LS-EC (11/27/85)

LS-41
E. A. Crosbie
November 27, 1985

STORAGE RING

MIXED WIGGLER, UNDULATOR LATTICE PARAMETERS

STOR-RING (E. A. Crosbie) 11/25/85

Mixed Wiggler, Undulator Lattice Parameters

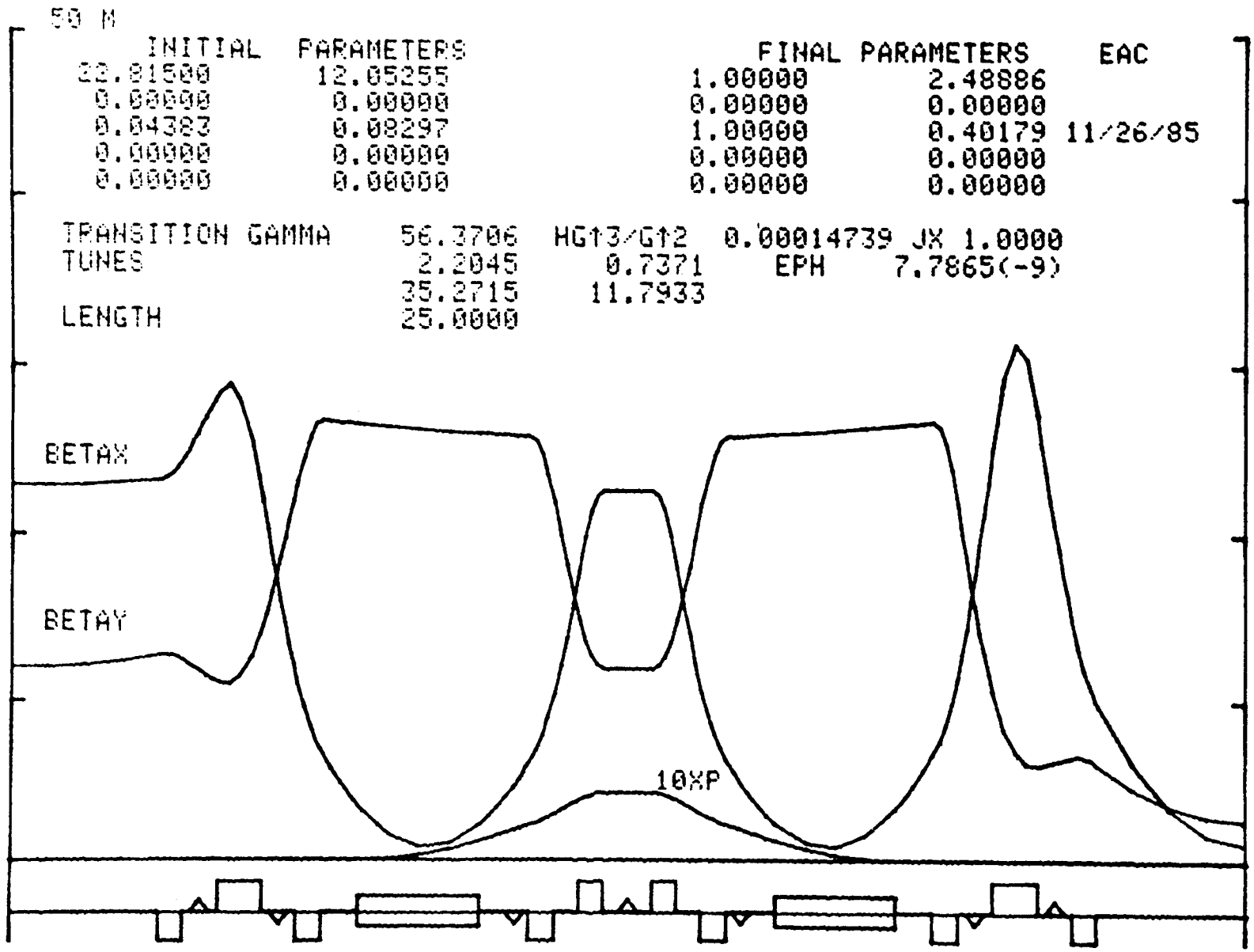
6 GeV (Bρ = 20.0139 T•m)

Element	Length (m)	Units
L	3.00	
Q1U	0.50	-4.05952267
L11	0.15	
S1U	0.40	4.8728
L12	0.15	
Q2U	0.90	10.58344905
L21	0.15	
S2U	0.40	-5.2630
L22	0.15	
Q3U	0.50	-11.42046096
L3	0.75	
M	2.45	24.955495
L41	0.51	
S3U	0.40	-3.5632
L42	0.09	
Q4	0.50	-13.00000000
L5	0.50	
Q5	0.50	17.63451275
L6	0.30	
S4	0.40	4.6387
L6	0.30	
Q5	0.50	17.63451275
L5	0.50	
Q4	0.50	-13.00000000
L42	0.09	
S3W	0.40	-4.0824
L41	0.51	
M	2.45	24.955495
L3	0.75	
Q3W	0.50	-16.41810198
L22	0.15	
S2W	0.40	-2.7268
L21	0.15	
Q2W	0.90	17.29102906
L12	0.15	
S1W	0.40	3.1937
L11	0.15	
Q1W	0.50	-10.91172643
L	3.00	

REFLECT

Units

M : ρ in m
Q : B' in T/m
S : B"ℓ/Bρ in $1/m^2$



Beta and Dispersion Functions