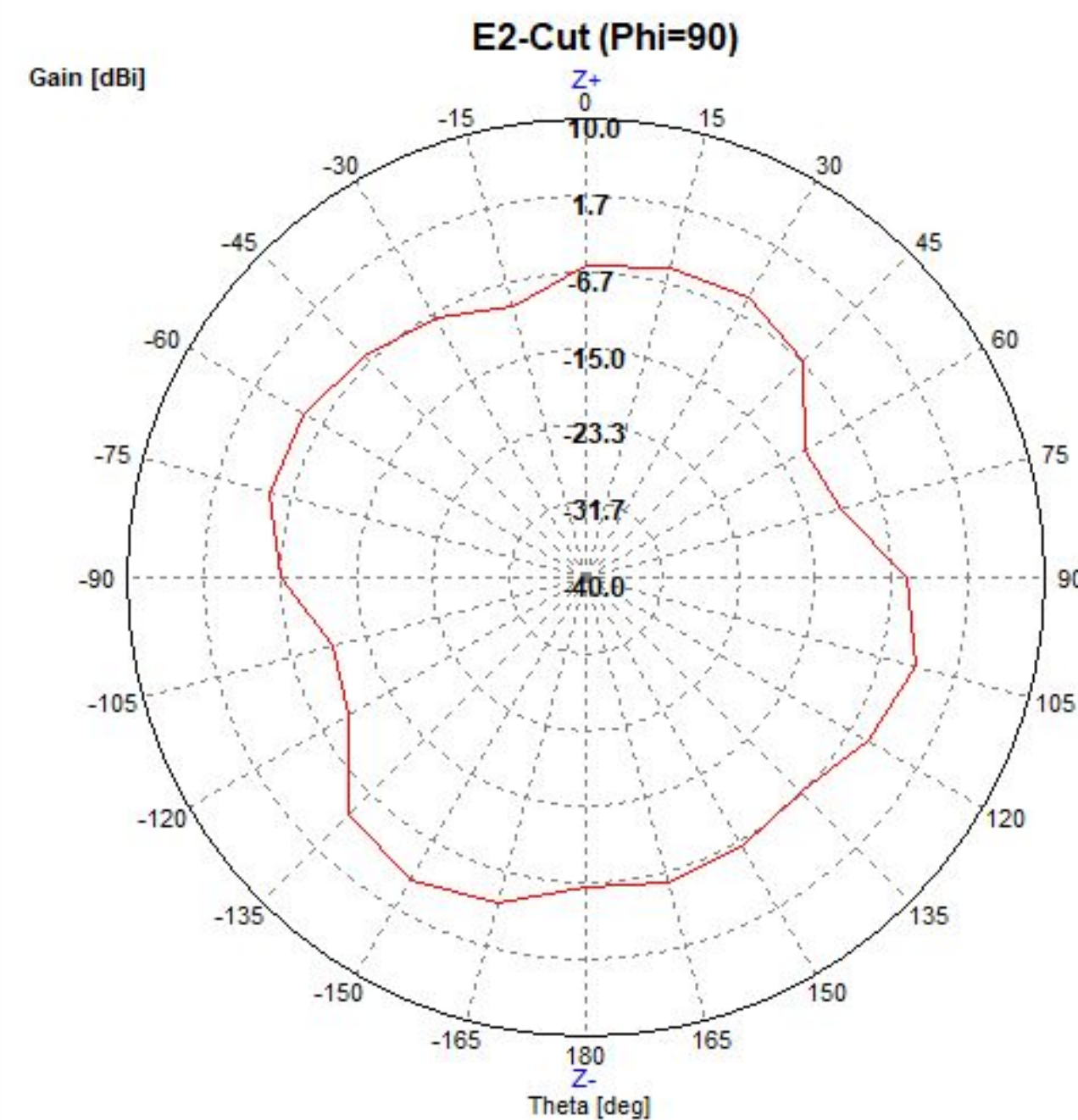


Plot Data

Polarization : Powr-Sum

Frequency : 434,000 [MHz]



Frequency	434 MHz
Average[dBi]	-6.126
EFF	24.401

H-Pol Amplitude[dB]

