



**Audio & Video Calibration
and
Consulting**

Calibration Report

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Owner: Martin
Manufacturer: Sony
Model: 70" XBR2 SXRD
Calibrator: W. Jeff Meier
Date: May 2, 2007

Notes:



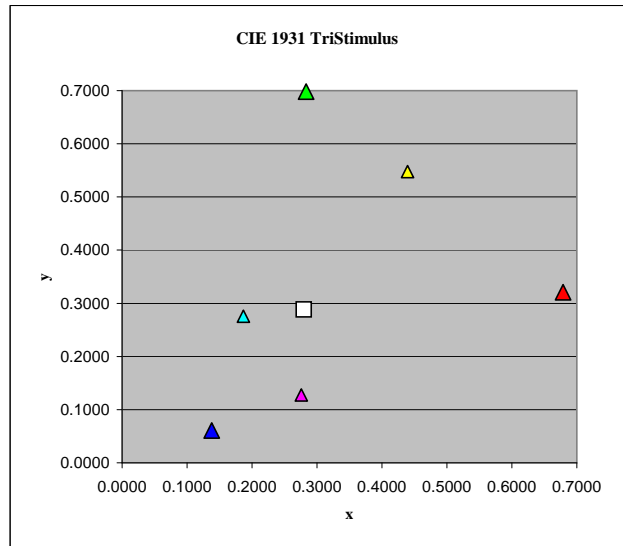
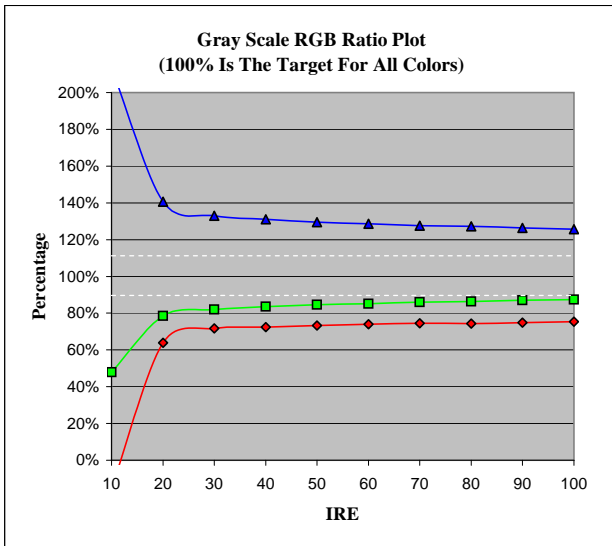
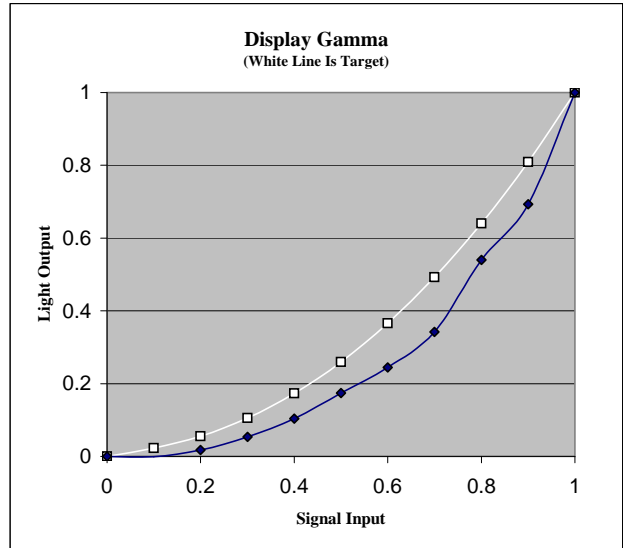
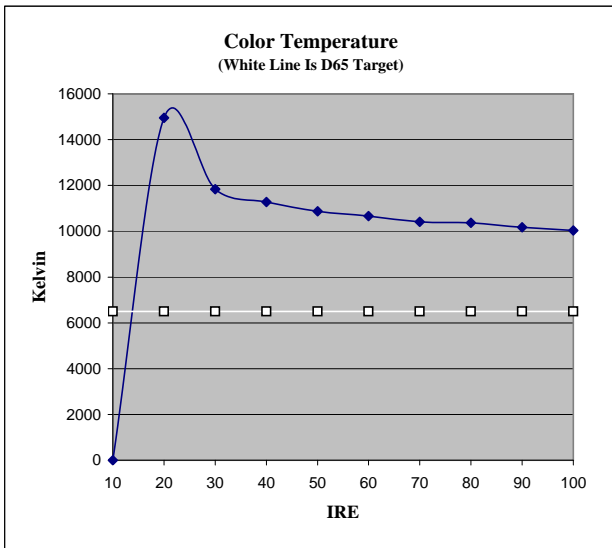
Pre Calibration Results

