

Antenna Specification

Manufacturer:	Jingrui Inspire Co.,Ltd.
Address of Manufacturer:	RM1306, Block 3 (C-1), Runhui Science Park,18 Shenzhou Rd., Huangpu Dist., Guangzhou, Guangdong Prov., P.R. China, 510663

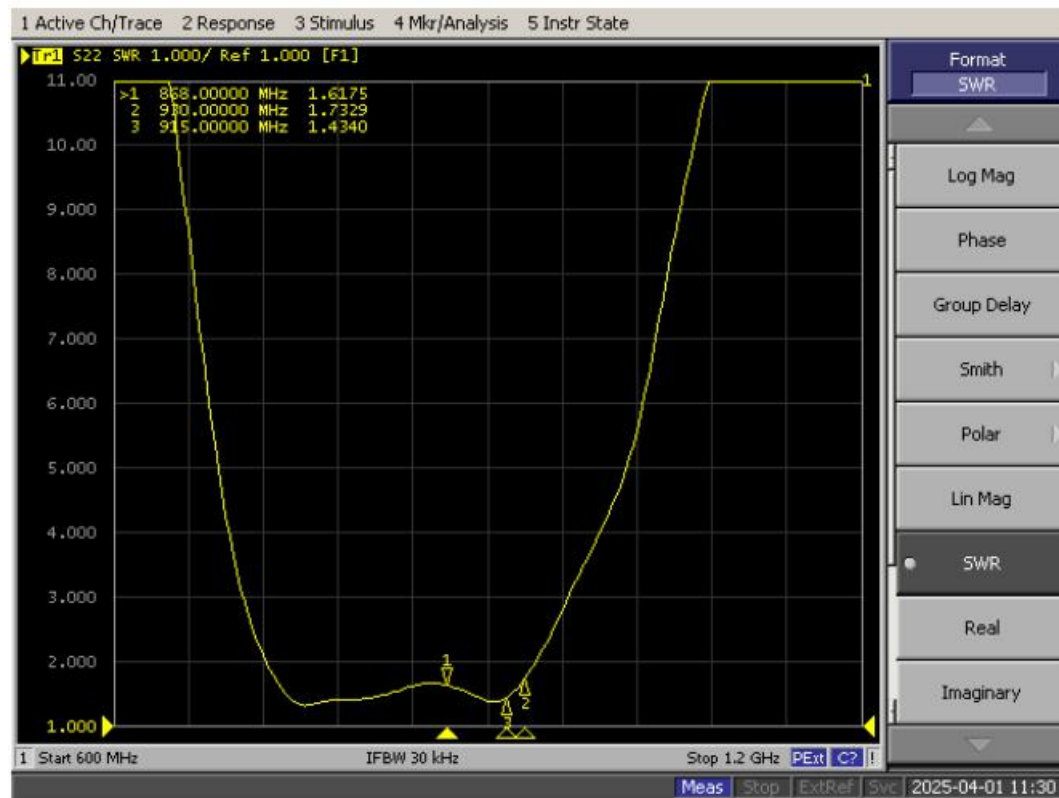
1、Electrical Parameters

Parameter	Value / Description
Antenna Bandwidth	820 MHz - 960 MHz
Antenna Gain	-1.9 dBi
Antenna Efficiency	55.21%
VSWR	<3
Polarization	Vertical Polarization
Radiation Pattern	Omnidirectional
Input Impedance	50 Ω
Max Power Handling	5 W

