frequency [GHz]	Gen.	x [m]	y [m]	z [m]	Ex-real [V/m]	Ex-imag [V/m]	Ey-real [V/m]	Ey-imag [V/m]	Ez-real [V/m]	Ez-imag [V/m]	Hx-real [A/m]	Hx-imag [A/m]	Hy-real [A/m]	Hy-imag [A/m]	Hz-real [A/m]	Hz-imag [A/m]
3	1	0.009756	0.1756	0.32	0.03417	0.01126	0.3111	1.888	-0.6929	-1.666	-0.001826	-0.006573	0.0001817	0.0001576	2.506E-0005	0.0001438
3	1	0.009756	0.1854	0.32	0.03397	-0.002517	0.933	1.446	-1.222	-1.189	-0.003977	-0.004871	0.0002118	7.155E-0005	6.376E-0005	0.0001094
3	1	0.009756	0.1951	0.32	0.02854	-0.01482	1.301	0.8448	-1.509	-0.5601	-0.005202	-0.002583	0.0002068	-1.57E-0005	8.577E-0005	6.896E-0005
3	1	0.01951	-0.1951	0.32	-0.05525	0.0275	1.298	0.7841	1.513	0.4956	-0.005187	-0.002352	-0.0004062	3.689E-0005	0.0001709	0.0001241
3	1	0.01951	-0.1854	0.32	-0.06547	0.003455	0.9557	1.385	1.251	1.129	-0.004057	-0.004641	-0.0004188	-0.0001352	0.000132	0.0002042
3	1	0.01951	-0.1756	0.32	-0.06543	-0.02343	0.3591	1.837	0.7452	1.619	-0.001996	-0.006381	-0.0003618	-0.0003064	6.007E-0005	0.0002741
3	1	0.01951	-0.1659	0.32	-0.05489	-0.04883	-0.4243	2.043	0.07355	1.881	0.000723	-0.00723	-0.0002405	-0.0004492	-4.23E-0005	0.0003215
3	1	0.01951	-0.1561	0.32	-0.03538	-0.06882	-1.293	1.939	-0.66	1.871	0.003715	-0.006983	-7.046E-0005	-0.0005414	-0.000168	0.0003351
3	1	0.01951	-0.1463	0.32	-0.009796	-0.08055	-2.128	1.503	-1.347	1.592	0.006554	-0.005603	0.0001255	-0.0005688	-0.0003062	0.0003064
3	1	0.01951	-0.1366	0.32	0.01819	-0.08264	-2.812	0.7606	-1.891	1.088	0.008841	-0.003215	0.0003217	-0.0005279	-0.0004435	0.0002309
3	1	0.01951	-0.1268	0.32	0.04486	-0.07531	-3.25	-0.2241	-2.228	0.4361	0.01027	-7.685E-0005	0.0004938	-0.0004252	-0.0005655	0.0001088
3	1	0.01951	-0.1171	0.32	0.06706	-0.06014	-3.374	-1.358	-2.328	-0.2736	0.01064	0.003472	0.0006228	-0.0002756	-0.0006588	-5.488E-0005
3	1	0.01951	-0.1073	0.32	0.08263	-0.03966	-3.16	-2.536	-2.201	-0.95	0.009938	0.007069	0.0006975	-9.964E-0005	-0.0007128	-0.000251
3	1	0.01951	-0.09756	0.32	0.09062	-0.01685	-2.623	-3.655	-1.89	-1.518	0.008239	0.01038	0.000715	8.075E-0005	-0.0007207	-0.0004672
3	1	0.01951	-0.0878	0.32	0.09123	0.005395	-1.812	-4.63	-1.455	-1.927	0.005742	0.01316	0.0006807	0.0002451	-0.0006809	-0.0006902
3	1	0.01951	-0.07805	0.32	0.0856	0.02467	-0.8011	-5.404	-0.968	-2.153	0.002707	0.01525	0.0006061	0.0003772	-0.000597	-0.0009067
3	1	0.01951	-0.06829	0.32	0.07543	0.03929	0.3236	-5.951	-0.4977	-2.2	-0.0005852	0.01661	0.0005057	0.0004667	-0.0004769	-0.001106
3	1	0.01951	-0.05854	0.32	0.06263	0.04839	1.473	-6.277	-0.0991	-2.09	-0.00387	0.01729	0.0003952	0.000509	-0.0003323	-0.001279
3	1	0.01951	-0.04878	0.32	0.04897	0.05183	2.567	-6.413	0.1905	-1.86	-0.006923	0.01741	0.0002881	0.0005051	-0.000177	-0.001422
3	1	0.01951	-0.03902	0.32	0.03583	0.05005	3.538	-6.41	0.3542	-1.545	-0.009575	0.01716	0.0001944	0.0004601	-2.54E-0005	-0.001534
3	1	0.01951	-0.02927	0.32	0.02408	0.0439	4.337	-6.325	0.3939	-1.181	-0.01171	0.01672	0.0001194	0.0003813	0.0001087	-0.001616
3	1	0.01951	-0.01951	0.32	0.01403	0.03441	4.927	-6.217	0.3273	-0.7924	-0.01327	0.01626	6.382E-0005	0.0002773	0.0002135	-0.001671
3	1	0.01951	-0.009756	0.32	0.005502	0.02266	5.287	-6.131	0.1838	-0.3947	-0.0142	0.01593	2.395E-0005	0.0001568	0.00028	-0.001703
3	1	0.01951	2.776E-0017	0.32	-0.002051	0.009749	5.407	-6.1	0.0002743	0.005016	-0.01451	0.01581	-6.887E-0006	2.792E-0005	0.0003026	-0.001714

```
       3               1       0.01951    0.009756      0.32     -0.009373      -0.003259        5.282        -
