



**Woan Technology (Shenzhen) Co., Ltd.**

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# **SPECIFICATION**

for

**SwitchBot Cordless Vacuum  
Cleaner Antenna**

**Woan Technology (Shenzhen) Co., Ltd.**

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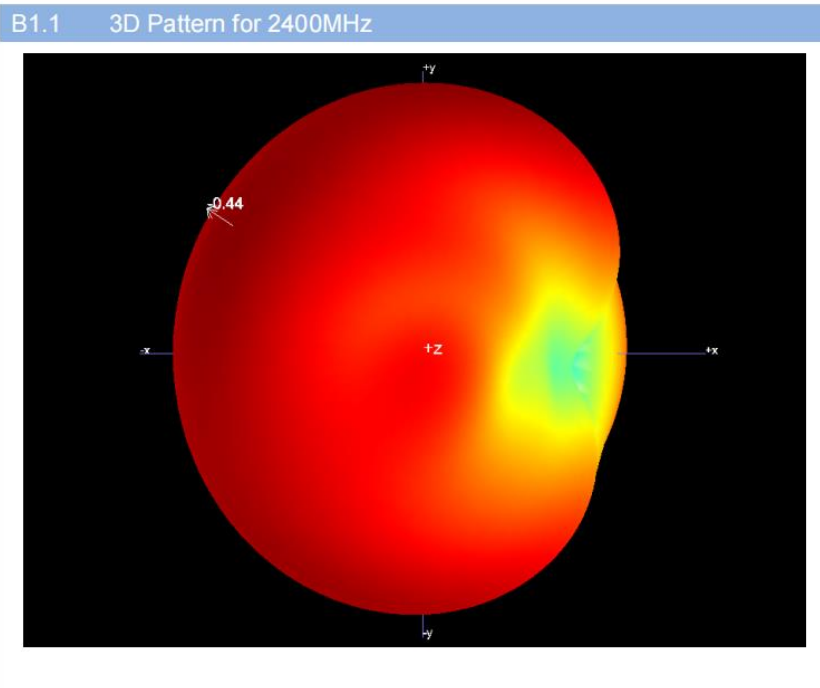
## Product Details

Product Name	SwitchBot Cordless Vacuum Cleaner
Product Models	W3000010, W3000011, W3000012, W3000013, W3000014, W3000015
Antenna Gain:	0.23dBi Max
Antenna Type:	PCB Antenna
Ratings:	Battery Voltage: 18.5VDC Motor Power: 200W Rated Input: 24VDC, 0.86A

