

Antenna Report

Product Name: KB-995

Manufacture: Dingnan Jinpeng Electronic Co., LTD

Address: Jinpeng Industrial Park, Futian Industrial Park, Dingnan County,
Ganzhou City, Jiangxi Province

Antenna Type: PCB antenna

Antenna Size:13.8mm*3mm

Project Engineer: Issac

Test Standards: ANSI/IEEE Std 149-2021

Test software being used: Emquest

Software Version:1.13

Test Result: PASS

Issued Date: 2024-09-30

Name	Parameter	Method	Standard no.
Antenna performance	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149- 2021

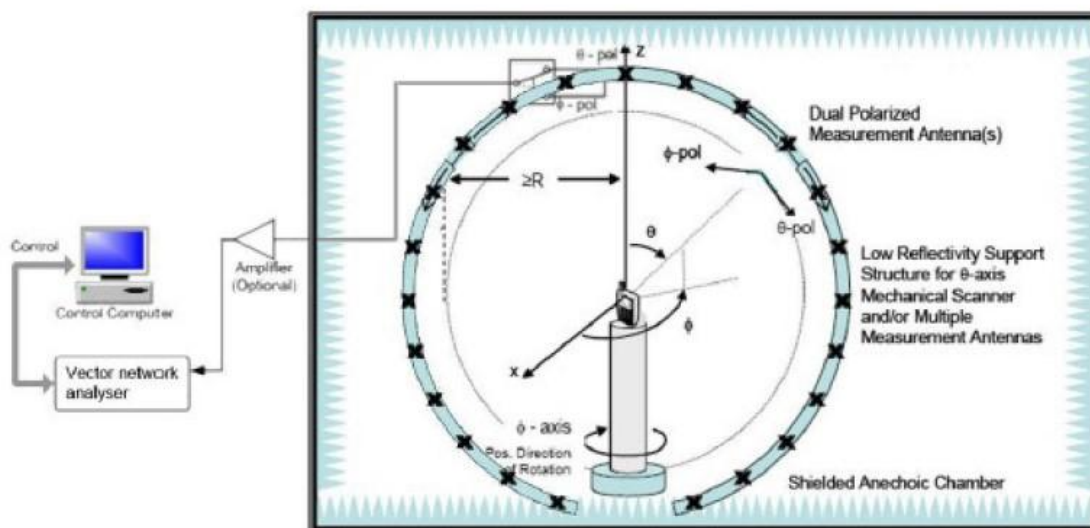
Equipment	Manufacturer	Mode No	Serial No	Cal date	Cal Due
Network Analyzer	Agilent	E5071B	MY48360957	2021/5/20	2022/5/19
Quad-Ridge Horn Antenna	ETS	Apr-64	62743	2021/5/20	2022/5/19
700 MHz-6 GHz MAPS Controller	ETS	7006	59957	2021/12/17	2022/12/16
Switch Control System	ETS	7001	MY42001152	2021/12/17	2022/12/16

2 Test Temperature and Humidity

Temperature: 23.2°C

Humidity: 65%

Test Setup



Name	Shenzhen RFI-LAB Communication Technology Co.,Ltd.
Address	10/F A, Lingyun Bld, Liufang Rd, Baoan District, SZ
Tel	13682621346
E-mail	rfi-lab@tech-now.com

