



SPECIFICATION

APPLICATION FOR APPROVAL

CUSTOMER : MeiG Smart Technology Co., Ltd
CS P/N : F7BSD
PART NAME :
DEVE NO. : AUKO2470B-WIFI1
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



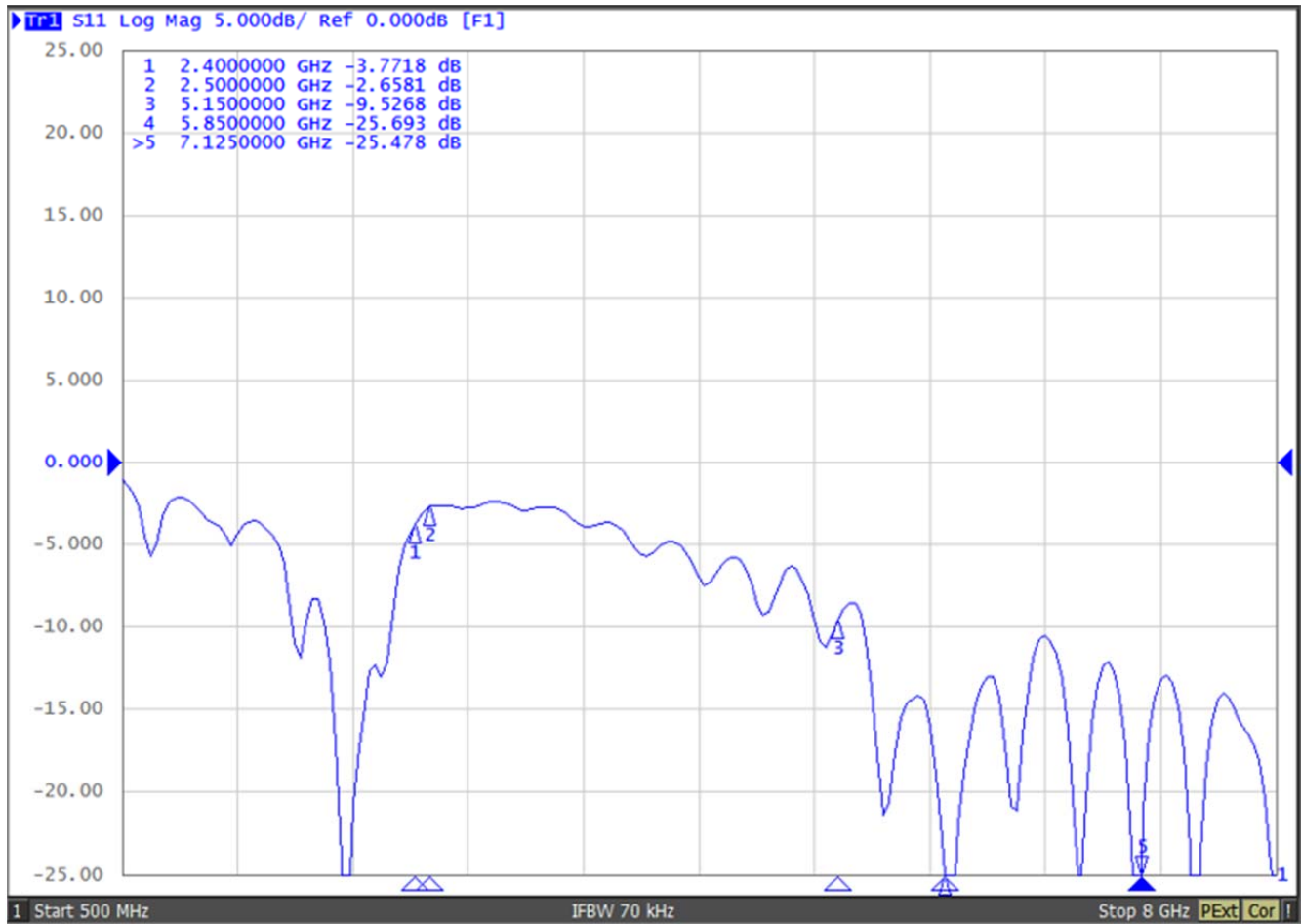
WIFI-2
灰色cable线

WIFI-1
黑色cable线



WIFI-1 Antenna Standing Wave & Passive

VSWR



Efficiency & Gain

测试频率	Efficiency-%	Gain(dBi)	测试频率	Efficiency-%	Gain(dBi)
2400	7.15	-3.78	5650	22.87	1.71
2410	6.62	-4.15	5750	24.19	2.17
2420	6.27	-4.3	5850	24.19	2.15
2430	6.14	-4.42	5925	24.47	2.59
2440	6.01	-4.61	6025	21.91	2.35
2450	5.71	-4.92	6125	23.02	2.23
2460	5.46	-5.27	6225	23.31	2.18
2470	5.31	-5.47	6325	25.06	2.03
2480	5.21	-5.67	6425	23.42	0.63
2490	5.13	-5.83	6525	21.49	0.24
2500	5.17	-5.81	6625	21.27	0.04
5150	24.17	0.46	6725	23.02	0.77
5250	21.65	0.1	6825	21.67	1.48
5350	24.07	1.07	6925	18.12	0.53
5450	24.32	2.13	7025	19.15	0.23
5550	24.79	1.86	7125	19.11	0.1

Product Drawing

