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Abstract

Letter-box television signals of 16:9 image format compatible with 4:3 receivers may contain, in the two edge strips above and below the active image, additional information needed by a 16:9 receiver in order to reproduce an image with a resolution close to that of the source signal. This additional information may be modulated on the colour carrier and therefore become unusable when recorded on a video recorder (approx. 600 kHz chrominance bandwidth). If the additional information is recorded in the edge strip lines, e.g. in S-VHS video recorders in combination with corresponding switchovers via the luminance channel, the entire bandwidth (about 5 Mhz) of the additional information is retained.

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