

The background of the slide is a photograph of a large, circular satellite dish antenna. The dish is dark and has a grid-like pattern of small elements. It is set against a dark sky with a hint of a sunset or sunrise on the right side. A vertical red bar is on the left side of the image.

Manufacturer & Solution Provider for Power Amplifiers & Application Systems

LI RONGMING

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V2.0

Company Profile



Rflight Communication Electronic Co., Ltd. founded in 2004, is a high-new technology company dedicated to R&D, manufacture and system solutions for **RF power amplifiers** and PIM testing systems. Power amplifier freq. spanning 4kHz-100GHz , power rate 1W-500kW

Industry Ranking



1. Global leading PIM test system manufacturer

700+ sets of 7-bands cabinet type of PIM test systems, 2000+ sets of desktop PIM test systems, over 7000 bands have been deployed globally, taking more than 70% of the market share in China or 50% worldwide

2. The best local brand Testing RF Power Amplifier & System manufacturer in China

Power amplifier freq. spanning 4kHz-100GHz , power rate 1W-500kW, covering full band of EMC testing

3. China Mobile Carriers recognized power tolerance testing system manufacturer

Adopted by over 90% of the authorized 3rd party inspection organizations in China.

Applications



Wireless
Telecom.



Aerospace
& Defense



EMC



High-
energy
physics



Space
Research



Product
Application

Advance
Medical



Cooperation Roadmap



Incorporation



**Keysight (Agilent)
Solutions Partner**



CM Supplier



Hi-New Tech Enterprise



Ericsson Supplier



**Successfully developed
DC-40GHzPW:10kW**

2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016



ISO9001 Certified



TTL Partner



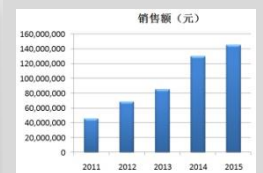
**Launch of the first
NTWPAS EMC PA**



HUAWEI Supplier



**Huawei-Keysight-Rflight
RF Test Lab**



Sales RMB150Mil

Domestic Operation



 Beijing Office

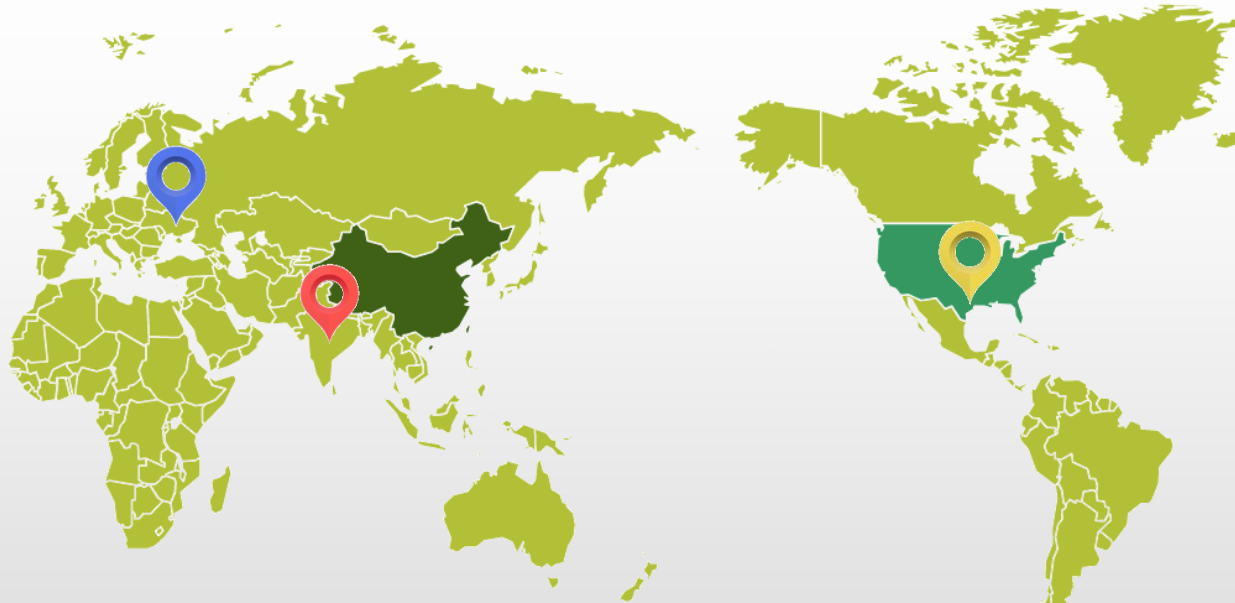
 Nanjing HQ

 Xi'an Office

 Chengdu R&D
Center

 South China Base
(Bantian, Songshanhu)

