

**Owner:** Withheld  
**Manufacturer:** Pioneer  
**Model:** 5020FD  
**Calibrator:** Summit HDTV  
**Date:** July 7, 2009

Notes: 1080i Cable 1080i

**Summit HDTV**  
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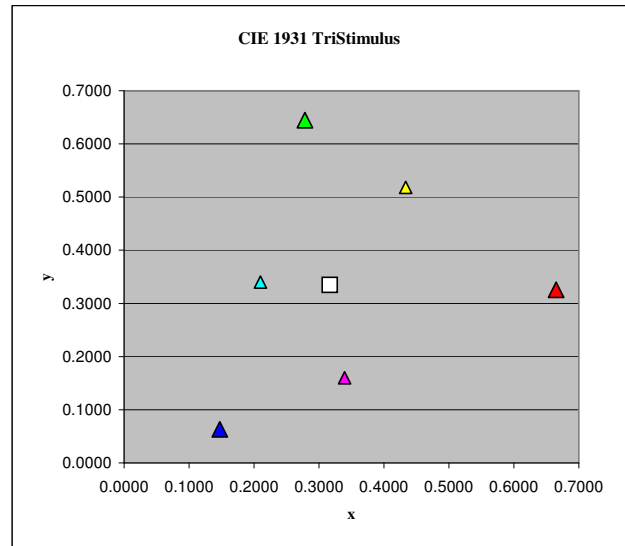
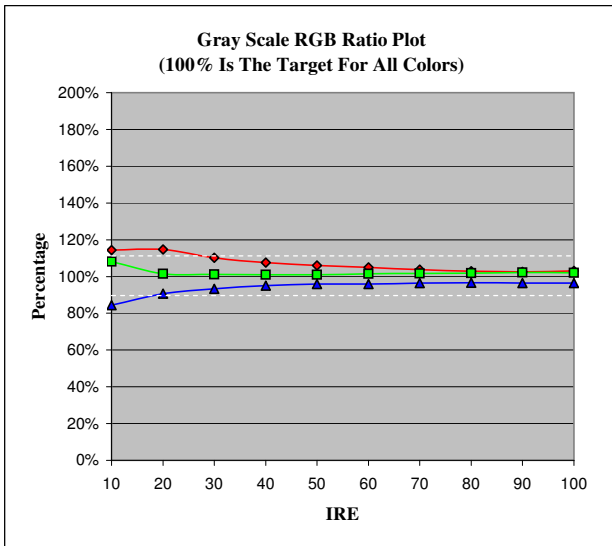
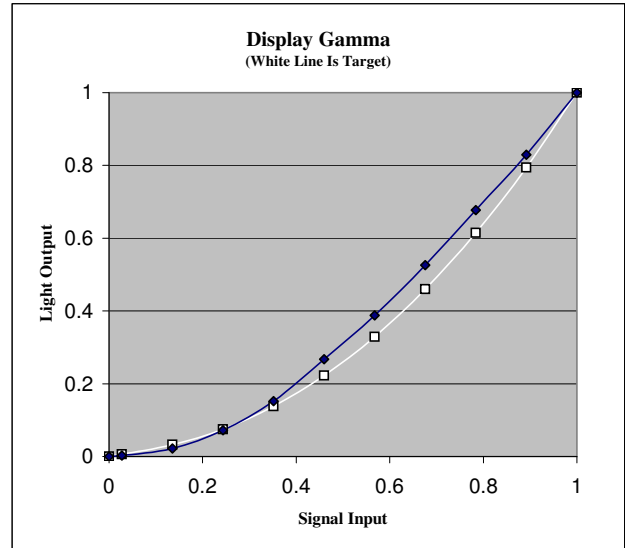
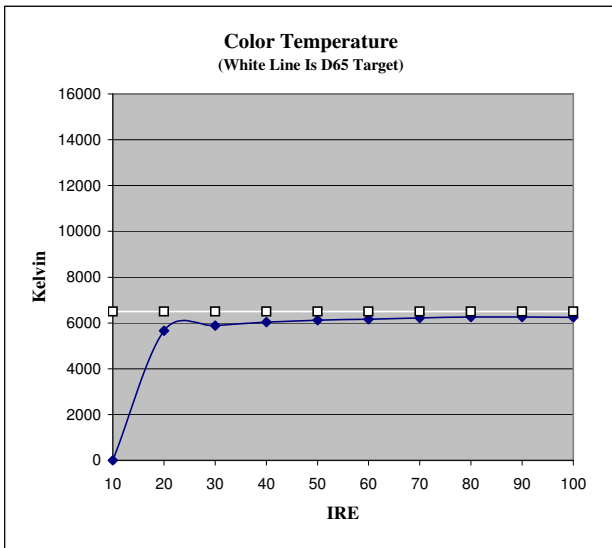
**Pre Calibration Results**

IRE	x	y	Y,fL	$\Delta E_{uv}^*$	Kelvin	Gamma	%Red	%Green	%Blue
7.5	0.3811	0.3468	0.004	58	-	-	172%	89%	72%
10	0.3323	0.3543	0.080	21	-	-	114%	108%	84%
20	0.3288	0.3407	0.660	14	5659	-	115%	102%	91%
30	0.3240	0.3373	2.167	10	5888	3.14	110%	101%	93%
40	0.3212	0.3353	4.566	8	6032	2.72	108%	101%	95%
50	0.3195	0.3345	8.023	6	6119	2.62	106%	101%	96%
60	0.3187	0.3350	11.638	6	6157	2.10	105%	101%	96%
70	0.3175	0.3345	15.784	5	6220	2.03	104%	102%	96%
80	0.3168	0.3345	20.324	5	6254	1.94	103%	102%	97%
90	0.3167	0.3352	24.893	5	6259	1.76	103%	102%	96%
100	0.3170	0.3348	30.022	5	6246	1.81	103%	102%	96%

	x	y
Red	0.6652	0.3254
Green	0.2782	0.6444
Blue	0.1474	0.0630
Cyan	0.2098	0.3398
Magenta	0.3396	0.1602
Yellow	0.4337	0.5184
White	0.3170	0.3348

On/Off Contrast Ratio 7759

Average Gamma 2.26



**Post Calibration Results**

IRE	x	y	Y,fL	$\Delta E_{u^*v^*}$	Kelvin	Gamma	%Red	%Green	%Blue
7.5	0.3571	0.2017	0.001	174	-	-	191%	15%	135%
10	0.3152	0.3211	0.238	8	6425	-	105%	95%	102%
20	0.3128	0.3264	1.237	2	6521	-	101%	99%	101%
30	0.3126	0.3281	2.911	1	6518	2.25	100%	100%	100%
40	0.3140	0.3290	5.118	1	6436	2.06	102%	100%	100%
50	0.3133	0.3284	8.181	1	6482	2.18	101%	100%	100%
60	0.3134	0.3290	12.021	1	6468	2.17	101%	100%	100%
70	0.3130	0.3291	16.610	0	6494	2.15	100%	100%	100%
80	0.3133	0.3299	22.026	1	6469	2.16	100%	100%	99%
90	0.3131	0.3296	28.180	1	6480	2.13	100%	100%	100%
100	0.3129	0.3294	35.086	0	6493	2.12	100%	100%	100%

	x	y
Red	0.6652	0.3252
Green	0.2776	0.6492
Blue	0.1471	0.0619
Cyan	0.2072	0.3324
Magenta	0.3289	0.1541
Yellow	0.4339	0.5194
White	0.3129	0.3294

On/Off Contrast Ratio 40059

Average Gamma 2.15

