YIC TECHNOLOGIES
Results in Realtime

NFP E and H Field Probe KIT

Live Real–Time Probe Tracking
A Rapid Handheld Probe Scanning Solution

Y.I.C. Technologies set of EM probes kit 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 be used as handheld standalone probes or mounted on Y.I.C. Technologies EMProbe robotic arm for high resolution scans.

Content

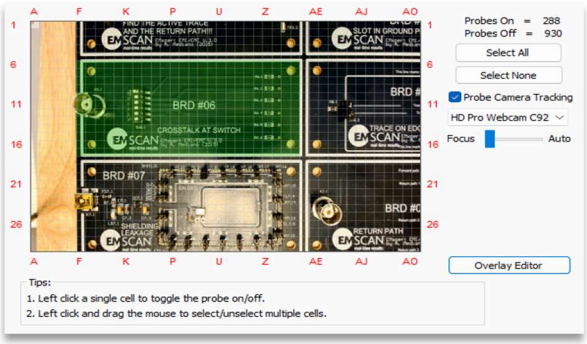
Handheld Probe Set	• Handheld Probes Handle • NFPE10A Full Range E Field Probe • NFPH10A 10MHz-350MHz H Field Probe • NFPH20A 300MHz-3.5GHz H Field Probe • NFPH30A 3GHz-18GHz H Field Probe	
Camera	USB Mini Camera, 5MP, 5-50mm Varifocal Lens, 10X Optical Zoom	
Support Arm	11 Inch Adjustable Support Arm with Clamp	

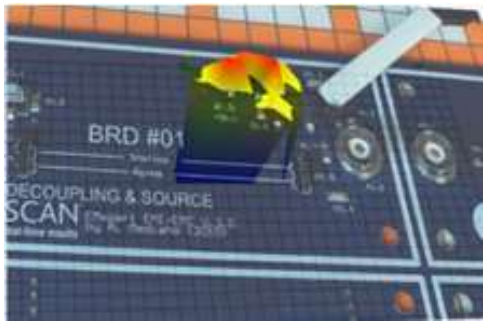
Features

Key features

- Fully integrated with Y.I.C. Technologies EMViewer
- 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
- 18GHz Measured Cable included

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





Applications

EMC/EMI Pre-Compliance Magnetic Near-Field Measurements

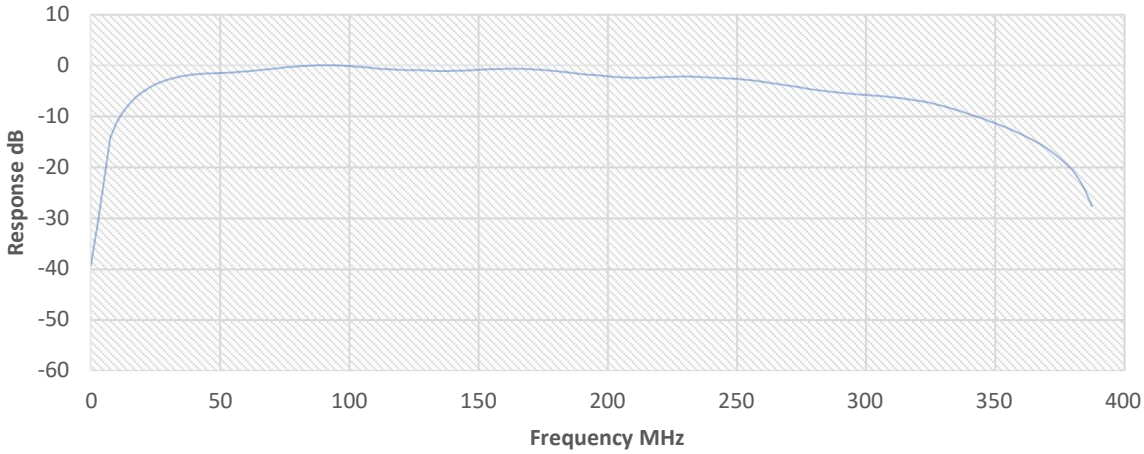
- Magnetic Near Field mapping
- Magnetic Immunity Testing

