



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

ANALOG TOTAL DOSE RADIATION REPORT

Customer: Rad Qual

Part Type: RM124AJRQMLV

Input Bias Circuit: 7106 IR

Dose Rate: 53.326 rad(Si)/sec

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 – July 27, 2004

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**

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: 2:13 P.M

Start Date: 27/July/2004

Finish Date: 27/July/2004

QA: July 27, 2004

Control Units s/n: #1 #2

Duts : #3 #4 #5 #6 #7 #8

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> <i>3k</i> <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> <i>10k</i> <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
Customer Special Attachment
Rad Hard Linear**

NSID# RM124AJRQMLV

LOT# 9B5571G019

IPI# N/A

Location Step	Operation Mtd/Cond	Qty In	Qty Out	Var	Mech	Rej	FF
	<i>Irradiation</i> <i>30k</i> <i>Level</i>	6	6	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp4	6	6	0	0	0	0
	<i>Irradiation</i> <i>50k</i> <i>Level</i>	6	6	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp5	6	6	0	0	0	0
	<i>Irradiation</i> <i>80k</i> <i>Level</i>	6	6	0	0	N/A	N/A
PASS	Post Rad Read/Rec. Tp6	6	6	0	0	0	0
	<i>Irradiation</i> <i>100k</i> <i>Level</i>	6	6	0	0	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

0k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	12:36 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.6	UA	
900.0	0.76 MA	1001.0	0.401 MV	2001.0	-0.133	MV	
3001.0	-0.231 MV	4001.0	0.004 MV	1002.0	0.939	MV	
2002.0	0.395 MV	3002.0	0.332 MV	4002.0	0.560	MV	
1003.0	0.37 MV	2003.0	-0.15 MV	3003.0	-0.20	MV	
4003.0	-0.03 MV	1004.0	0.47 MV	2004.0	-0.06	MV	
3004.0	-0.12 MV	4004.0	0.05 MV	1005.0	0.08	NA	
2005.0	0.08 NA	3005.0	0.06 NA	4005.0	0.06	NA	
1006.0	-0.07 NA	2006.0	-0.09 NA	3006.0	-0.05	NA	
4006.0	-0.10 NA	1007.0	0.03 NA	2007.0	0.05	NA	
3007.0	0.00 NA	4007.0	-0.12 NA	1008.0	-0.16	NA	
2008.0	0.04 NA	3008.0	-0.01 NA	4008.0	-0.13	NA	
1009.0	-17.25 NA	2009.0	-16.53 NA	3009.0	-16.02	NA	
4009.0	-17.24 NA	1010.0	-8.87 NA	2010.0	-8.66	NA	
3010.0	-8.39 NA	4010.0	-8.92 NA	1011.0	-11.13	NA	
2011.0	-10.41 NA	3011.0	-10.40 NA	4011.0	-11.06	NA	
1012.0	-10.22 NA	2012.0	-9.86 NA	3012.0	-9.64	NA	
4012.0	-10.22 NA	1013.0	-17.33 NA	2013.0	-16.61	NA	
3013.0	-16.07 NA	4013.0	-17.30 NA	1014.0	-8.80	NA	
2014.0	-8.57 NA	3014.0	-8.34 NA	4014.0	-8.82	NA	
1015.0	-11.17 NA	2015.0	-10.46 NA	3015.0	-10.40	NA	
4015.0	-10.95 NA	116.0	-10.06 NA	216.0	-9.90	NA	
316.0	-9.63 NA	416.0	-10.10 NA	1017.0	0.87	UV	
2017.0	0.75 UV	3017.0	-1.10 UV	4017.0	1.24	UV	
1018.0	94.33 DB	2018.0	94.50 DB	3018.0	93.94	DB	
4018.0	94.04 DB	1019.0	-40.0 MA	2019.0	-40.4	MA	
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02	MA	
1020.0	28.610 V	2020.0	28.608 V	3020.0	28.602	V	
4020.0	28.598 V	1021.0	28.028 V	2021.0	28.023	V	
3021.0	28.014 V	4021.0	28.021 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	167.84 V/MV	2023.0	180.73 V/MV	3023.0	184.46	V/MV	
4023.0	172.59 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	1.644 MV	2026.0	1.664 MV	3026.0	1.198	MV	
4026.0	1.291 MV	1027.0	0.874 V	2027.0	0.873	V	
3027.0	0.873 V	4027.0	0.874 V	1028.0	8	MV	
2028.0	9 MV	3028.0	8 MV	4028.0	8	MV	
1029.0	28.368 V	2029.0	28.369 V	3029.0	28.359	V	
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88	V	
3030.0	2.87 V	4030.0	2.86 V	1031.0	326.90	NS	
2031.0	343.75 NS	3031.0	371.50 NS	4031.0	358.62	NS	
1032.0	17.63 %	2032.0	20.65 %	3032.0	18.10	%	
4032.0	17.37 %	1033.0	0.318 V/US	2033.0	0.303	V/US	
3033.0	0.280 V/US	4033.0	0.298 V/US	1034.0	0.326	V/US	
2034.0	0.315 V/US	3034.0	0.291 V/US	4034.0	0.310	V/US	

DEVICE 2 BIN 1 HEAD 3 12:36 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	509.1 UA
900.0	0.77 MA	1001.0	-0.061 MV	2001.0	-0.191 MV
3001.0	0.043 MV	4001.0	-0.002 MV	1002.0	0.478 MV
2002.0	0.381 MV	3002.0	0.583 MV	4002.0	0.474 MV
1003.0	-0.11 MV	2003.0	-0.19 MV	3003.0	0.04 MV
4003.0	-0.02 MV	1004.0	0.01 MV	2004.0	-0.09 MV
3004.0	0.12 MV	4004.0	0.04 MV	1005.0	0.31 NA
2005.0	-0.07 NA	3005.0	0.24 NA	4005.0	0.06 NA
1006.0	0.05 NA	2006.0	-0.12 NA	3006.0	-0.00 NA
4006.0	-0.12 NA	1007.0	0.26 NA	2007.0	-0.08 NA
3007.0	0.03 NA	4007.0	-0.18 NA	1008.0	0.05 NA
2008.0	-0.05 NA	3008.0	0.05 NA	4008.0	-0.14 NA
1009.0	-17.28 NA	2009.0	-16.57 NA	3009.0	-16.61 NA
4009.0	-17.22 NA	1010.0	-8.99 NA	2010.0	-8.79 NA
3010.0	-8.78 NA	4010.0	-9.07 NA	1011.0	-11.05 NA
2011.0	-10.65 NA	3011.0	-10.72 NA	4011.0	-11.30 NA
1012.0	-10.11 NA	2012.0	-9.97 NA	3012.0	-9.97 NA
4012.0	-10.19 NA	1013.0	-17.59 NA	2013.0	-16.50 NA
3013.0	-16.85 NA	4013.0	-17.28 NA	1014.0	-9.04 NA
2014.0	-8.67 NA	3014.0	-8.78 NA	4014.0	-8.95 NA
1015.0	-11.31 NA	2015.0	-10.57 NA	3015.0	-10.75 NA
4015.0	-11.12 NA	116.0	-10.16 NA	216.0	-9.91 NA
316.0	-10.02 NA	416.0	-10.06 NA	1017.0	1.09 UV
2017.0	0.01 UV	3017.0	0.25 UV	4017.0	0.79 UV
1018.0	94.32 DB	2018.0	93.80 DB	3018.0	94.29 DB
4018.0	95.38 DB	1019.0	-40.0 MA	2019.0	-40.3 MA
3019.0	-40.3 MA	4019.0	-39.1 MA	61.0	1.03 MA
1020.0	28.611 V	2020.0	28.608 V	3020.0	28.601 V
4020.0	28.597 V	1021.0	28.029 V	2021.0	28.025 V
3021.0	28.017 V	4021.0	28.019 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	168.13 V/MV	2023.0	182.80 V/MV	3023.0	190.29 V/MV
4023.0	170.18 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	1.654 MV	2026.0	1.622 MV	3026.0	1.186 MV
4026.0	1.308 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	8 MV
1029.0	28.367 V	2029.0	28.368 V	3029.0	28.357 V
4029.0	28.352 V	1030.0	2.88 V	2030.0	2.88 V
3030.0	2.87 V	4030.0	2.86 V	1031.0	326.90 NS
2031.0	347.71 NS	3031.0	361.59 NS	4031.0	340.77 NS
1032.0	18.61 %	2032.0	22.58 %	3032.0	18.85 %
4032.0	19.04 %	1033.0	0.315 V/US	2033.0	0.305 V/US
3033.0	0.292 V/US	4033.0	0.299 V/US	1034.0	0.328 V/US
2034.0	0.317 V/US	3034.0	0.302 V/US	4034.0	0.311 V/US

DEVICE 3 BIN 1 HEAD 3 12:36 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	507.7 UA
900.0	0.76 MA	1001.0	0.046 MV	2001.0	-0.018 MV
3001.0	-0.123 MV	4001.0	-0.027 MV	1002.0	0.582 MV
2002.0	0.534 MV	3002.0	0.363 MV	4002.0	0.540 MV
1003.0	0.01 MV	2003.0	-0.03 MV	3003.0	-0.12 MV
4003.0	-0.05 MV	1004.0	0.11 MV	2004.0	0.07 MV
3004.0	-0.04 MV	4004.0	0.03 MV	1005.0	0.13 NA
2005.0	-0.28 NA	3005.0	0.29 NA	4005.0	0.04 NA
1006.0	-0.10 NA	2006.0	-0.21 NA	3006.0	0.02 NA
4006.0	-0.02 NA	1007.0	0.26 NA	2007.0	-0.05 NA
3007.0	0.12 NA	4007.0	-0.16 NA	1008.0	0.01 NA
2008.0	-0.16 NA	3008.0	0.06 NA	4008.0	-0.03 NA
1009.0	-17.04 NA	2009.0	-16.65 NA	3009.0	-16.07 NA
4009.0	-17.24 NA	1010.0	-8.85 NA	2010.0	-8.80 NA
3010.0	-8.45 NA	4010.0	-8.98 NA	1011.0	-10.94 NA
2011.0	-10.61 NA	3011.0	-10.51 NA	4011.0	-11.26 NA
1012.0	-10.12 NA	2012.0	-10.01 NA	3012.0	-9.70 NA
4012.0	-10.12 NA	1013.0	-17.17 NA	2013.0	-16.37 NA
3013.0	-16.36 NA	4013.0	-17.28 NA	1014.0	-8.75 NA
2014.0	-8.59 NA	3014.0	-8.47 NA	4014.0	-8.96 NA
1015.0	-11.20 NA	2015.0	-10.56 NA	3015.0	-10.63 NA
4015.0	-11.10 NA	116.0	-10.13 NA	216.0	-9.86 NA
316.0	-9.76 NA	416.0	-10.09 NA	1017.0	1.23 UV
2017.0	0.15 UV	3017.0	-0.28 UV	4017.0	1.13 UV
1018.0	94.36 DB	2018.0	94.10 DB	3018.0	95.22 DB
4018.0	93.87 DB	1019.0	-40.3 MA	2019.0	-40.5 MA
3019.0	-40.3 MA	4019.0	-39.5 MA	61.0	1.02 MA
1020.0	28.605 V	2020.0	28.601 V	3020.0	28.594 V
4020.0	28.591 V	1021.0	28.031 V	2021.0	28.024 V
3021.0	28.014 V	4021.0	28.021 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	170.43 V/MV	2023.0	203.31 V/MV	3023.0	201.72 V/MV
4023.0	161.33 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	1.708 MV	2026.0	1.654 MV	3026.0	1.174 MV
4026.0	1.327 MV	1027.0	0.876 V	2027.0	0.876 V
3027.0	0.874 V	4027.0	0.875 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.363 V	2029.0	28.363 V	3029.0	28.353 V
4029.0	28.349 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.86 V	1031.0	289.23 NS
2031.0	324.91 NS	3031.0	350.69 NS	4031.0	330.86 NS
1032.0	20.89 %	2032.0	23.33 %	3032.0	20.15 %
4032.0	20.57 %	1033.0	0.312 V/US	2033.0	0.305 V/US
3033.0	0.281 V/US	4033.0	0.296 V/US	1034.0	0.326 V/US
2034.0	0.317 V/US	3034.0	0.290 V/US	4034.0	0.308 V/US

DEVICE	4	BIN	1	HEAD	3	12:36 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	497.6 UA		
900.0	0.75 MA	1001.0	-0.201 MV	2001.0	-0.171 MV		
3001.0	-0.244 MV	4001.0	-0.006 MV	1002.0	0.338 MV		
2002.0	0.344 MV	3002.0	0.271 MV	4002.0	0.538 MV		
1003.0	-0.21 MV	2003.0	-0.21 MV	3003.0	-0.25 MV		
4003.0	0.01 MV	1004.0	-0.12 MV	2004.0	-0.12 MV		
3004.0	-0.18 MV	4004.0	0.10 MV	1005.0	-0.13 NA		
2005.0	0.14 NA	3005.0	0.23 NA	4005.0	-0.01 NA		
1006.0	-0.15 NA	2006.0	-0.06 NA	3006.0	0.04 NA		
4006.0	-0.13 NA	1007.0	-0.06 NA	2007.0	0.05 NA		
3007.0	0.23 NA	4007.0	-0.07 NA	1008.0	-0.09 NA		
2008.0	-0.34 NA	3008.0	0.06 NA	4008.0	-0.12 NA		
1009.0	-17.77 NA	2009.0	-17.02 NA	3009.0	-17.03 NA		
4009.0	-18.04 NA	1010.0	-9.74 NA	2010.0	-9.47 NA		
3010.0	-9.46 NA	4010.0	-10.01 NA	1011.0	-11.54 NA		
2011.0	-11.01 NA	3011.0	-11.02 NA	4011.0	-11.85 NA		
1012.0	-10.61 NA	2012.0	-10.40 NA	3012.0	-10.14 NA		
4012.0	-10.79 NA	1013.0	-17.64 NA	2013.0	-17.16 NA		
3013.0	-17.26 NA	4013.0	-18.02 NA	1014.0	-9.59 NA		
2014.0	-9.41 NA	3014.0	-9.50 NA	4014.0	-9.87 NA		
1015.0	-11.48 NA	2015.0	-11.06 NA	3015.0	-11.25 NA		
4015.0	-11.78 NA	116.0	-10.52 NA	216.0	-10.06 NA		
316.0	-10.21 NA	416.0	-10.67 NA	1017.0	-0.33 UV		
2017.0	1.45 UV	3017.0	0.47 UV	4017.0	-0.70 UV		
1018.0	94.32 DB	2018.0	94.71 DB	3018.0	94.72 DB		
4018.0	94.24 DB	1019.0	-41.1 MA	2019.0	-40.0 MA		
3019.0	-39.7 MA	4019.0	-40.0 MA	61.0	1.00 MA		
1020.0	28.598 V	2020.0	28.595 V	3020.0	28.588 V		
4020.0	28.585 V	1021.0	28.019 V	2021.0	28.015 V		
3021.0	28.007 V	4021.0	28.011 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	161.74 V/MV	2023.0	192.39 V/MV	3023.0	208.69 V/MV		
4023.0	162.50 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	1.546 MV	2026.0	1.575 MV	3026.0	1.248 MV		
4026.0	1.139 MV	1027.0	0.882 V	2027.0	0.882 V		
3027.0	0.880 V	4027.0	0.881 V	1028.0	9 MV		
2028.0	9 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	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.85 V	4030.0	2.85 V	1031.0	323.92 NS		
2031.0	339.78 NS	3031.0	351.68 NS	4031.0	338.79 NS		
1032.0	19.04 %	2032.0	23.01 %	3032.0	19.35 %		
4032.0	19.77 %	1033.0	0.300 V/US	2033.0	0.291 V/US		
3033.0	0.279 V/US	4033.0	0.291 V/US	1034.0	0.314 V/US		
2034.0	0.303 V/US	3034.0	0.291 V/US	4034.0	0.302 V/US		

DEVICE	5	BIN	1	HEAD	3	12:37 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	496.9 UA		
900.0	0.76 MA	1001.0	-0.239 MV	2001.0	-0.027 MV		
3001.0	-0.273 MV	4001.0	0.280 MV	1002.0	0.342 MV		
2002.0	0.539 MV	3002.0	0.315 MV	4002.0	0.812 MV		
1003.0	-0.21 MV	2003.0	-0.06 MV	3003.0	-0.27 MV		
4003.0	0.29 MV	1004.0	-0.10 MV	2004.0	0.03 MV		
3004.0	-0.17 MV	4004.0	0.36 MV	1005.0	0.03 NA		
2005.0	0.01 NA	3005.0	0.09 NA	4005.0	-0.25 NA		
1006.0	-0.12 NA	2006.0	-0.12 NA	3006.0	-0.03 NA		
4006.0	-0.16 NA	1007.0	-0.03 NA	2007.0	0.11 NA		
3007.0	0.09 NA	4007.0	-0.01 NA	1008.0	-0.02 NA		
2008.0	0.01 NA	3008.0	0.06 NA	4008.0	-0.29 NA		
1009.0	-17.80 NA	2009.0	-17.13 NA	3009.0	-17.13 NA		
4009.0	-18.07 NA	1010.0	-9.79 NA	2010.0	-9.52 NA		
3010.0	-9.51 NA	4010.0	-9.90 NA	1011.0	-11.63 NA		
2011.0	-11.05 NA	3011.0	-11.12 NA	4011.0	-11.78 NA		
1012.0	-10.72 NA	2012.0	-10.49 NA	3012.0	-10.16 NA		
4012.0	-10.76 NA	1013.0	-17.83 NA	2013.0	-17.14 NA		
3013.0	-17.21 NA	4013.0	-17.81 NA	1014.0	-9.67 NA		
2014.0	-9.41 NA	3014.0	-9.48 NA	4014.0	-9.74 NA		
1015.0	-11.60 NA	2015.0	-11.16 NA	3015.0	-11.22 NA		
4015.0	-11.77 NA	116.0	-10.71 NA	216.0	-10.50 NA		
316.0	-10.22 NA	416.0	-10.47 NA	1017.0	-1.63 UV		
2017.0	1.64 UV	3017.0	-0.14 UV	4017.0	-0.53 UV		
1018.0	93.66 DB	2018.0	93.88 DB	3018.0	93.56 DB		
4018.0	94.42 DB	1019.0	-41.2 MA	2019.0	-40.2 MA		
3019.0	-39.9 MA	4019.0	-40.0 MA	61.0	1.00 MA		
1020.0	28.596 V	2020.0	28.593 V	3020.0	28.587 V		
4020.0	28.584 V	1021.0	28.014 V	2021.0	28.013 V		
3021.0	28.005 V	4021.0	28.006 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	161.35 V/MV	2023.0	204.59 V/MV	3023.0	218.21 V/MV		
4023.0	161.52 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	1.651 MV	3026.0	1.215 MV		
4026.0	1.196 MV	1027.0	0.882 V	2027.0	0.881 V		
3027.0	0.880 V	4027.0	0.881 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.356 V	2029.0	28.356 V	3029.0	28.347 V		
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.85 V	1031.0	303.11 NS		
2031.0	323.92 NS	3031.0	326.90 NS	4031.0	292.21 NS		
1032.0	21.72 %	2032.0	24.28 %	3032.0	20.98 %		
4032.0	21.30 %	1033.0	0.300 V/US	2033.0	0.292 V/US		
3033.0	0.277 V/US	4033.0	0.289 V/US	1034.0	0.314 V/US		
2034.0	0.302 V/US	3034.0	0.288 V/US	4034.0	0.297 V/US		

DEVICE 6 BIN 1 HEAD 3 12:37 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	470.8 UA
900.0	0.78 MA	1001.0	-0.026 MV	2001.0	-0.244 MV
3001.0	-0.393 MV	4001.0	-0.148 MV	1002.0	0.513 MV
2002.0	0.312 MV	3002.0	0.113 MV	4002.0	0.455 MV
1003.0	-0.06 MV	2003.0	-0.22 MV	3003.0	-0.38 MV
4003.0	-0.15 MV	1004.0	0.03 MV	2004.0	-0.13 MV
3004.0	-0.31 MV	4004.0	-0.06 MV	1005.0	0.15 NA
2005.0	0.00 NA	3005.0	-0.18 NA	4005.0	-0.02 NA
1006.0	-0.10 NA	2006.0	-0.13 NA	3006.0	-0.20 NA
4006.0	-0.09 NA	1007.0	0.04 NA	2007.0	0.00 NA
3007.0	-0.08 NA	4007.0	0.04 NA	1008.0	0.01 NA
2008.0	-0.05 NA	3008.0	-0.20 NA	4008.0	-0.03 NA
1009.0	-16.07 NA	2009.0	-15.19 NA	3009.0	-15.65 NA
4009.0	-16.11 NA	1010.0	-8.51 NA	2010.0	-8.18 NA
3010.0	-8.34 NA	4010.0	-8.62 NA	1011.0	-10.31 NA
2011.0	-10.12 NA	3011.0	-10.21 NA	4011.0	-10.35 NA
1012.0	-9.53 NA	2012.0	-9.20 NA	3012.0	-9.38 NA
4012.0	-9.60 NA	1013.0	-16.22 NA	2013.0	-15.20 NA
3013.0	-15.47 NA	4013.0	-16.10 NA	1014.0	-8.40 NA
2014.0	-8.04 NA	3014.0	-8.14 NA	4014.0	-8.53 NA
1015.0	-10.35 NA	2015.0	-10.12 NA	3015.0	-10.13 NA
4015.0	-10.39 NA	116.0	-9.54 NA	216.0	-9.15 NA
316.0	-9.19 NA	416.0	-9.58 NA	1017.0	0.90 UV
2017.0	-0.99 UV	3017.0	-0.52 UV	4017.0	-0.15 UV
1018.0	94.32 DB	2018.0	94.04 DB	3018.0	94.86 DB
4018.0	93.34 DB	1019.0	-40.3 MA	2019.0	-40.3 MA
3019.0	-40.3 MA	4019.0	-39.4 MA	61.0	1.03 MA
1020.0	28.597 V	2020.0	28.593 V	3020.0	28.586 V
4020.0	28.584 V	1021.0	28.033 V	2021.0	28.029 V
3021.0	28.024 V	4021.0	28.023 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	178.83 V/MV	2023.0	209.60 V/MV	3023.0	176.47 V/MV
4023.0	155.62 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	1.596 MV	2026.0	1.733 MV	3026.0	1.241 MV
4026.0	1.160 MV	1027.0	0.878 V	2027.0	0.878 V
3027.0	0.876 V	4027.0	0.877 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.354 V	2029.0	28.353 V	3029.0	28.343 V
4029.0	28.339 V	1030.0	2.87 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	307.07 NS
2031.0	326.90 NS	3031.0	325.91 NS	4031.0	315.99 NS
1032.0	20.57 %	2032.0	25.81 %	3032.0	20.33 %
4032.0	20.98 %	1033.0	0.319 V/US	2033.0	0.316 V/US
3033.0	0.294 V/US	4033.0	0.308 V/US	1034.0	0.336 V/US
2034.0	0.329 V/US	3034.0	0.308 V/US	4034.0	0.321 V/US

DEVICE 7 BIN 1 HEAD 3 12:37 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	507.1 UA
900.0	0.77 MA	1001.0	-0.172 MV	2001.0	-0.131 MV
3001.0	-0.303 MV	4001.0	0.188 MV	1002.0	0.315 MV
2002.0	0.401 MV	3002.0	0.228 MV	4002.0	0.779 MV
1003.0	-0.20 MV	2003.0	-0.14 MV	3003.0	-0.24 MV
4003.0	0.17 MV	1004.0	-0.11 MV	2004.0	-0.04 MV
3004.0	-0.16 MV	4004.0	0.26 MV	1005.0	0.52 NA
2005.0	-0.11 NA	3005.0	-0.11 NA	4005.0	0.20 NA
1006.0	0.15 NA	2006.0	-0.10 NA	3006.0	-0.11 NA
4006.0	-0.05 NA	1007.0	0.74 NA	2007.0	-0.16 NA
3007.0	0.06 NA	4007.0	-0.09 NA	1008.0	0.17 NA
2008.0	0.04 NA	3008.0	-0.08 NA	4008.0	0.08 NA
1009.0	-17.25 NA	2009.0	-16.69 NA	3009.0	-16.83 NA
4009.0	-17.20 NA	1010.0	-8.98 NA	2010.0	-8.90 NA
3010.0	-8.91 NA	4010.0	-9.07 NA	1011.0	-10.78 NA
2011.0	-10.74 NA	3011.0	-10.73 NA	4011.0	-11.19 NA
1012.0	-10.03 NA	2012.0	-10.04 NA	3012.0	-10.05 NA
4012.0	-10.02 NA	1013.0	-17.77 NA	2013.0	-16.58 NA
3013.0	-16.72 NA	4013.0	-17.40 NA	1014.0	-9.13 NA
2014.0	-8.80 NA	3014.0	-8.80 NA	4014.0	-9.03 NA
1015.0	-11.52 NA	2015.0	-10.58 NA	3015.0	-10.79 NA
4015.0	-11.10 NA	116.0	-10.20 NA	216.0	-10.07 NA
316.0	-9.97 NA	416.0	-10.10 NA	1017.0	0.57 UV
2017.0	0.28 UV	3017.0	-2.68 UV	4017.0	0.60 UV
1018.0	95.19 DB	2018.0	94.43 DB	3018.0	94.45 DB
4018.0	93.51 DB	1019.0	-40.2 MA	2019.0	-40.7 MA
3019.0	-40.5 MA	4019.0	-39.4 MA	61.0	1.03 MA
1020.0	28.603 V	2020.0	28.601 V	3020.0	28.593 V
4020.0	28.591 V	1021.0	28.035 V	2021.0	28.031 V
3021.0	28.024 V	4021.0	28.027 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	153.56 V/MV	2023.0	187.82 V/MV	3023.0	216.16 V/MV
4023.0	161.50 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	1.654 MV	3026.0	1.250 MV
4026.0	1.241 MV	1027.0	0.876 V	2027.0	0.876 V
3027.0	0.874 V	4027.0	0.876 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.363 V	2029.0	28.363 V	3029.0	28.351 V
4029.0	28.348 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.86 V	1031.0	320.95 NS
2031.0	330.86 NS	3031.0	343.75 NS	4031.0	346.72 NS
1032.0	19.03 %	2032.0	22.83 %	3032.0	19.35 %
4032.0	19.27 %	1033.0	0.313 V/US	2033.0	0.305 V/US
3033.0	0.293 V/US	4033.0	0.300 V/US	1034.0	0.326 V/US
2034.0	0.316 V/US	3034.0	0.305 V/US	4034.0	0.311 V/US

