

OC33 RF specification

蓝牙 PCB 印制天线 Bluetooth PCB printed antenna

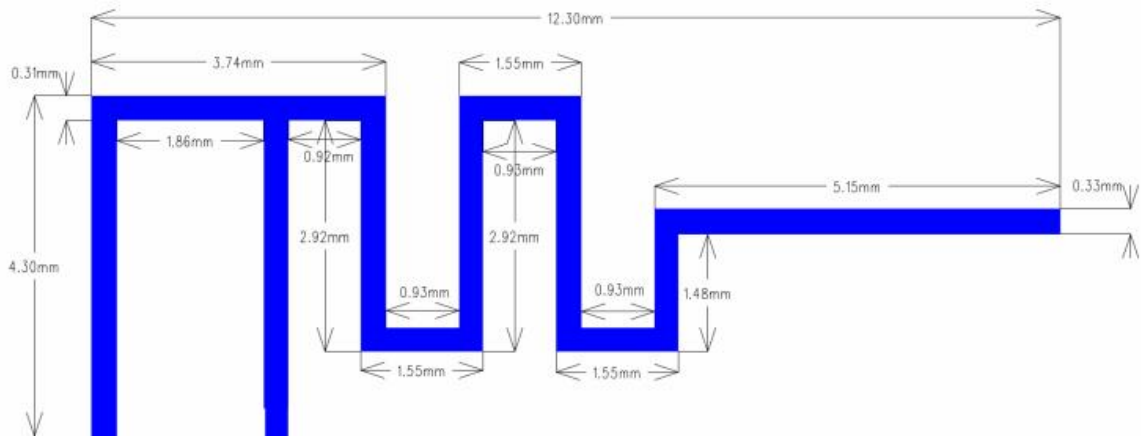
频率范围 Frequency Range (MHz): 2400-2500

频带宽度 Bandwidth (MHz): 100

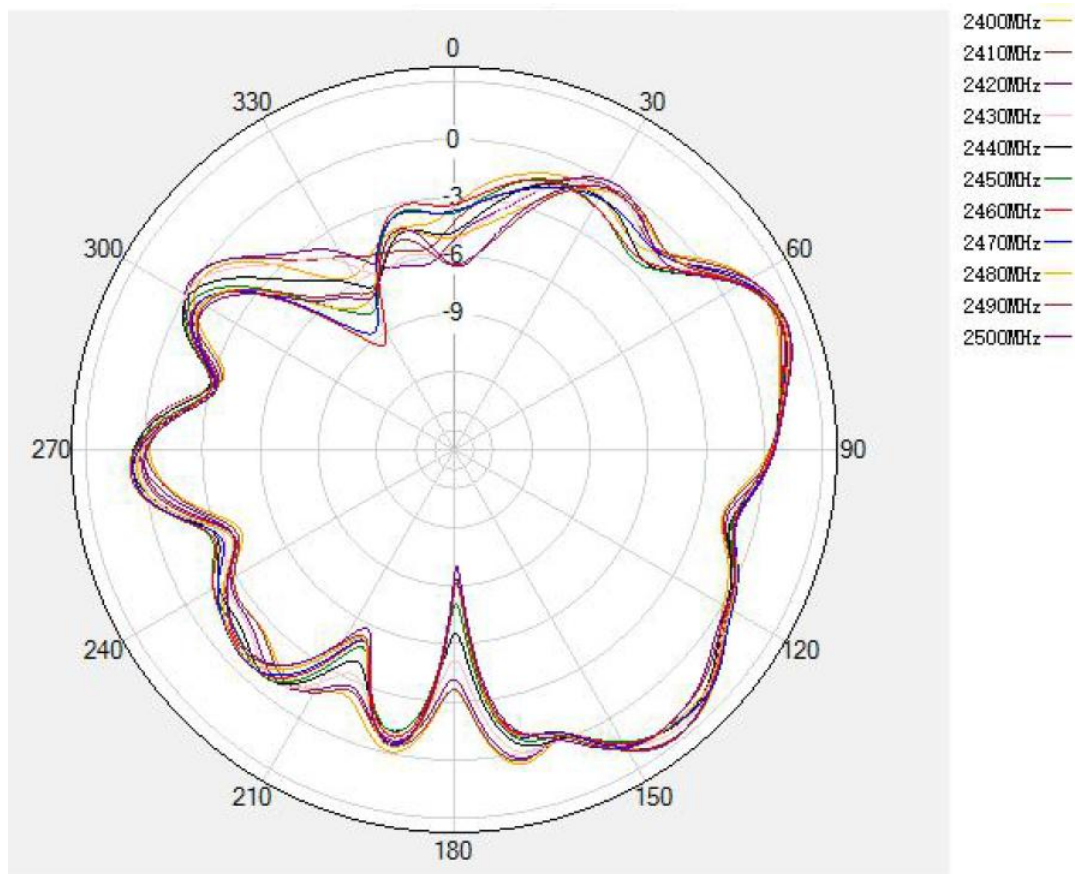
输入阻抗 Input Impedance (Ω): 50

增益 Gain (dBi): 0.58

电压驻波比 V.S.W.R: <2



Antenna size chart



