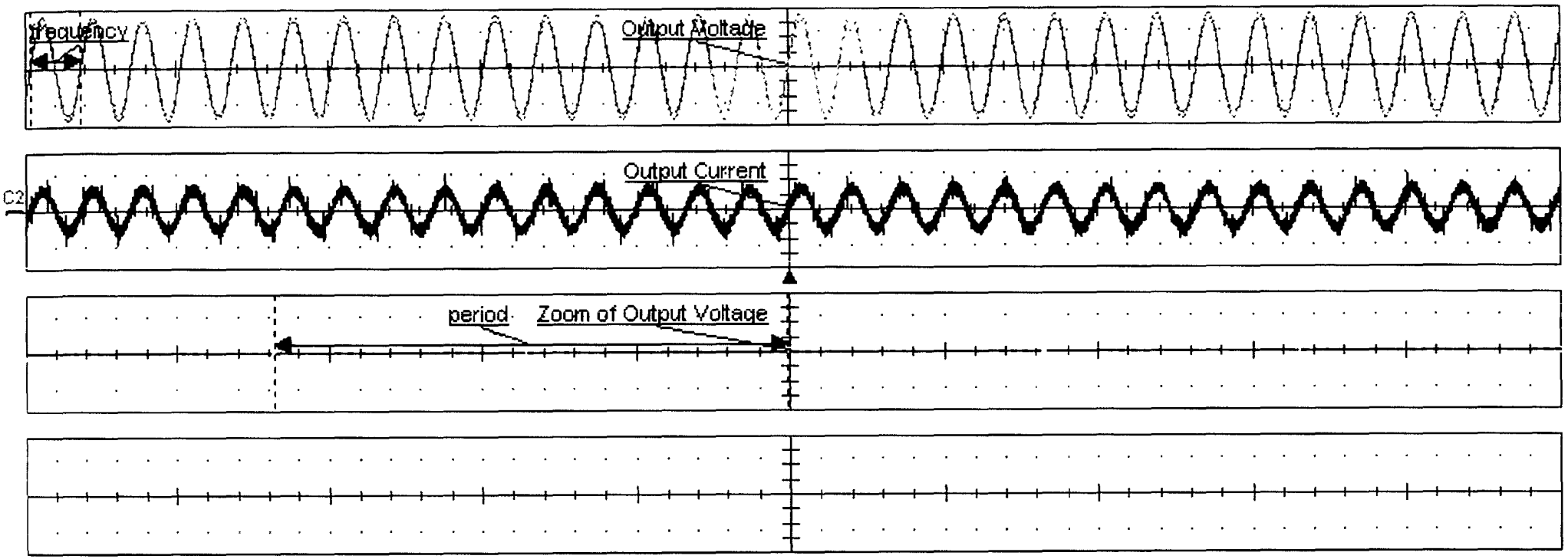
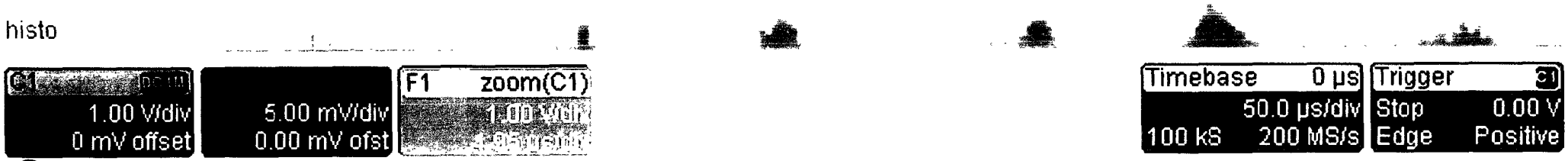
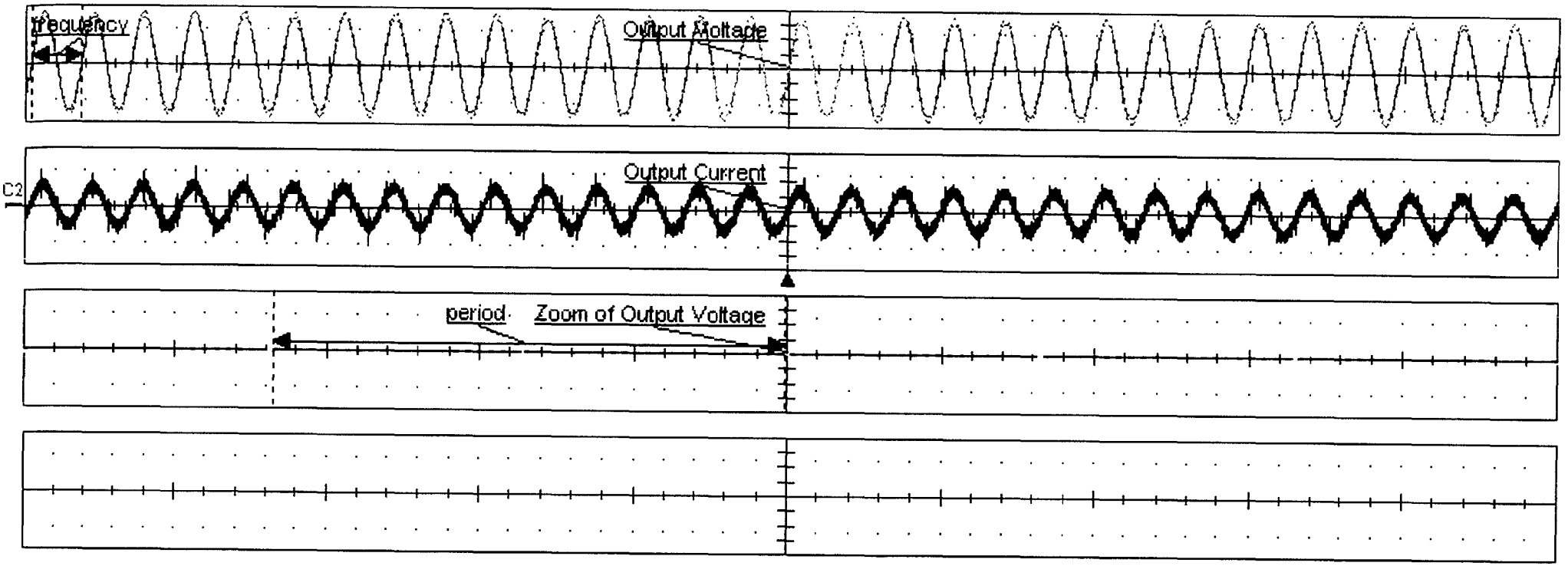


Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.12 V	2.400 V	24.3 mV	4.88 mV	60.5876 kHz	16.52416 µs
mean	7.0970 V	2.39877 V	24.636 mV	4.8761 mV	60.540 kHz	16.5142201 µs
min	6.98 V	2.368 V	22.5 mV	4.81 mV	60.3 kHz	16.42500 µs
max	7.20 V	2.410 V	26.7 mV	4.91 mV	61.0 kHz	16.58081 µs
sdev	33.4 mV	7.96 mV	820 µV	19.5 µV	91 Hz	25.5174 ns
num	202	202	202	202	6.060e+3	404
status	✓	✓	✓	✓	✓	

histo



0728 1-



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.12 V	2.380 V	25.9 mV	4.84 mV	60.6244 kHz	16.54266 µs
mean	7.0803 V	2.37983 V	24.545 mV	4.8344 mV	60.527 kHz	16.5201111 µs
min	7.03 V	2.378 V	22.8 mV	4.81 mV	60.2 kHz	16.39328 µs
max	7.20 V	2.383 V	26.3 mV	4.85 mV	61.0 kHz	16.58985 µs
sdev	29.4 mV	1.01 mV	685 µV	8.0 µV	120 Hz	33.4542 ns
num	208	208	208	208	6.240e+3	416
status	✔	✔	✔	✔	✔	✔

histo

0729 2

Section 3 Var Bat Volt SP2
019235

	P1	P2	P3	P4	P5	P6	11:33:44 22.9C	34%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	7.292109	2.489025	0.022097	0.005169	60898.97	1.64E-05		
Mean	7.304825	2.479395	0.022867	0.005147	60747.71	1.65E-05		
Max	7.424692	2.497475	0.025854	0.005199	61132.5	1.66E-05		
Min	6.938552	2.339618	0.020771	0.004838	60259.86	1.64E-05		
Num	212	212	212	212	6360	424		
St Dev	0.06797	0.022034	0.000781	4.99E-05	133.1607	3.82E-08		

1.12V

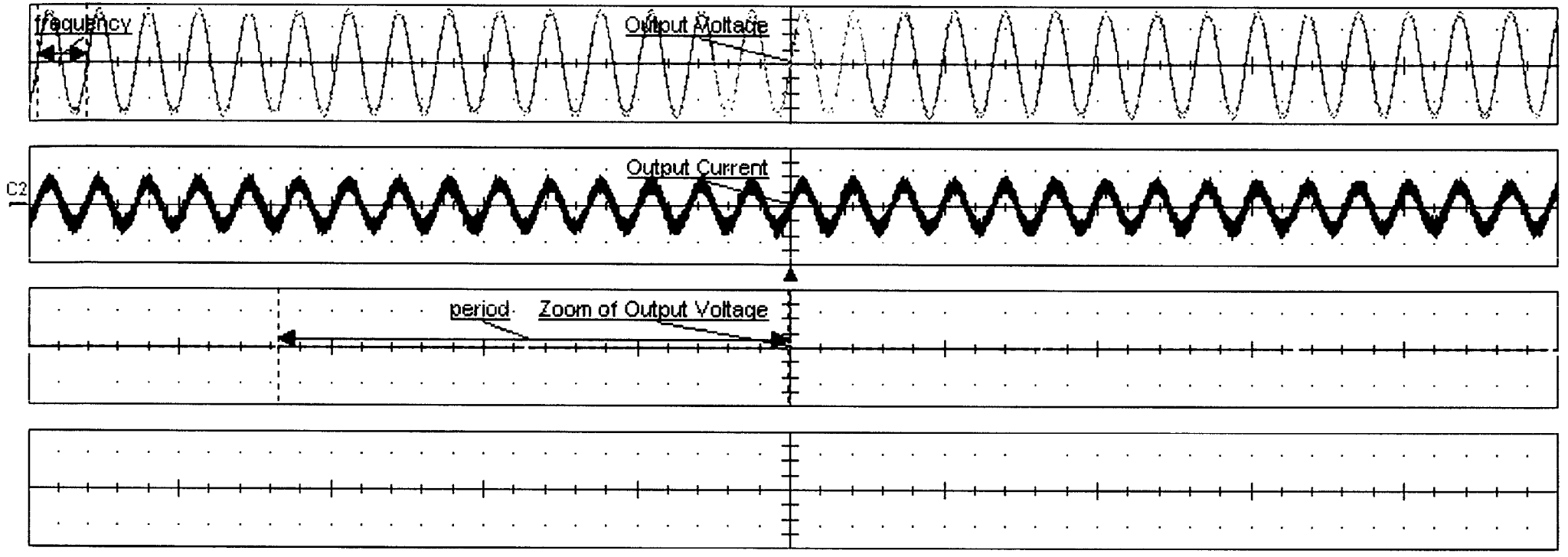
	P1	P2	P3	P4	P5	P6	11:36:49
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	7.336303	2.488928	0.022097	0.005169	60898.55	1.64E-05	
Mean	7.314511	2.482384	0.02293	0.005157	60752.14	1.65E-05	
Max	7.424692	2.496051	0.025633	0.005208	61136.12	1.66E-05	
Min	7.247914	2.469159	0.020771	0.005107	60309.01	1.64E-05	
Num	217	217	217	217	6510	434	
St Dev	0.036031	0.007216	0.00084	2.09E-05	129.9537	3.49E-08	

1.12V

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

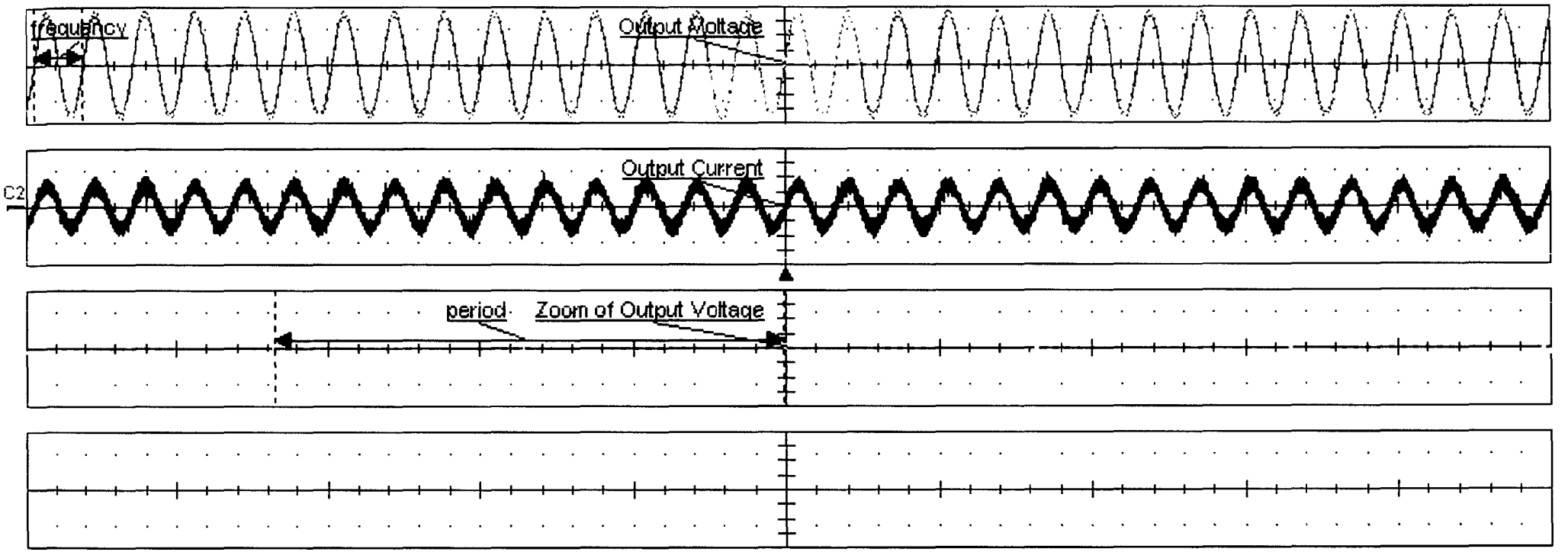
Value
Mean
Max
Min
Num
St Dev



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.29 V	2.489 V	22.1 mV	5.17 mV	60.8890 kHz	16.40318 µs
mean	7.3048 V	2.47939 V	22.867 mV	5.1468 mV	60.7477 kHz	16.4632450 µs
min	6.94 V	2.340 V	20.8 mV	4.84 mV	60.26 kHz	16.37358 µs
max	7.42 V	2.497 V	25.9 mV	5.20 mV	61.13 kHz	16.56794 µs
sdev	68.0 mV	22.03 mV	781 µV	49.9 µV	133.2 Hz	38.2114 ns
num	212	212	212	212	6.360e+3	424
status	✔	✔	✔	✔	✔	✔

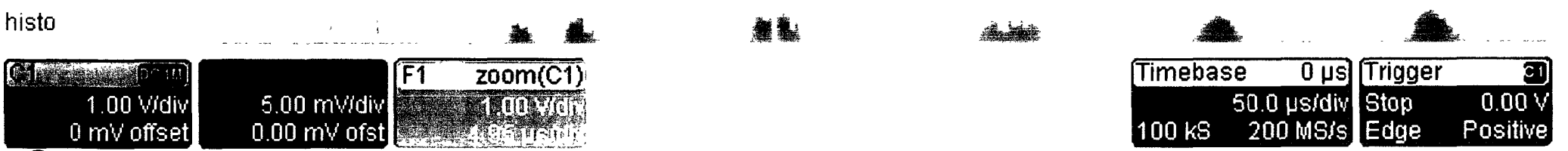
histo

0731 1



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.34 V	2.489 V	22.1 mV	5.17 mV	60.8941 kHz	16.42548 µs
mean	7.3145 V	2.48238 V	22.930 mV	5.1570 mV	60.7521 kHz	16.4608932 µs
min	7.25 V	2.469 V	20.8 mV	5.11 mV	60.31 kHz	16.36542 µs
max	7.42 V	2.496 V	25.6 mV	5.21 mV	61.14 kHz	16.56042 µs
sdev	36.0 mV	7.22 mV	840 µV	20.9 µV	130.0 Hz	34.8519 ns
num	217	217	217	217	6.510e+3	434
status	✔	✔	✔	✔	✔	✔

histo

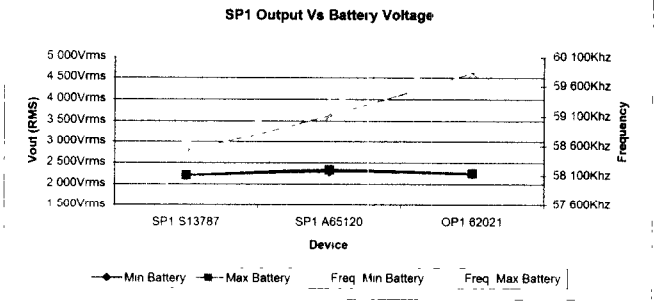


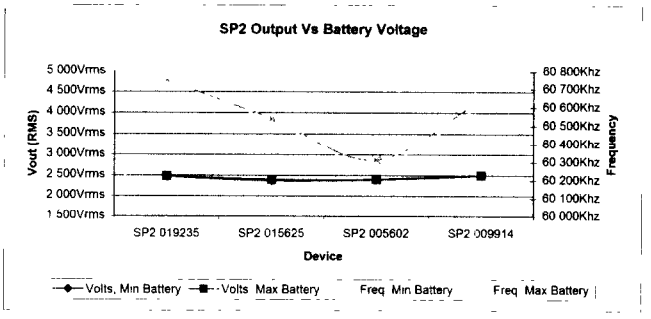
0732

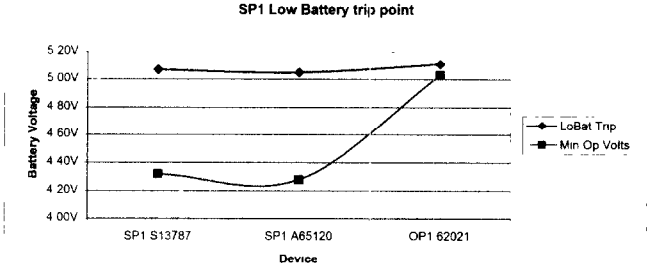
2

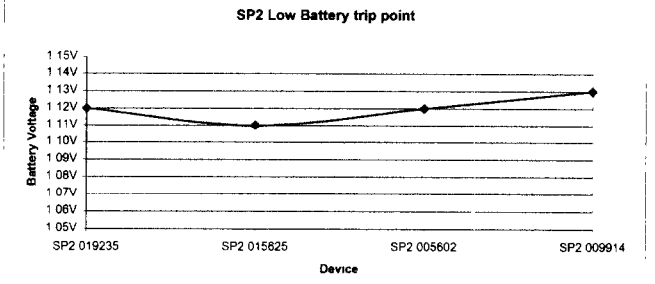
Date

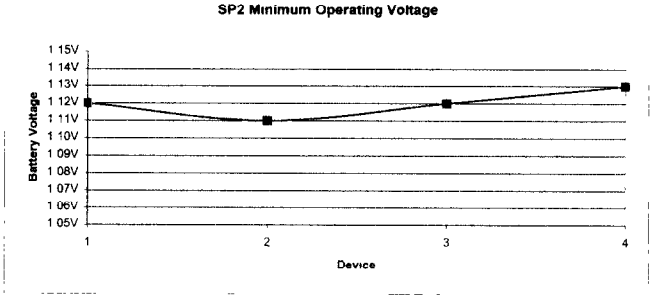
Device Serial#	Rseries	High Battery Test (Using AAMI Load at 500 ohms) Ambient Temp/Humidity	Low Volt trip point	Vpp (RMS)	Ipp (RMS)	Frequency	Freq min	Freq max	Freq StdDev
SP1 S13787	500	24 9C/ 39%	5 07V	2 212Vrms	4 552E-3 Irms	58 507Khz	57 803Khz	59 278Khz	106 632hz
SP1 A65120	500	22 5C/ 33%	5 05V	2 342Vrms	4 840E-3 Irms	59 120Khz	58 147Khz	59 924Khz	241 365hz
OP1 62021	500	22 3C/ 36%	5 11V	2 262Vrms	4 613E-3 Irms	59 821Khz	59 550Khz	60 099Khz	71 257hz
SP2 019235	500	22 9C/ 34%	1 12V	2 479Vrms	5 147E-3 Irms	60 748Khz	60 260Khz	61 133Khz	133 161hz
SP2 015625	500	23 6C/ 43%	1 11V	2 399Vrms	4 876E-3 Irms	60 540Khz	60 257Khz	60 977Khz	90 948hz
SP2 005602	500	22 1C/ 35%	1 12V	2 401Vrms	4 886E-3 Irms	60 315Khz	59 762Khz	60 733Khz	154 574hz
SP2 009914	500	23 5C/ 36%	1 13V	2 498Vrms	5 122E-3 Irms	60 645Khz	60 370Khz	60 875Khz	57 741hz











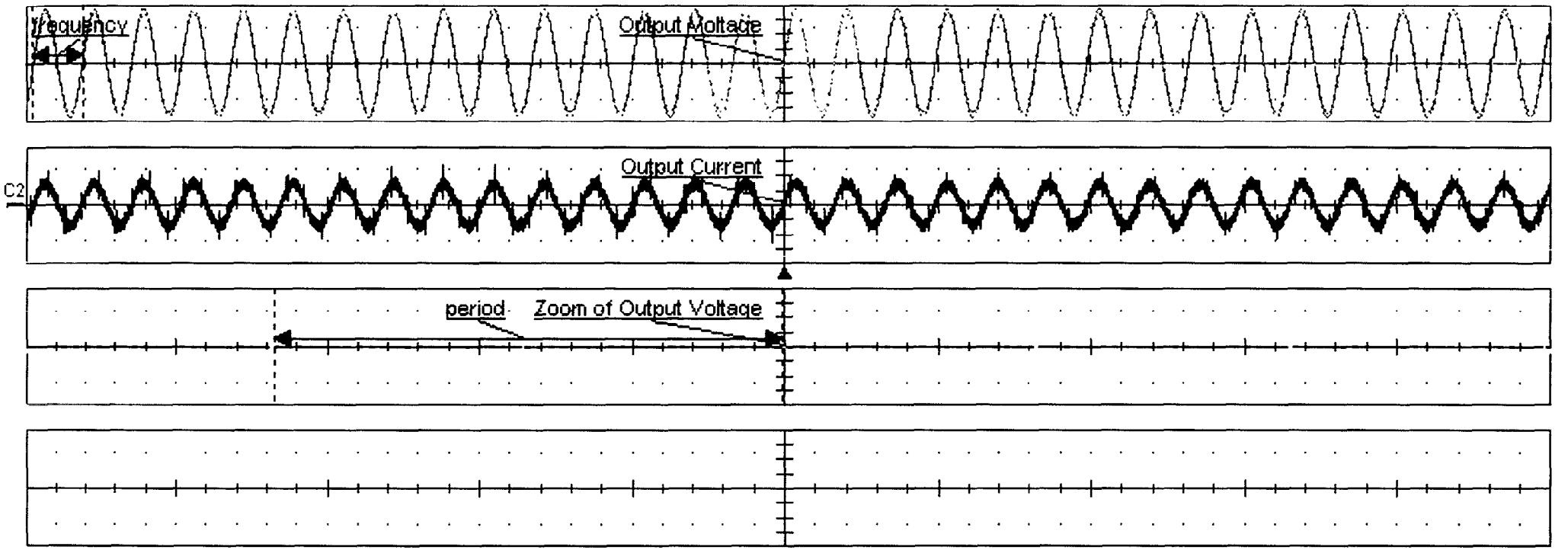
Section 3 VarBat Voltage SP2 009914

	P1	P2	P3	P4	P5	P6	10/4/2005 8:57 23.5C	36%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	7.292109	2.502133	0.026075	0.00513	60574.35	1.65E-05		
Mean	7.323458	2.497519	0.02542	0.005122	60645.03	1.65E-05		
Max	7.424692	2.508968	0.027843	0.00515	60875.02	1.65E-05		
Min	7.247914	2.483936	0.023644	0.005081	60370.01	1.64E-05		
Num	203	203	203	203	6090	406		
St Dev	0.033674	0.00547	0.000674	1.36E-05	57.74122	1.51E-08		

1.13V

	P1	P2	P3	P4	P5	P6	10/4/2005 8:59
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	7.424692	2.504106	0.025412	0.005139	60614.69	1.65E-05	
Mean	7.342252	2.504045	0.025527	0.00514	60615.08	1.65E-05	
Max	7.424692	2.515435	0.028285	0.005178	60876.04	1.66E-05	
Min	7.247914	2.479372	0.024086	0.005093	60352.42	1.64E-05	
Num	208	208	208	208	6240	416	
St Dev	0.031584	0.005006	0.00075	1.28E-05	59.95536	1.73E-08	

1.13V

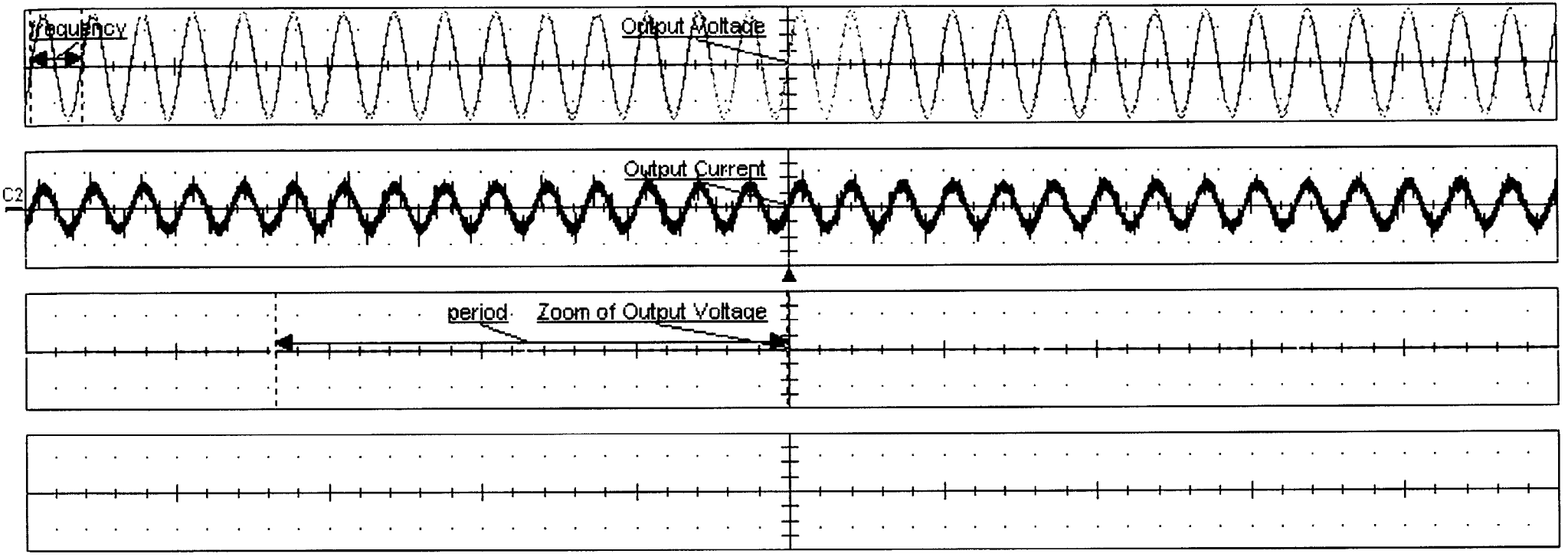


Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.29 V	2.502 V	26.1 mV	5.13 mV	60.5714 kHz	16.48894 µs
mean	7.3235 V	2.49752 V	25.420 mV	5.1216 mV	60.645 kHz	16.4896486 µs
min	7.25 V	2.484 V	23.6 mV	5.08 mV	60.4 kHz	16.44124 µs
max	7.42 V	2.509 V	27.8 mV	5.15 mV	60.9 kHz	16.54628 µs
sdev	33.7 mV	5.47 mV	674 µV	13.6 µV	58 Hz	15.0931 ns
num	203	203	203	203	6.090e+3	406
status	✔	✔	✔	✔	✔	✔

histo

C1	C2	F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.95 µs/div	100 kS 200 MS/s	Edge Positive

