



样品承认书

Specification For Approval

客户名称: 毅华盛世

适配机型: 车载导航

天线类型: 5Gwifi ANT

工作频段: 5GHz

料号: SF497A-2R11B-250-A

Manufacturer: Able China (HK) Ltd.

Address: Room 907, Block A, Tonic Industrial Ltd., 26 Kai Cheung Rd., Kln Bay

客户 (Customer)

	采购	研发/工程	品质

供应商 (Supplier)

	工程制作	工程审核	业务
	LTT		



2: Overview

(1)Antenna performance

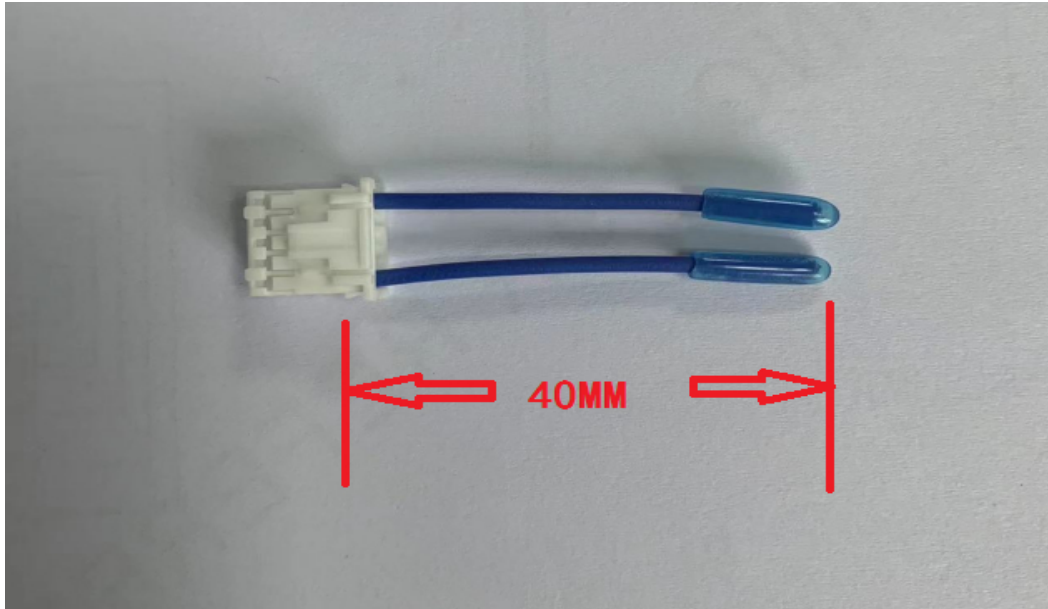
- 1.This approval sheet supports for MID project. PCB antennas include in this project. This report is for the performance of WIFI antenna.
- 2.Antenna shape size: Meet the requirement of MID
- 3.Antenna band: 5GHz
- 4.Antenna material: Antenna material meet the requirement of MID
- 5.Adhesive performance: Adhesive performance meet the requirement of MID
- 6.Antenna performance meet the spec below:

Description	5GHz	Units
VSWR	≤ 2.0	
Average Antenna Gain	≥ -4.5	dB
Antenna Efficiency	≥ 40	%
Feed Impedance	50 ohms	
Operating Temperature	-40 to +85 deg C	
Polarization / Azimuth	Linear / Omni-directional	

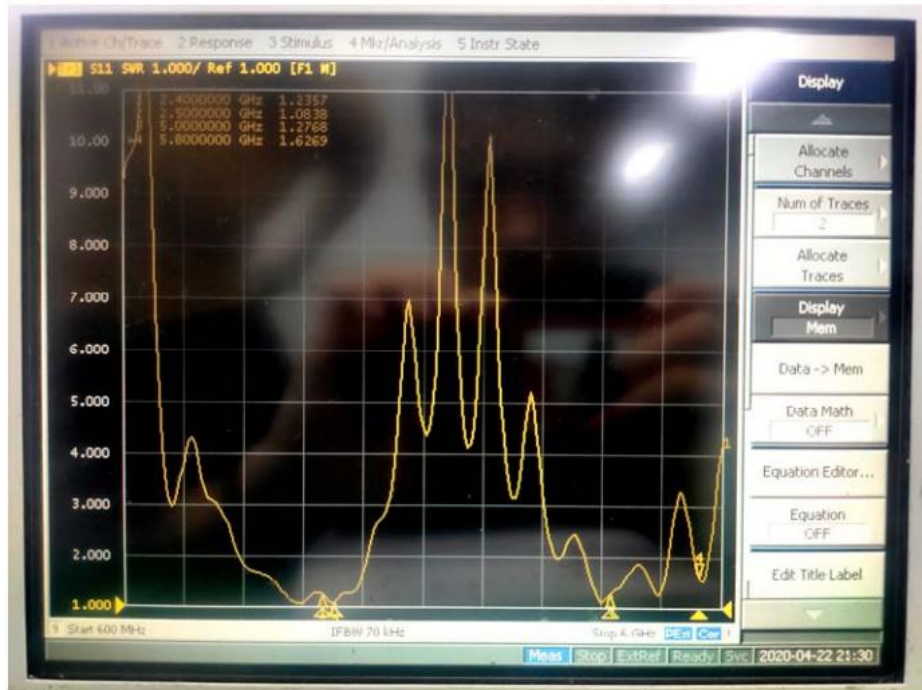
(2)Mechanical Information

Mechanical Dimension	
Cable Length	250mm/BLACK
Description	WIFI&BT antenna
Material	PCB
Coaxial Cable	500hm/0. D. 1. 13mm
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

3: antenna picture



4: antenna standing wave ratio & antenna efficiency



Frequency (MHz)	VSWR
5000	1.2768
5800	1.6269

Passive Test For 5G-2			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	46.96	-3.28	0.24
5550	50.39	-2.98	1.76
5850	45.62	-3.41	-0.2

增益	dBi
WIFI-5G	1.76

5: 3D pattern

