

Antenna specification

Model : BK3432BV1

Version: V1.00

Manufacturer: HE SHAN RUN CHANG ELECTRON AND ELECTRIC CO., LTD

PREPARED BY: TANG HAIFU APPROVED BY:

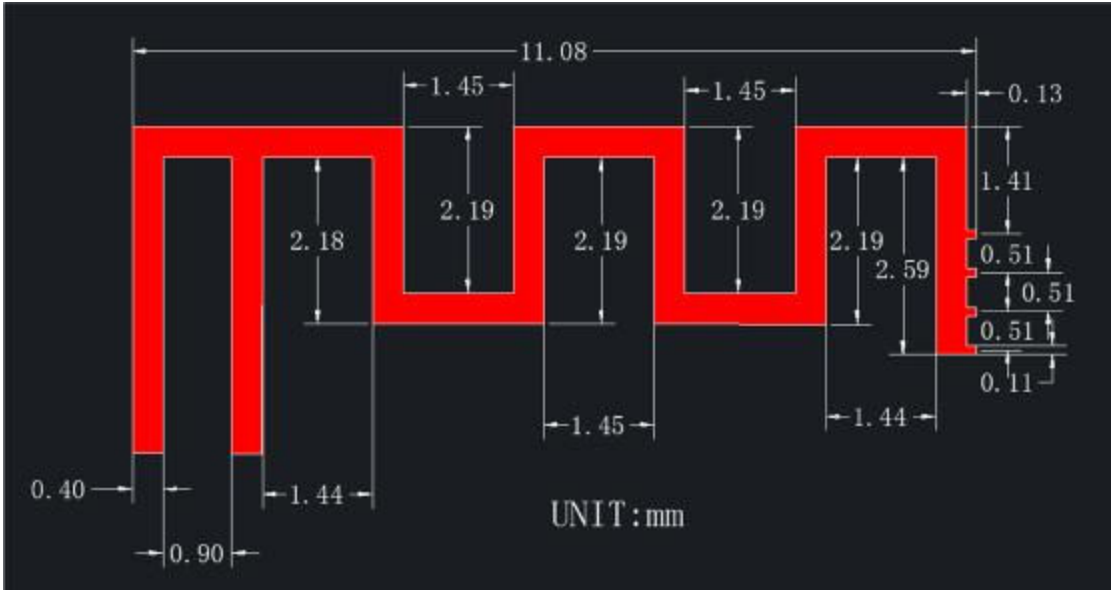
DATE: 2024. 3. 1 DATE:

