



868/915MHz FPC BUILT-IN ANTENNA

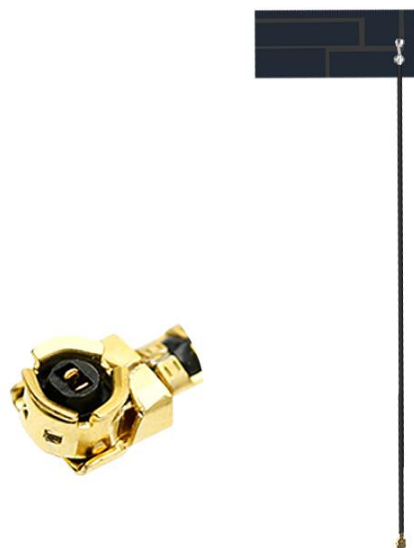
TECHNICAL DATA SHEET

TX900-FPC-4420

VERSION: 3.3 DATE: 2021-08-03

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

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

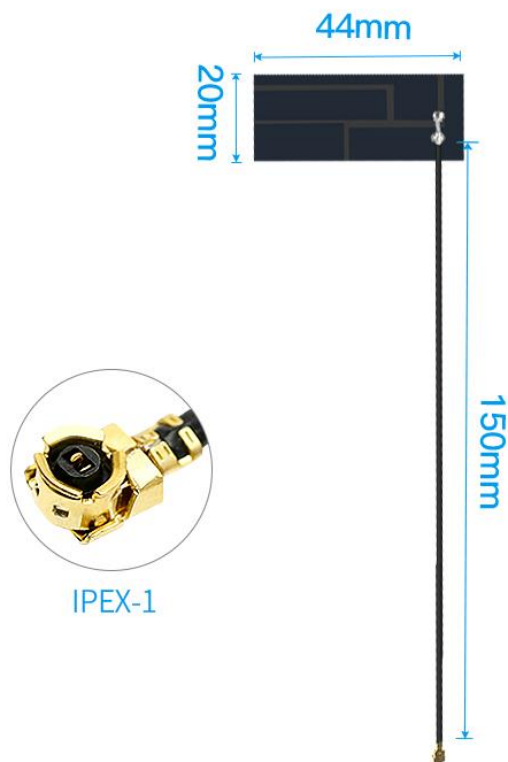


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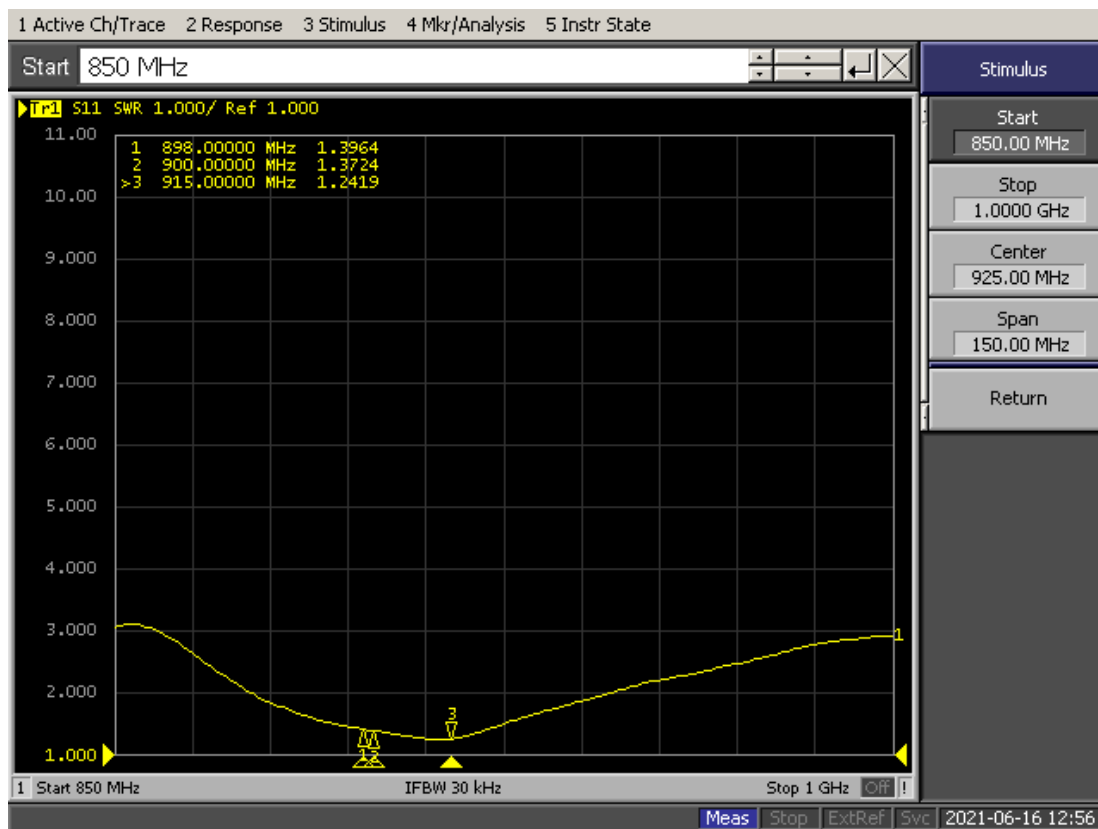
NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX900-FPC-4420	Omni Antenna
02	Material	FPC	
03	Connector Type	IPEX-1	
04	Antenna Colour	Black	
05	Overall Size	44*20mm	
06	Cable Length	150mm	
07	Lightning protection	DC Ground	
09	Wind Resistance	60m/s	
10	Weight	1g	
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	868/915MHz	860~940MHz
02	Antenna Gain	0dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Max Input Power	2W	
077	S.W.R.	≤1.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30℃ ~ +75℃	
02	Storage Temperature	-30℃ ~ +75℃	
03	RoHS Compliant	YES	