DEVICE 8 BIN 1 HEAD 3 12:38 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	503.0 UA
900.0	0.76 MA	1001.0	-0.333 MV	2001.0	-0.067 MV
3001.0	-0.092 MV	4001.0	0.093 MV	1002.0	0.238 MV
2002.0	0.494 MV	3002.0	0.459 MV	4002.0	0.636 MV
1003.0	-0.32 MV	2003.0	-0.11 MV	3003.0	-0.09 MV
4003.0	0.10 MV	1004.0	-0.21 MV	2004.0	-0.00 MV
3004.0	-0.02 MV	4004.0	0.17 MV	1005.0	0.04 NA
2005.0	-0.08 NA	3005.0	0.38 NA	4005.0	-0.10 NA
1006.0	-0.12 NA	2006.0	-0.15 NA	3006.0	0.07 NA
4006.0	-0.11 NA	1007.0	-0.07 NA	2007.0	0.03 NA
3007.0	0.13 NA	4007.0	-0.03 NA	1008.0	-0.12 NA
2008.0	-0.07 NA	3008.0	-0.02 NA	4008.0	-0.07 NA
1009.0	-18.05 NA	2009.0	-17.16 NA	3009.0	-17.09 NA
4009.0	-18.00 NA	1010.0	-9.84 NA	2010.0	-9.57 NA
3010.0	-9.54 NA	4010.0	-9.94 NA	1011.0	-11.79 NA
2011.0	-11.04 NA	3011.0	-11.26 NA	4011.0	-11.74 NA
1012.0	-10.59 NA	2012.0	-10.25 NA	3012.0	-10.22 NA
4012.0	-10.83 NA	1013.0	-18.09 NA	2013.0	-17.08 NA
3013.0	-17.46 NA	4013.0	-17.90 NA	1014.0	-9.72 NA
2014.0	-9.42 NA	3014.0	-9.61 NA	4014.0	-9.83 NA
1015.0	-11.72 NA	2015.0	-11.07 NA	3015.0	-11.39 NA
4015.0	-11.70 NA	116.0	-10.46 NA	216.0	-10.18 NA
316.0	-10.21 NA	416.0	-10.76 NA	1017.0	-1.37 UV
2017.0	1.48 UV	3017.0	-0.22 UV	4017.0	-0.35 UV
1018.0	93.82 DB	2018.0	93.97 DB	3018.0	94.12 DB
4018.0	94.25 DB	1019.0	-41.1 MA	2019.0	-40.3 MA
3019.0	-40.2 MA	4019.0	-40.1 MA	61.0	1.01 MA
1020.0	28.595 V	2020.0	28.592 V	3020.0	28.586 V
4020.0	28.581 V	1021.0	28.020 V	2021.0	28.017 V
3021.0	28.011 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	170.89 V/MV	2023.0	193.39 V/MV	3023.0	206.69 V/MV
4023.0	166.02 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	1.529 MV	2026.0	1.613 MV	3026.0	1.215 MV
4026.0	1.225 MV	1027.0	0.882 V	2027.0	0.881 V
3027.0	0.879 V	4027.0	0.881 V	1028.0	8 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.354 V	2029.0	28.355 V	3029.0	28.346 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	390.33 NS
2031.0	345.73 NS	3031.0	353.66 NS	4031.0	351.68 NS
1032.0	16.63 %	2032.0	21.05 %	3032.0	18.61 %
4032.0	18.62 %	1033.0	0.302 V/US	2033.0	0.293 V/US
3033.0	0.282 V/US	4033.0	0.290 V/US	1034.0	0.317 V/US
2034.0	0.305 V/US	3034.0	0.291 V/US	4034.0	0.300 V/US

3k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	12:49 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.6 UA		
900.0	0.77 MA	1001.0	0.398 MV	2001.0	-0.130 MV		
3001.0	-0.226 MV	4001.0	0.010 MV	1002.0	0.944 MV		
2002.0	0.402 MV	3002.0	0.335 MV	4002.0	0.559 MV		
1003.0	0.36 MV	2003.0	-0.15 MV	3003.0	-0.20 MV		
4003.0	-0.02 MV	1004.0	0.47 MV	2004.0	-0.06 MV		
3004.0	-0.11 MV	4004.0	0.05 MV	1005.0	-0.11 NA		
2005.0	0.18 NA	3005.0	-0.02 NA	4005.0	0.02 NA		
1006.0	-0.08 NA	2006.0	-0.10 NA	3006.0	-0.05 NA		
4006.0	-0.12 NA	1007.0	0.13 NA	2007.0	-0.09 NA		
3007.0	0.06 NA	4007.0	-0.10 NA	1008.0	-0.15 NA		
2008.0	0.03 NA	3008.0	0.01 NA	4008.0	-0.18 NA		
1009.0	-17.32 NA	2009.0	-16.39 NA	3009.0	-16.10 NA		
4009.0	-17.12 NA	1010.0	-8.86 NA	2010.0	-8.65 NA		
3010.0	-8.39 NA	4010.0	-8.93 NA	1011.0	-11.15 NA		
2011.0	-10.48 NA	3011.0	-10.42 NA	4011.0	-11.08 NA		
1012.0	-10.24 NA	2012.0	-9.86 NA	3012.0	-9.63 NA		
4012.0	-10.23 NA	1013.0	-17.21 NA	2013.0	-16.57 NA		
3013.0	-16.08 NA	4013.0	-17.14 NA	1014.0	-8.79 NA		
2014.0	-8.56 NA	3014.0	-8.34 NA	4014.0	-8.81 NA		
1015.0	-11.28 NA	2015.0	-10.40 NA	3015.0	-10.48 NA		
4015.0	-10.98 NA	116.0	-10.08 NA	216.0	-9.89 NA		
316.0	-9.64 NA	416.0	-10.05 NA	1017.0	0.83 UV		
2017.0	0.77 UV	3017.0	-1.18 UV	4017.0	1.12 UV		
1018.0	94.21 DB	2018.0	94.43 DB	3018.0	93.95 DB		
4018.0	94.14 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02 MA		
1020.0	28.610 V	2020.0	28.608 V	3020.0	28.602 V		
4020.0	28.598 V	1021.0	28.027 V	2021.0	28.023 V		
3021.0	28.014 V	4021.0	28.020 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	169.90 V/MV	2023.0	183.54 V/MV	3023.0	186.74 V/MV		
4023.0	167.94 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	1.673 MV	2026.0	1.628 MV	3026.0	1.191 MV		
4026.0	1.355 MV	1027.0	0.874 V	2027.0	0.873 V		
3027.0	0.872 V	4027.0	0.875 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.370 V	2029.0	28.370 V	3029.0	28.359 V		
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	288.24 NS		
2031.0	316.99 NS	3031.0	362.58 NS	4031.0	344.74 NS		
1032.0	20.89 %	2032.0	23.25 %	3032.0	17.60 %		
4032.0	18.03 %	1033.0	0.319 V/US	2033.0	0.306 V/US		
3033.0	0.283 V/US	4033.0	0.300 V/US	1034.0	0.327 V/US		
2034.0	0.318 V/US	3034.0	0.293 V/US	4034.0	0.313 V/US		

DEVICE	2	BIN	1	HEAD	3	12:49 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	509.8 UA		
900.0	0.77 MA	1001.0	-0.057 MV	2001.0	-0.191 MV		
3001.0	0.044 MV	4001.0	0.004 MV	1002.0	0.483 MV		
2002.0	0.377 MV	3002.0	0.592 MV	4002.0	0.480 MV		
1003.0	-0.10 MV	2003.0	-0.18 MV	3003.0	0.05 MV		
4003.0	-0.01 MV	1004.0	0.01 MV	2004.0	-0.08 MV		
3004.0	0.12 MV	4004.0	0.06 MV	1005.0	0.74 NA		
2005.0	-0.62 NA	3005.0	0.52 NA	4005.0	-0.99 NA		
1006.0	-0.06 NA	2006.0	-0.14 NA	3006.0	0.08 NA		
4006.0	-0.21 NA	1007.0	0.41 NA	2007.0	-0.02 NA		
3007.0	0.19 NA	4007.0	-0.02 NA	1008.0	-0.08 NA		
2008.0	-0.22 NA	3008.0	0.07 NA	4008.0	-0.34 NA		
1009.0	-17.00 NA	2009.0	-16.99 NA	3009.0	-16.35 NA		
4009.0	-18.22 NA	1010.0	-9.05 NA	2010.0	-8.86 NA		
3010.0	-8.73 NA	4010.0	-9.07 NA	1011.0	-11.32 NA		
2011.0	-10.32 NA	3011.0	-10.84 NA	4011.0	-10.90 NA		
1012.0	-10.52 NA	2012.0	-10.06 NA	3012.0	-9.98 NA		
4012.0	-10.62 NA	1013.0	-17.74 NA	2013.0	-16.37 NA		
3013.0	-16.86 NA	4013.0	-17.23 NA	1014.0	-8.99 NA		
2014.0	-8.73 NA	3014.0	-8.81 NA	4014.0	-8.86 NA		
1015.0	-11.73 NA	2015.0	-10.29 NA	3015.0	-11.02 NA		
4015.0	-10.88 NA	116.0	-10.43 NA	216.0	-9.84 NA		
316.0	-10.05 NA	416.0	-10.28 NA	1017.0	1.11 UV		
2017.0	-0.16 UV	3017.0	0.29 UV	4017.0	0.80 UV		
1018.0	94.29 DB	2018.0	93.86 DB	3018.0	94.18 DB		
4018.0	95.40 DB	1019.0	-39.8 MA	2019.0	-40.2 MA		
3019.0	-40.2 MA	4019.0	-39.0 MA	61.0	1.03 MA		
1020.0	28.615 V	2020.0	28.612 V	3020.0	28.605 V		
4020.0	28.601 V	1021.0	28.030 V	2021.0	28.025 V		
3021.0	28.018 V	4021.0	28.020 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	169.27 V/MV	2023.0	178.73 V/MV	3023.0	188.82 V/MV		
4023.0	169.79 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	1.692 MV	2026.0	1.644 MV	3026.0	1.291 MV		
4026.0	1.327 MV	1027.0	0.874 V	2027.0	0.873 V		
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.373 V	2029.0	28.375 V	3029.0	28.363 V		
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	320.95 NS		
2031.0	320.95 NS	3031.0	369.52 NS	4031.0	348.70 NS		
1032.0	19.59 %	2032.0	22.28 %	3032.0	18.03 %		
4032.0	18.61 %	1033.0	0.316 V/US	2033.0	0.305 V/US		
3033.0	0.294 V/US	4033.0	0.300 V/US	1034.0	0.330 V/US		
2034.0	0.317 V/US	3034.0	0.303 V/US	4034.0	0.311 V/US		

DEVICE	3	BIN	1	HEAD	3	12:49 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	459.9 UA		
900.0	0.76 MA	1001.0	-0.022 MV	2001.0	-0.084 MV		
3001.0	-0.200 MV	4001.0	-0.081 MV	1002.0	0.493 MV		
2002.0	0.446 MV	3002.0	0.280 MV	4002.0	0.469 MV		
1003.0	-0.07 MV	2003.0	-0.10 MV	3003.0	-0.19 MV		
4003.0	-0.11 MV	1004.0	0.03 MV	2004.0	-0.00 MV		
3004.0	-0.12 MV	4004.0	-0.03 MV	1005.0	0.03 NA		
2005.0	-0.21 NA	3005.0	0.01 NA	4005.0	0.22 NA		
1006.0	0.15 NA	2006.0	0.04 NA	3006.0	-0.03 NA		
4006.0	-0.07 NA	1007.0	0.10 NA	2007.0	-0.08 NA		
3007.0	0.03 NA	4007.0	0.09 NA	1008.0	-0.03 NA		
2008.0	-0.24 NA	3008.0	0.11 NA	4008.0	-0.16 NA		
1009.0	-19.97 NA	2009.0	-19.44 NA	3009.0	-18.94 NA		
4009.0	-20.04 NA	1010.0	-10.19 NA	2010.0	-10.18 NA		
3010.0	-10.12 NA	4010.0	-10.60 NA	1011.0	-13.01 NA		
2011.0	-12.59 NA	3011.0	-12.47 NA	4011.0	-13.11 NA		
1012.0	-11.80 NA	2012.0	-11.40 NA	3012.0	-11.33 NA		
4012.0	-11.95 NA	1013.0	-20.00 NA	2013.0	-19.23 NA		
3013.0	-18.96 NA	4013.0	-20.26 NA	1014.0	-10.34 NA		
2014.0	-10.22 NA	3014.0	-10.08 NA	4014.0	-10.53 NA		
1015.0	-13.11 NA	2015.0	-12.51 NA	3015.0	-12.51 NA		
4015.0	-13.20 NA	116.0	-11.76 NA	216.0	-11.16 NA		
316.0	-11.43 NA	416.0	-11.79 NA	1017.0	1.32 UV		
2017.0	0.32 UV	3017.0	-0.10 UV	4017.0	1.14 UV		
1018.0	94.71 DB	2018.0	94.45 DB	3018.0	95.32 DB		
4018.0	94.13 DB	1019.0	-40.2 MA	2019.0	-40.5 MA		
3019.0	-40.3 MA	4019.0	-39.5 MA	61.0	1.01 MA		
1020.0	28.604 V	2020.0	28.601 V	3020.0	28.594 V		
4020.0	28.591 V	1021.0	28.032 V	2021.0	28.025 V		
3021.0	28.015 V	4021.0	28.022 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	172.79 V/MV	2023.0	203.95 V/MV	3023.0	199.04 V/MV		
4023.0	161.22 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	1.708 MV	2026.0	1.619 MV	3026.0	1.193 MV		
4026.0	1.301 MV	1027.0	0.876 V	2027.0	0.876 V		
3027.0	0.875 V	4027.0	0.878 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.365 V	2029.0	28.365 V	3029.0	28.353 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	319.96 NS		
2031.0	336.81 NS	3031.0	350.69 NS	4031.0	344.74 NS		
1032.0	18.85 %	2032.0	23.02 %	3032.0	20.15 %		
4032.0	20.65 %	1033.0	0.310 V/US	2033.0	0.302 V/US		
3033.0	0.279 V/US	4033.0	0.293 V/US	1034.0	0.323 V/US		
2034.0	0.316 V/US	3034.0	0.289 V/US	4034.0	0.307 V/US		

DEVICE	4	BIN	1	HEAD	3	12:50 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	457.2 UA		
900.0	0.76 MA	1001.0	-0.266 MV	2001.0	-0.241 MV		
3001.0	-0.313 MV	4001.0	-0.054 MV	1002.0	0.272 MV		
2002.0	0.271 MV	3002.0	0.198 MV	4002.0	0.490 MV		
1003.0	-0.27 MV	2003.0	-0.28 MV	3003.0	-0.33 MV		
4003.0	-0.04 MV	1004.0	-0.18 MV	2004.0	-0.20 MV		
3004.0	-0.26 MV	4004.0	0.04 MV	1005.0	0.04 NA		
2005.0	0.09 NA	3005.0	0.16 NA	4005.0	-0.15 NA		
1006.0	-0.28 NA	2006.0	0.06 NA	3006.0	-0.04 NA		
4006.0	-0.25 NA	1007.0	0.14 NA	2007.0	-0.04 NA		
3007.0	0.07 NA	4007.0	-0.20 NA	1008.0	0.00 NA		
2008.0	0.13 NA	3008.0	-0.00 NA	4008.0	-0.05 NA		
1009.0	-20.81 NA	2009.0	-20.15 NA	3009.0	-20.14 NA		
4009.0	-21.28 NA	1010.0	-11.48 NA	2010.0	-10.81 NA		
3010.0	-11.08 NA	4010.0	-11.64 NA	1011.0	-13.70 NA		
2011.0	-13.24 NA	3011.0	-13.36 NA	4011.0	-14.08 NA		
1012.0	-12.46 NA	2012.0	-12.20 NA	3012.0	-12.19 NA		
4012.0	-13.03 NA	1013.0	-20.86 NA	2013.0	-20.25 NA		
3013.0	-20.31 NA	4013.0	-21.13 NA	1014.0	-11.21 NA		
2014.0	-10.87 NA	3014.0	-11.04 NA	4014.0	-11.38 NA		
1015.0	-13.84 NA	2015.0	-13.20 NA	3015.0	-13.43 NA		
4015.0	-13.88 NA	116.0	-12.46 NA	216.0	-12.33 NA		
316.0	-12.18 NA	416.0	-12.99 NA	1017.0	-0.17 UV		
2017.0	1.64 UV	3017.0	0.62 UV	4017.0	-0.76 UV		
1018.0	94.32 DB	2018.0	94.76 DB	3018.0	94.78 DB		
4018.0	94.24 DB	1019.0	-40.7 MA	2019.0	-39.7 MA		
3019.0	-39.4 MA	4019.0	-39.6 MA	61.0	0.99 MA		
1020.0	28.607 V	2020.0	28.606 V	3020.0	28.597 V		
4020.0	28.595 V	1021.0	28.013 V	2021.0	28.009 V		
3021.0	28.001 V	4021.0	28.005 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	163.13 V/MV	2023.0	191.93 V/MV	3023.0	215.03 V/MV		
4023.0	161.96 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	1.584 MV	2026.0	1.539 MV	3026.0	1.174 MV		
4026.0	1.308 MV	1027.0	0.881 V	2027.0	0.881 V		
3027.0	0.879 V	4027.0	0.881 V	1028.0	9 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.366 V	2029.0	28.364 V	3029.0	28.354 V		
4029.0	28.351 V	1030.0	2.88 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.86 V	1031.0	312.03 NS		
2031.0	346.72 NS	3031.0	374.48 NS	4031.0	331.85 NS		
1032.0	20.01 %	2032.0	22.59 %	3032.0	20.01 %		
4032.0	20.33 %	1033.0	0.299 V/US	2033.0	0.286 V/US		
3033.0	0.275 V/US	4033.0	0.289 V/US	1034.0	0.313 V/US		
2034.0	0.303 V/US	3034.0	0.289 V/US	4034.0	0.301 V/US		

DEVICE 5 BIN 1 HEAD 3 12:51 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	496.5 UA
900.0	0.75 MA	1001.0	-0.311 MV	2001.0	-0.097 MV
3001.0	-0.356 MV	4001.0	0.208 MV	1002.0	0.255 MV
2002.0	0.453 MV	3002.0	0.232 MV	4002.0	0.737 MV
1003.0	-0.29 MV	2003.0	-0.14 MV	3003.0	-0.35 MV
4003.0	0.22 MV	1004.0	-0.18 MV	2004.0	-0.05 MV
3004.0	-0.26 MV	4004.0	0.29 MV	1005.0	0.04 NA
2005.0	-0.04 NA	3005.0	0.14 NA	4005.0	-0.15 NA
1006.0	-0.23 NA	2006.0	-0.16 NA	3006.0	-0.03 NA
4006.0	-0.18 NA	1007.0	0.01 NA	2007.0	0.09 NA
3007.0	0.02 NA	4007.0	-0.18 NA	1008.0	-0.09 NA
2008.0	-0.00 NA	3008.0	0.12 NA	4008.0	-0.25 NA
1009.0	-21.03 NA	2009.0	-20.18 NA	3009.0	-20.13 NA
4009.0	-21.09 NA	1010.0	-11.52 NA	2010.0	-11.05 NA
3010.0	-11.00 NA	4010.0	-11.70 NA	1011.0	-13.90 NA
2011.0	-13.23 NA	3011.0	-13.42 NA	4011.0	-13.97 NA
1012.0	-12.79 NA	2012.0	-12.10 NA	3012.0	-12.23 NA
4012.0	-12.79 NA	1013.0	-21.07 NA	2013.0	-20.14 NA
3013.0	-20.26 NA	4013.0	-20.94 NA	1014.0	-11.29 NA
2014.0	-10.89 NA	3014.0	-10.98 NA	4014.0	-11.52 NA
1015.0	-13.90 NA	2015.0	-13.32 NA	3015.0	-13.44 NA
4015.0	-13.79 NA	116.0	-12.70 NA	216.0	-12.10 NA
316.0	-12.35 NA	416.0	-12.54 NA	1017.0	-1.43 UV
2017.0	1.81 UV	3017.0	-0.02 UV	4017.0	-0.40 UV
1018.0	93.90 DB	2018.0	94.14 DB	3018.0	93.56 DB
4018.0	94.47 DB	1019.0	-41.1 MA	2019.0	-40.1 MA
3019.0	-39.8 MA	4019.0	-39.9 MA	61.0	0.99 MA
1020.0	28.597 V	2020.0	28.596 V	3020.0	28.587 V
4020.0	28.585 V	1021.0	28.016 V	2021.0	28.014 V
3021.0	28.006 V	4021.0	28.009 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	168.10 V/MV	2023.0	201.58 V/MV	3023.0	223.76 V/MV
4023.0	161.21 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	1.645 MV	2026.0	1.580 MV	3026.0	1.174 MV
4026.0	1.203 MV	1027.0	0.882 V	2027.0	0.882 V
3027.0	0.880 V	4027.0	0.883 V	1028.0	9 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.357 V	2029.0	28.357 V	3029.0	28.348 V
4029.0	28.333 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	323.92 NS
2031.0	333.84 NS	3031.0	360.60 NS	4031.0	380.42 NS
1032.0	19.77 %	2032.0	23.25 %	3032.0	18.62 %
4032.0	18.05 %	1033.0	0.298 V/US	2033.0	0.288 V/US
3033.0	0.273 V/US	4033.0	0.285 V/US	1034.0	0.311 V/US
2034.0	0.303 V/US	3034.0	0.286 V/US	4034.0	0.295 V/US

DEVICE 6 BIN 1 HEAD 3 12:51 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	466.0 UA
900.0	0.77 MA	1001.0	-0.097 MV	2001.0	-0.310 MV
3001.0	-0.455 MV	4001.0	-0.200 MV	1002.0	0.435 MV
2002.0	0.239 MV	3002.0	0.036 MV	4002.0	0.387 MV
1003.0	-0.14 MV	2003.0	-0.29 MV	3003.0	-0.45 MV
4003.0	-0.21 MV	1004.0	-0.03 MV	2004.0	-0.20 MV
3004.0	-0.38 MV	4004.0	-0.13 MV	1005.0	0.06 NA
2005.0	0.10 NA	3005.0	-0.32 NA	4005.0	0.20 NA
1006.0	-0.14 NA	2006.0	-0.24 NA	3006.0	-0.27 NA
4006.0	-0.19 NA	1007.0	0.20 NA	2007.0	-0.19 NA
3007.0	-0.18 NA	4007.0	-0.05 NA	1008.0	0.06 NA
2008.0	-0.04 NA	3008.0	-0.27 NA	4008.0	0.08 NA
1009.0	-19.55 NA	2009.0	-18.74 NA	3009.0	-19.25 NA
4009.0	-19.73 NA	1010.0	-10.45 NA	2010.0	-10.28 NA
3010.0	-10.30 NA	4010.0	-10.63 NA	1011.0	-12.71 NA
2011.0	-12.28 NA	3011.0	-12.62 NA	4011.0	-13.08 NA
1012.0	-11.62 NA	2012.0	-11.10 NA	3012.0	-11.52 NA
4012.0	-11.93 NA	1013.0	-19.61 NA	2013.0	-18.84 NA
3013.0	-18.93 NA	4013.0	-19.93 NA	1014.0	-10.31 NA
2014.0	-10.04 NA	3014.0	-10.03 NA	4014.0	-10.44 NA
1015.0	-12.91 NA	2015.0	-12.09 NA	3015.0	-12.45 NA
4015.0	-13.03 NA	116.0	-11.68 NA	216.0	-11.06 NA
316.0	-11.26 NA	416.0	-12.01 NA	1017.0	1.10 UV
2017.0	-0.94 UV	3017.0	-0.44 UV	4017.0	0.03 UV
1018.0	94.43 DB	2018.0	94.16 DB	3018.0	95.12 DB
4018.0	93.57 DB	1019.0	-40.2 MA	2019.0	-40.2 MA
3019.0	-40.2 MA	4019.0	-39.3 MA	61.0	1.02 MA
1020.0	28.599 V	2020.0	28.595 V	3020.0	28.588 V
4020.0	28.585 V	1021.0	28.031 V	2021.0	28.028 V
3021.0	28.023 V	4021.0	28.022 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	177.12 V/MV	2023.0	205.60 V/MV	3023.0	176.28 V/MV
4023.0	158.76 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	1.575 MV	2026.0	1.613 MV	3026.0	1.327 MV
4026.0	1.291 MV	1027.0	0.879 V	2027.0	0.879 V
3027.0	0.877 V	4027.0	0.880 V	1028.0	8 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.358 V	2029.0	28.356 V	3029.0	28.347 V
4029.0	28.340 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	310.05 NS
2031.0	320.95 NS	3031.0	357.62 NS	4031.0	332.84 NS
1032.0	19.59 %	2032.0	23.25 %	3032.0	19.03 %
4032.0	19.59 %	1033.0	0.319 V/US	2033.0	0.313 V/US
3033.0	0.292 V/US	4033.0	0.305 V/US	1034.0	0.335 V/US
2034.0	0.329 V/US	3034.0	0.308 V/US	4034.0	0.320 V/US