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GPS antenna

Product Specifications

- The antenna is tested under machine condition.

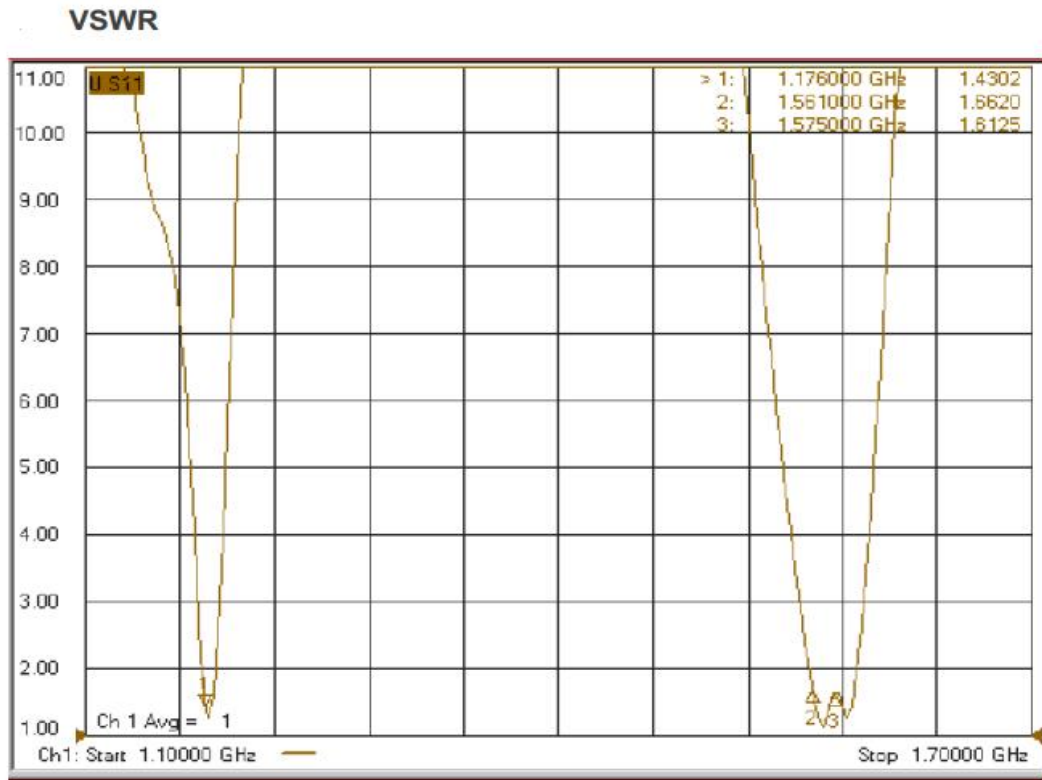
Passive Electrical Specifications

Frequency Range	1166-1186MHz / 1559-1585MHz
Input Impedence	50 Ω
VSWR	≤ 2.0
Gain	L5 \leq 1 dBi L1 \leq 0 dBi
Polarization Type	RHCP

