Color Quality

Unspecified	(2)	Metal Table & Chairs	(4)	Rotating Pyramids	(2)
Dream Team	(5)	Picnic with Ants	(4)	Woman & Room	(3)
Cheshire Cat	(10)	Ducks	(4)		

Brightness/Contrast

Unspecified	(3)	Metal Table & Chairs	(2)	Dream Team	(1)
Picnic with Ants	(1)	Cheshire Cat	(1)	Ducks	(1)

Motion Rendition

Unspecified	(2)	Den	(1)
Ducks	(3)	Dream Team	(4)

Miscellaneous Artifacts

Blocking		Text Twitter		Picture Shift	
Picnic with Ants	(4)	Rotating Pyramids	(2)	Woman & Room	(1)

Unspecified

Picnic with Ants	(1)	Ducks	(1)

4. Were the differences in quality between Presentations "A" and "B" greater for pictures that contained movement than for those that contained no movement?

YES ☐ NO ☐

RESULTS: Answers (number of viewers, of 26)

YES	(17)
NO	(9)

If yes, what difference(s) in quality were more pronounced for either? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Motion sequences better than still sequences

(Denotes still sequence which appeared worse than the motion sequences)*

Metal Table & Chairs*	(10)	Den	(1)	Rotating Pyramids	(1)
Dream Team	(2)	Woman & Room	(1)		

Motion sequences worse than still sequences

*(The following motion sequences were noted to appear worse than still sequences. * Denotes still sequences which appeared better than the motion sequences)*

Unspecified	(3)	Metal Table & Chairs*	(2)	Den	(3)
Rotating Pyramids	(1)	Dream Team	(12)	Picnic with Ants	(6)
Woman & Room	(1)	Cheshire Cat*	(1)	Ducks	(2)

5. Did the size of the TV set affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES	(12)
NO	(13)
INVALID	(1)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Large screen resulted in poor definition/easier to see deficiencies	(4)
Larger screen allows for better viewing	(3)
Larger screen resulted in an inability to view entire screen at once	(4)
Undetermined (Comments did not specify any preference)	(1)

6. Did the seat position, lighting, or color of the viewing room affect your judgement of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES	(13)
NO	(13)

If yes, in what way?

RESULTS: Observations (number of instances reported)

Viewing environment					
Positive influence	(4)	Negative Influence	(3)	Unspecified	(0)
Viewing distance/angle					
Positive influence	(2)	Negative Influence	(0)	Unspecified	(3)
Lighting					
Positive influence	(4)	Negative Influence	(3)	Unspecified	(0)

7. Did the way in which you judged the pictures change during the test session?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES	(19)
NO	(7)

If yes, in what way and at what time(s) in the session? Please refer to specific pictures whenever possible.

Repetition of pictures affect on judgement					
Positive influence	(1)	Negative Influence	(2)	Unspecified	(2)
Better at selecting criteria for judgement as session progressed					(14)
Judgement affected by fatigue/boredom					(3)
Judgement altered - unspecified					(1)

8. In judging picture quality were you biased by the content of the pictures?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES	(6)
NO	(20)

If yes, in what way? Please refer to specific pictures whenever possible.

RESULTS: Observations (number of instances reported)

Repetition of pictures (biased by, or distracted by)					(1)
Biased by level of attractiveness of picture					
Ducks	(2)	Metal Table & Chairs	(1)		
Distracted by level of reality displayed/staging in the picture					
Den	(1)	Ducks	(2)	Dream Team	(2)
Unspecified					
Ducks	(1)				

9. Have you had any professional experience in Television or Video?

YES ☐ NO ☐

RESULTS: Answer (number of viewers, of 26)

YES	(2)
NO	(24)

If yes, what type and how much?

RESULTS: Observations (number of instances reported)

Experienced with 16mm film	(1)
Bachelor degree from Institute of Communication	(1)

10. Please make any other comments you would like to provide.

RESULTS: Observations (number of instances reported)

Thought all pictures were excellent in quality	(1)
Hard to distinguish between A and B	(3)
Hopes HDTV technology available soon	(1)
Enjoyed experiment	(3)
Suggests breaking session into 10 trial segments (instead of 28/32)	(1)
Found presentation of images slightly unfocused and fast	(1)
Found lighting advantageous	(1)
Felt inadequately prepared to detect small quality differences	(1)

APPENDIX H

1080 INTERLACED

BASIC RECEIVED QUALITY ANALYSES

BASIC RECEIVED QUALITY ANALYSES
1080I
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 (brq = basic received quality), 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° 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 (S or M), 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: gaintrvt.sta [27 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	brq	otoo	2639	6	23	95	1	1	1	23	2	1
2	gal	brq	otoo	2640	6	23	95	1	2	1	22	2	1
3	gal	brq	otoo	2641	6	23	95	1	3	1	18	1	1
4	gal	brq	otoo	2642	6	23	95	1	4	1	20	1	1
5	gal	brq	otoo	2644	6	23	95	2	2	1	35	2	3
6	gal	brq	otoo	2645	6	23	95	2	3	1	25	1	1
7	gal	brq	otoo	2646	6	23	95	2	4	1	21	1	1
8	gal	brq	otoo	2647	6	23	95	2	5	1	19	1	1
9	gal	brq	otoo	2648	6	26	95	1	1	1	23	1	1
10	gal	brq	otoo	2649	6	26	95	1	2	1	23	2	1
11	gal	brq	otoo	2650	6	26	95	1	3	1	22	1	1
12	gal	brq	otoo	2651	6	26	95	1	4	1	20	2	1
13	gal	brq	otoo	2652	6	26	95	1	5	1	36	1	1
14	gal	brq	otoo	2653	6	26	95	2	1	2	36	2	1
15	gal	brq	otoo	2654	6	26	95	2	2	2	20	2	3
16	gal	brq	otoo	2655	6	26	95	2	3	2	20	2	1
17	gal	brq	otoo	2656	6	26	95	2	4	2	20	2	1
18	gal	brq	otoo	2657	6	26	95	2	5	2	22	1	1
19	gal	brq	otoo	2658	6	27	95	1	5	2	21	2	1
20	gal	brq	otoo	2659	6	27	95	1	2	2	21	2	1
21	gal	brq	otoo	2660	6	27	95	1	3	2	20	1	1
22	gal	brq	otoo	2661	6	27	95	1	4	2	20	2	1
23	gal	brq	otoo	2662	6	27	95	1	1	2	21	1	3
24	gal	brq	otoo	2663	6	27	95	2	2	2	23	1	1
25	gal	brq	otoo	2664	6	27	95	2	3	2	21	1	1
26	gal	brq	otoo	2665	6	27	95	2	4	2	20	1	1
27	gal	brq	otoo	2666	6	27	95	2	5	2	29	1	1

