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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/507 | **Document IMT-2020/71-E** |
| **9 November 2021** |
| **English only** |
| Working Party 5D |
| Evaluation by TTA SPG33 of IMT-2020 candidate technology submission in Document(s) IMT-2020/17(Rev.1) and IMT-2020/18(Rev.1) |
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This document summarizes the evaluation results and activities *from Option 2 in the Re-evaluation Process,* identified for the IMT-2020 candidate technology submission(s) in Documents [IMT‑2020/17(Rev.1)](https://www.itu.int/md/R15-IMT.2020-C-0017/en) and [IMT-2020/18(Rev.1)](https://www.itu.int/md/R15-IMT.2020-C-0018/en) from TTA SPG33*.*

# 1 Background

The period from November 2020 (the 36*bis* meeting of Working Party 5D) to June 2021 (the 38thmeeting of Working Party 5D) has been designated for evaluation of the IMT-2020 candidate technology submissions by Independent Evaluation Groups.

TTA SPG33is a registered Independent Evaluation Group. At the 38th meeting of Working Party 5D, final Evaluation Reports on IMT-2020 candidate technology submissions in Documents IMT‑2020/17(Rev.1) and IMT-2020/18(Rev.1) were submitted by TTA SPG33([5D/707](https://www.itu.int/md/R19-WP5D-C-0707/en) and [5D/708](https://www.itu.int/md/R19-WP5D-C-0708/en)). Working Party 5D has reviewed the evaluation report and will consider it further in the IMT-2020 development re-evaluation process.

# 2 Evaluation summary for a component RIT for IMT-2020 candidate technology in Document(s) IMT-2020/17(Rev.1)

## 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?

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| --- | --- |
| 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 summary for a RIT for IMT-2020 candidate technology in Document(s) IMT-2020/18 (Rev.1)

## 3.1 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

## 3.2 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

## 3.3 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

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| 🞎 Indoor Hotspot – eMBB | 🞎 Yes 🞎 No |
| 🞎 Dense Urban – eMBB | 🞎 Yes 🞎 No |
| 🞎 Rural – eMBB | 🞎 Yes 🞎 No |
| 🞎 Urban Macro – mMTC | 🞎 Yes 🞎 No |
| 🞎 Urban Macro – URLLC | 🞎 Yes 🞎 No |

## 3.4 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

# 4 Evaluation Report

[Editor’s note: Include a final Evaluation Report from IMT-2020/k of this Independent Evaluation Group or attach a final Evaluation Report submitted by Independent Evaluation Group.]

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| The number of the final evaluation report | The name of the final evaluation report | The files of the final evaluation report |
| 5D/707 | Evaluation of component RIT DECT-2020 NR by TTA SPG33 |  |
| 5D/708 | Evaluation of EUHT RIT by TTA SPG33 |  |

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