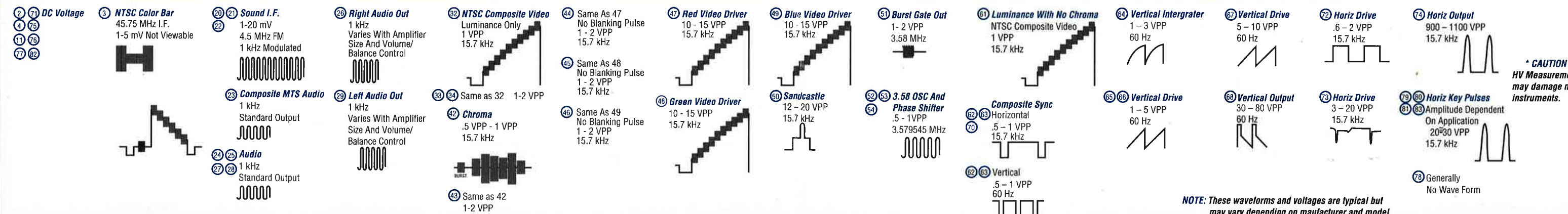
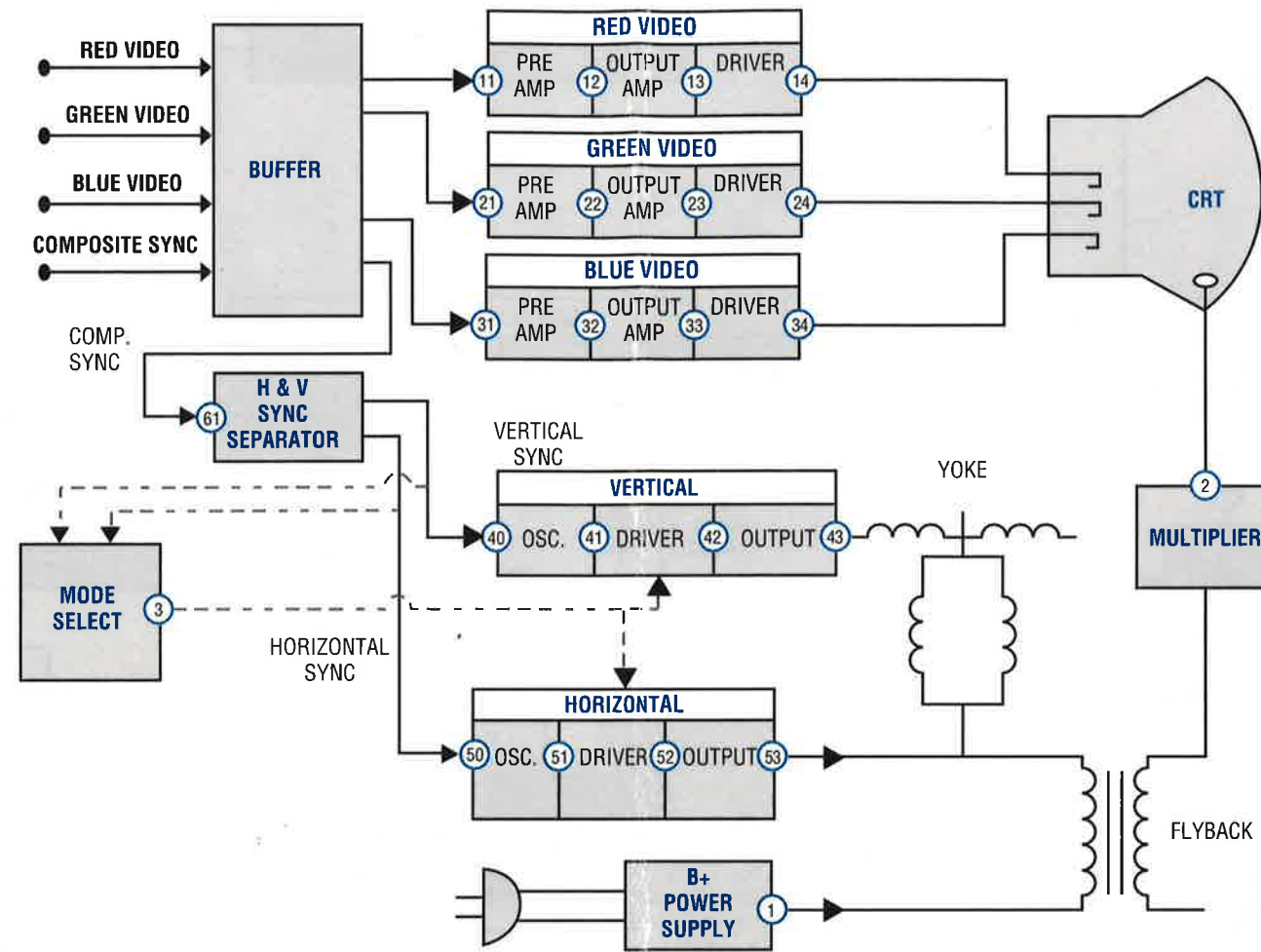


VG91/TVA92 Drive Signal Substitution Chart	
Test Point	Drive Signal
1	RF STD TV/STD Cable
2-4	DC Bias Supply
3-7	45.75 MHz Video IF
8-10	Video
23 (Mono)	Audio
23 (MTS)	MTS Composite
24-26	Audio
27-29	Audio
30-34	Video
40-46	Chroma
47-49	Video
50	V & H Blanking
51-54	3.58 MHz
61	Video
62,63	V & H Sync
64	Vert Sync
65-67	Vert Drive
68	[See Vert Yoke Test]
70	V & H Sync
71	DC Bias Supply
72,73	Horiz Drive
74	[Use Dynamic Tests]
75	[Measure DCV]
76,77	[Measure DCV]
78-82	[Measure DCV, PPV]
83	H Key Pulse



NOTE: These waveforms and voltages are typical but may vary depending on manufacturer and model.



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① ② DC Voltage
③
R, G, B Video Amp
⑪ ⑫ ⑬ - .7VPP
⑭ ⑮ ⑯ - 1-2 VPP
⑰ ⑱ ⑲ - 3-5 VPP
⑳ ㉑ ㉒ - 50-150 VPP

④ Vertical Sync
5 VPP
Vertical Monitor Rate

⑤ Vertical Oscillator
1-5 VPP
Vertical Rate

⑥ Vertical Driver
3-5 VPP
Vertical Rate

⑦ Vertical Output
40-80 VPP
Vertical Rate

⑧ Horizontal Sync
5 VPP
Horiz. Rate

⑨ Horizontal Osc.
5 VPP Horiz. Rate

⑩ Horizontal Driver
Output
Horiz. Rate
30-100 VPP

⑪ Horizontal Output
Base Drive
15 - 30 VPP
Horiz. Rate

⑫ Horizontal Output
Collector
800 - 1100 VPP
Horiz. Rate

⑬ Composite Sync In
5 VPP
Horiz. At Monitor Freq.

⑭ 5 VPP
Vert. At Monitor Freq.

*** CAUTION ***
HV Measurements
may damage most
instruments.

NOTE: These waveforms and voltages are typical but may vary depending on manufacturer and model.