

# Data Sheet

**CUSTOMER:** PEGATRON

**Product description:** WAP571E 2G-1 PIFA ANT

**MODEL NAME:** WAP571E

**ACON P/N:** AGM8P-100000



B2, No. 207, Sec.3, Beixin Rd., Xindian  
Dist.,New Taipei City 231, Taiwan, R.O.C  
TEL : 886-2-8913-1939  
FAX : 886-2-8913-2538  
Http : //www.acon.com

## 1 Specification

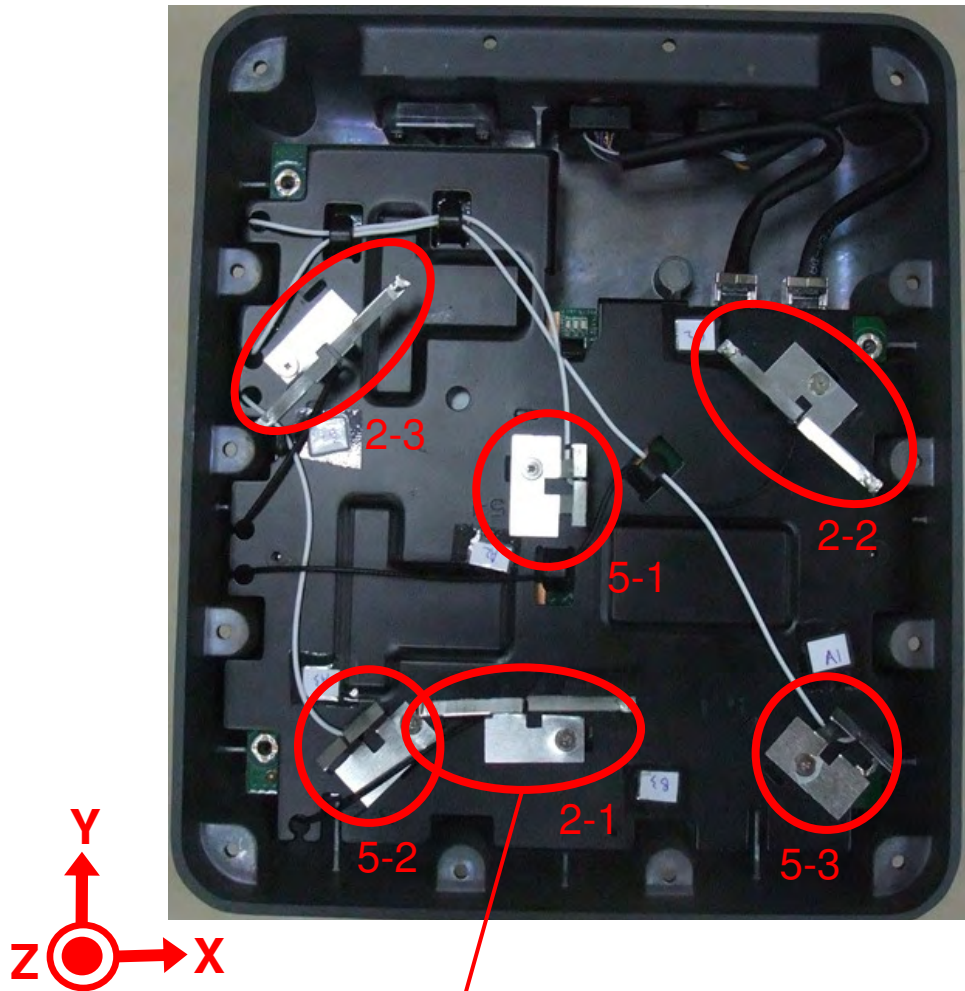
### 1.1 Electrical Properties

- 1.1.1 Frequency Range-----2.4GHz ~ 2.5GHz
- 1.1.2 Impedance----- 50Ω
- 1.1.3 VSWR----- 2:1
- 1.1.4 Return Loss----- 10dB or Less (In caes)
- 1.1.5 Peak Gain----- 2.4 dbi
- 1.1.6 Admitted Power----- 1W
- 1.1.7 Cable----- Ø1.37 L/L
- 1.1.8 Antenna Type----- Metal Type

