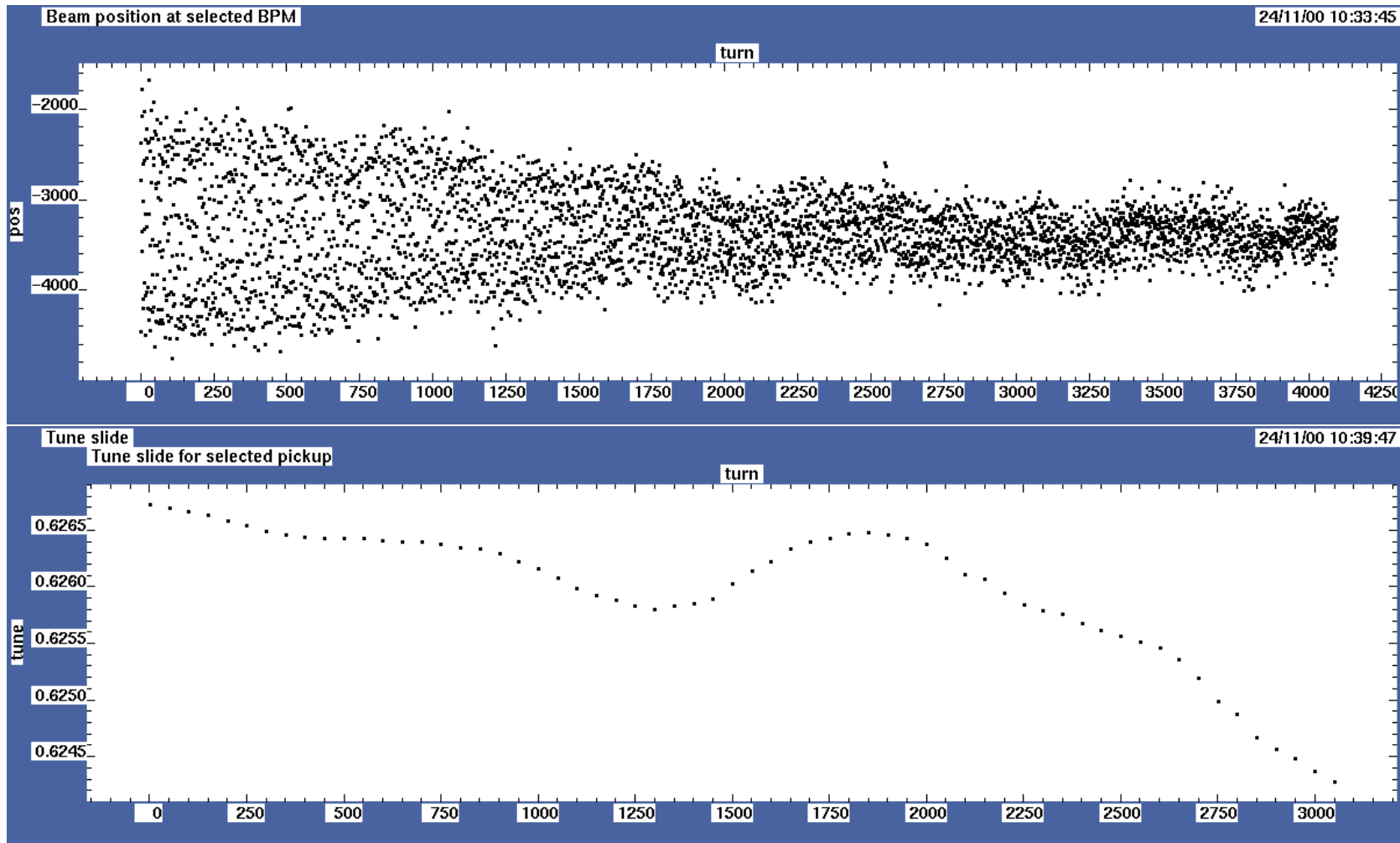


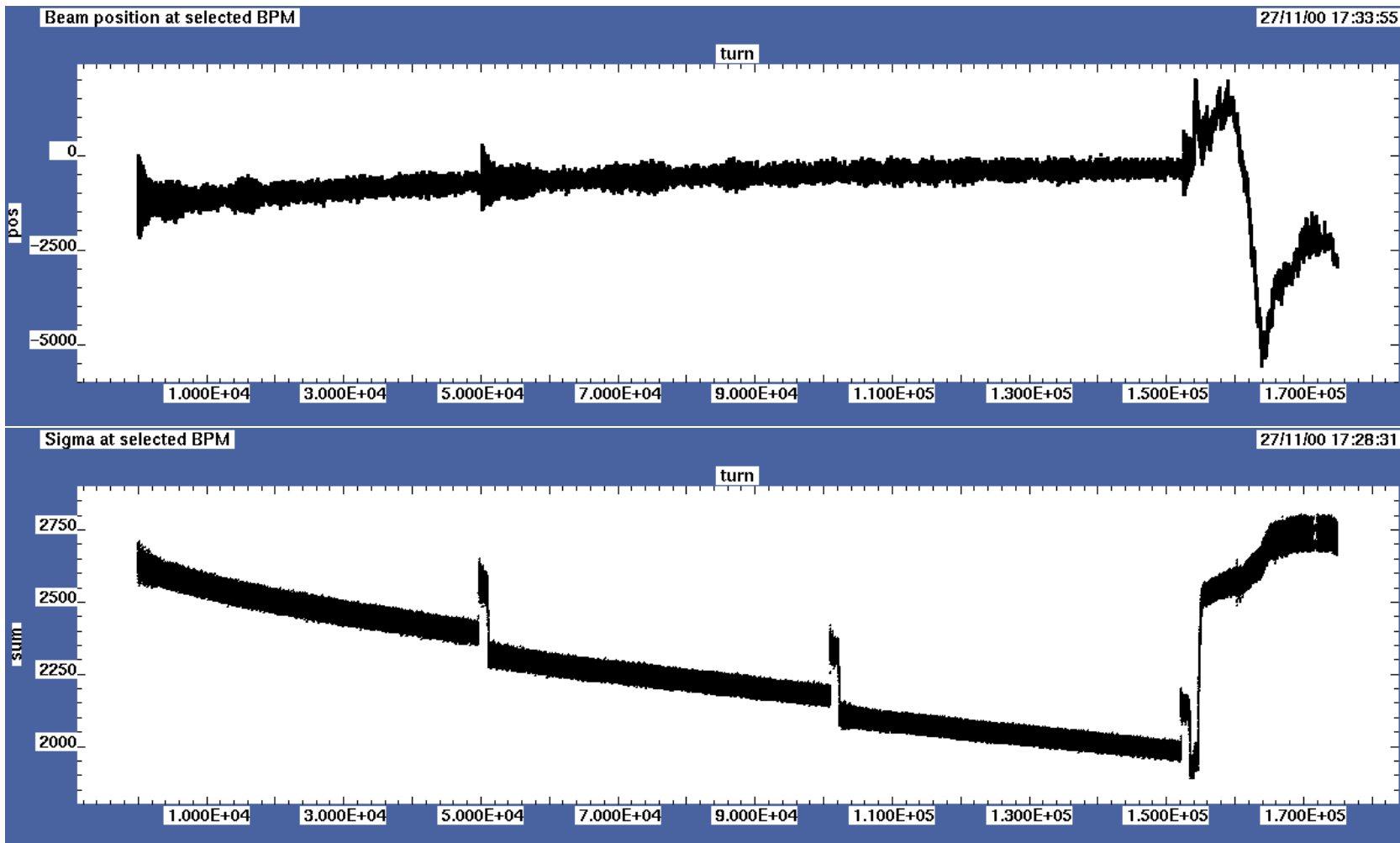
Beam position and tune

- Beam position and sliding tune measurement (using 1000 turns) during 4096 turns measured with BPH 10209



