

Disk No	1193	1193	1195	1195	1192	1192	3085	3085	1194	1194	5571
Note											
Duration	63:01	63:01	63:01	63:01	63:01	63:01	63:00	63:00	62:58	62:58	74:06
Dur	63	63	63	63	63	63	63	63	63	63	74
Tester	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
Tester No	1	2	1	2	1	2	1	2	1	2	1
Recorder	S1X	S1X	S1X	S1X	S2X	S2X	KODAK	KODAK	JVC	JVC	S2X
Recorder No	1	1	1	1	2	2	3	3	4	4	2
Cal Type	Al. Cal.		Al. Cal.	Al.	Al. Cal.						
Vendor No	1	1	1	1	1	1	1	1	1	1	1
	1	2	3	4	5	6	7	8	9	10	11
SLD	45.2	44.6	44.9	44.9	44.9	44.9	45.0	44.6	45	44.7	45.0
SPD	49.6	49.6	49.6	49.6	49.8	49.8	49.7	49.6	49.7	49.8	49.8
MID	114.9	114.8	114.9	114.9	115	115.0	114.9	114.9	114.9	115	115.9
SVY	1.39	1.39	1.38	1.38	1.37	1.38	1.38	1.39	1.38	1.39	1.18
TRP	1.60	1.60	1.62	1.62	1.63	1.61	1.62	1.61	1.62	1.6	1.63
ECC	30	29	33	19	27	23	13	10	32	24	18
PP-MIN	0.074	0.069	0.075	0.068	0.070	0.061	0.070	0.065	0.073	0.073	0.072
PP-MAX	0.082	0.081	0.083	0.077	0.075	0.072	0.075	0.073	0.078	0.080	0.078
PP-AVG	0.078	0.075	0.079	0.073	0.073	0.067	0.073	0.070	0.075	0.077	0.076
XT-MIN	21	21	21	22	25	25	19	19	27	27	21
XT-MAX	23	22	23	24	26	28	23	21	30	30	24
XT-AVG	22	22	22	23	25	26	20	20	28	28	22
DEV-MIN	0.10	-0.10	0.10	-0.06	0.10	-0.03	0.10	-0.05	0.10	-0.09	0.10
DEV-MAX	0.25	0.06	0.25	0.05	0.27	0.08	0.23	0.08	0.22	0.03	0.30
DEV-AVG	0.14	-0.01	0.15	0.00	0.15	0.02	0.14	0.01	0.14	-0.03	0.16
DEFL-MIN	-0.4	-0.3	-0.4	-0.3	-0.5	-0.3	-0.5	-0.2	-0.5	-0.2	-0.4
DEFL-MAX	0.0	0.3	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0
DEFL-AVG	-0.2	0.0	-0.2	0.0	-0.3	-0.1	-0.3	0.0	-0.3	0.0	-0.2
BLER-MIN Val	0	0	0	0	0	0	0	0	0	0	0
BLER-MIN Loc	00 03 00	00 08 00	00 11 00	00 11 00	00 05 00	00 05 00	00 03 00	00 05 00	00 06 00	00 05 00	01 24 00
BLER-MIN Loc	0.05	0.13	0.18	0.18	0.08	0.08	0.05	0.08	0.10	0.08	1.40
BLER-MAX Val	27	27	28	28	33	33	25	25	63	159	56
BLER-MAX Loc	16 25 00	16 25 00	15 11 00	15 11 00	05 09 00	05 09 00	43 59 00	43 58 00	41 07 00	54 53 00	12 25 00
BLER-MAX Loc	16.42	16.42	15.18	15.18	5.15	5.15	43.98	43.97	41.12	54.88	12.42
BLER-AVG Val	4	4	4	4	3	3	1	1	3	5	8
E11-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E11-MIN Loc	00 03 00	00 03 00	00 11 00	00 11 00	00 05 00	00 05 00	00 03 00	00 05 00	00 06 00	00 05 00	00 03 00
E11-MIN Loc	0.05	0.05	0.18	0.18	0.08	0.08	0.05	0.08	0.10	0.08	0.05
E11-MAX Val	27	25	22	21	23	24	18	16	26	22	35
E11-MAX Loc	16 25 00	16 25 00	24 04 00	36 17 00	06 03 00	29 48 00	26 22 00	38 01 00	27 12 00	14 26 00	12 25 00
E11-MAX Loc	16.42	16.42	24.07	36.28	6.05	29.80	26.37	38.02	27.20	14.43	12.42
E11-AVG Val	3	3	3	3	3	2	1	1	3	3	6
E21-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E21-MIN Loc	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
E21-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
E21-MAX Val	9	8	10	11	11	10	9	7	11	10	11
E21-MAX Loc	08 48 00	08 48 00	11 18 00	34 47 00	05 55 00	05 55 00	01 44 00	19 26 00	05 54 00	09 27 00	08 56 00
E21-MAX Loc	8.80	8.80	11.30	34.78	5.92	5.92	1.73	19.43	5.90	9.45	8.93
E21-AVG Val	0	0	0	0	0	0	0	0	0	0	0

E31-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E31-MIN Loc	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 06 00
E31-MIN Loc	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10
E31-MAX Val	13	11	17	16	18	21	19	19	49	150	27
E31-MAX Loc	19 23 00	19 23 00	15 11 00	03 44 00	19 28 00	19 28 00	03 15 00	03 15 00	41 07 00	58 16 00	09 50 00
E31-MAX Loc	19.38	19.38	15.18	3.73	19.47	19.47	3.25	3.25	41.12	58.27	9.83
E31-AVG Val	0	0	0	0	0	0	0	0	0	1	1
E12-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E12-MIN Loc	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 06 00
E12-MIN Loc	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10
E12-MAX Val	96	95	143	145	137	170	146	172	122	148	224
E12-MAX Loc	07 28 00	07 28 00	15 11 00	03 45 00	19 28 00	19 28 00	03 16 00	03 15 00	09 45 00	19 10 00	09 51 00
E12-MAX Loc	7.47	7.47	15.18	3.75	19.47	19.47	3.27	3.25	9.75	19.17	9.85
E12-AVG Val	2	4	3	4	2	2	1	2	2	12	11
E22-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E22-MIN Loc	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
E22-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
E22-MAX Val	0	12	2	5	0	0	11	11	85	53	28
E22-MAX Loc	00 00 00	38 34 00	50 30 00	29 10 00	00 00 00	00 00 00	63 00 00	63 00 00	61 19 00	59 33 00	65 36 00
E22-MAX Loc	0.00	38.57	50.50	29.17	0.00	0.00	63.00	63.00	61.32	59.55	65.60
E22-AVG Val	0	0	0	0	0	0	0	0	0	0	0
E32-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E32-MIN Loc	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
E32-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
E32-MAX Val	0	0	0	0	0	0	103	102	138	316	103
E32-MAX Loc	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	41 07 00	54 53 00	00 03 00
E32-MAX Loc	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00	41.12	54.88	0.05
E32-AVG Val	0	0	0	0	0	0	0	0	0	0	0
I3-MIN Val Loc	0.45	0.45	0.47	0.46	0.47	0.47	0.42	0.43	0.46	0.44	0.31
I3-MIN Loc	27 42 00	24 32 00	15 19 00	27 09 00	22 20 00	30 36 00	19 29 00	25 41 00	60 30 00	26 10 00	19 46 00
I3-MIN Loc	27.70	24.53	15.32	27.15	22.33	30.60	19.48	25.68	60.50	26.17	19.77
I3-MAX Val	0.50	0.50	0.51	0.52	0.51	0.52	0.47	0.48	0.51	0.50	0.37
I3-MAX Loc	63 00 00	53 47 00	44 17 00	60 42 00	62 48 00	58 07 00	00 10 00	53 53 00	51 59 00	56 14 00	74 06 00
I3-MAX Loc	63.00	53.78	44.28	60.70	62.80	58.12	0.17	53.88	51.98	56.23	74.10
I3-AVG Val	0.48	0.48	0.49	0.49	0.49	0.50	0.45	0.45	0.49	0.48	0.34
I11-MIN Val	0.69	0.70	0.72	0.73	0.75	0.75	0.72	0.72	0.71	0.70	0.71
I11-MIN Loc	24 32 00	26 15 00	24 34 00	27 47 00	28 26 00	31 00 00	25 45 00	25 09 00	61 45 00	25 58 00	17 57 00
I11-MIN Loc	24.53	26.25	24.57	27.78	28.43	31.00	25.75	25.15	61.75	25.97	17.95
I11-MAX Val	0.76	0.77	0.79	0.81	0.80	0.81	0.77	0.78	0.76	0.77	0.77
I11-MAX Loc	63 00 00	56 59 00	63 00 00	63 00 00	51 20 00	53 49 00	01 15 00	56 10 00	04 25 00	54 01 00	62 01 00
I11-MAX Loc	63.00	56.98	63.00	63.00	51.33	53.82	1.25	56.17	4.42	54.02	62.02
I11-AVG Val	0.73	0.73	0.75	0.77	0.78	0.78	0.75	0.75	0.74	0.74	0.74
I3R-MIN Val	0.50	0.52	0.50	0.52	0.51	0.54	0.46	0.48	0.51	0.48	0.33
I3R-MIN Loc	55 31 00	59 05 00	56 47 00	17 54 00	49 13 00	27 45 00	60 14 00	21 53 00	57 45 00	29 14 00	18 40 00
I3R-MIN Loc	55.52	59.08	56.78	17.90	49.22	27.75	60.23	21.88	57.75	29.23	18.67
I3R-MAX Val	0.56	0.57	0.56	0.59	0.56	0.59	0.52	0.53	0.56	0.54	0.40
I3R-MAX Loc	11 31 00	53 47 00	62 46 00	55 32 00	12 04 00	56 50 00	05 36 00	44 22 00	36 35 00	56 17 00	29 28 00
I3R-MAX Loc	11.52	53.78	62.77	55.53	12.07	56.83	5.60	44.37	36.58	56.28	29.47
I3R-AVG Val	0.53	0.55	0.53	0.55	0.53	0.56	0.50	0.50	0.54	0.51	0.38
I11R-MIN Val	0.77	0.81	0.78	0.82	0.81	0.85	0.78	0.80	0.77	0.76	0.75

I11R-MIN Loc	29 59 00	24 12 00	56 47 00	17 54 00	20 11 00	61 34 00	60 14 00	21 53 00	41 58 00	30 31 00	18 40 00
I11R-MIN Loc	29.98	24.20	56.78	17.90	20.18	61.57	60.23	21.88	41.97	30.52	18.67
I11R-MAX Val	0.85	0.89	0.85	0.91	0.88	0.91	0.87	0.87	0.84	0.83	0.87
I11R-MAX Loc	11 31 00	52 52 00	08 16 00	56 24 00	12 04 00	56 32 00	46 22 00	44 22 00	09 39 00	51 32 00	56 10 00
I11R-MAX Loc	11.52	52.87	8.27	56.40	12.07	56.53	46.37	44.37	9.65	51.53	56.17
I11R-AVG Val	0.81	0.84	0.82	0.86	0.85	0.88	0.83	0.83	0.81	0.80	0.83
REF-MIN Val	62	64	64	66	63	66	62	64	64	65	62
REF-MIN Loc	11 31 00	33 43 00	28 04 00	26 00 00	28 27 00	29 55 00	62 34 00	24 59 00	24 36 00	25 19 00	36 20 00
REF-MIN Loc	11.52	33.72	28.07	26.00	28.45	29.92	62.57	24.98	24.60	25.32	36.33
REF-MAX Val	68	71	71	73	70	73	69	68	69	71	70
REF-MAX Loc	52 12 00	56 54 00	56 47 00	60 08 00	54 46 00	53 11 00	02 49 00	54 31 00	50 28 00	49 37 00	18 40 00
REF-MAX Loc	52.20	56.90	56.78	60.13	54.77	53.18	2.82	54.52	50.47	49.62	18.67
REF-AVG Val	65	68	67	69	67	69	65	66	66	68	65
SYM-MIN Val	-2	-2	-1	-2	-2	-3	0	0	-6	-7	0
SYM-MIN Loc	62 49 00	62 02 00	01 52 00	62 47 00	02 07 00	00 17 00	00 21 00	42 04 00	00 05 00	41 17 00	18 47 00
SYM-MIN Loc	62.82	62.03	1.87	62.78	2.12	0.28	0.35	42.07	0.08	41.28	18.78
SYM-MAX Val	-8	-7	-7	-7	-8	-8	-2	-2	-12	-12	-9
SYM-MAX Loc	44 20 00	27 36 00	46 12 00	46 12 00	62 34 00	27 39 00	63 00 00	00 10 00	62 45 00	62 48 00	74 06 00
SYM-MAX Loc	44.33	27.60	46.20	46.20	62.57	27.65	63.00	0.17	62.75	62.80	74.10
SYM-AVG Val	-5	-5	-4	-4	-6	-6	-1	-1	-9	-9	-3
BERL-MIN Val	0	0	0	0	0	0	0	0	0	0	0
BERL-MIN Loc	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 14 00
BERL-MIN Loc	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.23
BERL-MAX Val	3	3	3	3	5	3	3	6	8	79	5
BERL-MAX Loc	15 55 00	13 31 00	02 14 00	02 14 00	00 08 00	02 13 00	01 43 00	63 00 00	58 17 00	41 06 00	00 04 00
BERL-MAX Loc	15.92	13.52	2.23	2.23	0.13	2.22	1.72	63.00	58.28	41.10	0.07
BERL-AVG Val	0	0	0	0	0	0	0	0	0	0	0
RN-MIN Val	8	10	8	5	8	4	4	0	5	1	7
RN-MIN Loc	57 39 03	57 39 02	15 37 03	62 33 03	01 40 00	25 03 03	29 09 00	00 05 00	22 23 03	43 20 00	25 02 00
RN-MIN Loc	57.65	57.65	15.62	62.55	1.67	25.05	29.15	0.08	22.38	43.33	25.03
RN-MAX Val	36	39	41	48	20	19	26	19	20	16	29
RN-MAX Loc	62 42 00	62 42 00	62 56 00	62 59 00	60 40 00	59 29 00	59 57 00	60 44 00	35 29 00	62 13 00	71 13 00
RN-MAX Loc	62.70	62.70	62.93	62.98	60.67	59.48	59.95	60.73	35.48	62.22	71.22
RN-AVG	23	24	24	24	13	13	10	1	9	4	13
B EGL	0	0	0	0	0	0	0	0	3	19	0
E32TOT	0	0	0	0	0	0	103	102	487	2236	103

