

RFID Antenna

MODEL: TH-915P



1. GENERAL DESCRIPTION

Model No
TH915P-N(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

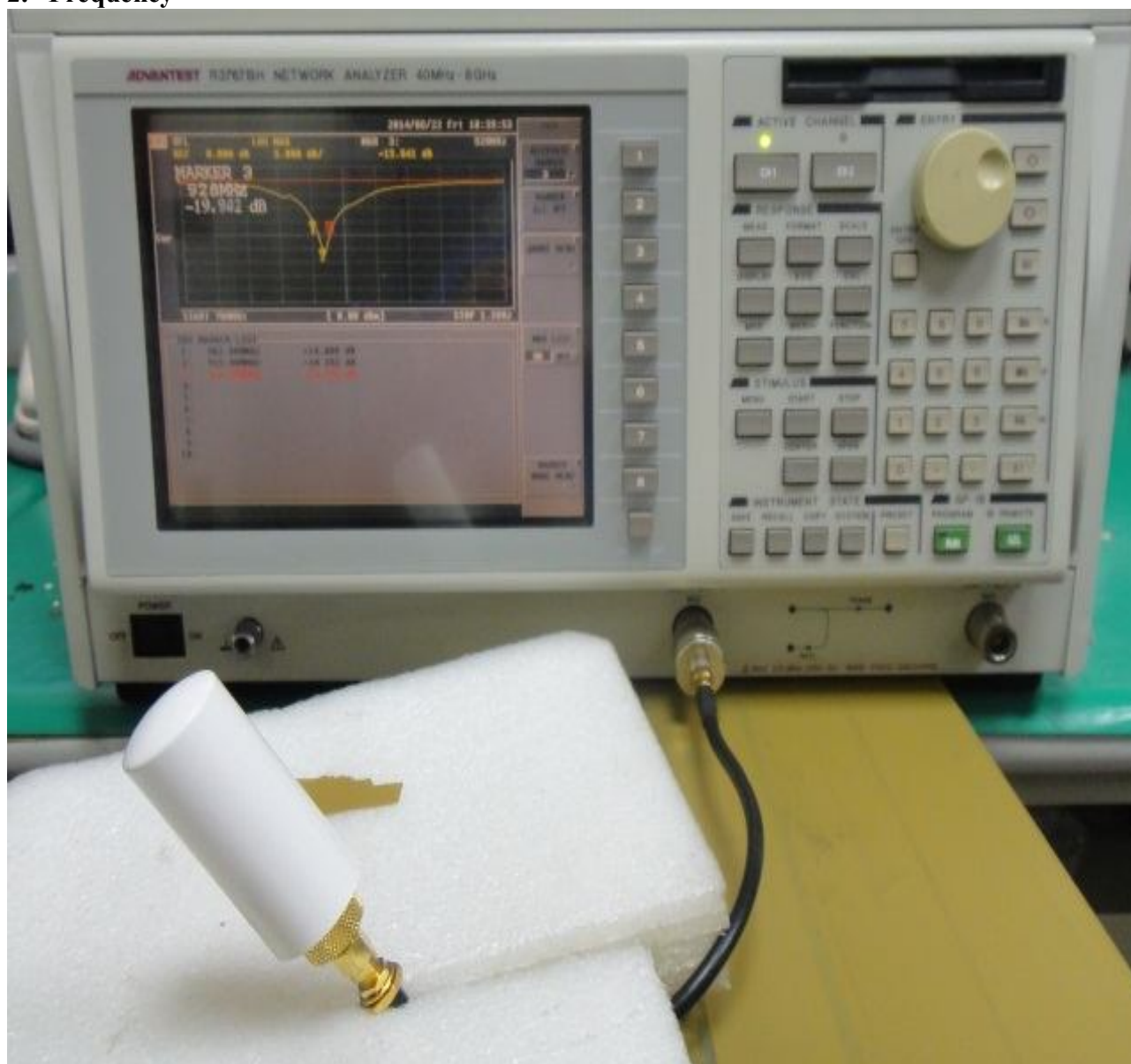
Parameter	Description
Frequency Band	902-928MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Note: Gain includes the cable loss	

