

Frequency	MaxValue	MaxPositio	MinValue	MinPositio	BeamWidth	FrontBackF	PatternF
868.35	-2.33	174	-4.57	-73	360	1.62	2



866.35	2	0	-3.79	-37.346	425.7282	-16.8395	2.96021	884.3606	-2265.11	-4.02	-1.89856	-6.18	-2.99973	-7.52	0.000867	22.25
866.35	3	0	-3.79	-378.423	422.7478	-16.8625	2.93068	886.0404	-2266.4	-4.02	-1.89813	-6.17	-2.9862	-7.53	0.000749	22.18
866.35	4	0	-3.79	-380.838	419.7605	-16.8723	2.907678	887.922	-2267.69	-4.02	-1.89872	-6.18	-2.96894	-7.54	0.000707	22.18
866.35	5	0	-3.79	-384.541	416.8009	-16.8699	2.915953	884.503	-2263.08	-4.02	-1.89438	-6.15	-2.96309	-7.55	0.000413	21.92
866.35	6	0	-3.79	-389.468	414.227	-16.8634	2.92398	881.9915	-2254.74	-4.02	-1.89117	-6.15	-2.95974	-7.57	0.013209	21.75
866.35	7	0	-3.78	-395.537	412.1501	-16.8506	2.935529	909.3707	-2252.85	-4.03	-1.89715	-6.14	-2.95601	-7.59	0.018417	21.57
866.35	8	0	-3.82	-402.655	410.7342	-16.8439	2.942602	918.9336	-2245.64	-4.04	-1.89238	-6.13	-2.952	-7.62	0.024994	21.38
866.35	9	0	-3.81	-410.719	410.1135	-16.8452	2.956932	928.771	-2237.35	-4.02	-1.89884	-6.13	-2.94781	-7.65	0.033076	21.18
866.35	10	0	-3.82	-419.619	410.3907	-16.8381	2.967312	941.7737	-2228.23	-4.07	-1.89791	-6.12	-2.94354	-7.68	0.04198	20.99
866.35	11	0	-3.82	-429.242	411.6334	-16.8238	2.977132	954.8326	-2218.56	-4.08	-1.89437	-6.11	-2.93905	-7.7	0.05222	20.81
866.35	12	0	-3.83	-439.473	413.8653	-16.8236	2.986199	968.8489	-2208.58	-4.11	-1.8974	-6.11	-2.93501	-7.72	0.063411	20.61
866.35	13	0	-3.83	-450.198	417.0884	-15.8007	2.994354	983.0943	-2198.57	-4.11	-1.90509	-6.1	-2.93085	-7.74	0.075467	20.48
866.35	14	0	-3.83	-461.303	422.225	-15.8088	2.401572	999.2915	-2188.74	-4.11	-1.1425	-6.09	-2.92862	-7.76	0.088007	20.34
866.35	15	0	-3.83	-472.679	426.1989	-15.8647	2.407858	1015.535	-2179.32	-4.12	-1.13473	-6.07	-2.92292	-7.77	0.070456	20.22
866.35	16	0	-3.82	-484.216	431.8628	-15.8474	2.413289	1032.328	-2170.47	-4.12	-1.12684	-6.05	-2.91915	-7.77	0.17503	20.12
866.35	17	0	-3.81	-495.819	438.0485	-15.326	2.417977	1049.54	-2162.34	-4.12	-1.1189	-6.03	-2.91547	-7.77	0.278743	20.04
866.35	18	0	-3.79	-507.379	444.5582	-15.1993	2.422092	1067.201	-2155.04	-4.12	-1.11099	-6.01	-2.91198	-7.76	0.42421	19.98
866.35	19	0	-3.77	-518.4	451.1647	-14.9841	2.425811	1085.102	-2148.83	-4.11	-1.10314	-5.99	-2.90928	-7.75	0.755858	19.93
866.35	20	0	-3.75	-529.985	457.628	-14.8353	2.429329	1103.198	-2143.13	-4.1	-1.09541	-5.96	-2.90463	-7.73	0.776919	19.9
866.35	21	0	-3.72	-540.84	463.6985	-14.6854	2.432837	1121.402	-2138.53	-4.08	-1.08784	-5.94	-2.90088	-7.7	0.781443	19.87
866.35	22	0	-3.69	-551.267	469.1287	-14.5495	2.43652	1139.613	-2134.71	-4.06	-1.08032	-5.91	-2.89687	-7.68	0.793307	19.85
866.35	23	0	-3.66	-561.17	473.871	-14.4219	2.440547	1157.796	-2131.78	-4.04	-1.07326	-5.87	-2.89281	-7.65	0.804402	19.84
866.35	24	0	-3.63	-570.457	477.1069	-14.3124	2.445088	1175.871	-2129.43	-4.02	-1.06628	-5.84	-2.88836	-7.62	0.81494	19.82
866.35	25	0	-3.6	-579.017	479.2444	-14.2201	2.450206	1193.09	-2127.58	-3.99	-1.05954	-5.81	-2.88354	-7.59	0.823596	19.8
866.35	26	0	-3.57	-586.761	479.8851	-14.1465	2.455059	1211.079	-2126.09	-3.97	-1.05301	-5.78	-2.87832	-7.57	0.832305	19.78
866.35	27	0	-3.54	-593.598	479.9287	-14.0929	2.460295	1228.133	-2124.79	-3.94	-1.0467	-5.75	-2.87355	-7.54	0.838357	19.74
866.35	28	0	-3.52	-599.394	476.2777	-14.0602	2.470154	1244.743	-2123.51	-3.92	-1.04061	-5.72	-2.86852	-7.52	0.846002	19.71
866.35	29	0	-3.49	-604.088	477.1891	-14.0402	2.478444	1260.769	-2122.08	-3.89	-1.03471	-5.69	-2.86391	-7.5	0.85134	19.68
866.35	30	0	-3.47	-607.578	475.7754	-14.0303	2.487546	1276.123	-2120.37	-3.87	-1.02901	-5.67	-2.85933	-7.49	0.855968	19.62
866.35	31	0	-3.46	-609.782	477.9865	-14.0399	2.49741	1290.82	-2118.23	-3.85	-1.02335	-5.65	-2.85459	-7.48	0.859507	19.56
