



Antenna datasheet



Specifications Sheet

Object	Dipole Antenna	Page	1 of 5
Customer		Date	June 7, 2017
System	LoRa 920 MHz	Rev.	A
Model Name	WE17-LR-05A	Written by	W.I.Kwak

Electrical Specifications

Frequency Range (MHz)	902~928
Band Width (MHz)	26
V.S.W.R (Min)	2.0:1
Gain (Max)	2.25 dBi
Gain (Average)	-1.9 dBi
Input Impedance	50 (Ω)
Polarization	Linear

Mechanical Specifications

Antenna Size (Length x Diameter)	102 x 13 mm
Connector	SMA Male
Radiator Material	Copper
Operation Temperature	- 30 ~ 70 ($^{\circ}\text{C}$)
Operation Humidity	10 ~ 90 (%)
Water-proof	IPX4

Option	
Remarks	

WINiZEN Co., Ltd.



Fig 1. V.S.W.R

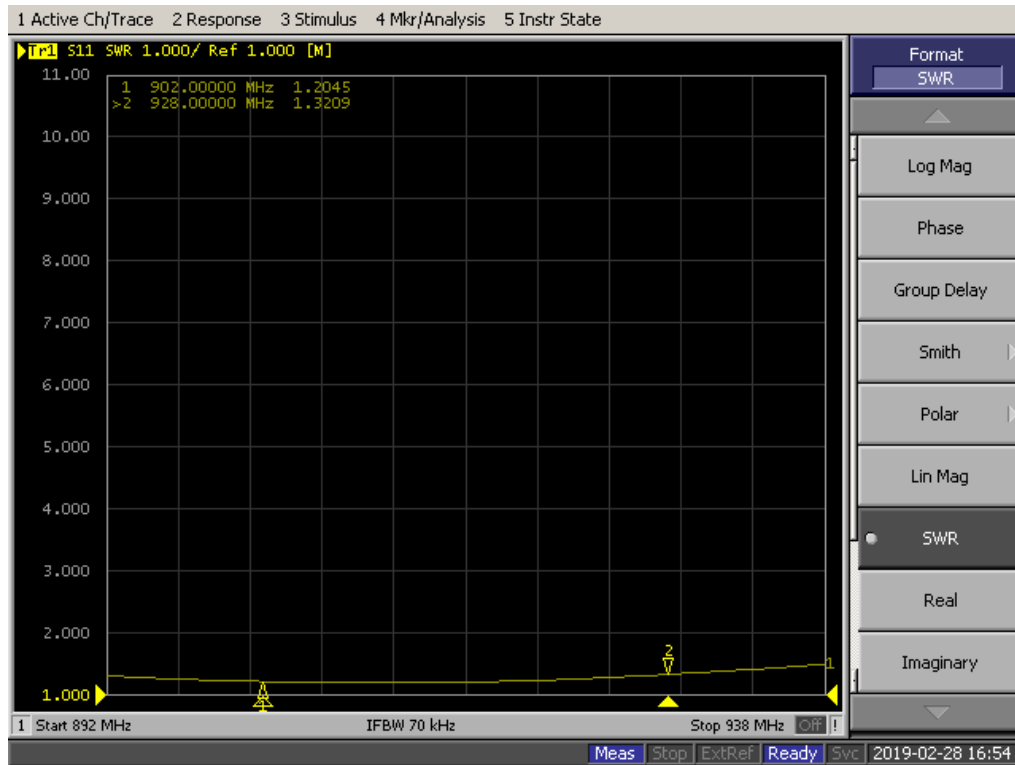


