

# OUTSIDE UHF DVBT BASE ANTENNA

**MODEL: MUA-300**



## **SPECIFICATION**

### **一. ELECTRONICAL:**

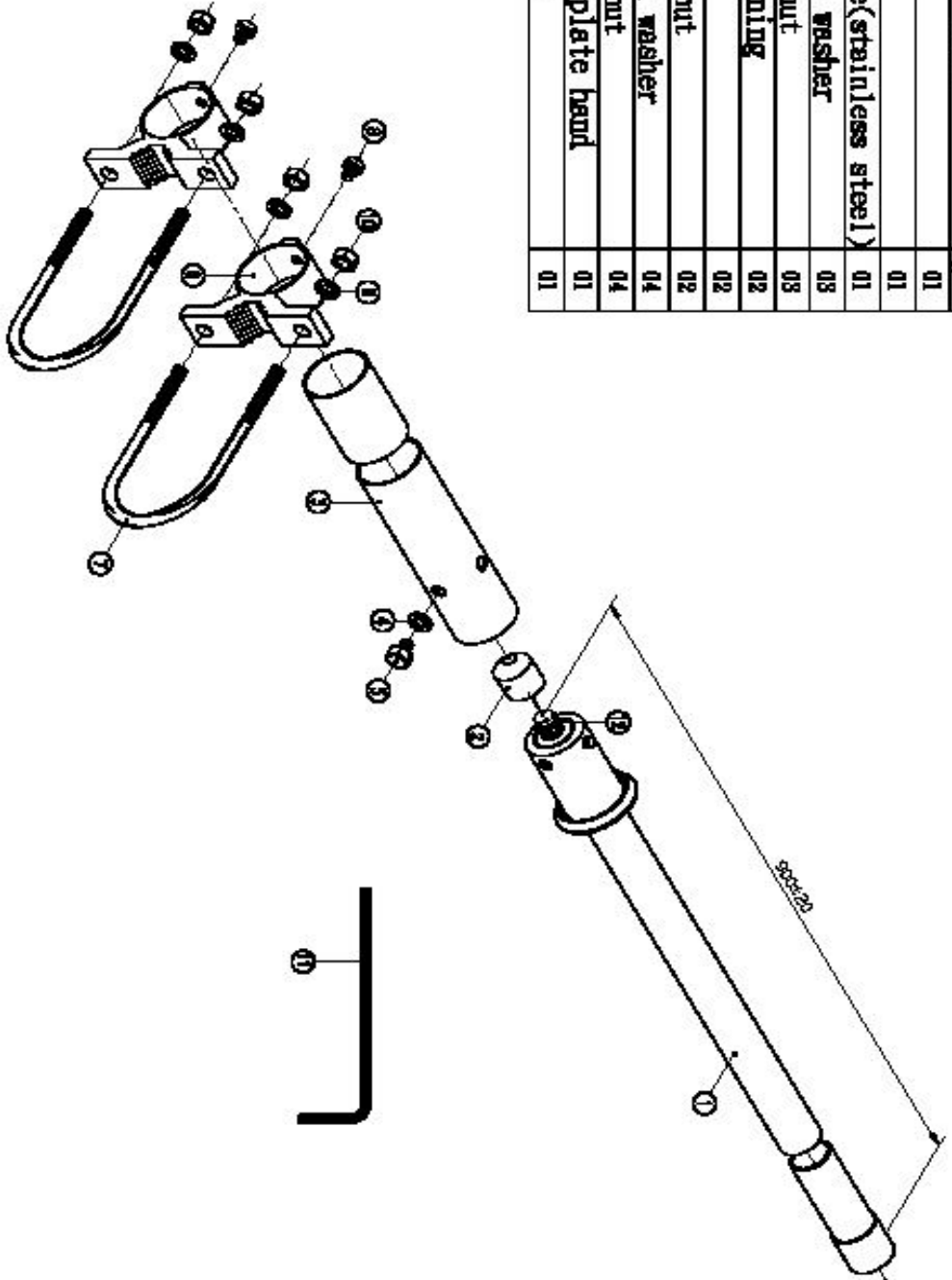
- 1. ANTENNA TYPE 天線型式: DVBT Base Antenna**
- 2. FREQUENCY 頻率: 420~900MHz**
- 3. IMPEDANCE 阻抗: 50 Ohm**
- 4. POLARISATION 極: Verticle**
- 5. SWR: 3.0:1**
- 6. MAX.POWER 最大功率: 150W**

### **二. MECHANICAL:**

- 1. MATERIALS 材質: Fiber**
- 2. COLOR 顏色: White**
- 3. TOTAL HEIGHT 總長度: 900m/m  $\pm 10$**
- 4. WEIGHT 重量:**

# 1. APPEARANCE:

NO.	NAME	Q.	TY
01	Body	01	
02	Cap	01	
03	Copper tube(stainless steel)	01	
04	Round iron washer	03	
05	Hexagonal nut	03	
06	Clip retaining	02	
07	U-Circlip	02	
08	Hexagonal nut	02	
09	Round iron washer	04	
10	Hexagonal nut	04	
11	Hexagonal plate hand	01	
12	N (Female)	01	

