

Recommendation 6-1R4

**INTERFERENCE FROM SPACE-TO-SPACE LINKS
BETWEEN NON-GEOSTATIONARY SATELLITES TO OTHER SPACE SYSTEMS
IN THE 2025 X 2110 and 2200 X 2290 MHz BANDS**

The SFCG,

CONSIDERING

- a) that space-to-space transmissions between two or more non-geostationary satellites shall not impose any constraints on other space systems (ITU RR 750A);
- b) that the planned increase in the number of space-to-space links between non-geostationary satellites will nevertheless raise the likelihood of harmful interference;

RECOMMENDS

that the power spectral density of space-to-space links between non-geostationary satellites be reduced by using appropriate modulation techniques and channel coding in accordance with CCSDS recommendations, in order to reduce the potential for harmful interference to space-to-Earth, Earth-to-space, and other space-to-space transmissions, involving at least one geostationary satellite.