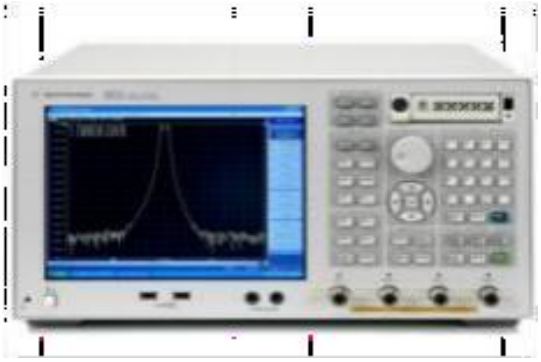
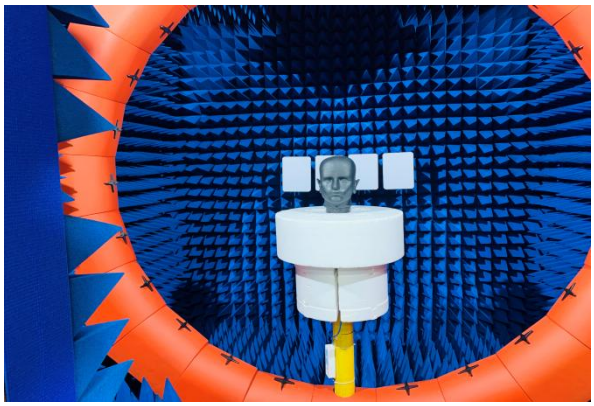
SPECIFICATION FOR APPROVAL

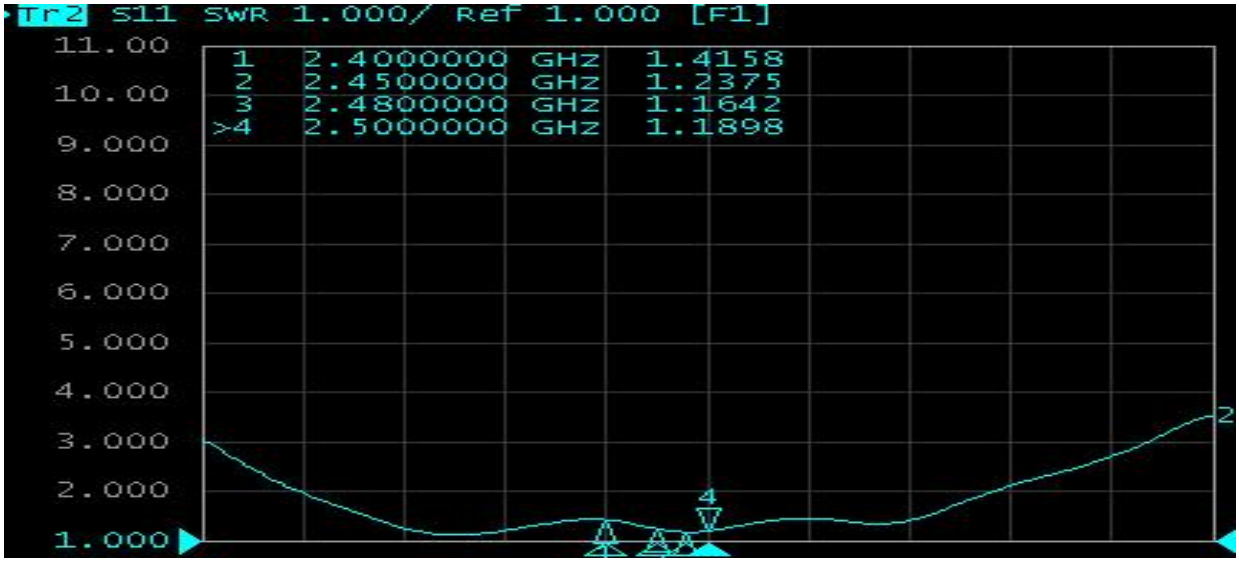
Customer Name	Shenzhen Jialide Technology Co., Ltd		
Customer Project Name	A200	Helixun Project Name	A200
Customer P/N		Helixun P/N	HLX0042-A200-FPC-V1
Band	2400-2500MHz		
Version	A0		
Designer Information			
RF Engineer	Yafei Huang	EE Engineer	Yafei Huang
ME Engineer	Ziji Zhuo		

