

Antenna Specification

- **Manufacturer: Shenzhen PIPA antenna design Co.,LTD.**

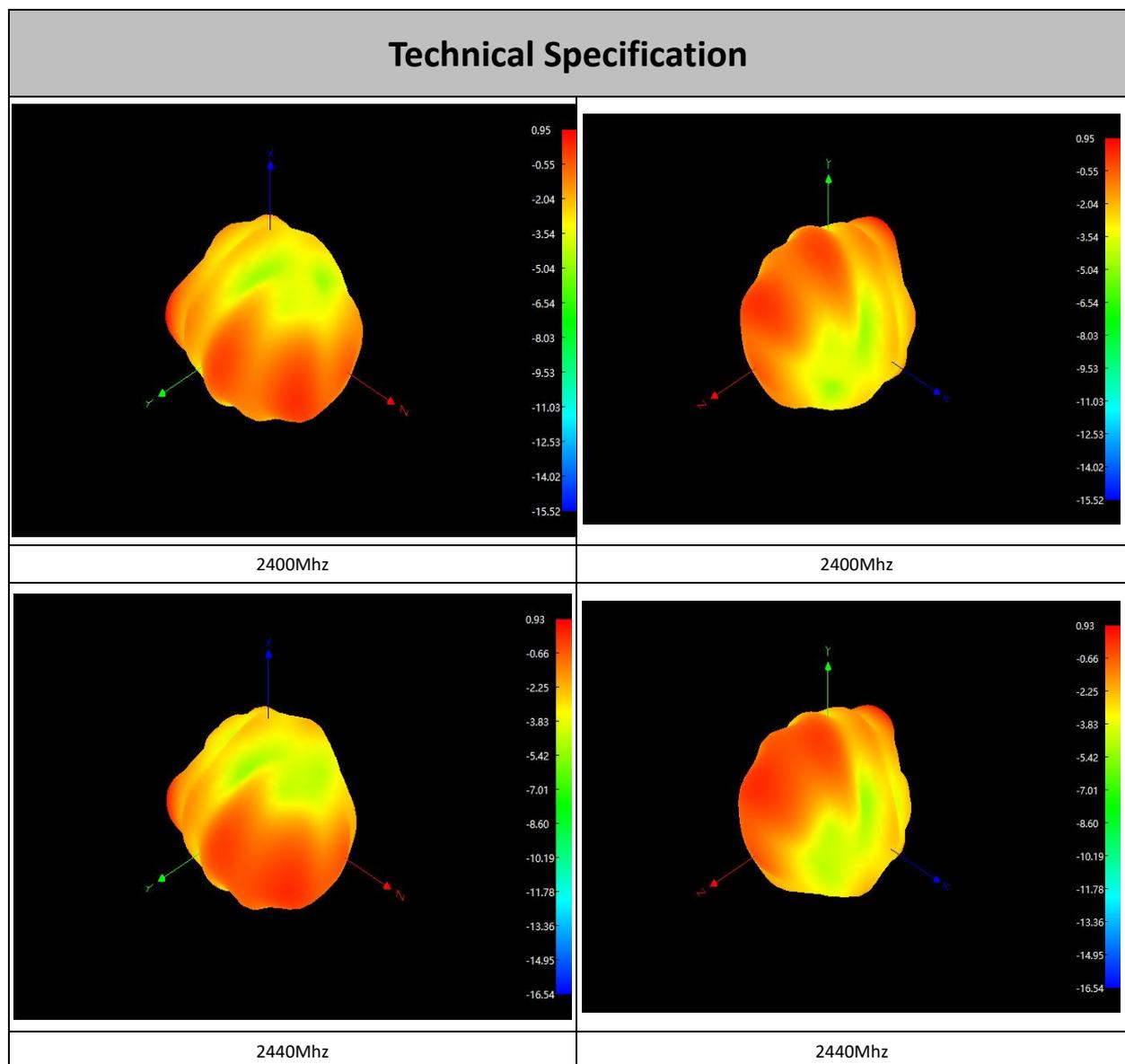
Address of manufacturer: ZUnit F/4F, buildingA, Junxiangda, Plada,
Zhongshanyuan Road, Nanshan District, Shenzhen

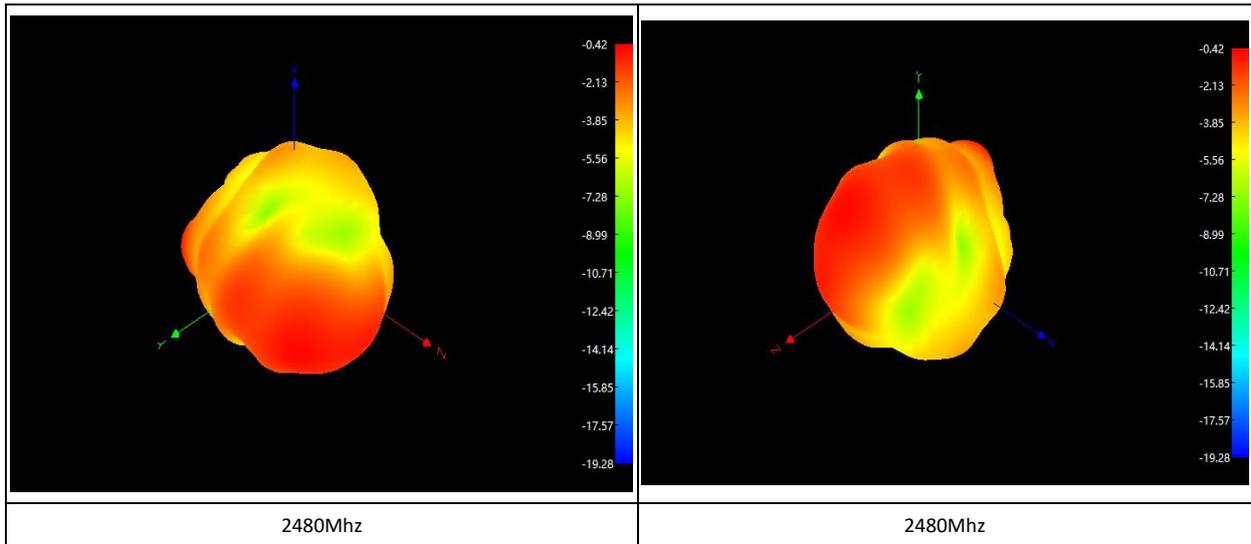
1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna model	L3409 BT	
2	Antenna type	PIFA	
3	Operation Frequency	2.4-2.483GHz	
4	Impedance	50ohm	
5	Gain	1.17dBi	
6	Efficiency	$\geq 30\%$	
7	VSWR	≤ 2.5	

1.2 radiation pattern

Frequency/Mhz	Efficiency / dB	MaxGain/dBi	Efficiency / %
2400	-3.97	0.95	40.09
2410	-3.94	1.07	40.36
2420	-3.79	1.11	41.78
2430	-3.75	1.17	42.17
2440	-3.91	0.93	40.64
2450	-3.9	0.67	40.74
2460	-4.31	0.21	37.07
2470	-4.3	-0.16	37.15
2480	-4.65	-0.42	34.28





1.3 Antenna size

Unit: mm