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

	14 S1R1	15 S5R1	16 S6R1	17 S8R1	18 S9R1	19 S14AR1	20 M1R1	21 M2R1	22 M4R1	23 M5R1	24 M6R1
1	75.3	94.2	77.3	86.8	72.8	88.0	96.1	62.2	72.3	62.5	64.6
2	71.9	68.1	76.6	74.1	58.1	71.0	73.7	56.1	50.1	73.3	70.0
3	84.6	89.7	82.5	91.3	93.4	92.4	88.6	84.1	86.8	94.1	87.0
4	98.0	86.7	89.7	92.8	93.7	96.1	98.1	98.0	86.0	55.8	85.5
5	93.8	94.3	79.3	95.4	62.3	97.0	77.7	85.0	74.6	94.8	74.5
6	89.1	85.0	76.5	87.9	56.2	85.8	66.6	73.1	66.3	41.6	78.2
7	75.3	75.6	77.6	74.4	58.6	86.7	76.1	77.8	81.3	83.6	76.5
8	98.4	85.5	91.0	81.7	83.1	93.0	98.9	93.4	91.4	94.0	88.9
9	96.8	92.8	84.3	94.8	74.2	97.8	93.1	91.8	91.6	91.6	90.6
10	83.3	86.2	86.3	82.6	75.6	90.6	86.4	85.8	82.8	84.1	88.0
11	94.8	80.8	74.6	89.1	82.6	81.3	81.0	73.1	70.2	65.5	77.0
12	62.7	55.5	45.7	57.6	57.3	61.8	44.3	85.8	63.2	55.0	83.5
13	64.3	63.3	49.8	70.1	57.6	62.0	72.3	67.2	41.8	57.9	62.1
14	94.6	97.4	97.0	97.3	91.0	78.4	87.0	87.9	78.1	58.3	63.1
15	78.4	81.8	70.6	81.8	78.1	77.6	82.5	70.2	63.5	19.0	76.7
16	81.6	78.1	77.1	70.7	70.1	54.9	82.3	84.6	81.8	78.1	81.3
17	76.6	88.3	68.8	74.6	90.9	77.3	81.7	77.1	73.7	83.3	66.0
18	54.4	69.8	62.3	69.8	73.0	89.1	77.8	70.9	70.1	71.6	70.7
19	81.8	87.0	82.7	78.3	83.5	82.7	82.7	83.3	76.3	84.1	82.7
20	82.6	67.6	71.1	70.6	74.1	71.8	61.8	62.1	59.3	78.6	71.6
21	93.6	78.1	81.3	91.1	76.1	75.5	58.5	64.5	73.2	75.0	77.8
22	73.5	69.9	62.3	69.1	31.9	74.8	81.3	92.0	35.5	69.4	55.9
23	75.1	73.1	73.1	68.8	77.3	73.4	72.3	77.7	77.2	75.6	71.3
24	88.8	91.6	86.1	95.2	77.6	81.8	82.5	86.1	85.1	88.6	84.6
25	84.6	90.1	83.1	83.8	89.4	85.3	92.3	92.1	87.1	86.3	88.8
26	76.2	86.8	77.9	88.1	68.2	78.1	70.3	68.6	74.4	83.2	83.5
27	83.6	83.1	84.8	81.8	87.1	83.4	82.7	87.3	82.3	83.1	82.1

	25 M10R1	26 M16AR1	27 M35R1	28 M36R1	29 M37R1	30 M38R1	31 M39R1	32 M40R1	33 M41R1	34 M44R1	35 M45R1
1	76.2	62.3	74.5	78.3	55.8	88.6	71.3	81.3	64.8	75.6	61.8
2	81.2	70.9	82.8	71.9	76.1	91.6	63.2	41.5	75.2	46.4	59.5
3	90.3	87.4	88.5	88.6	87.8	85.6	83.1	89.3	84.8	67.8	70.8
4	90.1	76.0	93.8	90.8	84.3	96.5	76.6	84.1	90.8	36.0	49.3
5	95.8	98.6	63.8	81.7	82.1	96.8	77.4	88.3	91.6	96.9	61.2
6	77.8	75.7	72.3	82.6	70.8	74.1	72.0	76.1	84.0	57.3	76.0
7	91.2	94.9	81.8	94.1	81.8	81.3	81.8	78.1	68.6	81.3	78.8
8	98.3	93.5	99.0	92.1	89.3	95.5	91.3	97.3	95.7	81.4	78.0
9	97.0	98.8	98.1	96.9	92.7	96.0	94.5	74.0	97.6	93.5	87.2
10	88.5	90.0	82.7	85.3	89.8	89.1	85.6	89.6	88.6	83.6	83.9
11	82.4	77.3	81.5	69.6	82.6	82.6	65.5	69.8	81.0	70.8	51.7
12	68.1	43.9	28.5	62.4	75.3	91.4	24.7	62.5	33.8	23.2	72.6
13	76.5	77.5	61.8	78.0	62.0	82.0	65.6	64.2	83.8	62.6	62.3
14	88.1	67.6	82.1	78.2	98.0	97.0	78.4	97.1	63.4	78.2	76.6
15	68.8	80.3	70.2	81.0	81.4	82.7	66.1	93.1	81.0	65.3	63.3
16	94.5	85.5	93.3	77.5	91.2	79.1	63.2	94.2	87.6	84.7	42.9
17	85.1	78.3	68.2	63.6	69.1	82.6	78.1	84.4	70.8	62.2	64.6
18	77.9	76.7	76.4	75.0	77.3	82.6	74.8	89.6	71.0	64.9	69.5
19	82.1	77.6	72.6	75.5	84.3	90.8	78.1	84.6	78.3	68.1	65.1
20	86.6	88.6	74.3	78.0	85.3	70.6	73.6	88.6	89.6	86.4	57.8
21	74.3	83.8	95.3	89.5	94.8	80.3	82.8	89.0	76.8	63.8	50.4
22	85.3	81.5	93.8	72.6	92.8	62.3	53.7	68.2	65.6	48.7	23.1
23	69.2	62.6	70.5	74.6	77.5	70.0	87.9	53.3	67.3	71.3	68.2
24	82.4	92.7	86.8	87.8	82.0	93.5	73.0	92.0	84.5	86.0	75.4
25	89.3	96.3	87.3	88.8	84.6	82.9	83.3	91.8	83.8	85.2	85.6
26	84.5	77.8	86.4	73.1	83.2	88.6	56.1	70.8	81.6	58.3	44.8
27	86.1	92.3	81.7	77.3	92.3	84.7	82.6	84.1	81.6	78.1	87.0

