915MHz ROD ANTENNA

TECHNICAL DATA SHEET

TX915-JKD-20



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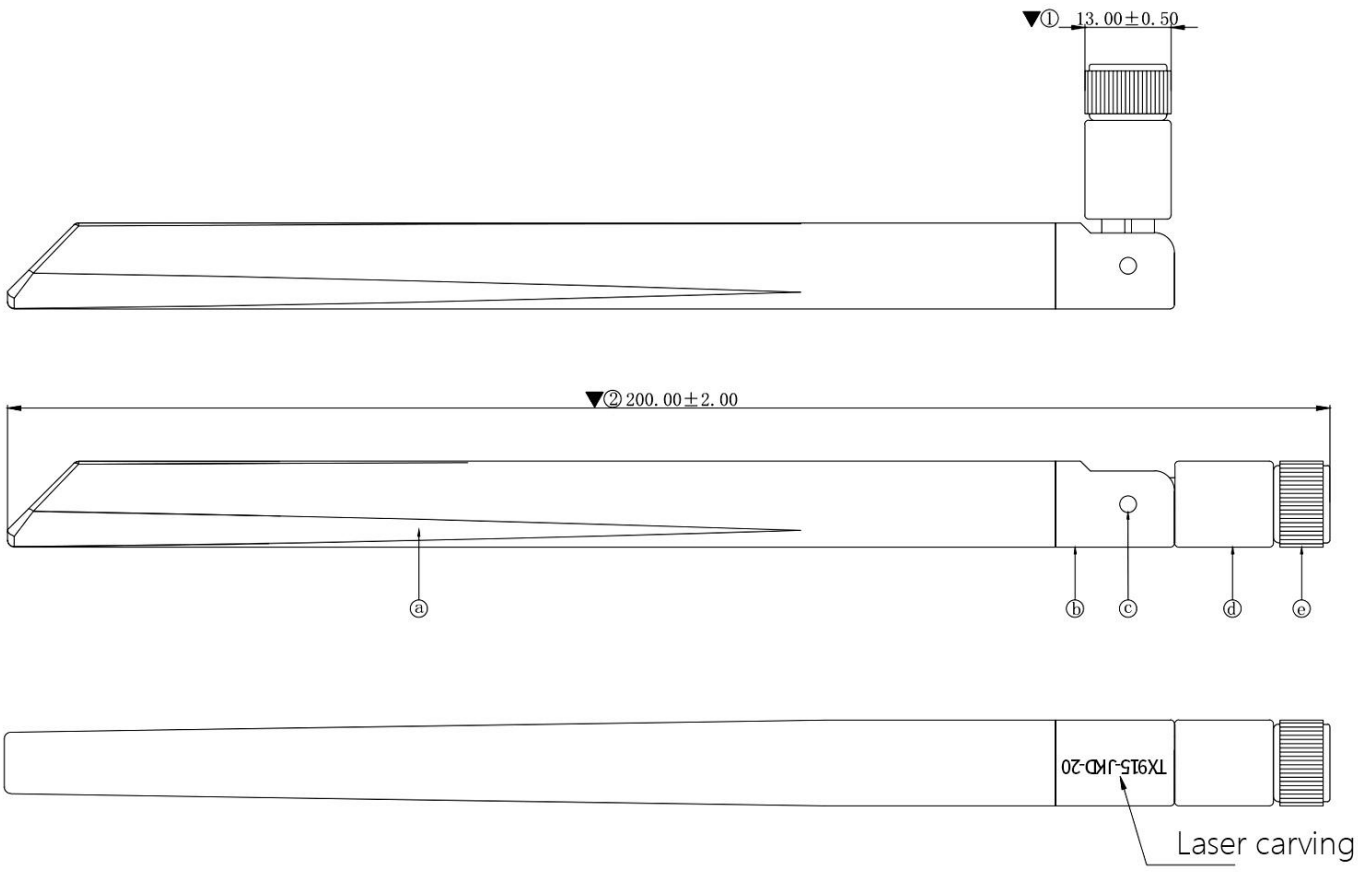
TX915-JKD-20

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 Male	
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	915MHz	895~935MHz
02	Antenna Gain	3.5dBi	
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	

