

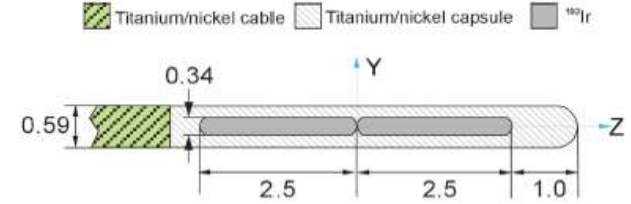
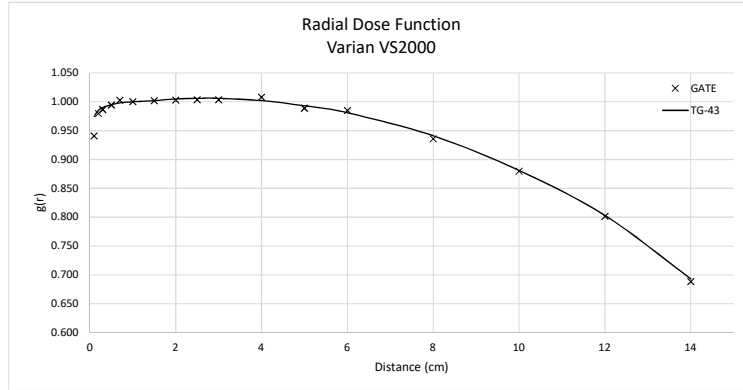
Dose-Rate Constant

GATE	TG-43	%	ABS%
$\Lambda = 1.097 \text{ cGy/(hU)}$	$\Lambda = 1.098 \text{ cGy/(hU)}$	-0.09	0.09

Radial-Dose Function Table

$g(r)$

r(cm)	GATE	TG-43	%	ABS%
0.1	0.941	0.975	-3.51	3.51
0.2	0.980	0.985	-0.54	0.54
0.3	0.987	0.990	-0.34	0.34
0.5	0.994	0.995	-0.07	0.07
0.7	1.003	0.998	0.46	0.46
1	1.000	1.000	0.00	0.00
1.5	1.002	1.002	-0.02	0.02
2	1.003	1.005	-0.22	0.22
2.5	1.003	1.006	-0.27	0.27
3	1.003	1.006	-0.27	0.27
4	1.008	1.002	0.58	0.58
5	0.989	0.993	-0.44	0.44
6	0.985	0.981	0.39	0.39
8	0.936	0.941	-0.55	0.55
10	0.880	0.881	-0.14	0.14
12	0.801	0.803	-0.20	0.20
14	0.688	0.693	-0.68	0.68



Anisotropy Function Table

$F(r, \theta)$

θ (°)	r (cm)				
	F(0.5)	F(1)	F(2)	F(3)	F(5)
0.5	0.558	0.534		0.541	0.644
1.5	0.569	0.551		0.579	0.663
2.5	0.581	0.557		0.590	0.683
3.5	0.621	0.605		0.671	0.703
4.5	0.687	0.659		0.698	0.713
5.5	0.691	0.683		0.721	0.755
7.5	0.705	0.715		0.765	0.806
9.5	0.736	0.761		0.801	0.824
12.5	0.784	0.816		0.840	0.843
14.5	0.832	0.843		0.894	0.858
19.5	0.865	0.913		0.899	0.905
29.5	0.915	0.973		0.937	0.944
39.5	0.933	0.981		0.965	0.972
49.5	0.974	0.986		1.011	0.971
69.5	0.994	0.987		1.028	0.991
89.5	1.000	1.000		1.012	1.000
109.5	1.000	0.995		1.020	0.986
129.5	0.978	0.991		1.021	1.010
139.5	0.956	0.985		0.998	0.987
149.5	0.937	0.944		0.985	0.935
159.5	0.891	0.909		0.924	0.927
164.5	0.851	0.870		0.872	0.842
167.5	0.803	0.813		0.843	0.853
169.5	0.777	0.774		0.823	0.825
172.5	0.726	0.709		0.775	0.753
173.5	0.701	0.673		0.700	0.741
174.5	0.650	0.637		0.680	0.733
175.5	0.601	0.583		0.655	0.713
176.5		0.539		0.598	0.681
177.5				0.541	0.633
178.5				0.430	0.581