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

	36 M46R1	37 M47R1	38 M48R1	39 M49R1	40 S1R2	41 S5R2	42 S6R2	43 S8R2	44 S9R2	45 S14AR2	46 M1R2
1	86.3	54.2	88.8	85.2	77.6	86.3	73.3	85.8	69.1	74.5	85.9
2	76.4	54.4	75.5	73.3	82.5	69.7	86.8	66.9	61.4	67.1	82.8
3	89.8	89.3	90.3	93.1	87.7	90.8	87.1	91.4	77.2	91.3	90.3
4	85.3	97.1	87.0	89.8	98.2	93.5	96.6	96.8	89.6	92.1	97.9
5	82.4	81.5	91.4	90.0	96.8	94.6	81.6	90.6	78.0	96.3	77.8
6	70.8	93.1	91.8	72.3	74.6	82.6	71.5	78.1	52.7	80.3	69.3
7	81.6	78.8	95.1	81.8	64.4	82.1	75.3	77.2	61.8	81.5	80.9
8	90.5	97.6	96.0	94.6	92.8	96.9	87.6	81.6	79.4	92.5	94.6
9	95.7	98.5	92.4	90.7	95.2	92.1	97.9	95.0	88.3	98.0	96.3
10	81.6	92.6	89.3	90.7	91.6	86.8	75.0	76.5	70.1	92.6	73.5
11	78.1	90.0	86.0	61.4	85.2	80.8	75.0	78.8	77.9	76.2	77.8
12	55.5	86.2	41.8	90.6	55.2	49.5	57.2	56.5	87.9	51.5	75.1
13	56.8	77.1	83.1	57.7	81.4	66.3	70.1	67.3	62.4	68.3	62.0
14	96.2	75.6	96.9	65.3	98.6	96.3	93.6	94.6	82.5	77.6	83.1
15	75.8	96.6	88.8	59.3	73.8	73.3	71.1	69.1	69.6	66.1	71.3
16	82.3	74.8	91.2	82.1	82.1	83.9	82.0	62.1	78.1	81.1	68.0
17	74.0	76.9	77.8	94.6	67.1	62.7	76.6	62.9	61.5	69.5	82.3
18	64.1	68.3	75.8	79.0	56.1	77.1	80.5	66.1	74.3	72.3	75.3
19	84.7	83.1	84.0	87.1	85.5	84.9	81.1	76.1	78.6	83.0	86.2
20	81.8	81.9	82.0	77.8	75.1	81.8	72.2	77.3	78.3	75.8	78.4
21	80.4	78.2	81.5	77.3	95.4	82.3	87.8	69.0	76.8	82.1	78.3
22	78.1	51.6	81.7	42.3	54.2	63.3	74.6	65.8	44.1	82.4	77.3
23	86.1	72.6	72.0	77.1	78.2	71.1	66.5	64.2	68.9	75.5	72.2
24	75.7	83.8	87.5	77.9	82.0	85.0	81.5	82.1	81.3	83.1	85.3
25	89.1	88.8	94.6	92.5	85.7	84.8	84.1	88.6	90.0	95.9	90.6
26	83.8	77.1	82.6	57.5	67.3	49.0	71.8	71.3	63.5	82.6	73.1
27	88.6	89.3	85.9	90.7	83.6	77.8	84.5	84.6	77.2	87.8	81.4

	47 M2R2	48 M4R2	49 M5R2	50 M6R2	51 M10R2	52 M16AR2	53 M35R2	54 M36R2	55 M37R2	56 M38R2	57 M39R2
1	70.3	67.5	51.4	77.1	70.6	73.0	81.3	64.4	74.1	63.4	78.8
2	48.8	75.8	58.0	75.1	72.1	61.1	95.6	76.5	73.9	87.3	67.0
3	87.4	77.0	84.8	89.5	84.6	86.3	79.0	81.2	98.6	92.3	90.8
4	97.8	88.8	82.8	82.3	82.5	82.4	93.8	83.8	96.5	90.9	81.3
5	83.1	76.2	97.8	80.6	97.0	97.8	76.5	83.3	79.5	88.3	81.7
6	73.3	75.3	31.4	68.0	66.6	82.8	72.9	63.5	73.2	78.7	70.6
7	77.6	77.7	77.6	70.6	77.8	81.2	82.3	77.0	75.1	82.3	78.6
8	94.5	84.9	85.3	98.1	89.8	97.6	99.2	93.1	98.6	98.3	83.5
9	96.6	93.3	94.7	94.3	95.3	98.3	96.2	95.2	96.3	91.7	90.2
10	85.6	77.4	68.6	64.8	58.0	90.4	77.1	76.9	82.0	93.6	87.6
11	79.4	59.0	65.1	81.0	78.6	90.9	74.6	62.5	74.1	81.7	61.2
12	86.6	15.3	35.9	50.0	82.8	84.0	52.3	74.3	68.8	77.6	74.0
13	67.2	68.1	77.6	77.3	58.5	75.3	74.0	77.3	72.2	62.0	77.2
14	91.9	88.5	58.0	84.1	82.5	52.4	73.3	76.1	70.8	82.0	58.3
15	69.2	77.9	62.2	42.2	67.6	64.5	67.3	68.3	67.1	74.8	57.7
16	71.1	77.7	78.0	62.1	71.3	78.8	81.3	65.4	89.1	75.6	81.0
17	76.4	77.8	81.1	74.3	73.1	77.1	77.7	72.8	66.8	71.0	75.1
18	74.0	84.3	77.3	76.1	75.8	76.3	77.7	78.8	76.6	76.8	78.1
19	82.6	81.8	78.5	79.1	82.3	82.2	78.3	75.4	84.7	90.0	71.1
20	72.1	78.6	88.3	72.1	83.3	69.7	77.6	72.2	82.5	87.6	83.9
21	56.9	57.5	79.0	65.7	79.0	95.4	90.2	97.6	85.0	90.6	78.6
22	81.9	49.0	66.0	56.8	96.1	84.8	81.8	67.3	85.6	91.0	48.0
23	53.5	73.7	94.6	69.9	63.1	57.7	71.3	70.6	75.7	77.8	63.8
24	84.9	86.7	85.2	84.6	82.8	89.8	83.3	78.3	83.6	83.6	80.9
25	90.0	87.8	86.4	86.6	91.3	94.1	95.3	91.3	90.1	90.9	85.3
26	72.0	67.5	77.6	69.1	64.4	69.4	79.2	63.3	74.8	74.7	74.8
27	81.8	81.8	87.6	76.1	89.5	88.8	86.0	86.7	92.1	88.3	87.6

