

# Keepo Technology Co., Ltd

F1,NO. 286,Si'lian Road,Henggang Street,Longgang District,Shenzhen,Guangdong,China

[www.antennabest.com](http://www.antennabest.com)

Product Name	Waterproof 868MHz Antenna	Model No.	KP-868WP3
--------------	---------------------------	-----------	-----------

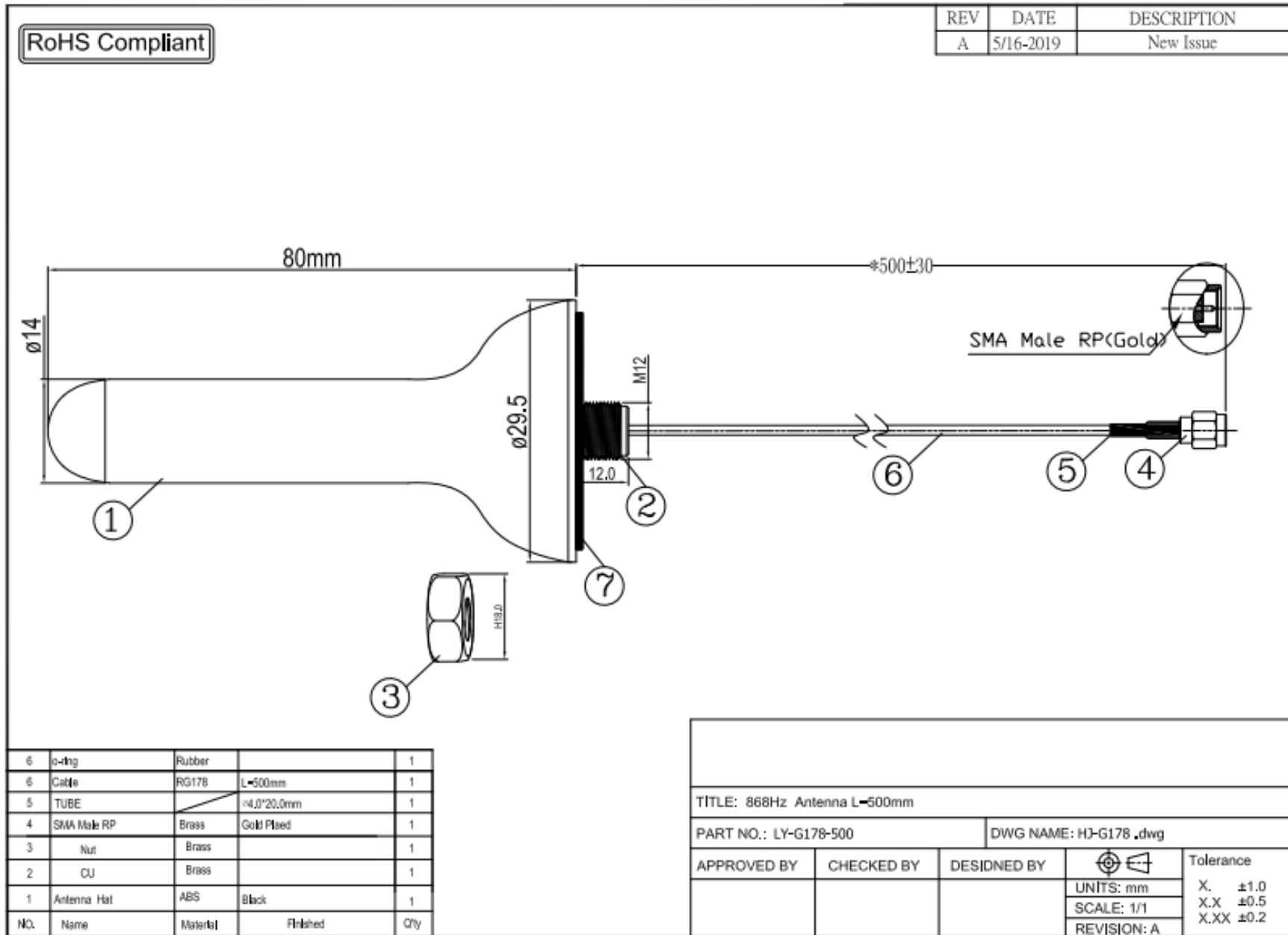
- ✓ All-weather antenna KP-868WP3 - a unique manufacturing technology allows continuous operation in various climatic conditions at temperatures from -40 °C to + 65 °C
- ✓ Metal parts are made of brass, providing high resistance to corrosion.
- ✓ The special high-frequency cable has a silver-plated central conductor and a silver-plated copper braid for receiving / transmitting a more powerful signal and ultra-low attenuation of the radio signal.

