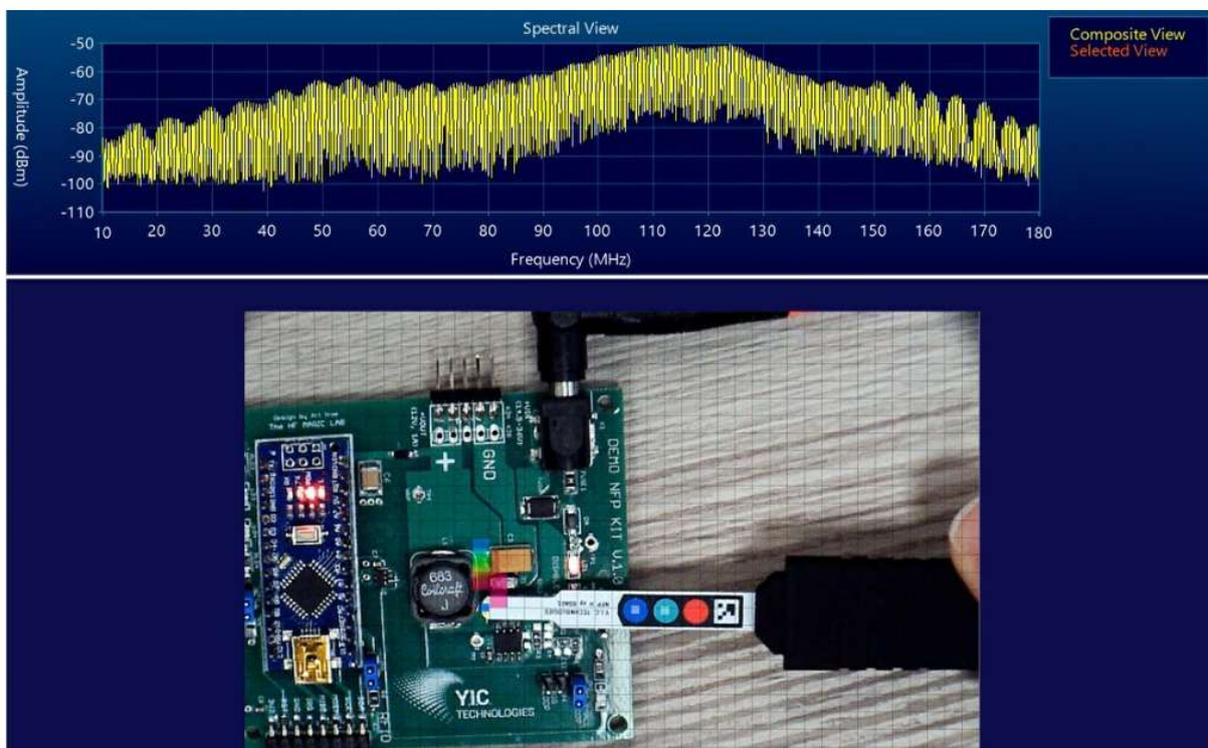




NFPKit

Datasheet

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.

Features

Fully integrate with EMViewer 2.0	Spectral scan, spatial scan and reporting
Live real-time probe position tracking	Continuous real-time or sub-second single scan for entire scan area Dependent on spectrum analyzer performance.
Correction Files	Normalization and correction when using the EMViewer Software. Flat response within the range of operation
Probe Design	Slim Design and Protective Coating
Supported Spectrum Analyzers	All Spectrum Analyzers, which is SCPI based will be detected by the EMViewer software. For more information, please contact enquiries@yictechnologies.com

Content

Camera	The camera provided can be manually adjusted to compensate for lighting conditions in your lab.	
Camera Extension Arm	Holds the camera in place from another surface.	
NFP Hxy 10B00	10 MHz – 300 MHz	
NFP Hxy 20B00	100 MHz – 1.4 GHz	
NFP Hz 40B00	1 GHz – 14 GHz	
NFP Hxy 50B00	13.5 GHz – 16.5 GHz	
NFP Hxy 60B00	1 GHz – 14 GHz	
NFP E 00B00	1.6 GHz – 18 GHz	



Applications

EMC/EMI Pre-Compliance Magnetic Near-Field Measurements

- Magnetic Near Field mapping
- Magnetic Immunity Testing

Probe Response Curves

Y.I.C. Technologies Near Field Probes

Set of 6 Probes

Electric and Magnetic Probes

Hxy 10B00: 10 MHz – 300 MHz

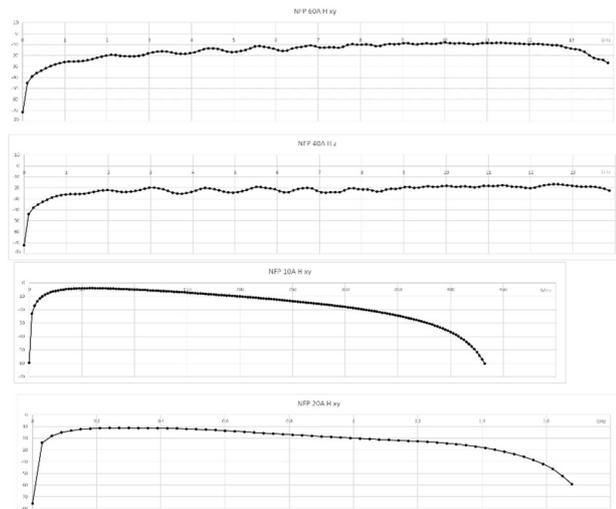
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Hz 40B00: 1 GHz – 14 GHz

Hxy 50B00: 13.5 GHz – 16.5 GHz

Hxy 60A01: 1 GHz – 13 GHz

E 00B00: 1.6 GHz – 18 GHz



www.yictechnologies.com

If you can **see** it, you can **fix** it!