Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Taiwan

Global Technical Committee: FPD Metrology

TC Chapter Cochairs: Dusk JC Wang/ITRI, Chia-Ming Liu/ITRI

Standards Staff: Cher Wu

| | Scheduled in Background Statement | Actual |
|---|-----------------------------------|--------------|
| Date | Aug/07/2020 | Aug/07/2020 |
| Location | ITRI, Taiwan | ITRI, Taiwan |
| Reason for Change of Date and/or Location (if changed) | | |

Note: See Regulations ¶ 9.5 Exceptions for allowable reason to change.

I. Document Number and Title

| Document Number | Document Title |
|------------------------|--|
| 5949C | New Standard: Test Method for Local and |
| | Overall Flicker of Flexible Displays of Flat |
| | Panel Displays |

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.6.2.1.1)

Voting Tally (with example values):

| Voting Interest: | Returned Votes | | Distribution | | Return Rate | |
|---------------------------|----------------|---|--------------|------|-----------------|------|
| Letter Ballot | 29 | ÷ | 46 | = | 63.0% | ≥60% |
| Intercommittee Ballot | 28 | | | | | |
| Voting Interest Reject(s) | 2 | | Total | Vote | rs with Rejects | 2 |
| Voting Interest Accept(s) | 26 | | | | | |

Note: See Regulations § 3.2.1 for definition of Voting Interest.

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Otsuka) Voter Reject 1 (Voter: Kawaguchi, Akira and Otsuka) Negative 1

| ITCS | ative 1 | | | | | | | | | | | |
|------------|-------------------------------------|---|---|-----------------------------------|--|---------|---|--|--|--|--|--|
| Z | Referenced Section/ Paragraph | *TF/T | C Chapter to fill in, in | cludi | ng text in the ball | lot if | necessary. | | | | | |
| eg | Paragraph | | | | | | | | | | | |
| Negative | Negative Text | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. It should state the significance of measuring overall flicker. Isn't it enough to measure only local flicker? | | | | | | | | | | |
| TF | input (optional) | 1311 (| it enough to measure | Office | iocai ilickei : | | | | | | | |
| | Withdrawal | x N | No Negative withdrawa | l mad | e by Voter. | | GO TO "Related" subsection | | | | | |
| | (check one) | | Withdrawal document r | eceive | ed by Standards st | taff or | → (A) | | | | | |
| | Motion and | Χ 'Ι | Related' is mutually ag | reed ι | ıpon. (Needs no n | notio | n.) GO TO "Persuasive" subsection | | | | | |
| | Reason | 1 | Negative is not related. | (Nee | ds ≥2/3 votes to p | oass.) | | | | | | |
| | (check one) | F | Reason | XXXX | (| | | | | | | |
| Rel | Motion by/ 2 nd by | Name | Name (Company)/Name (Company) | | | | | | | | | |
| Related | Discussion | | | | | | | | | | | |
| | Result of Vote (check one) | XX Y -XX N ; Motion passed/failed. | | | | | | | | | | |
| | | [| Negative is not related | GO TO "Persuasive" subsection | | | | | | | | |
| | (check one) | 2 | 2/3 ≤ [Negative is not re | GO TO "Final" subsection → (B) | | | | | | | | |
| | | x N | Negative is related and | persu | uasive. (Needs >1/ | /3 vot | es to pass.) | | | | | |
| | Motion and Reason (check one) | N | Negative is related and | not p | ersuasive. (Needs | ≥2/3 | votes to pass.) | | | | | |
| | (oncon onc) | F | Reason | | | | | | | | | |
| Persuasive | Motion by/ 2 nd by | Pei-Li | i Sun (NTUST)/ Kersor | ı Wan | g (i-boson) | | | | | | | |
| /ist | Discussion | | | | | | | | | | | |
| e | | 8 Y -0 | N; Motion passed | | | | | | | | | |
| | Result of Vote (check one) | , [| Negative is related and persuasive.] > 1/3 | İ | Is a technical change recommended? | x | Y GO TO "Address by Technical Change Option" subsection | | | | | |
| | | | Negative is related and persuasive.] < 2/3 | l not | (check one) | | N GO TO "Final" subsection → (E) | | | | | |

| | _ | | | | | | | | | | |
|------------------------------------|--|------|--|--|---|---|---|--|--|--|--|
| | | | | | egative is related persuasive.] < 90% | GO TO "Final" subsection | on → (C) | | | | |
| | | | 909 | % ≤ [l | Negative is related persuasive.] | GO TO "Not Significant l | Finding Option" subsection | | | | |
| | | | al Change Recoi | mme | ndations | | | | | | |
| | Origi fields | | section/paragra | ph n | umber and at least o | one full sentence are requ | uired in "FROM" and "TO" | | | | |
| | | | FROM: | | | | | | | | |
| | | | 1.3 Flicker has been widely used for evaluating display. Follow the calculated procedures in VESA standard,, and further transformed to flicker. | | | | | | | | |
| | | | то: | | | | | | | | |
| | _ | 1 | standard,, and display and its loca | as been widely used for evaluating the display. Follow the calculation procedures in VESA further transformed to flicker <u>value</u> . <u>However</u> , the conventional method is applied to a flat al area only. To flexible displays, the potential flicker phenomenon may present when the user by in a flexible mode or a flat mode. Therefore, this document also addresses the test method | | | | | | | |
| |)chn | | | | | | | | | | |
| | Technical Changes | | Justification (If necessary) The added descriptions were in Section 1.3 to state the significance of Overall Flicker | | | | | | | | |
| | Char | | FROM: | | | | | | | | |
| ddress | iges . | | | ed into Local Flicker and Overall Flicker, both of them are investigated for the flexible display. ter with zoom lens is developed for Overall Flicker. | | | | | | | |
| by 1 | | | TO: | то: | | | | | | | |
| Address by Technical Change Option | | 2 | Overall Flicker is as concave or conv | the ne | ew metric for evaluating oldable, stretchable for | g the whole visual field of flic m etc. It makes up the deficien | investigated for the flexible display. kering on the flexible display, such acy of Local flicker. The luminance | | | | |
| Cha | | | meter with zoom lens is developed for Overall Flicker. Justification (If necessary) | | | | | | | | |
| nge | | | The added descriptions were in Section 1.4 to state the significance of Overall Flicker. | | | | | | | | |
| Opt | Motio | on | | Neg | ative is addressed by | the technical change(s). | | | | | |
| ion | Motio | on I | py/2 nd by | Pei- | Pei-Li Sun (NTUST)/ Kerson Wang (i-boson) | | | | | | |
| | Disc | uss | ion | | | | | | | | |
| | | | | 8 Y- | 0 N ; Motion passed | | | | | | |
| | | | sult of Vote check one) | X | 2/3 ≤ [Negative is ad change(s).] | ddressed by the technical | GO TO "Incorporation of the Technical Change" subsection | | | | |
| | | _ | | | [Negative is not add change(s).] < 2/3 | ressed by the technical | GO TO "Final" subsection → (E) | | | | |
| | _ | ╙ | otion | To i | ncorporate the tech | nical change(s). | | | | | |
| | nco Tec | | otion by/2 nd by | Pei- | Li Sun (NTUST)/ Ker | son Wang (i-boson) | | | | | |
| | rpor: | Di | scussion | | | | | | | | |
| | ation | T | | 8 Y- | 0 N ; Motion passed. | | | | | | |
| | Incorporation of the Technical Change | | Result of Vote | X | 90% ≤ [Agree to inco | prporate.] | GO TO "Final" subsection → (F) | | | | |
| | he e | | (check one) | | [Disagree to incorpo | rate.]>10% | GO TO "Final" subsection → (E) | | | | |

