

SMPTE STANDARD

2048 × 1080 and 4096 × 2160
Digital Cinematography Production
Image Formats FS/709 —
Amendment 1



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Foreword

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SMPTE Engineering Documents are drafted in accordance with the rules given in its Standards Operations Manual.

Amendment 1 to SMPTE ST 2048-1 was prepared by Technology Committee 10E.

Intellectual Property

At the time of publication no notice had been received by SMPTE claiming patent rights essential to the implementation of this Engineering Document. However, attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. SMPTE shall not be held responsible for identifying any or all such patent rights.

1 Scope

This amendment adds the frame rates of 96 fps, 96/1.001 fps, 100 fps, 120 fps and 120/1.001 fps to the frame rates defined in Table 1 and Table 2 of ST 2048-1.

Change instructions are shown in *italics*. Inserted text is shown thus. Deleted text is shown ~~thus~~.

2 Amendment of Section 5 Image Pixel Array and Mapping

In SMPTE ST 2048-1, Section 5.1.5 append the following rows to Table 1:

<u>11</u>	<u>2048 x 1080</u>	<u>96</u>
<u>12</u>	<u>2048 x 1080</u>	<u>96/1.001</u>
<u>13</u>	<u>2048 x 1080</u>	<u>100</u>
<u>14</u>	<u>2048 x 1080</u>	<u>120</u>
<u>15</u>	<u>2048 x 1080</u>	<u>120/1.001</u>

In SMPTE ST 2048-1, Section 5.2.5 append the following rows to Table 2:

<u>11</u>	<u>4096 x 2160</u>	<u>96</u>
<u>12</u>	<u>4096 x 2160</u>	<u>96/1.001</u>
<u>13</u>	<u>4096 x 2160</u>	<u>100</u>
<u>14</u>	<u>4096 x 2160</u>	<u>120</u>
<u>15</u>	<u>4096 x 2160</u>	<u>120/1.001</u>