

TRACKER-LoRa Antenna

RODUCTS

Part No.	Weight	Dimensions (L x W)	Color
M04-0102720R0A	7.1g	50.0*44.5*0.8mm	Green

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	860-928
VSWR (Max)	3.0: 1
Peak Gain, dBi	Up to 0.39
Peak Efficiency, %	Up to 54.2
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

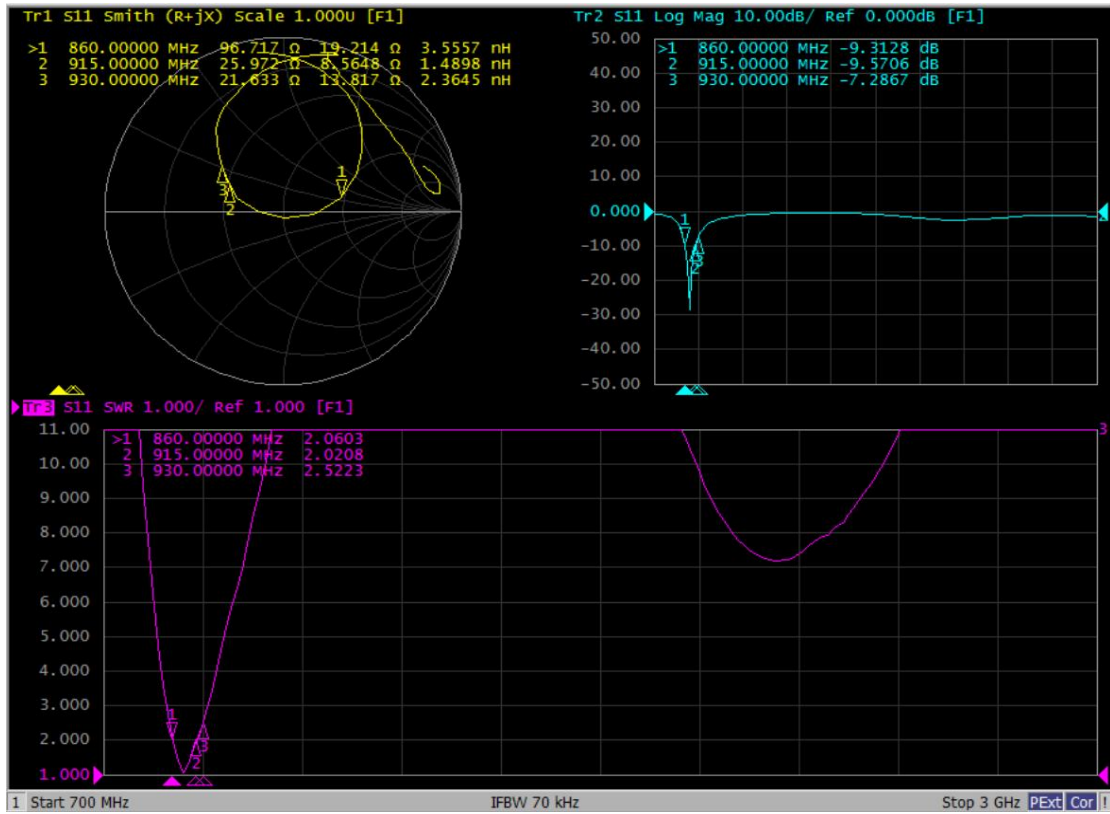
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

