

## Terms of Reference (ToR) for ETSI ISG 'millimeter Wave Transmission' (ISG mWT)

Approved by the Director-General on **30 November 2018**, following ETSI Board consultation

### Scope

mWT is intended to address the whole industry value chain with particular emphasis on:

- Current and future regulations and licensing schemes for the use of suitable spectrum in different countries
- Putting in communication the whole industry chain to share and circulate public information regarding the applications in field in order to favor faster and more effective decisions on investments needed to provide new technologies, features and equipment
- Influencing standards for the deployment of the products
- Enhancing the confidence of all stakeholders and the general public in the use of traditional microwave and millimeter-wave technologies

The purpose of the ISG mWT is to provide a platform and opportunity for companies, organizations and any other stakeholder involved in the traditional microwave (6-42 GHz) and millimeter-wave (50-300 GHz and above) industry chain to exchange technical information as follows:

- Sharing pure technical information (i.e. on trials aimed at propagation channel model verification, interference simulation,..) in order to prepare White Papers and Presentations to increase the level of confidence by the operators worldwide in the use of traditional microwave and millimeter-waves and
- Making it possible for all stakeholders involved in the industry to obtain the latest technical information including latest research results, promoting cooperation and technical progress but always avoiding commercial issues and always under compliance with the relevant competition laws.

The ISG mWT aims to be a worldwide initiative with global reach.

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## Annex (informative): collaboration with other bodies

ISG mWT will set-up the appropriate communication channels to the following groups both within and outside of ETSI.

### ETSI groups

- TC ATTM TM4            Access, Terminals, Transmission and Multiplexing
- TC BRAN                Broadband Radio Access Networks
- TC ERM                 EMC and Radio Spectrum Matters
- TC RRS                 Reconfigurable Radio Systems

and others as identified during the progression of the work.

### External groups

- CEPT ECC WG SE       Working Group Spectrum Engineering
- CEPT ECC WG FM       Working Group Frequency Management
- ITU-R WP 5C            Working Party Fixed Wireless Systems; HF systems in the fixed and land mobile services

and others as identified during the progression of the work.

