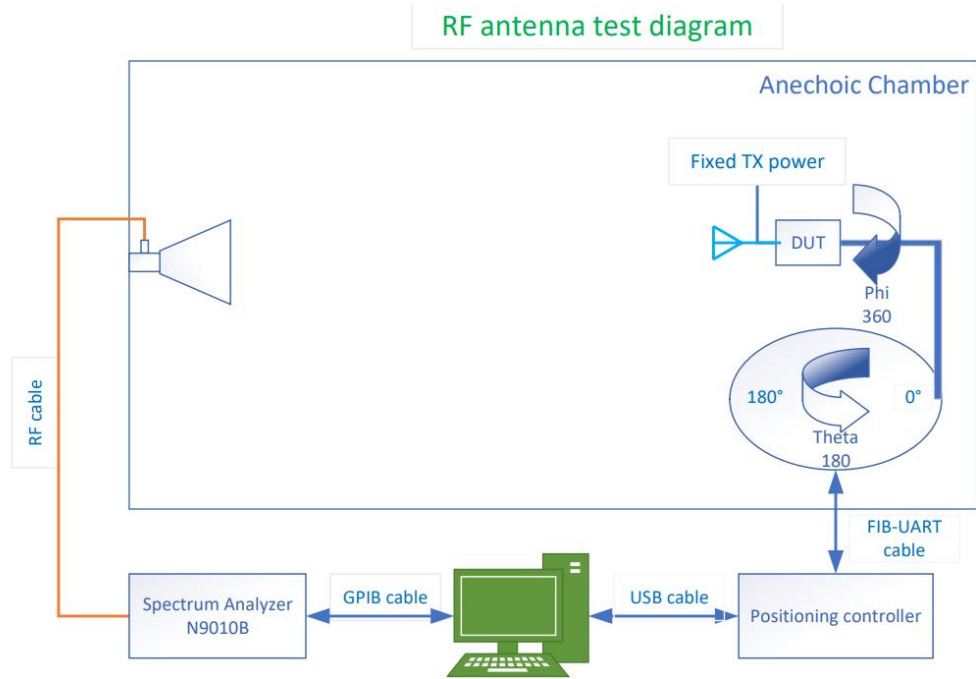
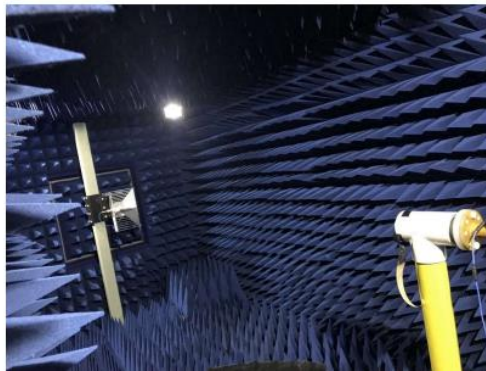


Antenna test environment and procedure:

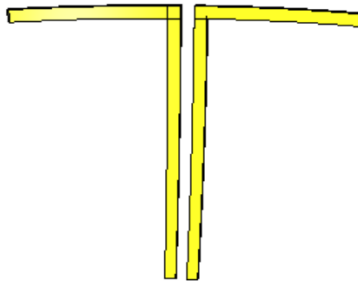


Test Block diagram



OTA Anechoic Chamber and Its control equipment

Antenna model:



Dipole antenna

Antenna gain:

The gain of horn antenna is tested, the Gain of antenna is calculated by comparing with tested horn antenna.

RF and antenna specification sheet

Frequency Range 频率范围: 2400MHz – 2483.5MHz	DATA Rate 传输速率: Zigbee:250kbps MAX Bluetooth :2Mbps MAX
Channel No. 频道数: Zigbee: 16 channels (2405MHz~2480MHz) Bluetooth: 40 channels (2402MHz-2480MHz, Channel spacing: 2MHz)	Modulation type 调制方式: Zigbee: 16-ary orthogonal modulation, O- QPSK PHY Bluetooth: GFSK PHY
Max. Output Power 最大输出功率: +10dBm (Chip max RF output power)	Operating Temperature 工作温度: -40 -- +125 °C ambient
Antenna Gain 天线增益: 2.46dBi(peak)	Antenna Brand & Model 天线商标&型号: Dipole antenna
Antenna pattern: Antenna on housing	

Antenna pattern:

