

Prepared by: J. Blair

The meeting was held at MITRE near Boston, Massachusetts on 29 September 1999.

In attendance were:

Name	Organization
Nick Paulter	NIST
Jerry Blair	Lockheed Martin Nevada
Donald Larson	NIST
Otis Solomon	Sandia
B. N. Babu Suresh	MITRE
Tom Linnenbrink	Q Dot

1. The meeting was called to order by the Chairman, Otis Solomon.
2. We discussed whether the standards should be left separate or combined. There was no conclusion.
3. We went through the definitions and made the following decisions:

Section

- 2.1.2 Wording was changed
- 2.1.3 Tell how states are named i.e State 1, State 2, ...
- 2.1.3.1 Wording was changed to conform to other definitions.
- 2.1.3.2 Uses term runt, which isn't defined until later.
- 2.1.6 Definition and notes reworded for clarity.
- 2.2.3 Add section with definitions for waveform characteristic terms such as ringing, overshoot, preshoot and tilt with their quantitative definitions.
- 2.4.1 Delete
- 2.4.2 Delete
- 2.4.3 Put back in 2.3 (2.3.1.1) This makes 2.4 go away.
- 3 Change title to SINGLE TRANSITION WAVEFORM
- 3.1.1 and 3.1.2 Change "step waveform" to "transition waveform". Make these definitions of Low and High State only
- 3.2 Change "step waveform" to "transition waveform".
- 3.2.2 Change Yr to $Y_{x\%}$.
- 3.4 Delete
- 4.3.2 Fix typo.
- 6 and 7 Move both sections to Annex.
- 6.1.2 Change "midway between" to "between".

- 6.1.3 Remove requirement of equal amplitude and duration. Add new definition of uniform staircase that has these requirements.
- 6.1.4.1 Delete.
- 6.1.4.2
- 8.1 Add mention of an epoch to first two definitions and remove second two definitions.
- 8.1.3 Reword for consistency.
- 8.2 Make these definitions quantitative rather than qualitative.
- 8.3.1 Change ‘dispersion’ to variation.
- 9.1.4 Add (*are*) after is.
- 9.3.3 Add indicative *of*.

Part II

Note that in version 41 of the draft the section numbers in Part I go from 1 to 10, and the section numbers in Part II start at 8. The following section numbers are in Part II.

- 8.1 Add *measurement* techniques.
 - Page 30 Remove note at bottom. This is in my notes, but I don't see a note at the bottom of page 30. This could apply to the note at the bottom of page 27. (JB)
 - 9.3 Condense to only include ordered pairs.
 - 9.5 Have to change references back to Part I.
 - 10.2 Improved wording of definitions
 - 11.2 Ignore this section until we have dealt with algorithm details.
 - 11.3 None of the algorithms are precise enough to use. We will start working on improving this.
4. We decided to put some signals in the private area of the web site that people can use to test their algorithms.
 5. I will contact HP and Tek and LeCroy to invite their participation the algorithms work. (done)
 6. I volunteered to ask someone at Tek what “unstable histogram” means. I didn't do this, and I forgot where the term came from.
 7. Nick volunteered to write up something dealing with distortion measurements.
 8. The meeting was declared to be the most productive in our history and was adjourned.