

TEST REPORT

Product Name : 435418 - KLAZZO MULTI FUNCTIONAL CAR CHARGER
Model/Type reference : IJ10821-DT
Report Number : XH20260908002
Date of Issue : September 08, 2026
Test Standards : GB/T 9410-2008
ANSI/IEEE Std149-2021

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Date:

September 08, 2026



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Version

Version No.	Date	Description
00	September 08, 2026	Original

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1. General Information

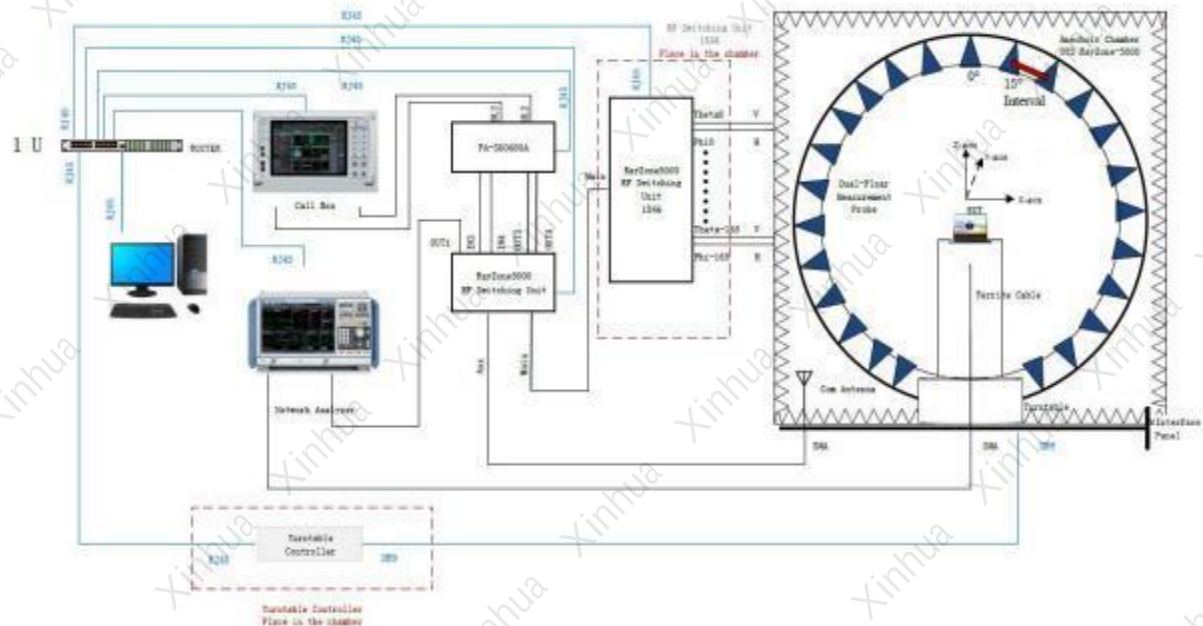
1.1 General information of testing institutions

Name	Shenzhen XinHua Technology co.,Ltd
Address	Room 617, No. 15, Shajiang East Road, Songgang Community, Songgang Street, Bao'an District, Shenzhen

1.2 Applicant and Manufacturer

Applicant/Client Name	Ningbo Comax Import and Export Co., Ltd
Applicant Address	Room 801, No. 258, Tiangao Lane, Shounan Subdistrict, Yinzhou District, Ningbo City, Zhejiang Province, China

1.3 Testing principle



1.4 Test equipment

Equipment	Model No.	Serial No.	Manufacturer	Calibration date	Next calibration date
OTA Test System	OWT-1800	A0022	OWT	2026.04.25	2027.04.24
Network Analyzer	E5071C	C0023	KEYSIGHT	2026.04.25	2027.04.24

1.5 Test environment

Temperature	25.1℃
Humidity	82%RH
Pressure	100.01kPa

1.6 Statement

- (1) The test results in the report are only applicable to the tested samples and the tested samples work under the environment described in the report.
- (2) Only Shenzhen XinHua Technology co.,Ltd have the right to modify the report, and the modification information shall be annotated in the revision form.
- (3) Any objection to this report shall be raised within 30 days after formal confirmation of the report.
- (4) This report is invalid if there is any evidence that the sample information provided is falsified.
- (5) The report is invalid without the signature of the auditor and approver.

