

UHF ANTENNA

Model : TH900E

FOR RFID UHF & ISM & ZigBee



1. GENERAL DESCRIPTION

P/N
TH900E-SMA(M)

1.1 Electrica Properties

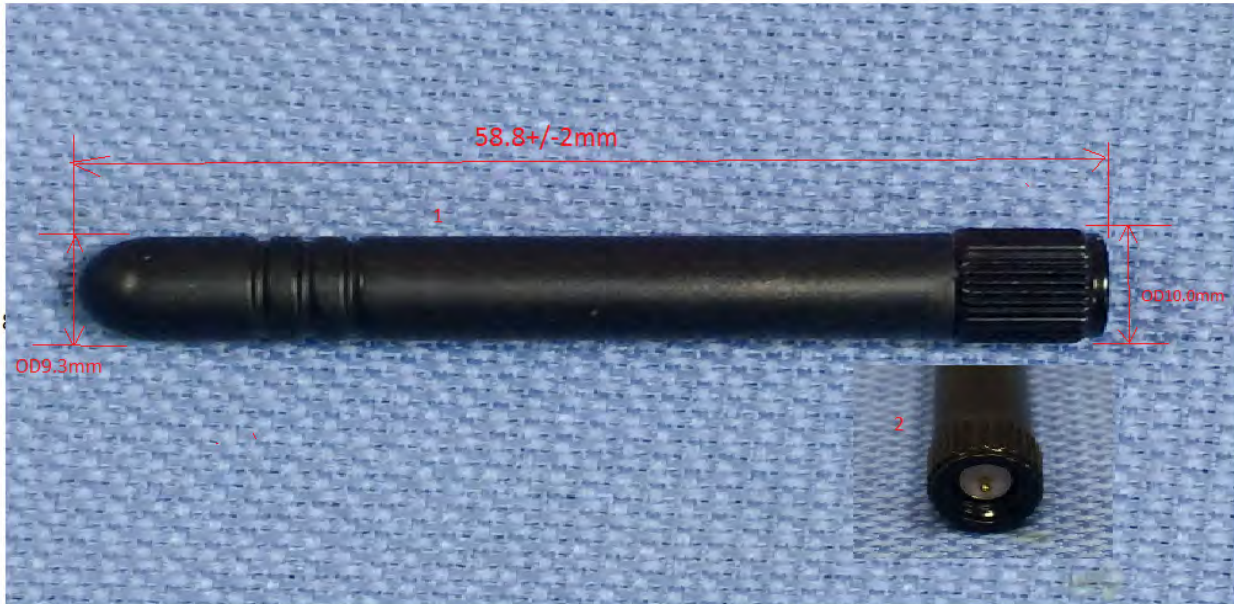
Parameter	Description
Frequency Band	868/902~928MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1


1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD9.3 x58.8mm±2
Antenna tube & Color	ASA - Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7