Specifications

Summary

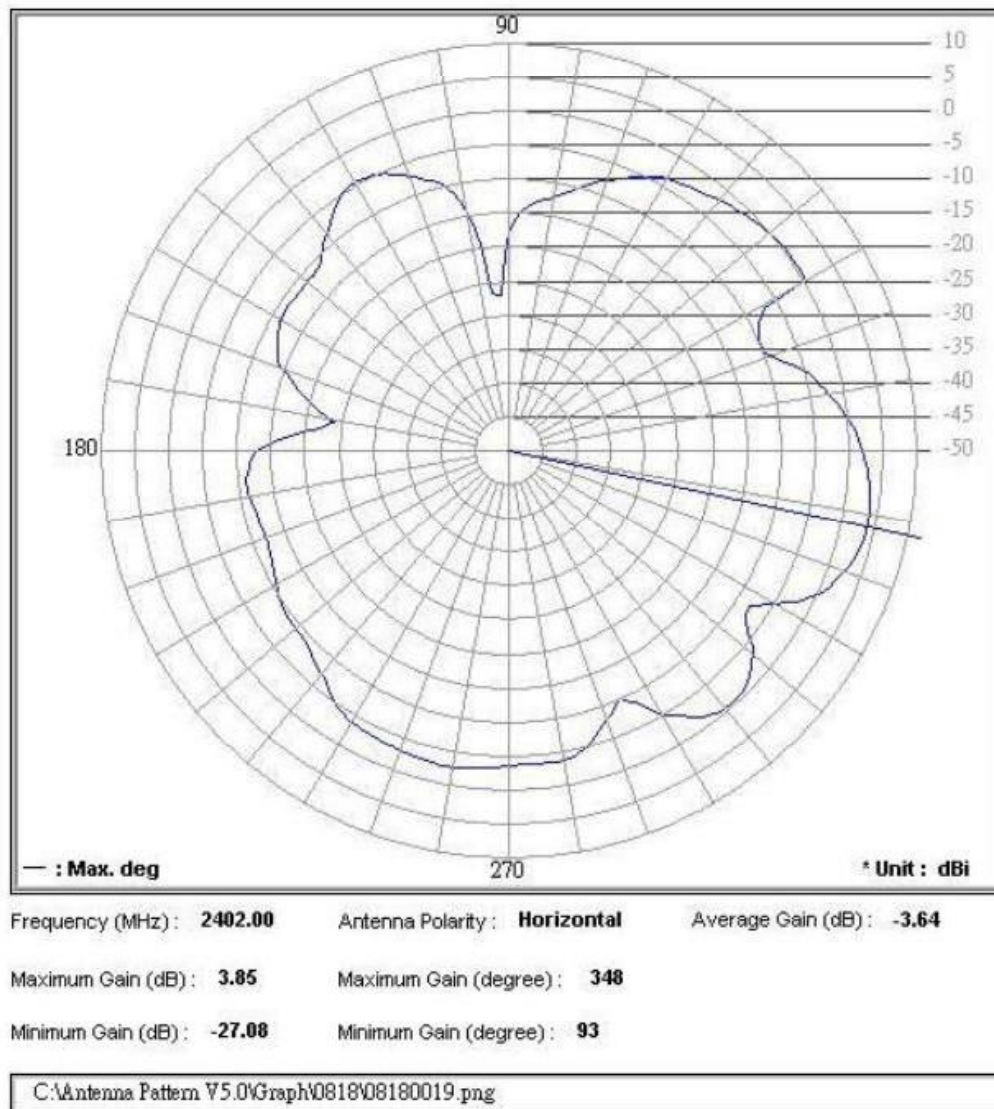
ITEM	SPER.	
Center Frequency	2402MHz	3. 85dBi
	2440MHz	3. 18dBi
	2480Mhz	2. 80dBi
MAX. GAIN	3. 85dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna length	11. 08mm	