866.35	32	0	-3.45	-610.625	448.6207	-14.1499	2.507955	1304.701	-2115.55	-3.83	-1.01817	-5.63	-2.85732	-7.48	0.86148	19.51
866.35	33	0	-3.44	-610.048	437.8426	-14.2283	2.519074	1317.773	-2112.35	-3.82	-1.01302	-5.62	-2.85287	-7.48	0.863018	19.46
866.35	34	0	-3.44	-608.007	425.8201	-14.3285	2.530629	1329.86	-2108.26	-3.81	-1.00805	-5.61	-2.85203	-7.48	0.863686	19.41
866.35	35	0	-3.44	-604.481	412.772	-14.4501	2.542434	1343.033	-2103.28	-3.81	-1.00326	-5.61	-2.85117	-7.48	0.863542	19.34
866.35	36	0	-3.45	-599.467	398.9641	-14.5922	2.554376	1351.214	-2098.2	-3.8	-0.99986	-5.62	-2.85026	-7.5	0.862639	19.35
866.35	37	0	-3.46	-592.99	384.6404	-14.7539	2.56817	1360.375	-2092.16	-3.8	-0.99426	-5.63	-2.9305	-7.51	0.861035	19.34
866.35	38	0	-3.45	-585.151	370.9811	-14.9338	2.577672	1369.498	-2085.53	-3.8	-0.98871	-5.61	-2.92714	-7.52	0.859762	19.3
866.35	39	0	-3.45	-578.879	355.5603	-15.1308	2.588462	1375.573	-2078.41	-3.81	-0.98814	-5.67	-2.7747	-7.55	0.859597	19.38
866.35	40	0	-3.45	-584.34	343.2	-15.3422	2.599869	1381.607	-2071.81	-3.82	-0.98248	-5.7	-2.6578	-7.59	0.85926	19.44
866.35	41	0	-3.45	-553.903	327.6779	-15.5681	2.607387	1386.612	-2063.17	-3.83	-0.97908	-5.74	-2.75711	-7.59	0.848494	19.53
866.35	42	0	-3.58	-541.449	314.7867	-15.8043	2.614978	1390.614	-2055.34	-3.85	-0.97686	-5.77	-2.64883	-7.59	0.844816	19.61
866.35	43	0	-3.61	-528.294	302.869	-16.0488	2.621209	1393.947	-2047.57	-3.88	-0.97319	-5.8	-2.74102	-7.6	0.840444	19.7
866.35	44	0	-3.64	-514.558	292.0452	-16.2986	2.625364	1395.756	-2040.02	-3.88	-0.97076	-5.88	-2.73376	-7.61	0.835876	19.97
866.35	45	0	-3.67	-500.562	282.4524	-16.5504	2.627859	1396.991	-2032.84	-3.8	-0.96871	-5.91	-2.72714	-7.62	0.831187	20.17
866.35	46	0	-3.7	-486.517	274.1404	-16.8005	2.628463	1397.411	-2026.16	-3.82	-0.96703	-5.96	-2.7212	-7.62	0.828462	20.2
866.35	47	0	-3.73	-472.674	267.1212	-17.0541	2.627209	1397.081	-2020.11	-3.93	-0.96574	-6.01	-2.716	-7.62	0.827139	20.06
866.35	48	0	-3.74	-459.262	261.3683	-17.305	2.624234	1396.079	-2014.79	-3.9	-0.96484	-6.05	-2.71158	-7.62	0.81711	20.02
866.35	49	0	-3.78	-445.585	256.7708	-17.5015	2.619785	1394.442	-2010.26	-3.97	-0.96434	-6.1	-2.70793	-7.61	0.812619	21.21
866.35	50	0	-3.74	-434.815	253.2336	-17.7055	2.614219	1392.276	-2008.59	-3.98	-0.96421	-6.14	-2.70506	-7.61	0.808313	21.49
866.35	51	0	-3.82	-424.181	250.588	-17.8886	2.608001	1389.644	-2007.78	-4.01	-0.96444	-6.18	-2.70293	-7.6	0.804227	21.77
866.35	52	0	-3.84	-414.868	248.6367	-18.048	2.601877	1386.617	-2001.83	-4.01	-0.965	-6.22	-2.70151	-7.6	0.800385	22.01
866.35	53	0	-3.87	-407.027	247.1714	-18.1842	2.595849	1383.264	-2000.69	-4.02	-0.96687	-6.25	-2.70071	-7.59	0.796802	22.23
866.35	54	0	-3.97	-400.769	245.8621	-18.2599	2.591142	1380.564	-2000.3	-4.07	-0.967	-6.27	-2.70046	-7.59	0.793465	22.45
866.35	55	0	-3.88	-396.162	244.7752	-18.3782	2.58814	1375.852	-2000.57	-4.03	-0.96835	-6.28	-2.70066	-7.59	0.790426	22.5
866.35	56	0	-3.89	-393.23	243.381	-18.536	2.586371	1371.918	-2001.35	-4.03	-0.96968	-6.29	-2.70118	-7.59	0.787614	22.54
866.35	57	0	-3.89	-391.944	241.5647	-18.4772	2.589256	1367.91	-2002.81	-4.05	-0.97153	-6.3	-2.70192	-7.6	0.785027	22.5
866.35	58	0	-3.9	-392.229	239.1302	-18.4666	2.594003	1363.883	-2004.12	-4.05	-0.97252	-6.29	-2.70275	-7.62	0.782638	22.39
866.35	59	0	-3.9	-393.96	235.913	-18.5001	2.602037	1359.886	-2005.75	-4.05	-0.97469	-6.29	-2.70356	-7.64	0.780414	22.2
866.35	60	0	-3.9	-396.965	231.7638	-18.4909	2.611303	1355.975	-2007.36	-4.05	-0.9767	-6.27	-2.70422	-7.66	0.77832	21.95
866.35	61	0	-3.9	-401.031	228.664	-18.4768	2.621069	1351.98	-2008.98	-4.06	-0.97833	-6.27	-2.70465	-7.69	0.77616	21.88
866.35	62	0	-3.91	-405.308	220.4829	-18.4486	2.634997	1348.574	-2009.98	-4.08	-0.97984	-6.23	-2.70474	-7.73	0.774933	21.31
