



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

**Product Name: Smartphone**

**Test Model: 65PA1-1**

### 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	24.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.75	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.25	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.04	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.58	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.02	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.67	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.11	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.55	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.03	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.56	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.95	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.54	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.96	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.98	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.71	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.90	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.44	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.77	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.47	PASS





Band5	1.4MHz	QPSK	20643	3RB#1	23.77	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.47	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.73	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.75	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.70	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.95	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.02	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.68	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.98	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.82	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.07	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.13	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.08	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.13	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.05	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.06	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.08	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.74	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.83	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.78	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.81	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.75	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.86	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.98	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.87	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.99	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.92	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.84	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.92	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.78	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.33	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.71	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.38	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.77	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.38	PASS





Band5	3MHz	QPSK	20635	8RB#0	22.64	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.85	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.66	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.77	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.83	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.67	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.98	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.05	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.38	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.05	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.43	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.98	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.36	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.98	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.99	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.12	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.96	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.02	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.08	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.14	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.20	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.78	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.96	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.82	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.00	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.78	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.92	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.92	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.93	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.92	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.81	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.97	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.75	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.79	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.68	PASS





Band5	5MHz	QPSK	20625	1RB#24	23.81	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.72	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.71	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.89	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.79	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.82	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.76	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.65	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.84	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.98	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.85	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.91	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.90	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.83	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.99	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.12	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.10	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.96	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.18	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.99	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.03	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.05	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.05	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.89	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.78	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.79	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.66	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.66	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.07	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.11	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.08	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.12	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.91	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.99	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.86	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.00	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	PASS





Band5	10MHz	QPSK	20600	1RB#24	23.87	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.73	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.81	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.54	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.83	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.96	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.77	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.89	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.65	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.93	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.75	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.85	PASS





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

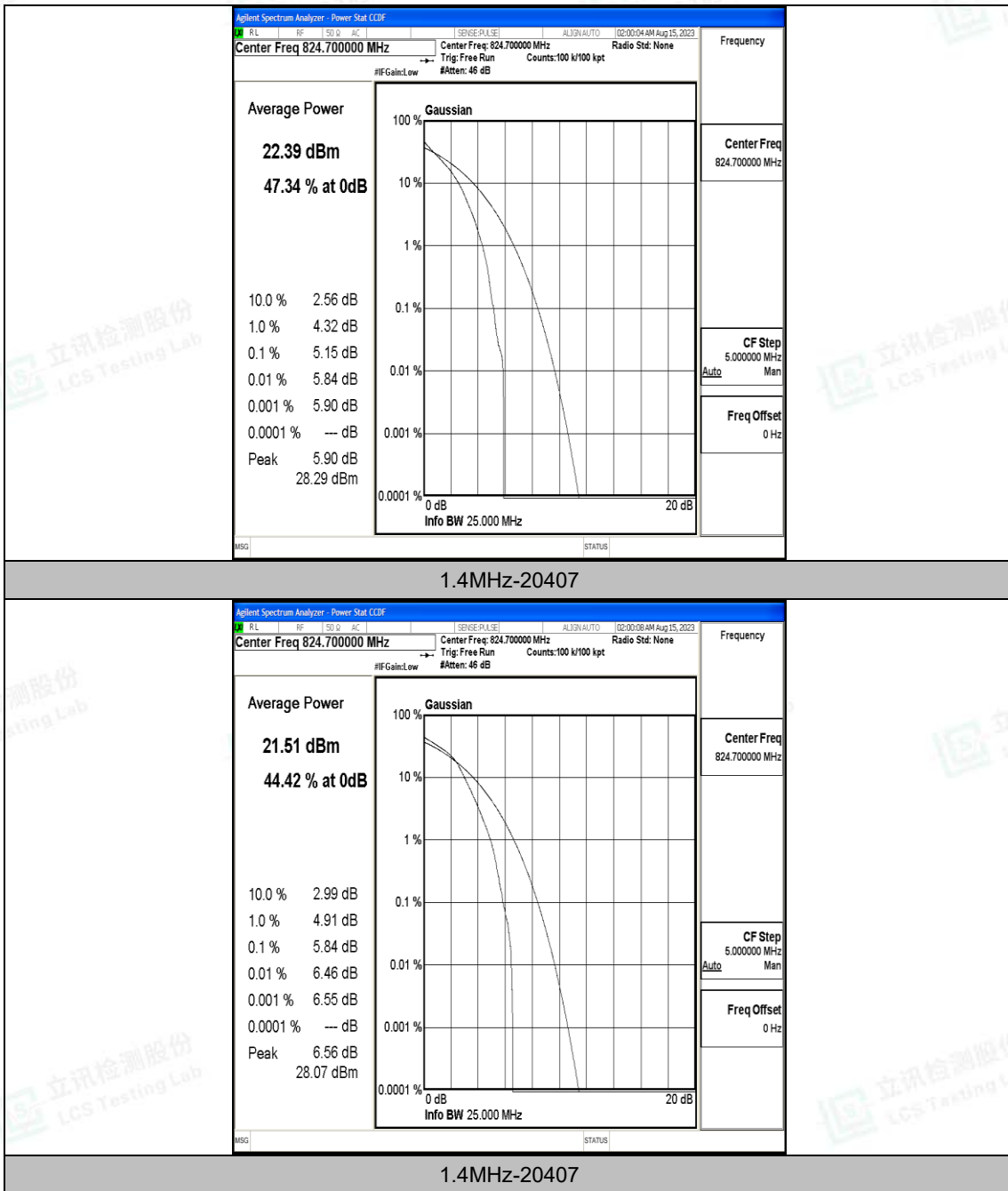
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.15	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.84	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.05	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.81	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.91	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.54	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.17	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.92	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.08	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.90	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.86	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.73	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.84	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.01	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.88	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.09	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.94	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.09	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.87	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.11	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.97	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.21	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.03	13	PASS

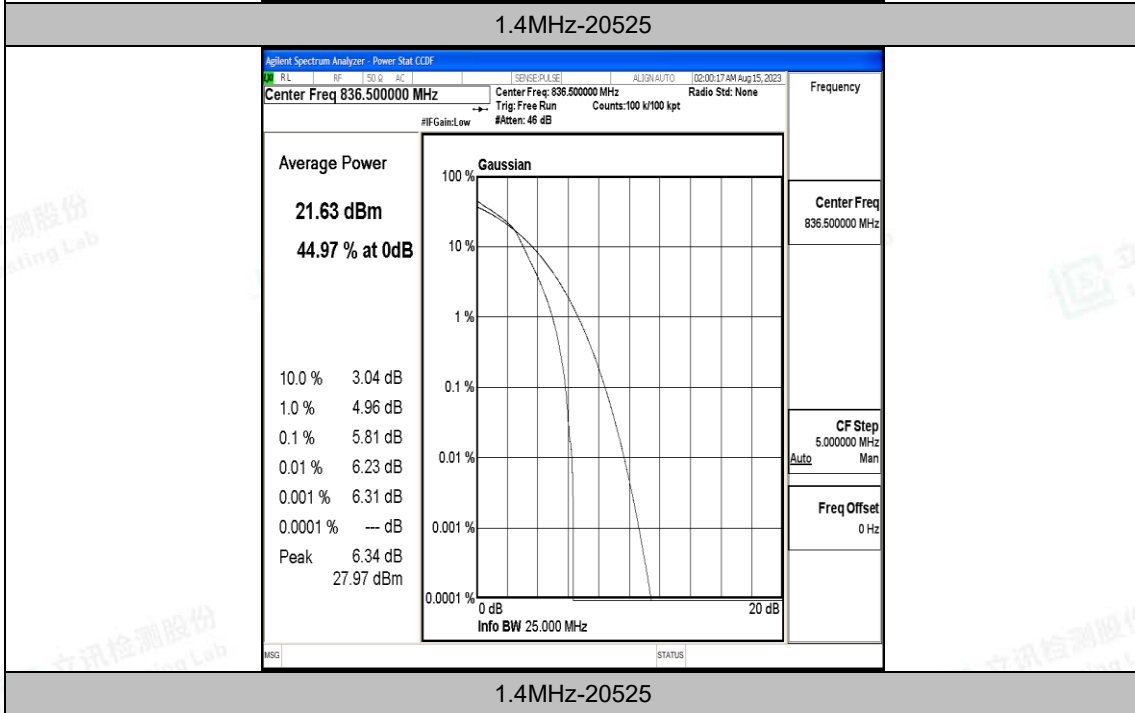
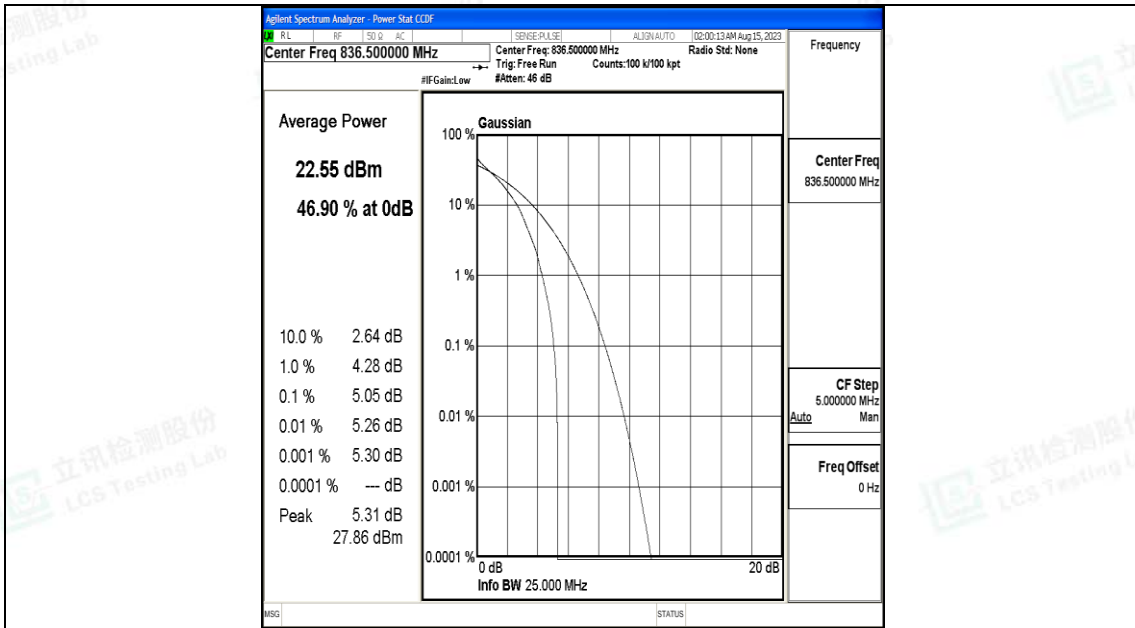


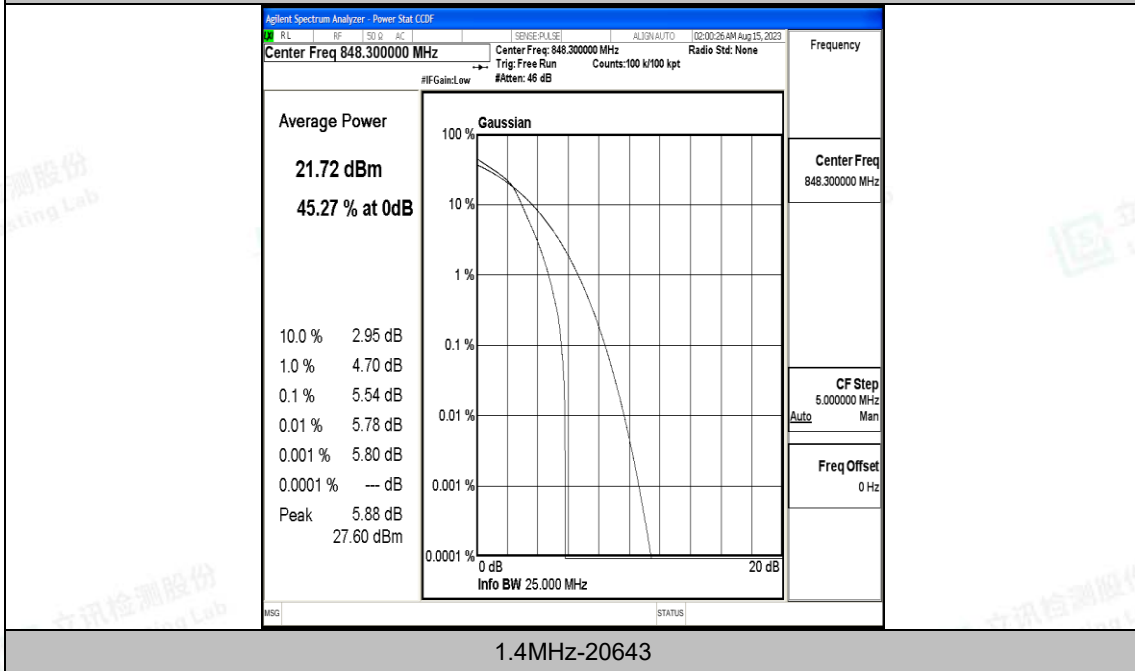
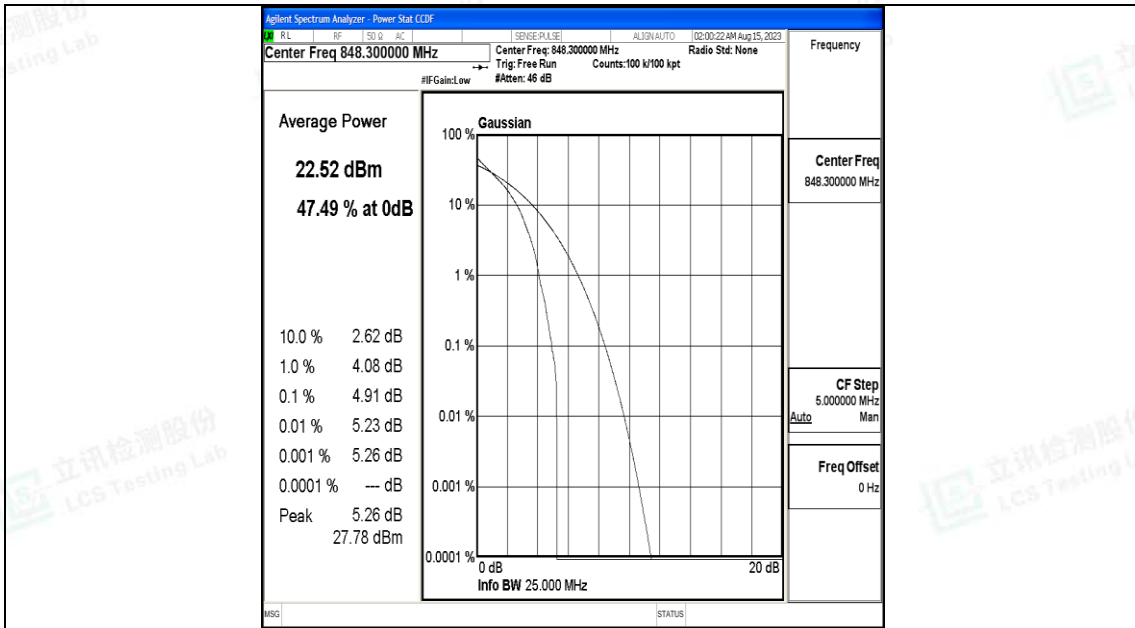


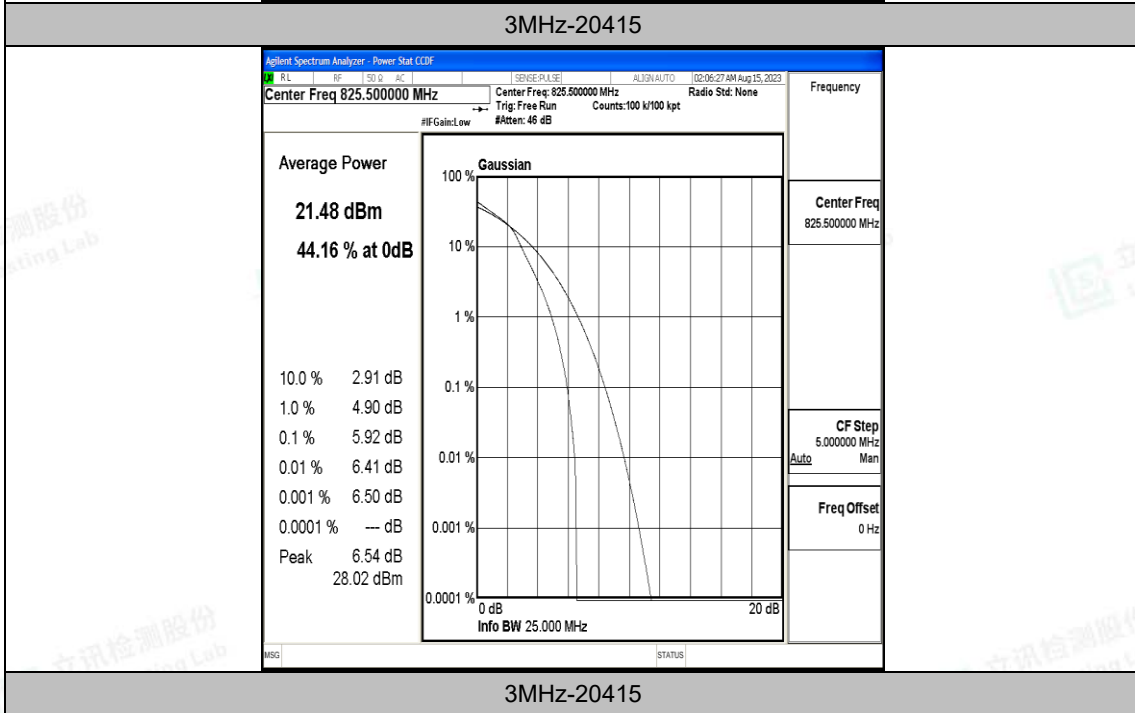
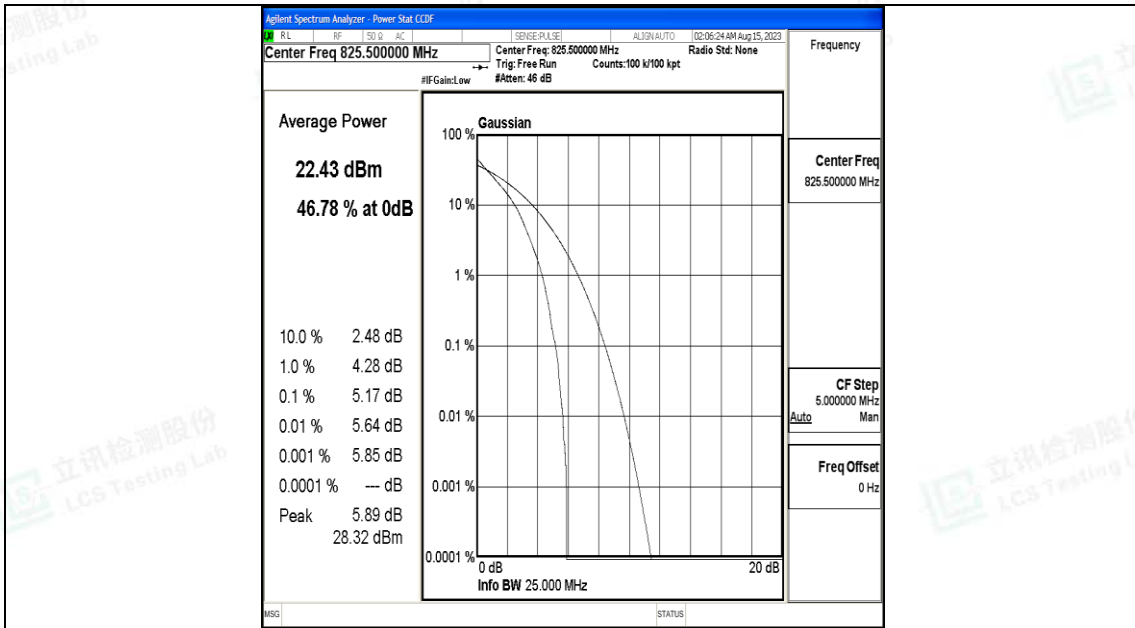
### Test Graphs

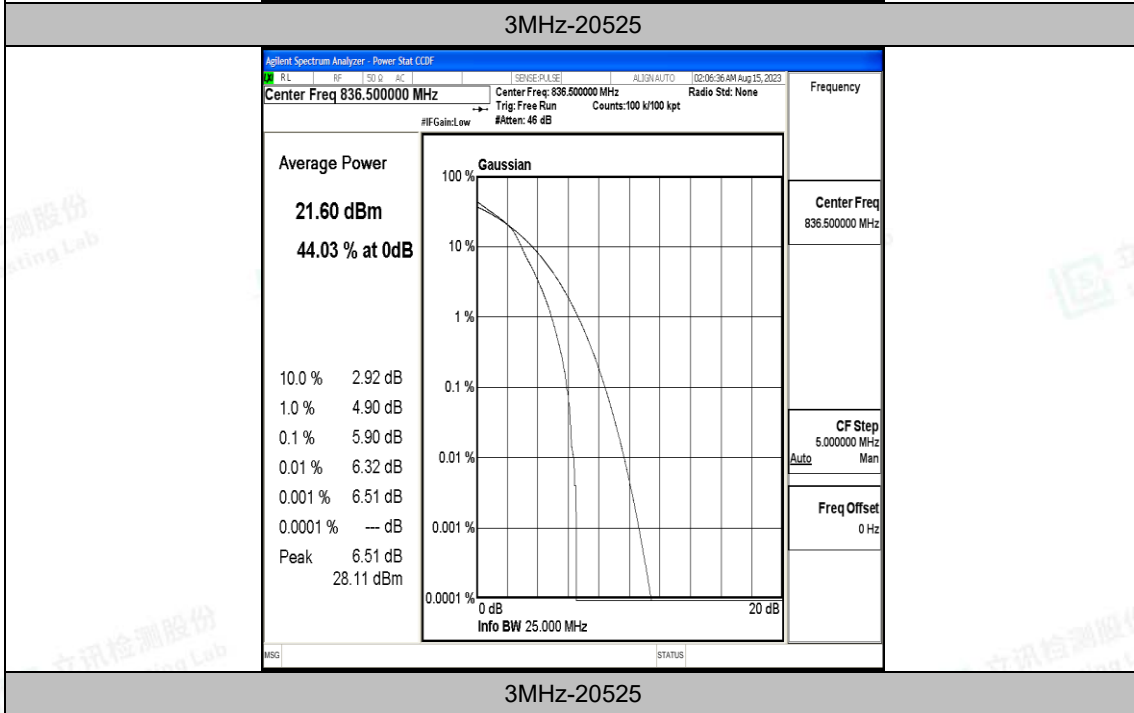
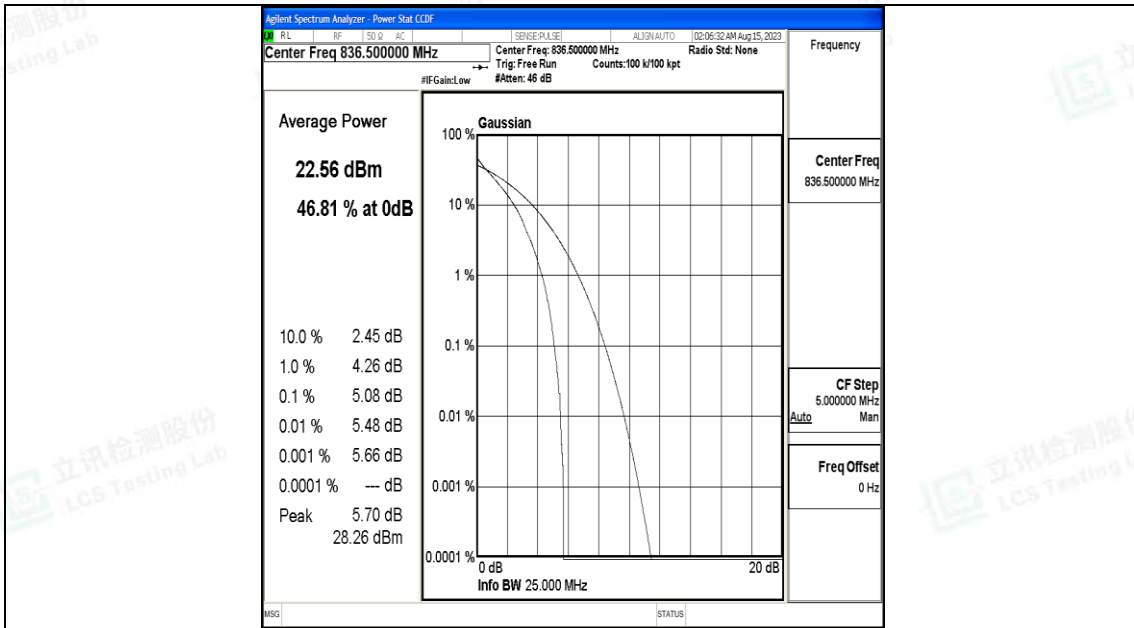


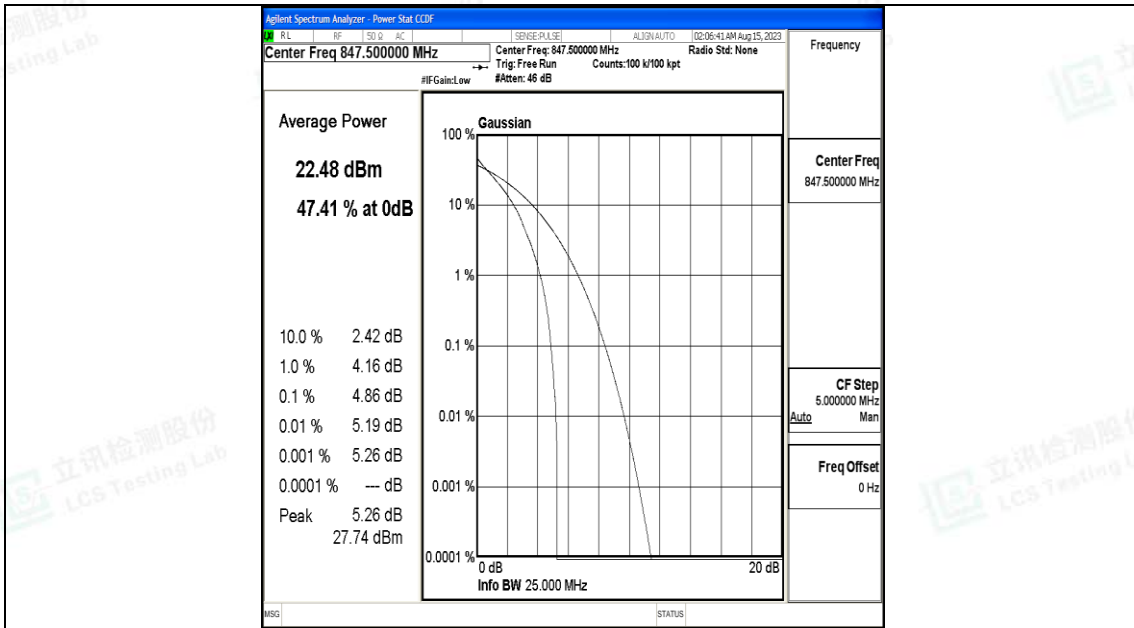




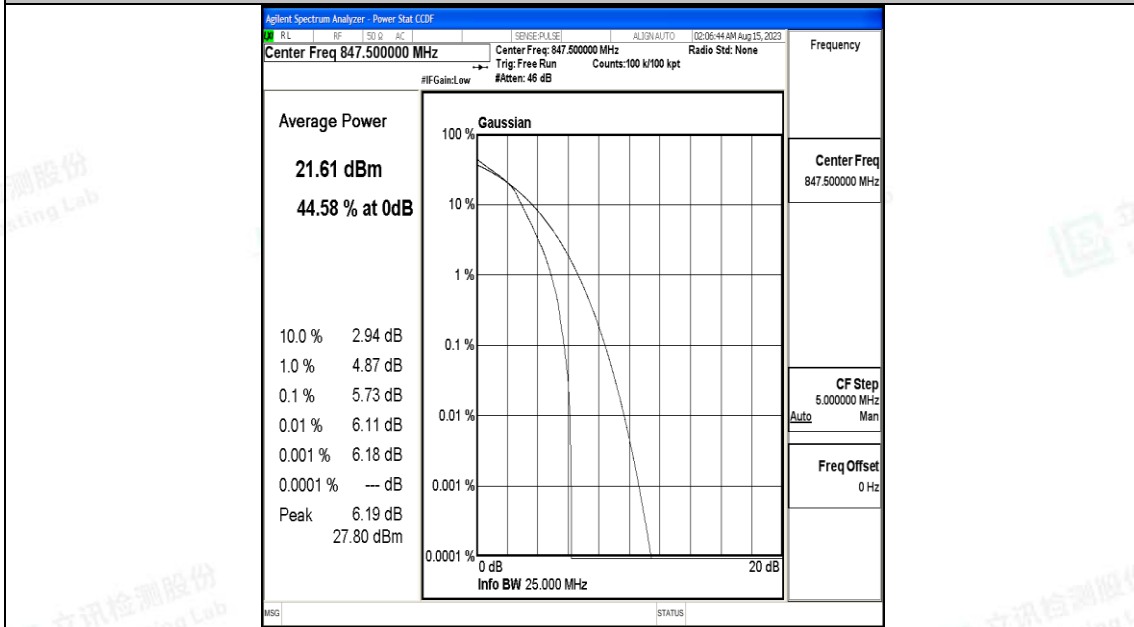






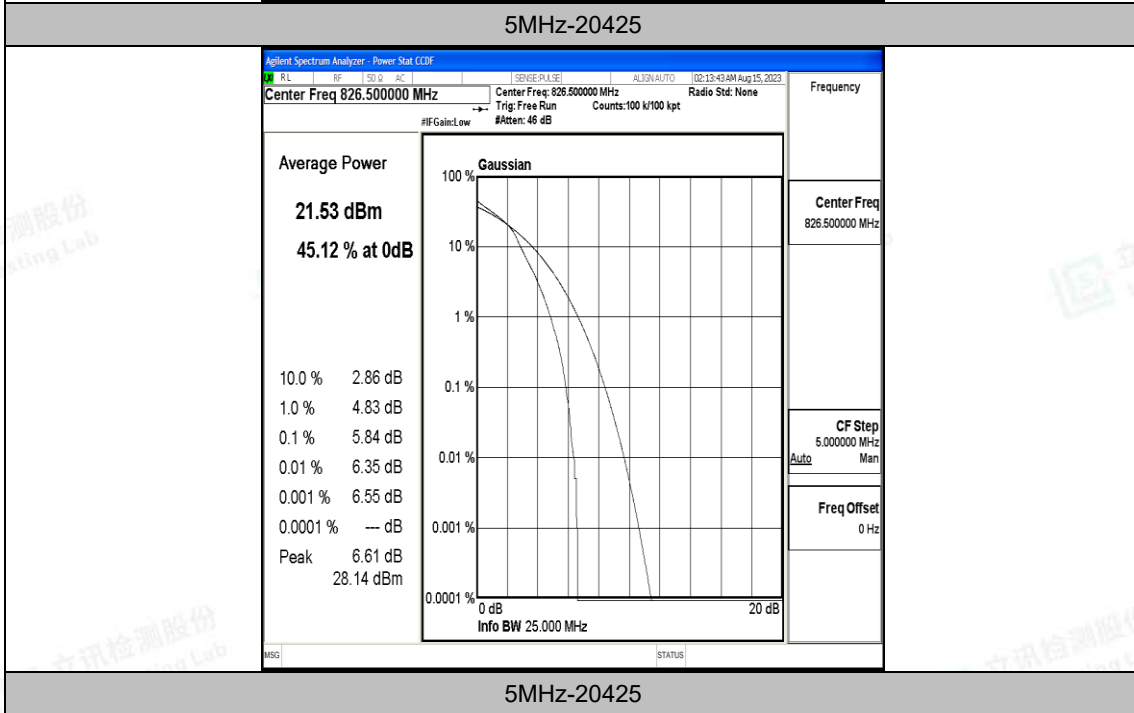
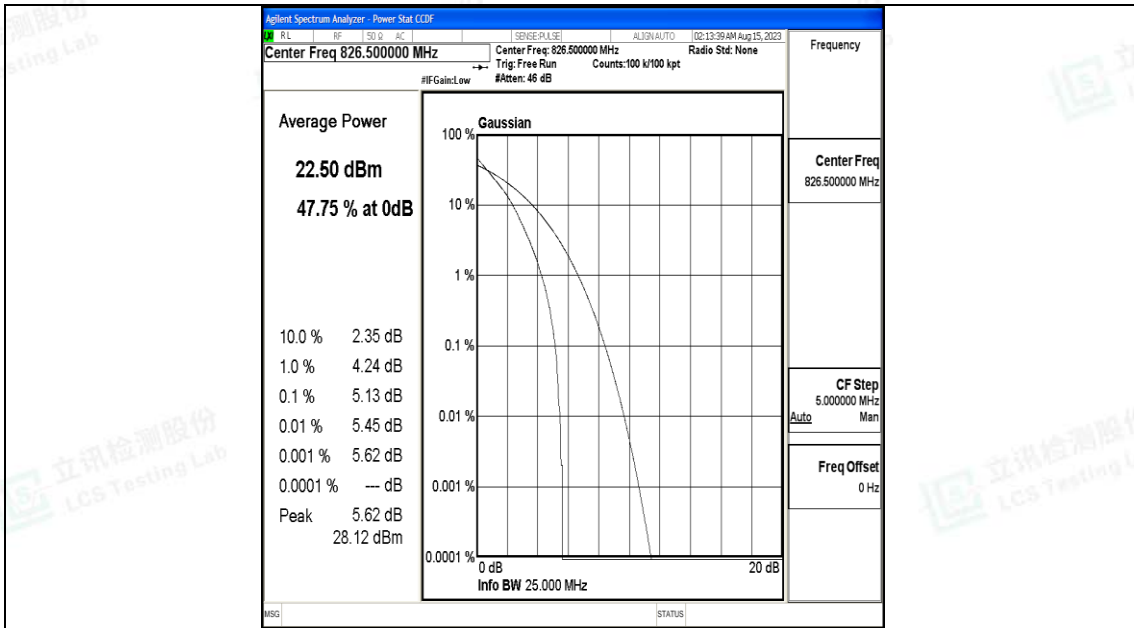


