

产 品 承 认 书

(SPECIFICATION)

日期/DATE: 2020/08/04
编号/NUMBER: 198438-1
版本/VERSION: A1

CUSTOMER: Hangzhou Sunsky IOT Technology Co,Ltd

Address: China 5G Park, Room 415, Wenyixi Road, Yuhang District , Hangzhou City,
Zhejiang Provice, China

客户料号

CUSTOMER P/N:

公司编号:

PART MODEL: HZ8438DL

产品名称:

PRODUCTNAME : PCB Antenna

APPROVAL OF SUPPLIER		
编制 DEAWN BY	审核 CHECKED BY	核准 APPROVED BY
黄浩	林国富	肖大田

客户承认 APPROVE BY CUSTOMER

变更履历

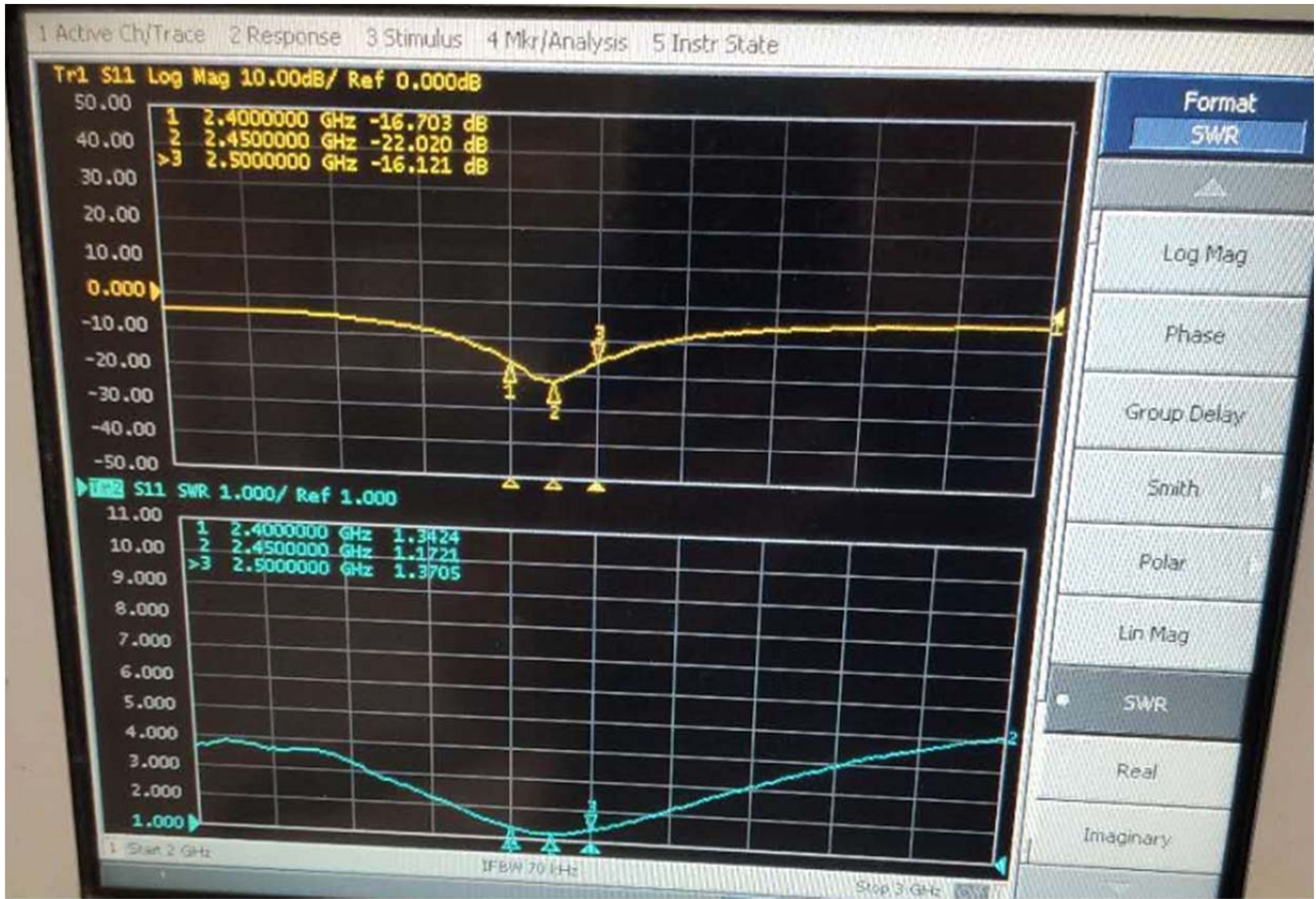
[illegible]

