CAC Planning Parameters

- **March 2017**
  - The Radiocommunication Bureau submitted the Document 6A/237 to seek advice from WP 6A concerning the technical parameters to be used in the compatibility analyses involving DTT planning in Central American and Caribbean Region.
  - WP 6A decided to establish a Rapporteur Group, that was coordinated by Thiago Soares (Brazil). Doc 6A/242 Annex 16

- **October 2017**
  - Document 6A/237 was reviewed and the RG proposed in WP 6A the developement of a Working document towards a preliminary draft new Report ITU-R BT.[DTTPLANNINGCAC] - Technical criteria for DTT planning in Central American and Caribbean Region. Doc 6A/318 Annex 05

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- **April 2018**
  - At its April 2018 meeting Working Party 6A received a contribution from Brazil (6A/375) proposing modifications to the document. The meeting agreed to attach the revised document as a preliminary draft new Report ITU-R BT.[DTTPLANNINGCAC] to the Chairman's Report for further considerations at the next meeting. Document will be available at an Annex of 6A/387.
- **October 2018**
  - Is expected that the document receives further considerations in other to advance on its approval as a ITU-R Report.
  - It is important to notice that the parameters were taken from in force ITU-R Recommendations and Reports, which are properly referenced in each table in the next sections. Therefore, these parameters may also be applicable to evaluate the compatibility between different TV systems in other regions of the world.

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- **Main Parameters**
  - Propagation prediction: Recommendation ITU-R P.1546-5
    - For 90% of time (needed for planning ATSC and ISDB-T), the formula described in Report ITU-R BT.2383-1 states that the Recommendation ITU-R P.1546 can be applied also for 90% of time:

      FS (90% of time) = FS (50% of time) – [FS (10% of time) – FS (50% of time)]

  - Minimum Field Strength: Tables 1 and 2
  - Protection Ratios: Tables 4 to 14