2.Sample Information

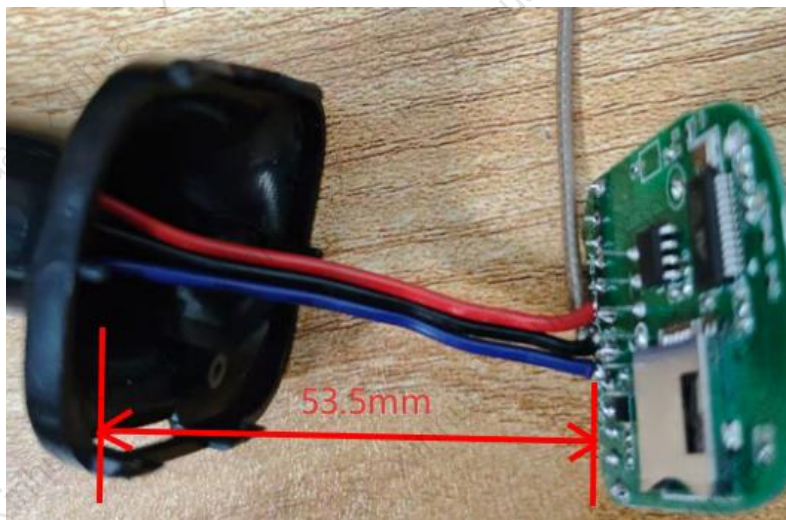
2.1 Description of EUT(S)

Test Item	VSWR;Antenna gain; Efficiency; Radiation pattern
Frequency Range	86-110MHz
Received Date	September 04, 2026
Test Date	September 07, 2026