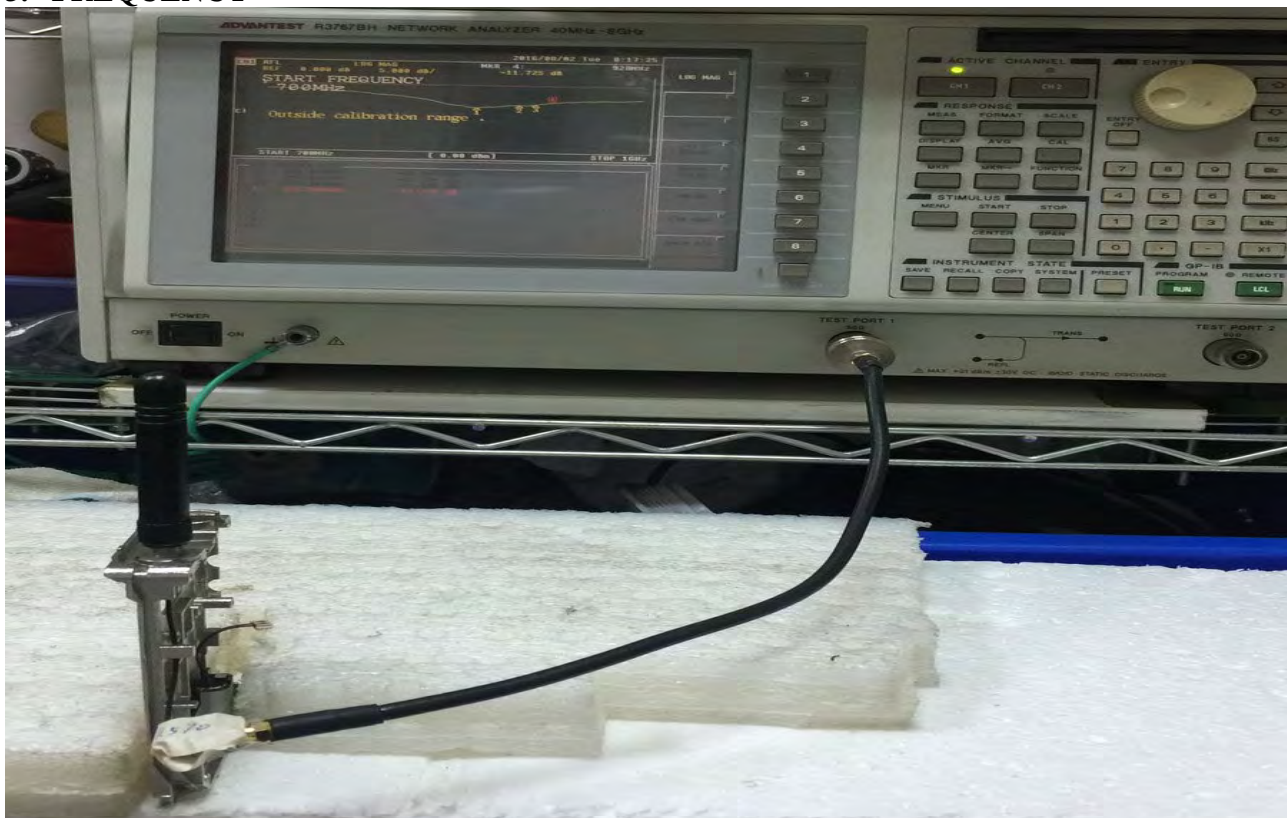
2. Appearance

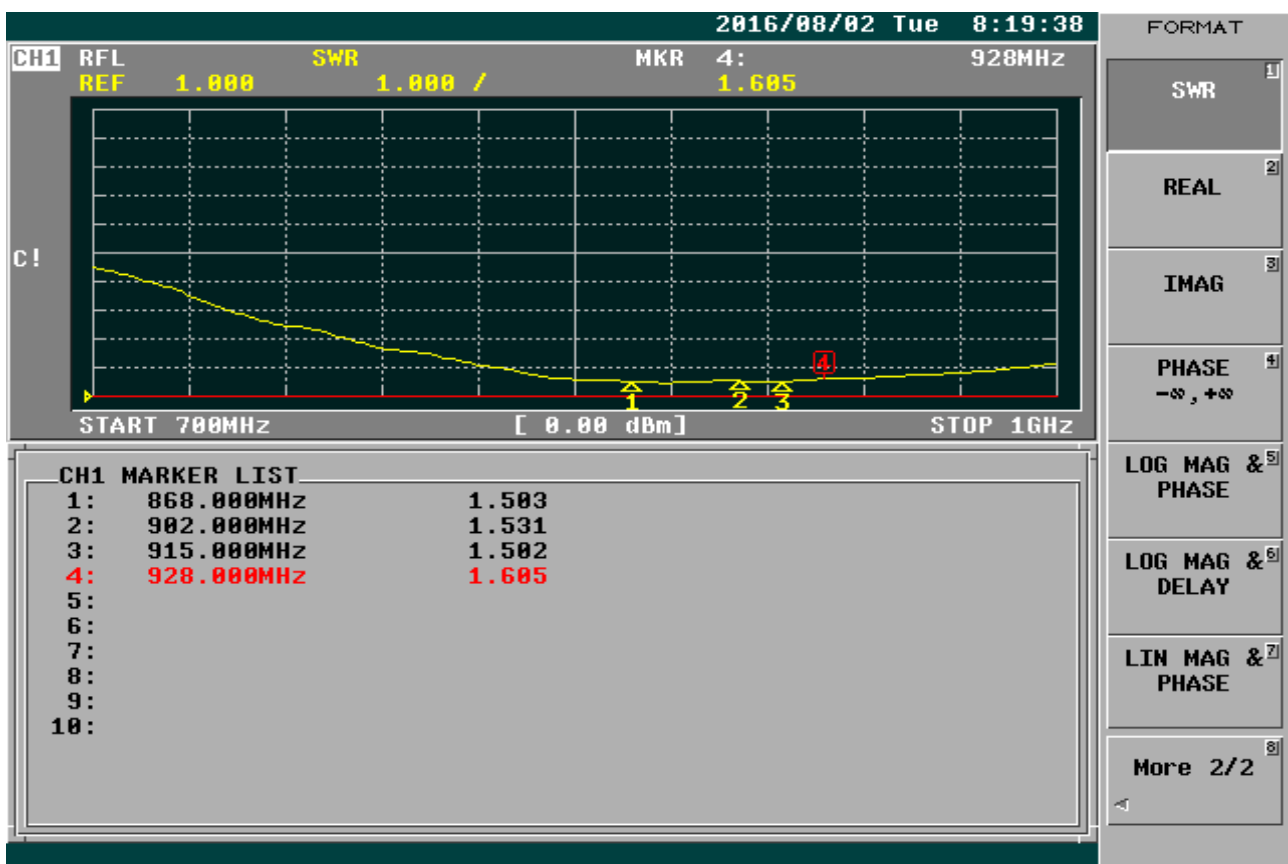
