

Disk No	1193	1193	1193	1195	1195	1195	1199	1199	1199	1192	1192
Note											
Duration	63:01	63:01	63:01	63:01	63:01	63:01	63:01	63:01	63:00:03	63:01	63:01
Dur	63	63	63	63	63	63	63	63	63	63	63
Tester	NIST	NIST	NADC	NIST	NIST	NADC	NIST	NIST	NTIS	NIST	NIST
Tester No	1	1	2	1	1	2	1	1	1	1	1
Recorder	S1X	S1X	S1X	S1X	S1X	S1X	S1X	S1X	S1X	S2X	S2X
Recorder No	1	1	1	1	1	1	1	1	1	2	2
Cal Type	Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.	Al.	Al. Cal.	CD-R Cal.		Al. Cal.	CD-R 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	45.0	44.6	44.9	45	44.9	45.2	45.1	44.8	44.9	45
SPD	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.6	49.7	49.8	49.8
MID	114.9	114.9	114.8	114.9	114.9	114.9	114.9	114.9	115.1	115	115
SVY	1.39	1.38	1.39	1.38	1.38	1.38	1.39	1.38	1.38	1.37	1.39
TRP	1.60	1.62	1.60	1.62	1.62	1.62	1.60	1.62	1.62	1.63	1.61
ECC	30	23	29	33	29	19	21	27	29	27	18
PP-MIN	0.074	0.074	0.069	0.075	0.073	0.068	0.073	0.074		0.070	0.068
PP-MAX	0.082	0.082	0.081	0.083	0.081	0.077	0.081	0.082		0.075	0.074
PP-AVG	0.078	0.079	0.075	0.079	0.077	0.073	0.078	0.078	0.077	0.073	0.071
XT-MIN	21	21	21	21	21	22	21	21		25	24
XT-MAX	23	23	22	23	23	24	23	22		26	29
XT-AVG	22	22	22	22	22	23	22	22	23	25	25
DEV-MIN	0.10	0.10	-0.10	0.10	0.09	-0.06	0.09	0.09	-0.11	0.10	0.10
DEV-MAX	0.25	0.26	0.06	0.25	0.26	0.05	0.25	0.23	-0.01	0.27	0.21
DEV-AVG	0.14	0.15	-0.01	0.15	0.15	0.00	0.14	0.14		0.15	0.13
DEFL-MIN	-0.4	-0.5	-0.3	-0.4	-0.5	-0.3	-0.4	-0.4	0.0	-0.5	-0.4
DEFL-MAX	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0
DEFL-AVG	-0.2	-0.3	0.0	-0.2	-0.3	0.0	-0.3	-0.2		-0.3	-0.2
BLER-MIN Val	0	0	0	0	0	0	0	0	0	0	0
BLER-MIN Loc	00 03 00	00 03 00	00 08 00	00 11 00	00 11 00	00 11 00	00 03 00	00 03 00		00 05 00	00 05 00
BLER-MIN Loc	0.05	0.05	0.13	0.18	0.18	0.18	0.05	0.05		0.08	0.08
BLER-MAX Val	27	29	27	28	28	28	42	38	37	33	33
BLER-MAX Loc	16 25 00	16 25 00	16 25 00	15 11 00	22 30 00	15 11 00	05 51 00	05 01 00	05 47 00	05 09 00	05 09 00
BLER-MAX Loc	16.42	16.42	16.42	15.18	22.50	15.18	5.85	5.02	5.78	5.15	5.15
BLER-AVG Val	4	4	4	4	4	4	5	5	8	3	3
E11-MIN Val	0	0	0	0	0	0	0	0	0	0	0
E11-MIN Loc	00 03 00	00 03 00	00 03 00	00 11 00	00 11 00	00 11 00	00 03 00	00 03 00		00 05 00	00 05 00
E11-MIN Loc	0.05	0.05	0.05	0.18	0.18	0.18	0.05	0.05		0.08	0.08
E11-MAX Val	27	27	25	22	23	21	27	25	28	23	24
E11-MAX Loc	16 25 00	16 25 00	16 25 00	24 04 00	36 17 00	36 17 00	18 02 00	05 30 00	05 07 00	06 03 00	06 03 00
E11-MAX Loc	16.42	16.42	16.42	24.07	36.28	36.28	18.03	5.50	5.12	6.05	6.05
E11-AVG Val	3	3	3	3	3	3	4	4	8	3	3
E21-MIN Val	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
E21-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05
E21-MAX Val	9	8	8	10	13	11	17	15	13	11	10
E21-MAX Loc	08 48 00	19 34 00	08 48 00	11 18 00	34 47 00	34 47 00	02 29 00	02 29 00	02 52 00	05 55 00	10 16 00
E21-MAX Loc	8.80	19.57	8.80	11.30	34.78	34.78	2.48	2.48	2.87	5.92	10.27
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
E31-MIN Loc	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
E31-MIN Loc	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05		0.05	0.05
E31-MAX Val	13	18	11	17	16	16	28	26	16	18	14
E31-MAX Loc	19 23 00	19 23 00	19 23 00	15 11 00	03 46 00	03 44 00	05 51 00	05 49 00	05 47 00	19 28 00	19 28 00
E31-MAX Loc	19.38	19.38	19.38	15.18	3.77	3.73	5.85	5.82	5.78	19.47	19.47
E31-AVG Val	0	0	0	0	0	0	0	0	0	0	0
E12-MIN Val	0	0	0	0	0	0	0	0		0	0
E12-MIN Loc	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
E12-MIN Loc	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05		0.05	0.05
E12-MAX Val	96	104	95	143	137	145	273	329	114	137	118
E12-MAX Loc	07 28 00	24 59 00	07 28 00	15 11 00	24 07 00	03 45 00	05 49 00	05 47 00	05 47 00	19 28 00	05 09 00
E12-MAX Loc	7.47	24.98	7.47	15.18	24.12	3.75	5.82	5.78	5.78	19.47	5.15
E12-AVG Val	2	2	4	3	3	4	5	5	1	2	2
E22-MIN Val	0	0	0	0	0	0	0	0		0	0
E22-MIN Loc	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
E22-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05
E22-MAX Val	0	0	12	2	2	5	9	6	13	0	0
E22-MAX Loc	00 00 00	00 00 00	38 34 00	50 30 00	50 30 00	29 10 00	05 51 00	05 51 00	44 44 00	00 00 00	00 00 00
E22-MAX Loc	0.00	0.00	38.57	50.50	50.50	29.17	5.85	5.85	44.73	0.00	0.00
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
E32-MIN Loc	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
E32-MIN Loc	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05
E32-MAX Val	0	0	0	0	0	0	0	0		0	0
E32-MAX Loc	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
E32-MAX Loc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E32-AVG Val	0	0	0	0	0	0	0	0	0	0	0
I3-MIN Val Loc	0.45	0.45	0.45	0.47	0.47	0.46	0.46	0.46	0.48	0.47	0.46
I3-MIN Loc	27 42 00	59 05 00	24 32 00	15 19 00	33 26 00	27 09 00	18 06 00	62 08 00		22 20 00	32 10 00
I3-MIN Loc	27.70	59.08	24.53	15.32	33.43	27.15	18.10	62.13		22.33	32.17
I3-MAX Val	0.50	0.50	0.50	0.51	0.51	0.52	0.52	0.52	0.55	0.51	0.51
I3-MAX Loc	63 00 00	63 00 00	53 47 00	44 17 00	63 00 00	60 42 00	00 13 00	00 13 00	32 21 00	62 48 00	06 10 00
I3-MAX Loc	63.00	63.00	53.78	44.28	63.00	60.70	0.22	0.22	32.35	62.80	6.17
I3-AVG Val	0.48	0.47	0.48	0.49	0.49	0.49	0.48	0.48	0.52	0.49	0.49
I11-MIN Val	0.69	0.70	0.70	0.72	0.72	0.73	0.71	0.71	0.72	0.75	0.74
I11-MIN Loc	24 32 00	26 15 00	26 15 00	24 34 00	24 03 00	27 47 00	25 31 00	25 31 00		28 26 00	25 43 00
I11-MIN Loc	24.53	26.25	26.25	24.57	24.05	27.78	25.52	25.52		28.43	25.72
I11-MAX Val	0.76	0.76	0.77	0.79	0.78	0.81	0.78	0.78	0.78	0.80	0.79
I11-MAX Loc	63 00 00	63 00 00	56 59 00	63 00 00	63 00 00	63 00 00	00 51 00	00 13 00	29 47 00	51 20 00	53 17 00
I11-MAX Loc	63.00	63.00	56.98	63.00	63.00	63.00	0.85	0.22	29.78	51.33	53.28
I11-AVG Val	0.73	0.73	0.73	0.75	0.74	0.77	0.74	0.74	0.75	0.78	0.77
I3R-MIN Val	0.50	0.48	0.52	0.50	0.50	0.52	0.50	0.50	0.54	0.51	0.51
I3R-MIN Loc	55 31 00	59 05 00	59 05 00	56 47 00	62 56 00	17 54 00	61 51 00	46 25 00		49 13 00	51 11 00
I3R-MIN Loc	55.52	59.08	59.08	56.78	62.93	17.90	61.85	46.42		49.22	51.18
I3R-MAX Val	0.56	0.55	0.57	0.56	0.56	0.59	0.55	0.55	0.61	0.56	0.56
I3R-MAX Loc	11 31 00	26 13 00	53 47 00	62 46 00	56 12 00	55 32 00	31 08 00	27 44 00	47 21 00	12 04 00	15 58 00
I3R-MAX Loc	11.52	26.22	53.78	62.77	56.20	55.53	31.13	27.73	47.35	12.07	15.97
I3R-AVG Val	0.53	0.53	0.55	0.53	0.53	0.55	0.53	0.53	0.58	0.53	0.54
I11R-MIN Val	0.77	0.77	0.81	0.78	0.76	0.82	0.78	0.79	0.81	0.81	0.80

I11R-MIN Loc	29 59 00	59 05 00	24 12 00	56 47 00	62 56 00	17 54 00	56 15 00	61 55 00		20 11 00	01 04 00
I11R-MIN Loc	29.98	59.08	24.20	56.78	62.93	17.90	56.25	61.92		20.18	1.07
I11R-MAX Val	0.85	0.84	0.89	0.85	0.84	0.91	0.84	0.85	0.88	0.88	0.87
I11R-MAX Loc	11 31 00	08 05 00	52 52 00	08 16 00	61 49 00	56 24 00	46 15 00	61 30 00	41 48 00	12 04 00	37 21 00
I11R-MAX Loc	11.52	8.08	52.87	8.27	61.82	56.40	46.25	61.50	41.80	12.07	37.35
I11R-AVG Val	0.81	0.81	0.84	0.82	0.81	0.86	0.81	0.82	0.84	0.85	0.84
REF-MIN Val	62	64	64	64	64	66	64	64	71	63	64
REF-MIN Loc	11 31 00	24 39 00	33 43 00	28 04 00	21 33 00	26 00 00	24 49 00	30 20 00		28 27 00	25 43 00
REF-MIN Loc	11.52	24.65	33.72	28.07	21.55	26.00	24.82	30.33		28.45	25.72
REF-MAX Val	68	69	71	71	71	73	70	70	78	70	69
REF-MAX Loc	52 12 00	03 14 00	56 54 00	56 47 00	62 56 00	60 08 00	56 15 00	00 13 00	14 27 00	54 46 00	02 56 00
REF-MAX Loc	52.20	3.23	56.90	56.78	62.93	60.13	56.25	0.22	14.45	54.77	2.93
REF-AVG Val	65	66	68	67	66	69	66	66	74	67	66
SYM-MIN Val	-2	-2	-2	-1	-1	-2	0	0	0	-2	-2
SYM-MIN Loc	62 49 00	02 02 00	62 02 00	01 52 00	01 52 00	62 47 00	62 08 00	62 08 00		02 07 00	00 50 00
SYM-MIN Loc	62.82	2.03	62.03	1.87	1.87	62.78	62.13	62.13		2.12	0.83
SYM-MAX Val	-8	-8	-7	-7	-7	-7	-7	-7	-7	-8	-8
SYM-MAX Loc	44 20 00	50 50 00	27 36 00	46 12 00	57 24 00	46 12 00	58 44 00	58 44 00	59 18 00	62 34 00	62 34 00
SYM-MAX Loc	44.33	50.83	27.60	46.20	57.40	46.20	58.73	58.73	59.30	62.57	62.57
SYM-AVG Val	-5	-5	-5	-4	-4	-4	-4	-4	-4	-6	-6
BERL-MIN Val	0	0	0	0	0	0	0	0		0	0
BERL-MIN Loc	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
BERL-MIN Loc	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05		0.05	0.05
BERL-MAX Val	3	3	3	3	3	3	3	3	4	5	3
BERL-MAX Loc	15 55 00	08 04 00	13 31 00	02 14 00	02 14 00	02 14 00	01 56 00	01 56 00	28 27 00	00 08 00	02 13 00
BERL-MAX Loc	15.92	8.07	13.52	2.23	2.23	2.23	1.93	1.93	28.45	0.13	2.22
BERL-AVG Val	0	0	0	0	0	0	0	0	0	0	0
RN-MIN Val	8	15	10	8	5	5	8	9	8	8	6
RN-MIN Loc	57 39 03	02 22 00	57 39 02	15 37 03	62 33 03	62 33 03	12 43 00	18 38 00		01 40 00	25 03 03
RN-MIN Loc	57.65	2.37	57.65	15.62	62.55	62.55	12.72	18.63		1.67	25.05
RN-MAX Val	36	38	39	41	41	48	31	33	26	20	20
RN-MAX Loc	62 42 00	62 46 00	62 42 00	62 56 00	62 57 00	62 59 00	40 21 00	40 21 00	40 21 00	60 40 00	60 40 00
RN-MAX Loc	62.70	62.77	62.70	62.93	62.95	62.98	40.35	40.35	40.35	60.67	60.67
RN-AVG	23	24	24	24	24	24	15	16	15	13	13
B EGL	0	0	0	0	0	0	0	0	0	0	0
E32TOT	0	0	0	0	0	0	0	0	0	0	0

1192	3072	3072	3084	3084	3084	3085	3085	1198	1477	1194	1194
	Transient										
63:01	63:01	63:01	63:01	63:01	63:00:03	63:00	63:00	63:00	62:58	62:58	62:58
63	63	63	63	63	63	63	63	63	63	63	63
NADC	NIST	NIST	NIST	NIST	NTIS	NIST	NADC	NADC	NADC	NIST	NADC
2	1	1	1	1	3	1	2	2	2	1	2
S2X	S2X	S2X	S2X	S2X	S2X	KODAK	KODAK	KODAK	KODAK	JVC	JVC
2	2	2	2	2	2	3	3	3	3	4	4
	Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.							
1	1	1	1	1	1	1	1	1	1	1	1
12	13	14	15	16	17	18	19	20	21	22	23
44.9	45.1	45.0	45.2	45.1	44.8	45.0	44.6	44.6	44.8	45	44.7
49.8	49.8	49.8	49.8	49.8	49.9	49.7	49.6	49.6	49.8	49.7	49.8
115.0	115.0	115.0	115.0	115.0	115.2	114.9	114.9	114.9	115	114.9	115
1.38	1.39	1.38	1.39	1.39	1.38	1.38	1.39	1.39	1.39	1.38	1.39
1.61	1.61	1.62	1.60	1.61	1.61	1.62	1.61	1.61	1.6	1.62	1.6
23	23	16	17	14	19	13	10	31	26	32	24
0.061	0.069	0.070	0.069	0.070		0.070	0.065	0.068	0.071	0.073	0.073
0.072	0.075	0.076	0.074	0.076		0.075	0.073	0.079	0.078	0.078	0.080
0.067	0.072	0.073	0.072	0.072	0.072	0.073	0.070	0.073	0.075	0.075	0.077
25	24	25	25	25		19	19	19	25	27	27
28	28	30	27	27		23	21	21	28	30	30
26	26	26	26	26	28	20	20	20	27	28	28
-0.03	0.10	0.09	0.09	0.10	-0.09	0.10	-0.05	-0.06	-0.07	0.10	-0.09
0.08	0.25	0.24	0.27	0.25	0.00	0.23	0.08	0.06	0.09	0.22	0.03
0.02	0.14	0.14	0.15	0.15		0.14	0.01	0.00	-0.01	0.14	-0.03
-0.3	-0.5	-0.5	-0.5	-0.5	0.0	-0.5	-0.2	-0.2	-0.1	-0.5	-0.2
0.2	0.0	0.0	0.0	-0.1	0.1	0.0	0.2	0.2	0.2	0.0	0.2
-0.1	-0.3	-0.3	-0.3	-0.3		-0.3	0.0	0.0	0.0	-0.3	0.0
0	0	0	0	0	0	0	0	0	0	0	0
00 05 00	00 04 00	00 04 00	00 03 00	00 03 00		00 03 00	00 05 00	00 03 00	00 05 00	00 06 00	00 05 00
0.08	0.07	0.07	0.05	0.05		0.05	0.08	0.05	0.08	0.10	0.08
33	740	39	23	21	23	25	25	34	32	63	159
05 09 00	14 13 00	10 04 00	16 41 00	01 35 00	01 34 00	43 59 00	43 58 00	09 15 00	05 53 00	41 07 00	54 53 00
5.15	14.22	10.07	16.68	1.58	1.57	43.98	43.97	9.25	5.88	41.12	54.88
3	2	1	1	1	3	1	1	3	3	3	5
0	0	0	0	0	0	0	0	0	0	0	0
00 05 00	00 04 00	00 04 00	00 03 00	00 03 00		00 03 00	00 05 00	00 03 00	00 05 00	00 06 00	00 05 00
0.08	0.07	0.07	0.05	0.05		0.05	0.08	0.05	0.08	0.10	0.08
24	20	19	17	17	19	18	16	32	21	26	22
29 48 00	10 04 00	10 04 00	02 54 00	02 54 00	02 53 00	26 22 00	38 01 00	09 15 00	07 46 00	27 12 00	14 26 00
29.80	10.07	10.07	2.90	2.90	2.88	26.37	38.02	9.25	7.77	27.20	14.43
2	1	1	1	1	3	1	1	3	2	3	3
0	0	0	0	0		0	0	0	0	0	0
00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.07	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
10	9	12	8	9	12	9	7	10	8	11	10
05 55 00	10 04 00	02 18 00	01 34 00	01 35 00	01 34 00	01 44 00	19 26 00	16 27 00	51 03 00	05 54 00	09 27 00
5.92	10.07	2.30	1.57	1.58	1.57	1.73	19.43	16.45	51.05	5.90	9.45
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 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
0.05	0.05	0.07	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
21	736	21	15	15	13	19	19	15	20	49	150
19 28 00	14 13 00	04 02 00	06 09 00	06 09 00	06 08 00	03 15 00	03 15 00	21 28 00	05 53 00	41 07 00	58 16 00
19.47	14.22	4.03	6.15	6.15	6.13	3.25	3.25	21.47	5.88	41.12	58.27
0	0	0	0	0	0	0	0	0	0	0	1
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
0.05	0.05	0.07	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
170	292	263	107	93	37	146	172	128	144	122	148
19 28 00	04 02 00	04 02 00	19 16 00	19 28 00	06 08 00	03 16 00	03 15 00	21 28 00	05 54 00	09 45 00	19 10 00
19.47	4.03	4.03	19.27	19.47	6.13	3.27	3.25	21.47	5.90	9.75	19.17
2	1	1	1	1	0	1	2	2	4	2	12
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
0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
0	10	0	0	0	0	11	11	0	26	85	53
00 00 00	14 13 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	00 00 00	22 10 00	61 19 00	59 33 00
0.00	14.22	0.00	0.00	0.00	0.00	63.00	63.00	0.00	22.17	61.32	59.55
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
0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
0	735	0	0	0		103	102	0	0	138	316
00 00 00	14 13 00	00 00 00	00 00 00	00 00 00	00 00 00	63 00 00	63 00 00	00 00 00	00 00 00	41 07 00	54 53 00
0.00	14.22	0.00	0.00	0.00	0.00	63.00	63.00	0.00	0.00	41.12	54.88
0	0	0	0	0	0	0	0	0	0	0	0
0.47	0.29	0.45	0.46	0.45	0.50	0.42	0.43	0.43	0.46	0.46	0.44
30 36 00	14 13 00	61 31 00	61 50 00	60 25 00		19 29 00	25 41 00	26 57 00	26 42 00	60 30 00	26 10 00
30.60	14.22	61.52	61.83	60.42		19.48	25.68	26.95	26.70	60.50	26.17
0.52	0.51	0.50	0.50	0.50	0.56	0.47	0.48	0.48	0.51	0.51	0.50
58 07 00	07 29 00	02 57 00	35 49 00	62 49 00	62 31 00	00 10 00	53 53 00	57 55 00	01 07 00	51 59 00	56 14 00
58.12	7.48	2.95	35.82	62.82	62.52	0.17	53.88	57.92	1.12	51.98	56.23
0.50	0.48	0.48	0.49	0.48	0.54	0.45	0.45	0.46	0.49	0.49	0.48
0.75	0.55	0.74	0.74	0.75	0.77	0.72	0.72	0.74	0.73	0.71	0.70
31 00 00	14 13 00	28 33 00	26 54 00	24 07 00		25 45 00	25 09 00	18 55 00	26 50 00	61 45 00	25 58 00
31.00	14.22	28.55	26.90	24.12		25.75	25.15	18.92	26.83	61.75	25.97
0.81	0.79	0.79	0.80	0.80	0.82	0.77	0.78	0.80	0.78	0.76	0.77
53 49 00	02 15 00	04 06 00	52 54 00	54 02 00	62 31 00	01 15 00	56 10 00	52 53 00	52 47 00	04 25 00	54 01 00
53.82	2.25	4.10	52.90	54.03	62.52	1.25	56.17	52.88	52.78	4.42	54.02
0.78	0.76	0.76	0.77	0.77	0.79	0.75	0.75	0.77	0.76	0.74	0.74
0.54	0.33	0.50	0.50	0.50	0.55	0.46	0.48	0.46	0.50	0.51	0.48
27 45 00	14 13 00	60 34 00	59 57 00	60 25 00		60 14 00	21 53 00	26 57 00	16 08 00	57 45 00	29 14 00
27.75	14.22	60.57	59.95	60.42		60.23	21.88	26.95	16.13	57.75	29.23
0.59	0.56	0.55	0.56	0.55	0.61	0.52	0.53	0.51	0.55	0.56	0.54
56 50 00	07 16 00	08 14 00	35 41 00	36 48 00	62 31 00	05 36 00	44 22 00	02 53 00	33 34 00	36 35 00	56 17 00
56.83	7.27	8.23	35.68	36.80	62.52	5.60	44.37	2.88	33.57	36.58	56.28
0.56	0.53	0.53	0.53	0.53	0.59	0.50	0.50	0.49	0.53	0.54	0.51
0.85	0.62	0.81	0.80	0.81	0.84	0.78	0.80	0.79	0.79	0.77	0.76

61 34 00	14 13 00	29 14 00	59 57 00	02 44 00		60 14 00	21 53 00	23 10 00	16 08 00	41 58 00	30 31 00
61.57	14.22	29.23	59.95	2.73		60.23	21.88	23.17	16.13	41.97	30.52
0.91	0.88	0.87	0.87	0.87	0.92	0.87	0.87	0.85	0.85	0.84	0.83
56 32 00	07 16 00	08 14 00	35 41 00	55 09 00	60 21 00	46 22 00	44 22 00	02 53 00	40 56 00	09 39 00	51 32 00
56.53	7.27	8.23	35.68	55.15	60.35	46.37	44.37	2.88	40.93	9.65	51.53
0.88	0.84	0.84	0.84	0.84	0.87	0.83	0.83	0.82	0.82	0.81	0.80
66	63	64	64	64	73	62	64	66	64	64	65
29 55 00	15 55 00	22 39 00	35 41 00	25 29 00		62 34 00	24 59 00	29 43 00	26 30 00	24 36 00	25 19 00
29.92	15.92	22.65	35.68	25.48		62.57	24.98	29.72	26.50	24.60	25.32
73	70	70	70	70	78	69	68	72	71	69	71
53 11 00	05 48 00	10 50 00	57 37 00	02 44 00	20 44 00	02 49 00	54 31 00	56 07 00	49 45 00	50 28 00	49 37 00
53.18	5.80	10.83	57.62	2.73	20.73	2.82	54.52	56.12	49.75	50.47	49.62
69	66	66	67	67	75	65	66	69	67	66	68
-3	-1	-2	-2	-2	-1	0	0	0	-4	-6	-7
00 17 00	00 47 00	00 57 00	00 51 00	00 13 00		00 21 00	42 04 00	03 34 00	32 18 00	00 05 00	41 17 00
0.28	0.78	0.95	0.85	0.22		0.35	42.07	3.57	32.30	0.08	41.28
-8	8	-8	-6	-7	-6	-2	-2	-1	-8	-12	-12
27 39 00	14 13 00	63 01 00	23 08 00	25 05 00	62 50 00	63 00 00	00 10 00	62 34 00	61 49 00	62 45 00	62 48 00
27.65	14.22	63.02	23.13	25.08	62.83	63.00	0.17	62.57	61.82	62.75	62.80
-6	-5	-5	-4	-4	-4	-1	-1	0	-6	-9	-9
0	0	0	0	0		0	0	0	0	0	0
00 03 00	00 04 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
0.05	0.07	0.07	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05
3	6	3	3	5	4	3	6	5	5	8	79
02 13 00	14 13 00	03 59 00	06 08 00	00 25 00	61 03 00	01 43 00	63 00 00	63 03 00	62 49 00	58 17 00	41 06 00
2.22	14.22	3.98	6.13	0.42	61.05	1.72	63.00	63.05	62.82	58.28	41.10
0	0	0	0	0	0	0	0	0	0	0	0
4	6	6	5	5	6	4	0	0	1	5	1
25 03 03	12 36 00	17 26 00	05 01 00	23 11 00		29 09 00	00 05 00	27 37 00	43 26 00	22 23 03	43 20 00
25.05	12.60	17.43	5.02	23.18		29.15	0.08	27.62	43.43	22.38	43.33
19	35	32	25	26	26	26	19	15	18	20	16
59 29 00	16 47 00	56 32 00	59 45 00	59 52 00	59 52 00	59 57 00	60 44 00	62 35 00	61 27 00	35 29 00	62 13 00
59.48	16.78	56.53	59.75	59.87	59.87	59.95	60.73	62.58	61.45	35.48	62.22
13	11	11	10	10	11	10	1	3	5	9	4
0	0	0	0	0	0	0	0	0	0	3	19
0	735	0	0	0	0	103	102	0	0	487	2236

