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THE BLAST WITH GAMMA YIELD OF 1.000E+00 KILOTONS
IS AT AN ALTITUDE OF 1.000E+02 KILOMETERS.

THE TARGET IS AT COORDINATES 0.000E+00 0.000E+00 0.000E+00
WHICH IS 1.000E+05 METERS FROM THE BURST

DIRECT WAVE IS BEING CALCULATED

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I = 1	TIME = 0.1 SHAKES	E(T,RMAX) = 1.257E+05 VOLTS/METER	SIGMA = 1.809E-06 MHO/METER
I = 2	TIME = 0.2 SHAKES	E(T,RMAX) = 6.859E+04 VOLTS/METER	SIGMA = 3.956E-06 MHO/METER
I = 3	TIME = 0.3 SHAKES	E(T,RMAX) = 4.752E+04 VOLTS/METER	SIGMA = 6.499E-06 MHO/METER
I = 4	TIME = 0.4 SHAKES	E(T,RMAX) = 3.757E+04 VOLTS/METER	SIGMA = 9.508E-06 MHO/METER
I = 5	TIME = 0.5 SHAKES	E(T,RMAX) = 3.190E+04 VOLTS/METER	SIGMA = 1.307E-05 MHO/METER
I = 6	TIME = 0.6 SHAKES	E(T,RMAX) = 2.829E+04 VOLTS/METER	SIGMA = 1.727E-05 MHO/METER
I = 7	TIME = 0.7 SHAKES	E(T,RMAX) = 2.580E+04 VOLTS/METER	SIGMA = 2.221E-05 MHO/METER
I = 8	TIME = 0.8 SHAKES	E(T,RMAX) = 2.400E+04 VOLTS/METER	SIGMA = 2.803E-05 MHO/METER
I = 9	TIME = 0.9 SHAKES	E(T,RMAX) = 2.262E+04 VOLTS/METER	SIGMA = 3.482E-05 MHO/METER
I = 10	TIME = 1.0 SHAKES	E(T,RMAX) = 2.153E+04 VOLTS/METER	SIGMA = 4.270E-05 MHO/METER
I = 11	TIME = 1.1 SHAKES	E(T,RMAX) = 2.060E+04 VOLTS/METER	SIGMA = 5.175E-05 MHO/METER
I = 12	TIME = 1.2 SHAKES	E(T,RMAX) = 1.978E+04 VOLTS/METER	SIGMA = 6.200E-05 MHO/METER
I = 13	TIME = 1.3 SHAKES	E(T,RMAX) = 1.898E+04 VOLTS/METER	SIGMA = 7.339E-05 MHO/METER
I = 14	TIME = 1.4 SHAKES	E(T,RMAX) = 1.816E+04 VOLTS/METER	SIGMA = 8.577E-05 MHO/METER
I = 15	TIME = 1.5 SHAKES	E(T,RMAX) = 1.728E+04 VOLTS/METER	SIGMA = 9.888E-05 MHO/METER
I = 16	TIME = 1.6 SHAKES	E(T,RMAX) = 1.630E+04 VOLTS/METER	SIGMA = 1.124E-04 MHO/METER
I = 17	TIME = 1.7 SHAKES	E(T,RMAX) = 1.519E+04 VOLTS/METER	SIGMA = 1.259E-04 MHO/METER
I = 18	TIME = 1.8 SHAKES	E(T,RMAX) = 1.397E+04 VOLTS/METER	SIGMA = 1.389E-04 MHO/METER
I = 19	TIME = 1.9 SHAKES	E(T,RMAX) = 1.262E+04 VOLTS/METER	SIGMA = 1.513E-04 MHO/METER
I = 20	TIME = 2.0 SHAKES	E(T,RMAX) = 1.118E+04 VOLTS/METER	SIGMA = 1.626E-04 MHO/METER
I = 21	TIME = 2.1 SHAKES	E(T,RMAX) = 9.677E+03 VOLTS/METER	SIGMA = 1.726E-04 MHO/METER
I = 22	TIME = 2.2 SHAKES	E(T,RMAX) = 8.176E+03 VOLTS/METER	SIGMA = 1.812E-04 MHO/METER
I = 23	TIME = 2.3 SHAKES	E(T,RMAX) = 6.742E+03 VOLTS/METER	SIGMA = 1.885E-04 MHO/METER
I = 24	TIME = 2.4 SHAKES	E(T,RMAX) = 5.434E+03 VOLTS/METER	SIGMA = 1.944E-04 MHO/METER
I = 25	TIME = 2.5 SHAKES	E(T,RMAX) = 4.297E+03 VOLTS/METER	SIGMA = 1.992E-04 MHO/METER
I = 26	TIME = 2.6 SHAKES	E(T,RMAX) = 3.346E+03 VOLTS/METER	SIGMA = 2.029E-04 MHO/METER
I = 27	TIME = 2.7 SHAKES	E(T,RMAX) = 2.577E+03 VOLTS/METER	SIGMA = 2.058E-04 MHO/METER

