



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

日期 2021/12/23
Date

编号 21122301
File No

版本 1.0
Revision

客户 星网

CUSTOMER: _____

客户料号 C319

CUSTOMER NO: _____

品名 Zigbee Antenna L=260mm MHF

PART NAME: _____

供方料号 WE007N.F0112.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

Liang

WE-RD-F01-A



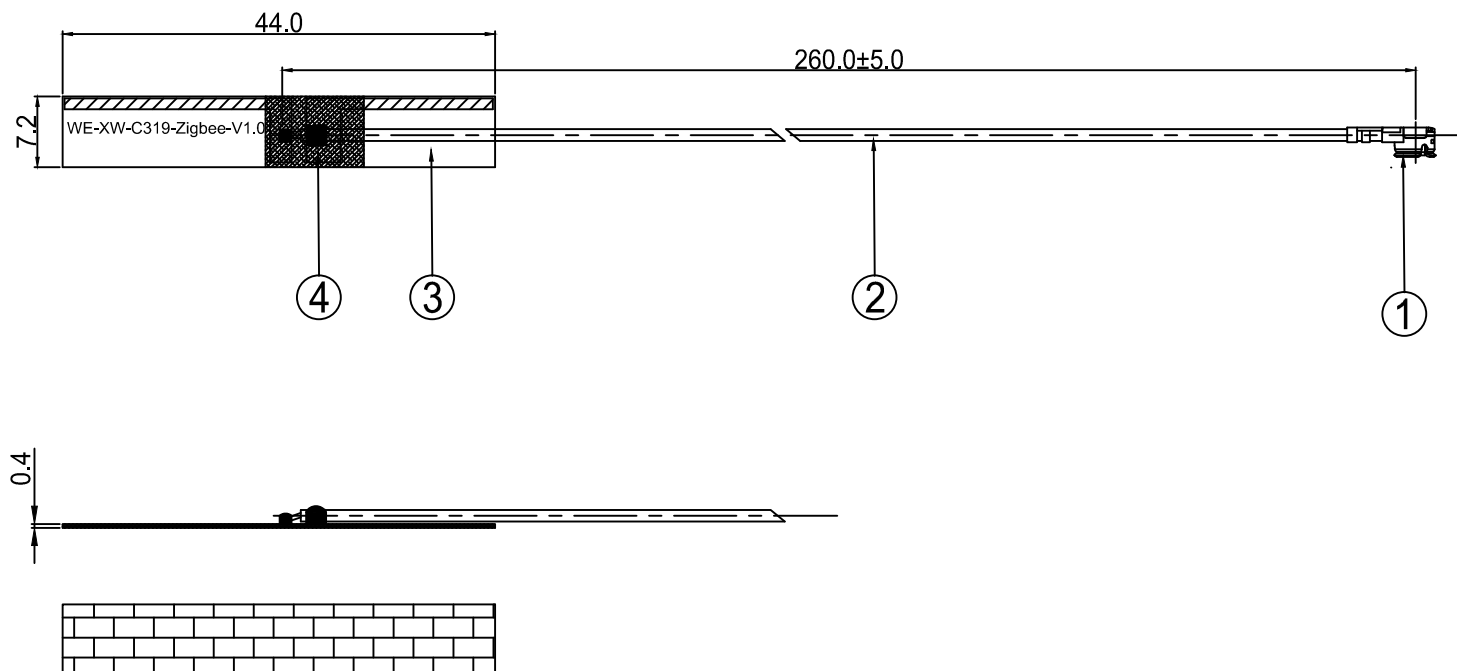
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RoHS

Compatible

REV.	DESCRIPTION	DATE
△	首次发行	2021.12.23



4	Acetate Cloth	10.0*8.0MM	Acetate Cloth	FAB0002.V01	1
3	FPCB	44.0*7.2*T0.4MM	FPCB	FPC0260.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V02	1
1	Mini Connector	Au Plated 1代	Cu	MET0XD1.V01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



福州市瀚宇正达电子有限公司

World Easy Electronics Co.,Ltd.