| Not | | | | e TC Chapter finds a Negative not per ting on the action". (<i>Regulations</i> ¶ 9. | | | | | | | |
|-----------------------|---|-----|-------------------------------------|---|-----------------------------------|--|--|--|--|--|--|
| | Use of "Not | | It is mutually ag significant". | greed upon to term the Negative "not | GO TO "Final" subsection → (D) | | | | | | |
| Significant Option | significant finding option" (check one) | | It is mutually aç "significant". | greed upon to term the Negative | GO TO "Final" subsection → (C) | | | | | | |
| Finding | | | Whether or not | the Negative is "not significant" is decid | ded by a vote. | | | | | | |
| din | Motion | The | The Negative is "not significant". | | | | | | | | |
| g | Motion by/ 2 nd by | Nan | | | | | | | | | |
| | Vote | | XX Y-XX N; Mo | otion passed with simple majority | GO TO "Final" subsection → (D) | | | | | | |
| | vote | | XX Y-XX N; Mo | otion failed with simple majority | GO TO "Final" subsection → (C) | | | | | | |
| | | | (A) | Withdrawn (counted under h in dis | sposition) | | | | | | |
| | | | (B) | Not related (counted under i in dis | position) | | | | | | |
| | (check if | | (C) | Related and not persuasive (signific | ant) | | | | | | |
| Final | applicable) | | (D) | Not significant (counted under j in | disposition) | | | | | | |
| <u>a</u> | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | | | | | |
|] | | Χ | (F) | Addressed by technical change (co | unted under k disposition) | | | | | | |
| | (check if applicable) | | Comment gene | erated. See Section V-(ii) Comment # | X. | | | | | | |

This table is needed for each Negative.

| Ne | Referenced Section/ Paragraph | *TF/ | <u> </u> | uding text in the ballot if nec | essary. | | | |
|----------|-------------------------------------|---|--|---------------------------------|-----------------------------------|--|--|--|
| Negative | Negative Text | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. | | | | | | |
| | Hogunvo Toxt | To r | | ly, the frequency characterist | ics of the detector should be | | | |
| TFi | input (optional) | | | | | | | |
| | Withdrawal | х | No Negative withdrawal m | GO TO "Related" subsection | | | | |
| | (check one) | | Withdrawal document received by Standards staff on MM/DD/YYYY. | | GO TO "Final" subsection → (A) | | | |
| | Motion and | х | 'Related' is mutually agreed upon. (Needs no motion. | | GO TO "Persuasive" subsection | | | |
| | Reason | | Negative is not related. (N | Needs ≥2/3 votes to pass.) | | | | |
| Related | (check one) | | Reason | | | | | |
| ed | Motion by/ 2 nd by | Na | me (Company)/Name (Cor | mpany) | | | | |
| | Discussion | | | | | | | |

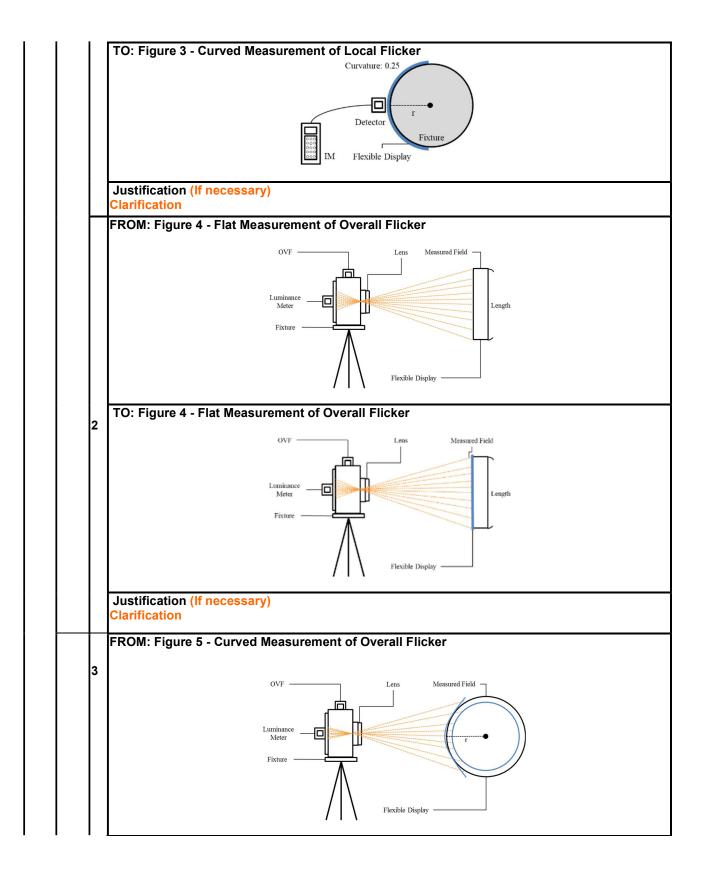
| | | | | XX Y- | -XX N ; Motion passe | d/faile | d. | | | | |
|---------------------------|-------------------------------|-------------------------|----------------------|---------------------|--|--|------------------------------------|-----------------------------------|--|--|--|
| | | | of Vote | [N | legative is not related | .] < 2/ | 3 | | GO TO "Persuasive" subsection | | |
| | (0. | | , | 2/ | 3 ≤ [Negative is not re | elated | | GO TO "Final" subsection → (B) | | | |
| | | - 4.1 - | | Ne | egative is related and | persu | uasive. (Needs >1/ | 3 votes | to pass.) | | |
| | Motion and Reason (check one) | | | | egative is related and | not p | ersuasive. (Needs | ≥2/3 vo | tes to pass.) | | |
| | (encon ency | | | Re | eason | Section 7.1.4 has described the related details already. | | | | | |
| ٦ | М | otic 2 nd | n by/ by | Telu C | hen (Wisechip)/Mark | KUO | (Innolux) | | | | |
| STE | Di | scu | ssion | | | | | | | | |
| Persuasive | | | | 8 Y- 0 N | \ ; Motion passed. | | | | | | |
| ive | Result of Vote (check one) | | | | legative is related and ersuasive.] > 1/3 | d | Is a technical change recommended? | Y | GO TO "Address by Technical Change Option" subsection | | |
| İ | | | | pe | legative is related and ersuasive.] < 2/3 | | (check one) | N | GO TO "Final" subsection → (E) | | |
| | | x ar | | | 3 ≤ [Negative is relatend and not persuasive.] < | 90% | GO TO "Final" s | ubsectio | on → (C) | | |
| | | | | |)% ≤ [Negative is rela nd not persuasive.] | ited | GO TO "Not Sign | nificant l | Finding Option" subsection | | |
| | | inal | section/ | paragr | ommendations aph number and at n/Paragraph XXX | least (| one full sentence | are requ | uired in "FROM" and "TO" | | |
| | | | | | aragraph xxx | | | | | | |
| Address | Tec | 1 | | | ation (If necessary) Section/Paragraph XXX | | | | | | |
| ㅁ | Technica | L | FROM: | Section | | | | | | | |
| / Tecl | Changes | | | | | | | | | | |
| nnical | iges | 2 | TO: Se | ction/Paragraph xxx | | | | | | | |
| y Technical Change Option | | | Justific | ation (| lf necessary) | | | | | | |
| Je Op | Moti | on | <u> </u> | | Negative is addres | sed by | the technical cha | nge(s). | | | |
| tion | Moti | on k | y/2 nd by | 1 | Name (Company)/Name (Company) | | | | | | |
| | Disc | uss | ion | | | | | | | | |
| | | | | | XX Y-XX N; Motion | n pass | ed/failed. | | | | |
| | | _ | sult of V heck on | | 2/3 ≤ [Negativ change(s).] | e is a | ddressed by the te | chnical | GO TO "Incorporation of the Technical Change" subsection | | |

