

Antenna Specifications



专业的4G/3G/GPS/WIFI等天线方案设计及供应商

客户名称：

项目名称： IPC271TS2-JNA

频段： WIFI2.4G/BT

版本： A

制作日期： 2025-10-15

SHUN DA CHENG TECHNOLOGY CO., LTD

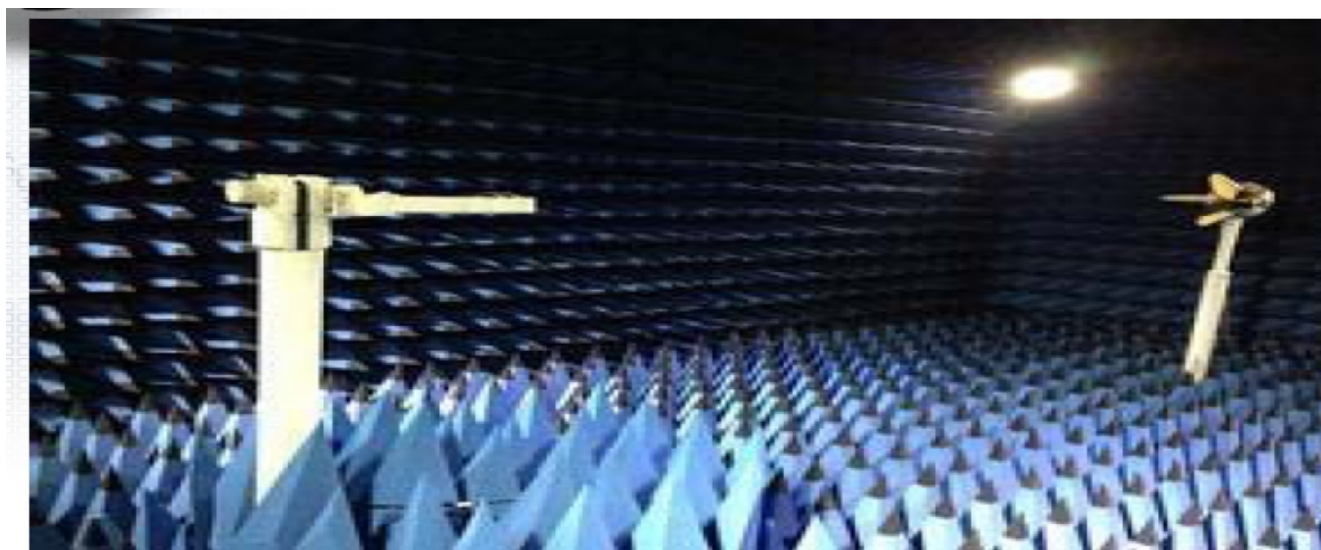
Address: 4th Floor, Building B5, Xinfu Industrial Park, Chongqing Road, Fuyong Town, Baoan District, Shenzhen, China

