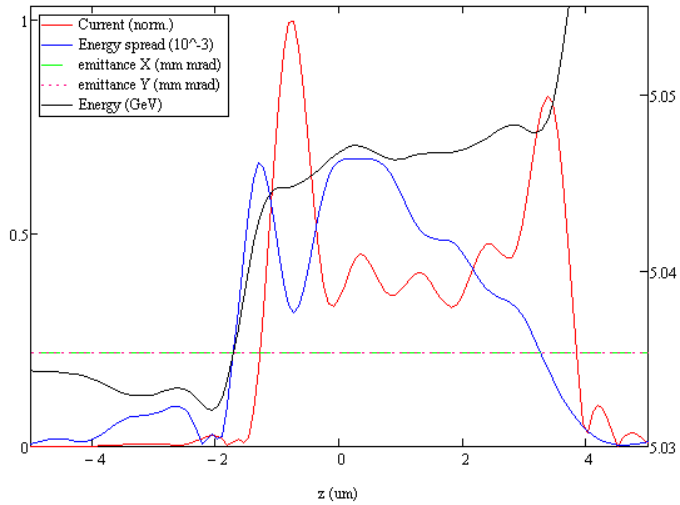


2p5_cell_cband_gun-jessica-TW_Ka: original

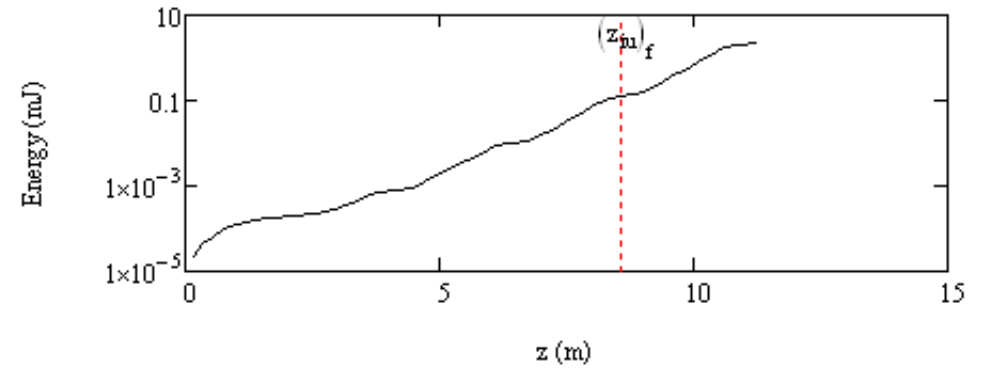


e_beam_table =

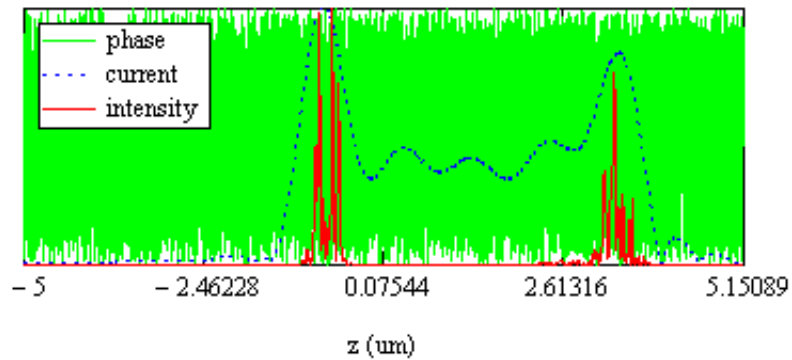
"Energy (MeV)"	$5.05 \cdot 10^3$
"Energy Spread (%)"	0.01
"Norm. X Emitt. (mm mrad)"	0.22
"Norm. Y Emitt. (mm mrad)"	0.22
"Peak Current (A)"	$8.66 \cdot 10^3$
"Bunch length (um)"	1.64
"Charge (pC)"	75.87

