



**National Semiconductor Corporation
Radiation Effects Laboratory
South Portland, Maine 04106**

ANALOG TOTAL DOSE RADIATION REPORT

Customer: ELDRS Rad. Qual.

Part Type: RM124AJRQMLV

Input Bias Circuit: 7106 IR

Dose Rate: 12 mrd(Si)/s (ELDRS)

Test Program Used: RH0124AXYD

Tester: L.Collins

Wafer Run Number: JM04BX11

Wafer Number: 5

Package Type: JCDIP014

Production Lot #: 9B5571G019

IPI #: N/A

Disposition: PASSES

Summary:

Passes Room Temp @: 100k

Part Out of Room Temp Spec @: N/A (no devices failed)

Functional Failed @: N/A (no devices failed functionally)

Parameters over Limit:

Review By: Mike Maher

Reviewed By QA: Mike Maher January 05, 2005

Note:

These parts may be dose rate sensitive in a space environment and demonstrate enhanced low dose rate effect.

Standard Test Flow Sheet For Rad Testing
Customer Special Attachment
Rad Hard Linear

Comment:

Comment:

NSID# RM124AJRQMLV

LOT# 9B5571G019

IPI# N/A

Test Program: RH0124AXYD

Machine: LTX 01-03

Operator: D0226

Bias Board: 7106 IR

Start Time: 12:36 P.M

Finish Time: 3:22 P.M

Start Date: 12/Aug/2004

Finish Date: 04/Jan/2005

QA: January 5, 2005

Control Units s/n: #24 #25

Duts : #26 #27 #28 #29 #30 #31

Location Step	Operation Mtd/Cond	Qty In	Qty Out	Var	Mech	Rej	FF
PASS	Pre - Rad Read/Rec. Tp1	6	6	0	0	0	0
	<i>Irradiation</i> 3k <i>Level</i>	6	6	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp2	6	6	0	0	0	0
	<i>Irradiation</i> 12k <i>Level</i>	6	6	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp3	6	6	0	0	0	0

Standard Test Flow Sheet For Rad Testing II
Customer Special Attachment
Rad Hard Linear

Comment:

Comment:

Comment:

Comment:

NSID# RM124AJRQMLV

LOT# 9B5571G019

IPI# N/A

Location Step	Operation Mtd/Cond	Qty In	Qty Out	Var	Mech	Rej	FF
	Irradiation	6	6	0	0		
	31k Level					N/A	N/A
PASS	Post Rad Read/Rec. Tp4	6	6	0	0	0	0
	Irradiation	6	6	0	0		
	52k Level					N/A	N/A
PASS	Post Rad Read/Rec. Tp5	6	6	0	0	0	0
	Irradiation	6	6	0	0		
	80k Level					N/A	N/A
PASS	Post Rad Read/Rec. Tp6	6	6	0	0	0	0
	Irradiation	6	6	0	0		
	100k Level					N/A	N/A
PASS	Post Rad Read/Rec. Tp7	6	6	0	0	0	0

Note: All irradiation's are done per MAS-5010

DEVICE	24	BIN	1	HEAD	3	12:33 PM	08/12/2004
600.0	300	700.0	25 DGR	800.0	502.6 UA		
900.0	0.78 MA	1001.0	-0.242 MV	2001.0	-0.305 MV		
3001.0	-0.330 MV	4001.0	-0.898 MV	1002.0	-0.319 MV		
2002.0	-0.394 MV	3002.0	-0.388 MV	4002.0	-0.990 MV		
1003.0	-0.21 MV	2003.0	-0.36 MV	3003.0	-0.38 MV		
4003.0	-0.82 MV	1004.0	-0.21 MV	2004.0	-0.39 MV		
3004.0	-0.40 MV	4004.0	-0.85 MV	1005.0	0.12 NA		
2005.0	-0.17 NA	3005.0	0.14 NA	4005.0	0.10 NA		
1006.0	-0.05 NA	2006.0	-0.20 NA	3006.0	0.00 NA		
4006.0	-0.02 NA	1007.0	0.24 NA	2007.0	0.04 NA		
3007.0	0.06 NA	4007.0	0.03 NA	1008.0	0.05 NA		
2008.0	-0.09 NA	3008.0	0.05 NA	4008.0	0.01 NA		
1009.0	-15.09 NA	2009.0	-15.07 NA	3009.0	-14.96 NA		
4009.0	-15.19 NA	1010.0	-8.46 NA	2010.0	-8.63 NA		
3010.0	-8.60 NA	4010.0	-8.59 NA	1011.0	-10.30 NA		
2011.0	-10.19 NA	3011.0	-10.27 NA	4011.0	-10.50 NA		
1012.0	-9.50 NA	2012.0	-9.62 NA	3012.0	-9.57 NA		
4012.0	-9.58 NA	1013.0	-15.21 NA	2013.0	-14.90 NA		
3013.0	-15.10 NA	4013.0	-15.29 NA	1014.0	-8.41 NA		
2014.0	-8.43 NA	3014.0	-8.60 NA	4014.0	-8.57 NA		
1015.0	-10.54 NA	2015.0	-10.23 NA	3015.0	-10.33 NA		
4015.0	-10.53 NA	116.0	-9.55 NA	216.0	-9.53 NA		
316.0	-9.63 NA	416.0	-9.59 NA	1017.0	-1.86 UV		
2017.0	2.15 UV	3017.0	1.58 UV	4017.0	-3.30 UV		
1018.0	111.21 DB	2018.0	109.89 DB	3018.0	113.68 DB		
4018.0	109.64 DB	1019.0	-42.2 MA	2019.0	-39.2 MA		
3019.0	-38.7 MA	4019.0	-41.0 MA	61.0	0.93 MA		
1020.0	28.568 V	2020.0	28.564 V	3020.0	28.557 V		
4020.0	28.554 V	1021.0	28.174 V	2021.0	28.169 V		
3021.0	28.157 V	4021.0	28.161 V	1022.0	504.83 V/MV		
2022.0	502.57 V/MV	3022.0	500.69 V/MV	4022.0	507.52 V/MV		
1023.0	164.03 V/MV	2023.0	141.04 V/MV	3023.0	143.10 V/MV		
4023.0	146.72 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV		
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV		
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV		
1026.0	0.540 MV	2026.0	0.607 MV	3026.0	0.426 MV		
4026.0	0.015 MV	1027.0	0.871 V	2027.0	0.870 V		
3027.0	0.870 V	4027.0	0.875 V	1028.0	7 MV		
2028.0	7 MV	3028.0	7 MV	4028.0	7 MV		
1029.0	28.328 V	2029.0	28.326 V	3029.0	28.313 V		
4029.0	28.305 V	1030.0	2.83 V	2030.0	2.83 V		
3030.0	2.81 V	4030.0	2.81 V	1031.0	300.69 NS		
2031.0	302.67 NS	3031.0	323.44 NS	4031.0	315.53 NS		
1032.0	24.13 %	2032.0	28.26 %	3032.0	24.31 %		
4032.0	24.59 %	1033.0	0.358 V/US	2033.0	0.358 V/US		
3033.0	0.330 V/US	4033.0	0.335 V/US	1034.0	0.365 V/US		
2034.0	0.369 V/US	3034.0	0.341 V/US	4034.0	0.347 V/US		

600.0	300	700.0	25 DGR	800.0	467.4 UA
900.0	0.77 MA	1001.0	-0.018 MV	2001.0	-0.053 MV
3001.0	-0.119 MV	4001.0	0.013 MV	1002.0	0.489 MV
2002.0	0.443 MV	3002.0	0.362 MV	4002.0	0.537 MV
1003.0	-0.07 MV	2003.0	-0.13 MV	3003.0	-0.11 MV
4003.0	-0.00 MV	1004.0	0.03 MV	2004.0	-0.04 MV
3004.0	-0.04 MV	4004.0	0.07 MV	1005.0	-0.18 NA
2005.0	0.08 NA	3005.0	-0.28 NA	4005.0	0.28 NA
1006.0	-0.15 NA	2006.0	-0.12 NA	3006.0	-0.19 NA
4006.0	0.03 NA	1007.0	0.05 NA	2007.0	-0.11 NA
3007.0	-0.08 NA	4007.0	-0.12 NA	1008.0	-0.06 NA
2008.0	-0.06 NA	3008.0	-0.21 NA	4008.0	0.01 NA
1009.0	-17.00 NA	2009.0	-16.37 NA	3009.0	-16.52 NA
4009.0	-16.85 NA	1010.0	-9.34 NA	2010.0	-9.19 NA
3010.0	-9.19 NA	4010.0	-9.39 NA	1011.0	-10.85 NA
2011.0	-10.53 NA	3011.0	-10.55 NA	4011.0	-11.13 NA
1012.0	-10.15 NA	2012.0	-9.97 NA	3012.0	-10.00 NA
4012.0	-10.01 NA	1013.0	-16.82 NA	2013.0	-16.45 NA
3013.0	-16.24 NA	4013.0	-17.12 NA	1014.0	-9.19 NA
2014.0	-9.07 NA	3014.0	-9.00 NA	4014.0	-9.42 NA
1015.0	-10.90 NA	2015.0	-10.42 NA	3015.0	-10.47 NA
4015.0	-11.01 NA	116.0	-10.10 NA	216.0	-9.91 NA
316.0	-9.79 NA	416.0	-10.03 NA	1017.0	1.58 UV
2017.0	-0.76 UV	3017.0	-0.28 UV	4017.0	0.78 UV
1018.0	94.85 DB	2018.0	93.44 DB	3018.0	95.30 DB
4018.0	94.56 DB	1019.0	-40.1 MA	2019.0	-40.3 MA
3019.0	-40.4 MA	4019.0	-39.5 MA	61.0	1.02 MA
1020.0	28.596 V	2020.0	28.594 V	3020.0	28.586 V
4020.0	28.584 V	1021.0	28.070 V	2021.0	28.068 V
3021.0	28.060 V	4021.0	28.060 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	177.19 V/MV	2023.0	168.80 V/MV	3023.0	181.33 V/MV
4023.0	196.26 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.580 MV	2026.0	1.580 MV	3026.0	1.198 MV
4026.0	1.241 MV	1027.0	0.876 V	2027.0	0.875 V
3027.0	0.873 V	4027.0	0.875 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	7 MV
1029.0	28.358 V	2029.0	28.357 V	3029.0	28.345 V
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	330.86 NS
2031.0	327.89 NS	3031.0	348.70 NS	4031.0	334.83 NS
1032.0	19.27 %	2032.0	23.01 %	3032.0	19.77 %
4032.0	20.33 %	1033.0	0.316 V/US	2033.0	0.320 V/US
3033.0	0.296 V/US	4033.0	0.308 V/US	1034.0	0.331 V/US
2034.0	0.330 V/US	3034.0	0.307 V/US	4034.0	0.319 V/US

600.0	300	700.0	25 DGR	800.0	508.8 UA
900.0	0.77 MA	1001.0	-0.107 MV	2001.0	-0.123 MV
3001.0	-0.473 MV	4001.0	0.114 MV	1002.0	0.357 MV
2002.0	0.467 MV	3002.0	0.057 MV	4002.0	0.602 MV
1003.0	-0.13 MV	2003.0	-0.11 MV	3003.0	-0.43 MV
4003.0	0.08 MV	1004.0	-0.04 MV	2004.0	-0.01 MV
3004.0	-0.35 MV	4004.0	0.14 MV	1005.0	-0.14 NA
2005.0	-0.20 NA	3005.0	0.00 NA	4005.0	0.04 NA
1006.0	-0.16 NA	2006.0	-0.28 NA	3006.0	-0.05 NA
4006.0	-0.11 NA	1007.0	-0.06 NA	2007.0	-0.08 NA
3007.0	0.02 NA	4007.0	-0.09 NA	1008.0	-0.13 NA
2008.0	0.21 NA	3008.0	0.03 NA	4008.0	-0.05 NA
1009.0	-17.66 NA	2009.0	-17.30 NA	3009.0	-17.14 NA
4009.0	-17.78 NA	1010.0	-9.58 NA	2010.0	-9.54 NA
3010.0	-9.40 NA	4010.0	-9.65 NA	1011.0	-11.52 NA
2011.0	-11.00 NA	3011.0	-11.06 NA	4011.0	-11.48 NA
1012.0	-10.50 NA	2012.0	-10.12 NA	3012.0	-10.09 NA
4012.0	-10.46 NA	1013.0	-17.52 NA	2013.0	-17.09 NA
3013.0	-17.14 NA	4013.0	-17.82 NA	1014.0	-9.42 NA
2014.0	-9.26 NA	3014.0	-9.35 NA	4014.0	-9.53 NA
1015.0	-11.46 NA	2015.0	-10.93 NA	3015.0	-11.08 NA
4015.0	-11.39 NA	116.0	-10.37 NA	216.0	-10.33 NA
316.0	-10.12 NA	416.0	-10.41 NA	1017.0	0.40 UV
2017.0	-0.57 UV	3017.0	-1.69 UV	4017.0	1.51 UV
1018.0	95.62 DB	2018.0	93.52 DB	3018.0	94.46 DB
4018.0	95.18 DB	1019.0	-40.4 MA	2019.0	-40.8 MA
3019.0	-40.6 MA	4019.0	-39.3 MA	61.0	1.01 MA
1020.0	28.600 V	2020.0	28.597 V	3020.0	28.590 V
4020.0	28.585 V	1021.0	28.019 V	2021.0	28.014 V
3021.0	28.007 V	4021.0	28.012 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	172.75 V/MV	2023.0	196.74 V/MV	3023.0	180.51 V/MV
4023.0	161.63 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.453 MV	2026.0	1.546 MV	3026.0	1.110 MV
4026.0	1.122 MV	1027.0	0.879 V	2027.0	0.879 V
3027.0	0.877 V	4027.0	0.879 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.359 V	2029.0	28.359 V	3029.0	28.349 V
4029.0	28.343 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	331.85 NS
2031.0	347.71 NS	3031.0	362.58 NS	4031.0	356.63 NS
1032.0	17.05 %	2032.0	20.73 %	3032.0	17.80 %
4032.0	18.06 %	1033.0	0.306 V/US	2033.0	0.302 V/US
3033.0	0.286 V/US	4033.0	0.293 V/US	1034.0	0.321 V/US
2034.0	0.316 V/US	3034.0	0.297 V/US	4034.0	0.304 V/US

600.0	300	700.0	25 DGR	800.0	543.2 UA
900.0	0.75 MA	1001.0	-0.255 MV	2001.0	-0.034 MV
3001.0	-0.005 MV	4001.0	0.181 MV	1002.0	0.412 MV
2002.0	0.544 MV	3002.0	0.565 MV	4002.0	0.644 MV
1003.0	-0.22 MV	2003.0	-0.09 MV	3003.0	-0.02 MV
4003.0	0.17 MV	1004.0	-0.11 MV	2004.0	-0.00 MV
3004.0	0.07 MV	4004.0	0.23 MV	1005.0	0.19 NA
2005.0	0.10 NA	3005.0	0.34 NA	4005.0	-0.13 NA
1006.0	-0.02 NA	2006.0	-0.07 NA	3006.0	0.10 NA
4006.0	-0.13 NA	1007.0	0.20 NA	2007.0	0.01 NA
3007.0	0.22 NA	4007.0	-0.14 NA	1008.0	0.08 NA
2008.0	0.06 NA	3008.0	-0.02 NA	4008.0	-0.23 NA
1009.0	-17.04 NA	2009.0	-16.71 NA	3009.0	-16.52 NA
4009.0	-17.57 NA	1010.0	-9.06 NA	2010.0	-8.92 NA
3010.0	-8.83 NA	4010.0	-9.28 NA	1011.0	-11.21 NA
2011.0	-10.91 NA	3011.0	-10.82 NA	4011.0	-11.50 NA
1012.0	-10.22 NA	2012.0	-10.18 NA	3012.0	-10.09 NA
4012.0	-10.48 NA	1013.0	-17.23 NA	2013.0	-16.80 NA
3013.0	-16.86 NA	4013.0	-17.44 NA	1014.0	-9.04 NA
2014.0	-8.85 NA	3014.0	-8.93 NA	4014.0	-9.15 NA
1015.0	-11.40 NA	2015.0	-10.92 NA	3015.0	-11.04 NA
4015.0	-11.37 NA	116.0	-10.29 NA	216.0	-10.24 NA
316.0	-10.07 NA	416.0	-10.26 NA	1017.0	-1.54 UV
2017.0	2.30 UV	3017.0	0.54 UV	4017.0	0.55 UV
1018.0	92.46 DB	2018.0	93.71 DB	3018.0	93.84 DB
4018.0	95.63 DB	1019.0	-41.9 MA	2019.0	-40.4 MA
3019.0	-39.8 MA	4019.0	-40.7 MA	61.0	1.00 MA
1020.0	28.594 V	2020.0	28.591 V	3020.0	28.583 V
4020.0	28.581 V	1021.0	27.985 V	2021.0	27.981 V
3021.0	27.972 V	4021.0	27.977 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	174.22 V/MV	2023.0	211.38 V/MV	3023.0	195.94 V/MV
4023.0	156.39 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.348 MV	2026.0	1.339 MV	3026.0	1.081 MV
4026.0	1.002 MV	1027.0	0.881 V	2027.0	0.881 V
3027.0	0.879 V	4027.0	0.880 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV
1029.0	28.354 V	2029.0	28.353 V	3029.0	28.341 V
4029.0	28.340 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	335.82 NS
2031.0	352.67 NS	3031.0	374.48 NS	4031.0	365.55 NS
1032.0	19.03 %	2032.0	21.30 %	3032.0	17.55 %
4032.0	17.60 %	1033.0	0.294 V/US	2033.0	0.288 V/US
3033.0	0.276 V/US	4033.0	0.283 V/US	1034.0	0.311 V/US
2034.0	0.301 V/US	3034.0	0.284 V/US	4034.0	0.291 V/US

600.0	300	700.0	25 DGR	800.0	510.8 UA
900.0	0.77 MA	1001.0	-0.005 MV	2001.0	-0.309 MV
3001.0	-0.158 MV	4001.0	-0.183 MV	1002.0	0.505 MV
2002.0	0.195 MV	3002.0	0.303 MV	4002.0	0.364 MV
1003.0	-0.04 MV	2003.0	-0.30 MV	3003.0	-0.13 MV
4003.0	-0.17 MV	1004.0	0.06 MV	2004.0	-0.22 MV
3004.0	-0.07 MV	4004.0	-0.09 MV	1005.0	0.10 NA
2005.0	0.10 NA	3005.0	-0.25 NA	4005.0	0.54 NA
1006.0	0.03 NA	2006.0	-0.12 NA	3006.0	-0.15 NA
4006.0	0.08 NA	1007.0	0.25 NA	2007.0	-0.11 NA
3007.0	-0.03 NA	4007.0	0.04 NA	1008.0	0.17 NA
2008.0	-0.01 NA	3008.0	0.10 NA	4008.0	0.37 NA
1009.0	-17.27 NA	2009.0	-16.37 NA	3009.0	-16.91 NA
4009.0	-17.00 NA	1010.0	-9.53 NA	2010.0	-9.34 NA
3010.0	-9.50 NA	4010.0	-9.63 NA	1011.0	-11.05 NA
2011.0	-10.67 NA	3011.0	-10.86 NA	4011.0	-11.19 NA
1012.0	-10.11 NA	2012.0	-10.04 NA	3012.0	-10.00 NA
4012.0	-10.04 NA	1013.0	-17.37 NA	2013.0	-16.47 NA
3013.0	-16.66 NA	4013.0	-17.54 NA	1014.0	-9.56 NA
2014.0	-9.21 NA	3014.0	-9.35 NA	4014.0	-9.70 NA
1015.0	-11.30 NA	2015.0	-10.55 NA	3015.0	-10.83 NA
4015.0	-11.23 NA	116.0	-10.28 NA	216.0	-10.03 NA
316.0	-10.10 NA	416.0	-10.41 NA	1017.0	0.90 UV
2017.0	-0.24 UV	3017.0	-1.09 UV	4017.0	-0.45 UV
1018.0	94.79 DB	2018.0	94.91 DB	3018.0	95.68 DB
4018.0	94.19 DB	1019.0	-40.3 MA	2019.0	-40.4 MA
3019.0	-40.3 MA	4019.0	-39.6 MA	61.0	1.02 MA
1020.0	28.597 V	2020.0	28.594 V	3020.0	28.587 V
4020.0	28.585 V	1021.0	28.066 V	2021.0	28.064 V
3021.0	28.055 V	4021.0	28.056 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	182.31 V/MV	2023.0	178.53 V/MV	3023.0	168.34 V/MV
4023.0	180.38 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.556 MV	2026.0	1.575 MV	3026.0	1.274 MV
4026.0	1.174 MV	1027.0	0.876 V	2027.0	0.876 V
3027.0	0.875 V	4027.0	0.876 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	7 MV
1029.0	28.358 V	2029.0	28.357 V	3029.0	28.346 V
4029.0	28.343 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	317.98 NS
2031.0	332.84 NS	3031.0	354.65 NS	4031.0	343.75 NS
1032.0	20.15 %	2032.0	23.57 %	3032.0	20.15 %
4032.0	20.98 %	1033.0	0.319 V/US	2033.0	0.316 V/US
3033.0	0.297 V/US	4033.0	0.305 V/US	1034.0	0.332 V/US
2034.0	0.328 V/US	3034.0	0.308 V/US	4034.0	0.317 V/US

600.0	300	700.0	25 DGR	800.0	510.0 UA
900.0	0.76 MA	1001.0	-0.494 MV	2001.0	0.186 MV
3001.0	-0.155 MV	4001.0	-0.028 MV	1002.0	0.163 MV
2002.0	0.708 MV	3002.0	0.490 MV	4002.0	0.489 MV
1003.0	-0.42 MV	2003.0	0.12 MV	3003.0	-0.16 MV
4003.0	0.00 MV	1004.0	-0.31 MV	2004.0	0.20 MV
3004.0	-0.07 MV	4004.0	0.07 MV	1005.0	0.16 NA
2005.0	0.08 NA	3005.0	0.20 NA	4005.0	-0.14 NA
1006.0	-0.05 NA	2006.0	-0.09 NA	3006.0	0.02 NA
4006.0	-0.07 NA	1007.0	0.10 NA	2007.0	-0.04 NA
3007.0	0.12 NA	4007.0	0.00 NA	1008.0	-0.03 NA
2008.0	0.03 NA	3008.0	-0.09 NA	4008.0	-0.20 NA
1009.0	-17.20 NA	2009.0	-16.65 NA	3009.0	-16.56 NA
4009.0	-17.40 NA	1010.0	-9.13 NA	2010.0	-8.98 NA
3010.0	-8.97 NA	4010.0	-9.32 NA	1011.0	-11.21 NA
2011.0	-10.84 NA	3011.0	-10.79 NA	4011.0	-11.38 NA
1012.0	-10.27 NA	2012.0	-10.15 NA	3012.0	-10.09 NA
4012.0	-10.40 NA	1013.0	-17.36 NA	2013.0	-16.72 NA
3013.0	-16.76 NA	4013.0	-17.26 NA	1014.0	-9.07 NA
2014.0	-8.89 NA	3014.0	-8.98 NA	4014.0	-9.25 NA
1015.0	-11.31 NA	2015.0	-10.80 NA	3015.0	-10.91 NA
4015.0	-11.38 NA	116.0	-10.24 NA	216.0	-10.17 NA
316.0	-10.00 NA	416.0	-10.19 NA	1017.0	-3.41 UV
2017.0	2.99 UV	3017.0	0.03 UV	4017.0	-0.92 UV
1018.0	92.59 DB	2018.0	94.59 DB	3018.0	92.76 DB
4018.0	94.67 DB	1019.0	-41.6 MA	2019.0	-40.6 MA
3019.0	-40.3 MA	4019.0	-40.5 MA	61.0	1.02 MA
1020.0	28.594 V	2020.0	28.592 V	3020.0	28.585 V
4020.0	28.581 V	1021.0	27.988 V	2021.0	27.988 V
3021.0	27.980 V	4021.0	27.982 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	183.81 V/MV	2023.0	194.14 V/MV	3023.0	181.21 V/MV
4023.0	155.88 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.520 MV	2026.0	1.518 MV	3026.0	1.174 MV
4026.0	1.155 MV	1027.0	0.880 V	2027.0	0.881 V
3027.0	0.879 V	4027.0	0.879 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	8 MV
1029.0	28.353 V	2029.0	28.355 V	3029.0	28.344 V
4029.0	28.342 V	1030.0	2.86 V	2030.0	2.87 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	345.73 NS
2031.0	348.70 NS	3031.0	370.51 NS	4031.0	356.63 NS
1032.0	16.63 %	2032.0	20.73 %	3032.0	17.37 %
4032.0	18.37 %	1033.0	0.298 V/US	2033.0	0.299 V/US
3033.0	0.277 V/US	4033.0	0.290 V/US	1034.0	0.316 V/US
2034.0	0.308 V/US	3034.0	0.288 V/US	4034.0	0.300 V/US

DEVICE	30	BIN	1	HEAD 3	12:34 PM	08/12/2004
600.0	300	700.0	25 DGR	800.0	543.7 UA	
900.0	0.76 MA	1001.0	0.095 MV	2001.0	-0.006 MV	
3001.0	-0.226 MV	4001.0	-0.029 MV	1002.0	0.695 MV	
2002.0	0.655 MV	3002.0	0.305 MV	4002.0	0.538 MV	
1003.0	0.06 MV	2003.0	0.01 MV	3003.0	-0.18 MV	
4003.0	-0.03 MV	1004.0	0.18 MV	2004.0	0.12 MV	
3004.0	-0.11 MV	4004.0	0.04 MV	1005.0	0.10 NA	
2005.0	-0.16 NA	3005.0	-0.06 NA	4005.0	0.07 NA	
1006.0	-0.08 NA	2006.0	-0.26 NA	3006.0	-0.10 NA	
4006.0	-0.09 NA	1007.0	0.16 NA	2007.0	-0.35 NA	
3007.0	0.20 NA	4007.0	-0.38 NA	1008.0	-0.04 NA	
2008.0	-0.15 NA	3008.0	0.11 NA	4008.0	0.03 NA	
1009.0	-17.49 NA	2009.0	-16.75 NA	3009.0	-17.01 NA	
4009.0	-17.44 NA	1010.0	-9.33 NA	2010.0	-9.20 NA	
3010.0	-9.23 NA	4010.0	-9.48 NA	1011.0	-11.20 NA	
2011.0	-10.99 NA	3011.0	-10.90 NA	4011.0	-11.68 NA	
1012.0	-10.26 NA	2012.0	-10.21 NA	3012.0	-10.09 NA	
4012.0	-10.34 NA	1013.0	-17.58 NA	2013.0	-16.59 NA	
3013.0	-16.95 NA	4013.0	-17.51 NA	1014.0	-9.24 NA	
2014.0	-8.95 NA	3014.0	-9.13 NA	4014.0	-9.39 NA	
1015.0	-11.37 NA	2015.0	-10.65 NA	3015.0	-11.10 NA	
4015.0	-11.30 NA	116.0	-10.22 NA	216.0	-10.06 NA	
316.0	-10.19 NA	416.0	-10.37 NA	1017.0	0.55 UV	
2017.0	-0.59 UV	3017.0	-1.73 UV	4017.0	0.33 UV	
1018.0	93.39 DB	2018.0	92.54 DB	3018.0	94.44 DB	
4018.0	93.87 DB	1019.0	-40.7 MA	2019.0	-40.8 MA	
3019.0	-40.4 MA	4019.0	-39.6 MA	61.0	1.01 MA	
1020.0	28.598 V	2020.0	28.597 V	3020.0	28.587 V	
4020.0	28.585 V	1021.0	28.015 V	2021.0	28.007 V	
3021.0	28.000 V	4021.0	28.008 V	1022.0	504.83 V/MV	
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV	
1023.0	166.62 V/MV	2023.0	191.33 V/MV	3023.0	180.05 V/MV	
4023.0	171.38 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.458 MV	2026.0	1.541 MV	3026.0	1.148 MV	
4026.0	1.193 MV	1027.0	0.879 V	2027.0	0.879 V	
3027.0	0.877 V	4027.0	0.878 V	1028.0	8 MV	
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV	
1029.0	28.361 V	2029.0	28.359 V	3029.0	28.348 V	
4029.0	28.347 V	1030.0	2.87 V	2030.0	2.87 V	
3030.0	2.86 V	4030.0	2.86 V	1031.0	336.81 NS	
2031.0	353.66 NS	3031.0	367.54 NS	4031.0	359.61 NS	
1032.0	16.81 %	2032.0	21.30 %	3032.0	18.06 %	
4032.0	18.30 %	1033.0	0.305 V/US	2033.0	0.299 V/US	
3033.0	0.283 V/US	4033.0	0.290 V/US	1034.0	0.316 V/US	
2034.0	0.308 V/US	3034.0	0.294 V/US	4034.0	0.302 V/US	

