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SERIES N: MAINTENANCE OF INTERNATIONAL
SOUND-PROGRAMME AND TELEVISION
TRANSMISSION CIRCUITS

International television transmissions – Lining-up and
monitoring of an international television connection

**Nominal amplitude of video signals at video
interconnection points**

Reedition of CCITT Recommendation N.60
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NOTES

1 CCITT Recommendation N.60 was published in Fascicle IV.3 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

NOMINAL AMPLITUDE OF VIDEO SIGNALS AT VIDEO INTERCONNECTION POINTS

At video interconnection points, the nominal amplitude of the picture signal, measured from the blanking level to the white level should be 0.7 V (0.714 V for system M signals), while the nominal amplitude of the synchronizing pulses should be 0.3 V (0.286 V for system M signals), so that the nominal peak-to-peak amplitude of a monochrome video signal should be 1.0 V. The addition of colour information results in an increase in the overall amplitude of the video signal. The magnitude of this increase depends upon the colour system employed, but should not exceed 25% (i.e. nominal amplitude of composite colour video signal ≤ 1.25 V). Figure 1/N.60 shows the waveform of a video signal.

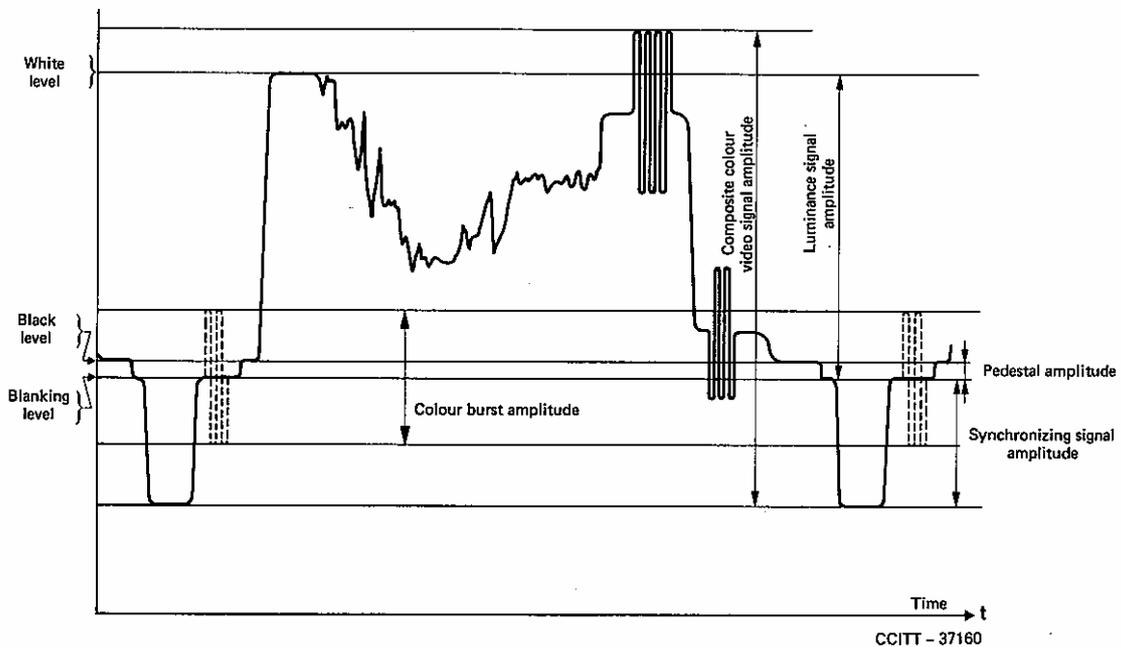


FIGURE 1/N.60
Waveform of one line of video signal

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