

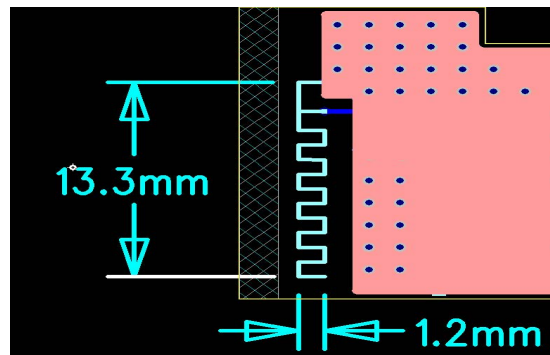
Antenna Specification

1. Summary

Manufacturer	Shenzhen Bluetrum Technology Co., Ltd.
Address	No. 1301-1, Building A, Wisdom Plaza, 4068 Zhuoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen, China
Model	2.4G ant
Frequency Range	2400 – 2500 MHz
SVWR	≤ 2.00
Typical Antenna Gain	Maximum Gain is -0.05dBi
Antenna Type	PCB Antenna
Impedance	50 Ohm
Radiation	Omni-directional
Polarization	Linear
Antenna Length	133mm

2. Antenna Dimension

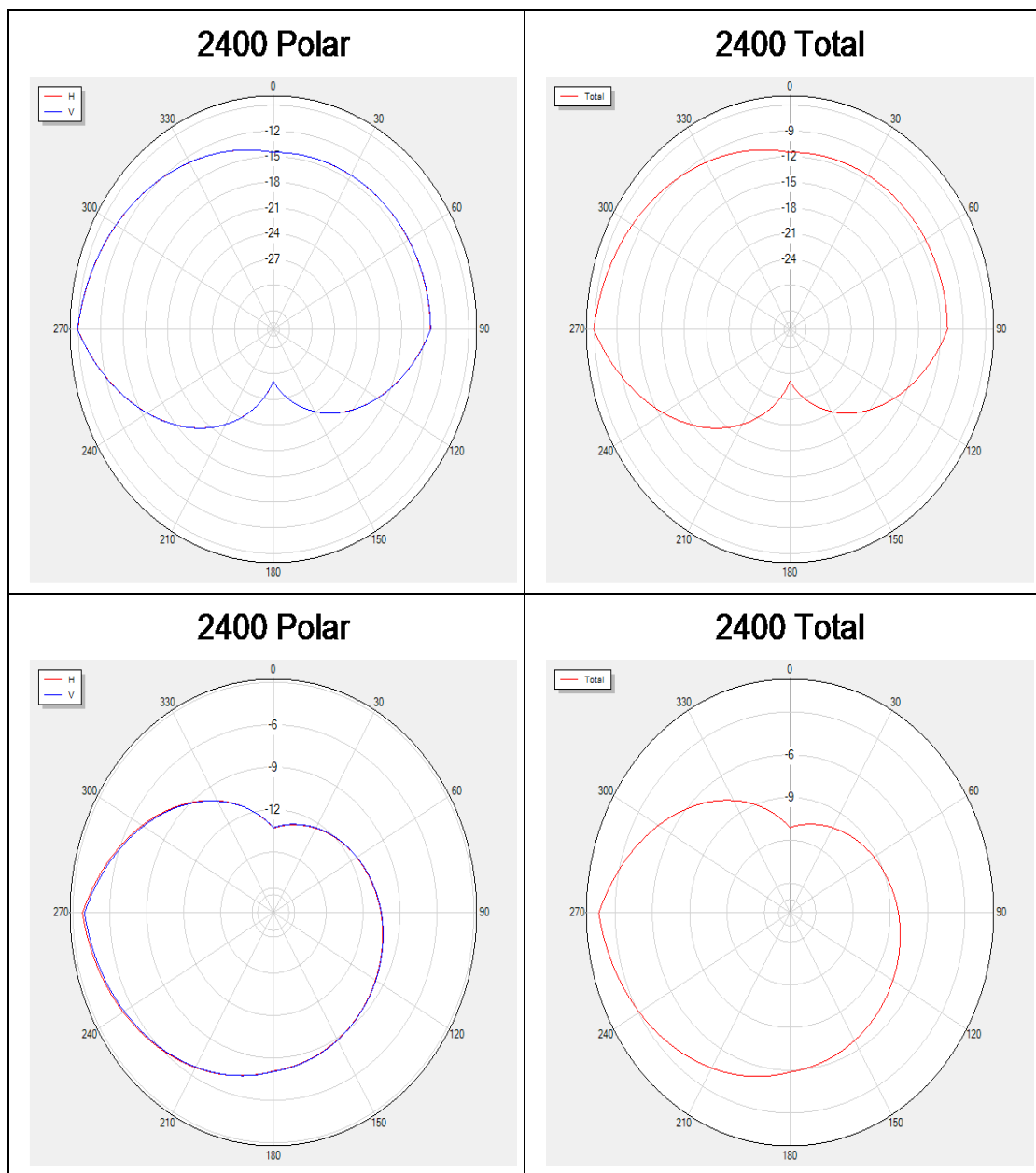
Antenna Photo & Length (mm)