0735 1



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.42 V	2.504 V	25.4 mV	5.14 mV	60.6165 kHz	16.53527 µs
mean	7.3423 V	2.50404 V	25.527 mV	5.1403 mV	60.615 kHz	16.4957027 µs
min	7.25 V	2.479 V	24.1 mV	5.09 mV	60.4 kHz	16.44676 µs
max	7.42 V	2.515 V	28.3 mV	5.18 mV	60.9 kHz	16.55167 µs
sdev	31.6 mV	5.01 mV	750 µV	12.8 µV	60 Hz	17.3216 ns
num	208	208	208	208	6.240e+3	416
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	496 µs/div	100 kS 200 MS/s	Edge Positive

0736

2

Section 4 Output vs Temperature (Summary)

Temp/Humidity Test (Using AAMI Load at 500 ohms) 39f, 50%

Device Serial#	Time	Vpp	Vpp (RMS)	Ipp	Ipp (RMS)	Frequency	Period
SP1 S13787	13 09 43	6 452Vpp	2 176Vrms	25 633E-3 Ipp	4 462E-3 Irms	58 471Khz	17 054E-6 S
	13 10 13	6 320Vpp	2 143Vrms	26 738E-3 Ipp	4 411E-3 Irms	58 536Khz	17 017E-6 S
	13 10 43	6 320Vpp	2 147Vrms	26 959E-3 Ipp	4 422E-3 Irms	58 623Khz	17 059E-6 S
	13 11 13	6 408Vpp	2 148Vrms	27 401E-3 Ipp	4 415E-3 Irms	58 671Khz	17 078E-6 S
	13 11 43	6 408Vpp	2 150Vrms	24 970E-3 Ipp	4 415E-3 Irms	58 651Khz	17 077E-6 S
	13 12 13	6 408Vpp	2 155Vrms	28 726E-3 Ipp	4 444E-3 Irms	58 505Khz	17 070E-6 S
	13 12 43	6 364Vpp	2 145Vrms	24 970E-3 Ipp	4 403E-3 Irms	58 693Khz	17 068E-6 S
	13 13 13	6 364Vpp	2 150Vrms	28 064E-3 Ipp	4 426E-3 Irms	58 532Khz	17 079E-6 S
	13 13 43	6 364Vpp	2 151Vrms	27 180E-3 Ipp	4 421E-3 Irms	58 631Khz	17 068E-6 S
	13 14 13	6 452Vpp	2 158Vrms	26 075E-3 Ipp	4 440E-3 Irms	58 487Khz	17 049E-6 S
	13 14 44	6 456Vpp	2 177Vrms	26 879E-3 Ipp	4 470E-3 Irms	58 555Khz	17 078E-6 S
SP1 A65120	14 52 31	6 629Vpp	2 277Vrms	25 412E-3 Ipp	4 692E-3 Irms	59 393Khz	16 828E-6 S
	14 53 02	6 629Vpp	2 289Vrms	26 075E-3 Ipp	4 738E-3 Irms	59 387Khz	16 953E-6 S
	14 53 32	6 762Vpp	2 297Vrms	26 296E-3 Ipp	4 758E-3 Irms	59 302Khz	16 871E-6 S
	14 54 02	6 718Vpp	2 303Vrms	24 970E-3 Ipp	4 764E-3 Irms	59 365Khz	16 847E-6 S
	14 54 32	6 718Vpp	2 308Vrms	25 191E-3 Ipp	4 763E-3 Irms	59 394Khz	16 857E-6 S
	14 55 02	6 806Vpp	2 311Vrms	24 749E-3 Ipp	4 769E-3 Irms	59 319Khz	16 887E-6 S
	14 55 32	6 762Vpp	2 313Vrms	26 075E-3 Ipp	4 788E-3 Irms	59 300Khz	16 861E-6 S
	14 56 02	6 718Vpp	2 316Vrms	28 506E-3 Ipp	4 796E-3 Irms	59 121Khz	16 845E-6 S
	14 56 32	6 762Vpp	2 318Vrms	25 633E-3 Ipp	4 789E-3 Irms	59 253Khz	16 852E-6 S
	14 57 02	6 718Vpp	2 319Vrms	25 854E-3 Ipp	4 801E-3 Irms	59 441Khz	16 881E-6 S
	14 57 34	6 720Vpp	2 306Vrms	25 703E-3 Ipp	4 769E-3 Irms	59 317Khz	16 859E-6 S
OP 62021	14 31 17	6 585Vpp	2 239Vrms	25 633E-3 Ipp	4 636E-3 Irms	59 819Khz	16 632E-6 S
	14 31 47	6 541Vpp	2 246Vrms	26 296E-3 Ipp	4 665E-3 Irms	60 143Khz	16 699E-6 S
	14 32 17	6 629Vpp	2 254Vrms	26 517E-3 Ipp	4 685E-3 Irms	59 665Khz	16 697E-6 S
	14 32 47	6 541Vpp	2 257Vrms	27 622E-3 Ipp	4 689E-3 Irms	60 247Khz	16 704E-6 S
	14 33 17	6 541Vpp	2 261Vrms	25 854E-3 Ipp	4 678E-3 Irms	60 112Khz	16 689E-6 S
	14 33 47	6 629Vpp	2 264Vrms	25 854E-3 Ipp	4 695E-3 Irms	59 900Khz	16 784E-6 S
	14 34 17	6 585Vpp	2 266Vrms	25 412E-3 Ipp	4 693E-3 Irms	59 915Khz	16 625E-6 S
	14 34 47	6 585Vpp	2 269Vrms	25 191E-3 Ipp	4 701E-3 Irms	60 001Khz	16 683E-6 S
	14 35 17	6 629Vpp	2 270Vrms	25 633E-3 Ipp	4 703E-3 Irms	59 916Khz	16 676E-6 S
	14 35 47	6 673Vpp	2 272Vrms	28 285E-3 Ipp	4 719E-3 Irms	59 788Khz	16,688E-6 S
	14 36 19	6 605Vpp	2 260Vrms	26 323E-3 Ipp	4 681E-3 Irms	60 035Khz	16 657E-6 S
SP2 019235	15 01 17	7 248Vpp	2 443Vrms	22 981E-3 Ipp	4 971E-3 Irms	60 558Khz	16 474E-6 S
	15 01 48	7 204Vpp	2 442Vrms	22 760E-3 Ipp	4 967E-3 Irms	60 972Khz	16 459E-6 S
	15 02 18	7 204Vpp	2 437Vrms	23 202E-3 Ipp	4 961E-3 Irms	60 589Khz	16 460E-6 S
	15 02 48	7 248Vpp	2 454Vrms	23 644E-3 Ipp	5 009E-3 Irms	60 536Khz	16 416E-6 S
	15 03 18	7 248Vpp	2 441Vrms	22 760E-3 Ipp	4 983E-3 Irms	60 786Khz	16 522E-6 S
	15 03 48	7 204Vpp	2 452Vrms	22 981E-3 Ipp	4 981E-3 Irms	60 586Khz	16 483E-6 S
	15 04 18	7 204Vpp	2 450Vrms	22 981E-3 Ipp	4 993E-3 Irms	60 688Khz	16 495E-6 S
	15 04 48	7 204Vpp	2 444Vrms	22 318E-3 Ipp	4 980E-3 Irms	60 862Khz	16 503E-6 S
	15 05 18	7 204Vpp	2 449Vrms	22 981E-3 Ipp	4 985E-3 Irms	60 594Khz	16 505E-6 S
	15 05 48	7 248Vpp	2 457Vrms	23 423E-3 Ipp	4 994E-3 Irms	60 588Khz	16 451E-6 S
	15 06 20	7 216Vpp	2 448Vrms	22 269E-3 Ipp	4 980E-3 Irms	60 656Khz	16 485E-6 S
SP2 015625	15 59 28	7 115Vpp	2 398Vrms	24 307E-3 Ipp	4 872E-3 Irms	60 450Khz	16 532E-6 S
	15 59 59	7 115Vpp	2 414Vrms	22 760E-3 Ipp	4 909E-3 Irms	60 495Khz	16 518E-6 S
	16 00 29	7 204Vpp	2 437Vrms	23 644E-3 Ipp	4 960E-3 Irms	60 562Khz	16 512E-6 S
	16 00 59	7 204Vpp	2 430Vrms	24 528E-3 Ipp	4 957E-3 Irms	60 501Khz	16 555E-6 S
	16 01 29	7 204Vpp	2 429Vrms	23 644E-3 Ipp	4 948E-3 Irms	60 536Khz	16 529E-6 S
	16 01 59	7 160Vpp	2 444Vrms	23 202E-3 Ipp	4 961E-3 Irms	60 459Khz	16 508E-6 S
	16 02 29	7 248Vpp	2 442Vrms	23 644E-3 Ipp	4 974E-3 Irms	60 502Khz	16 535E-6 S
	16 02 59	7 160Vpp	2 442Vrms	23 423E-3 Ipp	4 970E-3 Irms	60 537Khz	16 500E-6 S
	16 03 29	7 115Vpp	2 440Vrms	23 865E-3 Ipp	4 975E-3 Irms	60 430Khz	16 510E-6 S
	16 03 59	7 160Vpp	2 410Vrms	25 191E-3 Ipp	4 898E-3 Irms	60 516Khz	16 551E-6 S
	16 04 31	7 171Vpp	2 432Vrms	23 505E-3 Ipp	4 950E-3 Irms	60 498Khz	16 530E-6 S
SP2 005602	14 41 56	7 115Vpp	2 399Vrms	22 539E-3 Ipp	4 921E-3 Irms	60 464Khz	16 705E-6 S
	14 42 26	7 160Vpp	2 432Vrms	22 097E-3 Ipp	4 992E-3 Irms	59 946Khz	16 632E-6 S
	14 42 56	7 160Vpp	2 428Vrms	22 539E-3 Ipp	4 972E-3 Irms	60 225Khz	16 628E-6 S
	14 43 26	7 160Vpp	2 420Vrms	22 318E-3 Ipp	4 959E-3 Irms	59 947Khz	16 673E-6 S
	14 43 56	7 160Vpp	2 419Vrms	21 655E-3 Ipp	4 972E-3 Irms	60 349Khz	16 585E-6 S
	14 44 26	7 115Vpp	2 407Vrms	21 655E-3 Ipp	4 914E-3 Irms	60 372Khz	16 565E-6 S
	14 44 56	7 204Vpp	2 434Vrms	23 202E-3 Ipp	4 992E-3 Irms	60 038Khz	16 646E-6 S
	14 45 26	7 248Vpp	2 445Vrms	22 318E-3 Ipp	5 008E-3 Irms	60 407Khz	16 654E-6 S
	14 45 56	7 204Vpp	2 439Vrms	22 539E-3 Ipp	4 999E-3 Irms	60 270Khz	16 600E-6 S
	14 46 26	7 160Vpp	2 427Vrms	21 434E-3 Ipp	4 966E-3 Irms	60 370Khz	16 576E-6 S
	14 46 58	7 187Vpp	2 426Vrms	21 999E-3 Ipp	4 973E-3 Irms	60 175Khz	16 618E-6 S
SP2 009914	11 58 01	7 336Vpp	2 500Vrms	23 644E-3 Ipp	5 109E-3 Irms	60 484Khz	16 501E-6 S
	11 58 31	7 469Vpp	2 539Vrms	25 191E-3 Ipp	5 226E-3 Irms	60 642Khz	16 482E-6 S
	11 59 01	7 513Vpp	2 538Vrms	25 191E-3 Ipp	5 209E-3 Irms	60 644Khz	16 504E-6 S
	11 59 31	7 469Vpp	2 534Vrms	24 970E-3 Ipp	5 224E-3 Irms	60 642Khz	16 515E-6 S
	12 00 01	7 469Vpp	2 544Vrms	25 412E-3 Ipp	5 236E-3 Irms	60 645Khz	16 480E-6 S
	12 00 31	7 513Vpp	2 542Vrms	25 633E-3 Ipp	5 216E-3 Irms	60 622Khz	16 469E-6 S
	12 01 01	7 469Vpp	2 536Vrms	25 633E-3 Ipp	5 228E-3 Irms	60 736Khz	16 507E-6 S
	12 01 31	7 513Vpp	2 549Vrms	26 296E-3 Ipp	5 258E-3 Irms	60 648Khz	16 518E-6 S
	12 02 01	7 380Vpp	2 535Vrms	25 191E-3 Ipp	5 213E-3 Irms	60 562Khz	16 480E-6 S
	12 02 31	7 425Vpp	2 542Vrms	25 412E-3 Ipp	5 221E-3 Irms	60 617Khz	16 503E-6 S
	12 03 03	7 468Vpp	2 539Vrms	25 265E-3 Ipp	5 223E-3 Irms	60 627Khz	16 494E-6 S

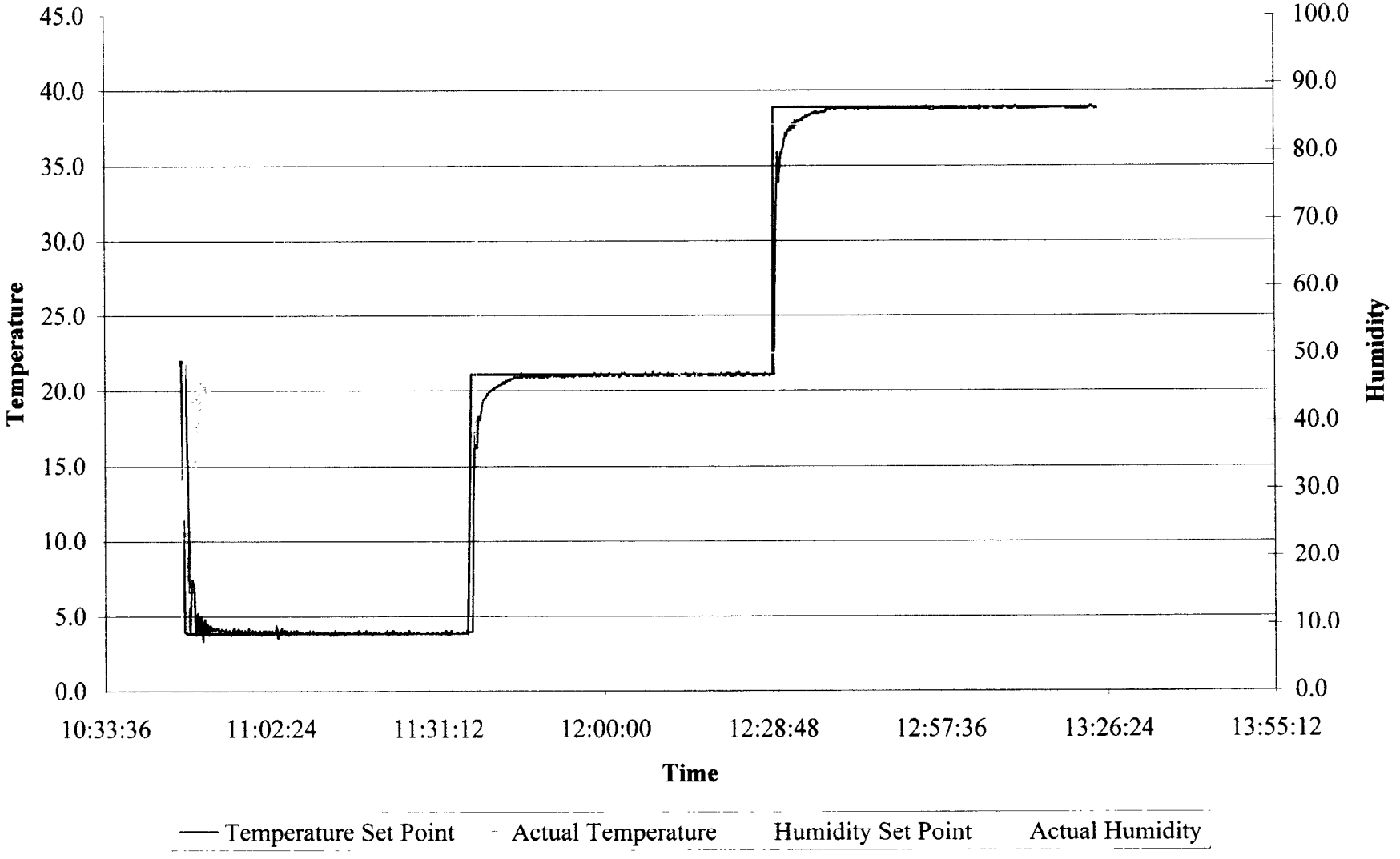
Temp/Humidity Test (Using AAMI Load at 500 ohms) 70f, 50%

Device Serial#	Time	Vpp	Vpp (RMS)	Ipp	Ipp (RMS)	Frequency	Period
SP1 S13787	13 49 13	6 497Vpp	2 178Vrms	27 843E-3 Ipp	4 425E-3 Ipp	58 463Khz	17 107E-6 S
	13 49 43	6 541Vpp	2 181Vrms	26 738E-3 Ipp	4 430E-3 Ipp	58 551Khz	17 104E-6 S
	13 50 13	6 497Vpp	2 184Vrms	25 633E-3 Ipp	4 430E-3 Ipp	58 457Khz	17 096E-6 S
	13 50 43	6 497Vpp	2 185Vrms	26 296E-3 Ipp	4 444E-3 Ipp	58 537Khz	17 103E-6 S
	13 51 13	6 452Vpp	2 187Vrms	26 517E-3 Ipp	4 447E-3 Ipp	58 481Khz	17 091E-6 S
	13 51 43	6 497Vpp	2 188Vrms	25 854E-3 Ipp	4 473E-3 Ipp	58 479Khz	17 095E-6 S
	13 52 13	6 497Vpp	2 188Vrms	25 191E-3 Ipp	4 464E-3 Ipp	58 491Khz	17 091E-6 S
	13 52 43	6 497Vpp	2 189Vrms	26 517E-3 Ipp	4 461E-3 Ipp	58 534Khz	17 072E-6 S
	13 53 13	6 497Vpp	2 190Vrms	26 517E-3 Ipp	4 452E-3 Ipp	58 612Khz	17 094E-6 S
	13 53 43	6 497Vpp	2 190Vrms	26 075E-3 Ipp	4 466E-3 Ipp	58 577Khz	17 083E-6 S
	13 54 15	6 489Vpp	2 186Vrms	25 940E-3 Ipp	4 444E-3 Ipp	58 500Khz	17 094E-6 S
SP1 A65120	15 48 11	6 629Vpp	2 249Vrms	22 760E-3 Ipp	4 546E-3 Ipp	59 126Khz	16 922E-6 S
	15 48 41	6 629Vpp	2 251Vrms	25 633E-3 Ipp	4 604E-3 Ipp	59 071Khz	16 939E-6 S
	15 49 11	6 673Vpp	2 254Vrms	25 633E-3 Ipp	4 583E-3 Ipp	58 955Khz	16 918E-6 S
	15 49 41	6 629Vpp	2 255Vrms	25 854E-3 Ipp	4 575E-3 Ipp	59 104Khz	16 921E-6 S
	15 50 11	6 585Vpp	2 255Vrms	25 854E-3 Ipp	4 594E-3 Ipp	59 070Khz	16 921E-6 S
	15 50 41	6 629Vpp	2 256Vrms	24 528E-3 Ipp	4 587E-3 Ipp	59 148Khz	16 938E-6 S
	15 51 11	6 673Vpp	2 256Vrms	24 749E-3 Ipp	4 617E-3 Ipp	59 122Khz	16 930E-6 S
	15 51 41	6 718Vpp	2 257Vrms	24 970E-3 Ipp	4 616E-3 Ipp	59 084Khz	16 915E-6 S
	15 52 11	6 673Vpp	2 257Vrms	25 854E-3 Ipp	4 613E-3 Ipp	59 088Khz	16 893E-6 S
	15 52 41	6 673Vpp	2 258Vrms	24 749E-3 Ipp	4 600E-3 Ipp	59 104Khz	16 921E-6 S
	15 53 13	6 643Vpp	2 254Vrms	25 424E-3 Ipp	4 596E-3 Ipp	59 088Khz	16 924E-6 S
OP 62021	15 52 28	6 452Vpp	2 219Vrms	25 854E-3 Ipp	4 605E-3 Ipp	60 079Khz	16 770E-6 S
	15 52 58	6 585Vpp	2 226Vrms	24 749E-3 Ipp	4 623E-3 Ipp	59 717Khz	16 648E-6 S
	15 53 28	6 497Vpp	2 231Vrms	24 970E-3 Ipp	4 642E-3 Ipp	59 918Khz	16 682E-6 S
	15 53 58	6 497Vpp	2 234Vrms	26 296E-3 Ipp	4 672E-3 Ipp	59 974Khz	16 637E-6 S
	15 54 28	6 585Vpp	2 236Vrms	25 633E-3 Ipp	4 658E-3 Ipp	60 169Khz	16 873E-6 S
	15 54 58	6 629Vpp	2 252Vrms	24 749E-3 Ipp	4 657E-3 Ipp	60 157Khz	16 632E-6 S
	15 55 28	6 585Vpp	2 253Vrms	26 517E-3 Ipp	4 676E-3 Ipp	60 024Khz	16 643E-6 S
	15 55 58	6 629Vpp	2 255Vrms	24 528E-3 Ipp	4 669E-3 Ipp	60 292Khz	16 752E-6 S
	15 56 28	6 673Vpp	2 256Vrms	25 633E-3 Ipp	4 676E-3 Ipp	59 655Khz	16 725E-6 S
	15 56 58	6 585Vpp	2 257Vrms	25 412E-3 Ipp	4 647E-3 Ipp	59 539Khz	16 617E-6 S
	15 57 30	6 594Vpp	2 243Vrms	25 716E-3 Ipp	4 653E-3 Ipp	59 972Khz	16 674E-6 S
SP2 019235	15 55 49	7 204Vpp	2 420Vrms	21 434E-3 Ipp	4 928E-3 Ipp	60 667Khz	16 435E-6 S
	15 56 19	7 071Vpp	2 404Vrms	22 760E-3 Ipp	4 907E-3 Ipp	60 522Khz	16 536E-6 S
	15 56 49	7 115Vpp	2 416Vrms	23 865E-3 Ipp	4 913E-3 Ipp	60 667Khz	16 501E-6 S
	15 57 19	7 071Vpp	2 410Vrms	22 760E-3 Ipp	4 896E-3 Ipp	61 017Khz	16 509E-6 S
	15 57 49	7 071Vpp	2 402Vrms	22 318E-3 Ipp	4 901E-3 Ipp	60 954Khz	16 505E-6 S
	15 58 19	7 204Vpp	2 426Vrms	22 097E-3 Ipp	4 930E-3 Ipp	60 784Khz	16 505E-6 S
	15 58 49	7 115Vpp	2 429Vrms	22 760E-3 Ipp	4 941E-3 Ipp	60 887Khz	16 515E-6 S
	15 59 19	7 160Vpp	2 428Vrms	23 202E-3 Ipp	4 937E-3 Ipp	60 668Khz	16 427E-6 S
	15 59 49	7 204Vpp	2 428Vrms	22 539E-3 Ipp	4 945E-3 Ipp	60 558Khz	16 396E-6 S
	16 00 19	7 160Vpp	2 426Vrms	21 434E-3 Ipp	4 940E-3 Ipp	60 809Khz	16 532E-6 S
	16 00 51	7 128Vpp	2 417Vrms	22 307E-3 Ipp	4 920E-3 Ipp	60 710Khz	16 472E-6 S
SP2 015625	13 57 23	7 071Vpp	2 391Vrms	23 865E-3 Ipp	4 865E-3 Ipp	60 619Khz	16 528E-6 S
	13 57 53	7 027Vpp	2 380Vrms	23 423E-3 Ipp	4 845E-3 Ipp	60 486Khz	16 544E-6 S
	13 58 23	7 071Vpp	2 396Vrms	22 981E-3 Ipp	4 866E-3 Ipp	60 512Khz	16 516E-6 S
	13 58 53	7 071Vpp	2 374Vrms	23 865E-3 Ipp	4 837E-3 Ipp	60 453Khz	16 545E-6 S
	13 59 23	7 071Vpp	2 394Vrms	23 644E-3 Ipp	4 864E-3 Ipp	60 602Khz	16 528E-6 S
	13 59 53	7 071Vpp	2 388Vrms	24 086E-3 Ipp	4 850E-3 Ipp	60 435Khz	16 549E-6 S
	14 00 23	7 115Vpp	2 407Vrms	23 644E-3 Ipp	4 889E-3 Ipp	60 509Khz	16 518E-6 S
	14 00 53	7 071Vpp	2 401Vrms	23 865E-3 Ipp	4 876E-3 Ipp	60 623Khz	16 518E-6 S
	14 01 23	7 027Vpp	2 375Vrms	23 202E-3 Ipp	4 815E-3 Ipp	60 492Khz	16 541E-6 S
	14 01 53	7 071Vpp	2 388Vrms	23 423E-3 Ipp	4 852E-3 Ipp	60 562Khz	16 558E-6 S
	14 02 25	7 081Vpp	2 392Vrms	23 481E-3 Ipp	4 864E-3 Ipp	60 527Khz	16 521E-6 S
SP2 005602	15 44 44	7 071Vpp	2 394Vrms	21 876E-3 Ipp	4 903E-3 Ipp	60 489Khz	16 553E-6 S
	15 45 14	7 071Vpp	2 391Vrms	22 097E-3 Ipp	4 907E-3 Ipp	60 516Khz	16 547E-6 S
	15 45 44	7 071Vpp	2 388Vrms	21 876E-3 Ipp	4 940E-3 Ipp	60 187Khz	16 596E-6 S
	15 46 14	7 071Vpp	2 390Vrms	22 318E-3 Ipp	4 925E-3 Ipp	60 367Khz	16 512E-6 S
	15 46 44	7 160Vpp	2 399Vrms	22 760E-3 Ipp	4 933E-3 Ipp	60 360Khz	16 551E-6 S
	15 47 14	7 115Vpp	2 407Vrms	22 318E-3 Ipp	4 977E-3 Ipp	60 294Khz	16 554E-6 S
	15 47 44	7 071Vpp	2 392Vrms	22 760E-3 Ipp	4 928E-3 Ipp	60 212Khz	16 600E-6 S
	15 48 14	7 115Vpp	2 401Vrms	22 539E-3 Ipp	4 987E-3 Ipp	60 486Khz	16 545E-6 S
	15 48 44	7 115Vpp	2 399Vrms	21 876E-3 Ipp	4 955E-3 Ipp	60 118Khz	16 553E-6 S
	15 49 14	7 160Vpp	2 403Vrms	22 760E-3 Ipp	4 965E-3 Ipp	60 168Khz	16 533E-6 S
	15 49 46	7 116Vpp	2 397Vrms	22 249E-3 Ipp	4 932E-3 Ipp	60 303Khz	16 583E-6 S
SP2 009914	11 15 26	7 248Vpp	2 472Vrms	23 202E-3 Ipp	5 064E-3 Ipp	60 594Khz	16 491E-6 S
	11 15 57	7 292Vpp	2 495Vrms	24 528E-3 Ipp	5 122E-3 Ipp	60 644Khz	16 490E-6 S
	11 16 27	7 292Vpp	2 490Vrms	25 191E-3 Ipp	5 105E-3 Ipp	60 664Khz	16 501E-6 S
	11 16 57	7 292Vpp	2 488Vrms	24 086E-3 Ipp	5 104E-3 Ipp	60 688Khz	16 510E-6 S
	11 17 27	7 336Vpp	2 491Vrms	24 528E-3 Ipp	5 111E-3 Ipp	60 720Khz	16 492E-6 S
	11 17 57	7 292Vpp	2 502Vrms	23 865E-3 Ipp	5 134E-3 Ipp	60 633Khz	16 512E-6 S
	11 18 27	7 380Vpp	2 506Vrms	26 296E-3 Ipp	5 147E-3 Ipp	60 698Khz	16 477E-6 S
	11 18 57	7 336Vpp	2 505Vrms	26 517E-3 Ipp	5 148E-3 Ipp	60 584Khz	16 478E-6 S
	11 19 27	7 380Vpp	2 502Vrms	24 307E-3 Ipp	5 141E-3 Ipp	60 593Khz	16 480E-6 S
	11 19 57	7 292Vpp	2 499Vrms	25 191E-3 Ipp	5 128E-3 Ipp	60 622Khz	16 497E-6 S
	11 20 28	7 346Vpp	2 499Vrms	24 499E-3 Ipp	5 128E-3 Ipp	60 639Khz	16 491E-6 S

