



## Appendix I: Test Data for E-UTRA Band 41

Product Name: Smart POS

Test Model: WIZARPOS Q3B

### Environmental Conditions

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





### I.1 Conducted Power Output Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.02	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.33	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.05	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.34	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.87	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.23	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.95	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.33	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.05	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.47	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.15	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.41	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.18	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.68	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.03	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.45	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.93	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.44	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.31	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.99	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.37	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.01	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.38	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.94	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.29	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.85	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.40	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.53	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.88	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.59	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.82	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.59	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.83	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.48	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.78	PASS



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Band41	5MHz	QPSK	41565	12RB#6	20.50	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.79	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.44	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.71	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.50	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.82	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.76	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.41	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.60	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.19	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.52	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.19	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.86	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.25	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.87	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.25	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.67	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.14	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.74	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.14	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.26	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.79	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.06	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.80	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.08	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.73	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.14	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.36	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.05	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.37	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.04	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.28	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.01	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.43	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.63	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.05	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.67	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.11	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.72	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.06	PASS





Band41	10MHz	QPSK	41540	25RB#0	20.48	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.87	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.49	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.87	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.63	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.85	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.56	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.92	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.12	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.77	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.11	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.72	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.91	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.99	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.70	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.70	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.70	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.70	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.70	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.69	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.69	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.21	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.23	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.92	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.14	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.83	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.05	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.65	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.98	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.98	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.98	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.98	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.98	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.98	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.98	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.47	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.69	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.14	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.58	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.11	PASS



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Band41	15MHz	QPSK	41515	1RB#74	21.72	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.19	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.58	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.58	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.58	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.58	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.58	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.58	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.58	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.91	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.78	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.49	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.52	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.21	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.60	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.36	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.77	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.23	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.68	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.23	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.56	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.02	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.61	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.13	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.23	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.06	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.10	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.03	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.96	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.70	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.15	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.63	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.17	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.64	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.99	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.39	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.96	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.33	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.65	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.19	PASS



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Band41	20MHz	QPSK	41490	1RB#49	21.59	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.23	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.74	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.38	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.53	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.06	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.55	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.07	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.47	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.02	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.63	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.92	PASS



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

#### Test Result

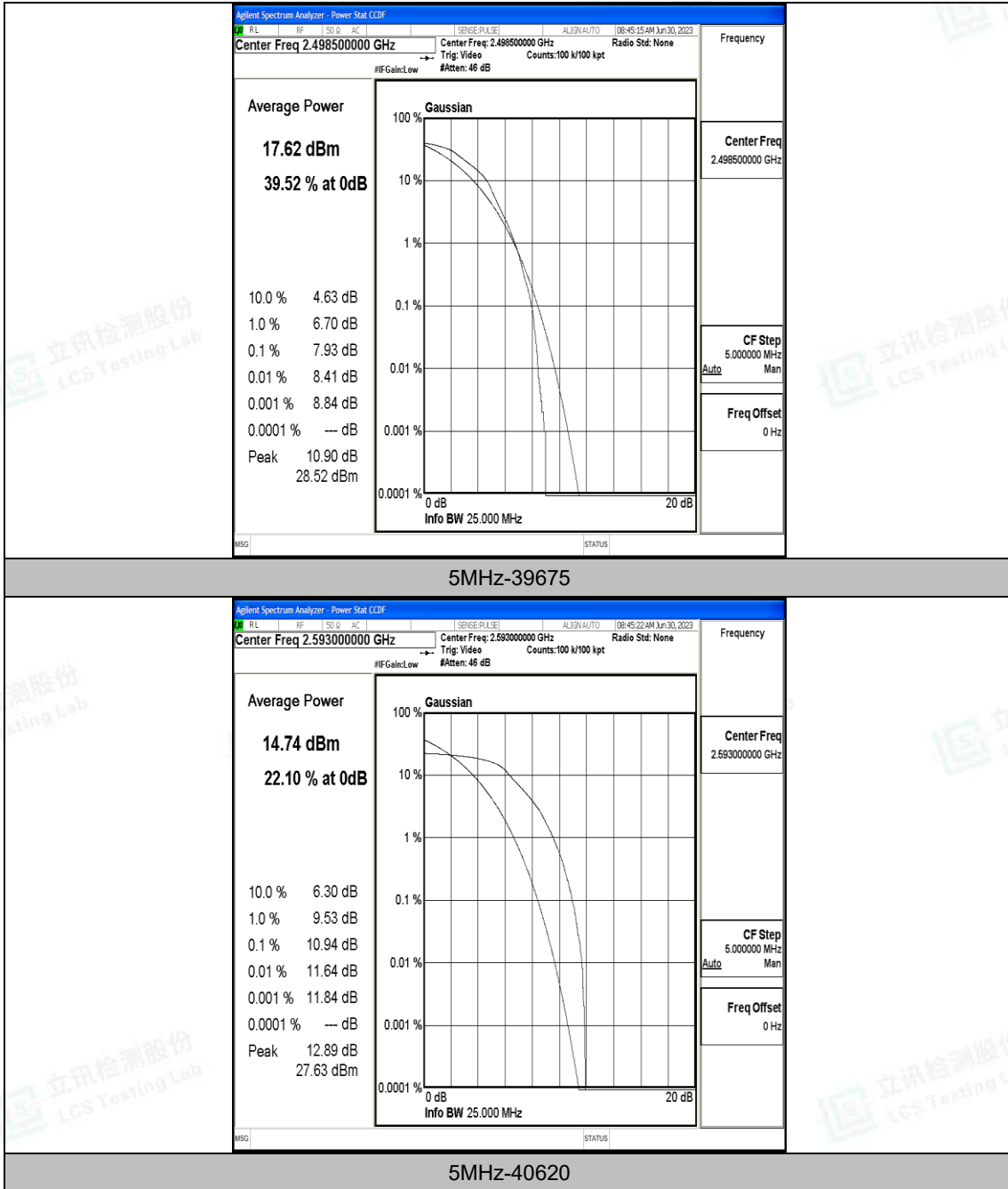
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	16QAM	39675	25RB#0	7.93	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	10.94	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	7.42	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	10.26	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	11.41	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.92	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.57	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.74	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	7.61	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.49	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.74	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.82	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.84	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.85	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	7.85	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.47	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.02	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.24	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.47	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.22	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	10.68	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.48	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	7.99	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	7.04	13	PASS



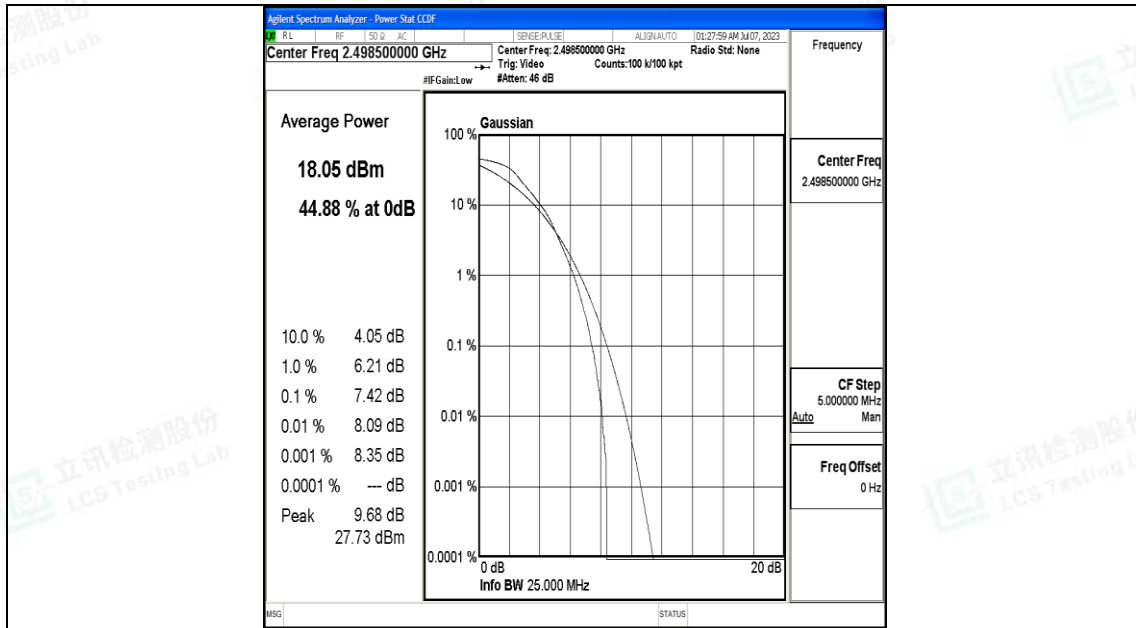
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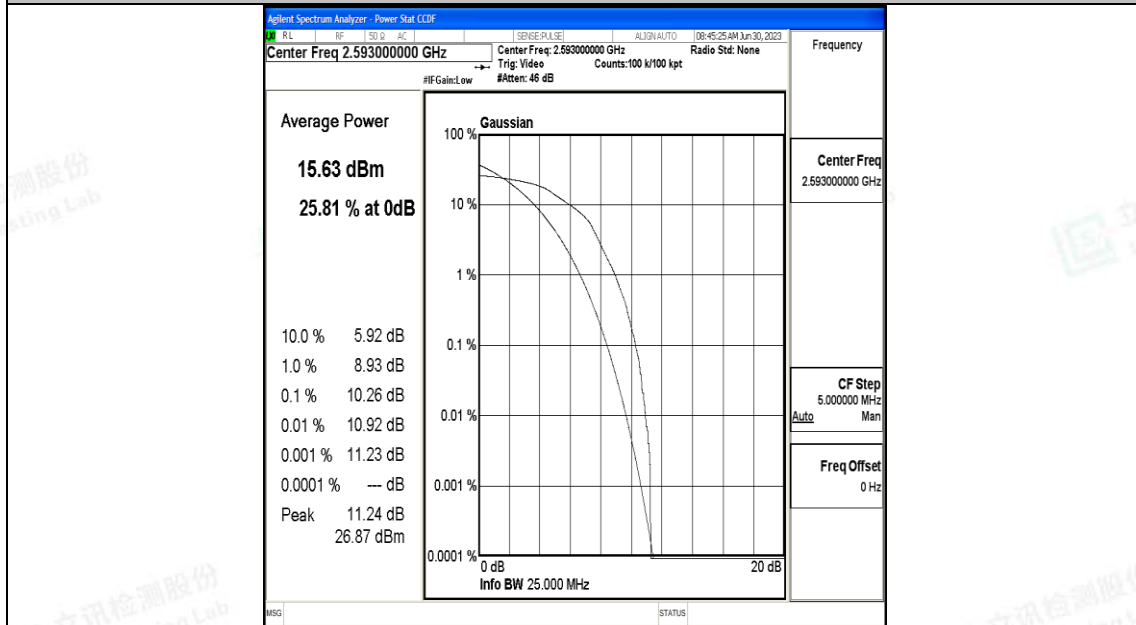
### Test Graphs





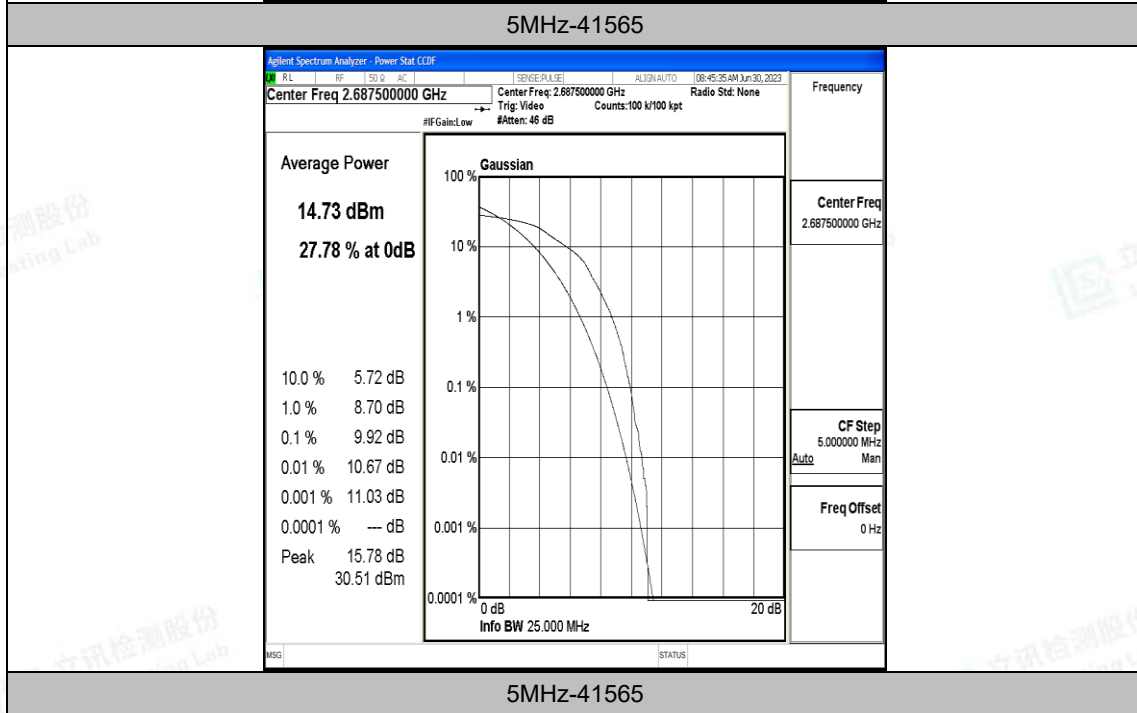
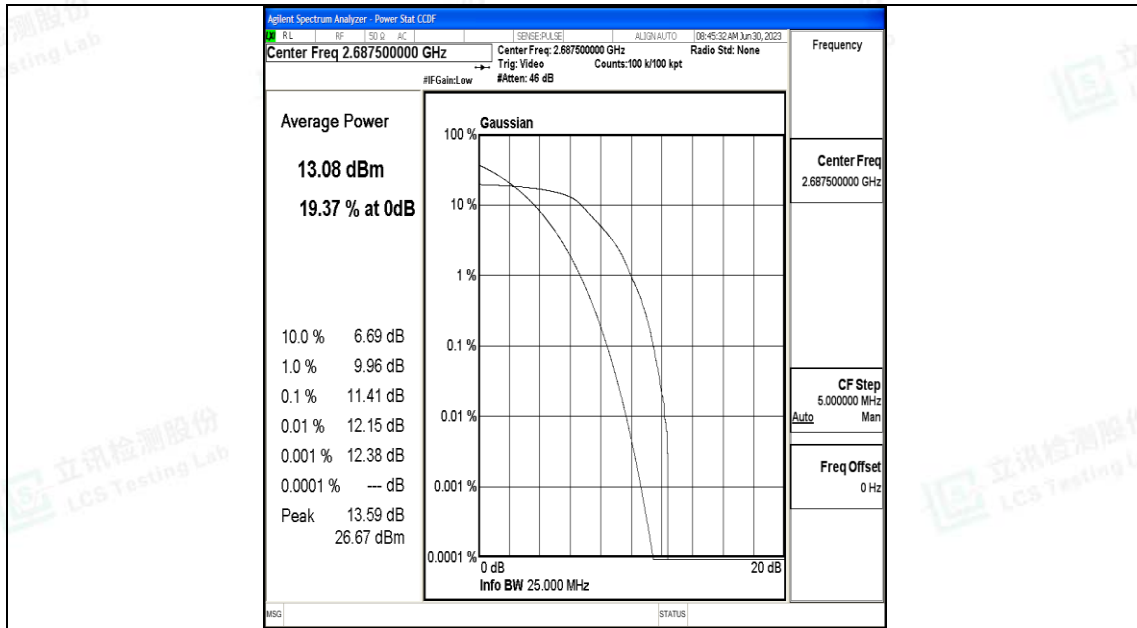


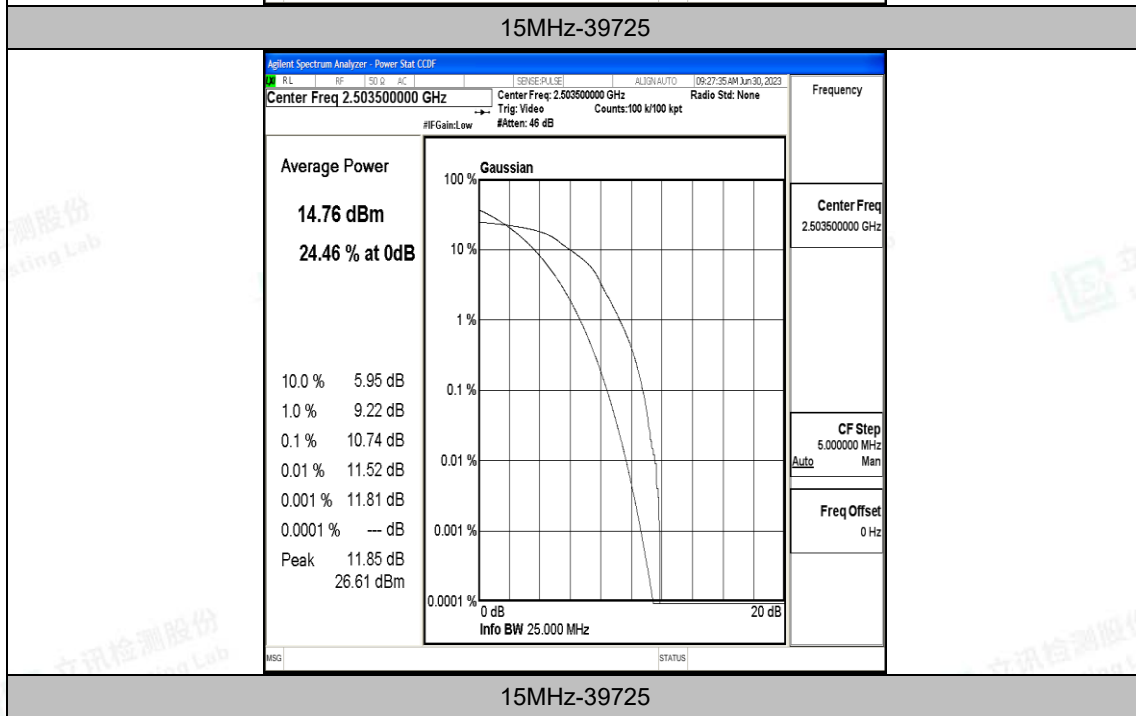
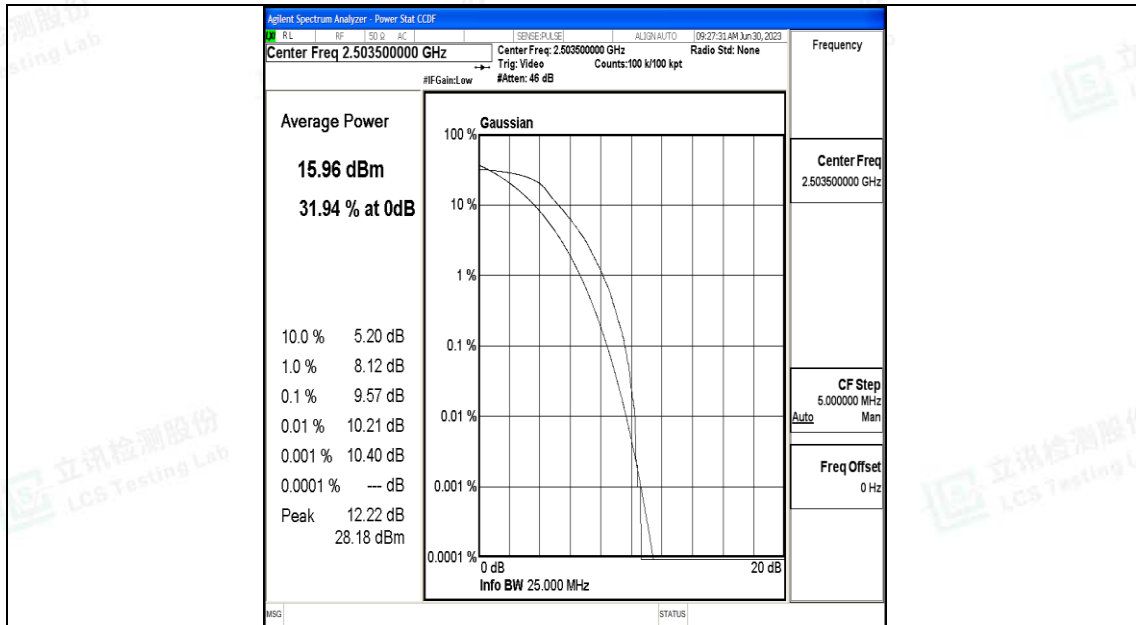
5MHz-39675

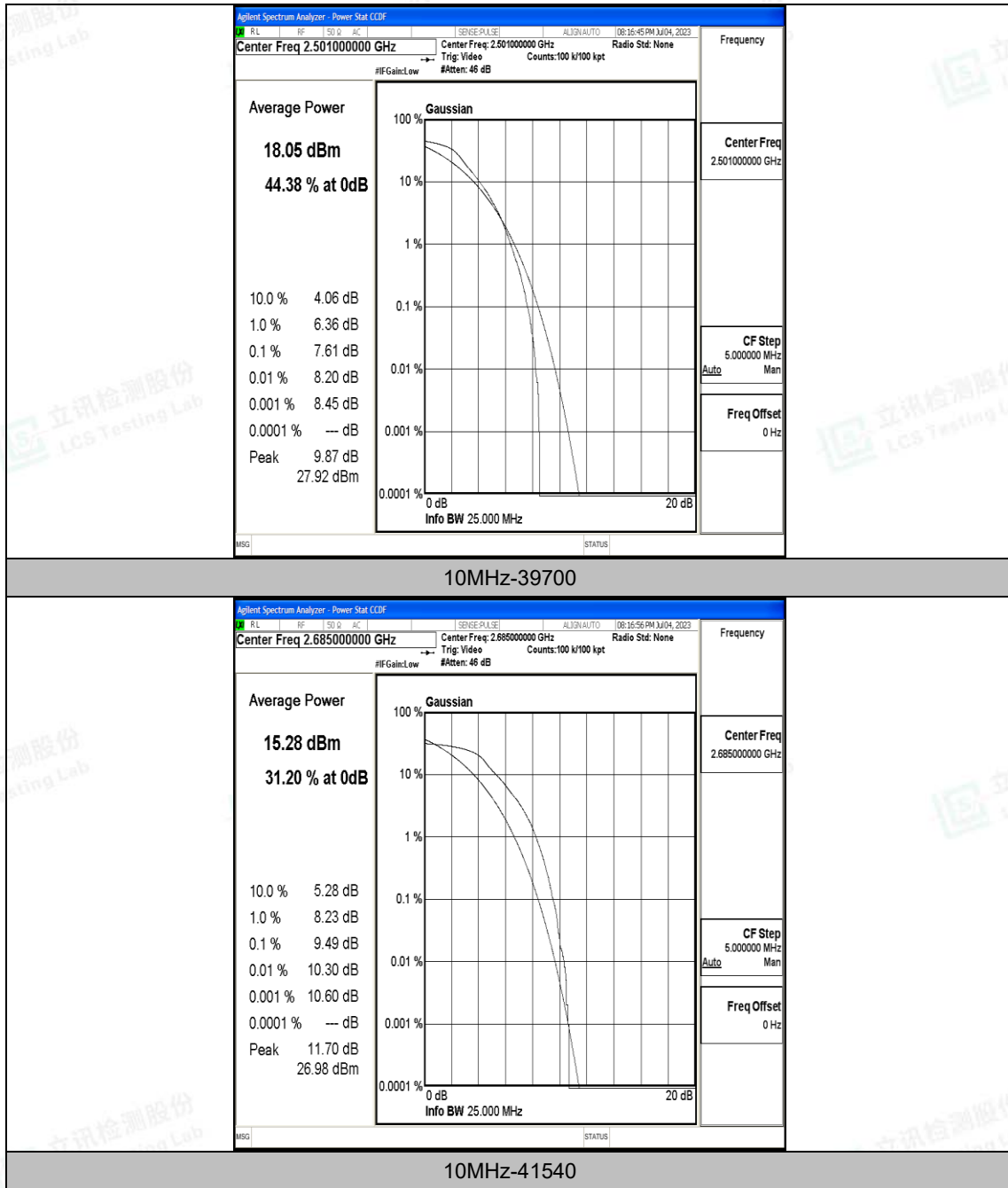


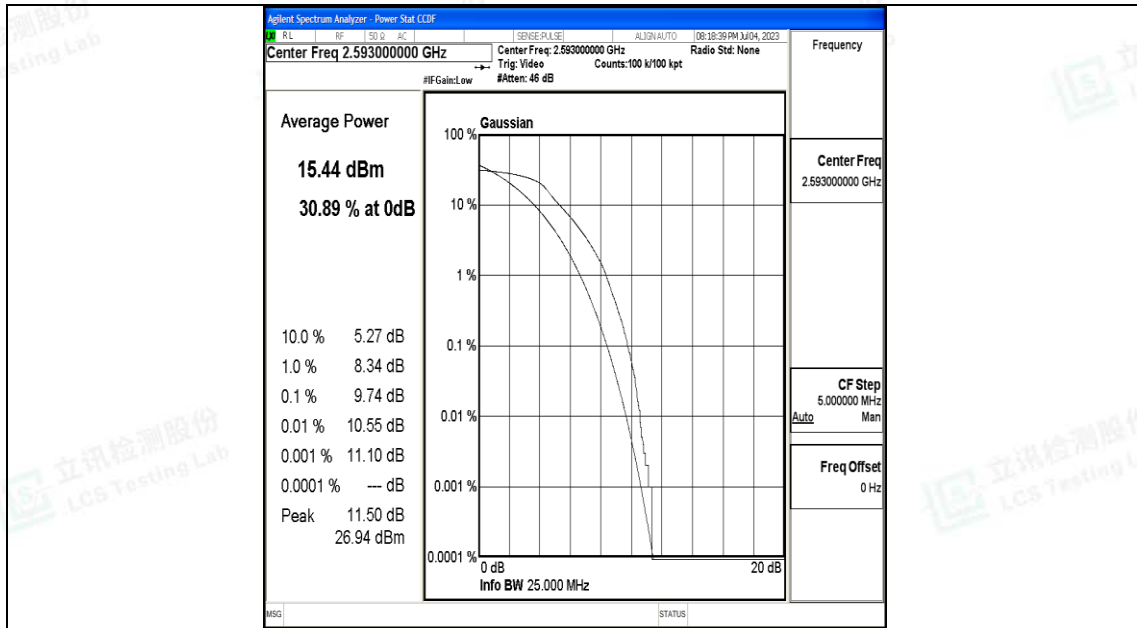
5MHz-40620



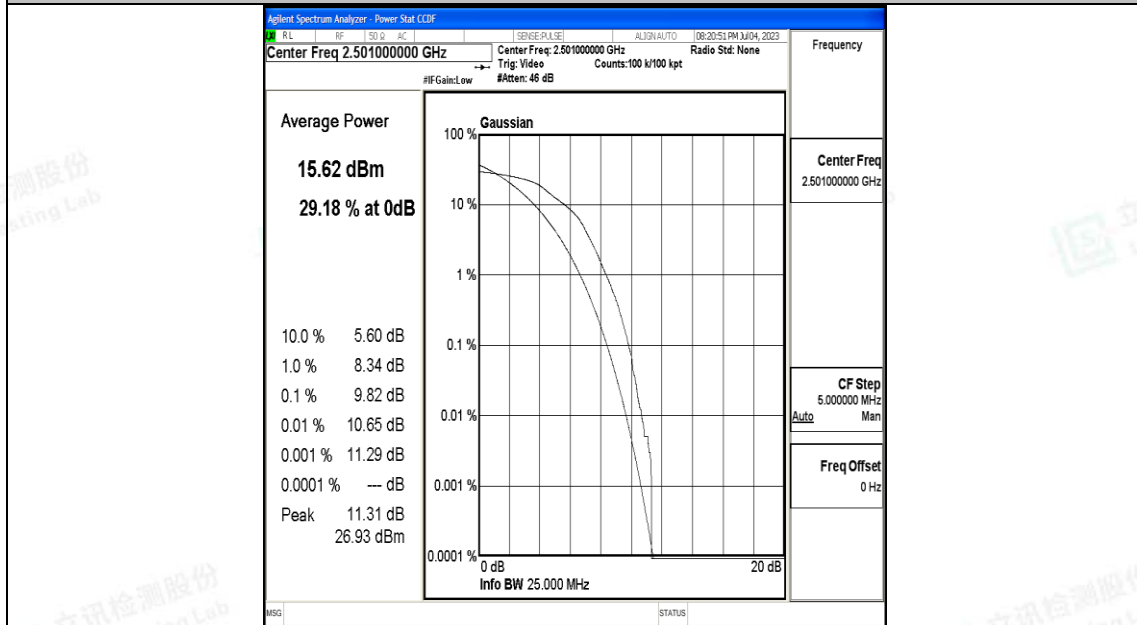






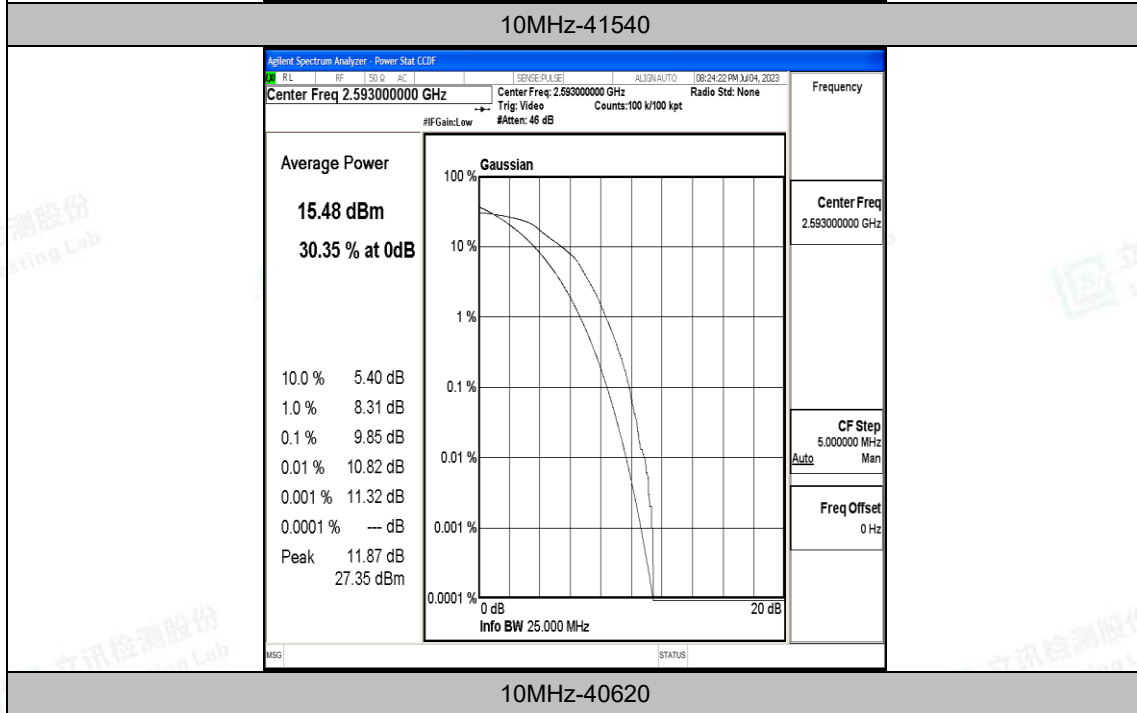
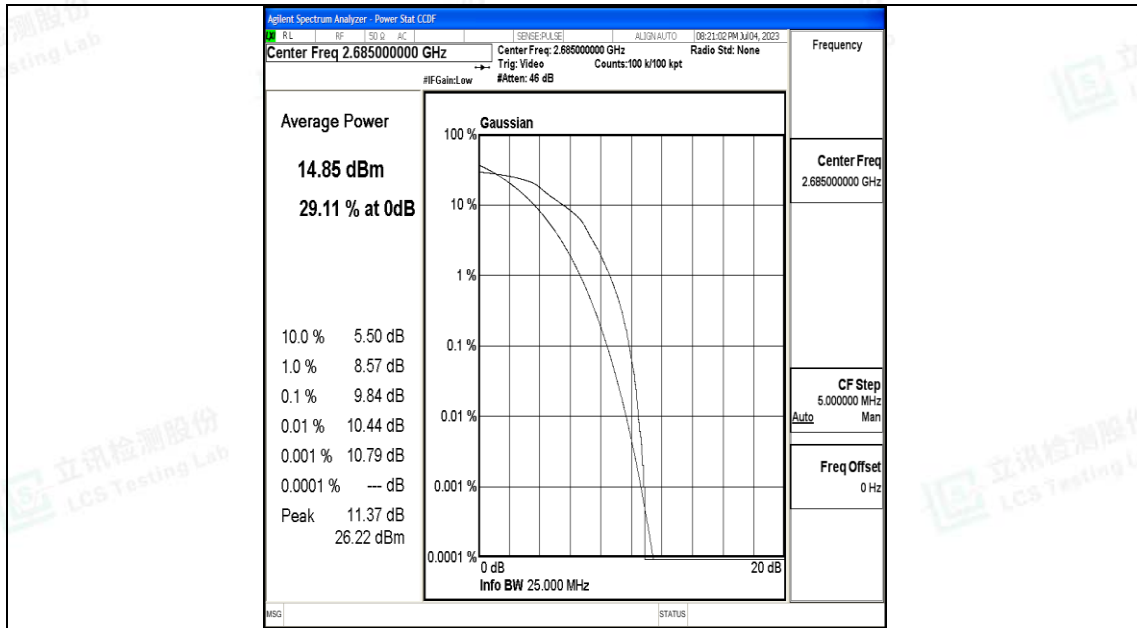


