



东莞市皇捷通讯科技有限公司

DONGGUAN HUANG JIE COMMUNICATION TECHNOLOGY CO., LTD.

1.9G FRP 1.9G antenna 3E0702BK-011

characteristic:

- Exquisite appearance
- Work 24/7
- Optimized size
- High gain, low standing wave

Model NO	3E0702BK-011
Electric Spec	
Frequency rang-MHz	1880-1930MHz
Bandwidth -MHz	See waveform diagram for details
Gain -dBi	3.69~4.05 DBI
VSWR	1850-1950MHz ≤ 2.0
Impedance- Ω	50
Connector model	RP-N PLUG
CABLE Spec	RG141 Cable or others
Mechanical Specification	
Size -mm	254*20mm
Antenna weight-kg	/
Working Temperature - $^{\circ}$ c	-40~60
Radome color	Matte black

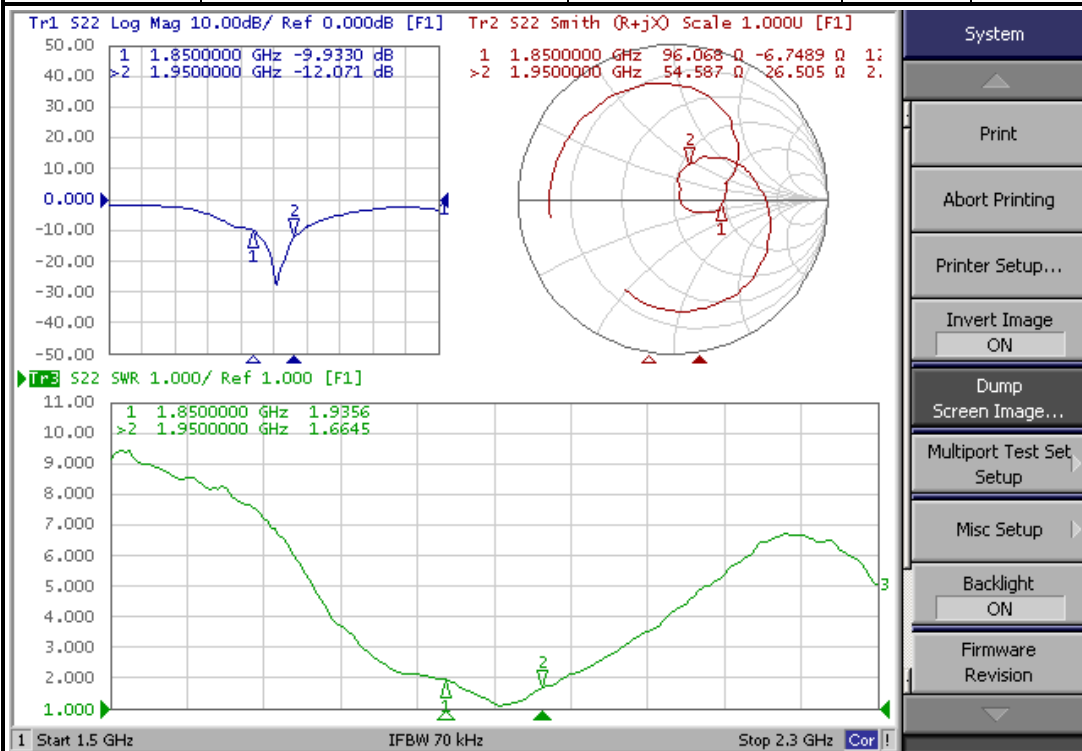
Factory Address: No. 3 Taihe Road, Daxiandi Industrial Zone, Quantang Village,
Liaobu Town, Dongguan City



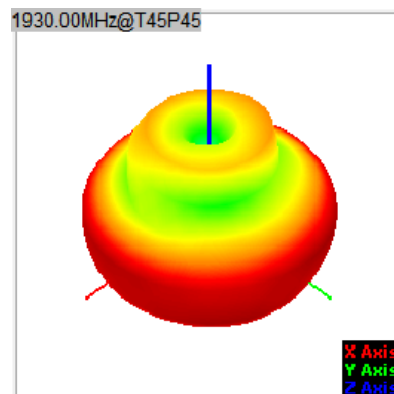
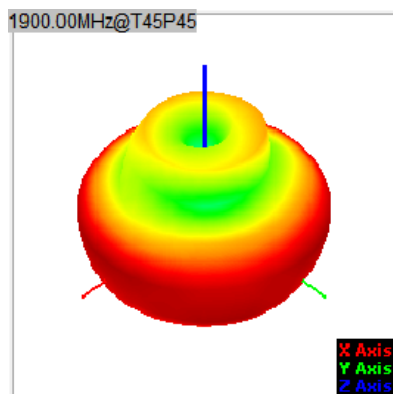
天线电气特性测试报告

Antenna Electrical Characteristic Test Report

Part Number:	3E0702BK-011	Item	Spec	Judge
Part Name:	1.9G FRP	Characteristic impedance	50Ω	/
Test Equipment	Network analyzer/ microwave darkroom	1880-1930MHz VSWR	2.0 Max	OK
Quantity	3 pcs			
Test Date	2024/04/23	Gain	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
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



Checker: he xiu ming

Tester: Mark