



SPECIFICATION

SHEET FOR APPROVAL

CUSTOMER: Cdtech

CS P/N: N0901

PART NAME: WiFi Antenna

model: SMT ANT 2/5G Size: L:11.3*W:7.8*H:3.4mm T:0.4mm SUS 304

NO.: 370.2G51100-03

DATE: 2023 - 10- 10

Han yang			
MANAGER CHECKED	ME CHECKED	RF CHECKED	DATE
Liu zhi gao	Zhang shun	Lv jun peng	2023 -10- 06

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

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Revision record

DATE	Modify the content	version	Changed
2023/10/16	First production	V01	Liu zhi gao



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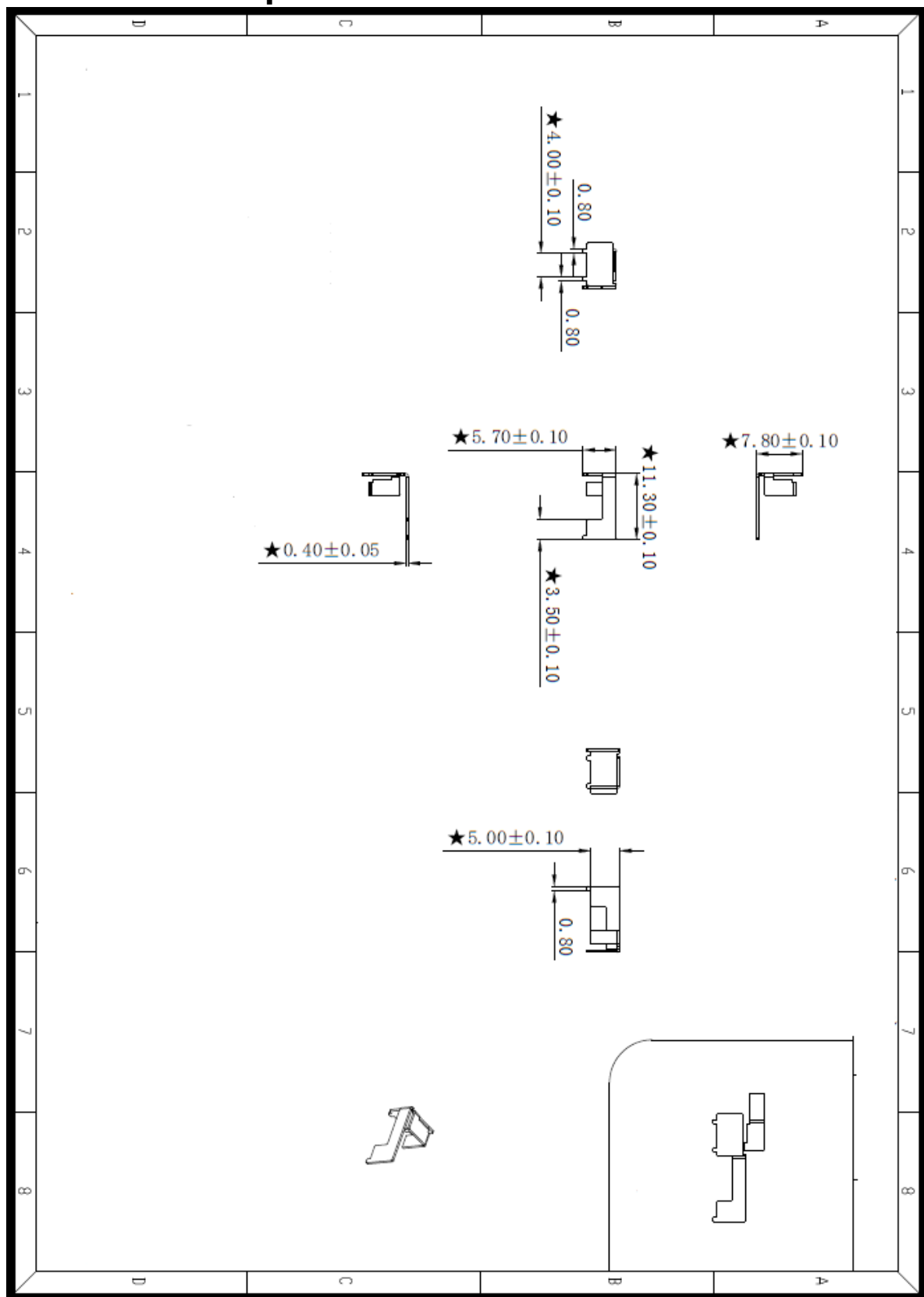


