

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]
Hz-real [A/m]	Hz-imag [A/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]	
3	1	-0.07805	-0.1268	0.32	-0.01099	0.1751	-2.131	
1.357	-1.128	1.364		0.006236	-0.004553	-0.0005086	0.001685	
0.001178	-0.001326							
3	1	-0.07805	-0.1171	0.32	-0.06413	0.1636	-2.696	
0.7123	-1.516	0.9799		0.007932	-0.002537	-0.001008	0.001508	
0.001699	-0.001074							
3	1	-0.07805	-0.1073	0.32	-0.1079	0.1371	-3.07	-
0.09467	-1.75	0.5158		0.008974	-6.877E-0005	-0.00141	0.001198	
0.002167	-0.0006717							
3	1	-0.07805	-0.09756	0.32	-0.1385	0.1009	-3.224	-
0.9944	-1.822	0.03637		0.009295	0.002608	-0.001682	0.0008057	
0.002543	-0.0001431							
3	1	-0.07805	-0.0878	0.32	-0.1547	0.06092	-3.154	-
1.915	-1.749	-0.4007		0.008923	0.00526	-0.001811	0.0003863	
0.002802	0.0004768							
3	1	-0.07805	-0.07805	0.32	-0.1573	0.02239	-2.884	-
2.792	-1.565	-0.7516		0.007961	0.007696	-0.001806	-8.53E-0006	
0.002934	0.001146							
3	1	-0.07805	-0.06829	0.32	-0.1487	-0.01053	-2.458	-
3.577	-1.312	-0.9895		0.006566	0.009784	-0.00169	-0.0003371	
0.002941	0.001823							
3	1	-0.07805	-0.05854	0.32	-0.1321	-0.03518	-1.93	-
4.239	-1.031	-1.105		0.004919	0.01146	-0.001492	-0.0005714	
0.002845	0.002467							
3	1	-0.07805	-0.04878	0.32	-0.1107	-0.05046	-1.36	-
4.764	-0.7596	-1.104		0.003202	0.01271	-0.001247	-0.0006983	
0.002673	0.003048							
3	1	-0.07805	-0.03902	0.32	-0.08738	-0.0565	-0.8067	-
5.158	-0.523	-1.001		0.001579	0.01358	-0.0009826	-0.0007181	
0.002463	0.003541							
3	1	-0.07805	-0.02927	0.32	-0.06425	-0.0544	-0.3215	-
5.433	-0.3342	-0.8175		0.000185	0.01414	-0.0007204	-0.0006418	
0.002251	0.003934							
3	1	-0.07805	-0.01951	0.32	-0.04239	-0.04585	0.05409	-
5.61	-0.1938	-0.575		-0.0008772	0.01447	-0.0004717	-0.0004884	
0.002073	0.004217							
3	1	-0.07805	-0.009756	0.32	-0.02207	-0.0328	0.2902	-
5.707	-0.0917	-0.2949		-0.001538	0.01464	-0.0002384	-0.0002811	
0.001955	0.004388							
3	1	-0.07805	2.776E-0017	0.32	-0.002885	-0.01733	0.369	-
5.738	-0.01057	0.003465		-0.001758	0.01469	-1.525E-0005	-4.6E-0005	
0.001915	0.004446							
3	1	-0.07805	0.009756	0.32	0.01595	-0.001544	0.2844	-
5.708	0.07093	0.3019		-0.001525	0.01464	0.0002072	0.0001901	
0.00196	0.004392							
3	1	-0.07805	0.01951	0.32	0.03524	0.01247	0.04268	-
5.612	0.1741	0.5823		-0.0008503	0.01448	0.0004384	0.0004004	
0.002083	0.004224							
3	1	-0.07805	0.02927	0.32	0.05552	0.02266	-0.3382	-
5.435	0.3163	0.8252		0.0002245	0.01415	0.0006841	0.0005588	
0.002267	0.003943							
3	1	-0.07805	0.03902	0.32	0.07671	0.02706	-0.8279	-
5.159	0.5073	1.009		0.00163	0.01359	0.0009427	0.0006418	
0.002483	0.003551							
3	1	-0.07805	0.04878	0.32	0.09792	0.02399	-1.385	-
4.764	0.7465	1.112		0.003262	0.01271	0.001203	0.0006306	
0.002698	0.003057							