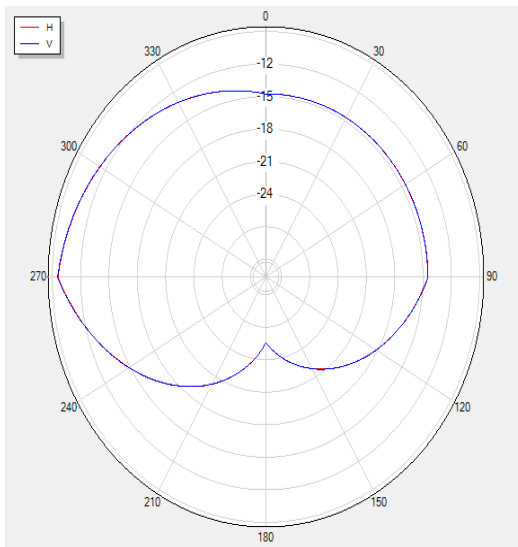
3. Antenna Gain and Efficiency

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Peak Gain (dBi)
2400	22.61	-6.46	-0.85
2420	20.33	-6.92	-0.32
2440	19.51	-7.1	-0.43
2460	18.27	-7.38	-0.05
2480	17.9	-7.47	-0.39
2500	15.87	-7.99	-1.03

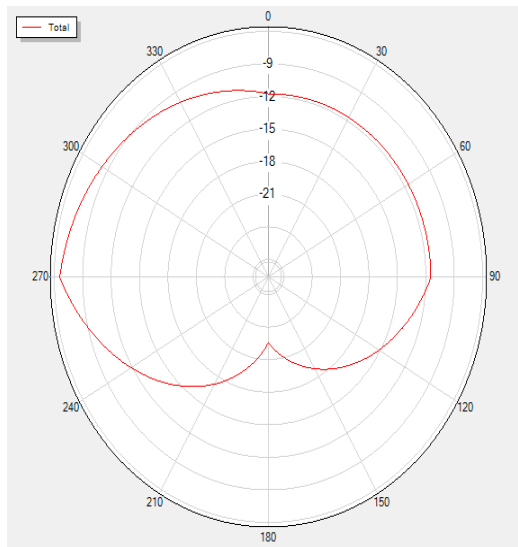
4. Radiation Pattern (3D)



