

# Data Sheet

**CUSTOMER:** PEGATRON

**Product description:** WAP571E 5G-1 PIFA ANT

**MODEL NAME:** WAP571E

**ACON P/N:** AGM8P-100003

## 1 Specification

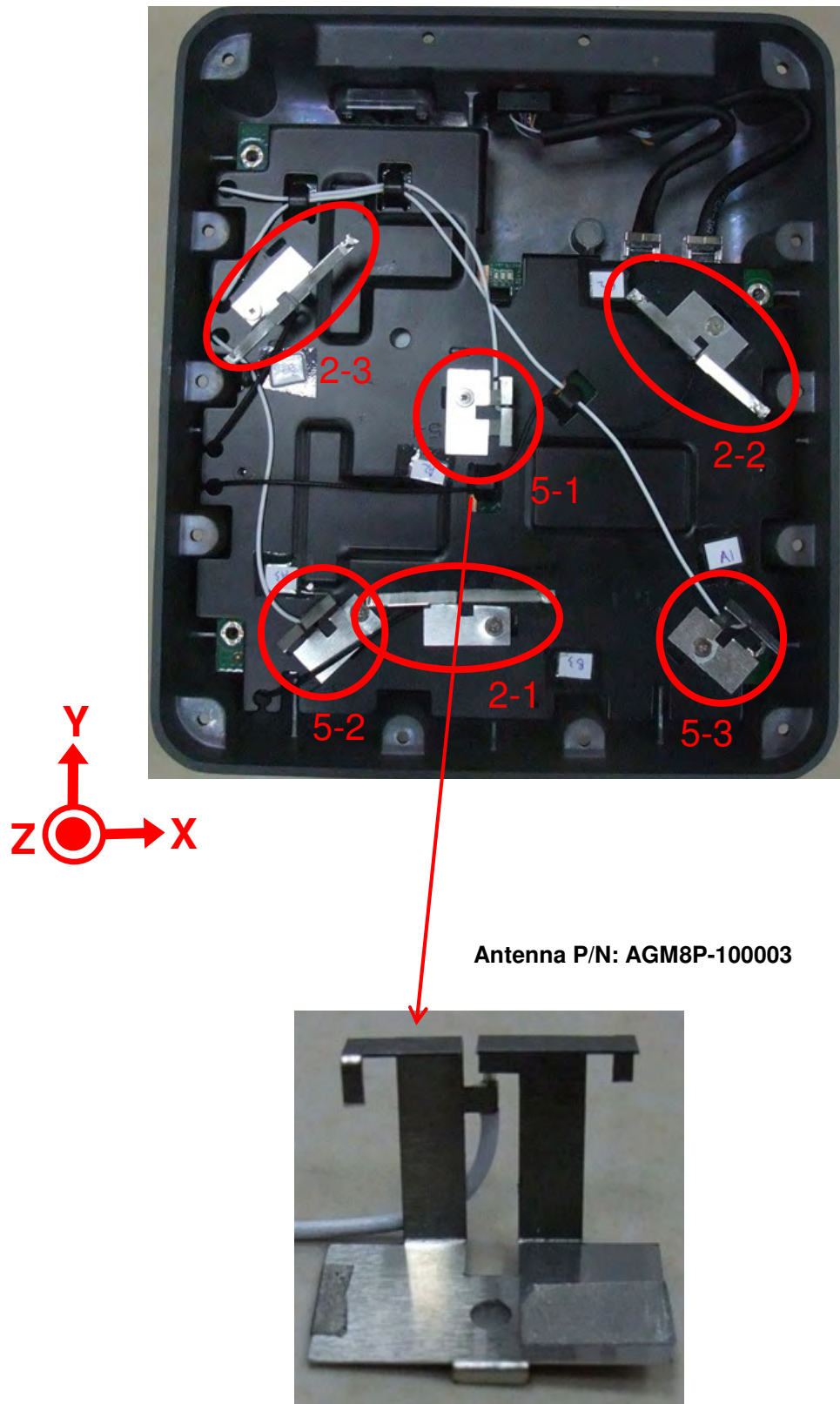
### 1.1 Electrical Properties

- 1.1.1 Frequency Range-----5.15GHZ~5.85GHZ
- 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----- 3.4 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

