2002 UD-802 Response Data from Panasonic
From 'algotestdata.xls'
average response relative to shallow dose, normalized to Cs E2 and E3

Field	keV	E1	E2	E3	E4	sdE1	sdE2	sdE3	SdE4
M30	20	0.733	0.607	9.976	0.440	0.040	0.013	0.364	0.012
L40	23	0.745	0.664	11.044	0.648	0.025	0.029	0.175	0.032
H30	24	0.804	0.776	13.401	1.036	0.037	0.031	0.115	0.045
M40	25	0.757	0.719	12.154	0.859	0.057	0.042	0.307	0.032
LK30	26	0.791	0.765	13.316	1.067	0.017	0.014	0.502	0.030
L50	28	0.793	0.716	11.823	0.865	0.018	0.030	0.327	0.046
M50	29	0.793	0.769	12.896	1.012	0.019	0.025	0.181	0.023
LK35	30	0.830	0.801	13.355	1.354	0.046	0.011	0.628	0.043
H40	33	0.863	0.836	14.044	1.613	0.045	0.033	0.364	0.054
NS40	33	0.860	0.829	13.873	1.460	0.013	0.026	0.369	0.038
M60	35	0.824	0.815	12.778	1.225	0.023	0.013	0.502	0.036
HK60	36	0.776	0.800	12.777	1.429	0.033	0.032	0.574	0.064
S60	38	0.806	0.798	12.451	1.435	0.032	0.023	0.327	0.060
H50	39	0.798	0.799	12.551	1.660	0.036	0.035	0.505	0.113
S75	40	0.820	0.832	12.595	1.281	0.036	0.038	0.641	0.042
WS60	44	0.801	0.792	11.394	1.691	0.034	0.013	0.517	0.130
H60	47	0.801	0.788	10.735	1.718	0.023	0.027	0.414	0.103
LK55	47	0.809	0.782	10.884	1.634	0.049	0.038	0.283	0.106
L100	48	0.794	0.793	11.535	1.434	0.064	0.030	0.354	0.040
M100	53	0.809	0.792	10.606	1.601	0.034	0.026	0.221	0.009
WS80	56	0.759	0.749	9.075	1.618	0.057	0.022	0.318	0.112
HK100	57	0.771	0.747	9.711	1.625	0.052	0.033	0.308	0.075
Am-241	60	0.783	0.809	8.617	1.657	0.044	0.025	0.154	0.073
LK70	60	0.737	0.761	8.089	1.611	0.039	0.018	0.372	0.087
M150	73	0.811	0.778	7.095	1.502	0.036	0.039	0.313	0.076
WS110	79	0.749	0.758	5.387	1.467	0.037	0.045	0.356	0.090
H100	83	0.772	0.756	4.920	1.449	0.016	0.030	0.226	0.031
LK100	86	0.752	0.754	4.751	1.332	0.033	0.029	0.192	0.056
M200	100	0.793	0.840	4.054	1.261	0.033	0.037	0.146	0.034
NS120	100	0.804	0.782	3.654	1.084	0.036	0.010	0.080	0.066
LK125	109	0.730	0.742	3.714	1.019	0.034	0.028	0.222	0.050
H150	118	0.748	0.768	2.808	1.018	0.035	0.014	0.117	0.023
HK250	120	0.799	0.781	3.132	1.107	0.024	0.027	0.041	0.031
WS200	137	0.778	0.759	2.173	0.979	0.048	0.046	0.080	0.021
M250	139	0.834	0.839	2.365	1.047	0.036	0.015	0.097	0.058
HK300	145	0.801	0.784	2.240	1.019	0.027	0.030	0.090	0.031
LK170	148	0.791	0.793	3.232	1.130	0.025	0.025	0.151	0.062
H200	162	0.817	0.791	1.884	0.950	0.027	0.022	0.043	0.029
NS200	164	0.873	0.827	1.831	0.952	0.034	0.024	0.024	0.017
WS250	172	0.793	0.816	1.734	0.942	0.040	0.040	0.064	0.027
LK210	185	0.813	0.796	3.515	1.152	0.032	0.022	0.066	0.055
H250	204	0.858	0.865	1.615	0.925	0.022	0.035	0.022	0.040
M300	206	0.892	0.864	1.451	0.938	0.051	0.020	0.047	0.051
LK240	213	0.871	0.836	4.176	1.234	0.022	0.066	0.234	0.022
H300	251	0.849	0.885	1.660	0.963	0.020	0.026	0.055	0.027
Cs-137	662	0.977	1.000	1.000	1.046	0.014	0.053	0.036	0.042
Co-60	1250	0.848	0.974	0.880	0.895	0.035	0.037	0.016	0.014
Sr 90	Beta	1.082	0.416	0.327	0.022	0.037	0.024	0.018	0.002
Tl 204	Beta	0.675	0.002	0.002	0.000	0.018	0.005	0.001	0.001
Cf mod	neut	1.839	1.973	0.200	0.172	0.137	0.061	0.007	0.008
Cf unmod	neut	0.263	0.274	0.066	0.056	0.011	0.021	0.003	0.002

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Response of the UD-802
Whole Body Dosimeter to Photon Fields

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