|  |  |
| --- | --- |
| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B31-XX |
| **Ref:** ITU-R 5B/683-E and  ITU**-**R 5B/731 section 10.5.1 | **Date:** 6th February 2023 |
| **Document Title:** PRELIMINARY DRAFT NEW REPORT ITU-R M.[UA\_PFD] - **Review of power flux-density limits in accordance with *resolves* 16 of Resolution 155 (WRC-15)** | |
| **Author(s)/Contributors(s):**  Name: Don Nellis  Org: Federal Aviation Administration  Name: Michael Neale  Org: ACES Corporation for the FAA | Phone: (202) 267-9779  Email: [Donald.Nellis@faa.gov](mailto:Donald.Nellis@faa.gov)  Phone: (858) 705-8978  Email: michael.neale@aces-inc.com |
| **Purpose/Objective:** The purpose of this contribution is to propose the update of the PRELIMINARY DRAFT NEW REPORT to a DRAFT NEW REPORT. Some additions are proposed in the introduction section to address questions that were raised during the last meeting of ITU-R WP 5B in November 2022. However, no changes are proposed to the technical analysis from the version that was Annexed to the Chairman’s Report from the April 2019 meeting of WP 5B and carried over without discussion during the July 2020, November 2020 and May 2021 meetings of WP 5B. Due to priority on the development of the CPM report no contribution on this topic was made to the November 2021, April 2022 and July 2022 meetings of WP5B.  This pfd mask currently exists as an example in Annex 2 to Resolution **155 (WRC-19)** so the report needs to be finalized so the example can become the normative requirement in the resolution.  This Report is required to address resolves 14, 15 and 16 in Resolution **155 (WRC-19)** in support of Agenda Item 1.8. | |
| **Abstract:** This contribution examines the pfd required to protect the FS from emissions from the CNPC link transmitter located on the UA and proposes updating the pfd mask in Annex 2 of Resolution **155 (WRC-19)** in accordance with those studies. | |