866.35	63	0	-3.91	-411.315	215.2723	-18.4224	2.643245	1345.176	-2010.74	-4.07	-0.98118	-6.21	-2.70442	-7.77	0.772422	20.84
866.35	64	0	-3.91	-418.951	205.014	-18.3874	2.648453	1342.03	-2011.6	-4.08	-0.98232	-6.18	-2.70384	-7.8	0.770345	20.77
866.35	65	0	-3.92	-422.5	195.9846	-18.3771	2.670266	1338.199	-2010.69	-4.08	-0.98323	-6.18	-2.70236	-7.77	0.768209	20.18
866.35	66	0	-3.93	-424.844	187.1427	-18.3702	2.675887	1334.965	-2010.75	-4.07	-0.98387	-6.17	-2.70368	-7.76	0.765315	20.02
866.35	67	0	-3.94	-432.069	175.7239	-18.3642	2.705321	1334.107	-2008.17	-4.08	-0.98424	-6.12	-2.69822	-7.77	0.764091	19.48
866.35	68	0	-3.95	-435.448	164.9342	-18.3785	2.775647	1332.524	-2005.94	-4.11	-0.98343	-6.11	-2.69637	-8.02	0.761742	19.18
866.35	69															

Phi 90 2D

Frequency MaxVal MinVal PosBeamWidth FrontBackPatternPolar

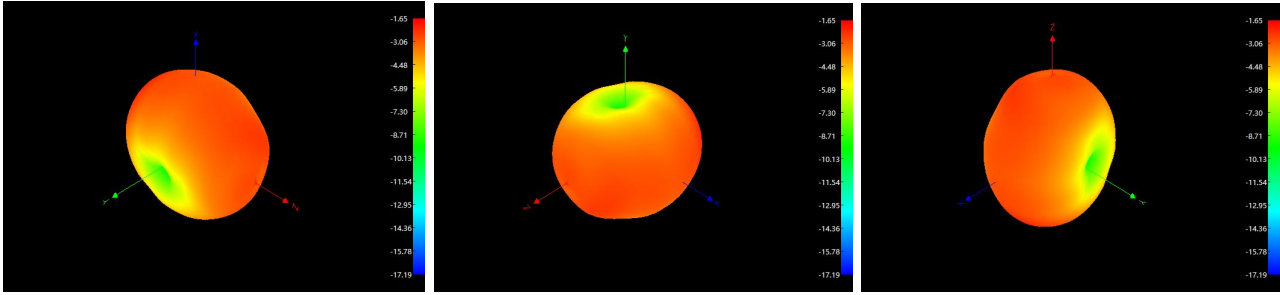
447.9 -1.68 170 -16.72 -91 -28 2.88 15.24

Frequency	Phi	Etotal	EthetaRange	EthetaRef	EthetaPhi	EthetaPhiRef	EthetaPhiRange	EthetaPhiRefRange	EthetaPhiRefRange	AxisRatio	
447.9	-179	0	-1.798123	-2.017716	-0.9134	-1.997768	-18.81	0.781399	-5.71	-1.05598	
447.9	-179	0	-2.49	181.403	-2.22589	-2.58343	-18.8228	386.0002	-19.03	2.036622	
447.9	-178	0	-2.58	183.234	-2.16644	-2.68569	-18.8932	-204.53	368.0651	-19.25	2.077988
447.9	-177	0	-2.69	185.933	-2.04485	-2.79142	-18.9472	-214.354	348.4578	-19.48	2.121066
447.9	-176	0	-2.78	188.677	-2.04225	-2.88862	-18.9263	-223.785	330.3094	-19.72	2.166807
447.9	-175	0	-2.86	1912.429	-1.97337	-2.946	-19.028	-232.68	310.893	-19.96	2.213897
447.9	-174	0	-2.93	1944.979	-1.91734	-3.01136	-19.103	-242.603	291.6634	-20.2	2.263147
447.9	-173	0	-2.99	1977.867	-1.85719	-3.07051	-19.1758	-248.923	270.3581	-20.43	2.314899
447.9	-172	0	-3.04	2010.032	-1.79949	-3.11986	-19.2459	-256.255	249.7076	-20.61	2.368954
447.9	-171	0	-3.09	2038.665	-1.745.3	-3.16288	-19.3128	-263.059	229.0855	-20.89	2.425116
447.9	-170	0	-3.13	2065.446	-1.69817	-3.20217	-19.3725	-269.334	208.3096	-21.1	2.483269
447.9	-169	0	-3.18	2090.199	-1.64951	-3.23897	-19.4293	-275.083	187.5571	-21.29	2.543172
447.9	-168	0	-3.22	2110.733	-1.60089	-3.28088	-19.4837	-280.308	166.9239	-21.47	2.604448
447.9	-167	0	-3.28	2127.163	-1.55715	-3.31443	-19.5414	-285.011	146.5038	-21.62	2.666705
447.9	-166	0	-3.34	2150.772	-1.543.21	-3.34045	-19.5834	-289.191	126.3931	-21.76	2.729554
447.9	-165	0	-3.42	2095.608	-1.51812	-3.38187	-19.6289	-292.847	106.8877	-21.87	2.792225
447.9	-164	0	-3.51	2076.398	-1.49077	-3.37461	-19.6768	-296.703	87.4507	-21.95	2.854403
447.9	-163	0	-3.62	2048.139	-1.48186	-3.38845	-19.62834	-298.572	68.86776	-22.01	2.9149
447.9	-162	0	-3.75	2011.174	-1.47003	-3.38122	-19.6318	-300.63	50.93057	-22.06	2.97373
447.9	-161	0	-3.86	1986.194	-1.4518	-3.36715	-19.6308	-302.142	33.74964	-22.08	3.030353
447.9	-160	0	-4.05	1915.815	-1.45592	-3.38183	-19.65034	-303.103	17.39495	-22.08	3.084206
447.9	-159	0	-4.22	1855.443	-1.45226	-3.28252	-19.6811	-303.501	1.054442	-22.1	3.132409
447.9	-158	0	-4.41	1792.341	-1.44987	-3.48528	-19.68016	-303.351	-12.6128	-22.09	-3.10004
447.9	-157	0	-4.61	1726.029	-1.44801	-3.48448	-19.68032	-302.537	-26.1881	-22.08	-3.05527
447.9	-156	0	-4.82	1658.152	-1.44534	-3.48137	-19.7114	-301.368	-38.7845	-22.09	-3.01037
447.9	-155	0	-5.02	1590.419	-1.44237	-3.5015	-19.7363	-299.555	-50.4031	-22.09	-2.97489
447.9	-154	0	-5.22	1524.552	-1.43848	-3.5119	-19.7630	-297.215	-61.662	-22.1	-2.93897
447.9	-153	0	-5.43	1452.22	-1.43195	-3.51933	-19.77494	-294.372	-70.7569	-22.12	-2.90557
447.9	-152	0	-5.62	1404.49	-1.42295	-3.52072	-19.79175	-291.055	-77.9605	-22.15	-2.87444
447.9	-151	0	-5.81	1354.296	-1.4111	-3.51323	-19.80587	-287.304	-87.27218	-22.1	-2.84328
447.9	-150	0	-5.99	1311.245	-1.39838	-3.50943	-19.81883	-283.164	-95.0645	-22.04	-2.81173
