



上海杰盛康通信工程有限公司

Shanghai Jesoncom Communication Engineering Co., Ltd
Confidential

Part Acknowledgment Form

Supplier : Shanghai Jesoncom Communication Engineering Co., Ltd

Name : FPC Antenna

figure number : 26B017B

Version : T:A

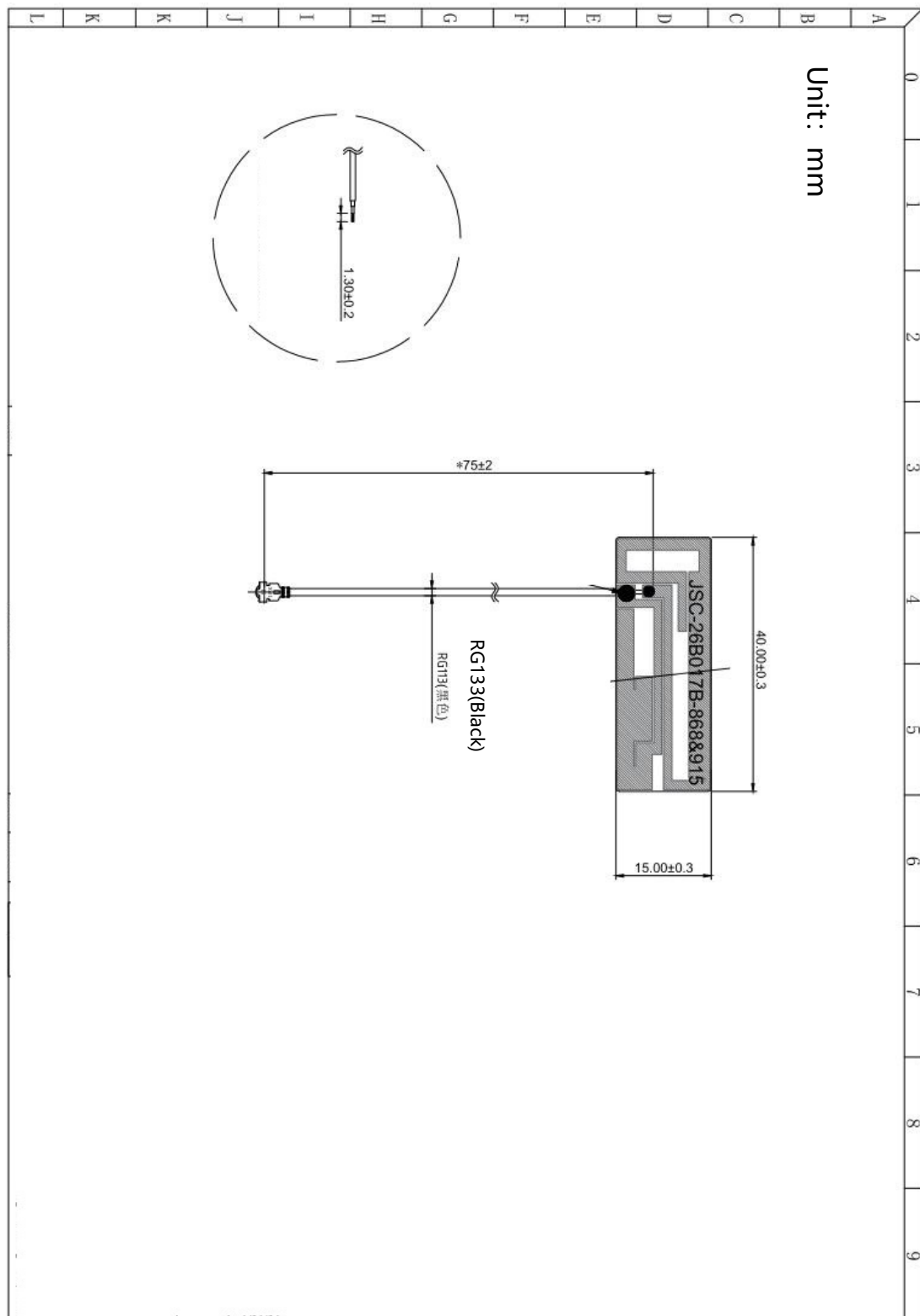
material code : _____

Date : 2025.08.26

Please return to us one copy of "SPECIFICATION FOR APPROVAL" with your approved signature. / 客户确认签字，盖章后请回传一份承认书给我司。

