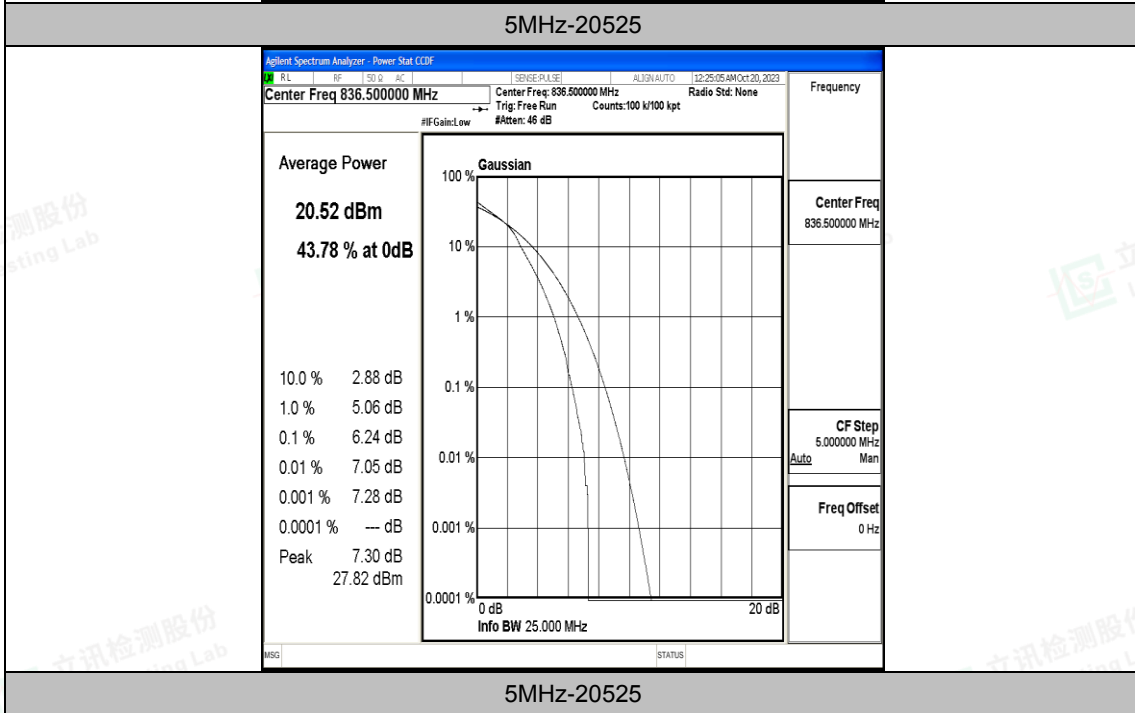
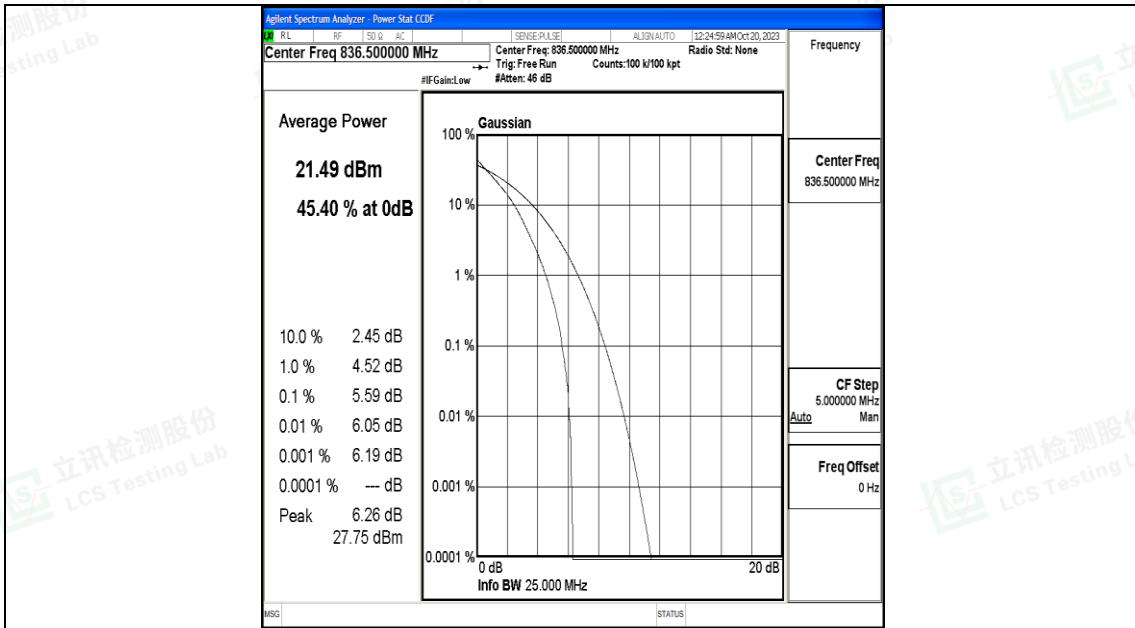


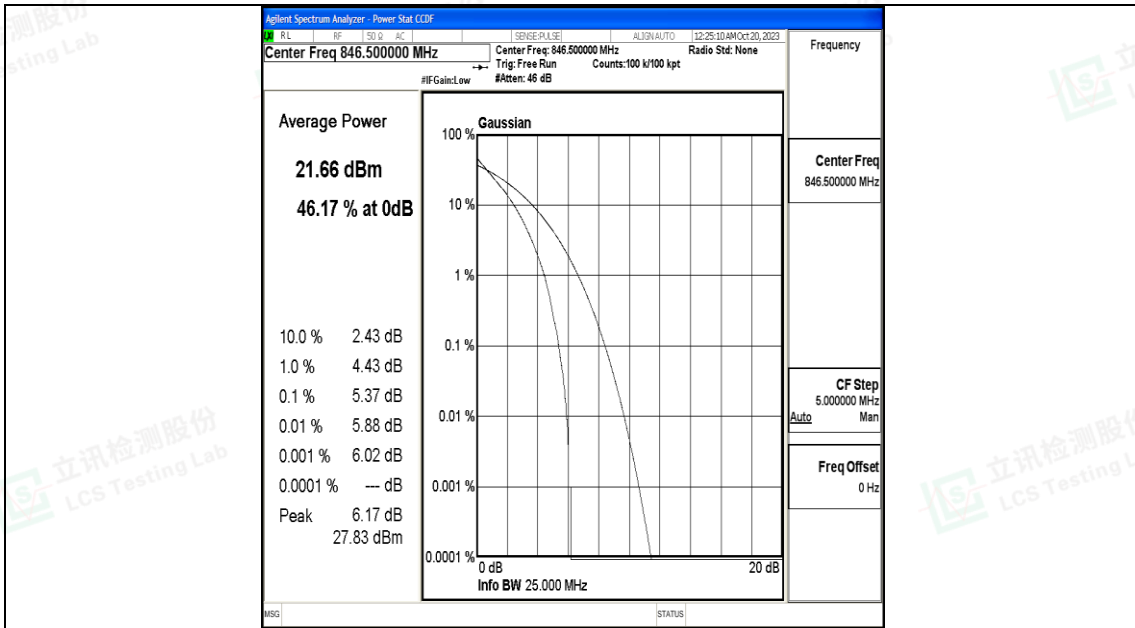
5MHz-20425



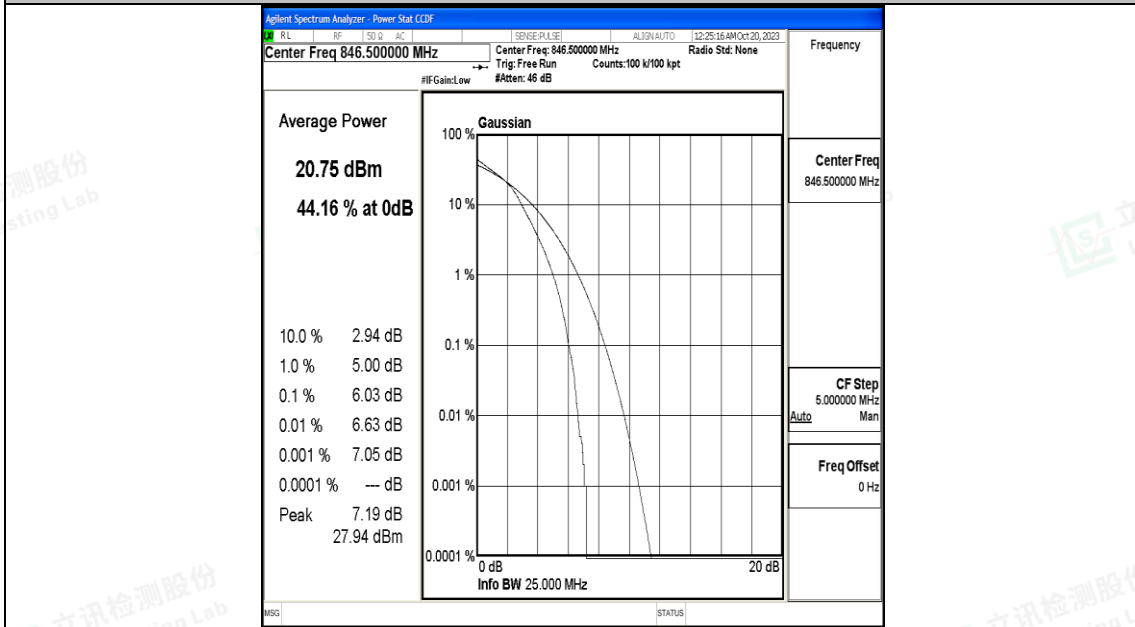
5MHz-20425







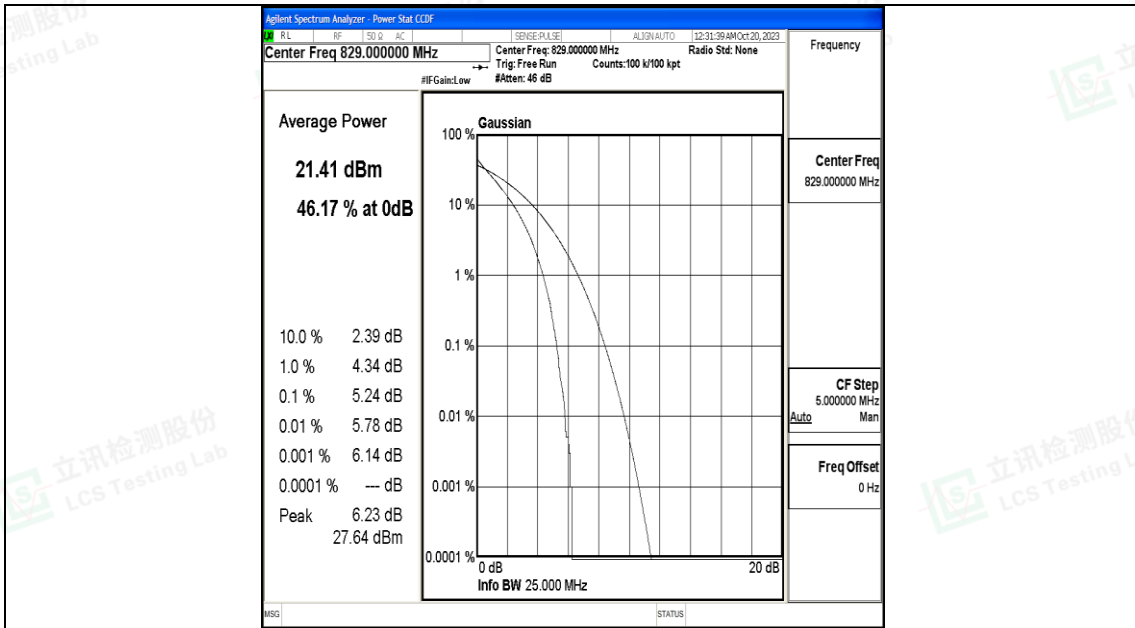
5MHz-20625



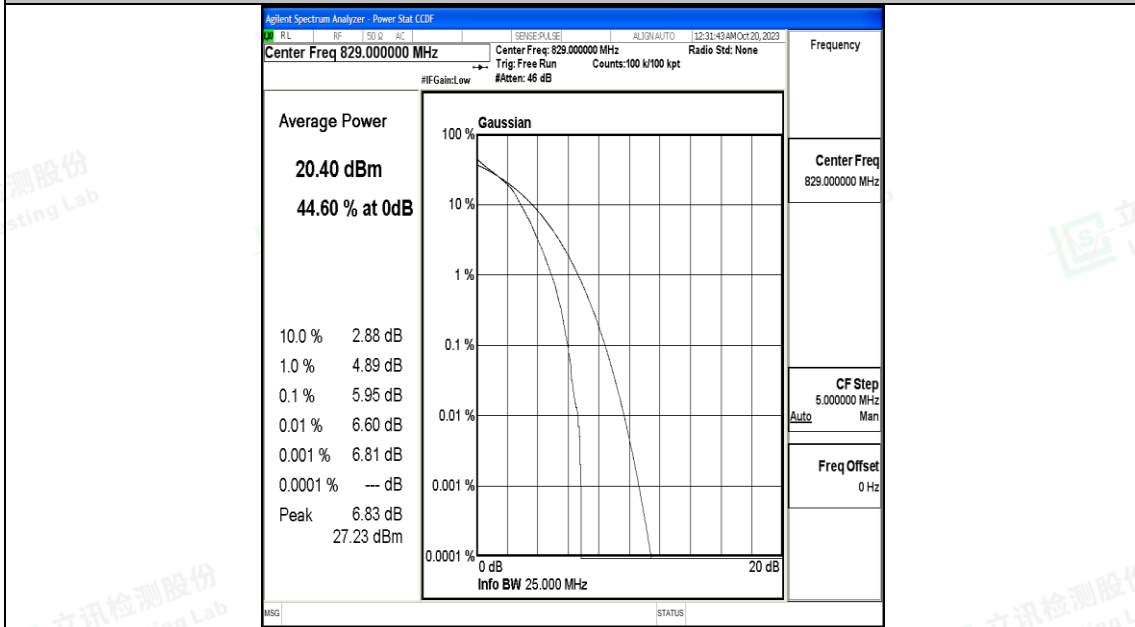
5MHz-20625





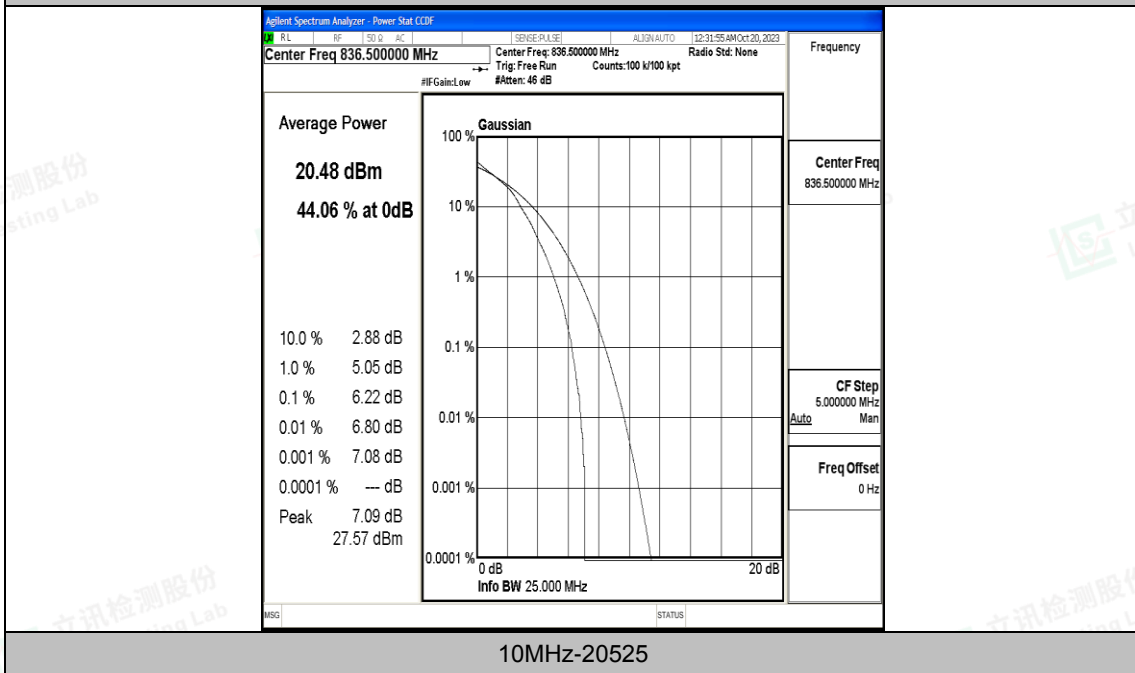
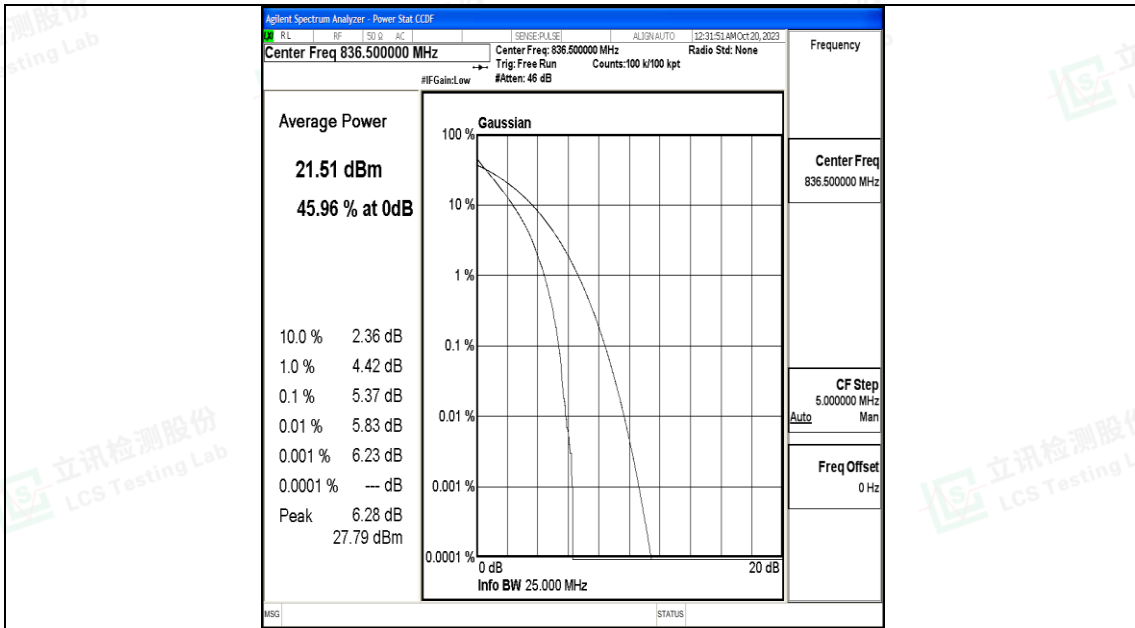


