



福州市瀚宇正达电子有限公司

Word Easy Electronics Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

唐力星

日期 2022/09/06
Date

编号 22090601
File No

版本 1.0
Revision

客 户

CUSTOMER: _____

客户料号

S539

CUSTOMER NO: _____

品 名

Antenna L=120mm MHF

PART NAME: _____

供方料号

WE007N.F0124.V01

SUPPLIER NO: _____

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

Hunter

Zhou Hongtao

Fang





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天线规格

Antenna Specification

Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.6
Return Loss	<-15dB
Radiation	Omni-directional
Gain (Peak)	-0.8dBi
Polarization	Linear
Connector	I-PEX

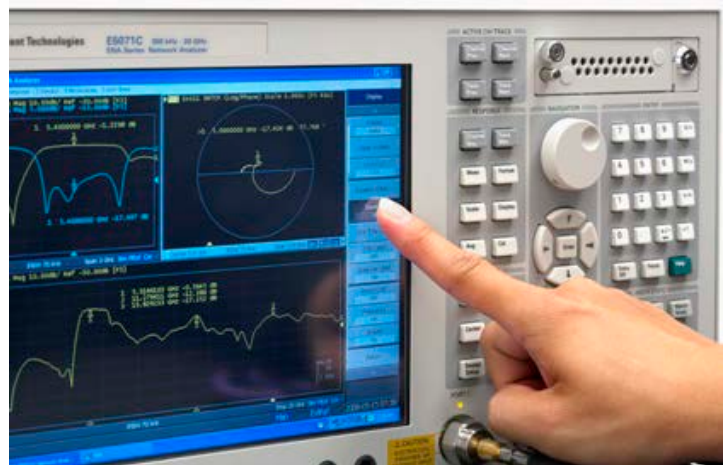
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=120mm
Operating Temp.	-30 ~ +60 °C
Storage Temp.	-30 ~ +70 °C
Cable Color	Gray

