

	Natural	Convenient units		Value used (rounded off to convenient value)	Clocks per pixel	
Color freq	3579545	3,579545	Mhz			
Interlaced frames		29,97	per second			
Non-interlaced frames		59,94	per second			
Interlaced lines		525				
Non-interlaced lines		262,5		262		
Color Clocks	2,79365E-07	279,3651148	ns			
PLL clocks (for programming VSCL)	1,74603E-08	17,46031968	ns			
A lines takes	6,35556E-05	63,55561911	us			
Clocks per line	3640,003178	3640,003178	per line	3640		
Horizontal sync takes	1,09556E-05	10,95561911	us			
Active video takes		52,6	us			
Clocks per hsync	627,4581058	627,4581058		624	39	(Output with a single WAITVID)
Clocks per active video		3012,545072		3008	188	(Output with a single WAITVID for blank lines)
256 pixel line 256 color mode WAITVIDS				64		
...Each WAITVID				160	10	
...Clocks per 256 pixels				2560		
Front and back porch (overscan) each				224		
Total lines		262	lines			
Vsync lines		18	lines			
Visible video		244	lines			
For 192 line mode, top and bottom overscan		26	lines			
For 224 line mode, top and bottom overscan		10	lines			