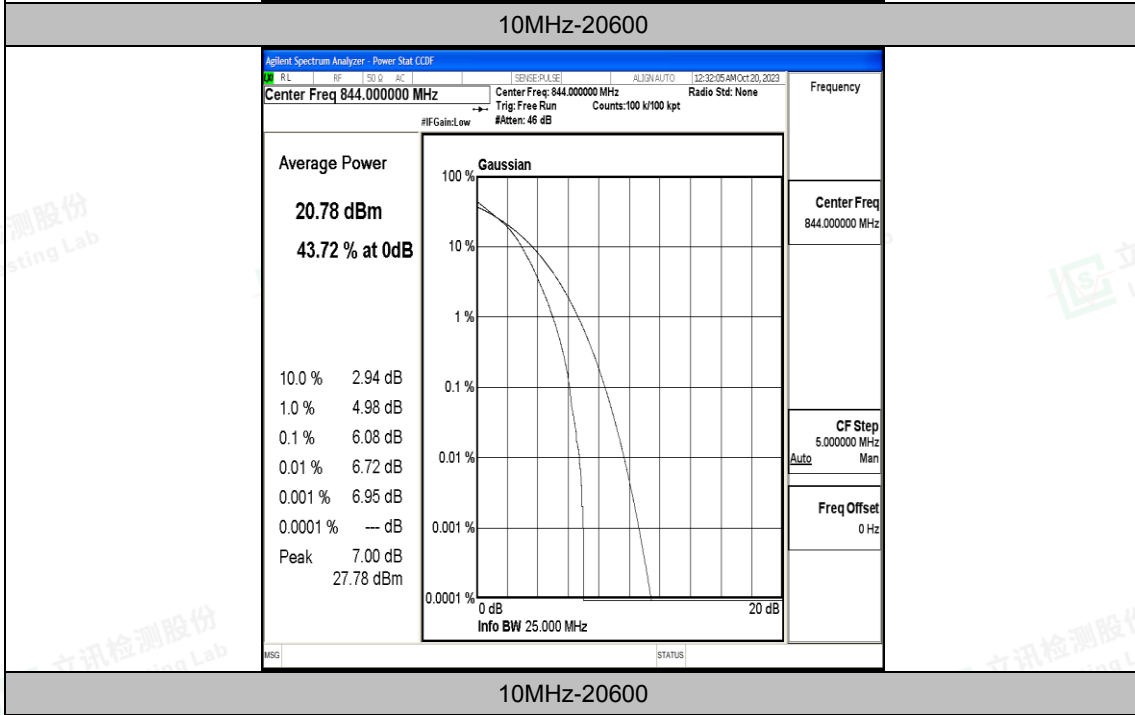
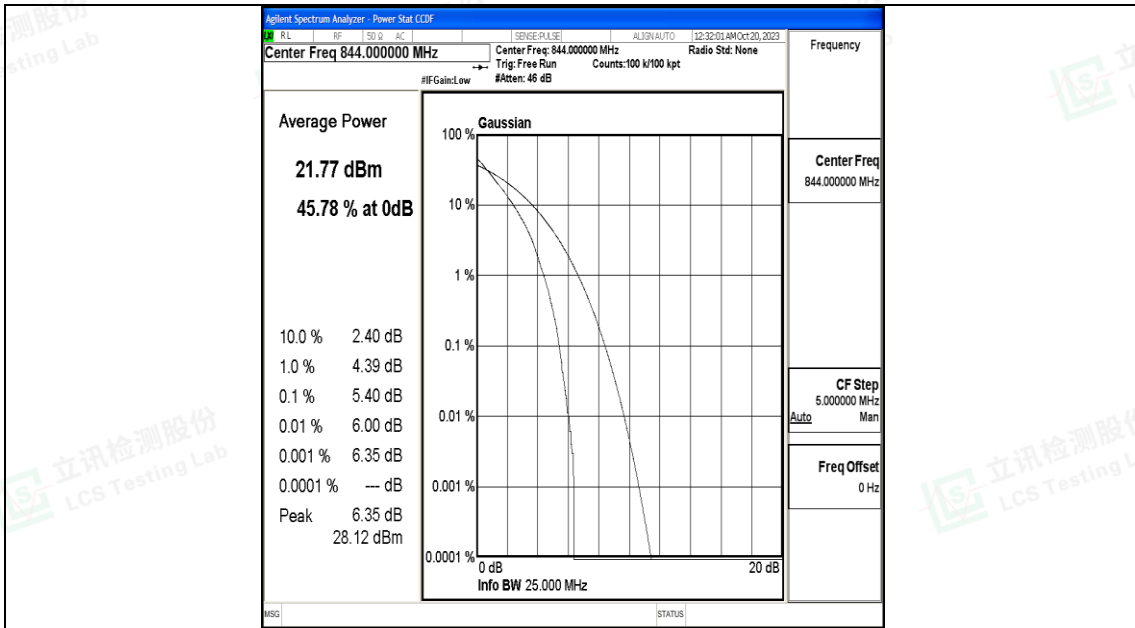
10MHz-20450



10MHz-20450









## H.3 26dB Bandwidth and Occupied Bandwidth

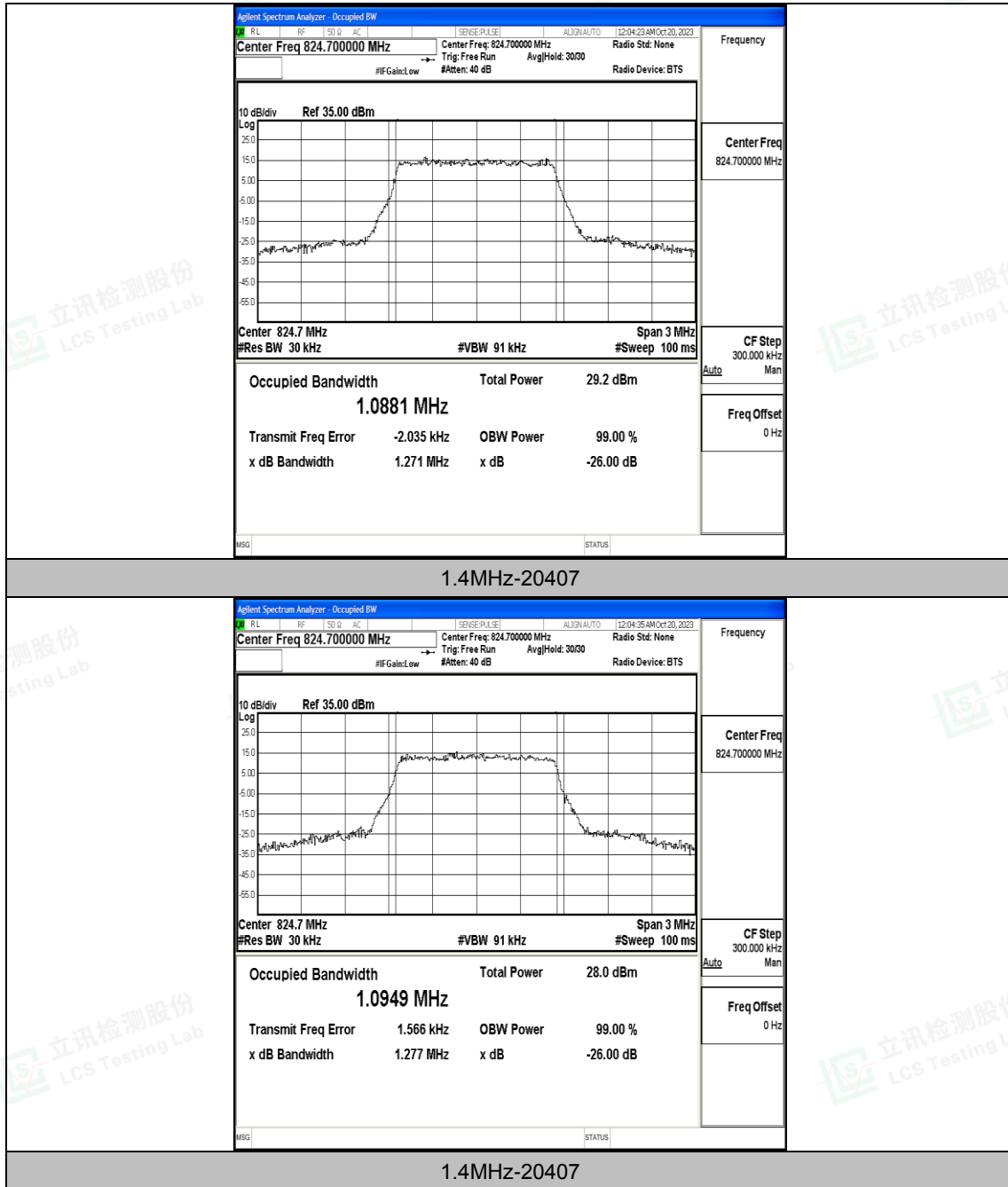
### Test Result

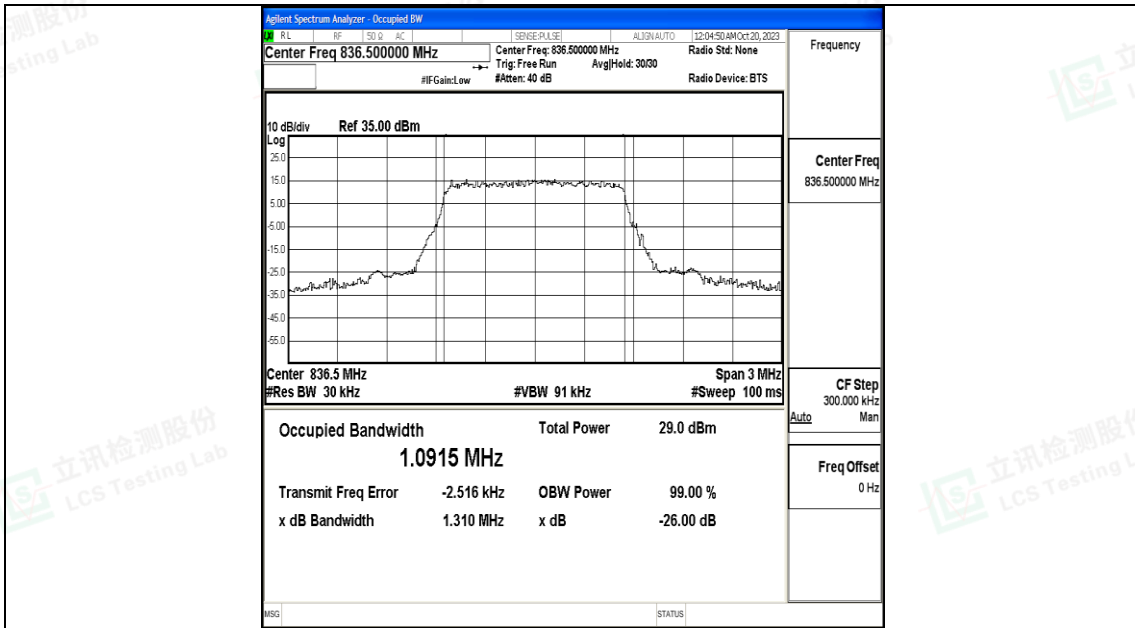
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0881	1.271	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0949	1.277	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0915	1.310	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0877	1.271	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0941	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0961	1.305	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6817	2.900	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6751	2.927	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6901	2.897	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6860	2.910	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6893	2.899	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6889	2.897	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4937	4.930	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4886	4.923	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4956	4.924	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4955	5.038	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4952	4.923	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4945	4.903	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9914	9.846	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9819	9.730	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9737	10.13	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9805	10.05	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9800	9.722	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9921	9.722	PASS



