

Marine GPS/UHF Antenna

MODEL: GUA-620

FOR Marine UHF Radio & GPS NAVIGATION SYSTEM



GPS antenna Specifications: GA62

PHYSICAL CONDITION	
Constructions:	Polycarbonate radome, detachable cable/connector for easy mount, rubber-O-ring between top radome and screw base for waterproof
Dimensions:	60mm(Dia.) x 18.5mm(H)
Weight:	65grams (w/o cable & connector).
Color:	Standard in ivory white, other colours available upon request.
Mounting:	Bulkhead mount with 0.8 inch threaded wing nut (standard accessory).
Cable & Connector	
RF cable:	SMA(M) +10 meter RG58 +TNC(M) (standard) other length (optional)
Pulling strength:	6 Kg @ 5sec. molded plastic on connector end for strain relief.
Connector	SMA(F)
Antenna Element	
Center Frequency:	1575.42 MHz +/-1.023 MHz
Polarization:	R.H.C.P. (Right Handed Circular Polarization).
Absolute Gain @ Zenith:	+5 dBi typical.
Gain @ 10° Elevation:	-1 dBi typical.
Axial Ratio:	3 dB max.
Output VSWR:	1.5 max
Output Impedance:	50 ohm
Low Noise Amplifier	
Center Frequency:	1575.42 MHz
Power Gain:	28db +/-4.5db
Bandwidth:	2 MHz min.
Noise Figure:	1.5 min.
Outer Band Attenuation:	20 dB min. @ Fo +/-50 Mhz.
Supply Voltages:	2.5~5.5V DC.

Current Consumption:	2.5V : 6.6mA Typ. 3V: 8.6mA Typ. 4V: 12.6mA Typ. 5V: 16.6mA Typ.
Output Impedance:	50W ohm
Overall Performance: (antenna element, LNA & coax cable)	
Center Frequency:	1575.42 Mhz.
Gain:	At 90° vertical to sky 30 ± 4.5dBi (cable loss) Note:1 Mounted on the 60mm x 60mm square ground plane
Noise Figure:	2.0 max.
Axial Ratio:	3 dB max.
Bandwidth:	2MHz min.
VSWR:	2.0 max.
Output Impedance:	50W ohm
Environmental	
Operating Temperature:	-40°C~ +85°C.
Storage Temperature:	-50°C~ +90°C.
Relative Humidity:	95% non-condensing.
Water Resistance:	100% waterproof.

OUTSIDE UHF BASE ANTENNA

MODEL: MUA-100A



SPECIFICATION

一. **ELECTRONICAL:**

1. **ANTENNA TYPE** 天線型式: Base Antenna
2. **FREQUENCY** 頻率: 380~512MHz
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:**

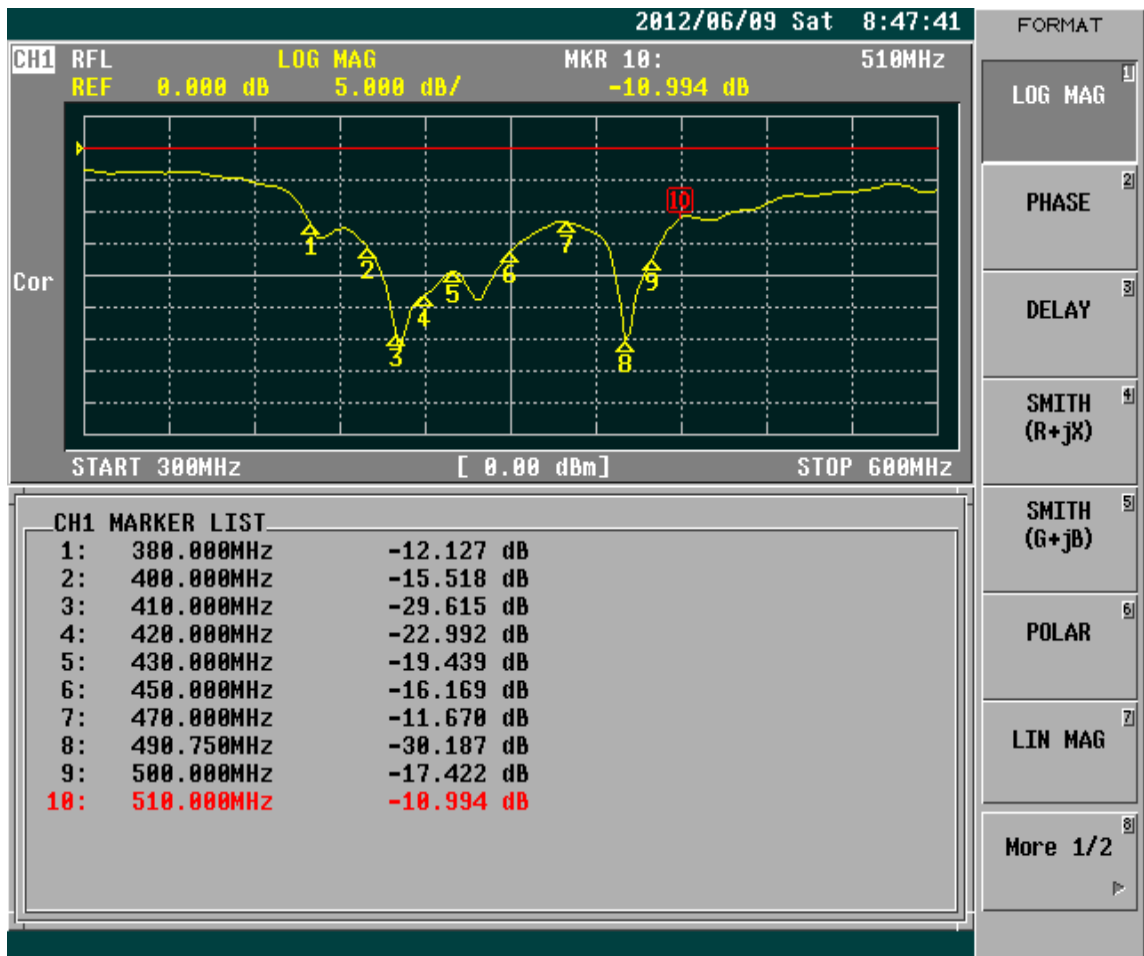
1. **MATERIALS** 材質: Fiber
2. **COLOR** 顏色: White
3. **TOTAL HEIGHT** 總長度: 910m/m ±10
4. **WEIGHT** 重量: 1050g

