



433M ROB ANTENNA

TECHNICAL DATA SHEET

TX433-JW-5

VERSION: 3.2 DATA: 2020-11-06

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

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

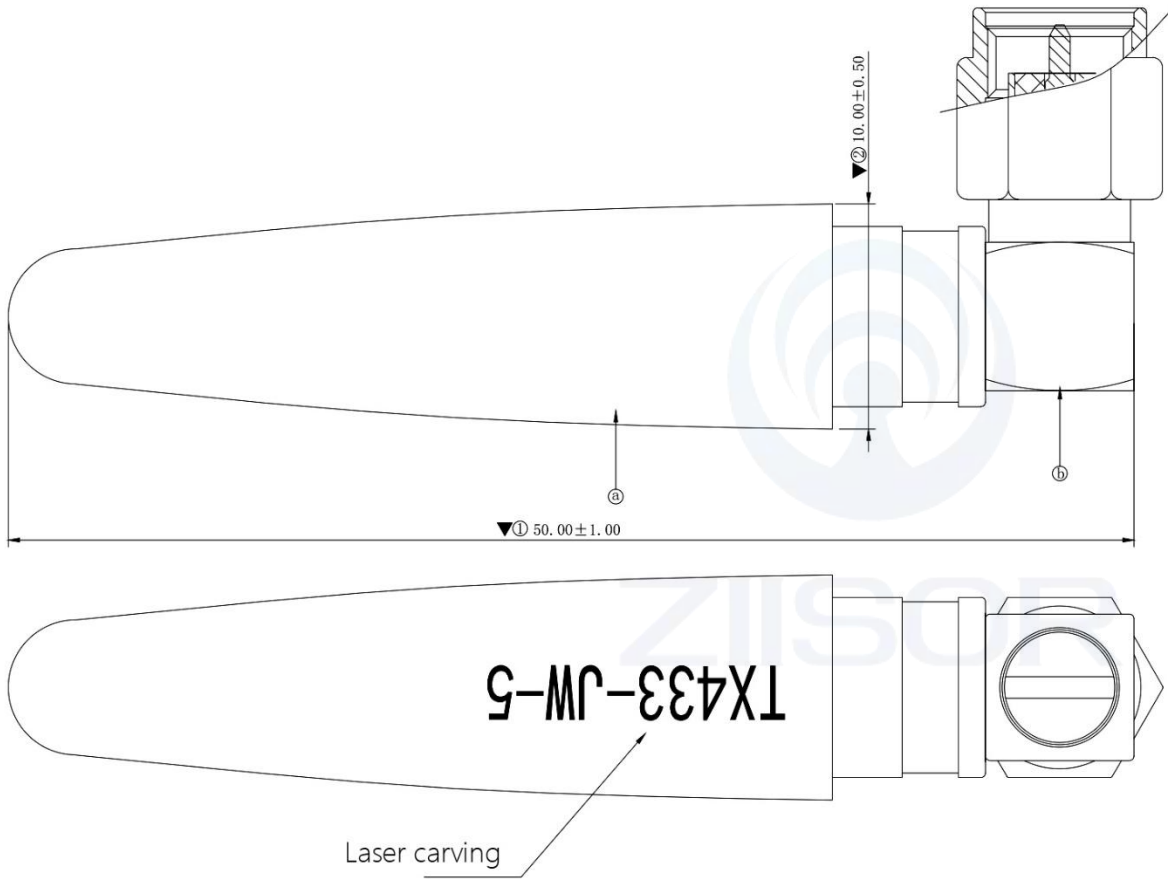


TX433-JW-5

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NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX433-JW-5	433M Rob Antenna
02	Material	TPEE	
03	Material of Radiator	CU	
04	Connector Type	SMA-JW	
05	Antenna Colour	Black	
06	Overall Length	50mm	OD10mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	6g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	433MHz	424~445MHz
02	Antenna Gain	1.5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Standing	10W	
07	S.W.R.	≤2.0	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

