

RECOMMENDATION ITU-R SA.1415

**SHARING BETWEEN INTER-SATELLITE SERVICE SYSTEMS
IN THE FREQUENCY BAND 25.25-27.5 GHz**

(Question ITU-R 225/7)

(1999)

The ITU Radiocommunication Assembly,

considering

a) that the 25.25-27.5 GHz frequency band is allocated to the inter-satellite service, limited by No. S5.536 of the Radio Regulations to space research and earth exploration-satellite applications, and also transmission of data originating from industrial and medical activities in space;

b) that requirements for both data relay satellite link systems and proximity link systems have been identified for the 25.25-27.5 GHz band,

recommends

1 that proximity link systems utilize the 25.25-25.60 GHz and 27.225-27.5 GHz portions of the allocation and data relay satellite link systems utilize the remainder of the allocation when both systems are implemented on a common space platform;

2 that standard sharing mechanisms, such as time sharing, spatial diversity, antenna polarization and frequency diversity be used to share the allocation in other circumstances.