Features

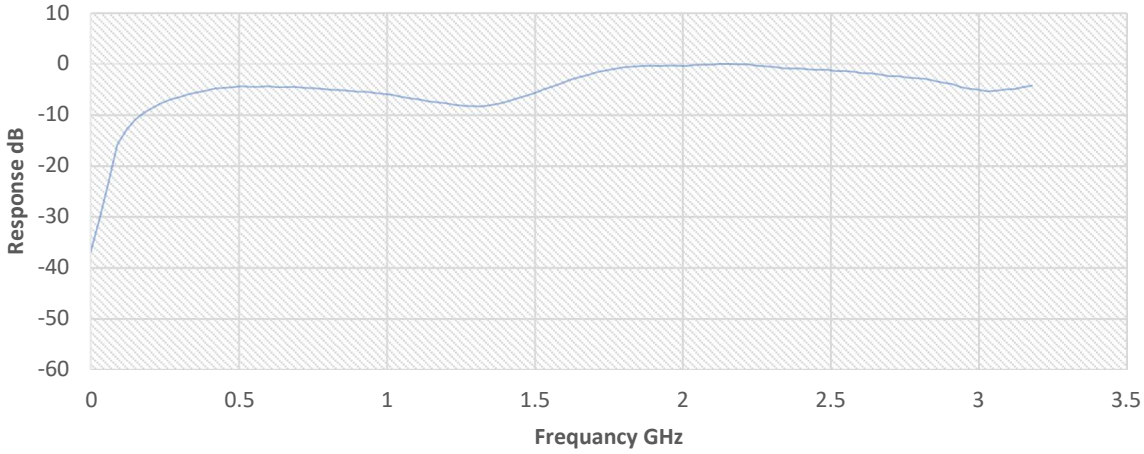
Model	NFPE10A	NFPH10A	NFPH20A	NFPH30A
Frequency Range	TBD	10MHz-330MHz	155MHz-3.1GHz	6GHz-16GHz
Marker				
Marker ID				

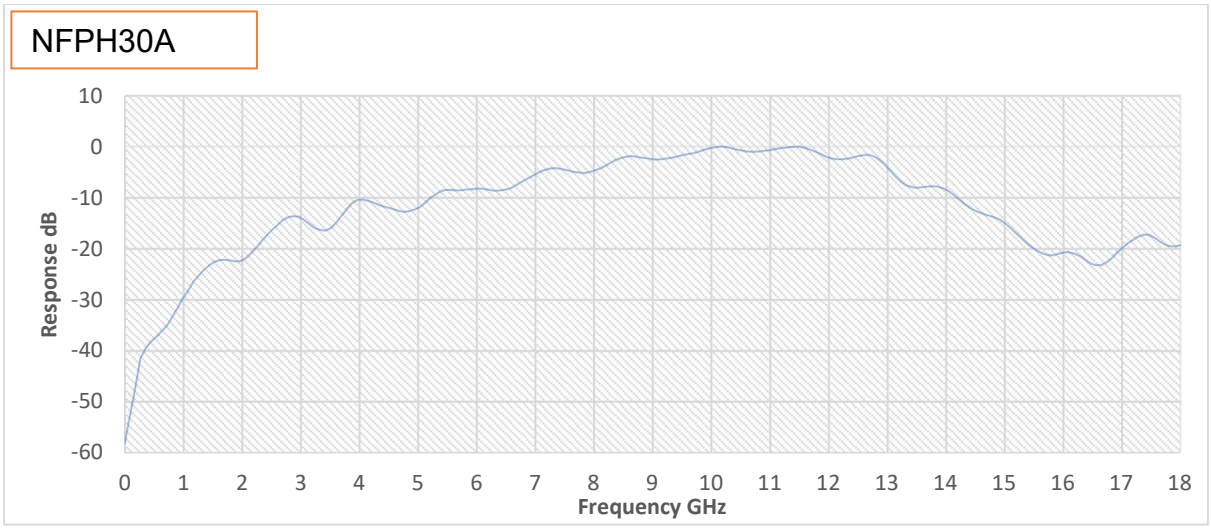
Output and Frequency Response:

NFPH10A



NFPH20A





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support@yictechnologies.com