IRE	x	y	Y,fL	ΔE_{uv}^*	Kelvin	Gamma	%Red	%Green	%Blue
0	0.1883	0.1294	0.048	247	-	-	22%	27%	214%
10	0.1624	0.1526	0.000	224	-	-	-15%	48%	213%
20	0.2625	0.2628	0.833	64	14957	-	64%	79%	141%
30	0.2728	0.2746	2.478	51	11831	3.92	72%	82%	133%
40	0.2744	0.2785	4.737	48	11277	2.94	72%	84%	131%
50	0.2760	0.2813	7.899	45	10875	2.82	73%	85%	129%
60	0.2769	0.2827	11.069	44	10665	2.20	74%	85%	129%
70	0.2780	0.2848	15.459	42	10405	2.51	75%	86%	128%
80	0.2780	0.2855	24.344	41	10366	3.86	74%	86%	127%
90	0.2788	0.2870	31.240	40	10177	2.37	75%	87%	126%
100	0.2796	0.2882	45.054	39	10028	3.84	75%	87%	126%

	x	y
Red	0.6788	0.3210
Green	0.2833	0.6983
Blue	0.1379	0.0610
Cyan	0.1869	0.2758
Magenta	0.2759	0.1274
Yellow	0.4396	0.5480
White	0.2796	0.2882