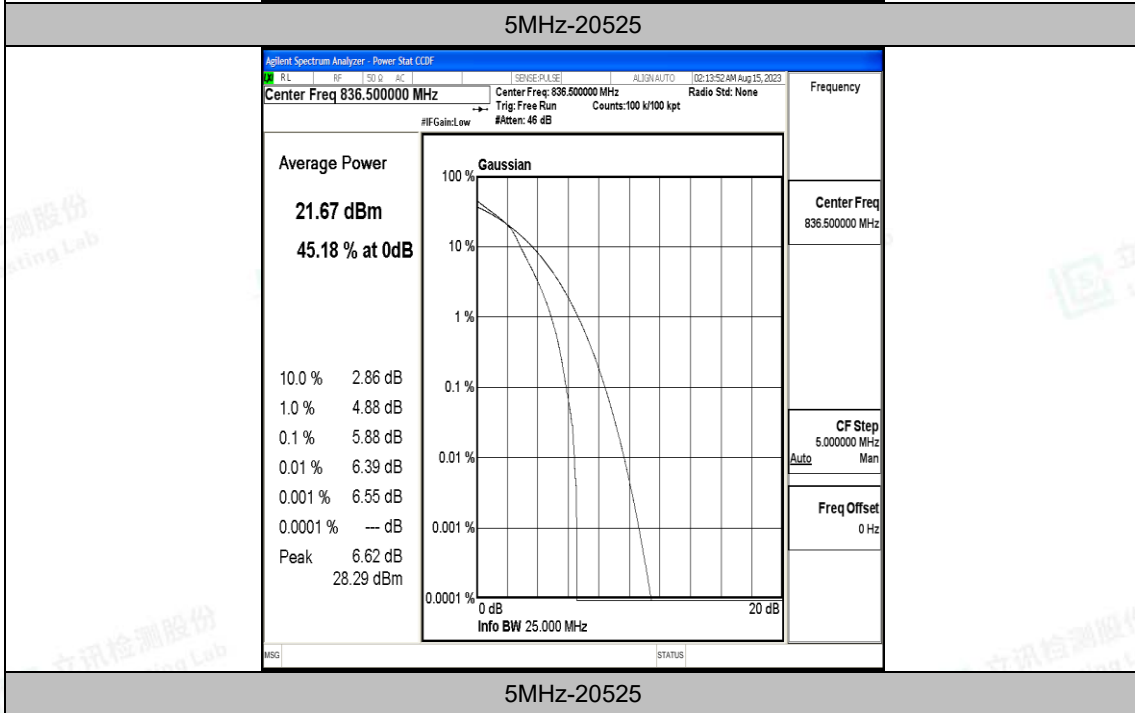
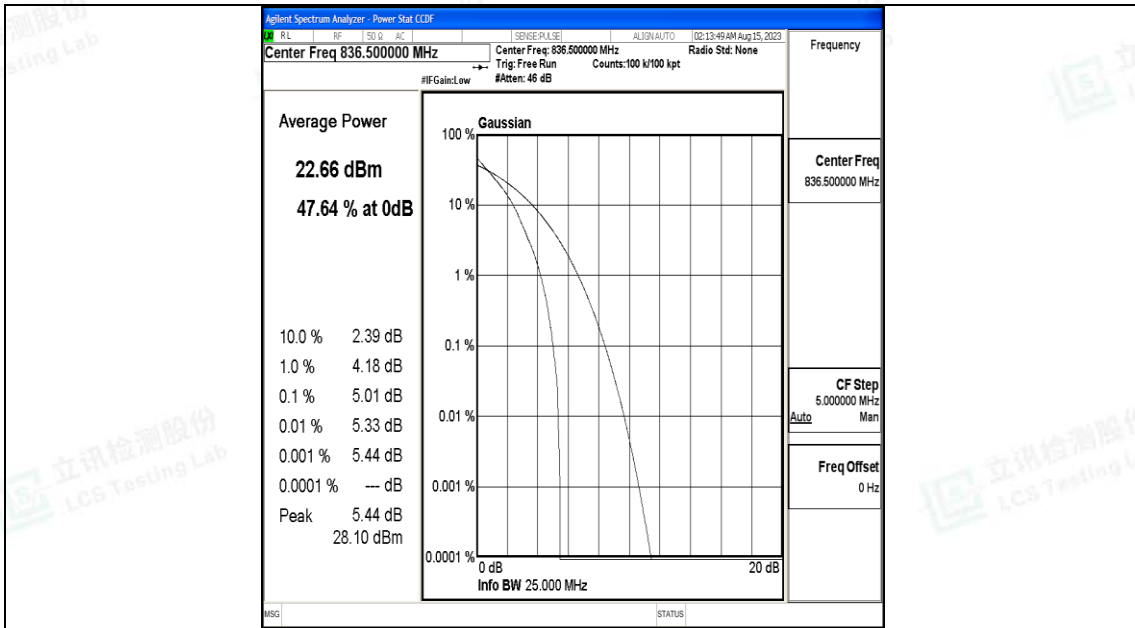
3MHz-20635

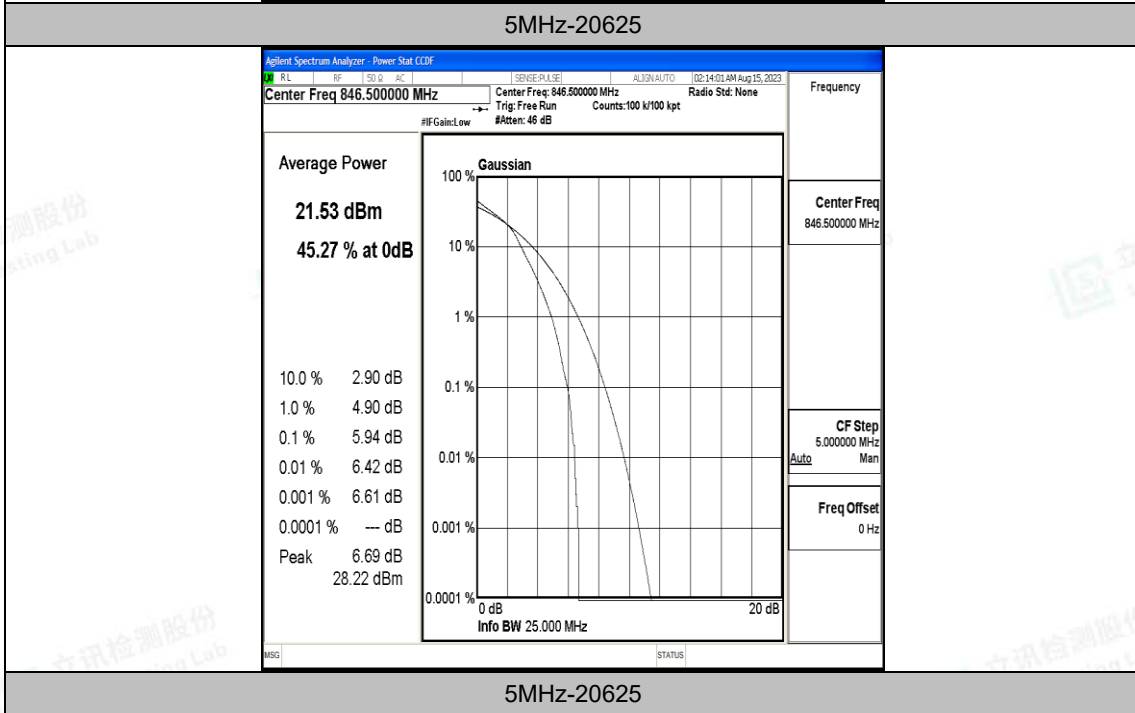
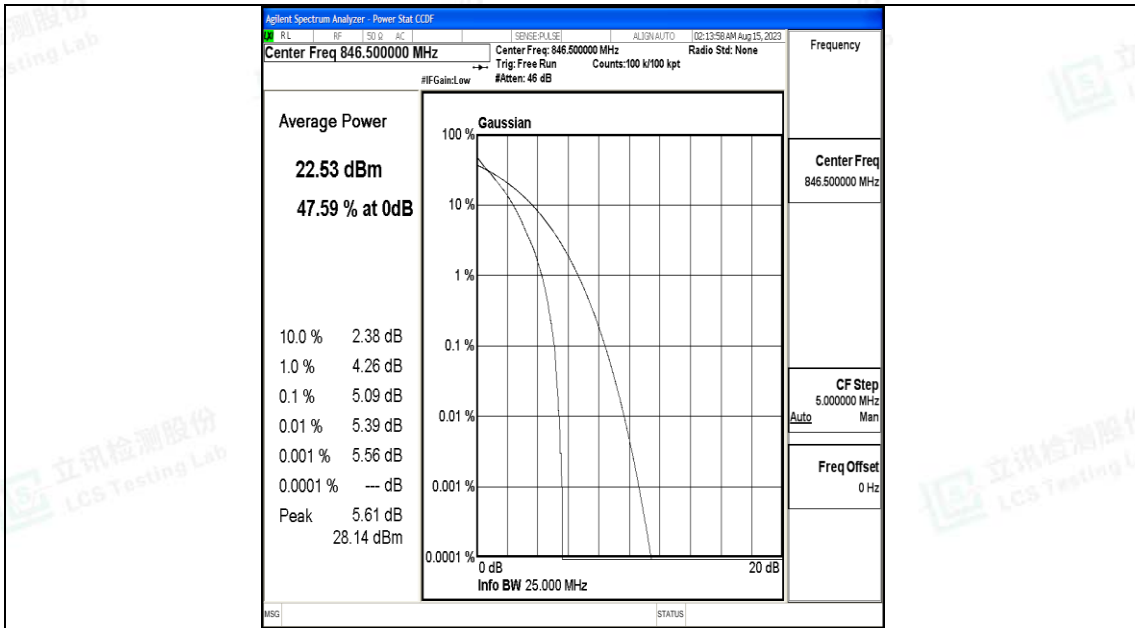


3MHz-20635

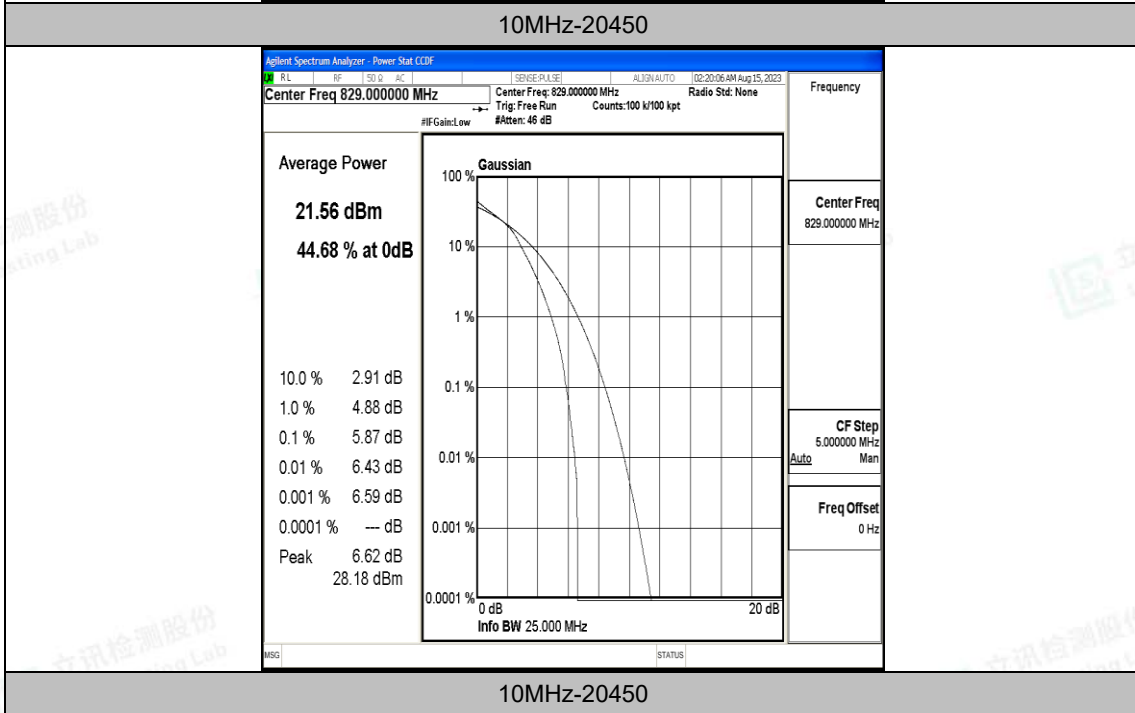
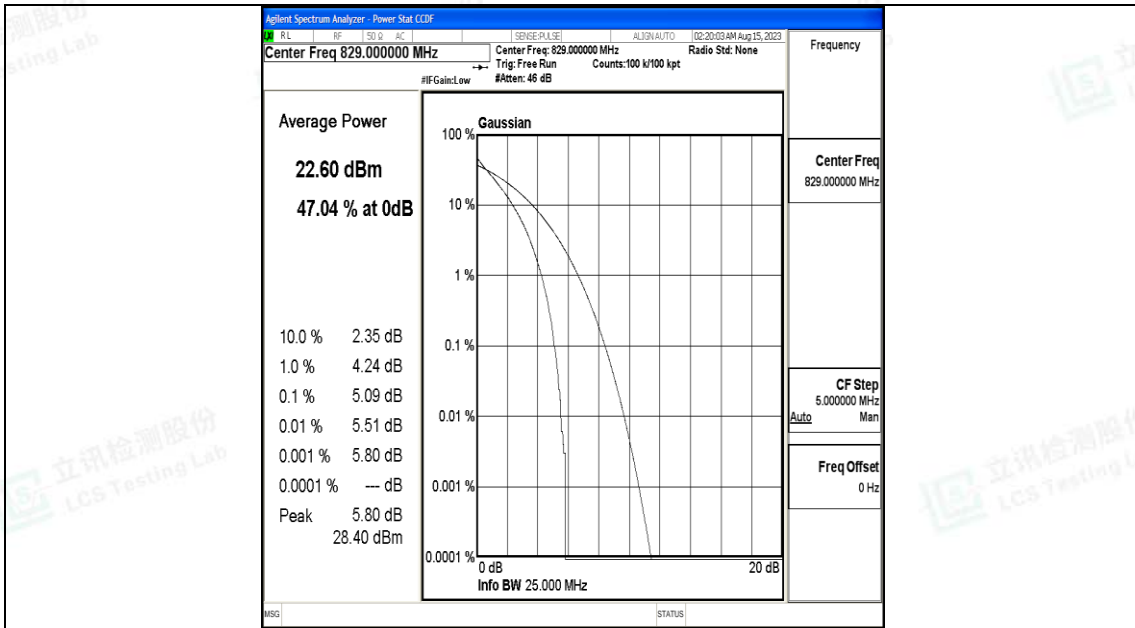


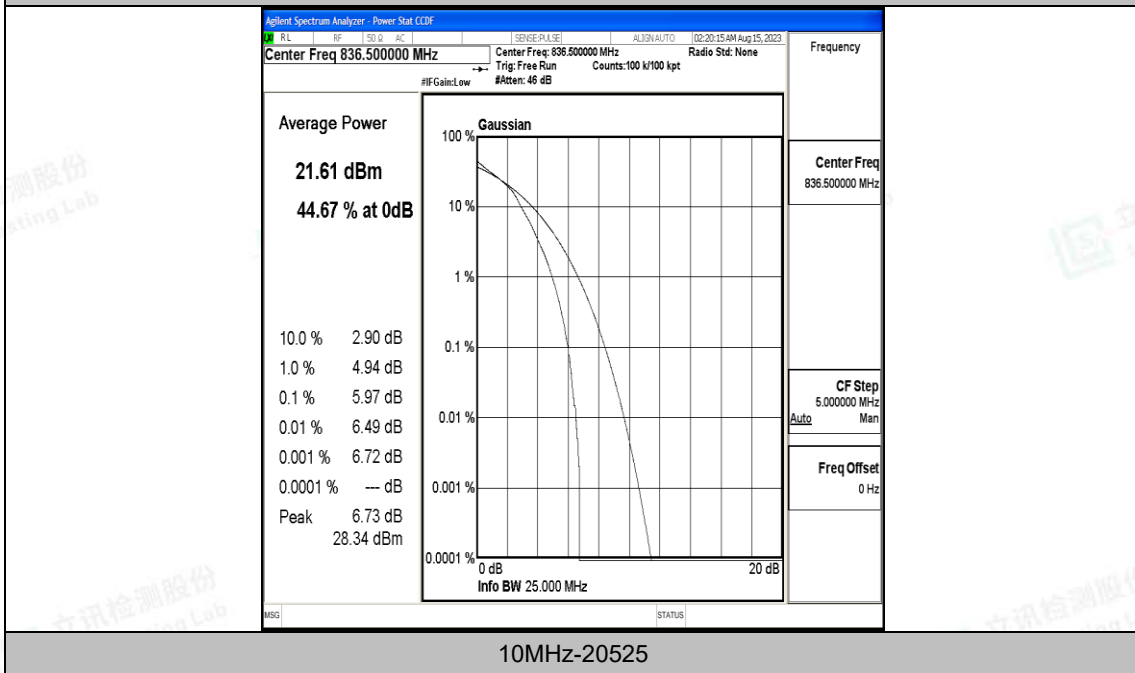
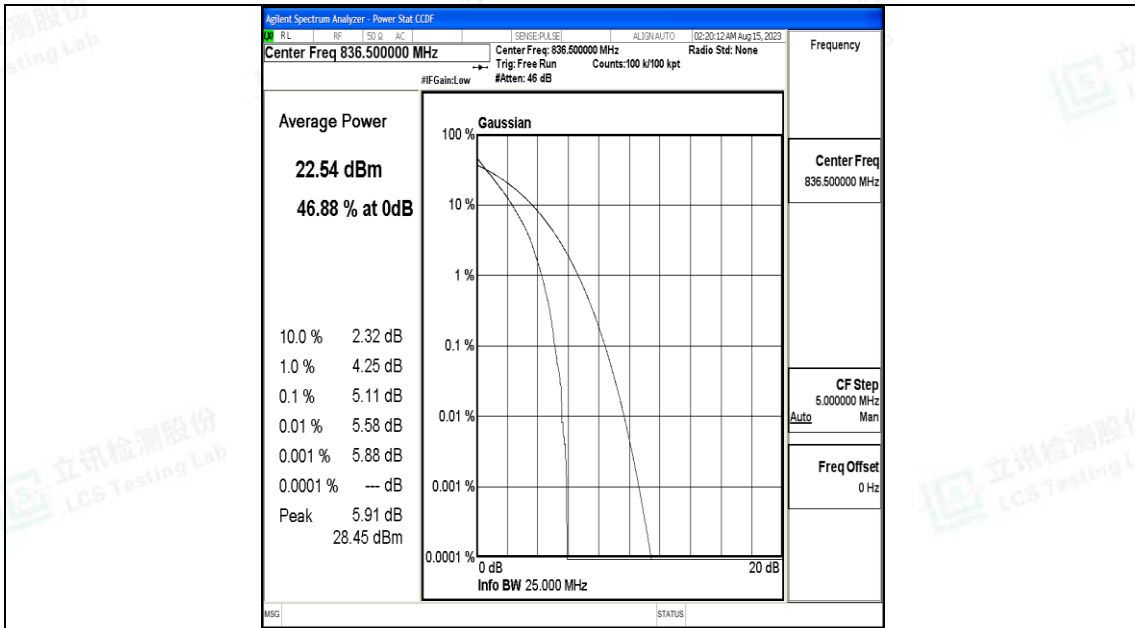


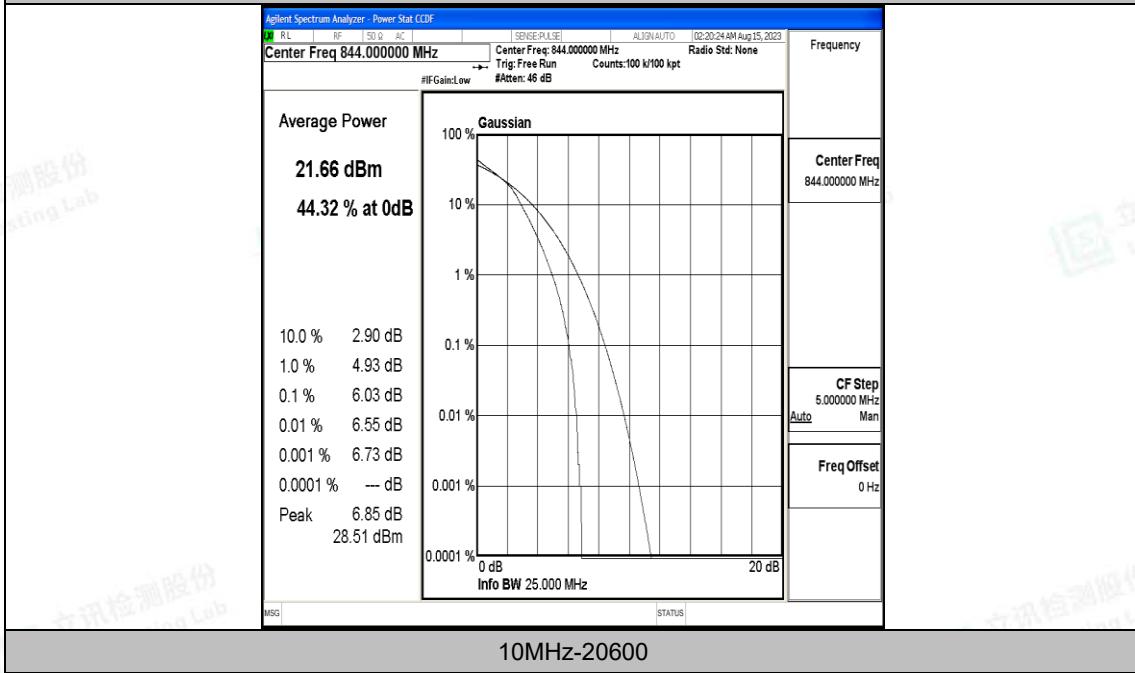
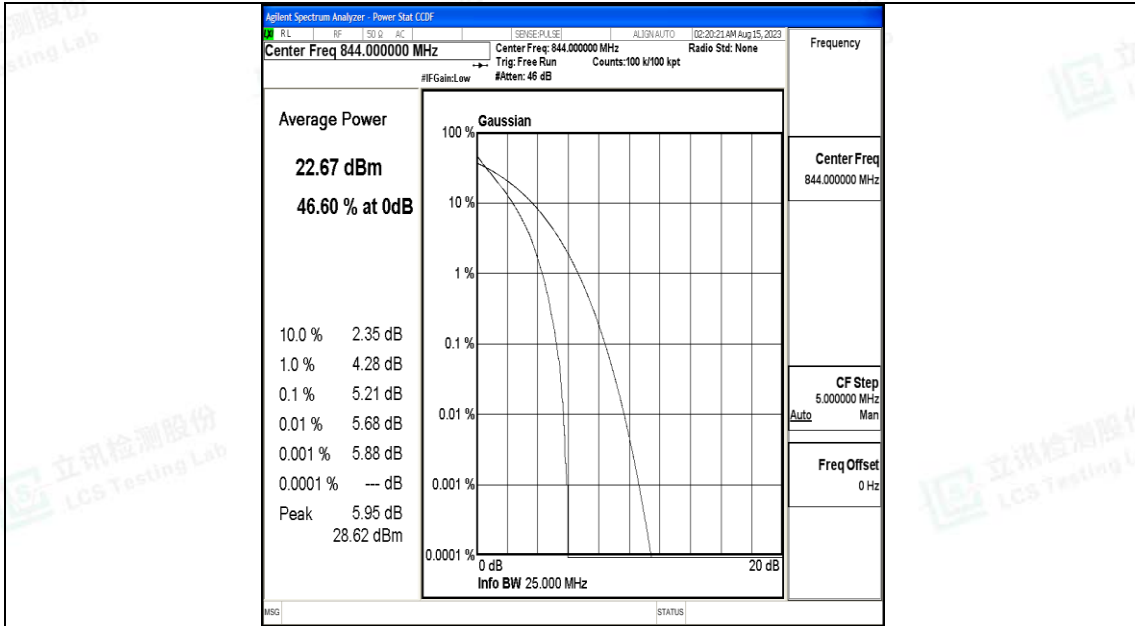














### H.3 26dB Bandwidth and Occupied Bandwidth

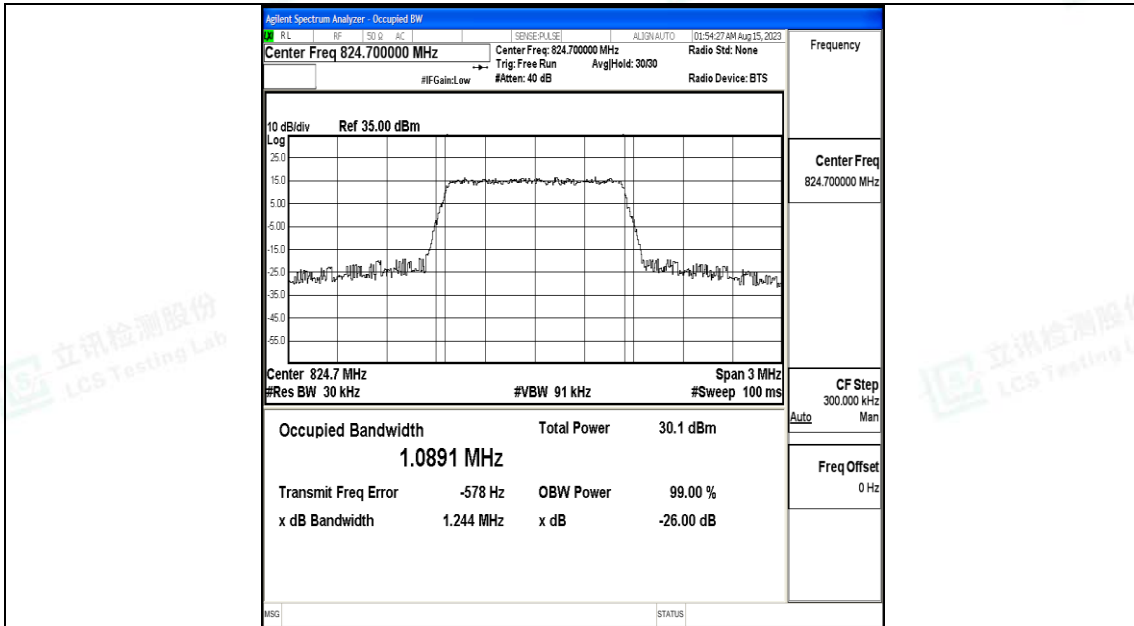
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0891	1.244	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1008	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0942	1.250	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0938	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0948	1.256	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0921	1.244	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7064	3.002	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7200	3.034	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7055	3.012	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7091	3.041	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7070	3.022	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7031	3.008	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5113	4.981	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5121	4.970	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4997	4.974	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5347	4.966	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5045	4.998	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5071	4.975	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0001	9.940	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9900	9.917	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9991	9.932	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9782	10.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9914	9.860	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9818	9.984	PASS

