



Shenzhen Shuodian Electronic Technology Co.,Ltd
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for

IRS Z-wave antenna

ZQ-IRS Z-wave-FPC

Compilation: Zeng Xiaofeng

Review: Li Ming

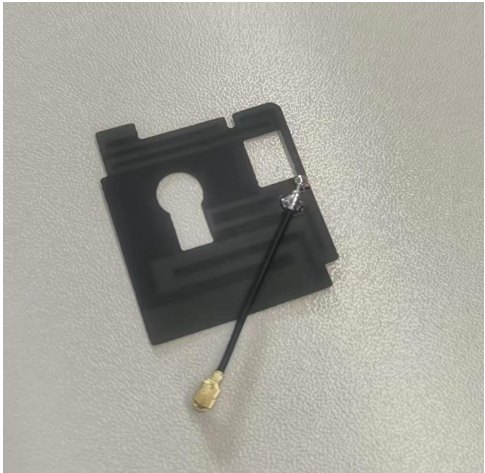
Date: 2022. 4. 27

Shenzhen Shuodian Electronic Technology Co., Ltd.

508 West, Building 64, Majialong Jinlong Industrial City, Nanshan District, Shenzhen



Product General Specifications

NO .	ITEMS	DETAILS
1	model	IRS Z-wave
2	frequency	868-930MHz
3	VSWR	≤ 2.0
4	GAIN	1.0dBi
5	impedance	50 Ω
6	Antennas	MONOPOLE
7	Antenna Real	FPC+1.13 coaxial cable first generation termin
8	Antenna Diagram	



Product material composition:

NO	Material	Specification (MM)
1	FPC	31.8*28.15mm black
2	coaxial	Ø1.13 35MM black first generation terminal

Appearance

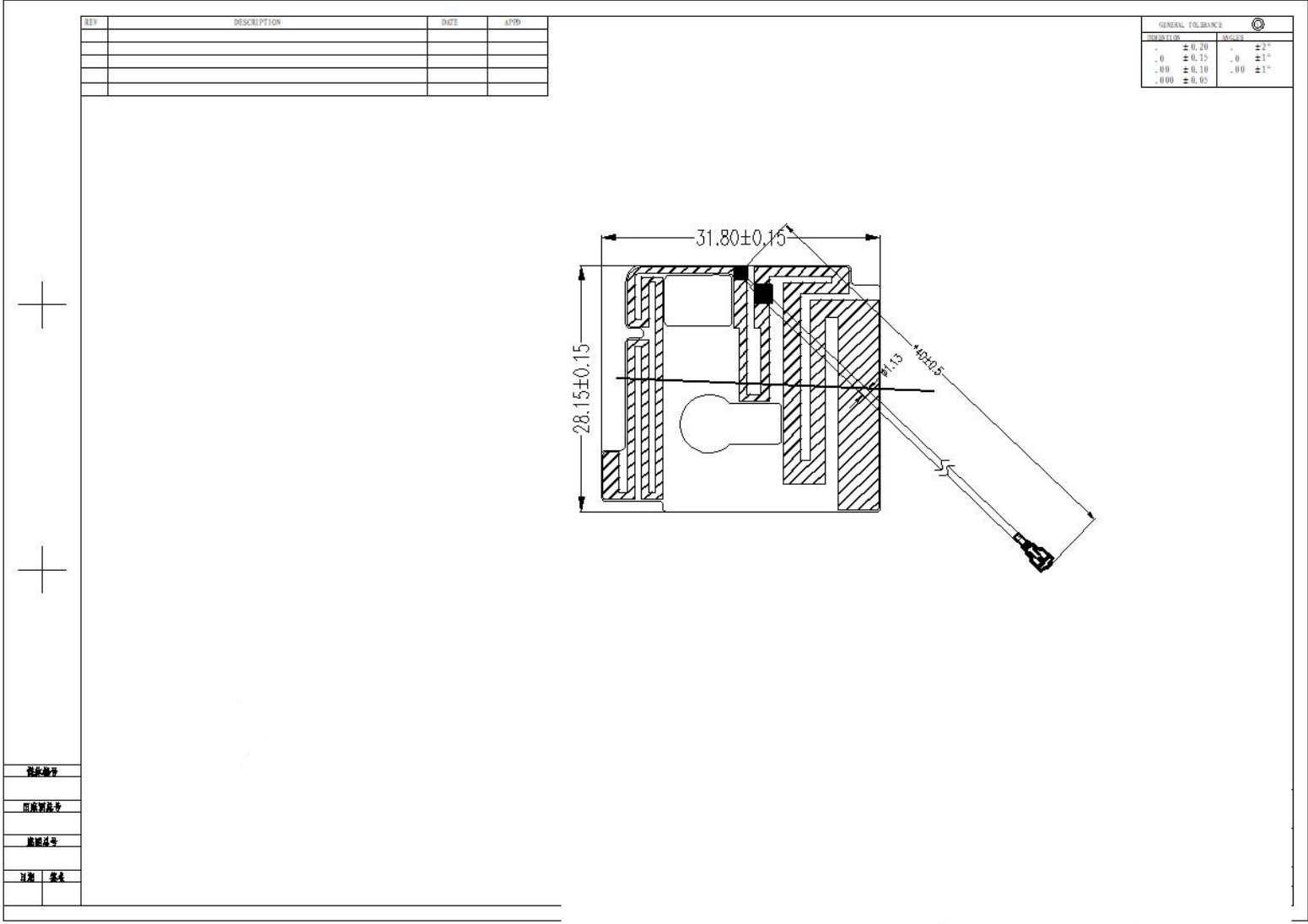
The appearance of the product is good, and there are no scars, sweat marks, protrusions and other defects that seriously affect the appearance.

