

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	-0.05854	0.04878	0.32	0.104	0.04513	0.1471	-
5.748	0.4211	1.496		-0.0006454	0.01539	0.0009353	0.000835	
0.001533	0.003229							
3	1	-0.05854	0.05854	0.32	0.1266	0.03615	-0.6718	-
5.348	0.7196	1.591		0.001713	0.01452	0.001174	0.0007855	
0.001809	0.002775							
3	1	-0.05854	0.06829	0.32	0.1459	0.01703	-1.486	-
4.782	1.068	1.559		0.004117	0.01314	0.001394	0.0006311	
0.002036	0.002253							
3	1	-0.05854	0.07805	0.32	0.1584	-0.01158	-2.223	-
4.046	1.428	1.384		0.006357	0.01123	0.001563	0.0003768	
0.002183	0.001682							
3	1	-0.05854	0.0878	0.32	0.1609	-0.04753	-2.812	-
3.157	1.748	1.062		0.008211	0.008786	0.001649	4.111E-0005	
0.002226	0.00109							
3	1	-0.05854	0.09756	0.32	0.1504	-0.08711	-3.189	-
2.158	1.975	0.6094		0.009463	0.005928	0.001623	-0.0003441	
0.002152	0.0005129							
3	1	-0.05854	0.1073	0.32	0.1255	-0.1252	-3.311	-
1.114	2.058	0.06374		0.009943	0.002838	0.00147	-0.0007353	
0.001962	-1.375E-0005							
3	1	-0.05854	0.1171	0.32	0.08661	-0.1561	-3.157	-
0.1059	1.96	-0.5167		0.009554	-0.0002312	0.001188	-0.001082	
0.00167	-0.0004557							
3	1	-0.05854	0.1268	0.32	0.03661	-0.174	-2.742	
0.7804	1.669	-1.06		0.008302	-0.00299	0.0007962	-0.001335	
0.001302	-0.0007859							
3	1	-0.05854	0.1366	0.32	-0.01922	-0.1744	-2.112	
1.465	1.202	-1.49		0.006306	-0.005153	0.0003334	-0.001454	
0.0008926	-0.000988							
3	1	-0.05854	0.1463	0.32	-0.0738	-0.1553	-1.341	
1.888	0.607	-1.74		0.003798	-0.006488	-0.0001471	-0.001413	
0.0004812	-0.001059							
3	1	-0.05854	0.1561	0.32	-0.1193	-0.1173	-0.5267	
2.019	-0.04089	-1.765		0.001094	-0.006858	-0.000584	-0.001213	
0.0001056	-0.001009							
3	1	-0.05854	0.1659	0.32	-0.1484	-0.06493	0.23	
1.868	-0.6517	-1.556		-0.001449	-0.006257	-0.0009186	-0.0008766	
-0.0002023	-0.0008606							
3	1	-0.05854	0.1756	0.32	-0.156	-0.005291	0.836	
1.481	-1.135	-1.138		-0.003486	-0.00482	-0.001105	-0.0004515	
-0.0004209	-0.0006453							
3	1	-0.05854	0.1854	0.32	-0.1403	0.05247	1.222	
0.934	-1.416	-0.5767		-0.00475	-0.002809	-0.001119	-9.808E-0007	
-0.000541	-0.0003984							
3	1	-0.05854	0.1951	0.32	-0.1037	0.09895	1.356	
0.3264	-1.452	0.03605		-0.005096	-0.0005743	-0.0009645	0.0004061	
-0.0005659	-0.0001546							
3	1	-0.04878	-0.1951	0.32	0.1037	-0.07691	1.339	
0.472	1.491	0.1302		-0.005158	-0.001128	0.0008803	-0.0002604	
-0.0004573	-0.0001836							
3	1	-0.04878	-0.1854	0.32	0.1325	-0.03094	1.139	
1.08	1.384	0.7588		-0.004566	-0.003399	0.0009789	0.0001121	
-0.0004132	-0.0003865							
3	1	-0.04878	-0.1756	0.32	0.141	0.02376	0.6838	1.6