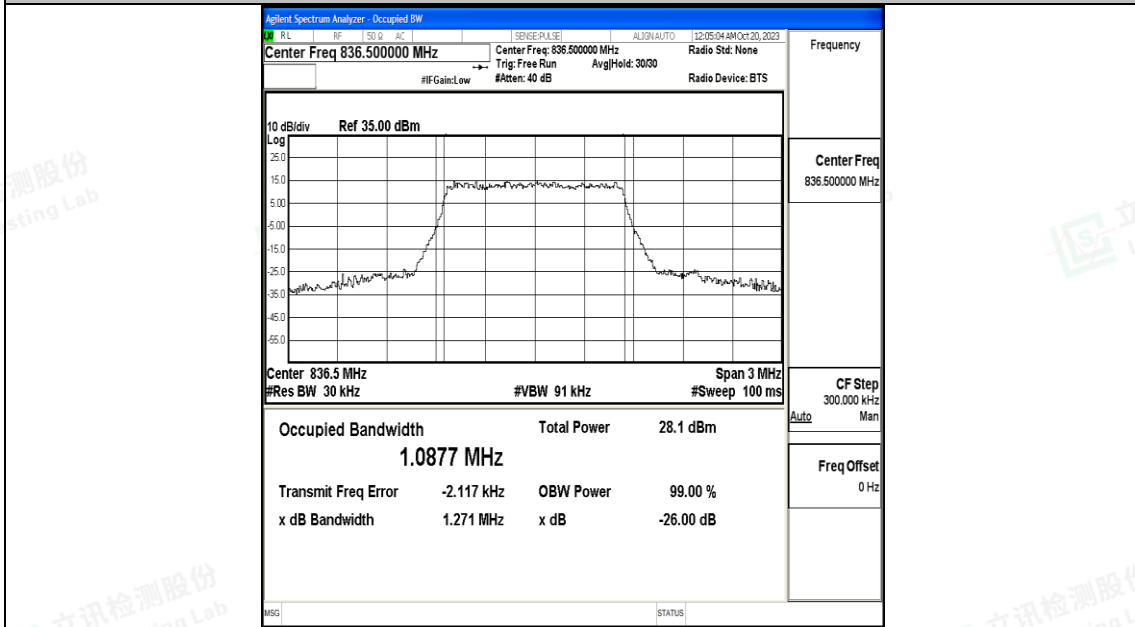


### Test Graphs



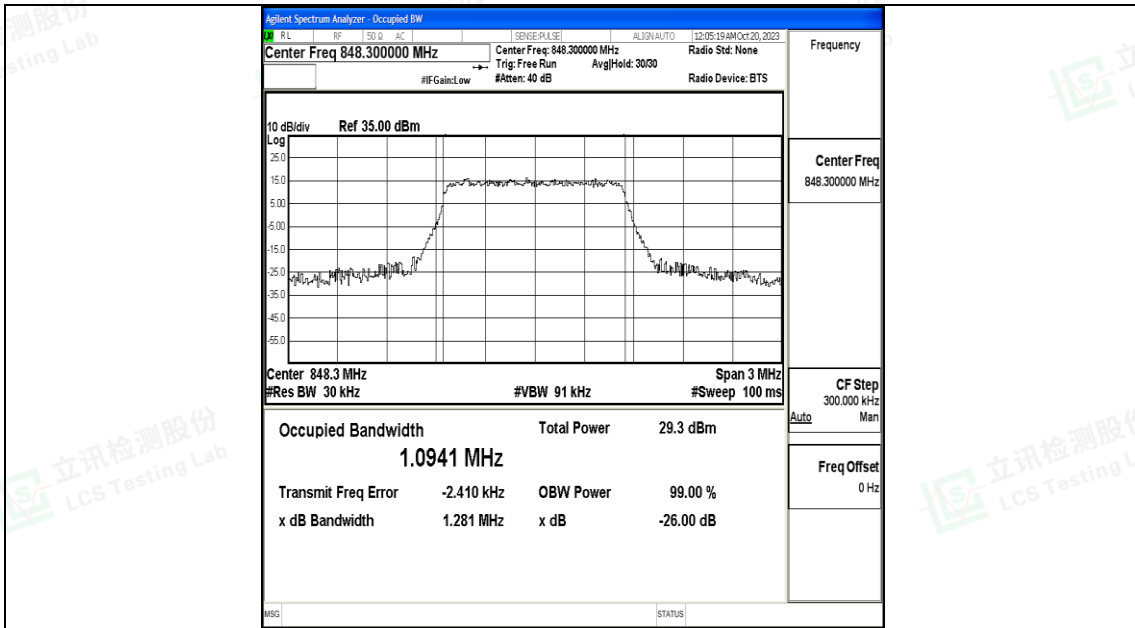


1.4MHz-20525

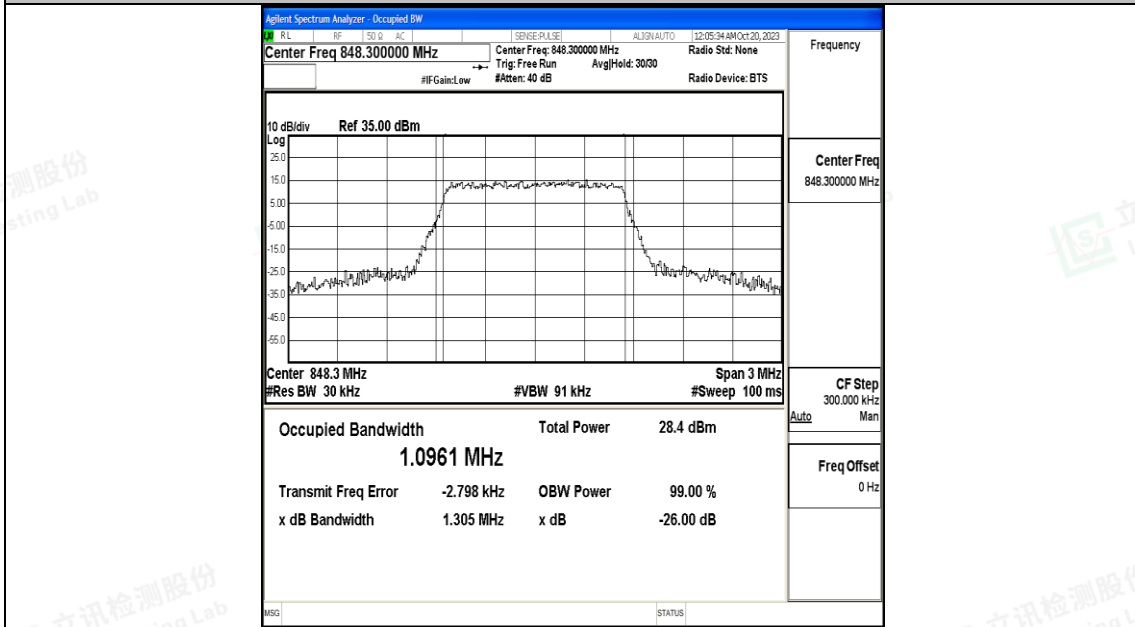


1.4MHz-20525



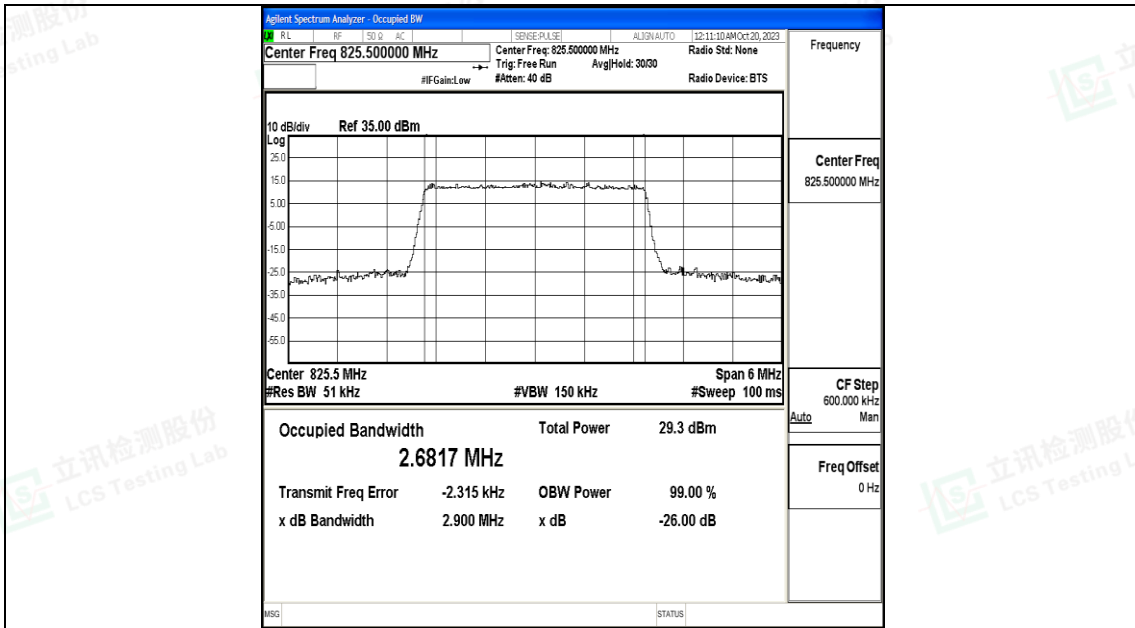


1.4MHz-20643

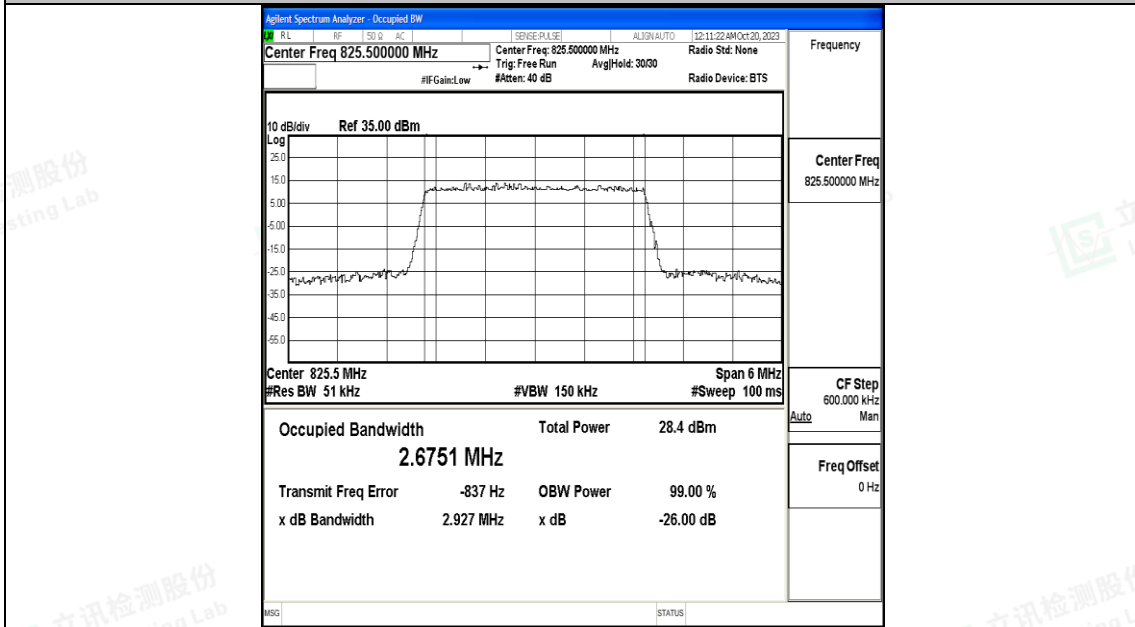


1.4MHz-20643





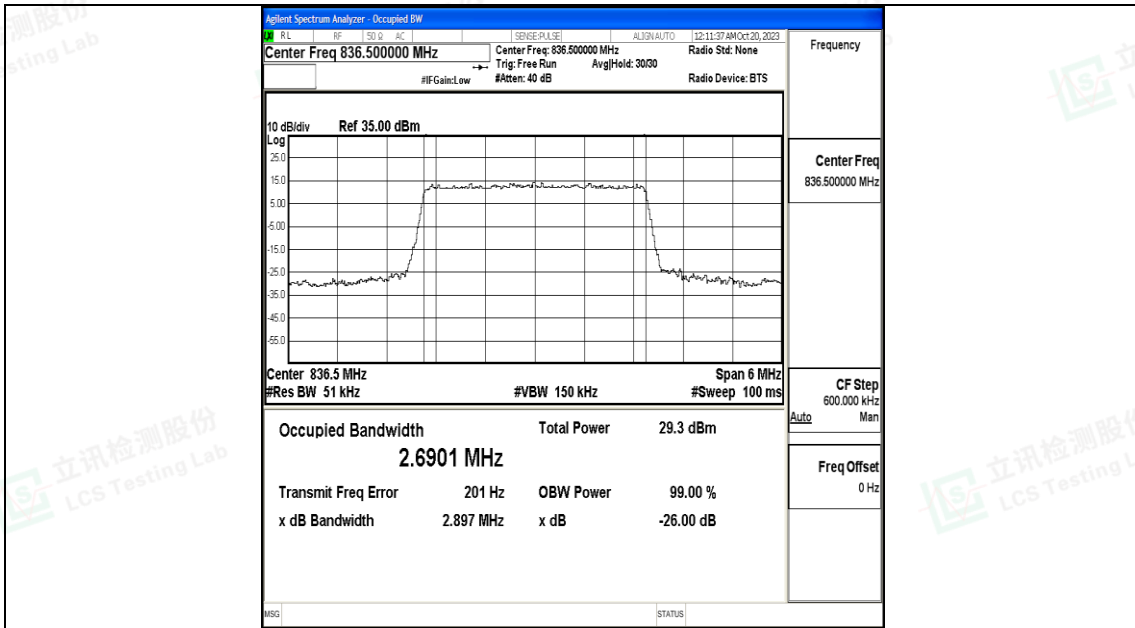
3MHz-20415



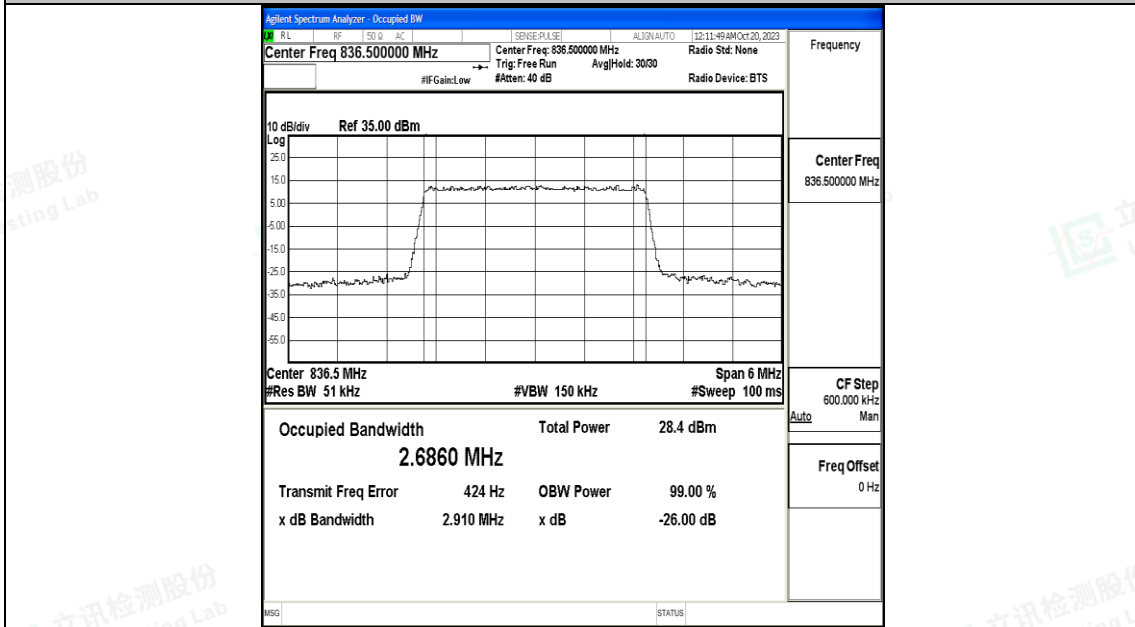
3MHz-20415





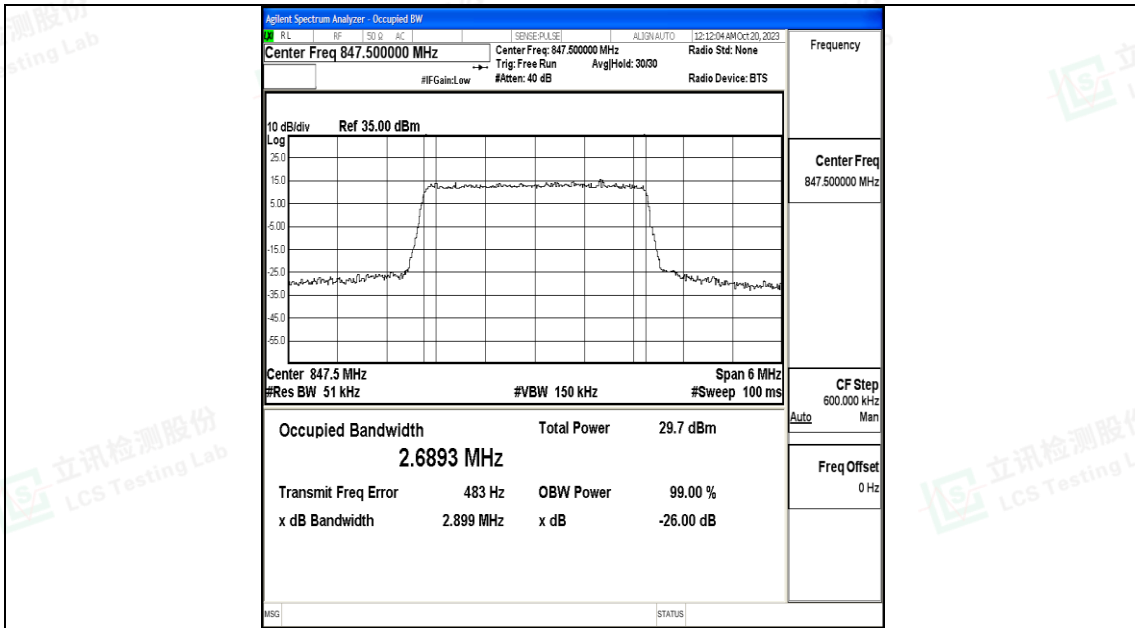


3MHz-20525



3MHz-20525



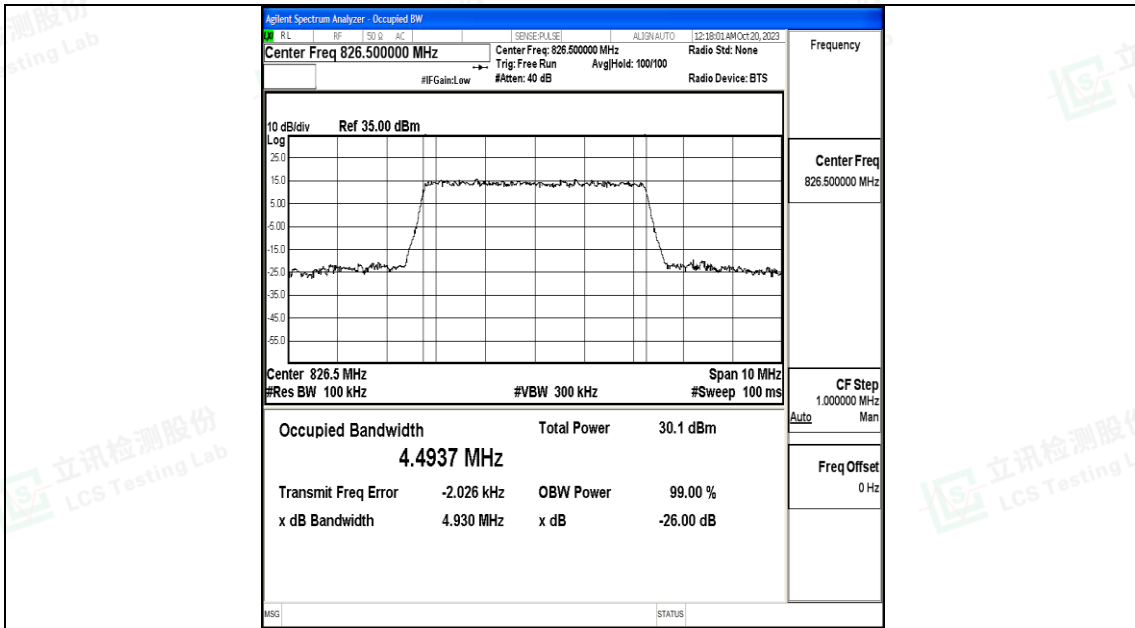


3MHz-20635

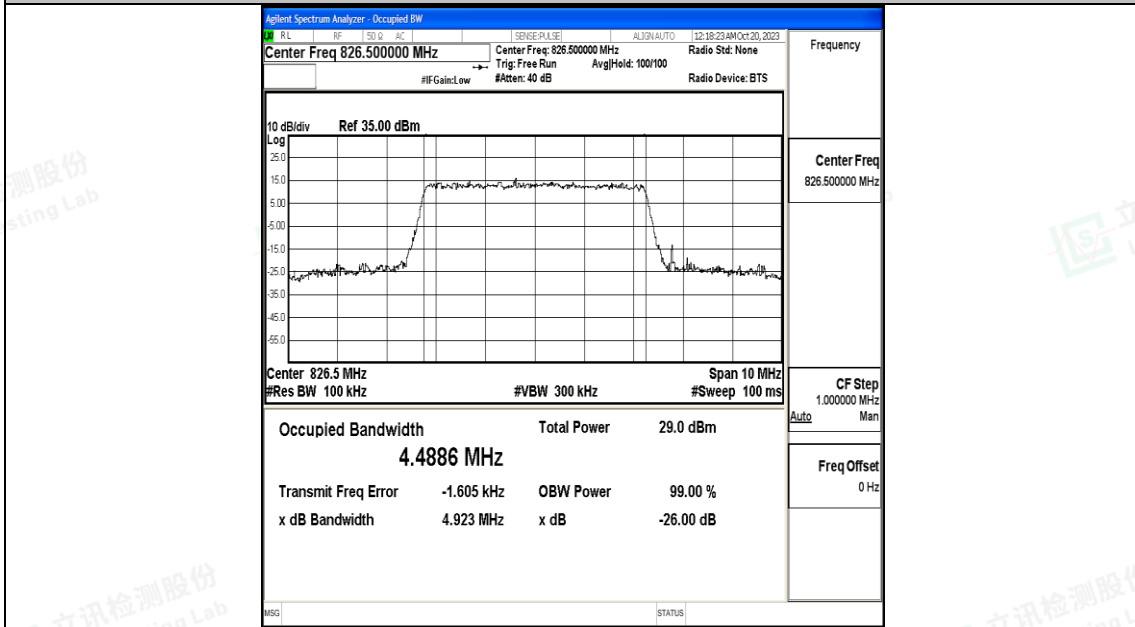


3MHz-20635



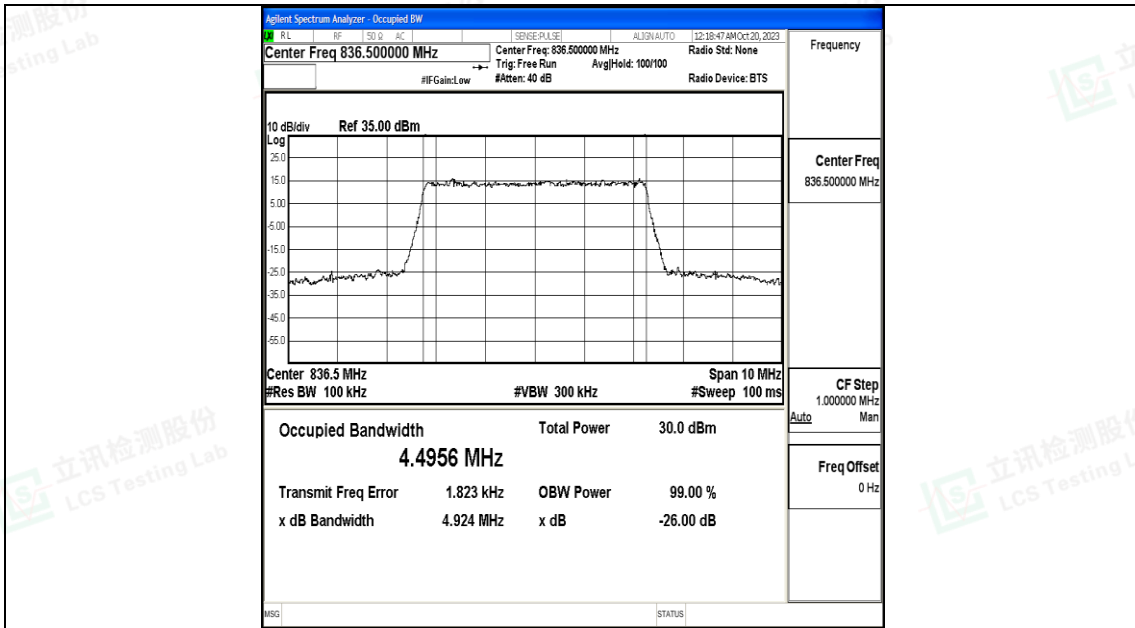


5MHz-20425

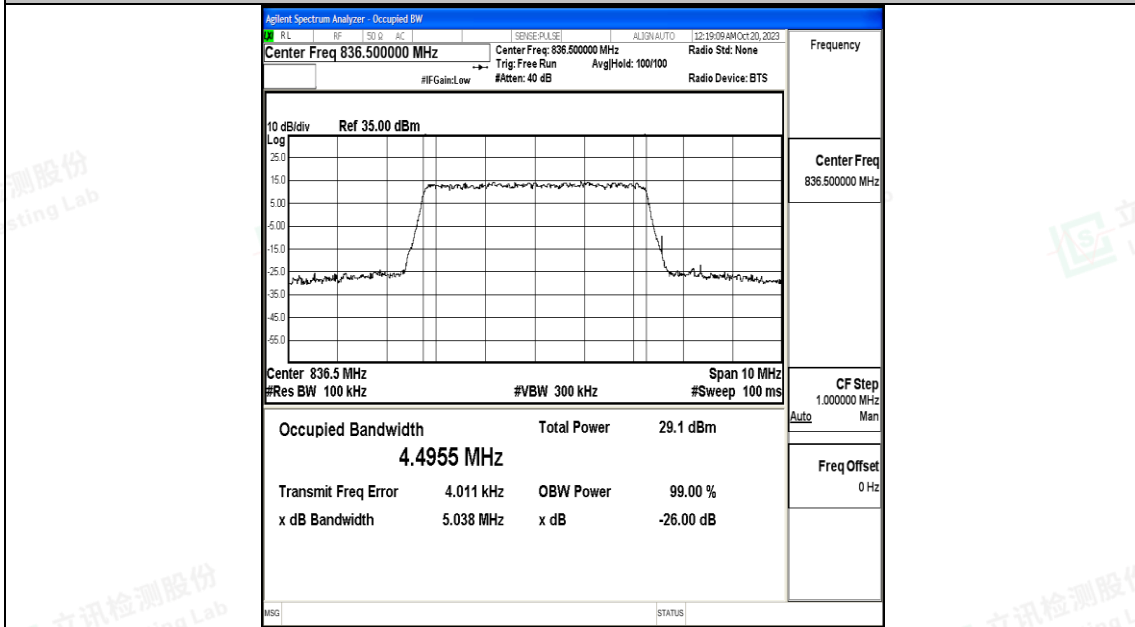


5MHz-20425



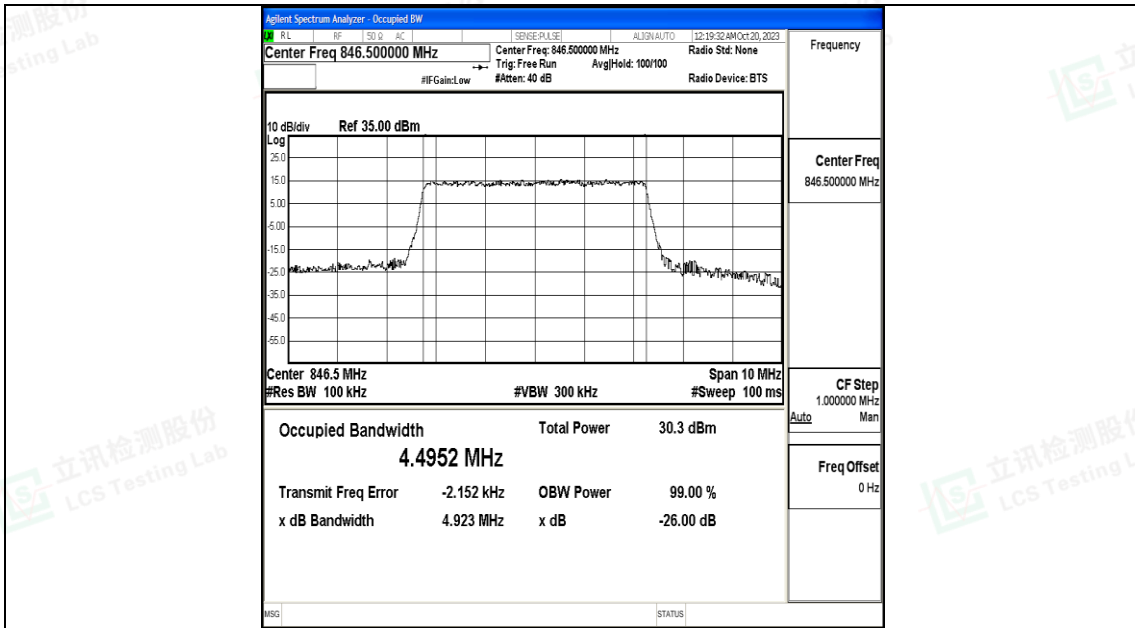


5MHz-20525

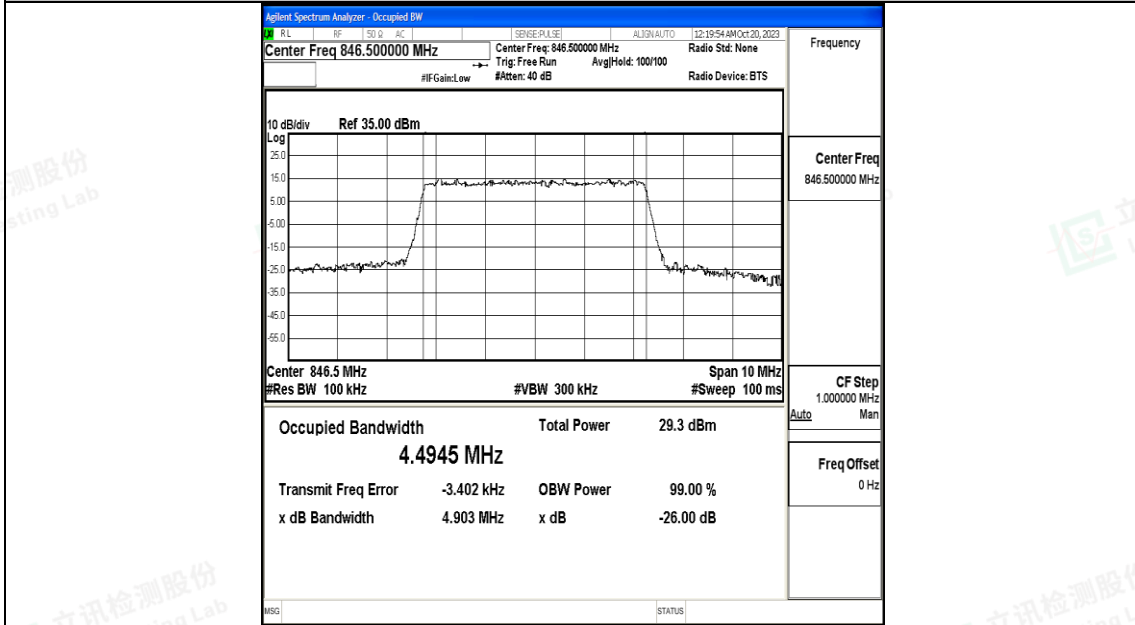


5MHz-20525



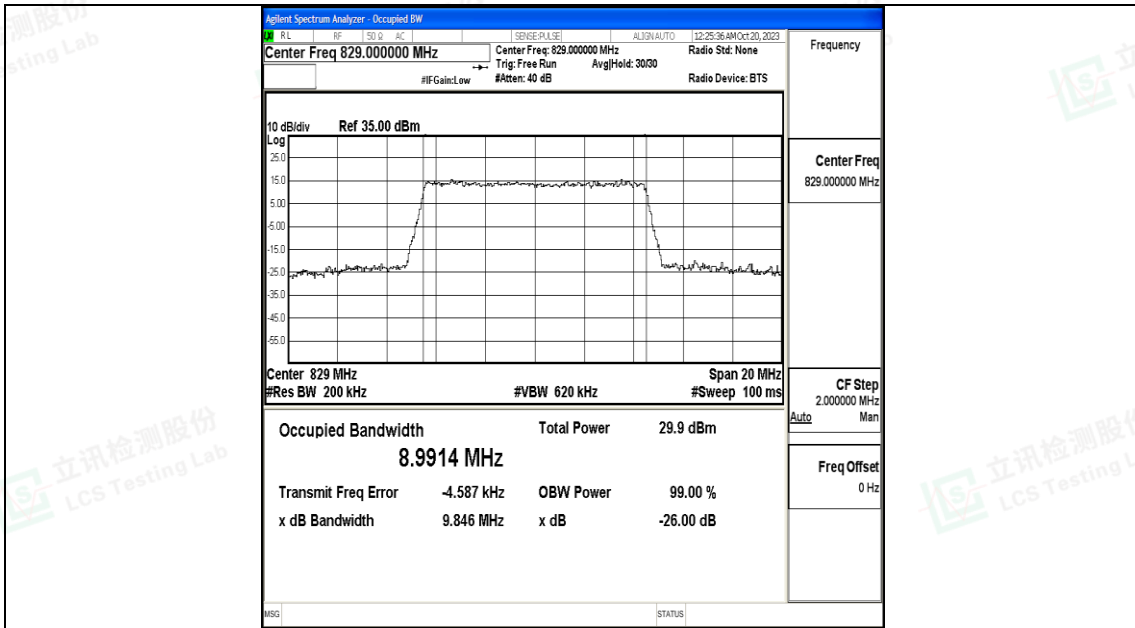


5MHz-20625

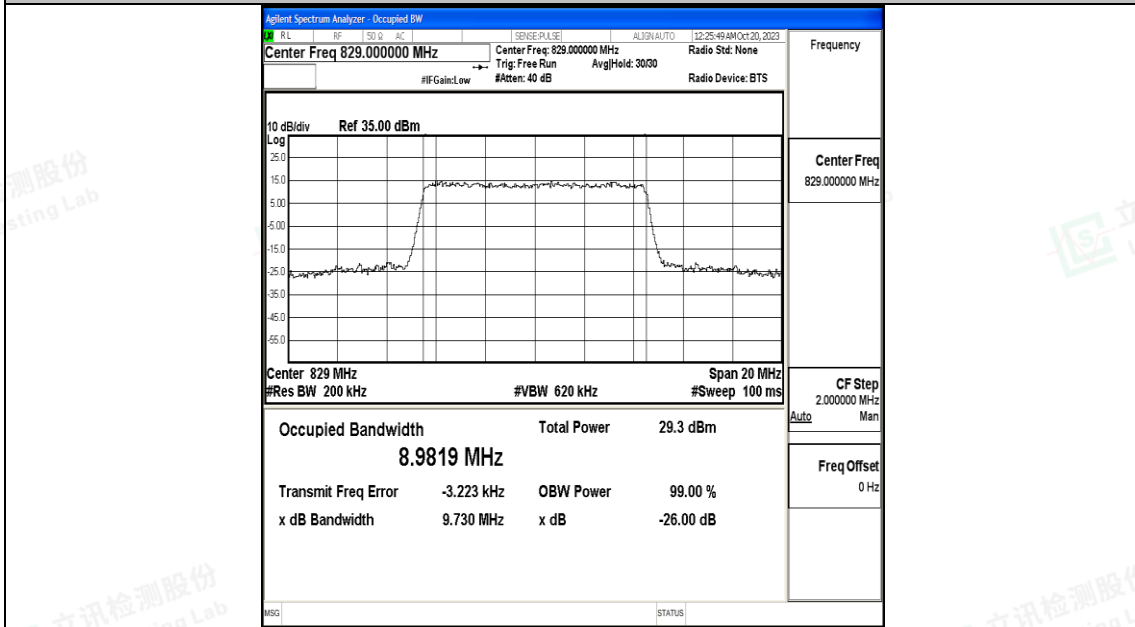


5MHz-20625



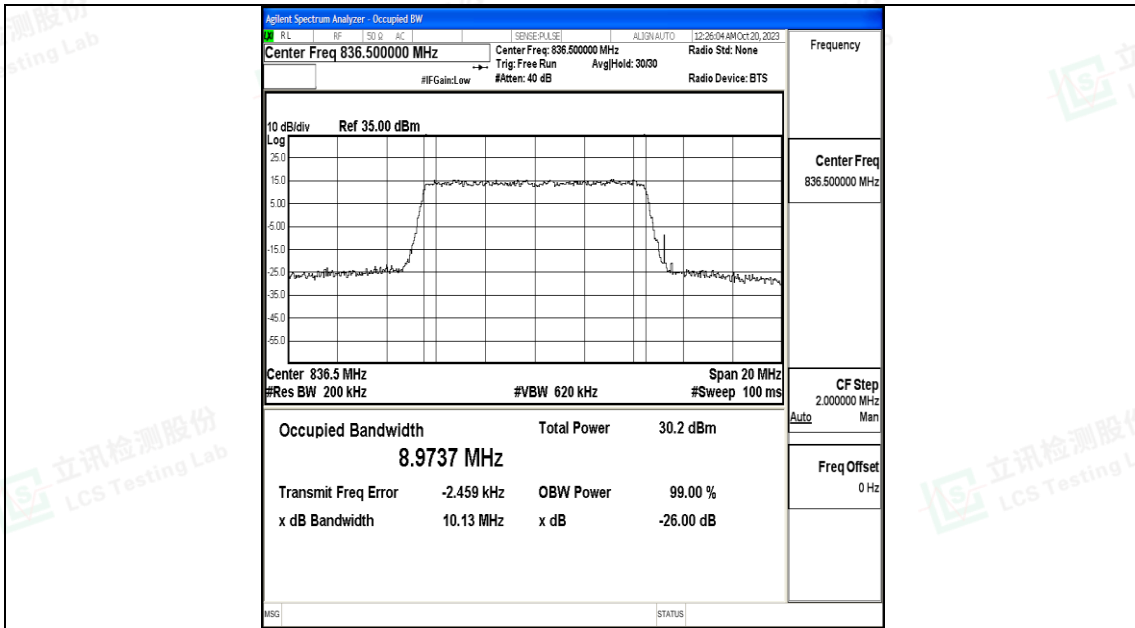


10MHz-20450



10MHz-20450



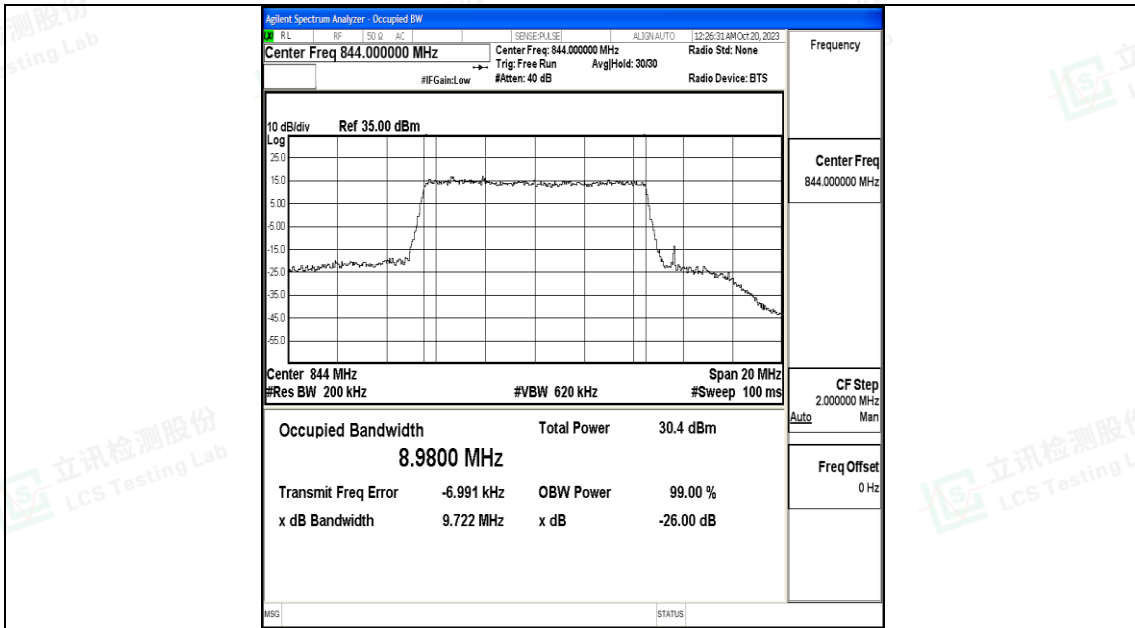


10MHz-20525

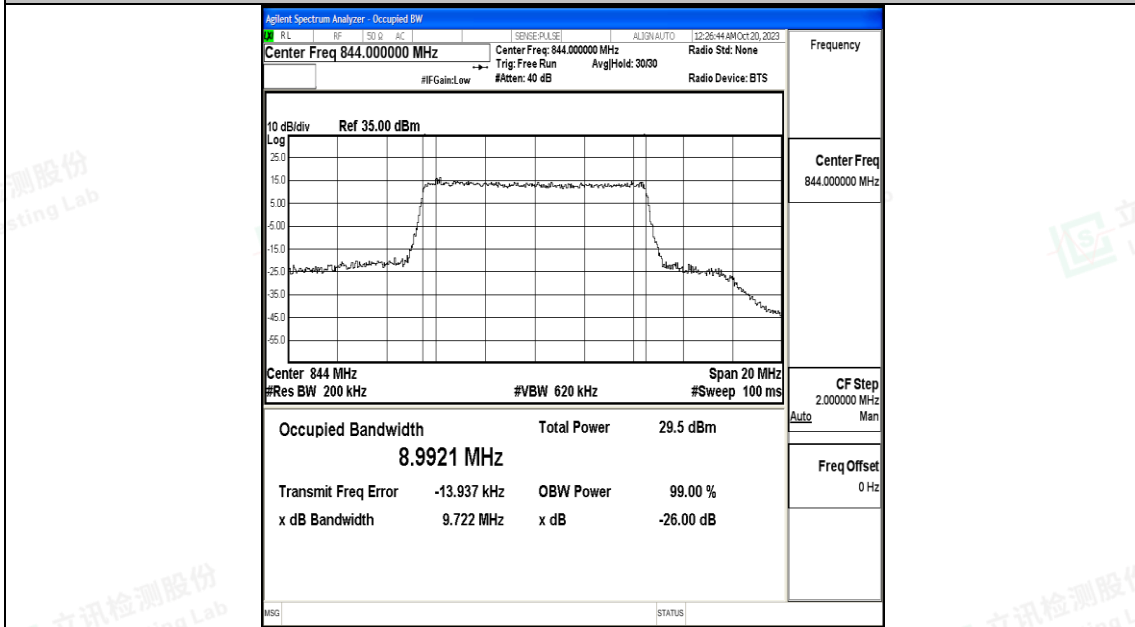


10MHz-20525





10MHz-20600



10MHz-20600





