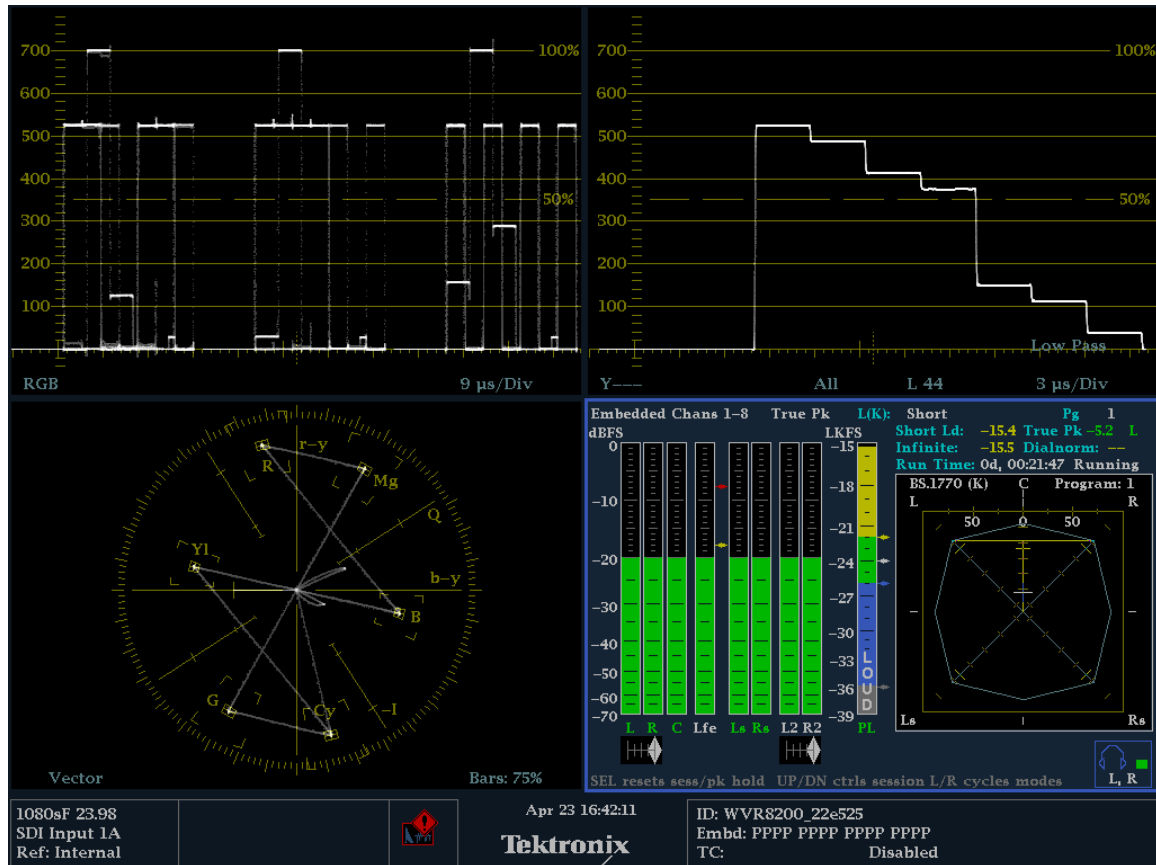


NBCUniversal
Operations & Technology
TECHNICAL OPERATIONS

Version 2.0: Format Spec Sheet #CM-001S
Supervisor Scope Monitoring Set up

Below is the recommended set up for Scope Monitoring



An example of a multi-display for a Tektronix scope.

Below are the quadrants and their respective displays:

Quadrant #1 (Upper Left) – Set up as a Parade Waveform Display in “Flat” mode. This option allows the Supervisor to see the overall signal in RGB values.

