

Disk No	1193	1195	1199	1192	3084	3085	1198	1477	1194	5571	5572
Note											
Duration	63:01	63:01	63:01	63:01	63:01	63:00	63:00	62:58	62:58	74:06	74:06
Dur	63	63	63	63	63	63	63	63	63	74	74
Tester	NIST	NIST	NIST	NIST	NIST	NIST	NADC	NADC	NIST	NIST	NADC
Tester No	1	1	1	1	1	1	2	2	1	1	2
Recorder	S1X	S1X	S1X	S2X	S2X	KODAK	KODAK	KODAK	JVC	S2X	S2X
Recorder No	1	1	1	2	2	3	3	3	4	2	2
Cal Type	Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.	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	44.9	45.2	44.9	45.2	45.0	44.6	44.8	45	45.0	44.6
SPD	49.6	49.6	49.7	49.8	49.8	49.7	49.6	49.8	49.7	49.8	49.8
MID	114.9	114.9	114.9	115	115.0	114.9	114.9	115	114.9	115.9	115.8
SVY	1.39	1.38	1.39	1.37	1.39	1.38	1.39	1.39	1.38	1.18	1.20
TRP	1.60	1.62	1.60	1.63	1.60	1.62	1.61	1.6	1.62	1.63	1.61
ECC	30	33	21	27	17	13	31	26	32	18	14
PP-MIN	0.074	0.075	0.073	0.070	0.069	0.070	0.068	0.071	0.073	0.072	0.072
PP-MAX	0.082	0.083	0.081	0.075	0.074	0.075	0.079	0.078	0.078	0.078	0.080
PP-AVG	0.078	0.079	0.078	0.073	0.072	0.073	0.073	0.075	0.075	0.076	0.077
XT-MIN	21	21	21	25	25	19	19	25	27	21	21
XT-MAX	23	23	23	26	27	23	21	28	30	24	22
XT-AVG	22	22	22	25	26	20	20	27	28	22	22
DEV-MIN	0.10	0.10	0.09	0.10	0.09	0.10	-0.06	-0.07	0.10	0.10	-0.08
DEV-MAX	0.25	0.25	0.25	0.27	0.27	0.23	0.06	0.09	0.22	0.30	0.06
DEV-AVG	0.14	0.15	0.14	0.15	0.15	0.14	0.00	-0.01	0.14	0.16	0.00
DEFL-MIN	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.2	-0.1	-0.5	-0.4	-0.2
DEFL-MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.1
DEFL-AVG	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	0.0	0.0	-0.3	-0.2	-0.1
BLER-MIN Val	0	0	0	0	0	0	0	0	0	0	0
BLER-MIN Loc	00 03 00	00 11 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 05 00	00 06 00	01 24 00	01 04 00
BLER-MIN Loc	0.05	0.18	0.05	0.08	0.05	0.05	0.05	0.08	0.10	1.40	1.07
BLER-MAX Val	27	28	42	33	23	25	34	32	63	56	48
BLER-MAX Loc	16 25 00	15 11 00	05 51 00	05 09 00	16 41 00	43 59 00	09 15 00	05 53 00	41 07 00	12 25 00	35 18 00
BLER-MAX Loc	16.42	15.18	5.85	5.15	16.68	43.98	9.25	5.88	41.12	12.42	35.30
BLER-AVG Val	4	4	5	3	1	1	3	3	3	8	8
E11-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E11-MIN Loc	00 03 00	00 11 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 05 00	00 06 00	00 03 00	01 04 00
E11-MIN Loc	0.05	0.18	0.05	0.08	0.05	0.05	0.05	0.08	0.10	0.05	1.07
E11-MAX Val	27	22	27	23	17	18	32	21	26	35	35
E11-MAX Loc	16 25 00	24 04 00	18 02 00	06 03 00	02 54 00	26 22 00	09 15 00	07 46 00	27 12 00	12 25 00	11 56 00
E11-MAX Loc	16.42	24.07	18.03	6.05	2.90	26.37	9.25	7.77	27.20	12.42	11.93
E11-AVG Val	3	3	4	3	1	1	3	2	3	6	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 06 00
E21-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10
E21-MAX Val	9	10	17	11	8	9	10	8	11	11	12
E21-MAX Loc	08 48 00	11 18 00	02 29 00	05 55 00	01 34 00	01 44 00	16 27 00	51 03 00	05 54 00	08 56 00	37 05 00
E21-MAX Loc	8.80	11.30	2.48	5.92	1.57	1.73	16.45	51.05	5.90	8.93	37.08
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 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	00 03 00
E31-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.05
E31-MAX Val	13	17	28	18	15	19	15	20	49	27	34
E31-MAX Loc	19 23 00	15 11 00	05 51 00	19 28 00	06 09 00	03 15 00	21 28 00	05 53 00	41 07 00	09 50 00	34 53 00
E31-MAX Loc	19.38	15.18	5.85	19.47	6.15	3.25	21.47	5.88	41.12	9.83	34.88
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 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	00 03 00
E12-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.05
E12-MAX Val	96	143	273	137	107	146	128	144	122	224	531
E12-MAX Loc	07 28 00	15 11 00	05 49 00	19 28 00	19 16 00	03 16 00	21 28 00	05 54 00	09 45 00	09 51 00	35 18 00
E12-MAX Loc	7.47	15.18	5.82	19.47	19.27	3.27	21.47	5.90	9.75	9.85	35.30
E12-AVG Val	2	3	5	2	1	1	2	4	2	11	16
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 04 00	00 03 00
E22-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05
E22-MAX Val	0	2	9	0	0	11	0	26	85	28	64
E22-MAX Loc	00 00 00	50 30 00	05 51 00	00 00 00	00 00 00	63 00 00	00 00 00	22 10 00	61 19 00	65 36 00	34 53 00
E22-MAX Loc	0.00	50.50	5.85	0.00	0.00	63.00	0.00	22.17	61.32	65.60	34.88
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 04 00	00 03 00
E32-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05
E32-MAX Val	0	0	0	0	0	103	0	0	138	103	4
E32-MAX Loc	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	00 00 00	00 00 00	41 07 00	00 03 00	34 53 00
E32-MAX Loc	0.00	0.00	0.00	0.00	0.00	63.00	0.00	0.00	41.12	0.05	34.88
E32-AVG Val	0	0	0	0	0	0	0	0	0	0	0
I3-MIN Val	0.45	0.47	0.46	0.47	0.46	0.42	0.43	0.46	0.46	0.31	0.29
I3-MIN Loc	27 42 00	15 19 00	18 06 00	22 20 00	61 50 00	19 29 00	26 57 00	26 42 00	60 30 00	19 46 00	34 44 00
I3-MIN Loc	27.70	15.32	18.10	22.33	61.83	19.48	26.95	26.70	60.50	19.77	34.73
I3-MAX Val	0.50	0.51	0.52	0.51	0.50	0.47	0.48	0.51	0.51	0.37	0.36
I3-MAX Loc	63 00 00	44 17 00	00 13 00	62 48 00	35 49 00	00 10 00	57 55 00	01 07 00	51 59 00	74 06 00	71 46 00
I3-MAX Loc	63.00	44.28	0.22	62.80	35.82	0.17	57.92	1.12	51.98	74.10	71.77
I3-AVG Val	0.48	0.49	0.48	0.49	0.49	0.45	0.46	0.49	0.49	0.34	0.34
I11-MIN Val	0.69	0.72	0.71	0.75	0.74	0.72	0.74	0.73	0.71	0.71	0.71
I11-MIN Loc	24 32 00	24 34 00	25 31 00	28 26 00	26 54 00	25 45 00	18 55 00	26 50 00	61 45 00	17 57 00	34 44 00
I11-MIN Loc	24.53	24.57	25.52	28.43	26.90	25.75	18.92	26.83	61.75	17.95	34.73
I11-MAX Val	0.76	0.79	0.78	0.80	0.80	0.77	0.80	0.78	0.76	0.77	0.79
I11-MAX Loc	63 00 00	63 00 00	00 51 00	51 20 00	52 54 00	01 15 00	52 53 00	52 47 00	04 25 00	62 01 00	74 06 00
I11-MAX Loc	63.00	63.00	0.85	51.33	52.90	1.25	52.88	52.78	4.42	62.02	74.10
I11-AVG Val	0.73	0.75	0.74	0.78	0.77	0.75	0.77	0.76	0.74	0.74	0.75
I3R-MIN Val	0.50	0.50	0.50	0.51	0.50	0.46	0.46	0.50	0.51	0.33	0.32
I3R-MIN Loc	55 31 00	56 47 00	61 51 00	49 13 00	59 57 00	60 14 00	26 57 00	16 08 00	57 45 00	18 40 00	34 44 00
I3R-MIN Loc	55.52	56.78	61.85	49.22	59.95	60.23	26.95	16.13	57.75	18.67	34.73
I3R-MAX Val	0.56	0.56	0.55	0.56	0.56	0.52	0.51	0.55	0.56	0.40	0.39
I3R-MAX Loc	11 31 00	62 46 00	31 08 00	12 04 00	35 41 00	05 36 00	02 53 00	33 34 00	36 35 00	29 28 00	72 06 00
I3R-MAX Loc	11.52	62.77	31.13	12.07	35.68	5.60	2.88	33.57	36.58	29.47	72.10
I3R-AVG Val	0.53	0.53	0.53	0.53	0.53	0.50	0.49	0.53	0.54	0.38	0.37
I11R-MIN Val	0.77	0.78	0.78	0.81	0.80	0.78	0.79	0.79	0.77	0.75	0.78

I11R-MIN Loc	29 59 00	56 47 00	56 15 00	20 11 00	59 57 00	60 14 00	23 10 00	16 08 00	41 58 00	18 40 00	13 22 00
I11R-MIN Loc	29.98	56.78	56.25	20.18	59.95	60.23	23.17	16.13	41.97	18.67	13.37
I11R-MAX Val	0.85	0.85	0.84	0.88	0.87	0.87	0.85	0.85	0.84	0.87	0.84
I11R-MAX Loc	11 31 00	08 16 00	46 15 00	12 04 00	35 41 00	46 22 00	02 53 00	40 56 00	09 39 00	56 10 00	73 52 00
I11R-MAX Loc	11.52	8.27	46.25	12.07	35.68	46.37	2.88	40.93	9.65	56.17	73.87
I11R-AVG Val	0.81	0.82	0.81	0.85	0.84	0.83	0.82	0.82	0.81	0.83	0.81
REF-MIN Val	62	64	64	63	64	62	66	64	64	62	65
REF-MIN Loc	11 31 00	28 04 00	24 49 00	28 27 00	35 41 00	62 34 00	29 43 00	26 30 00	24 36 00	36 20 00	24 25 00
REF-MIN Loc	11.52	28.07	24.82	28.45	35.68	62.57	29.72	26.50	24.60	36.33	24.42
REF-MAX Val	68	71	70	70	70	69	72	71	69	70	71
REF-MAX Loc	52 12 00	56 47 00	56 15 00	54 46 00	57 37 00	02 49 00	56 07 00	49 45 00	50 28 00	18 40 00	72 49 00
REF-MAX Loc	52.20	56.78	56.25	54.77	57.62	2.82	56.12	49.75	50.47	18.67	72.82
REF-AVG Val	65	67	66	67	67	65	69	67	66	65	67
SYM-MIN Val	-2	-1	0	-2	-2	0	0	-4	-6	0	0
SYM-MIN Loc	62 49 00	01 52 00	62 08 00	02 07 00	00 51 00	00 21 00	03 34 00	32 18 00	00 05 00	18 47 00	03 11 00
SYM-MIN Loc	62.82	1.87	62.13	2.12	0.85	0.35	3.57	32.30	0.08	18.78	3.18
SYM-MAX Val	-8	-7	-7	-8	-6	-2	-1	-8	-12	-9	-8
SYM-MAX Loc	44 20 00	46 12 00	58 44 00	62 34 00	23 08 00	63 00 00	62 34 00	61 49 00	62 45 00	74 06 00	73 53 00
SYM-MAX Loc	44.33	46.20	58.73	62.57	23.13	63.00	62.57	61.82	62.75	74.10	73.88
SYM-AVG Val	-5	-4	-4	-6	-4	-1	0	-6	-9	-3	-4
BERL-MIN Val	0	0	0	0	0	0	0	0	0	0	0
BERL-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 14 00	00 03 00
BERL-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.23	0.05
BERL-MAX Val	3	3	3	5	3	3	5	5	8	5	6
BERL-MAX Loc	15 55 00	02 14 00	01 56 00	00 08 00	06 08 00	01 43 00	63 03 00	62 49 00	58 17 00	00 04 00	34 51 00
BERL-MAX Loc	15.92	2.23	1.93	0.13	6.13	1.72	63.05	62.82	58.28	0.07	34.85
BERL-AVG Val	0	0	0	0	0	0	0	0	0	0	0
RN-MIN Val	8	8	8	8	5	4	0	1	5	7	2
RN-MIN Loc	57 39 03	15 37 03	12 43 00	01 40 00	05 01 00	29 09 00	27 37 00	43 26 00	22 23 03	25 02 00	28 24 00
RN-MIN Loc	57.65	15.62	12.72	1.67	5.02	29.15	27.62	43.43	22.38	25.03	28.40
RN-MAX Val	36	41	31	20	25	26	15	18	20	29	21
RN-MAX Loc	62 42 00	62 56 00	40 21 00	60 40 00	59 45 00	59 57 00	62 35 00	61 27 00	35 29 00	71 13 00	73 36 00
RN-MAX Loc	62.70	62.93	40.35	60.67	59.75	59.95	62.58	61.45	35.48	71.22	73.60
RN-AVG	23	24	15	13	10	10	3	5	9	13	6
B EGL	0	0	0	0	0	0	0	0	3	0	0
E32TOT	0	0	0	0	0	103	0	0	487	103	4

5531	5570	8211	1042	1043	1041	1052	1053	1044	1054	1057	1058
74:06	74:05	74:05	63:01	63:01	63:01	63:01	63:01	63:01	63:00	63:00	63:00
74	74	74	63	63	63	63	63	63	63	63	63
NIST	NADC	NIST	NIST	NIST	NIST	NIST	NADC	NIST	NADC	NIST	NIST
1	2	1	1	1	1	1	2	1	2	1	1
S2X	KODAK	KODAK	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	KODAK
2	3	3	1	1	1	2	2	2	3	3	3
			Al. Cal.	Al. Cal.	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
45.2	44.6	44.9	45.1	45.2	45	44.9	44.5	44.9	44.6	45.0	45.2
49.7	49.7	49.7	49.7	49.7	49.6	49.8	49.8	49.8	49.6	49.7	49.7
115.9	115.8	115.8	114.9	114.9	114.9	115.0	115.0	115.0	114.9	114.9	114.9
1.20	1.2	1.2	1.39	1.39	1.39	1.38	1.39	1.38	1.39	1.38	1.38
1.61	1.61	1.61	1.60	1.61	1.61	1.62	1.61	1.62	1.61	1.62	1.62
13	12	12	17	12	9	22	16	17	18	26	26
0.072	0.071	0.072	0.074	0.075	0.075	0.066	0.069	0.069	0.069	0.069	0.069
0.080	0.078	0.078	0.081	0.081	0.081	0.073	0.075	0.075	0.076	0.076	0.075
0.077	0.076	0.075	0.078	0.079	0.079	0.071	0.072	0.073	0.073	0.073	0.073
21	18	18	21	21	20	24	24	24	21	20	21
28	19	21	24	24	24	27	27	27	22	23	23
23	19	19	22	22	21	26	25	25	21	21	21
0.08	-0.10	0.10	0.09	0.09	0.09	0.09	-0.05	0.09	-0.05	0.09	0.07
0.25	0.05	0.28	0.21	0.20	0.19	0.18	0.16	0.19	0.13	0.20	0.16
0.13	-0.01	0.15	0.13	0.13	0.12	0.12	0.02	0.12	0.02	0.13	0.11
-0.3	-0.2	-0.5	-0.4	-0.4	-0.4	-0.4	-0.2	-0.3	-0.1	-0.4	-0.3
0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	0.0	0.1
-0.2	-0.1	-0.3	-0.2	-0.2	-0.2	-0.2	0.0	-0.2	0.0	-0.2	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
01 41 00	00 41 00	00 26 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 10 00
1.68	0.68	0.43	0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.17
43	54	37	18	26	15	17	20	16	20	19	20
00 18 00	00 21 00	01 59 00	58 03 00	13 36 00	16 19 00	03 23 00	12 34 00	08 30 00	15 21 00	08 34 00	08 34 00
0.30	0.35	1.98	58.05	13.60	16.32	3.38	12.57	8.50	15.35	8.57	8.57
8	9	6	1	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
01 41 00	00 41 00	00 26 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 10 00
1.68	0.68	0.43	0.07	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.17
35	34	26	12	12	13	10	15	13	11	15	13
06 16 00	02 40 00	01 59 00	05 03 00	37 50 00	05 03 00	00 49 00	03 33 00	09 06 00	24 04 00	03 38 00	03 37 00
6.27	2.67	1.98	5.05	37.83	5.05	0.82	3.55	9.10	24.07	3.63	3.62
6	7	5	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 06 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 04 00	00 03 00
0.07	0.05	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.05
14	11	9	6	7	6	8	11	9	7	8	9
29 22 00	00 21 00	15 05 00	53 21 00	60 39 00	16 19 00	03 20 00	12 50 00	17 30 00	01 13 00	60 16 00	00 17 00
29.37	0.35	15.08	53.35	60.65	16.32	3.33	12.83	17.50	1.22	60.27	0.28
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 06 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 04 00	00 05 00	00 03 00
0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.05
28	22	19	11	18	11	15	15	14	16	13	16
69 29 00	03 58 00	00 13 00	08 35 00	01 07 00	38 52 00	03 25 00	12 34 00	08 30 00	15 21 00	08 34 00	08 34 00
69.48	3.97	0.22	8.58	1.12	38.87	3.42	12.57	8.50	15.35	8.57	8.57
1	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 06 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 04 00	00 05 00	00 03 00
0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.05
401	258	188	103	161	115	116	176	115	183	98	132
70 20 00	32 07 00	22 07 00	56 47 00	01 06 00	38 52 00	30 38 00	12 34 00	56 42 00	15 21 00	51 36 00	15 53 00
70.33	32.12	22.12	56.78	1.10	38.87	30.63	12.57	56.70	15.35	51.60	15.88
15	14	8	0	0	1	0	1	0	1	0	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
113	18	13	0	0	0	0	0	0	12	11	9
69 55 00	20 28 00	01 59 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	63 00 00
69.92	20.47	1.98	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00	63.00
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	102	101	0	0	0	0	0	0	103	104	102
00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	63 00 00
0.00	74.08	74.08	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00	63.00
0	0	0	0	0	0	0	0	0	0	0	0
0.30	0.30	0.29	0.44	0.45	0.43	0.45	0.44	0.44	0.43	0.42	0.43
73 18 00	30 31 00	27 54 00	58 39 00	60 39 00	62 40 00	60 17 00	33 15 00	61 42 00	62 22 00	61 24 00	60 27 00
73.30	30.52	27.90	58.65	60.65	62.67	60.28	33.25	61.70	62.37	61.40	60.45
0.36	0.34	0.34	0.54	0.54	0.53	0.54	0.52	0.53	0.51	0.51	0.51
73 41 00	66 31 00	73 20 00	00 17 00	00 05 00	01 05 00	00 21 00	00 05 00	00 06 00	00 14 00	01 28 00	00 32 00
73.68	66.52	73.33	0.28	0.08	1.08	0.35	0.08	0.10	0.23	1.47	0.53
0.34	0.32	0.30	0.48	0.49	0.47	0.48	0.46	0.47	0.46	0.46	0.47
0.72	0.72	0.70	0.68	0.69	0.66	0.72	0.71	0.70	0.72	0.71	0.73
20 49 00	16 36 00	19 54 00	61 52 00	61 01 00	61 01 00	61 59 00	62 56 00	62 31 00	62 44 00	62 32 00	62 32 00
20.82	16.60	19.90	61.87	61.02	61.02	61.98	62.93	62.52	62.73	62.53	62.53
0.78	0.77	0.75	0.82	0.82	0.81	0.85	0.83	0.83	0.84	0.84	0.84
74 00 00	73 58 00	62 41 00	00 22 00	00 20 00	00 06 00	00 06 00	00 34 00	00 04 00	00 18 00	00 03 00	00 45 00
74.00	73.97	62.68	0.37	0.33	0.10	0.10	0.57	0.07	0.30	0.05	0.75
0.75	0.74	0.73	0.73	0.74	0.72	0.76	0.75	0.75	0.76	0.76	0.77
0.33	0.33	0.31	0.50	0.51	0.50	0.50	0.49	0.49	0.48	0.48	0.48
73 18 00	24 26 00	22 59 00	58 39 00	60 39 00	58 25 00	56 58 00	24 52 00	61 42 00	14 17 00	61 51 00	60 30 00
73.30	24.43	22.98	58.65	60.65	58.42	56.97	24.87	61.70	14.28	61.85	60.50
0.40	0.37	0.37	0.56	0.56	0.56	0.56	0.53	0.56	0.52	0.53	0.55
24 21 00	73 46 00	73 20 00	08 18 00	56 03 24	01 05 00	11 33 00	00 05 00	06 53 00	00 28 00	21 03 00	05 20 00
24.35	73.77	73.33	8.30	56.05	1.08	11.55	0.08	6.88	0.47	21.05	5.33
0.38	0.35	0.34	0.53	0.53	0.53	0.53	0.51	0.53	0.50	0.51	0.51
0.78	0.79	0.76	0.77	0.78	0.76	0.80	0.79	0.81	0.79	0.80	0.80