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44	I = 28	TIME = 2.8 SHAKES	E(T,RMAX) = 1.970E+03 VOLTS/METER	SIGMA = 2.080E-04 MHO/METER
45	I = 29	TIME = 2.9 SHAKES	E(T,RMAX) = 1.498E+03 VOLTS/METER	SIGMA = 2.097E-04 MHO/METER
46	I = 30	TIME = 3.0 SHAKES	E(T,RMAX) = 1.136E+03 VOLTS/METER	SIGMA = 2.110E-04 MHO/METER
47	I = 31	TIME = 3.1 SHAKES	E(T,RMAX) = 8.599E+02 VOLTS/METER	SIGMA = 2.120E-04 MHO/METER
48	I = 32	TIME = 3.2 SHAKES	E(T,RMAX) = 6.501E+02 VOLTS/METER	SIGMA = 2.127E-04 MHO/METER
49	I = 33	TIME = 3.3 SHAKES	E(T,RMAX) = 4.913E+02 VOLTS/METER	SIGMA = 2.133E-04 MHO/METER
50	I = 34	TIME = 3.4 SHAKES	E(T,RMAX) = 3.711E+02 VOLTS/METER	SIGMA = 2.137E-04 MHO/METER
51	I = 35	TIME = 3.5 SHAKES	E(T,RMAX) = 2.803E+02 VOLTS/METER	SIGMA = 2.140E-04 MHO/METER
52	I = 36	TIME = 3.6 SHAKES	E(T,RMAX) = 2.118E+02 VOLTS/METER	SIGMA = 2.143E-04 MHO/METER
53	I = 37	TIME = 3.7 SHAKES	E(T,RMAX) = 1.600E+02 VOLTS/METER	SIGMA = 2.145E-04 MHO/METER
54	I = 38	TIME = 3.8 SHAKES	E(T,RMAX) = 1.209E+02 VOLTS/METER	SIGMA = 2.146E-04 MHO/METER
55	I = 39	TIME = 3.9 SHAKES	E(T,RMAX) = 9.132E+01 VOLTS/METER	SIGMA = 2.147E-04 MHO/METER
56	I = 40	TIME = 4.0 SHAKES	E(T,RMAX) = 6.900E+01 VOLTS/METER	SIGMA = 2.148E-04 MHO/METER
57	I = 41	TIME = 4.1 SHAKES	E(T,RMAX) = 5.214E+01 VOLTS/METER	SIGMA = 2.149E-04 MHO/METER
58	I = 42	TIME = 4.2 SHAKES	E(T,RMAX) = 3.940E+01 VOLTS/METER	SIGMA = 2.149E-04 MHO/METER
59	I = 43	TIME = 4.3 SHAKES	E(T,RMAX) = 2.977E+01 VOLTS/METER	SIGMA = 2.149E-04 MHO/METER
60	I = 44	TIME = 4.4 SHAKES	E(T,RMAX) = 2.250E+01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
61	I = 45	TIME = 4.5 SHAKES	E(T,RMAX) = 1.700E+01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
62	I = 46	TIME = 4.6 SHAKES	E(T,RMAX) = 1.285E+01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
63	I = 47	TIME = 4.7 SHAKES	E(T,RMAX) = 9.711E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
64	I = 48	TIME = 4.8 SHAKES	E(T,RMAX) = 7.339E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
65	I = 49	TIME = 4.9 SHAKES	E(T,RMAX) = 5.547E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
66	I = 50	TIME = 5.0 SHAKES	E(T,RMAX) = 4.192E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
67	I = 51	TIME = 5.1 SHAKES	E(T,RMAX) = 3.168E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
68	I = 52	TIME = 5.2 SHAKES	E(T,RMAX) = 2.394E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
69	I = 53	TIME = 5.3 SHAKES	E(T,RMAX) = 1.810E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
70	I = 54	TIME = 5.4 SHAKES	E(T,RMAX) = 1.368E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
71	I = 55	TIME = 5.5 SHAKES	E(T,RMAX) = 1.034E+00 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
72	I = 56	TIME = 5.6 SHAKES	E(T,RMAX) = 7.812E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
73	I = 57	TIME = 5.7 SHAKES	E(T,RMAX) = 5.904E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
74	I = 58	TIME = 5.8 SHAKES	E(T,RMAX) = 4.462E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
75	I = 59	TIME = 5.9 SHAKES	E(T,RMAX) = 3.373E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
76	I = 60	TIME = 6.0 SHAKES	E(T,RMAX) = 2.549E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
77	I = 61	TIME = 6.1 SHAKES	E(T,RMAX) = 1.926E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
78	I = 62	TIME = 6.2 SHAKES	E(T,RMAX) = 1.456E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
79	I = 63	TIME = 6.3 SHAKES	E(T,RMAX) = 1.100E-01 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
80	I = 64	TIME = 6.4 SHAKES	E(T,RMAX) = 8.317E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
81	I = 65	TIME = 6.5 SHAKES	E(T,RMAX) = 6.286E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
82	I = 66	TIME = 6.6 SHAKES	E(T,RMAX) = 4.751E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
83	I = 67	TIME = 6.7 SHAKES	E(T,RMAX) = 3.590E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
84	I = 68	TIME = 6.8 SHAKES	E(T,RMAX) = 2.714E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
85	I = 69	TIME = 6.9 SHAKES	E(T,RMAX) = 2.051E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
86	I = 70	TIME = 7.0 SHAKES	E(T,RMAX) = 1.550E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER

