

SPECIFICATION FOR APPROVAL

CUSTOMER Chengdu Accsoon Technology Co., LTD.

CUS. CODE

CUS. MODEL

HJ-Tech CODE 3D4001BK00-001

PRO. NAME External direct connection antenna

SPECIFICATION 2.5dBi wifi dual-band antenna

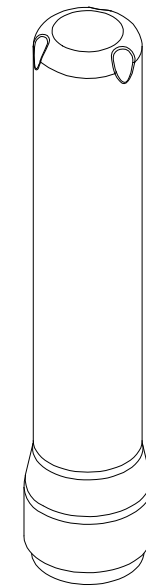
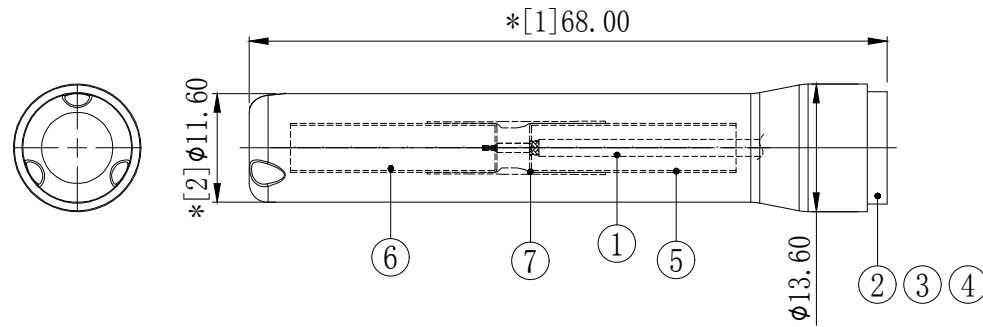
DESCRIPTION RG178 wire + SMA male and female pin, G40 black rod sleeve OD: 13.6*L68mm

DATE 2022/4/23

/ SUPPLIER		
PREPARED	CHECKER	APPROVER
S. He	何修明	

/ CUSTOMER		
TRANSCTOR	CHECKER	APPROVER

6	7	8
REVISION	DESCRIPTION	DATE
A0	FIRST RELEASE	22. 04. 23
		DRAFTER
		SQW



7	2TB050BK1-020	OD: 5.0*L20.0mm, 无卤阻燃, 超薄型热缩套管黑色	1	---
6	2YG099	铜管: OD5.2**0.8*L22.00mm, 双频信号铜管	1	---
5	2YG098	铜管: OD5.2**1.55*L22.00mm, 双频信号铜管	1	---
4	2SBKG4000	内六角短天线杆套, OD13.6*L68.0mm, TPEE, 黑色	1	---
3	2LC15PF804-5	SMA母针OD1.5*L6.2, 镀金	1	---
2	2LC15PM034-8	SMA公头, H8.00-L15.00mm, 主体镀镍	1	---
1	2C5R17811BN1	微细同轴电缆, RG178, 银锡线, 棕色	1	---
No.	PART NUMBER	PART NAME & DESCRIPTION	Q' TY	REMARKS

GENERAL TOLERANCE:

LINEAR:	
X	±2.00
X.X	±1.00
X.XX	±0.50
X.XXX	±0.30
ANGLE:	
X°	±4.00°
X.X°	±3.00°
X.XX°	±2.00°
X.XXX°	±1.00°

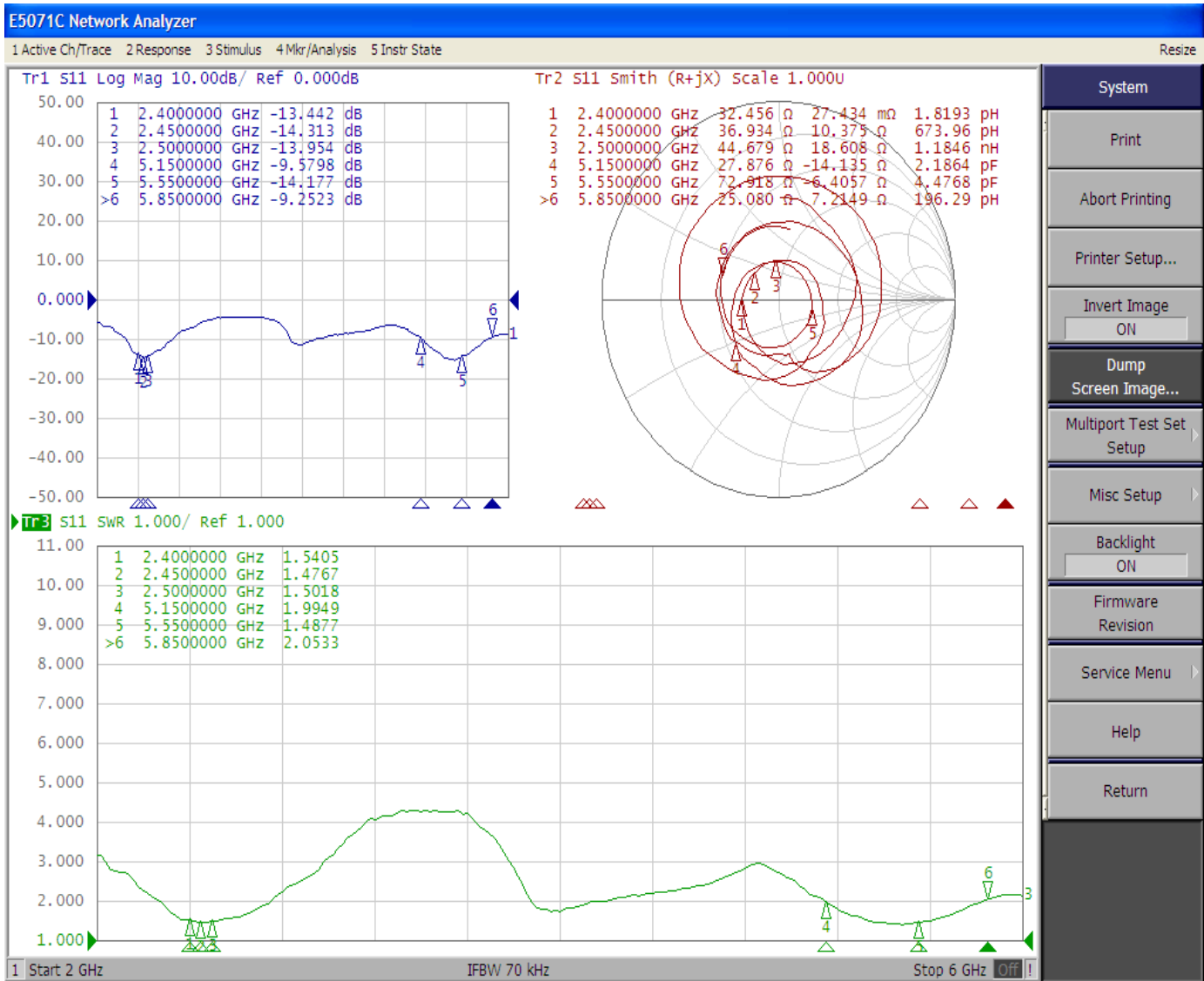
HJ-Tech 东莞市皇捷通讯科技有限公司	
FILE NAME: 产品图	TITLE: 射频天线组件
ENG/DATE: SQW/21.04.06	2Bi WiFi双频天线
CHE/DATE:	RG178线+SMA公头母针, G40黑色杆套OD:13.6*φ68mm
APP/DATE:	P/N: 3D4001BK00-001
UNIT: mm	SCALE: 1:1
	REVISION: A0
	SHEET: 1/1

