



2.4G ROB ANTENNA

TECHNICAL DATA SHEET

TX2400-JK-11

VERSION: 3.2 DATA: 2020-11-06

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

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

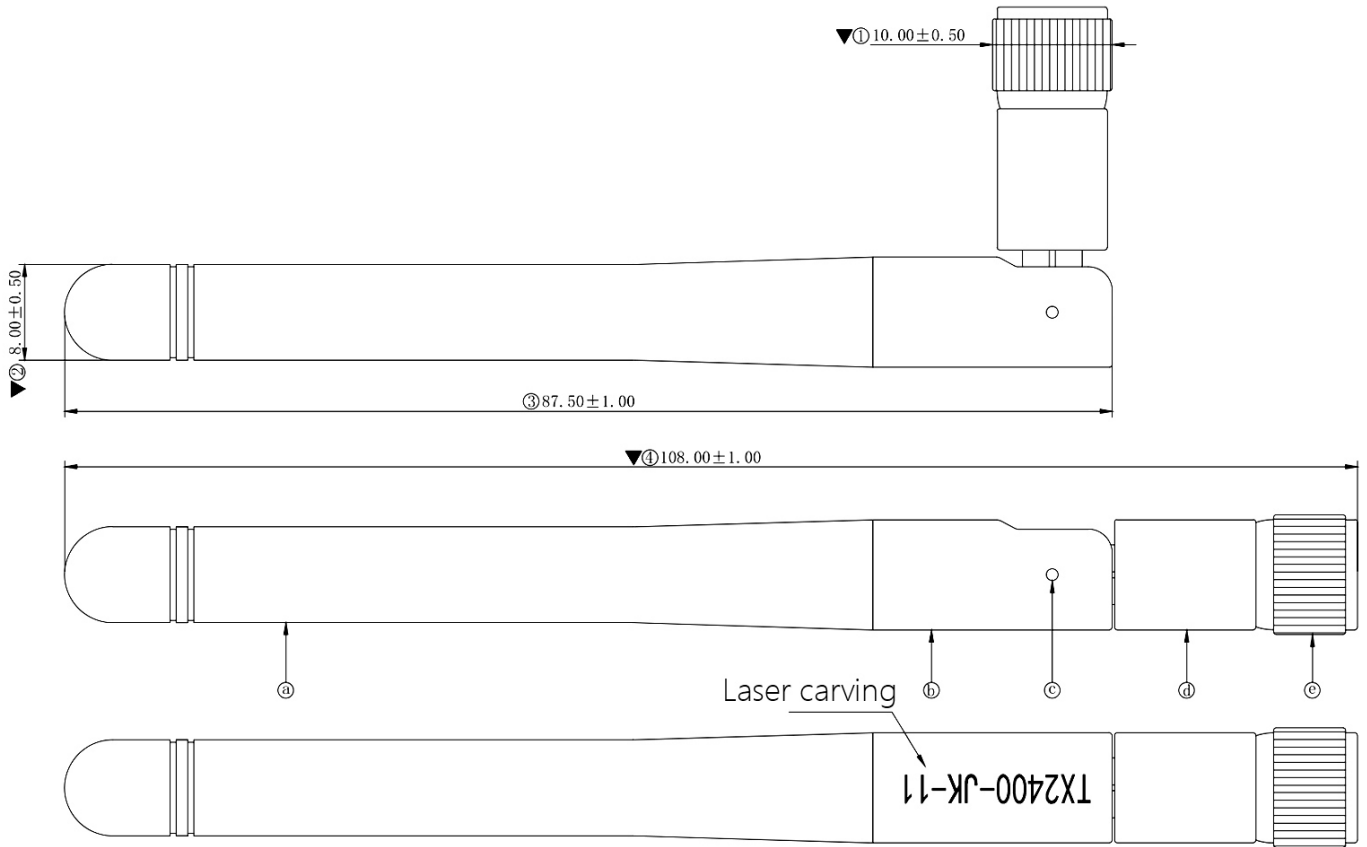


TX2400-JK-11

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NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-JK-11	2.4G Rob Antenna
02	Material	TPEE	
03	Material of Radiator	CU	
04	Connector Type	SMA-J	
05	Antenna Colour	Black	
06	Overall Length	110mm	OD10mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	8g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4GHz	2400~2500MHz
02	Antenna Gain	2.5dBi	
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	