5571	8211	8211	1041	1041	1052	1052	1057	1057	1064	1064	2026
74:06	74:05	74:05	63:01	63:01	63:01	63:01	63:00	63:00	62:58	62:58	74:06
74	74	74	63	63	63	63	63	63	63	63	74
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
S2X	KODAK	KODAK	S1X	S1X	S2X	S2X	KODAK	KODAK	JVC	JVC	S1X
2	3	3	1	1	2	2	3	3	4	4	1
			Al. Cal.								
1	1	1	2	2	2	2	2	2	2	2	2
12	13	14	15	16	17	18	19	20	21	22	23
44.6	44.9	44.6	45	44.9	44.9	44.5	45.0	44.6	44.9	44.6	45.0
49.8	49.7	49.7	49.6	49.7	49.8	49.8	49.7	49.7	49.7	49.7	49.6
115.8	115.8	115.8	114.9	114.9	115.0	115.0	114.9	114.9	114.9	114.9	115.7
1.20	1.2	1.2	1.39	1.38	1.38	1.39	1.38	1.39	1.37	1.39	1.18
1.61	1.61	1.61	1.61	1.62	1.62	1.61	1.62	1.61	1.63	1.61	1.63
16	12	18	9	12	22	23	26	23	23	18	32
0.069	0.072	0.070	0.075	0.069	0.066	0.066	0.069	0.066	0.073	0.053	0.079
0.076	0.078	0.078	0.081	0.076	0.073	0.073	0.076	0.075	0.078	0.072	0.087
0.074	0.075	0.075	0.079	0.073	0.071	0.070	0.073	0.072	0.075	0.060	0.084
21	18	18	20	21	24	25	20	20	25	2	17
22	21	19	24	24	27	27	23	22	30	26	19
22	19	19	21	23	26	25	21	21	26	7	18
-0.12	0.10	-0.14	0.09	-0.17	0.09	-0.03	0.09	-0.04	0.10	-0.13	0.08
0.03	0.28	0.05	0.19	0.03	0.18	0.22	0.20	0.22	0.24	0.43	0.23
-0.03	0.15	-0.03	0.12	-0.03	0.12	0.05	0.13	0.04	0.14	0.09	0.13
-0.3	-0.5	-0.2	-0.4	-0.2	-0.4	-0.1	-0.4	-0.1	-0.5	-2.5	-0.5
0.1	0.0	0.2	0.0	0.3	0.1	0.3	0.0	0.3	0.0	4.6	0.0
-0.1	-0.3	0.0	-0.2	0.0	-0.2	0.1	-0.2	0.1	-0.3	0.7	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
01 21 00	00 26 00	01 06 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 05 00	00 08 00	00 07 00	00 03 00
1.35	0.43	1.10	0.05	0.05	0.05	0.05	0.08	0.08	0.13	0.12	0.05
58	37	37	15	15	17	20	19	17	18	18	28
12 24 00	01 59 00	10 29 00	16 19 00	24 08 00	03 23 00	03 23 00	08 34 00	01 51 00	08 34 00	19 44 00	20 06 00
12.40	1.98	10.48	16.32	24.13	3.38	3.38	8.57	1.85	8.57	19.73	20.10
9	6	8	1	0	0	0	0	0	0	1	4
0	0	0	0	0	0	0	0	0	0	0	0
01 21 00	00 26 00	00 49 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 05 00	00 08 00	00 07 00	00 03 00
1.35	0.43	0.82	0.05	0.05	0.05	0.05	0.08	0.08	0.13	0.12	0.05
39	26	33	13	13	10	12	15	15	13	14	23
15 08 00	01 59 00	35 35 00	05 03 00	27 01 00	00 49 00	03 33 00	03 38 00	03 37 00	19 44 00	19 44 00	61 00 00
15.13	1.98	35.58	5.05	27.02	0.82	3.55	3.63	3.62	19.73	19.73	61.00
6	5	6	0	0	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	0	0	0
00 07 00	00 06 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 04 00	00 04 00	00 03 00
0.12	0.10	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.07	0.07	0.05
10	9	11	6	6	8	7	8	7	7	8	9
00 18 00	15 05 00	33 06 00	16 19 00	54 13 00	03 20 00	03 20 00	60 16 00	24 34 00	42 18 00	32 10 00	05 52 00
0.30	15.08	33.10	16.32	54.22	3.33	3.33	60.27	24.57	42.30	32.17	5.87
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 05 00	00 05 00	00 04 00	00 03 00	
0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.07	0.05	
26	19	20	11	11	15	16	13	16	15	14	19	
09 49 00	00 13 00	63 46 00	38 52 00	38 53 00	03 25 00	03 24 00	08 34 00	24 05 00	08 34 00	24 06 00	14 16 00	
9.82	0.22	63.77	38.87	38.88	3.42	3.40	8.57	24.08	8.57	24.10	14.27	
1	1	2	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 05 00	00 05 00	00 04 00	00 03 00	
0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.07	0.05	
220	188	230	115	122	116	127	98	182	136	141	225	
10 04 00	22 07 00	22 06 00	38 52 00	38 53 00	30 38 00	03 23 00	51 36 00	24 05 00	54 22 00	56 45 00	14 16 00	
10.07	22.12	22.10	38.87	38.88	30.63	3.38	51.60	24.08	54.37	56.75	14.27	
15	8	19	1	1	0	1	0	1	0	3	3	
0	0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
15	13	26	0	0	0	0	11	14	0	25	0	
24 31 00	01 59 00	68 01 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	06 56 00	00 00 00	24 29 00	00 00 00	
24.52	1.98	68.02	0.00	0.00	0.00	0.00	63.00	6.93	0.00	24.48	0.00	
0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0	101	101	0	0	0	0	104	104	0	0	0	
00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	00 00 00	00 00 00	00 00 00	00 00 00
0.00	74.08	74.08	0.00	0.00	0.00	0.00	63.00	63.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0	
0.31	0.29	0.29	0.43	0.44	0.45	0.45	0.42	0.41	0.44	0.43	0.31	
18 56 00	27 54 00	20 07 00	62 40 00	62 35 00	60 17 00	32 34 00	61 24 00	61 56 00	60 28 00	60 15 00	73 51 00	
18.93	27.90	20.12	62.67	62.58	60.28	32.57	61.40	61.93	60.47	60.25	73.85	
0.37	0.34	0.34	0.53	0.53	0.54	0.53	0.51	0.51	0.54	0.53	0.36	
62 28 00	73 20 00	66 30 00	01 05 00	00 18 00	00 21 00	00 09 00	01 28 00	00 20 00	00 28 00	00 48 00	74 05 00	
62.47	73.33	66.50	1.08	0.30	0.35	0.15	1.47	0.33	0.47	0.80	74.08	
0.34	0.30	0.31	0.47	0.47	0.48	0.48	0.46	0.44	0.48	0.46	0.33	
0.72	0.70	0.71	0.66	0.67	0.72	0.73	0.71	0.68	0.70	0.68	0.65	
11 47 00	19 54 00	03 05 00	61 01 00	62 42 00	61 59 00	29 43 00	62 32 00	62 44 00	62 32 00	62 58 00	33 21 00	
11.78	19.90	3.08	61.02	62.70	61.98	29.72	62.53	62.73	62.53	62.97	33.35	
0.79	0.75	0.78	0.81	0.80	0.85	0.85	0.84	0.83	0.83	0.82	0.69	
74 06 00	62 41 00	66 50 00	00 06 00	00 17 00	00 06 00	00 15 00	00 03 00	00 20 00	00 28 00	01 19 00	55 12 00	
74.10	62.68	66.83	0.10	0.28	0.10	0.25	0.05	0.33	0.47	1.32	55.20	
0.75	0.73	0.74	0.72	0.71	0.76	0.77	0.76	0.74	0.75	0.73	0.67	
0.35	0.31	0.32	0.50	0.52	0.50	0.50	0.48	0.47	0.50	0.48	0.35	
19 27 00	22 59 00	20 07 00	58 25 00	60 18 00	56 58 00	29 57 00	61 51 00	46 21 00	60 28 00	28 59 00	72 00 00	
19.45	22.98	20.12	58.42	60.30	56.97	29.95	61.85	46.35	60.47	28.98	72.00	
0.41	0.37	0.37	0.56	0.57	0.56	0.55	0.53	0.52	0.56	0.54	0.41	
61 39 00	73 20 00	72 18 00	01 05 00	05 00 00	11 33 00	00 43 00	21 03 00	00 20 00	22 31 00	09 16 00	74 05 00	
61.65	73.33	72.30	1.08	5.00	11.55	0.72	21.05	0.33	22.52	9.27	74.08	
0.38	0.34	0.34	0.53	0.54	0.53	0.52	0.51	0.49	0.53	0.50	0.38	
0.80	0.76	0.78	0.76	0.79	0.80	0.81	0.80	0.77	0.77	0.75	0.72	

19 35 00	22 59 00	01 59 00	59 19 00	60 18 00	60 59 00	29 57 00	61 51 00	62 58 00	62 03 00	28 59 00	74 00 00
19.58	22.98	1.98	59.32	60.30	60.98	29.95	61.85	62.97	62.05	28.98	74.00
0.89	0.85	0.85	0.85	0.87	0.88	0.87	0.87	0.85	0.85	0.83	0.81
61 39 00	18 23 00	51 20 00	02 14 00	01 41 00	17 30 00	00 33 00	06 02 00	01 34 00	19 55 00	09 16 00	57 47 00
61.65	18.38	51.33	2.23	1.68	17.50	0.55	6.03	1.57	19.92	9.27	57.78
0.84	0.81	0.82	0.81	0.83	0.84	0.84	0.84	0.81	0.81	0.79	0.78
62	62	63	62	63	62	63	62	62	62	65	60
30 04 00	18 23 00	11 14 00	62 22 00	30 21 00	61 39 00	41 31 00	54 56 00	32 57 00	48 07 00	59 26 00	07 03 00
30.07	18.38	11.23	62.37	30.35	61.65	41.52	54.93	32.95	48.12	59.43	7.05
69	68	69	73	73	72	73	73	73	72	74	67
69 32 00	05 28 00	65 38 00	00 40 00	01 48 00	00 27 00	00 54 00	02 14 00	01 10 00	00 50 00	01 30 00	66 08 00
69.53	5.47	65.63	0.67	1.80	0.45	0.90	2.23	1.17	0.83	1.50	66.13
65	65	66	65	67	66	67	66	66	66	68	63
0	0	0	0	-1	-1	-1	0	0	0	0	-5
22 52 00	74 04 00	73 54 00	00 08 00	00 08 00	01 32 00	01 31 00	00 06 00	00 20 00	00 46 00	00 31 00	00 15 00
22.87	74.07	73.90	0.13	0.13	1.53	1.52	0.10	0.33	0.77	0.52	0.25
-10	3	3	-6	-6	-7	-7	-2	-3	-8	-7	-10
74 06 00	35 25 00	02 22 00	60 02 00	17 55 00	60 49 00	24 45 00	62 43 00	53 45 00	62 47 00	62 44 00	71 47 00
74.10	35.42	2.37	60.03	17.92	60.82	24.75	62.72	53.75	62.78	62.73	71.78
-4	2	2	-4	-4	-4	-5	-1	-1	-4	-4	-8
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00	00 05 00	00 03 00	00 03 00
0.07	0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.05	0.08	0.05	0.05
5	7	7	3	3	3	3	3	3	3	3	3
18 45 00	74 05 00	74 05 00	25 27 00	30 43 00	01 30 00	01 29 00	01 34 00	08 34 00	08 34 00	06 40 00	01 15 00
18.75	74.08	74.08	25.45	30.72	1.50	1.48	1.57	8.57	8.57	6.67	1.25
0	0	0	0	0	0	0	0	0	0	0	0
0	4	2	7	5	6	1	6	1	5	2	19
09 29 00	35 17 00	46 58 00	55 47 00	55 50 00	40 42 00	37 08 00	60 14 00	24 58 00	56 48 00	57 31 00	06 16 00
9.48	35.28	46.97	55.78	55.83	40.70	37.13	60.23	24.97	56.80	57.52	6.27
21	21	16	27	23	12	9	11	7	12	11	43
68 51 00	71 08 00	70 44 00	48 55 00	34 42 00	50 44 00	51 34 00	31 35 00	45 41 00	31 35 00	05 16 00	46 41 00
68.85	71.13	70.73	48.92	34.70	50.73	51.57	31.58	45.68	31.58	5.27	46.68
3	9	5	12	11	8	4	8	4	8	5	32
0	1	1	0	0	0	0	0	0	0	0	0
0	101	101	0	0	0	0	104	104	0	0	0