| | | | | | [Negative | e is not addressed by the technical | GO TO "Final" subsection → (E) | | | |
|--------------------------------|--|---------------------------------|-------------------|------------------------------------|---|---|-----------------------------------|--|--|--|
| | | Motion | | То | To incorporate the technical change(s). | | | | | |
| | Inco Te | Motion by/2 | 2 nd b | y Na | Name (Company)/Name (Company) | | | | | |
| | Incorporation of the Technical Change | Discussion |) | | | 22 | | | | |
| | rati ical | | | VV | V VV Ni N | Motion passed/failed. | | | | |
| | on c | | | | · | GO TO "Final" subsection | | | | |
| | of th | Result of (check | | | 90% ≤ [A | gree to incorporate.] | → (F) | | | |
| |) He | (CHECK | | [Disagree to incorporate.]>10% | | GO TO "Final" subsection → (E) | | | | |
| | | | | | | C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6 | | | | |
| l v | great | er than 50 / | . 01 1 | ne pers | ons vouii | g on the action . (Regulations 9.6 | .1.4.5.2) | | | |
| Not Significant Finding Option | | | | | | ed upon to term the Negative "not | GO TO "Final" subsection | | | |
| gnii | | e of "Not gnificant | | significa | | | → (D) GO TO "Final" subsection | | | |
| ificant Option | findi | ng option" | | It is mu "signific | | ed upon to term the Negative | → (C) | | | |
| nt Fi | (ch | eck one) | | Ŭ | | e Negative is "not significant" is decide | ed by a vote | | | |
| ndi | | M - 4! | Tho | The Negative is "not significant". | | | | | | |
| ng | | Motion | THE | negauv | Jauve 13 Hot significant . | | | | | |
| | | otion by/ 2 nd by | Nam | ne (Company)/Name (Company) | | | | | | |
| | | Vote | | XX Y-X | X N; Motio | n passed with simple majority | GO TO "Final" subsection → (D) | | | |
| | | Vote | | XX Y-X | X N; Motio | n failed with simple majority | GO TO "Final" subsection → (C) | | | |
| | | | | | (A) | Withdrawn (counted under h in disp | osition) | | | |
| | | | | | (B) | Not related (counted under i in disp | osition) | | | |
| | (0 | check if | Χ | | (C) | Related and not persuasive (significa | nt) | | | |
| Final | | plicable) | | | (D) | Not significant (counted under j in d | isposition) | | | |
| <u>a</u> | | | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | | |
| | | | | | (F) | Addressed by technical change (cou | nted under k disposition) | | | |
| | (check if applicable) | | | Comme | ent genera | ted. See Section V-(ii) Comment # X | | | | |

This table is needed for each Negative.

| Neg | Section/ | *TF/TC Chapter to fill in, including text in the ballot if necessary. Fig3 - Fig5 | | | | | |
|----------|------------------------|--|--|--|--|--|--|
| Negative | Negative Text | сор | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. | | | | |
| | | | Isn't the position of the lead line in the figure wrong? Flexible Display, Measured Field etc. | | | | |
| TF | input (optional) | | | | | | |
| | Withdrawal (check one) | | o Negative withdrawal made by Voter. GO TO "Related" subsection | | | | |

| | | | | | Withdrawal document re | ceive | ed by Standards st | aff o | n | GO TO "Final" subsection → (A) | |
|-----------------|--|----------------------------|----------------|--|---|------------|------------------------------------|-------|-------|---|--|
| | | | | Х | 'Related' is mutually agre | eed u | pon. (Needs no n | notic | n.) | GO TO "Persuasive" subsection | |
| | | tion Reas | | | Negative is not related. (| oubood.ion | | | | | |
| | (ch | eck | one) | | Reason | | | | | | |
| Reli | | otion 2 nd b | | | | | | | | | |
| Related | Dis | scus | sion | | | | | | | | |
| | | ult of | f Vote | | [Negative is not related.] | < 2/3 | 3 | | | GO TO "Persuasive" subsection | |
| | (CII | ieck (| one) | | 2/3 ≤ [Negative is not rel | ated. |] | | | GO TO "Final" subsection → (B) | |
| | Ma | tion | and | х | Negative is related and բ | oersu | asive. (Needs >1/ | 3 vo | tes 1 | to pass.) | |
| | Motion and Reason (check one) | | | | Negative is related and not persuasive. (Needs ≥2/3 votes to pass.) | | | | | | |
| | | | | | Reason | | | | | | |
| Pe | 2"" by | | | Pei | Li Sun (Company)/Ken Y | u Liu | (AUO) | | | | |
| Persuasive | Discussion | | | 8 Y- 0 N ; Motion passed | | | | | | | |
| Vist | | | | 8 Y- | U N ; Motion passed | | | | | | |
| | Page | ult of | | X | [Negative is related and persuasive.] > 1/3 | | Is a technical change recommended? | х | Y | GO TO "Address by Technical Change Option" subsection | |
| | | uit oi eck | f Vote one) | | [Negative is related and persuasive.] < 2/3 | | (check one) | | N | GO TO "Final" subsection → (E) | |
| | | | | | 2/3 ≤ [Negative is related and not persuasive.] < 9 | d 0% | GO TO "Final" s | ubse | ectio | ion → (C) | |
| | | | | | 90% ≤ [Negative is relate and not persuasive.] | | | | | | |
| Add | | nal s | | | ecommendations graph number and at le | east c | one full sentence | are | requ | ired in "FROM" and "TO" | |
| ress | HEIUS | | ROM: I | Figu | re 3 - Curved Measurem | nent d | of Local Flicker | | | | |
| by | Tec | | | | | (| Curvature: 0.25 | | | | |
| Techn Option | hnic | | | | | | | | | | |
| nica | al C | 1 | | | | | D r | | | | |
| เI Change | Original section/paragraph number and at least one full sentence are required in "FROM" are fields. FROM: Figure 3 - Curved Measurement of Local Flicker Curvature: 0.25 Changes Image: Change of the control of the control of the curvature of | | | | | | | | | | |



