

**High level (S. Peggs)**

23-Jul-16

<b>Parameter</b>	<b>Unit</b>	<b>Value</b>	<b>Status</b>	<b>Date</b>	<b>Comment</b>
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Harmonic number		333	Active	30-Mar-16	
		335	Draft	23-Jul-16	Proposed change !

**KEY PERFORMANCE PARAMETERS**

Number of ERL turns		1	Active	30-Mar-16	
Injector energy	MeV	6	Active	30-Mar-16	
Top energy (1 turn)	MeV	42	Active	30-Mar-16	
Gun current	mA	1	Active	30-Mar-16	
Bunch repetition rate	MHz	325	Active	30-Mar-16	
Energy aperture		2	Active	30-Mar-16	

**DESIGN (ULTIMATE) PARAMETERS**

Number of ERL turns		4	Active	30-Mar-16	
Top energy (4 turns)	MeV	150	Active	30-Mar-16	
Gun current	mA	40	Active	30-Mar-16	
Electron bunch charge	pC	123			
Bunch repetition rate	MHz	325	Active	30-Mar-16	
Bunch repetition rate, max	MHz	1300	Active	30-Mar-16	
Energy aperture		4	Active	30-Mar-16	