

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]
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]		
Hx-real [A/m]	Hx-imag [A/m]							
3	1	-0.1951	-0.1951	0.32	0.002096	-0.0428	-0.6652	-
0.02371	-0.6671	0.1308		0.002113	-2.179E-0005	-0.0009141	0.000286	
0.0009716	-0.0001982							
3	1	-0.1951	-0.1854	0.32	0.02175	-0.04332	-0.6515	-
0.2785	-0.6771	-0.1245		0.002036	0.0007939	-0.0009745	-7.242E-0005	
0.001062	0.0001752							
3	1	-0.1951	-0.1756	0.32	0.041	-0.03534	-0.5459	-
0.5206	-0.5944	-0.3614		0.001663	0.001529	-0.0008997	-0.0004245	
0.001014	0.0005785							
3	1	-0.1951	-0.1659	0.32	0.05632	-0.01978	-0.3586	-
0.7188	-0.4362	-0.5487		0.001052	0.002086	-0.0007066	-0.0007219	
0.000823	0.0009609							
3	1	-0.1951	-0.1561	0.32	0.06502	0.001118	-0.1098	-
0.8482	-0.2291	-0.6657		0.0002863	0.002399	-0.0004281	-0.0009286	
0.0005022	0.001274							
3	1	-0.1951	-0.1463	0.32	0.06566	0.02425	0.1739	-
0.8937	-0.003273	-0.7043		-0.0005364	0.002441	-0.0001057	-0.001026	
8.176E-0005	0.001478							
3	1	-0.1951	-0.1366	0.32	0.05823	0.04636	0.4636	-
0.8508	0.2122	-0.6683		-0.001323	0.002221	0.0002177	-0.001012	
-0.0003975	0.001548							
3	1	-0.1951	-0.1268	0.32	0.044	0.06462	0.7322	-
0.7248	0.3942	-0.5712		-0.001995	0.001778	0.0005051	-0.0009009	
-0.0008904	0.001474							
3	1	-0.1951	-0.1171	0.32	0.02513	0.07706	0.9579	-
0.5293	0.5274	-0.4325		-0.002501	0.001172	0.0007292	-0.0007179	
-0.001354	0.001264							
3	1	-0.1951	-0.1073	0.32	0.004243	0.08277	1.126	-
0.2833	0.6055	-0.2739		-0.002813	0.0004717	0.0008755	-0.0004935	
-0.001752	0.000938							
3	1	-0.1951	-0.09756	0.32	-0.01611	0.08193	1.228	-
0.008257	0.6301	-0.1157		-0.002932	-0.0002568	0.0009413	-0.0002585	
-0.00206	0.0005264							
3	1	-0.1951	-0.0878	0.32	-0.03377	0.07553	1.267	-
0.2752	0.6092	0.02537		-0.002878	-0.0009573	0.0009344	-3.999E-0005	
0.002266	6.353E-0005							
3	1	-0.1951	-0.07805	0.32	-0.04724	0.06514	1.249	-
0.549	0.5541	0.1379		-0.002686	-0.001588	0.0008695	0.0001416	
-0.002371	-0.0004165							
3	1	-0.1951	-0.06829	0.32	-0.05576	0.05252	1.186	-
0.7994	0.4776	0.2157		-0.002398	-0.002124	0.0007647	0.0002737	
-0.002385	-0.000883							
3	1	-0.1951	-0.05854	0.32	-0.05922	0.03933	1.093	-
1.017	0.3916	0.2574		-0.002059	-0.002555	0.0006379	0.0003512	
-0.002329	-0.001312							
3	1	-0.1951	-0.04878	0.32	-0.05801	0.02693	0.983	-
1.198	0.3058	0.2655		-0.001708	-0.002885	0.0005048	0.0003754	
-0.002225	-0.001686							
3	1	-0.1951	-0.03902	0.32	-0.05286	0.01621	0.8722	-
1.341	0.2267	0.2446		-0.001379	-0.003123	0.0003768	0.0003521	
-0.002098	-0.001996							
3	1	-0.1951	-0.02927	0.32	-0.04466	0.007592	0.7727	-
1.448	0.1577	0.2006		-0.001099	-0.003286	0.0002604	0.0002897	
-0.001973	-0.002236							
3	1	-0.1951	-0.01951	0.32	-0.03429	0.001038	0.6946	-
1.521	0.09893	0.1397		-0.0008872	-0.003389	0.0001573	0.0001981	
