



2.4G ROB ANTENNA

TECHNICAL DATA SHEET

TX2400-JKD-20

VERSION: 3.2 DATA: 2020-11-06

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

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

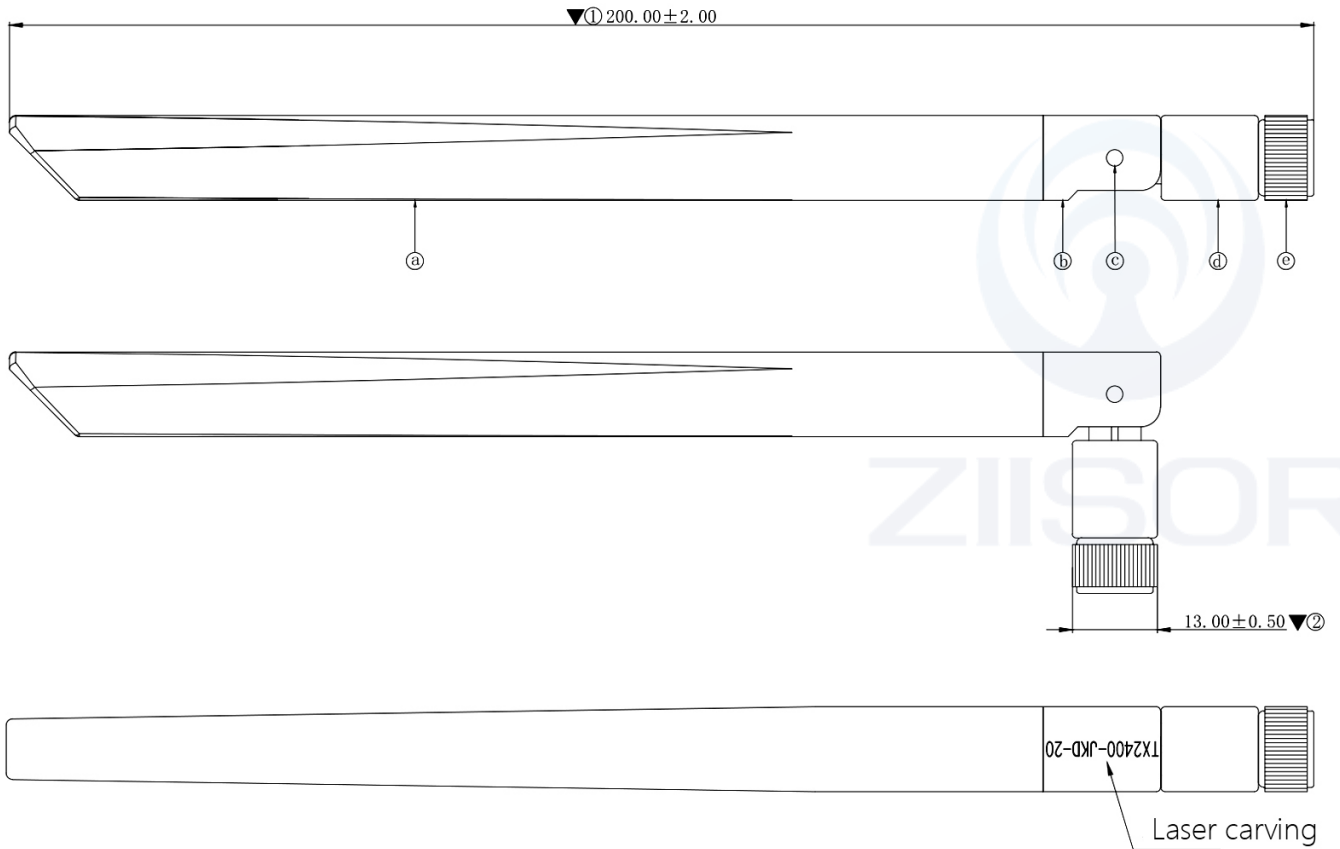


TX2400-JKD-20

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NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-JKD-20	2.4G Rob Antenna
02	Material	TPEE	
03	Material of Radiator	PCB	
04	Connector Type	SMA-J	
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	2.4GHz	2400~2500MHz
02	Antenna Gain	5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Standing	20W	
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	

