

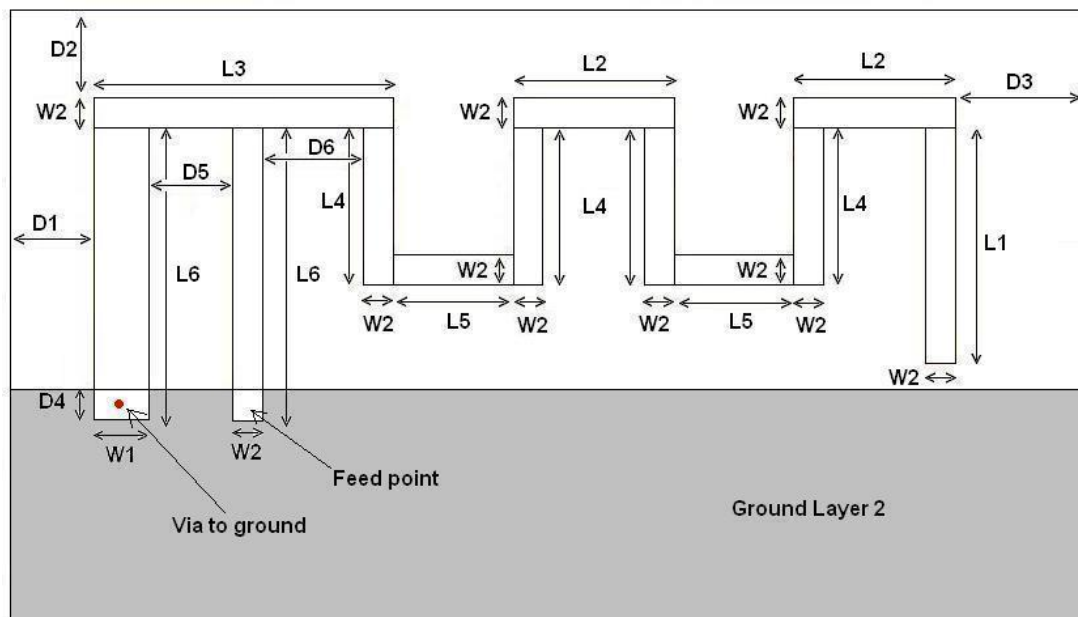
BJM-20 Antenna Specification

1. Antenna description:

Antenna plate	Monopole antenna
Make name/model name	YSJ-20-MAIN-V2.1
Antenna gain	1.8dBi
Frequency range	2.4GHZ-2.483GHZ
Connector type	direct
Location of measurement (company name)	SHENZHEN JLC ELECTRONICS CO.,LTD.

2. External view drawing:

Picture of antenna (TOP view)

