

APPROVAL SPECIFICATION

Product : LDS Antenna

Model Name : PIFA

Date: 2024.09.26

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1. Manufacturer

- Shenzhen Cicent Communication Technology Co., Ltd.

2. Model Name

- Basic Model: PIFA

3. Antenna Type

ANT	Antenna type
	LDS Antenna, PIFA

4. Electric Performance Data

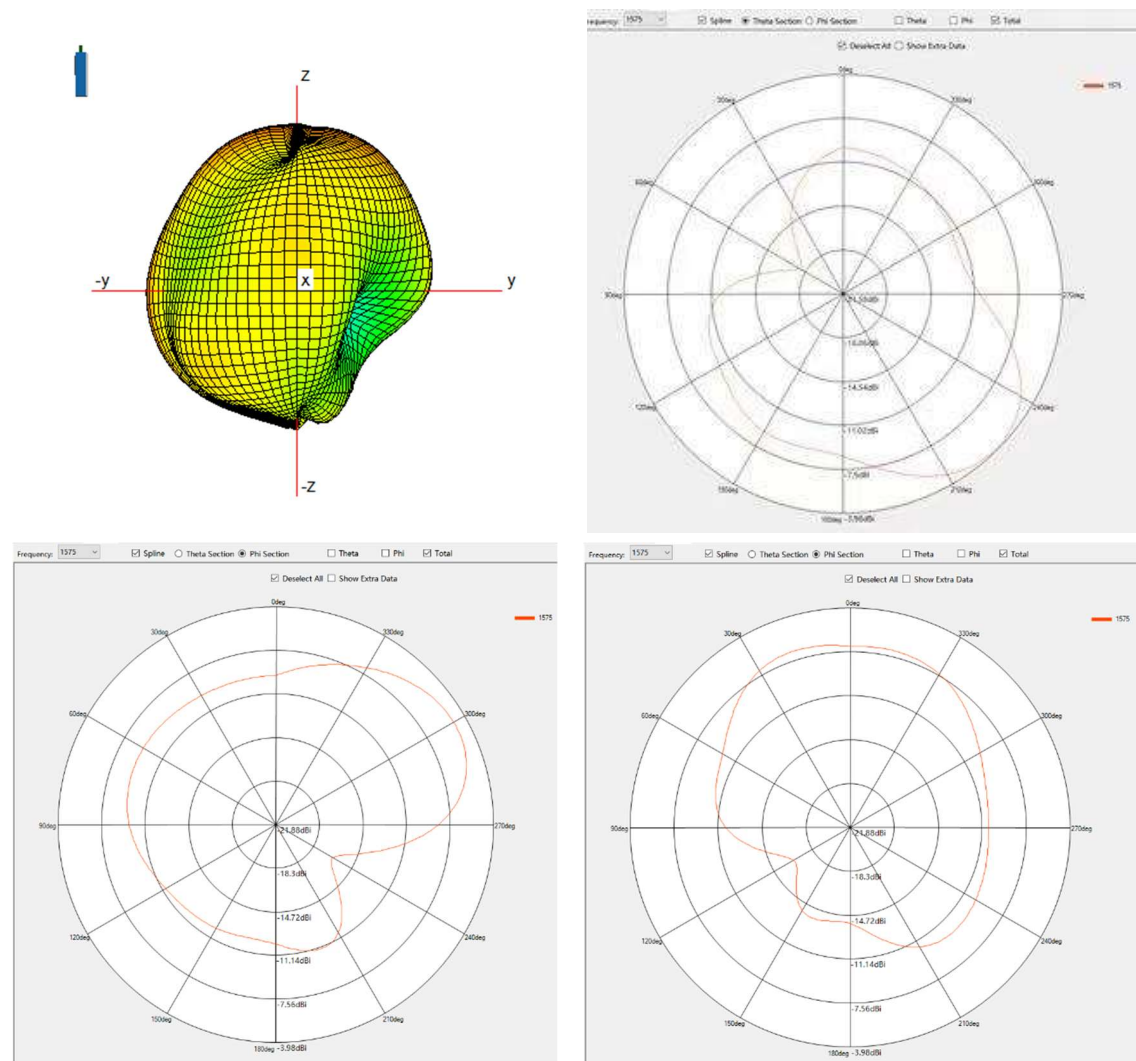
4.1 Specification Sheet

Band	Antenna Gain(dBi)
Main B5	-8.5
Main B12/B13	-9.1
Main B2/4/25/66	-3.2
Main B71	-12.6