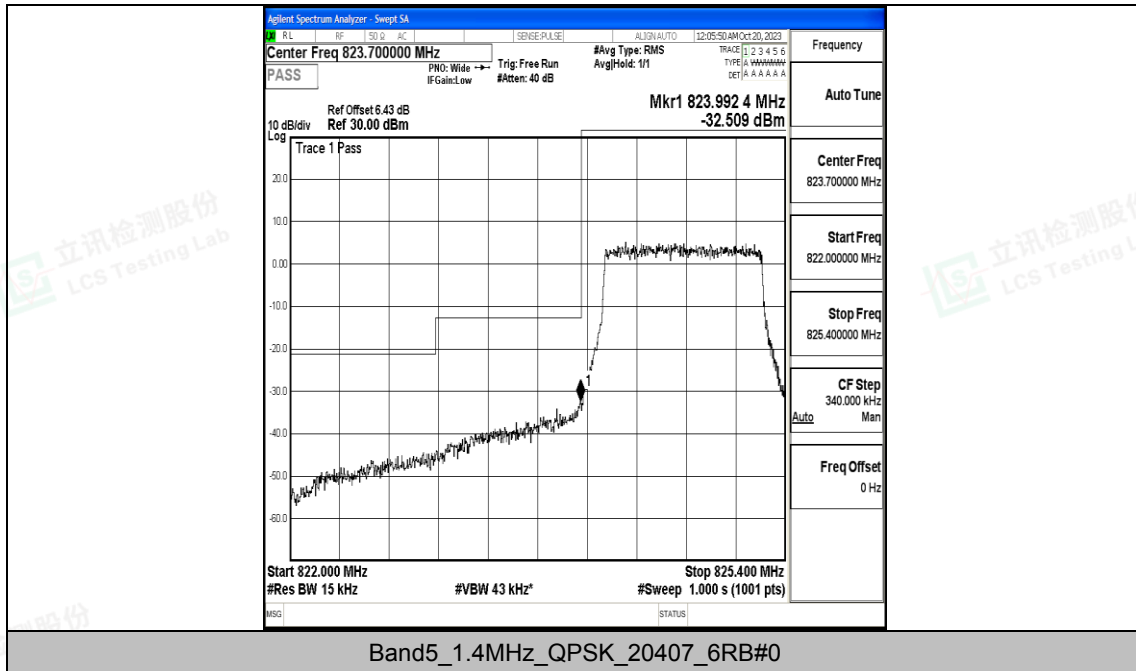


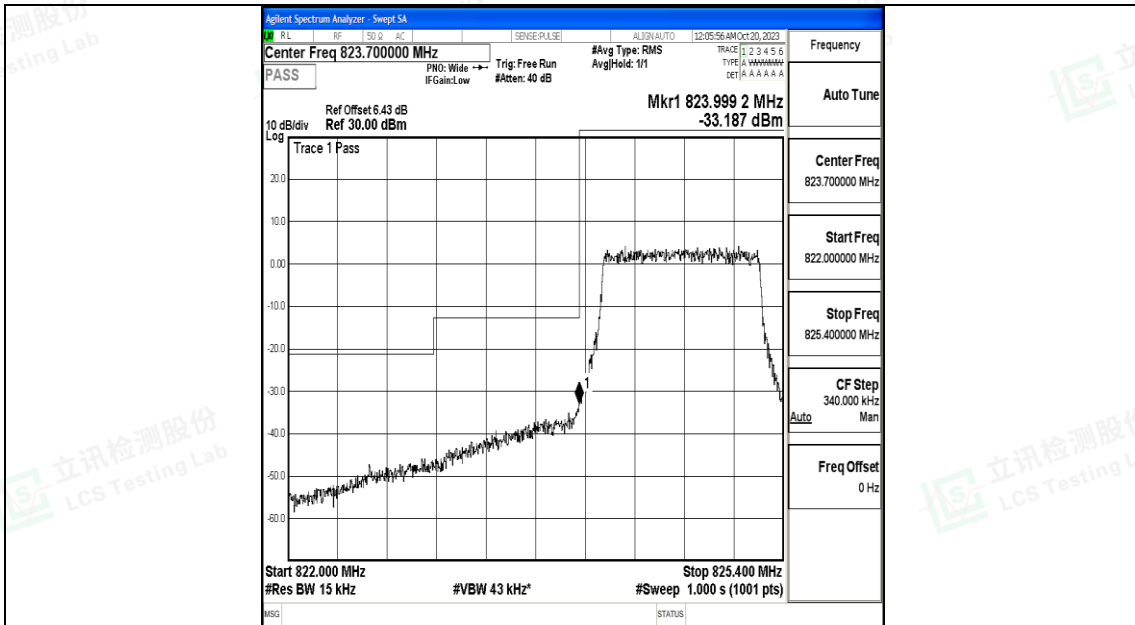
### H.4 Band Edge

### Test Result

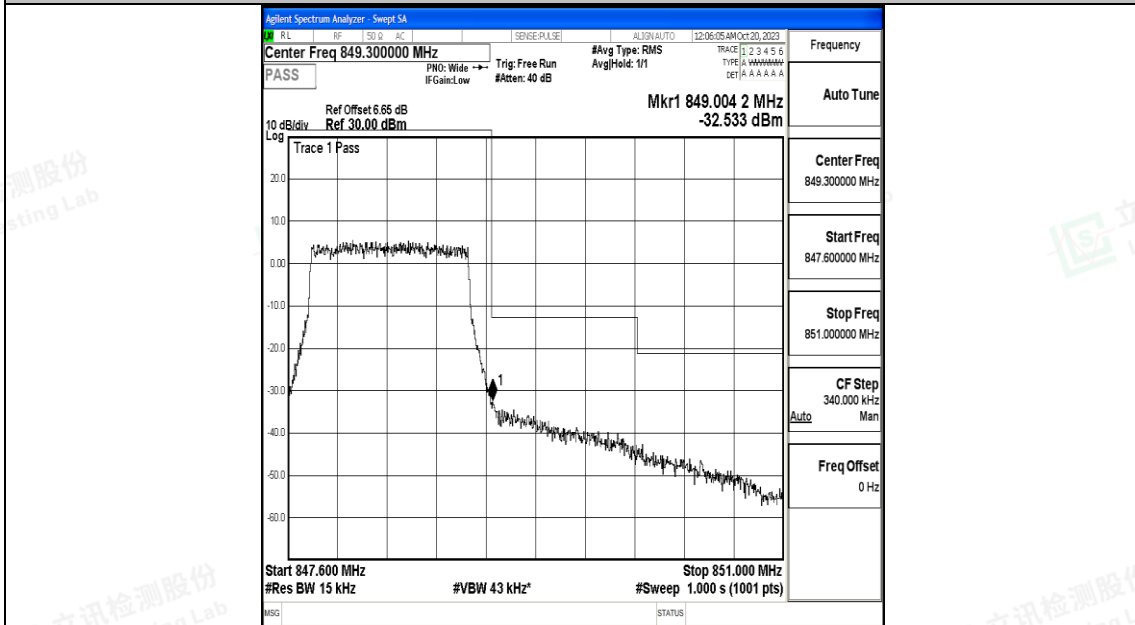
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.99	-32.51	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	824.00	-33.19	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.00	-32.53	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.00	-32.52	PASS
Band5	3MHz	QPSK	20415	15RB#0	822.98	-38.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	822.99	-38.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.01	-32.89	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-35.06	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.97	-31.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-32.87	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.03	-33.44	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.02	-32.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-33.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.97	-35.66	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-33.69	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-35.18	PASS

