



SETTING-UP PROTONS

HRS

2007

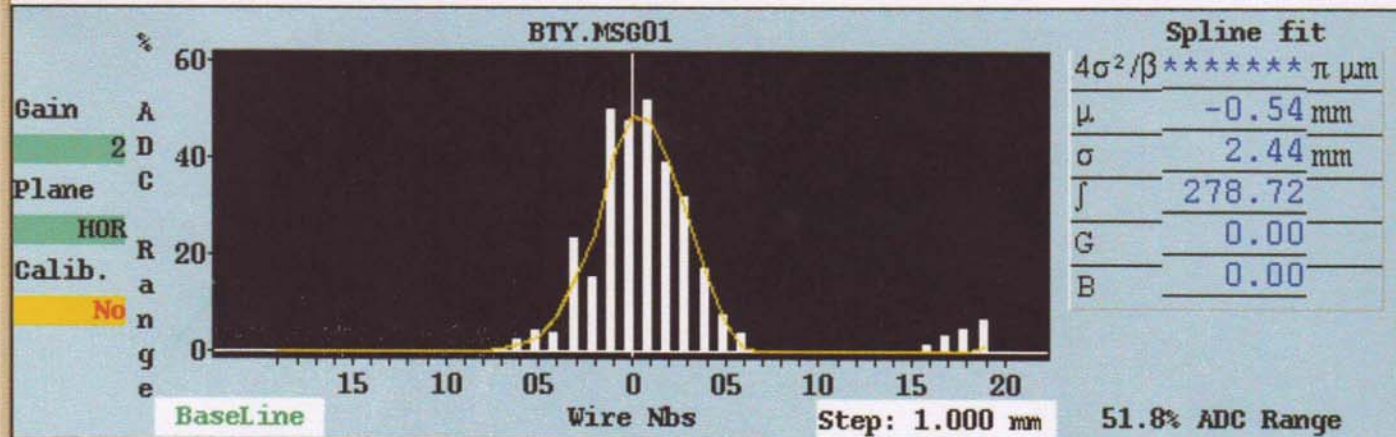
October 07

End Line:	ISOLDE HRS
Intensity:	3.0 ^{E13} ppp (high)
Focus:	Standard Focus
Plane:	HRS Horizontal

Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 -5.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:49:36 2007
 BTY.TRA325 2940.0E10 BEX.IAQN-INST 10 -
 $\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



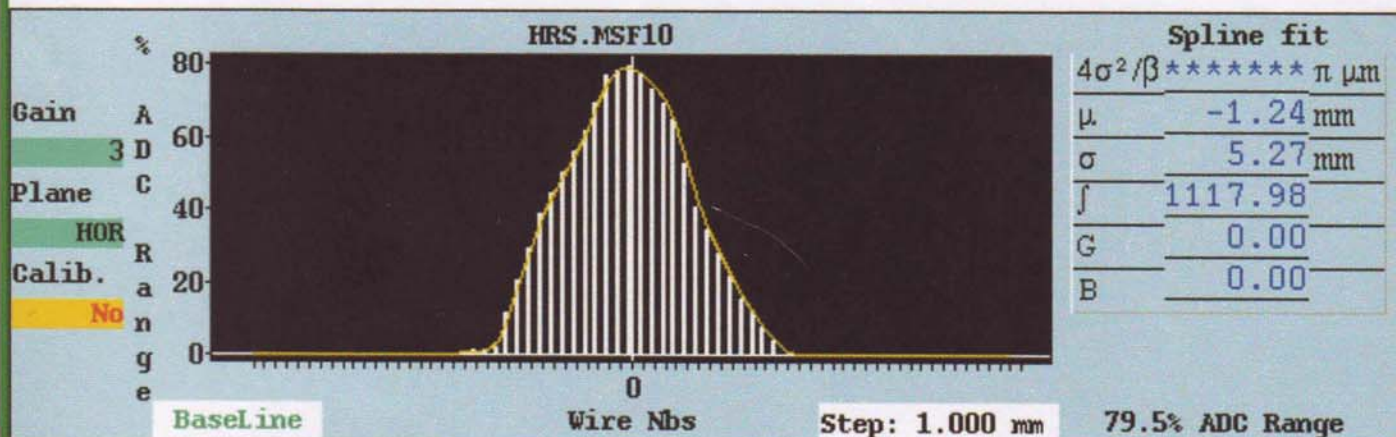
Single Shot Unfreeze Run Math

Programme in pause !!!

Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 2940.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:49:41 2007
 BEX.IAQN-INST 10 -
 $\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

End Line: ISOLDE HRS
Intensity: 3.0×10^{13} ppp (high)
Focus: Standard Focus
Plane: HRS Vertical

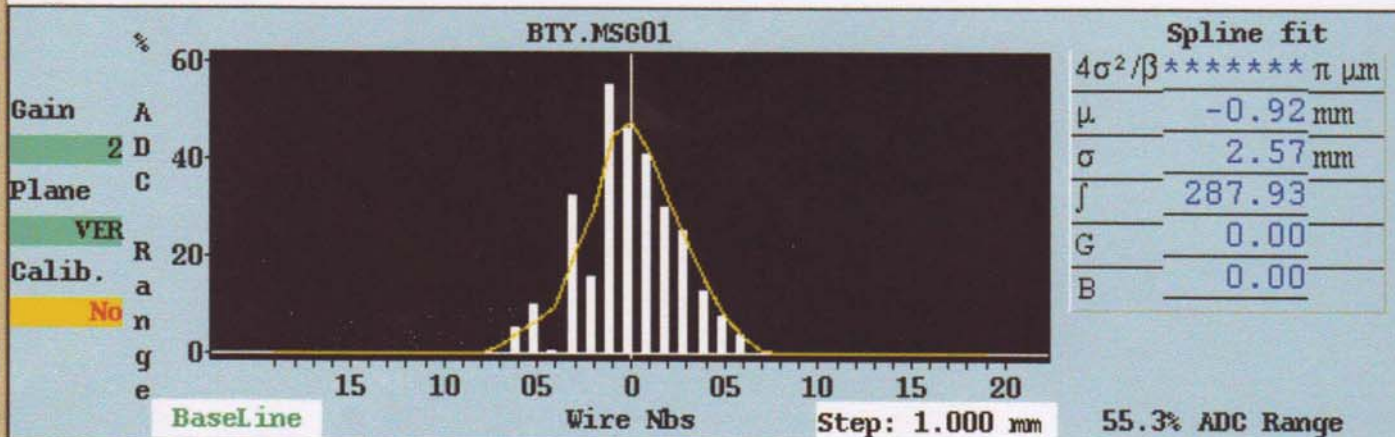
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 0.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:50:34 2007

BTY.TRA325 2982.5E10 BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

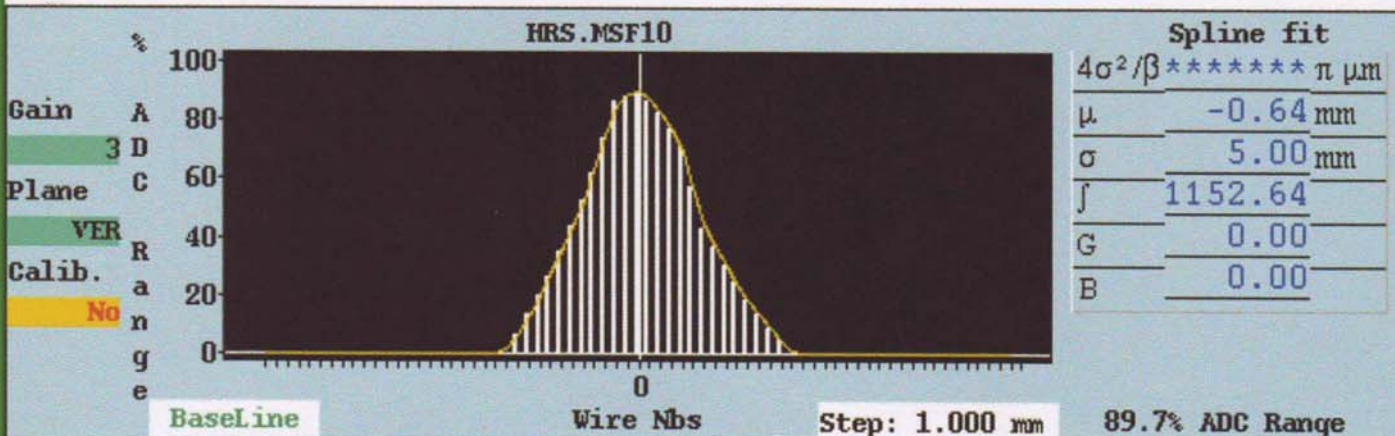
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 2982.5E10 BTYX.SMSG-INST 1100 - Apr 17 17:50:33 2007

BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	3.0×10^{13} ppp (high)
Focus:	Waist of beam on Target
Plane:	HRS Horizontal

