



2.4GHz PCB BUILT-IN ANTENNA

TECHNICAL DATA SHEET

TX2400-PCB-5010

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CHENGDU ZIISOR TECHNOLOGY CO., LTD. EXPERT OF IOT ANTENNAS



TX2400-PCB-5010

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-PCB-5010	Omni Antenna
02	Material	PCB	
03	Connector Type	IPEX-1	
04	Antenna Colour	Black	
05	Overall Size	50*10mm	
06	Cable Length	140mm	Cable Customizable
07	Weight	1g	
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4GHz	2.4~2.5GHz
02	Antenna Gain	0.5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Max Input Power	2W	
077	S.W.R.	≤2.0	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-40°C ~ +85°C	
02	Storage Temperature	-40°C ~ +85°C	
03	RoHS Compliant	YES	

MECHANICAL DRAWING

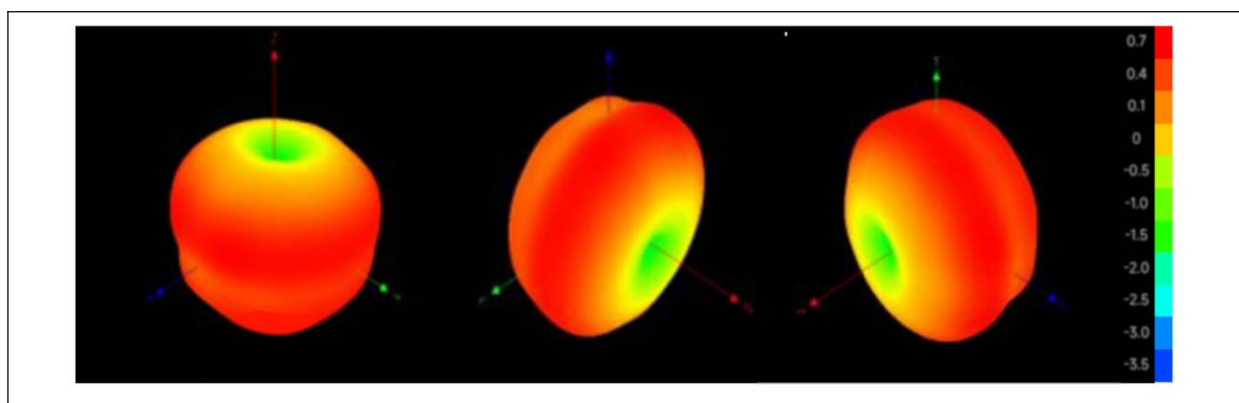


UNIT: mm

Efficiency/ Gain Test

Freq (MHz)	Effi (%)	Gain (dBi)
2400MHz	44.11	0.2
2410MHz	44.93	-0.98
2420MHz	45.01	0.32
2430MHz	46.74	0.21
2440MHz	47.92	0.5
2450MHz	49.01	-0.54
2460MHz	47.94	0.25
2470MHz	46.27	-1.27
2480MHz	45.61	-0.65
2490MHz	44.19	0.17
2500MHz	43.01	0.35

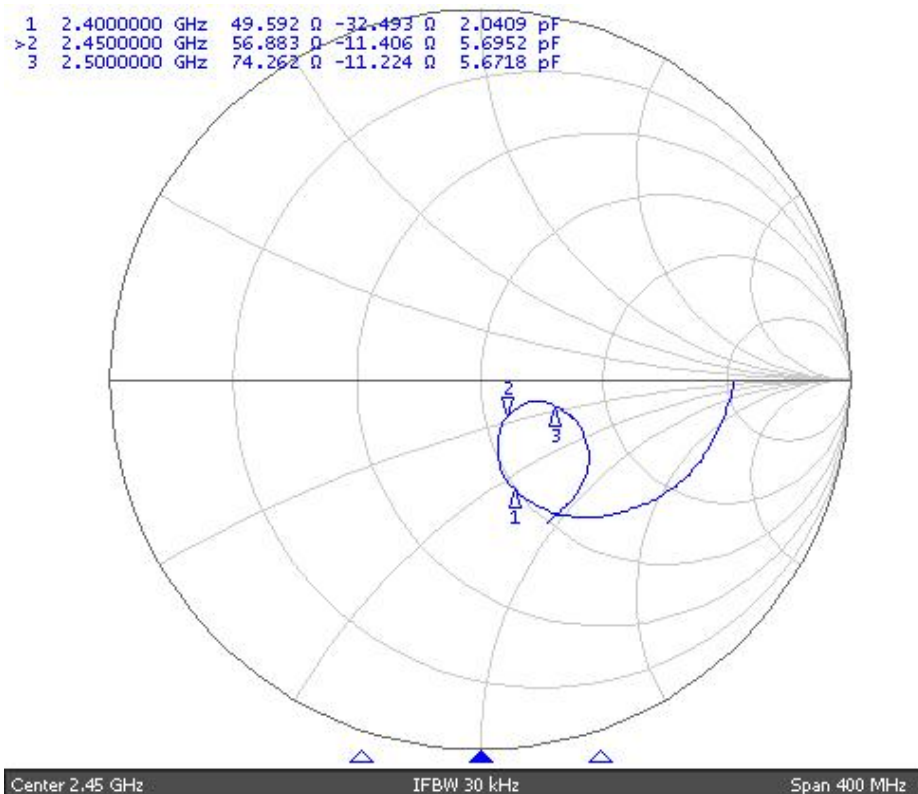
Radiation Pattern



S. W. R.



SMITH



Note: This data is air test data

DISCLAIMER

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