



SPECIFICATION

APPLICATION FOR APPROVAL

CUSTOMER : MeiG Smart Technology Co., Ltd
CS P/N : F7BSD
PART NAME :
DEVE NO. : AUKO2470B-WIFI2
PART NAME :
DATE : Apr. 02, 2025

Customer confirmation:			
RF Engineer	ME Engineer	Manager	PM
AUDEN COMMUNICATIONS & MULTIMEDIA TECHNO (KUNSHAN) CO.,LTD			
RF Engineer	ME Engineer	PM	Manager
Guanliang.hu	Luyang.yuan	Yuanqin.zhang	Xianwen.wnag

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

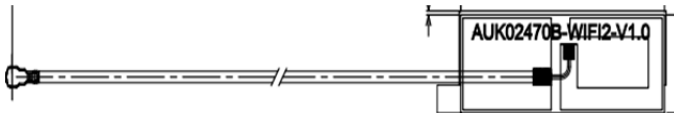
Auden Techno(KUNSHAN)CO.LTD. Shenzhen branch
Address: 201-202, 2nd floor, building A, zone 5, honghualing
industrial zone, taoyuan street, nanshan district, shenzhen (southern
district)



INDEX

- 一、 Cover
- 二、 Index
- 三、 The Basic Parameters
- 四、 RF Performance Test Report
- 五、 Product Drawing

The Basic Parameters

Item	Specifications
Antenna structure composition	FPC+CABLE
Frequency	2.4g~7.2g
V. S. W. R	≤ 3
Gain	≤ 4
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



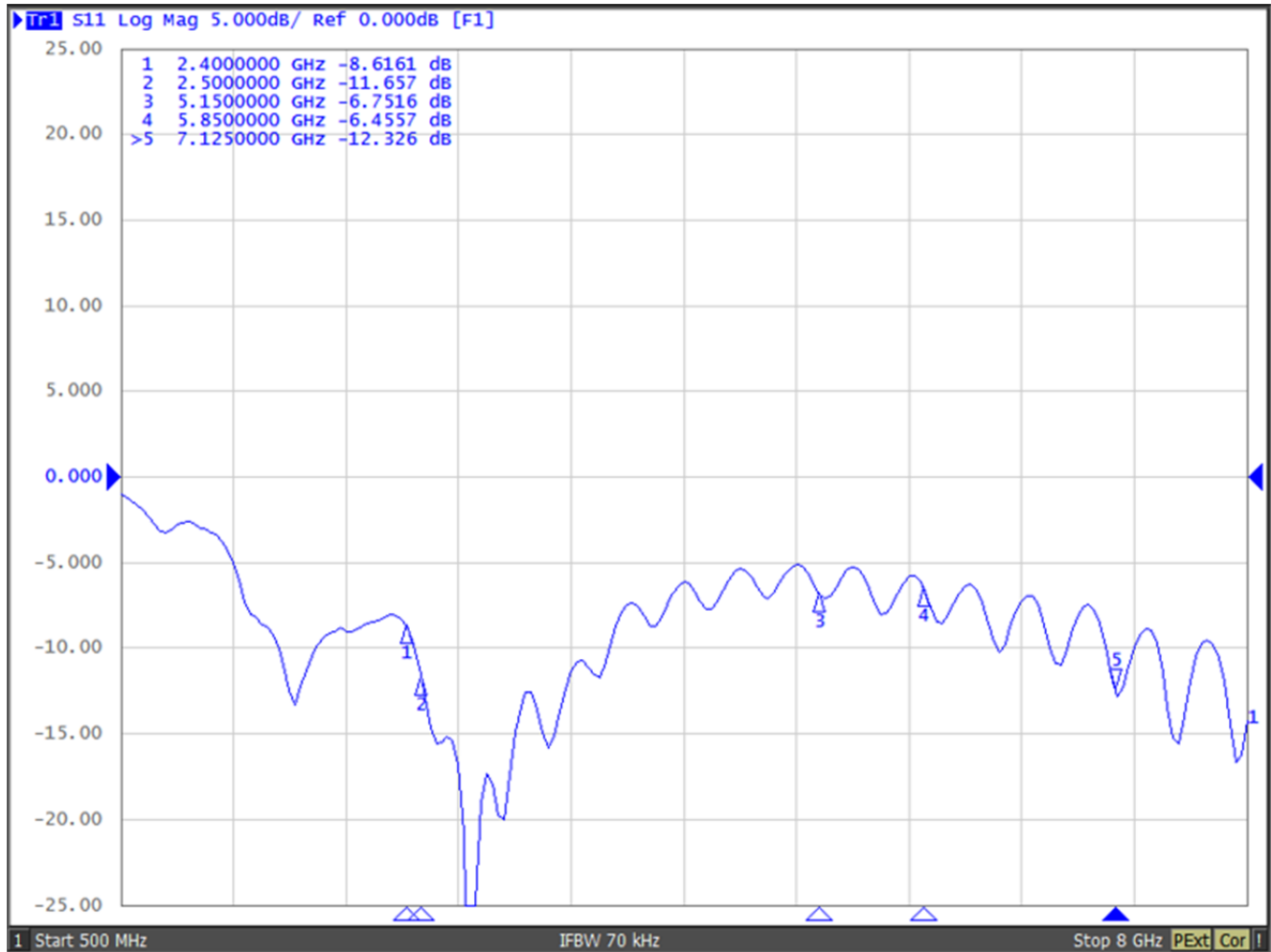
WIFI-2
灰色cable线

WIFI-1
黑色cable线



WIFI-2 Antenna Standing Wave &

Passive VSWR



Efficiency & Gain

测试频率	Efficiency-%	Gain(dBi)	测试频率	Efficiency-%	Gain(dBi)
2400	21.82	-0.68	5650	6	-4.62
2410	21.52	-0.75	5750	6.17	-4.31
2420	21.33	-0.79	5850	6.43	-3.69
2430	21.08	-0.92	5925	7.78	-3.04
2440	21.26	-0.92	6025	7.83	-3.85
2450	21.23	-0.92	6125	7.51	-4.59
2460	21.36	-0.84	6225	8.4	-3.67
2470	21.94	-0.56	6325	10.74	-2.01
2480	22.27	-0.27	6425	10.75	-1.89
2490	22.13	-0.15	6525	10.1	-3.19
2500	22.16	-0.05	6625	11.18	-3.41
5150	5.29	-5.02	6725	14.19	-2.58
5250	5.03	-5.11	6825	13.01	-2.19
5350	4.77	-5.87	6925	10.2	-3.01
5450	4.44	-6.82	7025	11.69	-1.64
5550	5.71	-5.03	7125	12.99	-0.63

Product Drawing

