STAT. GENERAL MANOVA				Means (gacoa-n.sta) F(5,120)=.82; p<.5405
TAPEORD	PICTURE	REPLICAT	IMPLEVEL	Depend. Var.1
1	....	1	1	4.589744
1	....	1	2	4.641026
1	....	1	3	4.102564
1	....	1	4	3.128205
1	....	1	5	2.384615
1	....	1	6	1.435897
1	....	2	1	4.666667
1	....	2	2	4.461538
1	....	2	3	4.102564
1	....	2	4	3.333333
1	....	2	5	2.564103
1	....	2	6	1.256410
2	....	1	1	4.641026
2	....	1	2	4.538462
2	....	1	3	4.256410
2	....	1	4	2.974359
2	....	1	5	2.076923
2	....	1	6	1.282051
2	....	2	1	4.589744
2	....	2	2	4.615385
2	....	2	3	4.179487
2	....	2	4	3.179487
2	....	2	5	2.333333
2	....	2	6	1.230769

STAT. GENERAL MANOVA				Means (unweighted) (gacoa-n.sta) F(10,240)=.38; p<.9538
TAPEORD	PICTURE	REPLICAT	IMPLEVEL	Depend. Var.1
....	1	1	1	4.538462
....	1	1	2	4.461538
....	1	1	3	4.076923
....	1	1	4	2.846154
....	1	1	5	2.153846
....	1	1	6	1.230769
....	1	2	1	4.615385
....	1	2	2	4.461538
....	1	2	3	4.038462
....	1	2	4	3.230769
....	1	2	5	2.461539
....	1	2	6	1.076923
....	2	1	1	4.653846
....	2	1	2	4.653846
....	2	1	3	4.076923
....	2	1	4	3.038461
....	2	1	5	2.384615
....	2	1	6	1.307692
....	2	2	1	4.615385
....	2	2	2	4.538462
....	2	2	3	4.038462
....	2	2	4	3.153846
....	2	2	5	2.538461
....	2	2	6	1.115385
....	3	1	1	4.653846
....	3	1	2	4.653846
....	3	1	3	4.384615
....	3	1	4	3.269231
....	3	1	5	2.153846
....	3	1	6	1.538462
....	3	2	1	4.653846
....	3	2	2	4.615385
....	3	2	3	4.346154
....	3	2	4	3.384615
....	3	2	5	2.346154
....	3	2	6	1.538462

STAT. GENERAL MANOVA				Means (gacoa-n.sta) F(10,240)=.74; p<.6843
TAPEORD	PICTURE	REPLICAT	IMPLEVEL	Depend. Var.1
1	1	1	1	4.461538
1	1	1	2	4.461538
1	1	1	3	4.000000
1	1	1	4	3.076923
1	1	1	5	2.307692
1	1	1	6	1.307692
1	1	2	1	4.615385
1	1	2	2	4.384615
1	1	2	3	4.000000
1	1	2	4	3.538461
1	1	2	5	2.538461
1	1	2	6	1.153846
1	2	1	1	4.615385
1	2	1	2	4.692307
1	2	1	3	4.076923
1	2	1	4	3.076923
1	2	1	5	2.615385
1	2	1	6	1.307692
1	2	2	1	4.692307
1	2	2	2	4.461538
1	2	2	3	3.923077
1	2	2	4	3.153846
1	2	2	5	2.615385
1	2	2	6	1.076923
1	3	1	1	4.692307
1	3	1	2	4.769231
1	3	1	3	4.230769
1	3	1	4	3.230769
1	3	1	5	2.230769
1	3	1	6	1.692308
1	3	2	1	4.692307
1	3	2	2	4.538462
1	3	2	3	4.384615
1	3	2	4	3.307692
1	3	2	5	2.538461
1	3	2	6	1.538462

STAT. GENERAL MANOVA				Means (gacoa-n.sta) F(10,240)=.74; p<.6843
TAPEORD	PICTURE	REPLICAT	IMPLEVEL	Depend. Var.1
2	1	1	1	4.615385
2	1	1	2	4.461538
2	1	1	3	4.153846
2	1	1	4	2.615385
2	1	1	5	2.000000
2	1	1	6	1.153846
2	1	2	1	4.615385
2	1	2	2	4.538462
2	1	2	3	4.076923
2	1	2	4	2.923077
2	1	2	5	2.384615
2	1	2	6	1.000000
2	2	1	1	4.692307
2	2	1	2	4.615385
2	2	1	3	4.076923
2	2	1	4	3.000000
2	2	1	5	2.153846
2	2	1	6	1.307692
2	2	2	1	4.538462
2	2	2	2	4.615385
2	2	2	3	4.153846
2	2	2	4	3.153846
2	2	2	5	2.461539
2	2	2	6	1.153846
2	3	1	1	4.615385
2	3	1	2	4.538462
2	3	1	3	4.538462
2	3	1	4	3.307692
2	3	1	5	2.076923
2	3	1	6	1.384615
2	3	2	1	4.615385
2	3	2	2	4.692307
2	3	2	3	4.307693
2	3	2	4	3.461539
2	3	2	5	2.153846
2	3	2	6	1.538462

CO-CHANNEL INTERFERENCE (ATV-to-NTSC)
DESCRIPTIVE STATISTICS

This section presents means, confidence limits and standard deviations for each condition of the Co-Channel Interference test. The first table shows statistics separately by Replicate (1 and 2). The third table shows statistics collapsed across Replicate.

The tables are organized into 5 columns as follows:

Valid N: The number of observations.

Mean: The mean judgement across viewers and repeated presentations.

Confid. ±95.000%: Upper and lower confidence limits of each mean.

Std. Dev.: Sample standard deviation: a measure of variability of each mean.

CO-CHANNEL INTERFERENCE (ATV-to-NTSC)
DESCRIPTIVE STATISTICS - by replicate

STAT. BASIC STATS — Descriptive Statistics (gacoa-n.sta)

Variable	Valid N	Mean	Confid. -95.000%	Confid. +95.000%	Std.Dev.
P1R1I1	26	4.538462	4.303478	4.773445	.581774
P1R1I2	26	4.461538	4.226555	4.696522	.581774
P1R1I3	26	4.076923	3.850645	4.303201	.560220
P1R1I4	26	2.846154	2.573587	3.118720	.674822
P1R1I5	26	2.153846	1.858306	2.449386	.731700
P1R1I6	26	1.230769	1.057222	1.404316	.429669
P1R2I1	26	4.615385	4.414990	4.815779	.496139
P1R2I2	26	4.461538	4.226555	4.696522	.581774
P1R2I3	26	4.038462	3.825321	4.251602	.527695
P1R2I4	26	3.230769	2.993659	3.467880	.587040
P1R2I5	26	2.461538	2.226555	2.696522	.581774
P1R2I6	26	1.076923	.967162	1.186684	.271746
P2R1I1	26	4.653846	4.457884	4.849808	.485165
P2R1I2	26	4.653846	4.427015	4.880678	.561591
P2R1I3	26	4.076923	3.850645	4.303201	.560220
P2R1I4	26	3.038462	2.747630	3.329293	.720043
P2R1I5	26	2.384615	2.059939	2.709292	.803837
P2R1I6	26	1.307692	.969387	1.645998	.837579
P2R2I1	26	4.615385	4.333760	4.897009	.697247
P2R2I2	26	4.538462	4.277179	4.799744	.646886
P2R2I3	26	4.038462	3.858524	4.218399	.445490
P2R2I4	26	3.153846	2.881280	3.426413	.674822
P2R2I5	26	2.538462	2.303478	2.773445	.581774
P2R2I6	26	1.115385	.983786	1.246983	.325813
P3R1I1	26	4.653846	4.457884	4.849808	.485165
P3R1I2	26	4.653846	4.457884	4.849808	.485165
P3R1I3	26	4.384615	4.184221	4.585010	.496139
P3R1I4	26	3.269231	2.999906	3.538555	.666795
P3R1I5	26	2.153846	1.836994	2.470698	.784465
P3R1I6	26	1.538462	1.333118	1.743805	.508391
P3R2I1	26	4.653846	4.457884	4.849808	.485165
P3R2I2	26	4.615385	4.384713	4.846056	.571099
P3R2I3	26	4.346154	4.150192	4.542116	.485165
P3R2I4	26	3.384615	3.153944	3.615287	.571099
P3R2I5	26	2.346154	2.092178	2.600130	.628796
P3R2I6	26	1.538462	1.303478	1.773445	.581774

