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| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP-5B | **Document No:** USWP5B26-XX-FS |
| **Ref:** Annex 33 to Document 5B/225-E | **Date:** 29 January 2021 |
| **Document Title:** WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT NEW REPORT ITU-R M.[UA-GROUND-DAA] - Guidance on suitable frequency bands and services to be used by unmanned aircraft ground based detect-and-avoid non-cooperative systems | |
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| **Purpose/Objective:** The purpose of this contribution is to continue to update a new report to identify and provide information on appropriate frequency bands for ground based Detect and Avoid (DAA) radar systems to support unmanned aircraft operations. This report, along with a companion report for radars installed on unmanned aircraft, will ultimately replace ITU-R Report M.2204-0. | |
| **Abstract:** This contribution will continue the process of drafting a new report for ground based Detect and Avoid radar systems to support unmanned aircraft operations based on the update to the draft new report found in Annex 33 of the Chairman’s Report of the November 2020 WP-5B meeting. This new report will update the list of frequency bands allocated to the Aeronautical Radionavigation and Radionavigation Services, which could be used for ground based Detect and Avoid radar systems to support unmanned aircraft operations. The report will also provide information on other systems and services in these bands, coexistence issues, and an evaluation of the suitability of the band for UAS Detect and Avoid radar systems. | |