63 20 00	06 30 00	22 59 00	31 45 00	24 55 00	59 19 00	60 59 00	50 14 00	29 09 00	60 54 00	61 51 00	32 07 00
63.33	6.50	22.98	31.75	24.92	59.32	60.98	50.23	29.15	60.90	61.85	32.12
0.87	0.86	0.85	0.86	0.85	0.85	0.88	0.85	0.88	0.86	0.87	0.88
49 14 00	68 46 00	18 23 00	08 18 00	08 29 00	02 14 00	17 30 00	00 25 00	20 25 00	03 13 00	06 02 00	05 20 00
49.23	68.77	18.38	8.30	8.48	2.23	17.50	0.42	20.42	3.22	6.03	5.33
0.83	0.82	0.81	0.81	0.81	0.81	0.84	0.82	0.84	0.83	0.84	0.84
63	64	62	62	63	62	62	64	61	64	62	62
25 57 00	18 45 00	18 23 00	50 20 00	40 47 00	62 22 00	61 39 00	39 10 00	62 52 00	28 50 00	54 56 00	58 31 00
25.95	18.75	18.38	50.33	40.78	62.37	61.65	39.17	62.87	28.83	54.93	58.52
70	69	68	72	73	73	72	74	71	73	73	72
63 20 00	73 28 00	05 28 00	00 27 00	00 24 00	00 40 00	00 27 00	01 37 00	00 39 00	00 39 00	02 14 00	00 06 00
63.33	73.47	5.47	0.45	0.40	0.67	0.45	1.62	0.65	0.65	2.23	0.10
66	66	65	65	66	65	66	67	65	67	66	66
0	0	0	-2	-1	0	-1	-2	-1	-1	0	-1
01 16 00	34 20 00	74 04 00	00 26 00	02 40 00	00 08 00	01 32 00	62 32 00	01 22 00	00 27 00	00 06 00	00 53 00
1.27	34.33	74.07	0.43	2.67	0.13	1.53	62.53	1.37	0.45	0.10	0.88
-8	2	3	-7	-6	-6	-7	-6	-6	-3	-2	-4
74 06 00	56 11 00	35 25 00	58 59 00	57 51 00	60 02 00	60 49 00	06 46 00	28 17 00	63 04 00	62 43 00	59 04 00
74.10	56.18	35.42	58.98	57.85	60.03	60.82	6.77	28.28	63.07	62.72	59.07
-4	1	2	-4	-4	-4	-4	-4	-4	-2	-1	-3
0	0	0	0	0	0	0	0	0	0	0	0
00 06 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 04 00	00 05 00	00 03 00
0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.05
8	9	7	3	5	3	3	3	5	8	3	4
69 56 00	00 05 00	74 05 00	01 35 00	00 08 00	25 27 00	01 30 00	01 29 00	01 23 00	63 00 00	01 34 00	00 16 00
69.93	0.08	74.08	1.58	0.13	25.45	1.50	1.48	1.38	63.00	1.57	0.27
0	0	0	0	0	0	0	0	0	0	0	0
8	2	4	5	12	7	6	1	6	1	6	4
02 58 00	03 43 00	35 17 00	62 20 00	62 41 00	55 47 00	40 42 00	44 24 00	36 50 00	60 37 00	60 14 00	57 49 00
2.97	3.72	35.28	62.33	62.68	55.78	40.70	44.40	36.83	60.62	60.23	57.82
37	21	21	26	31	27	12	13	12	7	11	12
72 54 00	73 24 00	71 08 00	47 59 00	42 19 00	48 55 00	50 44 00	21 47 00	31 24 00	02 16 00	31 35 00	03 17 00
72.90	73.40	71.13	47.98	42.32	48.92	50.73	21.78	31.40	2.27	31.58	3.28
14	5	9	11	18	12	8	4	8	3	8	7
1	1	1	0	0	0	0	0	0	1	0	0
0	102	101	0	0	0	0	0	0	103	104	102

1060	1064	2026	2025	2027	2032	2034	2035	2020	2023	1017	1018
62:58	62:58	74:06	74:06	74:06	74:06	74:06	74:06	74:05	74:05	63:01	63:01
63	63	74	74	74	74	74	74	74	74	63	63
NADC	NIST	NIST	NIST	NADC	NADC	NIST	NIST	NIST	NADC	NIST	NIST
2	1	1	1	2	2	1	1	1	2	1	1
JVC	JVC	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	S1X	S1X
4	4	1	1	1	2	2	2	3	3	1	1
										Al. Cal.	Al. Cal.
2	2	2	2	2	2	2	2	2	2	3	3
24	25	26	27	28	29	30	31	32	33	34	35
44.6	44.9	45.0	44.9	44.5	44.6	44.9	44.9	45	44.6	45.1	45.2
49.6	49.7	49.6	49.6	49.6	49.7	49.8	49.7	49.7	49.7	49.6	49.7
114.9	114.9	115.7	115.7	115.7	115.7	115.8	115.7	115.7	115.7	114.9	114.9
1.39	1.37	1.18	1.20	1.20	1.20	1.20	1.20	1.19	1.2	1.38	1.37
1.61	1.63	1.63	1.61	1.61	1.61	1.61	1.60	1.62	1.61	1.62	1.63
28	23	32	28	30	23	20	30	25	28	13	16
0.069	0.073	0.079	0.082	0.076	0.076	0.076	0.076	0.076	0.071	0.072	0.072
0.079	0.078	0.087	0.088	0.085	0.084	0.083	0.082	0.082	0.081	0.079	0.078
0.074	0.075	0.084	0.085	0.082	0.081	0.080	0.079	0.079	0.077	0.076	0.076
25	25	17	16	17	19	19	20	15	15	22	21
27	30	19	19	18	21	22	22	18	17	24	24
26	26	18	17	18	20	20	21	16	16	23	23
-0.03	0.10	0.08	0.09	-0.05	-0.08	0.08	0.09	0.08	-0.03	0.10	0.10
0.21	0.24	0.23	0.20	0.12	0.11	0.21	0.19	0.18	0.20	0.28	0.27
0.05	0.14	0.13	0.13	0.02	-0.01	0.13	0.12	0.11	0.04	0.16	0.15
-0.1	-0.5	-0.5	-0.4	-0.2	-0.2	-0.4	-0.4	-0.4	-0.1	-0.3	-0.4
0.4	0.0	0.0	0.0	0.2	0.2	0.0	0.1	0.1	0.3	0.0	0.0
0.1	-0.3	-0.2	-0.2	0.0	0.0	-0.2	-0.2	-0.2	0.1	-0.2	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
00 07 00	00 08 00	00 03 00	00 03 00	00 50 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.12	0.13	0.05	0.05	0.83	0.05	0.05	0.05	0.05	0.05	0.05	0.07
50	18	28	31	24	17	19	23	18	24	32	21
20 25 00	08 34 00	20 06 00	30 55 00	24 19 00	06 58 00	07 50 00	07 50 00	09 47 00	64 30 00	17 52 00	04 27 00
20.42	8.57	20.10	30.92	24.32	6.97	7.83	7.83	9.78	64.50	17.87	4.45
1	0	4	5	3	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 07 00	00 08 00	00 03 00	00 03 00	00 50 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.12	0.13	0.05	0.05	0.83	0.05	0.05	0.05	0.05	0.05	0.05	0.07
13	13	23	27	18	12	10	8	12	9	20	17
03 37 00	19 44 00	61 00 00	30 55 00	28 44 00	30 04 00	00 26 00	04 24 00	46 42 00	00 29 00	17 35 00	04 27 00
3.62	19.73	61.00	30.92	28.73	30.07	0.43	4.40	46.70	0.48	17.58	4.45
0	0	3	4	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
5	7	9	6	7	7	11	6	7	6	9	7
02 45 00	42 18 00	05 52 00	20 00 00	06 48 00	37 12 00	31 26 00	09 52 00	09 50 00	04 08 00	10 47 00	34 36 00
2.75	42.30	5.87	20.00	6.80	37.20	31.43	9.87	9.83	4.13	10.78	34.60
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 06 00	00 05 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
0.10	0.08	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05
46	15	19	17	17	15	15	19	14	23	16	15
20 17 00	08 34 00	14 16 00	24 17 00	24 19 00	06 58 00	24 12 00	04 08 00	24 17 00	64 30 00	17 54 00	01 37 00
20.28	8.57	14.27	24.28	24.32	6.97	24.20	4.13	24.28	64.50	17.90	1.62
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 06 00	00 05 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
0.10	0.08	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05
711	136	225	196	210	196	175	267	203	367	128	113
20 04 00	54 22 00	14 16 00	24 17 00	24 18 00	24 13 00	24 11 00	04 08 00	24 17 00	64 21 00	17 52 00	01 37 00
20.07	54.37	14.27	24.28	24.30	24.22	24.18	4.13	24.28	64.35	17.87	1.62
11	0	3	4	7	2	1	1	1	9	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
157	0	0	6	26	0	0	0	11	17	0	0
20 17 00	00 00 00	00 00 00	52 21 00	54 54 00	00 00 00	00 00 00	00 00 00	74 05 00	64 30 00	00 00 00	00 00 00
20.28	0.00	0.00	52.35	54.90	0.00	0.00	0.00	74.08	64.50	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	0	0	0	0	0	103	103	0	0
00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 00 00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	74.08	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.44	0.44	0.31	0.31	0.31	0.31	0.31	0.31	0.28	0.29	0.47	0.48
62 58 00	60 28 00	73 51 00	14 02 00	42 46 00	22 25 00	59 41 00	70 15 00	70 56 00	24 17 00	25 00 00	26 50 00
62.97	60.47	73.85	14.03	42.77	22.42	59.68	70.25	70.93	24.28	25.00	26.83
0.55	0.54	0.36	0.35	0.35	0.34	0.34	0.34	0.31	0.33	0.52	0.52
00 14 00	00 28 00	74 05 00	74 06 00	65 57 00	74 05 00	46 43 00	20 53 00	46 26 00	70 31 00	63 00 00	51 31 00
0.23	0.47	74.08	74.10	65.95	74.08	46.72	20.88	46.43	70.52	63.00	51.52
0.48	0.48	0.33	0.33	0.33	0.33	0.33	0.32	0.30	0.31	0.50	0.50
0.69	0.70	0.65	0.64	0.66	0.67	0.67	0.67	0.67	0.67	0.72	0.72
62 58 00	62 32 00	33 21 00	32 37 00	32 39 00	74 04 00	30 44 00	34 57 00	14 08 00	65 27 00	24 03 00	27 37 00
62.97	62.53	33.35	32.62	32.65	74.07	30.73	34.95	14.13	65.45	24.05	27.62
0.83	0.83	0.69	0.69	0.71	0.72	0.72	0.71	0.70	0.71	0.78	0.78
00 19 00	00 28 00	55 12 00	52 20 00	67 59 00	74 05 00	65 05 00	53 26 00	48 51 00	65 43 00	51 47 00	51 14 00
0.32	0.47	55.20	52.33	67.98	74.08	65.08	53.43	48.85	65.72	51.78	51.23
0.74	0.75	0.67	0.67	0.68	0.70	0.69	0.69	0.68	0.69	0.75	0.75
0.50	0.50	0.35	0.34	0.35	0.35	0.35	0.35	0.31	0.33	0.49	0.51
29 09 00	60 28 00	72 00 00	68 36 00	42 46 00	72 26 00	65 24 00	73 40 00	73 10 00	08 37 00	53 38 00	02 35 00
29.15	60.47	72.00	68.60	42.77	72.43	65.40	73.67	73.17	8.62	53.63	2.58
0.57	0.56	0.41	0.40	0.39	0.39	0.40	0.40	0.36	0.37	0.56	0.56
02 04 00	22 31 00	74 05 00	25 10 00	58 20 00	09 19 00	37 43 00	26 22 00	46 26 00	70 31 00	17 57 00	60 26 00
2.07	22.52	74.08	25.17	58.33	9.32	37.72	26.37	46.43	70.52	17.95	60.43
0.52	0.53	0.38	0.38	0.37	0.37	0.38	0.38	0.34	0.35	0.54	0.54
0.78	0.77	0.72	0.72	0.73	0.73	0.75	0.76	0.74	0.75	0.75	0.79