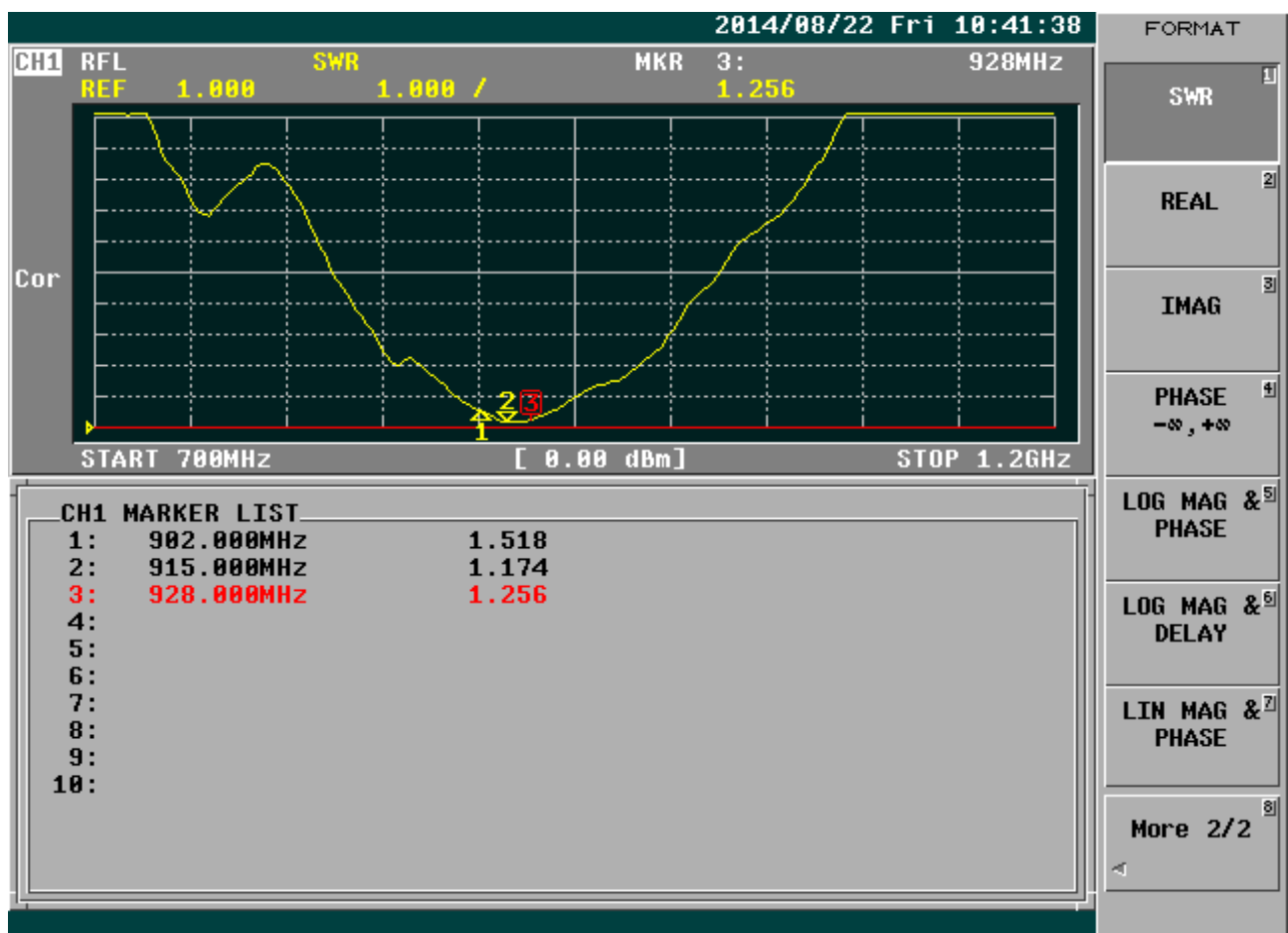
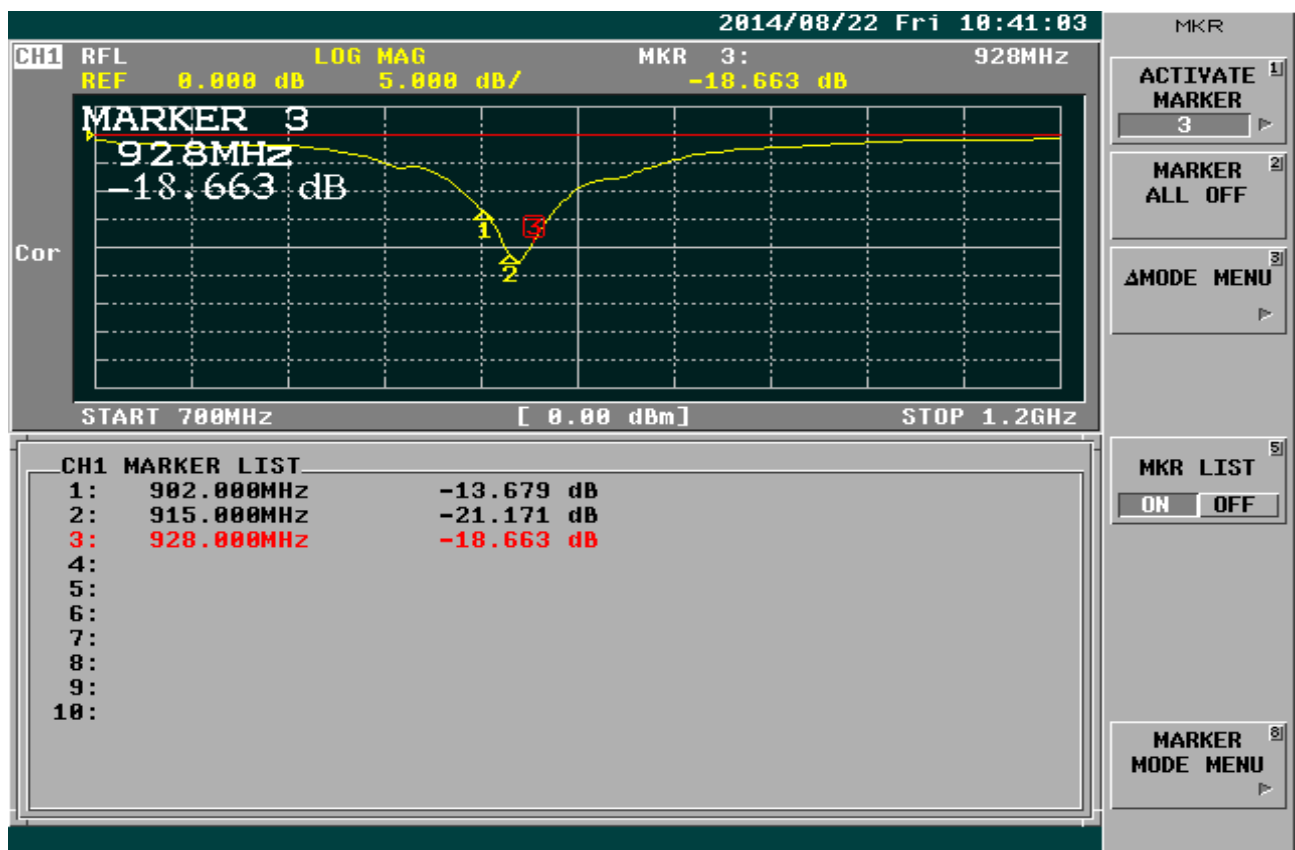
1.2 Mechanical Properties

