

# 北京无线电计量测试研究所

Beijing Institute of Radio Metrology and Measurement

中国认可  
检测

中国航天科工集团第二研究院二〇三所

国防科技工业第二计量测试研究中心

TESTING  
CNAS L1685

## 检 测 报 告

### TESTING REPORT

委托单位: 深圳市恒图伟业科技有限公司  
Customer Shenzhen Huntoo Technology Co., Ltd

地址: 深圳市光明区玉塘街道田寮田湾路 97 号百思富创客三楼 No.97, Tianwan Road,  
Address Tianlao, Gongming, Guangming New District, Shenzhen, Guangdong, China

被测样品: 导电布  
EUT/DUT Conductive Fabric

型号: /  
Type

编号: /  
No.

制造商: /  
Manufacturer

发证日期: 2020 年 3 月 10 日  
Issued date Year Month Day

批准人: 韩玉峰  
Approver

发证单位:  
Issued by (stamp)



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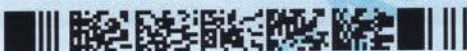


本单位是经授权的法定计量技术机构，所有测量标准都溯源到国家最高计量标准。

*This body is an institute of legal verification authorized and all measurement standards are traceable to national standards.*

本检测结果仅对所检测样品有效。证书未经本实验室书面批准，不准部分复印。

*These results apply only to the tested samples. The certificates must not be partially duplicated without permission from the laboratory at which the test has been conducted.*



# 检测结果

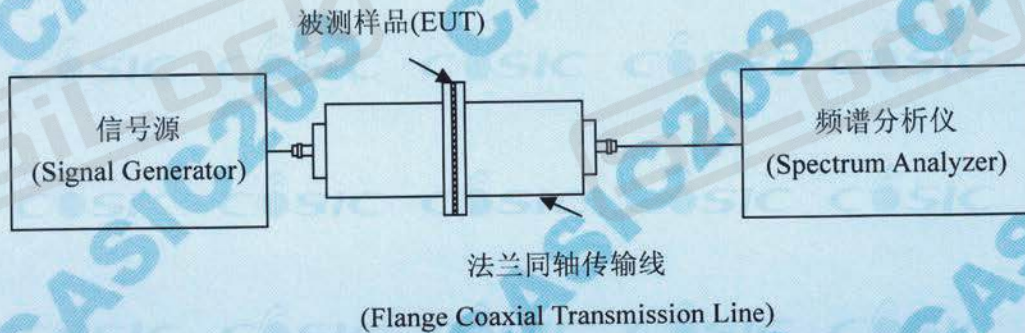
## Results of Testing

一. 检测项目: 屏蔽效能

(1. Test Item: shielding effectiveness)

二. 检测示意图

(2. Test diagram)



三. 检测所参照的技术文件或检测方法及其说明

(3. Technical document or test method and explanation about measurement)

技术文件或检测方法: GJB 6190-2008 电磁屏蔽材料屏蔽效能测量方法。

Technical document or test method: GJB 6190-2008 Measuring methods for shielding effectiveness of electromagnetic shielding materials.

检测说明: 测量时将样品放置在法兰同轴传输线中间, 并压紧。

Test explanation: Place EUT in middle of flange coaxial transmission line with pressure.

温度(Temperature): 24℃ 相对湿度(Relative Humidity): 28%

被测样品对电磁波功率密度的阻挡率按下式计算, 数据仅供参考。

Use formula below to calculate block rate of electromagnetic wave power density.

Calculated data is for reference only.

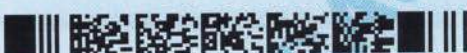
$$A = (1 - 10^{-SE/10}) * 100\%$$

A — 电磁波功率密度的阻挡率 block rate of electromagnetic wave power density

SE — 被测样品屏蔽效能 shielding effectiveness of EUT

检测人(签字)  
Operator

核验人(签字)  
Inspector



# 检测结果

## Results of Testing

### 四. 检测所用的主要仪器

#### (4. Apparatus used for test)

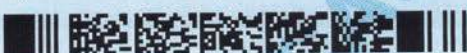
检测仪器 Name	型号 Type	编号 SN	指标 Specification	有效期 Due date
信号发生器 Microwave signal generator	AV1464B	ZBL00070	250kHz~40GHz	2020-10-24
频谱分析仪 Spectrum analyzer	E4407B	MY45114978	100Hz~26.5GHz	2020-03-18
同轴传输线测量装置 Flange coaxial transmission line	CT-1	W0902017	30MHz~1.5GHz	2021-03-08