### Test Graphs



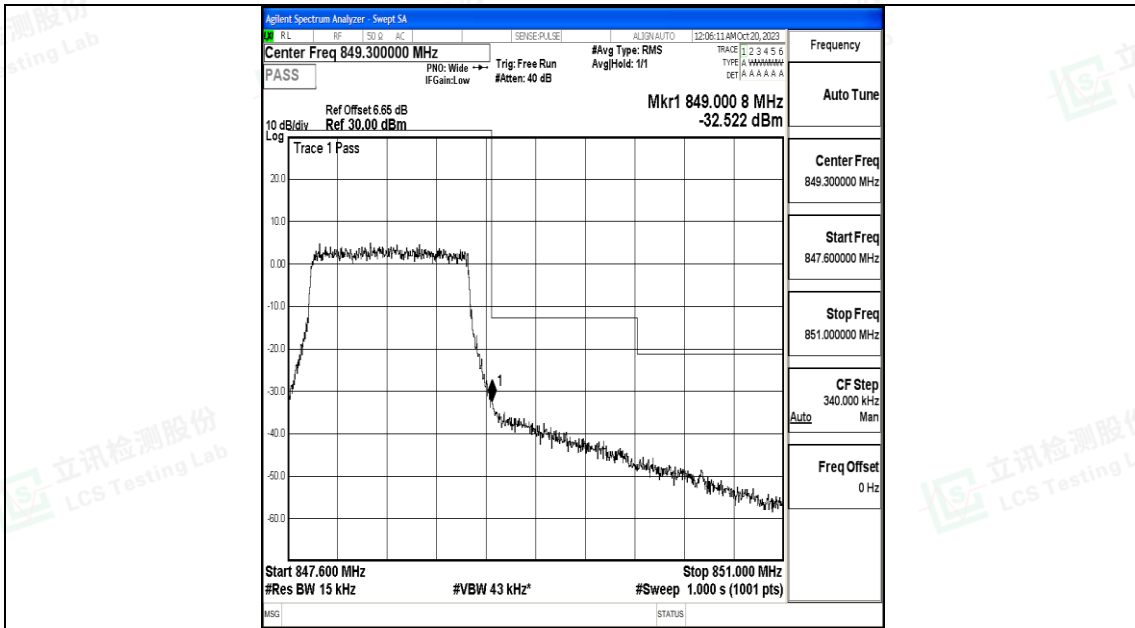


Band5\_1.4MHz\_16QAM\_20407\_6RB#0

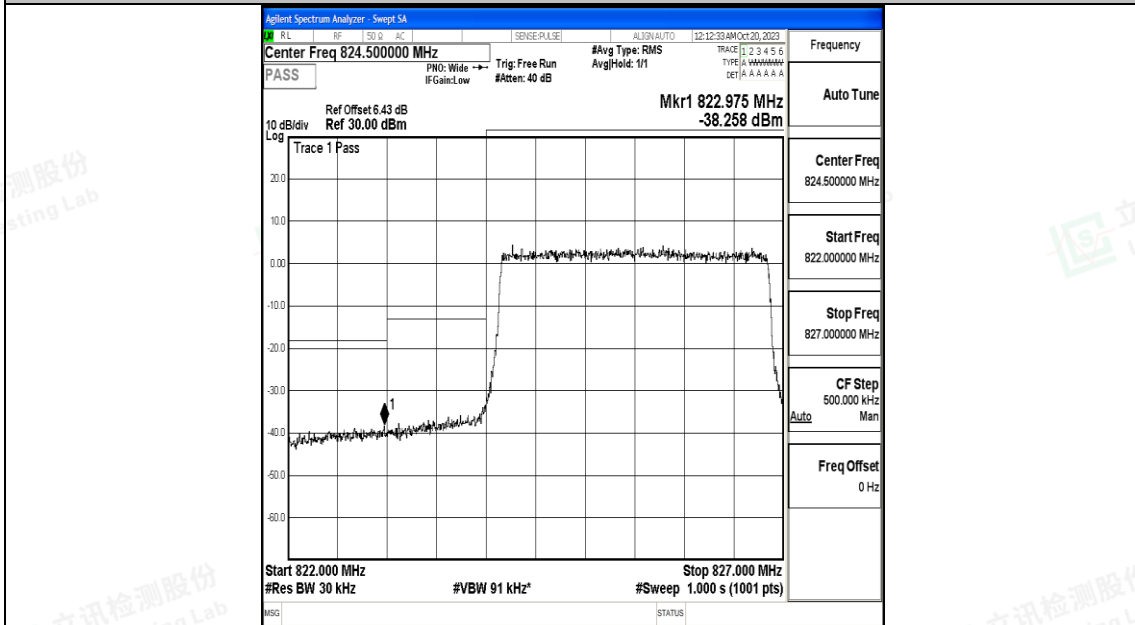


Band5\_1.4MHz\_QPSK\_20643\_6RB#0



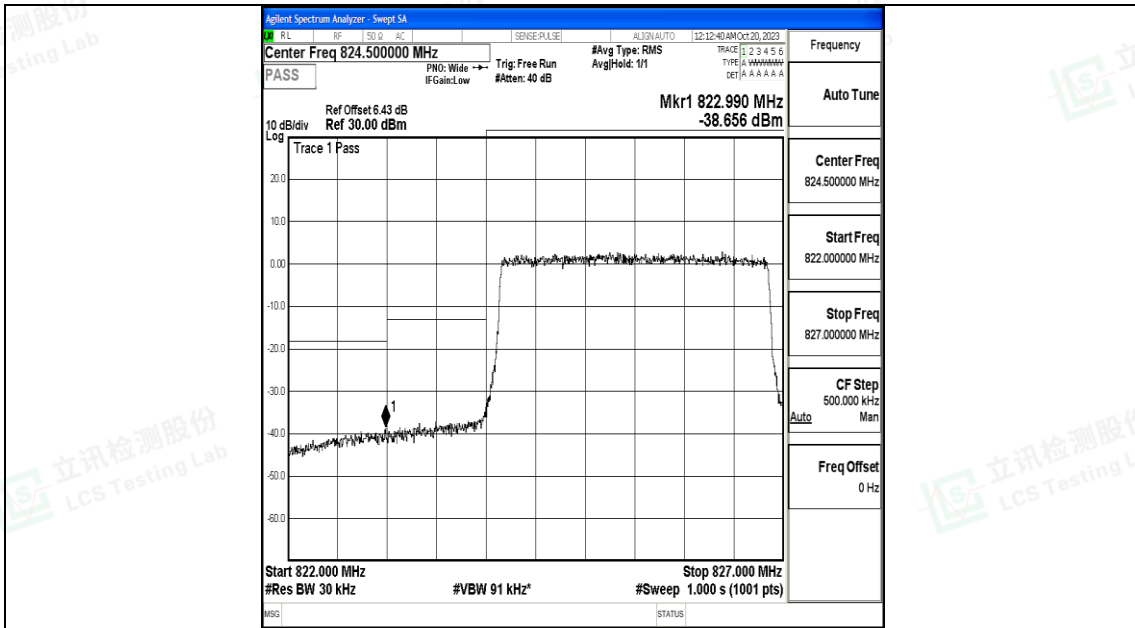


Band5\_1.4MHz\_16QAM\_20643\_6RB#0

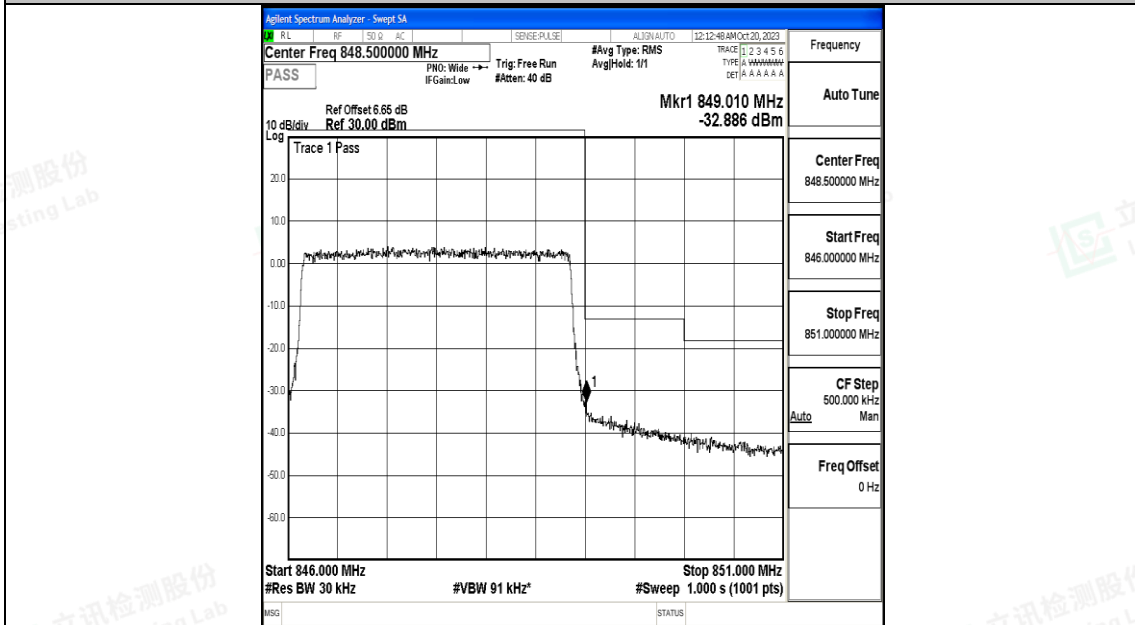


Band5\_3MHz\_QPSK\_20415\_15RB#0



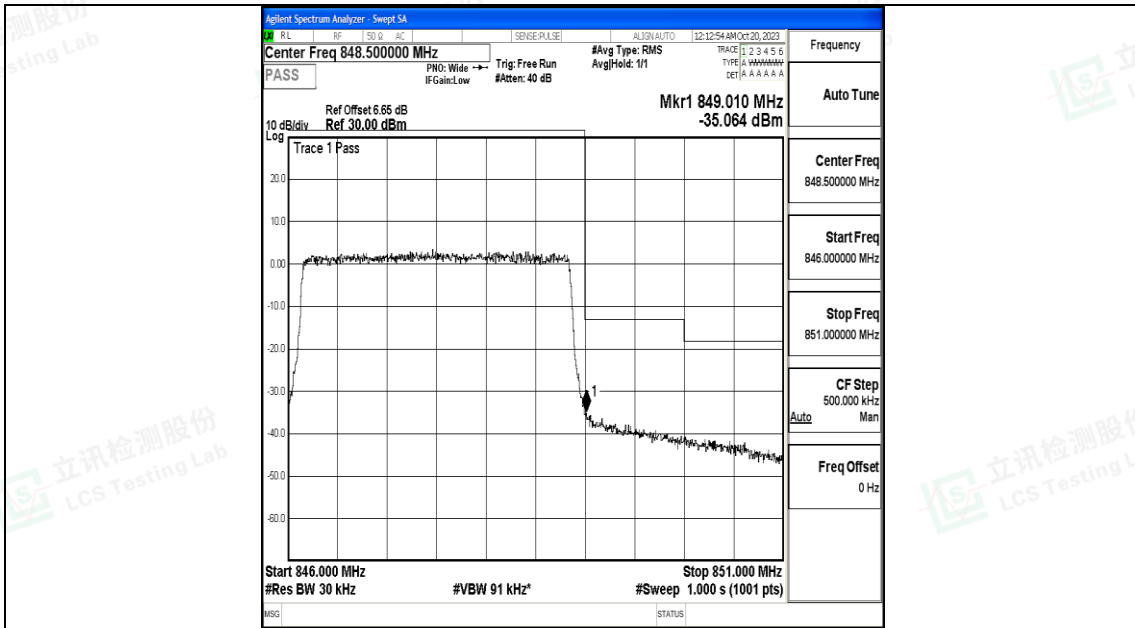


Band5\_3MHz\_16QAM\_20415\_15RB#0

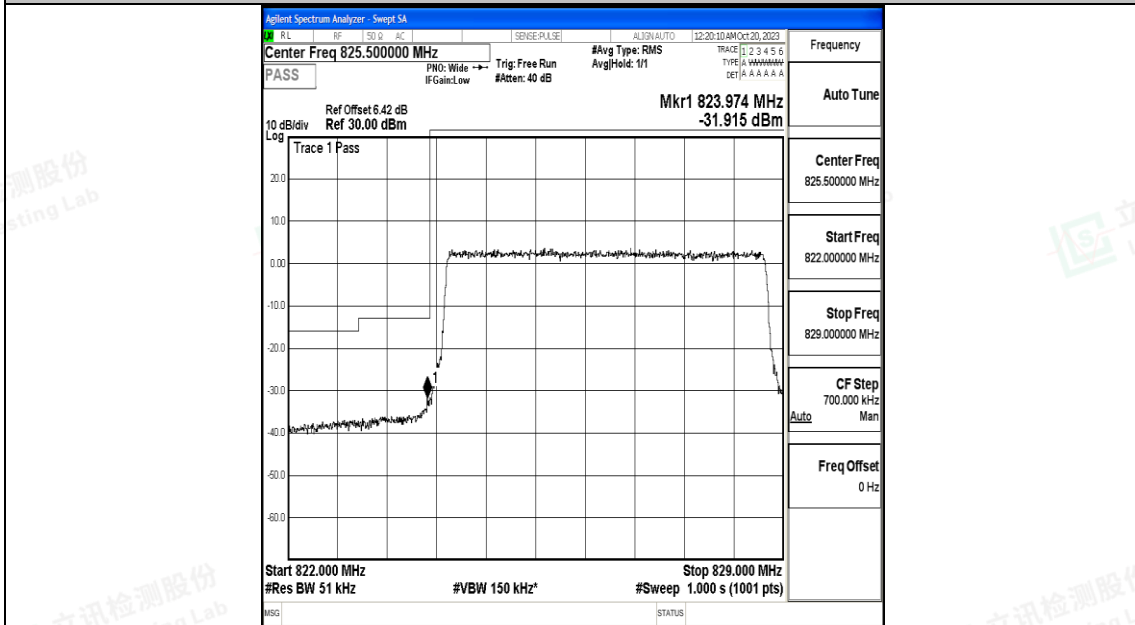


Band5\_3MHz\_QPSK\_20635\_15RB#0



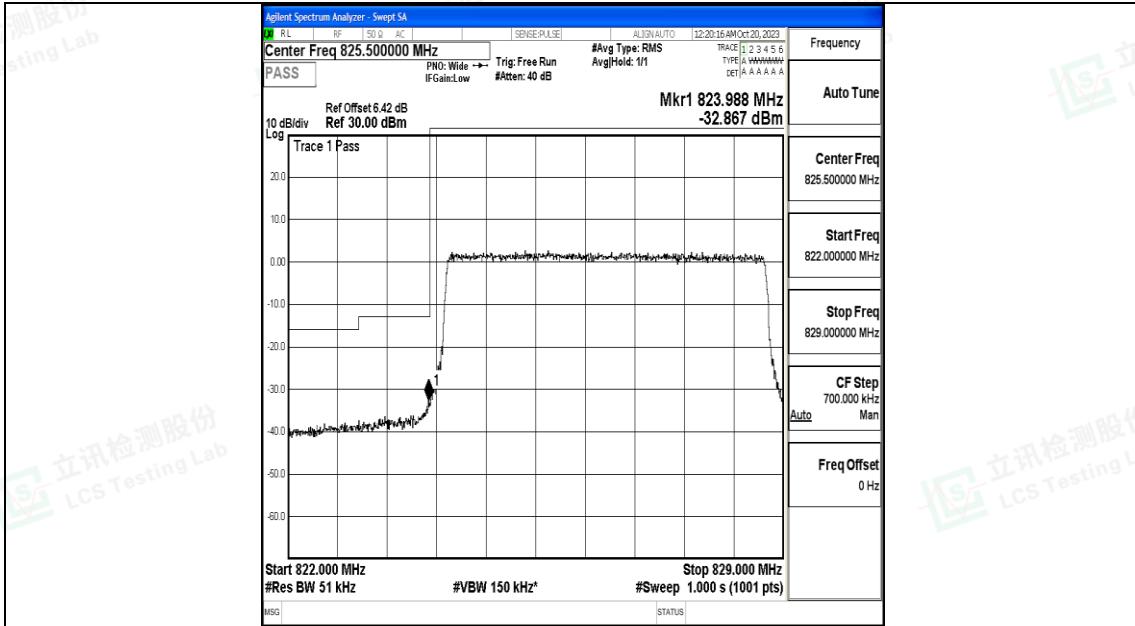


Band5\_3MHz\_16QAM\_20635\_15RB#0

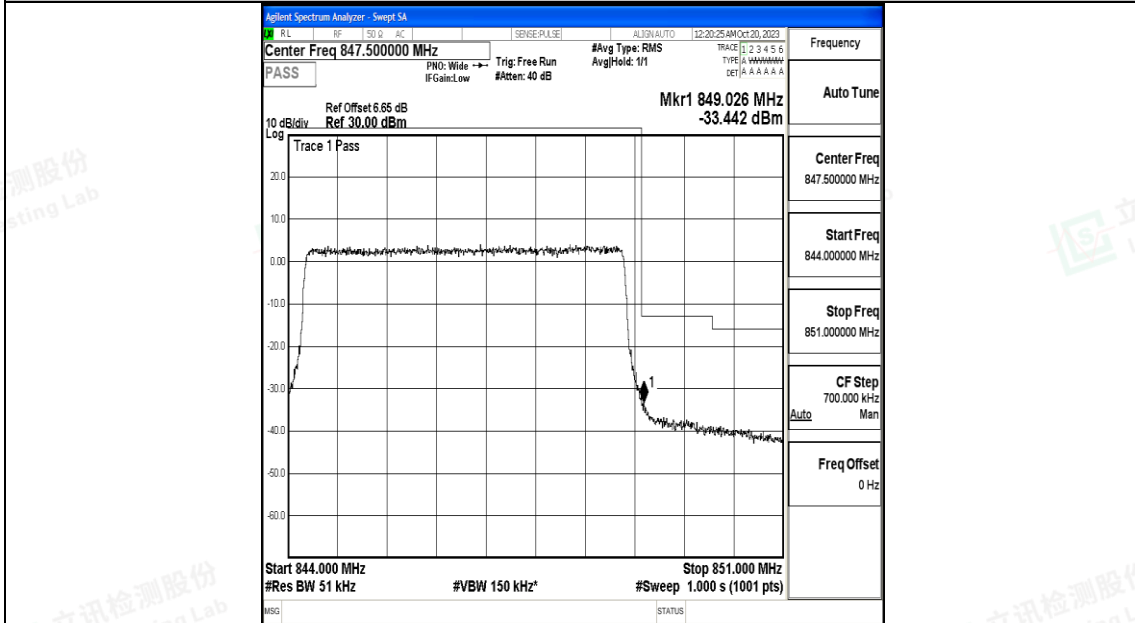


Band5\_5MHz\_QPSK\_20425\_25RB#0



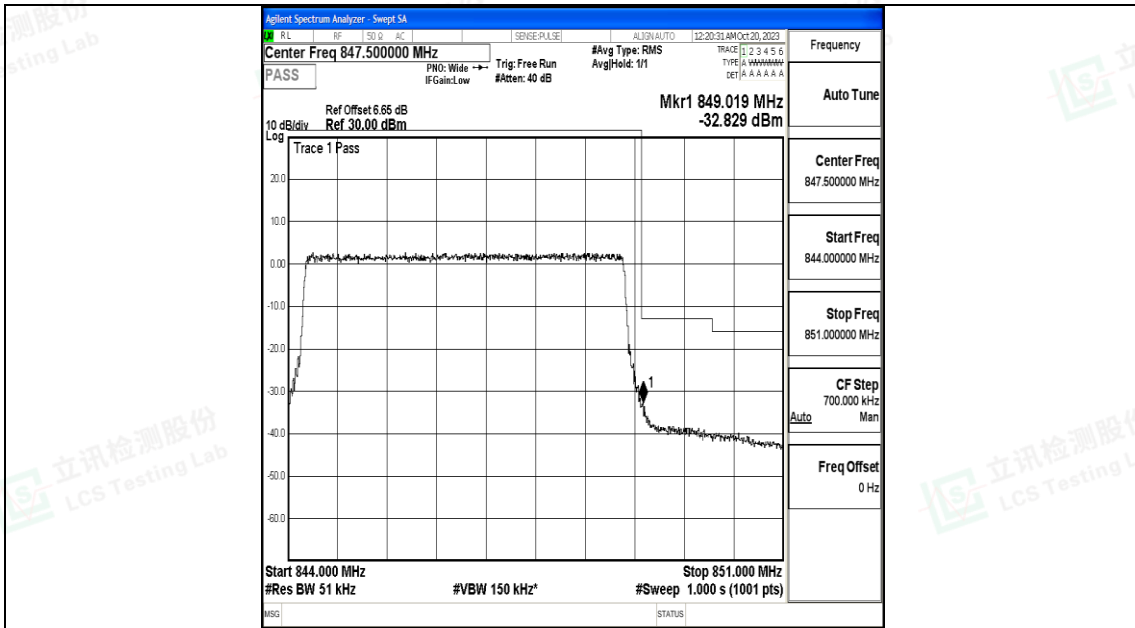


Band5\_5MHz\_16QAM\_20425\_25RB#0

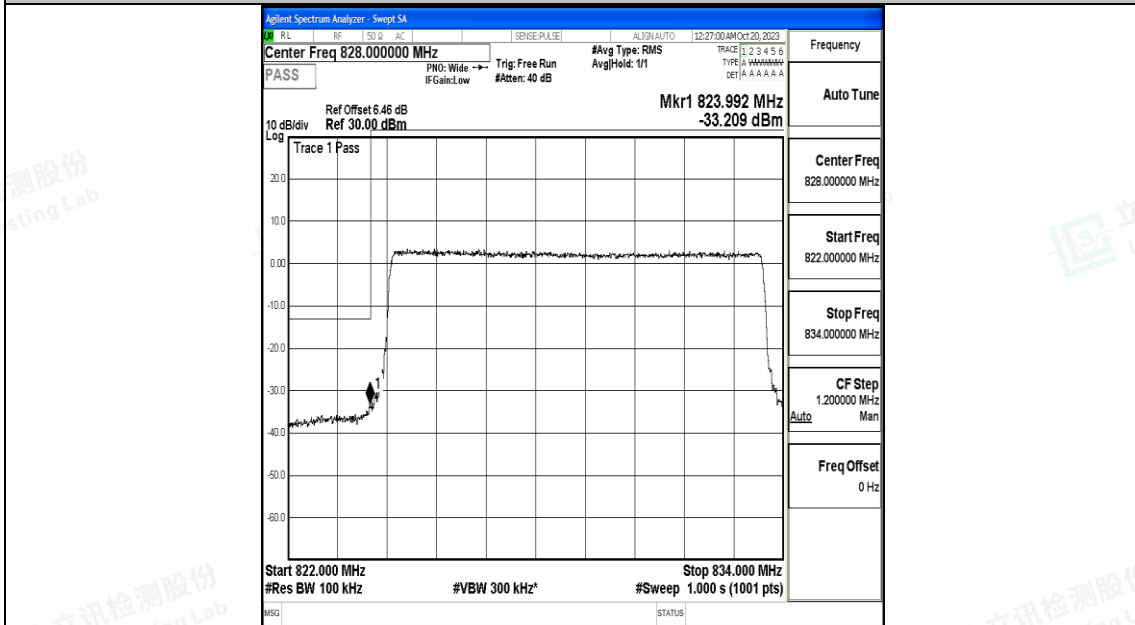


Band5\_5MHz\_QPSK\_20625\_25RB#0



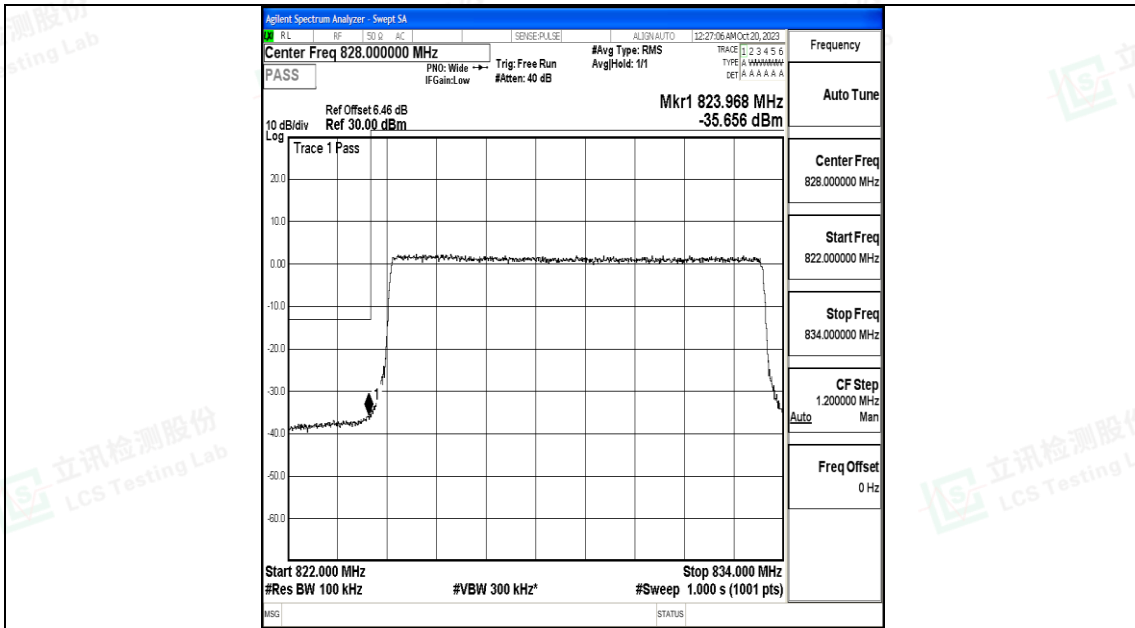


Band5\_5MHz\_16QAM\_20625\_25RB#0

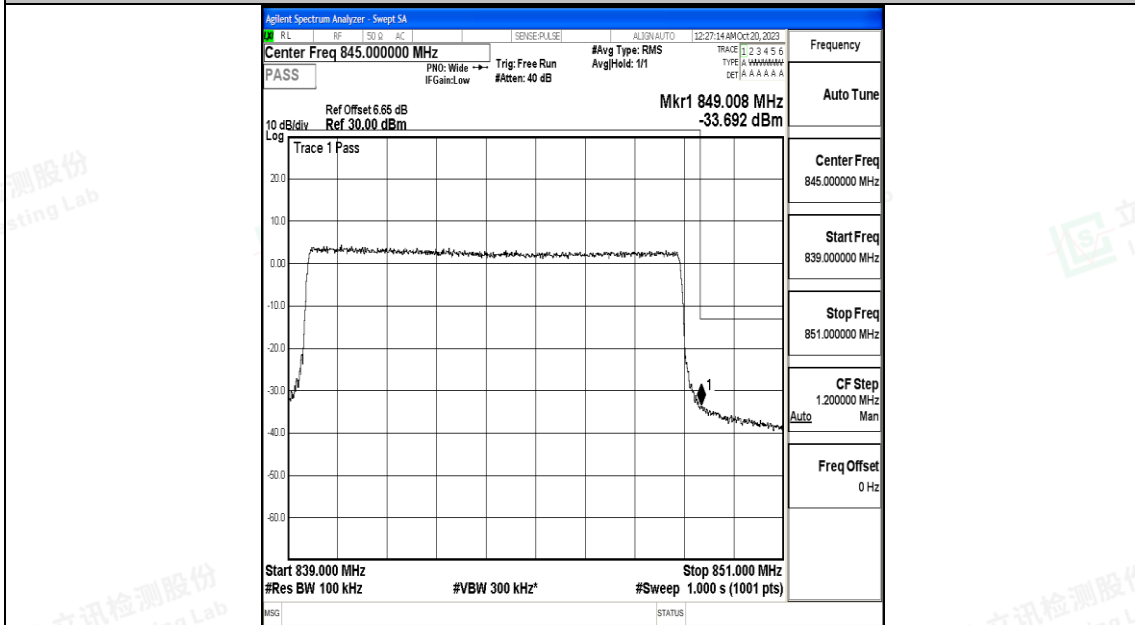


Band5\_10MHz\_QPSK\_20450\_50RB#0





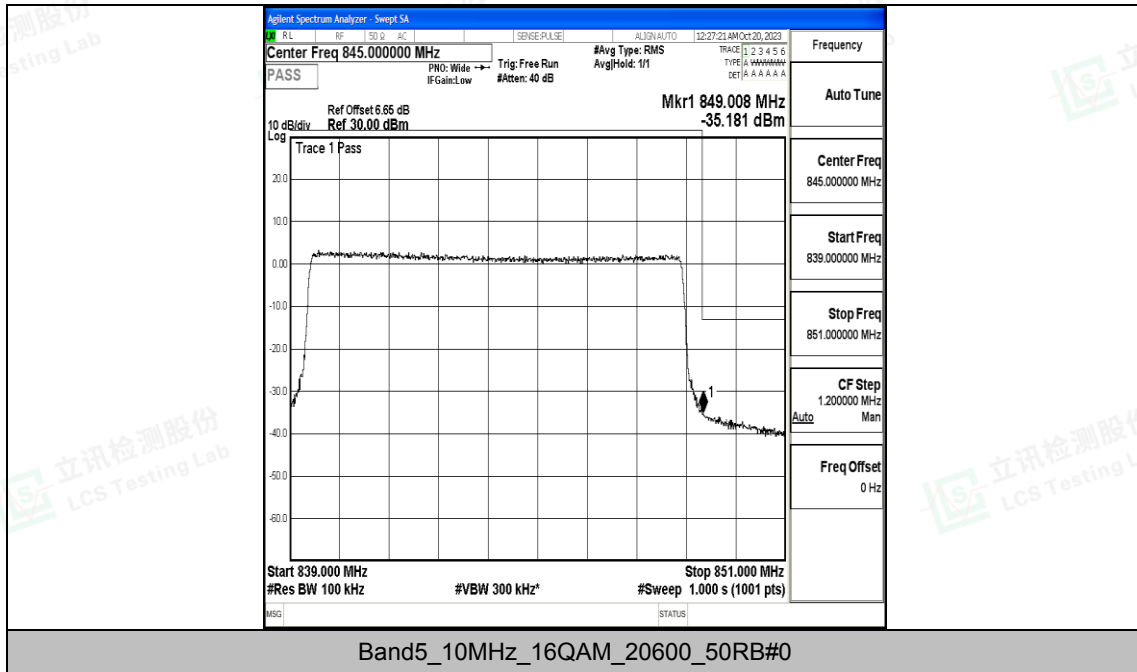
Band5\_10MHz\_16QAM\_20450\_50RB#0



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	-54.80	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-51.69	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-51.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-43.96	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-55.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-51.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-43.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.14	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-51.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-41.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.74	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-51.96	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-43.36	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-50.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.88	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-60.12	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-54.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-52.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-54.08	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-51.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-59.88	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-43.51	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.54	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.86	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-51.65	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-60.34	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	1000~3000	-43.84	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.53	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-55.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-54.32	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-59.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-55.79	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-53.35	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-59.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.72	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-52.99	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-56.48	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-44.20	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.81	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-59.74	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-57.