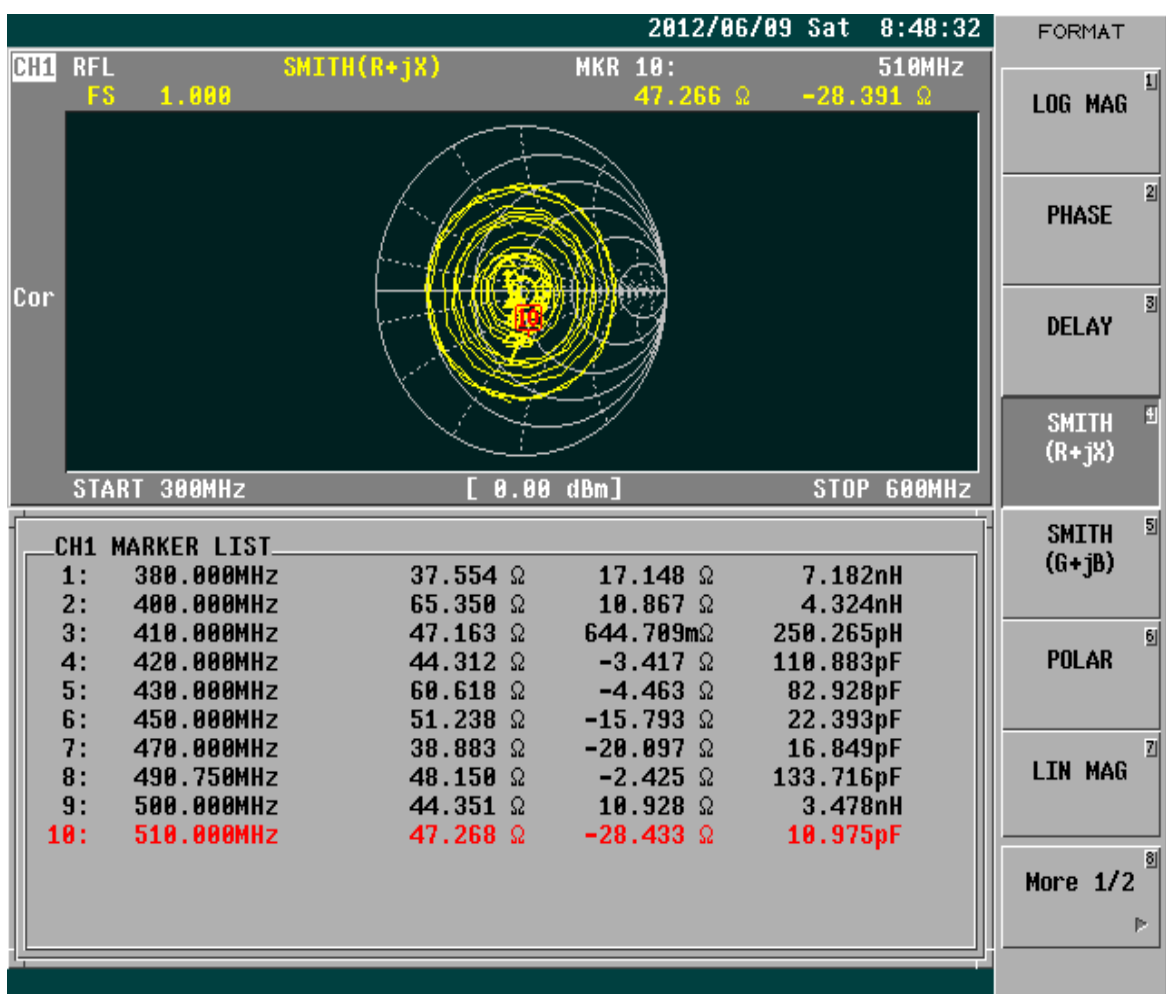
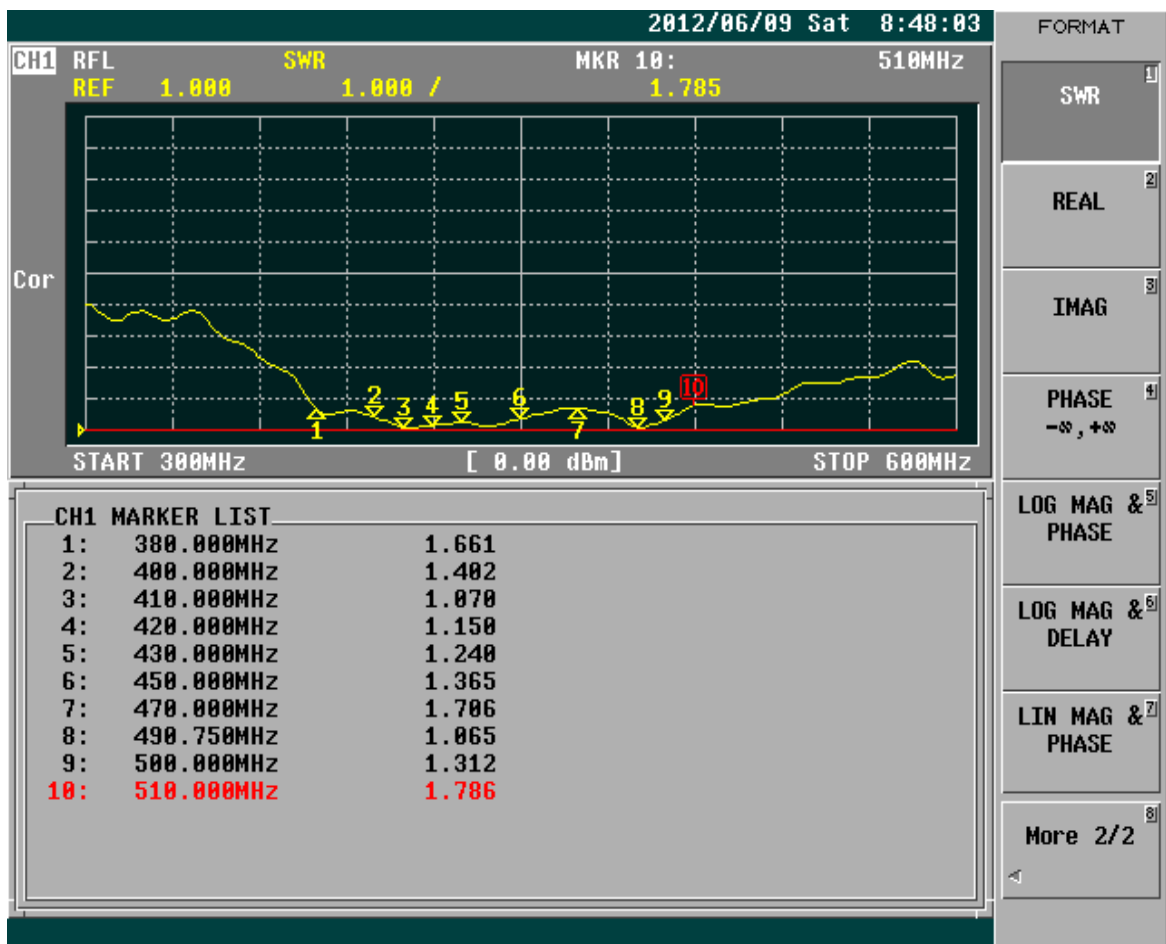
1. APPEARANCE:

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	Hexagonal plate hand	01
12	N (Female)	01

註:VSWR 1:2.0

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS	S ▽▽		APPEARANCE					





SUS L-Mounting

Madel : FB-6



Size :

