CONTROL INFORMATION

Target on/off contrast ratio	2800	:1
Target Illumination	500	*cd/m^2*
Estimated Black Level	0,18	cd/m^2
Black level limit for meter	0,02	cd/m^2
Actual Screen Width	86,6	*in.*
Actual Screen Height	48,7	in.
Actual Screen Diagonal	99,4	in.
Screen Area	29,3	sq. ft.
Reference Black	16	RGB
Reference White	235	RGB

Measurement Mode: (○) Emissive (●) Reflective ✓

Set-up Pedestal: (○) NTSC (7.5 IRE) (●) Non-NTSC (0 IRE)

Measurement Offsets: ☐ Screen Offset ☐ Meter Offset

Aspect Ratio: (●) 16:9 (○) 4:3 (○) 2.35:1 (○) Custom

Pattern Source: (○) GetGray/DVE (○) AVIA (○) Generator (●) Other

Gamma Options: ☑ Target ☑ Red ☑ Green ☑ Blue

Digital Levels: (●) Video Levels (○) PC Levels (○) Custom ✓

Primary Levels: (○) 75% (DVE/AVIA) (●) 100% (○) Custom

Read Type: (●) Manual (○) Automatic

GAMMA

PAL/SECAM

On/Off Contrast Ratio	4 149:1	
ANSI Contrast Ratio	#DIV/0!	
Light Output	8,5	ftL
Brightness Uniformity	#DIV/0!	
Target Gamma	2,22	
Actual Gamma	2,57	
Correlation	0,9988	
Average Point Gamma	2,65	
Standard Deviation	0,177	
Coeff of Variation	6,7%	

Create Worksheet

Clear Data

Find Gamma

Read Time: 9

Current Measurement ⇩

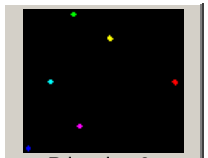
MEASUREMENT DATA	0 %	10 %	20 %	30 %	40 %	50 %	60 %	70 %	80 %	90 %	100 %
IRE (analog only!)	0,0	10,0	20,1	30,1	40,2	50,2	59,8	69,9	79,9	90,0	100,0
Digital RGB	16	38	60	82	104	126	147	169	191	213	235
Luminance Target (Norm.)	0,000	0,023	0,056	0,106	0,174	0,262	0,364	0,491	0,638	0,808	1,000
X	0,015	0,203	0,744	1,96	3,54	6,14	9,19	12,6	15,7	21,4	27,1
Y	0,007	0,199	0,780	2,04	3,77	6,51	9,69	13,2	16,5	22,3	29,0
Z	0,103	0,216	0,862	2,26	4,21	7,15	10,64	14,4	18,1	25,4	31,9
x	0,120	0,328	0,312	0,314	0,307	0,310	0,311	0,313	0,312	0,310	0,308
y	0,056	0,322	0,327	0,325	0,327	0,329	0,328	0,329	0,329	0,322	0,330
Y (ftL)	0,002	0,058	0,228	0,59	1,10	1,90	2,83	3,9	4,8	6,5	8,5
Xn	0,001	0,007	0,026	0,068	0,122	0,211	0,316	0,433	0,541	0,737	0,933
Yn	0,000	0,007	0,027	0,070	0,130	0,224	0,334	0,456	0,570	0,767	1,000
Zn	0,004	0,007	0,030	0,078	0,145	0,246	0,366	0,496	0,621	0,876	1,097
McCamy's N	-1,6333	0,0259	0,1430	0,1322	0,1747	0,1524	0,1456	0,1354	0,1381	0,1630	0,1667
Color Temperature	2 062	5 696	6 569	6 484	6 822	6 643	6 589	6 509	6 530	6 728	6 758
ΔE* (1976)	0,95	1,12	0,31	1,15	2,00	1,24	0,81	0,14	0,34	4,86	4,73
ΔE* (1994)	5,90	2,13	0,35	1,18	1,43	0,86	0,49	0,11	0,20	3,93	3,47

Grayscale Reading

NOTES:

Mitsubishi HC3000 - BC On. - Lamp Low - Iris On - Ca 100 hrs
Pioneer DV 868 HDMI 720p
Xus screen 99" - 1.0 gain matt white.
STV on tripod below center 45 degrees. Distance STV - Screen 30 cm
Peter Finzel test disc field pattern
Gamma: User 2 - Cinema High 4 - Mid 0 - Low 0