Parameters =

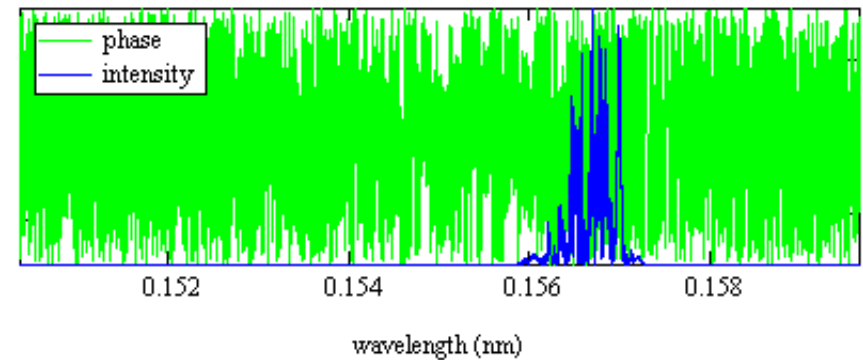
"Frame"	"49 of 50"	"Position (m)"	"8.5995"
"Parameters@"	"1h"	"3h"	"5h"
"Energy (uJ)"	1.736	0	0
"length (rms, fs)"	6.68	0	0
"width (rms, %)"	0.156	0.469	0.782



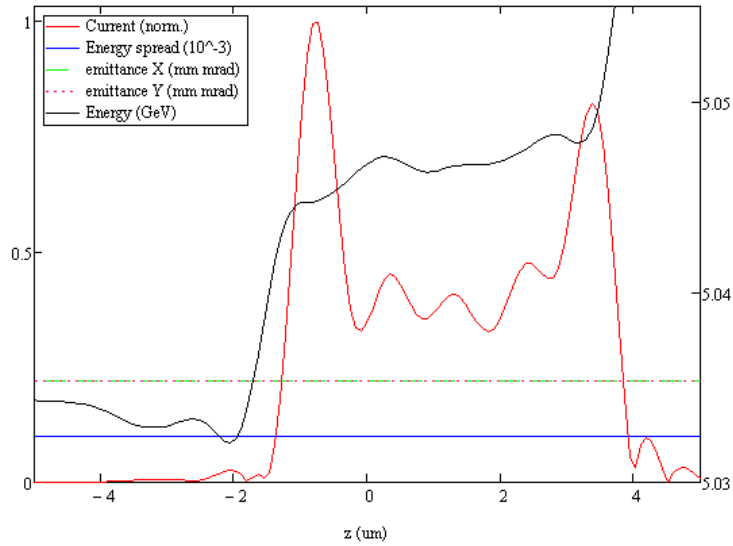
Power (a.u., 1st harmonic)



Power Spectrum (a.u., 1st harmonic)



2p5_cell_cband_gun-jessica-TW_Ka: flat $\delta E/E=10^{-4}$

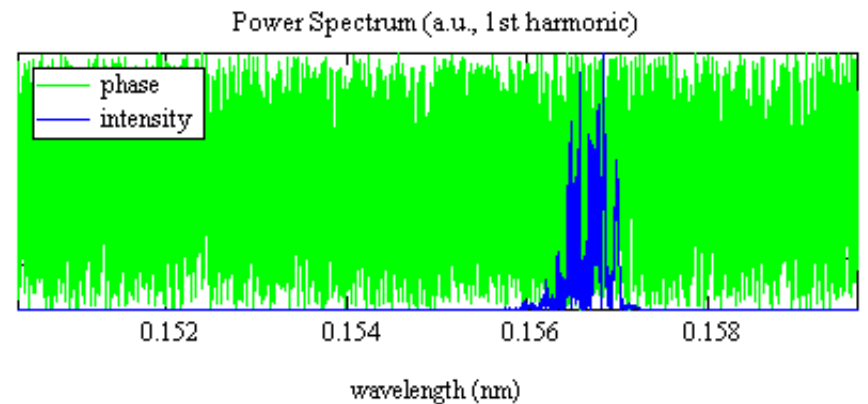
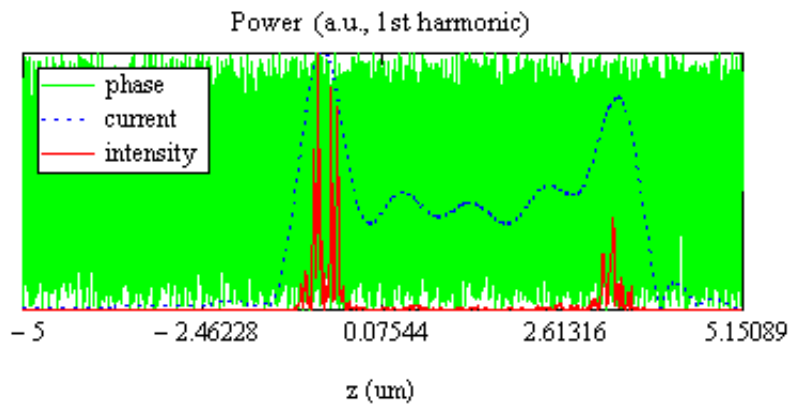
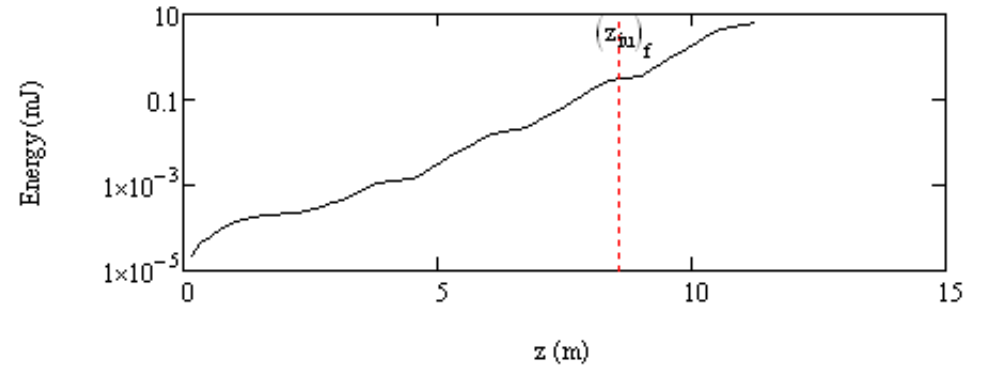