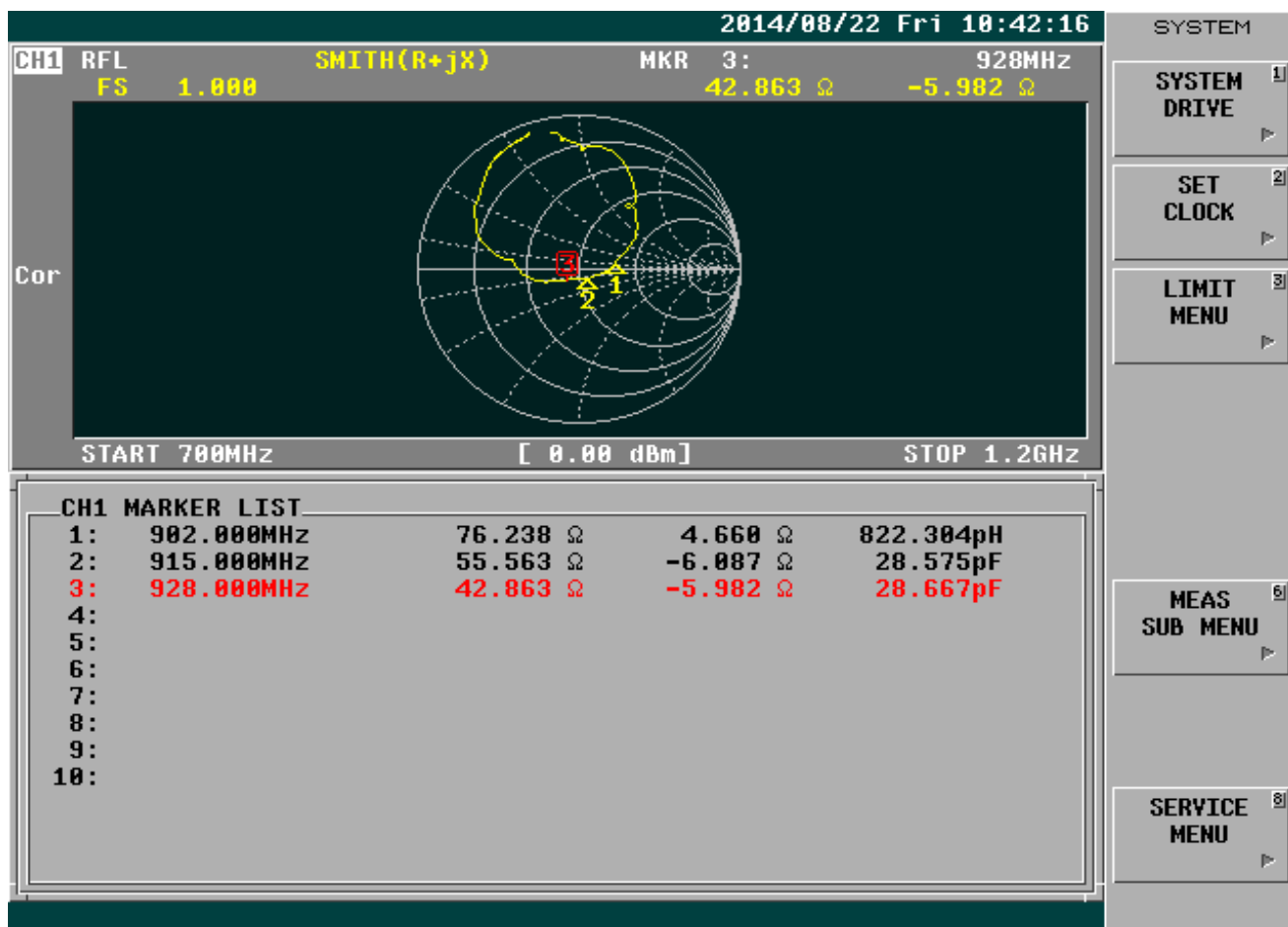
Parameter	Description
Antenna Type	External Antenna
Antenna Material	ABS
Touch Type	Screw Type
Connector Type	N 180°(Male)