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PART NAME: Zigbee Antenna L=260mm MHF

PART NO.: WE007N.F0112.V01

DATE: 2021-12-23

APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX±0.15 X° ±3°
		周红涛	UNITS: mm SCALE: 1/1 REVISION: A



天线规格

Antenna Specification

Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.5
Return Loss	<-13dB
Radiation	Omni-directional
Gain (Peak)	2.5dBi
Polarization	Linear
Connector	I-PEX

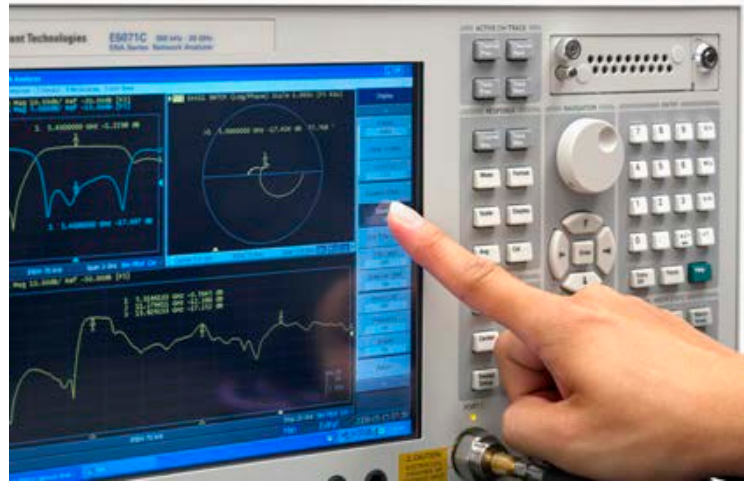
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=260mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