Overseas Operation



Munich Germany



Bangalore India
(TBA)



Dallas USA



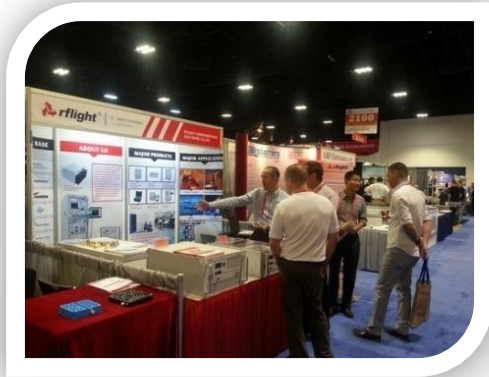
International Cooperation



Worldwide Technical Exchange Activities



MTT-S IMS
Seattle USA

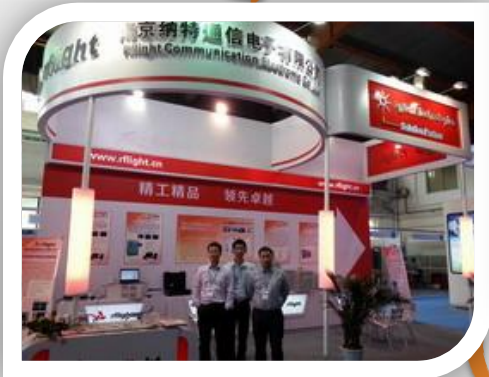


GSMA WMC Barcelona Spain



CTIA Las Vegas USA

EMC/China
Exhibit Shanghai

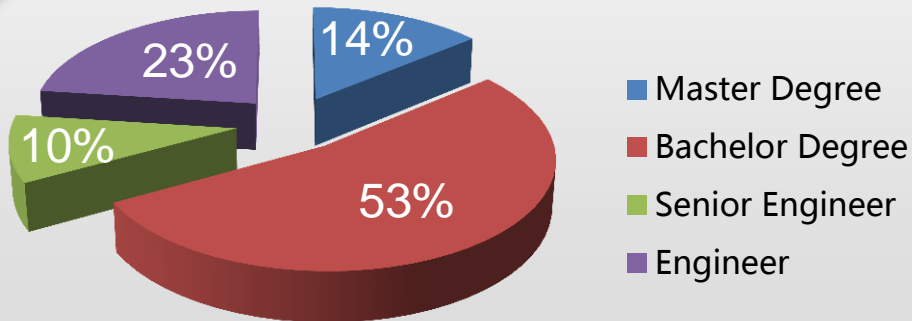


EMV Stuttgart Germany

R&D Team



120+ R&D Team



R&D, Manufacturing Capability



RF Open
Lab

Pro
anechoic
chamber
& Shield
Room

50+ sets
CNC
& test
equip.



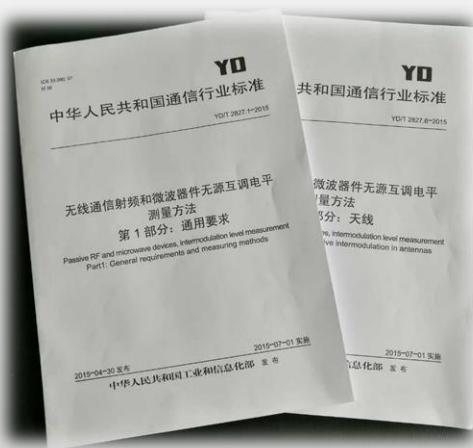
Over **5000** square meters of
factory floor space and hundreds of
test and calibration equipment.



Technical Standards Research



Work with SEARI , Southeast University, China Telecommunication Technology Labs (TTL) etc. to draft and promote related national standards.



Technical Standards Implement & Verify



Rflight work closely with CTTL on 4G & 5G test method and standard, promoting various test system and related standards, co-organizing different seminars to drive the development of the mobile telecom. industry



Technical Standards Implement & Verify



Rflight established the Huawei-Keysight-Rflight joint lab in our South China Base, under CTTL lab instruction to starting with R&D for 4G & 5G standards. In the meantime officially certified by CTTL with authorization to responsibly for South China testing activity!



