

Table 4-2 Dolby E Reference Line Position

Video Format	Dolby E Frame Rate (fps)	Total Number of Lines	Earliest Valid Position		Ideal Position						Latest Valid Position	
					-80uS		±80uS		+80uS			
			Line	μS	Line	μS	Line	μS	Line	μS	Line	μS
625/50/i	25	625	8	450	11	650	12	730	13	810	30	1860
525/59.94/i	29.97	525	12	510	13	610	14	690	16	770	26	1400
Dolby Black/23.98	23.98	693	10	390	18	890	20	970	21	1050	63	3610
Dolby Black/24	24	625	9	390	17	890	18	970	19	1050	58	3610
Dolby Black/30	30	500	11	510	13	610	14	690	15	770	26	1530
1920x1080/60/i	30	1125	18	510	21	610	24	690	26	770	52	1530
1920x1080/59.94/i	29.97	1125	18	510	21	610	24	690	26	770	48	1400
1920x1080/50/i	25	1125	13	450	19	650	21	730	23	810	53	1860
1920x1080/48/i	24	1125	11	390	25	890	27	970	29	1050	98	3610
1920x1080/47.97/i	23.98	1125	11	390	25	890	27	970	29	1050	98	3610
1920x1080/60/p	30	1125	35	510	42	610	47	690	52	770	104	1530
1920x1080/59.94/p	29.97	1125	35	510	42	610	47	690	52	770	95	1400
1920x1080/50/p	25	1125	26	450	37	650	42	730	46	810	105	1860
1920x1080/30/p	30	1125	18	510	21	610	24	690	26	770	52	1530
1920x1080/29.97/p	29.97	1125	18	510	21	610	24	690	26	770	48	1400
1920x1080/25/p	25	1125	13	450	19	650	21	730	23	810	53	1860
1920x1080/24/p	24	1125	11	390	25	890	27	970	29	1050	98	3610
1920x1080/23.98/p	23.98	1125	11	390	25	890	27	970	29	1050	98	3610
1280x720/60/p	30	750	23	510	28	610	32	690	35	770	69	1530
1280x720/59.94/p	29.97	750	23	510	28	610	32	690	35	770	63	1400
1280x720/50/p	25	750	17	450	25	650	28	730	31	810	70	1860
1280x720/30/p	30	750	12	510	14	610	16	690	18	770	35	1530
1280x720/29.97/p	29.97	750	12	510	14	610	16	690	18	770	32	1400
1280x720/25/p	25	750	9	450	13	650	14	730	16	810	35	1860
1280x720/24/p	24	750	8	390	17	890	18	970	19	1050	65	3610
1280x720/23.98/p	23.98	750	8	390	17	890	18	970	19	1050	65	3610

μS = Microseconds