

Antenna Specification

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

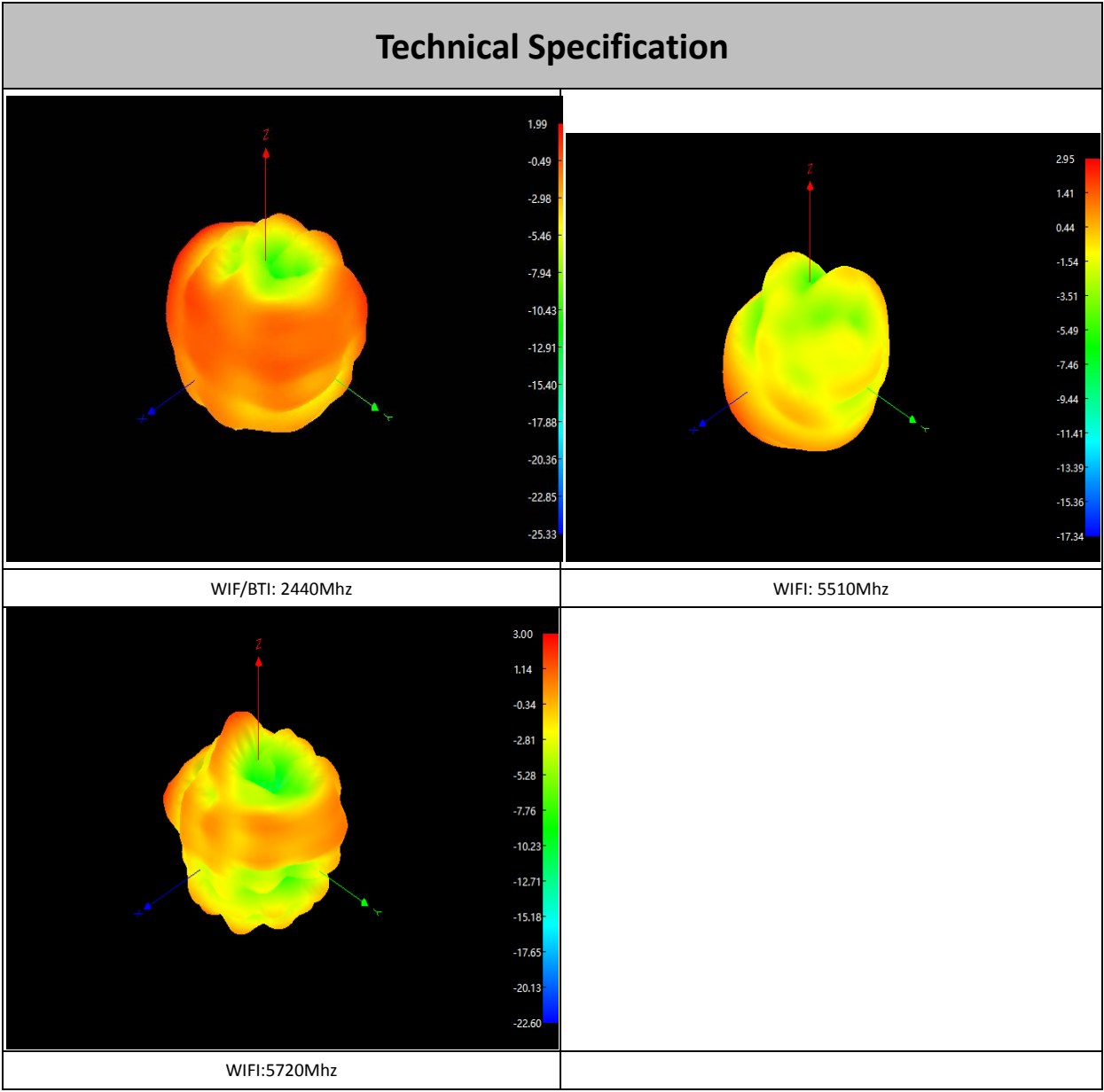
Address of manufacturer: ZUnit F/4F, buildingA, Junxiangda, Plada,
Zhongshanyuan Road, Nanshan District, Shenzhen

2.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna model	<u>PF0114-WIFI-A7</u>	
2	Antenna type	WIFI Antenna-PIFA	
3	Operation Frequency	2.4-2.483GHz 5.15-5.85GHz	
4	Impedance	50ohm	
5	MAX Gain	2dBi 2.4GHz 3dBi 5GHz	
6	Efficiency	$\geq 40\%$	
7	VSWR	≤ 2.5	

1.2 radiation pattern

Frequency /MHz	Efficiency/ dB	Efficiency/ %	MaxGain /dBi	Frequenc y/MHz	Efficienc y/dB	Efficienc y/%	MaxGain /dBi
2400	-2.93	50.93	1.24	5390	-2.88	51.52	2.85
2410	-2.9	51.29	1.97	5420	-2.80	52.48	2.91
2420	-2.92	51.05	1.55	5450	-2.81	52.36	2.92
2430	-3.25	47.32	1.35	5480	-2.80	52.48	2.16
2440	-3.03	49.77	2.00	5510	-2.76	52.97	2.95
2450	-3.3	46.77	1.08	5540	-2.61	54.83	2.65
2460	-3.16	48.31	1.84	5570	-2.69	53.83	2.70
2470	-3.46	45.08	1.70	5600	-3.75	42.17	2.75
2480	-3.25	47.32	1.56	5630	-3.75	42.17	2.76
5150	-2.96	50.58	2.02	5660	-3.71	42.56	2.76
5180	-2.89	51.40	2.25	5690	-3.72	42.46	2.68
5240	-2.94	50.82	2.36	5720	-3.76	42.07	3.00
5270	-2.99	50.23	2.47	5750	-3.77	41.98	2.73
5300	-2.85	51.88	2.70	5780	-3.74	42.27	2.87
5330	-2.82	52.24	2.79	5810	-3.76	42.07	2.93
5360	-2.87	51.64	2.80	5850	-3.83	41.40	2.95



1.3 Antenna Size