59 13 00	62 03 00	74 00 00	71 59 00	00 20 00	72 26 00	66 51 00	72 30 00	70 28 00	18 51 00	53 38 00	25 32 00
59.22	62.05	74.00	71.98	0.33	72.43	66.85	72.50	70.47	18.85	53.63	25.53
0.87	0.85	0.81	0.80	0.80	0.84	0.83	0.83	0.82	0.81	0.85	0.85
02 04 00	19 55 00	57 47 00	62 26 00	25 01 00	50 43 00	69 52 00	26 22 00	22 16 00	00 39 00	43 05 00	60 26 00
2.07	19.92	57.78	62.43	25.02	50.72	69.87	26.37	22.27	0.65	43.08	60.43
0.82	0.81	0.78	0.77	0.77	0.80	0.80	0.80	0.78	0.79	0.81	0.81
64	62	60	61	62	62	60	60	61	62	64	64
33 01 00	48 07 00	07 03 00	38 50 00	25 01 00	32 16 00	36 14 00	35 02 00	22 16 00	15 32 00	25 18 00	17 34 00
33.02	48.12	7.05	38.83	25.02	32.27	36.23	35.03	22.27	15.53	25.30	17.57
72	72	67	67	68	68	67	66	67	67	74	70
00 43 00	00 50 00	66 08 00	69 11 00	72 37 00	58 27 00	73 12 00	74 05 00	73 10 00	61 40 00	53 38 00	02 06 00
0.72	0.83	66.13	69.18	72.62	58.45	73.20	74.08	73.17	61.67	53.63	2.10
67	66	63	63	65	64	63	63	63	64	67	67
-3	0	-5	-3	-5	-4	-3	-3	0	0	-2	-2
19 48 00	00 46 00	00 15 00	02 29 00	01 42 00	00 30 00	00 13 00	00 54 00	00 15 00	02 27 00	00 52 00	02 06 00
19.80	0.77	0.25	2.48	1.70	0.50	0.22	0.90	0.25	2.45	0.87	2.10
-8	-8	-10	-9	-10	-11	-10	-10	1	-2	-9	-8
60 57 00	62 47 00	71 47 00	34 36 00	23 39 00	69 46 00	55 10 00	29 22 00	05 38 00	27 24 00	60 00 00	60 57 00
60.95	62.78	71.78	34.60	23.65	69.77	55.17	29.37	5.63	27.40	60.00	60.95
-5	-4	-8	-7	-7	-8	-8	-8	0	-1	-6	-5
0	0	0	0	0	0	0	0	0	0	0	0
00 04 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
0.07	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	3	3	3	4	3	3	3	3	5	4	3
20 17 00	08 34 00	01 15 00	01 15 00	50 32 00	01 09 00	01 30 00	01 09 00	00 30 00	63 46 00	17 49 00	17 50 00
20.28	8.57	1.25	1.25	50.53	1.15	1.50	1.15	0.50	63.77	17.82	17.83
0	0	0	0	0	0	0	0	0	0	0	0
2	5	19	8	2	2	8	8	5	2	7	7
42 35 00	56 48 00	06 16 00	52 19 03	60 47 00	72 08 00	21 34 03	03 39 00	64 17 00	65 16 00	19 17 00	20 29 00
42.58	56.80	6.27	52.32	60.78	72.13	21.57	3.65	64.28	65.27	19.28	20.48
8	12	43	44	30	18	28	23	23	18	48	37
23 02 00	31 35 00	46 41 00	33 14 00	73 47 00	74 04 00	15 36 00	15 43 00	15 46 00	15 36 00	53 50 00	54 17 00
23.03	31.58	46.68	33.23	73.78	74.07	15.60	15.72	15.77	15.60	53.83	54.28
4	8	32	31	8	6	15	12	8	5	17	15
2	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	103	103	0	0

1019	1013	1015	1007	1020	1022	2018	2033	3053	3065	3070	3066
63:01	63:01	63:01	63:00	63:00	63:00	62:58	62:58	74:06	74:06	74:06	74:06
63	63	63	63	63	63	63	63	74	74	74	74
NIST	NIST	NIST	NIST	NIST	NADC	NIST	NIST	NIST	NADC	NADC	NADC
1	1	1	1	1	2	1	1	1	2	2	2
S1X	S2X	S2X	KODAK	KODAK	KODAK	JVC	JVC	S1X	S1X	S1X	S2X
1	2	2	3	3	3	4	4	1	1	1	2
Al. Cal.	Al. Cal.	Al. Cal.									
3	3	3	3	3	3	3	3	3	3	3	3
36	37	38	39	40	41	42	43	44	45	46	47
45	45.1	45.1	45.0	45.3	44.6	45	45	44.9	44.6	44.7	44.5
49.6	49.8	49.8	49.6	49.7	49.7	49.7	49.7	49.6	49.6	49.6	49.7
114.9	115.0	115.0	114.9	114.9	114.9	114.9	114.9	115.7	115.7	115.7	115.8
1.39	1.38	1.39	1.39	1.37	1.39	1.39	1.39	1.19	1.20	1.20	1.20
1.61	1.62	1.60	1.61	1.63	1.61	1.6	1.6	1.62	1.61	1.60	1.61
17	13	16	9	15	11	17	16	25	23	16	21
0.076	0.070	0.070	0.070	0.071	0.066	0.073	0.073	0.077	0.075	0.072	0.068
0.082	0.081	0.074	0.077	0.075	0.073	0.078	0.078	0.083	0.083	0.080	0.075
0.080	0.073	0.072	0.073	0.074	0.070	0.076	0.075	0.080	0.080	0.077	0.072
21	25	25	19	19	18	25	25	18	19	19	20
23	27	26	23	24	20	29	30	21	20	20	22
21	26	25	20	21	19	26	26	19	19	20	21
0.10	0.10	0.11	0.09	0.09	-0.06	0.10	0.10	0.09	-0.09	-0.07	-0.08
0.24	0.26	0.28	0.26	0.26	0.08	0.26	0.24	0.26	0.05	0.09	0.04
0.14	0.15	0.16	0.14	0.14	0.00	0.15	0.14	0.15	-0.01	0.00	-0.01
-0.5	-0.4	-0.3	-0.5	-0.4	-0.2	-0.5	-0.5	-0.4	-0.2	-0.2	-0.2
0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1
-0.2	-0.2	-0.2	-0.3	-0.2	0.0	-0.3	-0.3	-0.2	0.0	0.0	0.0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 10 00	00 19 00	00 05 00	00 03 00	00 21 00	00 03 00	00 03 00	00 04 00	00 10 00	00 06 00	00 03 00
0.05	0.17	0.32	0.08	0.05	0.35	0.05	0.05	0.07	0.17	0.10	0.05
21	25	17	24	19	19	22	23	22	25	27	24
01 31 00	04 13 00	00 13 00	01 46 00	07 47 00	03 02 00	53 20 00	15 10 00	25 36 00	03 00 00	35 09 00	11 34 00
1.52	4.22	0.22	1.77	7.78	3.03	53.33	15.17	25.60	3.00	35.15	11.57
1	0	0	0	0	0	0	1	2	3	3	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 10 00	00 19 00	00 05 00	00 03 00	00 21 00	00 03 00	00 03 00	00 04 00	00 10 00	00 06 00	00 03 00
0.05	0.17	0.32	0.08	0.05	0.35	0.05	0.05	0.07	0.17	0.10	0.05
17	15	13	13	13	16	13	18	16	15	14	11
05 01 00	04 22 00	00 13 00	04 45 00	04 18 00	03 46 00	11 08 00	19 27 00	20 59 00	22 09 00	22 08 00	02 20 00
5.02	4.37	0.22	4.75	4.30	3.77	11.13	19.45	20.98	22.15	22.13	2.33
0	0	0	0	0	0	0	0	1	2	2	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 05 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 03 00
0.05	0.08	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
8	7	7	8	9	8	7	9	8	7	8	8
47 11 00	48 54 00	41 47 00	19 32 00	19 32 00	34 33 00	00 49 00	06 20 00	20 57 00	03 01 00	20 58 00	36 46 00
47.18	48.90	41.78	19.53	19.53	34.55	0.82	6.33	20.95	3.02	20.97	36.77
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 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00
0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.15	0.05	0.05
21	18	10	20	14	12	20	12	13	16	19	16
01 31 00	04 13 00	02 42 00	03 05 00	31 43 00	03 02 00	53 11 00	18 25 00	16 07 00	16 06 00	63 22 00	06 28 00
1.52	4.22	2.70	3.08	31.72	3.03	53.18	18.42	16.12	16.10	63.37	6.47
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 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00
0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.15	0.05	0.05
234	208	95	189	168	148	307	98	145	179	221	204
05 23 00	04 14 00	02 42 00	03 05 00	31 42 00	03 02 00	53 11 00	54 48 00	72 25 00	20 21 00	34 39 00	06 28 00
5.38	4.23	2.70	3.08	31.70	3.03	53.18	54.80	72.42	20.35	34.65	6.47
1	1	0	0	1	1	3	3	3	6	9	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 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	0	9	10	11	10	24	0	5	14	23	0
07 45 00	00 00 00	07 39 00	63 00 00	63 00 00	63 00 00	53 07 00	00 00 00	28 46 00	55 31 00	63 35 00	00 00 00
7.75	0.00	7.65	63.00	63.00	63.00	53.12	0.00	28.77	55.52	63.58	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	103	101	103	0	0	0	0	0	0
00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	63 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
0.00	0.00	0.00	63.00	63.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.46	0.46	0.47	0.43	0.43	0.43	0.45	0.46	0.32	0.34	0.34	0.34
56 42 00	20 52 00	19 24 00	23 42 00	56 33 00	25 33 00	61 43 00	61 24 00	59 52 00	47 44 00	25 22 00	18 06 00
56.70	20.87	19.40	23.70	56.55	25.55	61.72	61.40	59.87	47.73	25.37	18.10
0.50	0.50	0.51	0.47	0.48	0.49	0.50	0.51	0.38	0.38	0.39	0.38
04 54 00	45 35 00	63 01 00	55 33 00	51 30 00	59 02 00	53 49 00	01 15 00	28 47 00	00 44 00	59 18 00	01 18 00
4.90	45.58	63.02	55.55	51.50	59.03	53.82	1.25	28.78	0.73	59.30	1.30
0.48	0.48	0.49	0.45	0.46	0.46	0.48	0.49	0.35	0.36	0.37	0.36
0.70	0.72	0.75	0.72	0.74	0.74	0.71	0.71	0.68	0.70	0.70	0.74
24 34 00	25 32 00	30 07 00	25 45 00	20 52 00	26 14 00	27 34 00	28 44 00	25 53 00	26 14 00	21 49 00	21 30 00
24.57	25.53	30.12	25.75	20.87	26.23	27.57	28.73	25.88	26.23	21.82	21.50
0.76	0.77	0.80	0.77	0.79	0.80	0.77	0.76	0.73	0.76	0.75	0.80
53 01 00	02 11 00	50 47 00	54 54 00	52 37 00	54 20 00	04 51 00	04 47 00	00 27 00	63 28 00	62 56 00	67 35 00
53.02	2.18	50.78	54.90	52.62	54.33	4.85	4.78	0.45	63.47	62.93	67.58
0.73	0.75	0.77	0.75	0.77	0.77	0.74	0.74	0.71	0.73	0.73	0.76
0.50	0.50	0.51	0.48	0.46	0.48	0.50	0.50	0.33	0.34	0.36	0.35
53 47 00	61 03 00	51 28 00	56 47 00	56 33 00	33 18 00	61 14 00	61 24 00	68 59 00	47 44 00	25 22 00	72 32 00
53.78	61.05	51.47	56.78	56.55	33.30	61.23	61.40	68.98	47.73	25.37	72.53
0.55	0.55	0.56	0.52	0.52	0.52	0.55	0.55	0.40	0.39	0.40	0.39
45 44 00	03 54 00	34 16 00	10 06 00	17 09 00	59 02 00	62 23 00	05 10 00	28 47 00	00 44 00	01 30 00	01 18 00
45.73	3.90	34.27	10.10	17.15	59.03	62.38	5.17	28.78	0.73	1.50	1.30
0.53	0.53	0.53	0.50	0.50	0.50	0.53	0.53	0.37	0.37	0.38	0.37
0.77	0.79	0.80	0.80	0.80	0.81	0.77	0.78	0.70	0.71	0.73	0.76

53 47 00	61 03 00	51 28 00	55 35 00	15 27 00	33 18 00	62 24 00	60 13 00	68 59 00	26 26 00	20 09 00	24 39 00
53.78	61.05	51.47	55.58	15.45	33.30	62.40	60.22	68.98	26.43	20.15	24.65
0.84	0.87	0.88	0.86	0.86	0.87	0.84	0.84	0.78	0.77	0.79	0.83
17 47 00	49 16 00	34 16 00	10 06 00	17 09 00	50 33 00	62 23 00	05 10 00	10 17 00	62 54 00	05 14 00	60 43 00
17.78	49.27	34.27	10.10	17.15	50.55	62.38	5.17	10.28	62.90	5.23	60.72
0.81	0.83	0.84	0.83	0.84	0.84	0.81	0.81	0.75	0.75	0.76	0.79
64	63	63	62	64	65	64	64	66	69	68	68
30 35 00	26 59 00	34 16 00	27 21 00	17 09 00	33 47 00	30 15 00	28 44 00	30 31 00	12 45 00	27 59 00	26 24 00
30.58	26.98	34.27	27.35	17.15	33.78	30.25	28.73	30.52	12.75	27.98	26.40
70	68	70	69	69	70	70	70	72	74	72	74
53 47 00	37 35 00	51 28 00	55 35 00	57 01 00	57 25 00	58 02 00	01 32 00	57 00 00	67 44 00	67 13 00	69 03 00
53.78	37.58	51.47	55.58	57.02	57.42	58.03	1.53	57.00	67.73	67.22	69.05
66	65	67	65	66	67	67	66	69	71	70	71
-1	-2	-1	0	0	0	0	-2	0	0	0	-3
01 30 00	00 25 00	01 09 00	19 09 00	38 04 00	63 00 00	00 05 00	00 04 00	66 19 00	66 21 00	00 09 00	72 32 00
1.50	0.42	1.15	19.15	38.07	63.00	0.08	0.07	66.32	66.35	0.15	72.53
-8	-7	-7	-2	-3	2	-8	-9	-7	-6	-9	-7
62 04 00	62 54 00	62 54 00	62 59 00	60 56 00	36 02 00	62 28 00	61 55 00	50 23 00	30 11 00	34 21 00	29 03 00
62.07	62.90	62.90	62.98	60.93	36.03	62.47	61.92	50.38	30.18	34.35	29.05
-5	-5	-5	-1	-1	1	-4	-5	-4	-3	-6	-5
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00
0.05	0.07	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.15	0.05	0.05
3	5	3	3	4	5	6	17	5	8	8	3
01 30 00	00 03 00	00 04 00	01 46 00	00 10 00	63 09 00	53 08 00	00 49 00	00 47 00	00 03 00	00 23 00	05 31 00
1.50	0.05	0.07	1.77	0.17	63.15	53.13	0.82	0.78	0.05	0.38	5.52
0	0	0	0	0	0	0	0	0	0	0	0
14	7	5	6	6	2	4	5	13	3	0	2
06 36 00	03 06 00	10 48 03	22 06 00	26 49 00	28 29 00	25 46 00	32 58 00	05 06 00	69 07 00	65 30 00	31 52 00
6.60	3.10	10.80	22.10	26.82	28.48	25.77	32.97	5.10	69.12	65.50	31.87
53	31	32	31	30	29	33	31	37	25	27	21
53 54 00	54 12 00	54 13 00	54 16 00	54 13 00	53 50 00	57 57 00	57 49 00	61 17 00	60 24 00	59 39 00	73 42 00
53.90	54.20	54.22	54.27	54.22	53.83	57.95	57.82	61.28	60.40	59.65	73.70
27	13	13	12	12	5	11	11	26	7	4	8
0	0	0	0	0	0	0	1	0	1	1	0
0	0	0	103	101	103	0	0	0	0	0	0