447.9	-149	0	-6.15	1276.873	-1.37856	-3.50232	-19.8287	-278.69	-101.785	-22.09	-2.78142
447.9	-148	0	-6.31	1251.811	-1.35775	-3.51174	-19.8357	-273.938	-107.892	-22.08	-2.75008
447.9	-147	0	-6.43	1236.408	-1.33414	-3.51435	-19.8234	-268.977	-113.8	-22.43	-2.71335
447.9	-146	0	-6.59	1209.803	-1.31042	-3.51684	-19.8109	-263.764	-119.7549	-22.3	-2.67868
447.9	-145	0	-6.69	1234.365	-1.27978	-3.51404	-19.7983	-258.704	-124.703	-22.58	-2.65043
447.9	-144	0	-6.69	1248.805	-1.24988	-3.50302	-19.7863	-253.539	-130.042	-22.64	-2.66767
447.9	-143	0	-6.73	1267.091	-1.21871	-3.49376	-19.7743	-248.364	-135.464	-22.71	-2.64424
447.9	-142	0	-6.74	1294.029	-1.18731	-3.48456	-19.7621	-243.52	-141.077	-22.75	-2.61869
447.9	-141	0	-6.72	1326.108	-1.15579	-3.47391	-19.7505	-238.807	-146.979	-22.78	-2.59688
447.9	-140	0	-6.69	1361.948	-1.12431	-3.47096	-19.7397	-234.376	-152.765	-22.78	-2.57638
447.9	-139	0	-6.64	1399.552	-1.09522	-3.47453	-19.68401	-230.291	-159.973	-22.78	-2.54846
447.9	-138	0	-6.58	1437.158	-1.06723	-3.46823	-19.67085	-225.983	-167.76	-22.75	-2.52365
447.9	-137	0	-6.51	1472.906	-1.04137	-3.46156	-19.65422	-220.324	-174.924	-22.68	-2.50236
447.9	-136	0	-6.45	1504.87	-1.01799	-3.45532	-19.6472	-214.514	-183.2	-22.59	-2.48306
447.9	-135	0	-6.39	1531.623	-997.856	-3.45017	-19.6372	-208.608	-192.4192	-22.51	-2.46581
447.9	-134	0	-6.36	1551.287	-979.598	-3.44872	-19.6324	-216.339	-201.321	-22.53	-2.44138
447.9	-133	0	-6.35	1565.822	-964.433	-3.44809	-19.6315	-214.979	-211.383	-22.57	-2.42652
447.9	-132	0	-6.34	1584.404	-952.699	-3.44809	-19.6315	-214.979	-211.383	-22.57	-2.41167
447.9	-131	0	-6.41	1555.88	-943.258	-3.45017	-19.6501	-211.383	-219.979	-22.58	-2.39652
447.9	-130	0	-6.5	1534.48	-936.104	-3.45017	-19.6501	-211.383	-219.979	-22.58	-2.38167
447.9	-129	0	-6.63	1505.98	-930.825	-3.47781	-19.65381	-214.03	-253.362	-21.33	-2.32748
447.9	-128	0	-6.8	1445.58	-926.932	-3.50302	-19.6428	-214.758	-294.272	-21.1	-2.2532
447.9	-127	0	-7.01	1412.498	-923.842	-3.51083	-19.6292	-215.786	-325.118	-22.01	-2.23992
447.9	-126	0	-7.27	1350.877	-920.972	-3.51749	-19.59845	-217.08	-355.797	-20.84	-2.22039
447.9	-125	0	-7.58	1280.077	-917.889	-3.52422	-19.56781	-218.417	-385.122	-20.42	-2.20653
447.9	-124	0	-7.9	1201.965	-913.38	-3.52686	-19.5382	-220.265	-407.2	-20.21	-2.19428
447.9	-123	0	-8.27	1117.817	-907.38	-3.53431	-19.50816	-222.079	-435.893	-20.01	-2.18255
447.9	-122	0	-8.68	1028.261	-900.188	-3.54202	-19.4785	-223.843	-464.624	-19.8	-2.17423
447.9	-121	0	-9.11	938.027	-892.266	-3.55158	-19.4457	-225.59	-493.373	-19.64	-2.16655
447.9	-120	0	-9.57	845.822	-882.69	-3.56215	-19.4094	-227.339	-521.329	-19.4	-2.15951
447.9	-119	0	-10.04	754.624	-874.69	-3.57387	-19.3708	-229.083	-549.887	-19.29	-2.15319
447.9	-118	0	-10.53	665.821	-865.675	-3.58711	-19.3297	-230.835	-578.61	-19.18	-2.14686
447.9	-117	0	-11.02	582.372	-856.838	-3.60188	-19.2861	-232.588	-607.342	-19.06	-2.14051
447.9	-116	0	-11.51	502.387	-847.25	-3.61731	-19.2408	-234.342	-636.073	-18.93	-2.13418
447.9	-115	0	-11.99	430.881	-837.719	-3.63302	-19.1934	-236.102	-664.804	-18.82	-2.12785
447.9	-114	0	-12.47	365.168	-828.274	-3.64901	-19.1441	-237.865	-693.535	-18.71	-2.12152
447.9	-113	0	-12.94	309.899	-818.828	-3.66526	-19.0934	-239.628	-722.266	-18.6	-2.11519
447.9	-112	0	-13.41	254.542	-809.385	-3.68171	-19.0417	-241.391	-750.997	-18.5	-2.10886
447.9	-111	0	-13.85	204.383	-800.939	-3.69836	-18.9884	-243.154	-779.728	-18.4	-2.10253
447.9	-110	0	-14.28	159.054	-792.496	-3.71521	-18.9347	-244.917	-808.459	-18.3	-2.0962
447.9	-109	0	-14.69	114.082	-784.059	-3.73226	-18.8801	-246.68	-837.19	-18.2	-2.08987
447.9	-108	0	-15.08	100.943	-775.622	-3.74941	-18.8255	-248.443	-865.92	-18.1	-2.08354