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

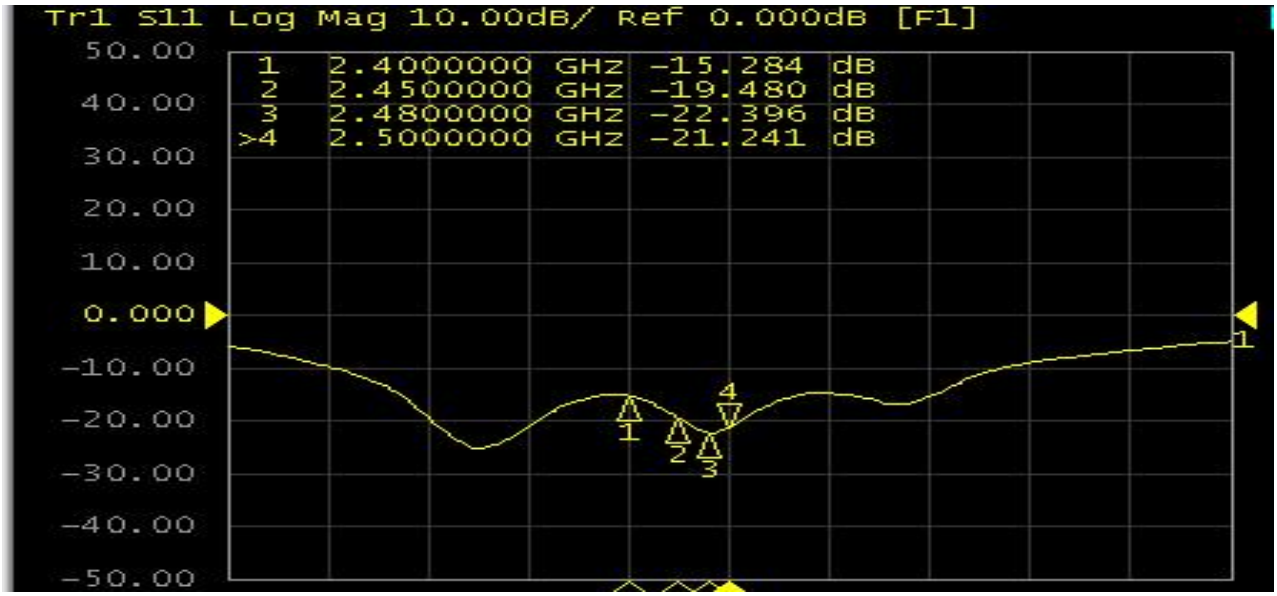




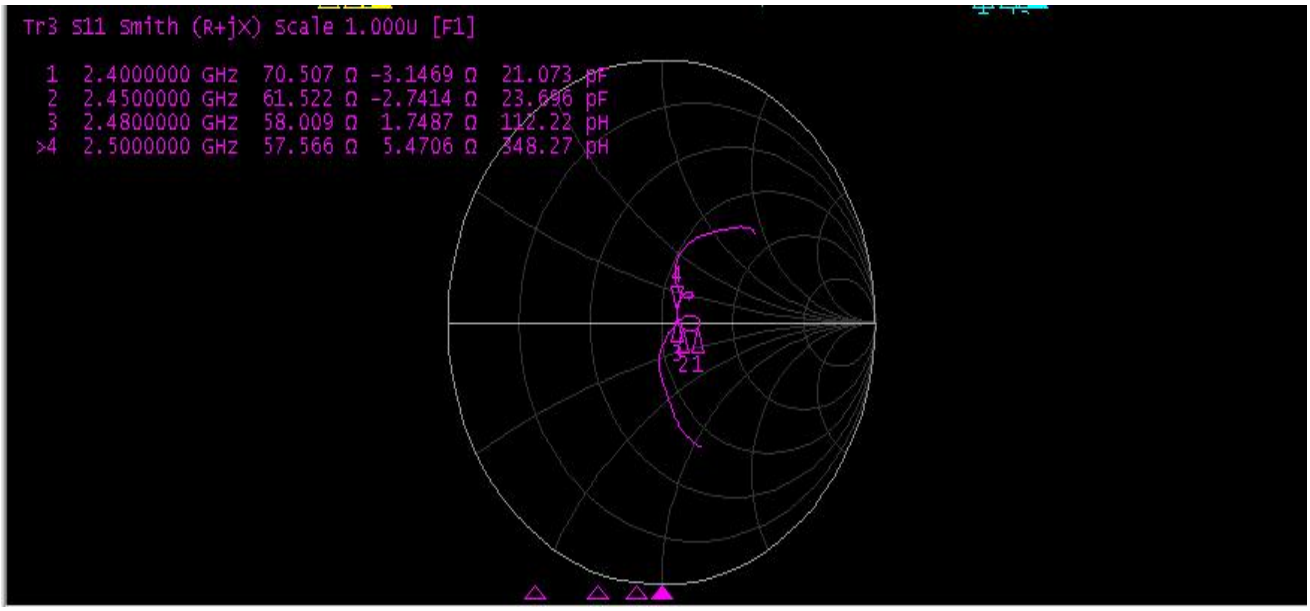
S11 Parameter-VSWR



Frequency (MHz)	2400	2450	2480	2500
VSWR	1.41	1.23	1.16	1.18



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-15.28	-19.48	-22.39	-21.24

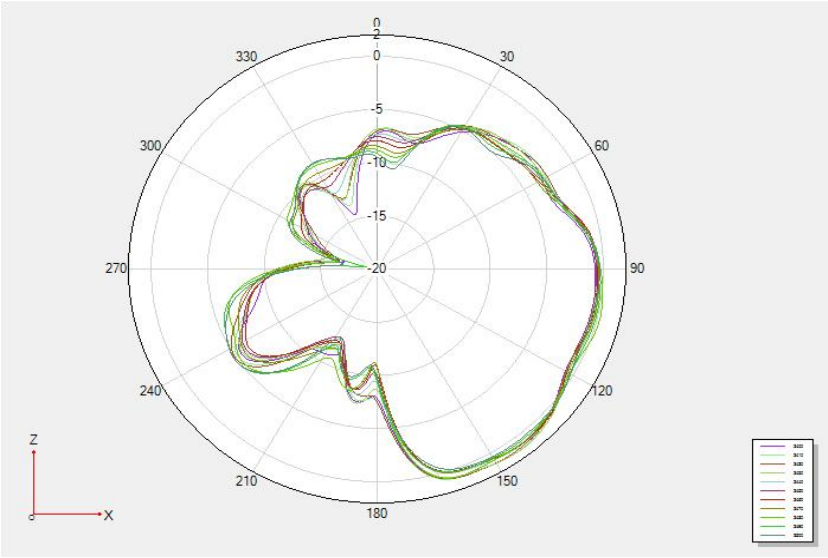


Frequency (MHz)	2400	2450	2480	2500
Smith(Ω)	70.50	61.52	58.01	57.56

Gain & Efficiency—— ANT

Frequency (MHz)	Efficiency (%)	Max GAIN (dBi)
2400	46.56	1.95
2410	47.32	2.04
2420	48.87	2.04
2430	46.99	2.26
2440	47.53	2.1
2450	46.77	2.15
2460	46.77	2.27
2470	48.53	2.29
2480	51.76	2.18
2490	53.58	2.28
2500	52.01	1.95