-0.001868	-0.002406							
3	1	-0.1951	-0.009756	0.32	-0.02255	-0.003848	0.6452	-
1.564	0.04841	0.06795		-0.0007561	-0.003446	6.535E-0005	8.739E-0005	
-0.001799	-0.002508							
3	1	-0.1951	2.776E-0017	0.32	-0.01018	-0.007722	0.6289	-
1.578	0.002298	-0.009196		-0.000713	-0.003467	-2.051E-0005	-3.253E-0005	
-0.001775	-0.002543							
3	1	-0.1951	0.009756	0.32	0.002174	-0.01137	0.6472	-
1.566	-0.04406	-0.08639		-0.0007603	-0.003453	-0.0001068	-0.000152	
-0.0018	-0.00251							
3	1	-0.1951	0.01951	0.32	0.01385	-0.0156	0.6987	-
1.525	-0.09532	-0.1583		-0.0008959	-0.003403	-0.0002	-0.0002612	
-0.001871	-0.00241							
3	1	-0.1951	0.02927	0.32	0.02416	-0.02108	0.779	-
1.454	-0.1553	-0.2194		-0.001113	-0.003305	-0.000305	-0.0003503	
-0.001978	-0.002241							

	1	-0.1951	0.03902	0.32	0.03233	-0.02825	0.8808	
1.348	-0.226		-0.2634	-0.001399	-0.003147	-0.000424	-0.0004092	
-0.002105	-0.002002							
3	1	-0.1951	0.04878	0.32	0.0375	-0.03721	0.994	
1.206	-0.3072		-0.2843	-0.001734	-0.002911	-0.0005549	-0.0004279	
-0.002234	-0.001693							
3	1	-0.1951	0.05854	0.32	0.03885	-0.04759	1.106	
1.025	-0.3955		-0.2758	-0.002091	-0.002583	-0.0006911	-0.000398	
-0.002339	-0.001318							
3	1	-0.1951	0.06829	0.32	0.03569	-0.05857	1.202	
0.8059	-0.4841		-0.2331	-0.002437	-0.00215	-0.0008208	-0.0003136	
-0.002397	-0.0008874							
3	1	-0.1951	0.07805	0.32	0.02764	-0.06885	1.267	
0.5537	-0.5634		-0.1538	-0.002731	-0.00161	-0.0009283	-0.0001735	
-0.002384	-0.0004188							
3	1	-0.1951	0.0878	0.32	0.01484	-0.07682	1.286	
0.2773	-0.6211		-0.03921	-0.002928	-0.0009731	-0.0009949	1.712E-0005	
-0.002279	6.379E-0005							
3	1	-0.1951	0.09756	0.32	-0.001907	-0.08076	1.247	-
0.009246	-0.6443		0.1046	-0.002985	-0.0002646	-0.001002	0.0002455	
-0.002072	0.0005295							
3	1	-0.1951	0.1073	0.32	-0.02108	-0.07915	1.144	-
0.2877	-0.6213		0.2661	-0.002868	0.0004734	-0.0009355	0.0004909	
-0.001763	0.0009437							
3	1	-0.1951	0.1171	0.32	-0.04047	-0.07103	0.9748	-
0.5369	-0.5441		0.4284	-0.002554	0.001184	-0.0007864	0.000726	
-0.001362	0.001272							
3	1	-0.1951	0.1268	0.32	-0.05747	-0.05629	0.7469	-
0.7354	-0.411		0.571	-0.002045	0.0018	-0.0005574	0.0009194	
-0.0008956	0.001483							
3	1	-0.1951	0.1366	0.32	-0.06941	-0.03593	0.4752	-
0.8639	-0.2281		0.6719	-0.001366	0.002252	-0.000263	0.00104	
-0.0003992	0.001557							
3	1	-0.1951	0.1463	0.32	-0.07408	-0.01206	0.1819	-
0.9085	-0.01081		0.7115	-0.0005704	0.00248	6.958E-0005	0.001062	
8.324E-0005	0.001486							
3	1	-0.1951	0.1561	0.32	-0.07023	0.0123	-0.1057	-
0.8636	0.2176		0.6759	0.0002629	0.002444	0.0004028	0.0009705	
0.000506	0.001279							
3	1	-0.1951	0.1659	0.32	-0.05795	0.0337	-0.3584	-
0.7338	0.4281		0.5612	0.00104	0.002133	0.0006935	0.0007668	
0.000828	0.0009635							
3	1	-0.1951	0.1756	0.32	-0.03888	0.04886	-0.5494	-
0.5344	0.5901		0.3751	0.001663	0.001576	0.0008993	0.0004694	
