



Y.I.C.
TECHNOLOGIES

EMI/EMC PRE-COMPLIANCE TESTING SOLUTIONS

IF YOU CAN SEE IT, YOU CAN FIX IT !



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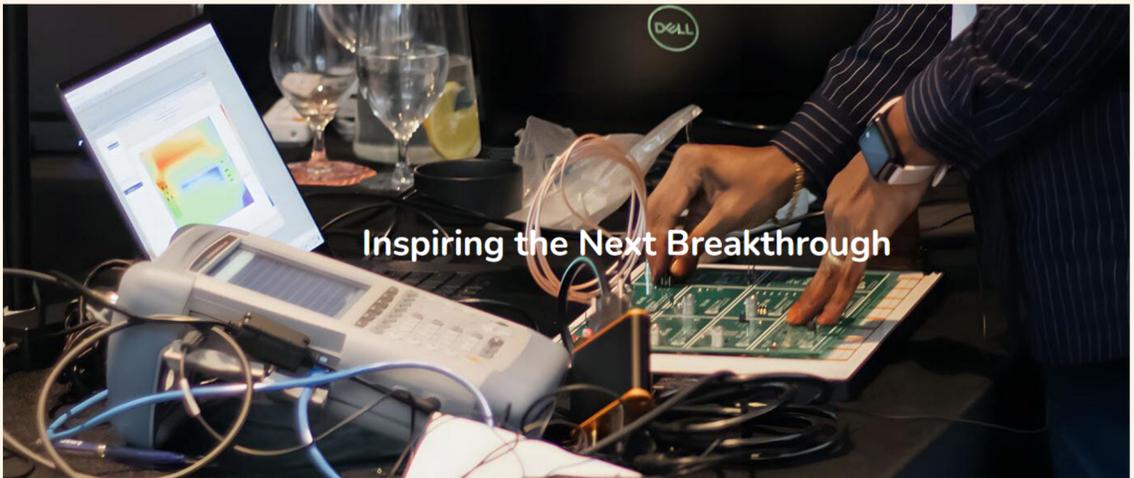


The Value We Bring

REDUCE CHAMBER TIME & COSTS

ACCELERATE TIME TO MARKET

INCREASE PRODUCTIVITY



IF YOU CAN SEE IT, YOU CAN FIX IT.

Helping Engineers Achieve EMC Certification First time, Every time.



Low Cost, High Resolution,
Accurate, Repeatable, and
Reliable way to pinpoint the cause
of major EMC/EMI issues and
design flaws



Variety of Applications: EMC/EMI
debugging and problem
analysis, RFID optimization, PCB
layout analysis, and more..



“Real-Time” view, allows to
diagnose, change and re-test
within seconds



EMScannerR+

High Resolution EMC
Scanner with Internal
Spectrum Analyzer

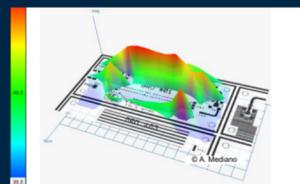
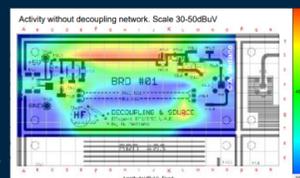


The **EMScannerR+** is a high-resolution, self-contained electromagnetic scanning system designed for high-density PCBs and ICs. Featuring an integrated Spectrum Analyzer, the **EMScannerR+** delivers repeatable and reliable measurement results with minimal setup. It offers a physical spatial resolution of up to 0.06 mm, an automated interleaved mode which enables enhanced measurement precision.

The **EMScannerR+** provides rapid insight into EMI emissions, filtering effectiveness, shielding integrity, broadband and common-mode noise, making it a true plug-and-play solution for advanced EMC analysis.

High Speed, High Resolution EMC Scanner

- **Frequency range:** 150 KHz- 6GHz
- **Scanning Area:** A4
- **Spatial Resolution:** 0.06mm
- **Spectrum Analyzer:** Internal
- **Software:** EMViewer2.0



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EMScannerR

High Resolution EMC
Scanner

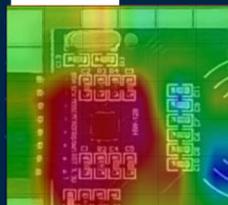


The **EMScannerR** is a high-resolution EM scanning system designed for detailed EMC analysis of high-density PCBs and ICs. While it does not include an integrated Spectrum Analyzer, the **EMScannerR** seamlessly interfaces with external known brands of Spectrum Analyzers, leveraging existing equipment and significantly reducing system cost. The **EMScannerR** delivers repeatable and reliable near-field measurement with fine spatial resolution, enabling precise localization of EMI sources and coupling mechanisms.