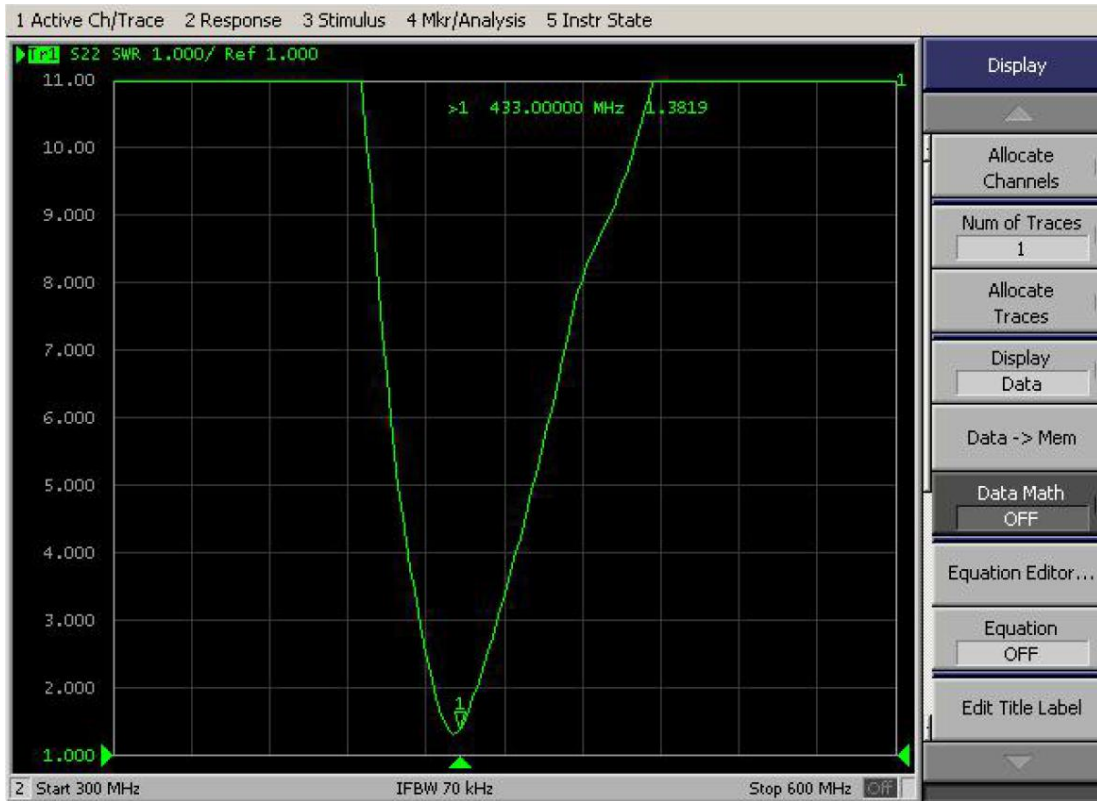
MECHANICAL DRAWING



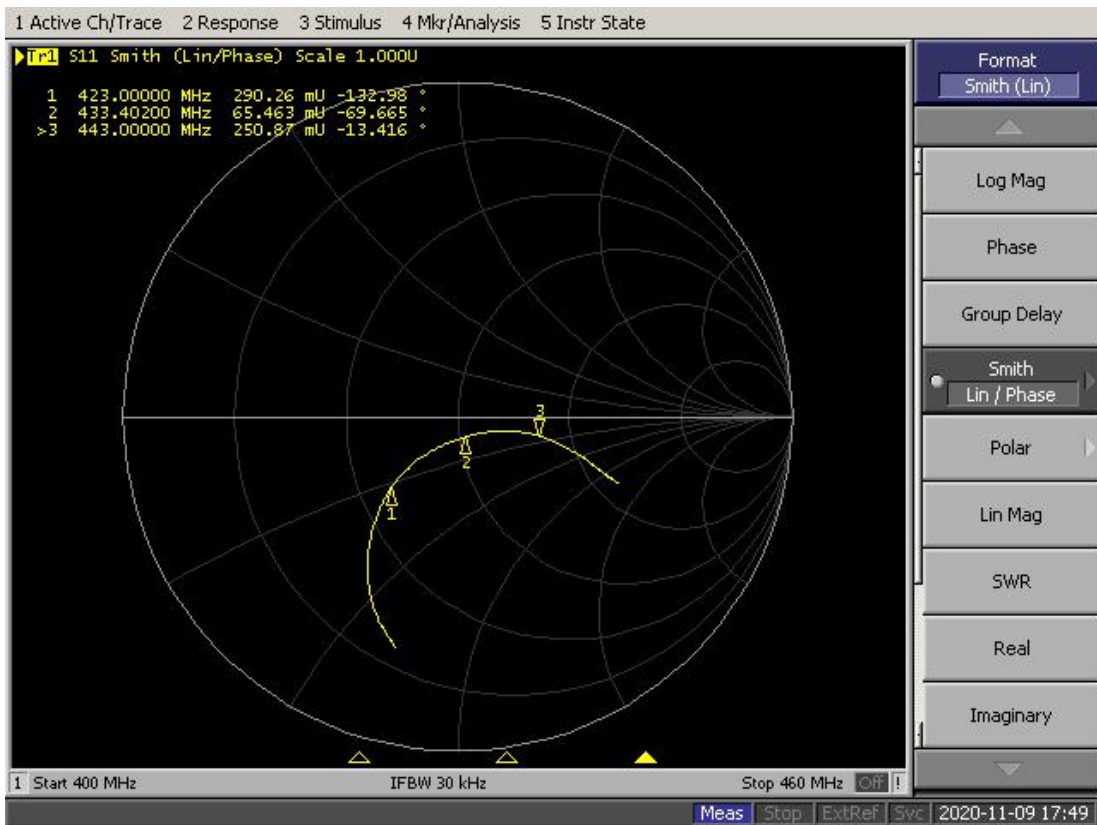
UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Shell	1	TPEE Black
b	Connector	1	SMA-JW Gilded

S.W.R.



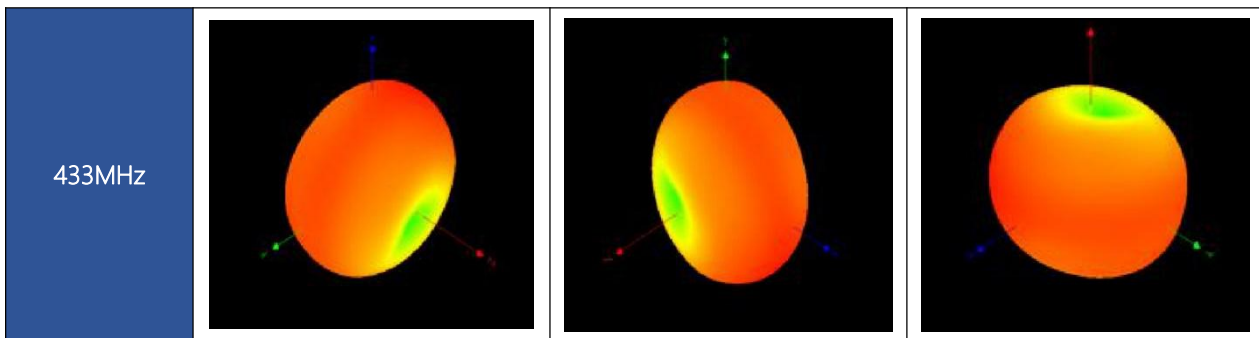
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	424M	51.76	0.24
02	427M	57.81	0.07
03	430M	64.27	1.13
04	433M	66.83	1.27
05	436M	66.99	1.56
06	439M	67.30	1.43
07	442M	62.66	0.23
08	445M	57.68	0.43

RADIATION PATTERN



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