Conducted Emission
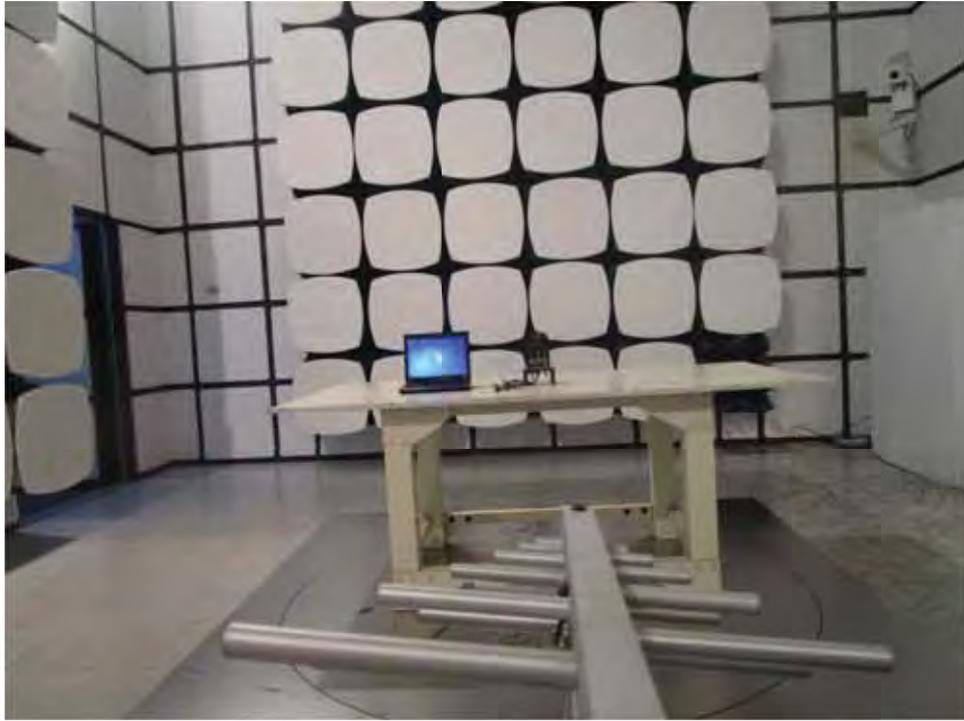
RE Below 1GHz
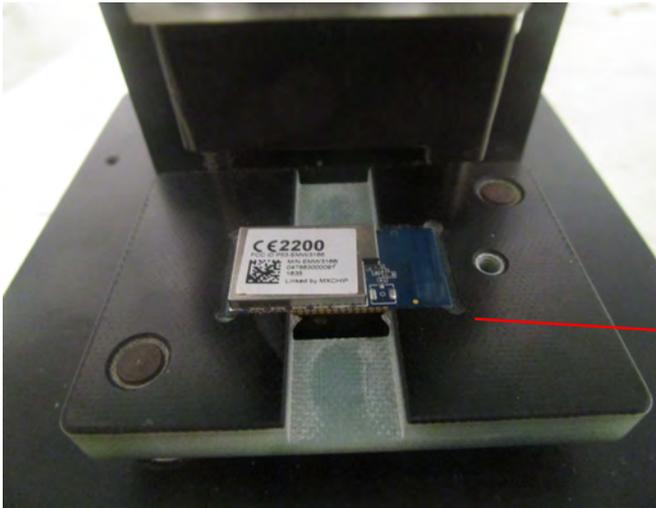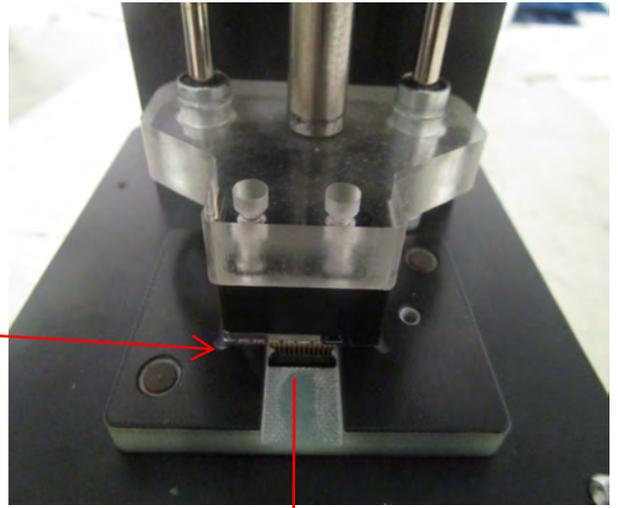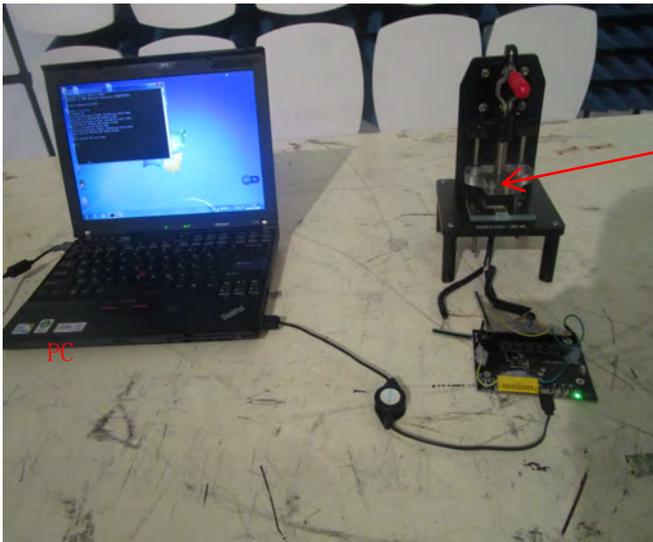