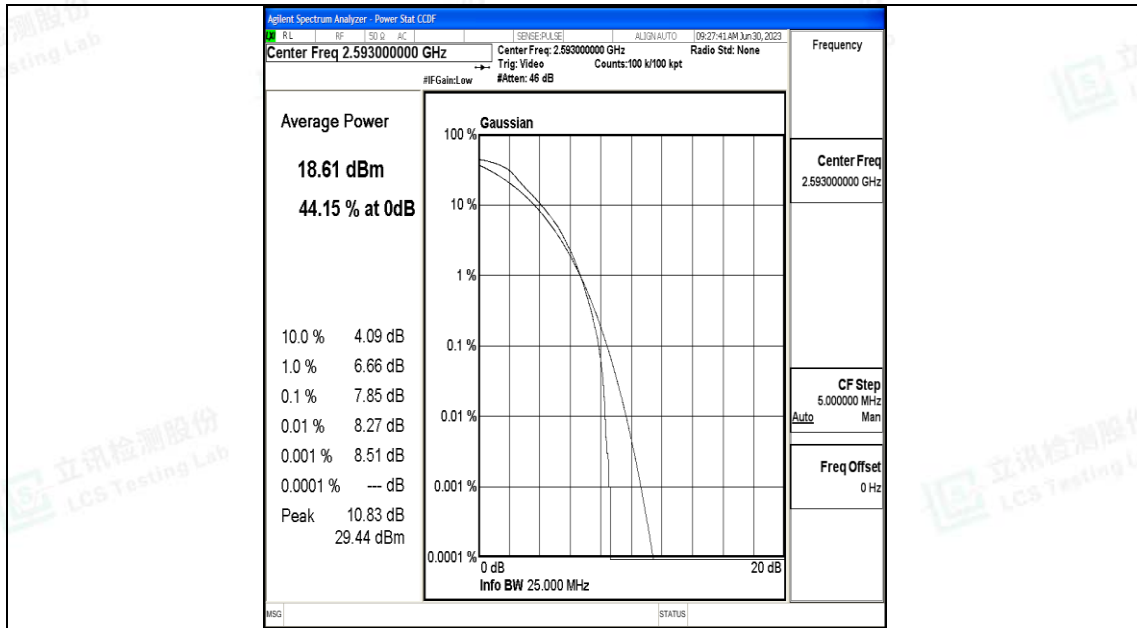
10MHz-40620



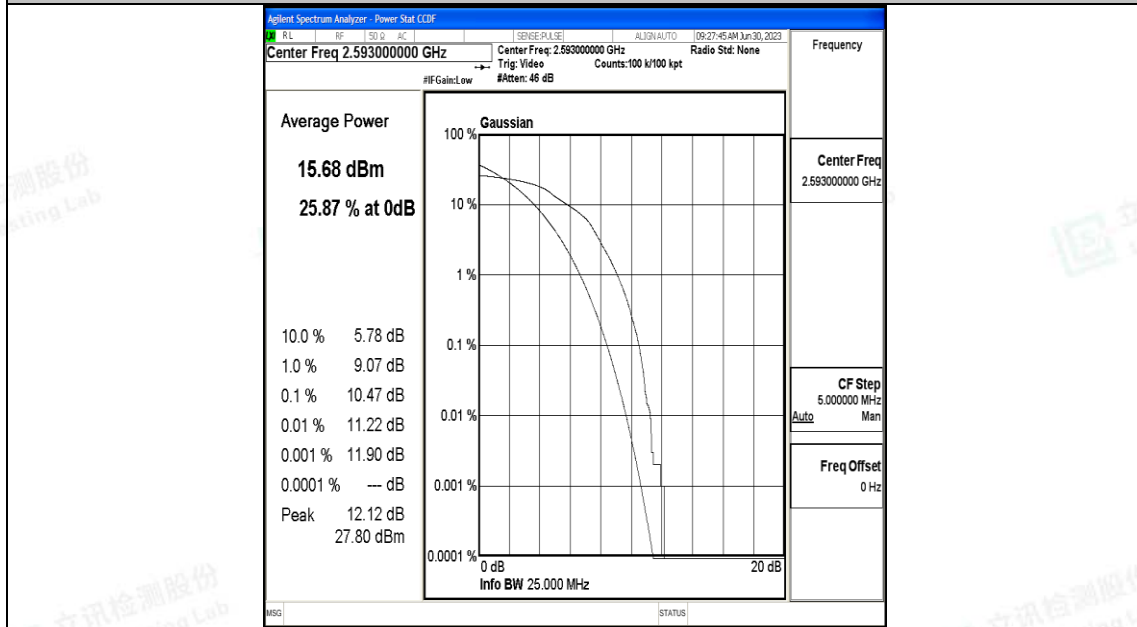
10MHz-39700





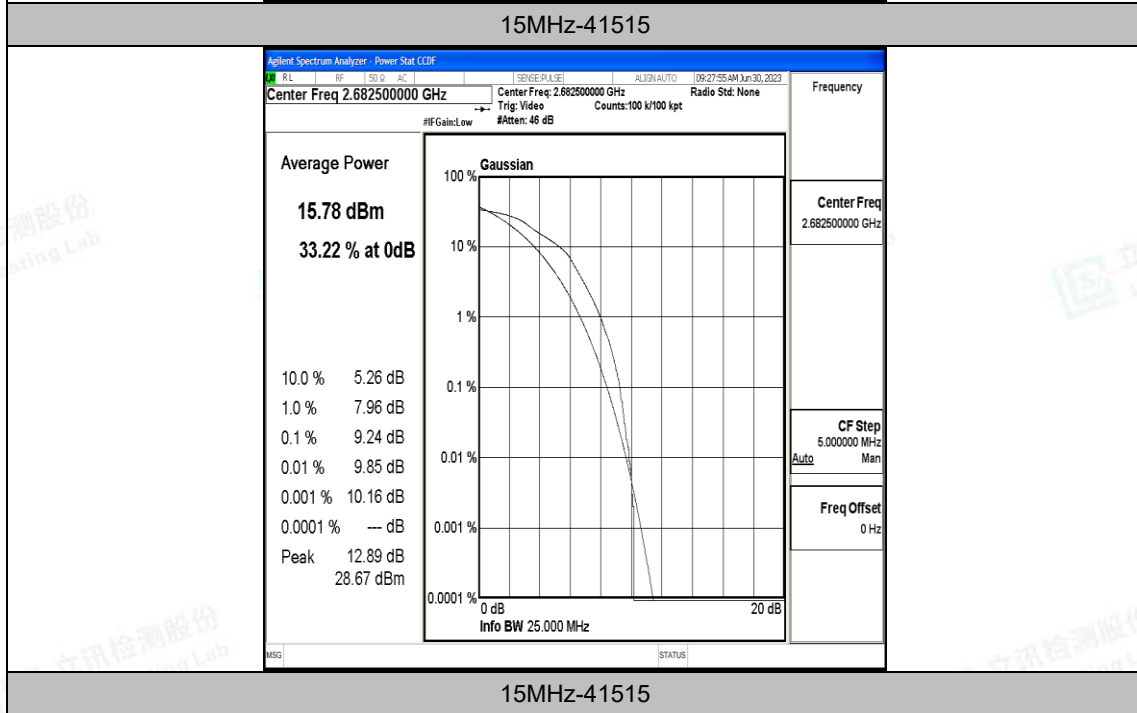
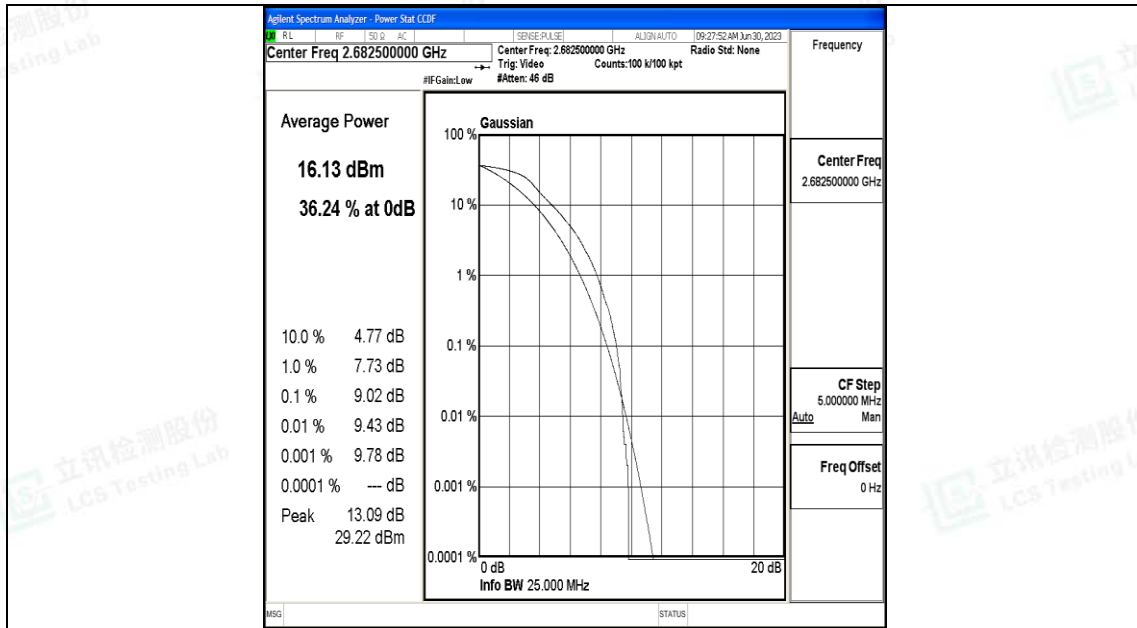


15MHz-40620

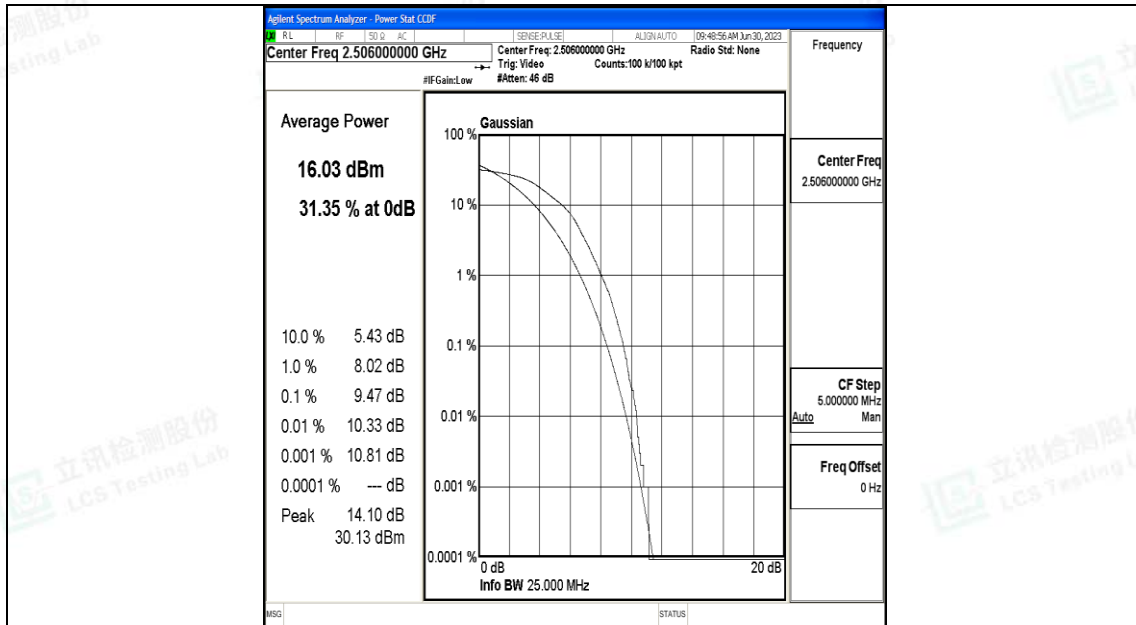


15MHz-40620

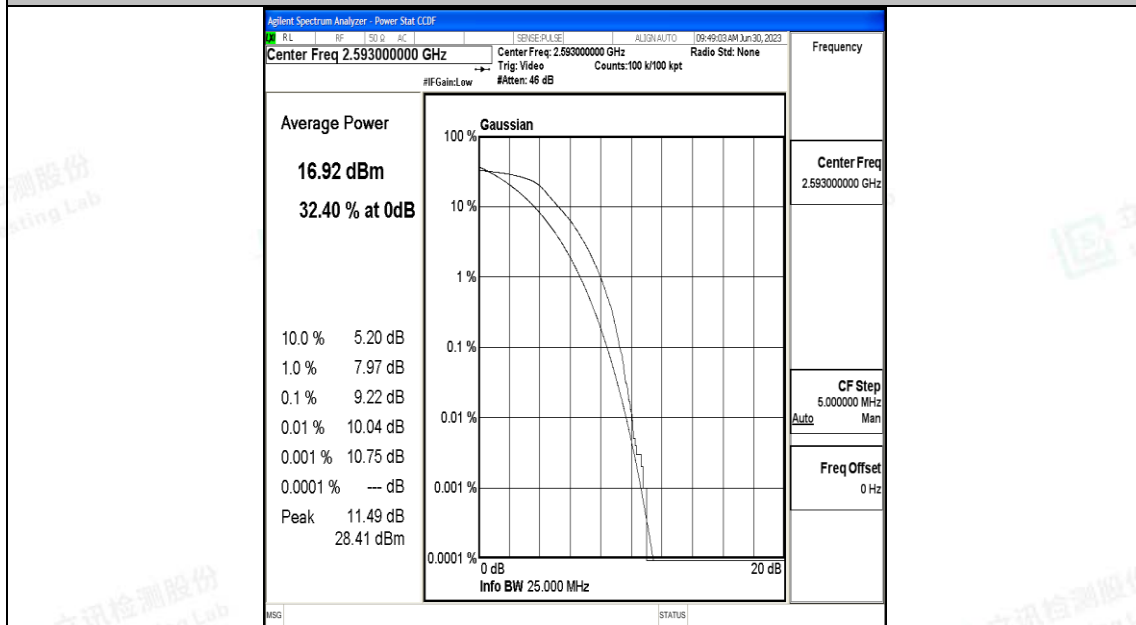






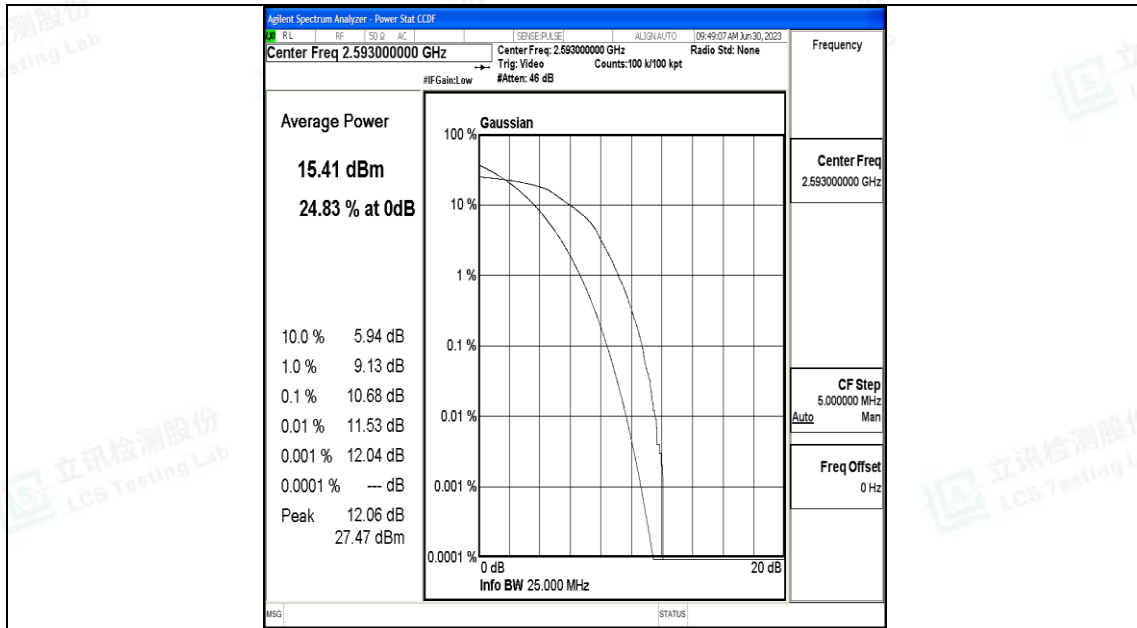


20MHz-39750

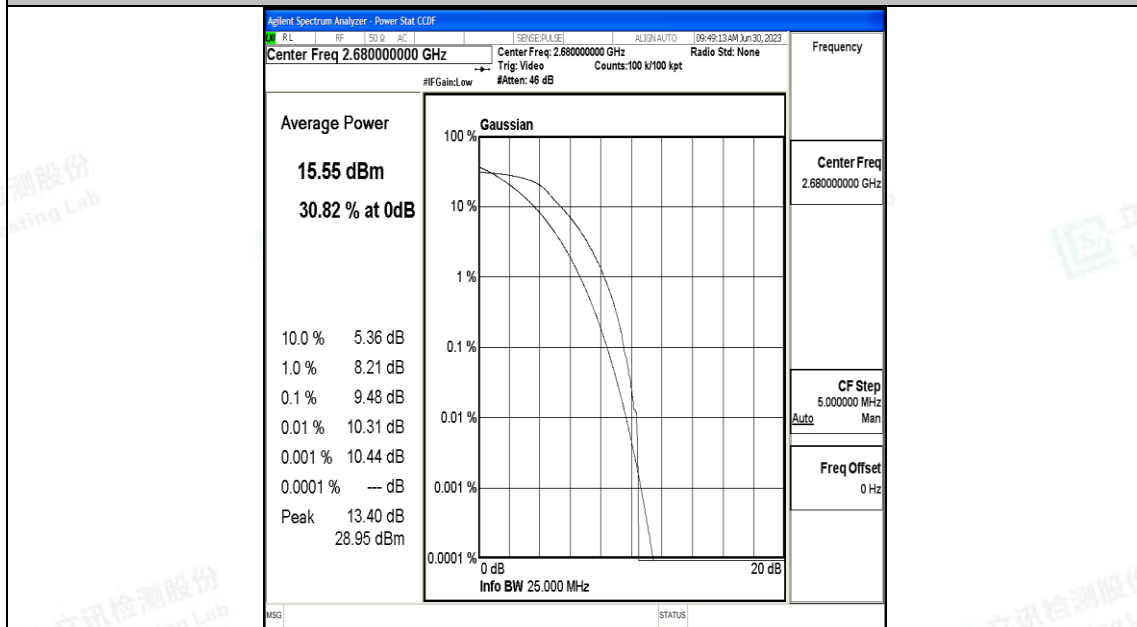


20MHz-40620



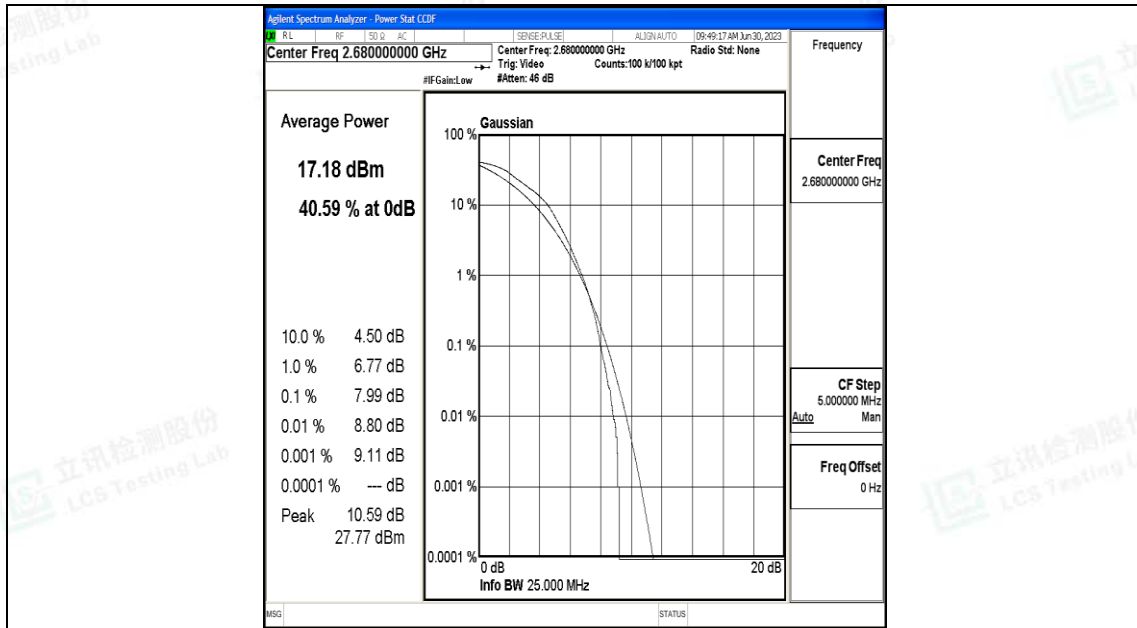


20MHz-40620

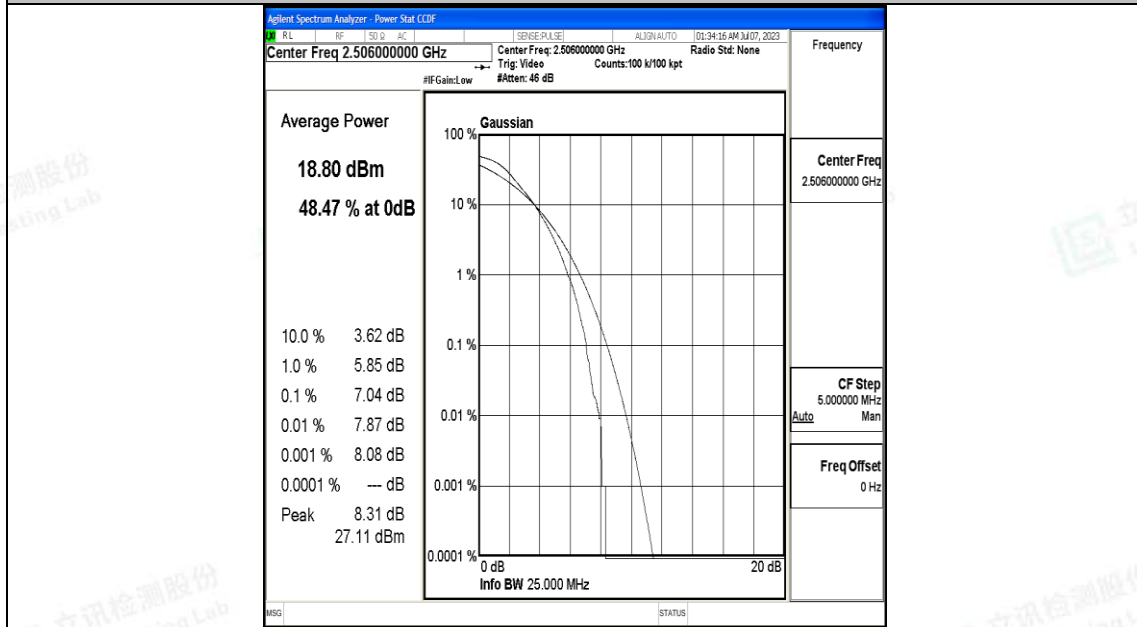


20MHz-41490





20MHz-41490



20MHz-39750





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

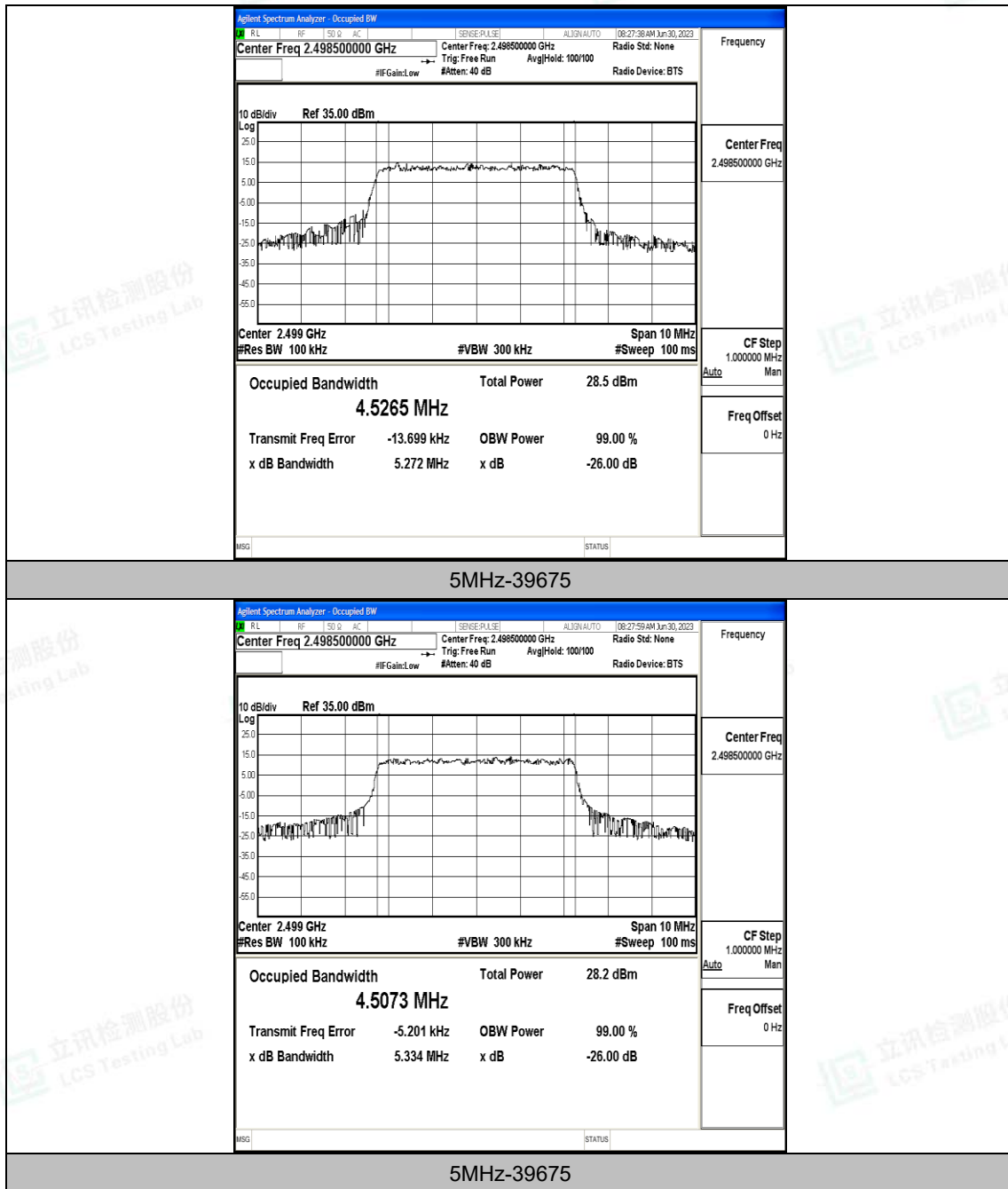
#### Test Result

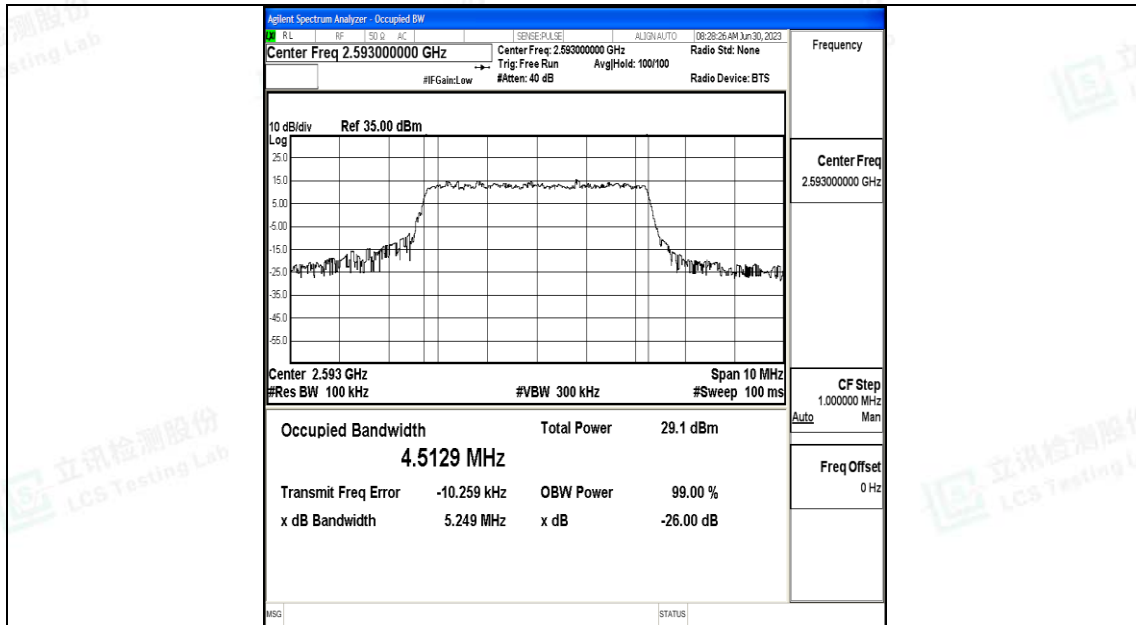
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5265	5.272	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5073	5.334	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5129	5.249	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5292	5.434	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4949	5.186	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5162	5.234	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9876	10.17	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9746	10.12	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9969	10.18	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9871	9.813	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0322	10.21	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0270	10.46	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.521	16.08	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.518	15.62	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.475	15.85	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.468	15.31	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.992	20.12	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.950	20.16	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.939	19.75	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.451	15.65	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.502	15.48	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.959	20.51	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.049	19.98	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.918	20.60	PASS



