

Spectrum Monitoring

Requirements and Workflow

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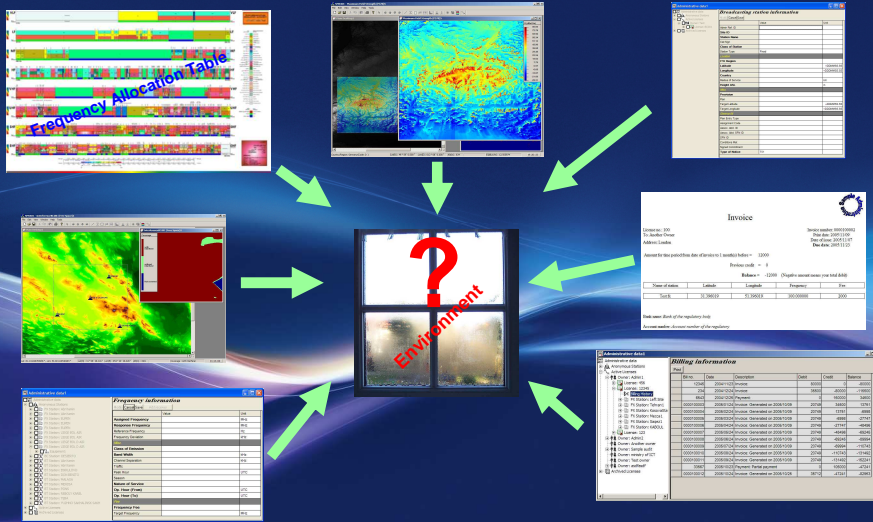
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Outline

- Purpose of Monitoring System
- Efficient Monitoring System
- Interface to Management System
- Workflow of measurement request

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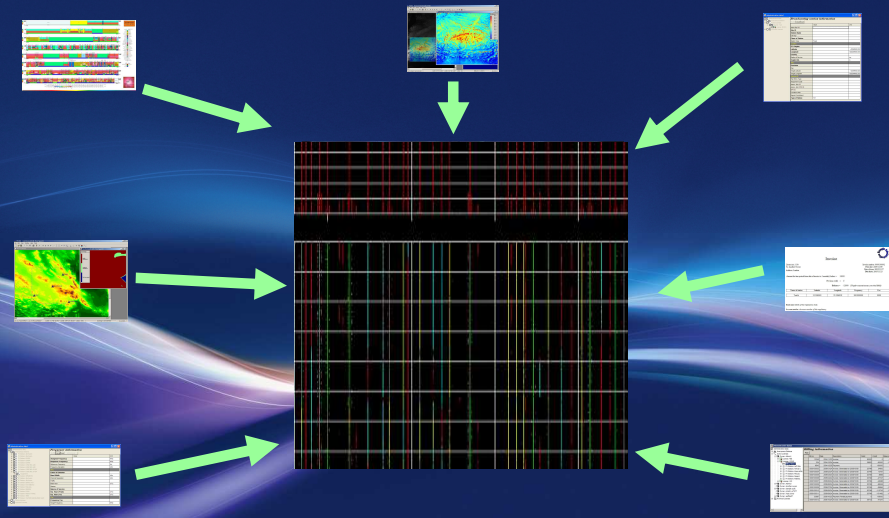
Purpose of Spectrum Monitoring System



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Purpose of Spectrum Monitoring System



