

**Owner:** Withheld  
**Manufacturer:** Samsung  
**Model:** LN40B750  
**Calibrator:** Summit HDTV  
**Date:** July 9, 2009

Notes: 1080i Cable



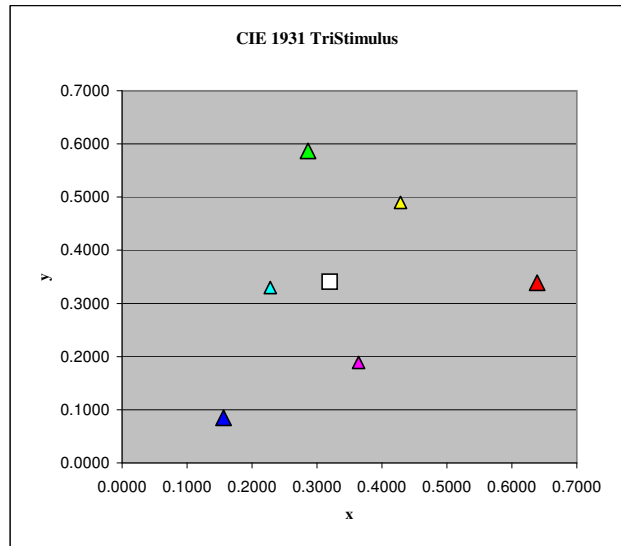
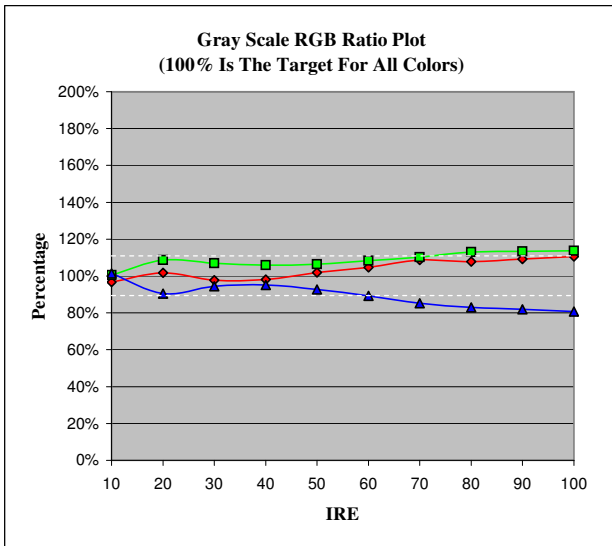
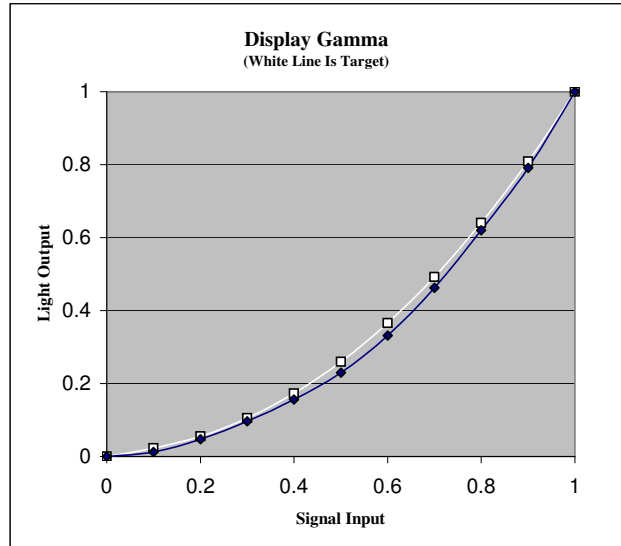
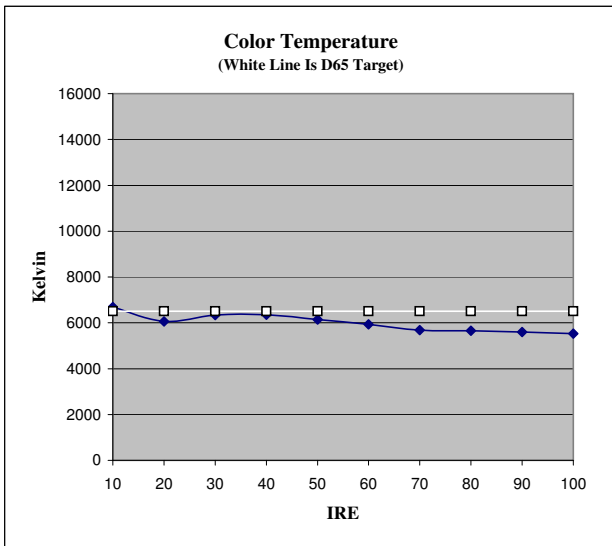
**Pre Calibration Results** All data Copyright©2003-2009 SummitHDTV, www.SummitHDTV.com

IRE	x	y	Y,fL	$\Delta E_{uv}^*$	Kelvin	Gamma	%Red	%Green	%Blue
0	0.2846	0.2533	0.109	68	12262	-	92%	66%	138%
10	0.3095	0.3281	1.181	3	6694	-	97%	100%	101%
20	0.3197	0.3484	4.309	15	6058	-	102%	109%	90%
30	0.3144	0.3422	8.599	10	6337	2.44	98%	107%	94%
40	0.3142	0.3404	13.844	9	6355	2.15	98%	106%	95%
50	0.3184	0.3435	20.354	11	6137	2.12	102%	106%	93%
60	0.3224	0.3492	29.372	15	5932	2.39	105%	108%	89%
70	0.3278	0.3557	40.881	21	5688	2.48	109%	110%	85%
80	0.3285	0.3610	54.794	24	5656	2.49	108%	113%	83%
90	0.3301	0.3624	69.816	25	5593	2.30	109%	113%	82%
100	0.3318	0.3641	88.248	26	5525	2.46	111%	114%	81%

	x	y
Red	0.6389	0.3391
Green	0.2864	0.5871
Blue	0.1560	0.0847
Cyan	0.2281	0.3300
Magenta	0.3642	0.1892
Yellow	0.4288	0.4901
White	0.3195	0.3406

On/Off Contrast Ratio 808

Average Gamma 2.35



**Post Calibration Results**

IRE	x	y	Y,fL	$\Delta E_{u^*v^*}$	Kelvin	Gamma	%Red	%Green	%Blue
0	0.2685	0.2412	0.037	82	-	-	78%	65%	147%
10	0.3017	0.3073	0.254	18	7455	-	94%	91%	112%
20	0.3107	0.3228	1.392	5	6675	-	100%	97%	103%
30	0.3081	0.3274	3.444	4	6782	3.19	95%	101%	102%
40	0.3021	0.3192	5.975	10	7242	2.48	91%	98%	107%
50	0.3022	0.3165	8.910	11	7271	2.20	92%	96%	108%
60	0.3061	0.3197	12.897	8	6983	2.40	95%	97%	106%
70	0.3102	0.3249	17.903	3	6683	2.46	98%	98%	102%
80	0.3143	0.3284	24.357	2	6424	2.62	102%	99%	100%
90	0.3154	0.3328	31.732	3	6340	2.51	102%	101%	98%
100	0.3167	0.3330	39.770	4	6268	2.37	103%	101%	97%

	x	y
Red	0.6370	0.3380
Green	0.2834	0.5856
Blue	0.1545	0.0756
Cyan	0.2194	0.3002
Magenta	0.3241	0.1698
Yellow	0.4294	0.4878
White	0.3083	0.3186

On/Off Contrast Ratio 1083

Average Gamma 2.53