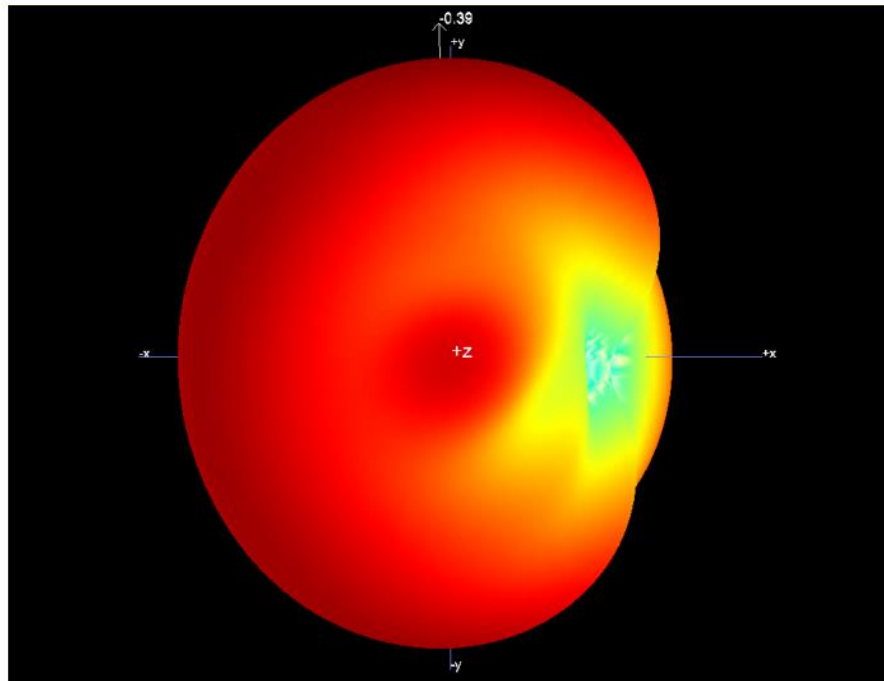
## A.1 Gain and Efficiency

Frequency	Gain (dBi)	Efficiency (%)
2400MHz	-0.44	35
2410MHz	-0.92	32
2420MHz	-0.87	31
2430MHz	-0.29	35
2440MHz	0.00	38
2450MHz	-0.39	36
2460MHz	-0.57	35
2470MHz	-0.15	36
2480MHz	0.23	38
2490MHz	0.30	39
2500MHz	0.18	41

