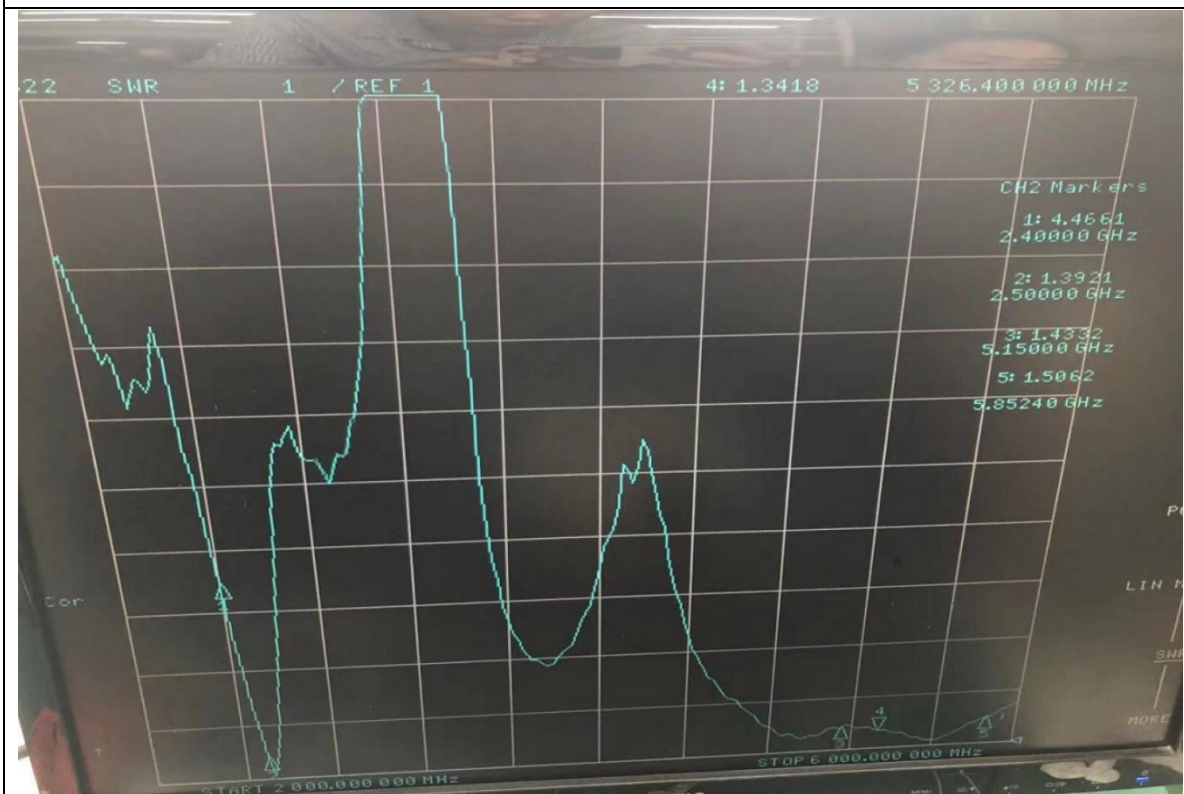


TOP-30AX-2.5G Antenna Specification

Frequency Range	2.4GHz & 5.8GHz
Impedance	50 Ohms nominal
Gain	4dBi
Radiation	Omni
Polarization	Vertical

S-Parameters (2.4/ 5.8G #2 VSWR)

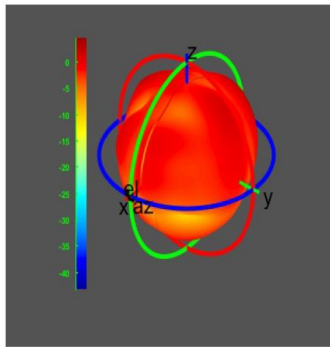


Antenna Efficiency & Peak Gain (2.4/5.8G#2)

