



Audio & Video Calibration and Consulting

Calibration Report

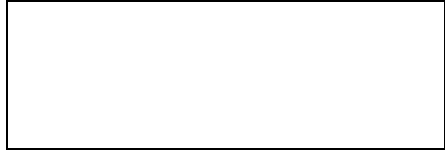
Photo Research PR-670 Verified Color and Sencore SP-495 with
Earthworks M30 Microphone Sound Measurements



W. Jeff Meier
Phone: 832-659-1823
Email: jeff@accucalhd.com
www.accucalhd.com



Owner: David
Manufacturer: Samsung
Model: 46A750
Calibrator: W. Jeff Meier
Date: June 24, 2008



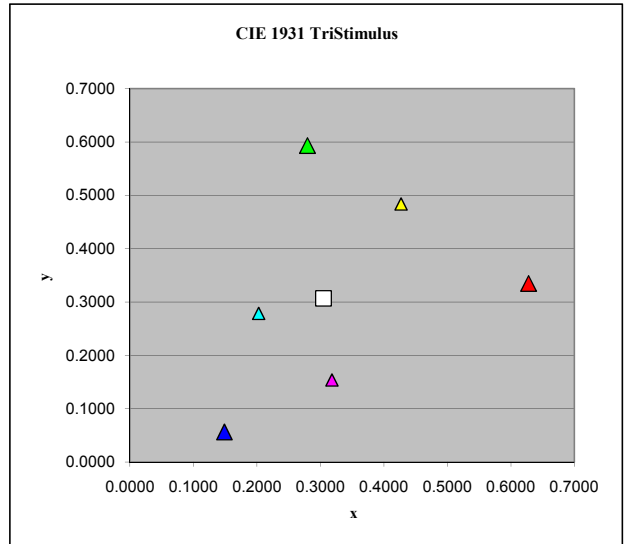
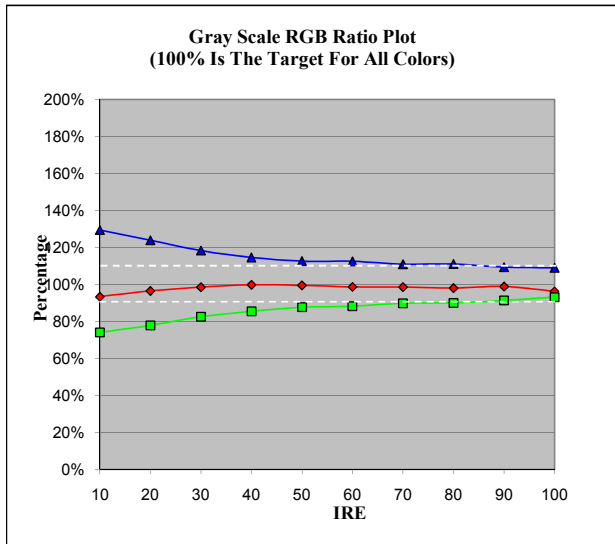
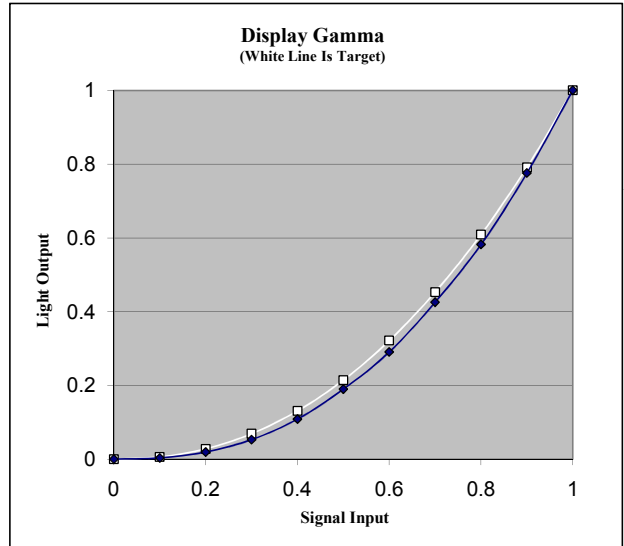
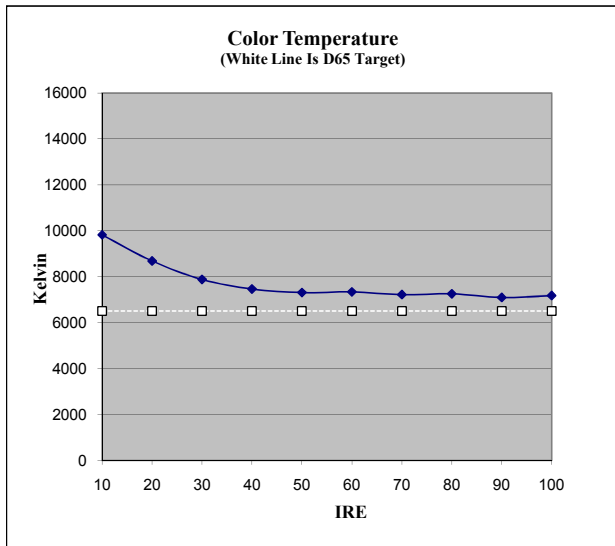
Pre Calibration Results