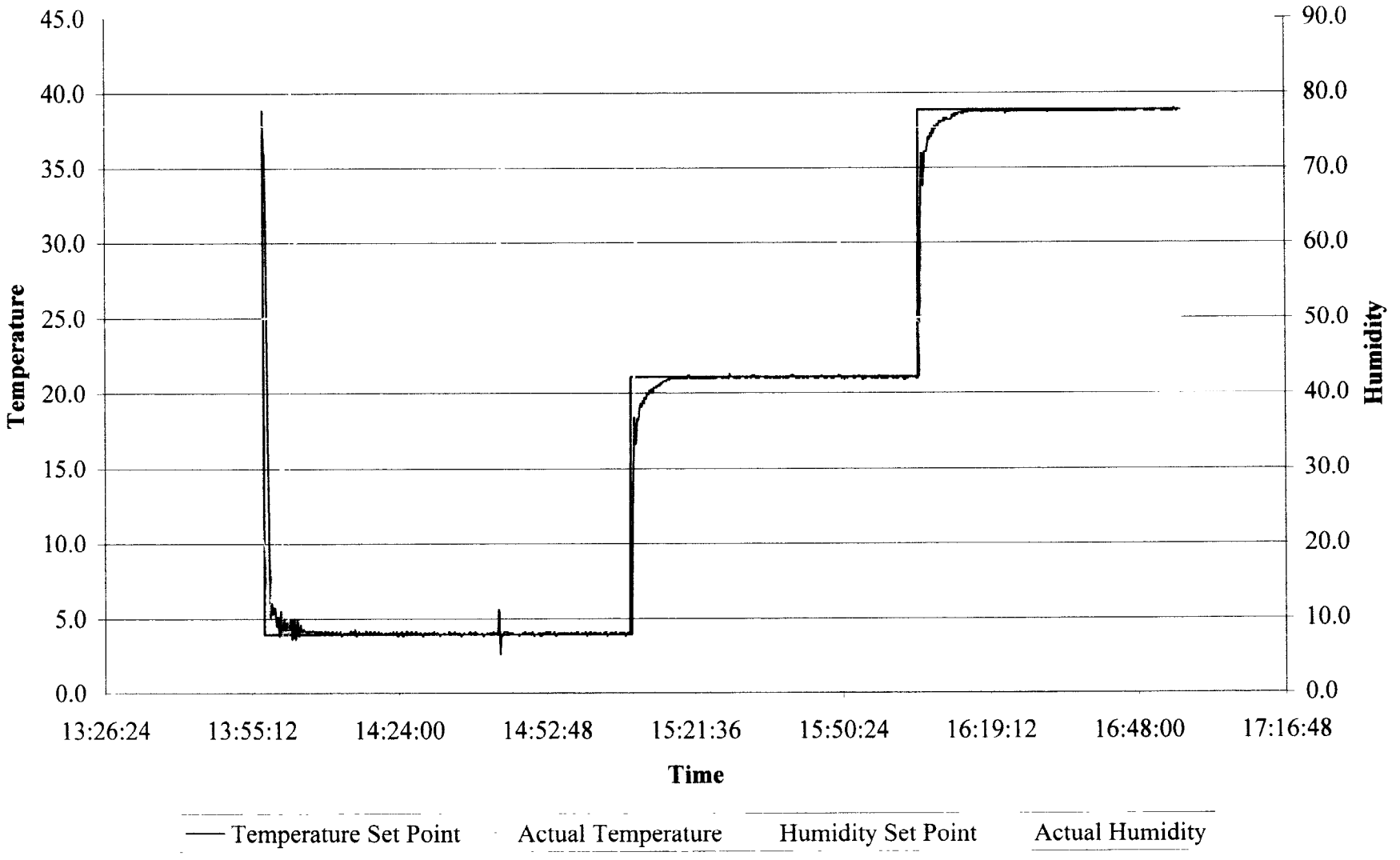
Temp/Humidity Test (Using AAMI Load at 500 ohms) 102f, 50%

Device Serial#	Time	Vpp	Vpp (RMS)	Ipp	Ipp (RMS)	Frequency	Period
SP1 S13787	14 56 04	6 541Vpp	2 202Vrms	27 180E-3 Ipp	4 489E-3 Ipp	58 568Khz	17 092E-6 S
	14 56 35	6 541Vpp	2 218Vrms	26 959E-3 Ipp	4 538E-3 Ipp	58 500Khz	17 101E-6 S
	14 57 05	6 585Vpp	2 219Vrms	24 086E-3 Ipp	4 521E-3 Ipp	58 475Khz	17 101E-6 S
	14 57 35	6 585Vpp	2 220Vrms	26 738E-3 Ipp	4 530E-3 Ipp	58 554Khz	17 090E-6 S
	14 58 05	6 629Vpp	2 220Vrms	27 180E-3 Ipp	4 515E-3 Ipp	58 542Khz	17 106E-6 S
	14 58 35	6 585Vpp	2 220Vrms	24 528E-3 Ipp	4 512E-3 Ipp	58 570Khz	17 105E-6 S
	14 59 05	6 585Vpp	2 220Vrms	25 854E-3 Ipp	4 520E-3 Ipp	58 583Khz	17 080E-6 S
	14 59 35	6 585Vpp	2 221Vrms	25 633E-3 Ipp	4 514E-3 Ipp	58 571Khz	17 096E-6 S
	15 00 05	6 585Vpp	2 221Vrms	26 517E-3 Ipp	4 526E-3 Ipp	58 547Khz	17 057E-6 S
	15 00 35	6 585Vpp	2 220Vrms	26 075E-3 Ipp	4 532E-3 Ipp	58 562Khz	17 092E-6 S
	15 01 06	6 582Vpp	2 219Vrms	25 740E-3 Ipp	4 525E-3 Ipp	58 537Khz	17 083E-6 S
SP1 A65120	16 39 57	6 629Vpp	2 264Vrms	24 307E-3 Ipp	4 611E-3 Ipp	59 056Khz	16 930E-6 S
	16 40 27	6 673Vpp	2 267Vrms	25 633E-3 Ipp	4 613E-3 Ipp	59 207Khz	16 959E-6 S
	16 40 57	6 718Vpp	2 267Vrms	26 738E-3 Ipp	4 643E-3 Ipp	59 120Khz	16 938E-6 S
	16 41 27	6 673Vpp	2 268Vrms	25 412E-3 Ipp	4 652E-3 Ipp	59 007Khz	16 921E-6 S
	16 41 57	6 718Vpp	2 269Vrms	26 517E-3 Ipp	4 669E-3 Ipp	59 087Khz	16 897E-6 S
	16 42 27	6 762Vpp	2 269Vrms	28 064E-3 Ipp	4 668E-3 Ipp	59 059Khz	16 933E-6 S
	16 42 57	6 718Vpp	2 270Vrms	26 738E-3 Ipp	4 659E-3 Ipp	59 030Khz	16 925E-6 S
	16 43 27	6 673Vpp	2 270Vrms	25 191E-3 Ipp	4 634E-3 Ipp	59 050Khz	16 917E-6 S
	16 43 57	6 673Vpp	2 270Vrms	24 749E-3 Ipp	4 617E-3 Ipp	59 018Khz	16 931E-6 S
	16 44 27	6 673Vpp	2 270Vrms	24 749E-3 Ipp	4 655E-3 Ipp	59 092Khz	16 916E-6 S
	16 44 58	6 687Vpp	2 268Vrms	25 306E-3 Ipp	4 636E-3 Ipp	59 088Khz	16 923E-6 S
OP 62021	16 32 22	6 541Vpp	2 217Vrms	24 749E-3 Ipp	4 580E-3 Ipp	59 946Khz	16 738E-6 S
	16 32 52	6 585Vpp	2 219Vrms	24 749E-3 Ipp	4 580E-3 Ipp	59 862Khz	16 760E-6 S
	16 33 22	6 585Vpp	2 220Vrms	24 307E-3 Ipp	4 577E-3 Ipp	60 100Khz	16 663E-6 S
	16 33 52	6 585Vpp	2 220Vrms	27 180E-3 Ipp	4 597E-3 Ipp	59 891Khz	16 738E-6 S
	16 34 22	6 585Vpp	2 220Vrms	26 296E-3 Ipp	4 595E-3 Ipp	59 722Khz	16 775E-6 S
	16 34 52	6 585Vpp	2 221Vrms	25 191E-3 Ipp	4 583E-3 Ipp	59 844Khz	16 802E-6 S
	16 35 22	6 585Vpp	2 221Vrms	24 749E-3 Ipp	4 588E-3 Ipp	59 638Khz	16 735E-6 S
	16 35 52	6 541Vpp	2 222Vrms	25 412E-3 Ipp	4 596E-3 Ipp	59 776Khz	16 659E-6 S
	16 36 22	6 585Vpp	2 223Vrms	24 970E-3 Ipp	4 589E-3 Ipp	59 905Khz	16 650E-6 S
	16 36 52	6 541Vpp	2 222Vrms	26 296E-3 Ipp	4 577E-3 Ipp	60 084Khz	16 736E-6 S
	16 37 25	6 573Vpp	2 220Vrms	25 417E-3 Ipp	4 585E-3 Ipp	59 851Khz	16 709E-6 S
SP2 019235	16 48 18	7 204Vpp	2 468Vrms	22 539E-3 Ipp	5 114E-3 Ipp	60 669Khz	16 444E-6 S
	16 48 48	7 204Vpp	2 479Vrms	23 423E-3 Ipp	5 137E-3 Ipp	60 761Khz	16 480E-6 S
	16 49 18	7 292Vpp	2 486Vrms	23 202E-3 Ipp	5 156E-3 Ipp	60 676Khz	16 447E-6 S
	16 49 48	7 248Vpp	2 475Vrms	22 097E-3 Ipp	5 105E-3 Ipp	60 955Khz	16 509E-6 S
	16 50 18	7 248Vpp	2 476Vrms	23 423E-3 Ipp	5 131E-3 Ipp	60 733Khz	16 492E-6 S
	16 50 48	7 248Vpp	2 477Vrms	24 970E-3 Ipp	5 159E-3 Ipp	60 673Khz	16 445E-6 S
	16 51 18	7 248Vpp	2 476Vrms	23 202E-3 Ipp	5 139E-3 Ipp	60 881Khz	16 514E-6 S
	16 51 48	7 204Vpp	2 479Vrms	24 307E-3 Ipp	5 153E-3 Ipp	60 849Khz	16 475E-6 S
	16 52 18	7 160Vpp	2 474Vrms	22 539E-3 Ipp	5 136E-3 Ipp	60 714Khz	16 442E-6 S
	16 52 48	7 248Vpp	2 476Vrms	23 865E-3 Ipp	5 137E-3 Ipp	60 897Khz	16 429E-6 S
	16 53 20	7 233Vpp	2 476Vrms	23 103E-3 Ipp	5 130E-3 Ipp	60 773Khz	16 455E-6 S
SP2 015625	14 45 46	6 939Vpp	2 329Vrms	23 202E-3 Ipp	4 731E-3 Ipp	60 411Khz	16 490E-6 S
	14 46 16	6 983Vpp	2 366Vrms	23 644E-3 Ipp	4 820E-3 Ipp	60 789Khz	16 484E-6 S
	14 46 46	6 983Vpp	2 362Vrms	23 865E-3 Ipp	4 789E-3 Ipp	60 546Khz	16 522E-6 S
	14 47 16	7 027Vpp	2 361Vrms	24 307E-3 Ipp	4 780E-3 Ipp	60 522Khz	16 535E-6 S
	14 47 46	6 983Vpp	2 360Vrms	23 423E-3 Ipp	4 793E-3 Ipp	60 621Khz	16 480E-6 S
	14 48 16	6 983Vpp	2 360Vrms	24 307E-3 Ipp	4 786E-3 Ipp	60 714Khz	16 411E-6 S
	14 48 46	6 983Vpp	2 355Vrms	24 528E-3 Ipp	4 775E-3 Ipp	60 324Khz	16 537E-6 S
	14 49 16	7 071Vpp	2 372Vrms	24 528E-3 Ipp	4 820E-3 Ipp	60 528Khz	16 520E-6 S
	14 49 46	6 983Vpp	2 356Vrms	22 318E-3 Ipp	4 789E-3 Ipp	60 770Khz	16 448E-6 S
	14 50 16	7 071Vpp	2 367Vrms	25 854E-3 Ipp	4 813E-3 Ipp	60 580Khz	16 496E-6 S
	14 50 48	7 011Vpp	2 363Vrms	23 771E-3 Ipp	4 796E-3 Ipp	60 561Khz	16 512E-6 S
SP2 005602	16 40 26	7 027Vpp	2 373Vrms	21 434E-3 Ipp	4 826E-3 Ipp	60 424Khz	16 554E-6 S
	16 40 56	7 115Vpp	2 394Vrms	23 202E-3 Ipp	4 879E-3 Ipp	60 396Khz	16 552E-6 S
	16 41 26	7 115Vpp	2 399Vrms	22 318E-3 Ipp	4 882E-3 Ipp	60 303Khz	16 532E-6 S
	16 41 56	7 071Vpp	2 398Vrms	23 423E-3 Ipp	4 882E-3 Ipp	60 296Khz	16 566E-6 S
	16 42 26	7 115Vpp	2 400Vrms	23 202E-3 Ipp	4 880E-3 Ipp	60 453Khz	16 565E-6 S
	16 42 56	7 115Vpp	2 389Vrms	22 318E-3 Ipp	4 865E-3 Ipp	60 489Khz	16 527E-6 S
	16 43 26	7 071Vpp	2 390Vrms	21 876E-3 Ipp	4 876E-3 Ipp	60 561Khz	16 559E-6 S
	16 43 56	7 115Vpp	2 386Vrms	22 760E-3 Ipp	4 868E-3 Ipp	60 300Khz	16 567E-6 S
	16 44 26	7 115Vpp	2 403Vrms	23 865E-3 Ipp	4 902E-3 Ipp	60 353Khz	16 545E-6 S
	16 44 56	7 115Vpp	2 401Vrms	23 865E-3 Ipp	4 910E-3 Ipp	60 363Khz	16 521E-6 S
	16 45 28	7 104Vpp	2 393Vrms	22 401E-3 Ipp	4 873E-3 Ipp	60 406Khz	16 555E-6 S
SP2 009914	10 37 42	7 204Vpp	2 456Vrms	24 749E-3 Ipp	5 022E-3 Ipp	60 550Khz	16 452E-6 S
	10 38 12	7 204Vpp	2 466Vrms	24 528E-3 Ipp	5 058E-3 Ipp	60 627Khz	16 486E-6 S
	10 38 42	7 292Vpp	2 481Vrms	25 191E-3 Ipp	5 078E-3 Ipp	60 705Khz	16 485E-6 S
	10 39 12	7 336Vpp	2 482Vrms	26 075E-3 Ipp	5 094E-3 Ipp	60 504Khz	16 501E-6 S
	10 39 42	7 292Vpp	2 479Vrms	24 749E-3 Ipp	5 092E-3 Ipp	60 674Khz	16 455E-6 S
	10 40 12	7 292Vpp	2 480Vrms	24 307E-3 Ipp	5 081E-3 Ipp	60 712Khz	16 486E-6 S
	10 40 42	7 292Vpp	2 479Vrms	25 412E-3 Ipp	5 085E-3 Ipp	60 626Khz	16 490E-6 S
	10 41 12	7 248Vpp	2 477Vrms	23 865E-3 Ipp	5 077E-3 Ipp	60 722Khz	16 473E-6 S
	10 41 42	7 248Vpp	2 477Vrms	24 749E-3 Ipp	5 061E-3 Ipp	60 574Khz	16 507E-6 S
	10 42 12	7 336Vpp	2 479Vrms	24 307E-3 Ipp	5 068E-3 Ipp	60 630Khz	16 472E-6 S
	10 42 44	7 275Vpp	2 479Vrms	24 791E-3 Ipp	5 078E-3 Ipp	60 654Khz	16 487E-6 S

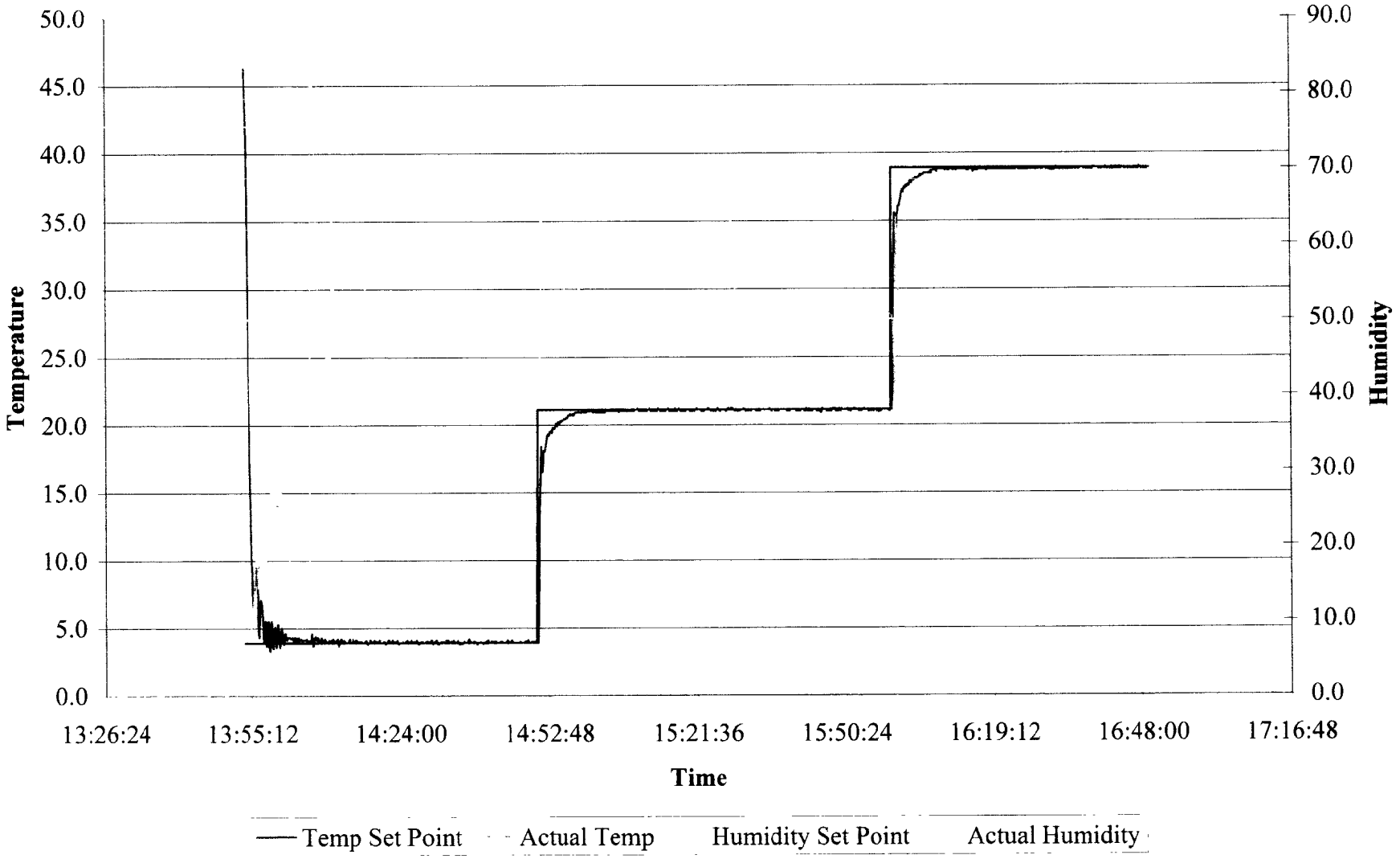
Temp & Humidity Chamber Strip Chart



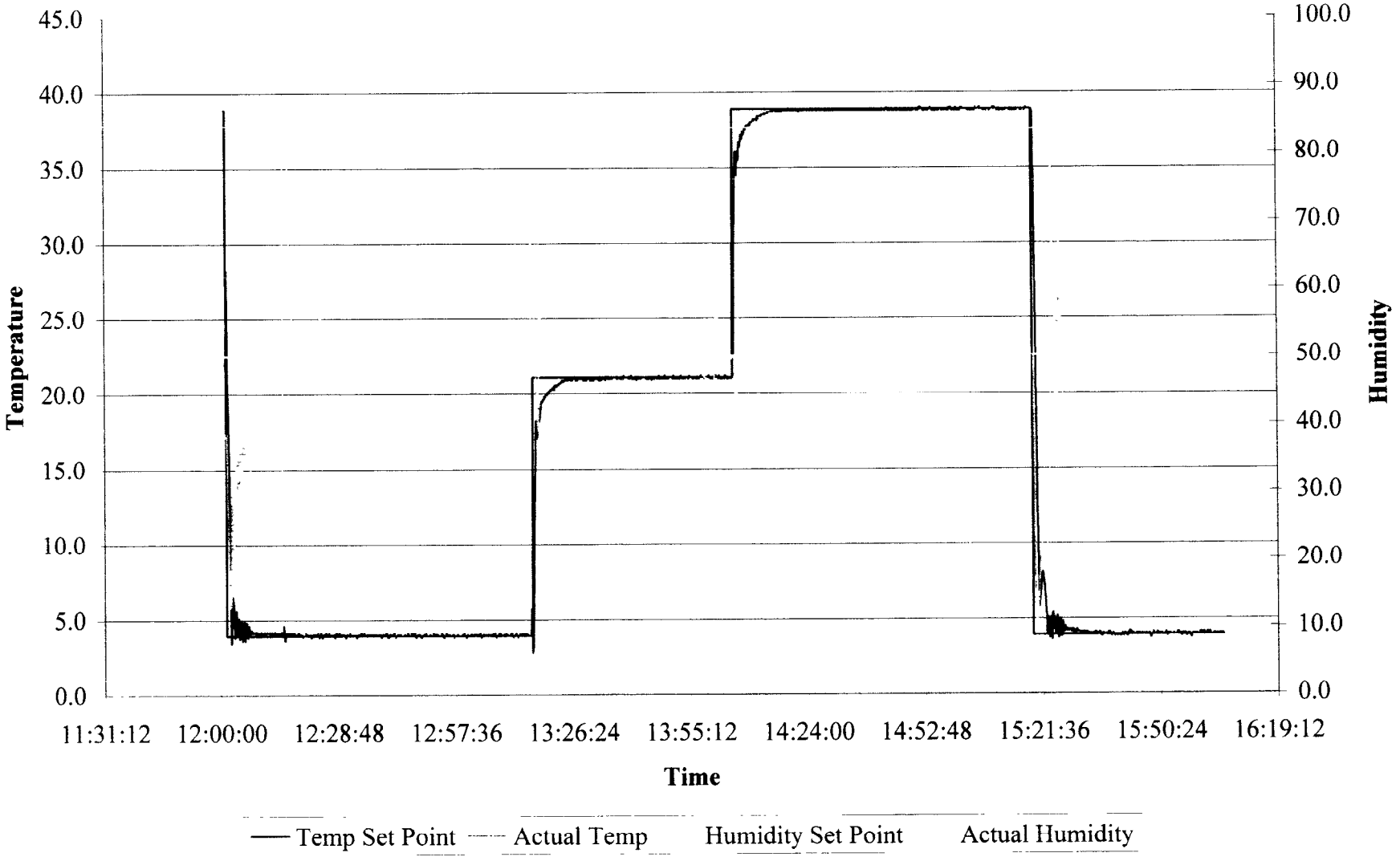
Temp & Humidity Chamber Strip Chart



Oven Strip Chart 9-23-05

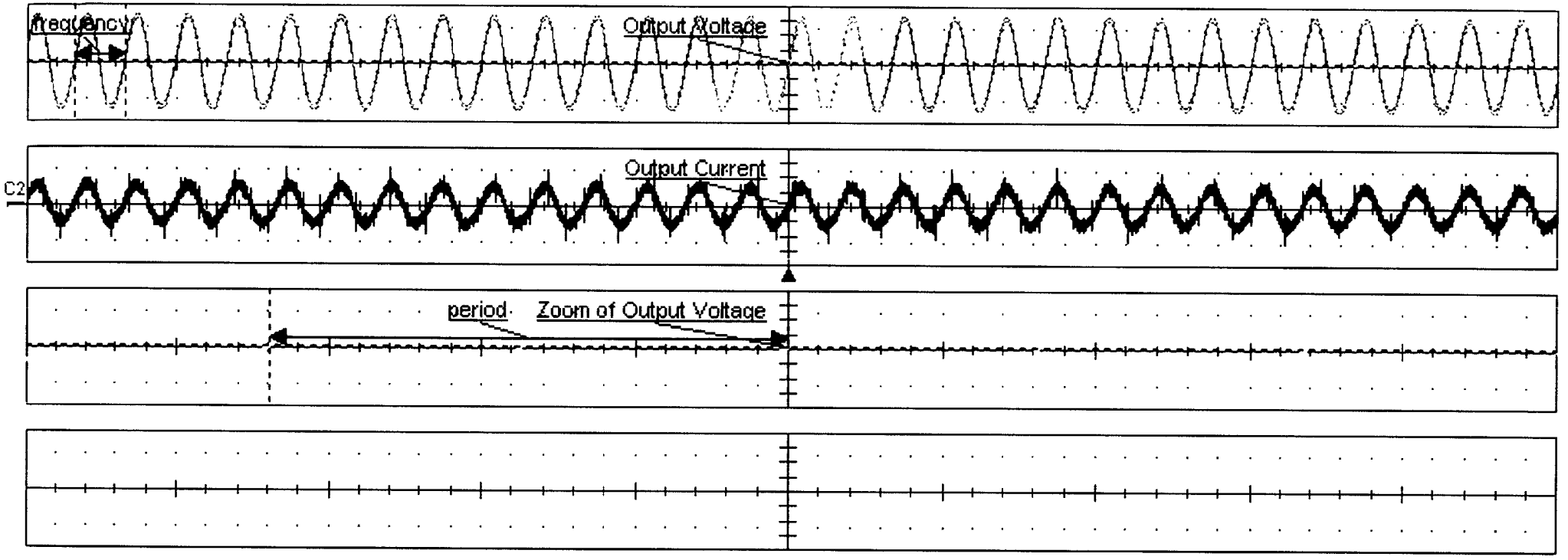


Oven Strip Chart 9-26-05



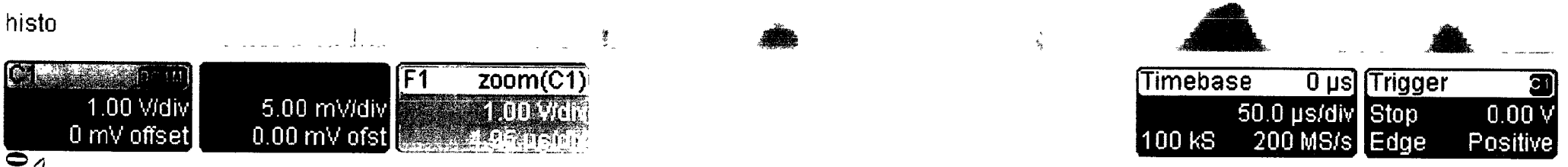
Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	4:32:22 PM	6.5408	2.2174	0.0247	0.0046	59946.2323	0.0000
2	4:32:52 PM	6.5850	2.2194	0.0247	0.0046	59862.3167	0.0000
3	4:33:22 PM	6.5850	2.2204	0.0243	0.0046	60099.8775	0.0000
4	4:33:52 PM	6.5850	2.2202	0.0272	0.0046	59891.0898	0.0000
5	4:34:22 PM	6.5850	2.2199	0.0263	0.0046	59722.0438	0.0000
6	4:34:52 PM	6.5850	2.2213	0.0252	0.0046	59843.9554	0.0000
7	4:35:22 PM	6.5850	2.2206	0.0247	0.0046	59637.7980	0.0000
8	4:35:52 PM	6.5408	2.2220	0.0254	0.0046	59776.2185	0.0000
9	4:36:22 PM	6.5850	2.2227	0.0250	0.0046	59905.2862	0.0000
10	4:36:52 PM	6.5408	2.2219	0.0263	0.0046	60084.0834	0.0000