2026	2034	2034	2020	2020	1019	1019	1007	1007	2018	2018	2033
74:06	74:06	74:06	74:05	74:05	63:01	63:01	63:00	63:00	62:58	62:58	62:58
74	74	74	74	74	63	63	63	63	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
S1X	S2X	S2X	KODAK	KODAK	S1X	S1X	KODAK	KODAK	JVC	JVC	JVC
1	2	2	3	3	1	1	3	3	4	4	4
					Al. Cal.						
2	2	2	2	2	3	3	3	3	3	3	3
24	25	26	27	28	29	30	31	32	33	34	35
44.6	44.9	44.7	45	44.6	45	44.8	45.0	44.6	45	44.6	45
49.6	49.8	49.7	49.7	49.7	49.6	49.7	49.6	49.7	49.7	49.6	49.7
115.6	115.8	115.7	115.7	115.7	114.9	114.9	114.9	114.9	114.9	114.9	114.9
1.20	1.20	1.20	1.19	1.2	1.39	1.39	1.39	1.39	1.39	1.39	1.39
1.61	1.61	1.61	1.62	1.6	1.61	1.60	1.61	1.60	1.6	1.61	1.6
33	20	30	25	27	17	13	9	16	17	0	16
0.073	0.076	0.073	0.076	0.070	0.076	0.069	0.070	0.070	0.073	0.071	0.073
0.085	0.083	0.082	0.082	0.082	0.082	0.078	0.077	0.077	0.078	0.078	0.078
0.080	0.080	0.078	0.079	0.077	0.080	0.075	0.073	0.075	0.076	0.076	0.075
17	19	19	15	15	21	21	19	19	25	25	25
19	22	20	18	17	23	24	23	21	29	27	30
18	20	20	16	16	21	22	20	19	26	26	26
-0.03	0.08	-0.05	0.08	-0.06	0.10	-0.05	0.09	-0.07	0.10	-0.08	0.10
0.22	0.21	0.16	0.18	0.22	0.24	0.08	0.26	0.06	0.26	0.03	0.24
0.05	0.13	0.03	0.11	0.03	0.14	0.01	0.14	0.00	0.15	-0.03	0.14
-0.1	-0.4	-0.2	-0.4	-0.1	-0.5	-0.3	-0.5	-0.2	-0.5	-0.2	-0.5
0.3	0.0	0.2	0.1	0.3	0.0	0.2	0.0	0.2	0.0	0.1	0.0
0.1	-0.2	0.0	-0.2	0.1	-0.2	0.0	-0.3	0.0	-0.3	0.0	-0.3
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 05 00	00 04 00	00 03 00	00 04 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.07	0.05	0.07	0.05
25	19	19	18	18	21	21	24	23	22	22	23
17 39 00	07 50 00	31 25 00	09 47 00	07 53 00	01 31 00	11 09 00	01 46 00	01 45 00	53 20 00	52 54 00	15 10 00
17.65	7.83	31.42	9.78	7.88	1.52	11.15	1.77	1.75	53.33	52.90	15.17
3	0	0	0	0	1	1	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 05 00	00 04 00	00 03 00	00 04 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.07	0.05	0.07	0.05
22	10	13	12	11	17	18	13	12	13	14	18
22 07 00	00 26 00	39 23 00	46 42 00	46 41 00	05 01 00	11 09 00	04 45 00	11 07 00	11 08 00	11 07 00	19 27 00
22.12	0.43	39.38	46.70	46.68	5.02	11.15	4.75	11.12	11.13	11.12	19.45
2	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	11	7	7	9	8	8	8	8	7	9	9
05 00 00	31 26 00	19 55 00	09 50 00	09 50 00	47 11 00	47 11 00	19 32 00	27 40 00	00 49 00	17 16 00	06 20 00
5.00	31.43	19.92	9.83	9.83	47.18	47.18	19.53	27.67	0.82	17.27	6.33
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 04 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.07	0.05
16	15	14	14	15	21	14	20	18	20	18	12	
14 13 00	24 12 00	16 10 00	24 17 00	24 16 00	01 31 00	03 06 00	03 05 00	01 44 00	53 11 00	52 54 00	18 25 00	
14.22	24.20	16.17	24.28	24.27	1.52	3.10	3.08	1.73	53.18	52.90	18.42	
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 04 00	00 03 00	
0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.07	0.05	0.07	0.05	
229	175	189	203	223	234	118	189	154	307	325	98	
14 15 00	24 11 00	30 59 00	24 17 00	24 16 00	05 23 00	03 06 00	03 05 00	03 04 00	53 11 00	52 54 00	54 48 00	
14.25	24.18	30.98	24.28	24.27	5.38	3.10	3.08	3.07	53.18	52.90	54.80	
5	1	2	1	2	1	3	0	2	3	5	3	
0	0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	
0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
1	0	0	11	11	7	7	10	13	24	24	0	
20 44 00	00 00 00	00 00 00	74 05 00	74 05 00	07 45 00	07 45 00	63 00 00	05 14 00	53 07 00	53 07 00	00 00 00	
20.73	0.00	0.00	74.08	74.08	7.75	7.75	63.00	5.23	53.12	53.12	0.00	
0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	
0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
0	0	0	103	103	0	0	103	103	0	0	0	
00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	63 00 00	63 00 00	00 00 00	00 00 00	00 00 00	
0.00	0.00	0.00	74.08	74.08	0.00	0.00	63.00	63.00	0.00	0.00	0.00	
0	0	0	0	0	0	0	0	0	0	0	0	
0.31	0.31	0.29	0.28	0.28	0.46	0.45	0.43	0.43	0.45	0.46	0.46	
35 46 00	59 41 00	05 59 00	70 56 00	30 52 00	56 42 00	28 59 00	23 42 00	20 36 00	61 43 00	17 10 00	61 24 00	
35.77	59.68	5.98	70.93	30.87	56.70	28.98	23.70	20.60	61.72	17.17	61.40	
0.35	0.34	0.35	0.31	0.32	0.50	0.50	0.47	0.48	0.50	0.51	0.51	
01 16 00	46 43 00	74 05 00	46 26 00	00 20 00	04 54 00	55 59 00	55 33 00	53 02 00	53 49 00	53 17 00	01 15 00	
1.27	46.72	74.08	46.43	0.33	4.90	55.98	55.55	53.03	53.82	53.28	1.25	
0.33	0.33	0.33	0.30	0.30	0.48	0.47	0.45	0.45	0.48	0.48	0.49	
0.65	0.67	0.67	0.67	0.65	0.70	0.69	0.72	0.73	0.71	0.72	0.71	
32 52 00	30 44 00	73 32 00	14 08 00	73 27 00	24 34 00	24 34 00	25 45 00	28 30 00	27 34 00	26 50 00	28 44 00	
32.87	30.73	73.53	14.13	73.45	24.57	24.57	25.75	28.50	27.57	26.83	28.73	
0.69	0.72	0.72	0.70	0.70	0.76	0.76	0.77	0.79	0.77	0.78	0.76	
01 18 00	65 05 00	67 13 00	48 51 00	01 31 00	53 01 00	55 22 00	54 54 00	59 47 00	04 51 00	54 01 00	04 47 00	
1.30	65.08	67.22	48.85	1.52	53.02	55.37	54.90	59.78	4.85	54.02	4.78	
0.67	0.69	0.70	0.68	0.68	0.73	0.73	0.75	0.76	0.74	0.75	0.74	
0.36	0.35	0.34	0.31	0.32	0.50	0.52	0.48	0.48	0.50	0.50	0.50	
01 15 00	65 24 00	05 59 00	73 10 00	69 35 00	53 47 00	22 56 00	56 47 00	23 49 00	61 14 00	53 20 00	61 24 00	
1.25	65.40	5.98	73.17	69.58	53.78	22.93	56.78	23.82	61.23	53.33	61.40	
0.39	0.40	0.40	0.36	0.36	0.55	0.57	0.52	0.52	0.55	0.54	0.55	
51 33 00	37 43 00	48 44 00	46 26 00	00 20 00	45 44 00	58 03 00	10 06 00	21 22 00	62 23 00	03 34 00	05 10 00	
51.55	37.72	48.73	46.43	0.33	45.73	58.05	10.10	21.37	62.38	3.57	5.17	
0.37	0.38	0.38	0.34	0.34	0.53	0.54	0.50	0.50	0.53	0.52	0.53	
0.72	0.75	0.76	0.74	0.73	0.77	0.79	0.80	0.81	0.77	0.78	0.78	

71 15 00	66 51 00	72 59 00	70 28 00	69 45 00	53 47 00	24 34 00	55 35 00	06 08 00	62 24 00	01 08 00	60 13 00
71.25	66.85	72.98	70.47	69.75	53.78	24.57	55.58	6.13	62.40	1.13	60.22
0.81	0.83	0.85	0.82	0.80	0.84	0.87	0.86	0.87	0.84	0.84	0.84
57 50 00	69 52 00	48 44 00	22 16 00	25 41 00	17 47 00	43 18 00	10 06 00	47 49 00	62 23 00	32 21 00	05 10 00
57.83	69.87	48.73	22.27	25.68	17.78	43.30	10.10	47.82	62.38	32.35	5.17
0.77	0.80	0.80	0.78	0.77	0.81	0.84	0.83	0.83	0.81	0.81	0.81
61	60	60	61	62	64	66	62	63	64	65	64
34 01 00	36 14 00	19 06 00	22 16 00	25 18 00	30 35 00	19 08 00	27 21 00	21 22 00	30 15 00	26 14 00	28 44 00
34.02	36.23	19.10	22.27	25.30	30.58	19.13	27.35	21.37	30.25	26.23	28.73
67	67	67	67	67	70	71	69	70	70	71	70
04 41 00	73 12 00	58 59 00	73 10 00	04 29 00	53 47 00	53 33 00	55 35 00	56 27 00	58 02 00	53 45 00	01 32 00
4.68	73.20	58.98	73.17	4.48	53.78	53.55	55.58	56.45	58.03	53.75	1.53
64	63	63	63	64	66	68	65	67	67	68	66
-5	-3	-4	0	0	-1	-2	0	0	0	-2	-2
00 31 00	00 13 00	01 07 00	00 15 00	13 15 00	01 30 00	03 06 00	19 09 00	35 30 00	00 05 00	00 03 00	00 04 00
0.52	0.22	1.12	0.25	13.25	1.50	3.10	19.15	35.50	0.08	0.05	0.07
-11	-10	-10	1	-2	-8	-8	-2	-2	-8	-7	-9
23 32 00	55 10 00	57 01 00	05 38 00	72 59 00	62 04 00	62 04 00	62 59 00	03 54 00	62 28 00	62 47 00	61 55 00
23.53	55.17	57.02	5.63	72.98	62.07	62.07	62.98	3.90	62.47	62.78	61.92
-9	-8	-8	0	-1	-5	-5	-1	-1	-4	-5	-5
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	3	3	3	5	3	3	3	3	6	6	17
40 54 00	01 30 00	01 09 00	00 30 00	00 23 00	01 30 00	03 06 00	01 46 00	01 45 00	53 08 00	53 07 00	00 49 00
40.90	1.50	1.15	0.50	0.38	1.50	3.10	1.77	1.75	53.13	53.12	0.82
0	0	0	0	0	0	0	0	0	0	0	0
1	8	2	5	2	14	13	6	2	4	1	5
68 16 00	21 34 03	67 07 00	64 17 00	65 20 00	06 36 00	02 11 00	22 06 00	42 27 00	25 46 00	21 52 00	32 58 00
68.27	21.57	67.12	64.28	65.33	6.60	2.18	22.10	42.45	25.77	21.87	32.97
34	28	21	23	18	53	50	31	26	33	27	31
72 14 00	15 36 00	15 40 00	15 46 00	15 51 00	53 54 00	53 43 00	54 16 00	53 50 00	57 57 00	57 24 00	57 49 00
72.23	15.60	15.67	15.77	15.85	53.90	53.72	54.27	53.83	57.95	57.40	57.82
7	15	8	8	5	27	25	12	5	11	5	11
0	0	0	0	0	0	0	0	0	0	0	1
0	0	0	103	163	0	0	103	103	0	0	0