Antenna Photo & length



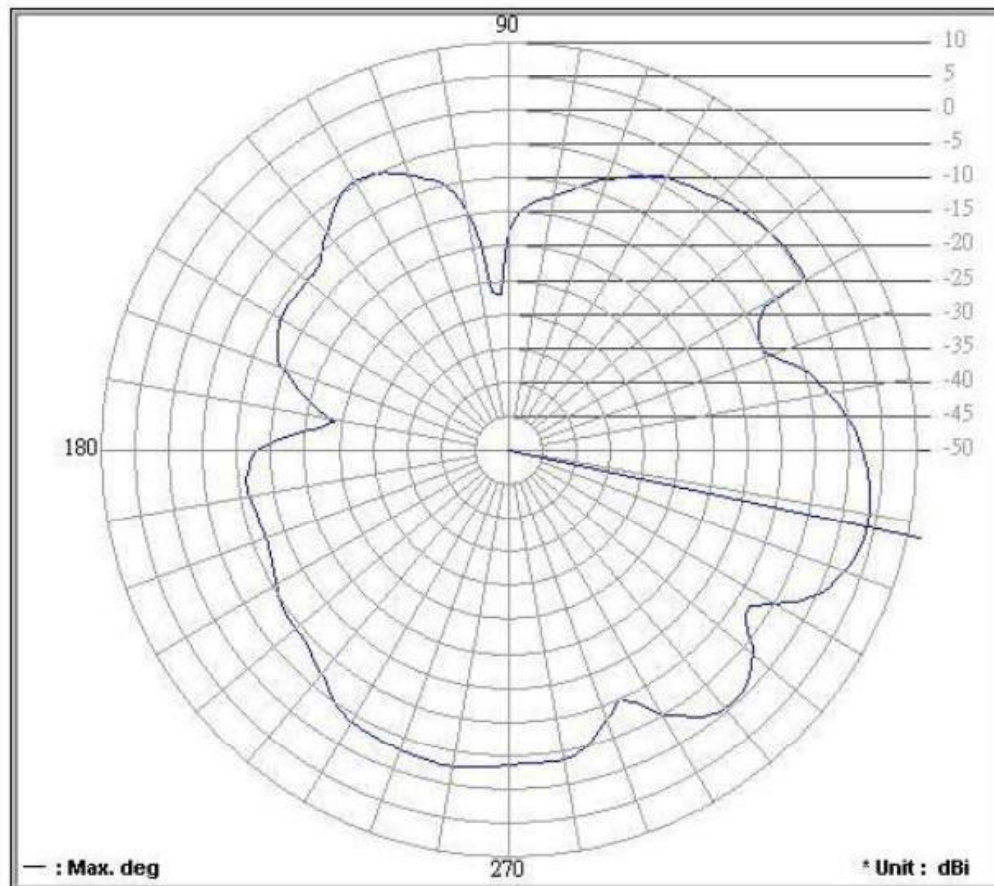
1.Main antenna : 2402 MHz

1.1 Horizontal



1.Main antenna : 2402 MHz

1.1 Horizontal



Frequency (MHz): **2402.00**

Antenna Polarity: **Horizontal**

Average Gain (dB): **-3.64**

Maximum Gain (dB): **3.85**

Maximum Gain (degree): **348**

