

## SPECIFICATION FOR APPROVAL

**CUSTOMER/PROJECT** \_\_\_\_\_

**CUSTOMER P.N./** \_\_\_\_\_

**PRODUCT NAME./** Built in antenna

**MODEL NO./** 18A011A-11

**SPECIFICATION/** \_\_\_\_\_

VERSION	DATE	REVISION DESCRIPTION
T:A	2019/9/29	new
T:B	2020/10/16	Antenna nickel plating

SUPPLIER AUTHORIZED SIGNATURE/		
PREPARED	CHECKED	APPROVED

CUSTOMER AUTHORIZED SIGNATURE			
项目		质量	

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## 1 Noun interpretation

dB <sub>i</sub>	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
TRP	Total Radiated Power
TIS	Total Isotropic Sensitivity
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access

## 2 Test equipment

Vector network analyzer  
Comprehensive test instrument  
SATIMO darkroom

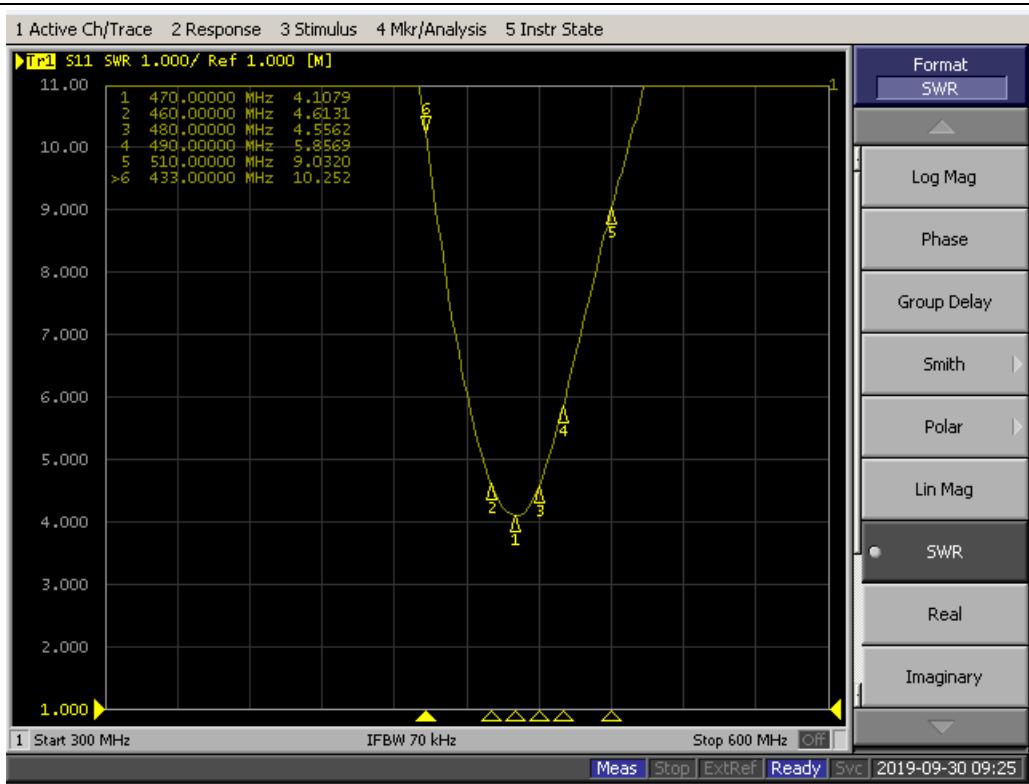
## 3 Applicable frequency band

Frequency	Up	Down
470M	470M	470M

## 4 Test indicators and data charts

### 4.1 Standing wave ratio diagram

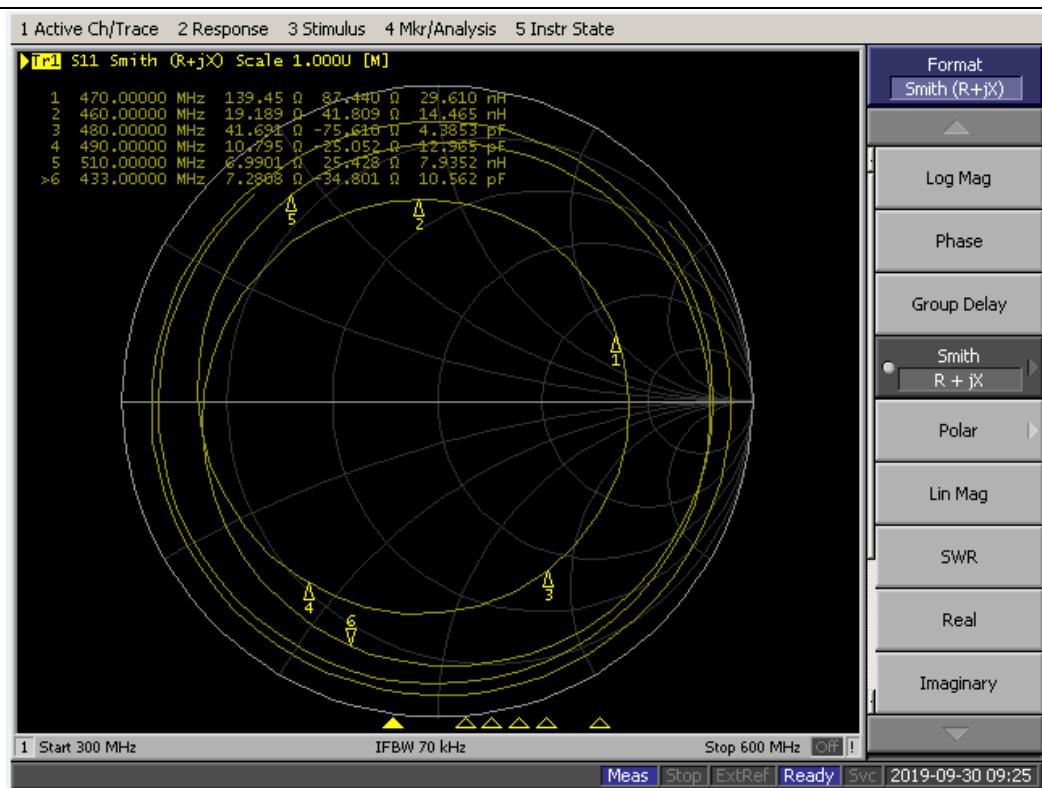
#### 4.1.1 Standing wave ratio diagram



#### 4.1.2 Standing wave ratio data

Freq/MHz	<b>470</b>
VSWR	<b>4.1</b>

#### 4.2 Smith impedance circle



## 5 suggestions on environmental treatment

The environment needs no treatment

## 6 impedance matching requirements

*Impedance does not need to be processed*

## 7 Antenna outline drawing