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

	58 M40R2	59 M41R2	60 M44R2	61 M45R2	62 M46R2	63 M47R2	64 M48R2	65 M49R2	66 SYSTEM	67 TEST	68 SOURCE
1	70.4	51.3	57.4	62.5	78.7	77.6	76.6	94.6	gal	brq	otoo
2	69.1	74.0	65.1	62.7	78.5	58.4	82.3	61.8	gal	brq	otoo
3	83.8	89.1	82.0	74.0	84.7	83.4	92.5	97.4	gal	brq	otoo
4	90.0	93.5	30.3	50.1	78.6	93.8	98.2	86.5	gal	brq	otoo
5	79.1	89.8	97.1	67.1	77.6	82.6	88.8	91.5	gal	brq	otoo
6	70.8	77.0	66.0	76.3	38.1	86.6	82.0	54.5	gal	brq	otoo
7	74.6	74.8	63.5	74.5	77.8	69.8	86.0	77.7	gal	brq	otoo
8	97.3	94.5	81.0	79.6	85.2	96.6	99.0	82.3	gal	brq	otoo
9	88.3	94.6	93.5	91.7	91.4	95.4	92.2	98.0	gal	brq	otoo
10	83.0	82.3	57.7	70.9	77.0	91.8	87.8	77.3	gal	brq	otoo
11	73.6	69.9	58.8	65.3	82.7	72.1	95.1	64.1	gal	brq	otoo
12	70.5	46.6	88.9	62.7	23.2	82.4	62.1	50.2	gal	brq	otoo
13	71.1	78.1	72.8	57.6	70.6	82.0	68.6	68.5	gal	brq	otoo
14	53.6	65.8	78.5	76.6	83.9	72.1	94.7	37.8	gal	brq	otoo
15	41.4	65.7	67.5	49.7	72.4	84.0	94.3	66.1	gal	brq	otoo
16	81.8	65.3	79.0	67.6	81.3	64.8	93.5	82.0	gal	brq	otoo
17	72.4	71.3	81.0	57.3	73.4	69.0	76.8	76.3	gal	brq	otoo
18	87.6	66.6	76.2	67.0	65.3	74.6	80.1	73.6	gal	brq	otoo
19	83.1	77.8	72.9	63.8	79.6	82.3	81.9	88.6	gal	brq	otoo
20	76.3	66.5	81.8	70.6	79.0	82.5	76.9	82.8	gal	brq	otoo
21	81.9	79.3	61.8	48.8	97.8	79.3	96.0	91.3	gal	brq	otoo
22	24.6	73.4	22.0	16.9	93.3	85.6	87.8	43.8	gal	brq	otoo
23	69.5	56.6	31.2	58.3	74.6	68.5	69.4	67.5	gal	brq	otoo
24	82.4	84.1	83.8	81.9	89.8	81.6	85.1	83.1	gal	brq	otoo
25	86.3	85.1	87.0	84.1	89.8	87.7	91.1	90.4	gal	brq	otoo
26	65.8	73.6	51.9	42.2	79.1	81.8	82.0	76.6	gal	brq	otoo
27	81.7	84.6	85.0	82.0	87.7	91.5	88.3	77.3	gal	brq	otoo

	69 ID	70 MONTH	71 DAY	72 YEAR	73 SESSION	74 SEAT	75 TAPE_O	76 AGE	77 SEX	78 CITIZEN	79 S1R1
1	2639	6	23	95	1	1	1	23	2	1	69.9
2	2640	6	23	95	1	2	1	22	2	1	68.3
3	2641	6	23	95	1	3	1	18	1	1	85.0
4	2642	6	23	95	1	4	1	20	1	1	98.0
5	2644	6	23	95	2	2	1	35	2	3	96.6
6	2645	6	23	95	2	3	1	25	1	1	90.1
7	2646	6	23	95	2	4	1	21	1	1	81.8
8	2647	6	23	95	2	5	1	19	1	1	96.5
9	2648	6	26	95	1	1	1	23	1	1	96.9
10	2649	6	26	95	1	2	1	23	2	1	83.3
11	2650	6	26	95	1	3	1	22	1	1	91.8
12	2651	6	26	95	1	4	1	20	2	1	62.7
13	2652	6	26	95	1	5	1	36	1	1	62.5
14	2653	6	26	95	2	1	2	36	2	1	94.4
15	2654	6	26	95	2	2	2	20	2	3	78.5
16	2655	6	26	95	2	3	2	20	2	1	86.3
17	2656	6	26	95	2	4	2	20	2	1	94.9
18	2657	6	26	95	2	5	2	22	1	1	77.8
19	2658	6	27	95	1	5	2	21	2	1	84.6
20	2659	6	27	95	1	2	2	21	2	1	75.5
21	2660	6	27	95	1	3	2	20	1	1	98.7
22	2661	6	27	95	1	4	2	20	2	1	65.0
23	2662	6	27	95	1	1	2	21	1	3	75.6
24	2663	6	27	95	2	2	2	23	1	1	84.0
25	2664	6	27	95	2	3	2	21	1	1	81.1
26	2665	6	27	95	2	4	2	20	1	1	76.6
27	2666	6	27	95	2	5	2	29	1	1	81.3

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

	80 S5R1	81 S6R1	82 S8R1	83 S9R1	84 S14AR1	85 M1R1	86 M2R1	87 M4R1	88 M5R1	89 M6R1	90 M10R1
1	88.0	77.6	84.5	68.8	84.4	82.5	48.7	53.7	25.7	64.6	55.6
2	76.3	67.1	76.6	58.0	75.9	82.6	49.3	53.8	27.7	71.2	78.0
3	89.7	82.2	91.0	87.1	94.5	84.6	84.1	87.2	86.0	96.1	85.1
4	86.3	89.5	93.3	93.7	96.1	98.7	97.8	85.8	55.9	85.6	90.1
5	88.1	79.1	98.1	61.6	97.4	77.5	86.1	74.6	97.1	78.3	96.4
6	88.1	79.3	95.0	56.0	91.1	69.1	73.1	70.1	34.0	81.1	72.8
7	75.1	77.9	78.8	68.6	86.7	66.8	61.8	70.7	77.5	78.4	81.4
8	85.3	92.5	85.5	78.8	92.0	96.1	95.1	88.7	94.0	90.8	96.3
9	92.5	84.6	93.6	74.0	96.5	93.1	92.3	90.3	93.3	90.6	97.0
10	85.8	82.3	81.0	75.8	82.9	83.1	77.0	78.0	74.9	78.1	85.5
11	81.6	74.5	87.8	82.8	81.3	72.8	74.3	61.8	54.0	73.8	77.8
12	75.8	56.6	36.0	42.4	34.2	55.8	70.0	16.6	34.6	63.2	49.6
13	58.0	46.3	73.0	62.0	69.8	68.2	73.0	43.2	62.8	69.7	73.2
14	97.6	97.1	97.4	90.5	78.3	87.3	76.5	58.0	57.5	63.1	81.5
15	83.8	68.8	81.6	78.5	77.8	83.1	62.6	60.8	16.4	76.8	68.8
16	81.6	85.1	72.6	66.9	57.3	71.6	81.9	76.8	61.7	81.3	82.4
17	63.5	82.0	67.2	74.8	90.8	88.2	81.6	63.3	67.3	74.5	82.6
18	63.4	72.6	65.2	67.4	76.7	69.1	62.5	57.0	66.4	74.0	75.6
19	88.8	83.1	78.1	81.8	81.6	84.0	84.0	78.5	83.0	82.1	81.5
20	81.6	67.5	78.2	82.4	78.6	73.2	78.7	57.7	71.8	75.9	85.6
21	73.4	88.8	84.7	78.1	75.4	55.2	56.1	67.6	66.7	72.8	81.6
22	71.8	74.1	42.3	37.0	72.1	84.7	88.8	32.7	69.5	62.8	85.1
23	73.1	68.4	69.0	67.9	73.8	72.3	70.6	71.7	70.3	71.1	65.3
24	85.8	90.8	87.6	77.3	86.0	91.5	88.1	81.8	82.0	87.0	82.0
25	84.7	83.4	83.6	84.8	92.6	77.1	82.3	81.5	71.1	77.0	89.0
26	82.6	68.8	79.1	72.9	59.1	78.0	64.4	63.8	50.0	72.0	76.0
27	78.3	88.1	77.8	81.0	81.5	77.9	82.1	78.2	81.3	77.8	83.6

