

PCC.II/REC. 30 (XVIII-11) ¹

FREQUENCY ARRANGEMENTS OF THE 698–806 MHZ BAND IN THE AMERICAS FOR BROADBAND MOBILE SERVICES

The XVIII Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) That there is a need in the Region 2 countries to fulfill the fundamental objectives of universal access and service of our citizens to the Internet and the Information Society as they are a key element for the economic development and advancement of our societies, especially in developing countries;
- b) That there are communities, especially rural communities and those far away from large population areas, that are underserved compared to those in urban centers;
- c) That, for many citizens of our countries, mobile service will be the first and probably the only means of access to the Internet and the Information Society;
- d) That in many developing countries and countries with large areas of low-population density, the sustainable implementation of broadband mobile services is required;
- e) That, in view of the geographical reach and topographic diversity of the region's countries, it is indispensable to foster the rollout of wireless infrastructure because it is difficult to reach all areas with wireline networks.
- f) That digitalization of analog television and the resulting digital dividend constitute an opportunity of the utmost importance for substantially reorganizing and reallocating the radio spectrum, which is a scarce national resource and must be allocated in accordance with the best use required by a country's inhabitants;
- g) That technological developments enable the possibility of having mobile broadband available anywhere in the country and for all its citizens, and as such it is being incorporated into the public agenda of many Administrations as a "Digital Agenda" or "National Broadband Plans."

RECOGNIZING:

- a) That the 2007 World Radiocommunication Conference (WRC) identified various blocks of spectrum in the range of 698 to 960 MHz for International Mobile Telecommunications (IMT), in Regions 1, 2 and 3;
- b) That such World Radiocommunication Conference resolved to have an identification for IMT in the segment 698–806 MHz in Region 2, given the benefits and freed-up spectrum obtained as a result of digitalizing analog television (Digital Dividend);

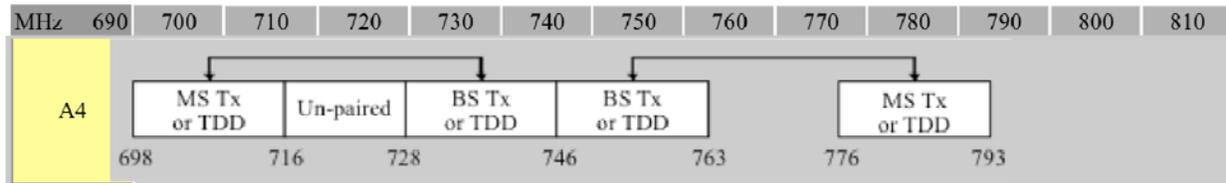
¹ CCP.II-RADIO/doc. 2851/11 rev.2

- c) That spectrum harmonization among the countries of a region or in different regions is vital because it provides the benefits of economies of scale, which increases the possibility of access to lower-income sectors;
- d) That the development of new technologies that will facilitate the rollout and substantially improve the capacity of IMT systems, achieves its greatest efficiency through the use of large contiguous spectrum blocks;
- e) That efficient channeling of the band has a direct impact on the design of equipment and telecommunications networks and therefore on the necessary investment;
- f) That the necessary measures should be taken to protect existing or planned services in the adjacent bands;
- g) The importance of the harmonized use of this band for mobile broadband,

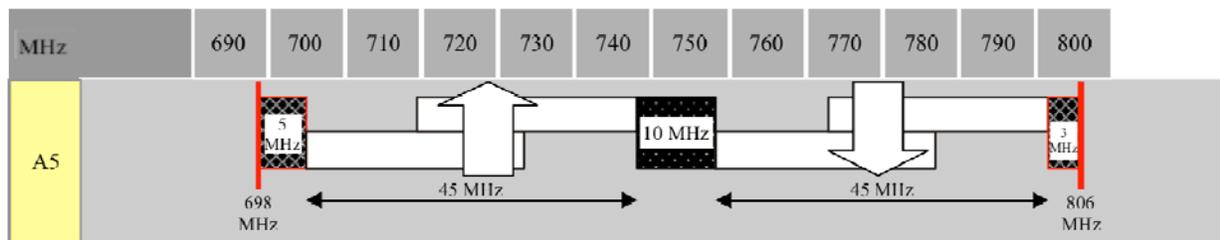
RECOMMENDS:

1. That CITEL Administrations that plan to use the 698 to 806 MHz band for broadband mobile services, consider for such segment the adoption of one of the channeling options specified in the Draft Revision of ITU-R Recommendation M.1036-3, including the related notes, adopted in the framework of Study Group 5, as described below:

1.1. Option 1



1.2. Option 2



With the adoption, in any case, of the measures needed to protect the radio broadcasting service and ensure RFI compatibility among broadband mobile services.

2. That CITEL Administrations carry out the cross-border coordination needed for the protection of existing or planned services in accordance with the applicable bilateral and multilateral instruments, taking into account the Radio Regulations.

3. That Administrations that plan to use the 698 to 806 MHz band for broadband mobile services, consider a co-primary allocation to mobile service in this spectrum range to achieve allocation harmonization in Region 2.

RESOLVES:

To revoke Recommendation PCC.II/REC. 18 (VII – 06).