RE Above 1GHz

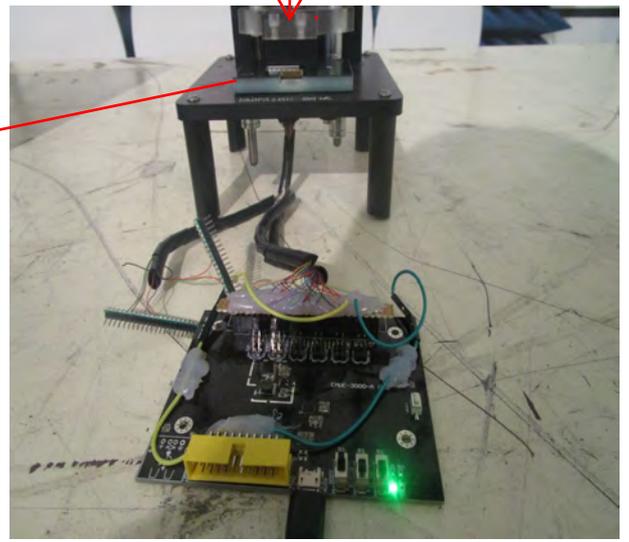**RF Test**
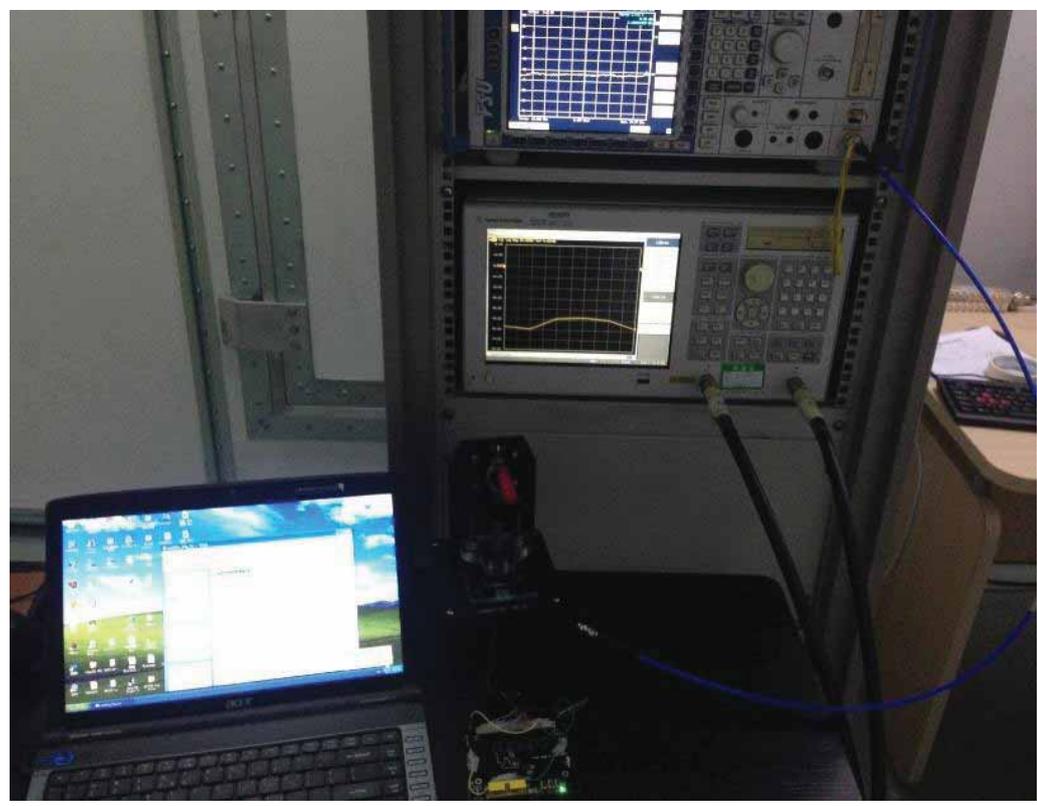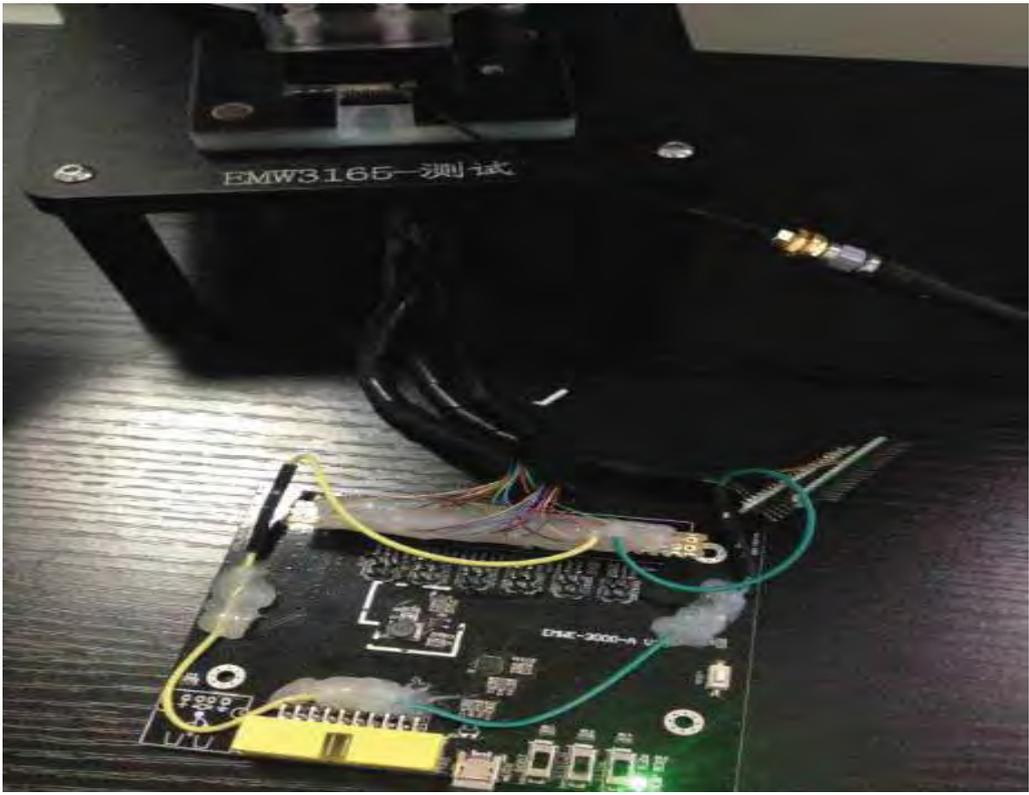
EUT Setup with auxiliary Equipment

Place the module on the fixture.

Press down the handle.

Connected to the PC by mini USB Cable.

EMWE-3166-A V1.0 Development board

Note:The fixture is make by plastic, the metallic column is used for fix,don not connect or touch with the Modular.

1.Auxiliary Equipment Setup description

Table 1 Test Auxiliary Equipment List

Auxiliary Equipment	Quantity
PC	1（pcs）
Fixture	1（pcs）
EMWE-3166-A V1.0 Development Board	1（pcs）

Application software and firmware:

FT230XS (drivers on PC), download link:

http://www.ftdichip.com/Drivers/VCP.htm

Programming firmware should be confirmed by both MXCHIP FAE and guests. Its size is 512kbytes.

The set of the three toggle switches on EMWE-3166-A V1.0 development board:

Development Board Switch Settings

2.Collection

Connect the fixture to the EMWE-3166-A V1.0 development board by the pin header. Connect the EMWE-3166-A V1.0 development board to PC by USB Mini cable.

Green led lights if connected.

3.Module testing
Place the module on the fixture.
Press down the handle.