



Checklist for EMC Measurement Systems

Please fill in our checklist. This will help us to prepare a technical concept and corresponding quotation for your individual needs.

Which EMC test procedures would you like to perform?

A) Immunity Testing according to the following standard(s):

Which frequency range should be covered by the test? _____

With which field strength do you want to test? _____

At which field level do you want to test? _____

Which type of modulation do you want to test?

AM Plus FM

upward modulation

downward modulation

Distance between antenna and device under test: _____ meters

Required antenna elevation: _____ meters

Which antenna polarization must be tested?

Horizontal Vertical

Which measurement instrumentation is already available and should be integrated?

B) Emission Testing according to the following standard(s):

Which frequency range should be covered by the test? _____

Which antennas should be used in which frequency range?

Is a high-scan with an antenna mast necessary?

Yes No

Is it necessary to turn the DUT on a turntable?

Yes No

Which measurement instrumentation is already available and should be integrated?

Which instrument should be used for the measurement?

Test Receiver
 Spectrum Analyzer

Anechoic chamber:

Is an anechoic chamber already available?

- Yes
- No, but we intend to purchase a chamber.

If yes, from which manufacturer?

What is the size of the chamber?

Is the chamber furnished with absorbers?

- Yes No

If yes, with what type?

- Ferrite
- Pyramidal absorbers
- Hybrid absorbers

If yes, from which manufacturer?

What is the specified frequency range of the chamber?

Immunity: homogeneous area - dimensions:

frequency range:

Emission: quiet range - dimensions :

frequency range:

Software:

Do you already use an EMC-software?

- Yes No

If yes, which one?

Manufacturer:

If not, do you have any preference for a particular software?

- Yes No

Manufacturer:

Do you have preferences for a measurement instrumentation of a particular manufacturer?

- Yes No

If yes, which one?

Model, Type: _____ Manufacturer: _____

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