

RFID/UHF Passive Antenna

MODEL: TH-915i



1.. GENERAL DESCRIPTION

Model No	P/N
TH-915i	TH915i-SMA(M) or RP-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

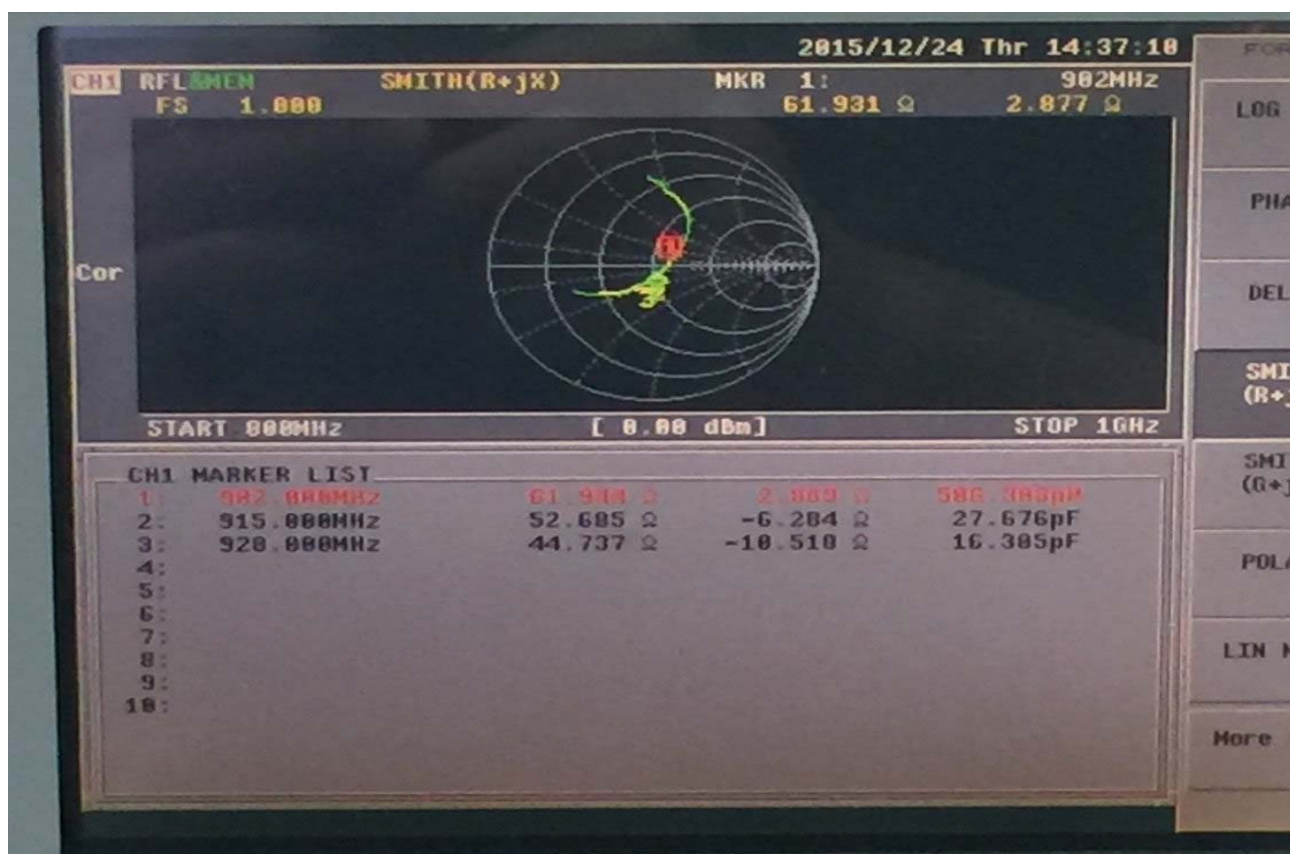
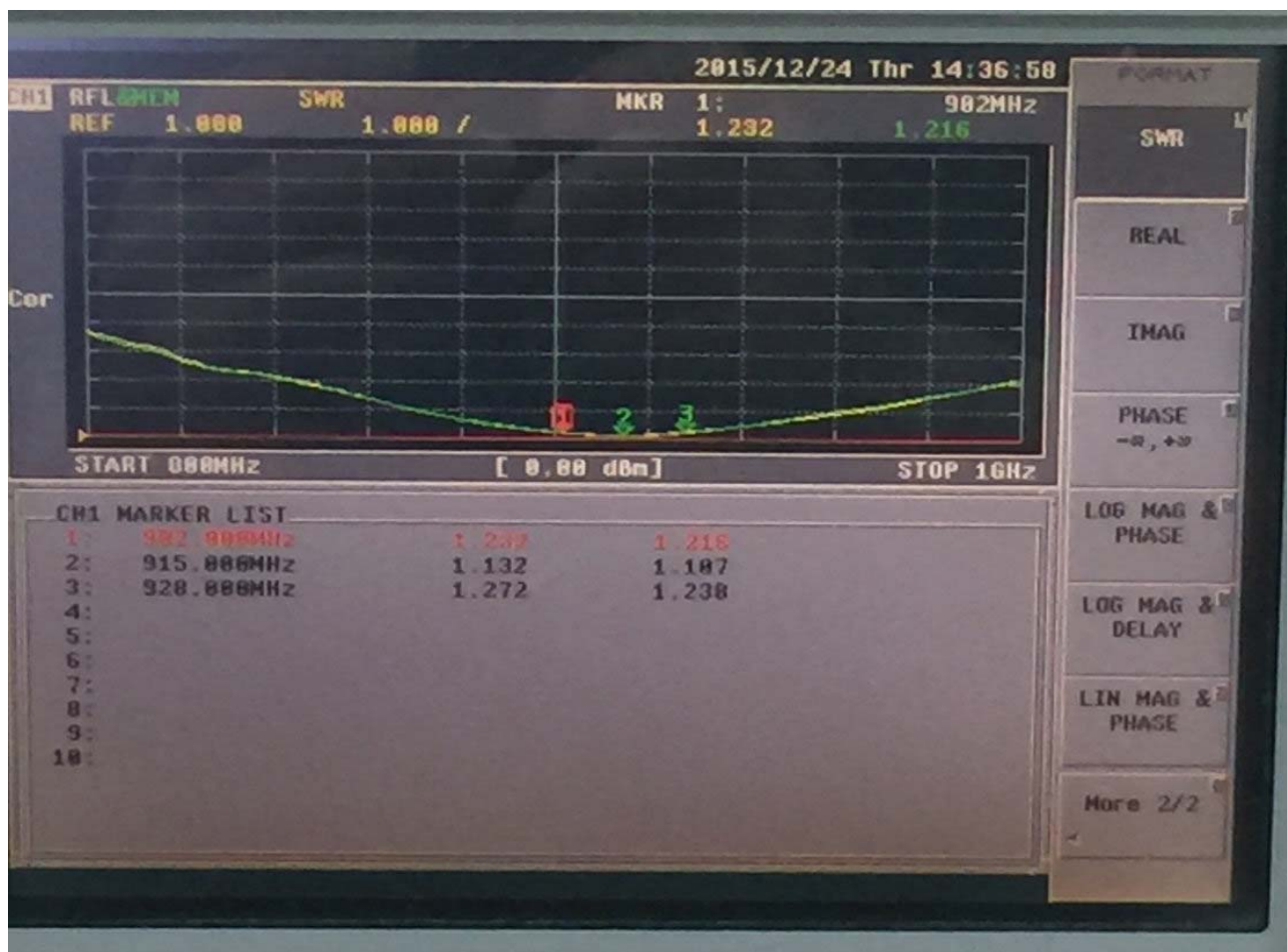
Parameter	Description
Frequency Band	902-928MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 4 λ
Admitted Power radiation	1W
V.S.W.R	2.0:1
Antenna Peak Gain	1.5 dB
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	TPU

Touch Type	Screw Type
Connector Type	SMA (Male) OR RP-SMA(M)
Antenna Dimensions	OD12.4 x 50.4mm±0.5
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-35°C~+80°C





Frequency (MHz)	902	906	910	915	918	922	926	928
Average Gain(dBi)	-1.68	-1.6	-1.53	-1.48	-1.46	-1.48	-1.45	-1.44
Peak Gain (dBi)	1.65	1.73	1.77	1.79	1.80	1.74	1.74	1.74
Efficiency (%)	67.85	69.17	70.15	70.96	71.38	71.04	71.55	71.74