Technical Standards Implement & Verify



To better support Huawei Songshanhu plant for mass production, as well as CTTL South China activities, we're moving part of the test equipment to new location with larger size. Also we have another lab close to Huawei Bantain HQ. R&D, NPI project.

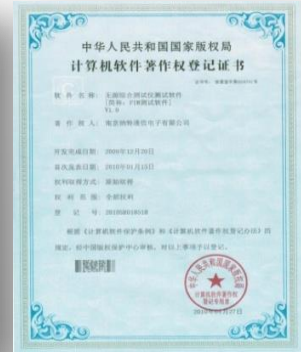
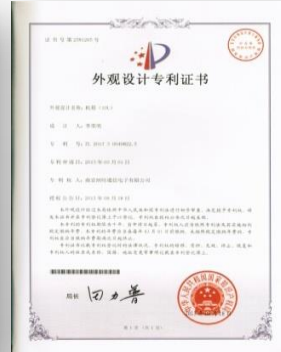
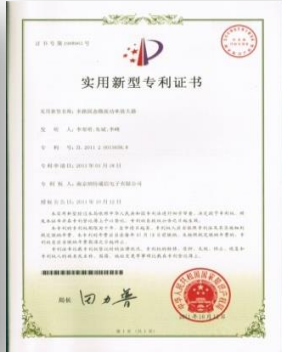


Patents



More than 200 patents for product and software

12 inventions, 130 applications, 50 cosmetics, 12 software



产品中心

奔跑的纳特将立志成为顶尖的功放产品供应商！

NAT WILL RUN TO BECOME THE LEADING SUPPLIER OF
POWER AMPLIFIER PRODUCTS!

All at you finger tip!

Core Products Overview



Core Systems & Products

Leading Technologies



PA & Systems

Power Amplifiers. freq. range 4KHz-100GHz, power rate 1W-500KW.



PIM Test System

PIM Analyzer, freq. range 100MHz-40GHz, test port power rate 1W-200W optional, customization allowed.



Power Tolerance Test System

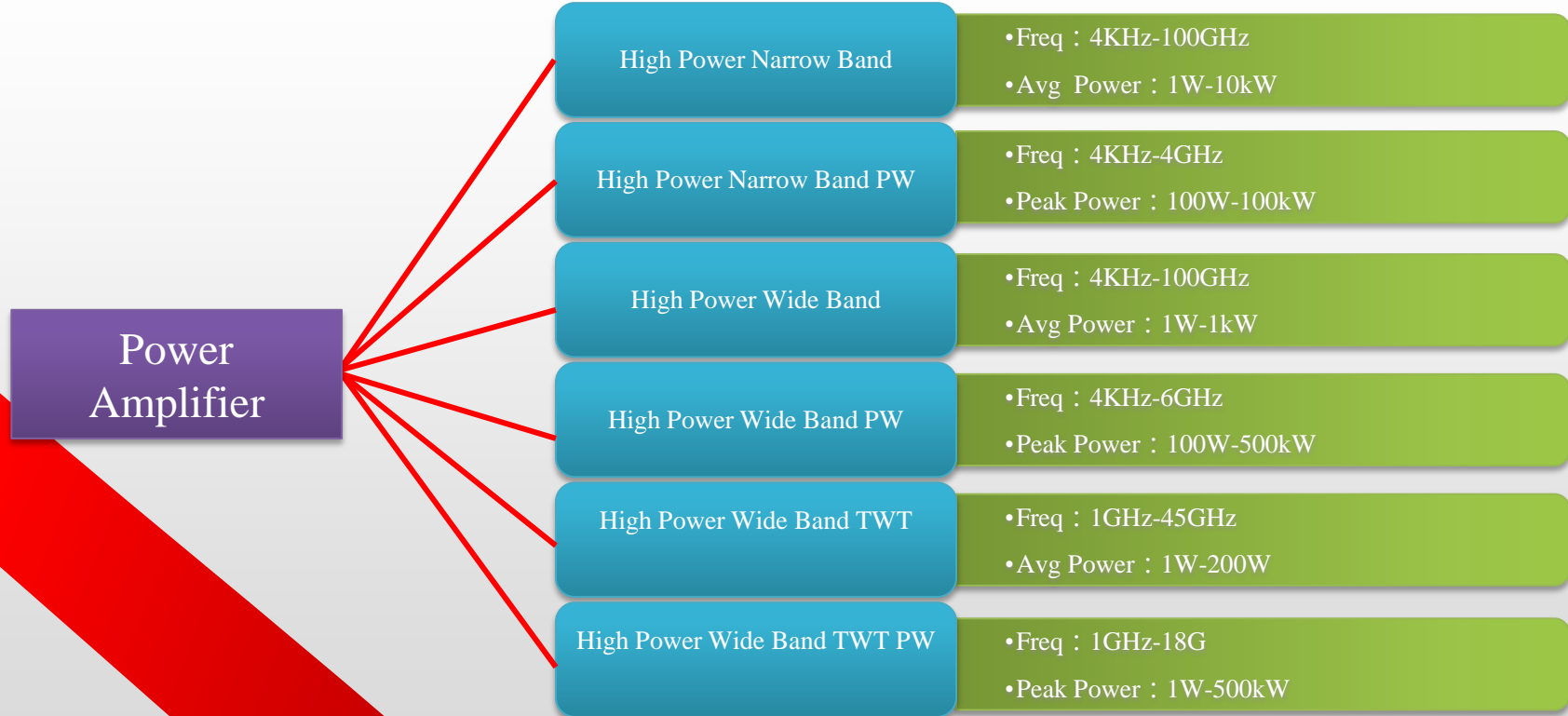
Suitable for high power tolerance performance test for passive components i.e. antenna, duplexer, combiner, cable assy. etc.