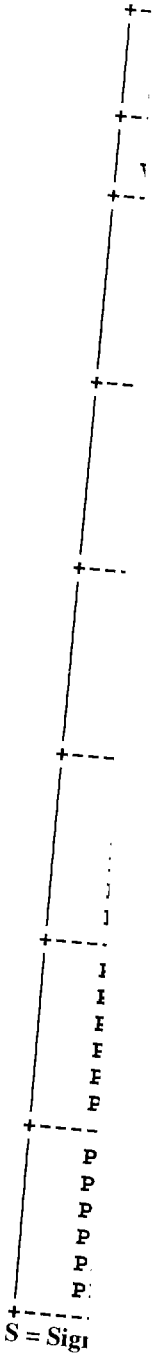
S = Signal; P = Picture; R = Replicate; I = Impairment Level

CO-CHANNEL INTERFERENCE (ATV-to-NTSC)
DESCRIPTIVE STATISTICS - collapsed across replicate

STAT. BASIC STATS — Descriptive Statistics (gacoa-nj.sta)

Variable	Valid N	Mean	Confid. -95.000%	Confid. +95.000%	Std.Dev.
P1I1	52	4.576923	4.427495	4.726351	.536735
P1I2	52	4.461538	4.301167	4.621910	.576043
P1I3	52	4.057692	3.907581	4.207803	.539188
P1I4	52	3.038462	2.855930	3.220993	.655640
P1I5	52	2.307692	2.120419	2.494966	.672673
P1I6	52	1.153846	1.052418	1.255274	.364321
P2I1	52	4.634615	4.468955	4.800276	.595040
P2I2	52	4.596154	4.428390	4.763918	.602596
P2I3	52	4.057692	3.918072	4.197312	.501506
P2I4	52	3.096154	2.903117	3.289191	.693375
P2I5	52	2.461538	2.266918	2.656159	.699062
P2I6	52	1.211538	1.034287	1.388790	.636675
P3I1	52	4.653846	4.520106	4.787586	.480384
P3I2	52	4.634615	4.488450	4.780781	.525015
P3I3	52	4.365385	4.230016	4.500754	.486236
P3I4	52	3.326923	3.155029	3.498817	.617432
P3I5	52	2.250000	2.052178	2.447822	.710565
P3I6	52	1.538462	1.387865	1.689058	.540934

S = Signal; P = Picture; I = Impairment Level



S = Sig

APPENDIX N

RECEIVER SCAN CONVERSION ANALYSES

RECEIVER SCAN CONVERSION
RAW DATA

Raw data for individual viewers is presented in tabular form. Each row of the table consists of 130 entries. Within a row, entries 1 - 13 and 66 - 78 present information about the test and the viewer. Specifically, headers present information as follows: SYSTEM (gal = Grand Alliance), TEST (sca = receiver scan conversion), SOURCE (otoo; this information is not relevant for these assessments), ID (viewer number), MONTH, DAY, YEAR, SESSION (1 = 9:30 am, 2 = 1:30 pm). SEAT (1 - 5 in 30^0 arc), TAPE_O (tape order 1 or 2), AGE, SEX (1 = male, 2 = female), CITIZEN (citizenship of viewer: 1 = Canadian, 2 = American, 3 = Other).

Entries 14 - 65 present data for Reference. Entries 79 - 130 present data for Test. Data is nested by Picture (S1 = Metal Table & Chairs, M16A = Rotating Pyramids, M40 = Dream Team, M43 = Ducks, M49 = Picnic with Ants, S14A = Cheshire Cat, M6 = Den, M10 = Woman & Room), InOut Combination (D = unconverted, C = converted, 1 = 1080I In, 2 = 720P In) and Replicate (R = 1 or 2).

Data values range from 0 - 100 such that:
0 - 20 = "Bad"; 20 - 40 = "Poor"; 40 - 60 = "Fair"; 60 - 80 = "Good"; 80 - 100 = "Excellent".

data file: gascanrt.sta [26 cases with 130 variables]

	1 SYSTEM	2 TEST	3 SOURCE	4 ID	5 MONTH	6 DAY	7 YEAR	8 SESSION	9 SEAT	10 TAPE_O	11 AGE	12 SEX	13 CITIZEN
1	gal	sca	otoo	2723	8	15	95	2	1	1	20	2	1
2	gal	sca	otoo	2724	8	15	95	2	2	1	27	1	1
3	gal	sca	otoo	2725	8	15	95	2	3	1	19	2	1
4	gal	sca	otoo	2726	8	15	95	2	4	1	19	2	1
5	gal	sca	otoo	2727	8	16	95	1	1	1	27	1	1
6	gal	sca	otoo	2728	8	16	95	1	2	1	24	2	1
7	gal	sca	otoo	2729	8	16	95	1	3	1	23	2	1
8	gal	sca	otoo	2730	8	16	95	1	4	1	20	2	1
9	gal	sca	otoo	2731	8	16	95	1	5	1	22	2	1
10	gal	sca	otoo	2732	8	16	95	2	1	1	21	2	1
11	gal	sca	otoo	2733	8	16	95	2	2	1	34	1	1
12	gal	sca	otoo	2734	8	16	95	2	3	1	43	2	1
13	gal	sca	otoo	2735	8	16	95	2	4	1	22	1	1
14	gal	sca	otoo	2736	8	16	95	2	5	1	22	2	1
15	gal	sca	otoo	2710	8	14	95	1	1	2	31	2	1
16	gal	sca	otoo	271[illegible]	8	14	95	1	2	2	25	2	1
17	gal	sca	otoo	2713	8	14	95	1	4	2	47	1	1
18	gal	sca	otoo	2714	8	14	95	1	5	2	27	1	1
19	gal	sca	otoo	2715	8	14	95	2	2	2	21	2	1
20	gal	sca	otoo	2716	8	14	95	2	3	2	23	1	3
21	gal	sca	otoo	2717	8	14	95	2	4	2	30	2	1
22	gal	sca	otoo	2718	8	14	95	2	5	2	22	1	3
23	gal	sca	otoo	2719	8	15	95	1	1	2	24	1	1
24	gal	sca	otoo	2720	8	15	95	1	2	2	24	1	1
25	gal	sca	otoo	2721	8	15	95	1	3	2	19	1	1
26	gal	sca	otoo	2722	8	15	95	1	4	2	24	2	1