DEVICE 7 BIN 1 HEAD 3 12:51 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	507.7 UA
900.0	0.77 MA	1001.0	-0.237 MV	2001.0	-0.193 MV
3001.0	-0.372 MV	4001.0	0.124 MV	1002.0	0.227 MV
2002.0	0.326 MV	3002.0	0.149 MV	4002.0	0.706 MV
1003.0	-0.28 MV	2003.0	-0.20 MV	3003.0	-0.30 MV
4003.0	0.10 MV	1004.0	-0.19 MV	2004.0	-0.11 MV
3004.0	-0.22 MV	4004.0	0.19 MV	1005.0	0.53 NA
2005.0	-0.15 NA	3005.0	-0.04 NA	4005.0	0.24 NA
1006.0	0.13 NA	2006.0	-0.35 NA	3006.0	-0.26 NA
4006.0	-0.12 NA	1007.0	0.28 NA	2007.0	-0.07 NA
3007.0	-0.08 NA	4007.0	-0.06 NA	1008.0	0.30 NA
2008.0	-0.16 NA	3008.0	-0.04 NA	4008.0	0.19 NA
1009.0	-20.17 NA	2009.0	-19.74 NA	3009.0	-19.83 NA
4009.0	-20.23 NA	1010.0	-10.54 NA	2010.0	-10.41 NA
3010.0	-10.35 NA	4010.0	-10.83 NA	1011.0	-13.19 NA
2011.0	-12.75 NA	3011.0	-12.90 NA	4011.0	-13.32 NA
1012.0	-12.08 NA	2012.0	-11.51 NA	3012.0	-11.82 NA
4012.0	-12.01 NA	1013.0	-20.70 NA	2013.0	-19.58 NA
3013.0	-19.79 NA	4013.0	-20.48 NA	1014.0	-10.67 NA
2014.0	-10.06 NA	3014.0	-10.09 NA	4014.0	-10.71 NA
1015.0	-13.47 NA	2015.0	-12.68 NA	3015.0	-12.82 NA
4015.0	-13.26 NA	116.0	-12.38 NA	216.0	-11.35 NA
316.0	-11.78 NA	416.0	-12.19 NA	1017.0	0.78 UV
2017.0	0.43 UV	3017.0	-2.42 UV	4017.0	0.87 UV
1018.0	95.61 DB	2018.0	94.65 DB	3018.0	94.62 DB
4018.0	93.64 DB	1019.0	-40.1 MA	2019.0	-40.7 MA
3019.0	-40.5 MA	4019.0	-39.3 MA	61.0	1.02 MA
1020.0	28.605 V	2020.0	28.602 V	3020.0	28.593 V
4020.0	28.591 V	1021.0	28.034 V	2021.0	28.030 V
3021.0	28.023 V	4021.0	28.027 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	147.58 V/MV	2023.0	188.37 V/MV	3023.0	223.20 V/MV
4023.0	156.61 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	1.712 MV	2026.0	1.609 MV	3026.0	1.251 MV
4026.0	1.115 MV	1027.0	0.879 V	2027.0	0.878 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	28.361 V	2029.0	28.361 V	3029.0	28.351 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	311.04 NS
2031.0	337.80 NS	3031.0	349.70 NS	4031.0	341.77 NS
1032.0	19.04 %	2032.0	22.35 %	3032.0	19.77 %
4032.0	19.27 %	1033.0	0.312 V/US	2033.0	0.302 V/US
3033.0	0.290 V/US	4033.0	0.298 V/US	1034.0	0.325 V/US
2034.0	0.316 V/US	3034.0	0.303 V/US	4034.0	0.311 V/US

DEVICE 8 BIN 1 HEAD 3 12:52 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	505.1 UA
900.0	0.75 MA	1001.0	-0.415 MV	2001.0	-0.146 MV
3001.0	-0.159 MV	4001.0	0.026 MV	1002.0	0.152 MV
2002.0	0.404 MV	3002.0	0.377 MV	4002.0	0.555 MV
1003.0	-0.40 MV	2003.0	-0.19 MV	3003.0	-0.16 MV
4003.0	0.03 MV	1004.0	-0.30 MV	2004.0	-0.09 MV
3004.0	-0.09 MV	4004.0	0.10 MV	1005.0	-0.00 NA
2005.0	-0.13 NA	3005.0	0.31 NA	4005.0	-0.07 NA
1006.0	-0.09 NA	2006.0	-0.15 NA	3006.0	0.02 NA
4006.0	-0.04 NA	1007.0	-0.18 NA	2007.0	0.03 NA
3007.0	-0.01 NA	4007.0	-0.08 NA	1008.0	-0.06 NA
2008.0	0.01 NA	3008.0	0.04 NA	4008.0	-0.09 NA
1009.0	-21.27 NA	2009.0	-20.38 NA	3009.0	-20.33 NA
4009.0	-21.33 NA	1010.0	-11.60 NA	2010.0	-11.12 NA
3010.0	-11.16 NA	4010.0	-11.82 NA	1011.0	-14.13 NA
2011.0	-13.32 NA	3011.0	-13.58 NA	4011.0	-14.07 NA
1012.0	-12.91 NA	2012.0	-12.13 NA	3012.0	-12.46 NA
4012.0	-12.83 NA	1013.0	-21.27 NA	2013.0	-20.25 NA
3013.0	-20.65 NA	4013.0	-21.26 NA	1014.0	-11.51 NA
2014.0	-10.97 NA	3014.0	-11.18 NA	4014.0	-11.78 NA
1015.0	-13.96 NA	2015.0	-13.36 NA	3015.0	-13.56 NA
4015.0	-13.99 NA	116.0	-12.85 NA	216.0	-12.14 NA
316.0	-12.50 NA	416.0	-12.75 NA	1017.0	-1.25 UV
2017.0	1.66 UV	3017.0	-0.08 UV	4017.0	-0.21 UV
1018.0	93.87 DB	2018.0	94.13 DB	3018.0	94.35 DB
4018.0	94.47 DB	1019.0	-41.0 MA	2019.0	-40.2 MA
3019.0	-40.1 MA	4019.0	-40.0 MA	61.0	0.99 MA
1020.0	28.596 V	2020.0	28.594 V	3020.0	28.587 V
4020.0	28.584 V	1021.0	28.019 V	2021.0	28.016 V
3021.0	28.011 V	4021.0	28.010 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	168.94 V/MV	2023.0	193.04 V/MV	3023.0	208.71 V/MV
4023.0	162.63 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	1.539 MV	2026.0	1.463 MV	3026.0	1.158 MV
4026.0	1.174 MV	1027.0	0.882 V	2027.0	0.882 V
3027.0	0.880 V	4027.0	0.884 V	1028.0	8 MV
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.356 V	2029.0	28.356 V	3029.0	28.348 V
4029.0	28.341 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	296.17 NS
2031.0	345.73 NS	3031.0	349.70 NS	4031.0	346.72 NS
1032.0	20.89 %	2032.0	22.35 %	3032.0	19.59 %
4032.0	18.80 %	1033.0	0.302 V/US	2033.0	0.289 V/US
3033.0	0.277 V/US	4033.0	0.285 V/US	1034.0	0.316 V/US
2034.0	0.305 V/US	3034.0	0.288 V/US	4034.0	0.297 V/US

10k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	01:01 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	504.0 UA		
900.0	0.77 MA	1001.0	0.401 MV	2001.0	-0.126 MV		
3001.0	-0.229 MV	4001.0	0.014 MV	1002.0	0.948 MV		
2002.0	0.399 MV	3002.0	0.338 MV	4002.0	0.566 MV		
1003.0	0.37 MV	2003.0	-0.15 MV	3003.0	-0.20 MV		
4003.0	-0.02 MV	1004.0	0.48 MV	2004.0	-0.06 MV		
3004.0	-0.12 MV	4004.0	0.06 MV	1005.0	-0.00 NA		
2005.0	0.16 NA	3005.0	-0.04 NA	4005.0	0.17 NA		
1006.0	-0.08 NA	2006.0	-0.09 NA	3006.0	-0.05 NA		
4006.0	-0.12 NA	1007.0	0.21 NA	2007.0	0.05 NA		
3007.0	0.11 NA	4007.0	-0.25 NA	1008.0	0.09 NA		
2008.0	0.03 NA	3008.0	-0.01 NA	4008.0	-0.17 NA		
1009.0	-17.39 NA	2009.0	-16.39 NA	3009.0	-16.14 NA		
4009.0	-17.07 NA	1010.0	-8.88 NA	2010.0	-8.64 NA		
3010.0	-8.39 NA	4010.0	-8.93 NA	1011.0	-10.94 NA		
2011.0	-10.50 NA	3011.0	-10.24 NA	4011.0	-11.19 NA		
1012.0	-10.13 NA	2012.0	-9.86 NA	3012.0	-9.65 NA		
4012.0	-10.23 NA	1013.0	-17.38 NA	2013.0	-16.55 NA		
3013.0	-16.09 NA	4013.0	-17.24 NA	1014.0	-8.80 NA		
2014.0	-8.55 NA	3014.0	-8.34 NA	4014.0	-8.82 NA		
1015.0	-11.15 NA	2015.0	-10.55 NA	3015.0	-10.36 NA		
4015.0	-10.93 NA	116.0	-10.22 NA	216.0	-9.89 NA		
316.0	-9.65 NA	416.0	-10.05 NA	1017.0	0.97 UV		
2017.0	0.80 UV	3017.0	-1.13 UV	4017.0	1.14 UV		
1018.0	94.18 DB	2018.0	94.53 DB	3018.0	93.87 DB		
4018.0	94.11 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02 MA		
1020.0	28.609 V	2020.0	28.607 V	3020.0	28.601 V		
4020.0	28.597 V	1021.0	28.017 V	2021.0	28.013 V		
3021.0	28.005 V	4021.0	28.010 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	172.95 V/MV	2023.0	181.63 V/MV	3023.0	186.21 V/MV		
4023.0	174.29 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	1.654 MV	3026.0	1.193 MV		
4026.0	1.269 MV	1027.0	0.873 V	2027.0	0.873 V		
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.369 V	2029.0	28.370 V	3029.0	28.359 V		
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	308.06 NS		
2031.0	335.82 NS	3031.0	351.68 NS	4031.0	313.02 NS		
1032.0	19.59 %	2032.0	22.03 %	3032.0	18.03 %		
4032.0	19.35 %	1033.0	0.322 V/US	2033.0	0.307 V/US		
3033.0	0.283 V/US	4033.0	0.301 V/US	1034.0	0.330 V/US		
2034.0	0.318 V/US	3034.0	0.294 V/US	4034.0	0.313 V/US		

DEVICE	2	BIN	1	HEAD 3	01:01 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	509.5 UA	
900.0	0.77 MA	1001.0	-0.059 MV	2001.0	-0.185 MV	
3001.0	0.045 MV	4001.0	0.003 MV	1002.0	0.477 MV	
2002.0	0.382 MV	3002.0	0.594 MV	4002.0	0.481 MV	
1003.0	-0.10 MV	2003.0	-0.19 MV	3003.0	0.04 MV	
4003.0	-0.01 MV	1004.0	0.01 MV	2004.0	-0.08 MV	
3004.0	0.12 MV	4004.0	0.06 MV	1005.0	0.21 NA	
2005.0	-0.00 NA	3005.0	0.09 NA	4005.0	0.12 NA	
1006.0	0.05 NA	2006.0	-0.12 NA	3006.0	-0.01 NA	
4006.0	-0.12 NA	1007.0	0.48 NA	2007.0	-0.22 NA	
3007.0	0.13 NA	4007.0	-0.16 NA	1008.0	0.18 NA	
2008.0	-0.04 NA	3008.0	0.04 NA	4008.0	0.09 NA	
1009.0	-17.35 NA	2009.0	-16.53 NA	3009.0	-16.67 NA	
4009.0	-17.19 NA	1010.0	-8.98 NA	2010.0	-8.80 NA	
3010.0	-8.80 NA	4010.0	-9.06 NA	1011.0	-10.98 NA	
2011.0	-10.61 NA	3011.0	-10.75 NA	4011.0	-11.27 NA	
1012.0	-10.02 NA	2012.0	-9.96 NA	3012.0	-9.99 NA	
4012.0	-10.05 NA	1013.0	-17.56 NA	2013.0	-16.53 NA	
3013.0	-16.76 NA	4013.0	-17.31 NA	1014.0	-9.04 NA	
2014.0	-8.68 NA	3014.0	-8.78 NA	4014.0	-8.94 NA	
1015.0	-11.46 NA	2015.0	-10.40 NA	3015.0	-10.88 NA	
4015.0	-11.10 NA	116.0	-10.20 NA	216.0	-9.93 NA	
316.0	-10.03 NA	416.0	-10.13 NA	1017.0	1.08 UV	
2017.0	-0.19 UV	3017.0	0.18 UV	4017.0	0.84 UV	
1018.0	94.35 DB	2018.0	93.87 DB	3018.0	94.15 DB	
4018.0	95.35 DB	1019.0	-39.8 MA	2019.0	-40.2 MA	
3019.0	-40.2 MA	4019.0	-39.0 MA	61.0	1.03 MA	
1020.0	28.614 V	2020.0	28.612 V	3020.0	28.604 V	
4020.0	28.601 V	1021.0	28.028 V	2021.0	28.024 V	
3021.0	28.018 V	4021.0	28.021 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	168.24 V/MV	2023.0	180.26 V/MV	3023.0	184.38 V/MV	
4023.0	170.26 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	1.686 MV	2026.0	1.631 MV	3026.0	1.279 MV	
4026.0	1.279 MV	1027.0	0.874 V	2027.0	0.874 V	
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV	
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV	
1029.0	28.372 V	2029.0	28.373 V	3029.0	28.362 V	
4029.0	28.357 V	1030.0	2.88 V	2030.0	2.88 V	
3030.0	2.87 V	4030.0	2.87 V	1031.0	300.13 NS	
2031.0	318.97 NS	3031.0	342.76 NS	4031.0	334.83 NS	
1032.0	22.59 %	2032.0	26.23 %	3032.0	21.48 %	
4032.0	20.73 %	1033.0	0.317 V/US	2033.0	0.306 V/US	
3033.0	0.293 V/US	4033.0	0.300 V/US	1034.0	0.330 V/US	
2034.0	0.317 V/US	3034.0	0.303 V/US	4034.0	0.311 V/US	

DEVICE 3 BIN 1 HEAD 3 01:01 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	458.0 UA
900.0	0.76 MA	1001.0	-0.077 MV	2001.0	-0.154 MV
3001.0	-0.258 MV	4001.0	-0.153 MV	1002.0	0.444 MV
2002.0	0.377 MV	3002.0	0.215 MV	4002.0	0.408 MV
1003.0	-0.13 MV	2003.0	-0.17 MV	3003.0	-0.26 MV
4003.0	-0.18 MV	1004.0	-0.03 MV	2004.0	-0.09 MV
3004.0	-0.19 MV	4004.0	-0.11 MV	1005.0	0.29 NA
2005.0	-0.32 NA	3005.0	0.08 NA	4005.0	-0.23 NA
1006.0	0.08 NA	2006.0	-0.33 NA	3006.0	-0.17 NA
4006.0	-0.23 NA	1007.0	0.10 NA	2007.0	-0.24 NA
3007.0	-0.10 NA	4007.0	0.03 NA	1008.0	0.24 NA
2008.0	-0.11 NA	3008.0	-0.14 NA	4008.0	0.20 NA
1009.0	-25.01 NA	2009.0	-24.02 NA	3009.0	-23.85 NA
4009.0	-24.85 NA	1010.0	-12.92 NA	2010.0	-13.16 NA
3010.0	-12.46 NA	4010.0	-13.82 NA	1011.0	-16.19 NA
2011.0	-16.45 NA	3011.0	-15.63 NA	4011.0	-17.12 NA
1012.0	-15.30 NA	2012.0	-14.21 NA	3012.0	-14.79 NA
4012.0	-14.74 NA	1013.0	-25.30 NA	2013.0	-23.70 NA
3013.0	-23.93 NA	4013.0	-24.61 NA	1014.0	-13.00 NA
2014.0	-12.83 NA	3014.0	-12.29 NA	4014.0	-13.59 NA
1015.0	-16.29 NA	2015.0	-16.21 NA	3015.0	-15.52 NA
4015.0	-17.15 NA	116.0	-15.54 NA	216.0	-14.10 NA
316.0	-14.65 NA	416.0	-14.94 NA	1017.0	1.43 UV
2017.0	0.61 UV	3017.0	0.13 UV	4017.0	1.32 UV
1018.0	94.60 DB	2018.0	94.43 DB	3018.0	95.43 DB
4018.0	93.96 DB	1019.0	-40.2 MA	2019.0	-40.4 MA
3019.0	-40.2 MA	4019.0	-39.4 MA	61.0	1.00 MA
1020.0	28.605 V	2020.0	28.602 V	3020.0	28.596 V
4020.0	28.592 V	1021.0	28.029 V	2021.0	28.021 V
3021.0	28.013 V	4021.0	28.019 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	171.07 V/MV	2023.0	203.85 V/MV	3023.0	196.00 V/MV
4023.0	158.82 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	1.682 MV	2026.0	1.645 MV	3026.0	1.234 MV
4026.0	1.269 MV	1027.0	0.878 V	2027.0	0.878 V
3027.0	0.877 V	4027.0	0.878 V	1028.0	9 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.363 V	2029.0	28.363 V	3029.0	28.352 V
4029.0	28.348 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.86 V	1031.0	317.98 NS
2031.0	340.77 NS	3031.0	371.50 NS	4031.0	352.67 NS
1032.0	19.59 %	2032.0	21.85 %	3032.0	19.03 %
4032.0	19.03 %	1033.0	0.309 V/US	2033.0	0.298 V/US
3033.0	0.276 V/US	4033.0	0.290 V/US	1034.0	0.321 V/US
2034.0	0.315 V/US	3034.0	0.286 V/US	4034.0	0.304 V/US

DEVICE	4	BIN	1	HEAD	3	01:02 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	453.5 UA		
900.0	0.75 MA	1001.0	-0.342 MV	2001.0	-0.315 MV		
3001.0	-0.392 MV	4001.0	-0.140 MV	1002.0	0.176 MV		
2002.0	0.198 MV	3002.0	0.115 MV	4002.0	0.398 MV		
1003.0	-0.36 MV	2003.0	-0.36 MV	3003.0	-0.40 MV		
4003.0	-0.14 MV	1004.0	-0.27 MV	2004.0	-0.27 MV		
3004.0	-0.34 MV	4004.0	-0.05 MV	1005.0	0.16 NA		
2005.0	0.05 NA	3005.0	0.32 NA	4005.0	-0.52 NA		
1006.0	0.06 NA	2006.0	-0.22 NA	3006.0	-0.05 NA		
4006.0	-0.38 NA	1007.0	-0.12 NA	2007.0	0.17 NA		
3007.0	-0.02 NA	4007.0	-0.05 NA	1008.0	0.28 NA		
2008.0	-0.43 NA	3008.0	0.31 NA	4008.0	-0.39 NA		
1009.0	-25.58 NA	2009.0	-24.75 NA	3009.0	-24.85 NA		
4009.0	-26.41 NA	1010.0	-13.88 NA	2010.0	-14.23 NA		
3010.0	-13.67 NA	4010.0	-15.24 NA	1011.0	-17.51 NA		
2011.0	-16.35 NA	3011.0	-16.99 NA	4011.0	-17.43 NA		
1012.0	-16.19 NA	2012.0	-14.88 NA	3012.0	-15.71 NA		
4012.0	-15.87 NA	1013.0	-25.74 NA	2013.0	-24.80 NA		
3013.0	-25.17 NA	4013.0	-25.89 NA	1014.0	-13.94 NA		
2014.0	-14.00 NA	3014.0	-13.62 NA	4014.0	-14.86 NA		
1015.0	-17.40 NA	2015.0	-16.52 NA	3015.0	-16.97 NA		
4015.0	-17.39 NA	116.0	-16.47 NA	216.0	-14.45 NA		
316.0	-16.02 NA	416.0	-15.48 NA	1017.0	0.13 UV		
2017.0	1.80 UV	3017.0	0.79 UV	4017.0	-0.47 UV		
1018.0	94.66 DB	2018.0	94.73 DB	3018.0	94.84 DB		
4018.0	94.33 DB	1019.0	-41.0 MA	2019.0	-39.9 MA		
3019.0	-39.6 MA	4019.0	-39.9 MA	61.0	0.98 MA		
1020.0	28.598 V	2020.0	28.597 V	3020.0	28.589 V		
4020.0	28.587 V	1021.0	28.018 V	2021.0	28.012 V		
3021.0	28.007 V	4021.0	28.010 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	164.13 V/MV	2023.0	193.24 V/MV	3023.0	211.91 V/MV		
4023.0	163.71 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	1.546 MV	2026.0	1.568 MV	3026.0	1.250 MV		
4026.0	1.174 MV	1027.0	0.884 V	2027.0	0.884 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	8 MV		
1029.0	28.359 V	2029.0	28.358 V	3029.0	28.348 V		
4029.0	28.344 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.85 V	1031.0	309.06 NS		
2031.0	340.77 NS	3031.0	369.52 NS	4031.0	359.61 NS		
1032.0	19.59 %	2032.0	23.99 %	3032.0	18.62 %		
4032.0	18.37 %	1033.0	0.297 V/US	2033.0	0.281 V/US		
3033.0	0.271 V/US	4033.0	0.283 V/US	1034.0	0.308 V/US		
2034.0	0.298 V/US	3034.0	0.285 V/US	4034.0	0.296 V/US		

DEVICE	5	BIN	1	HEAD	3	01:02 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	495.8 UA		
900.0	0.75 MA	1001.0	-0.382 MV	2001.0	-0.174 MV		
3001.0	-0.420 MV	4001.0	0.138 MV	1002.0	0.194 MV		
2002.0	0.376 MV	3002.0	0.171 MV	4002.0	0.665 MV		
1003.0	-0.37 MV	2003.0	-0.21 MV	3003.0	-0.42 MV		
4003.0	0.14 MV	1004.0	-0.25 MV	2004.0	-0.12 MV		
3004.0	-0.33 MV	4004.0	0.21 MV	1005.0	0.03 NA		
2005.0	0.34 NA	3005.0	0.10 NA	4005.0	-0.29 NA		
1006.0	-0.16 NA	2006.0	-0.13 NA	3006.0	-0.21 NA		
4006.0	-0.37 NA	1007.0	0.14 NA	2007.0	0.15 NA		
3007.0	-0.04 NA	4007.0	-0.19 NA	1008.0	0.09 NA		
2008.0	-0.04 NA	3008.0	-0.06 NA	4008.0	-0.30 NA		
1009.0	-26.13 NA	2009.0	-25.04 NA	3009.0	-25.20 NA		
4009.0	-26.41 NA	1010.0	-14.56 NA	2010.0	-14.12 NA		
3010.0	-14.14 NA	4010.0	-15.03 NA	1011.0	-17.57 NA		
2011.0	-16.81 NA	3011.0	-17.01 NA	4011.0	-17.88 NA		
1012.0	-16.19 NA	2012.0	-15.49 NA	3012.0	-15.67 NA		
4012.0	-16.34 NA	1013.0	-26.17 NA	2013.0	-25.38 NA		
3013.0	-25.30 NA	4013.0	-26.12 NA	1014.0	-14.40 NA		
2014.0	-13.99 NA	3014.0	-13.93 NA	4014.0	-14.66 NA		
1015.0	-17.71 NA	2015.0	-16.96 NA	3015.0	-16.97 NA		
4015.0	-17.69 NA	116.0	-16.28 NA	216.0	-15.45 NA		
316.0	-15.60 NA	416.0	-16.05 NA	1017.0	-1.15 UV		
2017.0	1.95 UV	3017.0	0.27 UV	4017.0	-0.15 UV		
1018.0	93.74 DB	2018.0	94.14 DB	3018.0	93.51 DB		
4018.0	94.51 DB	1019.0	-41.1 MA	2019.0	-40.1 MA		
3019.0	-39.8 MA	4019.0	-39.8 MA	61.0	0.98 MA		
1020.0	28.598 V	2020.0	28.596 V	3020.0	28.588 V		
4020.0	28.586 V	1021.0	28.014 V	2021.0	28.012 V		
3021.0	28.004 V	4021.0	28.005 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	160.57 V/MV	2023.0	192.64 V/MV	3023.0	216.48 V/MV		
4023.0	159.96 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	1.674 MV	2026.0	1.569 MV	3026.0	1.236 MV		
4026.0	1.081 MV	1027.0	0.884 V	2027.0	0.883 V		
3027.0	0.882 V	4027.0	0.884 V	1028.0	9 MV		
2028.0	9 MV	3028.0	9 MV	4028.0	8 MV		
1029.0	28.358 V	2029.0	28.358 V	3029.0	28.347 V		
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.85 V	1031.0	336.81 NS		
2031.0	352.67 NS	3031.0	382.40 NS	4031.0	356.63 NS		
1032.0	18.03 %	2032.0	22.59 %	3032.0	20.57 %		
4032.0	21.05 %	1033.0	0.297 V/US	2033.0	0.284 V/US		
3033.0	0.270 V/US	4033.0	0.280 V/US	1034.0	0.308 V/US		
2034.0	0.299 V/US	3034.0	0.283 V/US	4034.0	0.291 V/US		

DEVICE	6	BIN	1	HEAD	3	01:03 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	463.6 UA		
900.0	0.76 MA	1001.0	-0.167 MV	2001.0	-0.385 MV		
3001.0	-0.518 MV	4001.0	-0.263 MV	1002.0	0.363 MV		
2002.0	0.163 MV	3002.0	-0.020 MV	4002.0	0.332 MV		
1003.0	-0.22 MV	2003.0	-0.37 MV	3003.0	-0.51 MV		
4003.0	-0.26 MV	1004.0	-0.11 MV	2004.0	-0.28 MV		
3004.0	-0.45 MV	4004.0	-0.18 MV	1005.0	0.12 NA		
2005.0	0.12 NA	3005.0	-0.37 NA	4005.0	0.42 NA		
1006.0	-0.26 NA	2006.0	0.43 NA	3006.0	-0.76 NA		
4006.0	0.20 NA	1007.0	0.24 NA	2007.0	-0.24 NA		
3007.0	-0.02 NA	4007.0	-0.14 NA	1008.0	0.01 NA		
2008.0	0.05 NA	3008.0	-0.38 NA	4008.0	0.28 NA		
1009.0	-25.59 NA	2009.0	-24.57 NA	3009.0	-25.18 NA		
4009.0	-25.61 NA	1010.0	-14.55 NA	2010.0	-12.44 NA		
3010.0	-14.43 NA	4010.0	-13.41 NA	1011.0	-16.97 NA		
2011.0	-16.59 NA	3011.0	-16.65 NA	4011.0	-17.59 NA		
1012.0	-15.31 NA	2012.0	-15.34 NA	3012.0	-15.09 NA		
4012.0	-16.41 NA	1013.0	-25.71 NA	2013.0	-24.68 NA		
3013.0	-24.81 NA	4013.0	-26.03 NA	1014.0	-14.30 NA		
2014.0	-12.88 NA	3014.0	-13.68 NA	4014.0	-13.61 NA		
1015.0	-17.21 NA	2015.0	-16.35 NA	3015.0	-16.63 NA		
4015.0	-17.45 NA	116.0	-15.32 NA	216.0	-15.39 NA		
316.0	-14.71 NA	416.0	-16.69 NA	1017.0	1.30 UV		
2017.0	-0.62 UV	3017.0	-0.14 UV	4017.0	-0.01 UV		
1018.0	94.46 DB	2018.0	94.17 DB	3018.0	95.00 DB		
4018.0	93.45 DB	1019.0	-40.1 MA	2019.0	-40.1 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.01 MA		
1020.0	28.600 V	2020.0	28.597 V	3020.0	28.589 V		
4020.0	28.588 V	1021.0	28.029 V	2021.0	28.024 V		
3021.0	28.021 V	4021.0	28.020 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	170.03 V/MV	2023.0	206.24 V/MV	3023.0	174.90 V/MV		
4023.0	152.77 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	1.682 MV	2026.0	1.628 MV	3026.0	1.269 MV		
4026.0	1.348 MV	1027.0	0.881 V	2027.0	0.881 V		
3027.0	0.878 V	4027.0	0.880 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.358 V	2029.0	28.356 V	3029.0	28.347 V		
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.85 V	1031.0	305.09 NS		
2031.0	315.00 NS	3031.0	362.58 NS	4031.0	345.73 NS		
1032.0	20.89 %	2032.0	23.01 %	3032.0	18.66 %		
4032.0	19.59 %	1033.0	0.317 V/US	2033.0	0.308 V/US		
3033.0	0.288 V/US	4033.0	0.299 V/US	1034.0	0.329 V/US		
2034.0	0.326 V/US	3034.0	0.303 V/US	4034.0	0.314 V/US		