Main technical parameters of products

Electrical index	
Frequency Spectrum	2400-2500MHz 5150-5850 MHz
Characteristic Impedance	50Ω
VSWR	≤ 2
Polarization	Linear Polarization
Directivity	Omnidirectional
Operation/Storage Temp	-30 ~ 75°C
Physical index	
Antenna Material	SUS 304



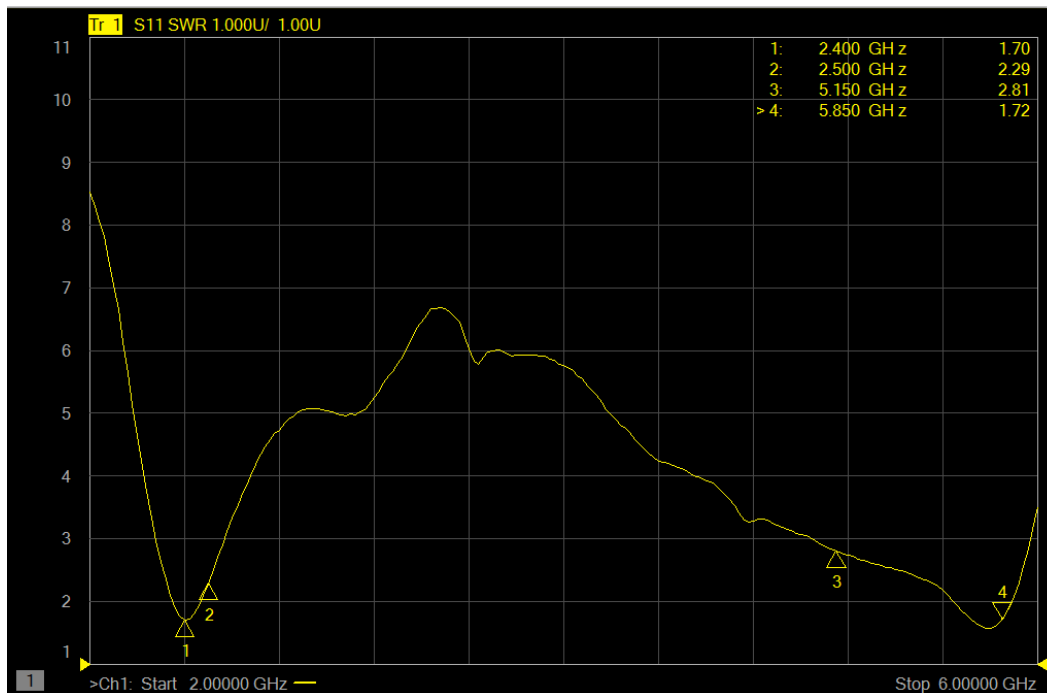
1. Mechanical Specification



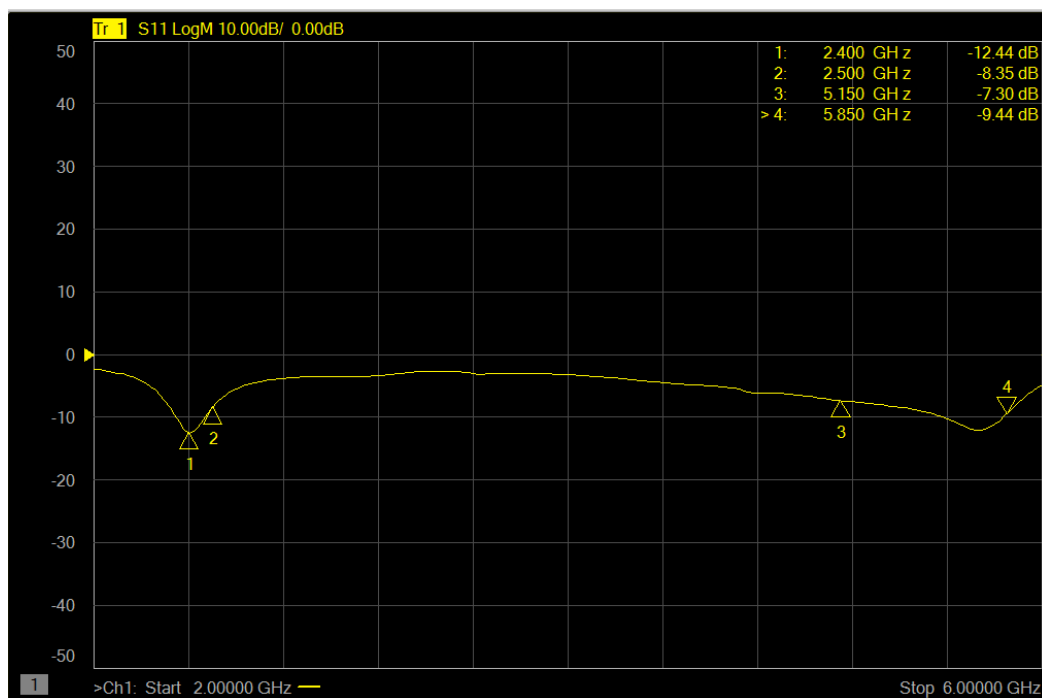


