2.4G/5.8G ROB ANTENNA

TECHNICAL DATA SHEET

TXWF-JKS-20



Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000



TXWF-JKS-20

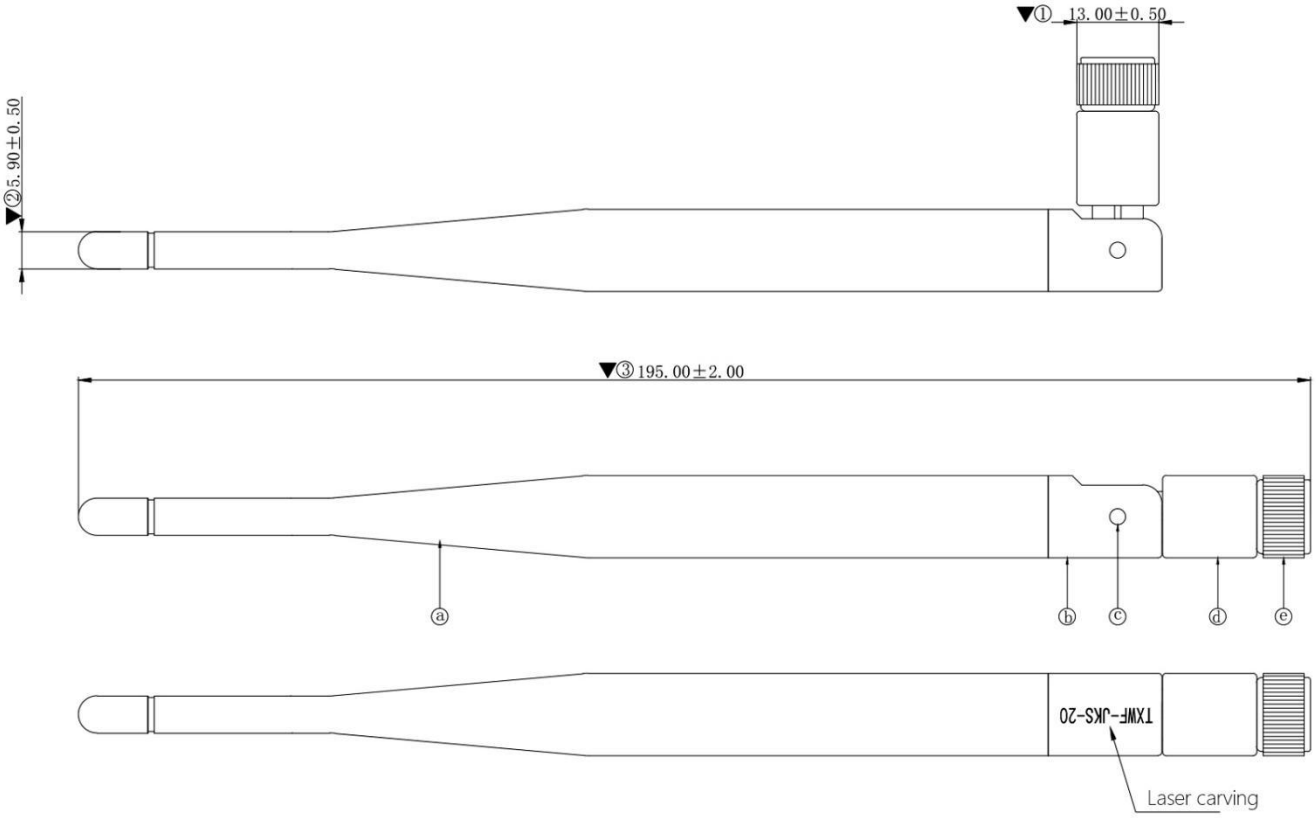
点击购买样品

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TXWF-JKS-20	2.4G/5.8G Rob Antenna
02	Material	TPEE	
03	Material of Radiator	CU	
04	Connector Type	SMA-J	
05	Antenna Colour	Black	
06	Overall Length	195mm	OD13mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	17g	±2g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4G/5.8G	2.4~2.5G/5.15~5.85GHz
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℃ ~ +75℃	
02	Storage Temperature	-30℃ ~ +75℃	
03	RoHS Compliant	YES	