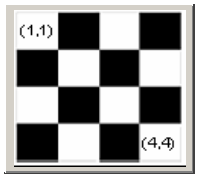
Primaries & Secondaries PAL/SECAM coordinates	Reference x	y	Yn	L*	u*	v*	Measurement Data X	Y	Z	x	y	Yn	L*	u*	v*	ΔE*
White	0,313	0,329	1,000	100,0	0,00	0,00	27,18	29,11	31,99	0,308	0,330	1,002	100,0	-4,67	-0,44	4,69
Red	0,640	0,330	0,125	42,0	138,12	29,80	8,81	4,34	0,51	0,645	0,318	0,149	45,5	159,47	29,25	21,65
Green	0,290	0,600	0,398	69,3	-69,65	83,83	11,99	22,97	3,47	0,312	0,598	0,791	91,2	-79,61	112,65	37,51
Blue	0,150	0,060	0,040	23,7	-6,91	-95,77	6,24	2,13	31,90	0,155	0,053	0,073	32,5	-4,81	-137,46	42,65
Cyan (B+G)	0,220	0,329	0,438	72,1	-58,85	-12,70	17,96	25,25	33,60	0,234	0,329	0,869	94,6	-65,70	-14,22	23,57
Magenta (B+R)	0,327	0,158	0,165	47,7	68,76	-82,77	15,09	6,66	27,56	0,306	0,135	0,229	55,0	76,83	-117,90	36,78
Yellow (R+G)	0,417	0,502	0,523	77,5	6,05	83,90	20,84	26,25	3,89	0,409	0,515	0,904	96,1	-2,85	107,29	31,18



Primaries & Secondaries

Current Measurement ⇩

ANSI Constrast & Brightness Uniformity	ANSI Contrast W(1,1)	W(1,3)	W(2,2)	W(2,4)	W(3,1)	W(3,3)	W(4,2)	W(4,4)	B(1,2)	B(1,4)	B(2,1)	B(2,3)	B(3,2)	B(3,4)	B(4,1)	B(4,3)	Uniformity White	Black
X																	#DIV/0!	#DIV/0!
Y																	#DIV/0!	#DIV/0!
Z																	#DIV/0!	#DIV/0!



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Display Control Settings	Calibration Wizard					
	Min	Max	Range	Start	Current	Change
Master Contrast (White)	-30	30	60	-6	-6	nm
Red Contrast	-30	30	60	16	14	+
Green Contrast	-30	30	60	0	-4	-
Blue Contrast	-30	30	60	-6	-10	+
Master Brightness (White)	-30	30	60	0	0	nm
Red Brightness	-30	30	60	-4	-7	+
Green Brightness	-30	30	60	2	1	-
Blue Brightness	-30	30	60	-2	1	-

