

# Data Sheet

**CUSTOMER:** PEGATRON

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

**MODEL NAME:** WAP571E

**ACON P/N:** AGM8P-100001



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## 1 Specification

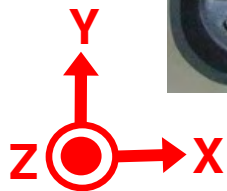
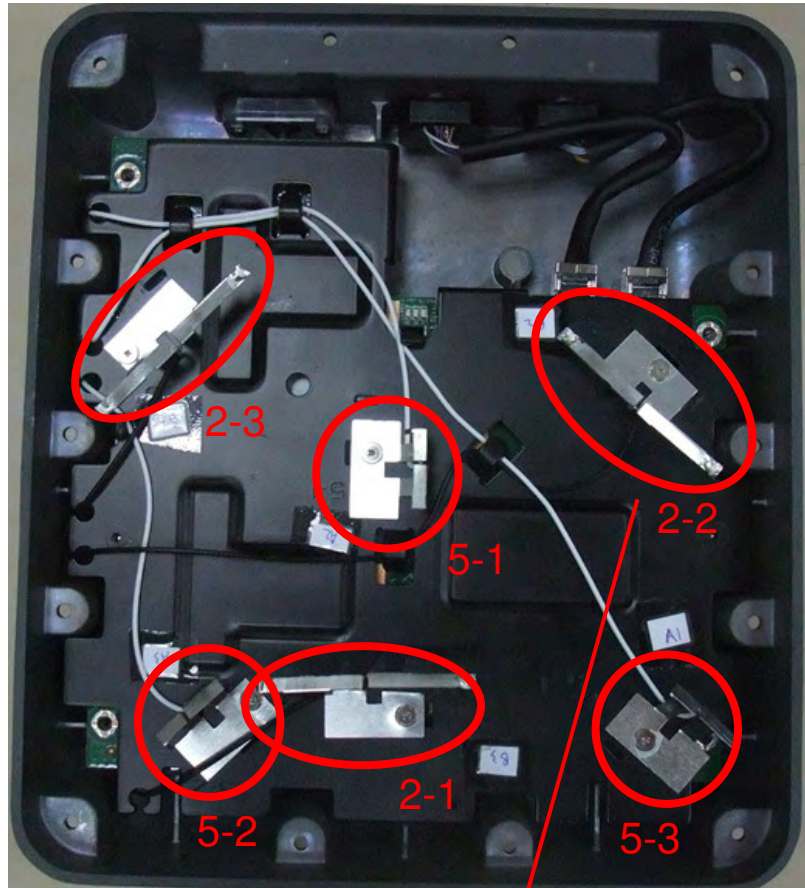
### 1.1 Electrical Properties

- 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 case)
- 1.1.5 Peak Gain----- 2 dbi
- 1.1.6 Admitted Power----- 1W
- 1.1.7 Cable----- Ø1.37 L/L
- 1.1.8 Antenna Type----- Metal Type