IRE	x	y	Y,fL	$\Delta E_{u^*v^*}$	Kelvin	Gamma	%Red	%Green	%Blue
0	0.3059	0.2980	0.038	26	-	-	102%	85%	114%
10	0.2905	0.2701	0.197	51	9823	-	93%	74%	129%
20	0.2960	0.2801	1.003	42	8685	-	96%	78%	124%
30	0.3008	0.2909	2.704	32	7882	2.51	99%	82%	118%
40	0.3039	0.2980	5.513	26	7466	2.50	100%	85%	115%
50	0.3049	0.3025	9.614	22	7310	2.51	99%	88%	113%
60	0.3043	0.3031	14.696	21	7340	2.34	99%	88%	112%
70	0.3052	0.3066	21.500	18	7218	2.47	99%	90%	111%
80	0.3047	0.3066	29.409	18	7255	2.35	98%	90%	111%
90	0.3064	0.3098	39.168	16	7093	2.44	99%	91%	109%
100	0.3046	0.3121	50.490	14	7177	2.41	96%	93%	109%

	x	y
Red	0.6280	0.3345
Green	0.2797	0.5930
Blue	0.1488	0.0560
Cyan	0.2025	0.2784
Magenta	0.3182	0.1538
Yellow	0.4269	0.4839
White	0.3049	0.3066