3069	3098	3041	3042	3057	1119	1064	1050	1015	1001	1118	1034	Aborted:
74:06	74:06	74:05	74:05	74:06	63:06	63:06	63:06	63:06	63:06	63:06	63:05	
74	74	74	74	74	63	63	63	63	63	63	63	63
NIST	NIST	NADC	NIST	NIST	NIST	NIST	NIST	NIST	NIST	NIST	NIST	NIST
1	1	2	1	1	1	1	1	1	1	1	1	1
S2X	S2X	KODAK	KODAK	KODAK	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	
2	2	3	3	3	1	1	1	2	2	2	3	
					Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.		
3	3	3	3	3	4	4	4	4	4	4	4	4
48	49	50	51	52	53	54	55	56	57	58	59	
45.0	45.0	44.6	44.9	44.9	45.2	45.2	44.9	45.1	45.2	45	44.9	
49.8	49.7	49.6	49.7	49.6	49.8	49.8	49.7	49.9	49.9	49.9	49.8	
115.8	115.7	115.7	115.7	115.7	115.3	115.3	115.3	115.4	115.3	115.4	115.4	
1.20	1.20	1.2	1.2	1.19	1.39	1.39	1.39	1.40	1.40	1.39	1.40	
1.61	1.61	1.61	1.61	1.62	1.62	1.62	1.62	1.60	1.60	1.62	1.61	
20	22	25	29	21	12	14	11	9	8	14	10	
0.070	0.070	0.070	0.071	0.075	0.096	0.094	0.095	0.091	0.091	0.094	0.090	
0.077	0.077	0.076	0.075	0.081	0.114	0.105	0.110	0.103	0.104	0.107	0.103	
0.074	0.074	0.074	0.073	0.078	0.104	0.101	0.104	0.099	0.099	0.102	0.098	
20	20	18	18	18	23	23	22	24	23	23	22	
23	22	19	20	22	25	25	26	27	28	26	26	
21	21	18	19	20	24	24	23	25	25	24	23	
0.10	0.09	-0.07	0.09	0.09	0.12	0.13	0.11	0.11	0.10	0.11	0.11	
0.24	0.24	0.08	0.22	0.26	0.33	0.33	0.28	0.30	0.33	0.27	0.27	
0.14	0.14	0.00	0.14	0.15	0.18	0.19	0.16	0.17	0.18	0.16	0.16	
-0.4	-0.4	-0.2	-0.4	-0.5	-0.2	-0.3	-0.2	-0.3	-0.3	-0.2	-0.2	
0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
-0.2	-0.2	0.0	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1	
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	01 31 00	07 05 00	24 15 00	00 03 00	00 03 00	00 04 00	00 09 00	
0.07	0.05	0.05	0.05	0.05	1.52	7.08	24.25	0.05	0.05	0.07	0.15	
17	20	19	16	22	31	27	99	16	29	29	1078	
20 53 00	16 02 00	52 19 00	16 06 00	35 14 00	20 04 00	11 29 00	21 30 00	09 59 00	19 05 00	16 06 00	60 18 00	
20.88	16.03	52.32	16.10	35.23	20.07	11.48	21.50	9.98	19.08	16.10	60.30	
0	0	1	0	1	5	7	15	1	1	4	1	
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	01 31 00	07 05 00	24 15 00	00 03 00	00 03 00	00 04 00	00 09 00	
0.07	0.05	0.05	0.05	0.05	1.52	7.08	24.25	0.05	0.05	0.07	0.15	
10	14	16	12	14	29	26	49	14	14	24	14	
10 52 00	21 35 00	16 22 00	54 54 00	11 43 00	20 04 00	16 01 00	21 19 00	45 35 00	00 11 00	26 00 00	40 38 00	
10.87	21.58	16.37	54.90	11.72	20.07	16.02	21.32	45.58	0.18	26.00	40.63	
0	0	0	0	1	5	6	11	1	1	3	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 04 00	00 03 00	00 09 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	0.15	0.05	0.05	0.05	0.05	
8	8	9	8	8	7	7	19	5	10	10	11	
09 44 00	05 02 00	18 28 00	35 26 00	21 18 00	00 03 00	47 11 00	21 31 00	09 57 00	05 33 00	03 29 00	60 18 00	
9.73	5.03	18.47	35.43	21.30	0.05	47.18	21.52	9.95	5.55	3.48	60.30	
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 04 00	00 03 00	00 14 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	0.23	0.05	0.05	0.05	0.05
14	16	17	15	15	18	17	57	14	19	18	1064
08 01 00	23 35 00	20 59 00	20 21 00	34 39 00	25 37 00	00 17 00	21 33 00	09 58 00	19 05 00	09 10 00	60 18 00
8.02	23.58	20.98	20.35	34.65	25.62	0.28	21.55	9.97	19.08	9.17	60.30
0	0	0	0	0	0	0	2	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 04 00	00 03 00	00 14 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	0.23	0.05	0.05	0.05	0.05
140	248	243	208	207	222	172	383	101	235	203	178
72 21 00	23 35 00	20 59 00	52 13 00	34 39 00	25 37 00	52 59 00	21 20 00	38 03 00	19 05 00	09 10 00	35 07 00
72.35	23.58	20.98	52.22	34.65	25.62	52.98	21.33	38.05	19.08	9.17	35.12
1	2	4	1	3	2	1	19	0	1	3	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
0	0	10	10	7	0	0	112	0	0	11	18
00 00 00	00 00 00	74 05 00	74 05 00	35 11 00	00 00 00	00 00 00	21 33 00	00 00 00	00 00 00	08 09 00	12 36 00
0.00	0.00	74.08	74.08	35.18	0.00	0.00	21.55	0.00	0.00	8.15	12.60
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 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	103	103	0	0	0	37	0	0	0	1082
00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	21 33 00	00 00 00	00 00 00	00 00 00	60 18 00
0.00	0.00	74.08	74.08	0.00	0.00	0.00	21.55	0.00	0.00	0.00	60.30
0	0	0	0	0	0	0	0	0	0	0	0
0.33	0.33	0.30	0.30	0.34	0.46	0.45	0.46	0.48	0.47	0.47	0.26
70 30 00	31 20 00	18 25 00	62 30 00	66 54 00	14 09 00	17 41 00	17 11 00	15 52 00	16 19 00	18 01 00	60 18 00
70.50	31.33	18.42	62.50	66.90	14.15	17.68	17.18	15.87	16.32	18.02	60.30
0.37	0.37	0.34	0.34	0.37	0.52	0.51	0.52	0.53	0.52	0.53	0.51
73 22 00	74 06 00	73 17 00	06 04 00	12 02 00	61 52 00	46 07 00	46 30 00	63 06 00	63 06 00	63 06 00	43 35 00
73.37	74.10	73.28	6.07	12.03	61.87	46.12	46.50	63.10	63.10	63.10	43.58
0.35	0.35	0.32	0.32	0.36	0.49	0.49	0.50	0.50	0.50	0.50	0.49
0.73	0.73	0.72	0.71	0.69	0.67	0.66	0.68	0.71	0.69	0.71	0.50
26 09 00	26 09 00	23 00 00	19 24 00	35 34 00	17 41 00	16 36 00	16 17 00	16 34 00	16 35 00	16 38 00	60 18 00
26.15	26.15	23.00	19.40	35.57	17.68	16.60	16.28	16.57	16.58	16.63	60.30
0.78	0.79	0.76	0.76	0.74	0.74	0.74	0.74	0.77	0.77	0.77	0.77
59 25 00	74 06 00	01 18 00	00 12 00	58 20 00	01 49 00	24 35 00	01 11 00	00 51 00	02 46 00	22 56 00	00 51 00
59.42	74.10	1.30	0.20	58.33	1.82	24.58	1.18	0.85	2.77	22.93	0.85
0.76	0.76	0.74	0.73	0.72	0.71	0.71	0.72	0.75	0.74	0.75	0.75
0.34	0.35	0.33	0.32	0.35	0.46	0.46	0.47	0.48	0.48	0.49	0.27
70 30 00	63 32 00	18 25 00	67 50 00	74 05 00	14 09 00	10 35 00	17 02 00	15 41 00	16 19 00	07 17 00	60 18 00
70.50	63.53	18.42	67.83	74.08	14.15	10.58	17.03	15.68	16.32	7.28	60.30
0.39	0.39	0.36	0.36	0.40	0.54	0.53	0.54	0.54	0.54	0.55	0.52
05 38 00	18 16 00	46 24 00	08 56 00	23 54 00	58 05 00	49 44 00	61 16 00	55 20 00	63 06 00	63 06 00	54 08 00
5.63	18.27	46.40	8.93	23.90	58.08	49.73	61.27	55.33	63.10	63.10	54.13
0.37	0.37	0.34	0.34	0.37	0.50	0.50	0.51	0.51	0.51	0.51	0.49
0.76	0.76	0.76	0.75	0.72	0.68	0.67	0.69	0.71	0.71	0.74	0.52

58 35 00	22 47 00	73 59 00	52 55 00	35 54 00	12 30 00	10 35 00	12 49 00	12 10 00	16 19 00	17 44 00	60 18 00
58.58	22.78	73.98	52.92	35.90	12.50	10.58	12.82	12.17	16.32	17.73	60.30
0.83	0.83	0.82	0.82	0.78	0.76	0.76	0.77	0.80	0.79	0.81	0.79
05 38 00	36 56 00	41 39 00	39 24 00	43 39 00	58 05 00	49 44 00	35 43 00	55 20 00	44 18 00	38 12 00	55 34 00
5.63	36.93	41.65	39.40	43.65	58.08	49.73	35.72	55.33	44.30	38.20	55.57
0.80	0.80	0.79	0.78	0.75	0.73	0.72	0.74	0.76	0.76	0.77	0.76
67	65	66	65	66	68	68	69	68	68	68	69
05 38 00	36 56 00	26 09 00	39 24 00	28 43 00	60 46 00	49 44 00	35 43 00	55 20 00	11 59 00	38 12 00	43 22 00
5.63	36.93	26.15	39.40	28.72	60.77	49.73	35.72	55.33	11.98	38.20	43.37
72	72	72	71	72	74	75	75	75	73	74	74
58 35 00	68 00 00	69 19 00	00 10 00	61 07 00	05 20 00	25 35 00	06 25 00	25 04 00	05 45 00	21 32 00	02 58 00
58.58	68.00	69.32	0.17	61.12	5.33	25.58	6.42	25.07	5.75	21.53	2.97
69	69	69	68	69	71	71	71	71	70	71	71
0	-1	0	0	-2	-1	0	-1	-3	-3	-1	0
73 33 00	00 55 00	01 55 00	30 59 00	05 47 00	04 55 00	17 57 00	18 50 00	07 02 00	46 23 00	23 18 00	00 52 00
73.55	0.92	1.92	30.98	5.78	4.92	17.95	18.83	7.03	46.38	23.30	0.87
-6	-7	1	2	-8	-9	-7	-8	-7	-7	-6	5
25 17 00	48 52 00	00 30 00	00 07 00	34 58 00	58 34 00	54 16 00	53 53 00	62 53 00	62 53 00	30 27 00	60 18 00
25.28	48.87	0.50	0.12	34.97	58.57	54.27	53.88	62.88	62.88	30.45	60.30
-4	-5	0	1	-5	-5	-4	-5	-5	-5	-4	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 04 00	00 03 00	00 14 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	0.23	0.05	0.05	0.05	0.05
3	5	4	4	4	4	4	6	3	3	3	162
08 01 00	01 41 00	20 59 00	52 08 00	30 27 00	25 38 00	52 03 00	21 31 00	09 59 00	09 52 00	02 00 00	60 18 00
8.02	1.68	20.98	52.13	30.45	25.63	52.05	21.52	9.98	9.87	2.00	60.30
0	0	0	0	0	0	0	0	0	0	0	0
7	8	1	6	8	12	10	14	5	6	5	6
22 44 03	08 49 00	56 44 00	21 50 00	72 02 00	51 52 00	00 37 03	23 50 03	53 29 00	59 52 00	05 12 03	42 25 00
22.73	8.82	56.73	21.83	72.03	51.87	0.62	23.83	53.48	59.87	5.20	42.42
18	19	9	18	34	31	28	34	11	13	14	115
22 33 00	69 53 00	73 19 00	72 55 00	38 59 00	14 12 00	12 58 00	11 21 00	05 54 00	15 31 00	41 38 00	60 18 00
22.55	69.88	73.32	72.92	38.98	14.20	12.97	11.35	5.90	15.52	41.63	60.30
12	12	4	8	15	19	21	23	8	8	9	8
0	0	0	0	0	0	0	0	0	0	0	3
0	0	103	103	0	0	0	86	0	0	0	1082

1068	1066	1044	1046	2064	2085	2094	2042	2093	2041	2000	1159
63:05	63:05	63:04	63:04	74:06	74:06	74:06	74:06	74:06	74:05	74:05	63:01
63	63	63	63	74	74	74	74	74	74	74	63
NIST	NADC	NIST	NADC	NIST	NIST	NADC	NIST	NIST	NIST	NADC	NIST
1	2	1	2	1	1	2	1	1	1	2	1
KODAK	KODAK	JVC	JVC	S1X	S1X	S1X	S2X	S2X	KODAK	KODAK	S1X
3	3	4	4	1	1	1	1	2	3	3	1
											Al. Cal.
4	4	4	4	4	4	4	4	4	4	4	5
60	61	62	63	64	65	66	67	68	69	70	71
44.9	44.6	44.9	44.7	45.0	44.9	44.6	44.9	44.9	44.9	44.6	45.2
49.8	49.8	49.8	49.9	49.8	49.7	49.7	49.9	49.9	49.8	49.8	49.6
115.4	115.3	115.3	115.3	115.7	115.6	115.7	115.7	115.7	115.6	115.6	114.6
1.38	1.40	1.39	1.4	1.20	1.19	1.20	1.18	1.20	1.19	1.2	1.39
1.63	1.61	1.62	1.6	1.61	1.62	1.61	1.63	1.61	1.62	1.61	1.60
9	15	10	18	15	18	22	15	13	11	20	14
0.090	0.090	0.095	0.096	0.090	0.089	0.091	0.083	0.086	0.086	0.085	0.065
0.103	0.100	0.106	0.107	0.102	0.102	0.102	0.098	0.097	0.103	0.096	0.071
0.098	0.096	0.103	0.102	0.098	0.098	0.098	0.093	0.094	0.098	0.093	0.069
22	22	25	25	23	23	23	24	23	21	21	21
24	24	28	27	24	24	24	26	26	25	23	24
23	23	27	26	23	24	24	25	24	22	22	22
0.12	-0.19	0.12	-0.17	0.10	0.10	-0.11	0.10	0.09	0.09	-0.10	0.10
0.30	0.04	0.28	0.04	0.28	0.23	0.07	0.26	0.24	0.26	0.08	0.29
0.18	-0.05	0.17	-0.05	0.16	0.14	-0.01	0.15	0.14	0.15	-0.01	0.17
-0.3	-0.5	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
0.0	0.1	0.0	0.2	0.0	0.0	0.2	0.0	0.1	0.1	0.2	-0.1
-0.2	-0.2	-0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 07 00	04 13 00	00 24 00	08 35 00	30 16 00	09 10 00	00 03 00	00 03 00	00 03 00	00 14 00	00 05 00
0.15	0.12	4.22	0.40	8.58	30.27	9.17	0.05	0.05	0.05	0.23	0.08
18	27	35	33	32	55	50	17	17	14	28	49
12 35 00	48 21 00	00 04 00	41 45 00	03 28 00	00 32 00	70 39 00	61 27 00	39 52 00	11 14 00	55 40 00	48 12 00
12.58	48.35	0.07	41.75	3.47	0.53	70.65	61.45	39.87	11.23	55.67	48.20
2	3	3	7	5	9	15	0	0	1	3	15
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 07 00	04 13 00	00 24 00	08 35 00	30 16 00	09 10 00	00 03 00	00 03 00	00 03 00	00 03 00	00 05 00
0.15	0.12	4.22	0.40	8.58	30.27	9.17	0.05	0.05	0.05	0.05	0.08
18	18	33	29	32	55	50	12	10	12	22	46
58 14 00	22 24 00	00 04 00	41 45 00	03 28 00	00 32 00	70 39 00	08 29 00	07 35 00	06 47 00	00 17 00	50 58 00
58.23	22.40	0.07	41.75	3.47	0.53	70.65	8.48	7.58	6.78	0.28	50.97
2	2	2	5	5	8	14	0	0	0	2	13
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	10	7	8	8	7	8	8	12	8	9	7
46 56 00	48 21 00	55 01 00	36 44 00	39 51 00	00 54 00	11 03 00	05 16 00	39 52 00	11 03 00	11 02 00	43 57 00
46.93	48.35	55.02	36.73	39.85	0.90	11.05	5.27	39.87	11.05	11.03	43.95
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 09 00	00 04 00	00 05 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.15	0.07	0.08	0.05	0.07	0.05	0.05	0.05	0.08	0.05
7	15	22	15	12	16	25	12	12	12	23	14
59 11 00	56 46 00	04 06 00	19 49 00	59 29 00	20 04 00	00 12 00	61 27 00	04 09 00	11 15 00	55 43 00	51 52 00
59.18	56.77	4.10	19.82	59.48	20.07	0.20	61.45	4.15	11.25	55.72	51.87
0	0	0	1	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 09 00	00 04 00	00 05 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.15	0.07	0.08	0.05	0.07	0.05	0.05	0.05	0.08	0.05
69	196	309	150	185	198	220	90	115	142	239	129
59 29 00	56 46 00	04 06 00	57 49 00	73 51 00	20 04 00	00 12 00	61 27 00	04 09 00	21 35 00	55 43 00	51 56 00
59.48	56.77	4.10	57.82	73.85	20.07	0.20	61.45	4.15	21.58	55.72	51.93
0	2	5	13	2	2	10	0	0	1	9	10
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 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	0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0	10	23	37	53	0	26	0	0	11	27	12
00 00 00	63 05 00	55 57 00	27 57 00	00 03 00	00 00 00	53 59 00	00 00 00	00 00 00	74 05 00	55 37 00	58 25 00
0.00	63.08	55.95	27.95	0.05	0.00	53.98	0.00	0.00	74.08	55.62	58.42
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 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	0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0	102	103	103	505	0	0	0	0	98	100	0
00 00 00	63 05 00	63 04 00	63 04 00	00 03 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00
0.00	63.08	63.07	63.07	0.05	0.00	0.00	0.00	0.00	74.08	74.08	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.46	0.45	0.47	0.45	0.34	0.34	0.31	0.34	0.34	0.29	0.29	0.48
17 03 00	17 25 00	15 07 00	16 23 00	21 13 00	70 11 00	74 06 00	67 05 00	56 59 00	73 08 00	74 03 00	41 59 00
17.05	17.42	15.12	16.38	21.22	70.18	74.10	67.08	56.98	73.13	74.05	41.98
0.51	0.51	0.52	0.50	0.39	0.38	0.39	0.38	0.38	0.37	0.37	0.55
37 20 00	58 15 00	56 04 00	56 33 00	00 45 00	00 13 00	00 04 00	00 13 00	00 46 00	00 16 00	00 56 00	63 01 00
37.33	58.25	56.07	56.55	0.75	0.22	0.07	0.22	0.77	0.27	0.93	63.02
0.49	0.48	0.50	0.48	0.36	0.36	0.36	0.36	0.36	0.33	0.33	0.50
0.70	0.71	0.67	0.68	0.71	0.72	0.72	0.73	0.73	0.72	0.73	0.69
17 46 00	16 22 00	15 07 00	17 04 00	73 54 00	73 58 00	73 50 00	73 35 00	73 01 00	73 07 00	73 56 00	00 47 00
17.77	16.37	15.12	17.07	73.90	73.97	73.83	73.58	73.02	73.12	73.93	0.78
0.76	0.79	0.74	0.74	0.77	0.77	0.79	0.80	0.80	0.81	0.81	0.74
44 44 00	48 46 00	00 51 00	43 46 00	00 49 00	00 41 00	01 02 00	00 05 00	00 05 00	00 05 00	00 42 00	63 01 00
44.73	48.77	0.85	43.77	0.82	0.68	1.03	0.08	0.08	0.08	0.70	63.02
0.74	0.76	0.71	0.72	0.73	0.74	0.76	0.75	0.76	0.76	0.77	0.72
0.47	0.45	0.48	0.46	0.35	0.35	0.33	0.35	0.35	0.31	0.30	0.51
15 35 00	13 51 00	15 41 00	16 15 00	05 57 00	10 14 00	74 06 00	35 38 00	64 01 00	73 39 00	73 50 00	27 41 00
15.58	13.85	15.68	16.25	5.95	10.23	74.10	35.63	64.02	73.65	73.83	27.68
0.53	0.52	0.53	0.52	0.40	0.40	0.39	0.39	0.39	0.36	0.37	0.58
62 29 00	58 15 00	46 35 00	56 32 00	57 53 00	45 04 00	66 12 00	31 12 00	23 00 00	15 13 00	00 56 00	63 01 00
62.48	58.25	46.58	56.53	57.88	45.07	66.20	31.20	23.00	15.22	0.93	63.02
0.50	0.49	0.51	0.49	0.37	0.37	0.37	0.37	0.37	0.34	0.34	0.54
0.71	0.72	0.69	0.69	0.72	0.74	0.73	0.76	0.76	0.75	0.76	0.73

