

P187

Submitter Email: davidtraver@comcast.net

Type of Project: Revision to IEEE Standard 187-2003

PAR Request Date: 04-Aug-2014

PAR Approval Date: 27-Oct-2014

PAR Expiration Date: 31-Dec-2018

Status: PAR for a Revision to an existing IEEE Standard

Root Project: 187-2003

1.1 Project Number: P187

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9 kHz to 40 GHz

Changes in title: ~~IEEE~~ Standard Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of ~~9kHz~~9 kHz to ~~40GHz~~40 GHz

3.1 Working Group: IEEE Standard for Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9kHz to 40GHz (EMC/SDCom/P187 Working Group)

Contact Information for Working Group Chair

Name: David Traver

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Electromagnetic Compatibility Society/Standards Development Committee (EMC/SDCom)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 07/2015

4.3 Projected Completion Date for Submittal to RevCom: 10/2016

5.1 Approximate number of people expected to be actively involved in the development of this project: 15

5.2 Scope: This standard is specifically written to outline the measurement procedures to be utilized in determining the Conducted and Radiated Electromagnetic Emissions of Television and FM Broadcast Receivers. The new or revision work to update the measurement standard is to include new and developing television broadcast and receiver designs and technologies and clarify areas in the standard to assure compliance with regulatory requirements.

Changes in scope: ~~To~~This addstandard newis Advancedspecifically Televisionwritten Systemto Committeeoutline (ATSC)the televisionmeasurement standardsprocedures to thebe presentutilized standardsin anddetermining clarifythe areasConducted inand conflictRadiated withElectromagnetic currentEmissions USof FederalTelevision Communicationand CommissionFM (FCC)Broadcast requirementsReceivers. ThisThe will include investigation of new TVor receiversrevision alreadywork beingto soldupdate in the USA,measurement includingstandard Nationalis Televisionto Systeminclude Committee new (NTSC), ATSC and Digitaldeveloping Satellitetelevision Systembroadcast (DSS) and variousreceiver combinationsdesigns ofand thesetechnologies transmissionand methodsclarify Finally,areas toin expand the current standard which only applies to Tableassure Topcompliance TVwith measurementregulatory setups, toinclude Set Top Box (STB) receivers and Rear Projection TV receiversrequirements.

5.3 Is the completion of this standard dependent upon the completion of another standard?: No

5.4 Purpose: This standard is needed to assure consistent measurement procedures for determining Conducted and Radiated emissions in Television and FM Broadcast Receivers.

Changes in purpose: This standard is needed to assure ~~common~~ consistent measurement procedures for ~~RF~~ determining emissions ~~Conducted in present and new~~ Radiated technology emissions products during the transition of NTSC analog TV to ATSC and DSS digital TV products in the Television USA and to FM ensure Broadcast FCC accepts this industry need Receivers.

5.5 Need for the Project: To update current Standard with changes in Television broadcast and receiver technologies

5.6 Stakeholders for the Standard: Television and Broadcast Receiver Designers and Manufacturers, EMC test and measurement labs and associated technicians and engineers. Regulatory agencies responsible for determining the EMC compliance of Television and FM Broadcast Receivers. Corporations and Companies that sell Television and Broadcast Receivers.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): Update of TV receiver input filter, drawing updates and corrections or clarifications to existing standard