5571	5571	5572	5531	5570	8211	8211	1042	1042	1042	1043	1043
74:06	74:06	74:06	74:06	74:05	74:05	74:05	63:01	63:01	63:00:03	63:01	63:01
74	74	74	74	74	74	74	63	63	63	63	63
NIST	NADC	NADC	NIST	NADC	NIST	NADC	NIST	NIST	NTIS	NIST	NIST
1	2	2	1	2	1	2	1	1	3	1	1
S2X	S2X	S2X	S2X	KODAK	KODAK	KODAK	S1X	S1X	S1X	S1X	S1X
2	2	2	2	3	3	3	1	1	1	1	1
							Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.
1	1	1	1	1	1	1	2	2	2	2	2
24	25	26	27	28	29	30	31	32	33	34	35
45.0	44.6	44.6	45.2	44.6	44.9	44.6	45.1	45.1	44.7	45.2	45.2
49.8	49.8	49.8	49.7	49.7	49.7	49.7	49.7	49.6	49.8	49.7	49.6
115.9	115.8	115.8	115.9	115.8	115.8	115.8	114.9	114.9	115.1	114.9	114.9
1.18	1.20	1.20	1.20	1.2	1.2	1.2	1.39	1.39	1.38	1.39	1.38
1.63	1.61	1.61	1.61	1.61	1.61	1.61	1.60	1.61	1.60	1.61	1.62
18	16	14	13	12	12	18	17	20	20	12	23
0.072	0.069	0.072	0.072	0.071	0.072	0.070	0.074	0.074		0.075	0.074
0.078	0.076	0.080	0.080	0.078	0.078	0.078	0.081	0.083		0.081	0.082
0.076	0.074	0.077	0.077	0.076	0.075	0.075	0.078	0.079	0.076	0.079	0.078
21	21	21	21	18	18	18	21	21		21	21
24	22	22	28	19	21	19	24	24		24	24
22	22	22	23	19	19	19	22	22	24	22	22
0.10	-0.12	-0.08	0.08	-0.10	0.10	-0.14	0.09	0.09	-0.15	0.09	0.08
0.30	0.03	0.06	0.25	0.05	0.28	0.05	0.21	0.19	-0.01	0.20	0.20
0.16	-0.03	0.00	0.13	-0.01	0.15	-0.03	0.13	0.12		0.13	0.12
-0.4	-0.3	-0.2	-0.3	-0.2	-0.5	-0.2	-0.4	-0.4	0.0	-0.4	-0.4
0.0	0.1	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.1	0.0	0.1
-0.2	-0.1	-0.1	-0.2	-0.1	-0.3	0.0	-0.2	-0.2		-0.2	-0.2
0	0	0	0	0	0	0	0	0	0	0	0
01 24 00	01 21 00	01 04 00	01 41 00	00 41 00	00 26 00	01 06 00	00 04 00	00 03 00		00 03 00	00 03 00
1.40	1.35	1.07	1.68	0.68	0.43	1.10	0.07	0.05		0.05	0.05
56	58	48	43	54	37	37	18	19	26	26	26
12 25 00	12 24 00	35 18 00	00 18 00	00 21 00	01 59 00	10 29 00	58 03 00	58 03 00	53 27 00	13 36 00	13 36 00
12.42	12.40	35.30	0.30	0.35	1.98	10.48	58.05	58.05	53.45	13.60	13.60
8	9	8	8	9	6	8	1	1	6	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	01 21 00	01 04 00	01 41 00	00 41 00	00 26 00	00 49 00	00 04 00	00 03 00		00 03 00	00 03 00
0.05	1.35	1.07	1.68	0.68	0.43	0.82	0.07	0.05		0.05	0.05
35	39	35	35	34	26	33	12	12	21	12	13
12 25 00	15 08 00	11 56 00	06 16 00	02 40 00	01 59 00	35 35 00	05 03 00	05 03 00	40 46 00	37 50 00	37 50 00
12.42	15.13	11.93	6.27	2.67	1.98	35.58	5.05	5.05	40.77	37.83	37.83
6	6	6	6	7	5	6	0	0	6	0	0
0	0	0	0	0	0	0	0	0		0	0
00 03 00	00 07 00	00 06 00	00 04 00	00 03 00	00 06 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
0.05	0.12	0.10	0.07	0.05	0.10	0.05	0.05	0.05		0.05	0.05
11	10	12	14	11	9	11	6	6	8	7	7
08 56 00	00 18 00	37 05 00	29 22 00	00 21 00	15 05 00	33 06 00	53 21 00	53 21 00	62 03 00	60 39 00	13 37 00
8.93	0.30	37.08	29.37	0.35	15.08	33.10	53.35	53.35	62.05	60.65	13.62
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 03 00	00 03 00	00 06 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
0.10	0.05	0.05	0.10	0.05	0.07	0.05	0.05	0.05		0.05	0.05
27	26	34	28	22	19	20	11	11	9	18	16
09 50 00	09 49 00	34 53 00	69 29 00	03 58 00	00 13 00	63 46 00	08 35 00	08 35 00	08 35 00	01 07 00	01 07 00
9.83	9.82	34.88	69.48	3.97	0.22	63.77	8.58	8.58	8.58	1.12	1.12
1	1	1	1	1	1	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0		0	0
00 06 00	00 03 00	00 03 00	00 06 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
0.10	0.05	0.05	0.10	0.05	0.07	0.05	0.05	0.05		0.05	0.05
224	220	531	401	258	188	230	103	101	61	161	120
09 51 00	10 04 00	35 18 00	70 20 00	32 07 00	22 07 00	22 06 00	56 47 00	08 35 00	51 52 00	01 06 00	13 34 00
9.85	10.07	35.30	70.33	32.12	22.12	22.10	56.78	8.58	51.87	1.10	13.57
11	15	16	15	14	8	19	0	0	1	0	0
0	0	0	0	0	0	0	0	0		0	0
00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05
28	15	64	113	18	13	26	0	0	10	0	0
65 36 00	24 31 00	34 53 00	69 55 00	20 28 00	01 59 00	68 01 00	00 00 00	00 00 00	61 55 00	00 00 00	00 00 00
65.60	24.52	34.88	69.92	20.47	1.98	68.02	0.00	0.00	61.92	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
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	00 03 00
0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05
103	0	4	0	102	101	101	0	0		0	0
00 03 00	00 00 00	34 53 00	00 00 00	74 05 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
0.05	0.00	34.88	0.00	74.08	74.08	74.08	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.31	0.31	0.29	0.30	0.30	0.29	0.29	0.44	0.44	0.67	0.45	0.45
19 46 00	18 56 00	34 44 00	73 18 00	30 31 00	27 54 00	20 07 00	58 39 00	62 39 00		60 39 00	59 53 00
19.77	18.93	34.73	73.30	30.52	27.90	20.12	58.65	62.65		60.65	59.88
0.37	0.37	0.36	0.36	0.34	0.34	0.34	0.54	0.54	0.84	0.54	0.54
74 06 00	62 28 00	71 46 00	73 41 00	66 31 00	73 20 00	66 30 00	00 17 00	00 34 00	59 53 00	00 05 00	00 17 00
74.10	62.47	71.77	73.68	66.52	73.33	66.50	0.28	0.57	59.88	0.08	0.28
0.34	0.34	0.34	0.34	0.32	0.30	0.31	0.48	0.48	0.74	0.49	0.48
0.71	0.72	0.71	0.72	0.72	0.70	0.71	0.68	0.68	0.99	0.69	0.69
17 57 00	11 47 00	34 44 00	20 49 00	16 36 00	19 54 00	03 05 00	61 52 00	61 52 00		61 01 00	61 51 00
17.95	11.78	34.73	20.82	16.60	19.90	3.08	61.87	61.87		61.02	61.85
0.77	0.79	0.79	0.78	0.77	0.75	0.78	0.82	0.82	1.22	0.82	0.82
62 01 00	74 06 00	74 06 00	74 00 00	73 58 00	62 41 00	66 50 00	00 22 00	00 48 00	62 08 00	00 20 00	00 36 00
62.02	74.10	74.10	74.00	73.97	62.68	66.83	0.37	0.80	62.13	0.33	0.60
0.74	0.75	0.75	0.75	0.74	0.73	0.74	0.73	0.73	1.07	0.74	0.73
0.33	0.35	0.32	0.33	0.33	0.31	0.32	0.50	0.49	0.73	0.51	0.50
18 40 00	19 27 00	34 44 00	73 18 00	24 26 00	22 59 00	20 07 00	58 39 00	62 16 00		60 39 00	61 58 00
18.67	19.45	34.73	73.30	24.43	22.98	20.12	58.65	62.27		60.65	61.97
0.40	0.41	0.39	0.40	0.37	0.37	0.37	0.56	0.56	0.86	0.56	0.56
29 28 00	61 39 00	72 06 00	24 21 00	73 46 00	73 20 00	72 18 00	08 18 00	02 16 00	59 53 00	56 03 24	03 34 00
29.47	61.65	72.10	24.35	73.77	73.33	72.30	8.30	2.27	59.88	56.05	3.57
0.38	0.38	0.37	0.38	0.35	0.34	0.34	0.53	0.53	0.80	0.53	0.53
0.75	0.80	0.78	0.78	0.79	0.76	0.78	0.77	0.77	1.08	0.78	0.77

18 40 00	19 35 00	13 22 00	63 20 00	06 30 00	22 59 00	01 59 00	31 45 00	62 16 00		24 55 00	27 57 00
18.67	19.58	13.37	63.33	6.50	22.98	1.98	31.75	62.27		24.92	27.95
0.87	0.89	0.84	0.87	0.86	0.85	0.85	0.86	0.86	1.25	0.85	0.86
56 10 00	61 39 00	73 52 00	49 14 00	68 46 00	18 23 00	51 20 00	08 18 00	02 16 00	62 34 00	08 29 00	01 15 00
56.17	61.65	73.87	49.23	68.77	18.38	51.33	8.30	2.27	62.57	8.48	1.25
0.83	0.84	0.81	0.83	0.82	0.81	0.82	0.81	0.82	1.16	0.81	0.81
62	62	65	63	64	62	63	62	62	73	63	63
36 20 00	30 04 00	24 25 00	25 57 00	18 45 00	18 23 00	11 14 00	50 20 00	59 07 00		40 47 00	61 12 00
36.33	30.07	24.42	25.95	18.75	18.38	11.23	50.33	59.12		40.78	61.20
70	69	71	70	69	68	69	72	72	82	73	73
18 40 00	69 32 00	72 49 00	63 20 00	73 28 00	05 28 00	65 38 00	00 27 00	00 48 00	62 05 00	00 24 00	02 55 00
18.67	69.53	72.82	63.33	73.47	5.47	65.63	0.45	0.80	62.08	0.40	2.92
65	65	67	66	66	65	66	65	65	76	66	66
0	0	0	0	0	0	0	-2	-2	-2	-1	-1
18 47 00	22 52 00	03 11 00	01 16 00	34 20 00	74 04 00	73 54 00	00 26 00	05 53 00		02 40 00	01 13 00
18.78	22.87	3.18	1.27	34.33	74.07	73.90	0.43	5.88		2.67	1.22
-9	-10	-8	-8	2	3	3	-7	-7	-6	-6	-6
74 06 00	74 06 00	73 53 00	74 06 00	56 11 00	35 25 00	02 22 00	58 59 00	60 27 00	37 30 00	57 51 00	57 28 00
74.10	74.10	73.88	74.10	56.18	35.42	2.37	58.98	60.45	37.50	57.85	57.47
-3	-4	-4	-4	1	2	2	-4	-5	-4	-4	-4
0	0	0	0	0	0	0	0	0		0	0
00 14 00	00 04 00	00 03 00	00 06 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00
0.23	0.07	0.05	0.10	0.05	0.07	0.05	0.05	0.05		0.05	0.05
5	5	6	8	9	7	7	3	3	4	5	3
00 04 00	18 45 00	34 51 00	69 56 00	00 05 00	74 05 00	74 05 00	01 35 00	01 35 00	40 21 00	00 08 00	13 34 00
0.07	18.75	34.85	69.93	0.08	74.08	74.08	1.58	1.58	40.35	0.13	13.57
0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	8	2	4	2	5	6	7	12	6
25 02 00	09 29 00	28 24 00	02 58 00	03 43 00	35 17 00	46 58 00	62 20 00	20 06 00		62 41 00	18 55 03
25.03	9.48	28.40	2.97	3.72	35.28	46.97	62.33	20.10		62.68	18.92
29	21	21	37	21	21	16	26	27	22	31	32
71 13 00	68 51 00	73 36 00	72 54 00	73 24 00	71 08 00	70 44 00	47 59 00	51 49 00	46 18 00	42 19 00	38 42 00
71.22	68.85	73.60	72.90	73.40	71.13	70.73	47.98	51.82	46.30	42.32	38.70
13	3	6	14	5	9	5	11	12	11	18	18
0	0	0	1	1	1	1	0	0	0	0	0
103	0	4	0	102	101	101	0	0	0	0	0

1041	1041	1041	1052	1052	1053	1044	1054	1057	1057	1058	1060
63:01	63:01	63:01	63:01	63:01	63:01	63:01	63:00	63:00	63:00	63:00	62:58
63	63	63	63	63	63	63	63	63	63	63	63
NIST	NIST	NADC	NIST	NADC	NADC	NIST	NADC	NIST	NADC	NIST	NADC
1	1	2	1	2	2	1	2	1	2	1	2
S1X	S1X	S1X	S2X	S2X	S2X	S2X	KODAK	KODAK	KODAK	KODAK	JVC
1	1	1	2	2	2	2	3	3	3	3	4
Al. Cal.	CD-R Cal.										
2	2	2	2	2	2	2	2	2	2	2	2
36	37	38	39	40	41	42	43	44	45	46	47
45	44.9	44.9	44.9	44.5	44.5	44.9	44.6	45.0	44.6	45.2	44.6
49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.6	49.7	49.7	49.7	49.6
114.9	114.9	114.9	115.0	115.0	115.0	115.0	114.9	114.9	114.9	114.9	114.9
1.39	1.39	1.38	1.38	1.39	1.39	1.38	1.39	1.38	1.39	1.38	1.39
1.61	1.61	1.62	1.62	1.61	1.61	1.62	1.61	1.62	1.61	1.62	1.61
9	8	12	22	23	16	17	18	26	23	26	28
0.075	0.073	0.069	0.066	0.066	0.069	0.069	0.069	0.069	0.066	0.069	0.069
0.081	0.080	0.076	0.073	0.073	0.075	0.075	0.076	0.076	0.075	0.075	0.079
0.079	0.077	0.073	0.071	0.070	0.072	0.073	0.073	0.073	0.072	0.073	0.074
20	21	21	24	25	24	24	21	20	20	21	25
24	25	24	27	27	27	27	22	23	22	23	27
21	22	23	26	25	25	25	21	21	21	21	26
0.09	0.09	-0.17	0.09	-0.03	-0.05	0.09	-0.05	0.09	-0.04	0.07	-0.03
0.19	0.20	0.03	0.18	0.22	0.16	0.19	0.13	0.20	0.22	0.16	0.21
0.12	0.13	-0.03	0.12	0.05	0.02	0.12	0.02	0.13	0.04	0.11	0.05
-0.4	-0.5	-0.2	-0.4	-0.1	-0.2	-0.3	-0.1	-0.4	-0.1	-0.3	-0.1
0.0	0.1	0.3	0.1	0.3	0.3	0.1	0.2	0.0	0.3	0.1	0.4
-0.2	-0.2	0.0	-0.2	0.1	0.0	-0.2	0.0	-0.2	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 05 00	00 05 00	00 05 00	00 10 00	00 07 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.17	0.12
15	14	15	17	20	20	16	20	19	17	20	50
16 19 00	24 06 00	24 08 00	03 23 00	03 23 00	12 34 00	08 30 00	15 21 00	08 34 00	01 51 00	08 34 00	20 25 00
16.32	24.10	24.13	3.38	3.38	12.57	8.50	15.35	8.57	1.85	8.57	20.42
1	1	0	0	0	0	0	0	0	0	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 05 00	00 05 00	00 05 00	00 10 00	00 07 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.17	0.12
13	12	13	10	12	15	13	11	15	15	13	13
05 03 00	25 27 00	27 01 00	00 49 00	03 33 00	03 33 00	09 06 00	24 04 00	03 38 00	03 37 00	03 37 00	03 37 00
5.05	25.45	27.02	0.82	3.55	3.55	9.10	24.07	3.63	3.62	3.62	3.62
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 03 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	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.05	0.05	0.05
6	5	6	8	7	11	9	7	8	7	9	5
16 19 00	16 19 00	54 13 00	03 20 00	03 20 00	12 50 00	17 30 00	01 13 00	60 16 00	24 34 00	00 17 00	02 45 00
16.32	16.32	54.22	3.33	3.33	12.83	17.50	1.22	60.27	24.57	0.28	2.75
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 04 00	00 05 00	00 05 00	00 03 00	00 06 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.08	0.05	0.10
11	11	11	15	16	15	14	16	13	16	16	46
38 52 00	56 47 00	38 53 00	03 25 00	03 24 00	12 34 00	08 30 00	15 21 00	08 34 00	24 05 00	08 34 00	20 17 00
38.87	56.78	38.88	3.42	3.40	12.57	8.50	15.35	8.57	24.08	8.57	20.28
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 03 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 05 00	00 03 00	00 06 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.08	0.05	0.10
115	146	122	116	127	176	115	183	98	182	132	711
38 52 00	56 47 00	38 53 00	30 38 00	03 23 00	12 34 00	56 42 00	15 21 00	51 36 00	24 05 00	15 53 00	20 04 00
38.87	56.78	38.88	30.63	3.38	12.57	56.70	15.35	51.60	24.08	15.88	20.07
1	1	1	0	1	1	0	1	0	1	1	11
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	12	11	14	9	157
00 00 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	06 56 00	63 00 00	20 17 00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00	6.93	63.00	20.28
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 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	103	104	104	102	0
00 00 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	63 00 00	00 00 00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00	63.00	63.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.43	0.43	0.44	0.45	0.45	0.44	0.44	0.43	0.42	0.41	0.43	0.44
62 40 00	61 24 00	62 35 00	60 17 00	32 34 00	33 15 00	61 42 00	62 22 00	61 24 00	61 56 00	60 27 00	62 58 00
62.67	61.40	62.58	60.28	32.57	33.25	61.70	62.37	61.40	61.93	60.45	62.97
0.53	0.53	0.53	0.54	0.53	0.52	0.53	0.51	0.51	0.51	0.51	0.55
01 05 00	01 23 00	00 18 00	00 21 00	00 09 00	00 05 00	00 06 00	00 14 00	01 28 00	00 20 00	00 32 00	00 14 00
1.08	1.38	0.30	0.35	0.15	0.08	0.10	0.23	1.47	0.33	0.53	0.23
0.47	0.47	0.47	0.48	0.48	0.46	0.47	0.46	0.46	0.44	0.47	0.48
0.66	0.66	0.67	0.72	0.73	0.71	0.70	0.72	0.71	0.68	0.73	0.69
61 01 00	61 01 00	62 42 00	61 59 00	29 43 00	62 56 00	62 31 00	62 44 00	62 32 00	62 44 00	62 32 00	62 58 00
61.02	61.02	62.70	61.98	29.72	62.93	62.52	62.73	62.53	62.73	62.53	62.97
0.81	0.80	0.80	0.85	0.85	0.83	0.83	0.84	0.84	0.83	0.84	0.83
00 06 00	00 36 00	00 17 00	00 06 00	00 15 00	00 34 00	00 04 00	00 18 00	00 03 00	00 20 00	00 45 00	00 19 00
0.10	0.60	0.28	0.10	0.25	0.57	0.07	0.30	0.05	0.33	0.75	0.32
0.72	0.71	0.71	0.76	0.77	0.75	0.75	0.76	0.76	0.74	0.77	0.74
0.50	0.50	0.52	0.50	0.50	0.49	0.49	0.48	0.48	0.47	0.48	0.50
58 25 00	61 24 00	60 18 00	56 58 00	29 57 00	24 52 00	61 42 00	14 17 00	61 51 00	46 21 00	60 30 00	29 09 00
58.42	61.40	60.30	56.97	29.95	24.87	61.70	14.28	61.85	46.35	60.50	29.15
0.56	0.57	0.57	0.56	0.55	0.53	0.56	0.52	0.53	0.52	0.55	0.57
01 05 00	07 03 00	05 00 00	11 33 00	00 43 00	00 05 00	06 53 00	00 28 00	21 03 00	00 20 00	05 20 00	02 04 00
1.08	7.05	5.00	11.55	0.72	0.08	6.88	0.47	21.05	0.33	5.33	2.07
0.53	0.53	0.54	0.53	0.52	0.51	0.53	0.50	0.51	0.49	0.51	0.52
0.76	0.76	0.79	0.80	0.81	0.79	0.81	0.79	0.80	0.77	0.80	0.78

59 19 00	62 24 00	60 18 00	60 59 00	29 57 00	50 14 00	29 09 00	60 54 00	61 51 00	62 58 00	32 07 00	59 13 00
59.32	62.40	60.30	60.98	29.95	50.23	29.15	60.90	61.85	62.97	32.12	59.22
0.85	0.84	0.87	0.88	0.87	0.85	0.88	0.86	0.87	0.85	0.88	0.87
02 14 00	07 03 00	01 41 00	17 30 00	00 33 00	00 25 00	20 25 00	03 13 00	06 02 00	01 34 00	05 20 00	02 04 00
2.23	7.05	1.68	17.50	0.55	0.42	20.42	3.22	6.03	1.57	5.33	2.07
0.81	0.80	0.83	0.84	0.84	0.82	0.84	0.83	0.84	0.81	0.84	0.82
62	62	63	62	63	64	61	64	62	62	62	64
62 22 00	61 30 00	30 21 00	61 39 00	41 31 00	39 10 00	62 52 00	28 50 00	54 56 00	32 57 00	58 31 00	33 01 00
62.37	61.50	30.35	61.65	41.52	39.17	62.87	28.83	54.93	32.95	58.52	33.02
73	70	73	72	73	74	71	73	73	73	72	72
00 40 00	00 13 00	01 48 00	00 27 00	00 54 00	01 37 00	00 39 00	00 39 00	02 14 00	01 10 00	00 06 00	00 43 00
0.67	0.22	1.80	0.45	0.90	1.62	0.65	0.65	2.23	1.17	0.10	0.72
65	64	67	66	67	67	65	67	66	66	66	67
0	0	-1	-1	-1	-2	-1	-1	0	0	-1	-3
00 08 00	00 08 00	00 08 00	01 32 00	01 31 00	62 32 00	01 22 00	00 27 00	00 06 00	00 20 00	00 53 00	19 48 00
0.13	0.13	0.13	1.53	1.52	62.53	1.37	0.45	0.10	0.33	0.88	19.80
-6	-6	-6	-7	-7	-6	-6	-3	-2	-3	-4	-8
60 02 00	60 02 00	17 55 00	60 49 00	24 45 00	06 46 00	28 17 00	63 04 00	62 43 00	53 45 00	59 04 00	60 57 00
60.03	60.03	17.92	60.82	24.75	6.77	28.28	63.07	62.72	53.75	59.07	60.95
-4	-4	-4	-4	-5	-4	-4	-2	-1	-1	-3	-5
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 05 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.05	0.05	0.07
3	3	3	3	3	3	5	8	3	3	4	7
25 27 00	30 43 00	30 43 00	01 30 00	01 29 00	01 29 00	01 23 00	63 00 00	01 34 00	08 34 00	00 16 00	20 17 00
25.45	30.72	30.72	1.50	1.48	1.48	1.38	63.00	1.57	8.57	0.27	20.28
0	0	0	0	0	0	0	0	0	0	0	0
7	7	5	6	1	1	6	1	6	1	4	2
55 47 00	55 50 00	55 50 00	40 42 00	37 08 00	44 24 00	36 50 00	60 37 00	60 14 00	24 58 00	57 49 00	42 35 00
55.78	55.83	55.83	40.70	37.13	44.40	36.83	60.62	60.23	24.97	57.82	42.58
27	28	23	12	9	13	12	7	11	7	12	8
48 55 00	48 55 00	34 42 00	50 44 00	51 34 00	21 47 00	31 24 00	02 16 00	31 35 00	45 41 00	03 17 00	23 02 00
48.92	48.92	34.70	50.73	51.57	21.78	31.40	2.27	31.58	45.68	3.28	23.03
12	12	11	8	4	4	8	3	8	4	7	4
0	0	0	0	0	0	0	1	0	0	0	2
0	0	0	0	0	0	0	103	104	104	102	0