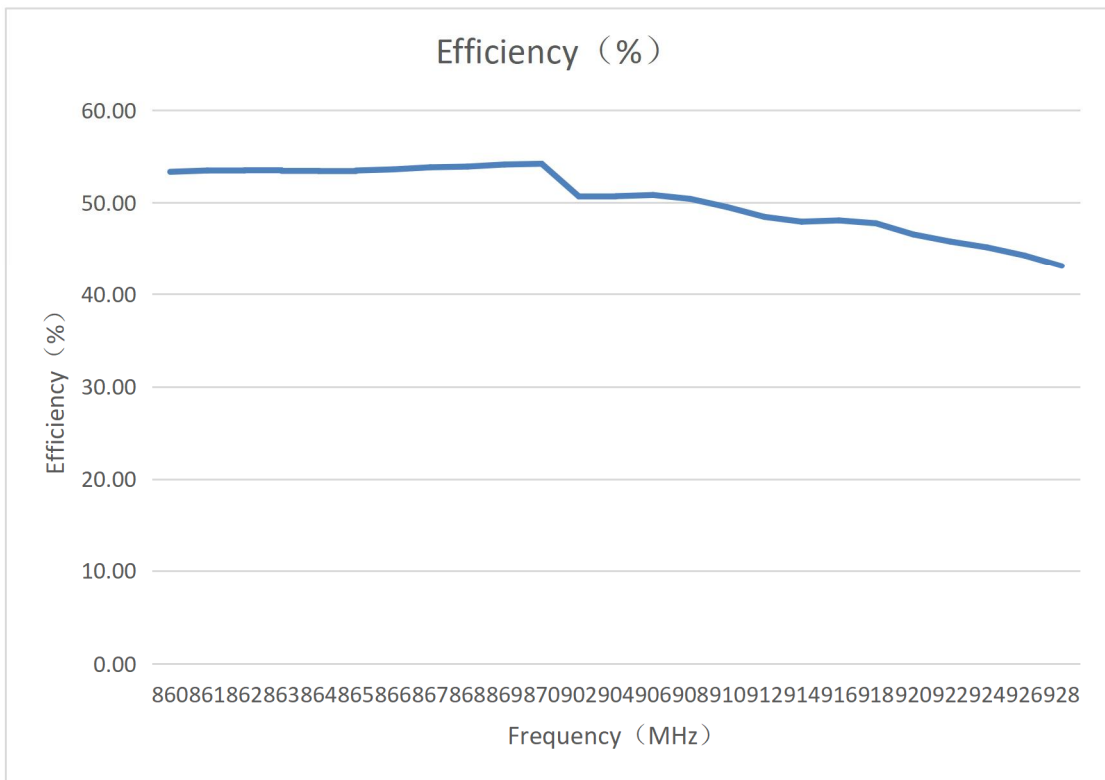
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@imyantenna.com

