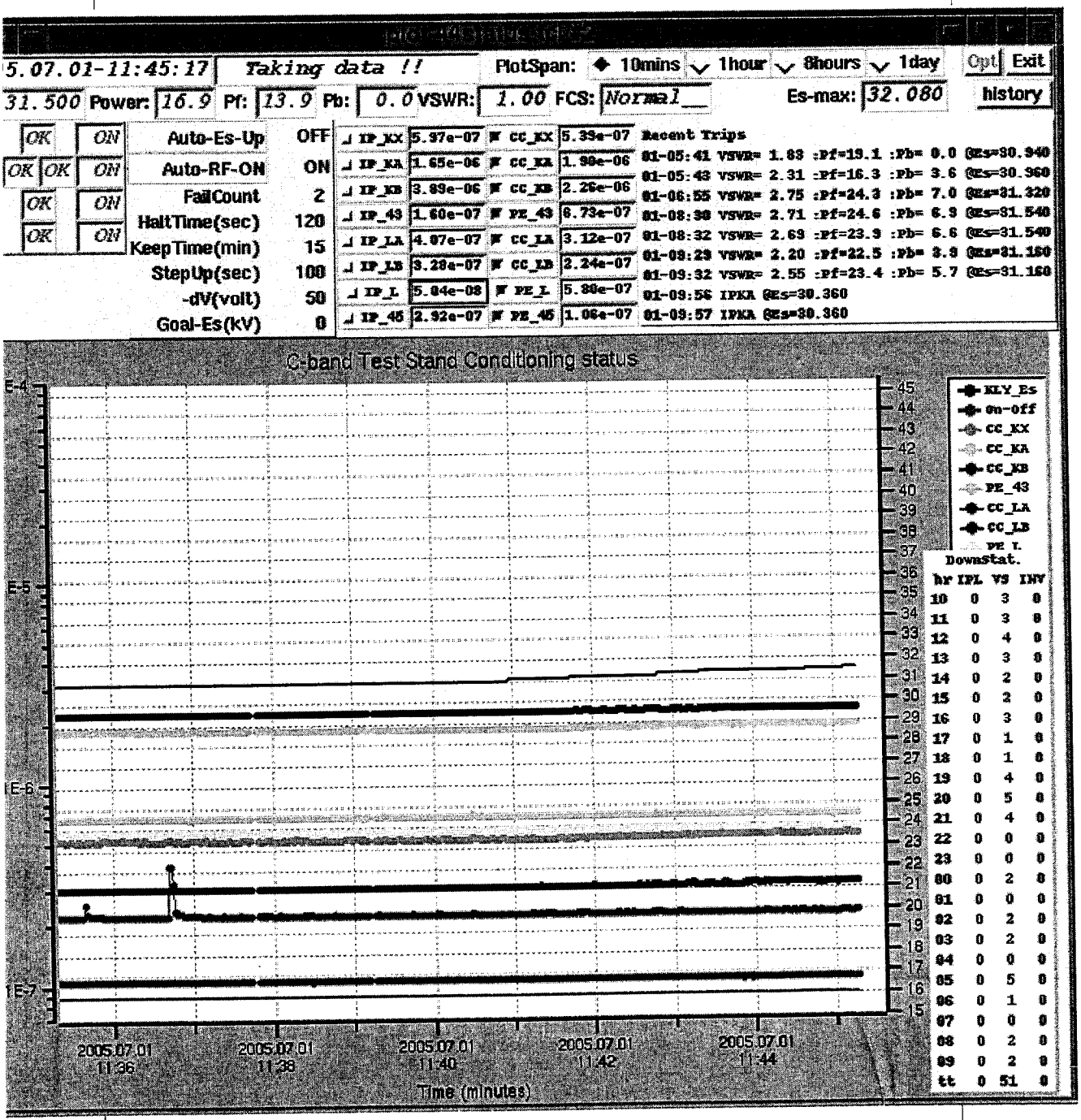
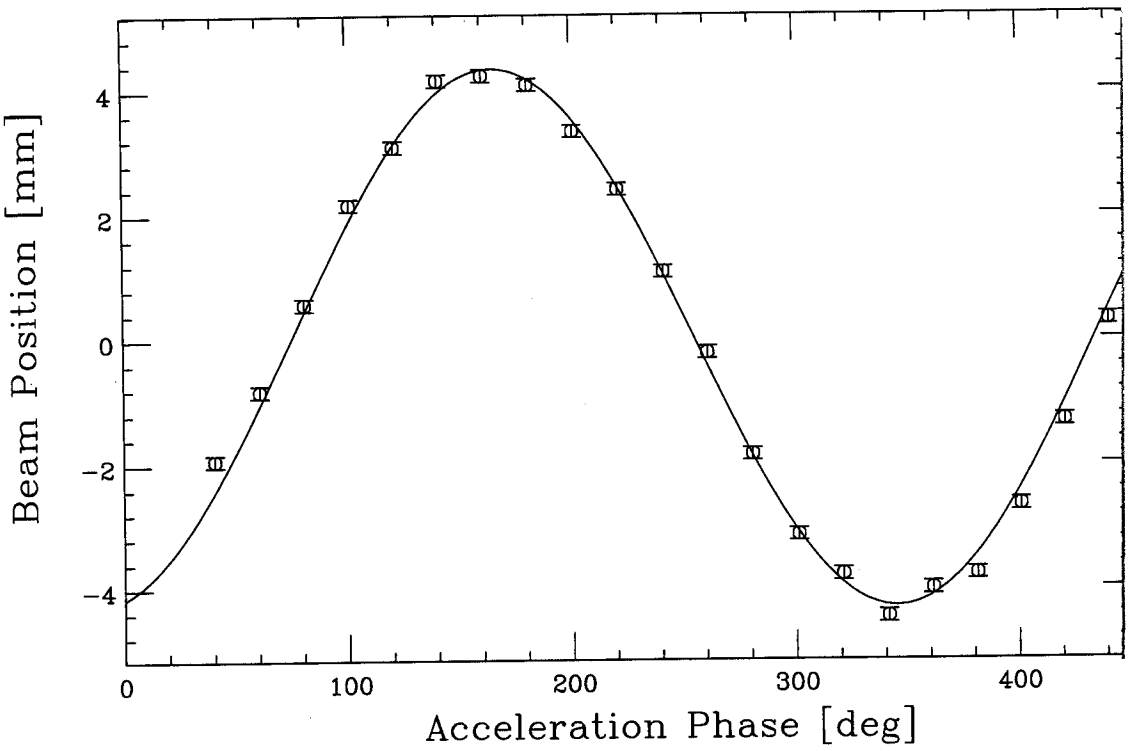

