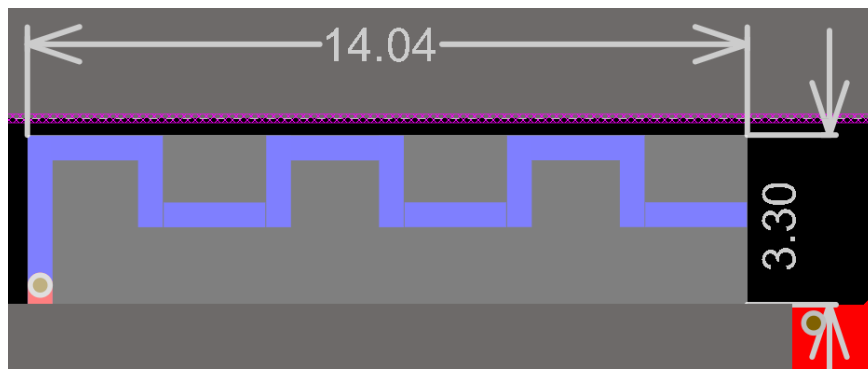


Antenna Specification

Specifications Summary

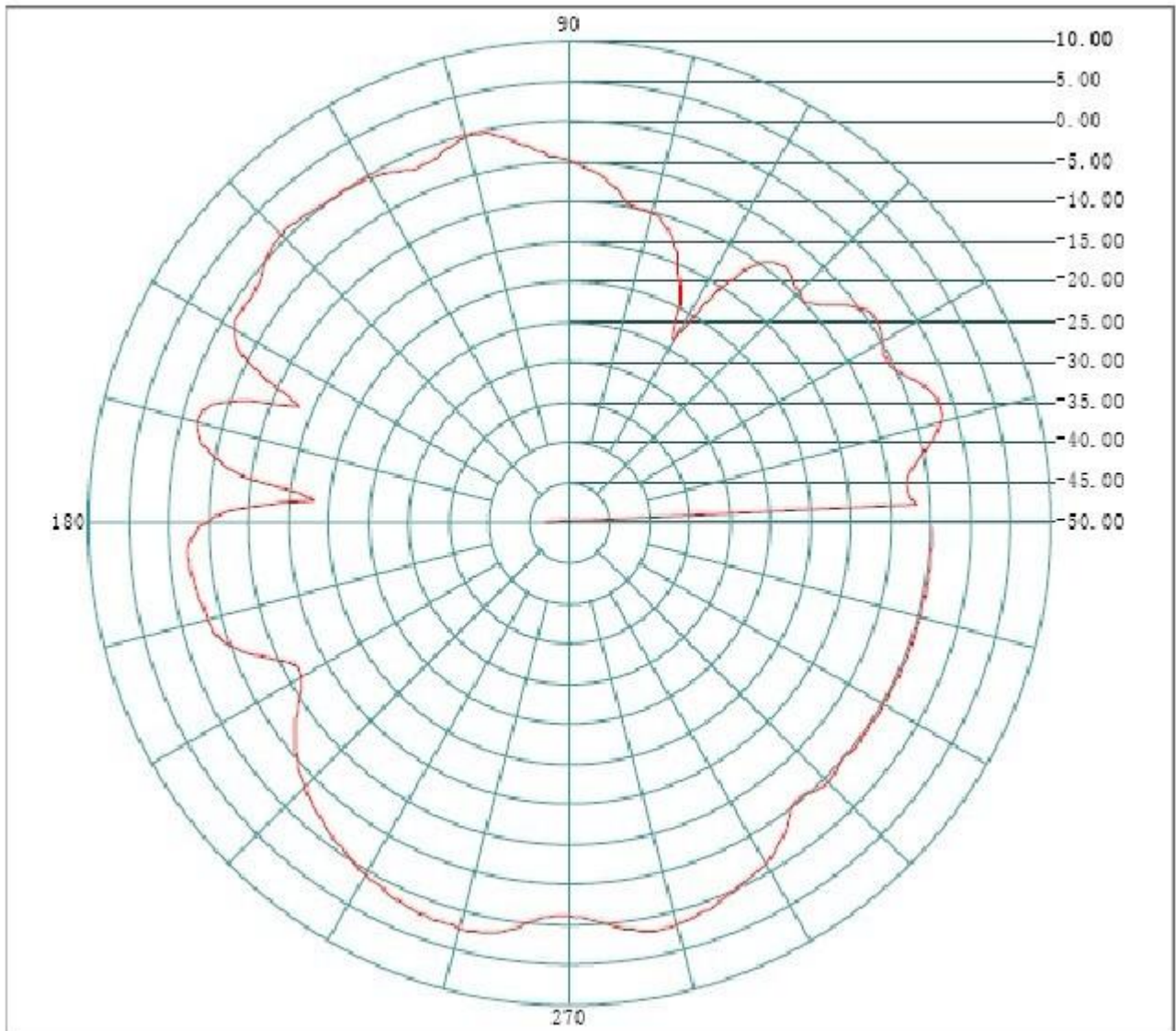
ITEM	SPEC.
Model Name	PCB Antenna
Center Frequency	2441 MHz
MAX. GAIN	0.38 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω



Test Address	16 Tzu Chiang Road, Hsinchu Industrial District Hsinchu Hsien 303, Taiwan
Test Date	2019-01-10
Test Instrument	vector network analyzer - R&S ZVB20

1. Main antenna : 2441MHz

1.1 Horizontal



Frequency(MHZ): **2441**

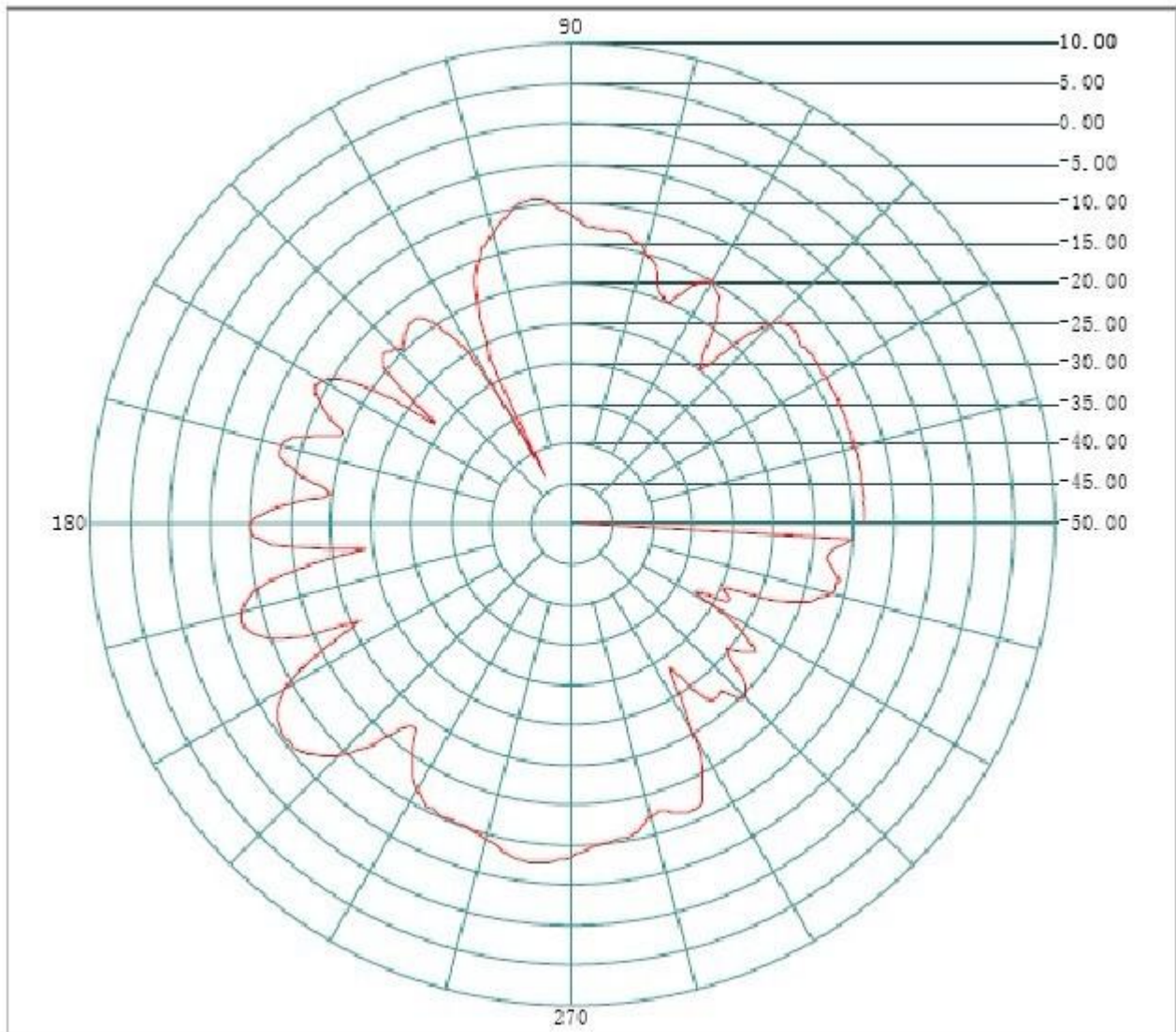
Antenna Polarity: **Horizontal**

Maximum Value(dBi): **0.38**

Average Gain(dBi) : **-3.44**

Minimum Gain(dBi): **-53.04**

1.2 Vertical



Frequency(MHZ): **2441**

Antenna Polarity: **Vertical**

Maximum Value(dBi): **-2.15**

Average Gain(dBi) : **-6.64**

Minimum Gain(dBi): **-48.4**