2. Antenna test data

2.1 VSWR / S-parameter



S11





2. 2 Efficiency & Gain

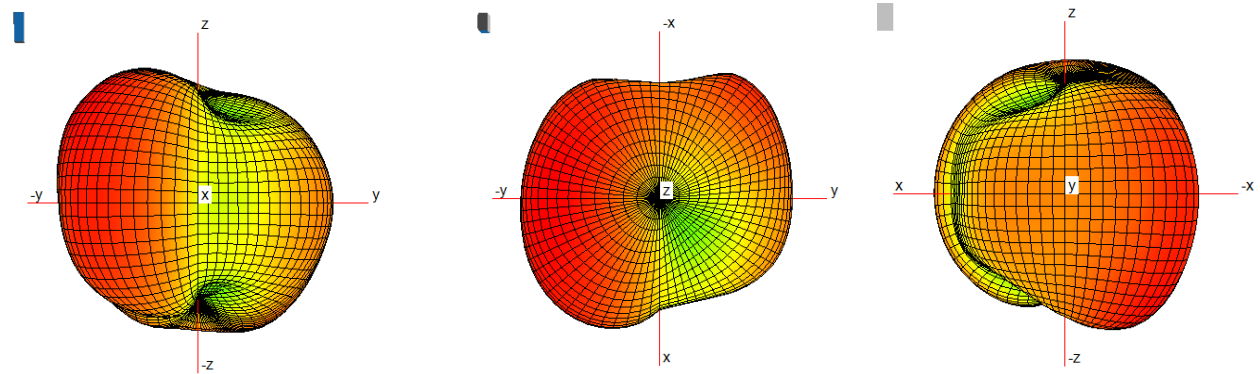
Freq	Efficiency_ dB	Efficiency_ Pcent	Gain(dBi)
2400	-2.66	54.22	0.61
2420	-2.74	53.27	0.62
2440	-2.76	52.92	0.67
2460	-2.87	51.63	0.66
2480	-2.98	50.32	0.6
5150	-3.66	43.1	0.97
5350	-3.31	46.72	1.35
5500	-3.12	48.71	1.54
5650	-2.9	51.27	1.88
5850	-2.99	50.27	2.24