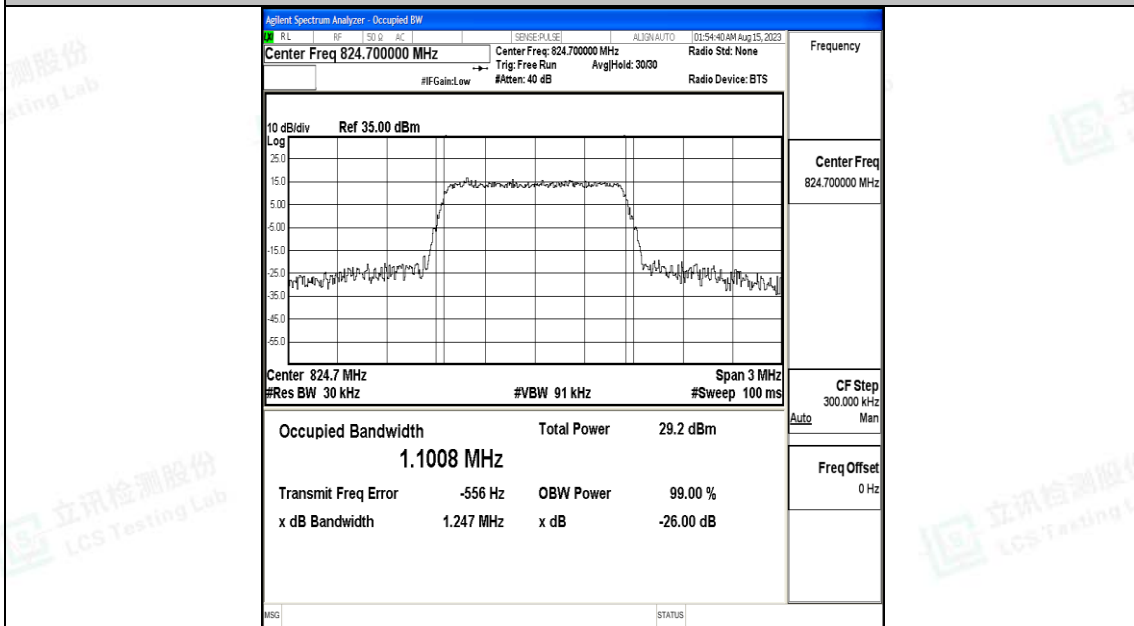




### Test Graphs

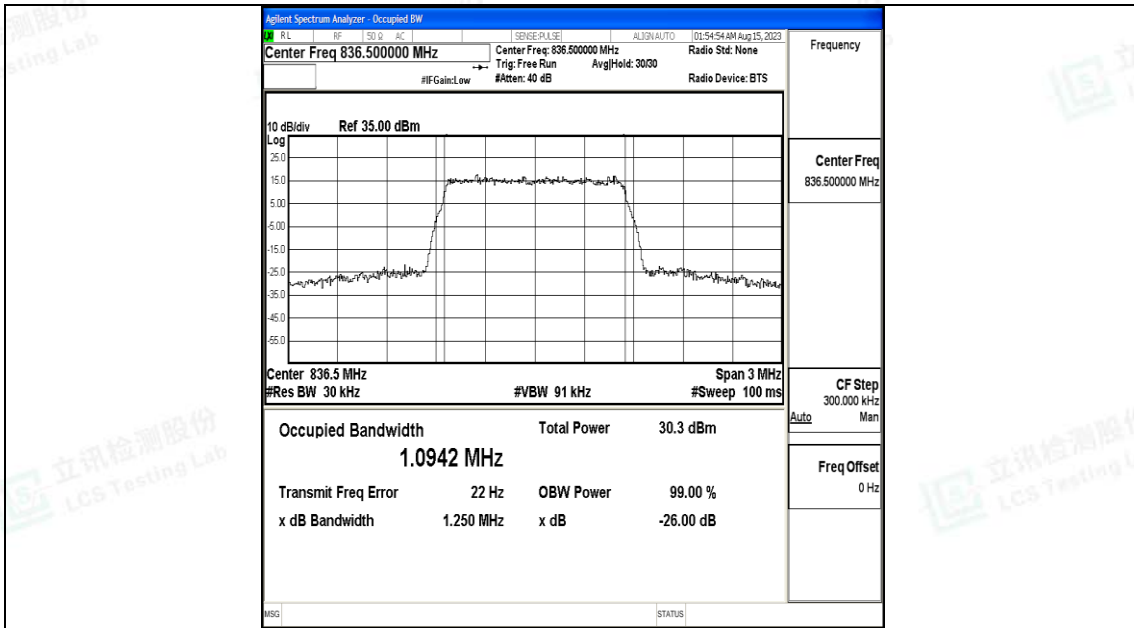


1.4MHz-20407

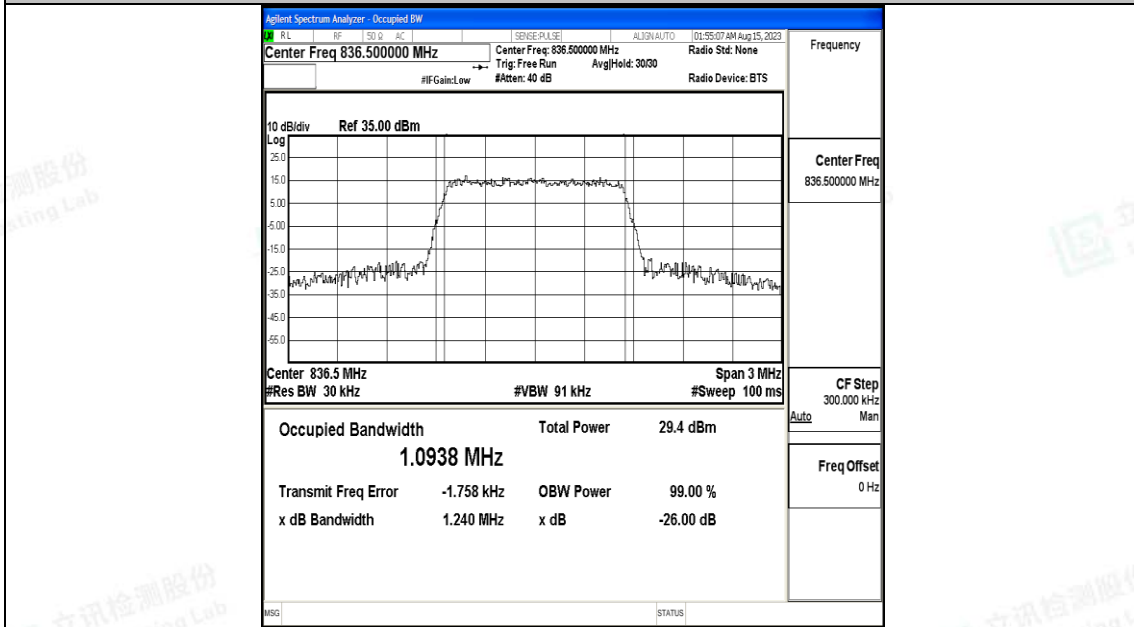


1.4MHz-20407



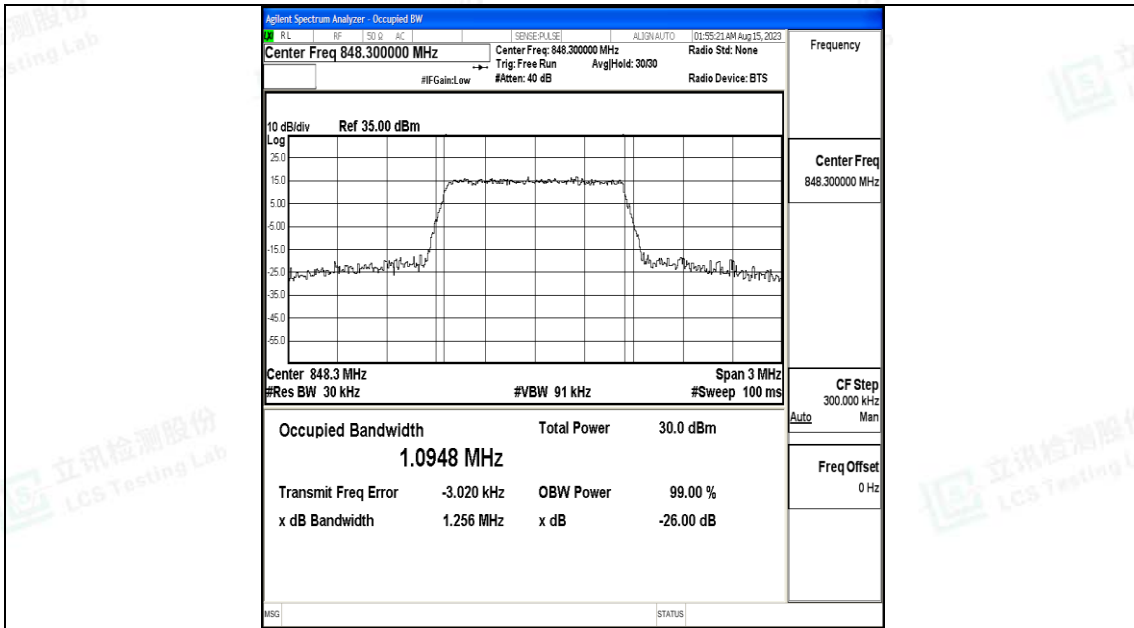


1.4MHz-20525

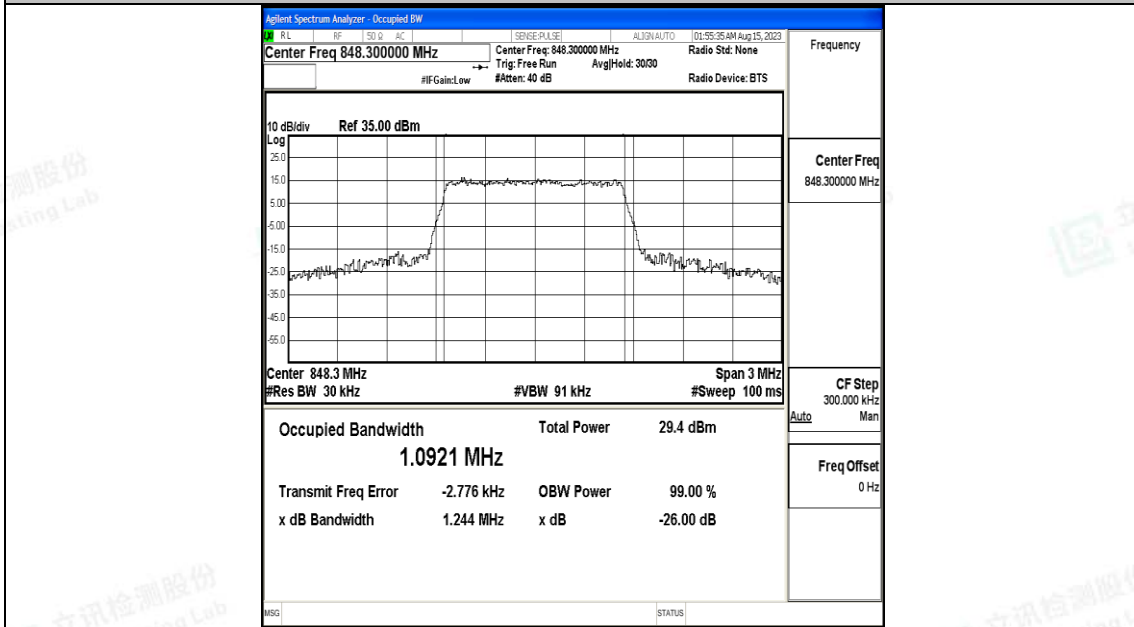


1.4MHz-20525



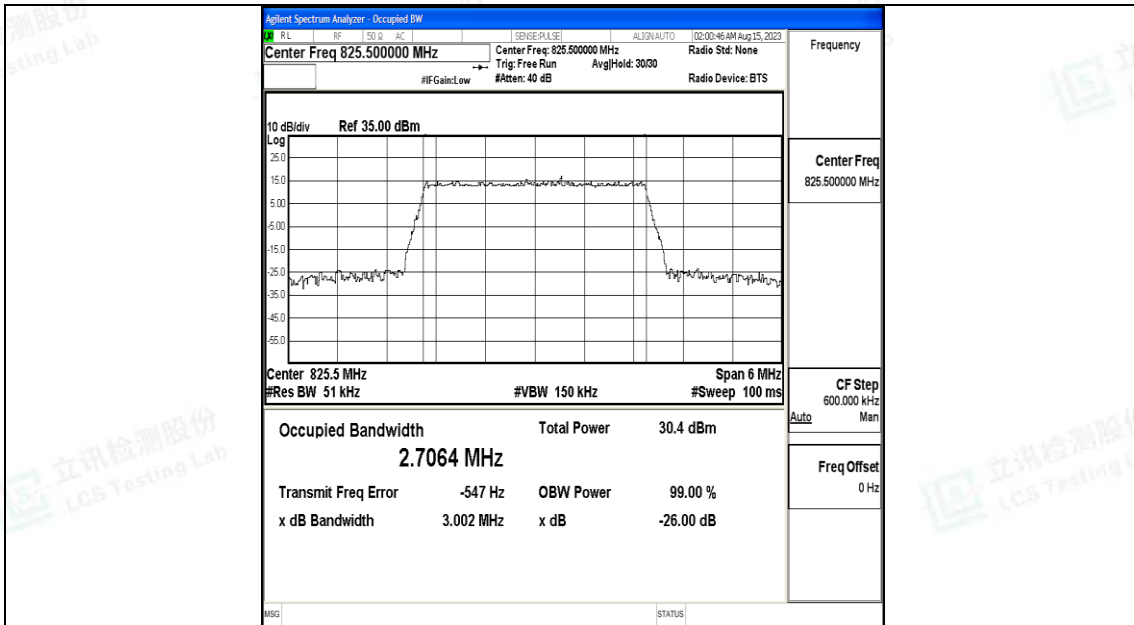


1.4MHz-20643

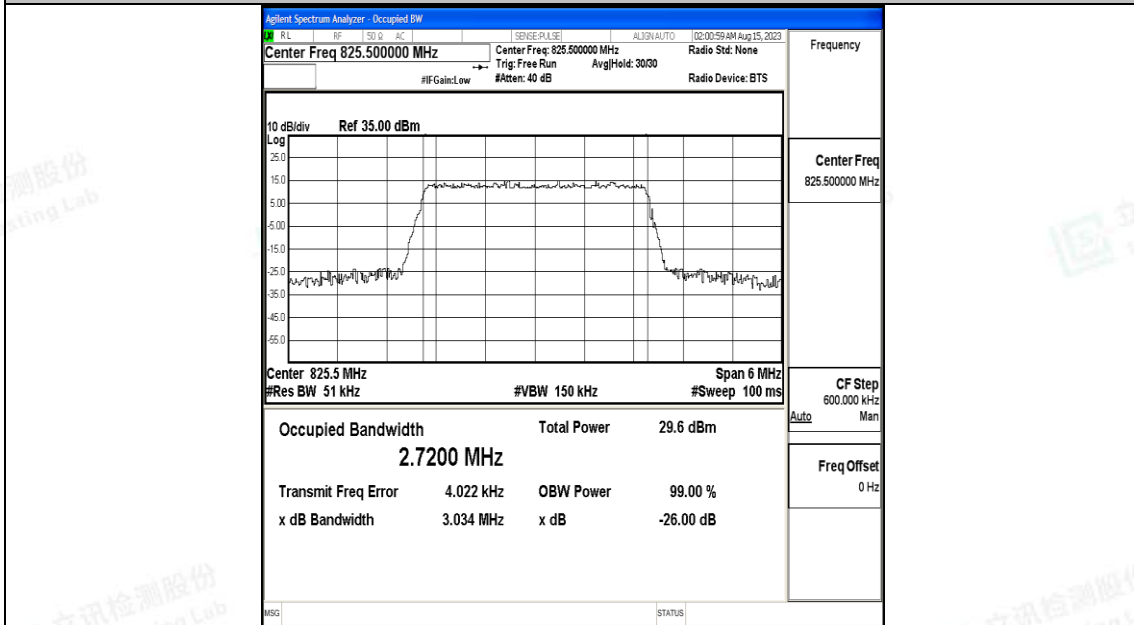


1.4MHz-20643





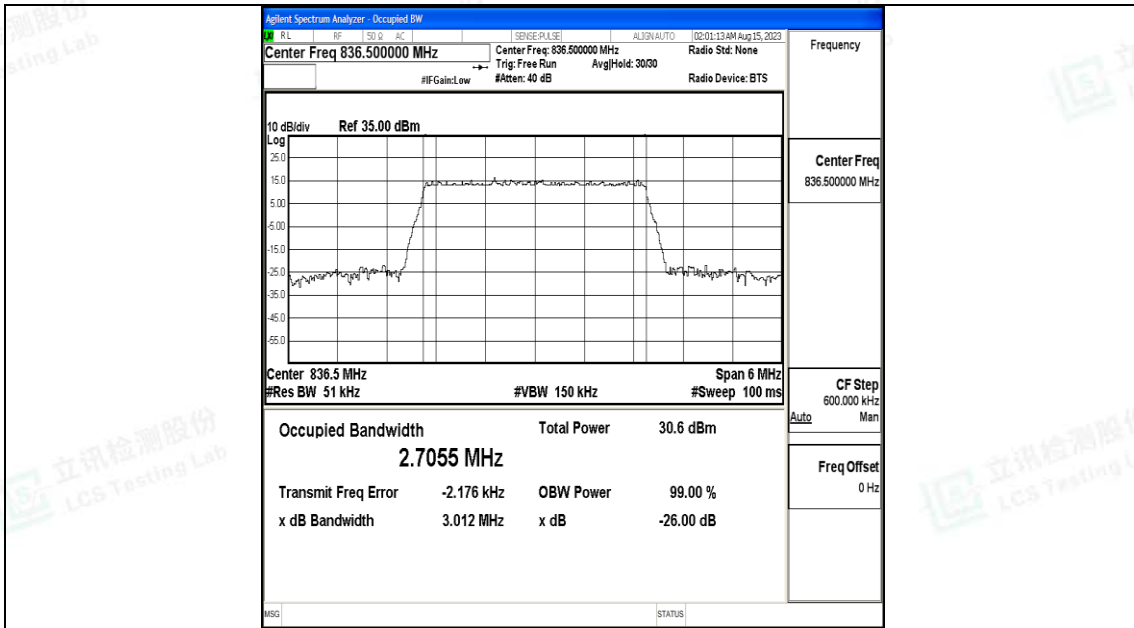
3MHz-20415



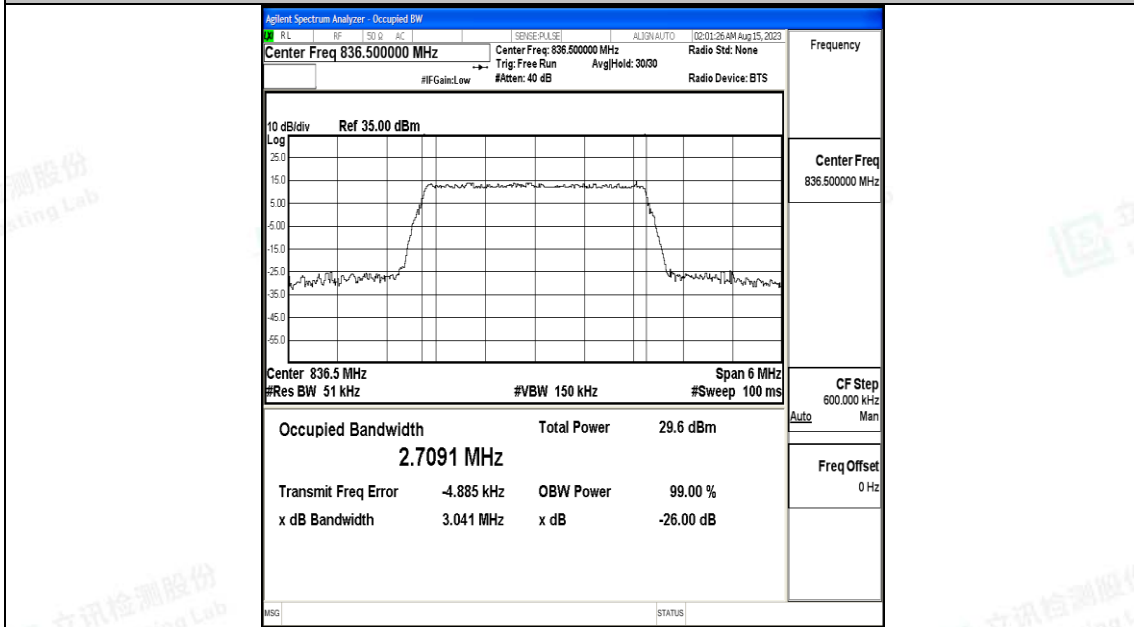
3MHz-20415





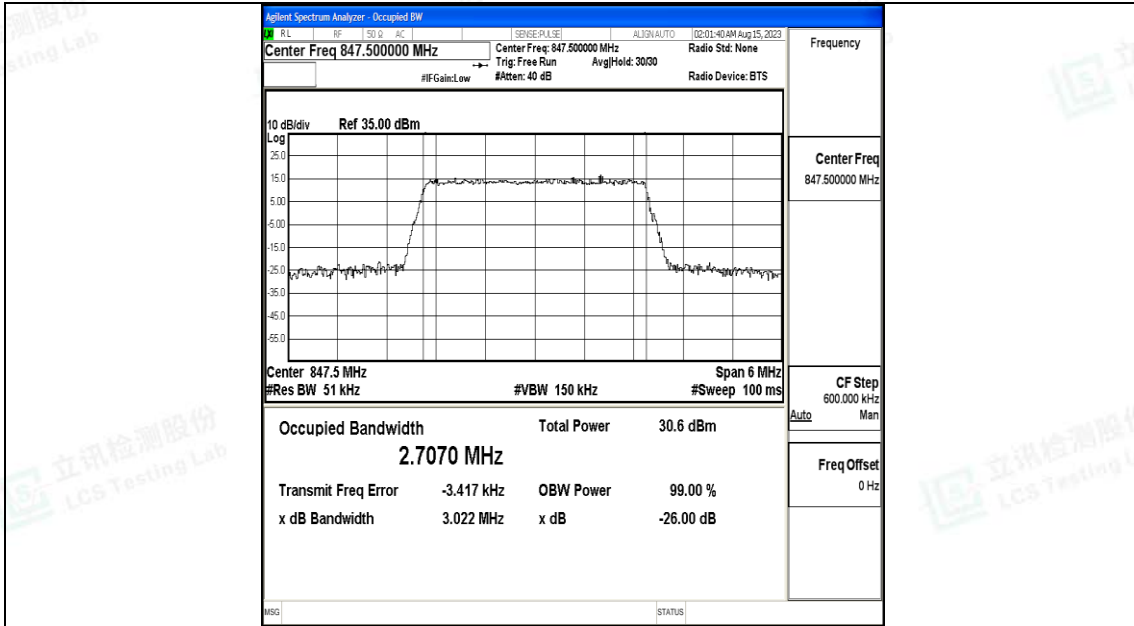


3MHz-20525

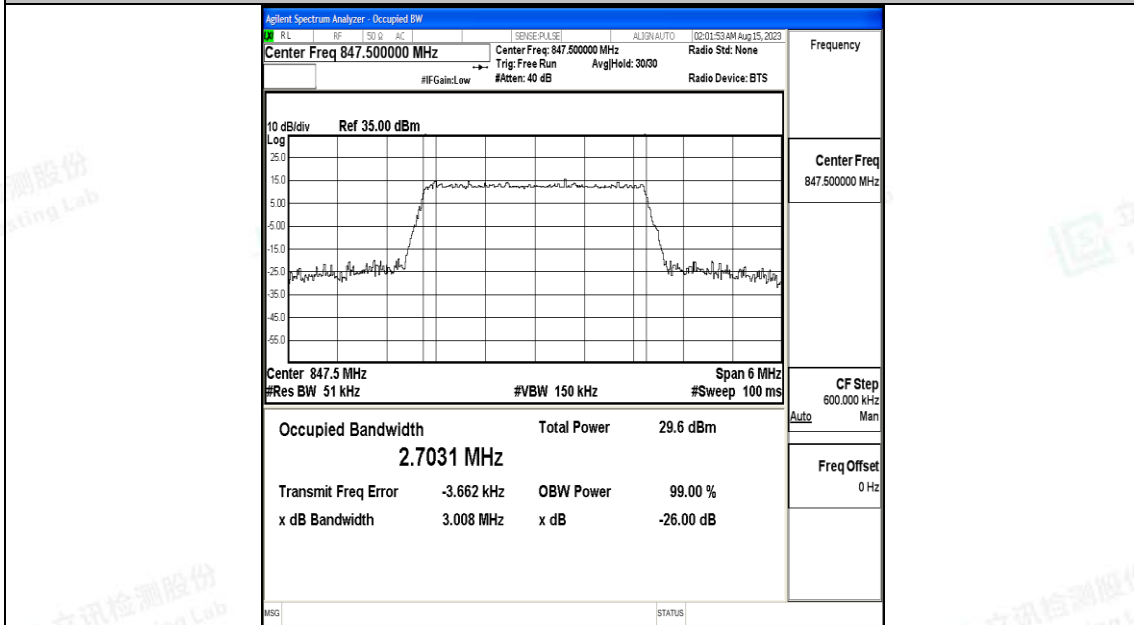


3MHz-20525



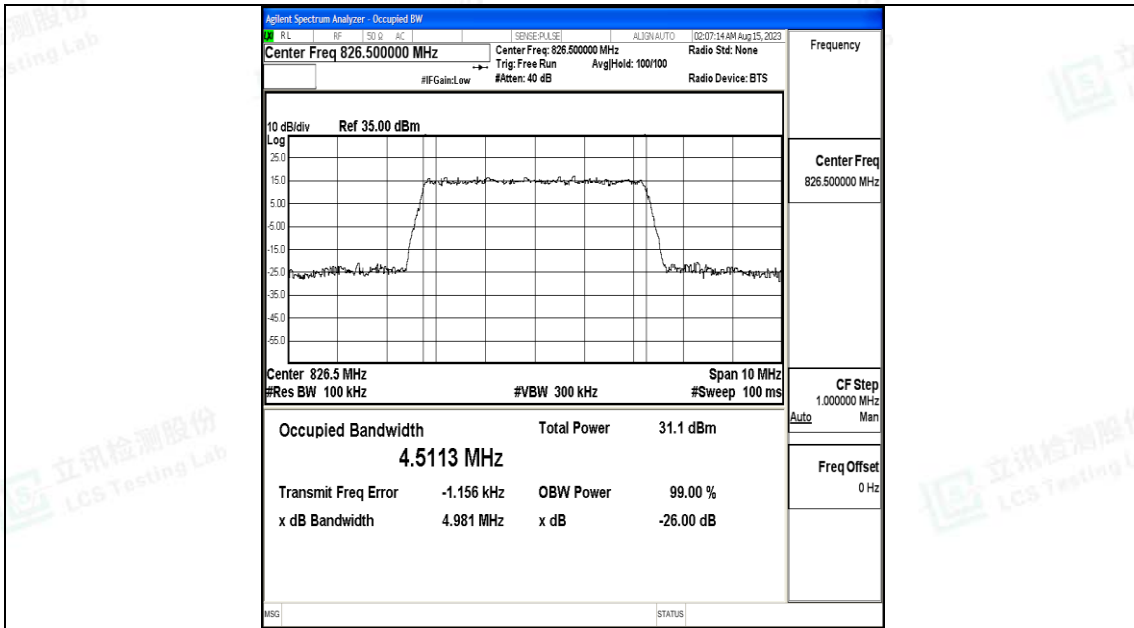


3MHz-20635

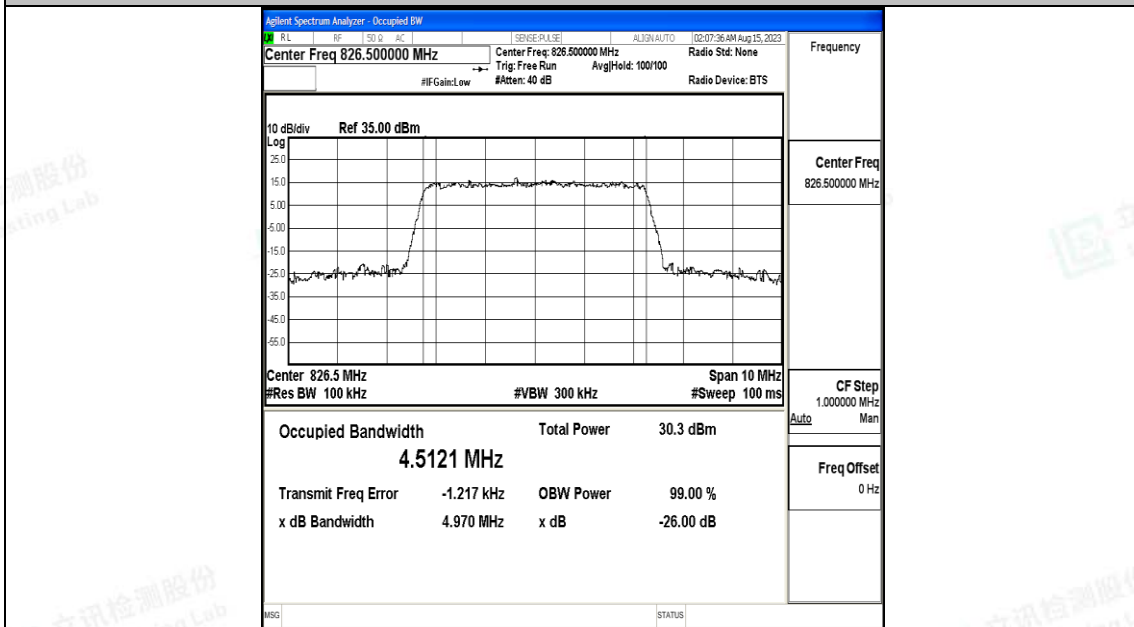


3MHz-20635



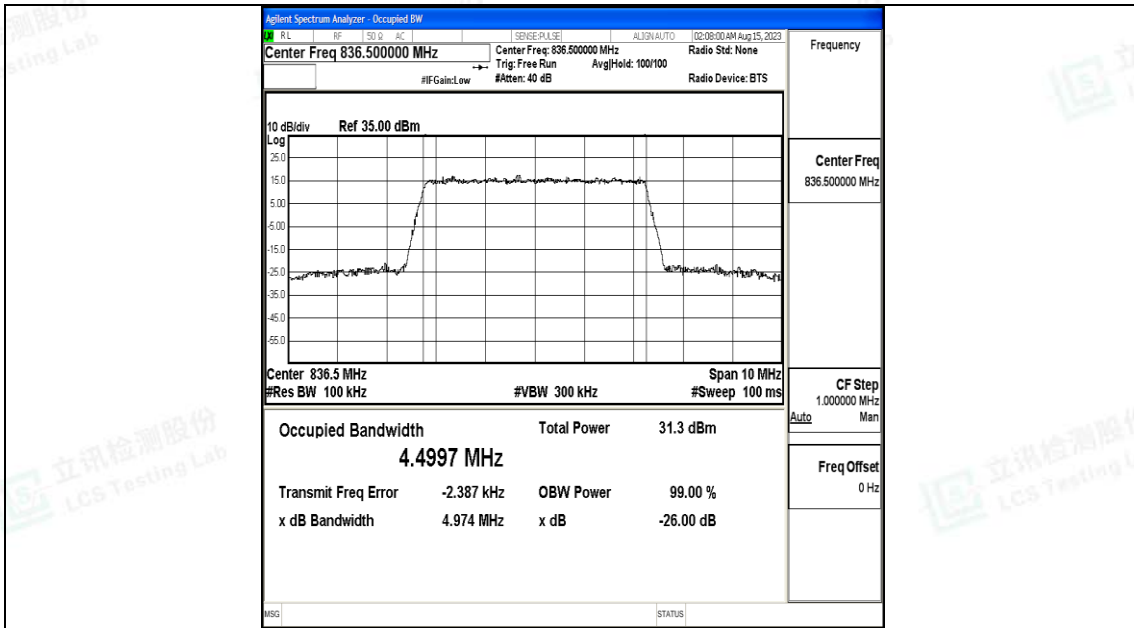


5MHz-20425

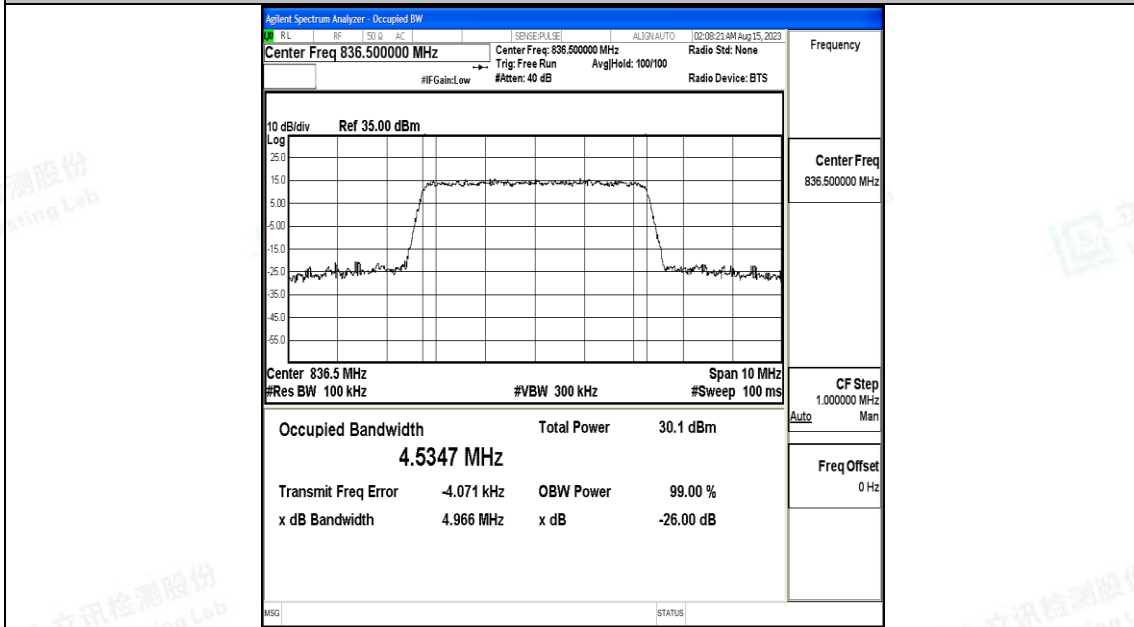


5MHz-20425



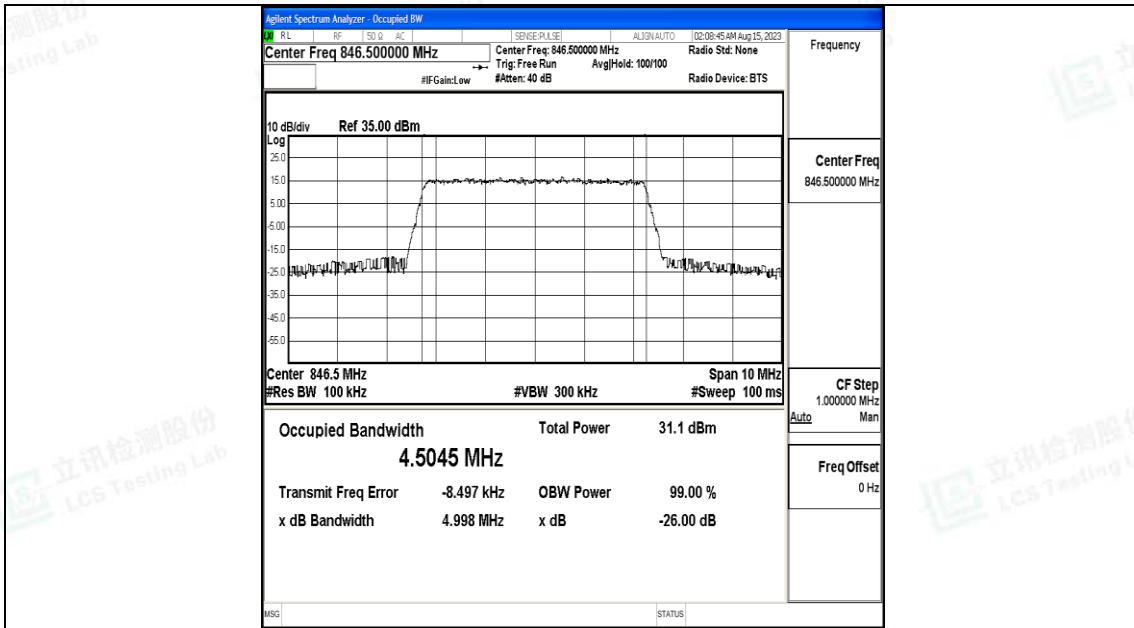


5MHz-20525

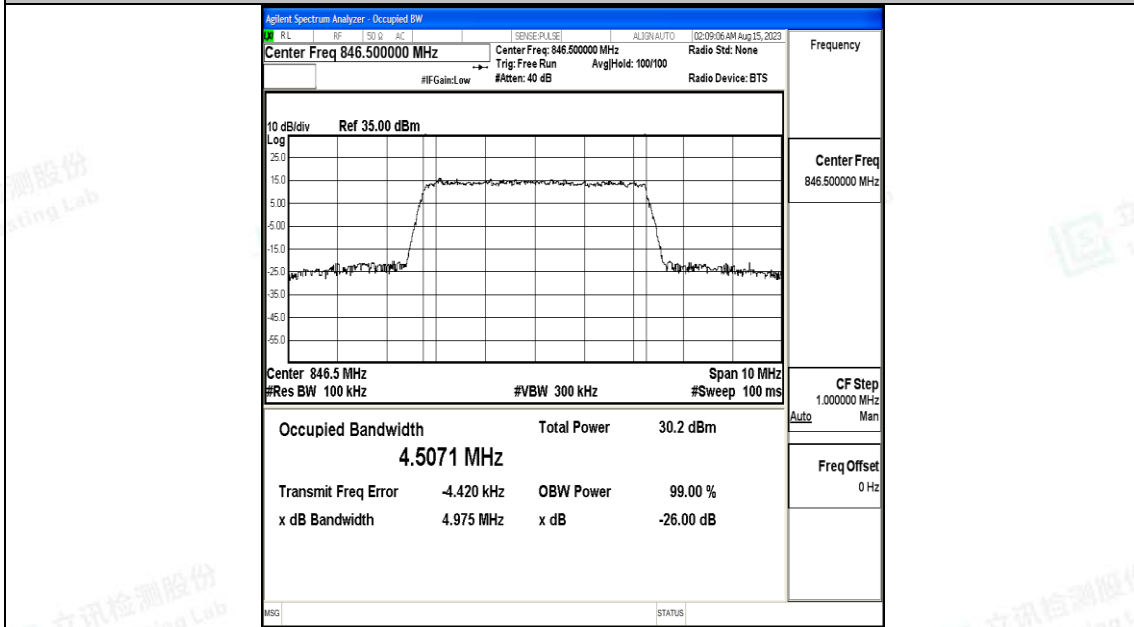


5MHz-20525



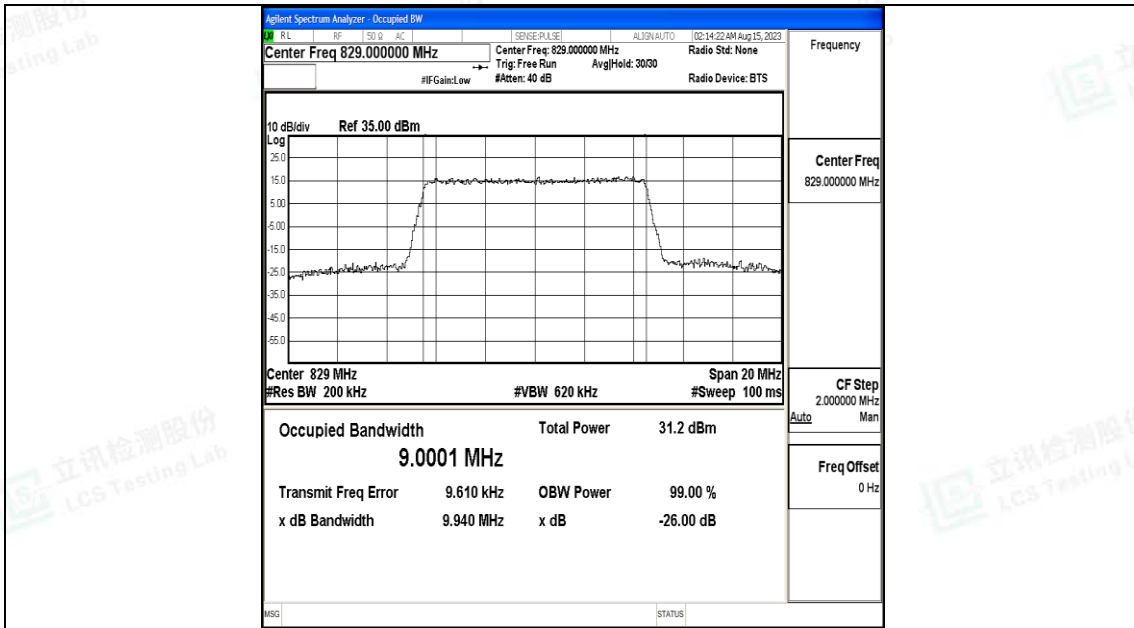


5MHz-20625

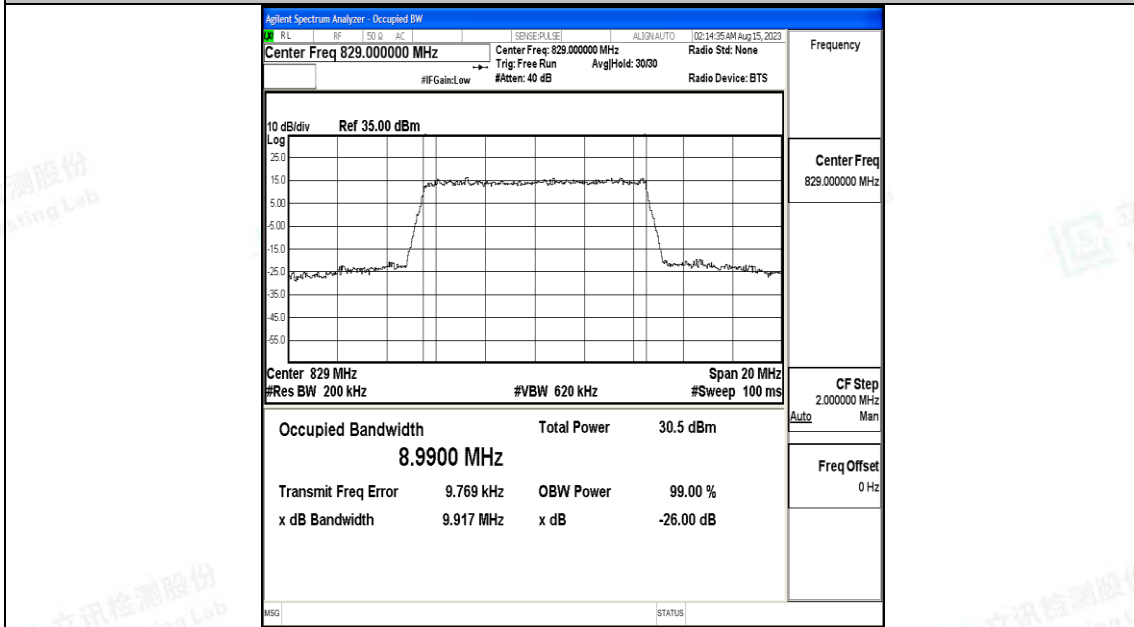


5MHz-20625



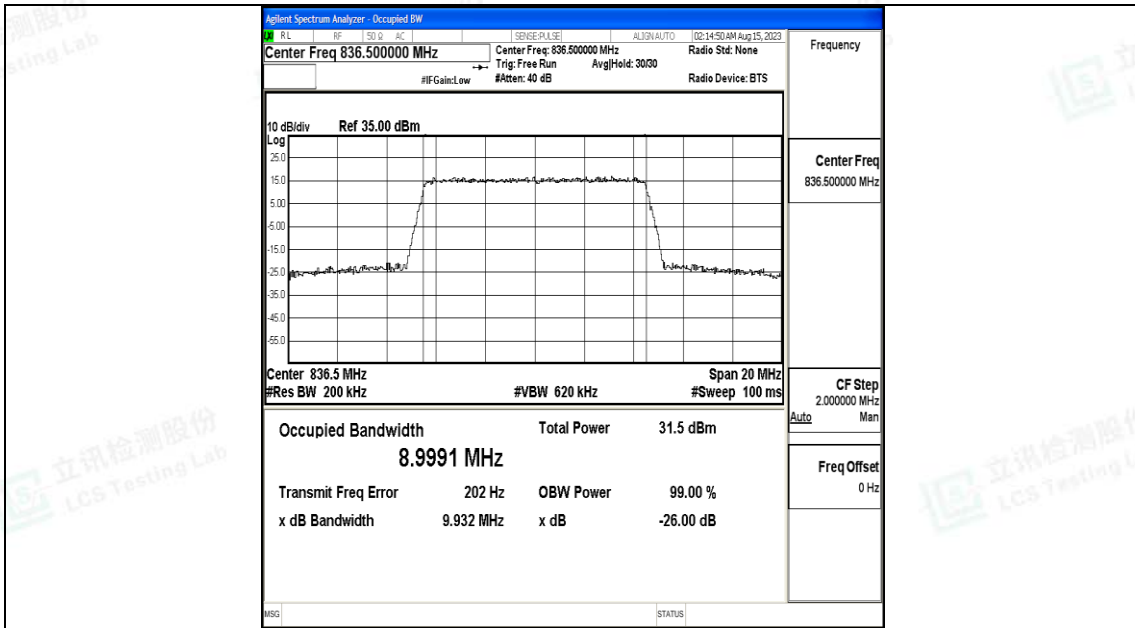


10MHz-20450

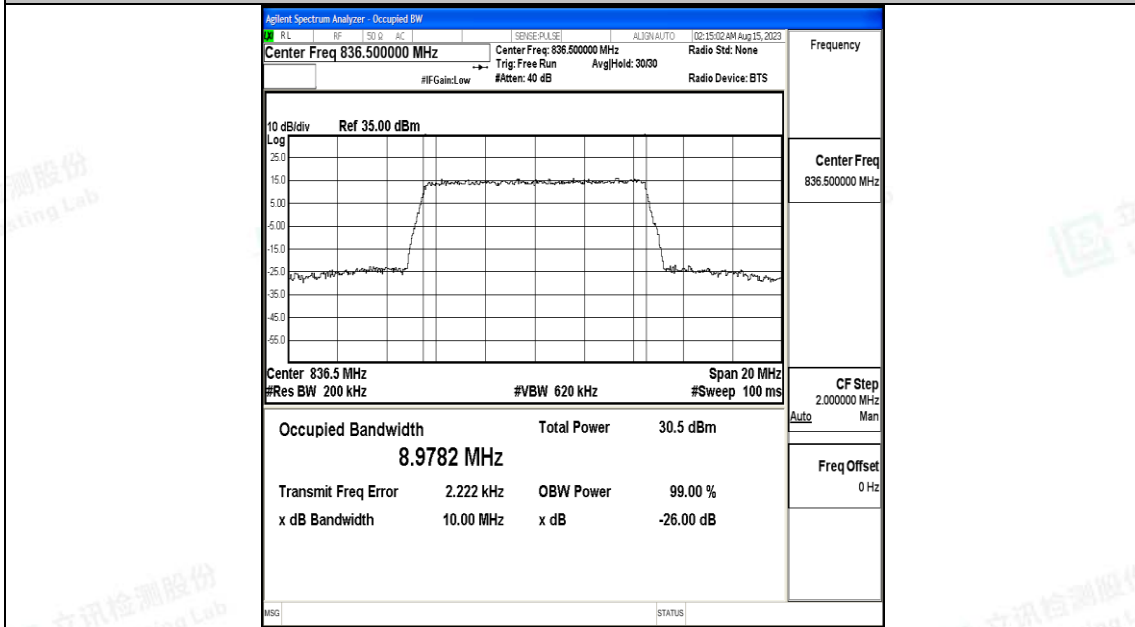


10MHz-20450



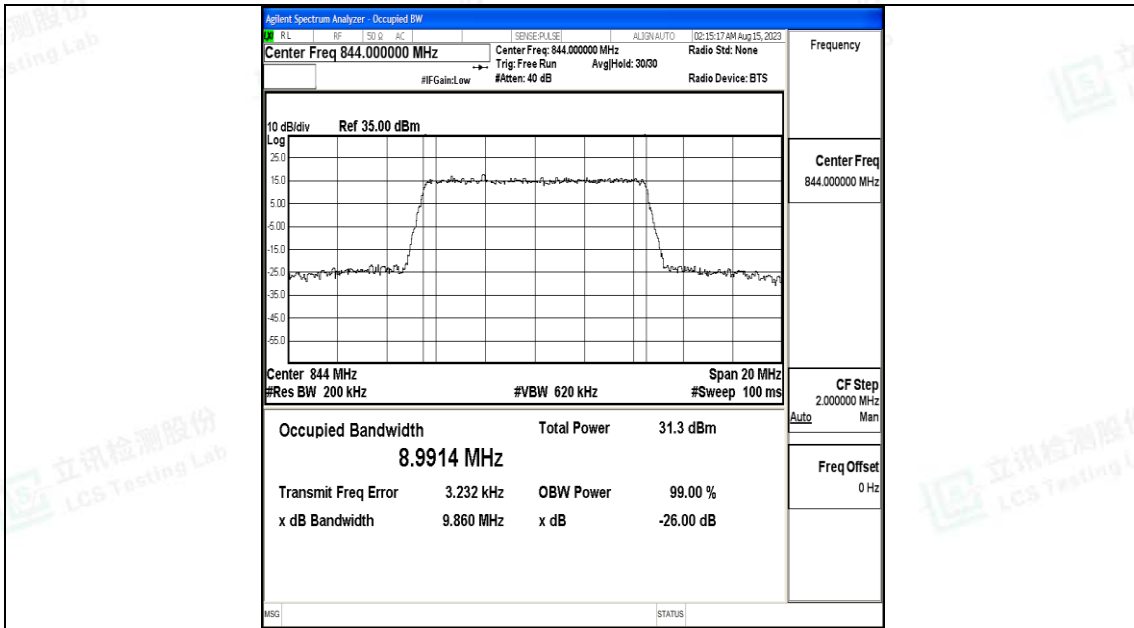