Antenna Report

Specifications

Summary

ITEM

SPEC

Model Name : KB-995

Center Frequency 2402MHz -2.22dBi

2440MHz -1.73dBi

2480MHz -1.66dBi

MAX. GAIN

-1.66 dBi

Polarization

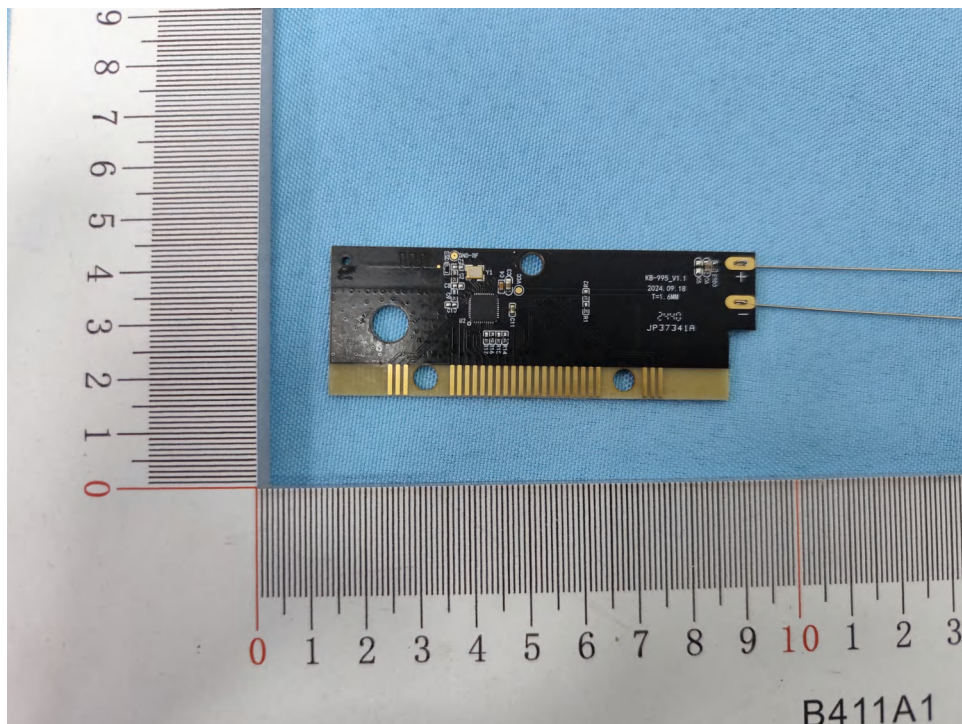
Horizontal

Azimuth Beam Pattern

Omni directional

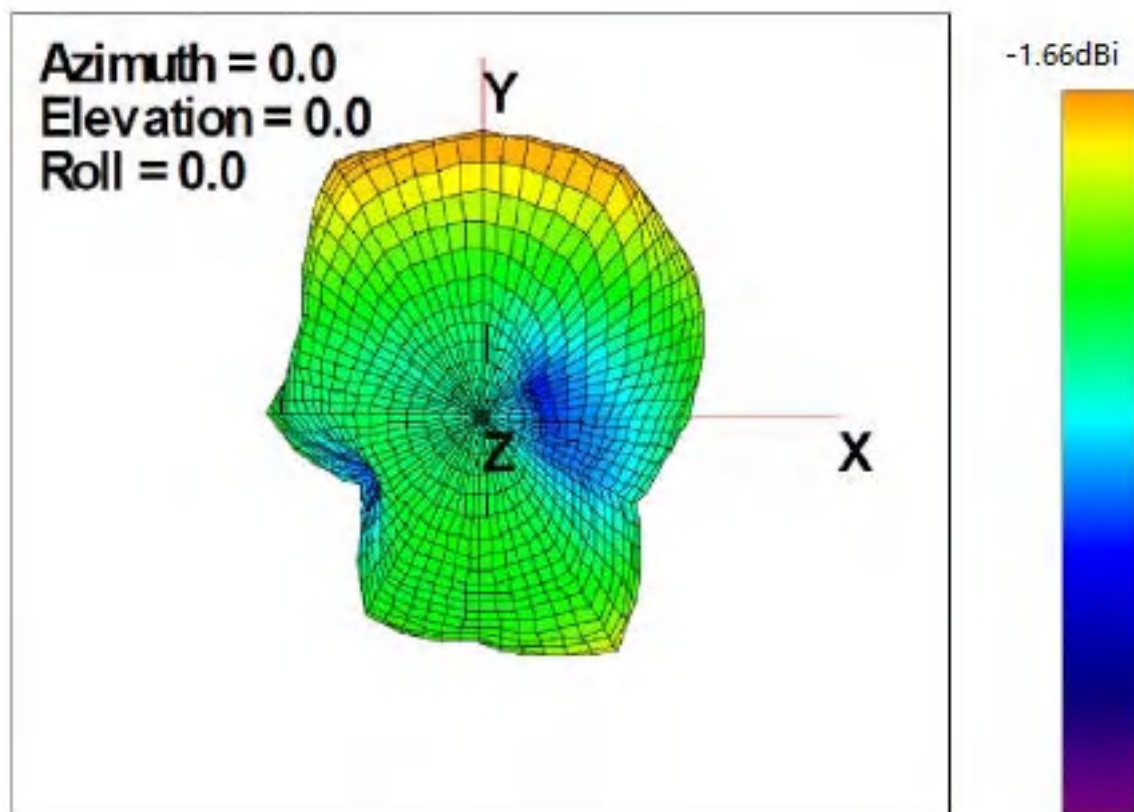
Impedance

50Ω



1. Main antenna : 2480MHz

