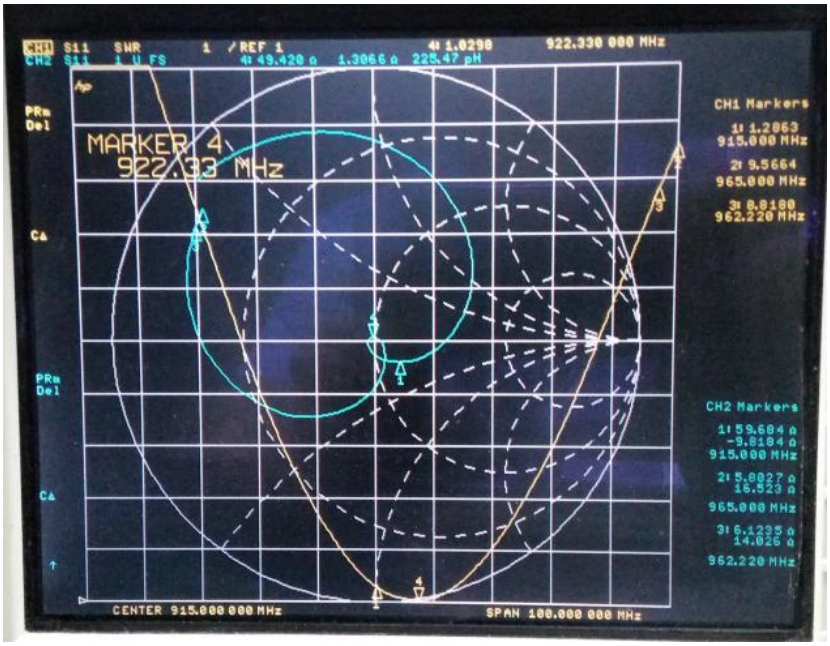
RFID Specification of antenna

TFRFID UHF circularly polarized antenna products，its size is small、simple installation，appearance is beautiful and practical。Mainly used with a fixed UHF RFID reader。Typical applications: close range all-in-one machine, card issuing machine, handheld machine, etc. At present, it has been adopted by many projects, such as: warehouse management, logistics distribution, material management, vehicle

1. RFID Antenna media characteristics

Technical requirement	**Qualification**
Frequency range	922.5GHz
Gain	≤4 dBi
Horizontal surface coverage angle	360°
Polarization	Right Hand Circular Polarization(RHCP)
Impendance	50Ω
Antenna axis ratio	≤5dB
10dB Band Width	6min

2 Antenna impedance diagram

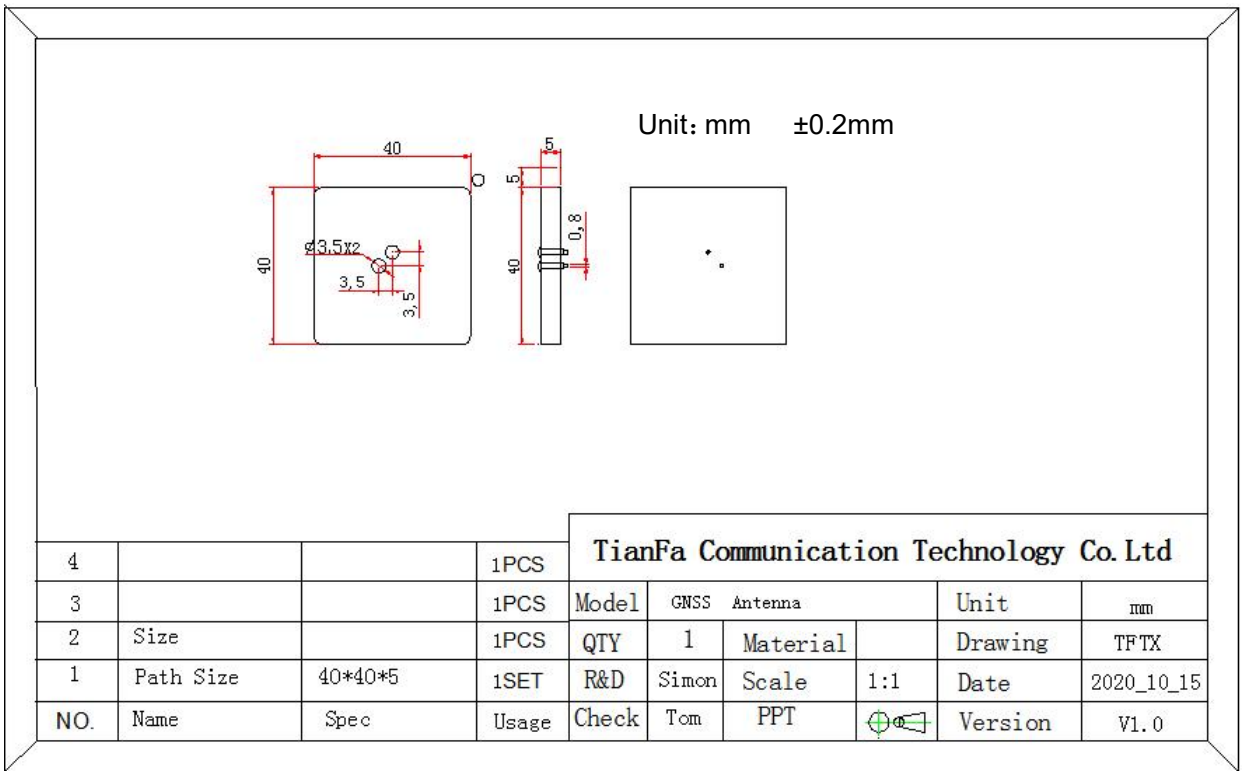


3 Environmental character istics

Operational Temperature	-25℃～+75℃
Storage Temperature	-40℃～+85℃
Humidity	40%～95%

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4 Assumption diagram



5 Structure and Material Table

NO.	Definition	Structure and materials
1	Antenna substrate	Media ceramics
2	Pin	Copper-plated silver alloy
3	Electrode	Silver plating
4	On the ground	Silver plating
5	Antenna size	60.1*60.1*4mm