1064	1064	2026	2026	2025	2027	2032	2034	2034	2035	2020	2020
62:58	62:58	74:06	74:06	74:06	74:06	74:06	74:06	74:06	74:06	74:05	74:05
63	63	74	74	74	74	74	74	74	74	74	74
NIST	NADC	NIST	NADC	NIST	NADC	NADC	NIST	NADC	NIST	NIST	NADC
1	2	1	2	1	2	2	1	2	1	1	2
JVC	JVC	S1X	S1X	S1X	S1X	S2X	S2X	S2X	S2X	KODAK	KODAK
4	4	1	1	1	1	2	2	2	2	3	3
2	2	2	2	2	2	2	2	2	2	2	2
48	49	50	51	52	53	54	55	56	57	58	59
44.9	44.6	45.0	44.6	44.9	44.5	44.6	44.9	44.7	44.9	45	44.6
49.7	49.7	49.6	49.6	49.6	49.6	49.7	49.8	49.7	49.7	49.7	49.7
114.9	114.9	115.7	115.6	115.7	115.7	115.7	115.8	115.7	115.7	115.7	115.7
1.37	1.39	1.18	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.19	1.2
1.63	1.61	1.63	1.61	1.61	1.61	1.61	1.61	1.61	1.60	1.62	1.6
23	18	32	33	28	30	23	20	30	30	25	27
0.073	0.053	0.079	0.073	0.082	0.076	0.076	0.076	0.073	0.076	0.076	0.070
0.078	0.072	0.087	0.085	0.088	0.085	0.084	0.083	0.082	0.082	0.082	0.082
0.075	0.060	0.084	0.080	0.085	0.082	0.081	0.080	0.078	0.079	0.079	0.077
25	2	17	17	16	17	19	19	19	20	15	15
30	26	19	19	19	18	21	22	20	22	18	17
26	7	18	18	17	18	20	20	20	21	16	16
0.10	-0.13	0.08	-0.03	0.09	-0.05	-0.08	0.08	-0.05	0.09	0.08	-0.06
0.24	0.43	0.23	0.22	0.20	0.12	0.11	0.21	0.16	0.19	0.18	0.22
0.14	0.09	0.13	0.05	0.13	0.02	-0.01	0.13	0.03	0.12	0.11	0.03
-0.5	-2.5	-0.5	-0.1	-0.4	-0.2	-0.2	-0.4	-0.2	-0.4	-0.4	-0.1
0.0	4.6	0.0	0.3	0.0	0.2	0.2	0.0	0.2	0.1	0.1	0.3
-0.3	0.7	-0.2	0.1	-0.2	0.0	0.0	-0.2	0.0	-0.2	-0.2	0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 08 00	00 07 00	00 03 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
0.13	0.12	0.05	0.05	0.05	0.83	0.05	0.05	0.05	0.05	0.05	0.05
18	18	28	25	31	24	17	19	19	23	18	18
08 34 00	19 44 00	20 06 00	17 39 00	30 55 00	24 19 00	06 58 00	07 50 00	31 25 00	07 50 00	09 47 00	07 53 00
8.57	19.73	20.10	17.65	30.92	24.32	6.97	7.83	31.42	7.83	9.78	7.88
0	1	4	3	5	3	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 08 00	00 07 00	00 03 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
0.13	0.12	0.05	0.05	0.05	0.83	0.05	0.05	0.05	0.05	0.05	0.05
13	14	23	22	27	18	12	10	13	8	12	11
19 44 00	19 44 00	61 00 00	22 07 00	30 55 00	28 44 00	30 04 00	00 26 00	39 23 00	04 24 00	46 42 00	46 41 00
19.73	19.73	61.00	22.12	30.92	28.73	30.07	0.43	39.38	4.40	46.70	46.68
0	0	3	2	4	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.07	0.07	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05
7	8	9	7	6	7	7	11	7	6	7	9
42 18 00	32 10 00	05 52 00	05 00 00	20 00 00	06 48 00	37 12 00	31 26 00	19 55 00	09 52 00	09 50 00	09 50 00
42.30	32.17	5.87	5.00	20.00	6.80	37.20	31.43	19.92	9.87	9.83	9.83
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 05 00	00 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.08	0.07	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05
15	14	19	16	17	17	15	15	14	19	14	15
08 34 00	24 06 00	14 16 00	14 13 00	24 17 00	24 19 00	06 58 00	24 12 00	16 10 00	04 08 00	24 17 00	24 16 00
8.57	24.10	14.27	14.22	24.28	24.32	6.97	24.20	16.17	4.13	24.28	24.27
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 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.08	0.07	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.07
136	141	225	229	196	210	196	175	189	267	203	223
54 22 00	56 45 00	14 16 00	14 15 00	24 17 00	24 18 00	24 13 00	24 11 00	30 59 00	04 08 00	24 17 00	24 16 00
54.37	56.75	14.27	14.25	24.28	24.30	24.22	24.18	30.98	4.13	24.28	24.27
0	3	3	5	4	7	2	1	2	1	1	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 04 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
0	25	0	1	6	26	0	0	0	0	11	11
00 00 00	24 29 00	00 00 00	20 44 00	52 21 00	54 54 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00
0.00	24.48	0.00	20.73	52.35	54.90	0.00	0.00	0.00	0.00	74.08	74.08
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
0	0	0	0	0	0	0	0	0	0	103	103
00 00 00	00 00 00	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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	74.08
0	0	0	0	0	0	0	0	0	0	0	0
0.44	0.43	0.31	0.31	0.31	0.31	0.31	0.31	0.29	0.31	0.28	0.28
60 28 00	60 15 00	73 51 00	35 46 00	14 02 00	42 46 00	22 25 00	59 41 00	05 59 00	70 15 00	70 56 00	30 52 00
60.47	60.25	73.85	35.77	14.03	42.77	22.42	59.68	5.98	70.25	70.93	30.87
0.54	0.53	0.36	0.35	0.35	0.35	0.34	0.34	0.35	0.34	0.31	0.32
00 28 00	00 48 00	74 05 00	01 16 00	74 06 00	65 57 00	74 05 00	46 43 00	74 05 00	20 53 00	46 26 00	00 20 00
0.47	0.80	74.08	1.27	74.10	65.95	74.08	46.72	74.08	20.88	46.43	0.33
0.48	0.46	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.30	0.30
0.70	0.68	0.65	0.65	0.64	0.66	0.67	0.67	0.67	0.67	0.67	0.65
62 32 00	62 58 00	33 21 00	32 52 00	32 37 00	32 39 00	74 04 00	30 44 00	73 32 00	34 57 00	14 08 00	73 27 00
62.53	62.97	33.35	32.87	32.62	32.65	74.07	30.73	73.53	34.95	14.13	73.45
0.83	0.82	0.69	0.69	0.69	0.71	0.72	0.72	0.72	0.71	0.70	0.70
00 28 00	01 19 00	55 12 00	01 18 00	52 20 00	67 59 00	74 05 00	65 05 00	67 13 00	53 26 00	48 51 00	01 31 00
0.47	1.32	55.20	1.30	52.33	67.98	74.08	65.08	67.22	53.43	48.85	1.52
0.75	0.73	0.67	0.67	0.67	0.68	0.70	0.69	0.70	0.69	0.68	0.68
0.50	0.48	0.35	0.36	0.34	0.35	0.35	0.35	0.34	0.35	0.31	0.32
60 28 00	28 59 00	72 00 00	01 15 00	68 36 00	42 46 00	72 26 00	65 24 00	05 59 00	73 40 00	73 10 00	69 35 00
60.47	28.98	72.00	1.25	68.60	42.77	72.43	65.40	5.98	73.67	73.17	69.58
0.56	0.54	0.41	0.39	0.40	0.39	0.39	0.40	0.40	0.40	0.36	0.36
22 31 00	09 16 00	74 05 00	51 33 00	25 10 00	58 20 00	09 19 00	37 43 00	48 44 00	26 22 00	46 26 00	00 20 00
22.52	9.27	74.08	51.55	25.17	58.33	9.32	37.72	48.73	26.37	46.43	0.33
0.53	0.50	0.38	0.37	0.38	0.37	0.37	0.38	0.38	0.38	0.34	0.34
0.77	0.75	0.72	0.72	0.72	0.73	0.73	0.75	0.76	0.76	0.74	0.73

62 03 00	28 59 00	74 00 00	71 15 00	71 59 00	00 20 00	72 26 00	66 51 00	72 59 00	72 30 00	70 28 00	69 45 00
62.05	28.98	74.00	71.25	71.98	0.33	72.43	66.85	72.98	72.50	70.47	69.75
0.85	0.83	0.81	0.81	0.80	0.80	0.84	0.83	0.85	0.83	0.82	0.80
19 55 00	09 16 00	57 47 00	57 50 00	62 26 00	25 01 00	50 43 00	69 52 00	48 44 00	26 22 00	22 16 00	25 41 00
19.92	9.27	57.78	57.83	62.43	25.02	50.72	69.87	48.73	26.37	22.27	25.68
0.81	0.79	0.78	0.77	0.77	0.77	0.80	0.80	0.80	0.80	0.78	0.77
62	65	60	61	61	62	62	60	60	60	61	62
48 07 00	59 26 00	07 03 00	34 01 00	38 50 00	25 01 00	32 16 00	36 14 00	19 06 00	35 02 00	22 16 00	25 18 00
48.12	59.43	7.05	34.02	38.83	25.02	32.27	36.23	19.10	35.03	22.27	25.30
72	74	67	67	67	68	68	67	67	66	67	67
00 50 00	01 30 00	66 08 00	04 41 00	69 11 00	72 37 00	58 27 00	73 12 00	58 59 00	74 05 00	73 10 00	04 29 00
0.83	1.50	66.13	4.68	69.18	72.62	58.45	73.20	58.98	74.08	73.17	4.48
66	68	63	64	63	65	64	63	63	63	63	64
0	0	-5	-5	-3	-5	-4	-3	-4	-3	0	0
00 46 00	00 31 00	00 15 00	00 31 00	02 29 00	01 42 00	00 30 00	00 13 00	01 07 00	00 54 00	00 15 00	13 15 00
0.77	0.52	0.25	0.52	2.48	1.70	0.50	0.22	1.12	0.90	0.25	13.25
-8	-7	-10	-11	-9	-10	-11	-10	-10	-10	1	-2
62 47 00	62 44 00	71 47 00	23 32 00	34 36 00	23 39 00	69 46 00	55 10 00	57 01 00	29 22 00	05 38 00	72 59 00
62.78	62.73	71.78	23.53	34.60	23.65	69.77	55.17	57.02	29.37	5.63	72.98
-4	-4	-8	-9	-7	-7	-8	-8	-8	-8	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 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
3	3	3	4	3	4	3	3	3	3	3	5
08 34 00	06 40 00	01 15 00	40 54 00	01 15 00	50 32 00	01 09 00	01 30 00	01 09 00	01 09 00	00 30 00	00 23 00
8.57	6.67	1.25	40.90	1.25	50.53	1.15	1.50	1.15	1.15	0.50	0.38
0	0	0	0	0	0	0	0	0	0	0	0
5	2	19	1	8	2	2	8	2	8	5	2
56 48 00	57 31 00	06 16 00	68 16 00	52 19 03	60 47 00	72 08 00	21 34 03	67 07 00	03 39 00	64 17 00	65 20 00
56.80	57.52	6.27	68.27	52.32	60.78	72.13	21.57	67.12	3.65	64.28	65.33
12	11	43	34	44	30	18	28	21	23	23	18
31 35 00	05 16 00	46 41 00	72 14 00	33 14 00	73 47 00	74 04 00	15 36 00	15 40 00	15 43 00	15 46 00	15 51 00
31.58	5.27	46.68	72.23	33.23	73.78	74.07	15.60	15.67	15.72	15.77	15.85
8	5	32	7	31	8	6	15	8	12	8	5
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	103	163

2023	1017	1017	1018	1018	1018	1019	1019	1019	1013	1013	1013
74:05	63:01	63:01	63:01	63:01	63:00:03	63:01	63:01	63:01	63:01	63:01	63:00:03
74	63	63	63	63	63	63	63	63	63	63	63
NADC	NIST	NIST	NIST	NIST	NTIS	NIST	NIST	NADC	NIST	NIST	NTIS
2	1	1	1	1	3	1	1	2	1	1	3
KODAK	S1X	S1X	S1X	S1X	S1X	S1X	S1X	S1X	S2X	S2X	S2X
3	1	1	1	1	1	1	1	1	2	2	2
	Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.	
2	3	3	3	3	3	3	3	3	3	3	3
60	61	62	63	64	65	66	67	68	69	70	71
44.6	45.1	45.2	45.2	45.1	44.8	45	44.9	44.8	45.1	45.1	44.8
49.7	49.6	49.6	49.7	49.6	49.8	49.6	49.6	49.7	49.8	49.7	50.0
115.7	114.9	114.9	114.9	114.9	115.0	114.9	114.9	114.9	115.0	115.0	115.1
1.2	1.38	1.39	1.37	1.38	1.38	1.39	1.38	1.39	1.38	1.38	1.38
1.61	1.62	1.61	1.63	1.62	1.60	1.61	1.62	1.60	1.62	1.62	1.63
28	13	11	16	16	21	17	16	13	13	14	18
0.071	0.072	0.072	0.072	0.073		0.076	0.074	0.069	0.070	0.071	
0.081	0.079	0.078	0.078	0.080		0.082	0.079	0.078	0.081	0.082	
0.077	0.076	0.075	0.076	0.077	0.076	0.080	0.078	0.075	0.073	0.075	0.071
15	22	22	21	21		21	21	21	25	24	
17	24	24	24	24		23	23	24	27	29	
16	23	23	23	23	23	21	22	22	26	26	28
-0.03	0.10	0.10	0.10	0.10	-0.12	0.10	0.09	-0.05	0.10	0.09	-0.10
0.20	0.28	0.27	0.27	0.25	-0.01	0.24	0.24	0.08	0.26	0.26	-0.02
0.04	0.16	0.15	0.15	0.14		0.14	0.14	0.01	0.15	0.15	
-0.1	-0.3	-0.3	-0.4	-0.3	0.0	-0.5	-0.4	-0.3	-0.4	-0.4	0.0
0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.1
0.1	-0.2	-0.2	-0.2	-0.2		-0.2	-0.2	0.0	-0.2	-0.2	
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 19 00	00 04 00	00 04 00		00 03 00	00 03 00	00 04 00	00 10 00	00 10 00	
0.05	0.05	0.32	0.07	0.07		0.05	0.05	0.07	0.17	0.17	
24	32	19	21	21	21	21	21	21	25	23	21
64 30 00	17 52 00	07 39 00	04 27 00	04 27 00	04 14 00	01 31 00	05 23 00	11 09 00	04 13 00	04 13 00	04 13 00
64.50	17.87	7.65	4.45	4.45	4.23	1.52	5.38	11.15	4.22	4.22	4.22
1	1	0	0	0	3	1	1	1	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 19 00	00 04 00	00 04 00		00 03 00	00 03 00	00 04 00	00 10 00	00 10 00	
0.05	0.05	0.32	0.07	0.07		0.05	0.05	0.07	0.17	0.17	
9	20	13	17	17	18	17	18	18	15	15	15
00 29 00	17 35 00	00 25 00	04 27 00	04 27 00	04 14 00	05 01 00	05 01 00	11 09 00	04 22 00	04 22 00	04 21 00
0.48	17.58	0.42	4.45	4.45	4.23	5.02	5.02	11.15	4.37	4.37	4.35
0	0	0	0	0	2	0	0	0	0	0	2
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 05 00	00 05 00	
0.05	0.05	0.07	0.05	0.05		0.05	0.05	0.05	0.08	0.08	
6	9	8	7	6	10	8	8	8	7	7	9
04 08 00	10 47 00	41 47 00	34 36 00	01 37 00	01 36 00	47 11 00	13 27 00	47 11 00	48 54 00	48 54 00	02 41 74
4.13	10.78	41.78	34.60	1.62	1.60	47.18	13.45	47.18	48.90	48.90	2.68
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 04 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	
0.05	0.05	0.07	0.05	0.05		0.05	0.05	0.05	0.05	0.08	
23	16	12	15	16	11	21	21	14	18	19	16
64 30 00	17 54 00	02 42 00	01 37 00	03 05 00	11 55 00	01 31 00	05 23 00	03 06 00	04 13 00	04 14 00	04 13 00
64.50	17.90	2.70	1.62	3.08	11.92	1.52	5.38	3.10	4.22	4.23	4.22
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 04 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00	00 05 00	
0.05	0.05	0.07	0.05	0.05		0.05	0.05	0.05	0.05	0.08	
367	128	151	113	113	47	234	247	118	208	236	124
64 21 00	17 52 00	02 42 00	01 37 00	03 05 00	47 40 00	05 23 00	05 23 00	03 06 00	04 14 00	04 14 00	04 13 00
64.35	17.87	2.70	1.62	3.08	47.67	5.38	5.38	3.10	4.23	4.23	4.22
9	1	0	0	0	0	1	1	3	1	1	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 05 00	
0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.08	
17	0	0	0	0	4	7	7	7	0	114	13
64 30 00	00 00 00	00 00 00	00 00 00	00 00 00	31 05 00	07 45 00	07 45 00	07 45 00	00 00 00	00 03 00	00 16 00
64.50	0.00	0.00	0.00	0.00	31.08	7.75	7.75	7.75	0.00	0.05	0.27
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 05 00	
0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.08	
103	0	0	0	0		0	0	0	0	1069	
74 05 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 03 00	00 00 00
74.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.29	0.47	0.46	0.48	0.47	0.49	0.46	0.45	0.45	0.46	0.46	0.49
24 17 00	25 00 00	18 42 00	26 50 00	22 44 00		56 42 00	30 17 00	28 59 00	20 52 00	62 45 00	
24.28	25.00	18.70	26.83	22.73		56.70	30.28	28.98	20.87	62.75	
0.33	0.52	0.50	0.52	0.51	0.57	0.50	0.50	0.50	0.50	0.50	0.55
70 31 00	63 00 00	63 01 00	51 31 00	47 41 00	00 03 00	04 54 00	43 00 00	55 59 00	45 35 00	63 01 00	29 53 00
70.52	63.00	63.02	51.52	47.68	0.05	4.90	43.00	55.98	45.58	63.02	29.88
0.31	0.50	0.48	0.50	0.49	0.54	0.48	0.48	0.47	0.48	0.48	0.53
0.67	0.72	0.74	0.72	0.73	0.74	0.70	0.69	0.69	0.72	0.73	0.75
65 27 00	24 03 00	25 28 00	27 37 00	25 31 00		24 34 00	24 34 00	24 34 00	25 32 00	29 19 00	
65.45	24.05	25.47	27.62	25.52		24.57	24.57	24.57	25.53	29.32	
0.71	0.78	0.79	0.78	0.79	0.80	0.76	0.75	0.76	0.77	0.78	0.80
65 43 00	51 47 00	51 18 00	51 14 00	52 52 00	24 47 74	53 01 00	53 16 00	55 22 00	02 11 00	53 17 00	62 42 00
65.72	51.78	51.30	51.23	52.87	24.78	53.02	53.27	55.37	2.18	53.28	62.70
0.69	0.75	0.77	0.75	0.76	0.77	0.73	0.72	0.73	0.75	0.76	0.77
0.33	0.49	0.50	0.51	0.51	0.54	0.50	0.50	0.52	0.50	0.50	0.55
08 37 00	53 38 00	00 24 00	02 35 00	56 42 00		53 47 00	61 20 00	22 56 00	61 03 00	02 43 00	
8.62	53.63	0.40	2.58	56.70		53.78	61.33	22.93	61.05	2.72	
0.37	0.56	0.55	0.56	0.55	0.62	0.55	0.55	0.57	0.55	0.57	0.61
70 31 00	17 57 00	49 43 00	60 26 00	24 36 00	00 03 00	45 44 00	27 36 00	58 03 00	03 54 00	47 25 00	58 41 00
70.52	17.95	49.72	60.43	24.60	0.05	45.73	27.60	58.05	3.90	47.42	58.68
0.35	0.54	0.53	0.54	0.53	0.59	0.53	0.53	0.54	0.53	0.53	0.59
0.75	0.75	0.81	0.79	0.79	0.82	0.77	0.77	0.79	0.79	0.80	0.81

18 51 00	53 38 00	53 40 00	25 32 00	55 16 00		53 47 00	02 03 00	24 34 00	61 03 00	02 43 00	
18.85	53.63	53.67	25.53	55.27		53.78	2.05	24.57	61.05	2.72	
0.81	0.85	0.86	0.85	0.86	0.87	0.84	0.84	0.87	0.87	0.88	0.89
00 39 00	43 05 00	11 34 00	60 26 00	59 40 00	54 32 00	17 47 00	27 36 00	43 18 00	49 16 00	47 25 00	55 59 00
0.65	43.08	11.57	60.43	59.67	54.53	17.78	27.60	43.30	49.27	47.42	55.98
0.79	0.81	0.84	0.81	0.82	0.84	0.81	0.80	0.84	0.83	0.84	0.86
62	64	65	64	65	73	64	62	66	63	63	72
15 32 00	25 18 00	27 30 00	17 34 00	24 36 00		30 35 00	27 36 00	19 08 00	26 59 00	47 25 00	
15.53	25.30	27.50	17.57	24.60		30.58	27.60	19.13	26.98	47.42	
67	74	71	70	71	79	70	68	71	68	69	78
61 40 00	53 38 00	53 40 00	02 06 00	55 16 00	19 37 00	53 47 00	02 03 00	53 33 00	37 35 00	53 23 00	09 14 00
61.67	53.63	53.67	2.10	55.27	19.62	53.78	2.05	53.55	37.58	53.38	9.23
64	67	67	67	68	76	66	65	68	65	66	75
0	-2	-1	-2	-2	-1	-1	-1	-2	-2	-2	-3
02 27 00	00 52 00	01 09 00	02 06 00	00 57 00		01 30 00	03 59 00	03 06 00	00 25 00	01 30 00	
2.45	0.87	1.15	2.10	0.95		1.50	3.98	3.10	0.42	1.50	
-2	-9	-7	-8	-8	-7	-8	-8	-8	-7	-7	-7
27 24 00	60 00 00	62 54 00	60 57 00	60 36 00	58 18 00	62 04 00	62 04 00	62 04 00	62 54 00	62 54 00	30 28 00
27.40	60.00	62.90	60.95	60.60	58.30	62.07	62.07	62.07	62.90	62.90	30.47
-1	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
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 04 00	00 03 00	00 04 00	00 04 00	
0.05	0.05	0.07	0.05	0.05		0.05	0.07	0.05	0.07	0.07	
5	4	3	3	3	6	3	5	3	5	3	7
63 46 00	17 49 00	13 23 00	17 50 00	15 55 00	31 05 00	01 30 00	00 03 00	03 06 00	00 03 00	02 43 00	00 16 00
63.77	17.82	13.38	17.83	15.92	31.08	1.50	0.05	3.10	0.05	2.72	0.27
0	0	0	0	0	0	0	0	0	0	0	0
2	7	7	7	7	8	14	14	13	7	6	7
65 16 00	19 17 00	20 20 00	20 29 00	25 08 00		06 36 00	06 36 00	02 11 00	03 06 00	18 32 00	
65.27	19.28	20.33	20.48	25.13		6.60	6.60	2.18	3.10	18.53	
18	48	31	37	37	36	53	51	50	31	31	32
15 36 00	53 50 00	54 15 00	54 17 00	53 45 00	53 46 00	53 54 00	53 25 00	53 43 00	54 12 00	54 13 00	54 07 00
15.60	53.83	54.25	54.28	53.75	53.77	53.90	53.42	53.72	54.20	54.22	54.12
5	17	13	15	15	15	27	27	25	13	13	14
0	0	0	0	0	0	0	0	0	0	0	1
103	0	0	0	0	0	0	0	0	0	1259	0

1015	1015	1007	1007	1020	1022	2018	2018	2033	2033	3053	3065
63:01	63:01	63:00	63:00	63:00	63:00	62:58	62:58	62:58	62:58	74:06	74:06
63	63	63	63	63	63	63	63	63	63	74	74
NIST	NIST	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC
1	1	1	2	1	2	1	2	1	2	1	2
S2X	S2X	KODAK	KODAK	KODAK	KODAK	JVC	JVC	JVC	JVC	S1X	S1X
2	2	3	3	3	3	4	4	4	4	1	1
Al. Cal.	CD-R Cal.										
3	3	3	3	3	3	3	3	3	3	3	3
72	73	74	75	76	77	78	79	80	81	82	83
45.1	45.2	45.0	44.6	45.3	44.6	45	44.6	45	44.6	44.9	44.6
49.8	49.8	49.6	49.7	49.7	49.7	49.7	49.6	49.7	49.7	49.6	49.6
115.0	115.0	114.9	114.9	114.9	114.9	114.9	114.9	114.9	115	115.7	115.7
1.39	1.38	1.39	1.39	1.37	1.39	1.39	1.39	1.39	1.39	1.19	1.20
1.60	1.62	1.61	1.60	1.63	1.61	1.6	1.61	1.6	1.6	1.62	1.61
16	13	9	16	15	11	17	0	16	24	25	23
0.070	0.069	0.070	0.070	0.071	0.066	0.073	0.071	0.073	0.072	0.077	0.075
0.074	0.074	0.077	0.077	0.075	0.073	0.078	0.078	0.078	0.078	0.083	0.083
0.072	0.072	0.073	0.075	0.074	0.070	0.076	0.076	0.075	0.076	0.080	0.080
25	24	19	19	19	18	25	25	25	25	18	19
26	28	23	21	24	20	29	27	30	27	21	20
25	26	20	19	21	19	26	26	26	26	19	19
0.11	0.10	0.09	-0.07	0.09	-0.06	0.10	-0.08	0.10	-0.09	0.09	-0.09
0.28	0.28	0.26	0.06	0.26	0.08	0.26	0.03	0.24	0.02	0.26	0.05
0.16	0.15	0.14	0.00	0.14	0.00	0.15	-0.03	0.14	-0.03	0.15	-0.01
-0.3	-0.4	-0.5	-0.2	-0.4	-0.2	-0.5	-0.2	-0.5	-0.2	-0.4	-0.2
-0.1	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.1
-0.2	-0.2	-0.3	0.0	-0.2	0.0	-0.3	0.0	-0.3	0.0	-0.2	0.0
0	0	0	0	0	0	0	0	0	0	0	0
00 19 00	00 19 00	00 05 00	00 04 00	00 03 00	00 21 00	00 03 00	00 04 00	00 03 00	00 09 00	00 04 00	00 10 00
0.32	0.32	0.08	0.07	0.05	0.35	0.05	0.07	0.05	0.15	0.07	0.17
17	19	24	23	19	19	22	22	23	23	22	25
00 13 00	07 39 00	01 46 00	01 45 00	07 47 00	03 02 00	53 20 00	52 54 00	15 10 00	15 09 00	25 36 00	03 00 00
0.22	7.65	1.77	1.75	7.78	3.03	53.33	52.90	15.17	15.15	25.60	3.00
0	0	0	0	0	0	0	1	1	2	2	3
0	0	0	0	0	0	0	0	0	0	0	0
00 19 00	00 19 00	00 05 00	00 04 00	00 03 00	00 21 00	00 03 00	00 04 00	00 03 00	00 08 00	00 04 00	00 10 00
0.32	0.32	0.08	0.07	0.05	0.35	0.05	0.07	0.05	0.13	0.07	0.17
13	13	13	12	13	16	13	14	18	14	16	15
00 13 00	00 25 00	04 45 00	11 07 00	04 18 00	03 46 00	11 08 00	11 07 00	19 27 00	19 26 00	20 59 00	22 09 00
0.22	0.42	4.75	11.12	4.30	3.77	11.13	11.12	19.45	19.43	20.98	22.15
0	0	0	0	0	0	0	0	0	1	1	2
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.07	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	8	8	8	9	8	7	9	9	10	8	7
41 47 00	41 47 00	19 32 00	27 40 00	19 32 00	34 33 00	00 49 00	17 16 00	06 20 00	06 19 00	20 57 00	03 01 00
41.78	41.78	19.53	27.67	19.53	34.55	0.82	17.27	6.33	6.32	20.95	3.02
0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
00 05 00	00 04 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 09 00	00 03 00	00 09 00
0.08	0.07	0.05	0.07	0.05	0.05	0.05	0.07	0.05	0.15	0.05	0.15
10	12	20	18	14	12	20	18	12	17	13	16
02 42 00	02 42 00	03 05 00	01 44 00	31 43 00	03 02 00	53 11 00	52 54 00	18 25 00	03 48 00	16 07 00	16 06 00
2.70	2.70	3.08	1.73	31.72	3.03	53.18	52.90	18.42	3.80	16.12	16.10
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 04 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 09 00	00 03 00	00 09 00
0.08	0.07	0.05	0.07	0.05	0.05	0.05	0.07	0.05	0.15	0.05	0.15
95	151	189	154	168	148	307	325	98	200	145	179
02 42 00	02 42 00	03 05 00	03 04 00	31 42 00	03 02 00	53 11 00	52 54 00	54 48 00	03 48 00	72 25 00	20 21 00
2.70	2.70	3.08	3.07	31.70	3.03	53.18	52.90	54.80	3.80	72.42	20.35
0	0	0	2	1	1	3	5	3	9	3	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
9	0	10	13	11	10	24	24	0	26	5	14
07 39 00	00 00 00	63 00 00	05 14 00	63 00 00	63 00 00	53 07 00	53 07 00	00 00 00	09 16 00	28 46 00	55 31 00
7.65	0.00	63.00	5.23	63.00	63.00	53.12	53.12	0.00	9.27	28.77	55.52
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	101	103	0	0	0	0	0	0
00 00 00	00 00 00	63 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	63.00	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
0.47	0.46	0.43	0.43	0.43	0.43	0.45	0.46	0.46	0.45	0.32	0.34
19 24 00	18 42 00	23 42 00	20 36 00	56 33 00	25 33 00	61 43 00	17 10 00	61 24 00	25 30 00	59 52 00	47 44 00
19.40	18.70	23.70	20.60	56.55	25.55	61.72	17.17	61.40	25.50	59.87	47.73
0.51	0.50	0.47	0.48	0.48	0.49	0.50	0.51	0.51	0.51	0.38	0.38
63 01 00	63 01 00	55 33 00	53 02 00	51 30 00	59 02 00	53 49 00	53 17 00	01 15 00	57 20 00	28 47 00	00 44 00
63.02	63.02	55.55	53.03	51.50	59.03	53.82	53.28	1.25	57.33	28.78	0.73
0.49	0.48	0.45	0.45	0.46	0.46	0.48	0.48	0.49	0.48	0.35	0.36
0.75	0.74	0.72	0.73	0.74	0.74	0.71	0.72	0.71	0.72	0.68	0.70
30 07 00	25 28 00	25 45 00	28 30 00	20 52 00	26 14 00	27 34 00	26 50 00	28 44 00	24 54 00	25 53 00	26 14 00
30.12	25.47	25.75	28.50	20.87	26.23	27.57	26.83	28.73	24.90	25.88	26.23
0.80	0.79	0.77	0.79	0.79	0.80	0.77	0.78	0.76	0.78	0.73	0.76
50 47 00	51 18 00	54 54 00	59 47 00	52 37 00	54 20 00	04 51 00	54 01 00	04 47 00	55 09 00	00 27 00	63 28 00
50.78	51.30	54.90	59.78	52.62	54.33	4.85	54.02	4.78	55.15	0.45	63.47
0.77	0.77	0.75	0.76	0.77	0.77	0.74	0.75	0.74	0.75	0.71	0.73
0.51	0.50	0.48	0.48	0.46	0.48	0.50	0.50	0.50	0.50	0.33	0.34
51 28 00	00 24 00	56 47 00	23 49 00	56 33 00	33 18 00	61 14 00	53 20 00	61 24 00	25 30 00	68 59 00	47 44 00
51.47	0.40	56.78	23.82	56.55	33.30	61.23	53.33	61.40	25.50	68.98	47.73
0.56	0.55	0.52	0.52	0.52	0.52	0.55	0.54	0.55	0.55	0.40	0.39
34 16 00	49 43 00	10 06 00	21 22 00	17 09 00	59 02 00	62 23 00	03 34 00	05 10 00	60 04 00	28 47 00	00 44 00
34.27	49.72	10.10	21.37	17.15	59.03	62.38	3.57	5.17	60.07	28.78	0.73
0.53	0.53	0.50	0.50	0.50	0.50	0.53	0.52	0.53	0.52	0.37	0.37
0.80	0.81	0.80	0.81	0.80	0.81	0.77	0.78	0.78	0.78	0.70	0.71

