

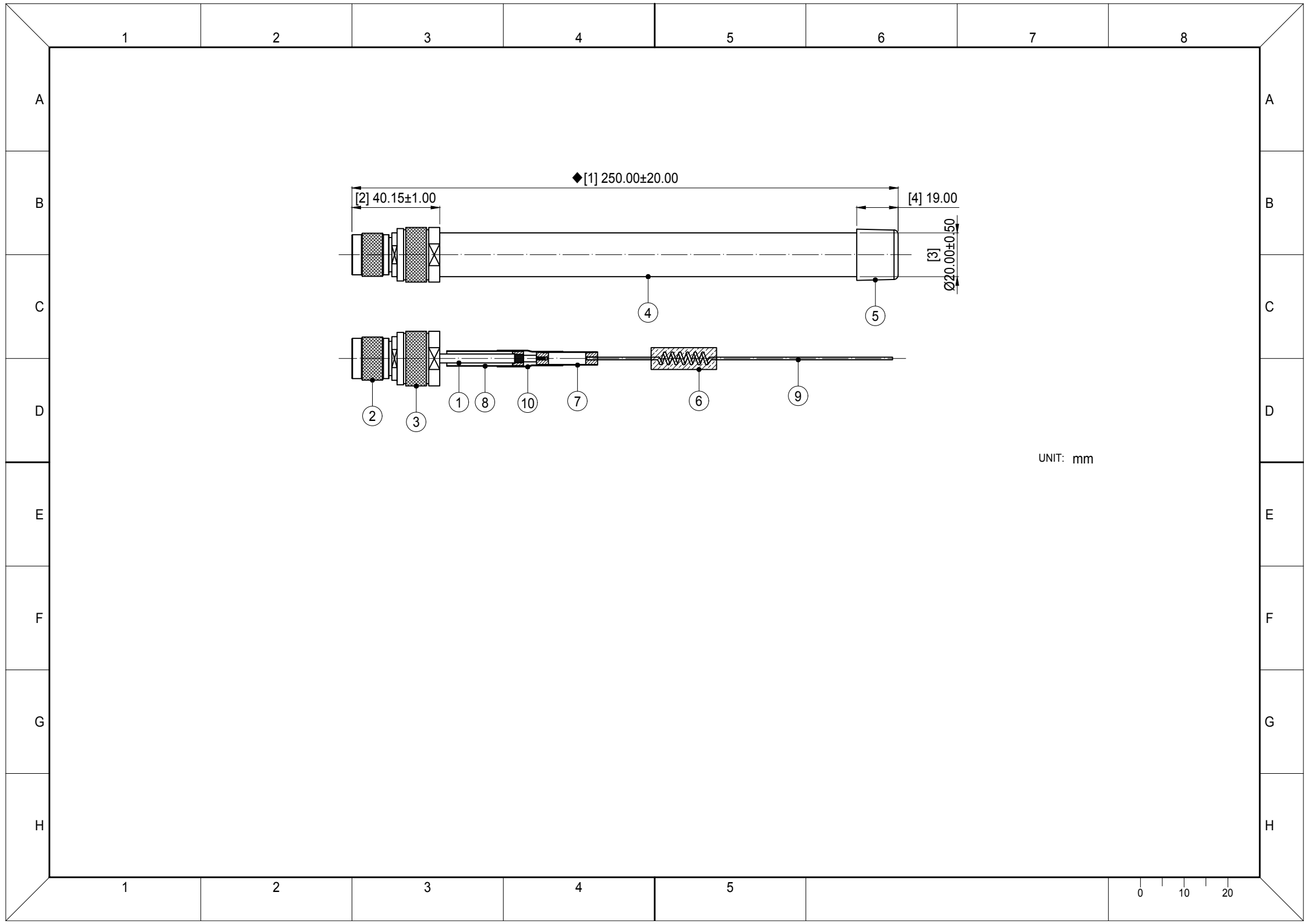


东莞市皇捷通讯科技有限公司

DONGGUAN HUANG JIE COMMUNICATION TECHNOLOGY CO., LTD.

