



# 433M ROB ANTENNA

TX433-JKD-20P

VERSION: 3.3    DATE: 2023-08-01

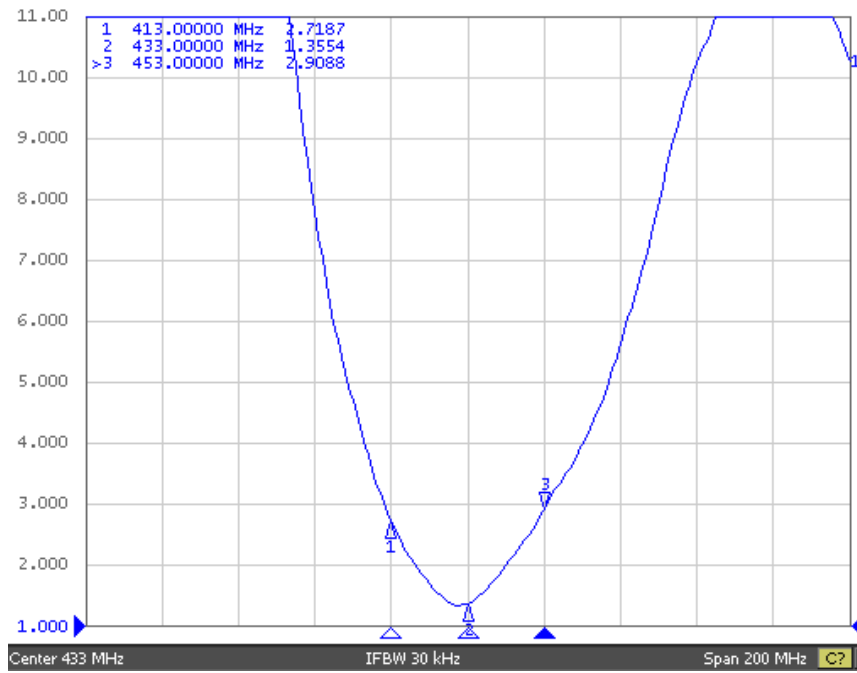
TEL: 028-61542639    WEBSITE: WWW.ZIISOR.COM

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

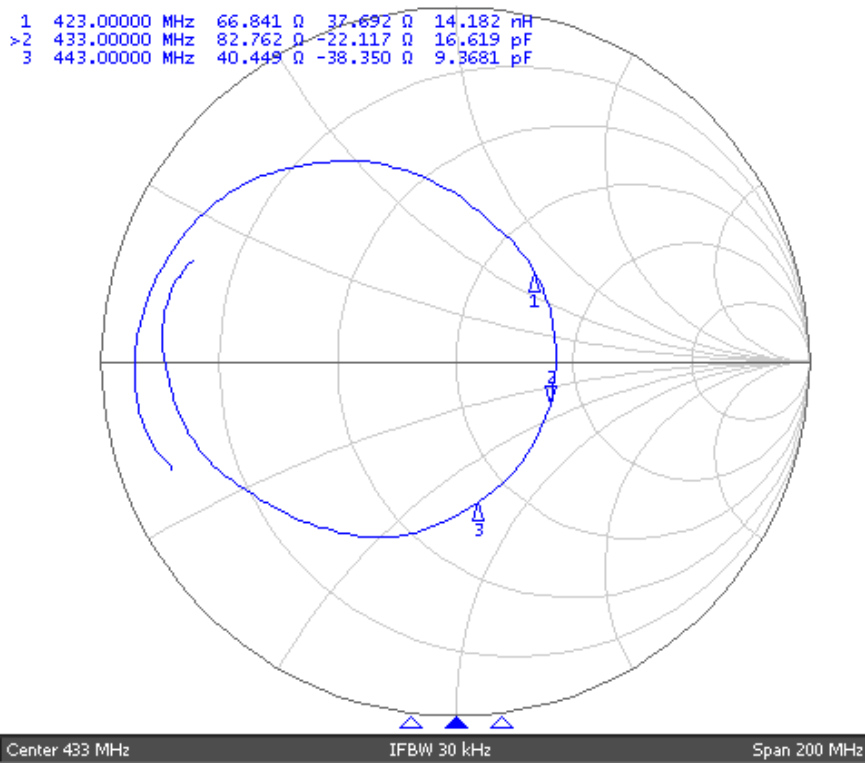
NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX433-JKD-20P	433M Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Copper	Dipole
04	Connector Type	SMA Male	
05	Antenna Colour	Black	
06	Overall Length	200mm	OD13mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	21g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	433MHz	423~443MHz
02	Antenna Gain	4dBi	
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°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	
04	Type		Rubber antenna

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

S.W.R.



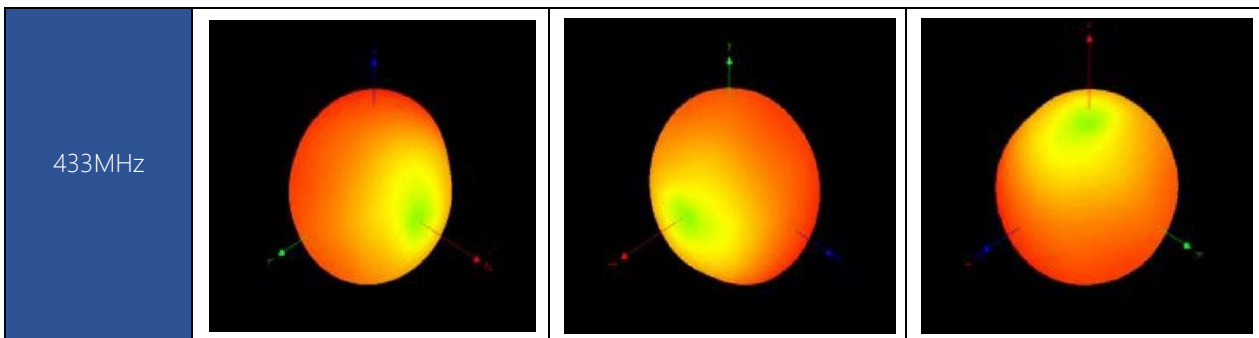
SMITH



## EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	410M	57.88	3.07
02	424M	59.02	3.82
03	427M	57.94	3.11
04	430M	61.52	3.62
05	433M	65.16	4.0
06	436M	60.95	4.0
07	439M	61.52	3.96
08	442M	59.57	3.52
09	445M	61.80	3.27
10	493	62.4	3.4

## RADIATION PATTERN



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Antenna test engineer:



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