IEEE P802.15
Standing Committee THz (SC THz)

|  |
| --- |
| Liaison from ETSI ISG THZ on the publication of GR THz 001 and GR THz 002 |
| Date: 2024-05-03 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Thomas Kürner | TU Braunschweig |  |  | t.kuerner@tu-braunschweig.de |

Abstract

This document contains a liaison received in ETSI ISG THZ on the topic of terahertz communications. The received liaison document is copied on the following pages.

 **ERM(24)000048r2**

**L**

**IAISON**

**S**

**TATEMENT**

|  |  |
| --- | --- |
| **Title:** | **LSout to Key SDOs on the publication of GR THz 001 and GR THz 002** |
|  Date: | March 6, 2024 |
|  |  |
| **From** (source): | ETSI ISG THz  |
| Contact(s): | Thomas Kürner(t.kuerner@tu-braunschweig.de)Mate Boban (mate.boban@huawi.com)Sharad Sambhwani (ssambhwani@apple,com)Sana Salous (sana.salous@durham.ac.uk)Nicolae Madalin Neag (NicolaeMadalin.Neag@etsi.org) |
|  |  |
| **To:** | **3GPP, 3GPP SA1, 3GPP TSG RAN**: 3gppliaison@etsi.org**Next G Channel Model Alliance**: nada.golmie@nist.gov**One6G**: info@one6g.org; nancy@di.uoa.gr**TC ERM**, Chair Mr. Butscheidt Holger (holger.butscheidt@bnetza.de), Marcello.Pagnozzi@etsi.org**ETSI ISG mWT**, Chair Mr. Renato LOMBARDI (renato.lombardi@huawei.com), ISGsupport@etsi.org**ETSI ISG RIS**, Chair Mr. Arman Shojaeifard (arman.shojaeifard@interdigital.com), ISGsupport@etsi.org**ETSI ISG ISAC**, Chair Alain Mourad (alain.mourad@interdigital.com), ISGsupport@etsi.org**ITU-R SG5** Counsellor uwe.loewenstein@itu.int**ITU-R SG3** Counsellor david.botha@itu.int **IMT-2030 6G** Promotion Group (imt2030@caict.ac.cn)**COST INTERACT**: laurent.clavier@imt-nord-europe.fr**802 IEEE** LAN/MAN Standards Committee Chairman p.nikolich@ieee.org**CCSA TC5** Chair, Mr. Shizhuo Chao (zhaosz@ccsa.org.cn)**O-RAN Alliance** **nGRG** (liaisons@o-ran.org)**WWRF** Chair nigel.jefferies@wwrf.ch**5G-ACIA** Chair Andreas Mueller (Andreas.Mueller21@de.bosch.com)**5GAA** (liaison@5gaa.org)**6G-IA** Colin Wilcock (colin.willcock@6G-IA.eu), Alessandro Bedeschi alessandro.bedeschi@6g-ia.eu, Alexandros Kaloxylos alexandros.kaloxylos@6g-ia.eu**ATIS Next G Alliance** Managing DirectorDavid Young (dyoung@atis.org, mkaufman@atis.org, kbeutler@atis.org)**NGMN Alliance** (office@ngmn.org)**GSMA Liaisons (GSMALiaisons@gsma.com)** |
| **Copy to:** | N/A |
|  |  |
| Response to:(if applicable) | N/A |
|  |  |
| Attachments: (if applicable) | N/A |
|  |

**1. Description:**

With this Liaison Statement ETSI’s Industry Specification Group on Terahertz Communications (THz) wants to inform that it has achieved its first milestone and published the first two Group Reports:

* **ETSI GR THz 001 on “Identification of use cases for THz communication systems”** identifies and describes use cases either enabled by or highly benefiting from the use of THz communications. Aspects addressed in the present document include deployment scenarios, potential requirements, relevant operational environments and their associated propagation characteristics and/or measurements.

<https://www.etsi.org/deliver/etsi_gr/THz/001_099/001/01.01.01_60/gr_THz001v010101p.pdf>

* **ETSI GR THz 002 on “Identification of frequency bands of interests for THz communication system”** identifies frequency bands of interest in the sub-THz and THz range, describes the current regulatory situation and identifies the incumbent services to be considered for coexistence studies <https://www.etsi.org/deliver/etsi_gr/THz/001_099/002/01.01.01_60/gr_THz002v010101p.pdf>

ETSI ISG THz renews its encouragement for a continual exchange with relevant standardisation groups/bodies (either inside or outside of ETSI) to ensure they are informed and consider the work of ISG THz in their further relevant technology specifications developments.

Further information on the ISG THz terms of reference, work programme, planned deliverables, and other documentations are available through the ISG portal: [Link to ISG THz Portal](https://portal.etsi.org/tb.aspx?tbid=908&SubTB=908#/).

**2. Actions:**

To inform us about any future deliverables, that will deal with THz use cases and spectrum for THz communications and consider how our deliverables could contribute to your ongoing work.

**3. Date of next meetings of the originator:**

THz#14: Apr 5th, 2024, Online

THz#15: April 25th, 2024, Online

THz#16: May 8th, 2024, Online

THz#006-F2F meeting: June 6th-7th, 2024, Antwerp, Belgium