10MHz-20525

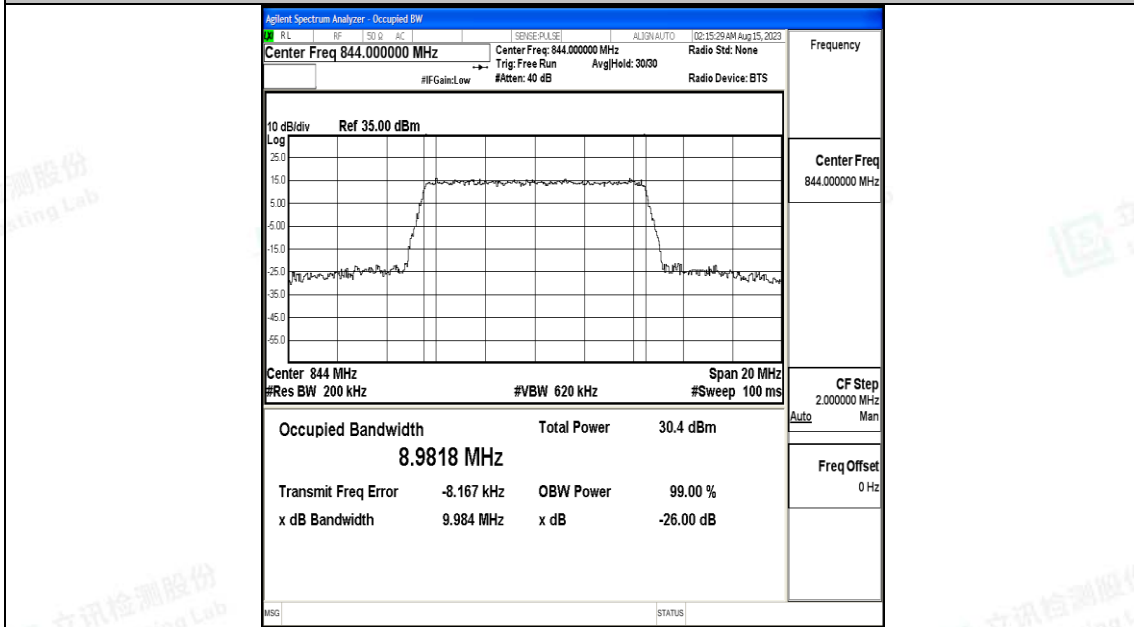


10MHz-20525





10MHz-20600



10MHz-20600





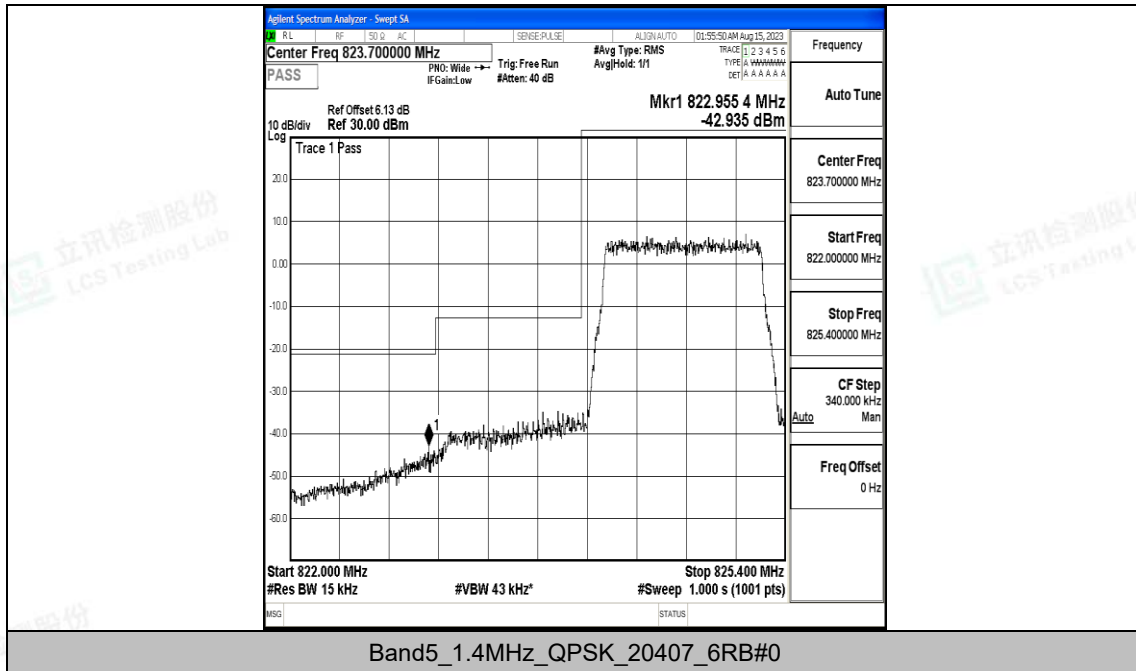


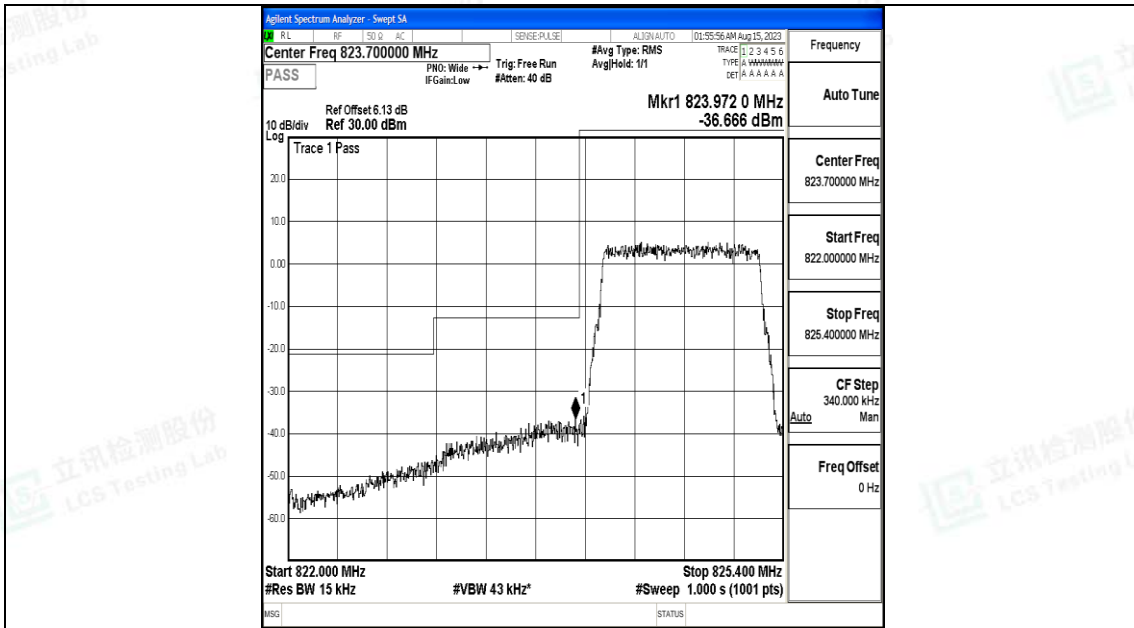
## H.4 Band Edge

### Test Result

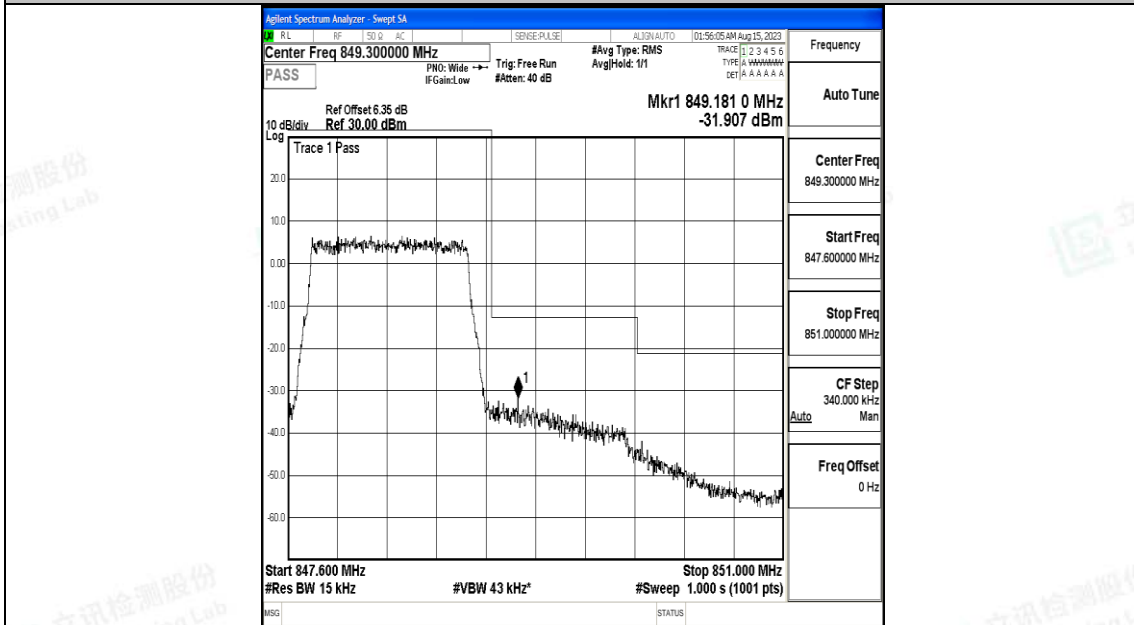
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	822.96	-42.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.97	-36.67	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.18	-31.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.01	-32.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-25.34	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-26.02	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-24.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-26.31	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-31.20	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-32.17	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-31.71	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-31.84	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-33.35	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-34.80	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.04	-33.96	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.02	-34.70	PASS