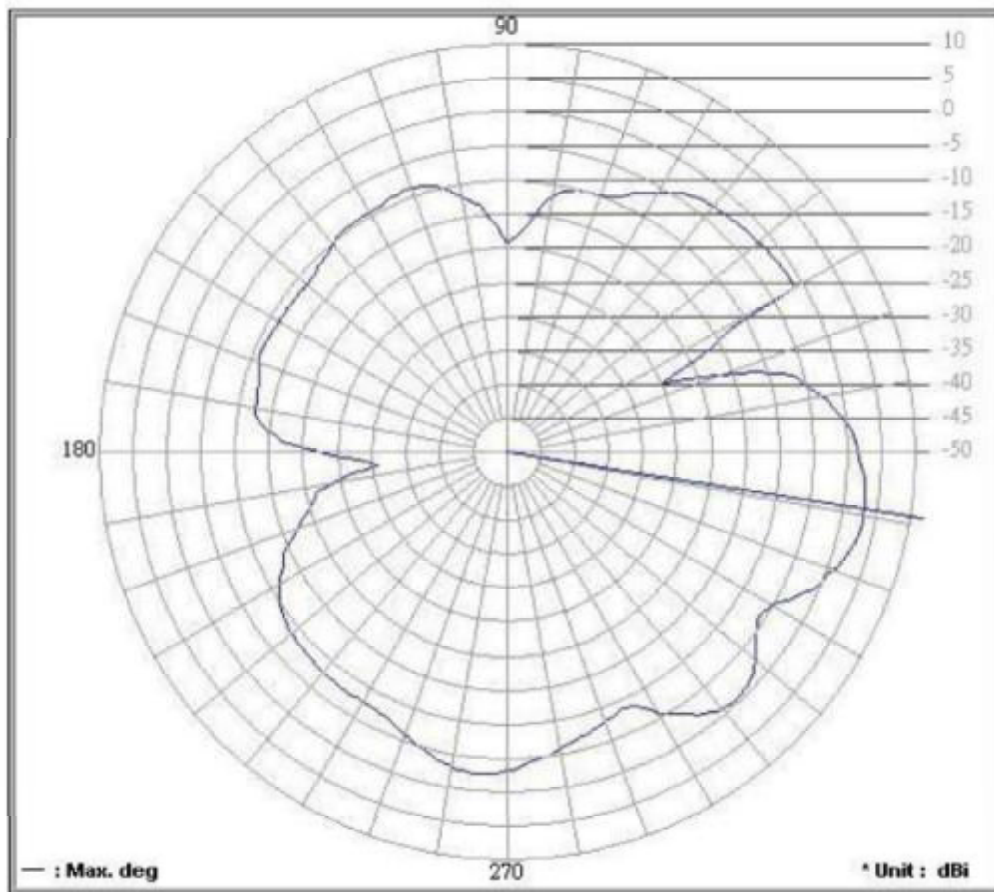
Minimum Gain (dB): **-27.08**

Minimum Gain (degree): **93**

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2. Main antenna : 2440 MHz

2.1 Horizontal



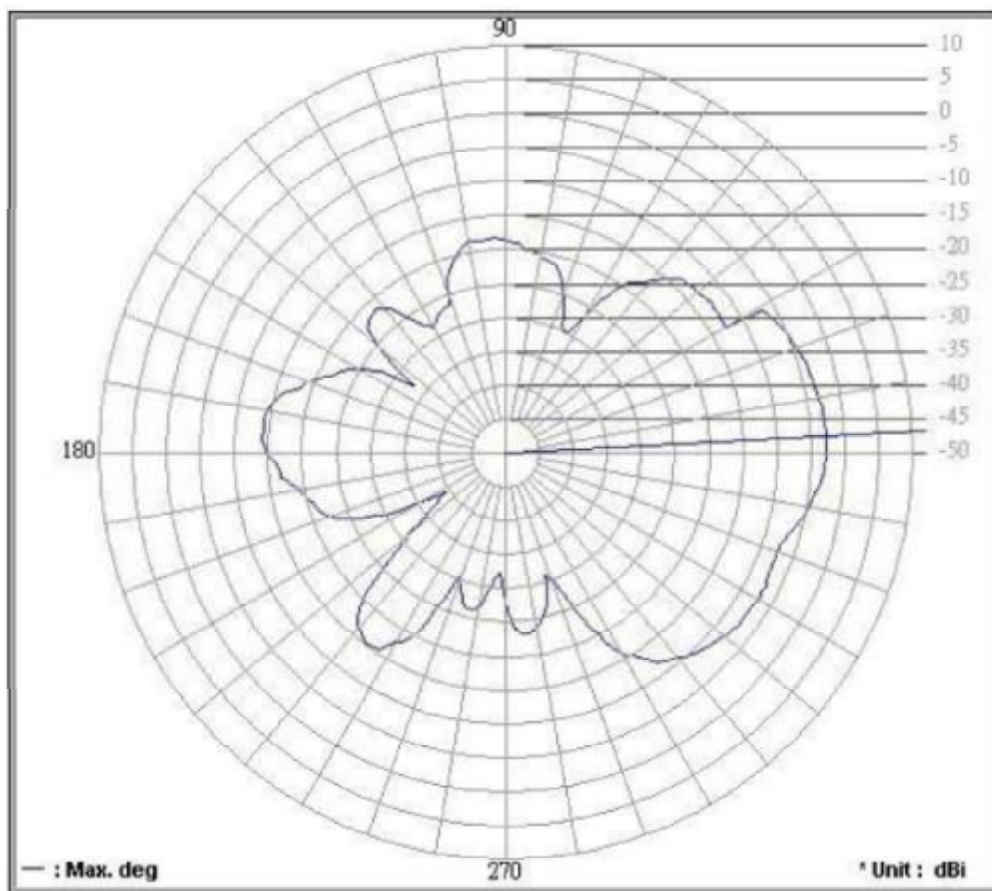
Frequency (MHz): **2440.00** Antenna Polarity: **Horizontal** Average Gain (dB): **-4.64**

