

UHF ANTENNA

Model : TH900D

FOR RFID UHF & ISM & ZigBee



1. GENERAL DESCRIPTION

P/N
TH900D-SMA(M)

1.1Electrica Properties

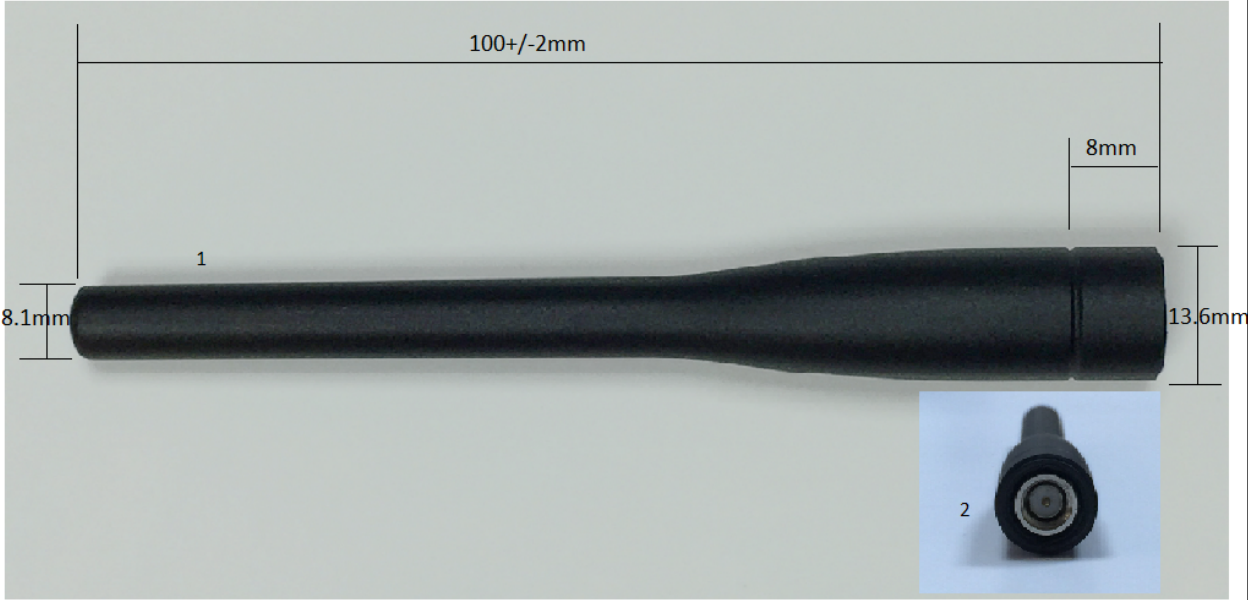
Parameter	Description
Frequency Band	902~960MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD13.6 x100mm±2
Antenna tube & Color	TPU - Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C
Waterproof	IPX6-7

