



Report No.: DGATBL2504017

OTA TEST REPORT

Client Information:

Applicant.....: KeCui Technology (Zhongshan) Co., Ltd
Address add.....: 5th Floor, No. 36 Fuding Street, Tiebian Village, Henglan Town, Zhongshan City
Product Name.....: 2.4G remote control
Model Name.....: KL-005
Date of Test.....: 18 Apr. 2025
Date of Issue.....: 18 Apr. 2025

Report Prepared by :

Menglong Huang

(Menglong Huang)

Report Approved by :

Leo Li

(Leo Li)

Dongguan ATBL Technology Co., Ltd." hereby certifies that the test results described in the company's standard test site test report and the structure of the test equipment are recorded in detail based on the actual test situation. The test results of this report are only applicable to the above-mentioned tested prototypes and the equipment described in the report. This report is not allowed to be copied without the written consent of Shanghai ATBL Technology Co.,

Ltd.;dongguan ATBL Technology Co., Ltd.

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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	18 Apr 2025	DGATBL2504017	ALL	Initial Issue

1. Device list

Equipment	Manufacturer	Model	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	Nov 10, 2024	Nov 09, 2025
CMW500	R&S	CMW500	Nov 10, 2024	Nov 09, 2025
Network Analyzer	AGILENT	E5071C	Nov 10, 2024	Nov 09, 2025
Frequency Spectrograph	AGILENT	N9020A	Nov 10, 2024	Nov 09, 2025

4. Results Summary

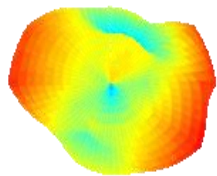
Overview

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	13.02	-8.85	-2.05	6.80
2410	12.91	-8.89	-1.97	6.92
2420	12.22	-9.13	-2.30	6.83
2430	11.65	-9.34	-2.46	6.88
2440	11.32	-9.46	-2.50	6.96
2450	10.62	-9.74	-2.83	6.91
2460	10.24	-9.90	-2.89	7.01
2470	10.05	-9.98	-2.98	7.00
2480	9.39	-10.27	-3.30	6.97
2490	8.63	-10.64	-3.50	7.14
2500	8.97	-10.47	-3.33	7.14