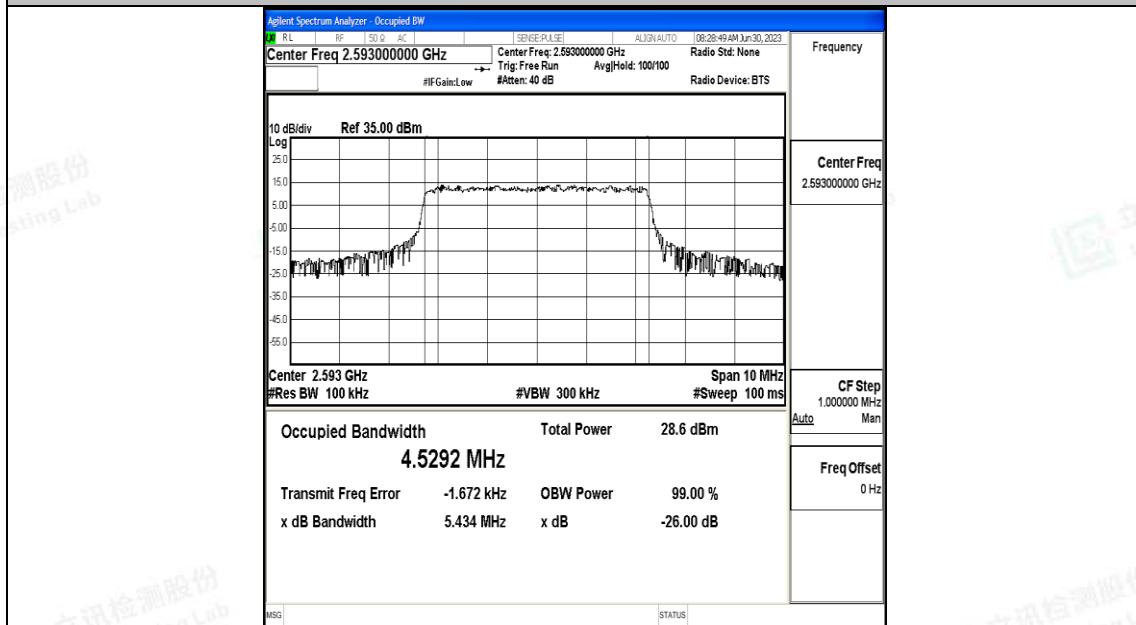


### Test Graphs



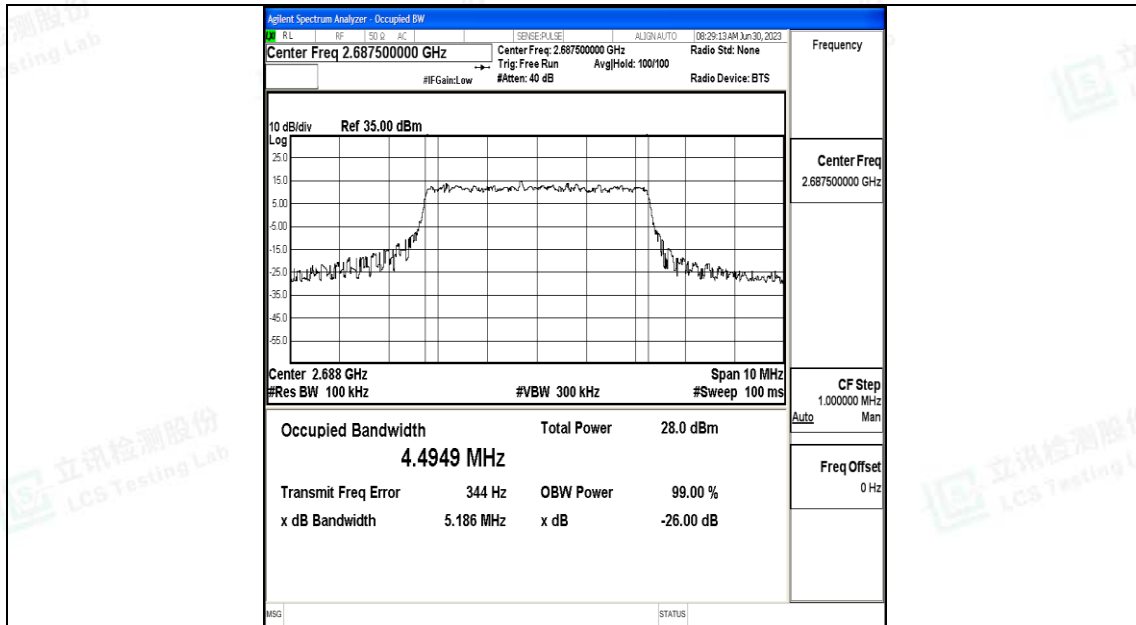


5MHz-40620

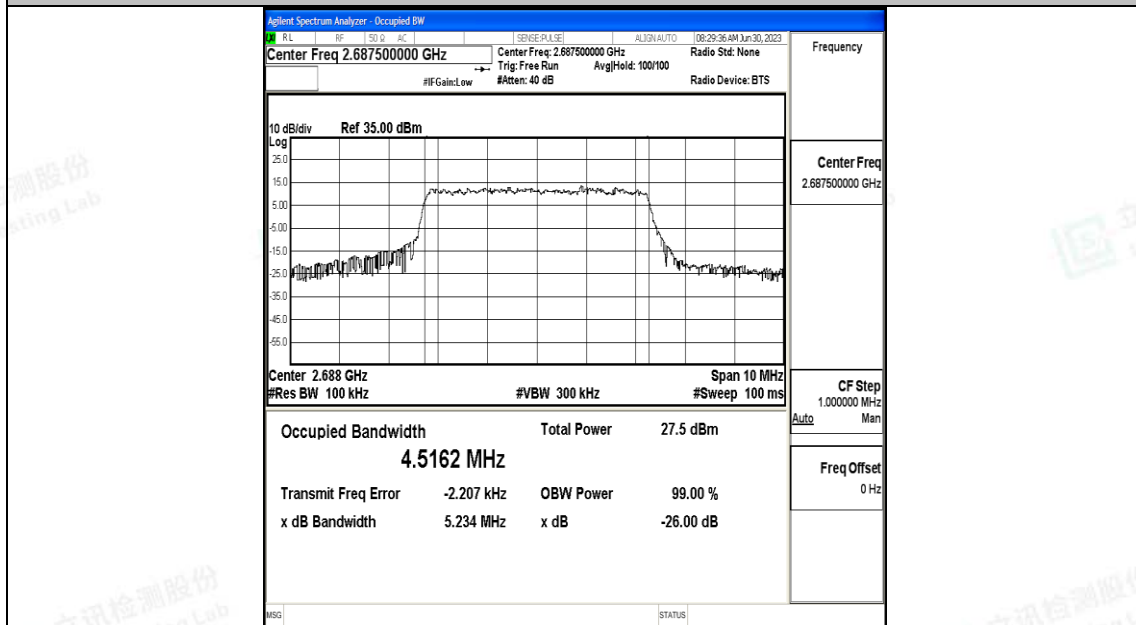


5MHz-40620



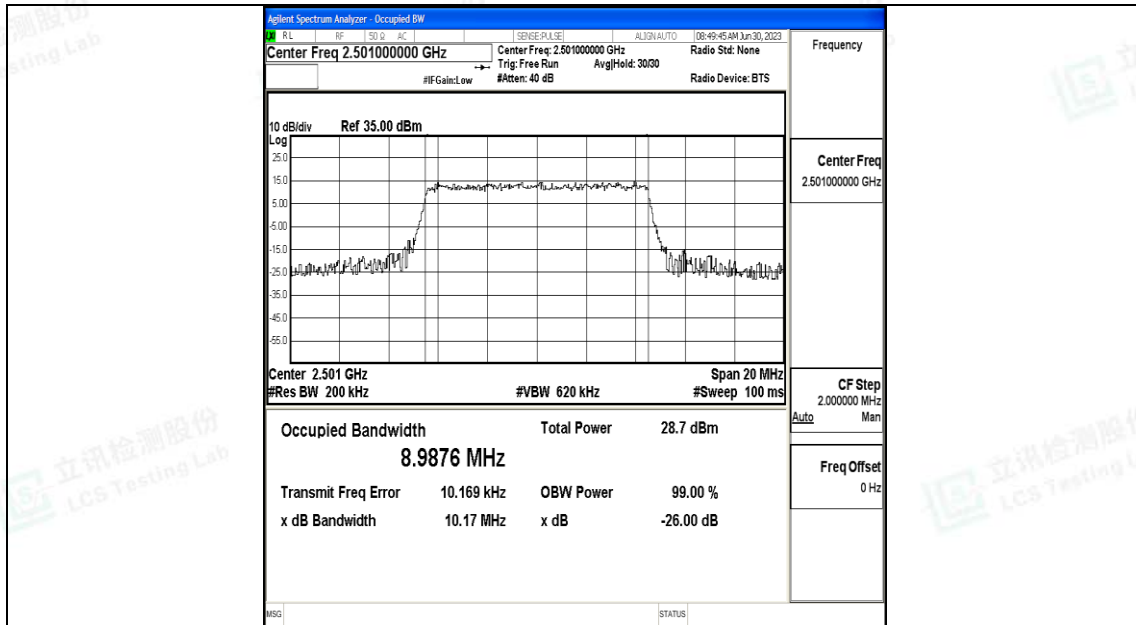


5MHz-41565

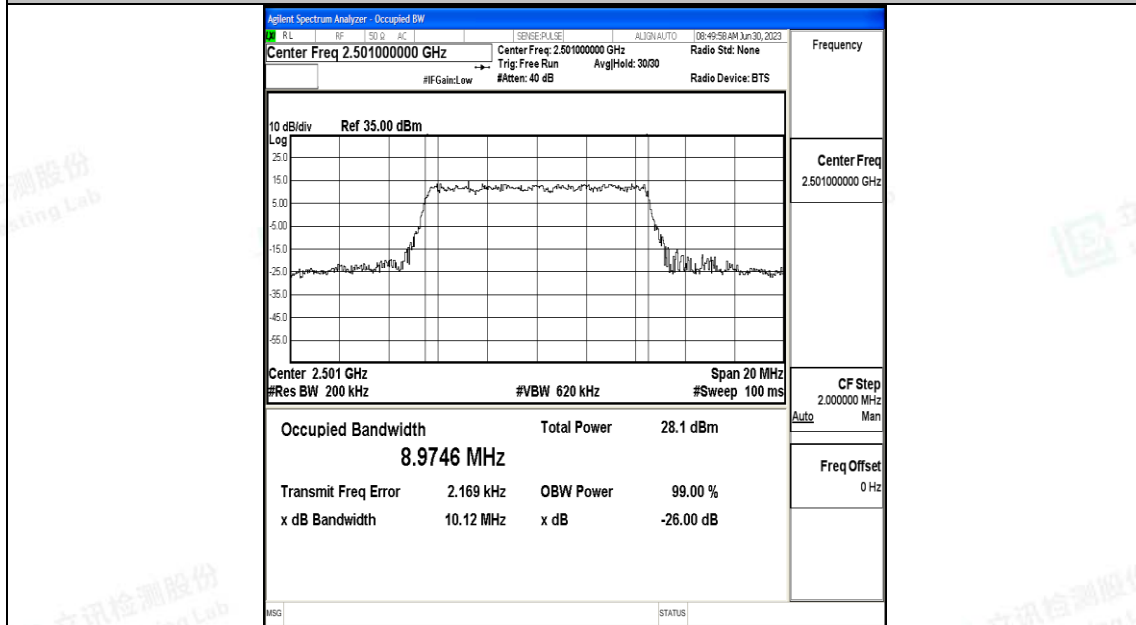


5MHz-41565





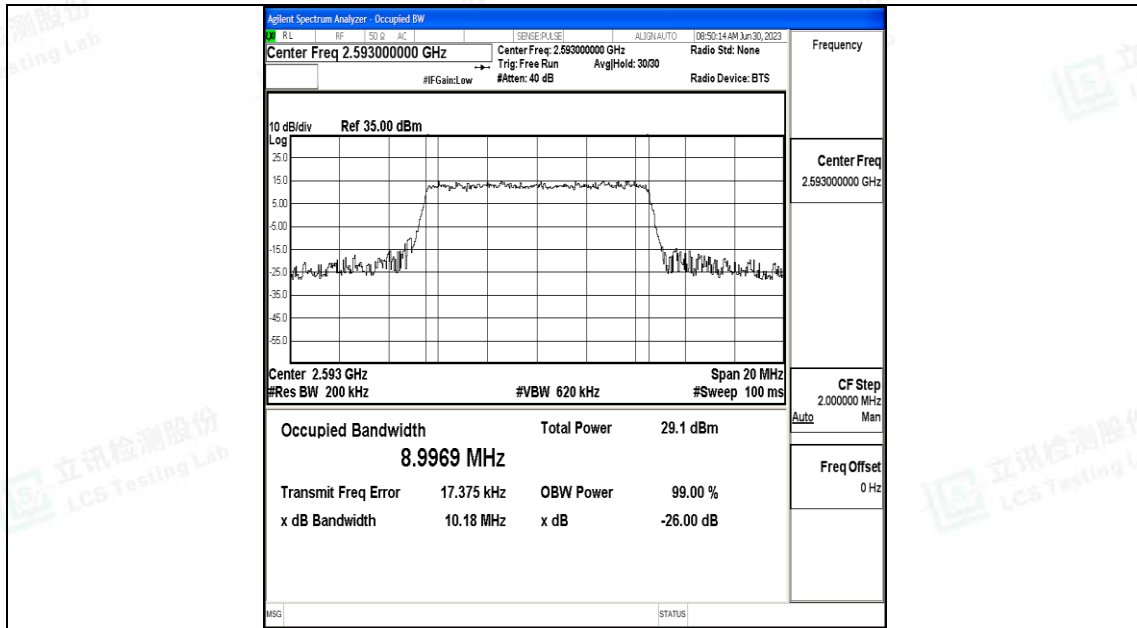
10MHz-39700



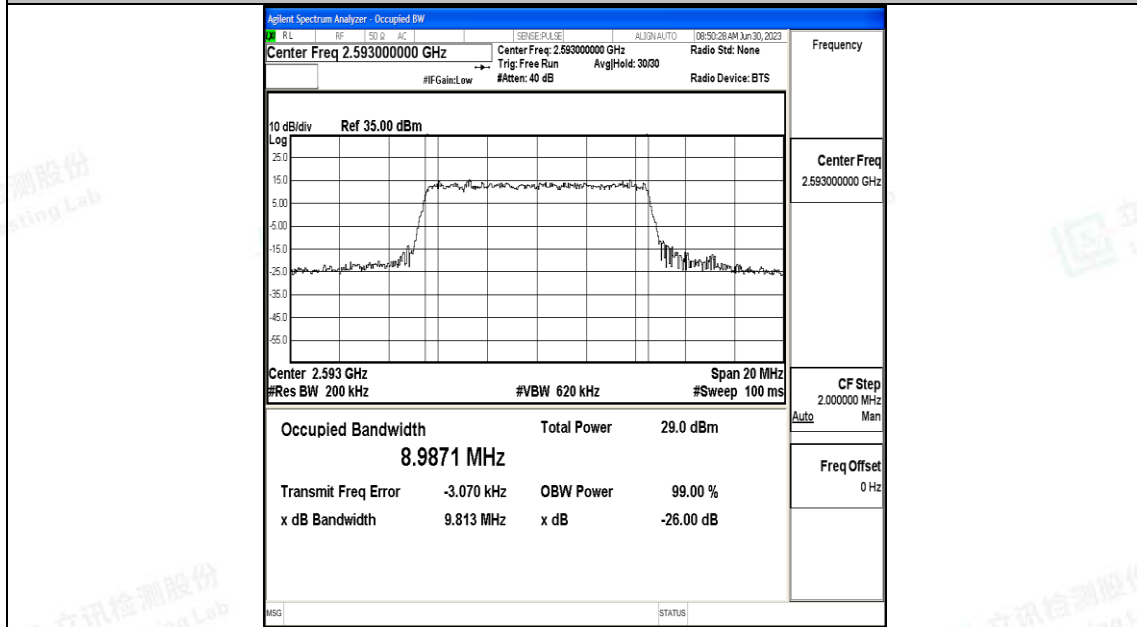
10MHz-39700





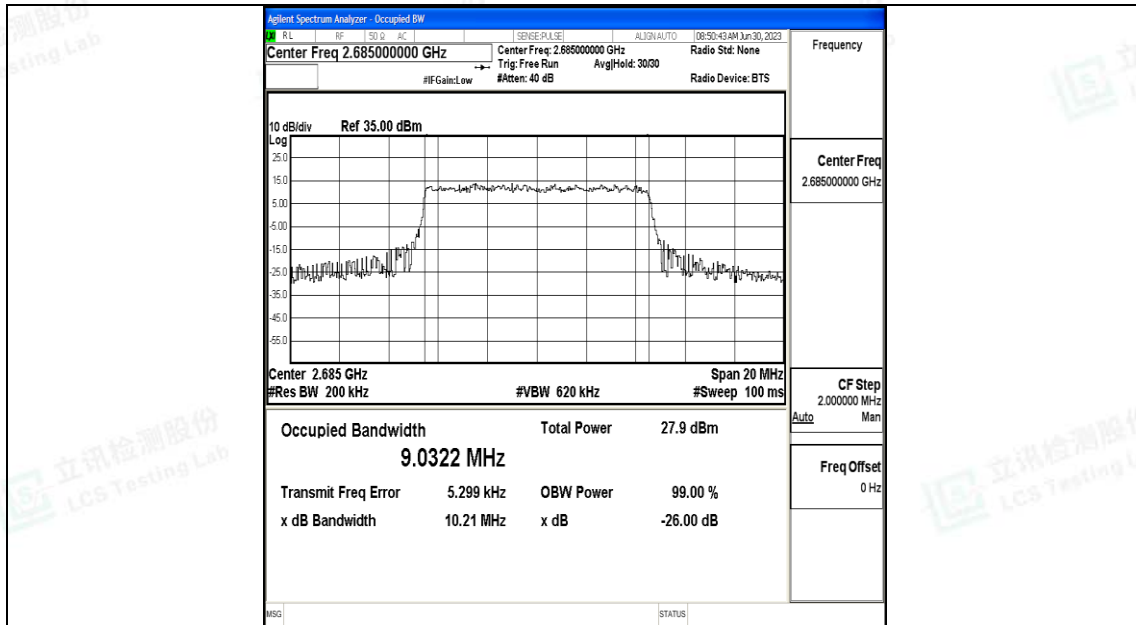


10MHz-40620

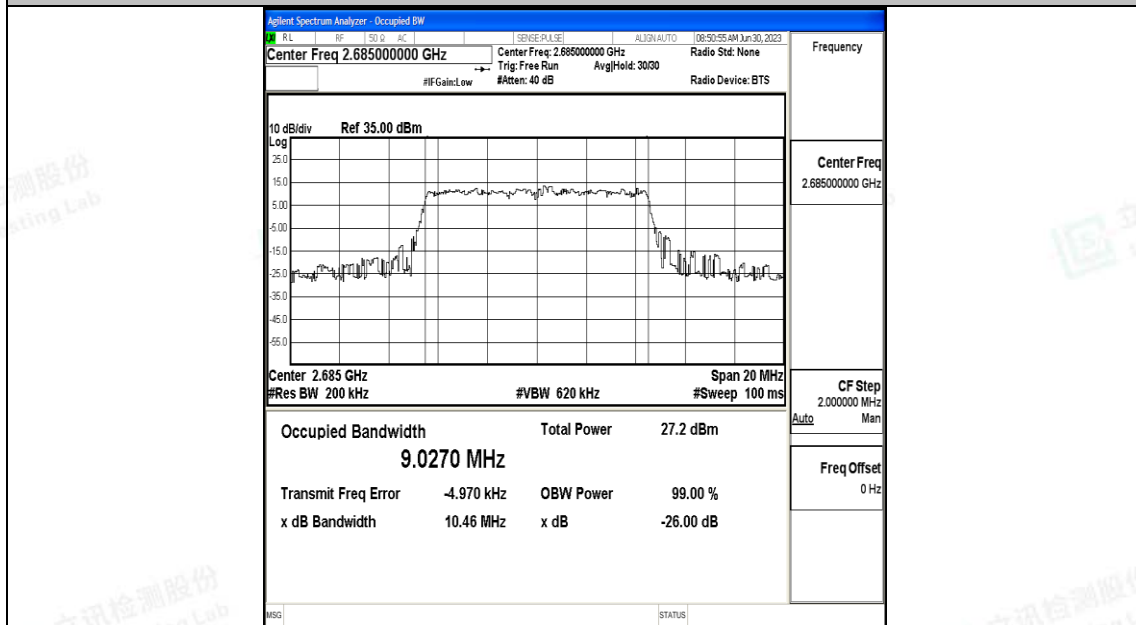


10MHz-40620



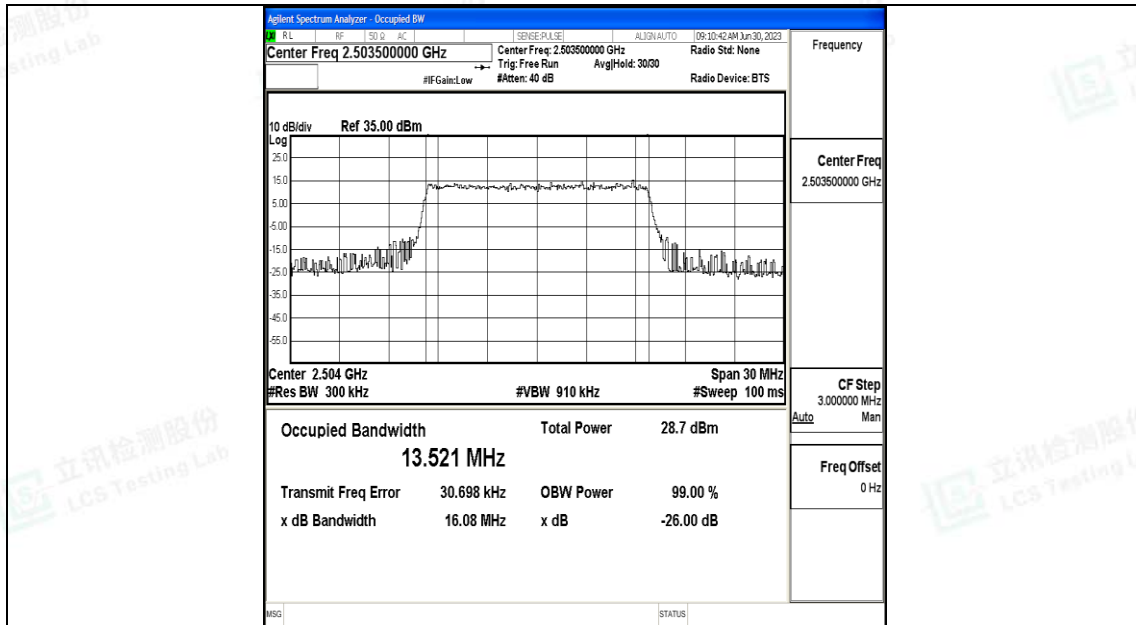


10MHz-41540

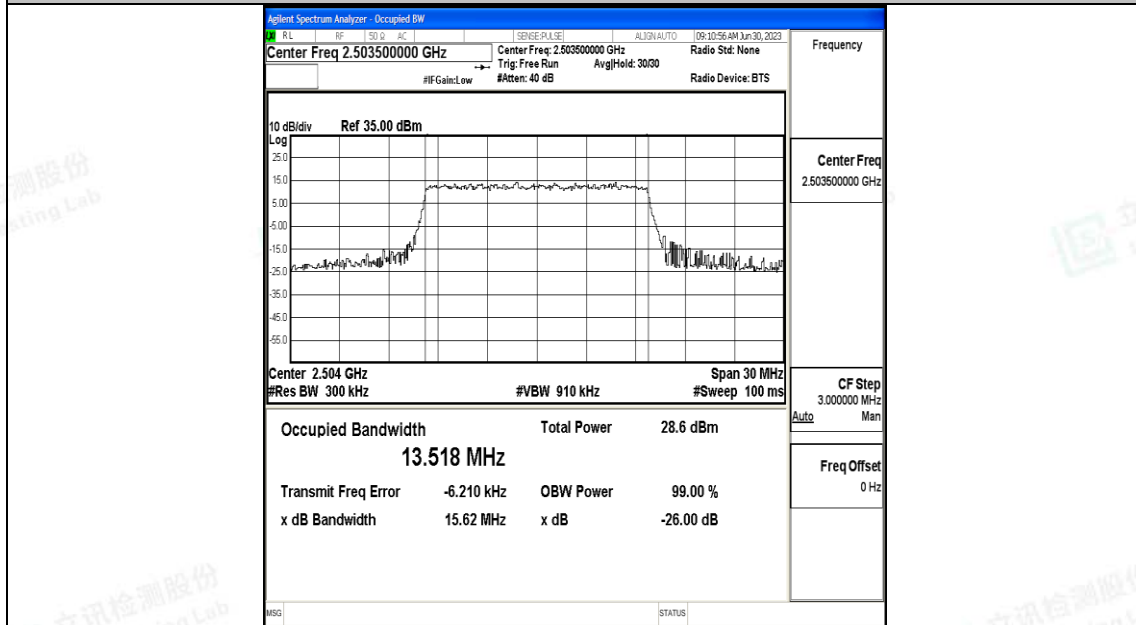


10MHz-41540



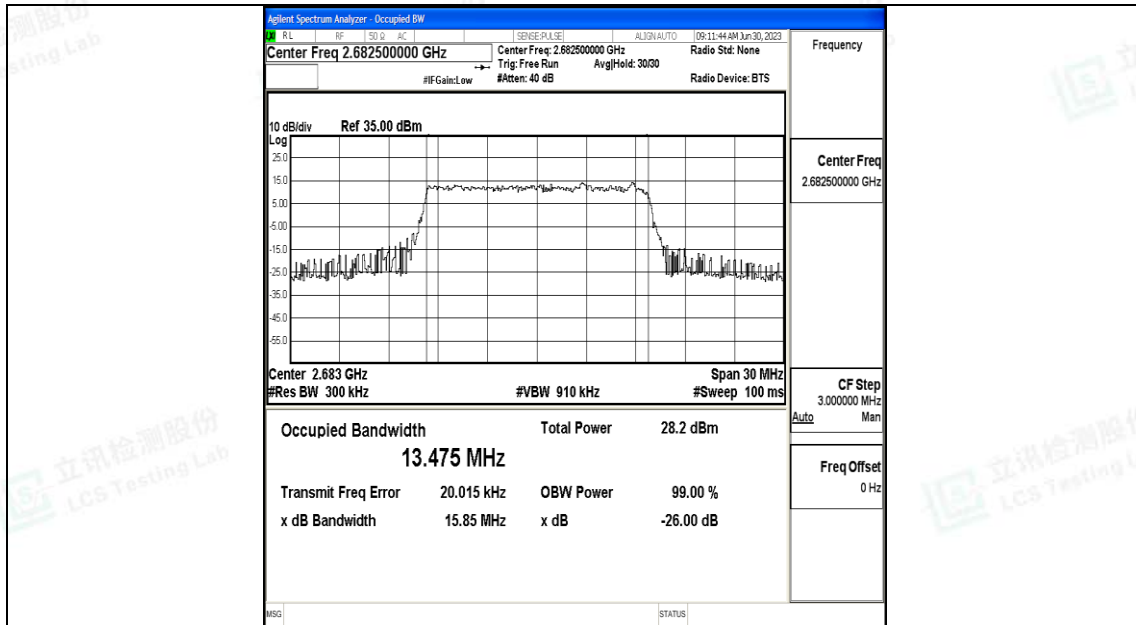


15MHz-39725

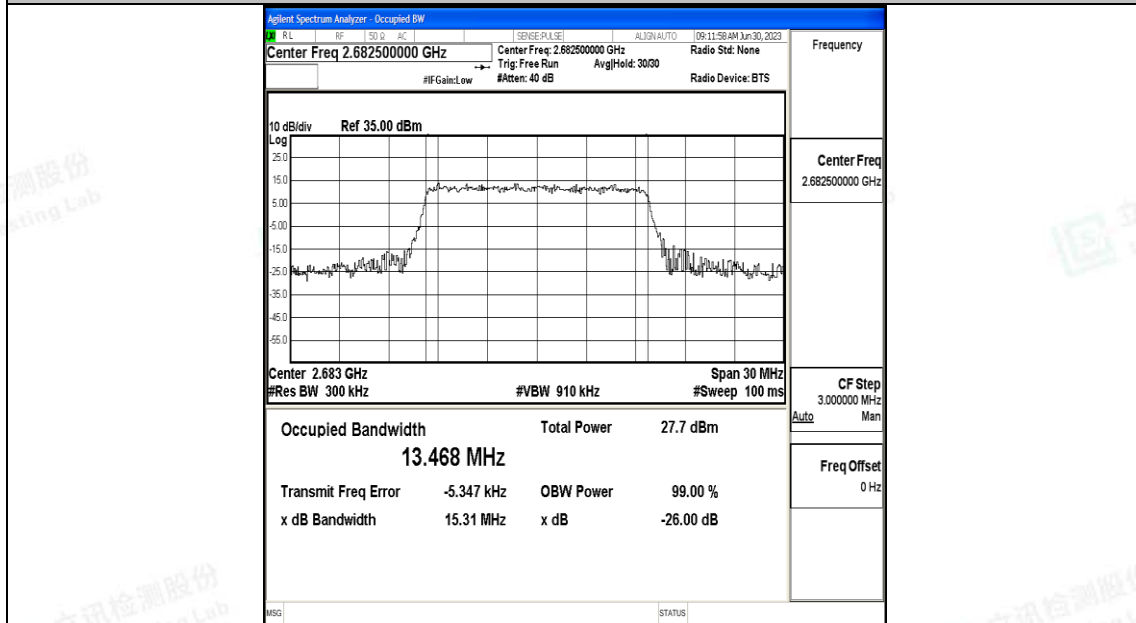


15MHz-39725



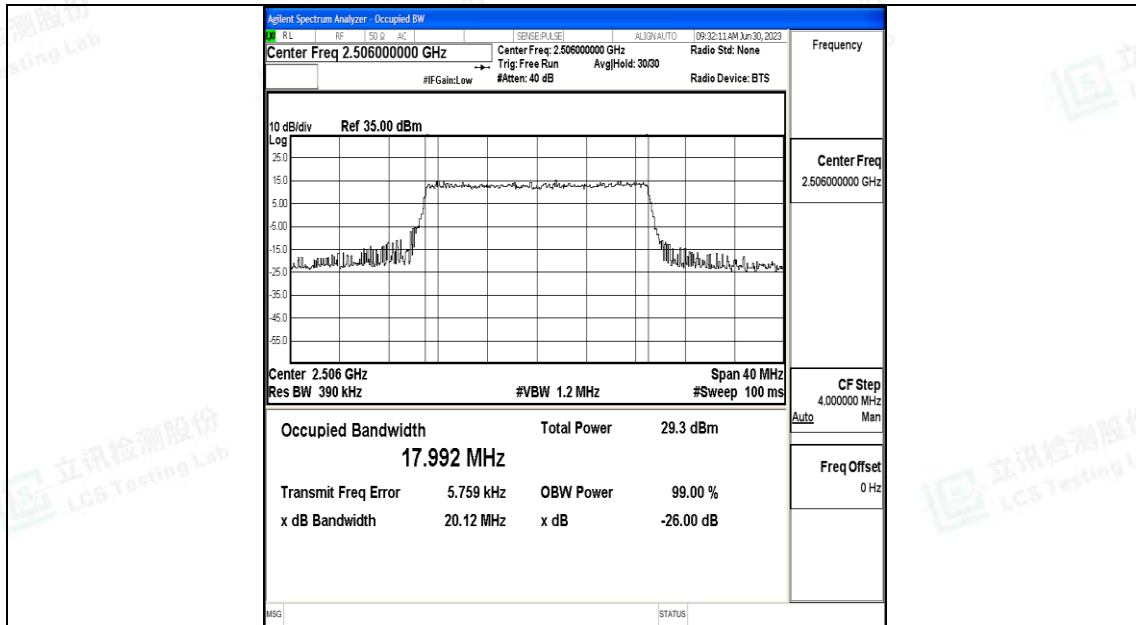


15MHz-41515

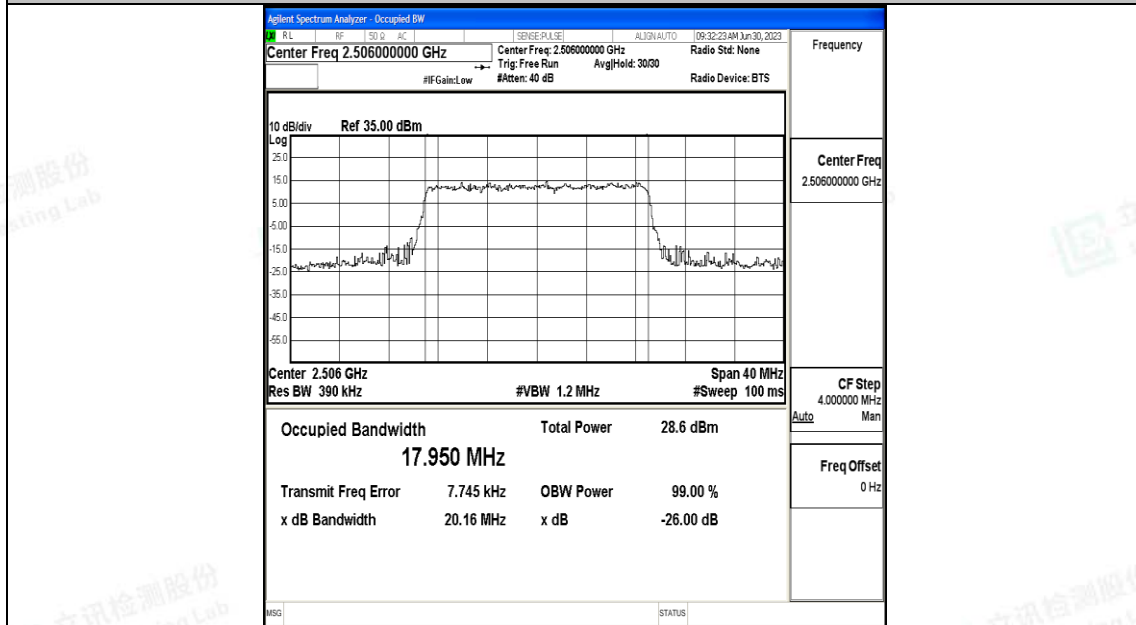


15MHz-41515



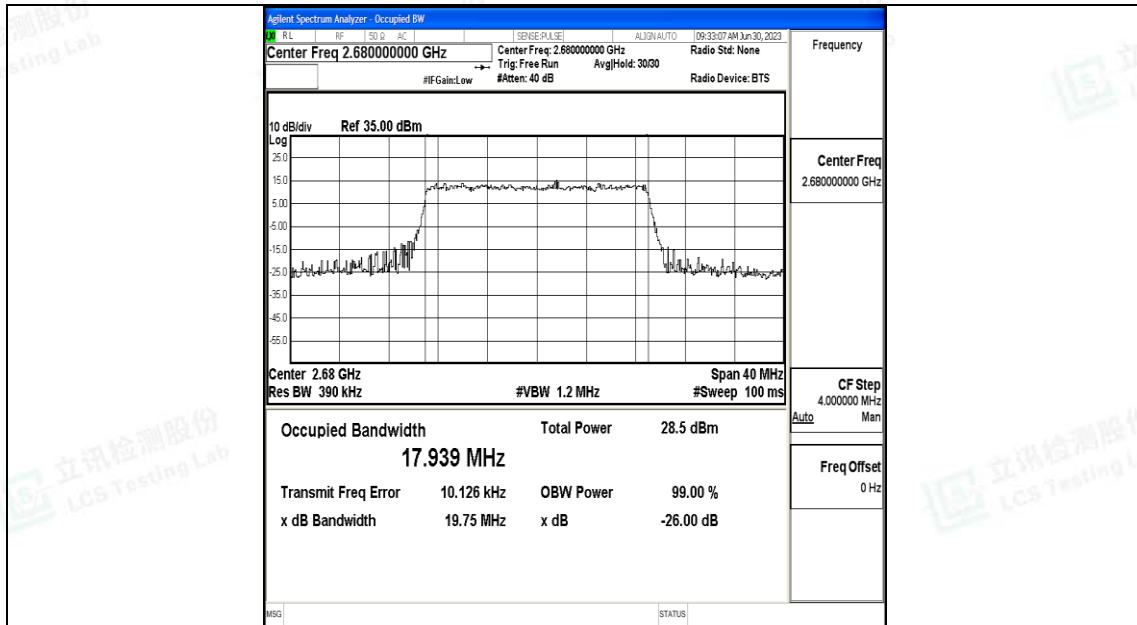


20MHz-39750

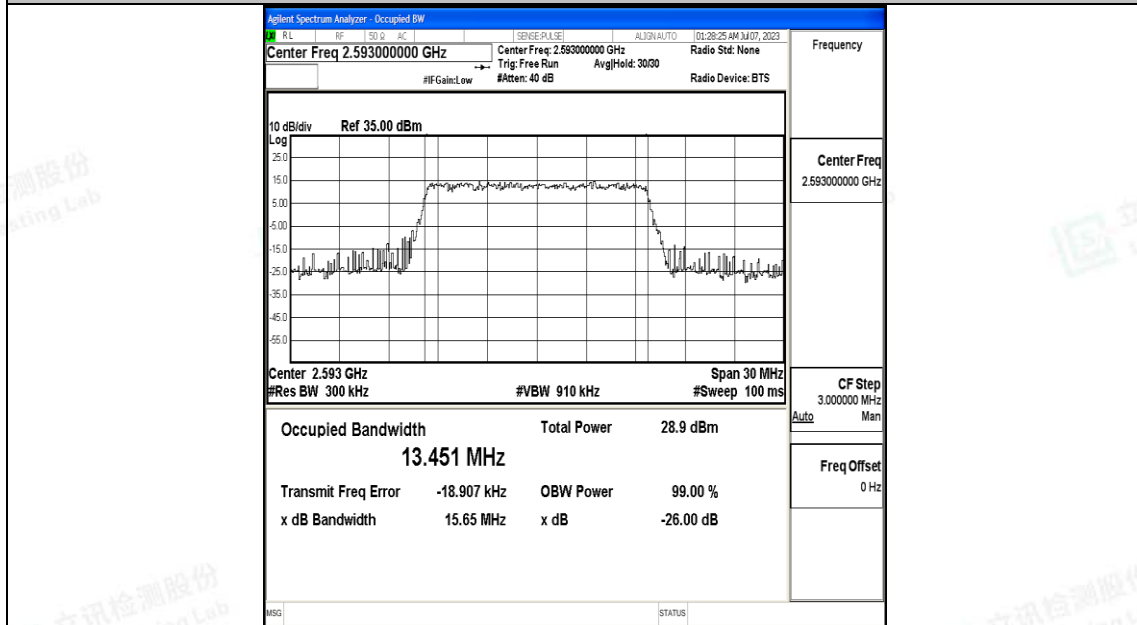


20MHz-39750



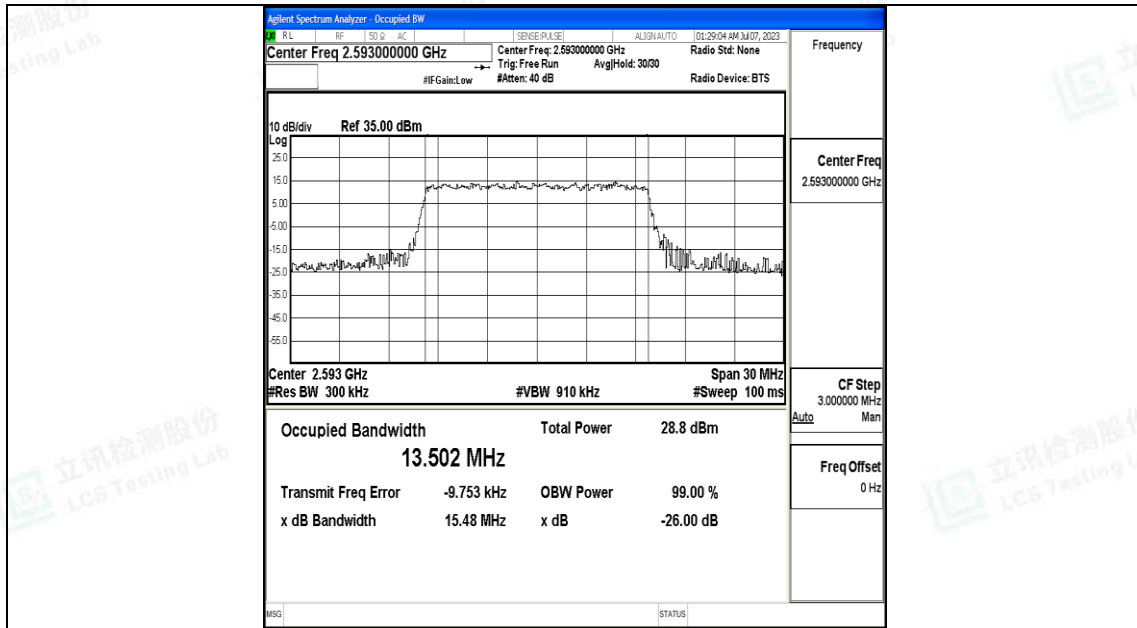


20MHz-41490

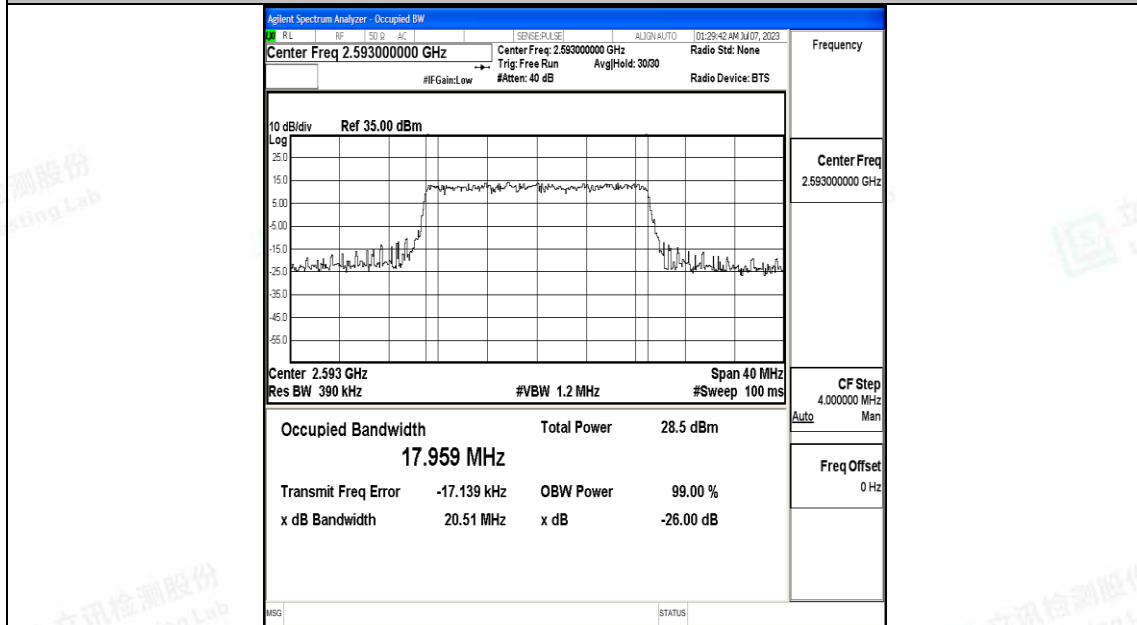


15MHz-40620



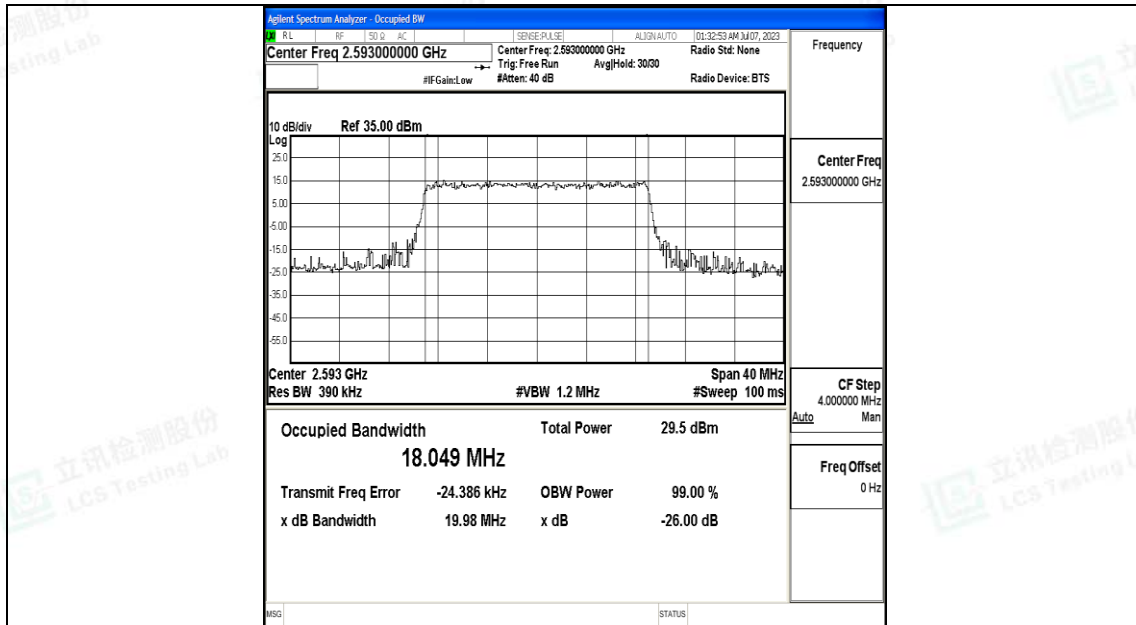


15MHz-40620

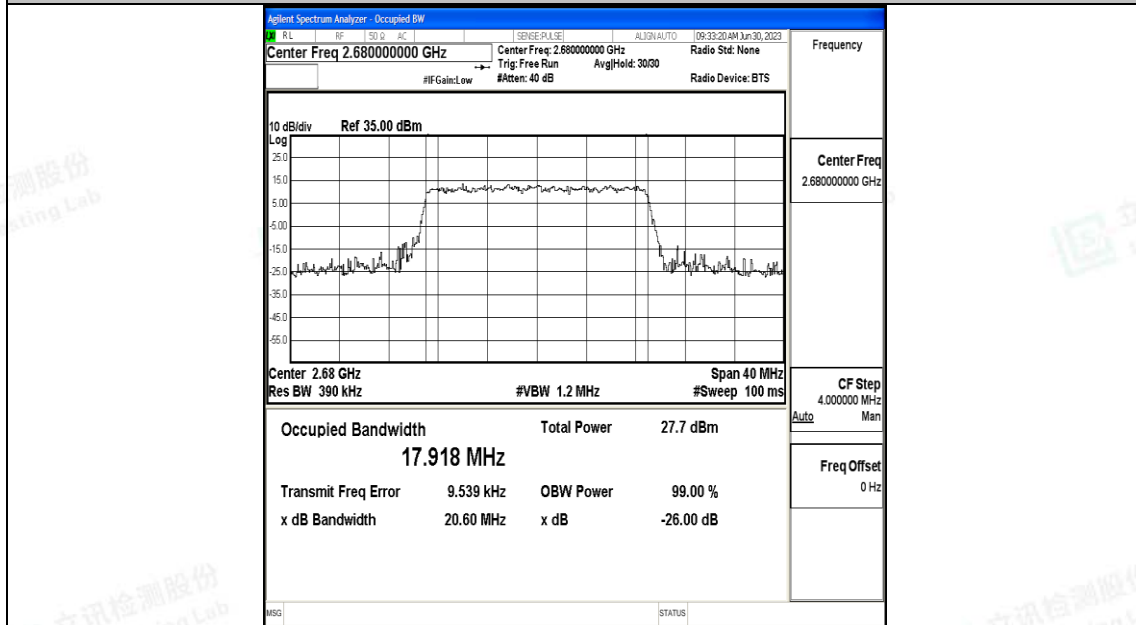


