

Institute of Electrical & Electronics Engineers

Broadcast Technology Society

G-2.1 Audio/Video Techniques Committee

G-2.1.4 Video Distribution Measurements Subcommittee

Revision of IEEE standard:

ANSI/IEEE Std 206-1960/1978 - IEEE Standard on Television: Measurement of Differential Gain and Differential phase.

Document Number: P206.01

Date: Jan. 06, 2000

Old Scope:

1.2 Scope of applications:

The primary application of this Standard is intended to be in the field routine operational and maintenance tests, where rapid interpretation and communication of test results is necessary or desirable. The basic techniques described here are also applicable to laboratory measurements, proof-of-performance tests, and detailed maintenance procedures.

New Scope:

1.2 Scope of applications:

The primary application of this Standard is intended to be in the field routine operational and maintenance tests of pure composite analog systems only, where rapid interpretation and communication of test results is necessary or desirable. The basic techniques described here are also applicable to laboratory measurements, proof-of-performance tests, and detailed maintenance procedures.

When measuring performance of hybrid systems (combining analog and digital signal processing), the method described in this document must not be used as significant errors are introduced in Differential Gain and Phase measurements. It is recommended to use the method described in the IEEE Std 746 or the ITU-R BT.1204 standard document.