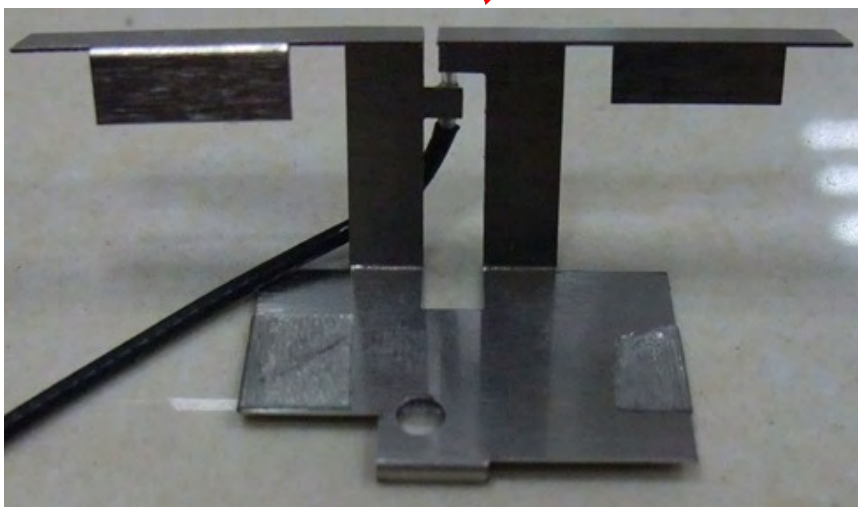
### 1.2 Physical Properties

- 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-100001



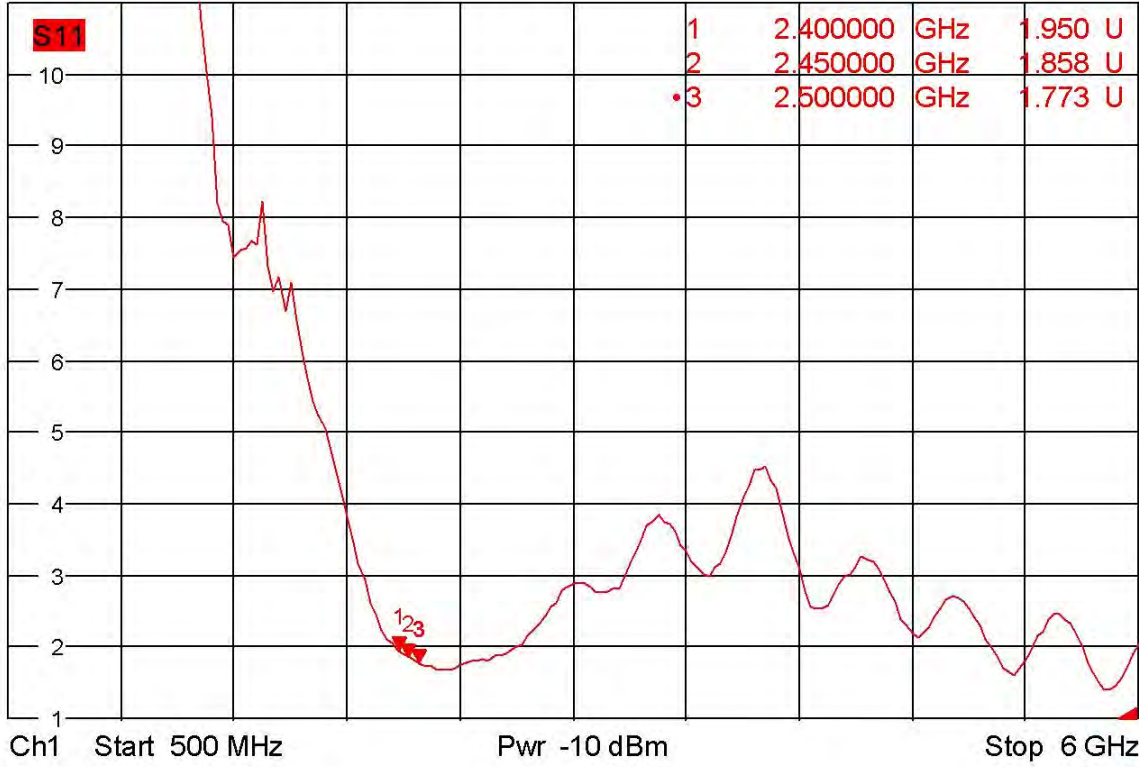
## 2. Performance Data

### 2.1 2-2 VSWR



Trc1 **S11** SWR 1 U / Ref 1 U Cal Offs

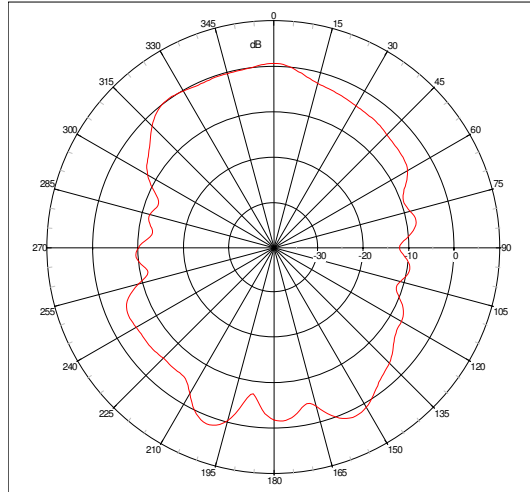
1



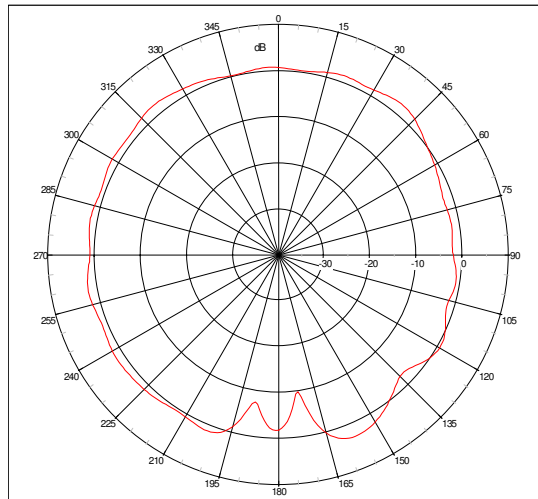
Date: 5.AUG.2015 11:03:18

## 2.2 Radiation pattern & Gain

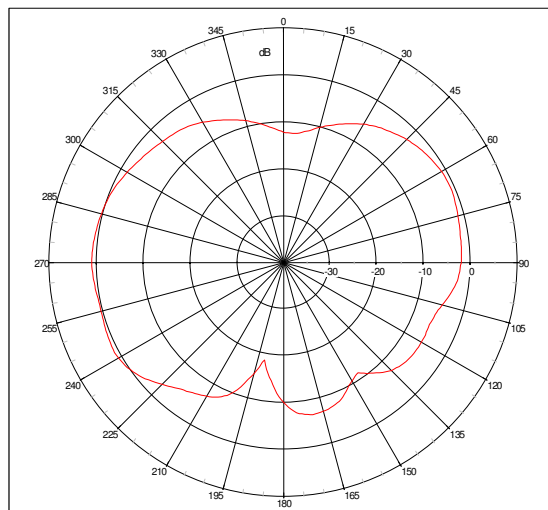
### X-Z Plane



### Y-Z Plane



### X-X Plane



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

Freq.(MHz)	Eff (%)	Peak Gain (dBi)
2400	74	2
2450	73	1.9
2500	70	1.4

### 3. Mechanical Specification

#### 3.1 Assembly Drawing