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-44.32	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.78	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-54.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-54.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-62.39	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-43.88	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.09	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-55.42	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.29	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.92	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.24	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.79	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-55.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-51.89	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-62.20	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.95	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.97	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.54	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-62.50	PASS





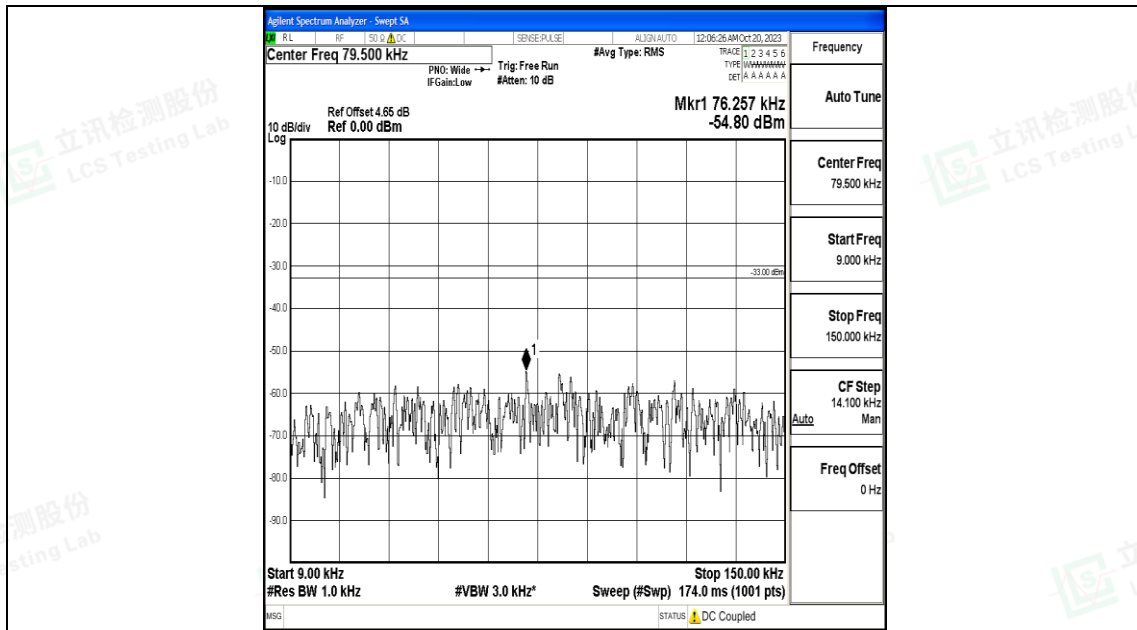
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.02	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-58.67	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-54.26	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-62.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-45.09	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-59.74	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.26	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-59.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-42.88	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.42	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-54.71	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.78	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.53	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.96	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.60	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.66	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.68	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.34	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-54.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.11	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-43.67	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.61	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-57.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-50.70	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.35	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.57	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-56.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-54.17	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.53	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-56.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.23	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.51	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.57	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.55	PASS