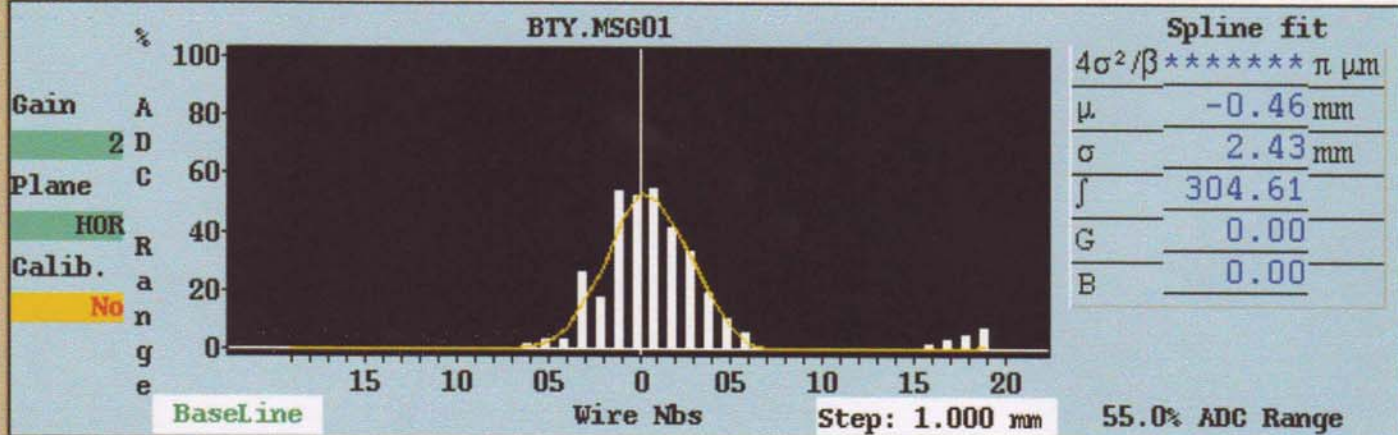
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 -2.5E10 BTYX.SMSG-INST 1100 - Apr 17 17:51:54 2007

BTY.TRA325 2982.5E10 BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

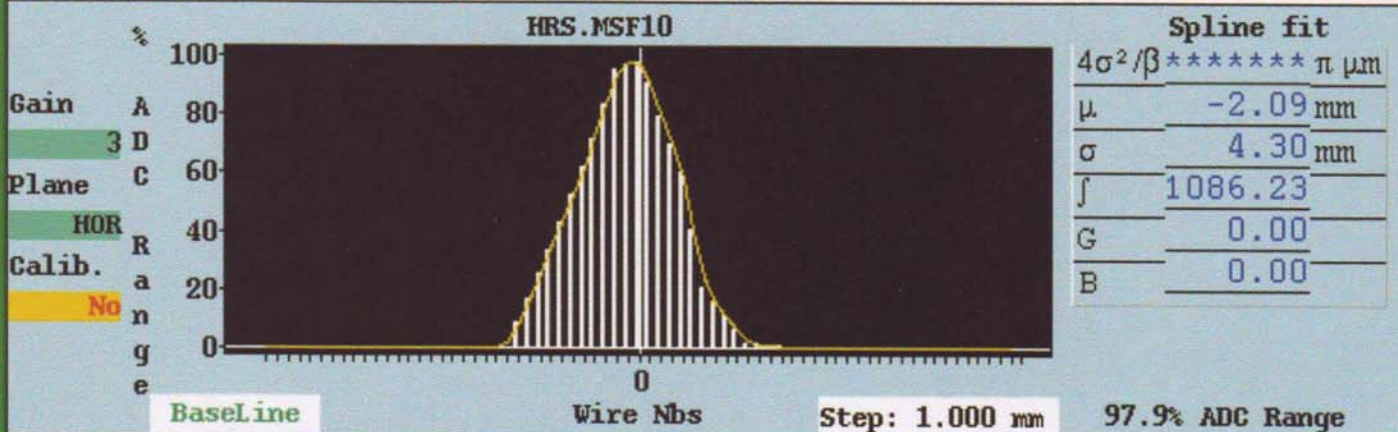
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 2982.5E10 BTYX.SMSG-INST 1100 - Apr 17 17:51:54 2007

BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	3.0×10^{13} ppp (high)
Focus:	Waist of beam on Target
Plane:	HRS Vertical

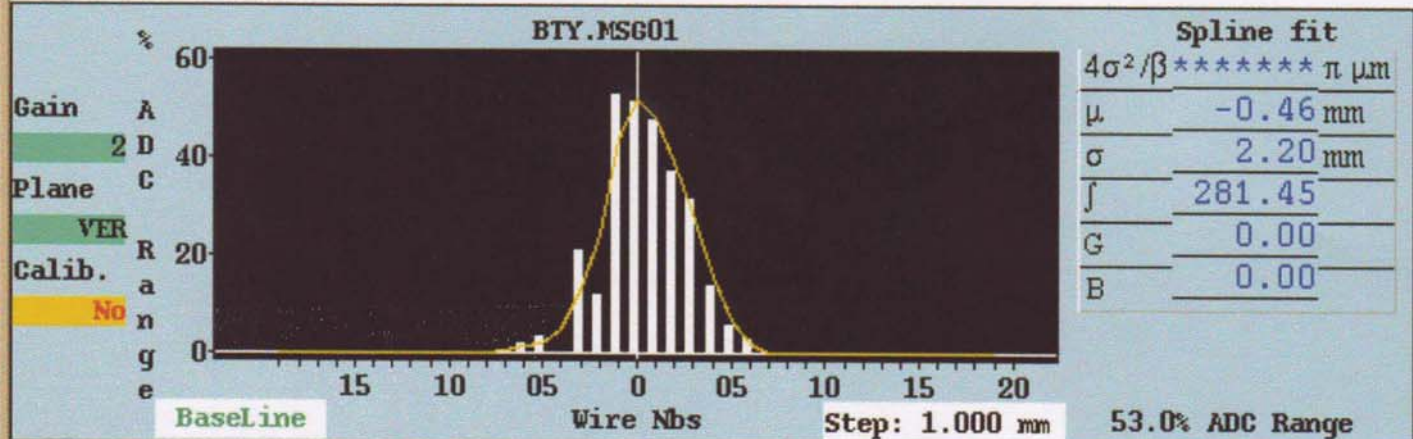
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 -5.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:51:25 2007

BTY.TRA325 2942.5E10 BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

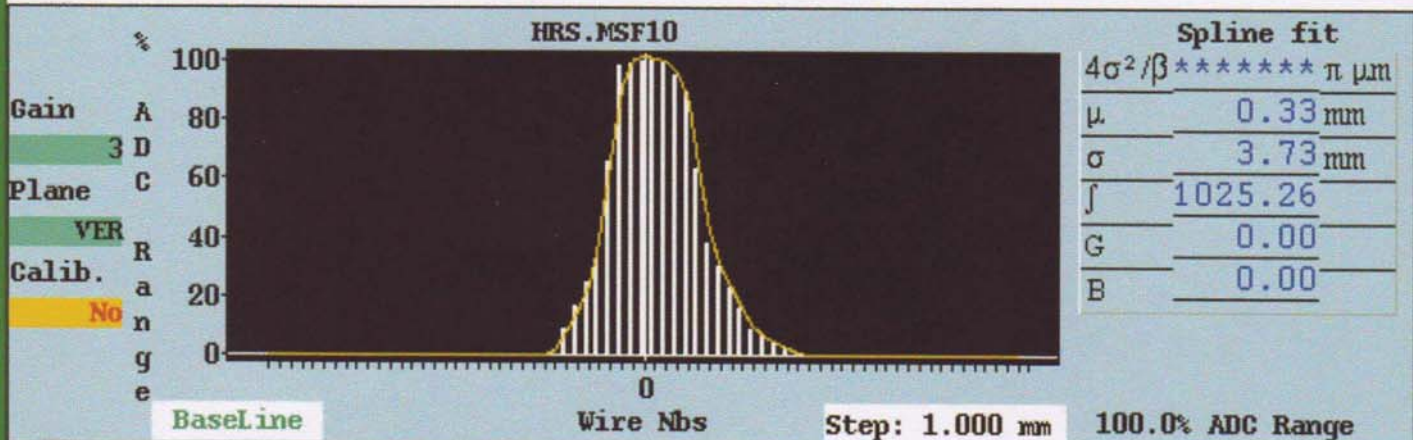
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 2942.5E10 BTYX.SMSG-INST 1100 - Apr 17 17:51:25 2007