	91 M16AR1	92 M35R1	93 M36R1	94 M37R1	95 M38R1	96 M39R1	97 M40R1	98 M41R1	99 M44R1	100 M45R1	101 M46R1
1	56.3	62.0	75.7	36.2	69.6	56.6	41.4	69.6	61.3	57.1	91.3
2	49.6	76.6	68.1	32.0	85.3	55.4	29.4	66.2	53.0	56.1	82.6
3	89.0	89.2	89.6	89.9	92.8	83.3	88.5	85.3	71.1	71.2	90.3
4	76.2	94.3	90.8	83.8	96.5	76.8	84.0	90.1	36.2	49.4	85.3
5	97.1	61.4	81.5	81.2	91.2	75.0	81.6	91.8	96.8	62.6	82.4
6	68.5	74.3	79.6	77.0	75.7	74.7	70.3	79.6	63.3	78.5	67.3
7	94.1	75.7	92.5	72.0	73.8	75.4	62.8	70.1	81.1	84.0	84.0
8	86.0	97.8	89.1	92.7	92.1	94.8	93.7	94.4	82.1	76.0	89.1
9	99.0	98.1	95.8	92.8	95.7	94.5	73.9	97.0	91.6	87.4	96.6
10	87.3	85.0	82.6	84.4	82.3	81.5	87.8	85.0	80.7	83.8	90.3
11	78.3	75.1	69.8	75.3	71.5	63.7	59.0	73.6	71.6	53.6	77.3
12	82.4	29.3	28.9	15.4	41.5	11.4	11.2	70.1	56.5	35.6	71.2
13	81.8	57.6	68.8	65.6	75.3	69.9	62.2	82.6	50.6	65.0	62.0
14	67.3	82.2	78.1	97.7	97.3	78.6	97.1	63.8	78.6	75.8	95.1
15	80.5	70.5	81.3	57.0	82.6	61.5	52.6	82.8	62.3	63.2	71.1
16	81.6	93.6	76.4	80.8	72.3	58.8	37.6	87.0	85.1	45.8	81.8
17	58.5	72.4	78.5	62.6	71.6	86.8	92.0	77.6	73.4	78.1	85.0
18	74.6	63.5	63.6	80.0	72.3	57.3	81.5	60.3	59.8	57.3	79.6
19	78.7	71.5	75.8	85.4	82.3	79.1	81.8	78.4	66.5	63.4	83.1
20	77.0	71.0	61.6	73.1	82.7	70.5	76.6	88.5	76.8	58.1	66.6
21	74.6	89.8	76.3	70.2	68.3	75.6	64.1	83.3	69.5	56.3	81.8
22	81.5	76.5	74.3	92.6	37.8	61.8	65.8	62.7	38.1	17.7	76.1
23	68.1	70.3	74.6	74.3	64.0	74.7	53.8	67.7	71.7	74.1	82.6
24	85.9	89.3	84.5	81.3	87.2	75.6	75.4	84.8	90.2	74.3	72.8
25	85.6	82.1	78.4	81.4	68.6	87.9	76.8	84.0	81.8	90.0	77.8
26	85.1	82.5	59.1	77.3	57.8	66.8	65.0	78.0	49.9	52.1	86.6
27	82.3	84.6	85.3	94.1	77.6	86.4	83.1	87.8	83.5	89.3	86.1

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

	102 M47R1	103 M48R1	104 M49R1	105 S1R2	106 S5R2	107 S6R2	108 S8R2	109 S9R2	110 S14AR2	111 M1R2	112 M2R2
1	56.9	93.6	84.3	82.1	86.6	73.3	86.0	77.6	74.3	58.3	38.5
2	46.3	70.5	73.6	78.2	75.2	83.3	71.3	66.8	71.6	81.3	43.5
3	89.6	90.9	86.1	87.8	91.0	91.4	91.0	77.0	90.7	90.5	87.8
4	97.6	86.8	90.4	98.4	93.8	96.4	96.8	89.0	92.1	98.3	97.6
5	81.9	91.3	90.0	97.1	96.8	83.3	90.8	78.3	94.7	77.8	84.0
6	86.0	87.9	69.5	77.4	87.6	76.2	74.0	55.2	76.6	72.3	73.1
7	72.6	95.3	58.3	76.0	84.3	75.7	78.3	63.3	81.1	72.3	61.6
8	95.3	96.8	92.1	95.3	96.9	90.0	83.6	81.8	88.1	93.2	93.6
9	98.7	91.8	90.8	93.6	91.4	97.8	95.3	90.3	96.9	97.8	95.6
10	92.3	89.4	78.3	89.1	84.3	68.6	71.6	76.6	82.0	66.1	78.0
11	96.1	91.3	38.6	84.5	82.6	75.7	82.0	78.5	75.3	66.6	65.5
12	53.9	71.5	35.3	75.3	36.8	73.2	68.4	82.3	69.6	85.5	82.7
13	82.6	77.6	62.1	64.8	71.1	76.8	63.7	57.0	63.5	64.6	64.8
14	71.7	96.8	64.7	98.3	96.1	95.0	94.8	83.0	77.6	83.4	85.3
15	93.6	88.8	56.5	73.5	73.4	70.9	69.1	69.6	66.2	68.6	61.0
16	58.7	90.6	36.6	82.6	84.1	81.6	72.3	75.3	80.8	62.8	58.0
17	95.6	85.4	65.5	61.6	78.3	62.6	78.2	75.6	62.1	75.3	79.0
18	69.1	69.6	64.1	75.2	65.8	75.3	69.8	79.6	62.6	73.8	77.3
19	85.4	85.3	85.3	83.8	84.8	79.3	76.3	79.6	84.2	86.0	83.0
20	74.0	69.2	62.9	76.3	76.7	70.1	81.6	76.6	78.6	82.4	72.3
21	82.5	92.1	62.2	86.3	84.1	96.6	61.0	62.1	92.1	66.8	46.7
22	55.7	82.1	17.8	54.4	63.2	74.3	78.1	41.3	82.3	77.5	81.1
23	65.9	72.1	71.2	78.1	71.6	72.1	64.5	73.2	75.3	71.5	53.5
24	83.2	83.3	75.8	83.8	82.3	84.4	81.9	85.1	82.1	83.1	82.7
25	85.6	87.8	75.1	85.6	82.5	83.8	89.0	90.0	95.8	82.7	83.6
26	87.6	97.3	22.3	74.3	59.5	70.0	74.8	69.8	75.8	83.3	62.6
27	94.8	91.0	86.5	85.0	81.8	82.6	82.1	82.3	85.7	82.8	84.3

