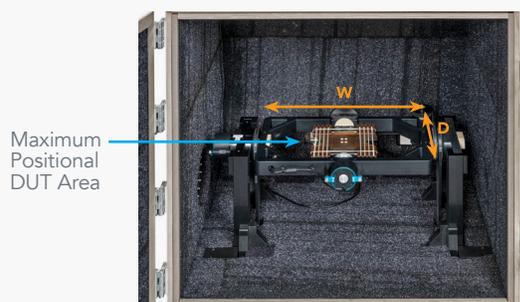


# 5G OTA Test Chamber

Compact and Simple Solution for mmWave UE and Module Design Verification Test



## Chamber Features

- Beamforming and antenna characterization and design verification
- Frequency Range: 24 GHz to 70 GHz
- Integrated 2-axis DUT positional control
- Plug & Play control with IQgig-5G tester
- Designed for 24" far field distance (~600 mm) in 1 axis
- Outer dimensions:  
Chamber: 782mm (L) x 970mm (W) x 1200mm (H)  
Base: 782mm (L) x 970mm (W) x 560mm (H)
- Weight: 298 kg (657 lbs)
- Absorption material: HR-25
- Optional temperature control with an external thermo-stream unit

## 2-Axis DUT Positional Unit Specifications

- Maximum Positional DUT Area holder dimensions: 377 mm W x 310 mm D
- Nominal DUT mass (weight) up to 800 g (1.8 lbs). Heavier DUT possible at reduced acceleration and rotational speed.
- Positioning resolution: 0.1°
- 2-Axis angle rotation:  $\pm 360^\circ$
- Fiber optic closed loop homing sensor
- Software-adjustable 2-axis rotation speed: 0 rpm to 40 rpm
- Trigger Output:
  - Level: CMOS/TTL
  - Interface: Female BNC
  - Nominal Delay: 10 ns and software programmable up to 1 s
- Standalone Windows/MAC/OS X GUI
- SCPI command set for customer API/test scripts development

Code	Product
0100-IG5G-011	IQgig-5G Model B (4 Ports) Test System
0100-IG5G-013	IQgig-5G Model B (2 Ports) Test System
0300-IG5G-003	3GPP NR 5G Software License
0150-IG5G-102	5G mmWave OTA Test Chamber. Suitable for 24 to 70 GHz frequency range.
0150-IG5G-005	5G mmWave OTA Test Chamber with temperature capability. Suitable for 24 to 70 GHz frequency range.