

**OUTSIDE UHF BASE ANTENNA**  
**MODEL: MUA-100**



**SPECIFICATION**

**一. ELECTRONICAL:**

- 1. ANTENNA TYPE 天線型式: Base Antenna**
- 2. FREQUENCY 頻率: 405~512MHz**
- 3. IMPEDANCE 阻抗: 50 Ohm**
- 4. POLARISATION 極: Verticle**
- 5. SWR: 2.0:1**
- 6. MAX.POWER 最大功率: 50W**

## 二. MECHANICAL:

1. MATERIALS 材質: Fiber

2. COLOR 顏色: White


3. TOTAL HEIGHT 總長度: 910m/m ±10

4. WEIGHT 重量:

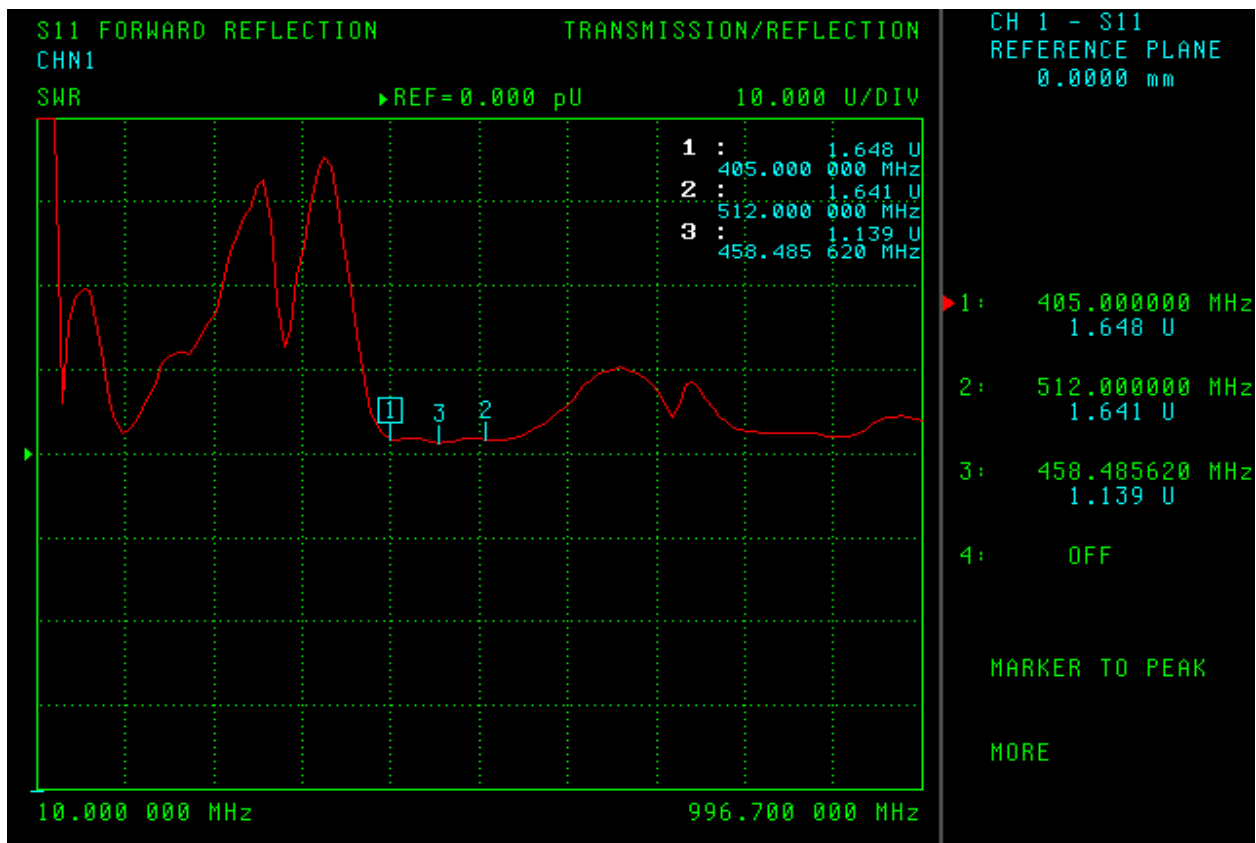
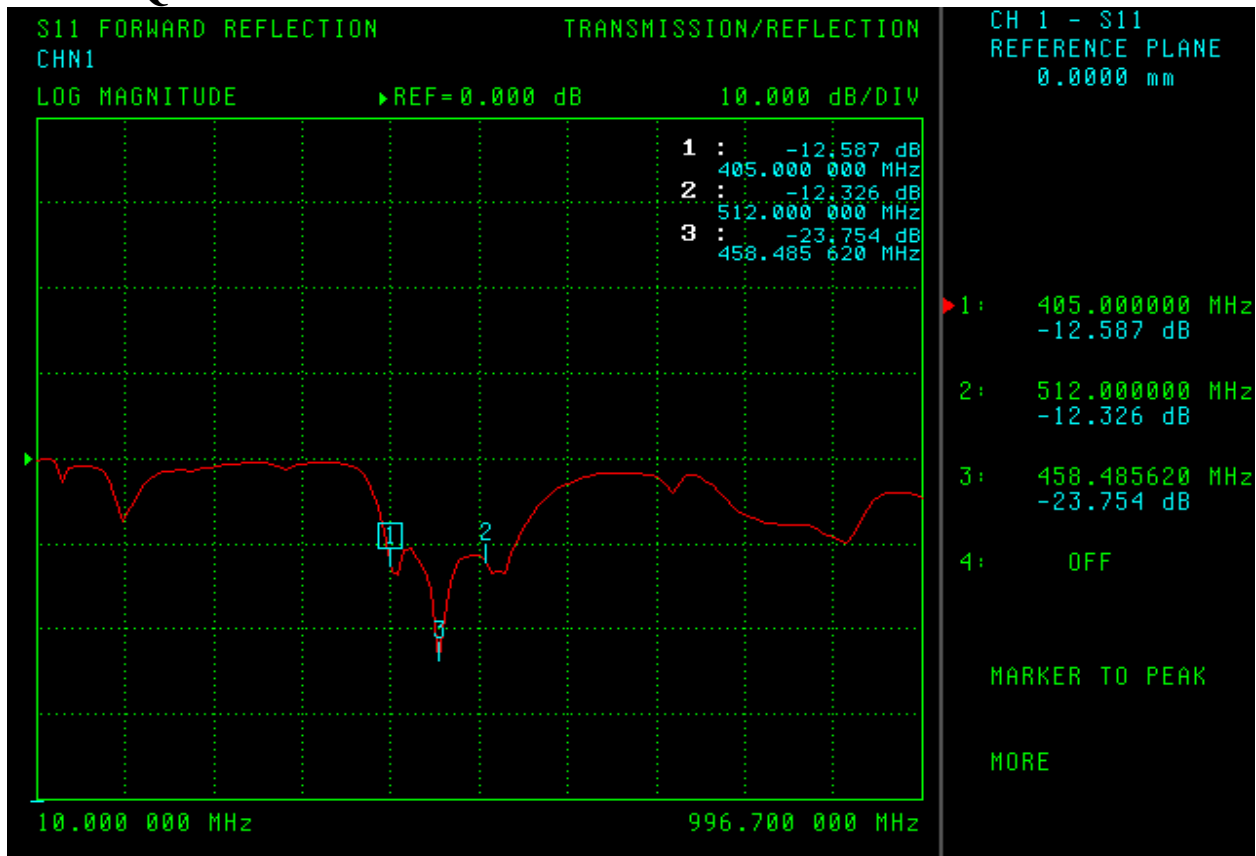
### 1. APPEARANCE:

