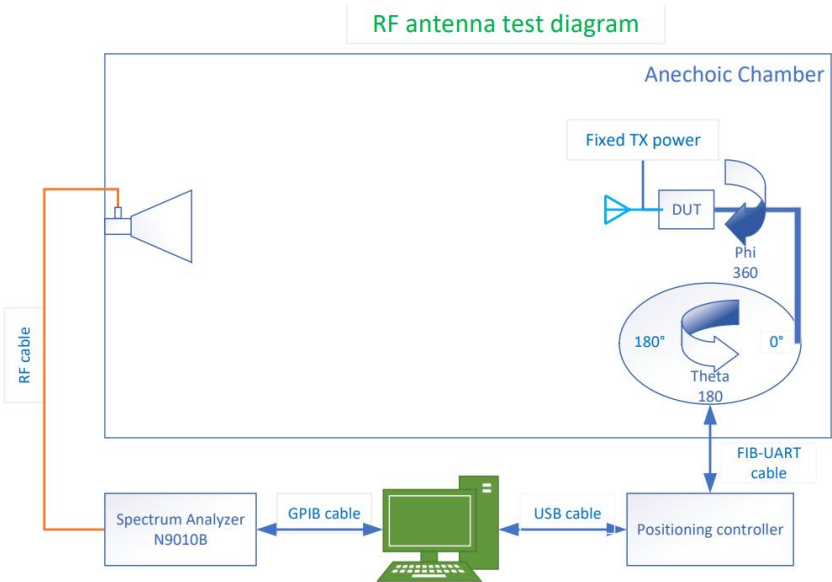
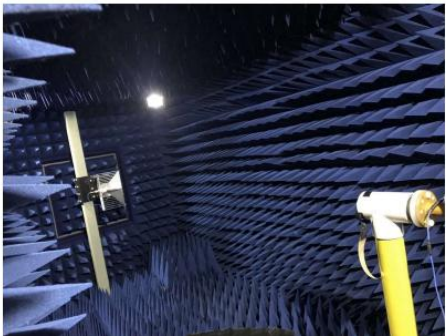


1. Antenna test environment and procedure

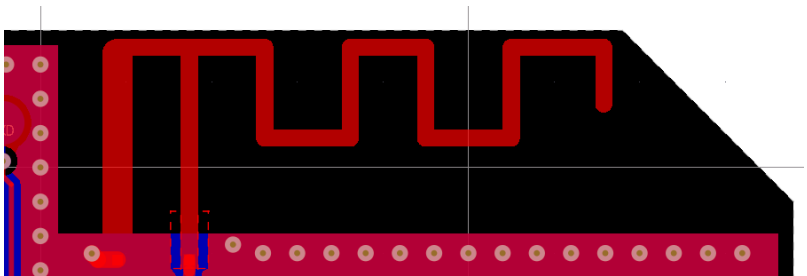


Test Block diagram



OTA Anechoic Chamber and Its control equipment

2. Antenna model



PIFA antenna

3. Antenna gain

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

4. RF and antenna specification sheet

Frequency Range 频率范围: 2400MHz – 2483.5MHz	DATA Rate 传输速率 IEEE802.15.4: 250kbps Bluetooth 5.1: 1Mbps, 2Mbps, 500kbps,125kbps
Channel No. 频道数: IEEE802.15.4: 11 channels Bluetooth: 40 channels	Modulation type 调制方式: IEEE802.15.4: 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: -20 -- +40 °C ambient
Antenna Gain 天线增益: 2.25dBi(peak)	Antenna Brand & Model 天线商标&型号: PIFA antenna

2D