SECTION 4 VARIEDTEMP 102F OP 62021



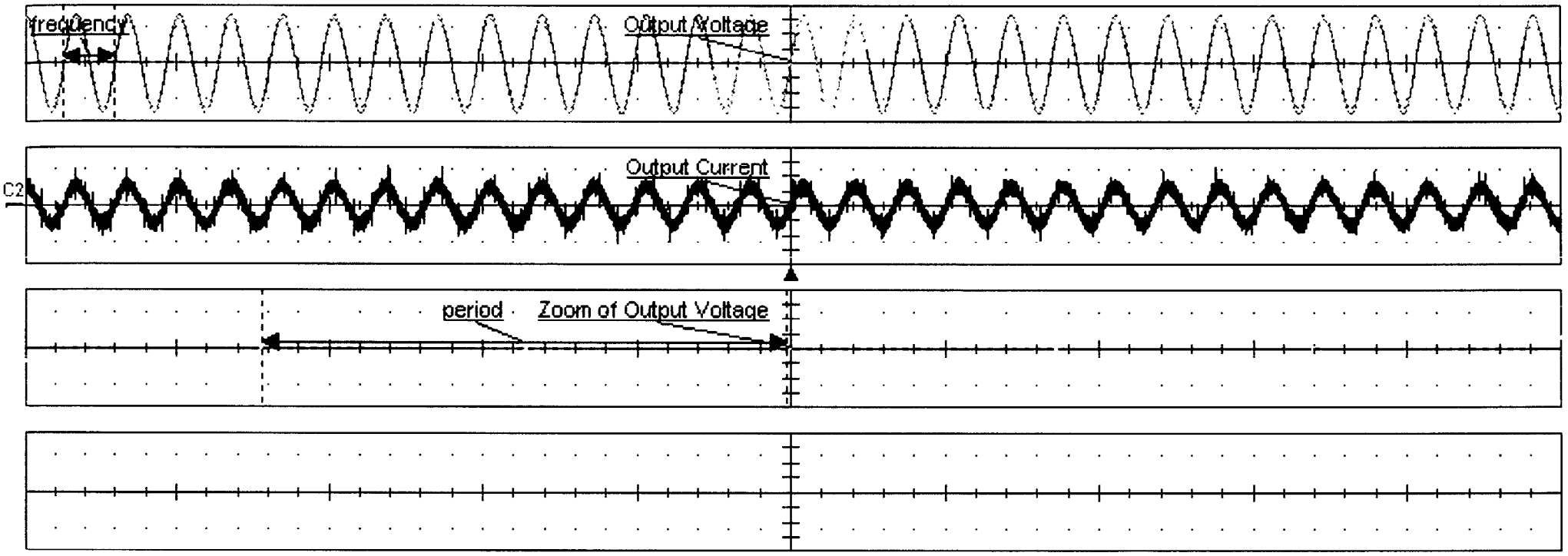
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.54 V	2.223 V	26.1 mV	4.61 mV	59.8295 kHz	16.64678 µs
mean	6.5728 V	2.22012 V	25.417 mV	4.5846 mV	59.8508 kHz	16.7090905 µs
min	6.28 V	2.126 V	22.8 mV	4.37 mV	58.71 kHz	16.43300 µs
max	6.72 V	2.225 V	30.5 mV	4.62 mV	60.86 kHz	16.99347 µs
sdev	44.4 mV	9.56 mV	787 µV	21.5 µV	205.9 Hz	57.0672 ns
num	3.368e+3	3.368e+3	3.368e+3	3.368e+3	94.304e+3	6.736e+3
status	✔	✔	✔	✔	✔	✔

histo



Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	4:39:57 PM	6.6292	2.2638	0.0243	0.0046	59056.3844	0.0000
2	4:40:27 PM	6.6734	2.2666	0.0256	0.0046	59206.6311	0.0000
3	4:40:57 PM	6.7176	2.2672	0.0267	0.0046	59120.3300	0.0000
4	4:41:27 PM	6.6734	2.2680	0.0254	0.0047	59007.0981	0.0000
5	4:41:57 PM	6.7176	2.2688	0.0265	0.0047	59087.3962	0.0000
6	4:42:27 PM	6.7618	2.2695	0.0281	0.0047	59058.9317	0.0000
7	4:42:57 PM	6.7176	2.2703	0.0267	0.0047	59030.2514	0.0000
8	4:43:27 PM	6.6734	2.2704	0.0252	0.0046	59049.8291	0.0000
9	4:43:57 PM	6.6734	2.2704	0.0247	0.0046	59017.7142	0.0000
10	4:44:27 PM	6.6734	2.2702	0.0247	0.0047	59091.9382	0.0000

SECTION 4 VARIED TEMP 102f SP1 A65120



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.72 V	2.271 V	26.5 mV	4.65 mV	59.0912 kHz	16.90110 µs
mean	6.6872 V	2.26801 V	25.306 mV	4.6362 mV	59.088367 kHz	16.9234452 µs
min	6.41 V	2.169 V	22.8 mV	4.43 mV	58.7175 kHz	16.81407 µs
max	6.85 V	2.271 V	28.5 mV	4.68 mV	59.4774 kHz	16.99346 µs
sdev	34.5 mV	8.39 mV	915 µV	20.0 µV	58.912 Hz	16.8659 ns
num	3.245e+3	3.246e+3	3.246e+3	3.246e+3	90.888e+3	6.492e+3
status	✔	✔	✔	✔	✔	✔

histo

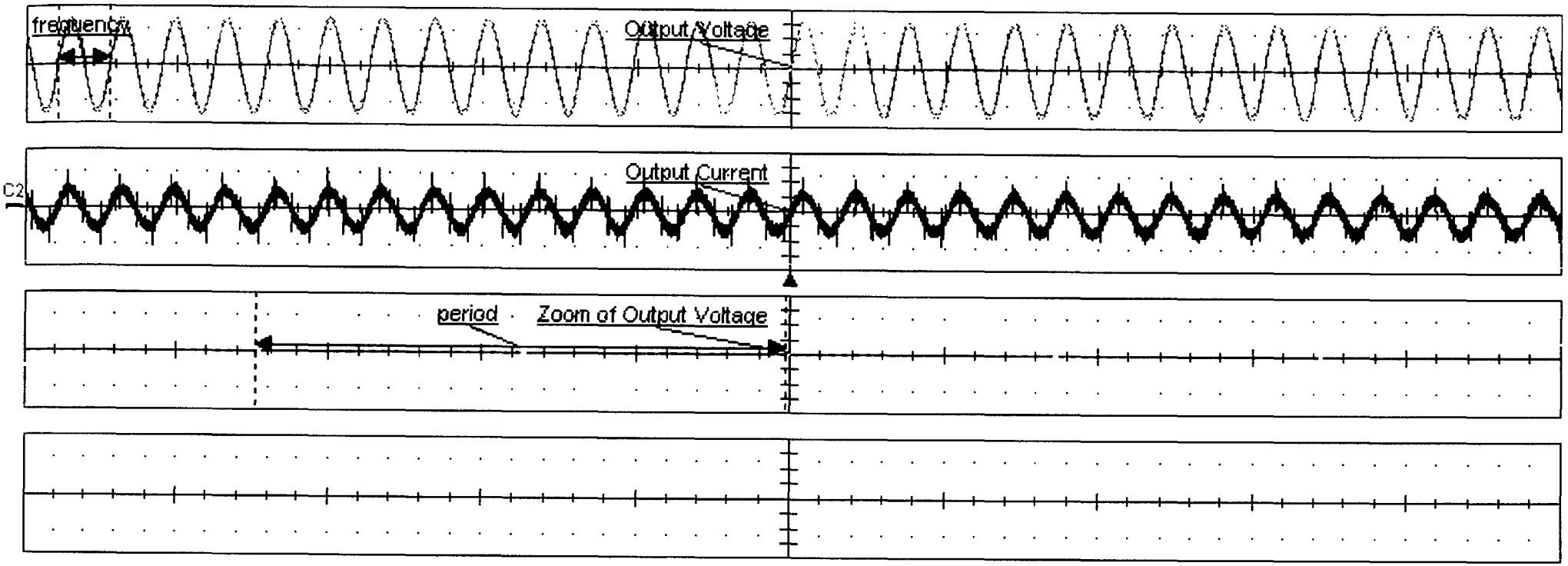
C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	[illegible]	100 kS 200 MS/s	Edge Positive

1

0745

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	2:56:04 PM	6.5408	2.2023	0.0272	0.0045	58567.6894	0.0000
2	2:56:35 PM	6.5408	2.2183	0.0270	0.0045	58499.5554	0.0000
3	2:57:05 PM	6.5850	2.2191	0.0241	0.0045	58475.2656	0.0000
4	2:57:35 PM	6.5850	2.2195	0.0267	0.0045	58553.9547	0.0000
5	2:58:05 PM	6.6292	2.2203	0.0272	0.0045	58541.6094	0.0000
6	2:58:35 PM	6.5850	2.2200	0.0245	0.0045	58569.8367	0.0000
7	2:59:05 PM	6.5850	2.2203	0.0259	0.0045	58582.6751	0.0000
8	2:59:35 PM	6.5850	2.2205	0.0256	0.0045	58571.1610	0.0000
9	3:00:05 PM	6.5850	2.2208	0.0265	0.0045	58546.7751	0.0000
10	3:00:35 PM	6.5850	2.2202	0.0261	0.0045	58561.6377	0.0000

SECTION 4 VARIED TEMP 102f SP1 S13787



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.58 V	2.219 V	26.7 mV	4.52 mV	58.5356 kHz	17.08145 µs
mean	6.5822 V	2.21873 V	25.740 mV	4.5248 mV	58.537 kHz	17.0831446 µs
min	6.28 V	2.129 V	22.8 mV	4.33 mV	58.3 kHz	17.02000 µs
max	6.67 V	2.221 V	29.4 mV	4.56 mV	58.8 kHz	17.14001 µs
sdev	31.1 mV	8.76 mV	963 µV	20.3 µV	47 Hz	14.3414 ns
num	3.140e+3	3.140e+3	3.140e+3	3.140e+3	87.920e+3	6.280e+3
status	✔	✔	✔	✔	✔	✔

histo

C1 DC1M
1.00 V/div
0 mV offset

5.00 mV/div
0.00 mV ofst

F1 zoom(C1)
1.00 V/div
4 Bauelem

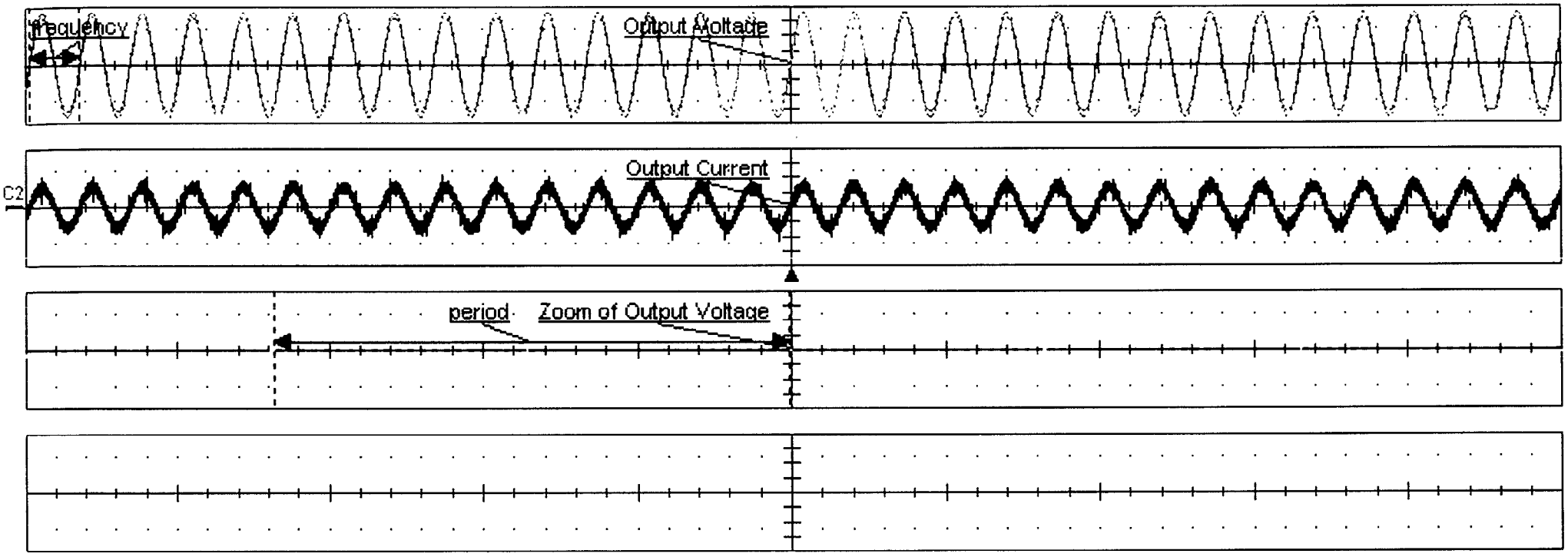
Timebase 0 µs
50.0 µs/div
100 kS 200 MS/s

Trigger C1
Stop 0.00 V
Edge Positive

0747 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	4:40:26 PM	7.0269	2.3725	0.0214	0.0048	60424.0776	0.0000
2	4:40:56 PM	7.1153	2.3943	0.0232	0.0049	60395.8540	0.0000
3	4:41:26 PM	7.1153	2.3987	0.0223	0.0049	60303.0812	0.0000
4	4:41:56 PM	7.0711	2.3978	0.0234	0.0049	60296.0476	0.0000
5	4:42:26 PM	7.1153	2.3995	0.0232	0.0049	60452.6545	0.0000
6	4:42:56 PM	7.1153	2.3891	0.0223	0.0049	60488.6804	0.0000
7	4:43:26 PM	7.0711	2.3897	0.0219	0.0049	60561.2279	0.0000
8	4:43:56 PM	7.1153	2.3859	0.0228	0.0049	60299.8547	0.0000
9	4:44:26 PM	7.1153	2.4030	0.0239	0.0049	60352.7059	0.0000
10	4:44:56 PM	7.1153	2.4013	0.0239	0.0049	60363.2633	0.0000

0748 SECTION 4 VARIEDTEMP 102fSP2
UC5602



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.12 V	2.408 V	22.3 mV	4.91 mV	60.4919 kHz	16.53027 µs
mean	7.1045 V	2.39329 V	22.401 mV	4.8728 mV	60.4065 kHz	16.5553619 µs
min	6.85 V	2.290 V	20.3 mV	4.65 mV	59.83 kHz	16.43869 µs
max	7.25 V	2.418 V	25.6 mV	4.94 mV	60.90 kHz	16.69147 µs
sdev	36.5 mV	8.82 mV	714 µV	20.9 µV	106.5 Hz	30.2447 ns
num	3.306e+3	3.306e+3	3.306e+3	3.306e+3	99.180e+3	6.612e+3
status	✔	✔	✔	✔	✔	✔

histo

C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div 4.8 µs/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0749 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	2:45:46 PM	6.9386	2.3294	0.0232	0.0047	60410.9551	0.0000
2	2:46:16 PM	6.9827	2.3661	0.0236	0.0048	60788.5629	0.0000
3	2:46:46 PM	6.9827	2.3616	0.0239	0.0048	60545.8371	0.0000
4	2:47:16 PM	7.0269	2.3609	0.0243	0.0048	60522.3857	0.0000
5	2:47:46 PM	6.9827	2.3604	0.0234	0.0048	60621.1411	0.0000
6	2:48:16 PM	6.9827	2.3601	0.0243	0.0048	60714.1458	0.0000
7	2:48:46 PM	6.9827	2.3550	0.0245	0.0048	60323.9946	0.0000
8	2:49:16 PM	7.0711	2.3716	0.0245	0.0048	60527.5987	0.0000
9	2:49:46 PM	6.9827	2.3563	0.0223	0.0048	60770.0651	0.0000
10	2:50:16 PM	7.0711	2.3673	0.0259	0.0048	60580.2048	0.0000

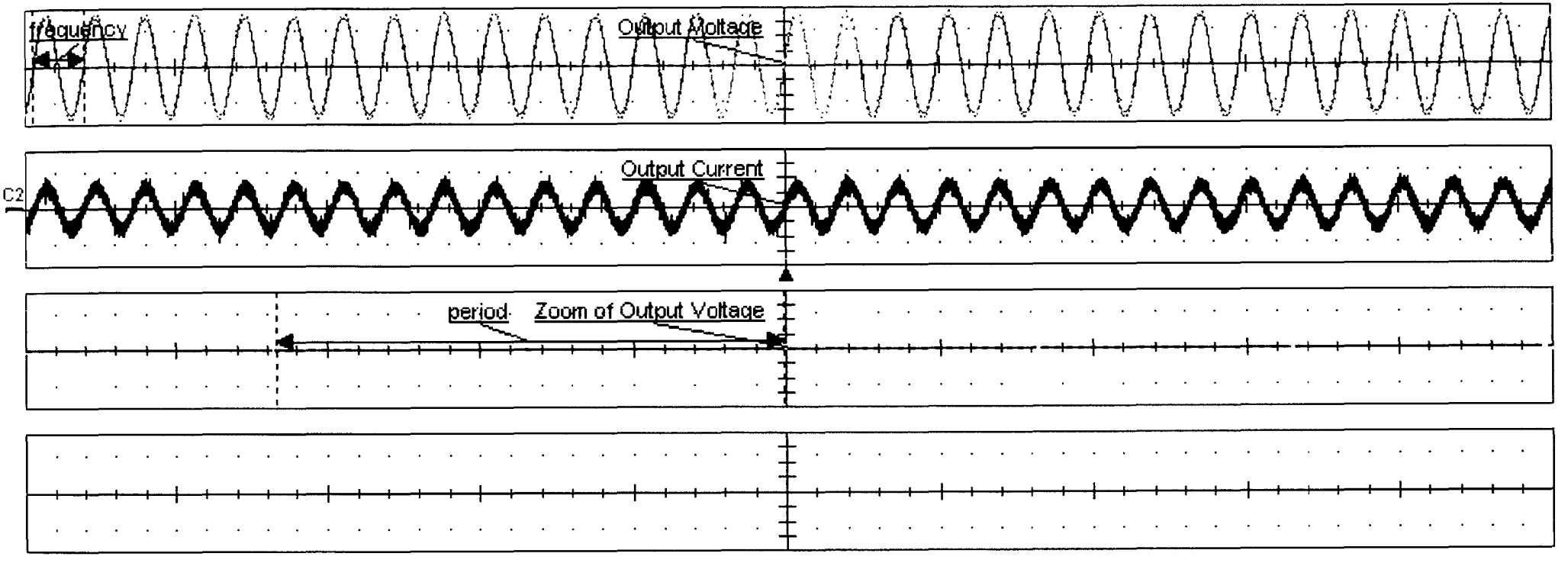
0750

SECTION 4 VARIEDTEMP 102f SP2
015625

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	4:48:18 PM	7.2037	2.4680	0.0225	0.0051	60668.9869	0.0000
2	4:48:48 PM	7.2037	2.4790	0.0234	0.0051	60761.2972	0.0000
3	4:49:18 PM	7.2921	2.4864	0.0232	0.0052	60676.0187	0.0000
4	4:49:48 PM	7.2479	2.4752	0.0221	0.0051	60954.8433	0.0000
5	4:50:18 PM	7.2479	2.4764	0.0234	0.0051	60733.1498	0.0000
6	4:50:48 PM	7.2479	2.4767	0.0250	0.0052	60672.5807	0.0000
7	4:51:18 PM	7.2479	2.4758	0.0232	0.0051	60881.2407	0.0000
8	4:51:48 PM	7.2037	2.4786	0.0243	0.0052	60848.9032	0.0000
9	4:52:18 PM	7.1595	2.4735	0.0225	0.0051	60714.4181	0.0000
10	4:52:48 PM	7.2479	2.4760	0.0239	0.0051	60897.4087	0.0000

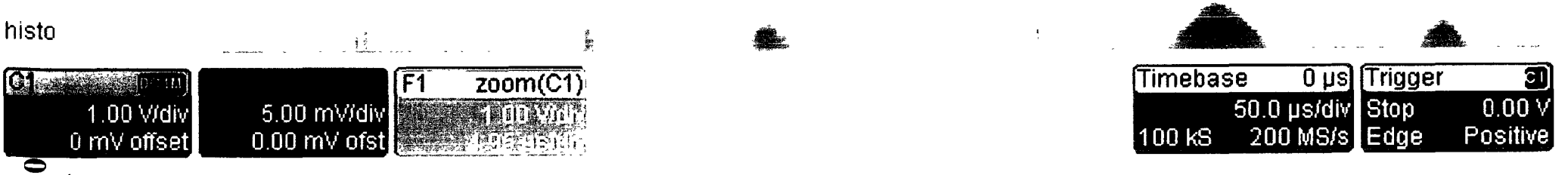
0751

SECTION 4 VARIED TEMP 1C2f SP2
091235



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.25 V	2.476 V	23.0 mV	5.13 mV	60.7795 kHz	16.51187 µs
mean	7.2327 V	2.47623 V	23.103 mV	5.1300 mV	60.773199 kHz	16.4546305 µs
min	6.81 V	2.289 V	20.8 mV	4.73 mV	60.3688 kHz	16.33835 µs
max	7.34 V	2.489 V	26.3 mV	5.17 mV	61.2133 kHz	16.54921 µs
sdev	34.6 mV	7.77 mV	753 µV	19.5 µV	112.448 Hz	29.8658 ns
num	3.261e+3	3.261e+3	3.261e+3	3.261e+3	97.830e+3	6.522e+3
status	✔	✔	✔	✔	✔	✔

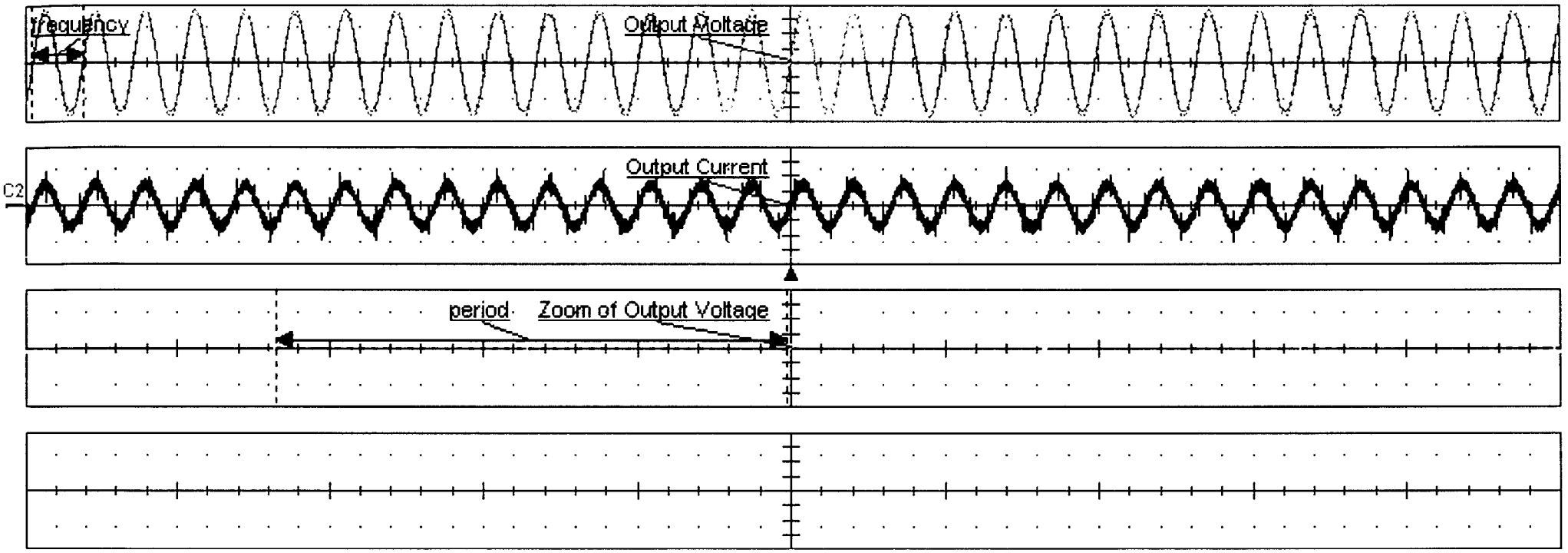
histo



0752 1.

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	10:37:42 AM	7.2037	2.4559	0.0247	0.0050	60549.8709	0.0000
2	10:38:12 AM	7.2037	2.4660	0.0245	0.0051	60626.7912	0.0000
3	10:38:42 AM	7.2921	2.4810	0.0252	0.0051	60705.2951	0.0000
4	10:39:12 AM	7.3363	2.4820	0.0261	0.0051	60503.8474	0.0000
5	10:39:42 AM	7.2921	2.4788	0.0247	0.0051	60674.0758	0.0000
6	10:40:12 AM	7.2921	2.4796	0.0243	0.0051	60712.2906	0.0000
7	10:40:42 AM	7.2921	2.4794	0.0254	0.0051	60625.8958	0.0000
8	10:41:12 AM	7.2479	2.4766	0.0239	0.0051	60722.2630	0.0000
9	10:41:42 AM	7.2479	2.4773	0.0247	0.0051	60574.2049	0.0000
10	10:42:12 AM	7.3363	2.4794	0.0243	0.0051	60630.2960	0.0000

0753 SECTION 4 VARIED TEMP 102f SP2
009914



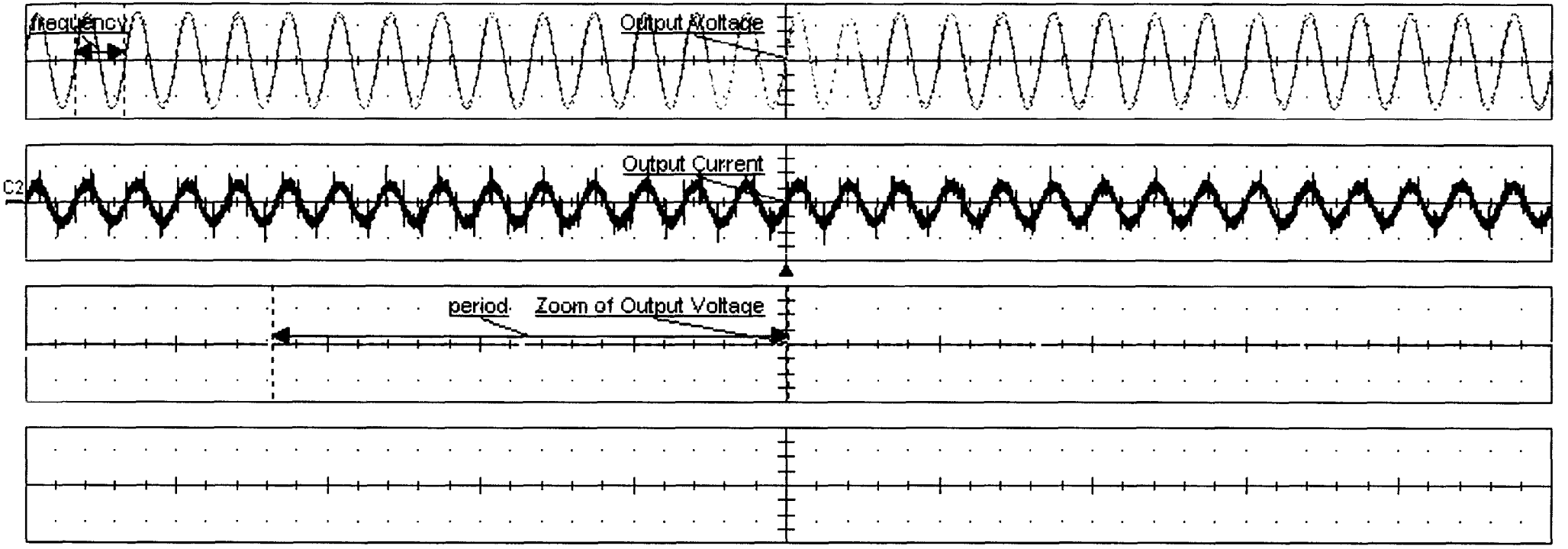
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.25 V	2.478 V	25.0 mV	5.07 mV	60.6255 kHz	16.50981 µs
mean	7.2754 V	2.47876 V	24.791 mV	5.0777 mV	60.654 kHz	16.4869898 µs
min	6.98 V	2.377 V	22.5 mV	4.86 mV	60.4 kHz	16.40511 µs
max	7.42 V	2.491 V	27.8 mV	5.13 mV	61.0 kHz	16.54833 µs
sdev	33.8 mV	5.96 mV	692 µV	15.5 µV	63 Hz	16.9251 ns
num	3.345e+3	3.345e+3	3.345e+3	3.345e+3	100.350e+3	6.690e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.85 µs/div	100 kS 200 MS/s	Edge Positive

0754 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	2:31:17 PM	6.5850	2.2393	0.0256	0.0046	59819.3344	0.0000
2	2:31:47 PM	6.5408	2.2462	0.0263	0.0047	60143.4045	0.0000
3	2:32:17 PM	6.6292	2.2537	0.0265	0.0047	59665.1319	0.0000
4	2:32:47 PM	6.5408	2.2569	0.0276	0.0047	60247.2833	0.0000
5	2:33:17 PM	6.5408	2.2605	0.0259	0.0047	60111.8790	0.0000
6	2:33:47 PM	6.6292	2.2639	0.0259	0.0047	59900.4250	0.0000
7	2:34:17 PM	6.5850	2.2659	0.0254	0.0047	59914.7762	0.0000
8	2:34:47 PM	6.5850	2.2691	0.0252	0.0047	60000.9593	0.0000
9	2:35:17 PM	6.6292	2.2700	0.0256	0.0047	59916.1174	0.0000
10	2:35:47 PM	6.6734	2.2723	0.0283	0.0047	59787.7465	0.0000