1.9G antenna [3E0702BK-011](#)

天线型号 Model NO	3E0702BK-011
电气参数 Electric Spec	
频率范围 Frequency rang-MHz	1880-1930MHz
增益 Gain -dBi	3.69~4.05 DBI
驻波比 VSWR	1850-1950MHz ≤ 2.0
特 阻抗 Impedance- Ω	50
机械参数 Mechanical Specification	
天线尺寸 Size -mm	250*20mm
天线重量 Antenna weight-kg	/
工作温度 Working Temperature - $^{\circ}$ c	-40~60

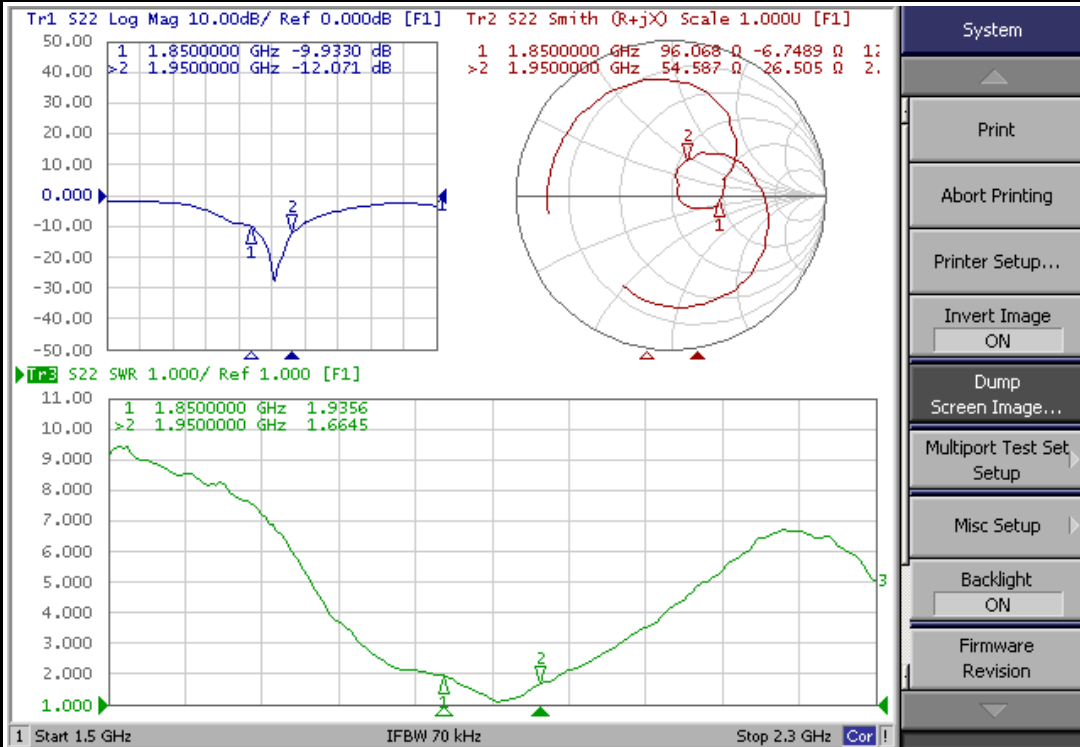




天线电气特性测试报告

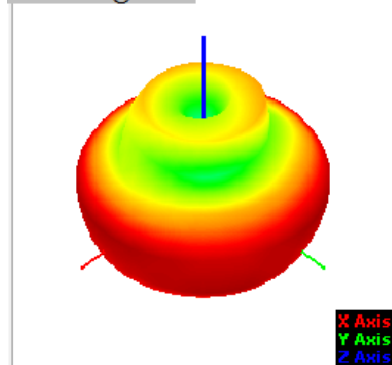
Antenna Electrical Characteristic Test Report

产品料号 Part Number:	3E0702BK-011	测试项目 Item	规格 Spec	结果判定 Judge
产品名称 Part Name:	1.9G antenna	Characteristic impedance 特性阻抗	50Ω	/
测试设备 Test Equipment	Network analyzer/microwave darkroom	1880-1930MHz VSWR	2.0 Max	OK
数量 Quantity	3 pcs			
测试日期 Test Date	2024/01/23	Gain 增益	3.69~4.05dBi	OK



Frequency ID	1	2	3	4	5	6
Frequency (MHz)	1880.0	1890.0	1900.0	1910.0	1920.0	1930.0
Point Values						
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-1.93	-1.90	-1.69	-2.10	-2.08	-2.35
Peak EIRP (dBm)	3.89	3.90	4.05	3.91	3.77	3.69
Directivity (dBi)	5.42	5.50	5.53	5.48	5.45	5.55
Efficiency (dB)	-1.53	-1.50	-1.59	-1.60	-1.58	-1.55
Efficiency (%)	68.10	70.60	67.70	67.60	67.90	65.20
Gain (dBi)	3.89	3.90	4.05	3.91	3.77	3.69

1900.00MHz@T45P45



1930.00MHz@T45P45