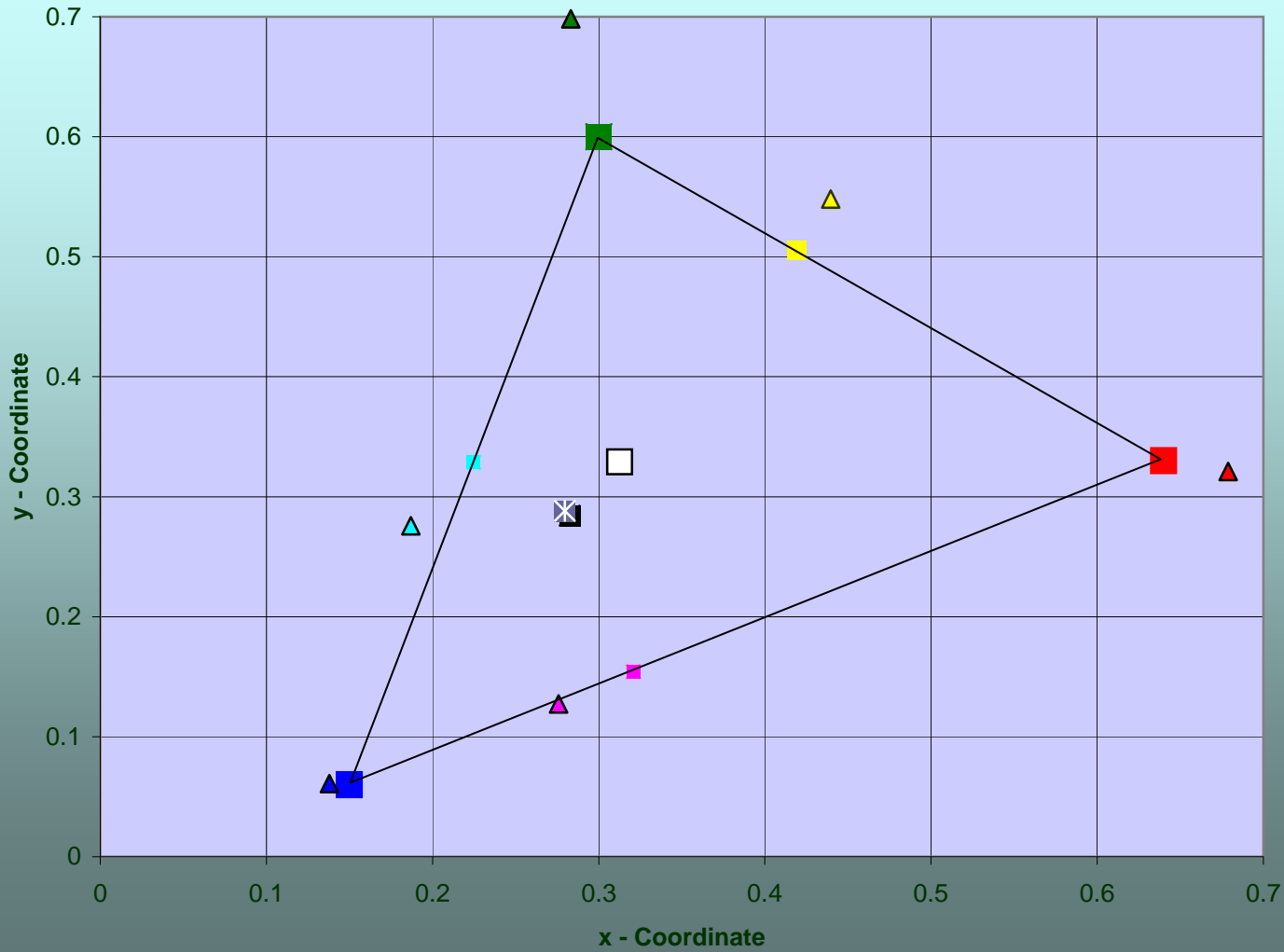
On/Off Contrast Ratio 933

Average Gamma 3.06



TriStimulus Chart
CIE - 1931

HDTV - Colorspace





Workbench Notes:

- .1. Project Filename: Untitled Project Data acquired: 24Jan2007, 7:04 PM
- .2. Mic Cal File: Mic Correction was OFF Input f(s) = 96 kHz Output f(s) = 96 kHz
- .3. House Curve File: AccuCal Small Room X-Curve.txt FFT Size = 64 k
- .4. Data was acquired manually Input Selection: L No. of Averages = 100
- .5. Sound System Correction: OFF Relative Mode: OFF Peak Hold: OFF

<p>AccuCal 922 Lakespur Drive Sugar Land, Texas 77479 281-565-2922</p> <p>Measurements by: W Jeff Meier Title: AV - Consultant</p>

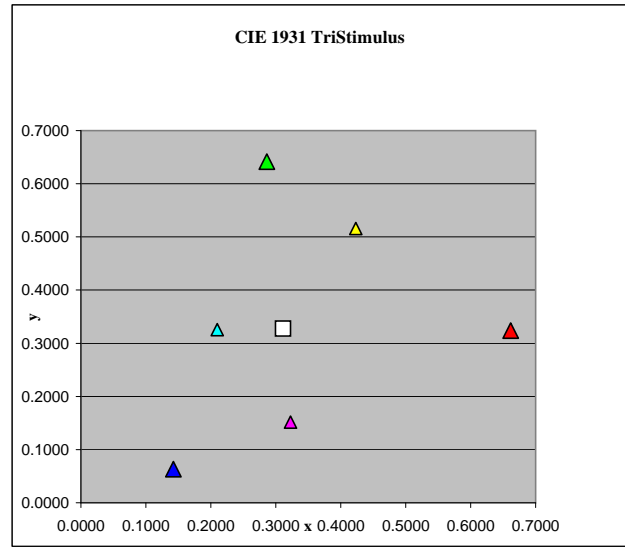
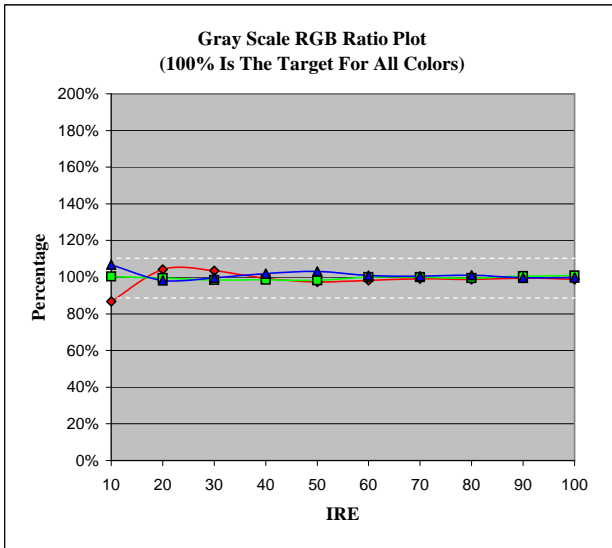
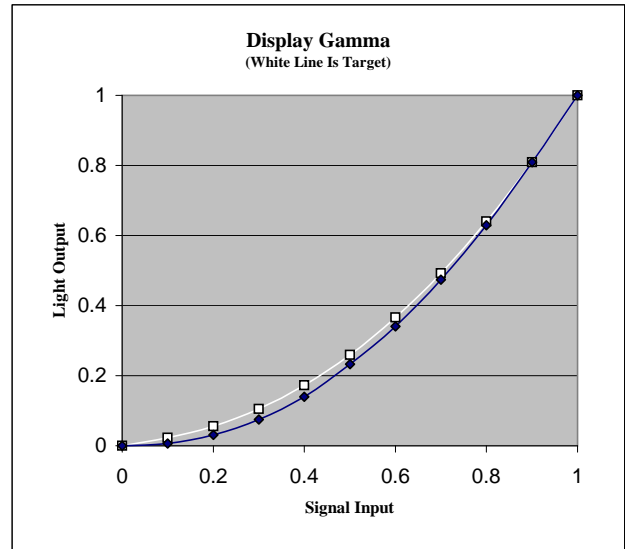
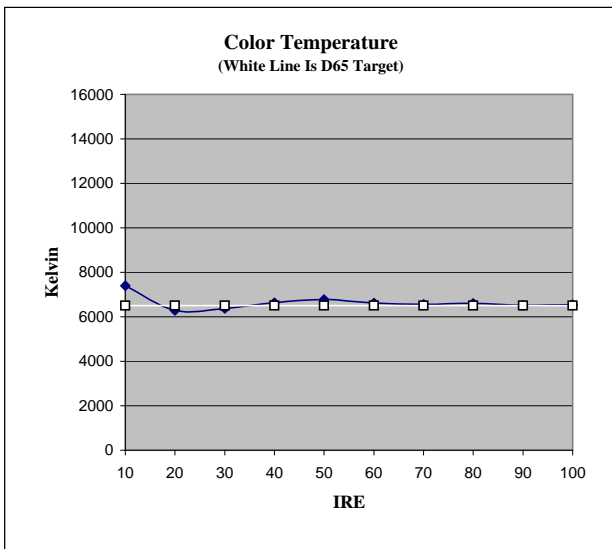
Post Calibration Results