| | l | TO: Figure 5 - Curved Measurement of Overall Flicker | | | | | | | | | |
|-------------------------|---|--|-----|-------|---|--|-----------------------------------|--|--|--|--|
| | | | | | | | | | | | |
| | | | | | | Fixture Fixt | nure . | | | | |
| | | Justification (If necessary) Clarification | | | | | | | | | |
| | Motic | on | | | Neg | ative is addressed by the technical change(s). | | | | | |
| | Motic | on by/2 nd by | , | | Pei | Li Sun (Company)/Ken Yu Liu (AUO) | | | | | |
| | Discu | ıssion | | | | | | | | | |
| | | | | | 8 Y-0 N; Motion passed. | | | | | | |
| | | Result of Vote (check one) | | | 2/3 ≤ [Negative is addressed by the technical change(s).] GO TO "Incorporation of Technical Change" subsection | | | | | | |
| | | | - | | [Negative is not addressed by the technical change(s).] < 2/3 GO TO "Final" subsection → (E) | | | | | | |
| | <u>-</u> | Motion | | | To incorporate the technical change(s). | | | | | | |
| | ncor Tecl | Motion by/ | | у | Pei Li Sun (Company)/Ken Yu Liu (AUO) | | | | | | |
| | pora hnica | Discussion | 1 | | | | | | | | |
| | tion 1 Ct | | | | 8 Y- | 0 N ; Motion passed. | | | | | |
| | ncorporation of the Technical Change | Result o | | | X | 90% ≤ [Agree to incorporate.] | GO TO "Final" subsection → (F) | | | | |
| | 9 6 | (CHECK | one | | | [Disagree to incorporate.]>10% | GO TO "Final" subsection → (E) | | | | |
| No | | | | | | "if the TC Chapter finds a Negative not persons voting on the action". (Regulations ¶ 9.6. | uasive by a vote equal to or | | | | |
| t Sign | | e of "Not | | | mutı ifica | ually agreed upon to term the Negative "not nt". | GO TO "Final" subsection → (D) | | | | |
| Not Significant Finding | findi | gnificant ng option" leck one) | | "sigı | nifica | | GO TO "Final" subsection → (C) | | | | |
| Finc | | - | | | | or not the Negative is "not significant" is decide | d by a vote. | | | | |
| ding | | Motion | The | Neg | ative | is "not significant". | | | | | |
| _ | | otion by/ 2 nd by | Nam | ne (C | omp | any)/Name (Company) | | | | | |
| | | Vote | | XX ' | Y-X> | N; Motion passed with simple majority | GO TO "Final" subsection → (D) | | | | |
| | | | | XX ' | Y-X> | N; Motion failed with simple majority | GO TO "Final" subsection → (C) | | | | |

| | (check if | | (A) | (A) Withdrawn (counted under h in disposition) | | | | | |
|-------|-----------------------|---|---------------|--|---------------------------|--|--|--|--|
| | | | (B) | Not related (counted under i in disposition) | | | | | |
| | | | (C) | Related and not persuasive (significant) | | | | | |
| Final | applicable) | | (D) | Not significant (counted under j in disposition) | | | | | |
| a | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | | | |
| | | Х | (F) | Addressed by technical change (cour | nted under k disposition) | | | | |
| | (check if applicable) | | Comment gener | rated. See Section V-(ii) Comment # X. | | | | | |

| 1109 | alive 4 | | | | | | | | | |
|------------|-------------------------------------|---|--|-----------------------------------|-----------------------------------|--|--|--|--|--|
| z | Referenced Section/ | *TF/TC Chapter to fill in, including text in the ballot if necessary. Table2 | | | | | | | | |
| eg | Paragraph | | | | | | | | | |
| Negative | Negative Text | сор | ginal complete Negativied. measured value shou | , suggestion) should be | | | | | | |
| TFi | input (optional) | | | | | | | | | |
| | Withdrawal (check one) | | No Negative withdrawa | l made by Voter. | GO TO "Related" subsection | | | | | |
| | | | Withdrawal document r MM/DD/YYYY. | GO TO "Final" subsection → (A) | | | | | | |
| | Motion and | Х | 'Related' is mutually ag | reed upon. (Needs no motion.) | GO TO "Persuasive" subsection | | | | | |
| | Reason | | Negative is not related. (Needs ≥2/3 votes to pass.) | | | | | | | |
| | (check one) | | Reason | xxxx | | | | | | |
| Rel | Motion by/ 2 nd by | Name (Company)/Name (Company) | | | | | | | | |
| Related | Discussion | | | | | | | | | |
| | | XX Y -XX N ; Motion passed/failed. | | | | | | | | |
| | Result of Vote (check one) | | [Negative is not related | GO TO "Persuasive" subsection | | | | | | |
| | (oncok onc) | | 2/3 ≤ [Negative is not re | elated.] | GO TO "Final" subsection → (B) | | | | | |
| | Matianand | х | Negative is related and | persuasive. (Needs >1/3 votes | to pass.) | | | | | |
| Pe | Motion and Reason (check one) | | Negative is related and | not persuasive. (Needs ≥2/3 vot | tes to pass.) | | | | | |
| Persuasive | (1 1111 2112) | | Reason | | | | | | | |
| ive | Motion by/ 2 nd by | Mar | k Kuo (Innolux)/ Pei-Li S | Sun (NTUST) | | | | | | |
| | Discussion | | | | | | | | | |
| | | 8 Y- | 0 N ; Motion passed. | | | | | | | |
| | • | | • | | | | | | | |

| | (cl | necl | of Vote k one) | IN pe | ersuasive.] < 3 ≤ [Negative nd not persua 0% ≤ [Negative nd not persua | ated and not 2/3 e is related asive.] < 90% //e is related usive.] | Is a technical change recommended? (check one) X Y GO TO "Address by Technical Change Option" subsection N GO TO "Final" subsection → (E) GO TO "Not Significant Finding Option" subsection | | | | |
|-----------------------------|-------------------|------|--|-----------|--|---|---|-------------------------|-----------|---------------|--|
| | | nal | section | paragr | | | | | | | red in "FROM" and "TO' |
| | Technical Changes | Mea | asured C | Condition | Frequency (0~60 Hz) | | Magnitude (dB, 0~60 Hz) | | 0~60 | Curvature (m) | |
| | | | Local | Flicker | Flat Curved | | | | | | |
| | | | | | Flat | | | | | | |
| | | | Overall | Flicker | Curved | | | | | | |
| Address by Technical Change | | 1 | | | An Example Condition | Frequency (| Hz, | ort (0~60 Magnitude Hz | (dB, (| 0~60 | Curvature (m) |
| | | | Local Flicker | | Flat | <u>59.81</u> | | <u>-84.</u> | 03 | | <u>0</u> |
| Chan | | | | | Curved | <u>59.81</u> | | <u>-86.</u> | 80 | | 0.25 |
| | | | Overall | Flicker | Flat | <u>59.81</u> | | <u>-90.</u> | 88 | | <u>0</u> |
| Ontion | | | Veran | 1 Herel | Curved | <u>59.81</u> | | <u>-85.</u> | <u>37</u> | | 0.25 |
| | | | Justification (If necessary) Clarification | | | | | | | | |
| ŀ | Moti | on | l . | | Negative is | s addressed by | y the te | chnical cha | nge(s | s). | |
| <u> </u> | Moti | on k | oy/2 nd by | 1 | Mark Kuo | (Innolux)/ Pei- | Li Sun | (NTUST) | | | |
| ļ | Disc | uss | ion | | | | | | | | |
| | | | sult of V | | | lotion passed. [Negative is a ge(s).] | | ed by the te | chnic | aı . | GO TO "Incorporation of Technical Change" subsection |
| i | (check one) | | | | | [Negative is not addressed by the technical change(s).] < 2/3 subsection [Subsection GO TO "Final" subsection (E) | | | | | |