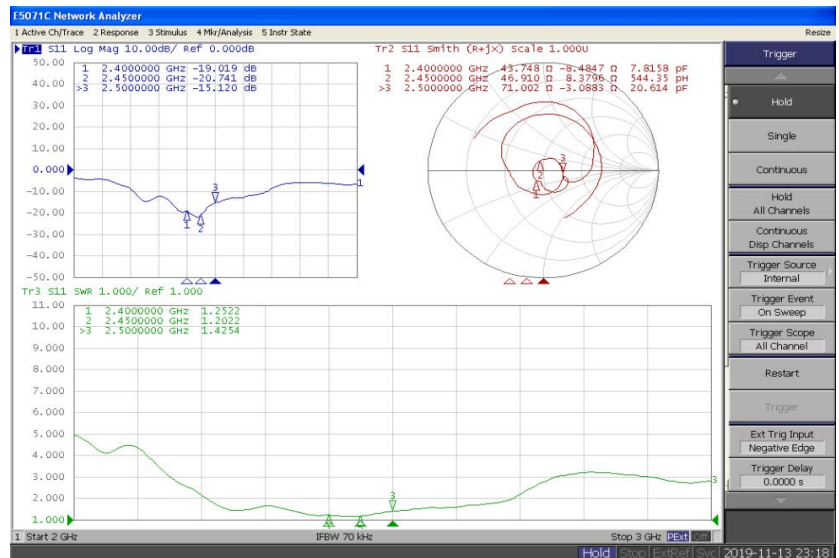


Antenna Performance Test

**Agilent
E5071C**

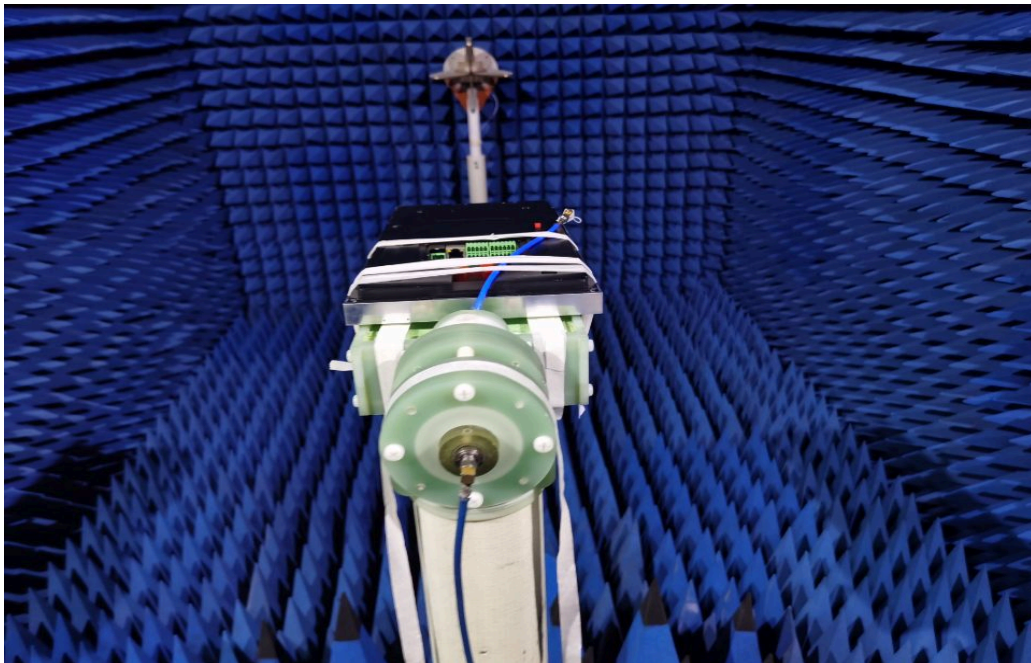
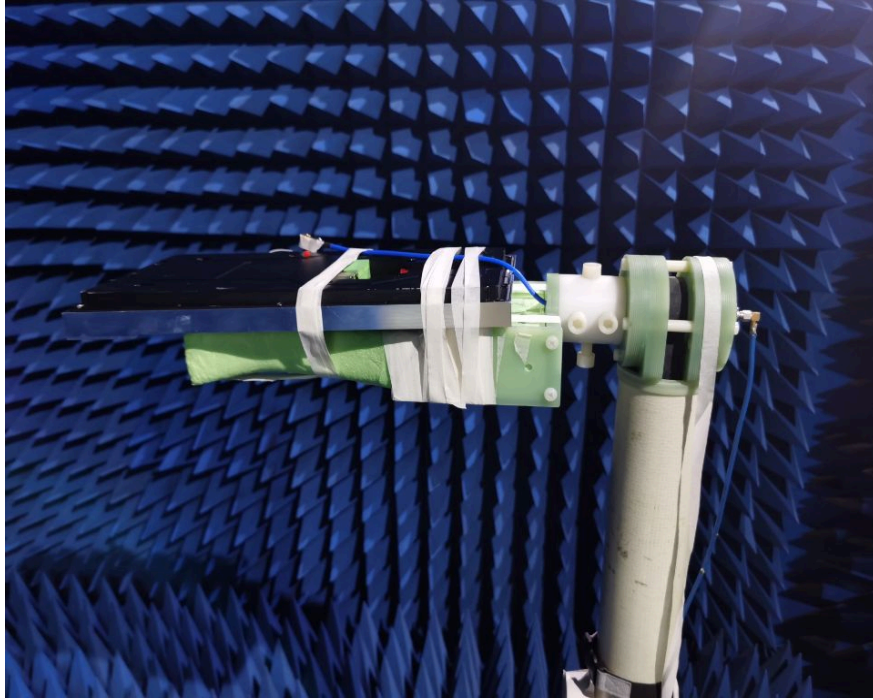


**S
Parameter
Test**





Antenna Passive Test





Passive Test For WIFI

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	12.8	-9.5	-1.3
2410	13.1	-9.0	-0.8
2420	12.7	-9.7	-1.7
2430	13.6	-8.4	-0.8
2440	12.8	-9.6	-2.5
2450	13.5	-8.6	-1.8
2460	13.0	-9.2	-2.3
2470	13.5	-8.6	-1.9
2480	13.2	-8.9	-2.6
2490	13.4	-8.7	-2.9
2500	14.4	-7.6	-2.1

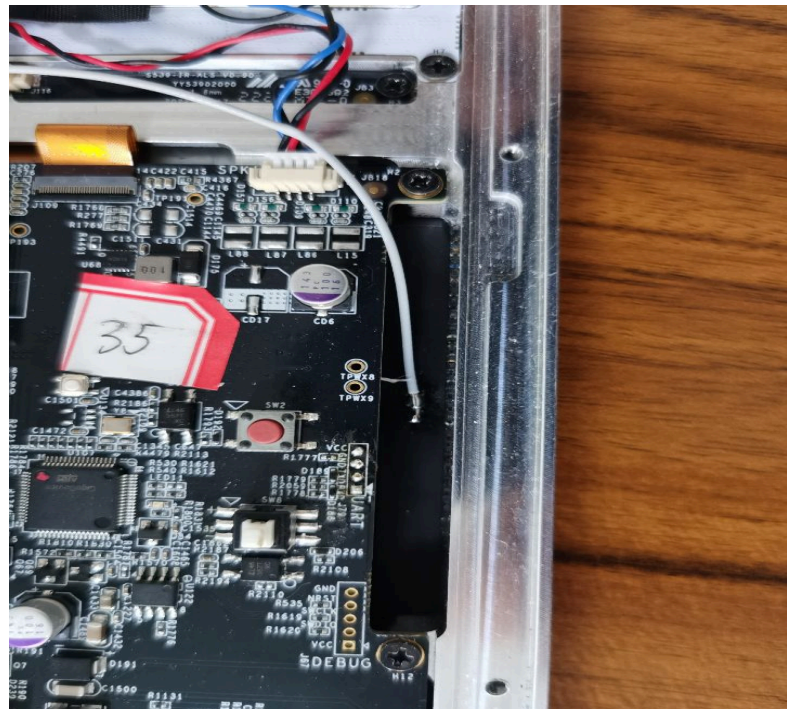


Antenna Profile

Device



Antenna





Assembly Drawing

Antenna

