

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

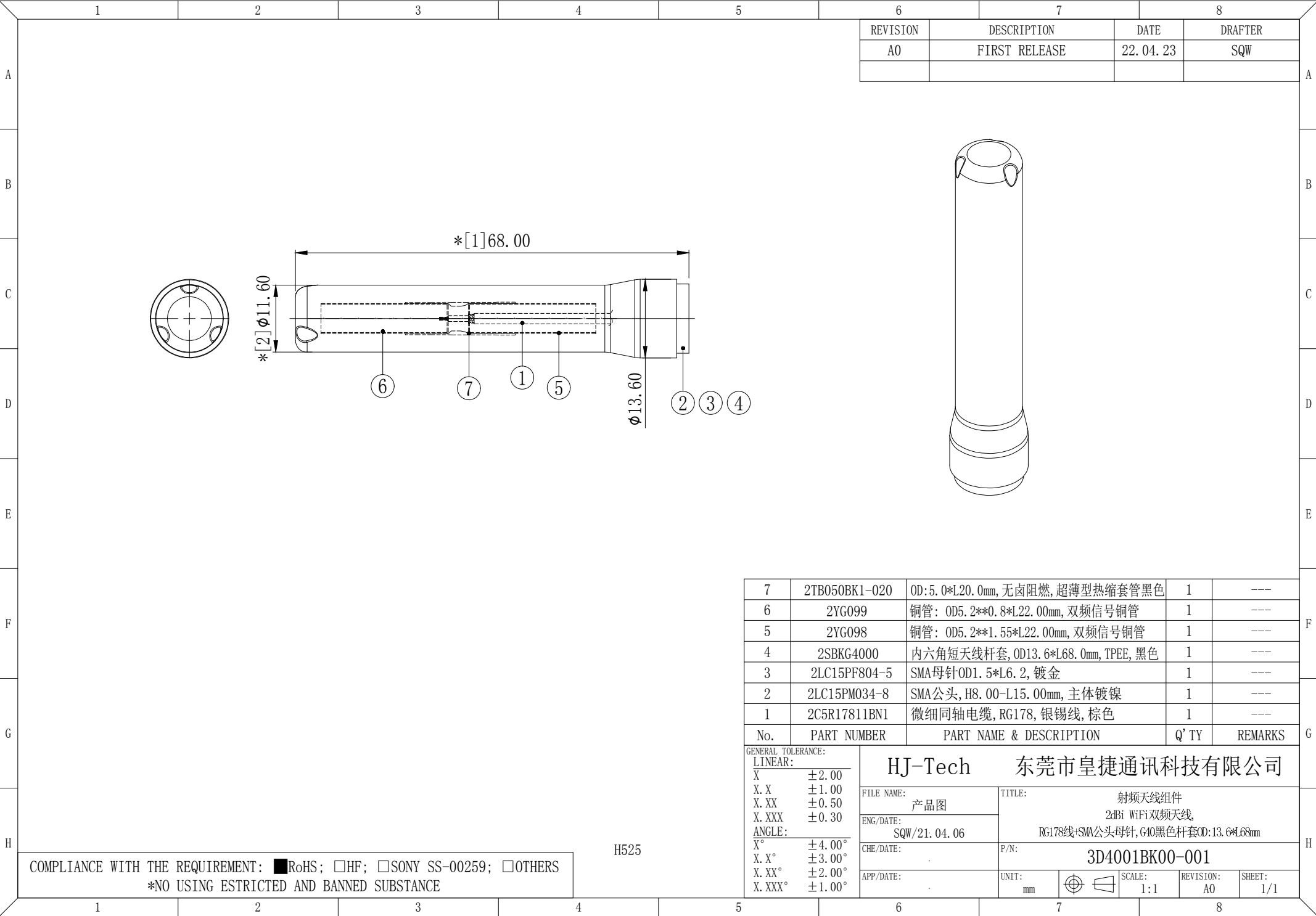
RG178 wire + SMA male and female pin, G40 black rod sleeve OD: 13.6*L68mm

