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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/731 | **Document IMT/2020/83-E** |
| **26 October 2022** |
| **English only** |
| Working Party 5D | |
| Evaluation by Beijing National Research Center for Information Science and Technology (BNRist EG) of IMT-2020 candidate technology submission in Document(s) IMT-2020/76 | |

This document summarizes the evaluation results and activities identified for the IMT-2020 candidate technology submission(s) in Documents [IMT-2020/76](https://www.itu.int/md/R15-IMT.2020-C-0076/en) from [Beijing National Research Center for Information Science and Technology (BNRist EG)​](https://www.itu.int/oth/R0A060000B2/en)*.*

# 1 Background

The period from February 2022 (the 40th meeting of Working Party(WP) 5D) to October 2022 (the 42nd meeting of Working Party 5D) has been designated for evaluation of the new IMT-2020 candidate technology submission for ‘after year 2021’ by Independent Evaluation Groups.

The [Beijing National Research Center for Information Science and Technology (BNRist EG)​](https://www.itu.int/oth/R0A060000B2/en)is a registered Independent Evaluation Group. At the 42nd meeting of Working Party 5D, a final Evaluation Report on IMT-2020 candidate technology submissions in Document IMT-2020/76 was submitted by Beijing National Research Center for Information Science and Technology (BNRist EG)(5D/1529). 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-2020/76

## 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 Report

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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/1529 | EVALUATION REPORT ON THE SUBMISSION  IMT-2020/76 BASED ON EUHT-5G RIT |  |

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