

# Antenna Test Report

**Report No.** : SSP24060114-2A

**Manufacturer** : TOGETHER NICER LIMITED

**Product Name** : 2.4GHz Antenna

**Model Name** : G1EX

**Test Standard** : IEEE 149-1979

**Tested Date** : 2024-06-15

**Issued Date** : 2024-06-15

**Tested By** : *William Liu* William Liu(Engineer)

**Approved By** : *Lahm Peng* Lahm Peng (Manager)



**Shenzhen CCUT Quality Technology Co., Ltd.**

1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen,  
Guangdong, China; (Tel.:+86-755-23406590 website: www.ccuttest.com)

This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.

# 1. General Information

## 1.1 Product Information

Manufacturer:	TOGETHER NICER LIMITED
Address of Manufacturer:	Room 13, 27th Floor, Hoing, commenci dl Center,2-16 Garden Street, Mongkok, Kowloon, Hongkong
Product Name:	2.4GHz Antenna
Model Name:	G1EX
Frequency Range:	2402MHz - 2480MHz
Type of Antenna:	FPC Antenna
Antenna Gain:	3.22dBi (Max.)
Impedance:	50 ohm
Antenna View:	<p style="text-align: center;">Length * Width (20mm * 3mm)</p> 

## 1.2 Test Facilities

Laboratory Name:	<p><b>Shenzhen CCUT Quality Technology Co., Ltd.</b>                  1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China</p>
<p>All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China.</p>	

### 1.3 List of Measurement Instruments

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Horn Antenna	SCHWARZBECK	BBHA 9120D	02553	2023-08-05	2024-08-04
Spectrum Analyzer	KEYSIGHT	N9020A	MY48030972	2023-07-31	2024-07-30
Amplifier	Agilent	8449B	3008A01520	2023-07-31	2024-07-30
Vector Network Analyzer	Agilent	E5071B	MY42404001	2023-07-31	2024-07-30

