
To: Commerce, Industry and Technology Bureau of Hong Kong

From: Alcatel-Lucent

Date: 2007/04/12

Subject: Alcatel-Lucent's answer to Hong Kong Consultation on Mobile TV

Dear Sir and Madam,

Having carefully read the consultation document issued by the Commerce, Industry and Technology Bureau of Hong Kong Special Administrative Region, we would suggest you to add the following elements:

In section D - (a) "What is Mobile TV?"

We suggest adding a brief description of DVB-SH:

"The DVB-SH standard is a standard from the DVB Forum. The final specifications have been approved on February 14th 2007. It is an evolution of DVB-H standard adapted to higher frequencies (up to 3 GHz). This standard allows both an hybrid (satellite and terrestrial) system for direct signal reception on a mobile device, or a purely terrestrial broadcasting system.

A possible implementation of this standard is in S-Band, especially the 2.17-2.2 GHz Band or around 2.6 GHz. In these cases, the proximity of UMTS Band makes this solution 3G-friendly, and allows cheapest deployment costs for the terrestrial network by reusing 3G sites and antennas to provide the required urban indoor availability."

In Section E-(d) "Band availability"

It would also be worth mentioning that the S-Band part is not only 2500-2690 MHz, but also 2170-2200 MHz, which is allocated to MSS services in the ITU system.

In Annex part (b) "Trial run in progress"

In DVB-SH part, it is mentioned that the *"project (is) to create a standard of hybrid terrestrial and satellite mobile TV based on DVB-H technologies..."*

As the DVB-SH standard specifications has been formally released in February 2007, we propose to change this sentence by *"This hybrid terrestrial and satellite DVB-SH standard will enable the delivery of mobile TV service to whole Europe"*.

We would also suggest to replace "Alcatel" with "Alcatel-Lucent" since the two companies merged on the 1st December 2006.

We thank you for your support.

MEMO

To know more about Alcatel-Lucent

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