

## WRC-15 RESULTS

470 MHz

UHF BAND



694 MHz

790 MHz

3.4 GHz



C BAND

4.2 GHz

### UHF band (470 - 694 MHz)

**EBU objective: no change**



The EBU is pleased to report that Region 1, most of Region 3 and South American countries in Region 2 have secured spectrum to facilitate investments that will stabilize Digital Terrestrial Television (DTT) well into the 2020s. A small number of countries in North America (Canada, USA, Mexico, Colombia, and some Caribbean islands), Asia (Bangladesh) and Oceania (New Zealand, and some Pacific Islands) have allocated a portion (614 – 698 MHz), or the whole (470 – 698 MHz) of the UHF band to mobile broadband.

### 700 MHz band (694 - 790 MHz)

**EBU objective: ensure adequate protection**

The lower edge of the 700 MHz band is confirmed at 694 MHz and the GE06 provisions put in place to protect DTT have been retained. WRC-15 decided that Region 1 IMT user equipment emissions (using 10 MHz bandwidth or less) should not exceed - 42 dBm/8 MHz into the lower UHF band (470-694 MHz).

### C band (3.6 - 4.2 GHz)

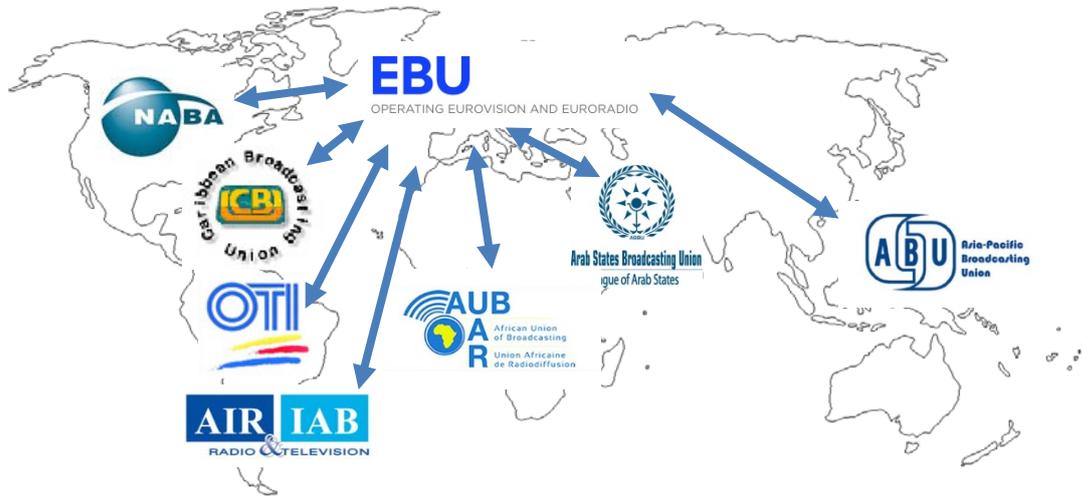
**EBU objective: no change**

	Region 1	Region 2	Region 3
C-Band 3.4-3.6 GHz	Mobile	Mobile	No Change with footnotes
C-Band 3.6-4.2 GHz	No Change	No Change	No Change

3.4 - 3.6 GHz will be allocated to mobile services and identified for IMT, but with appropriate protection for satellite services.

WRC-15:	WRC-19:	WRC-23:
- UHF band ✓	5G spectrum could be allocated above 24 GHz, affecting a number of satellite contribution bands, and one broadcasting band. Other relevant subjects to follow: - VHF Band 1 - Wireless power transmission - L-Band	WRC-23 will consider possible regulatory actions in Region 1 UHF: 470 – 694 MHz, but only on the basis of the ITU: - review of spectrum use and needs in the whole 470 - 960MHz range (including broadcasting and mobile) - sharing and compatibility studies in the 470 - 694 MHz band.
- 700MHz band ✓		
- C-band ✓		

## EBU Broadcasters Coordination Group during WRC-15



Global effort with 8 sister unions



15 coordination meetings chaired by EBU



45 active participants

### EBU stand in the WRC-15 exhibitor area



Live transmissions of 2 x 4k UHDTV over DVB-T2/HEVC on Channel 43 with help from TDF, Samsung, FTV and RTVE.



DVB-T/T2 services delivered over WiFi at home, using the EBU's DTT2IP Project.



Wide range of targeted EBU documentation distributed to over 400 individual visitors.



6 presentation events focusing on the value and innovation in DTT.

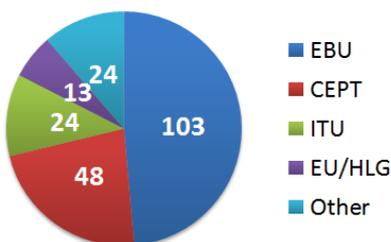
### EBU media coverage during the conference



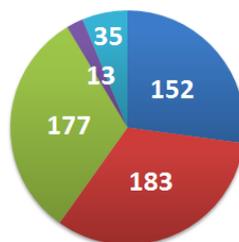
2 press releases, picked up by more than 20 media outlets  
4 news items on ebu.ch and tech.ebu.ch  
Social media coverage

### EBU preparation activities for the conference (over the last 4 years)

Meetings



Meeting days



EBU contributions

