

	Measured Penumbra (Left) [mm]	Modeled Penumbra (Left) [mm]	Δ (Left) [mm]	Measured Penumbra (Right) [mm]	Modeled Penumbra (Right) [mm]	Δ (Right) [mm]	Measured FWHM [mm]	Modeled FWHM [mm]	Δ FWHM [mm]	Radiation Center Offset [mm]
4mm X	2.96	2.86	0.1	2.89	2.86	0.04	6.22	6.15	0.07	-0.02
4mm Y	3.01	2.87	0.14	2.89	2.86	0.03	6.25	6.15	0.1	-0.16
4mm Z	1.52	1.66	-0.13	1.47	1.61	-0.13	4.98	5.05	-0.08	0.12
8mm X	4.17	3.99	0.18	4.08	4.02	0.06	11.18	11.05	0.14	-0.03
8mm Y	4.14	3.98	0.16	4.05	4.0	0.05	11.16	11.05	0.11	-0.16
8mm Z	2.01	2.31	-0.3	2.23	2.45	-0.21	9.77	9.78	-0.01	0.05
16mm X	9.14	9.15	-0.01	9.07	8.76	0.31	21.76	21.75	0.01	-0.12
16mm Y	9.0	9.03	-0.03	9.0	8.82	0.18	21.26	21.77	-0.51	-0.02
16mm Z	2.82	2.85	-0.03	2.06	2.43	-0.37	17.43	17.42	0.01	0.06

TG-178 Toleraces:

FWHM = 1.2 mm, Center = 0.3 mm, Penumbra = 0.5 mm