BEX.IAQN-INST 10 -

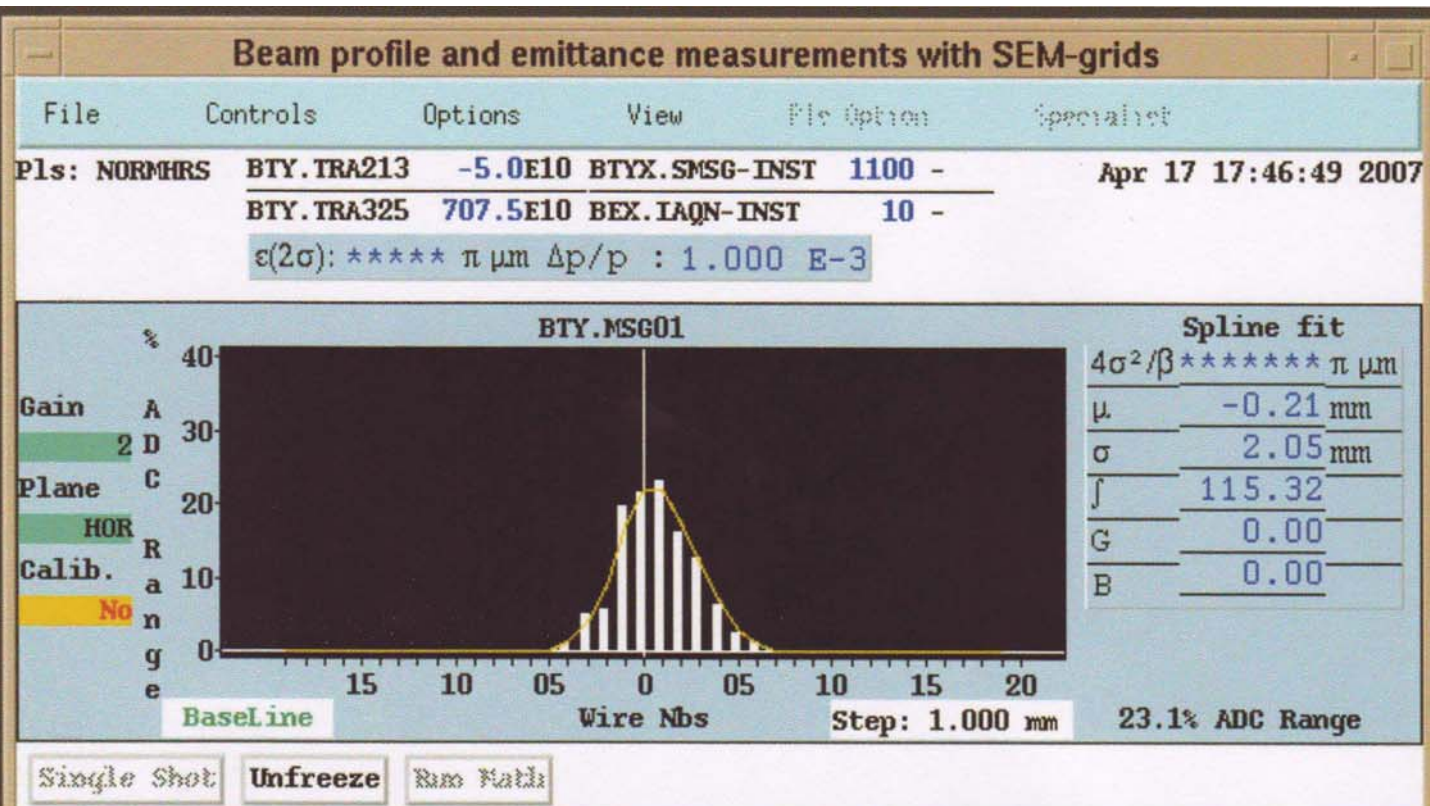
$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



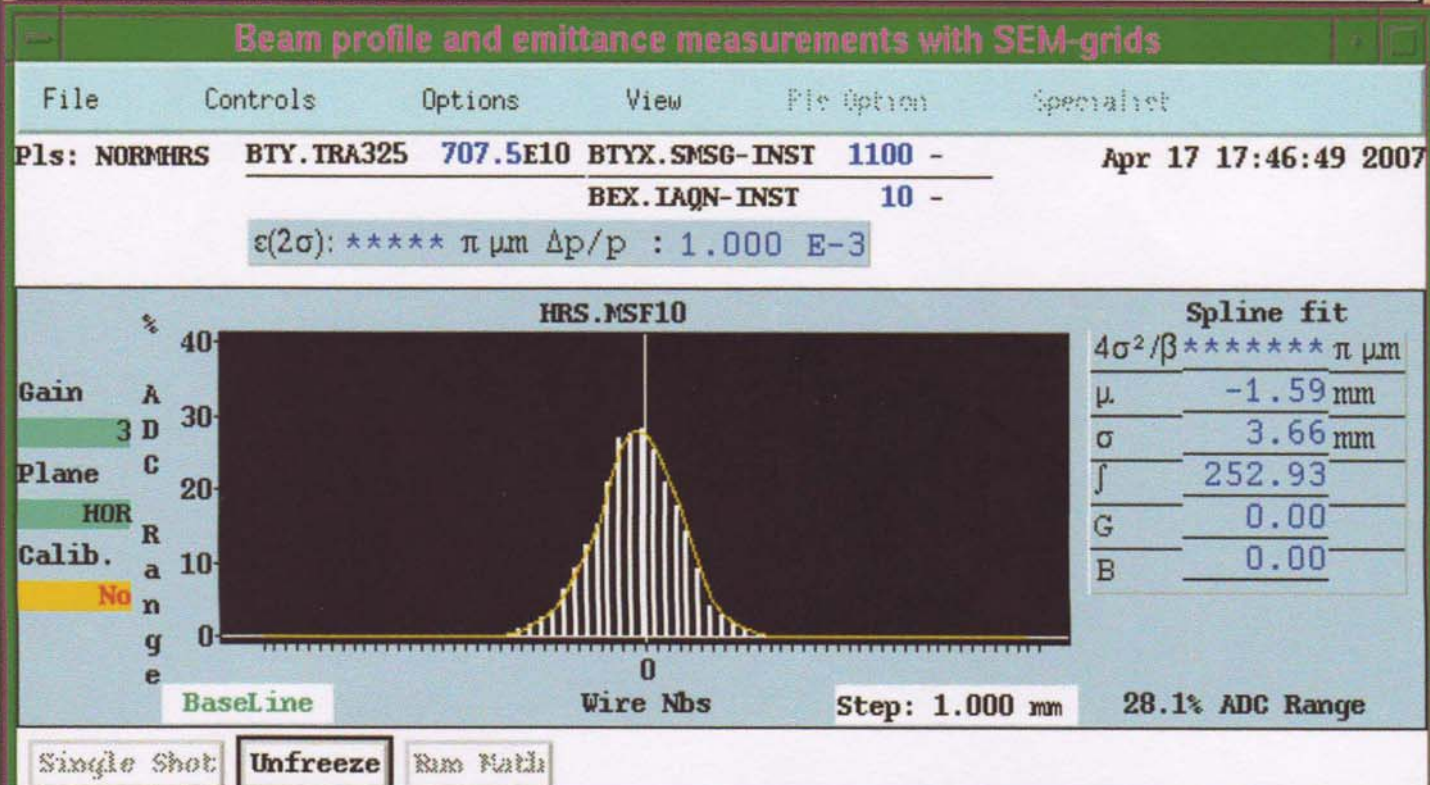
Single Shot Unfreeze Run Math

Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	7.0 ^{E12} ppp (medium)
Focus:	Standard Focus
Plane:	HRS Horizontal

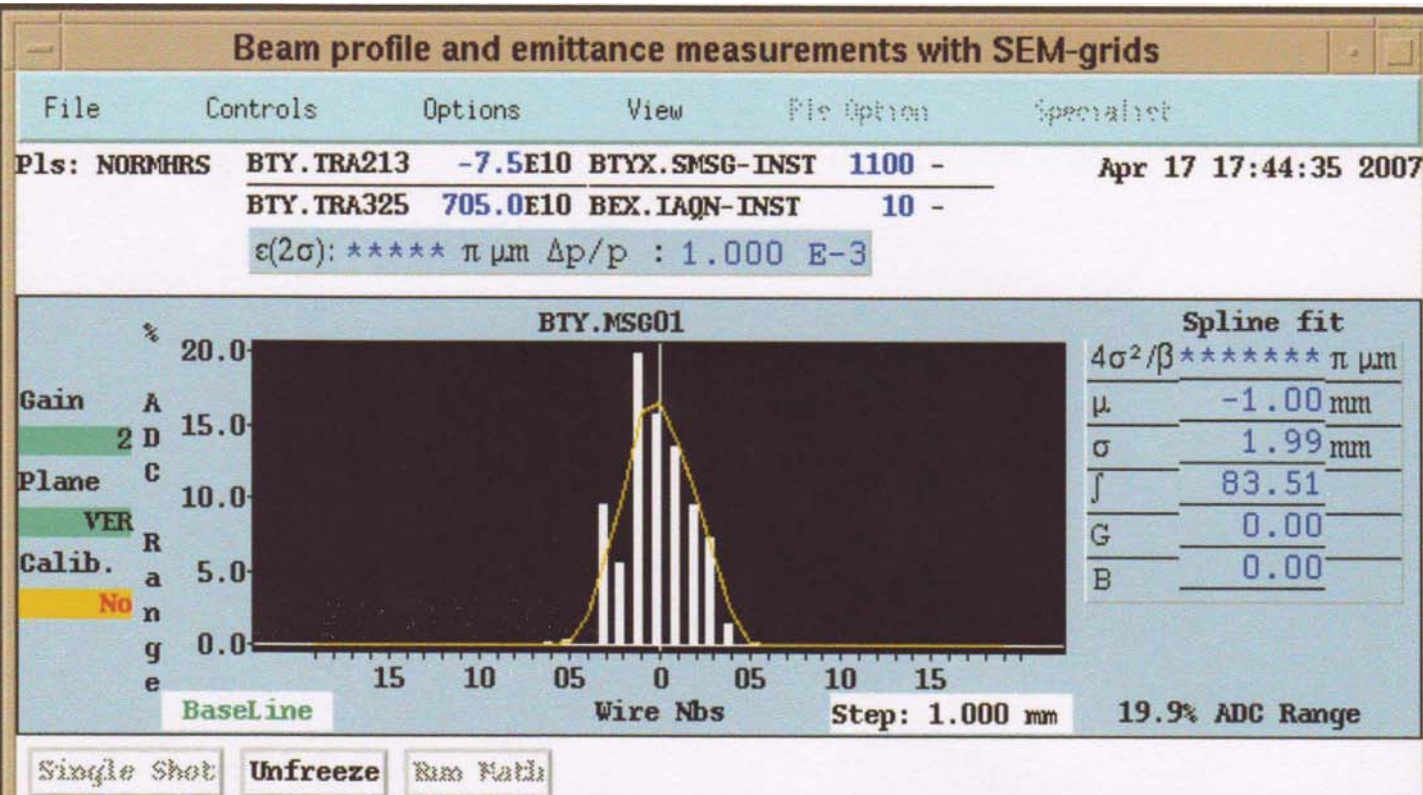


Programme in pause !!!

