

Near Field Probe Set

EM5030


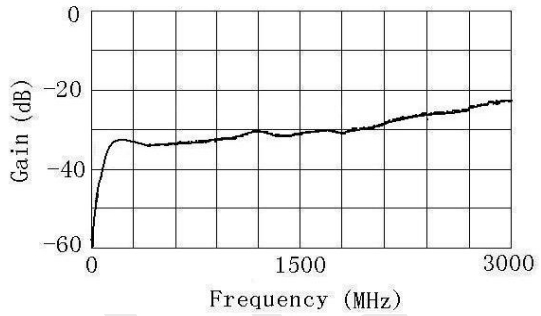
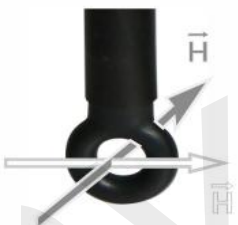
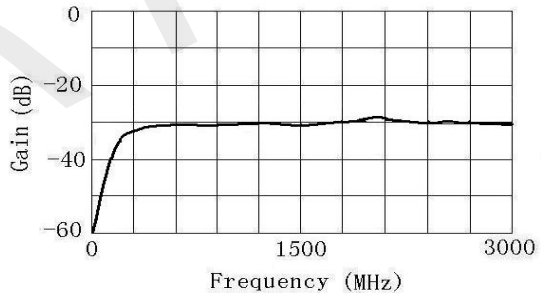
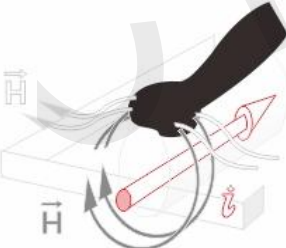
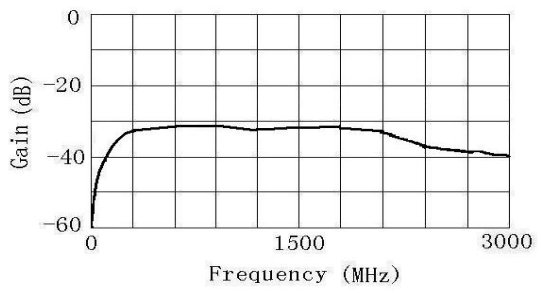
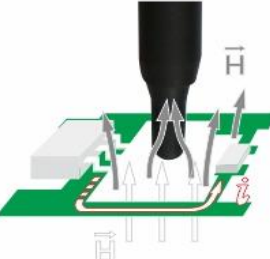
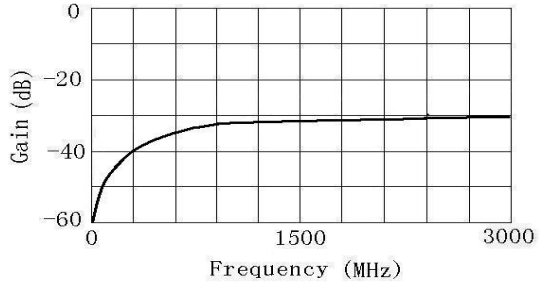


Shenzhen Zhiyong Electronics Co., Ltd

1. Summary

The EM5030 is a passive near field H probe set for EMI pre-compliance debug. The EM5030 is only effective to H field which E field is well shield. It can be connected to a spectrum or receiver with 50 Ohm input to track the interference sources of components or circuits, when the device under test cannot pass the EMI test. You can improve the testing sensitivity by using EM5020A/B to amplify the small signal.