15 35 00	13 51 00	20 06 00	11 54 00	14 59 00	23 36 00	36 30 00	35 38 00	60 21 00	73 30 00	73 50 00	27 41 00
15.58	13.85	20.10	11.90	14.98	23.60	36.50	35.63	60.35	73.50	73.83	27.68
0.80	0.82	0.75	0.77	0.79	0.81	0.82	0.83	0.82	0.82	0.85	0.83
51 11 00	54 46 00	44 31 00	52 48 00	49 25 00	45 04 00	63 50 00	54 31 00	51 41 00	26 35 00	55 34 00	59 56 00
51.18	54.77	44.52	52.80	49.42	45.07	63.83	54.52	51.68	26.58	55.57	59.93
0.76	0.77	0.72	0.73	0.76	0.77	0.78	0.79	0.79	0.79	0.80	0.77
68	69	69	69	67	66	67	66	67	66	68	65
51 11 00	15 37 00	42 18 00	55 12 00	72 40 00	45 04 00	73 01 00	54 31 00	73 41 00	58 56 00	55 34 00	59 56 00
51.18	15.62	42.30	55.20	72.67	45.07	73.02	54.52	73.68	58.93	55.57	59.93
74	76	75	75	73	74	76	73	73	74	75	71
22 57 00	07 53 00	25 33 00	04 56 00	00 47 00	00 29 00	36 30 00	01 41 00	00 28 00	01 58 00	03 12 00	27 41 00
22.95	7.88	25.55	4.93	0.78	0.48	36.50	1.68	0.47	1.97	3.20	27.68
71	73	71	72	70	70	71	70	70	70	71	68
-1	0	0	0	-1	-3	-5	-2	-1	0	0	-4
42 37 00	46 50 00	00 09 00	00 06 00	04 41 00	06 29 00	03 44 00	69 10 00	73 41 00	06 54 00	24 28 00	01 16 00
42.62	46.83	0.15	0.10	4.68	6.48	3.73	69.17	73.68	6.90	24.47	1.27
-3	-2	-9	-9	-10	-11	-12	-8	-9	9	6	-12
09 48 00	11 47 00	62 58 00	63 01 00	66 56 00	69 30 00	66 43 00	18 26 00	13 39 00	73 55 00	74 03 00	61 23 00
9.80	11.78	62.97	63.02	66.93	69.50	66.72	18.43	13.65	73.92	74.05	61.38
-2	-1	-6	-6	-6	-7	-8	-5	-5	2	0	-9
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 13 00	00 05 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	0.05	0.22	0.08	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05
5	8	5	4	5	3	4	3	3	5	4	5
00 48 00	63 05 00	04 58 00	19 49 00	00 06 00	17 08 00	14 39 00	48 38 00	27 16 00	00 10 00	00 08 00	00 16 00
0.80	63.08	4.97	19.82	0.10	17.13	14.65	48.63	27.27	0.17	0.13	0.27
0	0	0	0	0	0	0	0	0	0	0	0
7	2	6	3	13	10	2	5	5	5	1	6
14 44 00	52 27 00	47 53 00	43 49 00	04 49 00	74 01 00	65 55 00	43 19 00	42 40 00	71 29 00	49 54 00	36 11 03
14.73	52.45	47.88	43.82	4.82	74.02	65.92	43.32	42.67	71.48	49.90	36.18
12	16	13	9	26	31	24	14	13	15	8	35
19 42 00	00 07 00	00 42 00	19 07 00	33 46 00	16 25 00	13 45 00	52 02 00	61 36 00	06 54 00	12 19 00	10 07 00
19.70	0.12	0.70	19.12	33.77	16.42	13.75	52.03	61.60	6.90	12.32	10.12
9	5	8	5	19	17	8	8	8	7	3	18
0	1	0	0	0	0	0	0	0	0	0	0
0	102	103	104	608	0	0	0	0	98	100	0

1161	1095	1142	1086	1077	1075	1082	1076	1079	1449	2209	2210
63:01	63:01	63:01	63:01	63:01	63:00	63:00	63:00	62:58	62:58	74:00	74:00
63	63	63	63	63	63	63	63	63	63	74	74
NIST	NIST	NIST	NIST	NIST	NIST	NIST	NADC	NADC	NADC	NADC	NADC
1	1	1	1	1	1	1	2	2	2	2	2
S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	KODAK	JVC?	JVC	S1X	S1X
1	1	2	2	2	3	3	3	4	4	1	1
Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.	Al. Cal.							
5	5	5	5	5	5	5	5	5	5	5	5
72	73	74	75	76	77	78	79	80	81	82	83
45.1	45	45.1	45.2	44.9	45.0	45.2	44.6	44.6	44.8	44.6	44.6
49.6	49.6	49.8	49.7	49.7	49.7	49.6	49.6	49.7	49.7	49.5	49.5
114.6	114.6	114.7	114.7	114.7	114.6	114.6	114.6	114.6	114.6	114.9	114.9
1.37	1.36	1.39	1.38	1.38	1.39	1.38	1.39	1.39	1.39	1.19	1.19
1.62	1.63	1.60	1.61	1.61	1.60	1.61	1.60	1.6	1.59	1.6	1.6
13	14	13	23	18	15	12	17	22	6	14	15
0.065	0.067	0.067	0.067	0.067	0.068	0.068	0.070	0.066	0.067	0.053	0.053
0.071	0.072	0.071	0.072	0.073	0.075	0.074	0.078	0.074	0.076	0.059	0.061
0.068	0.070	0.069	0.070	0.070	0.072	0.072	0.075	0.070	0.072	0.056	0.057
22	21	24	24	24	22	22	22	21	21	19	20
26	24	27	27	27	27	28	24	23	23	22	22
23	22	25	25	25	23	23	23	22	22	20	21
0.10	0.09	0.10	0.11	0.10	0.10	0.10	-0.15	-0.12	-0.12	-0.12	-0.09
0.30	0.27	0.31	0.28	0.26	0.28	0.27	0.03	0.03	0.06	0.02	0.01
0.17	0.15	0.17	0.16	0.15	0.16	0.16	-0.04	-0.04	-0.03	-0.04	-0.03
-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2
-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1
-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	17	4
02 36 00	00 03 00	00 03 00	00 08 00	00 31 00	04 06 00	00 06 00	00 28 00	01 41 00	00 35 00	00 11 00	00 03 00
2.60	0.05	0.05	0.13	0.52	4.10	0.10	0.47	1.68	0.58	0.18	0.05
168	55	57	81	63	29	23	19	28	46	398	376
62 52 00	59 19 00	22 40 00	28 48 00	30 26 00	13 05 00	00 21 00	01 05 00	02 12 00	35 58 00	73 39 00	36 54 00
62.87	59.32	22.67	28.80	30.43	13.08	0.35	1.08	2.20	35.97	73.65	36.90
43	11	10	20	15	4	1	2	3	4	98	115
0	0	0	0	0	0	0	0	0	0	14	4
02 36 00	00 03 00	00 03 00	00 08 00	00 28 00	04 06 00	00 06 00	00 28 00	01 41 00	00 35 00	26 08 00	00 03 00
2.60	0.05	0.05	0.13	0.47	4.10	0.10	0.47	1.68	0.58	26.13	0.05
138	49	54	74	59	28	18	18	22	22	272	297
62 46 00	59 19 00	22 40 00	21 07 00	30 26 00	01 45 00	11 59 00	36 54 00	21 49 00	29 57 00	68 54 00	34 50 00
62.77	59.32	22.67	21.12	30.43	1.75	11.98	36.90	21.82	29.95	68.90	34.83
37	10	10	18	14	4	1	1	2	3	76	92
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 06 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.05
18	9	6	9	8	7	6	7	11	9	42	46
55 52 00	60 20 00	21 45 00	41 32 00	31 06 00	41 36 00	35 09 00	01 05 00	19 49 00	43 54 00	62 05 00	36 54 00
55.87	60.33	21.75	41.53	31.10	41.60	35.15	1.08	19.82	43.90	62.08	36.90
2	0	0	0	0	0	0	0	0	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 04 00	00 03 00	00 03 00	00 03 00	00 06 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.10	0.05
36	15	10	11	14	10	19	11	12	36	163	96
60 33 00	16 13 00	41 31 00	41 32 00	33 35 00	24 19 00	41 36 00	01 05 00	28 19 00	35 58 00	68 21 00	71 02 00
60.55	16.22	41.52	41.53	33.58	24.32	41.60	1.08	28.32	35.97	68.35	71.03
3	0	0	0	0	0	0	0	0	0	15	16
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 03 00	00 03 00	00 03 00	00 06 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.10	0.05
292	129	94	115	119	95	124	112	113	434	539	671
60 15 00	16 07 00	30 27 00	29 08 00	33 35 00	54 11 00	41 35 00	48 38 00	28 19 00	36 30 00	64 30 00	40 56 00
60.25	16.12	30.45	29.13	33.58	54.18	41.58	48.63	28.32	36.50	64.50	40.93
30	7	3	5	5	1	1	1	2	10	112	128
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
23	7	0	4	19	11	11	12	0	93	127	121
61 08 00	47 51 00	00 00 00	30 54 00	33 15 00	63 00 00	63 00 00	63 00 00	00 00 00	36 06 00	66 10 00	67 03 00
61.13	47.85	0.00	30.90	33.25	63.00	63.00	63.00	0.00	36.10	66.17	67.05
0	0	0	0	0	0	0	0	0	0	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 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
2	0	0	0	0	104	104	104	0	0	222	157
40 55 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	63 00 00	00 00 00	00 00 00	67 03 00	63 59 00
40.92	0.00	0.00	0.00	0.00	63.00	63.00	63.00	0.00	0.00	67.05	63.98
0	0	0	0	0	0	0	0	0	0	1	0
0.46	0.47	0.49	0.49	0.49	0.46	0.47	0.46	0.48	0.44	0.33	0.33
62 45 00	00 17 00	61 54 00	62 54 00	61 23 00	63 00 00	62 43 00	42 01 00	23 43 00	22 38 00	70 07 00	73 19 00
62.75	0.28	61.90	62.90	61.38	63.00	62.72	42.02	23.72	22.63	70.12	73.32
0.55	0.55	0.54	0.54	0.54	0.50	0.50	0.49	0.51	0.51	0.38	0.39
63 01 00	63 01 00	63 00 00	63 01 00	63 01 00	09 59 00	09 31 00	02 06 00	59 07 00	57 27 00	03 29 00	74 00 00
63.02	63.02	63.00	63.02	63.02	9.98	9.52	2.10	59.12	57.45	3.48	74.00
0.50	0.50	0.51	0.51	0.51	0.48	0.49	0.48	0.49	0.49	0.36	0.36
0.69	0.68	0.72	0.73	0.74	0.71	0.71	0.71	0.70	0.70	0.64	0.64
00 29 00	01 11 00	00 51 00	00 19 00	02 14 00	00 36 00	00 03 00	08 39 00	18 55 00	22 38 00	00 15 00	01 05 00
0.48	1.18	0.85	0.32	2.23	0.60	0.05	8.65	18.92	22.63	0.25	1.08
0.76	0.76	0.78	0.79	0.80	0.74	0.75	0.75	0.75	0.75	0.74	0.73
62 48 00	63 00 00	25 35 00	21 34 00	36 23 00	61 48 00	55 20 00	54 21 00	57 46 00	57 35 00	73 59 00	73 59 00
62.80	63.00	25.58	21.57	36.38	61.80	55.33	54.35	57.77	57.58	73.98	73.98
0.73	0.73	0.76	0.76	0.77	0.73	0.73	0.73	0.72	0.72	0.68	0.69
0.51	0.50	0.53	0.52	0.53	0.49	0.49	0.48	0.50	0.47	0.35	0.35
49 07 00	08 20 00	29 44 00	01 56 00	32 02 00	06 10 00	32 01 00	46 02 00	29 38 00	22 38 00	70 07 00	57 04 00
49.12	8.33	29.73	1.93	32.03	6.17	32.02	46.03	29.63	22.63	70.12	57.07
0.60	0.60	0.57	0.58	0.57	0.53	0.54	0.52	0.54	0.54	0.40	0.41
63 01 00	63 01 00	63 01 00	35 14 00	63 01 00	01 21 00	02 26 00	02 06 00	02 14 00	58 15 00	73 59 00	74 00 00
63.02	63.02	63.02	35.23	63.02	1.35	2.43	2.10	2.23	58.25	73.98	74.00
0.54	0.53	0.55	0.55	0.55	0.51	0.51	0.50	0.52	0.52	0.37	0.37
0.73	0.73	0.77	0.77	0.78	0.74	0.75	0.73	0.73	0.72	0.66	0.67

14 48 00	08 20 00	07 09 00	01 56 00	07 30 00	06 10 00	15 44 00	08 39 00	19 51 00	09 43 00	01 28 00	01 18 00
14.80	8.33	7.15	1.93	7.50	6.17	15.73	8.65	19.85	9.72	1.47	1.30
0.83	0.84	0.86	0.86	0.86	0.80	0.80	0.80	0.79	0.81	0.79	0.79
62 41 00	59 36 00	38 18 00	35 14 00	25 31 00	55 29 00	47 34 00	53 49 00	61 16 00	61 18 00	73 53 00	73 59 00
62.68	59.60	38.30	35.23	25.52	55.48	47.57	53.82	61.27	61.30	73.88	73.98
0.78	0.77	0.81	0.82	0.83	0.77	0.77	0.77	0.76	0.76	0.71	0.72
65	66	65	66	67	66	66	68	68	67	67	67
62 53 00	59 36 00	38 18 00	58 06 00	35 18 00	02 28 00	04 33 00	53 49 00	02 14 00	03 56 00	60 49 00	73 55 00
62.88	59.60	38.30	58.10	35.30	2.47	4.55	53.82	2.23	3.93	60.82	73.92
71	72	71	70	71	71	71	73	73	72	73	73
14 48 00	44 10 00	29 44 00	28 57 00	32 02 00	18 03 00	32 01 00	29 43 00	29 38 00	35 32 00	08 32 00	05 44 00
14.80	44.17	29.73	28.95	32.03	18.05	32.02	29.72	29.63	35.53	8.53	5.73
68	69	68	68	68	68	69	70	70	69	70	70
-3	-3	-4	-4	-4	-2	-2	-2	-3	-2	-5	-4
00 15 00	02 29 00	00 52 00	00 19 00	02 21 00	30 17 00	10 28 00	21 36 00	00 03 00	62 11 00	00 32 00	00 10 00
0.25	2.48	0.87	0.32	2.35	30.28	10.47	21.60	0.05	62.18	0.53	0.17
-18	-13	-10	-11	-10	-4	-3	-4	-6	-6	-22	-21
62 45 00	60 45 00	22 25 00	22 35 00	22 33 00	61 00 00	61 45 00	62 05 00	43 16 00	54 54 00	73 36 00	73 22 00
62.75	60.75	22.42	22.58	22.55	61.00	61.75	62.08	43.27	54.90	73.60	73.37
-11	-8	-8	-8	-8	-3	-2	-3	-4	-4	-13	-14
0	0	0	0	0	0	0	0	0	0	0	0
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 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.07	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05
4	5	3	5	3	4	3	3	3	7	106	10
38 14 00	00 15 00	35 03 00	00 03 00	11 58 00	00 19 00	40 46 00	48 30 00	41 36 00	36 07 00	68 51 00	63 59 00
38.23	0.25	35.05	0.05	11.97	0.32	40.77	48.50	41.60	36.12	68.85	63.98
1	0	0	0	0	0	0	0	0	0	2	2
4	6	4	4	4	4	5	0	0	0	0	0
30 29 03	14 17 00	58 52 00	55 23 00	61 14 00	48 42 00	41 53 00	24 13 00	61 04 00	41 26 00	16 48 00	71 42 00
30.48	14.28	58.87	55.38	61.23	48.70	41.88	24.22	61.07	41.43	16.80	71.70
27	25	22	22	21	23	23	10	12	26	17	26
10 07 00	41 37 00	41 32 00	41 32 00	41 31 00	41 35 00	41 36 00	06 59 00	41 35 00	22 13 00	02 42 00	05 49 00
10.12	41.62	41.53	41.53	41.52	41.58	41.60	6.98	41.58	22.22	2.70	5.82
11	12	7	6	6	6	7	3	3	3	3	6
0	0	0	0	0	0	0	0	0	4	27	8
4	0	0	0	0	104	104	104	0	0	5144	1788

