



SPECIFICATION

APPLICATION FOR APPROVAL

CUSTOMER : MeiG Smart Technology Co., Ltd
CS P/N : DNBIB
PART NAME :
DEVE NO. : AUK02456B-WIFI2
PART NAME :
DATE : Apr. 15, 2023

Customer confirmation:			
RF Engineer	ME Engineer	Manager	PM
AUDEN COMMUNICATIONS & MULTIMEDIA TECHNO (KUNSHAN) CO.,LTD			
RF Engineer	ME Engineer	PM	Manager
Jie.lv	Hongxue.Cheng	Xianwen.Wang	Jianjun.mao

Head Quarter

Auden Techno(KUNSHAN)CO.LTD
NO.15 YING-BIN ROAD, LUYANGTOWN, KUNSHAN ,
JIANGSU,CHINA

Branch

Auden Techno(KUNSHAN)CO.LTD. Xi 'an branch
E1-04, zhongxing industrial park, no.10 tangyan south road,high-tech
zone, xi 'an

Auden Techno(KUNSHAN)CO.LTD. Shenzhen branch
Address: 201-202, 2nd floor, building A, zone 5, honghualing
industrial zone, taoyuan street, nanshan district, shenzhen (southern
district)

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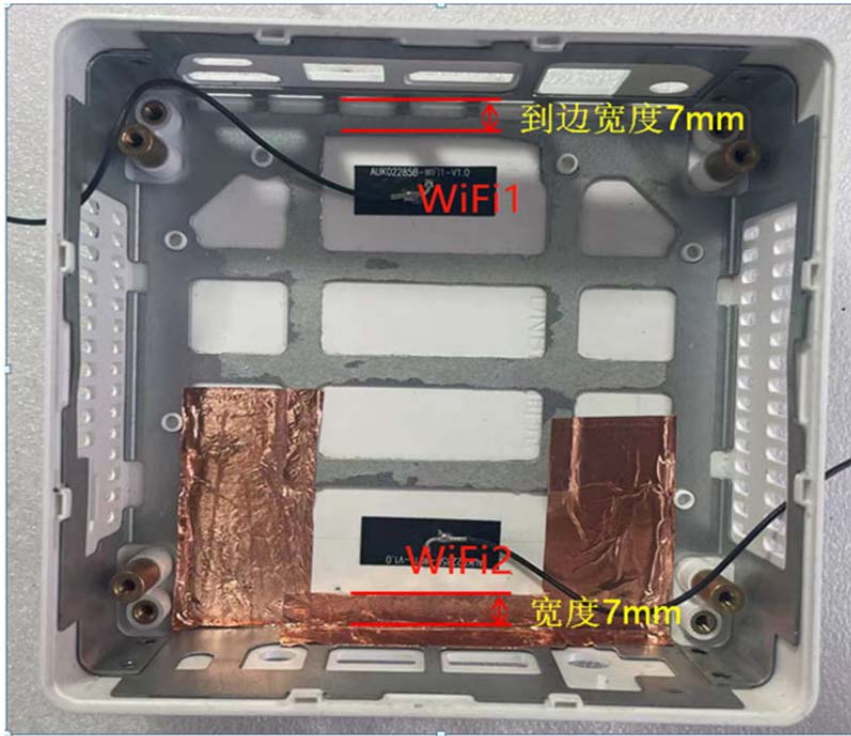
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The Basic Parameters