5.07.01-11:45:17
Taking data !!
PlotSpan: 10mins 1hour 8hours 1day
Opt
Exit
31.500 Power: 16.9 Pf: 13.9 Pb: 0.0 VSWR: 1.00 FCS: Normal
Es-max: 32.080
history
Auto-Es-Up OFF
Auto-RF-ON ON
FailCount 2
HaltTime(sec) 120
KeepTime(min) 15
StepUp(sec) 100
-dV(volt) 50
Goal-Es(kV) 0
IP_KX 5.97e-07 PE_KX 5.39e-07
IP_KA 1.65e-06 PE_KA 1.98e-06
IP_KB 3.89e-06 PE_KB 2.26e-06
IP_43 1.60e-07 PE_43 6.73e-07
IP_LA 4.97e-07 PE_LA 3.12e-07
IP_LB 3.28e-07 PE_LB 2.24e-07
IP_L 5.84e-08 PE_L 5.86e-07
IP_45 2.92e-07 PE_45 1.06e-07
Recent Trips
01-05:41 VSWR= 1.83 :Pf=19.1 :Pb= 0.0 @Es=30.940
01-05:43 VSWR= 2.31 :Pf=16.3 :Pb= 3.6 @Es=30.960
01-06:55 VSWR= 2.75 :Pf=24.3 :Pb= 7.0 @Es=31.320
01-08:30 VSWR= 2.71 :Pf=24.6 :Pb= 6.3 @Es=31.540
01-08:32 VSWR= 2.69 :Pf=23.9 :Pb= 6.6 @Es=31.540
01-09:29 VSWR= 2.20 :Pf=22.5 :Pb= 3.9 @Es=31.160
01-09:32 VSWR= 2.55 :Pf=23.4 :Pb= 5.7 @Es=31.160
01-09:56 IPKA @Es=30.360
01-09:57 IPKA @Es=30.360
C-band Test Stand Conditioning status
E-4
E-5
E-6
E-7
45
44
43
42
41
40
39
38
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
KLY_Es
On-off
CC_KX
CC_KA
CC_KB
PE_43
CC_LA
CC_LB
PE_L
Downstat.
hr IPL VS INV
10 0 3 0
11 0 3 0
12 0 4 0
13 0 3 0
14 0 2 0
15 0 2 0
16 0 3 0
17 0 1 0
18 0 1 0
19 0 4 0
20 0 5 0
21 0 4 0
22 0 0 0
23 0 0 0
00 0 2 0
01 0 0 0
02 0 2 0
03 0 2 0
04 0 0 0
05 0 5 0
06 0 1 0
07 0 0 0
08 0 2 0
09 0 2 0
tt 0 51 0
2005.07.01 11:36
2005.07.01 11:38
2005.07.01 11:40
2005.07.01 11:42
2005.07.01 11:44
Time (minutes)