2219	2218	2263	2125	2129	2130	2132	2133	2134	3110	2127	3126
74:00	74:00	74:00	63:06	63:06	63:06	63:06	63:06	63:06	63:05	63:05	63:04
74	74	74	63	63	63	63	63	63	63	63	63
NADC	NADC	NADC	NADC	NADC	NIST	NIST	MIST	NADC	NADC	NADC	NIST
2	2	2	2	2	1	1	1	2	2	2	1
S1X	S2X	S2X	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	JVC
1	2	2	1	1	1	2	2	2	3	3	4
					Al. Cal.	Al. Cal.	Al. Cal.				
5	5	5	6	6	6	6	6	6	6	6	6
84	85	86	87	88	89	90	91	92	93	94	95
44.7	44.6	44.7	44.6	44.6	45.1	44.9	45.1	44.6	44.6	44.6	45
49.6	49.6	49.6	49.5	49.5	49.5	49.6	49.7	49.7	49.6	49.6	49.7
114.9	114.9	114.9	113.9	113.9	113.9	114	114.0	114	114.2	113.9	114.2
1.19	1.19	1.19	1.37	1.37	1.38	1.36	1.37	1.37	1.42	1.38	1.37
1.6	1.6	1.6	1.59	1.59	1.59	1.6	1.59	1.59	1.55	1.59	1.6
16	15	19	20	20	13	14	20	22	30	25	18
0.053	0.056	0.056	0.072	0.074	0.075	0.071	0.070	0.068	0.069	0.068	0.073
0.059	0.063	0.062	0.081	0.081	0.079	0.093	0.077	0.078	0.078	0.079	0.080
0.056	0.059	0.059	0.078	0.078	0.078	0.076	0.075	0.075	0.076	0.075	0.077
20	21	21	19	20	21	19	20	21	18	20	19
22	23	24	21	24	23	22	23	22	21	21	22
20	22	22	20	22	22	21	21	21	19	21	21
-0.12	-0.10	-0.08	-0.11	-0.10	0.11	0.11	0.11	-0.13	-0.13	-0.16	0.12
-0.01	0.00	0.04	0.04	0.03	0.29	0.27	0.31	0.06	0.03	0.04	0.28
-0.05	-0.04	-0.02	-0.03	-0.03	0.17	0.16	0.17	-0.03	-0.04	-0.04	0.17
-0.2	-0.1	-0.1	-0.3	-0.3	-0.2	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3
0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0
-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1
11	0	0	17	0	1	0	0	0	0	0	0
26 15 00	00 13 00	00 12 00	00 53 00	40 21 00	02 56 00	00 06 00	00 03 00	00 45 00	00 03 00	00 05 00	00 07 00
26.25	0.22	0.20	0.88	40.35	2.93	0.10	0.05	0.75	0.05	0.08	0.12
353	29	116	302	1240	3899	67	39	41	31	37	40
70 09 00	28 44 00	64 49 00	62 09 00	44 40 00	62 07 00	13 51 00	26 42 00	07 06 00	56 41 00	00 03 00	56 42 00
70.15	28.73	64.82	62.15	44.67	62.12	13.85	26.70	7.10	56.68	0.05	56.70
74	3	12	77	371	723	5	7	4	3	2	6
9	0	0	15	0	1	0	0	0	0	0	0
26 15 00	00 13 00	00 12 00	00 27 00	40 21 00	00 07 00	00 06 00	00 03 00	00 45 00	00 03 00	00 05 00	00 07 00
26.25	0.22	0.20	0.45	40.35	0.12	0.10	0.05	0.75	0.05	0.08	0.12
198	26	84	217	815	1626	24	27	27	17	16	32
64 31 00	28 44 00	61 24 00	62 09 00	46 21 00	60 41 00	50 53 00	48 12 00	05 00 00	60 30 00	31 08 00	62 50 00
64.52	28.73	61.40	62.15	46.35	60.68	50.88	48.20	5.00	60.50	31.13	62.83
58	3	10	58	258	435	4	6	4	2	1	5
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 04 00	00 04 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.07	0.07	0.05	0.08	0.05	0.05	0.05	0.05	0.05
45	5	19	28	182	864	9	9	8	9	9	11
61 43 00	10 43 00	58 57 00	62 34 00	46 14 00	62 03 00	13 50 01	26 42 00	24 34 00	08 35 00	19 24 00	53 30 00
61.72	10.72	58.95	62.57	46.23	62.05	13.83	26.70	24.57	8.58	19.40	53.50
4	0	0	5	40	117	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 10 00	00 03 00	00 03 00	00 07 00	00 05 00	00 03 00	00 05 00	00 03 00	00 04 00	00 03 00	00 05 00	00 03 00
0.17	0.05	0.05	0.12	0.08	0.05	0.08	0.05	0.07	0.05	0.08	0.05
138	17	31	62	299	1477	52	24	21	19	35	20
70 09 00	00 44 00	66 05 00	62 08 37	45 27 00	62 14 00	13 51 00	26 42 00	07 06 00	08 08 00	00 03 00	56 42 00
70.15	0.73	66.08	62.13	45.45	62.23	13.85	26.70	7.10	8.13	0.05	56.70
10	0	1	13	72	170	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0
00 10 00	00 03 00	00 03 00	00 07 00	00 05 00	00 03 00	00 05 00	00 03 00	00 04 00	00 03 00	00 05 00	00 03 00
0.17	0.05	0.05	0.12	0.08	0.05	0.08	0.05	0.07	0.05	0.08	0.05
635	151	444	473	1675	2207	612	258	262	209	156	232
02 26 00	00 44 00	68 48 00	62 09 00	44 34 00	60 17 00	13 20 00	26 39 00	07 06 00	05 30 00	02 28 00	56 42 00
2.43	0.73	68.80	62.15	44.57	60.28	13.33	26.65	7.10	5.50	2.47	56.70
83	3	16	111	473	643	14	6	5	6	3	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
73	13	36	48	292	1128	216	10	6	14	159	11
72 20 00	68 14 00	66 05 00	62 17 00	44 34 00	62 10 72	13 47 00	19 21 00	19 20 00	02 58 00	00 03 00	56 41 00
72.33	68.23	66.08	62.28	44.57	62.17	13.78	19.35	19.33	2.97	0.05	56.68
1	0	0	1	37	128	1	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
173	0	33	19	117	2285	0	0	0	103	1593	104
67 55 00	00 00 00	66 05 00	62 45 00	44 03 74	62 05 00	00 00 00	00 00 00	00 00 00	63 05 00	00 03 00	63 04 00
67.92	0.00	66.08	62.75	44.05	62.08	0.00	0.00	0.00	63.08	0.05	63.07
0	0	0	0	7	158	0	0	0	0	0	0
0.33	0.34	0.33	0.43	0.43	0.44	0.44	0.43	0.46	0.43	0.45	0.40
71 03 00	18 03 00	59 05 00	23 25 00	62 48 00	63 03 00	61 41 00	62 13 00	61 19 00	15 55 00	28 15 00	63 03 00
71.05	18.05	59.08	23.42	62.80	63.05	61.68	62.22	61.32	15.92	28.25	63.05
0.41	0.39	0.38	0.53	0.49	0.50	0.51	0.51	0.52	0.47	0.50	0.46
73 59 00	73 59 00	00 54 00	63 06 00	63 05 00	26 24 00	03 57 00	06 01 00	05 34 00	06 57 00	61 42 00	46 58 00
73.98	73.98	0.90	63.10	63.08	26.40	3.95	6.02	5.57	6.95	61.70	46.97
0.36	0.36	0.35	0.47	0.46	0.47	0.48	0.48	0.50	0.45	0.49	0.43
0.64	0.68	0.69	0.61	0.60	0.60	0.66	0.65	0.68	0.61	0.67	0.56
00 08 00	02 07 00	01 32 00	00 12 00	00 49 00	00 19 00	62 57 00	62 26 00	62 41 00	15 50 00	00 15 00	00 04 00
0.13	2.12	1.53	0.20	0.82	0.32	62.95	62.43	62.68	15.83	0.25	0.07
0.74	0.75	0.76	0.69	0.70	0.69	0.72	0.71	0.73	0.67	0.72	0.63
73 59 00	74 00 00	66 20 00	62 17 00	44 22 00	60 06 05	04 55 00	05 47 00	54 35 00	56 53 00	57 51 00	55 27 00
73.98	74.00	66.33	62.28	44.37	60.10	4.92	5.78	54.58	56.88	57.85	55.45
0.68	0.71	0.72	0.65	0.67	0.66	0.70	0.68	0.71	0.64	0.70	0.59
0.35	0.36	0.35	0.44	0.43	0.44	0.44	0.44	0.46	0.44	0.45	0.41
67 37 00	18 03 00	37 06 00	23 25 00	47 56 37	62 52 03	59 34 00	62 13 00	47 44 00	32 28 00	28 15 00	50 13 00
67.62	18.05	37.10	23.42	47.93	62.87	59.57	62.22	47.73	32.47	28.25	50.22
0.42	0.40	0.40	0.53	0.50	0.50	0.51	0.52	0.53	0.49	0.51	0.47
73 59 00	73 59 00	74 00 00	63 06 00	63 05 00	23 33 00	00 16 00	06 01 00	05 34 00	00 08 00	04 01 00	01 31 00
73.98	73.98	74.00	63.10	63.08	23.55	0.27	6.02	5.57	0.13	4.02	1.52
0.37	0.37	0.37	0.47	0.46	0.47	0.48	0.48	0.49	0.46	0.48	0.44
0.66	0.70	0.70	0.61	0.60	0.61	0.66	0.66	0.68	0.62	0.67	0.57

02 57 00	02 28 00	02 16 00	01 24 00	01 18 00	00 55 00	62 57 00	57 15 00	62 53 00	25 25 00	12 01 00	15 55 00
2.95	2.47	2.27	1.40	1.30	0.92	62.95	57.25	62.88	25.42	12.02	15.92
0.78	0.78	0.82	0.69	0.72	0.70	0.72	0.73	0.73	0.69	0.73	0.65
73 52 00	73 48 00	62 20 00	59 33 00	46 40 00	58 15 00	00 33 00	01 58 00	04 12 00	62 32 00	61 19 00	58 38 00
73.87	73.80	62.33	59.55	46.67	58.25	0.55	1.97	4.20	62.53	61.32	58.63
0.71	0.74	0.75	0.65	0.67	0.66	0.69	0.68	0.70	0.65	0.70	0.60
68	68	66	69	70	70	71	70	71	69	70	69
68 34 00	54 44 00	62 20 00	63 04 00	60 07 00	58 15 00	00 39 00	01 58 00	00 33 00	15 20 00	00 27 00	00 07 00
68.57	54.73	62.33	63.07	60.12	58.25	0.65	1.97	0.55	15.33	0.45	0.12
73	72	73	76	77	75	76	75	77	75	76	74
43 38 00	04 51 00	35 59 00	38 33 00	21 45 00	55 50 00	19 14 00	17 56 00	50 52 00	40 05 00	12 01 00	18 04 00
43.63	4.85	35.98	38.55	21.75	55.83	19.23	17.93	50.87	40.08	12.02	18.07
71	70	70	73	73	72	73	73	74	72	74	72
-5	-3	-5	-5	-6	-6	-1	-1	-1	-2	-5	-4
00 09 00	01 29 00	00 06 00	01 24 00	01 27 00	00 19 00	62 09 00	62 26 00	62 14 00	00 33 00	00 10 00	00 03 00
0.15	1.48	0.10	1.40	1.45	0.32	62.15	62.43	62.23	0.55	0.17	0.05
-22	-13	-19	-15	-20	-20	-5	-6	-7	-7	-8	-10
72 38 00	73 43 00	73 43 00	62 26 00	62 29 00	62 43 00	02 39 00	05 41 00	03 22 00	63 05 00	57 25 00	62 39 00
72.63	73.72	73.72	62.43	62.48	62.72	2.65	5.68	3.37	63.08	57.42	62.65
-13	-9	-12	-10	-15	-13	-3	-3	-4	-4	-7	-7
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 04 00	00 06 00	00 03 00	00 05 00	00 03 00	00 04 00	00 03 00	00 05 00	00 03 00
0.05	0.05	0.05	0.07	0.10	0.05	0.08	0.05	0.07	0.05	0.08	0.05
28	3	8	6	8	32	9	5	4	8	5	4
65 45 00	00 04 00	00 04 00	56 45 00	43 34 00	62 13 00	13 51 00	19 22 00	19 21 00	00 07 00	00 03 00	56 42 00
65.75	0.07	0.07	56.75	43.57	62.22	13.85	19.37	19.35	0.12	0.05	56.70
1	0	0	2	2	4	0	0	0	0	0	0
1	0	0	2	2	5	5	5	2	1	2	6
05 03 00	59 00 00	11 56 00	55 23 00	38 55 00	50 27 02	33 12 00	25 47 00	60 43 00	29 32 00	17 04 00	17 00 00
5.05	59.00	11.93	55.38	38.92	50.45	33.20	25.78	60.72	29.53	17.07	17.00
16	8	7	16	26	25	24	24	8	17	11	23
04 27 00	01 27 00	01 27 00	42 54 00	40 05 00	60 52 08	56 38 00	56 38 00	01 43 00	00 52 00	01 11 00	01 03 00
4.45	1.45	1.45	42.90	40.08	60.87	56.63	56.63	1.72	0.87	1.18	1.05
3	3	2	4	6	15	8	8	4	5	4	10
18	0	1	0	10	5381	58	0	0	1	0	0
2677	0	49	148	30095	589899	0	0	0	103	1903	104

3125	3127	1051	1089	1065	2033	2045	2051	2042	2040	2043	2032
63:04	63:04	63:01	63:01	63:01	63:01	63:01	63:01	62:58	62:58	63:00	62:58
63	63	63	63	63	63	63	63	63	63	63	63
NIST	NIST	NIST	NIST	NADC	NIST	NIST	NADC	NIST	NIST	NADC	NADC
1	1	1	1	2	1	1	2	1	1	2	2
JVC	JVC	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	KODAK	JVC
4	4	1	1	1	2	2	2	3	3	3	4
6	6	7	7	7	7	7	7	7	7	7	7
96	97	98	99	100	101	102	103	104	105	106	107
45	45	45.0	45.3	44.5	44.9	44.9	44.7	44.9	45.0	44.7	44.8
49.7	49.7	49.8	49.8	49.8	49.9	49.8	49.9	49.8	49.7	49.8	49.8
114.2	114.2	115.0	115.0	115.0	115.1	115.1	115.1	115.1	115.0	115.1	115.1
1.42	1.42	1.38	1.38	1.39	1.40	1.38	1.40	1.39	1.40	1.40	1.39
1.54	1.55	1.62	1.62	1.60	1.60	1.62	1.60	1.61	1.60	1.60	1.61
24	10	12	16	19	35	19	23	21	19	16	19
0.073	0.074	0.065	0.066	0.069	0.068	0.075	0.074	0.074	0.076	0.075	0.079
0.080	0.079	0.076	0.080	0.079	0.080	0.085	0.083	0.082	0.083	0.083	0.087
0.077	0.078	0.071	0.074	0.074	0.076	0.081	0.079	0.079	0.080	0.080	0.082
19	19	24	23	23	22	21	23	20	21	21	24
22	26	28	27	25	26	25	24	23	24	22	25
21	22	25	25	24	23	22	23	22	22	21	24
0.12	0.13	0.13	0.13	-0.20	0.10	0.10	-0.12	0.10	0.09	-0.12	-0.09
0.28	0.29	0.35	0.34	0.01	0.28	0.24	0.06	0.28	0.27	0.05	0.07
0.18	0.18	0.20	0.20	-0.07	0.16	0.14	-0.02	0.16	0.15	-0.03	-0.01
-0.3	-0.2	-0.3	-0.3	-0.3	-0.2	-0.1	-0.3	-0.2	-0.2	-0.2	-0.2
0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.2
-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
0	0	0	0	0	0	0	0	0	0	0	0
00 06 00	03 21 00	00 56 00	01 12 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
0.10	3.35	0.93	1.20	0.05	0.05	0.07	0.05	0.05	0.07	0.05	0.07
40	110	190	143	22	23	21	29	24	27	33	71
60 26 00	62 58 00	08 22 00	08 13 00	03 57 00	04 49 00	04 49 00	16 19 00	04 53 00	04 53 00	16 54 00	03 19 00
60.43	62.97	8.37	8.22	3.95	4.82	4.82	16.32	4.88	4.88	16.90	3.32
6	16	1	1	1	0	0	1	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	03 21 00	00 56 00	00 53 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00
0.07	3.35	0.93	0.88	0.05	0.05	0.07	0.05	0.05	0.07	0.05	0.05
28	78	151	123	16	12	11	15	12	16	15	14
62 12 00	62 58 00	08 22 00	08 13 00	03 56 00	04 49 00	40 52 00	03 58 00	36 29 00	27 42 00	05 58 00	04 52 00
62.20	62.97	8.37	8.22	3.93	4.82	40.87	3.97	36.48	27.70	5.97	4.87
5	13	1	1	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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	00 03 00	00 03 00
0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
9	15	32	17	6	10	9	9	10	8	8	9
07 24 00	62 58 00	08 22 00	08 13 00	03 57 00	02 07 00	05 55 00	03 25 00	05 59 00	03 29 00	03 31 00	03 29 00
7.40	62.97	8.37	8.22	3.95	2.12	5.92	3.42	5.98	3.48	3.52	3.48
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 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	00 04 00
0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
21	40	23	18	17	14	15	24	17	16	26	65
04 53 00	60 39 00	06 08 00	00 42 00	00 41 00	03 27 00	09 07 00	16 19 00	37 06 00	11 41 00	16 54 00	03 19 00
4.88	60.65	6.13	0.70	0.68	3.45	9.12	16.32	37.10	11.68	16.90	3.32
0	2	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0
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	00 04 00
0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
209	349	210	202	178	136	195	270	221	170	352	1038
08 06 00	60 39 00	06 22 00	09 05 00	24 26 00	19 08 00	09 07 00	16 19 00	37 07 00	11 41 00	17 02 00	03 08 00
8.10	60.65	6.37	9.08	24.43	19.13	9.12	16.32	37.12	11.68	17.03	3.13
7	18	1	2	4	0	1	2	1	1	2	19
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
13	18	13	1	3	0	0	9	10	10	10	205
63 04 00	61 37 00	06 22 00	23 13 00	61 36 00	00 00 00	00 00 00	10 18 00	62 58 00	62 58 00	63 00 00	03 19 00
63.07	61.62	6.37	23.22	61.60	0.00	0.00	10.30	62.97	62.97	63.00	3.32
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
104	104	0	0	0	0	0	0	104	104	103	101
63 04 00	63 04 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	62 58 00	62 58 00	63 00 00	03 04 00
63.07	63.07	0.00	0.00	0.00	0.00	0.00	0.00	62.97	62.97	63.00	3.07
0	0	0	0	0	0	0	0	0	0	0	0
0.41	0.41	0.51	0.50	0.47	0.54	0.54	0.51	0.51	0.53	0.50	0.51
61 50 00	63 03 00	58 57 00	32 51 00	30 58 00	41 17 00	34 09 00	53 22 00	16 55 00	21 19 00	41 10 00	03 23 00
61.83	63.05	58.95	32.85	30.97	41.28	34.15	53.37	16.92	21.32	41.17	3.38
0.46	0.47	0.56	0.56	0.53	0.59	0.59	0.56	0.57	0.57	0.55	0.57
45 09 00	06 29 00	63 00 00	60 26 00	59 37 00	62 29 00	61 56 00	62 48 00	61 53 00	61 12 00	07 10 00	02 04 00
45.15	6.48	63.00	60.43	59.62	62.48	61.93	62.80	61.88	61.20	7.17	2.07
0.44	0.44	0.53	0.53	0.50	0.56	0.56	0.54	0.54	0.55	0.53	0.54
0.55	0.56	0.76	0.74	0.76	0.79	0.79	0.80	0.79	0.78	0.78	0.78
00 05 00	00 03 00	32 37 00	30 07 00	30 58 00	43 59 00	43 15 00	11 12 00	28 12 00	43 19 00	39 13 00	43 22 00
0.08	0.05	32.62	30.12	30.97	43.98	43.25	11.20	28.20	43.32	39.22	43.37
0.63	0.64	0.82	0.83	0.83	0.87	0.89	0.86	0.85	0.87	0.85	0.83
53 09 00	51 10 00	58 41 00	07 24 00	59 37 00	63 00 00	63 00 00	63 01 00	60 52 00	62 27 00	55 29 00	02 26 00
53.15	51.17	58.68	7.40	59.62	63.00	63.00	63.02	60.87	62.45	55.48	2.43
0.59	0.61	0.79	0.79	0.79	0.83	0.83	0.81	0.81	0.82	0.81	0.81
0.41	0.42	0.53	0.52	0.49	0.55	0.55	0.53	0.52	0.54	0.53	0.53
23 36 00	60 04 00	24 21 00	57 34 00	30 58 00	03 04 00	12 55 00	60 11 00	16 55 00	07 06 00	26 00 00	03 23 00
23.60	60.07	24.35	57.57	30.97	3.07	12.92	60.18	16.92	7.10	26.00	3.38
0.47	0.48	0.57	0.58	0.54	0.61	0.60	0.57	0.59	0.60	0.57	0.58
49 24 00	01 03 00	23 28 00	63 00 00	57 47 00	60 21 00	56 41 00	04 11 00	52 06 00	41 49 00	51 33 00	57 49 00
49.40	1.05	23.47	63.00	57.78	60.35	56.68	4.18	52.10	41.82	51.55	57.82
0.44	0.45	0.55	0.55	0.51	0.58	0.58	0.55	0.56	0.57	0.55	0.56
0.56	0.59	0.77	0.78	0.77	0.82	0.82	0.81	0.80	0.81	0.81	0.81

