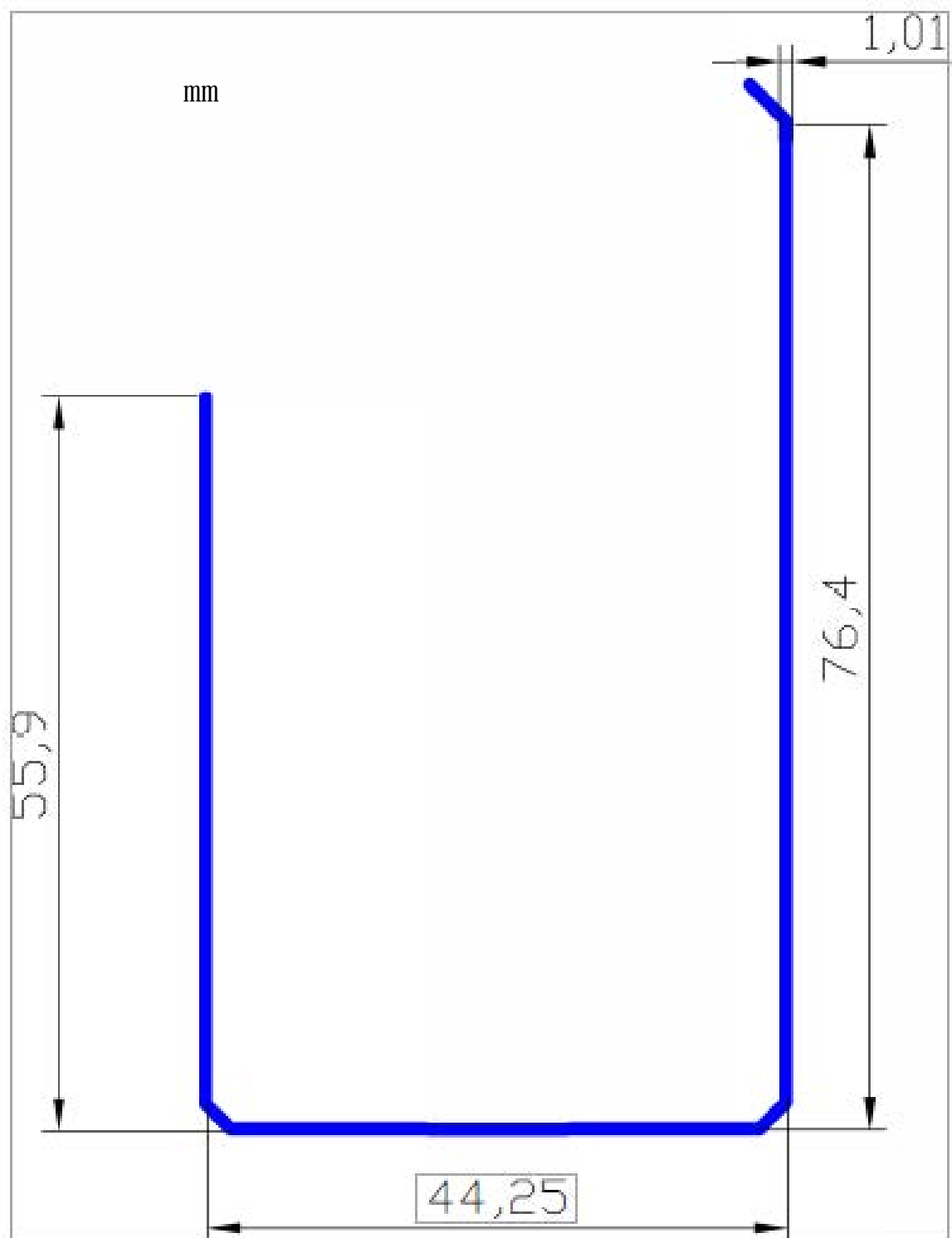

APPROVAL SHEET

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	
APPROVAL REV. 版次	A0
DELIVERY DATE 送样日期	2023. 04. 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	golden	Antenna Color	golden
Input connector	/	Input connector	/
Cable length	/	Cable length	/
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)

