

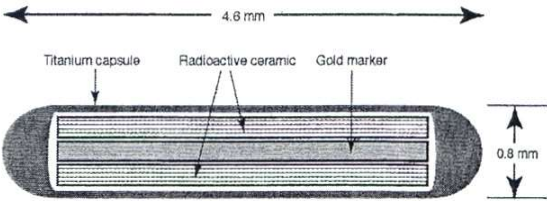
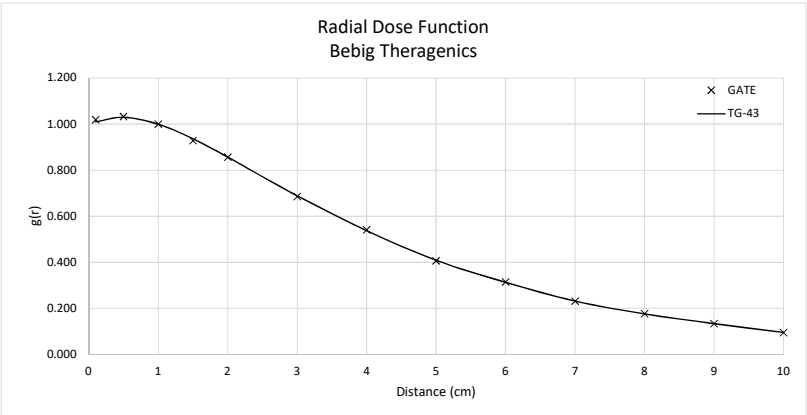
Dose-Rate Constant

GATE		TG-43	%	ABS%
Λ =	1.012 cGy/(hU)	Λ = 1.012 cGy/(hU)	0.00	0.00

Radial-Dose Function Table

$g(r)$

r(cm)	GATE	TG-43	%	ABS %
0.1	1.019	1.01	0.92	0.92
0.5	1.033	1.03	0.27	0.27
1	1.000	1	0.00	0.00
1.5	0.928	0.937	-0.95	0.95
2	0.856	0.857	-0.08	0.08
3	0.686	0.689	-0.49	0.49
4	0.541	0.538	0.55	0.55
5	0.406	0.409	-0.67	0.67
6	0.315	0.313	0.54	0.54
7	0.231	0.232	-0.35	0.35
8	0.177	0.176	0.58	0.58
9	0.134	0.134	0.08	0.08
10	0.095	0.0957	-0.72	0.72



Bebig model I25.S06 source

Anisotropy Function Table

$F(r,\theta)$

θ (°)	r (cm)				
	F(0.5)	F(1)	F(2)	F(3)	F(5)
0	0.447	0.500	0.557	0.611	0.726
5	0.468	0.523	0.582	0.649	0.657
10	0.542	0.600	0.684	0.693	0.759
20	0.736	0.744	0.805	0.822	0.849
30	0.909	0.884	0.898	0.895	0.922
40	0.950	0.929	0.931	0.883	1.003
50	0.998	0.958	0.949	0.962	0.949
60	1.019	1.002	0.937	0.973	0.976
70	0.986	0.967	0.951	0.981	1.007
80	0.994	0.962	1.002	0.984	0.947

TG-43				
F(0.5)	F(1)	F(2)	F(3)	F(5)
0.429	0.512	0.579	0.610	0.649
0.436	0.509	0.576	0.610	0.651
0.476	0.557	0.622	0.651	0.689
0.686	0.721	0.757	0.771	0.790
0.820	0.828	0.846	0.857	0.867
0.897	0.898	0.907	0.908	0.918
0.946	0.942	0.947	0.944	0.949
0.974	0.970	0.974	0.967	0.967
0.989	0.988	0.990	0.984	0.987
0.998	0.998	1.000	0.994	0.993

%				
F(0.5)	F(1)	F(2)	F(3)	F(5)
4.19	-2.41	-3.86	0.17	11.81
7.37	2.78	0.99	6.42	0.93
13.86	7.75	9.99	6.53	10.22
7.36	3.21	6.34	6.66	7.51
10.87	6.72	6.11	4.44	6.40
5.91	3.48	2.64	-2.73	9.24
5.53	1.66	0.20	1.92	0.00
4.59	3.33	-3.76	0.65	0.98
-0.33	-2.16	-3.94	-0.29	2.03
-0.38	-3.58	0.25	-1.02	-4.61

ABS %				
F(0.5)	F(1)	F(2)	F(3)	F(5)
4.19	2.41	3.86	0.17	11.81
7.37	2.78	0.99	6.42	0.93
13.86	7.75	9.99	6.53	10.22
7.36	3.21	6.34	6.66	7.51
10.87	6.72	6.11	4.44	6.40
5.91	3.48	2.64	2.73	9.24
5.53	1.66	0.20	1.92	0.00
4.59	3.33	3.76	0.65	0.98
0.33	2.16	3.94	0.29	2.03
0.38	3.58	0.25	1.02	4.61

AVG	6.04	3.71	3.81	3.08	5.37	4.40
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