optimize timing parameters - 3840x2160p23

You can try any of the modes suggested here. Ideally pick one which has a high "compatibility" rating and also a low frame drop/repeat estimation. You can always return to the "measured timings" as a safe fallback.

description	h back porch	v back porch	estimated frame drops/repeats	compatibility
current timings	296	72	1 frame repeat every 7.79 hours	100
measured timings	296	72	1 frame repeat every 7.79 hours	100
EDID / CTA	296	72	1 frame drop every 2.06 hours	99
CVT Reduced Blanking v1	80	17	1 frame repeat every 3.46 hours	80
CVT Reduced Blanking v2	40	6	1 frame repeat every 1.41 hours	80
CVT CRT	616	24	1 frame drop every 19.00 minutes	80
GTF	616	26	1 frame repeat every 53.49 minutes	80
same pixel clock #1	130	142	1 frame drop every 3.76 days	50
same pixel clock #2	388	35	1 frame drop every 1.66 days	65
same pixel clock #3	226	101	1 frame drop every 14.95 hours	50
same pixel clock #4	207	109	1 frame drop every 11.39 hours	50
optimized pixel clock #1	296	67	no frame drops/repeats expected	90
optimized pixel clock #2	368	71	no frame drops/repeats expected	80
optimized pixel clock #3	528	70	no frame drops/repeats expected	80
optimized pixel clock #4	464	80	no frame drops/repeats expected	75
optimized pixel clock #5	296	114	no frame drops/repeats expected	75
optimized pixel clock #6	360	54	no frame drops/repeats expected	75
optimized pixel clock #7	492	64	no frame drops/repeats expected	75
optimized pixel clock #8	504	85	no frame drops/repeats expected	70
optimized pixel clock #9	520	88	no frame drops/repeats expected	70

	front porch		sync width		back porch		blanking		visible		total		sync
horizontal:	1278	+	88	+	296	=	1662	+	3840	=	5502	pixels	+
vertical:	8	+	10	+	72	=	90	+	2160	=	2250	pixels	+

pixel clock: 296.81 mhz

results in: 23.9759279453936 hz 1 frame repeat every 7:79 hours

Test Mode Cancel