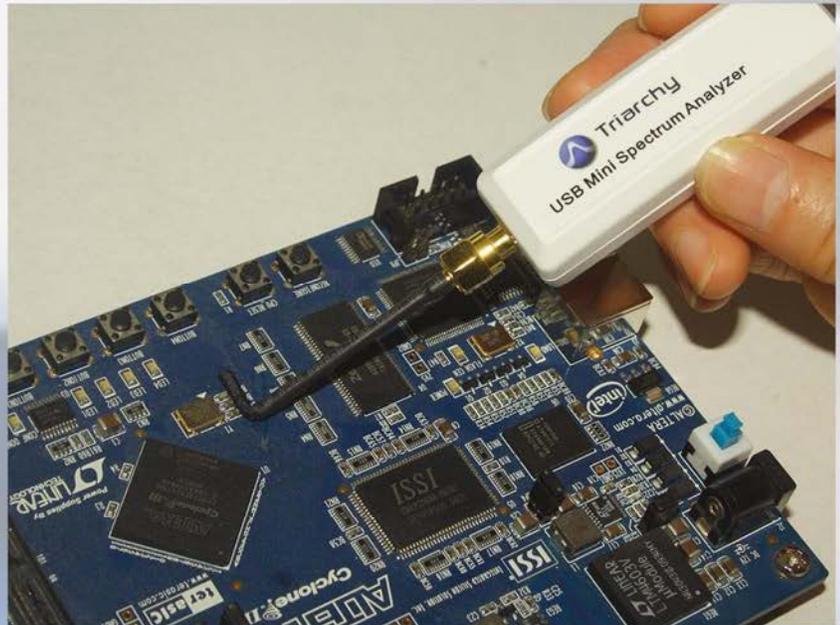




# TNP6Gx Near-Field Probe set

## Features

- Directly connected to the USB mini spectrum analyzer, and easy to use.
- Includes E and H field probes
- Locate emission to each pad or trace with small size probes
- Lightweight and easy to use handle
- More sensitivity, don't need to add preamplifier
- Idea tool for the EMC testing pre-study



## Description

The TNP6Gx near-field probe set includes two magnetic (H) field and two electric field probes designed for use in the resolution of emissions issue.

The probes provide a fast and easy means of detecting and coupling unwanted signal that could provide a product to meet with federal regulatory requirements. This set is a convenient and inexpensive tool with TSA6G1 or TSA12G5 to work on the EMC/EMI pre-study.

**TNP6Gx-1 40mm loop H-field probe**



**TNP6Gx-2 15mm loop H-field probe**



**TNP6Gx-3 10mm stub E-field probe**



**TNP6Gx-4 5mm stub E-field probe**





## Specifications

Model Number	Probe type	Frequency range	Upper Resonant frequency	Dimension	Connector type
TNP6Gx-1	H-field	10MHz~6GHz	2.5GHz	40mm loop diameter	50 ohm SMA Male
TNP6Gx-2	H-field	10MHz~6GHz	Larger than 5GHz	15mm loop diameter	50 ohm SMA Male
TNP6Gx-3	E-field	1GHz~12GHz	Larger than 5GHz	10mm Stub length	50 ohm SMA Male
TNP6Gx-4	E-field	1GHz~12GHz	Larger than 5GHz	5mm Stub Length	50 ohm SMA Male

Following figures is shown testing data which using HRN-0118 horn antenna to test TNP6Gx near-field probe set, the probe is located at surface center of horn antenna.

