



Sound Extreme Inc.

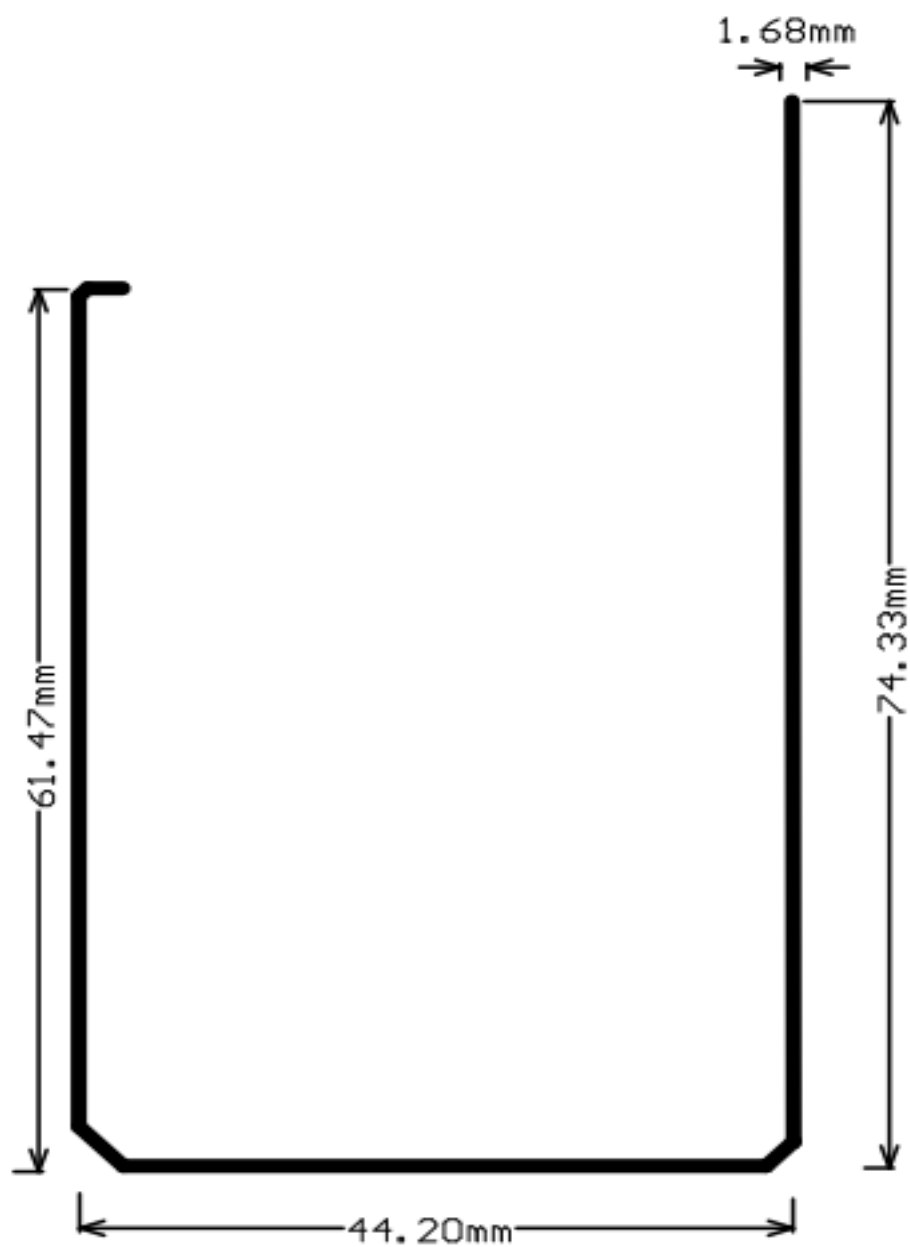
9212 Fry Road, Suite 105-351, Cypress, TX 77433, USA

APPROVAL SHEET

CUSTOMER NAME 客户名称	Sound Extreme Inc.
CUSTOMER P/N 客户料号	
PART NAME 品名	PCB Antenna
P/ N 料号	YJC-6N030-B09
APPROVAL REV. 版次	A0
DELIVERY DATE 送样日期	2023. 02. 21
PREPARED BY 承办	
CHECKED BY 审核	



Antenna plan:





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	BLACK	Antenna Color	BLACK
Input connector	IPEX(II)	Input connector	IPEX(II)
Cable length	30mm	Cable length	30 mm
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	-0.29
431MHz	41.70	-0.38
432MHz	44.04	-0.42
433MHz	45.40	0
434MHz	43.04	-0.43
435MHz	38.05	-0.91
436MHz	33.66	-2.45

(Phi 0 2D)