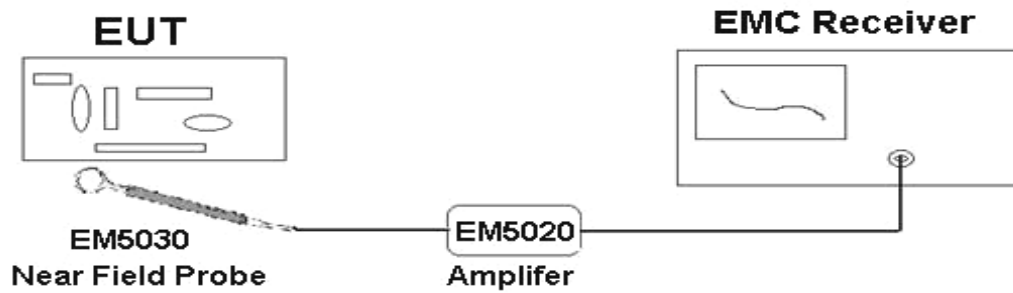
2. Specification

Model	description	Characteristic
 <p>EM5030—1</p>	<p>H probe for detecting H field 10 cm around Mainly used to track the emission leakage of a device or cable Frequency range:30MHz to 3GHz Resolution :25mm</p>	
 <p>EM5030—2</p>	<p>H probe for detecting H field 3 cm around Frequency range:30MHz to 3GHz Resolution :10mm</p>	
 <p>EM5030—3</p>	<p>H probe mainly used to detect the emission leakage of a wire. Frequency range:30MHz to 3GHz Resolution : 5mm</p>	
 <p>EM5030—4</p>	<p>H probe can be used to detect the vertical H field . Mainly used to track the emission leakage of the circuits on a PCB. Frequency range:30MHz to 3GHz Resolution : 2mm</p>	

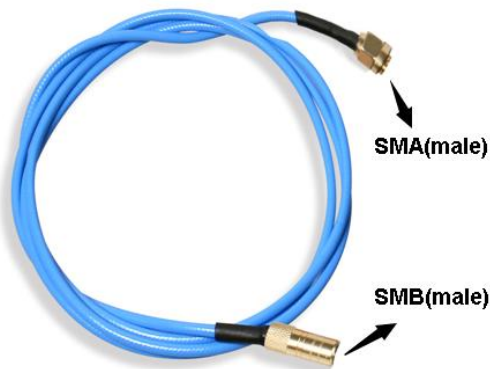
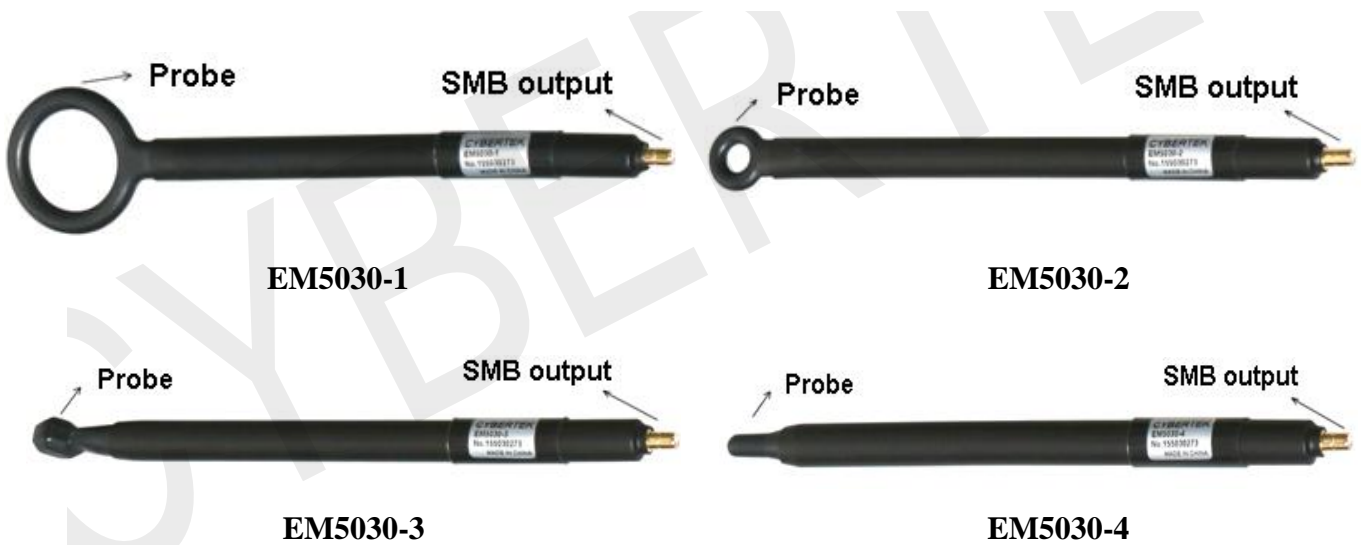
3.Application

- ✧ Tracking the emission sources
- ✧ H field detection

Application Diagram:



4. Description of products



Cable : SMB to SMA, 1 m



Adapter: SMA(female) to N(male)

5. Packing list

PACKING LIST	
Name	Quantity
H-Field probe EM5030-1	1
H-Field probe EM5030-2	1
H-Field probe EM5030-3	1
H-Field probe EM5030-4	1
SMB to SMA RF cable	1
Adapter: SMA(female) to N(male)	1
Instruction manual	1
Warranty card	1
Test report	1

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