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| U.S. Radiocommunications Sector  Fact Sheet | | |
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| **Document Title:** PDN Report ITU-R M.[SPACE-VHF], Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz | | |
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| **Purpose/Objective:** The purpose of this contribution is to provide updates to Document 5B/819 Annex 8. | | |
| **Abstract:** This contribution proposes to delete section 11.4 and the editor’s note in section 8.1 of document 5B/819 Annex 8, Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz. | | |

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| **Radiocommunication Study Groups** |  |
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**Introduction**

This contribution proposes to delete section 11.4 and the Editor’s note in section 8.1 of Document 5B/819 Annex 8, Space-based aeronautical VHF communications in the frequency band 117.975-137 MHz. Rationale to delete section 11.4: 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.