	113 M4R2	114 M5R2	115 M6R2	116 M10R2	117 M16AR2	118 M35R2	119 M36R2	120 M37R2	121 M38R2	122 M39R2	123 M40R2
1	26.1	27.1	71.6	66.9	75.0	58.4	48.8	33.1	56.9	63.2	31.2
2	71.1	49.0	68.7	64.0	64.8	91.1	72.3	50.1	83.8	57.9	63.6
3	77.1	83.3	89.3	84.0	88.5	74.6	82.1	94.1	90.3	90.3	80.9
4	88.8	82.2	82.1	82.4	82.1	93.7	83.3	96.3	90.8	81.3	90.5
5	77.2	95.2	80.6	97.1	95.1	74.1	83.1	77.3	85.1	82.6	76.3
6	69.5	42.9	63.2	69.9	80.1	68.3	69.2	77.4	77.6	74.8	75.1
7	69.8	63.8	62.1	70.1	86.8	78.0	62.5	70.5	78.1	67.6	61.9
8	81.8	83.8	96.0	91.8	94.8	99.2	94.1	99.1	95.1	84.6	98.3
9	92.7	96.1	95.1	93.8	98.3	96.3	95.2	92.1	93.3	89.8	89.1
10	64.8	62.1	62.3	55.2	83.1	76.0	57.7	70.1	77.1	76.8	74.5
11	57.9	47.3	75.8	79.1	90.8	69.7	61.2	59.1	72.2	58.5	77.1
12	30.7	44.0	81.8	43.7	77.6	65.2	67.8	47.9	85.6	70.3	71.2
13	64.1	74.8	70.0	62.3	70.8	71.3	75.4	78.1	68.9	69.1	74.2
14	76.0	55.7	84.9	78.5	52.9	73.0	76.2	70.5	77.0	58.5	53.1
15	71.1	54.2	40.7	68.2	64.6	64.1	68.7	40.7	74.6	57.8	38.0
16	72.0	73.3	56.8	61.8	79.0	62.1	63.8	78.6	73.8	76.1	44.2
17	58.1	57.7	58.2	78.2	69.4	70.1	61.8	61.8	81.4	68.1	60.9
18	76.6	68.8	60.4	73.0	71.1	69.3	63.3	71.8	65.8	67.6	71.0
19	81.9	78.8	79.4	82.8	84.0	79.0	75.1	84.0	84.3	70.5	81.7
20	71.4	76.9	74.5	82.1	68.6	68.6	69.5	77.1	71.3	73.6	72.8
21	51.2	71.1	56.3	63.7	77.2	71.1	68.6	68.8	61.1	67.1	61.7
22	49.1	63.9	58.8	95.9	84.6	77.2	73.6	85.6	75.9	48.0	33.7
23	66.8	95.1	70.8	63.4	57.7	71.6	70.6	75.9	77.3	64.3	64.6
24	84.9	77.2	82.3	84.6	77.9	83.1	78.4	83.3	83.9	81.8	84.0
25	83.6	83.3	83.3	86.1	88.1	82.6	91.3	76.6	81.6	87.3	72.0
26	69.4	64.1	68.7	57.0	81.1	77.1	68.5	65.3	58.4	82.1	57.3
27	77.3	89.5	7[illegible].8	91.1	90.6	84.1	84.8	89.7	90.3	89.3	77.6

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

	124 M41R2	125 M44R2	126 M45R2	127 M46R2	128 M47R2	129 M48R2	130 M49R2
1	47.0	62.1	64.0	78.3	82.7	72.7	29.4
2	77.1	62.8	57.1	63.7	64.1	81.3	57.3
3	89.6	82.1	74.0	84.3	83.3	92.8	82.1
4	93.8	30.8	49.8	78.3	94.1	98.6	86.6
5	89.3	97.0	67.3	78.6	82.6	88.8	87.1
6	73.3	61.8	79.6	44.3	81.8	85.1	57.3
7	73.6	61.7	70.0	77.8	63.0	86.0	42.5
8	94.7	83.7	78.2	82.3	96.1	97.8	80.6
9	95.7	94.6	94.0	90.6	95.6	93.1	96.3
10	76.1	66.5	68.1	72.8	91.8	85.2	44.8
11	65.1	59.3	66.1	81.6	69.4	94.6	33.8
12	72.6	71.9	36.3	65.0	50.1	81.1	65.1
13	73.4	75.1	63.3	74.2	77.5	70.8	62.4
14	65.3	78.3	76.2	83.0	72.1	94.5	38.4
15	66.3	67.6	54.7	72.1	84.0	94.1	36.2
16	64.6	76.8	69.5	81.1	64.3	93.4	57.6
17	73.1	72.8	64.6	67.3	58.5	72.5	58.6
18	72.8	62.9	72.3	74.7	72.9	80.0	50.6
19	77.9	72.0	63.6	79.1	82.0	82.6	88.8
20	64.2	81.9	65.6	77.8	78.3	79.1	59.0
21	61.1	56.5	54.1	81.6	69.6	87.9	41.4
22	73.3	15.9	14.0	93.2	85.6	87.8	14.6
23	56.6	34.7	53.8	74.1	72.3	69.1	54.7
24	83.9	82.8	84.1	85.5	83.4	84.9	64.7
25	84.8	86.9	81.1	85.1	87.3	90.9	71.6
26	68.3	45.3	29.4	77.9	73.2	65.1	38.3
27	82.6	81.8	85.3	86.1	90.2	86.7	78.5

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

BASIC RECEIVED QUALITY
1080I
PRELIMINARY ANOVA

This section presents the results of the preliminary ANOVAs, conducted separately on the Reference and Test sequences, for the 1080I Basic Received Quality test.

The three design factors contributing to the assessments of the Reference and Test are assigned numerical indices as follows: 1 = Tape Order, 2 = Replicate and 3 = 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.

