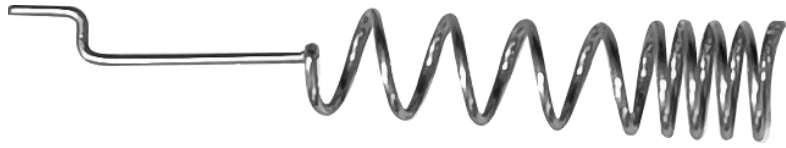


LoRa basic weather station 868-915 Antenna



PRODUCTS

Part No.	Weight	Cables Dimensions	Color
M04-0101870R0A		Φ5.6*37.12mm	Silver

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	860-928
VSWR (Max)	3:1
Peak Gain, dBi (Typ)	Up to 3.11 dBi
Peak Efficiency, %	57.06%
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	360°
Polarization	Linear
Color	Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	REACH/RoHS Compliant

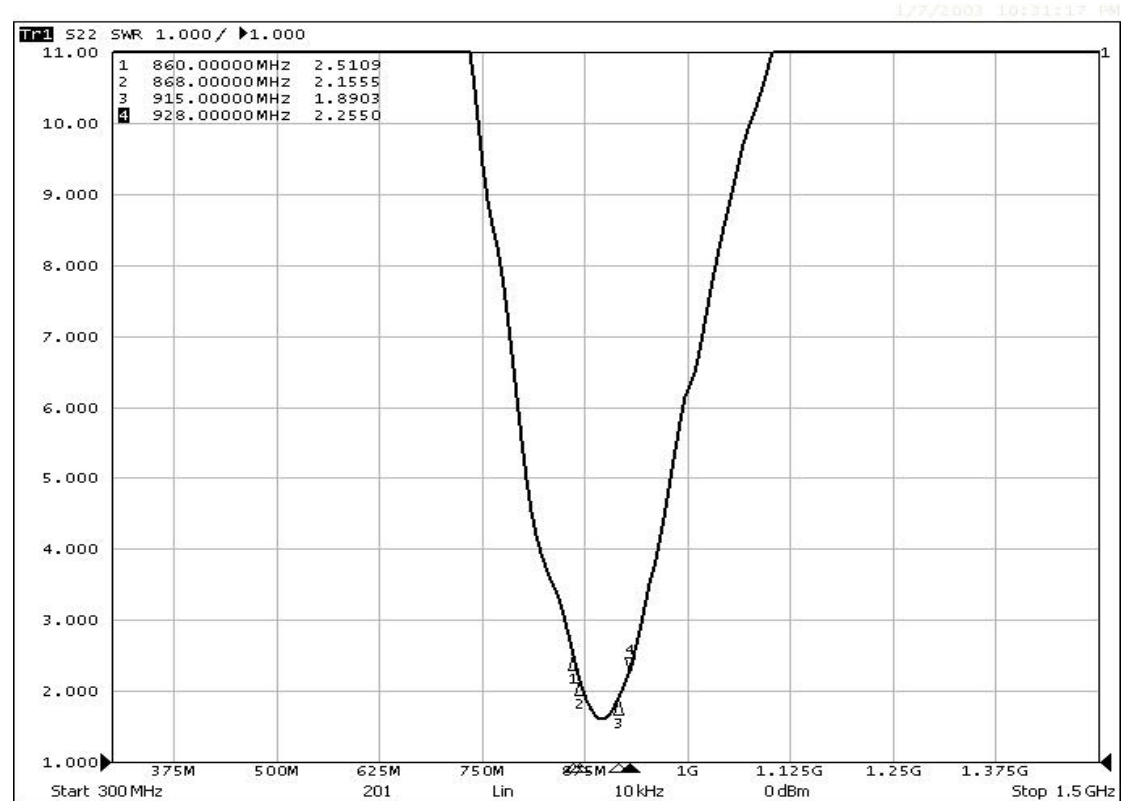
MyAntenna RF Technology Co., Ltd

ADD: Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen

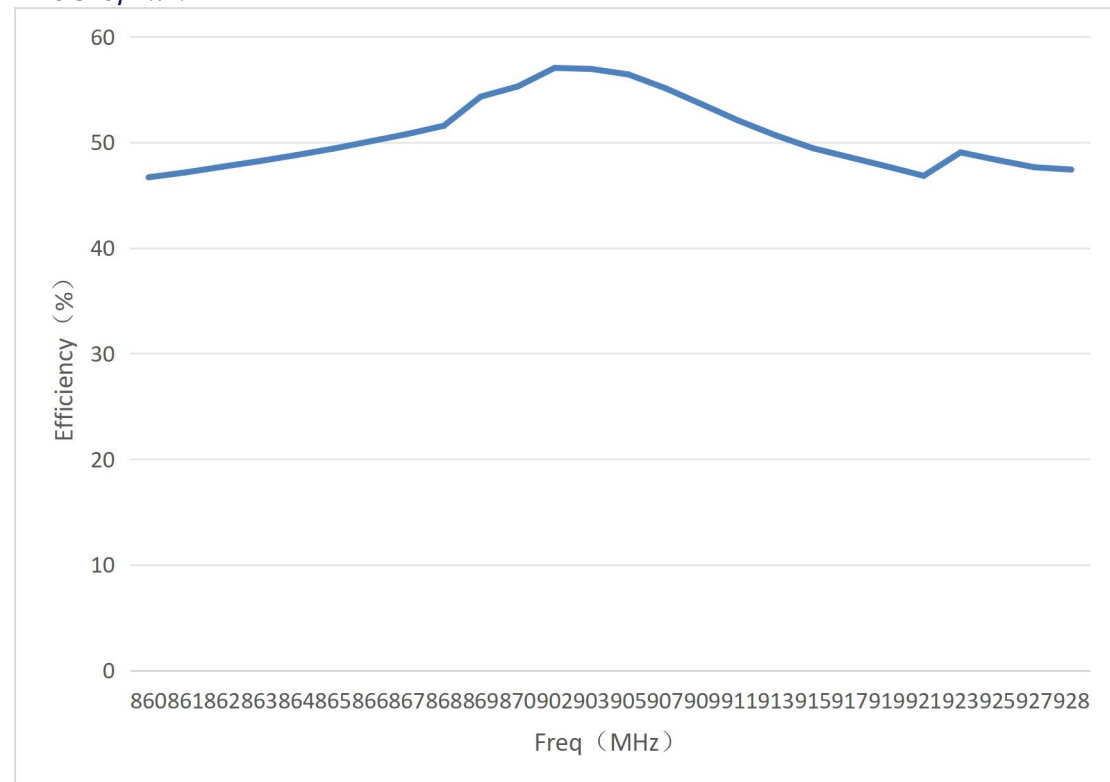
TEL: +86-0755-86503881 E-mail: nfc@myantenna.com

ELECTRICAL DATA

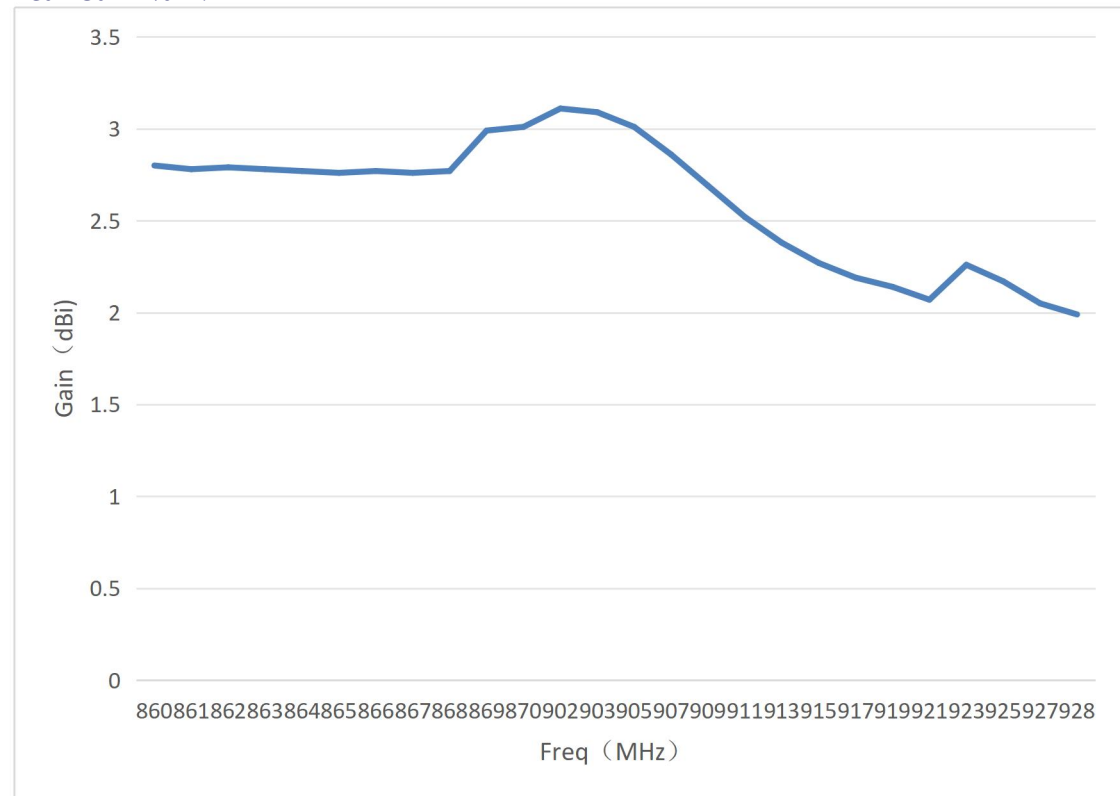
Return Loss



Efficiency (%)



