

Overview of 6GHz in India

Punit Rathod, Ph.D



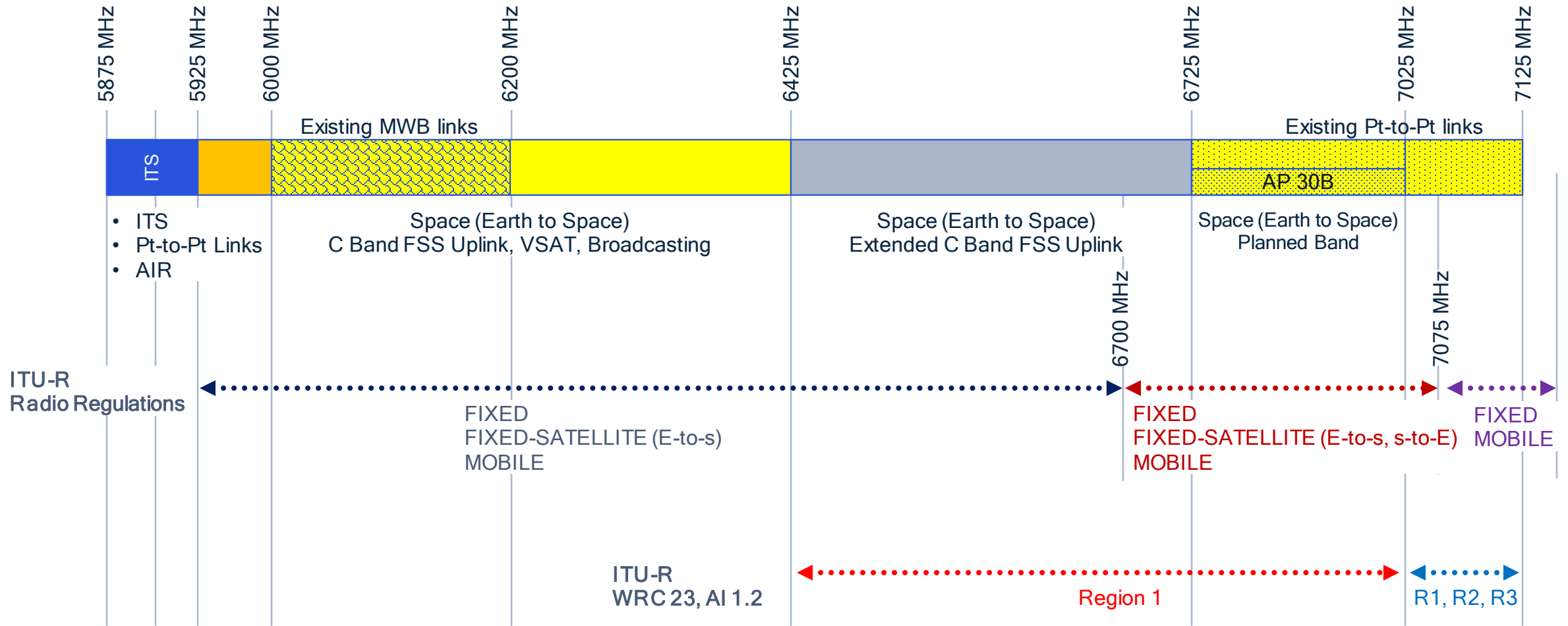
6 GHz Spectrum Situation in India

Spectrum Allocation in India

Spectrum Band	Services	Remarks
5925 - 6700 MHz	FIXED FIXED SATELLITE (E-to-s) MOBILE	Note 1
6700 - 7075 MHz	FIXED FIXED SATELLITE (E-to-s, s-to-E) MOBILE	Note 1 Note 2 Note 3
7075 - 7145 MHz	FIXED MOBILE	Note 1

- **Note 1:**
 - 6425-7075 MHz: passive microwave sensor measurements are carried out over the oceans.
 - 7075-7250 MHz, passive microwave sensor measurements are carried out.
- **Note 2:**
 - In making assignments in the band 6700-7075 MHz to space stations of the fixed-satellite service, administrations are urged to take all practicable steps to protect spectral line observations of the radio astronomy service in the band 6650-6675.2 MHz from harmful interference from unwanted emissions
- **Note 3:**
 - The space-to-Earth allocation to the fixed-satellite service in the band 6700-7075 MHz is limited to feeder links for non-geostationary satellite systems of the mobile-satellite service.