447.9	-107	0	-15.43	154.537	-767.185	-3.76676	-18.7708	-250.196	-894.649	-18.0	-2.07721
447.9	-106	0	-15.74	131.015	-758.748	-3.78431	-18.7161	-251.949	-923.376	-17.9	-2.07088
447.9	-105	0	-15.99	157.783	-750.311	-3.80206	-18.6614	-253.702	-952.103	-17.8	-2.06455
447.9	-104	0	-16.25	176.237	-741.874	-3.81991	-18.6067	-255.455	-980.828	-17.7	-2.05822
447.9	-103	0	-16.53	173.564	-733.437	-3.83786	-18.552	-257.208	-1009.551	-17.6	-2.05189
447.9	-102	0	-16.81	162.752	-725.002	-3.85591	-18.4975	-258.961	-1038.274	-17.5	-2.04556
447.9	-101	0	-17.08	180.084	-716.565	-3.87396	-18.4428	-260.714	-1066.997	-17.4	-2.03923
447.9	-100	0	-17.35	177.447	-708.128	-3.89201	-18.3881	-262.467	-1095.722	-17.3	-2.0329
447.9	-99	0	-17.62	194.786	-700.691	-3.91006	-18.3334	-264.22	-1124.445	-17.2	-2.02657
447.9	-98	0	-17.89	188.185	-693.254	-3.92811	-18.2787	-265.973	-1153.168	-17.1	-2.02024
447.9	-97	0	-18.16	191.597	-685.817	-3.94616	-18.224	-267.726	-1181.891	-17.0	-2.01391
447.9	-96	0	-18.43	195.01	-678.38	-3.96421	-18.1693	-269.479	-1210.614	-16.9	-2.00758
447.9	-95	0	-18.7	198.424	-670.941	-3.98226	-18.1146	-271.232	-1239.337	-16.8	-2.00125
447.9	-94	0	-18.97	201.837	-663.494	-3.99991	-18.0599	-272.985	-1268.06	-16.7	-1.99492
447.9	-93	0	-19.24	205.25	-656.047	-4.01746	-18.0052	-274.738	-1296.783	-16.6	-1.98859
447.9	-92	0	-19.51	208.663	-648.6	-4.03491	-17.9505	-276.491	-1325.5	-16.5	-1.98226
447.9	-91	0	-19.78	212.074	-641.153	-4.05236	-17.8958	-278.244	-1354.217	-16.4	-1.97593
447.9	-90	0	-20.05	215.485	-633.646	-4.06981	-17.8411	-279.997	-1382.93	-16.3	-1.9696
447.9	-89	0	-20.32	218.896	-626.139	-4.					

447.9	2	0	-3.76	938.8443	-2253.46	-3.98789	-1.17604	370.921	-427.619	-16.68	-0.85528	-6.21	-1.37841	-7.42	-0.94292	23.16
447.9	3	-3.76	975.211	-2243.22	-3.97072	-1.1607	366.557	-425.605	-16.75	-1.8598	-6.23	-1.36233	-7.39	-0.92697	23.75	
447.9	4	-3.76	1014.915	-2227.18	-3.96086	-1.14256	361.828	-423.635	-16.82	-1.34558	-6.26	-1.34558	-7.3	-0.91331	24.13	
447.9	5	-3.76	1062.479	-2207.44	-3.95673	-1.12221	356.806	-421.965	-16.89	-0.86887	-6.31	-1.32602	-7.25	-0.89476	25.36	
447.9	6	-3.76	1101.381	-2183.23	-3.95682	-1.10333	351.194	-420.342	-16.96	-0.87337	-6.36	-1.30316	-7.19	-0.87476	26.16	
447.9	7	-3.76	1159.008	-2156.88	-3.96493	-1.07752	344.926	-420.501	-17.03	-0.86378	-6.43	-1.28355	-7.14	-0.85355	27.78	
447.9	8	-3.77	1206.722	-2126.29	-3.97497	-1.0546	338.025	-421.153	-17.09	-0.89447	-6.5	-1.26227	-7.08	-0.83321	29.47	
447.9	9	-3.78	1251.908	-2095.39	-3.98904	-1.03225	330.304	-422.885	-17.15	-0.90775	-6.57	-1.24152	-7.03	-0.81116	31.68	
447.9	10	-3.8	1293.035	-2064.14	-4.00755	-1.01117	321.9115	-426.15	-17.19	-0.92385	-6.66	-1.22231	-6.98	-0.79205	34.77	
447.9	11	-3.83	1326.692	-2033.3	-4.03125	-0.99202	312.7127	-430.762	-17.22	-0.94947	-6.75	-1.20357	-6.93	-0.77427	39.77	
447.9	12	-3.86	1357.644	-2004.17	-4.05109	-0.97539	302.726	-436.867	-17.23	-0.96848	-6.85	-1.19105	-6.89	-0.75977	53.08	
447.9	13	-3.89	1378.861	-1977.11	-4.08067	-0.96181	292.127	-444.588	-17.22	-0.98947	-6.95	-1.18023	-6.85	-0.74595	44.7	
447.9	14	-3.93	1391.559	-1952.93	-4.12435	-0.95117	280.877	-453.821	-17.19	-1.01466	-7.06	-1.16344	-6.83	-0.73816	53.03	
447.9	15	-3.98	1395.217	-1932.16	-4.18962	-0.94539	269.034	-464.543	-17.14	-1.04576	-7.18	-1.1708	-6.81	-0.72962	33.35	
447.9	16	-4.04	1389.598	-1915.2	-4.22692	-0.94312	258.014	-476.658	-17.07	-1.07644	-7.31	-1.17291	-6.8	-0.72466	30.77	
447.9	17	-4.11	1374.753	-1892.28	-4.28595	-0.945	244.4919	-490.024	-16.97	-1.10805	-7.43	-1.17088	-6.81	-0.72571	28.88	
447.9	18	-4.17	1351.071	-1863.45	-4.4077	-0.95105	231.893	-504.474	-16.85	-1.13995	-7.56	-1.19175	-6.82	-0.73032	27.44	
447.9	19	-4.24	1319.927	-1838.62	-4.4918	-0.96115	219.318	-519.904	-16.71	-1.17153	-7.69	-1.20841	-6.85	-0.72712	26.11	