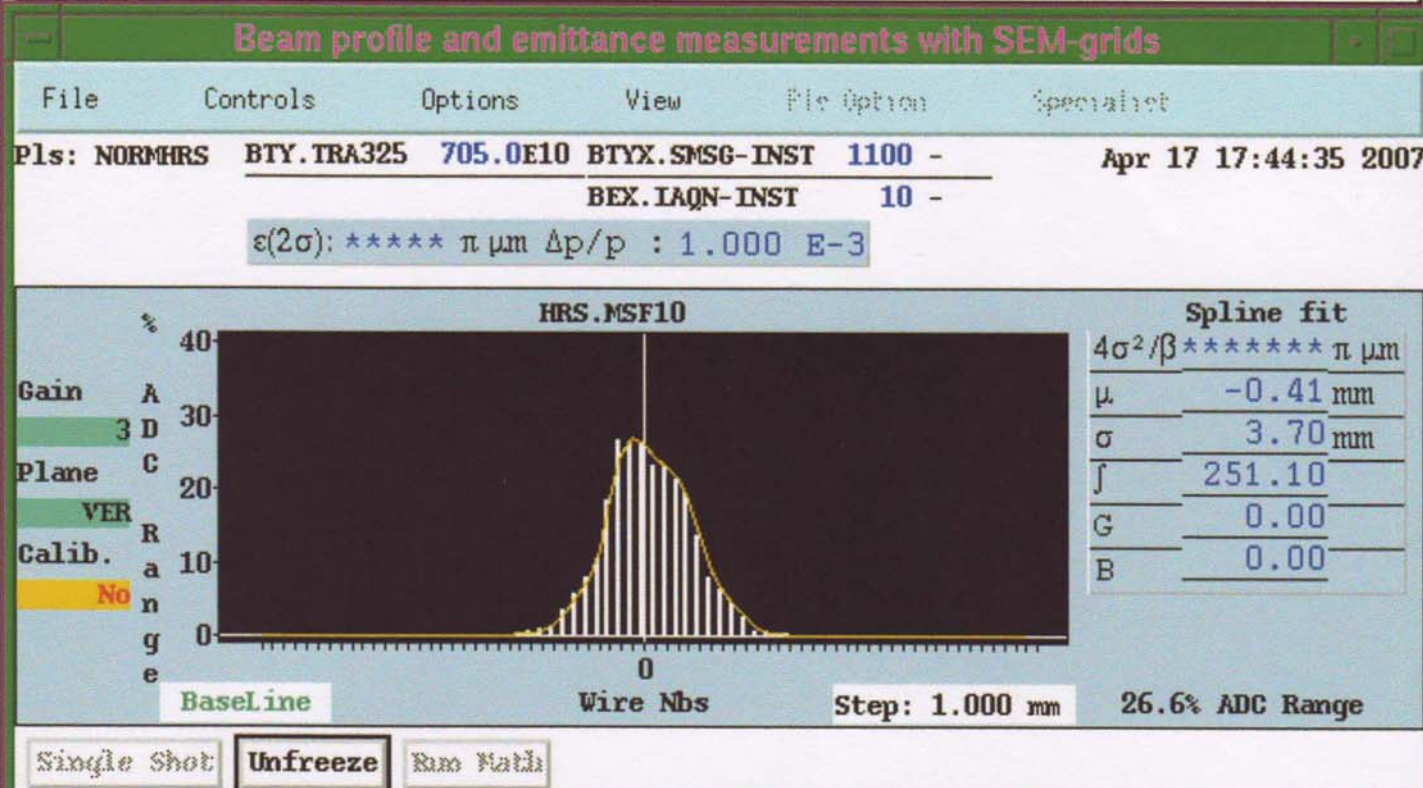


Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	7.0 ^{E12} ppp (medium)
Focus:	Standard Focus
Plane:	HRS Vertical

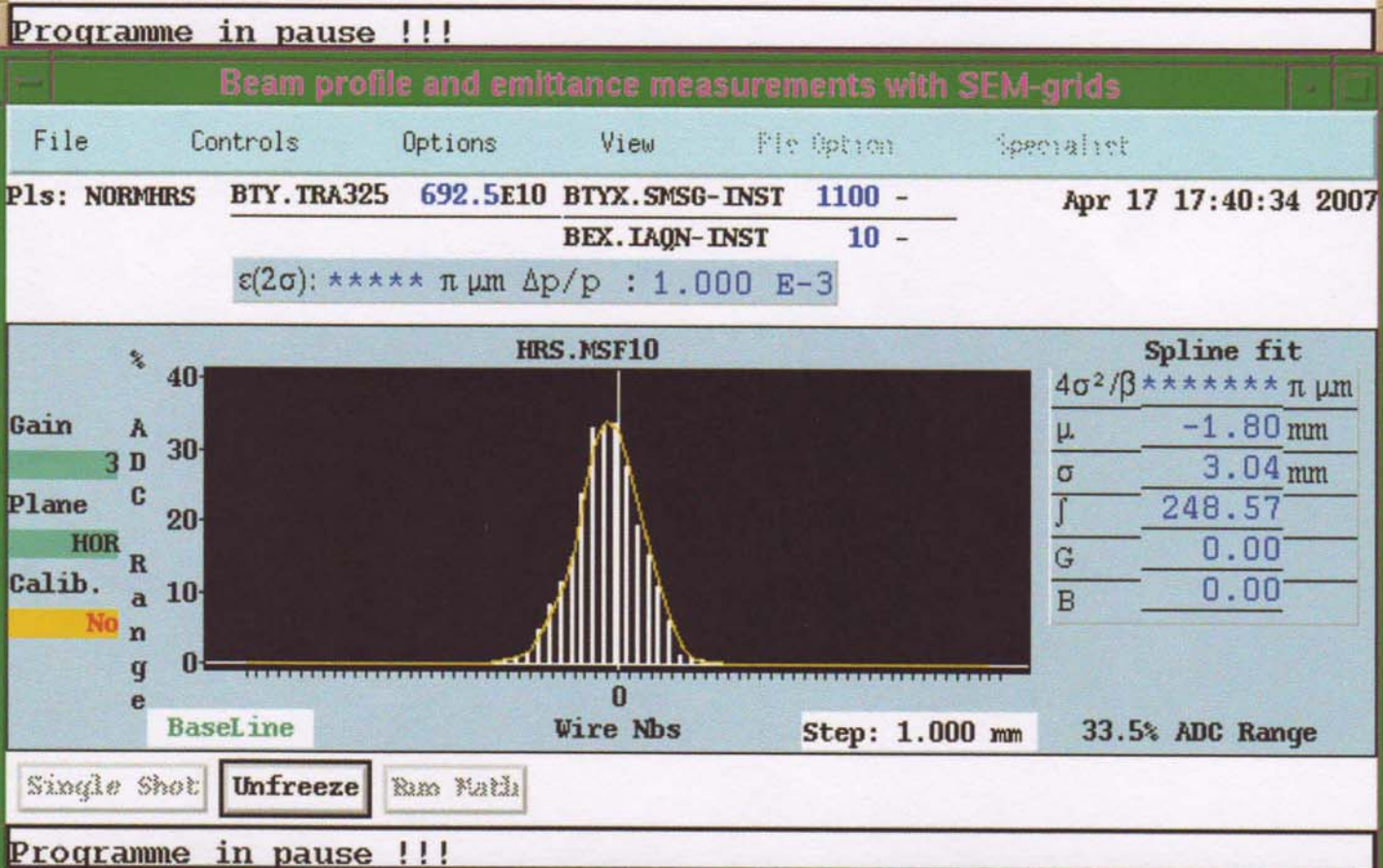
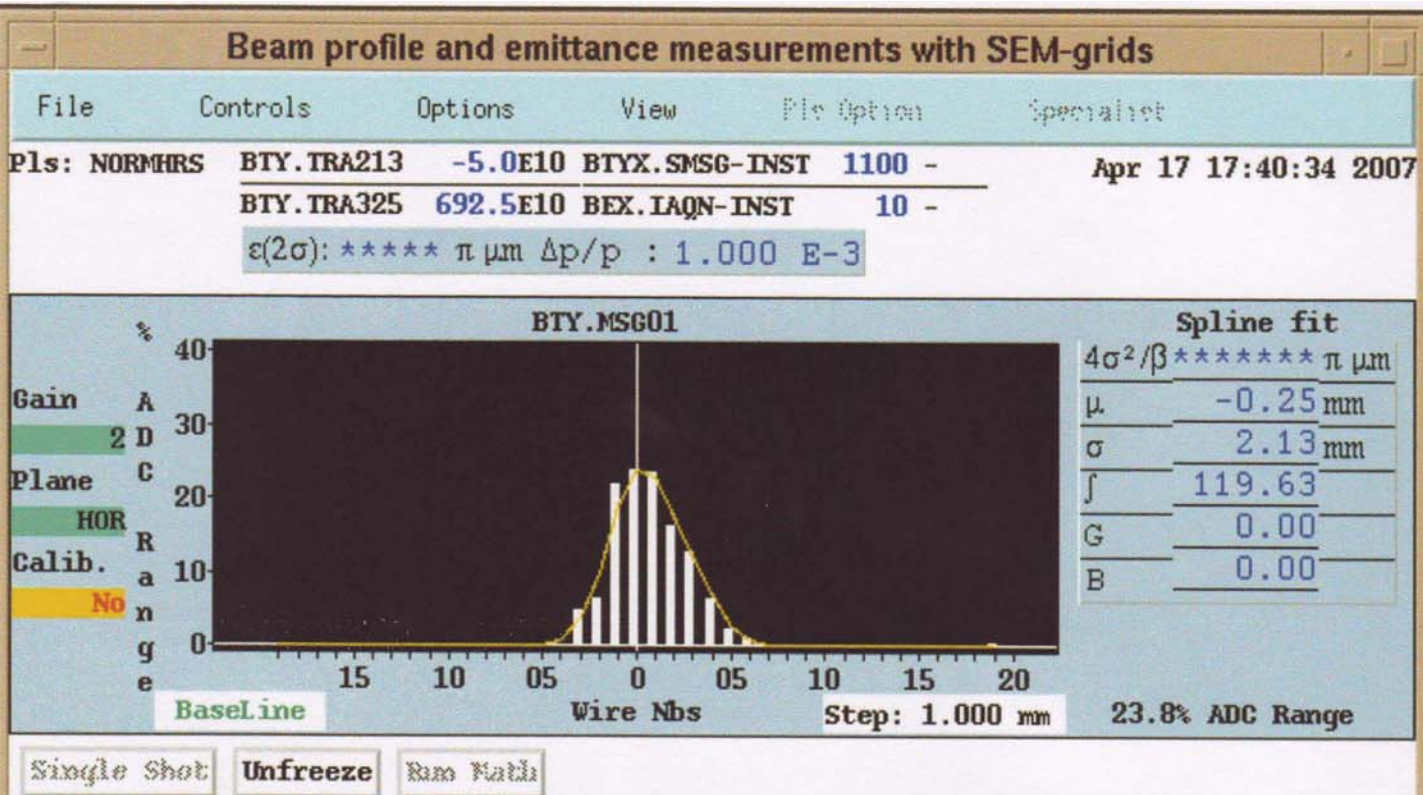