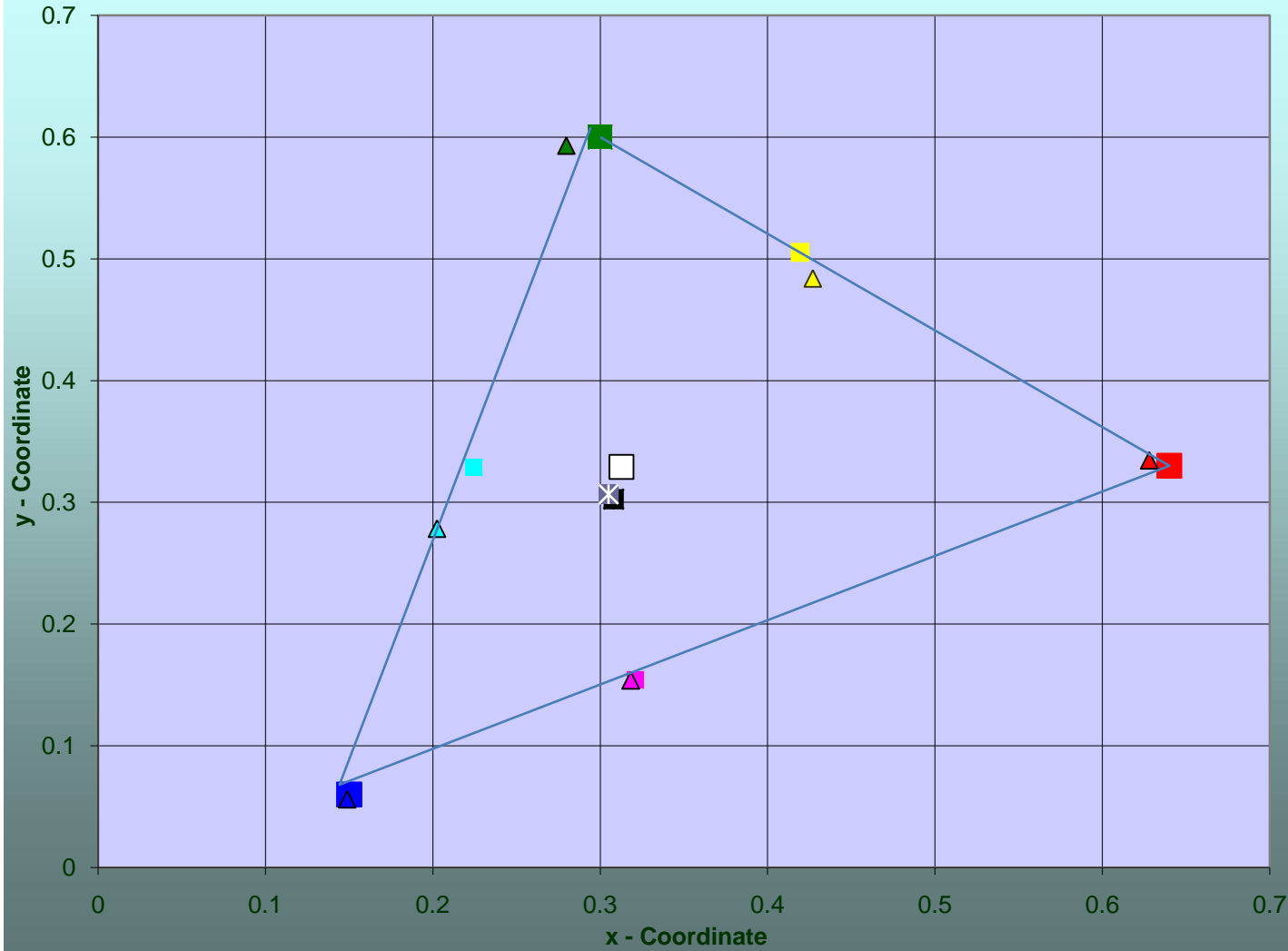
On/Off Contrast Ratio 1331

Average Gamma 2.44



TriStimulus Chart CIE - 1931

HDTV - Colospace



- ⊠ White Value
- Red Primary
- Green Primary
- Blue Primary
- D65
- Yellow Secondary
- Cyan Secondary
- Magenta Secondary
- ▲ Red Value
- ▲ Blue Value
- ▲ Green Value
- ▲ Yellow Value
- ▲ Cyan Value
- ▲ Magenta Value