51 28 00	53 40 00	55 35 00	06 08 00	15 27 00	33 18 00	62 24 00	01 08 00	60 13 00	02 55 00	68 59 00	26 26 00
51.47	53.67	55.58	6.13	15.45	33.30	62.40	1.13	60.22	2.92	68.98	26.43
0.88	0.86	0.86	0.87	0.86	0.87	0.84	0.84	0.84	0.84	0.78	0.77
34 16 00	11 34 00	10 06 00	47 49 00	17 09 00	50 33 00	62 23 00	32 21 00	05 10 00	40 56 00	10 17 00	62 54 00
34.27	11.57	10.10	47.82	17.15	50.55	62.38	32.35	5.17	40.93	10.28	62.90
0.84	0.84	0.83	0.83	0.84	0.84	0.81	0.81	0.81	0.81	0.75	0.75
63	65	62	63	64	65	64	65	64	65	66	69
34 16 00	27 30 00	27 21 00	21 22 00	17 09 00	33 47 00	30 15 00	26 14 00	28 44 00	17 42 00	30 31 00	12 45 00
34.27	27.50	27.35	21.37	17.15	33.78	30.25	26.23	28.73	17.70	30.52	12.75
70	71	69	70	69	70	70	71	70	71	72	74
51 28 00	53 40 00	55 35 00	56 27 00	57 01 00	57 25 00	58 02 00	53 45 00	01 32 00	57 52 00	57 00 00	67 44 00
51.47	53.67	55.58	56.45	57.02	57.42	58.03	53.75	1.53	57.87	57.00	67.73
67	67	65	67	66	67	67	68	66	68	69	71
-1	-1	0	0	0	0	0	-2	-2	-3	0	0
01 09 00	01 09 00	19 09 00	35 30 00	38 04 00	63 00 00	00 05 00	00 03 00	00 04 00	00 10 00	66 19 00	66 21 00
1.15	1.15	19.15	35.50	38.07	63.00	0.08	0.05	0.07	0.17	66.32	66.35
-7	-7	-2	-2	-3	2	-8	-7	-9	-9	-7	-6
62 54 00	62 54 00	62 59 00	03 54 00	60 56 00	36 02 00	62 28 00	62 47 00	61 55 00	62 24 00	50 23 00	30 11 00
62.90	62.90	62.98	3.90	60.93	36.03	62.47	62.78	61.92	62.40	50.38	30.18
-5	-5	-1	-1	-1	1	-4	-5	-5	-5	-4	-3
0	0	0	0	0	0	0	0	0	0	0	0
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 07 00	00 03 00	00 09 00
0.08	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.12	0.05	0.15
3	3	3	3	4	5	6	6	17	4	5	8
00 04 00	13 23 00	01 46 00	01 45 00	00 10 00	63 09 00	53 08 00	53 07 00	00 49 00	08 48 00	00 47 00	00 03 00
0.07	13.38	1.77	1.75	0.17	63.15	53.13	53.12	0.82	8.80	0.78	0.05
0	0	0	0	0	0	0	0	0	0	0	0
5	7	6	2	6	2	4	1	5	1	13	3
10 48 03	20 20 00	22 06 00	42 27 00	26 49 00	28 29 00	25 46 00	21 52 00	32 58 00	37 22 00	05 06 00	69 07 00
10.80	20.33	22.10	42.45	26.82	28.48	25.77	21.87	32.97	37.37	5.10	69.12
32	31	31	26	30	29	33	27	31	26	37	25
54 13 00	54 15 00	54 16 00	53 50 00	54 13 00	53 50 00	57 57 00	57 24 00	57 49 00	57 20 00	61 17 00	60 24 00
54.22	54.25	54.27	53.83	54.22	53.83	57.95	57.40	57.82	57.33	61.28	60.40
13	13	12	5	12	5	11	5	11	5	26	7
0	0	0	0	0	0	0	0	1	0	0	1
0	0	103	103	101	103	0	0	0	0	0	0

3070	3066	3069	3069	3098	3041	3042	3042	3057	1119	1119	1119
											Funny
74:06	74:06	74:06	74:06	74:06	74:05	74:05	74:05	74:06	63:06	63:06	63:05
74	74	74	74	74	74	74	74	74	63	63	63
NADC	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NIST	NIST	NTIS
2	2	1	2	1	2	1	2	1	1	1	3
S1X	S2X	S2X	S2X	S2X	KODAK	KODAK	KODAK	KODAK	S1X	S1X	S1X
1	2	2	2	2	3	3	3	3	1	1	1
									Al. Cal.	CD-R Cal.	
3	3	3	3	3	3	3	3	3	4	4	4
84	85	86	87	88	89	90	91	92	93	94	95
44.7	44.5	45.0	44.6	45.0	44.6	44.9	44.6	44.9	45.2	45.2	44.7
49.6	49.7	49.8	49.7	49.7	49.6	49.7	49.7	49.6	49.8	49.7	49.9
115.7	115.8	115.8	115.7	115.7	115.7	115.7	115.7	115.7	115.3	115.3	115.5
1.20	1.20	1.20	1.20	1.20	1.2	1.2	1.2	1.19	1.39	1.39	1.39
1.60	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.62	1.62	1.62	1.62
16	21	20	29	22	25	29	23	21	12	16	23
0.072	0.068	0.070	0.068	0.070	0.070	0.071	0.069	0.075	0.096	0.097	
0.080	0.075	0.077	0.075	0.077	0.076	0.075	0.076	0.081	0.114	0.112	
0.077	0.072	0.074	0.073	0.074	0.074	0.073	0.073	0.078	0.104	0.105	0.106
19	20	20	20	20	18	18	18	18	23	23	
20	22	23	21	22	19	20	19	22	25	25	
20	21	21	21	21	18	19	18	20	24	24	23
-0.07	-0.08	0.10	-0.06	0.09	-0.07	0.09	-0.06	0.09	0.12	0.10	-0.04
0.09	0.04	0.24	0.06	0.24	0.08	0.22	0.05	0.26	0.33	0.30	0.04
0.00	-0.01	0.14	0.00	0.14	0.00	0.14	-0.02	0.15	0.18	0.18	
-0.2	-0.2	-0.4	-0.2	-0.4	-0.2	-0.4	-0.2	-0.5	-0.2	-0.2	-0.1
0.2	0.1	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	-0.2	0.0	-0.2	0.0	-0.2	0.0	-0.2	-0.1	-0.1	
0	0	0	0	0	0	0	0	0	0	0	8
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	01 31 00	03 16 00	
0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	1.52	3.27	
27	24	17	18	20	19	16	16	22	31	26	105
35 09 00	11 34 00	20 53 00	20 52 00	16 02 00	52 19 00	16 06 00	08 04 00	35 14 00	20 04 00	10 41 00	05 37 00
35.15	11.57	20.88	20.87	16.03	52.32	16.10	8.07	35.23	20.07	10.68	5.62
3	0	0	0	0	1	0	1	1	5	5	31
0	0	0	0	0	0	0	0	0	0	0	7
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	01 31 00	03 16 00	
0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	1.52	3.27	
14	11	10	12	14	16	12	12	14	29	22	96
22 08 00	02 20 00	10 52 00	16 23 00	21 35 00	16 22 00	54 54 00	24 27 00	11 43 00	20 04 00	10 41 00	05 37 00
22.13	2.33	10.87	16.38	21.58	16.37	54.90	24.45	11.72	20.07	10.68	5.62
2	0	0	0	0	0	0	0	1	5	5	29
0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 04 00	
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	
8	8	8	6	8	9	8	8	8	7	6	9
20 58 00	36 46 00	09 44 00	06 32 00	05 02 00	18 28 00	35 26 00	35 27 00	21 18 00	00 03 00	19 28 00	55 07 00
20.97	36.77	9.73	6.53	5.03	18.47	35.43	35.45	21.30	0.05	19.47	55.12
0	0	0	0	0	0	0	0	0	0	0	1

0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 04 00	
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	
19	16	14	12	16	17	15	16	15	18	17	13
63 22 00	06 28 00	08 01 00	16 01 00	23 35 00	20 59 00	20 21 00	20 20 00	34 39 00	25 37 00	25 37 00	25 36 00
63.37	6.47	8.02	16.02	23.58	20.98	20.35	20.33	34.65	25.62	25.62	25.60
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 04 00	00 04 00	
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	
221	204	140	144	248	243	208	199	207	222	207	83
34 39 00	06 28 00	72 21 00	20 16 00	23 35 00	20 59 00	52 13 00	20 20 00	34 39 00	25 37 00	25 41 00	06 01 00
34.65	6.47	72.35	20.27	23.58	20.98	52.22	20.33	34.65	25.62	25.68	6.02
9	2	1	1	2	4	1	3	3	2	2	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	
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
23	0	0	0	0	10	10	9	7	0	0	15
63 35 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	74 05 00	35 11 00	00 00 00	00 00 00	02 47 00
63.58	0.00	0.00	0.00	0.00	74.08	74.08	74.08	35.18	0.00	0.00	2.78
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	
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	103	103	103	0	0	0	
00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	74 05 00	74 05 00	74 05 00	00 00 00	00 00 00	00 00 00	00 00 00
0.00	0.00	0.00	0.00	0.00	74.08	74.08	74.08	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.34	0.34	0.33	0.34	0.33	0.30	0.30	0.30	0.34	0.46	0.46	0.51
25 22 00	18 06 00	70 30 00	21 16 00	31 20 00	18 25 00	62 30 00	73 34 00	66 54 00	14 09 00	09 22 00	
25.37	18.10	70.50	21.27	31.33	18.42	62.50	73.57	66.90	14.15	9.37	
0.39	0.38	0.37	0.38	0.37	0.34	0.34	0.34	0.37	0.52	0.51	0.58
59 18 00	01 18 00	73 22 00	67 35 00	74 06 00	73 17 00	06 04 00	01 14 00	12 02 00	61 52 00	60 22 00	14 53 00
59.30	1.30	73.37	67.58	74.10	73.28	6.07	1.23	12.03	61.87	60.37	14.88
0.37	0.36	0.35	0.36	0.35	0.32	0.32	0.33	0.36	0.49	0.49	0.55
0.70	0.74	0.73	0.74	0.73	0.72	0.71	0.72	0.69	0.67	0.67	0.71
21 49 00	21 30 00	26 09 00	21 16 00	26 09 00	23 00 00	19 24 00	73 34 00	35 34 00	17 41 00	15 02 00	
21.82	21.50	26.15	21.27	26.15	23.00	19.40	73.57	35.57	17.68	15.03	
0.75	0.80	0.78	0.79	0.79	0.76	0.76	0.77	0.74	0.74	0.74	0.79
62 56 00	67 35 00	59 25 00	67 35 00	74 06 00	01 18 00	00 12 00	00 12 00	58 20 00	01 49 00	00 06 00	15 41 00
62.93	67.58	59.42	67.58	74.10	1.30	0.20	0.20	58.33	1.82	0.10	15.68
0.73	0.76	0.76	0.77	0.76	0.74	0.73	0.74	0.72	0.71	0.71	0.75
0.36	0.35	0.34	0.36	0.35	0.33	0.32	0.31	0.35	0.46	0.47	0.52
25 22 00	72 32 00	70 30 00	21 16 00	63 32 00	18 25 00	67 50 00	73 34 00	74 05 00	14 09 00	13 06 00	
25.37	72.53	70.50	21.27	63.53	18.42	67.83	73.57	74.08	14.15	13.10	
0.40	0.39	0.39	0.41	0.39	0.36	0.36	0.36	0.40	0.54	0.54	0.61
01 30 00	01 18 00	05 38 00	15 46 00	18 16 00	46 24 00	08 56 00	08 53 00	23 54 00	58 05 00	51 48 00	07 52 00
1.50	1.30	5.63	15.77	18.27	46.40	8.93	8.88	23.90	58.08	51.80	7.87
0.38	0.37	0.37	0.38	0.37	0.34	0.34	0.34	0.37	0.50	0.50	0.58
0.73	0.76	0.76	0.78	0.76	0.76	0.75	0.75	0.72	0.68	0.68	0.74

20 09 00	24 39 00	58 35 00	70 09 00	22 47 00	73 59 00	52 55 00	33 56 00	35 54 00	12 30 00	15 59 00	
20.15	24.65	58.58	70.15	22.78	73.98	52.92	33.93	35.90	12.50	15.98	
0.79	0.83	0.83	0.86	0.83	0.82	0.82	0.80	0.78	0.76	0.77	0.83
05 14 00	60 43 00	05 38 00	15 46 00	36 56 00	41 39 00	39 24 00	08 53 00	43 39 00	58 05 00	53 06 00	12 37 00
5.23	60.72	5.63	15.77	36.93	41.65	39.40	8.88	43.65	58.08	53.10	12.62
0.76	0.79	0.80	0.81	0.80	0.79	0.78	0.77	0.75	0.73	0.73	0.78
68	68	67	65	65	66	65	67	66	68	69	77
27 59 00	26 24 00	05 38 00	15 46 00	36 56 00	26 09 00	39 24 00	23 12 00	28 43 00	60 46 00	38 44 00	
27.98	26.40	5.63	15.77	36.93	26.15	39.40	23.20	28.72	60.77	38.73	
72	74	72	73	72	72	71	73	72	74	75	83
67 13 00	69 03 00	58 35 00	66 29 00	68 00 00	69 19 00	00 10 00	66 40 00	61 07 00	05 20 00	22 25 00	60 14 00
67.22	69.05	58.58	66.48	68.00	69.32	0.17	66.67	61.12	5.33	22.42	60.23
70	71	69	70	69	69	68	70	69	71	71	80
-3	0	0	0	-1	0	0	0	-2	-1	0	0
00 09 00	72 32 00	73 33 00	73 45 00	00 55 00	01 55 00	30 59 00	01 26 00	05 47 00	04 55 00	06 52 00	
0.15	72.53	73.55	73.75	0.92	1.92	30.98	1.43	5.78	4.92	6.87	
-9	-7	-6	-7	-7	1	2	1	-8	-9	-9	-7
34 21 00	29 03 00	25 17 00	25 51 00	48 52 00	00 30 00	00 07 00	00 30 00	34 58 00	58 34 00	56 38 00	59 26 00
34.35	29.05	25.28	25.85	48.87	0.50	0.12	0.50	34.97	58.57	56.63	59.43
-6	-5	-4	-4	-5	0	1	0	-5	-5	-5	-4
0	0	0	0	0	0	0	0	0	0	0	
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 04 00	
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	
8	3	3	3	5	4	4	9	4	4	3	6
00 23 00	05 31 00	08 01 00	12 04 00	01 41 00	20 59 00	52 08 00	00 06 00	30 27 00	25 38 00	00 03 00	02 47 00
0.38	5.52	8.02	12.07	1.68	20.98	52.13	0.10	30.45	25.63	0.05	2.78
0	0	0	0	0	0	0	0	0	0	0	1
0	2	7	0	8	1	6	2	8	12	12	11
65 30 00	31 52 00	22 44 03	24 19 00	08 49 00	56 44 00	21 50 00	53 05 00	72 02 00	51 52 00	51 05 00	
65.50	31.87	22.73	24.32	8.82	56.73	21.83	53.08	72.03	51.87	51.08	
27	21	18	12	19	9	18	9	34	31	29	42
59 39 00	73 42 00	22 33 00	73 53 00	69 53 00	73 19 00	72 55 00	73 22 00	38 59 00	14 12 00	13 17 00	06 41 00
59.65	73.70	22.55	73.88	69.88	73.32	72.92	73.37	38.98	14.20	13.28	6.68
4	8	12	3	12	4	8	4	15	19	19	16
1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	103	103	103	0	0	0	0

1064	1064	1050	1050	1050	1015	1015	1015	1001	1001	1118	1118
63:06	63:06	63:06	63:06	63:06	63:06	63:06	63:05	63:06	63:06	63:06	63:06
63	63	63	63	63	63	63	63	63	63	63	63
NIST	NIST	NIST	NIST	NADC	NIST	NIST	NTIS	NIST	NIST	NIST	NIST
1	1	1	1	2	1	1	3	1	1	1	1
S1X	S1X	S1X	S1X	S1X	S2X	S2X	S2X	S2X	S2X	S2X	S2X
1	1	1	1	1	2	2	2	2	2	2	2
Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.
4	4	4	4	4	4	4	4	4	4	4	4
96	97	98	99	100	101	102	103	104	105	106	107
45.2	45.0	44.9	45	44.9	45.1	45.1	44.7	45.2	45.1	45	44.9
49.8	49.7	49.7	49.7	49.8	49.9	49.9	50.0	49.9	49.8	49.9	49.9
115.3	115.3	115.3	115.3	115.3	115.4	115.4	115.6	115.3	115.4	115.4	115.4
1.39	1.39	1.39	1.4	1.39	1.40	1.39	1.39	1.40	1.39	1.39	1.4
1.62	1.62	1.62	1.61	1.62	1.60	1.62	1.63	1.60	1.62	1.62	1.61
14	9	11	11	14	9	12	23	8	12	14	17
0.094	0.096	0.095	0.092	0.092	0.091	0.091		0.091	0.090	0.094	0.092
0.105	0.108	0.110	0.110	0.106	0.103	0.105		0.104	0.102	0.107	0.104
0.101	0.104	0.104	0.101	0.098	0.099	0.099	0.098	0.099	0.098	0.102	0.100
23	23	22	22	23	24	23		23	23	23	23
25	25	26	25	25	27	28		28	27	26	26
24	24	23	23	24	25	25	24	25	25	24	24
0.13	0.11	0.11	0.11	-0.03	0.11	0.10	-0.06	0.10	0.10	0.11	0.09
0.33	0.32	0.28	0.29	0.15	0.30	0.30	0.02	0.33	0.31	0.27	0.26
0.19	0.18	0.16	0.17	0.05	0.17	0.17		0.18	0.17	0.16	0.15
-0.3	-0.2	-0.2	-0.3	-0.2	-0.3	-0.2	-0.1	-0.3	-0.3	-0.2	-0.2
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1
-0.2	-0.1	-0.1	-0.1	0.0	-0.1	-0.1		-0.2	-0.2	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
07 05 00	22 26 00	24 15 00	36 42 00	49 13 00	00 03 00	00 03 00		00 03 00	00 03 00	00 04 00	00 04 00
7.08	22.43	24.25	36.70	49.22	0.05	0.05		0.05	0.05	0.07	0.07
27	30	99	99	107	16	17	30	29	30	29	32
11 29 00	11 29 00	21 30 00	21 30 00	21 30 00	09 59 00	09 59 00	14 30 00	19 05 00	19 05 00	16 06 00	16 06 00
11.48	11.48	21.50	21.50	21.50	9.98	9.98	14.50	19.08	19.08	16.10	16.10
7	7	15	15	15	1	1	4	1	1	4	4
0	0	0	0	0	0	0	0	0	0	0	0
07 05 00	22 26 00	24 15 00	35 01 00	49 13 00	00 03 00	00 03 00		00 03 00	00 03 00	00 04 00	00 04 00
7.08	22.43	24.25	35.02	49.22	0.05	0.05		0.05	0.05	0.07	0.07
26	28	49	55	56	14	13	30	14	14	24	21
16 01 00	15 17 00	21 19 00	21 15 00	21 15 00	45 35 00	45 35 00	14 30 00	00 11 00	00 11 00	26 00 00	09 35 00
16.02	15.28	21.32	21.25	21.25	45.58	45.58	14.50	0.18	0.18	26.00	9.58
6	7	11	11	12	1	1	4	1	1	3	3
0	0	0	0	0	0	0		0	0	0	0
00 03 00	00 03 00	00 09 00	00 14 00	00 08 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.15	0.23	0.13	0.05	0.05		0.05	0.05	0.05	0.05
7	8	19	20	16	5	5	6	10	12	10	9
47 11 00	47 11 00	21 31 00	21 32 00	21 32 00	09 57 00	38 53 00	09 59 00	05 33 00	05 33 00	03 29 00	07 21 00
47.18	47.18	21.52	21.53	21.53	9.95	38.88	9.98	5.55	5.55	3.48	7.35
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 14 00	00 15 00	00 14 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.23	0.25	0.23	0.05	0.05		0.05	0.05	0.05	0.05
17	14	57	61	62	14	13	12	19	17	18	17
00 17 00	00 17 00	21 33 00	21 33 00	21 33 00	09 58 00	09 58 00	09 58 00	19 05 00	19 05 00	09 10 00	09 10 00
0.28	0.28	21.55	21.55	21.55	9.97	9.97	9.97	19.08	19.08	9.17	9.17
0	0	2	2	2	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 14 00	00 15 00	00 14 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.23	0.25	0.23	0.05	0.05		0.05	0.05	0.05	0.05
172	153	383	464	468	101	115	51	235	227	203	183
52 59 00	52 57 00	21 20 00	21 21 00	21 20 00	38 03 00	09 59 00	09 58 00	19 05 00	19 05 00	09 10 00	09 10 00
52.98	52.95	21.33	21.35	21.33	38.05	9.98	9.97	19.08	19.08	9.17	9.17
1	1	19	19	20	0	0	0	1	1	3	3
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
0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05
0	0	112	129	133	0	0	18	0	0	11	10
00 00 00	00 00 00	21 33 00	21 33 00	21 33 00	00 00 00	00 00 00	25 35 00	00 00 00	00 00 00	08 09 00	08 09 00
0.00	0.00	21.55	21.55	21.55	0.00	0.00	25.58	0.00	0.00	8.15	8.15
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
0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05
0	0	37	46	66	0	0		0	0	0	0
00 00 00	00 00 00	21 33 00	21 33 00	21 33 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00
0.00	0.00	21.55	21.55	21.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.45	0.45	0.46	0.46	0.45	0.48	0.47	0.52	0.47	0.46	0.47	0.48
17 41 00	15 18 00	17 11 00	16 46 00	16 28 00	15 52 00	16 12 00		16 19 00	16 19 00	18 01 00	16 28 00
17.68	15.30	17.18	16.77	16.47	15.87	16.20		16.32	16.32	18.02	16.47
0.51	0.51	0.52	0.53	0.51	0.53	0.52	0.58	0.52	0.51	0.53	0.52
46 07 00	30 28 00	46 30 00	63 06 00	00 30 00	63 06 00	63 06 00	59 53 00	63 06 00	23 06 00	63 06 00	63 06 00
46.12	30.47	46.50	63.10	0.50	63.10	63.10	59.88	63.10	23.10	63.10	63.10
0.49	0.49	0.50	0.50	0.49	0.50	0.50	0.56	0.50	0.49	0.50	0.50
0.66	0.67	0.68	0.67	0.67	0.71	0.71	0.75	0.69	0.69	0.71	0.71
16 36 00	17 33 00	16 17 00	16 17 00	16 21 00	16 34 00	16 19 00		16 35 00	16 19 00	16 38 00	16 49 00
16.60	17.55	16.28	16.28	16.35	16.57	16.32		16.58	16.32	16.63	16.82
0.74	0.74	0.74	0.73	0.75	0.77	0.77	0.81	0.77	0.76	0.77	0.76
24 35 00	02 06 00	01 11 00	01 21 00	24 11 00	00 51 00	01 57 00	16 21 00	02 46 00	00 40 00	22 56 00	24 33 00
24.58	2.10	1.18	1.35	24.18	0.85	1.95	16.35	2.77	0.67	22.93	24.55
0.71	0.71	0.72	0.71	0.73	0.75	0.75	0.78	0.74	0.73	0.75	0.75
0.46	0.45	0.47	0.48	0.47	0.48	0.48	0.54	0.48	0.48	0.49	0.49
10 35 00	15 13 00	17 02 00	09 52 00	12 51 00	15 41 00	13 40 00		16 19 00	16 19 00	07 17 00	24 20 00
10.58	15.22	17.03	9.87	12.85	15.68	13.67		16.32	16.32	7.28	24.33
0.53	0.53	0.54	0.54	0.55	0.54	0.54	0.60	0.54	0.54	0.55	0.55
49 44 00	57 33 00	61 16 00	63 06 00	59 33 00	55 20 00	63 06 00	08 16 00	63 06 00	62 47 00	63 06 00	46 26 00
49.73	57.55	61.27	63.10	59.55	55.33	63.10	8.27	63.10	62.78	63.10	46.43
0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.58	0.51	0.51	0.51	0.52
0.67	0.66	0.69	0.68	0.71	0.71	0.72	0.76	0.71	0.72	0.74	0.72