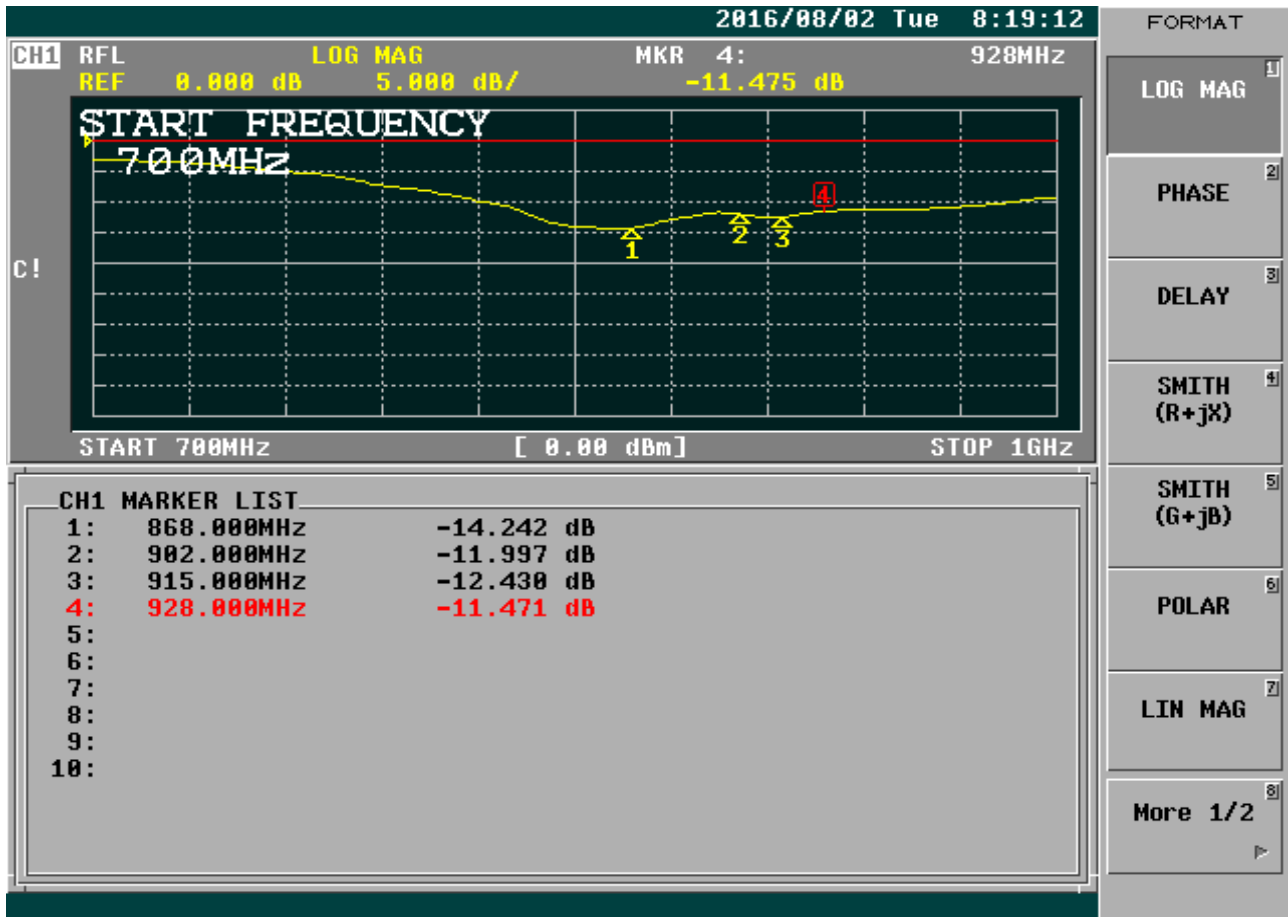
NO.	NAME	Q, TY
01	ASA-UV Tube	01
02	SMA(M)	01