0.001019	0.000578							
3	1	-0.1951	0.1854	0.32	-0.01599	0.05538	-0.6581	-
0.2902	0.6768		0.1383	0.002047	0.0008369	0.0009864	0.0001136	
0.001066	0.0001722							
3	1	-0.1951	0.1951	0.32	0.006822	0.05233	-0.6741	-
0.03257	0.6706		-0.1178	0.002135	1.502E-0005	0.0009367	-0.0002518	
0.0009724	-0.0002027							
3	1	-0.1854	-0.1951	0.32	0.003226	-0.03423	-0.6542	-
0.2554	-0.72		-0.08926	0.002159	0.0006959	-0.001009	1.79E-0006	
0.0009813	0.0001378							
3	1	-0.1854	-0.1854	0.32	0.02101	-0.03337	-0.5508	-
0.5082	-0.6457		-0.3546	0.001801	0.001512	-0.0009591	-0.0003812	
0.000945	0.0005246							
3	1	-0.1854	-0.1756	0.32	0.03761	-0.02436	-0.3575	-
0.7157	-0.4809		-0.5705	0.001161	0.002145	-0.0007722	-0.0007162	
0.0007645	0.0008957							
3	1	-0.1854	-0.1659	0.32	0.04962	-0.008486	-0.09588	-
0.8488	-0.2542		-0.7097	0.0003307	0.002508	-0.0004807	-0.0009582	
0.0004511	0.0012							
3	1	-0.1854	-0.1561	0.32	0.05462	0.01168	0.2043	-
0.8889	-4.253E-0005		-0.759	-0.0005772	0.00256	-0.0001295	-0.00108	
3.387E-0005	0.001393							
3	1	-0.1854	-0.1463	0.32	0.05158	0.03287	0.5099	-
0.8295	0.2469		-0.7201	-0.00145	0.002305	0.0002322	-0.001074	
-0.0004451	0.001446							
3	1	-0.1854	-0.1366	0.32	0.04095	0.05188	0.789	-
0.6763	0.4575		-0.6066	-0.00219	0.001785	0.0005596	-0.0009537	
-0.000937	0.001347							
3	1	-0.1854	-0.1268	0.32	0.02442	0.06609	1.015	-
0.4448	0.6117		-0.4409	-0.00273	0.00107	0.0008182	-0.0007441	
-0.001394	0.0011							

0.1574	1	-0.1854	-0.1171	0.32	0.004456	0.07392	1.17	-
-0.001775	0.7002	-0.2485		-0.003031	0.000242	0.0009878	-0.0004802	
3	0.0007282							
0.1606	1	-0.1854	-0.1073	0.32	-0.01623	0.07493	1.246	
-0.00205	0.7237	-0.05477		-0.003091	-0.0006156	0.001063	-0.0001989	
3	0.0002629							
0.4841	1	-0.1854	-0.09756	0.32	-0.03512	0.06977	1.242	
-0.002205	0.6913	0.1194		-0.002932	-0.001431	0.00105	6.679E-0005	
3	-0.0002573							
0.7915	1	-0.1854	-0.0878	0.32	-0.05032	0.05984	1.169	
-0.002239	0.6172	0.2591		-0.002599	-0.002152	0.0009683	0.0002909	
3	-0.0007936							
1.067	1	-0.1854	-0.07805	0.32	-0.06065	0.047	1.039	
-0.002165	0.5177	0.3562		-0.002143	-0.002745	0.0008383	0.0004569	
3	-0.001312							
0.4086	1	-0.1854	-0.06829	0.32	-0.06573	0.03316	0.8716	1.3
-0.001784	0.4089	-0.001621		-0.003199	0.0006839	0.0005577	-0.002005	
3								
1.487	1	-0.1854	-0.05854	0.32	-0.06582	0.01999	0.6846	
-0.001786	0.3033	0.4202		-0.001084	-0.003521	0.0005258	0.0005941	
3	-0.002193							
1.628	1	-0.1854	-0.04878	0.32	-0.06162	0.008755	0.496	
-0.001539	0.2111	0.396		-0.0005736	-0.003729	0.0003802	0.0005728	
3	-0.002531							
0.1372	1	-0.1854	-0.03902	0.32	-0.05405	0.0001644	0.3213	1.73
-0.002794	0.344	-0.000123		-0.003848	0.0002571	0.0005037	-0.001293	
3								
1.799	1	-0.1854	-0.02927	0.32	-0.04407	-0.005571	0.1731	
-0.001073	0.083	0.2716		0.0002449	-0.003906	0.0001603	0.0003982	
3	-0.002989							
