



M2M & Consumer Electronic Seminar

Mobile Broadband Devices Insight - Testing & Certification



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Overview

The industrial market place is increasingly moving closer to the wireless M2M sector. More and more consumer electronics applications are including broadband technologies. There are testing and certification requirements for these devices which are different than those for standard cell phones. Most manufacturers might not be fully aware of these requirements but AT4 wireless has thorough understanding of these and is prepared to address the full range of testing and certification requirements in this seminar. The seminar is intended to provide manufacturers with a complete guideline in meeting these requirements.

Who should attend

This seminar is being offered free of charge. The seminar has been prepared and will be presented by AT4 wireless' experts on testing and certification and is focused on all M2M and consumer electronic devices vendors: mainly HW/SW designers, validation/certification teams and project or program managers. This seminar will provide the best insight to all requirements that these products have to meet in order to successfully enter the global market place. The seminar will be a technical training session for those facing the prospect of managing complex certification and validation programs for a new line of products, whose main thrust is to provide worldwide wireless access to a multitude of applications.

Location

Parque Tecnológico de Andalucía
C/ Severo Ochoa, 2. 29590 - Campanillas
Malaga, Spain

Date

22 September 2009 - from 9:00 to 17:30

Agenda

9:00 - 10:40 - Devices with multiple wireless technologies:

- a) Introduction, market trends
- b) Impact of different wireless technologies on the same device:
 - Applicable testing
 - Certification approach - modular approval

10:40 - 11:00 - Coffee break

11:00 - 13:10 - Devices with multiple wireless technologies (*to be continued*)

- c) Key issues to know in advance
 - Performance RF testing (OTA)
 - SAR:
 - Collocated testing *Bluetooth/ Wi-Fi/ WWAN*
 - Maximum Exposure Calculations

13:10 - 13:30 - Q&A

13:30 - 14:30 - Lunch

14:30 - 16:45 - Certification Requirements

a) Regulatory certifications:

- CE
- FCC
- Other countries
- e-mark

b) WWAN private certifications:

- PTCRB
- GCF
- Operators Acceptance

c) Other private certifications (*Bluetooth*, Wi-Fi)

d) Considerations for family of products

e) Examples

- Netbooks, MIDs, Smartphones
- M2M

16:45 - 17:30 - Q&A

Speakers

Seminar organized and presented by AT4 wireless' experts:

Jose Antonio Jimenez - Mobile Communications Project Manager

Miguel Lacave - RF Consultant

Ricardo Orejas - Senior Certification Consultant

More information about the *speakers*.

Registration

On-line registration [here](#)

Registration Deadline: September 10th, 2009