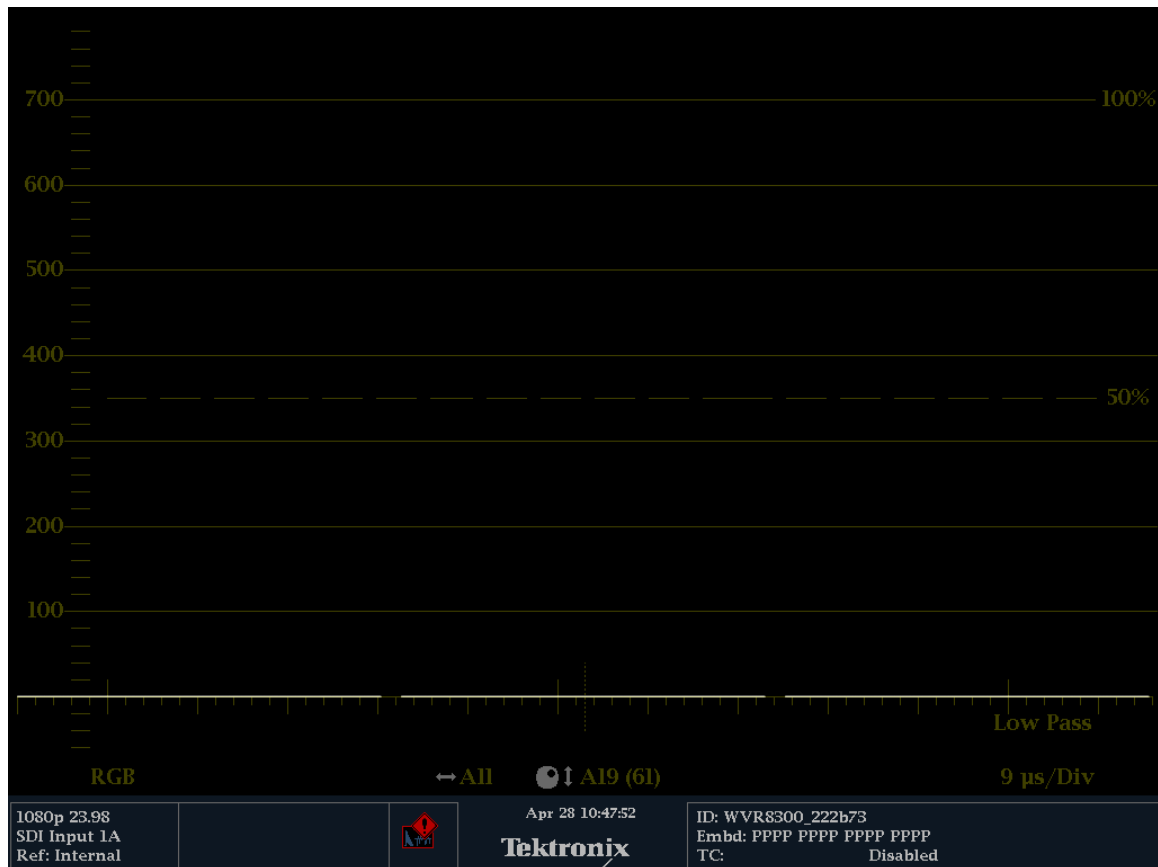
Quadrant #2 (Upper Right) – Set up in a “Line Select” and / or “Single Line” in “Low Pass” mode. With this option, you are able to toggle between each using the line select option on the scope. This option allows the Supervisor to select any line using the “General” knob and also to toggle between the line select and a single “Flat” or Luminance only view.

Quadrant #3 (Lower Left) – Set up as a Vector Display in 75% mode. This option allows the Supervisor to view the color saturation values.

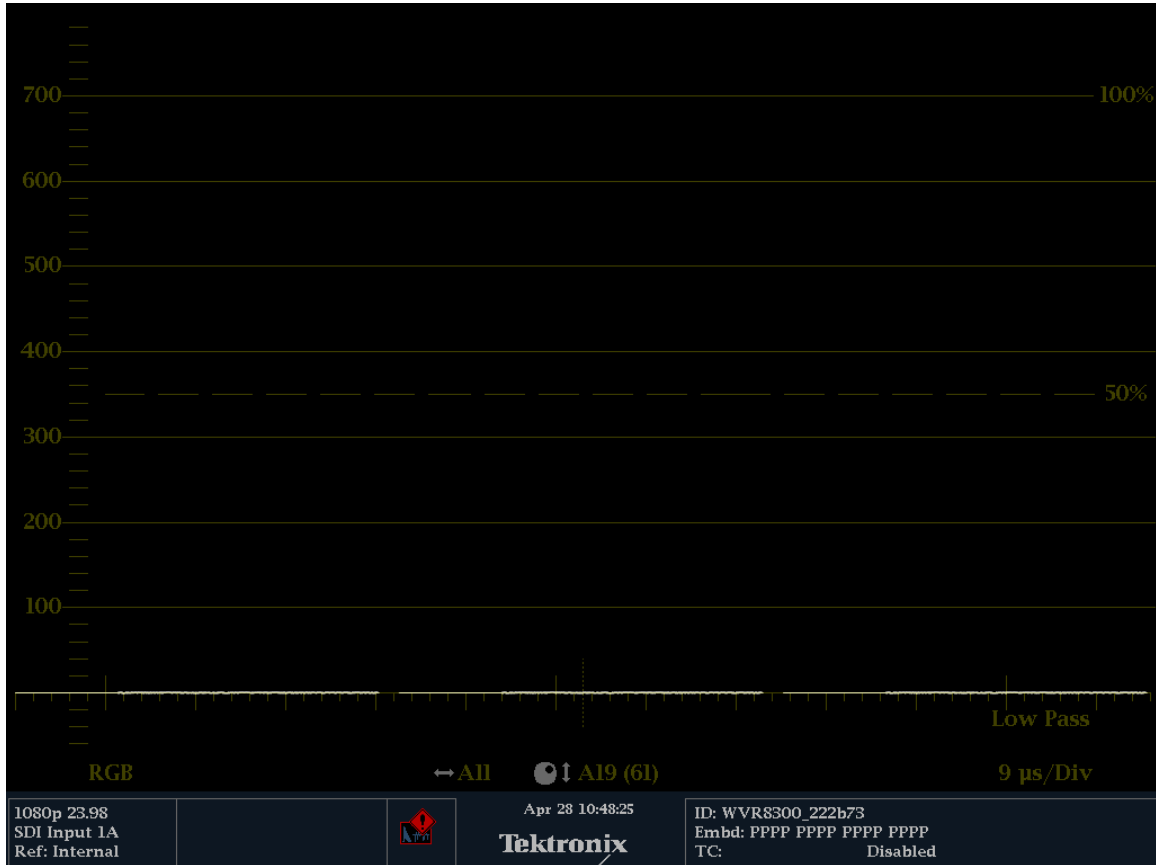
Quadrant #4 (Lower Right) – Set up as a 5.1 Audio monitoring. This option shows the Supervisor the audio levels and phasing.

