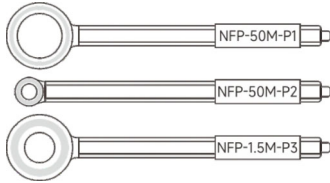


UTS-EMI02低频近场探头测试套件

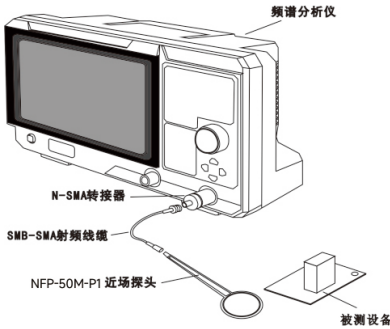
产品概述

探头用于配合优利德频谱分析仪进行电子产品的 EMI测试，可用于检查元器件表面的磁场强度、磁场耦合通道以及电子模块附近的磁场环境，从而快速定位干扰源。此套件包含三款近场探头 NFP-50M-P1，NFP-50M-P2，NFP-1.5M-P3。



测量连接

探头与频谱分析仪的连接方式如下图所示：



- 与频谱分析仪连接
使用SMA-SMB射频线缆分别连接探头的SMB(阳)头和N-SMA转接器的SMA(阴)头，再将N-SMA转接器的N(阳)头连接至频谱分析仪的射频输入端。
- 设备连接
探头与被测设备近距离非接触式测量。测量时，请注意近场探头的摆放方向

典型应用

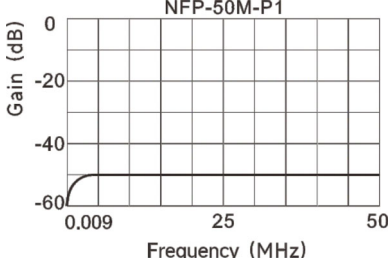
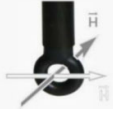
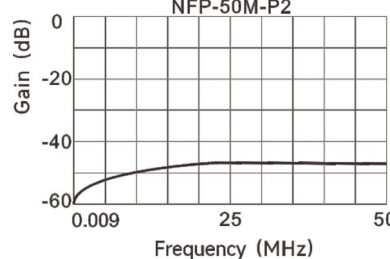
- EMI 辐射干扰源定位。
- 磁场强度检测。

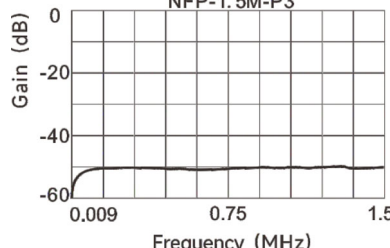
性能指标

频率	
频率范围	9kHz-50MHz

端口类型	
端口形式	SMB 公头
转接器	SMA 母头转N公头
射频线缆	SMA-SMB,1米
端口及转接器阻抗	50Ω

一般技术规格	
尺寸	230*180*45mm
重量	< 1kg
工作温度	0℃至50℃
存储温度	-20℃至70℃

型号	说明
 NFP-50M-P1	磁场近场探头，可检查10cm范围内的磁场，主要用于低频传导整改测试。分辨率25mm左右，频率范围：1MHz至50MHz。 
 NFP-50M-P2	磁场近场探头，可检查3cm范围内的磁场，分辨率10mm左右，频率范围：1MHz至50MHz。 

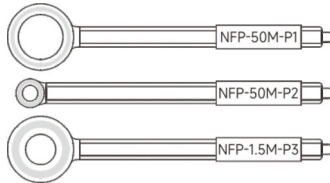
型号	说明
 NFP-1.5M-P3	磁场近场探头，可检查10cm范围内的磁场，主要用于低频传导整改测试。分辨率25mm左右，频率范围：9kHz至1.5MHz。 

UTS-EMI02 Near Field Probes Kit

Product Overview

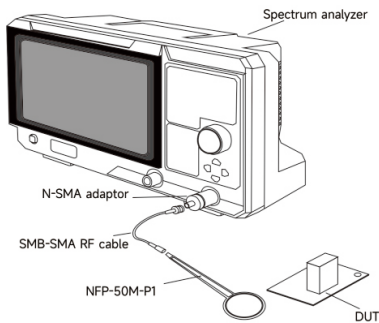
Near Field Probes are used in conjunction with the UNI-T spectrum analyzer for EMI testing of electronic products. It can be used to check the magnetic field strength on the surface of components, magnetic field coupling channels and the magnetic field environment near electronic modules to quickly locate the source of interference.