10 35 00	15 13 00	12 49 00	12 28 00	10 45 00	12 10 00	14 11 00		16 19 00	16 19 00	17 44 00	14 59 00
10.58	15.22	12.82	12.47	10.75	12.17	14.18		16.32	16.32	17.73	14.98
0.76	0.76	0.77	0.76	0.81	0.80	0.81	0.84	0.79	0.79	0.81	0.82
49 44 00	52 45 00	35 43 00	45 20 00	62 25 00	55 20 00	50 28 00	08 16 00	44 18 00	22 34 00	38 12 00	46 26 00
49.73	52.75	35.72	45.33	62.42	55.33	50.47	8.27	44.30	22.57	38.20	46.43
0.72	0.73	0.74	0.73	0.76	0.76	0.76	0.80	0.76	0.76	0.77	0.77
68	69	69	68	70	68	68	77	68	68	68	67
49 44 00	55 38 00	35 43 00	62 37 00	62 25 00	55 20 00	50 28 00		11 59 00	47 24 00	38 12 00	50 55 00
49.73	55.63	35.72	62.62	62.42	55.33	50.47		11.98	47.40	38.20	50.92
75	75	75	74	77	75	75	84	73	74	74	74
25 35 00	06 12 00	06 25 00	10 33 00	27 03 00	25 04 00	13 54 00	47 33 00	05 45 00	11 16 00	21 32 00	24 20 00
25.58	6.20	6.42	10.55	27.05	25.07	13.90	47.55	5.75	11.27	21.53	24.33
71	72	71	71	74	71	72	80	70	71	71	70
0	0	-1	-1	-1	-3	-3	-3	-3	-3	-1	-1
17 57 00	17 38 00	18 50 00	15 07 00	18 50 00	07 02 00	16 50 00		46 23 00	46 23 00	23 18 00	18 07 00
17.95	17.63	18.83	15.12	18.83	7.03	16.83		46.38	46.38	23.30	18.12
-7	-7	-8	-8	-8	-7	-7	-6	-7	-7	-6	-6
54 16 00	54 16 00	53 53 00	53 53 00	53 53 00	62 53 00	62 01 00	61 23 00	62 53 00	12 20 00	30 27 00	33 36 00
54.27	54.27	53.88	53.88	53.88	62.88	62.02	61.38	62.88	12.33	30.45	33.60
-4	-4	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 14 00	00 15 00	00 14 00	00 03 00	00 04 00		00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.23	0.25	0.23	0.05	0.07		0.05	0.05	0.05	0.05
4	4	6	6	7	3	5	9	3	3	3	3
52 03 00	52 03 00	21 31 00	21 27 00	21 32 00	09 59 00	00 03 00	25 35 00	09 52 00	09 53 00	02 00 00	02 17 00
52.05	52.05	21.52	21.45	21.53	9.98	0.05	25.58	9.87	9.88	2.00	2.28
0	0	0	0	0	0	0	0	0	0	0	0
10	8	14	10	9	5	5	5	6	6	5	6
00 37 03	37 46 03	23 50 03	03 44 03	36 10 03	53 29 00	31 52 00		59 52 00	51 41 00	05 12 03	32 34 00
0.62	37.77	23.83	3.73	36.17	53.48	31.87		59.87	51.68	5.20	32.57
28	30	34	37	34	11	12	30	13	12	14	13
12 58 00	12 40 00	11 21 00	42 48 00	11 17 00	05 54 00	05 50 00	25 35 00	15 31 00	03 28 00	41 38 00	05 41 00
12.97	12.67	11.35	42.80	11.28	5.90	5.83	25.58	15.52	3.47	41.63	5.68
21	21	23	26	22	8	7	8	8	8	9	9
0	0	0	0	1	0	0	1	0	0	0	0
0	0	86	84	146	0	0	0	0	0	0	0

1118	1034	1068	1068	1066	1044	1044	1046	2064	2064	2085	2094
	Aborted:										
63:06	63:05	63:05	63:05	63:05	63:04	63:04	63:04	74:06	74:06	74:06	74:06
63	63	63	63	63	63	63	63	74	74	74	74
NADC	NIST	NIST	NADC	NADC	NIST	NADC	NADC	NIST	NADC	NIST	NADC
2	1	1	2	2	1	2	2	1	2	1	2
S2X	KODAK	KODAK	KODAK	KODAK	JVC	JVC	JVC	S1X	S1X	S1X	S1X
2	3	3	3	3	4	4	4	1	1	1	1
4	4	4	4	4	4	4	4	4	4	4	4
108	109	110	111	112	113	114	115	116	117	118	119
44.9	44.9	44.9	44.6	44.6	44.9	44.6	44.7	45.0	44.5	44.9	44.6
49.9	49.8	49.8	49.8	49.8	49.8	49.7	49.9	49.8	49.8	49.7	49.7
115.4	115.4	115.4	115.3	115.3	115.3	115.3	115.3	115.7	115.6	115.6	115.7
1.39	1.40	1.38	1.40	1.40	1.39	1.4	1.4	1.20	1.20	1.19	1.20
1.62	1.61	1.63	1.60	1.61	1.62	1.6	1.6	1.61	1.60	1.62	1.61
19	10	9	14	15	10	20	18	15	22	18	22
0.091	0.090	0.090	0.095	0.090	0.095	0.094	0.096	0.090	0.094	0.089	0.091
0.105	0.103	0.103	0.106	0.100	0.106	0.108	0.107	0.102	0.103	0.102	0.102
0.097	0.098	0.098	0.101	0.096	0.103	0.102	0.102	0.098	0.100	0.098	0.098
23	22	22	22	22	25	24	25	23	22	23	23
26	26	24	24	24	28	27	27	24	24	24	24
25	23	23	23	23	27	26	26	23	23	24	24
-0.05	0.11	0.12	-0.18	-0.19	0.12	-0.19	-0.17	0.10	-0.14	0.10	-0.11
0.15	0.27	0.30	0.06	0.04	0.28	0.02	0.04	0.28	0.08	0.23	0.07
0.03	0.16	0.18	-0.04	-0.05	0.17	-0.08	-0.05	0.16	-0.02	0.14	-0.01
-0.4	-0.2	-0.3	-0.4	-0.5	-0.2	-0.3	-0.3	-0.2	-0.3	-0.2	-0.2
0.2	0.1	0.0	0.2	0.1	0.0	0.2	0.2	0.0	0.2	0.0	0.2
-0.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0
0	0	0	0	0	0	0	0	0	2	0	0
00 04 00	00 09 00	00 09 00	00 08 00	00 07 00	04 13 00	07 29 00	00 24 00	08 35 00	17 24 00	30 16 00	09 10 00
0.07	0.15	0.15	0.13	0.12	4.22	7.48	0.40	8.58	17.40	30.27	9.17
27	1078	18	27	27	35	49	33	32	95	55	50
01 22 00	60 18 00	12 35 00	05 20 00	48 21 00	00 04 00	61 14 00	41 45 00	03 28 00	70 39 00	00 32 00	70 39 00
1.37	60.30	12.58	5.33	48.35	0.07	61.23	41.75	3.47	70.65	0.53	70.65
4	1	2	3	3	3	9	7	5	25	9	15
0	0	0	0	0	0	0	0	0	2	0	0
00 04 00	00 09 00	00 09 00	00 08 00	00 07 00	04 13 00	07 29 00	00 24 00	08 35 00	17 24 00	30 16 00	09 10 00
0.07	0.15	0.15	0.13	0.12	4.22	7.48	0.40	8.58	17.40	30.27	9.17
18	14	18	18	18	33	38	29	32	77	55	50
09 35 01	40 38 00	58 14 00	52 02 00	22 24 00	00 04 00	00 03 00	41 45 00	03 28 00	70 39 00	00 32 00	70 39 00
9.58	40.63	58.23	52.03	22.40	0.07	0.05	41.75	3.47	70.65	0.53	70.65
3	1	2	3	2	2	6	5	5	21	8	14
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 08 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.13	0.05	0.05	0.05	0.05	0.05
7	11	7	6	10	7	8	8	8	8	7	8
00 18 00	60 18 00	46 56 00	05 06 00	48 21 00	55 01 00	57 01 00	36 44 00	39 51 00	39 51 00	00 54 00	11 03 00
0.30	60.30	46.93	5.10	48.35	55.02	57.02	36.73	39.85	39.85	0.90	11.05
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 09 00	00 03 00	00 04 00	00 05 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.15	0.05	0.07	0.08	0.05	0.05	0.07
16	1064	7	21	15	22	31	15	12	29	16	25
06 47 00	60 18 00	59 11 00	05 28 00	56 46 00	04 06 00	55 56 00	19 49 00	59 29 00	70 07 00	20 04 00	00 12 00
6.78	60.30	59.18	5.47	56.77	4.10	55.93	19.82	59.48	70.12	20.07	0.20
0	0	0	0	0	0	2	1	0	3	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 09 00	00 03 00	00 04 00	00 05 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.15	0.05	0.07	0.08	0.05	0.05	0.07
186	178	69	265	196	309	416	150	185	356	198	220
09 11 00	35 07 00	59 29 00	05 22 00	56 46 00	04 06 00	61 07 00	57 49 00	73 51 00	69 52 00	20 04 00	00 12 00
9.18	35.12	59.48	5.37	56.77	4.10	61.12	57.82	73.85	69.87	20.07	0.20
4	1	0	6	2	5	25	13	2	38	2	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 03 00	00 03 00	00 03 00	00 03 00	00 05 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	0.08	0.05	0.05	0.05
2	18	0	13	10	23	43	37	53	75	0	26
35 00 00	12 36 00	00 00 00	42 22 00	63 05 00	55 57 00	61 14 00	27 57 00	00 03 00	69 57 00	00 00 00	53 59 00
35.00	12.60	0.00	42.37	63.08	55.95	61.23	27.95	0.05	69.95	0.00	53.98
0	0	0	0	0	0	0	0	0	2	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 05 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	0.08	0.05	0.05	0.05
0	1082	0	102	102	103	103	103	505	32	0	0
00 00 00	60 18 00	00 00 00	63 05 00	63 05 00	63 04 00	63 04 00	63 04 00	00 03 00	71 05 00	00 00 00	00 00 00
0.00	60.30	0.00	63.08	63.08	63.07	63.07	63.07	0.05	71.08	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.45	0.26	0.46	0.44	0.45	0.47	0.45	0.45	0.34	0.32	0.34	0.31
14 49 00	60 18 00	17 03 00	13 51 00	17 25 00	15 07 00	16 22 00	16 23 00	21 13 00	74 06 00	70 11 00	74 06 00
14.82	60.30	17.05	13.85	17.42	15.12	16.37	16.38	21.22	74.10	70.18	74.10
0.50	0.51	0.51	0.50	0.51	0.52	0.51	0.50	0.39	0.38	0.38	0.39
00 16 00	43 35 00	37 20 00	56 33 00	58 15 00	56 04 00	00 30 00	56 33 00	00 45 00	00 34 00	00 13 00	00 04 00
0.27	43.58	37.33	56.55	58.25	56.07	0.50	56.55	0.75	0.57	0.22	0.07
0.48	0.49	0.49	0.47	0.48	0.50	0.48	0.48	0.36	0.35	0.36	0.36
0.70	0.50	0.70	0.71	0.71	0.67	0.68	0.68	0.71	0.73	0.72	0.72
16 38 00	60 18 00	17 46 00	16 15 00	16 22 00	15 07 00	17 01 00	17 04 00	73 54 00	73 53 00	73 58 00	73 50 00
16.63	60.30	17.77	16.25	16.37	15.12	17.02	17.07	73.90	73.88	73.97	73.83
0.76	0.77	0.76	0.79	0.79	0.74	0.74	0.74	0.77	0.79	0.77	0.79
56 03 00	00 51 00	44 44 00	46 01 00	48 46 00	00 51 00	01 22 00	43 46 00	00 49 00	00 12 00	00 41 00	01 02 00
56.05	0.85	44.73	46.02	48.77	0.85	1.37	43.77	0.82	0.20	0.68	1.03
0.74	0.75	0.74	0.76	0.76	0.71	0.72	0.72	0.73	0.76	0.74	0.76
0.48	0.27	0.47	0.45	0.45	0.48	0.46	0.46	0.35	0.33	0.35	0.33
14 49 00	60 18 00	15 35 00	12 12 00	13 51 00	15 41 00	16 22 00	16 15 00	05 57 00	74 06 00	10 14 00	74 06 00
14.82	60.30	15.58	12.20	13.85	15.68	16.37	16.25	5.95	74.10	10.23	74.10
0.55	0.52	0.53	0.51	0.52	0.53	0.52	0.52	0.40	0.39	0.40	0.39
51 23 00	54 08 00	62 29 00	56 33 00	58 15 00	46 35 00	59 22 00	56 32 00	57 53 00	67 58 00	45 04 00	66 12 00
51.38	54.13	62.48	56.55	58.25	46.58	59.37	56.53	57.88	67.97	45.07	66.20
0.51	0.49	0.50	0.48	0.49	0.51	0.49	0.49	0.37	0.36	0.37	0.37
0.75	0.52	0.71	0.72	0.72	0.69	0.69	0.69	0.72	0.73	0.74	0.73

10 09 00	60 18 00	15 35 00	15 46 00	13 51 00	20 06 00	11 21 00	11 54 00	14 59 00	18 24 00	23 36 00	36 30 00
10.15	60.30	15.58	15.77	13.85	20.10	11.35	11.90	14.98	18.40	23.60	36.50
0.85	0.79	0.80	0.81	0.82	0.75	0.77	0.77	0.79	0.82	0.81	0.82
51 23 00	55 34 00	51 11 00	55 52 00	54 46 00	44 31 00	51 16 00	52 48 00	49 25 00	67 58 00	45 04 00	63 50 00
51.38	55.57	51.18	55.87	54.77	44.52	51.27	52.80	49.42	67.97	45.07	63.83
0.79	0.76	0.76	0.76	0.77	0.72	0.73	0.73	0.76	0.78	0.77	0.78
69	69	68	69	69	69	69	69	67	67	66	67
51 23 00	43 22 00	51 11 00	55 52 00	15 37 00	42 18 00	51 16 00	55 12 00	72 40 00	67 58 00	45 04 00	73 01 00
51.38	43.37	51.18	55.87	15.62	42.30	51.27	55.20	72.67	67.97	45.07	73.02
76	74	74	76	76	75	76	75	73	75	74	76
21 41 00	02 58 00	22 57 00	02 54 00	07 53 00	25 33 00	02 32 00	04 56 00	00 47 00	00 35 00	00 29 00	36 30 00
21.68	2.97	22.95	2.90	7.88	25.55	2.53	4.93	0.78	0.58	0.48	36.50
73	71	71	72	73	71	72	72	70	71	70	71
-2	0	-1	-1	0	0	0	0	-1	-3	-3	-5
23 18 00	00 52 00	42 37 00	47 45 00	46 50 00	00 09 00	00 04 00	00 06 00	04 41 00	05 57 00	06 29 00	03 44 00
23.30	0.87	42.62	47.75	46.83	0.15	0.07	0.10	4.68	5.95	6.48	3.73
-6	5	-3	-3	-2	-9	-9	-9	-10	-10	-11	-12
04 19 00	60 18 00	09 48 00	07 43 00	11 47 00	62 58 00	62 59 00	63 01 00	66 56 00	67 15 00	69 30 00	66 43 00
4.32	60.30	9.80	7.72	11.78	62.97	62.98	63.02	66.93	67.25	69.50	66.72
-5	0	-2	-2	-1	-6	-7	-6	-6	-7	-7	-8
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 13 00	00 03 00	00 05 00	00 05 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.22	0.05	0.08	0.08	0.05	0.05	0.05
3	162	5	6	8	5	7	4	5	8	3	4
02 17 00	60 18 00	00 48 00	00 33 00	63 05 00	04 58 00	60 58 00	19 49 00	00 06 00	58 26 00	17 08 00	14 39 00
2.28	60.30	0.80	0.55	63.08	4.97	60.97	19.82	0.10	58.43	17.13	14.65
0	0	0	0	0	0	0	0	0	1	0	0
5	6	7	2	2	6	3	3	13	2	10	2
01 10 00	42 25 00	14 44 00	51 00 00	52 27 00	47 53 00	52 45 00	43 49 00	04 49 00	71 14 00	74 01 00	65 55 00
1.17	42.42	14.73	51.00	52.45	47.88	52.75	43.82	4.82	71.23	74.02	65.92
14	115	12	10	16	13	9	9	26	22	31	24
41 52 00	60 18 00	19 42 00	08 44 00	00 07 00	00 42 00	38 13 00	19 07 00	33 46 00	28 01 00	16 25 00	13 45 00
41.87	60.30	19.70	8.73	0.12	0.70	38.22	19.12	33.77	28.02	16.42	13.75
9	8	9	5	5	8	5	5	19	7	17	8
0	3	0	0	1	0	2	0	0	1	0	0
0	1082	0	102	102	103	103	104	608	468	0	0

2042	2042	2093	2041	2041	2000	1159	1159	1159	1161	1161	1095
74:06	74:06	74:06	74:05	74:05	74:05	63:01	63:01	63:00:00	63:01	63:01	63:01
74	74	74	74	74	74	63	63	63	63	63	63
NIST	NADC	NIST	NIST	NADC	NADC	NIST	NIST	NTIS	NIST	NIST	NIST
1	2	1	1	2	2	1	1	3	1	1	1
S2X	S2X	S2X	KODAK	KODAK	KODAK	S1X	S1X	S1X	S1X	S1X	S1X
1	1	2	3	3	3	1	1	1	1	1	1
						Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.	Al Cal.
4	4	4	4	4	4	5	5	5	5	5	5
120	121	122	123	124	125	126	127	128	129	130	131
44.9	44.5	44.9	44.9	44.7	44.6	45.2	45.1	44.7	45.1	45.1	45
49.9	49.9	49.9	49.8	49.8	49.8	49.6	49.6	49.8	49.6	49.6	49.6
115.7	115.7	115.7	115.6	115.6	115.6	114.6	114.6	114.7	114.6	114.6	114.6
1.18	1.20	1.20	1.19	1.2	1.2	1.39	1.39	1.38	1.37	1.38	1.36
1.63	1.60	1.61	1.62	1.6	1.61	1.60	1.60	1.60	1.62	1.61	1.63
15	14	13	11	20	20	14	18	26	13	12	14
0.083	0.088	0.086	0.086	0.087	0.085	0.065	0.066		0.065	0.065	0.067
0.098	0.100	0.097	0.103	0.100	0.096	0.071	0.073		0.071	0.071	0.072
0.093	0.096	0.094	0.098	0.096	0.093	0.069	0.070	0.070	0.068	0.068	0.070
24	23	23	21	21	21	21	21		22	22	21
26	25	26	25	22	23	24	24		26	25	24
25	24	24	22	22	22	22	22	22	23	23	22
0.10	-0.14	0.09	0.09	-0.11	-0.10	0.10	0.11	-0.07	0.10	0.10	0.09
0.26	0.06	0.24	0.26	0.10	0.08	0.29	0.27	0.06	0.30	0.29	0.27
0.15	-0.04	0.14	0.15	-0.02	-0.01	0.17	0.16		0.17	0.17	0.15
-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2	-0.3
0.0	0.2	0.1	0.1	0.2	0.2	-0.1	-0.1	0.0	-0.1	0.0	0.0
-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1		-0.2	-0.1	-0.2
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 04 00	00 14 00	00 05 00	00 05 00		02 36 00	04 11 00	00 03 00
0.05	0.05	0.05	0.05	0.07	0.23	0.08	0.08		2.60	4.18	0.05
17	19	17	14	20	28	49	44	37	168	175	55
61 27 00	27 15 00	39 52 00	11 14 00	64 14 00	55 40 00	48 12 00	59 20 00	27 42 00	62 52 00	62 42 00	59 19 00
61.45	27.25	39.87	11.23	64.23	55.67	48.20	59.33	27.70	62.87	62.70	59.32
0	1	0	1	2	3	15	12	12	43	40	11
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 05 00	00 05 00		02 36 00	04 11 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08		2.60	4.18	0.05
12	12	10	12	16	22	46	42	37	138	146	49
08 29 00	09 12 00	07 35 00	06 47 00	28 45 00	00 17 00	50 58 00	42 36 00	27 42 00	62 46 00	51 00 00	59 19 00
8.48	9.20	7.58	6.78	28.75	0.28	50.97	42.60	27.70	62.77	51.00	59.32
0	0	0	0	1	2	13	11	10	37	35	10
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
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05
8	7	12	8	8	9	7	7	10	18	22	9
05 16 00	10 57 00	39 52 00	11 03 00	67 20 00	11 02 00	43 57 00	14 19 00	04 08 00	55 52 00	62 52 00	60 20 00
5.27	10.95	39.87	11.05	67.33	11.03	43.95	14.32	4.13	55.87	62.87	60.33
0	0	0	0	0	0	0	0	1	2	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 04 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	0.05	0.07	0.08	0.05	0.05		0.05	0.05	0.05
12	11	12	12	13	23	14	13	11	36	46	15
61 27 00	27 15 00	04 09 00	11 15 00	05 49 00	55 43 00	51 52 00	51 52 00	62 39 00	60 33 00	54 04 00	16 13 00
61.45	27.25	4.15	11.25	5.82	55.72	51.87	51.87	62.65	60.55	54.07	16.22
0	0	0	0	0	0	1	1	1	3	3	0
0	0	0	0	0	0	0	0		0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 04 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	0.05	0.07	0.08	0.05	0.05		0.05	0.05	0.05
90	104	115	142	149	239	129	111	95	292	443	129
61 27 00	61 27 00	04 09 00	21 35 00	21 34 00	55 43 00	51 56 00	12 04 00	50 17 00	60 15 00	60 15 00	16 07 00
61.45	61.45	4.15	21.58	21.57	55.72	51.93	12.07	50.28	60.25	60.25	16.12
0	1	0	1	6	9	10	8	5	30	28	7
0	0	0	0	0	0	0	0		0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05		0.05	0.05	0.05
0	0	0	11	16	27	12	7	20	23	22	7
00 00 00	00 00 00	00 00 00	74 05 00	00 03 00	55 37 00	58 25 00	58 41 00	49 41 00	61 08 00	44 07 00	47 51 00
0.00	0.00	0.00	74.08	0.05	55.62	58.42	58.68	49.68	61.13	44.12	47.85
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0		0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00		00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05		0.05	0.05	0.05
0	0	0	98	162	100	0	0	7	2	3	0
00 00 00	00 00 00	00 00 00	74 05 00	00 03 00	74 05 00	00 00 00	00 00 00	62 39 00	40 55 00	53 12 00	00 00 00
0.00	0.00	0.00	74.08	0.05	74.08	0.00	0.00	62.65	40.92	53.20	0.00
0	0	0	0	0	0	0	0	0	0	0	0
0.34	0.32	0.34	0.29	0.27	0.29	0.48	0.48	0.49	0.46	0.45	0.47
67 05 00	74 05 00	56 59 00	73 08 00	74 03 00	74 03 00	41 59 00	00 11 00		62 45 00	62 51 00	00 17 00
67.08	74.08	56.98	73.13	74.05	74.05	41.98	0.18		62.75	62.85	0.28
0.38	0.38	0.38	0.37	0.36	0.37	0.55	0.56	0.62	0.55	0.54	0.55
00 13 00	00 10 00	00 46 00	00 16 00	00 23 00	00 56 00	63 01 00	63 01 00	00 03 00	63 01 00	63 00 00	63 01 00
0.22	0.17	0.77	0.27	0.38	0.93	63.02	63.02	0.05	63.02	63.00	63.02
0.36	0.35	0.36	0.33	0.32	0.33	0.50	0.50	0.56	0.50	0.50	0.50
0.73	0.73	0.73	0.72	0.71	0.73	0.69	0.69	0.70	0.69	0.68	0.68
73 35 00	73 58 00	73 01 00	73 07 00	73 58 00	73 56 00	00 47 00	00 32 00		00 29 00	00 33 00	01 11 00
73.58	73.97	73.02	73.12	73.97	73.93	0.78	0.53		0.48	0.55	1.18
0.80	0.81	0.80	0.81	0.81	0.81	0.74	0.75	0.76	0.76	0.76	0.76
00 05 00	00 35 00	00 05 00	00 05 00	00 05 00	00 42 00	63 01 00	63 01 00	00 03 00	62 48 00	57 09 00	63 00 00
0.08	0.58	0.08	0.08	0.08	0.70	63.02	63.02	0.05	62.80	57.15	63.00
0.75	0.77	0.76	0.76	0.76	0.77	0.72	0.73	0.74	0.73	0.73	0.73
0.35	0.33	0.35	0.31	0.29	0.30	0.51	0.51	0.55	0.51	0.50	0.50
35 38 00	74 05 00	64 01 00	73 39 00	74 03 00	73 50 00	27 41 00	26 49 00		49 07 00	61 58 00	08 20 00
35.63	74.08	64.02	73.65	74.05	73.83	27.68	26.82		49.12	61.97	8.33
0.39	0.38	0.39	0.36	0.36	0.37	0.58	0.60	0.68	0.60	0.59	0.60
31 12 00	00 10 00	23 00 00	15 13 00	01 41 00	00 56 00	63 01 00	63 01 00	00 03 00	63 01 00	63 01 00	63 01 00
31.20	0.17	23.00	15.22	1.68	0.93	63.02	63.02	0.05	63.02	63.02	63.02
0.37	0.36	0.37	0.34	0.33	0.34	0.54	0.54	0.61	0.54	0.53	0.53
0.76	0.77	0.76	0.75	0.76	0.76	0.73	0.74	0.76	0.73	0.73	0.73

