



2.4G ROD ANTENNA

TECHNICAL DATA SHEET

TX2400-JZ-3RP



VERSION: 3.3 DATE: 2021-08-03

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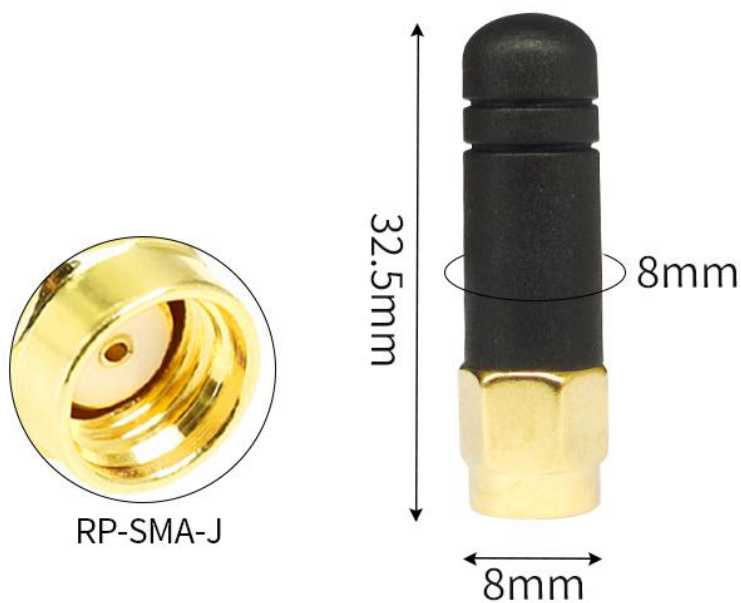
CHENGDU ZIISOR TECHNOLOGY CO., LTD. EXPERT OF IOT ANTENNA



TX2400-JZ-3RP

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-JZ-3RP	2.4G Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Copper	
04	Connector Type	RP SMA Male	
05	Antenna Colour	Black	
06	Overall Length	32.5mm	
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	3g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4GHz	2400~2500MHz
02	Antenna Gain	2.05dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Capacity	10W	
07	S.W.R.	≤1.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

MECHANICAL DRAWING



UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Radome	1	TPEE Black
B	Connector	1	RP SMA Male Gilded

S.W.R.



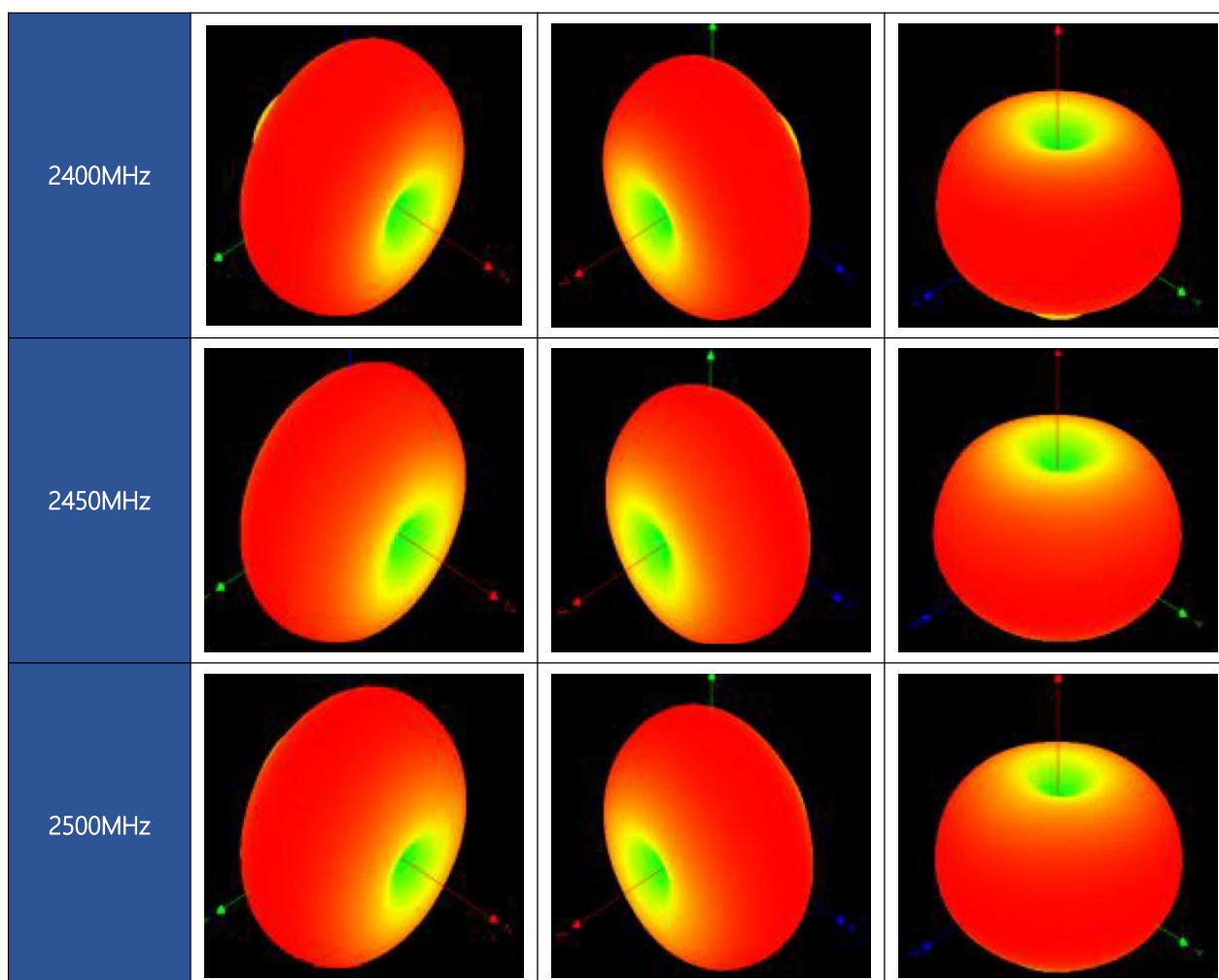
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2400M	70.62	2.17
02	2410M	70.79	1.98
03	2420M	72.95	2.05
04	2430M	70.63	1.77
05	2440M	71.99	1.50
06	2450M	71.07	1.67
07	2460M	71.53	1.95
08	2470M	69.50	2.01
09	2480M	69.02	1.81
10	2490M	70.79	1.87
11	2500M	68.44	2.32

RADIATION PATTERN



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