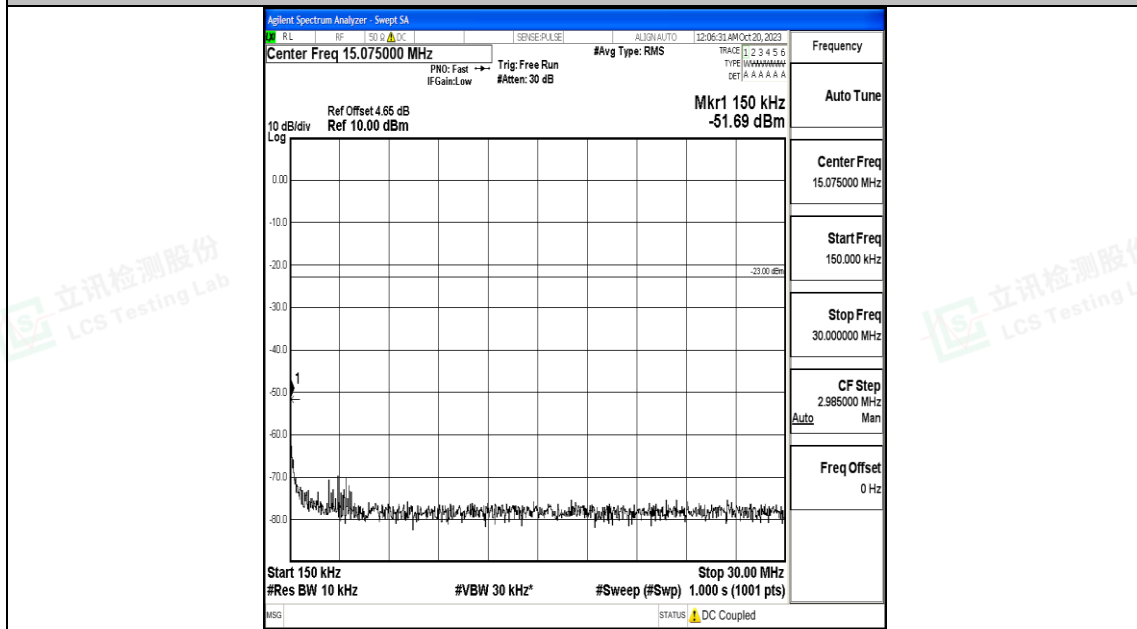


Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-50.97	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.42	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.74	PASS

### Test Graphs

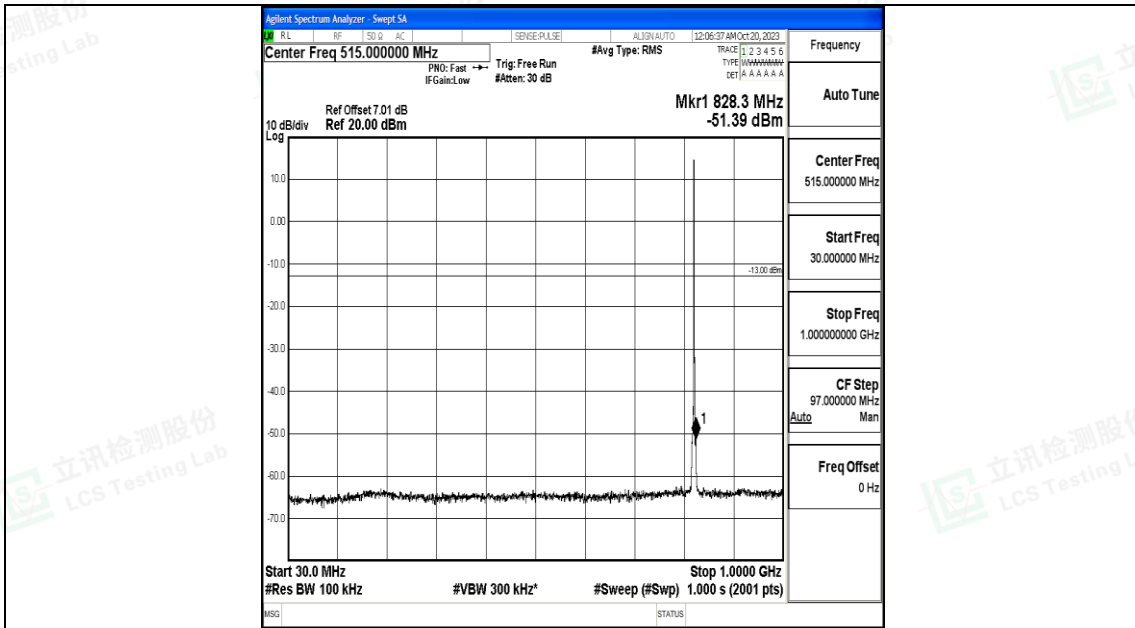


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.009~0.15\_0.009~0.15

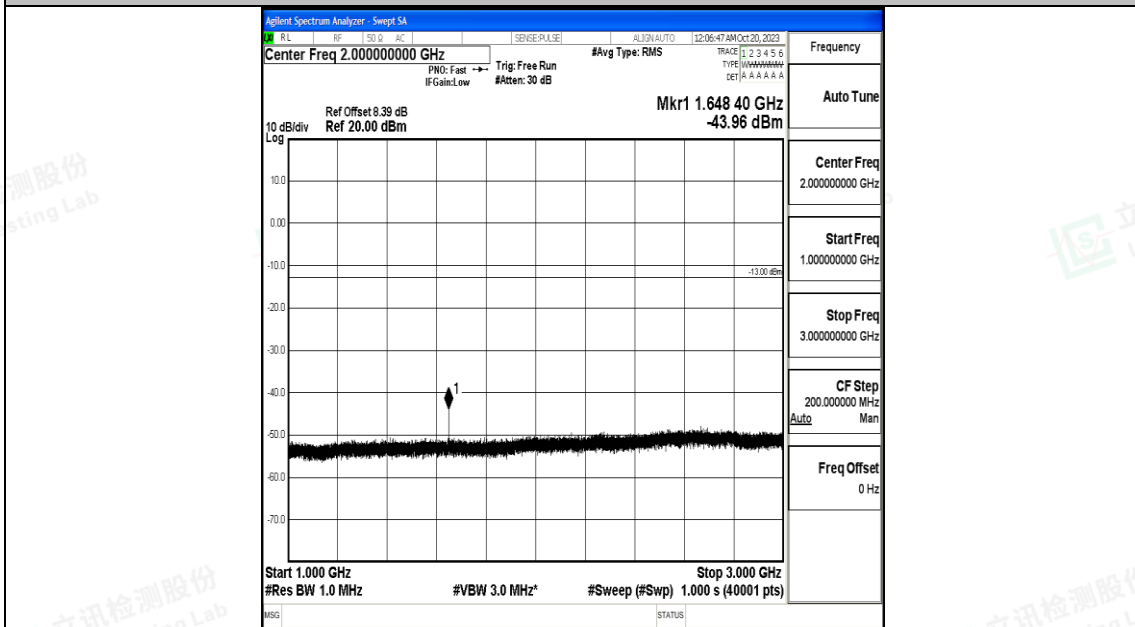


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.15~30\_0.15~30



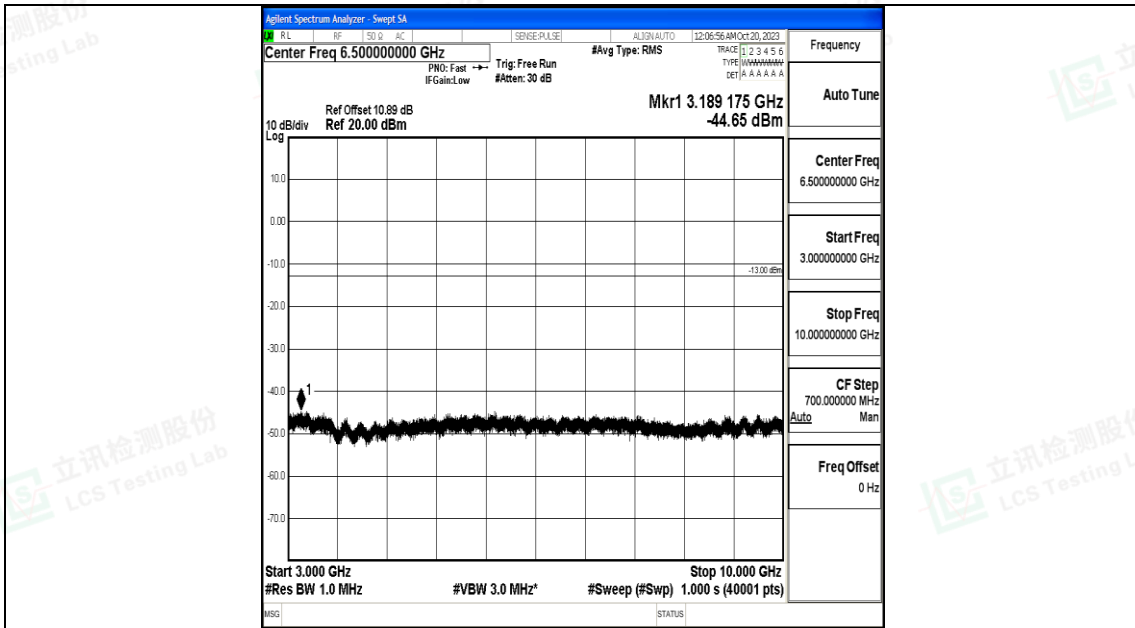


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_30~1000\_30~1000

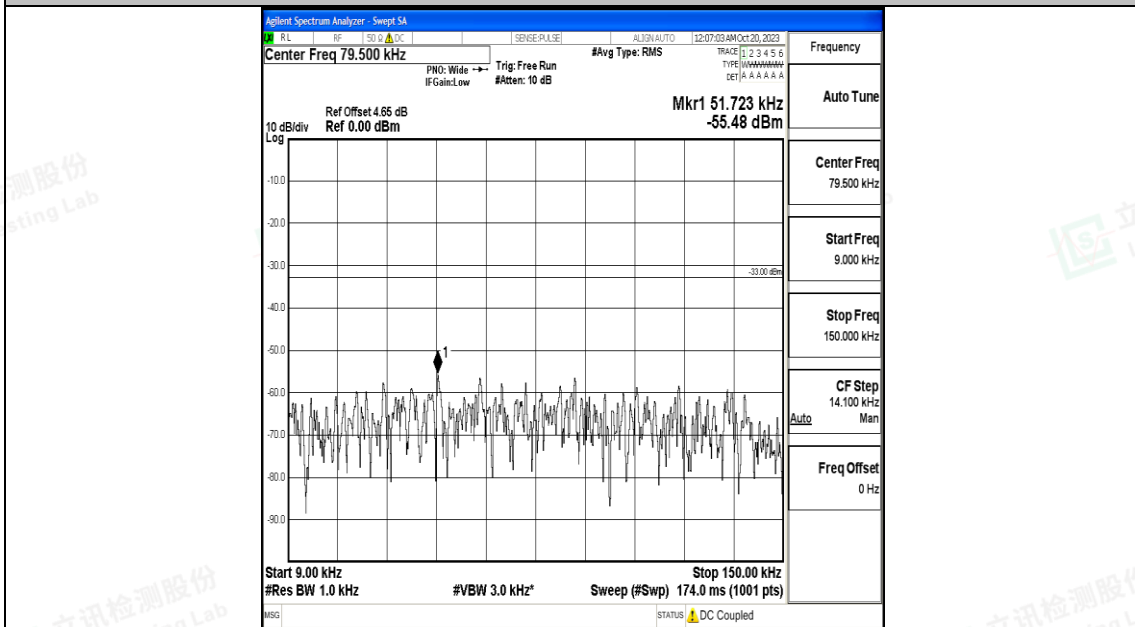


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_1000~3000\_1000~3000



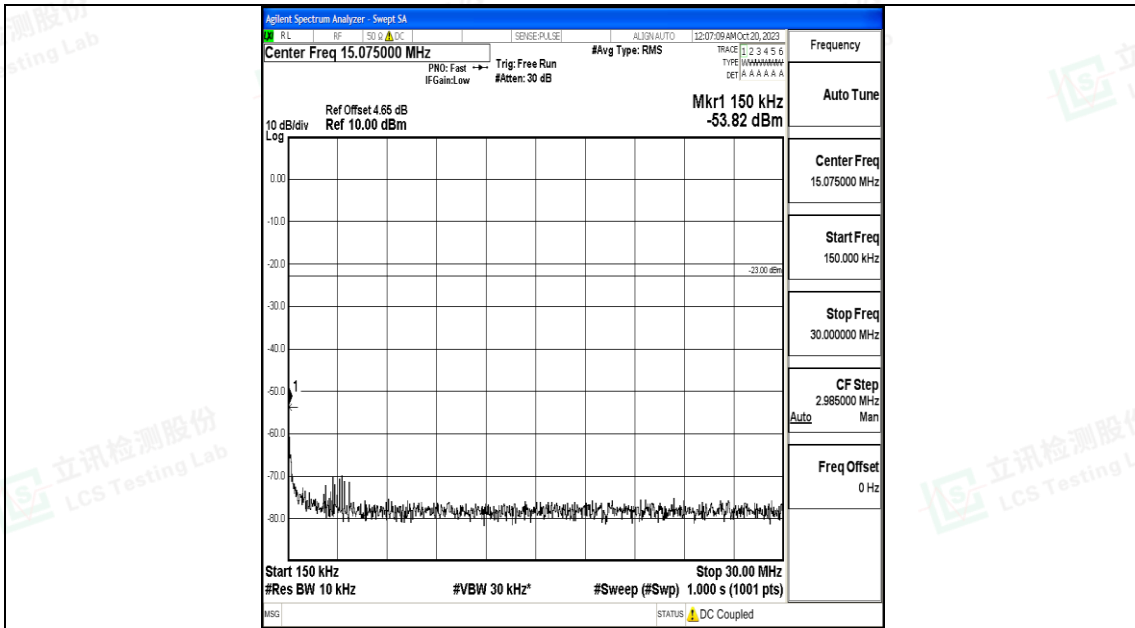


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_3000~10000\_3000~10000

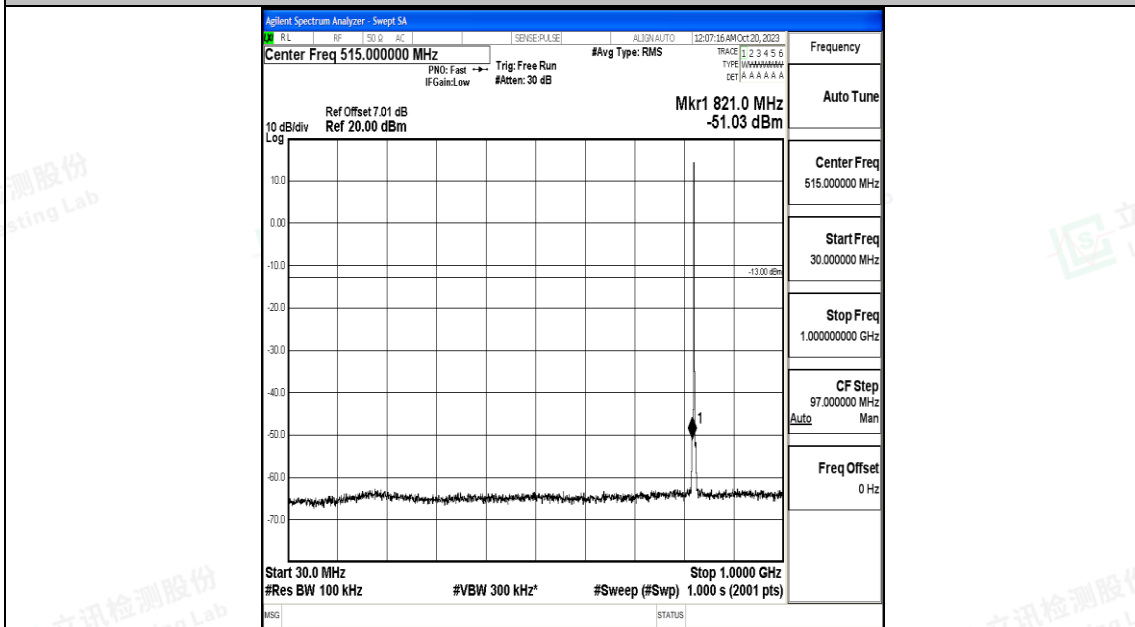


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.009~0.15\_0.009~0.15





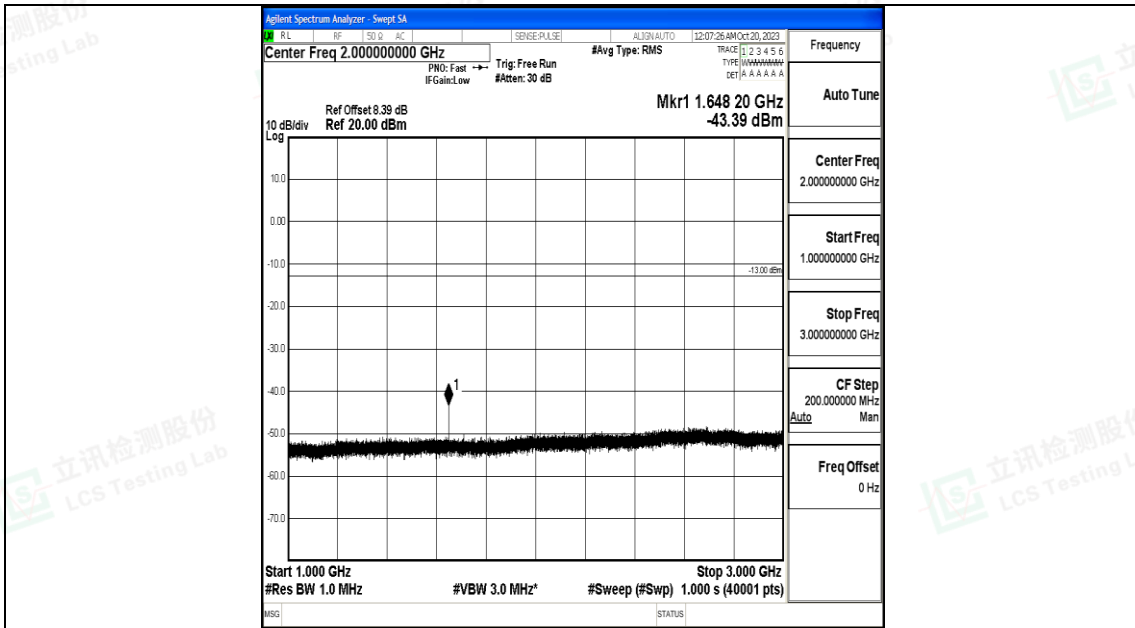
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.15~30\_0.15~30



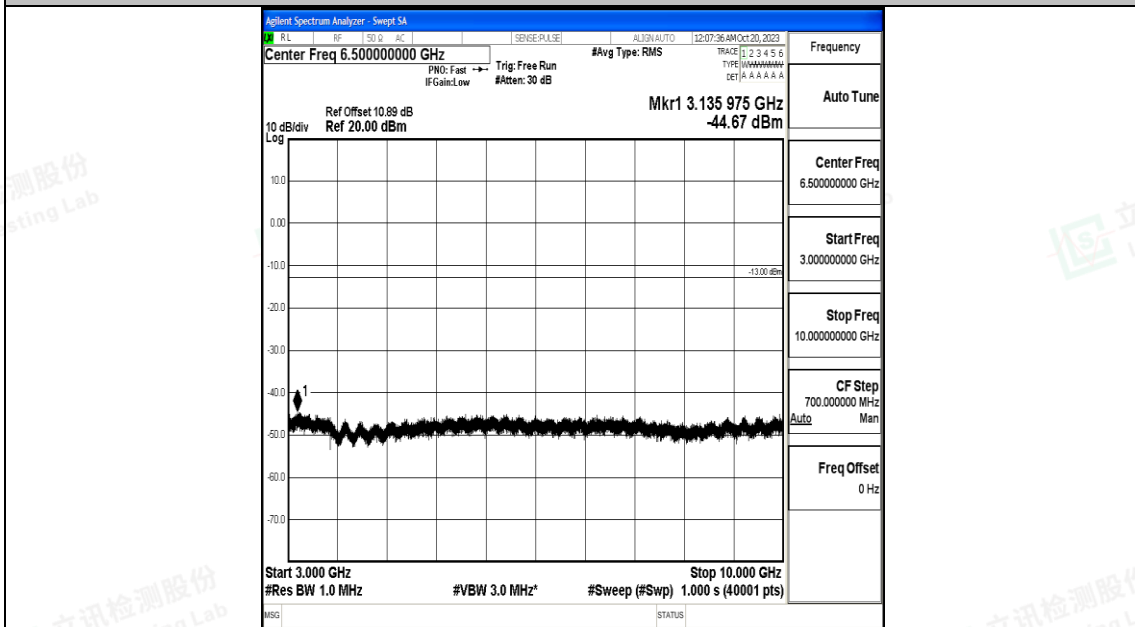
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_30~1000\_30~1000





