

ITU Regional Frequency Coordination Meeting on the use of the VHF (174-216 MHz) and the UHF (470-806 MHz) bands for Central America and Caribbean Region

**Principles for the establishment of the reference list
-Coordinated and agreed digital requirements in the VHF and UHF frequency bands-
Belize-City: 11-14 September 2018**

Following Recommendations 2 and 4 adopted by the Panama meeting (7-11 May 2018), the reference list of coordinated and agreed channels includes all digital requirements with assignable channels resulting from the last iterations (VHF: 27 and UHF: 40) run in Belize City on 13 September 2018.

The iterations were run using the software tools “CA_compat” and “CADisplay” provided by the ITU/BR to perform and analyze the results of the compatibility analysis between digital requirements¹ and existing frequency assignments².

A digital requirement is included in the reference list if:

1. The calculated interference margin does not exceed a **limiting** (also identified as maximum acceptable) **margin³ of 4dB** with respect to the affected digital requirements and digital TV assignments recorded in the MIFR, and
2. The calculated interference margin does not exceed a **limiting margin of 0.5dB** with respect to affected analogue TV assignments recorded in the MIFR, and
3. The calculated interference margin does not exceed a **limiting margin of 1.0 dB** with respect to affected assignments of other primary services recorded in the MIFR.
4. A digital requirement not fulfilling the above conditions has been **successfully coordinated** with affected assignments/requirements of other countries, whose names are reflected in COORD section of the submitted T02 electronic notice of the digital requirement in question.

Interference within the same country and interference received by the requirement are calculated but not taken into account to determine its inclusion in the reference list.

Administrations are expected to coordinate the new requirements with the concerned administrations and to include the coordination information in the COORD Section of the electronic notification files for the last iterations (VHF: 27 and UHF: 40).

¹ Submitted frequency channel to be used for a planned digital television station.

² Analogue/Digital television and Fixed and Mobile frequency assignments recorded in the MIFR.

³ The meaning of margins is explained in Document **INFO 4 - Coordination margins** (https://www.itu.int/en/ITU-R/terrestrial/broadcast/Americas/Documents/Info/INFO-4-E_margins.pdf)