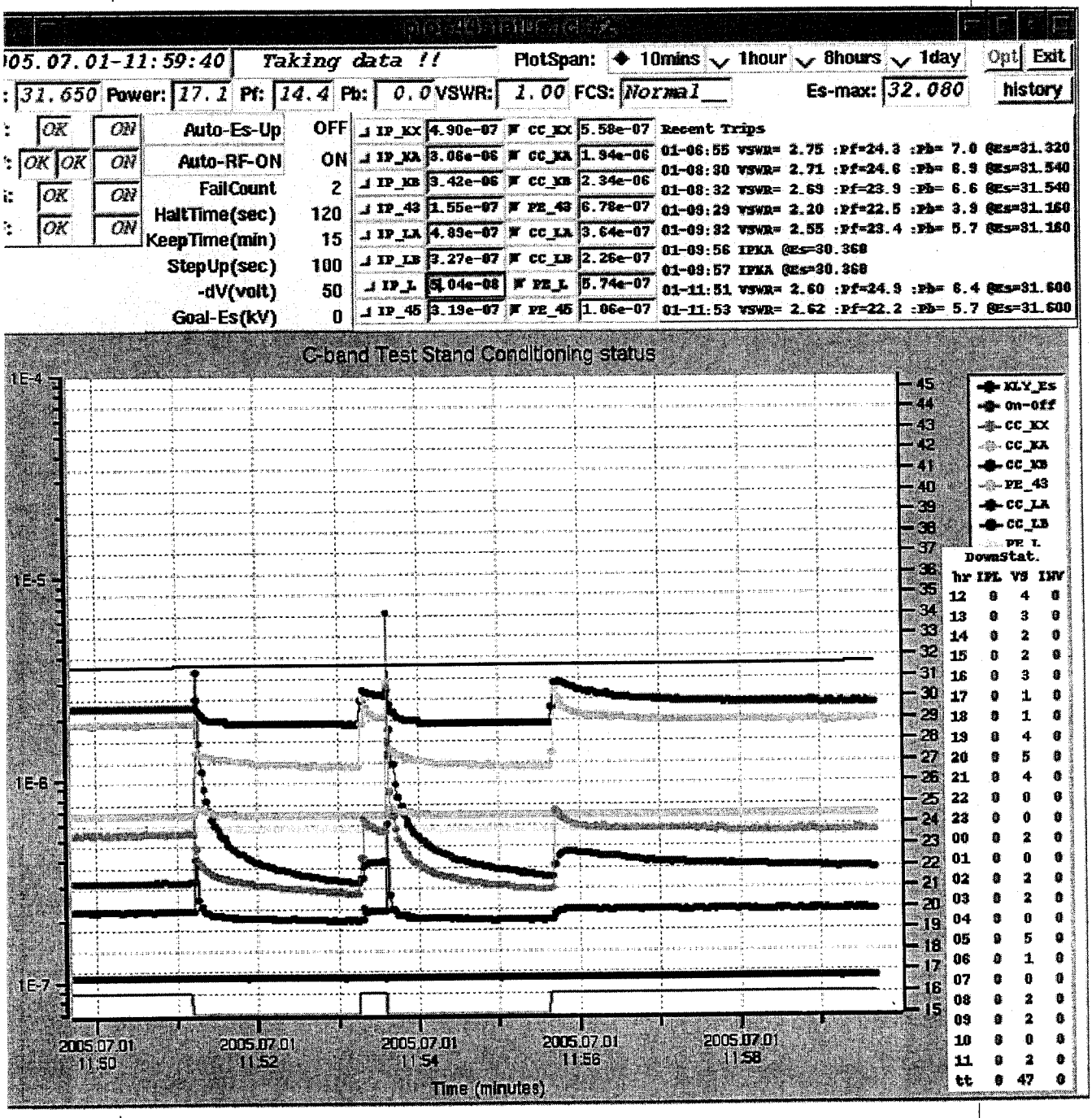
C-band accelerator module: $E_s = 31.50$ kV @ 11:45

Amplitude = 4.328
PhaseOffset= 1874.942
BaseLine = 0.025

Energy Gain = 42.228
Accel Field = 43.884



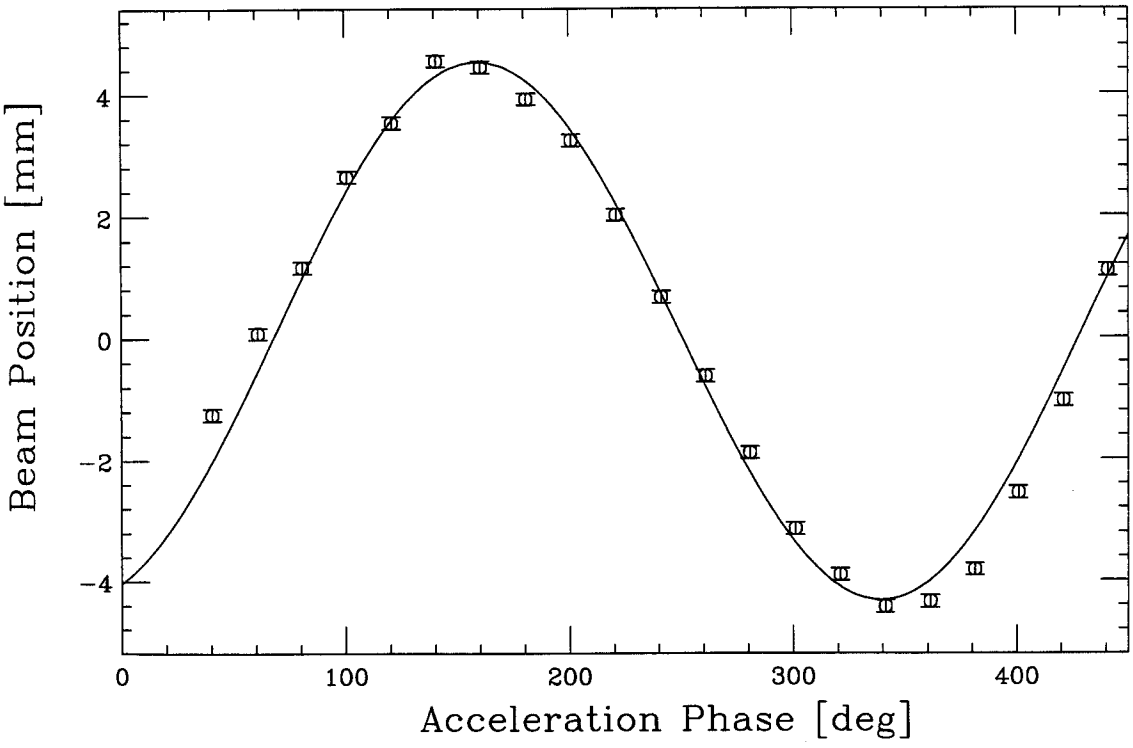
測定後 少し時間が経ってからスクリーンショットで撮ったので、Energy Gain 測定時の $E_s = 31.60$ MV より大きい時点での値となっている。