2033	3069	3069	3042	3042	1050	1050	1118	1118	1068	1068	1044
62:58	74:06	74:06	74:05	74:05	63:06	63:06	63:06	63:06	63:05	63:05	63:04
63	74	74	74	74	63	63	63	63	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
JVC	S2X	S2X	KODAK	KODAK	S1X	S1X	S2X	S2X	KODAK	KODAK	JVC
4	2	2	3	3	1	1	2	2	3	3	4
					Al. Cal.		Al. Cal.				
3	3	3	3	3	4	4	4	4	4	4	4
36	37	38	39	40	41	42	43	44	45	46	47
44.6	45.0	44.6	44.9	44.6	44.9	44.9	45	44.9	44.9	44.6	44.9
49.7	49.8	49.7	49.7	49.7	49.7	49.8	49.9	49.9	49.8	49.8	49.8
115	115.8	115.7	115.7	115.7	115.3	115.3	115.4	115.4	115.4	115.3	115.3
1.39	1.20	1.20	1.2	1.2	1.39	1.39	1.39	1.39	1.38	1.40	1.39
1.6	1.61	1.61	1.61	1.61	1.62	1.62	1.62	1.62	1.63	1.60	1.62
24	20	29	29	23	11	14	14	19	9	14	10
0.072	0.070	0.068	0.071	0.069	0.095	0.092	0.094	0.091	0.090	0.095	0.095
0.078	0.077	0.075	0.075	0.076	0.110	0.106	0.107	0.105	0.103	0.106	0.106
0.076	0.074	0.073	0.073	0.073	0.104	0.098	0.102	0.097	0.098	0.101	0.103
25	20	20	18	18	22	23	23	23	22	22	25
27	23	21	20	19	26	25	26	26	24	24	28
26	21	21	19	18	23	24	24	25	23	23	27
-0.09	0.10	-0.06	0.09	-0.06	0.11	-0.03	0.11	-0.05	0.12	-0.18	0.12
0.02	0.24	0.06	0.22	0.05	0.28	0.15	0.27	0.15	0.30	0.06	0.28
-0.03	0.14	0.00	0.14	-0.02	0.16	0.05	0.16	0.03	0.18	-0.04	0.17
-0.2	-0.4	-0.2	-0.4	-0.2	-0.2	-0.2	-0.2	-0.4	-0.3	-0.4	-0.2
0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.2	0.0
0.0	-0.2	0.0	-0.2	0.0	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 04 00	00 03 00	00 03 00	00 03 00	24 15 00	49 13 00	00 04 00	00 04 00	00 09 00	00 08 00	04 13 00
0.15	0.07	0.05	0.05	0.05	24.25	49.22	0.07	0.07	0.15	0.13	4.22
23	17	18	16	16	99	107	29	27	18	27	35
15 09 00	20 53 00	20 52 00	16 06 00	08 04 00	21 30 00	21 30 00	16 06 00	01 22 00	12 35 00	05 20 00	00 04 00
15.15	20.88	20.87	16.10	8.07	21.50	21.50	16.10	1.37	12.58	5.33	0.07
2	0	0	0	1	15	15	4	4	2	3	3
0	0	0	0	0	0	0	0	0	0	0	0
00 08 00	00 04 00	00 03 00	00 03 00	00 03 00	24 15 00	49 13 00	00 04 00	00 04 00	00 09 00	00 08 00	04 13 00
0.13	0.07	0.05	0.05	0.05	24.25	49.22	0.07	0.07	0.15	0.13	4.22
14	10	12	12	12	49	56	24	18	18	18	33
19 26 00	10 52 00	16 23 00	54 54 00	24 27 00	21 19 00	21 15 00	26 00 00	09 35 01	58 14 00	52 02 00	00 04 00
19.43	10.87	16.38	54.90	24.45	21.32	21.25	26.00	9.58	58.23	52.03	0.07
1	0	0	0	0	11	12	3	3	2	3	2
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00	00 08 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.15	0.13	0.05	0.05	0.05	0.05	0.05
10	8	6	8	8	19	16	10	7	7	6	7
06 19 00	09 44 00	06 32 00	35 26 00	35 27 00	21 31 00	21 32 00	03 29 00	00 18 00	46 56 00	05 06 00	55 01 00
6.32	9.73	6.53	35.43	35.45	21.52	21.53	3.48	0.30	46.93	5.10	55.02
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 03 00	00 03 00	00 03 00	00 03 00	00 14 00	00 14 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00
0.15	0.05	0.05	0.05	0.05	0.23	0.23	0.05	0.05	0.05	0.05	0.15
17	14	12	15	16	57	62	18	16	7	21	22
03 48 00	08 01 00	16 01 00	20 21 00	20 20 00	21 33 00	21 33 00	09 10 00	06 47 00	59 11 00	05 28 00	04 06 00
3.80	8.02	16.02	20.35	20.33	21.55	21.55	9.17	6.78	59.18	5.47	4.10
0	0	0	0	0	2	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 03 00	00 03 00	00 03 00	00 03 00	00 14 00	00 14 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00
0.15	0.05	0.05	0.05	0.05	0.23	0.23	0.05	0.05	0.05	0.05	0.15
200	140	144	208	199	383	468	203	186	69	265	309
03 48 00	72 21 00	20 16 00	52 13 00	20 20 00	21 20 00	21 20 00	09 10 00	09 11 00	59 29 00	05 22 00	04 06 00
3.80	72.35	20.27	52.22	20.33	21.33	21.33	9.17	9.18	59.48	5.37	4.10
9	1	1	1	3	19	20	3	4	0	6	5
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
26	0	0	10	9	112	133	11	2	0	13	23
09 16 00	00 00 00	00 00 00	74 05 00	74 05 00	21 33 00	21 33 00	08 09 00	35 00 00	00 00 00	42 22 00	55 57 00
9.27	0.00	0.00	74.08	74.08	21.55	21.55	8.15	35.00	0.00	42.37	55.95
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0	0	0	103	103	37	66	0	0	0	102	103
00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	21 33 00	21 33 00	00 00 00	00 00 00	00 00 00	63 05 00	63 04 00
0.00	0.00	0.00	74.08	74.08	21.55	21.55	0.00	0.00	0.00	63.08	63.07
0	0	0	0	0	0	0	0	0	0	0	0
0.45	0.33	0.34	0.30	0.30	0.46	0.45	0.47	0.45	0.46	0.44	0.47
25 30 00	70 30 00	21 16 00	62 30 00	73 34 00	17 11 00	16 28 00	18 01 00	14 49 00	17 03 00	13 51 00	15 07 00
25.50	70.50	21.27	62.50	73.57	17.18	16.47	18.02	14.82	17.05	13.85	15.12
0.51	0.37	0.38	0.34	0.34	0.52	0.51	0.53	0.50	0.51	0.50	0.52
57 20 00	73 22 00	67 35 00	06 04 00	01 14 00	46 30 00	00 30 00	63 06 00	00 16 00	37 20 00	56 33 00	56 04 00
57.33	73.37	67.58	6.07	1.23	46.50	0.50	63.10	0.27	37.33	56.55	56.07
0.48	0.35	0.36	0.32	0.33	0.50	0.49	0.50	0.48	0.49	0.47	0.50
0.72	0.73	0.74	0.71	0.72	0.68	0.67	0.71	0.70	0.70	0.71	0.67
24 54 00	26 09 00	21 16 00	19 24 00	73 34 00	16 17 00	16 21 00	16 38 00	16 38 00	17 46 00	16 15 00	15 07 00
24.90	26.15	21.27	19.40	73.57	16.28	16.35	16.63	16.63	17.77	16.25	15.12
0.78	0.78	0.79	0.76	0.77	0.74	0.75	0.77	0.76	0.76	0.79	0.74
55 09 00	59 25 00	67 35 00	00 12 00	00 12 00	01 11 00	24 11 00	22 56 00	56 03 00	44 44 00	46 01 00	00 51 00
55.15	59.42	67.58	0.20	0.20	1.18	24.18	22.93	56.05	44.73	46.02	0.85
0.75	0.76	0.77	0.73	0.74	0.72	0.73	0.75	0.74	0.74	0.76	0.71
0.50	0.34	0.36	0.32	0.31	0.47	0.47	0.49	0.48	0.47	0.45	0.48
25 30 00	70 30 00	21 16 00	67 50 00	73 34 00	17 02 00	12 51 00	07 17 00	14 49 00	15 35 00	12 12 00	15 41 00
25.50	70.50	21.27	67.83	73.57	17.03	12.85	7.28	14.82	15.58	12.20	15.68
0.55	0.39	0.41	0.36	0.36	0.54	0.55	0.55	0.55	0.53	0.51	0.53
60 04 00	05 38 00	15 46 00	08 56 00	08 53 00	61 16 00	59 33 00	63 06 00	51 23 00	62 29 00	56 33 00	46 35 00
60.07	5.63	15.77	8.93	8.88	61.27	59.55	63.10	51.38	62.48	56.55	46.58
0.52	0.37	0.38	0.34	0.34	0.51	0.51	0.51	0.51	0.50	0.48	0.51
0.78	0.76	0.78	0.75	0.75	0.69	0.71	0.74	0.75	0.71	0.72	0.69

02 55 00	58 35 00	70 09 00	52 55 00	33 56 00	12 49 00	10 45 00	17 44 00	10 09 00	15 35 00	15 46 00	20 06 00
2.92	58.58	70.15	52.92	33.93	12.82	10.75	17.73	10.15	15.58	15.77	20.10
0.84	0.83	0.86	0.82	0.80	0.77	0.81	0.81	0.85	0.80	0.81	0.75
40 56 00	05 38 00	15 46 00	39 24 00	08 53 00	35 43 00	62 25 00	38 12 00	51 23 00	51 11 00	55 52 00	44 31 00
40.93	5.63	15.77	39.40	8.88	35.72	62.42	38.20	51.38	51.18	55.87	44.52
0.81	0.80	0.81	0.78	0.77	0.74	0.76	0.77	0.79	0.76	0.76	0.72
65	67	65	65	67	69	70	68	69	68	69	69
17 42 00	05 38 00	15 46 00	39 24 00	23 12 00	35 43 00	62 25 00	38 12 00	51 23 00	51 11 00	55 52 00	42 18 00
17.70	5.63	15.77	39.40	23.20	35.72	62.42	38.20	51.38	51.18	55.87	42.30
71	72	73	71	73	75	77	74	76	74	76	75
57 52 00	58 35 00	66 29 00	00 10 00	66 40 00	06 25 00	27 03 00	21 32 00	21 41 00	22 57 00	02 54 00	25 33 00
57.87	58.58	66.48	0.17	66.67	6.42	27.05	21.53	21.68	22.95	2.90	25.55
68	69	70	68	70	71	74	71	73	71	72	71
-3	0	0	0	0	-1	-1	-1	-2	-1	-1	0
00 10 00	73 33 00	73 45 00	30 59 00	01 26 00	18 50 00	18 50 00	23 18 00	23 18 00	42 37 00	47 45 00	00 09 00
0.17	73.55	73.75	30.98	1.43	18.83	18.83	23.30	23.30	42.62	47.75	0.15
-9	-6	-7	2	1	-8	-8	-6	-6	-3	-3	-9
62 24 00	25 17 00	25 51 00	00 07 00	00 30 00	53 53 00	53 53 00	30 27 00	04 19 00	09 48 00	07 43 00	62 58 00
62.40	25.28	25.85	0.12	0.50	53.88	53.88	30.45	4.32	9.80	7.72	62.97
-5	-4	-4	1	0	-5	-5	-4	-5	-2	-2	-6
0	0	0	0	0	0	0	0	0	0	0	0
00 07 00	00 03 00	00 03 00	00 03 00	00 03 00	00 14 00	00 14 00	00 03 00	00 03 00	00 03 00	00 03 00	00 13 00
0.12	0.05	0.05	0.05	0.05	0.23	0.23	0.05	0.05	0.05	0.05	0.22
4	3	3	4	9	6	7	3	3	5	6	5
08 48 00	08 01 00	12 04 00	52 08 00	00 06 00	21 31 00	21 32 00	02 00 00	02 17 00	00 48 00	00 33 00	04 58 00
8.80	8.02	12.07	52.13	0.10	21.52	21.53	2.00	2.28	0.80	0.55	4.97
0	0	0	0	0	0	0	0	0	0	0	0
1	7	0	6	2	14	9	5	5	7	2	6
37 22 00	22 44 03	24 19 00	21 50 00	53 05 00	23 50 03	36 10 03	05 12 03	01 10 00	14 44 00	51 00 00	47 53 00
37.37	22.73	24.32	21.83	53.08	23.83	36.17	5.20	1.17	14.73	51.00	47.88
26	18	12	18	9	34	34	14	14	12	10	13
57 20 00	22 33 00	73 53 00	72 55 00	73 22 00	11 21 00	11 17 00	41 38 00	41 52 00	19 42 00	08 44 00	00 42 00
57.33	22.55	73.88	72.92	73.37	11.35	11.28	41.63	41.87	19.70	8.73	0.70
5	12	3	8	4	23	22	9	9	9	5	8
0	0	0	0	1	0	1	0	0	0	0	0
0	0	0	103	103	86	146	0	0	0	102	103