447.9	20	-4.31	1279.553	-1887.51	-4.58	-0.97505	206.9429	-535.787	-16.56	-1.20221	-7.81	-1.22958	-6.88	-0.74687	25.43	
447.9	21	-4.39	1233.762	-1888.7	-4.67015	-0.99239	194.8993	-552.177	-16.39	-1.23148	-7.93	-1.25479	-6.92	-0.75922	24.7	
447.9	22	-4.46	1182.688	-1884.62	-4.76004	-1.01087	183.3418	-568.716	-16.21	-1.25984	-8.03	-1.28341	-6.97	-0.77375	24.28	
447.9	23	-4.53	1128.333	-1901.59	-4.84766	-1.03527	172.4117	-585.141	-16.03	-1.28426	-8.13	-1.31464	-7.02	-0.78996	23.95	
447.9	24	-4.59	1071.594	-1909.83	-4.93144	-1.05947	162.2364	-601.193	-15.85	-1.30722	-8.2	-1.34758	-7.08	-0.80726	23.77	
447.9	25	-4.65	1014.207	-1915.5	-5.01049	-1.08449	152.9259	-616.82	-15.68	-1.32769	-8.27	-1.38116	-7.13	-0.82505	23.71	
447.9	26	-4.71	957.7011	-1926.71	-5.08475	-1.1095	144.5993	-631.188	-15.51	-1.34564	-8.32	-1.41444	-7.19	-0.84266	23.76	
447.9	27	-4.78	903.2444	-1933.58	-5.155	-1.13386	137.2322	-644.983	-15.36	-1.36109	-8.36	-1.44444	-7.25	-0.85945	23.9	
447.9	28	-4.81	853.8662	-1938.23	-5.22284	-1.15817	130.5745	-656.919	-15.22	-1.37403	-8.4	-1.47627	-7.31	-0.87477	24.1	
447.9	29	-4.86	807.5623	-1939.85	-5.2505	-1.17632	125.7491	-667.74	-15.1	-1.38668	-8.43	-1.50321	-7.37	-0.88803	24.33	
447.9	30	-4.91	767.6587	-1937.71	-5.30084	-1.19346	121.9012	-677.025	-14.99	-1.39308	-8.47	-1.52687	-7.44	-0.89871	24.55	
447.9	31	-4.97	735.069	-1931.16	-5.34903	-1.20709	118.4688	-684.691	-14.9	-1.39947	-8.51	-1.54622	-7.51	-0.90636	24.74	
447.9	32	-5.04	704.441	-1916.7	-5.37937	-1.2198	116.2833	-690.669	-14.83	-1.404	-8.57	-1.56159	-7.58	-0.91903	24.95	
447.9	33	-5.12	691.3508	-1902.96	-5.61267	-1.22232	114.9514	-695.01	-14.78	-1.40688	-8.65	-1.57361	-7.66	-0.91126	24.86	
447.9	34	-5.21	680.8075	-1880.75	-5.71983	-1.22348	114.3578	-697.681	-14.75	-1.40833	-8.75	-1.57925	-7.74	-0.90812	24.74	
447.9	35	-5.31	677.6542	-1853	-5.83748	-1.22012	114.3676	-701.544	-14.73	-1.40566	-8.87	-1.58158	-7.83	-0.90119	24.6	
447.9	36	-5.43	681.0608	-1819.85	-5.97	-1.21268	114.8301	-698.347	-14.74	-1.40782	-9.02	-1.57972	-7.93	-0.89057	24.07	
447.9	37	-5.56	690.6444	-1781.56	-6.11594	-1.20097	115.5352	-696.55	-14.76	-1.40636	-9.19	-1.57991	-8.03	-0.87945	23.53	
447.9	38	-5.67	705.3008	-1738.57	-6.27446	-1.1854	116.4571	-693.815	-14.71	-1.40443	-9.37	-1.56415	-8.13	-0.85918	23.3	
447.9	39	-5.86	723.938	-1691.44	-6.44435	-1.16639	117.2768	-689.308	-14.85	-1.40229	-9.6	-1.5517	-8.24	-0.83918	22.15	
447.9	40	-6.08	745.1919	-1640.66	-6.64236	-1.143	118.054	-684.668	-14.91	-1.40023	-9.84	-1.5344	-8.35	-0.81988	20.6	
447.9	41	-6.31	767.126	-1587.6	-6.81169	-1.12017	118.0467	-678.002	-14.98	-1.39851	-10.1	-1.51836	-8.46	-0.79321	20.54	
447.9	42	-6.37	791.0151	-1532.53	-7.00607	-1.09431	117.7468	-672.275	-15.06	-1.39741	-10.38	-1.49897	-8.58	-0.76855	19.73	
447.9	43	-6.46	812.6489	-1476.13	-7.20595	-1.067	116.7206	-665.86	-15.14	-1.39719	-10.61	-1.47874	-8.69	-0.74371	19.2	
447.9	44	-6.75	831.7642	-1420.54	-7.41069	-1.04109	114.8605	-658.619	-15.24	-1.39811	-10.97	-1.4585	-8.81	-0.71943	18.15	
447.9	45	-6.94	847.1989	-1365.43	-7.62302	-1.01547	112.7107	-651.603	-15.33	-1.40014	-11.28	-1.43918	-8.93	-0.69643	17.42	
447.9	46	-7.14	867.1438	-1302.07	-7.84849	-0.99169	108.3676	-644.644	-15.43	-1.40214	-11.61	-1.42174	-9.06	-0.67541	16.7	
447.9	47	-7.36	883.1716	-1261.24	-8.08567	-0.97063	103.3311	-637.855	-15.53	-1.40099	-11.93	-1.40718	-9.2	-0.65698	16.12	
447.9	48	-7.65	902.266	-1213.47	-8.32847	-0.95037	97.6956	-629.129	-15.63	-1.41741	-12.26	-1.39648	-9.34	-0.64172	15.4	
447.9	49	-7.76	854.8406	-1169.85	-8.51923	-0.93975	90.57001	-625.136	-15.73	-1.42092	-12.6	-1.39053	-9.49	-0.63009	15.05	
447.9	50	-7.88	840.7505	-1130.33	-8.76348	-0.93127	82.4705	-619.322	-15.83	-1.43846	-12.93	-1.39302	-9.66	-0.62251	14.6	
