

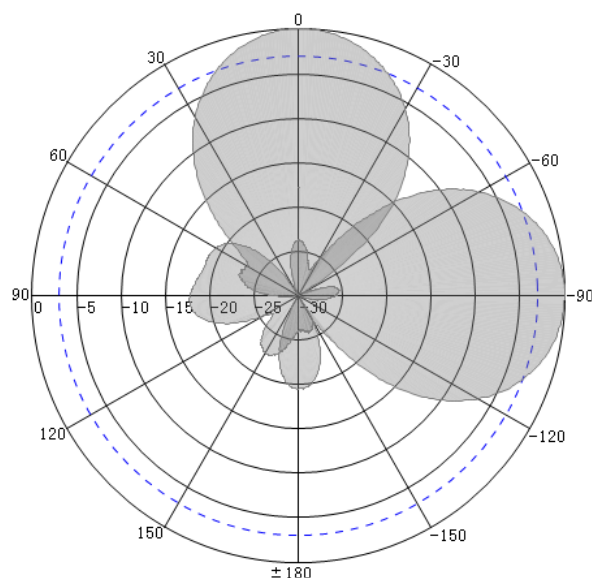


NRP-AN4409151201

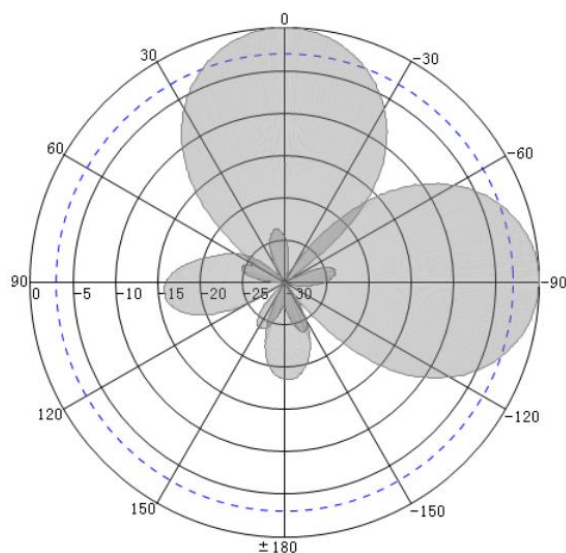
1、 summary description

The AN4409151201 is a antenna for 902-928M, it is applied in UHF RFID.

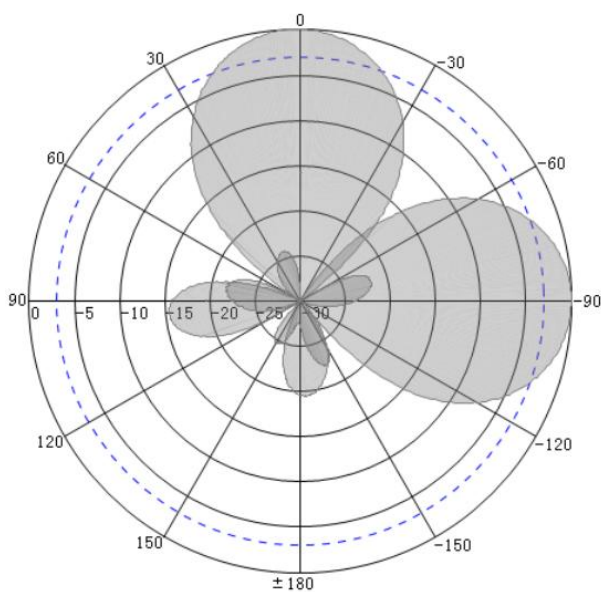
2、 Antenna pattern



Frequency	Polarization	peak	3db width	front-to-rear ratio	Direction value	Gain
902.25	vertical	-0.17	41.43	19.50	13.36	12.08
902.25	horizontal	-1.18	40.62	17.74	13.39	



Frequency	Polarization	peak	3db width	front-to-rear ratio	Direction value	Gain
915.75	vertical	2.70	41.41	18.52	13.42	12.02
915.75	horizontal	2.05	38.54	15.76	13.81	



Frequency	Polarization	peak	3db width	front-to-rear ratio	Direction value	Gain
927.75	vertical	2.90	40.33	19.47	13.59	12.01
927.75	horizontal	2.56	38.43	15.49	13.94	

3、Electrical specification



Electrical characteristic	
Frequency range	902-928MHz
Gain	12dBi
Polarization mode	H linear
Voltage standing wave ratio	≤ 1.3
impedance	50 Ω
Max. input power	100W
ESD protection	DC ground
RF interface	SMA
Mechanical characteristic	
size	440*440*90mm
Package size	60*48*11cm
weight	3.9kg
color	白色
Working temperature	-20-60℃
Waterproof class	IP65