BASIC RECEIVED QUALITY
1080I
PRELIMINARY ANOVA - REFERENCE

STAT. GENERAL MANOVA — Summary of all Effects; design: (gaintrvt.sta) 1-TAPE_ORD, 2-REPLICAT, 3-PICTURE

Effect	df Effect	MS Effect	df Error	MS Error	F	p-level
1	1	922.659	25	3401.261	.271270	.607064
2	1	558.137	25	146.223	3.817017	.062011
3*	25*	1009.172*	625*	128.426*	7.857991*	.000000*
12	1	142.304	25	146.223	.973197	.333336
13	25	138.363	625	128.426	1.077376	.363319
23	25	71.772	625	57.689	1.244119	.192080
123*	25*	104.877*	625*	57.689*	1.817976*	.009110*

STAT. GENERAL MANOVA — Means (gaintrvt.sta) F(1,25)=.27; p<.6071

TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
1	....	....	78.82744
2	....	....	77.20502

STAT. GENERAL MANOVA — Means (unweighted) (gaintrvt.sta) F(1,25)=3.82; p<.0620

TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
....	1	....	78.64716
....	2	....	77.38529

STAT. GENERAL MANOVA	Means (unweighted) (gaintrvt.sta) F(25,625)=7.86; p<.0000
TAPE_ORD REPLICAT PICTURE	Depend. Var.1
.... 1	81.21106
.... 2	80.51965
.... 3	77.99629
.... 4	79.27294
.... 5	73.54361
.... 6	80.90735
.... 7	79.96964
.... 8	78.65048
.... 9	73.72582
.... 10	73.96882
.... 11	75.82431
.... 12	81.02219
.... 13	80.99313
.... 14	80.02830
.... 15	78.53008
.... 16	81.64554
.... 17	84.17122
.... 18	74.67940
.... 19	77.53104
.... 20	76.99952
.... 21	69.44148
.... 22	65.46909
.... 23	78.82218
.... 24	80.94650
.... 25	85.18166
.... 26	77.37061

STAT. GENERAL MANOVA	Means (gaintrvt.sta) F(1,25)=.97; p<.3333
TAPE_ORD REPLICAT PICTURE	Depend. Var.1
1 1	79.13979
1 2	78.51509
2 1	78.15453
2 2	76.25549

STAT. GENERAL MANOVA			Means (gaintrvt.sta) F(25,625)=1.08; p<.3633
TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
1	....	1	83.13461
1	....	2	81.90000
1	....	3	77.92115
1	....	4	81.59231
1	....	5	72.34615
1	....	6	83.28077
1	....	7	81.42500
1	....	8	80.06346
1	....	9	72.87308
1	....	10	71.72692
1	....	11	78.25577
1	....	12	81.82115
1	....	13	82.60769
1	....	14	79.36731
1	....	15	80.04230
1	....	16	80.50000
1	....	17	86.11923
1	....	18	75.94807
1	....	19	77.59423
1	....	20	79.06154
1	....	21	68.86154
1	....	22	68.75961
1	....	23	75.94615
1	....	24	83.17693
1	....	25	85.36154
1	....	26	79.82692
2	...	1	79.28750
2	...	2	79.13928
2	....	3	78.07143
2	....	4	76.95358
2	....	5	74.74107
2	....	6	78.53393
2	....	7	78.51428
2	....	8	77.23750
2	....	9	74.57858
2	....	10	76.21072
2	....	11	73.39286
2	....	12	80.22321
2	....	13	79.37857
2	....	14	80.68929
2	....	15	77.01786
2	....	16	82.79107
2	....	17	82.22321
2	....	18	73.41071
2	....	19	77.46786
2	....	20	74.93750
2	....	21	70.02143
2	....	22	62.17857
2	....	23	81.69821
2	....	24	78.71607
2	....	25	85.00179
2	....	26	74.91428

STAT. GENERAL MANOVA	Means (unweighted) (gaintrvt.sta) F(25,625)=1.24; p<.1921

TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
....	1	1	82.04684
....	1	2	81.48558
....	1	3	76.62637
....	1	4	81.52610
....	1	5	73.73489
....	1	6	81.15783
....	1	7	79.62624
....	1	8	79.18352
....	1	9	73.20082
....	1	10	73.62761
....	1	11	77.18503
....	1	12	84.02610
....	1	13	81.02940
....	1	14	79.48448
....	1	15	80.24547
....	1	16	82.25522
....	1	17	85.25824
....	1	18	73.46827
....	1	19	80.48104
....	1	20	78.67569
....	1	21	69.45907
....	1	22	65.56937
....	1	23	80.37624
....	1	24	81.16456
....	1	25	84.85357
....	1	26	79.07871
....	2	1	80.37527
....	2	2	79.55371
....	2	3	79.36621
....	2	4	77.01978
....	2	5	73.35233
....	2	6	80.65687
....	2	7	80.31305
....	2	8	78.11745
....	2	9	74.25082
....	2	10	74.31003
....	2	11	74.46360
....	2	12	78.01827
....	2	13	80.95687
....	2	14	80.57211
....	2	15	76.81470
....	2	16	81.03585
....	2	17	83.08421
....	2	18	75.89052
....	2	19	74.58105
....	2	20	75.32335
....	2	21	69.42390
....	2	22	65.36882
....	2	23	77.26814
....	2	24	80.72843
....	2	25	85.50975
....	2	26	75.66250

STAT. GENERAL MANOVA			Means (gaintrvt.sta) F(25,625)=1.82; p<.0091
TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
1	1	1	83.71154
1	1	2	81.34615
1	1	3	76.23846
1	1	4	82.98077
1	1	5	71.17693
1	1	6	84.86923
1	1	7	80.98462
1	1	8	79.48846
1	1	9	73.72308
1	1	10	73.37308
1	1	11	78.93077
1	1	12	85.63077
1	1	13	80.52308
1	1	14	77.61539
1	1	15	82.47308
1	1	16	79.24615
1	1	17	88.53077
1	1	18	73.26154
1	1	19	76.61923
1	1	20	80.01923
1	1	21	67.40385
1	1	22	68.69231
1	1	23	79.28461
1	1	24	83.85769
1	1	25	85.25000
1	1	26	82.40385
1	2	1	82.55769
1	2	2	82.45385
1	2	3	79.60384
1	2	4	80.20385
1	2	5	73.51538
1	2	6	81.69231
1	2	7	81.86539
1	2	8	80.63846
1	2	9	72.02308
1	2	10	70.08077
1	2	11	77.58077
1	2	12	78.01154
1	2	13	84.69231
1	2	14	81.11923
1	2	15	77.61154
1	2	16	81.75385
1	2	17	83.70770
1	2	18	78.63461
1	2	19	78.56923
1	2	20	78.10384
1	2	21	70.31923
1	2	22	68.82692
1	2	23	72.60769
1	2	24	82.49615
1	2	25	85.47308
1	2	26	77.25000