Telephone: +86-755-27211658

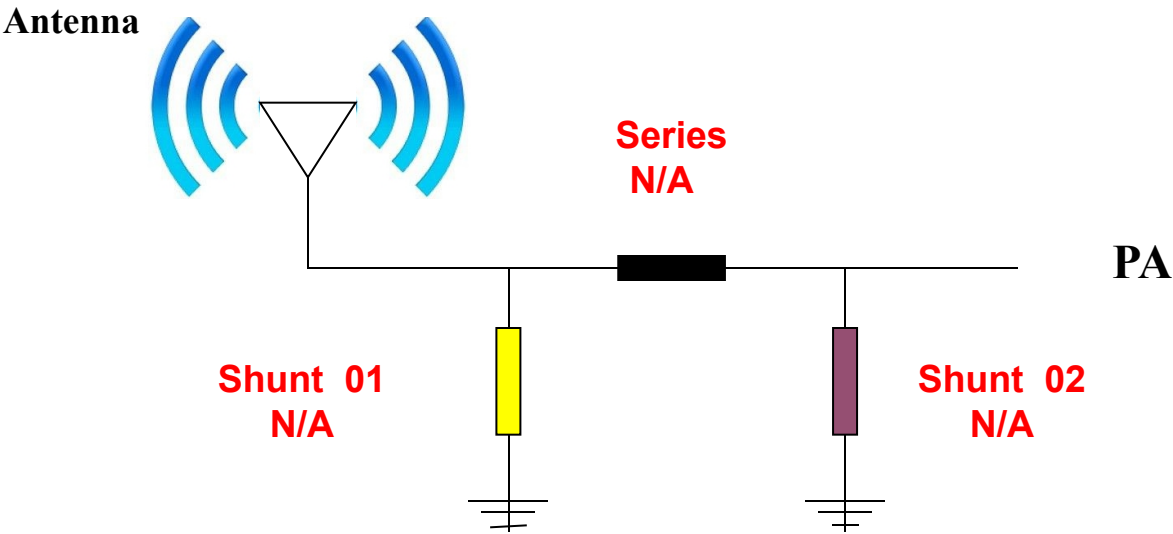
Fax: +86-755-29485750

Test system

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

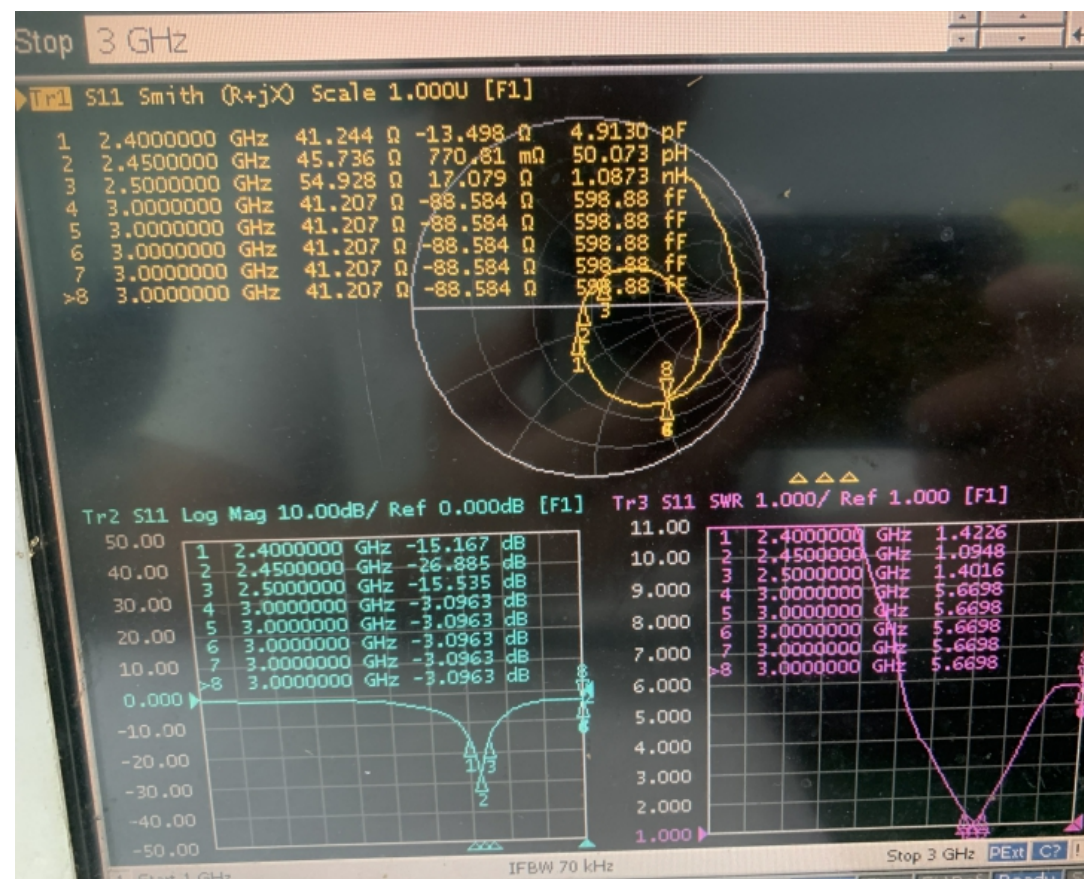


Antenna Matching Network



Location	Description	Vendor
Shunt 01	N/A	N/A
Series	N/A	N/A