1.029	1.306	-0.003041		-0.005344	0.0009249	0.0005091	-0.0002882	
-0.0005833								
3	1	-0.04878	-0.1659	0.32	0.1277	0.07836	0.01747	
1.932	0.479	1.682		-0.0007709	-0.00661	0.0007199	0.0008691	
-8.25E-0005	-0.0007444							
3	1	-0.04878	-0.1561	0.32	0.0948	0.1244	-0.7803	
2.002	-0.18	1.826		0.001937	-0.006949	0.0003897	0.001137	
0.000193	-0.0008403							
3	1	-0.04878	-0.1463	0.32	0.04746	0.1555	-1.608	
1.772	-0.8503	1.721		0.00471	-0.006256	-2.097E-0005	0.001276	
0.0005173	-0.0008465							
3	1	-0.04878	-0.1366	0.32	-0.007194	0.1679	-2.357	
1.243	-1.439	1.388		0.007173	-0.004574	-0.0004576	0.001266	
0.0008616	-0.0007464							
3	1	-0.04878	-0.1268	0.32	-0.06163	0.1611	-2.931	
0.4557	-1.873	0.8818		0.009008	-0.00208	-0.0008653	0.001115	
0.001193	-0.0005341							

	1	-0.04878	-0.1171	0.32	-0.1091	0.1377	-3.257	-
0.5185	-2.109	0.2782		0.009997	0.0009588	-0.001198	0.0008475	
0.001478	-0.0002154							
3	1	-0.04878	-0.1073	0.32	-0.1449	0.1022	-3.295	-
1.591	-2.139	-0.3412		0.01004	0.004228	-0.001424	0.0005034	
0.001688	0.000193							
3	1	-0.04878	-0.09756	0.32	-0.1663	0.06022	-3.04	-
2.67	-1.985	-0.9021		0.009173	0.007423	-0.001529	0.0001291	
0.001804	0.0006661							
3	1	-0.04878	-0.0878	0.32	-0.1732	0.01756	-2.521	-
3.673	-1.69	-1.348		0.007515	0.01029	-0.001519	-0.0002302	
0.001816	0.001174							
3	1	-0.04878	-0.07805	0.32	-0.1672	-0.02085	-1.792	-
4.536	-1.314	-1.645		0.005269	0.01265	-0.001411	-0.0005361	
0.001726	0.001685							
3	1	-0.04878	-0.06829	0.32	-0.1514	-0.05141	-0.9244	-
5.221	-0.9153	-1.783		0.002675	0.01441	-0.001233	-0.0007614	
0.001548	0.002171							
3	1	-0.04878	-0.05854	0.32	-0.1293	-0.07206	0.00355	-
5.719	-0.5469	-1.771		-2.974E-0005	0.01558	-0.001017	-0.0008916	
0.001305	0.002609							
3	1	-0.04878	-0.04878	0.32	-0.1043	-0.08222	0.917	-
6.042	-0.2475	-1.633		-0.002629	0.01624	-0.0007907	-0.0009242	
0.001025	0.002985							
3	1	-0.04878	-0.03902	0.32	-0.07906	-0.08249	1.749	-
6.222	-0.03905	-1.397		-0.004946	0.01649	-0.0005779	-0.0008664	
0.0007403	0.003289							
3	1	-0.04878	-0.02927	0.32	-0.05553	-0.0743	2.448	-
6.3	0.0737	-1.093		-0.006854	0.01649	-0.0003922	-0.0007322	
0.0004817	0.00352							
3	1	-0.04878	-0.01951	0.32	-0.0345	-0.05955	2.971	-
6.317	0.101	-0.7469		-0.008264	0.01638	-0.0002376	-0.0005391	
0.000276	0.003681							
3	1	-0.04878	-0.009756	0.32	-0.01585	-0.04032	3.295	-
6.312	0.06474	-0.3776		-0.009124	0.01626	-0.0001099	-0.0003065	
0.0001442	0.003776							
3	1	-0.04878	2.776E-0017	0.32	0.001199	-0.01874	3.402	-
6.308	-0.005021	0.00164		-0.009409	0.01621	2.209E-0006	-5.377E-0005	
9.975E-0005	0.003809							