Mechanical Specifications

Antenna Size	25mm*25mm*4mm+18mm*18mm*4mm
Casing	Ceramics
Working Temperature	-40 °C to +85 °C

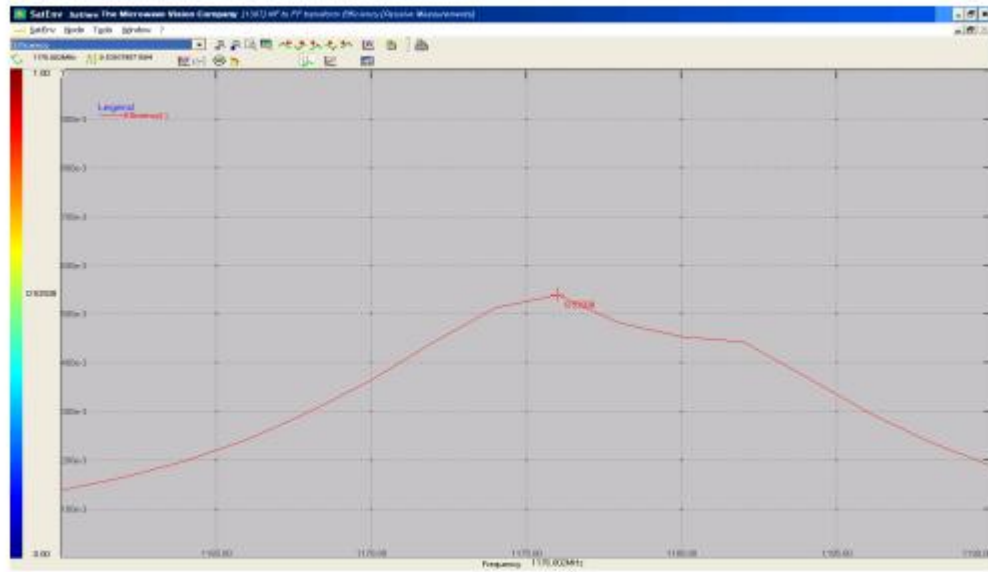
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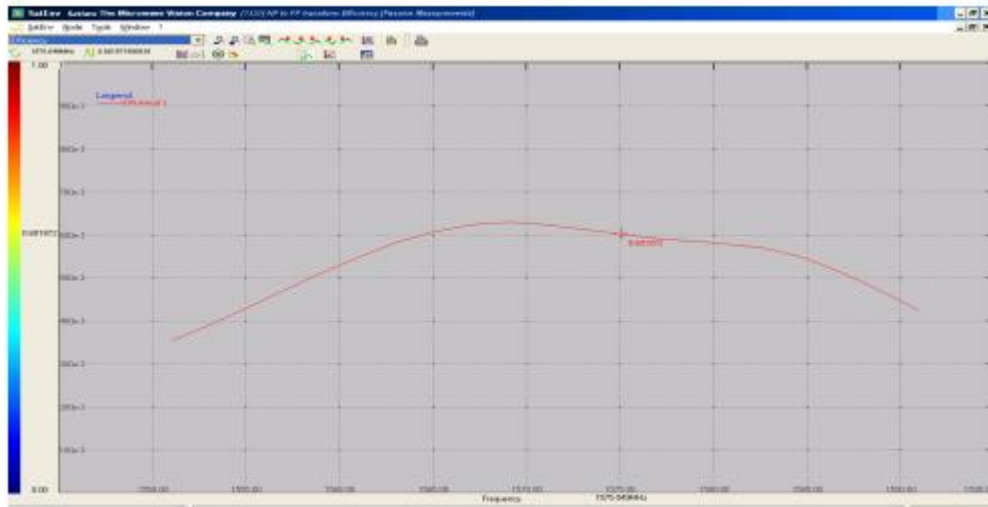
Frequency (MHz)	1176	1575
VSWR	1.43	1.61