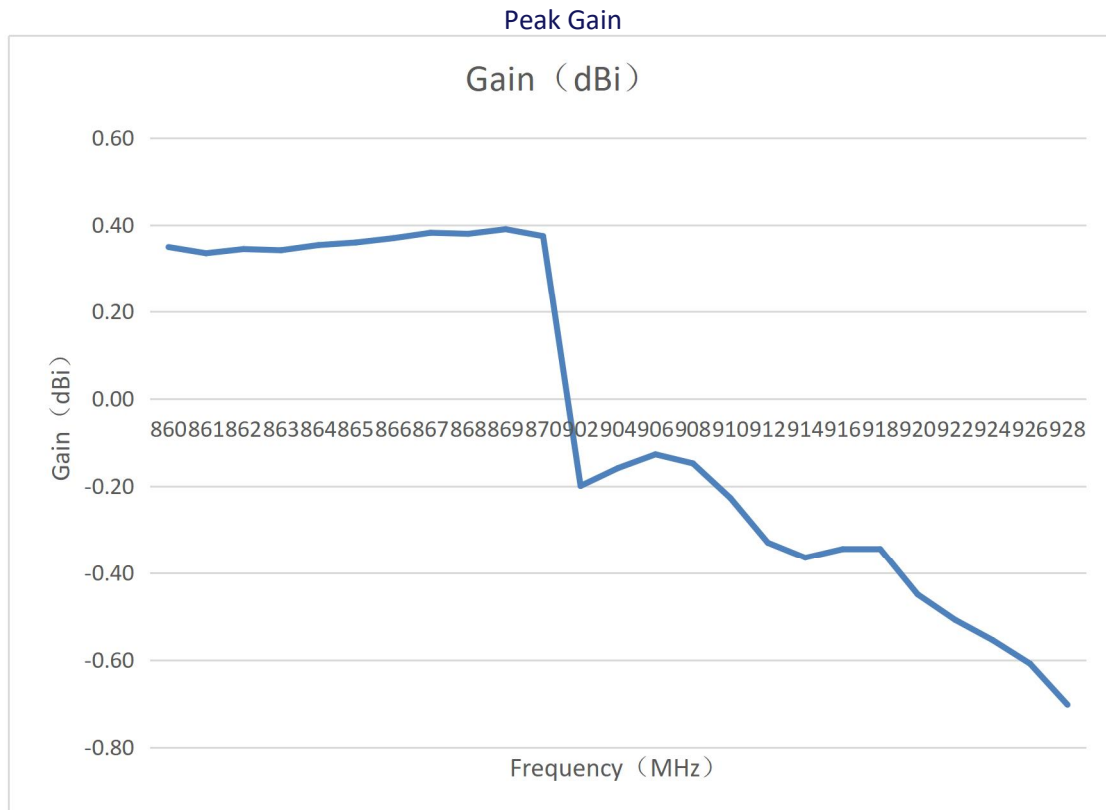
ELECTRICAL DATA

VSWR



Efficiency

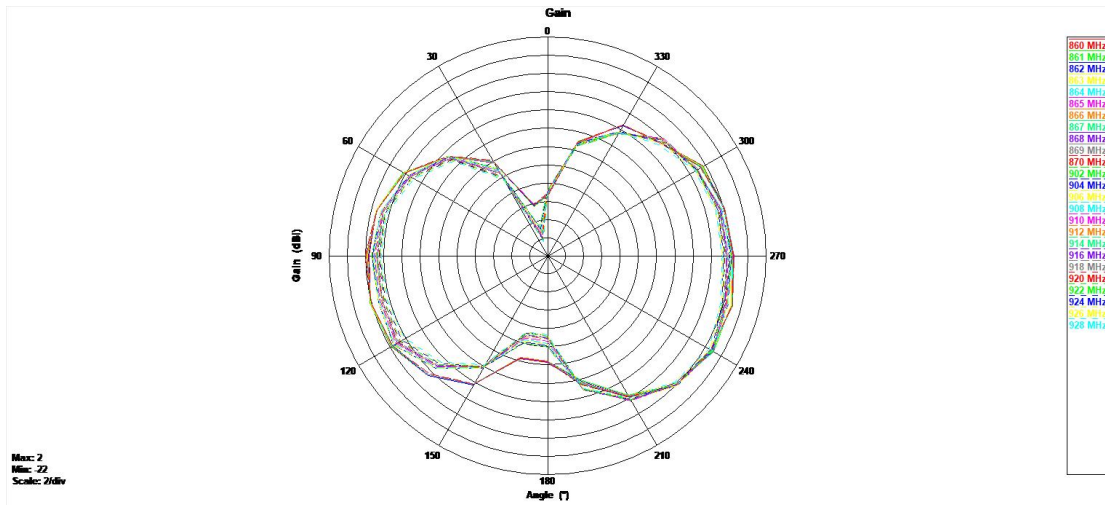




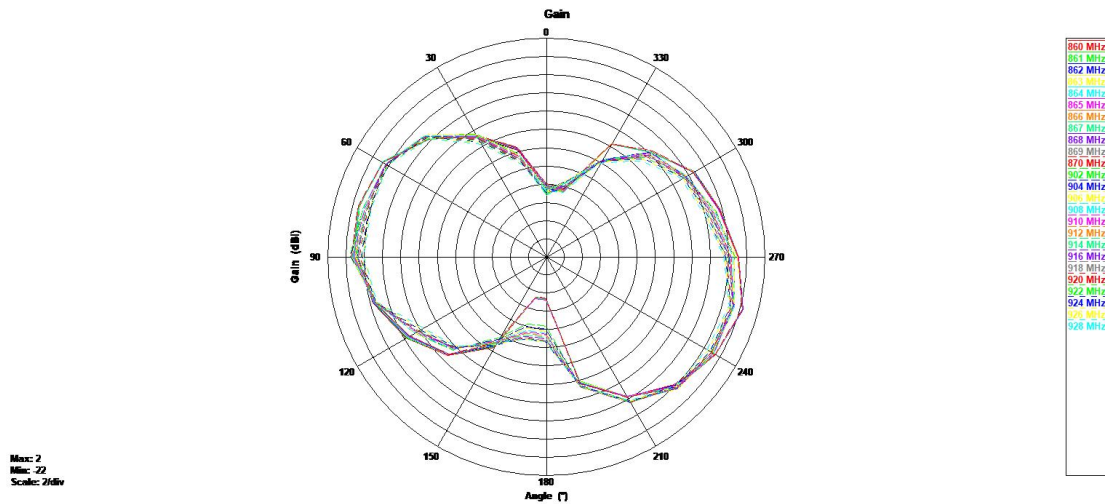
Frequency (MHz)	Efficiency (%)	Gain (dBi)	Frequency (MHz)	Efficiency (%)	Gain (dBi)
860	53.33	0.35	906	50.82	-0.13
861	53.48	0.34	908	50.40	-0.15
862	53.50	0.34	910	49.51	-0.23
863	53.43	0.34	912	48.46	-0.33
864	53.41	0.35	914	47.94	-0.36
865	53.47	0.36	916	48.08	-0.34
866	53.60	0.37	918	47.77	-0.34
867	53.82	0.38	920	46.56	-0.45
868	53.90	0.38	922	45.79	-0.51
869	54.12	0.39	924	45.15	-0.55
870	54.20	0.37	926	44.27	-0.61
902	50.67	-0.20	928	43.10	-0.70
904	50.70	-0.16			

