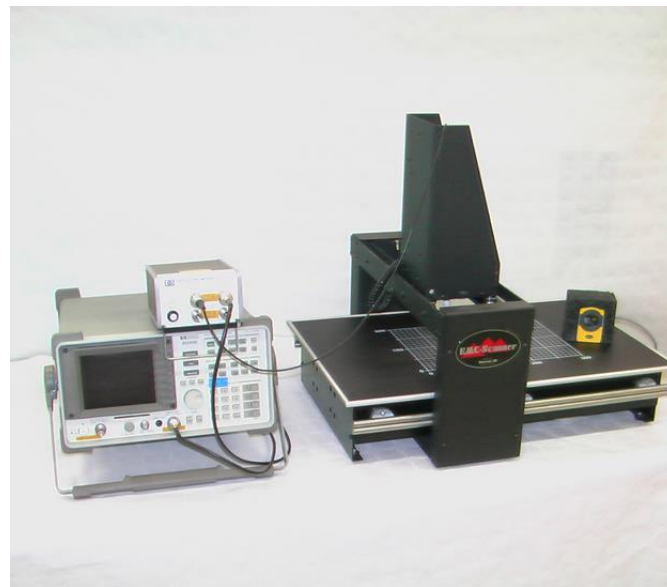
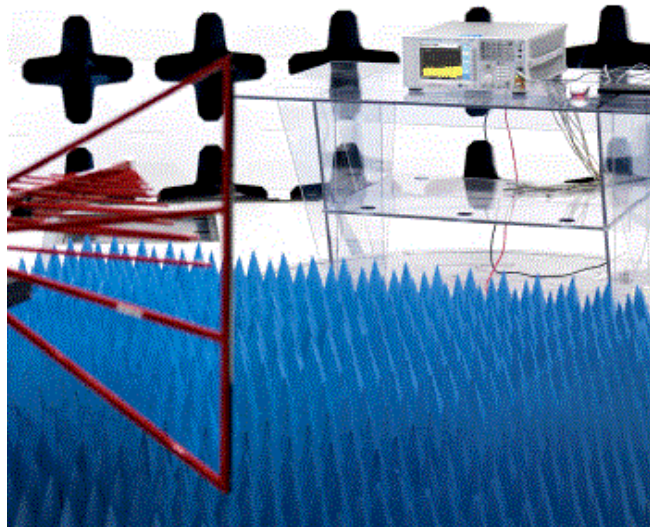


