

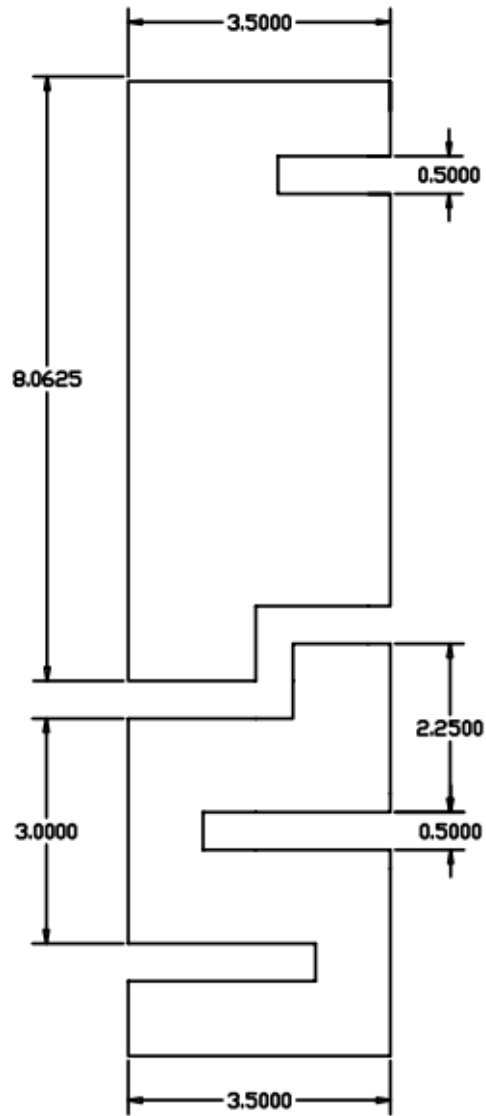
SPECIFICATION FOR APPROVAL

Company name : Shenzhen Huazhi Innovation Technology Co., Ltd.

Specifications and models : TK78-66-9U0C

Recognition of signature					
Vendor name					
工 程 师 Engineer	审 核 Audit	批 准 Approve	工 程 师 Engineer	审 核 Audit	批 准 Approve
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日 期		2023-3-17	日 期		
备注 (客户填写):					

1. Antenna Dimensions (unit: mm)



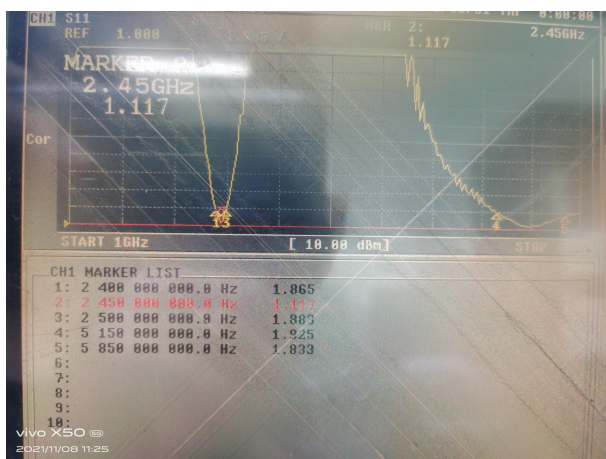
2. Electrical Specifications

2-1

Characteristics	Specifications	Unit
Gain(MAX)	2.4G-2.52dBi/5.8G-2.56dBi	dBi
Center Frequency	2.4G -2.5G 5.15G-5.85G	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

2-2.

VSWR



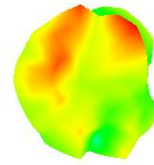
S11



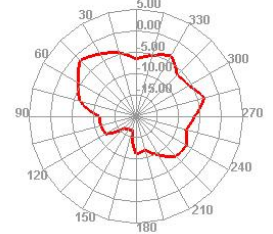
2-3 Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.88	-3.88	2.32
2410	42.15	-3.75	2.52
2420	40.4	-3.94	2.33
2430	39.34	-4.05	2.21
2440	39.68	-4.01	2.23
2450	38.93	-4.1	2.2
2460	37.83	-4.22	2.01
2470	37.58	-4.25	2.03
2480	39.04	-4.09	2.01
2490	42.14	-3.75	2.26
2500	44.5	-3.52	2.4

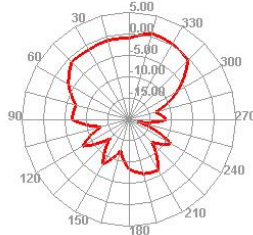
2450.000MHz



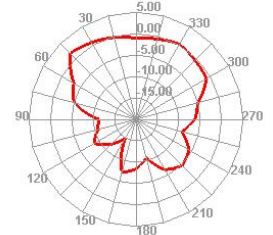
2450.000MHz H



2450.000MHz E1

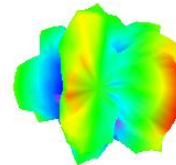


2450.000MHz E2

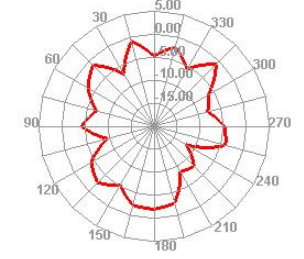


Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	38.05	-4.2	1.79
5250	35.12	-4.54	2.76
5550	36.63	-4.36	1.85
5750	37.17	-4.3	2.56
5850	34.32	-4.64	1.57

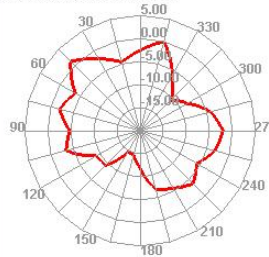
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