SECTION 4 VARIEDTEMP. 39f 0P62021



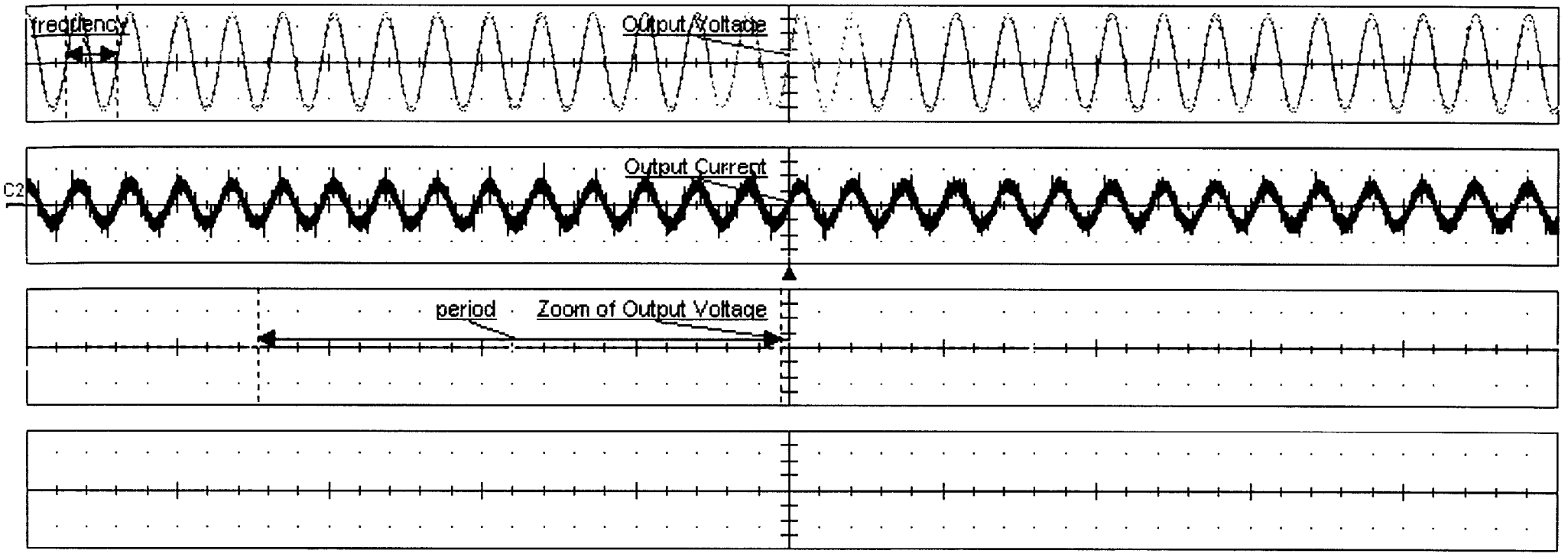
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.63 V	2.274 V	26.3 mV	4.71 mV	60.2086 kHz	16.69858 µs
mean	6.6055 V	2.26048 V	26.323 mV	4.6809 mV	60.0352 kHz	16.6572734 µs
min	6.28 V	2.153 V	24.1 mV	4.47 mV	58.81 kHz	16.37417 µs
max	6.76 V	2.275 V	30.7 mV	4.74 mV	61.26 kHz	16.92500 µs
sdev	48.4 mV	13.07 mV	779 µV	28.7 µV	238.8 Hz	66.8199 ns
num	3.265e+3	3.265e+3	3.265e+3	3.265e+3	91.420e+3	6.530e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.95 µs/div	100 kS 200 MS/s	Edge Positive

0756 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	2:52:31 PM	6.6292	2.2767	0.0254	0.0047	59392.5696	0.0000
2	2:53:02 PM	6.6292	2.2890	0.0261	0.0047	59386.5755	0.0000
3	2:53:32 PM	6.7618	2.2972	0.0263	0.0048	59302.2007	0.0000
4	2:54:02 PM	6.7176	2.3030	0.0250	0.0048	59365.0337	0.0000
5	2:54:32 PM	6.7176	2.3075	0.0252	0.0048	59393.5548	0.0000
6	2:55:02 PM	6.8060	2.3109	0.0247	0.0048	59318.6703	0.0000
7	2:55:32 PM	6.7618	2.3134	0.0261	0.0048	59299.6835	0.0000
8	2:56:02 PM	6.7176	2.3160	0.0285	0.0048	59120.8982	0.0000
9	2:56:32 PM	6.7618	2.3177	0.0256	0.0048	59252.8570	0.0000
10	2:57:02 PM	6.7176	2.3192	0.0259	0.0048	59441.0513	0.0000

0757 SECTION 4 VARIED TEMP 31FSP1 A65120



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.76 V	2.321 V	26.1 mV	4.81 mV	59.2251 kHz	16.83774 µs
mean	6.7199 V	2.30608 V	25.703 mV	4.7694 mV	59.317 kHz	16.8587224 µs
min	6.36 V	2.187 V	23.2 mV	4.52 mV	58.4 kHz	16.65000 µs
max	6.85 V	2.322 V	29.4 mV	4.83 mV	60.3 kHz	17.08074 µs
sdev	52.7 mV	15.58 mV	861 µV	32.6 µV	118 Hz	33.6024 ns
num	3.297e+3	3.298e+3	3.298e+3	3.298e+3	92.344e+3	6.596e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1	5.00 mV/div	F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	0.00 mV ofst	1.00 V/div	50.0 µs/div	Stop 400 mV
0 mV offset		4.00 µs/div	100 kS 200 MS/s	Edge Positive

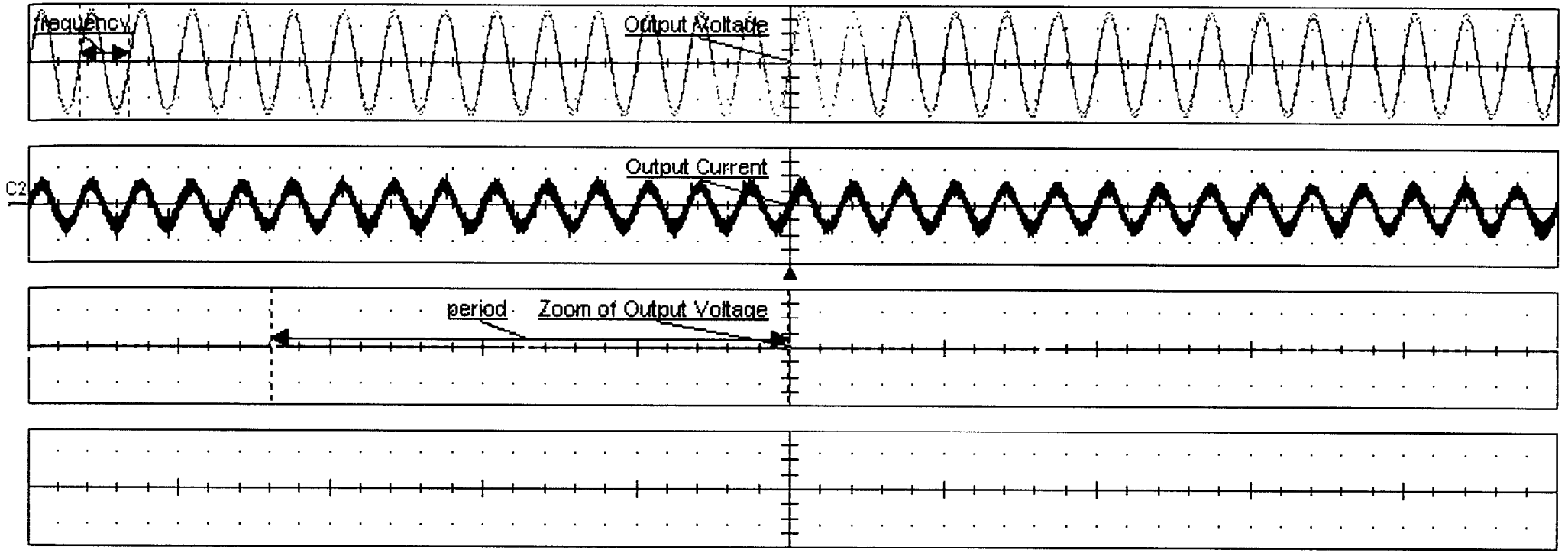
0758 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	1:09:43 PM	6.4524	2.1758	0.0256	0.0045	58470.6445	0.0000
2	1:10:13 PM	6.3198	2.1425	0.0267	0.0044	58536.4586	0.0000
3	1:10:43 PM	6.3198	2.1467	0.0270	0.0044	58623.0636	0.0000
4	1:11:13 PM	6.4082	2.1476	0.0274	0.0044	58670.5224	0.0000
5	1:11:43 PM	6.4082	2.1499	0.0250	0.0044	58650.8399	0.0000
6	1:12:13 PM	6.4082	2.1545	0.0287	0.0044	58505.3529	0.0000
7	1:12:43 PM	6.3640	2.1448	0.0250	0.0044	58692.7625	0.0000
8	1:13:13 PM	6.3640	2.1501	0.0281	0.0044	58532.2891	0.0000
9	1:13:43 PM	6.3640	2.1513	0.0272	0.0044	58631.3653	0.0000
10	1:14:13 PM	6.4524	2.1581	0.0261	0.0044	58486.5351	0.0000

SECTION 4 VARIED TEMP 39f SP1 S137817

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	2:41:56 PM	7.1153	2.3988	0.0225	0.0049	60464.0824	0.0000
2	2:42:26 PM	7.1595	2.4324	0.0221	0.0050	59946.2836	0.0000
3	2:42:56 PM	7.1595	2.4283	0.0225	0.0050	60224.6939	0.0000
4	2:43:26 PM	7.1595	2.4195	0.0223	0.0050	59946.8388	0.0000
5	2:43:56 PM	7.1595	2.4194	0.0217	0.0050	60349.0441	0.0000
6	2:44:26 PM	7.1153	2.4067	0.0217	0.0049	60372.1862	0.0000
7	2:44:56 PM	7.2037	2.4342	0.0232	0.0050	60038.0149	0.0000
8	2:45:26 PM	7.2479	2.4453	0.0223	0.0050	60407.2042	0.0000
9	2:45:56 PM	7.2037	2.4389	0.0225	0.0050	60270.0906	0.0000
10	2:46:26 PM	7.1595	2.4270	0.0214	0.0050	60370.4682	0.0000

0760 SECTION 4 VARIED TEMP 39f SP2 005602



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.20 V	2.432 V	22.1 mV	5.00 mV	60.1577 kHz	16.55055 µs
mean	7.1871 V	2.42645 V	21.999 mV	4.9727 mV	60.1749 kHz	16.6178125 µs
min	6.89 V	2.299 V	19.9 mV	4.69 mV	59.56 kHz	16.48354 µs
max	7.34 V	2.447 V	25.2 mV	5.04 mV	60.71 kHz	16.78579 µs
sdev	40.0 mV	10.35 mV	704 µV	23.9 µV	182.7 Hz	50.4627 ns
num	3.276e+3	3.276e+3	3.276e+3	3.276e+3	91.739e+3	6.552e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1 1.00 V/div 0 mV offset

C2 5.00 mV/div 0.00 mV ofst

F1 zoom(C1) 1.00 V/div 4.96 µs/div

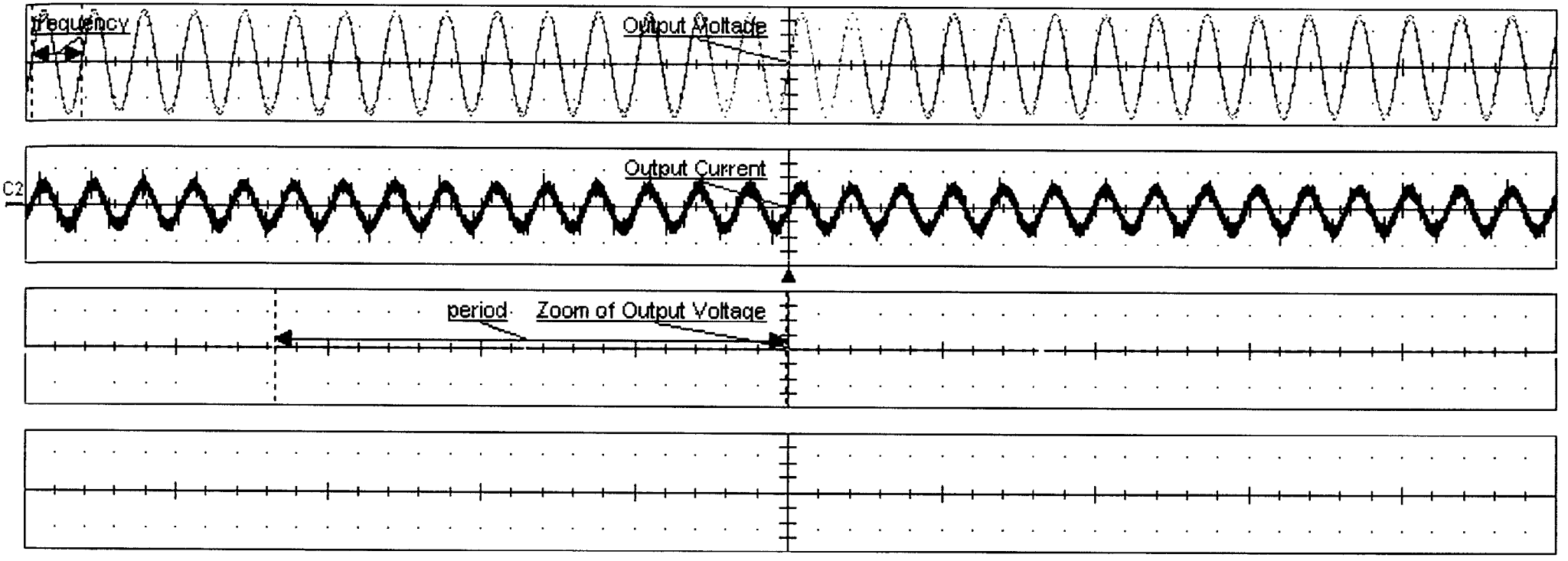
Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s

Trigger C1 Stop 0.00 V Edge Positive

0761

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	1:01:36 PM	7.0711	2.4045	0.0245	0.0049	60403.8133	0.0000
2	1:02:06 PM	7.1595	2.4075	0.0239	0.0049	60624.8340	0.0000
3	1:02:36 PM	7.0711	2.3843	0.0245	0.0049	60730.3261	0.0000
4	1:03:06 PM	7.1153	2.3985	0.0241	0.0049	60640.4884	0.0000
5	1:03:36 PM	7.1153	2.3856	0.0239	0.0049	60361.7860	0.0000
6	1:04:06 PM	7.1153	2.3991	0.0243	0.0049	60437.4639	0.0000
7	1:04:36 PM	7.1153	2.4010	0.0254	0.0049	60303.6417	0.0000
8	1:05:06 PM	7.1153	2.4066	0.0236	0.0049	60553.7768	0.0000
9	1:05:36 PM	7.1595	2.4177	0.0250	0.0050	60349.4001	0.0000
10	1:06:06 PM	7.0711	2.3921	0.0236	0.0049	60615.3363	0.0000

0762 SECTION 4 VARIED TEMP 39F SP2
05625 (INT)



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.16 V	2.422 V	23.6 mV	4.95 mV	60.5849 kHz	16.55060 µs
mean	6.8395 V	2.30256 V	23.865 mV	4.7476 mV	897.328 kHz	8.0314141 µs
min	442 mV	60 mV	9.5 mV	997 µV	-2.0577405 GHz	-30.01 ns
max	8.40 V	2.446 V	27.6 mV	5.03 mV	3.1709646 GHz	16.65199 µs
sdev	1.2647 V	448.02 mV	2.541 mV	744.3 µV	15.500599 MHz	7.8482857 µs
num	2.909e+3	2.909e+3	2.909e+3	2.909e+3	141.684e+3	12.170e+3
status	✔	✔	✔	✔	✔	✔
histo						

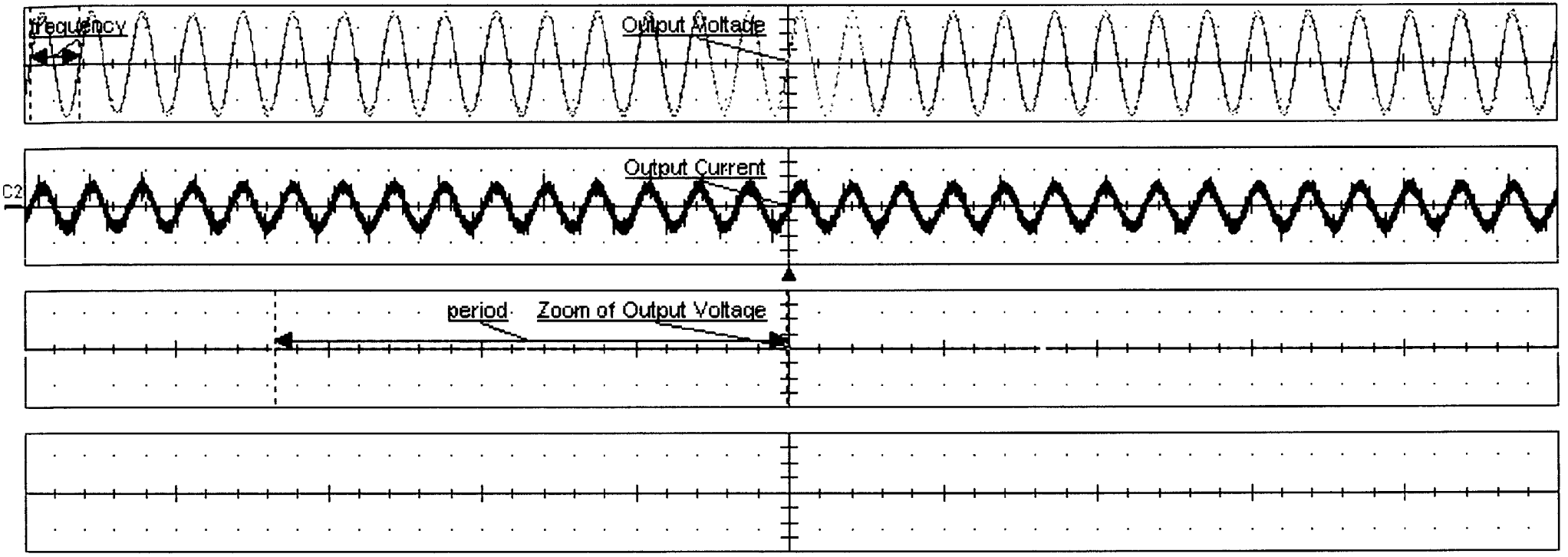
C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.95 µs/div	100 kS 200 MS/s	Edge Positive

0763

SECTION 4 VARIEDTEMP 34fSP2
115625 (INTERMITTENT)

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	1:01:36 PM	7.0711	2.4045	0.0245	0.0049	60403.8133	0.0000
2	1:02:06 PM	7.1595	2.4075	0.0239	0.0049	60624.8340	0.0000
3	1:02:36 PM	7.0711	2.3843	0.0245	0.0049	60730.3261	0.0000
4	1:03:06 PM	7.1153	2.3985	0.0241	0.0049	60640.4884	0.0000
5	1:03:36 PM	7.1153	2.3856	0.0239	0.0049	60361.7860	0.0000
6	1:04:06 PM	7.1153	2.3991	0.0243	0.0049	60437.4639	0.0000
7	1:04:36 PM	7.1153	2.4010	0.0254	0.0049	60303.6417	0.0000
8	1:05:06 PM	7.1153	2.4066	0.0236	0.0049	60553.7768	0.0000
9	1:05:36 PM	7.1595	2.4177	0.0250	0.0050	60349.4001	0.0000
10	1:06:06 PM	7.0711	2.3921	0.0236	0.0049	60615.3363	0.0000

SOLUTION 4 VARIED TEMP 39f SP2015625



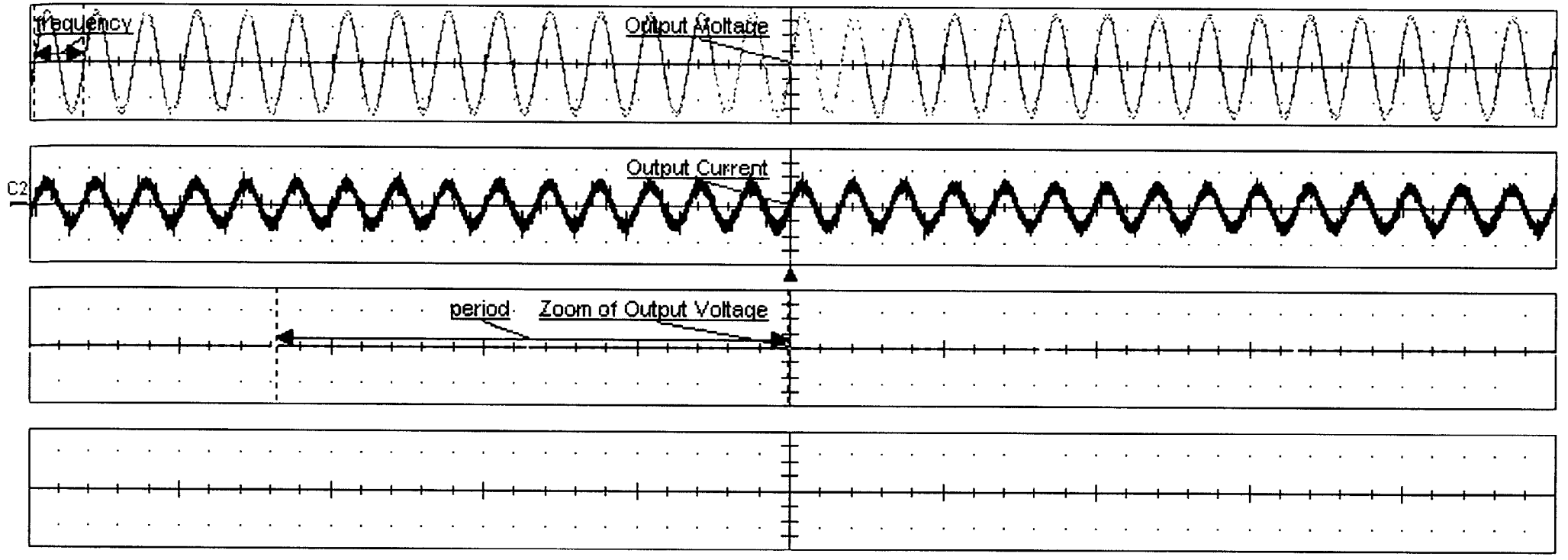
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.16 V	2.422 V	23.6 mV	4.95 mV	60.5849 kHz	16.55060 µs
mean	6.8395 V	2.30256 V	23.865 mV	4.7476 mV	897.328 kHz	8.0314141 µs
min	442 mV	60 mV	9.5 mV	997 µV	-2.0577405 GHz	-30.01 ns
max	8.40 V	2.446 V	27.6 mV	5.03 mV	3.1709646 GHz	16.65199 µs
sdev	1.2647 V	448.02 mV	2.541 mV	744.3 µV	15.500599 MHz	7.8482857 µs
num	2.909e+3	2.909e+3	2.909e+3	2.909e+3	141.684e+3	12.170e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1 1.00 V/div 0 mV offset	5.00 mV/div 0.00 mV ofst	F1 zoom(C1) 1.00 V/div 4.96 µs/div	Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s	Trigger C1 Stop 0.00 V Edge Positive

0765 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:59:28 PM	7.1153	2.3981	0.0243	0.0049	60449.9122	0.0000
2	3:59:59 PM	7.1153	2.4144	0.0228	0.0049	60494.7020	0.0000
3	4:00:29 PM	7.2037	2.4373	0.0236	0.0050	60562.1602	0.0000
4	4:00:59 PM	7.2037	2.4299	0.0245	0.0050	60500.6706	0.0000
5	4:01:29 PM	7.2037	2.4295	0.0236	0.0049	60536.1168	0.0000
6	4:01:59 PM	7.1595	2.4441	0.0232	0.0050	60458.6099	0.0000
7	4:02:29 PM	7.2479	2.4419	0.0236	0.0050	60501.7011	0.0000
8	4:02:59 PM	7.1595	2.4416	0.0234	0.0050	60536.7470	0.0000
9	4:03:29 PM	7.1153	2.4404	0.0239	0.0050	60429.6220	0.0000
10	4:03:59 PM	7.1595	2.4102	0.0252	0.0049	60515.5291	0.0000

0766 SECTION 4 VARIED TEMP 39fSp2 015425



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.12 V	2.420 V	22.8 mV	4.92 mV	60.3526 kHz	16.52235 µs
mean	7.1714 V	2.43167 V	23.505 mV	4.9502 mV	60.498 kHz	16.5298789 µs
min	6.89 V	2.330 V	21.4 mV	4.74 mV	60.0 kHz	16.45734 µs
max	7.29 V	2.453 V	26.5 mV	5.00 mV	60.8 kHz	16.62061 µs
sdev	44.0 mV	12.45 mV	724 µV	26.9 µV	76 Hz	21.0666 ns
num	3.011e+3	3.011e+3	3.011e+3	3.011e+3	90.330e+3	6.022e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1 1.00 V/div 0 mV offset

5.00 mV/div 0.00 mV ofst

F1 zoom(C1) 1.00 V/div

Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s

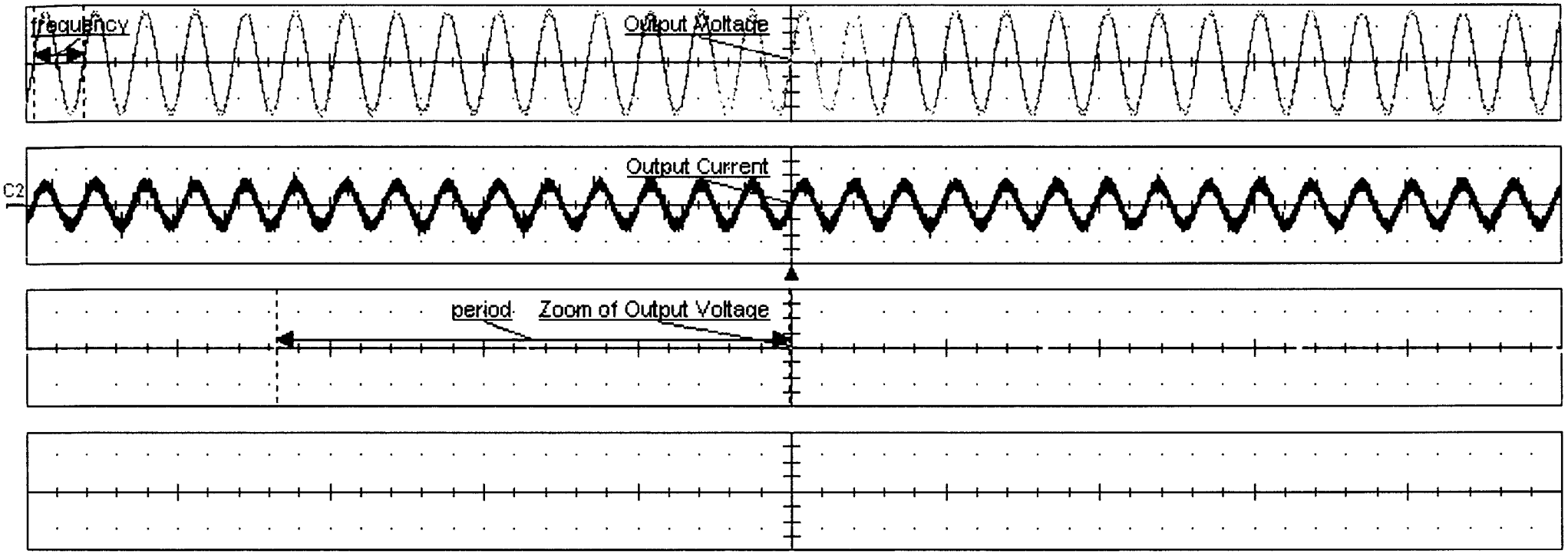
Trigger C1 Stop 0.00 V Edge Positive

0767 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:01:17 PM	7.2479	2.4426	0.0230	0.0050	60557.5606	0.0000
2	3:01:48 PM	7.2037	2.4424	0.0228	0.0050	60971.7762	0.0000
3	3:02:18 PM	7.2037	2.4373	0.0232	0.0050	60588.6445	0.0000
4	3:02:48 PM	7.2479	2.4540	0.0236	0.0050	60536.0173	0.0000
5	3:03:18 PM	7.2479	2.4409	0.0228	0.0050	60785.8017	0.0000
6	3:03:48 PM	7.2037	2.4523	0.0230	0.0050	60586.3356	0.0000
7	3:04:18 PM	7.2037	2.4496	0.0230	0.0050	60687.6402	0.0000
8	3:04:48 PM	7.2037	2.4440	0.0223	0.0050	60861.7600	0.0000
9	3:05:18 PM	7.2037	2.4486	0.0230	0.0050	60593.9380	0.0000
10	3:05:48 PM	7.2479	2.4569	0.0234	0.0050	60588.2293	0.0000

