

RECOMMENDATION ITU-R BT.798-1

DIGITAL TELEVISION TERRESTRIAL BROADCASTING IN THE VHF/UHF* BANDS

(Question ITU-R 121/11)

(1992-1994)

The ITU Radiocommunication Assembly,

considering

- a) that Question ITU-R 121/11 addresses the terrestrial broadcasting of digital HDTV signals;
- b) that digital television terrestrial broadcasting (which includes HDTV) may be introduced by some countries in the VHF/UHF bands;
- c) that the VHF/UHF bands are currently used for analogue television broadcasting (Recommendation ITU-R BT.470) , and they are quite congested in some countries;
- d) that consequently the VHF/UHF terrestrial bands will likely be shared between analogue television broadcasting and digital television broadcasting,

recommends

- 1. that digital television terrestrial broadcasting should fit in the channels (6, 7 and 8 MHz) intended for analogue television emission in the VHF/UHF bands;
 - 2. that digital television terrestrial broadcasting, as an objective, should not cause interference subjectively greater than that considered acceptable with current broadcasting services in the VHF/UHF bands;
 - 3. that digital television terrestrial broadcasting should have sufficient immunity against interference to be able to co-exist with current broadcasting services in the VHF/UHF bands.
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* VHF/UHF television broadcasting is contained in bands I-V