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VIDEO LEVEL

Videolevels including any line-up shall be within the specified limits so that the programme material can be used without adjustment.

Video levels are based on the PAL System I which specifies 0 – 100%
RGB Limits.

Luminance limits 110% max

Chrominance 123% max

Chrominance levels measured on the colour bars.

Chrominance levels measured below black level on a waveform monitor shall not exceed – 18%

- a) The picture must be sharp and well lit (unless artistic considerations require otherwise).
- b) The video signal must be free of excessive black crushing and highlight compression. Transient response shall be such that streaking, ringing, smear, echoes and overshoots are not noticeable.
- c) Colour rendition, especially skin tones, must be a realistic representation of the scene portrayed unless artistic considerations require otherwise.
- d) Video processing (e.g. effects devices) must not introduce unintentional changes to luminance and chrominance levels nor cause perceptible timing shifts on entry or exit from the effect.
- e) Appropriate audio or video delay must be used to compensate for lip-sync errors.
- f) Please ensure that programmes are either .avi or mpeg 2 format.

General Audio Quality Requirements

The audio shall be free of spurious signals such as noise, hum and crosstalk.

Sibilance and distortion wow and flutter shall not be apparent.

Audio compression should be used as little as possible as the effects of compression used for broadcast distribution and transmission can exacerbate impairments.

Dynamis range shall not be excessive. It shall be suitable for the whole range of domestic listening.

The Maximum of Peak programme level shall never exceed 0dBu.

The acceptable peak level for MTV is 6dBu.

NB! Please make sure the low levels are easily audible.