3	1	-0.04878	0.009756	0.32	0.01783	0.003083	3.289	-
6.315	-0.0745	0.3809		-0.009111	0.01626	0.0001132	0.0001997	
0.000147	0.003781							
3	1	-0.04878	0.01951	0.32	0.03526	0.02306	2.961	-
6.322	-0.1099	0.7502		-0.008237	0.01639	0.0002378	0.0004346	
0.0002817	0.00369							
3	1	-0.04878	0.02927	0.32	0.05438	0.03909	2.432	-
6.305	-0.08138	1.096		-0.006814	0.01651	0.0003873	0.0006316	
0.0004906	0.003532							
3	1	-0.04878	0.03902	0.32	0.07546	0.04914	1.73	-
6.228	0.03292	1.4		-0.004895	0.01651	0.0005668	0.0007715	
0.0007526	0.003303							
3	1	-0.04878	0.04878	0.32	0.09792	0.05134	0.8936	-
6.047	0.2431	1.635		-0.002567	0.01625	0.0007724	0.0008365	
0.001041	0.003							
3	1	-0.04878	0.05854	0.32	0.1202	0.04427	-0.02269	-
5.722	0.544	1.773		3.931E-0005	0.01559	0.0009912	0.0008128	
0.001324	0.002625							
3	1	-0.04878	0.06829	0.32	0.1397	0.02727	-0.9526	-
5.221	0.9137	1.785		0.002749	0.01441	0.001201	0.000693	
0.00157	0.002185							
3	1	-0.04878	0.07805	0.32	0.1534	0.000806	-1.821	-
4.532	1.313	1.646		0.005345	0.01263	0.001373	0.0004792	
0.001751	0.001696							
3	1	-0.04878	0.0878	0.32	0.158	-0.03322	-2.549	-
3.665	1.69	1.348		0.007587	0.01027	0.001478	0.0001855	
0.001843	0.001181							
3	1	-0.04878	0.09756	0.32	0.1504	-0.07143	-3.067	-
2.659	1.984	0.9016		0.00924	0.007391	0.001487	-0.0001615	
0.001831	0.0006683							
3	1	-0.04878	0.1073	0.32	0.1292	-0.1091	-3.319	-
1.576	2.139	0.3405		0.0101	0.004188	0.001382	-0.0005242	
0.001715	0.0001902							
3	1	-0.04878	0.1171	0.32	0.09442	-0.1407	-3.278	-
0.5001	2.109	-0.2787		0.01005	0.0009116	0.001159	-0.0008576	
0.001502	-0.0002231							

	1	-0.04878	0.1268	0.32	0.04852	-0.1609	-2.947	
0.4767	1.873		-0.8819	0.009047	-0.002131	0.0008309	-0.001116	
0.001214	-0.000546							
3	1	-0.04878	0.1366	0.32	-0.003837	-0.165	-2.369	
1.266	1.44		-1.388	0.007201	-0.004629	0.0004289	-0.00126	
0.0008783	-0.0007616							
3	1	-0.04878	0.1463	0.32	-0.05616	-0.1508	-1.614	
1.796	0.8524		-1.721	0.004727	-0.006312	-1.346E-0006	-0.001265	
0.0005292	-0.000864							
3	1	-0.04878	0.1561	0.32	-0.1011	-0.1186	-0.7818	
2.026	0.1832		-1.827	0.001944	-0.007005	-0.0004057	-0.001125	
0.0001998	-0.0008588							
3	1	-0.04878	0.1659	0.32	-0.1318	-0.07207	0.0213	
1.955	-0.4751		-1.685	-0.0007744	-0.006665	-0.00073	-0.0008554	
-8.079E-0005	-0.0007627							
3	1	-0.04878	0.1756	0.32	-0.143	-0.01753	0.6929	
1.621	-1.025		-1.311	-0.003056	-0.005397	-0.0009302	-0.0004961	
-0.0002912	-0.0006002							
3	1	-0.04878	0.1854	0.32	-0.1327	0.03671	1.153	
1.098	-1.382		-0.7659	-0.004593	-0.003447	-0.0009805	-0.0001006	
-0.0004202	-0.0004009							