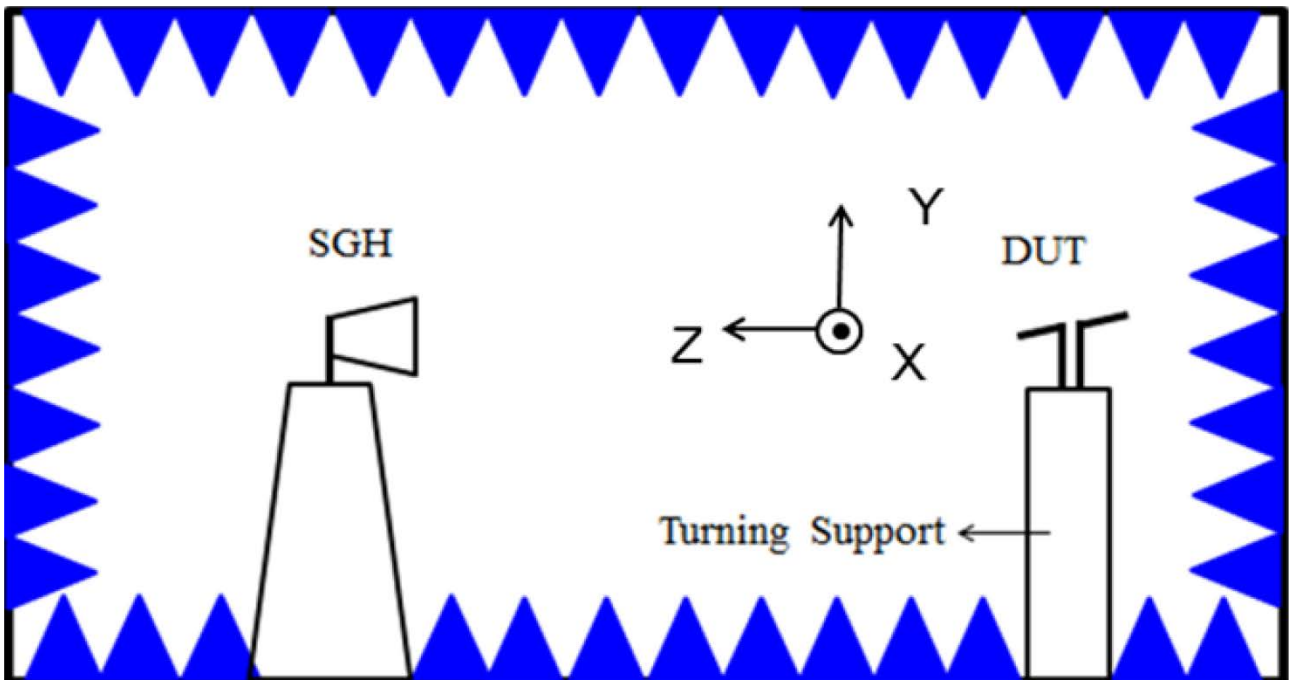
### 1.4 Measurement Uncertainty

Parameter	Conditions	Uncertainty
Radiated Emissions Power	100MHz ~ 6GHz	±3.38 dB

### 1.5 Test Methodology

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

### 1.6 Test Setup

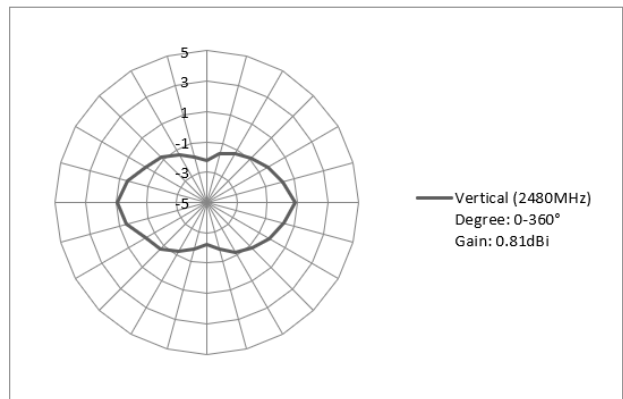
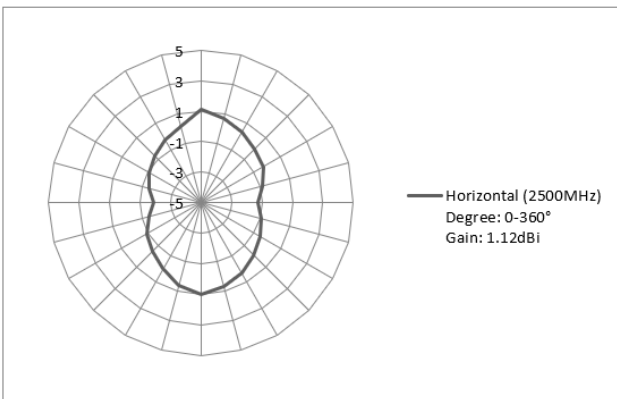
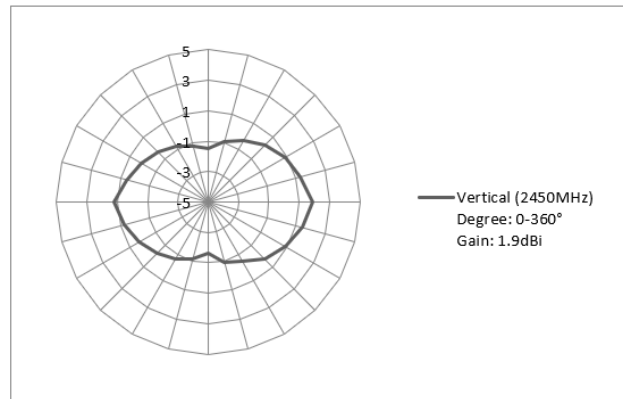
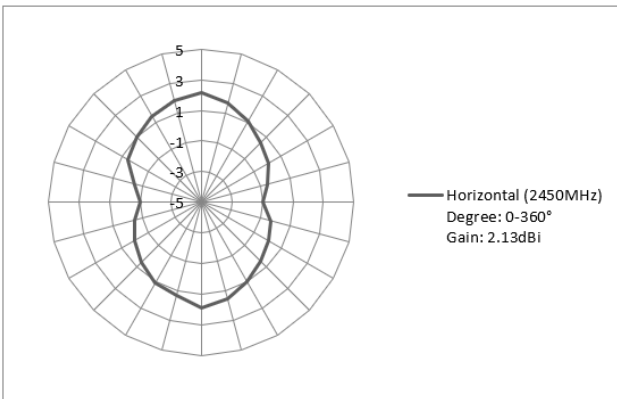
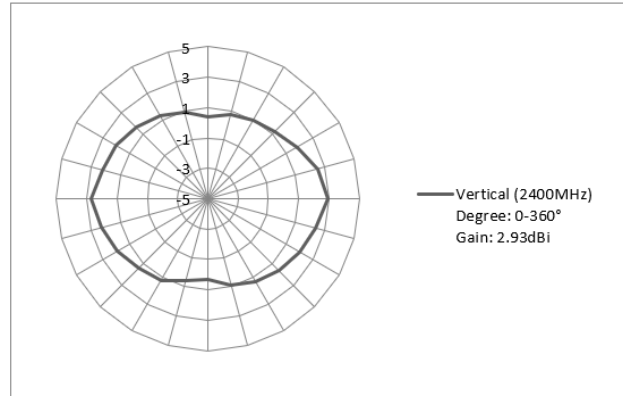
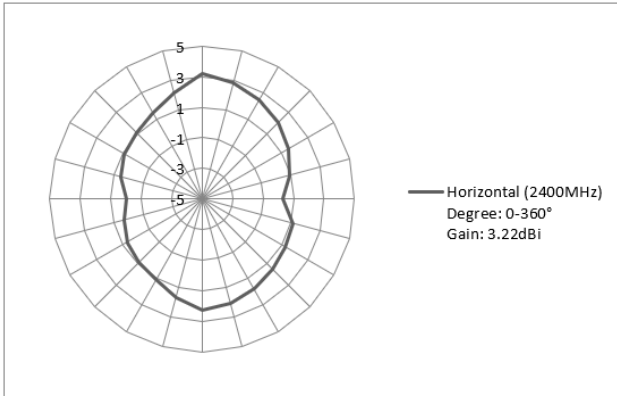


## 2. OTA Test

### 2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2400MHz	3.22	Horizontal
2400MHz	2.93	Vertical
2450MHz	2.13	Horizontal
2450MHz	1.9	Vertical
2500MHz	1.12	Horizontal
2500MHz	0.81	Vertical

### 2.2 Radiation Pattern View



\*\*\*\*\* END OF REPORT \*\*\*\*\*