23 36 00	10 58 00	24 21 00	11 45 00	02 16 00	33 46 00	12 55 00	08 05 00	16 55 00	13 23 00	20 54 00	05 35 00
23.60	10.97	24.35	11.75	2.27	33.77	12.92	8.08	16.92	13.38	20.90	5.58
0.64	0.65	0.84	0.84	0.84	0.89	0.88	0.86	0.87	0.88	0.87	0.87
56 28 00	62 06 00	57 12 00	60 01 00	57 47 00	10 14 00	44 49 00	16 02 00	18 31 00	45 47 00	48 44 00	54 29 00
56.47	62.10	57.20	60.02	57.78	10.23	44.82	16.03	18.52	45.78	48.73	54.48
0.60	0.62	0.81	0.81	0.81	0.86	0.85	0.83	0.85	0.85	0.84	0.84
69	68	67	67	70	67	66	69	67	66	67	68
00 11 00	00 44 00	30 21 00	47 42 00	32 55 00	51 11 00	42 46 00	41 42 00	18 31 00	41 49 00	48 44 00	50 33 00
0.18	0.73	30.35	47.70	32.92	51.18	42.77	41.70	18.52	41.82	48.73	50.55
75	74	75	74	75	74	74	75	75	73	74	74
23 36 00	55 27 00	05 35 00	00 40 00	00 54 00	03 04 00	61 49 00	62 00 00	62 13 00	10 34 00	06 29 00	01 26 00
23.60	55.45	5.58	0.67	0.90	3.07	61.82	62.00	62.22	10.57	6.48	1.43
72	71	70	70	72	70	71	72	70	70	71	70
-3	-6	-1	0	-1	0	0	0	0	0	0	0
00 06 00	00 05 00	00 42 00	01 25 00	01 26 00	00 04 00	12 45 00	01 50 00	08 15 00	04 04 00	00 47 00	03 01 00
0.10	0.08	0.70	1.42	1.43	0.07	12.75	1.83	8.25	4.07	0.78	3.02
-11	-14	-9	-9	-9	4	3	-3	-2	-3	-2	-6
62 07 00	62 45 00	59 14 00	56 45 00	43 54 00	53 05 00	58 55 00	03 49 00	55 01 00	45 40 00	39 45 00	52 08 00
62.12	62.75	59.23	56.75	43.90	53.08	58.92	3.82	55.02	45.67	39.75	52.13
-7	-10	-6	-6	-6	0	1	-1	0	-1	-1	-4
0	0	0	0	0	0	0	0	0	0	0	0
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	00 03 00
0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	4	3	5	4	5	5	3	3	3	8	6
56 42 00	53 58 00	00 42 00	00 16 00	37 23 00	00 41 00	00 22 00	10 19 00	05 14 00	11 41 00	00 52 00	03 04 00
56.70	53.97	0.70	0.27	37.38	0.68	0.37	10.32	5.23	11.68	0.87	3.07
0	1	0	0	0	0	0	0	0	0	0	0
5	5	10	7	3	5	5	2	5	5	1	2
62 06 03	16 14 03	24 58 00	15 47 00	50 26 00	58 42 00	40 15 00	56 53 00	34 22 00	56 24 00	48 23 00	54 18 00
62.10	16.23	24.97	15.78	50.43	58.70	40.25	56.88	34.37	56.40	48.38	54.30
20	22	30	29	31	15	14	12	28	17	13	13
00 49 00	00 53 00	59 16 00	62 35 00	59 19 00	00 03 00	00 22 00	00 20 00	16 55 00	00 29 00	00 05 00	00 05 00
0.82	0.88	59.27	62.58	59.32	0.05	0.37	0.33	16.92	0.48	0.08	0.08
10	10	17	13	10	8	8	4	8	8	4	4
0	0	0	0	0	0	0	0	0	0	1	0
104	121	0	0	0	0	0	0	104	104	103	101

3005	4060	3054	5092	5094	4064	1821	1819	1817	1804	1820	1826
74:06	74:06	74:06	74:06	74:05	74:05	63:01	63:01	63:01	63:01	63:01	63:01
74	74	74	74	74	74	63	63	63	63	63	63
NADC	NADC	NIST	NIST	NIST	NADC	NIST	NIST	NADC	NIST	NADC	NIST
2	2	1	1	1	2	1	1	2	1	2	1
S1X	S2X	S2X	S2X	KODAK	KODAK	S1X	S1X	S1X	S2X	S2X	S2X
1	2	2	2	3	3	1	1	1	2	2	2
7	7	7	7	7	7	8	8	8	8	8	8
108	109	110	111	112	113	114	115	116	117	118	119
44.6	44.6	45.0	45.0	45	44.6	44.9	45.2	44.5	44.9	44.6	45.2
49.7	49.8	49.9	49.9	49.8	49.7	49.7	49.7	49.7	49.9	49.9	49.9
115.2	115.3	115.3	115.3	115.3	115.2	115.1	115.1	115.1	115.2	115.2	115.2
1.19	1.19	1.17	1.19	1.19	1.19	1.38	1.38	1.39	1.38	1.38	1.38
1.6	1.61	1.63	1.61	1.61	1.61	1.62	1.62	1.61	1.62	1.62	1.62
53	25	19	16	14	21	9	21	0	17	12	16
0.076	0.062	0.065	0.070	0.066	0.065	0.079	0.078	0.080	0.063	0.067	0.065
0.087	0.072	0.073	0.084	0.081	0.081	0.095	0.096	0.096	0.083	0.089	0.083
0.082	0.067	0.070	0.078	0.075	0.075	0.089	0.088	0.089	0.074	0.080	0.077
21	22	21	21	19	19	25	25	24	21	21	21
23	25	25	25	24	21	29	31	28	29	25	27
22	23	22	22	20	19	27	26	26	23	23	23
-0.14	-0.12	0.10	0.12	0.12	-0.14	0.14	0.12	-0.20	0.15	-0.21	0.15
0.03	0.03	0.31	0.27	0.32	0.01	0.34	0.31	0.02	0.35	-0.01	0.35
-0.04	-0.03	0.17	0.18	0.18	-0.05	0.21	0.19	-0.07	0.22	-0.09	0.22
-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
0.1	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.0
-0.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00	00 04 00	00 03 00	00 07 00	00 04 00	00 03 00	00 05 00
0.15	0.05	0.05	0.15	0.05	0.05	0.07	0.05	0.12	0.07	0.05	0.08
29	22	22	60	36	41	19	21	28	19	21	26
35 10 00	01 50 00	01 22 00	10 11 00	10 17 00	18 22 00	21 20 00	03 49 00	03 50 00	49 48 00	33 25 00	06 22 00
35.17	1.83	1.37	10.18	10.28	18.37	21.33	3.82	3.83	49.80	33.42	6.37
4	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 09 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00	00 04 00	00 03 00	00 05 00	00 04 00	00 03 00	00 05 00
0.15	0.05	0.05	0.15	0.05	0.05	0.07	0.05	0.08	0.07	0.05	0.08
16	13	14	48	24	17	17	17	14	15	20	16
63 23 00	01 50 00	11 38 00	10 11 00	10 17 00	18 51 00	33 35 00	33 33 00	12 04 00	33 26 00	33 25 00	06 22 00
63.38	1.83	11.63	10.18	10.28	18.85	33.58	33.55	12.07	33.43	33.42	6.37
3	0	1	1	0	0	1	1	1	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
5	6	7	10	8	7	9	8	9	5	7	8
63 23 00	51 15 00	21 44 00	73 24 00	01 41 00	18 22 00	10 42 00	36 51 00	17 32 00	21 05 00	03 43 00	03 09 00
63.38	51.25	21.73	73.40	1.68	18.37	10.70	36.85	17.53	21.08	3.72	3.15
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
16	16	14	24	26	28	14	14	20	14	13	10
63 22 00	06 44 00	01 22 00	73 17 00	01 40 00	20 12 00	03 50 00	03 49 00	01 18 00	03 44 00	13 16 00	03 45 00
63.37	6.73	1.37	73.28	1.67	20.20	3.83	3.82	1.30	3.73	13.27	3.75
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
166	172	125	217	196	273	92	97	225	119	119	100
72 41 00	14 15 00	01 22 00	72 42 00	01 40 00	20 12 00	61 31 00	03 49 00	01 18 00	13 21 00	13 16 00	51 51 00
72.68	14.25	1.37	72.70	1.67	20.20	61.52	3.82	1.30	13.35	13.27	51.85
9	4	1	4	4	5	0	0	2	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 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	9	0	43	44	24	0	0	0	0	0	0
31 44 00	36 46 00	00 00 00	72 48 00	01 33 00	20 13 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
31.73	36.77	0.00	72.80	1.55	20.22	0.00	0.00	0.00	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	0	104	102	0	0	0	0	0	0
00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
0.00	0.00	0.00	0.00	74.08	74.08	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.33	0.34	0.36	0.36	0.34	0.31	0.39	0.39	0.38	0.38	0.38	0.37
08 50 00	19 23 00	01 15 00	04 20 00	02 16 00	73 38 00	01 21 00	00 58 00	33 28 00	41 20 00	28 08 00	17 33 00
8.83	19.38	1.25	4.33	2.27	73.63	1.35	0.97	33.47	41.33	28.13	17.55
0.39	0.39	0.40	0.39	0.37	0.35	0.43	0.43	0.44	0.48	0.46	0.47
01 03 00	71 43 00	74 05 00	74 05 00	34 24 00	03 31 00	47 09 00	63 00 00	63 00 00	63 01 00	01 24 00	62 38 00
1.05	71.72	74.08	74.08	34.40	3.52	47.15	63.00	63.00	63.02	1.40	62.63
0.35	0.37	0.37	0.38	0.35	0.34	0.41	0.41	0.40	0.42	0.42	0.41
0.72	0.78	0.76	0.75	0.72	0.73	0.62	0.62	0.64	0.70	0.73	0.68
74 02 00	74 01 00	27 20 00	39 43 00	41 26 00	73 38 00	00 33 00	31 03 00	00 17 00	17 47 00	16 30 00	19 25 00
74.03	74.02	27.33	39.72	41.43	73.63	0.55	31.05	0.28	17.78	16.50	19.42
0.78	0.84	0.83	0.83	0.81	0.82	0.66	0.67	0.69	0.79	0.80	0.78
67 04 00	69 12 00	00 33 00	69 05 00	03 02 00	61 23 00	54 10 00	06 18 00	51 16 00	63 01 00	63 01 00	63 00 00
67.07	69.20	0.55	69.08	3.03	61.38	54.17	6.30	51.27	63.02	63.02	63.00
0.75	0.82	0.80	0.80	0.78	0.79	0.65	0.65	0.67	0.74	0.76	0.73
0.34	0.34	0.36	0.37	0.34	0.33	0.41	0.42	0.40	0.40	0.41	0.40
08 50 00	19 23 00	09 23 00	04 20 00	00 28 00	08 42 00	01 31 00	00 58 00	01 15 00	61 54 00	28 08 00	62 56 00
8.83	19.38	9.38	4.33	0.47	8.70	1.52	0.97	1.25	61.90	28.13	62.93
0.40	0.41	0.43	0.43	0.39	0.37	0.47	0.47	0.46	0.50	0.48	0.50
71 43 00	69 06 00	74 05 00	70 41 00	21 36 00	35 30 00	43 11 00	21 23 00	63 00 00	63 01 00	03 12 00	29 17 00
71.72	69.10	74.08	70.68	21.60	35.50	43.18	21.38	63.00	63.02	3.20	29.28
0.37	0.37	0.39	0.40	0.37	0.35	0.44	0.45	0.43	0.45	0.45	0.44
0.74	0.80	0.80	0.79	0.78	0.79	0.66	0.66	0.67	0.73	0.76	0.73

10 53 00	19 05 00	01 07 00	43 43 00	31 33 00	73 38 00	02 32 00	61 02 00	01 21 00	61 54 00	06 13 00	62 50 00
10.88	19.08	1.12	43.72	31.55	73.63	2.53	61.03	1.35	61.90	6.22	62.83
0.82	0.86	0.88	0.87	0.84	0.86	0.73	0.73	0.74	0.83	0.84	0.84
71 43 00	55 55 00	42 29 00	44 14 00	44 03 00	37 38 00	62 45 00	05 57 00	32 48 00	63 01 00	38 31 00	29 17 00
71.72	55.92	42.48	44.23	44.05	37.63	62.75	5.95	32.80	63.02	38.52	29.28
0.78	0.83	0.84	0.83	0.81	0.82	0.70	0.70	0.71	0.79	0.81	0.79
66	68	65	65	66	67	64	64	66	65	66	64
71 43 00	73 34 00	37 04 00	54 30 00	37 51 00	42 38 00	17 42 00	28 18 00	44 09 00	24 01 00	12 56 00	29 17 00
71.72	73.57	37.07	54.50	37.85	42.63	17.70	28.30	44.15	24.02	12.93	29.28
73	75	74	73	73	74	70	71	72	70	71	70
10 53 00	19 05 00	20 02 00	61 16 00	05 32 00	66 06 00	62 08 00	04 12 00	01 51 00	44 00 00	59 25 00	60 16 00
10.88	19.08	20.03	61.27	5.53	66.10	62.13	4.20	1.85	44.00	59.42	60.27
70	72	69	70	69	70	67	67	69	68	69	67
-3	0	0	0	0	0	-2	-1	-1	2	0	1
00 18 00	02 04 00	02 42 00	06 41 00	04 58 00	35 07 00	63 00 00	63 01 00	35 22 00	00 20 00	00 15 00	01 49 00
0.30	2.07	2.70	6.68	4.97	35.12	63.00	63.02	35.37	0.33	0.25	1.82
-11	-10	-7	-5	-4	4	-8	-8	-7	9	9	10
70 15 00	70 49 00	72 24 00	69 25 00	73 42 00	10 29 00	61 31 00	61 54 00	05 39 00	44 21 00	38 21 00	40 39 00
70.25	70.82	72.40	69.42	73.70	10.48	61.52	61.90	5.65	44.35	38.35	40.65
-7	-3	-2	-2	0	2	-5	-5	-4	6	5	7
0	0	0	0	0	0	0	0	0	0	0	0
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	00 03 00	00 03 00
0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	3	5	6	4	7	3	5	4	5	3	3
09 27 00	03 20 00	00 03 00	73 16 00	01 23 00	20 12 00	03 50 00	00 16 00	55 36 00	00 12 00	03 44 00	03 45 00
9.45	3.33	0.05	73.27	1.38	20.20	3.83	0.27	55.60	0.20	3.73	3.75
0	0	0	0	0	0	0	0	0	0	0	0
3	0	5	5	5	1	14	16	2	5	1	6
74 01 00	73 46 00	61 26 00	47 53 00	46 21 00	53 53 00	01 53 00	36 47 00	56 35 00	29 06 00	38 02 00	31 07 00
74.02	73.77	61.43	47.88	46.35	53.88	1.88	36.78	56.58	29.10	38.03	31.12
18	9	19	11	12	8	40	50	31	12	9	13
71 43 00	41 41 00	73 53 00	52 16 00	52 20 00	42 14 00	62 45 00	07 49 00	07 47 00	00 15 00	00 11 00	00 45 00
71.72	41.68	73.88	52.27	52.33	42.23	62.75	7.82	7.78	0.25	0.18	0.75
72.18	4	8	7	7	3	27	27	7	7	4	8
6	0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	104	102	0	0	0	0	0	0