600.0	300	700.0	25 DGR	800.0	467.4 UA
900.0	0.77 MA	1001.0	-0.018 MV	2001.0	-0.153 MV
3001.0	-0.119 MV	4001.0	0.013 MV	1002.0	0.489 MV
2002.0	0.443 MV	3002.0	0.362 MV	4002.0	0.537 MV
1003.0	-0.07 MV	2003.0	-0.13 MV	3003.0	-0.11 MV
4003.0	-0.00 MV	1004.0	0.03 MV	2004.0	-0.04 MV
3004.0	-0.04 MV	4004.0	0.07 MV	1005.0	-0.18 NA
2005.0	0.08 NA	3005.0	-0.28 NA	4005.0	0.28 NA
1006.0	-0.15 NA	2006.0	-0.12 NA	3006.0	-0.19 NA
4006.0	0.03 NA	1007.0	0.05 NA	2007.0	-0.11 NA
3007.0	-0.08 NA	4007.0	-0.12 NA	1008.0	-0.06 NA
2008.0	-0.06 NA	3008.0	-0.21 NA	4008.0	0.01 NA
1009.0	-17.00 NA	2009.0	-16.37 NA	3009.0	-16.52 NA
4009.0	-16.85 NA	1010.0	-9.34 NA	2010.0	-9.19 NA
3010.0	-9.19 NA	4010.0	-9.39 NA	1011.0	-10.85 NA
2011.0	-10.53 NA	3011.0	-10.55 NA	4011.0	-11.13 NA
1012.0	-10.15 NA	2012.0	-9.97 NA	3012.0	-10.00 NA
4012.0	-10.01 NA	1013.0	-16.82 NA	2013.0	-16.45 NA
3013.0	-16.24 NA	4013.0	-17.12 NA	1014.0	-9.19 NA
2014.0	-9.07 NA	3014.0	-9.00 NA	4014.0	-9.42 NA
1015.0	-10.90 NA	2015.0	-10.42 NA	3015.0	-10.47 NA
4015.0	-11.01 NA	116.0	-10.10 NA	216.0	-9.91 NA
316.0	-9.79 NA	416.0	-10.03 NA	1017.0	1.58 UV
2017.0	-0.76 UV	3017.0	-0.28 UV	4017.0	0.78 UV
1018.0	94.85 DB	2018.0	93.44 DB	3018.0	95.30 DB
4018.0	94.56 DB	1019.0	-40.1 MA	2019.0	-40.3 MA
3019.0	-40.4 MA	4019.0	-39.5 MA	61.0	1.02 MA
1020.0	28.596 V	2020.0	28.594 V	3020.0	28.586 V
4020.0	28.584 V	1021.0	28.070 V	2021.0	28.068 V
3021.0	28.060 V	4021.0	28.060 V	1022.0	504.83 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	177.19 V/MV	2023.0	168.80 V/MV	3023.0	181.33 V/MV
4023.0	196.26 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.580 MV	2026.0	1.580 MV	3026.0	1.198 MV
4026.0	1.241 MV	1027.0	0.876 V	2027.0	0.875 V
3027.0	0.873 V	4027.0	0.875 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	7 MV
1029.0	28.358 V	2029.0	28.357 V	3029.0	28.345 V
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	330.86 NS
2031.0	327.89 NS	3031.0	348.70 NS	4031.0	334.83 NS
1032.0	19.27 %	2032.0	23.01 %	3032.0	19.77 %
4032.0	20.33 %	1033.0	0.316 V/US	2033.0	0.320 V/US
3033.0	0.296 V/US	4033.0	0.308 V/US	1034.0	0.331 V/US
2034.0	0.330 V/US	3034.0	0.307 V/US	4034.0	0.319 V/US

DEVICE	24	BIN	1	HEAD 3	02:51 PM	09/08/2004
600.0	300	700.0	25 DGR	800.0	464.4 UA	
900.0	0.75 MA	1001.0	-0.223 MV	2001.0	-0.201 MV	
3001.0	-0.022 MV	4001.0	-0.004 MV	1002.0	0.264 MV	
2002.0	0.332 MV	3002.0	0.500 MV	4002.0	0.449 MV	
1003.0	-0.24 MV	2003.0	-0.23 MV	3003.0	-0.01 MV	
4003.0	-0.01 MV	1004.0	-0.15 MV	2004.0	-0.15 MV	
3004.0	0.06 MV	4004.0	0.04 MV	1005.0	0.20 NA	
2005.0	-0.02 NA	3005.0	0.02 NA	4005.0	0.09 NA	
1006.0	-0.07 NA	2006.0	-0.13 NA	3006.0	-0.10 NA	
4006.0	-0.14 NA	1007.0	0.07 NA	2007.0	-0.41 NA	
3007.0	-0.18 NA	4007.0	0.08 NA	1008.0	0.04 NA	
2008.0	-0.03 NA	3008.0	-0.07 NA	4008.0	-0.02 NA	
1009.0	-16.35 NA	2009.0	-15.45 NA	3009.0	-16.02 NA	
4009.0	-16.28 NA	1010.0	-8.57 NA	2010.0	-8.25 NA	
3010.0	-8.50 NA	4010.0	-8.64 NA	1011.0	-10.71 NA	
2011.0	-10.42 NA	3011.0	-10.63 NA	4011.0	-10.68 NA	
1012.0	-9.86 NA	2012.0	-9.46 NA	3012.0	-9.78 NA	
4012.0	-9.91 NA	1013.0	-16.55 NA	2013.0	-15.43 NA	
3013.0	-16.04 NA	4013.0	-16.37 NA	1014.0	-8.50 NA	
2014.0	-8.12 NA	3014.0	-8.41 NA	4014.0	-8.50 NA	
1015.0	-10.78 NA	2015.0	-10.01 NA	3015.0	-10.45 NA	
4015.0	-10.76 NA	116.0	-9.89 NA	216.0	-9.43 NA	
316.0	-9.71 NA	416.0	-9.88 NA	1017.0	0.24 UV	
2017.0	1.43 UV	3017.0	-0.46 UV	4017.0	0.41 UV	
1018.0	95.19 DB	2018.0	94.40 DB	3018.0	94.59 DB	
4018.0	95.81 DB	1019.0	-41.2 MA	2019.0	-39.8 MA	
3019.0	-40.1 MA	4019.0	-40.8 MA	61.0	0.99 MA	
1020.0	28.581 V	2020.0	28.578 V	3020.0	28.571 V	
4020.0	28.568 V	1021.0	28.007 V	2021.0	28.008 V	
3021.0	28.000 V	4021.0	27.997 V	1022.0	504.90 V/MV	
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV	
1023.0	171.51 V/MV	2023.0	188.23 V/MV	3023.0	198.11 V/MV	
4023.0	170.54 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.465 MV	2026.0	1.480 MV	3026.0	1.139 MV	
4026.0	1.139 MV	1027.0	0.881 V	2027.0	0.882 V	
3027.0	0.880 V	4027.0	0.886 V	1028.0	9 MV	
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV	
1029.0	28.341 V	2029.0	28.342 V	3029.0	28.330 V	
4029.0	28.304 V	1030.0	2.85 V	2030.0	2.85 V	
3030.0	2.84 V	4030.0	2.83 V	1031.0	348.70 NS	
2031.0	357.62 NS	3031.0	375.47 NS	4031.0	364.56 NS	
1032.0	16.63 %	2032.0	20.31 %	3032.0	17.55 %	
4032.0	18.10 %	1033.0	0.299 V/US	2033.0	0.296 V/US	
3033.0	0.280 V/US	4033.0	0.289 V/US	1034.0	0.315 V/US	
2034.0	0.308 V/US	3034.0	0.290 V/US	4034.0	0.299 V/US	

DEVICE	25	BIN	1	HEAD	3	02:52 PM	09/08/2004	
600.0	300	700.0	25	DGR	800.0	508.8	UA	
900.0	0.76	MA	1001.0	-0.020	MV	2001.0	-0.042	MV
3001.0	-0.079	MV	4001.0	0.074	MV	1002.0	0.554	MV
2002.0	0.554	MV	3002.0	0.464	MV	4002.0	0.633	MV
1003.0	-0.04	MV	2003.0	-0.04	MV	3003.0	-0.06	MV
4003.0	0.06	MV	1004.0	0.06	MV	2004.0	0.06	MV
3004.0	0.03	MV	4004.0	0.13	MV	1005.0	0.04	NA
2005.0	-0.11	NA	3005.0	0.04	NA	4005.0	-0.04	NA
1006.0	-0.09	NA	2006.0	-0.11	NA	3006.0	-0.05	NA
4006.0	-0.18	NA	1007.0	0.19	NA	2007.0	-0.26	NA
3007.0	0.12	NA	4007.0	-0.10	NA	1008.0	0.06	NA
2008.0	-0.06	NA	3008.0	0.05	NA	4008.0	-0.04	NA
1009.0	-17.53	NA	2009.0	-16.67	NA	3009.0	-17.15	NA
4009.0	-17.52	NA	1010.0	-9.17	NA	2010.0	-8.96	NA
3010.0	-9.08	NA	4010.0	-9.26	NA	1011.0	-11.21	NA
2011.0	-10.83	NA	3011.0	-11.03	NA	4011.0	-11.37	NA
1012.0	-10.14	NA	2012.0	-10.04	NA	3012.0	-10.06	NA
4012.0	-10.28	NA	1013.0	-17.57	NA	2013.0	-16.56	NA
3013.0	-17.19	NA	4013.0	-17.48	NA	1014.0	-9.08	NA
2014.0	-8.84	NA	3014.0	-9.04	NA	4014.0	-9.08	NA
1015.0	-11.40	NA	2015.0	-10.57	NA	3015.0	-11.15	NA
4015.0	-11.28	NA	116.0	-10.20	NA	216.0	-9.98	NA
316.0	-10.11	NA	416.0	-10.24	NA	1017.0	0.08	UV
2017.0	-0.34	UV	3017.0	-0.86	UV	4017.0	0.88	UV
1018.0	93.77	DB	2018.0	93.44	DB	3018.0	94.24	DB
4018.0	94.00	DB	1019.0	-40.9	MA	2019.0	-40.8	MA
3019.0	-40.7	MA	4019.0	-39.7	MA	61.0	1.02	MA
1020.0	28.596	V	2020.0	28.593	V	3020.0	28.586	V
4020.0	28.582	V	1021.0	28.038	V	2021.0	28.033	V
3021.0	28.024	V	4021.0	28.028	V	1022.0	504.90	V/MV
2022.0	502.63	V/MV	3022.0	500.73	V/MV	4022.0	507.53	V/MV
1023.0	175.39	V/MV	2023.0	204.86	V/MV	3023.0	178.48	V/MV
4023.0	157.74	V/MV	1024.0	30.29	V/MV	2024.0	30.16	V/MV
3024.0	30.04	V/MV	4024.0	30.45	V/MV	1025.0	30.29	V/MV
2025.0	30.16	V/MV	3025.0	30.04	V/MV	4025.0	30.45	V/MV
1026.0	1.596	MV	2026.0	1.596	MV	3026.0	1.203	MV
4026.0	1.198	MV	1027.0	0.877	V	2027.0	0.877	V
3027.0	0.876	V	4027.0	0.898	V	1028.0	8	MV
2028.0	8	MV	3028.0	8	MV	4028.0	8	MV
1029.0	28.357	V	2029.0	28.357	V	3029.0	28.345	V
4029.0	28.336	V	1030.0	2.87	V	2030.0	2.87	V
3030.0	2.85	V	4030.0	2.85	V	1031.0	345.73	NS
2031.0	358.62	NS	3031.0	369.52	NS	4031.0	363.57	NS
1032.0	17.55	%	2032.0	21.30	%	3032.0	18.03	%
4032.0	18.53	%	1033.0	0.307	V/US	2033.0	0.300	V/US
3033.0	0.285	V/US	4033.0	0.293	V/US	1034.0	0.321	V/US
2034.0	0.311	V/US	3034.0	0.293	V/US	4034.0	0.303	V/US

600.0	300	700.0	25 DGR	800.0	459.5 UA
900.0	0.76 MA	1001.0	-0.347 MV	2001.0	-0.275 MV
3001.0	-0.271 MV	4001.0	-0.453 MV	1002.0	0.151 MV
2002.0	0.238 MV	3002.0	0.308 MV	4002.0	0.093 MV
1003.0	-0.38 MV	2003.0	-0.27 MV	3003.0	-0.23 MV
4003.0	-0.44 MV	1004.0	-0.28 MV	2004.0	-0.18 MV
3004.0	-0.14 MV	4004.0	-0.37 MV	1005.0	0.27 NA
2005.0	-0.06 NA	3005.0	0.12 NA	4005.0	0.83 NA
1006.0	0.24 NA	2006.0	0.32 NA	3006.0	-0.03 NA
4006.0	-0.11 NA	1007.0	0.32 NA	2007.0	-0.07 NA
3007.0	0.08 NA	4007.0	0.10 NA	1008.0	0.13 NA
2008.0	0.03 NA	3008.0	0.11 NA	4008.0	0.14 NA
1009.0	-20.06 NA	2009.0	-19.28 NA	3009.0	-19.53 NA
4009.0	-19.85 NA	1010.0	-10.68 NA	2010.0	-10.13 NA
3010.0	-10.36 NA	4010.0	-10.78 NA	1011.0	-13.16 NA
2011.0	-12.63 NA	3011.0	-12.89 NA	4011.0	-13.32 NA
1012.0	-11.96 NA	2012.0	-11.40 NA	3012.0	-11.71 NA
4012.0	-12.11 NA	1013.0	-20.34 NA	2013.0	-19.22 NA
3013.0	-19.65 NA	4013.0	-20.69 NA	1014.0	-10.92 NA
2014.0	-10.45 NA	3014.0	-10.33 NA	4014.0	-10.67 NA
1015.0	-13.48 NA	2015.0	-12.56 NA	3015.0	-12.98 NA
4015.0	-13.42 NA	116.0	-12.09 NA	216.0	-11.43 NA
316.0	-11.82 NA	416.0	-12.25 NA	1017.0	0.92 UV
2017.0	-0.27 UV	3017.0	-1.54 UV	4017.0	-0.52 UV
1018.0	95.00 DB	2018.0	94.73 DB	3018.0	93.70 DB
4018.0	94.20 DB	1019.0	-41.0 MA	2019.0	-40.7 MA
3019.0	-40.6 MA	4019.0	-40.1 MA	61.0	1.00 MA
1020.0	28.587 V	2020.0	28.584 V	3020.0	28.577 V
4020.0	28.575 V	1021.0	28.035 V	2021.0	28.031 V
3021.0	28.027 V	4021.0	28.027 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	170.06 V/MV	2023.0	199.34 V/MV	3023.0	193.49 V/MV
4023.0	168.57 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.661 MV	2026.0	1.575 MV	3026.0	1.327 MV
4026.0	1.308 MV	1027.0	0.880 V	2027.0	0.880 V
3027.0	0.879 V	4027.0	0.896 V	1028.0	8 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.349 V	2029.0	28.348 V	3029.0	28.337 V
4029.0	28.251 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.77 V	1031.0	346.72 NS
2031.0	349.70 NS	3031.0	370.51 NS	4031.0	358.62 NS
1032.0	17.60 %	2032.0	21.48 %	3032.0	18.30 %
4032.0	19.03 %	1033.0	0.306 V/US	2033.0	0.303 V/US
3033.0	0.282 V/US	4033.0	0.294 V/US	1034.0	0.322 V/US
2034.0	0.316 V/US	3034.0	0.294 V/US	4034.0	0.310 V/US

600.0	300	700.0	25 DGR	800.0	503.6 UA
900.0	0.75 MA	1001.0	-0.388 MV	2001.0	-0.368 MV
3001.0	-0.268 MV	4001.0	0.066 MV	1002.0	0.172 MV
2002.0	0.177 MV	3002.0	0.278 MV	4002.0	0.587 MV
1003.0	-0.39 MV	2003.0	-0.38 MV	3003.0	-0.28 MV
4003.0	0.06 MV	1004.0	-0.27 MV	2004.0	-0.31 MV
3004.0	-0.21 MV	4004.0	0.14 MV	1005.0	0.07 NA
2005.0	0.16 NA	3005.0	0.19 NA	4005.0	0.31 NA
1006.0	-0.05 NA	2006.0	-0.10 NA	3006.0	-0.02 NA
4006.0	-0.23 NA	1007.0	-0.02 NA	2007.0	0.04 NA
3007.0	0.04 NA	4007.0	-0.01 NA	1008.0	-0.04 NA
2008.0	0.06 NA	3008.0	0.21 NA	4008.0	-0.04 NA
1009.0	-21.35 NA	2009.0	-20.21 NA	3009.0	-20.64 NA
4009.0	-21.01 NA	1010.0	-11.68 NA	2010.0	-11.00 NA
3010.0	-11.32 NA	4010.0	-11.70 NA	1011.0	-14.02 NA
2011.0	-13.36 NA	3011.0	-13.65 NA	4011.0	-14.09 NA
1012.0	-12.85 NA	2012.0	-12.16 NA	3012.0	-12.47 NA
4012.0	-12.93 NA	1013.0	-21.42 NA	2013.0	-20.37 NA
3013.0	-20.82 NA	4013.0	-21.32 NA	1014.0	-11.64 NA
2014.0	-10.91 NA	3014.0	-11.30 NA	4014.0	-11.47 NA
1015.0	-14.00 NA	2015.0	-13.40 NA	3015.0	-13.69 NA
4015.0	-14.08 NA	116.0	-12.81 NA	216.0	-12.22 NA
316.0	-12.69 NA	416.0	-12.89 NA	1017.0	-0.71 UV
2017.0	0.65 UV	3017.0	0.47 UV	4017.0	0.12 UV
1018.0	93.98 DB	2018.0	94.22 DB	3018.0	94.20 DB
4018.0	94.61 DB	1019.0	-41.4 MA	2019.0	-40.6 MA
3019.0	-40.2 MA	4019.0	-40.5 MA	61.0	0.98 MA
1020.0	28.587 V	2020.0	28.585 V	3020.0	28.577 V
4020.0	28.574 V	1021.0	28.025 V	2021.0	28.023 V
3021.0	28.015 V	4021.0	28.016 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	180.79 V/MV	2023.0	199.59 V/MV	3023.0	178.96 V/MV
4023.0	156.89 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.588 MV	2026.0	1.480 MV	3026.0	1.160 MV
4026.0	1.191 MV	1027.0	0.883 V	2027.0	0.883 V
3027.0	0.881 V	4027.0	0.905 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.348 V	2029.0	28.349 V	3029.0	28.339 V
4029.0	28.224 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.83 V	1031.0	359.61 NS
2031.0	374.48 NS	3031.0	388.35 NS	4031.0	379.43 NS
1032.0	16.63 %	2032.0	19.77 %	3032.0	17.05 %
4032.0	17.79 %	1033.0	0.292 V/US	2033.0	0.280 V/US
3033.0	0.265 V/US	4033.0	0.276 V/US	1034.0	0.306 V/US
2034.0	0.297 V/US	3034.0	0.276 V/US	4034.0	0.287 V/US

DEVICE 28 BIN 1 HEAD 3 02:52 PM 09/08/2004

600.0	300	700.0	25 DGR	800.0	444.8 UA
900.0	0.74 MA	1001.0	-1.047 MV	2001.0	-0.539 MV
3001.0	-1.471 MV	4001.0	-0.311 MV	1002.0	-0.603 MV
2002.0	0.017 MV	3002.0	-0.879 MV	4002.0	0.248 MV
1003.0	-1.07 MV	2003.0	-0.56 MV	3003.0	-1.42 MV
4003.0	-0.35 MV	1004.0	-0.98 MV	2004.0	-0.46 MV
3004.0	-1.35 MV	4004.0	-0.27 MV	1005.0	0.32 NA
2005.0	-0.35 NA	3005.0	-0.09 NA	4005.0	-0.23 NA
1006.0	0.07 NA	2006.0	-0.27 NA	3006.0	-0.08 NA
4006.0	-0.21 NA	1007.0	0.30 NA	2007.0	-0.22 NA
3007.0	-0.04 NA	4007.0	-0.31 NA	1008.0	0.27 NA
2008.0	-0.06 NA	3008.0	-0.17 NA	4008.0	-0.23 NA
1009.0	-19.63 NA	2009.0	-19.37 NA	3009.0	-18.58 NA
4009.0	-19.43 NA	1010.0	-10.12 NA	2010.0	-10.20 NA
3010.0	-9.77 NA	4010.0	-10.07 NA	1011.0	-12.89 NA
2011.0	-12.52 NA	3011.0	-12.33 NA	4011.0	-12.94 NA
1012.0	-11.72 NA	2012.0	-11.22 NA	3012.0	-11.29 NA
4012.0	-11.66 NA	1013.0	-19.94 NA	2013.0	-19.02 NA
3013.0	-18.48 NA	4013.0	-19.20 NA	1014.0	-10.19 NA
2014.0	-9.92 NA	3014.0	-9.69 NA	4014.0	-9.85 NA
1015.0	-13.18 NA	2015.0	-12.30 NA	3015.0	-12.28 NA
4015.0	-12.64 NA	116.0	-11.99 NA	216.0	-11.16 NA
316.0	-11.13 NA	416.0	-11.43 NA	1017.0	0.10 UV
2017.0	0.94 UV	3017.0	-1.94 UV	4017.0	1.48 UV
1018.0	95.99 DB	2018.0	94.04 DB	3018.0	93.50 DB
4018.0	94.01 DB	1019.0	-40.8 MA	2019.0	-40.8 MA
3019.0	-40.5 MA	4019.0	-39.8 MA	61.0	0.97 MA
1020.0	28.588 V	2020.0	28.590 V	3020.0	28.580 V
4020.0	28.578 V	1021.0	28.024 V	2021.0	28.025 V
3021.0	28.012 V	4021.0	28.020 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	175.47 V/MV	2023.0	194.72 V/MV	3023.0	175.63 V/MV
4023.0	167.85 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.613 MV	2026.0	1.666 MV	3026.0	1.193 MV
4026.0	1.155 MV	1027.0	0.879 V	2027.0	0.878 V
3027.0	0.877 V	4027.0	0.902 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	8 MV
1029.0	28.349 V	2029.0	28.354 V	3029.0	28.342 V
4029.0	28.297 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.81 V	1031.0	372.49 NS
2031.0	373.48 NS	3031.0	414.12 NS	4031.0	391.33 NS
1032.0	15.35 %	2032.0	19.35 %	3032.0	16.07 %
4032.0	0.00 %	1033.0	0.279 V/US	2033.0	0.281 V/US
3033.0	0.246 V/US	4033.0	0.263 V/US	1034.0	0.301 V/US
2034.0	0.298 V/US	3034.0	0.266 V/US	4034.0	0.278 V/US

600.0	300	700.0	25 DGR	800.0	458.3 UA
900.0	0.76 MA	1001.0	-0.164 MV	2001.0	-0.322 MV
3001.0	-0.142 MV	4001.0	-0.087 MV	1002.0	0.367 MV
2002.0	0.211 MV	3002.0	0.398 MV	4002.0	0.491 MV
1003.0	-0.20 MV	2003.0	-0.32 MV	3003.0	-0.13 MV
4003.0	-0.12 MV	1004.0	-0.10 MV	2004.0	-0.24 MV
3004.0	-0.04 MV	4004.0	-0.05 MV	1005.0	0.02 NA
2005.0	-0.33 NA	3005.0	-0.08 NA	4005.0	0.20 NA
1006.0	-0.16 NA	2006.0	-0.21 NA	3006.0	-0.21 NA
4006.0	-0.16 NA	1007.0	0.08 NA	2007.0	-0.16 NA
3007.0	-0.08 NA	4007.0	0.20 NA	1008.0	0.05 NA
2008.0	-0.17 NA	3008.0	-0.22 NA	4008.0	-0.07 NA
1009.0	-21.33 NA	2009.0	-20.59 NA	3009.0	-20.39 NA
4009.0	-20.99 NA	1010.0	-11.06 NA	2010.0	-10.74 NA
3010.0	-10.64 NA	4010.0	-11.06 NA	1011.0	-13.90 NA
2011.0	-13.32 NA	3011.0	-13.37 NA	4011.0	-13.70 NA
1012.0	-12.70 NA	2012.0	-12.06 NA	3012.0	-12.26 NA
4012.0	-12.54 NA	1013.0	-21.35 NA	2013.0	-20.26 NA
3013.0	-20.31 NA	4013.0	-21.19 NA	1014.0	-10.90 NA
2014.0	-10.53 NA	3014.0	-10.43 NA	4014.0	-10.90 NA
1015.0	-13.97 NA	2015.0	-13.16 NA	3015.0	-13.29 NA
4015.0	-13.90 NA	116.0	-12.74 NA	216.0	-11.89 NA
316.0	-12.04 NA	416.0	-12.47 NA	1017.0	0.55 UV
2017.0	0.02 UV	3017.0	-0.55 UV	4017.0	1.15 UV
1018.0	94.43 DB	2018.0	94.40 DB	3018.0	94.29 DB
4018.0	93.71 DB	1019.0	-40.7 MA	2019.0	-40.6 MA
3019.0	-40.5 MA	4019.0	-39.6 MA	61.0	1.00 MA
1020.0	28.596 V	2020.0	28.592 V	3020.0	28.585 V
4020.0	28.579 V	1021.0	28.040 V	2021.0	28.031 V
3021.0	28.026 V	4021.0	28.025 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	163.23 V/MV	2023.0	185.62 V/MV	3023.0	198.37 V/MV
4023.0	165.37 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.480 MV	2026.0	1.596 MV	3026.0	1.193 MV
4026.0	1.115 MV	1027.0	0.878 V	2027.0	0.878 V
3027.0	0.876 V	4027.0	0.890 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.357 V	2029.0	28.356 V	3029.0	28.345 V
4029.0	28.333 V	1030.0	2.87 V	2030.0	2.86 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	354.65 NS
2031.0	362.58 NS	3031.0	380.42 NS	4031.0	375.47 NS
1032.0	17.05 %	2032.0	20.15 %	3032.0	17.60 %
4032.0	17.36 %	1033.0	0.304 V/US	2033.0	0.294 V/US
3033.0	0.275 V/US	4033.0	0.286 V/US	1034.0	0.317 V/US
2034.0	0.310 V/US	3034.0	0.285 V/US	4034.0	0.302 V/US