1044	2064	2064	2042	2042	2041	2041	1095	1095	1077	1077	1075
63:04	74:06	74:06	74:06	74:06	74:05	74:05	63:01	63:01	63:01	63:01	63:00
63	74	74	74	74	74	74	63	63	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
JVC	S1X	S1X	S2X	S2X	KODAK	KODAK	S1X	S1X	S2X	S2X	KODAK
4	1	1	1	1	3	3	1	1	2	2	3
							Al Cal.		Al. Cal.		
4	4	4	4	4	4	4	5	5	5	5	5
48	49	50	51	52	53	54	55	56	57	58	59
44.6	45.0	44.5	44.9	44.5	44.9	44.7	45	44.8	44.9	44.8	45.0
49.7	49.8	49.8	49.9	49.9	49.8	49.8	49.6	49.6	49.7	49.8	49.7
115.3	115.7	115.6	115.7	115.7	115.6	115.6	114.6	114.6	114.7	114.6	114.6
1.4	1.20	1.20	1.18	1.20	1.19	1.2	1.36	1.38	1.38	1.38	1.39
1.6	1.61	1.60	1.63	1.60	1.62	1.6	1.63	1.61	1.61	1.61	1.60
20	15	22	15	14	11	20	14	16	18	24	15
0.094	0.090	0.094	0.083	0.088	0.086	0.087	0.067	0.062	0.067	0.063	0.068
0.108	0.102	0.103	0.098	0.100	0.103	0.100	0.072	0.070	0.073	0.069	0.075
0.102	0.098	0.100	0.093	0.096	0.098	0.096	0.070	0.067	0.070	0.067	0.072
24	23	22	24	23	21	21	21	21	24	25	22
27	24	24	26	25	25	22	24	25	27	26	27
26	23	23	25	24	22	22	22	23	25	25	23
-0.19	0.10	-0.14	0.10	-0.14	0.09	-0.11	0.09	-0.05	0.10	-0.04	0.10
0.02	0.28	0.08	0.26	0.06	0.26	0.10	0.27	0.07	0.26	0.12	0.28
-0.08	0.16	-0.02	0.15	-0.04	0.15	-0.02	0.15	0.00	0.15	0.03	0.16
-0.3	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.3	-0.2	-0.2	-0.3	-0.2
0.2	0.0	0.2	0.0	0.2	0.1	0.2	0.0	0.2	0.0	0.1	0.0
-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.2	0.0	-0.1	-0.1	-0.1
0	0	2	0	0	0	0	0	0	0	0	0
07 29 00	08 35 00	17 24 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	01 22 00	00 31 00	01 06 00	04 06 00
7.48	8.58	17.40	0.05	0.05	0.05	0.07	0.05	1.37	0.52	1.10	4.10
49	32	95	17	19	14	20	55	31	63	55	29
61 14 00	03 28 00	70 39 00	61 27 00	27 15 00	11 14 00	64 14 00	59 19 00	35 14 00	30 26 00	30 13 00	13 05 00
61.23	3.47	70.65	61.45	27.25	11.23	64.23	59.32	35.23	30.43	30.22	13.08
9	5	25	0	1	1	2	11	7	15	12	4
0	0	2	0	0	0	0	0	0	0	0	0
07 29 00	08 35 00	17 24 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	01 22 00	00 28 00	01 06 00	04 06 00
7.48	8.58	17.40	0.05	0.05	0.05	0.05	0.05	1.37	0.47	1.10	4.10
38	32	77	12	12	12	16	49	28	59	46	28
00 03 00	03 28 00	70 39 00	08 29 00	09 12 00	06 47 00	28 45 00	59 19 00	35 14 00	30 26 00	35 09 00	01 45 00
0.05	3.47	70.65	8.48	9.20	6.78	28.75	59.32	35.23	30.43	35.15	1.75
6	5	21	0	0	0	1	10	6	14	11	4
0	0	0	0	0	0	0	0	0	0	0	0
00 08 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.13	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
8	8	8	8	7	8	8	9	6	8	6	7
57 01 00	39 51 00	39 51 00	05 16 00	10 57 00	11 03 00	67 20 00	60 20 00	43 56 00	31 06 00	14 14 00	41 36 00
57.02	39.85	39.85	5.27	10.95	11.05	67.33	60.33	43.93	31.10	14.23	41.60
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.08	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05
31	12	29	12	11	12	13	15	19	14	13	10
55 56 00	59 29 00	70 07 00	61 27 00	27 15 00	11 15 00	05 49 00	16 13 00	16 12 00	33 35 00	00 28 00	24 19 00
55.93	59.48	70.12	61.45	27.25	11.25	5.82	16.22	16.20	33.58	0.47	24.32
2	0	3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.08	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05
416	185	356	90	104	142	149	129	159	119	119	95
61 07 00	73 51 00	69 52 00	61 27 00	61 27 00	21 35 00	21 34 00	16 07 00	16 12 00	33 35 00	33 34 00	54 11 00
61.12	73.85	69.87	61.45	61.45	21.58	21.57	16.12	16.20	33.58	33.57	54.18
25	2	38	0	1	1	6	7	8	5	4	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.08	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05
43	53	75	0	0	11	16	7	13	19	10	11
61 14 00	00 03 00	69 57 00	00 00 00	00 00 00	74 05 00	00 03 00	47 51 00	33 31 00	33 15 00	03 45 00	63 00 00
61.23	0.05	69.95	0.00	0.00	74.08	0.05	47.85	33.52	33.25	3.75	63.00
0	0	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.08	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05
103	505	32	0	0	98	162	0	0	0	0	104
63 04 00	00 03 00	71 05 00	00 00 00	00 00 00	74 05 00	00 03 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00
63.07	0.05	71.08	0.00	0.00	74.08	0.05	0.00	0.00	0.00	0.00	63.00
0	0	0	0	0	0	0	0	0	0	0	0
0.45	0.34	0.32	0.34	0.32	0.29	0.27	0.47	0.48	0.49	0.49	0.46
16 22 00	21 13 00	74 06 00	67 05 00	74 05 00	73 08 00	74 03 00	00 17 00	05 25 00	61 23 00	23 09 00	63 00 00
16.37	21.22	74.10	67.08	74.08	73.13	74.05	0.28	5.42	61.38	23.15	63.00
0.51	0.39	0.38	0.38	0.38	0.37	0.36	0.55	0.54	0.54	0.52	0.50
00 30 00	00 45 00	00 34 00	00 13 00	00 10 00	00 16 00	00 23 00	63 01 00	63 01 00	63 01 00	63 01 00	09 59 00
0.50	0.75	0.57	0.22	0.17	0.27	0.38	63.02	63.02	63.02	63.02	9.98
0.48	0.36	0.35	0.36	0.35	0.33	0.32	0.50	0.50	0.51	0.51	0.48
0.68	0.71	0.73	0.73	0.73	0.72	0.71	0.68	0.68	0.74	0.73	0.71
17 01 00	73 54 00	73 53 00	73 35 00	73 58 00	73 07 00	73 58 00	01 11 00	00 22 00	02 14 00	03 44 00	00 36 00
17.02	73.90	73.88	73.58	73.97	73.12	73.97	1.18	0.37	2.23	3.73	0.60
0.74	0.77	0.79	0.80	0.81	0.81	0.81	0.76	0.76	0.80	0.79	0.74
01 22 00	00 49 00	00 12 00	00 05 00	00 35 00	00 05 00	00 05 00	63 00 00	63 00 00	36 23 00	36 23 00	61 48 00
1.37	0.82	0.20	0.08	0.58	0.08	0.08	63.00	63.00	36.38	36.38	61.80
0.72	0.73	0.76	0.75	0.77	0.76	0.76	0.73	0.72	0.77	0.76	0.73
0.46	0.35	0.33	0.35	0.33	0.31	0.29	0.50	0.52	0.53	0.54	0.49
16 22 00	05 57 00	74 06 00	35 38 00	74 05 00	73 39 00	74 03 00	08 20 00	19 11 00	32 02 00	23 09 00	06 10 00
16.37	5.95	74.10	35.63	74.08	73.65	74.05	8.33	19.18	32.03	23.15	6.17
0.52	0.40	0.39	0.39	0.38	0.36	0.36	0.60	0.61	0.57	0.59	0.53
59 22 00	57 53 00	67 58 00	31 12 00	00 10 00	15 13 00	01 41 00	63 01 00	63 01 00	63 01 00	48 48 00	01 21 00
59.37	57.88	67.97	31.20	0.17	15.22	1.68	63.02	63.02	63.02	48.80	1.35
0.49	0.37	0.36	0.37	0.36	0.34	0.33	0.53	0.55	0.55	0.56	0.51
0.69	0.72	0.73	0.76	0.77	0.75	0.76	0.73	0.75	0.78	0.81	0.74

11 21 00	14 59 00	18 24 00	35 38 00	19 08 00	73 30 00	01 50 00	08 20 00	00 26 00	07 30 00	00 27 00	06 10 00
11.35	14.98	18.40	35.63	19.13	73.50	1.83	8.33	0.43	7.50	0.45	6.17
0.77	0.79	0.82	0.83	0.83	0.82	0.81	0.84	0.85	0.86	0.90	0.80
51 16 00	49 25 00	67 58 00	54 31 00	67 46 00	26 35 00	51 19 00	59 36 00	59 13 00	25 31 00	48 48 00	55 29 00
51.27	49.42	67.97	54.52	67.77	26.58	51.32	59.60	59.22	25.52	48.80	55.48
0.73	0.76	0.78	0.79	0.80	0.79	0.79	0.77	0.80	0.83	0.85	0.77
69	67	67	66	68	66	67	66	68	67	67	66
51 16 00	72 40 00	67 58 00	54 31 00	67 46 00	58 56 00	73 29 00	59 36 00	59 13 00	35 18 00	48 48 00	02 28 00
51.27	72.67	67.97	54.52	67.77	58.93	73.48	59.60	59.22	35.30	48.80	2.47
76	73	75	73	74	74	76	72	73	71	73	71
02 32 00	00 47 00	00 35 00	01 41 00	00 28 00	01 58 00	01 50 00	44 10 00	35 00 00	32 02 00	62 19 00	18 03 00
2.53	0.78	0.58	1.68	0.47	1.97	1.83	44.17	35.00	32.03	62.32	18.05
72	70	71	70	71	70	71	69	70	68	70	68
0	-1	-3	-2	-2	0	0	-3	-2	-4	-4	-2
00 04 00	04 41 00	05 57 00	69 10 00	69 17 00	06 54 00	11 30 00	02 29 00	00 55 00	02 21 00	00 26 00	30 17 00
0.07	4.68	5.95	69.17	69.28	6.90	11.50	2.48	0.92	2.35	0.43	30.28
-9	-10	-10	-8	-9	9	9	-13	-13	-10	-10	-4
62 59 00	66 56 00	67 15 00	18 26 00	18 08 00	73 55 00	74 01 00	60 45 00	60 45 00	22 33 00	22 33 00	61 00 00
62.98	66.93	67.25	18.43	18.13	73.92	74.02	60.75	60.75	22.55	22.55	61.00
-7	-6	-7	-5	-6	2	2	-8	-8	-8	-8	-3
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	5	8	3	3	5	5	5	5	3	5	4
60 58 00	00 06 00	58 26 00	48 38 00	18 45 00	00 10 00	00 09 00	00 15 00	00 12 00	11 58 00	00 10 00	00 19 00
60.97	0.10	58.43	48.63	18.75	0.17	0.15	0.25	0.20	11.97	0.17	0.32
0	0	1	0	0	0	0	0	0	0	0	0
3	13	2	5	2	5	1	6	5	4	1	4
52 45 00	04 49 00	71 14 00	43 19 00	32 39 00	71 29 00	39 32 00	14 17 00	03 15 03	61 14 00	26 53 00	48 42 00
52.75	4.82	71.23	43.32	32.65	71.48	39.53	14.28	3.25	61.23	26.88	48.70
9	26	22	14	12	15	8	25	25	21	21	23
38 13 00	33 46 00	28 01 00	52 02 00	25 22 00	06 54 00	12 06 00	41 37 00	41 37 00	41 31 00	41 32 00	41 35 00
38.22	33.77	28.02	52.03	25.37	6.90	12.10	41.62	41.62	41.52	41.53	41.58
5	19	7	8	4	7	3	12	11	6	4	6
2	0	1	0	0	0	0	0	0	0	0	0
103	608	468	0	0	98	260	0	0	0	0	104

