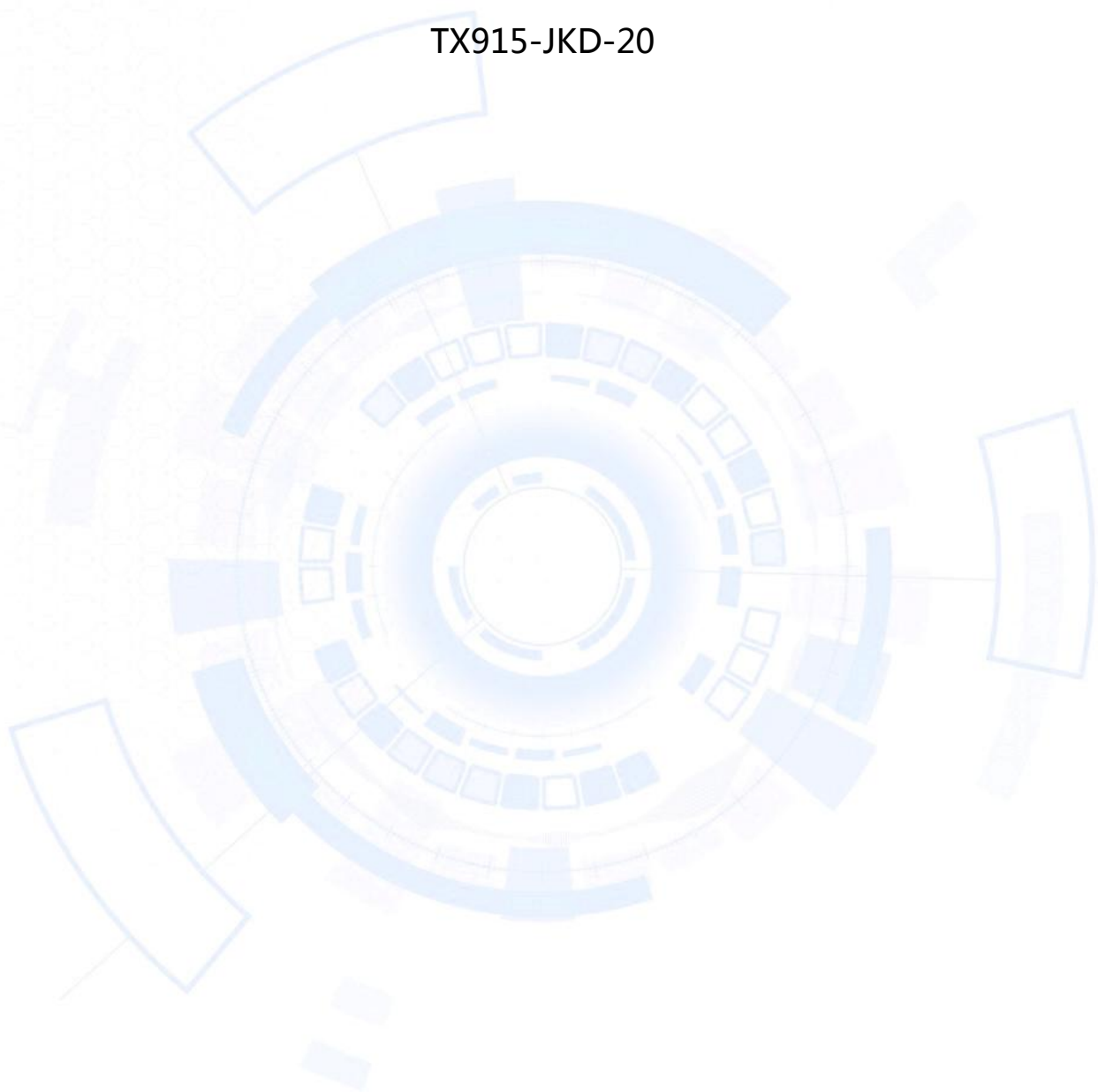




915MHz RODANTENNA

TECHNICAL DATA SHEET

TX915-JKD-20



VERSION : 3.3 DATE : 2023-08-01

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

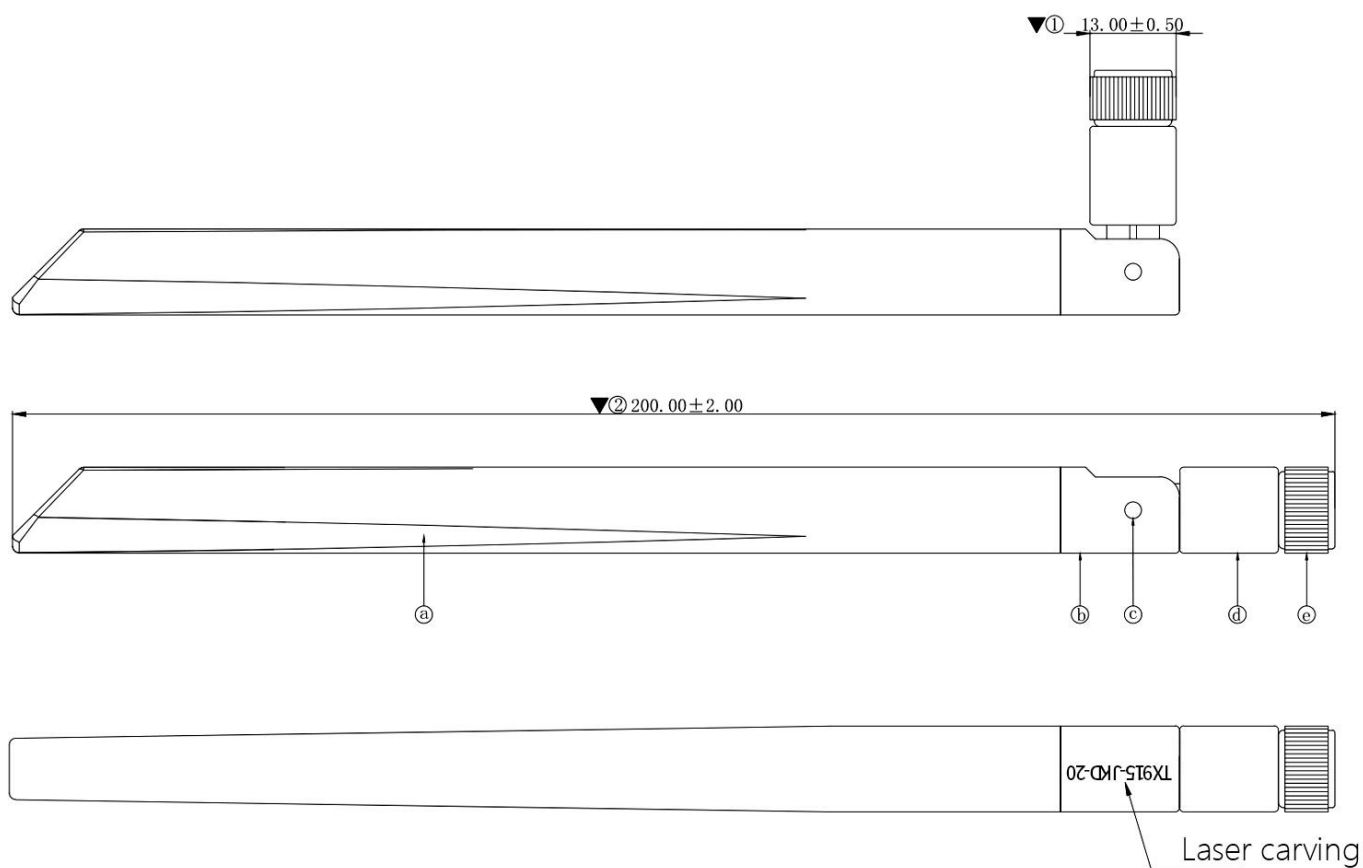
CHENGDU ZIISOR TECHNOLOGY CO., LTD. EXPERT OF IOT ANTENNA



TX915-JKD-20

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX915-JKD-20	915MHz Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Copper	
04	Connector Type	SMA-K	
05	Antenna Colour	Black	
06	Overall Length	200mm	OD13mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	21g	±2g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	910-945 MHz	910~945MHz
02	Antenna Gain	4.36dBi (910-925MHz) 4.44dBi (925-945MHz)	
03	Radiation type	Omni directional	
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°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

