

Conversion coefficients from electron fluence to ambient dose equivalent and maximum dose equivalent for mono-energetic electrons.

(A. Ferrari and M. Pelliccioni, Dose Equivalents for Monoenergetic Electrons Incident on the ICRU Sphere, Radiat. Prot. Dos., Vol. 55, No. 3, pag. 207, 1994)

Energy (MeV)	$H^*(10)/\Phi$ (pSv · cm ²)		H_{MAX}/Φ (pSv · cm ²)	
2.5	160	≤1.0%	475	≤ 1.0%
3.0	333	≤ 1.0%	462	≤ 1.0%
4.0	444	≤ 1.0%	453	≤ 1.0%
5.0	421	≤ 1.0%	433	≤ 1.0%
7.0	360	≤ 1.0%		
8.0			401	≤ 1.0%
10	325	1.3%	385	≤ 1.0%
15			373	≤ 1.0%
20	327	≤ 1.0%	354	1.2%
30	318	1.1%	343	1.9%
40	306	1.2%	343	≤ 1.0%
50	310	1.0%	337	1.8%
70	319	1.3%	350	1.1%
100	315	1.3%	362	1.5%
200	323	1.4%	422	1.8%
500	318	1.5%	575	2.2%
1000	308	3.5%	675	1.1%
2000	317	2.2%	821	1.6%
5000	314	1.3%	1000	1.5%
10000	328	2.0%	1160	1.1%