

Antenna Gain Patterns

Antenna Details

Antenna Type : LAP

Frequency Bands Supported : BT / BLE (2.4 - 2.485 GHz)

Antenna Manufacturer and Type

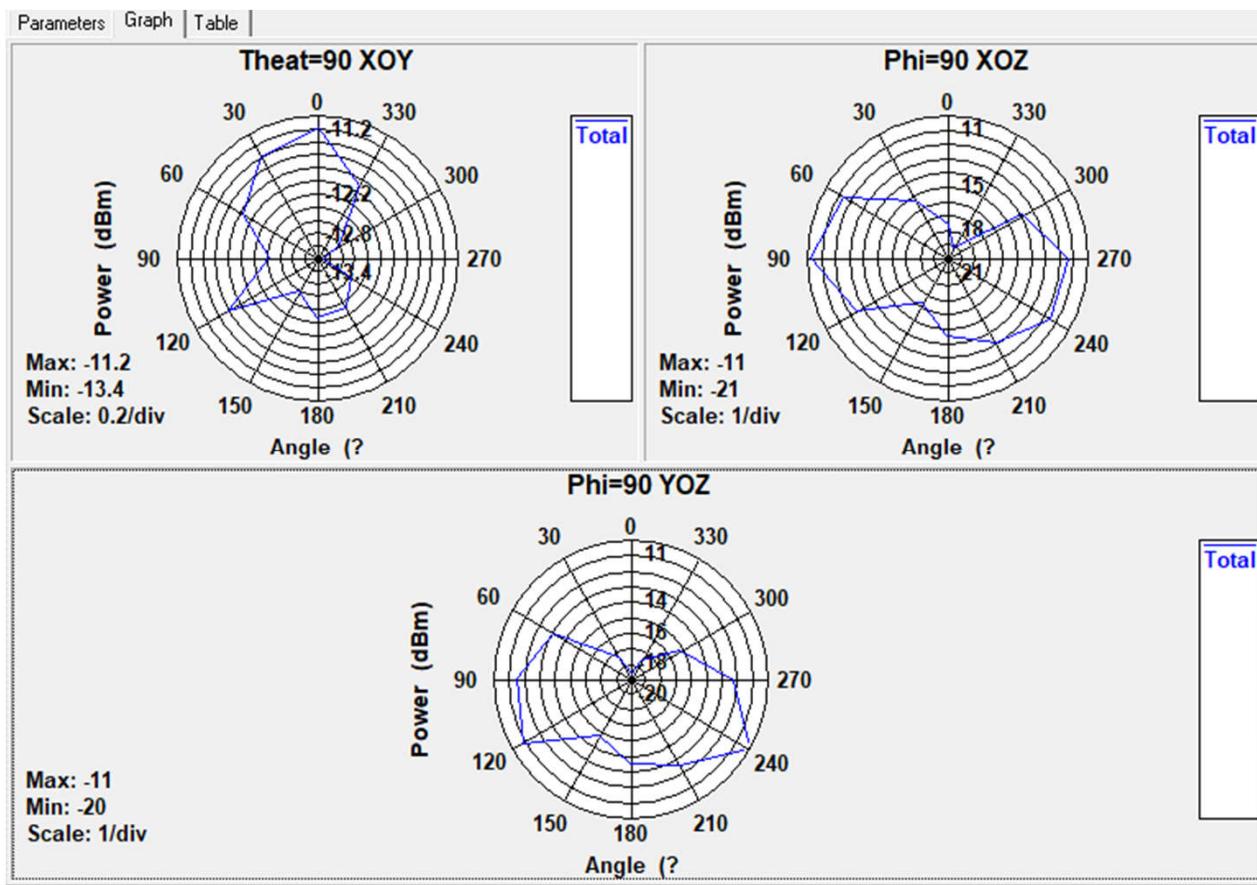
Type	Manufactuer
303000450819	TK Group (Holdings) Limited
303000452058	Shenzhen Top-link Technologies Co., Ltd.

Bluetooth Antenna Efficiency and Peak Gain

Peak ANT Gain : -5.3 dBi

Frequency(M Hz)	Efficiency (dB)	Gain (dBi)
2400	-8.7	-5.8
2440	-8	-5.4
2480	-7.9	-5.3

F = 2.44 GHz (Bluetooth ANT)



Antenna Manufacture

1 TK GROUP INTERNATIONAL (HONG KONG) LIMITED

Address: South Gate of TK Technology Industrial Park, No.11 Huiye Road,
Guangming High-Tech Industrial Park, Guangming District, Shenzhen City
2 Shenzhen Top-link Technologies Co., Ltd.

Address: No.11, Furui Road, Fuhai Street, Baoan, Shenzhen, China

Antenna test equipment

Vector network analyzer Keysight E5071C

Microwave chamber ETS 8923

Calibration date:2024/11/10

Due date:2025/11/10

Antenna test software

EMQuest™

Antenna pattern

LAP antenna

Test Dates	Nov-2024
Test Engineer	Phi Xu