1553	1824	1549	2219	2222	3225	2220	2224	2259	2267	2272	1421
63:00	63:00	63:00	74:06	74:06	74:06	74:06	74:06	74:06	74:05	74:05	63:01
63	63	63	74	74	74	74	74	74	74	74	63
NIST	NIST	NADC	NIST	NIST	NADC	NIST	NIST	NADC	NADC	NIST	NADC
1	1	2	1	1	2	1	1	2	2	1	2
KODAK	KODAK	KODAK	S1X	S1X	S1X	S2X	S2X	S2X	KODAK	KODAK	S1X
3	3	3	1	1	1	2	2	2	3	3	1
8	8	8	8	8	8	8	8	8	8	8	9
120	121	122	123	124	125	126	127	128	129	130	131
44.9	45.2	44.5	44.9	44.9	44.5	44.9	44.9	44.6	44.5	44.9	44.6
49.8	49.8	49.8	49.8	49.7	49.7	49.9	49.9	49.9	49.7	49.8	49.6
115.1	115.1	115.1	115.8	115.8	115.8	115.9	115.9	115.9	115.8	115.9	114.9
1.38	1.38	1.39	1.19	1.18	1.20	1.19	1.20	1.20	1.2	1.17	1.39
1.62	1.62	1.61	1.62	1.63	1.61	1.62	1.61	1.61	1.61	1.65	1.6
14	22	22	15	16	22	19	18	20	15	16	32
0.063	0.064	0.066	0.079	0.079	0.079	0.070	0.068	0.071	0.078	0.076	0.072
0.077	0.077	0.079	0.094	0.092	0.096	0.084	0.087	0.090	0.094	0.091	0.080
0.071	0.072	0.073	0.088	0.086	0.089	0.078	0.078	0.082	0.086	0.085	0.077
23	23	23	22	22	22	21	21	21	22	22	22
27	27	25	26	26	25	25	25	24	24	26	24
24	24	24	23	23	23	22	22	22	23	23	23
0.12	0.13	-0.18	0.12	0.12	-0.20	0.12	0.11	-0.14	-0.15	0.12	-0.07
0.28	0.29	-0.01	0.31	0.31	0.01	0.27	0.27	0.00	0.03	0.25	0.07
0.18	0.19	-0.08	0.19	0.19	-0.07	0.18	0.17	-0.07	-0.05	0.17	0.00
-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3	-0.2	-0.2
0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.2
-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
0	0	0	0	0	0	0	0	0	0	0	0
00 06 00	00 03 00	00 04 00	00 44 00	00 09 00	03 50 00	00 03 00	00 04 00	00 09 00	00 28 00	00 06 00	00 04 00
0.10	0.05	0.07	0.73	0.15	3.83	0.05	0.07	0.15	0.47	0.10	0.07
21	20	33	35	27	39	22	23	25	25	25	24
07 19 00	16 35 00	04 58 00	02 46 00	02 46 00	02 45 00	02 40 00	02 40 00	02 40 00	01 57 00	02 44 00	09 26 00
7.32	16.58	4.97	2.77	2.77	2.75	2.67	2.67	2.67	1.95	2.73	9.43
1	1	1	4	4	6	1	1	1	2	1	1
0	0	0	0	0	0	0	0	0	0	0	0
00 06 00	00 03 00	00 04 00	00 44 00	00 09 00	02 12 00	00 03 00	00 04 00	00 09 00	00 12 00	00 06 00	00 04 00
0.10	0.05	0.07	0.73	0.15	2.20	0.05	0.07	0.15	0.20	0.10	0.07
13	19	15	20	24	25	15	20	15	15	15	13
19 22 00	50 16 00	04 58 00	19 49 00	03 07 00	05 55 00	03 57 00	01 39 00	03 01 00	00 22 00	04 01 00	30 50 00
19.37	50.27	4.97	19.82	3.12	5.92	3.95	1.65	3.02	0.37	4.02	30.83
1	1	1	4	4	5	1	1	1	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
9	8	9	10	8	7	9	9	10	7	12	8
29 31 00	03 48 00	03 47 00	04 33 00	01 13 00	10 25 00	23 08 00	31 24 00	08 00 00	02 34 00	16 25 00	39 50 00
29.52	3.80	3.78	4.55	1.22	10.42	23.13	31.40	8.00	2.57	16.42	39.83
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 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
15	18	15	19	17	22	19	18	19	22	19	15
01 27 00	16 39 00	21 57 00	02 46 00	02 45 00	02 45 00	02 39 00	02 40 00	02 39 00	01 57 00	02 44 00	08 50 00
1.45	16.65	21.95	2.77	2.75	2.75	2.65	2.67	2.65	1.95	2.73	8.83
0	0	0	0	0	1	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
111	226	166	190	201	265	269	201	209	269	198	192
03 56 00	16 35 00	21 56 00	02 46 00	02 45 00	02 45 00	02 39 00	02 40 00	02 39 00	01 57 00	02 43 00	18 45 00
3.93	16.58	21.93	2.77	2.75	2.75	2.65	2.67	2.65	1.95	2.72	18.75
0	1	2	2	2	10	1	1	2	4	1	4
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
12	11	11	11	0	24	0	0	0	14	10	0
63 00 00	63 00 00	63 00 00	02 46 00	00 00 00	23 11 00	00 00 00	00 00 00	00 00 00	14 22 00	74 05 00	00 00 00
63.00	63.00	63.00	2.77	0.00	23.18	0.00	0.00	0.00	14.37	74.08	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
104	103	104	0	0	0	0	0	0	104	102	0
63 00 00	63 00 00	63 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	00 00 00
63.00	63.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	74.08	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.43	0.43	0.43	0.30	0.29	0.30	0.30	0.30	0.29	0.28	0.28	0.44
00 14 00	05 58 00	19 41 00	00 11 00	73 42 00	11 14 00	73 54 00	71 12 00	74 01 00	74 01 00	70 03 00	32 51 00
0.23	5.97	19.68	0.18	73.70	11.23	73.90	71.20	74.02	74.02	70.05	32.85
0.48	0.48	0.48	0.34	0.33	0.33	0.34	0.34	0.34	0.31	0.31	0.52
62 51 00	62 58 00	60 10 00	74 06 00	62 32 00	70 36 00	73 03 00	00 29 00	03 24 00	68 46 00	28 55 00	00 33 00
62.85	62.97	60.17	74.10	62.53	70.60	73.05	0.48	3.40	68.77	28.92	0.55
0.46	0.46	0.45	0.32	0.31	0.31	0.32	0.32	0.31	0.29	0.29	0.47
0.74	0.72	0.74	0.61	0.60	0.63	0.69	0.70	0.70	0.65	0.64	0.69
00 14 00	60 12 00	00 21 00	03 18 00	73 42 00	00 12 00	73 48 00	27 42 00	74 01 00	73 52 00	73 58 00	26 26 00
0.23	60.20	0.35	3.30	73.70	0.20	73.80	27.70	74.02	73.87	73.97	26.43
0.78	0.78	0.80	0.66	0.66	0.68	0.78	0.77	0.78	0.70	0.69	0.79
51 42 00	56 17 00	55 52 00	09 54 00	65 11 00	67 14 00	72 16 00	68 36 00	69 43 00	13 58 00	09 39 00	00 16 00
51.70	56.28	55.87	9.90	65.18	67.23	72.27	68.60	69.72	13.97	9.65	0.27
0.76	0.75	0.78	0.64	0.63	0.65	0.75	0.74	0.75	0.68	0.67	0.73
0.47	0.46	0.45	0.32	0.31	0.31	0.32	0.32	0.31	0.30	0.29	0.50
00 14 00	00 58 00	18 29 00	03 18 00	73 42 00	22 46 00	73 54 00	70 08 00	73 42 00	73 43 00	70 03 00	32 51 00
0.23	0.97	18.48	3.30	73.70	22.77	73.90	70.13	73.70	73.72	70.05	32.85
0.53	0.52	0.52	0.36	0.36	0.34	0.37	0.37	0.35	0.33	0.34	0.55
43 12 00	44 03 00	54 55 00	21 29 00	36 17 00	62 14 00	73 03 00	25 37 00	00 38 00	68 46 00	28 55 00	00 33 00
43.20	44.05	54.92	21.48	36.28	62.23	73.05	25.62	0.63	68.77	28.92	0.55
0.50	0.50	0.48	0.35	0.34	0.33	0.34	0.34	0.32	0.32	0.32	0.53
0.79	0.78	0.78	0.64	0.64	0.66	0.74	0.77	0.74	0.70	0.70	0.77

00 21 00	00 58 00	01 08 00	03 18 00	73 42 00	01 18 00	73 50 00	73 54 00	73 38 00	68 31 00	49 05 00	23 23 00
0.35	0.97	1.13	3.30	73.70	1.30	73.83	73.90	73.63	68.52	49.08	23.38
0.86	0.85	0.87	0.72	0.72	0.72	0.84	0.85	0.83	0.76	0.76	0.84
35 11 00	44 03 00	54 55 00	23 21 00	57 09 00	67 48 00	68 49 00	53 08 00	68 34 00	33 41 00	30 43 00	57 21 00
35.18	44.05	54.92	23.35	57.15	67.80	68.82	53.13	68.57	33.68	30.72	57.35
0.83	0.82	0.82	0.69	0.69	0.69	0.80	0.81	0.79	0.73	0.73	0.81
64	65	66	64	64	66	65	64	67	66	64	63
35 11 00	44 03 00	28 50 00	38 46 00	41 31 00	22 11 00	34 43 00	40 43 00	37 19 00	33 41 00	30 43 00	26 05 00
35.18	44.05	28.83	38.77	41.52	22.18	34.72	40.72	37.32	33.68	30.72	26.08
69	70	71	69	70	72	70	69	72	71	70	70
39 40 00	38 52 00	01 08 00	64 47 00	70 26 00	22 46 00	70 54 00	44 15 00	09 51 00	68 31 00	02 24 00	00 16 00
39.67	38.87	1.13	64.78	70.43	22.77	70.90	44.25	9.85	68.52	2.40	0.27
67	67	69	67	67	69	67	67	69	68	67	66
-1	-1	-1	-2	0	0	0	0	0	0	0	-2
34 13 00	38 23 00	39 22 00	73 59 00	74 01 00	73 27 00	00 51 00	00 54 00	01 46 00	41 41 00	05 56 00	63 00 00
34.22	38.38	39.37	73.98	74.02	73.45	0.85	0.90	1.77	41.68	5.93	63.00
-3	-4	-4	-8	-9	-8	-3	-3	-4	-3	-2	-9
03 48 00	01 58 00	01 04 00	72 12 00	69 16 00	00 37 00	72 16 00	70 58 00	02 43 00	02 15 00	69 54 00	59 42 00
3.80	1.97	1.07	72.20	69.27	0.62	72.27	70.97	2.72	2.25	69.90	59.70
-2	-3	-2	-5	-4	-4	0	0	0	-1	0	-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 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
3	4	8	3	3	4	3	4	3	4	3	5
00 13 00	60 49 00	63 00 00	02 44 00	02 43 00	38 14 00	02 38 00	31 24 00	02 38 00	74 05 00	02 42 00	00 11 00
0.22	60.82	63.00	2.73	2.72	38.23	2.63	31.40	2.63	74.08	2.70	0.18
0	0	0	0	0	0	0	0	0	0	0	0
4	5	0	11	5	2	6	5	1	1	5	1
11 10 00	23 53 00	03 43 00	72 38 00	67 55 00	67 20 00	50 26 00	36 33 00	65 23 00	56 58 00	44 59 00	53 40 00
11.17	23.88	3.72	72.63	67.92	67.33	50.43	36.55	65.38	56.97	44.98	53.67
13	18	8	32	32	30	21	17	13	12	16	26
00 45 00	05 00 00	15 30 00	03 18 00	70 18 00	02 34 00	73 12 00	73 12 00	03 38 00	40 45 00	73 05 00	58 32 00
0.75	5.00	15.50	3.30	70.30	2.57	73.20	73.20	3.63	40.75	73.08	58.53
7	8	3	17	10	9	9	7	4	4	8	6
0	0	1	0	0	0	0	0	0	0	0	0
104	103	104	0	0	0	0	0	0	104	102	0

1422	1423	1598	1636	1420
63:01	63:01	63:01	63:01	62:58
63	63	63	63	63
NIST	NADC	NADC	NIST	NIST
1	2	2	1	1
S1X	S1X	S2X	S2X	JVC
1	1	2	2	4
9	9	9	9	9
132	133	134	135	136
44.9	44.6	44.6	45	44.9
49.7	49.7	49.8	49.8	49.7
114.9	114.9	114.9	115	114.9
1.39	1.39	1.39	1.38	1.38
1.61	1.6	1.6	1.62	1.62
26	32	35	30	28
0.076	0.073	0.067	0.069	0.075
0.084	0.081	0.074	0.076	0.080
0.080	0.078	0.071	0.074	0.078
21	21	24	23	23
26	23	27	27	25
22	22	25	25	24
0.10	-0.08	-0.08	0.11	0.10
0.24	0.05	0.06	0.24	0.24
0.14	-0.02	-0.01	0.15	0.14
-0.5	-0.2	-0.2	-0.4	-0.4
0.0	0.2	0.2	0.0	0.0
-0.3	0.0	0.0	-0.2	-0.2
0	0	0	0	0
00 03 00	00 03 00	00 05 00	00 03 00	00 03 00
0.05	0.05	0.08	0.05	0.05
17	17	20	41	31
08 51 00	02 04 00	04 35 00	24 50 00	43 08 00
8.85	2.07	4.58	24.83	43.13
1	1	1	1	1
0	0	0	0	0
00 03 00	00 03 00	00 05 00	00 03 00	00 03 00
0.05	0.05	0.08	0.05	0.05
12	14	16	19	16
20 33 00	53 56 00	53 18 00	29 27 00	43 08 00
20.55	53.93	53.30	29.45	43.13
1	0	0	0	0
0	0	0	0	0
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
6	6	9	9	10
56 35 00	56 34 00	04 32 00	23 05 00	43 02 00
56.58	56.57	4.53	23.08	43.03
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
0.05	0.05	0.05	0.05	0.05
14	17	16	29	20
08 51 00	08 50 00	29 34 00	24 50 00	42 07 00
8.85	8.83	29.57	24.83	42.12
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
0.05	0.05	0.05	0.05	0.05
162	154	162	330	258
18 46 00	18 44 00	29 34 00	24 39 00	41 20 00
18.77	18.73	29.57	24.65	41.33
0	2	1	7	4
0	0	0	0	0
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	14	0	24	21
00 00 00	01 40 00	00 00 00	24 49 00	00 27 00
0.00	1.67	0.00	24.82	0.45
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
0.05	0.05	0.05	0.05	0.05
0	0	0	0	204
00 00 00	00 00 00	00 00 00	00 00 00	00 27 00
0.00	0.00	0.00	0.00	0.45
0	0	0	0	0
0.46	0.45	0.43	0.44	0.44
26 53 00	25 38 00	22 16 00	60 20 00	26 51 00
26.88	25.63	22.27	60.33	26.85
0.54	0.53	0.50	0.51	0.51
00 06 00	00 13 00	00 04 00	00 08 00	01 43 00
0.10	0.22	0.07	0.13	1.72
0.49	0.48	0.46	0.46	0.47
0.70	0.70	0.70	0.69	0.69
21 34 00	28 23 00	23 34 00	61 17 00	27 42 00
21.57	28.38	23.57	61.28	27.70
0.80	0.79	0.79	0.81	0.79
00 06 00	00 06 00	00 21 00	00 06 00	00 40 00
0.10	0.10	0.35	0.10	0.67
0.73	0.74	0.73	0.73	0.72
0.50	0.50	0.49	0.49	0.49
59 54 00	25 38 00	34 16 00	50 19 00	29 14 00
59.90	25.63	34.27	50.32	29.23
0.56	0.55	0.54	0.55	0.55
03 43 00	00 13 00	06 37 00	00 54 00	42 06 00
3.72	0.22	6.62	0.90	42.10
0.53	0.53	0.52	0.52	0.52
0.77	0.77	0.79	0.78	0.77

28 58 00	23 14 00	17 35 00	50 19 00	29 14 00
28.97	23.23	17.58	50.32	29.23
0.85	0.84	0.86	0.88	0.84
08 50 00	46 50 00	52 19 00	00 54 00	42 06 00
8.83	46.83	52.32	0.90	42.10
0.80	0.80	0.83	0.83	0.80
64	64	62	62	62
30 19 00	46 50 00	30 32 00	54 11 00	42 06 00
30.32	46.83	30.53	54.18	42.10
73	71	69	70	71
00 19 00	00 37 00	00 46 00	00 23 00	01 41 00
0.32	0.62	0.77	0.38	1.68
67	67	65	65	66
-1	-1	-1	-1	0
05 17 00	01 59 00	34 32 00	00 24 00	07 59 00
5.28	1.98	34.53	0.40	7.98
-9	-9	-6	-5	-4
60 06 00	61 08 00	19 56 00	57 50 00	62 55 00
60.10	61.13	19.93	57.83	62.92
-5	-5	-4	-3	-1
0	0	0	0	0
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
3	3	3	4	6
08 50 00	01 22 00	04 31 00	24 24 00	42 59 00
8.83	1.37	4.52	24.40	42.98
0	0	0	0	0
21	3	1	6	6
00 28 00	51 39 00	45 31 00	24 53 03	55 12 00
0.47	51.65	45.52	24.88	55.20
44	35	19	24	17
47 53 00	61 14 00	61 39 00	59 22 00	22 32 00
47.88	61.23	61.65	59.37	22.53
34	9	5	14	8
0	0	0	0	0
0	0	0	0	511