



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 2021/09/27
Date

编号 21092701
File No

版本 1.0
Revision

客 户 星网

CUSTOMER: _____

客户料号 X933H

CUSTOMER NO: _____

品 名 Zigbee Antenna L=65mm MHF

PART NAME: _____

供方料号 WE007N.F0107.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



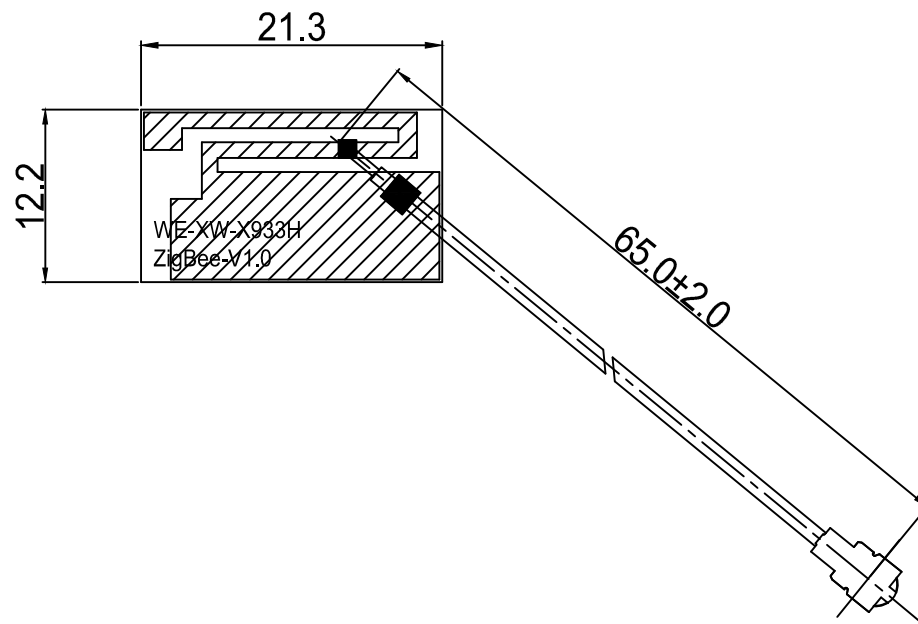
承认书项目表

NO.	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passive Test)	1	6
7	样品图片 (Sample Photo)	1	7
8	RoHS报告 (RoHS Test Report)	**	**
9	N/A	N/A	N/A
10	-	-	-
11	-	-	-
12	-	-	-

RoHS

Compatible

REV.	DESCRIPTION	DATE
A	首次发行	2021.09.27



3	FPCB	21.3*12.2MM	FPCB	FPC0242.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		Tel :0591-22628085			
		World Easy Electronics Co.,Ltd.		Fax:0591-22627656			
PART NAME: Zigbee Antenna L=65mm MHF							
PART NO.: WE007N.F0107.V01				DATE: 2021-09-27			
APPROVED BY	CHECKED BY	DESIGNED BY			Tolerance		
		周红涛	UNITS: mm		X.X ±0.50		
			SCALE: 1/1		X.XX±0.15		
			REVISION: A		X° ±3°		



天线规格

Antenna Specification

Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.4
Return Loss	<-15.4dB
Radiation	Omni-directional
Gain (Peak)	3.5dBi
Polarization	Linear
Connector	I-PEX

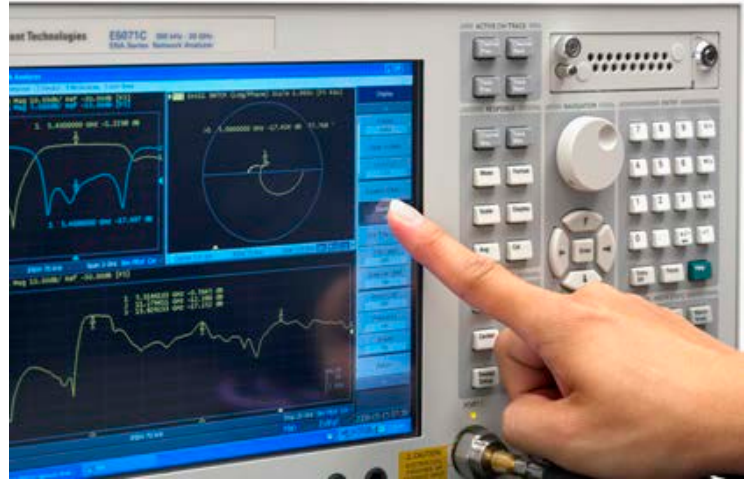
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

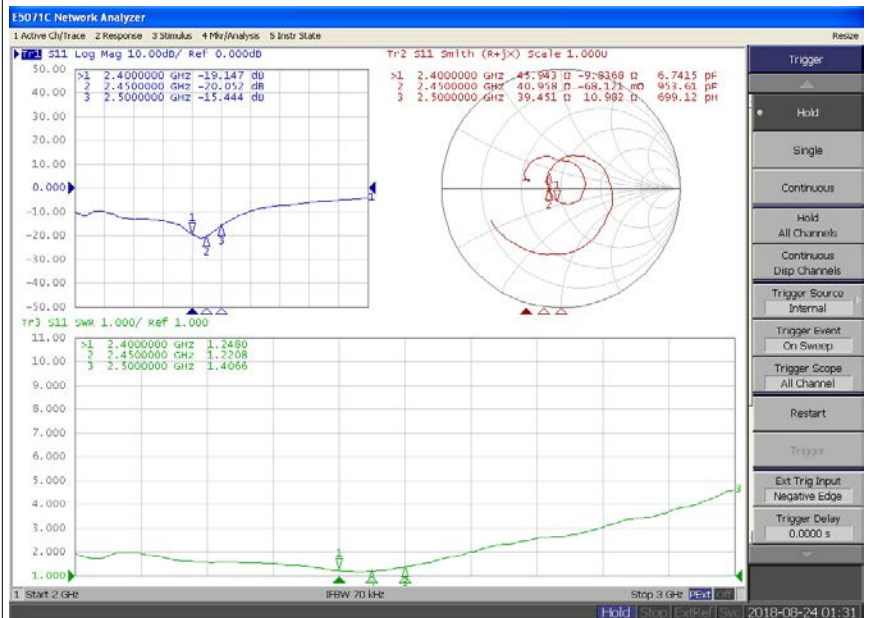


Antenna Performance Test

**Agilent
E5071C**



**S
Parameter
Test //
Zigbee**





Antenna Passive Test

Passive Test For Zigbee

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	63.1	-2.0	3.4
2410	67.7	-1.7	3.5
2420	66.0	-1.8	3.2
2430	68.1	-1.7	3.1
2440	66.4	-1.8	2.8
2450	67.2	-1.7	2.8
2460	67.2	-1.7	2.7
2470	65.2	-1.9	2.5
2480	66.0	-1.8	2.5
2490	71.0	-1.5	2.8
2500	70.5	-1.5	2.8



Sample Photo