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Efficiency



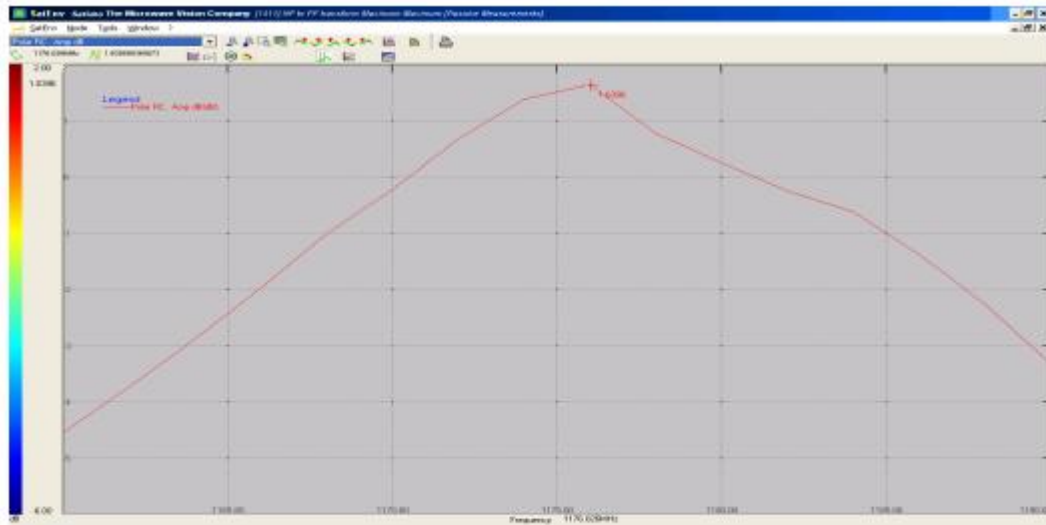
Frequency (MHz)	1176
Efficiency (%)	53.9



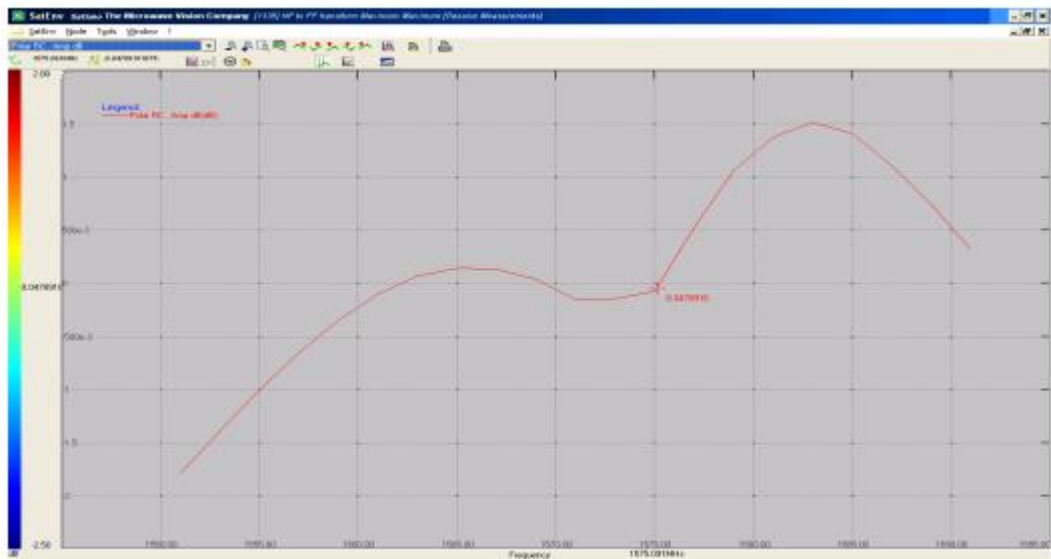
Frequency (MHz)	1575
Efficiency (%)	60.1