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87	I = 71	TIME = 7.1 SHAKES	E(T,RMAX) = 1.171E-02 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
88	I = 72	TIME = 7.2 SHAKES	E(T,RMAX) = 8.854E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
89	I = 73	TIME = 7.3 SHAKES	E(T,RMAX) = 6.692E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
90	I = 74	TIME = 7.4 SHAKES	E(T,RMAX) = 5.057E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
91	I = 75	TIME = 7.5 SHAKES	E(T,RMAX) = 3.822E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
92	I = 76	TIME = 7.6 SHAKES	E(T,RMAX) = 2.889E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
93	I = 77	TIME = 7.7 SHAKES	E(T,RMAX) = 2.183E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
94	I = 78	TIME = 7.8 SHAKES	E(T,RMAX) = 1.650E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
95	I = 79	TIME = 7.9 SHAKES	E(T,RMAX) = 1.247E-03 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
96	I = 80	TIME = 8.0 SHAKES	E(T,RMAX) = 9.426E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
97	I = 81	TIME = 8.1 SHAKES	E(T,RMAX) = 7.124E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
98	I = 82	TIME = 8.2 SHAKES	E(T,RMAX) = 5.384E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
99	I = 83	TIME = 8.3 SHAKES	E(T,RMAX) = 4.069E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
100	I = 84	TIME = 8.4 SHAKES	E(T,RMAX) = 3.075E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
101	I = 85	TIME = 8.5 SHAKES	E(T,RMAX) = 2.324E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
102	I = 86	TIME = 8.6 SHAKES	E(T,RMAX) = 1.757E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
103	I = 87	TIME = 8.7 SHAKES	E(T,RMAX) = 1.328E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
104	I = 88	TIME = 8.8 SHAKES	E(T,RMAX) = 1.003E-04 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
105	I = 89	TIME = 8.9 SHAKES	E(T,RMAX) = 7.584E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
106	I = 90	TIME = 9.0 SHAKES	E(T,RMAX) = 5.732E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
107	I = 91	TIME = 9.1 SHAKES	E(T,RMAX) = 4.332E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
108	I = 92	TIME = 9.2 SHAKES	E(T,RMAX) = 3.274E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
109	I = 93	TIME = 9.3 SHAKES	E(T,RMAX) = 2.474E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
110	I = 94	TIME = 9.4 SHAKES	E(T,RMAX) = 1.870E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
111	I = 95	TIME = 9.5 SHAKES	E(T,RMAX) = 1.413E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
112	I = 96	TIME = 9.6 SHAKES	E(T,RMAX) = 1.068E-05 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
113	I = 97	TIME = 9.7 SHAKES	E(T,RMAX) = 8.074E-06 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
114	I = 98	TIME = 9.8 SHAKES	E(T,RMAX) = 6.102E-06 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
115	I = 99	TIME = 9.9 SHAKES	E(T,RMAX) = 4.612E-06 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
116	I = 100	TIME = 10.0 SHAKES	E(T,RMAX) = 3.485E-06 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
117	I = 101	TIME = 11.0 SHAKES	E(T,RMAX) = 2.120E-07 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
118	I = 102	TIME = 12.0 SHAKES	E(T,RMAX) = 1.289E-08 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
119	I = 103	TIME = 13.0 SHAKES	E(T,RMAX) = 7.838E-10 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
120	I = 104	TIME = 14.0 SHAKES	E(T,RMAX) = 4.766E-11 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
121	I = 105	TIME = 15.0 SHAKES	E(T,RMAX) = 2.898E-12 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
122	I = 106	TIME = 16.0 SHAKES	E(T,RMAX) = 1.762E-13 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
123	I = 107	TIME = 17.0 SHAKES	E(T,RMAX) = 1.072E-14 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
124	I = 108	TIME = 18.0 SHAKES	E(T,RMAX) = 6.517E-16 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
125	I = 109	TIME = 19.0 SHAKES	E(T,RMAX) = 3.963E-17 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER
126	I = 110	TIME = 20.0 SHAKES	E(T,RMAX) = 2.410E-18 VOLTS/METER	SIGMA = 2.150E-04 MHO/METER

