



WIFI ROD ANTENNA

TECHNICAL DATA SHEET

TXWF-JK-11RP



VERSION: 3.3 DATE: 2023-08-01

TEL: 028-61542639 WEBSITE: WWW.ZIISOR.COM

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



TXWF-JK-11RP

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TXWF-JK-11RP	2.4/5.8G Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Coppber	
04	Connector Type	RP SMA Male	
05	Antenna Colour	Black	
06	Overall Length	110mm	
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	7g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4/5.8GHz	2.4~2.5; 5.15~5.85GHz
02	Antenna Gain	3dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Capacity	20W	
07	S.W.R.	≤1.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30℃ ~ +75℃	
02	Storage Temperature	-30℃ ~ +75℃	
03	RoHS Compliant	YES	

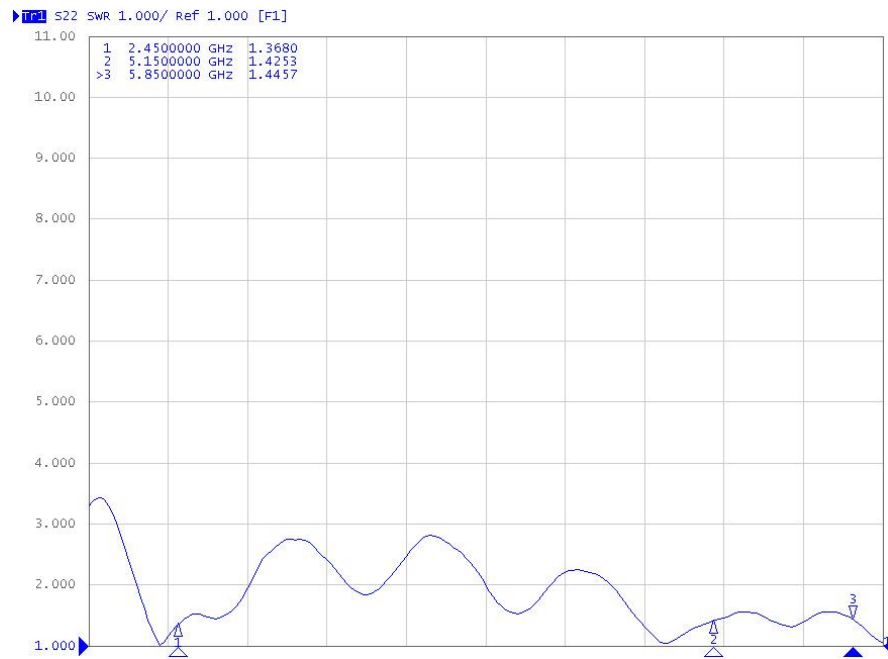
MECHANICAL DRAWING



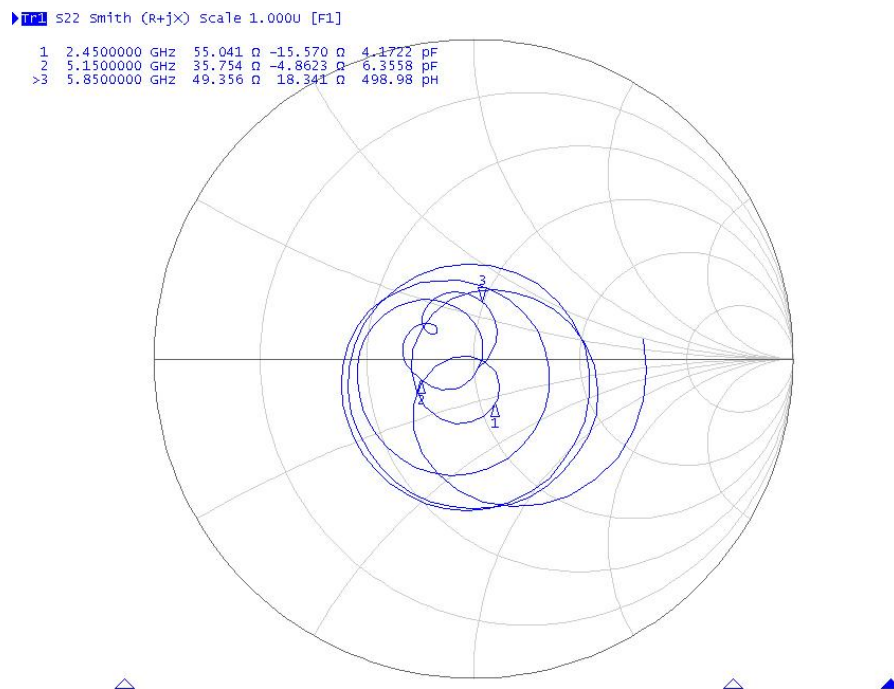
UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH	
a	Radome	1	TPEE	Black
b	Connector	1	RP SMA Male	Nickel plated

S.W.R.



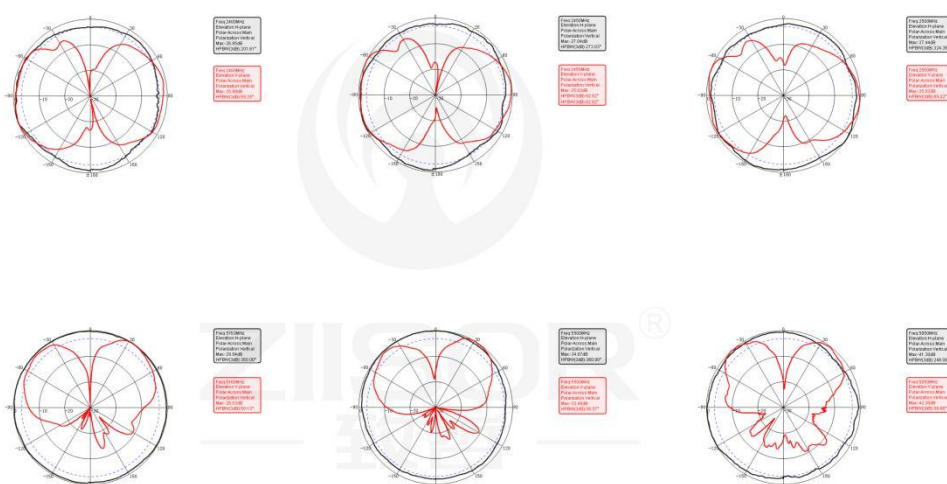
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2400M	70.62	3.07
02	2410M	70.79	2.88
03	2420M	72.95	3.05
04	2430M	70.63	2.77
05	2440M	71.99	2.70
06	2450M	71.07	2.67
07	2460M	71.53	2.95
08	2470M	69.50	3.01
09	2480M	69.02	2.81
10	2490M	70.79	2.87
11	2500M	68.44	3.32
12	5150M	61.31	3.1
13	5250M	59.13	2.9
14	5350M	58.19	2.84
15	5450M	56.11	2.75
16	5550M	60.09	3.11
17	5650M	58.94	3.08
18	5750M	58.27	2.99
19	5850M	57.33	2.81

RADIATION PATTERN



型号: TXWF-JK-11RP

DISCLAIMER

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CONTACT US

Company Name	Chengdu Ziisor Technology Co., Ltd
Telephone	+86-028-61542639
Website	www.ziisor.com
Sales Contact	sales@ziisor.com
Technical Support	support@ziisor.com
Company Address	B5 Molding Tool Industry Park, No. 199 XiQu Avenue, Chengdu, China