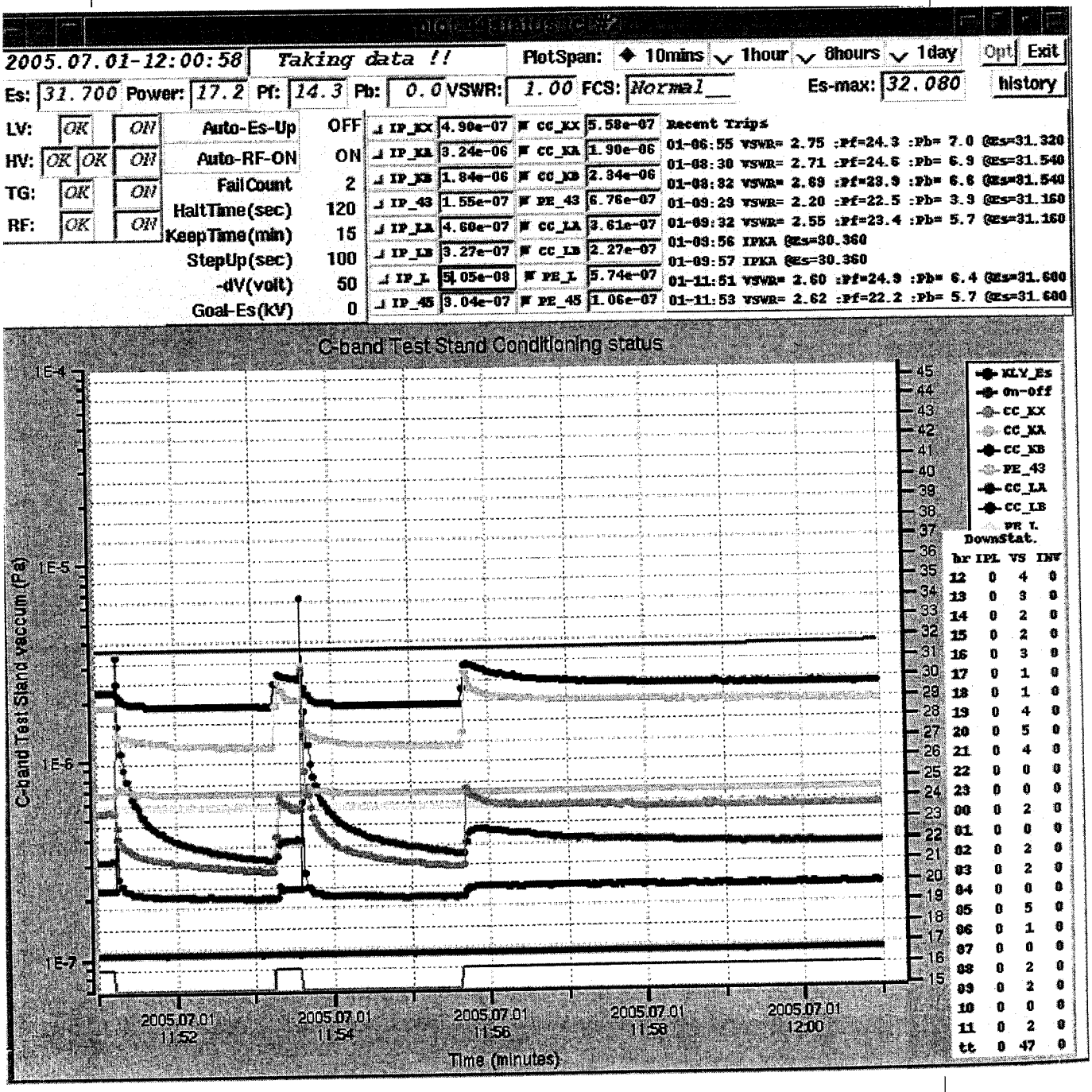


C-band accelerator module: E_s = 31.60 KV @ 11:56

Amplitude = 4.424
PhaseOffset= 429.258
BaseLine = 0.101

Energy Gain = 43.160
Accel Field = 44.854

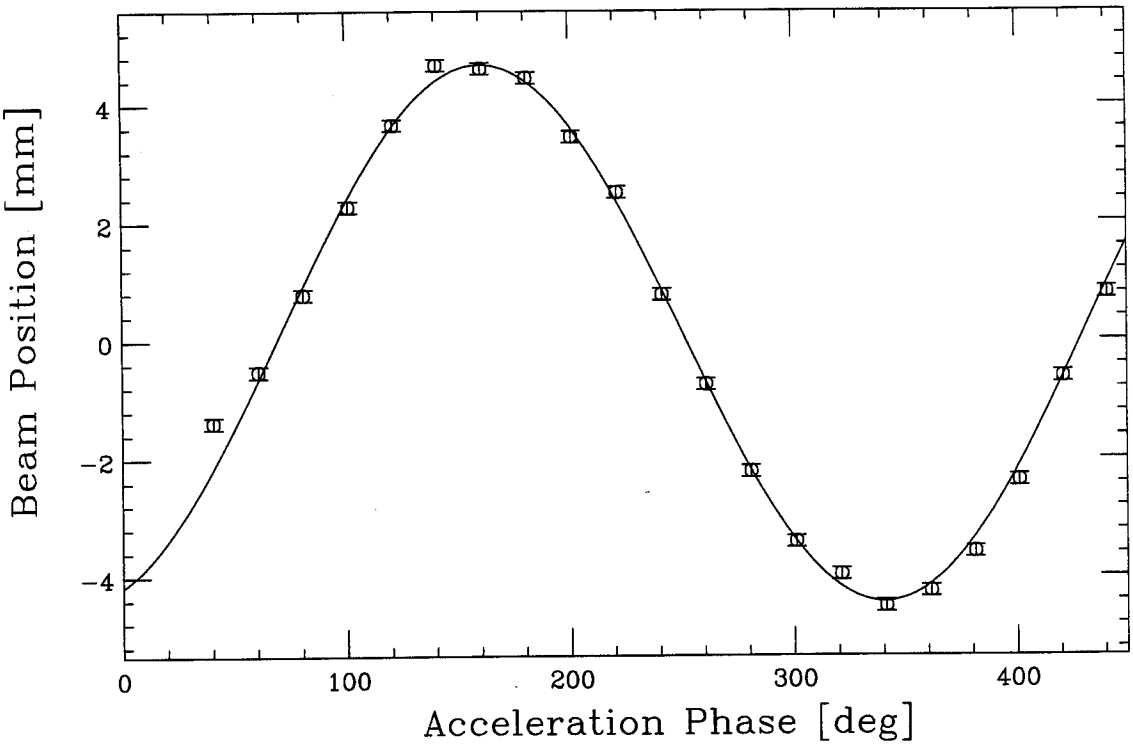


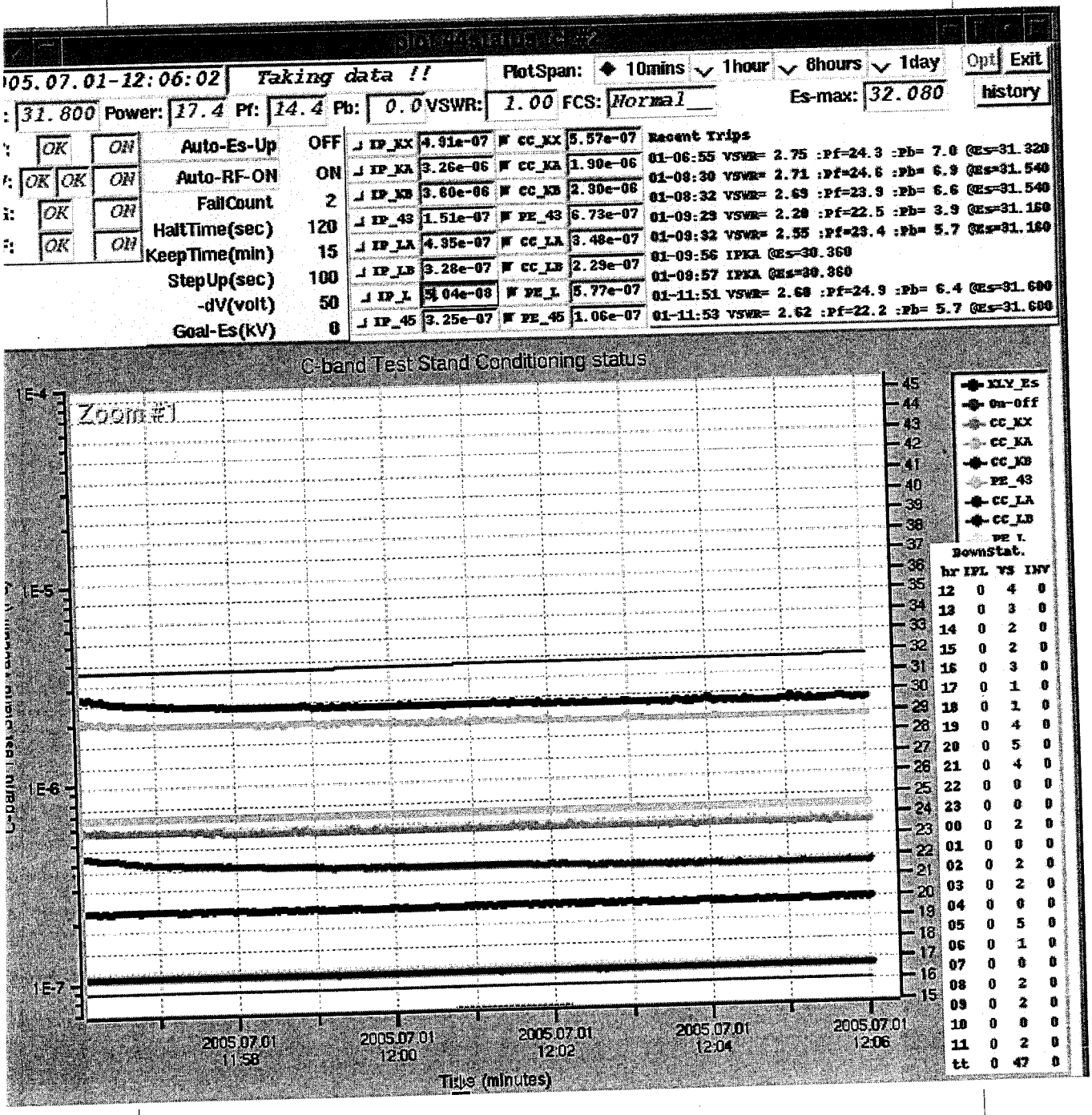

2005.07.01-12:00:58
Taking data !!
PlotSpan: 10mins 1hour 8hours 1day
Opt
Exit
Es: 31.700
Power: 17.2
Pf: 14.3
Pb: 0.0
VSWR: 1.00
FCS: Normal
Es-max: 32.080
history
LV: OK ON
HV: OK OK ON
TG: OK ON
RF: OK ON
Auto-Es-Up OFF
Auto-RF-ON ON
FailCount 2
HaltTime(sec) 120
KeepTime(min) 15
StepUp(sec) 100