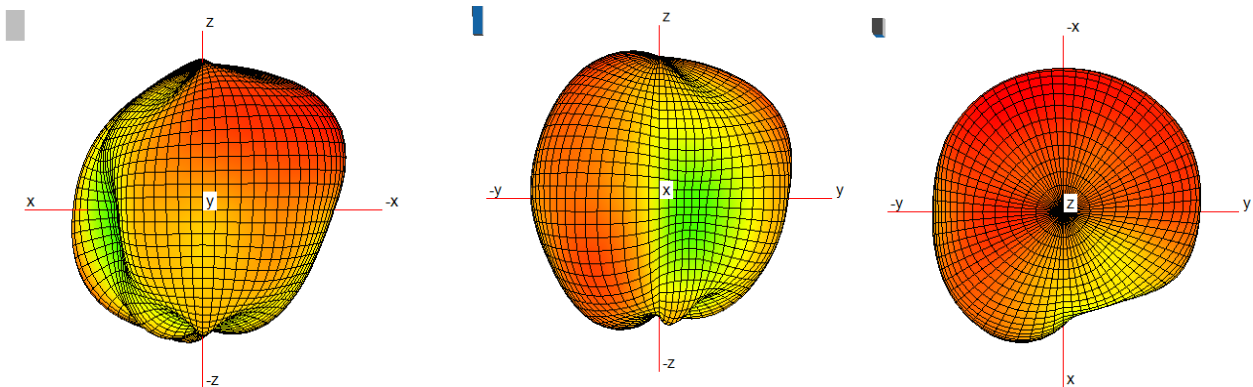
2.3 3D Radiation Pattern



2450MHz



5550MHz



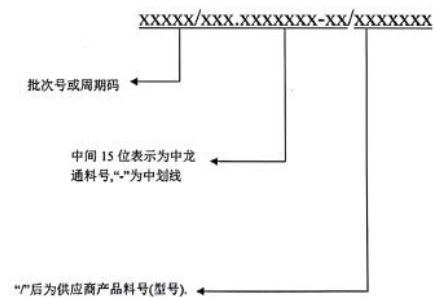


3. Packing

Packing Criterion

1、Labeling requirements)

订单号	HY-2019-0621	
料号	110000000-01	
规格型号	1500T 圆极化天线 1500T 0621 (2019)	
数量	4000pcs	
批次号	HPC000000000	
出货日期	2020-12-08	



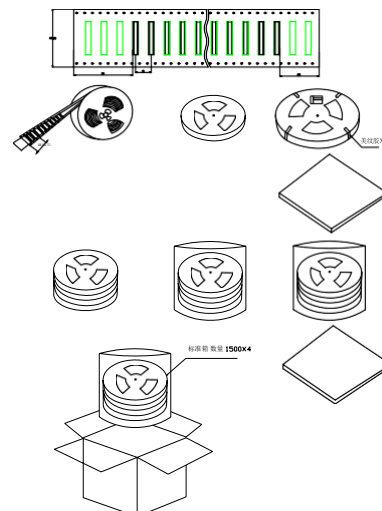
2、(Encasement requirements)

Determine the quantity / PCS / plate according to the actual packaging.

Determine the quantity / PCS / box according to the actual packaging.

matters need attention:

1. Matters needing attention:
2. Whether to add clapboard and pearl cotton;
3. Labeling, such as RoHS;





4. Environmental Protection

Meet the requirements of ROHS2.0 standard, meet the requirements of European RHOS\REACH, meet the requirements of China RHOS\REACH, and lead-free electroplating. °