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Gain



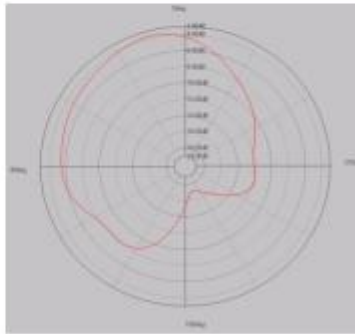
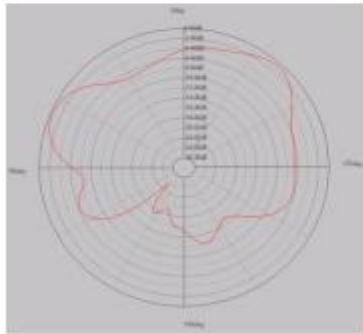
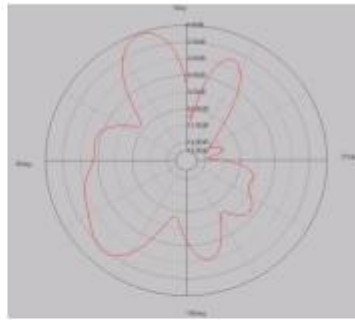
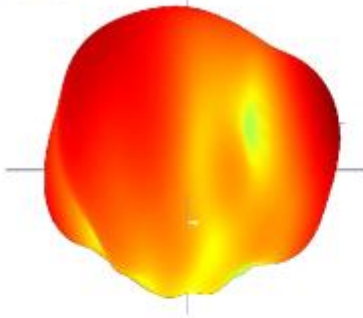
Frequency (MHz)	1176
Gain (dBi)	1.63



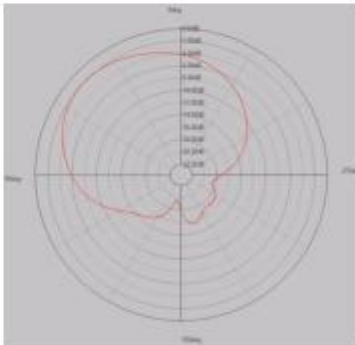
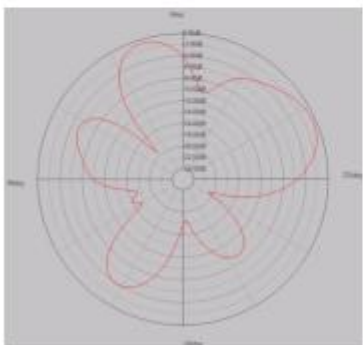
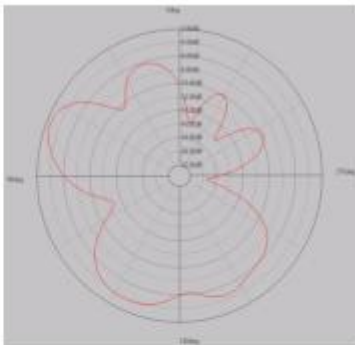
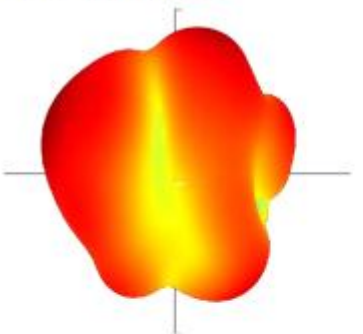
Frequency (MHz)	1575
Gain (dBi)	0