-dV(volt) 50
Goal-Es(kV) 0
IP_KX 4.90e-07
CC_KX 5.58e-07
IP_KA 3.24e-06
CC_KA 1.90e-06
IP_KB 1.84e-06
CC_KB 2.34e-06
IP_43 1.55e-07
PE_43 6.76e-07
IP_LA 4.60e-07
CC_LA 3.61e-07
IP_LB 3.27e-07
CC_LB 2.27e-07
IP_L 5.05e-08
PE_L 5.74e-07
IP_45 3.04e-07
PE_45 1.06e-07
Recent Trips
01-06:55 VSWR= 2.75 :Pf=24.3 :Pb= 7.0 @Es=31.320
01-08:30 VSWR= 2.71 :Pf=24.6 :Pb= 6.9 @Es=31.540
01-08:32 VSWR= 2.69 :Pf=23.9 :Pb= 6.6 @Es=31.540
01-09:29 VSWR= 2.20 :Pf=22.5 :Pb= 3.9 @Es=31.160
01-09:32 VSWR= 2.55 :Pf=23.4 :Pb= 5.7 @Es=31.160
01-09:56 IPKA @Es=30.360
01-09:57 IPKA @Es=30.360
01-11:51 VSWR= 2.60 :Pf=24.9 :Pb= 6.4 @Es=31.600
01-11:53 VSWR= 2.62 :Pf=22.2 :Pb= 5.7 @Es=31.600
C-band Test Stand Conditioning status
C-band Test Stand vaccum (Pa)
1E-4
1E-5
1E-6
1E-7
2005.07.01 11:52
2005.07.01 11:54
2005.07.01 11:56
2005.07.01 11:58
2005.07.01 12:00
Time (minutes)
KLY_Es
On-Off
CC_KX
CC_KA
CC_KB
PE_43
CC_LA
CC_LB
PR t.
DownStat.
hr IPL VS INV
12 0 4 0
13 0 3 0
14 0 2 0
15 0 2 0
16 0 3 0
17 0 1 0
18 0 1 0
19 0 4 0
20 0 5 0
21 0 4 0
22 0 0 0
23 0 0 0
00 0 2 0
01 0 0 0
02 0 2 0
03 0 2 0
04 0 0 0
05 0 5 0
06 0 1 0
07 0 0 0
08 0 2 0
09 0 2 0
10 0 0 0
11 0 2 0
tt 0 47 0