| | | Motion | | To i | ncorpora | te the technical change(s). | | | | | |
|--------------------------------|---|---------------------------------|--------------------|---|--------------------------------|--|-----------------------------------|--|--|--|--|
| | Inco | Motion by/ | 2 nd by | / Mar | k Kuo (Inr | nolux)/ Pei-Li Sun (NTUST) | | | | | |
| | Incorporation of the Technical Change | Discussion |) | | | | | | | | |
| | ration cal | | | 8 V | 8 Y-0 N; Motion passed. | | | | | | |
| | on c Cha | | | | | • | GO TO "Final" subsection | | | | |
| | of th nge | Result of (check | | X | 90% ≤ [Agree to incorporate.] | | → (F) | | | | |
| | е | (CITCON | (check one) | | [Disagree to incorporate.]>10% | | GO TO "Final" subsection → (E) | | | | |
| | | | | | | C Chapter finds a Negative not pers | | | | | |
| Z | great | er than 90% | of th | ie perso | ons votin | g on the action". (Regulations ¶ 9.6 | .1.4.5.2) | | | | |
| Not Significant Finding Option | | | | | | ed upon to term the Negative "not | GO TO "Final" subsection | | | | |
| gni | | e of "Not | 5 | significa | nt". | | → (D) GO TO "Final" subsection | | | | |
| iificant Option | significant finding option" (check one) | | | | | ed upon to term the Negative | → (C) | | | | |
| on F | | | | 'significa | | | | | | | |
| inc | | | | | | e Negative is "not significant" is decide | ed by a vote. | | | | |
| ling | | Motion | The N | Negative | e is "not si | gnificant". | | | | | |
| | | otion by/ 2 nd by | Name | e (Comp | Company)/Name (Company) | | | | | | |
| | | Voto | | XX Y -XX N ; Motion passed with simple majority | | | GO TO "Final" subsection → (D) | | | | |
| | | Vote | | XX Y-XX N; Motion failed with simple majority | | | GO TO "Final" subsection → (C) | | | | |
| | | | | (| A) | Withdrawn (counted under h in disp | osition) | | | | |
| | | | | (| B) | Not related (counted under i in disp | osition) | | | | |
| | (0 | check if | | (| C) | Related and not persuasive (signification | nt) | | | | |
| Fina | ар | plicable) | | (| D) | Not significant <mark>(counted under j in d</mark> | isposition) | | | | |
| <u>a</u> | | | | (| E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | | | |
| | | | Х | (| F) | Addressed by technical change (coul | nted under k disposition) | | | | |
| | | check if plicable) | (| Comme | nt generat | ted. See Section V-(ii) Comment # X. | | | | | |

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

| 4 | Original | number (#) of Negatives | | (g) |
|---|----------|--|--|---|
| # | Number | of Negatives withdrawn | (h) | |
| # | Number | of Negatives found not related | | (i) |
| # | Number | of Negatives found not significant | | (j) |
| 3 | | of Negatives addressed by technices not significant) | cal change (Negative | (k) |
| | Final | g - (h + i + j + k) = 0 | Reject is Not Valid and denominator of § VI. A | is not included in the pproval Conditions Check |

| х | a - (b + + + k) >() | Reject is included in the denominator of § VI. Approval Conditions Check | | | | |
|---|---------------------------|---|--|--|--|--|
| | Reject without a Negative | Not Valid | | | | |

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

Voting Interest Reject 2 (Voting Interest Name: JAD) Voter Reject 1 (Voter: Watanabe, Ryoichi and JAD)

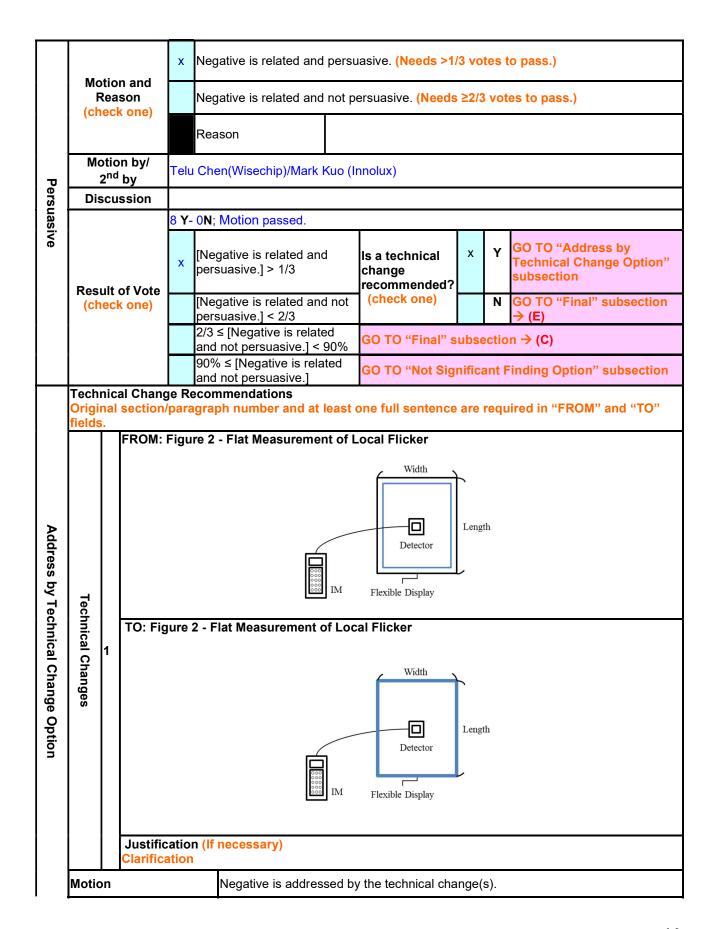
| Neg | ative 1 | | | | | | | | |
|------------|---|---|------------------------------------|---|-----------------------------------|--|--|--|--|
| | Referenced Section/ | | <u> </u> | cluding text in the ballot if nec | essary. | | | | |
| Neg | Paragraph | Sec | tion 4.1 VESA Standard | 1 | | | | | |
| Negative | Negative Text | *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. | | | | | | | |
| | • | JEITA and IEEE standards are not VESA Standards. | | | | | | | |
| TFi | input (optional) | | | | _ | | | | |
| | Withdrawal (check one) | | No Negative withdrawal | made by Voter. | GO TO "Related" subsection | | | | |
| | | | Withdrawal document re MM/DD/YYYY. | eceived by Standards staff on | GO TO "Final" subsection → (A) | | | | |
| | Motion and Reason (check one) | | 'Related' is mutually agr | reed upon. (Needs no motion.) | GO TO "Persuasive" subsection | | | | |
| | | | Negative is not related. | (Needs ≥2/3 votes to pass.) | | | | | |
| | | | Reason | XXXX | | | | | |
| Rel | Motion by/ 2 nd by | Name (Company)/Name (Company) | | | | | | | |
| Related | Discussion | | | | | | | | |
| | | XX Y-XX N; Motion passed/failed. | | | | | | | |
| | Result of Vote (check one) | | [Negative is not related.] |] < 2/3 | GO TO "Persuasive" subsection | | | | |
| | (====================================== | X | 2/3 ≤ [Negative is not re | lated.] | GO TO "Final" subsection → (B) | | | | |
| | | | Negative is related and | persuasive. (Needs >1/3 votes | to pass.) | | | | |
| Pers | Motion and Reason (check one) | Х | Negative is related and | not persuasive. (Needs ≥2/3 vot | tes to pass.) | | | | |
| Persuasive | (Glieck Olie) | | | Editorial correction. Oversight, VESA, JEITA and IEEE standard | | | | | |
| е | Motion by/ 2 nd by | Telu | ı Chen(Wisechip)/Mark K | ćuo (Innolux) | | | | | |
| | Discussion | | | | | | | | |
| | | | | | | | | | |