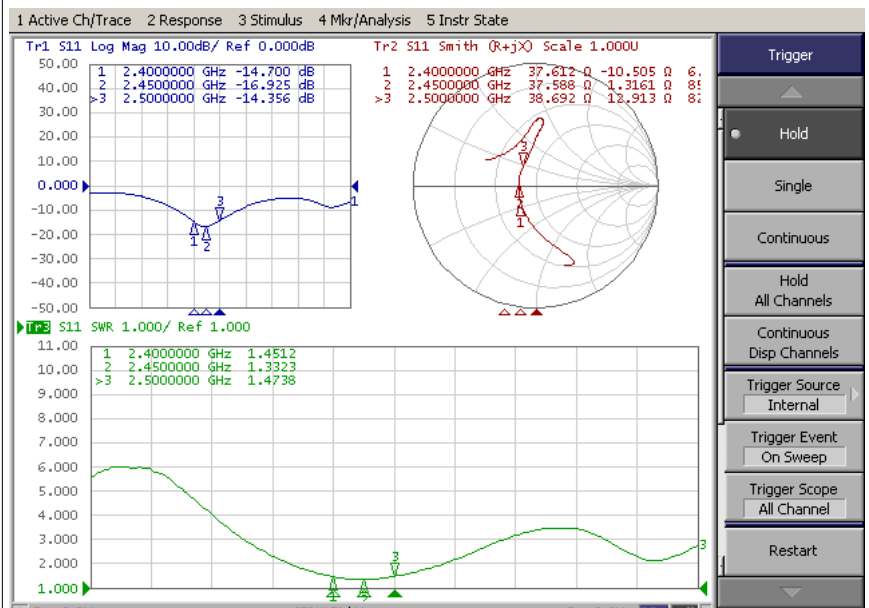


Antenna Performance Test

**Agilent
E5071C**

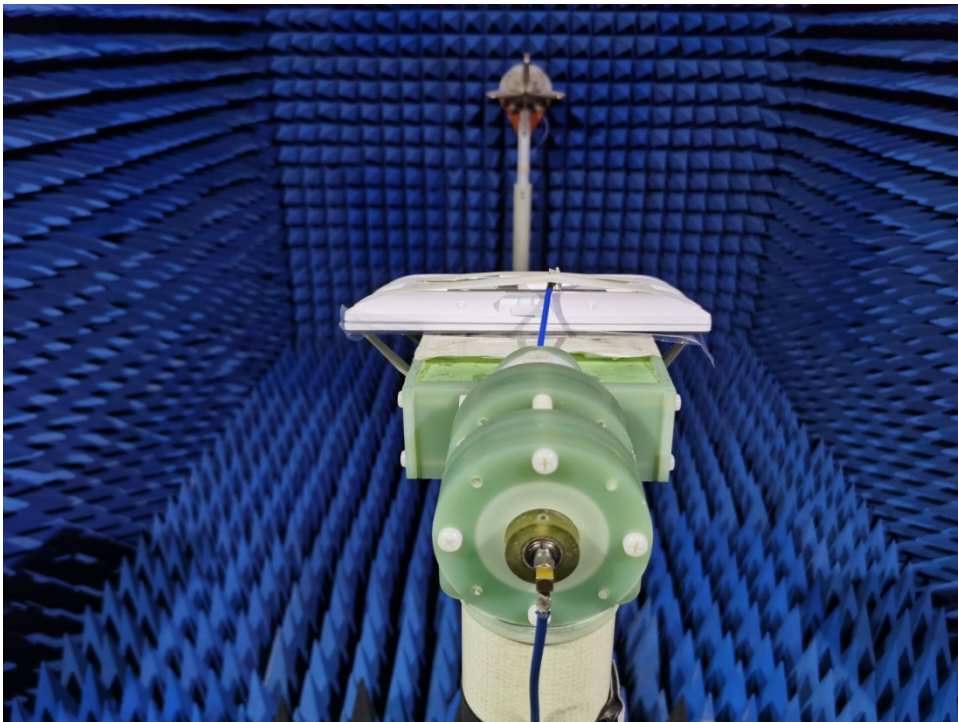
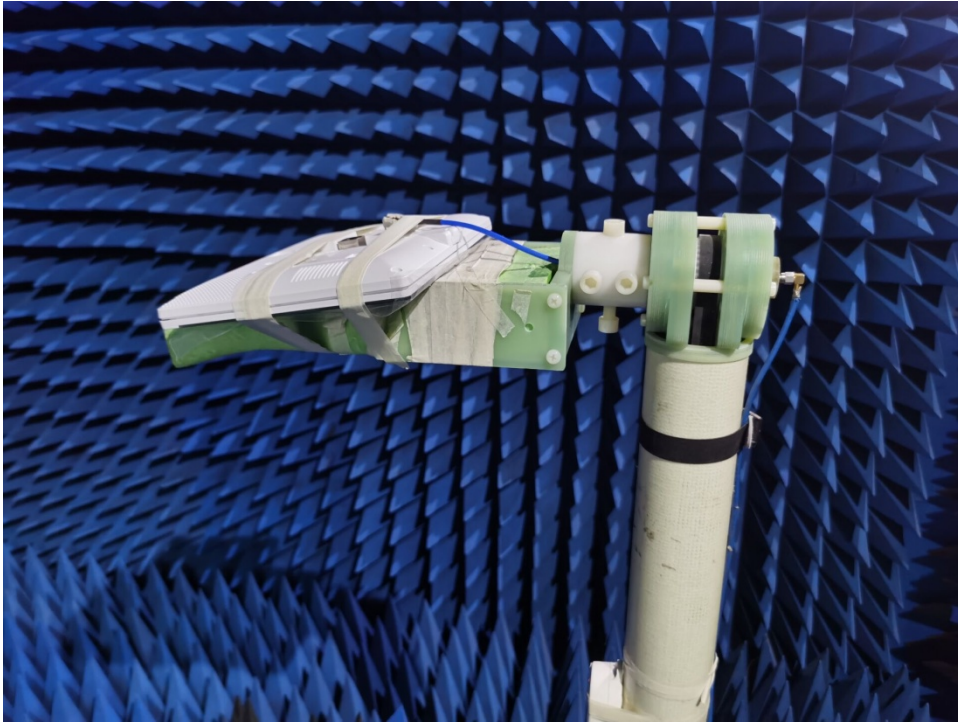


**S
Parameter
Test //
Zigbee**





Antenna Passive Test





Passive Test For Zigbee

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	54.9	-2.6	2.5
2410	56.0	-2.5	2.4
2420	55.6	-2.6	2.3
2430	56.5	-2.5	2.2
2440	55.0	-2.6	2.0
2450	52.9	-2.8	1.8
2460	51.5	-2.9	1.5
2470	48.9	-3.1	1.3
2480	47.4	-3.2	1.2
2490	51.8	-2.9	1.5
2500	46.2	-3.4	1.0



Antenna Profile

Device



*Antenna
Zigbee*





Assembly Drawing



Zigbee Antenna