Copyright ©2012–2021，成都亿佰特电子科技有限公司

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

MECHANICAL DRAWING



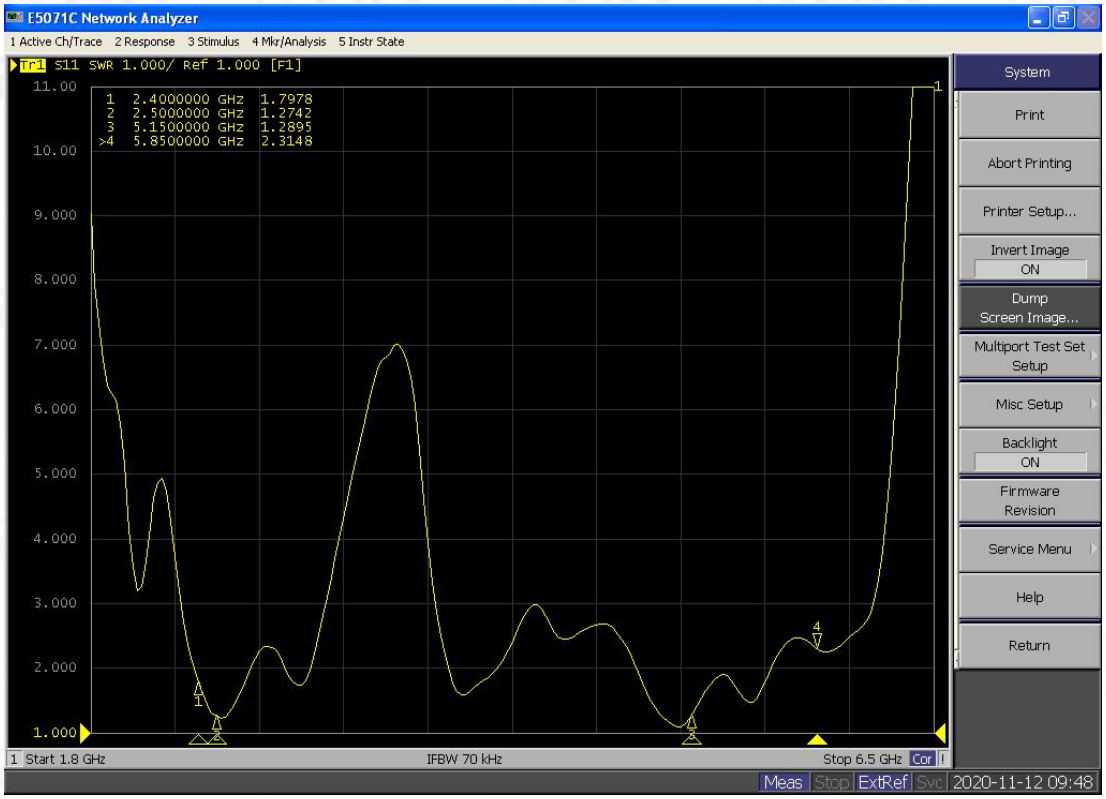
UNIT: mm

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

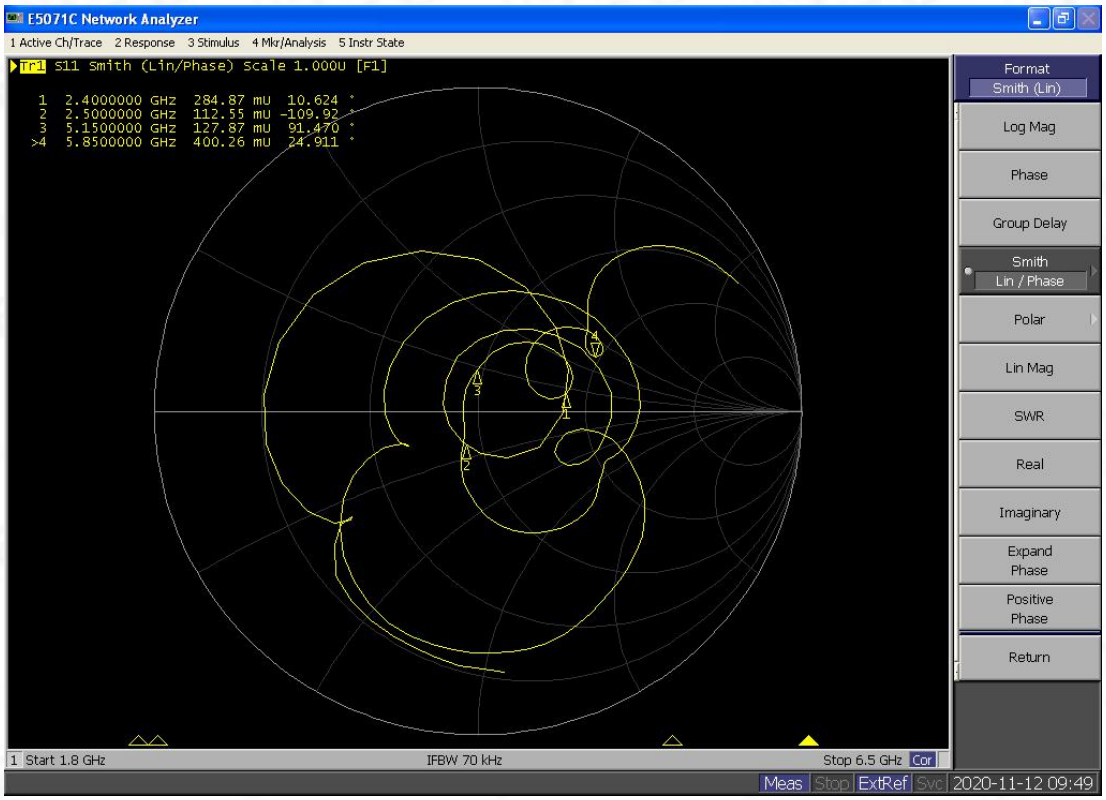
Copyright ©2012–2021，成都亿佰特电子科技有限公司

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

S.W.R.



SMITH



Copyright ©2012–2021，成都亿佰特电子科技有限公司

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

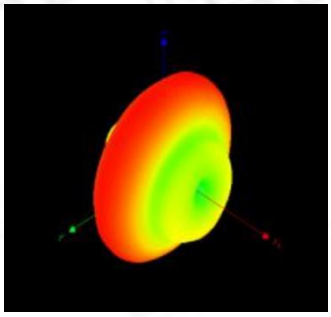
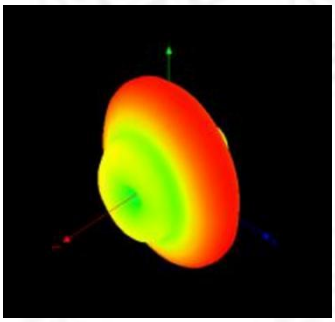