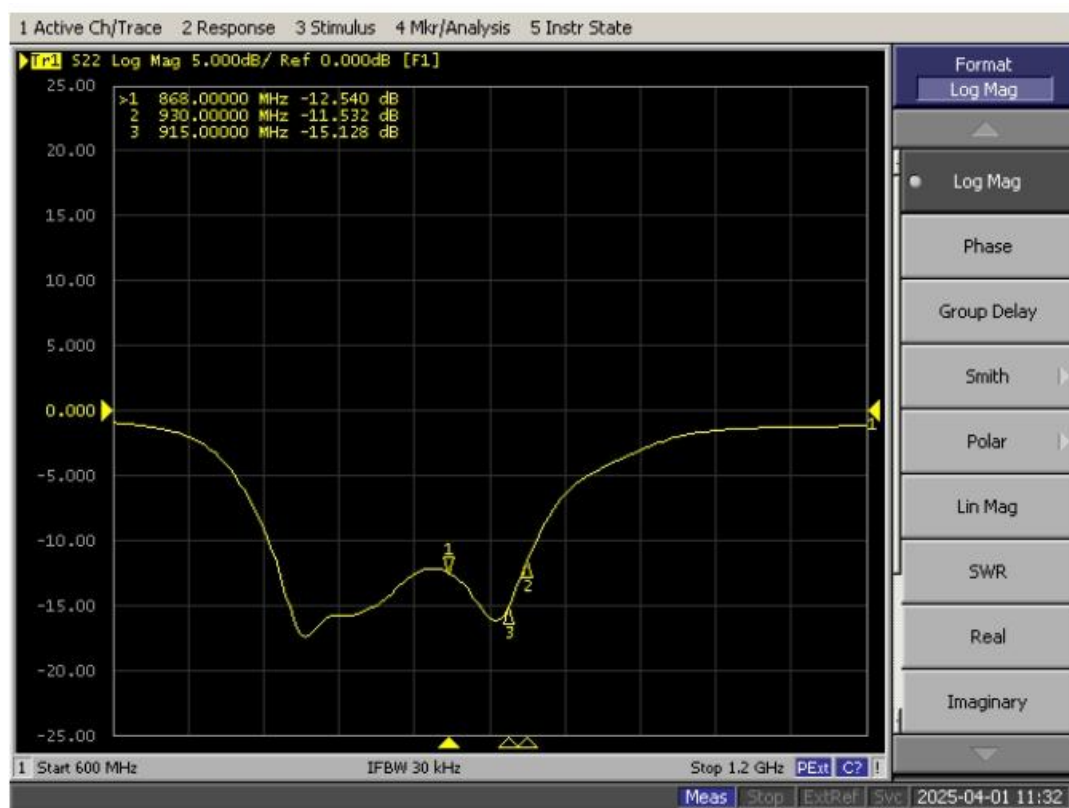
2、Mechanical & Other Parameters

Parameter	Value / Description
Antenna Dimensions	18.0 $\times$ 7.0 $\times$ 0.2 mm
Antenna Thickness	0.2 mm
Coaxial Cable Length	6 cm
Antenna Material	FPC (Flexible Printed Circuit)
Coaxial Cable Spec	RF0.81
Connector Type	IPEX 1st Generation
Operating Temperature	-30° C to +80° C

3、Antenna VSWR



4、Return Loss

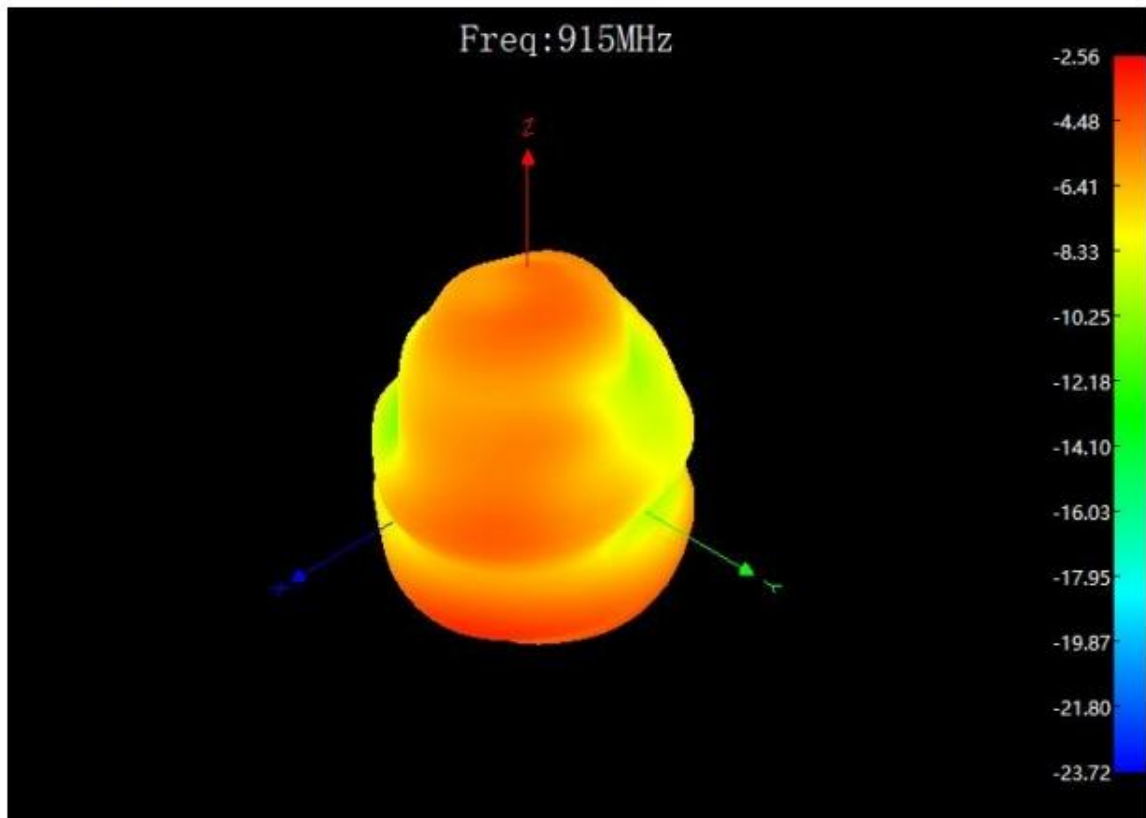


5、Antenna Gain & Efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
820	0.68	25.12
825	0.46	24.49
830	0	23.28
835	0.13	23.33
840	-0.56	22.03
845	-0.6	22.28
850	-1.08	21.28
855	-1.33	20.7
860	-1.63	21.04
865	-2.1	20.04
870	-2.23	20.04
875	-3	19.59
880	-2.77	20.23
885	-2.62	20.28
890	-3.31	19.5
895	-2.04	20.84
900	-2.65	19.91
905	-2.21	19.63
910	-1.9	19.63
915	-2.56	18.41
920	-2.2	18.62
925	-3.05	17.18
930	-2.86	16.6
935	-3.16	16.44
940	-3.45	15.07
945	-2.76	15.14
950	-3.32	14.29

6、3D Radiation Pattern

915MHz



7、Antenna size