Structural dimensions

Refer to product drawings:



:





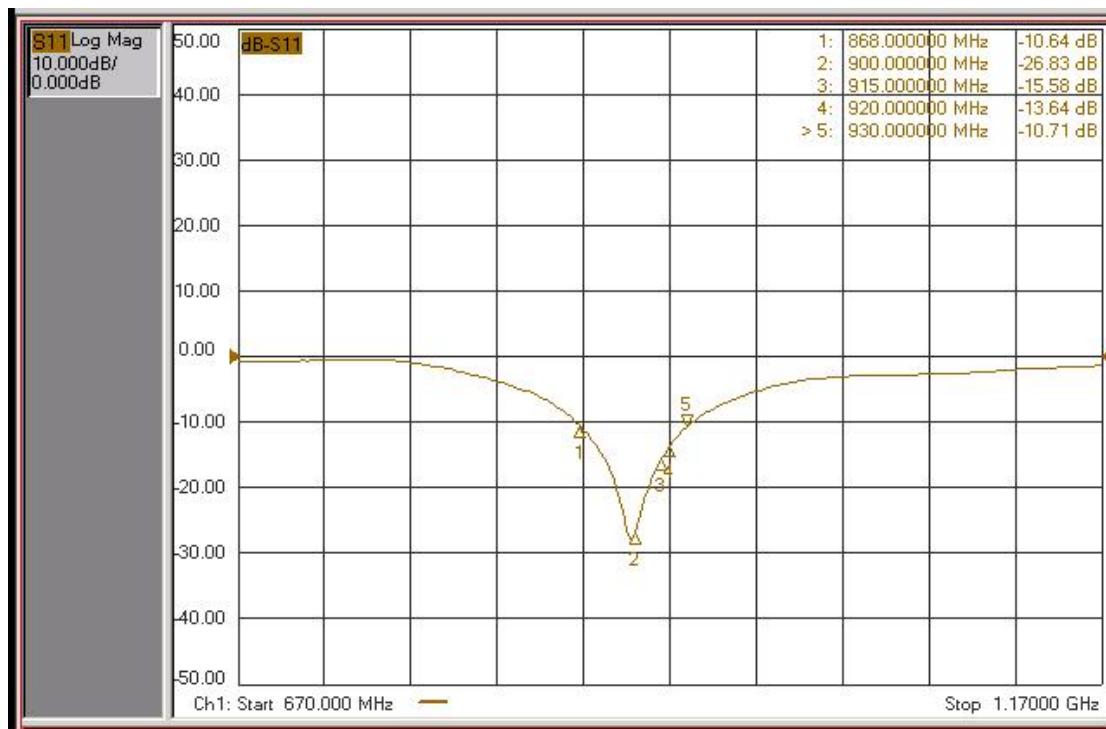
Test environment and equipment

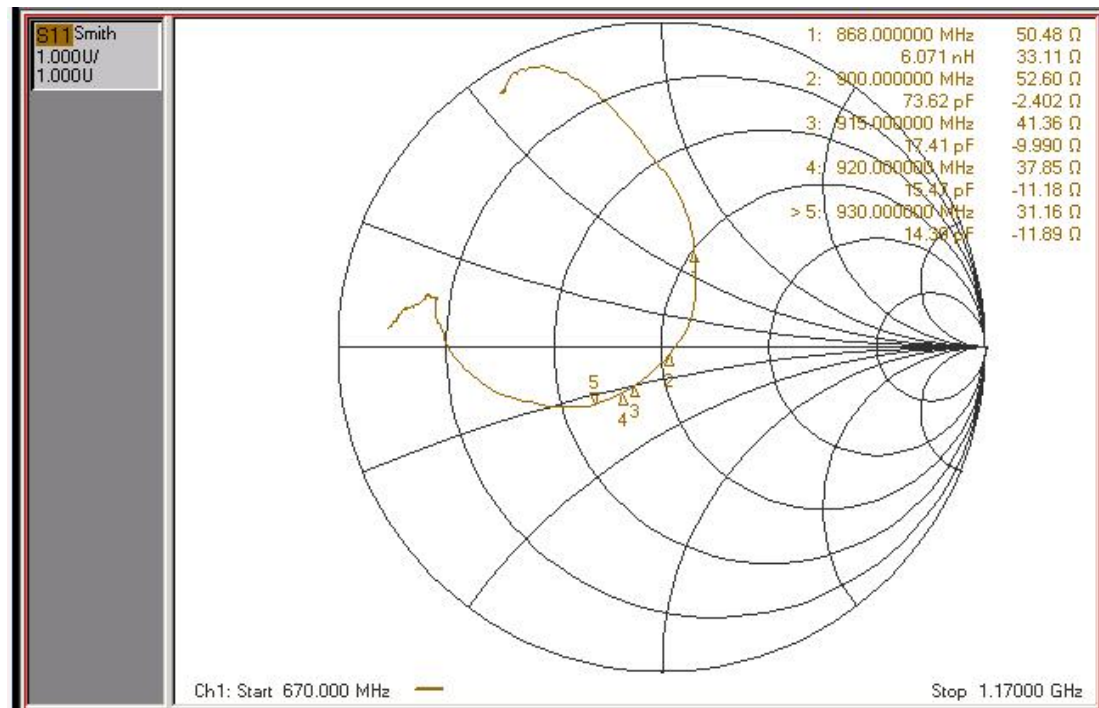
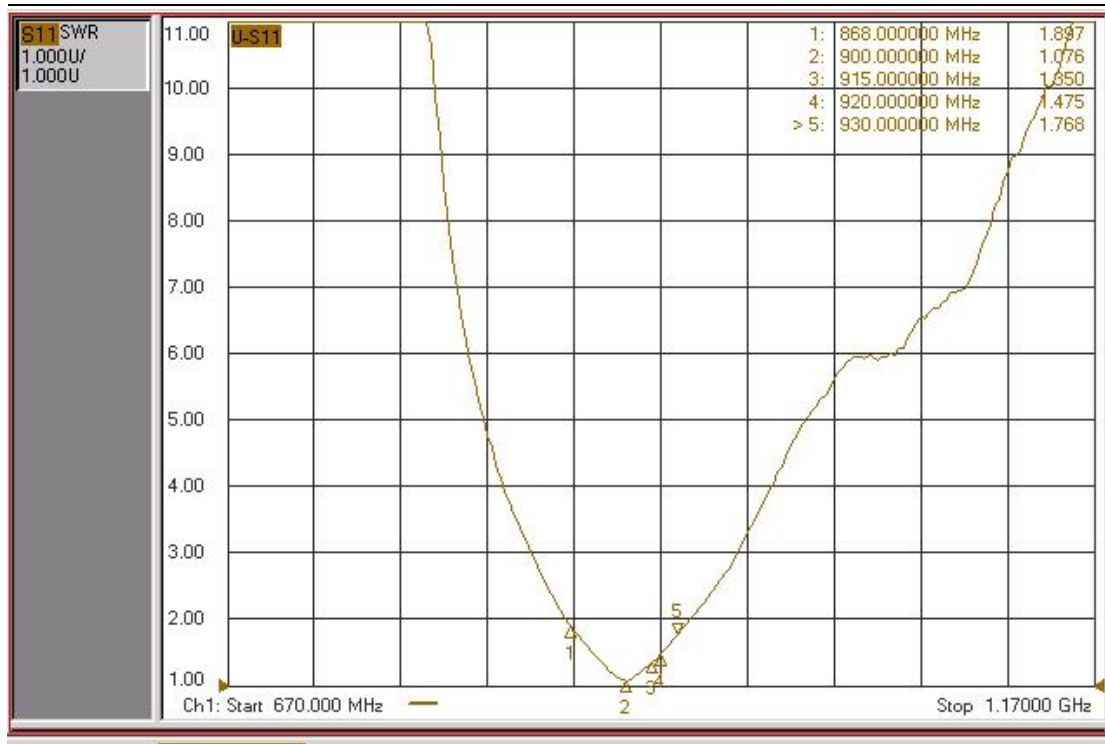
test environment	Test Equipment
temperature: 10℃——+30℃ Relative humidity: ≤80% (+40℃) Atmospheric pressure: 750mmkg±30mmkg	HP8753D network analyzer ETS microwave anechoic chamber

4.22 Product electrical performance test data:

S11 diagram of the product:

Marker	868MHz	900MHz	915MHz	920Mhz	930MHz
Returnloss	-10.8	-26.8	-15.6	-13.6	-10.7
VSWR	1.9	1.1	1.35	1.47	1.77







5. 产品包装方式

包装方式:

自封袋包装, 每包 200PCS。

6. 文档履历

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复核 Review	WH

文件历次表

Revised History

Date	Version	Revised Record
2022/4/27	1.00	New Project