TG-43				
F(0.5)	F(1)	F(2)	F(3)	F(5)
0.564	0.530		0.550	0.616
0.574	0.538		0.581	0.642
0.588	0.557		0.601	0.657
0.620	0.591		0.634	0.687
0.646	0.624		0.663	0.706
0.675	0.653		0.690	0.730
0.736	0.721		0.745	0.773
0.787	0.766		0.779	0.808
0.837	0.816		0.821	0.841
0.859	0.843		0.845	0.859
0.905	0.890		0.889	0.901
0.949	0.940		0.938	0.943
0.970	0.966		0.965	0.968
0.985	0.982		0.983	0.982
0.998	0.996		0.997	0.995
1.000	1.001		0.999	1.002
0.995	0.995		0.995	0.998
0.986	0.982		0.984	0.985
0.972	0.968		0.968	0.969
0.952	0.945		0.941	0.947
0.910	0.894		0.896	0.902
0.871	0.854		0.856	0.868
0.836	0.816		0.827	0.843
0.807	0.784		0.793	0.814
0.741	0.726		0.725	0.762
0.702	0.677		0.706	0.741
0.670	0.641		0.671	0.716
0.627	0.594		0.632	0.685
	0.549		0.593	0.646
			0.544	0.611
			0.460	0.544

%				
F(0.5)	F(1)	F(2)	F(3)	F(5)
-1.03	0.74		-1.64	4.57
-0.80	2.48		-0.34	3.27
-1.19	0.00		-1.83	3.95
0.16	2.37		5.84	2.33
6.35	5.61		5.32	1.00
2.37	4.59		4.49	3.42
-4.21	-0.83		2.65	4.21
-6.48	-0.65		2.82	1.98
-6.33	0.00		2.35	0.28
-3.20	0.00		5.76	-0.15
-4.42	2.58		1.07	0.50
-3.58	3.51		-0.08	0.05
-3.84	1.55		0.04	0.39
-1.14	0.41		2.89	-1.14
-0.41	-0.90		3.06	-0.40
0.00	-0.10		1.35	-0.20
0.51	0.00		2.54	-1.16
-0.82	0.92		3.75	2.54
-1.65	1.79		3.06	1.85
-1.58	-0.11		4.63	-1.24
-2.09	1.68		3.13	2.76
-2.28	1.87		1.89	-3.04
-3.95	-0.37		1.93	1.19
-3.72	-1.28		3.85	1.35
-2.02	-0.28		6.90	-1.18
-0.14	-0.59		-0.85	0.00
-2.99	-0.62		1.34	2.37
-4.15	-1.85		3.64	4.15
	-1.82		0.84	5.42
			-0.55	3.60
			-6.52	6.83

ABS %				
F(0.5)	F(1)	F(2)	F(3)	F(5)
1.03	0.74		1.64	4.57
0.80	2.48		0.34	3.27
1.19	0.00		1.83	3.95
0.16	2.37		5.84	2.33
6.35	5.61		5.32	1.00
2.37	4.59		4.49	3.42
4.21	0.83		2.65	4.21
6.48	0.65		2.82	1.98
6.33	0.00		2.35	0.28
3.20	0.00		5.76	0.15
4.42	2.58		1.07	0.50
3.58	3.51		0.08	0.05
3.84	1.55		0.04	0.39
1.14	0.41		2.89	1.14
0.41	0.90		3.06	0.40
0.00	0.10		1.35	0.20
0.51	0.00		2.54	1.16
0.82	0.92		3.75	2.54
1.65	1.79		3.06	1.85
1.58	0.11		4.63	1.24
2.09	1.68		3.13	2.76
2.28	1.87		1.89	3.04
3.95	0.37		1.93	1.19
3.72	1.28		3.85	1.35
2.02	0.28		6.90	1.18
0.14	0.59		0.85	0.00
2.99	0.62		1.34	2.37
4.15	1.85		3.64	4.15
	1.82		0.84	5.42
			0.55	3.60
			6.52	6.83