### Test Graphs



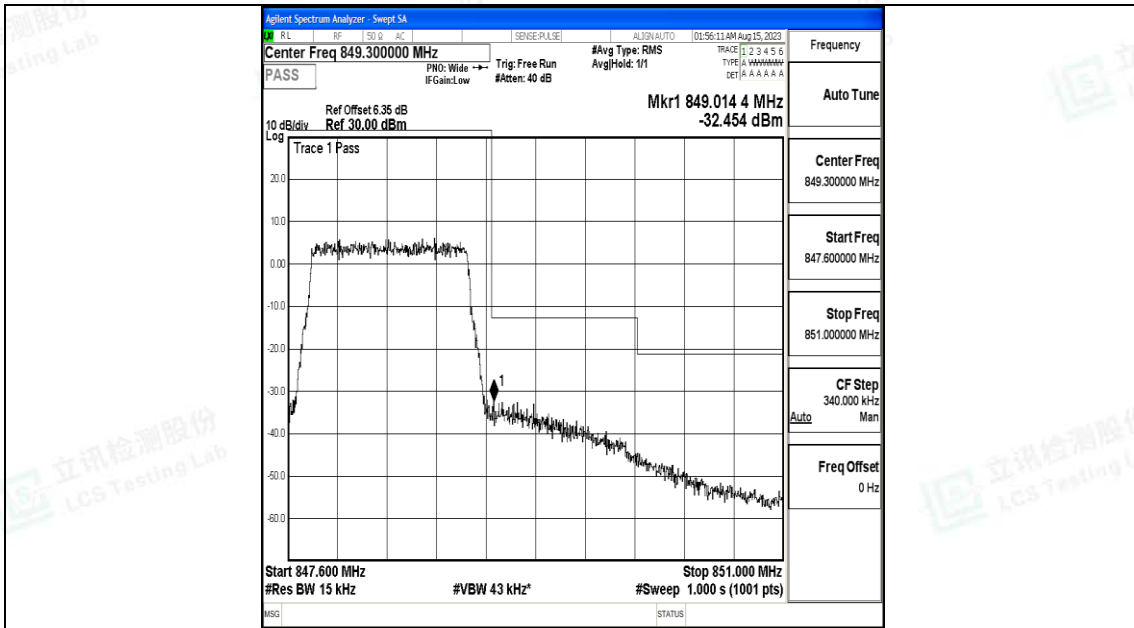


Band5\_1.4MHz\_16QAM\_20407\_6RB#0

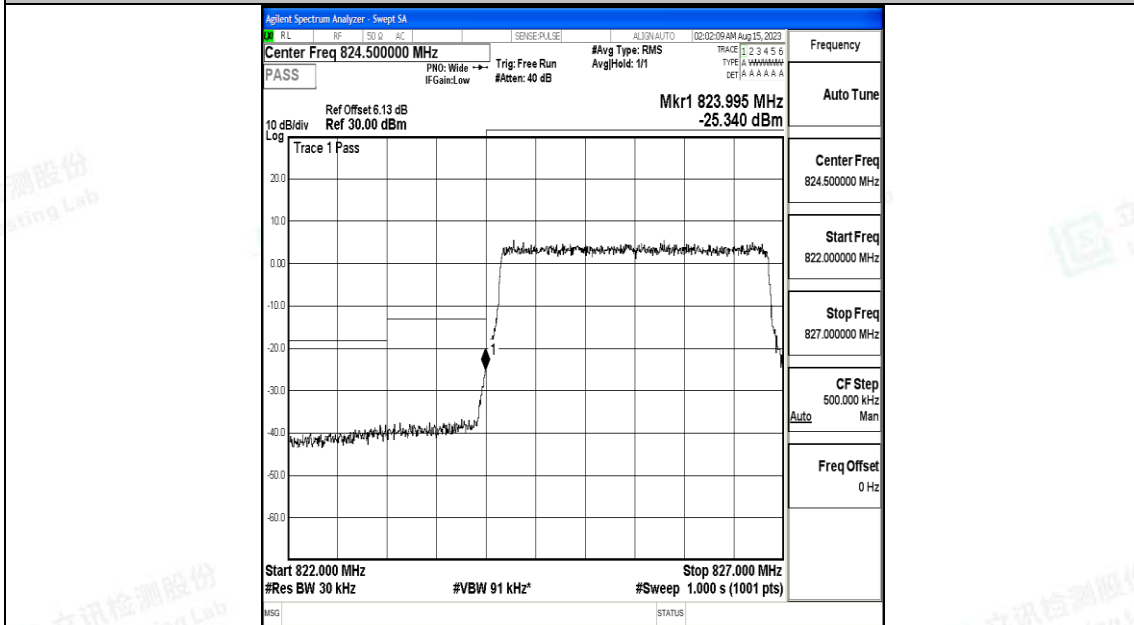


Band5\_1.4MHz\_QPSK\_20643\_6RB#0



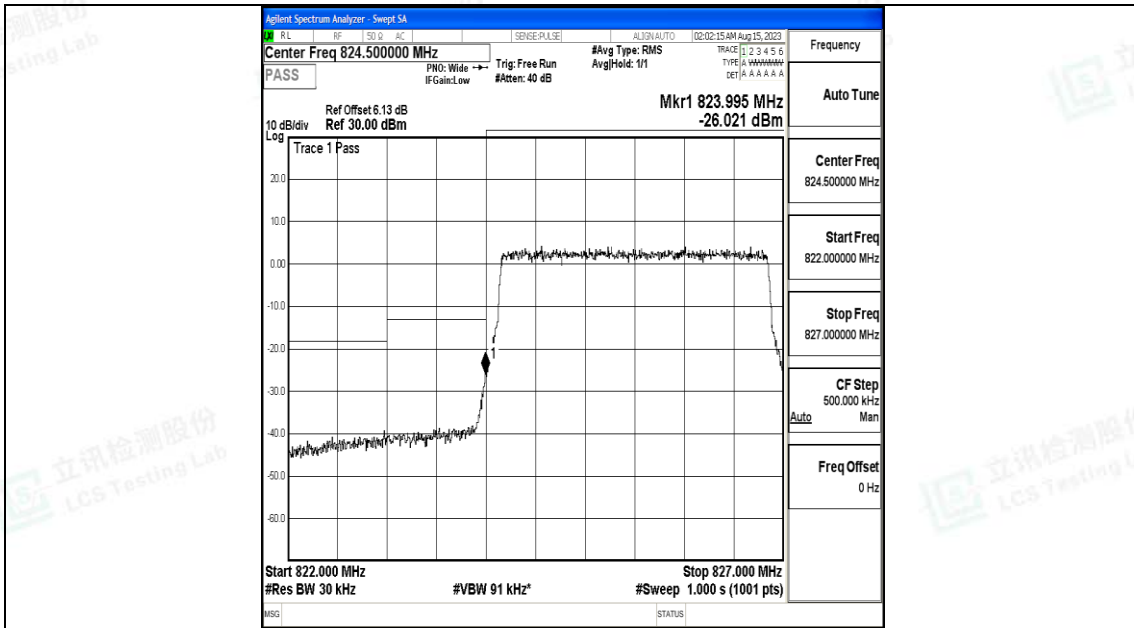


Band5\_1.4MHz\_16QAM\_20643\_6RB#0

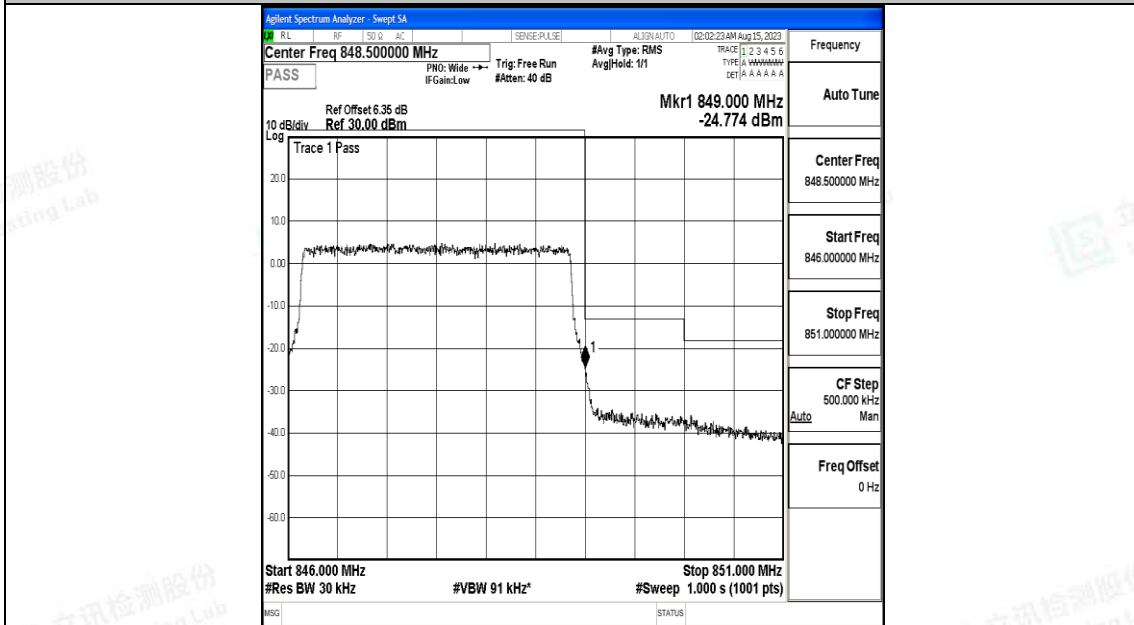


Band5\_3MHz\_QPSK\_20415\_15RB#0



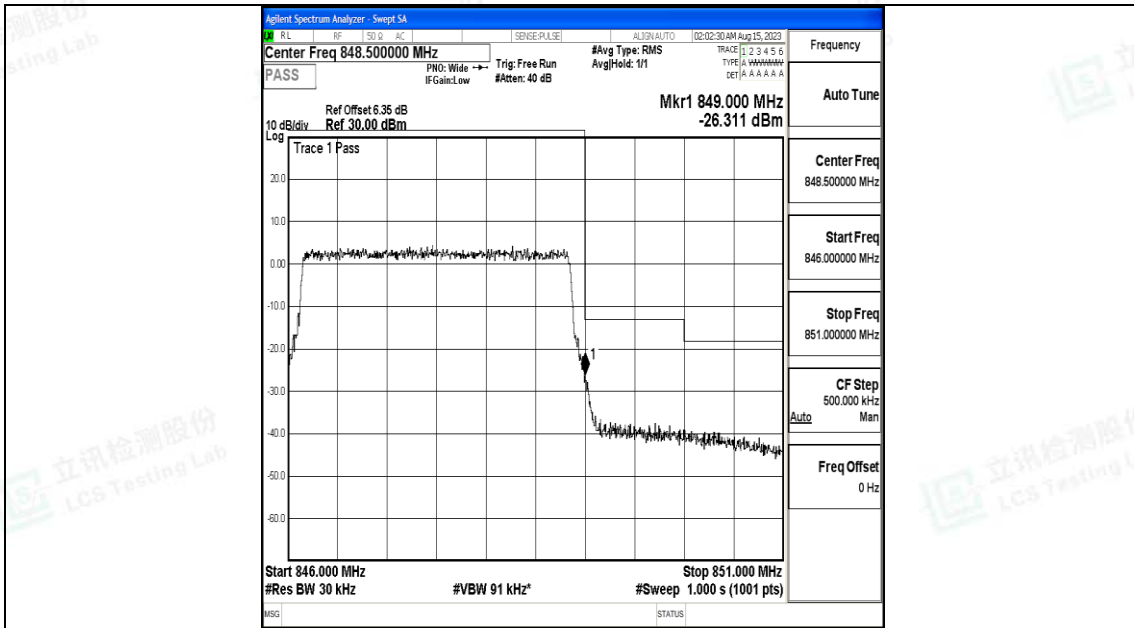


Band5\_3MHz\_16QAM\_20415\_15RB#0

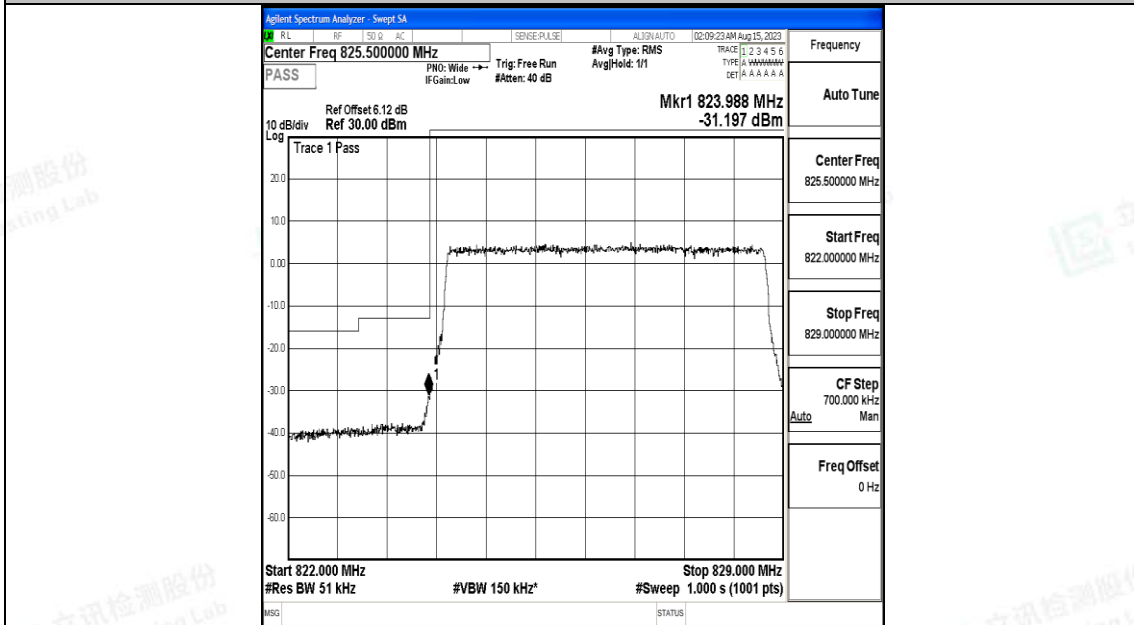


Band5\_3MHz\_QPSK\_20635\_15RB#0



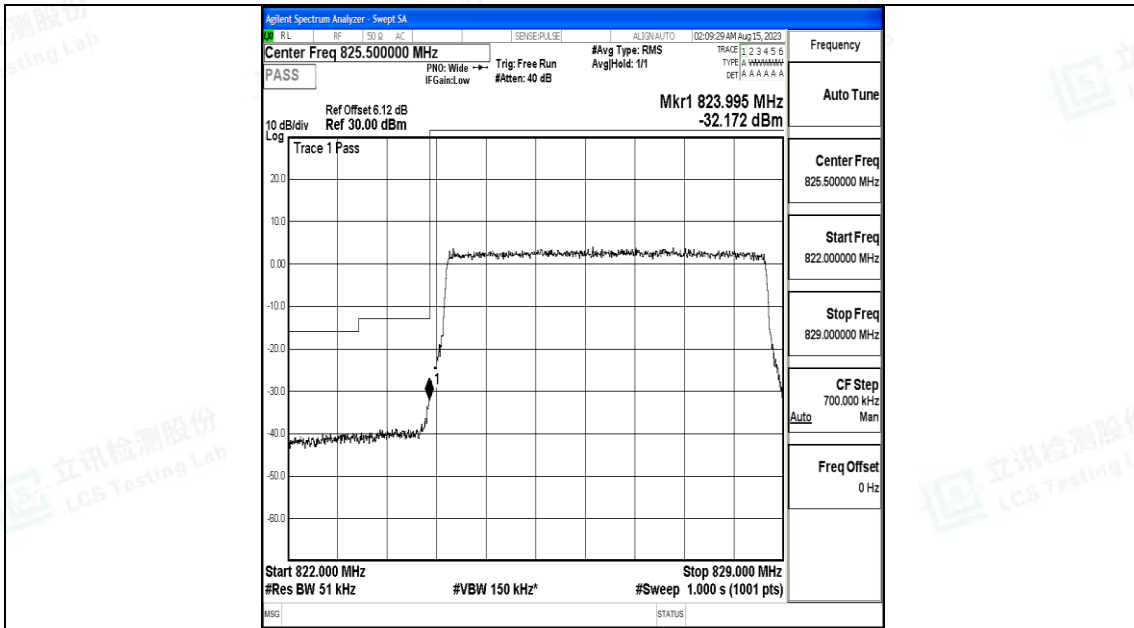


Band5\_3MHz\_16QAM\_20635\_15RB#0

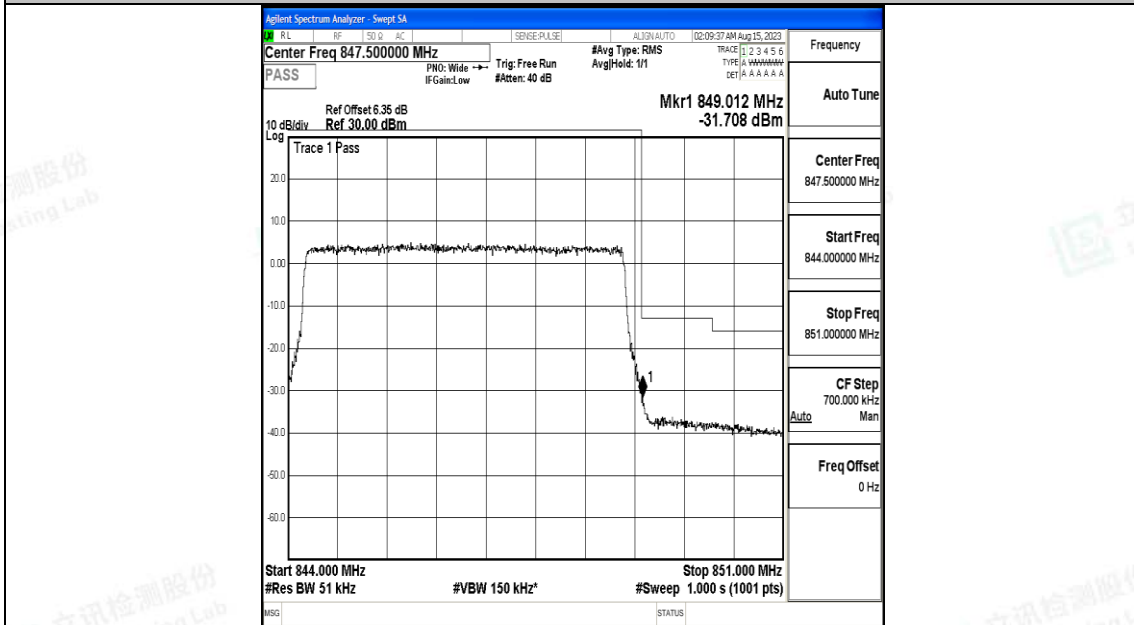


Band5\_5MHz\_QPSK\_20425\_25RB#0



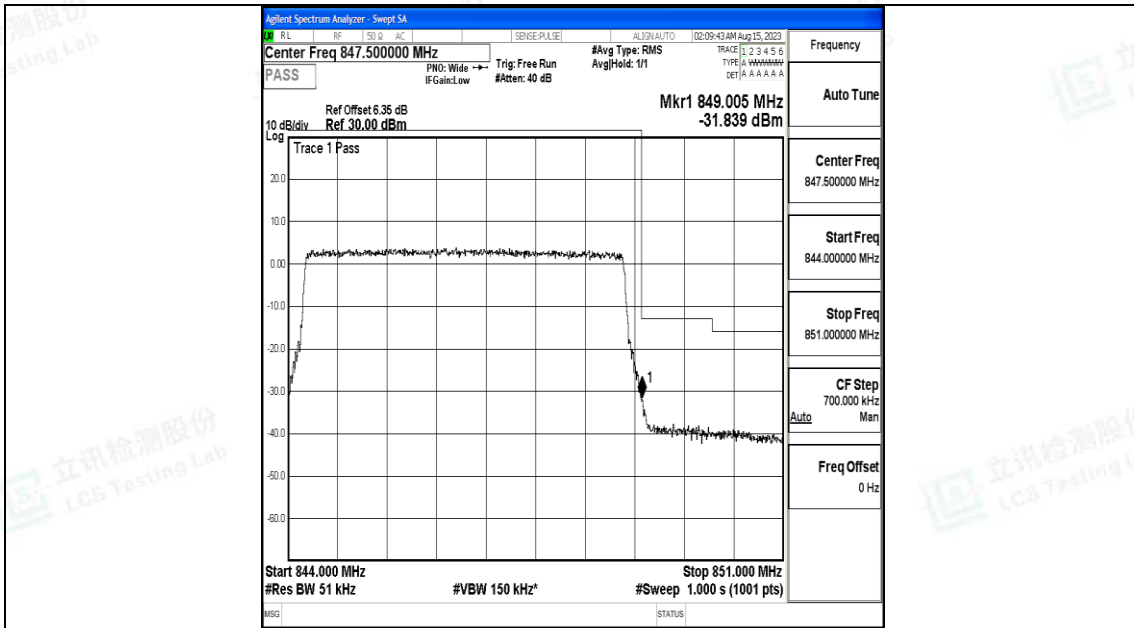


Band5\_5MHz\_16QAM\_20425\_25RB#0

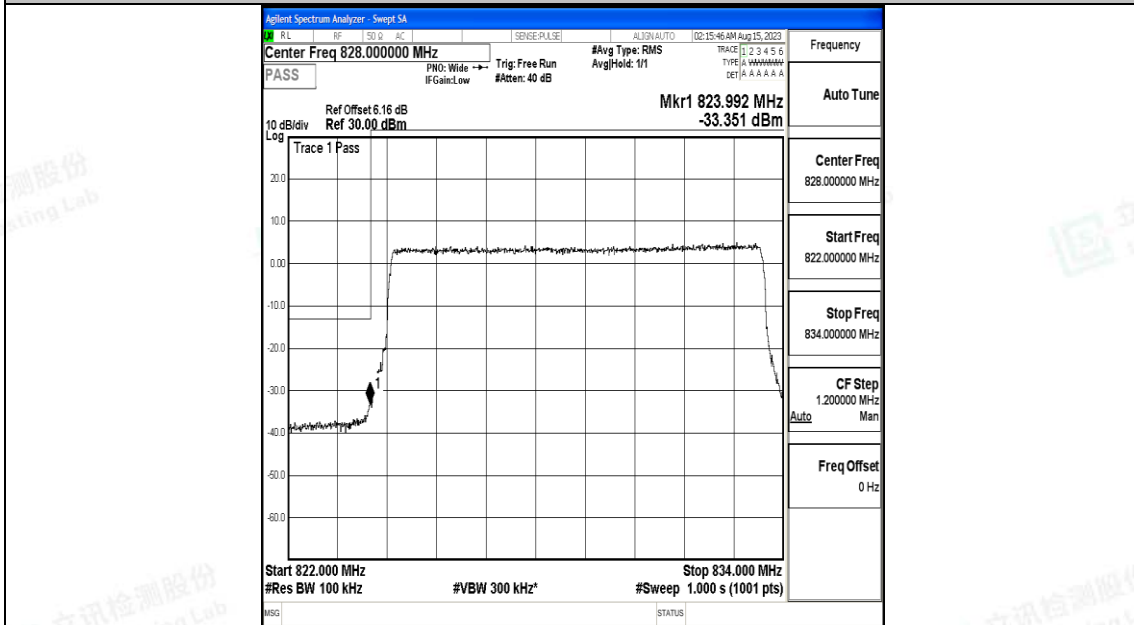


Band5\_5MHz\_QPSK\_20625\_25RB#0



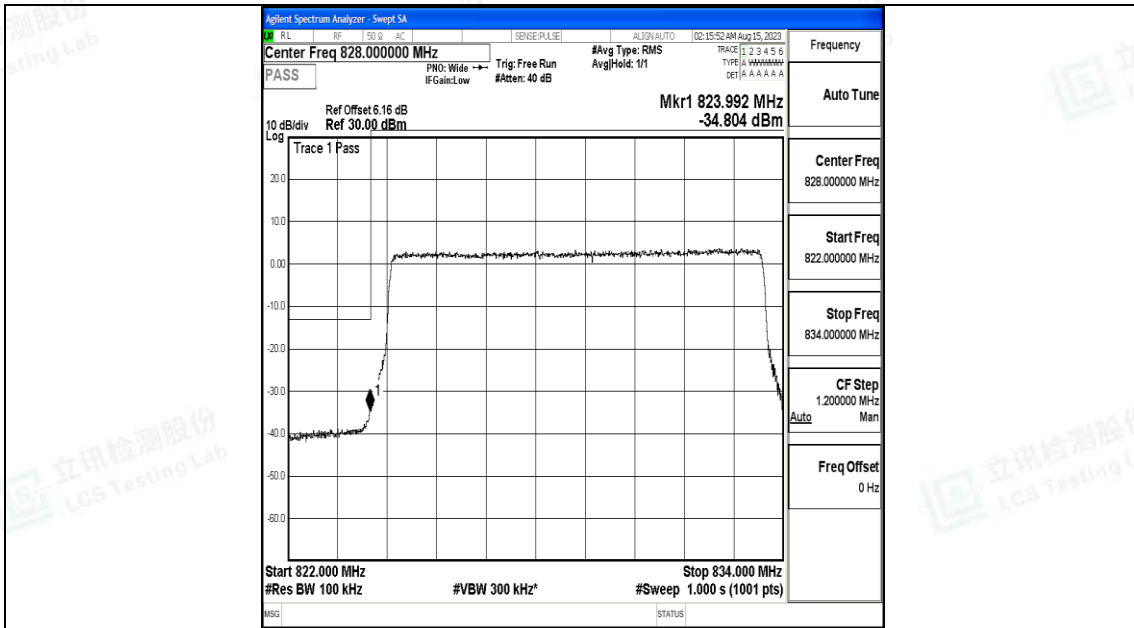


Band5\_5MHz\_16QAM\_20625\_25RB#0

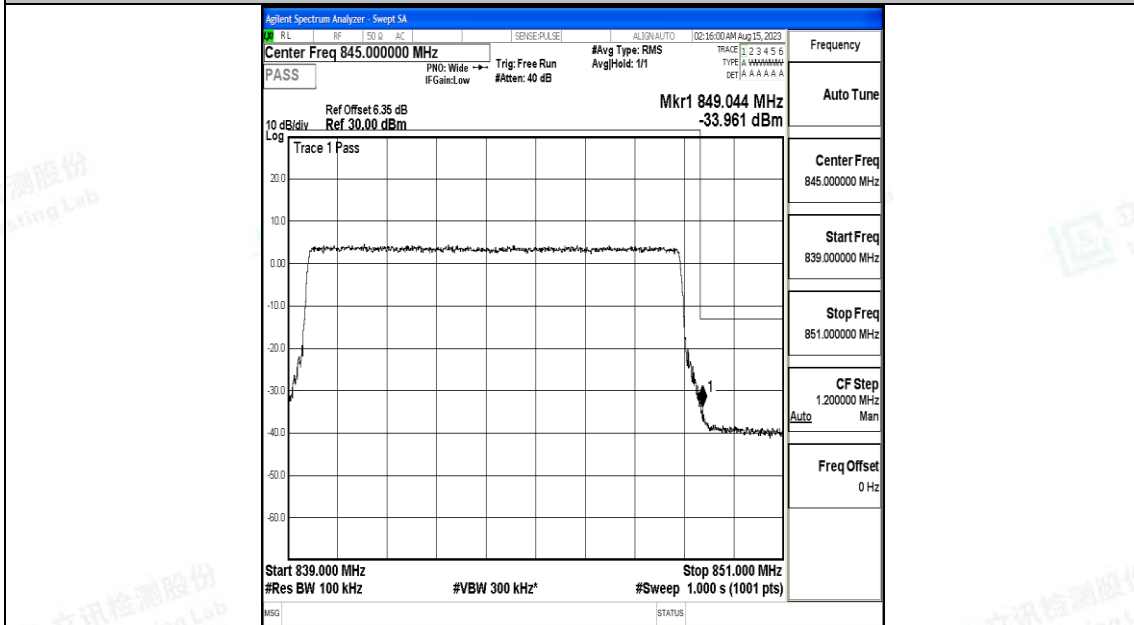


Band5\_10MHz\_QPSK\_20450\_50RB#0





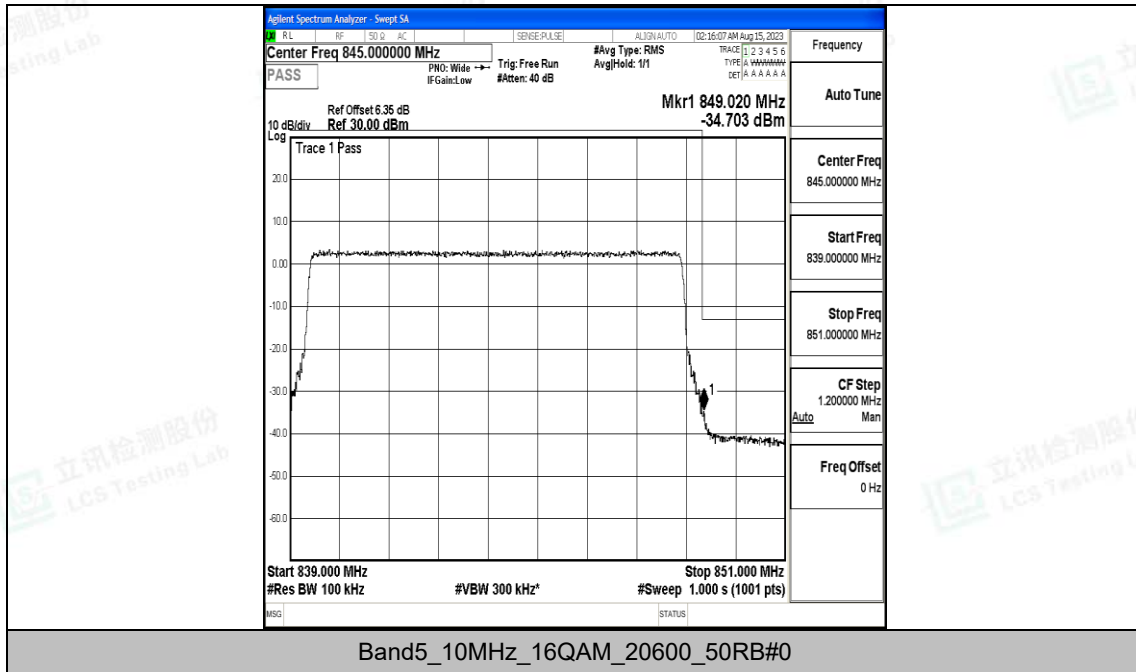
Band5\_10MHz\_16QAM\_20450\_50RB#0



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	-49.96	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-58.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-40.68	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-38.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-51.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-55.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-58.35	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-38.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-51.62	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.70	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-59.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-40.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-40.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-51.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-54.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-59.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-40.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-37.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-53.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-55.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-58.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-40.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-48.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-41.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-41.55	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.80	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-60.02	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-40.22	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-40.23	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-52.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.58	PASS





Band5	3MHz	16QAM	20415	1RB#0	30~1000	-60.71	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-39.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-41.59	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-49.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-53.18	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-60.19	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-41.25	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-39.60	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-54.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.26	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-60.79	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-40.68	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-40.90	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-53.70	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.86	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-58.86	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-40.62	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-41.23	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-56.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-52.77	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-60.12	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.43	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-40.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-50.76	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-54.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.43	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-39.69	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-40.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-54.15	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-52.88	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-61.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.50	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-39.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-51.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-51.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-40.87	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-39.85	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-55.64	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.75	PASS





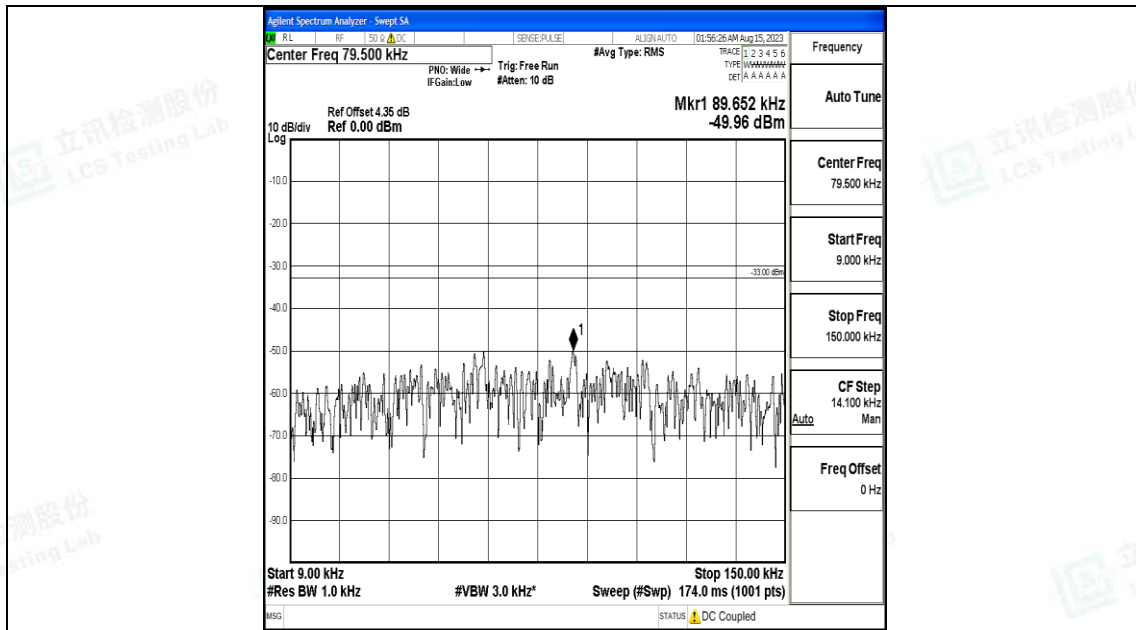
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-61.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-41.22	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-42.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-51.40	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-55.03	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-60.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-40.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-40.78	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-54.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.88	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-62.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-40.89	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-40.46	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-50.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-53.68	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-39.38	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-39.85	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-52.88	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.41	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-38.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-48.82	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-41.10	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-38.86	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-52.60	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-53.46	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.01	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-39.51	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-39.94	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-51.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-54.00	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.86	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-40.55	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-41.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-54.86	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-54.77	PASS



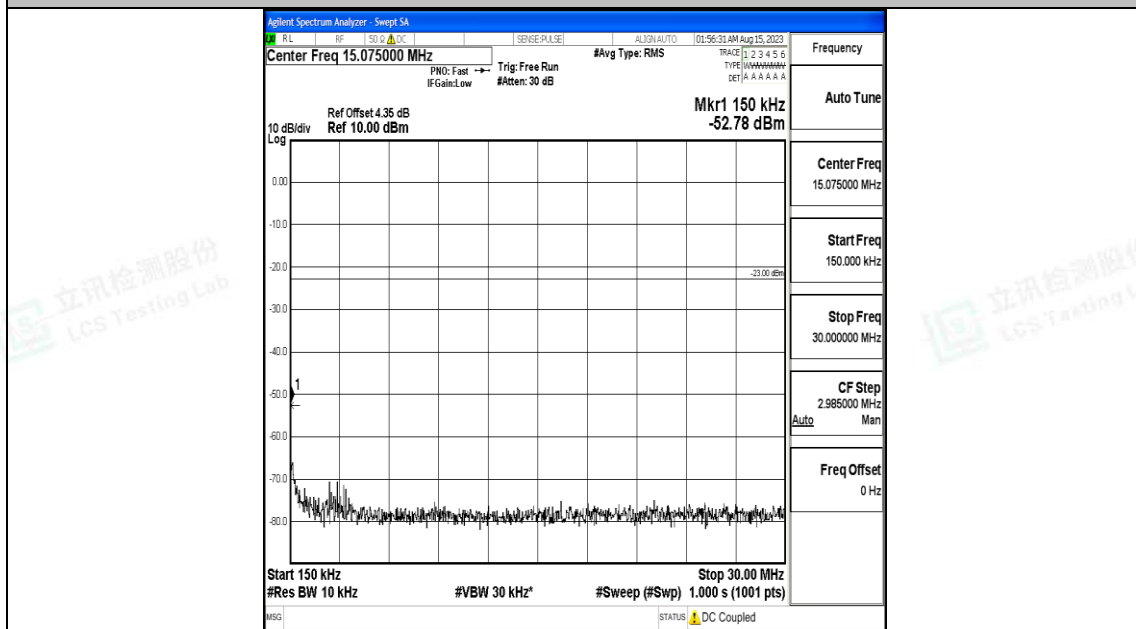


Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.79	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-43.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-42.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-39.37	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-49.27	PASS

