

RF & Wireless Products Testing and Certification Service

In order to meet the increasing demand on wireless products testing and certification, STC has introduced an advanced wireless testing system from Germany recently. Accompanied by our FCC, IC recognitions and friendly cooperation with international certification organizations from European Union, Australian, Japan, Korea etc., STC can provide professional one-stop comprehensive testing and certification service for wireless communications products manufacturers.



Scope of Service

- Wearable Device
- Wireless Walkie-talkie
- Wireless Microphone
- Remote-controller
- Wireless Network Device (WiFi 802.11 a/b/g/n/ac)
- Wireless Image Transmission System
- Bluetooth (BT 2.1 EDR/ BT3.0 HS / BT4.1 LE)
- Zigbee Products
- Wireless Keyboard/Mouse/USB Dongle
- Low Power Wireless Transceiver

Testing Items

- Frequency Error
- Duty Ratio
- Block
- Radiated Carrier Power
- Phase Error
- Intermodulation Attenuation
- Conducted Carrier Power
- Transient Power
- Frequency Response
- Radiated Spurious Emission
- Adjacent Frequency Power
- Neighborhood Signal Selectivity
- Conducted Spurious Emission
- Modulation Bandwidth
- Scattered Signal Suppression
- Power Spectral Density
- Power Flatness
- Intermodulation Rejection

Wireless Products Testing Standards

Country/Region	Testing Standards
EU	<ul style="list-style-type: none"> • EN 300 220, EN 300 330, EN 300 440, EN 302 291 (Short Range Devices) • EN 300 328, EN 301 893, EN 302 502 (2.4GHz, 5GHz, Bluetooth, WiFi) • EN 300 422, EN 301 357 (Audio product) • EN 301 489-1/-3/-7/-9/-17 (EMC standard)
USA	• FCC Part 15B/C/E
Canada	• RSS 210, RSS 310, RSS 247
Australia	• AS/NZS 4268
Japan	• ARIB STD-T33, ARIB STD-T66, ARIB STD-T67, ARIB STD-T71, ARIB STD-T91

DFS Master & Slave Testing Standards

Country/Region	EU	USA	Canada	Australia	Japan
Testing Standards	<ul style="list-style-type: none"> • EN 301 893 (802.11a/n/ac) • EN 302 502 	• FCC Part 15.407	• RSS 247	• AS/NZS 4268	• Japan DFS Test



For more information, please contact our Electrical Products Division:

- | | | | |
|-----------|------------------------|------------------------|------------------------|
| Hong Kong | Tel: +852 2666 1854 | Fax: +852 2665 0848 | E-mail: hkep@stc.group |
| Dongguan | Tel: +86 769 8111 9888 | Fax: +86 769 8111 9001 | E-mail: dgep@stc.group |
| Shenzhen | Tel: +86 755 8366 6380 | Fax: +86 755 8366 2770 | E-mail: szo@stc.group |
| Zhongshan | Tel: +86 760 8880 2536 | Fax: +86 760 8880 2536 | E-mail: zso@stc.group |