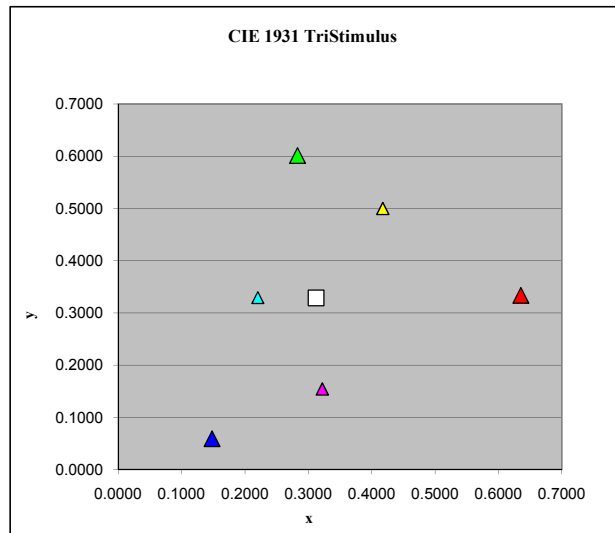
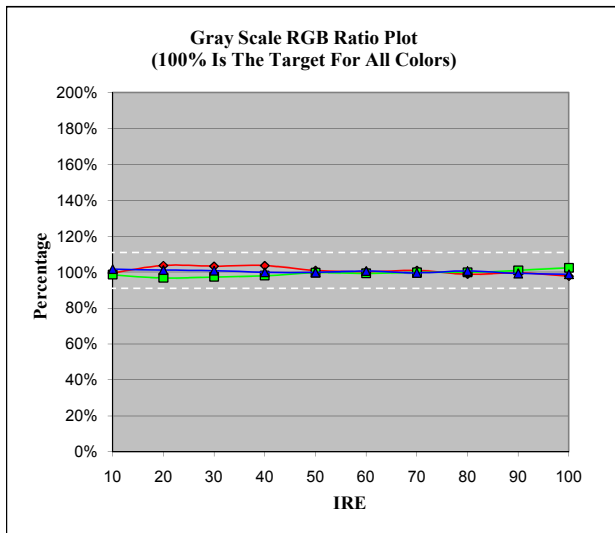
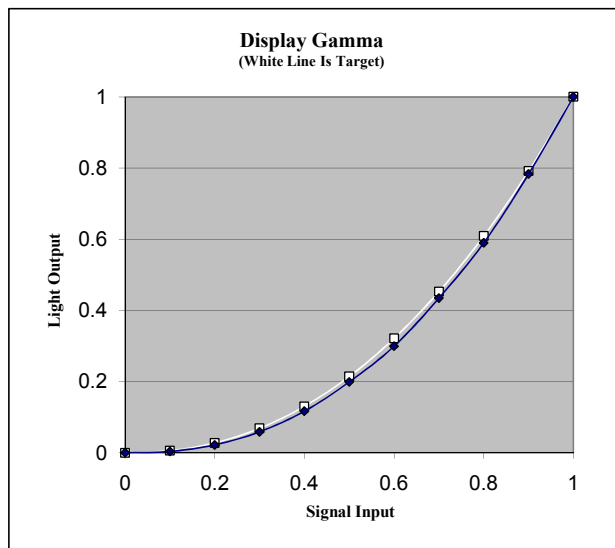
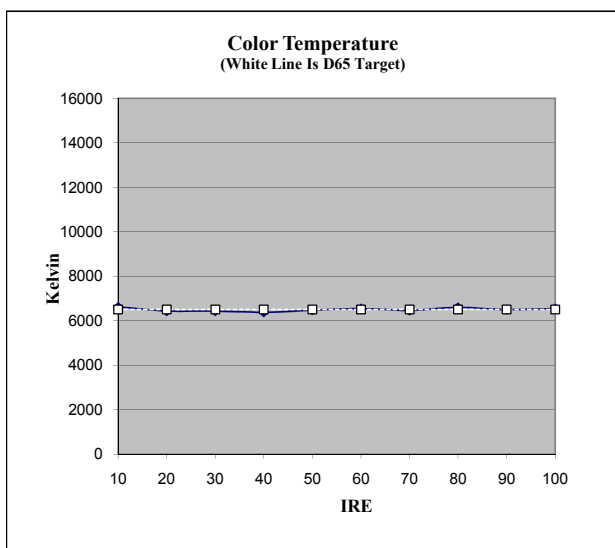
Post Calibration Results

IRE	x	y	Y,fL	$\Delta E_{u^*v^*}$	Kelvin	Gamma	%Red	%Green	%Blue
0	0.2928	0.2667	0.057	55	-	-	97%	71%	130%
10	0.3114	0.3257	0.457	3	6606	-	100%	99%	102%
20	0.3148	0.3245	2.474	5	6427	-	104%	97%	101%
30	0.3146	0.3253	6.502	4	6429	2.42	103%	97%	101%
40	0.3154	0.3270	12.800	4	6374	2.37	104%	98%	100%
50	0.3135	0.3288	21.785	1	6467	2.39	101%	100%	100%
60	0.3125	0.3276	32.726	1	6529	2.24	100%	99%	101%
70	0.3136	0.3293	47.480	1	6456	2.42	101%	100%	100%
80	0.3115	0.3282	64.406	1	6582	2.29	99%	100%	101%
90	0.3128	0.3307	85.512	1	6490	2.41	100%	101%	99%
100	0.3117	0.3327	109.167	4	6533	2.32	98%	102%	99%

	x	y
Red	0.6351	0.3334
Green	0.2828	0.6013
Blue	0.1481	0.0588
Cyan	0.2202	0.3292
Magenta	0.3220	0.1540
Yellow	0.4173	0.5001
White	0.3121	0.3285