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Efficient Monitoring System

Spectrum Management System

Spectrum Monitoring System

Efficient Monitoring System

Spectrum Management System

Automatic processing

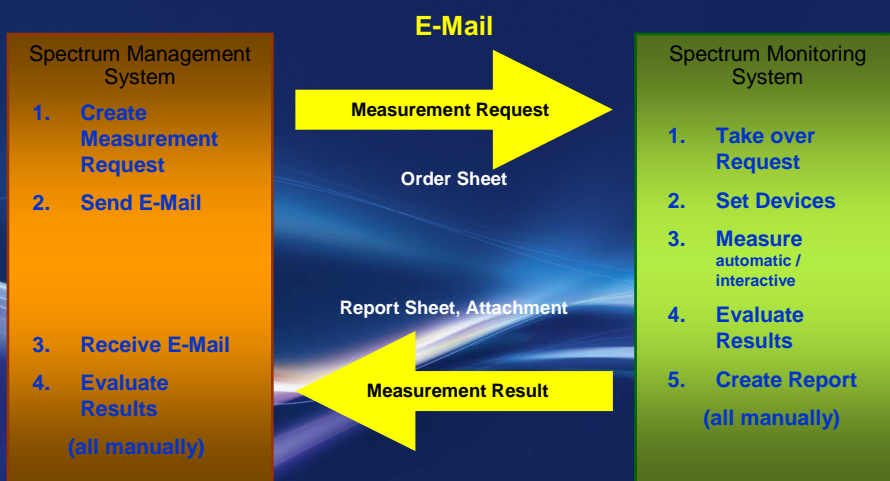
Spectrum Monitoring System

Automatic processing

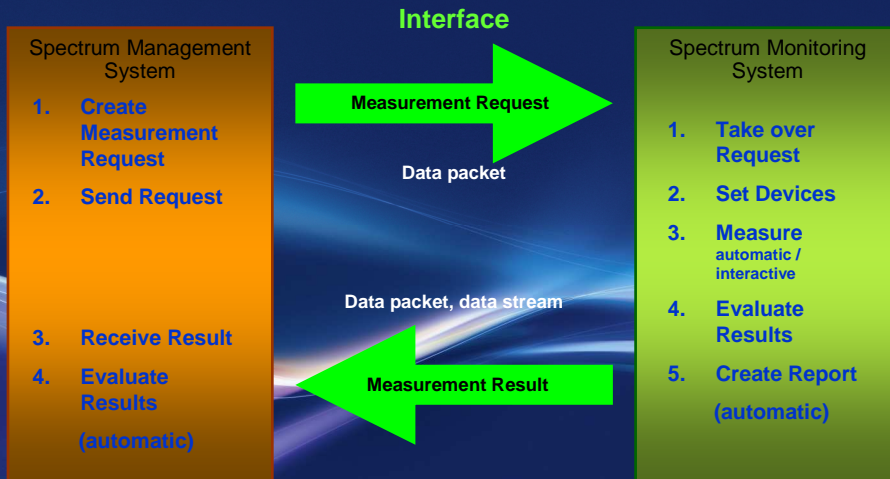
Workflow of measurement request



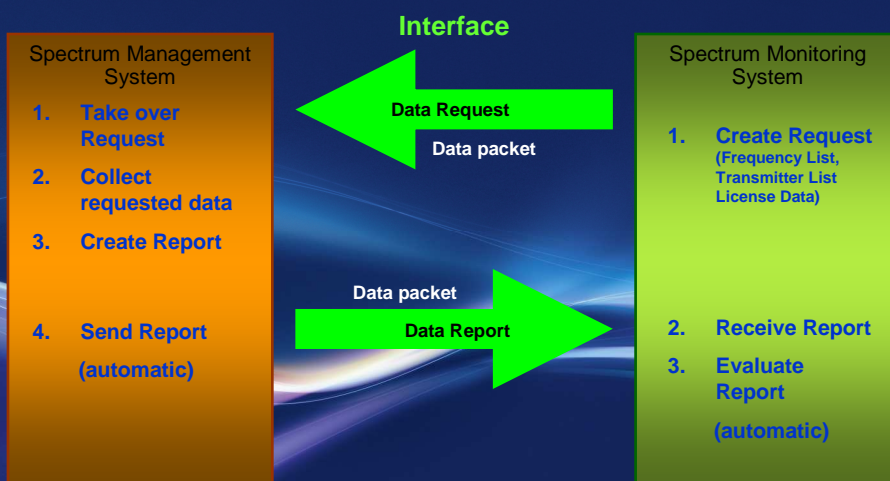
Workflow of measurement request



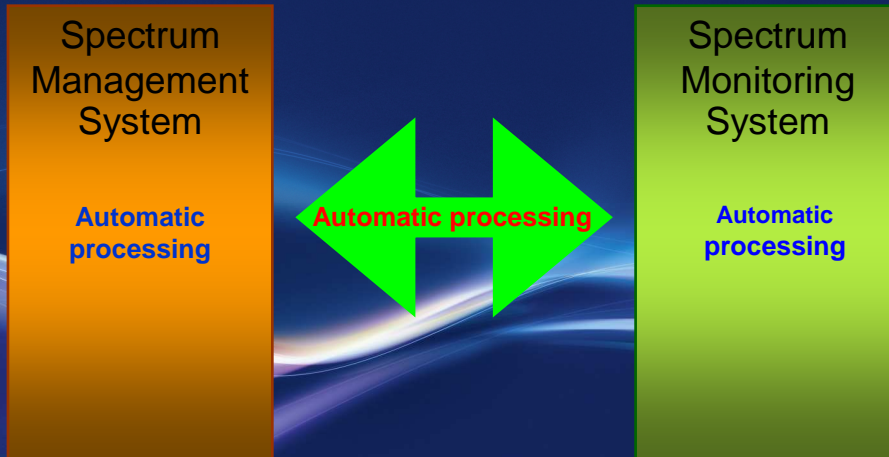
Workflow of measurement request



Workflow of data request



Efficient Monitoring System