Primary Lock
- (•) None
- ( ) Red
- ( ) Green
- ( ) Blue

Numeric Base
- (•) Decimal
- ( ) Hexadecimal

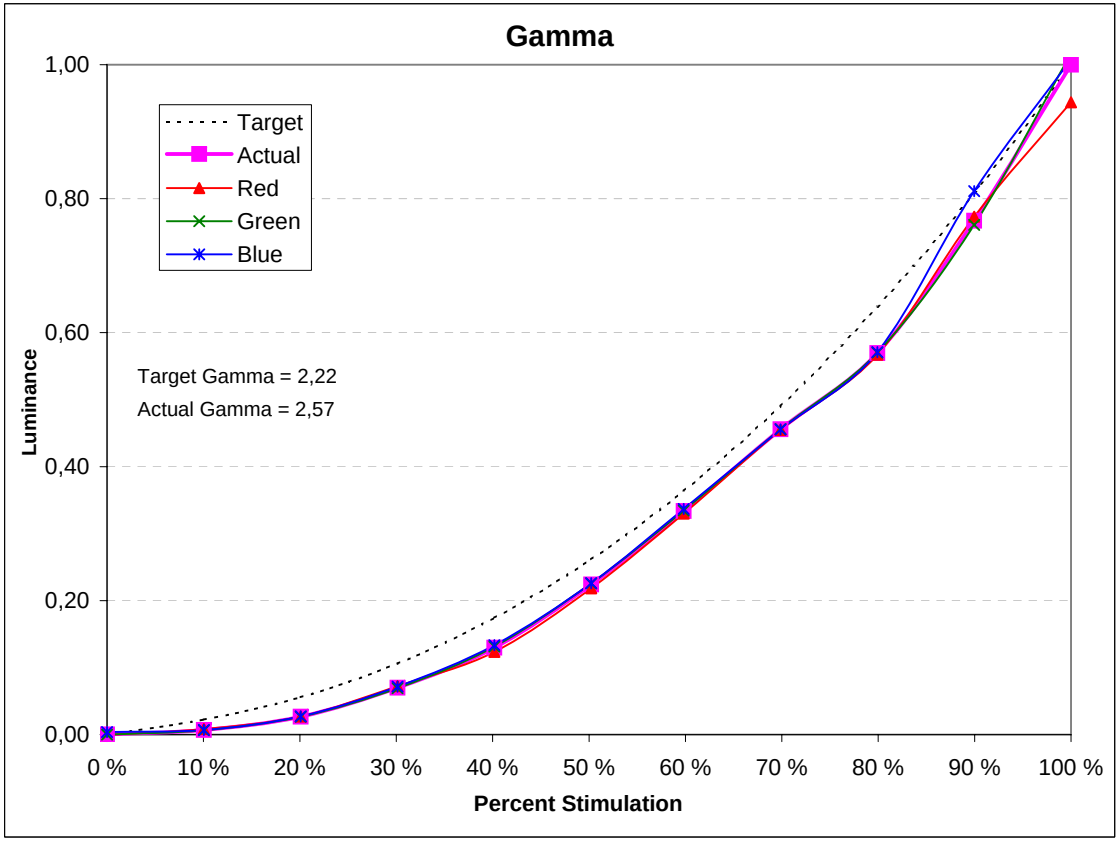
Other Settings		
Control Name	Start	Final
Color	2	HDMI
Tint	0	HDMI
Sharpness	-2	
Color Temp.	6500	
Gamma	cinema	
- Red		
- Blue		
- Green		

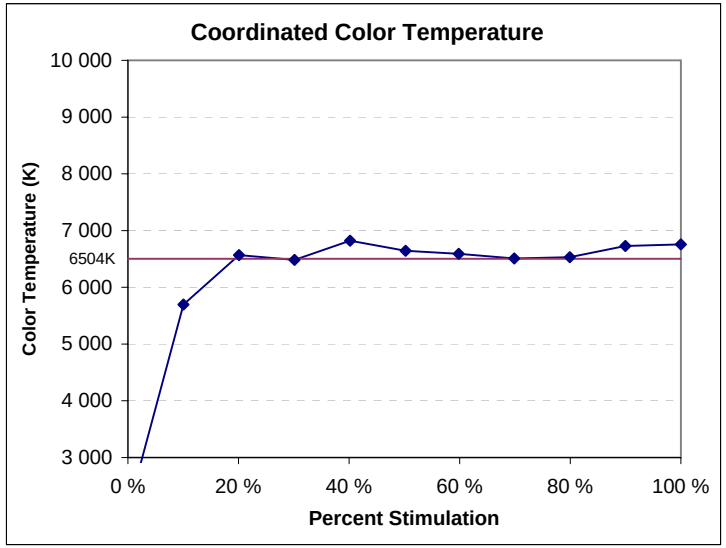
Primary Tracking	0 %	10 %	20 %	30 %	40 %	50 %	60 %	70 %	80 %	90 %	100 %	µ
Calculated Red	0,000	0,008	0,027	0,072	0,123	0,218	0,330	0,455	0,567	0,773	0,944	nm
Calculated Green	0,000	0,006	0,027	0,069	0,131	0,226	0,335	0,456	0,570	0,761	1,017	nm
Calculated Blue	0,004	0,007	0,027	0,072	0,133	0,226	0,337	0,455	0,571	0,811	1,008	nm
Red Tracking	-38,6%	115,8%	99,7%	101,7%	95,4%	97,7%	98,8%	99,9%	99,6%	98,9%	95,4%	100,3%
Green Tracking	8,7%	88,8%	99,2%	97,4%	101,5%	101,1%	100,2%	100,1%	100,2%	97,3%	102,8%	98,9%
Blue Tracking	329,9%	95,4%	101,2%	100,9%	103,1%	101,2%	100,9%	100,0%	100,3%	103,8%	101,9%	100,9%
Absolute Red Deviation	nm	1,215	1,003	1,031	0,951	0,974	0,989	0,998	0,995	1,008	0,944	1,011
Absolute Green Deviation	nm	0,932	0,997	0,988	1,013	1,007	1,003	1,001	1,001	0,992	1,017	0,995
Relative Blue Deviation	nm	1,001	1,018	1,024	1,028	1,009	1,010	0,999	1,002	1,058	1,008	1,016
Reverse Gamma	0,1%	6,0%	17,1%	29,2%	39,8%	51,6%	61,8%	71,1%	78,4%	89,2%	100,0%	nm
Regression Gamma	nm	-2,1642	-1,5710	-1,1545	-0,8869	-0,6495	-0,4767	-0,3413	-0,2444	-0,1151	0,0000	2,19
Point Gamma	0,00	2,92	2,79	2,63	2,60	2,48	2,41	2,45	2,79	2,77	nm	2,65