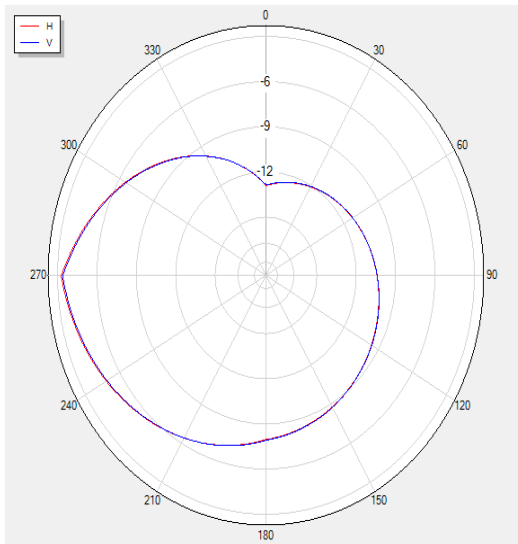
2420 Polar



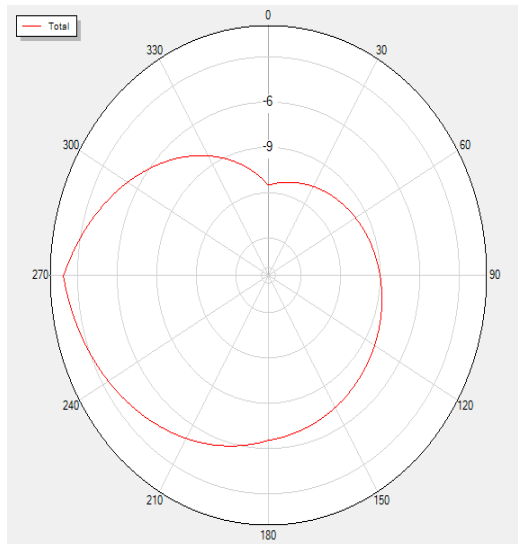
2420 Total



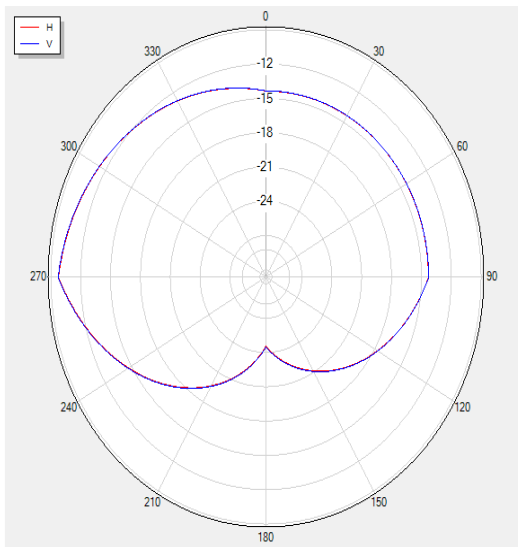
2420 Polar



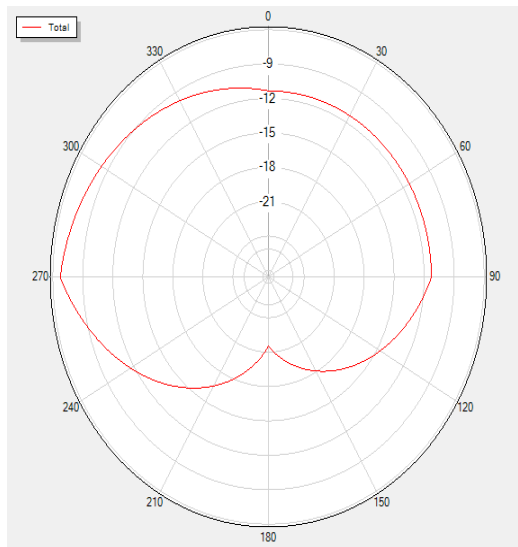
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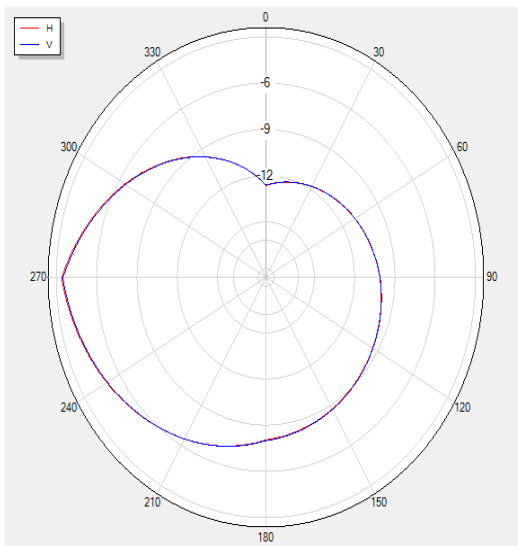
2440 Polar