3	1	-0.07805	0.05854	0.32	0.1174	0.0123	-1.957	-
4.236	1.021	1.113		0.004987	0.01145	0.001445	0.0005137	
0.002874	0.002474							
3	1	-0.07805	0.06829	0.32	0.1325	-0.008299	-2.487	-
3.571	1.304	0.9974		0.006637	0.009772	0.001641	0.0002904	
0.002973	0.001826							
3	1	-0.07805	0.07805	0.32	0.1402	-0.03685	-2.914	-
2.782	1.56	0.7589		0.008032	0.007674	0.001757	-2.655E-0005	
0.002967	0.001145							
3	1	-0.07805	0.0878	0.32	0.1374	-0.07094	-3.182	-
1.9	1.746	0.4073		0.008991	0.005227	0.001763	-0.0004099	
0.002835	0.0004699							
3	1	-0.07805	0.09756	0.32	0.1218	-0.1067	-3.249	-
0.9751	1.82	-0.03067		0.009356	0.002565	0.001636	-0.0008184	
0.002574	-0.0001555							

3	1	-0.07805	0.1073	0.32	0.09251	-0.1391	-3.091	-
0.07199	1.75	-0.511		0.009026	-0.00012	0.001369	-0.001201	
0.002194	-0.0006892							
3	1	-0.07805	0.1171	0.32	0.05073	-0.1624	-2.712	
0.7376	1.517	-0.9759		0.007973	-0.002594	0.0009729	-0.001503	
0.001721	-0.001096							
3	1	-0.07805	0.1268	0.32	-3.258E-0005	-0.1715	-2.141	
1.384	1.13	-1.361		0.006264	-0.004614	0.0004808	-0.001675	
0.001194	-0.00135							
3	1	-0.07805	0.1366	0.32	-0.05399	-0.1627	-1.436	
1.81	0.6204	-1.607		0.004063	-0.005964	-5.556E-0005	-0.001681	
0.000659	-0.001444							
3	1	-0.07805	0.1463	0.32	-0.1038	-0.1346	-0.673	
1.981	0.04622	-1.666		0.001616	-0.006498	-0.0005713	-0.001508	
0.0001631	-0.001385							
3	1	-0.07805	0.1561	0.32	-0.1417	-0.08923	0.05979	
1.894	-0.5182	-1.52		-0.0007798	-0.006168	-0.0009983	-0.001169	
-0.000252	-0.001197							
3	1	-0.07805	0.1659	0.32	-0.1609	-0.03195	0.6772	
1.578	-0.9924	-1.18		-0.002816	-0.005045	-0.001277	-0.0007051	
-0.0005555	-0.000916							
3	1	-0.07805	0.1756	0.32	-0.1572	0.02915	1.11	
1.094	-1.304	-0.6913		-0.00423	-0.00332	-0.001368	-0.0001809	
-0.0007317	-0.0005873							
3	1	-0.07805	0.1854	0.32	-0.1303	0.08446	1.316	
0.5224	-1.405	-0.128		-0.004846	-0.001276	-0.001259	0.0003273	
-0.0007811	-0.0002556							
3	1	-0.07805	0.1951	0.32	-0.08378	0.1247	1.288	-
0.04355	-1.279	0.4201		-0.004617	0.0007516	-0.0009734	0.0007429	
-0.0007194	3.856E-0005							
3	1	-0.06829	-0.1951	0.32	0.09881	-0.1092	1.315	
0.1401	1.382	-0.2341		-0.004865	0.0001069	0.0009998	-0.0005592	
-0.000639	-6.781E-0005							
3	1	-0.06829	-0.1854	0.32	0.1399	-0.06363	1.262	
0.7269	1.428	0.3542		-0.004811	-0.002036	0.001215	-0.0001341	
-0.0006529	-0.0003377							
3	1	-0.06829	-0.1756	0.32	0.1598	-0.00489	0.9655	
1.286	1.236	0.9246		-0.003867	-0.004076	0.001253	0.0003575	
0.0005626	-0.0006262							
3	1	-0.06829	-0.1659	0.32	0.1556	0.05738	0.4442	
1.722	0.8333	1.385		-0.002132	-0.005666	0.001099	0.0008409	
-0.0003592	-0.0008952							
3	1	-0.06829	-0.1561	0.32	0.1284	0.1135	-0.2456	
1.954	0.2836	1.664		0.0001723	-0.006531	0.0007747	0.001245	
-4.78E-0005	-0.001104							
3	1	-0.06829	-0.1463	0.32	0.08302	0.1554	-1.022	
