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| U.S. Radiocommunications Sector  Fact Sheet | | |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B26-xx-FS5 | |
| **Ref:** 5B/225-E Annex 25 | **Date:** February 1, 2021 | |
| **Document Title:** Proposed updates to Working Document towards a Preliminary Draft New Report, ITU-R M.[RADAR SIMULATIONS], “Simulations of performance for specific primary surveillance radars” | | |
| **Author(s)/Contributors(s):**  Chris Tourigny  FAA Spectrum Engineering Services  Dave Franc  Department of Commerce  Robert Leck  ACES Inc.  Michael Tran  MITRE | | Phone: 202-267-3071  Email: chris.tourigny@faa.gov  Phone : 301-628-5647  Email: david.franc@noaa.gov  Phone : 321-246-2987  Email: robert.leck@aces-inc.com  Phone: 703-983-1295  Email: mtran@mitre.org |
| **Purpose/Objective:** This contribution provides updates to annex 1 of Document 5B/225 annex 25 to include simulation results of the impact on radar due to pulsed and broadband signal interference. | | |
| **Abstract:** This contribution provides updates to annex 1 of Document 5B/225 annex 25 to advance the modelling of example radar receivers to simulate the impact of pulsed and broadband signal interference on radar performance. | | |

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| **Radiocommunication Study Groups** |  |
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| Proposed updates to working document towards a preliminary draft new report itu-r M.[radar simulations]  **Simulations of performance for specific primary surveillance radars** | |
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**Introduction**

This contribution provides updates to annex 1 of Document 5B/225 Annex 25 to advance the modelling of example radar receivers to simulate the impact of pulsed and broadband signal interference on radar performance. There is no proposed changes to annex 2 of Document 5B/225 Annex 25.

Attachment: 1

ATTACHMENT

proposed updates to working document towards a preliminary draft new report itu-r M.[radar simulations]

**Simulations of performance for specific primary surveillance radars**