Air interface

Physical overview

- PLP allocation
- Versatile PLP mapping from 1 up to 64 (min 4 in parallel for demod)
- PLP number from 50ms to 5s
- Bitrate: Max 8Mhz: 78.5Mbps (SISO) - 157Mbps (2x2 MIMO)
- FFT size: 8K; 16K; 32K
- Transmission mode: SISO, MISO, MIMO, Channel bonding
- Modulation: QPSK ; NUC 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
- BCH; CRC + LDPC
- FEC length

Architecture

Service Acquisition

- ContentInfo (Ra)
- ContentInfo (Rv)
- Representation (Ra)
- AdaptationSet
- Segment URL (video/Seg#1)

Signaling

- BroadcastSvcSignaling
- BroadcastSvcRoot
- BroadcastSvc

Protocol Stack

- User Service Bundle Description
- User Service Description