

*Preliminary GSC position  
L-Band*

**Goal: To ensure that current & planned MSS operations in the bands 1518-1559 MHz are protected from adjacent band operations**

- **Issue:** Resolution 223 (Rev.WRC-15) invites ITU-R to develop harmonized frequency arrangements to facilitate IMT deployment in the frequency band 1427-1518 MHz, taking into account the results of sharing and compatibility studies with the MSS in adjacent bands.

- **Background:** Terrestrial IMT operations in the band 1427-1518 MHz have the potential to cause harmful interference into MSS downlinks in the adjacent band, including those used for GMDSS and AMS(R)S.
- The issue is not explicitly on the agenda for WRC-19, but could be addressed at WRC-19 as a review of the studies required in Res 223. Studies are ongoing in WP 5D and WP 4C.

**GSC Position**

- Technical measures such as emission limits and deployment constraints are required on IMT systems in the band 1427-1518 MHz, to provide compatibility with current and future MSS operations in the band 1518-1559 MHz.
- To support that technical measures should be developed in an ITU-R Recommendation to ensure that current and planned MSS operations in the bands 1518-1559 MHz are protected from interference from terrestrial IMT deployment in the adjacent band 1427-1518 MHz.