### Test Graphs

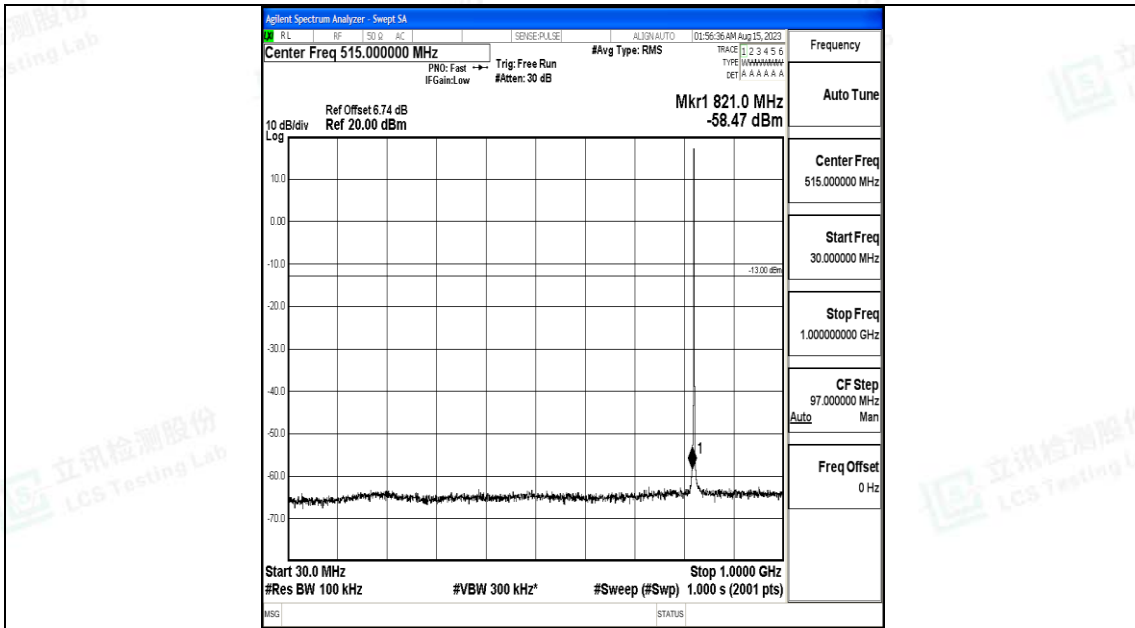


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.009~0.15\_0.009~0.15

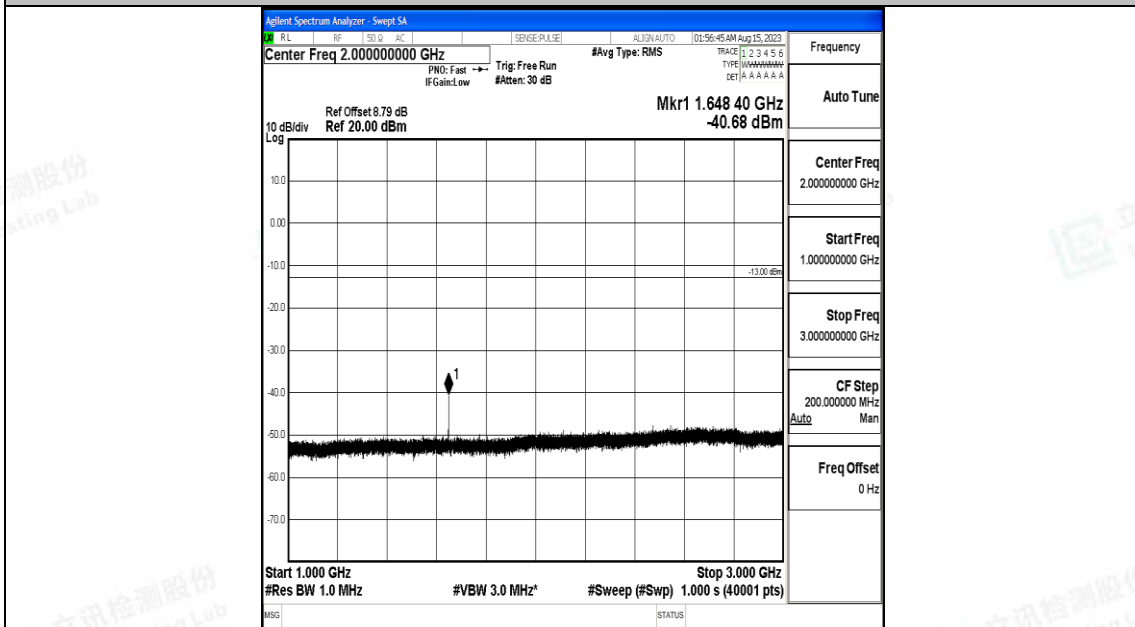


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.15~30\_0.15~30



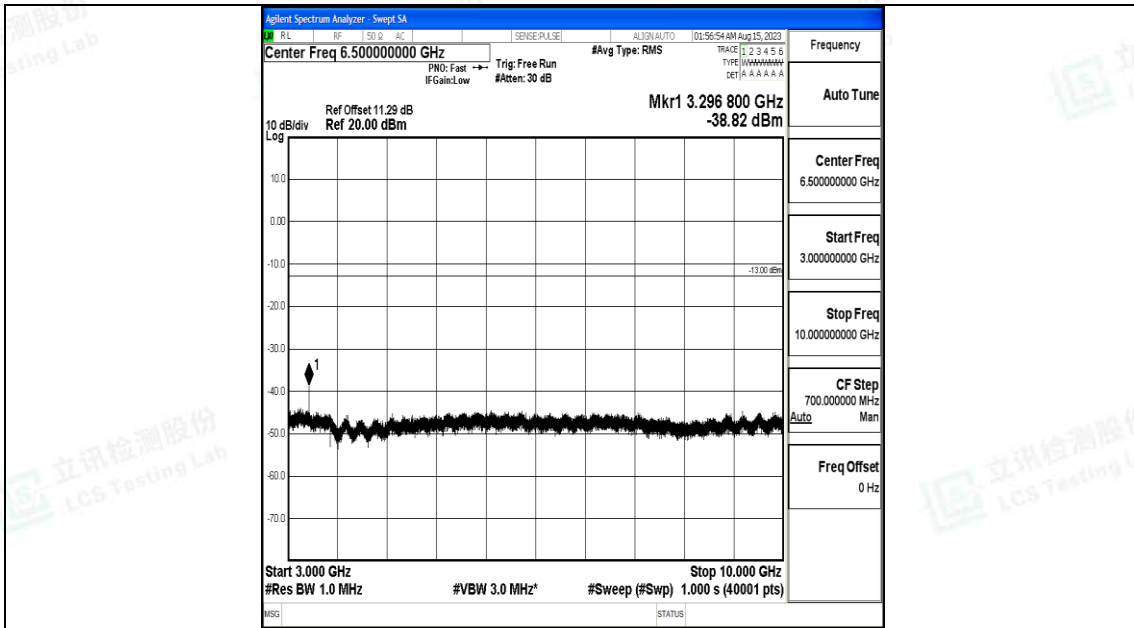


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_30~1000\_30~1000

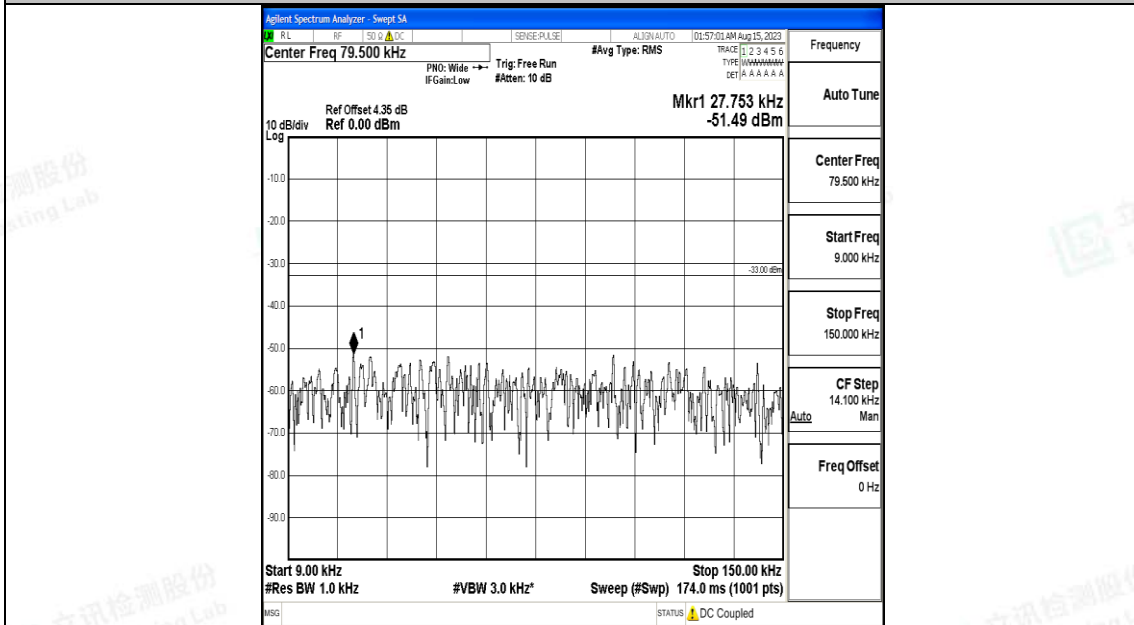


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_1000~3000\_1000~3000



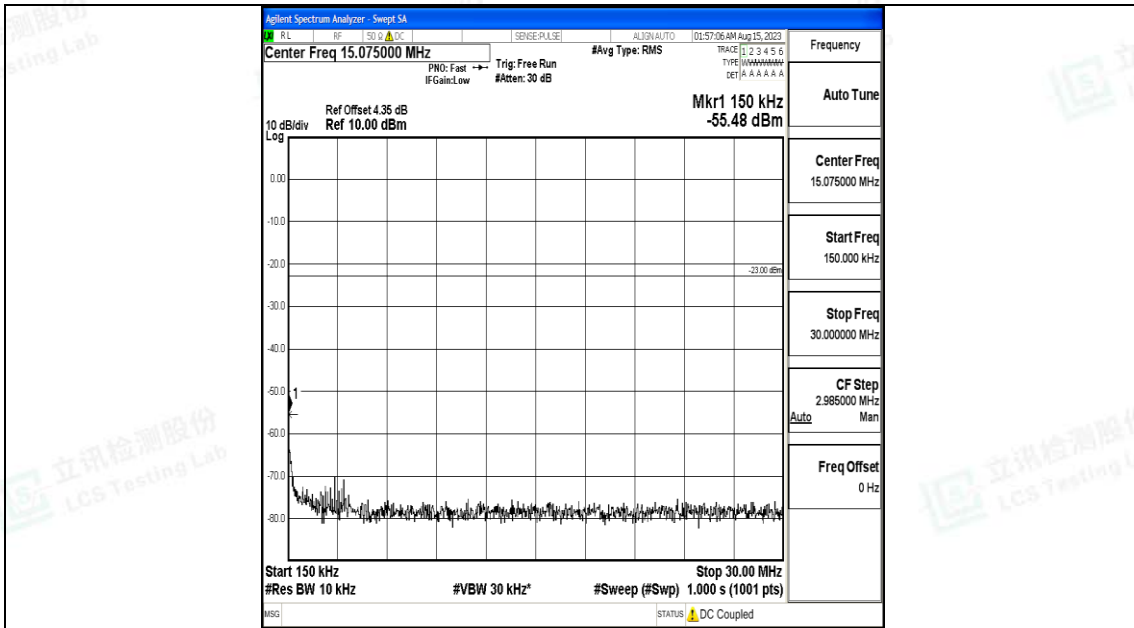


Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_3000~10000\_3000~10000

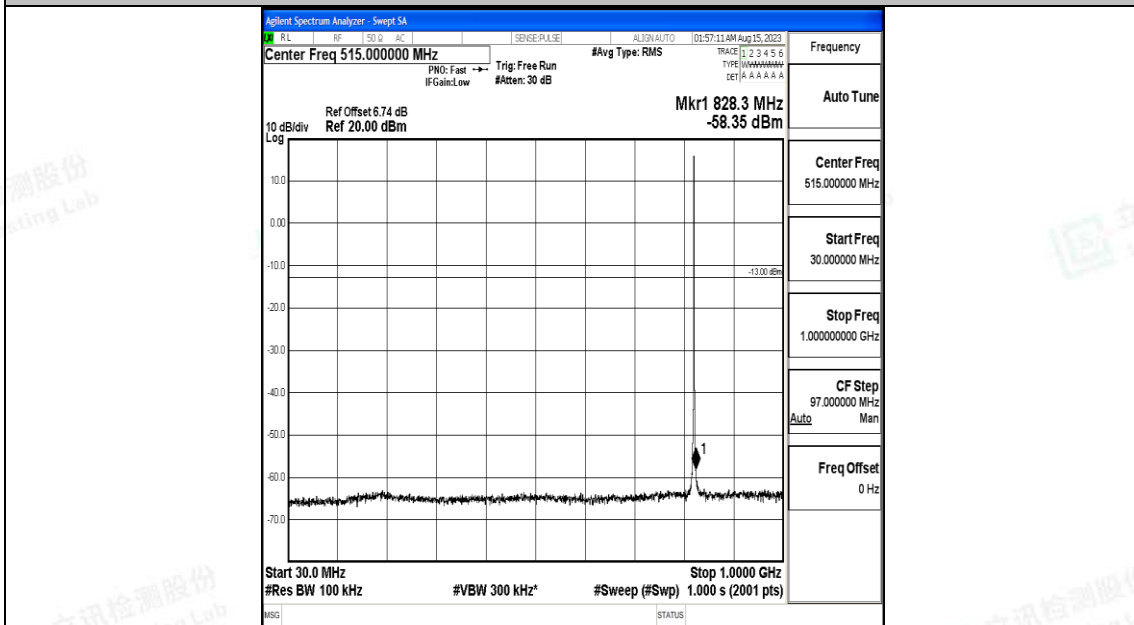


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.009~0.15\_0.009~0.15





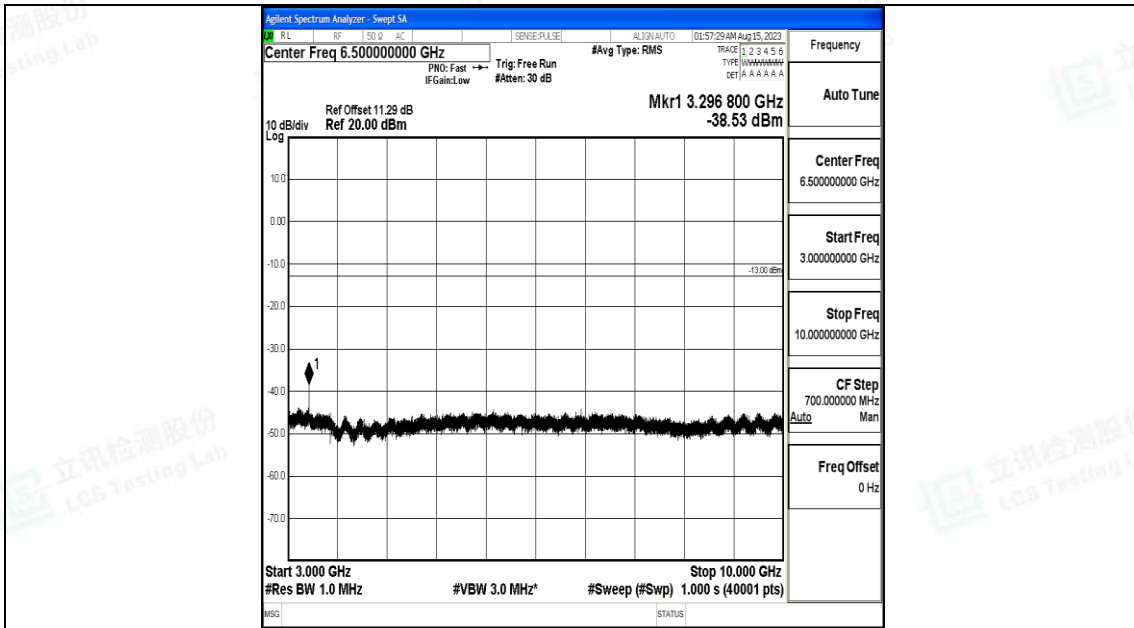
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_0.15~30\_0.15~30



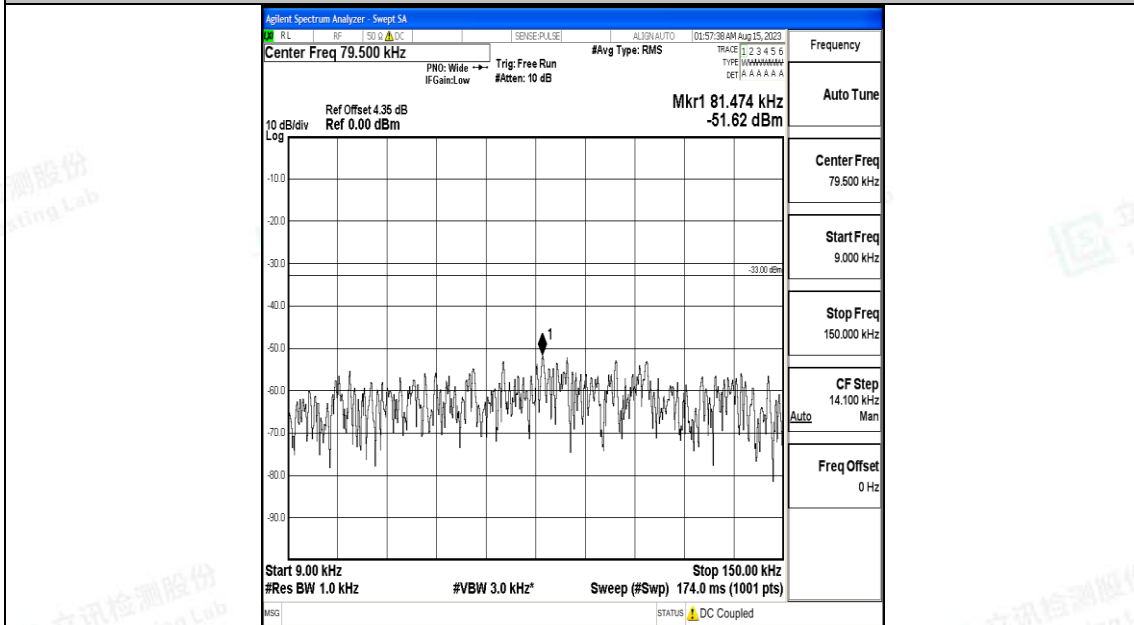
Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_30~1000\_30~1000