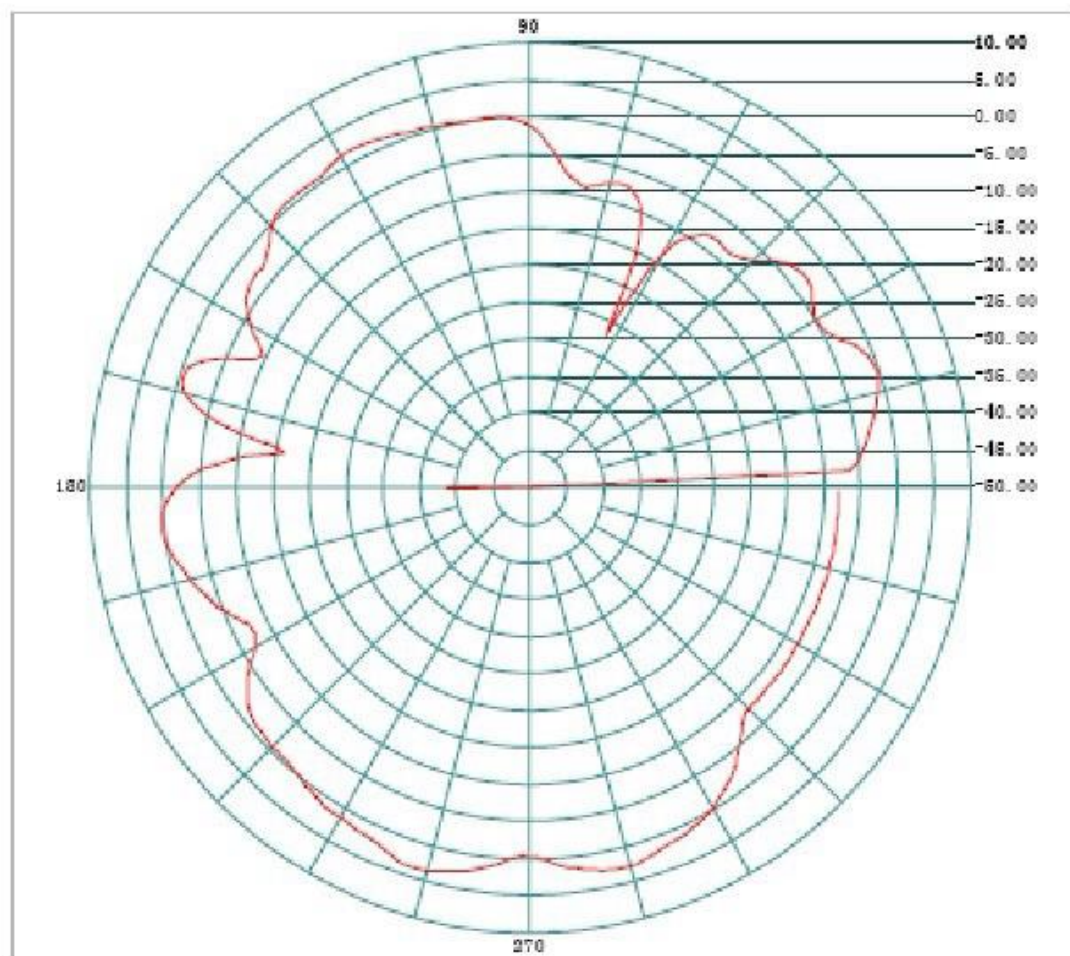


L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

3. Antenna Radiation Pattern

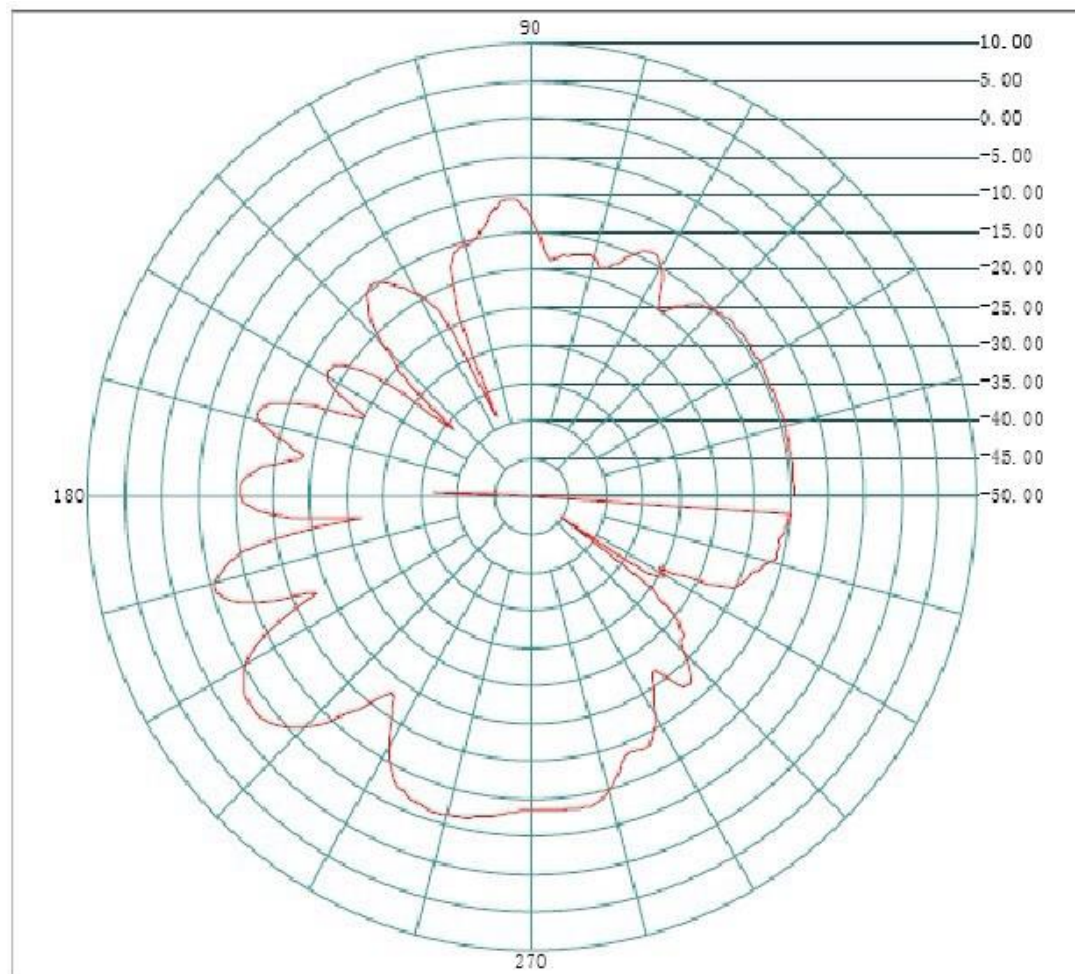
1) Main antenna : 2402 MHz

a) Horizontal



Frequency(MHZ)	2402
Antenna Polarity	Horizontal
Maximum Value(dBi)	1.8
Average Gain(dBi)	-1.42
Minimum Gain(dBi)	-61.26