MECHANICAL DRAWING

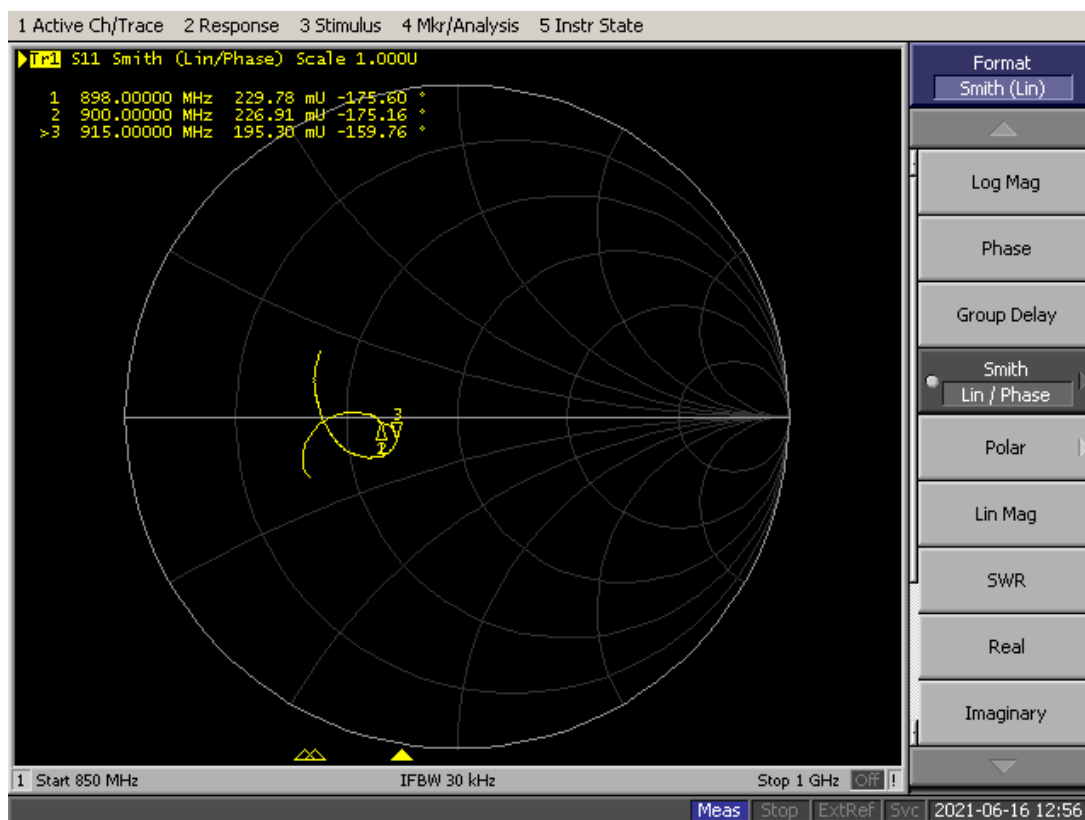


UNIT: mm

S.W.R.



SMITH



DISCLAIMER

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型号：TX900-FPC-4420

1.Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
860MHz	31.79	-0.49
870MHz	33.22	-0.43
880MHz	34.85	-0.31
890MHz	35.47	-0.25
900MHz	36.51	-0.06
910MHz	38.92	0
920MHz	37.87	-0.09
930MHz	39.17	-0.17
940MHz	40.00	-0.21

2.Radiation Pattern/辐射方向图

