



915MHz ROB ANTENNA

TECHNICAL DATA SHEET

TX915-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

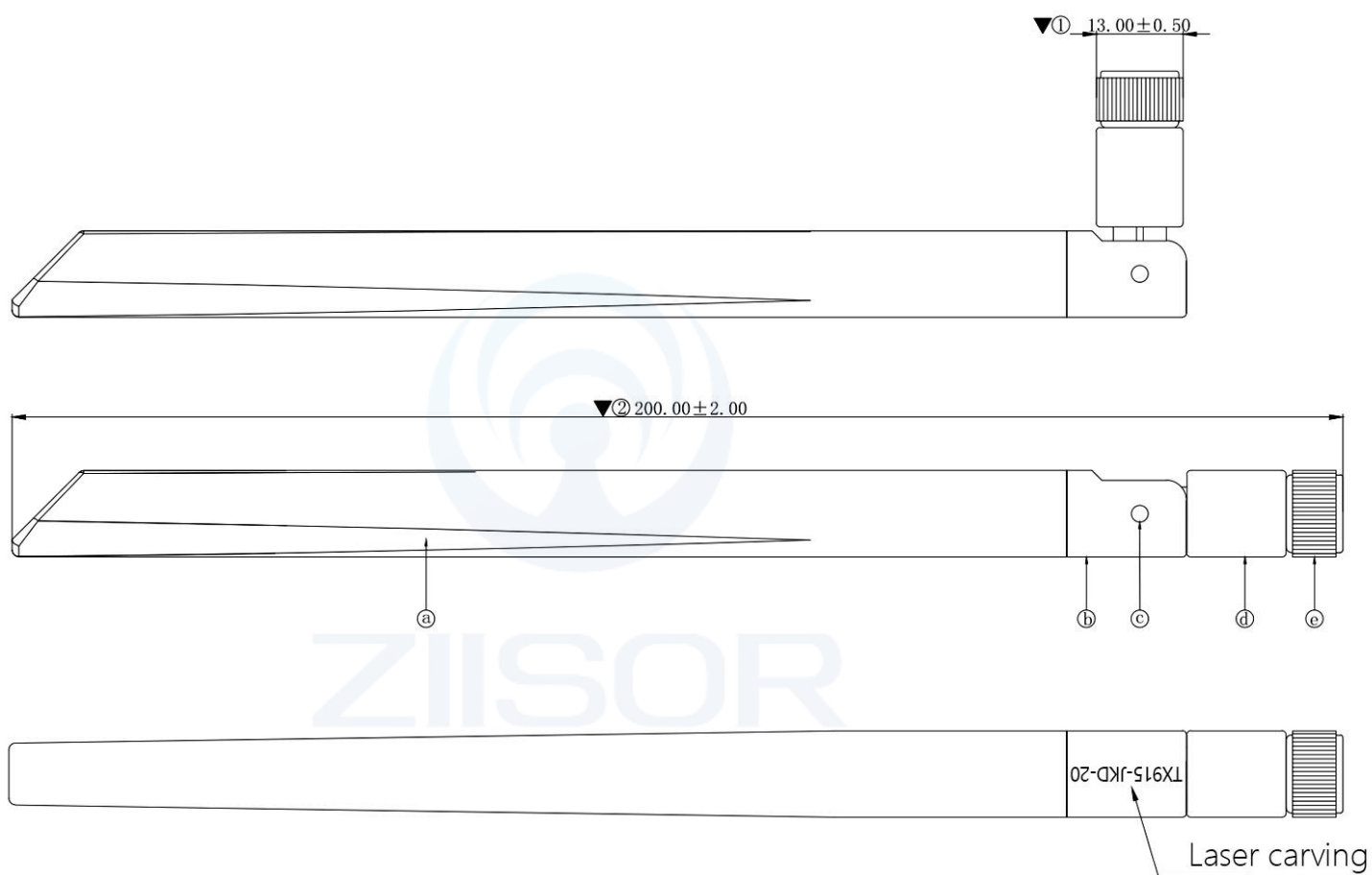


TX915-JKD-20

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NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX915-JKD-20	915MHz Rob Antenna
02	Material	TPEE	
03	Material of Radiator	CU	
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	22g	±2g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	915MHz	900~945MHz
02	Antenna Gain	4.3dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Standing	20W	
07	S.W.R.	≤2.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

