

Antenna Specification

GM004

SingularXYZ Intelligent Technology Ltd.



Antenna GM004

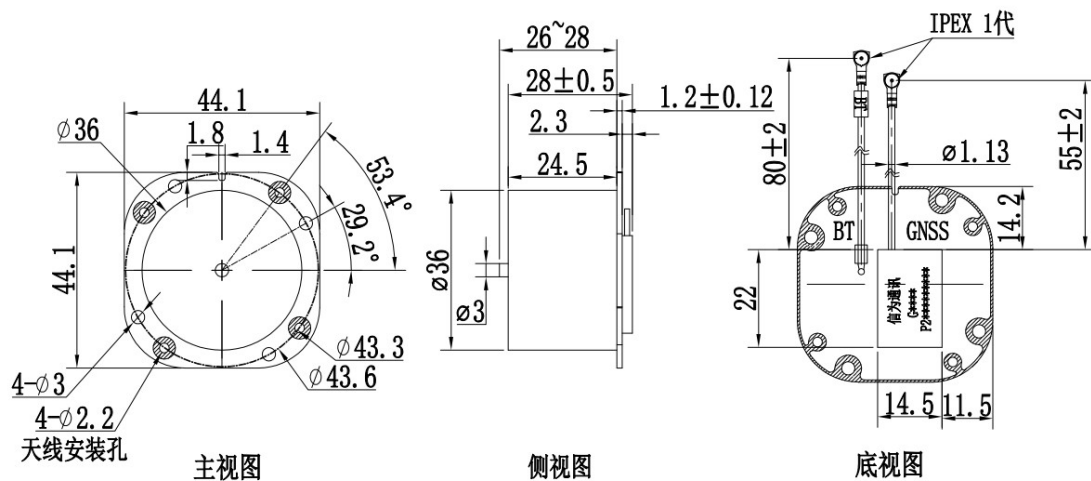
technical feature

1. passive antenna high gain, beam width, low elevation signal has good reception effect, and can still receive stars normally in the serious environment; 2. passive antenna working frequency band, can well support multi-system multiple frequency point work, greatly improve the system stability; 3. the volume is very small, light weight, high integration, greatly improve the product convenience; 4, the antenna belt suppression is high, can effectively avoid signal interference of communication base station.

technical parameter

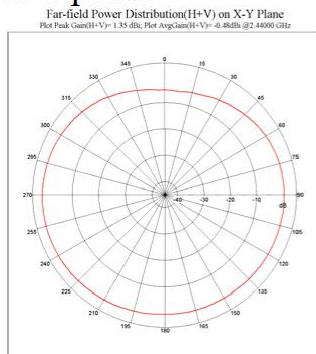
frequency range	2400~2483.5MHz			Joint form	IPEX generation BT cable added to prevent buckle error
impedance	50 ohm	noise factor	≤1.5dB	ANT SIZE	44.1*44.1*33.5mm
Polarization mode	right-handed	station wave	≤2.0		
Antenna axis ratio	≤3dB	plainness	±1dB	temperature	-40℃~+70℃
Horizontal plane coverage range	0° ~360°	Voltage	DC3.3~12V		
VSWR	≤1.5	Current	≤45mA		
Max Gain	2.5dBi				

structural property (±0.3mm)

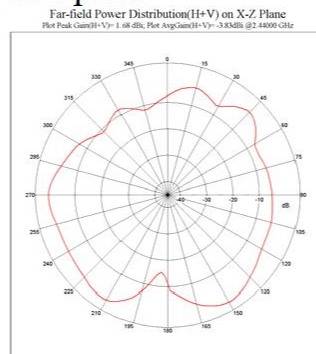


radiation pattern diagram

XY-plane



XZ-plane



YZ-plane