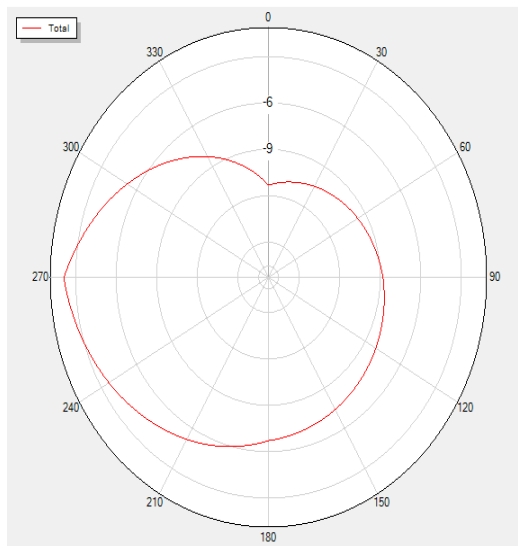
2440 Total



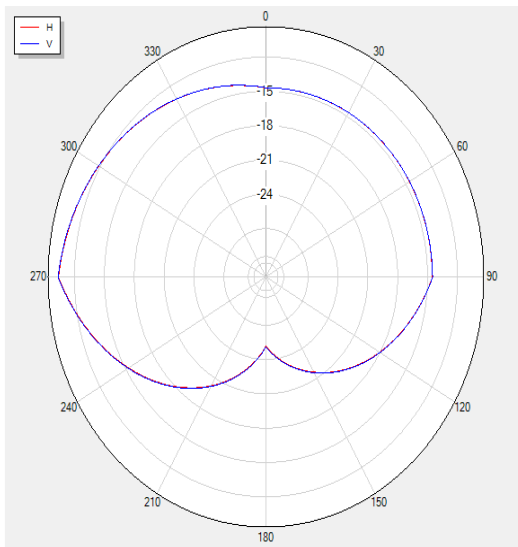
2440 Polar



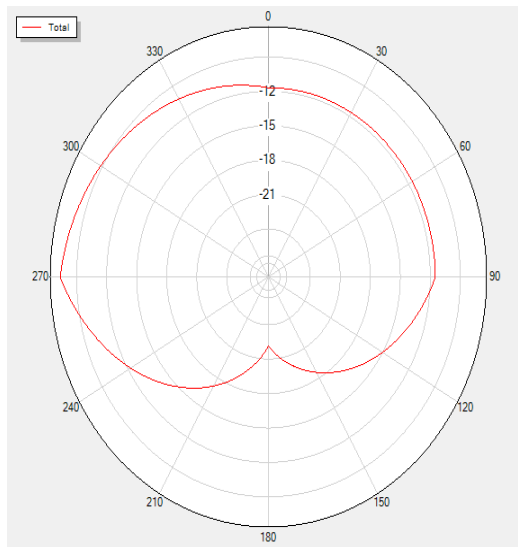
2440 Total



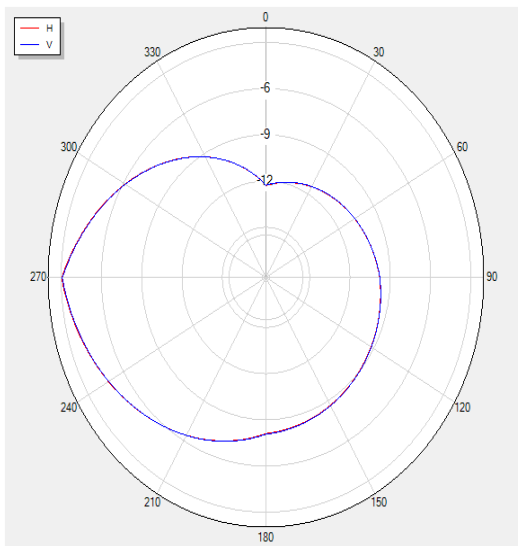
2460 Polar