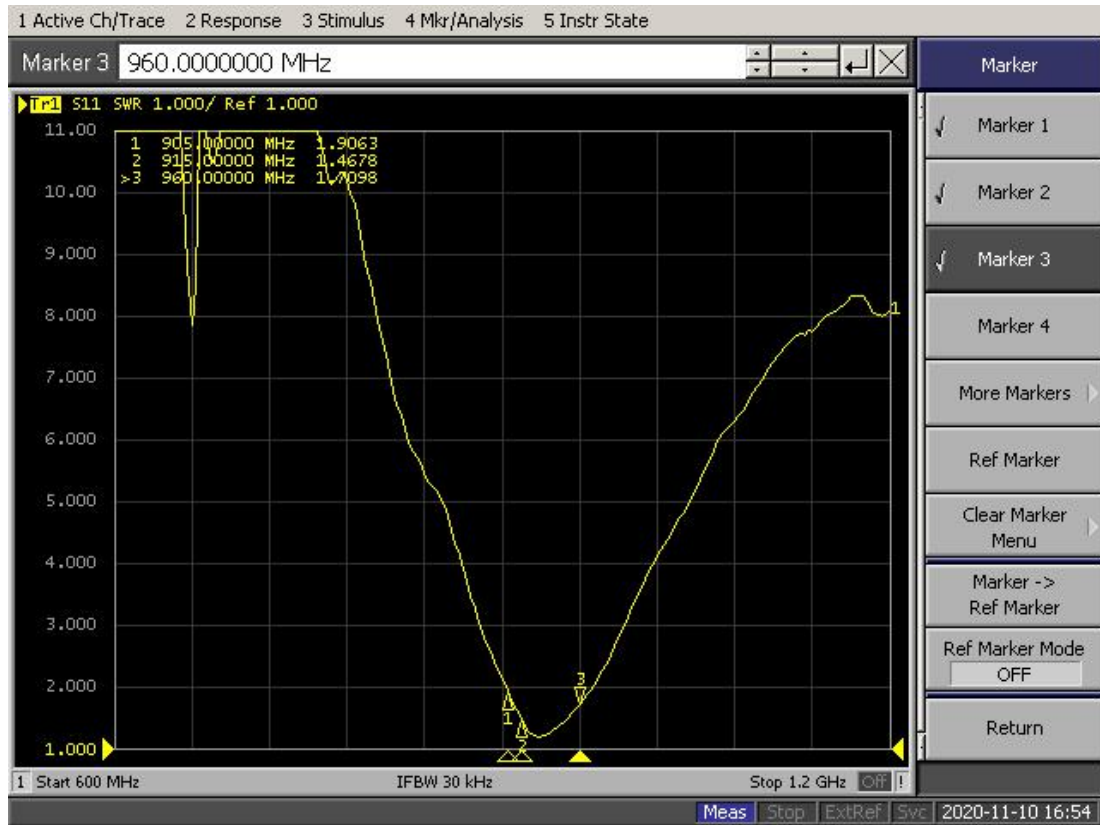
MECHANICALDRAWING



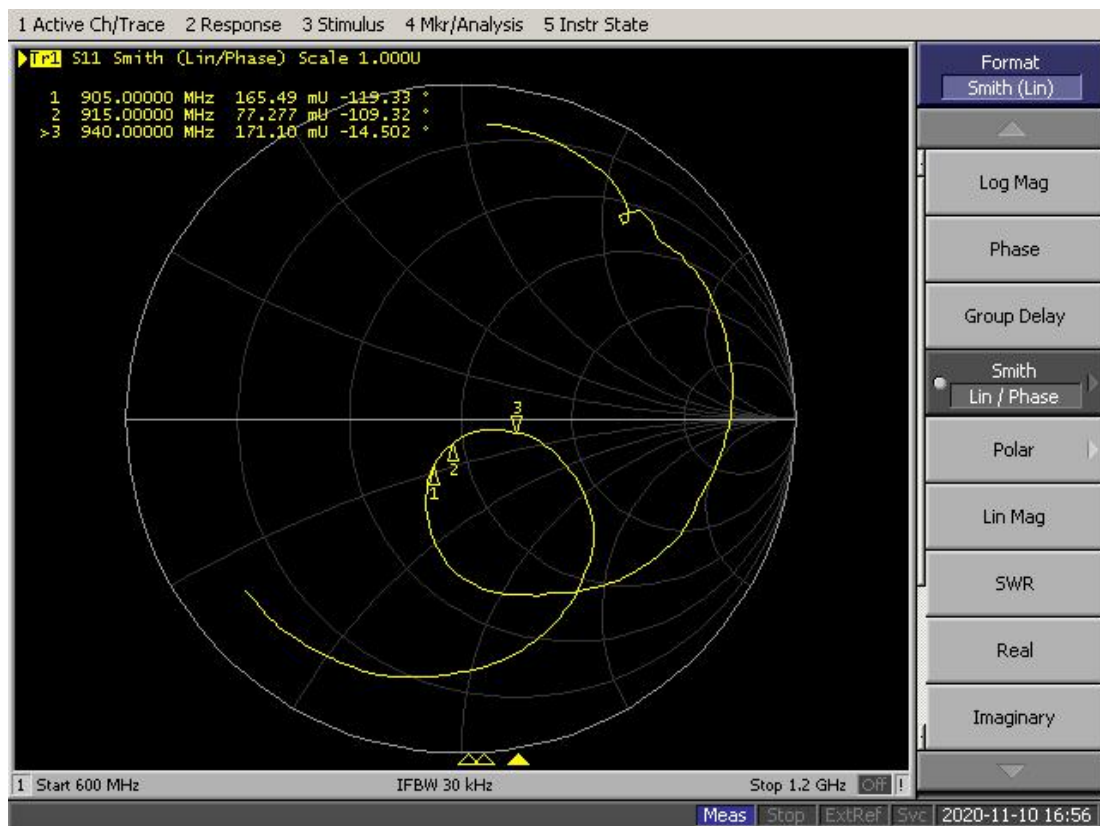
UNIT: mm

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.



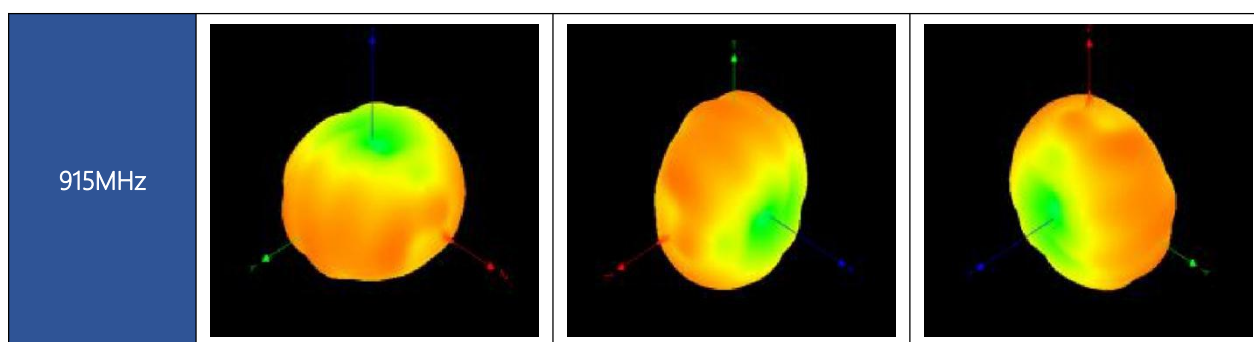
SMITH



EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	900M	76.83	3.97
02	905M	72.9	3.86
03	910M	67.3	3.61
04	915M	60.91	3.35
05	920M	52.28	3.11

RADIATION PATTERN



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