



Specification

SPECIFICATION

- Part No. : **GW-433-5-H-SMAM**
- Product Name : 433MHz Band 5dBi Hinge SMA Male Dipole
- Features : High Gain
Design for robust handling
Hinge design for optimal reception
ROHS Compliant

Photo :



REVISION STATUS

Version	Date	Page	Revision Description	Prepared	Approved
01	Mar 12 th 2008	All	New product	TW Product Centre	Zita Lin



Specification

1.0 Introduction

The GW-433 series are high performance 433MHz omni-directional antennas. The GW-433-5-H-SMAM SMA plug mount antenna is ideal for general purpose used. The hinge design enables the antenna to position at optimal reception angle. With its 5dBi gain, this antenna can handle long range constant reception and transmission.

2.0 Key Antenna Performance Indicators

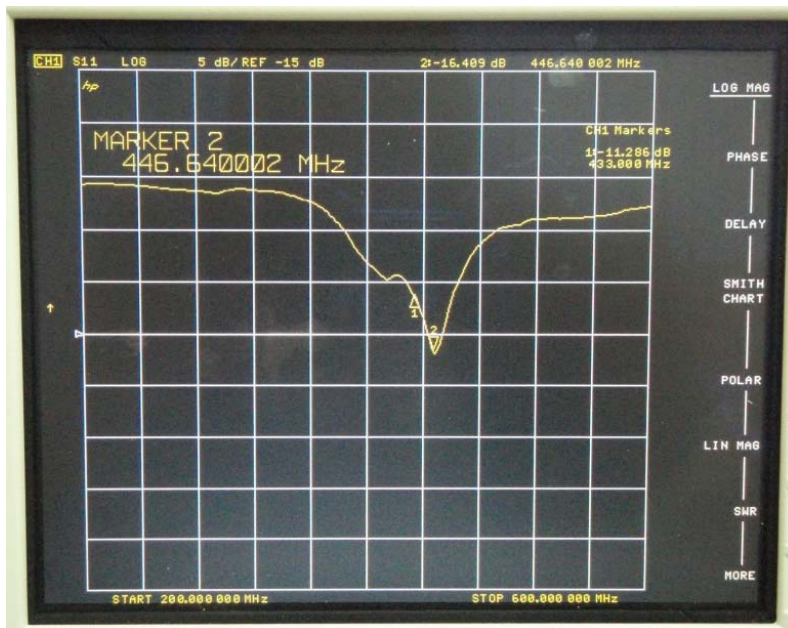
Communication System	ISM/ Industrial Applications/ RFID
Frequency	433 MHz
Gain	5dBi
Impedance	50 Ohm
Radiation Pattern	Omni-directional
Polarization	Linear (Vertical)
VSWR	≤ 1.5
Housing	TPE
Housing	Hinged 90 SMA male plug
Operation Temperature	- 40°C to + 85°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	40% to 95%



Specification

3.0 Antenna Electrical Characteristics

Return Loss



Return loss is -10.3dB at 433MHz. Peak is -20.2dB at 446.6MHz

Smith Chart

