

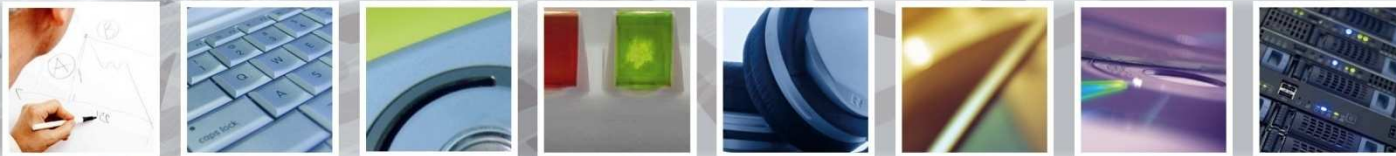
# Project Walter ETSI Workshop

Test equipment and related issues

Alan Dearlove

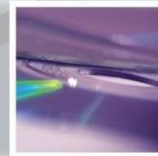
Project Technical Director

Held at ETSI 6<sup>th</sup> – 7<sup>th</sup> October 2009



# Agenda

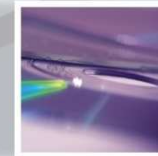
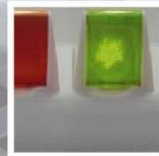
- ✓ Test Equipment:
  - Spectrum analysers
  - Vector Spectrum Analysers
  - Digital Storage Oscilloscopes
- ✓ Test Sites:
  - Anechoic chambers etc.
- ✓ Ancillaries:
  - Test set-ups





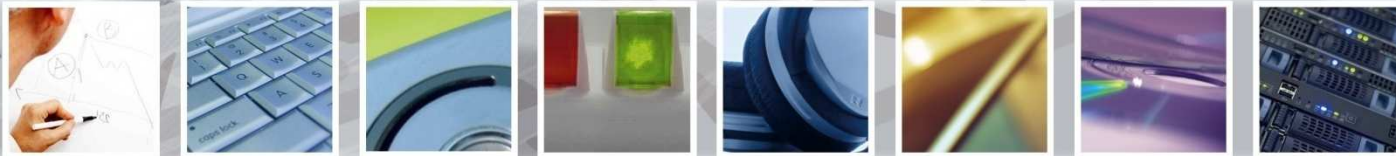
# Test equipment Walter deliverable 4.2

- ✓ Standard requirements:
  - Fit for purpose
  - Calibration
  - Temperature control
  - Test set-ups
  - Measurement uncertainty
  - Accreditation



# Measurement receivers

- ✓ Spectrum Analysers
- ✓ Vector Spectrum Analysers
- ✓ Digital Storage Oscilloscope
- ✓ Review of RF Measurements for Walter V1+.ppt

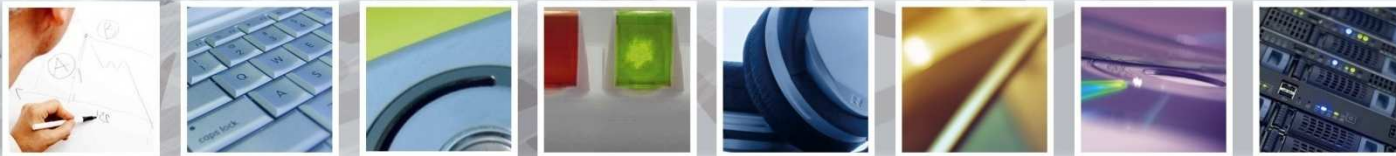




# Test Sites

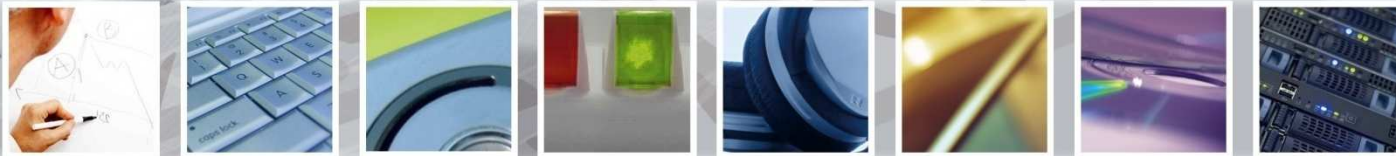
## ✓ Anechoic chambers:

- Fully lined
- Partially lined
- Physical size
- Frequency limitations
- Validation
  - Comparison Noise Emitter (CNE)



# Ancillaries

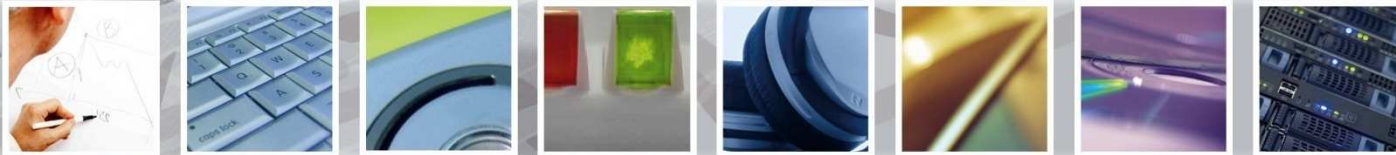
- ✓ Antennas and amplifiers
- ✓ Power supplies
- ✓ Cables
- ✓ Attenuators
- ✓ Power dividers
- ✓ Signal analysis
- ✓ Protocol testers





# WALTER Test set-ups

✓ [WALTER Docs\D5.2.doc](#)





# Contacts

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## Coordinator

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## Presenter

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