



SPECIFICATION

APPLICATION FOR APPROVAL

CUSTOMER : MeiG Smart Technology Co., Ltd
CS P/N : DNBIB
PART NAME :
DEVE NO. : AUK02456B-WIFI1
PART NAME :
DATE : Apr. 15, 2023

Customer confirmation:			
RF Engineer	ME Engineer	Manager	PM
AUDEN COMMUNICATIONS & MULTIMEDIA TECHNO (KUNSHAN) CO.,LTD			
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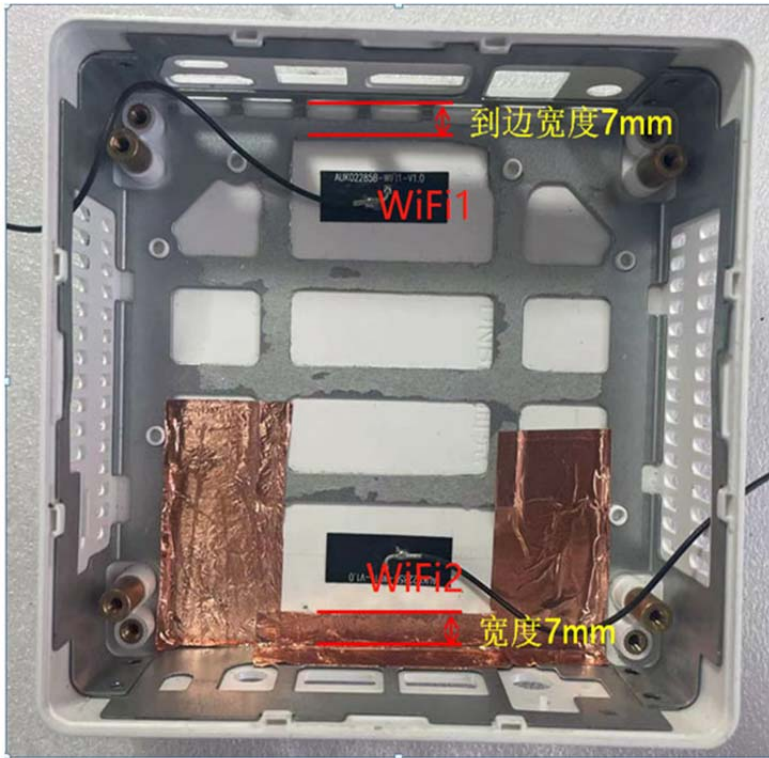
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The Basic Parameters