6.134         -0.183          0.4046       -0.01419       0.01593       -3.708E-0005   -0.0001012
0.0002793      -0.001706
       3               1       0.01951     0.01951      0.32      -0.01723       -0.01531        4.917        -
6.221         -0.3257         0.8019       -0.01324       0.01627       -7.506E-0005   -0.0002227
0.0002119      -0.001676
       3               1       0.01951     0.02927      0.32      -0.02621       -0.02534        4.323        -
6.331         -0.3911          1.19        -0.01167       0.01674       -0.0001277     -0.0003282
0.000106       -0.001622
       3               1       0.01951     0.03902      0.32      -0.03658       -0.03229        3.521        -
6.416         -0.35            1.553       -0.009522      0.01718       -0.0001988     -0.0004093
-2.941E-0005   -0.001542
       3               1       0.01951     0.04878      0.32      -0.04813       -0.03514        2.546        -
6.419         -0.185           1.866       -0.00686       0.01743       -0.0002881     -0.0004574
-0.0001824     -0.001431
       3               1       0.01951     0.05854      0.32      -0.06014       -0.03309        1.449        -
6.281          0.1057          2.094       -0.0038        0.0173        -0.0003905     -0.0004652
-0.0003393     -0.001288
       3               1       0.01951     0.06829      0.32      -0.07135       -0.02568        0.2977       -
5.953          0.5048          2.201       -0.0005101     0.01661       -0.0004966     -0.0004276
-0.0004855     -0.001115
       3               1       0.01951     0.07805      0.32      -0.08012       -0.01301       -0.8278        -
5.403          0.975           2.152        0.002784      0.01524       -0.0005929     -0.0003435
-0.000607      -0.0009145
       3               1       0.01951      0.0878      0.32      -0.08465        0.004129      -1.839         -
4.625          1.461           1.924        0.005817      0.01314       -0.0006644     -0.0002173
-0.0006921     -0.0006964
       3               1       0.01951     0.09756      0.32      -0.08333        0.02414       -2.649         -
3.646          1.895           1.515        0.008308      0.01036       -0.0006965     -5.915E-0005
-0.0007326     -0.0004714
       3               1       0.01951      0.1073      0.32      -0.07505        0.04472       -3.184         -
2.524          2.205           0.9461       0.009999      0.007033      -0.000678       0.0001151
-0.0007249     -0.0002528
       3               1       0.01951      0.1171      0.32      -0.05962        0.0631        -3.394         -
1.344          2.33            0.2698       0.0107         0.003429      -0.0006036      0.0002853
-0.0006707     -5.435E-0005
       3               1       0.01951      0.1268      0.32      -0.03795        0.0764        -3.267         -
0.2072         2.229          -0.4392       0.01031       -0.0001237     -0.0004759      0.0004296
-0.0005764      0.0001117
       3               1       0.01951      0.1366      0.32      -0.01211        0.08217       -2.826
0.7796          1.892         -1.091        0.008873      -0.003265      -0.000306       0.0005281
-0.0004529      0.0002358
       3               1       0.01951      0.1463      0.32       0.01483        0.07887       -2.137
1.524          1.348          -1.594        0.006577      -0.005654      -0.0001126      0.0005658
-0.0003137      0.0003129
       3               1       0.01951      0.1561      0.32       0.03926        0.0663        -1.298