2.2 EUT appearance



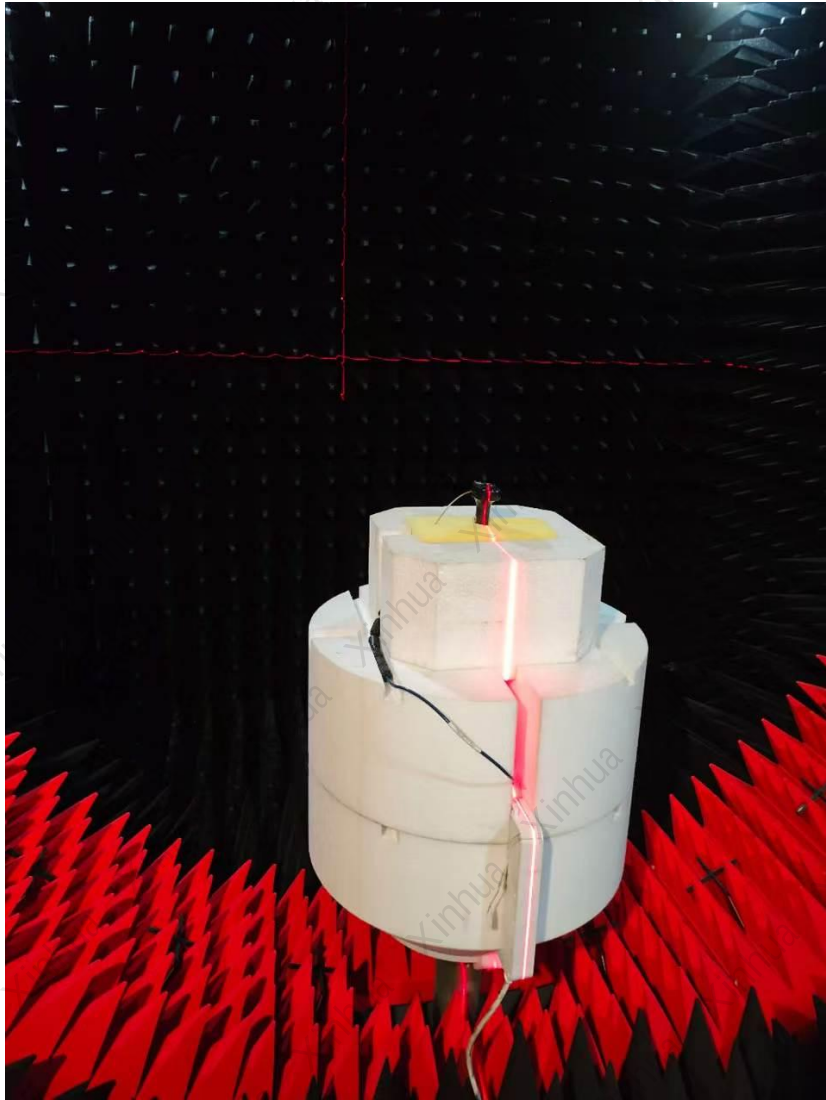
View Of Product-01



Antenna Dimensions

The antenna type : blue wire antenna

2.3 EUT setup photo of free space OTA testing



3. Test Results

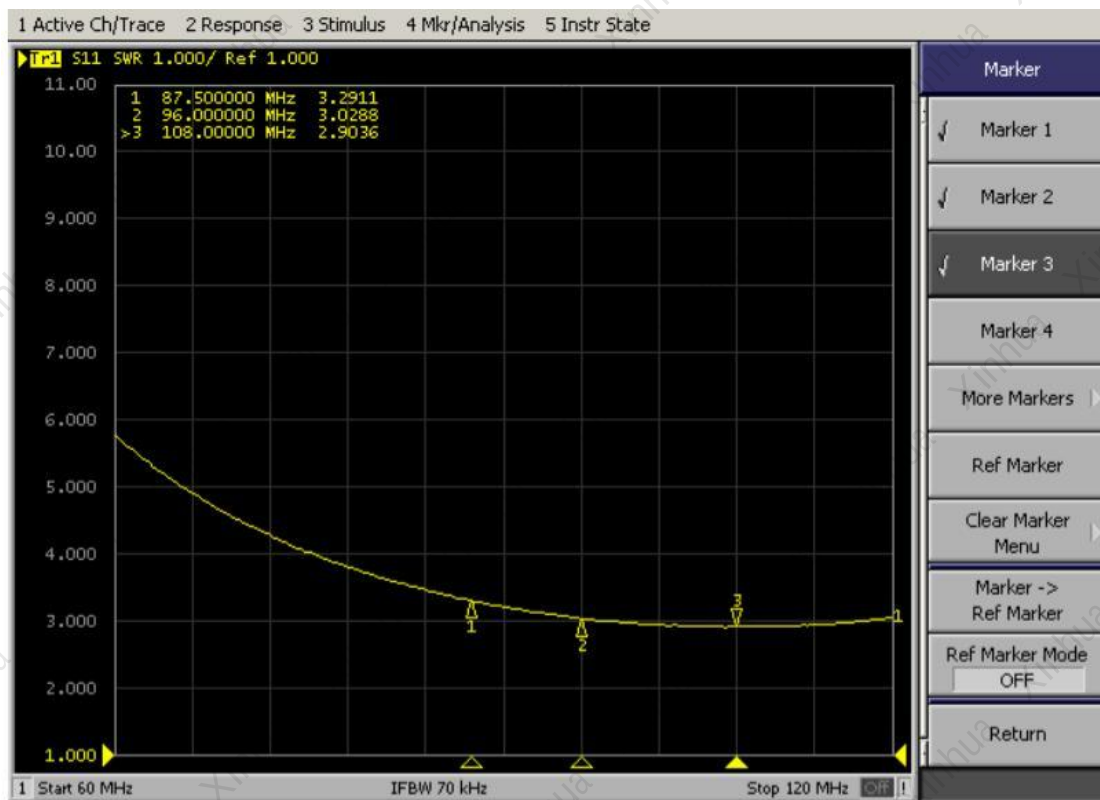
3.1 Test uncertainty

The uncertainty was calculated on the basis of the GUM published by ISO, using the inclusion factor of $K=2$ and the 95% confidence level to express the extended uncertainty.

Item	Uncertainty
VSWR	± 0.3
Antenna gain	$\pm 0.63\text{dB}$
Radiation efficiency	$\pm 0.58\text{dB}$

3.2 Test data

3.2.1 VSWR parameters



3.2.2 VSWR data

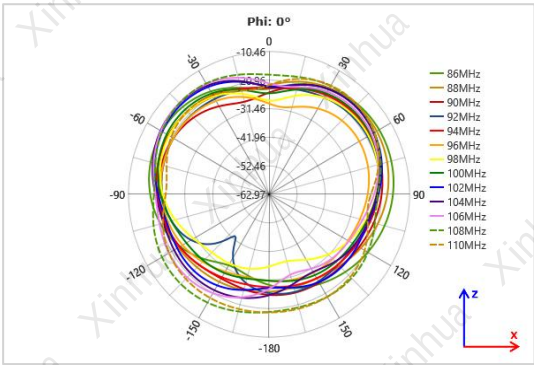
Frequency/MHz	87.5	96	108
VSWR	3.2911	3.0288	2.9036