IRE	x	y	Y,fL	ΔE_{uv}^*	Kelvin	Gamma	%Red	%Green	%Blue
0	0.3140	0.3177	0.029	10	-	-	105%	93%	104%
10	0.2990	0.3220	0.425	12	7394	-	87%	100%	107%
20	0.3167	0.3302	1.873	3	6285	-	104%	99%	98%
30	0.3154	0.3277	4.379	3	6371	3.02	103%	98%	100%
40	0.3110	0.3254	8.124	3	6630	2.80	99%	99%	102%
50	0.3089	0.3237	13.457	5	6770	2.78	97%	98%	103%
60	0.3109	0.3279	19.630	2	6616	2.46	98%	100%	101%
70	0.3118	0.3284	27.325	1	6565	2.48	99%	100%	101%
80	0.3111	0.3273	36.227	2	6609	2.40	99%	100%	101%
90	0.3125	0.3299	46.554	1	6514	2.38	99%	101%	100%
100	0.3119	0.3301	57.550	1	6545	2.23	99%	101%	100%

	x	y
Red	0.6618	0.3240
Green	0.2861	0.6419
Blue	0.1423	0.0629
Cyan	0.2098	0.3254
Magenta	0.3226	0.1515
Yellow	0.4234	0.5161
White	0.3115	0.3274

