



校准证书编号: 2015F00-10-001631

Calibrated certificate series No.



* 3 1 9 2 0 8 3 *

SHANGHAI INSTITUTE OF MEASUREMENT AND TESTING TECHNOLOGY
NATIONAL CENTER OF MEASUREMENT AND TEST FOR EAST CHINA

CALIBRATION CERTIFICATE

上海市计量测试技术研究院 华东国家计量测试中心

校准证书

委托者 德国柯雷中国办事处
Customer

委托者地址 /
Address of customer

器具名称 场强仪
Name of instrument

制造厂 柯雷
Manufacturer

型号/规格 E300/EHP150
Model/Specification

器具编号 1506004
No. of instrument

器具准确度 /
Instrument accuracy

批准人/职务
Approved by / Functions

桑昱

副所长

(机构校准专用章)

核 验 员
Checked by

左建生

校 准 员
Calibrated by

朱建刚

校准日期 2015 年 07 月 27 日
Date for calibrated Year Month Day

地址: 上海市张衡路 1500 号(总部)
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客户咨询电话: 800-820-5172
Inquire line

投诉电话: 021-50798262
Tel for complaint



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国家法定计量检定机构计量授权证书号(中心院): (国)法计(2012)01039号/(2012)01019号
The number of the Certificate of Metrological Authorization to The Legal Metrological Verification Institution is No. (2012) 01039/ No. (2012) 01019

中国合格评定国家认可委员会实验室认可证书号: No. CNAS L0134
The number of the certificate accredited by CNAS is No. L0134

本次校准所依据的技术规范(代号、名称):
Reference documents for the calibration (code, name)

JJG358-1984 干扰场强测量仪检定规程

参照 IEEE 1309-2005 standard for calibration of electromagnetic field sensors and probes

本次校准所使用的主要计量标准器具:
Main measurement standards used in this calibration

名称/型号 Name/Model	编号 Number	证书编号/有效期限 Certificate No./Due date	测量范围/准确度等级或 最大允差或不确定度 Measurement range/accuracy class or maximum permissible errors or uncertainty of measurement
函数信号发生器 /33120A	US36038433	2015F33-10-000354 /2016.03.05	f:100 μ Hz~15MHz P:50mVp-p~10Vp-p/ \pm 0.3dB
工频场强仪校准装置	US36057054	2015F11-10-001461 /2016.07.06	f:30Hz~2kHz E: (0~200) kV/m H: (0~150) A/m /E: \pm 5% H: \pm 5%

以上计量标准器具的量值溯源至国家基准。
Quantity values of above measurement standards used in this calibration are traced to those of the national primary standards in the P.R. China.

校准地点及环境条件:
Location and environmental condition for the calibration

地点: 院总部电学楼 206 室
Location

温度: 20 $^{\circ}$ C; 湿度: 57 %RH; 其它: /
Ambient temperature Relative humidity Others

本次校准结果的扩展不确定度:
Expanded uncertainty

场强: $U = 0.80\text{dB}$ ($k=2$)

校准结果/说明:
Results of calibration and additional explanation

见续页。

本证书提供的结果仅对本次被校的器具有效。
The data are valid only for the instrument(s).



校准结果/说明 (续页):

Results of calibration and additional explanation (continued page)

一、电场测试: $f=50\text{Hz}$

电场标准值 (kV/m)	电场实测值 (kV/m)
1	0.92
3	2.88
5	4.79
7	6.81
9	8.80
10	9.73

二、磁场测试: $f=50\text{Hz}$

磁场标准值 (A/m)	磁场实测值 (A/m)
1	0.91
3	2.84
10	9.72
30	27.5
100	96.3

校准结果内容结束