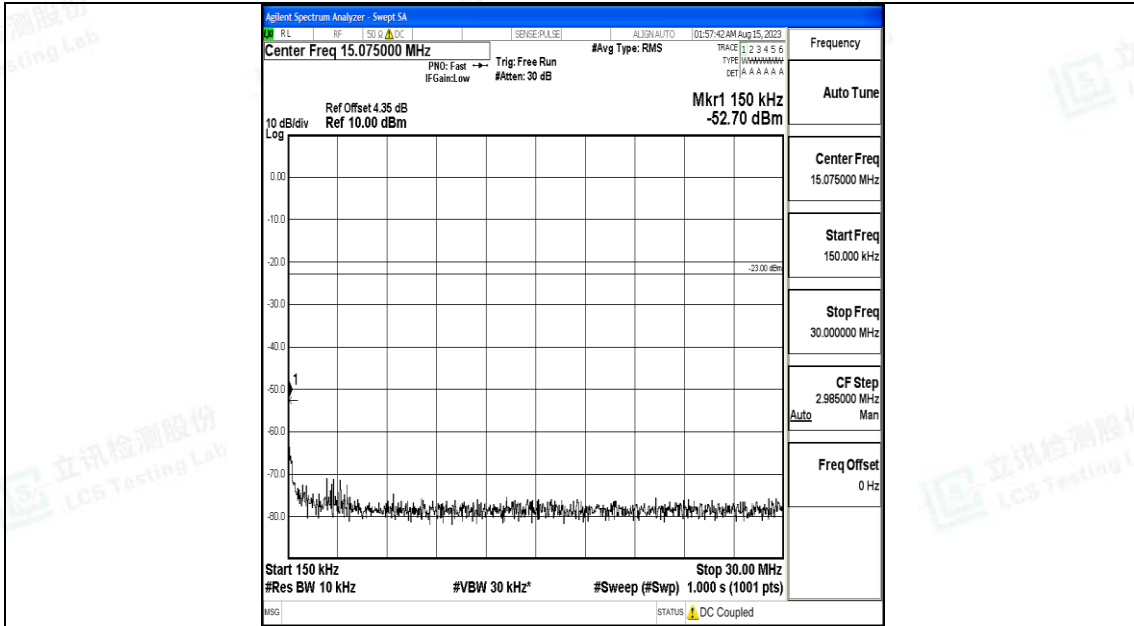


Band5\_1.4MHz\_16QAM\_20407\_1RB#0\_3000~10000\_3000~10000

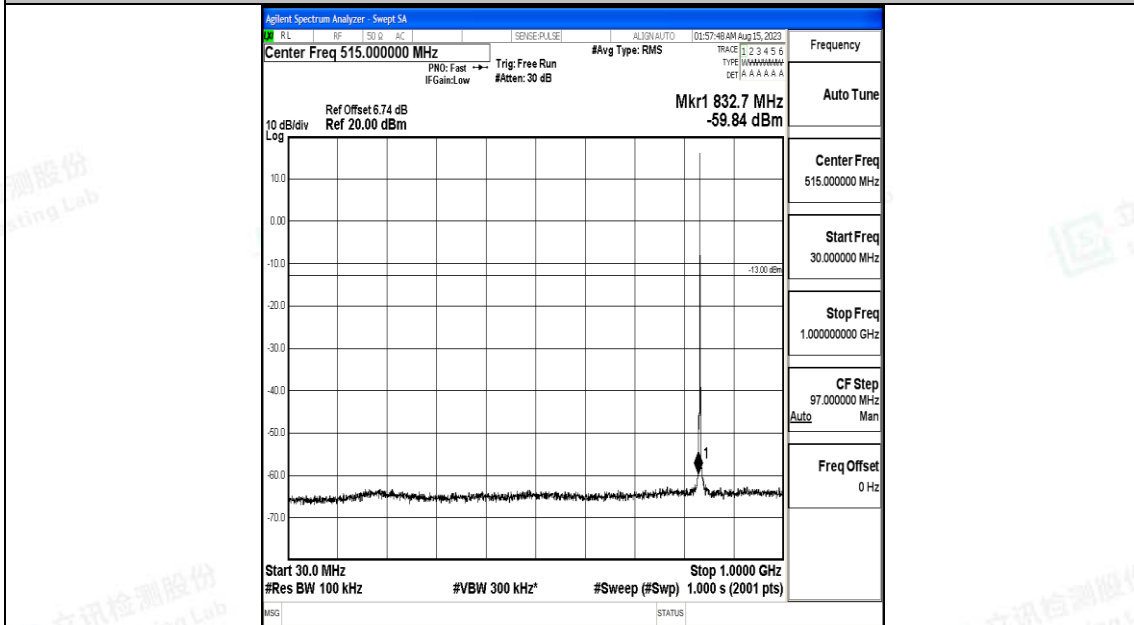


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.15



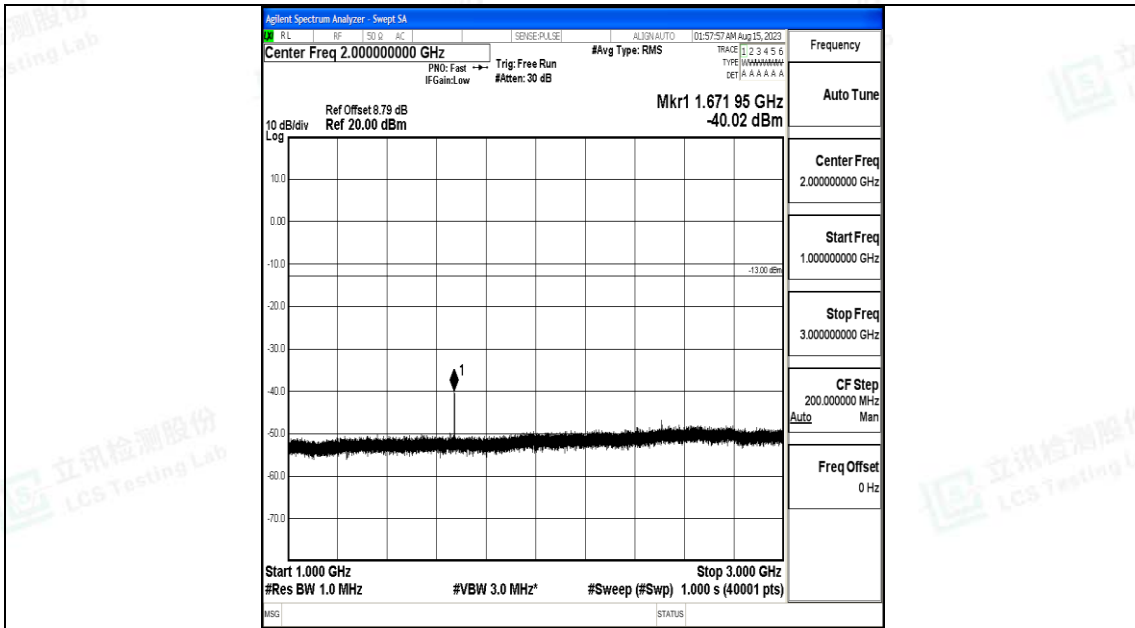


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30

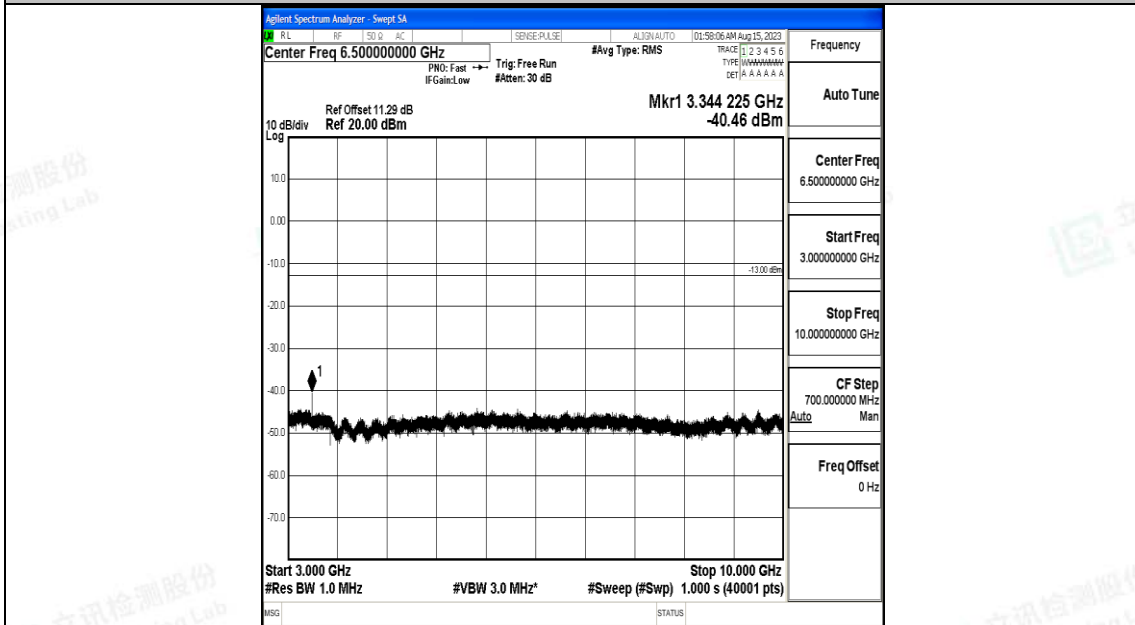


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_30~1000\_30~1000



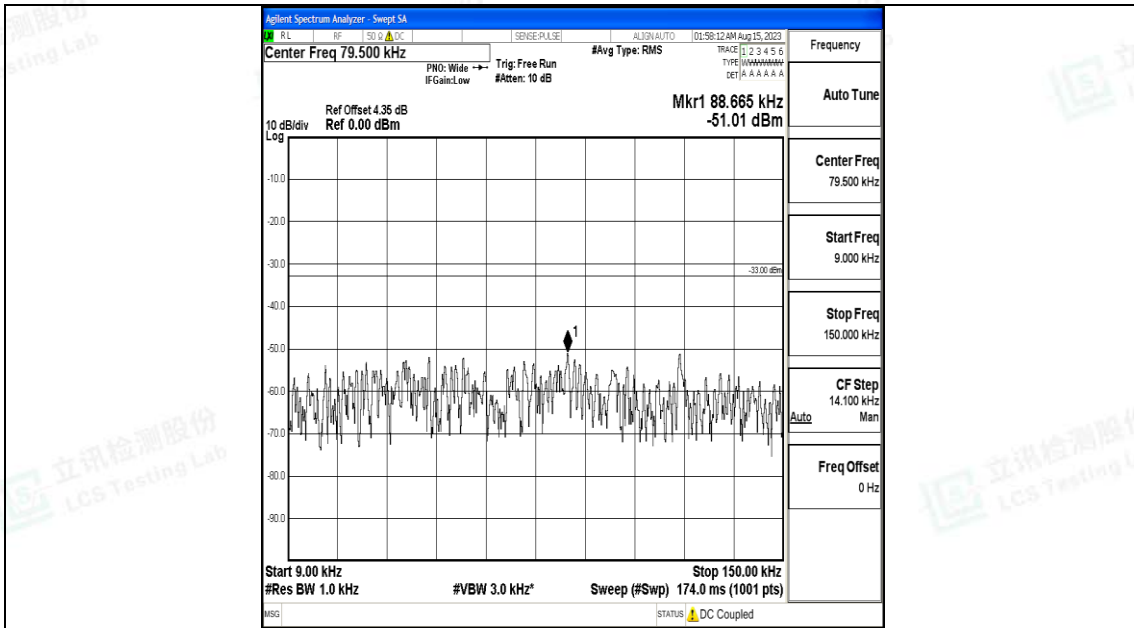


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_1000~3000\_1000~3000

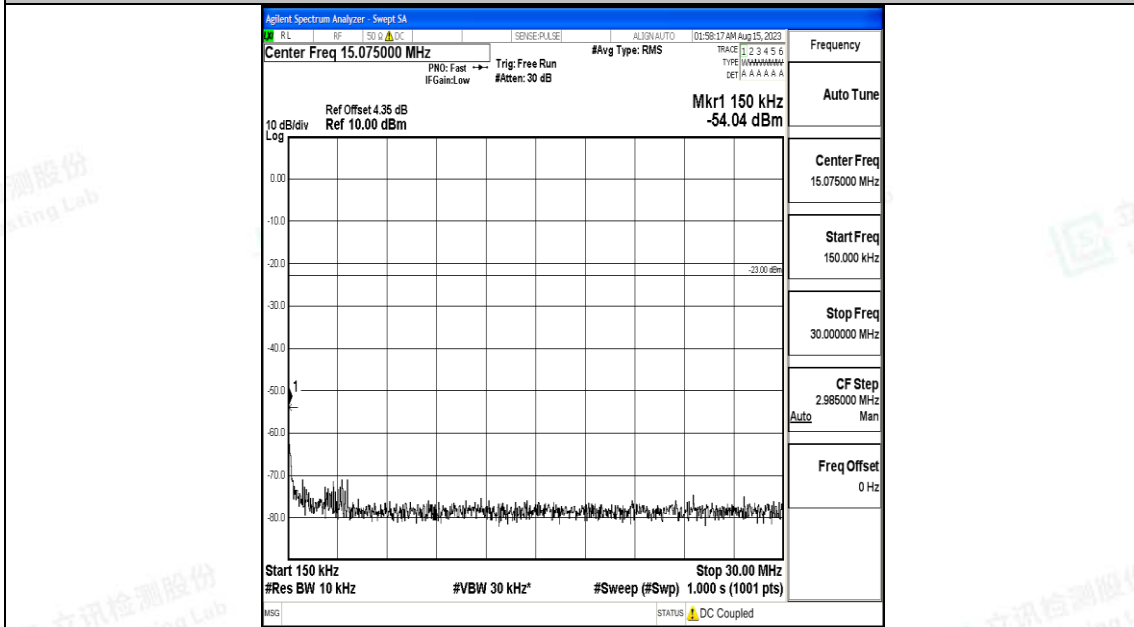


Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~10000



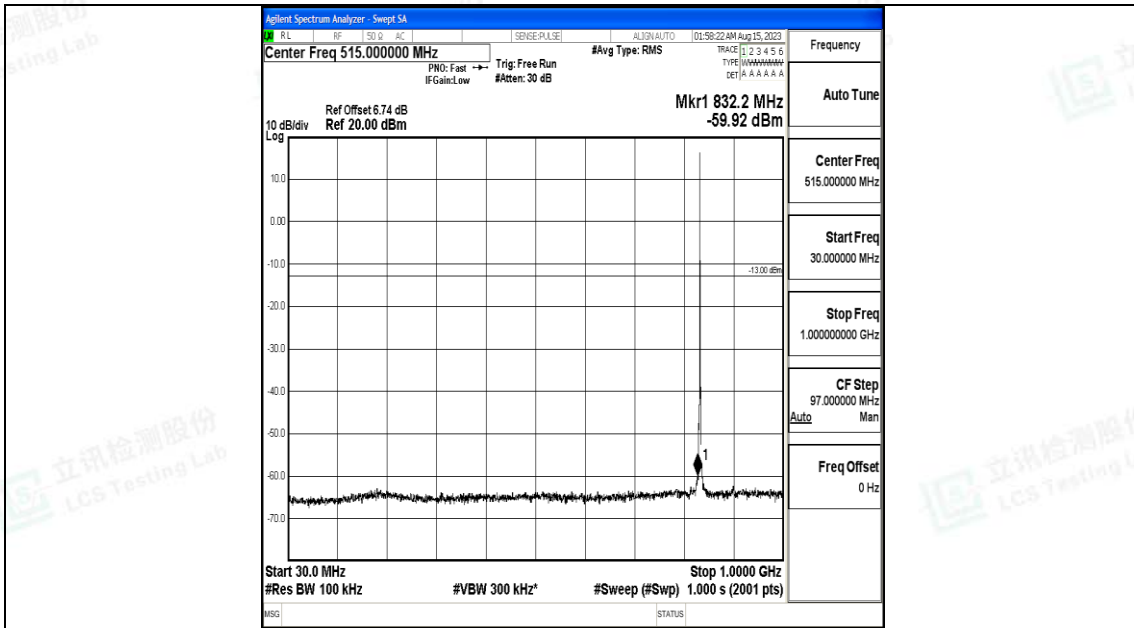


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_0.009~0.15\_0.009~0.15

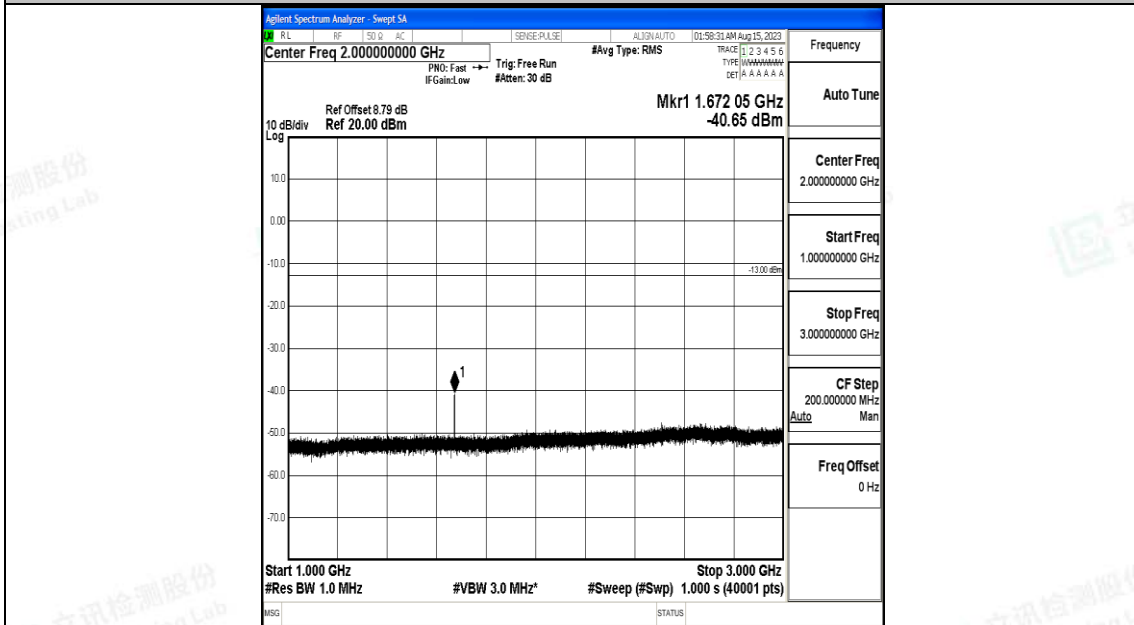


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_0.15~30\_0.15~30



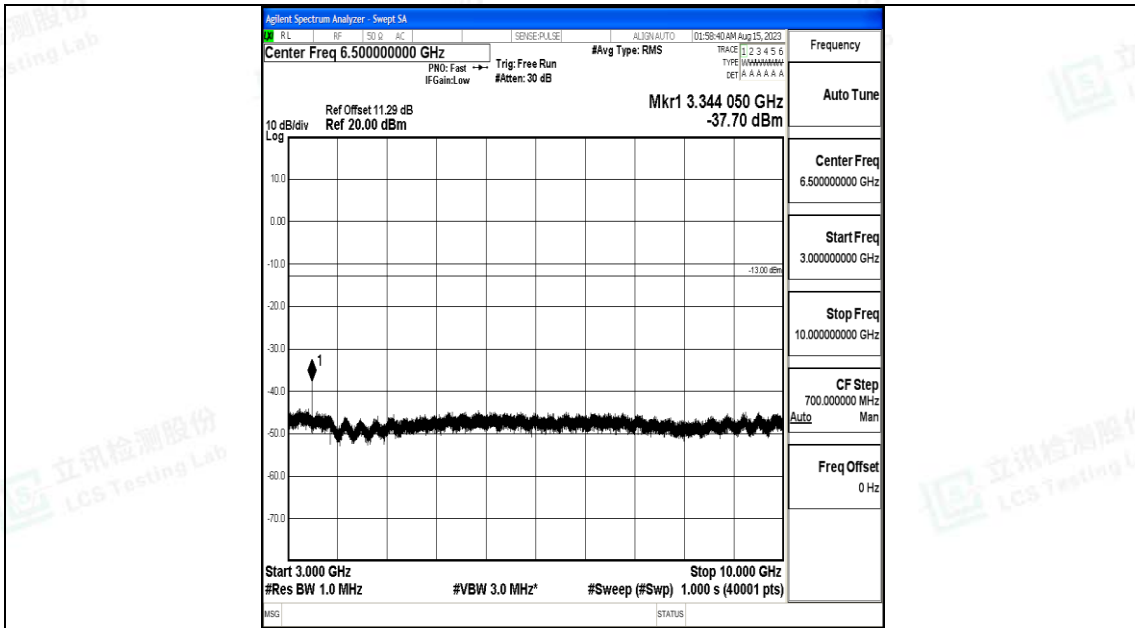


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_30~1000\_30~1000

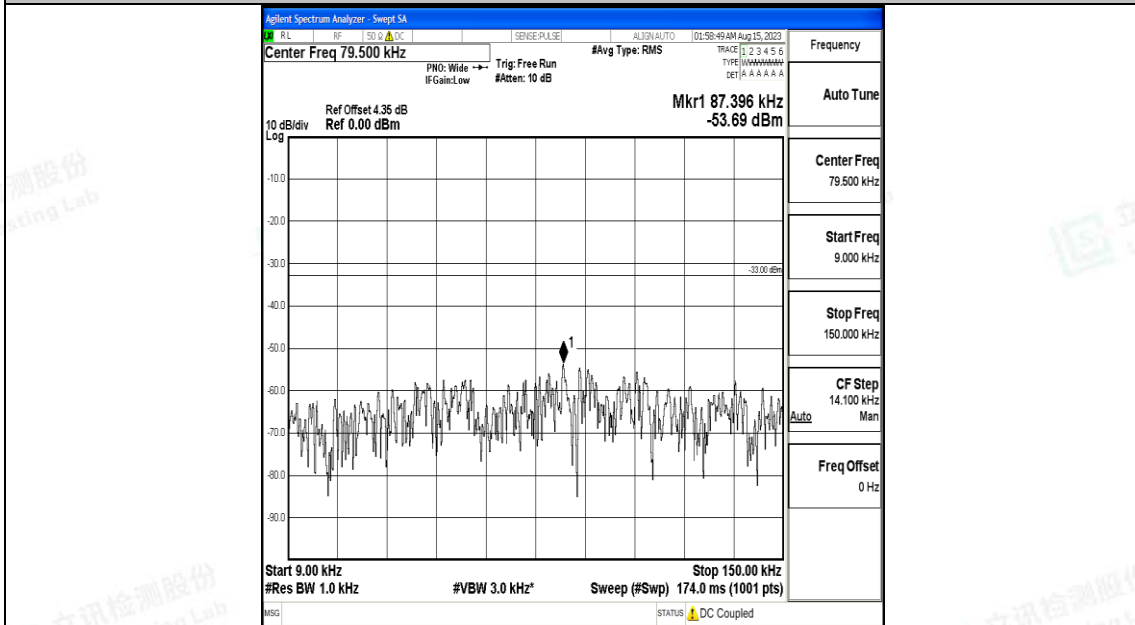


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_1000~3000\_1000~3000



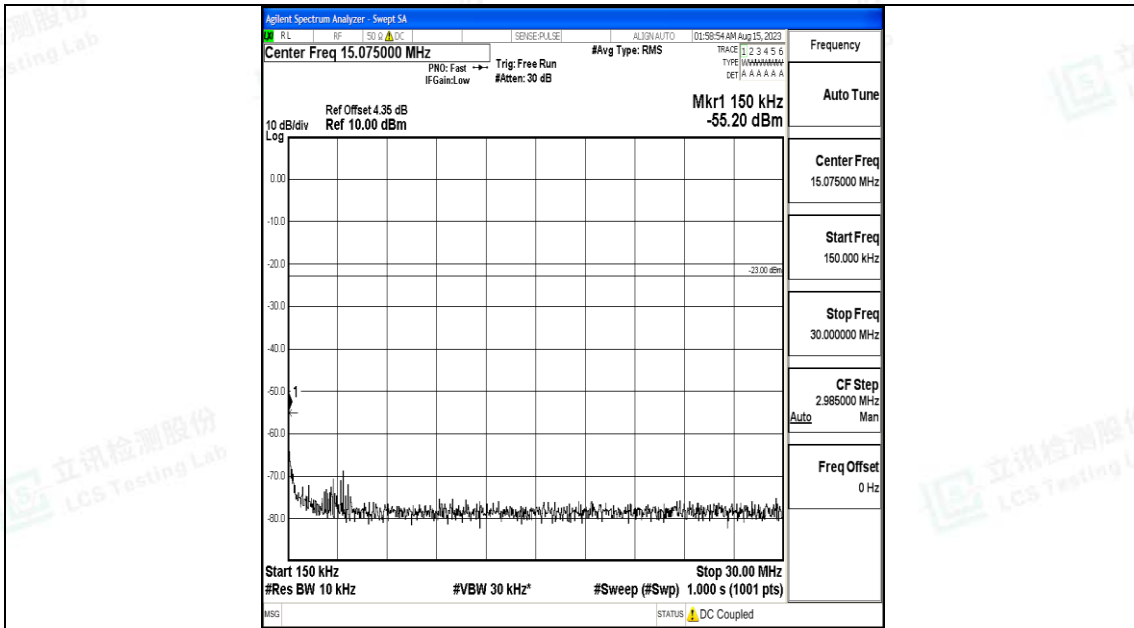


Band5\_1.4MHz\_16QAM\_20525\_1RB#0\_3000~10000\_3000~10000

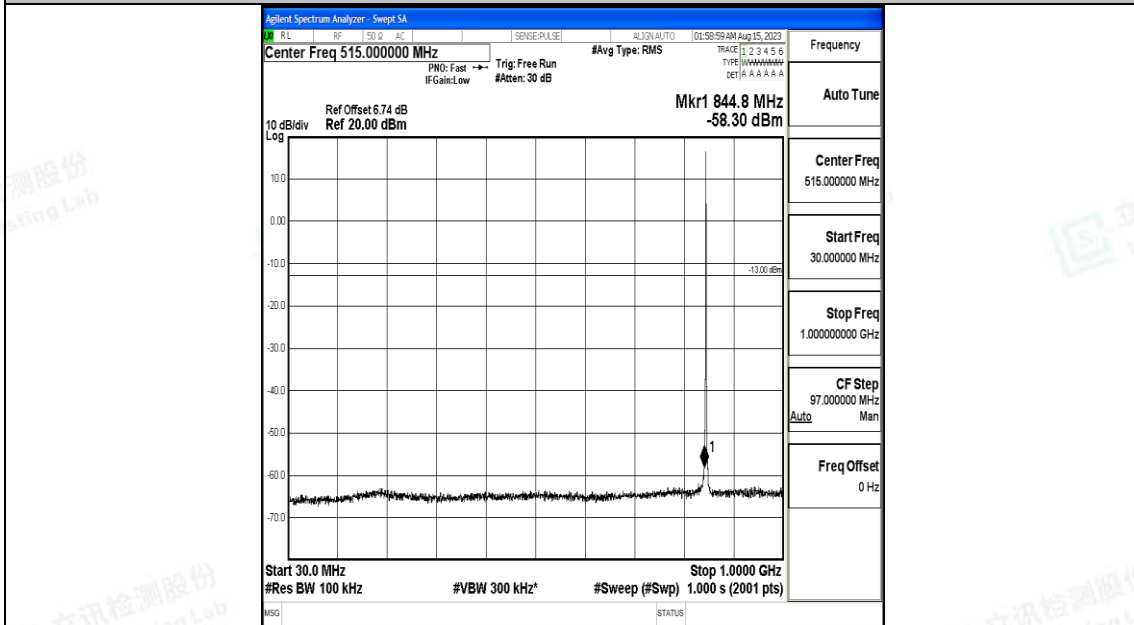


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.009~0.15\_0.009~0.15



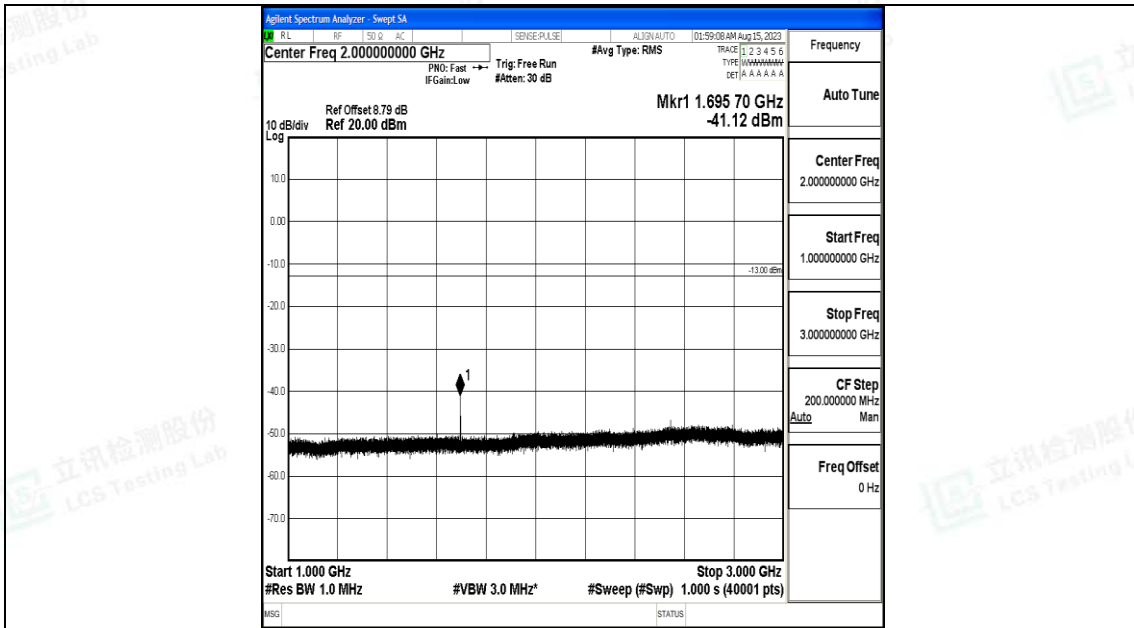


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.15~30\_0.15~30

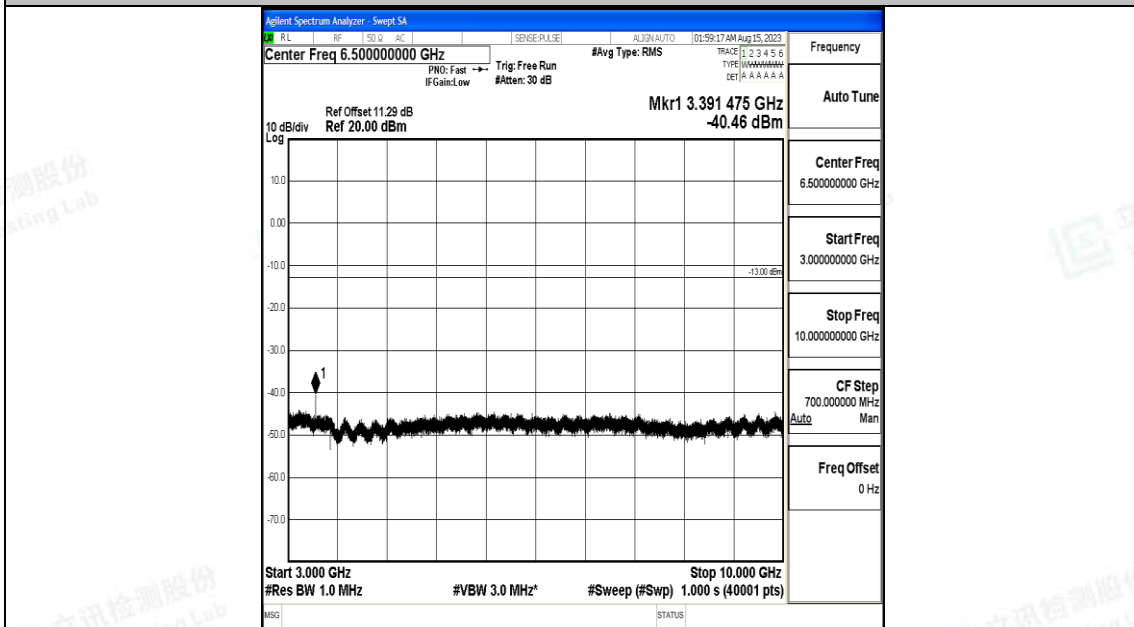


Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_30~1000\_30~1000





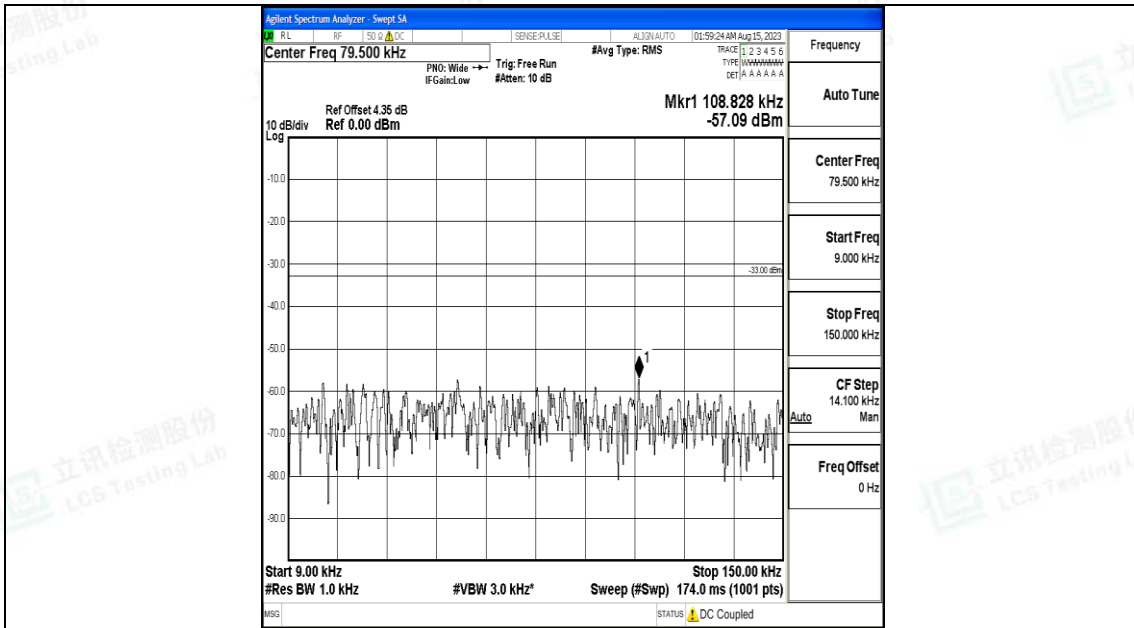
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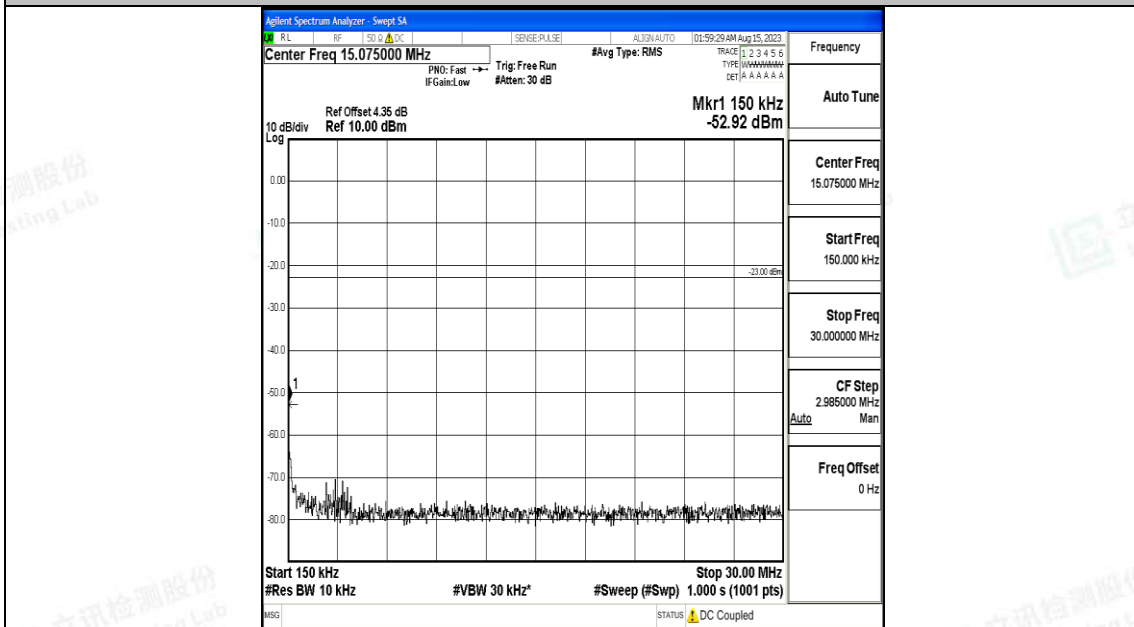
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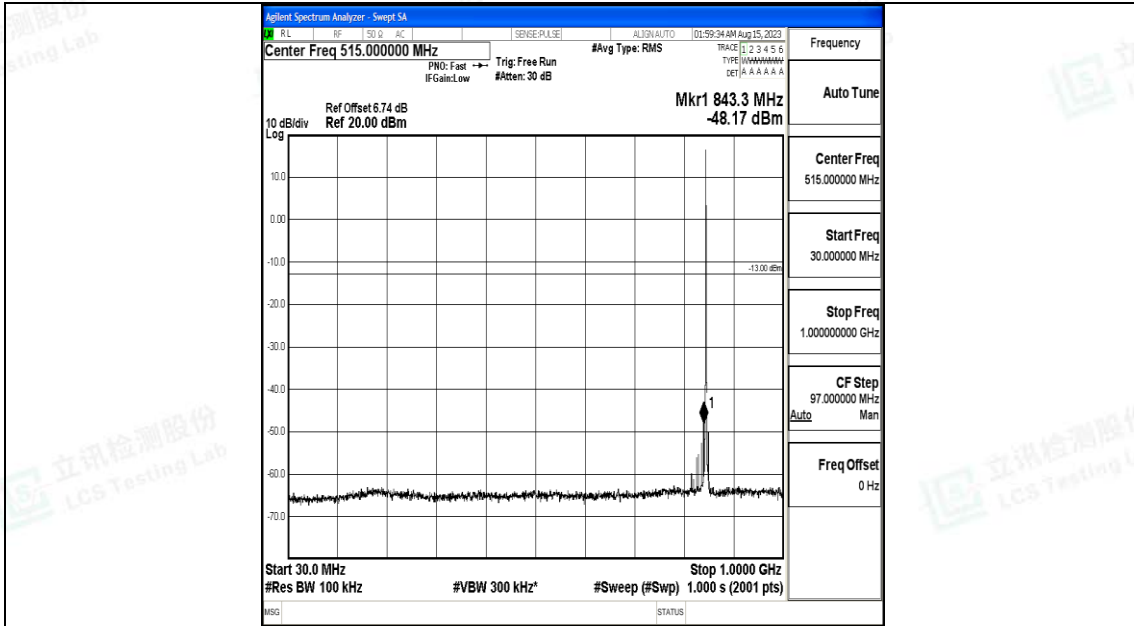


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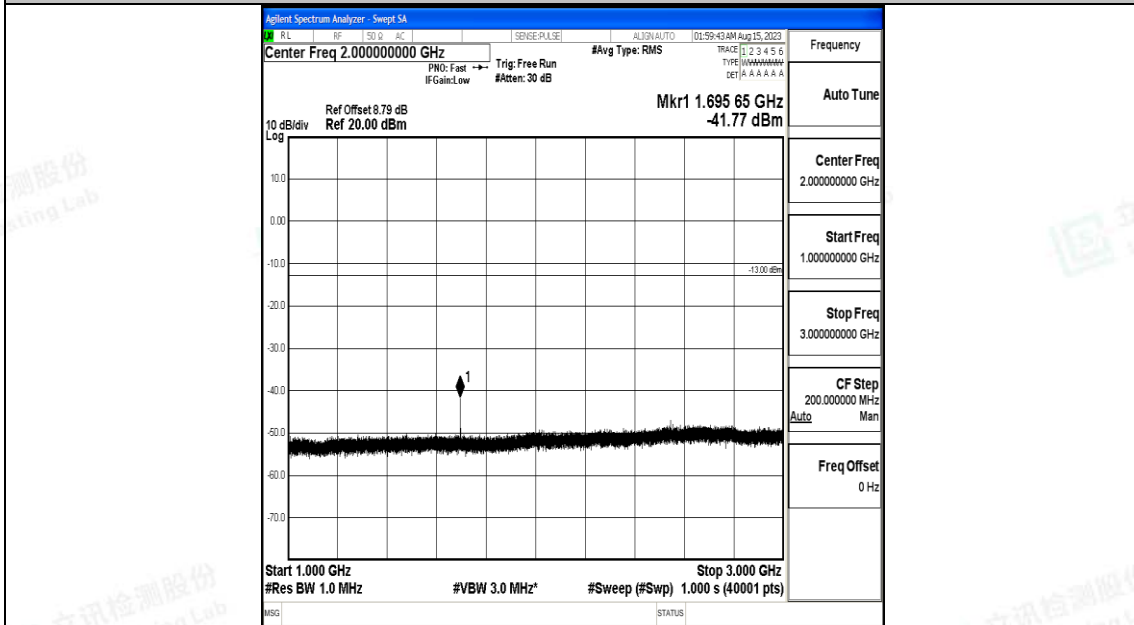


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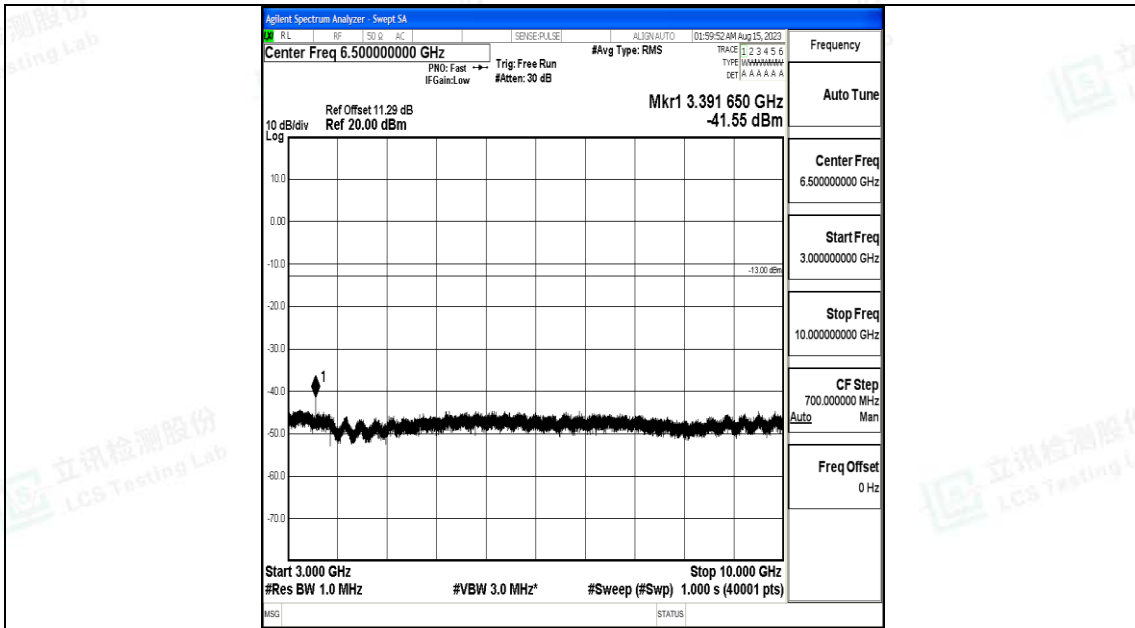