Maximum Gain (dB): **3.18** Maximum Gain (degree): **351**

Minimum Gain (dB): **-30.92** Minimum Gain (degree): **186**

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2.2 Vertical



Frequency (MHz) : **2440.00**

Antenna Polarity : **Vertical**

Average Gain (dBi) : **-11.06**

Maximum Gain (dBi) : **-2.58**

Maximum Gain (degree) : **3**

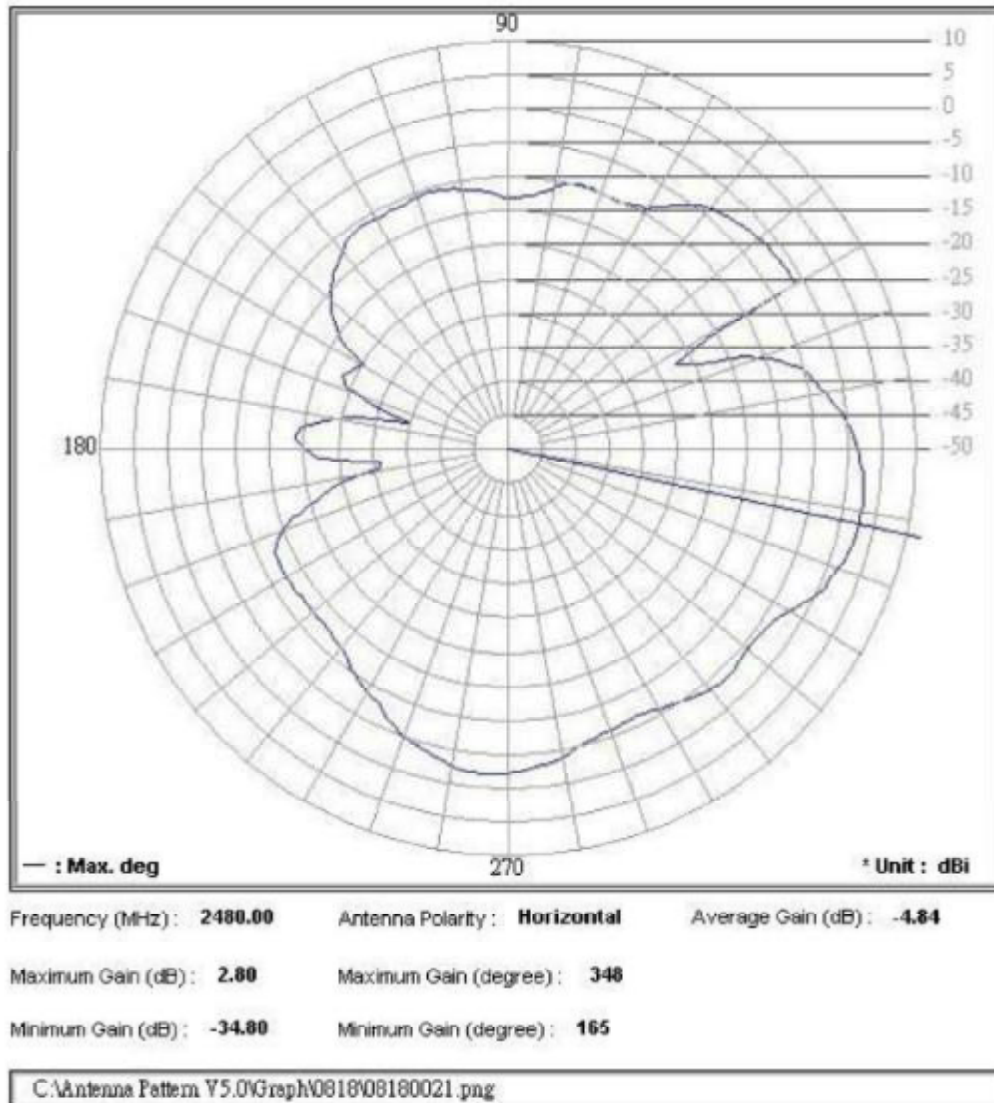
Minimum Gain (dBi) : **-39.35**

Minimum Gain (degree) : **213**

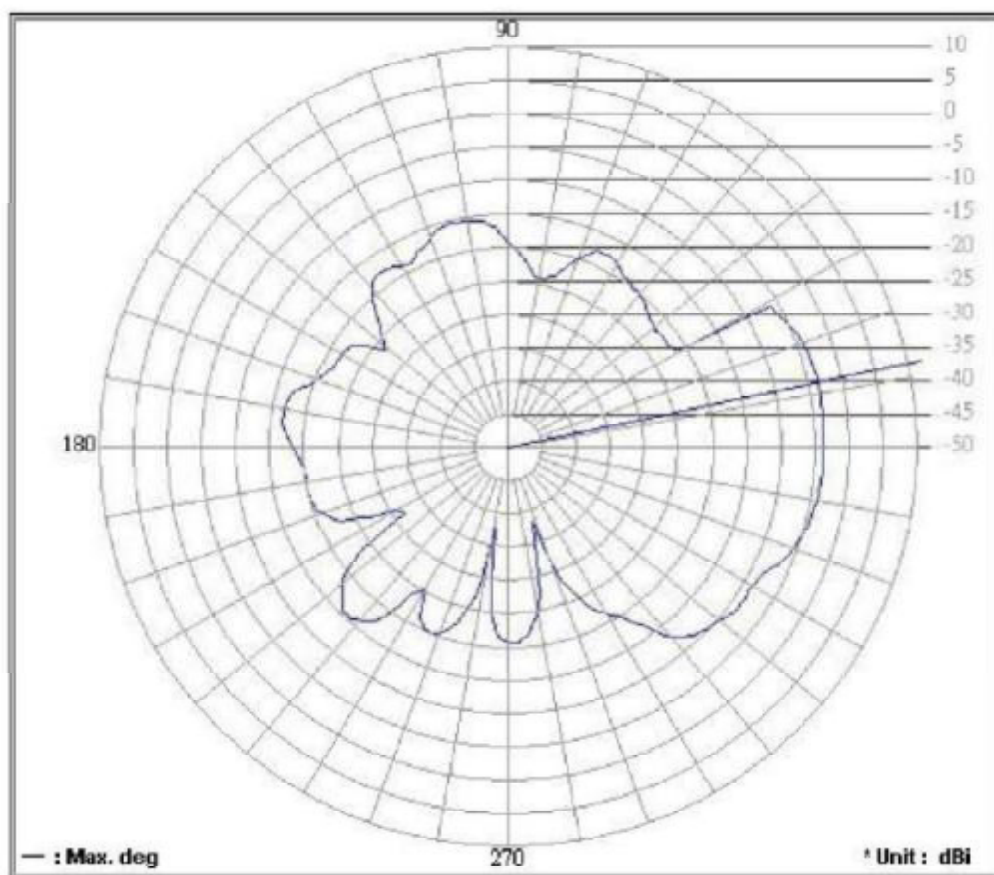
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3.Main antenna : 2480 MHz

3.1 Horizontal



3.2 Vertical



Frequency (MHz) : **2480.00**

Antenna Polarity : **Vertical**

Average Gain (dB) : **-11.34**

Maximum Gain (dB) : **-3.47**

Maximum Gain (degree) : **12**

Minimum Gain (dB) : **-30.33**

Minimum Gain (degree) : **200**

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4. Result

Center Frequency		Maximum Ant Gain
2402 MHz	H	3.85 dBi
	V	-1.54 dBi
2440 MHz	H	3.18 dBi
	V	-2.58 dBi
2480 MHz	H	2.80 dBi
	V	-3.47 dBi