DEVICE 30 BIN 1 HEAD 3 02:53 PM 09/08/2004

600.0	300	700.0	25 DGR	800.0	455.5 UA
900.0	0.75 MA	1001.0	-0.566 MV	2001.0	-0.141 MV
3001.0	-0.596 MV	4001.0	-0.056 MV	1002.0	-0.041 MV
2002.0	0.373 MV	3002.0	-0.075 MV	4002.0	0.463 MV
1003.0	-0.56 MV	2003.0	-0.22 MV	3003.0	-0.59 MV
4003.0	-0.07 MV	1004.0	-0.45 MV	2004.0	-0.13 MV
3004.0	-0.52 MV	4004.0	-0.00 MV	1005.0	-0.14 NA
2005.0	0.02 NA	3005.0	0.14 NA	4005.0	0.16 NA
1006.0	-0.26 NA	2006.0	-0.16 NA	3006.0	-0.11 NA
4006.0	-0.16 NA	1007.0	-0.05 NA	2007.0	0.02 NA
3007.0	0.09 NA	4007.0	0.07 NA	1008.0	0.05 NA
2008.0	0.10 NA	3008.0	0.06 NA	4008.0	-0.07 NA
1009.0	-22.19 NA	2009.0	-20.94 NA	3009.0	-21.42 NA
4009.0	-22.16 NA	1010.0	-12.26 NA	2010.0	-11.24 NA
3010.0	-11.84 NA	4010.0	-12.21 NA	1011.0	-14.64 NA
2011.0	-13.94 NA	3011.0	-14.23 NA	4011.0	-14.84 NA
1012.0	-13.33 NA	2012.0	-12.61 NA	3012.0	-13.00 NA
4012.0	-13.65 NA	1013.0	-22.05 NA	2013.0	-20.97 NA
3013.0	-21.56 NA	4013.0	-22.32 NA	1014.0	-12.00 NA
2014.0	-11.08 NA	3014.0	-11.74 NA	4014.0	-12.04 NA
1015.0	-14.60 NA	2015.0	-13.96 NA	3015.0	-14.32 NA
4015.0	-14.91 NA	116.0	-13.38 NA	216.0	-12.71 NA
316.0	-13.06 NA	416.0	-13.57 NA	1017.0	-0.83 UV
2017.0	2.90 UV	3017.0	-0.35 UV	4017.0	0.58 UV
1018.0	94.53 DB	2018.0	94.71 DB	3018.0	94.61 DB
4018.0	94.63 DB	1019.0	-41.7 MA	2019.0	-40.5 MA
3019.0	-40.6 MA	4019.0	-40.5 MA	61.0	0.99 MA
1020.0	28.589 V	2020.0	28.586 V	3020.0	28.578 V
4020.0	28.575 V	1021.0	28.025 V	2021.0	28.021 V
3021.0	28.016 V	4021.0	28.018 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	185.74 V/MV	2023.0	191.73 V/MV	3023.0	180.18 V/MV
4023.0	167.15 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.480 MV	2026.0	1.575 MV	3026.0	1.269 MV
4026.0	1.225 MV	1027.0	0.883 V	2027.0	0.883 V
3027.0	0.880 V	4027.0	0.902 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.351 V	2029.0	28.350 V	3029.0	28.341 V
4029.0	28.333 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	362.58 NS
2031.0	375.47 NS	3031.0	390.33 NS	4031.0	381.41 NS
1032.0	16.07 %	2032.0	19.59 %	3032.0	16.81 %
4032.0	17.13 %	1033.0	0.289 V/US	2033.0	0.281 V/US
3033.0	0.265 V/US	4033.0	0.277 V/US	1034.0	0.304 V/US
2034.0	0.298 V/US	3034.0	0.277 V/US	4034.0	0.290 V/US

600.0	300	700.0	25 DGR	800.0	460.5 UA
900.0	0.76 MA	1001.0	-0.540 MV	2001.0	-0.250 MV
3001.0	-0.090 MV	4001.0	-0.064 MV	1002.0	-0.050 MV
2002.0	0.295 MV	3002.0	0.457 MV	4002.0	0.420 MV
1003.0	-0.58 MV	2003.0	-0.22 MV	3003.0	-0.08 MV
4003.0	-0.10 MV	1004.0	-0.48 MV	2004.0	-0.15 MV
3004.0	-0.01 MV	4004.0	-0.03 MV	1005.0	0.11 NA
2005.0	-0.11 NA	3005.0	-0.19 NA	4005.0	0.32 NA
1006.0	-0.03 NA	2006.0	-0.10 NA	3006.0	-0.20 NA
4006.0	0.10 NA	1007.0	0.15 NA	2007.0	0.01 NA
3007.0	-0.31 NA	4007.0	0.25 NA	1008.0	0.03 NA
2008.0	0.01 NA	3008.0	-0.21 NA	4008.0	0.17 NA
1009.0	-21.44 NA	2009.0	-20.57 NA	3009.0	-21.07 NA
4009.0	-21.43 NA	1010.0	-11.54 NA	2010.0	-10.87 NA
3010.0	-11.38 NA	4010.0	-11.47 NA	1011.0	-14.10 NA
2011.0	-13.54 NA	3011.0	-14.00 NA	4011.0	-14.09 NA
1012.0	-12.81 NA	2012.0	-12.32 NA	3012.0	-12.75 NA
4012.0	-12.97 NA	1013.0	-21.55 NA	2013.0	-20.46 NA
3013.0	-20.88 NA	4013.0	-21.75 NA	1014.0	-11.51 NA
2014.0	-10.77 NA	3014.0	-11.18 NA	4014.0	-11.56 NA
1015.0	-14.25 NA	2015.0	-13.54 NA	3015.0	-13.68 NA
4015.0	-14.34 NA	116.0	-12.84 NA	216.0	-12.33 NA
316.0	-12.55 NA	416.0	-13.14 NA	1017.0	1.01 UV
2017.0	-1.02 UV	3017.0	-0.41 UV	4017.0	1.19 UV
1018.0	95.14 DB	2018.0	94.22 DB	3018.0	94.19 DB
4018.0	95.25 DB	1019.0	-40.7 MA	2019.0	-40.6 MA
3019.0	-40.3 MA	4019.0	-40.0 MA	61.0	1.00 MA
1020.0	28.587 V	2020.0	28.585 V	3020.0	28.576 V
4020.0	28.574 V	1021.0	28.038 V	2021.0	28.036 V
3021.0	28.026 V	4021.0	28.029 V	1022.0	504.90 V/MV
2022.0	502.63 V/MV	3022.0	500.73 V/MV	4022.0	507.53 V/MV
1023.0	176.62 V/MV	2023.0	201.29 V/MV	3023.0	186.77 V/MV
4023.0	164.20 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.675 MV	2026.0	1.596 MV	3026.0	1.308 MV
4026.0	1.291 MV	1027.0	0.881 V	2027.0	0.881 V
3027.0	0.879 V	4027.0	0.914 V	1028.0	8 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.349 V	2029.0	28.348 V	3029.0	28.335 V
4029.0	28.268 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	350.69 NS
2031.0	355.64 NS	3031.0	371.50 NS	4031.0	358.62 NS
1032.0	17.60 %	2032.0	21.30 %	3032.0	18.62 %
4032.0	19.03 %	1033.0	0.305 V/US	2033.0	0.303 V/US
3033.0	0.284 V/US	4033.0	0.296 V/US	1034.0	0.322 V/US
2034.0	0.318 V/US	3034.0	0.294 V/US	4034.0	0.310 V/US

DEVICE	24	BIN	1	HEAD	3	03:28 PM	09/21/2004
600.0	300	700.0	25 DGR	800.0	496.2 UA		
900.0	0.75 MA	1001.0	-0.224 MV	2001.0	-0.228 MV		
3001.0	-0.031 MV	4001.0	-0.007 MV	1002.0	0.250 MV		
2002.0	0.300 MV	3002.0	0.487 MV	4002.0	0.449 MV		
1003.0	-0.25 MV	2003.0	-0.26 MV	3003.0	-0.03 MV		
4003.0	-0.02 MV	1004.0	-0.16 MV	2004.0	-0.18 MV		
3004.0	0.05 MV	4004.0	0.04 MV	1005.0	0.13 NA		
2005.0	-0.15 NA	3005.0	0.16 NA	4005.0	0.04 NA		
1006.0	-0.07 NA	2006.0	-0.14 NA	3006.0	-0.12 NA		
4006.0	-0.08 NA	1007.0	0.11 NA	2007.0	-0.02 NA		
3007.0	-0.12 NA	4007.0	0.08 NA	1008.0	0.02 NA		
2008.0	-0.05 NA	3008.0	-0.10 NA	4008.0	-0.05 NA		
1009.0	-16.23 NA	2009.0	-15.22 NA	3009.0	-15.85 NA		
4009.0	-16.06 NA	1010.0	-8.50 NA	2010.0	-8.20 NA		
3010.0	-8.51 NA	4010.0	-8.59 NA	1011.0	-10.63 NA		
2011.0	-10.35 NA	3011.0	-10.47 NA	4011.0	-10.69 NA		
1012.0	-9.79 NA	2012.0	-9.40 NA	3012.0	-9.75 NA		
4012.0	-9.85 NA	1013.0	-16.35 NA	2013.0	-15.08 NA		
3013.0	-16.01 NA	4013.0	-16.09 NA	1014.0	-8.42 NA		
2014.0	-8.06 NA	3014.0	-8.39 NA	4014.0	-8.50 NA		
1015.0	-10.75 NA	2015.0	-10.33 NA	3015.0	-10.35 NA		
4015.0	-10.77 NA	116.0	-9.81 NA	216.0	-9.35 NA		
316.0	-9.65 NA	416.0	-9.79 NA	1017.0	0.33 UV		
2017.0	1.34 UV	3017.0	-0.41 UV	4017.0	0.36 UV		
1018.0	95.43 DB	2018.0	94.49 DB	3018.0	94.67 DB		
4018.0	95.76 DB	1019.0	-41.5 MA	2019.0	-40.0 MA		
3019.0	-40.3 MA	4019.0	-41.1 MA	61.0	0.99 MA		
1020.0	28.576 V	2020.0	28.574 V	3020.0	28.565 V		
4020.0	28.563 V	1021.0	28.010 V	2021.0	28.012 V		
3021.0	28.004 V	4021.0	28.004 V	1022.0	504.87 V/MV		
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV		
1023.0	172.86 V/MV	2023.0	187.27 V/MV	3023.0	198.43 V/MV		
4023.0	171.64 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV		
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV		
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV		
1026.0	1.655 MV	2026.0	1.522 MV	3026.0	1.140 MV		
4026.0	1.107 MV	1027.0	0.884 V	2027.0	0.884 V		
3027.0	0.882 V	4027.0	0.912 V	1028.0	9 MV		
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV		
1029.0	28.335 V	2029.0	28.336 V	3029.0	28.324 V		
4029.0	28.311 V	1030.0	2.84 V	2030.0	2.85 V		
3030.0	2.83 V	4030.0	2.82 V	1031.0	300.26 NS		
2031.0	302.25 NS	3031.0	321.21 NS	4031.0	320.22 NS		
1032.0	19.27 %	2032.0	23.01 %	3032.0	19.90 %		
4032.0	19.27 %	1033.0	0.308 V/US	2033.0	0.304 V/US		
3033.0	0.288 V/US	4033.0	0.297 V/US	1034.0	0.323 V/US		
2034.0	0.314 V/US	3034.0	0.296 V/US	4034.0	0.306 V/US		

600.0	300	700.0	25 DGR	800.0	550.7 UA
900.0	0.76 MA	1001.0	-0.026 MV	2001.0	-0.067 MV
3001.0	-0.082 MV	4001.0	0.076 MV	1002.0	0.554 MV
2002.0	0.527 MV	3002.0	0.457 MV	4002.0	0.628 MV
1003.0	-0.04 MV	2003.0	-0.06 MV	3003.0	-0.06 MV
4003.0	0.05 MV	1004.0	0.06 MV	2004.0	0.04 MV
3004.0	0.02 MV	4004.0	0.12 MV	1005.0	0.06 NA
2005.0	-0.10 NA	3005.0	-0.13 NA	4005.0	0.03 NA
1006.0	-0.09 NA	2006.0	-0.18 NA	3006.0	-0.09 NA
4006.0	-0.11 NA	1007.0	0.06 NA	2007.0	-0.02 NA
3007.0	-0.29 NA	4007.0	0.01 NA	1008.0	0.00 NA
2008.0	-0.09 NA	3008.0	-0.08 NA	4008.0	-0.07 NA
1009.0	-17.30 NA	2009.0	-16.60 NA	3009.0	-16.92 NA
4009.0	-17.35 NA	1010.0	-9.13 NA	2010.0	-8.95 NA
3010.0	-9.10 NA	4010.0	-9.22 NA	1011.0	-11.22 NA
2011.0	-10.54 NA	3011.0	-11.11 NA	4011.0	-11.18 NA
1012.0	-10.27 NA	2012.0	-10.02 NA	3012.0	-10.26 NA
4012.0	-10.29 NA	1013.0	-17.35 NA	2013.0	-16.50 NA
3013.0	-16.80 NA	4013.0	-17.38 NA	1014.0	-9.04 NA
2014.0	-8.77 NA	3014.0	-9.01 NA	4014.0	-9.11 NA
1015.0	-11.28 NA	2015.0	-10.52 NA	3015.0	-10.82 NA
4015.0	-11.19 NA	116.0	-10.27 NA	216.0	-9.93 NA
316.0	-10.17 NA	416.0	-10.22 NA	1017.0	0.14 UV
2017.0	-0.47 UV	3017.0	-0.81 UV	4017.0	0.85 UV
1018.0	93.68 DB	2018.0	93.46 DB	3018.0	94.31 DB
4018.0	94.10 DB	1019.0	-41.0 MA	2019.0	-40.9 MA
3019.0	-40.8 MA	4019.0	-39.8 MA	61.0	1.02 MA
1020.0	28.594 V	2020.0	28.591 V	3020.0	28.583 V
4020.0	28.581 V	1021.0	28.035 V	2021.0	28.029 V
3021.0	28.020 V	4021.0	28.025 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	176.59 V/MV	2023.0	201.51 V/MV	3023.0	179.35 V/MV
4023.0	158.97 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.527 MV	2026.0	1.543 MV	3026.0	1.293 MV
4026.0	1.222 MV	1027.0	0.879 V	2027.0	0.878 V
3027.0	0.876 V	4027.0	0.885 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.356 V	2029.0	28.356 V	3029.0	28.343 V
4029.0	28.340 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	283.30 NS
2031.0	308.24 NS	3031.0	307.24 NS	4031.0	326.20 NS
1032.0	20.31 %	2032.0	23.25 %	3032.0	20.33 %
4032.0	20.01 %	1033.0	0.316 V/US	2033.0	0.308 V/US
3033.0	0.294 V/US	4033.0	0.300 V/US	1034.0	0.330 V/US
2034.0	0.318 V/US	3034.0	0.304 V/US	4034.0	0.311 V/US

DEVICE 26 BIN 1 HEAD 3 03:28 PM 09/21/2004

600.0	300	700.0	25 DGR	800.0	454.9 UA
900.0	0.75 MA	1001.0	-0.450 MV	2001.0	-0.411 MV
3001.0	-0.373 MV	4001.0	-0.546 MV	1002.0	0.046 MV
2002.0	0.106 MV	3002.0	0.202 MV	4002.0	0.002 MV
1003.0	-0.50 MV	2003.0	-0.40 MV	3003.0	-0.34 MV
4003.0	-0.54 MV	1004.0	-0.39 MV	2004.0	-0.31 MV
3004.0	-0.26 MV	4004.0	-0.46 MV	1005.0	0.58 NA
2005.0	0.03 NA	3005.0	0.00 NA	4005.0	0.28 NA
1006.0	-0.08 NA	2006.0	-0.02 NA	3006.0	-0.10 NA
4006.0	-0.12 NA	1007.0	0.36 NA	2007.0	0.16 NA
3007.0	-0.16 NA	4007.0	-0.03 NA	1008.0	0.31 NA
2008.0	0.05 NA	3008.0	-0.12 NA	4008.0	0.01 NA
1009.0	-26.82 NA	2009.0	-25.90 NA	3009.0	-26.37 NA
4009.0	-27.09 NA	1010.0	-14.85 NA	2010.0	-13.99 NA
3010.0	-14.37 NA	4010.0	-14.87 NA	1011.0	-17.91 NA
2011.0	-17.20 NA	3011.0	-17.76 NA	4011.0	-18.21 NA
1012.0	-16.36 NA	2012.0	-15.83 NA	3012.0	-16.14 NA
4012.0	-16.75 NA	1013.0	-27.41 NA	2013.0	-25.93 NA
3013.0	-26.37 NA	4013.0	-27.38 NA	1014.0	-14.76 NA
2014.0	-13.97 NA	3014.0	-14.27 NA	4014.0	-14.75 NA
1015.0	-18.28 NA	2015.0	-17.36 NA	3015.0	-17.60 NA
4015.0	-18.18 NA	116.0	-16.67 NA	216.0	-15.87 NA
316.0	-16.02 NA	416.0	-16.76 NA	1017.0	1.24 UV
2017.0	-0.07 UV	3017.0	-1.25 UV	4017.0	-0.28 UV
1018.0	95.03 DB	2018.0	94.68 DB	3018.0	93.74 DB
4018.0	94.16 DB	1019.0	-41.2 MA	2019.0	-40.9 MA
3019.0	-40.9 MA	4019.0	-40.3 MA	61.0	0.98 MA
1020.0	28.580 V	2020.0	28.577 V	3020.0	28.570 V
4020.0	28.569 V	1021.0	28.035 V	2021.0	28.031 V
3021.0	28.027 V	4021.0	28.029 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	169.75 V/MV	2023.0	190.74 V/MV	3023.0	188.49 V/MV
4023.0	163.84 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.636 MV	2026.0	1.649 MV	3026.0	1.293 MV
4026.0	1.350 MV	1027.0	0.885 V	2027.0	0.885 V
3027.0	0.882 V	4027.0	0.883 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.342 V	2029.0	28.340 V	3029.0	28.330 V
4029.0	28.330 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	274.31 NS
2031.0	296.27 NS	3031.0	318.22 NS	4031.0	336.18 NS
1032.0	21.72 %	2032.0	25.26 %	3032.0	19.90 %
4032.0	18.05 %	1033.0	0.315 V/US	2033.0	0.306 V/US
3033.0	0.288 V/US	4033.0	0.298 V/US	1034.0	0.327 V/US
2034.0	0.321 V/US	3034.0	0.300 V/US	4034.0	0.313 V/US

600.0	300	700.0	25 DGR	800.0	450.9 UA
900.0	0.74 MA	1001.0	-0.495 MV	2001.0	-0.463 MV
3001.0	-0.369 MV	4001.0	-0.031 MV	1002.0	0.057 MV
2002.0	0.071 MV	3002.0	0.162 MV	4002.0	0.483 MV
1003.0	-0.51 MV	2003.0	-0.49 MV	3003.0	-0.39 MV
4003.0	-0.04 MV	1004.0	-0.39 MV	2004.0	-0.41 MV
3004.0	-0.31 MV	4004.0	0.02 MV	1005.0	-0.11 NA
2005.0	0.14 NA	3005.0	0.21 NA	4005.0	-0.18 NA
1006.0	-0.05 NA	2006.0	-0.09 NA	3006.0	-0.01 NA
4006.0	-0.39 NA	1007.0	0.01 NA	2007.0	0.13 NA
3007.0	0.02 NA	4007.0	-0.23 NA	1008.0	0.06 NA
2008.0	0.03 NA	3008.0	0.04 NA	4008.0	-0.14 NA
1009.0	-27.10 NA	2009.0	-25.90 NA	3009.0	-26.14 NA
4009.0	-27.26 NA	1010.0	-15.20 NA	2010.0	-14.50 NA
3010.0	-14.69 NA	4010.0	-15.43 NA	1011.0	-18.20 NA
2011.0	-17.29 NA	3011.0	-17.68 NA	4011.0	-18.38 NA
1012.0	-16.71 NA	2012.0	-15.83 NA	3012.0	-16.22 NA
4012.0	-16.78 NA	1013.0	-27.00 NA	2013.0	-26.04 NA
3013.0	-26.35 NA	4013.0	-27.08 NA	1014.0	-15.16 NA
2014.0	-14.41 NA	3014.0	-14.68 NA	4014.0	-15.04 NA
1015.0	-18.21 NA	2015.0	-17.42 NA	3015.0	-17.70 NA
4015.0	-18.15 NA	116.0	-16.77 NA	216.0	-15.86 NA
316.0	-16.26 NA	416.0	-16.64 NA	1017.0	-0.38 UV
2017.0	0.93 UV	3017.0	0.75 UV	4017.0	0.40 UV
1018.0	94.10 DB	2018.0	94.40 DB	3018.0	94.43 DB
4018.0	94.71 DB	1019.0	-41.6 MA	2019.0	-40.8 MA
3019.0	-40.4 MA	4019.0	-40.6 MA	61.0	0.97 MA
1020.0	28.582 V	2020.0	28.579 V	3020.0	28.573 V
4020.0	28.570 V	1021.0	28.024 V	2021.0	28.023 V
3021.0	28.016 V	4021.0	28.017 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	179.05 V/MV	2023.0	194.51 V/MV	3023.0	178.83 V/MV
4023.0	154.46 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.591 MV	2026.0	1.608 MV	3026.0	1.257 MV
4026.0	1.140 MV	1027.0	0.887 V	2027.0	0.887 V
3027.0	0.885 V	4027.0	0.886 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	8 MV
1029.0	28.343 V	2029.0	28.345 V	3029.0	28.334 V
4029.0	28.327 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	316.23 NS
2031.0	309.24 NS	3031.0	328.20 NS	4031.0	333.19 NS
1032.0	22.28 %	2032.0	25.76 %	3032.0	20.55 %
4032.0	19.90 %	1033.0	0.300 V/US	2033.0	0.283 V/US
3033.0	0.271 V/US	4033.0	0.280 V/US	1034.0	0.312 V/US
2034.0	0.302 V/US	3034.0	0.283 V/US	4034.0	0.292 V/US

600.0	300	700.0	25 DGR	800.0	441.3 UA
900.0	0.73 MA	1001.0	-1.150 MV	2001.0	-0.668 MV
3001.0	-1.587 MV	4001.0	-0.411 MV	1002.0	-0.713 MV
2002.0	-0.109 MV	3002.0	-1.000 MV	4002.0	0.146 MV
1003.0	-1.18 MV	2003.0	-0.69 MV	3003.0	-1.54 MV
4003.0	-0.45 MV	1004.0	-1.09 MV	2004.0	-0.60 MV
3004.0	-1.46 MV	4004.0	-0.38 MV	1005.0	0.64 NA
2005.0	-0.40 NA	3005.0	-0.09 NA	4005.0	-0.24 NA
1006.0	0.26 NA	2006.0	-0.36 NA	3006.0	-0.15 NA
4006.0	-0.09 NA	1007.0	0.46 NA	2007.0	-0.16 NA
3007.0	-0.22 NA	4007.0	-0.05 NA	1008.0	0.46 NA
2008.0	-0.34 NA	3008.0	-0.15 NA	4008.0	-0.27 NA
1009.0	-24.87 NA	2009.0	-24.76 NA	3009.0	-23.76 NA
4009.0	-24.78 NA	1010.0	-12.88 NA	2010.0	-12.89 NA
3010.0	-12.44 NA	4010.0	-12.93 NA	1011.0	-16.63 NA
2011.0	-16.14 NA	3011.0	-16.08 NA	4011.0	-16.52 NA
1012.0	-15.09 NA	2012.0	-14.82 NA	3012.0	-14.58 NA
4012.0	-15.25 NA	1013.0	-25.51 NA	2013.0	-24.36 NA
3013.0	-23.67 NA	4013.0	-24.54 NA	1014.0	-13.14 NA
2014.0	-12.54 NA	3014.0	-12.29 NA	4014.0	-12.84 NA
1015.0	-17.08 NA	2015.0	-15.98 NA	3015.0	-15.87 NA
4015.0	-16.47 NA	116.0	-15.54 NA	216.0	-14.48 NA
316.0	-14.43 NA	416.0	-14.97 NA	1017.0	0.28 UV
2017.0	1.21 UV	3017.0	-1.72 UV	4017.0	1.58 UV
1018.0	96.12 DB	2018.0	93.99 DB	3018.0	93.57 DB
4018.0	94.02 DB	1019.0	-40.9 MA	2019.0	-40.9 MA
3019.0	-40.7 MA	4019.0	-40.0 MA	61.0	0.95 MA
1020.0	28.584 V	2020.0	28.586 V	3020.0	28.578 V
4020.0	28.575 V	1021.0	28.025 V	2021.0	28.026 V
3021.0	28.014 V	4021.0	28.022 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	172.64 V/MV	2023.0	193.54 V/MV	3023.0	170.54 V/MV
4023.0	167.47 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.696 MV	2026.0	1.735 MV	3026.0	1.259 MV
4026.0	1.198 MV	1027.0	0.883 V	2027.0	0.882 V
3027.0	0.880 V	4027.0	0.884 V	1028.0	9 MV
2028.0	10 MV	3028.0	9 MV	4028.0	8 MV
1029.0	28.344 V	2029.0	28.351 V	3029.0	28.337 V
4029.0	28.335 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	330.20 NS
2031.0	342.17 NS	3031.0	373.10 NS	4031.0	375.10 NS
1032.0	16.07 %	2032.0	18.80 %	3032.0	15.42 %
4032.0	14.55 %	1033.0	0.286 V/US	2033.0	0.284 V/US
3033.0	0.251 V/US	4033.0	0.266 V/US	1034.0	0.306 V/US
2034.0	0.305 V/US	3034.0	0.272 V/US	4034.0	0.282 V/US