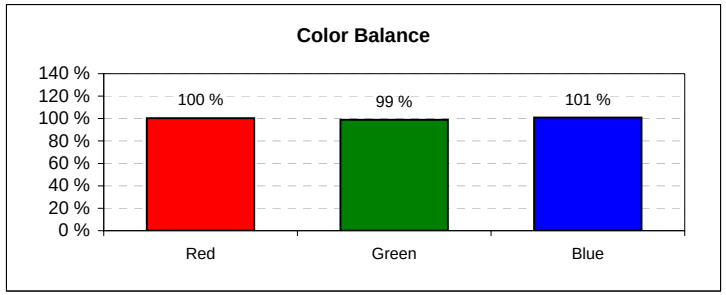
Grayscale Targets (D65)	0 %	10 %	20 %	30 %	40 %	50 %	60 %	70 %	80 %	90 %	100 %
L'	na.	na.	na.	na.	na.	na.	na.	na.	na.	na.	na.
u'	0,198	0,198	0,198	0,198	0,198	0,198	0,198	0,198	0,198	0,198	0,198
v'	0,468	0,468	0,468	0,468	0,468	0,468	0,468	0,468	0,468	0,468	0,468
L*	0,000	6,189	18,737	31,821	42,727	54,462	64,455	73,270	80,156	90,189	100,000
u*	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
v*	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
fX	0,138	0,191	0,299	0,412	0,506	0,607	0,694	0,770	0,829	0,915	1,000
fY	0,138	0,191	0,299	0,412	0,506	0,607	0,694	0,770	0,829	0,915	1,000
fZ	0,138	0,191	0,299	0,412	0,506	0,607	0,694	0,770	0,829	0,915	1,000
a*	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
b*	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
L*	0,000	6,189	18,737	31,821	42,727	54,462	64,455	73,270	80,156	90,189	100,000
Expected Red (XYZ->RGB)	0,000	0,007	0,027	0,070	0,130	0,224	0,334	0,456	0,570	0,767	1,000
Expected Green (XYZ->RGB)	0,000	0,007	0,027	0,070	0,130	0,224	0,334	0,456	0,570	0,767	1,000
Expected Blue (XYZ->RGB)	0,000	0,007	0,027	0,070	0,130	0,224	0,334	0,456	0,569	0,767	1,000
Xn (D65)	0,000	0,007	0,026	0,067	0,123	0,213	0,317	0,433	0,541	0,729	0,950
#VERDI!	0,000	0,007	0,027	0,070	0,130	0,224	0,334	0,456	0,570	0,767	1,000
Zn (D65)	0,000	0,007	0,029	0,076	0,141	0,244	0,363	0,496	0,620	0,835	1,089