Shunt 02	N/A	N/A

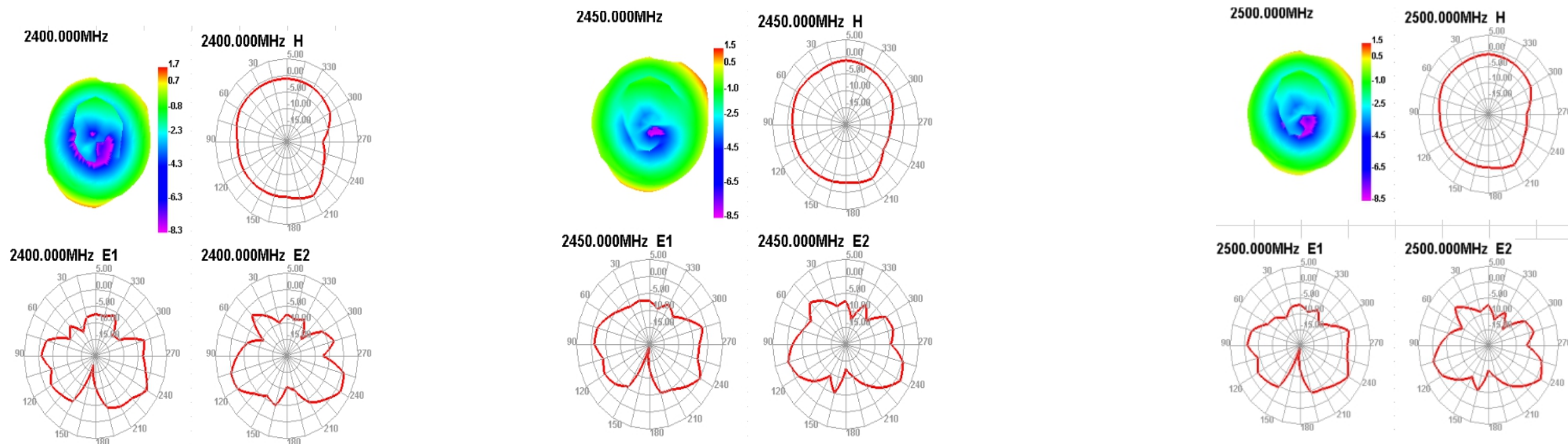
S11 Smith/Log Mag/SWR



频率 (MHZ)	2400	2450	2500
驻波比	1.42	1.09	1.4
阻抗	41.2 Ω	45.7 Ω	54.9 Ω
回损	-15.1	-26.8	-15.5

增益&效率

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43. 53	1. 67
2450	46. 44	1. 49
2500	45. 68	1. 53