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2. Antenna outline drawing



3 explanation of nouns

dBi	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
TRP	Total Radiated Power
TIS	Total Isotropic Sensitivity
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access

4 test equipment

Vector Network
Analyzer Comprehensive
Tester SATIMO 64-bit Darkroom

5 Applicable frequency band

Operation frequency:	frequency
868M-915M	868M-915M

6 Basic test items

6.1 Standing wave diagram

6.2 Smith impedance diagram

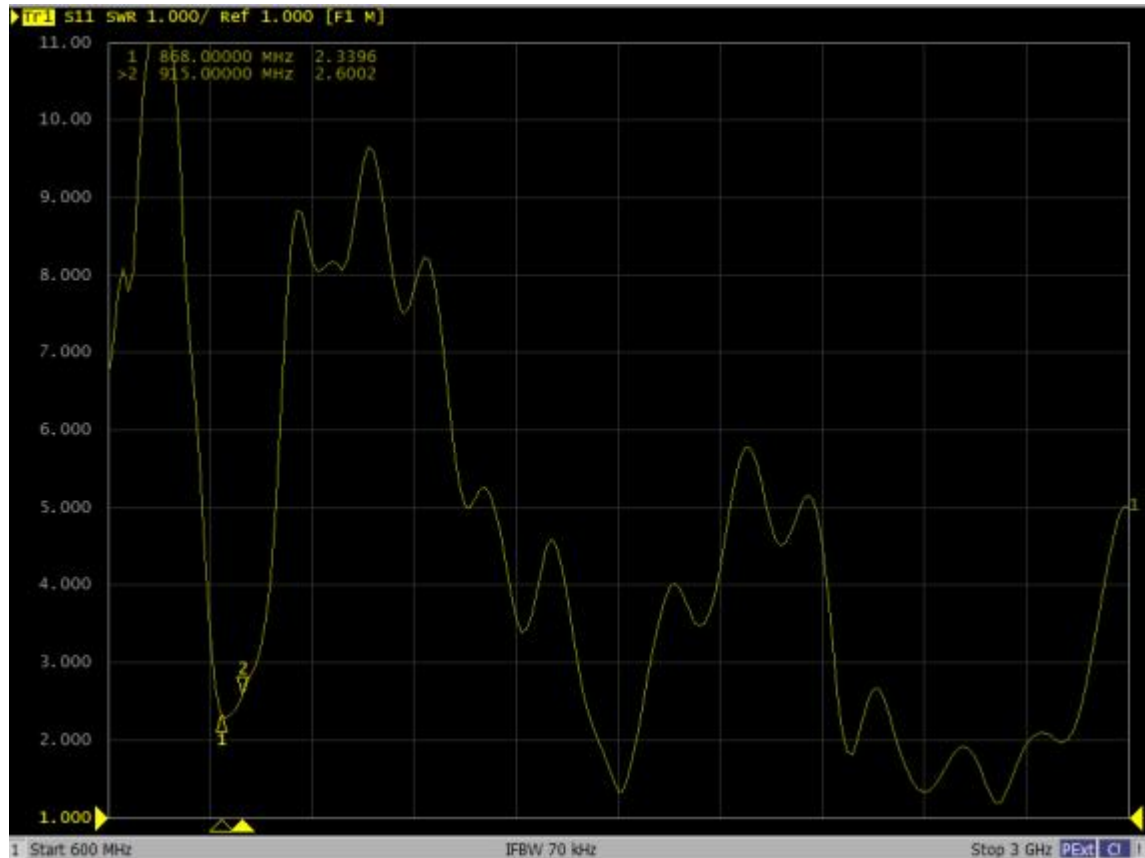
6.3 radiation pattern

6.4 Gain and efficiency

