230MHz

Omni Outdoor Antenna

TECHNICAL DATA SHEET

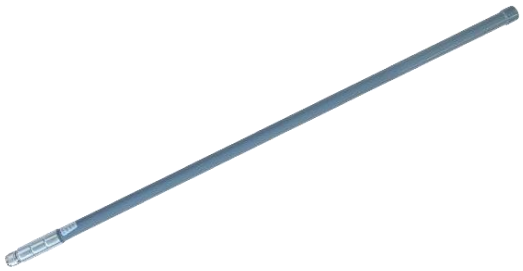
TX230-BLG-85



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TX230-BLG-85

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX230-BLG-85	Omni Outdoor Antenna
02	Material	Fiberglass	
03	Material of Radiator	Copper	
04	Connector Type	N-Male	
05	Antenna Colour	Gray	
06	Overall Length	850mm	OD20mm
07	IP Rating	IP 67	
08	Wind Resistance	60m/s	
09	N.W	270g	±10g
10	G.W	435g	±10g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	230MHz	225~235MHz
02	Antenna Gain	5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Horizontal Beamwidth	360 Deg	
06	Vertical Beamwidth	105 Deg	±3 Deg
07	Nominal Impedance	50Ω	
08	Max Input Power	100W	
09	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



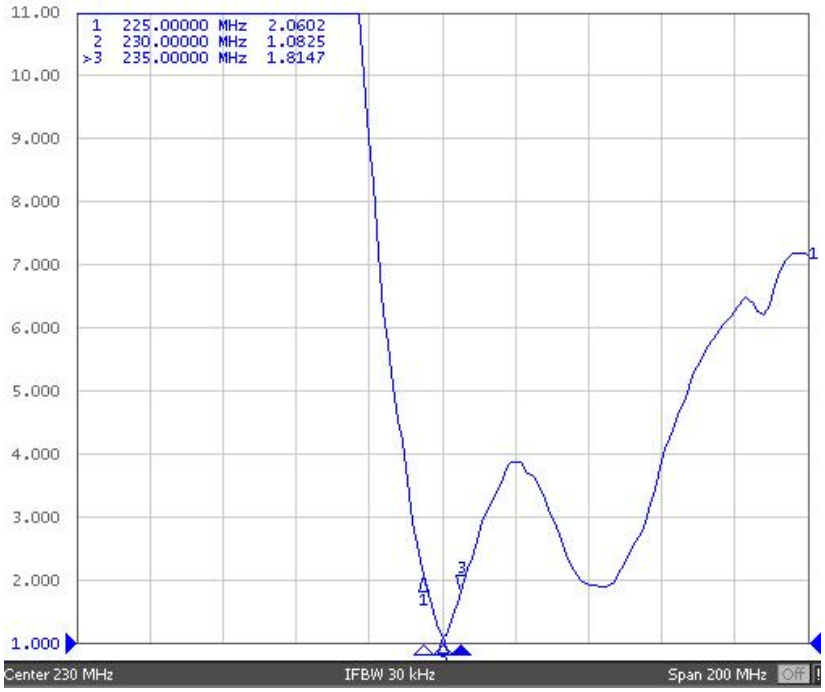
UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Connector	1	N-Male
b	Body	1	Copper Tube
c	Shell	1	Fiberglass

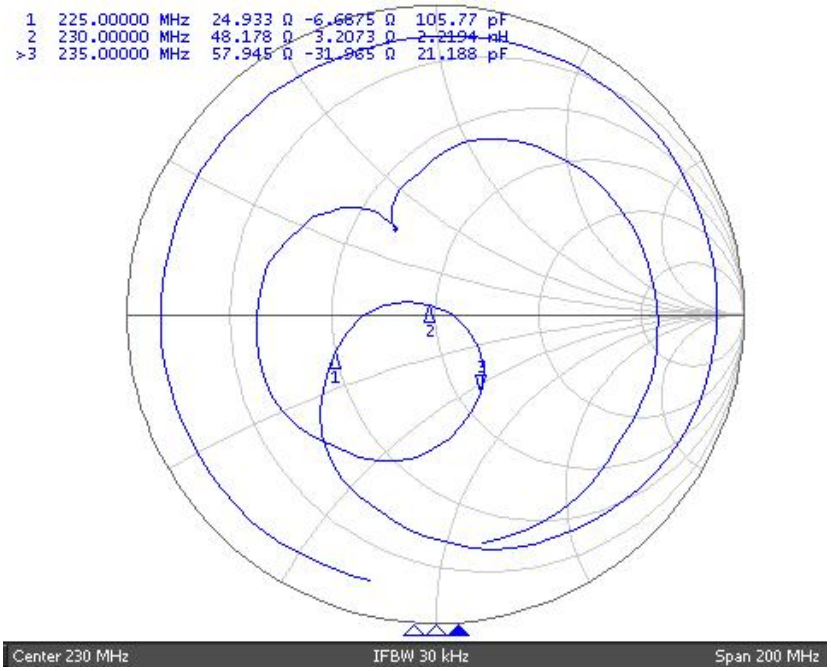
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S.W.R.