Benefit

- Measurement request will be immediate processed
- Measurement results are immediately available for Spectrum Management Operator
- Less staff requirement
- Regular procedure can run automatically

Measurements on TV Transition

Pre Transition Phase

- Check frequency ranges foreseen to clear up

During Transition Phase

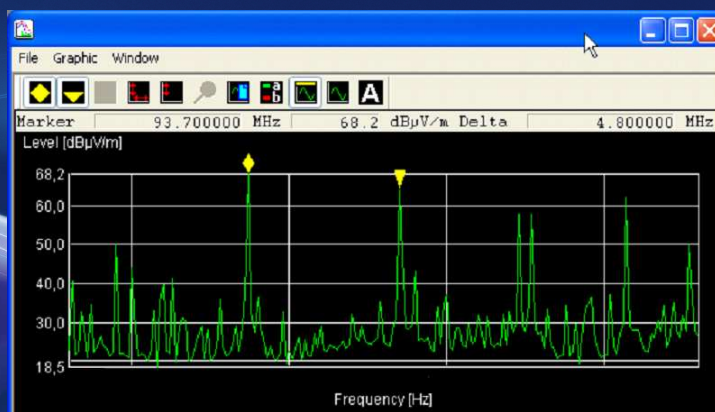
- Measure transmitter data according to license
- Measure coverage, to verify planning data
- Check frequency range to prevent interference

After Transition Phase

- Measure transmitter according to license (Level, MER, Mask)