2D Pattern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30
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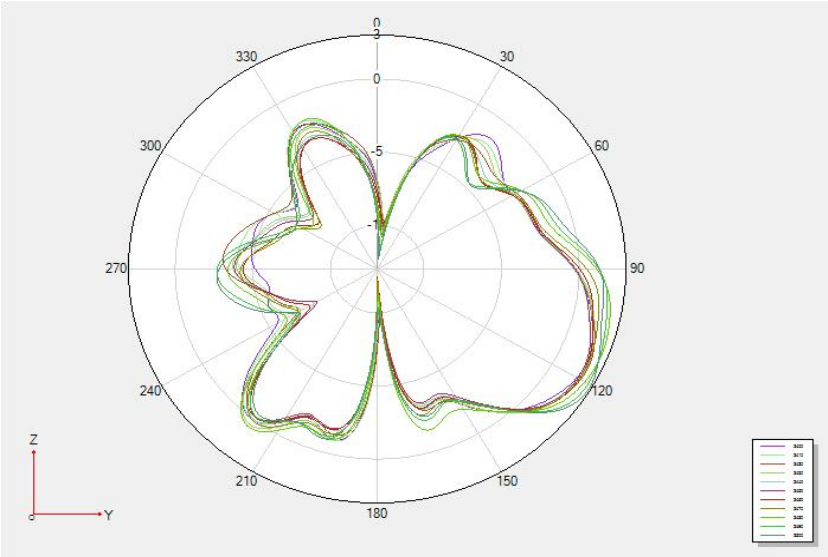
180
210
240
270
300
330
2
0
-5
-10
-15
-20
Z
X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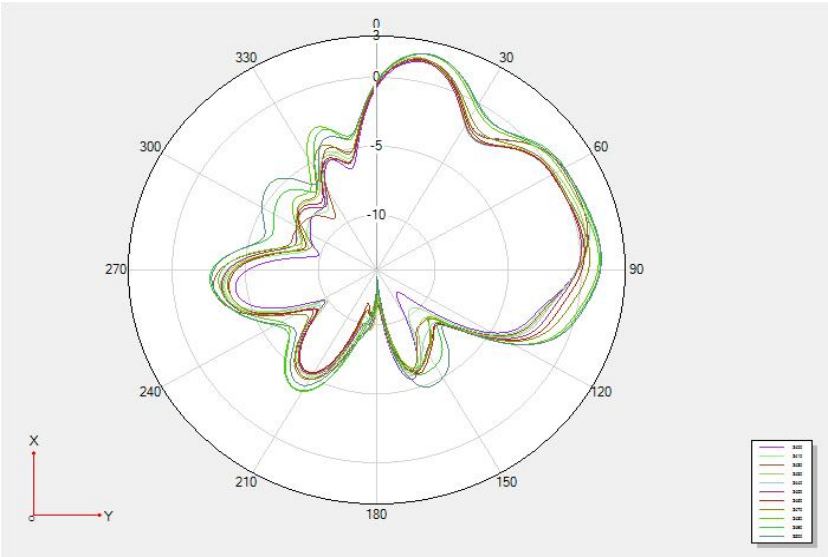
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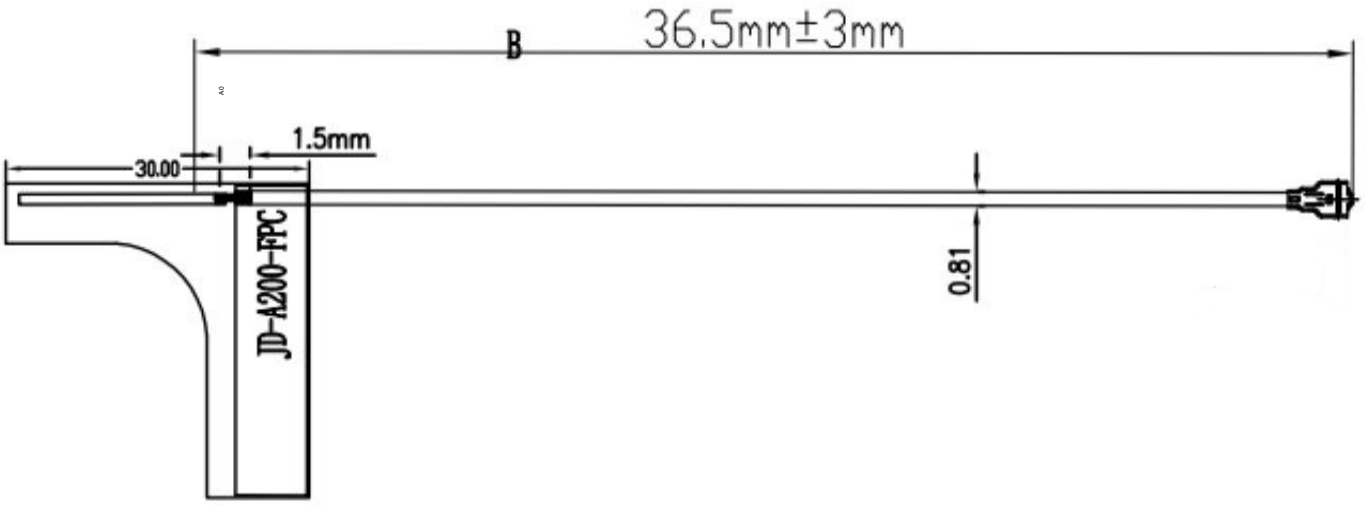
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