1075	1079	1079	2132	2132	3126	3126	3125	3125	3127	3127	1051
63:00	62:58	62:58	63:06	63:06	63:04	63:04	63:04	63:04	63:04	63:04	63:01
63	63	63	63	63	63	63	63	63	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
KODAK	JVC?	JVC?	S2X	S2X	JVC	JVC	JVC	JVC	JVC	JVC	S1X
3	4	4	2	2	4	4	4	4	4	4	1
			Al. Cal.								
5	5	5	6	6	6	6	6	6	6	6	7
60	61	62	63	64	65	66	67	68	69	70	71
44.6	44.9	44.6	44.9	44.9	45	44.6	45	44.5	45	44.6	45.0
49.7	49.7	49.7	49.6	49.7	49.7	49.7	49.7	49.6	49.7	49.6	49.8
114.6	114.6	114.6	114	114.0	114.2	114.1	114.2	114.1	114.2	114.1	115.0
1.38	1.38	1.39	1.36	1.38	1.37	1.42	1.42	1.42	1.42	1.42	1.38
1.61	1.61	1.6	1.6	1.59	1.6	1.55	1.54	1.55	1.55	1.55	1.62
23	21	22	14	14	18	0	24	31	10	17	12
0.067	0.066	0.066	0.071	0.065	0.073	0.071	0.073	0.071	0.074	0.073	0.065
0.074	0.073	0.074	0.093	0.074	0.080	0.080	0.080	0.080	0.079	0.081	0.076
0.071	0.070	0.070	0.076	0.071	0.077	0.077	0.077	0.077	0.078	0.078	0.071
22	22	21	19	18	19	18	19	18	19	20	24
24	25	23	22	24	22	21	22	21	26	22	28
22	22	22	21	22	21	20	21	20	22	21	25
-0.11	0.11	-0.12	0.11	0.01	0.12	-0.14	0.12	-0.14	0.13	-0.18	0.13
0.05	0.25	0.03	0.27	0.12	0.28	-0.01	0.28	-0.01	0.29	0.00	0.35
-0.03	0.15	-0.04	0.16	0.05	0.17	-0.07	0.18	-0.07	0.18	-0.07	0.20
-0.2	-0.2	-0.3	-0.3	-0.2	-0.3	-0.2	-0.3	-0.2	-0.2	-0.2	-0.3
0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	-0.1
-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
02 52 00	00 38 00	01 41 00	00 06 00	17 27 00	00 07 00	00 17 00	00 06 00	01 42 00	03 21 00	11 28 00	00 56 00
2.87	0.63	1.68	0.10	17.45	0.12	0.28	0.10	1.70	3.35	11.47	0.93
30	30	28	67	76	40	34	40	35	110	55	190
07 28 00	14 20 00	02 12 00	13 51 00	13 51 00	56 42 00	56 42 00	60 26 00	04 53 00	62 58 00	53 58 00	08 22 00
7.47	14.33	2.20	13.85	13.85	56.70	56.70	60.43	4.88	62.97	53.97	8.37
4	3	3	5	7	6	5	6	5	16	7	1
0	0	0	0	0	0	0	0	0	0	0	0
02 52 00	00 38 00	01 41 00	00 06 00	17 27 00	00 07 00	00 06 00	00 04 00	01 42 00	03 21 00	09 02 00	00 56 00
2.87	0.63	1.68	0.10	17.45	0.12	0.10	0.07	1.70	3.35	9.03	0.93
28	24	22	24	25	32	18	28	21	78	28	151
07 28 00	35 01 00	21 49 00	50 53 00	08 13 00	62 50 00	56 42 00	62 12 00	00 37 00	62 58 00	00 43 00	08 22 00
7.47	35.02	21.82	50.88	8.22	62.83	56.70	62.20	0.62	62.97	0.72	8.37
4	2	2	4	5	5	3	5	3	13	6	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 05 00	00 04 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.08	0.07	0.05	0.07	0.05	0.05	0.05	0.05	0.07
8	8	11	9	10	11	7	9	11	15	9	32
30 58 00	02 13 00	19 49 00	13 50 01	13 50 02	53 30 00	04 04 00	07 24 00	17 32 00	62 58 00	62 00 00	08 22 00
30.97	2.22	19.82	13.83	13.83	53.50	4.07	7.40	17.53	62.97	62.00	8.37
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 05 00	00 05 00	00 03 00	00 03 00	00 05 00	00 04 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.08	0.08	0.05	0.05	0.08	0.07	0.05	0.05	0.05
13	17	12	52	56	20	18	21	20	40	33	23
54 12 00	14 20 00	28 19 00	13 51 00	13 51 00	56 42 00	08 08 00	04 53 00	06 45 00	60 39 00	53 58 00	06 08 00
54.20	14.33	28.32	13.85	13.85	56.70	8.13	4.88	6.75	60.65	53.97	6.13
0	0	0	1	1	1	1	0	1	2	1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 05 00	00 05 00	00 03 00	00 03 00	00 05 00	00 04 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.08	0.08	0.05	0.05	0.08	0.07	0.05	0.05	0.05
145	100	113	612	604	232	187	209	214	349	226	210
54 12 00	28 20 00	28 19 00	13 20 00	13 57 00	56 42 00	08 07 00	08 06 00	06 45 00	60 39 00	08 08 00	06 22 00
54.20	28.33	28.32	13.33	13.95	56.70	8.12	8.10	6.75	60.65	8.13	6.37
2	1	2	14	17	7	11	7	9	18	12	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05
11	111	0	216	253	11	26	13	24	18	33	13
63 00 00	00 03 00	00 00 00	13 47 00	13 47 00	56 41 00	09 55 00	63 04 00	46 00 00	61 37 00	53 58 00	06 22 00
63.00	0.05	0.00	13.78	13.78	56.68	9.92	63.07	46.00	61.62	53.97	6.37
0	0	0	1	2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05
104	1090	0	0	104	104	104	104	104	104	104	0
63 00 00	00 03 00	00 00 00	00 00 00	00 03 00	63 04 00	63 04 00	63 04 00	63 04 00	63 04 00	63 04 00	00 00 00
63.00	0.05	0.00	0.00	0.05	63.07	63.07	63.07	63.07	63.07	63.07	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.47	0.48	0.48	0.44	0.43	0.40	0.41	0.41	0.40	0.41	0.41	0.51
15 38 00	62 58 00	23 43 00	61 41 00	14 02 00	63 03 00	00 03 00	61 50 00	00 08 00	63 03 00	62 56 00	58 57 00
15.63	62.97	23.72	61.68	14.03	63.05	0.05	61.83	0.13	63.05	62.93	58.95
0.50	0.51	0.51	0.51	0.52	0.46	0.45	0.46	0.45	0.47	0.46	0.56
55 28 00	21 24 00	59 07 00	03 57 00	07 19 00	46 58 00	56 53 00	45 09 00	01 08 00	06 29 00	03 48 00	63 00 00
55.47	21.40	59.12	3.95	7.32	46.97	56.88	45.15	1.13	6.48	3.80	63.00
0.48	0.50	0.49	0.48	0.49	0.43	0.43	0.44	0.43	0.44	0.43	0.53
0.72	0.69	0.70	0.66	0.66	0.56	0.56	0.55	0.55	0.56	0.56	0.76
09 27 00	14 19 00	18 55 00	62 57 00	14 02 00	00 04 00	00 06 00	00 05 00	00 08 00	00 03 00	00 06 00	32 37 00
9.45	14.32	18.92	62.95	14.03	0.07	0.10	0.08	0.13	0.05	0.10	32.62
0.76	0.74	0.75	0.72	0.71	0.63	0.64	0.63	0.63	0.64	0.65	0.82
60 13 00	57 22 00	57 46 00	04 55 00	53 11 00	55 27 00	56 54 00	53 09 00	52 51 00	51 10 00	56 53 00	58 41 00
60.22	57.37	57.77	4.92	53.18	55.45	56.90	53.15	52.85	51.17	56.88	58.68
0.74	0.72	0.72	0.70	0.70	0.59	0.60	0.59	0.60	0.61	0.61	0.79
0.50	0.50	0.50	0.44	0.45	0.41	0.41	0.41	0.41	0.42	0.42	0.53
26 26 00	54 57 00	29 38 00	59 34 00	14 02 00	50 13 00	23 16 00	23 36 00	21 34 00	60 04 00	23 22 00	24 21 00
26.43	54.95	29.63	59.57	14.03	50.22	23.27	23.60	21.57	60.07	23.37	24.35
0.54	0.55	0.54	0.51	0.54	0.47	0.46	0.47	0.46	0.48	0.48	0.57
00 53 00	06 52 00	02 14 00	00 16 00	00 32 00	01 31 00	03 30 00	49 24 00	01 08 00	01 03 00	01 09 00	23 28 00
0.88	6.87	2.23	0.27	0.53	1.52	3.50	49.40	1.13	1.05	1.15	23.47
0.52	0.53	0.52	0.48	0.51	0.44	0.43	0.44	0.43	0.45	0.44	0.55
0.76	0.72	0.73	0.66	0.68	0.57	0.57	0.56	0.56	0.59	0.59	0.77

11 02 00	14 19 00	19 51 00	62 57 00	34 35 00	15 55 00	00 03 00	23 36 00	03 36 00	10 58 00	00 03 00	24 21 00
11.03	14.32	19.85	62.95	34.58	15.92	0.05	23.60	3.60	10.97	0.05	24.35
0.82	0.80	0.79	0.72	0.75	0.65	0.65	0.64	0.65	0.65	0.67	0.84
62 56 00	59 13 00	61 16 00	00 33 00	38 31 00	58 38 00	61 12 00	56 28 00	56 53 00	62 06 00	61 44 00	57 12 00
62.93	59.22	61.27	0.55	38.52	58.63	61.20	56.47	56.88	62.10	61.73	57.20
0.78	0.76	0.76	0.69	0.72	0.60	0.61	0.60	0.61	0.62	0.62	0.81
66	65	68	71	73	69	69	69	70	68	70	67
62 56 00	06 52 00	02 14 00	00 39 00	00 13 00	00 07 00	00 07 00	00 11 00	00 29 00	00 44 00	00 07 00	30 21 00
62.93	6.87	2.23	0.65	0.22	0.12	0.12	0.18	0.48	0.73	0.12	30.35
71	71	73	76	79	74	74	75	75	74	74	75
57 43 00	54 57 00	29 38 00	19 14 00	34 35 00	18 04 00	21 45 00	23 36 00	03 36 00	55 27 00	47 26 00	05 35 00
57.72	54.95	29.63	19.23	34.58	18.07	21.75	23.60	3.60	55.45	47.43	5.58
69	69	70	73	76	72	72	72	72	71	72	70
-2	-3	-3	-1	-1	-4	-4	-3	-3	-6	-6	-1
15 38 00	15 35 00	00 03 00	62 09 00	52 29 00	00 03 00	00 07 00	00 06 00	03 22 00	00 05 00	00 05 00	00 42 00
15.63	15.58	0.05	62.15	52.48	0.05	0.12	0.10	3.37	0.08	0.08	0.70
-4	-6	-6	-5	-5	-10	-11	-11	-11	-14	-14	-9
44 40 00	55 59 00	43 16 00	02 39 00	05 09 00	62 39 00	62 58 00	62 07 00	59 37 00	62 45 00	63 01 00	59 14 00
44.67	55.98	43.27	2.65	5.15	62.65	62.97	62.12	59.62	62.75	63.02	59.23
-3	-4	-4	-3	-3	-7	-7	-7	-7	-10	-10	-6
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 05 00	00 10 00	00 03 00	00 03 00	00 05 00	00 04 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.08	0.17	0.05	0.05	0.08	0.07	0.05	0.05	0.05
3	6	3	9	9	4	4	4	8	4	12	3
13 05 00	14 20 00	41 36 00	13 51 00	13 53 03	56 42 00	12 52 00	56 42 00	00 03 00	53 58 00	53 58 00	00 42 00
13.08	14.33	41.60	13.85	13.88	56.70	12.87	56.70	0.05	53.97	53.97	0.70
0	0	0	0	0	0	0	0	0	1	0	0
0	3	0	5	4	6	2	5	2	5	2	10
00 04 00	22 09 00	61 04 00	33 12 00	13 50 02	17 00 00	16 24 00	62 06 03	61 28 00	16 14 03	11 46 00	24 58 00
0.07	22.15	61.07	33.20	13.83	17.00	16.40	62.10	61.47	16.23	11.77	24.97
7	51	12	24	22	23	19	20	20	22	20	30
41 35 00	14 19 00	41 35 00	56 38 00	56 38 00	01 03 00	43 16 00	00 49 00	43 15 00	00 53 00	44 01 00	59 16 00
41.58	14.32	41.58	56.63	56.63	1.05	43.27	0.82	43.25	0.88	44.02	59.27
0	6	3	8	6	10	6	10	6	10	6	17
0	0	0	58	127	0	0	0	1	0	2	0
104	1220	0	0	123	104	104	104	104	121	174	0