Fig 2. Return Loss

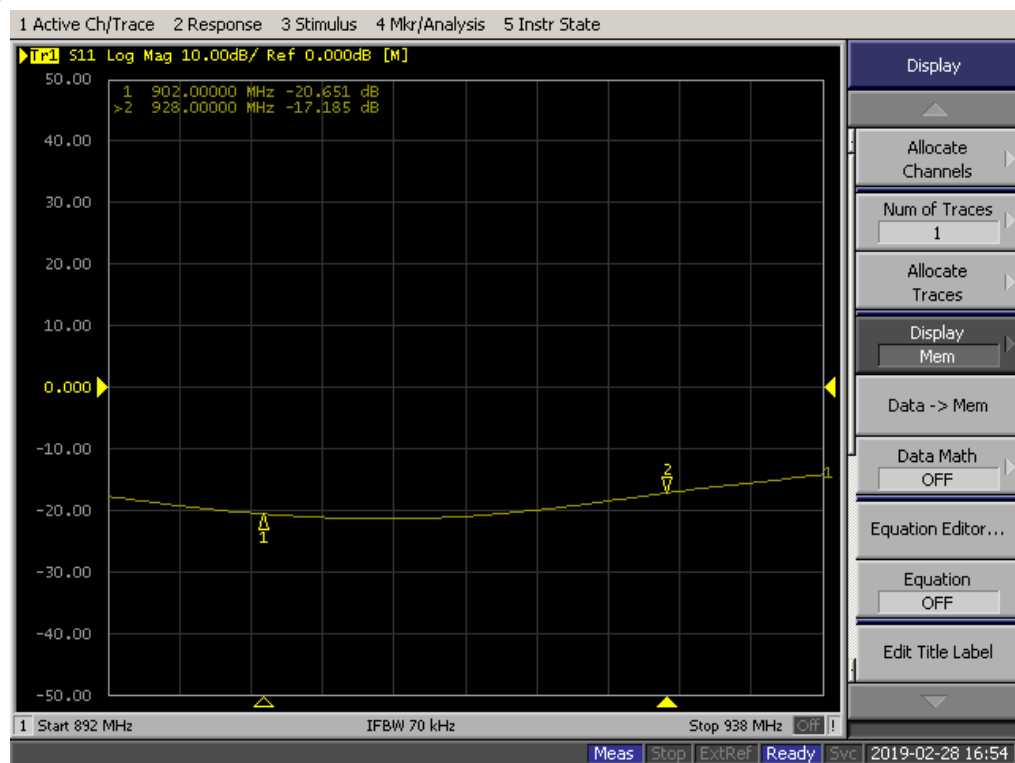


Fig 3. Smith Chart

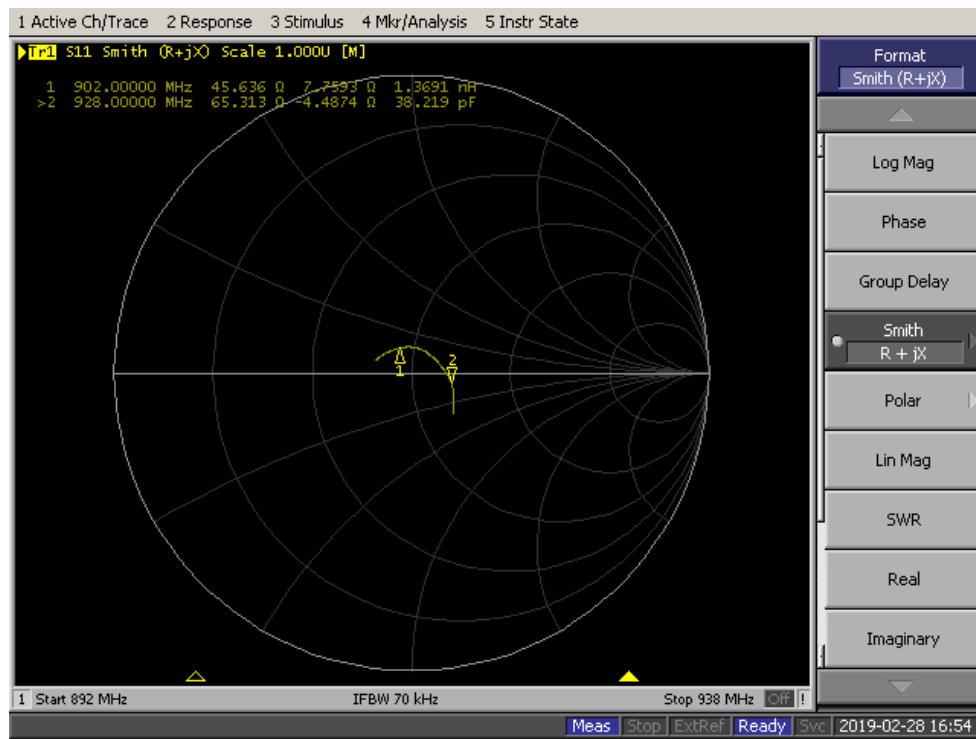


Fig 4. Gain & Patterns

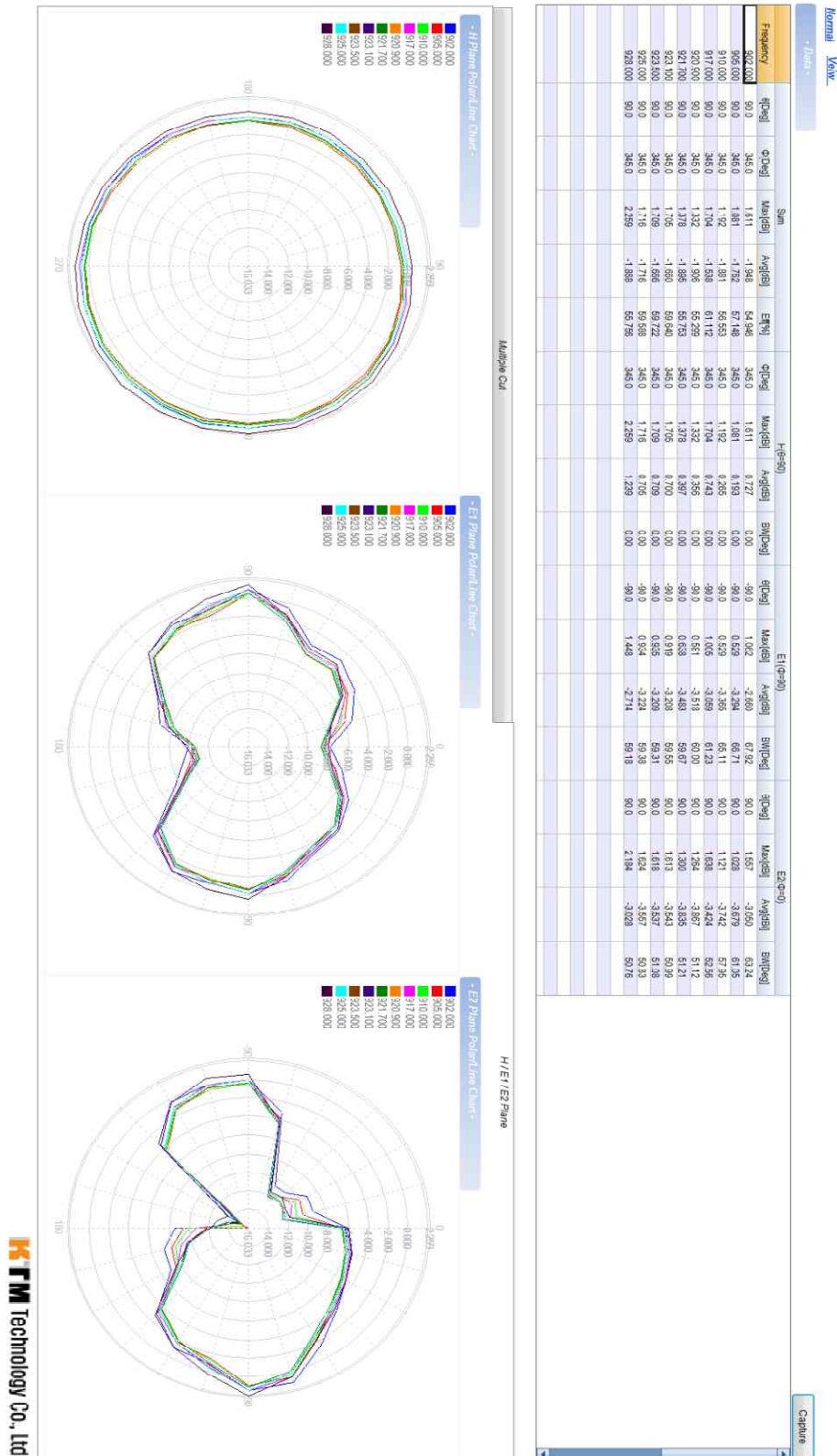
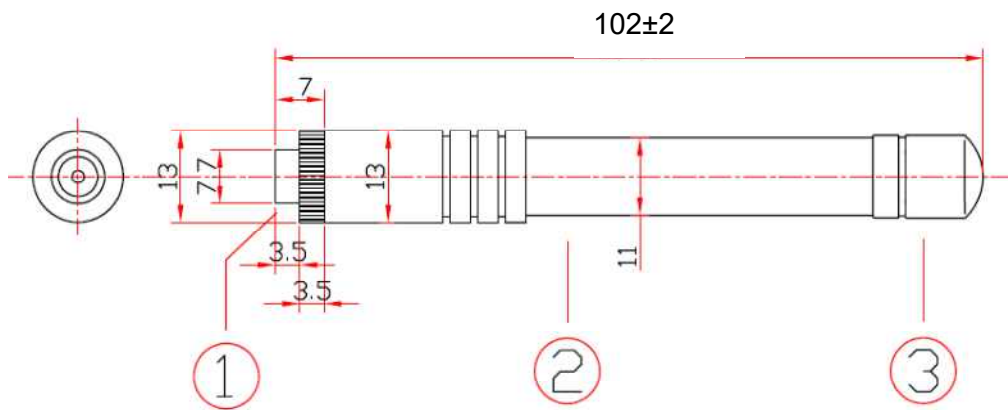


Fig 5. Drawing



- ① SMA Connector : Brass, Ni plated
- ② Body : Keyflex, Black
- ③ Cap : Keyflex, Black

