

E _{ph} 2.0 keV Q 250 pC maxTaper										E _{ph} 1.5 keV Q 250 pC maxTaper										E _{ph} 1.0 keV Q 250 pC maxTaper										E _{ph} 0.5 keV Q 250 pC maxTaper									
I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀												
[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]												
4.50	2.9	7.5	56	16	7.3	-10	4.50	3.8	10	56	16	9.5	-8.2	4.50	5.7	16	56	17	13	-6.0	4.50	9.7	28	56	21	22	-4.3												
4.25	3.0	7.7	59	16	7.3	-10	4.25	3.9	10	59	16	9.4	-8.2	4.25	5.8	16	59	17	13	-6.1	4.25	10	28	59	21	22	-4.4												
4.00	3.0	7.9	63	16	7.3	-10	4.00	4.0	11	63	17	9.4	-8.3	4.00	5.9	16	63	17	13	-6.1	4.00	10	29	63	21	22	-4.4												
3.75	3.1	8.0	67	16	7.2	-10	3.75	4.0	11	67	17	9.3	-8.4	3.75	6.0	17	67	18	13	-6.2	3.75	10	30	67	21	22	-4.5												
3.50	3.1	8.1	71	16	7.2	-11	3.50	4.1	11	71	17	9.3	-8.5	3.50	6.0	17	71	18	13	-6.3	3.50	10	30	71	21	22	-4.5												
3.25	3.1	8.1	77	16	7.2	-11	3.25	4.0	11	77	17	9.2	-8.6	3.25	6.0	17	77	18	13	-6.4	3.25	10	30	77	21	22	-4.6												
3.00	3.0	8.0	83	16	7.1	-11	3.00	4.0	11	83	17	9.1	-8.7	3.00	5.9	17	83	18	13	-6.4	3.00	10	30	83	21	22	-4.6												
2.75	3.0	7.9	91	16	7.1	-11	2.75	3.9	11	91	17	9.1	-8.9	2.75	5.8	16	91	18	13	-6.5	2.75	10	29	91	22	22	-4.7												
2.50	2.9	7.6	100	17	7.0	-11	2.50	3.8	10	100	17	9.0	-9.0	2.50	5.7	16	100	18	13	-6.6	2.50	9.8	28	100	22	21	-4.8												
2.25	2.8	7.3	111	17	6.9	-11	2.25	3.7	10	111	17	8.9	-9.2	2.25	5.5	15	111	18	13	-6.8	2.25	9.5	27	111	22	21	-4.9												
2.00	2.7	7.0	125	17	6.9	-12	2.00	3.5	9.5	125	18	8.8	-9.3	2.00	5.2	14	125	18	13	-6.9	2.00	9.0	26	125	22	21	-5.0												
1.75	2.5	6.5	143	17	6.8	-12	1.75	3.3	8.9	143	18	8.7	-10	1.75	4.9	14	143	19	12	-7.1	1.75	8.5	24	143	22	21	-5.1												
1.50	2.3	5.9	167	17	6.7	-12	1.50	3.1	8.1	167	18	8.6	-10	1.50	4.6	12	167	19	12	-7.2	1.50	7.8	22	167	23	20	-5.2												
1.25	2.1	5.3	200	18	6.6	-13	1.25	2.8	7.3	200	18	8.5	-10	1.25	4.1	11	200	19	12	-7.5	1.25	7.1	20	200	23	20	-5.4												
1.00	1.9	4.5	250	18	6.5	-13	1.00	2.5	6.3	250	19	8.3	-10	1.00	3.6	9.7	250	20	12	-7.7	1.00	6.1	17	250	23	20	-5.6												
0.75	1.5	3.6	333	18	6.3	-14	0.75	2.0	5.1	333	19	8.1	-11	0.75	3.0	7.9	333	20	12	-8.1	0.75	5.0	14	333	24	19	-5.9												
0.50	1.1	2.5	500	19	6.1	-15	0.50	1.5	3.6	500	20	7.9	-12	0.50	2.2	5.6	500	21	11	-8.7	0.50	3.6	9.5	500	25	19	-6.3												