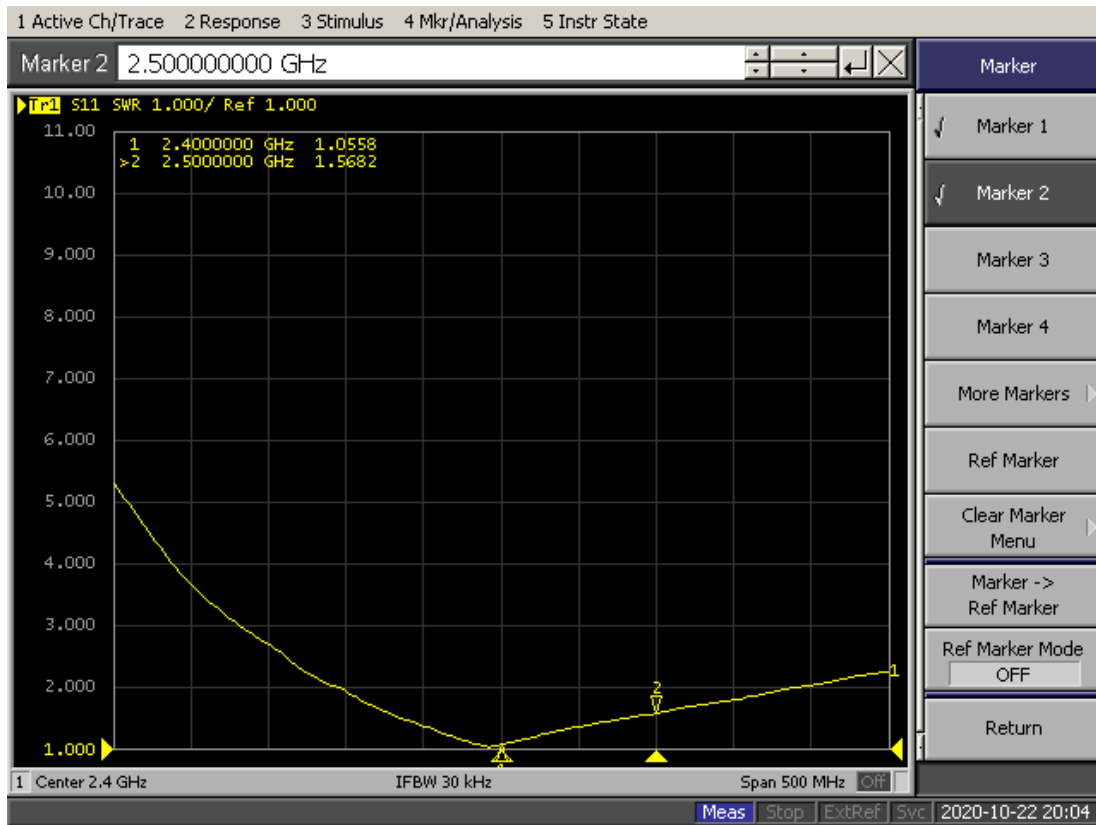
MECHANICAL DRAWING



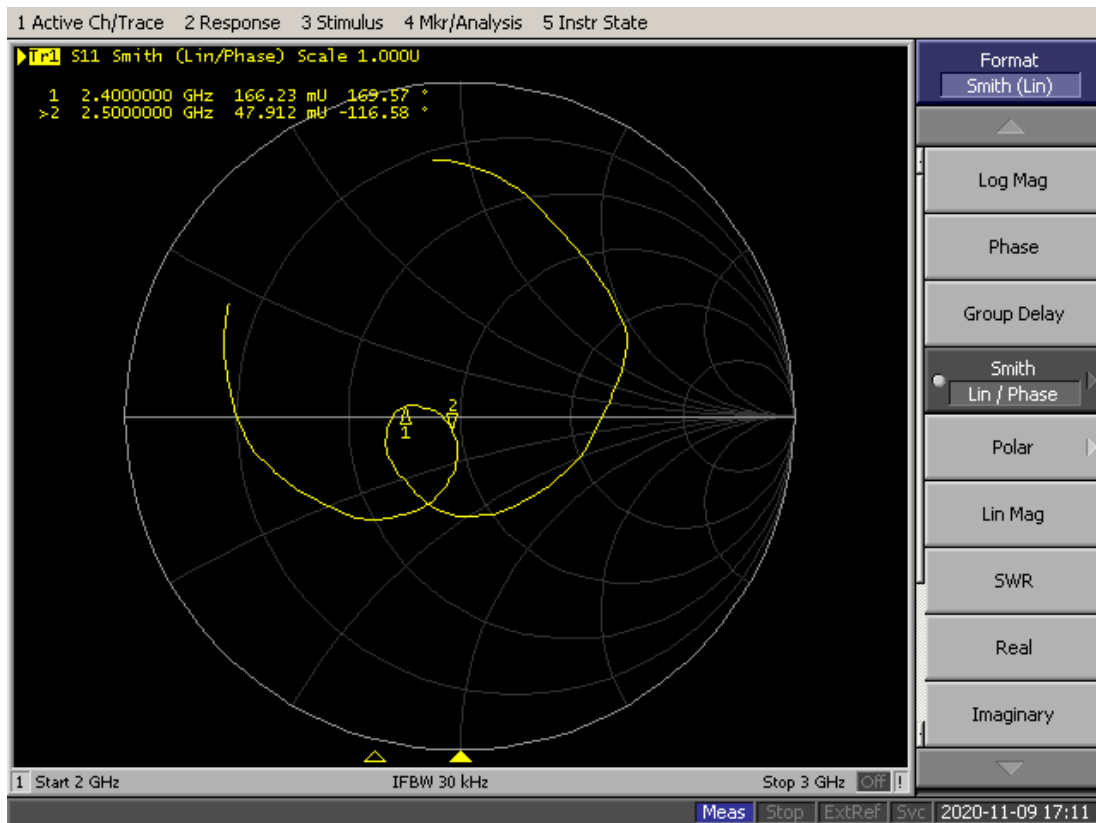
UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Shell	1	TPEE Black
b	Antenna Base	1	PC+PBT Black
c	Rivet	2	POM Black
d	Antenna Base	1	PC+PBT Black
e	Connector	1	SMA-J Nickel plated

S.W.R.