1 . 1 H o r i z o n t a l



Frequency (MHz): 2480 Antenna Polarity: Horizontal

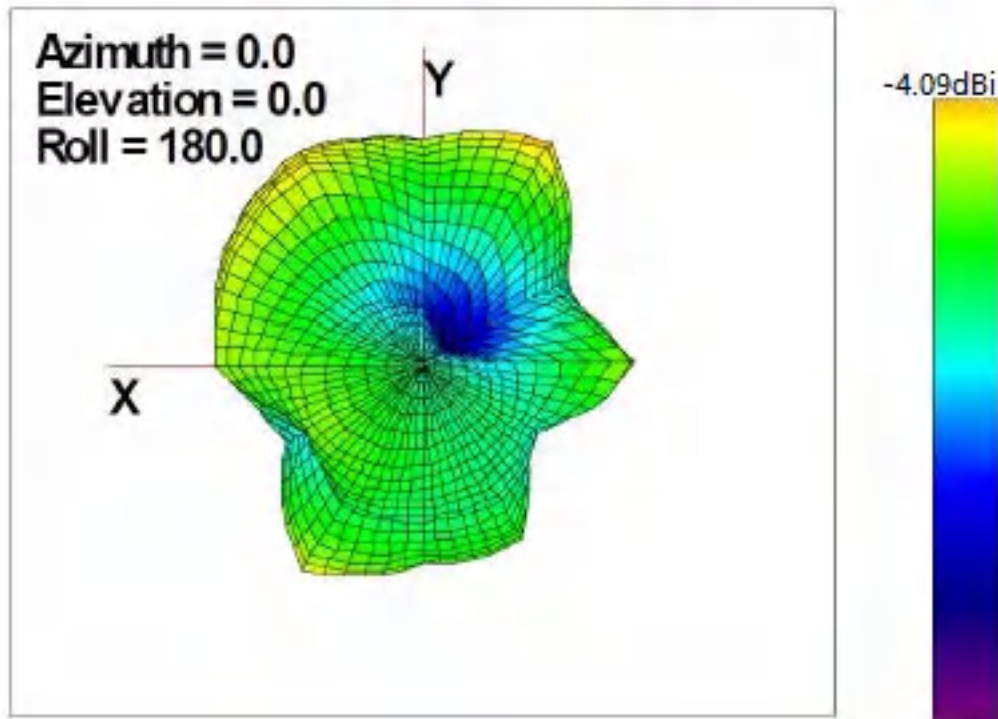
Maximum Value (dBi): -1.66

Average Gain (dBi) : - 9.77

Minimum Gain (dBi):-30.67

1.2.Vertical

Total EIRP, Bottom View



Frequency (MHz): 2402 Antenna Polarity: Vertical

Maximum Value (dBi): -4.09

Average Gain (dBi): -13.51

Minimum Gain dBi: -24.18