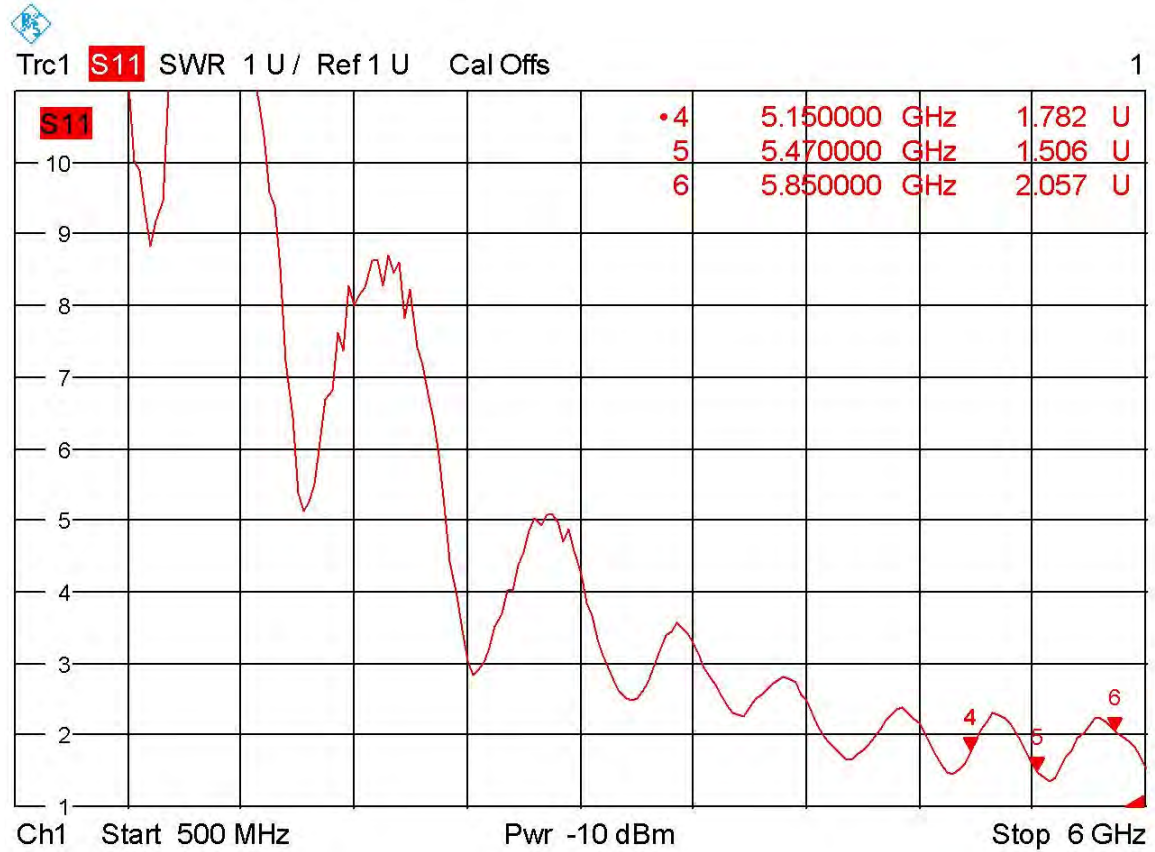
- 1.2.1 Antenna Body----- sus430
- 1.2.2 Operating Temp----- -10°C~+60°C
- 1.2.3 Storage Temp----- -10°C~+70°C

### 1.3 Antenna Pictures



## 2. Performance Data

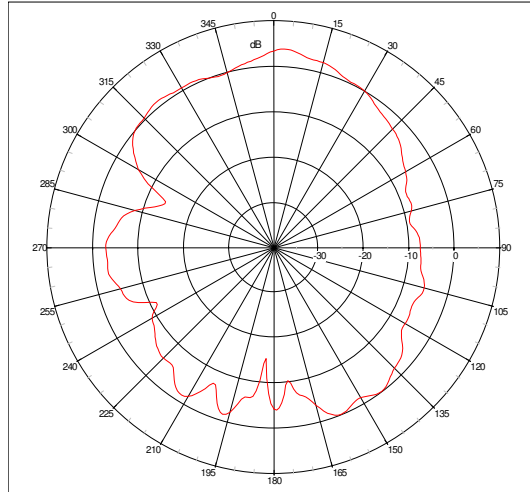
### 2.1 5-1 VSWR



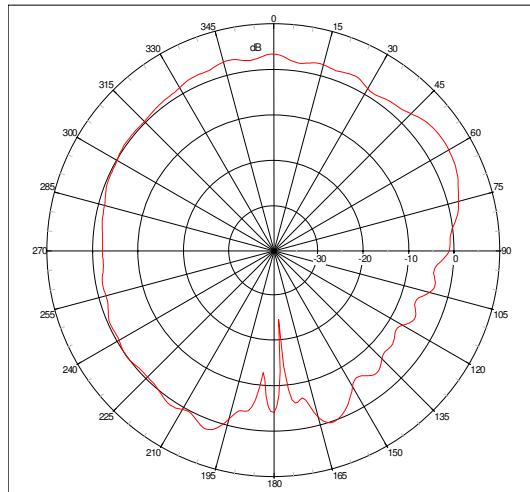
Date: 5.AUG.2015 11:07:29

## 2.2 Radiation pattern & Gain

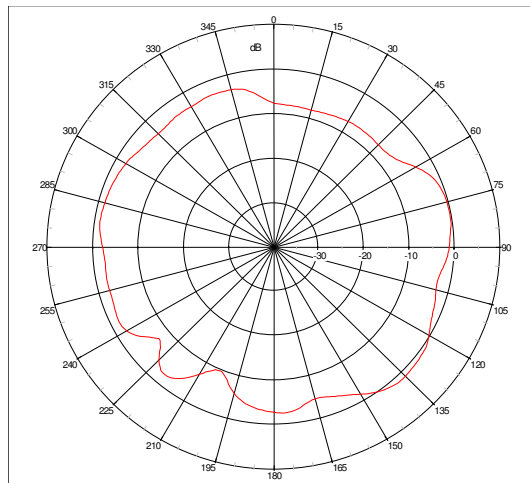
X-Z Plane



Y-Z Plane



X-Z Plane



**Antenna Gain Table: 5-1(5GHZ)**

Freq.(MHz)	Eff (%)	Peak Gain (dBi)
5150	72	3.1
5350	73	3.3
5470	74	3.4
5725	72	3.2
5850	71	3.4

## 3. Mechanical Specification

### 3.1 Assembly Drawing