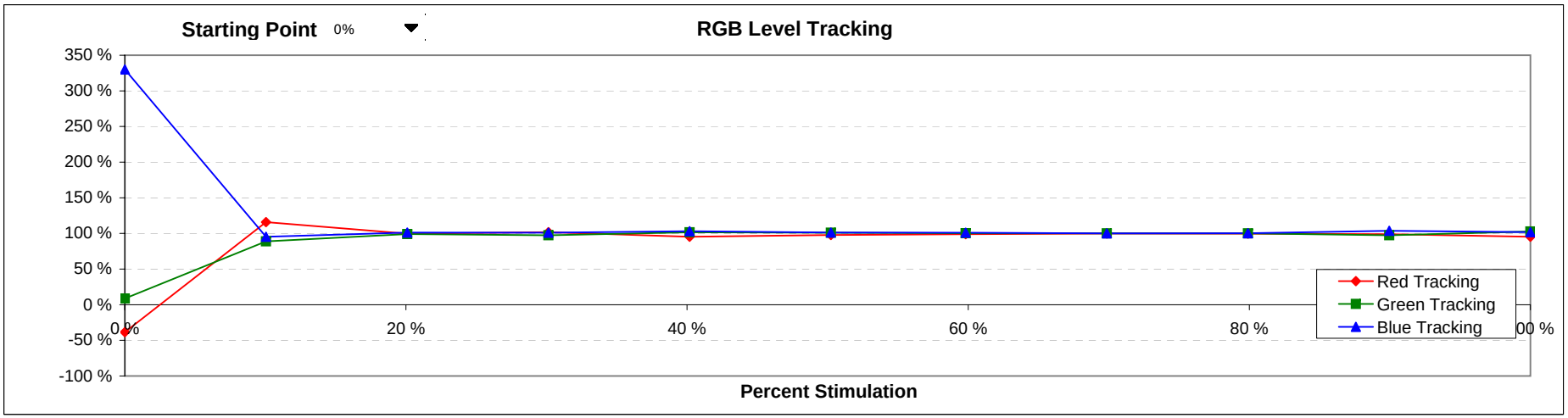
CONVERSION MATRIX	X	Y	Z
Red	3,0631	-1,3933	-0,4758
Green	-0,9693	1,8760	0,0416
Blue	0,0679	-0,2288	1,0692

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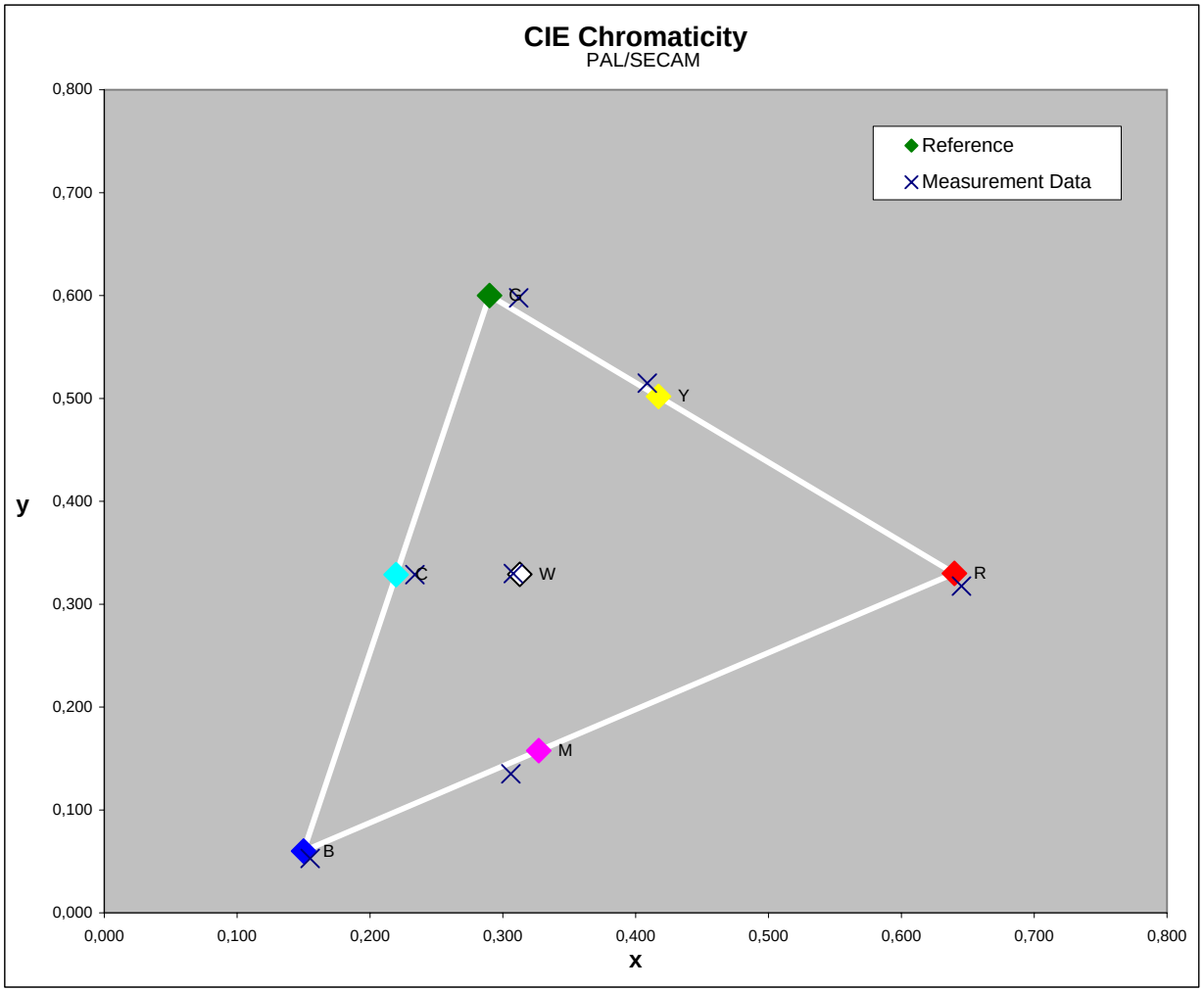