# Specification

## Contents

1. Drawing	1
2. Specification	2
3. Test Report	
3.1 S Parameter Test	3
3.2 Gain Test	4

# 1. Drawing

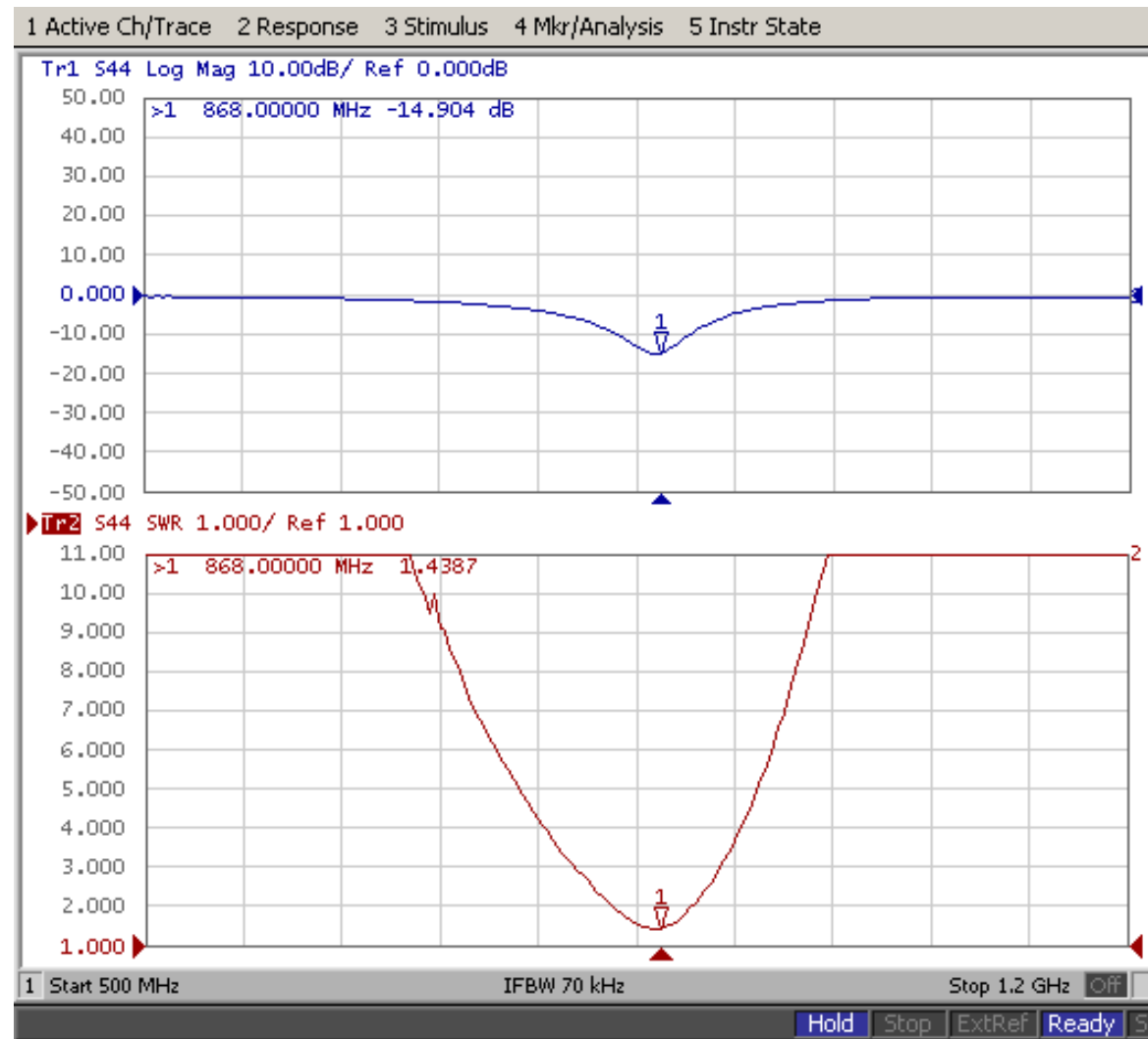


## 2. Specification

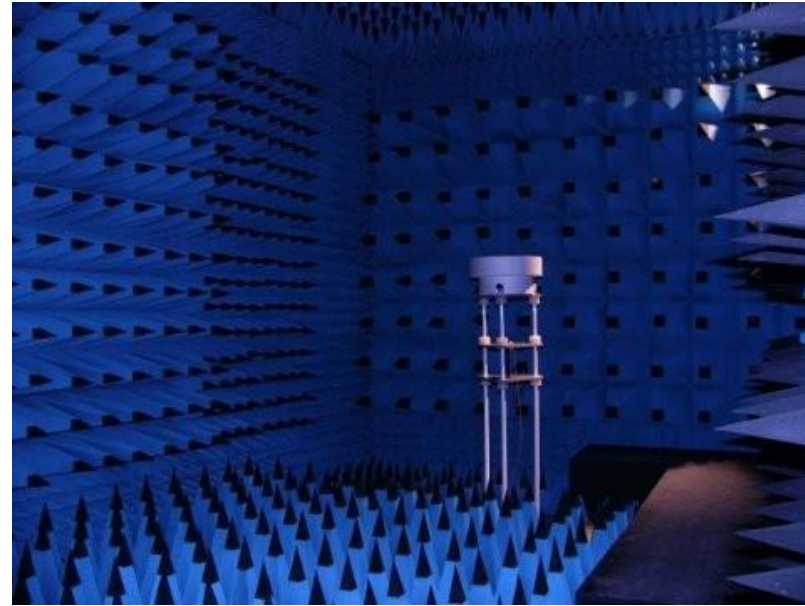
Electrical Characteristics	
Working Frequency ( MHz )	868 MHz
S. W. R	$\leq 1.8$
Impedance	50 ohm ( Nominal )
Gain ( dBi )	$3 \pm 0.5$ dBi
Polarization	Linear