SECTION 4 VARIED TEMP 39f Sp2
CF1235

0768



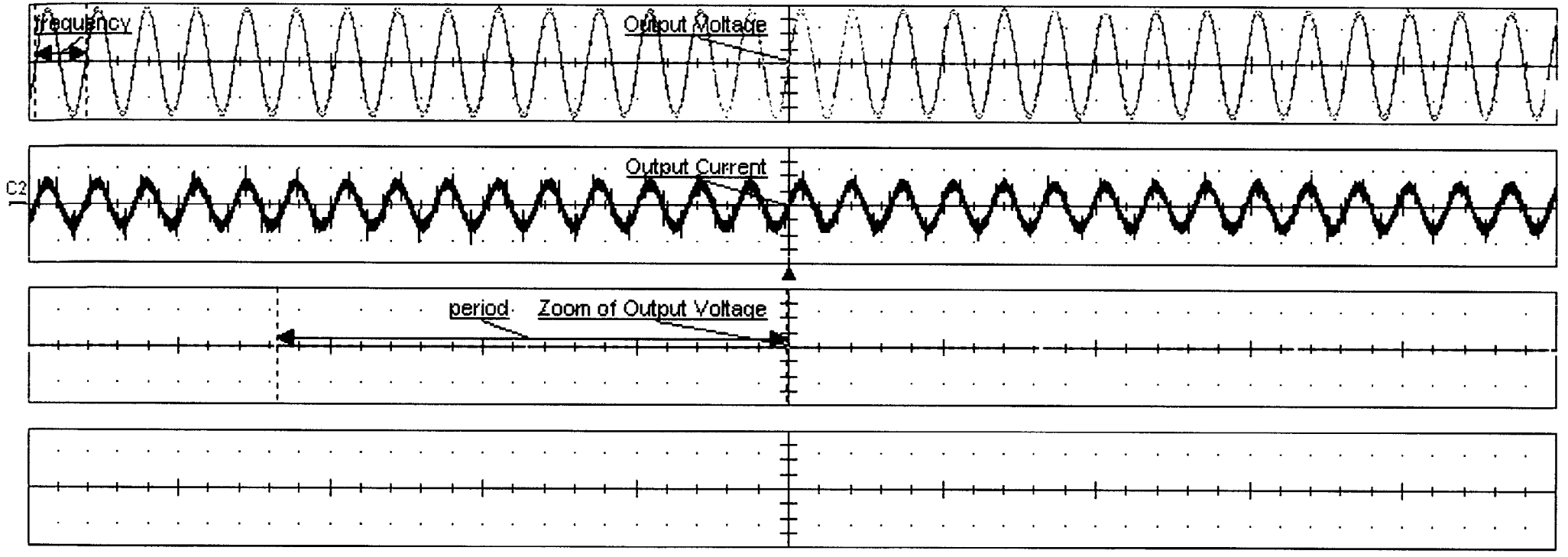
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.25 V	2.462 V	21.9 mV	5.00 mV	60.5719 kHz	16.42457 µs
mean	7.2156 V	2.44848 V	22.269 mV	4.9802 mV	0 MHz	16.4848584 µs
min	7.12 V	2.431 V	20.1 mV	4.93 mV	0 GHz	16.36986 µs
max	7.34 V	2.470 V	25.0 mV	5.03 mV	0 GHz	16.56815 µs
sdev	32.9 mV	8.21 mV	725 µV	18.3 µV	0 MHz	33.5281 ns
num	3.244e+3	3.244e+3	3.244e+3	3.244e+3	97.320e+3	6.488e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	[illegible]	100 kS 200 MS/s	Edge Positive

0769

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	11:58:01 AM	7.3363	2.4996	0.0236	0.0051	60483.5488	0.0000
2	11:58:31 AM	7.4689	2.5386	0.0252	0.0052	60642.1104	0.0000
3	11:59:01 AM	7.5131	2.5379	0.0252	0.0052	60644.3031	0.0000
4	11:59:31 AM	7.4689	2.5342	0.0250	0.0052	60642.4206	0.0000
5	12:00:01 PM	7.4689	2.5445	0.0254	0.0052	60644.5698	0.0000
6	12:00:31 PM	7.5131	2.5420	0.0256	0.0052	60621.9119	0.0000
7	12:01:01 PM	7.4689	2.5364	0.0256	0.0052	60735.6355	0.0000
8	12:01:31 PM	7.5131	2.5492	0.0263	0.0053	60647.9394	0.0000
9	12:02:01 PM	7.3805	2.5348	0.0252	0.0052	60561.7597	0.0000
10	12:02:31 PM	7.4247	2.5415	0.0254	0.0052	60617.1391	0.0000

0770 SECTION 4 VARIED TEMP 39f Sp2
C09914



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.51 V	2.549 V	25.9 mV	5.22 mV	60.5630 kHz	16.48622 µs
mean	7.4678 V	2.53930 V	25.265 mV	5.2231 mV	60.627 kHz	16.4940955 µs
min	7.07 V	2.391 V	23.0 mV	4.88 mV	60.3 kHz	16.43477 µs
max	7.56 V	2.554 V	28.3 mV	5.27 mV	60.9 kHz	16.55488 µs
sdev	38.4 mV	7.91 mV	742 µV	22.0 µV	57 Hz	15.5007 ns
num	3.267e+3	3.267e+3	3.267e+3	3.267e+3	98.010e+3	6.534e+3
status	✔	✔	✔	✔	✔	✔

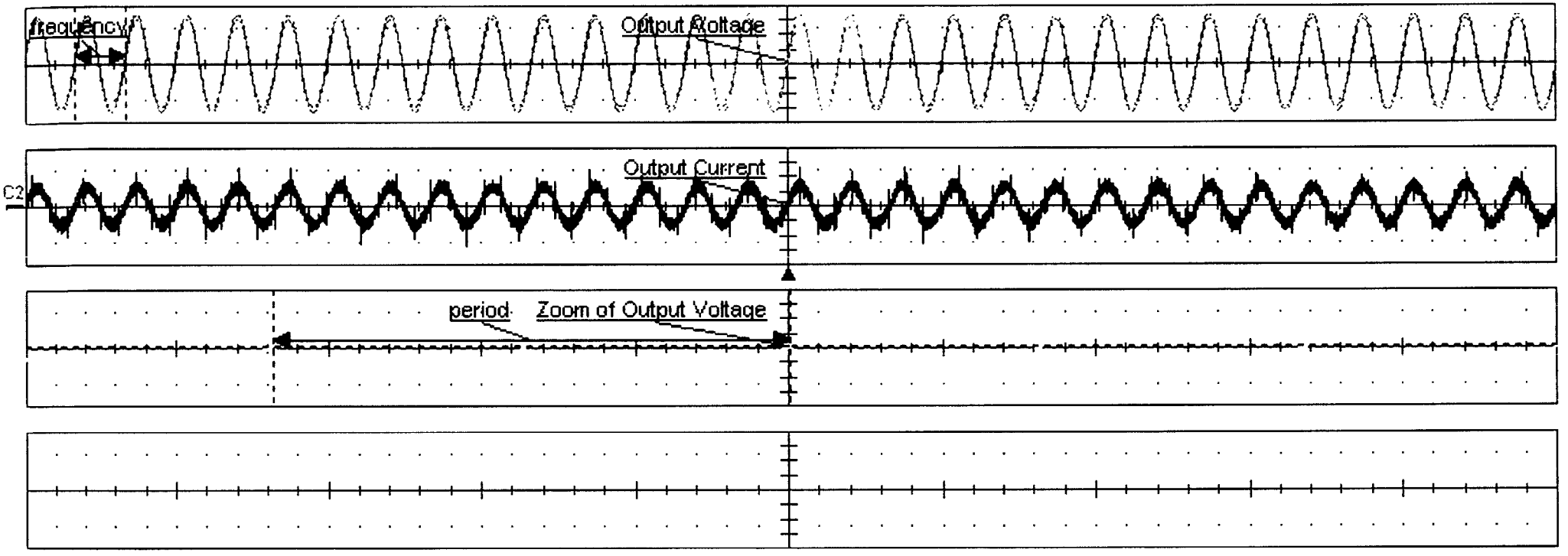
histo

C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0771

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:52:28 PM	6.4524	2.2194	0.0259	0.0046	60079.4755	0.0000
2	3:52:58 PM	6.5850	2.2265	0.0247	0.0046	59717.0300	0.0000
3	3:53:28 PM	6.4966	2.2314	0.0250	0.0046	59918.1118	0.0000
4	3:53:58 PM	6.4966	2.2337	0.0263	0.0047	59974.2242	0.0000
5	3:54:28 PM	6.5850	2.2364	0.0256	0.0047	60169.1279	0.0000
6	3:54:58 PM	6.6292	2.2523	0.0247	0.0047	60157.3703	0.0000
7	3:55:28 PM	6.5850	2.2534	0.0265	0.0047	60024.0096	0.0000
8	3:55:58 PM	6.6292	2.2546	0.0245	0.0047	60292.4810	0.0000
9	3:56:28 PM	6.6734	2.2556	0.0256	0.0047	59655.1019	0.0000
10	3:56:58 PM	6.5850	2.2568	0.0254	0.0046	59539.3967	0.0000

SECTION 4 VARIED TEMP 70f OP 62021



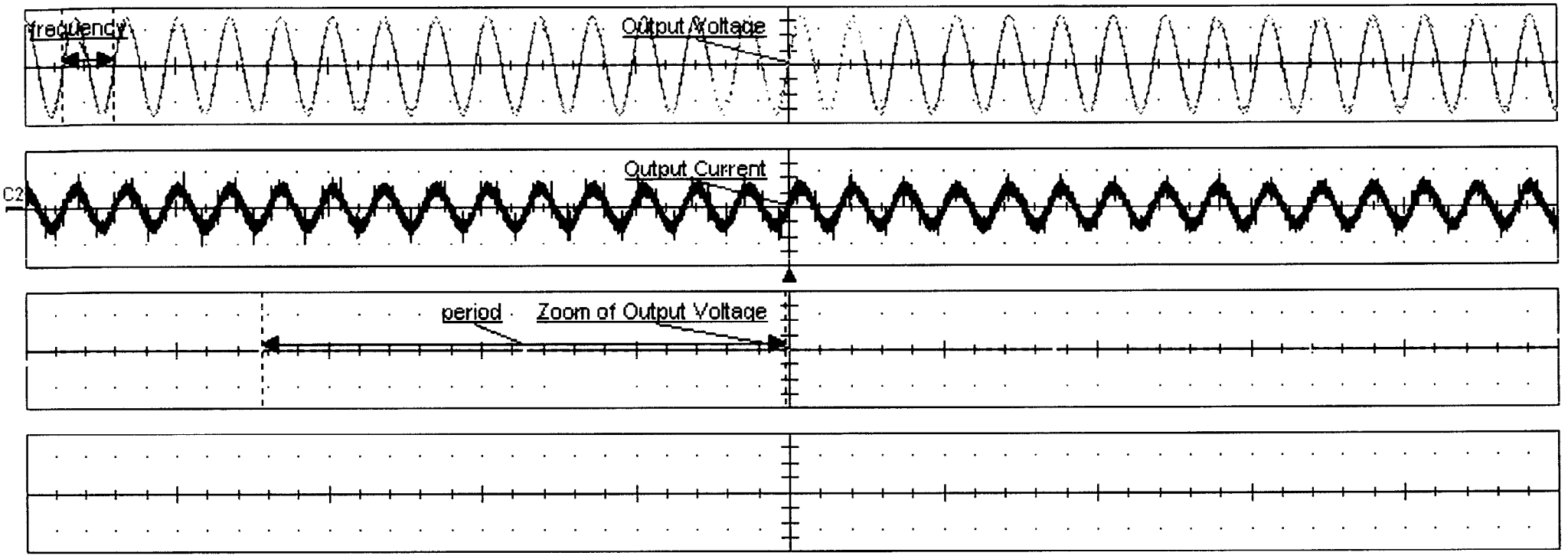
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.67 V	2.257 V	26.7 mV	4.68 mV	59.8646 kHz	16.58108 µs
mean	6.5936 V	2.24279 V	25.716 mV	4.6532 mV	59.9718 kHz	16.6742017 µs
min	6.28 V	2.132 V	22.8 mV	4.43 mV	58.69 kHz	16.40258 µs
max	6.76 V	2.258 V	28.7 mV	4.71 mV	61.13 kHz	17.03973 µs
sdev	54.7 mV	15.49 mV	841 µV	28.2 µV	238.5 Hz	66.5127 ns
num	3.210e+3	3.210e+3	3.210e+3	3.210e+3	89.880e+3	6.420e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1	5.00 mV/div	F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	0.00 mV ofst	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset		4.95 µs/div	100 kS 200 MS/s	Edge Positive

0773

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:48:11 PM	6.6292	2.2494	0.0228	0.0045	59125.6452	0.0000
2	3:48:41 PM	6.6292	2.2510	0.0256	0.0046	59071.1529	0.0000
3	3:49:11 PM	6.6734	2.2538	0.0256	0.0046	58955.1357	0.0000
4	3:49:41 PM	6.6292	2.2553	0.0259	0.0046	59104.0786	0.0000
5	3:50:11 PM	6.5850	2.2549	0.0259	0.0046	59069.6722	0.0000
6	3:50:41 PM	6.6292	2.2559	0.0245	0.0046	59147.9994	0.0000
7	3:51:11 PM	6.6734	2.2565	0.0247	0.0046	59121.9362	0.0000
8	3:51:41 PM	6.7176	2.2570	0.0250	0.0046	59083.6125	0.0000
9	3:52:11 PM	6.6734	2.2569	0.0259	0.0046	59088.3271	0.0000
10	3:52:41 PM	6.6734	2.2577	0.0247	0.0046	59103.8934	0.0000

SLOTTED 4 VARIED TEMP 70f SP1AG5120



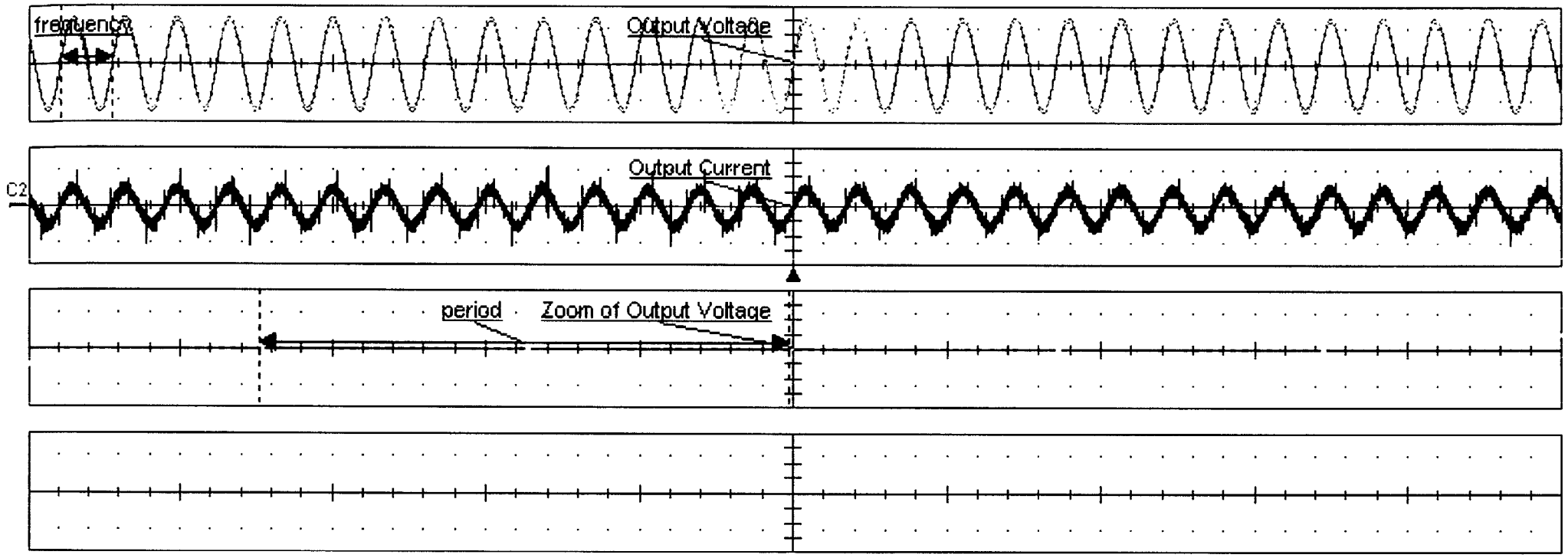
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.67 V	2.258 V	24.5 mV	4.57 mV	59.2169 kHz	16.95568 µs
mean	6.6431 V	2.25400 V	25.424 mV	4.5956 mV	59.087546 kHz	16.9238608 µs
min	6.36 V	2.158 V	22.3 mV	4.39 mV	58.7113 kHz	16.83219 µs
max	6.76 V	2.258 V	28.7 mV	4.64 mV	59.4530 kHz	17.01707 µs
sdev	36.3 mV	9.47 mV	847 µV	22.5 µV	61.204 Hz	16.9689 ns
num	3.253e+3	3.253e+3	3.253e+3	3.253e+3	91.084e+3	6.506e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0775 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	1:49:13 PM	6.4966	2.1778	0.0278	0.0044	58462.9791	0.0000
2	1:49:43 PM	6.5408	2.1808	0.0267	0.0044	58550.8966	0.0000
3	1:50:13 PM	6.4966	2.1838	0.0256	0.0044	58457.3529	0.0000
4	1:50:43 PM	6.4966	2.1855	0.0263	0.0044	58536.7547	0.0000
5	1:51:13 PM	6.4524	2.1872	0.0265	0.0044	58481.4438	0.0000
6	1:51:43 PM	6.4966	2.1881	0.0259	0.0045	58478.7246	0.0000
7	1:52:13 PM	6.4966	2.1883	0.0252	0.0045	58490.7616	0.0000
8	1:52:43 PM	6.4966	2.1886	0.0265	0.0045	58534.0478	0.0000
9	1:53:13 PM	6.4966	2.1902	0.0265	0.0045	58611.6640	0.0000
10	1:53:43 PM	6.4966	2.1898	0.0261	0.0045	58576.6959	0.0000

SECTION 4 VARIEDTEMP 70(SP) S13787



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.45 V	2.191 V	27.2 mV	4.45 mV	58.4003 kHz	17.11189 µs
mean	6.4889 V	2.18557 V	25.940 mV	4.4442 mV	58.500 kHz	17.0940055 µs
min	6.19 V	2.087 V	23.4 mV	4.23 mV	58.2 kHz	17.02800 µs
max	6.58 V	2.191 V	29.6 mV	4.48 mV	58.8 kHz	17.16319 µs
sdev	36.8 mV	9.79 mV	891 µV	22.8 µV	54 Hz	15.7635 ns
num	3.143e+3	3.143e+3	3.143e+3	3.143e+3	88.004e+3	6.286e+3
status	✔	✔	✔	✔	✔	✔
histo						

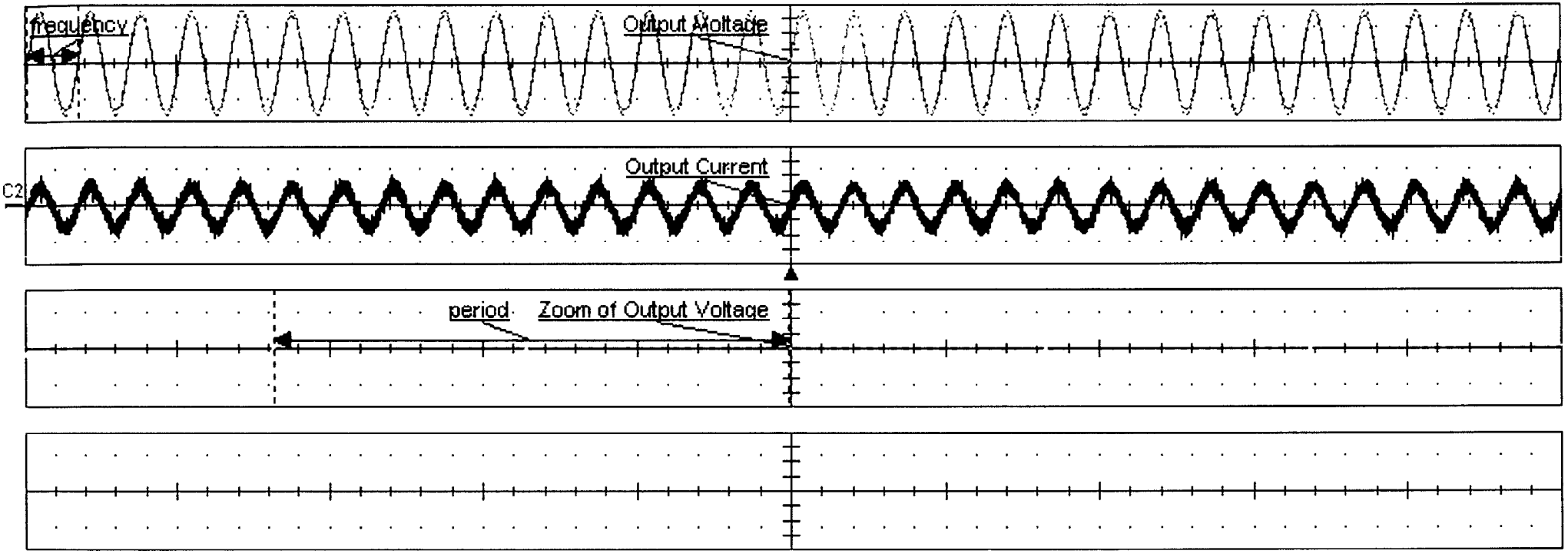
C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.95 µs/div	100 kS 200 MS/s	Edge Positive

0777

1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:44:44 PM	7.0711	2.3943	0.0219	0.0049	60489.1241	0.0000
2	3:45:14 PM	7.0711	2.3913	0.0221	0.0049	60516.1802	0.0000
3	3:45:44 PM	7.0711	2.3877	0.0219	0.0049	60186.5247	0.0000
4	3:46:14 PM	7.0711	2.3904	0.0223	0.0049	60366.7143	0.0000
5	3:46:44 PM	7.1595	2.3994	0.0228	0.0049	60360.0365	0.0000
6	3:47:14 PM	7.1153	2.4072	0.0223	0.0050	60294.3655	0.0000
7	3:47:44 PM	7.0711	2.3917	0.0228	0.0049	60212.0875	0.0000
8	3:48:14 PM	7.1153	2.4012	0.0225	0.0050	60485.9750	0.0000
9	3:48:44 PM	7.1153	2.3987	0.0219	0.0050	60118.1955	0.0000
10	3:49:14 PM	7.1595	2.4032	0.0228	0.0050	60168.2310	0.0000

0778 SECTION 4 VARIED TEMP 70f Sp2
C05602



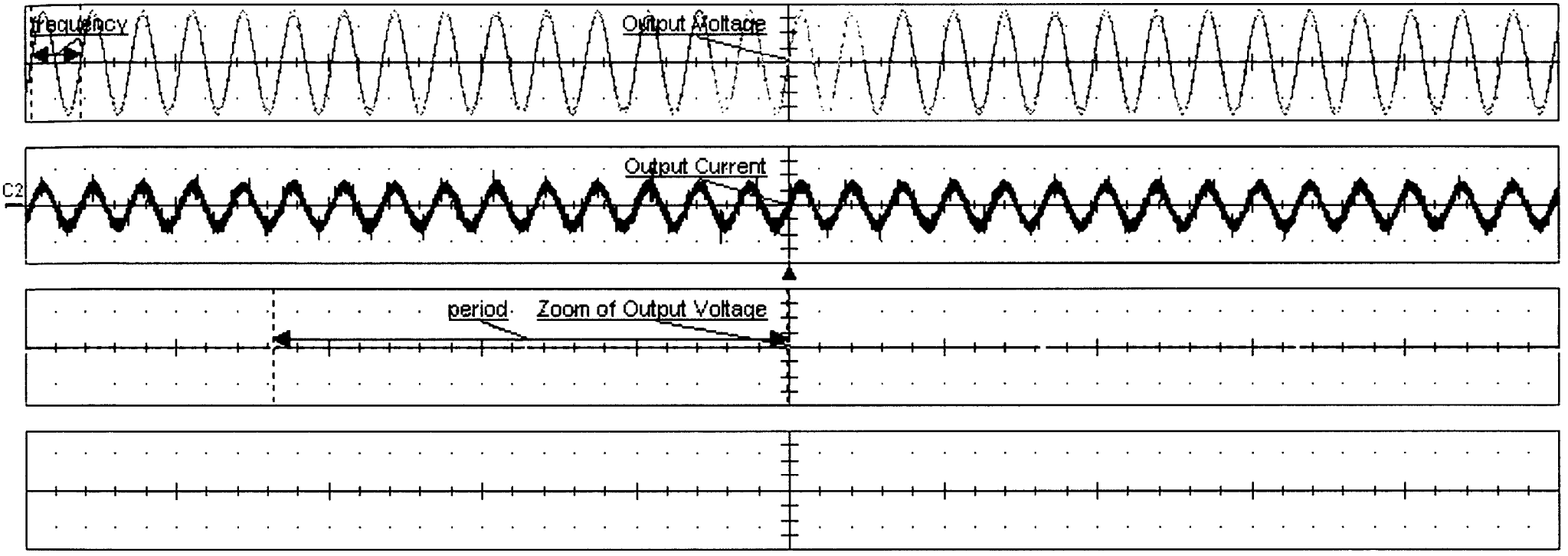
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.16 V	2.399 V	22.3 mV	4.94 mV	60.1467 kHz	16.67740 µs
mean	7.1157 V	2.39714 V	22.249 mV	4.9323 mV	60.3033 kHz	16.5834979 µs
min	6.98 V	2.343 V	19.9 mV	4.78 mV	59.70 kHz	16.48269 µs
max	7.25 V	2.416 V	24.7 mV	5.01 mV	60.80 kHz	16.74824 µs
sdev	36.4 mV	7.60 mV	734 µV	24.2 µV	147.4 Hz	40.8890 ns
num	3.077e+3	3.077e+3	3.077e+3	3.077e+3	92.217e+3	6.154e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1	5.00 mV/div	F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	0.00 mV ofst	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset		4.86 µs/div	100 kS 200 MS/s	Edge Positive

0779
1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	1:57:23 PM	7.0711	2.3906	0.0239	0.0049	60618.6479	0.0000
2	1:57:53 PM	7.0269	2.3796	0.0234	0.0048	60485.6167	0.0000
3	1:58:23 PM	7.0711	2.3963	0.0230	0.0049	60512.4394	0.0000
4	1:58:53 PM	7.0711	2.3742	0.0239	0.0048	60453.0427	0.0000
5	1:59:23 PM	7.0711	2.3940	0.0236	0.0049	60601.6260	0.0000
6	1:59:53 PM	7.0711	2.3884	0.0241	0.0048	60434.6001	0.0000
7	2:00:23 PM	7.1153	2.4068	0.0236	0.0049	60509.3784	0.0000
8	2:00:53 PM	7.0711	2.4012	0.0239	0.0049	60622.5120	0.0000
9	2:01:23 PM	7.0269	2.3746	0.0232	0.0048	60492.3339	0.0000
10	2:01:53 PM	7.0711	2.3880	0.0234	0.0049	60561.5675	0.0000

0780 SECTION 4 VARIED TEMP 70-FSp2 015625



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.07 V	2.398 V	24.7 mV	4.87 mV	60.6202 kHz	16.51730 µs
mean	7.0810 V	2.39239 V	23.481 mV	4.8641 mV	60.527 kHz	16.5208133 µs
min	6.89 V	2.325 V	21.2 mV	4.72 mV	60.1 kHz	16.42453 µs
max	7.20 V	2.413 V	26.7 mV	4.93 mV	61.1 kHz	16.60092 µs
sdev	34.5 mV	10.00 mV	753 µV	22.3 µV	82 Hz	22.1828 ns
num	3.040e+3	3.040e+3	3.040e+3	3.040e+3	91.200e+3	6.080e+3
status	✔	✔	✔	✔	✔	✔
histo						