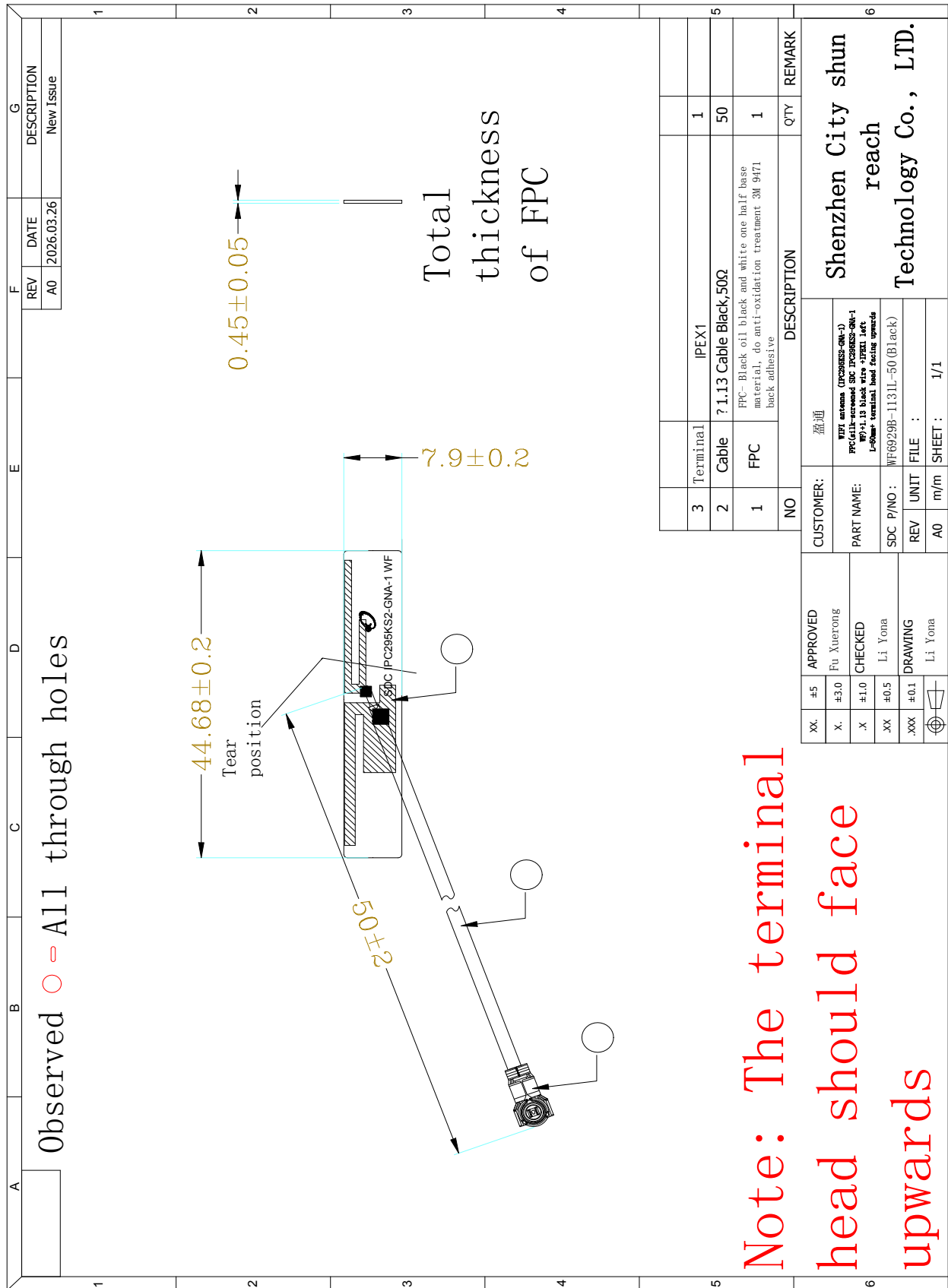


WIFI OTA Data

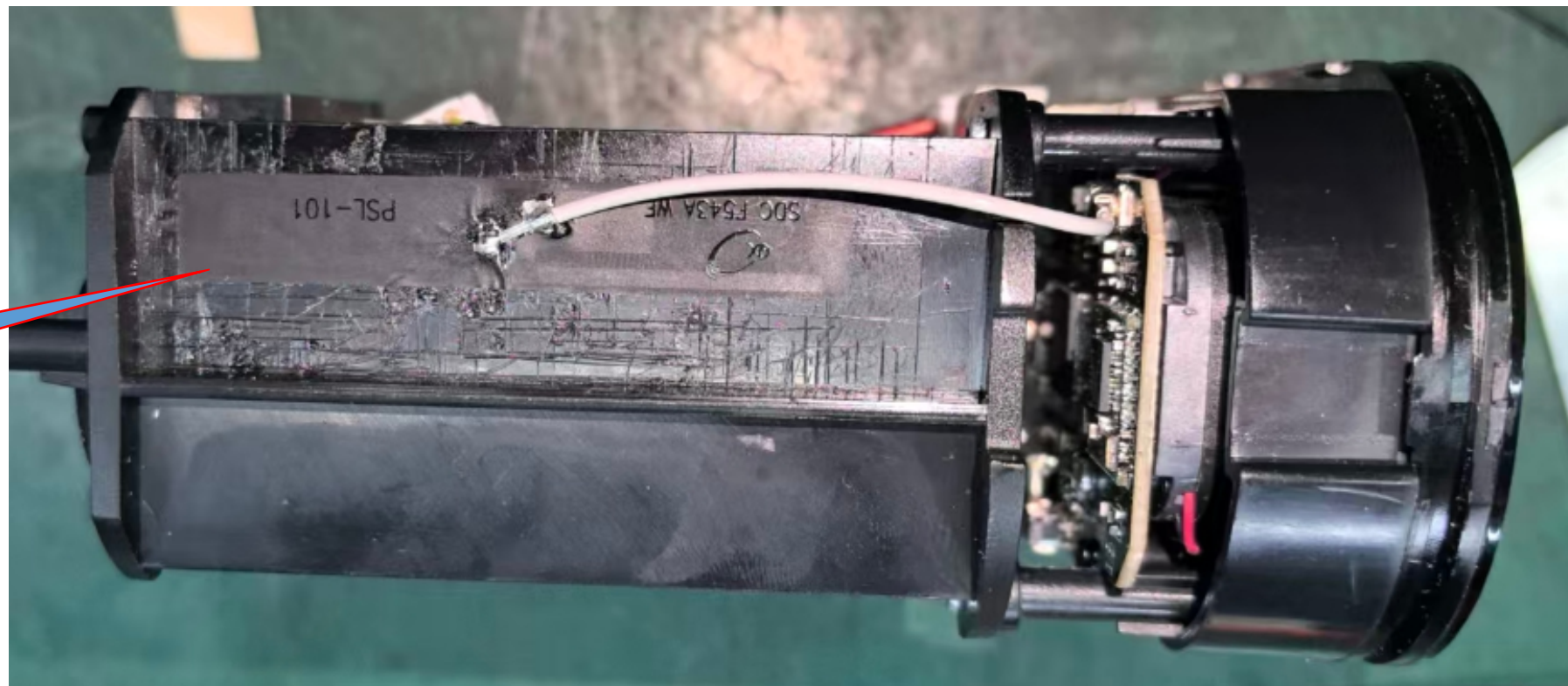
2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	15.07	15.34	15.16
TIS	-69.25	-70.63	-69.42



Drawing or Product Image



Note: The terminal head should face upwards



WIFI天线

Thanks