35 38 00	19 08 00	60 21 00	73 30 00	01 50 00	73 50 00	27 41 00	01 13 00		14 48 00	16 29 00	08 20 00
35.63	19.13	60.35	73.50	1.83	73.83	27.68	1.22		14.80	16.48	8.33
0.83	0.83	0.82	0.82	0.81	0.85	0.83	0.82	0.85	0.83	0.84	0.84
54 31 00	67 46 00	51 41 00	26 35 00	51 19 00	55 34 00	59 56 00	59 05 00	23 15 00	62 41 00	61 27 00	59 36 00
54.52	67.77	51.68	26.58	51.32	55.57	59.93	59.08	23.25	62.68	61.45	59.60
0.79	0.80	0.79	0.79	0.79	0.80	0.77	0.78	0.80	0.78	0.78	0.77
66	68	67	66	67	68	65	66	73	65	65	66
54 31 00	67 46 00	73 41 00	58 56 00	73 29 00	55 34 00	59 56 00	62 32 00		62 53 00	62 53 00	59 36 00
54.52	67.77	73.68	58.93	73.48	55.57	59.93	62.53		62.88	62.88	59.60
73	74	73	74	76	75	71	71	79	71	72	72
01 41 00	00 28 00	00 28 00	01 58 00	01 50 00	03 12 00	27 41 00	59 03 00	00 41 00	14 48 00	16 29 00	44 10 00
1.68	0.47	0.47	1.97	1.83	3.20	27.68	59.05	0.68	14.80	16.48	44.17
70	71	70	70	71	71	68	69	77	68	68	69
-2	-2	-1	0	0	0	-4	-4	-4	-3	-3	-3
69 10 00	69 17 00	73 41 00	06 54 00	11 30 00	24 28 00	01 16 00	01 16 00		00 15 00	00 15 00	02 29 00
69.17	69.28	73.68	6.90	11.50	24.47	1.27	1.27		0.25	0.25	2.48
-8	-9	-9	9	9	6	-12	-12	-10	-18	-18	-13
18 26 00	18 08 00	13 39 00	73 55 00	74 01 00	74 03 00	61 23 00	59 14 00	62 15 00	62 45 00	62 41 00	60 45 00
18.43	18.13	13.65	73.92	74.02	74.05	61.38	59.23	62.25	62.75	62.68	60.75
-5	-6	-5	2	2	0	-9	-9	-8	-11	-11	-8
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
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05
3	3	3	5	5	4	5	5	8	4	5	5
48 38 00	18 45 00	27 16 00	00 10 00	00 09 00	00 08 00	00 16 00	00 45 00	37 40 00	38 14 00	45 47 00	00 15 00
48.63	18.75	27.27	0.17	0.15	0.13	0.27	0.75	37.67	38.23	45.78	0.25
0	0	0	0	0	0	0	0	1	1	1	0
5	2	5	5	1	1	6	7	12	4	4	6
43 19 00	32 39 00	42 40 00	71 29 00	39 32 00	49 54 00	36 11 03	11 00 03		30 29 03	53 44 04	14 17 00
43.32	32.65	42.67	71.48	39.53	49.90	36.18	11.00		30.48	53.73	14.28
14	12	13	15	8	8	35	34	43	27	25	25
52 02 00	25 22 00	61 36 00	06 54 00	12 06 00	12 19 00	10 07 00	10 24 00	41 37 00	10 07 00	10 03 00	41 37 00
52.03	25.37	61.60	6.90	12.10	12.32	10.12	10.40	41.62	10.12	10.05	41.62
8	4	8	7	3	3	18	17	14	11	11	12
0	0	0	0	0	0	0	0	3	0	0	0
0	0	0	98	260	100	0	0	7	4	4	0

1095	1095	1142	1142	1142	1086	1086	1077	1077	1077	1075	1075
63:01	63:01	63:01	63:01	63:00:03	63:01	63:01	63:01	63:01	63:01	63:00	63:00
63	63	63	63	63	63	63	63	63	63	63	63
NIST	NADC	NIST	NIST	NTIS	NIST	NIST	NIST	NIST	NADC	NIST	NADC
1	2	1	1	3	1	1	1	1	2	1	2
S1X	S1X	S2X	S2X	S2X	S2X	S2X	S2X	S2X	S2X	KODAK	KODAK
1	1	2	2	2	2	2	2	2	2	3	3
CD-R Cal.		Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.			
5	5	5	5	5	5	5	5	5	5	5	5
132	133	134	135	136	137	138	139	140	141	142	143
45	44.8	45.1	45.1	44.8	45.2	45.1	44.9	44.9	44.8	45.0	44.6
49.6	49.6	49.8	49.7	50.0	49.7	49.8	49.7	49.8	49.8	49.7	49.7
114.6	114.6	114.7	114.7	114.8	114.7	114.7	114.7	114.7	114.6	114.6	114.6
1.39	1.38	1.39	1.38	1.38	1.38	1.37	1.38	1.38	1.38	1.39	1.38
1.6	1.61	1.60	1.61	1.60	1.61	1.62	1.61	1.61	1.61	1.60	1.61
18	16	13	18	24	23	21	18	15	24	15	23
0.066	0.062	0.067	0.067		0.067	0.066	0.067	0.065	0.063	0.068	0.067
0.072	0.070	0.071	0.073		0.072	0.071	0.073	0.071	0.069	0.075	0.074
0.069	0.067	0.069	0.070	0.071	0.070	0.069	0.070	0.068	0.067	0.072	0.071
21	21	24	24		24	23	24	24	25	22	22
24	25	27	27		27	27	27	28	26	27	24
22	23	25	25	26	25	25	25	25	25	23	22
0.11	-0.05	0.10	0.10	-0.08	0.11	0.10	0.10	0.09	-0.04	0.10	-0.11
0.23	0.07	0.31	0.26	0.04	0.28	0.29	0.26	0.27	0.12	0.28	0.05
0.14	0.00	0.17	0.15		0.16	0.16	0.15	0.16	0.03	0.16	-0.03
-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3	-0.2	-0.2
0.0	0.2	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.1
-0.1	0.0	-0.2	-0.1		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	01 22 00	00 03 00	00 28 00		00 08 00	00 08 00	00 31 00	00 31 00	01 06 00	04 06 00	02 52 00
0.05	1.37	0.05	0.47		0.13	0.13	0.52	0.52	1.10	4.10	2.87
52	31	57	53	41	81	93	63	66	55	29	30
50 59 00	35 14 00	22 40 00	24 31 00	34 57 00	28 48 00	24 50 00	30 26 00	35 01 00	30 13 00	13 05 00	07 28 00
50.98	35.23	22.67	24.52	34.95	28.80	24.83	30.43	35.02	30.22	13.08	7.47
10	7	10	10	10	20	21	15	16	12	4	4
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	01 22 00	00 03 00	00 28 00		00 08 00	00 08 00	00 28 00	00 28 00	01 06 00	04 06 00	02 52 00
0.05	1.37	0.05	0.47		0.13	0.13	0.47	0.47	1.10	4.10	2.87
47	28	54	53	35	74	89	59	59	46	28	28
50 59 00	35 14 00	22 40 00	24 31 00	36 54 00	21 07 00	24 50 00	30 26 00	35 01 00	35 09 00	01 45 00	07 28 00
50.98	35.23	22.67	24.52	36.90	21.12	24.83	30.43	35.02	35.15	1.75	7.47
9	6	10	9	9	18	19	14	15	11	4	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
0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	6	6	5	9	9	9	8	8	6	7	8
60 20 00	43 56 00	21 45 00	13 09 00	14 13 00	41 32 00	41 32 00	31 06 00	31 35 00	14 14 00	41 36 00	30 58 00
60.33	43.93	21.75	13.15	14.22	41.53	41.53	31.10	31.58	14.23	41.60	30.97
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
0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05	0.05
15	19	10	10	8	11	12	14	18	13	10	13
16 13 00	16 12 00	41 31 00	47 45 00	50 28 00	41 32 00	34 58 00	33 35 00	33 35 00	00 28 00	24 19 00	54 12 00
16.22	16.20	41.52	47.75	50.47	41.53	34.97	33.58	33.58	0.47	24.32	54.20
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
0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05	0.05
156	159	94	79	80	115	92	119	155	119	95	145
16 10 00	16 12 00	30 27 00	50 29 00	50 00 00	29 08 00	21 50 00	33 35 00	33 35 00	33 34 00	54 11 00	54 12 00
16.17	16.20	30.45	50.48	50.00	29.13	21.83	33.58	33.58	33.57	54.18	54.20
7	8	3	3	1	5	6	5	5	4	1	2
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
0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	13	0	8	10	4	20	19	10	10	11	11
62 06 00	33 31 00	00 00 00	28 44 00	50 00 00	30 54 00	25 27 00	33 15 00	30 50 00	03 45 00	63 00 00	63 00 00
62.10	33.52	0.00	28.73	50.00	30.90	25.45	33.25	30.83	3.75	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
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	0	0	0		0	0	0	0	0	104	104
00 00 00	00 00 00	00 00 00	00 00 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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00
0	0	0	0	0	0	0	0	0	0	0	0
0.48	0.48	0.49	0.49	0.49	0.49	0.48	0.49	0.49	0.49	0.46	0.47
02 31 00	05 25 00	61 54 00	61 54 00		62 54 00	62 54 00	61 23 00	62 20 00	23 09 00	63 00 00	15 38 00
2.52	5.42	61.90	61.90		62.90	62.90	61.38	62.33	23.15	63.00	15.63
0.55	0.54	0.54	0.53	0.62	0.54	0.53	0.54	0.54	0.52	0.50	0.50
63 01 00	63 01 00	63 00 00	63 00 00	01 20 00	63 01 00	63 01 00	63 01 00	63 01 00	63 01 00	09 59 00	55 28 00
63.02	63.02	63.00	63.00	1.33	63.02	63.02	63.02	63.02	63.02	9.98	55.47
0.50	0.50	0.51	0.51	0.57	0.51	0.51	0.51	0.51	0.51	0.48	0.48
0.68	0.68	0.72	0.73	0.74	0.73	0.73	0.74	0.73	0.73	0.71	0.72
00 39 00	00 22 00	00 51 00	00 52 00		00 19 00	01 21 00	02 14 00	02 14 00	03 44 00	00 36 00	09 27 00
0.65	0.37	0.85	0.87		0.32	1.35	2.23	2.23	3.73	0.60	9.45
0.76	0.76	0.78	0.79	0.81	0.79	0.78	0.80	0.79	0.79	0.74	0.76
63 00 00	63 00 00	25 35 00	23 32 00	01 18 00	21 34 00	24 04 00	36 23 00	33 51 00	36 23 00	61 48 00	60 13 00
63.00	63.00	25.58	23.53	1.30	21.57	24.07	36.38	33.85	36.38	61.80	60.22
0.72	0.72	0.76	0.77	0.78	0.76	0.76	0.77	0.76	0.76	0.73	0.74
0.50	0.52	0.53	0.52	0.55	0.52	0.52	0.53	0.53	0.54	0.49	0.50
08 22 00	19 11 00	29 44 00	61 54 00		01 56 00	57 40 00	32 02 00	09 07 00	23 09 00	06 10 00	26 26 00
8.37	19.18	29.73	61.90		1.93	57.67	32.03	9.12	23.15	6.17	26.43
0.60	0.61	0.57	0.57	0.68	0.58	0.57	0.57	0.58	0.59	0.53	0.54
63 01 00	63 01 00	63 01 00	63 01 00	01 20 00	35 14 00	63 01 00	63 01 00	63 01 00	48 48 00	01 21 00	00 53 00
63.02	63.02	63.02	63.02	1.33	35.23	63.02	63.02	63.02	48.80	1.35	0.88
0.54	0.55	0.55	0.55	0.62	0.55	0.54	0.55	0.55	0.56	0.51	0.52
0.72	0.75	0.77	0.78	0.82	0.77	0.78	0.78	0.78	0.81	0.74	0.76

08 22 00	00 26 00	07 09 00	06 50 00		01 56 00	00 13 00	07 30 00	13 47 00	00 27 00	06 10 00	11 02 00
8.37	0.43	7.15	6.83		1.93	0.22	7.50	13.78	0.45	6.17	11.03
0.82	0.85	0.86	0.86	0.88	0.86	0.85	0.86	0.85	0.90	0.80	0.82
63 01 00	59 13 00	38 18 00	24 00 00	62 41 00	35 14 00	35 01 00	25 31 00	30 43 00	48 48 00	55 29 00	62 56 00
63.02	59.22	38.30	24.00	62.68	35.23	35.02	25.52	30.72	48.80	55.48	62.93
0.77	0.80	0.81	0.82	0.85	0.82	0.82	0.83	0.82	0.85	0.77	0.78
66	68	65	66	73	66	65	67	65	67	66	66
62 29 00	59 13 00	38 18 00	24 00 00		58 06 00	55 01 00	35 18 00	60 38 00	48 48 00	02 28 00	62 56 00
62.48	59.22	38.30	24.00		58.10	55.02	35.30	60.63	48.80	2.47	62.93
70	73	71	71	79	70	70	71	70	73	71	71
19 35 00	35 00 00	29 44 00	06 50 00	61 42 00	28 57 00	23 31 00	32 02 00	34 34 00	62 19 00	18 03 00	57 43 00
19.58	35.00	29.73	6.83	61.70	28.95	23.52	32.03	34.57	62.32	18.05	57.72
68	70	68	68	77	68	68	68	68	70	68	69
-3	-2	-4	-3	-4	-4	-4	-4	-4	-4	-2	-2
00 55 00	00 55 00	00 52 00	00 52 00		00 19 00	02 14 00	02 21 00	02 21 00	00 26 00	30 17 00	15 38 00
0.92	0.92	0.87	0.87		0.32	2.23	2.35	2.35	0.43	30.28	15.63
-13	-13	-10	-10	-8	-11	-11	-10	-11	-10	-4	-4
61 10 00	60 45 00	22 25 00	22 25 00	24 31 00	22 35 00	19 41 00	22 33 00	23 01 00	22 33 00	61 00 00	44 40 00
61.17	60.75	22.42	22.42	24.52	22.58	19.68	22.55	23.02	22.55	61.00	44.67
-8	-8	-8	-8	-7	-8	-8	-8	-8	-8	-3	-3
0	0	0	0		0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00		00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05		0.07	0.05	0.05	0.05	0.05	0.05	0.05
4	5	3	3	5	5	5	3	3	5	4	3
26 44 00	00 12 00	35 03 00	05 59 00	50 00 00	00 03 00	00 15 00	11 58 00	31 50 00	00 10 00	00 19 00	13 05 00
26.73	0.20	35.05	5.98	50.00	0.05	0.25	11.97	31.83	0.17	0.32	13.08
0	0	0	0	0	0	0	0	0	0	0	0
7	5	4	3	4	4	4	4	4	1	4	0
16 44 00	03 15 03	58 52 00	54 04 03		55 23 00	23 07 00	61 14 00	58 29 00	26 53 00	48 42 00	00 04 00
16.73	3.25	58.87	54.07		55.38	23.12	61.23	58.48	26.88	48.70	0.07
26	25	22	21	34	22	21	21	22	21	23	7
10 01 00	41 37 00	41 32 00	41 32 00	41 30 00	41 32 00	41 30 00	41 31 00	41 32 00	41 32 00	41 35 00	41 35 00
10.02	41.62	41.53	41.53	41.50	41.53	41.50	41.52	41.53	41.53	41.58	41.58
12	11	7	7	7	6	7	6	6	4	6	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	104	104

1082	1076	1079	1079	1449	2209	2210	2219	2218	2263	2125	2129
63:00	63:00	62:58	62:58	62:58	74:00	74:00	74:00	74:00	74:00	63:06	63:06
63	63	63	63	63	74	74	74	74	74	63	63
NIST	NADC	NIST	NADC	NADC	NADC	NADC	NADC	NADC	NADC	NADC	NADC
1	2	1	2	2	2	2	2	2	2	2	2
KODAK	KODAK	JVC?	JVC?	JVC	S1X	S1X	S1X	S2X	S2X	S1X	S1X
3	3	4	4	4	1	1	1	2	2	1	1
5	5	5	5	5	5	5	5	5	5	6	6
144	145	146	147	148	149	150	151	152	153	154	155
45.2	44.6	44.9	44.6	44.8	44.6	44.6	44.7	44.6	44.7	44.6	44.6
49.6	49.6	49.7	49.7	49.7	49.5	49.5	49.6	49.6	49.6	49.5	49.5
114.6	114.6	114.6	114.6	114.6	114.9	114.9	114.9	114.9	114.9	113.9	113.9
1.38	1.39	1.38	1.39	1.39	1.19	1.19	1.19	1.19	1.19	1.37	1.37
1.61	1.60	1.61	1.6	1.59	1.6	1.6	1.6	1.6	1.6	1.59	1.59
12	17	21	22	6	14	15	16	15	19	20	20
0.068	0.070	0.066	0.066	0.067	0.053	0.053	0.053	0.056	0.056	0.072	0.074
0.074	0.078	0.073	0.074	0.076	0.059	0.061	0.059	0.063	0.062	0.081	0.081
0.072	0.075	0.070	0.070	0.072	0.056	0.057	0.056	0.059	0.059	0.078	0.078
22	22	22	21	21	19	20	20	21	21	19	20
28	24	25	23	23	22	22	22	23	24	21	24
23	23	22	22	22	20	21	20	22	22	20	22
0.10	-0.15	0.11	-0.12	-0.12	-0.12	-0.09	-0.12	-0.10	-0.08	-0.11	-0.10
0.27	0.03	0.25	0.03	0.06	0.02	0.01	-0.01	0.00	0.04	0.04	0.03
0.16	-0.04	0.15	-0.04	-0.03	-0.04	-0.03	-0.05	-0.04	-0.02	-0.03	-0.03
-0.2	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.3	-0.3
0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1
0	0	0	0	0	17	4	11	0	0	17	0
00 06 00	00 28 00	00 38 00	01 41 00	00 35 00	00 11 00	00 03 00	26 15 00	00 13 00	00 12 00	00 53 00	40 21 00
0.10	0.47	0.63	1.68	0.58	0.18	0.05	26.25	0.22	0.20	0.88	40.35
23	19	30	28	46	398	376	353	29	116	302	1240
00 21 00	01 05 00	14 20 00	02 12 00	35 58 00	73 39 00	36 54 00	70 09 00	28 44 00	64 49 00	62 09 00	44 40 00
0.35	1.08	14.33	2.20	35.97	73.65	36.90	70.15	28.73	64.82	62.15	44.67
1	2	3	3	4	98	115	74	3	12	77	371
0	0	0	0	0	14	4	9	0	0	15	0
00 06 00	00 28 00	00 38 00	01 41 00	00 35 00	26 08 00	00 03 00	26 15 00	00 13 00	00 12 00	00 27 00	40 21 00
0.10	0.47	0.63	1.68	0.58	26.13	0.05	26.25	0.22	0.20	0.45	40.35
18	18	24	22	22	272	297	198	26	84	217	815
11 59 00	36 54 00	35 01 00	21 49 00	29 57 00	68 54 00	34 50 00	64 31 00	28 44 00	61 24 00	62 09 00	46 21 00
11.98	36.90	35.02	21.82	29.95	68.90	34.83	64.52	28.73	61.40	62.15	46.35
1	1	2	2	3	76	92	58	3	10	58	258
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 06 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.10	0.05	0.05	0.05	0.05	0.07	0.07
6	7	8	11	9	42	46	45	5	19	28	182
35 09 00	01 05 00	02 13 00	19 49 00	43 54 00	62 05 00	36 54 00	61 43 00	10 43 00	58 57 00	62 34 00	46 14 00
35.15	1.08	2.22	19.82	43.90	62.08	36.90	61.72	10.72	58.95	62.57	46.23
0	0	0	0	0	6	7	4	0	0	5	40

15 44 00	08 39 00	14 19 00	19 51 00	09 43 00	01 28 00	01 18 00	02 57 00	02 28 00	02 16 00	01 24 00	01 18 00
15.73	8.65	14.32	19.85	9.72	1.47	1.30	2.95	2.47	2.27	1.40	1.30
0.80	0.80	0.80	0.79	0.81	0.79	0.79	0.78	0.78	0.82	0.69	0.72
47 34 00	53 49 00	59 13 00	61 16 00	61 18 00	73 53 00	73 59 00	73 52 00	73 48 00	62 20 00	59 33 00	46 40 00
47.57	53.82	59.22	61.27	61.30	73.88	73.98	73.87	73.80	62.33	59.55	46.67
0.77	0.77	0.76	0.76	0.76	0.71	0.72	0.71	0.74	0.75	0.65	0.67
66	68	65	68	67	67	67	68	68	66	69	70
04 33 00	53 49 00	06 52 00	02 14 00	03 56 00	60 49 00	73 55 00	68 34 00	54 44 00	62 20 00	63 04 00	60 07 00
4.55	53.82	6.87	2.23	3.93	60.82	73.92	68.57	54.73	62.33	63.07	60.12
71	73	71	73	72	73	73	73	72	73	76	77
32 01 00	29 43 00	54 57 00	29 38 00	35 32 00	08 32 00	05 44 00	43 38 00	04 51 00	35 59 00	38 33 00	21 45 00
32.02	29.72	54.95	29.63	35.53	8.53	5.73	43.63	4.85	35.98	38.55	21.75
69	70	69	70	69	70	70	71	70	70	73	73
-2	-2	-3	-3	-2	-5	-4	-5	-3	-5	-5	-6
10 28 00	21 36 00	15 35 00	00 03 00	62 11 00	00 32 00	00 10 00	00 09 00	01 29 00	00 06 00	01 24 00	01 27 00
10.47	21.60	15.58	0.05	62.18	0.53	0.17	0.15	1.48	0.10	1.40	1.45
-3	-4	-6	-6	-6	-22	-21	-22	-13	-19	-15	-20
61 45 00	62 05 00	55 59 00	43 16 00	54 54 00	73 36 00	73 22 00	72 38 00	73 43 00	73 43 00	62 26 00	62 29 00
61.75	62.08	55.98	43.27	54.90	73.60	73.37	72.63	73.72	73.72	62.43	62.48
-2	-3	-4	-4	-4	-13	-14	-13	-9	-12	-10	-15
0	0	0	0	0	0	0	0	0	0	0	0
00 04 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 04 00	00 06 00
0.07	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.10
3	3	6	3	7	106	10	28	3	8	6	8
40 46 00	48 30 00	14 20 00	41 36 00	36 07 00	68 51 00	63 59 00	65 45 00	00 04 00	00 04 00	56 45 00	43 34 00
40.77	48.50	14.33	41.60	36.12	68.85	63.98	65.75	0.07	0.07	56.75	43.57
0	0	0	0	0	2	2	1	0	0	2	2
5	0	3	0	0	0	0	1	0	0	2	2
41 53 00	24 13 00	22 09 00	61 04 00	41 26 00	16 48 00	71 42 00	05 03 00	59 00 00	11 56 00	55 23 00	38 55 00
41.88	24.22	22.15	61.07	41.43	16.80	71.70	5.05	59.00	11.93	55.38	38.92
23	10	51	12	26	17	26	16	8	7	16	26
41 36 00	06 59 00	14 19 00	41 35 00	22 13 00	02 42 00	05 49 00	04 27 00	01 27 00	01 27 00	42 54 00	40 05 00
41.60	6.98	14.32	41.58	22.22	2.70	5.82	4.45	1.45	1.45	42.90	40.08
7	3	6	3	3	3	6	3	3	2	4	6
0	0	0	0	4	27	8	18	0	1	0	10
104	104	1220	0	0	5144	1788	2677	0	49	148	30095

2130	2130	2132	2132	2132	2133	2133	2133	2134	3110	2127	3126
63:06	63:06	63:06	63:06	63:06	63:06	63:06	63:05:21	63:06	63:05	63:05	63:04
63	63	63	63	63	63	63	63	63	63	63	63
NIST	NIST	NIST	NIST	NADC	MIST	NIST	NTIS	NADC	NADC	NADC	NIST
1	1	1	1	2	1	1	3	2	2	2	1
S1X	S1X	S2X	S2X	S2X	S2X	S2X	S2X	S2X	KODAK	KODAK	JVC
1	1	2	2	2	2	2	2	2	3	3	4
Al. Cal.	CD-R Cal.	Al. Cal.	CD-R Cal.		Al. Cal.	CD-R Cal.					
6	6	6	6	6	6	6	6	6	6	6	6
156	157	158	159	160	161	162	163	164	165	166	167
45.1	45.2	44.9	45	44.9	45.1	45.1	44.8	44.6	44.6	44.6	45
49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.9	49.7	49.6	49.6	49.7
113.9	113.9	114	114	114.0	114.0	114.0	114.1	114	114.2	113.9	114.2
1.38	1.38	1.36	1.38	1.38	1.37	1.37	1.36	1.37	1.42	1.38	1.37
1.59	1.59	1.6	1.59	1.59	1.59	1.59	1.58	1.59	1.55	1.59	1.6
13	19	14	20	14	20	17	25	22	30	25	18
0.075	0.075	0.071	0.069	0.065	0.070	0.070		0.068	0.069	0.068	0.073
0.079	0.079	0.093	0.084	0.074	0.077	0.078		0.078	0.078	0.079	0.080
0.078	0.077	0.076	0.074	0.071	0.075	0.075	0.077	0.075	0.076	0.075	0.077
21	21	19	19	18	20	20		21	18	20	19
23	23	22	23	24	23	23		22	21	21	22
22	22	21	21	22	21	21	21	21	19	21	21
0.11	0.12	0.11	0.10	0.01	0.11	0.11	-0.04	-0.13	-0.13	-0.16	0.12
0.29	0.27	0.27	0.28	0.12	0.31	0.28	0.07	0.06	0.03	0.04	0.28
0.17	0.16	0.16	0.16	0.05	0.17	0.16		-0.03	-0.04	-0.04	0.17
-0.2	-0.2	-0.3	-0.4	-0.2	-0.3	-0.2	-0.1	-0.2	-0.2	-0.3	-0.3
0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0
-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1		-0.1	-0.1	-0.1	-0.1
1	1	0	0	0	0	0	1	0	0	0	0
02 56 00	00 25 00	00 06 00	00 05 00	17 27 00	00 03 00	00 03 00		00 45 00	00 03 00	00 05 00	00 07 00
2.93	0.42	0.10	0.08	17.45	0.05	0.05		0.75	0.05	0.08	0.12
3899	3801	67	66	76	39	38	61	41	31	37	40
62 07 00	61 56 00	13 51 00	13 51 00	13 51 00	26 42 00	26 42 00	18 51 00	07 06 00	56 41 00	00 03 00	56 42 00
62.12	61.93	13.85	13.85	13.85	26.70	26.70	18.85	7.10	56.68	0.05	56.70
723	690	5	5	7	7	5	21	4	3	2	6
1	1	0	0	0	0	0	1	0	0	0	0
00 07 00	00 25 00	00 06 00	00 05 00	17 27 00	00 03 00	00 03 00		00 45 00	00 03 00	00 05 00	00 07 00
0.12	0.42	0.10	0.08	17.45	0.05	0.05		0.75	0.05	0.08	0.12
1626	1587	24	20	25	27	24	61	27	17	16	32
60 41 00	60 41 07	50 53 00	42 36 00	08 13 00	48 12 00	16 20 00	18 51 00	05 00 00	60 30 00	31 08 00	62 50 00
60.68	60.68	50.88	42.60	8.22	48.20	16.33	18.85	5.00	60.50	31.13	62.83
435	413	4	4	5	6	5	19	4	2	1	5
0	0	0	0	0	0	0		0	0	0	0
00 03 00	00 03 00	00 05 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
0.05	0.05	0.08	0.08	0.07	0.05	0.05		0.05	0.05	0.05	0.05
864	845	9	9	10	9	9	12	8	9	9	11
62 03 00	62 03 00	13 50 01	13 50 01	13 50 02	26 42 00	24 34 00	26 41 00	24 34 00	08 35 00	19 24 00	53 30 00
62.05	62.05	13.83	13.83	13.83	26.70	24.57	26.68	24.57	8.58	19.40	53.50
117	111	0	0	0	0	0	1	0	0	0	0