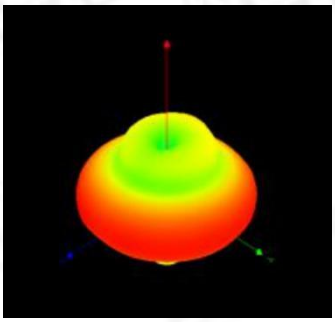
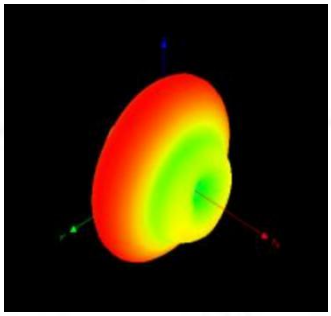
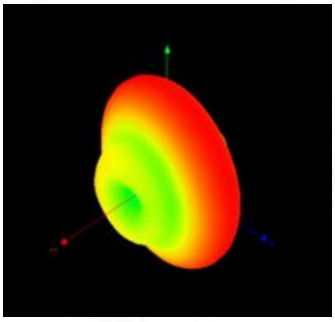
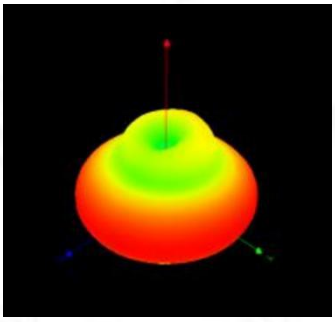
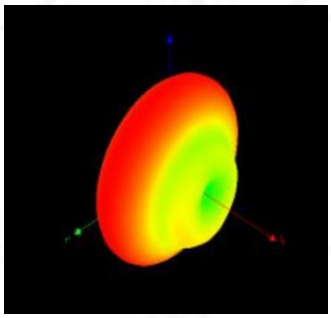
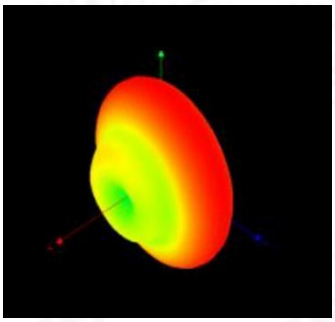
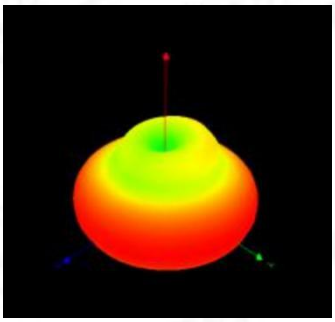
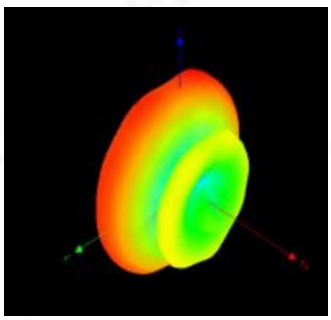
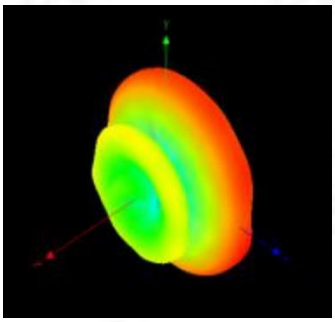
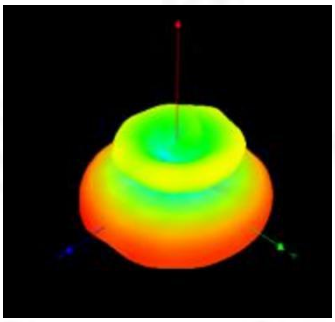
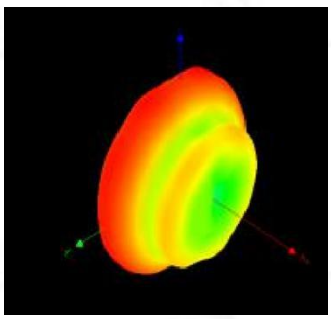
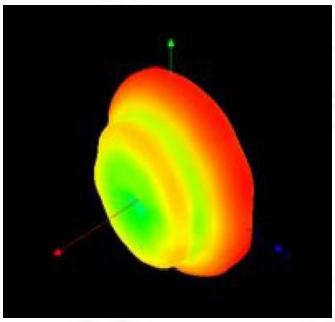
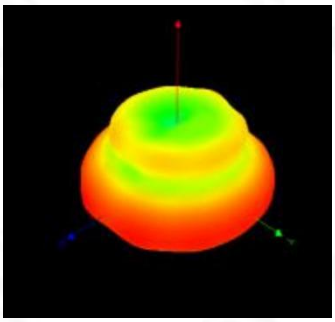
EFFICIENCY/GAIN TEST