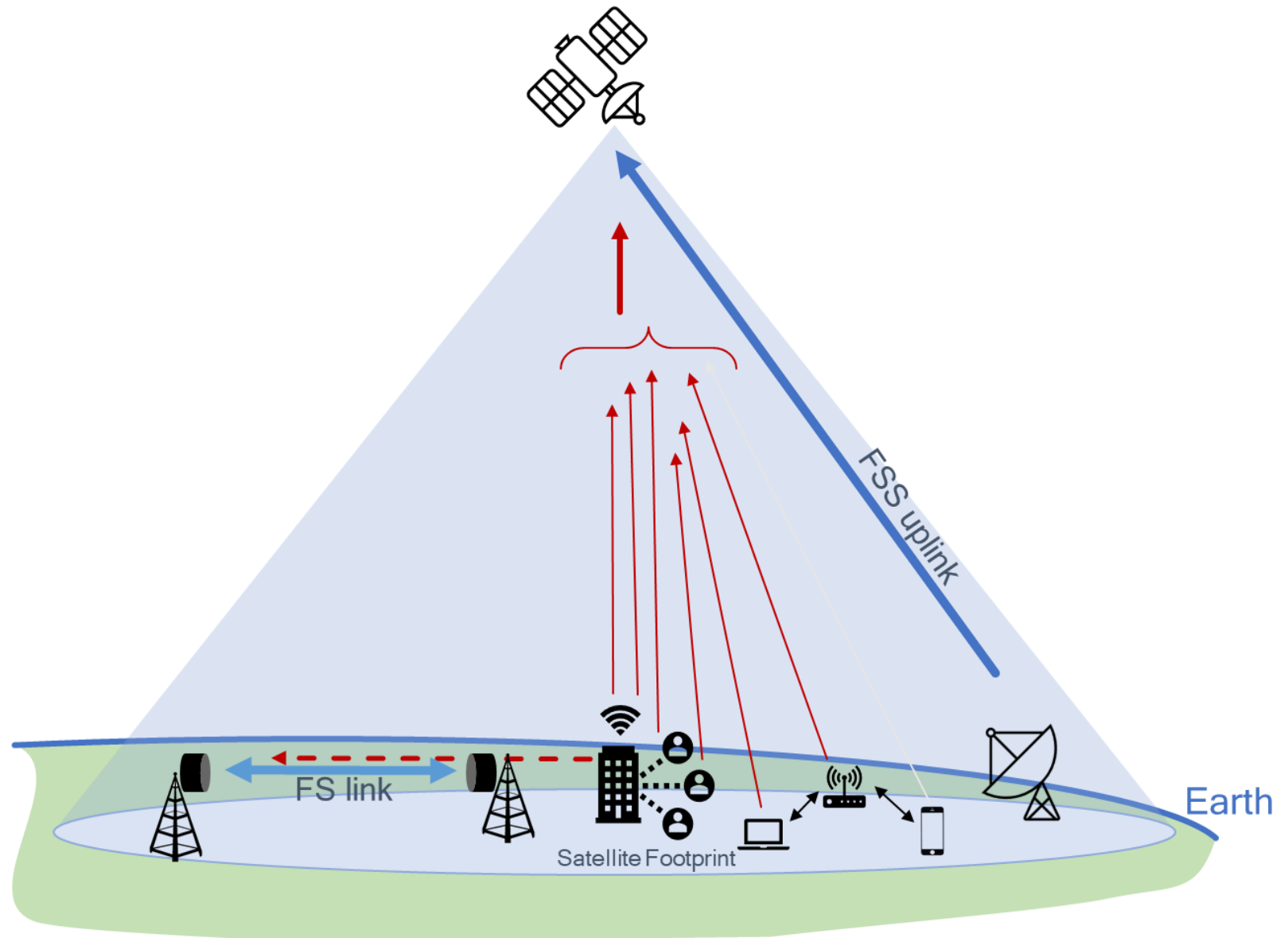
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Coexistence Scenarios

Incumbents

- FSS (E-to-s)
- FS (Pt-to-Pt links)



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