1051	2033	2033	2042	2042	3054	3054	5094	5094	1821	1821	1804
63:01	63:01	63:01	62:58	62:58	74:06	74:06	74:05	74:05	63:01	63:01	63:01
63	63	63	63	63	74	74	74	74	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
S1X	S2X	S2X	KODAK	KODAK	S2X	S2X	KODAK	KODAK	S1X	S1X	S2X
1	2	2	3	3	2	2	3	3	1	1	2
7	7	7	7	7	7	7	7	7	8	8	8
72	73	74	75	76	77	78	79	80	81	82	83
44.6	44.9	44.7	44.9	44.7	45.0	44.6	45	44.6	44.9	44.6	44.9
49.8	49.9	49.9	49.8	49.8	49.9	49.9	49.8	49.8	49.7	49.8	49.9
115.0	115.1	115.1	115.1	115.0	115.3	115.3	115.3	115.2	115.1	115.1	115.2
1.39	1.40	1.40	1.39	1.40	1.17	1.19	1.19	1.19	1.38	1.39	1.38
1.60	1.60	1.60	1.61	1.60	1.63	1.60	1.61	1.6	1.62	1.60	1.62
21	35	25	21	26	19	19	14	22	9	14	17
0.067	0.068	0.069	0.074	0.075	0.065	0.064	0.066	0.068	0.079	0.080	0.063
0.077	0.080	0.082	0.082	0.084	0.073	0.074	0.081	0.083	0.095	0.096	0.083
0.072	0.076	0.077	0.079	0.080	0.070	0.069	0.075	0.077	0.089	0.090	0.074
23	22	22	20	21	21	21	19	18	25	25	21
25	26	24	23	22	25	23	24	21	29	28	29
24	23	22	22	21	22	22	20	19	27	26	23
-0.18	0.10	-0.11	0.10	-0.10	0.10	-0.12	0.12	-0.15	0.14	-0.18	0.15
0.00	0.28	0.08	0.28	0.04	0.31	0.05	0.32	0.00	0.34	-0.01	0.35
-0.07	0.16	-0.02	0.16	-0.03	0.17	-0.03	0.18	-0.06	0.21	-0.08	0.22
-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3
0.1	0.0	0.1	0.0	0.1	-0.1	0.1	0.0	0.1	0.0	0.2	0.0
-0.1	-0.1	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	-0.1	-0.2	-0.1	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
00 48 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 04 00	00 03 00	00 04 00
0.80	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.07	0.05	0.07
169	23	21	24	23	22	25	36	33	19	19	19
08 22 00	04 49 00	03 26 00	04 53 00	15 48 00	01 22 00	01 21 00	10 17 00	01 28 00	21 20 00	01 13 00	49 48 00
8.37	4.82	3.43	4.88	15.80	1.37	1.35	10.28	1.47	21.33	1.22	49.80
1	0	0	0	0	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 48 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 04 00	00 03 00	00 04 00
0.80	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.07	0.05	0.07
140	12	13	12	14	14	14	24	24	17	17	15
08 22 00	04 49 00	04 48 00	36 29 00	05 58 00	11 38 00	18 45 00	10 17 00	10 17 00	33 35 00	08 43 00	33 26 00
8.37	4.82	4.80	36.48	5.97	11.63	18.75	10.28	10.28	33.58	8.72	33.43
0	0	0	0	0	1	1	0	0	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
27	10	9	10	7	7	6	8	10	9	8	5
08 22 00	02 07 00	02 06 00	05 59 00	04 59 00	21 44 00	34 26 00	01 41 00	01 39 00	10 42 00	00 36 00	21 05 00
8.37	2.12	2.10	5.98	4.98	21.73	34.43	1.68	1.65	10.70	0.60	21.08
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
26	14	12	17	16	14	18	26	24	14	11	14
06 07 00	03 27 00	19 07 00	37 06 00	15 48 00	01 22 00	17 47 00	01 40 00	01 32 00	03 50 00	01 13 00	03 44 00
6.12	3.45	19.12	37.10	15.80	1.37	17.78	1.67	1.53	3.83	1.22	3.73
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
280	136	130	221	231	125	165	196	185	92	101	119
06 24 00	19 08 00	19 07 00	37 07 00	37 07 00	01 22 00	06 44 00	01 40 00	06 48 00	61 31 00	61 34 00	13 21 00
6.40	19.13	19.12	37.12	37.12	1.37	6.73	1.67	6.80	61.52	61.57	13.35
3	0	0	1	2	1	1	4	7	0	1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	0	6	10	10	0	0	44	45	0	0	0
06 18 00	00 00 00	03 26 00	62 58 00	62 58 00	00 00 00	00 00 00	01 33 00	01 32 00	00 00 00	00 00 00	00 00 00
6.30	0.00	3.43	62.97	62.97	0.00	0.00	1.55	1.53	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0	0	0	104	103	0	0	104	102	0	0	0
00 00 00	00 00 00	00 00 00	62 58 00	62 58 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00
0.00	0.00	0.00	62.97	62.97	0.00	0.00	74.08	74.08	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.49	0.54	0.52	0.51	0.50	0.36	0.35	0.34	0.32	0.39	0.37	0.38
32 14 00	41 17 00	48 16 00	16 55 00	20 08 00	01 15 00	73 50 00	02 16 00	73 31 00	01 21 00	09 45 00	41 20 00
32.23	41.28	48.27	16.92	20.13	1.25	73.83	2.27	73.52	1.35	9.75	41.33
0.55	0.59	0.57	0.57	0.55	0.40	0.39	0.37	0.36	0.43	0.41	0.48
00 53 00	62 29 00	00 03 00	61 53 00	58 43 00	74 05 00	01 38 00	34 24 00	00 23 00	47 09 00	57 46 00	63 01 00
0.88	62.48	0.05	61.88	58.72	74.08	1.63	34.40	0.38	47.15	57.77	63.02
0.52	0.56	0.54	0.54	0.53	0.37	0.37	0.35	0.34	0.41	0.40	0.42
0.78	0.79	0.79	0.79	0.79	0.76	0.76	0.72	0.72	0.62	0.64	0.70
27 04 00	43 59 00	48 16 00	28 12 00	33 29 00	27 20 00	73 50 00	41 26 00	73 55 00	00 33 00	00 43 00	17 47 00
27.07	43.98	48.27	28.20	33.48	27.33	73.83	41.43	73.92	0.55	0.72	17.78
0.84	0.87	0.86	0.85	0.85	0.83	0.84	0.81	0.82	0.66	0.68	0.79
56 12 00	63 00 00	63 00 00	60 52 00	61 40 00	00 33 00	67 59 00	03 02 00	60 07 00	54 10 00	47 50 00	63 01 00
56.20	63.00	63.00	60.87	61.67	0.55	67.98	3.03	60.12	54.17	47.83	63.02
0.81	0.83	0.83	0.81	0.82	0.80	0.81	0.78	0.78	0.65	0.66	0.74
0.50	0.55	0.52	0.52	0.52	0.36	0.36	0.34	0.33	0.41	0.40	0.40
13 25 00	03 04 00	26 48 00	16 55 00	18 08 00	09 23 00	20 15 00	00 28 00	07 50 00	01 31 00	09 45 00	61 54 00
13.42	3.07	26.80	16.92	18.13	9.38	20.25	0.47	7.83	1.52	9.75	61.90
0.56	0.61	0.58	0.59	0.58	0.43	0.41	0.39	0.38	0.47	0.45	0.50
02 27 00	60 21 00	54 02 00	52 06 00	38 13 00	74 05 00	50 25 00	21 36 00	67 35 00	43 11 00	60 26 00	63 01 00
2.45	60.35	54.03	52.10	38.22	74.08	50.42	21.60	67.58	43.18	60.43	63.02
0.53	0.58	0.56	0.56	0.55	0.39	0.39	0.37	0.36	0.44	0.43	0.45
0.80	0.82	0.80	0.80	0.82	0.80	0.81	0.78	0.78	0.66	0.68	0.73

07 23 00	33 46 00	26 48 00	16 55 00	18 08 00	01 07 00	04 35 00	31 33 00	47 33 00	02 32 00	02 49 00	61 54 00
7.38	33.77	26.80	16.92	18.13	1.12	4.58	31.55	47.55	2.53	2.82	61.90
0.86	0.89	0.89	0.87	0.89	0.88	0.88	0.84	0.86	0.73	0.75	0.83
53 17 00	10 14 00	33 37 00	18 31 00	39 00 00	42 29 00	58 04 00	44 03 00	60 21 00	62 45 00	29 18 00	63 01 00
53.28	10.23	33.62	18.52	39.00	42.48	58.07	44.05	60.35	62.75	29.30	63.02
0.83	0.86	0.85	0.85	0.85	0.84	0.84	0.81	0.82	0.70	0.71	0.79
68	67	68	67	66	65	66	66	67	64	65	65
45 37 00	51 11 00	31 34 00	18 31 00	39 00 00	37 04 00	58 04 00	37 51 00	38 09 00	17 42 00	29 18 00	24 01 00
45.62	51.18	31.57	18.52	39.00	37.07	58.07	37.85	38.15	17.70	29.30	24.02
75	74	75	75	74	74	74	73	74	70	70	70
03 17 00	03 04 00	26 48 00	62 13 00	18 08 00	20 02 00	04 35 00	05 32 00	07 50 00	62 08 00	58 58 00	44 00 00
3.28	3.07	26.80	62.22	18.13	20.03	4.58	5.53	7.83	62.13	58.97	44.00
71	70	71	70	71	69	70	69	70	67	68	68
-2	0	0	0	0	0	0	0	0	-2	-2	2
01 08 00	00 04 00	03 16 00	08 15 00	00 40 00	02 42 00	04 55 00	04 58 00	04 18 00	63 00 00	41 53 00	00 20 00
1.13	0.07	3.27	8.25	0.67	2.70	4.92	4.97	4.30	63.00	41.88	0.33
-9	4	4	-2	-2	-7	-7	-4	-5	-8	-8	9
56 44 00	53 05 00	53 32 00	55 01 00	49 04 00	72 24 00	71 06 00	73 42 00	74 05 00	61 31 00	00 35 00	44 21 00
56.73	53.08	53.53	55.02	49.07	72.40	71.10	73.70	74.08	61.52	0.58	44.35
-6	0	0	0	-1	-2	-2	0	0	-5	-5	6
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05
3	5	3	3	4	5	8	4	4	3	9	5
00 41 00	00 41 00	03 26 00	05 14 00	36 26 00	00 03 00	00 26 00	01 23 00	01 21 00	03 50 00	00 19 00	00 12 00
0.68	0.68	3.43	5.23	36.43	0.05	0.43	1.38	1.35	3.83	0.32	0.20
0	0	0	0	0	0	0	0	0	0	0	0
3	5	1	5	0	5	1	5	1	14	2	5
59 46 00	58 42 00	34 59 00	34 22 00	61 42 00	61 26 00	61 05 00	46 21 00	55 53 00	01 53 00	61 19 00	29 06 00
59.77	58.70	34.98	34.37	61.70	61.43	61.08	46.35	55.88	1.88	61.32	29.10
26	15	11	28	11	19	9	12	7	40	34	12
58 21 00	00 03 00	00 34 00	16 55 00	00 05 00	73 53 00	00 32 00	52 20 00	24 39 00	62 45 00	09 53 00	00 15 00
58.35	0.05	0.57	16.92	0.08	73.88	0.53	52.33	24.65	62.75	9.88	0.25
8	8	4	8	3	8	4	7	4	27	8	7
0	0	0	0	0	0	1	0	0	0	1	0
0	0	0	104	103	0	0	104	102	0	0	0