2. Appearance

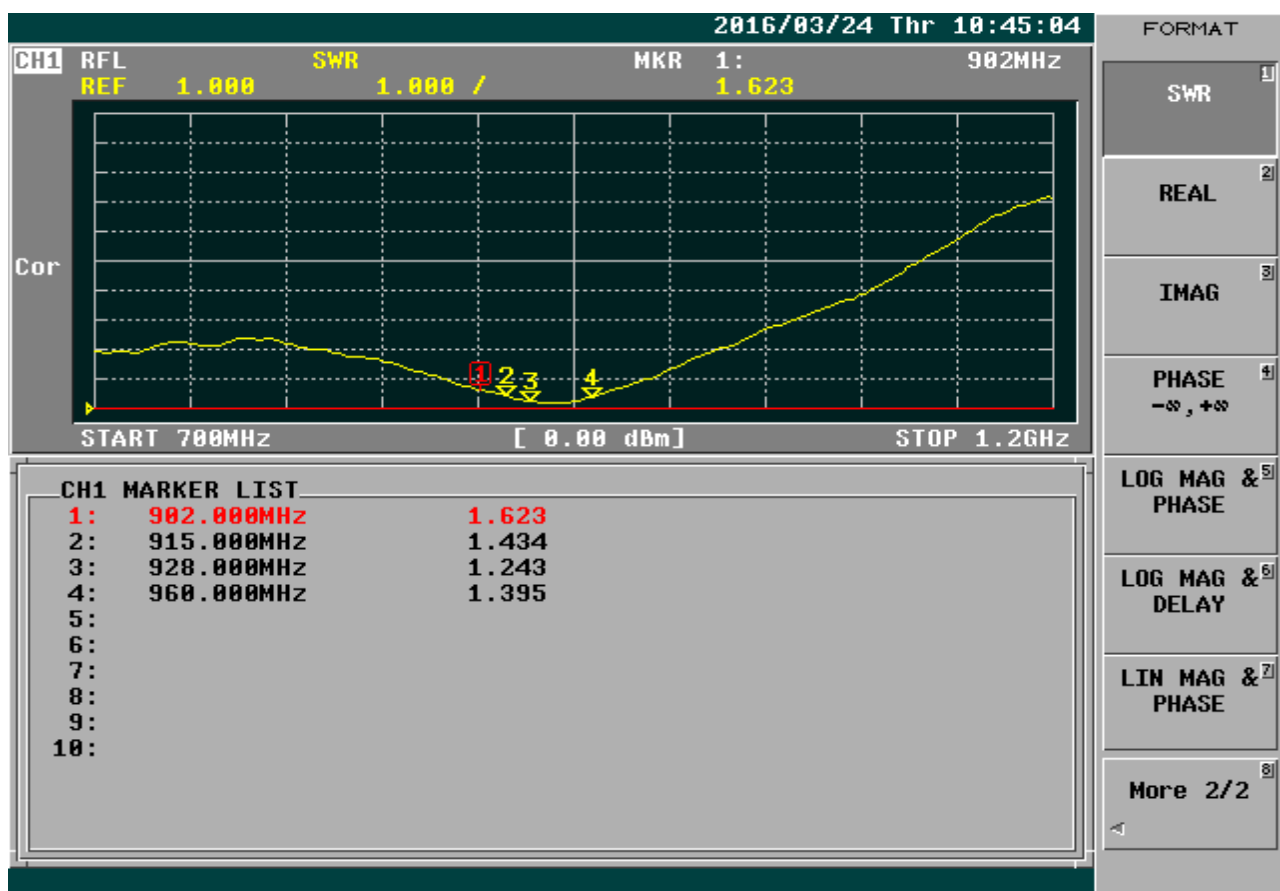
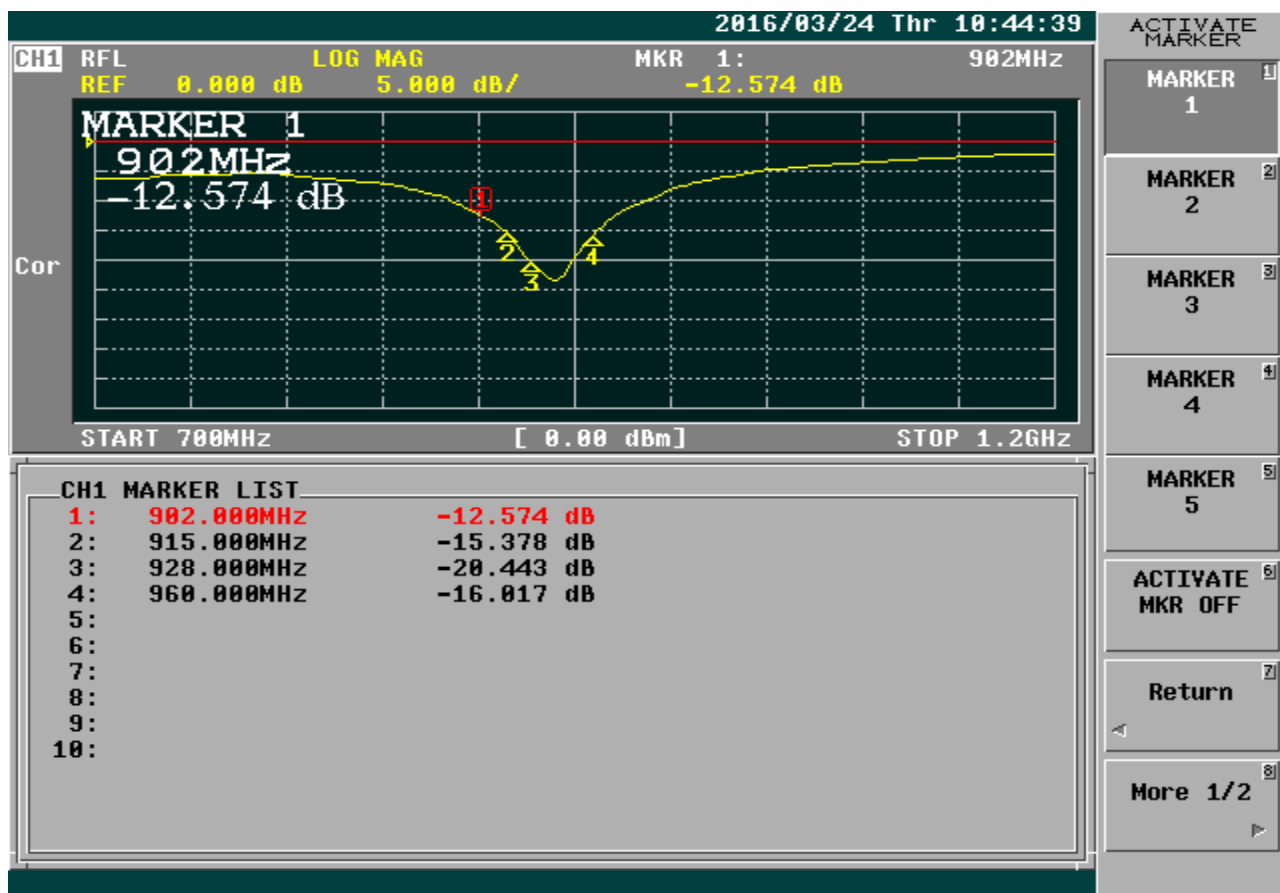
NO.	NAME	Q, TY
01	TPU Tube	01
02	SMA(M)	01