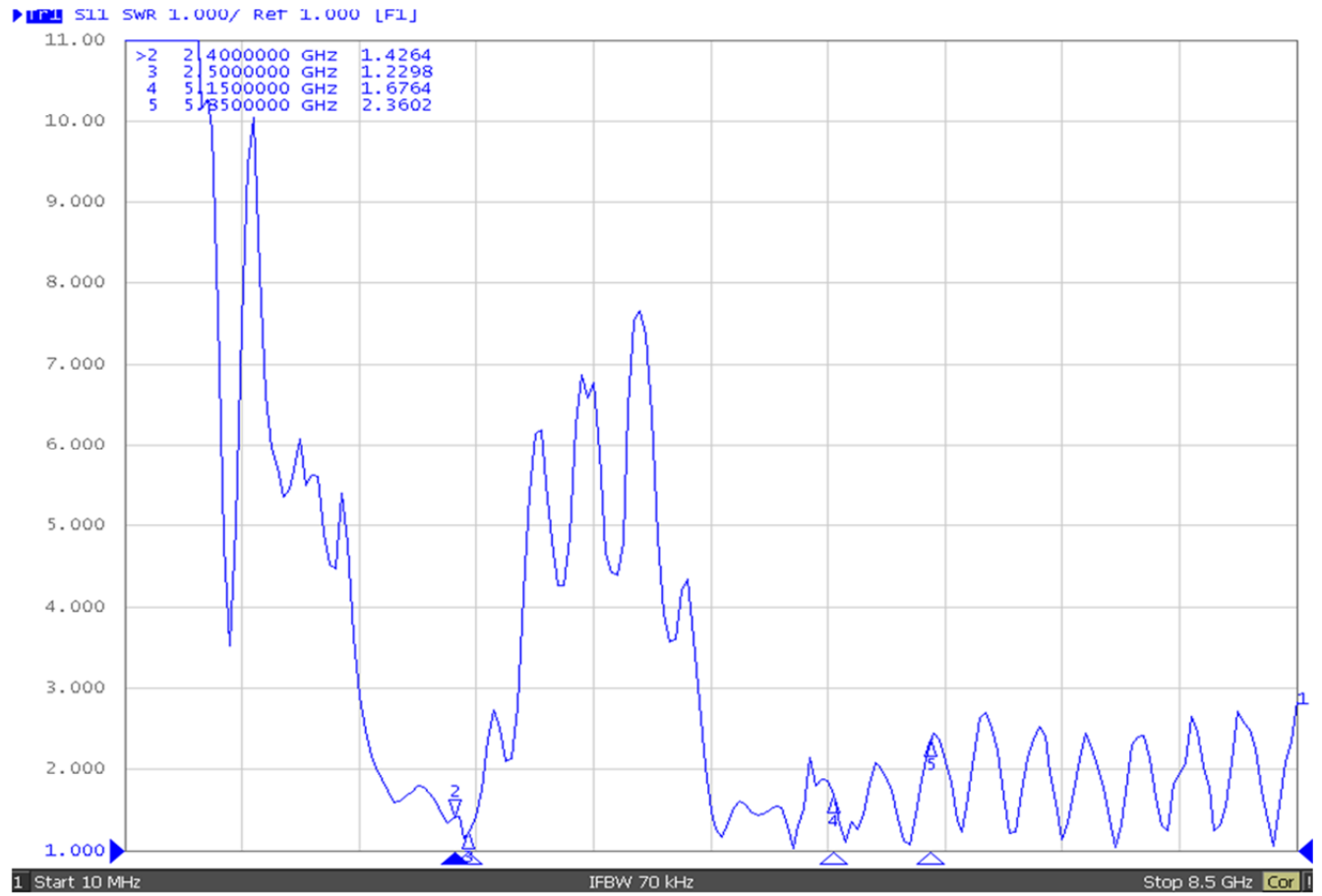
Item	Specifications
Antenna structure composition	FPC+CABLE
Frequency	2.4g~5.8g
V. S. W. R	≤ 3
Gain	≤ 6
Polarization	Linear polarization
Impedance	50 Ω
Material	not
Joint type	IPEX 4 代
Operation temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Humidity	Non-condensing 65°C 95% RH
illustration	

RF Performance Test Report

Antenna assembly location



WIFI1-V.S.W.R



WIFI1 - PASSIVE TEST DATA

Freq	E ffi(%)	G a in(dB i)	Freq	E ffi(%)	G a in(dB i)
2.4G	50.82	2.83	5.15G	45.08	4.81
2.41G	49.09	2.55	5.2G	48.64	4.82
2.42G	49.66	2.36	5.25G	47.42	4.8
2.43G	48.75	2.33	5.3G	49.77	5.05
2.44G	47.21	2.65	5.35G	48.42	4.61
2.45G	50.47	3.26	5.4G	49.81	4.24
2.46G	49.77	3.44	5.45G	42.89	3.36
2.47G	48.75	3.41	5.5G	49.17	3.96
2.48G	49.32	3.51	5.55G	47.15	4.42
2.49G	47.53	3.32	5.6G	49.9	4.89
2.5G	44.87	3.01	5.65G	43.65	4.7
			5.7G	46.67	4.91
			5.75G	46.13	5.5
			5.8G	43.26	4.64
			5.85G	46.99	4.64

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