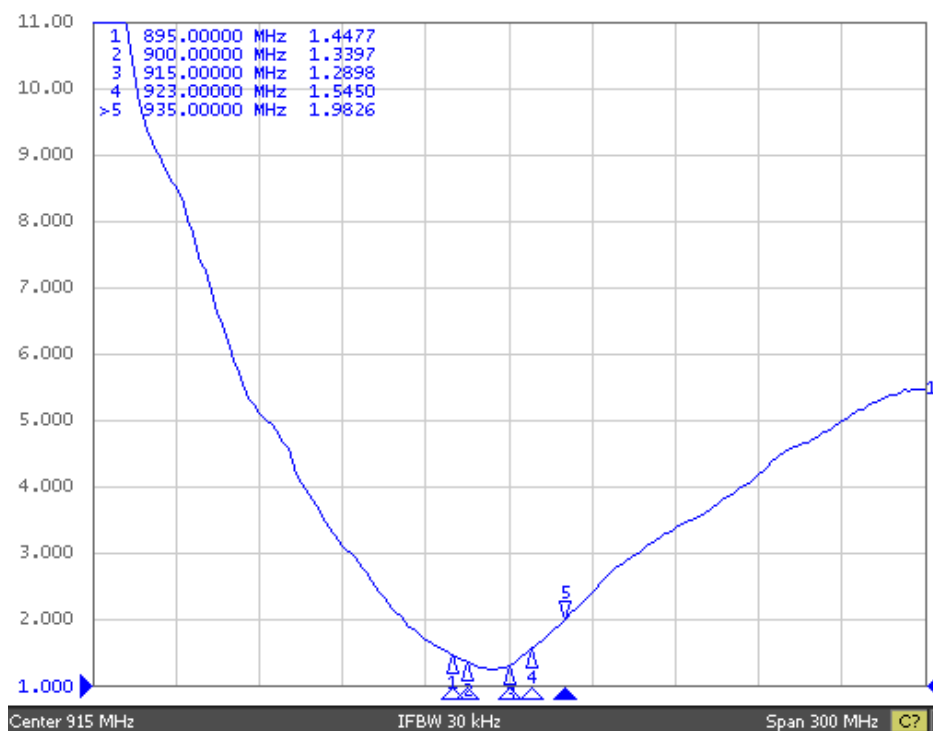
MECHANICAL DRAWING



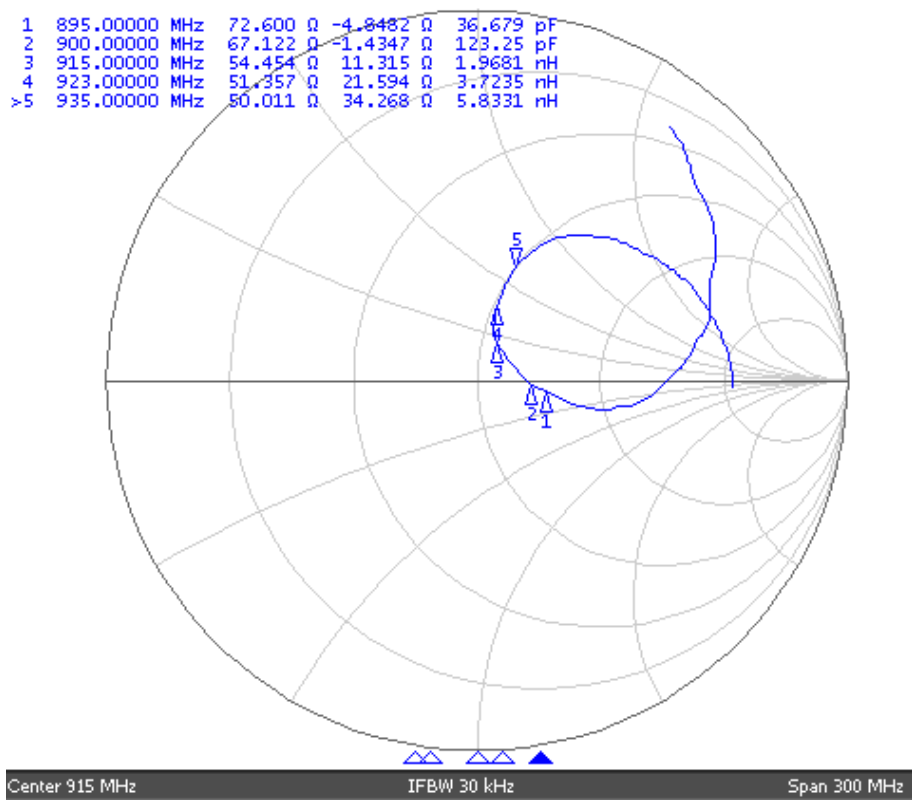
UNIT: mm

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

S.W.R.



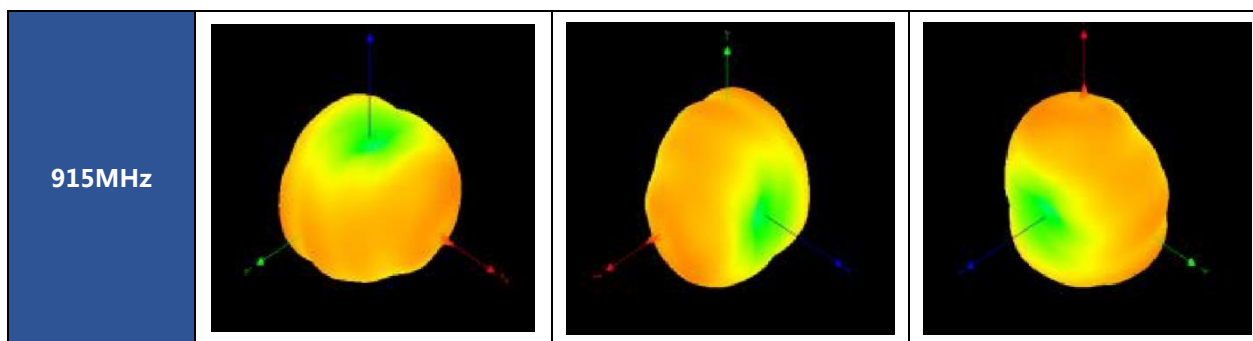
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	910M	61.45	3.29
02	915M	68.16	3.05
03	920M	71.66	3.88
04	925M	68.72	4.36
05	930M	71.62	4.26
06	935M	77.05	4.33
07	940M	78.17	4.44
08	945M	79.54	4.26

RADIATION PATTERN



DISCLAIMER

In order to provide our users with better service, Chengdu Ziisor Technology Co., Ltd (hereinafter referred to as ziisor) will try to present as detailed and accurate product information as possible in this manual. However, due to the timeliness of the manual content, ziisor shall not absolutely guarantee the unlimited timeliness and applicability of the file. Ziisor has the right to update the manual content without further notice. To get the latest edition information, pls visit the official website of ziisor or contact our customer service staff. Thanks for your trust and support!

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