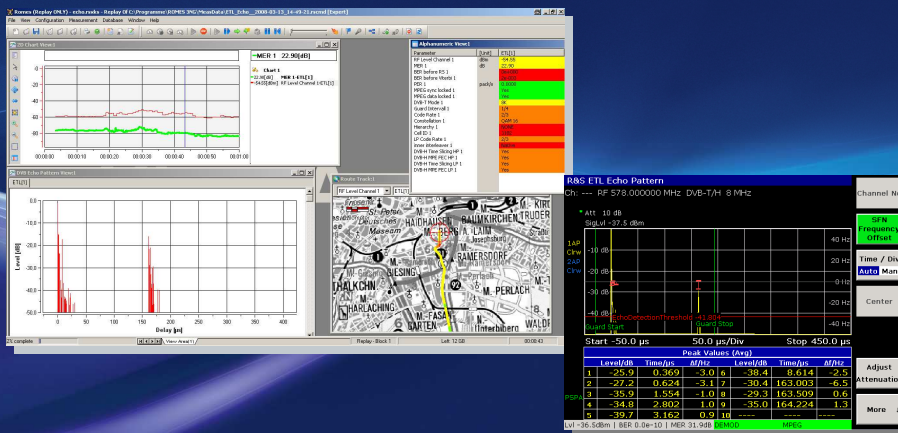
Measurements on TV Transition

- Check frequency ranges foreseen to clear up



Measurements on TV Transition

➤ Measure coverage, to verify planning data

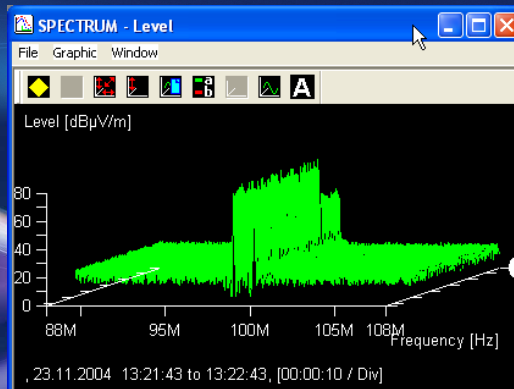


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Measurements on TV Transition

➤ Measure transmitter according to license (Level, MER, Mask)

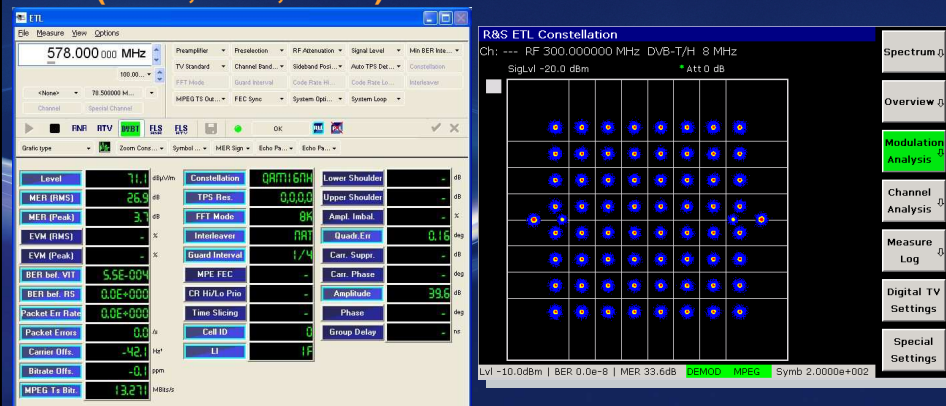


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Measurements on TV Transition

- Measure transmitter according to license (Level, MER, Mask)

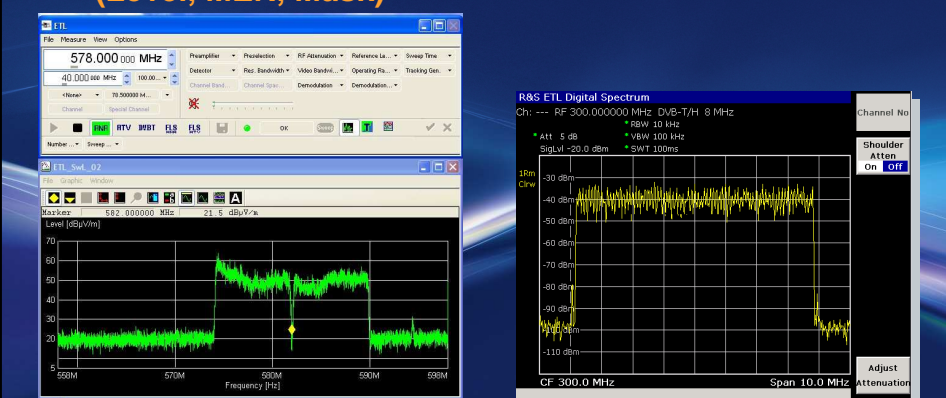


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Measurements on TV Transition

- Measure transmitter according to license (Level, MER, Mask)



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Measurements on TV Transition

- Measure transmitter according to license (Level, MER, Mask)



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??? Any Questions ???

Thank you for your attention

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