Programme in pause !!!



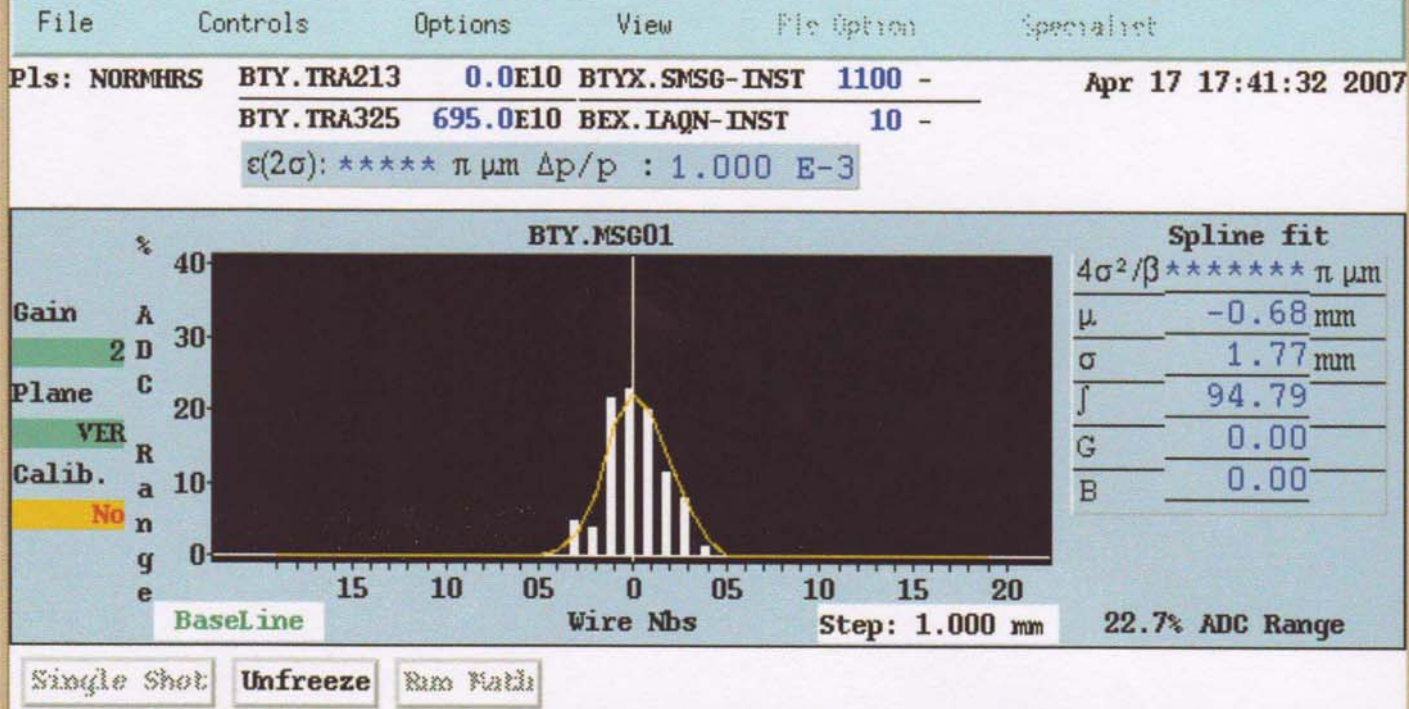
Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	7.0×10^{12} ppp (medium)
Focus:	Waist of beam on target
Plane:	HRS Horizontal



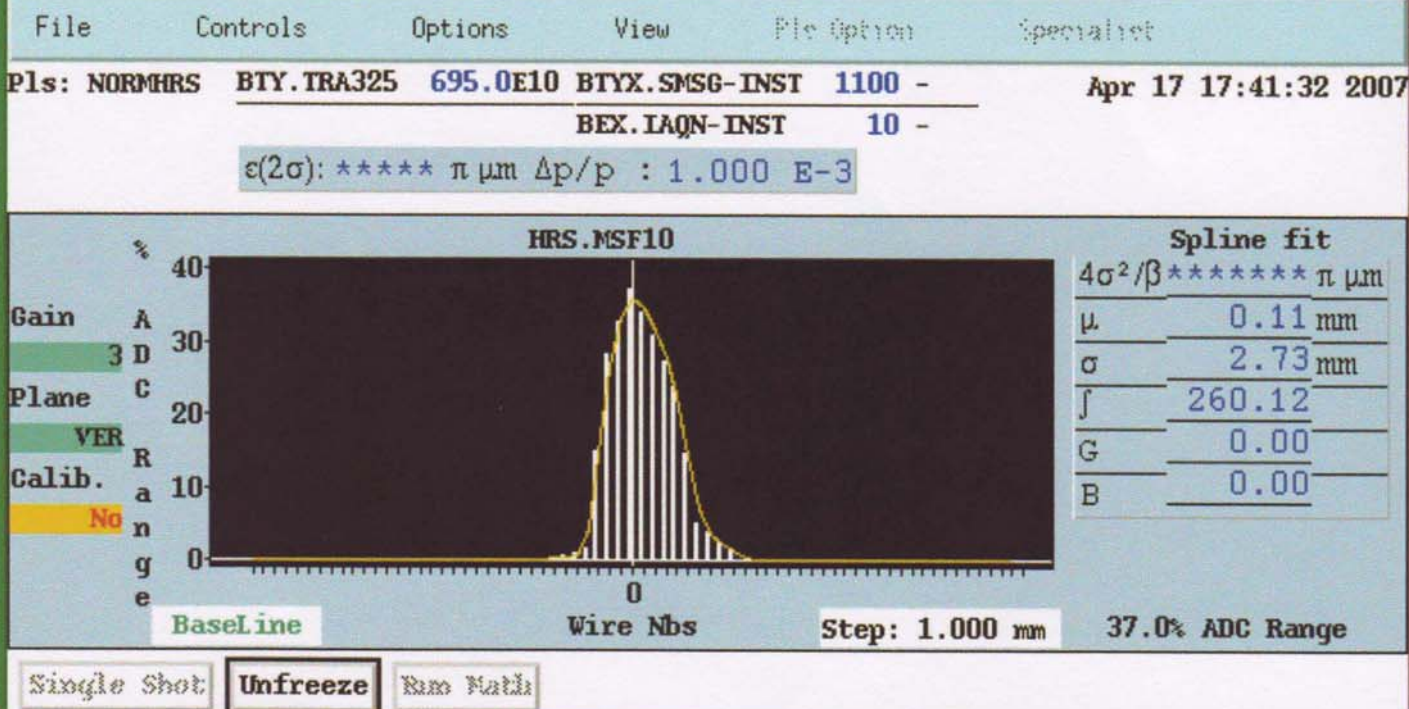
End Line: ISOLDE HRS
Intensity: 7.0×10^{12} ppp (medium)
Focus: Waist of beam on target
Plane: HRS Vertical

Beam profile and emittance measurements with SEM-grids



Programme in pause !!!