1.0 PART NUMBER:

Sunsy Part number	Frequency Band	HH Part Number
HZ8438DL	2.4GHZ-2.5GHZ	

2.0ANTENNA TEST

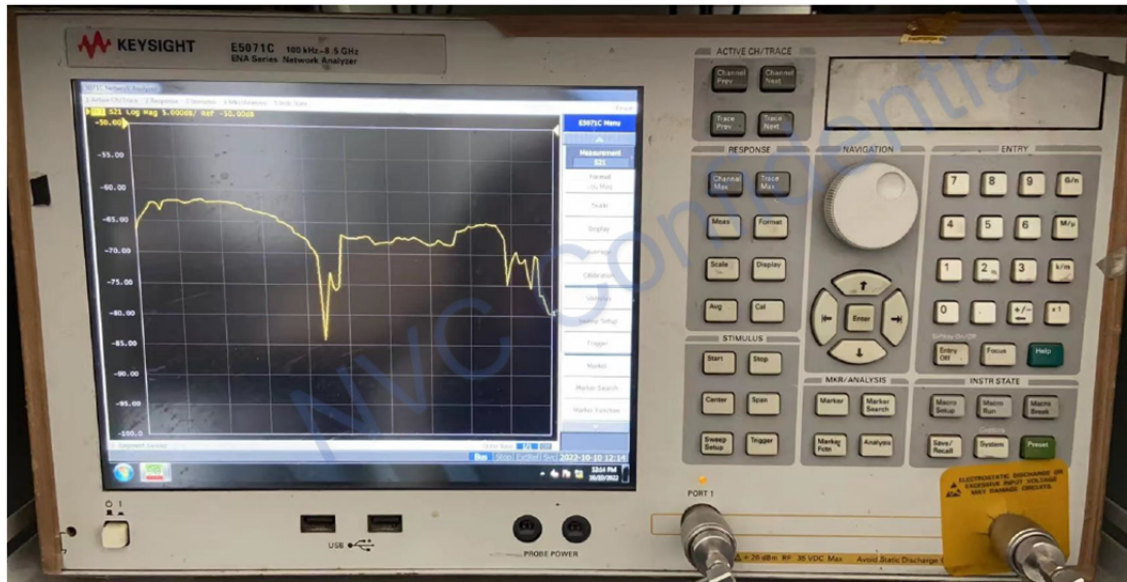
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400--2500
频带宽度 Bandwidth (MHz)	100
输入阻抗 Input Impendence (Ω)	50
电压驻波比 V. S. W. R	≤ 2.0
连接器型号 Connect Type	一代 IPEX



CMW500

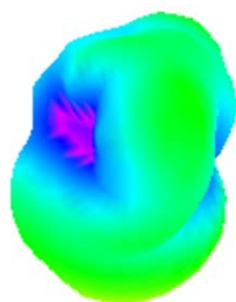


5071C Network Analyzer

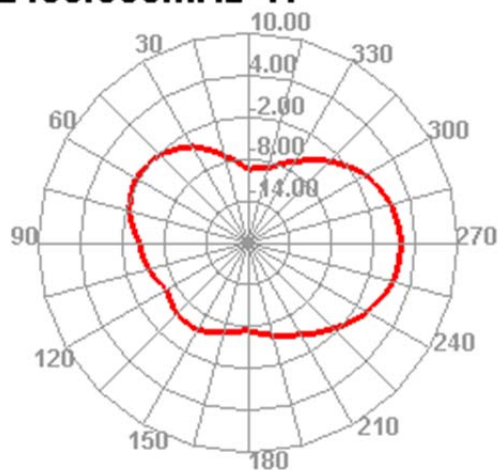


Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.16	2.12
2410	47.6	2.48
2420	50.69	2.31
2430	47.09	2.32
2440	50.33	2.43
2450	53.4	2.57
2460	53.03	2.43
2470	51.49	2.3
2480	47.89	1.93
2490	55.76	2.6
2500	50.58	2.16