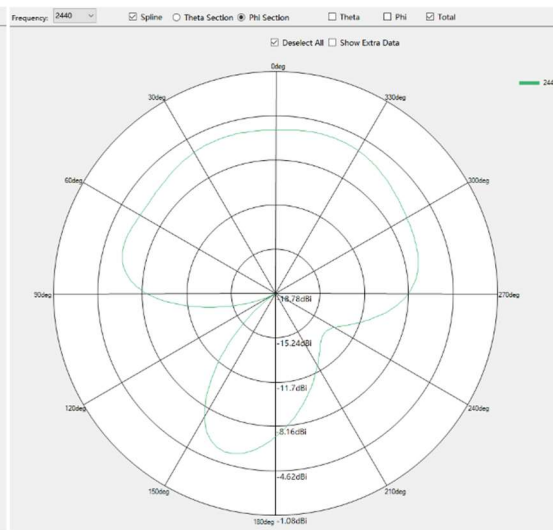
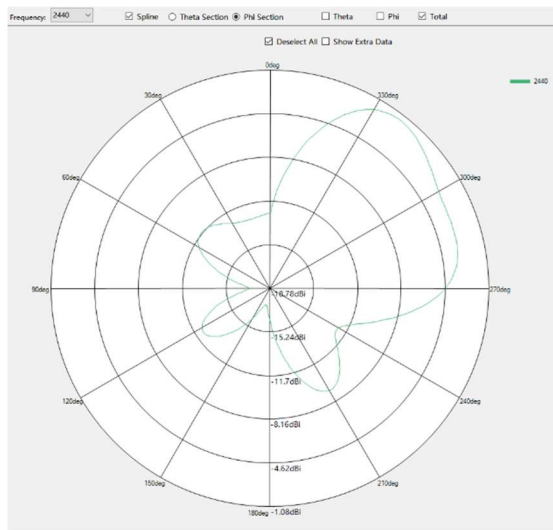
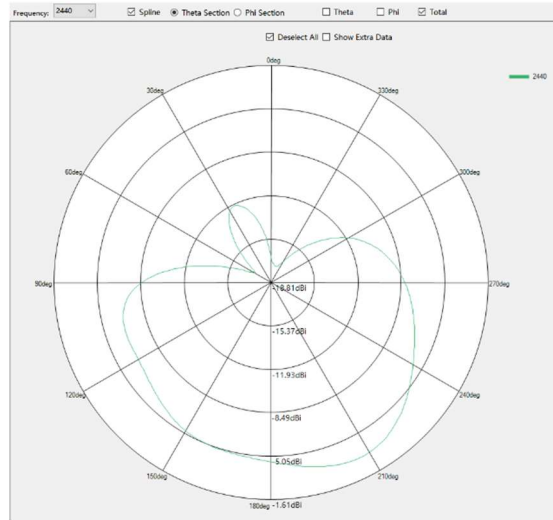
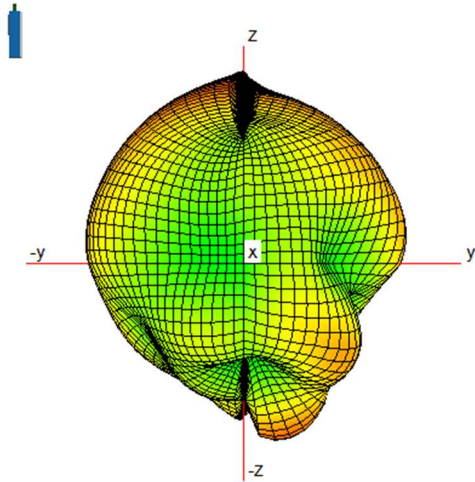
Band	Antenna Gain(dBi)
GPS	-4.1
2.4G	-1.5