1.929	-0.3309	1.726		0.002739	-0.006506	0.0003231	0.001512	
0.000352	-0.001215							
3	1	-0.06829	-0.1366	0.32	0.02681	0.1782	-1.792	
1.627	-0.9235	1.569		0.005231	-0.005559	-0.000194	0.00161	
0.0008081	-0.0012							
3	1	-0.06829	-0.1268	0.32	-0.03204	0.1802	-2.461	
1.066	-1.419	1.228		0.00734	-0.003784	-0.0007101	0.001534	
0.00128	-0.00104							
3	1	-0.06829	-0.1171	0.32	-0.08591	0.1634	-2.954	
0.292	-1.763	0.7581		0.008825	-0.001372	-0.001164	0.001303	
0.001725	-0.000736							
3	1	-0.06829	-0.1073	0.32	-0.1289	0.1318	-3.219	-
0.6249	-1.931	0.2293		0.009543	0.001424	-0.001511	0.0009572	
0.002102	-0.0003							
3	1	-0.06829	-0.09756	0.32	-0.1577	0.0914	-3.233	-
1.606	-1.926	-0.2896		0.00946	0.004335	-0.001723	0.0005478	
0.002379	0.0002415							
3	1	-0.06829	-0.0878	0.32	-0.1711	0.04817	-3.005	-
2.575	-1.775	-0.74		0.008637	0.007116	-0.001797	0.0001292	
0.002537	0.0008528							
3	1	-0.06829	-0.07805	0.32	-0.1706	0.007572	-2.571	-
3.467	-1.52	-1.08		0.007214	0.009577	-0.001744	-0.0002499	
0.00257	0.001495							
3	1	-0.06829	-0.06829	0.32	-0.1587	-0.02625	-1.983	-
4.235	-1.21	-1.29		0.005379	0.0116	-0.001591	-0.0005519	
0.002488	0.002128							
3	1	-0.06829	-0.05854	0.32	-0.1391	-0.05074	-1.305	-
4.855	-0.8929	-1.364		0.003336	0.01314	-0.001373	-0.0007533	
0.002313	0.002719							

	1	-0.06829	-0.04878	0.32	-0.1151	-0.06494	-0.6046	-
5.323	-0.6051	-1.315		0.001281	0.01421	-0.00112	-0.000845	
0.002077	0.003242							
3	1	-0.06829	-0.03902	0.32	-0.08972	-0.06918	0.05685	-
5.652	-0.3722	-1.164		-0.0006143	0.0149	-0.0008628	-0.0008306	
0.001816	0.00368							
3	1	-0.06829	-0.02927	0.32	-0.06507	-0.06473	0.6259	-
5.866	-0.2045	-0.9345		-0.002213	0.01528	-0.0006187	-0.0007231	
0.001566	0.004022							
3	1	-0.06829	-0.01951	0.32	-0.04219	-0.05343	1.061	-
5.993	-0.09892	-0.6501		-0.003417	0.01546	-0.0003969	-0.000542	
0.001362	0.004267							
3	1	-0.06829	-0.009756	0.32	-0.02122	-0.03741	1.332	-
6.057	-0.0412	-0.332		-0.00416	0.01554	-0.0001967	-0.0003102	
0.001229	0.004413							
3	1	-0.06829	2.776E-0017	0.32	-0.001603	-0.01887	1.423	-
6.077	-0.009209	0.001978		-0.004407	0.01556	-9.751E-0006	-5.24E-0005	
0.001184	0.004463							
3	1	-0.06829	0.009756	0.32	0.01761	-1.995E-0005	1.327	-
6.059	0.02312	0.336		-0.004147	0.01554	0.0001763	0.0002064	
0.001234	0.004417							
3	1	-0.06829	0.01951	0.32	0.03743	0.01694	1.05	-
5.996	0.08182	0.6544		-0.00339	0.01547	0.0003739	0.0004411	
0.001371	0.004275							
3	1	-0.06829	0.02927	0.32	0.05852	0.02982	0.6096	-
5.869	0.1889	0.9392		-0.002174	0.01529	0.0005916	0.0006271	
0.00158	0.004033							
3	1	-0.06829	0.03902	0.32	0.08093	0.03654	0.03597	-
5.655	0.3586	1.169		-0.0005633	0.01491	0.0008307	0.0007414	
0.001834	0.003692							
3	1	-0.06829	0.04878	0.32	0.1038	0.03525	-0.6293	-