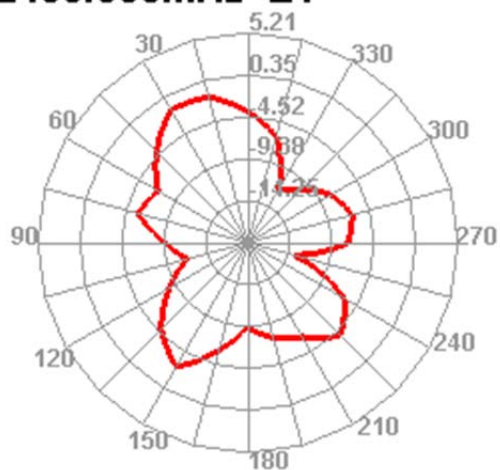
2450.000MHz



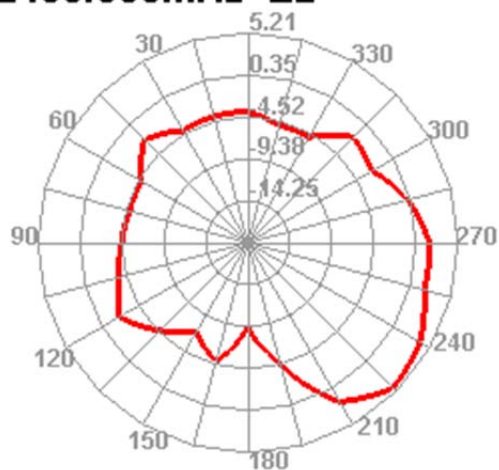
2450.000MHz H

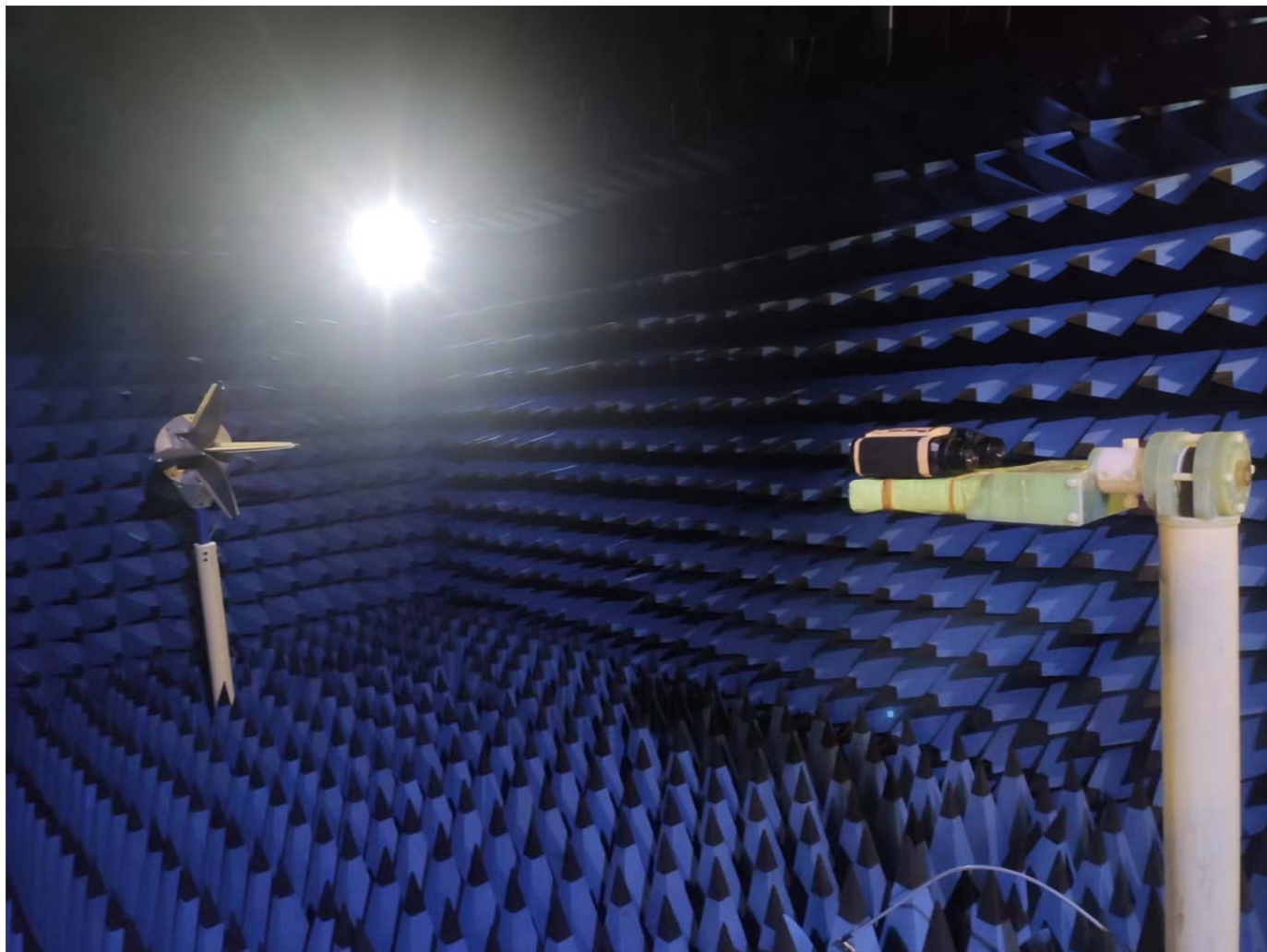


2450.000MHz E1



2450.000MHz E2





3.0 ENVIRONMENTAL SPECIFICATIONS**3.1 TEMPERATURE**Operating Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ Storage Temperature Range: $-40^{\circ}\text{C} \sim +120^{\circ}\text{C}$ **3.2 SALT SPRAY TEST**Antenna be exposed in a 35°C , 5% salt fog chamber for 24 hours then check the appearance and performance against the specifications in normal temperature.**3.3 STATIC HUMIDITY TEST**