4.2 Antenna Pattern Drawing

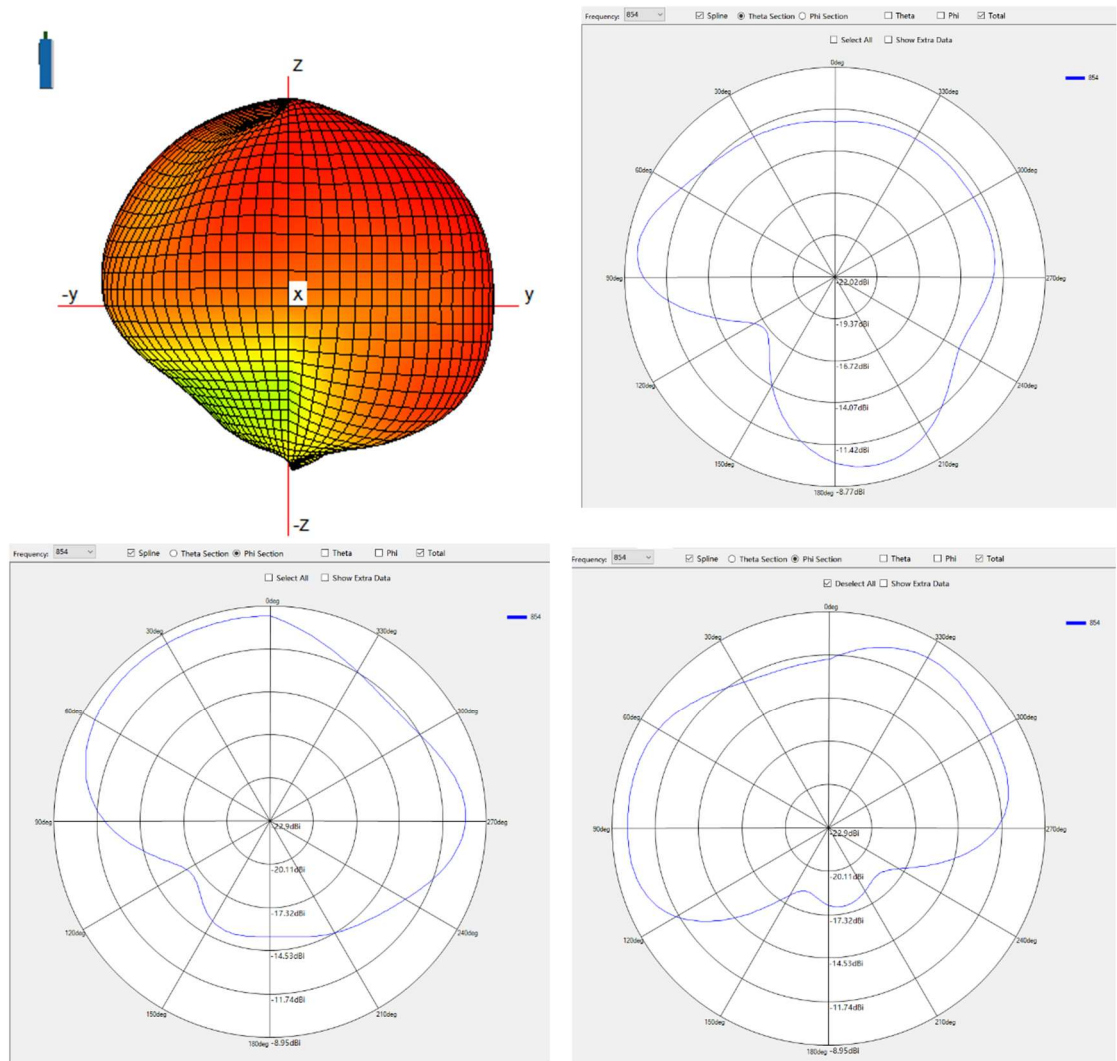
GPS 1575MHz



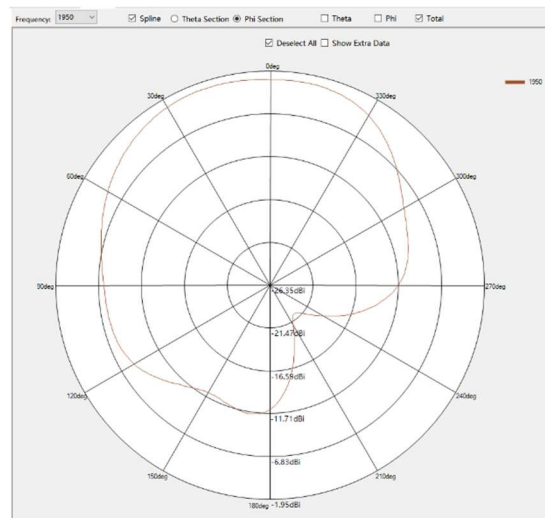