Beam profile and emittance measurements with SEM-grids



Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	2.7^{E12} ppp (low)
Focus:	Standard Focus
Plane:	HRS Horizontal

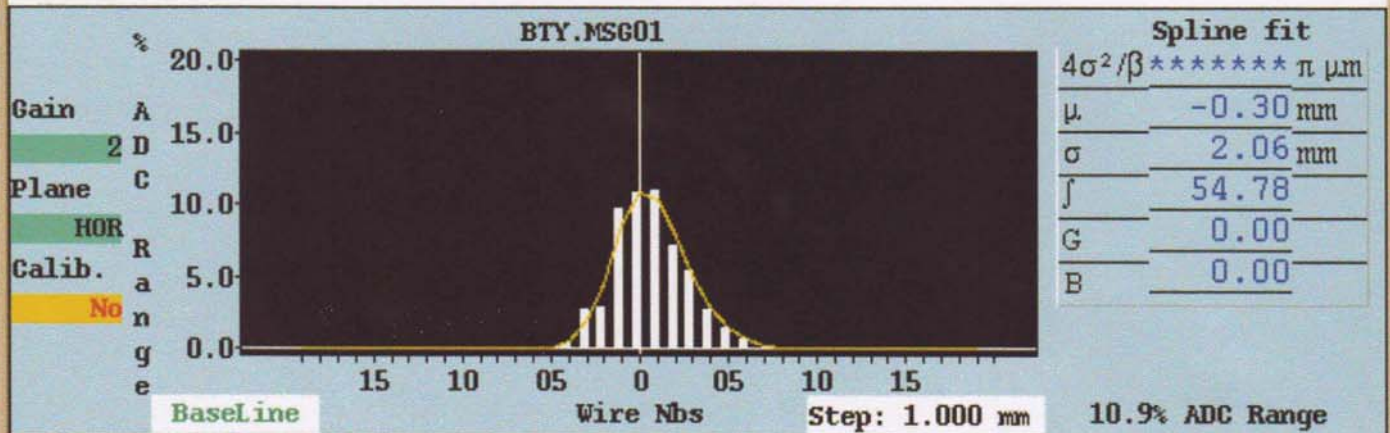
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 0.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:29:03 2007

BTY.TRA325 270.0E10 BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

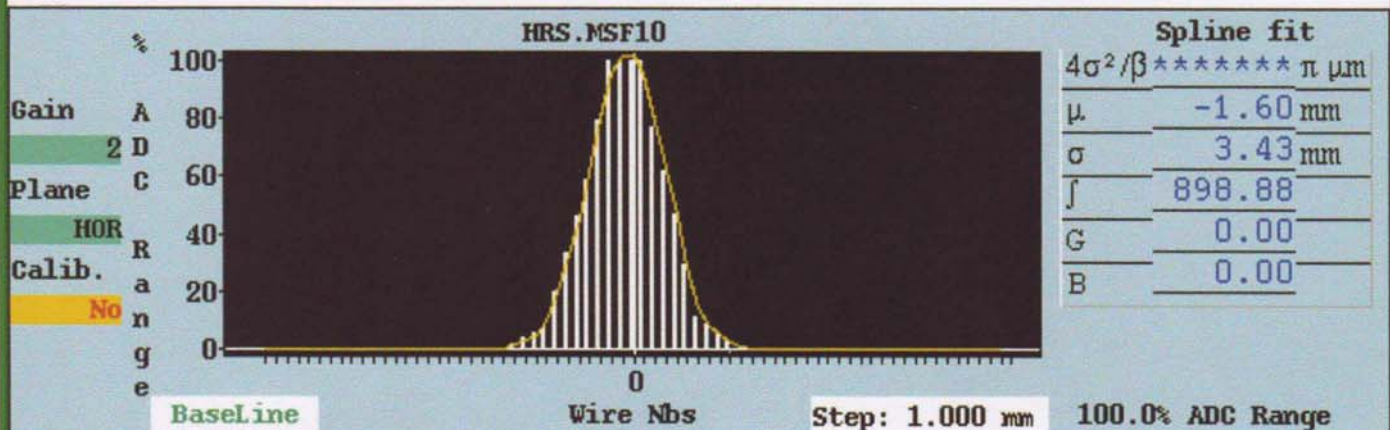
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 270.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:29:03 2007

BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

End Line: ISOLDE HRS
Intensity: 2.7^{E12} ppp (low)
Focus: Standard Focus
Plane: HRS Vertical

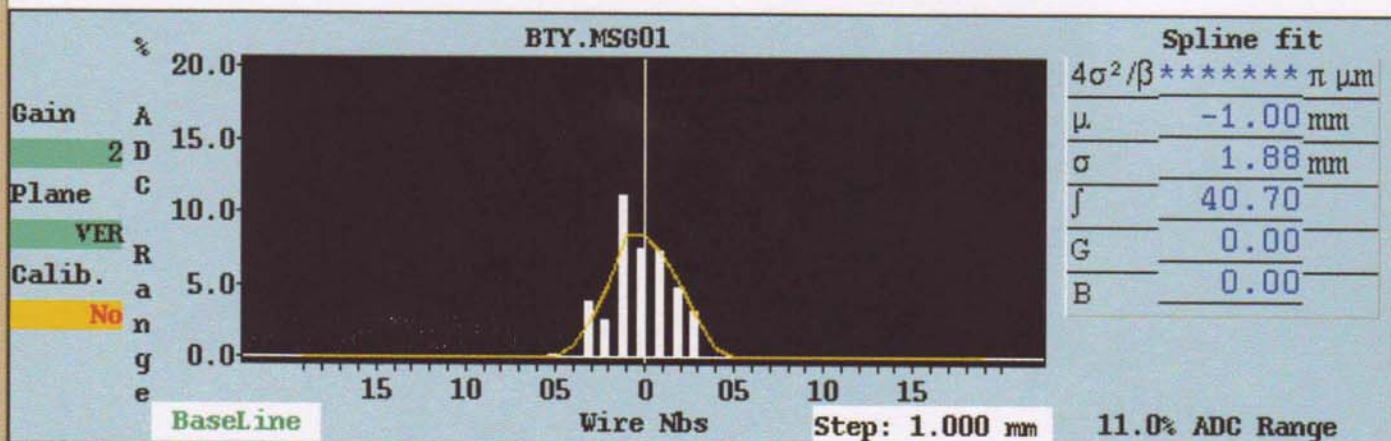
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA213 -2.5E10 BTYX.SMSG-INST 1100 - Apr 17 17:31:44 2007

BTY.TRA325 270.0E10 BEX.IAQN-INST 10 -

$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



Single Shot Unfreeze Run Math

Programme in pause !!!

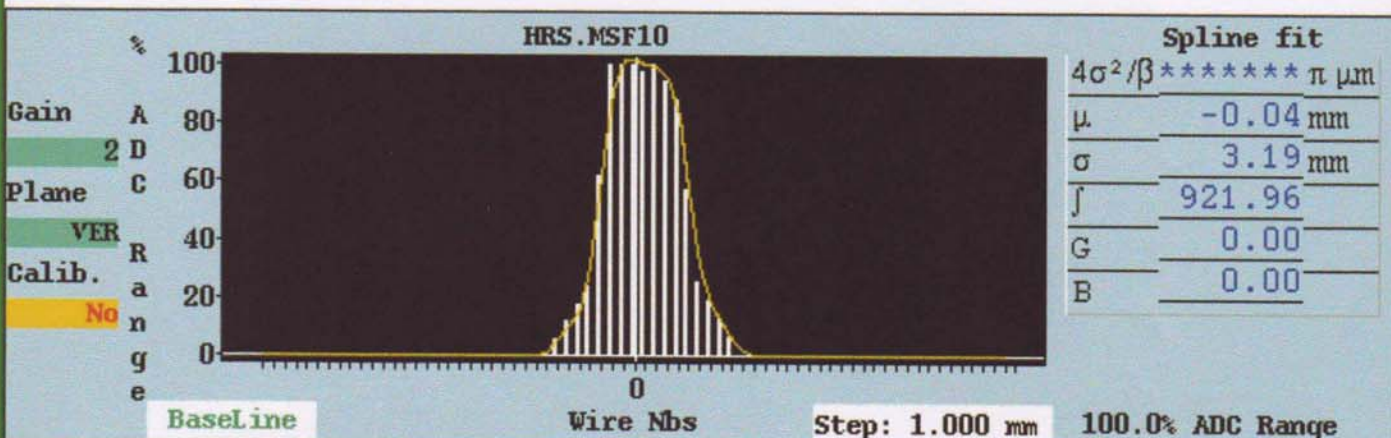
Beam profile and emittance measurements with SEM-grids