447.9	51	-8.21	820.0941	-1095.37	-9.01904	-0.92613	73.24472	-613.913	-15.93	-1.45025	-13.26	-1.38616	-9.84	-0.61925	14.21	
447.9	52	-8.44	793.2066	-1065.13	-9.27582	-0.93069	63.04874	-608.914	-16	-1.46762	-13.59	-1.40087	-10.02	-0.62052	13.87	
447.9	53	-8.69	754.644	-1028.03	-9.54446	-0.93913	51.8257	-604.313	-16.08	-1.48506	-13.9	-1.42654	-10.22	-0.62639	13.6	
447.9	54	-8.9	713.7223	-1018.63	-9.80718	-0.95343	39.97026	-600.08	-16.21	-1.45055	-14.22	-1.45055	-10.42	-0.63918	13.29	
447.9	55	-9.13	681.6827	-1001.9	-10.0713	-0.97327	27.26066	-596.176	-16.22	-1.52006	-14.47	-1.4679	-10.63	-0.65188	13.25	
447.9	56	-9.35	637.26	-986.864	-10.126	-1.04675	13.9924	-592.55	-16.28	-1.54719	-14.73	-1.52625	-10.84	-0.67033	13.3	
447.9	57	-9.55	591.0398	-979.307	-10.5727	-1.02779	0.209796	-589.149	-16.34	-1.57044	-14.93	-1.56887	-11.04	-0.69254	13.13	
447.9	58	-9.74	544.5122	-972.203	-10.8117	-1.00448	-13.9348	-585.916	-16.38	-1.59451	-15.11	-1.61429	-11.23	-0.71748	13.16	
447.9	59	-9.91	497.892	-966.865	-11.0104	-1.0521	-28.3152	-582.799	-16.42	-1.61934	-15.27	-1.66022	-11.41	-0.74422	13.21	
447.9	60	-10.07	453.4943	-962.668	-11.2001	-1.13055	-42.8085	-579.747	-16.45	-1.6544	-15.39	-1.7072	-11.57	-0.77178	13.29	
447.9	61	-10.2	413.5213	-959.66	-11.3923	-1.24675	-56.158	-574.544	-16.48	-1.69892	-15.51	-1.75175	-11.72	-0.79904	13.32	
447.9	62	-10.33	373.5089	-953.866	-11.5295	-1.19721	-71.8747	-573.687	-16.5	-1.69509	-15.62	-1.7935	-11.85	-0.82488	13.4	
447.9	63	-10.45	340.5449	-947.659	-11.6795	-1.22581	-85.8411	-570.631	-16.52	-1.72011	-15.74	-1.83169	-11.97	-0.84822	13.39	
447.9	64	-10.56	312.3315	-939.18	-11.8261	-1.26134	-99.1713	-564.751	-16.53	-1.74471	-15.86	-1.86953	-12.07	-0.86909	13.4	
447.9	65	-10.68	289.6646	-927.777	-12.0171	-1.26817	-113.213	-564.435	-16.54	-1.76875	-16.06	-1.89613	-12.17	-0.88837	13.12	
447.9	66	-10.81	272.7205	-912.774	-12.2212	-1.2944	-126.351	-561.323	-16.59	-1.80249	-16.29	-1.92948	-12.25	-0.89442	12.86	
447.9	67	-10.96	251.416	-893.676	-12.3597	-1.28618	-138.689	-558.241	-16.54	-1.83571	-16.57	-1.94543	-12.35	-0.89892	12.46	
447.9	68	-11.12	225.5906	-870.088	-12.5293	-1.28508	-150.981	-555.229	-16.54	-1.8363	-16.92	-1.9696	-12.45	-0.89967	11.97	
447.9	69	-11.31	254.6263	-841.741	-12.671	-1.2856	-162.52	-552.34	-16.54	-1.85701	-17.35	-1.98366	-12.55	-0.89998	11.58	
447.9	70	-11.52	258.004	-806.511	-13.1651	-1.2619	-173.59	-546.628	-16.53	-1.89761	-17.68	-2.00136	-12.66	-0.88257	10.73	
447.9	71	-11.75	244.7919	-770.394	-13.5208	-1.23974	-184.099	-547.152	-16.51	-1.95383	-18.48	-2.01961	-12.79	-0.8		

447.9 90 182 -4.28 -28.6724 102.1509 -31.2258 1.844441 -1898.07 1388.525 -4.29 2.506084 -7.06 0.970311 -7.54 -2.24229 31.17
447.9 90 183 -28.9405 102.1058 -31.2213 1.847901 -1807.65 1387.682 -4.29 2.525868 -7.06 0.976343 -7.53 -2.23811 31.14
447.9 90 184 -27.3984 102.0562 -31.1775 1.850687 -1916.76 1376.229 -7.05 2.518889 -7.05 0.982457 -7.53 -2.22983 31.11
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447.9 90 187 -428 -10.911 101.911 -31.2122 1.85806 -1941.16 1338.349 -4.29 2.537976 -7.05 1.001248 -7.54 -2.21047 30.96
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447.9 90 189 -4.3 -30.3968 101.7798 -31.2157 1.861037 -1954.87 1310.302 -4.31 2.551094 -7.07 1.014122 -7.56 -2.19712 30.84
447.9 90 190 -4.31 -30.48 101.6973 -31.2202 1.86199 -1960.92 1295.484 -4.32 2.557766 -7.08 1.020654 -7.58 -2.19032 30.78
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447.9 90 196 -4.43 -30.1383 100.8248 -31.297 1.861259 -1985.33 1196.393 -4.44 2.595251 -7.18 1.061033 -7.71 2.14777 30.31
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447.9 90 200 -4.56 -29.1468 99.7244 -31.4078 1.855144 -1989.54 1121.761 -4.57 2.628193 -7.3 1.088945 -7.85 -2.11781 29.97