RADIATION PATTERNS

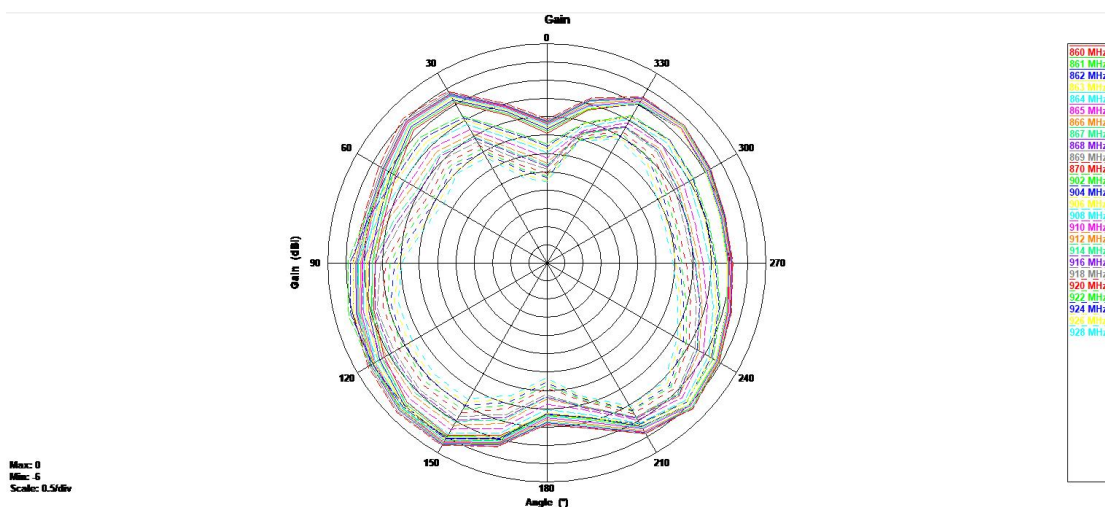
2D Radiation Pattern (Phi=0)



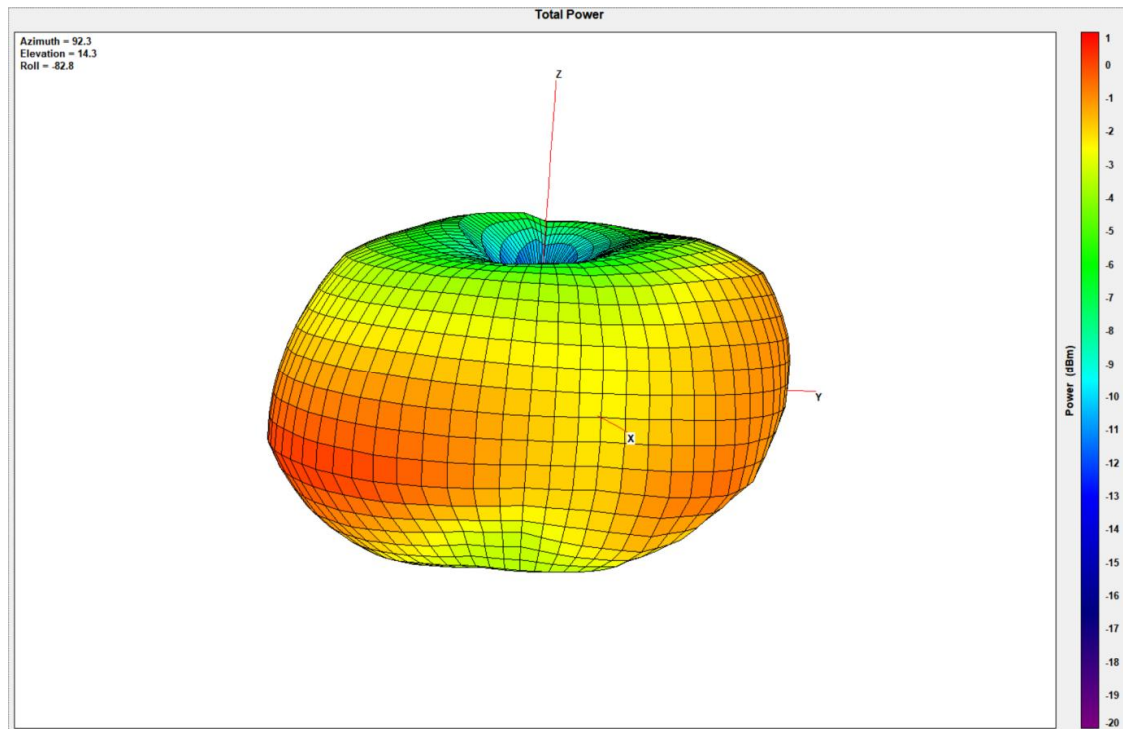
2D Radiation Pattern (Phi=90)



2D Radiation Pattern (Theta=90)



3D Radiation Pattern



HOUSING CONFIGURATIONS