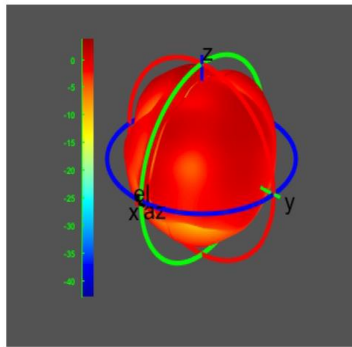
Frequency (MHz)	Directivity(dB)	Gain(dB)	Efficiency(dB)	Efficiency(%)	BRFphi=0	BRFphi=90	BRFtheta=90	Lossness(theta=0)	Lossness(theta=0)	Lossness(theta=90)	Peak Gain(dBi) (Gain)
2400	6.3353	4.41	-1.9253	64.1905	53.8117	65.4418	54.9686	6.5873	13.6366	6.7307	38
2450	5.9209	3.6652	-1.3557	73.1868	51.948	65.9976	115.8061	5.9739	11.9681	5.3284	34
2500	5.6424	3.9792	-1.6632	68.1836	54.7476	69.5025	100.4049	7.6784	9.0165	4.7983	72
5150	8.0104	4.3132	-3.6972	42.6853	39.2657	17.6771	71.4728	7.1057	11.3183	15.9552	2
5200	8.0108	3.4185	-4.5924	34.7348	39.9221	17.3414	70.4911	6.5451	12.3226	16.4138	4
5250	7.8239	2.6227	-5.0012	31.6138	42.3543	16.0389	72.915	7.4005	12.6833	15.6669	8
5300	8.0655	2.968	-5.0975	30.9206	40.2303	19.015	73.6867	9.3891	11.8026	15.555	22
5350	8.0825	2.9809	-5.1016	30.8917	35.4891	21.9018	72.2433	11.2179	10.9733	16.9255	0
5400	8.3839	3.459	-4.9248	32.1748	35.6284	24.9851	67.7328	12.0413	11.2309	17.931	0
5450	8.5071	4.6273	-3.8796	40.9277	37.99	24.6068	67.8689	11.6072	13.0435	19.1602	2
5500	8.5902	5.6339	-2.9543	50.6484	35.9196	28.4369	69.3701	10.92	15.967	17.7478	4
5550	8.6204	5.7178	-2.9026	51.2553	33.2672	35.666	69.5587	9.2637	14.4105	17.3706	6
5610	8.1581	5.7608	-2.3973	57.5801	34.5794	44.0294	66.6877	8.4687	13.9859	19.8	10
5670	7.0767	5.1349	-1.9418	63.9474	39.6406	39.6061	62.4705	9.351	11.0162	17.0613	14
5730	7.1306	5.1505	-1.9801	63.386	35.0325	33.7607	46.9087	13.3567	12.5148	14.5314	10
5790	7.4477	5.0303	-2.4174	57.314	33.5088	72.4597	40.1525	11.7179	14.536	15.6735	10
5850	6.988	4.4866	-2.5013	56.2171	39.1351	77.913	39.6082	10.4361	18.9779	14.9526	168
5900	7.1781	4.7188	-2.4613	56.7374	40.0221	76.4709	40.8435	10.0351	19.9536	14.6616	14
5950	7.3855	4.5964	-2.7891	52.6127	40.1784	59.7174	71.7295	8.8555	19.6051	14.2134	14
6000	7.6448	4.747	-2.8978	51.3123	41.5137	61.8456	64.5915	8.4005	18.2329	14.5507	168

Radiation patterns- 3D (2.4G#2)

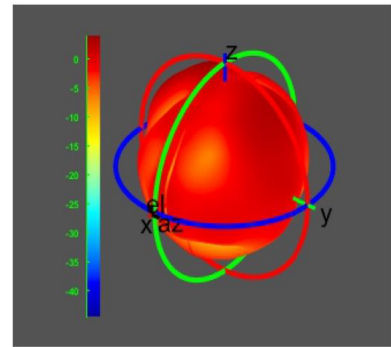
2400MHz



2450MHz

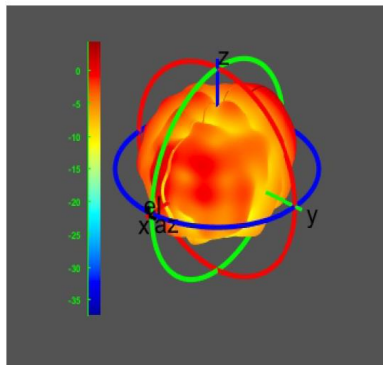


2500MHz

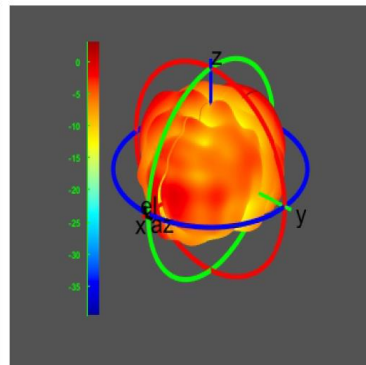


Radiation patterns- 3D (5.8G#2)

5150MHz



5350MHz



5850MHz