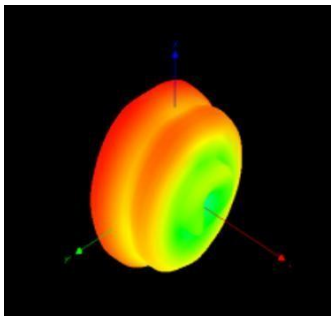
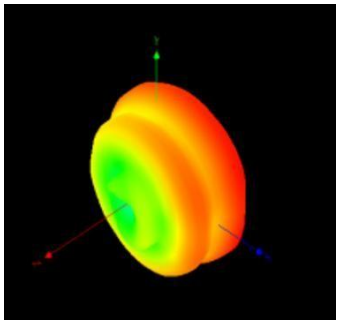
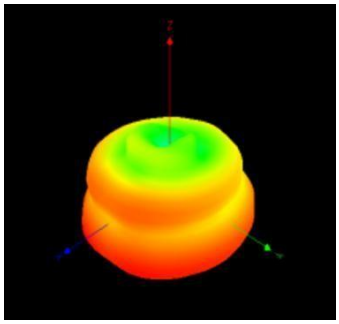
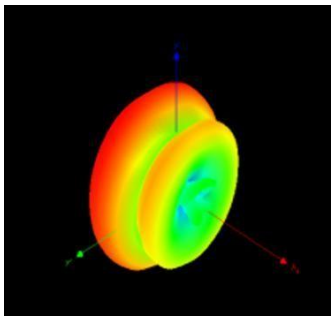
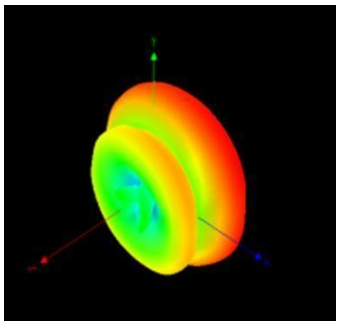
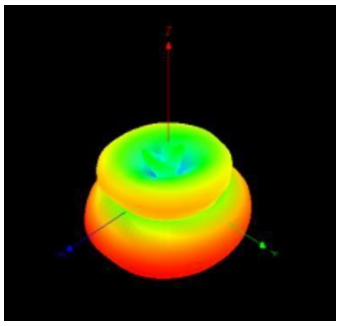
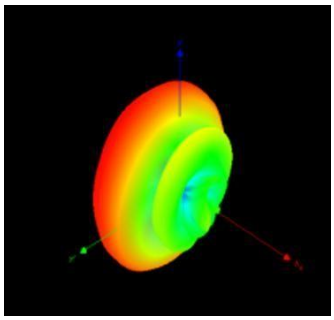
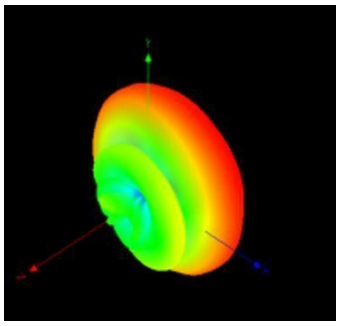
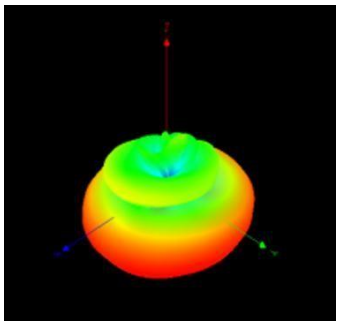
SMITH



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RADIATION PATTERN

225MHz			
230MHz			
235MHz			

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