447.9 90 201 -4.6 -28.8101 99.3688 -31.4445 1.85289 -1989 1102.174 -4.6 2.63558 -7.34 1.096033 -7.89 2.11013 29.88
447.9 90 202 -4.64 -28.4398 98.9742 -31.485 1.850003 -1987.8 1082.247 -4.65 2.643025 -7.37 1.103163 -7.94 2.10237 29.8
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447.9 90 208 -4.94 -25.5746 95.7373 -31.819 1.831834 -1966.52 956.406 -4.94 2.68983 -7.66 1.146808 -8.25 2.05417 29.31
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447.9 90 212 -5.19 -23.1485 92.6438 -32.1406 1.815649 -1939.64 868.234 -5.2 2.720738 -7.9 1.176759 -8.52 2.02043 29.04
447.9 90 213 -5.26 -22.4912 91.7423 -32.2351 1.81121 -1932.87 844.994 -5.27 2.728851 -7.97 1.18436 -8.59 2.01179 28.97
447.9 90 214 -5.33 -21.8167 90.7876 -32.3357 1.80663 -1920.16 822.1748 -5.34 2.737301 -8.04 1.192016 -8.67 2.00305 28.92
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447.9 90 222 -6.04 -16.0207 81.1506 -33.3881 1.767079 -1818 635.5055 -6.06 2.805235 -8.74 1.255504 -9.38 1.92985 28.63
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447.9 90 225 -6.36 -13.7886 76.5953 -33.9173 1.748905 -1767.92 564.4602 -6.27 2.832244 -9.06 1.280675 -9.71 1.90023 28.63
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447.9 90 228 -6.72 -11.5091 71.529 -34.5374 1.731618 -1711.33 493.3553 -6.72 2.860927 -9.42 1.306989 -10.05 1.86951 28.67
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447.9 90 230 -6.98 -10.2104 67.87172 -35.009 1.720113 -1670.1 446.0125 -6.99 2.880626 -9.68 1.325109 -10.32 1.8482 28.78
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447.9 90 232 -7.26 -8.87672 63.99617 -35.5342 1.708624 -1626.12 398.8533 -7.26 2.901062 -9.97 1.344026 -10.59 1.82611 28.98
447.9 90 233 -7.4 -8.23864 61.97883 -35.8191 1.702955 -1603.12 375.367 -7.4 2.911584 -10.12 1.353789 -10.7 1.81474 28.99
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447.9 90 239 -8.39 -4.98982 48.83072 -37.9217 1.671814 -1451.37 236.0305 -8.39 2.980378 -11.13 1.417994 -11.69 1.74205 29.83
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447.9 90 278 -16.7 -27.6551 -52.3087 -36.2881 -2.05713 -74.1574 -556.863 -16.7 1.70319 -19.43 3.104231 -20.04 0.23457 29.63
447.9 90 279 -16.48 -29.5282 -54.4215 -35.9039 -2.06793 -35.3609 -574.802 -16.53 1.63224 -19.62 3.11006 -19.9 0.16319 26.95
447.9 90 280 -16.23 -31.4668 -56.4688 -35.5294 -2.07918 3.33274 -592.668 -16.28 1.56517 -18.81 3.04007 -19.73 0.0944 25.49
447.9 90 281 -15.95 -33.47 -58.4478 -35.1729 -2.09086 41.9504 -610.468 -16.01 1.50226 -18.4 2.9887 -19.52 0.02897 26.83
447.9 90 282 -15.65 -35.5371 -60.3556 -34.833 -2.10284 80.3274 -628.202 -15.71 1.44362 -18.12 2.95273 -19.29 0.03368 23.45
447.9 90 283 -15.34 -37.667 -62.384 -34.504 -2.11531 118.598 -646.8 -15.36 1.38621 -17.76 2.93204 -19.03 0.02942 20.6
447.9 90 284 -15.01 -39.8587 -63.9463 -34.1982 -2.12818 156.6599 -663.055 -15.07 1.33893 -17.4 2.83767 -18.69 0.14783 22.16
447.9 90 285 -14.68 -42.111 -65.6236 -33.9011 -2.14132 194.5265 -681.082 -14.74 1.29259 -17.04 2.79268 -18.47 0.19903 21.71
447.9 90 286 -14.35 -44.4228 -67.3102 -33.6164 154.78 222.1654 -698.16 -14.4 2.46986 -16.6 2.75857 -18.17 0.24699 20.63
447.9 90 287 -14.01 -46.7927 -68.7288 -33.3432 -2.18584 269.5573 -716.111 -14.08 1.21078 -16.32 2.72423 -17.86 0.291502 21.08
447.9 90 288 -13.68 -49.174 -70.1515 -33.0808 -2.19821 306.156 -733.573 -13.74 1.17481 -15.97 2.69826 -17.55 0.33273 20.84
447.9 90 289 -13.35 -51.7014 -71.4843 -32.8286 -2.1969

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Manufacturer:Shenzhen WeProTalk Technology Co., Ltd.

Address:Yihua Financial Technology Building, Room 2501, 3939 Baishi Road,Binhai Community,
Yuehai Street, Nanshan District, Shenzhen City

Antenna model : YZ11002

Antenna size : Length 83.2mm , Width 1.5mm ,
Copper Foil Thickness 1oz (0.035mm)

