



Leakage Radiation and Superiority of Port-X II

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Test Data Genoray Port-X II

dose rate at end of beam limiting device

length of beam limiting device [cm]	22,5	20
notch of beam limiting device	3,1 x 3,1 cm ²	Ø 6 cm
aperture of beam limiting device [cm ²]	9,61	28,26

time [s]	dose		dose / time	
	[mGy]	[mGy / s]	[mGy]	[mGy / s]
0,05	0,062	1,24	0,075	1,50
0,10	0,121	1,21	0,148	1,48
0,15	0,181	1,21	0,221	1,47
0,20	0,241	1,21	0,295	1,48
0,30	0,360	1,20	0,440	1,47
0,50	0,600	1,20	0,730	1,46
1,00	1,200	1,20	1,460	1,46
average value		1,21		1,47

(dose * area) / time	11,62	41,64
[mGy x cm ² / s]		