STAT. GENERAL MANOVA			Means (gaintrvt.sta) F(25,625)=1.82; p<.0091
TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
2	1	1	80.38214
2	1	2	81.62500
2	1	3	77.01428
2	1	4	80.07143
2	1	5	76.29285
2	1	6	77.44643
2	1	7	78.26786
2	1	8	78.87857
2	1	9	72.67857
2	1	10	73.88214
2	1	11	75.43929
2	1	12	82.42142
2	1	13	81.53571
2	1	14	81.35357
2	1	15	78.01786
2	1	16	85.26428
2	1	17	81.98572
2	1	18	73.67500
2	1	19	84.34286
2	1	20	77.33215
2	1	21	71.51428
2	1	22	62.44643
2	1	23	81.46786
2	1	24	78.47143
2	1	25	84.45715
2	1	26	75.75357
2	2	1	78.19286
2	2	2	76.65357
2	2	3	79.12857
2	2	4	73.83572
2	2	5	73.18929
2	2	6	79.62143
2	2	7	78.76071
2	2	8	75.59643
2	2	9	76.47857
2	2	10	78.53928
2	2	11	71.34643
2	2	12	78.02500
2	2	13	77.22143
2	2	14	80.02500
2	2	15	76.01786
2	2	16	80.31786
2	2	17	82.46072
2	2	18	73.14643
2	2	19	70.59286
2	2	20	72.54285
2	2	21	68.52857
2	2	22	61.91071
2	2	23	81.92857
2	2	24	78.96072
2	2	25	85.54642
2	2	26	74.07500

BASIC RECEIVED QUALITY

10801

PRELIMINARY ANOVA - TEST

STAT. GENERAL MANOVA — Summary of all Effects; design: (gaintrvt.sta) 1-TAPE_ORD, 2-REPLICAT, 3-PICTURE

Effect	df Effect	MS Effect	df Error	MS Error	F	p-level
1	1	1526.759	25	4469.258	.34161	.564137
2	1	419.552	25	414.930	1.01114	.324264
3*	25*	1756.670*	625*	153.935*	11.41175*	0.000000*
12	1	447.458	25	414.930	1.07839	.308997
13	25	182.445	625	153.935	1.18521	.244431
23*	25*	101.035*	625*	58.997*	1.71256*	.017247*
123*	25*	100.064*	625*	58.997*	1.69610*	.019003*

STAT. GENERAL MANOVA — Means (gaintrvt.sta) F(1,25)=.34; p<.5641

TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
1	....	....	76.12234
2	....	....	74.03530

STAT. GENERAL MANOVA — Means (unweighted) (gaintrvt.sta) F(1,25)=1.01; p<.3243

TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
....	1	....	75.62585
....	2	....	74.53179

STAT. GENERAL MANOVA	Means (unweighted) (gaintrvt.sta) F(25,625)=11.41; p<0.000
TAPE_ORD REPLICAT PICTURE	Depend. Var.1
.... 1	82.20048
.... 2	80.50515
.... 3	79.03441
.... 4	79.07122
.... 5	73.42960
.... 6	80.11154
.... 7	78.33057
.... 8	74.43434
.... 9	67.83077
.... 10	66.45502
.... 11	74.55920
.... 12	77.48386
.... 13	79.01841
.... 14	76.38894
.... 15	74.61772
.... 16	73.61154
.... 17	77.47143
.... 18	72.09972
.... 19	68.28098
.... 20	77.10412
.... 21	68.70096
.... 22	64.71635
.... 23	79.34100
.... 24	78.90790
.... 25	85.65247
.... 26	62.69162

STAT. GENERAL MANOVA	Means (gaintrvt.sta) F(1,25)=1.08; p<.3090
TAPE_ORD REPLICAT PICTURE	Depend. Var.1
1 1	76.10444
1 2	76.14024
2 1	75.14725
2 2	72.92336

STAT. GENERAL MANOVA			Means (gaintrvt.sta) F(25,625)=1.19; p<.2444
TAPE_ORD	REPLICAT	PICTURE	Depend. Var.1
1	....	1	83.93846
1	....	2	82.64423
1	....	3	78.88846
1	....	4	81.79423
1	....	5	72.42885
1	....	6	82.27308
1	....	7	79.05577
1	....	8	74.93654
1	....	9	67.13654
1	....	10	64.19038
1	....	11	77.65769
1	....	12	76.87308
1	....	13	82.04038
1	....	14	76.61539
1	....	15	75.59615
1	....	16	70.89808
1	....	17	80.70000
1	....	18	72.29230
1	....	19	69.59231
1	....	20	79.86539
1	....	21	69.42693
1	....	22	66.45770
1	....	23	78.52308
1	....	24	80.07115
1	....	25	87.01923
1	....	26	68.26538
2	....	1	80.46250
2	....	2	78.36607
2	....	3	79.18036
2	....	4	76.34821
2	....	5	74.43036
2	....	6	77.95000
2	....	7	77.60535
2	....	8	73.93214
2	....	9	68.52500
2	....	10	68.71964
2	....	11	71.46072
2	....	12	78.09464
2	....	13	75.99643
2	....	14	76.16250
2	....	15	73.63928
2	....	16	76.32500
2	....	17	74.24286
2	....	18	71.90714
2	....	19	66.96964
2	....	20	74.34286
2	....	21	67.97500
2	....	22	62.97500
2	....	23	80.15893
2	....	24	77.74464
2	....	25	84.28571
2	....	26	57.11786

STAT. GENERAL MANOVA	Means (unweighted) (gaintrvt.sta) F(25,625)=1.71; p<.0172	
TAPE_ORD REPLICAT PICTURE	Depend. Var.1	
.... 1 1	82.87006	
.... 1 2	80.81964	
.... 1 3	77.99107	
.... 1 4	79.32019	
.... 1 5	72.16827	
.... 1 6	80.26346	
.... 1 7	78.69684	
.... 1 8	75.63969	
.... 1 9	66.81964	
.... 1 10	64.11374	
.... 1 11	76.72266	
.... 1 12	79.95852	
.... 1 13	78.81676	
.... 1 14	76.81580	
.... 1 15	76.37363	
.... 1 16	74.10535	
.... 1 17	76.63406	
.... 1 18	71.58077	
.... 1 19	68.34286	
.... 1 20	79.39712	
.... 1 21	69.70564	
.... 1 22	65.05193	
.... 1 23	81.35494	
.... 1 24	79.77885	
.... 1 25	86.18832	
.... 1 26	66.74217	
.... 2 1	81.53091	
.... 2 2	80.19066	
.... 2 3	80.07774	
.... 2 4	78.82225	
.... 2 5	74.69093	
.... 2 6	79.95962	
.... 2 7	77.96429	
.... 2 8	73.22898	
.... 2 9	68.84190	
.... 2 10	68.79629	
.... 2 11	72.39574	
.... 2 12	75.00920	
.... 2 13	79.22005	
.... 2 14	75.96209	
.... 2 15	72.86182	
.... 2 16	73.11772	
.... 2 17	78.30879	
.... 2 18	72.61868	
.... 2 19	68.21909	
.... 2 20	74.81113	
.... 2 21	67.69629	
.... 2 22	64.38077	
.... 2 23	77.32706	
.... 2 24	78.03695	
.... 2 25	85.11662	
.... 2 26	58.64107	