

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: GO-ON TECHNOLOGY LIMITED

Product Name: 900MHz Antenna

Model: TX-50RF

Report No.: SSP23040112A

Tested Date: 2023-04-11

Issued Date: 2023-04-12

Tested By: William Liu (Engineer)

William Liu
Lahm Peng

Approved By: Lahm Peng (Manager)

Prepared By:

Shenzhen ZRLK Testing Technology Co., Ltd.

1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street,
Guangming New District, Shenzhen City, Guangdong Province, China

Tel.: +86-755-33019599 Fax.: +86-755-33019599 Website: www.zrlklab.com

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permission by Shenzhen ZRLK Testing Technology Co., Ltd.

1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	GO-ON TECHNOLOGY LIMITED
Address of Manufacturer:	9/F, Taohuayuan Science and Technology Innovation Park, Tangtou Avenue, Bao'an District, Shenzhen, China

General Description of Antenna	
Product Name:	900MHz Antenna
Model No.:	TX-50RF
Frequency Range:	900-930MHz
Type of Antenna:	FPCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm

Antenna View (200mm*10mm)



1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.
All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
902.5MHz	0	Horizontal
902.5MHz	-0.34	Vertical
915MHz	-1.1	Horizontal
915MHz	-1.3	Vertical
927.5MHz	-1.77	Horizontal
927.5MHz	-1.93	Vertical

2.2 Radiation Pattern View