H525

COMPLIANCE WITH THE REQUIREMENT: RoHS; HF; SONY SS-00259; OTHERS
*NO USING ESTRICED AND BANNED SUBSTANCE

1	2	3	4	5	6	7	8
A							
B							
C							
D							
E							
F							
G							
H							

DONGGUAN HUANGJIE COMMUNICATION TECHNOLOGY CO., LTD.



System

Print

Abort Printing

Printer Setup...

Invert Image

ON

Dump Screen Image...

Multiport Test Set Setup

Misc Setup

Backlight

ON

Firmware Revision

Service Menu

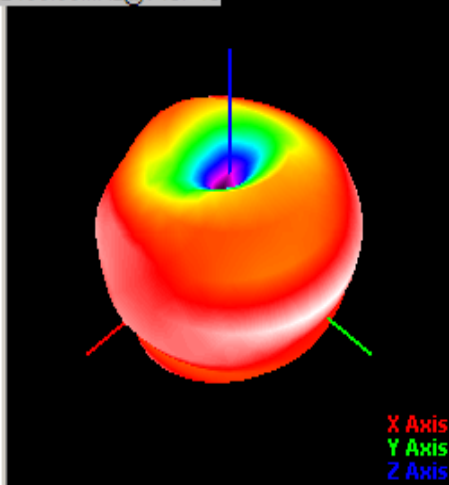
Help

Return

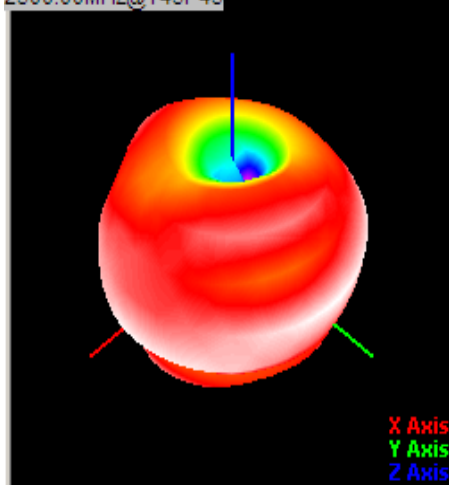
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Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5250.0	5350.0	5450.0	5550.0	5650.0	5750.0	5850.0
Point Values																			
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-1.95	-1.64	-1.58	-1.43	-1.59	-1.72	-1.68	-1.52	-1.69	-1.56	-1.35	-4.14	-3.39	-3.65	-3.99	-3.48	-4.19	-3.46	-4.19
Peak EIRP (dBm)	1.42	1.77	1.83	1.95	1.80	1.67	1.67	1.75	1.45	1.48	1.61	1.57	1.99	1.94	1.80	1.74	1.74	1.23	1.51
Directivity (dBi)	3.37	3.41	3.41	3.38	3.39	3.39	3.35	3.26	3.14	3.04	2.97	5.71	5.38	5.59	5.79	5.23	4.93	4.69	4.71
Efficiency (dB)	-1.95	-1.64	-1.58	-1.43	-1.59	-1.72	-1.68	-1.52	-1.69	-1.56	-1.35	-4.14	-3.39	-3.65	-3.99	-3.48	-4.19	-3.46	-4.19
Efficiency (%)	63.80	68.60	69.60	71.90	69.40	67.30	67.90	70.50	67.70	69.80	73.20	48.50	49.80	53.20	53.90	54.90	50.10	49.10	48.10

2400.00MHz@T45P45



2500.00MHz@T45P45



5550.00MHz@T45P45

