
APPROVAL SHEET

CUSTOMER NAME 客户名称	Sound Extreme Inc.
PART NAME 品名	Wire Antenna
Antenna model 天线型号	24# UL1569
Manufacturer 制造商名称	Xingtel Xiamen Group Co., Ltd.
APPROVAL REV. 版次	A0
DELIVERY DATE 送样日期	2023.12.29
PREPARED BY 承办	
Manufacture add 地址	Xiamen Torch High tech Zone Torch Park Xinglian Electronics Building



Antenna technical parameters and environmental testing:

Electrical technical parameters			
Electrical signifier		Electrical Specifications	
Range of frequency	433 MHz	Frequency Range	433 MHz
Voltage standing wave ratio	<3.0	VSWR	<3.0
Impedance of input	50 Ω	Input Impedance	50 Ω
direction of	全向	Direction	All
gain	0dBi	Gain	0 dBi
Mechanical Specifications		Mechanical Specifications	
Antenna Color	copper	Antenna Color	copper
Input connector	/	Input connector	/
Cable length	173mm	Cable length	173mm
Working Temperature	-20℃~+70℃	Working Temperature	-20℃~+70℃
Working Humidity	20~80%	Working Humidity	20~80%

2D Test data

(433MHz Test data)

Frequency	Efficiency (%)	Gain. (dBi)
430MHz	40.76	-0.22
431MHz	41.70	-0.28
432MHz	44.04	-0.32
433MHz	45.40	0
434MHz	43.04	-0.43
435MHz	38.05	-0.82
436MHz	33.66	-2.15

(Phi 0 2D)

