

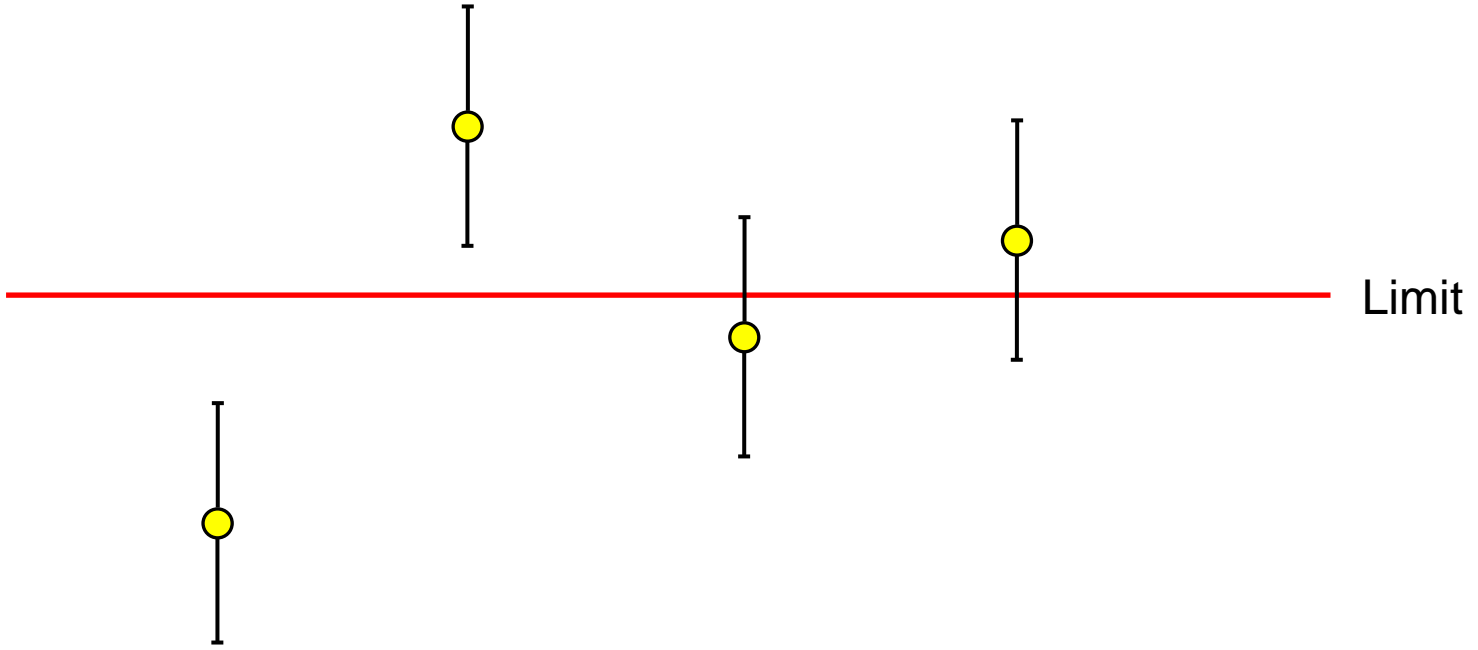


Strål
säkerhets
myndigheten

Swedish Radiation Safety Authority

How to deal with uncertainties in measurements and calculations when showing compliance with the directive?

Jimmy Estenberg





Measurements and uncertainty

- ➔ Choice of instrument
- ➔ Instrument settings
- ➔ Measurement set-up (antenna height, tripod or hand-held, etc.)
- ➔ Variations in field strength

What if none of these are standardised?