600.0	300	700.0	25 DGR	800.0	454.0 UA
900.0	0.76 MA	1001.0	-0.281 MV	2001.0	-0.460 MV
3001.0	-0.263 MV	4001.0	-0.209 MV	1002.0	0.238 MV
2002.0	0.082 MV	3002.0	0.264 MV	4002.0	0.368 MV
1003.0	-0.32 MV	2003.0	-0.46 MV	3003.0	-0.26 MV
4003.0	-0.24 MV	1004.0	-0.23 MV	2004.0	-0.38 MV
3004.0	-0.18 MV	4004.0	-0.17 MV	1005.0	0.12 NA
2005.0	-0.46 NA	3005.0	-0.37 NA	4005.0	0.45 NA
1006.0	-0.08 NA	2006.0	-0.34 NA	3006.0	-0.36 NA
4006.0	-0.08 NA	1007.0	0.09 NA	2007.0	-0.32 NA
3007.0	-0.19 NA	4007.0	0.18 NA	1008.0	0.08 NA
2008.0	-0.31 NA	3008.0	-0.32 NA	4008.0	0.13 NA
1009.0	-27.85 NA	2009.0	-27.16 NA	3009.0	-26.67 NA
4009.0	-27.33 NA	1010.0	-14.84 NA	2010.0	-14.46 NA
3010.0	-14.23 NA	4010.0	-14.77 NA	1011.0	-18.57 NA
2011.0	-17.90 NA	3011.0	-17.82 NA	4011.0	-18.26 NA
1012.0	-16.95 NA	2012.0	-16.30 NA	3012.0	-16.30 NA
4012.0	-16.62 NA	1013.0	-27.97 NA	2013.0	-26.70 NA
3013.0	-26.30 NA	4013.0	-27.78 NA	1014.0	-14.76 NA
2014.0	-14.11 NA	3014.0	-13.87 NA	4014.0	-14.69 NA
1015.0	-18.66 NA	2015.0	-17.57 NA	3015.0	-17.62 NA
4015.0	-18.44 NA	116.0	-17.03 NA	216.0	-15.99 NA
316.0	-15.98 NA	416.0	-16.76 NA	1017.0	0.97 UV
2017.0	0.14 UV	3017.0	-0.26 UV	4017.0	1.46 UV
1018.0	94.65 DB	2018.0	94.26 DB	3018.0	94.50 DB
4018.0	93.71 DB	1019.0	-40.9 MA	2019.0	-40.8 MA
3019.0	-40.7 MA	4019.0	-39.7 MA	61.0	0.99 MA
1020.0	28.590 V	2020.0	28.586 V	3020.0	28.579 V
4020.0	28.575 V	1021.0	28.036 V	2021.0	28.030 V
3021.0	28.023 V	4021.0	28.022 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	159.33 V/MV	2023.0	181.92 V/MV	3023.0	190.03 V/MV
4023.0	163.63 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.679 MV	2026.0	1.692 MV	3026.0	1.331 MV
4026.0	1.295 MV	1027.0	0.882 V	2027.0	0.881 V
3027.0	0.880 V	4027.0	0.882 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.351 V	2029.0	28.350 V	3029.0	28.340 V
4029.0	28.333 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	299.26 NS
2031.0	319.22 NS	3031.0	350.15 NS	4031.0	335.18 NS
1032.0	19.77 %	2032.0	23.25 %	3032.0	19.90 %
4032.0	19.59 %	1033.0	0.315 V/US	2033.0	0.300 V/US
3033.0	0.283 V/US	4033.0	0.292 V/US	1034.0	0.325 V/US
2034.0	0.319 V/US	3034.0	0.294 V/US	4034.0	0.308 V/US

DEVICE 30 BIN 1 HEAD 3 03:30 PM 09/21/2004

600.0	300	700.0	25 DGR	800.0	451.3 UA
900.0	0.75 MA	1001.0	-0.682 MV	2001.0	-0.280 MV
3001.0	-0.724 MV	4001.0	-0.174 MV	1002.0	-0.173 MV
2002.0	0.227 MV	3002.0	-0.212 MV	4002.0	0.340 MV
1003.0	-0.69 MV	2003.0	-0.37 MV	3003.0	-0.73 MV
4003.0	-0.19 MV	1004.0	-0.59 MV	2004.0	-0.28 MV
3004.0	-0.64 MV	4004.0	-0.13 MV	1005.0	0.02 NA
2005.0	-0.15 NA	3005.0	0.45 NA	4005.0	-0.08 NA
1006.0	0.00 NA	2006.0	-0.40 NA	3006.0	0.08 NA
4006.0	-0.18 NA	1007.0	0.17 NA	2007.0	-0.20 NA
3007.0	0.13 NA	4007.0	-0.07 NA	1008.0	0.10 NA
2008.0	-0.16 NA	3008.0	0.36 NA	4008.0	-0.16 NA
1009.0	-28.80 NA	2009.0	-27.49 NA	3009.0	-27.79 NA
4009.0	-29.01 NA	1010.0	-16.01 NA	2010.0	-15.47 NA
3010.0	-15.51 NA	4010.0	-16.37 NA	1011.0	-19.35 NA
2011.0	-18.57 NA	3011.0	-18.76 NA	4011.0	-19.66 NA
1012.0	-17.86 NA	2012.0	-16.95 NA	3012.0	-17.26 NA
4012.0	-18.03 NA	1013.0	-28.82 NA	2013.0	-27.35 NA
3013.0	-28.25 NA	4013.0	-28.93 NA	1014.0	-16.01 NA
2014.0	-15.07 NA	3014.0	-15.60 NA	4014.0	-16.18 NA
1015.0	-19.53 NA	2015.0	-18.38 NA	3015.0	-18.89 NA
4015.0	-19.59 NA	116.0	-17.96 NA	216.0	-16.79 NA
316.0	-17.62 NA	416.0	-17.87 NA	1017.0	-0.55 UV
2017.0	3.38 UV	3017.0	0.08 UV	4017.0	0.80 UV
1018.0	94.80 DB	2018.0	94.85 DB	3018.0	94.76 DB
4018.0	94.72 DB	1019.0	-41.9 MA	2019.0	-40.6 MA
3019.0	-40.8 MA	4019.0	-40.7 MA	61.0	0.98 MA
1020.0	28.582 V	2020.0	28.581 V	3020.0	28.573 V
4020.0	28.570 V	1021.0	28.022 V	2021.0	28.020 V
3021.0	28.014 V	4021.0	28.016 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	174.32 V/MV	2023.0	185.91 V/MV	3023.0	170.97 V/MV
4023.0	160.54 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.598 MV	2026.0	1.636 MV	3026.0	1.484 MV
4026.0	1.350 MV	1027.0	0.887 V	2027.0	0.886 V
3027.0	0.884 V	4027.0	0.885 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.345 V	2029.0	28.345 V	3029.0	28.337 V
4029.0	28.332 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	332.19 NS
2031.0	348.16 NS	3031.0	375.10 NS	4031.0	365.12 NS
1032.0	16.81 %	2032.0	19.59 %	3032.0	16.39 %
4032.0	0.00 %	1033.0	0.297 V/US	2033.0	0.284 V/US
3033.0	0.269 V/US	4033.0	0.279 V/US	1034.0	0.309 V/US
2034.0	0.302 V/US	3034.0	0.283 V/US	4034.0	0.293 V/US

DEVICE 31 BIN 1 HEAD 3 03:30 PM 09/21/2004

600.0	300	700.0	25 DGR	800.0	456.2 UA
900.0	0.76 MA	1001.0	-0.660 MV	2001.0	-0.399 MV
3001.0	-0.214 MV	4001.0	-0.175 MV	1002.0	-0.173 MV
2002.0	0.143 MV	3002.0	0.326 MV	4002.0	0.311 MV
1003.0	-0.70 MV	2003.0	-0.39 MV	3003.0	-0.21 MV
4003.0	-0.21 MV	1004.0	-0.61 MV	2004.0	-0.30 MV
3004.0	-0.15 MV	4004.0	-0.13 MV	1005.0	0.62 NA
2005.0	-0.23 NA	3005.0	-0.59 NA	4005.0	0.43 NA
1006.0	0.15 NA	2006.0	-0.30 NA	3006.0	-0.42 NA
4006.0	-0.08 NA	1007.0	0.30 NA	2007.0	-0.29 NA
3007.0	-0.40 NA	4007.0	0.12 NA	1008.0	0.25 NA
2008.0	-0.31 NA	3008.0	-0.36 NA	4008.0	0.23 NA
1009.0	-29.33 NA	2009.0	-28.60 NA	3009.0	-29.32 NA
4009.0	-29.32 NA	1010.0	-16.16 NA	2010.0	-15.81 NA
3010.0	-16.07 NA	4010.0	-16.35 NA	1011.0	-19.73 NA
2011.0	-19.30 NA	3011.0	-19.64 NA	4011.0	-19.93 NA
1012.0	-18.13 NA	2012.0	-17.51 NA	3012.0	-18.09 NA
4012.0	-18.08 NA	1013.0	-29.95 NA	2013.0	-28.36 NA
3013.0	-28.74 NA	4013.0	-29.75 NA	1014.0	-16.31 NA
2014.0	-15.51 NA	3014.0	-15.65 NA	4014.0	-16.27 NA
1015.0	-20.03 NA	2015.0	-19.01 NA	3015.0	-19.24 NA
4015.0	-20.06 NA	116.0	-18.39 NA	216.0	-17.19 NA
316.0	-17.73 NA	416.0	-18.31 NA	1017.0	1.09 UV
2017.0	-0.53 UV	3017.0	-0.14 UV	4017.0	1.28 UV
1018.0	95.19 DB	2018.0	94.25 DB	3018.0	94.29 DB
4018.0	95.20 DB	1019.0	-40.8 MA	2019.0	-40.7 MA
3019.0	-40.4 MA	4019.0	-40.1 MA	61.0	0.99 MA
1020.0	28.584 V	2020.0	28.580 V	3020.0	28.572 V
4020.0	28.572 V	1021.0	28.035 V	2021.0	28.033 V
3021.0	28.024 V	4021.0	28.028 V	1022.0	504.87 V/MV
2022.0	502.56 V/MV	3022.0	500.63 V/MV	4022.0	507.42 V/MV
1023.0	171.13 V/MV	2023.0	190.40 V/MV	3023.0	173.24 V/MV
4023.0	159.24 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.749 MV	2026.0	1.668 MV	3026.0	1.417 MV
4026.0	1.374 MV	1027.0	0.885 V	2027.0	0.885 V
3027.0	0.883 V	4027.0	0.884 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.344 V	2029.0	28.343 V	3029.0	28.332 V
4029.0	28.330 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	321.21 NS
2031.0	331.19 NS	3031.0	348.16 NS	4031.0	343.17 NS
1032.0	19.03 %	2032.0	21.85 %	3032.0	18.30 %
4032.0	19.03 %	1033.0	0.311 V/US	2033.0	0.303 V/US
3033.0	0.287 V/US	4033.0	0.297 V/US	1034.0	0.325 V/US
2034.0	0.321 V/US	3034.0	0.299 V/US	4034.0	0.311 V/US

DEVICE	24	BIN	1	HEAD 3	03:07 PM	10/13/2004
600.0	300	700.0	25 DGR	800.0	474.7 UA	
900.0	0.75 MA	1001.0	-0.223 MV	2001.0	-0.224 MV	
3001.0	-0.040 MV	4001.0	-0.012 MV	1002.0	0.259 MV	
2002.0	0.303 MV	3002.0	0.481 MV	4002.0	0.441 MV	
1003.0	-0.25 MV	2003.0	-0.26 MV	3003.0	-0.03 MV	
4003.0	-0.02 MV	1004.0	-0.15 MV	2004.0	-0.18 MV	
3004.0	0.04 MV	4004.0	0.04 MV	1005.0	0.06 NA	
2005.0	-0.04 NA	3005.0	-0.03 NA	4005.0	-0.01 NA	
1006.0	-0.06 NA	2006.0	-0.14 NA	3006.0	-0.09 NA	
4006.0	-0.05 NA	1007.0	-0.05 NA	2007.0	-0.00 NA	
3007.0	-0.12 NA	4007.0	0.01 NA	1008.0	0.02 NA	
2008.0	-0.03 NA	3008.0	-0.07 NA	4008.0	-0.04 NA	
1009.0	-16.29 NA	2009.0	-15.44 NA	3009.0	-15.85 NA	
4009.0	-16.19 NA	1010.0	-8.54 NA	2010.0	-8.25 NA	
3010.0	-8.47 NA	4010.0	-8.61 NA	1011.0	-10.65 NA	
2011.0	-10.41 NA	3011.0	-10.47 NA	4011.0	-10.73 NA	
1012.0	-9.85 NA	2012.0	-9.45 NA	3012.0	-9.71 NA	
4012.0	-9.86 NA	1013.0	-16.34 NA	2013.0	-15.40 NA	
3013.0	-15.82 NA	4013.0	-16.18 NA	1014.0	-8.48 NA	
2014.0	-8.11 NA	3014.0	-8.38 NA	4014.0	-8.55 NA	
1015.0	-10.60 NA	2015.0	-10.41 NA	3015.0	-10.35 NA	
4015.0	-10.74 NA	116.0	-9.87 NA	216.0	-9.42 NA	
316.0	-9.64 NA	416.0	-9.83 NA	1017.0	0.30 UV	
2017.0	1.36 UV	3017.0	-0.35 UV	4017.0	0.24 UV	
1018.0	95.29 DB	2018.0	94.51 DB	3018.0	94.61 DB	
4018.0	95.81 DB	1019.0	-41.3 MA	2019.0	-39.9 MA	
3019.0	-40.2 MA	4019.0	-41.0 MA	61.0	0.99 MA	
1020.0	28.580 V	2020.0	28.577 V	3020.0	28.568 V	
4020.0	28.566 V	1021.0	28.009 V	2021.0	28.011 V	
3021.0	28.002 V	4021.0	28.001 V	1022.0	504.89 V/MV	
2022.0	502.71 V/MV	3022.0	500.69 V/MV	4022.0	507.51 V/MV	
1023.0	172.33 V/MV	2023.0	190.68 V/MV	3023.0	195.26 V/MV	
4023.0	171.39 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.494 MV	2026.0	1.525 MV	3026.0	1.219 MV	
4026.0	1.210 MV	1027.0	0.883 V	2027.0	0.883 V	
3027.0	0.881 V	4027.0	0.884 V	1028.0	9 MV	
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV	
1029.0	28.340 V	2029.0	28.342 V	3029.0	28.327 V	
4029.0	28.325 V	1030.0	2.85 V	2030.0	2.85 V	
3030.0	2.84 V	4030.0	2.83 V	1031.0	335.18 NS	
2031.0	346.16 NS	3031.0	366.12 NS	4031.0	359.13 NS	
1032.0	17.37 %	2032.0	20.98 %	3032.0	17.37 %	
4032.0	18.10 %	1033.0	0.301 V/US	2033.0	0.297 V/US	
3033.0	0.283 V/US	4033.0	0.290 V/US	1034.0	0.317 V/US	
2034.0	0.309 V/US	3034.0	0.293 V/US	4034.0	0.300 V/US	

DEVICE 25 BIN 1 HEAD 3 03:07 PM 10/13/2004

600.0	300	700.0	25 DGR	800.0	523.4 UA
900.0	0.77 MA	1001.0	-0.025 MV	2001.0	-0.068 MV
3001.0	-0.094 MV	4001.0	0.062 MV	1002.0	0.546 MV
2002.0	0.521 MV	3002.0	0.445 MV	4002.0	0.620 MV
1003.0	-0.05 MV	2003.0	-0.05 MV	3003.0	-0.06 MV
4003.0	0.04 MV	1004.0	0.06 MV	2004.0	0.04 MV
3004.0	0.01 MV	4004.0	0.12 MV	1005.0	0.24 NA
2005.0	-0.10 NA	3005.0	0.04 NA	4005.0	0.01 NA
1006.0	-0.07 NA	2006.0	-0.16 NA	3006.0	-0.04 NA
4006.0	-0.09 NA	1007.0	0.03 NA	2007.0	0.05 NA
3007.0	0.00 NA	4007.0	-0.09 NA	1008.0	0.01 NA
2008.0	-0.08 NA	3008.0	-0.02 NA	4008.0	-0.06 NA
1009.0	-17.40 NA	2009.0	-16.69 NA	3009.0	-16.88 NA
4009.0	-17.39 NA	1010.0	-9.15 NA	2010.0	-8.95 NA
3010.0	-9.04 NA	4010.0	-9.23 NA	1011.0	-11.15 NA
2011.0	-10.76 NA	3011.0	-10.87 NA	4011.0	-11.38 NA
1012.0	-10.10 NA	2012.0	-10.05 NA	3012.0	-10.17 NA
4012.0	-10.28 NA	1013.0	-17.64 NA	2013.0	-16.59 NA
3013.0	-16.92 NA	4013.0	-17.40 NA	1014.0	-9.08 NA
2014.0	-8.79 NA	3014.0	-9.01 NA	4014.0	-9.14 NA
1015.0	-11.18 NA	2015.0	-10.81 NA	3015.0	-10.87 NA
4015.0	-11.29 NA	116.0	-10.11 NA	216.0	-9.97 NA
316.0	-10.15 NA	416.0	-10.22 NA	1017.0	0.10 UV
2017.0	-0.42 UV	3017.0	-0.85 UV	4017.0	0.92 UV
1018.0	93.80 DB	2018.0	93.54 DB	3018.0	94.32 DB
4018.0	94.01 DB	1019.0	-41.0 MA	2019.0	-40.9 MA
3019.0	-40.8 MA	4019.0	-39.8 MA	61.0	1.02 MA
1020.0	28.594 V	2020.0	28.592 V	3020.0	28.583 V
4020.0	28.581 V	1021.0	28.038 V	2021.0	28.028 V
3021.0	28.021 V	4021.0	28.026 V	1022.0	504.89 V/MV
2022.0	502.71 V/MV	3022.0	500.69 V/MV	4022.0	507.51 V/MV
1023.0	175.00 V/MV	2023.0	202.62 V/MV	3023.0	181.09 V/MV
4023.0	160.19 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.562 MV	2026.0	1.544 MV	3026.0	1.145 MV
4026.0	1.198 MV	1027.0	0.878 V	2027.0	0.879 V
3027.0	0.876 V	4027.0	0.878 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.355 V	2029.0	28.355 V	3029.0	28.343 V
4029.0	28.339 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	338.18 NS
2031.0	356.14 NS	3031.0	362.13 NS	4031.0	353.15 NS
1032.0	16.50 %	2032.0	20.73 %	3032.0	18.05 %
4032.0	18.80 %	1033.0	0.310 V/US	2033.0	0.303 V/US
3033.0	0.288 V/US	4033.0	0.295 V/US	1034.0	0.325 V/US
2034.0	0.314 V/US	3034.0	0.298 V/US	4034.0	0.306 V/US

DEVICE 26 BIN 1 HEAD 3 03:08 PM 10/13/2004

600.0	300	700.0	25 DGR	800.0	451.2 UA
900.0	1.05 MA	1001.0	-0.585 MV	2001.0	-0.528 MV
3001.0	-0.494 MV	4001.0	-0.687 MV	1002.0	-0.095 MV
2002.0	-0.028 MV	3002.0	0.070 MV	4002.0	-0.153 MV
1003.0	-0.66 MV	2003.0	-0.56 MV	3003.0	-0.50 MV
4003.0	-0.71 MV	1004.0	-0.55 MV	2004.0	-0.48 MV
3004.0	-0.41 MV	4004.0	-0.63 MV	1005.0	0.60 NA
2005.0	-0.14 NA	3005.0	-0.06 NA	4005.0	0.42 NA
1006.0	0.20 NA	2006.0	-0.19 NA	3006.0	-0.04 NA
4006.0	0.04 NA	1007.0	0.44 NA	2007.0	-0.14 NA
3007.0	0.00 NA	4007.0	0.17 NA	1008.0	0.37 NA
2008.0	0.04 NA	3008.0	-0.20 NA	4008.0	0.23 NA
1009.0	-35.05 NA	2009.0	-34.18 NA	3009.0	-34.55 NA
4009.0	-35.42 NA	1010.0	-19.50 NA	2010.0	-18.77 NA
3010.0	-19.06 NA	4010.0	-19.74 NA	1011.0	-23.74 NA
2011.0	-23.21 NA	3011.0	-23.31 NA	4011.0	-24.21 NA
1012.0	-21.70 NA	2012.0	-21.08 NA	3012.0	-21.47 NA
4012.0	-22.08 NA	1013.0	-35.65 NA	2013.0	-34.04 NA
3013.0	-34.49 NA	4013.0	-35.84 NA	1014.0	-19.70 NA
2014.0	-18.58 NA	3014.0	-19.01 NA	4014.0	-19.78 NA
1015.0	-24.18 NA	2015.0	-23.07 NA	3015.0	-23.31 NA
4015.0	-24.38 NA	116.0	-22.07 NA	216.0	-21.12 NA
316.0	-21.28 NA	416.0	-22.31 NA	1017.0	1.79 UV
2017.0	0.48 UV	3017.0	-0.55 UV	4017.0	0.22 UV
1018.0	95.13 DB	2018.0	94.96 DB	3018.0	93.91 DB
4018.0	94.39 DB	1019.0	-41.0 MA	2019.0	-40.7 MA
3019.0	-40.7 MA	4019.0	-40.2 MA	61.0	1.13 MA
1020.0	28.578 V	2020.0	28.571 V	3020.0	28.565 V
4020.0	28.566 V	1021.0	28.017 V	2021.0	27.999 V
3021.0	28.003 V	4021.0	28.009 V	1022.0	504.89 V/MV
2022.0	416.19 V/MV	3022.0	402.39 V/MV	4022.0	503.56 V/MV
1023.0	139.92 V/MV	2023.0	137.45 V/MV	3023.0	136.72 V/MV
4023.0	134.80 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.804 MV	2026.0	1.761 MV	3026.0	1.677 MV
4026.0	1.527 MV	1027.0	0.885 V	2027.0	0.888 V
3027.0	0.883 V	4027.0	0.884 V	1028.0	7 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.342 V	2029.0	28.330 V	3029.0	28.326 V
4029.0	28.328 V	1030.0	2.85 V	2030.0	2.84 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	353.15 NS
2031.0	350.15 NS	3031.0	366.12 NS	4031.0	362.13 NS
1032.0	16.25 %	2032.0	20.65 %	3032.0	17.55 %
4032.0	18.35 %	1033.0	0.307 V/US	2033.0	0.296 V/US
3033.0	0.281 V/US	4033.0	0.290 V/US	1034.0	0.319 V/US
2034.0	0.313 V/US	3034.0	0.294 V/US	4034.0	0.306 V/US

600.0	300	700.0	25 DGR	800.0	447.7 UA
900.0	1.14 MA	1001.0	-0.630 MV	2001.0	-0.613 MV
3001.0	-0.501 MV	4001.0	-0.163 MV	1002.0	-0.096 MV
2002.0	-0.080 MV	3002.0	0.027 MV	4002.0	0.341 MV
1003.0	-0.69 MV	2003.0	-0.67 MV	3003.0	-0.56 MV
4003.0	-0.22 MV	1004.0	-0.58 MV	2004.0	-0.59 MV
3004.0	-0.48 MV	4004.0	-0.15 MV	1005.0	-0.01 NA
2005.0	0.28 NA	3005.0	0.52 NA	4005.0	-0.41 NA
1006.0	-0.03 NA	2006.0	-0.15 NA	3006.0	0.13 NA
4006.0	-0.38 NA	1007.0	0.02 NA	2007.0	0.21 NA
3007.0	0.36 NA	4007.0	-0.41 NA	1008.0	-0.02 NA
2008.0	0.13 NA	3008.0	0.34 NA	4008.0	-0.33 NA
1009.0	-34.67 NA	2009.0	-33.14 NA	3009.0	-33.50 NA
4009.0	-34.96 NA	1010.0	-19.66 NA	2010.0	-18.98 NA
3010.0	-19.10 NA	4010.0	-20.13 NA	1011.0	-23.59 NA
2011.0	-22.64 NA	3011.0	-22.91 NA	4011.0	-24.14 NA
1012.0	-21.72 NA	2012.0	-20.78 NA	3012.0	-21.12 NA
4012.0	-22.07 NA	1013.0	-34.66 NA	2013.0	-33.42 NA
3013.0	-34.03 NA	4013.0	-34.55 NA	1014.0	-19.63 NA
2014.0	-18.83 NA	3014.0	-19.23 NA	4014.0	-19.75 NA
1015.0	-23.61 NA	2015.0	-22.85 NA	3015.0	-23.27 NA
4015.0	-23.73 NA	116.0	-21.70 NA	216.0	-20.91 NA
316.0	-21.46 NA	416.0	-21.74 NA	1017.0	0.54 UV
2017.0	1.71 UV	3017.0	1.44 UV	4017.0	1.12 UV
1018.0	94.39 DB	2018.0	94.42 DB	3018.0	94.49 DB
4018.0	94.90 DB	1019.0	-41.4 MA	2019.0	-40.6 MA
3019.0	-40.2 MA	4019.0	-40.5 MA	61.0	1.16 MA
1020.0	28.576 V	2020.0	28.574 V	3020.0	28.566 V
4020.0	28.563 V	1021.0	27.996 V	2021.0	27.996 V
3021.0	27.989 V	4021.0	27.989 V	1022.0	323.80 V/MV
2022.0	435.80 V/MV	3022.0	395.72 V/MV	4022.0	327.89 V/MV
1023.0	127.69 V/MV	2023.0	143.96 V/MV	3023.0	130.47 V/MV
4023.0	118.35 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.751 MV	2026.0	1.761 MV	3026.0	1.443 MV
4026.0	1.410 MV	1027.0	0.886 V	2027.0	0.887 V
3027.0	0.885 V	4027.0	0.885 V	1028.0	6 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.338 V	2029.0	28.340 V	3029.0	28.329 V
4029.0	28.325 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	355.14 NS
2031.0	368.11 NS	3031.0	386.08 NS	4031.0	375.10 NS
1032.0	16.25 %	2032.0	19.03 %	3032.0	16.81 %
4032.0	16.50 %	1033.0	0.293 V/US	2033.0	0.275 V/US
3033.0	0.265 V/US	4033.0	0.272 V/US	1034.0	0.305 V/US
2034.0	0.294 V/US	3034.0	0.276 V/US	4034.0	0.284 V/US