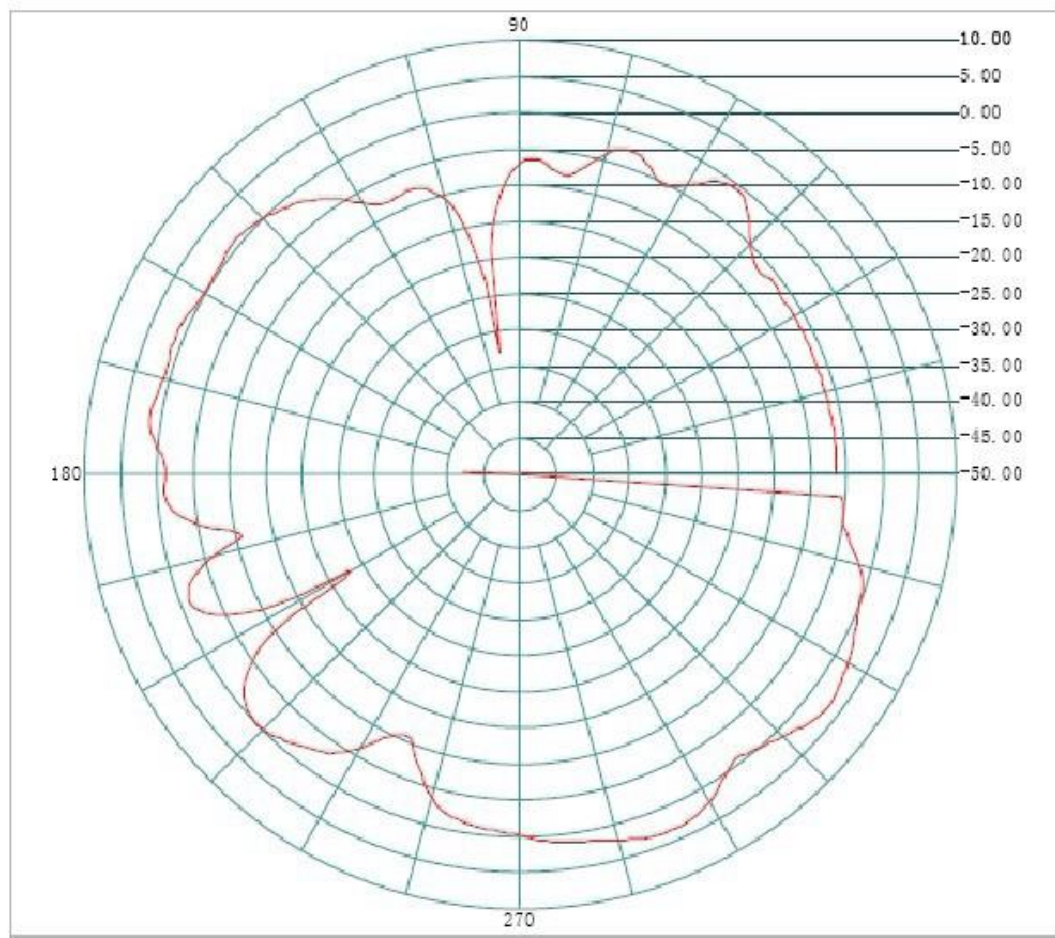
b) Vertical



Frequency(MHZ)	2402
Antenna Polarity	Vertical
Maximum Value(dBi)	-2.99
Average Gain(dBi)	-11.5
Minimum Gain(dBi)	-63.1