D = Unconverted; C = Converted; 1 = 1080I In; 2 = 720P In
S = Still sequences; M = Motion sequences; R = Replicate

	14 D1S1R1	15 D1M16R1	16 D1M40R1	17 D1M43R1	18 D1M49R1	19 D2S1R1	20 D2M16R1	21 D2M40R1	22 D2M43R1	23 D2M49R1
1	83.1	72.8	66.9	82.3	65.3	83.3	86.3	85.5	77.1	76.1
2	61.8	77.8	62.0	69.4	70.3	67.1	82.5	73.1	68.2	70.6
3	78.5	41.8	71.1	77.3	77.8	56.7	42.5	78.1	72.3	82.1
4	74.9	78.5	80.8	82.8	50.2	82.3	86.1	88.1	61.1	83.3
5	83.5	74.1	88.8	83.3	82.9	83.0	71.2	86.8	96.2	90.5
6	76.3	63.7	61.6	75.6	69.6	74.7	89.8	65.6	65.5	76.1
7	81.8	82.8	59.1	78.6	70.5	69.0	93.9	63.3	67.6	81.3
8	91.1	81.8	76.1	87.8	81.8	82.0	81.6	81.6	83.7	86.8
9	84.5	71.8	85.5	75.3	87.2	89.8	94.1	51.7	71.8	90.1
10	86.7	66.3	37.8	86.6	77.3	83.1	47.6	77.3	74.1	85.0
11	91.0	91.6	89.6	92.1	90.9	72.5	91.4	91.5	92.6	91.7
12	59.1	30.4	49.3	76.2	83.6	51.7	38.3	59.7	59.3	78.1
13	74.1	76.1	65.6	76.1	77.9	70.9	73.1	81.6	77.5	78.0
14	69.1	68.6	48.0	69.7	73.6	69.1	74.8	69.4	68.6	71.1
15	88.8	55.3	63.0	83.1	70.0	89.8	61.8	77.1	82.6	73.7
16	73.0	62.5	76.1	74.6	62.2	61.7	84.6	75.8	42.6	76.6
17	89.6	74.5	82.8	86.5	87.0	93.4	94.3	86.1	88.9	76.0
18	64.8	79.0	81.1	78.1	79.3	66.0	81.1	80.8	79.1	81.5
19	79.1	42.1	76.4	74.3	94.6	77.5	38.1	79.0	76.7	97.1
20	82.1	84.0	81.3	78.5	73.3	85.1	92.4	77.8	84.0	78.8
21	72.1	76.3	82.5	71.0	85.8	68.9	72.8	84.3	85.3	82.8
22	74.1	75.1	89.1	89.6	88.5	73.7	88.3	88.6	89.6	89.0
23	93.7	75.1	71.6	85.1	65.0	84.1	85.8	73.3	85.1	74.0
24	77.3	83.6	76.0	70.8	76.3	82.9	70.8	82.3	75.8	72.0
25	85.5	84.6	91.8	88.5	81.7	82.6	85.4	82.5	92.1	80.6
26	72.3	72.1	65.5	70.0	54.7	71.6	73.0	74.9	71.6	56.4

	24 C1S1R1	25 C1M16R1	26 C1M40R1	27 C1M43R1	28 C1M49R1	29 C2S1R1	30 C2M16R1	31 C2M40R1	32 C2M43R1	33 C2M49R1
1	87.6	88.0	74.3	77.4	72.3	72.7	83.8	75.0	82.1	82.1
2	51.3	85.5	73.5	65.1	70.0	61.6	78.3	57.4	62.3	67.6
3	77.8	68.5	71.2	76.6	86.5	54.8	55.0	76.3	63.0	78.1
4	78.3	89.5	81.6	84.2	58.5	74.9	49.8	88.6	61.7	57.5
5	84.8	71.8	88.1	83.4	90.6	83.1	89.8	82.7	95.9	90.7
6	70.5	83.7	66.7	82.3	66.8	62.6	49.7	75.1	78.3	54.8
7	62.8	97.5	47.0	82.1	85.5	63.3	66.0	93.3	84.5	58.1
8	78.4	74.2	69.3	72.7	82.3	70.1	86.8	68.0	81.6	88.8
9	86.1	92.4	82.6	83.9	84.1	69.3	89.8	86.8	84.5	91.6
10	85.1	91.7	69.1	92.7	93.5	81.9	67.8	65.3	83.8	85.0
11	71.7	92.1	91.6	89.6	90.5	71.6	91.6	90.6	90.2	71.6
12	41.6	57.5	37.4	80.2	80.9	82.1	68.7	34.6	69.6	78.6
13	77.1	84.9	70.5	78.6	75.6	73.2	82.1	73.7	72.5	77.1
14	69.6	76.1	49.1	71.5	70.6	69.2	69.8	70.6	68.0	70.8
15	70.0	78.0	74.2	83.1	65.6	82.3	74.1	76.1	81.3	77.3
16	76.5	76.5	83.8	62.7	73.6	75.3	62.3	62.5	63.8	63.3
17	87.0	84.8	85.1	89.8	89.4	74.9	76.6	75.6	85.5	85.3
18	69.4	79.2	78.9	80.9	80.8	75.1	78.6	79.0	78.6	78.8
19	78.0	57.1	81.0	79.3	93.6	77.3	71.7	53.0	70.4	93.8
20	81.0	85.3	83.5	78.7	79.2	84.0	85.0	81.0	78.3	63.8
21	70.1	65.6	90.2	88.6	86.4	72.1	86.8	69.4	70.8	76.3
22	89.3	88.3	88.1	86.3	89.3	74.7	86.6	88.7	75.0	73.3
23	70.3	73.6	54.4	87.4	75.2	73.1	54.1	88.6	83.6	84.8
24	70.3	82.6	87.3	83.6	69.5	82.8	74.5	76.0	77.3	64.5
25	83.5	88.8	83.8	85.7	82.6	82.1	78.2	83.8	90.6	81.3
26	73.6	89.9	75.4	74.6	55.3	70.1	71.0	73.0	67.4	34.0

D = Unconverted; C = Converted; 1 = 1080I In; 2 = 720P In
S = Still sequences; M = Motion sequences; R = Replicate