20MHz-40620





20MHz-40620



20MHz-41490





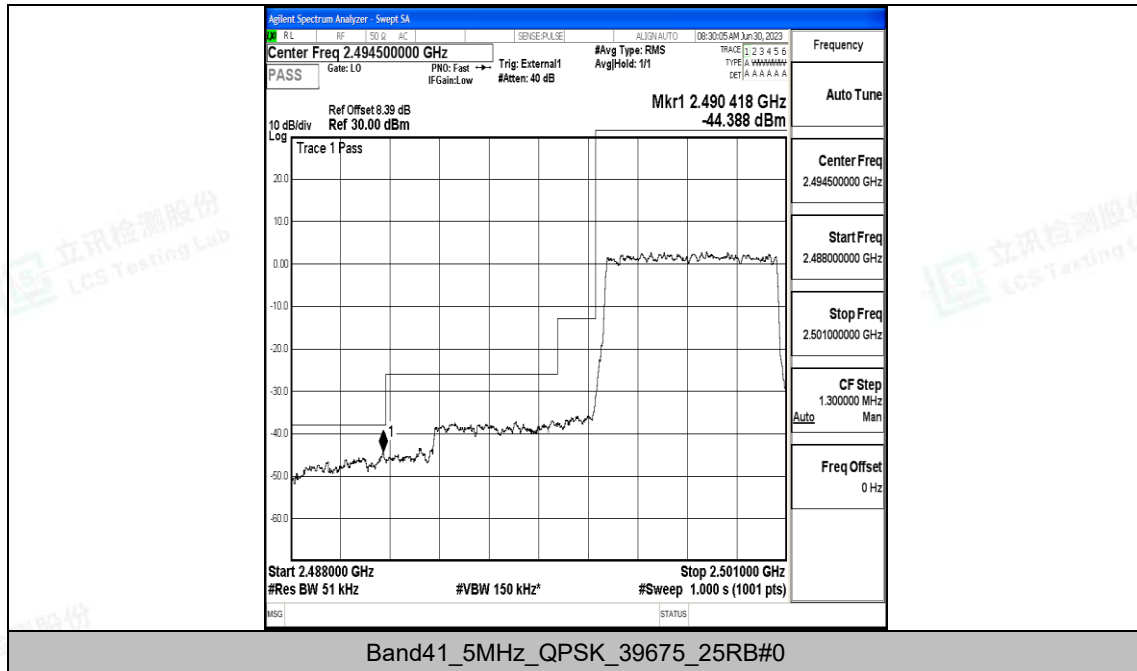


### I.4 Band Edge

#### Test Result

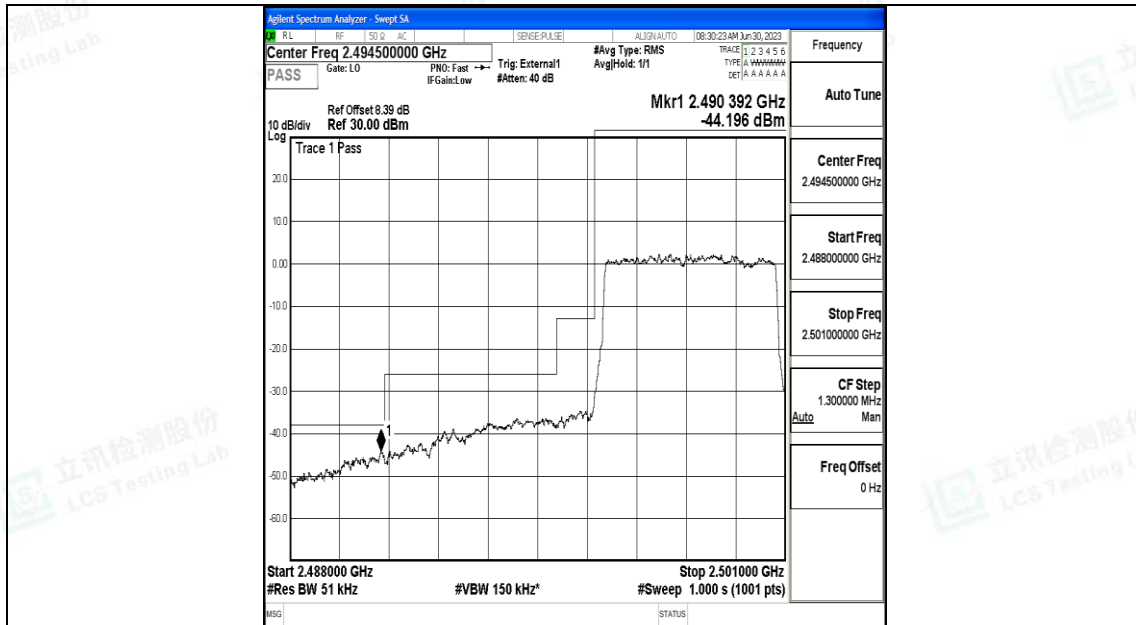
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2490.42	-44.39	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.39	-44.20	PASS
Band41	5MHz	QPSK	41565	25RB#0	2696.21	-45.07	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.18	-45.90	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.38	-36.07	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.47	-37.12	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.48	-41.51	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.13	-41.97	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.52	-33.43	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.47	-33.28	PASS
Band41	15MHz	QPSK	41515	75RB#0	2706.22	-40.09	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.05	-40.71	PASS
Band41	20MHz	QPSK	39750	100RB#0	2489.29	-33.20	PASS
Band41	20MHz	16QAM	39750	100RB#0	2489.54	-33.03	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.01	-40.64	PASS
Band41	20MHz	16QAM	41490	100RB#0	2710.01	-41.13	PASS