5.325	0.5938	1.321		0.001341	0.01422	0.001083	0.0007645	
0.0021	0.003255							
3	1	-0.06829	0.05854	0.32	0.1255	0.02464	-1.333	-
4.854	0.8838	1.369		0.003404	0.01314	0.00133	0.0006831	
0.00234	0.002731							
3	1	-0.06829	0.06829	0.32	0.1431	0.004285	-2.012	-
4.231	1.204	1.294		0.005452	0.01159	0.001545	0.0004933	
0.002518	0.002136							
3	1	-0.06829	0.07805	0.32	0.1535	-0.02501	-2.601	-
3.459	1.515	1.085		0.007288	0.00956	0.001695	0.0002037	
0.002602	0.001499							
3	1	-0.06829	0.0878	0.32	0.1534	-0.06091	-3.034	-
2.563	1.772	0.7439		0.008707	0.007088	0.001747	-0.0001628	
0.002569	0.0008518							
3	1	-0.06829	0.09756	0.32	0.1401	-0.09954	-3.259	-
1.59	1.924	0.2931		0.009524	0.004297	0.001675	-0.0005691	
0.002411	0.0002348							
3	1	-0.06829	0.1073	0.32	0.1123	-0.1357	-3.241	-
0.605	1.93	-0.2262		0.009599	0.001378	0.001466	-0.0009673	
0.002131	-0.000312							
3	1	-0.06829	0.1171	0.32	0.07104	-0.1636	-2.973	
0.3149	1.763	-0.7554		0.00887	-0.001425	0.001125	-0.001304	
0.00175	-0.0007529							
3	1	-0.06829	0.1268	0.32	0.01943	-0.1776	-2.475	
1.091	1.42	-1.226		0.007373	-0.003841	0.0006774	-0.001527	
0.0013	-0.001061							
3	1	-0.06829	0.1366	0.32	-0.03686	-0.1734	-1.799	
1.653	0.9257	-1.568		0.005252	-0.005619	0.0001685	-0.001599	
0.0008216	-0.001223							
3	1	-0.06829	0.1463	0.32	-0.09047	-0.1494	-1.025	
1.955	0.3342	-1.725		0.002748	-0.006565	-0.0003415	-0.001498	
0.0003593	-0.001239							
3	1	-0.06829	0.1561	0.32	-0.1334	-0.1069	-0.2422	
1.979	-0.2795	-1.665		0.0001702	-0.006588	-0.0007866	-0.00123	
-4.653E-0005	-0.001127							
3	1	-0.06829	0.1659	0.32	-0.1584	-0.05085	0.453	
1.745	-0.829	-1.388		-0.002145	-0.00572	-0.001106	-0.0008268	
-0.0003634	-0.0009161							
3	1	-0.06829	0.1756	0.32	-0.1608	0.011	0.9791	
1.305	-1.232	-0.9299		-0.003892	-0.004125	-0.001255	-0.0003452	
-0.0005714	-0.0006439							
3	1	-0.06829	0.1854	0.32	-0.1394	0.06906	1.28	
0.7411	-1.427	-0.3615		-0.004846	-0.002078	-0.001215	0.0001442	
-0.0006652	-0.0003513							

	1	-0.06829	0.1951	0.32	-0.09718	0.1138	1.335	
0.1484	-1.383	0.2258		-0.00491	7.555E-0005	-0.0009982	0.0005672	
-0.0006535	-7.681E-0005							
3	1	-0.05854	-0.1951	0.32	0.1052	-0.09398	1.336	
0.3159	1.451	-0.04455		-0.005054	-0.0005382	0.000966	-0.000397	
-0.0005534	-0.000144							
3	1	-0.05854	-0.1854	0.32	0.1405	-0.04665	1.207	
0.9181	1.418	0.5696		-0.004719	-0.002763	0.001118	1.227E-0005	
-0.0005314	-0.0003838							
3	1	-0.05854	-0.1756	0.32	0.1544	0.01171	0.8247	
1.461	1.138	1.133		-0.003467	-0.004769	0.001101	0.0004648	
-0.0004153	-0.0006274							
3	1	-0.05854	-0.1659	0.32	0.1448	0.07159	0.2239	
1.845	0.6558	1.553		-0.001441	-0.006203	0.0009098	0.0008911	
-0.0002015	-0.0008404							
3	1	-0.05854	-0.1561	0.32	0.1134	0.1237	-0.5273	
1.995	0.04448	1.764		0.001091	-0.006801	0.0005694	0.001227	
0.000101	-0.0009876							