Admitted Power ( W )	2 W
Cable Type	RG-178
Physical Characteristics	
Inner Material	Cu
Connector	SMA Male
Connector Material	Brass
Operating Temp.	$-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Storage Temp.	$-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$

# 3. Test Report

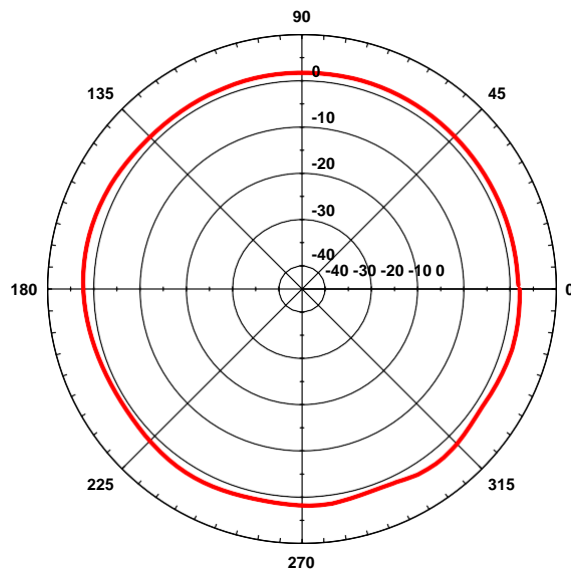
## 3.1 S Parameter Test



## 3.2 Gain Test



H - Plane



E - Plane