3	1	-0.04878	0.1951	0.32	-0.1025	0.0819	1.357	
0.4842	-1.492		-0.1389	-0.005197	-0.001168	-0.0008793	0.0002699	
-0.0004675	-0.0001946							
3	1	-0.03902	-0.1951	0.32	0.09431	-0.0595	1.329	
0.6039	1.51		0.2822	-0.0052	-0.001638	0.000752	-0.0001551	
-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	0.02985	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	
-4.614E-0006	-0.0006193							
3	1	-0.03902	-0.1561	0.32	0.07467	0.115	-0.9957	
1.988	-0.3779		1.859	0.002675	-0.007007	0.0002455	0.0009848	
0.00023	-0.0006762							
3	1	-0.03902	-0.1463	0.32	0.03144	0.1395	-1.831	
1.673	-1.06		1.682	0.005491	-0.00603	-0.0001102	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	-0.06493	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	-5.893E-0005							
3	1	-0.03902	-0.1073	0.32	-0.1355	0.08188	-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	0.04351	-2.892	-
3.089	-1.963		-1.158	0.008859	0.008668	-0.001313	1.398E-0008	
0.001452	0.000699							
3	1	-0.03902	-0.0878	0.32	-0.1564	0.005195	-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	-0.02875	-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	-0.05524	-0.4273	-
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	-0.07257	0.596	-
5.986	-0.3727		-1.915	-0.00157	0.01638	-0.0008101	-0.000837	
0.0008979	0.00229							
3	1	-0.03902	-0.04878	0.32	-0.08988	-0.08034	1.588	-
6.236	-0.07487		-1.738	-0.004368	0.01682	-0.0006151	-0.00085	
0.0006378	0.002586							
3	1	-0.03902	-0.03902	0.32	-0.06724	-0.07919	2.482	-
6.344	0.1174		-1.468	-0.006835	0.01688	-0.0004371	-0.0007863	
0.0003785	0.002823							

6.357	0.2019	-0.03902	-0.02927	0.32	-0.04646	-0.07048	3.225	-
0.0001458	0.003	-1.138		-0.008847	0.0167	-0.000287	-0.0006586	
3	1	-0.03902	-0.01951	0.32	-0.0282	-0.05592	3.779	-
6.325	0.192	-0.772		-0.01032	0.01645	-0.0001674	-0.0004822	
-3.772E-0005	0.003122							
3	1	-0.03902	-0.009756	0.32	-0.01228	-0.03741	4.119	-
6.287	0.1128	-0.3882		-0.01122	0.01624	-7.321E-0005	-0.0002735	
-0.0001548	0.003194							
3	1	-0.03902	2.776E-0017	0.32	0.002106	-0.01683	4.232	-
6.273	-0.002891	0.002552		-0.01152	0.01617	6.186E-0006	-4.841E-0005	
-0.0001944	0.003219							
3	1	-0.03902	0.009756	0.32	0.01611	0.003946	4.114	-
6.29	-0.1183	0.3932		-0.01121	0.01625	8.454E-0005	0.0001773	
-0.0001528	0.003198							
3	1	-0.03902	0.01951	0.32	0.0309	0.02307	3.769	-
6.329	-0.1967	0.7769		-0.0103	0.01646	0.0001757	0.0003879	
-3.357E-0005	0.00313							
3	1	-0.03902	0.02927	0.32	0.04739	0.03867	3.21	-
6.363	-0.2054	1.143		-0.008807	0.01672	0.0002905	0.0005674	
0.0001524	0.003011							
3	1	-0.03902	0.03902	0.32	0.0659	0.04893	2.463	-
