



深圳市志远通讯科技有限公司

Shenzhen Ambitele Communication Technology Co.,Ltd.

规格书承认书 SPECIFICATION FOR APPROVAL

客 户
C U S T O M E R : 技诺智能

客 户 料 号
C U S T O M E R P / N : 32X10-150

品 名
P A R T N A M E : WiFi Antenna

供 方 料 号
A M B I T E L E P / N : AB0002AA

日 期
D A T E : 2023-07-17



供方确认 APPROVED SIGNATURES		客户确认 CUSTOMER APPROVED BY	
CHECKED BY	APPROVED BY	CHECKED BY	APPROVED BY
Ethan	Darren		



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Shenzhen Ambitele Communication Technology Co.,Ltd.

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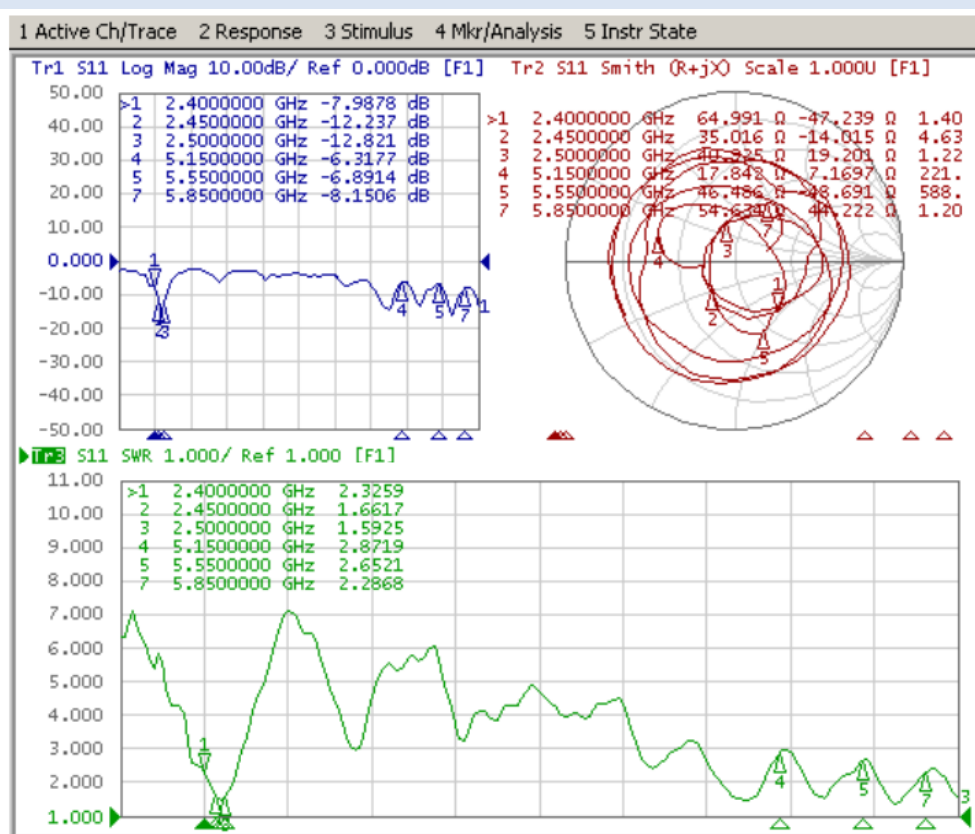
1. Electrical specifications

Frequency (MHz)	2.4-2.5GHz/5.15-5.85GHz
V. S. W. R	Max 3.0
Peak Gain (dBi)	-1.2 dBi@2.4-2.5GHz/2.0 dBi@5.15-5.85GHz
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-directional
Max. Input Power (W)	15

