|  |
| --- |
| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B33-04 |
| **Ref:** Resolution **775 (WRC-23)**, [5B/98](https://www.itu.int/md/R23-WP5B-C-0098/en) | **Date:** August 15, 2024 |
| **Document Title:** Draft Liaison Statement to ITU-R Working Party 5C - Studies in Relation to WRC-27 agenda item 1.10  |
| **Author(s)/Contributors(s):**Brian RussellAeronet Global CommunicationsGerry KawamuraAeronet Global Communications | Phone: +353 85 7117190Email: br@aeronetglobal.aero Phone: +1 801-201-7001Email: gka@aeronetglobal.aero  |
| **Purpose/Objective:** This contribution proposes technical and operational characteristics of maritime and aeronautical mobile service applications in the frequency bands 71-76 GHz and 81-86 GHz. |
| **Abstract:** In accordance with Resolution **775**, this contribution offers the characteristics of a representative maritime and aeronautical mobile service operating in the frequency bands 71-76 GHz and 81-86 GHz, including the receiver characteristics and protection criteria necessary to inform studies to determine power flux-density (pfd) and equivalent isotropically radiated power (e.i.r.p.) limits to be included in Article 21 for satellite services (fixed-satellite service (FSS), mobile-satellite service (MSS) and broadcasting-satellite service (BSS)) to protect the current and planned fixed and mobile services in the frequency bands 71-76 GHz and 81-86 GHz. |