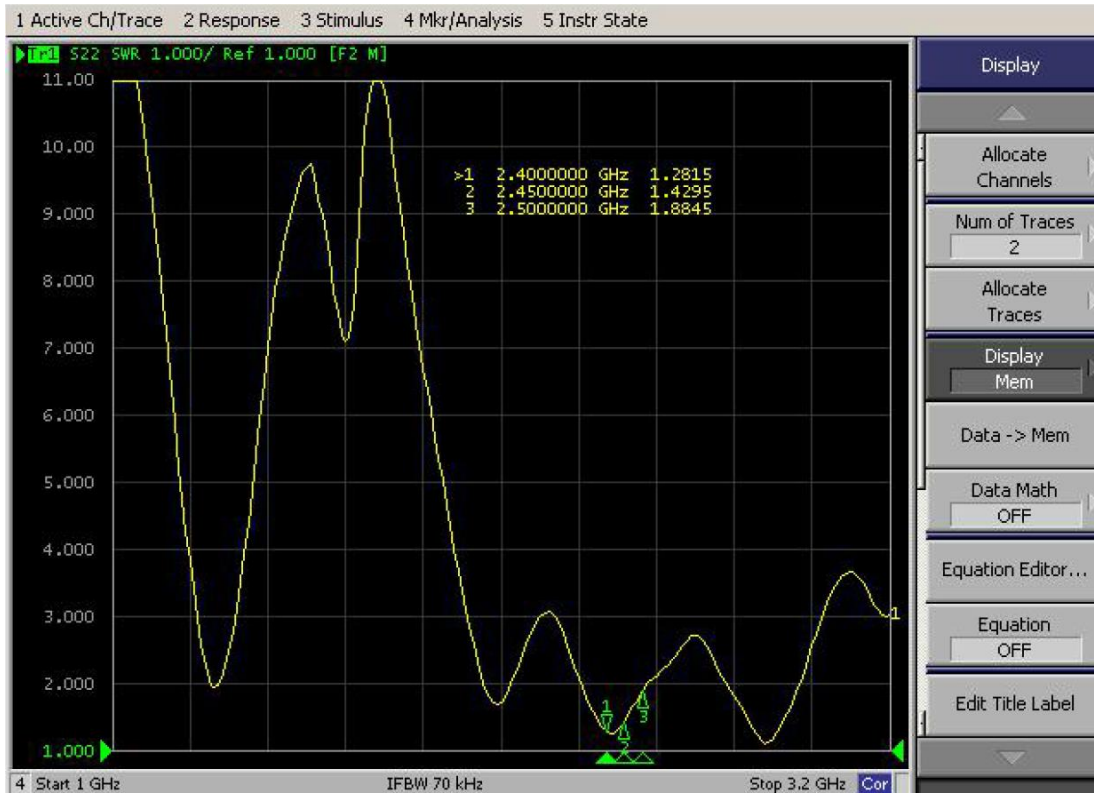
MECHANICAL DRAWING



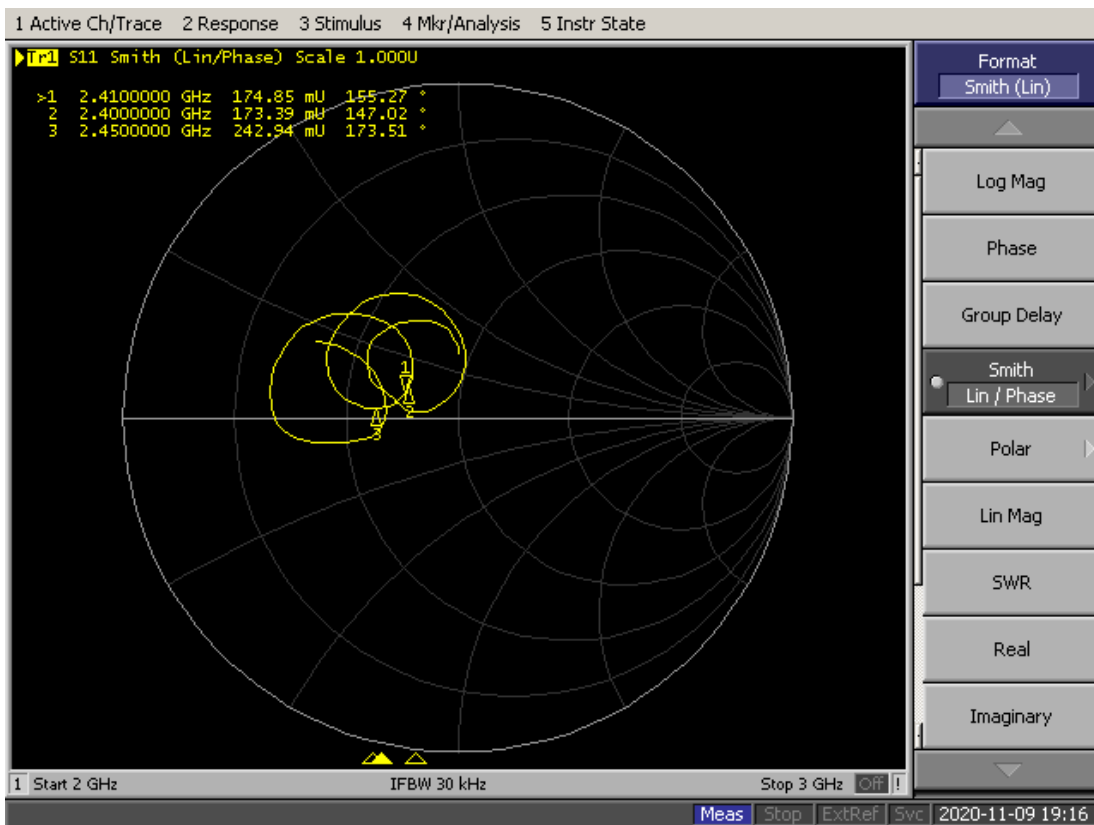
UNIT: mm

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.