Antenna Dimensions	$\Phi 25.6 \times 55\text{mm} \pm 2$
Antenna Color	Black
Operating Temperature Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Storage Temperature Range	$-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$

2. Frequency







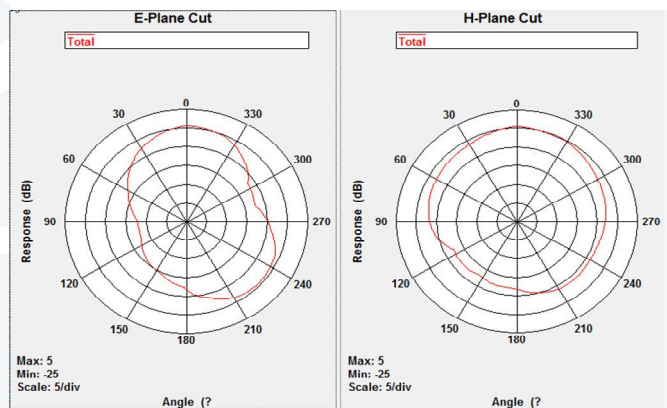
Test Data(TH915P)



1. Test result:

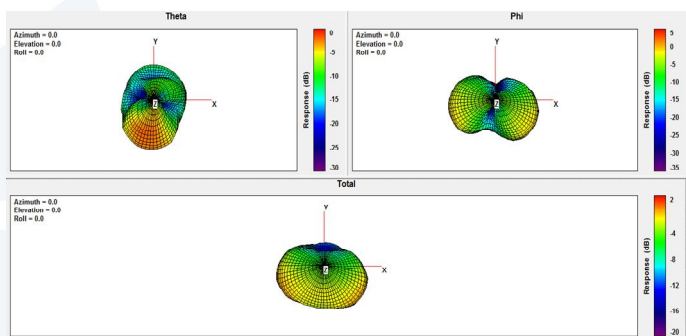
Frequency (MHz)	902	915	928
Average Gain (dBi)	-4.25	-3.97	-3.86
Peak Gain (dBi)	-0.07	0.36	0.58
Efficiency (%)	37.57	40.08	41.14

2D Radiation Patterns(TH915P)



915MHz

3D Radiation Patterns(TH915P)



915MHz