	34 D1S1R2	35 D1M16R2	36 D1M40R2	37 D1M43R2	38 D1M49R2	39 D2S1R2	40 D2M16R2	41 D2M40R2	42 D2M43R2	43 D2M49R2
1	77.0	84.6	83.4	1.8	70.8	85.1	74.2	71.6	87.2	70.1
2	70.5	76.8	63.6	4.6	76.0	69.8	70.8	74.6	82.9	78.6
3	65.3	76.1	78.6	0.7	82.2	72.3	70.9	85.3	73.0	84.6
4	72.5	58.8	81.3	9.3	76.3	82.5	59.3	85.1	82.6	61.9
5	89.2	74.9	76.6	5.3	93.8	96.3	90.1	75.0	90.1	90.3
6	66.4	46.3	69.1	4.3	72.6	50.5	56.9	70.1	72.1	75.8
7	69.5	58.3	44.8	1.9	63.1	63.3	41.9	59.2	78.5	71.6
8	87.3	78.3	76.4	1.6	81.7	81.8	82.7	72.1	78.8	85.8
9	85.5	70.6	75.1	3.5	73.6	75.8	65.3	83.0	68.8	76.1
10	83.6	58.7	61.9	3.4	86.1	85.8	74.7	30.6	82.8	78.2
11	87.3	92.0	87.4	3.3	90.3	91.2	92.5	73.3	91.7	89.6
12	48.6	60.4	53.5	4.8	79.3	51.0	60.5	56.8	69.4	77.1
13	77.1	77.1	75.5	4.8	70.6	73.1	78.9	72.6	78.1	76.1
14	69.1	70.5	46.8	0.6	69.5	72.8	69.8	43.4	50.3	69.1
15	86.1	91.8	75.4	7.6	77.6	81.4	77.8	78.0	82.4	81.6
16	68.4	77.3	76.1	2.3	62.8	68.1	73.9	76.6	62.8	77.3
17	87.6	82.6	72.1	8.1	85.8	84.3	84.5	84.0	88.3	88.1
18	78.1	78.9	81.2	8.9	78.3	67.9	79.3	79.1	78.6	78.8
19	65.5	72.3	66.2	2.1	94.1	82.0	57.4	71.6	81.0	93.6
20	82.0	81.6	78.5	8.1	74.2	81.3	83.4	74.7	78.0	76.6
21	65.9	76.1	65.5	3.9	77.1	72.7	72.8	66.9	64.5	69.2
22	77.6	72.0	87.1	6.6	89.6	95.5	96.3	77.1	88.6	87.9
23	77.0	82.5	87.5	5.1	76.1	83.6	71.8	83.8	84.4	82.8
24	65.3	84.1	76.1	7.1	62.0	66.5	73.1	76.6	69.0	77.0
25	88.8	83.9	83.3	5.1	82.5	87.6	83.1	80.8	90.4	82.3
26	67.6	88.8	72.5	4.3	53.3	74.6	75.6	74.1	72.0	56.3

	44 C1S1R2	45 C1M16R2	46 C1M40R2	47 C1M43R2	48 C1M49R2	49 C2S1R2	50 C2M16R2	51 C2M40R2	52 C2M43R2	53 C2M49R2
1	83.8	75.5	82.7	0.8	74.1	75.3	74.3	83.5	82.5	65.8
2	57.6	82.2	62.6	69.2	74.9	65.7	67.8	76.6	67.5	38.2
3	68.5	73.9	84.4	74.0	84.4	75.6	75.1	82.1	70.3	82.8
4	78.1	61.2	82.1	57.5	58.6	78.9	54.7	89.6	63.0	57.8
5	83.1	87.0	89.6	92.8	97.8	92.1	96.6	87.3	89.8	86.6
6	74.1	74.0	64.3	58.5	61.0	65.8	66.6	69.1	34.6	45.4
7	65.1	65.3	54.5	61.8	63.3	60.7	58.4	44.0	68.6	58.7
8	87.1	77.5	88.0	8.2	76.1	78.5	82.3	71.3	86.1	69.1
9	69.2	76.8	86.6	5.3	67.8	85.1	89.1	70.5	68.9	71.6
10	82.3	65.6	51.1	4.5	76.3	83.3	51.2	58.7	77.6	82.5
11	71.2	88.8	91.6	1.8	91.0	88.1	91.1	72.0	89.1	89.5
12	46.3	72.1	60.6	9.5	68.0	46.8	26.6	42.2	76.6	79.4
13	78.1	75.1	78.6	7.9	76.6	74.6	79.3	71.5	72.6	62.8
14	68.6	71.2	53.2	48.7	68.1	67.2	52.3	50.6	52.6	69.5
15	89.8	81.4	67.8	9.8	72.6	71.1	81.1	83.6	77.6	81.8
16	76.8	62.5	73.3	2.4	74.1	71.5	77.6	77.1	63.1	63.5
17	90.1	88.3	89.0	5.0	88.7	86.6	85.1	84.3	88.9	86.5
18	67.6	79.3	79.5	8.6	80.5	77.6	68.2	79.0	78.5	78.9
19	76.1	61.7	81.5	1.9	92.0	83.4	60.8	80.8	84.7	91.2
20	81.8	82.1	81.5	8.9	76.1	83.3	83.1	78.0	79.1	75.3
21	65.3	77.3	79.1	8.0	72.7	72.6	78.0	76.1	82.4	75.3
22	73.8	77.9	77.0	6.6	92.8	82.3	96.6	73.5	96.1	96.8
23	83.6	83.3	77.2	5.9	71.1	85.7	84.1	81.5	83.0	76.1
24	77.1	70.3	76.6	5.5	77.2	65.6	86.0	75.1	66.8	87.8
25	88.5	83.3	86.6	2.1	82.1	90.1	78.1	87.3	87.5	80.6
26	68.5	67.9	72.8	9.4	54.6	69.3	71.0	72.1	71.6	53.2

D = Unconverted; C = Converted; 1 = 1080I In; 2 = 720P In
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	54 D1S14R1	55 D2M6R1	56 D2M10R1	57 C1S14R1	58 C2M6R1	59 C2M10R1	60 D1S14R2	61 D2M6R2	62 D2M10R2	63 C1S14R2
1	84.8	75.3	77.8	86.0	78.1	84.8	71.8	73.6	83.2	86.0
2	86.8	62.3	73.2	72.6	63.5	70.0	71.1	56.7	64.1	70.1
3	77.3	73.8	62.3	77.3	73.0	67.9	70.1	62.3	75.3	62.3
4	77.8	82.2	81.8	81.8	83.6	71.1	76.4	59.1	76.6	77.1
5	82.8	88.2	86.3	85.3	84.2	83.2	74.1	87.1	87.6	85.6
6	59.1	52.8	76.8	77.1	73.6	78.2	64.1	67.8	68.1	68.1
7	60.8	65.1	89.9	89.4	87.1	83.6	67.6	65.8	61.8	74.8
8	90.6	78.5	97.6	72.8	89.8	81.2	81.4	82.2	95.6	82.1
9	71.5	69.8	74.2	91.0	72.3	83.8	75.2	67.5	83.5	67.6
10	83.8	84.2	68.3	92.7	76.0	64.7	84.6	61.5	82.8	83.0
11	90.2	71.6	91.4	89.1	90.5	91.4	90.0	72.1	90.5	71.8
12	71.3	60.8	68.5	83.0	78.5	22.8	65.1	51.2	69.6	68.0
13	74.5	75.6	75.1	81.7	76.5	76.8	74.6	81.1	74.6	77.5
14	70.8	69.8	67.8	69.2	66.8	66.1	68.1	49.3	67.8	66.6
15	83.0	69.1	77.1	68.3	77.9	82.0	93.5	81.7	89.6	82.9
16	62.8	62.3	79.3	57.2	64.0	63.3	75.8	77.2	77.6	74.4
17	87.6	87.[illegible]	84.1	94.1	76.3	85.6	84.0	83.5	84.5	67.3
18	79.0	78.3	79.3	79.1	78.8	65.3	78.6	78.1	78.9	78.7
19	74.6	72.[illegible]	80.6	80.7	49.3	77.7	77.7	74.6	74.5	81.0
20	83.3	81.[illegible]	82.9	84.8	83.8	82.5	81.9	82.6	81.0	82.4
21	74.2	67.[illegible]	72.5	75.3	76.3	76.9	76.8	76.5	55.7	75.8
22	85.4	71.[illegible]	75.7	75.0	89.3	89.1	88.6	77.4	89.1	95.6
23	86.2	87.[illegible]	85.0	91.1	84.6	84.1	84.0	88.2	85.3	86.3
24	77.1	87.5	57.4	78.0	70.0	69.8	62.7	70.6	63.2	64.8
25	89.3	92.7	93.1	85.3	89.8	86.2	92.1	91.2	93.8	90.4
26	70.1	74.1	88.8	75.0	71.1	89.7	86.6	74.1	88.8	74.3