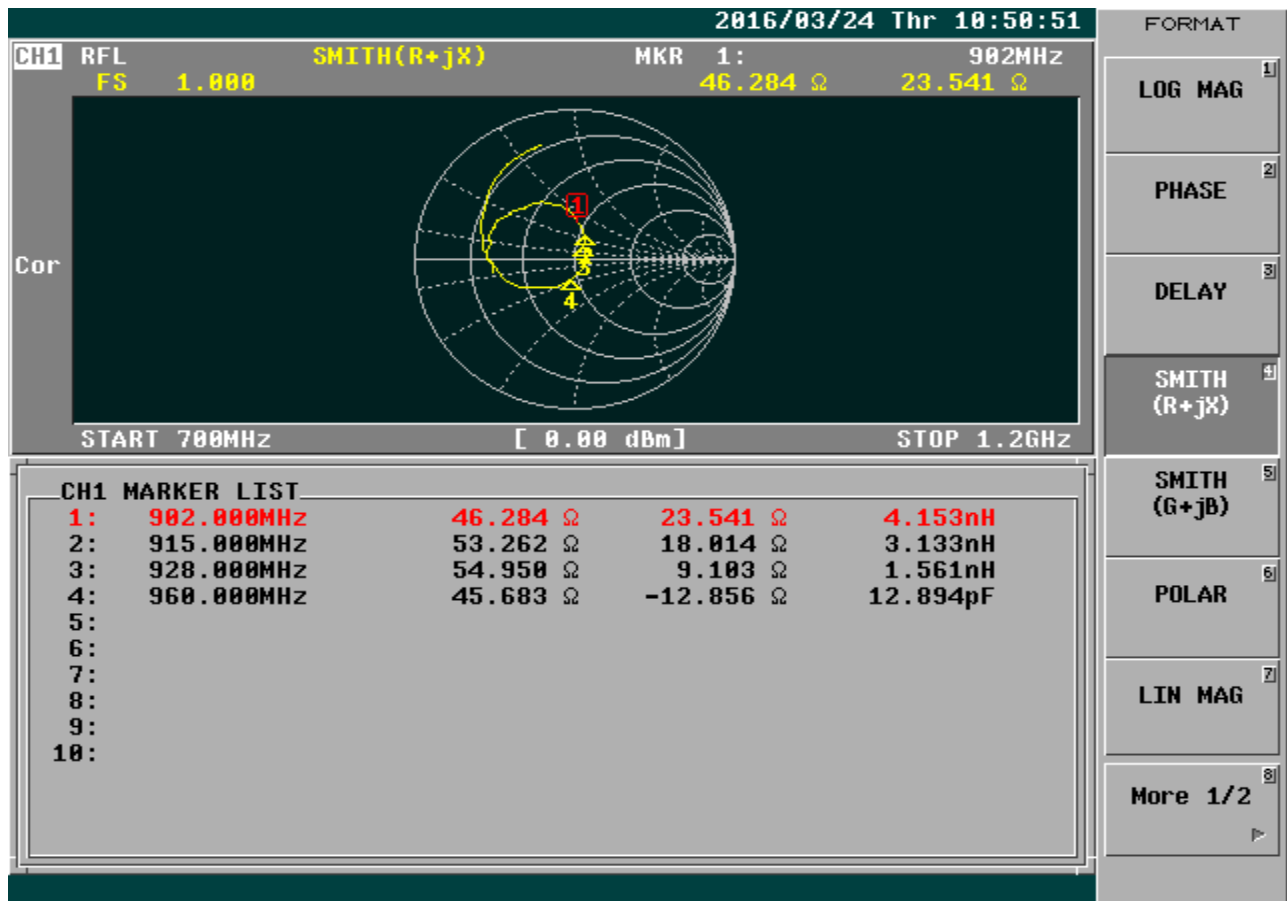


 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH900D		824~960Mhz	M/M		20160302	1
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

3. FREQUENCY : Test on Customer GND







Frequency (MHz)	902	915	928	960
Peak Gain (dBi)	1.44	1.73	1.92	2.06
Efficiency (%)	53.97	56.84	59.52	61.10