DEVICE 28 BIN 1 HEAD 3 03:08 PM 10/13/2004

600.0	300	700.0	25 DGR	800.0	438.0 UA
900.0	1.18 MA	1001.0	-1.282 MV	2001.0	-0.802 MV
3001.0	-1.754 MV	4001.0	-0.547 MV	1002.0	-0.848 MV
2002.0	-0.254 MV	3002.0	-1.184 MV	4002.0	0.007 MV
1003.0	-1.35 MV	2003.0	-0.88 MV	3003.0	-1.75 MV
4003.0	-0.64 MV	1004.0	-1.27 MV	2004.0	-0.79 MV
3004.0	-1.68 MV	4004.0	-0.56 MV	1005.0	0.85 NA
2005.0	-0.22 NA	3005.0	-0.03 NA	4005.0	-0.31 NA
1006.0	0.30 NA	2006.0	-0.24 NA	3006.0	-0.26 NA
4006.0	-0.13 NA	1007.0	0.55 NA	2007.0	-0.17 NA
3007.0	-0.11 NA	4007.0	-0.18 NA	1008.0	0.47 NA
2008.0	-0.08 NA	3008.0	-0.21 NA	4008.0	-0.19 NA
1009.0	-32.18 NA	2009.0	-32.16 NA	3009.0	-30.89 NA
4009.0	-31.95 NA	1010.0	-17.10 NA	2010.0	-17.32 NA
3010.0	-16.65 NA	4010.0	-17.10 NA	1011.0	-21.76 NA
2011.0	-21.76 NA	3011.0	-21.10 NA	4011.0	-21.98 NA
1012.0	-19.81 NA	2012.0	-19.70 NA	3012.0	-19.31 NA
4012.0	-19.98 NA	1013.0	-33.02 NA	2013.0	-31.94 NA
3013.0	-30.86 NA	4013.0	-31.64 NA	1014.0	-17.41 NA
2014.0	-17.08 NA	3014.0	-16.39 NA	4014.0	-16.97 NA
1015.0	-22.30 NA	2015.0	-21.59 NA	3015.0	-20.99 NA
4015.0	-21.80 NA	116.0	-20.28 NA	216.0	-19.63 NA
316.0	-19.10 NA	416.0	-19.79 NA	1017.0	1.15 UV
2017.0	1.95 UV	3017.0	-0.68 UV	4017.0	2.53 UV
1018.0	96.21 DB	2018.0	94.17 DB	3018.0	93.83 DB
4018.0	94.08 DB	1019.0	-40.8 MA	2019.0	-40.8 MA
3019.0	-40.5 MA	4019.0	-39.8 MA	61.0	1.16 MA
1020.0	28.575 V	2020.0	28.578 V	3020.0	28.569 V
4020.0	28.566 V	1021.0	27.998 V	2021.0	27.997 V
3021.0	27.984 V	4021.0	27.993 V	1022.0	322.44 V/MV
2022.0	374.18 V/MV	3022.0	359.77 V/MV	4022.0	368.87 V/MV
1023.0	128.40 V/MV	2023.0	134.68 V/MV	3023.0	122.79 V/MV
4023.0	126.34 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.843 MV	2026.0	1.845 MV	3026.0	1.391 MV
4026.0	1.400 MV	1027.0	0.882 V	2027.0	0.881 V
3027.0	0.879 V	4027.0	0.883 V	1028.0	6 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.342 V	2029.0	28.346 V	3029.0	28.333 V
4029.0	28.331 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	371.11 NS
2031.0	371.11 NS	3031.0	414.02 NS	4031.0	399.05 NS
1032.0	14.37 %	2032.0	18.30 %	3032.0	14.92 %
4032.0	14.79 %	1033.0	0.282 V/US	2033.0	0.276 V/US
3033.0	0.244 V/US	4033.0	0.258 V/US	1034.0	0.299 V/US
2034.0	0.298 V/US	3034.0	0.266 V/US	4034.0	0.275 V/US

600.0	300	700.0	25 DGR	800.0	452.0 UA
900.0	1.09 MA	1001.0	-0.367 MV	2001.0	-0.552 MV
3001.0	-0.349 MV	4001.0	-0.305 MV	1002.0	0.145 MV
2002.0	-0.033 MV	3002.0	0.179 MV	4002.0	0.250 MV
1003.0	-0.43 MV	2003.0	-0.59 MV	3003.0	-0.39 MV
4003.0	-0.36 MV	1004.0	-0.34 MV	2004.0	-0.51 MV
3004.0	-0.32 MV	4004.0	-0.30 MV	1005.0	0.21 NA
2005.0	-0.82 NA	3005.0	-0.60 NA	4005.0	0.71 NA
1006.0	-0.11 NA	2006.0	-0.48 NA	3006.0	-0.56 NA
4006.0	0.18 NA	1007.0	0.15 NA	2007.0	-0.47 NA
3007.0	-0.37 NA	4007.0	0.39 NA	1008.0	-0.08 NA
2008.0	-0.37 NA	3008.0	-0.42 NA	4008.0	0.31 NA
1009.0	-33.06 NA	2009.0	-32.51 NA	3009.0	-31.86 NA
4009.0	-32.45 NA	1010.0	-17.95 NA	2010.0	-17.48 NA
3010.0	-17.36 NA	4010.0	-17.60 NA	1011.0	-22.18 NA
2011.0	-21.70 NA	3011.0	-21.55 NA	4011.0	-21.85 NA
1012.0	-20.29 NA	2012.0	-19.90 NA	3012.0	-19.69 NA
4012.0	-20.05 NA	1013.0	-33.27 NA	2013.0	-31.69 NA
3013.0	-31.26 NA	4013.0	-33.16 NA	1014.0	-17.84 NA
2014.0	-17.00 NA	3014.0	-16.80 NA	4014.0	-17.78 NA
1015.0	-22.34 NA	2015.0	-21.23 NA	3015.0	-21.18 NA
4015.0	-22.24 NA	116.0	-20.22 NA	216.0	-19.53 NA
316.0	-19.27 NA	416.0	-20.37 NA	1017.0	1.34 UV
2017.0	0.78 UV	3017.0	0.41 UV	4017.0	2.03 UV
1018.0	94.76 DB	2018.0	94.62 DB	3018.0	94.49 DB
4018.0	94.06 DB	1019.0	-40.8 MA	2019.0	-40.7 MA
3019.0	-40.6 MA	4019.0	-39.6 MA	61.0	1.15 MA
1020.0	28.586 V	2020.0	28.581 V	3020.0	28.571 V
4020.0	28.570 V	1021.0	28.020 V	2021.0	28.006 V
3021.0	27.990 V	4021.0	28.006 V	1022.0	479.95 V/MV
2022.0	428.38 V/MV	3022.0	283.37 V/MV	4022.0	507.51 V/MV
1023.0	133.52 V/MV	2023.0	138.96 V/MV	3023.0	124.19 V/MV
4023.0	139.47 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.785 MV	2026.0	1.785 MV	3026.0	1.608 MV
4026.0	1.525 MV	1027.0	0.881 V	2027.0	0.882 V
3027.0	0.879 V	4027.0	0.881 V	1028.0	6 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.351 V	2029.0	28.344 V	3029.0	28.332 V
4029.0	28.331 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	348.16 NS
2031.0	357.14 NS	3031.0	381.09 NS	4031.0	372.11 NS
1032.0	16.25 %	2032.0	19.59 %	3032.0	16.81 %
4032.0	16.81 %	1033.0	0.306 V/US	2033.0	0.290 V/US
3033.0	0.274 V/US	4033.0	0.283 V/US	1034.0	0.316 V/US
2034.0	0.309 V/US	3034.0	0.285 V/US	4034.0	0.299 V/US

600.0	300	700.0	25 DGR	800.0	449.1 UA
900.0	1.09 MA	1001.0	-0.780 MV	2001.0	-0.374 MV
3001.0	-0.832 MV	4001.0	-0.268 MV	1002.0	-0.272 MV
2002.0	0.118 MV	3002.0	-0.325 MV	4002.0	0.234 MV
1003.0	-0.82 MV	2003.0	-0.50 MV	3003.0	-0.86 MV
4003.0	-0.32 MV	1004.0	-0.71 MV	2004.0	-0.41 MV
3004.0	-0.79 MV	4004.0	-0.25 MV	1005.0	-0.13 NA
2005.0	-0.21 NA	3005.0	0.33 NA	4005.0	0.05 NA
1006.0	-0.12 NA	2006.0	-0.29 NA	3006.0	0.02 NA
4006.0	-0.04 NA	1007.0	-0.19 NA	2007.0	-0.19 NA
3007.0	0.26 NA	4007.0	0.09 NA	1008.0	-0.10 NA
2008.0	-0.15 NA	3008.0	0.15 NA	4008.0	-0.08 NA
1009.0	-34.24 NA	2009.0	-32.85 NA	3009.0	-33.14 NA
4009.0	-34.66 NA	1010.0	-19.40 NA	2010.0	-18.58 NA
3010.0	-18.92 NA	4010.0	-19.62 NA	1011.0	-23.43 NA
2011.0	-22.43 NA	3011.0	-22.68 NA	4011.0	-23.76 NA
1012.0	-21.33 NA	2012.0	-20.61 NA	3012.0	-20.76 NA
4012.0	-21.88 NA	1013.0	-34.11 NA	2013.0	-32.64 NA
3013.0	-33.47 NA	4013.0	-34.71 NA	1014.0	-19.28 NA
2014.0	-18.29 NA	3014.0	-18.94 NA	4014.0	-19.58 NA
1015.0	-23.24 NA	2015.0	-22.24 NA	3015.0	-22.95 NA
4015.0	-23.85 NA	116.0	-21.23 NA	216.0	-20.46 NA
316.0	-20.91 NA	416.0	-21.81 NA	1017.0	0.08 UV
2017.0	4.05 UV	3017.0	0.74 UV	4017.0	1.38 UV
1018.0	94.82 DB	2018.0	95.11 DB	3018.0	94.85 DB
4018.0	94.93 DB	1019.0	-41.7 MA	2019.0	-40.5 MA
3019.0	-40.6 MA	4019.0	-40.5 MA	61.0	1.14 MA
1020.0	28.574 V	2020.0	28.572 V	3020.0	28.565 V
4020.0	28.561 V	1021.0	27.983 V	2021.0	27.983 V
3021.0	27.978 V	4021.0	27.976 V	1022.0	358.57 V/MV
2022.0	485.13 V/MV	3022.0	456.69 V/MV	4022.0	362.09 V/MV
1023.0	134.39 V/MV	2023.0	142.16 V/MV	3023.0	134.46 V/MV
4023.0	123.98 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.749 MV	2026.0	1.785 MV	3026.0	1.446 MV
4026.0	1.494 MV	1027.0	0.885 V	2027.0	0.886 V
3027.0	0.883 V	4027.0	0.884 V	1028.0	6 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.338 V	2029.0	28.338 V	3029.0	28.330 V
4029.0	28.326 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	360.13 NS
2031.0	368.11 NS	3031.0	385.08 NS	4031.0	371.11 NS
1032.0	15.67 %	2032.0	19.59 %	3032.0	16.25 %
4032.0	16.81 %	1033.0	0.292 V/US	2033.0	0.277 V/US
3033.0	0.265 V/US	4033.0	0.275 V/US	1034.0	0.304 V/US
2034.0	0.296 V/US	3034.0	0.278 V/US	4034.0	0.288 V/US

600.0	300	700.0	25 DGR	800.0	453.4 UA
900.0	1.12 MA	1001.0	-0.765 MV	2001.0	-0.503 MV
3001.0	-0.309 MV	4001.0	-0.275 MV	1002.0	-0.276 MV
2002.0	0.034 MV	3002.0	0.231 MV	4002.0	0.204 MV
1003.0	-0.84 MV	2003.0	-0.52 MV	3003.0	-0.35 MV
4003.0	-0.34 MV	1004.0	-0.73 MV	2004.0	-0.43 MV
3004.0	-0.28 MV	4004.0	-0.27 MV	1005.0	0.75 NA
2005.0	-0.23 NA	3005.0	-0.68 NA	4005.0	0.77 NA
1006.0	0.24 NA	2006.0	-0.33 NA	3006.0	-0.50 NA
4006.0	0.11 NA	1007.0	0.32 NA	2007.0	-0.13 NA
3007.0	-0.55 NA	4007.0	0.34 NA	1008.0	0.46 NA
2008.0	-0.22 NA	3008.0	-0.39 NA	4008.0	0.31 NA
1009.0	-35.87 NA	2009.0	-35.30 NA	3009.0	-35.74 NA
4009.0	-35.93 NA	1010.0	-20.04 NA	2010.0	-19.60 NA
3010.0	-19.99 NA	4010.0	-20.07 NA	1011.0	-24.44 NA
2011.0	-23.90 NA	3011.0	-24.42 NA	4011.0	-24.42 NA
1012.0	-22.31 NA	2012.0	-21.90 NA	3012.0	-22.21 NA
4012.0	-22.43 NA	1013.0	-36.61 NA	2013.0	-35.07 NA
3013.0	-35.05 NA	4013.0	-36.70 NA	1014.0	-20.29 NA
2014.0	-19.27 NA	3014.0	-19.49 NA	4014.0	-20.19 NA
1015.0	-24.77 NA	2015.0	-23.76 NA	3015.0	-23.87 NA
4015.0	-24.76 NA	116.0	-22.77 NA	216.0	-21.68 NA
316.0	-21.82 NA	416.0	-22.74 NA	1017.0	1.56 UV
2017.0	-0.13 UV	3017.0	0.37 UV	4017.0	1.91 UV
1018.0	95.15 DB	2018.0	94.34 DB	3018.0	94.29 DB
4018.0	95.33 DB	1019.0	-40.7 MA	2019.0	-40.5 MA
3019.0	-40.3 MA	4019.0	-39.9 MA	61.0	1.16 MA
1020.0	28.581 V	2020.0	28.575 V	3020.0	28.567 V
4020.0	28.568 V	1021.0	28.015 V	2021.0	28.007 V
3021.0	27.998 V	4021.0	28.007 V	1022.0	471.16 V/MV
2022.0	376.09 V/MV	3022.0	346.40 V/MV	4022.0	449.14 V/MV
1023.0	136.51 V/MV	2023.0	136.11 V/MV	3023.0	130.17 V/MV
4023.0	128.15 V/MV	1024.0	30.29 V/MV	2024.0	30.16 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.16 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.917 MV	2026.0	1.965 MV	3026.0	1.562 MV
4026.0	1.579 MV	1027.0	0.885 V	2027.0	0.884 V
3027.0	0.882 V	4027.0	0.883 V	1028.0	7 MV
2028.0	6 MV	3028.0	6 MV	4028.0	6 MV
1029.0	28.343 V	2029.0	28.340 V	3029.0	28.327 V
4029.0	28.328 V	1030.0	2.86 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	346.16 NS
2031.0	347.16 NS	3031.0	369.11 NS	4031.0	356.14 NS
1032.0	17.05 %	2032.0	20.89 %	3032.0	17.79 %
4032.0	17.79 %	1033.0	0.307 V/US	2033.0	0.299 V/US
3033.0	0.284 V/US	4033.0	0.294 V/US	1034.0	0.323 V/US
2034.0	0.316 V/US	3034.0	0.295 V/US	4034.0	0.307 V/US

DEVICE 24 BIN 1 HEAD 3 03:57 PM 11/09/2004

600.0	300	700.0	25 DGR	800.0	498.3 UA
900.0	0.75 MA	1001.0	-0.222 MV	2001.0	-0.222 MV
3001.0	-0.032 MV	4001.0	-0.013 MV	1002.0	0.266 MV
2002.0	0.297 MV	3002.0	0.489 MV	4002.0	0.442 MV
1003.0	-0.25 MV	2003.0	-0.26 MV	3003.0	-0.02 MV
4003.0	-0.02 MV	1004.0	-0.15 MV	2004.0	-0.17 MV
3004.0	0.04 MV	4004.0	0.04 MV	1005.0	0.23 NA
2005.0	-0.11 NA	3005.0	0.06 NA	4005.0	0.02 NA
1006.0	-0.06 NA	2006.0	-0.14 NA	3006.0	-0.11 NA
4006.0	-0.08 NA	1007.0	0.15 NA	2007.0	-0.01 NA
3007.0	-0.13 NA	4007.0	-0.09 NA	1008.0	0.02 NA
2008.0	-0.04 NA	3008.0	-0.08 NA	4008.0	-0.06 NA
1009.0	-16.22 NA	2009.0	-15.30 NA	3009.0	-15.74 NA
4009.0	-16.06 NA	1010.0	-8.49 NA	2010.0	-8.20 NA
3010.0	-8.42 NA	4010.0	-8.56 NA	1011.0	-10.59 NA
2011.0	-10.35 NA	3011.0	-10.34 NA	4011.0	-10.67 NA
1012.0	-9.79 NA	2012.0	-9.40 NA	3012.0	-9.65 NA
4012.0	-9.81 NA	1013.0	-16.46 NA	2013.0	-15.19 NA
3013.0	-15.79 NA	4013.0	-16.08 NA	1014.0	-8.42 NA
2014.0	-8.06 NA	3014.0	-8.32 NA	4014.0	-8.48 NA
1015.0	-10.74 NA	2015.0	-10.34 NA	3015.0	-10.21 NA
4015.0	-10.58 NA	116.0	-9.81 NA	216.0	-9.36 NA
316.0	-9.58 NA	416.0	-9.75 NA	1017.0	0.40 UV
2017.0	1.31 UV	3017.0	-0.45 UV	4017.0	0.26 UV
1018.0	95.16 DB	2018.0	94.64 DB	3018.0	94.61 DB
4018.0	95.78 DB	1019.0	-41.4 MA	2019.0	-39.9 MA
3019.0	-40.2 MA	4019.0	-41.0 MA	61.0	0.99 MA
1020.0	28.579 V	2020.0	28.576 V	3020.0	28.568 V
4020.0	28.566 V	1021.0	28.008 V	2021.0	28.005 V
3021.0	28.000 V	4021.0	28.000 V	1022.0	504.84 V/MV
2022.0	502.51 V/MV	3022.0	500.64 V/MV	4022.0	507.45 V/MV
1023.0	171.08 V/MV	2023.0	189.35 V/MV	3023.0	196.94 V/MV
4023.0	171.35 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.544 MV	2026.0	1.562 MV	3026.0	1.217 MV
4026.0	1.336 MV	1027.0	0.884 V	2027.0	0.885 V
3027.0	0.883 V	4027.0	0.884 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV
1029.0	28.339 V	2029.0	28.337 V	3029.0	28.327 V
4029.0	28.323 V	1030.0	2.85 V	2030.0	2.84 V
3030.0	2.83 V	4030.0	2.83 V	1031.0	333.19 NS
2031.0	353.15 NS	3031.0	382.08 NS	4031.0	347.16 NS
1032.0	16.81 %	2032.0	20.33 %	3032.0	17.37 %
4032.0	18.85 %	1033.0	0.301 V/US	2033.0	0.298 V/US
3033.0	0.283 V/US	4033.0	0.291 V/US	1034.0	0.317 V/US
2034.0	0.309 V/US	3034.0	0.294 V/US	4034.0	0.301 V/US

DEVICE	25	BIN	1	HEAD 3	03:57 PM	11/09/2004
600.0	300	700.0	25 DGR	800.0	494.3 UA	
900.0	0.75 MA	1001.0	-0.106 MV	2001.0	-0.365 MV	
3001.0	0.381 MV	4001.0	-0.456 MV	1002.0	0.410 MV	
2002.0	0.178 MV	3002.0	0.884 MV	4002.0	0.079 MV	
1003.0	-0.11 MV	2003.0	-0.39 MV	3003.0	0.35 MV	
4003.0	-0.42 MV	1004.0	-0.02 MV	2004.0	-0.31 MV	
3004.0	0.42 MV	4004.0	-0.35 MV	1005.0	-0.16 NA	
2005.0	0.06 NA	3005.0	0.25 NA	4005.0	-0.00 NA	
1006.0	-0.21 NA	2006.0	-0.05 NA	3006.0	0.05 NA	
4006.0	-0.04 NA	1007.0	-0.13 NA	2007.0	-0.06 NA	
3007.0	0.26 NA	4007.0	-0.20 NA	1008.0	-0.16 NA	
2008.0	0.09 NA	3008.0	0.09 NA	4008.0	-0.02 NA	
1009.0	-16.20 NA	2009.0	-15.29 NA	3009.0	-15.49 NA	
4009.0	-16.11 NA	1010.0	-8.49 NA	2010.0	-8.14 NA	
3010.0	-8.27 NA	4010.0	-8.52 NA	1011.0	-10.62 NA	
2011.0	-10.27 NA	3011.0	-10.02 NA	4011.0	-10.83 NA	
1012.0	-9.78 NA	2012.0	-9.32 NA	3012.0	-9.47 NA	
4012.0	-9.77 NA	1013.0	-16.04 NA	2013.0	-15.35 NA	
3013.0	-15.74 NA	4013.0	-16.11 NA	1014.0	-8.27 NA	
2014.0	-8.09 NA	3014.0	-8.32 NA	4014.0	-8.48 NA	
1015.0	-10.49 NA	2015.0	-10.20 NA	3015.0	-10.28 NA	
4015.0	-10.63 NA	116.0	-9.62 NA	216.0	-9.41 NA	
316.0	-9.56 NA	416.0	-9.75 NA	1017.0	-0.77 UV	
2017.0	0.81 UV	3017.0	1.54 UV	4017.0	-1.58 UV	
1018.0	94.68 DB	2018.0	94.25 DB	3018.0	94.92 DB	
4018.0	94.38 DB	1019.0	-41.3 MA	2019.0	-39.8 MA	
3019.0	-40.4 MA	4019.0	-41.0 MA	61.0	0.99 MA	
1020.0	28.581 V	2020.0	28.579 V	3020.0	28.570 V	
4020.0	28.569 V	1021.0	28.010 V	2021.0	28.013 V	
3021.0	28.004 V	4021.0	28.004 V	1022.0	504.84 V/MV	
2022.0	502.51 V/MV	3022.0	500.64 V/MV	4022.0	507.45 V/MV	
1023.0	176.19 V/MV	2023.0	198.06 V/MV	3023.0	194.64 V/MV	
4023.0	166.63 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.579 MV	2026.0	1.443 MV	3026.0	1.274 MV	
4026.0	1.181 MV	1027.0	0.883 V	2027.0	0.882 V	
3027.0	0.881 V	4027.0	0.882 V	1028.0	9 MV	
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV	
1029.0	28.341 V	2029.0	28.342 V	3029.0	28.329 V	
4029.0	28.327 V	1030.0	2.85 V	2030.0	2.85 V	
3030.0	2.84 V	4030.0	2.83 V	1031.0	357.14 NS	
2031.0	325.21 NS	3031.0	318.22 NS	4031.0	343.17 NS	
1032.0	17.80 %	2032.0	24.04 %	3032.0	19.35 %	
4032.0	17.80 %	1033.0	0.306 V/US	2033.0	0.297 V/US	
3033.0	0.287 V/US	4033.0	0.287 V/US	1034.0	0.320 V/US	
2034.0	0.312 V/US	3034.0	0.295 V/US	4034.0	0.302 V/US	

DEVICE	26	BIN	1	HEAD	3	03:58 PM	11/09/2004
600.0		300	700.0	25 DGR	800.0		449.4 UA
900.0	1.53 MA	1001.0		-0.668 MV	2001.0		-0.627 MV
3001.0	-0.634 MV	4001.0		-0.760 MV	1002.0		-0.156 MV
2002.0	-0.100 MV	3002.0		-0.069 MV	4002.0		-0.214 MV
1003.0	-0.78 MV	2003.0		-0.71 MV	3003.0		-0.62 MV
4003.0	-0.84 MV	1004.0		-0.68 MV	2004.0		-0.62 MV
3004.0	-0.53 MV	4004.0		-0.76 MV	1005.0		0.58 NA
2005.0	-0.31 NA	3005.0		-0.57 NA	4005.0		0.94 NA
1006.0	0.10 NA	2006.0		-0.26 NA	3006.0		-0.41 NA
4006.0	0.10 NA	1007.0		0.37 NA	2007.0		-0.16 NA
3007.0	-0.41 NA	4007.0		0.49 NA	1008.0		0.28 NA
2008.0	-0.11 NA	3008.0		-0.39 NA	4008.0		0.56 NA
1009.0	-40.58 NA	2009.0		-39.78 NA	3009.0		-40.19 NA
4009.0	-40.40 NA	1010.0		-22.61 NA	2010.0		-22.03 NA
3010.0	-22.26 NA	4010.0		-22.79 NA	1011.0		-27.61 NA
2011.0	-27.14 NA	3011.0		-27.42 NA	4011.0		-27.89 NA
1012.0	-25.36 NA	2012.0		-24.68 NA	3012.0		-25.16 NA
4012.0	-25.30 NA	1013.0		-41.16 NA	2013.0		-39.47 NA
3013.0	-39.63 NA	4013.0		-41.34 NA	1014.0		-22.71 NA
2014.0	-21.77 NA	3014.0		-21.85 NA	4014.0		-22.89 NA
1015.0	-27.98 NA	2015.0		-26.98 NA	3015.0		-27.01 NA
4015.0	-28.38 NA	116.0		-25.63 NA	216.0		-24.57 NA
316.0	-24.77 NA	416.0		-25.86 NA	1017.0		2.45 UV
2017.0	0.94 UV	3017.0		-0.40 UV	4017.0		1.12 UV
1018.0	94.75 DB	2018.0		94.50 DB	3018.0		93.89 DB
4018.0	94.21 DB	1019.0		-40.8 MA	2019.0		-40.5 MA
3019.0	-40.4 MA	4019.0		-39.9 MA	61.0		1.25 MA
1020.0	28.576 V	2020.0		28.567 V	3020.0		28.577 V
4020.0	28.563 V	1021.0		27.984 V	2021.0		27.971 V
3021.0	28.006 V	4021.0		27.975 V	1022.0		216.99 V/MV
2022.0	191.00 V/MV	3022.0		500.64 V/MV	4022.0		191.06 V/MV
1023.0	105.55 V/MV	2023.0		99.73 V/MV	3023.0		165.22 V/MV
4023.0	96.73 V/MV	1024.0		30.29 V/MV	2024.0		30.15 V/MV
3024.0	30.04 V/MV	4024.0		30.45 V/MV	1025.0		30.29 V/MV
2025.0	30.15 V/MV	3025.0		30.04 V/MV	4025.0		30.45 V/MV
1026.0	2.041 MV	2026.0		2.091 MV	3026.0		1.632 MV
4026.0	1.668 MV	1027.0		0.884 V	2027.0		0.883 V
3027.0	0.885 V	4027.0		0.883 V	1028.0		6 MV
2028.0	6 MV	3028.0		8 MV	4028.0		5 MV
1029.0	28.340 V	2029.0		28.333 V	3029.0		28.337 V
4029.0	28.324 V	1030.0		2.85 V	2030.0		2.85 V
3030.0	2.85 V	4030.0		2.84 V	1031.0		344.17 NS
2031.0	343.17 NS	3031.0		371.11 NS	4031.0		353.15 NS
1032.0	15.83 %	2032.0		18.80 %	3032.0		16.25 %
4032.0	16.39 %	1033.0		0.308 V/US	2033.0		0.297 V/US
3033.0	0.282 V/US	4033.0		0.291 V/US	1034.0		0.322 V/US
2034.0	0.314 V/US	3034.0		0.295 V/US	4034.0		0.307 V/US

