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| **Radiocommunication Study Groups** |  |
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| Source: Annex 5.4 to Document [5D/242](https://www.itu.int/dms_ties/itu-r/md/23/wp5d/c/R23-WP5D-C-0242!H5-N5.04!MSW-E.docx) | **Document IMT-2020/93-E** |
| **18 February 2025** |
| **English only** |
| Working Party 5D | |
| EVALUATION BY ARIB IMT-2020 EVALUATION GROUP OF IMT-2020 CANDIDATE TECHNOLOGY SUBMISSION IN DOCUMENT(S) IMT-2020/89 | |
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This document summarizes the evaluation results and activities identified for the IMT-2020 candidate technology submission(s) in Document [IMT-2020/89](https://www.itu.int/md/R15-IMT.2020-C-0089/en) from ARIB IMT-2020 Evaluation Group*.*

# 1 Background

The period from January 2024 (the 45th meeting of Working Party (WP) 5D) to February 2025 (the 48th meeting of WP 5D) has been designated for evaluation of the new IMT-2020 candidate technology submission for Revision 3 by Independent Evaluation Groups.

The ARIB IMT-2020 Evaluation Groupis a registered Independent Evaluation Group. At the 48th meeting of Working Party 5D, a final Evaluation Report on IMT-2020 candidate technology submissions in Document IMT-2020/89 was submitted by ARIB IMT-2020 Evaluation Group (Doc. [5D/457](https://www.itu.int/md/R23-WP5D-C-0457/en)). Working Party 5D has reviewed the evaluation report, and will consider it further in the IMT-2020 development process.

# 2 Evaluation summary for a RIT for IMT-2020 candidate technology in Document(s) IMT-2020/89

## 2.1 Use of information in Report ITU-R M.2412

Does Independent Evaluation Group confirm use of Report ITU-R M.2412 in their work?

☑ Yes 🞎 No

## 2.2 Provision of compliance templates

Provision of compliance template for services (section 5.2.4.1 of Report ITU-R M.2411)

☑ Yes 🞎 No

Provision of compliance template for spectrum (section 5.2.4.2 of Report ITU-R M.2411)

☑ Yes 🞎 No

Provision of compliance template for technical performance (section 5.2.4.3 of Report ITU-R M.2411)

☑ Yes 🞎 No

## 2.3 Summary of conclusions of the evaluation report

Does the Evaluation Report indicate that the candidate technology meets minimum service and spectrum requirements?

Service requirements: 🞎 Yes ☑ No

Spectrum requirements: ☑ Yes 🞎 No

Which test environments have been considered in the evaluation report? What is outcome of the evaluation?

|  |  |
| --- | --- |
| Test environment | Does the evaluation report indicate that the minimum technical performance requirements are met in the test environment? |
| 🞎 Indoor Hotspot – eMBB | 🞎 Yes ☑ No |
| 🞎 Dense Urban – eMBB | 🞎 Yes ☑ No |
| 🞎 Rural – eMBB | 🞎 Yes 🞎 No |
| 🞎 Urban Macro – mMTC | 🞎 Yes ☑ No |
| 🞎 Urban Macro – URLLC | 🞎 Yes ☑ No |

## 2.4 Additional evaluation methodologies and assumptions

Have any additional evaluation methodologies or assumptions that had not been included in the Report ITU-R M.2412 been used in evaluation?

🞎 Yes ☑ No

# 3 Evaluation Report

|  |  |  |
| --- | --- | --- |
| The number of the final evaluation report | The name of the final evaluation report | The files of the final evaluation report |
| [5D/457](https://www.itu.int/md/R23-WP5D-C-0457/en) | Final evaluation report from ARIB IMT-2020 Evaluation Group on the IMT-2020 proposal in Document IMT-2020/89 by “Nufront” in the IMT-2020 evaluation process |  |

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