File Controls Options View File Option Specialist

Pls: NORMHRS BTY.TRA325 270.0E10 BTYX.SMSG-INST 1100 - Apr 17 17:31:44 2007

BEX.IAQN-INST 10 -

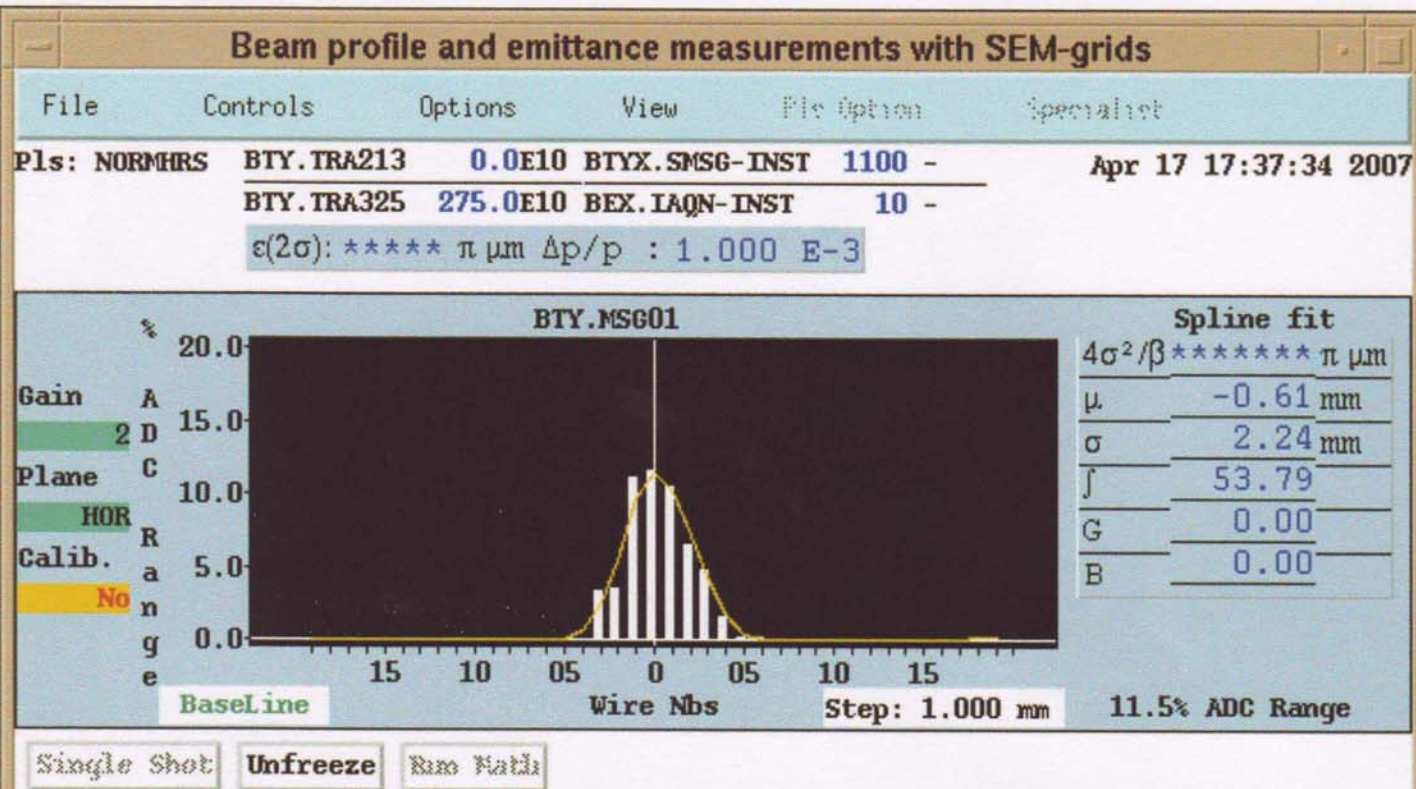
$\epsilon(2\sigma)$: ***** $\pi \mu\text{m}$ $\Delta p/p$: 1.000 E-3



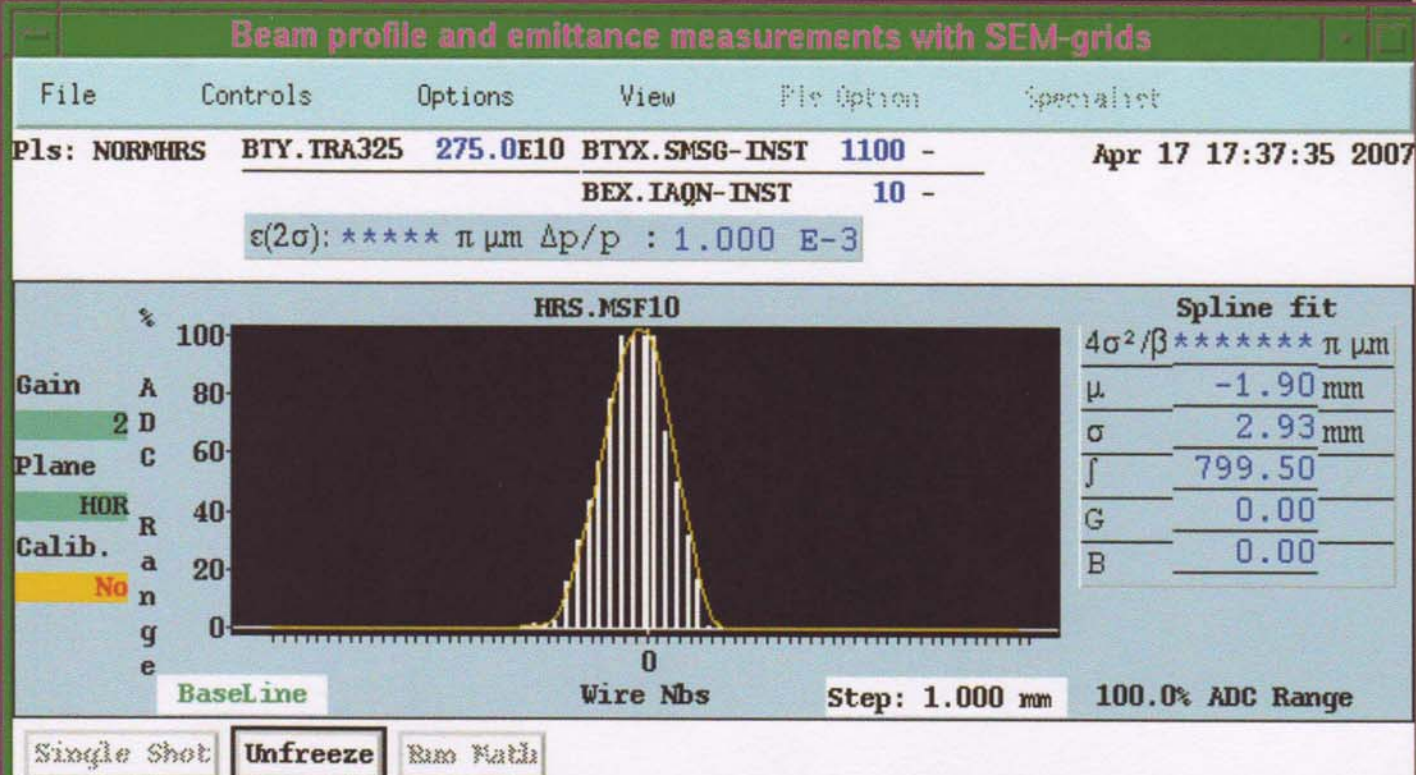
Single Shot Unfreeze Run Math

Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	2.8 ^{E12} ppp (low)
Focus:	Waist of beam on target
Plane:	HRS Horizontal

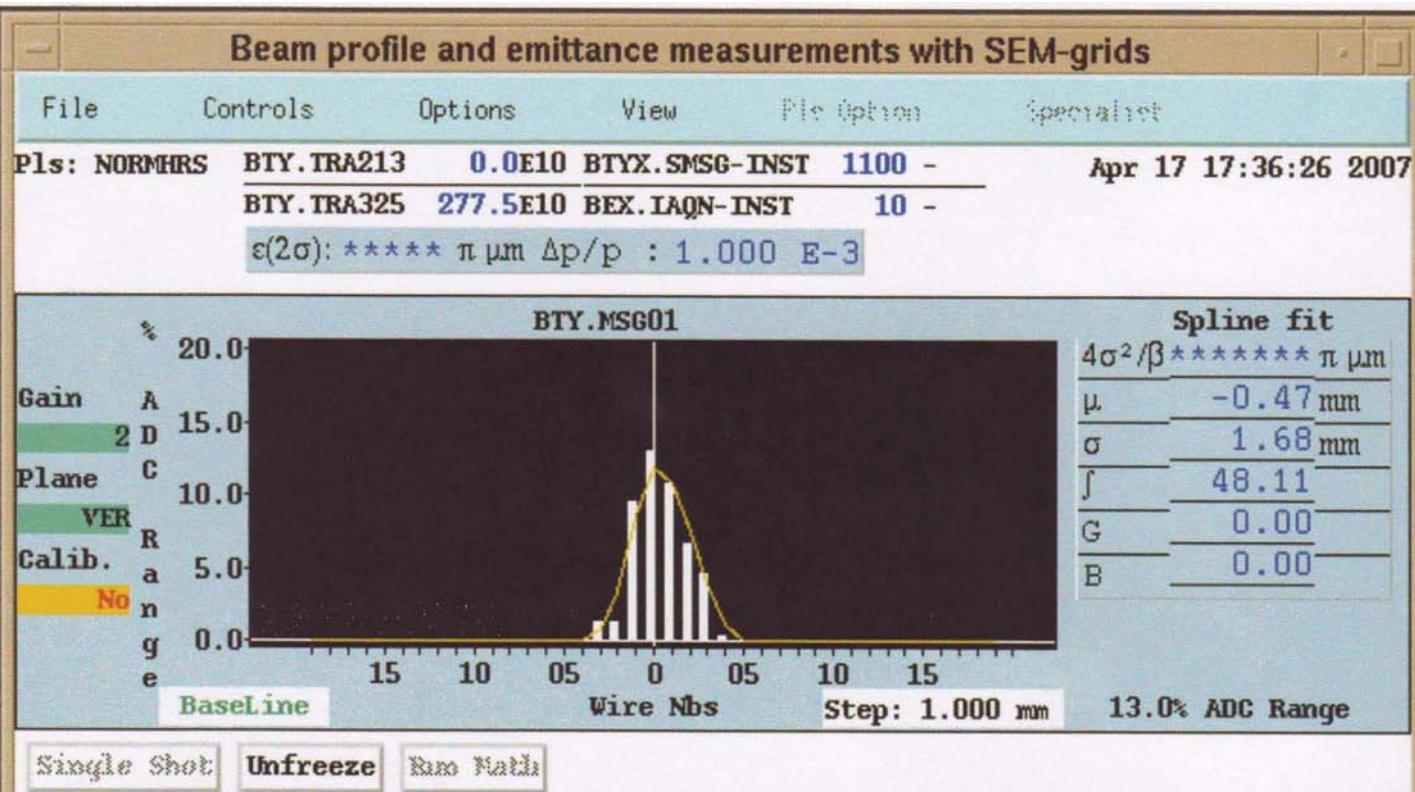


Programme in pause !!!