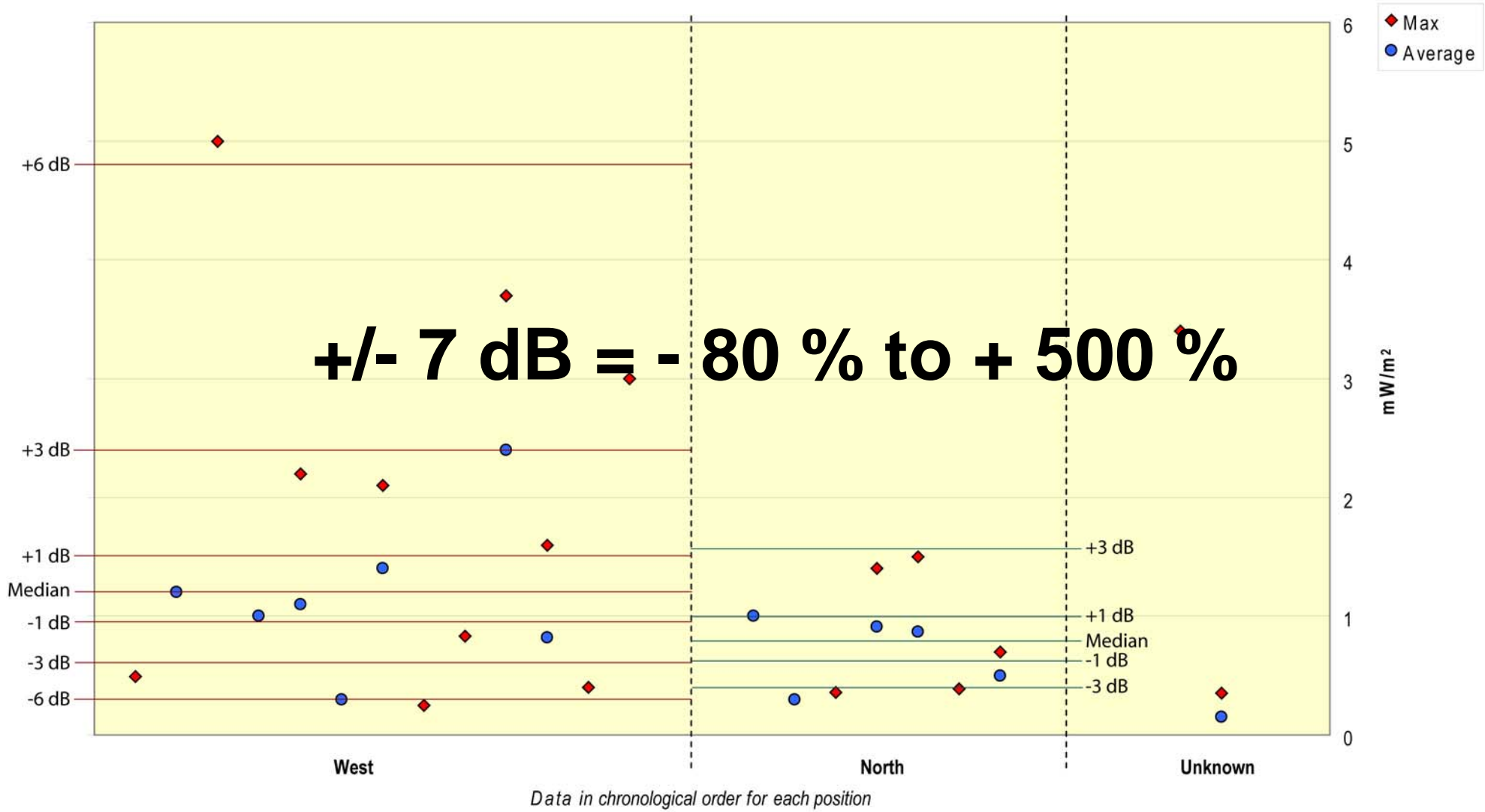
RF-measurements in a conference room

- 12 measuring teams
- 20 measuring equipments
- Individual set-up
- Individual instrument settings
- Time varying signals