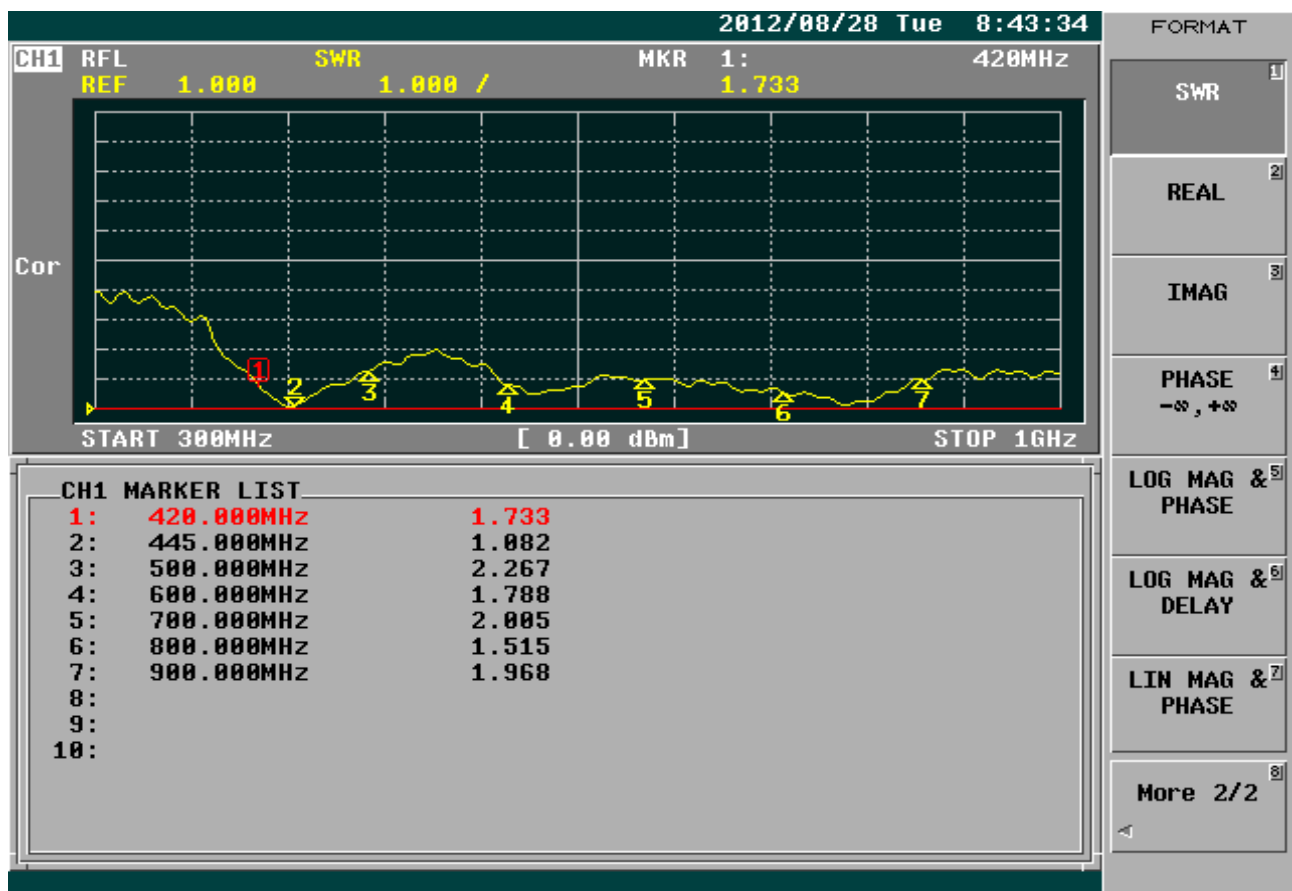
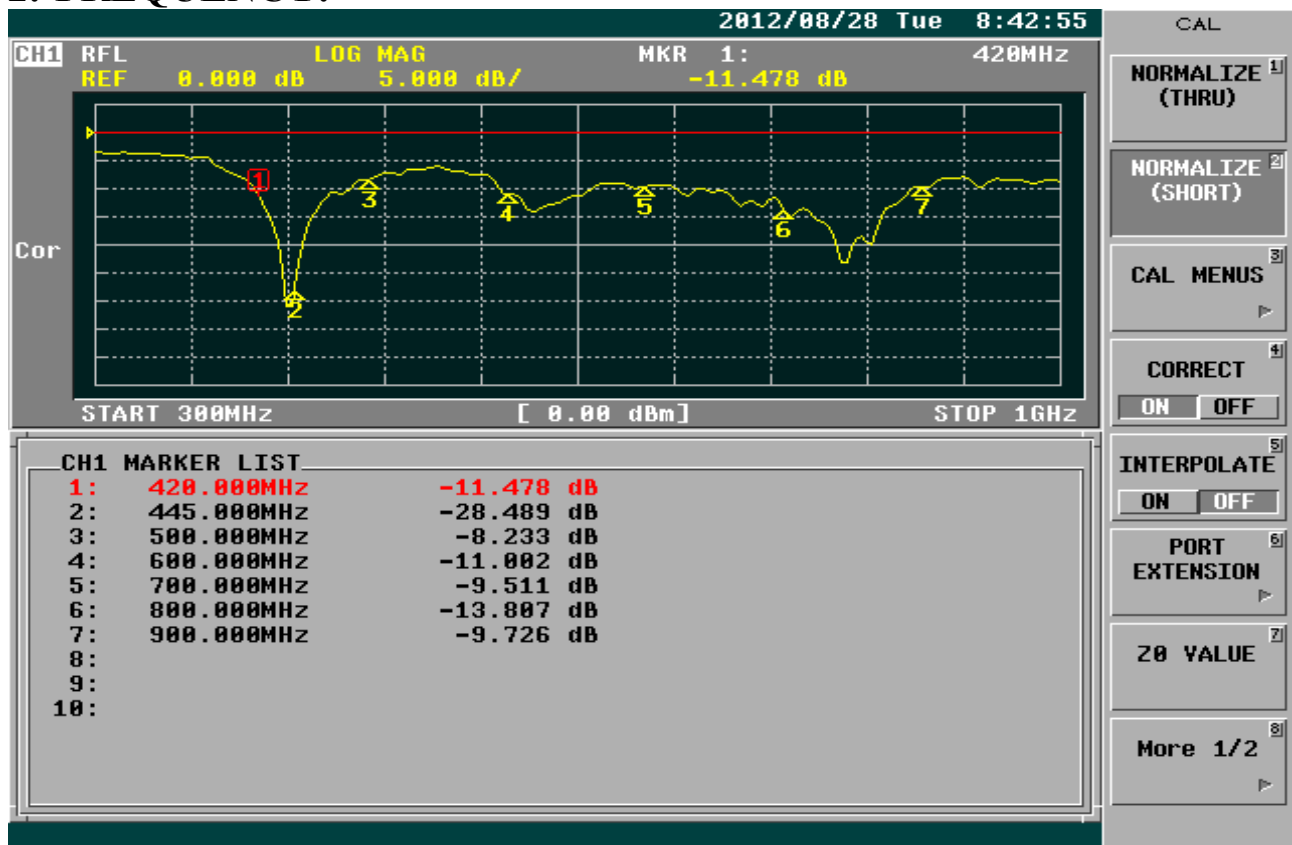


CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
			446/062MHz	1/M		20120828	1
TOLERANCE	± 0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS	√	APPEARANCE					

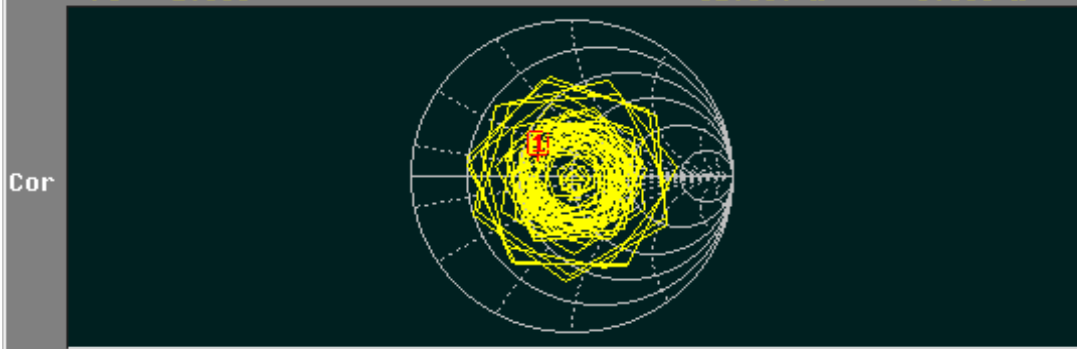


Third angle projection

## 2. FREQUENCY:



CH1 RFL SMITH(R+jX) MKR 1: 420MHz  
 FS 1.000 31.907 Ω 6.035 Ω



START 300MHz [ 0.00 dBm] STOP 1GHz

CH1 MARKER LIST

1:	420.000MHz	31.883 Ω	6.025 Ω	2.283nH
2:	445.000MHz	50.290 Ω	3.297 Ω	1.179nH
3:	500.000MHz	32.244 Ω	24.871 Ω	7.916nH
4:	600.000MHz	77.458 Ω	15.648 Ω	4.150nH
5:	700.000MHz	90.689 Ω	-1.711 Ω	132.808pF
6:	800.000MHz	35.932 Ω	-7.692 Ω	25.863pF
7:	900.000MHz	29.980 Ω	-7.281 Ω	24.285pF
8:				
9:				
10:				

FORMAT

- LOG MAG 1]
- PHASE 2]
- DELAY 3]
- SMITH (R+jX) 4]
- SMITH (G+jB) 5]
- POLAR 6]
- LIN MAG 7]
- More 1/2 8]