C-band accelerator module: $E_s = 31.70$ MV @ 12:01

Amplitude = −4.562
PhaseOffset= 970.430
BaseLine = 0.123

Energy Gain = −44.503
Accel Field = −46.249

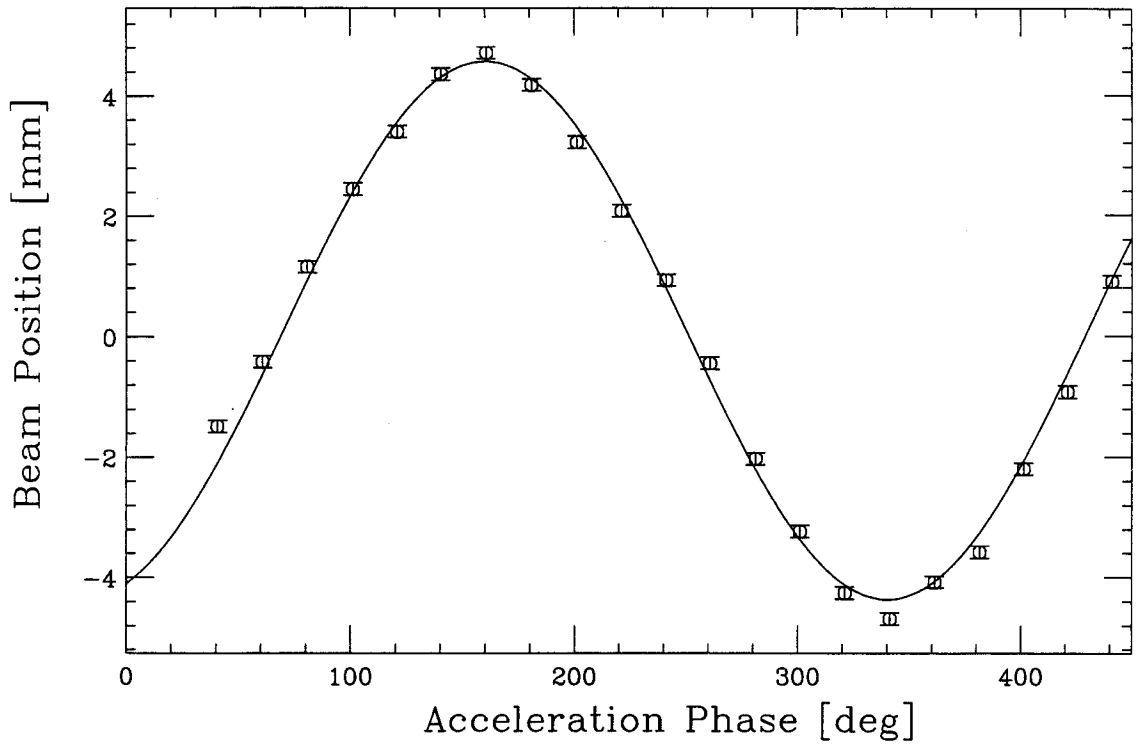


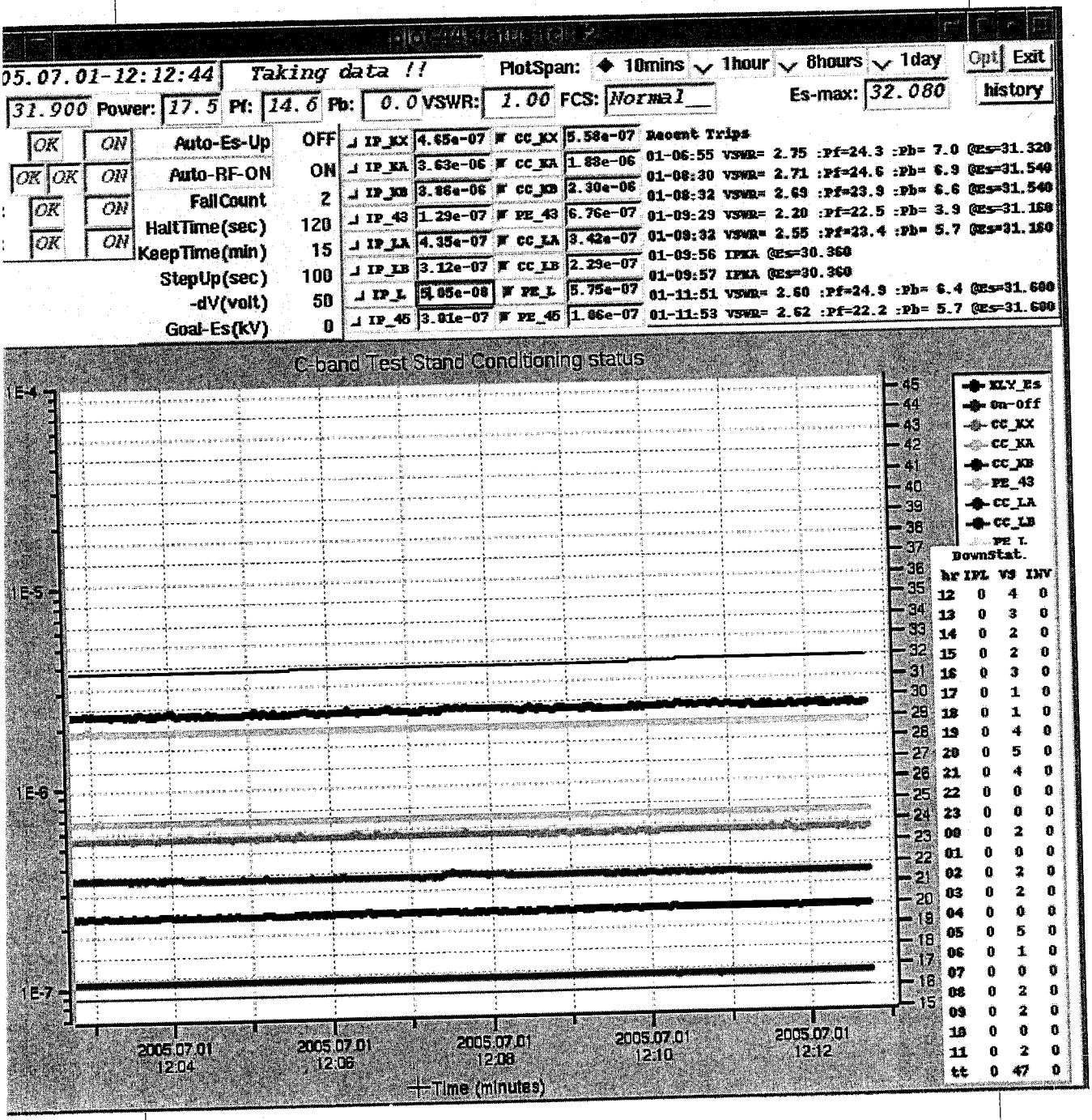

05.07.01-12:06:02
Taking data !!
PlotSpan: 10mins 1hour 6hours 1day
Opt
Exit
history
31.800
Power: 17.4
Pf: 14.4
Pb: 0.0
VSWR: 1.00
FCS: Normal
Es-max: 32.080
Auto-Es-Up OFF
Auto-RF-ON ON
FailCount 2
HaltTime(sec) 120
KeepTime(min) 15
StepUp(sec) 100
-dV(volt) 50
Goal-Es(kV) 0
IP_KX 4.91e-07
IP_KA 3.26e-06
IP_KB 3.60e-06
IP_43 1.51e-07
IP_LA 4.35e-07
IP_LB 3.28e-07
IP_L 5.04e-08
IP_45 3.25e-07
cc_KX 5.57e-07
cc_KA 1.90e-06
cc_KB 2.30e-06
PE_43 6.73e-07
cc_LA 3.48e-07
cc_LB 2.29e-07
PE_L 5.77e-07
PE_45 1.06e-07
Recent Trips
01-06:55 VSWR= 2.75 :Pf=24.3 :Pb= 7.0 @Es=31.320
01-08:30 VSWR= 2.71 :Pf=24.6 :Pb= 6.9 @Es=31.540
01-08:32 VSWR= 2.69 :Pf=23.9 :Pb= 6.6 @Es=31.540
01-09:29 VSWR= 2.20 :Pf=22.5 :Pb= 3.9 @Es=31.160
01-09:32 VSWR= 2.55 :Pf=23.4 :Pb= 5.7 @Es=31.160
01-09:56 IPKA @Es=30.360
01-09:57 IPKA @Es=30.360
01-11:51 VSWR= 2.68 :Pf=24.9 :Pb= 6.4 @Es=31.600
01-11:53 VSWR= 2.62 :Pf=22.2 :Pb= 5.7 @Es=31.600
C-band Test Stand Conditioning status
Zoom#1
1E-4
1E-5
1E-6
1E-7
2005.07.01 11:58
2005.07.01 12:00
2005.07.01 12:02
2005.07.01 12:04
2005.07.01 12:06
Time (minutes)
XLY_Es
On-Off
cc_KX
cc_KA
cc_KB
PE_43
cc_LA
cc_LB
PE_L
Downstat.
hr IPL VS INV
12 0 4 0
13 0 3 0
14 0 2 0
15 0 2 0
16 0 3 0
17 0 1 0
18 0 1 0
19 0 4 0
20 0 5 0
21 0 4 0
22 0 0 0
23 0 0 0
00 0 2 0
01 0 0 0
02 0 2 0
03 0 2 0
04 0 0 0
05 0 5 0
06 0 1 0
07 0 0 0
08 0 2 0
09 0 2 0
10 0 0 0
11 0 2 0
tt 0 47 0

C−band accelerator module: $E_s = 31.80$ kV @ 12:05

Amplitude = −4.469