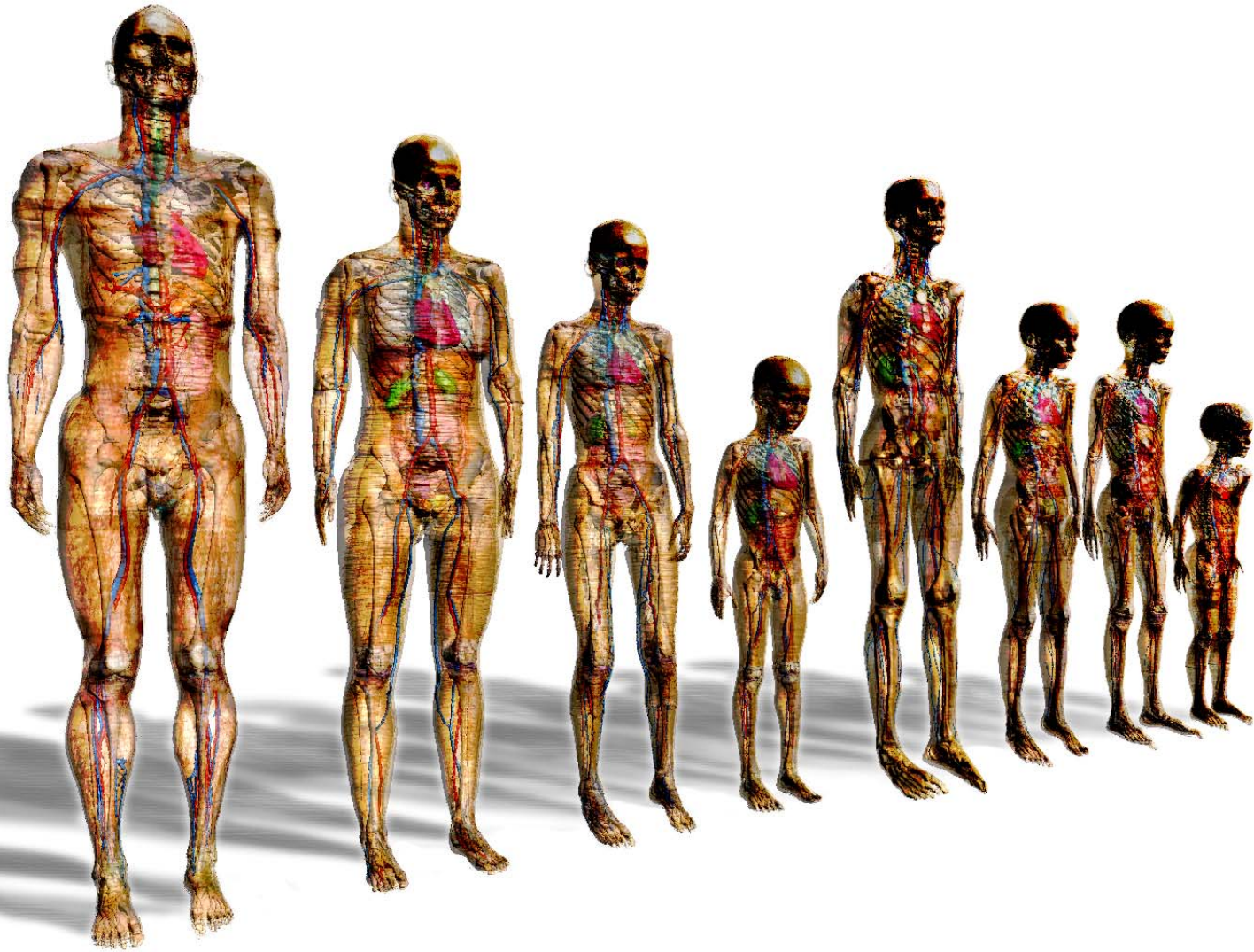
Conference room





Calculations and uncertainty

- Choice method
- Choice of model
- Input data



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