DATE

2022/4/23

/ SUPPLIER		
PREPARED	CHECKER	APPROVER
S. He	何修明	

/ CUSTOMER		
TRANSCTOR	CHECKER	APPROVER



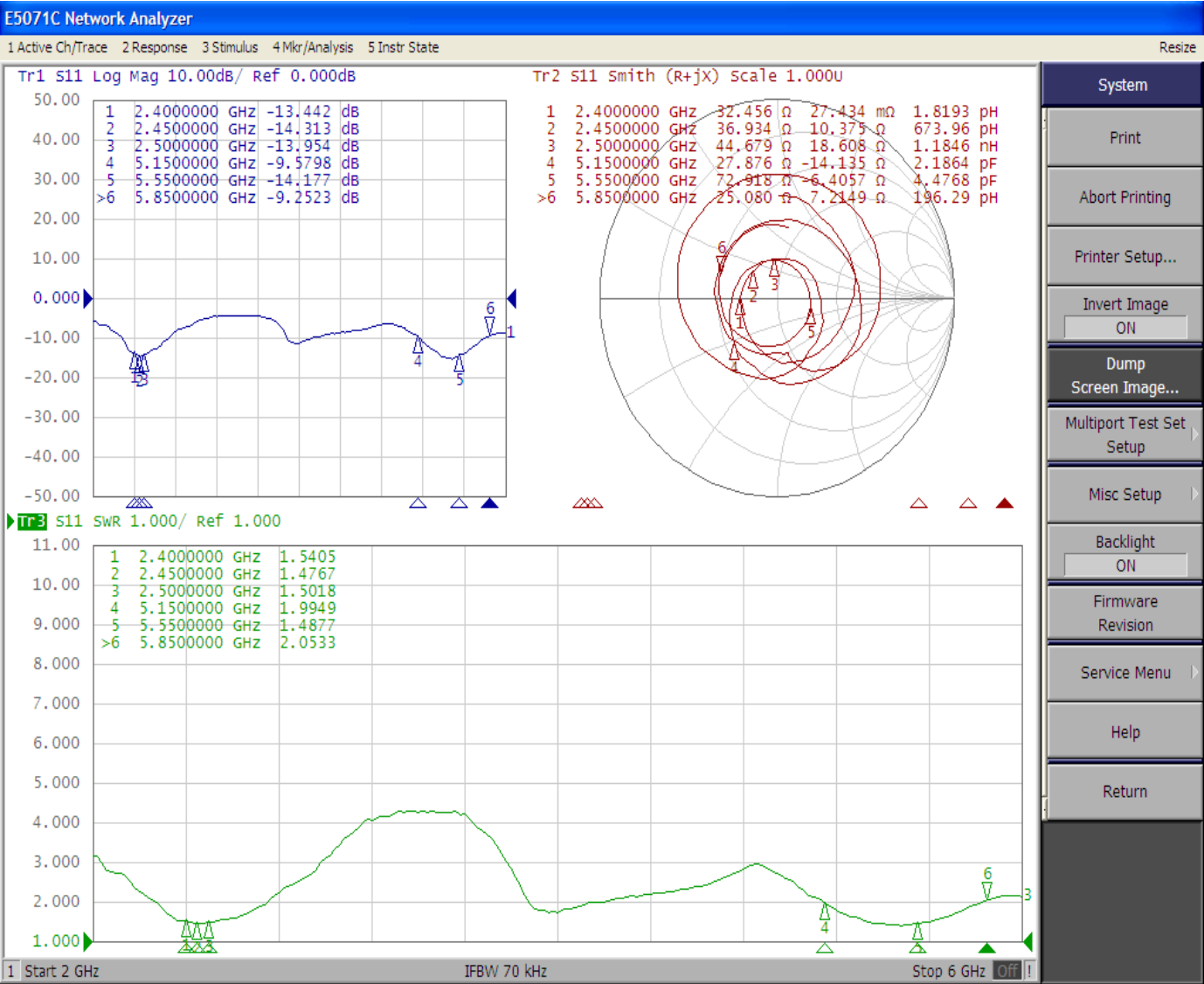
6		7		8	
REVISION		DESCRIPTION		DATE	DRAFTER
A0		FIRST RELEASE		22. 04. 23	SQW

7	2TB050BK1-020	OD:5.0* $\varnothing$ 20.0mm, 无卤阻燃, 超薄型热缩套管黑色	1	---
6	2YG099	铜管: OD5.2**0.8* $\varnothing$ 22.00mm, 双频信号铜管	1	---
5	2YG098	铜管: OD5.2**1.55* $\varnothing$ 22.00mm, 双频信号铜管	1	---
4	2SBKG4000	内六角短天线杆套, OD13.6* $\varnothing$ 68.0mm, TPEE, 黑色	1	---
3	2LC15PF804-5	SMA母针OD1.5* $\varnothing$ 6.2, 镀金	1	---
2	2LC15PM034-8	SMA公头, H8.00- $\varnothing$ 15.00mm, 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		2dBi WiFi双频天线, RG178线+SMA公头母针, G40黑色杆套OD:13.6*L68mm			
CHE/DATE: .		P/N: 3D4001BK00-001			
APP/DATE: .		UNIT: mm		SCALE: 1:1	REVISION: A0
					SHEET: 1/1

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

H525



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