PhaseOffset= 970.147
BaseLine = 0.101

Energy Gain = −43.600
Accel Field = −45.311




05.07.01-12:12:44
Taking data !!
PlotSpan: 10mins 1hour 8hours 1day
Opt
Exit
31.900
Power: 17.5
Pf: 14.6
Pb: 0.0
VSWR: 1.00
FCS: Normal
Es-max: 32.080
history
Auto-Es-Up OFF
Auto-RF-ON ON
FailCount 2
HaltTime(sec) 120
KeepTime(min) 15
StepUp(sec) 100
-dV(volt) 50
Goal-Es(kV) 0
IP_KX 4.65e-07
CC_KX 5.58e-07
IP_KA 3.63e-06
CC_KA 1.88e-06
IP_KB 3.86e-06
CC_KB 2.30e-06
IP_43 1.29e-07
PE_43 6.76e-07
IP_LA 4.35e-07
CC_LA 3.42e-07
IP_LB 3.12e-07
CC_LB 2.29e-07
IP_L 5.05e-08
PE_L 5.75e-07
IP_45 3.81e-07
PE_45 1.86e-07
Recent Trips
01-06:55 VSWR= 2.75 :Pf=24.3 :Pb= 7.0 @Es=31.320
01-08:30 VSWR= 2.71 :Pf=24.6 :Pb= 6.9 @Es=31.540
01-08:32 VSWR= 2.69 :Pf=23.9 :Pb= 6.6 @Es=31.540
01-09:29 VSWR= 2.20 :Pf=22.5 :Pb= 3.9 @Es=31.160
01-09:32 VSWR= 2.55 :Pf=23.4 :Pb= 5.7 @Es=31.160
01-09:56 IPKA @Es=30.360
01-09:57 IPKA @Es=30.360
01-11:51 VSWR= 2.60 :Pf=24.9 :Pb= 6.4 @Es=31.600
01-11:53 VSWR= 2.62 :Pf=22.2 :Pb= 5.7 @Es=31.600
C-band Test Stand Conditioning status
1E-4
1E-5
1E-6
1E-7
45
44
43
42
41
40
39
38
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
KLY_Es
On-Off
CC_KX
CC_KA
CC_KB
PE_43
CC_LA
CC_LB
PE_L
DownStat.
hr IPL VS INV
12 0 4 0
13 0 3 0
14 0 2 0
15 0 2 0
16 0 3 0
17 0 1 0
18 0 1 0
19 0 4 0
20 0 5 0
21 0 4 0
22 0 0 0
23 0 0 0
00 0 2 0
01 0 0 0
02 0 2 0
03 0 2 0
04 0 0 0
05 0 5 0
06 0 1 0
07 0 0 0
08 0 2 0
09 0 2 0
10 0 0 0
11 0 2 0
tt 0 47 0
2005.07.01 12:04
2005.07.01 12:06
2005.07.01 12:08
2005.07.01 12:10
2005.07.01 12:12
Time (minutes)

C-band accelerator module: $E_s = 31.90$ kJ @ 12:10

Amplitude = −4.551
PhaseOffset= 608.593
BaseLine = 0.090

Energy Gain = −44.403
Accel Field = −46.145