600.0	300	700.0	25 DGR	800.0	446.8 UA
900.0	2.03 MA	1001.0	-0.699 MV	2001.0	-0.707 MV
3001.0	-0.587 MV	4001.0	-0.229 MV	1002.0	-0.141 MV
2002.0	-0.178 MV	3002.0	-0.054 MV	4002.0	0.288 MV
1003.0	-0.82 MV	2003.0	-0.83 MV	3003.0	-0.70 MV
4003.0	-0.35 MV	1004.0	-0.70 MV	2004.0	-0.75 MV
3004.0	-0.63 MV	4004.0	-0.28 MV	1005.0	-0.31 NA
2005.0	0.32 NA	3005.0	0.58 NA	4005.0	-0.07 NA
1006.0	-0.20 NA	2006.0	-0.10 NA	3006.0	0.20 NA
4006.0	-0.28 NA	1007.0	-0.04 NA	2007.0	0.18 NA
3007.0	0.43 NA	4007.0	-0.17 NA	1008.0	-0.10 NA
2008.0	0.10 NA	3008.0	0.39 NA	4008.0	-0.20 NA
1009.0	-40.13 NA	2009.0	-38.42 NA	3009.0	-38.79 NA
4009.0	-40.15 NA	1010.0	-22.78 NA	2010.0	-21.87 NA
3010.0	-22.16 NA	4010.0	-23.09 NA	1011.0	-27.52 NA
2011.0	-26.55 NA	3011.0	-26.79 NA	4011.0	-28.04 NA
1012.0	-25.23 NA	2012.0	-24.22 NA	3012.0	-24.62 NA
4012.0	-25.67 NA	1013.0	-39.82 NA	2013.0	-38.74 NA
3013.0	-39.37 NA	4013.0	-40.08 NA	1014.0	-22.58 NA
2014.0	-21.77 NA	3014.0	-22.36 NA	4014.0	-22.80 NA
1015.0	-27.48 NA	2015.0	-26.73 NA	3015.0	-27.22 NA
4015.0	-27.87 NA	116.0	-25.12 NA	216.0	-24.33 NA
316.0	-25.00 NA	416.0	-25.47 NA	1017.0	1.44 UV
2017.0	2.53 UV	3017.0	2.31 UV	4017.0	2.13 UV
1018.0	94.00 DB	2018.0	94.47 DB	3018.0	94.40 DB
4018.0	94.67 DB	1019.0	-41.1 MA	2019.0	-40.3 MA
3019.0	-39.9 MA	4019.0	-40.1 MA	61.0	1.47 MA
1020.0	28.571 V	2020.0	28.571 V	3020.0	28.563 V
4020.0	28.560 V	1021.0	27.957 V	2021.0	27.960 V
3021.0	27.953 V	4021.0	27.949 V	1022.0	148.47 V/MV
2022.0	191.62 V/MV	3022.0	176.96 V/MV	4022.0	145.48 V/MV
1023.0	89.85 V/MV	2023.0	101.65 V/MV	3023.0	95.40 V/MV
4023.0	83.64 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.879 MV	2026.0	1.910 MV	3026.0	1.655 MV
4026.0	1.603 MV	1027.0	0.885 V	2027.0	0.886 V
3027.0	0.883 V	4027.0	0.886 V	1028.0	5 MV
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.333 V	2029.0	28.335 V	3029.0	28.326 V
4029.0	28.321 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	303.25 NS
2031.0	338.18 NS	3031.0	361.13 NS	4031.0	369.11 NS
1032.0	21.05 %	2032.0	22.59 %	3032.0	18.62 %
4032.0	18.03 %	1033.0	0.296 V/US	2033.0	0.277 V/US
3033.0	0.268 V/US	4033.0	0.275 V/US	1034.0	0.309 V/US
2034.0	0.299 V/US	3034.0	0.279 V/US	4034.0	0.287 V/US

DEVICE 28 BIN 1 HEAD 3 03:58 PM 11/09/2004

600.0	300	700.0	25 DGR	800.0	437.2 UA
900.0	2.16 MA	1001.0	-1.395 MV	2001.0	-0.887 MV
3001.0	-1.830 MV	4001.0	-0.630 MV	1002.0	-0.948 MV
2002.0	-0.331 MV	3002.0	-1.256 MV	4002.0	-0.074 MV
1003.0	-1.53 MV	2003.0	-1.03 MV	3003.0	-1.92 MV
4003.0	-0.78 MV	1004.0	-1.44 MV	2004.0	-0.94 MV
3004.0	-1.83 MV	4004.0	-0.71 MV	1005.0	0.89 NA
2005.0	-0.49 NA	3005.0	-0.03 NA	4005.0	-0.16 NA
1006.0	0.27 NA	2006.0	-0.21 NA	3006.0	-0.10 NA
4006.0	-0.29 NA	1007.0	0.52 NA	2007.0	-0.17 NA
3007.0	-0.09 NA	4007.0	-0.14 NA	1008.0	0.39 NA
2008.0	-0.09 NA	3008.0	-0.14 NA	4008.0	-0.15 NA
1009.0	-37.61 NA	2009.0	-37.77 NA	3009.0	-36.17 NA
4009.0	-37.29 NA	1010.0	-20.06 NA	2010.0	-20.25 NA
3010.0	-19.27 NA	4010.0	-20.07 NA	1011.0	-25.76 NA
2011.0	-25.68 NA	3011.0	-24.93 NA	4011.0	-25.84 NA
1012.0	-23.43 NA	2012.0	-23.25 NA	3012.0	-22.73 NA
4012.0	-23.37 NA	1013.0	-38.50 NA	2013.0	-37.28 NA
3013.0	-36.14 NA	4013.0	-37.13 NA	1014.0	-20.32 NA
2014.0	-20.04 NA	3014.0	-19.17 NA	4014.0	-19.78 NA
1015.0	-26.28 NA	2015.0	-25.51 NA	3015.0	-24.84 NA
4015.0	-25.70 NA	116.0	-23.82 NA	216.0	-23.16 NA
316.0	-22.59 NA	416.0	-23.21 NA	1017.0	2.08 UV
2017.0	3.03 UV	3017.0	0.24 UV	4017.0	3.44 UV
1018.0	95.94 DB	2018.0	94.04 DB	3018.0	93.77 DB
4018.0	94.04 DB	1019.0	-40.5 MA	2019.0	-40.5 MA
3019.0	-40.2 MA	4019.0	-39.5 MA	61.0	1.46 MA
1020.0	28.575 V	2020.0	28.573 V	3020.0	28.566 V
4020.0	28.565 V	1021.0	27.960 V	2021.0	27.952 V
3021.0	27.940 V	4021.0	27.954 V	1022.0	153.38 V/MV
2022.0	152.63 V/MV	3022.0	144.57 V/MV	4022.0	158.36 V/MV
1023.0	90.18 V/MV	2023.0	90.65 V/MV	3023.0	84.25 V/MV
4023.0	87.75 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.917 MV	2026.0	2.062 MV	3026.0	1.608 MV
4026.0	1.522 MV	1027.0	0.880 V	2027.0	0.880 V
3027.0	0.877 V	4027.0	0.882 V	1028.0	6 MV
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.338 V	2029.0	28.339 V	3029.0	28.327 V
4029.0	28.327 V	1030.0	2.85 V	2030.0	2.86 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	332.19 NS
2031.0	356.14 NS	3031.0	401.04 NS	4031.0	387.07 NS
1032.0	16.07 %	2032.0	19.59 %	3032.0	15.35 %
4032.0	14.79 %	1033.0	0.285 V/US	2033.0	0.279 V/US
3033.0	0.246 V/US	4033.0	0.260 V/US	1034.0	0.304 V/US
2034.0	0.302 V/US	3034.0	0.267 V/US	4034.0	0.277 V/US

DEVICE	29	BIN	1	HEAD 3	03:59 PM	11/09/2004
600.0		300	700.0	25 DGR	800.0	450.3 UA
900.0	2.13 MA	1001.0	-0.465 MV	2001.0	-0.666 MV	
3001.0	-0.447 MV	4001.0	-0.402 MV	1002.0	0.066 MV	
2002.0	-0.129 MV	3002.0	0.081 MV	4002.0	0.166 MV	
1003.0	-0.59 MV	2003.0	-0.79 MV	3003.0	-0.57 MV	
4003.0	-0.53 MV	1004.0	-0.50 MV	2004.0	-0.70 MV	
3004.0	-0.49 MV	4004.0	-0.46 MV	1005.0	0.45 NA	
2005.0	-0.82 NA	3005.0	-0.90 NA	4005.0	0.78 NA	
1006.0	0.18 NA	2006.0	-0.61 NA	3006.0	-0.45 NA	
4006.0	0.15 NA	1007.0	0.21 NA	2007.0	-0.48 NA	
3007.0	-0.65 NA	4007.0	0.34 NA	1008.0	0.19 NA	
2008.0	-0.50 NA	3008.0	-0.46 NA	4008.0	0.48 NA	
1009.0	-39.15 NA	2009.0	-39.08 NA	3009.0	-38.05 NA	
4009.0	-38.65 NA	1010.0	-21.14 NA	2010.0	-21.13 NA	
3010.0	-20.65 NA	4010.0	-21.05 NA	1011.0	-26.63 NA	
2011.0	-26.37 NA	3011.0	-26.13 NA	4011.0	-26.47 NA	
1012.0	-24.25 NA	2012.0	-24.08 NA	3012.0	-23.68 NA	
4012.0	-24.02 NA	1013.0	-39.60 NA	2013.0	-38.26 NA	
3013.0	-37.15 NA	4013.0	-39.42 NA	1014.0	-21.31 NA	
2014.0	-20.52 NA	3014.0	-20.20 NA	4014.0	-21.20 NA	
1015.0	-26.84 NA	2015.0	-25.89 NA	3015.0	-25.47 NA	
4015.0	-26.81 NA	116.0	-24.44 NA	216.0	-23.58 NA	
316.0	-23.22 NA	416.0	-24.50 NA	1017.0	2.21 UV	
2017.0	2.00 UV	3017.0	1.59 UV	4017.0	2.97 UV	
1018.0	94.43 DB	2018.0	94.34 DB	3018.0	94.49 DB	
4018.0	93.86 DB	1019.0	-40.5 MA	2019.0	-40.4 MA	
3019.0	-40.3 MA	4019.0	-39.3 MA	61.0	1.49 MA	
1020.0	28.581 V	2020.0	28.575 V	3020.0	28.565 V	
4020.0	28.566 V	1021.0	27.979 V	2021.0	27.962 V	
3021.0	27.948 V	4021.0	27.965 V	1022.0	170.33 V/MV	
2022.0	153.98 V/MV	3022.0	134.39 V/MV	4022.0	177.98 V/MV	
1023.0	90.83 V/MV	2023.0	90.24 V/MV	3023.0	84.46 V/MV	
4023.0	93.62 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.960 MV	2026.0	1.974 MV	3026.0	1.659 MV	
4026.0	1.709 MV	1027.0	0.880 V	2027.0	0.879 V	
3027.0	0.877 V	4027.0	0.881 V	1028.0	5 MV	
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV	
1029.0	28.344 V	2029.0	28.341 V	3029.0	28.328 V	
4029.0	28.327 V	1030.0	2.86 V	2030.0	2.86 V	
3030.0	2.84 V	4030.0	2.84 V	1031.0	331.19 NS	
2031.0	347.16 NS	3031.0	363.13 NS	4031.0	359.13 NS	
1032.0	15.83 %	2032.0	19.59 %	3032.0	16.50 %	
4032.0	16.07 %	1033.0	0.311 V/US	2033.0	0.289 V/US	
3033.0	0.273 V/US	4033.0	0.281 V/US	1034.0	0.323 V/US	
2034.0	0.309 V/US	3034.0	0.283 V/US	4034.0	0.297 V/US	

DEVICE	30	BIN	1	HEAD 3	03:59 PM	11/09/2004
600.0	300	700.0	25 DGR	800.0	447.6 UA	
900.0	2.23 MA	1001.0	-0.894 MV	2001.0	-0.507 MV	
3001.0	-0.905 MV	4001.0	-0.365 MV	1002.0	-0.362 MV	
2002.0	0.011 MV	3002.0	-0.395 MV	4002.0	0.157 MV	
1003.0	-1.02 MV	2003.0	-0.69 MV	3003.0	-1.02 MV	
4003.0	-0.51 MV	1004.0	-0.91 MV	2004.0	-0.61 MV	
3004.0	-0.95 MV	4004.0	-0.44 MV	1005.0	-0.03 NA	
2005.0	0.26 NA	3005.0	0.67 NA	4005.0	0.01 NA	
1006.0	0.06 NA	2006.0	-0.33 NA	3006.0	0.12 NA	
4006.0	-0.11 NA	1007.0	0.07 NA	2007.0	0.23 NA	
3007.0	0.35 NA	4007.0	0.09 NA	1008.0	-0.11 NA	
2008.0	0.24 NA	3008.0	0.20 NA	4008.0	-0.00 NA	
1009.0	-41.02 NA	2009.0	-39.44 NA	3009.0	-39.72 NA	
4009.0	-41.63 NA	1010.0	-23.16 NA	2010.0	-22.19 NA	
3010.0	-22.59 NA	4010.0	-23.52 NA	1011.0	-28.31 NA	
2011.0	-27.06 NA	3011.0	-27.65 NA	4011.0	-28.84 NA	
1012.0	-25.85 NA	2012.0	-24.83 NA	3012.0	-25.24 NA	
4012.0	-26.43 NA	1013.0	-40.99 NA	2013.0	-39.70 NA	
3013.0	-40.39 NA	4013.0	-41.64 NA	1014.0	-23.22 NA	
2014.0	-21.85 NA	3014.0	-22.71 NA	4014.0	-23.41 NA	
1015.0	-28.37 NA	2015.0	-27.29 NA	3015.0	-28.00 NA	
4015.0	-28.93 NA	116.0	-25.75 NA	216.0	-25.07 NA	
316.0	-25.43 NA	416.0	-26.43 NA	1017.0	1.26 UV	
2017.0	5.12 UV	3017.0	1.88 UV	4017.0	2.45 UV	
1018.0	94.43 DB	2018.0	94.65 DB	3018.0	94.81 DB	
4018.0	94.60 DB	1019.0	-41.4 MA	2019.0	-40.2 MA	
3019.0	-40.3 MA	4019.0	-40.2 MA	61.0	1.53 MA	
1020.0	28.568 V	2020.0	28.569 V	3020.0	28.563 V	
4020.0	28.556 V	1021.0	27.946 V	2021.0	27.949 V	
3021.0	27.945 V	4021.0	27.940 V	1022.0	132.22 V/MV	
2022.0	170.44 V/MV	3022.0	157.59 V/MV	4022.0	128.07 V/MV	
1023.0	83.97 V/MV	2023.0	93.69 V/MV	3023.0	89.41 V/MV	
4023.0	79.19 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	2.034 MV	2026.0	1.917 MV	3026.0	1.621 MV	
4026.0	1.726 MV	1027.0	0.884 V	2027.0	0.886 V	
3027.0	0.882 V	4027.0	0.883 V	1028.0	5 MV	
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV	
1029.0	28.334 V	2029.0	28.334 V	3029.0	28.327 V	
4029.0	28.317 V	1030.0	2.85 V	2030.0	2.85 V	
3030.0	2.84 V	4030.0	2.84 V	1031.0	363.13 NS	
2031.0	376.10 NS	3031.0	394.06 NS	4031.0	388.07 NS	
1032.0	15.35 %	2032.0	18.62 %	3032.0	15.83 %	
4032.0	15.85 %	1033.0	0.290 V/US	2033.0	0.276 V/US	
3033.0	0.263 V/US	4033.0	0.273 V/US	1034.0	0.305 V/US	
2034.0	0.295 V/US	3034.0	0.276 V/US	4034.0	0.285 V/US	

600.0	300	700.0	25 DGR	800.0	450.7 UA
900.0	2.37 MA	1001.0	-0.904 MV	2001.0	-0.636 MV
3001.0	-0.403 MV	4001.0	-0.376 MV	1002.0	-0.399 MV
2002.0	-0.069 MV	3002.0	0.154 MV	4002.0	0.118 MV
1003.0	-1.06 MV	2003.0	-0.75 MV	3003.0	-0.54 MV
4003.0	-0.52 MV	1004.0	-0.95 MV	2004.0	-0.66 MV
3004.0	-0.46 MV	4004.0	-0.44 MV	1005.0	1.18 NA
2005.0	-0.84 NA	3005.0	-0.52 NA	4005.0	0.65 NA
1006.0	0.41 NA	2006.0	-0.48 NA	3006.0	-0.25 NA
4006.0	0.00 NA	1007.0	0.73 NA	2007.0	-0.42 NA
3007.0	-0.41 NA	4007.0	0.30 NA	1008.0	0.81 NA
2008.0	-0.47 NA	3008.0	-0.19 NA	4008.0	0.28 NA
1009.0	-43.43 NA	2009.0	-43.31 NA	3009.0	-43.29 NA
4009.0	-43.79 NA	1010.0	-24.09 NA	2010.0	-23.90 NA
3010.0	-23.86 NA	4010.0	-24.45 NA	1011.0	-29.78 NA
2011.0	-29.55 NA	3011.0	-29.86 NA	4011.0	-30.21 NA
1012.0	-27.21 NA	2012.0	-26.86 NA	3012.0	-27.11 NA
4012.0	-27.48 NA	1013.0	-44.61 NA	2013.0	-42.47 NA
3013.0	-42.76 NA	4013.0	-44.45 NA	1014.0	-24.50 NA
2014.0	-23.41 NA	3014.0	-23.60 NA	4014.0	-24.45 NA
1015.0	-30.51 NA	2015.0	-29.13 NA	3015.0	-29.45 NA
4015.0	-30.51 NA	116.0	-28.02 NA	216.0	-26.39 NA
316.0	-26.91 NA	416.0	-27.76 NA	1017.0	2.76 UV
2017.0	1.26 UV	3017.0	1.63 UV	4017.0	2.89 UV
1018.0	94.87 DB	2018.0	93.87 DB	3018.0	94.03 DB
4018.0	95.08 DB	1019.0	-40.4 MA	2019.0	-40.2 MA
3019.0	-40.0 MA	4019.0	-39.6 MA	61.0	1.54 MA
1020.0	28.574 V	2020.0	28.564 V	3020.0	28.556 V
4020.0	28.560 V	1021.0	27.968 V	2021.0	27.944 V
3021.0	27.939 V	4021.0	27.959 V	1022.0	164.42 V/MV
2022.0	122.23 V/MV	3022.0	116.41 V/MV	4022.0	154.89 V/MV
1023.0	89.80 V/MV	2023.0	79.65 V/MV	3023.0	76.24 V/MV
4023.0	85.61 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.101 MV	2026.0	2.215 MV	3026.0	1.843 MV
4026.0	1.697 MV	1027.0	0.884 V	2027.0	0.885 V
3027.0	0.881 V	4027.0	0.884 V	1028.0	6 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.336 V	2029.0	28.326 V	3029.0	28.317 V
4029.0	28.319 V	1030.0	2.85 V	2030.0	2.84 V
3030.0	2.84 V	4030.0	2.83 V	1031.0	305.25 NS
2031.0	331.19 NS	3031.0	355.14 NS	4031.0	350.15 NS
1032.0	19.35 %	2032.0	20.89 %	3032.0	18.66 %
4032.0	17.36 %	1033.0	0.309 V/US	2033.0	0.297 V/US
3033.0	0.282 V/US	4033.0	0.291 V/US	1034.0	0.328 V/US
2034.0	0.317 V/US	3034.0	0.294 V/US	4034.0	0.304 V/US

DEVICE	24	BIN	1	HEAD	3	03:38 PM	12/09/2004	
600.0	300	700.0	25	DGR	800.0	495.4	UA	
900.0	0.75	MA	1001.0	-0.220	MV	2001.0	-0.231	MV
3001.0	-0.040	MV	4001.0	-0.008	MV	1002.0	0.270	MV
2002.0	0.307	MV	3002.0	0.485	MV	4002.0	0.451	MV
1003.0	-0.24	MV	2003.0	-0.26	MV	3003.0	-0.03	MV
4003.0	-0.01	MV	1004.0	-0.15	MV	2004.0	-0.17	MV
3004.0	0.05	MV	4004.0	0.04	MV	1005.0	0.05	NA
2005.0	0.03	NA	3005.0	-0.16	NA	4005.0	0.08	NA
1006.0	-0.04	NA	2006.0	-0.13	NA	3006.0	-0.11	NA
4006.0	-0.06	NA	1007.0	0.11	NA	2007.0	0.00	NA
3007.0	-0.02	NA	4007.0	-0.09	NA	1008.0	0.03	NA
2008.0	-0.02	NA	3008.0	-0.06	NA	4008.0	-0.05	NA
1009.0	-16.38	NA	2009.0	-15.38	NA	3009.0	-15.99	NA
4009.0	-16.22	NA	1010.0	-8.55	NA	2010.0	-8.24	NA
3010.0	-8.49	NA	4010.0	-8.63	NA	1011.0	-10.59	NA
2011.0	-10.11	NA	3011.0	-10.34	NA	4011.0	-10.84	NA
1012.0	-9.85	NA	2012.0	-9.47	NA	3012.0	-9.72	NA
4012.0	-9.88	NA	1013.0	-16.43	NA	2013.0	-15.41	NA
3013.0	-15.84	NA	4013.0	-16.30	NA	1014.0	-8.51	NA
2014.0	-8.11	NA	3014.0	-8.38	NA	4014.0	-8.57	NA
1015.0	-10.70	NA	2015.0	-10.11	NA	3015.0	-10.32	NA
4015.0	-10.76	NA	116.0	-9.88	NA	216.0	-9.45	NA
316.0	-9.66	NA	416.0	-9.83	NA	1017.0	0.33	UV
2017.0	1.31	UV	3017.0	-0.40	UV	4017.0	0.38	UV
1018.0	95.14	DB	2018.0	94.33	DB	3018.0	94.55	DB
4018.0	95.69	DB	1019.0	-41.2	MA	2019.0	-39.7	MA
3019.0	-40.0	MA	4019.0	-40.8	MA	61.0	0.99	MA
1020.0	28.582	V	2020.0	28.579	V	3020.0	28.571	V
4020.0	28.569	V	1021.0	28.003	V	2021.0	28.004	V
3021.0	27.994	V	4021.0	27.995	V	1022.0	504.84	V/MV
2022.0	502.51	V/MV	3022.0	500.64	V/MV	4022.0	507.45	V/MV
1023.0	172.16	V/MV	2023.0	188.44	V/MV	3023.0	194.79	V/MV
4023.0	174.28	V/MV	1024.0	30.29	V/MV	2024.0	30.15	V/MV
3024.0	30.04	V/MV	4024.0	30.45	V/MV	1025.0	30.29	V/MV
2025.0	30.15	V/MV	3025.0	30.04	V/MV	4025.0	30.45	V/MV
1026.0	1.569	MV	2026.0	1.553	MV	3026.0	1.274	MV
4026.0	1.217	MV	1027.0	0.882	V	2027.0	0.883	V
3027.0	0.882	V	4027.0	0.882	V	1028.0	9	MV
2028.0	9	MV	3028.0	9	MV	4028.0	9	MV
1029.0	28.343	V	2029.0	28.342	V	3029.0	28.330	V
4029.0	28.326	V	1030.0	2.85	V	2030.0	2.85	V
3030.0	2.84	V	4030.0	2.84	V	1031.0	315.23	NS
2031.0	334.19	NS	3031.0	349.15	NS	4031.0	345.16	NS
1032.0	18.30	%	2032.0	22.35	%	3032.0	18.61	%
4032.0	18.85	%	1033.0	0.306	V/US	2033.0	0.302	V/US
3033.0	0.287	V/US	4033.0	0.294	V/US	1034.0	0.321	V/US
2034.0	0.313	V/US	3034.0	0.297	V/US	4034.0	0.304	V/US

DEVICE 25 BIN 1 HEAD 3 03:39 PM 12/09/2004

600.0	300	700.0	25 DGR	800.0	494.3 UA
900.0	0.75 MA	1001.0	-0.105 MV	2001.0	-0.368 MV
3001.0	0.379 MV	4001.0	-0.454 MV	1002.0	0.415 MV
2002.0	0.190 MV	3002.0	0.882 MV	4002.0	0.074 MV
1003.0	-0.10 MV	2003.0	-0.39 MV	3003.0	0.34 MV
4003.0	-0.42 MV	1004.0	-0.02 MV	2004.0	-0.31 MV
3004.0	0.41 MV	4004.0	-0.34 MV	1005.0	-0.22 NA
2005.0	0.14 NA	3005.0	0.21 NA	4005.0	0.09 NA
1006.0	-0.19 NA	2006.0	-0.04 NA	3006.0	0.05 NA
4006.0	-0.03 NA	1007.0	-0.19 NA	2007.0	-0.14 NA
3007.0	0.05 NA	4007.0	0.12 NA	1008.0	-0.16 NA
2008.0	0.09 NA	3008.0	0.08 NA	4008.0	-0.03 NA
1009.0	-16.19 NA	2009.0	-15.27 NA	3009.0	-15.60 NA
4009.0	-16.00 NA	1010.0	-8.49 NA	2010.0	-8.14 NA
3010.0	-8.28 NA	4010.0	-8.54 NA	1011.0	-10.59 NA
2011.0	-10.28 NA	3011.0	-10.21 NA	4011.0	-10.69 NA
1012.0	-9.78 NA	2012.0	-9.33 NA	3012.0	-9.48 NA
4012.0	-9.77 NA	1013.0	-15.97 NA	2013.0	-15.41 NA
3013.0	-15.82 NA	4013.0	-16.09 NA	1014.0	-8.31 NA
2014.0	-8.09 NA	3014.0	-8.33 NA	4014.0	-8.51 NA
1015.0	-10.39 NA	2015.0	-10.14 NA	3015.0	-10.26 NA
4015.0	-10.81 NA	116.0	-9.62 NA	216.0	-9.42 NA
316.0	-9.56 NA	416.0	-9.74 NA	1017.0	-0.71 UV
2017.0	0.84 UV	3017.0	1.50 UV	4017.0	-1.59 UV
1018.0	94.63 DB	2018.0	94.01 DB	3018.0	94.92 DB
4018.0	94.49 DB	1019.0	-41.3 MA	2019.0	-39.7 MA
3019.0	-40.4 MA	4019.0	-41.0 MA	61.0	0.99 MA
1020.0	28.580 V	2020.0	28.577 V	3020.0	28.568 V
4020.0	28.567 V	1021.0	28.007 V	2021.0	28.006 V
3021.0	28.000 V	4021.0	28.001 V	1022.0	504.84 V/MV
2022.0	502.51 V/MV	3022.0	500.64 V/MV	4022.0	507.45 V/MV
1023.0	176.58 V/MV	2023.0	199.18 V/MV	3023.0	196.12 V/MV
4023.0	165.07 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.446 MV	2026.0	1.494 MV	3026.0	1.257 MV
4026.0	1.179 MV	1027.0	0.882 V	2027.0	0.884 V
3027.0	0.881 V	4027.0	0.882 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV
1029.0	28.340 V	2029.0	28.338 V	3029.0	28.328 V
4029.0	28.324 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.83 V	1031.0	292.28 NS
2031.0	313.23 NS	3031.0	337.18 NS	4031.0	326.20 NS
1032.0	19.90 %	2032.0	23.75 %	3032.0	19.03 %
4032.0	18.30 %	1033.0	0.307 V/US	2033.0	0.302 V/US
3033.0	0.290 V/US	4033.0	0.290 V/US	1034.0	0.321 V/US
2034.0	0.316 V/US	3034.0	0.298 V/US	4034.0	0.305 V/US