1.961          0.6629         -1.874        0.003729      -0.007036       8.036E-0005    0.0005362
-0.0001733      0.0003427
       3               1       0.01951      0.1659      0.32       0.05759        0.04582       -0.4246
2.065         -0.06996        -1.885        0.0007276     -0.007283       0.0002474      0.0004429
-4.526E-0005    0.0003297
       3               1       0.01951      0.1756      0.32       0.067          0.02025        0.364
1.858         -0.7416         -1.624       -0.002002      -0.006434       0.000366       0.0002998
5.948E-0005     0.0002823
       3               1       0.01951      0.1854      0.32       0.06602       -0.006537       0.9658
1.404         -1.249          -1.136       -0.004076      -0.004692       0.0004207      0.0001291
0.0001337       0.0002117
       3               1       0.01951      0.1951      0.32       0.05492       -0.03026        1.312
0.7989        -1.513          -0.5049      -0.005219      -0.002398       0.0004064     -4.228E-0005
0.0001744       0.0001303
       3               1       0.02927     -0.1951      0.32      -0.0777         0.04286        1.313
0.7085         1.515           0.4053      -0.005202      -0.00205       -0.0005908      8.188E-0005
0.0002623       0.0001678
       3               1       0.02927     -0.1854      0.32      -0.09367        0.008934       1.006
1.314          1.292           1.04        -0.004205      -0.004344      -0.0006203     -0.0001683
0.0002119       0.000289
       3               1       0.02927     -0.1756      0.32      -0.09506       -0.02955        0.443
1.785          0.8217          1.548       -0.002273      -0.006144      -0.0005484     -0.0004212
0.0001118       0.0003978
       3               1       0.02927     -0.1659      0.32      -0.08134       -0.0664        -0.3137
2.024          0.1781          1.841        0.0003419     -0.007104      -0.0003812     -0.0006369
-3.483E-0005    0.0004757
       3               1       0.02927     -0.1561      0.32      -0.05456       -0.09593       -1.168
1.964         -0.5401          1.871        0.003274      -0.007008      -0.0001401     -0.0007817
-0.0002184      0.0005058
```

```
3          1      0.02927   -0.1463    0.32    -0.01875     -0.1139      -2.004
1.579     -1.226       1.635      0.006109      -0.0058       0.0001425     -0.0008341
-0.0004234    0.0004746
3          1      0.02927   -0.1366    0.32     0.02091     -0.1183      -2.709
0.8881    -1.785       1.173      0.008452      -0.003584     0.0004295     -0.0007873
-0.0006305    0.0003745
3          1      0.02927   -0.1268    0.32     0.0591      -0.1093      -3.184     -
0.05      -2.149       0.5549     0.009989      -0.0005984    0.0006852     -0.0006494
-0.0008185    0.0002048
3          1      0.02927   -0.1171    0.32     0.09128     -0.08885     -3.361     -
1.148     -2.285      -0.1309     0.01053        0.002834     0.0008812     -0.0004412
-0.0009671    -2.779E-0005
3          1      0.02927   -0.1073    0.32     0.1143      -0.06062     -3.212     -
2.304     -2.199      -0.7962     0.01002        0.006362     0.0009999     -0.0001914
-0.00106      -0.0003105
3          1      0.02927   -0.09756   0.32     0.1266      -0.02876     -2.746     -
3.418     -1.927      -1.366      0.008527       0.009662     0.001036      6.804E-0005
-0.001087     -0.0006259
3          1      0.02927   -0.0878    0.32     0.1285       0.002619    -2.007     -
4.405     -1.526      -1.786      0.006238       0.01248      0.0009968     0.0003074