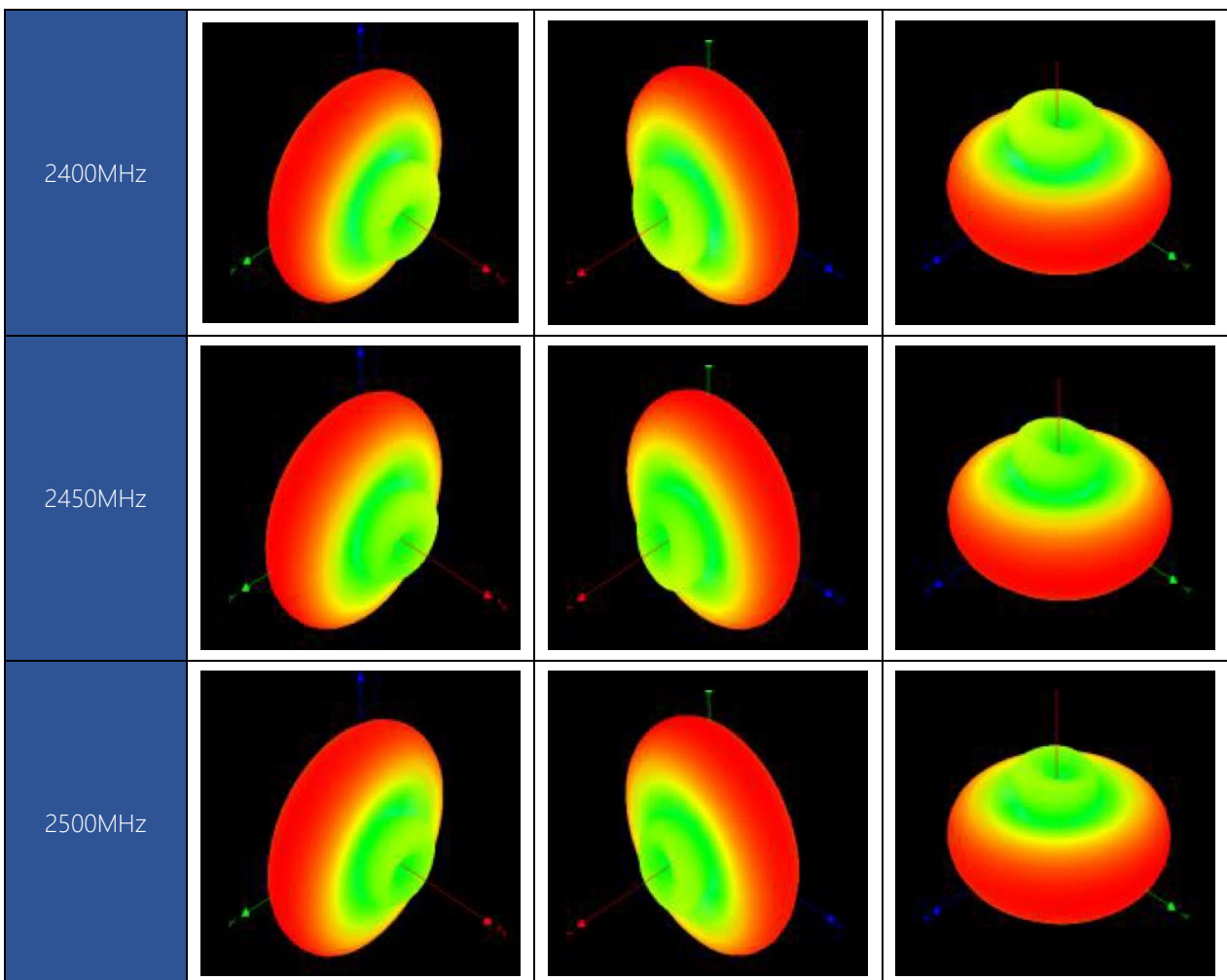
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2400M	83.56	4.96
02	2410M	82.79	5.04
03	2420M	79.80	4.84
04	2430M	76.21	4.57
05	2440M	78.70	4.68
06	2450M	79.98	4.68
07	2460M	81.10	4.86
08	2470M	80.91	4.87
09	2480M	81.10	4.82
10	2490M	88.31	5.13
11	2500M	88.31	5.32

RADIATION PATTERN



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