DEVICE 7 BIN 1 HEAD 3 01:03 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	511.2 UA
900.0	0.76 MA	1001.0	-0.300 MV	2001.0	-0.251 MV
3001.0	-0.434 MV	4001.0	0.077 MV	1002.0	0.176 MV
2002.0	0.270 MV	3002.0	0.086 MV	4002.0	0.657 MV
1003.0	-0.34 MV	2003.0	-0.27 MV	3003.0	-0.38 MV
4003.0	0.05 MV	1004.0	-0.25 MV	2004.0	-0.18 MV
3004.0	-0.30 MV	4004.0	0.14 MV	1005.0	0.60 NA
2005.0	-0.43 NA	3005.0	0.02 NA	4005.0	0.23 NA
1006.0	0.20 NA	2006.0	-0.35 NA	3006.0	-0.04 NA
4006.0	-0.08 NA	1007.0	0.46 NA	2007.0	-0.22 NA
3007.0	-0.08 NA	4007.0	0.04 NA	1008.0	0.28 NA
2008.0	-0.16 NA	3008.0	-0.10 NA	4008.0	0.11 NA
1009.0	-25.24 NA	2009.0	-24.62 NA	3009.0	-24.71 NA
4009.0	-25.06 NA	1010.0	-13.38 NA	2010.0	-13.23 NA
3010.0	-13.19 NA	4010.0	-13.61 NA	1011.0	-16.66 NA
2011.0	-16.43 NA	3011.0	-16.35 NA	4011.0	-16.87 NA
1012.0	-15.31 NA	2012.0	-14.77 NA	3012.0	-15.02 NA
4012.0	-15.22 NA	1013.0	-25.84 NA	2013.0	-24.19 NA
3013.0	-24.73 NA	4013.0	-25.30 NA	1014.0	-13.58 NA
2014.0	-12.88 NA	3014.0	-13.15 NA	4014.0	-13.53 NA
1015.0	-17.12 NA	2015.0	-16.22 NA	3015.0	-16.27 NA
4015.0	-16.91 NA	116.0	-15.59 NA	216.0	-14.61 NA
316.0	-14.92 NA	416.0	-15.32 NA	1017.0	0.94 UV
2017.0	0.58 UV	3017.0	-2.15 UV	4017.0	0.80 UV
1018.0	95.38 DB	2018.0	94.59 DB	3018.0	94.63 DB
4018.0	93.67 DB	1019.0	-40.1 MA	2019.0	-40.6 MA
3019.0	-40.4 MA	4019.0	-39.2 MA	61.0	1.01 MA
1020.0	28.605 V	2020.0	28.603 V	3020.0	28.595 V
4020.0	28.592 V	1021.0	28.032 V	2021.0	28.027 V
3021.0	28.019 V	4021.0	28.024 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	149.79 V/MV	2023.0	192.28 V/MV	3023.0	212.71 V/MV
4023.0	157.88 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	1.613 MV	2026.0	1.645 MV	3026.0	1.415 MV
4026.0	1.308 MV	1027.0	0.879 V	2027.0	0.878 V
3027.0	0.877 V	4027.0	0.878 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.364 V	2029.0	28.365 V	3029.0	28.353 V
4029.0	28.349 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.86 V	1031.0	315.00 NS
2031.0	321.94 NS	3031.0	342.76 NS	4031.0	355.64 NS
1032.0	19.03 %	2032.0	22.78 %	3032.0	20.33 %
4032.0	20.33 %	1033.0	0.311 V/US	2033.0	0.297 V/US
3033.0	0.285 V/US	4033.0	0.294 V/US	1034.0	0.321 V/US
2034.0	0.313 V/US	3034.0	0.298 V/US	4034.0	0.307 V/US

DEVICE	8	BIN	1	HEAD	3	01:03 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	456.7 UA		
900.0	0.75 MA	1001.0	-0.487 MV	2001.0	-0.214 MV		
3001.0	-0.240 MV	4001.0	-0.034 MV	1002.0	0.078 MV		
2002.0	0.344 MV	3002.0	0.301 MV	4002.0	0.498 MV		
1003.0	-0.49 MV	2003.0	-0.25 MV	3003.0	-0.24 MV		
4003.0	-0.04 MV	1004.0	-0.38 MV	2004.0	-0.16 MV		
3004.0	-0.18 MV	4004.0	0.04 MV	1005.0	0.03 NA		
2005.0	-0.10 NA	3005.0	0.21 NA	4005.0	0.15 NA		
1006.0	-0.12 NA	2006.0	-0.33 NA	3006.0	-0.06 NA		
4006.0	-0.06 NA	1007.0	-0.04 NA	2007.0	-0.01 NA		
3007.0	0.08 NA	4007.0	0.05 NA	1008.0	0.05 NA		
2008.0	-0.25 NA	3008.0	0.09 NA	4008.0	-0.03 NA		
1009.0	-26.22 NA	2009.0	-25.22 NA	3009.0	-25.10 NA		
4009.0	-26.21 NA	1010.0	-14.64 NA	2010.0	-14.29 NA		
3010.0	-14.02 NA	4010.0	-14.90 NA	1011.0	-17.58 NA		
2011.0	-16.95 NA	3011.0	-16.91 NA	4011.0	-17.80 NA		
1012.0	-16.19 NA	2012.0	-15.57 NA	3012.0	-15.57 NA		
4012.0	-16.29 NA	1013.0	-26.24 NA	2013.0	-25.12 NA		
3013.0	-25.32 NA	4013.0	-26.37 NA	1014.0	-14.52 NA		
2014.0	-13.96 NA	3014.0	-13.97 NA	4014.0	-14.84 NA		
1015.0	-17.54 NA	2015.0	-16.94 NA	3015.0	-16.99 NA		
4015.0	-17.85 NA	116.0	-16.24 NA	216.0	-15.32 NA		
316.0	-15.66 NA	416.0	-16.26 NA	1017.0	-0.89 UV		
2017.0	1.68 UV	3017.0	0.21 UV	4017.0	-0.05 UV		
1018.0	93.90 DB	2018.0	94.01 DB	3018.0	94.28 DB		
4018.0	94.43 DB	1019.0	-41.0 MA	2019.0	-40.1 MA		
3019.0	-40.1 MA	4019.0	-40.0 MA	61.0	0.98 MA		
1020.0	28.597 V	2020.0	28.596 V	3020.0	28.587 V		
4020.0	28.585 V	1021.0	28.017 V	2021.0	28.015 V		
3021.0	28.008 V	4021.0	28.009 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	164.09 V/MV	2023.0	187.24 V/MV	3023.0	201.95 V/MV		
4023.0	164.66 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	1.539 MV	2026.0	1.556 MV	3026.0	1.269 MV		
4026.0	1.229 MV	1027.0	0.884 V	2027.0	0.884 V		
3027.0	0.881 V	4027.0	0.883 V	1028.0	9 MV		
2028.0	9 MV	3028.0	9 MV	4028.0	8 MV		
1029.0	28.356 V	2029.0	28.357 V	3029.0	28.349 V		
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.85 V	1031.0	304.10 NS		
2031.0	342.76 NS	3031.0	363.57 NS	4031.0	350.69 NS		
1032.0	19.77 %	2032.0	22.59 %	3032.0	19.03 %		
4032.0	19.77 %	1033.0	0.301 V/US	2033.0	0.285 V/US		
3033.0	0.274 V/US	4033.0	0.282 V/US	1034.0	0.313 V/US		
2034.0	0.302 V/US	3034.0	0.287 V/US	4034.0	0.295 V/US		

30k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	01:16 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.7 UA		
900.0	0.76 MA	1001.0	0.409 MV	2001.0	-0.129 MV		
3001.0	-0.227 MV	4001.0	0.007 MV	1002.0	0.942 MV		
2002.0	0.399 MV	3002.0	0.342 MV	4002.0	0.557 MV		
1003.0	0.37 MV	2003.0	-0.15 MV	3003.0	-0.19 MV		
4003.0	-0.02 MV	1004.0	0.47 MV	2004.0	-0.05 MV		
3004.0	-0.12 MV	4004.0	0.06 MV	1005.0	0.35 NA		
2005.0	-0.18 NA	3005.0	0.24 NA	4005.0	-0.25 NA		
1006.0	-0.12 NA	2006.0	-0.14 NA	3006.0	-0.02 NA		
4006.0	-0.12 NA	1007.0	-0.04 NA	2007.0	0.23 NA		
3007.0	0.03 NA	4007.0	0.16 NA	1008.0	0.13 NA		
2008.0	-0.03 NA	3008.0	-0.01 NA	4008.0	0.04 NA		
1009.0	-17.23 NA	2009.0	-16.62 NA	3009.0	-16.01 NA		
4009.0	-17.31 NA	1010.0	-8.90 NA	2010.0	-8.67 NA		
3010.0	-8.38 NA	4010.0	-8.93 NA	1011.0	-11.11 NA		
2011.0	-10.42 NA	3011.0	-10.37 NA	4011.0	-11.07 NA		
1012.0	-10.05 NA	2012.0	-9.89 NA	3012.0	-9.65 NA		
4012.0	-10.12 NA	1013.0	-17.58 NA	2013.0	-16.44 NA		
3013.0	-16.25 NA	4013.0	-17.06 NA	1014.0	-8.78 NA		
2014.0	-8.54 NA	3014.0	-8.36 NA	4014.0	-8.82 NA		
1015.0	-11.07 NA	2015.0	-10.65 NA	3015.0	-10.40 NA		
4015.0	-11.23 NA	116.0	-10.18 NA	216.0	-9.86 NA		
316.0	-9.64 NA	416.0	-10.15 NA	1017.0	0.92 UV		
2017.0	0.80 UV	3017.0	-1.10 UV	4017.0	1.16 UV		
1018.0	94.41 DB	2018.0	94.48 DB	3018.0	93.84 DB		
4018.0	94.13 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02 MA		
1020.0	28.612 V	2020.0	28.610 V	3020.0	28.603 V		
4020.0	28.599 V	1021.0	28.026 V	2021.0	28.021 V		
3021.0	28.013 V	4021.0	28.019 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	166.53 V/MV	2023.0	179.63 V/MV	3023.0	189.19 V/MV		
4023.0	175.92 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	1.613 MV	2026.0	1.632 MV	3026.0	1.203 MV		
4026.0	1.327 MV	1027.0	0.873 V	2027.0	0.873 V		
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.372 V	2029.0	28.371 V	3029.0	28.362 V		
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.87 V	1031.0	303.11 NS		
2031.0	372.49 NS	3031.0	339.78 NS	4031.0	330.86 NS		
1032.0	20.98 %	2032.0	25.99 %	3032.0	21.72 %		
4032.0	20.15 %	1033.0	0.321 V/US	2033.0	0.303 V/US		
3033.0	0.280 V/US	4033.0	0.297 V/US	1034.0	0.329 V/US		
2034.0	0.315 V/US	3034.0	0.291 V/US	4034.0	0.309 V/US		

DEVICE	2	BIN	1	HEAD	3	01:17 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	509.0 UA		
900.0	0.77 MA	1001.0	-0.060 MV	2001.0	-0.188 MV		
3001.0	0.043 MV	4001.0	-0.004 MV	1002.0	0.479 MV		
2002.0	0.377 MV	3002.0	0.587 MV	4002.0	0.476 MV		
1003.0	-0.10 MV	2003.0	-0.18 MV	3003.0	0.04 MV		
4003.0	-0.02 MV	1004.0	0.01 MV	2004.0	-0.08 MV		
3004.0	0.12 MV	4004.0	0.06 MV	1005.0	0.57 NA		
2005.0	-0.20 NA	3005.0	0.25 NA	4005.0	-0.05 NA		
1006.0	0.04 NA	2006.0	-0.15 NA	3006.0	0.01 NA		
4006.0	-0.11 NA	1007.0	0.23 NA	2007.0	0.08 NA		
3007.0	0.08 NA	4007.0	0.03 NA	1008.0	0.11 NA		
2008.0	-0.02 NA	3008.0	0.04 NA	4008.0	-0.18 NA		
1009.0	-17.21 NA	2009.0	-16.67 NA	3009.0	-16.58 NA		
4009.0	-17.31 NA	1010.0	-8.99 NA	2010.0	-8.80 NA		
3010.0	-8.77 NA	4010.0	-9.06 NA	1011.0	-11.04 NA		
2011.0	-10.53 NA	3011.0	-10.65 NA	4011.0	-11.16 NA		
1012.0	-10.18 NA	2012.0	-9.97 NA	3012.0	-9.96 NA		
4012.0	-10.22 NA	1013.0	-17.77 NA	2013.0	-16.47 NA		
3013.0	-16.83 NA	4013.0	-17.27 NA	1014.0	-9.04 NA		
2014.0	-8.64 NA	3014.0	-8.78 NA	4014.0	-8.95 NA		
1015.0	-11.27 NA	2015.0	-10.61 NA	3015.0	-10.73 NA		
4015.0	-11.19 NA	116.0	-10.29 NA	216.0	-9.95 NA		
316.0	-10.00 NA	416.0	-10.04 NA	1017.0	1.09 UV		
2017.0	-0.17 UV	3017.0	0.24 UV	4017.0	0.78 UV		
1018.0	94.31 DB	2018.0	93.90 DB	3018.0	94.24 DB		
4018.0	95.32 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.3 MA	4019.0	-39.1 MA	61.0	1.03 MA		
1020.0	28.612 V	2020.0	28.610 V	3020.0	28.601 V		
4020.0	28.599 V	1021.0	28.030 V	2021.0	28.025 V		
3021.0	28.020 V	4021.0	28.022 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	165.87 V/MV	2023.0	180.27 V/MV	3023.0	187.36 V/MV		
4023.0	167.31 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	1.632 MV	2026.0	1.596 MV	3026.0	1.250 MV		
4026.0	1.327 MV	1027.0	0.874 V	2027.0	0.874 V		
3027.0	0.872 V	4027.0	0.873 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.370 V	2029.0	28.371 V	3029.0	28.360 V		
4029.0	28.356 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	307.07 NS		
2031.0	337.80 NS	3031.0	357.62 NS	4031.0	346.72 NS		
1032.0	21.85 %	2032.0	23.57 %	3032.0	19.59 %		
4032.0	19.03 %	1033.0	0.316 V/US	2033.0	0.306 V/US		
3033.0	0.293 V/US	4033.0	0.299 V/US	1034.0	0.329 V/US		
2034.0	0.317 V/US	3034.0	0.302 V/US	4034.0	0.311 V/US		

DEVICE	3	BIN	1	HEAD	3	01:17 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	455.1 UA		
900.0	0.86 MA	1001.0	-0.205 MV	2001.0	-0.290 MV		
3001.0	-0.385 MV	4001.0	-0.278 MV	1002.0	0.300 MV		
2002.0	0.248 MV	3002.0	0.096 MV	4002.0	0.289 MV		
1003.0	-0.26 MV	2003.0	-0.33 MV	3003.0	-0.41 MV		
4003.0	-0.32 MV	1004.0	-0.16 MV	2004.0	-0.23 MV		
3004.0	-0.34 MV	4004.0	-0.25 MV	1005.0	-0.10 NA		
2005.0	-0.55 NA	3005.0	-0.04 NA	4005.0	0.39 NA		
1006.0	-0.22 NA	2006.0	-0.39 NA	3006.0	-0.44 NA		
4006.0	0.29 NA	1007.0	-0.05 NA	2007.0	-0.21 NA		
3007.0	-0.16 NA	4007.0	0.27 NA	1008.0	-0.08 NA		
2008.0	-0.35 NA	3008.0	-0.01 NA	4008.0	0.08 NA		
1009.0	-32.29 NA	2009.0	-31.82 NA	3009.0	-30.62 NA		
4009.0	-32.53 NA	1010.0	-17.71 NA	2010.0	-17.23 NA		
3010.0	-16.94 NA	4010.0	-17.71 NA	1011.0	-21.89 NA		
2011.0	-21.22 NA	3011.0	-20.98 NA	4011.0	-21.96 NA		
1012.0	-19.90 NA	2012.0	-19.63 NA	3012.0	-19.04 NA		
4012.0	-20.23 NA	1013.0	-32.19 NA	2013.0	-31.27 NA		
3013.0	-30.58 NA	4013.0	-32.92 NA	1014.0	-17.49 NA		
2014.0	-16.84 NA	3014.0	-16.50 NA	4014.0	-18.00 NA		
1015.0	-21.84 NA	2015.0	-21.01 NA	3015.0	-20.83 NA		
4015.0	-22.23 NA	116.0	-19.82 NA	216.0	-19.28 NA		
316.0	-19.03 NA	416.0	-20.32 NA	1017.0	1.63 UV		
2017.0	1.21 UV	3017.0	0.65 UV	4017.0	1.68 UV		
1018.0	94.89 DB	2018.0	94.34 DB	3018.0	95.29 DB		
4018.0	93.87 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.3 MA	61.0	1.05 MA		
1020.0	28.605 V	2020.0	28.601 V	3020.0	28.593 V		
4020.0	28.591 V	1021.0	28.019 V	2021.0	28.010 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	145.59 V/MV	2023.0	171.89 V/MV	3023.0	163.38 V/MV		
4023.0	144.37 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	1.798 MV	2026.0	1.712 MV	3026.0	1.377 MV		
4026.0	1.504 MV	1027.0	0.880 V	2027.0	0.880 V		
3027.0	0.879 V	4027.0	0.880 V	1028.0	7 MV		
2028.0	7 MV	3028.0	7 MV	4028.0	7 MV		
1029.0	28.364 V	2029.0	28.364 V	3029.0	28.353 V		
4029.0	28.349 V	1030.0	2.88 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.86 V	1031.0	288.24 NS		
2031.0	331.85 NS	3031.0	362.58 NS	4031.0	359.61 NS		
1032.0	22.03 %	2032.0	23.75 %	3032.0	19.59 %		
4032.0	19.35 %	1033.0	0.310 V/US	2033.0	0.293 V/US		
3033.0	0.273 V/US	4033.0	0.287 V/US	1034.0	0.318 V/US		
2034.0	0.312 V/US	3034.0	0.283 V/US	4034.0	0.301 V/US		

DEVICE 4 BIN 1 HEAD 3 01:17 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	450.6 UA
900.0	0.86 MA	1001.0	-0.478 MV	2001.0	-0.459 MV
3001.0	-0.517 MV	4001.0	-0.250 MV	1002.0	0.044 MV
2002.0	0.054 MV	3002.0	-0.016 MV	4002.0	0.278 MV
1003.0	-0.53 MV	2003.0	-0.53 MV	3003.0	-0.56 MV
4003.0	-0.27 MV	1004.0	-0.43 MV	2004.0	-0.45 MV
3004.0	-0.49 MV	4004.0	-0.19 MV	1005.0	0.17 NA
2005.0	0.32 NA	3005.0	0.16 NA	4005.0	-0.11 NA
1006.0	-0.13 NA	2006.0	0.02 NA	3006.0	-0.18 NA
4006.0	-0.31 NA	1007.0	0.02 NA	2007.0	0.30 NA
3007.0	-0.02 NA	4007.0	-0.18 NA	1008.0	0.05 NA
2008.0	0.07 NA	3008.0	-0.08 NA	4008.0	-0.23 NA
1009.0	-32.89 NA	2009.0	-31.73 NA	3009.0	-32.08 NA
4009.0	-33.41 NA	1010.0	-18.93 NA	2010.0	-18.16 NA
3010.0	-18.61 NA	4010.0	-19.31 NA	1011.0	-22.51 NA
2011.0	-21.74 NA	3011.0	-22.00 NA	4011.0	-23.13 NA
1012.0	-20.71 NA	2012.0	-20.09 NA	3012.0	-20.23 NA
4012.0	-21.34 NA	1013.0	-33.06 NA	2013.0	-32.05 NA
3013.0	-32.24 NA	4013.0	-33.30 NA	1014.0	-18.81 NA
2014.0	-18.18 NA	3014.0	-18.43 NA	4014.0	-19.00 NA
1015.0	-22.53 NA	2015.0	-22.05 NA	3015.0	-21.98 NA
4015.0	-22.95 NA	116.0	-20.76 NA	216.0	-20.15 NA
316.0	-20.14 NA	416.0	-21.10 NA	1017.0	0.86 UV
2017.0	2.25 UV	3017.0	1.27 UV	4017.0	0.07 UV
1018.0	94.58 DB	2018.0	94.74 DB	3018.0	94.93 DB
4018.0	94.49 DB	1019.0	-40.9 MA	2019.0	-39.8 MA
3019.0	-39.5 MA	4019.0	-39.8 MA	61.0	1.03 MA
1020.0	28.597 V	2020.0	28.595 V	3020.0	28.588 V
4020.0	28.583 V	1021.0	28.002 V	2021.0	28.000 V
3021.0	27.992 V	4021.0	27.994 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	139.90 V/MV	2023.0	160.72 V/MV	3023.0	185.54 V/MV
4023.0	139.65 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	1.728 MV	2026.0	1.645 MV	3026.0	1.327 MV
4026.0	1.427 MV	1027.0	0.885 V	2027.0	0.885 V
3027.0	0.883 V	4027.0	0.885 V	1028.0	7 MV
2028.0	8 MV	3028.0	7 MV	4028.0	7 MV
1029.0	28.358 V	2029.0	28.358 V	3029.0	28.347 V
4029.0	28.340 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	336.81 NS
2031.0	356.63 NS	3031.0	359.61 NS	4031.0	365.55 NS
1032.0	21.30 %	2032.0	20.55 %	3032.0	17.36 %
4032.0	18.10 %	1033.0	0.297 V/US	2033.0	0.272 V/US
3033.0	0.264 V/US	4033.0	0.274 V/US	1034.0	0.306 V/US
2034.0	0.290 V/US	3034.0	0.277 V/US	4034.0	0.288 V/US

DEVICE 5 BIN 1 HEAD 3 01:18 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	450.8 UA
900.0	0.89 MA	1001.0	-0.514 MV	2001.0	-0.310 MV
3001.0	-0.552 MV	4001.0	0.014 MV	1002.0	0.049 MV
2002.0	0.243 MV	3002.0	0.036 MV	4002.0	0.532 MV
1003.0	-0.53 MV	2003.0	-0.38 MV	3003.0	-0.57 MV
4003.0	-0.01 MV	1004.0	-0.42 MV	2004.0	-0.28 MV
3004.0	-0.49 MV	4004.0	0.06 MV	1005.0	-0.25 NA
2005.0	0.50 NA	3005.0	0.11 NA	4005.0	-0.14 NA
1006.0	-0.29 NA	2006.0	-0.05 NA	3006.0	0.08 NA
4006.0	-0.43 NA	1007.0	0.09 NA	2007.0	0.12 NA
3007.0	0.04 NA	4007.0	-0.45 NA	1008.0	-0.43 NA
2008.0	0.63 NA	3008.0	-0.25 NA	4008.0	0.07 NA
1009.0	-33.62 NA	2009.0	-32.08 NA	3009.0	-32.29 NA
4009.0	-33.55 NA	1010.0	-19.55 NA	2010.0	-18.07 NA
3010.0	-18.74 NA	4010.0	-19.12 NA	1011.0	-22.80 NA
2011.0	-22.23 NA	3011.0	-22.13 NA	4011.0	-23.56 NA
1012.0	-20.91 NA	2012.0	-20.59 NA	3012.0	-20.21 NA
4012.0	-21.77 NA	1013.0	-33.36 NA	2013.0	-32.58 NA
3013.0	-32.40 NA	4013.0	-33.41 NA	1014.0	-19.26 NA
2014.0	-18.02 NA	3014.0	-18.82 NA	4014.0	-18.69 NA
1015.0	-22.90 NA	2015.0	-22.35 NA	3015.0	-22.17 NA
4015.0	-23.11 NA	116.0	-20.49 NA	216.0	-21.22 NA
316.0	-19.96 NA	416.0	-21.84 NA	1017.0	-0.52 UV
2017.0	2.48 UV	3017.0	0.72 UV	4017.0	0.40 UV
1018.0	93.93 DB	2018.0	94.09 DB	3018.0	93.56 DB
4018.0	94.65 DB	1019.0	-41.0 MA	2019.0	-40.0 MA
3019.0	-39.7 MA	4019.0	-39.7 MA	61.0	1.04 MA
1020.0	28.594 V	2020.0	28.592 V	3020.0	28.586 V
4020.0	28.581 V	1021.0	27.992 V	2021.0	27.992 V
3021.0	27.986 V	4021.0	27.985 V	1022.0	490.45 V/MV
2022.0	502.58 V/MV	3022.0	500.68 V/MV	4022.0	507.45 V/MV
1023.0	132.57 V/MV	2023.0	168.65 V/MV	3023.0	186.47 V/MV
4023.0	133.40 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	1.740 MV	3026.0	1.346 MV
4026.0	1.422 MV	1027.0	0.886 V	2027.0	0.886 V
3027.0	0.884 V	4027.0	0.884 V	1028.0	7 MV
2028.0	7 MV	3028.0	7 MV	4028.0	6 MV
1029.0	28.352 V	2029.0	28.354 V	3029.0	28.344 V
4029.0	28.340 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	372.49 NS
2031.0	353.66 NS	3031.0	369.52 NS	4031.0	369.52 NS
1032.0	12.83 %	2032.0	21.48 %	3032.0	18.37 %
4032.0	18.10 %	1033.0	0.296 V/US	2033.0	0.281 V/US
3033.0	0.269 V/US	4033.0	0.278 V/US	1034.0	0.306 V/US
2034.0	0.297 V/US	3034.0	0.281 V/US	4034.0	0.290 V/US