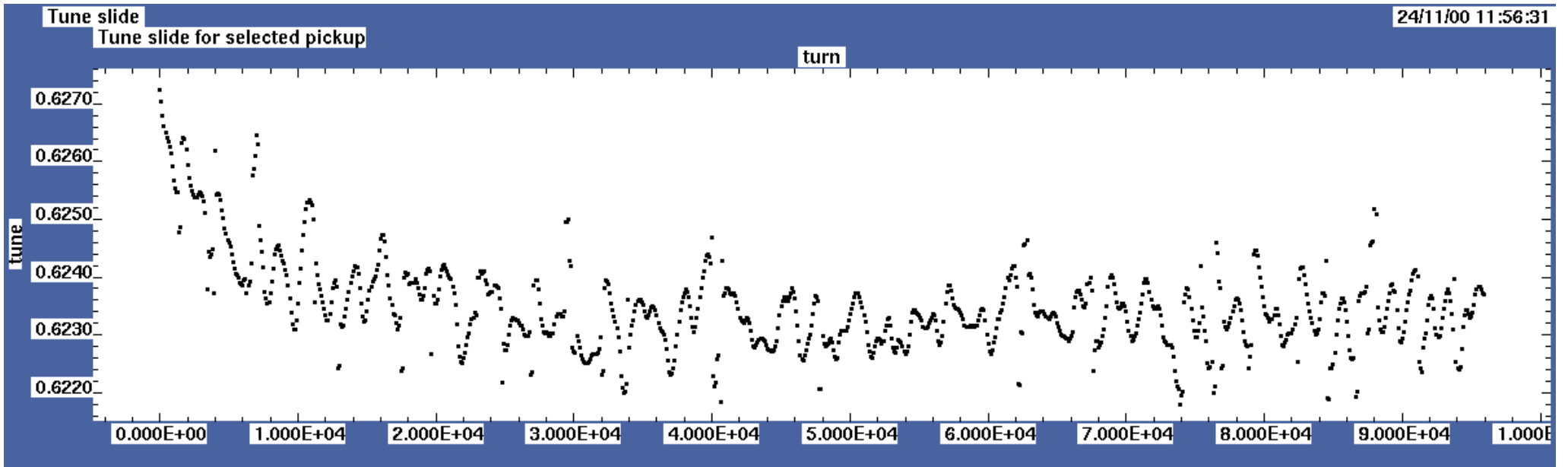
Multiturn measurement mode

● Horiz. beam position and BPM sum signal during 175000 turns



Tune during 100000 turns

- Tune measured during 100000 turns with BPH 10209, 4096 turns used for each tune value



Windows for harmonic analysis

MTanalyse									
QUIT		SPS Multiturn Analysis						HELP	
Load data		Data File:	SPS_Multiturn_18:08:44_02_Jun_2000		Choose archive	Chosen archive:	SPS_MT_02_Jun_2000		
Select BPM:		1		Next BPM		Prev. BPM			
Select BPM from:		BA1	BA2	BA3	BA4	BA5	BA6		
Select turn:		1		Next turn		Prev. turn			
Start turn:	1	End turn:	1000	Turn step:	1				
Tune slide turns:	500	Tune slide step:	100	Window type:	<div> Rectangular Bartlett Welch Hamming </div>				
Harmonic Analysis									
Select qx:		0.62		Select qy:					
Tune Scan									
Start tune:	0.50	End tune:	0.70	Tune step:	0.01				
Display options									
Colour shift:	1	Display shift:	1						
Calculate qx	qx:	-	Calculate qy	qy:	-	Use one BPM			
Calc. phase advance BA6→BA2			Phase advance:		-				
Save current for reference			Reference data:		-				
Show date					Show comment				
Show measurement parameters					Show measurement info				
Write multiturn data in a file:									
Write selected BPM data		Write horiz. BPMs		Write vert. BPMs		Write all BPM data			

Starting to load new data.
Data loaded succesfully.
Number of turns in data: 1000
New window type: Rectangular window.