1.843	1	-0.1854	-0.01951	0.32	-0.03253	-0.008701	0.06103	
-0.0009016	0.04643	0.1854		0.0005154	-0.003928	8.828E-0005	0.000267	
3	-0.003121							
1.866	1	-0.1854	-0.009756	0.32	-0.0201	-0.009828	-0.008455	
-0.0007926	0.02292	0.09103		0.0006801	-0.003935	3.51E-0005	0.0001198	
3	-0.003197							
1.875	1	-0.1854	2.776E-0017	0.32	-0.007319	-0.009789	-0.03158	
-0.0007556	0.006224	-0.007307		0.0007348	-0.003938	-8.182E-0006	-3.471E-0005	
3	-0.003223							
1.869	1	-0.1854	0.009756	0.32	0.005393	-0.009544	-0.007058	
-0.0007936	-0.01069	-0.1058		0.0006781	-0.003943	-5.197E-0005	-0.000189	
3	-0.0032							
1.848	1	-0.1854	0.01951	0.32	0.01762	-0.01006	0.06395	
-0.0009039	-0.03488	-0.2007		0.0005108	-0.003945	-0.0001066	-0.0003352	
3	-0.003126							
1.808	1	-0.1854	0.02927	0.32	0.02887	-0.01219	0.1778	
-0.001077	-0.0726	-0.2875		0.000237	-0.00393	-0.0001811	-0.0004648	
3	-0.002996							
1.741	1	-0.1854	0.03902	0.32	0.0385	-0.01659	0.328	
-0.001298	-0.1284	-0.3607		-0.0001352	-0.003879	-0.0002811	-0.000568	
3	-0.002803							
-0.2044	1	-0.1854	0.04878	0.32	0.04571	-0.02354	0.505	1.64
-0.00254	-0.4135	-0.0005912		-0.003764	-0.0004082	-0.0006339	-0.001546	
3								
1.498	1	-0.1854	0.05854	0.32	0.04959	-0.0329	0.6961	
-0.001796	-0.2992	-0.4382		-0.001108	-0.003559	-0.0005582	-0.0006511	
3	-0.002203							
1.311	1	-0.1854	0.06829	0.32	0.04928	-0.04399	0.8856	
-0.002017	-0.4075	-0.4272		-0.001653	-0.003238	-0.0007209	-0.0006096	
3	-0.001792							
1.077	1	-0.1854	0.07805	0.32	0.04408	-0.05562	1.056	
-0.002179	-0.5197	-0.3741		-0.002182	-0.002781	-0.0008799	-0.0005026	
3	-0.001318							
0.7993	1	-0.1854	0.0878	0.32	0.03378	-0.06615	1.187	
-0.002254	-0.6225	-0.276		-0.002645	-0.002183	-0.001014	-0.0003292	
3	-0.0007973							
0.4888	1	-0.1854	0.09756	0.32	0.01878	-0.07369	1.262	
-0.00222	-0.6998	-0.1346		-0.002984	-0.001456	-0.0011	-9.666E-0005	
3	-0.0002577							
0.1616	1	-0.1854	0.1073	0.32	0.0002832	-0.0764	1.266	
-0.002064	-0.7351	0.04205		-0.003146	-0.0006306	-0.001114	0.0001784	
3	0.0002659							
0.1602	1	-0.1854	0.1171	0.32	-0.01974	-0.07288	1.19	-
-0.001787	-0.7137	0.2389		-0.003088	0.0002378	-0.00104	0.00047	
	0.0007344							

	1	-0.1854	0.1268	0.32	-0.03872	-0.06252	1.034	-
0.4515	-0.6267	0.4349		-0.002786	0.001077	-0.0008696	0.0007445	
-0.001403	0.001109							
3	1	-0.1854	0.1366	0.32	-0.05383	-0.04581	0.8049	-
0.6864	-0.473	0.6045		-0.002243	0.001804	-0.0006077	0.0009647	
-0.0009423	0.001357							
3	1	-0.1854	0.1463	0.32	-0.06252	-0.02445	0.5226	-
0.8424	-0.262	0.7218		-0.001495	0.002334	-0.0002747	0.001095	
-0.0004466	0.001456							
3	1	-0.1854	0.1561	0.32	-0.06306	-0.001212	0.2132	-
0.9036	-0.01363	0.7644		-0.0006136	0.002597	9.491E-0005	0.001109	
3.574E-0005	0.001401							
3	1	-0.1854	0.1659	0.32	-0.05501	0.02045	-0.0912	-
0.8643	0.2428	0.7182		0.0003052	0.002551	0.000456	0.000994	