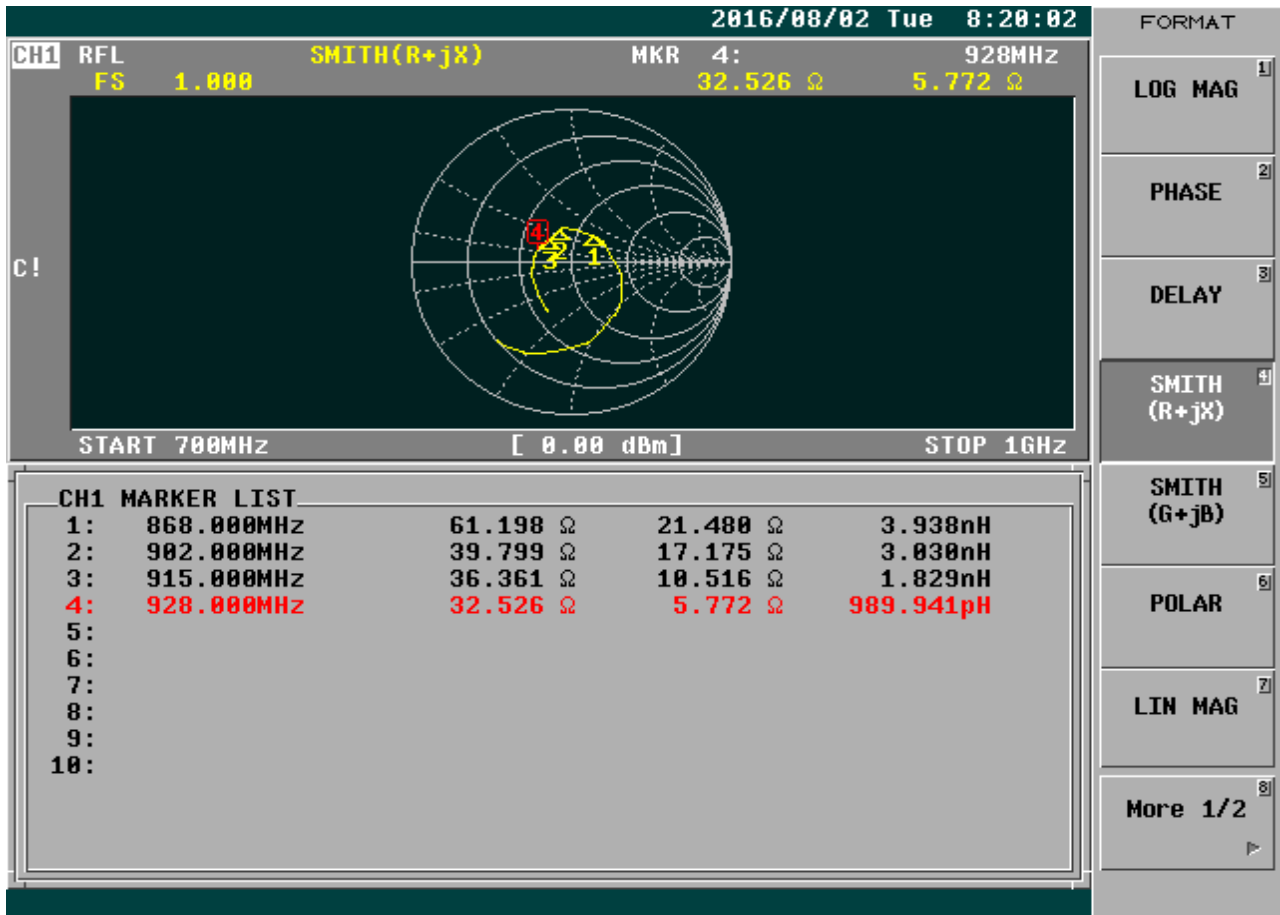


 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH900E		868/902-928	M/M		20160802	1
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\sqrt{\text{v}}$	APPEARANCE					

3. FREQUENCY







Frequency (MHz)	824	830	860	868	875	902	915	928	960
Peak Gain (dBi)	0.45	0.45	0.31	0.30	0.21	0.34	0.49	0.38	0.04
Efficiency (%)	34.28	34.91	34.52	34.50	33.70	34.04	34.93	34.59	32.84