DEVICE 26 BIN 1 HEAD 3 03:39 PM 12/09/2004

600.0	300	700.0	25 DGR	800.0	444.2 UA
900.0	2.63 MA	1001.0	-0.800 MV	2001.0	-0.761 MV
3001.0	-0.753 MV	4001.0	-0.884 MV	1002.0	-0.272 MV
2002.0	-0.218 MV	3002.0	-0.177 MV	4002.0	-0.325 MV
1003.0	-0.99 MV	2003.0	-0.92 MV	3003.0	-0.85 MV
4003.0	-1.04 MV	1004.0	-0.87 MV	2004.0	-0.83 MV
3004.0	-0.76 MV	4004.0	-0.96 MV	1005.0	0.93 NA
2005.0	-0.42 NA	3005.0	-0.48 NA	4005.0	0.96 NA
1006.0	0.20 NA	2006.0	-0.29 NA	3006.0	-0.11 NA
4006.0	-0.03 NA	1007.0	0.60 NA	2007.0	-0.20 NA
3007.0	-0.35 NA	4007.0	0.52 NA	1008.0	0.42 NA
2008.0	-0.23 NA	3008.0	-0.35 NA	4008.0	0.36 NA
1009.0	-46.52 NA	2009.0	-46.00 NA	3009.0	-46.07 NA
4009.0	-46.57 NA	1010.0	-25.07 NA	2010.0	-24.54 NA
3010.0	-24.57 NA	4010.0	-25.46 NA	1011.0	-31.86 NA
2011.0	-31.64 NA	3011.0	-31.67 NA	4011.0	-32.28 NA
1012.0	-29.04 NA	2012.0	-28.53 NA	3012.0	-28.86 NA
4012.0	-29.27 NA	1013.0	-47.45 NA	2013.0	-45.58 NA
3013.0	-45.59 NA	4013.0	-47.53 NA	1014.0	-25.27 NA
2014.0	-24.26 NA	3014.0	-24.46 NA	4014.0	-25.42 NA
1015.0	-32.46 NA	2015.0	-31.44 NA	3015.0	-31.32 NA
4015.0	-32.80 NA	116.0	-29.46 NA	216.0	-28.29 NA
316.0	-28.51 NA	416.0	-29.63 NA	1017.0	3.30 UV
2017.0	2.05 UV	3017.0	1.09 UV	4017.0	1.96 UV
1018.0	94.48 DB	2018.0	94.24 DB	3018.0	93.75 DB
4018.0	94.00 DB	1019.0	-41.1 MA	2019.0	-40.8 MA
3019.0	-40.7 MA	4019.0	-40.2 MA	61.0	1.62 MA
1020.0	28.554 V	2020.0	28.542 V	3020.0	28.549 V
4020.0	28.540 V	1021.0	27.952 V	2021.0	27.931 V
3021.0	27.956 V	4021.0	27.942 V	1022.0	122.26 V/MV
2022.0	100.19 V/MV	3022.0	152.29 V/MV	4022.0	110.49 V/MV
1023.0	76.38 V/MV	2023.0	68.34 V/MV	3023.0	89.80 V/MV
4023.0	71.71 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.168 MV	2026.0	2.203 MV	3026.0	2.070 MV
4026.0	1.812 MV	1027.0	0.887 V	2027.0	0.886 V
3027.0	0.888 V	4027.0	0.887 V	1028.0	5 MV
2028.0	5 MV	3028.0	6 MV	4028.0	5 MV
1029.0	28.321 V	2029.0	28.310 V	3029.0	28.313 V
4029.0	28.306 V	1030.0	2.84 V	2030.0	2.83 V
3030.0	2.83 V	4030.0	2.82 V	1031.0	283.30 NS
2031.0	322.21 NS	3031.0	359.13 NS	4031.0	356.14 NS
1032.0	20.15 %	2032.0	21.72 %	3032.0	17.05 %
4032.0	17.37 %	1033.0	0.304 V/US	2033.0	0.293 V/US
3033.0	0.277 V/US	4033.0	0.287 V/US	1034.0	0.320 V/US
2034.0	0.312 V/US	3034.0	0.291 V/US	4034.0	0.302 V/US

DEVICE 27 BIN 1 HEAD 3 03:39 PM 12/09/2004

600.0	300	700.0	25 DGR	800.0	442.9 UA
900.0	3.09 MA	1001.0	-0.833 MV	2001.0	-0.873 MV
3001.0	-0.748 MV	4001.0	-0.364 MV	1002.0	-0.281 MV
2002.0	-0.334 MV	3002.0	-0.214 MV	4002.0	0.156 MV
1003.0	-1.05 MV	2003.0	-1.07 MV	3003.0	-0.94 MV
4003.0	-0.58 MV	1004.0	-0.94 MV	2004.0	-0.98 MV
3004.0	-0.87 MV	4004.0	-0.52 MV	1005.0	-0.46 NA
2005.0	0.21 NA	3005.0	0.88 NA	4005.0	-0.62 NA
1006.0	-0.19 NA	2006.0	-0.27 NA	3006.0	0.37 NA
4006.0	-0.39 NA	1007.0	-0.30 NA	2007.0	0.04 NA
3007.0	0.50 NA	4007.0	-0.53 NA	1008.0	-0.36 NA
2008.0	0.00 NA	3008.0	0.35 NA	4008.0	-0.24 NA
1009.0	-46.70 NA	2009.0	-44.98 NA	3009.0	-44.77 NA
4009.0	-46.78 NA	1010.0	-24.75 NA	2010.0	-23.97 NA
3010.0	-23.74 NA	4010.0	-25.07 NA	1011.0	-32.33 NA
2011.0	-31.41 NA	3011.0	-31.34 NA	4011.0	-32.98 NA
1012.0	-29.34 NA	2012.0	-28.26 NA	3012.0	-28.45 NA
4012.0	-29.71 NA	1013.0	-46.24 NA	2013.0	-45.19 NA
3013.0	-45.64 NA	4013.0	-46.16 NA	1014.0	-24.56 NA
2014.0	-23.69 NA	3014.0	-24.11 NA	4014.0	-24.68 NA
1015.0	-32.03 NA	2015.0	-31.45 NA	3015.0	-31.84 NA
4015.0	-32.45 NA	116.0	-28.98 NA	216.0	-28.26 NA
316.0	-28.80 NA	416.0	-29.47 NA	1017.0	2.71 UV
2017.0	3.73 UV	3017.0	3.42 UV	4017.0	3.28 UV
1018.0	94.11 DB	2018.0	94.31 DB	3018.0	94.39 DB
4018.0	94.61 DB	1019.0	-41.5 MA	2019.0	-40.6 MA
3019.0	-40.2 MA	4019.0	-40.5 MA	61.0	1.78 MA
1020.0	28.545 V	2020.0	28.546 V	3020.0	28.539 V
4020.0	28.532 V	1021.0	27.913 V	2021.0	27.918 V
3021.0	27.912 V	4021.0	27.904 V	1022.0	87.20 V/MV
2022.0	108.67 V/MV	3022.0	101.49 V/MV	4022.0	84.40 V/MV
1023.0	63.56 V/MV	2023.0	72.17 V/MV	3023.0	69.34 V/MV
4023.0	60.25 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.070 MV	2026.0	2.072 MV	3026.0	1.757 MV
4026.0	1.685 MV	1027.0	0.887 V	2027.0	0.889 V
3027.0	0.886 V	4027.0	0.887 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.312 V	2029.0	28.312 V	3029.0	28.303 V
4029.0	28.297 V	1030.0	2.84 V	2030.0	2.83 V
3030.0	2.83 V	4030.0	2.82 V	1031.0	306.25 NS
2031.0	321.21 NS	3031.0	368.11 NS	4031.0	364.12 NS
1032.0	20.33 %	2032.0	22.59 %	3032.0	17.05 %
4032.0	16.81 %	1033.0	0.293 V/US	2033.0	0.275 V/US
3033.0	0.261 V/US	4033.0	0.270 V/US	1034.0	0.308 V/US
2034.0	0.297 V/US	3034.0	0.274 V/US	4034.0	0.282 V/US

DEVICE	28	BIN	1	HEAD 3	03:39 PM	12/09/2004
600.0		300	700.0	25 DGR	800.0	436.7 UA
900.0	3.28 MA	1001.0	-1.545 MV	2001.0	-1.064 MV	
3001.0	-1.987 MV	4001.0	-0.782 MV	1002.0	-1.094 MV	
2002.0	-0.504 MV	3002.0	-1.409 MV	4002.0	-0.221 MV	
1003.0	-1.76 MV	2003.0	-1.31 MV	3003.0	-2.18 MV	
4003.0	-1.02 MV	1004.0	-1.67 MV	2004.0	-1.21 MV	
3004.0	-2.10 MV	4004.0	-0.95 MV	1005.0	1.05 NA	
2005.0	-0.55 NA	3005.0	-0.30 NA	4005.0	0.48 NA	
1006.0	0.35 NA	2006.0	-0.21 NA	3006.0	0.17 NA	
4006.0	0.08 NA	1007.0	0.62 NA	2007.0	-0.14 NA	
3007.0	-0.31 NA	4007.0	0.18 NA	1008.0	0.62 NA	
2008.0	-0.16 NA	3008.0	-0.03 NA	4008.0	0.06 NA	
1009.0	-44.61 NA	2009.0	-45.35 NA	3009.0	-42.32 NA	
4009.0	-43.35 NA	1010.0	-21.14 NA	2010.0	-21.51 NA	
3010.0	-19.97 NA	4010.0	-20.82 NA	1011.0	-30.75 NA	
2011.0	-30.81 NA	3011.0	-29.68 NA	4011.0	-30.19 NA	
1012.0	-27.33 NA	2012.0	-27.52 NA	3012.0	-26.27 NA	
4012.0	-27.03 NA	1013.0	-45.65 NA	2013.0	-44.79 NA	
3013.0	-42.02 NA	4013.0	-43.83 NA	1014.0	-21.49 NA	
2014.0	-21.30 NA	3014.0	-20.14 NA	4014.0	-20.89 NA	
1015.0	-31.37 NA	2015.0	-30.67 NA	3015.0	-29.37 NA	
4015.0	-30.37 NA	116.0	-27.95 NA	216.0	-27.36 NA	
316.0	-26.24 NA	416.0	-27.09 NA	1017.0	3.20 UV	
2017.0	4.33 UV	3017.0	1.75 UV	4017.0	4.66 UV	
1018.0	95.85 DB	2018.0	93.99 DB	3018.0	93.70 DB	
4018.0	93.97 DB	1019.0	-40.9 MA	2019.0	-40.8 MA	
3019.0	-40.5 MA	4019.0	-39.8 MA	61.0	1.77 MA	
1020.0	28.549 V	2020.0	28.547 V	3020.0	28.537 V	
4020.0	28.538 V	1021.0	27.919 V	2021.0	27.906 V	
3021.0	27.893 V	4021.0	27.912 V	1022.0	91.31 V/MV	
2022.0	87.21 V/MV	3022.0	80.98 V/MV	4022.0	90.79 V/MV	
1023.0	64.57 V/MV	2023.0	62.28 V/MV	3023.0	58.36 V/MV	
4023.0	62.64 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	2.254 MV	2026.0	2.342 MV	3026.0	1.603 MV	
4026.0	1.652 MV	1027.0	0.883 V	2027.0	0.884 V	
3027.0	0.881 V	4027.0	0.885 V	1028.0	5 MV	
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV	
1029.0	28.315 V	2029.0	28.313 V	3029.0	28.302 V	
4029.0	28.303 V	1030.0	2.84 V	2030.0	2.84 V	
3030.0	2.83 V	4030.0	2.83 V	1031.0	246.37 NS	
2031.0	343.17 NS	3031.0	381.09 NS	4031.0	373.10 NS	
1032.0	21.72 %	2032.0	20.15 %	3032.0	16.09 %	
4032.0	14.05 %	1033.0	0.287 V/US	2033.0	0.282 V/US	
3033.0	0.242 V/US	4033.0	0.256 V/US	1034.0	0.308 V/US	
2034.0	0.307 V/US	3034.0	0.265 V/US	4034.0	0.274 V/US	

600.0	300	700.0	25 DGR	800.0	447.3 UA
900.0	2.38 MA	1001.0	-0.563 MV	2001.0	-0.802 MV
3001.0	-0.693 MV	4001.0	-0.474 MV	1002.0	-0.033 MV
2002.0	-0.263 MV	3002.0	-0.161 MV	4002.0	0.096 MV
1003.0	-0.76 MV	2003.0	-0.95 MV	3003.0	-0.75 MV
4003.0	-0.69 MV	1004.0	-0.67 MV	2004.0	-0.87 MV
3004.0	-0.66 MV	4004.0	-0.61 MV	1005.0	0.83 NA
2005.0	-1.05 NA	3005.0	-1.04 NA	4005.0	1.05 NA
1006.0	0.08 NA	2006.0	-0.54 NA	3006.0	-0.41 NA
4006.0	0.27 NA	1007.0	0.49 NA	2007.0	-0.50 NA
3007.0	-0.67 NA	4007.0	0.73 NA	1008.0	0.40 NA
2008.0	-0.64 NA	3008.0	-0.51 NA	4008.0	0.72 NA
1009.0	-43.77 NA	2009.0	-43.97 NA	3009.0	-42.78 NA
4009.0	-42.76 NA	1010.0	-22.88 NA	2010.0	-22.91 NA
3010.0	-22.30 NA	4010.0	-22.61 NA	1011.0	-29.91 NA
2011.0	-29.84 NA	3011.0	-29.32 NA	4011.0	-29.45 NA
1012.0	-27.08 NA	2012.0	-27.00 NA	3012.0	-26.61 NA
4012.0	-26.57 NA	1013.0	-44.60 NA	2013.0	-42.92 NA
3013.0	-41.74 NA	4013.0	-43.81 NA	1014.0	-22.97 NA
2014.0	-22.37 NA	3014.0	-21.89 NA	4014.0	-22.88 NA
1015.0	-30.41 NA	2015.0	-29.35 NA	3015.0	-28.66 NA
4015.0	-30.17 NA	116.0	-27.48 NA	216.0	-26.35 NA
316.0	-26.10 NA	416.0	-27.29 NA	1017.0	3.01 UV
2017.0	2.51 UV	3017.0	1.75 UV	4017.0	3.92 UV
1018.0	94.45 DB	2018.0	94.30 DB	3018.0	94.43 DB
4018.0	93.83 DB	1019.0	-40.8 MA	2019.0	-40.8 MA
3019.0	-40.6 MA	4019.0	-39.7 MA	61.0	1.55 MA
1020.0	28.561 V	2020.0	28.554 V	3020.0	28.571 V
4020.0	28.545 V	1021.0	27.956 V	2021.0	27.943 V
3021.0	27.992 V	4021.0	27.941 V	1022.0	108.75 V/MV
2022.0	112.50 V/MV	3022.0	473.51 V/MV	4022.0	101.89 V/MV
1023.0	71.46 V/MV	2023.0	71.90 V/MV	3023.0	142.40 V/MV
4023.0	68.81 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.062 MV	2026.0	2.168 MV	3026.0	1.659 MV
4026.0	1.687 MV	1027.0	0.882 V	2027.0	0.881 V
3027.0	0.882 V	4027.0	0.884 V	1028.0	5 MV
2028.0	5 MV	3028.0	6 MV	4028.0	5 MV
1029.0	28.327 V	2029.0	28.322 V	3029.0	28.334 V
4029.0	28.307 V	1030.0	2.85 V	2030.0	2.84 V
3030.0	2.84 V	4030.0	2.83 V	1031.0	269.32 NS
2031.0	321.21 NS	3031.0	340.17 NS	4031.0	341.17 NS
1032.0	19.35 %	2032.0	20.65 %	3032.0	18.53 %
4032.0	16.50 %	1033.0	0.306 V/US	2033.0	0.290 V/US
3033.0	0.272 V/US	4033.0	0.282 V/US	1034.0	0.319 V/US
2034.0	0.312 V/US	3034.0	0.284 V/US	4034.0	0.298 V/US

DEVICE 30 BIN 1 HEAD 3 03:40 PM 12/09/2004

600.0	300	700.0	25 DGR	800.0	443.8 UA
900.0	2.96 MA	1001.0	-0.994 MV	2001.0	-0.620 MV
3001.0	-1.013 MV	4001.0	-0.468 MV	1002.0	-0.466 MV
2002.0	-0.104 MV	3002.0	-0.499 MV	4002.0	0.051 MV
1003.0	-1.20 MV	2003.0	-0.86 MV	3003.0	-1.19 MV
4003.0	-0.68 MV	1004.0	-1.08 MV	2004.0	-0.77 MV
3004.0	-1.11 MV	4004.0	-0.62 MV	1005.0	-0.45 NA
2005.0	0.15 NA	3005.0	0.83 NA	4005.0	-0.03 NA
1006.0	-0.20 NA	2006.0	-0.08 NA	3006.0	0.20 NA
4006.0	-0.10 NA	1007.0	-0.24 NA	2007.0	0.19 NA
3007.0	0.52 NA	4007.0	0.04 NA	1008.0	-0.37 NA
2008.0	0.16 NA	3008.0	0.31 NA	4008.0	0.04 NA
1009.0	-46.61 NA	2009.0	-44.85 NA	3009.0	-44.61 NA
4009.0	-46.73 NA	1010.0	-25.03 NA	2010.0	-23.83 NA
3010.0	-23.95 NA	4010.0	-25.03 NA	1011.0	-32.34 NA
2011.0	-31.03 NA	3011.0	-31.21 NA	4011.0	-32.69 NA
1012.0	-29.27 NA	2012.0	-28.10 NA	3012.0	-28.30 NA
4012.0	-29.70 NA	1013.0	-46.16 NA	2013.0	-45.01 NA
3013.0	-45.44 NA	4013.0	-46.70 NA	1014.0	-24.83 NA
2014.0	-23.75 NA	3014.0	-24.15 NA	4014.0	-24.93 NA
1015.0	-32.09 NA	2015.0	-31.23 NA	3015.0	-31.72 NA
4015.0	-32.72 NA	116.0	-28.90 NA	216.0	-28.25 NA
316.0	-28.61 NA	416.0	-29.74 NA	1017.0	2.22 UV
2017.0	5.86 UV	3017.0	2.70 UV	4017.0	3.33 UV
1018.0	94.49 DB	2018.0	94.69 DB	3018.0	94.72 DB
4018.0	94.64 DB	1019.0	-41.8 MA	2019.0	-40.6 MA
3019.0	-40.7 MA	4019.0	-40.6 MA	61.0	1.74 MA
1020.0	28.548 V	2020.0	28.550 V	3020.0	28.543 V
4020.0	28.535 V	1021.0	27.920 V	2021.0	27.926 V
3021.0	27.923 V	4021.0	27.911 V	1022.0	90.87 V/MV
2022.0	116.33 V/MV	3022.0	108.61 V/MV	4022.0	88.43 V/MV
1023.0	65.00 V/MV	2023.0	74.29 V/MV	3023.0	71.90 V/MV
4023.0	62.34 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.070 MV	2026.0	2.051 MV	3026.0	1.690 MV
4026.0	1.709 MV	1027.0	0.886 V	2027.0	0.888 V
3027.0	0.885 V	4027.0	0.886 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.315 V	2029.0	28.315 V	3029.0	28.310 V
4029.0	28.301 V	1030.0	2.84 V	2030.0	2.84 V
3030.0	2.83 V	4030.0	2.82 V	1031.0	323.21 NS
2031.0	303.25 NS	3031.0	387.07 NS	4031.0	347.16 NS
1032.0	18.66 %	2032.0	23.01 %	3032.0	15.67 %
4032.0	16.63 %	1033.0	0.290 V/US	2033.0	0.277 V/US
3033.0	0.262 V/US	4033.0	0.272 V/US	1034.0	0.307 V/US
2034.0	0.298 V/US	3034.0	0.276 V/US	4034.0	0.285 V/US

DEVICE	31	BIN	1	HEAD 3	03:40 PM	12/09/2004
600.0	300	700.0	25 DGR	800.0	446.3 UA	
900.0	3.14 MA	1001.0	-1.070 MV	2001.0	-0.744 MV	
3001.0	-0.528 MV	4001.0	-0.489 MV	1002.0	-0.545 MV	
2002.0	-0.173 MV	3002.0	0.032 MV	4002.0	0.013 MV	
1003.0	-1.27 MV	2003.0	-0.93 MV	3003.0	-0.74 MV	
4003.0	-0.70 MV	1004.0	-1.15 MV	2004.0	-0.84 MV	
3004.0	-0.66 MV	4004.0	-0.62 MV	1005.0	1.29 NA	
2005.0	-0.92 NA	3005.0	-1.01 NA	4005.0	0.82 NA	
1006.0	0.52 NA	2006.0	-0.52 NA	3006.0	-0.18 NA	
4006.0	0.16 NA	1007.0	1.07 NA	2007.0	-0.73 NA	
3007.0	-0.55 NA	4007.0	0.52 NA	1008.0	0.79 NA	
2008.0	-0.57 NA	3008.0	-0.38 NA	4008.0	0.33 NA	
1009.0	-49.31 NA	2009.0	-49.26 NA	3009.0	-49.23 NA	
4009.0	-49.60 NA	1010.0	-25.65 NA	2010.0	-25.23 NA	
3010.0	-25.57 NA	4010.0	-25.99 NA	1011.0	-33.89 NA	
2011.0	-33.84 NA	3011.0	-34.08 NA	4011.0	-34.32 NA	
1012.0	-30.51 NA	2012.0	-30.41 NA	3012.0	-30.65 NA	
4012.0	-31.08 NA	1013.0	-50.60 NA	2013.0	-48.34 NA	
3013.0	-48.22 NA	4013.0	-50.42 NA	1014.0	-26.18 NA	
2014.0	-24.71 NA	3014.0	-25.39 NA	4014.0	-26.15 NA	
1015.0	-34.96 NA	2015.0	-33.11 NA	3015.0	-33.54 NA	
4015.0	-34.84 NA	116.0	-31.29 NA	216.0	-29.84 NA	
316.0	-30.27 NA	416.0	-31.41 NA	1017.0	3.58 UV	
2017.0	1.95 UV	3017.0	2.41 UV	4017.0	3.75 UV	
1018.0	94.53 DB	2018.0	93.81 DB	3018.0	93.99 DB	
4018.0	94.92 DB	1019.0	-40.7 MA	2019.0	-40.5 MA	
3019.0	-40.3 MA	4019.0	-39.9 MA	61.0	1.75 MA	
1020.0	28.554 V	2020.0	28.543 V	3020.0	28.534 V	
4020.0	28.541 V	1021.0	27.943 V	2021.0	27.915 V	
3021.0	27.906 V	4021.0	27.932 V	1022.0	109.47 V/MV	
2022.0	83.00 V/MV	3022.0	80.28 V/MV	4022.0	104.87 V/MV	
1023.0	71.48 V/MV	2023.0	61.43 V/MV	3023.0	59.04 V/MV	
4023.0	67.69 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	2.309 MV	2026.0	2.340 MV	3026.0	1.764 MV	
4026.0	1.914 MV	1027.0	0.888 V	2027.0	0.887 V	
3027.0	0.885 V	4027.0	0.887 V	1028.0	5 MV	
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV	
1029.0	28.319 V	2029.0	28.308 V	3029.0	28.297 V	
4029.0	28.303 V	1030.0	2.84 V	2030.0	2.83 V	
3030.0	2.82 V	4030.0	2.83 V	1031.0	236.40 NS	
2031.0	326.20 NS	3031.0	342.17 NS	4031.0	339.18 NS	
1032.0	22.35 %	2032.0	20.98 %	3032.0	17.55 %	
4032.0	17.13 %	1033.0	0.305 V/US	2033.0	0.297 V/US	
3033.0	0.279 V/US	4033.0	0.291 V/US	1034.0	0.325 V/US	
2034.0	0.317 V/US	3034.0	0.292 V/US	4034.0	0.303 V/US	

RM124AJRQMLV

9B5571G019

WFR RUN# JM04BX11 WFR#5

100k

DEVICE 24 BIN 1 HEAD 3 03:20 PM 01/04/2005

600.0	300	700.0	25 DGR	800.0	492.3 UA
900.0	0.75 MA	1001.0	-0.217 MV	2001.0	-0.228 MV
3001.0	-0.041 MV	4001.0	-0.005 MV	1002.0	0.271 MV
2002.0	0.303 MV	3002.0	0.482 MV	4002.0	0.446 MV
1003.0	-0.23 MV	2003.0	-0.26 MV	3003.0	-0.03 MV
4003.0	-0.02 MV	1004.0	-0.15 MV	2004.0	-0.18 MV
3004.0	0.05 MV	4004.0	0.04 MV	1005.0	0.43 NA
2005.0	-0.31 NA	3005.0	0.18 NA	4005.0	-0.24 NA
1006.0	-0.08 NA	2006.0	-0.15 NA	3006.0	-0.08 NA
4006.0	-0.06 NA	1007.0	0.00 NA	2007.0	0.09 NA
3007.0	-0.12 NA	4007.0	0.04 NA	1008.0	0.06 NA
2008.0	-0.04 NA	3008.0	-0.10 NA	4008.0	-0.02 NA
1009.0	-16.16 NA	2009.0	-15.59 NA	3009.0	-15.76 NA
4009.0	-16.30 NA	1010.0	-8.56 NA	2010.0	-8.27 NA
3010.0	-8.47 NA	4010.0	-8.60 NA	1011.0	-10.67 NA
2011.0	-10.01 NA	3011.0	-10.52 NA	4011.0	-10.76 NA
1012.0	-9.83 NA	2012.0	-9.46 NA	3012.0	-9.73 NA
4012.0	-9.85 NA	1013.0	-16.58 NA	2013.0	-15.29 NA
3013.0	-15.94 NA	4013.0	-16.07 NA	1014.0	-8.48 NA
2014.0	-8.12 NA	3014.0	-8.39 NA	4014.0	-8.54 NA
1015.0	-10.67 NA	2015.0	-10.10 NA	3015.0	-10.41 NA
4015.0	-10.81 NA	116.0	-9.89 NA	216.0	-9.41 NA
316.0	-9.63 NA	416.0	-9.84 NA	1017.0	0.28 UV
2017.0	1.28 UV	3017.0	-0.44 UV	4017.0	0.38 UV
1018.0	95.18 DB	2018.0	94.44 DB	3018.0	94.57 DB
4018.0	95.86 DB	1019.0	-41.2 MA	2019.0	-39.8 MA
3019.0	-40.1 MA	4019.0	-40.9 MA	61.0	0.99 MA
1020.0	28.580 V	2020.0	28.578 V	3020.0	28.569 V
4020.0	28.567 V	1021.0	28.001 V	2021.0	28.004 V
3021.0	27.994 V	4021.0	27.993 V	1022.0	504.84 V/MV
2022.0	502.51 V/MV	3022.0	500.64 V/MV	4022.0	507.45 V/MV
1023.0	175.90 V/MV	2023.0	189.13 V/MV	3023.0	193.33 V/MV
4023.0	171.46 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	1.559 MV	2026.0	1.557 MV	3026.0	1.135 MV
4026.0	1.252 MV	1027.0	0.883 V	2027.0	0.883 V
3027.0	0.882 V	4027.0	0.883 V	1028.0	9 MV
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV
1029.0	28.340 V	2029.0	28.342 V	3029.0	28.328 V
4029.0	28.326 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	322.85 NS
2031.0	337.81 NS	3031.0	356.76 NS	4031.0	354.77 NS
1032.0	18.35 %	2032.0	21.48 %	3032.0	17.13 %
4032.0	16.07 %	1033.0	0.305 V/US	2033.0	0.302 V/US
3033.0	0.287 V/US	4033.0	0.294 V/US	1034.0	0.321 V/US
2034.0	0.314 V/US	3034.0	0.298 V/US	4034.0	0.305 V/US