检测人 (签字)  
Operator

核验人 (签字)  
Inspector



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# 检测结果

## Results of Testing

### 五. 检测结果

#### (5. Test result)

被测材料：导电布。测量数据见表 1，测量曲线见图 1。

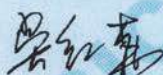
EUT: Conductive Fabric. Measured data is in Table 1. Measured curve is in Fig 1.

表 1 屏蔽效能数据

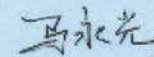
(Table 1: Shielding effectiveness of shielding material)

频率 Frequency MHz	屏蔽效能 Shielding effectiveness dB	阻挡率 Block rate %
30	73.8	99.999996
40	74.4	99.999996
50	73.1	99.999995
60	72.5	99.999994
70	74.7	99.999997
80	74.3	99.999996
90	73.1	99.999995
100	74.0	99.999996
200	74.5	99.999996
300	74.8	99.999997
400	73.2	99.999995
500	76.9	99.999998
600	78.1	99.999998
700	75.7	99.999997
800	75.8	99.999997
900	76.3	99.999998
1000	77.8	99.999998
1200	75.7	99.999997
1500	75.7	99.999997

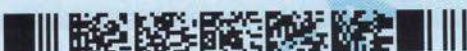
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Operator



核验人 (签字)  
Inspector




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# 检测结果

Results of Testing

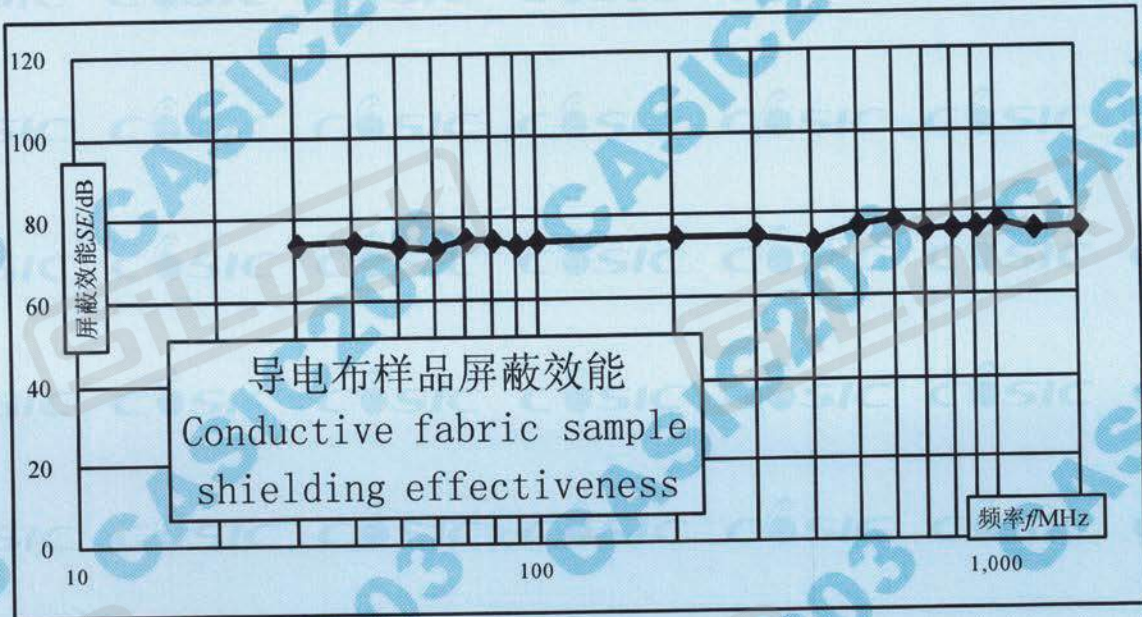


图 1 屏蔽效能测试曲线  
(Fig 1 Shielding effectiveness test curve)

本页以下无数据(No data below)

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Operator

核验人 (签字)  
Inspector