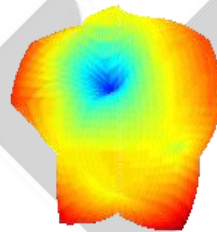
5. Radiation Pattern/Efficiency

2.40GHz

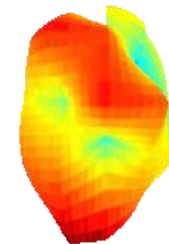
Fre:2.4GHz _H



Fre:2.4GHz _E1

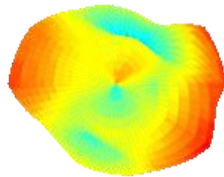


Fre:2.4GHz _E2

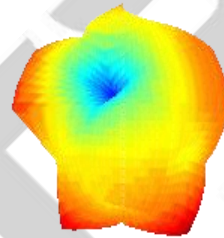


2.41GHz

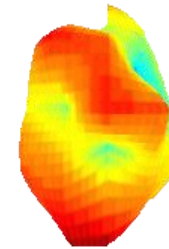
Fre:2.41GHz _ H



Fre:2.41GHz _ E1

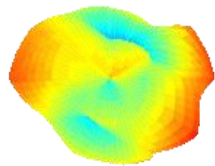


Fre:2.41GHz _ E2

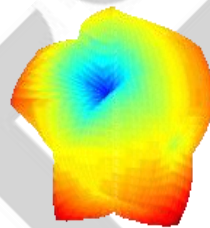


2.42GHz

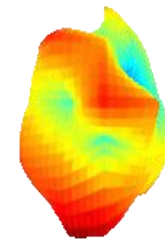
Fre:2.42GHz _ H



Fre:2.42GHz _ E1

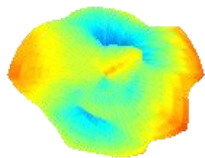


Fre:2.42GHz _ E2

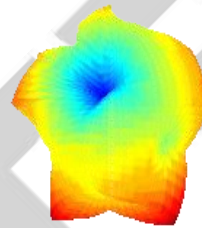


2.43GHz

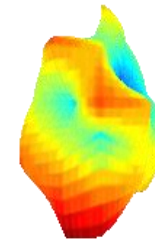
Fre:2.43GHz_H



Fre:2.43GHz_E1

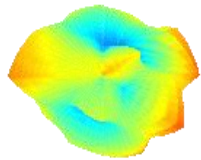


Fre:2.43GHz_E2

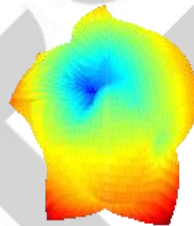


2.44GHz

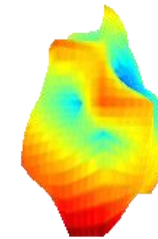
Fre:2.44GHz _ H



Fre:2.44GHz _ E1

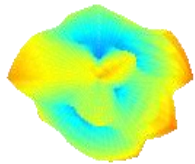


Fre:2.44GHz _ E2

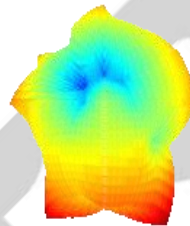


2.45GHz

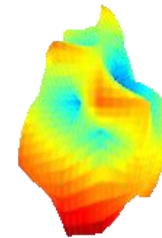
Fre:2.45GHz _ H



Fre:2.45GHz _ E1

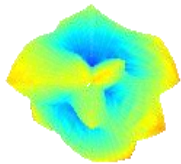


Fre:2.45GHz _ E2

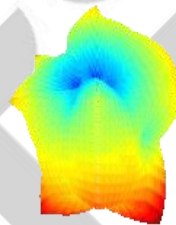


2.46GHz

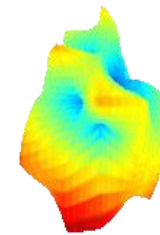
Fre:2.46GHz _ H



Fre:2.46GHz _ E1

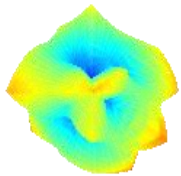


Fre:2.46GHz _ E2

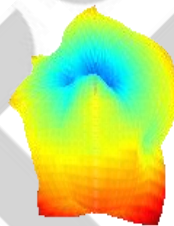


2.47GHz

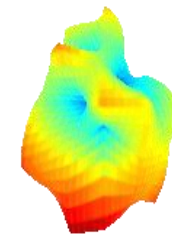
Fre:2.47GHz _ H



Fre:2.47GHz _ E1

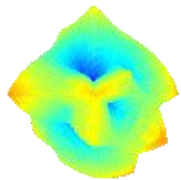


Fre:2.47GHz _ E2

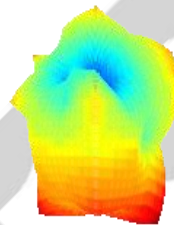


2.48GHz

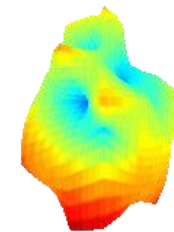
Fre:2.48GHz _ H



Fre:2.48GHz _ E1

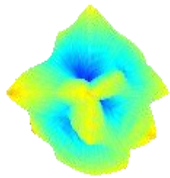


Fre:2.48GHz _ E2

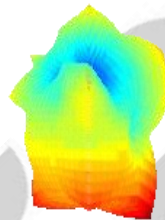


2.49GHz

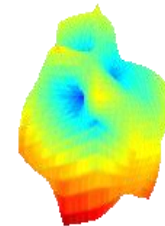
Fre:2.49GHz _ H



Fre:2.49GHz _ E1

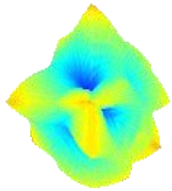


Fre:2.49GHz _ E2

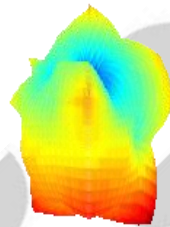


2.50GHz

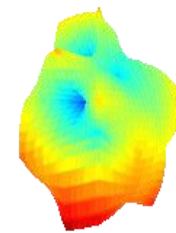
Fre:2.5GHz_H



Fre:2.5GHz_E1



Fre:2.5GHz_E2



6. Standing Wave Ratio Test

SWR

