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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B27-22-FS |
| **Ref:** 5B/355-E Annex 26 | **Date:** August 12, 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/355 annex 26 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/355 annex 26 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/355 Annex 26 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/355 Annex 26.

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**