



Overview of ETSI ERM TG17 (2018-08-14)

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In addition to the Terms of References for ERM TG17 (<https://portal.etsi.org/TBSiteMap/ERM/ERMTor/ERMTG17ToR.aspx>) this document provides some further information to give a better understanding and overview of ETSI ERM TG17.

ETSI ERM TG17 structure

ETSI ERM TG17 as parent body has several Working Groups (WGs) dealing with specific topics.

All meetings of ERM TG17 and the WGs are announced on the ERM TG17 meeting calendar (<https://portal.etsi.org/tb.aspx?tbid=526&SubTB=526#5069-meetings>).

To separate the meetings of the WGs the WG will be included in the title of a meeting. This will also help to better identify contributions belonging to one WG, as they are allocated to the meeting of this WG.

In addition different E-Mail lists are available. While the ERM TG17 E-Mail list is usually used for official announcements, separate E-Mail lists for each WG exist to discuss technical details related to WG specific topics.

To achieve an ERM TG17 consolidated view any formal approval is done at an ERM TG17 plenary meeting or via ERM TG17 Remote Consensus (<https://portal.etsi.org/tb.aspx?tbid=526&SubTB=526#50613-remote-consensus>).

| Group | E-Mail list |
|--|---|
| TG17 - Standards for PMSE and broadcast equipment/services | http://list.etsi.org/ERM_TG17.html |
| TG17 WG1 - Broadcast TV Transmitters and Receivers | https://list.etsi.org/ERM_TG17_WG1.html |
| TG17 WG2 - Broadcast Radio Transmitters and Receivers | https://list.etsi.org/ERM_TG17_WG2.html |
| TG17 WG3 - Radio Microphones, ALDs and Cordless Audio | https://list.etsi.org/ERM_TG17_WG3.html |
| TG17 WG4 - Video Links | https://list.etsi.org/ERM_TG17_WG4.html |
| TG17 WG5 - Broadcast Radio & TV Amplifiers | https://list.etsi.org/ERM_TG17_WG5.html |

ETSI ERM TG17 chairmen

| Group | Chairman | Organisation | Date of Appointment | Date of Review |
|--------------------|------------------------------|---------------------------------|---------------------|----------------|
| TG17 chairman | Brian Copsey | A.S.P. (GB) | Jun. 2017 | Jun. 2019 |
| TG17 vice-chairman | Phil Kesby | A.S.P. (GB) | Jun. 2017 | Jun. 2019 |
| TG17 vice-chairman | Alan March | Sennheiser Electronic GmbH (DE) | Jun. 2017 | Jun. 2019 |

ETSI ERM TG17 Working Party responsible

| Group | WG responsible | Organisation | Date of Appointment | Date of Review |
|-------------------------------|---------------------------------|---------------------------|---------------------|----------------|
| TG17 WG1 (Transmitter) | Phil Kesby | A.S.P. (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG1 (Receiver) | Jeff Tindle | Silicon Laboratories (US) | Jun. 2017 | Jun. 2019 |
| TG17 WG2 (Transmitter) | Lindsay Cornell | BBC (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG2 (Receiver) | Lindsay Cornell | BBC (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG3 (Mics, ALDs, Audio) | Brian Copsey | A.S.P. (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG3 (Inductive Loop) | Andrew Scott | IHLMA (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG4 (Video Links) | Mark Waddell | BBC (GB) | Jun. 2017 | Jun. 2019 |
| TG17 WG5 (Amplifier, Antenna) | Mark Waddell | BBC (GB) | Jun. 2017 | Jun. 2019 |

ETSI ERM TG17 deliverables

All active Work Items for ERM TG17 can be found [here](#).