3	1	-0.05854	-0.1463	0.32	0.06539	0.1608	-1.336	
1.863	-0.6044	1.74		0.003784	-0.006431	0.0001257	0.001426	
0.0004708	-0.001038							
3	1	-0.05854	-0.1366	0.32	0.008252	0.1783	-2.101	
1.44	-1.2	1.491		0.006281	-0.005096	-0.0003618	0.001463	
0.0008766	-0.0009688							
3	1	-0.05854	-0.1268	0.32	-0.04996	0.1754	-2.727	
0.7574	-1.668	1.061		0.008265	-0.002936	-0.0008312	0.001338	
0.001281	-0.0007698							
3	1	-0.05854	-0.1171	0.32	-0.1019	0.1543	-3.137	-
0.1264	-1.96	0.5178		0.009507	-0.0001812	-0.001228	0.001076	
0.001645	-0.0004437							
3	1	-0.05854	-0.1073	0.32	-0.1422	0.1195	-3.287	-
1.132	-2.059	-0.06263		0.009886	0.002881	-0.001514	0.0007188	
0.001934	-6.766E-0006							
3	1	-0.05854	-0.09756	0.32	-0.1677	0.077	-3.163	-
2.172	-1.977	-0.6081		0.009397	0.005963	-0.00167	0.0003157	
0.002122	0.0005145							
3	1	-0.05854	-0.0878	0.32	-0.1779	0.03275	-2.783	-
3.166	-1.751	-1.06		0.008139	0.00881	-0.001695	-8.22E-0005	
0.002196	0.001086							
3	1	-0.05854	-0.07805	0.32	-0.1743	-0.007877	-2.193	-
4.051	-1.431	-1.382		0.006283	0.01124	-0.001607	-0.0004308	
0.002154	0.001673							
3	1	-0.05854	-0.06829	0.32	-0.1599	-0.04092	-1.457	-
4.784	-1.073	-1.557		0.004043	0.01315	-0.001434	-0.0006974	
0.00201	0.002241							
3	1	-0.05854	-0.05854	0.32	-0.1382	-0.06404	-0.6447	-
5.347	-0.7259	-1.588		0.001644	0.01451	-0.001209	-0.0008631	
0.001785	0.002761							
3	1	-0.05854	-0.04878	0.32	-0.1129	-0.07644	0.1712	-
5.745	-0.4293	-1.492		-0.0007064	0.01538	-0.0009634	-0.0009225	
0.001513	0.003214							
3	1	-0.05854	-0.03902	0.32	-0.08683	-0.07862	0.9262	-6
-0.2065	-1.296	-0.002834		0.01585	-0.0007235	-0.0008815	0.001227	
0.003586								
3	1	-0.05854	-0.02927	0.32	-0.06201	-0.07198	1.566	-
6.147	-0.06504	-1.026		-0.004604	0.01604	-0.0005056	-0.0007541	
0.0009622	0.003874							
3	1	-0.05854	-0.01951	0.32	-0.03939	-0.05844	2.051	-
6.219	0.001734	-0.7071		-0.005924	0.01608	-0.0003163	-0.0005595	
0.0007491	0.004076							
3	1	-0.05854	-0.009756	0.32	-0.019	-0.04017	2.351	-
6.249	0.01223	-0.3594		-0.006733	0.01605	-0.0001523	-0.000319	
0.0006117	0.004197							
3	1	-0.05854	2.776E-0017	0.32	-0.0001327	-0.0194	2.451	-
6.257	-0.007235	0.00138		-0.007002	0.01604	-3.477E-0006	-5.514E-0005	
0.0005654	0.004238							
3	1	-0.05854	0.009756	0.32	0.01831	0.001649	2.346	-
6.251	-0.0264	0.3622		-0.00672	0.01606	0.0001443	0.0002096	
0.0006154	0.004201							
3	1	-0.05854	0.01951	0.32	0.03748	0.02077	2.04	-
6.223	-0.01501	0.7101		-0.005897	0.01609	0.0003052	0.0004528	
0.0007565	0.004085							
3	1	-0.05854	0.02927	0.32	0.05818	0.03578	1.551	-
6.151	0.05314	1.029		-0.004565	0.01606	0.0004899	0.000652	
0.0009736	0.003886							

3	1	-0.05854	0.03902	0.32	0.08059	0.04453	0.906	-
6.005	0.1963	1.299		-0.002783	0.01587	0.0007018	0.0007858	
0.001243	0.0036							