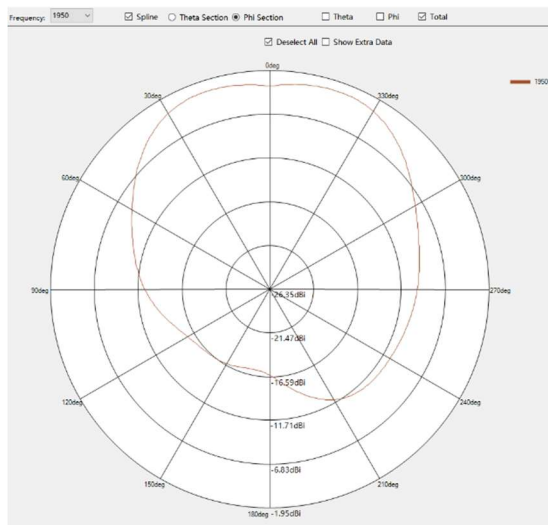
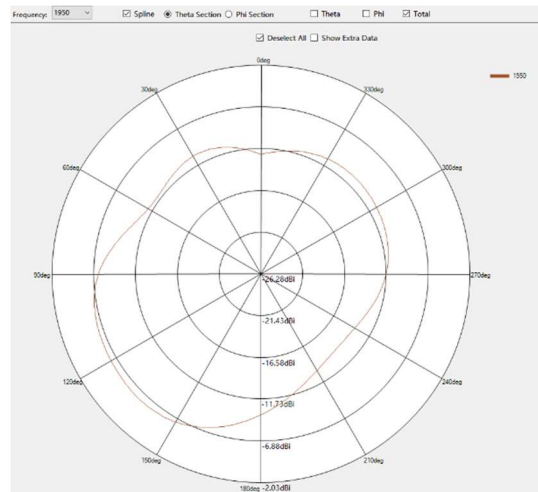
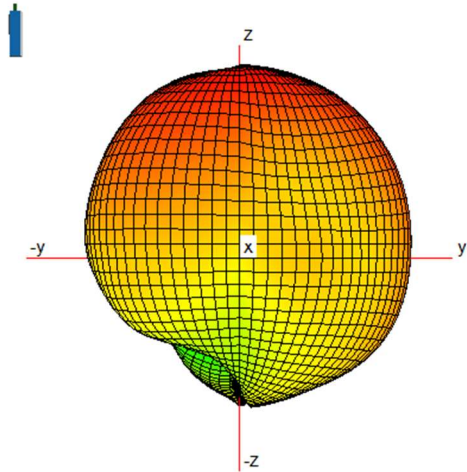
BT/WIFI 2440MHz