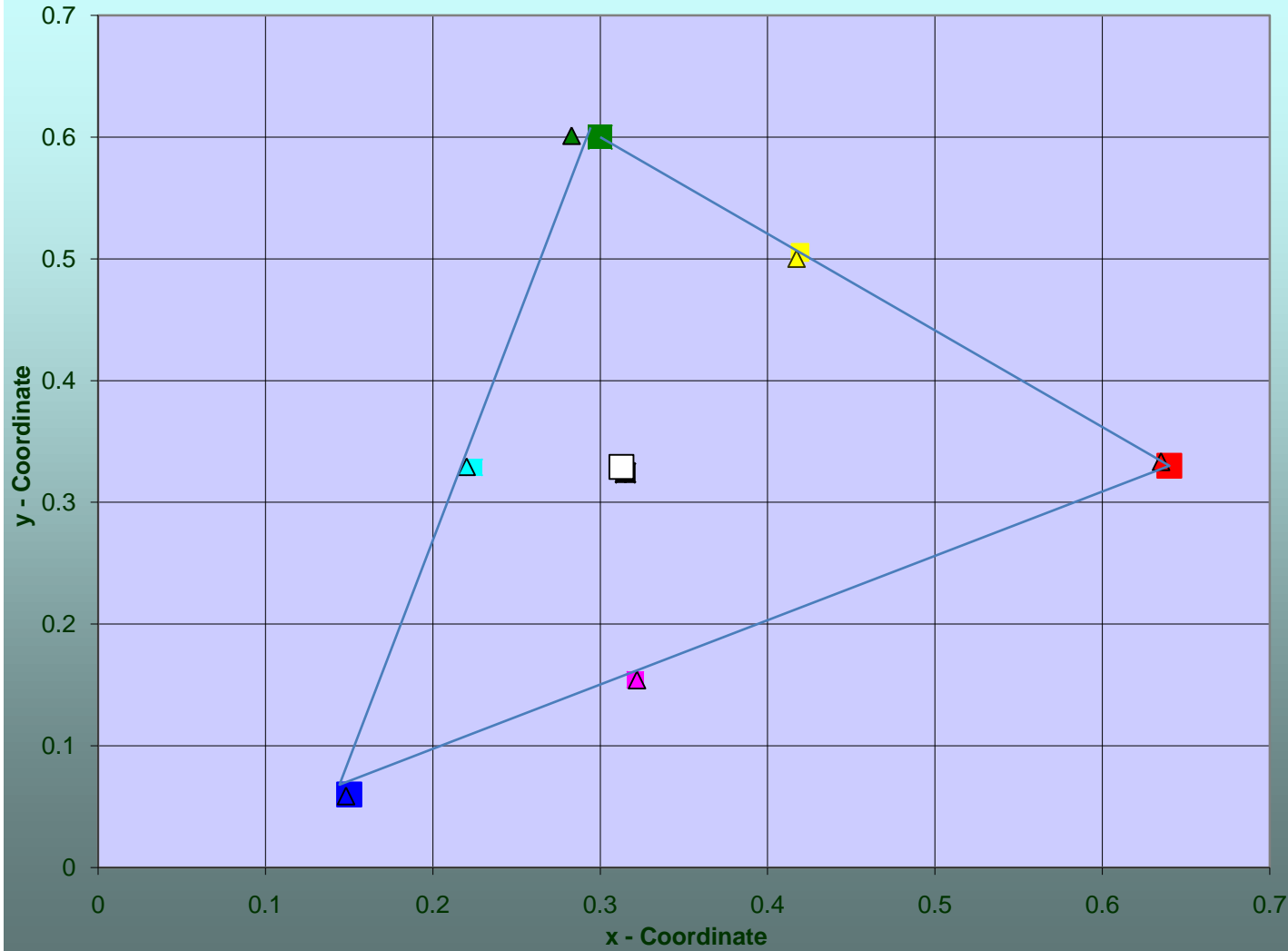
On/Off Contrast Ratio 1927

Average Gamma 2.36



TriStimulus Chart
CIE - 1931

HDTV - Colospace



- ⊠ White Value
- Red Primary
- Green Primary
- Blue Primary
- D65
- Yellow Secondary
- Cyan Secondary
- Magenta Secondary
- ▲ Red Value
- ▲ Blue Value
- ▲ Green Value
- ▲ Yellow Value
- ▲ Cyan Value
- ▲ Magenta Value

AccuCal™

AccuCal™

This service will ensure you are receiving peak performance from your home theater system. State of the art test equipment and design tools are used to achieve optimal results from your display and sound system.



Services Include:

- Video calibration to refine color, contrast and resolution to achieve the through the window look you paid for.
- Audio calibration to optimize your system's frequency response, clarity and balance so you can enjoy the sound as it was meant to be heard.

- Consultation to aid you in the selection of equipment that matches your needs and budget.
- Acoustical design and strategic speaker placement to immerse the room with vibrant sound.
- Video design to attain maximum display performance within your room.

Experience:

- Over two hundred home theaters a year.
- Degreed engineer.
- Modest to high end home theaters around the country.



Your path to the Home Theater ExperienceSM