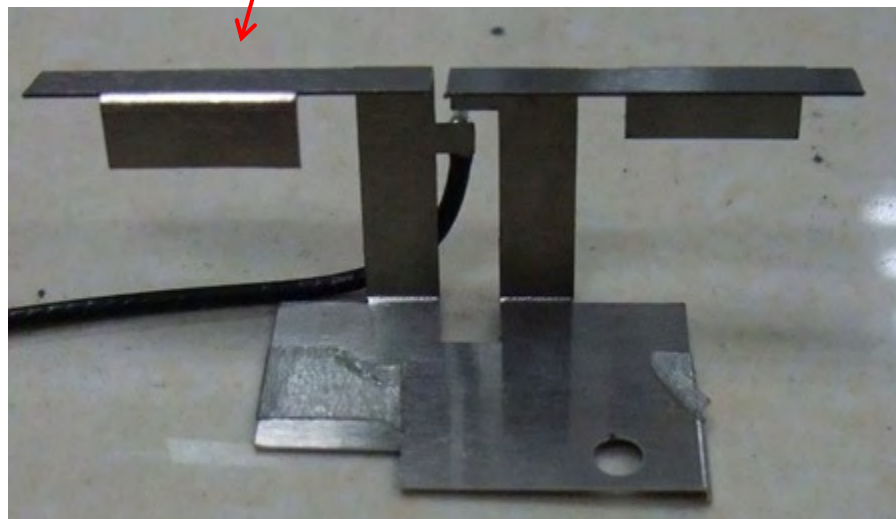
### 1.2 Physical Properties

- 1.2.1 Antenna Body----- sus430
- 1.2.2 Operating Temp----- -10°C ~+60°C
- 1.2.3 Storage Temp----- -10°C ~+70°C

