

**Example System Measurements
Tektronix, May 22, 1998**

Measurement dimensions

Y-XShift: pixels
 Cr-XShift: pixels
 Cb-XShift: pixels
 Y-YShift: lines
 Cr-YShift: lines
 Cb-YShift: lines
 Left Crop: pixels
 Top Crop: lines
 Right Crop: pixels
 Bottom Crop: lines
 Y-Level: q-levels
 Cr-Level: q-levels
 Cb-Level: q-levels
 Y-Gain: ratio
 Cr-Gain: ratio
 Cb-Gain: ratio

Accom 4Fsc, "C" analog I/O

Y-XShift: 0.03
 Cr-XShift: 0.00
 Cb-XShift: 0.01
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 8
 Top Crop: 2
 Right Crop: 6
 Bottom Crop: 0
 Y-Level: 4.28
 Cr-Level: -0.23
 Cb-Level: -0.24
 Y-Gain: 0.97
 Cr-Gain: 1.05
 Cb-Gain: 0.97

Betacam SX, 601 I/O

Y-XShift: -0.00
 Cr-XShift: 0.00
 Cb-XShift: -0.00
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 0
 Top Crop: 2
 Right Crop: 0
 Bottom Crop: 0
 Y-Level: -0.13
 Cr-Level: -0.02
 Cb-Level: -0.03
 Y-Gain: 1.00
 Cr-Gain: 1.00
 Cb-Gain: 1.00

Accom 4Fsc, 3/4" I/O, BVU950

Y-XShift: -0.14
 Cr-XShift: 0.18
 Cb-XShift: 0.16
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 8
 Top Crop: 2
 Right Crop: 6
 Bottom Crop: 0
 Y-Level: 5.02
 Cr-Level: -1.32
 Cb-Level: -2.02
 Y-Gain: 0.97
 Cr-Gain: 0.71
 Cb-Gain: 0.62

Accom 4Fsc, D2 I/O

Y-XShift: 0.00
 Cr-XShift: 0.03
 Cb-XShift: 0.03
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 8
 Top Crop: 2
 Right Crop: 6
 Bottom Crop: 0
 Y-Level: -0.39
 Cr-Level: -0.26
 Cb-Level: -0.36
 Y-Gain: 1.01
 Cr-Gain: 1.04
 Cb-Gain: 0.96

Betacam SP, 601 I/O, BVW75

Y-XShift: 0.73
 Cr-XShift: 0.17
 Cb-XShift: 0.16
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 2
 Top Crop: 2
 Right Crop: 2
 Bottom Crop: 0
 Y-Level: -0.74
 Cr-Level: -0.55
 Cb-Level: -0.60
 Y-Gain: 1.00
 Cr-Gain: 1.01
 Cb-Gain: 1.00

Digital Betacam DVW-A500

Y-XShift: 0.00
 Cr-XShift: 0.00
 Cb-XShift: -0.00
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 0
 Top Crop: 2
 Right Crop: 0
 Bottom Crop: 0
 Y-Level: -0.26
 Cr-Level: -0.21
 Cb-Level: -0.21
 Y-Gain: 1.00
 Cr-Gain: 1.00
 Cb-Gain: 1.00

Avid AVR-71, DVW-A500, Yrb I/O

Y-XShift: 0.12
 Cr-XShift: -0.18
 Cb-XShift: -0.19
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 4
 Top Crop: 2
 Right Crop: 4
 Bottom Crop: 0
 Y-Level: 1.48
 Cr-Level: -0.44
 Cb-Level: -0.06
 Y-Gain: 1.00
 Cr-Gain: 1.05
 Cb-Gain: 1.03

Discreet Logic Flame, 601 I/O

Y-XShift: -0.00
 Cr-XShift: 0.00
 Cb-XShift: -0.00
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 0
 Top Crop: 0
 Right Crop: 0
 Bottom Crop: 0
 Y-Level: -0.58
 Cr-Level: -0.31
 Cb-Level: 0.43
 Y-Gain: 1.01
 Cr-Gain: 1.00
 Cb-Gain: 0.98

Avid AVR-77, DVW-A500, Yrb I/O

Y-XShift: 0.13
 Cr-XShift: -0.20
 Cb-XShift: -0.19
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 4
 Top Crop: 2
 Right Crop: 4
 Bottom Crop: 0
 Y-Level: 0.52
 Cr-Level: -1.72
 Cb-Level: -1.38
 Y-Gain: 0.99
 Cr-Gain: 1.00
 Cb-Gain: 0.99

Quantel Henry, 601 I/O

Y-XShift: 0.00
 Cr-XShift: 0.00
 Cb-XShift: -0.00
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 0
 Top Crop: 0
 Right Crop: 0
 Bottom Crop: 0
 Y-Level: 0.00
 Cr-Level: 0.00
 Cb-Level: 0.00
 Y-Gain: 1.00
 Cr-Gain: 1.00
 Cb-Gain: 1.00

Adobe Effects, 601 I/O

Y-XShift: -0.00
 Cr-XShift: -0.00
 Cb-XShift: -0.00
 Y-YShift: 0.00
 Cr-YShift: 0.00
 Cb-YShift: 0.00
 Left Crop: 0
 Top Crop: 0
 Right Crop: 0
 Bottom Crop: 0
 Y-Level: 13.81
 Cr-Level: 0.02
 Cb-Level: 0.13
 Y-Gain: 0.86
 Cr-Gain: 0.88
 Cb-Gain: 0.88

DVC Pro

Y-XShift: -0.00
Cr-XShift: 0.00
Cb-XShift: -0.04
Y-YShift: 0.00
Cr-YShift: 0.00
Cb-YShift: 0.00
Left Crop: 0
Top Crop: 4
Right Crop: 0
Bottom Crop: 2
Y-Level: 0.39
Cr-Level: 0.26
Cb-Level: 0.09
Y-Gain: 0.87
Cr-Gain: 0.90
Cb-Gain: 0.74

DVD 7 CBR

Y-XShift: 4.06
Cr-XShift: 2.10
Cb-XShift: 2.07
Y-YShift: 0.00
Cr-YShift: -0.50
Cb-YShift: 0.00
Left Crop: 0
Top Crop: 4
Right Crop: 6
Bottom Crop: 4
Y-Level: 0.50
Cr-Level: 0.05
Cb-Level: -1.12
Y-Gain: 0.89
Cr-Gain: 0.89
Cb-Gain: 0.84

DVD 4.0 VBR

Y-XShift: 4.04
Cr-XShift: 2.07
Cb-XShift: 2.06
Y-YShift: 0.00
Cr-YShift: -0.50
Cb-YShift: -0.50
Left Crop: 0
Top Crop: 4
Right Crop: 6
Bottom Crop: 4
Y-Level: 0.04
Cr-Level: 0.02
Cb-Level: -1.21
Y-Gain: 0.89
Cr-Gain: 0.89
Cb-Gain: 0.84

RE4500 ETSI 45 Mb/s Codec

Y-XShift: -0.00
Cr-XShift: -0.00
Cb-XShift: -0.00
Y-YShift: 0.00
Cr-YShift: 0.00
Cb-YShift: 0.00
Left Crop: 0
Top Crop: 2
Right Crop: 0
Bottom Crop: 0
Y-Level: -0.19
Cr-Level: -0.21
Cb-Level: -0.20
Y-Gain: 1.00
Cr-Gain: 1.00
Cb-Gain: 1.00