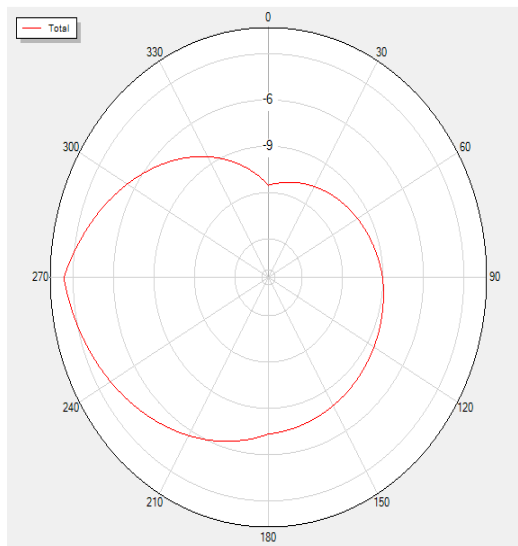
2460 Total



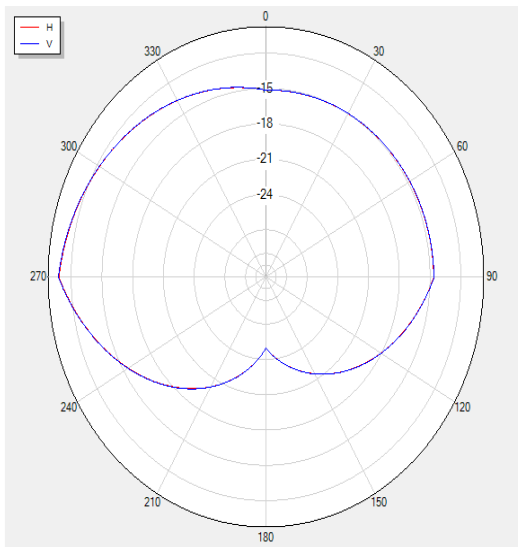
2460 Polar



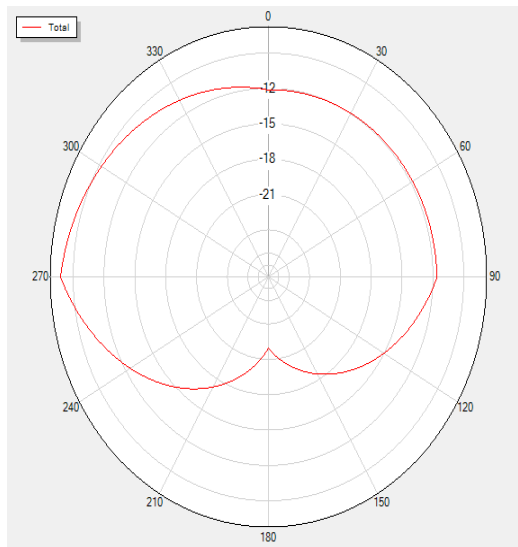
2460 Total



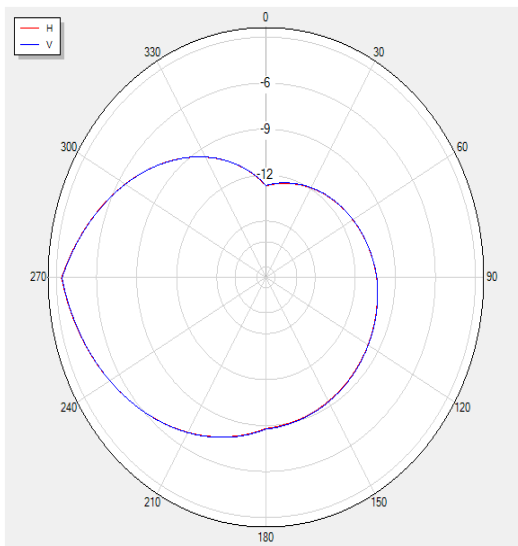
2480 Polar



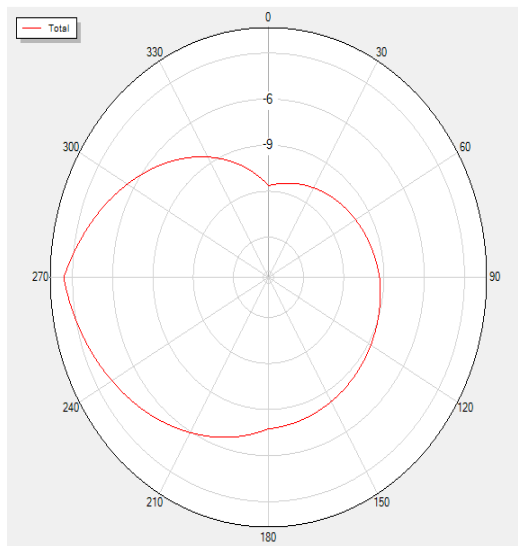