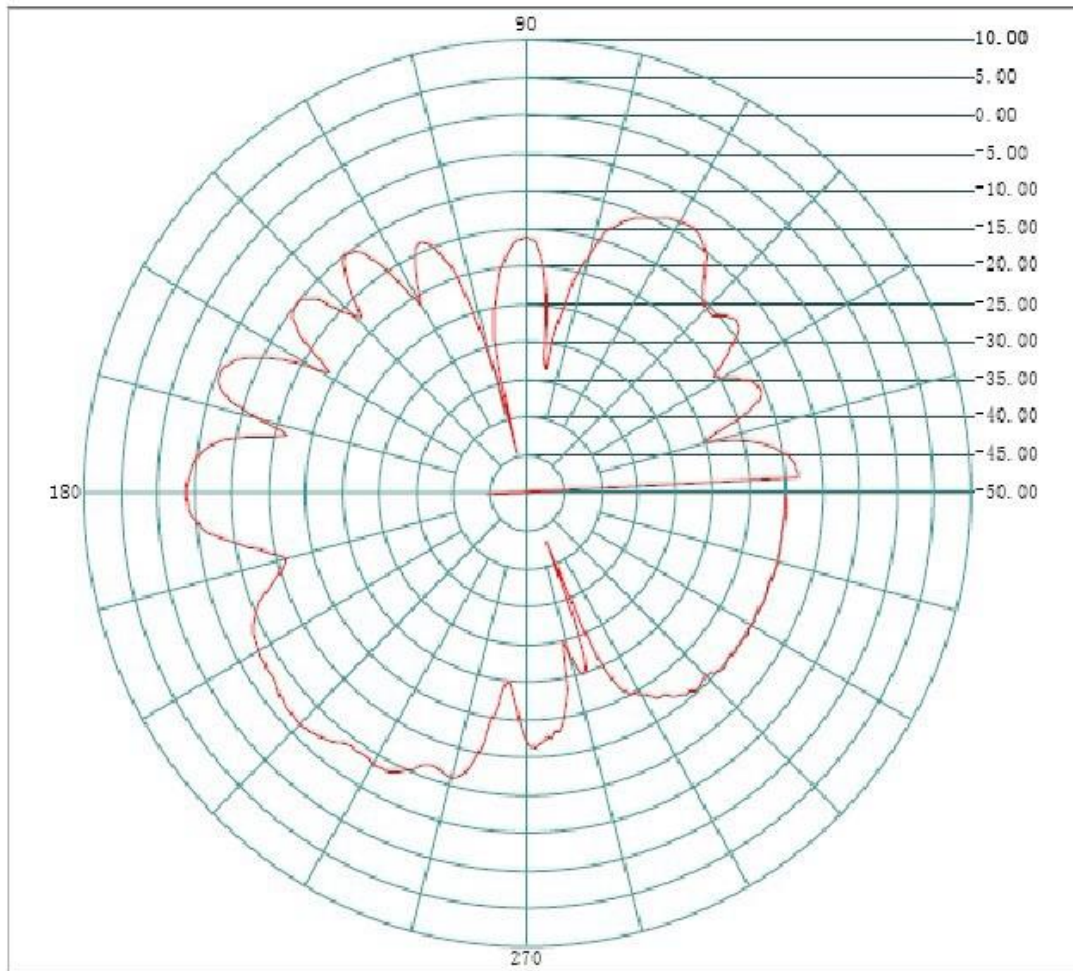
2) Main antenna : 2441 MHz

a) Horizontal



Frequency(MHZ)	2441
Antenna Polarity	Horizontal
Maximum Value(dBi)	1.59
Average Gain(dBi)	-1.41
