IEEE P802.15
Standing Committee THz (SC THz)

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| Liaison from ITU-R Working Party 5C related to the work in the frequency range 450-1000 GHz |
| Date: 2025-01-11 |
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Abstract

This document contains a liaison received from ITU-R Working Party 5C, entitled “Technical and operational characteristics of the fixed service applications operating in the frequency range 450-1 000 GHz”.

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| **Radiocommunication Study Groups** |  |
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| Source: Document 5C/TEMP/46 | **12 December 2024** |
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| ITU-R Working Party 5C |
| liaison statement to EXTERNAL ORGANIZATION[[1]](#footnote-1) |
| Technical and operational characteristics of the fixed service applications operating in the frequency range 450-1 000 GHz |

At its November 2024 meeting, ITU-R Working Party (WP) 5C continued developing a working document towards a preliminary draft new Report ITU-R F.[FS.CHAR.450-1 000 GHZ] on technical and operational characteristics of the fixed service applications operating in the frequency range 450-1 000 GHz[[2]](#footnote-2).

 

As part of its initiation of work, ITU-R WP 5C kindly invites the external organizations to submit input contributions to the next WP 5C meeting with respect to technical and operational characteristics of the systems in the Fixed Service[[3]](#footnote-3) operating in the frequencies above 450 GHz. The current working document does not yet fully address the fixed service applications operating in the frequency range 450-1 000 GHz. WP 5C welcomes input contributions and will consider them as possible fixed service applications for inclusion in the working document.

The next meeting of ITU-R WP 5C has been scheduled to be held from 12-23 May 2025 and the deadline for input contribution is 1600 hours (Geneva time), 30 April 2025.

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| **Status:** For action |  |
| **Contact:** Mr Uwe LÖWENSTEIN(Counsellor ITU-R Study Group 5) | **E-mail:** **uwe.loewenstein@itu.int** |

1. ARIB, AWG, CCSA, ETSI, HEXA-X, IEC, IEEE, Next G Alliance, TTA, WWRF, 3GPP, 6G Flagship, 6G-IA, 6G Platform. [↑](#footnote-ref-1)
2. The latest version of the working document is available as [Annex 1.5](https://www.itu.int/dms_ties/itu-r/md/23/wp5c/c/R23-WP5C-C-0152%21N01.05%21MSW-E.docx) to WP 5C Chair report ([5C/152](https://www.itu.int/md/R23-WP5C-C-0152/en)) and for your convenience enclosed. [↑](#footnote-ref-2)
3. See No. 1.20 in [Radio Regulations](https://www.itu.int/pub/R-REG-RR-2024) for definition of Fixed Service. [↑](#footnote-ref-3)