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GPS-1176MHz



GPS-1575MHz

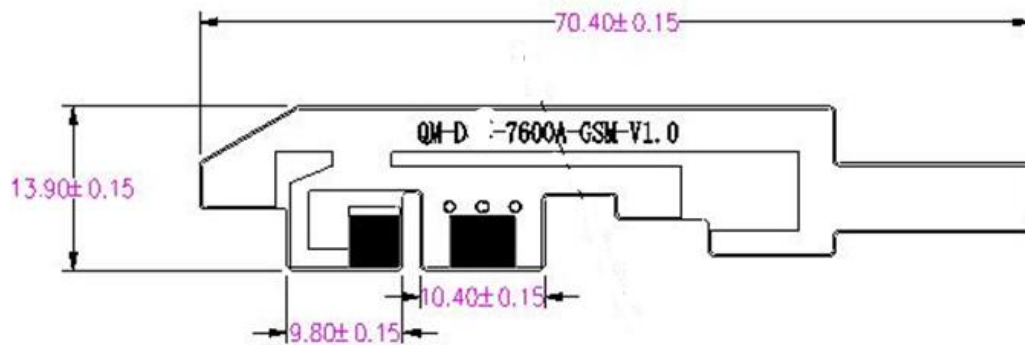


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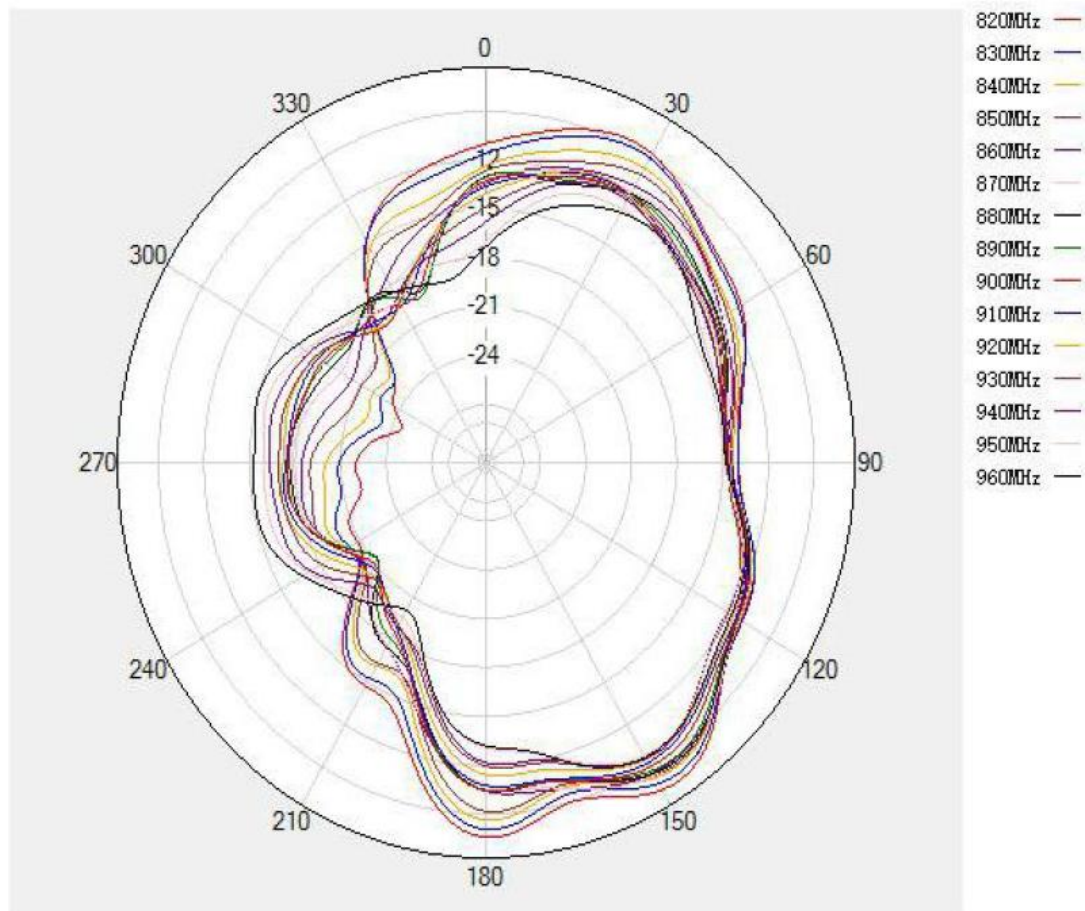
Network antenna
4G

