ISART

Day 4: Innovation & Research

Business Panel

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T-Mobile
T-Mobile History of Innovation

- Early embracer of Wi-Fi
  - Global network of 45K HotSpots, including 10K in US
- First US carrier to launch Unlicensed Mobile Access (UMA), standardized in 3GPP Rel. 6 as Generic Access Network (GAN)
  - Blackberry Bold and Nokia E73 -- latest phones with Wi-Fi calling (2Q2010)
- First to launch Android handset globally (T-Mobile G1)
  - Largest number of Android handsets of any US carrier
The concept of ‘unused spectrum’ is not self-evident.

“[U]nused by one user does not mean unusable for another user or application. On the other hand ‘no signal present’ does not necessarily mean that the frequencies are potentially available.”

Yet this ultimately will not be enough, and DSA will have a role to play.
Promising USG remarks this week on possible additional sharing in temporal/geographic domains.

- Previous government efforts commendable
- Appropriate to move beyond traditional binary views

- Journey of a thousand steps . . .
  - Look beyond the usual suspects
- Let’s stipulate import of services involved
Thank you.

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