DEVICE	6	BIN	1	HEAD	3	01:18 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	459.6 UA		
900.0	0.86 MA	1001.0	-0.301 MV	2001.0	-0.523 MV		
3001.0	-0.646 MV	4001.0	-0.405 MV	1002.0	0.229 MV		
2002.0	0.020 MV	3002.0	-0.144 MV	4002.0	0.201 MV		
1003.0	-0.36 MV	2003.0	-0.53 MV	3003.0	-0.66 MV		
4003.0	-0.42 MV	1004.0	-0.26 MV	2004.0	-0.45 MV		
3004.0	-0.59 MV	4004.0	-0.34 MV	1005.0	0.51 NA		
2005.0	-0.13 NA	3005.0	-0.48 NA	4005.0	0.16 NA		
1006.0	0.20 NA	2006.0	-0.30 NA	3006.0	-0.30 NA		
4006.0	-0.11 NA	1007.0	0.35 NA	2007.0	-0.07 NA		
3007.0	-0.35 NA	4007.0	0.04 NA	1008.0	0.39 NA		
2008.0	-0.13 NA	3008.0	-0.34 NA	4008.0	-0.01 NA		
1009.0	-34.16 NA	2009.0	-33.25 NA	3009.0	-33.94 NA		
4009.0	-34.30 NA	1010.0	-19.06 NA	2010.0	-18.51 NA		
3010.0	-18.89 NA	4010.0	-19.41 NA	1011.0	-23.13 NA		
2011.0	-22.70 NA	3011.0	-23.11 NA	4011.0	-23.67 NA		
1012.0	-21.22 NA	2012.0	-20.78 NA	3012.0	-21.18 NA		
4012.0	-21.71 NA	1013.0	-34.67 NA	2013.0	-33.12 NA		
3013.0	-33.46 NA	4013.0	-34.46 NA	1014.0	-19.27 NA		
2014.0	-18.21 NA	3014.0	-18.59 NA	4014.0	-19.31 NA		
1015.0	-23.49 NA	2015.0	-22.64 NA	3015.0	-22.76 NA		
4015.0	-23.71 NA	116.0	-21.61 NA	216.0	-20.65 NA		
316.0	-20.84 NA	416.0	-21.70 NA	1017.0	1.41 UV		
2017.0	-0.22 UV	3017.0	0.26 UV	4017.0	0.27 UV		
1018.0	94.45 DB	2018.0	94.26 DB	3018.0	94.93 DB		
4018.0	93.28 DB	1019.0	-40.0 MA	2019.0	-40.0 MA		
3019.0	-40.0 MA	4019.0	-39.1 MA	61.0	1.05 MA		
1020.0	28.597 V	2020.0	28.593 V	3020.0	28.586 V		
4020.0	28.585 V	1021.0	28.019 V	2021.0	28.012 V		
3021.0	28.007 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	159.56 V/MV	2023.0	167.01 V/MV	3023.0	149.46 V/MV		
4023.0	140.84 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	1.728 MV	2026.0	1.721 MV	3026.0	1.422 MV		
4026.0	1.355 MV	1027.0	0.884 V	2027.0	0.884 V		
3027.0	0.882 V	4027.0	0.883 V	1028.0	8 MV		
2028.0	7 MV	3028.0	7 MV	4028.0	7 MV		
1029.0	28.356 V	2029.0	28.352 V	3029.0	28.341 V		
4029.0	28.340 V	1030.0	2.87 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.85 V	1031.0	339.78 NS		
2031.0	346.72 NS	3031.0	346.72 NS	4031.0	342.76 NS		
1032.0	18.35 %	2032.0	21.72 %	3032.0	19.27 %		
4032.0	19.27 %	1033.0	0.317 V/US	2033.0	0.298 V/US		
3033.0	0.280 V/US	4033.0	0.290 V/US	1034.0	0.328 V/US		
2034.0	0.317 V/US	3034.0	0.295 V/US	4034.0	0.307 V/US		

DEVICE	7	BIN	1	HEAD	3	01:18 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	457.8 UA		
900.0	0.88 MA	1001.0	-0.426 MV	2001.0	-0.388 MV		
3001.0	-0.555 MV	4001.0	-0.053 MV	1002.0	0.051 MV		
2002.0	0.133 MV	3002.0	-0.030 MV	4002.0	0.534 MV		
1003.0	-0.49 MV	2003.0	-0.42 MV	3003.0	-0.52 MV		
4003.0	-0.09 MV	1004.0	-0.40 MV	2004.0	-0.33 MV		
3004.0	-0.44 MV	4004.0	0.00 MV	1005.0	0.90 NA		
2005.0	-0.60 NA	3005.0	-0.38 NA	4005.0	0.15 NA		
1006.0	0.10 NA	2006.0	-0.65 NA	3006.0	-0.31 NA		
4006.0	-0.29 NA	1007.0	0.34 NA	2007.0	-0.29 NA		
3007.0	-0.31 NA	4007.0	0.16 NA	1008.0	0.20 NA		
2008.0	-0.44 NA	3008.0	-0.28 NA	4008.0	-0.02 NA		
1009.0	-32.53 NA	2009.0	-32.26 NA	3009.0	-32.18 NA		
4009.0	-32.66 NA	1010.0	-17.93 NA	2010.0	-17.83 NA		
3010.0	-17.69 NA	4010.0	-18.24 NA	1011.0	-22.08 NA		
2011.0	-21.69 NA	3011.0	-21.79 NA	4011.0	-22.12 NA		
1012.0	-20.43 NA	2012.0	-19.79 NA	3012.0	-20.04 NA		
4012.0	-20.26 NA	1013.0	-33.42 NA	2013.0	-31.65 NA		
3013.0	-31.80 NA	4013.0	-32.81 NA	1014.0	-18.03 NA		
2014.0	-17.18 NA	3014.0	-17.38 NA	4014.0	-17.96 NA		
1015.0	-22.42 NA	2015.0	-21.39 NA	3015.0	-21.47 NA		
4015.0	-22.27 NA	116.0	-20.62 NA	216.0	-19.35 NA		
316.0	-19.76 NA	416.0	-20.24 NA	1017.0	1.16 UV		
2017.0	1.13 UV	3017.0	-1.66 UV	4017.0	1.23 UV		
1018.0	95.38 DB	2018.0	94.61 DB	3018.0	94.53 DB		
4018.0	93.57 DB	1019.0	-40.0 MA	2019.0	-40.5 MA		
3019.0	-40.3 MA	4019.0	-39.1 MA	61.0	1.06 MA		
1020.0	28.603 V	2020.0	28.600 V	3020.0	28.592 V		
4020.0	28.590 V	1021.0	28.019 V	2021.0	28.015 V		
3021.0	28.006 V	4021.0	28.013 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	131.01 V/MV	2023.0	155.89 V/MV	3023.0	181.47 V/MV		
4023.0	139.01 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	1.708 MV	2026.0	1.762 MV	3026.0	1.348 MV		
4026.0	1.327 MV	1027.0	0.883 V	2027.0	0.882 V		
3027.0	0.880 V	4027.0	0.882 V	1028.0	7 MV		
2028.0	7 MV	3028.0	6 MV	4028.0	7 MV		
1029.0	28.358 V	2029.0	28.359 V	3029.0	28.348 V		
4029.0	28.344 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.86 V	1031.0	359.61 NS		
2031.0	374.48 NS	3031.0	384.39 NS	4031.0	377.45 NS		
1032.0	17.05 %	2032.0	20.57 %	3032.0	17.79 %		
4032.0	18.05 %	1033.0	0.305 V/US	2033.0	0.288 V/US		
3033.0	0.278 V/US	4033.0	0.284 V/US	1034.0	0.313 V/US		
2034.0	0.304 V/US	3034.0	0.291 V/US	4034.0	0.299 V/US		

DEVICE 8 BIN 1 HEAD 3 01:19 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	453.3 UA
900.0	0.89 MA	1001.0	-0.620 MV	2001.0	-0.356 MV
3001.0	-0.378 MV	4001.0	-0.177 MV	1002.0	-0.058 MV
2002.0	0.198 MV	3002.0	0.159 MV	4002.0	0.355 MV
1003.0	-0.65 MV	2003.0	-0.42 MV	3003.0	-0.40 MV
4003.0	-0.20 MV	1004.0	-0.55 MV	2004.0	-0.32 MV
3004.0	-0.34 MV	4004.0	-0.13 MV	1005.0	0.03 NA
2005.0	-0.18 NA	3005.0	0.58 NA	4005.0	0.19 NA
1006.0	-0.27 NA	2006.0	-0.32 NA	3006.0	0.09 NA
4006.0	0.05 NA	1007.0	0.11 NA	2007.0	-0.11 NA
3007.0	0.28 NA	4007.0	0.22 NA	1008.0	-0.12 NA
2008.0	-0.17 NA	3008.0	0.26 NA	4008.0	0.20 NA
1009.0	-33.53 NA	2009.0	-32.62 NA	3009.0	-32.18 NA
4009.0	-33.88 NA	1010.0	-19.16 NA	2010.0	-18.57 NA
3010.0	-18.57 NA	4010.0	-19.45 NA	1011.0	-23.04 NA
2011.0	-22.18 NA	3011.0	-22.25 NA	4011.0	-23.08 NA
1012.0	-21.30 NA	2012.0	-20.32 NA	3012.0	-20.50 NA
4012.0	-21.26 NA	1013.0	-33.56 NA	2013.0	-32.44 NA
3013.0	-32.76 NA	4013.0	-34.07 NA	1014.0	-18.89 NA
2014.0	-18.25 NA	3014.0	-18.66 NA	4014.0	-19.50 NA
1015.0	-23.15 NA	2015.0	-22.06 NA	3015.0	-22.53 NA
4015.0	-23.31 NA	116.0	-21.19 NA	216.0	-20.15 NA
316.0	-20.76 NA	416.0	-21.45 NA	1017.0	-0.28 UV
2017.0	2.13 UV	3017.0	0.66 UV	4017.0	0.60 UV
1018.0	93.95 DB	2018.0	94.08 DB	3018.0	94.35 DB
4018.0	94.44 DB	1019.0	-40.9 MA	2019.0	-40.0 MA
3019.0	-40.0 MA	4019.0	-39.8 MA	61.0	1.05 MA
1020.0	28.594 V	2020.0	28.592 V	3020.0	28.585 V
4020.0	28.581 V	1021.0	28.001 V	2021.0	28.001 V
3021.0	27.995 V	4021.0	27.993 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	138.72 V/MV	2023.0	160.70 V/MV	3023.0	172.38 V/MV
4023.0	137.29 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	1.743 MV	3026.0	1.348 MV
4026.0	1.444 MV	1027.0	0.887 V	2027.0	0.887 V
3027.0	0.884 V	4027.0	0.886 V	1028.0	7 MV
2028.0	7 MV	3028.0	7 MV	4028.0	7 MV
1029.0	28.352 V	2029.0	28.353 V	3029.0	28.345 V
4029.0	28.336 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	369.52 NS
2031.0	384.39 NS	3031.0	393.31 NS	4031.0	388.35 NS
1032.0	16.07 %	2032.0	20.33 %	3032.0	17.55 %
4032.0	17.37 %	1033.0	0.294 V/US	2033.0	0.276 V/US
3033.0	0.268 V/US	4033.0	0.274 V/US	1034.0	0.305 V/US
2034.0	0.293 V/US	3034.0	0.279 V/US	4034.0	0.287 V/US

50k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	01:33 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.6	UA	
900.0	0.77 MA	1001.0	0.401 MV	2001.0	-0.126	MV	
3001.0	-0.230 MV	4001.0	0.001 MV	1002.0	0.938	MV	
2002.0	0.405 MV	3002.0	0.339 MV	4002.0	0.556	MV	
1003.0	0.36 MV	2003.0	-0.14 MV	3003.0	-0.20	MV	
4003.0	-0.03 MV	1004.0	0.47 MV	2004.0	-0.05	MV	
3004.0	-0.12 MV	4004.0	0.05 MV	1005.0	0.31	NA	
2005.0	-0.12 NA	3005.0	0.14 NA	4005.0	-0.23	NA	
1006.0	-0.11 NA	2006.0	-0.10 NA	3006.0	-0.03	NA	
4006.0	-0.12 NA	1007.0	0.09 NA	2007.0	0.06	NA	
3007.0	-0.02 NA	4007.0	0.19 NA	1008.0	-0.04	NA	
2008.0	-0.03 NA	3008.0	-0.01 NA	4008.0	0.02	NA	
1009.0	-17.18 NA	2009.0	-16.55 NA	3009.0	-15.97	NA	
4009.0	-17.31 NA	1010.0	-8.88 NA	2010.0	-8.65	NA	
3010.0	-8.38 NA	4010.0	-8.93 NA	1011.0	-10.99	NA	
2011.0	-10.46 NA	3011.0	-10.34 NA	4011.0	-11.00	NA	
1012.0	-10.08 NA	2012.0	-9.89 NA	3012.0	-9.64	NA	
4012.0	-10.13 NA	1013.0	-17.48 NA	2013.0	-16.43	NA	
3013.0	-16.11 NA	4013.0	-17.08 NA	1014.0	-8.77	NA	
2014.0	-8.55 NA	3014.0	-8.35 NA	4014.0	-8.81	NA	
1015.0	-11.08 NA	2015.0	-10.51 NA	3015.0	-10.32	NA	
4015.0	-11.19 NA	116.0	-10.04 NA	216.0	-9.86	NA	
316.0	-9.63 NA	416.0	-10.14 NA	1017.0	0.97	UV	
2017.0	0.71 UV	3017.0	-1.14 UV	4017.0	1.22	UV	
1018.0	94.35 DB	2018.0	94.43 DB	3018.0	93.83	DB	
4018.0	94.05 DB	1019.0	-40.0 MA	2019.0	-40.3	MA	
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02	MA	
1020.0	28.611 V	2020.0	28.609 V	3020.0	28.602	V	
4020.0	28.598 V	1021.0	28.027 V	2021.0	28.023	V	
3021.0	28.015 V	4021.0	28.020 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	168.45 V/MV	2023.0	180.61 V/MV	3023.0	186.61	V/MV	
4023.0	175.58 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	1.666 MV	2026.0	1.654 MV	3026.0	1.234	MV	
4026.0	1.236 MV	1027.0	0.873 V	2027.0	0.873	V	
3027.0	0.872 V	4027.0	0.877 V	1028.0	8	MV	
2028.0	9 MV	3028.0	8 MV	4028.0	8	MV	
1029.0	28.370 V	2029.0	28.371 V	3029.0	28.361	V	
4029.0	28.318 V	1030.0	2.88 V	2030.0	2.88	V	
3030.0	2.87 V	4030.0	2.86 V	1031.0	301.13	NS	
2031.0	323.92 NS	3031.0	353.66 NS	4031.0	333.84	NS	
1032.0	20.98 %	2032.0	22.59 %	3032.0	19.27	%	
4032.0	19.59 %	1033.0	0.323 V/US	2033.0	0.307	V/US	
3033.0	0.284 V/US	4033.0	0.301 V/US	1034.0	0.331	V/US	
2034.0	0.319 V/US	3034.0	0.295 V/US	4034.0	0.314	V/US	

DEVICE	2	BIN	1	HEAD	3	01:33 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	508.6 UA		
900.0	0.77 MA	1001.0	-0.063 MV	2001.0	-0.184 MV		
3001.0	0.043 MV	4001.0	-0.006 MV	1002.0	0.478 MV		
2002.0	0.377 MV	3002.0	0.588 MV	4002.0	0.474 MV		
1003.0	-0.10 MV	2003.0	-0.19 MV	3003.0	0.04 MV		
4003.0	-0.02 MV	1004.0	0.01 MV	2004.0	-0.08 MV		
3004.0	0.11 MV	4004.0	0.05 MV	1005.0	0.25 NA		
2005.0	-0.16 NA	3005.0	0.19 NA	4005.0	0.10 NA		
1006.0	0.10 NA	2006.0	-0.15 NA	3006.0	-0.02 NA		
4006.0	-0.09 NA	1007.0	0.16 NA	2007.0	-0.00 NA		
3007.0	0.15 NA	4007.0	-0.01 NA	1008.0	0.04 NA		
2008.0	-0.02 NA	3008.0	0.04 NA	4008.0	0.15 NA		
1009.0	-17.25 NA	2009.0	-16.65 NA	3009.0	-16.60 NA		
4009.0	-17.26 NA	1010.0	-8.96 NA	2010.0	-8.81 NA		
3010.0	-8.77 NA	4010.0	-9.04 NA	1011.0	-11.09 NA		
2011.0	-10.49 NA	3011.0	-10.64 NA	4011.0	-11.09 NA		
1012.0	-10.22 NA	2012.0	-9.93 NA	3012.0	-9.96 NA		
4012.0	-10.03 NA	1013.0	-17.50 NA	2013.0	-16.49 NA		
3013.0	-16.79 NA	4013.0	-17.35 NA	1014.0	-9.06 NA		
2014.0	-8.65 NA	3014.0	-8.75 NA	4014.0	-8.94 NA		
1015.0	-11.25 NA	2015.0	-10.49 NA	3015.0	-10.79 NA		
4015.0	-11.08 NA	116.0	-10.26 NA	216.0	-9.91 NA		
316.0	-10.00 NA	416.0	-10.17 NA	1017.0	1.15 UV		
2017.0	-0.06 UV	3017.0	0.22 UV	4017.0	0.77 UV		
1018.0	94.28 DB	2018.0	93.97 DB	3018.0	94.22 DB		
4018.0	95.33 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.4 MA	4019.0	-39.1 MA	61.0	1.02 MA		
1020.0	28.610 V	2020.0	28.608 V	3020.0	28.600 V		
4020.0	28.597 V	1021.0	28.030 V	2021.0	28.025 V		
3021.0	28.020 V	4021.0	28.022 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	171.46 V/MV	2023.0	179.33 V/MV	3023.0	187.20 V/MV		
4023.0	166.52 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	1.632 MV	3026.0	1.250 MV		
4026.0	1.269 MV	1027.0	0.874 V	2027.0	0.874 V		
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.368 V	2029.0	28.369 V	3029.0	28.358 V		
4029.0	28.349 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	335.82 NS		
2031.0	344.74 NS	3031.0	350.69 NS	4031.0	343.75 NS		
1032.0	18.35 %	2032.0	22.28 %	3032.0	19.35 %		
4032.0	19.59 %	1033.0	0.317 V/US	2033.0	0.307 V/US		
3033.0	0.294 V/US	4033.0	0.301 V/US	1034.0	0.330 V/US		
2034.0	0.318 V/US	3034.0	0.303 V/US	4034.0	0.312 V/US		

DEVICE	3	BIN	1	HEAD	3	01:33 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	453.8 UA		
900.0	1.48 MA	1001.0	-0.279 MV	2001.0	-0.364 MV		
3001.0	-0.463 MV	4001.0	-0.339 MV	1002.0	0.245 MV		
2002.0	0.180 MV	3002.0	0.018 MV	4002.0	0.214 MV		
1003.0	-0.38 MV	2003.0	-0.45 MV	3003.0	-0.53 MV		
4003.0	-0.44 MV	1004.0	-0.29 MV	2004.0	-0.35 MV		
3004.0	-0.45 MV	4004.0	-0.36 MV	1005.0	0.18 NA		
2005.0	-0.74 NA	3005.0	-0.32 NA	4005.0	0.45 NA		
1006.0	-0.24 NA	2006.0	-0.33 NA	3006.0	-0.22 NA		
4006.0	-0.11 NA	1007.0	-0.09 NA	2007.0	-0.25 NA		
3007.0	-0.43 NA	4007.0	0.41 NA	1008.0	0.05 NA		
2008.0	-0.43 NA	3008.0	-0.22 NA	4008.0	0.18 NA		
1009.0	-36.11 NA	2009.0	-35.86 NA	3009.0	-34.46 NA		
4009.0	-36.36 NA	1010.0	-19.86 NA	2010.0	-19.56 NA		
3010.0	-18.96 NA	4010.0	-20.09 NA	1011.0	-24.89 NA		
2011.0	-24.02 NA	3011.0	-23.93 NA	4011.0	-24.70 NA		
1012.0	-22.55 NA	2012.0	-22.16 NA	3012.0	-21.68 NA		
4012.0	-22.75 NA	1013.0	-36.29 NA	2013.0	-35.12 NA		
3013.0	-34.14 NA	4013.0	-36.81 NA	1014.0	-19.63 NA		
2014.0	-19.23 NA	3014.0	-18.74 NA	4014.0	-19.98 NA		
1015.0	-24.80 NA	2015.0	-23.76 NA	3015.0	-23.50 NA		
4015.0	-25.10 NA	116.0	-22.60 NA	216.0	-21.72 NA		
316.0	-21.45 NA	416.0	-22.93 NA	1017.0	2.34 UV		
2017.0	1.99 UV	3017.0	1.35 UV	4017.0	2.34 UV		
1018.0	94.56 DB	2018.0	94.24 DB	3018.0	95.29 DB		
4018.0	94.09 DB	1019.0	-39.9 MA	2019.0	-40.1 MA		
3019.0	-39.9 MA	4019.0	-39.1 MA	61.0	1.30 MA		
1020.0	28.597 V	2020.0	28.593 V	3020.0	28.584 V		
4020.0	28.584 V	1021.0	27.991 V	2021.0	27.978 V		
3021.0	27.968 V	4021.0	27.981 V	1022.0	271.12 V/MV		
2022.0	266.26 V/MV	3022.0	251.04 V/MV	4022.0	275.85 V/MV		
1023.0	113.28 V/MV	2023.0	120.99 V/MV	3023.0	117.18 V/MV		
4023.0	109.14 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	1.915 MV	2026.0	1.865 MV	3026.0	1.492 MV		
4026.0	1.596 MV	1027.0	0.879 V	2027.0	0.878 V		
3027.0	0.877 V	4027.0	0.879 V	1028.0	6 MV		
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV		
1029.0	28.358 V	2029.0	28.356 V	3029.0	28.344 V		
4029.0	28.342 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.86 V	4030.0	2.86 V	1031.0	327.89 NS		
2031.0	339.78 NS	3031.0	367.54 NS	4031.0	355.64 NS		
1032.0	18.61 %	2032.0	22.03 %	3032.0	19.03 %		
4032.0	19.27 %	1033.0	0.310 V/US	2033.0	0.295 V/US		
3033.0	0.273 V/US	4033.0	0.287 V/US	1034.0	0.319 V/US		
2034.0	0.313 V/US	3034.0	0.284 V/US	4034.0	0.301 V/US		

DEVICE 4 BIN 1 HEAD 3 01:34 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	448.8 UA
900.0	1.49 MA	1001.0	-0.554 MV	2001.0	-0.534 MV
3001.0	-0.593 MV	4001.0	-0.317 MV	1002.0	-0.024 MV
2002.0	-0.026 MV	3002.0	-0.098 MV	4002.0	0.219 MV
1003.0	-0.65 MV	2003.0	-0.64 MV	3003.0	-0.68 MV
4003.0	-0.38 MV	1004.0	-0.56 MV	2004.0	-0.56 MV
3004.0	-0.61 MV	4004.0	-0.30 MV	1005.0	-0.07 NA
2005.0	0.39 NA	3005.0	0.33 NA	4005.0	-0.27 NA
1006.0	-0.06 NA	2006.0	0.13 NA	3006.0	0.02 NA
4006.0	-0.47 NA	1007.0	0.06 NA	2007.0	0.30 NA
3007.0	0.17 NA	4007.0	-0.48 NA	1008.0	-0.18 NA
2008.0	0.35 NA	3008.0	0.31 NA	4008.0	-0.26 NA
1009.0	-36.96 NA	2009.0	-35.62 NA	3009.0	-35.86 NA
4009.0	-37.65 NA	1010.0	-21.23 NA	2010.0	-20.49 NA
3010.0	-20.83 NA	4010.0	-21.84 NA	1011.0	-25.38 NA
2011.0	-24.62 NA	3011.0	-24.82 NA	4011.0	-26.37 NA
1012.0	-23.40 NA	2012.0	-22.63 NA	3012.0	-22.76 NA
4012.0	-24.17 NA	1013.0	-36.89 NA	2013.0	-36.01 NA
3013.0	-36.19 NA	4013.0	-37.38 NA	1014.0	-21.17 NA
2014.0	-20.62 NA	3014.0	-20.85 NA	4014.0	-21.37 NA
1015.0	-25.44 NA	2015.0	-24.93 NA	3015.0	-24.98 NA
4015.0	-25.89 NA	116.0	-23.22 NA	216.0	-22.97 NA
316.0	-23.07 NA	416.0	-23.91 NA	1017.0	1.69 UV
2017.0	3.01 UV	3017.0	1.99 UV	4017.0	0.79 UV
1018.0	94.45 DB	2018.0	94.83 DB	3018.0	95.04 DB
4018.0	94.37 DB	1019.0	-40.8 MA	2019.0	-39.7 MA
3019.0	-39.4 MA	4019.0	-39.7 MA	61.0	1.30 MA
1020.0	28.588 V	2020.0	28.588 V	3020.0	28.580 V
4020.0	28.575 V	1021.0	27.972 V	2021.0	27.972 V
3021.0	27.965 V	4021.0	27.963 V	1022.0	211.42 V/MV
2022.0	306.32 V/MV	3022.0	290.66 V/MV	4022.0	220.95 V/MV
1023.0	100.20 V/MV	2023.0	120.10 V/MV	3023.0	132.02 V/MV
4023.0	103.20 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	1.826 MV	2026.0	1.762 MV	3026.0	1.444 MV
4026.0	1.546 MV	1027.0	0.885 V	2027.0	0.885 V
3027.0	0.883 V	4027.0	0.884 V	1028.0	6 MV
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.348 V	2029.0	28.348 V	3029.0	28.337 V
4029.0	28.332 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	333.84 NS
2031.0	343.75 NS	3031.0	365.55 NS	4031.0	352.67 NS
1032.0	20.33 %	2032.0	23.33 %	3032.0	20.33 %
4032.0	20.57 %	1033.0	0.294 V/US	2033.0	0.276 V/US
3033.0	0.269 V/US	4033.0	0.279 V/US	1034.0	0.305 V/US
2034.0	0.295 V/US	3034.0	0.281 V/US	4034.0	0.293 V/US