1804	1553	1553	2222	2222	2224	2224	2272	2272	1422	1422	1636
				ntis has							
63:01	63:00	63:00	74:06	74:06	74:06	74:06	74:05	74:05	63:01	63:01	63:01
63	63	63	74	74	74	74	74	74	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
S2X	KODAK	KODAK	S1X	S1X	S2X	S2X	KODAK	KODAK	S1X	S1X	S2X
2	3	3	1	1	2	2	3	3	1	1	2
8	8	8	8	8	8	8	8	8	9	9	9
84	85	86	87	88	89	90	91	92	93	94	95
44.6	44.9	44.6	44.9	44.6	44.9	44.6	44.9	44.6	44.9	44.6	45
49.9	49.8	49.8	49.7	49.7	49.9	49.9	49.8	49.8	49.7	49.7	49.8
115.2	115.1	115.1	115.8	115.8	115.9	115.9	115.9	115.8	114.9	114.9	115
1.39	1.38	1.39	1.18	1.20	1.20	1.20	1.17	1.2	1.39	1.39	1.38
1.61	1.62	1.60	1.63	1.61	1.61	1.61	1.65	1.61	1.61	1.6	1.62
19	14	14	16	0	18	20	16	24	26	35	30
0.066	0.063	0.064	0.079	0.082	0.068	0.070	0.076	0.076	0.076	0.074	0.069
0.084	0.077	0.076	0.092	0.095	0.087	0.089	0.091	0.091	0.084	0.083	0.076
0.077	0.071	0.070	0.086	0.090	0.078	0.080	0.085	0.084	0.080	0.079	0.074
21	23	23	22	22	21	21	22	21	21	21	23
25	27	25	26	25	25	24	26	23	26	24	27
23	24	23	23	23	22	22	23	22	22	22	25
-0.21	0.12	-0.12	0.12	-0.19	0.11	-0.13	0.12	-0.13	0.10	-0.09	0.11
-0.01	0.28	0.02	0.31	0.02	0.27	0.05	0.25	0.03	0.24	0.03	0.24
-0.09	0.18	-0.05	0.19	-0.07	0.17	-0.04	0.17	-0.04	0.14	-0.03	0.15
-0.3	-0.2	-0.2	-0.3	-0.3	-0.2	-0.2	-0.2	-0.3	-0.5	-0.2	-0.4
0.1	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.2	0.0	0.2	0.0
-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	0.0	-0.1	-0.1	-0.3	0.0	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 06 00	00 03 00	00 09 00	00 12 00	00 04 00	00 04 00	00 06 00	00 17 00	00 03 00	00 05 00	00 03 00
0.07	0.10	0.05	0.15	0.20	0.07	0.07	0.10	0.28	0.05	0.08	0.05
25	21	22	27	36	23	23	25	27	17	23	41
13 22 00	07 19 00	07 18 00	02 46 00	02 45 00	02 40 00	06 08 00	02 44 00	02 44 00	08 51 00	33 40 00	24 50 00
13.37	7.32	7.30	2.77	2.75	2.67	6.13	2.73	2.73	8.85	33.67	24.83
1	1	1	4	4	1	1	1	2	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 06 00	00 03 00	00 09 00	00 12 00	00 04 00	00 04 00	00 06 00	00 17 00	00 03 00	00 03 00	00 03 00
0.07	0.10	0.05	0.15	0.20	0.07	0.07	0.10	0.28	0.05	0.05	0.05
16	13	14	24	23	20	16	15	13	12	13	19
33 25 00	19 22 00	01 01 00	03 07 00	19 11 00	01 39 00	05 50 00	04 01 00	02 44 00	20 33 00	39 09 00	29 27 00
33.42	19.37	1.02	3.12	19.18	1.65	5.83	4.02	2.73	20.55	39.15	29.45
1	1	1	4	3	1	1	1	1	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
6	9	9	8	9	9	8	12	12	6	9	9
03 43 00	29 31 00	03 48 00	01 13 00	23 13 00	31 24 00	31 23 00	16 25 00	16 24 00	56 35 00	02 00 00	23 05 00
3.72	29.52	3.80	1.22	23.22	31.40	31.38	16.42	16.40	56.58	2.00	23.08
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.07	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.08	0.05
20	15	17	17	22	18	17	19	21	14	19	29
13 22 00	01 27 00	07 19 00	02 45 00	02 45 00	02 40 00	02 39 00	02 44 00	02 43 00	08 51 00	33 40 00	24 50 00
13.37	1.45	7.32	2.75	2.75	2.67	2.65	2.73	2.72	8.85	33.67	24.83
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.07	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.08	0.05
181	111	150	201	272	201	187	198	270	162	196	330
13 22 00	03 56 00	07 18 00	02 45 00	02 45 00	02 40 00	02 39 00	02 43 00	02 43 00	18 46 00	33 40 00	24 39 00
13.37	3.93	7.30	2.75	2.75	2.67	2.65	2.72	2.72	18.77	33.67	24.65
1	0	1	2	4	1	1	1	4	0	6	7
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.05
12	12	11	0	14	0	0	10	14	0	26	24
04 58 00	63 00 00	63 00 00	00 00 00	21 25 00	00 00 00	00 00 00	74 05 00	14 16 00	00 00 00	37 16 00	24 49 00
4.97	63.00	63.00	0.00	21.42	0.00	0.00	74.08	14.27	0.00	37.27	24.82
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.05
0	104	104	0	0	0	0	102	101	0	206	0
00 00 00	63 00 00	63 00 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 04 00	00 00 00
0.00	63.00	63.00	0.00	0.00	0.00	0.00	74.08	74.08	0.00	0.07	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.37	0.43	0.43	0.29	0.28	0.30	0.28	0.28	0.27	0.46	0.46	0.44
47 21 00	00 14 00	04 48 00	73 42 00	18 36 00	71 12 00	73 42 00	70 03 00	30 51 00	26 53 00	21 54 00	60 20 00
47.35	0.23	4.80	73.70	18.60	71.20	73.70	70.05	30.85	26.88	21.90	60.33
0.45	0.48	0.47	0.33	0.32	0.34	0.33	0.31	0.30	0.54	0.53	0.51
02 01 00	62 51 00	61 30 00	62 32 00	69 19 00	00 29 00	00 08 00	28 55 00	06 04 00	00 06 00	00 03 00	00 08 00
2.02	62.85	61.50	62.53	69.32	0.48	0.13	28.92	6.07	0.10	0.05	0.13
0.41	0.46	0.45	0.31	0.30	0.32	0.30	0.29	0.29	0.49	0.49	0.46
0.72	0.74	0.75	0.60	0.60	0.70	0.70	0.64	0.65	0.70	0.70	0.69
62 46 00	00 14 00	01 47 00	73 42 00	08 07 00	27 42 00	73 54 00	73 58 00	74 01 00	21 34 00	22 39 00	61 17 00
62.77	0.23	1.78	73.70	8.12	27.70	73.90	73.97	74.02	21.57	22.65	61.28
0.79	0.78	0.79	0.66	0.66	0.77	0.77	0.69	0.70	0.80	0.79	0.81
61 05 00	51 42 00	14 53 00	65 11 00	68 28 00	68 36 00	71 22 00	09 39 00	14 10 00	00 06 00	00 03 00	00 06 00
61.08	51.70	14.88	65.18	68.47	68.60	71.37	9.65	14.17	0.10	0.05	0.10
0.76	0.76	0.77	0.63	0.63	0.74	0.74	0.67	0.68	0.73	0.74	0.73
0.40	0.47	0.45	0.31	0.29	0.32	0.30	0.29	0.30	0.50	0.50	0.49
47 21 00	00 14 00	30 26 00	73 42 00	18 36 00	70 08 00	74 05 00	70 03 00	22 12 00	59 54 00	28 37 00	50 19 00
47.35	0.23	30.43	73.70	18.60	70.13	74.08	70.05	22.20	59.90	28.62	50.32
0.48	0.53	0.50	0.36	0.33	0.37	0.35	0.34	0.33	0.56	0.55	0.55
00 28 00	43 12 00	62 46 00	36 17 00	64 00 00	25 37 00	00 29 00	28 55 00	16 26 00	03 43 00	00 37 00	00 54 00
0.47	43.20	62.77	36.28	64.00	25.62	0.48	28.92	16.43	3.72	0.62	0.90
0.44	0.50	0.47	0.34	0.31	0.34	0.32	0.32	0.31	0.53	0.53	0.52
0.77	0.79	0.78	0.64	0.63	0.77	0.75	0.70	0.70	0.77	0.76	0.78

62 46 00	00 21 00	30 26 00	73 42 00	04 08 00	73 54 00	73 54 00	49 05 00	72 24 00	28 58 00	15 15 00	50 19 00
62.77	0.35	30.43	73.70	4.13	73.90	73.90	49.08	72.40	28.97	15.25	50.32
0.84	0.86	0.84	0.72	0.70	0.85	0.82	0.76	0.77	0.85	0.83	0.88
27 13 00	35 11 00	39 59 00	57 09 00	48 05 00	53 08 00	64 01 00	30 43 00	28 04 00	08 50 00	40 57 00	00 54 00
27.22	35.18	39.98	57.15	48.08	53.13	64.02	30.72	28.07	8.83	40.95	0.90
0.81	0.83	0.81	0.69	0.67	0.81	0.79	0.73	0.74	0.80	0.80	0.83
65	64	67	64	66	64	66	64	65	64	65	62
27 13 00	35 11 00	42 17 00	41 31 00	13 12 00	40 43 00	44 05 00	30 43 00	28 04 00	30 19 00	23 14 00	54 11 00
27.22	35.18	42.28	41.52	13.20	40.72	44.08	30.72	28.07	30.32	23.23	54.18
70	69	72	70	73	69	72	70	70	73	71	70
01 23 00	39 40 00	30 26 00	70 26 00	53 42 00	44 15 00	68 31 00	02 24 00	08 28 00	00 19 00	02 43 00	00 23 00
1.38	39.67	30.43	70.43	53.70	44.25	68.52	2.40	8.47	0.32	2.72	0.38
68	67	69	67	69	67	69	67	68	67	67	65
1	-1	-1	0	0	0	0	0	0	-1	-2	-1
00 30 00	34 13 00	42 32 00	74 01 00	73 05 00	00 54 00	03 52 00	05 56 00	18 42 00	05 17 00	03 15 00	00 24 00
0.50	34.22	42.53	74.02	73.08	0.90	3.87	5.93	18.70	5.28	3.25	0.40
9	-3	-4	-9	-9	-3	-3	-2	-2	-9	-8	-5
41 37 00	03 48 00	01 25 00	69 16 00	70 16 00	70 58 00	00 29 00	69 54 00	00 45 00	60 06 00	60 12 00	57 50 00
41.62	3.80	1.42	69.27	70.27	70.97	0.48	69.90	0.75	60.10	60.20	57.83
6	-2	-2	-4	-4	0	0	0	0	-5	-5	-3
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.05
3	3	3	3	8	4	4	3	4	3	5	4
03 44 00	00 13 00	03 54 00	02 43 00	00 05 00	31 24 00	31 23 00	02 42 00	14 36 00	08 50 00	00 04 00	24 24 00
3.73	0.22	3.90	2.72	0.08	31.40	31.38	2.70	14.60	8.83	0.07	24.40
0	0	0	0	0	0	0	0	0	0	0	0
2	4	1	5	1	5	1	5	2	21	3	6
55 40 00	11 10 00	56 54 00	67 55 00	73 22 00	36 33 00	19 51 00	44 59 00	45 16 00	00 28 00	60 44 00	24 53 03
55.67	11.17	56.90	67.92	73.37	36.55	19.85	44.98	45.27	0.47	60.73	24.88
11	13	15	32	18	17	11	16	12	44	38	24
15 01 00	00 45 00	01 05 00	70 18 00	10 26 00	73 12 00	73 41 00	73 05 00	00 37 00	47 53 00	60 01 00	59 22 00
15.02	0.75	1.08	70.30	10.43	73.20	73.68	73.08	0.62	47.88	60.02	59.37
4	7	4	10	5	7	4	8	4	34	16	14
0	0	0	0	1	0	0	0	0	0	0	0
0	104	104	0	0	0	0	102	101	0	409	0

1636	1420	1420
63:01	62:58	62:58
63	63	63
NADC	NIST	NADC
2	1	2
S2X	JVC	JVC
2	4	4
9	9	9
96	97	98
44.6	44.9	44.6
49.8	49.7	49.7
115	114.9	114.9
1.39	1.38	1.39
1.61	1.62	1.6
39	28	25
0.068	0.075	0.073
0.075	0.080	0.081
0.072	0.078	0.078
23	23	23
26	25	24
25	24	24
-0.10	0.10	-0.11
0.01	0.24	0.05
-0.04	0.14	-0.02
-0.2	-0.4	-0.3
0.1	0.0	0.2
0.0	-0.2	-0.1
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
42	31	60
24 51 00	43 08 00	00 03 00
24.85	43.13	0.05
2	1	2
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
25	16	17
26 45 00	43 08 00	43 08 00
26.75	43.13	43.13
1	0	1
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
10	10	9
00 59 00	43 02 00	02 25 00
0.98	43.03	2.42
0	0	0

0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
29	20	55
24 50 00	42 07 00	00 03 00
24.83	42.12	0.05
0	0	0
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
345	258	274
24 38 00	41 20 00	41 17 00
24.63	41.33	41.28
9	4	9
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
37	21	128
27 43 00	00 27 00	00 03 00
27.72	0.45	0.05
0	0	0
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
0	204	1232
00 00 00	00 27 00	00 03 00
0.00	0.45	0.05
0	0	0
0.43	0.44	0.43
25 13 00	26 51 00	23 35 00
25.22	26.85	23.58
0.50	0.51	0.50
00 26 00	01 43 00	00 29 00
0.43	1.72	0.48
0.46	0.47	0.46
0.70	0.69	0.69
23 34 00	27 42 00	24 49 00
23.57	27.70	24.82
0.80	0.79	0.78
00 30 00	00 40 00	00 38 00
0.50	0.67	0.63
0.74	0.72	0.72
0.49	0.49	0.48
20 34 00	29 14 00	23 35 00
20.57	29.23	23.58
0.53	0.55	0.53
00 26 00	42 06 00	00 29 00
0.43	42.10	0.48
0.51	0.52	0.51
0.78	0.77	0.76

22 41 00	29 14 00	20 16 00
22.68	29.23	20.27
0.84	0.84	0.82
05 54 00	42 06 00	48 28 00
5.90	42.10	48.47
0.82	0.80	0.79
63	62	64
24 05 00	42 06 00	23 33 00
24.08	42.10	23.55
70	71	71
00 03 00	01 41 00	01 25 00
0.05	1.68	1.42
66	66	67
-1	0	0
00 24 00	07 59 00	06 16 00
0.40	7.98	6.27
-6	-4	-4
18 46 00	62 55 00	62 44 00
18.77	62.92	62.73
-3	-1	-1
0	0	0
00 03 00	00 03 00	00 04 00
0.05	0.05	0.07
4	6	5
24 24 00	42 59 00	00 03 00
24.40	42.98	0.05
0	0	0
1	6	2
02 34 00	55 12 00	45 03 00
2.57	55.20	45.05
20	17	13
59 25 00	22 32 00	22 41 00
59.42	22.53	22.68
5	8	4
0	0	0
0	511	1278