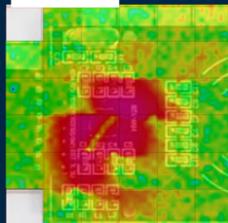
High Speed, High Resolution EMC Scanner

- **Frequency range:** 150 KHz- 8GHz
- **Scanning Area:** A4
- **Spatial Resolution:** 0.06mm
- **Spectrum Analyzer:** External
- **Software:** EMViewer2.0

7.5MM SCAN



0.9MM SCAN



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EMScanner+

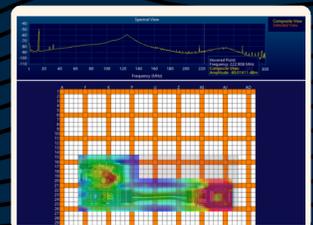
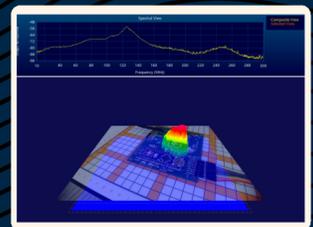
EMC Scanner with
Internal Spectrum Analyzer



The **EMScanner+** is a self-contained EM scanning system featuring an integrated Spectrum Analyzer, designed for efficient EMC analysis and troubleshooting. With a physical spatial resolution of 7.5 mm, the **EMScanner+** offers a practical cost balance between measurement coverage and resolution, enabling rapid identification of EMI sources with minimal setup.

High Speed, EMC/EMI Scanner

- Frequency range: 150 KHz-6GHz
- Scanning Area: A4
- Spatial Resolution: 7.5mm
- Spectrum Analyzer: Internal
- Software: EMViewer2.0



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EMScanner

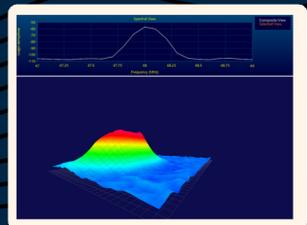
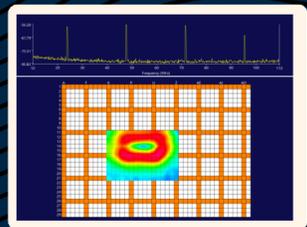
Accurate Identification
and Characterization of
EMI/EMC Issues



The **EMScanner** is an entry-level EM scanning system designed to provide cost-effective EMC analysis for PCB development and troubleshooting. Featuring a physical spatial resolution of 7.5 mm and compatibility with external Spectrum Analyzers, the **EMScanner** enables users to utilize existing measurement equipment, minimizing investment while maintaining reliable EMC insight.

High Speed, EMC/EMI Scanner

- **Frequency range:** 150 KHz-8GHz
- **Scanning Area:** A4
- **Spacial Resolution:** 7.5mm
- **Spectrum Analyzer:** External
- **Software:** EMViewer2.0



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EMProbe E6

Robotic Arm Single Probe Scanning

The **EMProbe E6** is a robotic arm scanning solution designed for precise EM measurements. It supports 3D scanning, enabling accurate analysis of DUTs with complex topology. The system offers spatial resolution of 0.2 mm for detailed emission mapping and includes interchangeable near-field probes to accommodate different frequency ranges. This platform delivers repeatable and reliable measurement results for advanced EMC analysis.

Robotic Arm with Single Probe

- **Probe Set Included**
- **Scanning Area:** 450mm Radius
- **Physical Resolution:** 0.25mm
- **Software:** EMViewer2.0





EMProbe

Robotic Arm Single Probe Scanning

The **EMProbe** with linear rail, provides an automated solution for precise electromagnetic emission scanning. The robotic arm and rail enable extended coverage and 3D scanning, allowing accurate measurement of devices under test with tall or complex components. The system delivers high spatial resolution of up to 0.2 mm for detailed emission mapping. The solution includes interchangeable probes to support different frequency ranges. This platform ensures repeatable, reliable, and highly accurate EMC measurement results.