00 55 00	05 25 00	62 57 00	59 34 00	34 35 00	57 15 00	28 38 00		62 53 00	25 25 00	12 01 00	15 55 00
0.92	5.42	62.95	59.57	34.58	57.25	28.63		62.88	25.42	12.02	15.92
0.70	0.71	0.72	0.73	0.75	0.73	0.72	0.77	0.73	0.69	0.73	0.65
58 15 00	61 31 00	00 33 00	01 50 00	38 31 00	01 58 00	08 29 00	53 58 00	04 12 00	62 32 00	61 19 00	58 38 00
58.25	61.52	0.55	1.83	38.52	1.97	8.48	53.97	4.20	62.53	61.32	58.63
0.66	0.67	0.69	0.69	0.72	0.68	0.69	0.72	0.70	0.65	0.70	0.60
70	70	71	70	73	70	70	77	71	69	70	69
58 15 00	61 36 00	00 39 00	01 50 00	00 13 00	01 58 00	51 45 00		00 33 00	15 20 00	00 27 00	00 07 00
58.25	61.60	0.65	1.83	0.22	1.97	51.75		0.55	15.33	0.45	0.12
75	77	76	75	79	75	76	85	77	75	76	74
55 50 00	24 02 00	19 14 00	23 24 00	34 35 00	17 56 00	21 19 00	00 03 00	50 52 00	40 05 00	12 01 00	18 04 00
55.83	24.03	19.23	23.40	34.58	17.93	21.32	0.05	50.87	40.08	12.02	18.07
72	73	73	73	76	73	73	81	74	72	74	72
-6	-6	-1	-1	-1	-1	-1	-1	-1	-2	-5	-4
00 19 00	02 06 00	62 09 00	62 02 00	52 29 00	62 26 00	62 26 00		62 14 00	00 33 00	00 10 00	00 03 00
0.32	2.10	62.15	62.03	52.48	62.43	62.43		62.23	0.55	0.17	0.05
-20	-19	-5	-5	-5	-6	-7	-7	-7	-7	-8	-10
62 43 00	62 38 00	02 39 00	01 51 00	05 09 00	05 41 00	06 24 00	05 40 00	03 22 00	63 05 00	57 25 00	62 39 00
62.72	62.63	2.65	1.85	5.15	5.68	6.40	5.67	3.37	63.08	57.42	62.65
-13	-13	-3	-3	-3	-3	-3	-4	-4	-4	-7	-7
0	0	0	0	0	0	0		0	0	0	0
00 03 00	00 04 00	00 05 00	00 05 00	00 10 00	00 03 00	00 03 00		00 04 00	00 03 00	00 05 00	00 03 00
0.05	0.07	0.08	0.08	0.17	0.05	0.05		0.07	0.05	0.08	0.05
32	42	9	8	9	5	7	6	4	8	5	4
62 13 00	62 43 00	13 51 00	13 21 00	13 53 03	19 22 00	56 41 00	20 46 00	19 21 00	00 07 00	00 03 00	56 42 00
62.22	62.72	13.85	13.35	13.88	19.37	56.68	20.77	19.35	0.12	0.05	56.70
4	4	0	0	0	0	0	1	0	0	0	0
5	4	5	5	4	5	6	5	2	1	2	6
50 27 02	24 21 03	33 12 00	13 24 03	13 50 02	25 47 00	27 33 00		60 43 00	29 32 00	17 04 00	17 00 00
50.45	24.35	33.20	13.40	13.83	25.78	27.55		60.72	29.53	17.07	17.00
25	27	24	25	22	24	24	32	8	17	11	23
60 52 08	56 43 00	56 38 00	56 38 00	56 38 00	56 38 00	56 38 00	56 38 00	01 43 00	00 52 00	01 11 00	01 03 00
60.87	56.72	56.63	56.63	56.63	56.63	56.63	56.63	1.72	0.87	1.18	1.05
15	15	8	7	6	8	8	8	4	5	4	10
5381	5702	58	55	127	0	1	0	0	1	0	0
589899	589551	0	0	123	0	0	0	0	103	1903	104

3126	3125	3125	3127	3127	1051	1051	1089	1065	2033	2033	2045
63:04	63:04	63:04	63:04	63:04	63:01	63:01	63:01	63:01	63:01	63:01	63:01
63	63	63	63	63	63	63	63	63	63	63	63
NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NIST
2	1	2	1	2	1	2	1	2	1	2	1
JVC	JVC	JVC	JVC	JVC	S1X	S1X	S1X	S1X	S2X	S2X	S2X
4	4	4	4	4	1	1	1	1	2	2	2
6	6	6	6	6	7	7	7	7	7	7	7
168	169	170	171	172	173	174	175	176	177	178	179
44.6	45	44.5	45	44.6	45.0	44.6	45.3	44.5	44.9	44.7	44.9
49.7	49.7	49.6	49.7	49.6	49.8	49.8	49.8	49.8	49.9	49.9	49.8
114.1	114.2	114.1	114.2	114.1	115.0	115.0	115.0	115.0	115.1	115.1	115.1
1.42	1.42	1.42	1.42	1.42	1.38	1.39	1.38	1.39	1.40	1.40	1.38
1.55	1.54	1.55	1.55	1.55	1.62	1.60	1.62	1.60	1.60	1.60	1.62
0	24	31	10	17	12	21	16	19	35	25	19
0.071	0.073	0.071	0.074	0.073	0.065	0.067	0.066	0.069	0.068	0.069	0.075
0.080	0.080	0.080	0.079	0.081	0.076	0.077	0.080	0.079	0.080	0.082	0.085
0.077	0.077	0.077	0.078	0.078	0.071	0.072	0.074	0.074	0.076	0.077	0.081
18	19	18	19	20	24	23	23	23	22	22	21
21	22	21	26	22	28	25	27	25	26	24	25
20	21	20	22	21	25	24	25	24	23	22	22
-0.14	0.12	-0.14	0.13	-0.18	0.13	-0.18	0.13	-0.20	0.10	-0.11	0.10
-0.01	0.28	-0.01	0.29	0.00	0.35	0.00	0.34	0.01	0.28	0.08	0.24
-0.07	0.18	-0.07	0.18	-0.07	0.20	-0.07	0.20	-0.07	0.16	-0.02	0.14
-0.2	-0.3	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.1
0.1	0.0	0.1	0.0	0.1	-0.1	0.1	-0.1	0.1	0.0	0.1	0.0
-0.1	-0.2	-0.1	-0.2	-0.1	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 17 00	00 06 00	01 42 00	03 21 00	11 28 00	00 56 00	00 48 00	01 12 00	00 03 00	00 03 00	00 03 00	00 04 00
0.28	0.10	1.70	3.35	11.47	0.93	0.80	1.20	0.05	0.05	0.05	0.07
34	40	35	110	55	190	169	143	22	23	21	21
56 42 00	60 26 00	04 53 00	62 58 00	53 58 00	08 22 00	08 22 00	08 13 00	03 57 00	04 49 00	03 26 00	04 49 00
56.70	60.43	4.88	62.97	53.97	8.37	8.37	8.22	3.95	4.82	3.43	4.82
5	6	5	16	7	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 06 00	00 04 00	01 42 00	03 21 00	09 02 00	00 56 00	00 48 00	00 53 00	00 03 00	00 03 00	00 03 00	00 04 00
0.10	0.07	1.70	3.35	9.03	0.93	0.80	0.88	0.05	0.05	0.05	0.07
18	28	21	78	28	151	140	123	16	12	13	11
56 42 00	62 12 00	00 37 00	62 58 00	00 43 00	08 22 00	08 22 00	08 13 00	03 56 00	04 49 00	04 48 00	40 52 00
56.70	62.20	0.62	62.97	0.72	8.37	8.37	8.22	3.93	4.82	4.80	40.87
3	5	3	13	6	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.07	0.05	0.05	0.05	0.05	0.07	0.05	0.05	0.05	0.05	0.05	0.05
7	9	11	15	9	32	27	17	6	10	9	9
04 04 00	07 24 00	17 32 00	62 58 00	62 00 00	08 22 00	08 22 00	08 13 00	03 57 00	02 07 00	02 06 00	05 55 00
4.07	7.40	17.53	62.97	62.00	8.37	8.37	8.22	3.95	2.12	2.10	5.92
0	0	0	0	0	0	0	0	0	0	0	0

00 03 00	23 36 00	03 36 00	10 58 00	00 03 00	24 21 00	07 23 00	11 45 00	02 16 00	33 46 00	26 48 00	12 55 00
0.05	23.60	3.60	10.97	0.05	24.35	7.38	11.75	2.27	33.77	26.80	12.92
0.65	0.64	0.65	0.65	0.67	0.84	0.86	0.84	0.84	0.89	0.89	0.88
61 12 00	56 28 00	56 53 00	62 06 00	61 44 00	57 12 00	53 17 00	60 01 00	57 47 00	10 14 00	33 37 00	44 49 00
61.20	56.47	56.88	62.10	61.73	57.20	53.28	60.02	57.78	10.23	33.62	44.82
0.61	0.60	0.61	0.62	0.62	0.81	0.83	0.81	0.81	0.86	0.85	0.85
69	69	70	68	70	67	68	67	70	67	68	66
00 07 00	00 11 00	00 29 00	00 44 00	00 07 00	30 21 00	45 37 00	47 42 00	32 55 00	51 11 00	31 34 00	42 46 00
0.12	0.18	0.48	0.73	0.12	30.35	45.62	47.70	32.92	51.18	31.57	42.77
74	75	75	74	74	75	75	74	75	74	75	74
21 45 00	23 36 00	03 36 00	55 27 00	47 26 00	05 35 00	03 17 00	00 40 00	00 54 00	03 04 00	26 48 00	61 49 00
21.75	23.60	3.60	55.45	47.43	5.58	3.28	0.67	0.90	3.07	26.80	61.82
72	72	72	71	72	70	71	70	72	70	71	71
-4	-3	-3	-6	-6	-1	-2	0	-1	0	0	0
00 07 00	00 06 00	03 22 00	00 05 00	00 05 00	00 42 00	01 08 00	01 25 00	01 26 00	00 04 00	03 16 00	12 45 00
0.12	0.10	3.37	0.08	0.08	0.70	1.13	1.42	1.43	0.07	3.27	12.75
-11	-11	-11	-14	-14	-9	-9	-9	-9	4	4	3
62 58 00	62 07 00	59 37 00	62 45 00	63 01 00	59 14 00	56 44 00	56 45 00	43 54 00	53 05 00	53 32 00	58 55 00
62.97	62.12	59.62	62.75	63.02	59.23	56.73	56.75	43.90	53.08	53.53	58.92
-7	-7	-7	-10	-10	-6	-6	-6	-6	0	0	1
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
4	4	8	4	12	3	3	5	4	5	3	5
12 52 00	56 42 00	00 03 00	53 58 00	53 58 00	00 42 00	00 41 00	00 16 00	37 23 00	00 41 00	03 26 00	00 22 00
12.87	56.70	0.05	53.97	53.97	0.70	0.68	0.27	37.38	0.68	3.43	0.37
0	0	0	1	0	0	0	0	0	0	0	0
2	5	2	5	2	10	3	7	3	5	1	5
16 24 00	62 06 03	61 28 00	16 14 03	11 46 00	24 58 00	59 46 00	15 47 00	50 26 00	58 42 00	34 59 00	40 15 00
16.40	62.10	61.47	16.23	11.77	24.97	59.77	15.78	50.43	58.70	34.98	40.25
19	20	20	22	20	30	26	29	31	15	11	14
43 16 00	00 49 00	43 15 00	00 53 00	44 01 00	59 16 00	58 21 00	62 35 00	59 19 00	00 03 00	00 34 00	00 22 00
43.27	0.82	43.25	0.88	44.02	59.27	58.35	62.58	59.32	0.05	0.57	0.37
6	10	6	10	6	17	8	13	10	8	4	8
0	0	1	0	2	0	0	0	0	0	0	0
104	104	104	121	174	0	0	0	0	0	0	0

2051	2042	2042	2040	2043	2032	3005	4060	3054	3054	5092	5094
63:01	62:58	62:58	62:58	63:00	62:58	74:06	74:06	74:06	74:06	74:06	74:05
63	63	63	63	63	63	74	74	74	74	74	74
NADC	NIST	NADC	NIST	NADC	NADC	NADC	NADC	NIST	NADC	NIST	NIST
2	1	2	1	2	2	2	2	1	2	1	1
S2X	KODAK	KODAK	KODAK	KODAK	JVC	S1X	S2X	S2X	S2X	S2X	KODAK
2	3	3	3	3	4	1	2	2	2	2	3
7	7	7	7	7	7	7	7	7	7	7	7
180	181	182	183	184	185	186	187	188	189	190	191
44.7	44.9	44.7	45.0	44.7	44.8	44.6	44.6	45.0	44.6	45.0	45
49.9	49.8	49.8	49.7	49.8	49.8	49.7	49.8	49.9	49.9	49.9	49.8
115.1	115.1	115.0	115.0	115.1	115.1	115.2	115.3	115.3	115.3	115.3	115.3
1.40	1.39	1.40	1.40	1.40	1.39	1.19	1.19	1.17	1.19	1.19	1.19
1.60	1.61	1.60	1.60	1.60	1.61	1.6	1.61	1.63	1.60	1.61	1.61
23	21	26	19	16	19	53	25	19	19	16	14
0.074	0.074	0.075	0.076	0.075	0.079	0.076	0.062	0.065	0.064	0.070	0.066
0.083	0.082	0.084	0.083	0.083	0.087	0.087	0.072	0.073	0.074	0.084	0.081
0.079	0.079	0.080	0.080	0.080	0.082	0.082	0.067	0.070	0.069	0.078	0.075
23	20	21	21	21	24	21	22	21	21	21	19
24	23	22	24	22	25	23	25	25	23	25	24
23	22	21	22	21	24	22	23	22	22	22	20
-0.12	0.10	-0.10	0.09	-0.12	-0.09	-0.14	-0.12	0.10	-0.12	0.12	0.12
0.06	0.28	0.04	0.27	0.05	0.07	0.03	0.03	0.31	0.05	0.27	0.32
-0.02	0.16	-0.03	0.15	-0.03	-0.01	-0.04	-0.03	0.17	-0.03	0.18	0.18
-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
0.1	0.0	0.1	0.0	0.1	0.2	0.1	0.1	-0.1	0.1	0.0	0.0
-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2
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 04 00	00 09 00	00 03 00	00 03 00	00 04 00	00 09 00	00 03 00
0.05	0.05	0.05	0.07	0.05	0.07	0.15	0.05	0.05	0.07	0.15	0.05
29	24	23	27	33	71	29	22	22	25	60	36
16 19 00	04 53 00	15 48 00	04 53 00	16 54 00	03 19 00	35 10 00	01 50 00	01 22 00	01 21 00	10 11 00	10 17 00
16.32	4.88	15.80	4.88	16.90	3.32	35.17	1.83	1.37	1.35	10.18	10.28
1	0	0	0	0	2	4	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 04 00	00 03 00	00 03 00	00 09 00	00 03 00	00 03 00	00 04 00	00 09 00	00 03 00
0.05	0.05	0.05	0.07	0.05	0.05	0.15	0.05	0.05	0.07	0.15	0.05
15	12	14	16	15	14	16	13	14	14	48	24
03 58 00	36 29 00	05 58 00	27 42 00	05 58 00	04 52 00	63 23 00	01 50 00	11 38 00	18 45 00	10 11 00	10 17 00
3.97	36.48	5.97	27.70	5.97	4.87	63.38	1.83	11.63	18.75	10.18	10.28
1	0	0	0	0	0	3	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
9	10	7	8	8	9	5	6	7	6	10	8
03 25 00	05 59 00	04 59 00	03 29 00	03 31 00	03 29 00	63 23 00	51 15 00	21 44 00	34 26 00	73 24 00	01 41 00
3.42	5.98	4.98	3.48	3.52	3.48	63.38	51.25	21.73	34.43	73.40	1.68
0	0	0	0	0	0	0	0	0	0	0	0

08 05 00	16 55 00	18 08 00	13 23 00	20 54 00	05 35 00	10 53 00	19 05 00	01 07 00	04 35 00	43 43 00	31 33 00
8.08	16.92	18.13	13.38	20.90	5.58	10.88	19.08	1.12	4.58	43.72	31.55
0.86	0.87	0.89	0.88	0.87	0.87	0.82	0.86	0.88	0.88	0.87	0.84
16 02 00	18 31 00	39 00 00	45 47 00	48 44 00	54 29 00	71 43 00	55 55 00	42 29 00	58 04 00	44 14 00	44 03 00
16.03	18.52	39.00	45.78	48.73	54.48	71.72	55.92	42.48	58.07	44.23	44.05
0.83	0.85	0.85	0.85	0.84	0.84	0.78	0.83	0.84	0.84	0.83	0.81
69	67	66	66	67	68	66	68	65	66	65	66
41 42 00	18 31 00	39 00 00	41 49 00	48 44 00	50 33 00	71 43 00	73 34 00	37 04 00	58 04 00	54 30 00	37 51 00
41.70	18.52	39.00	41.82	48.73	50.55	71.72	73.57	37.07	58.07	54.50	37.85
75	75	74	73	74	74	73	75	74	74	73	73
62 00 00	62 13 00	18 08 00	10 34 00	06 29 00	01 26 00	10 53 00	19 05 00	20 02 00	04 35 00	61 16 00	05 32 00
62.00	62.22	18.13	10.57	6.48	1.43	10.88	19.08	20.03	4.58	61.27	5.53
72	70	71	70	71	70	70	72	69	70	70	69
0	0	0	0	0	0	-3	0	0	0	0	0
01 50 00	08 15 00	00 40 00	04 04 00	00 47 00	03 01 00	00 18 00	02 04 00	02 42 00	04 55 00	06 41 00	04 58 00
1.83	8.25	0.67	4.07	0.78	3.02	0.30	2.07	2.70	4.92	6.68	4.97
-3	-2	-2	-3	-2	-6	-11	-10	-7	-7	-5	-4
03 49 00	55 01 00	49 04 00	45 40 00	39 45 00	52 08 00	70 15 00	70 49 00	72 24 00	71 06 00	69 25 00	73 42 00
3.82	55.02	49.07	45.67	39.75	52.13	70.25	70.82	72.40	71.10	69.42	73.70
-1	0	-1	-1	-1	-4	-7	-3	-2	-2	-2	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 04 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	0.07	0.05	0.05	0.05
3	3	4	3	8	6	4	3	5	8	6	4
10 19 00	05 14 00	36 26 00	11 41 00	00 52 00	03 04 00	09 27 00	03 20 00	00 03 00	00 26 00	73 16 00	01 23 00
10.32	5.23	36.43	11.68	0.87	3.07	9.45	3.33	0.05	0.43	73.27	1.38
0	0	0	0	0	0	0	0	0	0	0	0
2	5	0	5	1	2	3	0	5	1	5	5
56 53 00	34 22 00	61 42 00	56 24 00	48 23 00	54 18 00	74 01 00	73 46 00	61 26 00	61 05 00	47 53 00	46 21 00
56.88	34.37	61.70	56.40	48.38	54.30	74.02	73.77	61.43	61.08	47.88	46.35
12	28	11	17	13	13	18	9	19	9	11	12
00 20 00	16 55 00	00 05 00	00 29 00	00 05 00	00 05 00	71 43 00	41 41 00	73 53 00	00 32 00	52 16 00	52 20 00
0.33	16.92	0.08	0.48	0.08	0.08	71.72	41.68	73.88	0.53	52.27	52.33
4	8	3	8	4	4	72.18	4	8	4	7	7
0	0	0	0	1	0	6	0	0	1	0	0
0	104	103	104	103	101	0	0	0	0	0	104

5094	4064	1821	1821	1819	1817	1804	1804	1820	1826	1553	1553
74:05	74:05	63:01	63:01	63:01	63:01	63:01	63:01	63:01	63:01	63:00	63:00
74	74	63	63	63	63	63	63	63	63	63	63
NADC	NADC	NIST	NADC	NIST	NADC	NIST	NADC	NADC	NIST	NIST	NADC
2	2	1	2	1	2	1	2	2	1	1	2
KODAK	KODAK	S1X	S1X	S1X	S1X	S2X	S2X	S2X	S2X	KODAK	KODAK
3	3	1	1	1	1	2	2	2	2	3	3
7	7	8	8	8	8	8	8	8	8	8	8
192	193	194	195	196	197	198	199	200	201	202	203
44.6	44.6	44.9	44.6	45.2	44.5	44.9	44.6	44.6	45.2	44.9	44.6
49.8	49.7	49.7	49.8	49.7	49.7	49.9	49.9	49.9	49.9	49.8	49.8
115.2	115.2	115.1	115.1	115.1	115.1	115.2	115.2	115.2	115.2	115.1	115.1
1.19	1.19	1.38	1.39	1.38	1.39	1.38	1.39	1.38	1.38	1.38	1.39
1.6	1.61	1.62	1.60	1.62	1.61	1.62	1.61	1.62	1.62	1.62	1.60
22	21	9	14	21	0	17	19	12	16	14	14
0.068	0.065	0.079	0.080	0.078	0.080	0.063	0.066	0.067	0.065	0.063	0.064
0.083	0.081	0.095	0.096	0.096	0.096	0.083	0.084	0.089	0.083	0.077	0.076
0.077	0.075	0.089	0.090	0.088	0.089	0.074	0.077	0.080	0.077	0.071	0.070
18	19	25	25	25	24	21	21	21	21	23	23
21	21	29	28	31	28	29	25	25	27	27	25
19	19	27	26	26	26	23	23	23	23	24	23
-0.15	-0.14	0.14	-0.18	0.12	-0.20	0.15	-0.21	-0.21	0.15	0.12	-0.12
0.00	0.01	0.34	-0.01	0.31	0.02	0.35	-0.01	-0.01	0.35	0.28	0.02
-0.06	-0.05	0.21	-0.08	0.19	-0.07	0.22	-0.09	-0.09	0.22	0.18	-0.05
-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2
0.1	0.1	0.0	0.2	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.1
-0.1	-0.1	-0.2	-0.1	-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 03 00	00 03 00	00 04 00	00 03 00	00 03 00	00 07 00	00 04 00	00 04 00	00 03 00	00 05 00	00 06 00	00 03 00
0.05	0.05	0.07	0.05	0.05	0.12	0.07	0.07	0.05	0.08	0.10	0.05
33	41	19	19	21	28	19	25	21	26	21	22
01 28 00	18 22 00	21 20 00	01 13 00	03 49 00	03 50 00	49 48 00	13 22 00	33 25 00	06 22 00	07 19 00	07 18 00
1.47	18.37	21.33	1.22	3.82	3.83	49.80	13.37	33.42	6.37	7.32	7.30
1	1	1	1	1	1	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 04 00	00 03 00	00 03 00	00 05 00	00 04 00	00 04 00	00 03 00	00 05 00	00 06 00	00 03 00
0.05	0.05	0.07	0.05	0.05	0.08	0.07	0.07	0.05	0.08	0.10	0.05
24	17	17	17	17	14	15	16	20	16	13	14
10 17 00	18 51 00	33 35 00	08 43 00	33 33 00	12 04 00	33 26 00	33 25 00	33 25 00	06 22 00	19 22 00	01 01 00
10.28	18.85	33.58	8.72	33.55	12.07	33.43	33.42	33.42	6.37	19.37	1.02
0	0	1	1	1	1	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
10	7	9	8	8	9	5	6	7	8	9	9
01 39 00	18 22 00	10 42 00	00 36 00	36 51 00	17 32 00	21 05 00	03 43 00	03 43 00	03 09 00	29 31 00	03 48 00
1.65	18.37	10.70	0.60	36.85	17.53	21.08	3.72	3.72	3.15	29.52	3.80
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 04 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	0.07	0.05	0.05	0.05	0.05
24	28	14	11	14	20	14	20	13	10	15	17
01 32 00	20 12 00	03 50 00	01 13 00	03 49 00	01 18 00	03 44 00	13 22 00	13 16 00	03 45 00	01 27 00	07 19 00
1.53	20.20	3.83	1.22	3.82	1.30	3.73	13.37	13.27	3.75	1.45	7.32
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 04 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	0.07	0.05	0.05	0.05	0.05
185	273	92	101	97	225	119	181	119	100	111	150
06 48 00	20 12 00	61 31 00	61 34 00	03 49 00	01 18 00	13 21 00	13 22 00	13 16 00	51 51 00	03 56 00	07 18 00
6.80	20.20	61.52	61.57	3.82	1.30	13.35	13.37	13.27	51.85	3.93	7.30
7	5	0	1	0	2	0	1	1	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
45	24	0	0	0	0	0	12	0	0	12	11
01 32 00	20 13 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00 00	04 58 00	00 00 00	00 00 00	63 00 00	63 00 00
1.53	20.22	0.00	0.00	0.00	0.00	0.00	4.97	0.00	0.00	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
102	102	0	0	0	0	0	0	0	0	104	104
74 05 00	74 05 00	00 00 00	00 00 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
74.08	74.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00	63.00
0	0	0	0	0	0	0	0	0	0	0	0
0.32	0.31	0.39	0.37	0.39	0.38	0.38	0.37	0.38	0.37	0.43	0.43
73 31 00	73 38 00	01 21 00	09 45 00	00 58 00	33 28 00	41 20 00	47 21 00	28 08 00	17 33 00	00 14 00	04 48 00
73.52	73.63	1.35	9.75	0.97	33.47	41.33	47.35	28.13	17.55	0.23	4.80
0.36	0.35	0.43	0.41	0.43	0.44	0.48	0.45	0.46	0.47	0.48	0.47
00 23 00	03 31 00	47 09 00	57 46 00	63 00 00	63 00 00	63 01 00	02 01 00	01 24 00	62 38 00	62 51 00	61 30 00
0.38	3.52	47.15	57.77	63.00	63.00	63.02	2.02	1.40	62.63	62.85	61.50
0.34	0.34	0.41	0.40	0.41	0.40	0.42	0.41	0.42	0.41	0.46	0.45
0.72	0.73	0.62	0.64	0.62	0.64	0.70	0.72	0.73	0.68	0.74	0.75
73 55 00	73 38 00	00 33 00	00 43 00	31 03 00	00 17 00	17 47 00	62 46 00	16 30 00	19 25 00	00 14 00	01 47 00
73.92	73.63	0.55	0.72	31.05	0.28	17.78	62.77	16.50	19.42	0.23	1.78
0.82	0.82	0.66	0.68	0.67	0.69	0.79	0.79	0.80	0.78	0.78	0.79
60 07 00	61 23 00	54 10 00	47 50 00	06 18 00	51 16 00	63 01 00	61 05 00	63 01 00	63 00 00	51 42 00	14 53 00
60.12	61.38	54.17	47.83	6.30	51.27	63.02	61.08	63.02	63.00	51.70	14.88
0.78	0.79	0.65	0.66	0.65	0.67	0.74	0.76	0.76	0.73	0.76	0.77
0.33	0.33	0.41	0.40	0.42	0.40	0.40	0.40	0.41	0.40	0.47	0.45
07 50 00	08 42 00	01 31 00	09 45 00	00 58 00	01 15 00	61 54 00	47 21 00	28 08 00	62 56 00	00 14 00	30 26 00
7.83	8.70	1.52	9.75	0.97	1.25	61.90	47.35	28.13	62.93	0.23	30.43
0.38	0.37	0.47	0.45	0.47	0.46	0.50	0.48	0.48	0.50	0.53	0.50
67 35 00	35 30 00	43 11 00	60 26 00	21 23 00	63 00 00	63 01 00	00 28 00	03 12 00	29 17 00	43 12 00	62 46 00
67.58	35.50	43.18	60.43	21.38	63.00	63.02	0.47	3.20	29.28	43.20	62.77
0.36	0.35	0.44	0.43	0.45	0.43	0.45	0.44	0.45	0.44	0.50	0.47
0.78	0.79	0.66	0.68	0.66	0.67	0.73	0.77	0.76	0.73	0.79	0.78