DEVICE 5 BIN 1 HEAD 3 01:34 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	449.4 UA
900.0	1.59 MA	1001.0	-0.578 MV	2001.0	-0.388 MV
3001.0	-0.626 MV	4001.0	-0.051 MV	1002.0	-0.025 MV
2002.0	0.153 MV	3002.0	-0.043 MV	4002.0	0.468 MV
1003.0	-0.66 MV	2003.0	-0.51 MV	3003.0	-0.69 MV
4003.0	-0.13 MV	1004.0	-0.55 MV	2004.0	-0.41 MV
3004.0	-0.60 MV	4004.0	-0.06 MV	1005.0	-0.19 NA
2005.0	0.19 NA	3005.0	0.53 NA	4005.0	-0.53 NA
1006.0	-0.32 NA	2006.0	-0.06 NA	3006.0	0.08 NA
4006.0	-0.34 NA	1007.0	-0.06 NA	2007.0	0.26 NA
3007.0	0.29 NA	4007.0	-0.29 NA	1008.0	-0.34 NA
2008.0	0.24 NA	3008.0	0.14 NA	4008.0	-0.45 NA
1009.0	-37.75 NA	2009.0	-36.27 NA	3009.0	-36.08 NA
4009.0	-37.97 NA	1010.0	-21.77 NA	2010.0	-20.73 NA
3010.0	-20.97 NA	4010.0	-21.87 NA	1011.0	-26.10 NA
2011.0	-24.93 NA	3011.0	-25.10 NA	4011.0	-26.36 NA
1012.0	-24.11 NA	2012.0	-23.02 NA	3012.0	-23.05 NA
4012.0	-24.42 NA	1013.0	-37.55 NA	2013.0	-36.46 NA
3013.0	-36.60 NA	4013.0	-37.44 NA	1014.0	-21.45 NA
2014.0	-20.67 NA	3014.0	-21.04 NA	4014.0	-21.53 NA
1015.0	-26.04 NA	2015.0	-25.18 NA	3015.0	-25.39 NA
4015.0	-26.08 NA	116.0	-23.77 NA	216.0	-23.25 NA
316.0	-23.19 NA	416.0	-23.97 NA	1017.0	0.32 UV
2017.0	3.30 UV	3017.0	1.41 UV	4017.0	1.28 UV
1018.0	94.08 DB	2018.0	94.28 DB	3018.0	93.63 DB
4018.0	94.63 DB	1019.0	-40.9 MA	2019.0	-39.8 MA
3019.0	-39.5 MA	4019.0	-39.6 MA	61.0	1.34 MA
1020.0	28.586 V	2020.0	28.586 V	3020.0	28.580 V
4020.0	28.573 V	1021.0	27.964 V	2021.0	27.968 V
3021.0	27.962 V	4021.0	27.956 V	1022.0	192.13 V/MV
2022.0	282.93 V/MV	3022.0	282.73 V/MV	4022.0	198.20 V/MV
1023.0	97.12 V/MV	2023.0	120.57 V/MV	3023.0	131.20 V/MV
4023.0	96.70 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	1.798 MV	2026.0	1.776 MV	3026.0	1.492 MV
4026.0	1.556 MV	1027.0	0.885 V	2027.0	0.886 V
3027.0	0.884 V	4027.0	0.884 V	1028.0	6 MV
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.343 V	2029.0	28.344 V	3029.0	28.336 V
4029.0	28.329 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.84 V	1031.0	361.59 NS
2031.0	382.40 NS	3031.0	388.35 NS	4031.0	372.49 NS
1032.0	14.79 %	2032.0	19.03 %	3032.0	17.13 %
4032.0	17.36 %	1033.0	0.294 V/US	2033.0	0.279 V/US
3033.0	0.268 V/US	4033.0	0.276 V/US	1034.0	0.305 V/US
2034.0	0.295 V/US	3034.0	0.279 V/US	4034.0	0.288 V/US

DEVICE	6	BIN	1	HEAD	3	01:34 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	457.8 UA		
900.0	1.48 MA	1001.0	-0.387 MV	2001.0	-0.606 MV		
3001.0	-0.722 MV	4001.0	-0.482 MV	1002.0	0.151 MV		
2002.0	-0.057 MV	3002.0	-0.222 MV	4002.0	0.118 MV		
1003.0	-0.48 MV	2003.0	-0.65 MV	3003.0	-0.79 MV		
4003.0	-0.54 MV	1004.0	-0.38 MV	2004.0	-0.57 MV		
3004.0	-0.72 MV	4004.0	-0.46 MV	1005.0	0.92 NA		
2005.0	-0.31 NA	3005.0	-0.57 NA	4005.0	0.51 NA		
1006.0	0.14 NA	2006.0	-0.23 NA	3006.0	-0.44 NA		
4006.0	-0.04 NA	1007.0	0.53 NA	2007.0	-0.06 NA		
3007.0	-0.41 NA	4007.0	0.20 NA	1008.0	0.51 NA		
2008.0	-0.11 NA	3008.0	-0.44 NA	4008.0	0.16 NA		
1009.0	-38.58 NA	2009.0	-37.99 NA	3009.0	-38.55 NA		
4009.0	-38.90 NA	1010.0	-21.87 NA	2010.0	-21.15 NA		
3010.0	-21.70 NA	4010.0	-21.92 NA	1011.0	-26.55 NA		
2011.0	-25.96 NA	3011.0	-26.52 NA	4011.0	-26.86 NA		
1012.0	-24.23 NA	2012.0	-23.82 NA	3012.0	-24.34 NA		
4012.0	-24.73 NA	1013.0	-39.50 NA	2013.0	-37.68 NA		
3013.0	-37.99 NA	4013.0	-39.41 NA	1014.0	-22.01 NA		
2014.0	-20.93 NA	3014.0	-21.26 NA	4014.0	-21.87 NA		
1015.0	-27.07 NA	2015.0	-25.90 NA	3015.0	-26.11 NA		
4015.0	-27.05 NA	116.0	-24.74 NA	216.0	-23.70 NA		
316.0	-23.89 NA	416.0	-24.89 NA	1017.0	2.01 UV		
2017.0	0.56 UV	3017.0	1.13 UV	4017.0	1.07 UV		
1018.0	94.33 DB	2018.0	94.15 DB	3018.0	94.95 DB		
4018.0	93.38 DB	1019.0	-39.9 MA	2019.0	-39.8 MA		
3019.0	-39.9 MA	4019.0	-39.0 MA	61.0	1.31 MA		
1020.0	28.593 V	2020.0	28.585 V	3020.0	28.577 V		
4020.0	28.577 V	1021.0	27.991 V	2021.0	27.977 V		
3021.0	27.972 V	4021.0	27.978 V	1022.0	318.24 V/MV		
2022.0	246.13 V/MV	3022.0	231.74 V/MV	4022.0	290.06 V/MV		
1023.0	120.06 V/MV	2023.0	117.17 V/MV	3023.0	106.83 V/MV		
4023.0	107.11 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	1.991 MV	2026.0	1.975 MV	3026.0	1.644 MV		
4026.0	1.628 MV	1027.0	0.882 V	2027.0	0.881 V		
3027.0	0.879 V	4027.0	0.881 V	1028.0	6 MV		
2028.0	6 MV	3028.0	5 MV	4028.0	6 MV		
1029.0	28.352 V	2029.0	28.347 V	3029.0	28.336 V		
4029.0	28.334 V	1030.0	2.87 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.85 V	1031.0	304.10 NS		
2031.0	300.13 NS	3031.0	344.74 NS	4031.0	334.83 NS		
1032.0	22.59 %	2032.0	25.81 %	3032.0	20.65 %		
4032.0	22.03 %	1033.0	0.318 V/US	2033.0	0.296 V/US		
3033.0	0.279 V/US	4033.0	0.289 V/US	1034.0	0.331 V/US		
2034.0	0.315 V/US	3034.0	0.293 V/US	4034.0	0.304 V/US		

DEVICE 7 BIN 1 HEAD 3 01:35 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	456.5 UA
900.0	1.54 MA	1001.0	-0.498 MV	2001.0	-0.469 MV
3001.0	-0.631 MV	4001.0	-0.120 MV	1002.0	-0.021 MV
2002.0	0.058 MV	3002.0	-0.103 MV	4002.0	0.461 MV
1003.0	-0.59 MV	2003.0	-0.56 MV	3003.0	-0.65 MV
4003.0	-0.20 MV	1004.0	-0.50 MV	2004.0	-0.47 MV
3004.0	-0.57 MV	4004.0	-0.12 MV	1005.0	1.16 NA
2005.0	-0.59 NA	3005.0	-0.50 NA	4005.0	0.20 NA
1006.0	0.16 NA	2006.0	-0.43 NA	3006.0	-0.42 NA
4006.0	0.03 NA	1007.0	0.63 NA	2007.0	-0.32 NA
3007.0	-0.40 NA	4007.0	0.26 NA	1008.0	0.47 NA
2008.0	-0.40 NA	3008.0	-0.29 NA	4008.0	0.10 NA
1009.0	-36.39 NA	2009.0	-36.32 NA	3009.0	-36.17 NA
4009.0	-36.84 NA	1010.0	-20.28 NA	2010.0	-20.00 NA
3010.0	-20.02 NA	4010.0	-20.40 NA	1011.0	-25.00 NA
2011.0	-24.57 NA	3011.0	-24.86 NA	4011.0	-25.01 NA
1012.0	-22.83 NA	2012.0	-22.58 NA	3012.0	-22.70 NA
4012.0	-22.97 NA	1013.0	-37.55 NA	2013.0	-35.73 NA
3013.0	-35.67 NA	4013.0	-37.04 NA	1014.0	-20.44 NA
2014.0	-19.57 NA	3014.0	-19.60 NA	4014.0	-20.43 NA
1015.0	-25.63 NA	2015.0	-24.25 NA	3015.0	-24.46 NA
4015.0	-25.27 NA	116.0	-23.30 NA	216.0	-22.18 NA
316.0	-22.41 NA	416.0	-23.07 NA	1017.0	1.95 UV
2017.0	2.02 UV	3017.0	-0.88 UV	4017.0	2.05 UV
1018.0	95.36 DB	2018.0	94.50 DB	3018.0	94.49 DB
4018.0	93.66 DB	1019.0	-39.9 MA	2019.0	-40.4 MA
3019.0	-40.1 MA	4019.0	-39.0 MA	61.0	1.33 MA
1020.0	28.596 V	2020.0	28.591 V	3020.0	28.583 V
4020.0	28.583 V	1021.0	27.991 V	2021.0	27.982 V
3021.0	27.974 V	4021.0	27.985 V	1022.0	241.66 V/MV
2022.0	247.76 V/MV	3022.0	238.93 V/MV	4022.0	256.67 V/MV
1023.0	99.72 V/MV	2023.0	110.16 V/MV	3023.0	123.94 V/MV
4023.0	105.69 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	1.915 MV	2026.0	1.860 MV	3026.0	1.501 MV
4026.0	1.613 MV	1027.0	0.880 V	2027.0	0.878 V
3027.0	0.876 V	4027.0	0.879 V	1028.0	6 MV
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV
1029.0	28.356 V	2029.0	28.355 V	3029.0	28.343 V
4029.0	28.339 V	1030.0	2.87 V	2030.0	2.87 V
3030.0	2.86 V	4030.0	2.85 V	1031.0	360.60 NS
2031.0	372.49 NS	3031.0	385.38 NS	4031.0	375.47 NS
1032.0	17.13 %	2032.0	20.57 %	3032.0	17.79 %
4032.0	18.03 %	1033.0	0.303 V/US	2033.0	0.288 V/US
3033.0	0.278 V/US	4033.0	0.283 V/US	1034.0	0.313 V/US
2034.0	0.305 V/US	3034.0	0.291 V/US	4034.0	0.297 V/US

DEVICE	8	BIN	1	HEAD	3	01:35 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	452.0 UA		
900.0	1.62 MA	1001.0	-0.700 MV	2001.0	-0.439 MV		
3001.0	-0.452 MV	4001.0	-0.228 MV	1002.0	-0.140 MV		
2002.0	0.112 MV	3002.0	0.087 MV	4002.0	0.292 MV		
1003.0	-0.78 MV	2003.0	-0.55 MV	3003.0	-0.53 MV		
4003.0	-0.31 MV	1004.0	-0.68 MV	2004.0	-0.45 MV		
3004.0	-0.46 MV	4004.0	-0.23 MV	1005.0	-0.13 NA		
2005.0	0.00 NA	3005.0	0.52 NA	4005.0	0.09 NA		
1006.0	-0.39 NA	2006.0	-0.32 NA	3006.0	0.10 NA		
4006.0	-0.10 NA	1007.0	-0.00 NA	2007.0	0.07 NA		
3007.0	0.21 NA	4007.0	-0.02 NA	1008.0	-0.11 NA		
2008.0	-0.10 NA	3008.0	0.20 NA	4008.0	0.02 NA		
1009.0	-38.02 NA	2009.0	-36.48 NA	3009.0	-36.38 NA		
4009.0	-37.97 NA	1010.0	-21.85 NA	2010.0	-21.08 NA		
3010.0	-21.04 NA	4010.0	-22.10 NA	1011.0	-26.26 NA		
2011.0	-25.21 NA	3011.0	-25.29 NA	4011.0	-26.47 NA		
1012.0	-24.24 NA	2012.0	-23.19 NA	3012.0	-23.42 NA		
4012.0	-24.18 NA	1013.0	-37.89 NA	2013.0	-36.48 NA		
3013.0	-36.90 NA	4013.0	-38.06 NA	1014.0	-21.46 NA		
2014.0	-20.75 NA	3014.0	-21.14 NA	4014.0	-22.00 NA		
1015.0	-26.25 NA	2015.0	-25.28 NA	3015.0	-25.50 NA		
4015.0	-26.45 NA	116.0	-24.13 NA	216.0	-23.10 NA		
316.0	-23.62 NA	416.0	-24.21 NA	1017.0	0.58 UV		
2017.0	3.00 UV	3017.0	1.40 UV	4017.0	1.29 UV		
1018.0	93.99 DB	2018.0	94.12 DB	3018.0	94.31 DB		
4018.0	94.63 DB	1019.0	-40.7 MA	2019.0	-39.9 MA		
3019.0	-39.8 MA	4019.0	-39.7 MA	61.0	1.35 MA		
1020.0	28.585 V	2020.0	28.584 V	3020.0	28.577 V		
4020.0	28.572 V	1021.0	27.965 V	2021.0	27.968 V		
3021.0	27.964 V	4021.0	27.958 V	1022.0	194.10 V/MV		
2022.0	258.50 V/MV	3022.0	257.09 V/MV	4022.0	201.19 V/MV		
1023.0	98.45 V/MV	2023.0	115.53 V/MV	3023.0	121.30 V/MV		
4023.0	100.00 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	1.783 MV	2026.0	1.865 MV	3026.0	1.518 MV		
4026.0	1.496 MV	1027.0	0.884 V	2027.0	0.885 V		
3027.0	0.882 V	4027.0	0.882 V	1028.0	6 MV		
2028.0	6 MV	3028.0	5 MV	4028.0	5 MV		
1029.0	28.344 V	2029.0	28.347 V	3029.0	28.338 V		
4029.0	28.330 V	1030.0	2.86 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.85 V	1031.0	366.55 NS		
2031.0	380.42 NS	3031.0	393.31 NS	4031.0	386.37 NS		
1032.0	16.81 %	2032.0	20.15 %	3032.0	17.37 %		
4032.0	17.60 %	1033.0	0.292 V/US	2033.0	0.276 V/US		
3033.0	0.267 V/US	4033.0	0.273 V/US	1034.0	0.305 V/US		
2034.0	0.293 V/US	3034.0	0.277 V/US	4034.0	0.285 V/US		

80k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	01:52 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.7 UA		
900.0	0.77 MA	1001.0	0.405 MV	2001.0	-0.130 MV		
3001.0	-0.229 MV	4001.0	0.013 MV	1002.0	0.942 MV		
2002.0	0.399 MV	3002.0	0.339 MV	4002.0	0.563 MV		
1003.0	0.37 MV	2003.0	-0.15 MV	3003.0	-0.20 MV		
4003.0	-0.02 MV	1004.0	0.48 MV	2004.0	-0.06 MV		
3004.0	-0.11 MV	4004.0	0.06 MV	1005.0	0.37 NA		
2005.0	-0.06 NA	3005.0	0.26 NA	4005.0	-0.09 NA		
1006.0	-0.10 NA	2006.0	-0.10 NA	3006.0	-0.01 NA		
4006.0	-0.14 NA	1007.0	0.00 NA	2007.0	0.08 NA		
3007.0	-0.06 NA	4007.0	0.11 NA	1008.0	0.07 NA		
2008.0	-0.03 NA	3008.0	-0.02 NA	4008.0	-0.11 NA		
1009.0	-17.17 NA	2009.0	-16.49 NA	3009.0	-15.94 NA		
4009.0	-17.31 NA	1010.0	-8.89 NA	2010.0	-8.64 NA		
3010.0	-8.36 NA	4010.0	-8.94 NA	1011.0	-11.09 NA		
2011.0	-10.41 NA	3011.0	-10.44 NA	4011.0	-11.01 NA		
1012.0	-10.19 NA	2012.0	-9.89 NA	3012.0	-9.64 NA		
4012.0	-10.17 NA	1013.0	-17.54 NA	2013.0	-16.43 NA		
3013.0	-16.21 NA	4013.0	-17.22 NA	1014.0	-8.79 NA		
2014.0	-8.54 NA	3014.0	-8.36 NA	4014.0	-8.81 NA		
1015.0	-11.09 NA	2015.0	-10.49 NA	3015.0	-10.38 NA		
4015.0	-11.12 NA	116.0	-10.26 NA	216.0	-9.86 NA		
316.0	-9.62 NA	416.0	-10.07 NA	1017.0	0.89 UV		
2017.0	0.75 UV	3017.0	-1.15 UV	4017.0	1.11 UV		
1018.0	94.35 DB	2018.0	94.46 DB	3018.0	93.85 DB		
4018.0	94.12 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02 MA		
1020.0	28.612 V	2020.0	28.610 V	3020.0	28.603 V		
4020.0	28.599 V	1021.0	28.027 V	2021.0	28.023 V		
3021.0	28.014 V	4021.0	28.019 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	171.03 V/MV	2023.0	181.36 V/MV	3023.0	183.91 V/MV		
4023.0	173.03 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	1.644 MV	2026.0	1.654 MV	3026.0	1.203 MV		
4026.0	1.346 MV	1027.0	0.874 V	2027.0	0.874 V		
3027.0	0.873 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.369 V	2029.0	28.370 V	3029.0	28.360 V		
4029.0	28.355 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	345.73 NS		
2031.0	362.58 NS	3031.0	387.36 NS	4031.0	367.54 NS		
1032.0	18.05 %	2032.0	21.48 %	3032.0	17.60 %		
4032.0	17.60 %	1033.0	0.315 V/US	2033.0	0.300 V/US		
3033.0	0.277 V/US	4033.0	0.294 V/US	1034.0	0.323 V/US		
2034.0	0.312 V/US	3034.0	0.288 V/US	4034.0	0.307 V/US		

DEVICE	2	BIN	1	HEAD	3	01:52 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	508.9 UA		
900.0	0.77 MA	1001.0	-0.061 MV	2001.0	-0.187 MV		
3001.0	0.040 MV	4001.0	0.001 MV	1002.0	0.474 MV		
2002.0	0.380 MV	3002.0	0.592 MV	4002.0	0.476 MV		
1003.0	-0.10 MV	2003.0	-0.19 MV	3003.0	0.03 MV		
4003.0	-0.02 MV	1004.0	0.01 MV	2004.0	-0.08 MV		
3004.0	0.12 MV	4004.0	0.05 MV	1005.0	0.30 NA		
2005.0	-0.09 NA	3005.0	0.23 NA	4005.0	-0.07 NA		
1006.0	0.05 NA	2006.0	-0.13 NA	3006.0	0.02 NA		
4006.0	-0.13 NA	1007.0	0.41 NA	2007.0	-0.03 NA		
3007.0	0.10 NA	4007.0	-0.04 NA	1008.0	0.06 NA		
2008.0	-0.06 NA	3008.0	0.06 NA	4008.0	-0.06 NA		
1009.0	-17.26 NA	2009.0	-16.60 NA	3009.0	-16.56 NA		
4009.0	-17.35 NA	1010.0	-8.98 NA	2010.0	-8.78 NA		
3010.0	-8.76 NA	4010.0	-9.06 NA	1011.0	-11.02 NA		
2011.0	-10.52 NA	3011.0	-10.69 NA	4011.0	-11.13 NA		
1012.0	-10.12 NA	2012.0	-9.96 NA	3012.0	-9.95 NA		
4012.0	-10.25 NA	1013.0	-17.56 NA	2013.0	-16.51 NA		
3013.0	-16.79 NA	4013.0	-17.29 NA	1014.0	-9.03 NA		
2014.0	-8.66 NA	3014.0	-8.78 NA	4014.0	-8.93 NA		
1015.0	-11.43 NA	2015.0	-10.49 NA	3015.0	-10.79 NA		
4015.0	-11.09 NA	116.0	-10.18 NA	216.0	-9.90 NA		
316.0	-10.01 NA	416.0	-10.19 NA	1017.0	1.00 UV		
2017.0	-0.18 UV	3017.0	0.24 UV	4017.0	0.83 UV		
1018.0	94.39 DB	2018.0	93.88 DB	3018.0	94.10 DB		
4018.0	95.41 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.4 MA	4019.0	-39.1 MA	61.0	1.03 MA		
1020.0	28.611 V	2020.0	28.608 V	3020.0	28.600 V		
4020.0	28.597 V	1021.0	28.030 V	2021.0	28.024 V		
3021.0	28.018 V	4021.0	28.021 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	168.43 V/MV	2023.0	181.87 V/MV	3023.0	184.67 V/MV		
4023.0	167.23 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	1.632 MV	2026.0	1.597 MV	3026.0	1.250 MV		
4026.0	1.317 MV	1027.0	0.874 V	2027.0	0.874 V		
3027.0	0.872 V	4027.0	0.874 V	1028.0	8 MV		
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.369 V	2029.0	28.369 V	3029.0	28.359 V		
4029.0	28.354 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.86 V	1031.0	350.69 NS		
2031.0	363.57 NS	3031.0	373.48 NS	4031.0	366.55 NS		
1032.0	17.60 %	2032.0	21.48 %	3032.0	18.62 %		
4032.0	18.30 %	1033.0	0.310 V/US	2033.0	0.300 V/US		
3033.0	0.288 V/US	4033.0	0.294 V/US	1034.0	0.323 V/US		
2034.0	0.312 V/US	3034.0	0.297 V/US	4034.0	0.306 V/US		

DEVICE	3	BIN	1	HEAD	3	01:53 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	455.0 UA		
900.0	2.86 MA	1001.0	-0.347 MV	2001.0	-0.443 MV		
3001.0	-0.521 MV	4001.0	-0.400 MV	1002.0	0.184 MV		
2002.0	0.108 MV	3002.0	-0.034 MV	4002.0	0.160 MV		
1003.0	-0.53 MV	2003.0	-0.62 MV	3003.0	-0.69 MV		
4003.0	-0.58 MV	1004.0	-0.42 MV	2004.0	-0.52 MV		
3004.0	-0.61 MV	4004.0	-0.50 MV	1005.0	0.29 NA		
2005.0	-0.74 NA	3005.0	-0.15 NA	4005.0	0.44 NA		
1006.0	-0.16 NA	2006.0	-0.28 NA	3006.0	-0.14 NA		
4006.0	0.03 NA	1007.0	0.26 NA	2007.0	-0.41 NA		
3007.0	-0.16 NA	4007.0	0.28 NA	1008.0	0.22 NA		
2008.0	-0.47 NA	3008.0	-0.08 NA	4008.0	-0.07 NA		
1009.0	-41.41 NA	2009.0	-41.26 NA	3009.0	-39.06 NA		
4009.0	-41.37 NA	1010.0	-22.28 NA	2010.0	-21.97 NA		
3010.0	-20.99 NA	4010.0	-22.28 NA	1011.0	-28.47 NA		
2011.0	-28.08 NA	3011.0	-27.28 NA	4011.0	-28.57 NA		
1012.0	-25.74 NA	2012.0	-25.63 NA	3012.0	-24.57 NA		
4012.0	-26.25 NA	1013.0	-41.70 NA	2013.0	-40.51 NA		
3013.0	-38.91 NA	4013.0	-41.82 NA	1014.0	-22.12 NA		
2014.0	-21.69 NA	3014.0	-20.85 NA	4014.0	-22.30 NA		
1015.0	-28.74 NA	2015.0	-27.67 NA	3015.0	-27.12 NA		
4015.0	-28.85 NA	116.0	-25.96 NA	216.0	-25.15 NA		
316.0	-24.50 NA	416.0	-26.18 NA	1017.0	3.27 UV		
2017.0	3.07 UV	3017.0	2.36 UV	4017.0	3.44 UV		
1018.0	94.44 DB	2018.0	94.12 DB	3018.0	95.18 DB		
4018.0	93.98 DB	1019.0	-39.8 MA	2019.0	-40.0 MA		
3019.0	-39.7 MA	4019.0	-38.9 MA	61.0	1.69 MA		
1020.0	28.586 V	2020.0	28.581 V	3020.0	28.573 V		
4020.0	28.574 V	1021.0	27.946 V	2021.0	27.928 V		
3021.0	27.914 V	4021.0	27.935 V	1022.0	122.99 V/MV		
2022.0	112.37 V/MV	3022.0	106.20 V/MV	4022.0	121.28 V/MV		
1023.0	76.48 V/MV	2023.0	76.74 V/MV	3023.0	74.28 V/MV		
4023.0	74.60 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	2.084 MV	2026.0	2.018 MV	3026.0	1.546 MV		
4026.0	1.580 MV	1027.0	0.877 V	2027.0	0.875 V		
3027.0	0.874 V	4027.0	0.876 V	1028.0	5 MV		
2028.0	5 MV	3028.0	4 MV	4028.0	5 MV		
1029.0	28.349 V	2029.0	28.344 V	3029.0	28.333 V		
4029.0	28.333 V	1030.0	2.87 V	2030.0	2.87 V		
3030.0	2.85 V	4030.0	2.85 V	1031.0	359.61 NS		
2031.0	367.54 NS	3031.0	398.26 NS	4031.0	380.42 NS		
1032.0	17.37 %	2032.0	20.57 %	3032.0	17.55 %		
4032.0	17.55 %	1033.0	0.306 V/US	2033.0	0.292 V/US		
3033.0	0.267 V/US	4033.0	0.280 V/US	1034.0	0.317 V/US		
2034.0	0.311 V/US	3034.0	0.277 V/US	4034.0	0.294 V/US		

