

A central graphic depicts a globe with yellow and blue continents, surrounded by three large, 3D-style orange arrows forming a circular path. The globe is set against a light blue circular background with abstract white and yellow patterns.

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Questions

- From the ;last call
- Deep Sleep – covered in Annex E section E3 (f)
- In home network Access point allowances was 50
- And a new one
- Should community Wi-Fi have a separate allowance?

Suggested Changes

- **Roll up the return path functionality into the base allowance (removing the return path functionality allowance)**
 - To simplify the tables – all CSTBs have this functionality
- **Reduce the IP and terrestrial allowances by 10**
 - The current allowances are too generous in comparison with cable and Satellite
- **Reduce the return path Technical interfaces DOCSIS 2 from 40 to 20**
 - The current allowance is too generous
- **Reduce the return path Technical interfaces DOCSIS 3 from 50 to 30**
 - The current allowance may be too generous for latest generation silicon
- **Reduce access to additional channels from 15 to 10 and clarify**
 - The current allowance does not recognise improvements in silicon
 - Clarify the additional channels shall be AV channels, not data
- **Add access to additional Channels to IP at 5**
 - There is no allowance for additional channels in IP boxes, which carry an overhead for multichannel

Suggested Changes

- **Reduce in-home networking access point from 50 to 20**
 - The allowance was initially over generous
- **Reduce VOIP allowance from 20 to 15**
 - The allowance was over generous
- **Delete multi encode and multi decode**
 - Replace with new multiroom / multidevice allowance
- **Multiroom / multidevice – new allowance of 40 replaces Multi decode, multi encode and in-home networking – ability to supply content either directly or via client boxes to at least 2 additional devices (copy US approach), take either multiroom or in home networking, but not both**
 - Simplifies the calculations and more closely reflects the practical implementations
- **Add additional allowance for additional non-AV tuners 20 per 4 bonded channels**
 - Addresses the additional power used by Internet tuners on Gateways –delete additional channels in return path technical interfaces
- **MIMO Wi-Fi definitions to be added**

Typical products

Product	Current V4	Proposed	E*
Sat HD zapper 1080i	55	55	65
Sat HD zapper 1080p	75	75	65
Cable HD zapper 1080i	105	95	106
Cable HD zapper 1080p	115	105	106
IP HD zapper 1080p	70	60	65
Sat HD DVR 4 tuner 1080p	140	125	126
Cable HD DVR 4 tuner 1080p	180	155	151
IP HD DVR 4 Tuner 1080p	90	95	116
Sat HD DVR multiroom 4 tuner 1080p	190	165	182
Cable HD DVR multiroom 4 tuner 1080p	230	195	223
Sat HD DVR gateway 11.ac Wi-Fi 4 tuner 1080p AP	266	206	204
Cable HD DVR gateway 11.ac Wi-Fi 4 tuner 1080p	306	236	245

Test method

- Annex E1
- J – change requirement from one additional display to 2 additional displays for the multiroom allowance
- L – Change requirement from transferring AV to transferring Data over the HNI at a min of 256kb/s in each direction
- Annex E9 – HNI – follow standard tests of E3-E8 + in parallel transfer data upstream and downstream at a min of 256kb/s over the HNI port
- New Annex E10 –Multiroom – test per E3-E8, but also output independent content to 2 further displays a min of 720p either direct to displays or via thin clients

The end

That's All Folks

(unless there's questions)