-0.001044     -0.000954
3          1      0.02927   -0.07805   0.32     0.1214       0.03006     -1.064     -
5.207     -1.066      -2.033      0.003396       0.01465      0.000897      0.0005025
-0.0009366    -0.001275
3          1      0.02927   -0.06829   0.32     0.1077       0.05113     -0.001645  -
5.793     -0.612      -2.104      0.0002706      0.01612      0.0007576     0.0006375
-0.0007748    -0.001573
3          1      0.02927   -0.05854   0.32     0.09009      0.06453      1.096     -
6.166     -0.219      -2.02      -0.002877       0.01693      0.0006007     0.0007052
-0.0005755    -0.001835
3          1      0.02927   -0.04878   0.32     0.07103      0.07002      2.148     -
6.352      0.07496    -1.812     -0.005826       0.0172       0.0004461     0.0007063
-0.0003586    -0.002053
3          1      0.02927   -0.03902   0.32     0.05248      0.06818      3.087     -
6.397      0.2516     -1.516     -0.008403       0.01708      0.0003083     0.0006473
-0.0001451    -0.002226
3          1      0.02927   -0.02927   0.32     0.03572      0.06015      3.863     -
6.355      0.311      -1.166     -0.01049        0.01675      0.0001956     0.0005387
4.487E-0005   -0.002353
3          1      0.02927   -0.01951   0.32     0.02121      0.04738      4.439     -
6.279      0.269      -0.7859    -0.01201        0.01638      0.0001092     0.0003929
0.0001939     -0.00244
3          1      0.02927   -0.009756  0.32     0.008744     0.03141      4.791     -
6.214      0.1532     -0.3932    -0.01294        0.0161       4.449E-0005   0.0002224
0.0002886     -0.002491
3          1      0.02927   2.776E-0017 0.32   -0.002395     0.01377      4.908     -
6.19      -0.001078    0.003797  -0.01324        0.016       -7.757E-0006  3.955E-0005
0.0003207     -0.002508
3          1      0.02927   0.009756   0.32    -0.01321     -0.004015     4.786     -
6.217     -0.1551      0.4007    -0.01292        0.01611     -5.912E-0005  -0.0001438
0.0002873     -0.002494
3          1      0.02927   0.01951    0.32    -0.02474     -0.02045      4.429     -
6.283     -0.2701      0.7931    -0.01199        0.01639     -0.0001212    -0.0003156
0.0001911     -0.002447
3          1      0.02927   0.02927    0.32    -0.03776     -0.03402      3.849     -
6.361     -0.3109      1.172     -0.01045        0.01677     -0.0002035    -0.0004638
4.039E-0005   -0.002362
3          1      0.02927   0.03902    0.32    -0.05262     -0.04323      3.069     -
6.403     -0.2501      1.522     -0.008351       0.0171      -0.000311     -0.0005758
-0.0001515    -0.002237
3          1      0.02927   0.04878    0.32    -0.06898     -0.04667      2.126     -
6.357     -0.07209     1.816     -0.005764       0.01721     -0.0004428    -0.0006394
-0.0003672    -0.002066
3          1      0.02927   0.05854    0.32    -0.08579     -0.04321      1.071     -
6.17       0.223       2.023     -0.002807       0.01694     -0.0005912    -0.0006442
-0.0005864    -0.001848
3          1      0.02927   0.06829    0.32    -0.1013      -0.03226     -0.02816    -
5.794      0.6167      2.105      0.0003454      0.01612     -0.000742     -0.0005833
-0.000788     -0.001585
3          1      0.02927   0.07805    0.32    -0.1131      -0.01401     -1.092      -
5.205      1.071       2.032      0.003472       0.01464     -0.0008761    -0.0004562
-0.0009518    -0.001286
3          1      0.02927   0.0878     0.32    -0.1187       0.01037     -2.034      -