2480 Total



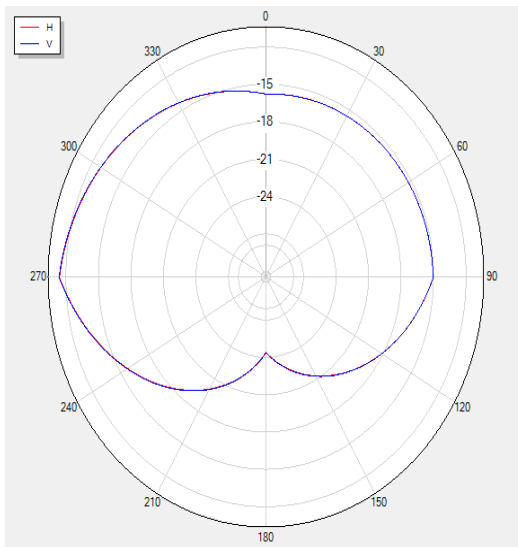
2480 Polar



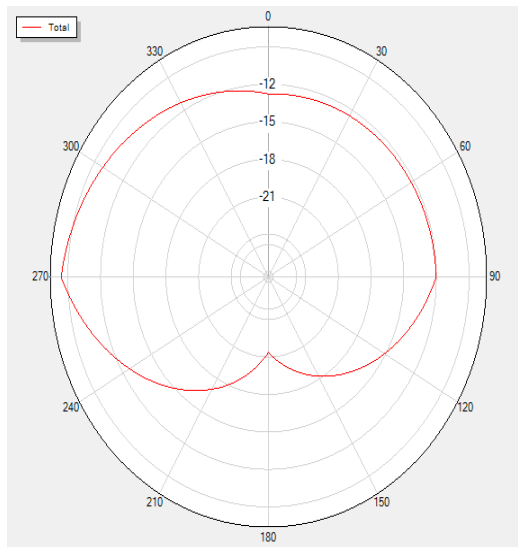
2480 Total



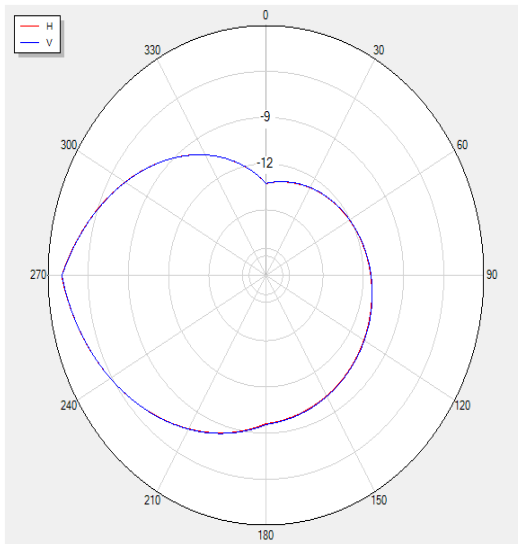
2500 Polar



2500 Total



2500 Polar



2500 Total