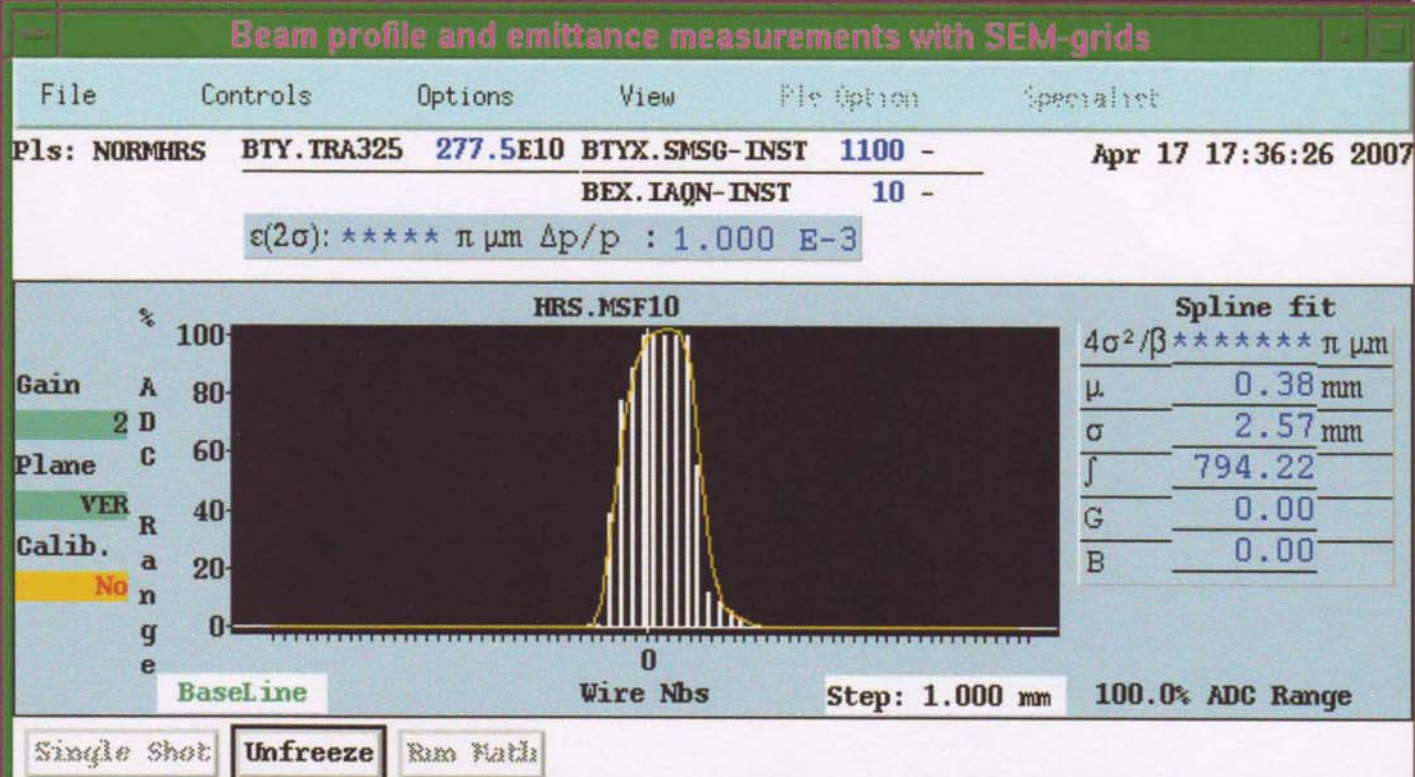


Programme in pause !!!

End Line:	ISOLDE HRS
Intensity:	2.8^{E12} ppp (low)
Focus:	Waist of beam on target
Plane:	HRS Vertical



Programme in pause !!!



Programme in pause !!!

WorkingSet: PSB:ISOLDE-STEE_BEND - PSB.USER.NORMHRS

File Edit View References Commands Control Programs

Help


 Apr 17 18:17:03 PSB - NORMHRS


NORMAL view

POW-V	Status	CCV	AQN	Unit
BTM.DHZ10DMP	On	-15.99	-7.01	A
BTM.DHZ10ISO	On	-7.00	-7.01	A
BTY.DHZ118	On	1.06	1.05	A
BTY.DHZ124	On	-0.59	-0.59	A
BTY.DHZ152	On	3.00	3.00	A
BTY.DHZ201	On	0.50	0.51	A
BTY.DHZ211	On	0.00	0.02	A
BTY.DHZ303	On	0.00	0.00	A
BTY.DHZ323	On	0.10	0.11	A

POW-V	Status	CCV	AQN	Unit
BTM.DVT10DMP	On	-6.59	1.10	A
BTM.DVT10ISO	On	1.10	1.10	A
BTY.DVT118	On	-0.50	-0.50	A
BTY.DVT124	On	4.20	4.21	A
BTY.DVT152	On	-4.80	-4.81	A
BTY.DVT201	On	0.00	0.00	A
BTY.DVT212	On	0.00	0.02	A
BTY.DVT303	On	7.00	7.01	A
BTY.DVT324	On	0.10	0.11	A

POW-V	Status	CCV	AQN	Unit
BT.BHZ10ML	On	-376.95	-376.96	A
BT.BHZ10PS	On	0.00	-376.96	A
BTM.BHZ10	On	450.80	449.87	A
BTY.BVT101DMP	On	0.00	446.81	A
BTY.BVT101ISO	On	443.55	446.81	A
BTY.BVT116	On	452.00	452.57	A
BTY.BHZ301GPS	On	0.10	448.19	A
BTY.BHZ301HRS	On	449.52	448.19	A
BTY.BHZ308	On	454.00	454.31	A

GFAS	Enable	Delay	Ampl.	Unit
BTY.GSDIP	Enabled	338.00	10.00	

PTIM-V	Pulse	CCV	AQN	Start	Train
BX.SGSISO	Enabled	335	335	BEX.F900-EJEC	1-KHz
BX.EGSISO	Enabled	150	150	BEX.AMC-CT	1-KHz
BX.GBHZ10AND301	Enabled	150	150	BEX.F550	1-KHz

WorkingSet: PSB:ISOLDE-FOCAL - PSB.USER.NORMHRS

File Edit View References Commands Control Programs Help

Apr 17 18:18:01 PSB - NORMHRS

NORMAL view

POW-V	Status	CCV	AQN	Unit
BT.QN040DMP	On	206.26	204.46	A
BT.QN040ISO	On	204.41	204.46	A
BT.QN040PS	On	257.33	204.46	A
BT.QN050DMP	On	175.00	174.60	A
BT.QN050ISO	On	175.18	174.60	A
BT.QN050PS	On	174.74	174.60	A
BTM.QN005DMP	On	128.04	128.05	A
BTM.QN005ISO	On	128.04	128.05	A
BTM.QN010DMP	On	-172.15	-172.15	A
BTM.QN010ISO	On	-172.17	-172.15	A
BTM.QN020DMP	On	-171.84	-171.81	A
BTM.QN020ISO	On	-171.84	-171.81	A
BTY.QDE104	On	182.20	182.22	A
BTY.QF0108	On	134.95	134.96	A
BTY.QDE113	On	182.26	182.28	A
BTY.QF0119	On	124.61	124.61	A
BTY.QDE120	On	198.53	198.52	A
BTY.QF0122	On	77.33	77.31	A
BTY.QF0148	On	47.31	47.31	A
BTY.QDE151	On	113.90	113.89	A
BTY.QF0153	On	77.06	77.05	A
BTY.QF0179	On	107.00	107.01	A
BTY.QDE182	On	164.07	164.17	A
BTY.QF0184	On	105.12	105.14	A
BTY.QDE209	On	133.13	132.53	A
BTY.QF0210	On	140.81	140.89	A
BTY.QF0304	On	155.62	155.63	A
BTY.QDE310	On	Cannot s...	182.52	A
BTY.QF0311	On	153.53	153.50	A
BTY.QDE321	On	186.11	186.12	A
BTY.QF0322	On	182.74	182.97	A