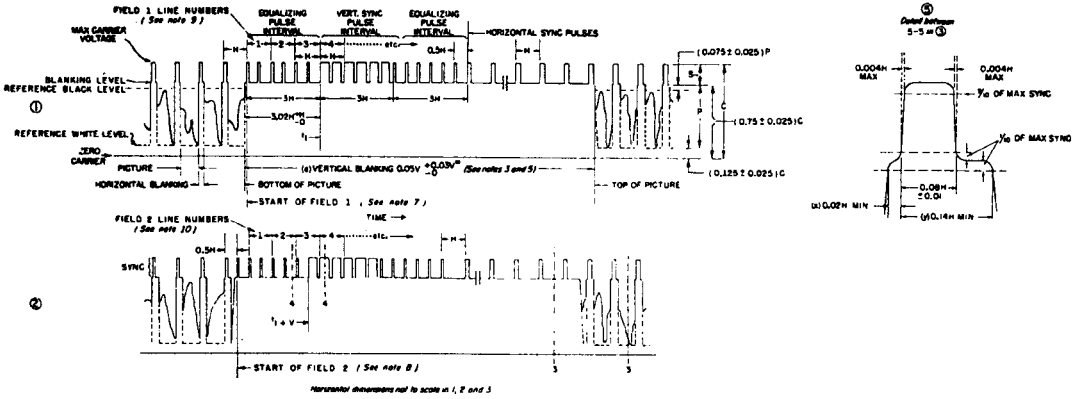
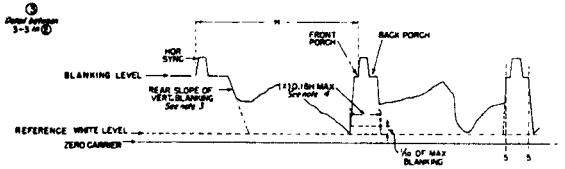
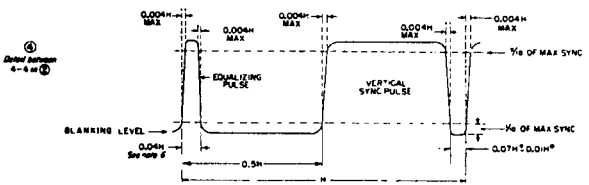
TELEVISION SYNCHRONIZING WAVEFORM

FOR MONOCHROME TRANSMISSION ONLY







NOTES

1. H = Time from start of one line to start of next line.
2. V = Time from start of one field to start of next field.
3. Leading and trailing edges of vertical blanking should be complete in less than 0.1H.
4. Leading and trailing slopes of horizontal blanking must be steep enough to preserve minimum and maximum values of (x + y) and (z) under all conditions of picture content.
*5. Dimensions marked with asterisk indicate that tolerances given are permitted only for long time variations and not for successive cycles.
6. Equalizing pulse duration must be between 0.45 and 0.55 of the duration of the horizontal synchronizing pulse duration.
7. Start of Field 1 is defined by a whole line between first equalizing pulse and preceding H sync pulses.
8. Start of Field 2 is defined by a half line between first equalizing pulse and preceding H sync pulses.
9. Field 1 line numbers start with first equalizing pulse in Field 1.
10. Field 2 line numbers start with second equalizing pulse in Field 2.
11. Refer to text for further explanations and tolerances.
12. Maximum horizontal and vertical blanking intervals are recommended values only.

Figure 7