ERM TG17 WG1 - Broadcast TV Transmitters and Receivers

- EN 303 340 Digital Terrestrial TV Broadcast Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 302 998-1 Transmitting equipment for terrestrial mobile TV to provide multimedia multicast service; Part 1: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive, Common requirements
- EN 302 998-2 Transmitting equipment for terrestrial mobile TV to provide multimedia multicast service; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive, Test Arrangements for transmitters utilizing OFDM technology
- EN 302 297 Transmitting equipment for the analogue television broadcasting service; Harmonized EN under article 3.2 of the R&TTE Directive
- EN 302 296 Digital Terrestrial TV Transmitters; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- TR 102 699 Analysis of compliance of Forward Link Only air interface specification (ETSI TS 102 589) with DVB-T Harmonized Standard EN 302 296
- TR 101 540 System Reference document (SRdoc); DVB-H Small Gap Fillers

ERM TG17 WG2 - Broadcast Radio Transmitters and Receivers

- EN 303 345-1 Broadcast Sound Receivers; Part 1: Generic requirements and measuring methods
- EN 303 345-2 Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum
- EN 303 345-3 Broadcast Sound Receivers; Part 3: FM broadcast sound service; Harmonised Standard for access to radio spectrum
- EN 303 345-4 Broadcast Sound Receivers; Part 4: DAB broadcast sound service; Harmonised Standard for access to radio spectrum
- EN 303 345-5 Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum
- EN 302 245 Transmitting equipment for the Digital Radio Mondiale (DRM) broadcasting service; Harmonised Standard for access to radio spectrum
- EN 302 077 Transmitting equipment for the Digital Audio Broadcasting (DAB) service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 302 018 Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 302 017 Transmitting equipment for the Amplitude Modulated (AM) sound broadcasting service; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

ERM TG17 WG3 - Radio Microphones, ALDs and Cordless Audio

- EN 303 348 Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 301 357 Cordless audio devices in the range 25 MHz to 2 000 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 300 454-1 Wideband audio links; Part 1 Technical characteristics and test methods
- EN 300 454-2 Wideband audio links; Part 2 Class B Receivers; Harmonised Standard covering the essential requirements under article 3.2 of the Directive 2014/53/EU
- EN 300 422-1 Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 300 422-2 Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 300 422-3 Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

- EN 300 422-4 Wireless Microphones; Audio PMSE up to 3GHz; Part 4: Assistive Listening Devices including personal sound amplifiers and inductive systems up to 3 GHz; Harmonised Standard for access to radio spectrum
- TR 103 450 System Reference document (SRdoc); Technical characteristics and parameters for Wireless Multichannel Audio Systems (WMAS)
- TR 102 801 Methods, parameters and test procedures for cognitive interference mitigation techniques for use by PMSE devices (Programme Making and Special Events)
- TS 102 800 Cognitive Programme Making and Special Events (C-PMSE); Protocols for spectrum access and sound quality control systems using cognitive interference mitigation techniques
- TS 102 192-1 International Technical Characteristics and Test Methods; Part 1: Wireless/Radio Microphones in the 25 MHz to 3 GHz Frequency Range
- TS 102 192-2 International Technical Characteristics and Test Methods; Part 2: Cordless audio and Consumer radio microphones in the 25 MHz to 3 GHz Frequency Range[^]
- TR 102 799 Operation methods and principles for spectrum access systems for PMSE technologies and the guarantee of a high sound production quality on selected frequencies utilising cognitive interference mitigation techniques
- TR 102 791 System Reference document (SRdoc); Short Range Devices; Technical characteristics of wireless aids for hearing impaired people operating in the VHF and UHF frequency range
- TR 102 546 System Reference document (SRdoc); Technical characteristics for Audio PMSE systems in the frequency range 25 MHz to 3 GHz

ERM TG17 WG4 - Video Links

- EN 302 064 Wireless Video Links operating in the 1,3 GHz to 50 GHz frequency band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ES 202 239 Wireless digital video links operating above 1,3 GHz; Specification of typical receiver performance parameters for spectrum planning

ERM TG17 WG5 - Broadcast Radio & TV Amplifiers

- EN 303 354 Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ES 202 127 Radio frequency amplifiers and pre-amplifiers used for broadcast TV and sound reception from 47 MHz to 860 MHz
- ES 202 056 Active antennas used for broadcast TV and sound reception from 47 MHz to 860 MHz