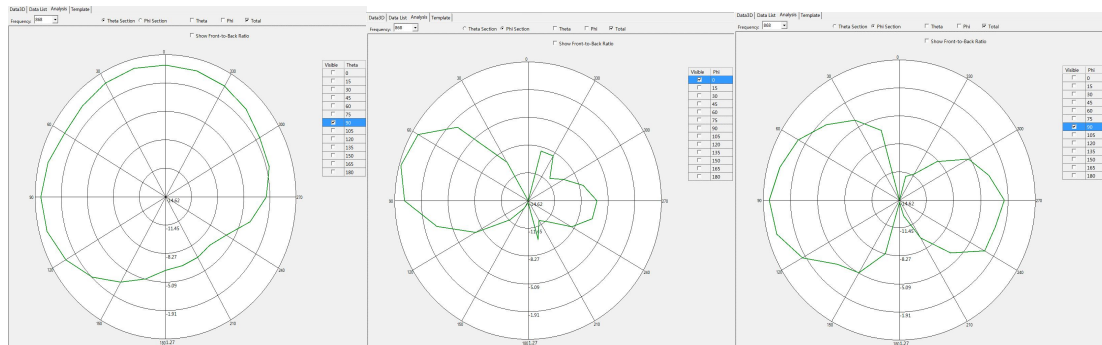
Peak Gain (dBi)



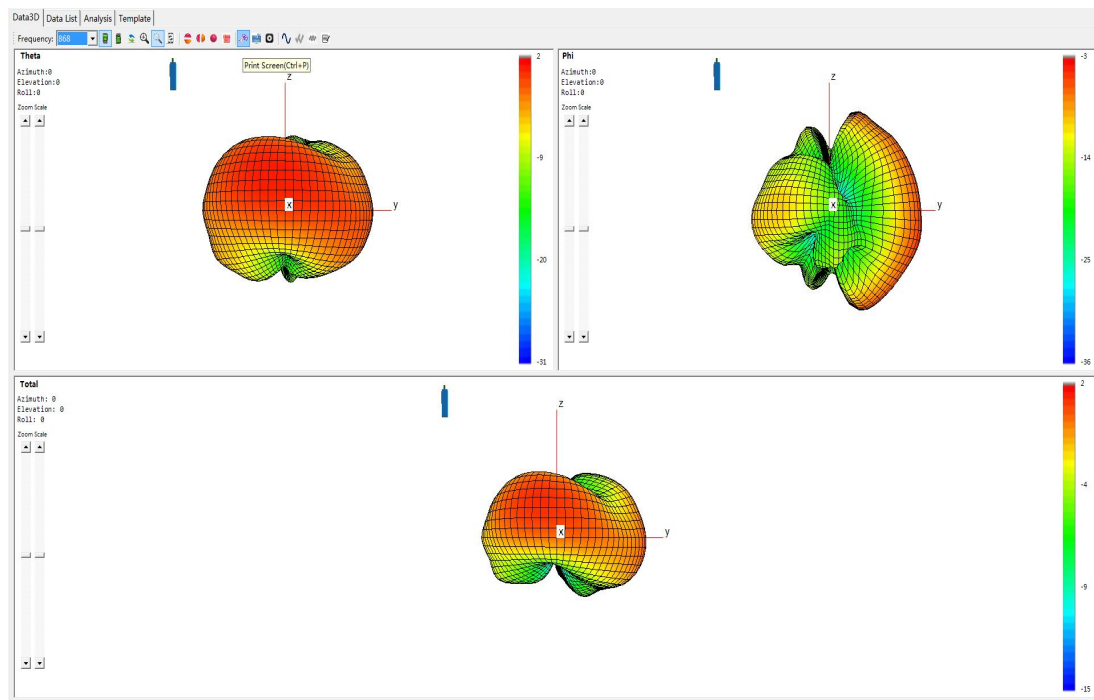
Freq (MHz)	Gain (dBi)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (%)
860	2.8	46.7	905	3.01	56.44
861	2.78	47.16	907	2.86	55.14
862	2.79	47.7	909	2.69	53.6
863	2.78	48.23	911	2.52	52.04
864	2.77	48.8	913	2.38	50.66
865	2.76	49.41	915	2.27	49.45
866	2.77	50.1	917	2.19	48.59
867	2.76	50.79	919	2.14	47.73
868	2.77	51.58	921	2.07	46.84
869	2.99	54.34	923	2.26	49.06
870	3.01	55.3	925	2.17	48.33
902	3.11	57.06	927	2.05	47.65
903	3.09	56.96	928	1.99	47.43

RADIATION PATTERNS

2D Radiation Pattern at 868MHz Gain =2.77dBi



3D Radiation Pattern at 868MHz Gain =2.77dBi



HOUSING CONFIGURATIONS