Switch Matrix Test System & Platform

In the RF test system, Switch Matrix is capable to achieve automatic testing process, it can greatly improve test efficiency for mass production.

Power Amplifier & System



Power Amplifier for EMC Test



Meeting various EMC standards:

- ❑ Auto Electronics : ISO11452-2、ISO11452-4、ISO11452-5、EMC-CS-2009
- ❑ Info Technologies : IEC61000-4-3、IEC61000-4-6
- ❑ Mil. Equipment Grade : MIL-STD-461F/GJB151B-2013 (10kHz~40GHz , 200V/m)
- ❑ Mil. System Grade : GJB1389A-2005/GJB8848-XXXX
- ❑ RTCA/DO - 160G



Power Amplifier for PIM Test



Suitable for PIM test for passive components i.e. antenna, POI, duplexer, combiner, cable assy. Etc.

Globally Rflight delivered 700+ units of 7-bands PIM analyzer, 2000+ units of desktop PIM analyzers, 7000+ bands deployed world widely, taking 70%+ domestic manufacturing industry market share



PA for High Power Tolerance Test



Suitable for high power tolerance test for passive components i.e. antenna, duplexer, combiner, cable assy. etc. system max. average power +63dBm (2000W), max. peak power +70dBm (10KW)

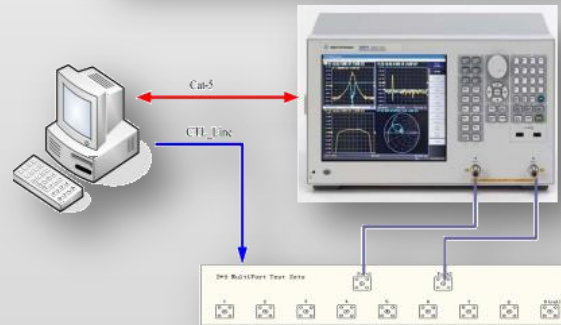
4 of the China Mobile appointed third party incoming quality inspection labs are using Rflight high power tolerance test systems, as well as China mobile labs, CTTL, SRRC, National Calibration Center, CCTL



Switch Matrix Test System & Platform



In the RF test system, the Switch Matrix is capable to achieve test process automation, which is a great improvement to test efficiency for mass production



Typical Customers



“One Stop” Service



服务中心

顾客满意是我服务的宗旨

CUSTOMER SATISFACTION IS THE PURPOSE OF MY SERVICE !

- ◆ Timely delivery and technical training & support, 3 years warranty, 10 years paid maintenance
- ◆ Professional maintenance & repair personal. 1000+ sets of PA & PIM repair experiences.

Contact US



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Thank You !