0.0004554	0.001205							
3	1	-0.1854	0.1756	0.32	-0.03949	0.03704	-0.357	-
0.731	0.4726	0.5814		0.001147	0.002191	0.000759	0.0007558	
0.0007698	0.0008983							
3	1	-0.1854	0.1854	0.32	-0.01917	0.04576	-0.5542	-
0.5223	0.6408	0.3671		0.0018	0.001558	0.0009579	0.0004212	
0.0009499	0.0005241							
3	1	-0.1854	0.1951	0.32	0.002203	0.0452	-0.6609	-
0.2673	0.719	0.1022		0.00217	0.0007388	0.00102	3.5E-0005	
0.0009845	0.0001349							
3	1	-0.1756	-0.1951	0.32	-0.001475	-0.02929	-0.5691	-
0.4757	-0.7035	-0.3226		0.001979	0.001419	-0.001017	-0.0003024	
0.0008799	0.0004473							
3	1	-0.1756	-0.1854	0.32	0.01542	-0.02874	-0.3784	-
0.6976	-0.542	-0.5719		0.001339	0.002148	-0.0008522	-0.0006772	
0.0007221	0.0008052							
3	1	-0.1756	-0.1756	0.32	0.0308	-0.02007	-0.1103	-
0.8422	-0.302	-0.7411		0.0004632	0.002592	-0.0005605	-0.0009625	
0.0004296	0.001103							
3	1	-0.1756	-0.1659	0.32	0.04121	-0.004846	0.2029	-
0.8866	-0.022	-0.8103		-0.0005243	0.002689	-0.0001887	-0.001121	
2.877E-0005	0.001294							
3	1	-0.1756	-0.1561	0.32	0.0444	0.01408	0.5238	-
0.8211	0.2576	-0.7768		-0.00149	0.002431	0.0002085	-0.001137	
0.0004387	0.001345							
3	1	-0.1756	-0.1463	0.32	0.03964	0.03331	0.8152	-
0.6506	0.5007	-0.6533		-0.002314	0.00186	0.0005782	-0.001019	
-0.000922	0.001237							
3	1	-0.1756	-0.1366	0.32	0.0277	0.04965	1.046	-
0.3919	0.681	-0.4636		-0.002907	0.001051	0.0008771	-0.0007915	
-0.001369	0.0009748							
3	1	-0.1756	-0.1268	0.32	0.01056	0.06066	1.192	-
0.07051	0.7846	-0.2377		-0.003217	0.0001047	0.001077	-0.000493	
-0.001734	0.0005781							
3	1	-0.1756	-0.1171	0.32	-0.00913	0.06505	1.245	-
0.2835	0.81	-0.006009		-0.003233	-0.000879	0.001168	-0.0001658	
-0.001981	8.097E-0005							
3	1	-0.1756	-0.1073	0.32	-0.02859	0.06276	1.202	-
0.6403	0.7665	0.205		-0.002979	-0.001809	0.001154	0.00015	
-0.002092	-0.0004747							
3	1	-0.1756	-0.09756	0.32	-0.04544	0.05478	1.075	-
0.9735	0.6708	0.3761		-0.002505	-0.002615	0.001055	0.0004219	
-0.002064	-0.001045							
3	1	-0.1756	-0.0878	0.32	-0.05798	0.04281	0.8794	-
1.264	0.5431	0.4962		-0.001877	-0.003256	0.0008956	0.000628	
-0.001909	-0.001592							
3	1	-0.1756	-0.07805	0.32	-0.06537	0.02888	0.6373	-
1.499	0.4037	0.5626		-0.001163	-0.003714	0.0007055	0.0007581	
-0.00165	-0.002084							
3	1	-0.1756	-0.06829	0.32	-0.06756	0.01495	0.3709	-
1.675	0.2702	0.5786		-0.0004283	-0.003998	0.0005114	0.0008122	
-0.00132	-0.002501							
3	1	-0.1756	-0.05854	0.32	-0.0651	0.002661	0.1016	-
1.796	0.1557	0.5523		0.0002743	-0.004133	0.000335	0.0007979	
-0.0009515	-0.002834							
3	1	-0.1756	-0.04878	0.32	-0.05893	-0.00688	-0.1523	-
1.868	0.0681	0.4933		0.000905	-0.004155	0.0001912	0.0007274	
-0.0005795	-0.003084							
3	1	-0.1756	-0.03902	0.32	-0.05009	-0.01312	-0.3762	-
1.905	0.01044	0.4118		0.001438	-0.004104	8.727E-0005	0.0006147	
-0.0002339	-0.003261							