Načrtovanje elektronike za EMC

Študentska delavnica in tekmovanje 2018



Amiteh & EMC



KEYSIGHT
TECHNOLOGIES

Authorized Technology Representative

RIGOL
Beyond Measure

Authorized
Distributor



PONTIS
EMC PRODUCTS



Detectus



FRANKONIA



SCHWARZBECK
Mess-Elektronik



EMC

Preizkušanje skladnosti

EMI sprejemniki

Gluhe komore

Antene

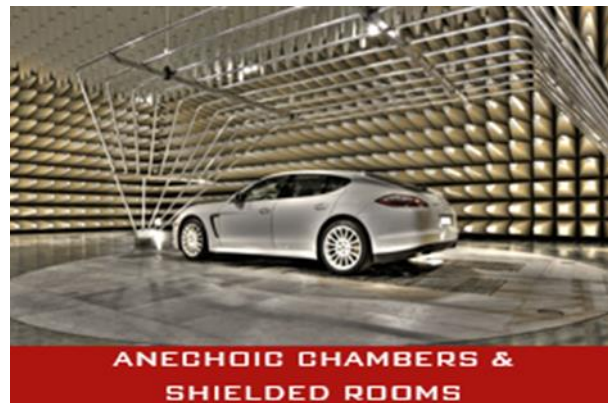
RF viri

LISN

Filtri

ESD testna oprema

Merilniki polja



EMC

Pred preizkušanjem skladnosti

Načrtovanje

EMI sprejemniki

Gluhe komore

Antene

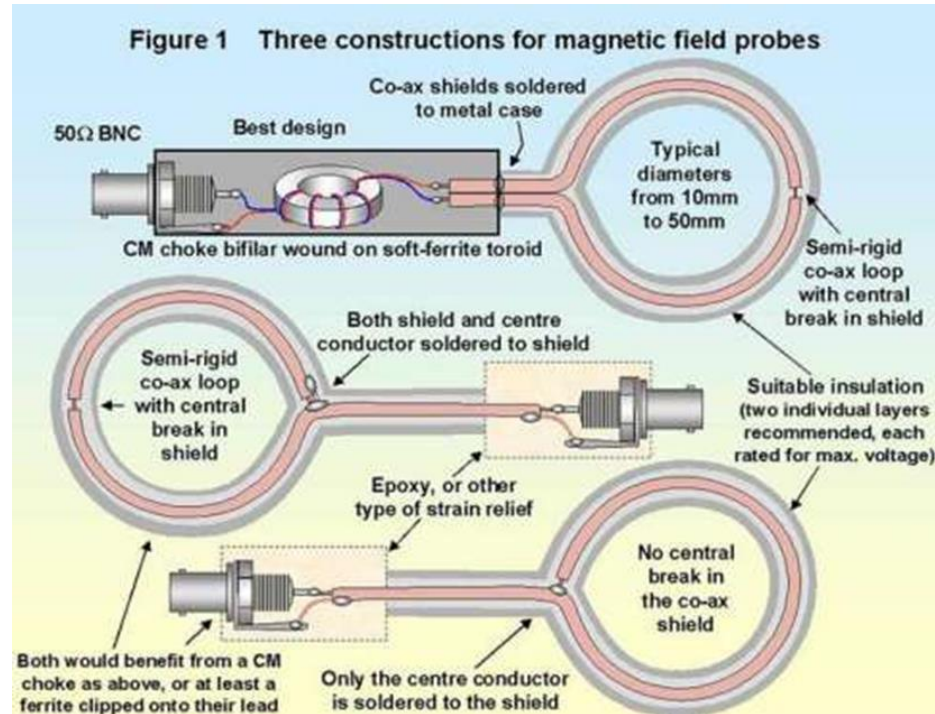
Sonde za bližnje polje



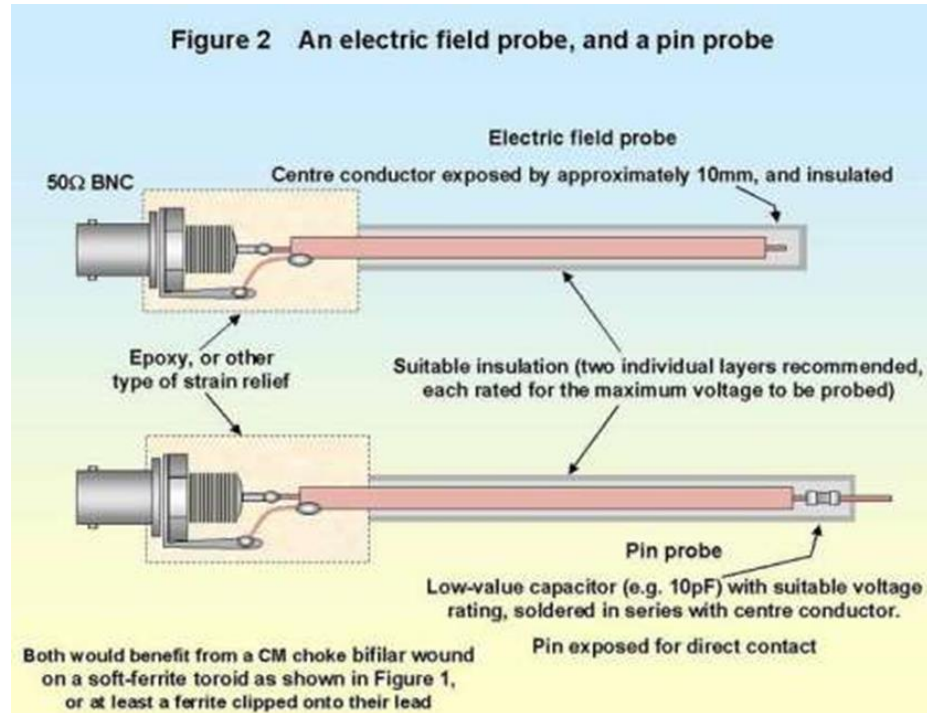
Sonde za bližnje polje



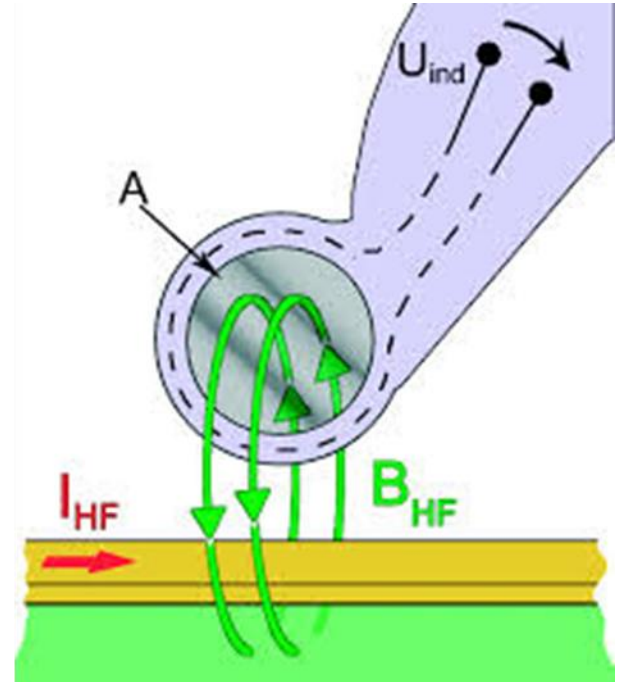
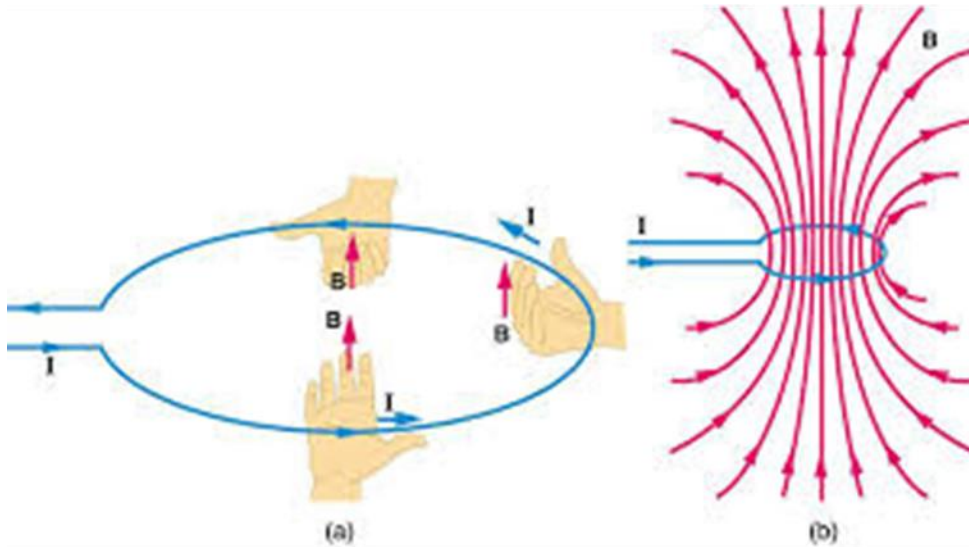
Zgradba H sonde



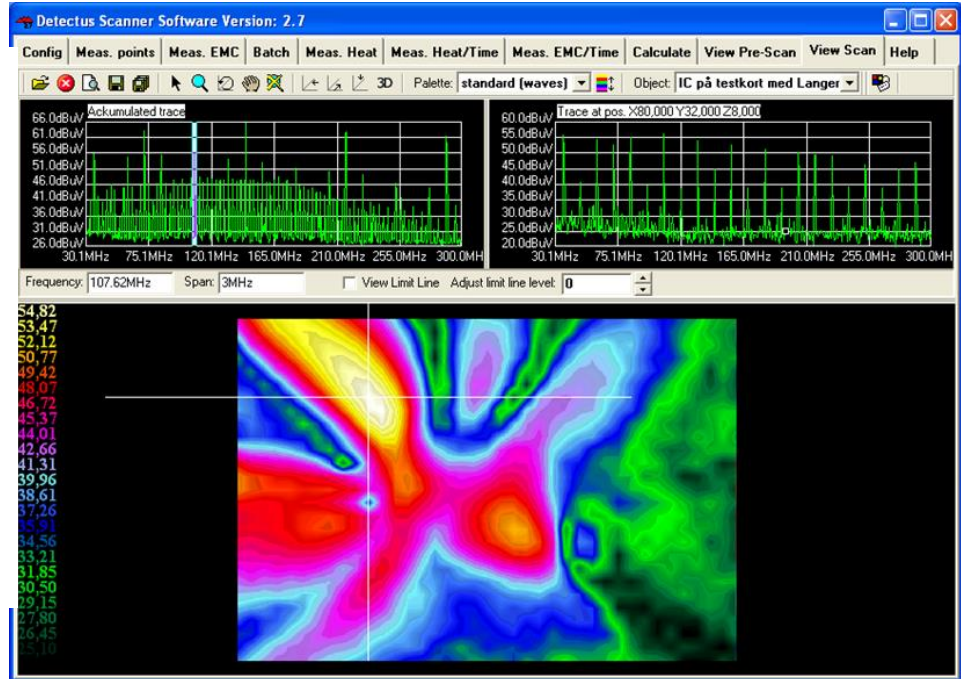
Zgradba E sonde



Usmerjenost polja



EMC Scanner



WHY THE EMC SCANNER

- You save time and money by reducing your need for expensive and time consuming full scale measurement.
- You can see the emission at components level.
- Early in the design phase you can detect potential emission problems.
- You can make comparative measurements to document the effect of a change in design.
- You can maintain a high quality in the production line by measuring samples and comparing them to a reference.
- You do not have to know what frequencies you are looking for thanks to the PreScan and MultiScan function.
- You can use your own instruments
- You can easily document (ISO900x) the emission spectra of your products in both design and production phase.
- You can subtract one measurement from another to remove ambient noise or to be able to see the difference between two products more clearly.

Amiteh:

Hvala!