#### Test Graphs

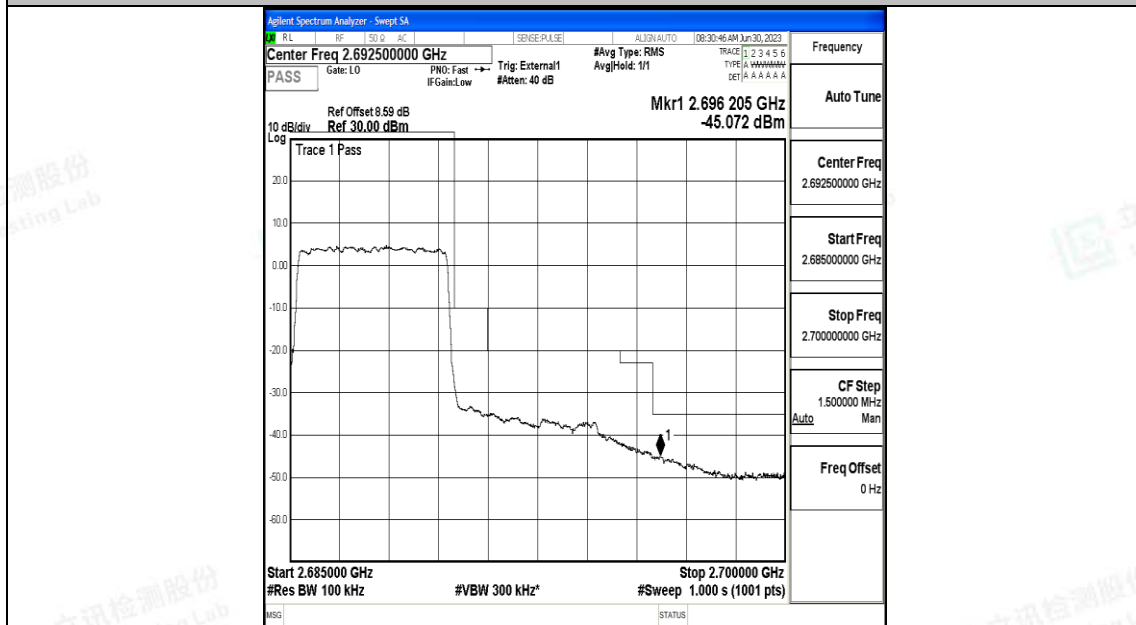


Band41\_5MHz\_QPSK\_39675\_25RB#0



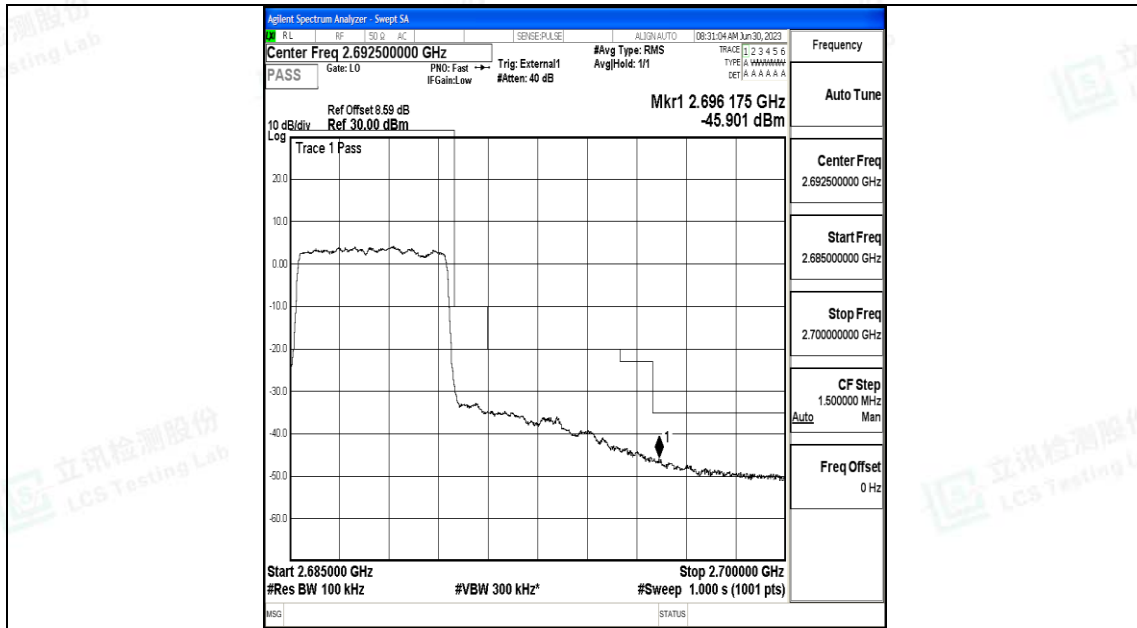


Band41\_5MHz\_16QAM\_39675\_25RB#0

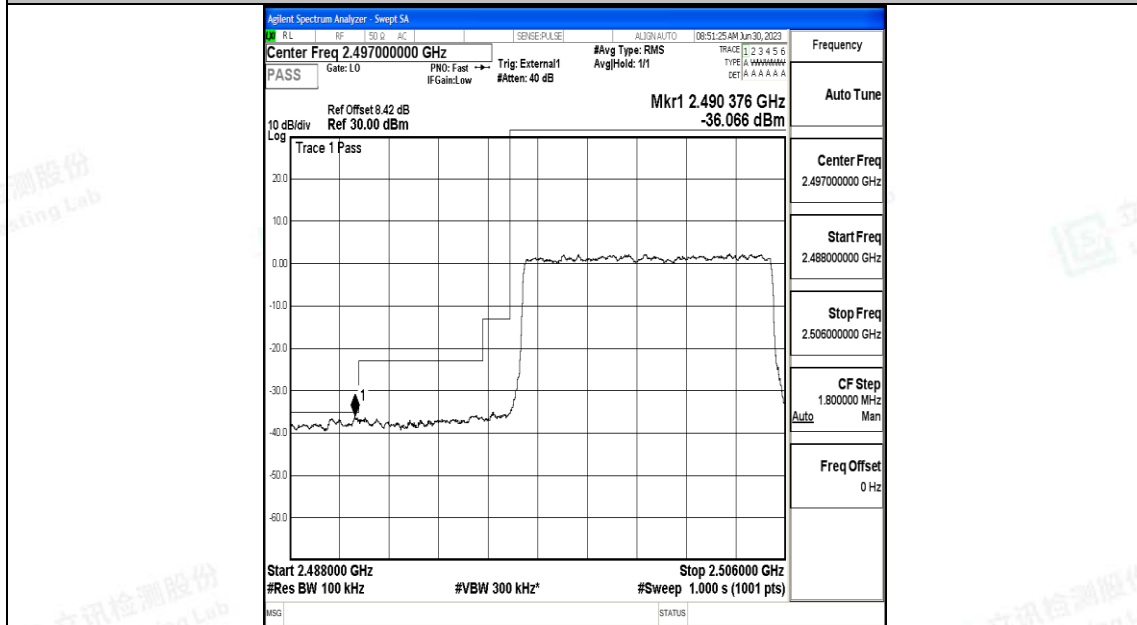


Band41\_5MHz\_QPSK\_41565\_25RB#0



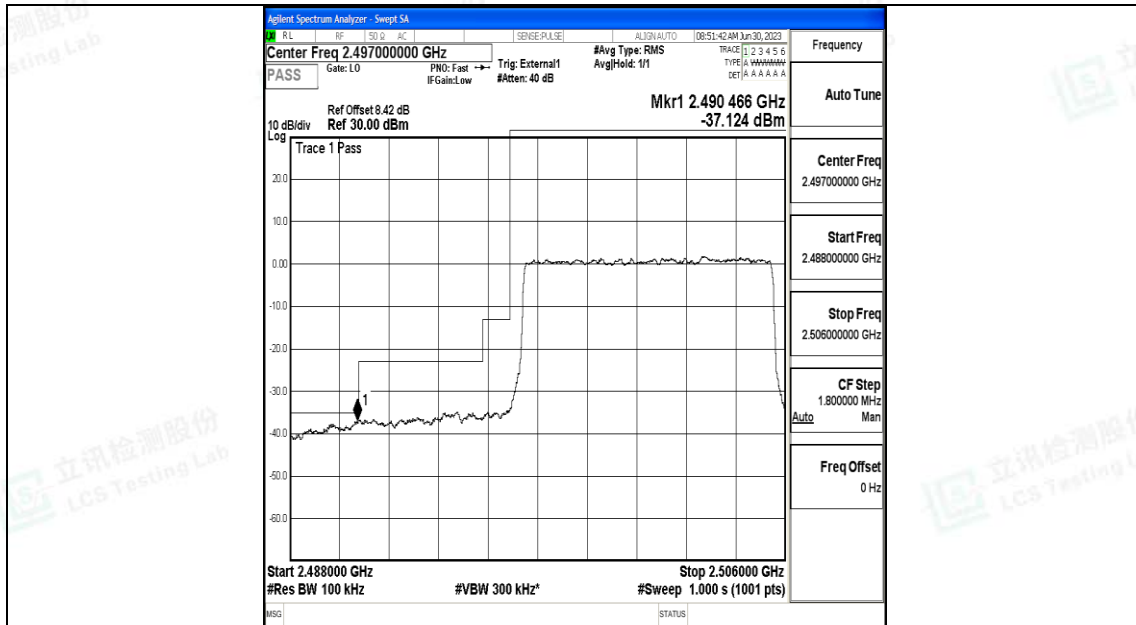


Band41\_5MHz\_16QAM\_41565\_25RB#0

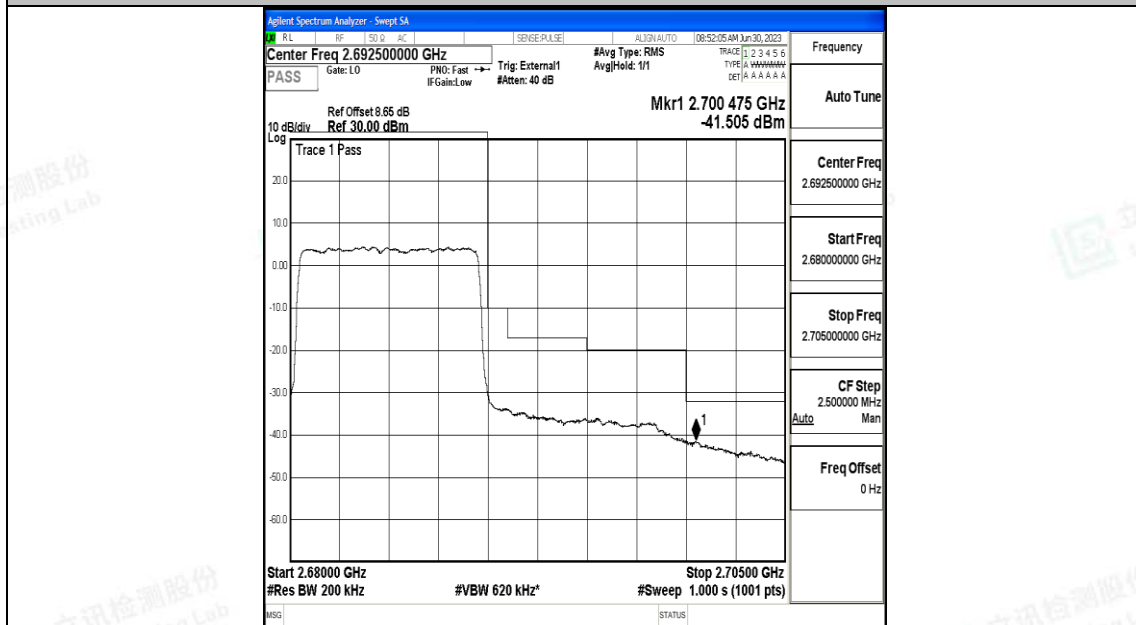


Band41\_10MHz\_QPSK\_39700\_50RB#0



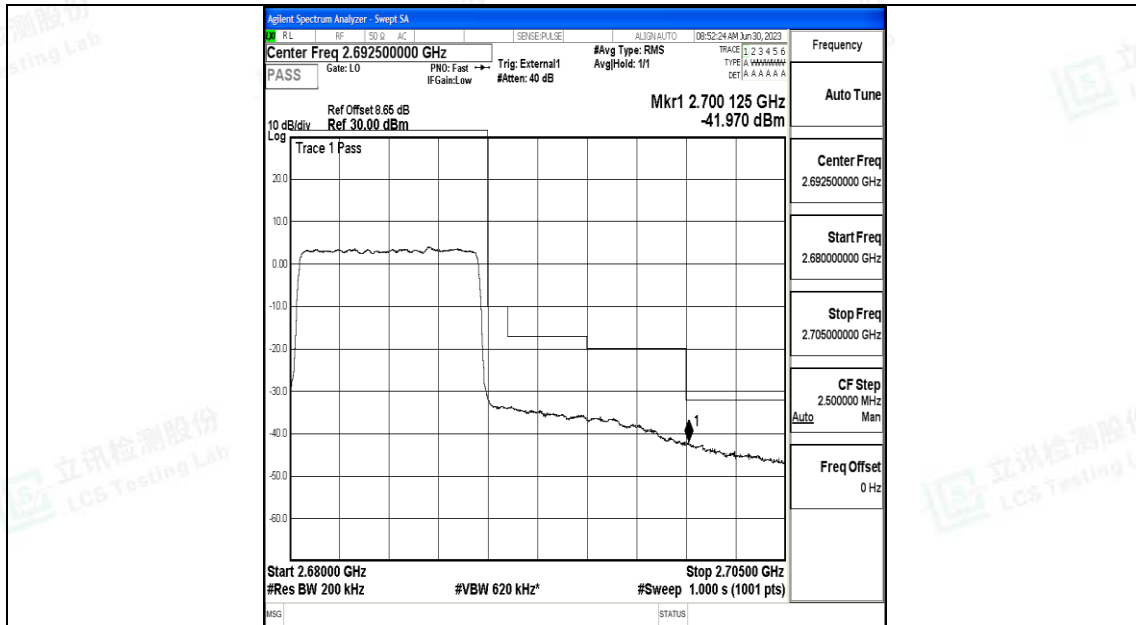


Band41\_10MHz\_16QAM\_39700\_50RB#0

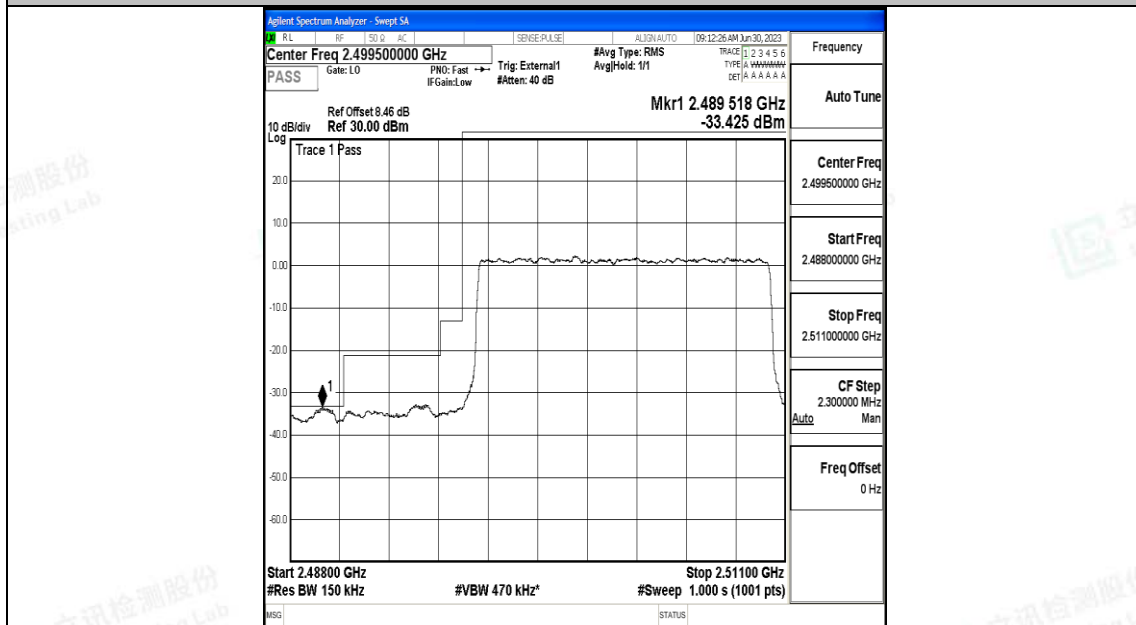


Band41\_10MHz\_QPSK\_41540\_50RB#0



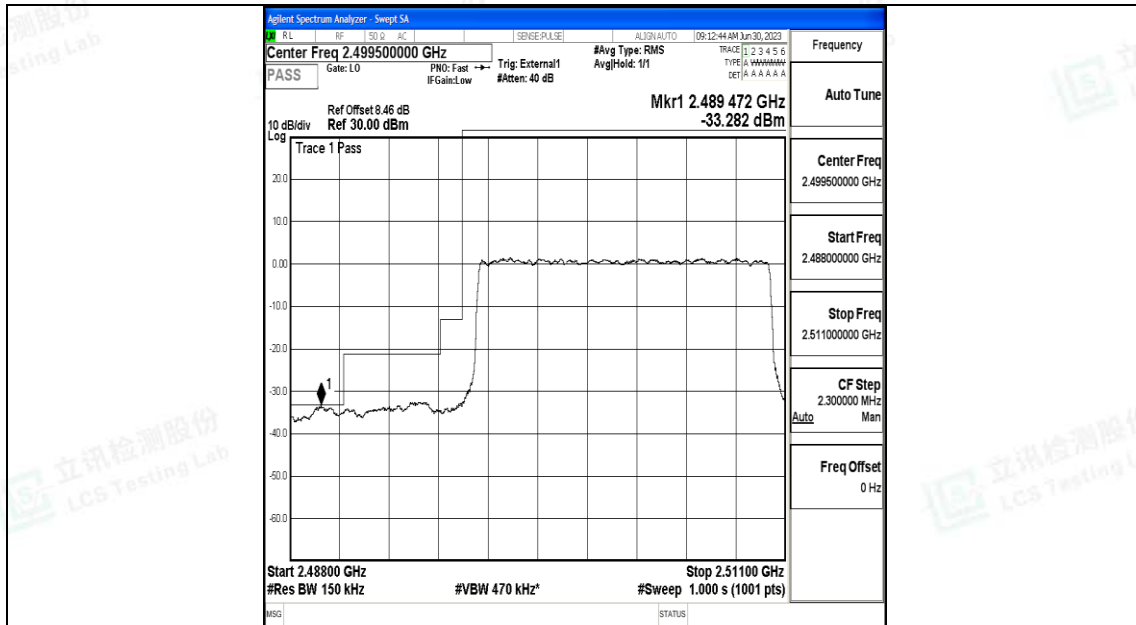


Band41\_10MHz\_16QAM\_41540\_50RB#0

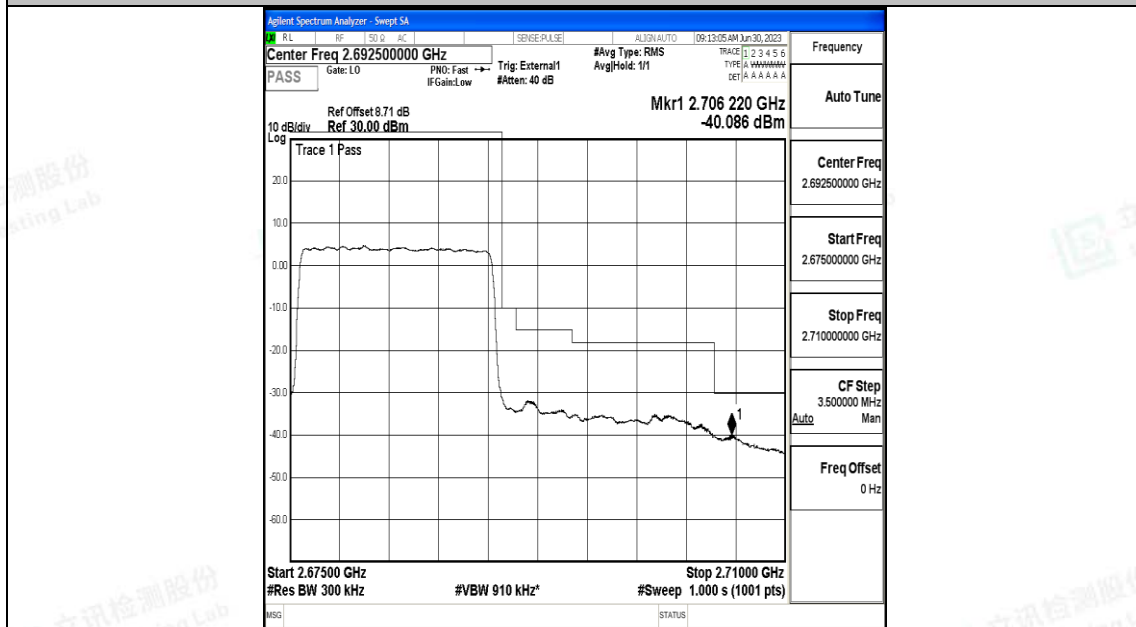


Band41\_15MHz\_QPSK\_39725\_75RB#0



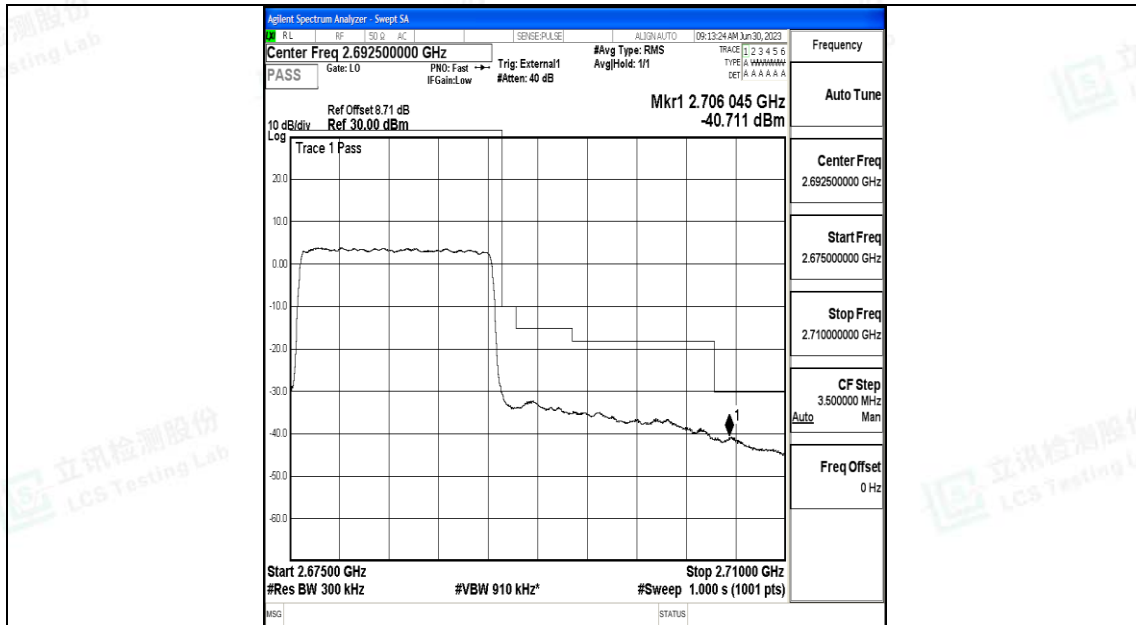


Band41\_15MHz\_16QAM\_39725\_75RB#0

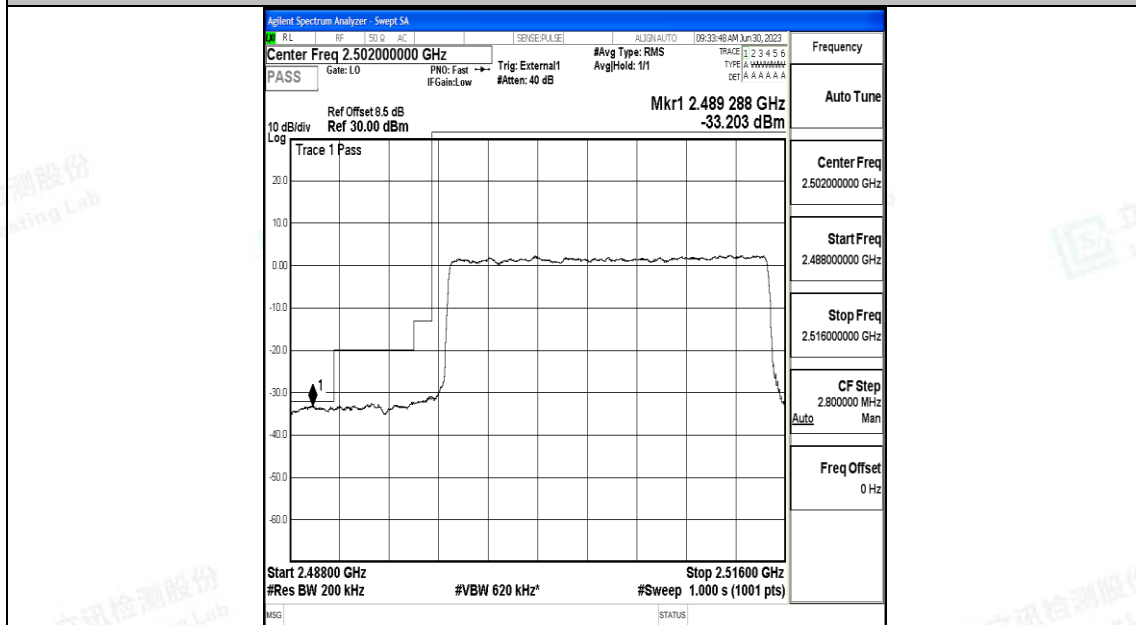


Band41\_15MHz\_QPSK\_41515\_75RB#0



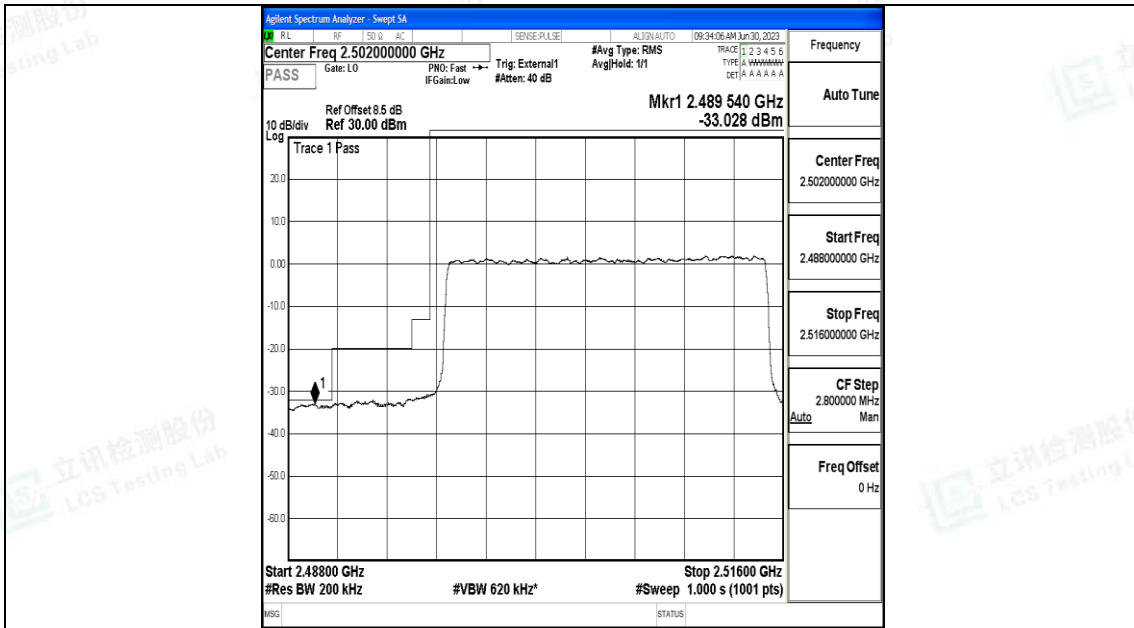


Band41\_15MHz\_16QAM\_41515\_75RB#0

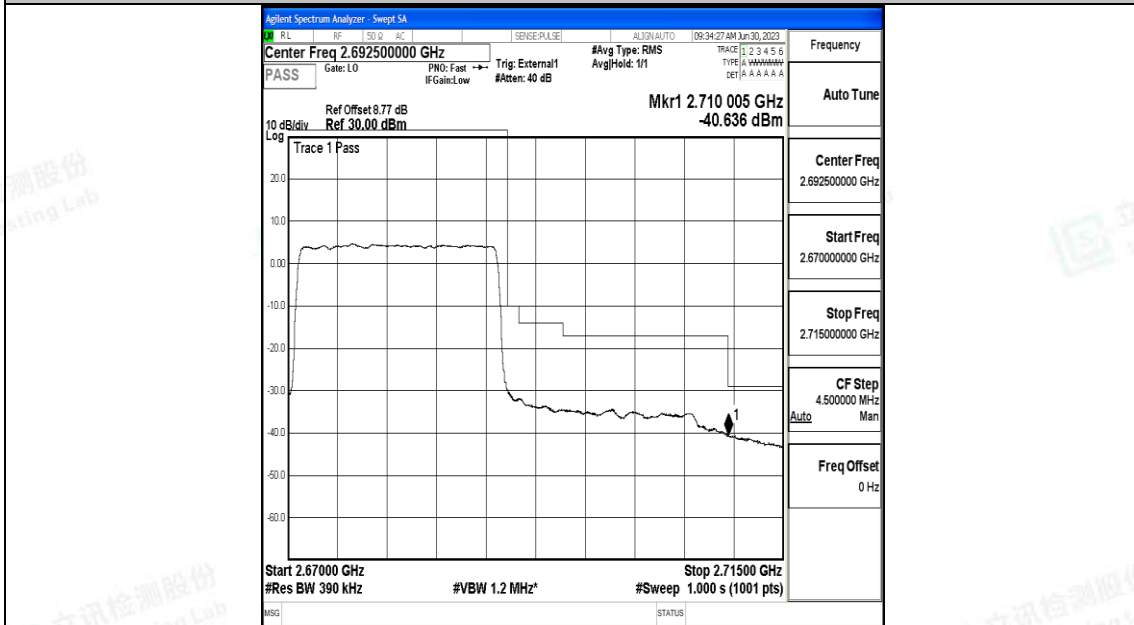


Band41\_20MHz\_QPSK\_39750\_100RB#0





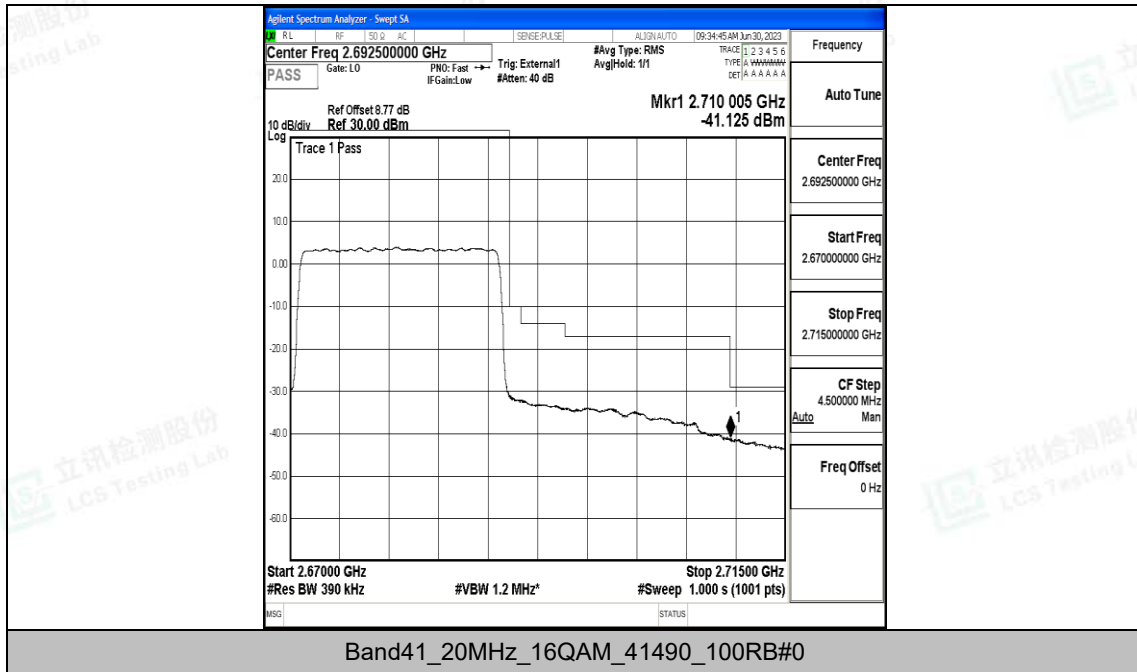
Band41\_20MHz\_16QAM\_39750\_100RB#0



Band41\_20MHz\_QPSK\_41490\_100RB#0









### I.5 Conducted Spurious Emission

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-58.43	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-51.69	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-53.81	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-33.30	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-25.29	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-59.77	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-52.53	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-53.98	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-33.53	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-25.56	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-56.71	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-52.06	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-53.98	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-33.74	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-25.44	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-58.93	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-50.53	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-53.98	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-33.38	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-25.01	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-55.22	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-52.75	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-53.95	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-33.28	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-25.58	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-59.47	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-51.28	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-54.02	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-32.94	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-25.51	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-56.26	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-54.07	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-53.89	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-33.58	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-45.52	PASS





Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-57.46	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-49.63	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-53.92	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-33.48	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-45.38	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-58.15	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-50.93	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-53.84	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-32.70	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-45.37	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-57.89	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-52.78	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-53.91	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-33.07	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-45.12	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-57.34	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-52.09	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-53.81	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-33.63	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-45.59	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-58.94	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-52.36	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-53.81	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-33.30	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-59.82	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-51.15	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-53.87	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-33.31	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-25.34	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-57.91	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-45.74	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-52.49	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-53.94	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-33.25	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-25.48	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-56.44	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-50.74	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-53.93	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-33.17	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-25.18	PASS





Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-55.84	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-51.50	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-53.94	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-33.44	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-25.15	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-58.42	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-55.26	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-53.93	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-33.71	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-25.01	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-58.05	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-51.21	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-53.87	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-33.18	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-25.16	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-56.97	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-50.99	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-53.74	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-32.72	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-25.39	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-58.94	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-50.50	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-53.96	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-33.30	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-25.38	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-58.71	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-50.47	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-53.92	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-33.15	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-25.47	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-59.19	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-49.08	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-53.95	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-33.44	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-25.32	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-59.70	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-49.56	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-53.95	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-33.46	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-25.04	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

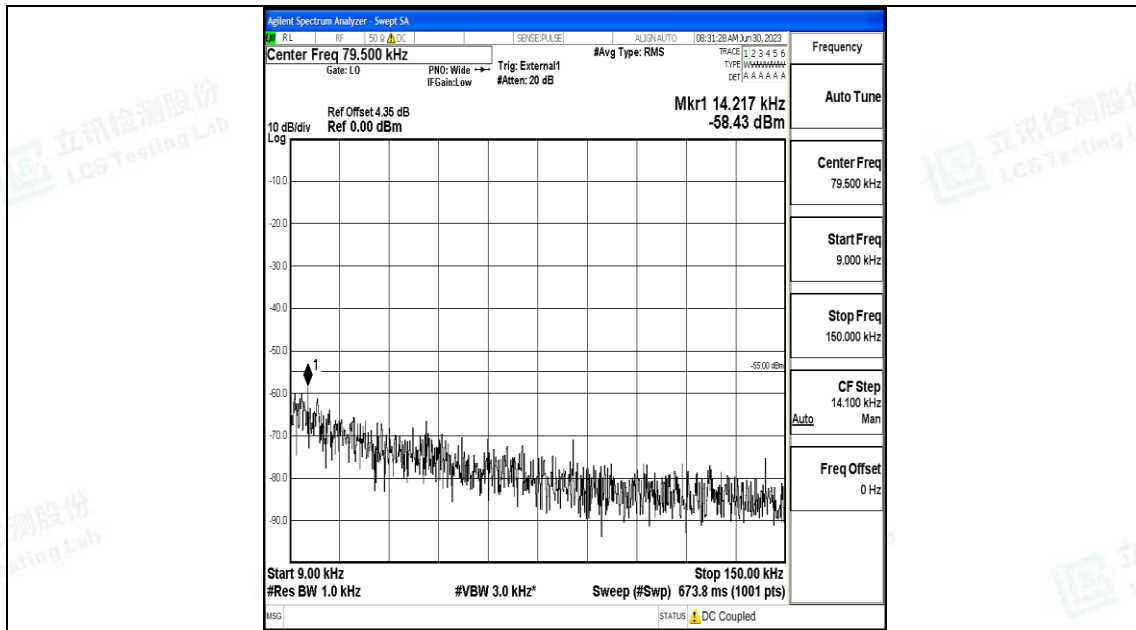
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

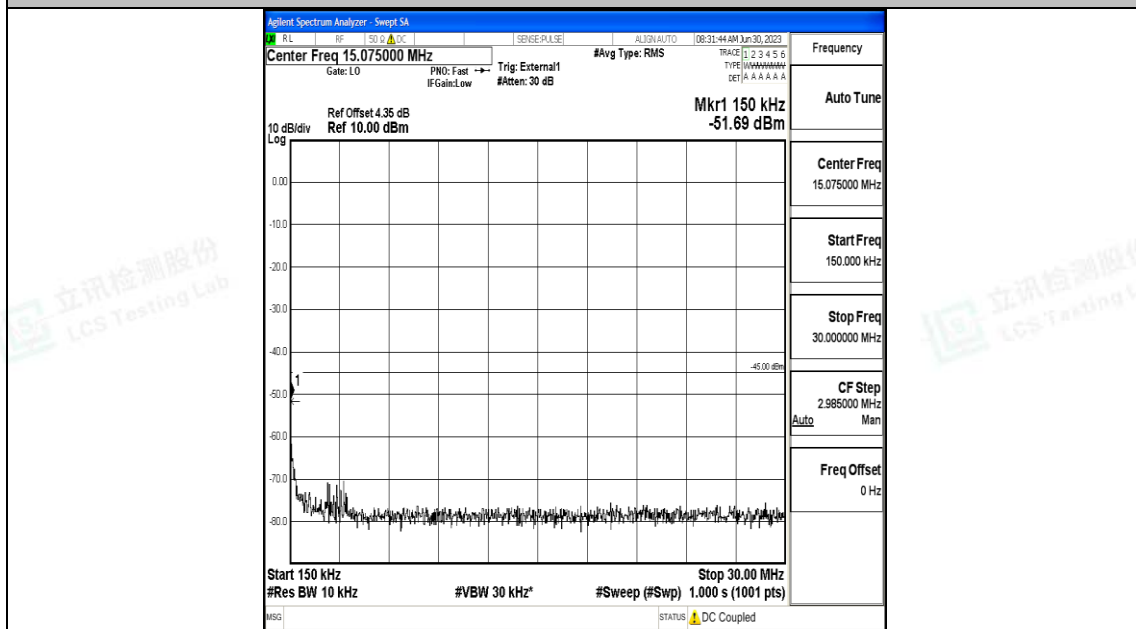


Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-58.21	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-50.75	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-53.92	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-33.28	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-25.37	PASS

