

EMI-2000 传导-辐射电场骚扰测试系统 (CDN法)

EMI-2000 Conducted radiated electric field disturbance test system (CDN method)

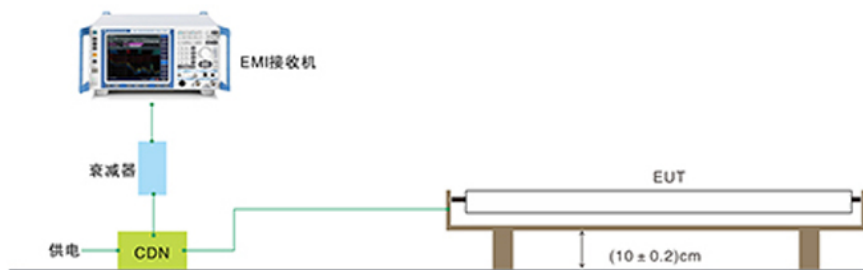
对于电气照明设备等小型受试物，CISPR15标准规定，耦合/去耦网络CDN法是辐射发射测量方法的替代法，测试范围为30M~300MHz。用CDN测量共模端子电压，能缩短测试时间并节省场地费用（可以在屏蔽室内进行）。

CDN法的原理是对于小型EUT，引线上由共模电流引起的辐射发射，远远大于受试物表面向外的辐射。由于CDN能提供稳定的共模阻抗，因此可以通过测量共模电压推导出辐射发射。CDN法可以测量的频率范围为30MHz-300MHz。

该系统包含传导骚扰测试和CDN法辐射骚扰测试。

For small test objects such as electrical lighting equipment, CISPR15 standard stipulates that the coupling/decoupling network CDN method is an alternative to the radiation emission measurement method, and the test range is 30M~300MHz. Using CDN to measure the common mode terminal voltage can shorten the test time and save the site cost (it can be conducted in the shielding room).

The principle of CDN method is that for small EUT, the radiation emission caused by common mode current on the lead is far greater than the radiation from the surface of the test object. Because CDN can provide stable common mode impedance, radiation emission can be derived by measuring common mode voltage. The frequency range that can be measured by CDN method is 30MHz - 300MHz. The system includes conducted disturbance test and CDN radiation disturbance test.



技术参数 Specifications

- 符合标准：
CISPR 15
EN55015
GB 17743

型号	EMI-2000 传导-辐射电场骚扰测试系统 (CDN 法)
测试频率范围	9kHz~300MHz
LISN 容量 (可选)	单相 230VAC/16A、三相 400VAC/32A、三相 400VAC/63A
CDN 容量	二线/三线可切换, 16A