	64 C2M6R2	65 C2M10R2	66 SYSTEM	67 TEST	68 SOURCE	69 ID	70 MONTH	71 DAY	72 YEAR	73 SESSI	74 SEAT	75 TAPE_	76 AGE
1	70.9	76.5	gal	sca	otoo	2723	8	15	95	2	1	1	20
2	62.1	77.1	gal	sca	otoo	2724	8	15	95	2	2	1	27
3	76.3	73.1	gal	sca	otoo	2725	8	15	95	2	3	1	19
4	68.8	82.0	gal	sca	otoo	2726	8	15	95	2	4	1	19
5	95.3	92.3	gal	sca	otoo	2727	8	16	95	1	1	1	27
6	72.5	73.3	gal	sca	otoo	2728	8	16	95	1	2	1	24
7	73.8	79.1	gal	sca	otoo	2729	8	16	95	1	3	1	23
8	82.7	81.5	gal	sca	otoo	2730	8	16	95	1	4	1	20
9	75.1	84.6	gal	sca	otoo	2731	8	16	95	1	5	1	22
10	83.2	74.8	gal	sca	otoo	2732	8	16	95	2	1	1	21
11	72.1	90.8	gal	sca	otoo	2733	8	16	95	2	2	1	34
12	71.5	62.6	gal	sca	otoo	2734	8	16	95	2	3	1	43
13	73.4	75.9	gal	sca	otoo	2735	8	16	95	2	4	1	22
14	50.9	49.5	gal	sca	otoo	2736	8	16	95	2	5	1	22
15	62.2	78.8	gal	sca	otoo	2710	8	14	95	1	1	2	31
16	74.3	62.8	gal	sca	otoo	2711	8	14	95	1	2	2	25
17	82.3	84.4	gal	sca	otoo	2713	8	14	95	1	4	2	47
18	79.1	79.0	gal	sca	otoo	2714	8	14	95	1	5	2	27
19	59.0	75.1	gal	sca	otoo	2715	8	14	95	2	2	2	21
20	83.4	82.6	gal	sca	otoo	2716	8	14	95	2	3	2	23
21	71.1	75.1	gal	sca	otoo	2717	8	14	95	2	4	2	30
22	89.2	95.5	gal	sca	otoo	2718	8	14	95	2	5	2	22
23	69.8	73.0	gal	sca	otoo	2719	8	15	95	1	1	2	24
24	77.7	64.3	gal	sca	otoo	2720	8	15	95	1	2	2	24
25	90.8	89.7	gal	sca	otoo	2721	8	15	95	1	3	2	19
26	74.1	71.1	gal	sca	otoo	2722	8	15	95	1	4	2	24

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S = Still sequences; M = Motion sequences; R = Replicate

S =

	77 SEX	78 CITIZ	79 D1S1R1	80 D1M16R1	81 D1M40R1	82 D1M43R1	83 D1M49R1	84 D2S1R1	85 D2M16R1	86 D2M40R1	87 D2M43R1
1	2	1	82.3	73.8	71.8	82.8	53.3	84.1	82.0	75.8	82.3
2	1	1	61.8	77.8	62.1	69.9	42.9	55.6	82.1	76.0	72.0
3	2	1	68.4	40.8	37.2	58.3	16.8	71.2	62.0	47.6	70.3
4	2	1	77.4	57.8	59.1	62.0	42.0	63.1	62.3	76.3	78.5
5	1	1	76.3	71.3	68.6	63.2	56.0	73.6	87.7	76.7	62.5
6	2	1	76.1	64.4	38.8	64.3	28.5	55.6	82.3	65.3	60.9
7	2	1	79.6	62.1	38.4	70.3	58.8	77.1	81.3	57.2	61.1
8	2	1	97.4	78.6	77.3	81.8	76.8	89.6	76.7	74.5	83.4
9	2	1	84.2	78.3	72.1	75.8	62.6	89.9	87.1	70.1	67.8
10	2	1	89.0	61.7	56.8	76.0	52.9	82.5	71.0	58.7	74.3
11	1	1	74.1	71.1	30.2	72.5	30.9	72.3	90.0	31.3	72.1
12	2	1	51.8	24.0	10.2	42.4	5.0	68.8	91.0	39.6	78.9
13	1	1	72.0	74.8	69.0	71.8	69.8	75.5	74.4	76.0	77.5
14	2	1	70.2	67.4	46.8	68.9	26.8	68.3	76.1	53.5	68.6
15	2	1	77.6	44.6	55.5	58.2	43.3	70.5	85.9	63.3	65.6
16	2	1	62.8	77.2	82.3	74.3	41.7	61.6	62.9	62.3	41.8
17	1	1	75.1	56.0	56.8	42.7	55.4	74.8	53.5	57.1	62.8
18	1	1	78.8	69.6	69.6	69.3	63.5	78.6	68.3	68.9	65.6
19	2	1	77.1	40.8	52.1	72.4	7.6	77.7	81.0	52.8	77.9
20	1	3	82.1	70.6	73.6	78.6	58.4	81.6	91.6	77.1	81.5
21	2	1	72.6	67.6	72.6	71.4	71.5	68.6	72.5	73.1	64.3
22	1	3	74.4	75.1	71.6	73.8	29.0	73.8	55.0	88.4	74.1
23	1	1	90.3	84.0	85.1	85.5	52.7	72.8	74.6	86.3	84.6
24	1	1	75.3	52.6	52.2	66.5	48.2	73.4	72.8	52.9	54.2
25	1	1	84.2	84.3	74.8	84.3	58.1	83.6	97.7	75.6	88.8
26	2	1	75.5	74.6	66.8	74.2	51.1	74.0	70.3	71.8	68.8