Th/Ph	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345
0	-19.9125	-19.5408	-19.5581	-18.9562	-17.4367	-16.1729	-15.1641	-13.742	-12.7787	-12.0819	-11.8235	-11.7227	-12.0515	-12.6084	-13.4329	-14.9686	-16.9179	-19.483	-22.5461	-24.6052	-24.4412	-22.6135	-21.4159	-20.2934
15	-18.8238	-18.5712	-17.6546	-17.217	-15.9627	-14.6204	-13.6504	-12.3816	-11.7764	-11.3187	-10.9773	-11.0014	-11.2186	-11.7587	-12.6282	-13.7451	-15.3396	-18.4726	-20.1607	-22.4424	-23.0706	-21.1933	-19.8916	-19.5208
30	-16.1347	-15.911	-15.6294	-15.1596	-14.3305	-13.2409	-12.3442	-11.5116	-10.9669	-10.6997	-10.3477	-10.3468	-10.6105	-11.2984	-11.9998	-13.2032	-14.4357	-16.5455	-18.2003	-19.67	-19.6719	-18.5488	-17.5323	-16.6401
45	-17.4466	-17.4353	-17.3826	-16.9454	-15.6372	-14.1587	-13.2298	-12.1262	-11.393	-11.065	-10.8957	-10.7021	-11.0839	-11.4576	-12.3757	-13.3186	-14.7761	-16.9041	-19.1859	-22.0394	-22.2687	-20.2142	-18.7097	-17.9947
60	-31.2714	-42.3085	-32.0298	-24.4211	-19.4272	-16.8786	-14.7793	-13.5431	-12.7866	-12.1092	-11.8067	-11.6581	-11.7359	-11.909	-12.3156	-13.011	-14.1301	-16.8546	-17.9812	-21.4452	-26.4198	-32.1691	-31.3409	-28.7948
75	-17.4265	-17.5445	-17.6747	-17.2635	-16.2494	-15.0079	-14.0242	-12.7993	-12.1081	-11.6274	-11.2699	-10.8893	-10.8099	-10.6257	-10.7854	-11.1129	-11.6258	-12.4106	-13.2807	-14.4182	-15.3577	-16.1516	-16.9179	-16.9685
90	-12.0585	-12.3457	-12.6996	-12.9689	-13.086	-13.0574	-12.9719	-12.5393	-12.0722	-11.6924	-11.0682	-10.8723	-10.6477	-10.4238	-10.3731	-10.4428	-10.6083	-11.067	-11.214	-11.472	-11.7537	-11.818	-11.82	-12.0192
105	-11.9586	-12.2774	-12.7633	-13.1602	-13.91	-14.7152	-15.433	-15.4331	-15.4898	-15.2024	-14.4104	-13.9887	-13.4996	-13.0386	-12.9722	-12.9596	-13.1544	-13.0967	-13.1553	-12.8945	-12.8359	-12.4833	-12.0787	-11.9765
120	-14.3681	-14.5424	-15.3757	-16.1995	-17.7533	-19.5282	-21.37	-22.1566	-22.1672	-20.8739	-19.662	-18.581	-18.2661	-18.9868	-19.8455	-22.16	-24.9098	-26.8836	-25.597	-21.4881	-18.577	-16.635	-15.2927	-14.5649
135	-7.9164	-8.05682	-8.21191	-8.5941	-8.67772	-8.97157	-9.03357	-8.98828	-8.95345	-8.66221	-8.43965	-8.31366	-8.26769	-8.44251	-8.51839	-8.81753	-9.06445	-9.20556	-9.15556	-8.96671	-8.73287	-8.49551	-8.15009	-7.9043
150	-6.39331	-6.56023	-6.64122	-6.81888	-6.79122	-6.86329	-6.64236	-6.32262	-6.07263	-5.70273	-5.35731	-5.32744	-5.21148	-5.31455	-5.54924	-5.67887	-5.81253	-5.99464	-6.21239	-6.17565	-6.26876	-6.21469	-6.25014	-6.34321
165	-8.16364	-8.34886	-8.38273	-8.12635	-7.75892	-7.2718	-6.66245	-5.87224	-5.39337	-4.95193	-4.57832	-4.41685	-4.43721	-4.52143	-4.74277	-5.11458	-5.51657	-5.91701	-6.40921	-6.85037	-7.2228	-7.54587	-7.70574	-7.99504
180	-13.8875	-13.5302	-12.7061	-11.6052	-10.3685	-9.0365	-7.97064	-7.01812	-6.38282	-5.74307	-5.4235	-5.37392	-5.38969	-5.69559	-6.03848	-6.64431	-7.2595	-8.75634	-9.11153	-10.109	-11.2428	-12.2975	-13.1542	-13.541