Minimum Gain(dBi)	-57.8

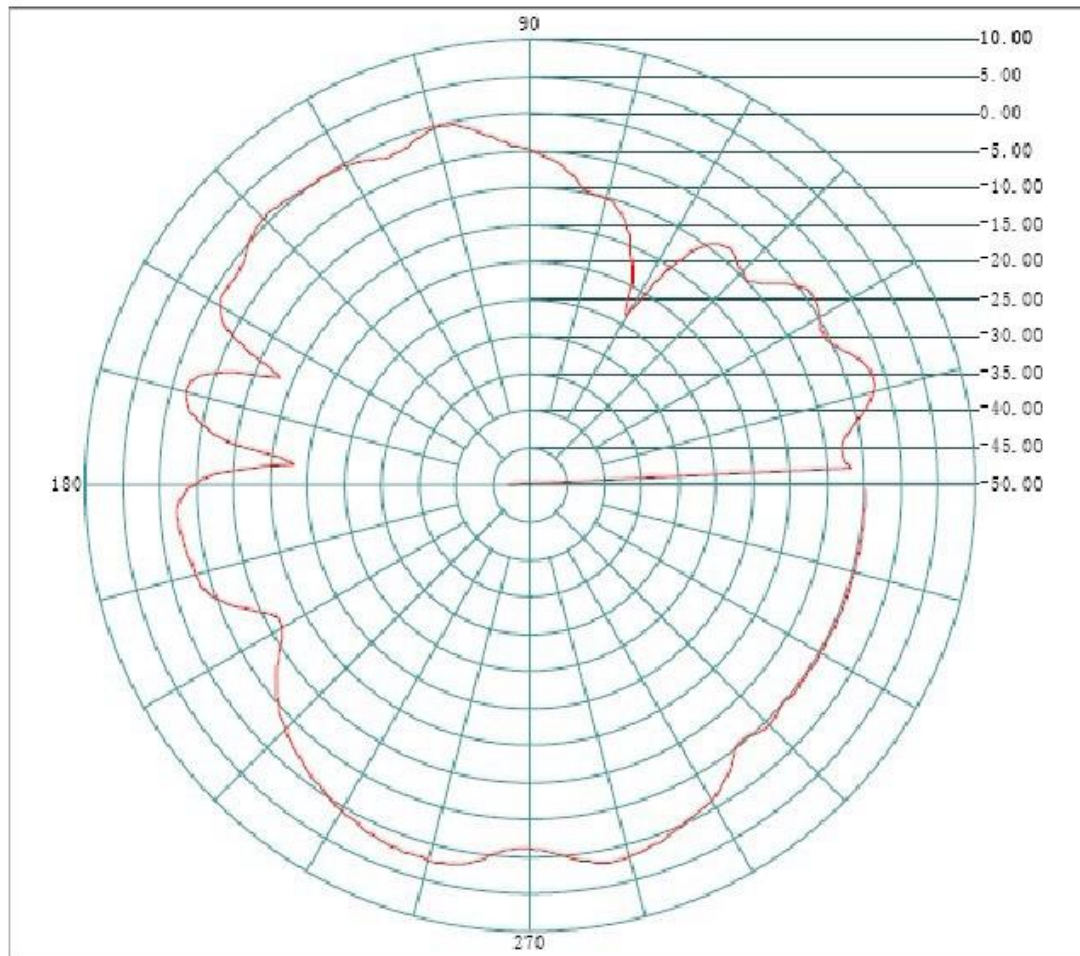
b) Vertical



Frequency(MHZ)	2441
Antenna Polarity	Vertical
Maximum Value(dBi)	-3.9
Average Gain(dBi)	-11.5
Minimum Gain(dBi)	-55.3

