

Electrical Characteristics (Cont'd): ($T_A = +25^\circ\text{C}$, $V_+ = 11.6\text{V}$ unless otherwise specified)

Parameter	Symbol	Test Conditions						Typ	Unit	
		S ₁	S ₂	S ₃	Chroma In	Burst In	V ₄			V ₁₇
Dynamic Characteristics										
Minimum OSC Pull-In Range (Note 1)	V ₁₂	2	1	1	273mV _{P-P}		1.5V	7V	±300	Hz
OSC Level	V ₁₂	2	1	1						0.6
100 Percent ACC	V ₁₃	1	1	1					1.0	V _{P-P}
Minimum Gain Control	V ₁₃	1	1	1			11.6V		20	mV _{P-P}
50 Percent Gain Control	V ₁₃	1	1	1			6.0V		50	% of
200 Percent ACC	V ₁₃	1	1	1	546mV _{P-P}		1.5V		100	100% ACC
20 Percent ACC	V ₁₃	1	1	1	54.6V _{P-P}				100	Value
Maximum Kill Output	V ₁₃	1	1	1	54.6mV _{P-P}	4mV _{P-P}			20	mV _{P-P}
Minimum Unkill Output	V ₁₃	1	1	1		30mV _{P-P}			400	mV _{P-P}
Overload Detector (OLD)	V ₁₃	1	1	2	546mV _{P-P}	273mV _{P-P}			1.0	V _{P-P}
R-Y Sensitivity (E _g = 282mV _{P-P} , 3.53MHz)	V ₁₀	1	2	1	0				0.8	V _{P-P}
R-Y Ratio B-Y/R-Y (Note 2)	V ₈	1	2	1					120	%
G-Y Ratio G-Y/R-Y (Note 2)	V ₉	1	2	1					33	%
Maximum R-Y Output (E _g = 2V _{P-P} , 3.53MHz)	V ₁₀	1	2	1					3.0	V _{P-P}
Minimum Tint Control Range	φ13	1	1	1	273mV _{P-P}			0V to 11.6V	80	Degrees

Note 1. Tune C₂ to 3,579,845Hz with S₁ in position 2. Put S₁ in position 1, and check for pull-in. Repeat for frequency tuned to 3,579,245Hz. For other tests, frequency tuned to 3,579,545Hz ±10Hz.

Note 2. All input levels up to 2V_{P-P}.