V-Pol Amplitude[dB]

Th/Ph	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345
0	-10.661	-9.578	-8.392	-7.209	-6.875	-6.468	-6.438	-6.523	-6.941	-7.545	-8.107	-8.809	-9.362	-9.623	-10.139	-10.058	-10.081	-10.193	-10.596	-10.916	-11.497	-11.743	-11.782	-11.465
15	-9.342	-8.259	-7.38	-6.302	-6.106	-5.782	-5.826	-6.006	-6.199	-6.841	-7.329	-7.737	-8.103	-8.267	-8.57	-8.767	-8.953	-9.328	-9.654	-10.157	-10.644	-10.734	-10.594	-10.139
30	-8.264	-7.383	-6.729	-5.981	-5.688	-5.52	-5.566	-5.788	-6.037	-6.425	-6.73	-6.882	-6.962	-6.897	-6.928	-6.955	-7.151	-7.364	-7.729	-8.251	-8.819	-9.102	-9.159	-8.877
45	-8.874	-8.446	-8.087	-7.559	-7.282	-7.244	-7.397	-7.585	-7.768	-7.881	-7.719	-7.458	-6.911	-6.591	-6.138	-5.805	-5.725	-5.648	-6.049	-6.459	-7.133	-7.654	-8.449	-8.933
60	-10.831	-12.201	-13.897	-14.503	-15.034	-15.734	-16.124	-16.261	-15.515	-13.813	-11.822	-10.029	-8.552	-7.438	-6.286	-5.473	-4.998	-4.612	-4.722	-5.063	-5.76	-6.515	-7.749	-9.32
75	-11.085	-13.467	-15.959	-16.395	-15.938	-15.094	-14.545	-13.904	-13.653	-13.397	-12.646	-11.496	-10.153	-8.544	-7.381	-6.389	-5.585	-5.08	-4.947	-5.1	-5.531	-6.414	-7.817	-9.348
90	-10.389	-9.52	-8.387	-7.336	-6.604	-5.966	-5.883	-6.079	-6.537	-7.11	-8.241	-9.388	-10.532	-11.187	-11.22	-10.598	-9.842	-9.11	-8.507	-8.6	-8.842	-9.499	-10.193	-10.412
105	-6.859	-5.419	-4.455	-3.632	-3.065	-2.826	-2.952	-3.33	-3.854	-4.751	-5.954	-6.954	-8.533	-10.003	-11.976	-14.136	-15.619	-16.996	-16.533	-15.239	-13.441	-11.829	-9.854	-8.312
120	-6.795	-5.72	-4.902	-4.459	-4.242	-4.247	-4.504	-5.157	-5.849	-6.736	-7.731	-8.709	-9.098	-9.521	-9.664	-9.789	-9.973	-9.944	-10.196	-10.252	-10.071	-9.593	-8.796	-7.819
135	-7.442	-7.936	-8.22	-8.753	-9.379	-9.979	-10.635	-11.315	-11.715	-11.447	-10.501	-9.263	-7.726	-6.858	-5.999	-5.387	-5.034	-3.981	-4.731	-4.946	-5.388	-5.905	-6.371	-6.913
150	-8.3	-9.644	-11.141	-12.84	-14.228	-14.822	-14.813	-13.535	-12.366	-11.024	-9.687	-8.183	-7.044	-5.991	-5.196	-4.642	-4.225	-3.962	-4.011	-4.24	-4.676	-5.303	-6.024	-7.211
165	-10.839	-12.057	-13	-13.361	-12.968	-12.482	-11.966	-11.526	-10.992	-10.346	-9.822	-9.17	-8.486	-7.603	-7.136	-6.54	-6.137	-5.997	-6.137	-6.401	-6.803	-7.586	-8.478	-9.573
180	-14.018	-14.213	-13.672	-12.747	-12.142	-11.637	-11.053	-11.063	-11.185	-11.362	-11.56	-11.41	-10.958	-10.636	-9.942	-9.597	-9.247	-9.05	-9.233	-9.491	-10.01	-11.039	-12.255	-13.264