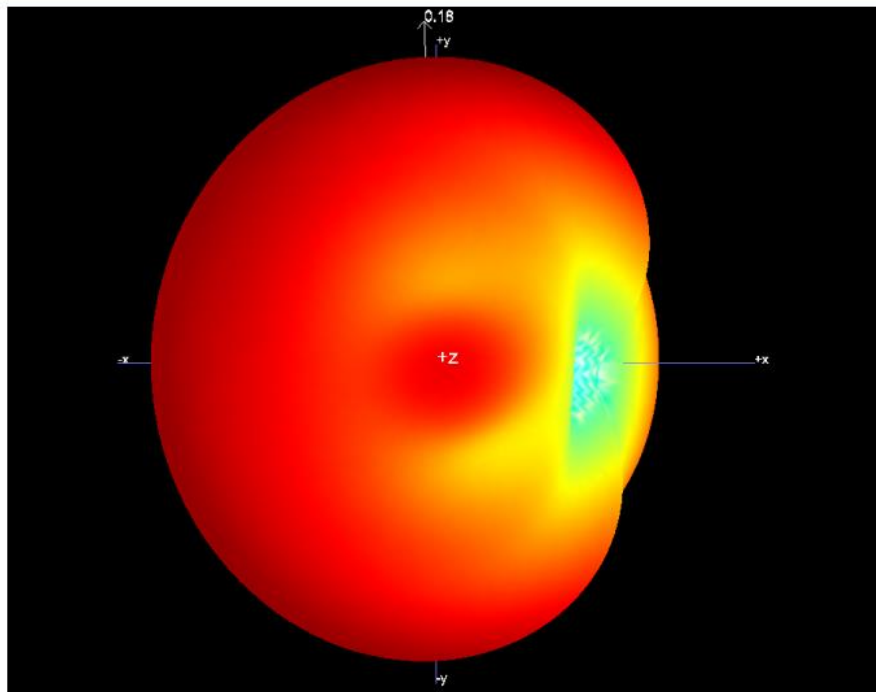
## B.1 3D Pattern

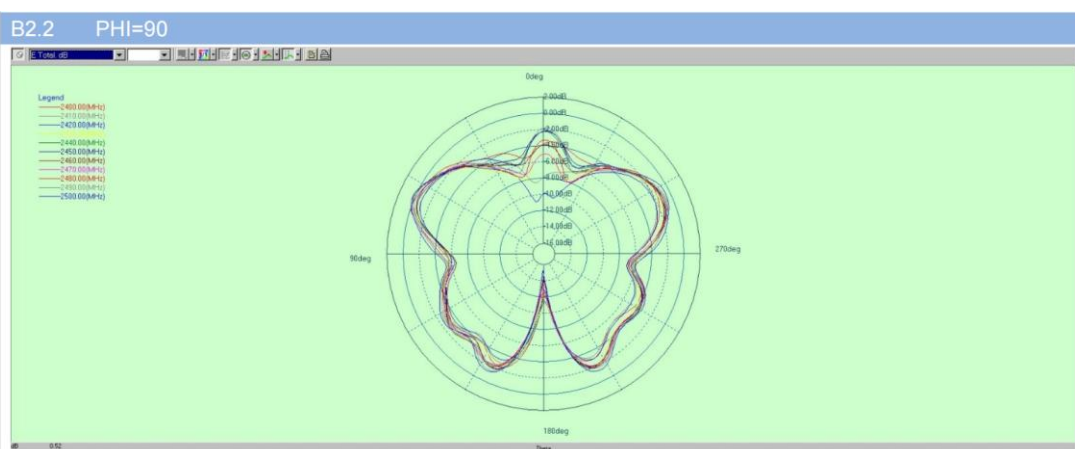
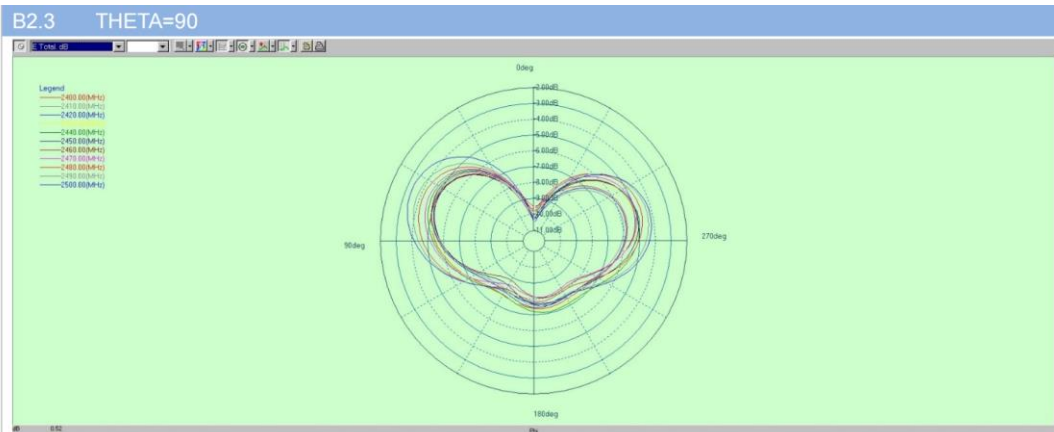


B1.2 3D Pattern for 2450MHz

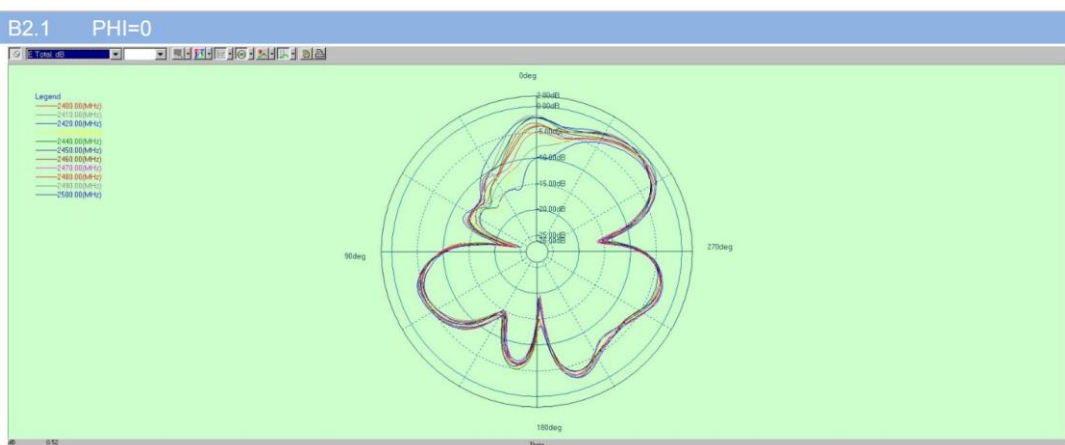


B1.3 3D Pattern for 2500MHz





## B.2 1D Radiation Pattern



## Antenna Photo

