

Antenna Test Report

Report No. : SSP24040095-2A

Manufacturer : Dongguan Meishang Hardware Plastic Products Co., Ltd

Product Name : 433.92MHz Antenna

Model Name : MS RGB60-1080

Test Standard : IEEE 149-1979

Tested Date : 2024-04-7

Issued Date : 2024-04-8

Tested By : William Liu William Liu(Engineer)

Approved By : Lahm Peng Lahm Peng (Manager)



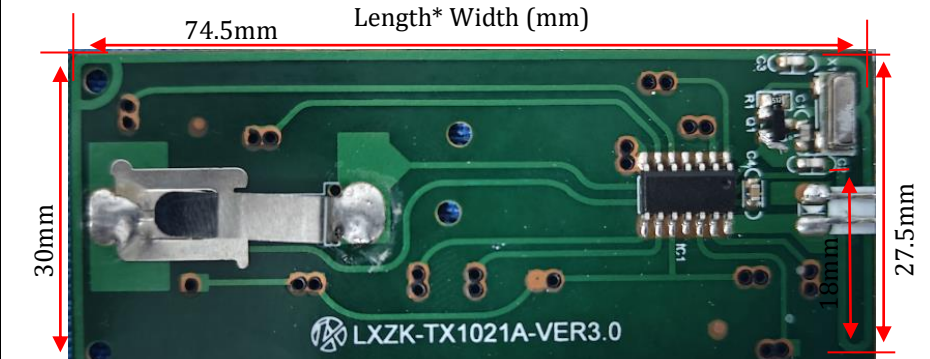
Shenzhen CCUT Quality Technology Co., Ltd.

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Guangdong, China; (Tel.:+86-755-23406590 website: www.ccuttest.com)

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1. General Information

1.1 Product Information

Manufacturer:	Dongguan Meishang Hardware Plastic Products Co., Ltd
Address of Manufacturer:	NO.17, Xiahuan East Road, Shuanggang, Houjie Town, Dongguan City, Guangdong Province, China
Product Name:	433.92MHz Antenna
Model Name:	MS RGB60-1080
Frequency Range:	433.92MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View:	 <p>74.5mm Length* Width (mm) 30mm 27.5mm 18mm LXZK-TX1021A-VER3.0</p>

1.2 Test Facilities

Laboratory Name:	<p>Shenzhen CCUT Quality Technology Co., Ltd. 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

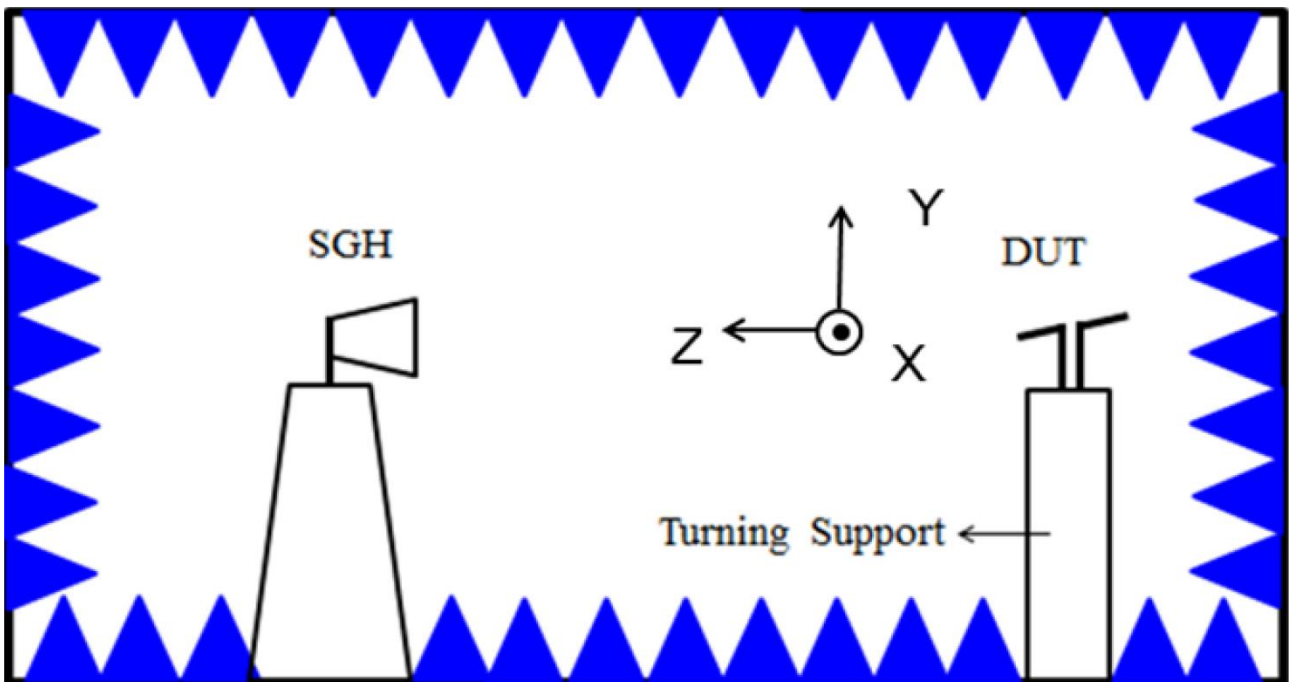
1.4 Measurement Uncertainty

Parameter	Conditions	Uncertainty
Radiated Emissions	1Hz ~ 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

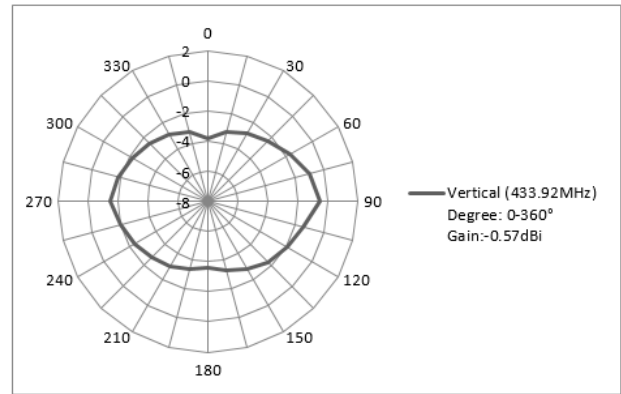
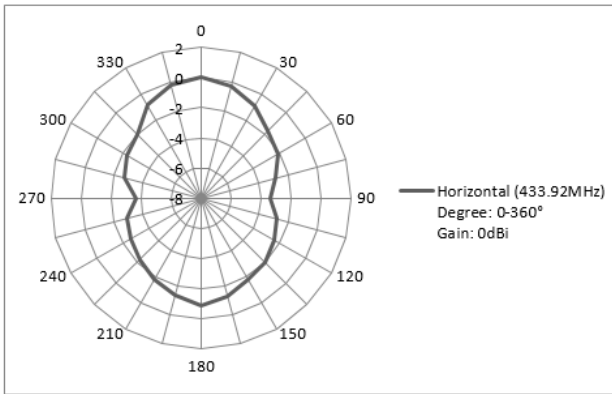


2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
433.92MHz	0	Horizontal
433.92MHz	-0.57	Vertical

2.2 Radiation Pattern View



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