V+H Pol Amplitude[dB]

Th/Ph	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345
0	-10.174	-9.16	-8.072	-6.928	-6.509	-6.026	-5.891	-5.769	-5.934	-6.236	-6.569	-7.015	-7.492	-7.854	-8.471	-8.843	-9.264	-9.71	-10.327	-10.734	-11.282	-11.401	-11.334	-10.931
15	-8.879	-7.873	-6.99	-5.964	-5.679	-5.248	-5.162	-5.106	-5.138	-5.516	-5.77	-6.059	-6.377	-6.661	-7.131	-7.569	-8.055	-8.829	-9.284	-9.908	-10.403	-10.36	-10.112	-9.665
30	-7.607	-6.813	-6.203	-5.486	-5.131	-4.842	-4.739	-4.758	-4.827	-5.046	-5.163	-5.267	-5.403	-5.552	-5.752	-6.03	-6.407	-6.869	-7.356	-7.948	-8.476	-8.634	-8.569	-8.205
45	-8.309	-7.929	-7.604	-7.086	-6.69	-6.44	-6.389	-6.277	-6.203	-6.177	-6.013	-5.774	-5.504	-5.366	-5.212	-5.096	-5.215	-5.334	-5.843	-6.341	-7.001	-7.419	-8.058	-8.425
60	-10.792	-12.197	-13.831	-14.081	-13.687	-13.259	-12.389	-11.683	-10.93	-9.868	-8.804	-7.757	-6.848	-6.111	-5.319	-4.768	-4.497	-4.361	-4.522	-4.964	-5.723	-6.504	-7.73	-9.271
75	-10.178	-12.034	-13.722	-13.797	-13.081	-12.041	-11.267	-10.306	-9.802	-9.412	-8.893	-8.172	-7.459	-6.451	-5.748	-5.128	-4.62	-4.343	-4.352	-4.619	-5.101	-5.976	-7.314	-8.655
90	-8.134	-7.696	-7.019	-6.287	-5.724	-5.191	-5.108	-5.195	-5.466	-5.813	-6.418	-7.056	-7.579	-7.779	-7.766	-7.509	-7.198	-6.969	-6.642	-6.793	-7.048	-7.495	-7.92	-8.131
105	-5.689	-4.605	-3.857	-3.173	-2.722	-2.554	-2.714	-3.07	-3.566	-4.376	-5.374	-6.17	-7.331	-8.251	-9.435	-10.498	-11.204	-11.612	-11.513	-10.9	-10.118	-9.134	-7.815	-6.758
120	-6.095	-5.185	-4.529	-4.178	-4.053	-4.12	-4.416	-5.071	-5.748	-6.577	-7.461	-8.283	-8.602	-9.055	-9.266	-9.544	-9.836	-9.857	-10.072	-9.937	-9.498	-8.81	-7.918	-6.986
135	-4.662	-4.986	-5.206	-5.663	-6.004	-6.436	-6.751	-6.987	-7.108	-6.825	-6.339	-5.752	-4.978	-4.568	-4.068	-3.761	-3.587	-2.841	-3.392	-3.497	-3.736	-4	-4.16	-4.37
150	-4.232	-4.824	-5.322	-5.85	-6.071	-6.219	-6.026	-5.567	-5.157	-4.585	-3.993	-3.514	-3.022	-2.629	-2.359	-2.119	-1.936	-1.85	-1.963	-2.09	-2.39	-2.725	-3.125	-3.745
165	-6.288	-6.808	-7.094	-6.988	-6.615	-6.128	-5.54	-4.827	-4.337	-3.85	-3.442	-3.163	-2.996	-2.784	-2.766	-2.759	-2.805	-2.947	-3.261	-3.609	-3.998	-4.555	-5.064	-5.702
180	-10.942	-10.848	-10.152	-9.128	-8.155	-7.135	-6.234	-5.575	-5.141	-4.691	-4.477	-4.408	-4.326	-4.488	-4.555	-4.864	-5.13	-5.89	-6.162	-6.779	-7.572	-8.613	-9.671	-10.39