|  |  |  |
| --- | --- | --- |
| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B32-08 | |
| **Ref:** 5B/819-E Annex 8 | **Date:** March 7, 2024 | |
| **Document Title:** PDN Report ITU-R M.[SPACE-VHF], Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz | | |
| **Author(s)/Contributors(s):**  Chris Tourigny  FAA Spectrum Engineering Services  Sandra Wright  FAA Spectrum Engineering Services  Michael Tran  MITRE | | Phone: 202-267-3071  Email: chris.tourigny@faa.gov  Phone: 202-603-7094  Email: sandra.a.wright@faa.gov  Phone: 703-983-1295  Email : mtran@mitre.org |
| **Purpose/Objective:** The purpose of this contribution is to provide updates to Document 5B/819 Annex 8. | | |
| **Abstract:** This contribution provides updates to document 5B/819 Annex 8, Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz. | | |

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** |  |
|  |  |
|  |  |
| Source: 5B/819-E Annex 8  Subject: PDN Report ITU-R M.[SPACE-VHF] | **Document 5B/** |
| **14 May 2024** |
| **English only** |
| United States of America | |
| preliminary draft neW report itu-r m.[space-vhf]  **Space-based aeronautical VHF communications in the  frequency band 117.975-137 MHz** | |
|  | |

**Introduction**

This contribution proposes to delete section 11.4 of Document 5B/819 Annex 8, Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz. Rationale: the OOB masks of SOS, MetSat, and MSS (Annex 5 of Recommendation SM.1541) used in this section only apply to the frequency band 1-20 GHz, not 137-138 MHz. Hence, the OOB emissions would interfere with adjacent channels of services in 137-138 MHz band, as well as with adjacent band terrestrial AM(R)S VDL-M2 at 136.975 MHz. It is proposed to not elevate this document to allow additional review of new information.