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| **technical** |  |
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| **17 April 2012** |
| **English only** |
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**Workshop on**

**Frequency and Network Planning Aspects of DVB-T2**

**Monday, 23 April 2012 at 14:00 hou**rs

(Room C, ITU Tower)

1. **System Aspects of DVB-T2 related to Frequency and Network Planning -   
   By Chris Nokes (BBC)**
   1. Bandwidth, FFT size, modulation scheme, guard interval
   2. C/N
   3. Rotated constellation, scattered pilot pattern, time interleaving
   4. MISO, physical layer pipes, FEF, TFS
   5. DVB-T2 Lite/NGH
2. **Frequency and Network Planning Aspects of DVB-T2 –   
   By Dr Brugger (IRT)**
   1. Signal levels for planning
   2. PR and overload thresholds
   3. Receiver modelling (Synchronisation, equalization interval EI)
   4. SFN extension
   5. Implementation scenarios
3. **Regulatory and Specific Implementation Aspects of DVB-T2 -   
   By Elena Puigrefagut (EBU)**
   1. DVB-T2 in GE06
   2. Transition aspects
   3. Specific implementation scenarios/Country situation

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