7 Test indicators and data charts

7.1 VSWR

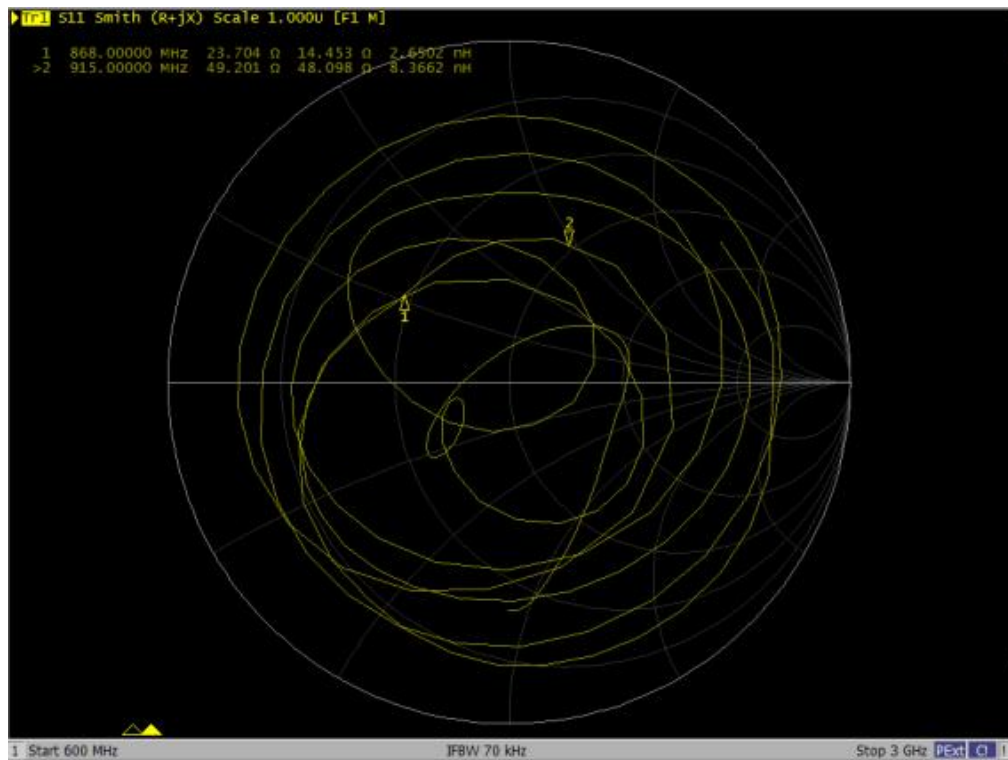
7.1.1 Standing wave diagram



7.1.2 Standing wave ratio data

Freq/MHz	868	915
VSWR	2.3	2.6

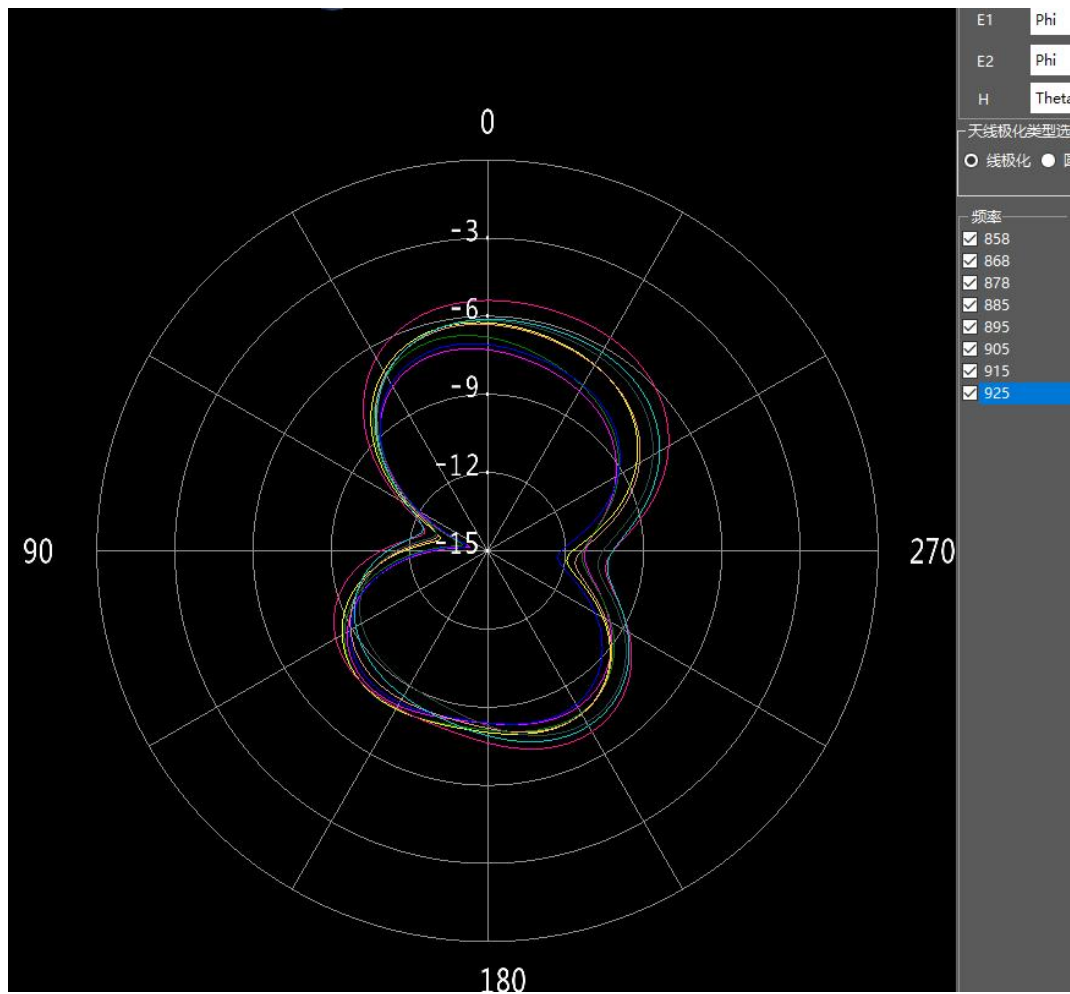
7.2 Smith impedance circle diagram



7.3 radiation pattern