E _{ph} 2.0 keV Q 40 pC maxTaper										E _{ph} 1.5 keV Q 40 pC maxTaper										E _{ph} 1.0 keV Q 40 pC maxTaper										E _{ph} 0.5 keV Q 40 pC maxTaper									
I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀												
[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]												
4.50	0.66	1.8	8.9	12	9.6	-5.9	4.50	0.86	2.4	8.9	12	12.4	-4.8	4.50	1.3	3.7	8.9	13	17.7	-3.5	4.50	2.2	6.4	9	16	29	-2.5												
4.25	0.67	1.9	9.4	12	9.6	-6.0	4.25	0.88	2.5	9.4	13	12.3	-4.8	4.25	1.3	3.7	9.4	13	17.6	-3.5	4.25	2.2	6.6	9	16	29	-2.5												
4.00	0.68	1.9	10	12	9.5	-6.0	4.00	0.89	2.5	10	13	12.3	-4.8	4.00	1.3	3.8	10	13	17.5	-3.6	4.00	2.2	6.7	10	16	29	-2.6												
3.75	0.68	1.9	11	12	9.5	-6.1	3.75	0.89	2.5	11	13	12.2	-4.9	3.75	1.3	3.8	11	13	17.4	-3.6	3.75	2.3	6.7	11	16	29	-2.6												
3.50	0.68	1.9	11	12	9.4	-6.1	3.50	0.89	2.5	11	13	12.1	-5.0	3.50	1.3	3.8	11	13	17.3	-3.7	3.50	2.3	6.7	11	16	29	-2.6												
3.25	0.68	1.9	12	12	9.4	-6.2	3.25	0.89	2.5	12	13	12.1	-5.0	3.25	1.3	3.8	12	14	17.2	-3.7	3.25	2.3	6.7	12	16	29	-2.7												
3.00	0.67	1.9	13	12	9.3	-6.3	3.00	0.88	2.5	13	13	12.0	-5.1	3.00	1.3	3.7	13	14	17.1	-3.8	3.00	2.2	6.6	13	16	28	-2.7												
2.75	0.66	1.8	15	13	9.2	-6.4	2.75	0.86	2.4	15	13	11.9	-5.2	2.75	1.3	3.7	15	14	17.0	-3.8	2.75	2.2	6.5	15	16	28	-2.7												
2.50	0.64	1.8	16	13	9.2	-6.5	2.50	0.84	2.4	16	13	11.8	-5.2	2.50	1.2	3.6	16	14	16.8	-3.9	2.50	2.1	6.3	16	17	28	-2.8												
2.25	0.62	1.7	18	13	9.1	-6.6	2.25	0.81	2.3	18	13	11.7	-5.3	2.25	1.2	3.4	18	14	16.7	-3.9	2.25	2.1	6.1	18	17	28	-2.8												
2.00	0.59	1.6	20	13	9.0	-6.7	2.00	0.78	2.2	20	13	11.6	-5.4	2.00	1.1	3.3	20	14	16.5	-4.0	2.00	2.0	5.8	20	17	28	-2.9												
1.75	0.56	1.5	23	13	8.9	-6.9	1.75	0.74	2.1	23	14	11.5	-5.6	1.75	1.1	3.1	23	14	16.3	-4.1	1.75	1.9	5.5	23	17	27	-3.0												
1.50	0.53	1.4	27	13	8.8	-7.1	1.50	0.69	1.9	27	14	11.3	-5.7	1.50	1.0	2.9	27	14	16.1	-4.2	1.50	1.7	5.1	27	17	27	-3.0												
1.25	0.48	1.3	32	13	8.7	-7.3	1.25	0.63	1.8	32	14	11.1	-5.9	1.25	0.93	2.6	32	15	15.9	-4.3	1.25	1.6	4.6	32	18	26	-3.1												
1.00	0.43	1.2	40	14	8.5	-7.6	1.00	0.57	1.6	40	14	10.9	-6.1	1.00	0.83	2.3	40	15	15.6	-4.5	1.00	1.4	4.1	40	18	26	-3.2												
0.75	0.37	1.0	53	14	8.3	-7.9	0.75	0.49	1.3	53	15	10.7	-6.4	0.75	0.71	2.0	53	15	15.2	-4.7	0.75	1.2	3.4	53	18	25	-3.4												
0.50	0.30	0.74	80	14	8.0	-8.5	0.50	0.39	1.0	80	15	10.3	-6.9	0.50	0.56	1.5	80	16	14.7	-5.1	0.50	0.93	2.6	80	19	25	-3.6												

E _{ph} 2.0 keV Q 20 pC maxTaper										E _{ph} 1.5 keV Q 20 pC maxTaper										E _{ph} 1.0 keV Q 20 pC maxTaper										E _{ph} 0.5 keV Q 20 pC maxTaper									
I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀	I _{pk}	N _{ph/pulse}	N _{ph/pulse}	Δt _{FWHM}	σ _{T,20}	θ _{FWHM,∞}	Δz ₀												
[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]	[kA]	[10 ¹²]	[10 ¹²]	[fs]	[μm]	[μrad]	[m]												
4.50	0.34	1.0	4.4	12	10	-5.4	4.5	0.45	1.3	4.4	12	13	-4.4	4.50	0.66	1.9	4.4	13	18	-3.2	4.50	1.1	3.4	4.4	15	31	-2.3												
4.25	0.35	1.0	4.7	12	10	-5.5	4.3	0.46	1.3	4.7	12	13	-4.4	4.25	0.67	2.0	4.7	13	18	-3.3	4.25	1.2	3.5	4.7	15	31	-2.3												
4.00	0.35	1.0	5.0	12	10	-5.5	4.0	0.46	1.3	5.0	12	13	-4.5	4.00	0.68	2.0	5.0	13	18	-3.3	4.00	1.2	3.5	5.0	15	30	-2.4												
3.75	0.36	1.0	5.3	12	9.9	-5.6	3.8	0.47	1.3	5.3	12	13	-4.5	3.75	0.68	2.0	5.3	13	18	-3.3	3.75	1.2	3.5	5.3	15	30	-2.4												
3.50	0.35	1.0	5.7	12	9.8	-5.6	3.5	0.47	1.3	5.7	12	13	-4.6	3.50	0.68	2.0	5.7	13	18	-3.4	3.50	1.2	3.5	5.7	15	30	-2.4												
3.25	0.35	1.0	6.2	12	9.8	-5.7	3.3	0.46	1.3	6.2	12	13	-4.6	3.25	0.68	2.0	6.2	13	18	-3.4	3.25	1.2	3.5	6.2	16	30	-2.4												
3.00	0.35	1.0	6.7	12	9.7	-5.8	3.0	0.46	1.3	6.7	12	12	-4.7	3.00	0.67	2.0	6.7	13	18	-3.4	3.00	1.2	3.5	6.7	16	30	-2.5												
2.75	0.34	1.0	7.3	12	9.6	-5.9	2.8	0.45	1.3	7.3	12	12	-4.7	2.75	0.66	1.9	7.3	13	18	-3.5	2.75	1.1	3.4	7.3	16	29	-2.5												
2.50	0.33	0.93	8.0	12	9.6	-6.0	2.5	0.44	1.2	8.0	13	12	-4.8																										