| | | | | <mark>8 Y-</mark> | 0N ; | Moti | Motion passed. | | | | | |
|------------------------------------|---|-------------------|----------------|---------------------------------|--------------------------------|---|---|--|----------|---|--|--|
| | Pos | ul t 4 | of Vote | | | | e is related and ve.] > 1/3 | Is a technical change recommended? | Y | GO TO "Address by Technical Change Option" subsection | | |
| | (check one) [Neg | | gativ suasi | e is related and not ve.] < 2/3 | (check one) | N | GO TO "Final" subsection → (E) | | | | | |
| | | | | X | 2/3 : | ≤ [Ne | egative is related persuasive.] < 90% | GO TO "Final" s | ubsecti | on → (C) | | |
| | | | | | and | not | legative is related persuasive.] | GO TO "Not Sign | nificant | Finding Option" subsection | | |
| | Origi | nal | | | | | ndations umber and at least (| one full sentence | are req | uired in "FROM" and "TO" | | |
| | fields | | FROM: | | | | | | | | | |
| | Tech | | i KOW. | | | | | | | | | |
| | Technical Changes | | то: | | | | | | | | | |
| , | Cha | 1 | | | | | | | | | | |
| Addı | nges | | | | | | | | | | | |
| ress | " | | Justific | | | nece | essary) | | | | | |
| by T | Motic | ഥ on | | | | Neg | ative is addressed by | the technical cha | nge(s). | | | |
| echı | Motion by/2 nd by | | | | | _ | ne (Company)/Name | | | | | |
| nical | Discu | | | | | | (* 1)/ | (- 1)/ | | | | |
| Cha | | | | | | | XX Y-XX N; Motion passed/failed. | | | | | |
| Address by Technical Change Option | | | sult of Vo | | | | 2/3 ≤ [Negative is addressed by the technical change(s).] | | | GO TO "Incorporation of the Technical Change" subsection | | |
| tion | | | | | | | [Negative is not add change(s).] < 2/3 | GO TO "Final" subsection → (E) | | | | |
| | | Мо | tion | | | To incorporate the technical change(s). | | | | | | |
| | nco | | tion by/ | | у | Name (Company)/Name (Company) | | | | | | |
| | rpor | Dis | cussion | 1 | | | | | | | | |
| | atio | H | | | | XX | Y-XX N; Motion pas | sed/failed. | | | | |
| | ncorporation of the Technical Change | , | Result o | | | | 90% ≤ [Agree to inco | orporate.] | | GO TO "Final" subsection → (F) | | |
| | le ₹ | (check one) | | | [Disagree to incorporate.]>10% | | GO TO "Final" subsection | | | | | |
| | " | | | oo, | | | [Disagree to incorpo | rate.]>10% | | → (E) | | |
| Not t | This | | | be us | sed (| | · | finds a Negative | | suasive by a vote equal to or | | |
| Not Significant Finding Option | This o | e of | | be us | sed (he p | erso | "if the TC Chapter ons voting on the ac | finds a Negative ction". (<i>Regulatio</i> | ns¶9.6 | suasive by a vote equal to or | | |

| | | | Whether or not | the Negative is "not significant" is dec | cided by a vote. | | | | | | |
|------|----------------------------------|-----|--------------------------------------|--|-----------------------------------|--|--|--|--|--|--|
| | Motion | The | e Negative is "not significant". | | | | | | | | |
| | Motion by/ 2 nd by | Nan | me (Company)/Name (Company) | | | | | | | | |
| | Vote | | XX Y-XX N; Mo | XX Y -XX N ; Motion passed with simple majority GO TO "Final" so → (D) | | | | | | | |
| | vote | | XX Y-XX N; Mo | otion failed with simple majority | GO TO "Final" subsection → (C) | | | | | | |
| | | | (A) | Withdrawn (counted under h in disposition) | | | | | | | |
| | | | (B) | Not related (counted under i in d | isposition) | | | | | | |
| | (check if | Х | (C) Related and not persuasive (sign | | ficant) | | | | | | |
| Fina | applicable) | | (D) | Not significant (counted under j i | n disposition) | | | | | | |
| a | | | (E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | | | | | |
| | | | (F) | Addressed by technical change (c | ounted under k disposition) | | | | | | |
| | (check if applicable) | X | Comment gene | Comment generated. See Section V-(ii) Comment # X. | | | | | | | |

This table is needed for each Negative.

| | Referenced Section/ | *TF/ | TC Chapter to fill in, in | cluding text in the ballot if nec | essary. | | | | | | |
|----------|-------------------------------------|---|--|-----------------------------------|-----------------------------------|--|--|--|--|--|--|
| Neg | Paragraph | The blue lines in Fig. 2, Fig. 3 and Fig. 5 shall be explained. | | | | | | | | | |
| Negative | Negative Text | | Original complete Negative text (e.g., issue, justification, suggestion) should be copied. | | | | | | | | |
| TF | input (optional) | Figu | re 3 and 5 are address | sed. Refer to Reject 1 of nega | tive 3. | | | | | | |
| | Withdrawal (check one) | | No Negative withdrawa | I made by Voter. | GO TO "Related" subsection | | | | | | |
| | | | Withdrawal document r | GO TO "Final" subsection → (A) | | | | | | | |
| | Motion and Reason (check one) | х | 'Related' is mutually ag | GO TO "Persuasive" subsection | | | | | | | |
| | | | Negative is not related. | | | | | | | | |
| | | | Reason | | | | | | | | |
| Re | Motion by/ 2 nd by | N | ame (Company)/Name (| | | | | | | | |
| Related | Discussion | | | | | | | | | | |
| | | XX | Y-XX N; Motion passed | d/failed. | _ | | | | | | |
| | Result of Vote (check one) | | [Negative is not related. | .] < 2/3 | GO TO "Persuasive" subsection | | | | | | |
| | (check one) | | 2/3 ≤ [Negative is not re | elated.] | GO TO "Final" subsection → (B) | | | | | | |



| | Motic | on by/2 nd by | 1 | Telu | ı Chen(Wi | sechip)/Mark Kuo (Innolux) | | | |
|--------------------------------|---|---------------------------------|--------------------|--|---|---|-----------------------------------|--|--|
| | Disc | ussion | | | | | | | |
| | | | | 8 Y- | 0 N ; Moti | on passed | | | |
| | | Result of Vo | | x | x 2/3 ≤ [Negative is addressed by the technical change(s).] GO TO "Incorporation Technical Change" subsection | | | | |
| | | | | | [Negative change(s | e is not addressed by the technical s).] < 2/3 | GO TO "Final" subsection → (E) | | |
| | _ | Motion | | To i | ncorpora | te the technical change(s). | | | |
| | nco Tec | Motion by/2 | 2 nd by | Telu | ı Chen(Wi | sechip)/Mark Kuo (Innolux) | | | |
| | rpor | Discussion | 1 | | | | | | |
| | ration | | | 8 Y- | 0 N ; Motio | on passed. | | | |
| | Incorporation of the Technical Change | Result of | | X | 90% ≤ [A | gree to incorporate.] | GO TO "Final" subsection → (F) | | |
| | ne e | (check | one) | | [Disagree | e to incorporate.]>10% | GO TO "Final" subsection → (E) | | |
| No | | | | | | C Chapter finds a Negative not pers g on the action". (<i>Regulations</i> ¶ 9.6 | | | |
| t Sign | Us | e of "Not | | is mut ignifica | | ed upon to term the Negative "not | GO TO "Final" subsection → (D) | | |
| Not Significant Finding Option | significant finding option" (check one) | | | is mut significa | | ed upon to term the Negative | GO TO "Final" subsection → (C) | | |
| Fin | Ì | • | V | Whether or not the Negative is "not significant" is decided by a vote. | | | | | |
| din | | Motion | The N | egative | gative is "not significant". | | | | |
| g | | otion by/ 2 nd by | Name | (Company)/Name (Company) | | | | | |
| | | Vote | X | X Y-XX | ベN ; Motio | n passed with simple majority | GO TO "Final" subsection → (D) | | |
| | | vote | X | XX Y -XX N ; Motion failed with simple majority | | | GO TO "Final" subsection → (C) | | |
| | 1 | | | (| A) | Withdrawn <mark>(counted under h in dis</mark> r | oosition) | | |
| | | | | (| B) | Not related (counted under i in disp | osition) | | |
| | (| check if | | (| C) | Related and not persuasive (significa | nt) | | |
| Final | | plicable) | | (| D) | Not significant <mark>(counted under j in d</mark> | isposition) | | |
| <u>a</u> | | | | | E) | Related and persuasive and not addressed by technical change | DOCUMENT FAILS | | |
| | <u> </u> | | Х | (| F) | Addressed by technical change (cou | nted under k disposition) | | |
| | | check if plicable) | C | omme | nt generat | ted. See Section V-(ii) Comment # X | • | | |