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129 ITERATION TERMINATED AFTER 2.0000E+01 SHAKES

PEAK OCCURRED AT 1.0000E-01 SHAKES Step Number: 1* * * * *
* PEAK EFFIELD AT TARGET IS 1.005E+05 VOLTS/METER *
* * * * *

TIMES USED (IN SHAKES) ARE

145	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
146	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00
147	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00
148	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00
149	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	5.00
150	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00
151	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00
152	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	8.00
153	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	9.00
154	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	10.00
155	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00

EFFIELD VALUES AT TARGET (IN V/M) ARE

163	1.005E+05 ✓	5.487E+04	3.801E+04	3.006E+04	2.552E+04	2.263E+04	2.064E+04	1.920E+04	1.810E+04	1.722E+04
164	1.648E+04	1.582E+04	1.518E+04	1.453E+04	1.382E+04	1.304E+04	1.216E+04	1.117E+04	1.010E+04	8.942E+03
165	7.741E+03	6.541E+03	5.393E+03	4.348E+03	3.438E+03	2.677E+03	2.062E+03	1.576E+03	1.199E+03	9.089E+02
166	6.879E+02	5.201E+02	3.930E+02	2.969E+02	2.243E+02	1.694E+02	1.280E+02	9.669E+01	7.305E+01	5.520E+01
167	4.171E+01	3.152E+01	2.382E+01	1.800E+01	1.360E+01	1.028E+01	7.769E+00	5.871E+00	4.437E+00	3.354E+00
168	2.535E+00	1.916E+00	1.448E+00	1.094E+00	8.269E-01	6.250E-01	4.723E-01	3.570E-01	2.698E-01	2.039E-01
169	1.541E-01	1.165E-01	8.803E-02	6.653E-02	5.029E-02	3.800E-02	2.872E-02	2.171E-02	1.641E-02	1.240E-02
170	9.372E-03	7.083E-03	5.353E-03	4.046E-03	3.058E-03	2.311E-03	1.747E-03	1.320E-03	9.977E-04	7.541E-04
171	5.699E-04	4.307E-04	3.255E-04	2.460E-04	1.859E-04	1.405E-04	1.062E-04	8.028E-05	6.067E-05	4.585E-05
172	3.466E-05	2.619E-05	1.980E-05	1.496E-05	1.131E-05	8.546E-06	6.459E-06	4.882E-06	3.689E-06	2.788E-06
173	1.696E-07	1.031E-08	6.270E-10	3.813E-11	2.319E-12	1.410E-13	8.574E-15	5.214E-16	3.171E-17	1.928E-18