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| U.S. Radiocommunications SectorFact 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” |
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| **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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| Source: Document 5B/225 Annex 25Subject: New Report ITU-R M.[RADAR SIMULATIONS] | **Document 5B/** |
| **10 May 2021** |
| **English only** |
| United States of America |
| 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**