B5 854MHz



B25/B66 1950MHz



5. Matching circuit

Small antenna (hand model) matching circuit

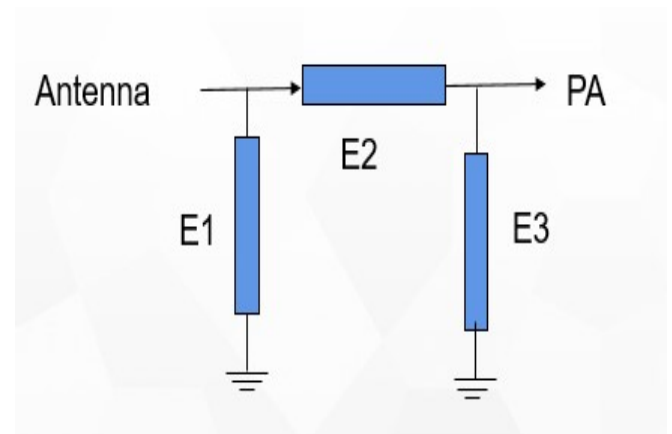
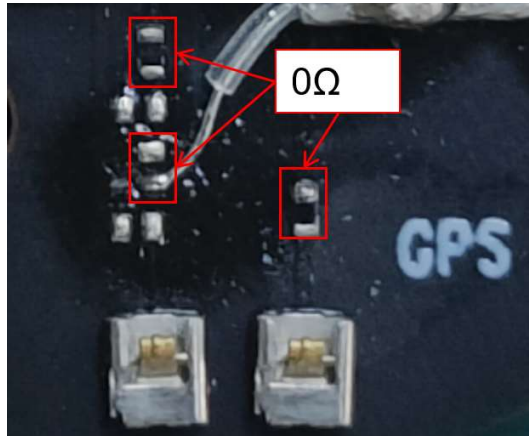
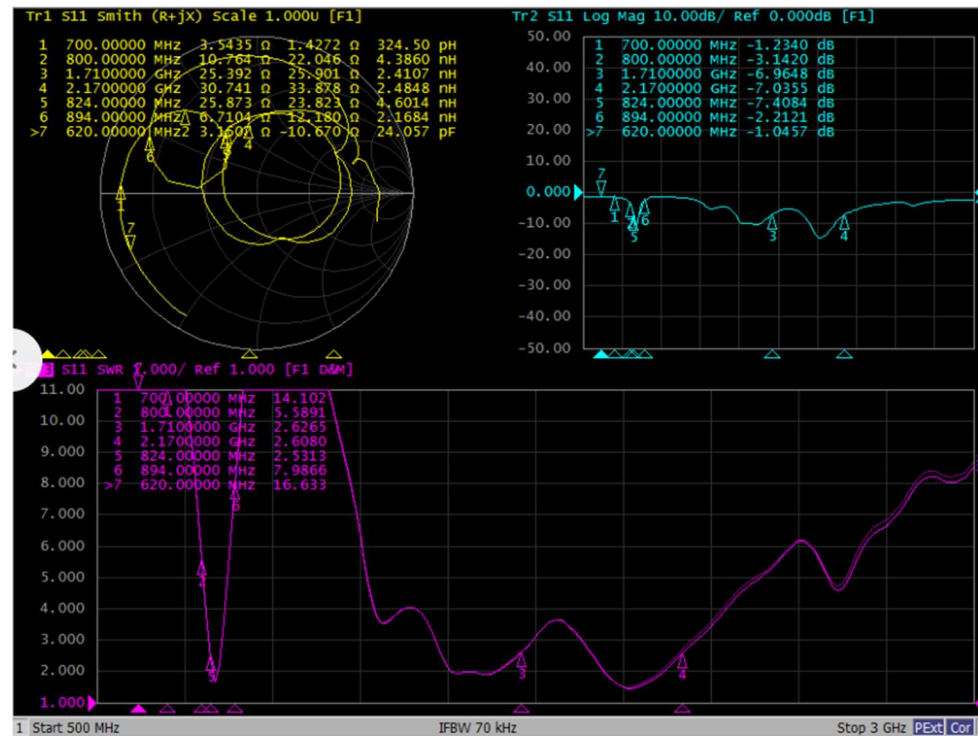


