2.4GHz ROD ANTENNA

TECHNICAL DATA SHEET

TX2400-TB-300



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TX2400-TB-300

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-TB-300	2.4GHz Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Copper	
04	Connector Type	SMA Male	
05	Antenna Colour	Black	
06	Overall Length	90mm	
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	241g	±5g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	433MHz	423~443MHz
02	Antenna Gain	5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Capacity	50W	
07	S.W.R.	≤1.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-40℃ ~ +85℃	
02	Storage Temperature	-40℃ ~ +85℃	
03	RoHS Compliant	YES	

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MECHANICAL DRAWING



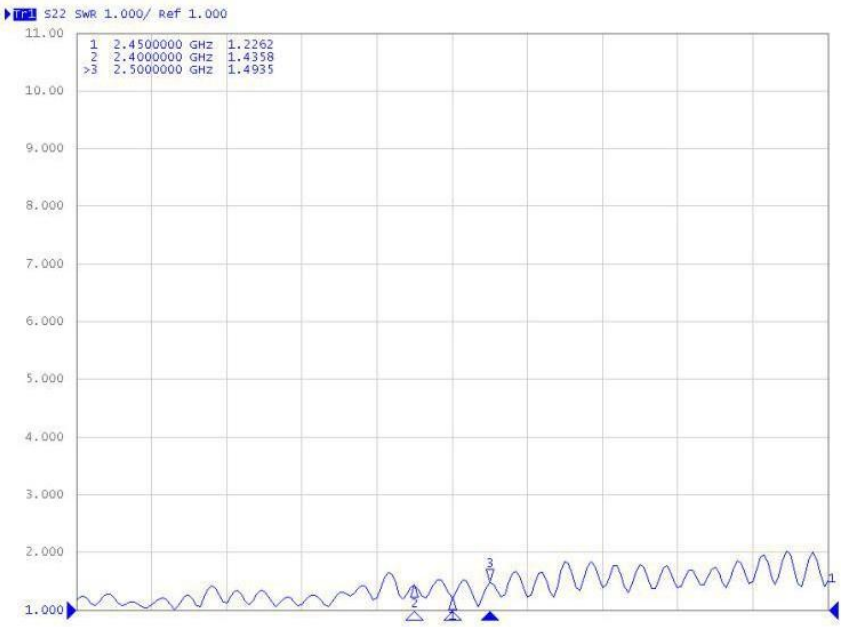
UNIT: mm

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

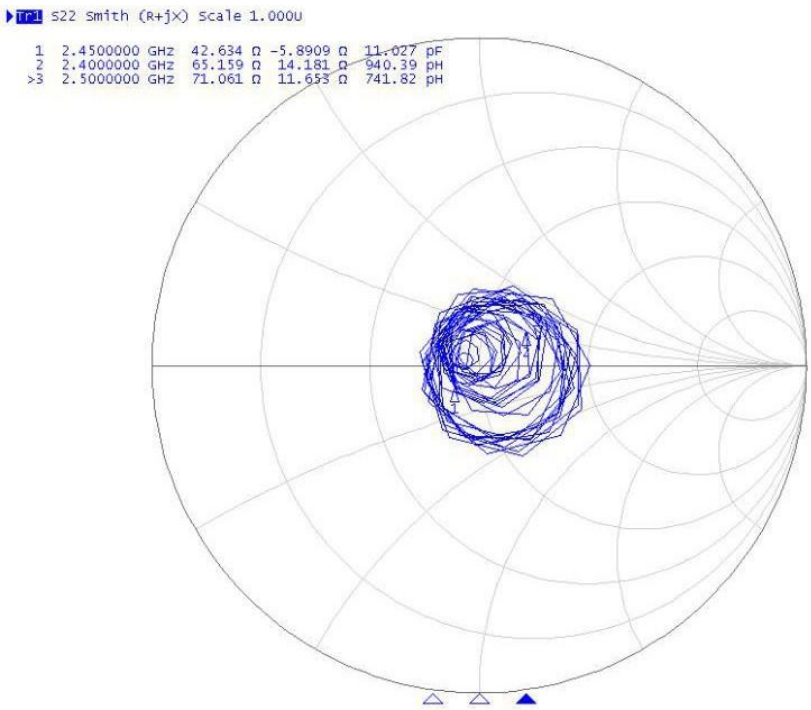
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S.W.R.



SMITH



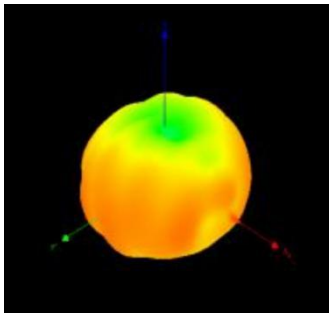
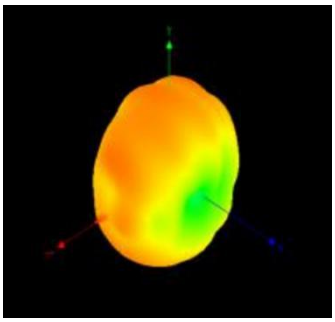
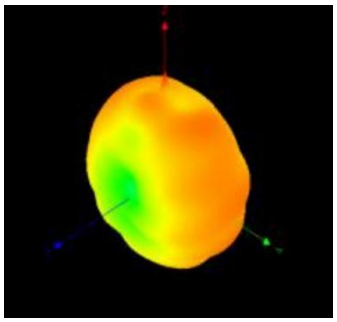
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EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2.4G	62.3	4.61
02	2.45G	62.9	5.05
03	2.5G	62.28	5.13

RADIATION PATTERN

2.4GHz			

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