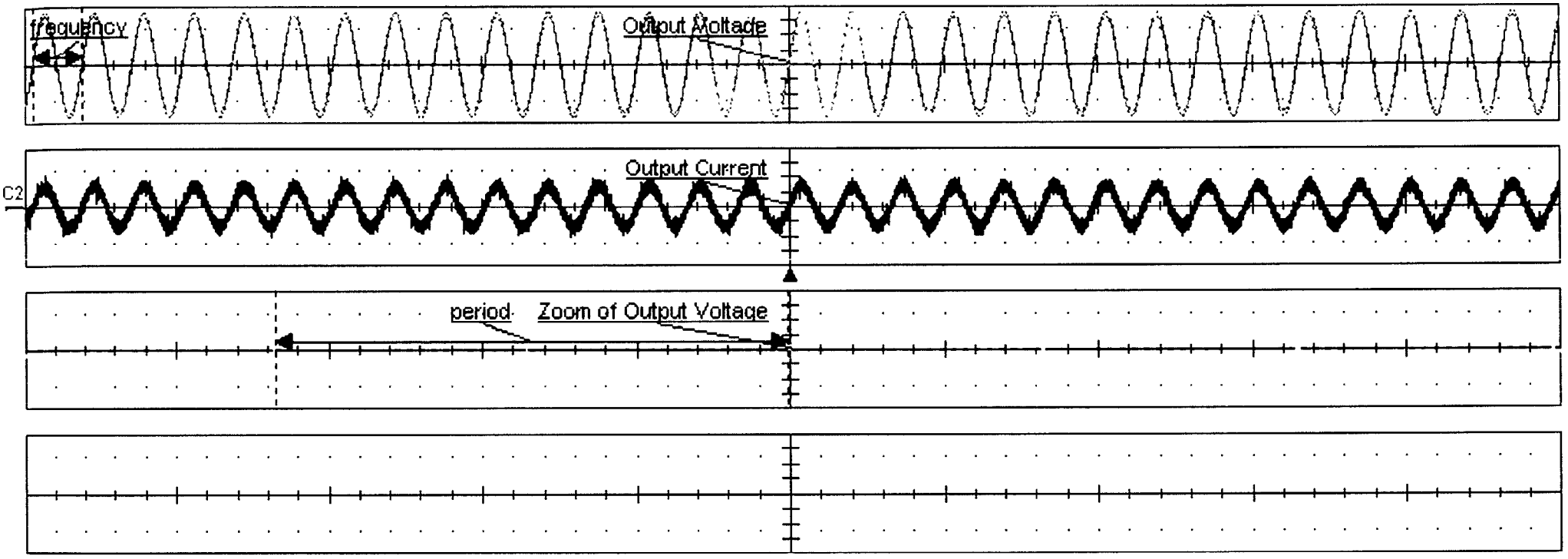
C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div 4.00 µs/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0781 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	3:55:49 PM	7.2037	2.4195	0.0214	0.0049	60666.5759	0.0000
2	3:56:19 PM	7.0711	2.4037	0.0228	0.0049	60522.0728	0.0000
3	3:56:49 PM	7.1153	2.4163	0.0239	0.0049	60666.7238	0.0000
4	3:57:19 PM	7.0711	2.4100	0.0228	0.0049	61017.3508	0.0000
5	3:57:49 PM	7.0711	2.4015	0.0223	0.0049	60953.5330	0.0000
6	3:58:19 PM	7.2037	2.4259	0.0221	0.0049	60783.7531	0.0000
7	3:58:49 PM	7.1153	2.4295	0.0228	0.0049	60886.5332	0.0000
8	3:59:19 PM	7.1595	2.4281	0.0232	0.0049	60668.3048	0.0000
9	3:59:49 PM	7.2037	2.4277	0.0225	0.0049	60557.6908	0.0000
10	4:00:19 PM	7.1595	2.4258	0.0214	0.0049	60808.8822	0.0000

SECTION 4 VARIED TEMP 7 of 5 p2
019235

0782



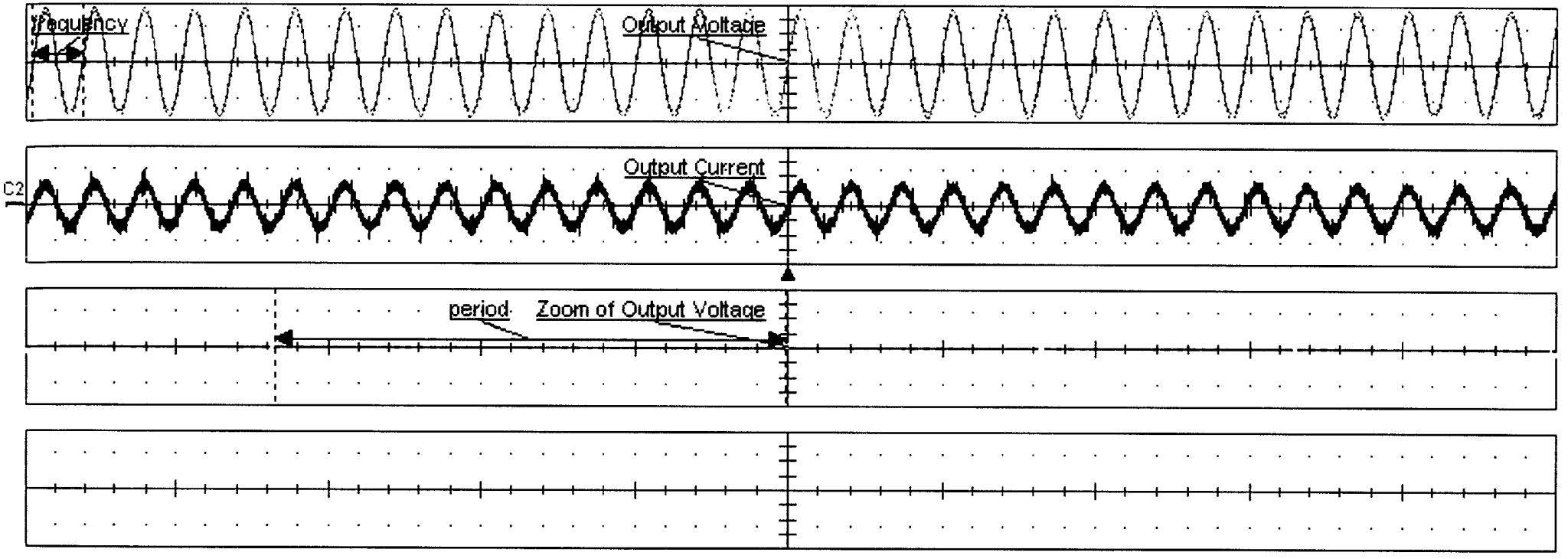
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.16 V	2.417 V	21.0 mV	4.92 mV	60.5698 kHz	16.40075 µs
mean	7.1279 V	2.41710 V	22.307 mV	4.9203 mV	60.710340 kHz	16.4719651 µs
min	7.03 V	2.394 V	20.1 mV	4.86 mV	60.2690 kHz	16.35261 µs
max	7.25 V	2.435 V	25.9 mV	5.17 mV	61.3136 kHz	16.57566 µs
sdev	36.4 mV	8.52 mV	717 µV	21.7 µV	170.503 Hz	45.9999 ns
num	3.150e+3	3.151e+3	3.151e+3	3.151e+3	94.530e+3	6.302e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	1.85 µs/div	100 kS 200 MS/s	Edge Positive

0783 1

Measurement #	Time	P1 pkpk(C1)	P2 rms(C1)	P3 pkpk(C2)	P4 rms(C2)	P5 freq(C1)	P6 period(F1)
1	11:15:26 AM	7.2479	2.4716	0.0232	0.0051	60594.0901	0.0000
2	11:15:57 AM	7.2921	2.4949	0.0245	0.0051	60643.6109	0.0000
3	11:16:27 AM	7.2921	2.4901	0.0252	0.0051	60663.6089	0.0000
4	11:16:57 AM	7.2921	2.4884	0.0241	0.0051	60688.4199	0.0000
5	11:17:27 AM	7.3363	2.4909	0.0245	0.0051	60719.6885	0.0000
6	11:17:57 AM	7.2921	2.5018	0.0239	0.0051	60632.7684	0.0000
7	11:18:27 AM	7.3805	2.5058	0.0263	0.0051	60698.2535	0.0000
8	11:18:57 AM	7.3363	2.5047	0.0265	0.0051	60584.0901	0.0000
9	11:19:27 AM	7.3805	2.5019	0.0243	0.0051	60593.2635	0.0000
10	11:19:57 AM	7.2921	2.4985	0.0252	0.0051	60622.4732	0.0000

SECTION 4 VARIED TEMP 7Ch Sp2
009914



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.38 V	2.500 V	24.3 mV	5.13 mV	60.7077 kHz	16.48331 µs
mean	7.3455 V	2.49920 V	> 24.499 mV	---	60.639 kHz	16.4910451 µs
min	7.25 V	2.483 V	> 22.3 mV	---	60.4 kHz	16.43120 µs
max	7.47 V	2.515 V	> 42.2 mV	---	60.9 kHz	16.55311 µs
sdev	35.4 mV	5.57 mV	> 782 µV	---	55 Hz	15.5254 ns
num	2.248e+3	2.248e+3	2.248e+3	2.247e+3	67.440e+3	4.496e+3
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.96 µs/div	100 kS 200 MS/s	Edge Positive

0785 1

Unit	LED Startup Sequence	Normal Mode	Open Circuit Mode
SP1 A65120	No Activity	Flashes green every 4 seconds	Flashes red every second for about 1/2 second
SP1 62021	Flashed yellow for about 1/2 second	Flashes green every 4 seconds	Flashes red every second for about 1/2 second
SP1 S13787	No Activity	Flashes green every 4 seconds	Flashes red every second for about 1/2 second
SP2 019235	Flashes yellow for about 1/2 second, then turns off for about 6 seconds, then flashes yellow again	LED is off	Flashes yellow every second for about 1/2 second
SP2 005602	Flashes yellow for about 1/2 second, then turns off for about 6 seconds, then flashes yellow again	LED is off	Flashes yellow every second for about 1/2 second
SP2 015625	Flashes yellow for about 1/2 second, then turns off for about 6 seconds, then flashes yellow again	LED is off	Flashes yellow every second for about 1/2 second
SP2 009914	Flashes yellow for about 1/2 second, then turns off for about 6 seconds, then flashes yellow again	LED is off	Flashes yellow every second for about 1/2 second

SECTIONS 5-6 ALARM & LED OBSERVATIONS.XLS

Number of Measuremens (Max # 65534)	Time interval between Measurements in Seconds	Total time of Measurements
2100	1	

Trigger Mode

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

Firmware Version
3.7.0.4 nsis (build 61612)

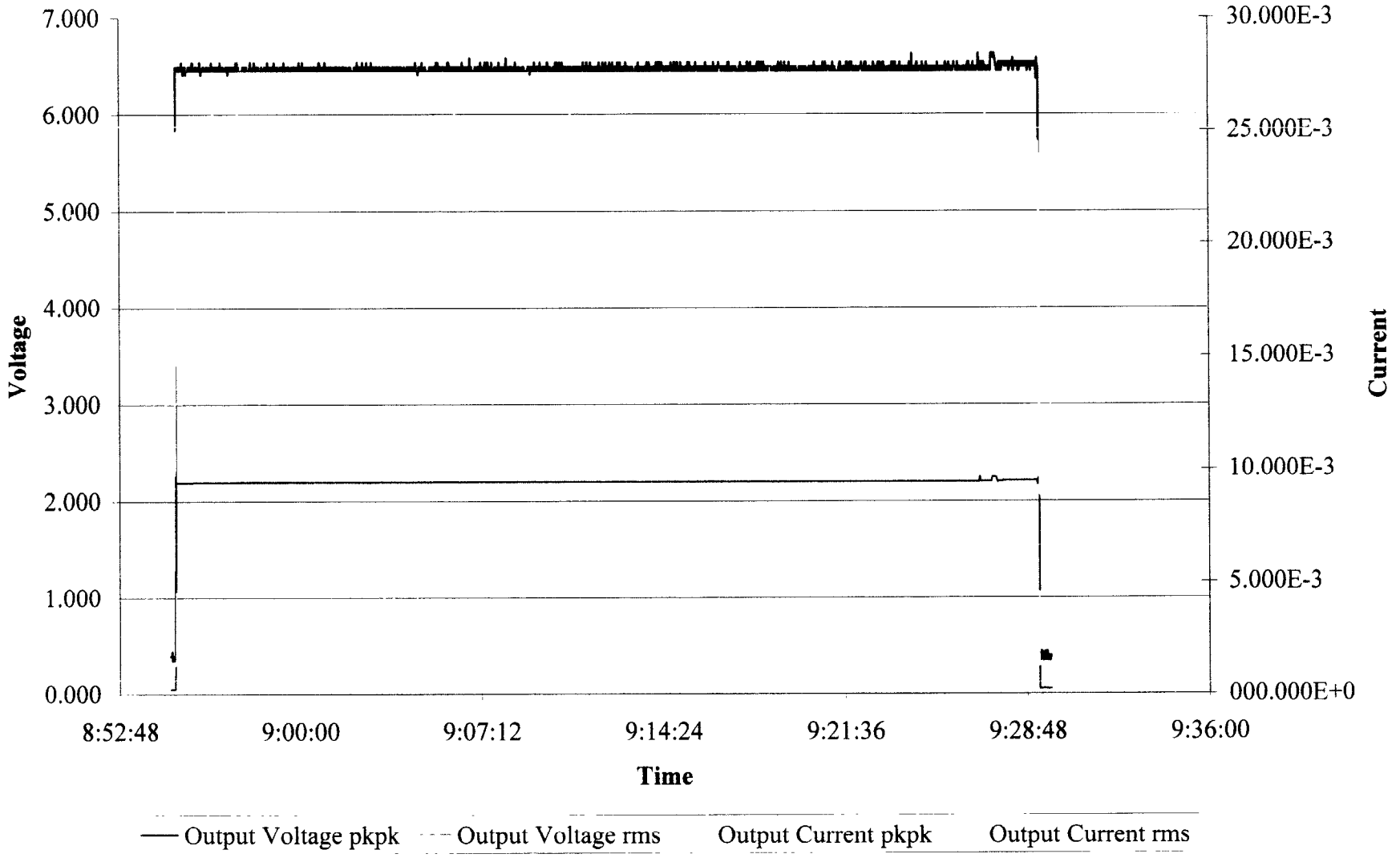
3

Single
Normal
Auto

0787

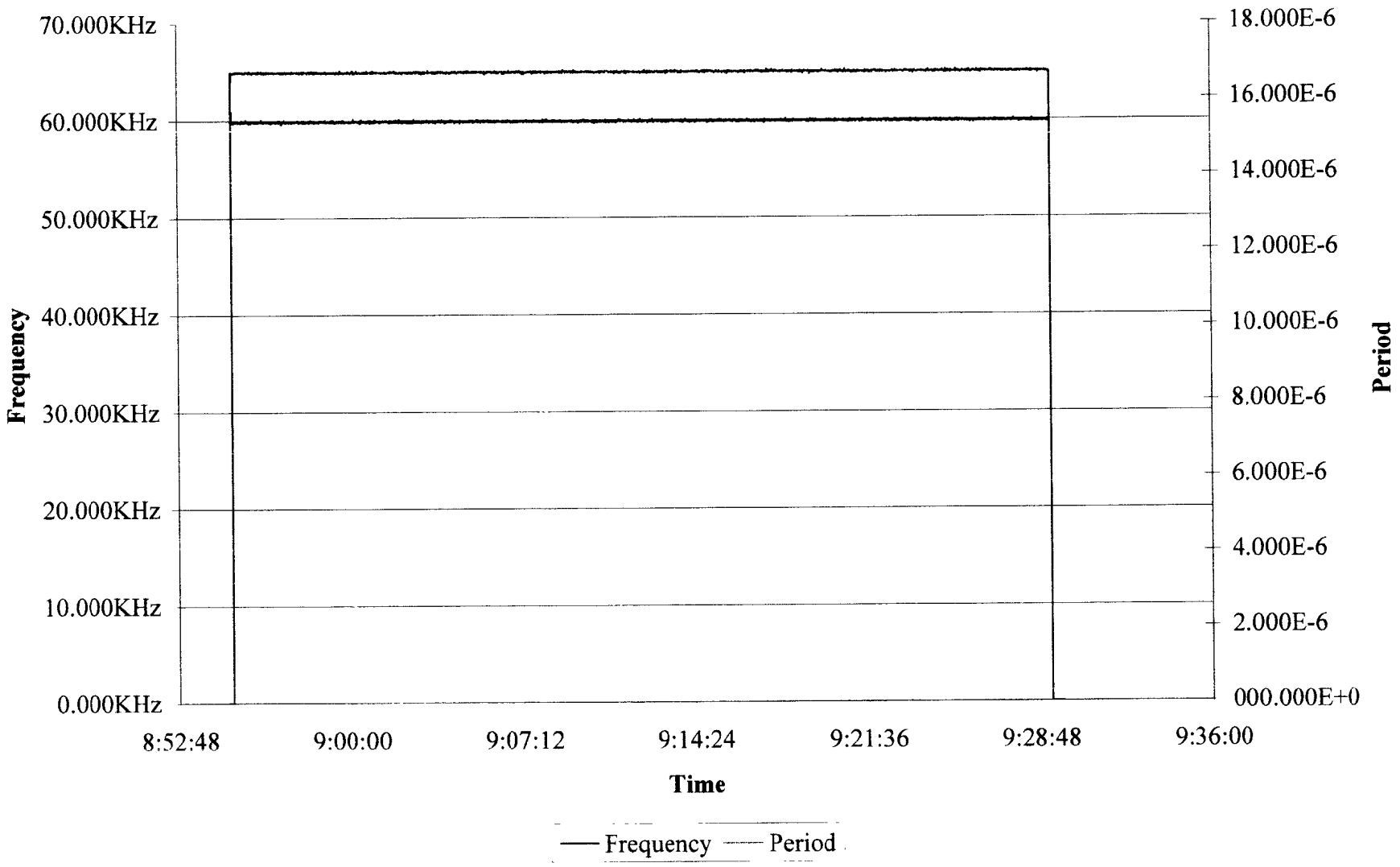
OP 62021 SECTION 7

Output Voltage and Current Chart



0788

Output Frequency Chart



0789

Number of Measuremens (Max # 65534)	Time interval between Measurements in Seconds	Total time of Measurements
2100	1	

Trigger Mode

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

Firmware Version
3.7.0.4 nsis (build 61612)

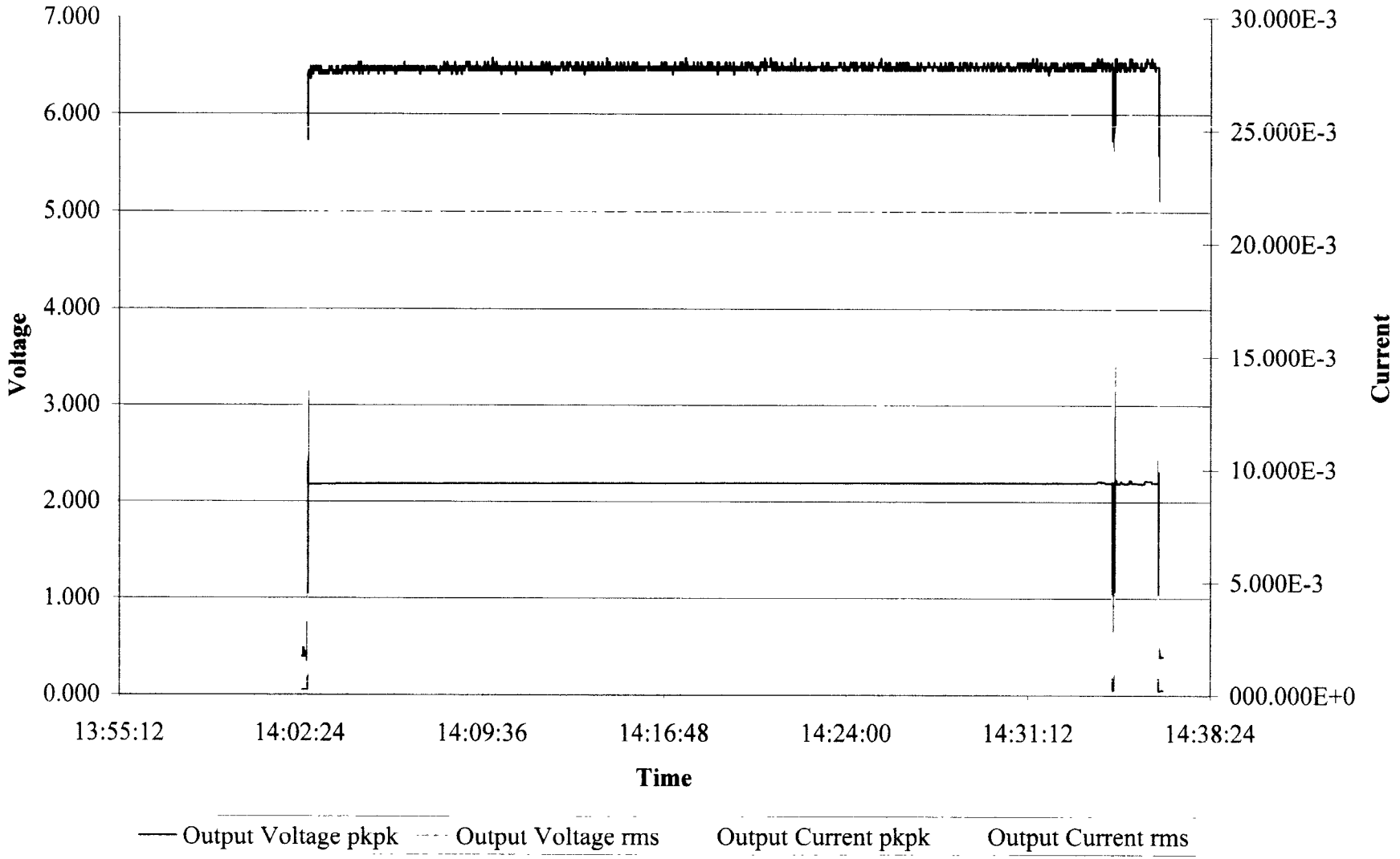
3

Single
Normal
Auto

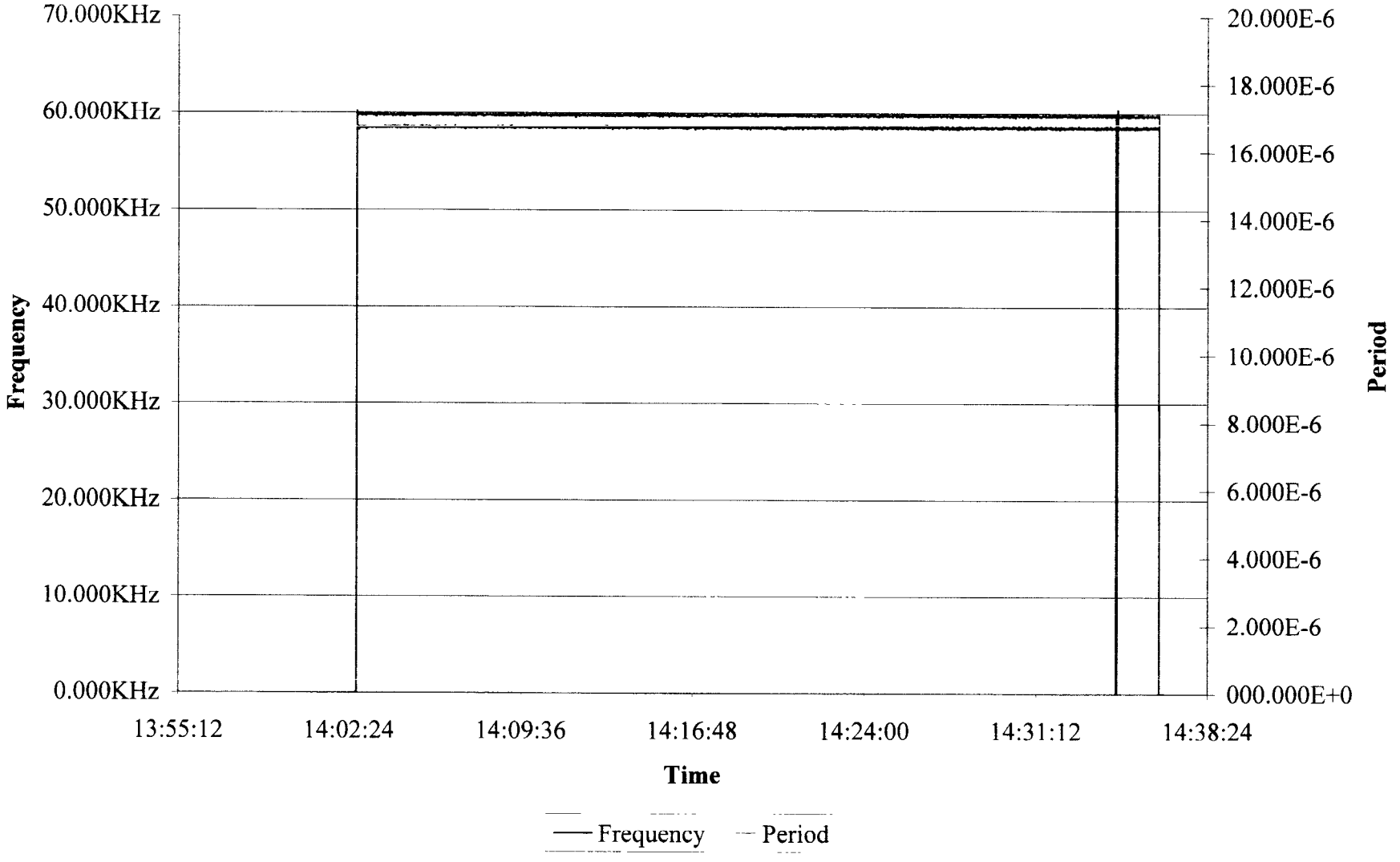
0790

SPI S137187 SECTION 7

Output Voltage and Current Chart



Output Frequency Chart



Number of Measuremens (Max # 65534)	Time interval between Measurements in Seconds	Total time of Measurements
2100	1	

Trigger Mode

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

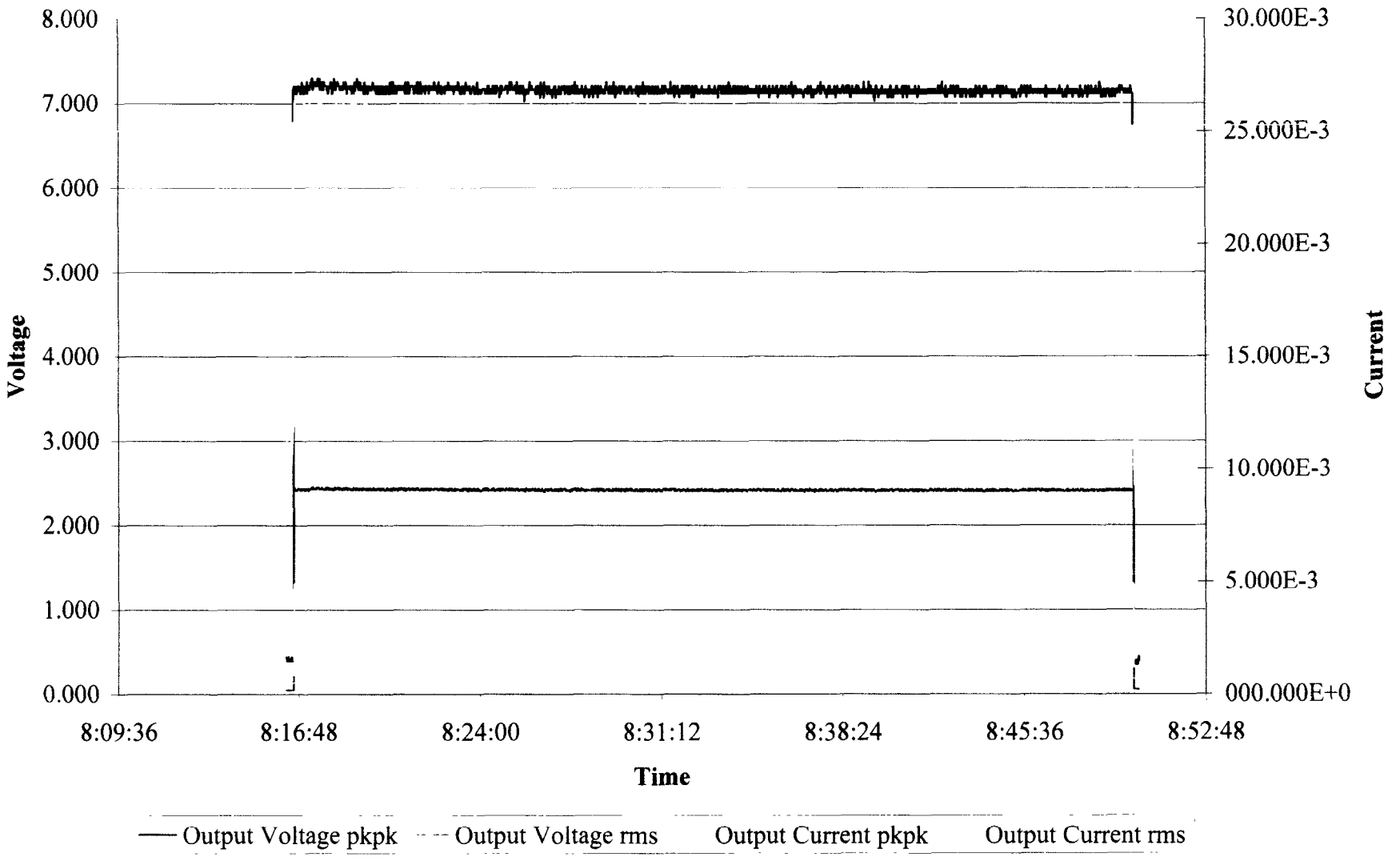
Firmware Version
3.7.0.4 nsis (build 61612)