### 1.3 Antenna Pictures

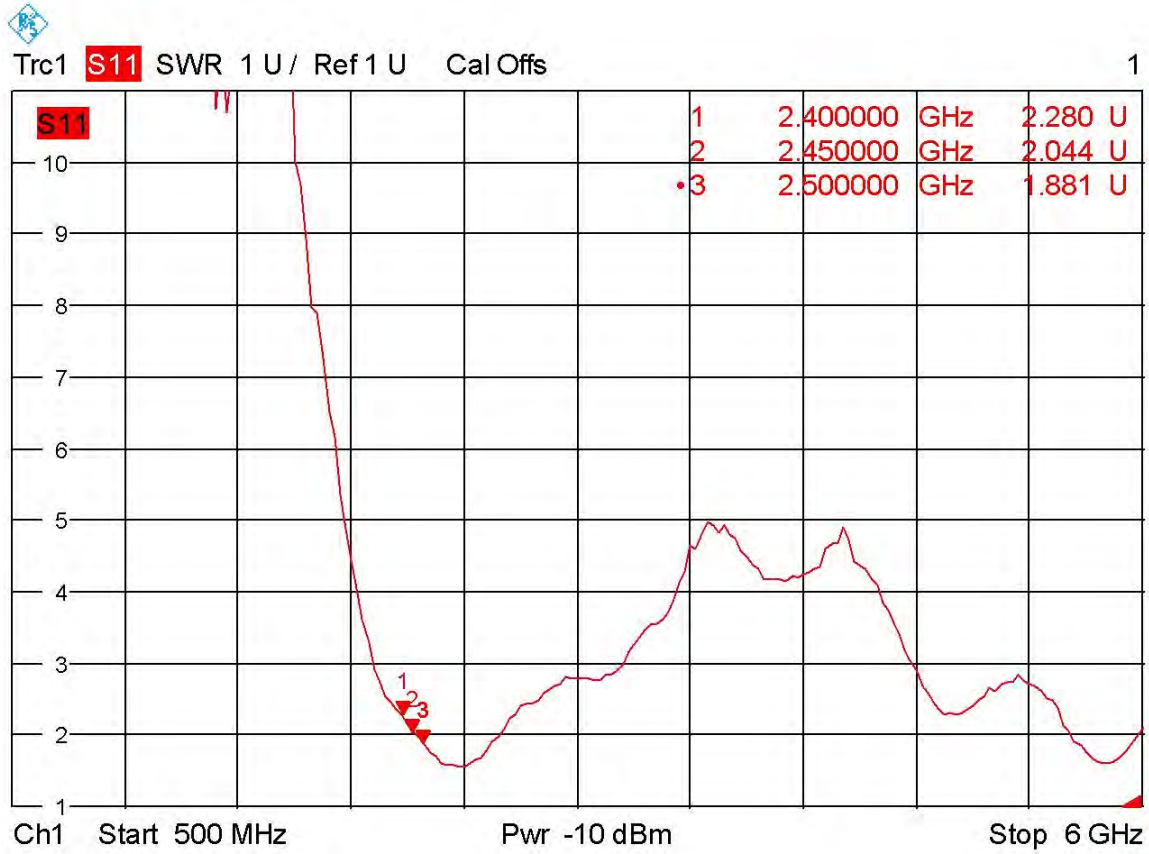


Antenna P/N: AGM8P-100000



## 2. Performance Data

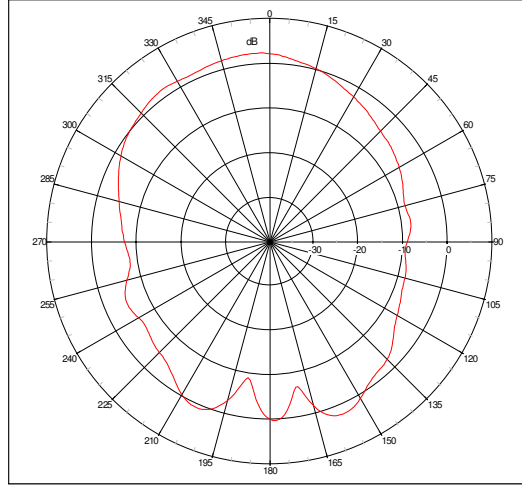
### 2.1 2-1 VSWR(without case)



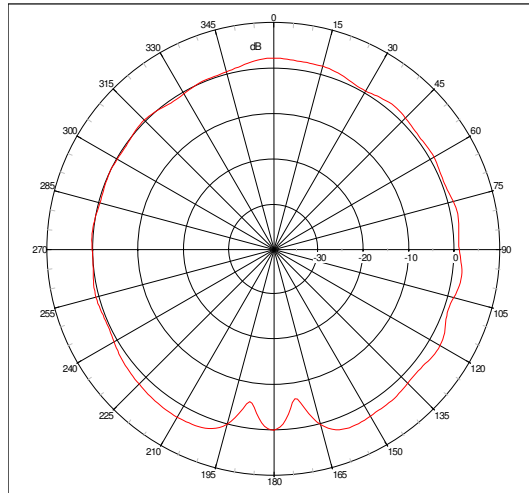
Date: 5.AUG.2015 11:05:27

## 2.2 Radiation pattern & Gain

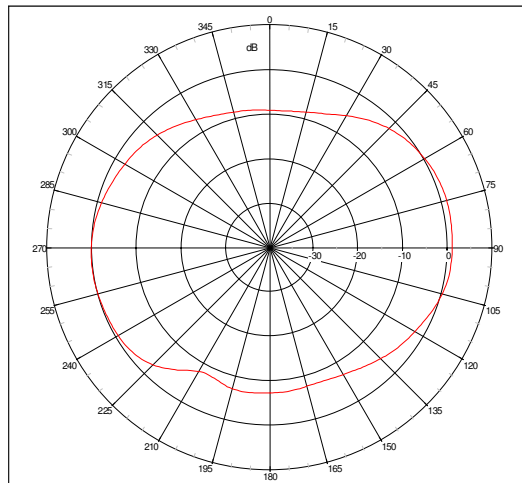
X-Z Plane



Y-Z Plane



X-Y Plane



**Antenna Gain Table: 2-1(2.4GHZ)**

Freq.(MHz)	Eff (%)	Peak Gain (dBi)
2400	77	2.4
2450	78	2.4
2500	76	2.2

### 3. Mechanical Specification

#### 3.1 Assembly Drawing