4.4        1.531       1.785      0.006312       0.01246     -0.0009719    -0.0002696
-0.001061     -0.0009619
```

3	1	0.02927	0.09756	0.32	-0.116	0.03856	-2.771	-3.409	1.93	1.363	0.008595	0.009633	-0.001009	-3.907E-0005	-0.001105	-0.0006308
3	1	0.02927	0.1073	0.32	-0.1034	0.06727	-3.235	-2.292	2.202	0.793	0.01008	0.006325	-0.0009716	0.0002117	-0.001078	-0.0003121
3	1	0.02927	0.1171	0.32	-0.08069	0.09256	-3.382	-1.133	2.287	0.1279	0.01058	0.00279	-0.0008536	0.0004533	-0.0009841	-2.596E-0005
3	1	0.02927	0.1268	0.32	-0.04936	0.1104	-3.201	-0.03208	2.15	-0.5573	0.01003	-0.0006464	-0.0006598	0.0006544	-0.0008339	0.0002099
3	1	0.02927	0.1366	0.32	-0.01242	0.1173	-2.722	0.9081	1.786	-1.174	0.008483	-0.003634	-0.0004075	0.0007865	-0.0006436	0.0003824
3	1	0.02927	0.1463	0.32	0.02571	0.1113	-2.014	1.601	1.228	-1.636	0.00613	-0.005852	-0.0001246	0.000829	-0.0004337	0.0004846
3	1	0.02927	0.1561	0.32	0.05984	0.09219	-1.172	1.986	0.5429	-1.872	0.003286	-0.007061	0.0001536	0.0007738	-0.0002254	0.0005173
3	1	0.02927	0.1659	0.32	0.08495	0.06205	-0.3131	2.046	-0.1745	-1.844	0.0003446	-0.007158	0.0003904	0.0006276	-3.837E-0005	0.0004878
3	1	0.02927	0.1756	0.32	0.09708	0.02502	0.4489	1.806	-0.8181	-1.553	-0.002281	-0.006197	0.0005538	0.0004118	0.0001116	0.0004096
3	1	0.02927	0.1854	0.32	0.09428	-0.01327	1.017	1.332	-1.289	-1.048	-0.004226	-0.004394	0.0006226	0.0001596	0.0002148	0.0002996
3	1	0.02927	0.1951	0.32	0.07712	-0.04671	1.329	0.7227	-1.515	-0.4144	-0.005236	-0.002095	0.0005908	-8.935E-0005	0.0002679	0.0001765
3	1	0.03902	-0.1951	0.32	-0.09431	0.05951	1.329	0.6039	1.51	0.2822	-0.0052	-0.001638	-0.000752	0.0001552	0.0003586	0.0001898
3	1	0.03902	-0.1854	0.32	-0.1165	0.0181	1.069	1.212	1.339	0.9166	-0.004384	-0.003929	-0.0008097	-0.0001631	0.0003056	0.0003524
3	1	0.03902	-0.1756	0.32	-0.1208	-0.02984	0.5535	1.707	0.9193	1.444	-0.002631	-0.005801	-0.0007379	-0.0004923	0.0001868	0.0005037
3	1	0.03902	-0.1659	0.32	-0.1061	-0.07661	-0.1645	1.989	0.3161	1.776	-0.0001651	-0.006904	-0.0005415	-0.000781	4.608E-0006	0.0006193
3	1	0.03902	-0.1561	0.32	-0.07468	-0.115	-0.9957	1.988	-0.3779	1.859	0.002675	-0.007007	-0.0002455	-0.0009848	-0.00023	0.0006763
3	1	0.03902	-0.1463	0.32	-0.03145	-0.1395	-1.831	1.673	-1.06	1.682	0.005491	-0.00603	0.0001101	-0.001074	-0.0004981	0.0006557
3	1	0.03902	-0.1366	0.32	0.01729	-0.1474	-2.558	1.053	-1.634	1.277	0.007897	-0.004052	0.0004786	-0.001037	-0.0007749	0.0005462
3	1	0.03902	-0.1268	0.32	0.06492	-0.1385	-3.08	0.181	-2.032	0.7078	0.009577	-0.001281	0.0008138	-0.0008815	-0.001033	0.0003449
3	1	0.03902	-0.1171	0.32	0.1057	-0.1152	-3.327	-0.8642	-2.215	0.05695	0.01033	0.001982	0.001078	-0.0006326	-0.001246	5.892E-0005
3	1	0.03902	-0.1073	0.32	0.1355	-0.08189	-3.263	-1.986	-2.182	-0.59	0.01007	0.005404	0.001247	-0.0003254	-0.00139	-0.0002964
3	1	0.03902	-0.09756	0.32	0.1524	-0.04352	-2.892	-3.089	-1.963	-1.158	0.008859	0.008668	0.001313	-3.488E-0008	-0.001452	-0.000699
3	1	0.03902	-0.0878	0.32	0.1564	-0.005203	-2.252	-4.087	-1.61	-1.592	0.006853	0.01152	0.001281	0.0003053	-0.001426	-0.001124
3	1	0.03902	-0.07805	0.32	0.1492	0.02874	-1.404	-4.92	-1.186	-1.863	0.004276	0.01378	0.001169	0.0005591	-0.001314	-0.001544
3	1	0.03902	-0.06829	0.32	0.1336	0.05523	-0.4274	-5.554	-0.7561	-1.966	0.001384	0.01539	0.001003	0.0007399	-0.001132	-0.001939

```
3               1      0.03902   -0.05854      0.32    0.1128        0.07256        0.596         -
5.986       -0.3727        -1.915        -0.00157      0.01638        0.0008101      0.000837
-0.0008979      -0.00229
```