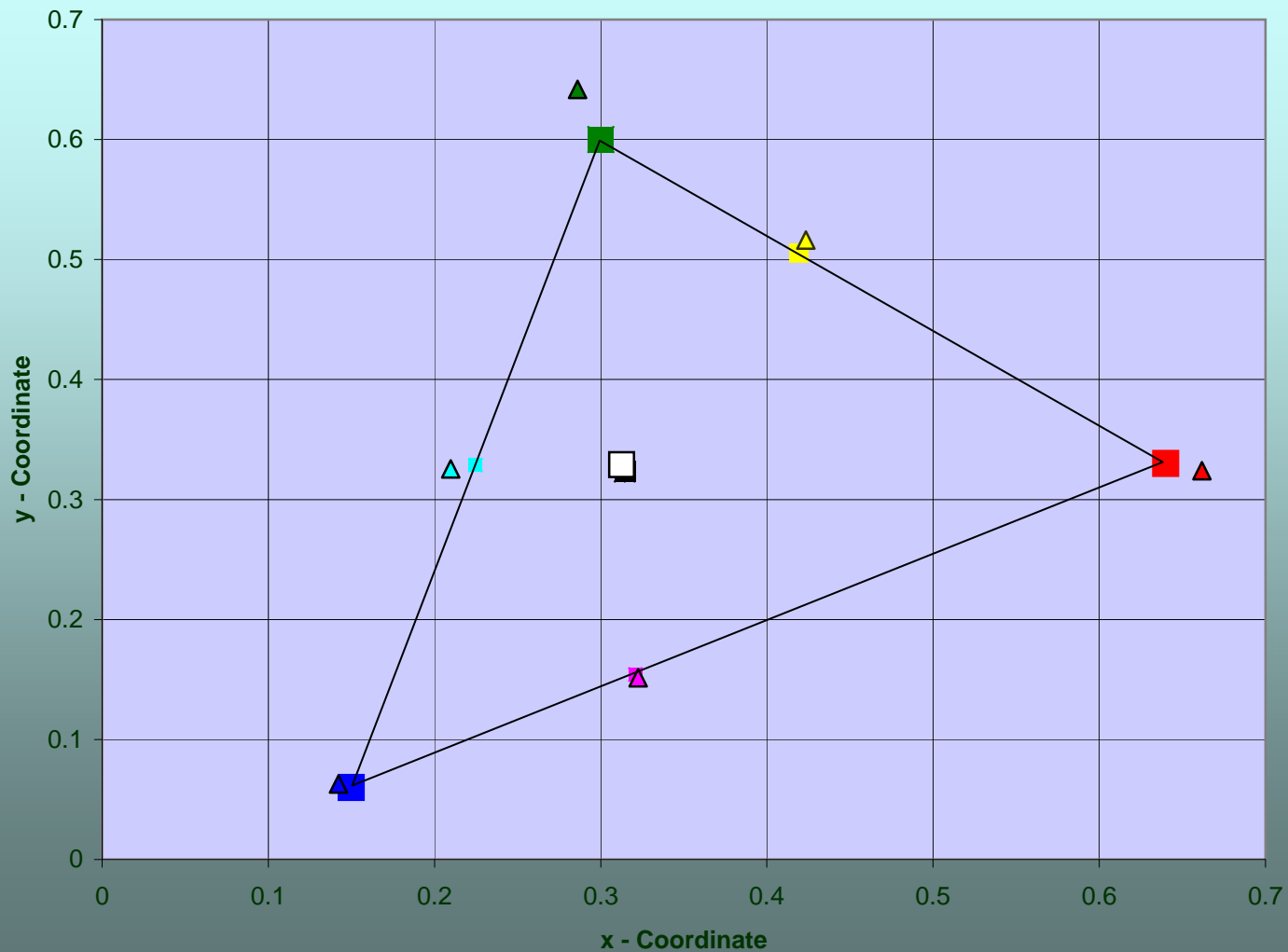
On/Off Contrast Ratio 2019

Average Gamma 2.57

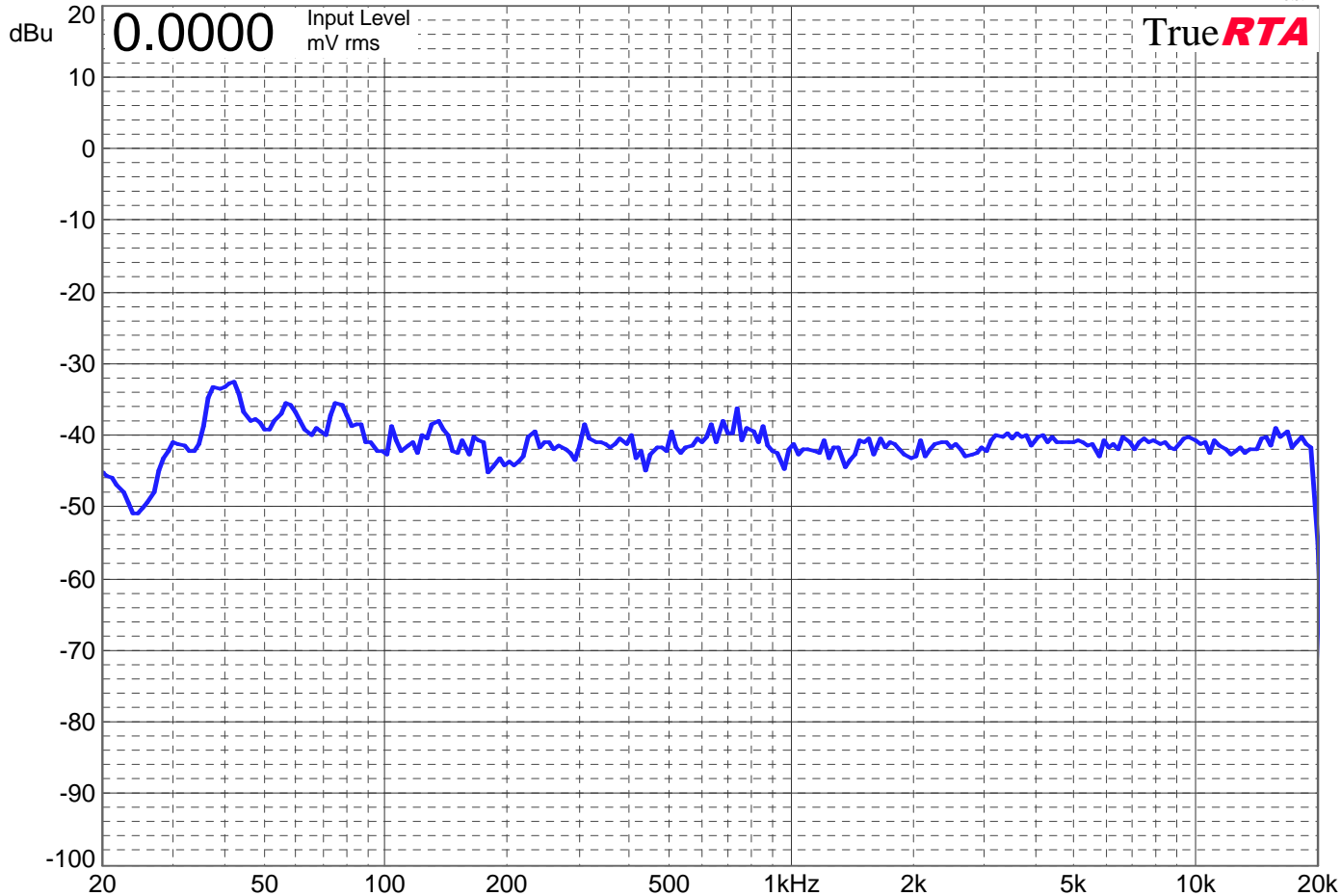


TriStimulus Chart CIE - 1931

HDTV - Colorspace



- ✖ 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



Workbench Notes:

- .1. Project Filename: Final.rta Data acquired: 24Jan2007, 9:03 PM
- .2. Mic Cal File: Mic Correction was OFF Input f(s) = 96 kHz Output f(s) = 96 kHz
- .3. House Curve File: AccuCal Small Room X-Curve.txt FFT Size = 64 k
- .4. Data was acquired manually Input Selection: L No. of Averages = 100
- .5. Sound System Correction: OFF Relative Mode: OFF Peak Hold: OFF

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Sony XBR2 SXR2 Settings

Power Saving On (Set to match room light level)

Picture Mode Custom

Advanced Iris Medium (Set to match room light level)

Picture 90

Brightness 50

Color 48

Hue 0

Color Temp. warm 2

Sharpness Min

Noise Reduction Off

DRC Mode Off

Black Corrector Off

Gamma Off

Clear White Off

Live Color Off

White Balance (All zeros)

Detail Enhancer Off

Edge Enhancer Off

Pioneer DVD Player

Memory 1

Black Level Dark

Y/C Timing +2

(All other controls centered)

Anthem Preamp

All Speakers Small

Crossover 80Hz THX

Cinema & Music Spkr Config are equal

Surr Type Dipole

Center EQ No

Room Resonance Filter Off

Bass Peak Level Off

L Front 10.0 ft

Center 9.0 ft

R Front 11.0 ft

Sub 4.5 ft

Ref Level 0.0 db

L Front +5.5 db

Center 0.0 db

R Front +5.0 db

R Surr +1.0 db

L Surr 0.0 db

Cn Cfg Sub 0.0 db

Revel Subwoofer

Low Pass Level 4 (subwoofer level)

Low Pass Phase 0 deg

Low Pass Filter Off

Eq 1

Level 0

Eq 2

Level +5 (max)

Freq. 25 Hz

Bandwidth .55

High Pass Filter 12db

Eq 3
Level 0

Notes.txt