DEVICE	25	BIN	1	HEAD 3	03:20 PM	01/04/2005
600.0	300	700.0	25 DGR	800.0	494.5 UA	
900.0	0.75 MA	1001.0	-0.104 MV	2001.0	-0.367 MV	
3001.0	0.382 MV	4001.0	-0.450 MV	1002.0	0.428 MV	
2002.0	0.185 MV	3002.0	0.884 MV	4002.0	0.087 MV	
1003.0	-0.10 MV	2003.0	-0.39 MV	3003.0	0.34 MV	
4003.0	-0.41 MV	1004.0	-0.01 MV	2004.0	-0.31 MV	
3004.0	0.42 MV	4004.0	-0.33 MV	1005.0	-0.26 NA	
2005.0	0.21 NA	3005.0	0.19 NA	4005.0	-0.13 NA	
1006.0	-0.25 NA	2006.0	0.00 NA	3006.0	0.03 NA	
4006.0	-0.09 NA	1007.0	-0.16 NA	2007.0	-0.21 NA	
3007.0	0.00 NA	4007.0	0.09 NA	1008.0	-0.19 NA	
2008.0	0.08 NA	3008.0	0.08 NA	4008.0	-0.02 NA	
1009.0	-16.25 NA	2009.0	-15.25 NA	3009.0	-15.55 NA	
4009.0	-16.31 NA	1010.0	-8.53 NA	2010.0	-8.14 NA	
3010.0	-8.29 NA	4010.0	-8.57 NA	1011.0	-10.67 NA	
2011.0	-10.26 NA	3011.0	-10.32 NA	4011.0	-10.60 NA	
1012.0	-9.78 NA	2012.0	-9.33 NA	3012.0	-9.50 NA	
4012.0	-9.77 NA	1013.0	-15.99 NA	2013.0	-15.46 NA	
3013.0	-15.74 NA	4013.0	-16.18 NA	1014.0	-8.29 NA	
2014.0	-8.14 NA	3014.0	-8.32 NA	4014.0	-8.48 NA	
1015.0	-10.52 NA	2015.0	-10.05 NA	3015.0	-10.32 NA	
4015.0	-10.69 NA	116.0	-9.60 NA	216.0	-9.42 NA	
316.0	-9.58 NA	416.0	-9.75 NA	1017.0	-0.75 UV	
2017.0	0.81 UV	3017.0	1.39 UV	4017.0	-1.60 UV	
1018.0	94.41 DB	2018.0	94.10 DB	3018.0	94.92 DB	
4018.0	94.35 DB	1019.0	-41.3 MA	2019.0	-39.7 MA	
3019.0	-40.3 MA	4019.0	-40.9 MA	61.0	0.99 MA	
1020.0	28.581 V	2020.0	28.578 V	3020.0	28.570 V	
4020.0	28.568 V	1021.0	28.002 V	2021.0	28.005 V	
3021.0	27.997 V	4021.0	27.997 V	1022.0	504.84 V/MV	
2022.0	502.51 V/MV	3022.0	500.64 V/MV	4022.0	507.45 V/MV	
1023.0	181.79 V/MV	2023.0	198.87 V/MV	3023.0	195.92 V/MV	
4023.0	164.72 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV	
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV	
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV	
1026.0	1.557 MV	2026.0	1.498 MV	3026.0	1.216 MV	
4026.0	1.154 MV	1027.0	0.882 V	2027.0	0.882 V	
3027.0	0.881 V	4027.0	0.881 V	1028.0	9 MV	
2028.0	9 MV	3028.0	9 MV	4028.0	9 MV	
1029.0	28.341 V	2029.0	28.340 V	3029.0	28.328 V	
4029.0	28.328 V	1030.0	2.85 V	2030.0	2.85 V	
3030.0	2.84 V	4030.0	2.83 V	1031.0	318.86 NS	
2031.0	327.84 NS	3031.0	349.78 NS	4031.0	344.79 NS	
1032.0	17.55 %	2032.0	22.03 %	3032.0	18.30 %	
4032.0	18.37 %	1033.0	0.308 V/US	2033.0	0.302 V/US	
3033.0	0.290 V/US	4033.0	0.291 V/US	1034.0	0.322 V/US	
2034.0	0.317 V/US	3034.0	0.298 V/US	4034.0	0.306 V/US	

600.0	300	700.0	25 DGR	800.0	445.9 UA
900.0	3.13 MA	1001.0	-0.951 MV	2001.0	-0.907 MV
3001.0	-0.857 MV	4001.0	-1.021 MV	1002.0	-0.418 MV
2002.0	-0.353 MV	3002.0	-0.269 MV	4002.0	-0.456 MV
1003.0	-1.20 MV	2003.0	-1.13 MV	3003.0	-1.03 MV
4003.0	-1.22 MV	1004.0	-1.08 MV	2004.0	-1.03 MV
3004.0	-0.94 MV	4004.0	-1.14 MV	1005.0	1.62 NA
2005.0	-0.08 NA	3005.0	-0.62 NA	4005.0	1.54 NA
1006.0	0.71 NA	2006.0	0.34 NA	3006.0	0.12 NA
4006.0	0.54 NA	1007.0	1.06 NA	2007.0	-0.08 NA
3007.0	-0.33 NA	4007.0	0.91 NA	1008.0	0.90 NA
2008.0	0.02 NA	3008.0	-0.28 NA	4008.0	0.78 NA
1009.0	-53.50 NA	2009.0	-53.81 NA	3009.0	-52.89 NA
4009.0	-53.54 NA	1010.0	-24.40 NA	2010.0	-23.99 NA
3010.0	-24.13 NA	4010.0	-25.30 NA	1011.0	-36.98 NA
2011.0	-36.62 NA	3011.0	-36.83 NA	4011.0	-36.95 NA
1012.0	-32.66 NA	2012.0	-32.19 NA	3012.0	-32.61 NA
4012.0	-32.83 NA	1013.0	-55.12 NA	2013.0	-53.73 NA
3013.0	-52.27 NA	4013.0	-55.08 NA	1014.0	-25.11 NA
2014.0	-24.33 NA	3014.0	-24.25 NA	4014.0	-25.84 NA
1015.0	-38.04 NA	2015.0	-36.54 NA	3015.0	-36.50 NA
4015.0	-37.86 NA	116.0	-33.56 NA	216.0	-32.21 NA
316.0	-32.33 NA	416.0	-33.61 NA	1017.0	4.16 UV
2017.0	2.92 UV	3017.0	1.95 UV	4017.0	2.69 UV
1018.0	94.40 DB	2018.0	94.07 DB	3018.0	93.56 DB
4018.0	93.90 DB	1019.0	-40.5 MA	2019.0	-40.2 MA
3019.0	-40.1 MA	4019.0	-39.6 MA	61.0	1.75 MA
1020.0	28.561 V	2020.0	28.549 V	3020.0	28.549 V
4020.0	28.548 V	1021.0	27.921 V	2021.0	27.894 V
3021.0	27.906 V	4021.0	27.910 V	1022.0	92.96 V/MV
2022.0	74.87 V/MV	3022.0	87.53 V/MV	4022.0	87.96 V/MV
1023.0	63.53 V/MV	2023.0	55.20 V/MV	3023.0	62.37 V/MV
4023.0	60.94 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.699 MV	2026.0	2.592 MV	3026.0	2.334 MV
4026.0	2.064 MV	1027.0	0.886 V	2027.0	0.885 V
3027.0	0.886 V	4027.0	0.884 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.325 V	2029.0	28.313 V	3029.0	28.311 V
4029.0	28.312 V	1030.0	2.85 V	2030.0	2.84 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	317.86 NS
2031.0	327.84 NS	3031.0	365.74 NS	4031.0	347.78 NS
1032.0	18.10 %	2032.0	20.73 %	3032.0	16.81 %
4032.0	17.37 %	1033.0	0.308 V/US	2033.0	0.294 V/US
3033.0	0.275 V/US	4033.0	0.287 V/US	1034.0	0.327 V/US
2034.0	0.316 V/US	3034.0	0.291 V/US	4034.0	0.304 V/US

DEVICE 27 BIN 1 HEAD 3 03:21 PM 01/04/2005

600.0	300	700.0	25 DGR	800.0	446.0 UA
900.0	3.63 MA	1001.0	-0.967 MV	2001.0	-1.016 MV
3001.0	-0.901 MV	4001.0	-0.489 MV	1002.0	-0.403 MV
2002.0	-0.473 MV	3002.0	-0.364 MV	4002.0	0.022 MV
1003.0	-1.24 MV	2003.0	-1.27 MV	3003.0	-1.17 MV
4003.0	-0.79 MV	1004.0	-1.13 MV	2004.0	-1.18 MV
3004.0	-1.08 MV	4004.0	-0.71 MV	1005.0	-0.49 NA
2005.0	0.48 NA	3005.0	0.90 NA	4005.0	-0.62 NA
1006.0	0.56 NA	2006.0	-0.27 NA	3006.0	0.23 NA
4006.0	0.44 NA	1007.0	-0.50 NA	2007.0	0.23 NA
3007.0	0.46 NA	4007.0	-0.55 NA	1008.0	-0.13 NA
2008.0	0.00 NA	3008.0	0.55 NA	4008.0	-0.31 NA
1009.0	-54.13 NA	2009.0	-52.36 NA	3009.0	-51.13 NA
4009.0	-53.21 NA	1010.0	-21.66 NA	2010.0	-21.13 NA
3010.0	-20.74 NA	4010.0	-21.79 NA	1011.0	-37.55 NA
2011.0	-36.14 NA	3011.0	-36.08 NA	4011.0	-37.46 NA
1012.0	-32.76 NA	2012.0	-31.44 NA	3012.0	-31.59 NA
4012.0	-32.59 NA	1013.0	-53.64 NA	2013.0	-52.84 NA
3013.0	-52.04 NA	4013.0	-52.59 NA	1014.0	-22.21 NA
2014.0	-20.86 NA	3014.0	-20.96 NA	4014.0	-22.23 NA
1015.0	-37.05 NA	2015.0	-36.37 NA	3015.0	-36.54 NA
4015.0	-36.91 NA	116.0	-32.62 NA	216.0	-31.44 NA
316.0	-32.15 NA	416.0	-32.28 NA	1017.0	3.50 UV
2017.0	5.03 UV	3017.0	4.68 UV	4017.0	4.39 UV
1018.0	93.91 DB	2018.0	94.25 DB	3018.0	94.35 DB
4018.0	94.78 DB	1019.0	-41.0 MA	2019.0	-40.2 MA
3019.0	-39.7 MA	4019.0	-40.0 MA	61.0	1.94 MA
1020.0	28.547 V	2020.0	28.549 V	3020.0	28.543 V
4020.0	28.535 V	1021.0	27.876 V	2021.0	27.876 V
3021.0	27.875 V	4021.0	27.865 V	1022.0	69.36 V/MV
2022.0	84.98 V/MV	3022.0	79.63 V/MV	4022.0	66.48 V/MV
1023.0	53.31 V/MV	2023.0	61.21 V/MV	3023.0	58.83 V/MV
4023.0	50.39 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.258 MV	2026.0	2.293 MV	3026.0	1.844 MV
4026.0	1.806 MV	1027.0	0.885 V	2027.0	0.890 V
3027.0	0.885 V	4027.0	0.885 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.311 V	2029.0	28.308 V	3029.0	28.303 V
4029.0	28.296 V	1030.0	2.84 V	2030.0	2.84 V
3030.0	2.83 V	4030.0	2.83 V	1031.0	315.87 NS
2031.0	331.83 NS	3031.0	375.71 NS	4031.0	367.73 NS
1032.0	17.13 %	2032.0	20.01 %	3032.0	16.81 %
4032.0	16.07 %	1033.0	0.301 V/US	2033.0	0.280 V/US
3033.0	0.261 V/US	4033.0	0.270 V/US	1034.0	0.317 V/US
2034.0	0.304 V/US	3034.0	0.275 V/US	4034.0	0.283 V/US

DEVICE	28	BIN	1	HEAD	3	03:21 PM	01/04/2005
600.0	300	700.0	25	DGR	800.0	444.6	UA
900.0	3.79 MA	1001.0	-1.695	MV	2001.0	-1.212	MV
3001.0	-2.161 MV	4001.0	-0.913	MV	1002.0	-1.242	MV
2002.0	-0.637 MV	3002.0	-1.593	MV	4002.0	-0.350	MV
1003.0	-1.97 MV	2003.0	-1.51	MV	3003.0	-2.42	MV
4003.0	-1.22 MV	1004.0	-1.88	MV	2004.0	-1.43	MV
3004.0	-2.34 MV	4004.0	-1.14	MV	1005.0	1.53	NA
2005.0	-0.98 NA	3005.0	-0.57	NA	4005.0	0.59	NA
1006.0	0.73 NA	2006.0	0.35	NA	3006.0	0.19	NA
4006.0	0.66 NA	1007.0	0.88	NA	2007.0	-0.40	NA
3007.0	-0.61 NA	4007.0	0.70	NA	1008.0	0.82	NA
2008.0	-0.47 NA	3008.0	-0.15	NA	4008.0	0.03	NA
1009.0	-52.06 NA	2009.0	-54.15	NA	3009.0	-48.35	NA
4009.0	-50.01 NA	1010.0	-16.91	NA	2010.0	-17.20	NA
3010.0	-15.28 NA	4010.0	-16.58	NA	1011.0	-35.95	NA
2011.0	-36.27 NA	3011.0	-34.17	NA	4011.0	-34.21	NA
1012.0	-30.46 NA	2012.0	-31.02	NA	3012.0	-28.82	NA
4012.0	-29.75 NA	1013.0	-53.59	NA	2013.0	-53.17	NA
3013.0	-47.77 NA	4013.0	-50.60	NA	1014.0	-17.64	NA
2014.0	-17.55 NA	3014.0	-15.47	NA	4014.0	-17.24	NA
1015.0	-36.83 NA	2015.0	-35.87	NA	3015.0	-33.56	NA
4015.0	-34.91 NA	116.0	-31.28	NA	216.0	-30.55	NA
316.0	-28.67 NA	416.0	-29.78	NA	1017.0	4.20	UV
2017.0	5.57 UV	3017.0	3.11	UV	4017.0	5.59	UV
1018.0	95.83 DB	2018.0	93.75	DB	3018.0	93.86	DB
4018.0	93.92 DB	1019.0	-40.6	MA	2019.0	-40.6	MA
3019.0	-40.2 MA	4019.0	-39.5	MA	61.0	1.91	MA
1020.0	28.549 V	2020.0	28.548	V	3020.0	28.538	V
4020.0	28.540 V	1021.0	27.892	V	2021.0	27.880	V
3021.0	27.860 V	4021.0	27.884	V	1022.0	74.31	V/MV
2022.0	69.39 V/MV	3022.0	65.78	V/MV	4022.0	73.47	V/MV
1023.0	55.28 V/MV	2023.0	52.99	V/MV	3023.0	50.38	V/MV
4023.0	54.10 V/MV	1024.0	30.29	V/MV	2024.0	30.15	V/MV
3024.0	30.04 V/MV	4024.0	30.45	V/MV	1025.0	30.29	V/MV
2025.0	30.15 V/MV	3025.0	30.04	V/MV	4025.0	30.45	V/MV
1026.0	2.427 MV	2026.0	2.553	MV	3026.0	1.873	MV
4026.0	1.892 MV	1027.0	0.882	V	2027.0	0.881	V
3027.0	0.880 V	4027.0	0.884	V	1028.0	5	MV
2028.0	5 MV	3028.0	5	MV	4028.0	5	MV
1029.0	28.314 V	2029.0	28.313	V	3029.0	28.299	V
4029.0	28.303 V	1030.0	2.85	V	2030.0	2.84	V
3030.0	2.83 V	4030.0	2.83	V	1031.0	356.76	NS
2031.0	355.76 NS	3031.0	426.58	NS	4031.0	404.64	NS
1032.0	14.13 %	2032.0	18.37	%	3032.0	13.81	%
4032.0	13.81 %	1033.0	0.293	V/US	2033.0	0.292	V/US
3033.0	0.239 V/US	4033.0	0.256	V/US	1034.0	0.317	V/US
2034.0	0.319 V/US	3034.0	0.262	V/US	4034.0	0.273	V/US

DEVICE 29 BIN 1 HEAD 3 03:21 PM 01/04/2005

600.0	300	700.0	25 DGR	800.0	449.3 UA
900.0	3.11 MA	1001.0	-0.678 MV	2001.0	-0.903 MV
3001.0	-0.753 MV	4001.0	-0.575 MV	1002.0	-0.130 MV
2002.0	-0.360 MV	3002.0	-0.222 MV	4002.0	0.002 MV
1003.0	-0.92 MV	2003.0	-1.13 MV	3003.0	-0.91 MV
4003.0	-0.83 MV	1004.0	-0.82 MV	2004.0	-1.04 MV
3004.0	-0.82 MV	4004.0	-0.75 MV	1005.0	1.12 NA
2005.0	-1.62 NA	3005.0	-0.90 NA	4005.0	1.30 NA
1006.0	0.29 NA	2006.0	-0.47 NA	3006.0	-0.22 NA
4006.0	0.44 NA	1007.0	0.78 NA	2007.0	-0.90 NA
3007.0	-0.72 NA	4007.0	1.14 NA	1008.0	0.82 NA
2008.0	-0.88 NA	3008.0	-0.42 NA	4008.0	0.57 NA
1009.0	-48.94 NA	2009.0	-50.36 NA	3009.0	-47.25 NA
4009.0	-48.17 NA	1010.0	-22.11 NA	2010.0	-22.54 NA
3010.0	-21.45 NA	4010.0	-22.45 NA	1011.0	-33.86 NA
2011.0	-33.72 NA	3011.0	-33.05 NA	4011.0	-32.43 NA
1012.0	-29.74 NA	2012.0	-29.96 NA	3012.0	-29.09 NA
4012.0	-29.27 NA	1013.0	-50.06 NA	2013.0	-48.74 NA
3013.0	-46.35 NA	4013.0	-49.47 NA	1014.0	-22.41 NA
2014.0	-22.07 NA	3014.0	-21.22 NA	4014.0	-22.89 NA
1015.0	-34.65 NA	2015.0	-32.82 NA	3015.0	-32.33 NA
4015.0	-33.58 NA	116.0	-30.56 NA	216.0	-29.08 NA
316.0	-28.67 NA	416.0	-29.84 NA	1017.0	3.91 UV
2017.0	3.65 UV	3017.0	2.81 UV	4017.0	4.52 UV
1018.0	94.18 DB	2018.0	94.25 DB	3018.0	94.43 DB
4018.0	93.73 DB	1019.0	-40.6 MA	2019.0	-40.5 MA
3019.0	-40.3 MA	4019.0	-39.4 MA	61.0	1.77 MA
1020.0	28.559 V	2020.0	28.551 V	3020.0	28.559 V
4020.0	28.542 V	1021.0	27.924 V	2021.0	27.905 V
3021.0	27.932 V	4021.0	27.909 V	1022.0	86.51 V/MV
2022.0	83.87 V/MV	3022.0	127.80 V/MV	4022.0	83.98 V/MV
1023.0	60.95 V/MV	2023.0	59.80 V/MV	3023.0	81.03 V/MV
4023.0	59.86 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.217 MV	2026.0	2.350 MV	3026.0	2.035 MV
4026.0	1.942 MV	1027.0	0.882 V	2027.0	0.881 V
3027.0	0.883 V	4027.0	0.881 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.325 V	2029.0	28.319 V	3029.0	28.323 V
4029.0	28.308 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.83 V	1031.0	349.78 NS
2031.0	361.75 NS	3031.0	392.67 NS	4031.0	383.69 NS
1032.0	14.92 %	2032.0	18.37 %	3032.0	15.35 %
4032.0	15.35 %	1033.0	0.304 V/US	2033.0	0.290 V/US
3033.0	0.267 V/US	4033.0	0.277 V/US	1034.0	0.318 V/US
2034.0	0.313 V/US	3034.0	0.279 V/US	4034.0	0.293 V/US

DEVICE 30 BIN 1 HEAD 3 03:22 PM 01/04/2005

600.0	300	700.0	25 DGR	800.0	444.9 UA
900.0	3.40 MA	1001.0	-1.124 MV	2001.0	-0.754 MV
3001.0	-1.133 MV	4001.0	-0.589 MV	1002.0	-0.596 MV
2002.0	-0.233 MV	3002.0	-0.620 MV	4002.0	-0.065 MV
1003.0	-1.37 MV	2003.0	-1.05 MV	3003.0	-1.36 MV
4003.0	-0.86 MV	1004.0	-1.26 MV	2004.0	-0.96 MV
3004.0	-1.27 MV	4004.0	-0.79 MV	1005.0	-0.03 NA
2005.0	0.31 NA	3005.0	0.81 NA	4005.0	-0.71 NA
1006.0	0.19 NA	2006.0	0.22 NA	3006.0	-0.37 NA
4006.0	0.37 NA	1007.0	-0.14 NA	2007.0	0.24 NA
3007.0	0.37 NA	4007.0	-0.27 NA	1008.0	-0.13 NA
2008.0	0.16 NA	3008.0	0.36 NA	4008.0	-0.35 NA
1009.0	-52.07 NA	2009.0	-50.68 NA	3009.0	-49.66 NA
4009.0	-52.23 NA	1010.0	-23.38 NA	2010.0	-23.48 NA
3010.0	-22.52 NA	4010.0	-24.46 NA	1011.0	-36.12 NA
2011.0	-34.97 NA	3011.0	-34.92 NA	4011.0	-36.36 NA
1012.0	-32.29 NA	2012.0	-30.78 NA	3012.0	-31.17 NA
4012.0	-32.08 NA	1013.0	-52.04 NA	2013.0	-50.99 NA
3013.0	-50.47 NA	4013.0	-51.51 NA	1014.0	-23.57 NA
2014.0	-23.70 NA	3014.0	-22.15 NA	4014.0	-24.84 NA
1015.0	-35.97 NA	2015.0	-35.21 NA	3015.0	-35.29 NA
4015.0	-36.10 NA	116.0	-32.16 NA	216.0	-30.95 NA
316.0	-31.53 NA	416.0	-31.74 NA	1017.0	3.17 UV
2017.0	6.88 UV	3017.0	3.66 UV	4017.0	4.32 UV
1018.0	94.49 DB	2018.0	94.60 DB	3018.0	94.74 DB
4018.0	94.55 DB	1019.0	-41.5 MA	2019.0	-40.3 MA
3019.0	-40.3 MA	4019.0	-40.2 MA	61.0	1.85 MA
1020.0	28.547 V	2020.0	28.549 V	3020.0	28.542 V
4020.0	28.534 V	1021.0	27.885 V	2021.0	27.891 V
3021.0	27.890 V	4021.0	27.876 V	1022.0	74.59 V/MV
2022.0	93.90 V/MV	3022.0	88.07 V/MV	4022.0	72.42 V/MV
1023.0	56.41 V/MV	2023.0	64.18 V/MV	3023.0	62.26 V/MV
4023.0	54.11 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.217 MV	2026.0	2.427 MV	3026.0	1.933 MV
4026.0	1.911 MV	1027.0	0.886 V	2027.0	0.888 V
3027.0	0.885 V	4027.0	0.884 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.312 V	2029.0	28.313 V	3029.0	28.308 V
4029.0	28.300 V	1030.0	2.84 V	2030.0	2.84 V
3030.0	2.83 V	4030.0	2.83 V	1031.0	367.73 NS
2031.0	375.71 NS	3031.0	405.63 NS	4031.0	425.58 NS
1032.0	13.81 %	2032.0	17.60 %	3032.0	14.55 %
4032.0	14.79 %	1033.0	0.288 V/US	2033.0	0.276 V/US
3033.0	0.257 V/US	4033.0	0.268 V/US	1034.0	0.306 V/US
2034.0	0.298 V/US	3034.0	0.271 V/US	4034.0	0.281 V/US

600.0	300	700.0	25 DGR	800.0	447.1 UA
900.0	3.52 MA	1001.0	-1.184 MV	2001.0	-0.860 MV
3001.0	-0.655 MV	4001.0	-0.597 MV	1002.0	-0.658 MV
2002.0	-0.280 MV	3002.0	-0.086 MV	4002.0	-0.085 MV
1003.0	-1.43 MV	2003.0	-1.10 MV	3003.0	-0.91 MV
4003.0	-0.84 MV	1004.0	-1.31 MV	2004.0	-1.00 MV
3004.0	-0.83 MV	4004.0	-0.75 MV	1005.0	1.38 NA
2005.0	-0.71 NA	3005.0	-1.42 NA	4005.0	1.34 NA
1006.0	1.62 NA	2006.0	-1.00 NA	3006.0	0.52 NA
4006.0	-0.62 NA	1007.0	1.14 NA	2007.0	-0.48 NA
3007.0	-0.58 NA	4007.0	0.85 NA	1008.0	0.73 NA
2008.0	-0.21 NA	3008.0	-0.68 NA	4008.0	0.23 NA
1009.0	-55.37 NA	2009.0	-55.30 NA	3009.0	-54.64 NA
4009.0	-54.90 NA	1010.0	-24.31 NA	2010.0	-24.91 NA
3010.0	-24.38 NA	4010.0	-26.04 NA	1011.0	-38.03 NA
2011.0	-37.72 NA	3011.0	-37.90 NA	4011.0	-37.98 NA
1012.0	-33.99 NA	2012.0	-32.77 NA	3012.0	-33.85 NA
4012.0	-33.47 NA	1013.0	-56.75 NA	2013.0	-54.59 NA
3013.0	-53.23 NA	4013.0	-56.23 NA	1014.0	-25.93 NA
2014.0	-23.91 NA	3014.0	-24.90 NA	4014.0	-25.42 NA
1015.0	-39.17 NA	2015.0	-37.24 NA	3015.0	-37.32 NA
4015.0	-38.83 NA	116.0	-34.72 NA	216.0	-32.56 NA
316.0	-33.17 NA	416.0	-33.70 NA	1017.0	4.27 UV
2017.0	2.69 UV	3017.0	3.19 UV	4017.0	4.32 UV
1018.0	94.52 DB	2018.0	93.68 DB	3018.0	93.84 DB
4018.0	94.75 DB	1019.0	-40.4 MA	2019.0	-40.2 MA
3019.0	-39.9 MA	4019.0	-39.6 MA	61.0	1.84 MA
1020.0	28.555 V	2020.0	28.541 V	3020.0	28.535 V
4020.0	28.542 V	1021.0	27.917 V	2021.0	27.880 V
3021.0	27.878 V	4021.0	27.906 V	1022.0	91.26 V/MV
2022.0	69.91 V/MV	3022.0	67.56 V/MV	4022.0	87.78 V/MV
1023.0	63.04 V/MV	2023.0	53.48 V/MV	3023.0	52.15 V/MV
4023.0	59.94 V/MV	1024.0	30.29 V/MV	2024.0	30.15 V/MV
3024.0	30.04 V/MV	4024.0	30.45 V/MV	1025.0	30.29 V/MV
2025.0	30.15 V/MV	3025.0	30.04 V/MV	4025.0	30.45 V/MV
1026.0	2.477 MV	2026.0	2.563 MV	3026.0	2.045 MV
4026.0	2.045 MV	1027.0	0.887 V	2027.0	0.889 V
3027.0	0.884 V	4027.0	0.886 V	1028.0	5 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.319 V	2029.0	28.301 V	3029.0	28.294 V
4029.0	28.305 V	1030.0	2.85 V	2030.0	2.83 V
3030.0	2.83 V	4030.0	2.83 V	1031.0	352.77 NS
2031.0	354.77 NS	3031.0	383.69 NS	4031.0	372.72 NS
1032.0	14.79 %	2032.0	18.85 %	3032.0	15.67 %
4032.0	16.25 %	1033.0	0.301 V/US	2033.0	0.294 V/US
3033.0	0.273 V/US	4033.0	0.285 V/US	1034.0	0.322 V/US
2034.0	0.316 V/US	3034.0	0.287 V/US	4034.0	0.298 V/US