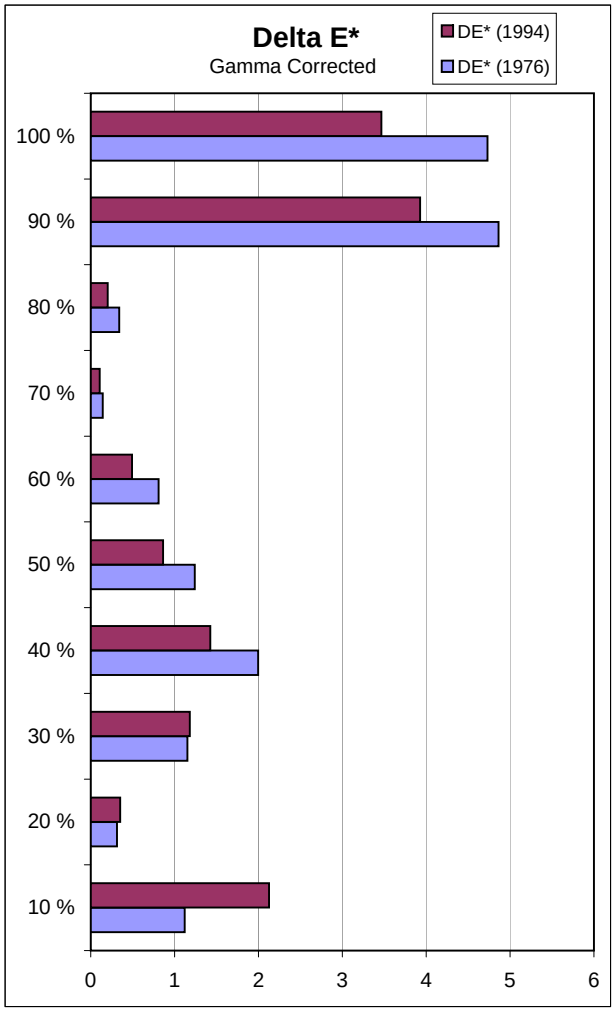


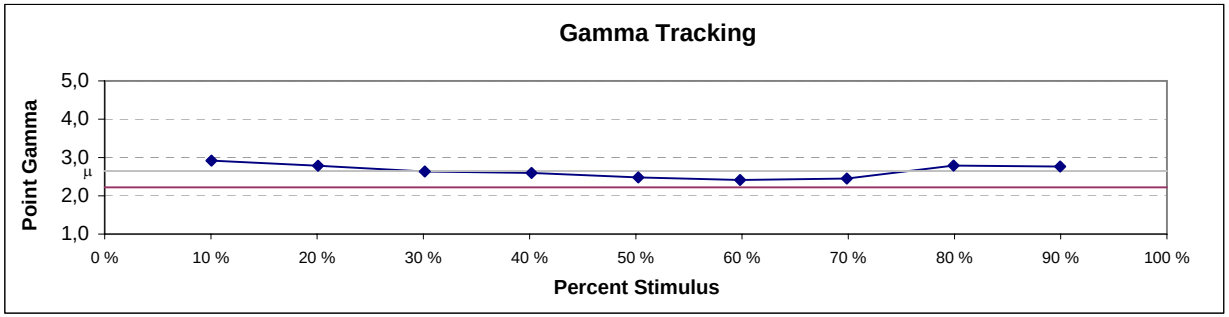




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On/Off Contrast Ratio

4 149:1

ANSI Contrast Ratio

#DIV/0!

Brightness Uniformity

#DIV/0!

Light Output

8,5 ftL

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