### Test Graphs

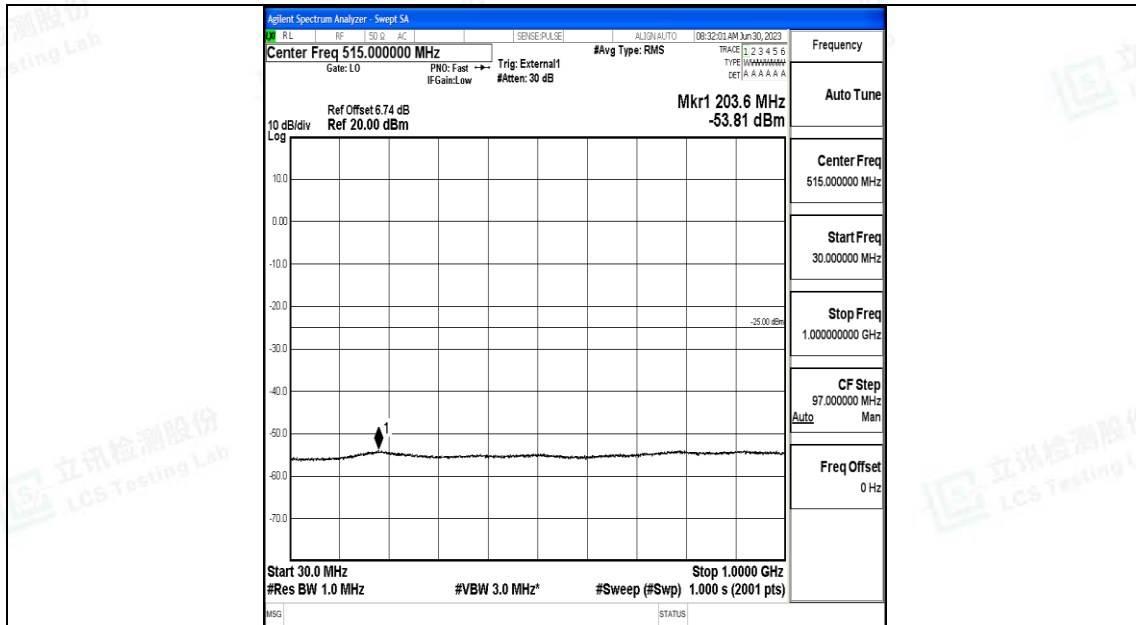


Band41\_5MHz\_QPSK\_39675\_1RB#0\_0.009~0.15\_0.009~0.15

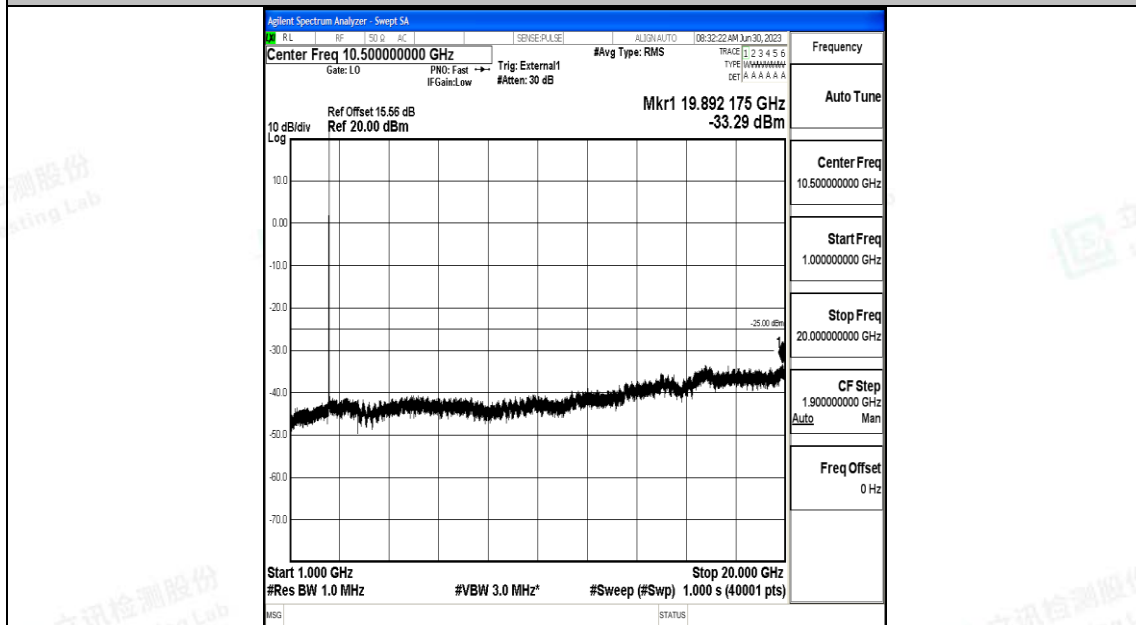


Band41\_5MHz\_QPSK\_39675\_1RB#0\_0.15~30\_0.15~30



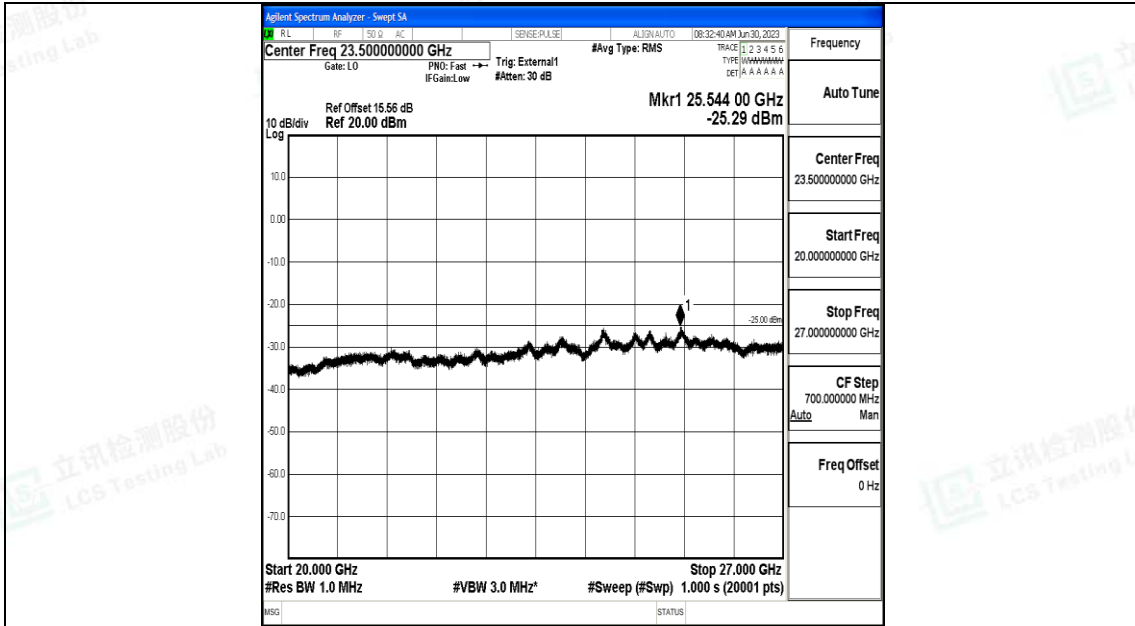


Band41\_5MHz\_QPSK\_39675\_1RB#0\_30~1000\_30~1000

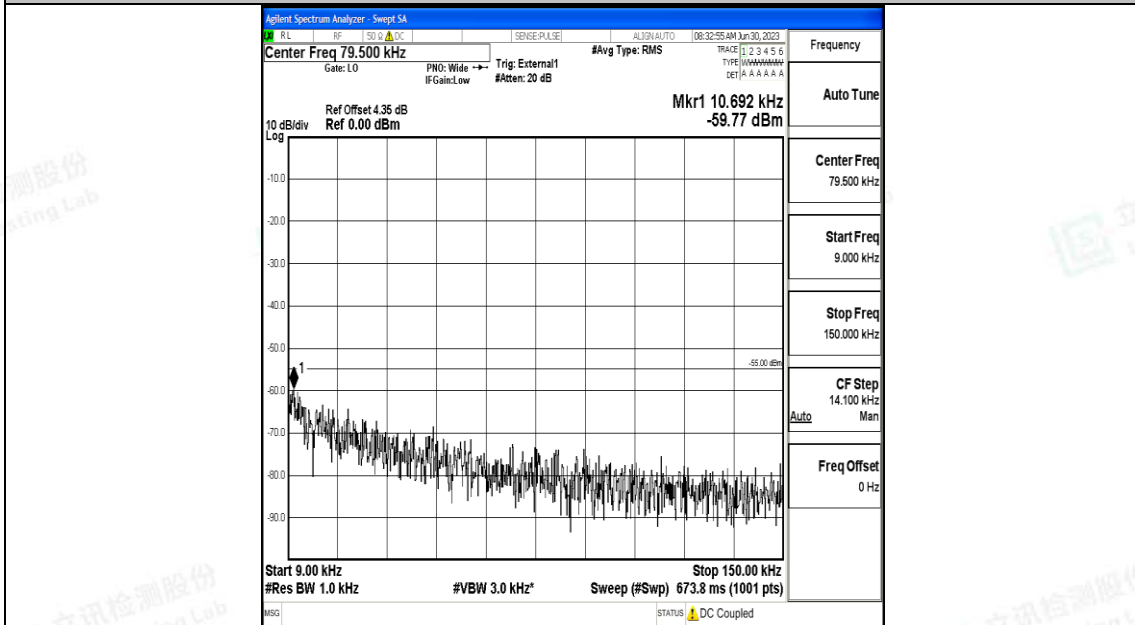


Band41\_5MHz\_QPSK\_39675\_1RB#0\_1000~20000\_1000~20000



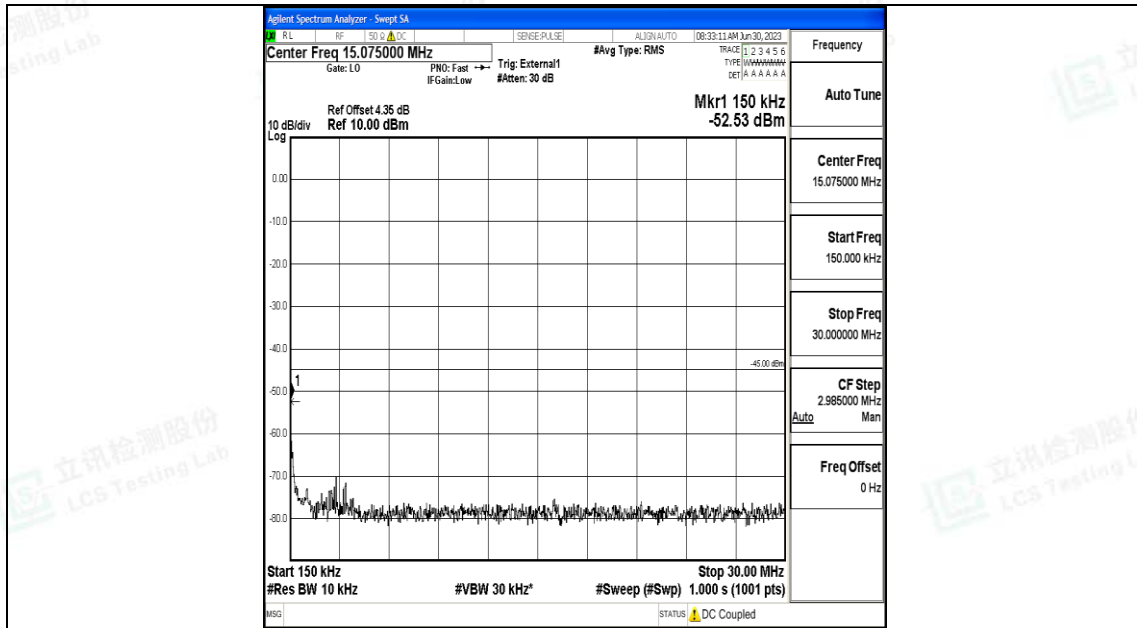


Band41\_5MHz\_QPSK\_39675\_1RB#0\_20000~27000\_20000~27000

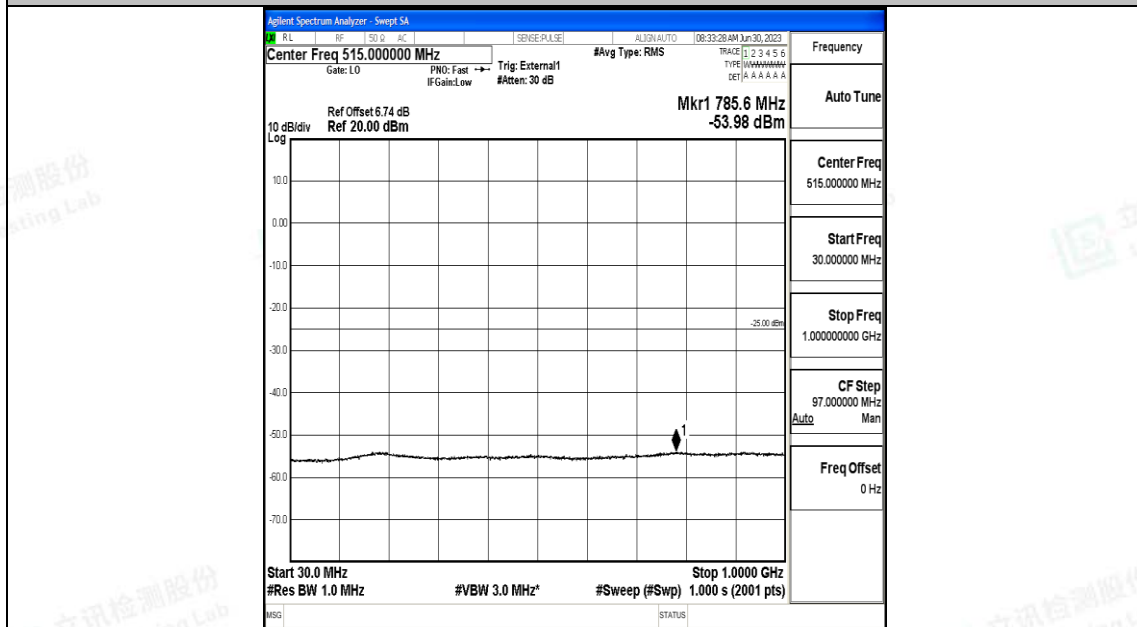


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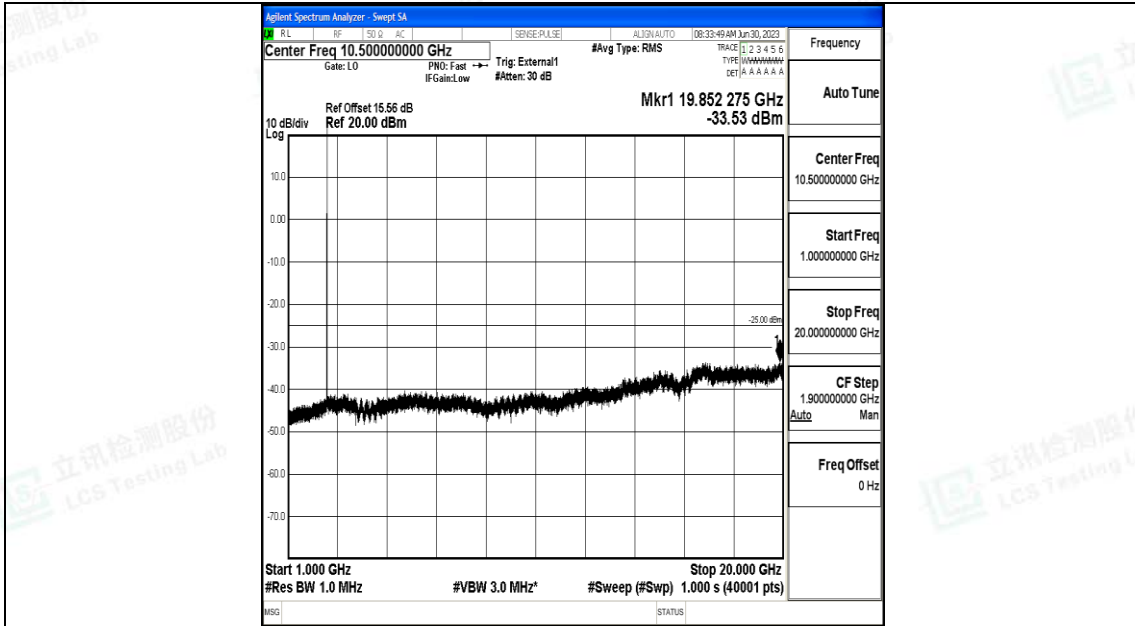
Band41\_5MHz\_16QAM\_39675\_1RB#0\_0.15~30\_0.15~30



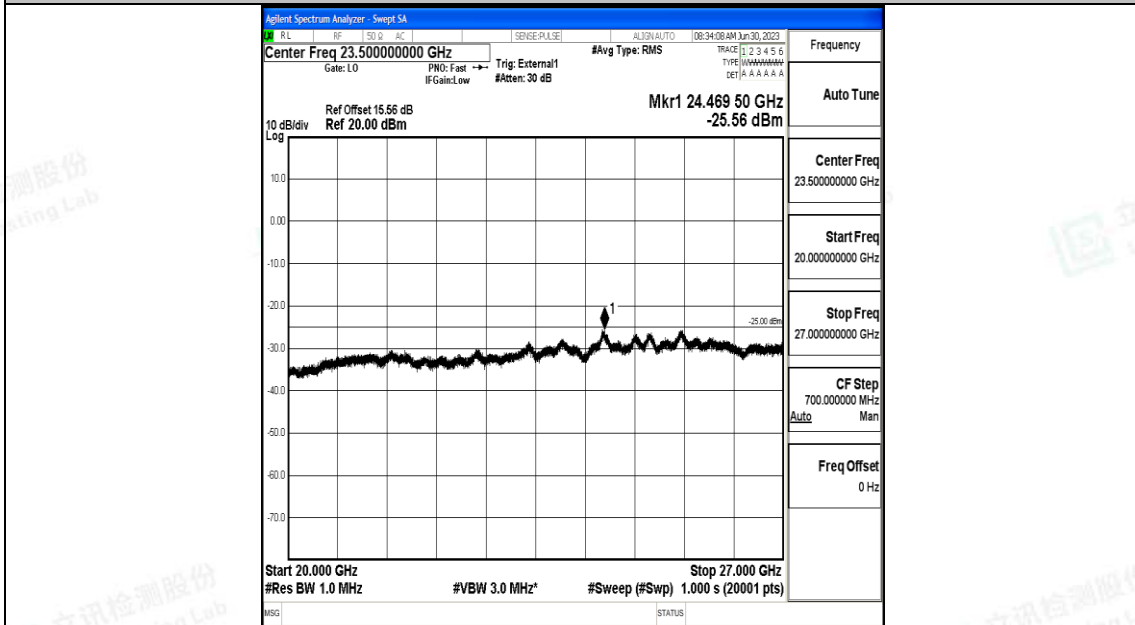
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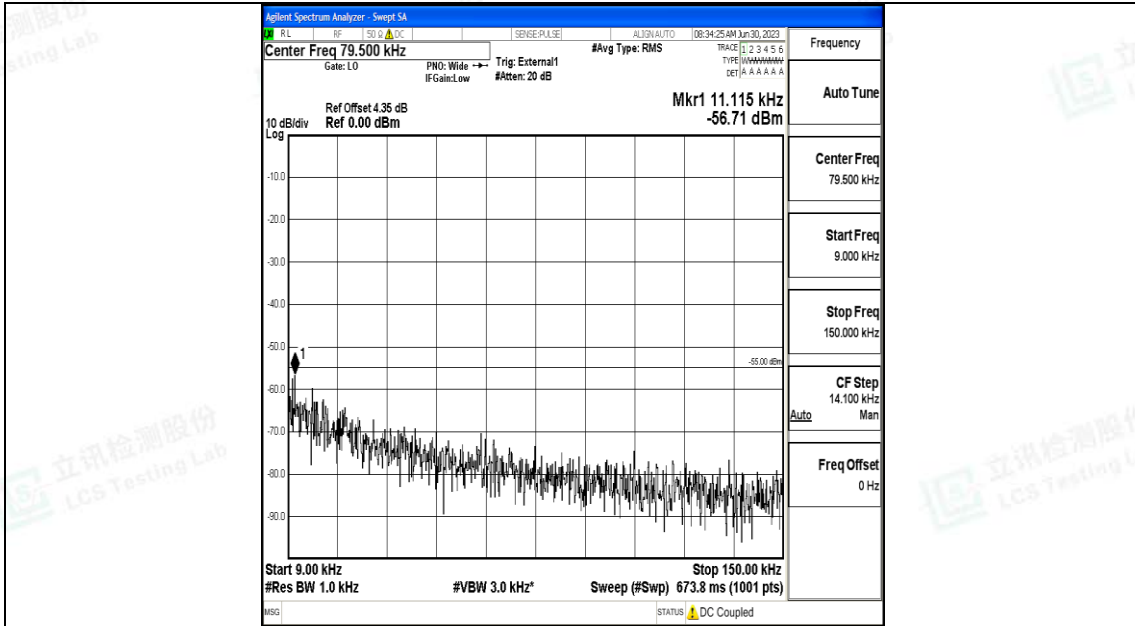


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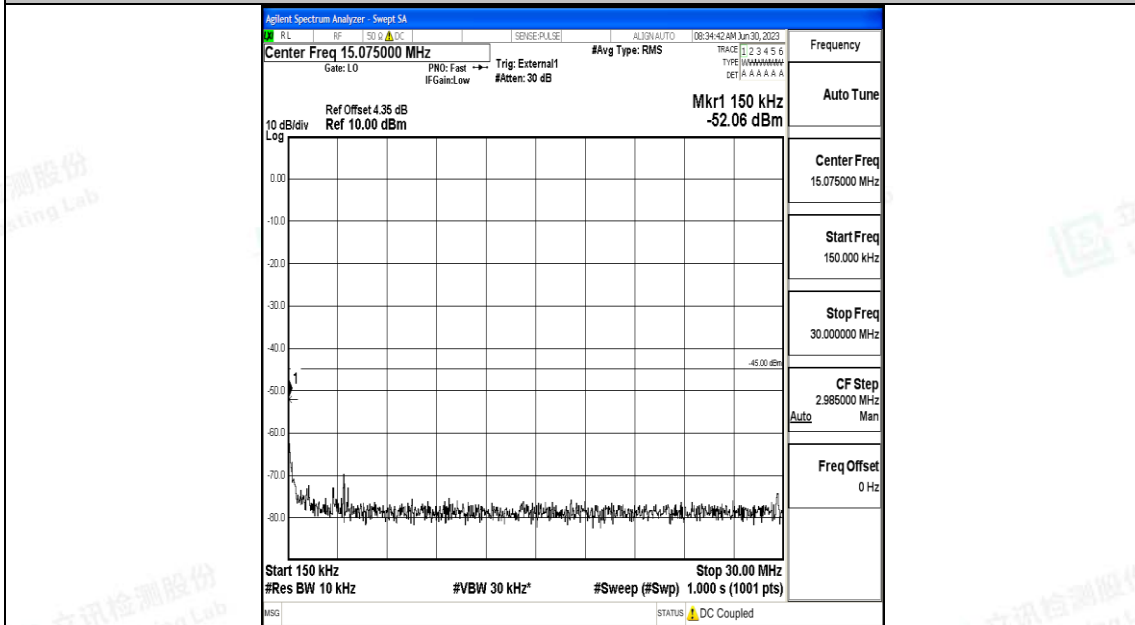


