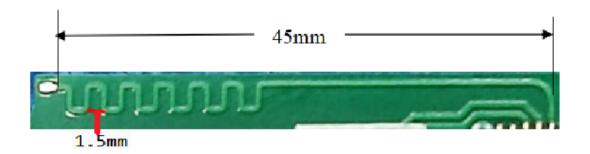
## **ANTENNA SPECIFICATON**

# 1.Summary

•						
ITEM	ANT SPEC					
Model Name	2.4G ANT					
Antenna plate	PCB antenna					
Frequency range	2400-2500MHz					
MAX.Gain	1.0dBi					
Polarization	Vertical					
Impedance	50 Ohm					
Manufacture	Shenzhen Ai-Thinker Technology co., LTD					
	Address: 410, Building C, Huafeng Smart Innovation Port,					
	Gushu Second Road, Gushu Community, Xixiang Street,					
	Bao'an District, Shenzhen					

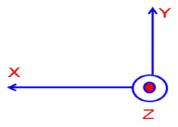
## 2.Antenna Photo &Length (mm)



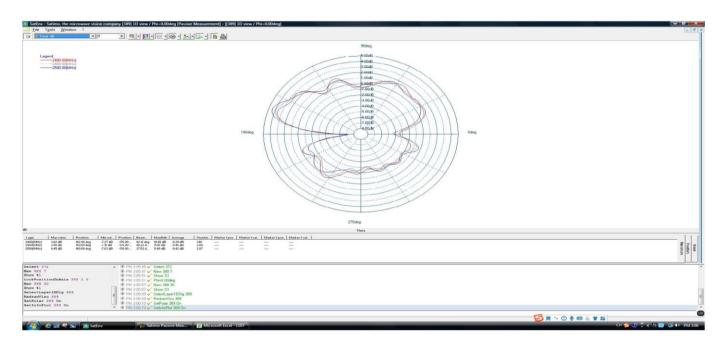
## 3. Characteristic curve



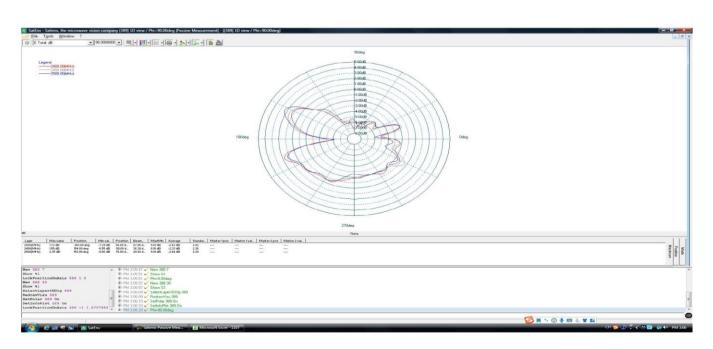
## **4. Radiation Pattern**



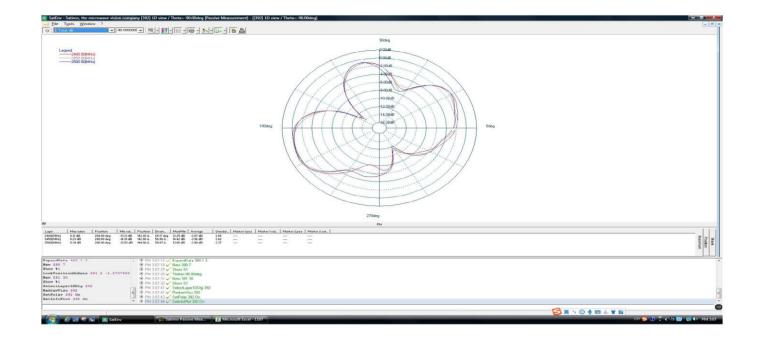
#### X-Z Plane



### Y-Z Plane



### X-Y Plane



# 5. Gain efficiency test data

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)
2400	65. 91	-1.81	0.81	-0.34	31.673	34. 24	0.81	-21.58
2405	66.53	-1.77	0.8	-0.35	31.876	34. 655	0.8	-22.58
2410	67.6	-1.7	0.9	-0.25	32.594	35.009	0.9	-21.25
2415	67.25	-1.72	0.8	-0.35	32.192	35.056	0.8	-20.84
2420	64.54	-1.9	0.86	-0.29	31.477	33.063	0.86	-21.63
2425	66.05	-1.8	0.77	-0.38	32.155	33.892	0.77	-22.08
2430	69.14	-1.6	1.00	-0.14	34.198	34. 946	1.0	-19.04
2435	68. 29	-1.66	0.93	-0.22	33.822	34. 465	0.93	-21.4
2440	70.62	-1.51	0.07	-0.08	34. 99	35.633	0.07	-19.24
2445	73.14	-1.36	0.04	-0.11	36.346	36.792	0.04	-20.07
2450	72.34	-1.41	0.98	-0.17	36. 295	36.043	0.98	-25.98
2455	71.13	-1.48	0.02	-0.13	35. 415	35.714	0.02	-21.6
2460	70.65	-1.51	0.03	-0.12	35.111	35.54	0.03	-22.63
2465	70.33	-1.53	0.02	-0.13	34.882	35. 448	0.02	-22.86
2470	69.1	-1.6	0.91	-0.24	34.192	34. 913	0.91	-20.17
2475	71.22	-1.47	0, 22	0.07	35.093	36.131	0.22	-22.78
2480	74. 52	-1.28	0.25	0.1	36.998	37.523	0.25	-20.66
2485	73. 58	-1.33	0.33	0.18	36. 267	37.309	0.33	-20.29
2490	71.73	-1.44	0.32	0.17	35.317	36.416	0.32	-21
2495	74.16	-1.3	0.4	0.25	36.703	37. 461	0.4	-22.68
2500	69.45	-1.58	0.11	-0.04	34.652	34. 794	0.11	-19.78