Disposition of Voting Interest Reject 2

Check only when the Document has not been failed.

| 2 | Original | num | ber (#) of Negatives | | (g) | | | | |
|---|---|---|---|---|-----|--|--|--|--|
| | Number | of N | egatives withdrawn | | (h) | | | | |
| # | Number | Number of Negatives found not related (i) | | | | | | | |
| # | Number of Negatives found not significant (j) | | | | | | | | |
| 1 | | | egatives addressed by technic t significant) | al change (Negative | (k) | | | | |
| | | | g - (h + i +j + k) = 0 | Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check | | | | | |
| | Final | | g - (h + i +j + k) >0 | Reject is included in the Approval Conditions C | | | | | |
| | ' | | Reject without a Negative | Not Valid | | | | | |

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

IV. Other Technical Issues

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.1.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.1.4.2.5)

None

V. Comments

V- (i) Voters' Comments

None

V-(ii) Comments Created by Handling Negative

Comment (Created by Handling Negative) NC - 1

| င္ဝ | *TF | *TF/TC Chapter to fill in | | | | | | | | | |
|--------|------|---|--|--|--|--|--|--|--|--|--|
| omm | 7.1. | 7.1.4 | | | | | | | | | |
| | The | The TC Chapter agreed to do one of the following actions. | | | | | | | | | |
| | *No | *No motion is required in this step. | | | | | | | | | |
| Action | | Already addressed by Commenter #, Comment # | | | | | | | | | |
| lon | | No further action was taken by the TC Chapter. | | | | | | | | | |
| | | Refer to the TF for more consideration. | | | | | | | | | |
| | | New business | | | | | | | | | |

| | Х | Editorial c | hang | e | | | | | | |
|-------------------|--|---|--|---|--|--|--|--|--|--|
| | | Options for | | Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other | | | | | | |
| | | editorial | | than Those Voted on in § V. | | | | | | |
| | | change (check | | Case 2: Voted in this section: | | | | | | |
| | | one) | Х | Original section number and at least one full sentence are required in "FROM" and "TO" fields. | | | | | | |
| | | FROM: S | ectio | on/Paragraph xxx | | | | | | |
| Editor | | 7.1.4 Set AD converter parameters that include sample rate and numbers of sample. Sample rate advised to set more than 240 Hz, and numbers of sample shall be enough to capture completed wavefor period. | | | | | | | | |
| Tial | 1 | TO: Section/Paragraph xxx | | | | | | | | |
| Editorial Changes | 1 | recommend | O converter parameters that include the sampling rate and numbers of sample. The ampling rate is more than 240 Hz, and numbers of sample shall be enough to capture form period. | | | | | | | |
| | Justification (If necessary) Clarification | | | | | | | | | |
| М | otion | 1 | T | o approve above editorial change(s) | | | | | | |
| М | otion | by/2 nd by | T | Telu Chen(Wisechip)/Mark Kuo (Innolux) | | | | | | |
| Di | iscus | ssion | × | XXX | | | | | | |
| V | ote | | 8 | 8 Y- 0N; Motion passed. | | | | | | |

Comment (Created by Handling Negative) NC – 2

| | *TF | /TC Chapte | er to | fill in | | | | | | | |
|---------|--|--|-------|----------------------------------|--|--|--|--|--|--|--|
| Col | Section 4.1 VESA Standard JEITA and IEEE standards are not VESA Standards. | | | | | | | | | | |
| Comment | | | | | | | | | | | |
|]at | | | | | | | | | | | |
| | | | | | | | | | | | |
| Г | The TC Chapter agreed to do one of the following actions. | | | | | | | | | | |
| | *No motion is required in this step. | | | | | | | | | | |
| Þ | | Already addressed by Commenter #, Comment # | | | | | | | | | |
| Action | | No further action was taken by the TC Chapter. | | | | | | | | | |
| | | Refer to the TF for more consideration. | | | | | | | | | |
| | | New business | | | | | | | | | |
| | Х | Editorial c | hang | е | | | | | | | |
| | | | | Case 1: No vote in this section: | | | | | | | |

| | | Options | | To be included and voted on as a group in § VI. Editorial Changes Other | | | | | | | |
|--------------------------|--------|---|--------|--|--|--|--|--|--|--|--|
| | | for editorial | | than Those Voted on in § V. | | | | | | | |
| | | change | | Case 2: Voted in this section: | | | | | | | |
| | | (check one) | Х | Original section number and at least one full sentence are required in "FROM" and "TO" fields. | | | | | | | |
| | | FROM: S | ectio | on/Paragraph xxx | | | | | | | |
| | | 4.1 VESA S | Stand | ards | | | | | | | |
| | | 4.1.1 VE | SA V | ersion 2.0: Flat Panel Display Measurements Standard. | | | | | | | |
| | | 4.1.2 JEITA | 4 Stai | ndards | | | | | | | |
| | | 4.2.1 JEITA | A ED | -2522: Measuring methods for Matrix Liquid Crystal Display modules. | | | | | | | |
| | | 4.2.2 IEEE | PAR | 1789 Update: LED Lighting Flicker and Potential Health Concerns | | | | | | | |
| m | | | | | | | | | | | |
| Editorial Changes | | TO: Section/Paragraph xxx | | | | | | | | | |
| rial | | 4.1 VESA Standards | | | | | | | | | |
| [[] | 1 | 4.1.1 VESA Version 2.0: Flat Panel Display Measurements Standard. | | | | | | | | | |
| ng | | 4.1.2 4.2 JEITA Standards | | | | | | | | | |
| Se | | 4.2.1 JEITA ED-2522: Measuring methods for Matrix Liquid Crystal Display modules. | | | | | | | | | |
| | | 4.3 IEEE Standards | | | | | | | | | |
| | | 4.3.1 IEEE PAR1789 Update: LED Lighting Flicker and Potential Health Concerns | | | | | | | | | |
| | | Justificat | tion | (If necessary) | | | | | | | |
| | | JEITA Standards header should be placed prior to JEITA Standard. | | | | | | | | | |
| | | IEEE Stan | dard | s header should be added prior to IEEE Standard. | | | | | | | |
| \vdash | | | | | | | | | | | |
| <u> </u> | Motion | | | o approve above editorial change(s) | | | | | | | |
| М | otion | by/2 nd by | | Telu Chen(Wisechip)/Mark Kuo (Innolux) | | | | | | | |
| D | iscus | sion | > | XXXX | | | | | | | |
| V | ote | | 8 | Y- 0N; Motion passed. | | | | | | | |

VI. Editorial Changes Other than Those Voted on in § V

Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.

None other than list in section V-(ii), above.