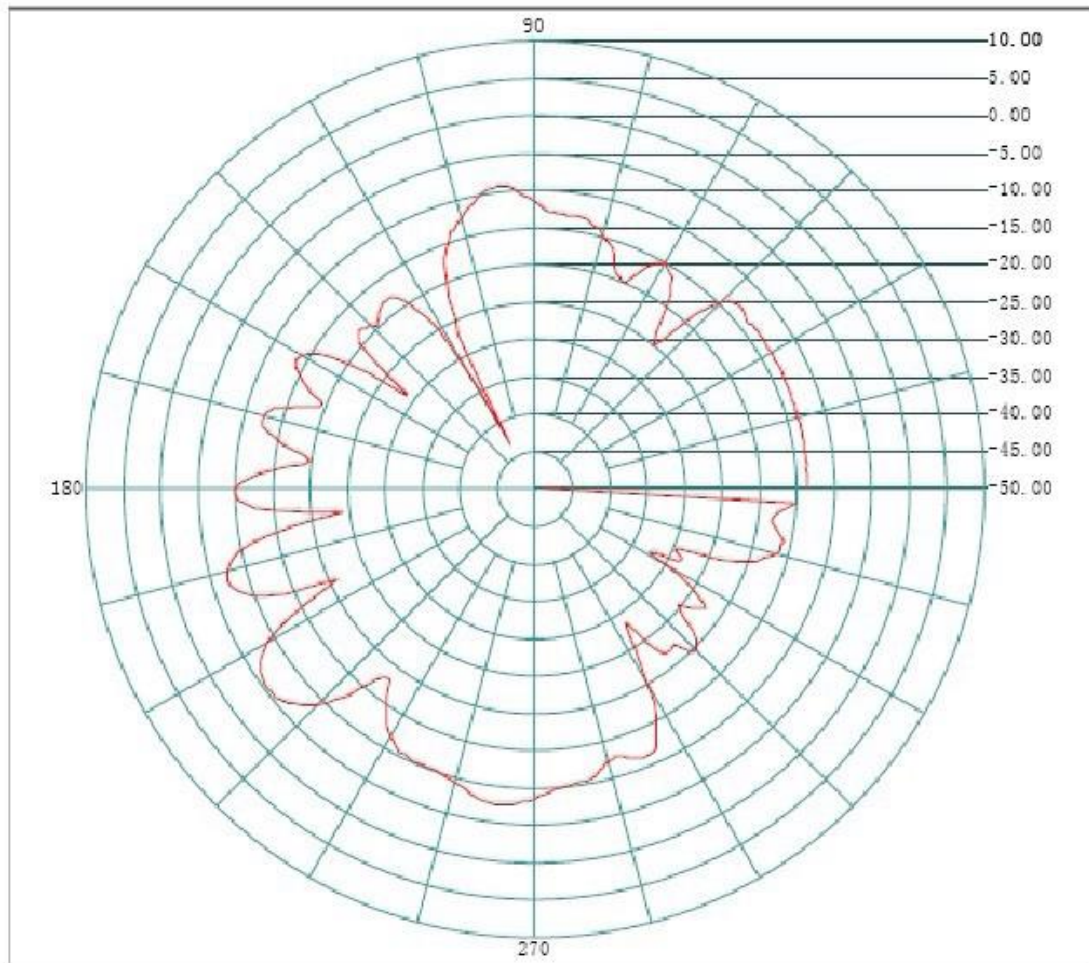
3) Main antenna : 2480MHz

a) Horizontal



Frequency(MHZ)	2480
Antenna Polarity	Horizontal
Maximum Value(dBi)	1.43
Average Gain(dBi)	-2.44
Minimum Gain(dBi)	-53.04

b) Vertical



Frequency(MHZ)	2480
Antenna Polarity	Vertical
Maximum Value(dBi)	-5.38
Average Gain(dBi)	-12.61
Minimum Gain(dBi)	-50.12