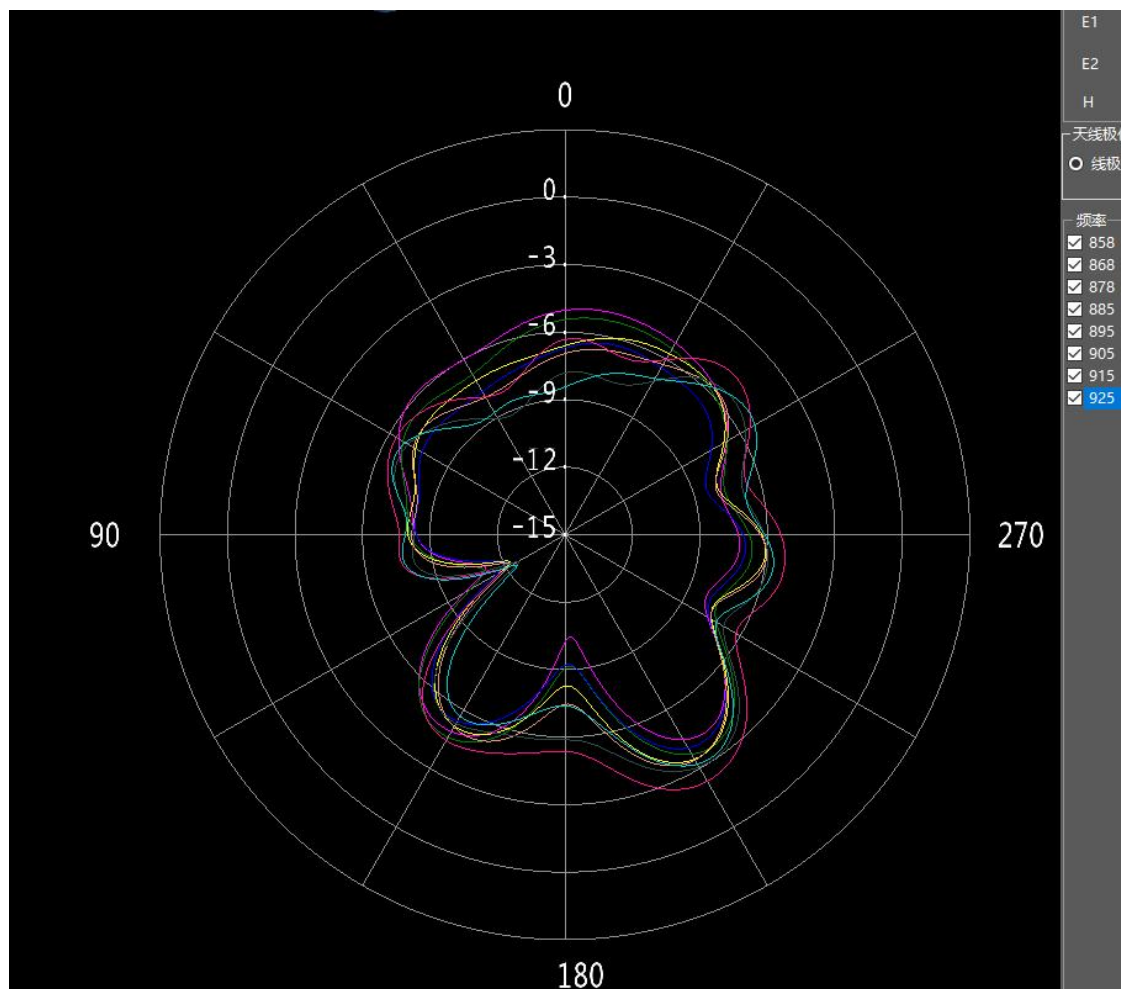
7.3.1H-plane

H

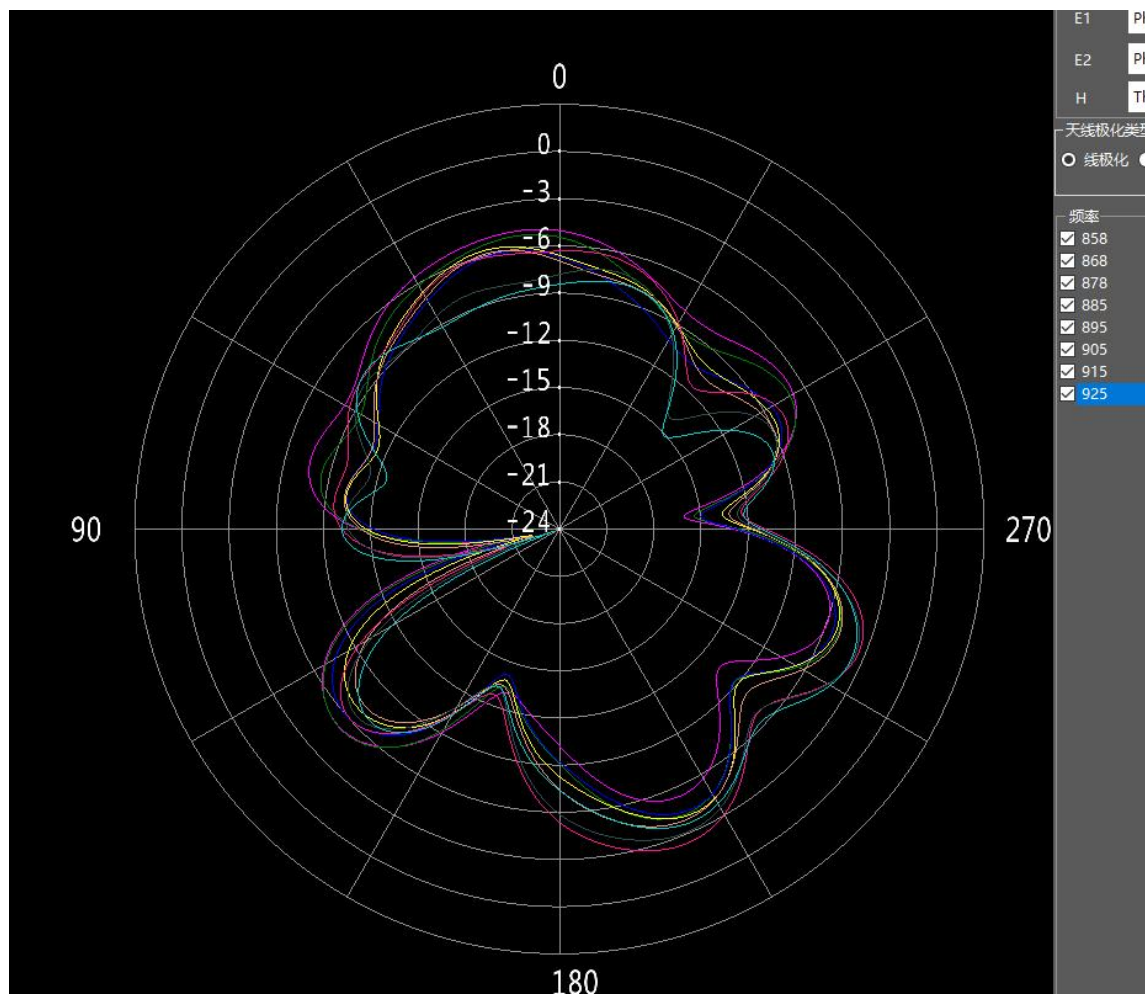


7.3.2E-plane

E1



E2



7.4 Gain and efficiency

frequency (MHz)	Gain (dBi)	Efficiency (%)
858	-3.78	20.07
868	-3.32	23.78
878	-3.71	21.58
885	-3.45	22.75
895	-3.38	24.63
905	-2.22	24.27
915	-2.70	25.07
925	-2.93	23.64