Band41\_5MHz\_16QAM\_39675\_1RB#0\_20000~27000\_20000~27000



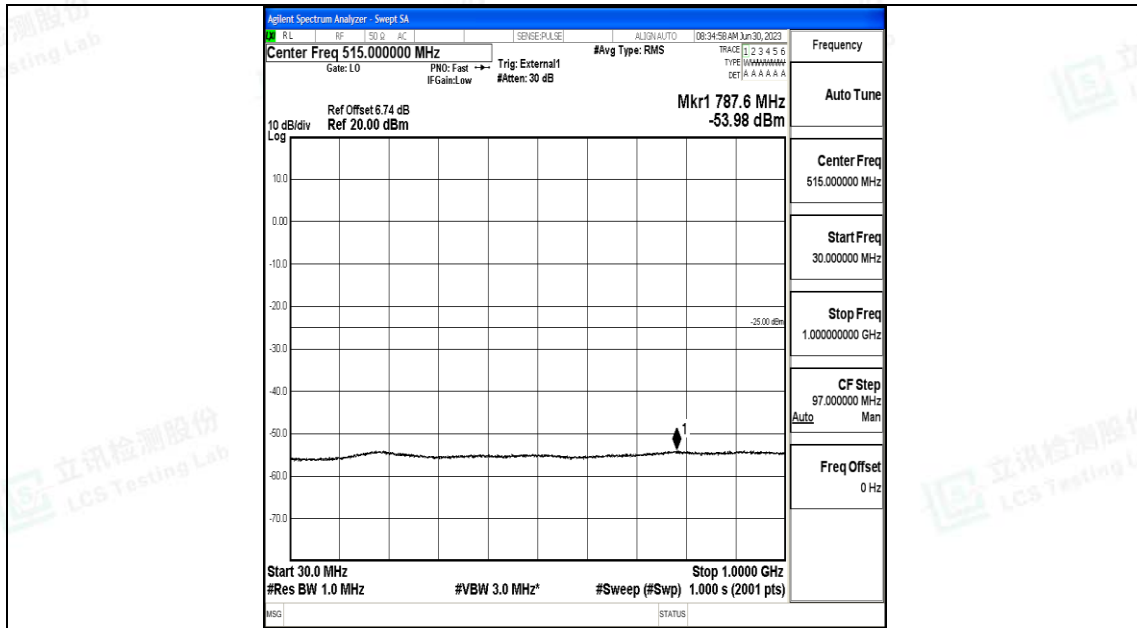


Band41\_5MHz\_QPSK\_40620\_1RB#0\_0.009~0.15\_0.009~0.15

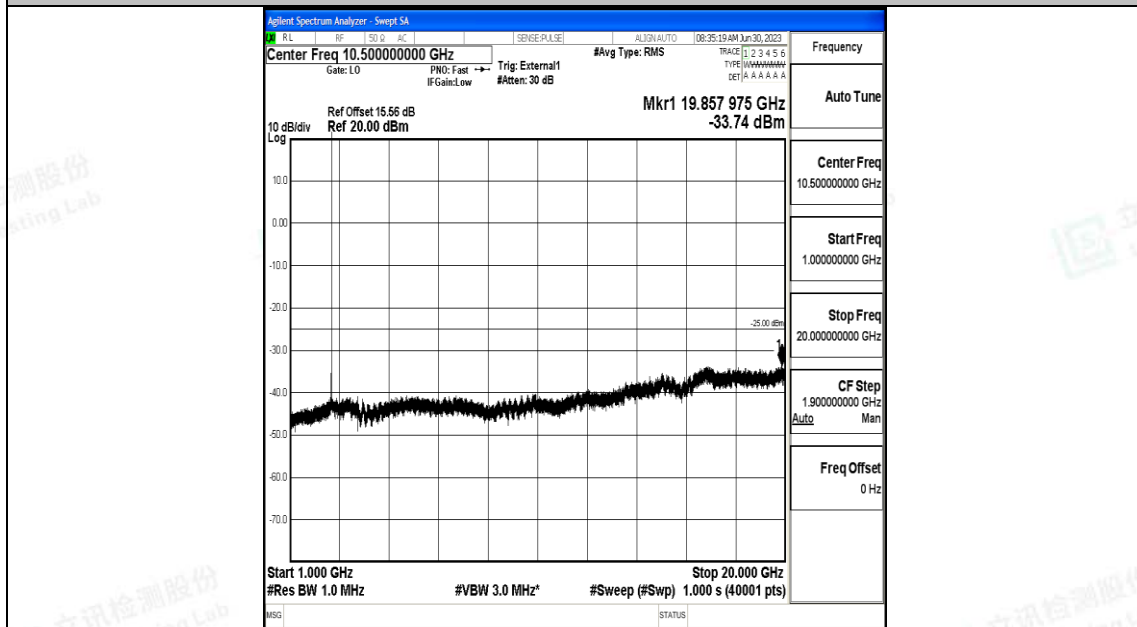


Band41\_5MHz\_QPSK\_40620\_1RB#0\_0.15~30\_0.15~30



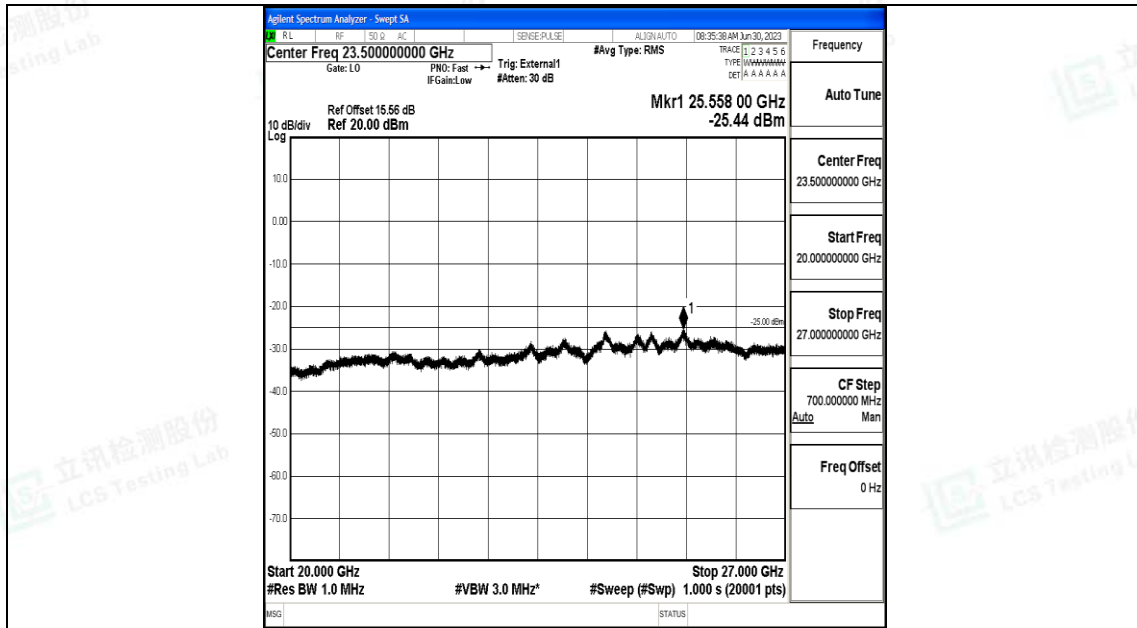


Band41\_5MHz\_QPSK\_40620\_1RB#0\_30~1000\_30~1000

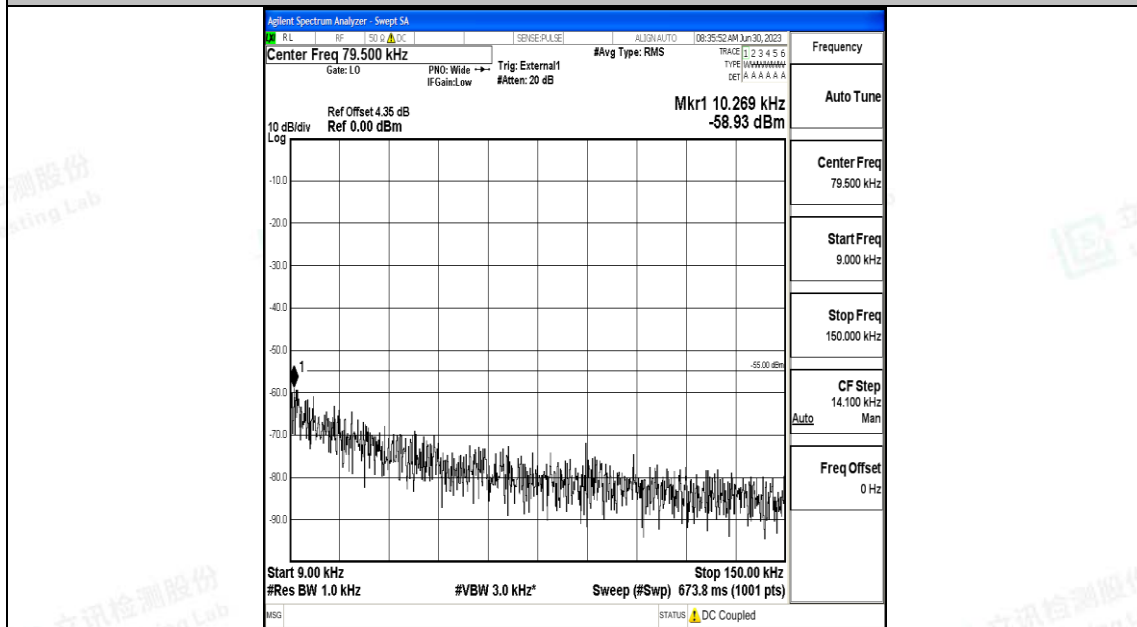


Band41\_5MHz\_QPSK\_40620\_1RB#0\_1000~20000\_1000~20000



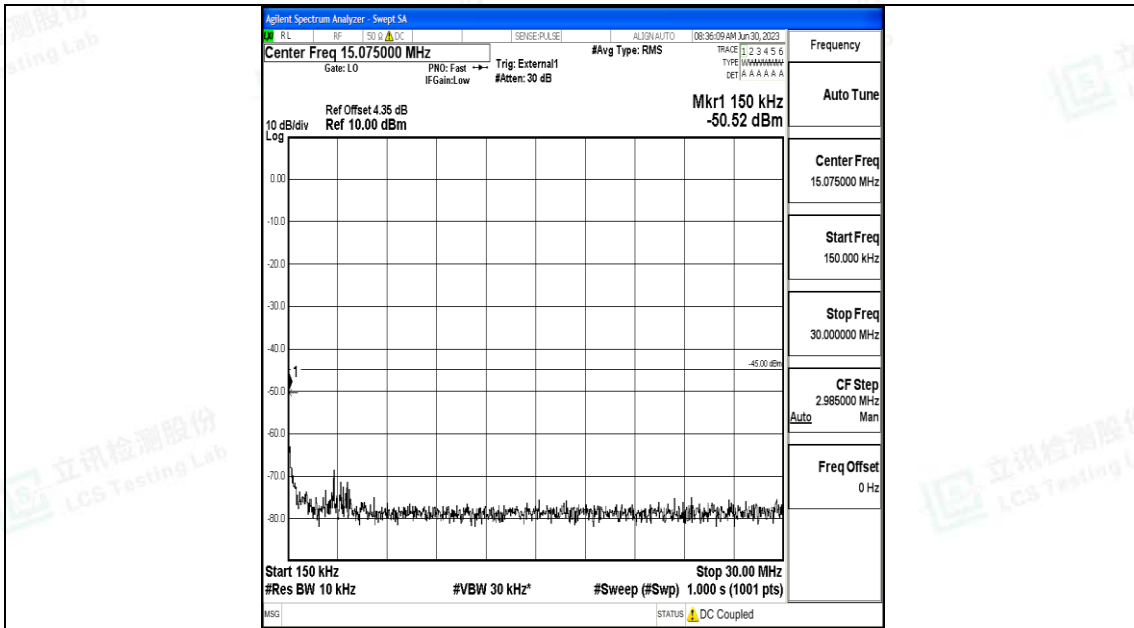


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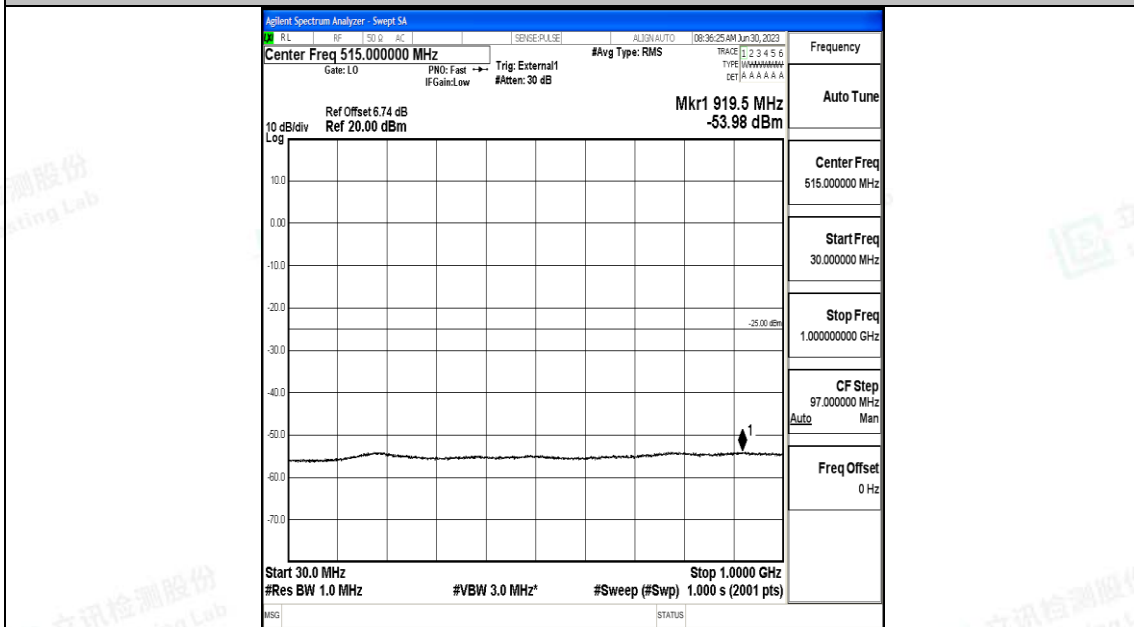


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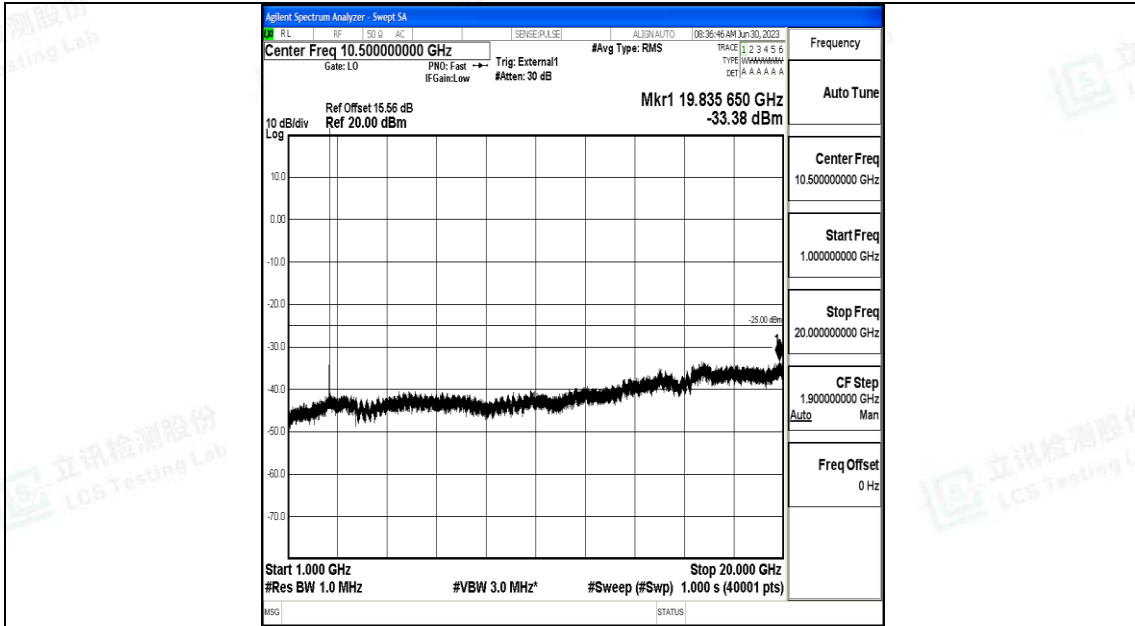


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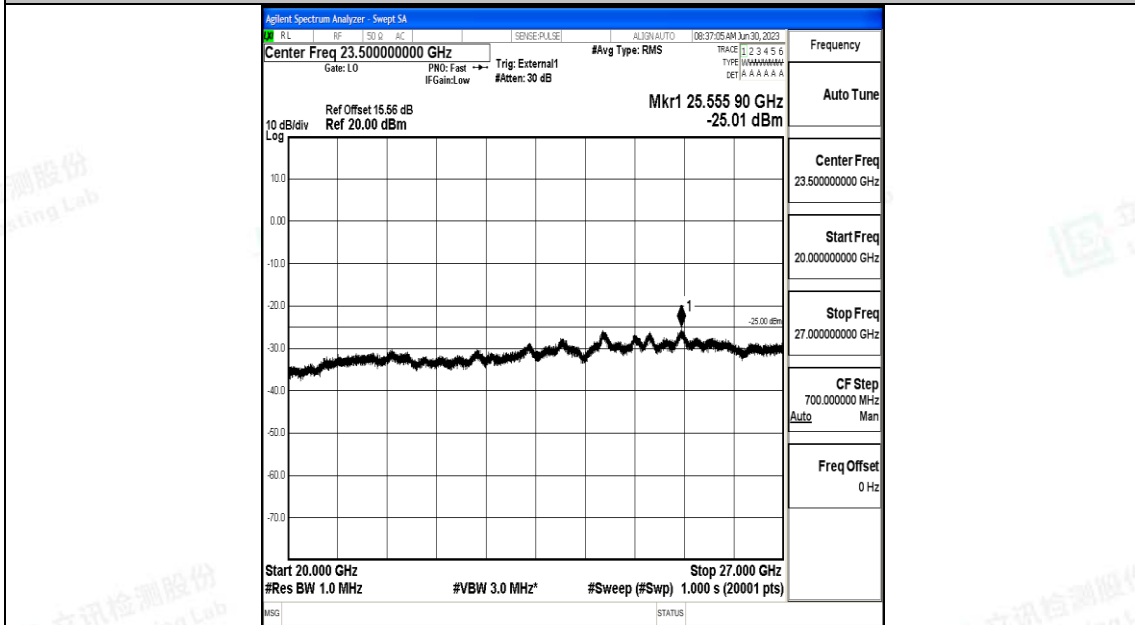


Band41\_5MHz\_16QAM\_40620\_1RB#0\_30~1000\_30~1000



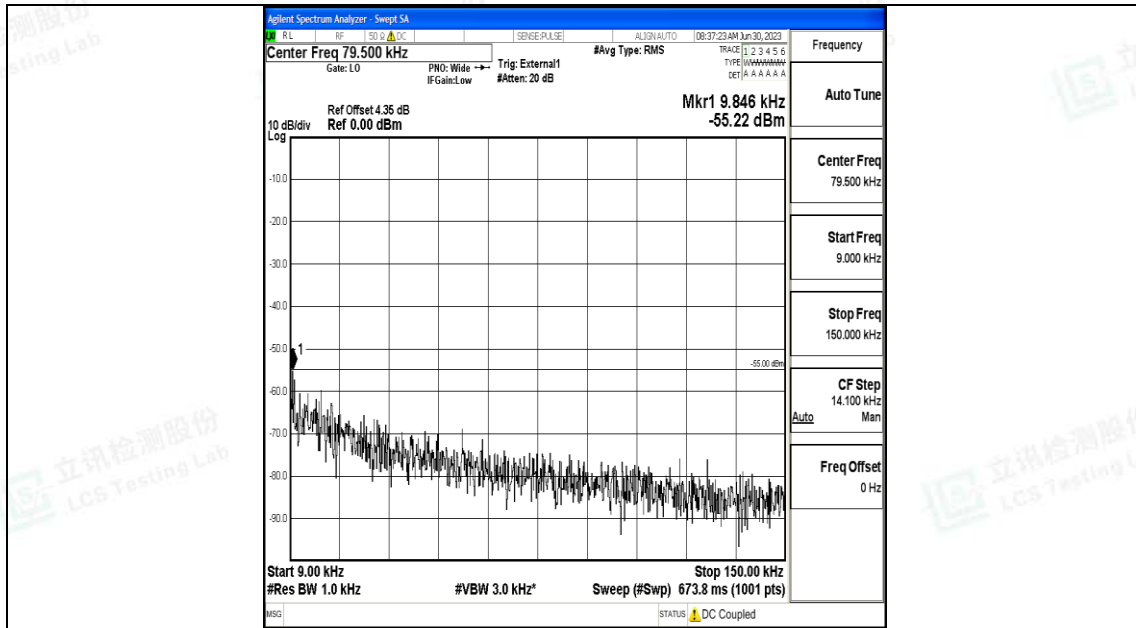


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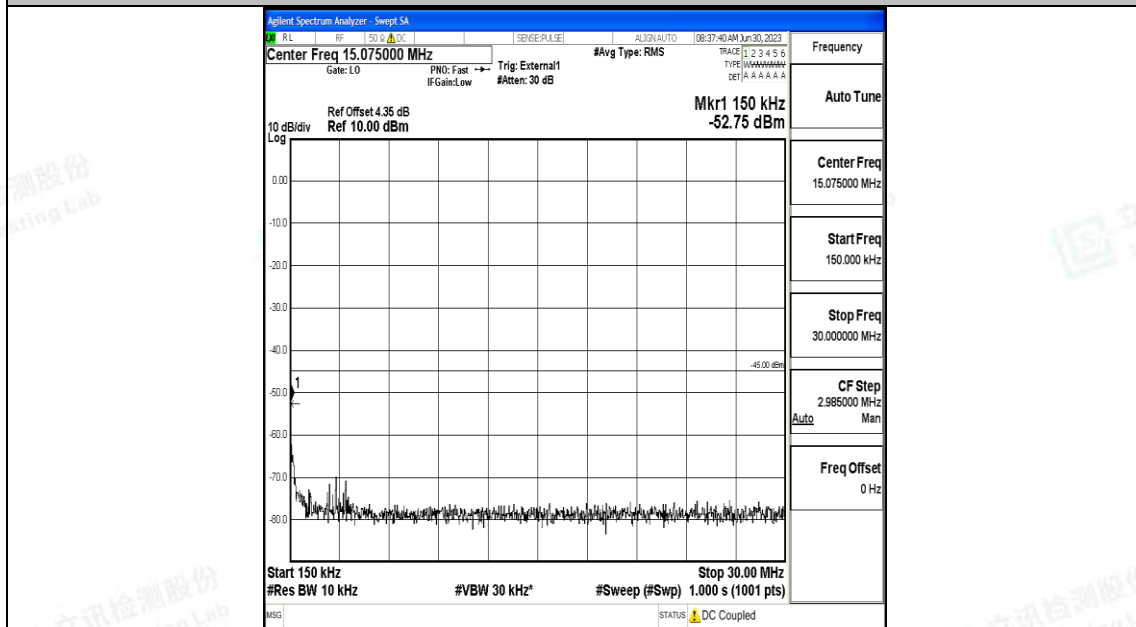


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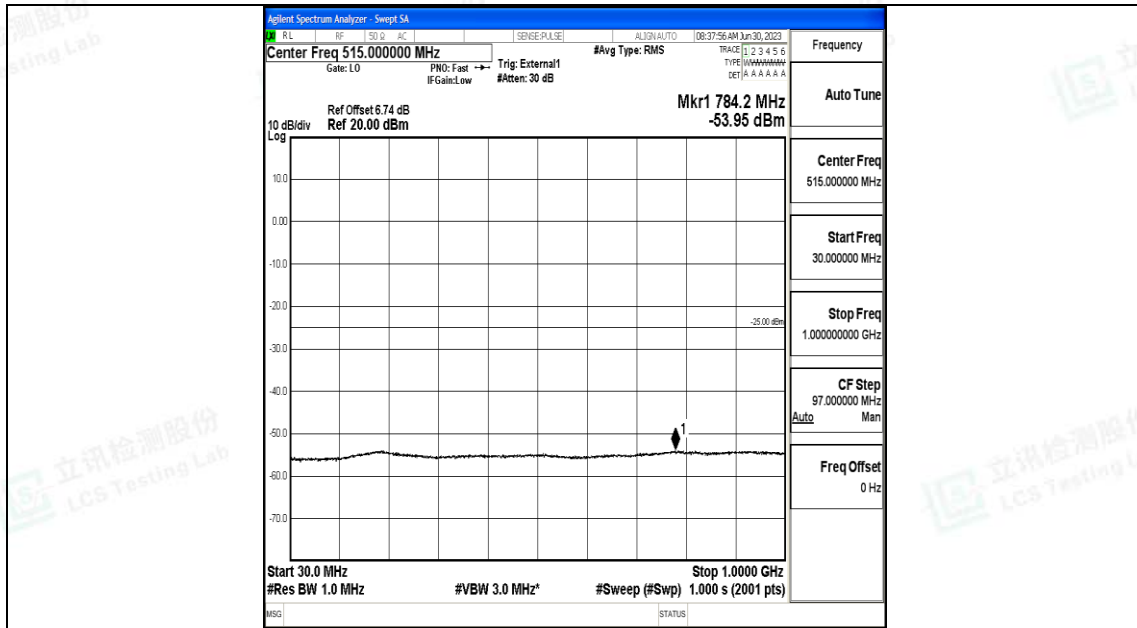


Band41\_5MHz\_QPSK\_41565\_1RB#0\_0.009~0.15\_0.009~0.15

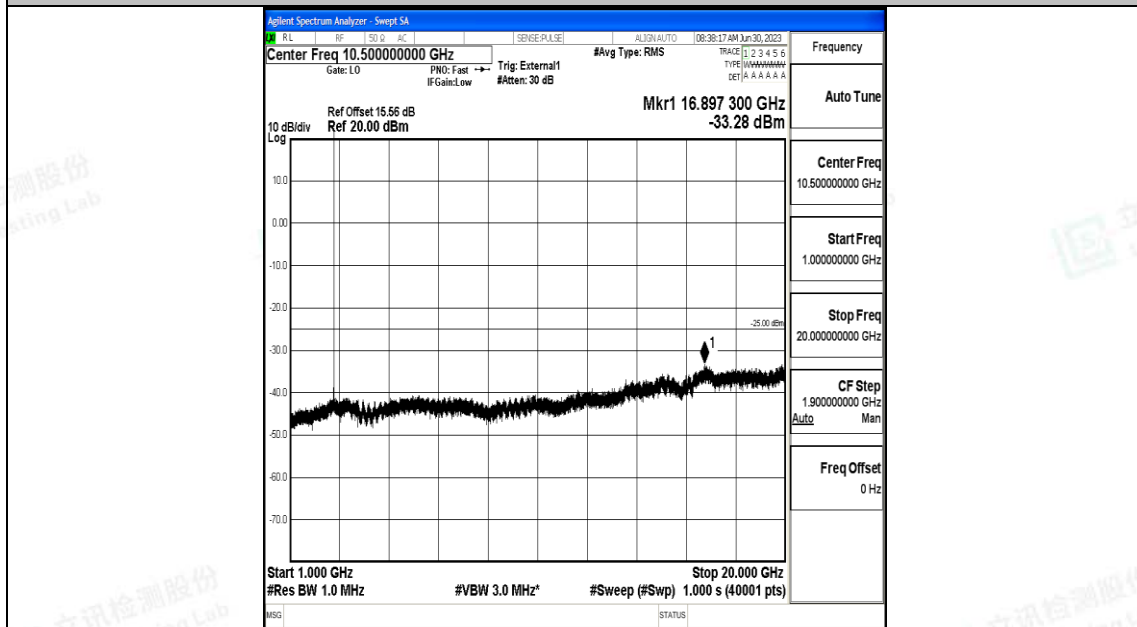


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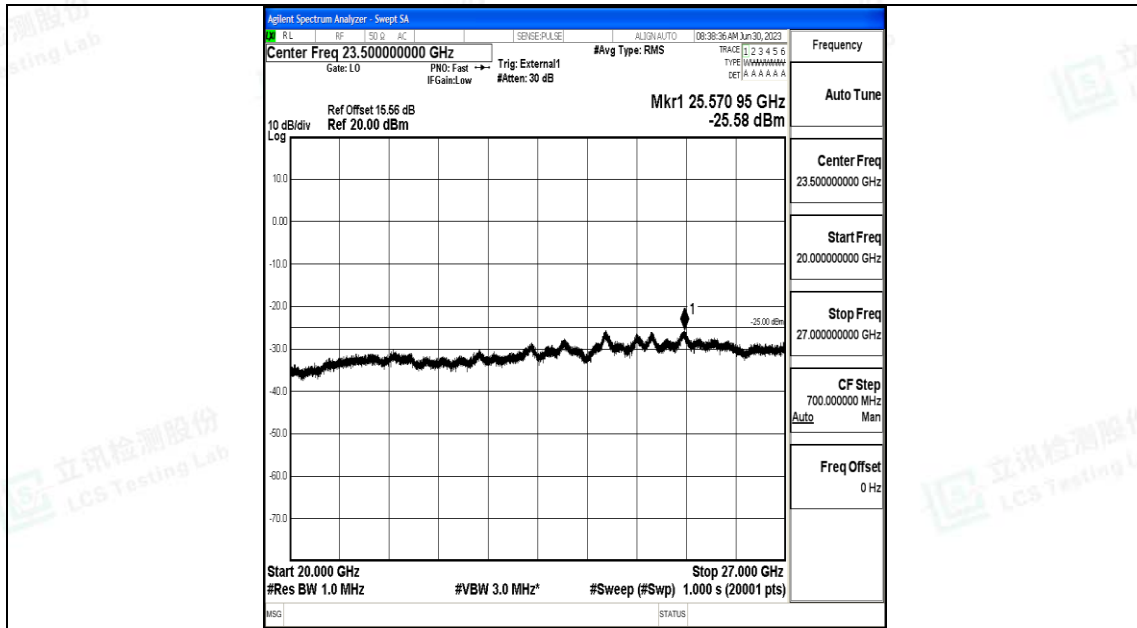
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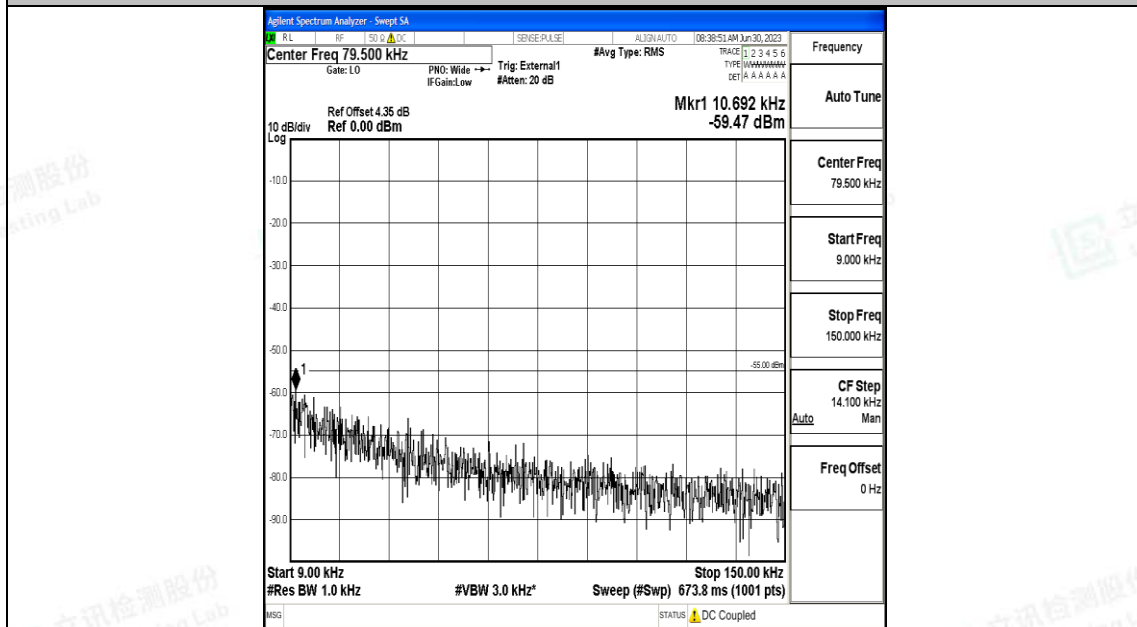
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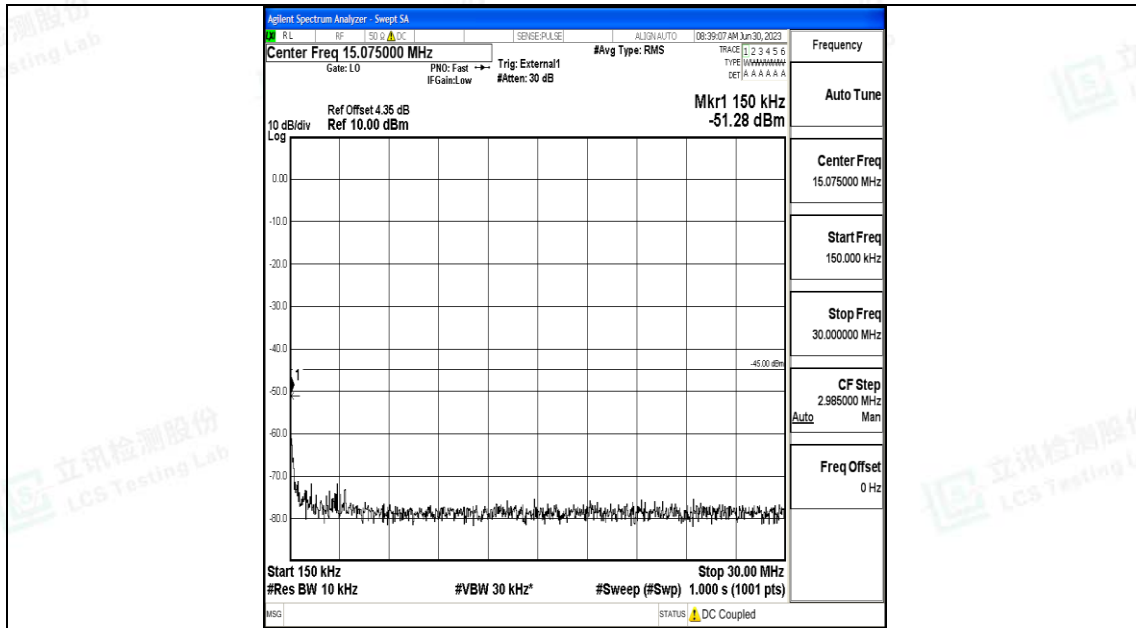


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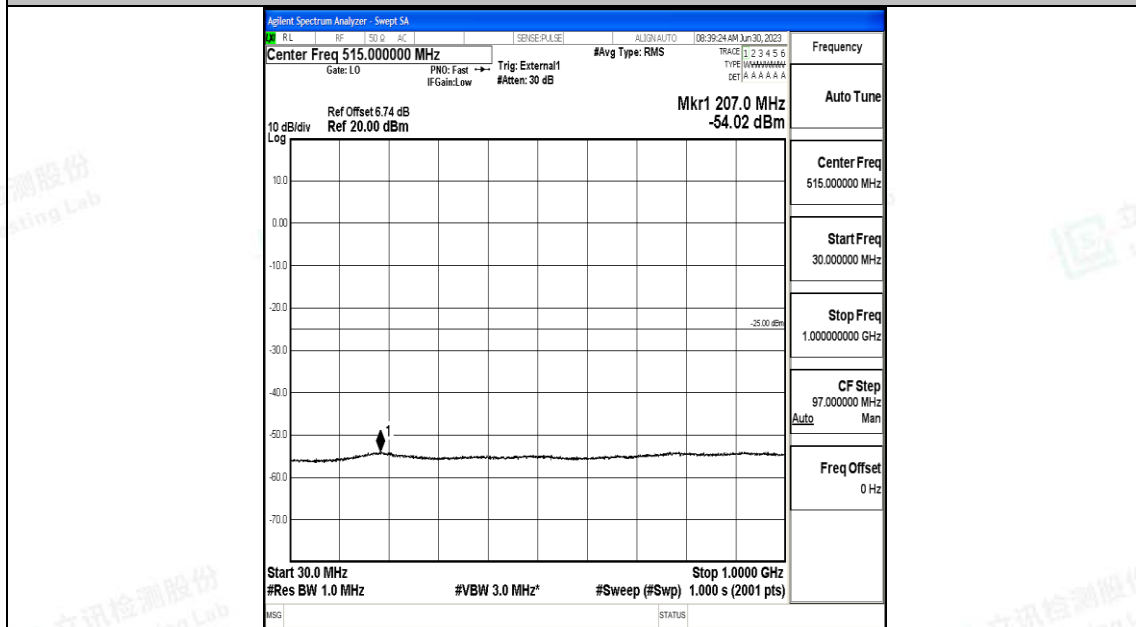


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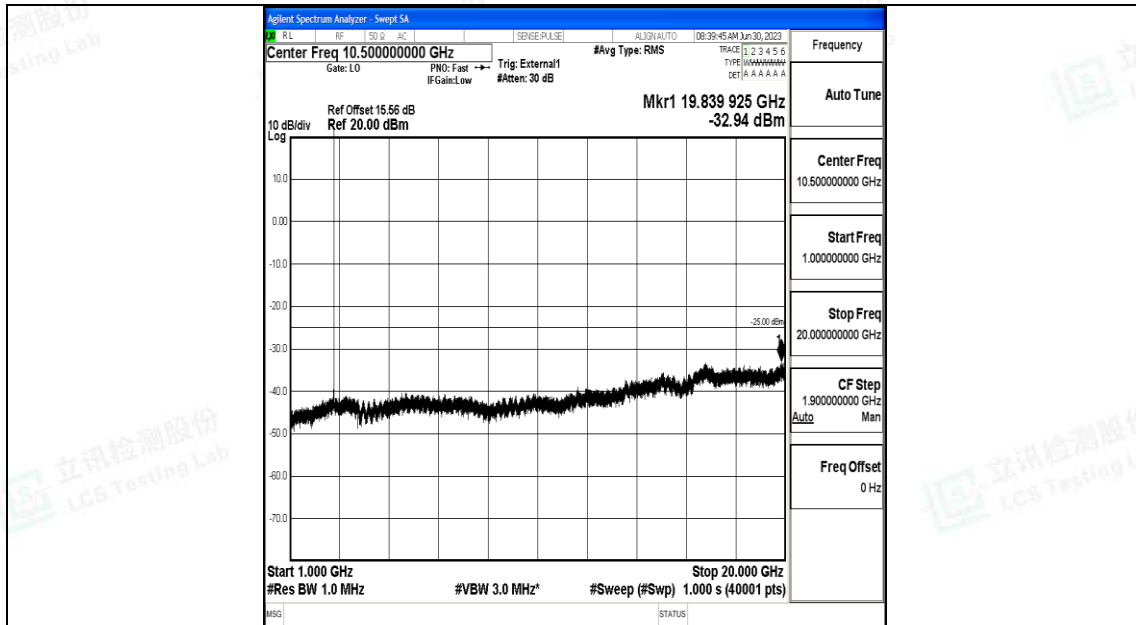