天线状态	量产			整机状态	量产		
	LTE-FDD B1				LTE 2		
Channel	18050	18300	18550		18650	18900	19150
TRP	18.37	18.78	18.21		18.56	18.19	18.85
TIS			-90.54				-90.68
	LTE-FDD B3				LTE 4		
Channel	19300	19575	19850		20000	20175	20350
TRP	18.14	18.67	18.56		18.82	17.88	18.16
TIS			-90.27				-90.06

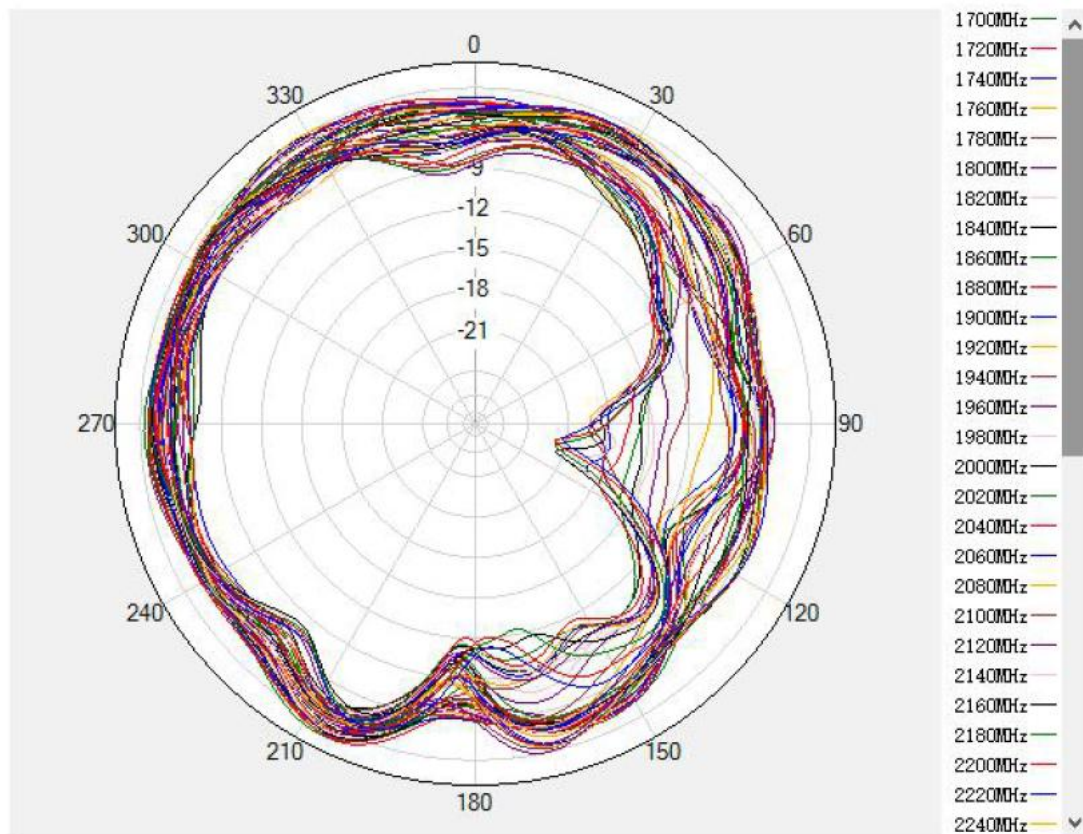
频段frequency	增益Gain(dBi)
W850	-0.87
W1900	-1.25
B2	-1.25
B4	-0.86
B5	-0.87
B12	-0.72



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Manufacturer

Shenzhen Qianmu Communication Technology Co., Ltd.

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