6.35	-0.1195	1.473		-0.006784	0.01689	0.0004345	0.0006997	
0.0003877	0.002836							
3	1	-0.03902	0.04878	0.32	0.08597	0.05214	1.565	-
6.242	0.07428	1.741		-0.004307	0.01684	0.0006056	0.0007694	
0.0006499	0.002601							
3	1	-0.03902	0.05854	0.32	0.1063	0.04698	0.5706	-
5.99	0.3734	1.917		-0.001501	0.01639	0.0007935	0.0007639	
0.0009129	0.002305							
3	1	-0.03902	0.06829	0.32	0.1246	0.03277	-0.4546	-
5.555	0.7577	1.967		0.001459	0.0154	0.0009797	0.0006756	
0.00115	0.001953							
3	1	-0.03902	0.07805	0.32	0.1381	0.009829	-1.432	-
4.917	1.189	1.863		0.004352	0.01377	0.00114	0.0005048	
0.001335	0.001556							
3	1	-0.03902	0.0878	0.32	0.1437	-0.02028	-2.279	-
4.08	1.612	1.591		0.006926	0.0115	0.001248	0.0002617	
0.001448	0.001132							
3	1	-0.03902	0.09756	0.32	0.1389	-0.05466	-2.918	-
3.079	1.965	1.156		0.008927	0.008638	0.001277	-3.277E-0005	
0.001475	0.0007033							
3	1	-0.03902	0.1073	0.32	0.1219	-0.08918	-3.287	-
1.973	2.183	0.5879		0.01013	0.005366	0.001211	-0.0003476	
0.001413	0.0002965							
3	1	-0.03902	0.1171	0.32	0.09261	-0.119	-3.347	-
0.8476	2.216	-0.05884		0.01038	0.001937	0.001044	-0.0006449	
0.001267	-6.31E-0005							
3	1	-0.03902	0.1268	0.32	0.05305	-0.1391	-3.097	
0.2003	2.033	-0.7092		0.009617	-0.001331	0.0007827	-0.0008854	
0.001052	-0.000353							
3	1	-0.03902	0.1366	0.32	0.007103	-0.1456	-2.571	
1.075	1.635	-1.278		0.007927	-0.004104	0.0004521	-0.001034	
0.0007905	-0.0005575							
3	1	-0.03902	0.1463	0.32	-0.03966	-0.1359	-1.839	
1.695	1.061	-1.683		0.005511	-0.006084	8.904E-0005	-0.001066	
0.0005098	-0.0006695							
3	1	-0.03902	0.1561	0.32	-0.08079	-0.1101	-0.999	
2.012	0.3808	-1.86		0.002685	-0.007061	-0.0002611	-0.0009742	
0.0002375	-0.0006914							
3	1	-0.03902	0.1659	0.32	-0.1101	-0.07113	-0.1625	
2.012	-0.3124	-1.779		-0.0001651	-0.006958	-0.0005518	-0.0007692	
-1.436E-0006	-0.0006348							
3	1	-0.03902	0.1756	0.32	-0.1229	-0.02427	0.5609	
1.728	-0.9157	-1.449		-0.002642	-0.005854	-0.0007437	-0.0004807	
-0.0001878	-0.0005184							
3	1	-0.03902	0.1854	0.32	-0.117	0.02335	1.082	
1.23	-1.337	-0.9238		-0.004407	-0.003978	-0.0008119	-0.0001525	
-0.0003103	-0.0003654							
3	1	-0.03902	0.1951	0.32	-0.09342	0.06412	1.345	
0.6173	-1.511	-0.291		-0.005236	-0.00168	-0.0007515	0.000164	
-0.0003664	-0.0002001							
3	1	-0.02927	-0.1951	0.32	0.07771	-0.04285	1.313	
0.7085	1.515	0.4053		-0.005202	-0.00205	0.0005908	-8.187E-0005	
-0.0002623	-0.0001678							

3	1	-0.02927	-0.1854	0.32	0.09367	-0.008927	1.006
1.314	1.292	1.04		-0.004205	-0.004344	0.0006203	0.0001683
-0.0002119	-0.000289						