	88 D2M49R1	89 C1S1R1	90 C1M16R1	91 C1M40R1	92 C1M43R1	93 C1M49R1	94 C2S1R1	95 C2M16R1	96 C2M40R1	97 C2M43R1
1	55.3	84.1	82.5	70.8	66.8	55.3	75.6	76.6	69.8	74.2
2	23.4	44.3	82.6	61.8	65.4	67.9	55.2	73.1	68.6	58.3
3	16.0	61.0	41.3	40.9	57.5	18.3	74.8	46.5	42.0	35.8
4	21.9	59.2	77.9	71.3	47.8	37.8	60.8	81.3	74.3	71.1
5	36.0	74.8	75.3	70.1	72.8	62.3	77.3	63.3	77.1	62.6
6	30.7	69.1	83.6	29.7	75.2	31.9	53.0	57.1	66.4	82.1
7	61.2	62.9	85.6	36.8	80.8	58.6	66.8	58.2	57.9	78.8
8	62.6	86.3	71.8	63.8	73.4	79.2	69.8	86.4	61.6	81.6
9	69.6	85.5	68.5	71.1	74.8	70.6	53.3	90.1	73.2	84.8
10	27.4	82.5	96.0	26.4	56.8	38.1	84.5	57.7	23.0	57.7
11	32.5	91.1	69.0	31.5	69.8	32.8	91.0	72.1	32.7	71.0
12	1.8	61.8	79.5	29.4	78.1	9.3	79.8	59.3	17.1	41.6
13	70.0	72.8	82.1	81.3	78.5	73.8	74.3	75.9	78.4	68.3
14	33.8	69.8	76.3	50.5	71.1	29.6	68.8	50.5	34.2	69.0
15	33.6	89.5	57.8	56.7	64.1	45.5	67.5	61.9	61.5	58.0
16	56.6	77.1	76.4	84.0	62.7	62.3	75.2	62.5	62.7	64.7
17	49.9	84.1	50.0	48.7	61.9	62.6	89.3	43.3	52.3	55.0
18	63.3	78.8	72.8	60.7	63.2	70.0	71.0	62.2	64.8	66.0
19	7.6	76.5	55.8	43.6	78.3	14.1	77.0	72.3	32.1	63.7
20	58.8	81.1	61.0	81.5	78.6	69.4	84.0	81.6	71.3	76.0
21	73.3	70.6	54.8	63.3	74.1	72.8	72.5	65.0	69.1	71.6
22	30.6	75.4	72.3	70.6	86.1	50.0	75.4	87.0	75.1	88.1
23	42.8	85.3	73.9	55.0	71.1	84.3	82.0	53.8	71.6	83.9
24	42.6	67.5	27.9	55.2	56.3	64.6	85.4	55.6	57.0	66.9
25	49.6	83.6	76.6	82.1	78.6	57.1	83.4	81.7	81.8	78.5
26	54.6	68.9	87.0	69.9	71.3	53.3	72.1	67.3	70.3	72.5

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	98 C2M49R1	99 D1S1R2	100 D1M16R2	101 D1M40R2	102 D1M43R2	103 D1M49R2	104 D2S1R2	105 D2M16R2	106 D2M40R2	107 D2M43R2
1	48.3	81.8	82.5	82.8	71.5	63.1	84.5	74.1	67.6	81.6
2	8.2	57.3	76.8	56.8	55.3	26.3	64.0	71.5	72.1	61.4
3	6.6	76.6	75.1	36.3	50.5	23.9	66.6	68.0	37.0	57.2
4	16.6	61.2	59.1	60.7	61.9	36.2	77.9	87.8	77.4	61.0
5	37.0	69.9	72.4	76.0	69.3	42.3	77.0	88.0	72.8	69.7
6	11.3	67.0	41.7	32.7	42.9	36.1	70.7	72.1	58.8	65.6
7	18.7	69.5	61.8	27.8	57.8	23.6	68.1	63.8	38.7	61.0
8	61.8	85.2	89.2	71.7	62.2	75.8	77.1	82.7	75.1	76.8
9	52.3	85.3	69.9	83.8	67.4	63.7	75.8	75.4	81.1	69.0
10	18.7	83.3	59.2	43.6	73.5	42.0	85.0	69.3	26.1	81.3
11	13.6	72.0	72.3	30.6	51.8	32.7	91.0	92.3	32.3	72.6
12	5.6	69.6	41.7	29.4	67.4	27.4	78.1	60.2	55.1	41.5
13	52.3	78.3	67.1	69.0	68.7	62.7	73.5	62.6	73.5	73.8
14	25.0	67.8	71.3	42.3	69.0	30.7	71.7	69.0	45.3	49.8
15	28.7	74.1	63.8	61.7	65.3	53.1	63.7	77.9	60.9	71.4
16	36.6	68.5	62.2	75.8	62.3	62.4	68.1	62.3	76.5	63.2
17	35.3	88.1	43.3	74.3	51.7	36.3	84.8	42.7	36.2	56.3
18	65.8	69.4	69.5	70.3	69.1	63.8	78.2	69.4	67.1	67.9
19	10.7	61.1	76.6	56.8	74.8	7.6	76.6	63.2	52.5	78.5
20	55.8	81.6	61.6	70.0	78.2	51.3	81.7	70.5	75.0	76.8
21	54.8	65.9	55.7	53.6	65.1	64.9	69.1	68.6	65.9	69.3
22	11.9	77.6	89.7	74.8	77.8	10.5	81.8	97.0	77.1	72.8
23	11.7	83.8	77.6	75.0	85.1	55.8	87.6	83.6	73.3	84.8
24	28.8	74.3	36.0	44.3	63.6	36.6	73.6	49.3	43.5	56.8
25	38.0	87.1	87.5	70.1	78.6	65.3	83.8	98.7	78.6	89.1
26	30.6	72.6	85.6	69.3	67.8	48.8	71.1	71.3	70.5	75.8

	108 D2M49R2	109 C1S1R2	110 C1M16R2	111 C1M40R2	112 C1M43R2	113 C1M49R2	114 C2S1R2	115 C2M16R2	116 C2M40R2	117 C2M43R2
1	35.4	84.7	63.5	69.1	67.0	66.6	75.3	73.5	74.0	85.9
2	3.2	57.6	77.9	44.3	56.0	50.0	61.9	71.6	72.6	63.1
3	17.8	75.2	63.1	38.2	45.3	29.5	68.6	72.6	50.6	49.7
4	15.3	59.0	81.5	60.6	63.2	59.1	60.8	78.6	65.8	58.0
5	35.3	66.3	64.8	74.5	67.8	61.8	69.2	62.1	69.6	63.6
6	4.8	74.1	59.8	48.0	55.5	36.0	66.6	66.4	53.7	18.0
7	22.6	67.3	53.8	48.0	49.8	33.2	61.8	67.9	38.5	41.6
8	77.0	85.9	72.4	86.0	78.6	74.1	81.7	82.2	76.6	83.6
9	30.4	69.3	77.3	87.3	70.3	48.3	85.1	83.9	70.2	68.9
10	14.3	82.3	52.3	46.9	77.7	25.8	82.8	48.6	62.7	78.1
11	29.9	72.0	89.4	31.7	71.5	30.4	87.8	72.6	51.3	70.5
12	8.4	68.4	26.6	10.8	50.2	9.4	72.2	31.9	22.6	56.4
13	42.8	77.6	61.6	79.0	68.0	71.5	73.6	71.5	66.9	73.0
14	32.0	67.8	59.1	30.1	49.2	29.2	67.2	68.1	49.8	51.2
15	37.3	69.8	70.3	42.0	77.3	42.3	62.2	69.7	58.2	61.3
16	37.1	76.5	74.1	73.1	62.7	56.1	71.3	62.2	63.2	63.3
17	34.4	76.1	33.6	36.1	62.6	33.7	87.6	43.0	35.2	42.1
18	65.4	78.7	67.0	66.8	68.3	71.0	63.3	78.8	65.1	66.0
19	4.6	77.5	72.0	55.9	76.2	5.8	81.3	61.1	41.3	81.9
20	47.5	81.6	67.8	68.1	79.0	48.4	83.1	73.1	77.7	78.8
21	35.4	64.6	43.7	62.0	64.5	68.0	69.1	62.8	64.5	63.8
22	10.5	73.8	63.2	63.6	72.7	13.2	92.5	82.3	73.7	63.1
23	12.4	83.3	62.3	63.3	81.6	57.3	85.3	74.1	85.6	82.6
24	22.9	84.1	34.8	27.2	62.6	56.2	63.5	33.5	46.1	45.7
25	42.6	88.0	70.5	58.8	78.9	71.6	89.9	78.3	75.1	77.7
26	51.8	69.6	72.6	67.5	86.6	51.3	74.2	76.4	67.5	76.1