HD content QC'd on a Clipster, should be done in "P" not "pSF". Inaccurate line count readings might occur if you are in the incorrect mode.

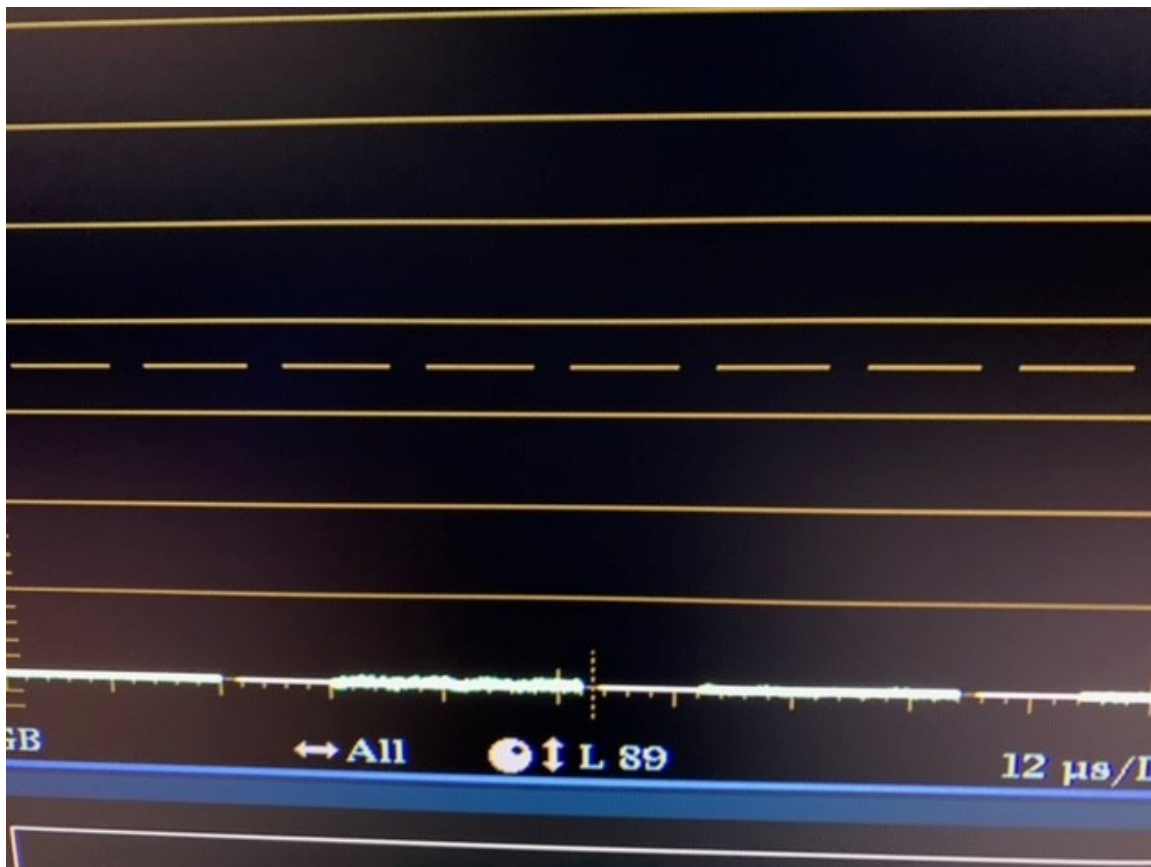
Below is an example of **“NO NOISE” or “0 code values”** as it shows up on the scope.



Below are examples of “acceptable compression noise” in the black matte as it shows up on the scope.



Zoomed in on “compression noise” in black matte.



If you have any questions, please contact:

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DOCUMENT HISTORY

Version #	Date	Revised by	Reason for Change
2.0	06/11/2022	Harvey Landy	Version 2.0 Created
1.3	12/18/2021	Harvey Landy	Added HD QC should be done in "P" not "pSF"
1.2	05/11/2021	Harvey Landy	Changed an error from Flat to Low Pass in scope settings
1.1	04/28/2021	Harvey Landy	Added acceptable "noise" pictures
1.0	04/23/2021	Harvey Landy	Document Creation