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations* ¶ 9.6.2.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

| | | Accepts | | (Accepts + Valid Rejects) | | | |
|---------------|---|---------|---|------------------------------|---|-------|------|
| Approval Rate | = | 26 | / | 28 | = | 92.9% | ≥90% |
| | | | | | | | |

VII. – (ii) Approval Level (check one)

Note: See Regulations § 9.6.2 for further information.

| | Globally Approved (No Ratification Ballot needed): The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee. |
|---|--|
| x | Need a Ratification Ballot: The Letter Ballot meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes. |

VIII. Safety Check

Note: See Regulations § 15 for further information.

| | X | This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1) | | | | | | | | | | |
|--------|------|--|--|------------------------|--|--|--|--|--|--|--|--|
| Motion | | | This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2) | | | | | | | | | |
| | | Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2) | | | | | | | | | | |
| | Moti | ption by/2 nd by Pei-LI Sun (NTUST)/Charles Wen (ITRI) | | | | | | | | | | |
| | D | iscı | ıssion | XXXX | | | | | | | | |
| | | V | ote | 8 Y-0 N; Motion passed | | | | | | | | |

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline*. See *Regulations* § 16 for further information.

| X | that r | The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 8.8) | | | | | | | | | |
|---|--------|--|--|--|--|---|--|--|--|--|--|
| | x | The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.) | GO TO SECTION X. | | | | | | | | |
| | | The question is answered in affirmative | Is any of the known IPs a patented | | Yes, at least one of them is a patented technology | GO TO IX (a) "Patented Technology" subsection | | | | | |
| | | | technology? | | No | GO TO IX (b) "Copyright items" subsection | | | | | |

IX(a) Patented Technologies subsection

IX(a1) Total numbers of Patented Technologies to be dealt with

| | | | cominging to be dealt min | |
|-----------|---|------|---|---|
| # Fill | (I) Known Patented Technology that might be relevant to | Fill | technologies first became known to the TC Chapter on or after the day | Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting. |
| numbe | rthe Standard/Safety Guideline | Fill | (n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot | GO TO IX (a2) |

IX(a2) Assessment of disclosed patented technologies

| Disclosed patented technology #1 (Brief description, e.g., patent title and number): | | | | Date of Assessment (If different from the date of Letter Ballot adjudication) MM/DD/YYYY | | | |
|---|--------------------------|----|------------|---|-------|------------|---|
| Is disclosed patented | YES (It is a PMPT) | | Is the us | e of this | | YES | PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3) |
| technology #1 found to be "might be material" to the Standard/Safety Guideline? | | | justified? | , | | NO | The Document is failed and returned to the TF |
| | | NO | No furth | er action is nee | ded f | or patente | d technology #1 |

This table is needed for each disclosed patented technology.

IX(a3) LOA status check of PMPT of which inclusion assessed to be justified

| LOA Status of PMPT #1 | LOA Status of PMPT #1 | | | | | | | | | | |
|---|-----------------------|-----|-------------------------------|--|-----------------|---|--|--|--|--|--|
| | | YES | | PROCEED to check NEXT one, or if this is the last one, GO TO IX(b) | | | | | | | |
| Has an LOA for this patented technology | | NO | OM | | Ask ISC for spo | ecial permission to publish. | | | | | |
| been received from every owner? | | | NOITC | | Quit activity. | The Document is failed and returned to the TF | | | | | |
| | | | | | Wait for LOA | PROCEED to check NEXT one, or if this is the last one, GO TO IX(b1) | | | | | |
| | | | Motion by/ 2 nd by | | | Name (Company)/Name (Company) | | | | | |
| | | | Discussion | | | XXXX | | | | | |
| | | | | е | | XX Y-XX N; Motion passed (or failed) | | | | | |

This table is needed for each PMPT of which inclusion assessed to be justified.

IX(b1) Total numbers of copyrighted items to be dealt with

| # Fil | I | (o) Known copyrighted items that are used or reproduced to the | o > 0 There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline | GO TO IX (b2) |
|----------|-------|--|--|---------------|
| nu | ımber | Standard/Safety Guideline | o = 0 There is no disclosed copyrighted item | GO TO IX (c) |

IX(b2) Assessment of disclosed copyrighted items

| Disclosed copyrighted item #1 (Brief description of its use in the Document): | | | | | | | |
|---|--|-----|---|-------|-------------|---|--|
| Is disclosed copyrighted item #1 used or reproduced in the Standard/Safety Guideline? | | YES | Is the use/reproduction of this copyrighted item technically justified? | | YES | PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3) | |
| | | | | | NO | The Document is failed and returned to the TF | |
| | | NO | No further action is nee | ded f | or copyrigh | nted item #1 | |

This table is needed for each disclosed copyrighted item.

IX(b3) Copyright release status check of copyrighted item of which inclusion assessed to be justified

| Copyright release Status of copyrighted item #1 | | | | | | | |
|---|--|----|---|--|---|--|--|
| Has the copyright release been received | | | | | EED to assess NEXT one, or is the last one, GO TO IX(c) | | |
| from its owner ?. | | NO | Μ | | Ask ISC for special permission to publish. | | |

| | | | | | Quit activity. | The Document is failed and returned to the TF |
|--|--|--|-------------------------------|------|-----------------------------------|--|
| | | | | | Wait for copyright release letter | PROCEED to check NEXT one, or if this is the last one, GO TO IX(c) |
| | | | Motion by/ 2 nd by | | | Name (Company)/Name (Company) |
| | | | Dis | cuss | ion | XXXX |
| | | | Vot | е | | XX Y-XX N; Motion passed (or failed) |

This table is needed for each copyrighted item of which use/reproduction assessed to be justified.

IX(c) Assessment of disclosed (identified) trademark

| Is there any trademark in the Standard/Safety Guideline? | | YES | Is every instance of trademark use technically justified? | | YES | GO TO IX(d) |
|--|--|-----|---|--|-----|---|
| | | | | | | The Document is failed and returned to the TF |
| | | NO | GO TO IX(d) | | | |

IX(d) IP check completion condition check

| The co-chair checks if any Patented Technologies first become known to the TC Chapter on or after the day of the issuance of this Letter Ballot? i.e., m>0 in IX(a1) | YES | Sections IX(a2) and IX(a3) shall be completed and recorded for such patented technologies at next scheduled meeting of the TC Chapter. Until then, the TC Chapter shall NOT go to X (making motion to pass/fail this Document) (see Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold. |
|--|-----|--|
| | NO | GO TO X |

X. Action for This Document

| $\overline{}$ | | | | | | | | | |
|---|--------------|-----------------|--|--|--|--|--|--|--|
| | | | ment passed TC Chapter review as balloted and will be forwarded to the ISC A&R ocedural review. | | | | | | |
| <u>≅</u> | | | ent passed TC Chapter review with editorial changes and will be forwarded to the C for procedural review. | | | | | | |
| Motion | x | editorial ch | nent passed TC Chapter review with technical changes and with or without anges and will be forwarded to the ISC A&R SC for procedural review. A Ballot will be issued to verify the technical changes. | | | | | | |
| | | This Docur | nent failed TC Chapter review and will be returned to the TF for rework. | | | | | | |
| | | This Docur | nent failed TC Chapter review and work will be discontinued. | | | | | | |
| Motion by/ 2 nd by Ken Yu Liu (AUO)/ Mark Kuo (Innolux) | | | | | | | | | |
| | Disc | Discussion None | | | | | | | |
| | Vote 8 Y-0 N | | | | | | | | |
| | Final Action | | X Motion passed | | | | | | |
| | | | Motion failed | | | | | | |

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.