This kit contains three near-field probes NFP-50M-P1, NFP-50M-P2, NFP-1.5M-P3.



Measurement connection

The connection method between the probe and the spectrum analyzer is shown in the following figure



- Probe in conjunction with a spectrum analyzer Use SMA-SMB RF cable to respectively connect to SMB male connector of probe and SMA female connector of N-SMA adaptor, and then connect N male connector of N-SMA adaptor to RF input port of spectrum analyzer.
- Probe in conjunction with a device Probe and DUT close distance but non-contact measurement. Please notice the placement direction of the near-field probes when measuring.

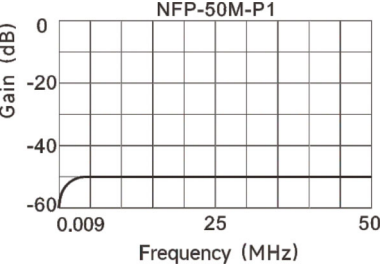
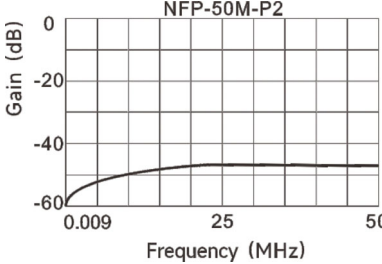
Typical Application

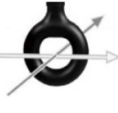
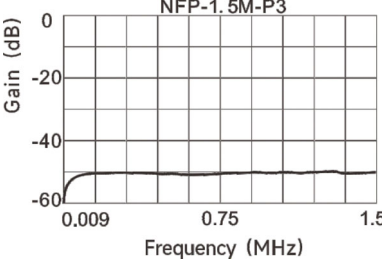
- Locating EMI.
- Detecting the strength of the magnetic fields.

Performance Index

Frequency	
Frequency range	9 kHz to 50 MHz
Port Type	
Port	SMB male connector
Adaptor	SMA female connector convert to N male connector
RF cable	SMA- SMB, 1 meter
Impedance of port and adaptor	50 Ω

General Technical Specification	
Size	230 * 180 * 45 mm
Weight	< 1 kg
Working temperature	0°C~50°C
Storage temperature	-20°C~70°C

Model	Description
 NFP-50M-P1	NFP-50M-P1 can detect the magnetic field within 10 cm. It is mainly used for case leakage test. The resolution is about 25 mm. Frequency range: 1 MHz to 50 MHz. 
 NFP-50M-P2	NFP-50M-P2 can detect the magnetic field within 3 cm. It is mainly used for case leakage test. The resolution is about 10 mm. 

Model	Description
 NFP-1.5M-P3	NFP-1.5M-P3 can detect the magnetic field within 10 cm. It is mainly used for case leakage test. The resolution is about 25mm. Frequency range: 9 kHz to 1.5 MHz. 

彩盒 菲林做货要求

序号	项目	内容		备注
1	尺寸	展开：210*285mm 折后：105*95mm		
2	材质	60g书纸		
3	颜色	单色		
4	外观要求	完整清晰、版面整洁，无斑墨、残损、毛边、刀线错位等缺陷。		
5	装订方式			
6	表面处理			
7	其它	无		
版本		REV. 0		
DWH 设 计	宣浩	MODEL 机型： UTS-EMI02	Part NO. 物料编号：110401114108X	
CHK 审核		 优利德科技(中国)股份有限公司 UNI-TREND TECHNOLOGY (CHINA) CO., LTD.		
APPRO. 批准				