DEVICE	4	BIN	1	HEAD	3	01:53 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	447.9 UA		
900.0	2.86 MA	1001.0	-0.624 MV	2001.0	-0.625 MV		
3001.0	-0.677 MV	4001.0	-0.389 MV	1002.0	-0.088 MV		
2002.0	-0.093 MV	3002.0	-0.173 MV	4002.0	0.151 MV		
1003.0	-0.82 MV	2003.0	-0.80 MV	3003.0	-0.83 MV		
4003.0	-0.55 MV	1004.0	-0.73 MV	2004.0	-0.72 MV		
3004.0	-0.76 MV	4004.0	-0.47 MV	1005.0	-0.31 NA		
2005.0	0.48 NA	3005.0	0.82 NA	4005.0	-0.20 NA		
1006.0	-0.14 NA	2006.0	-0.02 NA	3006.0	0.15 NA		
4006.0	-0.36 NA	1007.0	-0.31 NA	2007.0	0.47 NA		
3007.0	0.35 NA	4007.0	-0.13 NA	1008.0	-0.23 NA		
2008.0	0.32 NA	3008.0	0.26 NA	4008.0	-0.22 NA		
1009.0	-42.48 NA	2009.0	-40.87 NA	3009.0	-40.72 NA		
4009.0	-42.72 NA	1010.0	-23.80 NA	2010.0	-23.10 NA		
3010.0	-23.00 NA	4010.0	-24.33 NA	1011.0	-29.69 NA		
2011.0	-28.56 NA	3011.0	-28.48 NA	4011.0	-30.19 NA		
1012.0	-26.98 NA	2012.0	-26.01 NA	3012.0	-26.11 NA		
4012.0	-27.49 NA	1013.0	-42.17 NA	2013.0	-41.35 NA		
3013.0	-41.54 NA	4013.0	-42.52 NA	1014.0	-23.66 NA		
2014.0	-23.07 NA	3014.0	-23.15 NA	4014.0	-23.97 NA		
1015.0	-29.38 NA	2015.0	-29.03 NA	3015.0	-28.83 NA		
4015.0	-30.06 NA	116.0	-26.75 NA	216.0	-26.33 NA		
316.0	-26.38 NA	416.0	-27.27 NA	1017.0	2.77 UV		
2017.0	3.92 UV	3017.0	2.89 UV	4017.0	2.00 UV		
1018.0	94.35 DB	2018.0	94.42 DB	3018.0	94.89 DB		
4018.0	94.30 DB	1019.0	-40.6 MA	2019.0	-39.5 MA		
3019.0	-39.2 MA	4019.0	-39.5 MA	61.0	1.71 MA		
1020.0	28.576 V	2020.0	28.578 V	3020.0	28.570 V		
4020.0	28.562 V	1021.0	27.920 V	2021.0	27.927 V		
3021.0	27.917 V	4021.0	27.911 V	1022.0	99.08 V/MV		
2022.0	133.36 V/MV	3022.0	127.71 V/MV	4022.0	101.84 V/MV		
1023.0	68.31 V/MV	2023.0	81.58 V/MV	3023.0	85.81 V/MV		
4023.0	69.04 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	1.903 MV	2026.0	1.893 MV	3026.0	1.575 MV		
4026.0	1.575 MV	1027.0	0.882 V	2027.0	0.882 V		
3027.0	0.880 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	5 MV	4028.0	4 MV		
1029.0	28.337 V	2029.0	28.339 V	3029.0	28.328 V		
4029.0	28.323 V	1030.0	2.86 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.84 V	1031.0	372.49 NS		
2031.0	390.33 NS	3031.0	402.23 NS	4031.0	390.33 NS		
1032.0	16.63 %	2032.0	20.01 %	3032.0	17.05 %		
4032.0	17.55 %	1033.0	0.288 V/US	2033.0	0.271 V/US		
3033.0	0.262 V/US	4033.0	0.272 V/US	1034.0	0.300 V/US		
2034.0	0.290 V/US	3034.0	0.274 V/US	4034.0	0.286 V/US		

DEVICE	5	BIN	1	HEAD	3	01:53 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	448.5 UA		
900.0	3.00 MA	1001.0	-0.651 MV	2001.0	-0.489 MV		
3001.0	-0.729 MV	4001.0	-0.107 MV	1002.0	-0.077 MV		
2002.0	0.074 MV	3002.0	-0.152 MV	4002.0	0.420 MV		
1003.0	-0.84 MV	2003.0	-0.68 MV	3003.0	-0.88 MV		
4003.0	-0.30 MV	1004.0	-0.71 MV	2004.0	-0.59 MV		
3004.0	-0.79 MV	4004.0	-0.23 MV	1005.0	-0.08 NA		
2005.0	0.23 NA	3005.0	0.62 NA	4005.0	-0.56 NA		
1006.0	-0.33 NA	2006.0	-0.21 NA	3006.0	-0.03 NA		
4006.0	-0.46 NA	1007.0	-0.02 NA	2007.0	0.11 NA		
3007.0	0.36 NA	4007.0	-0.37 NA	1008.0	-0.00 NA		
2008.0	0.05 NA	3008.0	0.24 NA	4008.0	-0.48 NA		
1009.0	-43.13 NA	2009.0	-41.81 NA	3009.0	-41.18 NA		
4009.0	-43.13 NA	1010.0	-24.01 NA	2010.0	-23.31 NA		
3010.0	-23.27 NA	4010.0	-24.33 NA	1011.0	-30.19 NA		
2011.0	-29.03 NA	3011.0	-29.12 NA	4011.0	-30.09 NA		
1012.0	-27.46 NA	2012.0	-26.43 NA	3012.0	-26.54 NA		
4012.0	-27.60 NA	1013.0	-43.05 NA	2013.0	-42.04 NA		
3013.0	-41.81 NA	4013.0	-42.57 NA	1014.0	-23.68 NA		
2014.0	-23.11 NA	3014.0	-23.23 NA	4014.0	-23.87 NA		
1015.0	-30.17 NA	2015.0	-29.14 NA	3015.0	-29.48 NA		
4015.0	-29.72 NA	116.0	-27.46 NA	216.0	-26.48 NA		
316.0	-26.78 NA	416.0	-27.12 NA	1017.0	1.10 UV		
2017.0	4.32 UV	3017.0	2.39 UV	4017.0	2.47 UV		
1018.0	93.77 DB	2018.0	93.93 DB	3018.0	93.72 DB		
4018.0	94.50 DB	1019.0	-40.7 MA	2019.0	-39.7 MA		
3019.0	-39.4 MA	4019.0	-39.4 MA	61.0	1.76 MA		
1020.0	28.572 V	2020.0	28.576 V	3020.0	28.567 V		
4020.0	28.560 V	1021.0	27.911 V	2021.0	27.923 V		
3021.0	27.914 V	4021.0	27.902 V	1022.0	92.11 V/MV		
2022.0	127.97 V/MV	3022.0	125.25 V/MV	4022.0	93.21 V/MV		
1023.0	64.58 V/MV	2023.0	79.84 V/MV	3023.0	84.57 V/MV		
4023.0	64.60 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	1.893 MV	2026.0	1.951 MV	3026.0	1.622 MV		
4026.0	1.618 MV	1027.0	0.881 V	2027.0	0.882 V		
3027.0	0.880 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	5 MV	4028.0	4 MV		
1029.0	28.333 V	2029.0	28.339 V	3029.0	28.328 V		
4029.0	28.319 V	1030.0	2.86 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.84 V	1031.0	373.48 NS		
2031.0	382.40 NS	3031.0	404.21 NS	4031.0	394.30 NS		
1032.0	16.63 %	2032.0	20.15 %	3032.0	17.37 %		
4032.0	17.55 %	1033.0	0.289 V/US	2033.0	0.275 V/US		
3033.0	0.261 V/US	4033.0	0.271 V/US	1034.0	0.302 V/US		
2034.0	0.292 V/US	3034.0	0.274 V/US	4034.0	0.282 V/US		

DEVICE	6	BIN	1	HEAD	3	01:54 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	455.6 UA		
900.0	2.86 MA	1001.0	-0.490 MV	2001.0	-0.685 MV		
3001.0	-0.783 MV	4001.0	-0.568 MV	1002.0	0.060 MV		
2002.0	-0.120 MV	3002.0	-0.267 MV	4002.0	0.043 MV		
1003.0	-0.66 MV	2003.0	-0.83 MV	3003.0	-0.95 MV		
4003.0	-0.71 MV	1004.0	-0.55 MV	2004.0	-0.74 MV		
3004.0	-0.87 MV	4004.0	-0.62 MV	1005.0	1.20 NA		
2005.0	-0.50 NA	3005.0	-0.60 NA	4005.0	0.41 NA		
1006.0	0.26 NA	2006.0	-0.40 NA	3006.0	-0.33 NA		
4006.0	0.04 NA	1007.0	0.55 NA	2007.0	-0.14 NA		
3007.0	-0.38 NA	4007.0	0.26 NA	1008.0	0.62 NA		
2008.0	-0.28 NA	3008.0	-0.50 NA	4008.0	0.29 NA		
1009.0	-44.14 NA	2009.0	-43.69 NA	3009.0	-44.03 NA		
4009.0	-44.17 NA	1010.0	-24.44 NA	2010.0	-24.06 NA		
3010.0	-24.19 NA	4010.0	-24.65 NA	1011.0	-30.61 NA		
2011.0	-30.15 NA	3011.0	-30.54 NA	4011.0	-30.85 NA		
1012.0	-27.89 NA	2012.0	-27.27 NA	3012.0	-28.02 NA		
4012.0	-27.93 NA	1013.0	-45.34 NA	2013.0	-43.19 NA		
3013.0	-43.43 NA	4013.0	-44.57 NA	1014.0	-24.70 NA		
2014.0	-23.66 NA	3014.0	-23.87 NA	4014.0	-24.69 NA		
1015.0	-31.16 NA	2015.0	-30.01 NA	3015.0	-30.16 NA		
4015.0	-31.11 NA	116.0	-28.51 NA	216.0	-26.99 NA		
316.0	-27.51 NA	416.0	-28.23 NA	1017.0	2.94 UV		
2017.0	1.59 UV	3017.0	2.11 UV	4017.0	2.02 UV		
1018.0	94.13 DB	2018.0	93.90 DB	3018.0	94.69 DB		
4018.0	93.22 DB	1019.0	-39.8 MA	2019.0	-39.7 MA		
3019.0	-39.7 MA	4019.0	-38.8 MA	61.0	1.69 MA		
1020.0	28.582 V	2020.0	28.572 V	3020.0	28.564 V		
4020.0	28.568 V	1021.0	27.950 V	2021.0	27.926 V		
3021.0	27.920 V	4021.0	27.936 V	1022.0	137.84 V/MV		
2022.0	105.72 V/MV	3022.0	99.45 V/MV	4022.0	124.77 V/MV		
1023.0	82.44 V/MV	2023.0	73.45 V/MV	3023.0	68.60 V/MV		
4023.0	75.29 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	2.018 MV	2026.0	1.994 MV	3026.0	1.626 MV		
4026.0	1.619 MV	1027.0	0.881 V	2027.0	0.880 V		
3027.0	0.878 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	5 MV	4028.0	5 MV		
1029.0	28.343 V	2029.0	28.334 V	3029.0	28.323 V		
4029.0	28.326 V	1030.0	2.86 V	2030.0	2.85 V		
3030.0	2.84 V	4030.0	2.84 V	1031.0	354.65 NS		
2031.0	360.60 NS	3031.0	386.37 NS	4031.0	374.48 NS		
1032.0	18.03 %	2032.0	21.30 %	3032.0	17.55 %		
4032.0	18.05 %	1033.0	0.307 V/US	2033.0	0.296 V/US		
3033.0	0.277 V/US	4033.0	0.288 V/US	1034.0	0.322 V/US		
2034.0	0.316 V/US	3034.0	0.292 V/US	4034.0	0.303 V/US		

DEVICE 7 BIN 1 HEAD 3 01:54 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	457.2 UA
900.0	2.96 MA	1001.0	-0.571 MV	2001.0	-0.540 MV
3001.0	-0.700 MV	4001.0	-0.177 MV	1002.0	-0.076 MV
2002.0	-0.002 MV	3002.0	-0.172 MV	4002.0	0.424 MV
1003.0	-0.76 MV	2003.0	-0.73 MV	3003.0	-0.80 MV
4003.0	-0.35 MV	1004.0	-0.67 MV	2004.0	-0.63 MV
3004.0	-0.73 MV	4004.0	-0.25 MV	1005.0	1.79 NA
2005.0	-0.38 NA	3005.0	-0.14 NA	4005.0	0.81 NA
1006.0	0.54 NA	2006.0	-0.08 NA	3006.0	-0.15 NA
4006.0	-0.01 NA	1007.0	1.15 NA	2007.0	-0.35 NA
3007.0	-0.22 NA	4007.0	-0.00 NA	1008.0	0.96 NA
2008.0	-0.23 NA	3008.0	-0.33 NA	4008.0	0.36 NA
1009.0	-41.51 NA	2009.0	-42.18 NA	3009.0	-40.96 NA
4009.0	-41.88 NA	1010.0	-22.44 NA	2010.0	-22.29 NA
3010.0	-22.08 NA	4010.0	-22.50 NA	1011.0	-28.90 NA
2011.0	-28.66 NA	3011.0	-28.60 NA	4011.0	-28.75 NA
1012.0	-26.08 NA	2012.0	-26.01 NA	3012.0	-25.86 NA
4012.0	-26.15 NA	1013.0	-43.30 NA	2013.0	-41.80 NA
3013.0	-40.82 NA	4013.0	-42.70 NA	1014.0	-22.98 NA
2014.0	-22.21 NA	3014.0	-21.92 NA	4014.0	-22.50 NA
1015.0	-30.05 NA	2015.0	-28.31 NA	3015.0	-28.38 NA
4015.0	-28.75 NA	116.0	-27.04 NA	216.0	-25.79 NA
316.0	-25.53 NA	416.0	-26.52 NA	1017.0	3.02 UV
2017.0	3.20 UV	3017.0	-0.01 UV	4017.0	2.85 UV
1018.0	95.05 DB	2018.0	94.33 DB	3018.0	94.50 DB
4018.0	93.37 DB	1019.0	-39.7 MA	2019.0	-40.2 MA
3019.0	-39.9 MA	4019.0	-38.8 MA	61.0	1.72 MA
1020.0	28.585 V	2020.0	28.579 V	3020.0	28.569 V
4020.0	28.572 V	1021.0	27.946 V	2021.0	27.930 V
3021.0	27.919 V	4021.0	27.938 V	1022.0	112.59 V/MV
2022.0	105.74 V/MV	3022.0	103.01 V/MV	4022.0	115.98 V/MV
1023.0	70.45 V/MV	2023.0	71.59 V/MV	3023.0	75.68 V/MV
4023.0	72.82 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	2.010 MV	2026.0	1.967 MV	3026.0	1.623 MV
4026.0	1.631 MV	1027.0	0.878 V	2027.0	0.876 V
3027.0	0.875 V	4027.0	0.877 V	1028.0	5 MV
2028.0	5 MV	3028.0	4 MV	4028.0	5 MV
1029.0	28.345 V	2029.0	28.342 V	3029.0	28.329 V
4029.0	28.332 V	1030.0	2.87 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	354.65 NS
2031.0	367.54 NS	3031.0	387.36 NS	4031.0	380.42 NS
1032.0	17.37 %	2032.0	20.73 %	3032.0	18.03 %
4032.0	18.10 %	1033.0	0.306 V/US	2033.0	0.292 V/US
3033.0	0.277 V/US	4033.0	0.283 V/US	1034.0	0.318 V/US
2034.0	0.310 V/US	3034.0	0.290 V/US	4034.0	0.297 V/US

DEVICE	8	BIN	1	HEAD	3	01:55 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	451.1 UA		
900.0	3.08 MA	1001.0	-0.801 MV	2001.0	-0.549 MV		
3001.0	-0.531 MV	4001.0	-0.311 MV	1002.0	-0.218 MV		
2002.0	0.016 MV	3002.0	0.013 MV	4002.0	0.226 MV		
1003.0	-0.98 MV	2003.0	-0.75 MV	3003.0	-0.68 MV		
4003.0	-0.49 MV	1004.0	-0.87 MV	2004.0	-0.64 MV		
3004.0	-0.62 MV	4004.0	-0.43 MV	1005.0	-0.02 NA		
2005.0	0.05 NA	3005.0	0.62 NA	4005.0	-0.08 NA		
1006.0	-0.18 NA	2006.0	-0.34 NA	3006.0	0.05 NA		
4006.0	-0.17 NA	1007.0	0.06 NA	2007.0	-0.10 NA		
3007.0	0.37 NA	4007.0	-0.26 NA	1008.0	-0.16 NA		
2008.0	-0.08 NA	3008.0	0.27 NA	4008.0	-0.14 NA		
1009.0	-43.82 NA	2009.0	-42.44 NA	3009.0	-41.55 NA		
4009.0	-43.53 NA	1010.0	-24.44 NA	2010.0	-23.30 NA		
3010.0	-23.35 NA	4010.0	-24.14 NA	1011.0	-30.60 NA		
2011.0	-29.53 NA	3011.0	-29.28 NA	4011.0	-30.57 NA		
1012.0	-27.85 NA	2012.0	-26.86 NA	3012.0	-26.72 NA		
4012.0	-27.96 NA	1013.0	-43.81 NA	2013.0	-42.50 NA		
3013.0	-42.17 NA	4013.0	-43.45 NA	1014.0	-24.26 NA		
2014.0	-22.96 NA	3014.0	-23.40 NA	4014.0	-23.97 NA		
1015.0	-30.66 NA	2015.0	-29.43 NA	3015.0	-29.65 NA		
4015.0	-30.31 NA	116.0	-27.70 NA	216.0	-26.78 NA		
316.0	-26.99 NA	416.0	-27.82 NA	1017.0	1.86 UV		
2017.0	4.22 UV	3017.0	2.45 UV	4017.0	2.57 UV		
1018.0	93.63 DB	2018.0	93.89 DB	3018.0	94.24 DB		
4018.0	94.33 DB	1019.0	-40.6 MA	2019.0	-39.8 MA		
3019.0	-39.7 MA	4019.0	-39.6 MA	61.0	1.78 MA		
1020.0	28.570 V	2020.0	28.573 V	3020.0	28.565 V		
4020.0	28.558 V	1021.0	27.913 V	2021.0	27.922 V		
3021.0	27.914 V	4021.0	27.905 V	1022.0	92.57 V/MV		
2022.0	119.93 V/MV	3022.0	118.20 V/MV	4022.0	94.68 V/MV		
1023.0	65.12 V/MV	2023.0	75.89 V/MV	3023.0	79.04 V/MV		
4023.0	65.90 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	1.941 MV	2026.0	1.951 MV	3026.0	1.644 MV		
4026.0	1.628 MV	1027.0	0.881 V	2027.0	0.881 V		
3027.0	0.879 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	5 MV	4028.0	4 MV		
1029.0	28.332 V	2029.0	28.337 V	3029.0	28.327 V		
4029.0	28.319 V	1030.0	2.86 V	2030.0	2.86 V		
3030.0	2.85 V	4030.0	2.84 V	1031.0	370.51 NS		
2031.0	382.40 NS	3031.0	400.25 NS	4031.0	389.34 NS		
1032.0	16.63 %	2032.0	20.33 %	3032.0	17.37 %		
4032.0	17.55 %	1033.0	0.292 V/US	2033.0	0.277 V/US		
3033.0	0.265 V/US	4033.0	0.271 V/US	1034.0	0.307 V/US		
2034.0	0.296 V/US	3034.0	0.276 V/US	4034.0	0.285 V/US		

100k

9B5571G019

DEVICE	1	BIN	1	HEAD	3	02:11 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	503.8 UA		
900.0	0.76 MA	1001.0	0.402 MV	2001.0	-0.128 MV		
3001.0	-0.223 MV	4001.0	0.008 MV	1002.0	0.938 MV		
2002.0	0.404 MV	3002.0	0.343 MV	4002.0	0.556 MV		
1003.0	0.36 MV	2003.0	-0.15 MV	3003.0	-0.19 MV		
4003.0	-0.02 MV	1004.0	0.48 MV	2004.0	-0.05 MV		
3004.0	-0.12 MV	4004.0	0.06 MV	1005.0	0.30 NA		
2005.0	-0.06 NA	3005.0	0.13 NA	4005.0	-0.23 NA		
1006.0	-0.12 NA	2006.0	-0.10 NA	3006.0	-0.03 NA		
4006.0	-0.13 NA	1007.0	0.06 NA	2007.0	0.18 NA		
3007.0	-0.12 NA	4007.0	0.06 NA	1008.0	0.18 NA		
2008.0	-0.03 NA	3008.0	-0.02 NA	4008.0	0.05 NA		
1009.0	-17.24 NA	2009.0	-16.57 NA	3009.0	-15.97 NA		
4009.0	-17.30 NA	1010.0	-8.88 NA	2010.0	-8.65 NA		
3010.0	-8.38 NA	4010.0	-8.93 NA	1011.0	-11.07 NA		
2011.0	-10.37 NA	3011.0	-10.43 NA	4011.0	-10.98 NA		
1012.0	-10.04 NA	2012.0	-9.88 NA	3012.0	-9.64 NA		
4012.0	-10.09 NA	1013.0	-17.54 NA	2013.0	-16.51 NA		
3013.0	-16.10 NA	4013.0	-17.07 NA	1014.0	-8.76 NA		
2014.0	-8.55 NA	3014.0	-8.35 NA	4014.0	-8.80 NA		
1015.0	-11.13 NA	2015.0	-10.55 NA	3015.0	-10.31 NA		
4015.0	-11.04 NA	116.0	-10.22 NA	216.0	-9.86 NA		
316.0	-9.63 NA	416.0	-10.14 NA	1017.0	0.95 UV		
2017.0	0.79 UV	3017.0	-1.11 UV	4017.0	1.23 UV		
1018.0	94.36 DB	2018.0	94.43 DB	3018.0	93.89 DB		
4018.0	94.16 DB	1019.0	-40.0 MA	2019.0	-40.3 MA		
3019.0	-40.1 MA	4019.0	-39.2 MA	61.0	1.02 MA		
1020.0	28.611 V	2020.0	28.609 V	3020.0	28.602 V		
4020.0	28.598 V	1021.0	28.028 V	2021.0	28.023 V		
3021.0	28.014 V	4021.0	28.021 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	166.90 V/MV	2023.0	180.57 V/MV	3023.0	185.10 V/MV		
4023.0	172.38 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	1.599 MV	2026.0	1.580 MV	3026.0	1.215 MV		
4026.0	1.384 MV	1027.0	0.873 V	2027.0	0.873 V		
3027.0	0.872 V	4027.0	0.873 V	1028.0	8 MV		
2028.0	9 MV	3028.0	8 MV	4028.0	8 MV		
1029.0	28.371 V	2029.0	28.371 V	3029.0	28.362 V		
4029.0	28.357 V	1030.0	2.88 V	2030.0	2.88 V		
3030.0	2.87 V	4030.0	2.87 V	1031.0	342.76 NS		
2031.0	364.56 NS	3031.0	381.41 NS	4031.0	367.54 NS		
1032.0	18.03 %	2032.0	18.61 %	3032.0	15.09 %		
4032.0	14.55 %	1033.0	0.319 V/US	2033.0	0.304 V/US		
3033.0	0.281 V/US	4033.0	0.298 V/US	1034.0	0.328 V/US		
2034.0	0.315 V/US	3034.0	0.292 V/US	4034.0	0.311 V/US		

DEVICE	2	BIN	1	HEAD	3	02:11 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	509.0 UA		
900.0	0.77 MA	1001.0	-0.060 MV	2001.0	-0.184 MV		
3001.0	0.046 MV	4001.0	0.002 MV	1002.0	0.481 MV		
2002.0	0.378 MV	3002.0	0.597 MV	4002.0	0.479 MV		
1003.0	-0.10 MV	2003.0	-0.18 MV	3003.0	0.04 MV		
4003.0	-0.02 MV	1004.0	0.01 MV	2004.0	-0.08 MV		
3004.0	0.12 MV	4004.0	0.06 MV	1005.0	0.25 NA		
2005.0	0.08 NA	3005.0	0.03 NA	4005.0	0.23 NA		
1006.0	0.07 NA	2006.0	-0.13 NA	3006.0	-0.02 NA		
4006.0	-0.11 NA	1007.0	0.30 NA	2007.0	-0.08 NA		
3007.0	0.07 NA	4007.0	0.06 NA	1008.0	-0.04 NA		
2008.0	-0.02 NA	3008.0	0.05 NA	4008.0	-0.14 NA		
1009.0	-17.35 NA	2009.0	-16.49 NA	3009.0	-16.69 NA		
4009.0	-17.12 NA	1010.0	-8.97 NA	2010.0	-8.80 NA		
3010.0	-8.78 NA	4010.0	-9.05 NA	1011.0	-11.12 NA		
2011.0	-10.55 NA	3011.0	-10.72 NA	4011.0	-11.09 NA		
1012.0	-10.23 NA	2012.0	-9.94 NA	3012.0	-9.96 NA		
4012.0	-10.27 NA	1013.0	-17.60 NA	2013.0	-16.58 NA		
3013.0	-16.72 NA	4013.0	-17.35 NA	1014.0	-9.05 NA		
2014.0	-8.66 NA	3014.0	-8.76 NA	4014.0	-8.94 NA		
1015.0	-11.43 NA	2015.0	-10.47 NA	3015.0	-10.79 NA		
4015.0	-11.15 NA	116.0	-10.19 NA	216.0	-9.92 NA		