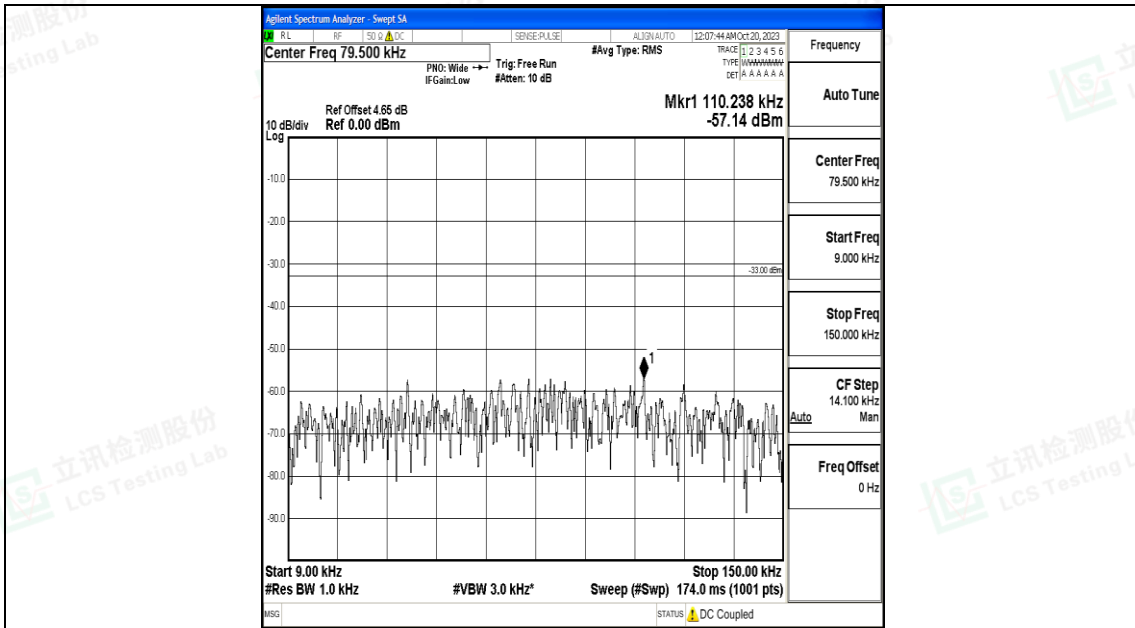


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_1000~3000\_1000~3000

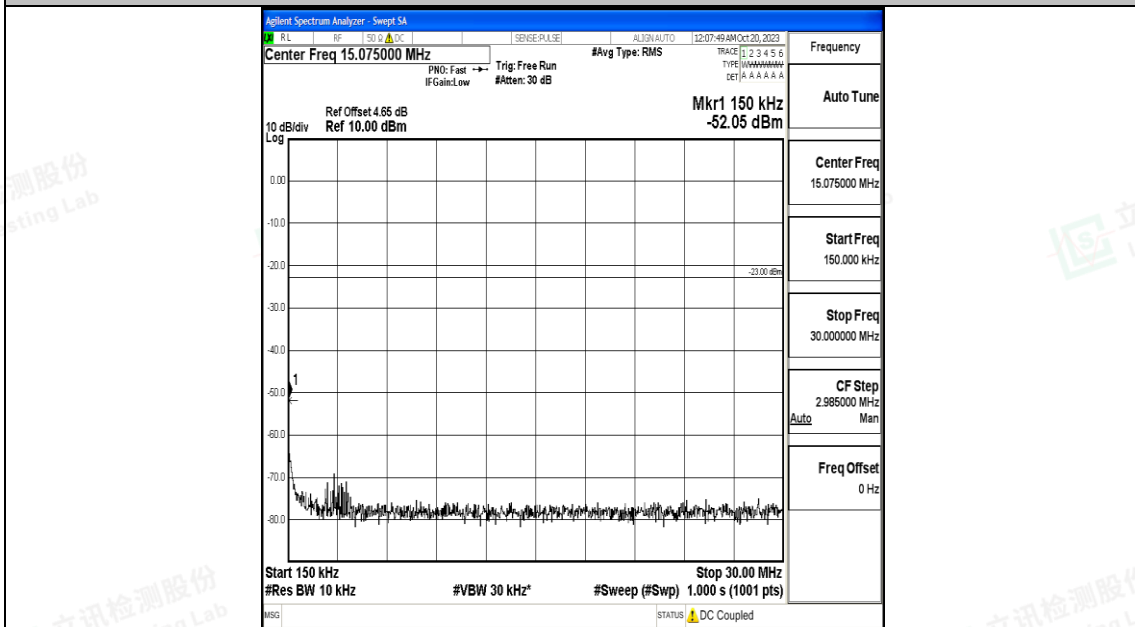


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_3000~10000\_3000~10000



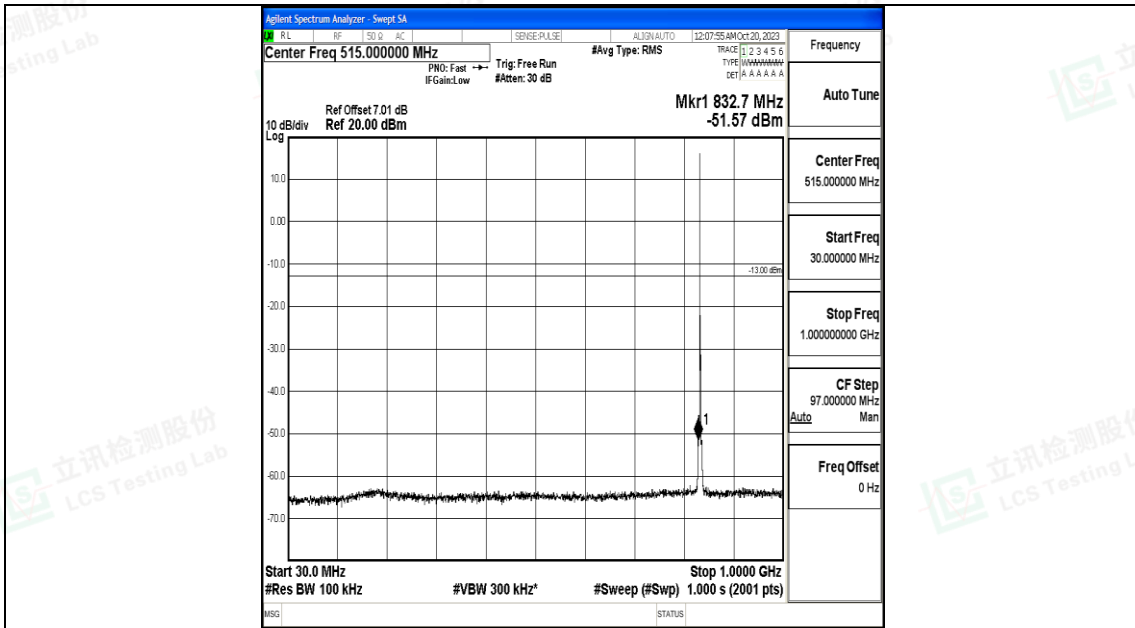


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.15

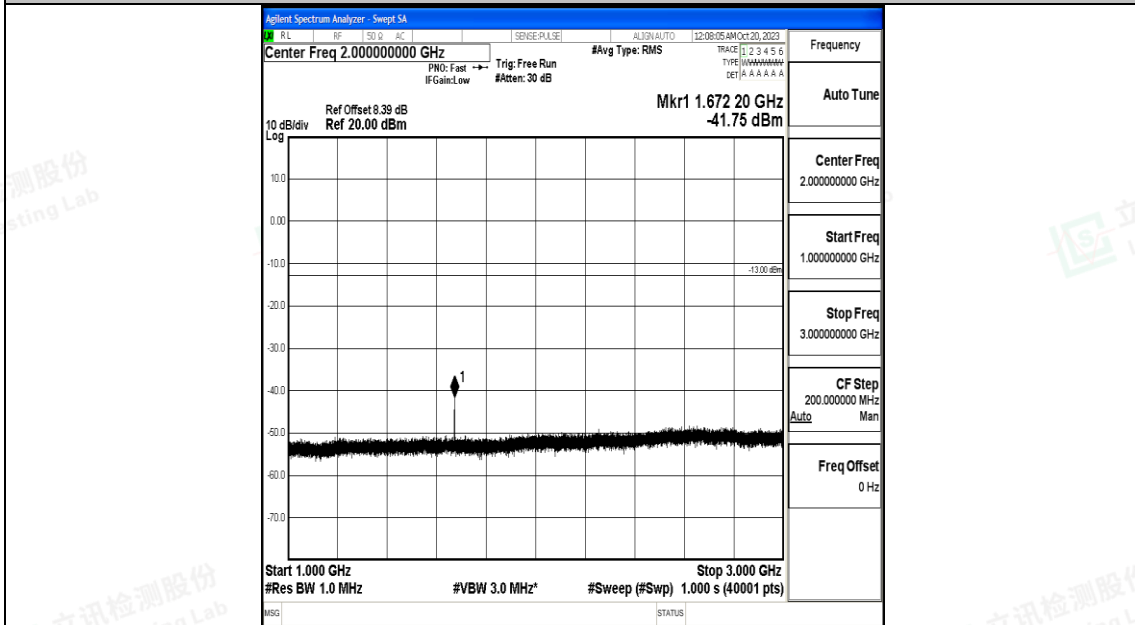


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30



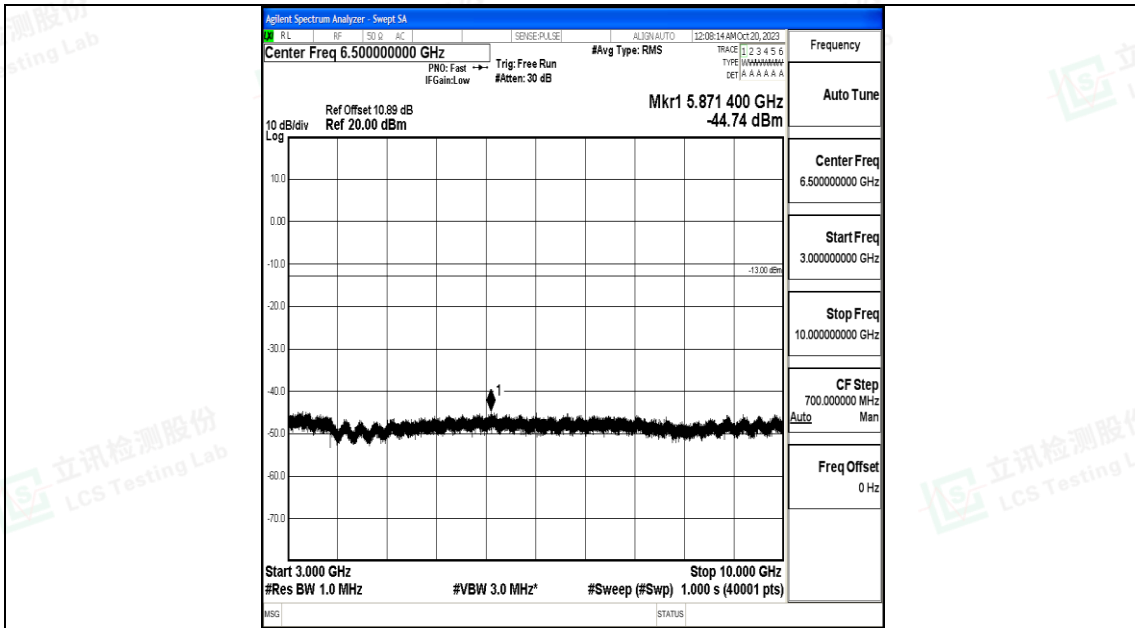


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_30~1000\_30~1000

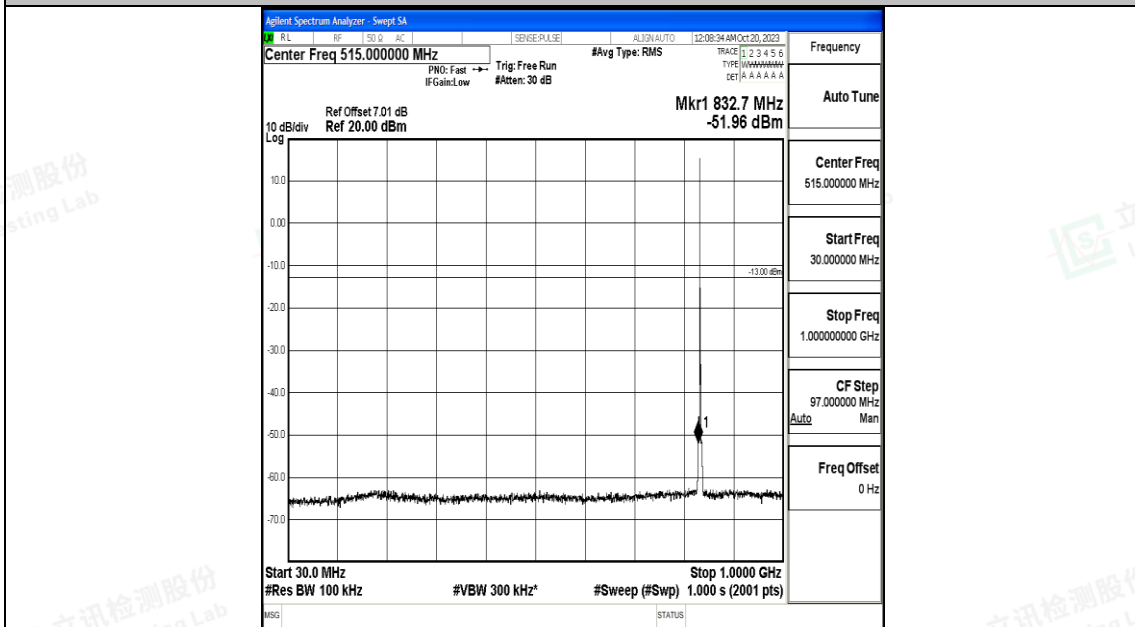


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_1000~3000\_1000~3000



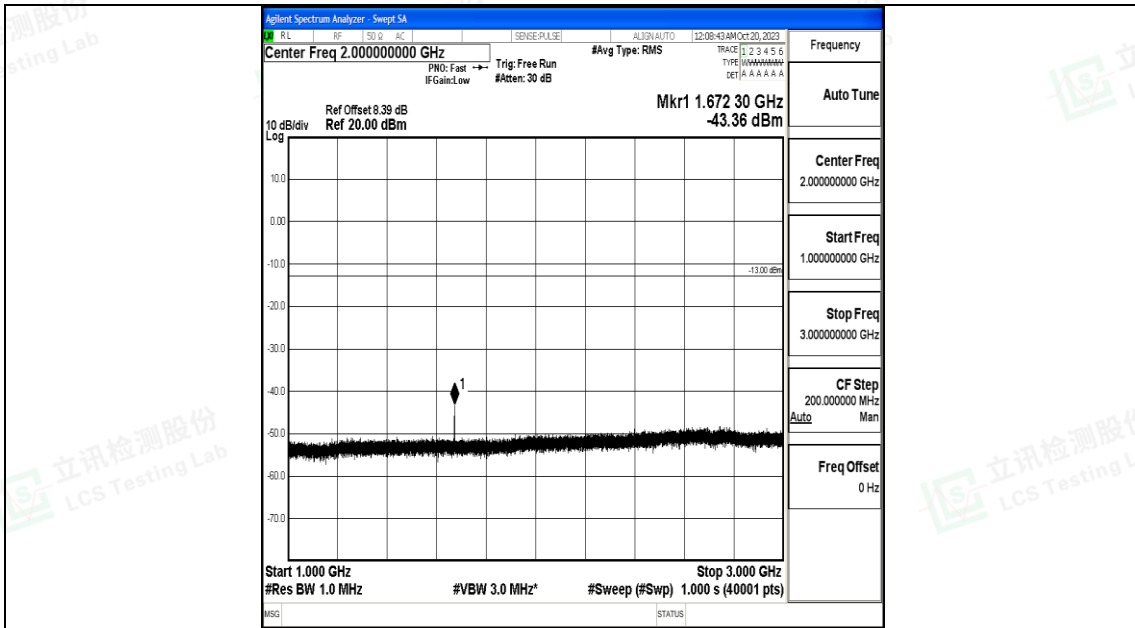


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~10000

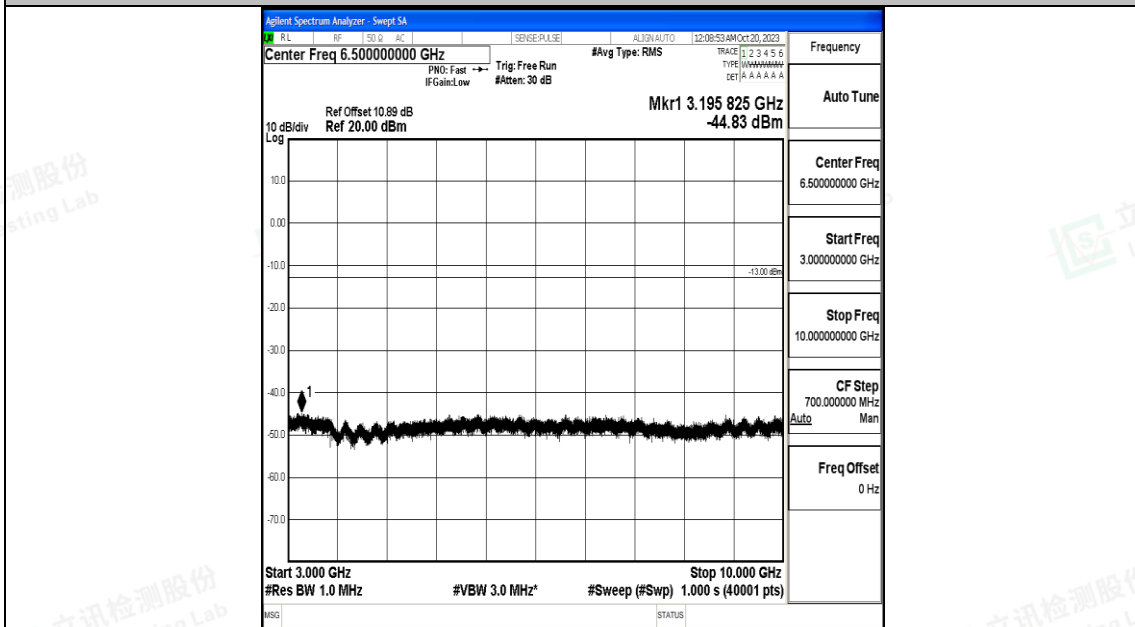


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_30~1000\_30~1000





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



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