Band41\_5MHz\_16QAM\_41565\_1RB#0\_0.15~30\_0.15~30

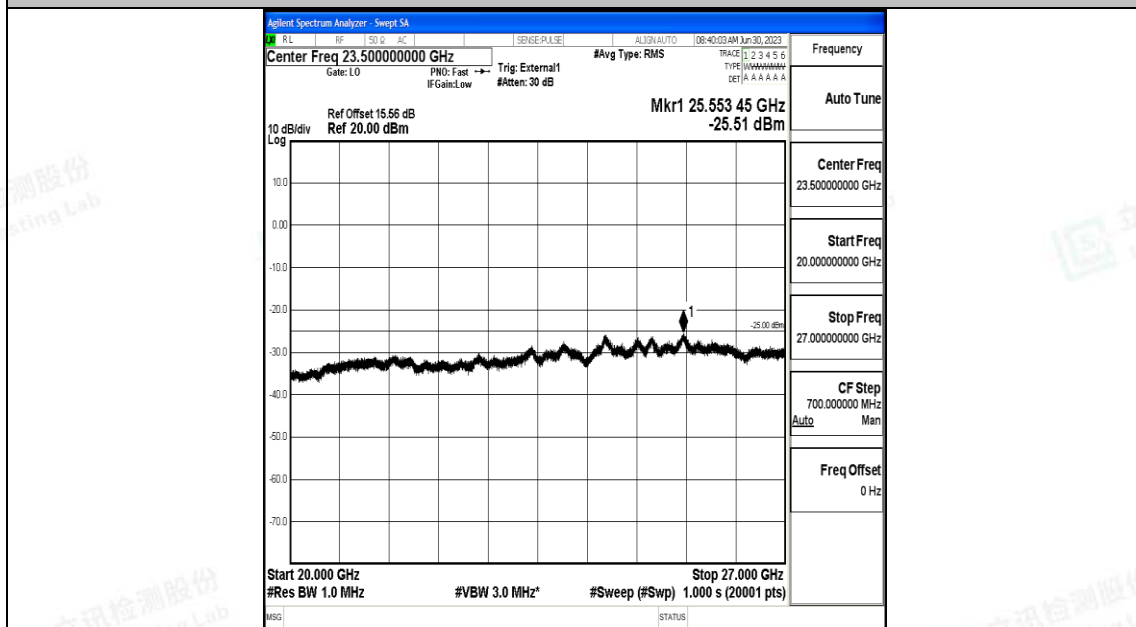


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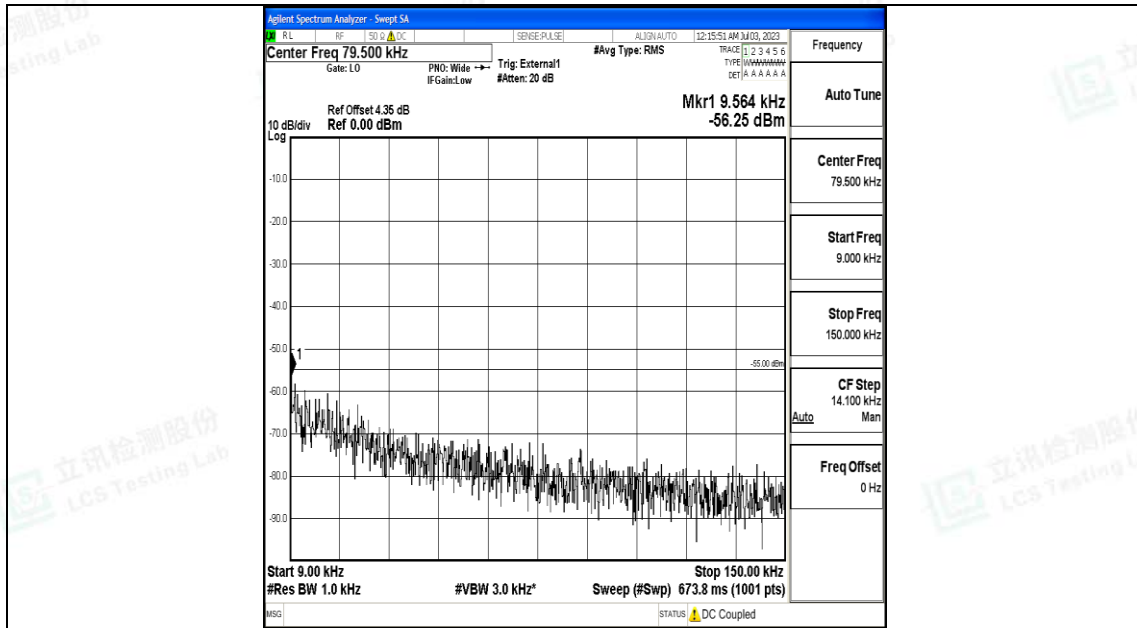


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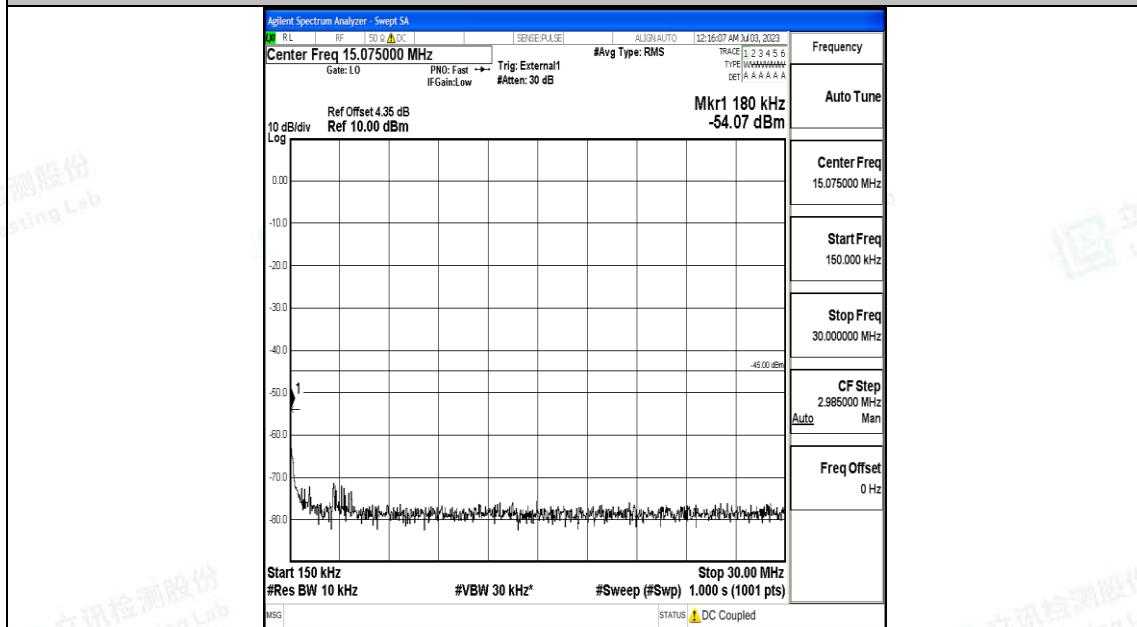


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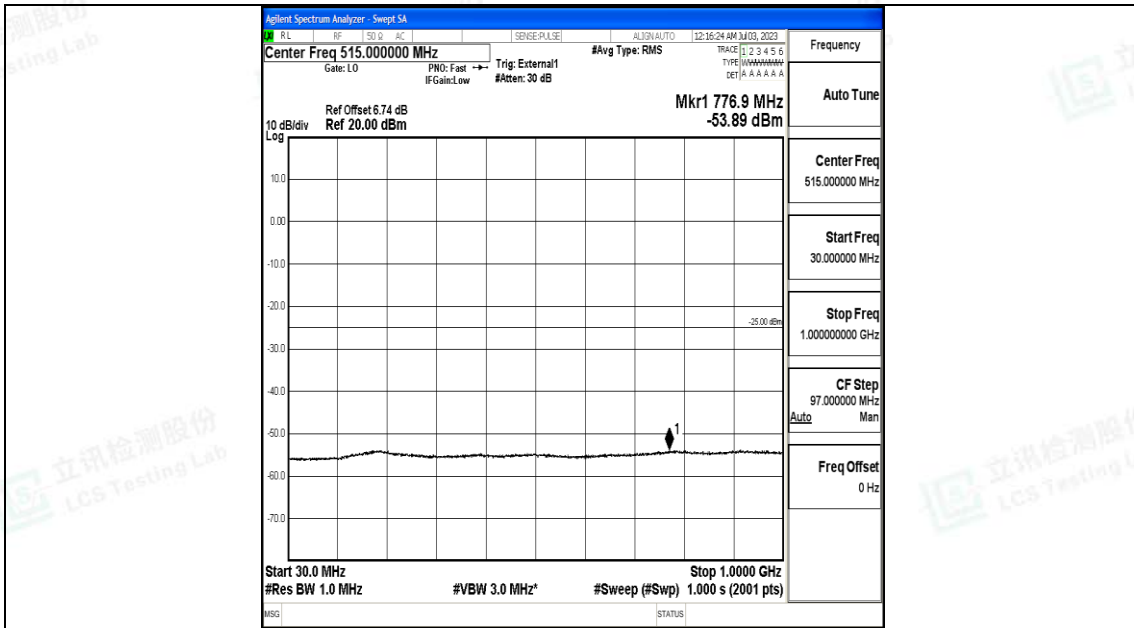


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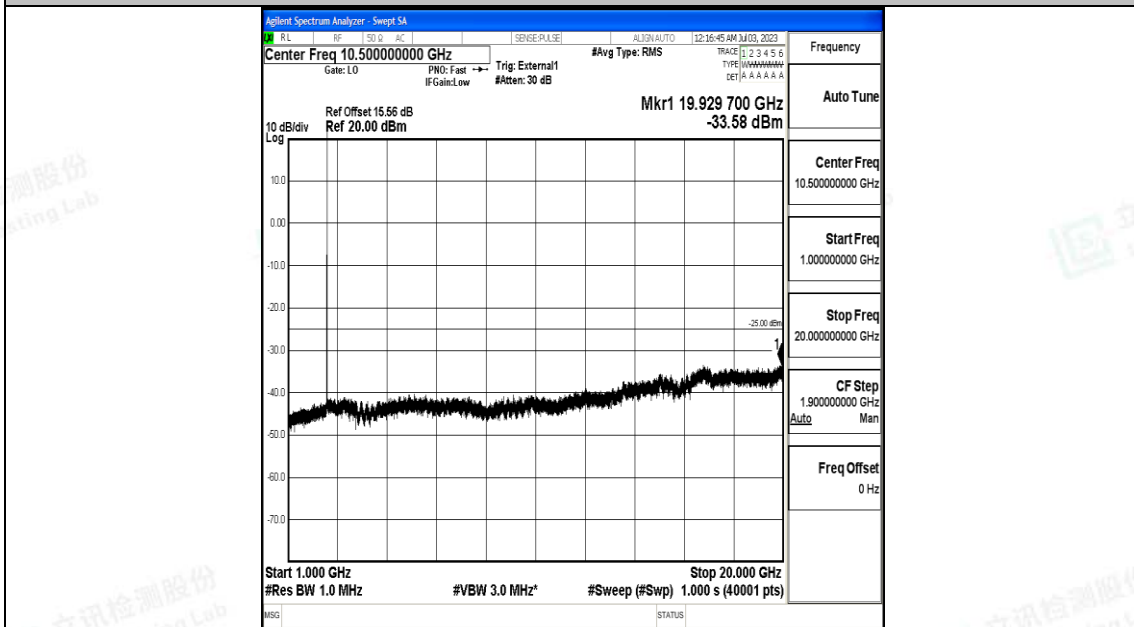


Band41\_10MHz\_QPSK\_39700\_1RB#0\_0.15~30\_0.15~30



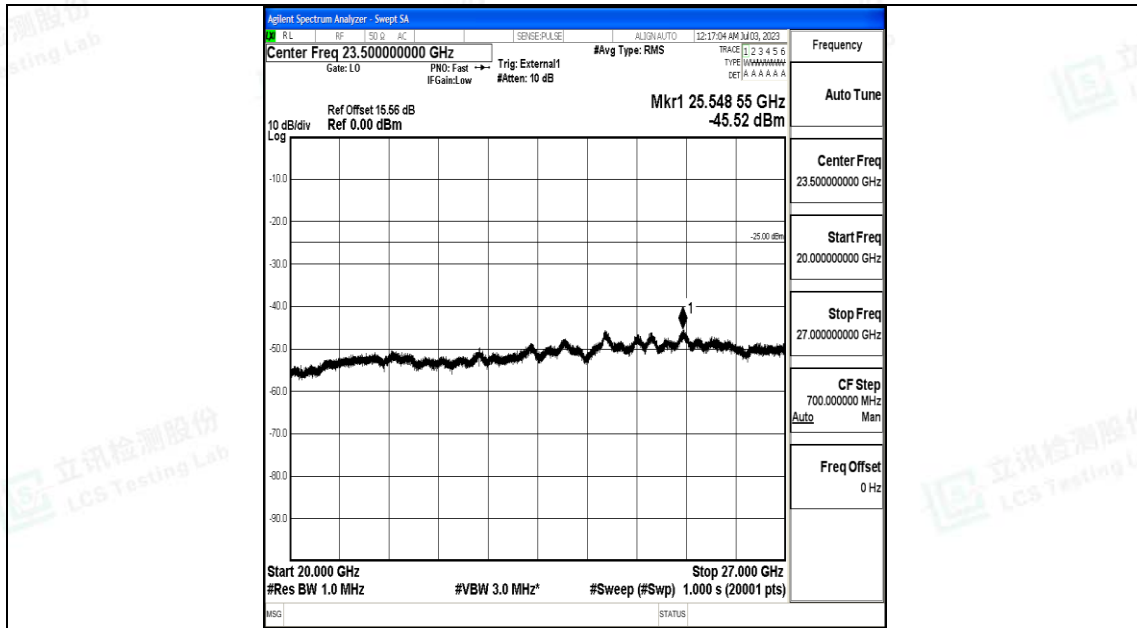


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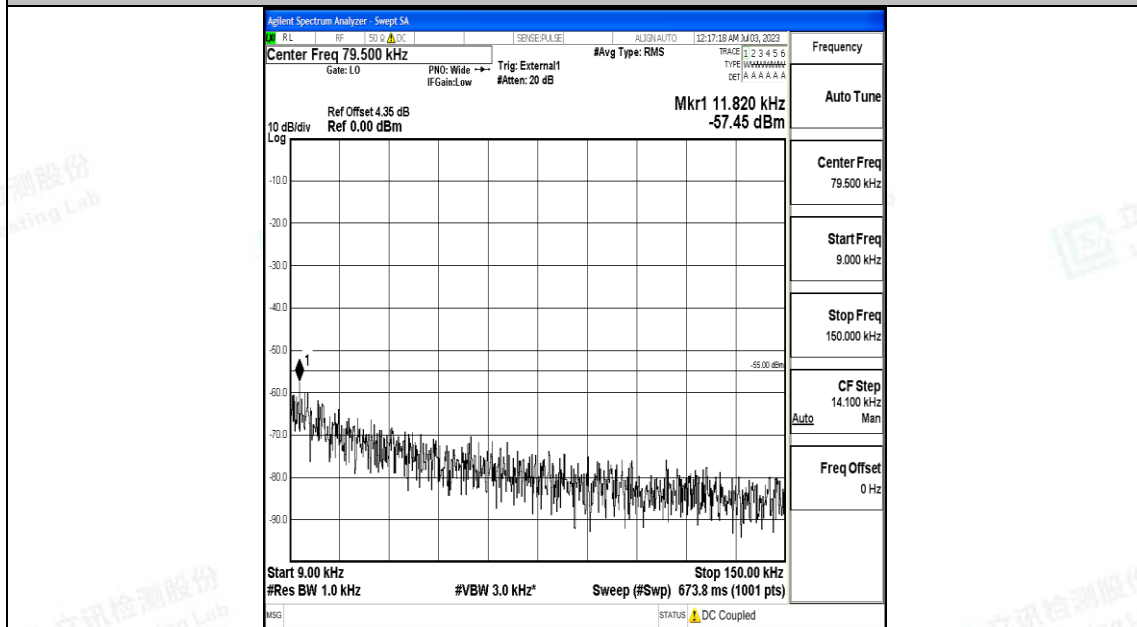


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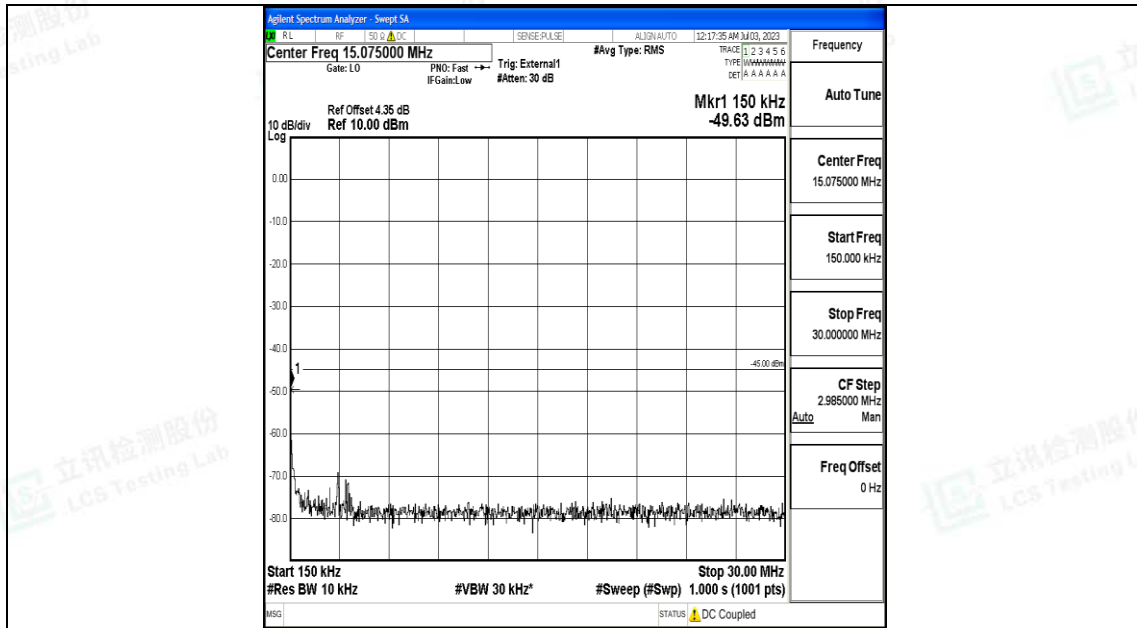


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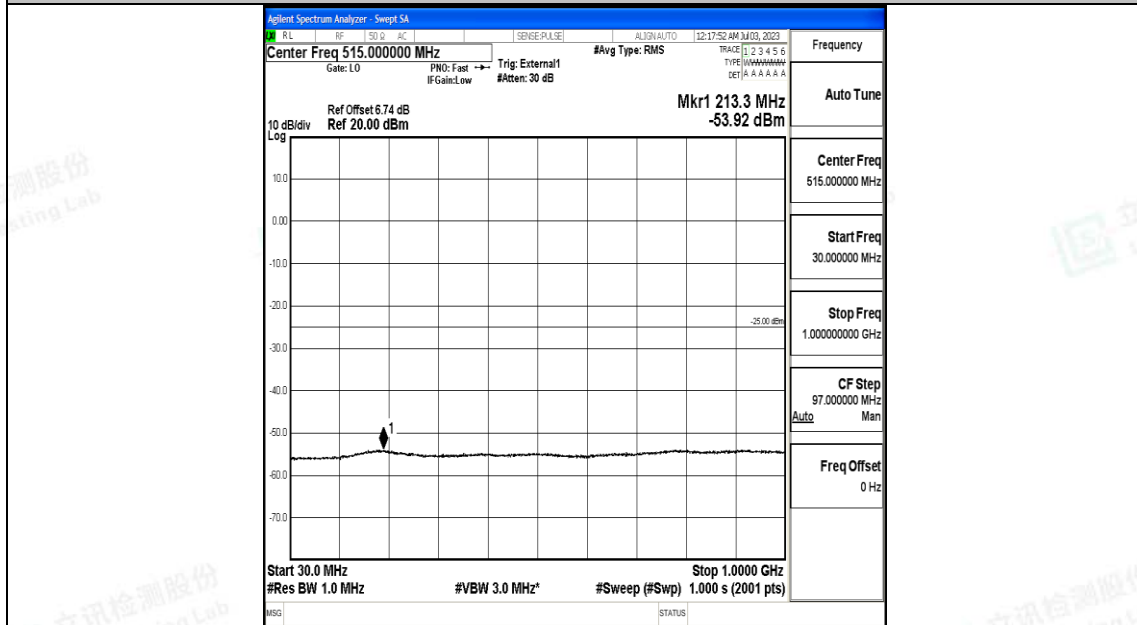


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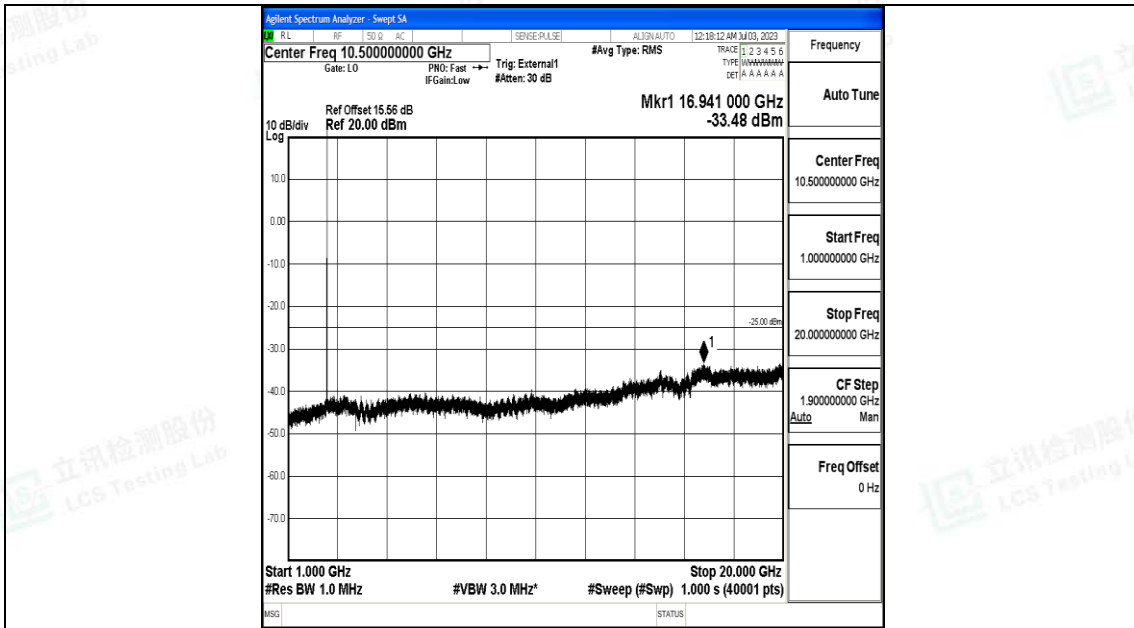


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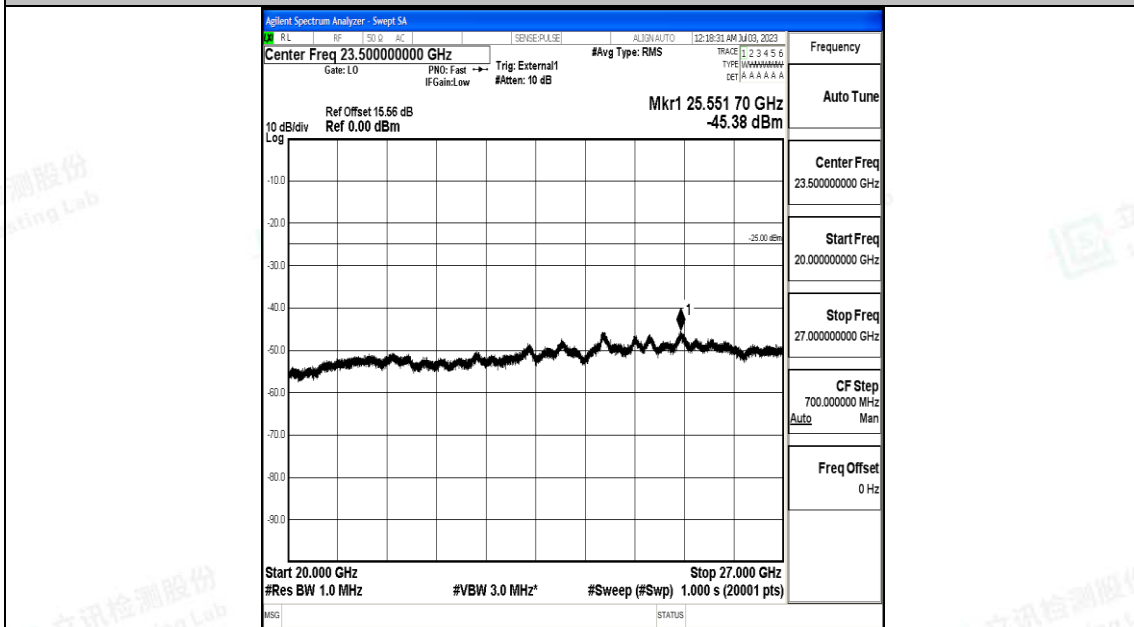


Band41\_10MHz\_16QAM\_39700\_1RB#0\_30~1000\_30~1000





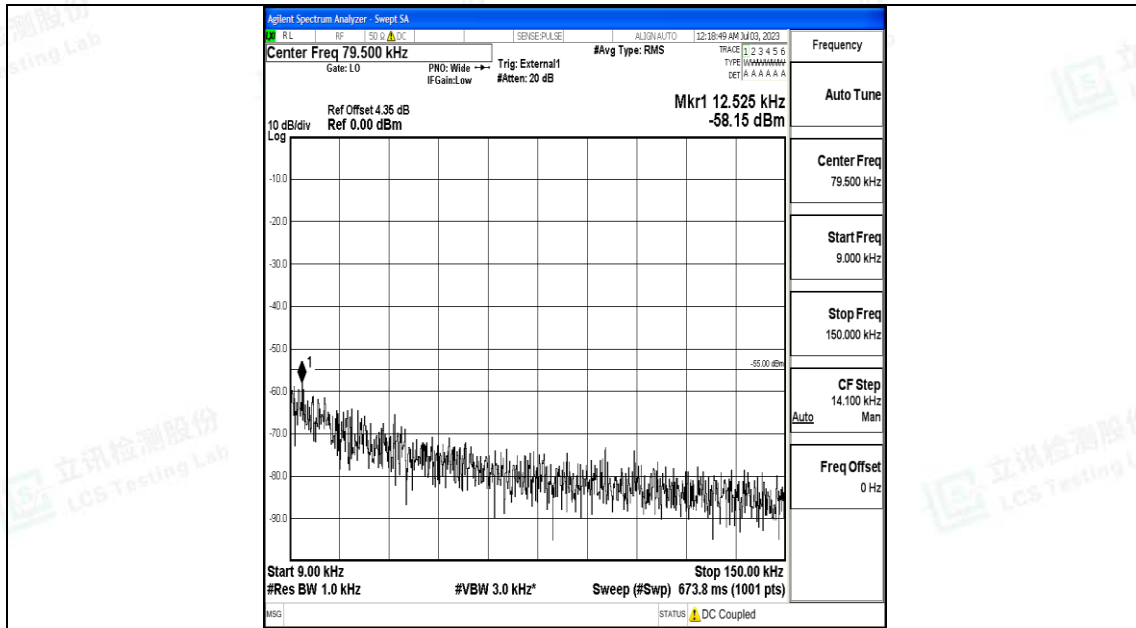
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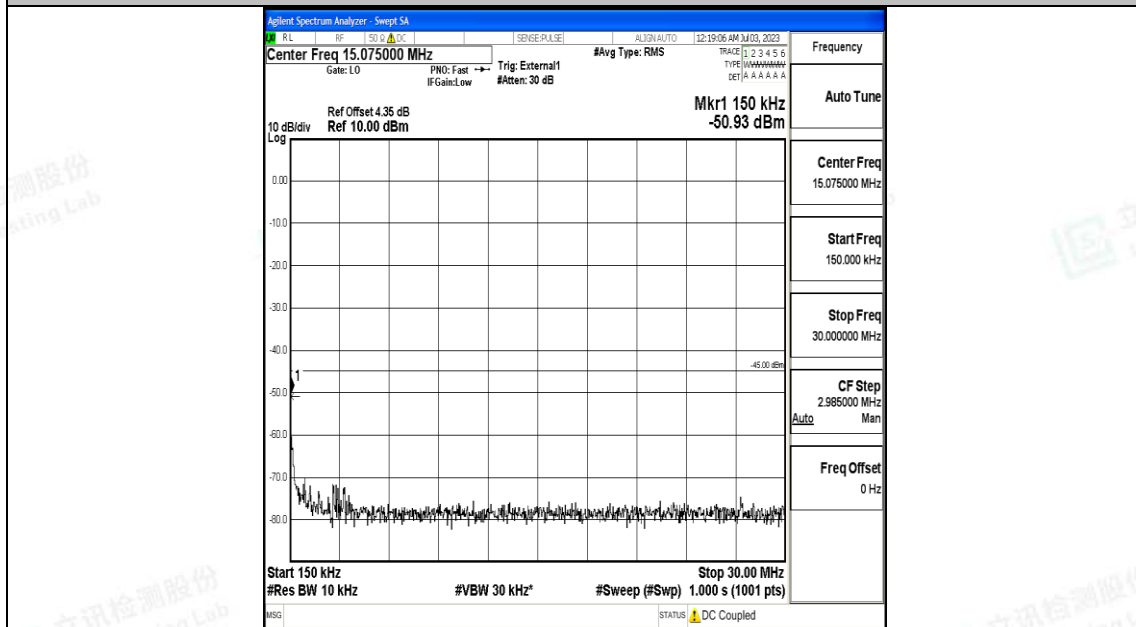
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Band41\_10MHz\_QPSK\_40620\_1RB#0\_0.009~0.15\_0.009~0.15



Band41\_10MHz\_QPSK\_40620\_1RB#0\_0.15~30\_0.15~30