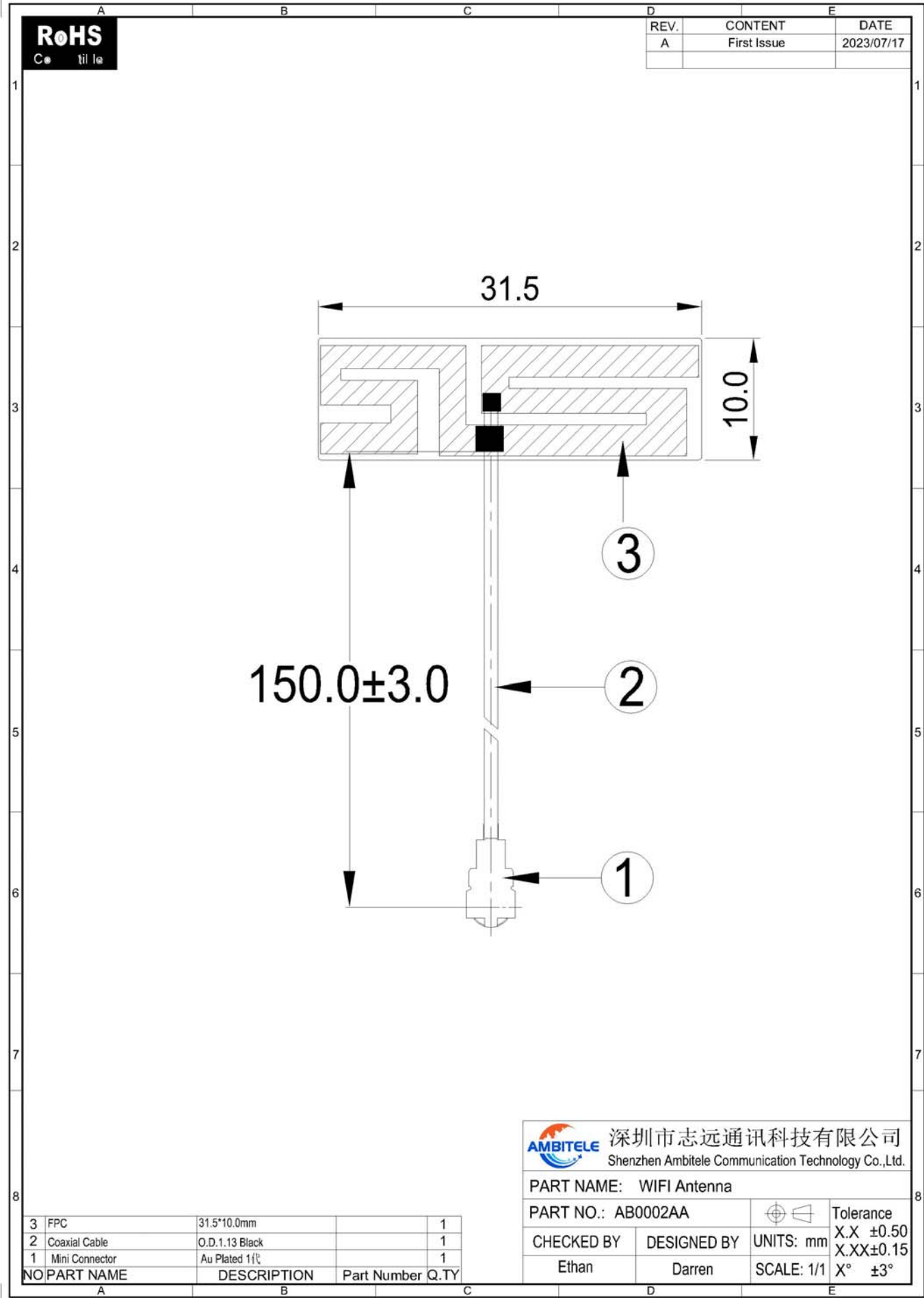
2. Mechanical and environmental specifications

Connector	IpeX 1
Cable Type	1.13
Dimensions (mm)	31.5*10.0
Material	FPC
Operating Temp	-40 ~ +85 ℃
Storage Temp/Humidity	25±5℃ / <70%

3. S Parameter Test



4. Drawing



5.Passive Test

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	23.5	-6.28	-3.1
2410	25.4	-5.95	-2.9
2420	26.1	-5.8	-2.8
2430	25	-6	-2.6
2440	24.1	-6.17	-2.4
2450	24.3	-6.14	-2.2
2460	24.9	-6.03	-2.3
2470	25.5	-5.9	-2.2
2480	25.8	-5.8	-2.2
2490	27	-5.6	-2
2500	30.2	-5.1	-1.2
5150	30.5	-5.1	-0.9
5200	29	-5.37	-0.8
5250	27.6	-5.5	-0.8
5300	31.5	-5.01	-0.4
5350	35.7	-4.47	0.7
5400	45.5	-3.41	1.5
5450	47	-3.27	1.3
5500	44	-3.5	0.9
5550	43.58	-3.6	0.6
5600	45.6	-3.4	1
5650	42.4	-3.7	2
5700	42.5	-3.7	0.8
5750	41.7	-3.79	0.6
5800	41.6	-3.8	0.5
5850	40.85	-3.8	0.4
END			