No.	Frequency Hz	Efficiency %	Gain dBi
01	2400M	65.39	3.23
02	2410M	64.98	3.41
03	2420M	64.43	3.27
04	2430M	65.53	3.15
05	2440M	65.12	3.27
06	2450M	64.70	3.89
07	2460M	64.98	4.1
08	2470M	67.66	4.17
09	2480M	68.68	4.06
10	2490M	64.70	4.27
11	2500M	65.26	4.34
12	5130M	51.52	1.09
13	5160M	51.76	1.46
14	5190M	50.58	1.58
15	5220M	57.54	2.02
16	5250M	58.21	2.46
17	5280M	52.84	2.62
18	5310M	57.15	2.88
19	5340M	57.41	2.88
20	5370M	55.34	2.63
21	5400M	52.72	2.04
22	5430M	52.00	1.92
23	5460M	54.70	2.16
24	5490M	53.70	1.97
25	5520M	49.20	1.51
26	5550M	51.76	2.15
27	5580M	55.72	2.68
28	5610M	55.98	2.53
29	5640M	55.46	2.32
30	5670M	55.08	2.47
31	5700M	59.98	3.08
32	5730M	63.68	3.16
33	5760M	58.21	2.62
34	5790M	54.08	2.37
35	5820M	63.24	3.39
36	5850M	61.24	3.67

Copyright ©2012–2021，成都亿佰特电子科技有限公司

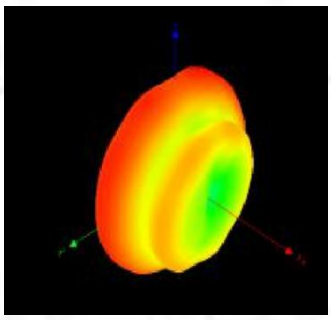
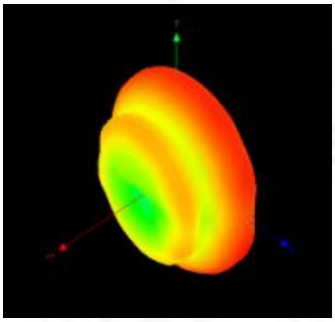
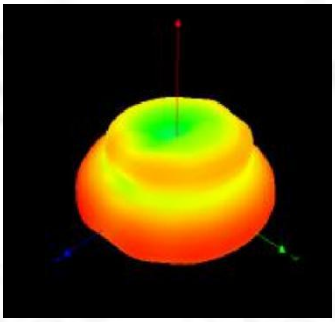
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

RADIATION PATTERN

2400MHz			
2450MHz			
2500MHz			
5150MHz			
5550MHz			

Copyright ©2012–2021，成都亿佰特电子科技有限公司

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

5850MHz			

About us

Technical support: support@cdebyte.com
Documents and RF Setting download link: www.ebyte.com
Thank you for using Ebyte products! Please contact us with any questions or suggestions: info@cdebyte.com
---
Fax: 028-64146160 ext. 821
Web: www.ebyte.com
Address: Innovation Center D347, 4# XI-XIN Road,Chengdu, Sichuan, China

Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright ©2012–2021，成都亿佰特电子科技有限公司

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000