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_30~1000\_30~1000

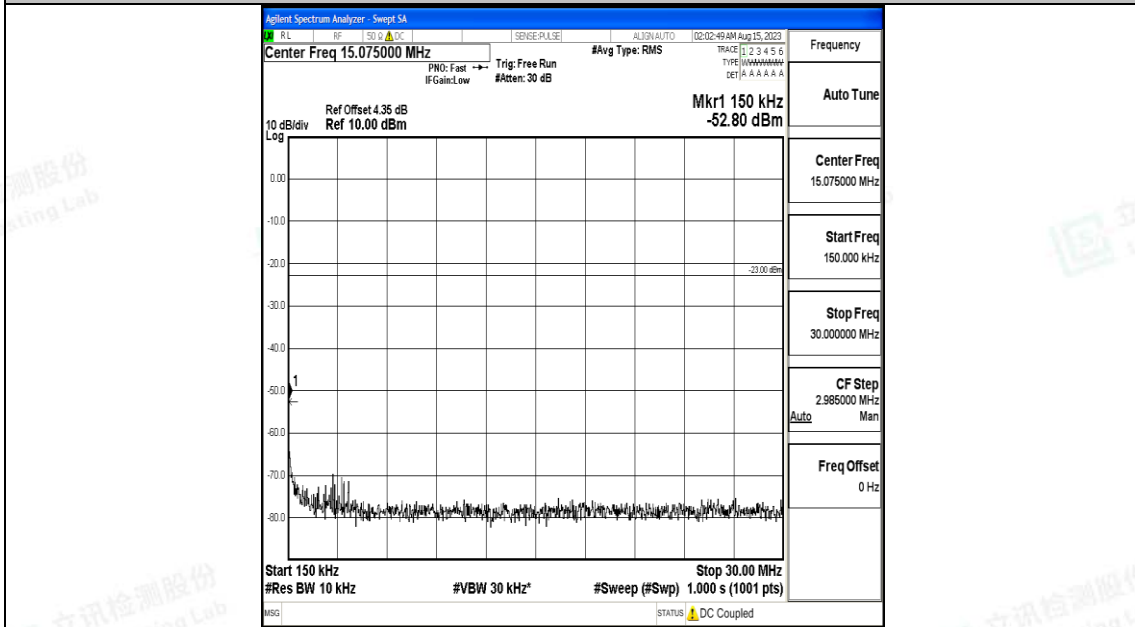


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_1000~3000\_1000~3000



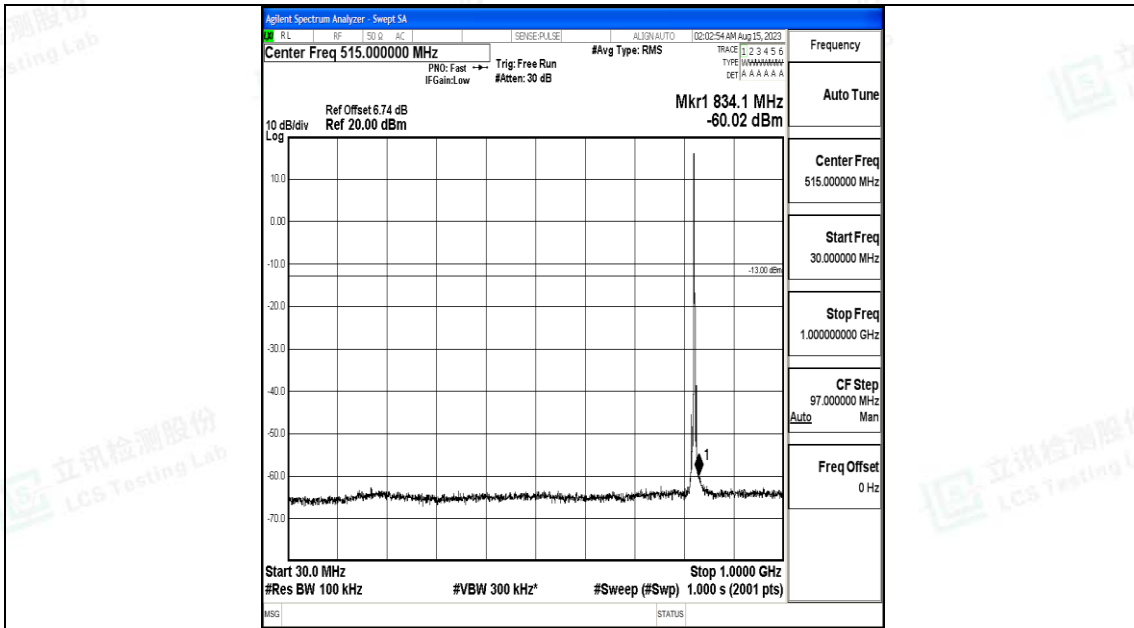


Band5\_1.4MHz\_16QAM\_20643\_1RB#0\_3000~10000\_3000~10000

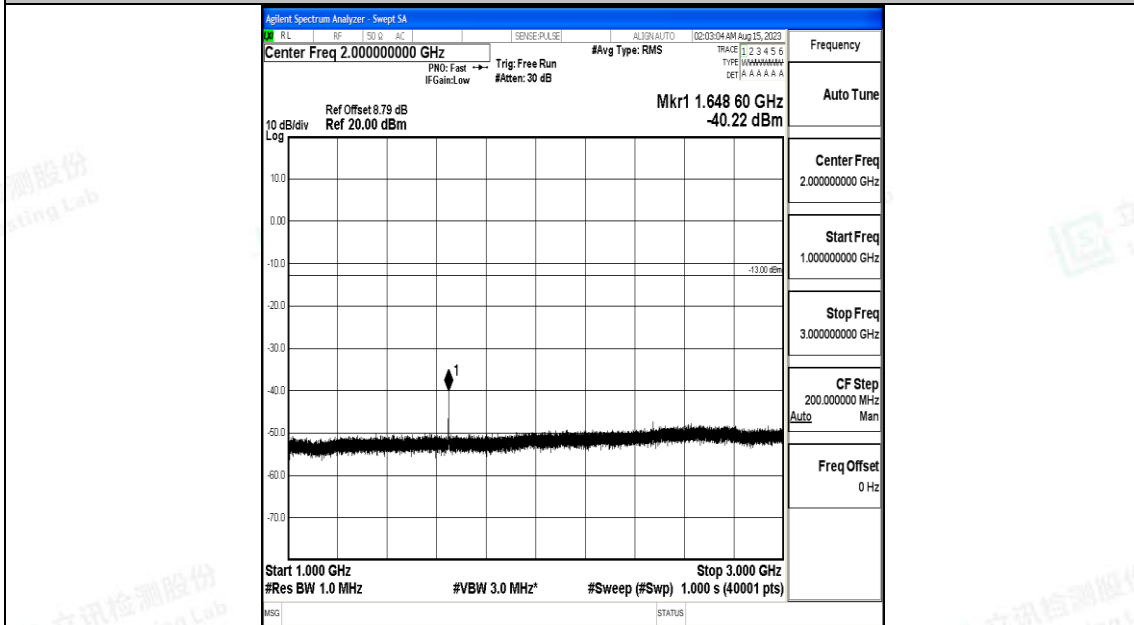


Band5\_3MHz\_QPSK\_20415\_1RB#0\_0.15~30\_0.15~30



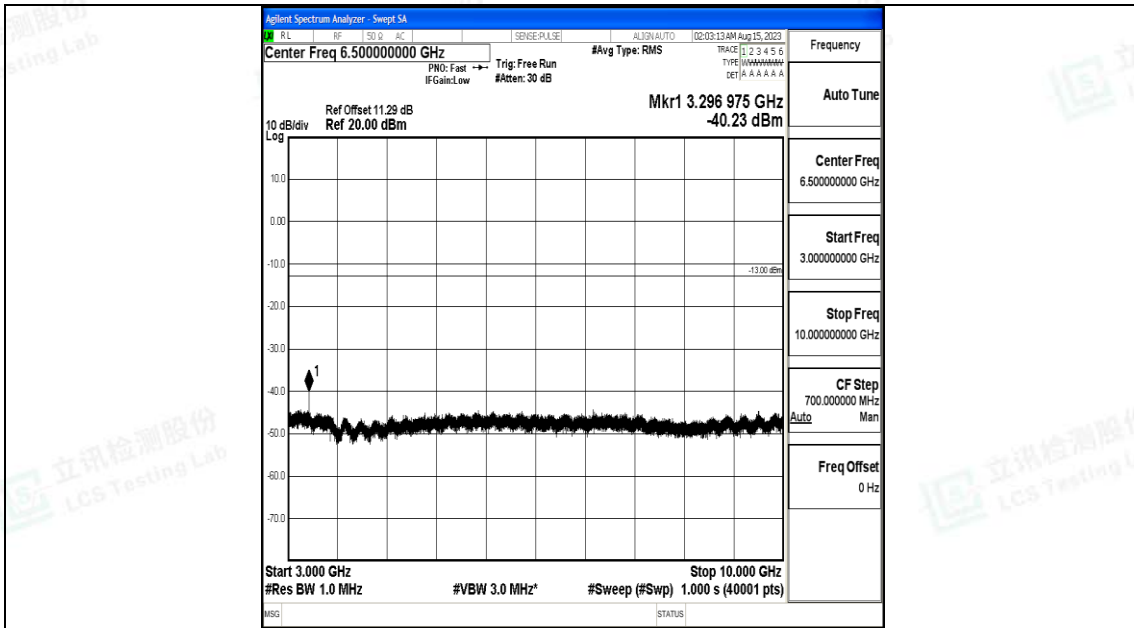


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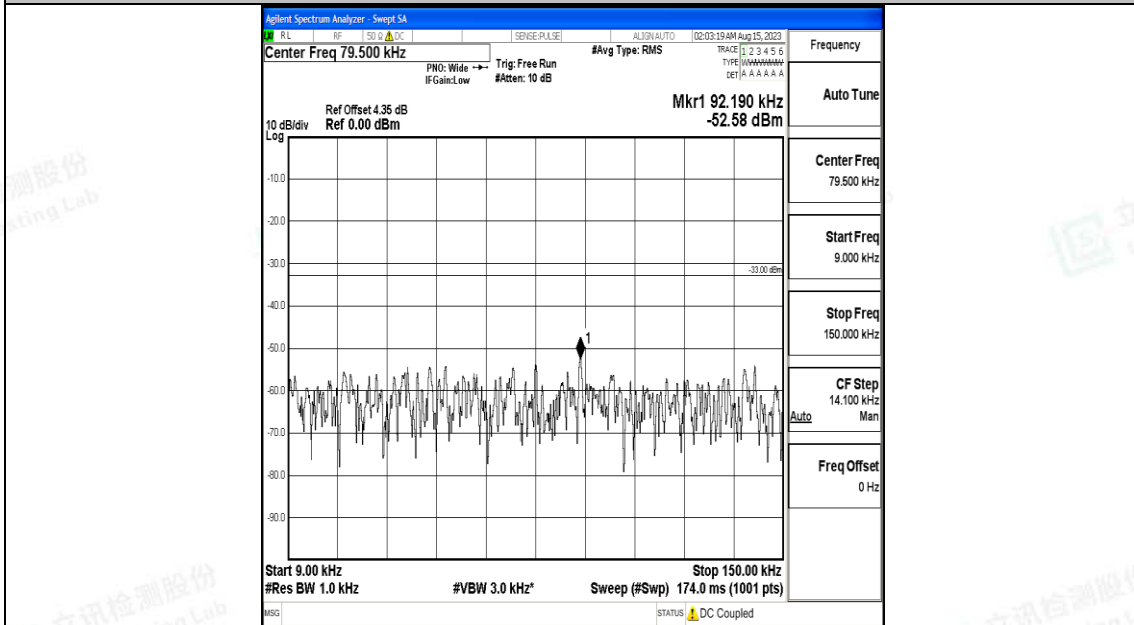


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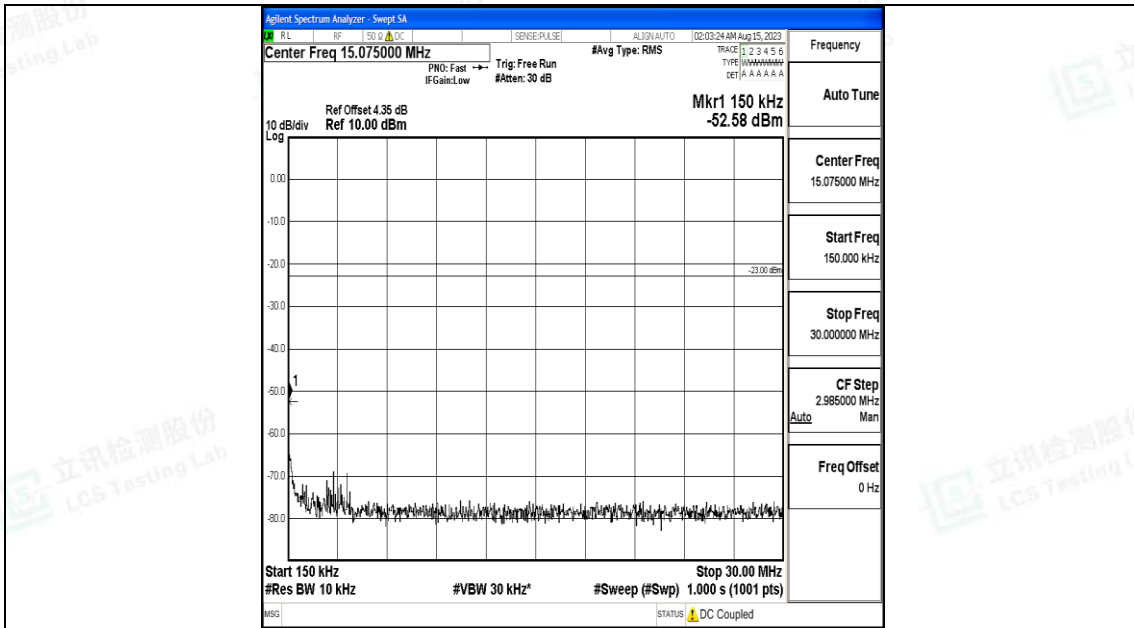


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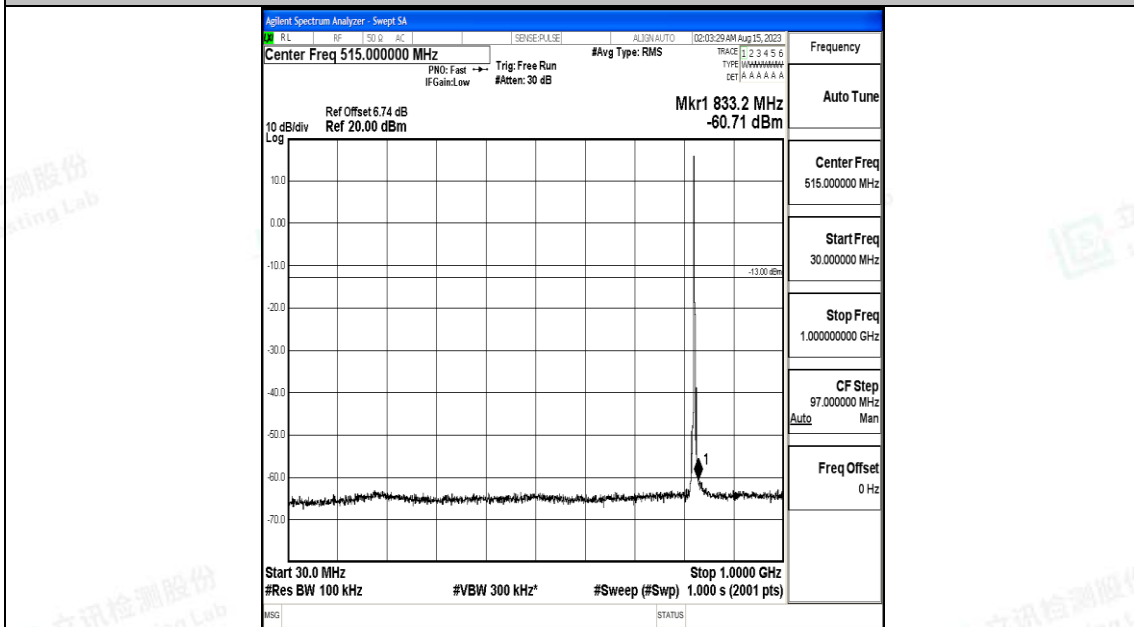


Band5\_3MHz\_16QAM\_20415\_1RB#0\_0.009~0.15\_0.009~0.15



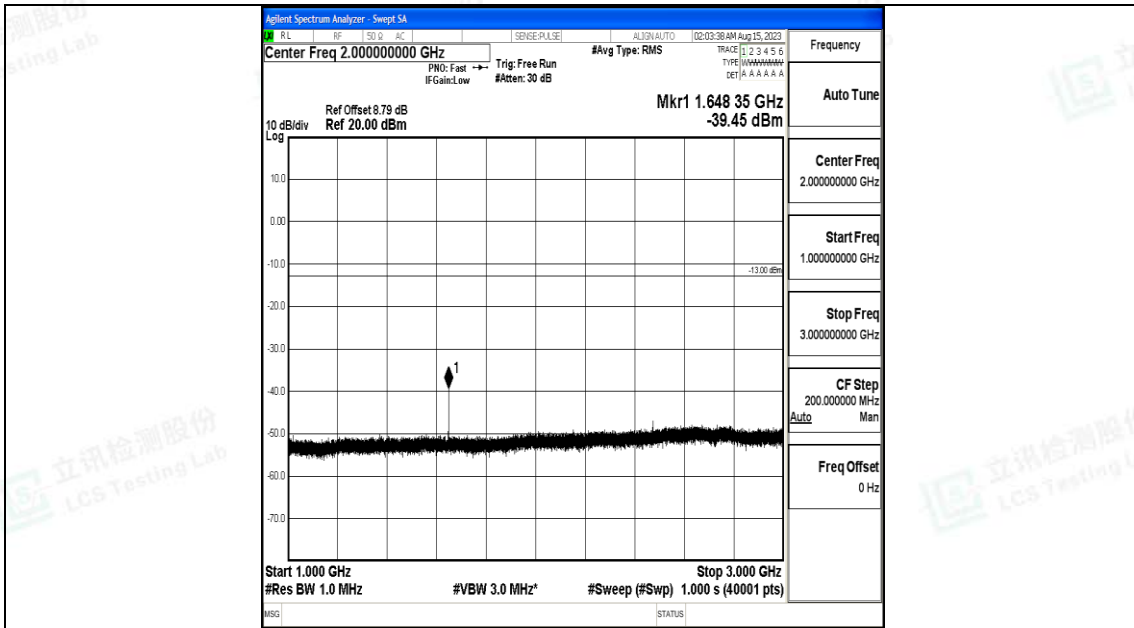


Band5\_3MHz\_16QAM\_20415\_1RB#0\_0.15~30\_0.15~30

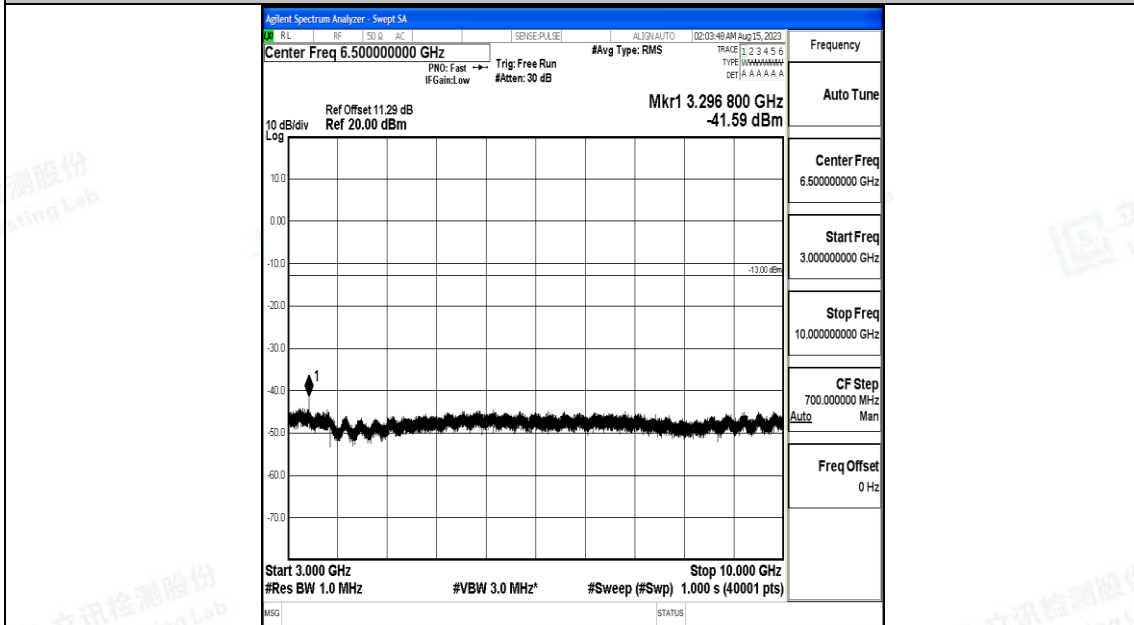


Band5\_3MHz\_16QAM\_20415\_1RB#0\_30~1000\_30~1000



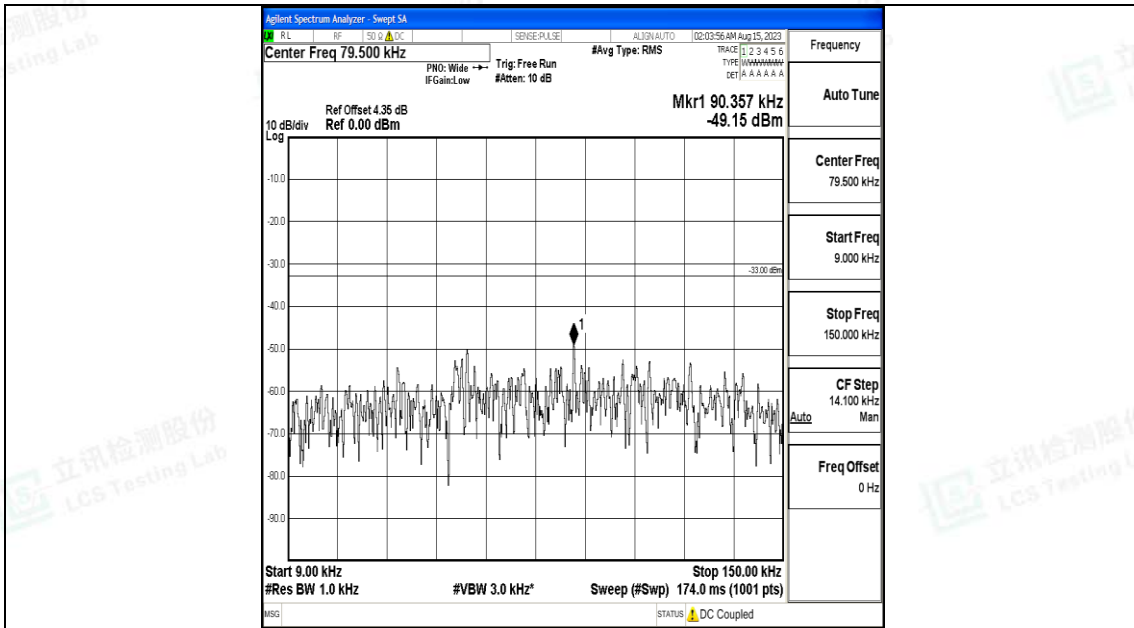


Band5\_3MHz\_16QAM\_20415\_1RB#0\_1000~3000\_1000~3000

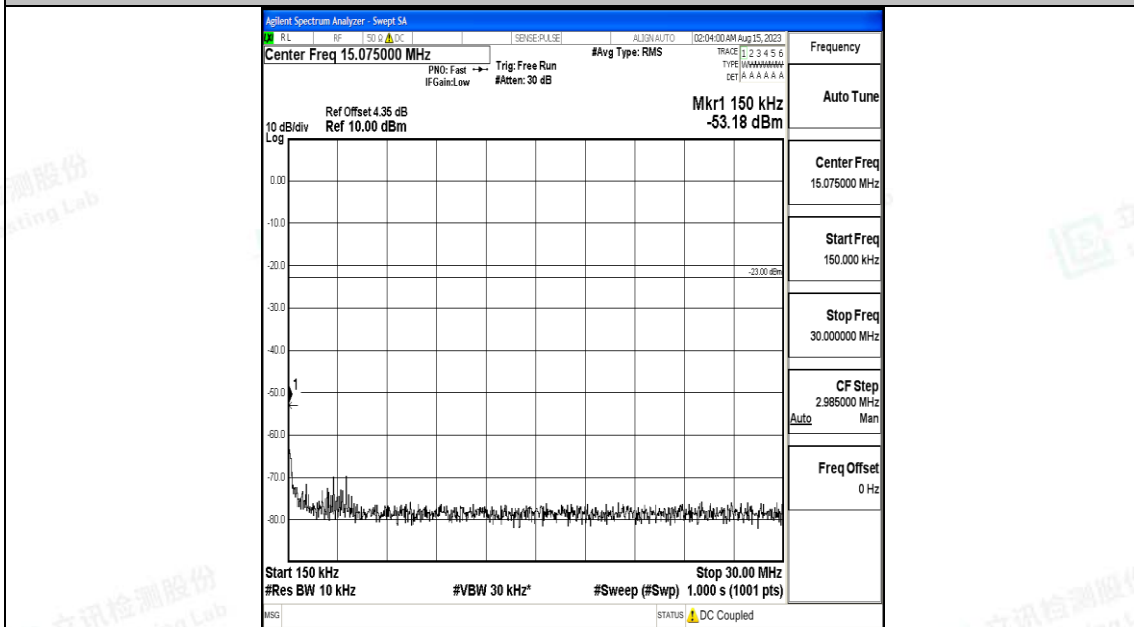


Band5\_3MHz\_16QAM\_20415\_1RB#0\_3000~10000\_3000~10000





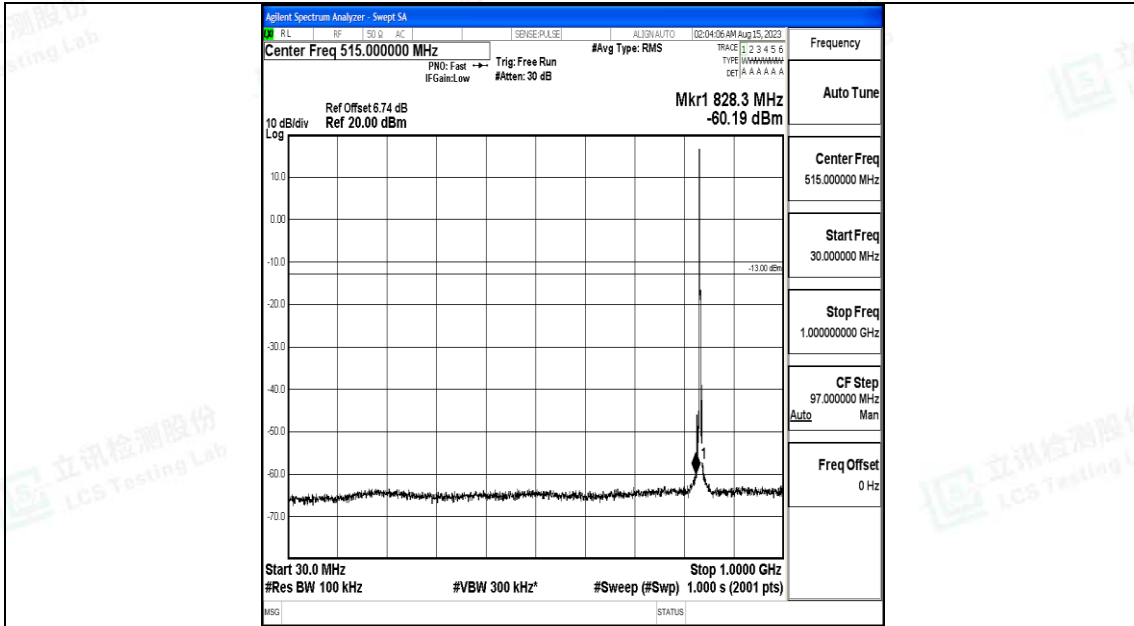
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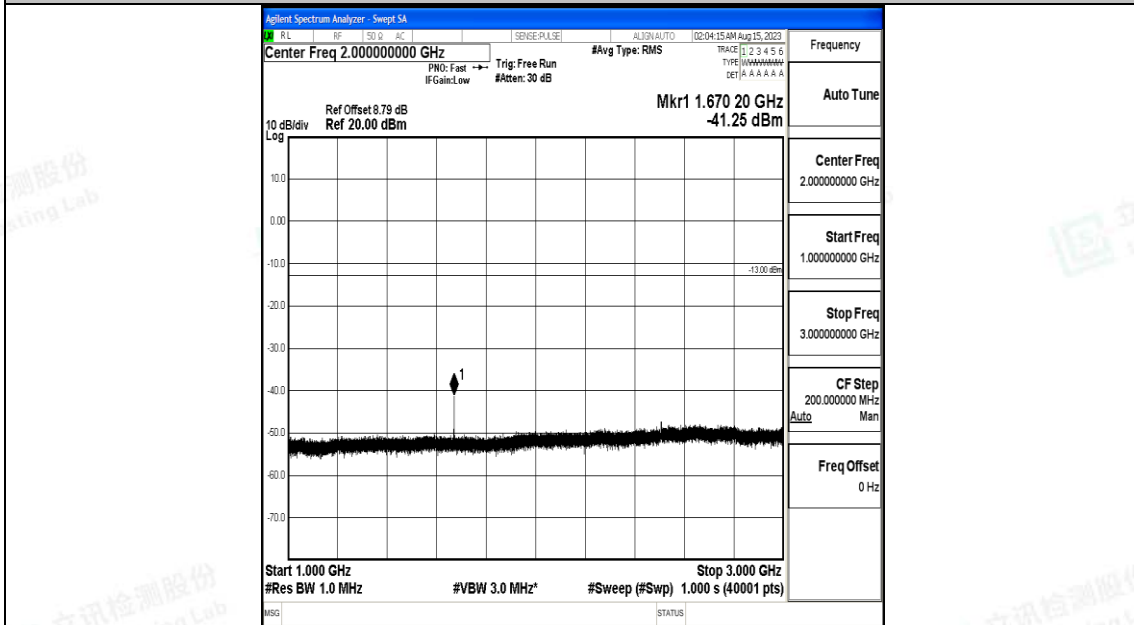
Band5\_3MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30







Band5\_3MHz\_QPSK\_20525\_1RB#0\_30~1000\_30~1000



Band5\_3MHz\_QPSK\_20525\_1RB#0\_1000~3000\_1000~3000

