Results from Parmela simulation for run 2005					
5.5A gun current; energy cut after 2nd accelerating structur at 17 MeV					
sub harmonic bunchers					
energy [MeV]	**rms bunch length**	**$\varepsilon_{x,n,rms}$ [µrad]**	**$\varepsilon_{y,n,rms}$ [µrad]**	**main bunch**	**satellit**
17.8±0.2	15.2°	$24\cdot\pi$ [1)]	$25\cdot\pi$ [1)]	4.3 A (78 %)	6.9%
		$12\cdot\pi$ [2)]	$13\cdot\pi$ [2)]		
3 GHz operation					
energy [MeV]	**rms bunch length**	**$\varepsilon_{x,n,rms}$ [µrad]**	**$\varepsilon_{y,n,rms}$ [µrad]**	**main bunch**	
17.9±0.2	13.6°	$20\cdot\pi$ [1)]	$22\cdot\pi$ [1)]	4.0 A (73 %)	
		$11\cdot\pi$ [2)]	$11\cdot\pi$ [2)]		
[1)] all particles, result from Parmela					
[2)] single bunch, energy > 17 MeV					