3.2.3 Typical free space efficiency and gain

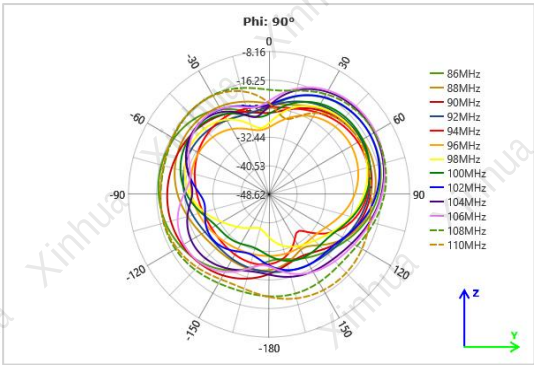
Frequency ID	Frequency(MHz)	Gain(dBi)	Efficiency(%)
1	86	-14.72	1.45
2	88	-16.14	0.88
3	90	-17.44	0.75
4	92	-17.93	0.54
5	94	-18.68	0.54
6	96	-20.79	0.31
7	98	-18.35	0.48
8	100	-17.32	0.62
9	102	-14.96	0.96
10	104	-13.51	1.2
11	106	-13.1	1.28
12	108	-13.53	1.82
13	110	-15.8	1.22

3.2.4 Radiation pattern

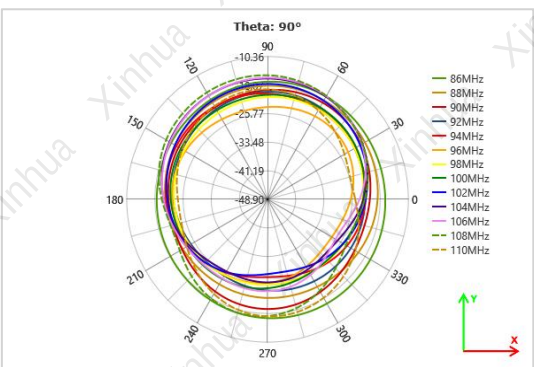
(1) 2d(phi 0°):



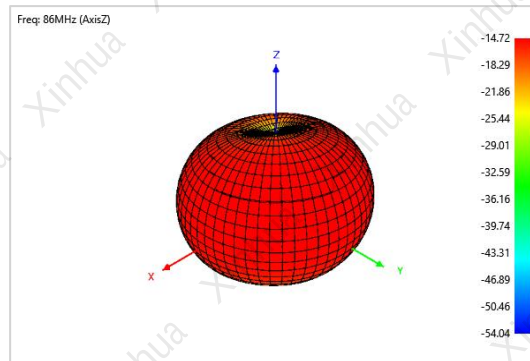
(2) 2d(phi 90°):



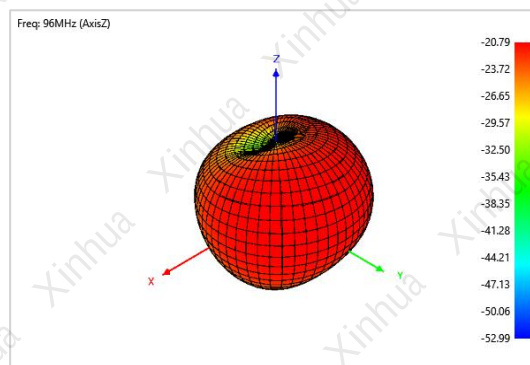
(3) 2d(theta 90°):



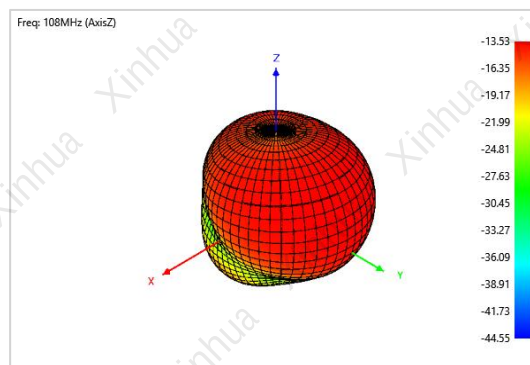
(4) Typical Free Space 3D Radiation Pattern at 86MHz(unit:dBi)



(5) Typical Free Space 3D Radiation Pattern at 96MHz(unit:dBi)



(6) Typical Free Space 3D Radiation Pattern at 108MHz(unit:dBi)



End