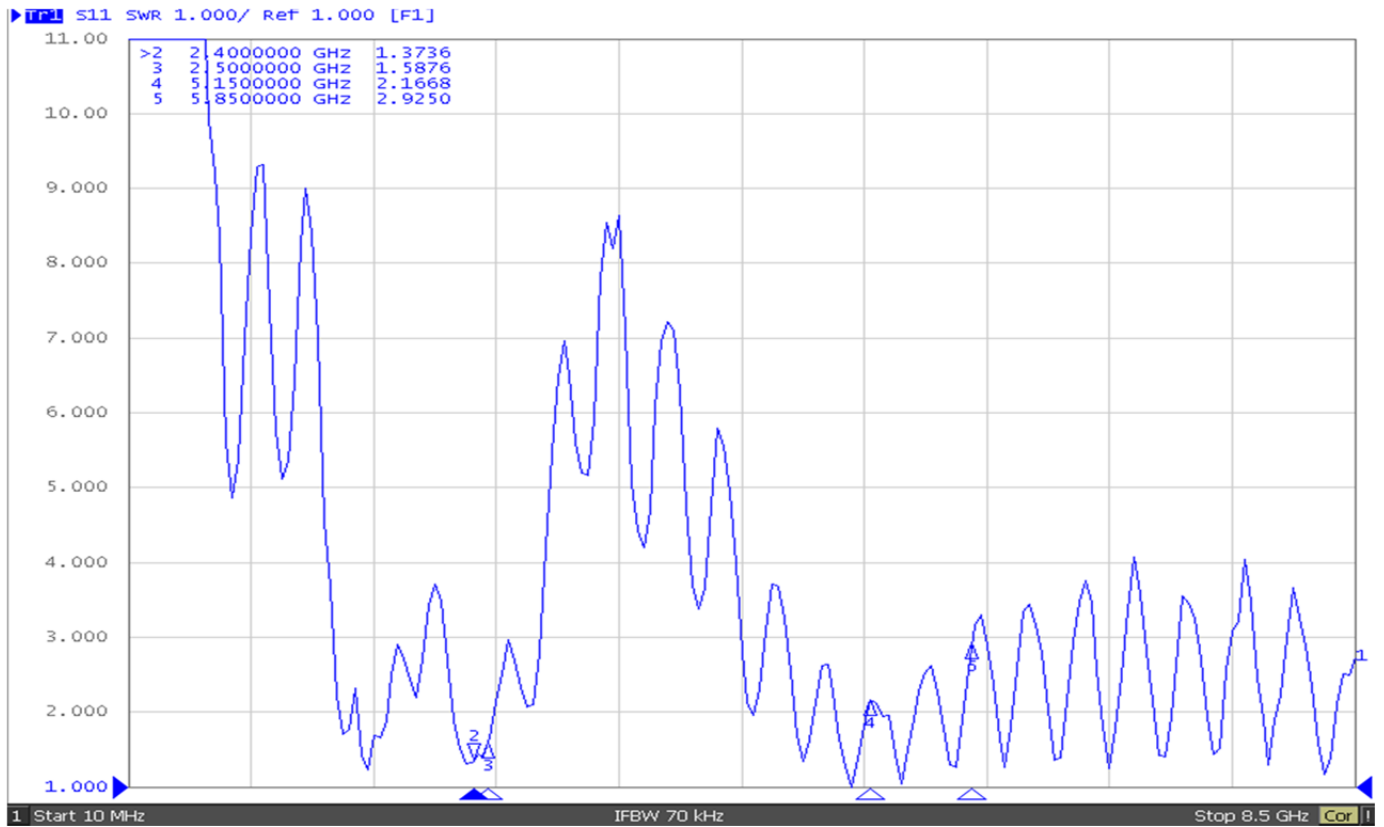
Item	Specifications
Antenna structure composition	FPC+CABLE
Frequency	2.4g~5.8g
V. S. W. R	≤ 3
Gain	≤ 6
Polarization	Linear polarization
Impedance	50 Ω
Material	not
Joint type	IPEX 4 代
Operation temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Humidity	Non-condensing 65°C 95% RH
illustration	

RF Performance Test Report

Antenna assembly location



WIFI2-V.S.W.R



WIFI2 - PASSIVE TEST DATA

Freq	E ffi(%)	G a in(dB i)	Freq	E ffi(%)	G a in(dB i)
2.4G	42.42	1.26	5.15G	47.75	4.32
2.41G	41.89	1.12	5.2G	46.03	4.01
2.42G	43.83	1.48	5.25G	42.36	3.68
2.43G	43.12	1.39	5.3G	48.31	4.22
2.44G	44.48	1.55	5.35G	46.99	4.26
2.45G	48.36	1.8	5.4G	45.29	3.79
2.46G	47.9	1.8	5.45G	45.97	2.58
2.47G	46.67	1.68	5.5G	47.93	3.14
2.48G	46.41	1.76	5.55G	44.59	3.08
2.49G	45.56	1.78	5.6G	44.04	2.61
2.5G	43.36	1.57	5.65G	46.56	3.97
			5.7G	53.7	5.06
			5.75G	48.75	4.96
			5.8G	40.27	4
			5.85G	43.85	4.43

Active test data

	channel	TRP	TIS
802.11a	36	14.56	-71.56
	100	14.17	-70.98
	165	14.93	-71.23
802.11b	1	12.87	-82.59
	7	12.66	-82.16
	11	12.74	-82.73
802.11g	1	13.18	-69.87
	7	13.56	-69.49
	11	13.32	-70.21

Product Drawing