D = Unconverted; C = Converted; 1 = 1080I In; 2 = 720P In
S = Still sequences; M = Motion sequences; R = Replicate

	118 C2M49R2	119 D1S14R1	120 D2M6R1	121 D2M10R1	122 C1S14R1	123 C2M6R1	124 C2M10R1	125 D1S14R2	126 D2M6R2	127 D2M10R2
1	52.0	82.8	75.8	7[illegible].8	82.1	63.3	81.6	70.4	63.3	81.6
2	5.3	82.2	62.5	7[illegible].8	77.8	63.1	77.6	71.0	45.9	64.3
3	2.4	72.5	74.3	6[illegible].1	72.1	57.1	50.3	71.8	75.4	74.6
4	17.5	77.4	61.3	8[illegible].8	84.1	54.7	62.8	76.4	78.5	76.5
5	37.0	77.1	86.1	8[illegible].1	88.1	57.6	83.6	76.5	88.2	87.7
6	10.3	69.8	46.5	7[illegible].1	76.2	52.7	77.3	68.6	67.0	62.4
7	17.3	70.3	38.9	8[illegible].2	84.5	78.6	78.1	75.8	57.9	56.0
8	61.7	88.9	90.6	8[illegible].0	70.1	89.7	77.8	85.6	82.8	92.8
9	35.1	52.3	69.0	7[illegible].5	87.7	72.7	84.1	75.0	74.7	81.6
10	22.1	85.6	84.1	58.4	94.6	75.7	56.8	85.1	62.4	81.6
11	29.9	90.1	91.3	7[illegible].8	71.8	72.5	70.7	90.3	91.8	90.5
12	6.6	59.5	55.3	4[illegible].3	83.1	14.0	24.9	57.5	29.8	58.5
13	42.5	76.0	73.3	7[illegible].4	76.6	77.0	78.5	74.5	83.2	74.3
14	29.9	70.5	67.2	68.5	71.1	67.5	64.8	67.5	69.6	49.8
15	26.6	72.6	71.6	6[illegible].9	74.1	57.5	61.9	78.1	62.1	65.5
16	37.2	77.5	62.3	6[illegible].8	74.1	63.8	64.3	76.5	77.1	77.6
17	17.6	64.8	67.5	4[illegible].7	66.8	55.4	61.8	56.9	56.5	57.3
18	65.3	66.8	70.2	6[illegible].5	72.2	66.1	78.5	69.1	70.0	69.7
19	5.0	75.0	72.8	8[illegible].8	81.6	42.4	74.0	77.3	81.2	74.9
20	49.5	83.1	80.9	8[illegible].8	84.6	82.3	80.3	73.8	83.0	81.1
21	47.0	76.6	67.6	6[illegible].8	74.8	66.3	70.7	74.3	67.7	55.8
22	3.2	75.5	87.6	8[illegible].3	74.5	56.3	89.3	73.5	77.3	72.5
23	14.9	82.3	85.3	8[illegible].7	62.6	84.8	65.6	86.6	88.5	85.5
24	16.4	84.6	62.6	6[illegible].6	76.3	70.3	67.3	65.1	56.8	57.8
25	28.9	89.8	90.1	8[illegible].5	97.1	77.3	78.8	92.6	87.1	89.0
26	49.3	73.6	70.3	8[illegible].3	72.1	73.8	87.6	82.7	68.0	86.0

	128 C1S14R2	129 C2M6R2	130 C2M10R2
1	91.6	70.8	76.3
2	70.5	61.9	53.5
3	73.5	70.3	69.6
4	77.0	49.0	61.6
5	82.5	66.1	73.1
6	68.8	41.2	63.1
7	76.5	56.0	62.0
8	86.7	81.7	84.8
9	72.0	75.7	83.8
10	82.0	75.3	76.0
11	89.2	72.6	90.8
12	42.6	10.7	36.6
13	76.4	72.3	61.8
14	65.3	49.8	50.0
15	64.1	58.3	62.1
16	74.9	74.3	63.0
17	87.1	35.3	32.1
18	69.0	71.3	68.2
19	81.3	58.3	75.0
20	81.8	81.8	82.4
21	76.1	65.6	72.0
22	64.3	72.1	71.4
23	83.3	43.2	62.7
24	72.6	37.3	63.8
25	90.5	78.8	77.6
26	71.3	69.8	73.9

D = Unconverted; C = Converted; 1 = 1080I In; 2 = 720P In
S = Still sequences; M = Motion sequences; R = Replicate

RECEIVER SCAN CONVERSION
REFERENCE *vs.* TEST ANOVA

This section presents the results of the comprehensive ANOVA, comparing the Reference and Test sequences, for the Receiver Scan Conversion test.

The four design factors contributing to the comparisons were assigned numerical indices as follows: 1 = Tape Order, 2 = Reference *vs.* Test, 3 = Replicate and 4 = Picture.

The tables are organized into 7 columns, as follows:

Effect:	Sources of statistical effects given the design of the test. Main Effects (effects of individual factors) are listed first and labeled with the corresponding one-digit indices. Interaction Effects (joint effects of two or more factors) are listed next, and labeled with the corresponding two-digit or three-digit indices.
***df* Effect:**	Degrees of freedom for the Effect term (MS Effect).
MS Effect:	Variance that can be attributed to the given effect, referred to technically as the Mean Square Effect.
***df* Error:**	Degrees of freedom for the error term (MS Error).
MS Error:	Error variance for the given Effect, referred to technically as the Mean Square Error.
***F*:**	The ratio of MS Effect to MS Error for the given Effect.
***p*-level:**	The probability that the observed ***F***-ratio is due to chance.

RECEIVER SCAN CONVERSION
COMPREHENSIVE ANOVA - REFERENCE *vs.* TEST

STAT. GENERAL MANOVA — Summary of all Effects; design: (gascanrt.sta) 1-TAPE_ORD, 2-RVST, 3-REPLICAT, 4-INOUT, 5-PICTURE

