

RFID Antenna

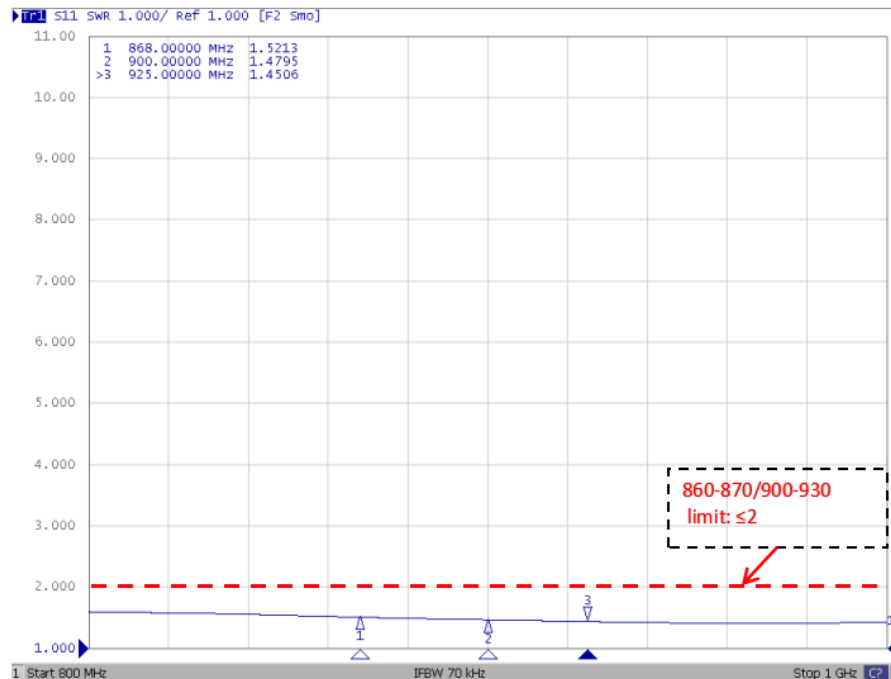
1 Electrical Specs

1.1 RFID Antenna

Specifications		
Product model	868/915 MHz Flexible Antennna	
Frequency	860-870MHz	900-930MHz
Antenna Type	Flex	
Polarization	Linear	
VSWR	≤ 2.0	
Typical Gain	-27dBi	
Input impedance	50 Ω	
Antenna size	Length, width, and thickness(:mm): 60x5x1	
RF Connector	Φ 1.13mm IPEX generation (Cable length:L=300mm)	
Material	FR4	
Temperature	-40° C to +70° C	
Fixed method	Adhesive 3M	

2 Typical measured data

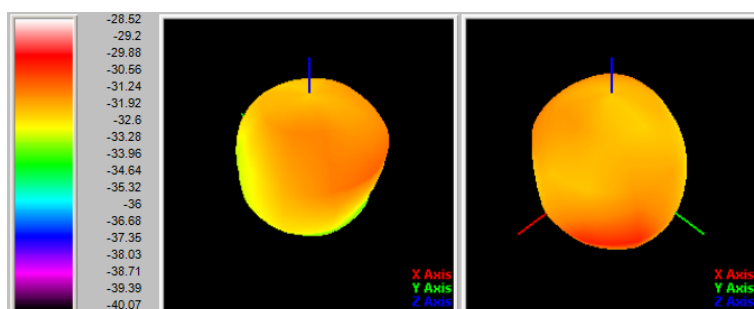
2.1 VSWR



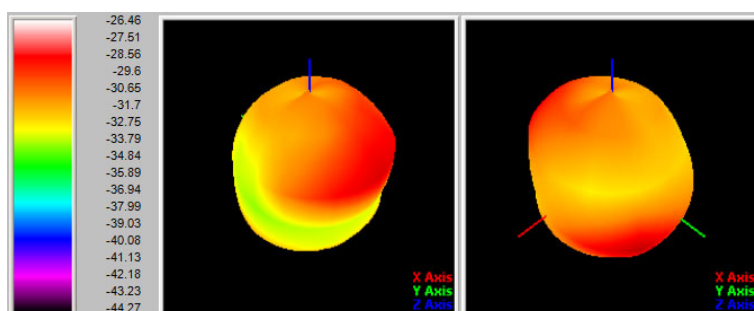
2.2 Gain

Freq (MHz)	Gain (dBi)
850	-29.1
855	-29.2
860	-28.9
865	-28.5
870	-28.1
875	-27.7
880	-27.3
885	-27.0
890	-26.7
895	-26.4
900	-26.3
905	-26.3
910	-26.4
915	-26.5
920	-26.6
925	-26.8
930	-27.0

2.3 3D radiation pattern



@865MHz



@915MHz

3 Antenna Dimension (mm):

