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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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