

ANTENNA REPORT

Antenna Manufacture:

Dongguan UB Electronic Co.,Ltd (UANT)

Room 101, Building 2, No. 9 Xinfu Road, Tangxia Town, Dongguan City,

Guangdong Province

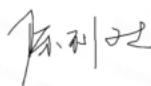
Product Name: TPP06 Antenna

Antenna Type: IPEX

Test Date: 2024.05.11

Tested by: Liu Jun

Approved by: Lihuan Chen



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1.General Description

End Product Manufacturer	Zhejiang Lingzhu Technology CO., Ltd.
End Product Manufacturer Address	Room 302, No 1 Building Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China
Test Location	Room 106, Building 3, Letong Science Park, No. 500, Qiuyi Road, Binjiang District, Hangzhou
Product Name	TPP06 Antenna
End Product model	TPP06
Antenna Type	IPEX Antenna
Wi-Fi Antenna Model/supplier/PK Gain	UB01NP2D1457A / (UANT) / 3,24 dbi@2.4G
BLE Antenna Model/supplier/PK Gain	Same as Wi-Fi
Zigbee Antenna Model/supplier/PK Gain	NA
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-2500MHz
Test Standard	ANSI/IEEE Std 149-1979

2.Test Configurations

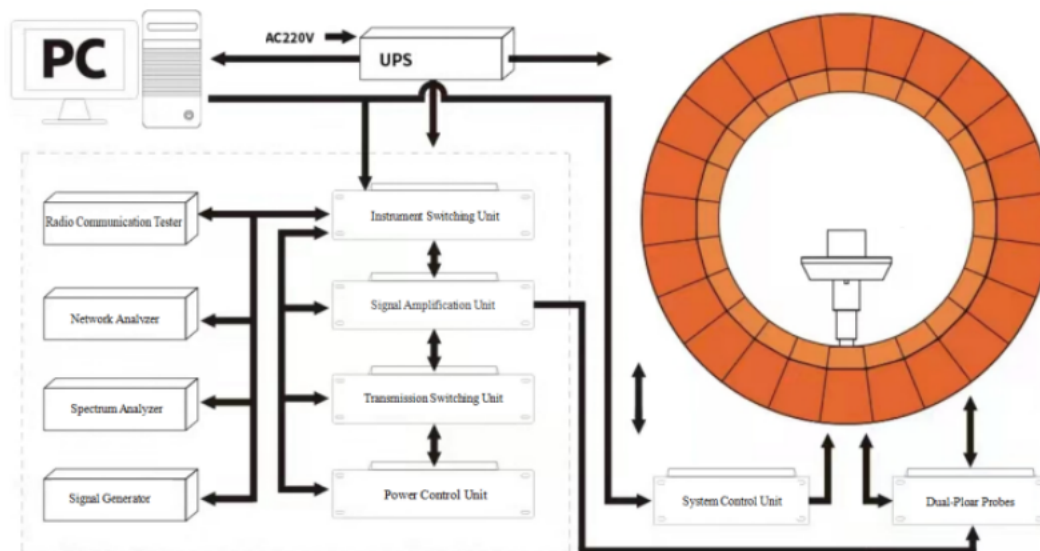
2.1 Test Environment

Temperature (°C)	25.4
Humidity (%RH)	54
Atmospheric Pressure (kPa)	100.3

2.2 Test Equipment

Test System	TEM 24 Multi-probe Microwave Chamber
Test Instrument	Agilent E5071B
Calibration Validity	2024-11-20
Test Software	Passive Test 
Software Version	V2.7.0

2.3 Test Principle



3.Test Results

3.1 Gain and Efficiency

Antenna @ 2.4G

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	61.80	2.88
2410	60.81	2.89
2420	60.95	3.06
2430	60.81	3.08
2440	61.52	3.23
2450	62.23	3.24
2460	59.98	3.01
2470	59.57	2.98
2480	59.02	2.46
2490	60.53	2.9
2500	59.16	2.84

3.2 Radiation Pattern