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MECHANICAL DRAWING



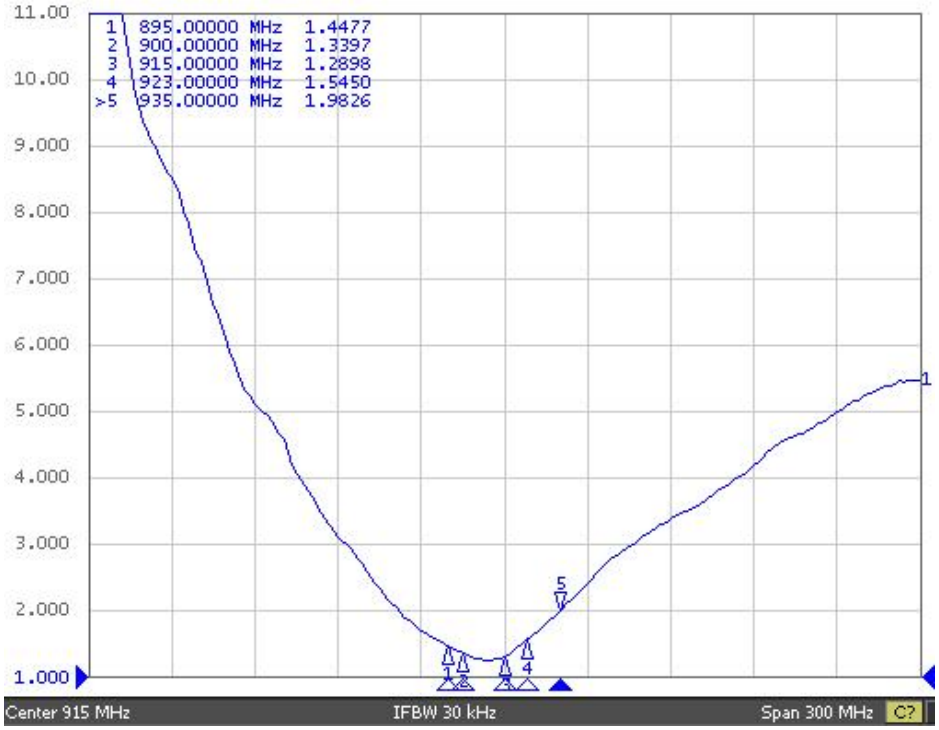
UNIT: mm

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

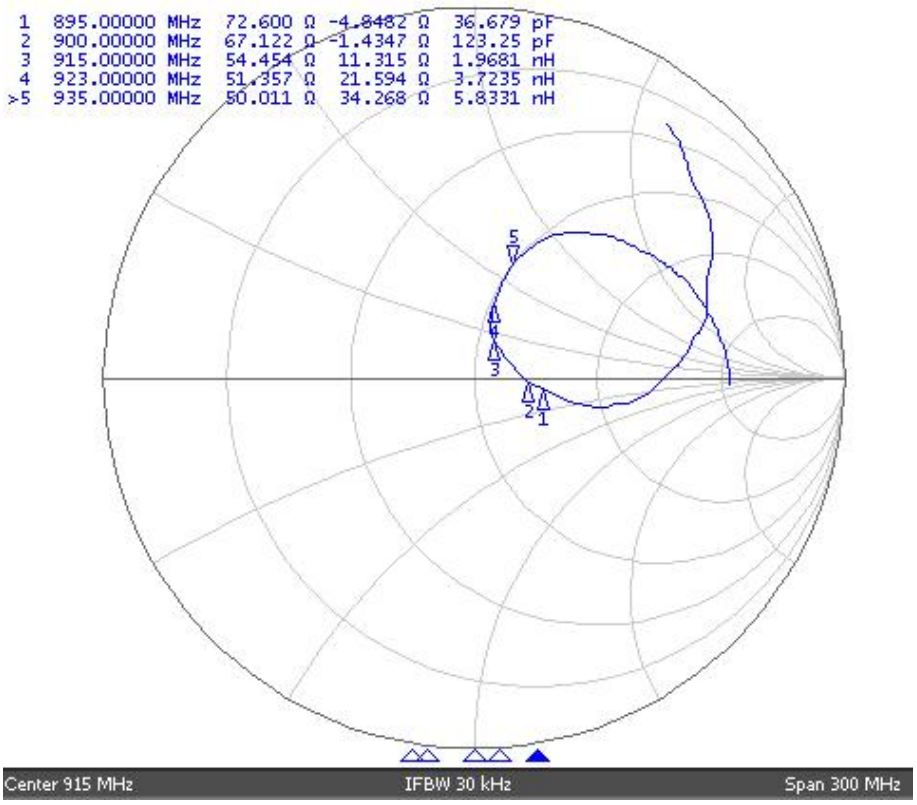
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S.W.R.



SMITH



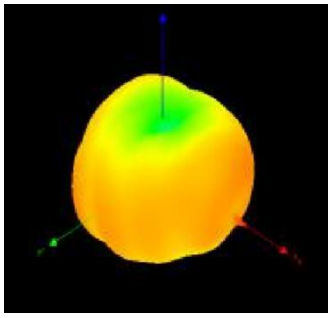
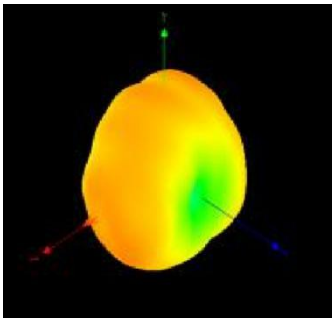
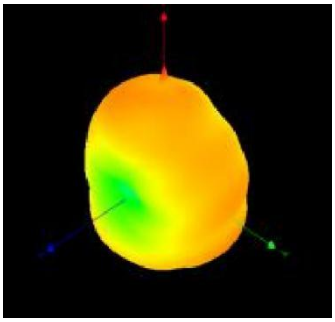
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EFFICIENCY/GAIN TEST

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

915MHz			

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