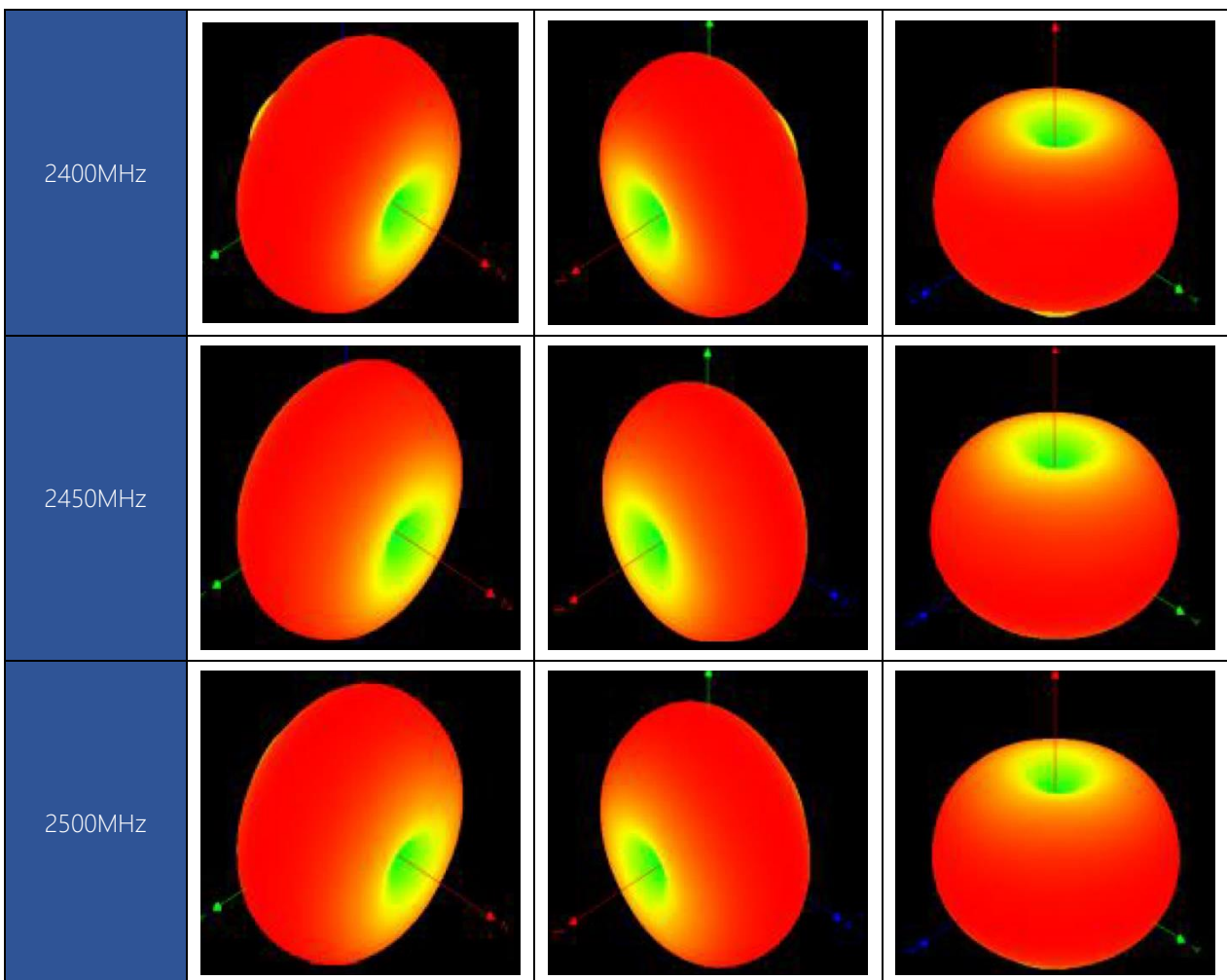
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2400M	70.62	2.17
02	2410M	70.79	1.98
03	2420M	72.95	2.05
04	2430M	70.63	1.77
05	2440M	71.99	1.50
06	2450M	71.07	1.67
07	2460M	71.53	1.95
08	2470M	69.50	2.01
09	2480M	69.02	1.81
10	2490M	70.79	1.87
11	2500M	68.44	2.32

RADIATION PATTERN



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