316.0	-10.00 NA	416.0	-10.13 NA	1017.0	1.07 UV
2017.0	-0.17 UV	3017.0	0.26 UV	4017.0	0.77 UV
1018.0	94.28 DB	2018.0	93.95 DB	3018.0	94.13 DB
4018.0	95.38 DB	1019.0	-40.0 MA	2019.0	-40.3 MA
3019.0	-40.3 MA	4019.0	-39.1 MA	61.0	1.03 MA
1020.0	28.612 V	2020.0	28.610 V	3020.0	28.601 V
4020.0	28.598 V	1021.0	28.030 V	2021.0	28.026 V
3021.0	28.019 V	4021.0	28.023 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	169.64 V/MV	2023.0	178.76 V/MV	3023.0	185.72 V/MV
4023.0	166.37 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	1.712 MV	2026.0	1.575 MV	3026.0	1.231 MV
4026.0	1.308 MV	1027.0	0.874 V	2027.0	0.874 V
3027.0	0.872 V	4027.0	0.873 V	1028.0	8 MV
2028.0	8 MV	3028.0	8 MV	4028.0	8 MV
1029.0	28.372 V	2029.0	28.372 V	3029.0	28.361 V
4029.0	28.357 V	1030.0	2.88 V	2030.0	2.88 V
3030.0	2.87 V	4030.0	2.87 V	1031.0	322.93 NS
2031.0	331.85 NS	3031.0	344.74 NS	4031.0	344.74 NS
1032.0	18.80 %	2032.0	21.85 %	3032.0	19.27 %
4032.0	18.80 %	1033.0	0.317 V/US	2033.0	0.303 V/US
3033.0	0.290 V/US	4033.0	0.297 V/US	1034.0	0.331 V/US
2034.0	0.314 V/US	3034.0	0.299 V/US	4034.0	0.309 V/US

DEVICE 3 BIN 1 HEAD 3 02:12 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	459.5 UA
900.0	3.58 MA	1001.0	-0.403 MV	2001.0	-0.497 MV
3001.0	-0.572 MV	4001.0	-0.453 MV	1002.0	0.135 MV
2002.0	0.066 MV	3002.0	-0.090 MV	4002.0	0.106 MV
1003.0	-0.64 MV	2003.0	-0.72 MV	3003.0	-0.80 MV
4003.0	-0.68 MV	1004.0	-0.54 MV	2004.0	-0.62 MV
3004.0	-0.72 MV	4004.0	-0.60 MV	1005.0	0.59 NA
2005.0	-1.00 NA	3005.0	-0.11 NA	4005.0	0.41 NA
1006.0	0.03 NA	2006.0	-0.25 NA	3006.0	0.07 NA
4006.0	0.08 NA	1007.0	0.20 NA	2007.0	-0.49 NA
3007.0	-0.24 NA	4007.0	0.23 NA	1008.0	0.26 NA
2008.0	-0.51 NA	3008.0	-0.04 NA	4008.0	0.21 NA
1009.0	-45.19 NA	2009.0	-45.70 NA	3009.0	-41.75 NA
4009.0	-44.23 NA	1010.0	-21.23 NA	2010.0	-21.00 NA
3010.0	-19.29 NA	4010.0	-20.85 NA	1011.0	-31.31 NA
2011.0	-31.07 NA	3011.0	-29.27 NA	4011.0	-30.57 NA
1012.0	-27.91 NA	2012.0	-27.66 NA	3012.0	-26.02 NA
4012.0	-27.37 NA	1013.0	-45.78 NA	2013.0	-44.69 NA
3013.0	-41.63 NA	4013.0	-44.63 NA	1014.0	-21.26 NA
2014.0	-20.74 NA	3014.0	-19.36 NA	4014.0	-20.92 NA
1015.0	-31.50 NA	2015.0	-30.58 NA	3015.0	-29.03 NA
4015.0	-30.80 NA	116.0	-28.16 NA	216.0	-27.15 NA
316.0	-25.98 NA	416.0	-27.58 NA	1017.0	3.93 UV
2017.0	3.69 UV	3017.0	3.13 UV	4017.0	4.07 UV
1018.0	94.34 DB	2018.0	93.93 DB	3018.0	95.27 DB
4018.0	93.99 DB	1019.0	-39.9 MA	2019.0	-40.1 MA
3019.0	-39.7 MA	4019.0	-39.0 MA	61.0	1.88 MA
1020.0	28.577 V	2020.0	28.571 V	3020.0	28.563 V
4020.0	28.565 V	1021.0	27.925 V	2021.0	27.902 V
3021.0	27.888 V	4021.0	27.910 V	1022.0	92.67 V/MV
2022.0	84.80 V/MV	3022.0	81.34 V/MV	4022.0	91.09 V/MV
1023.0	63.69 V/MV	2023.0	62.37 V/MV	3023.0	60.73 V/MV
4023.0	62.62 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	2.199 MV	2026.0	2.204 MV	3026.0	1.661 MV
4026.0	1.721 MV	1027.0	0.876 V	2027.0	0.874 V
3027.0	0.874 V	4027.0	0.876 V	1028.0	5 MV
2028.0	5 MV	3028.0	4 MV	4028.0	4 MV
1029.0	28.341 V	2029.0	28.336 V	3029.0	28.323 V
4029.0	28.326 V	1030.0	2.87 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	338.79 NS
2031.0	348.70 NS	3031.0	389.34 NS	4031.0	379.43 NS
1032.0	17.05 %	2032.0	21.30 %	3032.0	17.37 %
4032.0	17.79 %	1033.0	0.316 V/US	2033.0	0.303 V/US
3033.0	0.268 V/US	4033.0	0.281 V/US	1034.0	0.328 V/US
2034.0	0.323 V/US	3034.0	0.278 V/US	4034.0	0.296 V/US

DEVICE	4	BIN	1	HEAD	3	02:12 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	447.7 UA		
900.0	3.57 MA	1001.0	-0.677 MV	2001.0	-0.691 MV		
3001.0	-0.740 MV	4001.0	-0.430 MV	1002.0	-0.139 MV		
2002.0	-0.158 MV	3002.0	-0.235 MV	4002.0	0.095 MV		
1003.0	-0.93 MV	2003.0	-0.92 MV	3003.0	-0.94 MV		
4003.0	-0.66 MV	1004.0	-0.83 MV	2004.0	-0.83 MV		
3004.0	-0.87 MV	4004.0	-0.58 MV	1005.0	-0.09 NA		
2005.0	0.35 NA	3005.0	0.81 NA	4005.0	-0.04 NA		
1006.0	0.28 NA	2006.0	-0.15 NA	3006.0	0.34 NA		
4006.0	0.26 NA	1007.0	-0.09 NA	2007.0	0.25 NA		
3007.0	0.52 NA	4007.0	-0.23 NA	1008.0	-0.10 NA		
2008.0	0.25 NA	3008.0	0.39 NA	4008.0	-0.15 NA		
1009.0	-45.68 NA	2009.0	-44.68 NA	3009.0	-43.47 NA		
4009.0	-45.98 NA	1010.0	-22.12 NA	2010.0	-21.76 NA		
3010.0	-21.48 NA	4010.0	-22.73 NA	1011.0	-32.09 NA		
2011.0	-31.05 NA	3011.0	-30.70 NA	4011.0	-32.32 NA		
1012.0	-28.65 NA	2012.0	-27.80 NA	3012.0	-27.59 NA		
4012.0	-29.21 NA	1013.0	-45.58 NA	2013.0	-45.03 NA		
3013.0	-44.28 NA	4013.0	-45.94 NA	1014.0	-22.40 NA		
2014.0	-21.62 NA	3014.0	-21.82 NA	4014.0	-23.00 NA		
1015.0	-32.00 NA	2015.0	-31.30 NA	3015.0	-31.21 NA		
4015.0	-32.09 NA	116.0	-28.55 NA	216.0	-28.05 NA		
316.0	-27.98 NA	416.0	-29.06 NA	1017.0	3.53 UV		
2017.0	4.73 UV	3017.0	3.58 UV	4017.0	2.71 UV		
1018.0	94.31 DB	2018.0	94.41 DB	3018.0	94.89 DB		
4018.0	94.53 DB	1019.0	-40.7 MA	2019.0	-39.6 MA		
3019.0	-39.2 MA	4019.0	-39.5 MA	61.0	1.90 MA		
1020.0	28.566 V	2020.0	28.568 V	3020.0	28.560 V		
4020.0	28.554 V	1021.0	27.894 V	2021.0	27.904 V		
3021.0	27.893 V	4021.0	27.885 V	1022.0	77.02 V/MV		
2022.0	101.15 V/MV	3022.0	97.71 V/MV	4022.0	77.98 V/MV		
1023.0	57.15 V/MV	2023.0	67.98 V/MV	3023.0	70.37 V/MV		
4023.0	57.93 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	2.013 MV	2026.0	1.951 MV	3026.0	1.609 MV		
4026.0	1.654 MV	1027.0	0.881 V	2027.0	0.882 V		
3027.0	0.880 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	4 MV	4028.0	4 MV		
1029.0	28.326 V	2029.0	28.330 V	3029.0	28.320 V		
4029.0	28.313 V	1030.0	2.86 V	2030.0	2.85 V		
3030.0	2.84 V	4030.0	2.84 V	1031.0	331.85 NS		
2031.0	349.70 NS	3031.0	368.53 NS	4031.0	365.55 NS		
1032.0	19.90 %	2032.0	22.28 %	3032.0	18.80 %		
4032.0	18.30 %	1033.0	0.295 V/US	2033.0	0.279 V/US		
3033.0	0.263 V/US	4033.0	0.275 V/US	1034.0	0.309 V/US		
2034.0	0.299 V/US	3034.0	0.278 V/US	4034.0	0.289 V/US		

DEVICE 5 BIN 1 HEAD 3 02:12 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	449.2 UA
900.0	3.70 MA	1001.0	-0.719 MV	2001.0	-0.557 MV
3001.0	-0.794 MV	4001.0	-0.157 MV	1002.0	-0.151 MV
2002.0	-0.000 MV	3002.0	-0.210 MV	4002.0	0.355 MV
1003.0	-0.95 MV	2003.0	-0.81 MV	3003.0	-0.99 MV
4003.0	-0.41 MV	1004.0	-0.84 MV	2004.0	-0.70 MV
3004.0	-0.90 MV	4004.0	-0.34 MV	1005.0	-0.35 NA
2005.0	0.34 NA	3005.0	0.69 NA	4005.0	-0.35 NA
1006.0	-0.05 NA	2006.0	-0.21 NA	3006.0	-0.01 NA
4006.0	0.06 NA	1007.0	-0.29 NA	2007.0	0.15 NA
3007.0	0.42 NA	4007.0	-0.41 NA	1008.0	-0.23 NA
2008.0	0.19 NA	3008.0	0.12 NA	4008.0	-0.37 NA
1009.0	-47.00 NA	2009.0	-45.79 NA	3009.0	-44.21 NA
4009.0	-46.19 NA	1010.0	-21.37 NA	2010.0	-20.62 NA
3010.0	-20.52 NA	4010.0	-21.22 NA	1011.0	-32.94 NA
2011.0	-31.82 NA	3011.0	-31.21 NA	4011.0	-32.54 NA
1012.0	-29.12 NA	2012.0	-28.41 NA	3012.0	-27.87 NA
4012.0	-29.26 NA	1013.0	-46.65 NA	2013.0	-46.13 NA
3013.0	-44.90 NA	4013.0	-45.85 NA	1014.0	-21.32 NA
2014.0	-20.40 NA	3014.0	-20.51 NA	4014.0	-21.28 NA
1015.0	-32.64 NA	2015.0	-31.97 NA	3015.0	-31.63 NA
4015.0	-32.13 NA	116.0	-28.88 NA	216.0	-28.59 NA
316.0	-27.99 NA	416.0	-28.89 NA	1017.0	2.30 UV
2017.0	5.11 UV	3017.0	3.07 UV	4017.0	3.14 UV
1018.0	93.86 DB	2018.0	94.03 DB	3018.0	93.61 DB
4018.0	94.76 DB	1019.0	-40.7 MA	2019.0	-39.7 MA
3019.0	-39.4 MA	4019.0	-39.4 MA	61.0	1.94 MA
1020.0	28.563 V	2020.0	28.566 V	3020.0	28.558 V
4020.0	28.550 V	1021.0	27.884 V	2021.0	27.897 V
3021.0	27.888 V	4021.0	27.874 V	1022.0	72.43 V/MV
2022.0	98.19 V/MV	3022.0	95.21 V/MV	4022.0	72.56 V/MV
1023.0	54.38 V/MV	2023.0	67.83 V/MV	3023.0	70.30 V/MV
4023.0	54.48 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	1.994 MV	2026.0	2.010 MV	3026.0	1.675 MV
4026.0	1.683 MV	1027.0	0.881 V	2027.0	0.882 V
3027.0	0.880 V	4027.0	0.881 V	1028.0	5 MV
2028.0	5 MV	3028.0	4 MV	4028.0	4 MV
1029.0	28.322 V	2029.0	28.328 V	3029.0	28.318 V
4029.0	28.310 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	354.65 NS
2031.0	361.59 NS	3031.0	387.36 NS	4031.0	375.47 NS
1032.0	16.63 %	2032.0	20.73 %	3032.0	17.79 %
4032.0	18.03 %	1033.0	0.296 V/US	2033.0	0.284 V/US
3033.0	0.264 V/US	4033.0	0.274 V/US	1034.0	0.311 V/US
2034.0	0.302 V/US	3034.0	0.276 V/US	4034.0	0.285 V/US

DEVICE	6	BIN	1	HEAD	3	02:13 PM	07/27/2004
600.0	300	700.0	25 DGR	800.0	454.7 UA		
900.0	3.57 MA	1001.0	-0.552 MV	2001.0	-0.749 MV		
3001.0	-0.828 MV	4001.0	-0.625 MV	1002.0	0.008 MV		
2002.0	-0.178 MV	3002.0	-0.315 MV	4002.0	-0.018 MV		
1003.0	-0.77 MV	2003.0	-0.95 MV	3003.0	-1.06 MV		
4003.0	-0.82 MV	1004.0	-0.65 MV	2004.0	-0.86 MV		
3004.0	-0.98 MV	4004.0	-0.74 MV	1005.0	1.14 NA		
2005.0	-0.43 NA	3005.0	-0.57 NA	4005.0	0.54 NA		
1006.0	0.28 NA	2006.0	-0.29 NA	3006.0	-0.22 NA		
4006.0	-0.28 NA	1007.0	0.78 NA	2007.0	-0.26 NA		
3007.0	-0.47 NA	4007.0	0.19 NA	1008.0	0.68 NA		
2008.0	-0.25 NA	3008.0	-0.44 NA	4008.0	0.14 NA		
1009.0	-47.51 NA	2009.0	-47.38 NA	3009.0	-47.28 NA		
4009.0	-47.57 NA	1010.0	-23.52 NA	2010.0	-23.10 NA		
3010.0	-23.38 NA	4010.0	-23.75 NA	1011.0	-32.84 NA		
2011.0	-32.68 NA	3011.0	-33.02 NA	4011.0	-33.35 NA		
1012.0	-29.43 NA	2012.0	-29.30 NA	3012.0	-29.65 NA		
4012.0	-30.03 NA	1013.0	-48.65 NA	2013.0	-46.95 NA		
3013.0	-46.71 NA	4013.0	-48.11 NA	1014.0	-23.80 NA		
2014.0	-22.81 NA	3014.0	-23.16 NA	4014.0	-23.47 NA		
1015.0	-33.62 NA	2015.0	-32.43 NA	3015.0	-32.55 NA		
4015.0	-33.53 NA	116.0	-30.11 NA	216.0	-29.06 NA		
316.0	-29.21 NA	416.0	-30.18 NA	1017.0	3.47 UV		
2017.0	2.07 UV	3017.0	2.77 UV	4017.0	2.66 UV		
1018.0	93.97 DB	2018.0	93.81 DB	3018.0	94.73 DB		
4018.0	93.28 DB	1019.0	-39.8 MA	2019.0	-39.8 MA		
3019.0	-39.7 MA	4019.0	-38.9 MA	61.0	1.87 MA		
1020.0	28.572 V	2020.0	28.561 V	3020.0	28.553 V		
4020.0	28.558 V	1021.0	27.927 V	2021.0	27.900 V		
3021.0	27.893 V	4021.0	27.911 V	1022.0	102.74 V/MV		
2022.0	80.61 V/MV	3022.0	76.94 V/MV	4022.0	94.19 V/MV		
1023.0	68.95 V/MV	2023.0	60.39 V/MV	3023.0	57.60 V/MV		
4023.0	63.25 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	2.104 MV	2026.0	2.104 MV	3026.0	1.743 MV		
4026.0	1.686 MV	1027.0	0.881 V	2027.0	0.880 V		
3027.0	0.878 V	4027.0	0.880 V	1028.0	5 MV		
2028.0	5 MV	3028.0	4 MV	4028.0	5 MV		
1029.0	28.333 V	2029.0	28.323 V	3029.0	28.312 V		
4029.0	28.317 V	1030.0	2.86 V	2030.0	2.85 V		
3030.0	2.84 V	4030.0	2.84 V	1031.0	342.76 NS		
2031.0	345.73 NS	3031.0	375.47 NS	4031.0	361.59 NS		
1032.0	17.80 %	2032.0	21.30 %	3032.0	18.10 %		
4032.0	18.37 %	1033.0	0.312 V/US	2033.0	0.302 V/US		
3033.0	0.279 V/US	4033.0	0.290 V/US	1034.0	0.328 V/US		
2034.0	0.322 V/US	3034.0	0.294 V/US	4034.0	0.305 V/US		

DEVICE 7 BIN 1 HEAD 3 02:13 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	462.5 UA
900.0	3.69 MA	1001.0	-0.612 MV	2001.0	-0.594 MV
3001.0	-0.762 MV	4001.0	-0.225 MV	1002.0	-0.123 MV
2002.0	-0.045 MV	3002.0	-0.247 MV	4002.0	0.365 MV
1003.0	-0.85 MV	2003.0	-0.84 MV	3003.0	-0.93 MV
4003.0	-0.45 MV	1004.0	-0.77 MV	2004.0	-0.74 MV
3004.0	-0.85 MV	4004.0	-0.35 MV	1005.0	2.13 NA
2005.0	-0.63 NA	3005.0	-0.31 NA	4005.0	0.69 NA
1006.0	0.77 NA	2006.0	-0.16 NA	3006.0	0.11 NA
4006.0	0.27 NA	1007.0	1.36 NA	2007.0	-0.36 NA
3007.0	-0.37 NA	4007.0	0.34 NA	1008.0	1.02 NA
2008.0	-0.44 NA	3008.0	-0.25 NA	4008.0	0.20 NA
1009.0	-45.86 NA	2009.0	-46.83 NA	3009.0	-44.25 NA
4009.0	-44.98 NA	1010.0	-20.11 NA	2010.0	-20.26 NA
3010.0	-19.29 NA	4010.0	-19.97 NA	1011.0	-31.59 NA
2011.0	-31.96 NA	3011.0	-30.81 NA	4011.0	-31.17 NA
1012.0	-28.15 NA	2012.0	-28.27 NA	3012.0	-27.32 NA
4012.0	-27.63 NA	1013.0	-47.99 NA	2013.0	-46.20 NA
3013.0	-43.94 NA	4013.0	-45.67 NA	1014.0	-20.88 NA
2014.0	-20.10 NA	3014.0	-19.41 NA	4014.0	-20.23 NA
1015.0	-32.96 NA	2015.0	-31.60 NA	3015.0	-30.44 NA
4015.0	-31.51 NA	116.0	-29.18 NA	216.0	-27.84 NA
316.0	-27.07 NA	416.0	-27.83 NA	1017.0	3.47 UV
2017.0	3.86 UV	3017.0	0.87 UV	4017.0	3.46 UV
1018.0	95.16 DB	2018.0	94.15 DB	3018.0	94.71 DB
4018.0	93.53 DB	1019.0	-39.7 MA	2019.0	-40.2 MA
3019.0	-39.9 MA	4019.0	-38.8 MA	61.0	1.92 MA
1020.0	28.576 V	2020.0	28.571 V	3020.0	28.561 V
4020.0	28.564 V	1021.0	27.922 V	2021.0	27.903 V
3021.0	27.889 V	4021.0	27.912 V	1022.0	86.00 V/MV
2022.0	80.22 V/MV	3022.0	79.17 V/MV	4022.0	88.42 V/MV
1023.0	59.62 V/MV	2023.0	58.88 V/MV	3023.0	61.54 V/MV
4023.0	61.33 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	2.104 MV	2026.0	2.221 MV	3026.0	1.686 MV
4026.0	1.705 MV	1027.0	0.876 V	2027.0	0.875 V
3027.0	0.874 V	4027.0	0.876 V	1028.0	5 MV
2028.0	5 MV	3028.0	4 MV	4028.0	4 MV
1029.0	28.338 V	2029.0	28.334 V	3029.0	28.321 V
4029.0	28.327 V	1030.0	2.86 V	2030.0	2.86 V
3030.0	2.85 V	4030.0	2.85 V	1031.0	336.81 NS
2031.0	343.75 NS	3031.0	383.40 NS	4031.0	362.58 NS
1032.0	16.39 %	2032.0	19.03 %	3032.0	17.13 %
4032.0	18.35 %	1033.0	0.321 V/US	2033.0	0.312 V/US
3033.0	0.278 V/US	4033.0	0.285 V/US	1034.0	0.334 V/US
2034.0	0.330 V/US	3034.0	0.291 V/US	4034.0	0.299 V/US

DEVICE 8 BIN 1 HEAD 3 02:13 PM 07/27/2004

600.0	300	700.0	25 DGR	800.0	452.9 UA
900.0	3.77 MA	1001.0	-0.862 MV	2001.0	-0.603 MV
3001.0	-0.602 MV	4001.0	-0.364 MV	1002.0	-0.299 MV
2002.0	-0.048 MV	3002.0	-0.072 MV	4002.0	0.145 MV
1003.0	-1.11 MV	2003.0	-0.86 MV	3003.0	-0.81 MV
4003.0	-0.62 MV	1004.0	-1.00 MV	2004.0	-0.75 MV
3004.0	-0.74 MV	4004.0	-0.55 MV	1005.0	-0.16 NA
2005.0	0.40 NA	3005.0	0.77 NA	4005.0	-0.30 NA
1006.0	0.04 NA	2006.0	-0.21 NA	3006.0	0.08 NA
4006.0	0.18 NA	1007.0	-0.13 NA	2007.0	0.20 NA
3007.0	0.45 NA	4007.0	-0.25 NA	1008.0	-0.14 NA
2008.0	0.24 NA	3008.0	0.29 NA	4008.0	-0.07 NA
1009.0	-48.11 NA	2009.0	-46.69 NA	3009.0	-44.74 NA
4009.0	-46.97 NA	1010.0	-20.62 NA	2010.0	-19.86 NA
3010.0	-19.32 NA	4010.0	-20.16 NA	1011.0	-33.57 NA
2011.0	-32.33 NA	3011.0	-31.73 NA	4011.0	-33.01 NA
1012.0	-29.57 NA	2012.0	-28.68 NA	3012.0	-28.16 NA
4012.0	-29.37 NA	1013.0	-47.96 NA	2013.0	-47.10 NA
3013.0	-45.51 NA	4013.0	-46.67 NA	1014.0	-20.66 NA
2014.0	-19.66 NA	3014.0	-19.41 NA	4014.0	-20.34 NA
1015.0	-33.44 NA	2015.0	-32.53 NA	3015.0	-32.18 NA
4015.0	-32.75 NA	116.0	-29.43 NA	216.0	-28.92 NA
316.0	-28.45 NA	416.0	-29.30 NA	1017.0	2.59 UV
2017.0	4.81 UV	3017.0	3.15 UV	4017.0	3.43 UV
1018.0	93.94 DB	2018.0	94.06 DB	3018.0	94.45 DB
4018.0	94.81 DB	1019.0	-40.6 MA	2019.0	-39.8 MA
3019.0	-39.6 MA	4019.0	-39.5 MA	61.0	1.97 MA
1020.0	28.562 V	2020.0	28.565 V	3020.0	28.558 V
4020.0	28.551 V	1021.0	27.887 V	2021.0	27.896 V
3021.0	27.889 V	4021.0	27.878 V	1022.0	72.71 V/MV
2022.0	91.17 V/MV	3022.0	89.84 V/MV	4022.0	73.34 V/MV
1023.0	55.26 V/MV	2023.0	64.20 V/MV	3023.0	65.68 V/MV
4023.0	55.16 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	2.049 MV	2026.0	2.051 MV	3026.0	1.599 MV
4026.0	1.609 MV	1027.0	0.881 V	2027.0	0.882 V
3027.0	0.880 V	4027.0	0.880 V	1028.0	5 MV
2028.0	5 MV	3028.0	4 MV	4028.0	4 MV
1029.0	28.322 V	2029.0	28.327 V	3029.0	28.318 V
4029.0	28.309 V	1030.0	2.85 V	2030.0	2.85 V
3030.0	2.84 V	4030.0	2.84 V	1031.0	351.68 NS
2031.0	338.79 NS	3031.0	367.54 NS	4031.0	368.53 NS
1032.0	14.55 %	2032.0	22.03 %	3032.0	18.62 %
4032.0	18.03 %	1033.0	0.303 V/US	2033.0	0.288 V/US
3033.0	0.268 V/US	4033.0	0.275 V/US	1034.0	0.318 V/US
2034.0	0.308 V/US	3034.0	0.279 V/US	4034.0	0.288 V/US