The antenna is subjected to the following test:

Temperatures: $+70^{\circ}\text{C}$ and 90%--95%RH

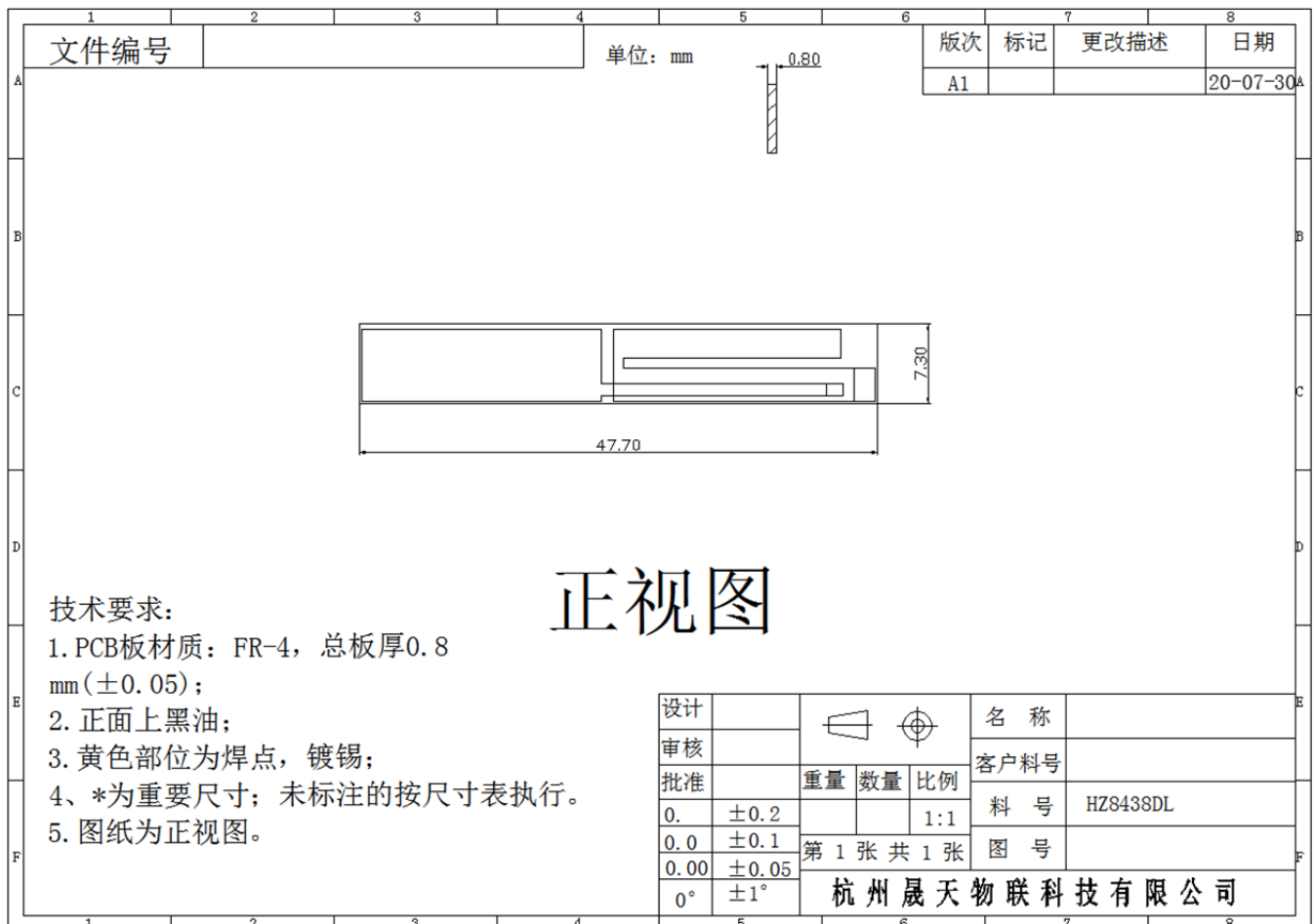
Test Duration: 24 Hours

The antenna should not undergo any structural or functional change and remain within the electrical/mechanical specification.

4.0 PACKAGING

The antennas will be packed in bags, There are 100or 200 antennas per bag. The bags are packed in corrugated fibreboard over box.

天线图纸



同轴线图纸