NO.	NAME	Q.	TY
01	Body	01	
02	Cap	01	
03	Stay ring(Stainless steel)	01	
04	Round iron washer(Stainless steel)	01	
05	Hexagonal nut(Stainless steel)	01	
06	Clip retaining	02	
07	U-Circlip(Stainless steel)	02	
08	Hexagonal nut(Stainless steel)	02	
09	Round iron washer(Stainless steel)	04	
10	Hexagonal nut(Stainless steel)	04	
11	PL259(Female)	01	

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					405-512MHz	M/M		20110331
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\nabla}$	APPEARANCE					

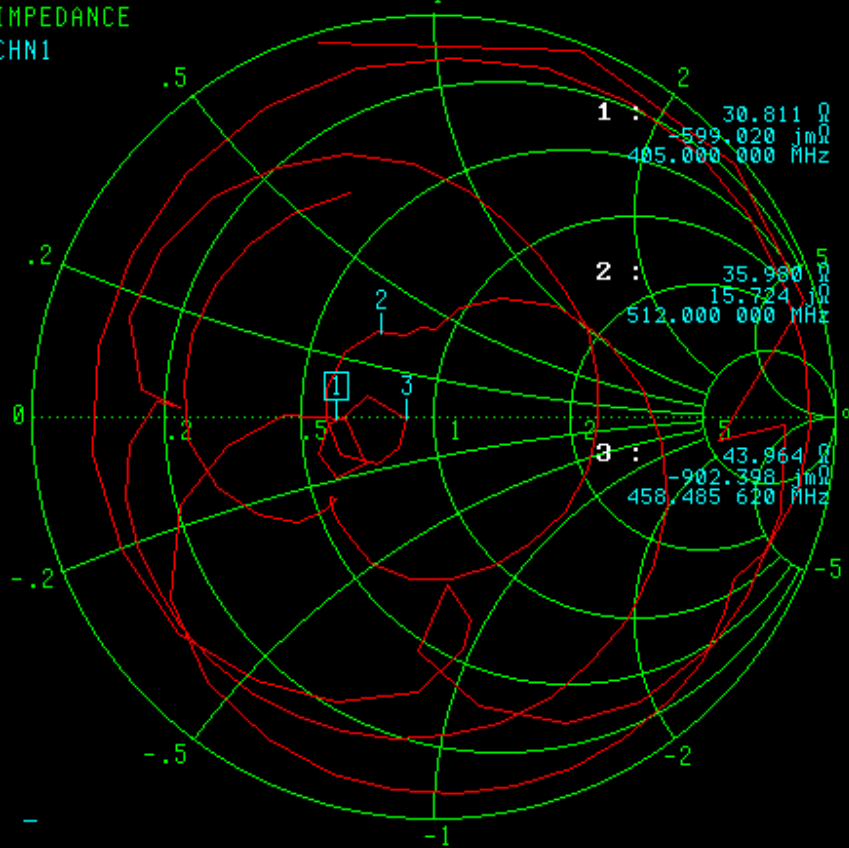
## 2. FREQUENCY:



S11 FORWARD REFLECTION  
IMPEDANCE  
CHN1

TRANS/REFL

CH 1 - S11  
REFERENCE PLANE  
0.0000 mm



1 : 30.811  $\Omega$   
-599.020  $j\Omega$   
405.000 000 MHz

2 : 35.980  $\Omega$   
15.724  $j\Omega$   
512.000 000 MHz

3 : 43.964  $\Omega$   
-902.398  $j\Omega$   
458.485 620 MHz

- 1: 405.000000 MHz  
30.811  $\Omega$   
-599.020  $j\Omega$
- 2: 512.000000 MHz  
35.980  $\Omega$   
15.724  $j\Omega$
- 3: 458.485620 MHz  
43.964  $\Omega$   
-902.398  $j\Omega$
- 4: OFF

MARKER TO PEAK

MORE

10.000 000 MHz - 996.700 000 MHz