



# General Policy Updates Session 1

Andrew Leimer  
Jim Szeliga  
Joe Dichoso  
Rashmi Doshi

**Federal Communications Commission  
Office of Engineering and Technology  
Laboratory Division**



# Topics

- Recent FCC Activity Highlights
- Software Configuration Control Guidance
- UNII Device Status
- BPL Guidance
- Part 90 Narrow Band Device Approval
- Hearing Aid Compatibility Review



# **FCC Recent Activities Highlight**

Rashmi Doshi



# Recent Developments

- **Anslys Waiver**
  - Waiver to allow use of FEM for specific applications
  - ET 10-166; DA 11-192 (Feb 1, 2011)
- **Part 87 ELT requirements**
  - Temporary stay of ELT requirements
  - WT 01-289; FCC 11-2 (Jan 11, 2011)
- **Establishment of technical criteria for 700 MHz Interoperatble Network**
  - PS 06-229; DA 10-2342 (Dec. 10, 2010)
  - Basic Interoperability requirements for specific Public Safety equipment in the 700 MHz band
  - Based on LTE standards
  - Conformance Testing Proposal and Other requirements
  - Establishment of criteria of evaluation of higher level interoperability



# Spectrum Related Initiatives

- Experimental and Marketing Rule changes (Part 5 rules)
  - ET 10-236; FCC 10-197 (Nov. 30, 2010)
  - Reply Comments – April 11, 2011
- Dynamic spectrum Access NOI
  - ET 10-237; FCC 10-198
- Spectrum Task Force – PN
  - ET 10-123; DA 11-444 (Mar 8, 2011)
  - Comments due April 22, 2011



# Experimental License NPRM: SIX TARGET AREAS

## Program Experimental License

Research

Innovation Zone

Medical

Market Trials

Consolidation and Streamlining

Targeted Rule Changes



# Experimental License NPRM: MARKET TRIALS

- Current rules
  - Generally, no marketing or operation prior to equipment certification
  - Limited market studies permitted under experimental rules
- Proposal
  - Clarify rules for marketing and operation prior to equipment certification
  - Ease restrictions on market studies and certain types of testing
  - Two types of trials
    - Product development trials
    - Market trials



# Experimental License NPRM: PRODUCT DEVELOPMENT TRIALS

- Product development trials
  - An experimental program designed to evaluate product performance in the conceptual, developmental, and design stages, and that typically requires testing under expected use conditions
- Experimental license required



# Experimental License NPRM: MARKET TRIALS

- A program designed to evaluate product performance and customer acceptability prior to the production stage, and that typically requires testing under expected use conditions to evaluate actual performance and effectiveness
- Experimental license required
- Sales of equipment between experimental licensees permitted
  - For example, between a manufacturer and a service provider
- Leasing of equipment to trial participants permitted
  - Devices must be rendered inoperable or retrieved at end of trial



## Experimental License NPRM: COMPLIANCE TESTING

- Current rules permit operation of devices for compliance testing, but do not eliminate requirement for licensing
- Asks how laboratories should be licensed for compliance testing
  - Specific provisions under Part 5 for labs accredited by accreditation bodies recognized by FCC for RF product testing?
  - Pattern after Program License?
- Asks about open area test sites



# Experimental License NPRM: OTHER PROPOSALS

- Consolidate all experimental rules into Part 5
  - Including broadcasting
- Eliminate developmental rules from various rule parts
- Anechoic chambers and Faraday cages
  - Codify existing practice of allowing operation without an experimental license
- Increase import limits
  - Currently 2000 for services requiring an operating license / 200 for others
  - Propose to increase limit to 1200 for services where no operating license required



# Questions and Answers

**Thanks!**