e_beam_table =

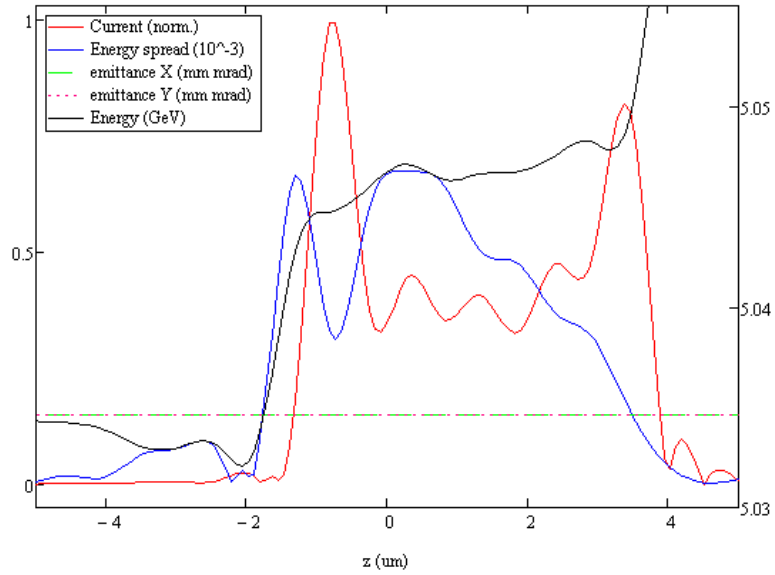
"Energy (MeV)"	$5.05 \cdot 10^3$
"Energy Spread (%)"	0.01
"Norm. X Emitt. (mm mrad)"	0.22
"Norm. Y Emitt. (mm mrad)"	0.22
"Peak Current (A)"	$8.66 \cdot 10^3$
"Bunch length (um)"	1.64
"Charge (pC)"	75.87

Parameters =

"Frame"	"49 of 50"	"Position (m)"	"8.5995"
"Parameters@"	"1h"	"3h"	"5h"
"Energy (uJ)"	4.721	0	0
"length (rms, fs)"	5.815	0	0
"width (rms, %)"	0.146	0.437	0.728



2p5_cell_cband_gun-jessica-TW_Ka: $\epsilon=0.15 \mu\text{m}^*\text{rad}$



e_beam_table =

"Energy (MeV)"	$5.05 \cdot 10^3$
"Energy Spread (%)"	0.01
"Norm. X Emitt. (mm mrad)"	0.15
"Norm. Y Emitt. (mm mrad)"	0.15
"Peak Current (A)"	$8.56 \cdot 10^3$
"Bunch length (um)"	1.64
"Charge (pC)"	74.99

Parameters =

"Frame"	"49 of 50"	"Position (m)"	"8.5995"
"Parameters@"	"1h"	"3h"	"5h"
"Energy (uJ)"	24.864	0	0
"length (rms, fs)"	6.713	0	0
"width (rms, %)"	0.126	0.379	0.631