Robotic Arm with Single Probe

- **Probe Set Included**
- **Scanning Area:** 300mm Radius plus optional 100 cm Linear Rail
- **Physical Resolution:** 0.25mm
- **Software:** EMViewer2.0



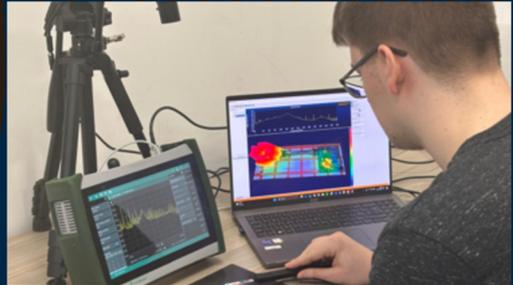
NFPKit

Near Field Probes with Camera Solution



Near Field Probes Kit

- Set of 5 probes
- Electric & Magnetic
- 5MP USB Camera with optical zoom
- Real Time tracking
- Software: EMViewer2.0

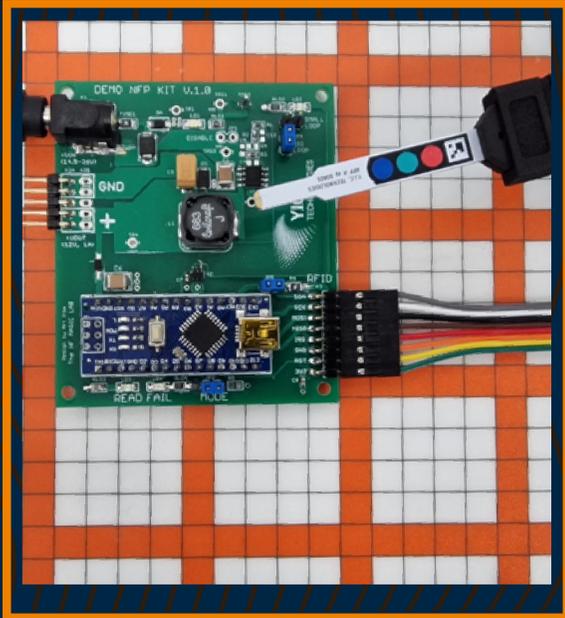


The **NFPKit** combines a near-field probe set with an integrated camera to accurately map electromagnetic emissions from the DUT. Real-time probe tracking enables precise visualization of emission sources, delivering a cost-effective and reliable solution for identifying and analyzing EMI hotspots.

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NFP Set

Near Field Probes



HANDHELD PROBES

HXY10A02: 10KHZ - 300MHZ

HXY20A02: 100KHZ - 1.4GHZ

HZ 40A02: 1GHZ - 14GHZ

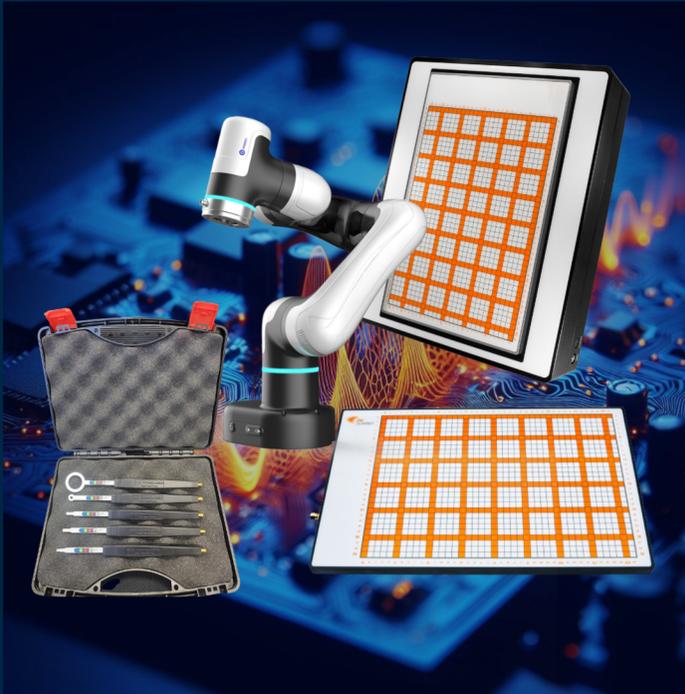
HXY 60A01: 1GHZ - 13GHZ

E 00A02: 1.6GHZ - 14 GHZ

Traditional near field probe scanning. Use the probe connected to the Spectrum Analyzer to sniff around the device under test to detect the emissions of the selected frequency range. 5 probes are included; Magnetic and Electric probes.

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Available Now



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Results in Realtime