Effect	df Effect	MS Effect	df Error	MS Error	F	p-level
1	1	8436.73	24	3710.051	2.27402	.144610
2*	1*	94447.91*	24*	1311.450*	72.01794*	.000000*
3*	1*	1721.92*	24*	320.960*	5.36489*	.029404*
4*	3*	1054.54*	72*	53.016*	19.89107*	.000000*
5*	4*	18324.04*	96*	496.007*	36.94308*	.000000*
12	1	11.68	24	1311.450	.00890	.925603
13	1	492.89	24	320.960	1.53568	.227244
23*	1*	345.02*	24*	51.464*	6.70406*	.016091*
14	3	73.59	72	53.016	1.38801	.253386
24*	3*	206.38*	72*	56.614*	3.64540*	.016551*
34*	3*	233.74*	72*	54.939*	4.25464*	.007986*
15	4	754.39	96	496.007	1.52092	.202192
25*	4*	19482.64*	96*	476.416*	40.89417*	.000000*
35	4	193.48	96	90.339	2.14171	.081504
45*	12*	636.09*	288*	76.422*	8.32330*	.000000*
123*	1*	375.68*	24*	51.464*	7.29996*	.012454*
124	3	31.16	72	56.614	.55044	.649470
134	3	7.30	72	54.939	.13279	.940238
234	3	22.76	72	64.027	.35554	.785261
125	4	495.35	96	476.416	1.03975	.390867
135*	4*	289.74*	96*	90.339*	3.20724*	.016168*
235	4	107.90	96	67.110	1.60777	.178581
145*	12*	159.80*	288*	76.422*	2.09104*	.017532*
245*	12*	607.46*	288*	44.125*	13.76688*	.000000*
345*	12*	193.38*	288*	81.459*	2.37394*	.006262*
1234	3	136.34	72	64.027	2.12934	.103975
1235	4	68.38	96	67.110	1.01899	.401555
1245	12	28.52	288	44.125	.64629	.801705
1345	12	69.86	288	81.459	.85766	.590832
2345	12	55.36	288	48.164	1.14947	.319901
12345	12	65.24	288	48.164	1.35449	.187421

STAT. GENERAL MANOVA — Means (gascanrt.sta) F(1,24)=2.27; p<.1446

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	....	....	....	....	67.14178
2	....	....	....	....	71.18172

STAT. GENERAL MANOVA — Means (unweighted) (gascanrt.sta) F(1,24)=72.02; p<.0000

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	1	....	....	....	75.92030
....	2	....	....	....	62.40321

STAT. GENERAL MANOVA — Means (unweighted) (gascanrt.sta) F(1,24)=5.36; p<.0294

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	1	....	....	70.07432
....	....	2	....	....	68.24919

STAT. GENERAL MANOVA — Means (unweighted) (gascanrt.sta) F(3,72)=19.89; p<.0000

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	....	1	....	69.19137
....	....	....	2	....	70.24906
....	....	....	3	....	70.07183
....	....	....	4	....	67.13475

STAT. GENERAL MANOVA — Means (unweighted) (gascanrt.sta) F(4,96)=36.94; p<.0000

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	....	....	1	75.39516
....	....	....	....	2	71.87437
....	....	....	....	3	67.35606
....	....	....	....	4	72.74264
....	....	....	....	5	58.44053

STAT. GENERAL MANOVA — Means (gascanrt.sta) F(1,24)=.01; p<.9256

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	1	....	....	....	73.82518
1	2	....	....	....	60.45839
2	1	....	....	....	78.01542
2	2	....	....	....	64.34802

STAT. GENERAL MANOVA — Means (gascanrt.sta) F(1,24)=1.54; p<.2272

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	....	1	....	....	68.54259
1	....	2	....	....	65.74098
2	....	1	....	....	71.60604
2	....	2	....	....	70.75739

STAT.
GENERAL
MANOVA

Means (unweighted) (gascanrt.sta)
F(1,24)=6.70; p<.0161

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	1	1	....	....	76.42438
....	1	2	....	....	75.41622
....	2	1	....	....	63.72425
....	2	2	....	....	61.08216

STAT.
GENERAL
MANOVA

Means (gascanrt.sta)
F(3,72)=1.39; p<.2534

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	....	....	1	....	66.84732
1	....	....	2	....	68.73250
1	....	....	3	....	68.12428
1	....	....	4	....	64.86304
2	....	....	1	....	71.53542
2	....	....	2	....	71.76563
2	....	....	3	....	72.01938
2	....	....	4	....	69.40646

STAT.
GENERAL
MANOVA

Means (unweighted) (gascanrt.sta)
F(3,72)=3.65; p<.0166

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	1	....	1	....	75.41336
....	1	....	2	....	76.63444
....	1	....	3	....	76.86285
....	1	....	4	....	74.77054
....	2	....	1	....	62.96938
....	2	....	2	....	63.86369
....	2	....	3	....	63.28080
....	2	....	4	....	59.49896

STAT.
GENERAL
MANOVA

Means (unweighted) (gascanrt.sta)
F(3,72)=4.25; p<.0080

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	1	1	....	69.61548
....	....	1	2	....	71.61622
....	....	1	3	....	71.67613
....	....	1	4	....	67.38943
....	....	2	1	....	68.76727
....	....	2	2	....	68.88190
....	....	2	3	....	68.46753
....	....	2	4	....	66.88006

STAT. GENERAL MANOVA					Means (gascanrt.sta) F(4,96)=1.52; p<.2022
TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	....	....	....	1	73.56897
1	....	....	....	2	71.66228
1	....	....	....	3	63.36161
1	....	....	....	4	70.49464
1	....	....	....	5	56.62143
2	....	....	....	1	77.22135
2	....	....	....	2	72.08646
2	....	....	....	3	71.35052
2	....	....	....	4	74.99062
2	....	....	....	5	60.25964

STAT. GENERAL MANOVA					Means (unweighted) (gascanrt.sta) F(4,96)=40.89; p<.0000
TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	1	....	....	1	75.91365
....	1	....	....	2	75.16972
....	1	....	....	3	74.49732
....	1	....	....	4	77.30822
....	1	....	....	5	76.71258
....	2	....	....	1	74.87667
....	2	....	....	2	68.57902
....	2	....	....	3	60.21481
....	2	....	....	4	68.17705
....	2	....	....	5	40.16849

STAT. GENERAL MANOVA					Means (unweighted) (gascanrt.sta) F(4,96)=2.14; p<.0815
TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	1	....	1	75.35688
....	....	1	....	2	72.65633
....	....	1	....	3	68.06544
....	....	1	....	4	74.09274
....	....	1	....	5	60.20019
....	....	2	....	1	75.43344
....	....	2	....	2	71.09241
....	....	2	....	3	66.64669
....	....	2	....	4	71.39252
....	....	2	....	5	56.68088

STAT.
GENERAL
MANOVA

Means (unweighted) (gascanrt.sta)
F(12,288)=8.32; p<.0000

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
....	....	....	1	1	76.21651
....	....	....	1	2	69.82902
....	....	....	1	3	66.45223
....	....	....	1	4	72.60045
....	....	....	1	5	60.85863
....	....	....	2	1	75.74457
....	....	....	2	2	74.82924
....	....	....	2	3	69.38206
....	....	....	2	4	73.54881
....	....	....	2	5	57.74062
....	....	....	3	1	74.89822
....	....	....	3	2	72.25930
....	....	....	3	3	66.20074
....	....	....	3	4	73.45989
....	....	....	3	5	63.54100
....	....	....	4	1	74.72135
....	....	....	4	2	70.57991
....	....	....	4	3	67.38921
....	....	....	4	4	71.36138
....	....	....	4	5	51.62188

STAT.
GENERAL
MANOVA

Means (gascanrt.sta)
F(1,24)=7.30; p<.0125

TAPE_ORD	RVST	REPLICAT	INOUT	PICTURE	Depend. Var.1
1	1	1	....	....	75.24375
1	1	2	....	....	72.40661
1	2	1	....	....	61.84143
1	2	2	....	....	59.07536
2	1	1	....	....	77.60500
2	1	2	....	....	78.42583
2	2	1	....	....	65.60709
2	2	2	....	....	63.08896