3

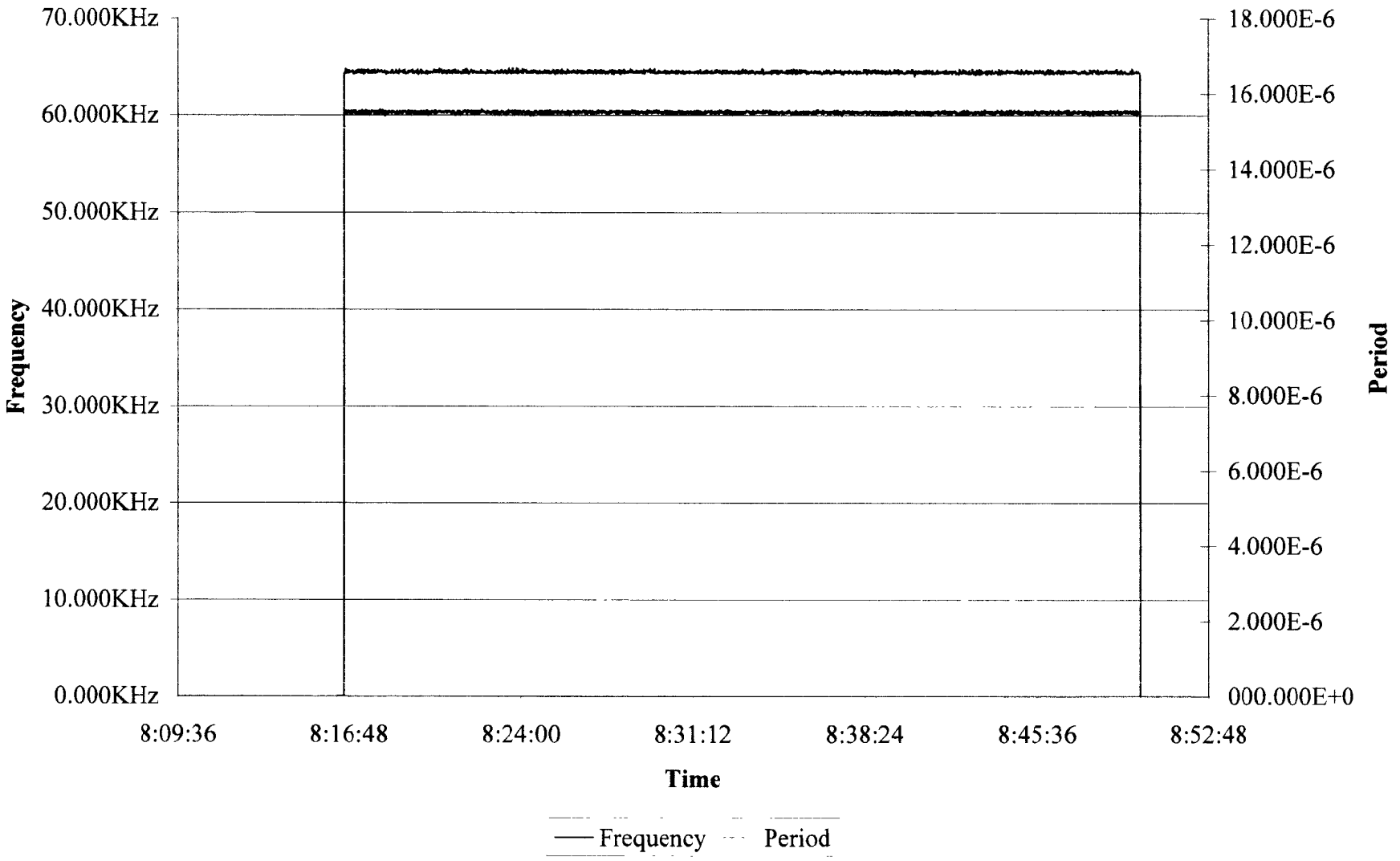
Single
Normal
Auto

SP2 CC5602 SECTION 7

Output Voltage and Current Chart



Output Frequency Chart



Number of Measuremens (Max # 65534)	Time Interval between Measurements in Seconds	Total time of Measurements
2100	1	

Trigger Mode

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

Firmware Version
3.7.0.4 nsis (build 61612)

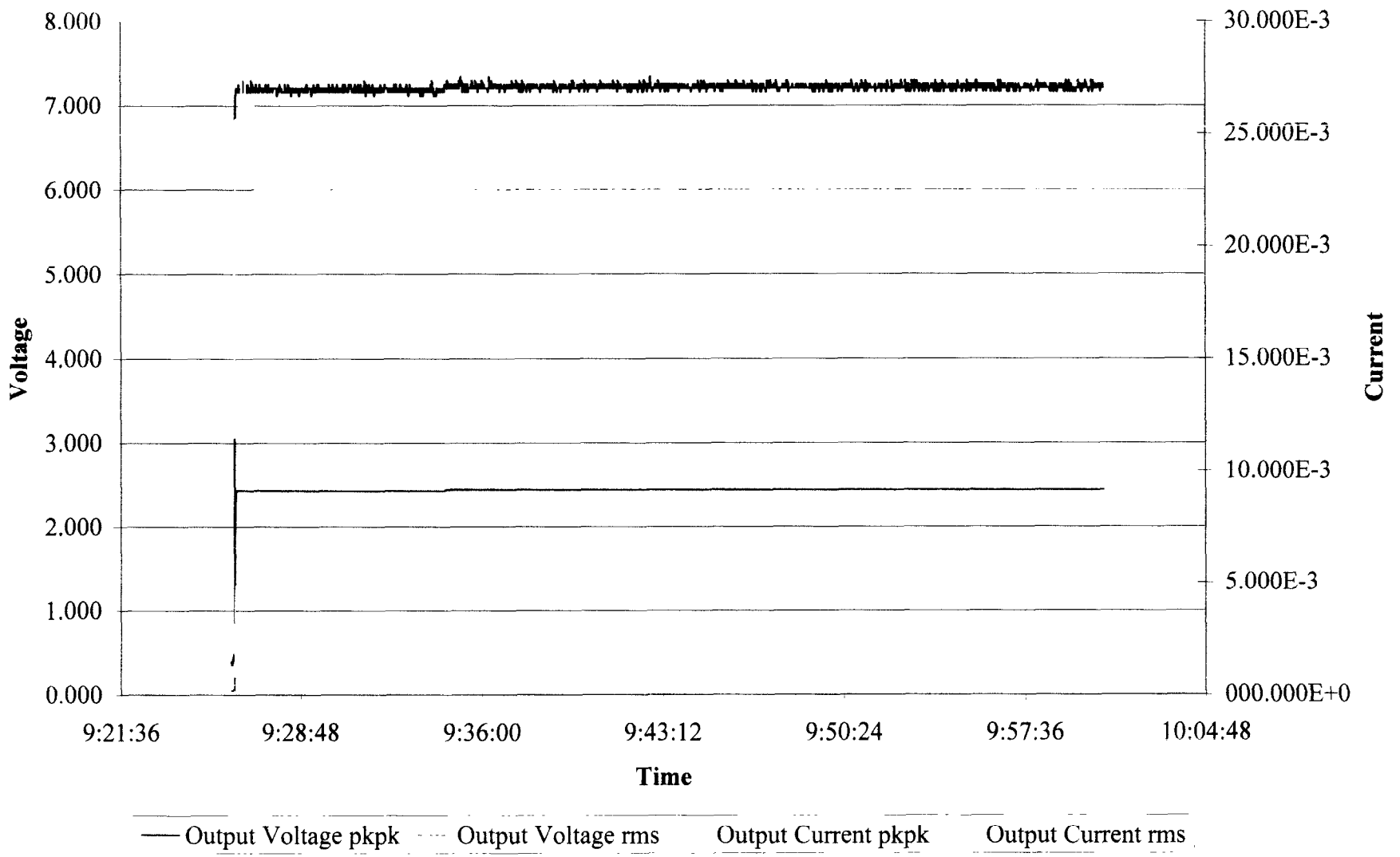
3

Single
Normal
Auto

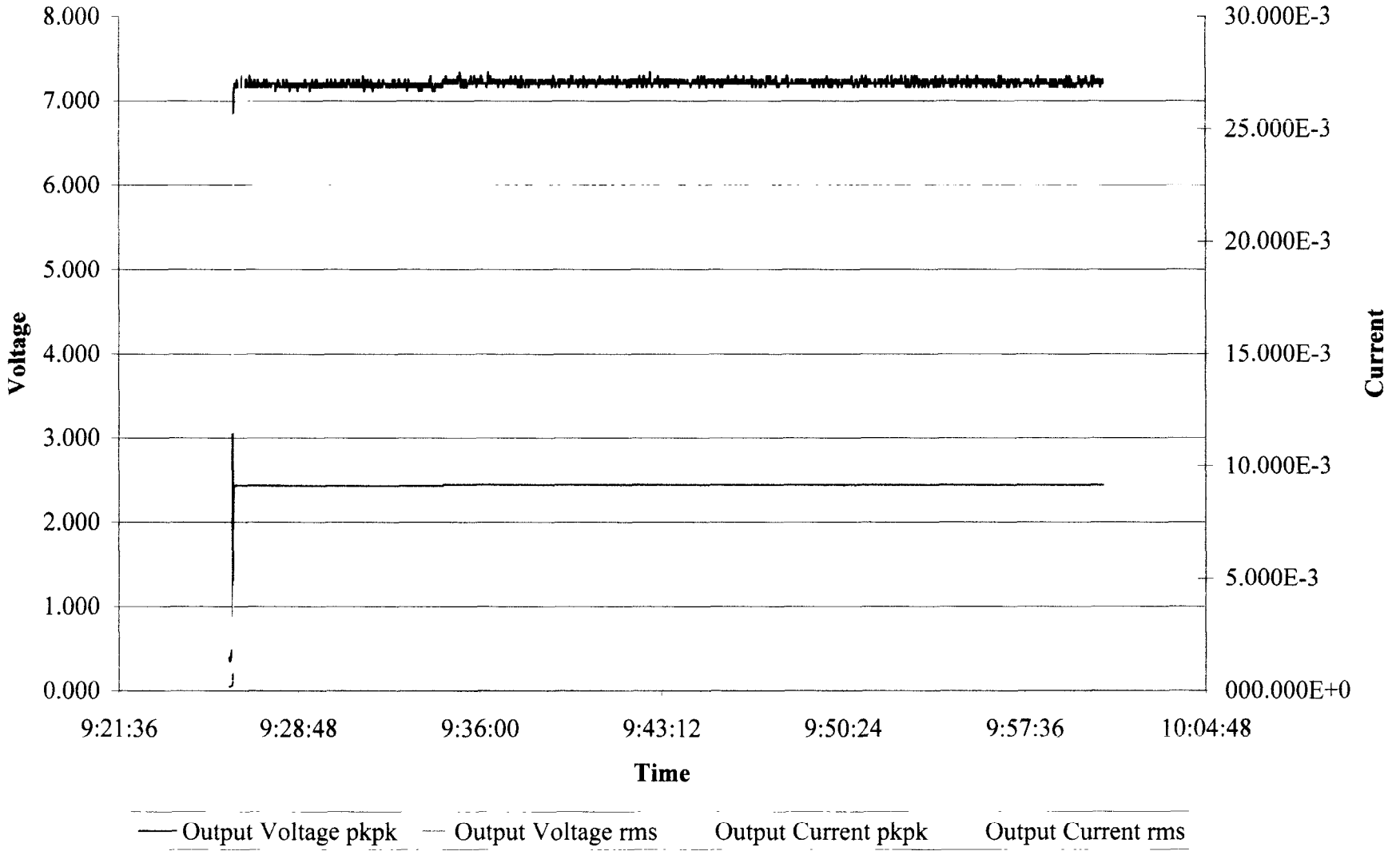
SP2009914 SECTION 7

0796

Output Voltage and Current Chart



Output Voltage and Current Chart



0798

Number of Measuremens (Max # 65534)	Time interval between Measurements in Seconds	Total time of Measurements
2100	1	#NAME?

Trigger Mode
Auto

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

Firmware Version
3.7.0.4 nsis (build 61612)

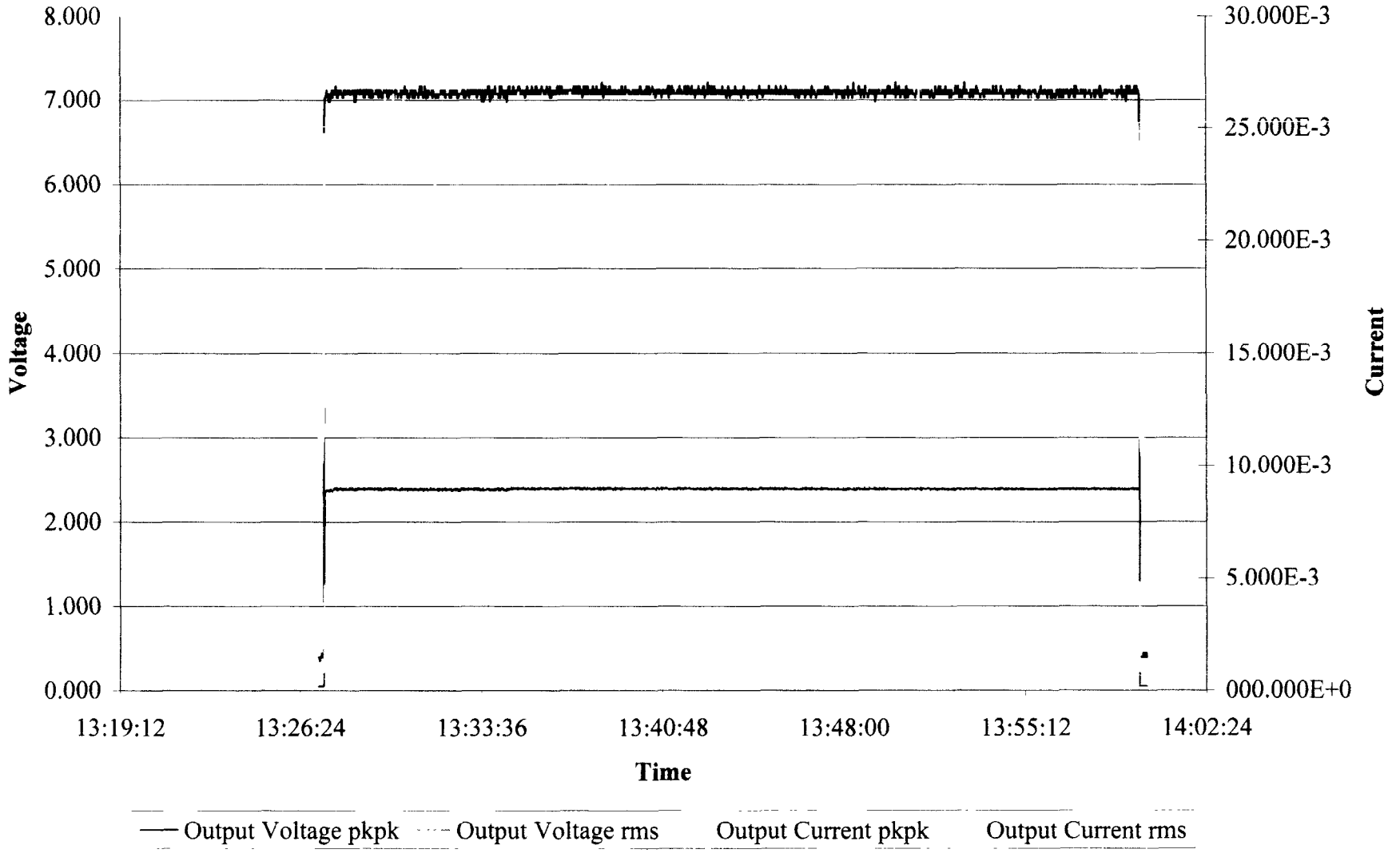
3

Single
Normal
Auto

SP2 015425 SECTION 7

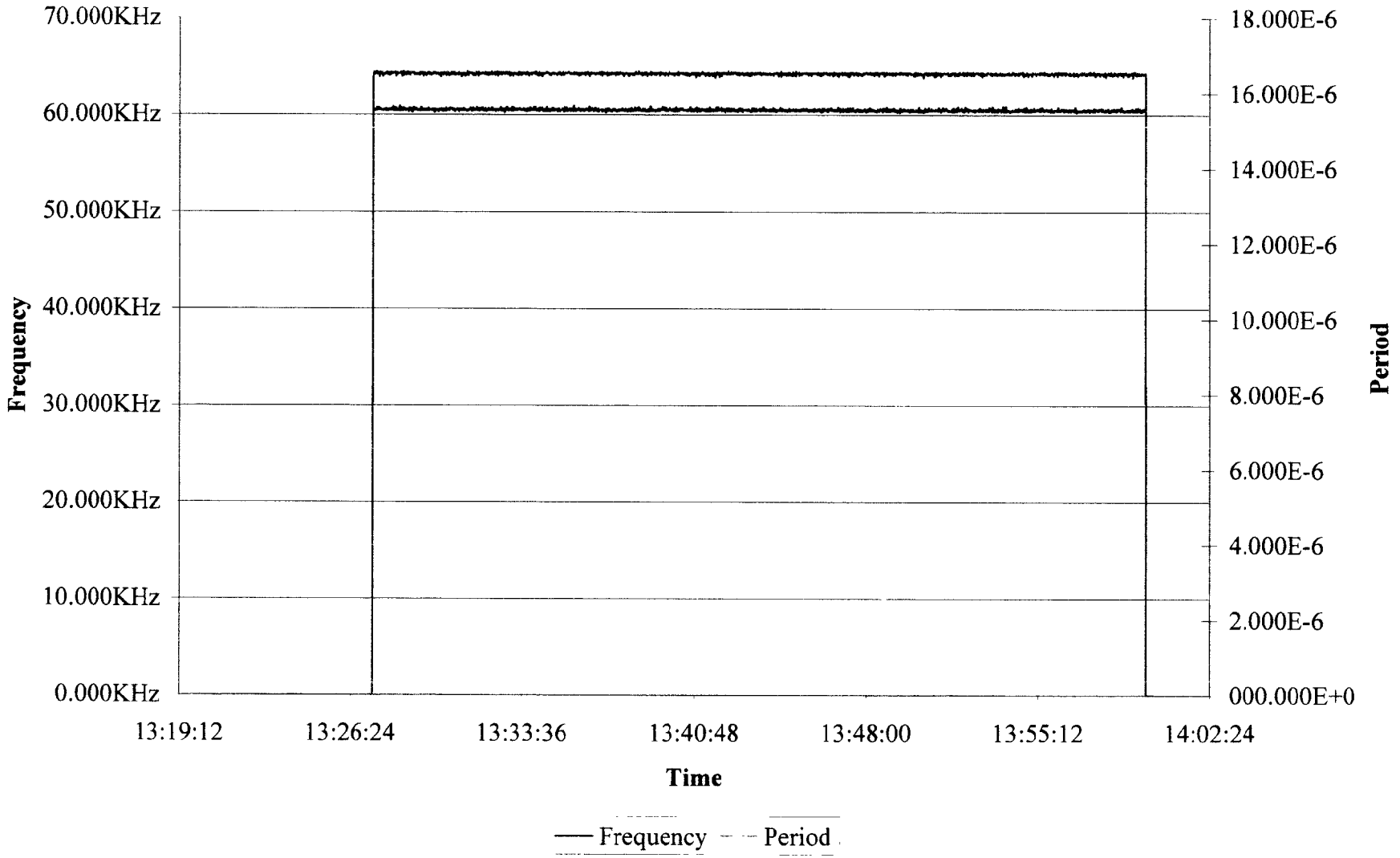
0799

Output Voltage and Current Chart



0080

Output Frequency Chart



Number of Measuremens (Max # 65534)	Time interval between Measurements in Seconds	Total time of Measurements
2100	1	

Trigger Mode

Lecroy Model #	Serial #	Version
WR6050	LCRY0602P13234	3.7.0

Firmware Version
3.7.0.4 nsis (build 61612)

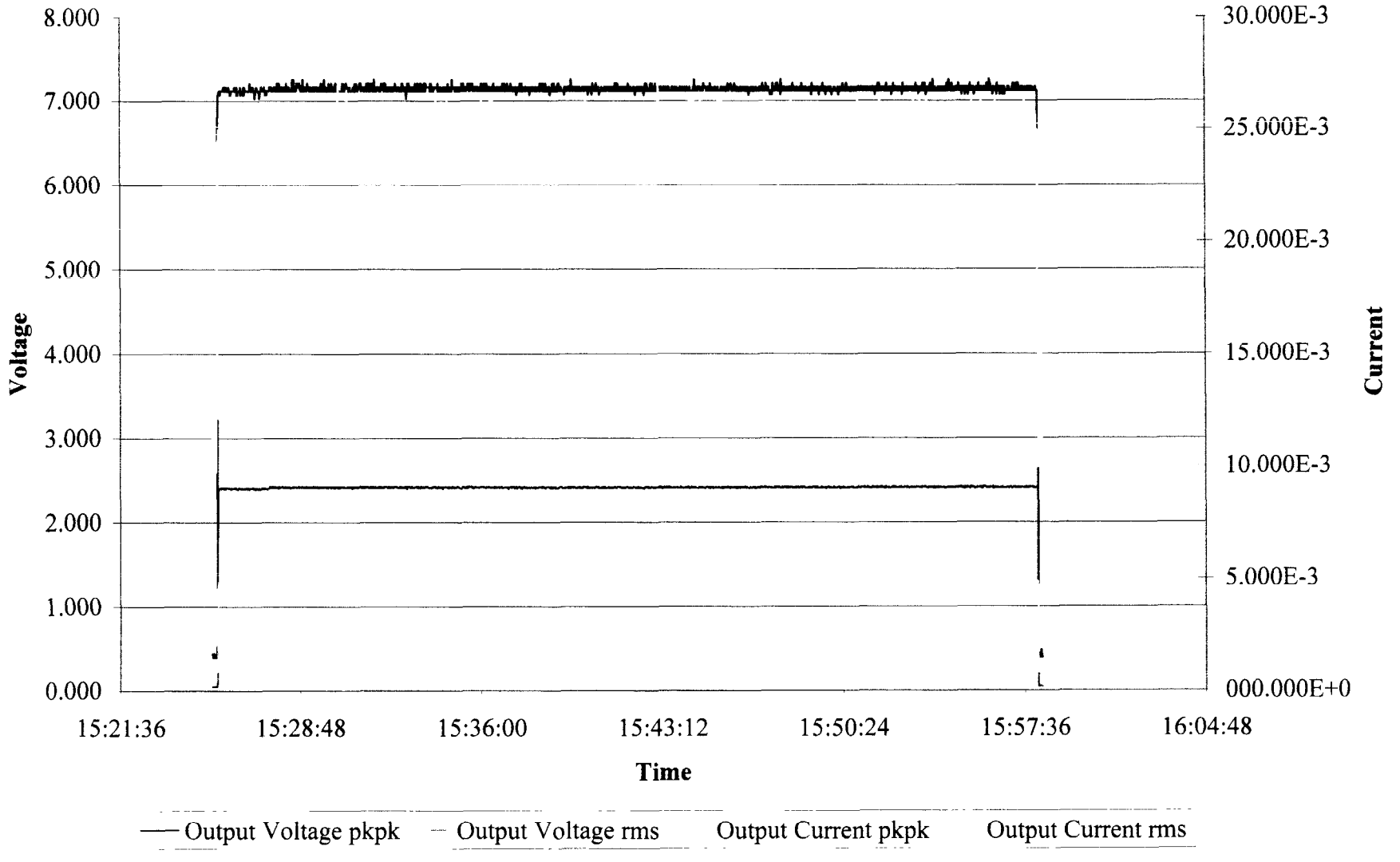
3

Single
Normal
Auto

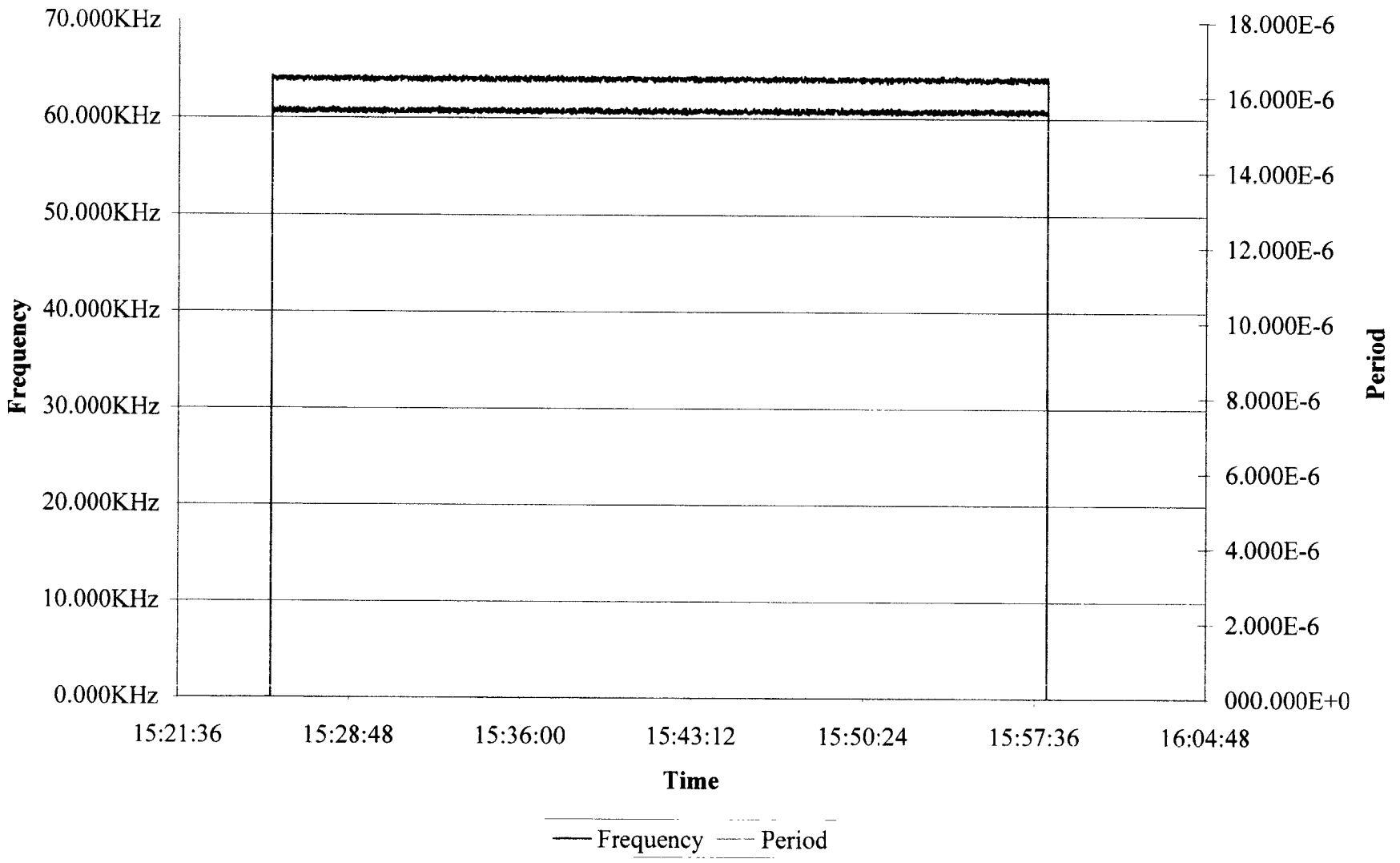
0802

SP2 019235 SECTION 7

Output Voltage and Current Chart



Output Frequency Chart



Date:

Device Serial#	Rseries	Audible Alarm Observations (Using AAMI Load at 500 ohms)						
		Ambient temp/humidity	Front temp	Back temp	Left temp	Right temp	Top temp	Bottom temp
SP1 S13787	500	24.7C/37%	26.6C	26.7C	26.2C	25.8C	26.4C	26.3C
SP1 A65120	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OP1 62021	500	22.1C/38%	24.1C	24.0C	23.7C	24.0C	23.9C	24.2C
SP2 019235	500	24.8C/35%	25.7C	26.4C	25.9C	26.2C	26.1C	26.0C
SP2 015625	500	24.6C/37%	25.3C	25.7C	25.6C	26.2C	25.8C	25.5C
SP2 005602	500	21.9C/38%	23.2C	23.6C	23.1C	23.6C	23.4C	23.4C
SP2 009914	500	23.7C/36%	24.9C	25.7C	25.4C	25.6C	25.6C	25.6C

TEST 7 DATASUMMARYCASETEMP