Diagram number	Match value
E1	N/A
E2	0Ω
E3	N/A

6. ElectricalGraph(Returnloss)

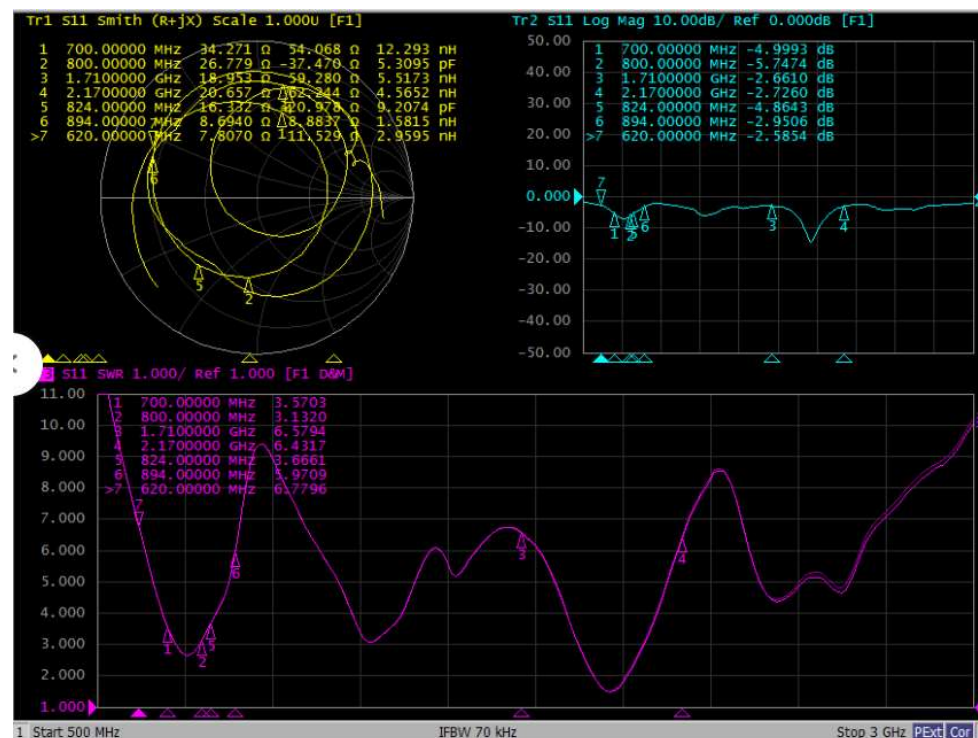
Main antenna (hand model) S parameter (RF1)

RF1: B5/B2/B4/B25/B66



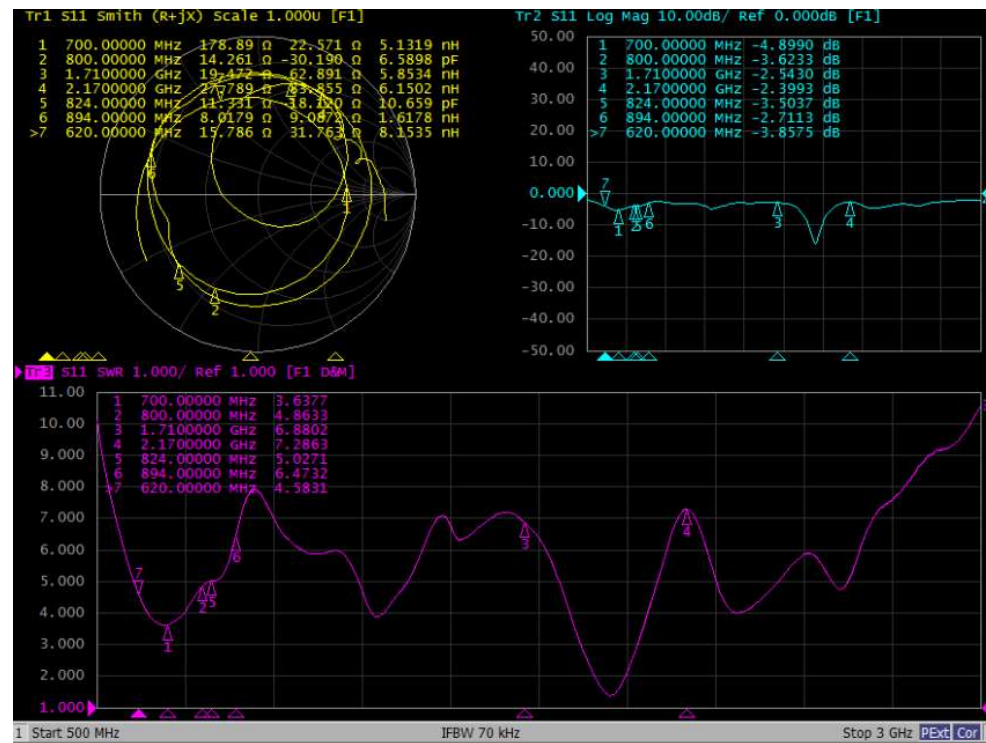
Main antenna (hand model) S parameter (RF2)

RF2: B12/B13



Main antenna (hand model) S parameter (RF3)

RF3: B71



7. External Drawing

