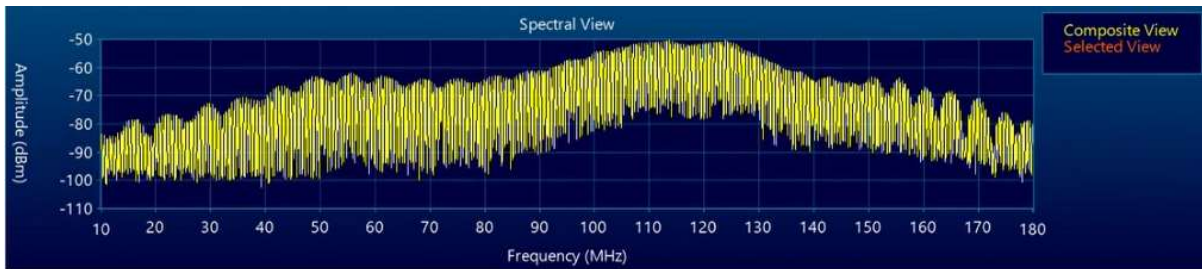




NFPKit

A Rapid Handheld Live Tracking Probe Scanning Solution



Live tracking provides a faster, easier, and more reliable method to get these results. Using an overhead webcam and probe markers, the EMViewer software will detect the type of probe and point of measurement automatically, allowing design engineers to see results quickly with minimal setup time.

Y.I.C. Technologies NFPKit is designed for measuring near field radiated emissions for EMC/EMI pre-compliance testing. The probes can be used to locate, identify, measure, and characterize potential sources of electromagnetic radiation and interference radiated from traces or components of electronic PCBs, assemblies, or products. The probe output is proportional to the magnetic field (H) strength present at the probe location.

A compatible Spectrum Analyzer with 50Ω input is required and the probes can also be used as handheld standalone probes or mounted on Y.I.C. Technologies EMProbe robotic arm for high resolution scans.



Key Features

- Fully integrated with Y.I.C. Technologies EMViewer Software
- Live real-time probe position tracking
- Normalization and correction when using the EMViewer Software
- Flat response within the range of operation
- Slim Design and Protective Coating

Content

| | | |
|---------------------------|--|---|
| Handheld Probe Set | Set of 5 Probes Electric and Magnetic Probes HXY 10A02: 10 MHz – 300 MHz HXY 20A02: 100 MHz – 1.4 GHz HZ 40A02: 1 GHz – 14 GHz HXY 60A01: 1 GHz – 13 GHz E 00A02: Full Range |  |
| Camera | USB Mini Camera, 5MP, 5-50mm Varifocal Lens, 10X Optical Zoom |  |
| Support Arm | 11 Inch Adjustable Support Arm with Clamp |  |

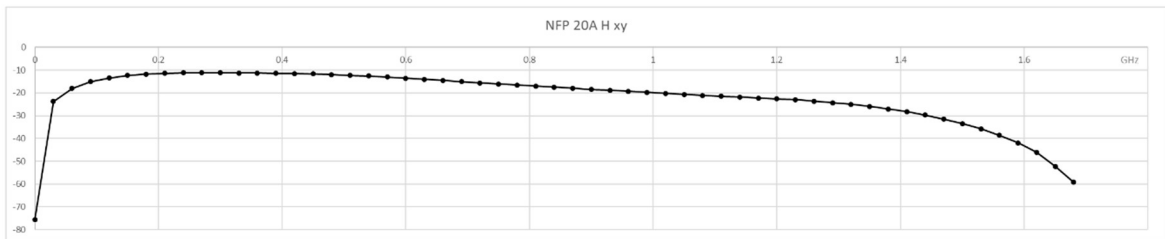
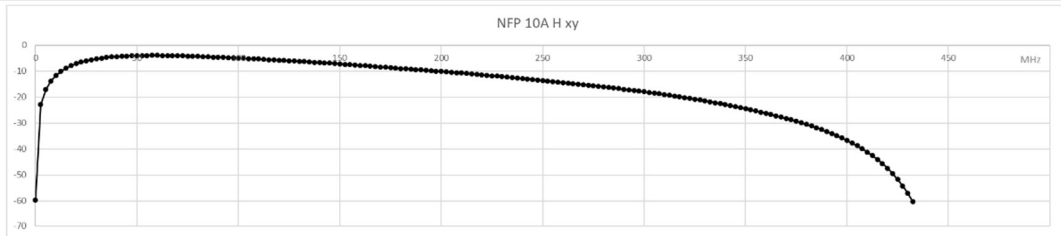
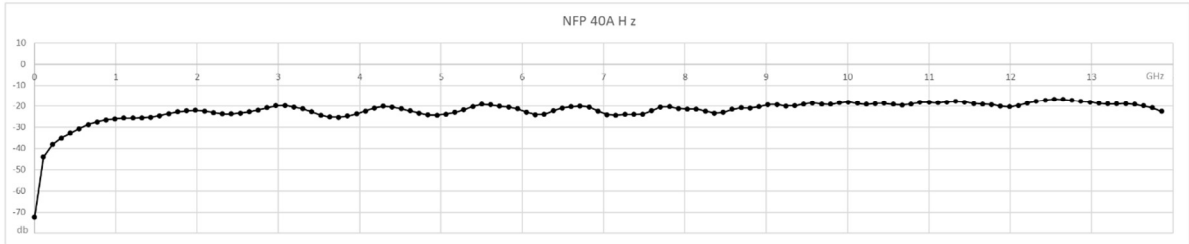
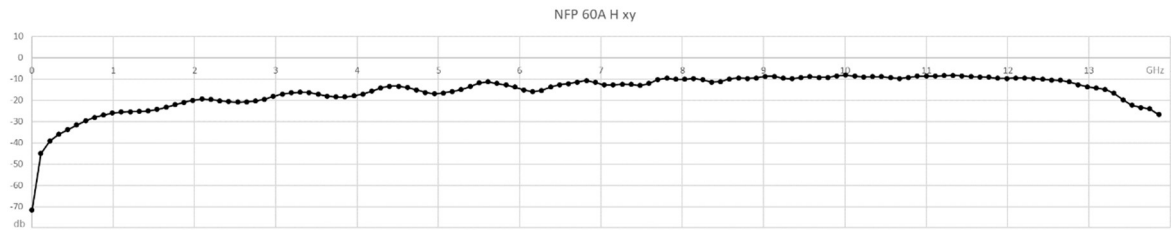
Applications

EMC/EMI Pre-Compliance Magnetic Near-Field Measurements

- Magnetic Near Field mapping
- Magnetic Immunity Testing



Probe Response Curves



www.yictechnologies.com