47 33 00	73 38 00	02 32 00	02 49 00	61 02 00	01 21 00	61 54 00	62 46 00	06 13 00	62 50 00	00 21 00	30 26 00
47.55	73.63	2.53	2.82	61.03	1.35	61.90	62.77	6.22	62.83	0.35	30.43
0.86	0.86	0.73	0.75	0.73	0.74	0.83	0.84	0.84	0.84	0.86	0.84
60 21 00	37 38 00	62 45 00	29 18 00	05 57 00	32 48 00	63 01 00	27 13 00	38 31 00	29 17 00	35 11 00	39 59 00
60.35	37.63	62.75	29.30	5.95	32.80	63.02	27.22	38.52	29.28	35.18	39.98
0.82	0.82	0.70	0.71	0.70	0.71	0.79	0.81	0.81	0.79	0.83	0.81
67	67	64	65	64	66	65	65	66	64	64	67
38 09 00	42 38 00	17 42 00	29 18 00	28 18 00	44 09 00	24 01 00	27 13 00	12 56 00	29 17 00	35 11 00	42 17 00
38.15	42.63	17.70	29.30	28.30	44.15	24.02	27.22	12.93	29.28	35.18	42.28
74	74	70	70	71	72	70	70	71	70	69	72
07 50 00	66 06 00	62 08 00	58 58 00	04 12 00	01 51 00	44 00 00	01 23 00	59 25 00	60 16 00	39 40 00	30 26 00
7.83	66.10	62.13	58.97	4.20	1.85	44.00	1.38	59.42	60.27	39.67	30.43
70	70	67	68	67	69	68	68	69	67	67	69
0	0	-2	-2	-1	-1	2	1	0	1	-1	-1
04 18 00	35 07 00	63 00 00	41 53 00	63 01 00	35 22 00	00 20 00	00 30 00	00 15 00	01 49 00	34 13 00	42 32 00
4.30	35.12	63.00	41.88	63.02	35.37	0.33	0.50	0.25	1.82	34.22	42.53
-5	4	-8	-8	-8	-7	9	9	9	10	-3	-4
74 05 00	10 29 00	61 31 00	00 35 00	61 54 00	05 39 00	44 21 00	41 37 00	38 21 00	40 39 00	03 48 00	01 25 00
74.08	10.48	61.52	0.58	61.90	5.65	44.35	41.62	38.35	40.65	3.80	1.42
0	2	-5	-5	-5	-4	6	6	5	7	-2	-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
4	7	3	9	5	4	5	3	3	3	3	3
01 21 00	20 12 00	03 50 00	00 19 00	00 16 00	55 36 00	00 12 00	03 44 00	03 44 00	03 45 00	00 13 00	03 54 00
1.35	20.20	3.83	0.32	0.27	55.60	0.20	3.73	3.73	3.75	0.22	3.90
0	0	0	0	0	0	0	0	0	0	0	0
1	1	14	2	16	2	5	2	1	6	4	1
55 53 00	53 53 00	01 53 00	61 19 00	36 47 00	56 35 00	29 06 00	55 40 00	38 02 00	31 07 00	11 10 00	56 54 00
55.88	53.88	1.88	61.32	36.78	56.58	29.10	55.67	38.03	31.12	11.17	56.90
7	8	40	34	50	31	12	11	9	13	13	15
24 39 00	42 14 00	62 45 00	09 53 00	07 49 00	07 47 00	00 15 00	15 01 00	00 11 00	00 45 00	00 45 00	01 05 00
24.65	42.23	62.75	9.88	7.82	7.78	0.25	15.02	0.18	0.75	0.75	1.08
4	3	27	8	27	7	7	4	4	8	7	4
0	1	0	1	0	0	0	0	0	0	0	0
102	102	0	0	0	0	0	0	0	0	104	104

1824	1549	2219	2222	2222	3225	2220	2224	2224	2259	2267	2272
				ntis has e	32 at 67	40					
63:00	63:00	74:06	74:06	74:06	74:06	74:06	74:06	74:06	74:06	74:05	74:05
63	63	74	74	74	74	74	74	74	74	74	74
NIST	NADC	NIST	NIST	NADC	NADC	NIST	NIST	NADC	NADC	NADC	NIST
1	2	1	1	2	2	1	1	2	2	2	1
KODAK	KODAK	S1X	S1X	S1X	S1X	S2X	S2X	S2X	S2X	KODAK	KODAK
3	3	1	1	1	1	2	2	2	2	3	3
8	8	8	8	8	8	8	8	8	8	8	8
204	205	206	207	208	209	210	211	212	213	214	215
45.2	44.5	44.9	44.9	44.6	44.5	44.9	44.9	44.6	44.6	44.5	44.9
49.8	49.8	49.8	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.7	49.8
115.1	115.1	115.8	115.8	115.8	115.8	115.9	115.9	115.9	115.9	115.8	115.9
1.38	1.39	1.19	1.18	1.20	1.20	1.19	1.20	1.20	1.20	1.2	1.17
1.62	1.61	1.62	1.63	1.61	1.61	1.62	1.61	1.61	1.61	1.61	1.65
22	22	15	16	0	22	19	18	20	20	15	16
0.064	0.066	0.079	0.079	0.082	0.079	0.070	0.068	0.070	0.071	0.078	0.076
0.077	0.079	0.094	0.092	0.095	0.096	0.084	0.087	0.089	0.090	0.094	0.091
0.072	0.073	0.088	0.086	0.090	0.089	0.078	0.078	0.080	0.082	0.086	0.085
23	23	22	22	22	22	21	21	21	21	22	22
27	25	26	26	25	25	25	25	24	24	24	26
24	24	23	23	23	23	22	22	22	22	23	23
0.13	-0.18	0.12	0.12	-0.19	-0.20	0.12	0.11	-0.13	-0.14	-0.15	0.12
0.29	-0.01	0.31	0.31	0.02	0.01	0.27	0.27	0.05	0.00	0.03	0.25
0.19	-0.08	0.19	0.19	-0.07	-0.07	0.18	0.17	-0.04	-0.07	-0.05	0.17
-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.3	-0.3	-0.2
0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.1
-0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 44 00	00 09 00	00 12 00	03 50 00	00 03 00	00 04 00	00 04 00	00 09 00	00 28 00	00 06 00
0.05	0.07	0.73	0.15	0.20	3.83	0.05	0.07	0.07	0.15	0.47	0.10
20	33	35	27	36	39	22	23	23	25	25	25
16 35 00	04 58 00	02 46 00	02 46 00	02 45 00	02 45 00	02 40 00	02 40 00	06 08 00	02 40 00	01 57 00	02 44 00
16.58	4.97	2.77	2.77	2.75	2.75	2.67	2.67	6.13	2.67	1.95	2.73
1	1	4	4	4	6	1	1	1	1	2	1
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 04 00	00 44 00	00 09 00	00 12 00	02 12 00	00 03 00	00 04 00	00 04 00	00 09 00	00 12 00	00 06 00
0.05	0.07	0.73	0.15	0.20	2.20	0.05	0.07	0.07	0.15	0.20	0.10
19	15	20	24	23	25	15	20	16	15	15	15
50 16 00	04 58 00	19 49 00	03 07 00	19 11 00	05 55 00	03 57 00	01 39 00	05 50 00	03 01 00	00 22 00	04 01 00
50.27	4.97	19.82	3.12	19.18	5.92	3.95	1.65	5.83	3.02	0.37	4.02
1	1	4	4	3	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
8	9	10	8	9	7	9	9	8	10	7	12
03 48 00	03 47 00	04 33 00	01 13 00	23 13 00	10 25 00	23 08 00	31 24 00	31 23 00	08 00 00	02 34 00	16 25 00
3.80	3.78	4.55	1.22	23.22	10.42	23.13	31.40	31.38	8.00	2.57	16.42
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 03 00	00 03 00	00 03 00	00 03 00	00 04 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	0.07	0.05	0.05	0.05
18	15	19	17	22	22	19	18	17	19	22	19
16 39 00	21 57 00	02 46 00	02 45 00	02 45 00	02 45 00	02 39 00	02 40 00	02 39 00	02 39 00	01 57 00	02 44 00
16.65	21.95	2.77	2.75	2.75	2.75	2.65	2.67	2.65	2.65	1.95	2.73
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 04 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	0.07	0.05	0.05	0.05
226	166	190	201	272	265	269	201	187	209	269	198
16 35 00	21 56 00	02 46 00	02 45 00	02 45 00	02 45 00	02 39 00	02 40 00	02 39 00	02 39 00	01 57 00	02 43 00
16.58	21.93	2.77	2.75	2.75	2.75	2.65	2.67	2.65	2.65	1.95	2.72
1	2	2	2	4	10	1	1	1	2	4	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
11	11	11	0	14	24	0	0	0	0	14	10
63 00 00	63 00 00	02 46 00	00 00 00	21 25 00	23 11 00	00 00 00	00 00 00	00 00 00	00 00 00	14 22 00	74 05 00
63.00	63.00	2.77	0.00	21.42	23.18	0.00	0.00	0.00	0.00	14.37	74.08
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
103	104	0	0	0	0	0	0	0	0	104	102
63 00 00	63 00 00	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
63.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	74.08
0	0	0	0	0	0	0	0	0	0	0	0
0.43	0.43	0.30	0.29	0.28	0.30	0.30	0.30	0.28	0.29	0.28	0.28
05 58 00	19 41 00	00 11 00	73 42 00	18 36 00	11 14 00	73 54 00	71 12 00	73 42 00	74 01 00	74 01 00	70 03 00
5.97	19.68	0.18	73.70	18.60	11.23	73.90	71.20	73.70	74.02	74.02	70.05
0.48	0.48	0.34	0.33	0.32	0.33	0.34	0.34	0.33	0.34	0.31	0.31
62 58 00	60 10 00	74 06 00	62 32 00	69 19 00	70 36 00	73 03 00	00 29 00	00 08 00	03 24 00	68 46 00	28 55 00
62.97	60.17	74.10	62.53	69.32	70.60	73.05	0.48	0.13	3.40	68.77	28.92
0.46	0.45	0.32	0.31	0.30	0.31	0.32	0.32	0.30	0.31	0.29	0.29
0.72	0.74	0.61	0.60	0.60	0.63	0.69	0.70	0.70	0.70	0.65	0.64
60 12 00	00 21 00	03 18 00	73 42 00	08 07 00	00 12 00	73 48 00	27 42 00	73 54 00	74 01 00	73 52 00	73 58 00
60.20	0.35	3.30	73.70	8.12	0.20	73.80	27.70	73.90	74.02	73.87	73.97
0.78	0.80	0.66	0.66	0.66	0.68	0.78	0.77	0.77	0.78	0.70	0.69
56 17 00	55 52 00	09 54 00	65 11 00	68 28 00	67 14 00	72 16 00	68 36 00	71 22 00	69 43 00	13 58 00	09 39 00
56.28	55.87	9.90	65.18	68.47	67.23	72.27	68.60	71.37	69.72	13.97	9.65
0.75	0.78	0.64	0.63	0.63	0.65	0.75	0.74	0.74	0.75	0.68	0.67
0.46	0.45	0.32	0.31	0.29	0.31	0.32	0.32	0.30	0.31	0.30	0.29
00 58 00	18 29 00	03 18 00	73 42 00	18 36 00	22 46 00	73 54 00	70 08 00	74 05 00	73 42 00	73 43 00	70 03 00
0.97	18.48	3.30	73.70	18.60	22.77	73.90	70.13	74.08	73.70	73.72	70.05
0.52	0.52	0.36	0.36	0.33	0.34	0.37	0.37	0.35	0.35	0.33	0.34
44 03 00	54 55 00	21 29 00	36 17 00	64 00 00	62 14 00	73 03 00	25 37 00	00 29 00	00 38 00	68 46 00	28 55 00
44.05	54.92	21.48	36.28	64.00	62.23	73.05	25.62	0.48	0.63	68.77	28.92
0.50	0.48	0.35	0.34	0.31	0.33	0.34	0.34	0.32	0.32	0.32	0.32
0.78	0.78	0.64	0.64	0.63	0.66	0.74	0.77	0.75	0.74	0.70	0.70

00 58 00	01 08 00	03 18 00	73 42 00	04 08 00	01 18 00	73 50 00	73 54 00	73 54 00	73 38 00	68 31 00	49 05 00
0.97	1.13	3.30	73.70	4.13	1.30	73.83	73.90	73.90	73.63	68.52	49.08
0.85	0.87	0.72	0.72	0.70	0.72	0.84	0.85	0.82	0.83	0.76	0.76
44 03 00	54 55 00	23 21 00	57 09 00	48 05 00	67 48 00	68 49 00	53 08 00	64 01 00	68 34 00	33 41 00	30 43 00
44.05	54.92	23.35	57.15	48.08	67.80	68.82	53.13	64.02	68.57	33.68	30.72
0.82	0.82	0.69	0.69	0.67	0.69	0.80	0.81	0.79	0.79	0.73	0.73
65	66	64	64	66	66	65	64	66	67	66	64
44 03 00	28 50 00	38 46 00	41 31 00	13 12 00	22 11 00	34 43 00	40 43 00	44 05 00	37 19 00	33 41 00	30 43 00
44.05	28.83	38.77	41.52	13.20	22.18	34.72	40.72	44.08	37.32	33.68	30.72
70	71	69	70	73	72	70	69	72	72	71	70
38 52 00	01 08 00	64 47 00	70 26 00	53 42 00	22 46 00	70 54 00	44 15 00	68 31 00	09 51 00	68 31 00	02 24 00
38.87	1.13	64.78	70.43	53.70	22.77	70.90	44.25	68.52	9.85	68.52	2.40
67	69	67	67	69	69	67	67	69	69	68	67
-1	-1	-2	0	0	0	0	0	0	0	0	0
38 23 00	39 22 00	73 59 00	74 01 00	73 05 00	73 27 00	00 51 00	00 54 00	03 52 00	01 46 00	41 41 00	05 56 00
38.38	39.37	73.98	74.02	73.08	73.45	0.85	0.90	3.87	1.77	41.68	5.93
-4	-4	-8	-9	-9	-8	-3	-3	-3	-4	-3	-2
01 58 00	01 04 00	72 12 00	69 16 00	70 16 00	00 37 00	72 16 00	70 58 00	00 29 00	02 43 00	02 15 00	69 54 00
1.97	1.07	72.20	69.27	70.27	0.62	72.27	70.97	0.48	2.72	2.25	69.90
-3	-2	-5	-4	-4	-4	0	0	0	0	-1	0
0	0	0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	8	3	3	8	4	3	4	4	3	4	3
60 49 00	63 00 00	02 44 00	02 43 00	00 05 00	38 14 00	02 38 00	31 24 00	31 23 00	02 38 00	74 05 00	02 42 00
60.82	63.00	2.73	2.72	0.08	38.23	2.63	31.40	31.38	2.63	74.08	2.70
0	0	0	0	0	0	0	0	0	0	0	0
5	0	11	5	1	2	6	5	1	1	1	5
23 53 00	03 43 00	72 38 00	67 55 00	73 22 00	67 20 00	50 26 00	36 33 00	19 51 00	65 23 00	56 58 00	44 59 00
23.88	3.72	72.63	67.92	73.37	67.33	50.43	36.55	19.85	65.38	56.97	44.98
18	8	32	32	18	30	21	17	11	13	12	16
05 00 00	15 30 00	03 18 00	70 18 00	10 26 00	02 34 00	73 12 00	73 12 00	73 41 00	03 38 00	40 45 00	73 05 00
5.00	15.50	3.30	70.30	10.43	2.57	73.20	73.20	73.68	3.63	40.75	73.08
8	3	17	10	5	9	9	7	4	4	4	8
0	1	0	0	1	0	0	0	0	0	0	0
103	104	0	0	0	0	0	0	0	0	104	102

2272	1421	1422	1422	1423	1598	1636	1636	1420	1420
74:05	63:01	63:01	63:01	63:01	63:01	63:01	63:01	62:58	62:58
74	63	63	63	63	63	63	63	63	63
NADC	NADC	NIST	NADC	NADC	NADC	NIST	NADC	NIST	NADC
2	2	1	2	2	2	1	2	1	2
KODAK	S1X	S1X	S1X	S1X	S2X	S2X	S2X	JVC	JVC
3	1	1	1	1	2	2	2	4	4
8	9	9	9	9	9	9	9	9	9
216	217	218	219	220	221	222	223	224	225
44.6	44.6	44.9	44.6	44.6	44.6	45	44.6	44.9	44.6
49.8	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.7	49.7
115.8	114.9	114.9	114.9	114.9	114.9	115	115	114.9	114.9
1.2	1.39	1.39	1.39	1.39	1.39	1.38	1.39	1.38	1.39
1.61	1.6	1.61	1.6	1.6	1.6	1.62	1.61	1.62	1.6
24	32	26	35	32	35	30	39	28	25
0.076	0.072	0.076	0.074	0.073	0.067	0.069	0.068	0.075	0.073
0.091	0.080	0.084	0.083	0.081	0.074	0.076	0.075	0.080	0.081
0.084	0.077	0.080	0.079	0.078	0.071	0.074	0.072	0.078	0.078
21	22	21	21	21	24	23	23	23	23
23	24	26	24	23	27	27	26	25	24
22	23	22	22	22	25	25	25	24	24
-0.13	-0.07	0.10	-0.09	-0.08	-0.08	0.11	-0.10	0.10	-0.11
0.03	0.07	0.24	0.03	0.05	0.06	0.24	0.01	0.24	0.05
-0.04	0.00	0.14	-0.03	-0.02	-0.01	0.15	-0.04	0.14	-0.02
-0.3	-0.2	-0.5	-0.2	-0.2	-0.2	-0.4	-0.2	-0.4	-0.3
0.2	0.2	0.0	0.2	0.2	0.2	0.0	0.1	0.0	0.2
-0.1	0.0	-0.3	0.0	0.0	0.0	-0.2	0.0	-0.2	-0.1
0	0	0	0	0	0	0	0	0	0
00 17 00	00 04 00	00 03 00	00 05 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 04 00
0.28	0.07	0.05	0.08	0.05	0.08	0.05	0.05	0.05	0.07
27	24	17	23	17	20	41	42	31	60
02 44 00	09 26 00	08 51 00	33 40 00	02 04 00	04 35 00	24 50 00	24 51 00	43 08 00	00 03 00
2.73	9.43	8.85	33.67	2.07	4.58	24.83	24.85	43.13	0.05
2	1	1	1	1	1	1	2	1	2
0	0	0	0	0	0	0	0	0	0
00 17 00	00 04 00	00 03 00	00 03 00	00 03 00	00 05 00	00 03 00	00 03 00	00 03 00	00 04 00
0.28	0.07	0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.07
13	13	12	13	14	16	19	25	16	17
02 44 00	30 50 00	20 33 00	39 09 00	53 56 00	53 18 00	29 27 00	26 45 00	43 08 00	43 08 00
2.73	30.83	20.55	39.15	53.93	53.30	29.45	26.75	43.13	43.13
1	1	1	1	0	0	0	1	0	1
0	0	0	0	0	0	0	0	0	0
00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
12	8	6	9	6	9	9	10	10	9
16 24 00	39 50 00	56 35 00	02 00 00	56 34 00	04 32 00	23 05 00	00 59 00	43 02 00	02 25 00
16.40	39.83	56.58	2.00	56.57	4.53	23.08	0.98	43.03	2.42
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 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.07
21	15	14	19	17	16	29	29	20	55
02 43 00	08 50 00	08 51 00	33 40 00	08 50 00	29 34 00	24 50 00	24 50 00	42 07 00	00 03 00
2.72	8.83	8.85	33.67	8.83	29.57	24.83	24.83	42.12	0.05
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 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.07
270	192	162	196	154	162	330	345	258	274
02 43 00	18 45 00	18 46 00	33 40 00	18 44 00	29 34 00	24 39 00	24 38 00	41 20 00	41 17 00
2.72	18.75	18.77	33.67	18.73	29.57	24.65	24.63	41.33	41.28
4	4	0	6	2	1	7	9	4	9
0	0	0	0	0	0	0	0	0	0
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 04 00
0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.07
14	0	0	26	14	0	24	37	21	128
14 16 00	00 00 00	00 00 00	37 16 00	01 40 00	00 00 00	24 49 00	27 43 00	00 27 00	00 03 00
14.27	0.00	0.00	37.27	1.67	0.00	24.82	27.72	0.45	0.05
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 05 00	00 03 00	00 03 00	00 03 00	00 03 00	00 03 00	00 04 00
0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.07
101	0	0	206	0	0	0	0	204	1232
74 05 00	00 00 00	00 00 00	00 04 00	00 00 00	00 00 00	00 00 00	00 00 00	00 27 00	00 03 00
74.08	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.45	0.05
0	0	0	0	0	0	0	0	0	0
0.27	0.44	0.46	0.46	0.45	0.43	0.44	0.43	0.44	0.43
30 51 00	32 51 00	26 53 00	21 54 00	25 38 00	22 16 00	60 20 00	25 13 00	26 51 00	23 35 00
30.85	32.85	26.88	21.90	25.63	22.27	60.33	25.22	26.85	23.58
0.30	0.52	0.54	0.53	0.53	0.50	0.51	0.50	0.51	0.50
06 04 00	00 33 00	00 06 00	00 03 00	00 13 00	00 04 00	00 08 00	00 26 00	01 43 00	00 29 00
6.07	0.55	0.10	0.05	0.22	0.07	0.13	0.43	1.72	0.48
0.29	0.47	0.49	0.49	0.48	0.46	0.46	0.46	0.47	0.46
0.65	0.69	0.70	0.70	0.70	0.70	0.69	0.70	0.69	0.69
74 01 00	26 26 00	21 34 00	22 39 00	28 23 00	23 34 00	61 17 00	23 34 00	27 42 00	24 49 00
74.02	26.43	21.57	22.65	28.38	23.57	61.28	23.57	27.70	24.82
0.70	0.79	0.80	0.79	0.79	0.79	0.81	0.80	0.79	0.78
14 10 00	00 16 00	00 06 00	00 03 00	00 06 00	00 21 00	00 06 00	00 30 00	00 40 00	00 38 00
14.17	0.27	0.10	0.05	0.10	0.35	0.10	0.50	0.67	0.63
0.68	0.73	0.73	0.74	0.74	0.73	0.73	0.74	0.72	0.72
0.30	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.48
22 12 00	32 51 00	59 54 00	28 37 00	25 38 00	34 16 00	50 19 00	20 34 00	29 14 00	23 35 00
22.20	32.85	59.90	28.62	25.63	34.27	50.32	20.57	29.23	23.58
0.33	0.55	0.56	0.55	0.55	0.54	0.55	0.53	0.55	0.53
16 26 00	00 33 00	03 43 00	00 37 00	00 13 00	06 37 00	00 54 00	00 26 00	42 06 00	00 29 00
16.43	0.55	3.72	0.62	0.22	6.62	0.90	0.43	42.10	0.48
0.31	0.53	0.53	0.53	0.53	0.52	0.52	0.51	0.52	0.51
0.70	0.77	0.77	0.76	0.77	0.79	0.78	0.78	0.77	0.76

72 24 00	23 23 00	28 58 00	15 15 00	23 14 00	17 35 00	50 19 00	22 41 00	29 14 00	20 16 00
72.40	23.38	28.97	15.25	23.23	17.58	50.32	22.68	29.23	20.27
0.77	0.84	0.85	0.83	0.84	0.86	0.88	0.84	0.84	0.82
28 04 00	57 21 00	08 50 00	40 57 00	46 50 00	52 19 00	00 54 00	05 54 00	42 06 00	48 28 00
28.07	57.35	8.83	40.95	46.83	52.32	0.90	5.90	42.10	48.47
0.74	0.81	0.80	0.80	0.80	0.83	0.83	0.82	0.80	0.79
65	63	64	65	64	62	62	63	62	64
28 04 00	26 05 00	30 19 00	23 14 00	46 50 00	30 32 00	54 11 00	24 05 00	42 06 00	23 33 00
28.07	26.08	30.32	23.23	46.83	30.53	54.18	24.08	42.10	23.55
70	70	73	71	71	69	70	70	71	71
08 28 00	00 16 00	00 19 00	02 43 00	00 37 00	00 46 00	00 23 00	00 03 00	01 41 00	01 25 00
8.47	0.27	0.32	2.72	0.62	0.77	0.38	0.05	1.68	1.42
68	66	67	67	67	65	65	66	66	67
0	-2	-1	-2	-1	-1	-1	-1	0	0
18 42 00	63 00 00	05 17 00	03 15 00	01 59 00	34 32 00	00 24 00	00 24 00	07 59 00	06 16 00
18.70	63.00	5.28	3.25	1.98	34.53	0.40	0.40	7.98	6.27
-2	-9	-9	-8	-9	-6	-5	-6	-4	-4
00 45 00	59 42 00	60 06 00	60 12 00	61 08 00	19 56 00	57 50 00	18 46 00	62 55 00	62 44 00
0.75	59.70	60.10	60.20	61.13	19.93	57.83	18.77	62.92	62.73
0	-6	-5	-5	-5	-4	-3	-3	-1	-1
0	0	0	0	0	0	0	0	0	0
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 04 00
0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.05	0.07
4	5	3	5	3	3	4	4	6	5
14 36 00	00 11 00	08 50 00	00 04 00	01 22 00	04 31 00	24 24 00	24 24 00	42 59 00	00 03 00
14.60	0.18	8.83	0.07	1.37	4.52	24.40	24.40	42.98	0.05
0	0	0	0	0	0	0	0	0	0
2	1	21	3	3	1	6	1	6	2
45 16 00	53 40 00	00 28 00	60 44 00	51 39 00	45 31 00	24 53 03	02 34 00	55 12 00	45 03 00
45.27	53.67	0.47	60.73	51.65	45.52	24.88	2.57	55.20	45.05
12	26	44	38	35	19	24	20	17	13
00 37 00	58 32 00	47 53 00	60 01 00	61 14 00	61 39 00	59 22 00	59 25 00	22 32 00	22 41 00
0.62	58.53	47.88	60.02	61.23	61.65	59.37	59.42	22.53	22.68
4	6	34	16	9	5	14	5	8	4
0	0	0	0	0	0	0	0	0	0
101	0	0	409	0	0	0	0	511	1278