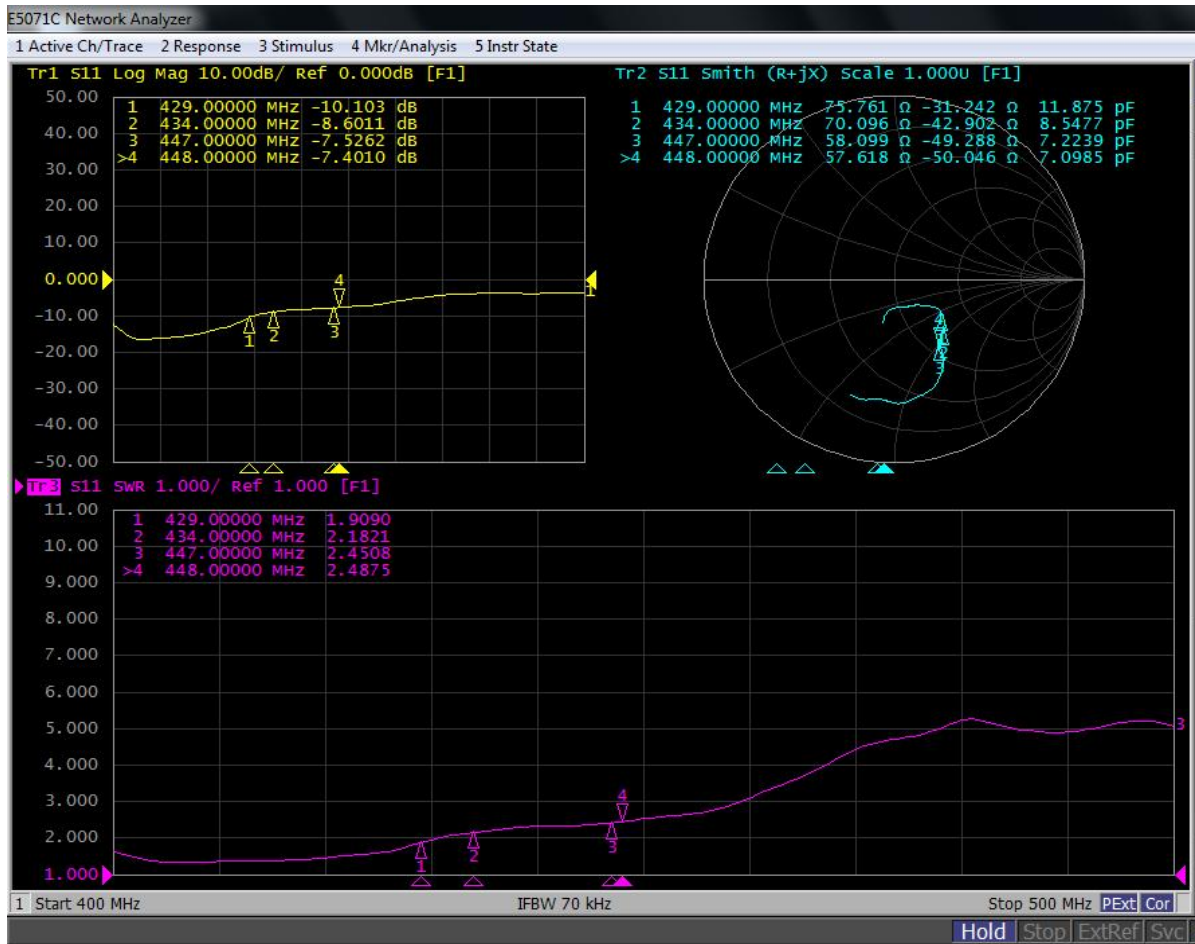
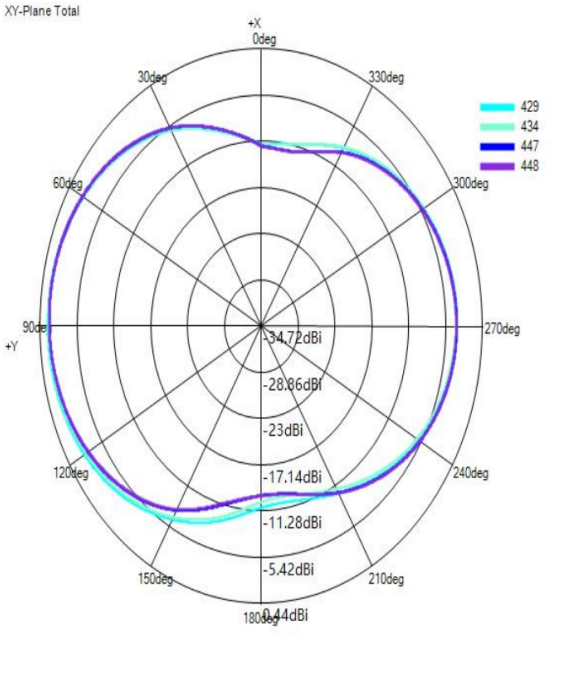


Manufacturer **Ningbo Dooya Mechanic & Electronic Technology Co., Ltd**
Model H03RN-F
Address: No.168 Shengguang Road, Luotuo, Zhenhai 315202 Ningbo, Zhejiang province

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
429	1.151206756	-3.585413251	43.7984433
434	1.421769189	-3.591901805	43.73305532
447	1.63501478	-3.233056081	47.50008556
448	1.723608103	-3.214047794	47.70844051

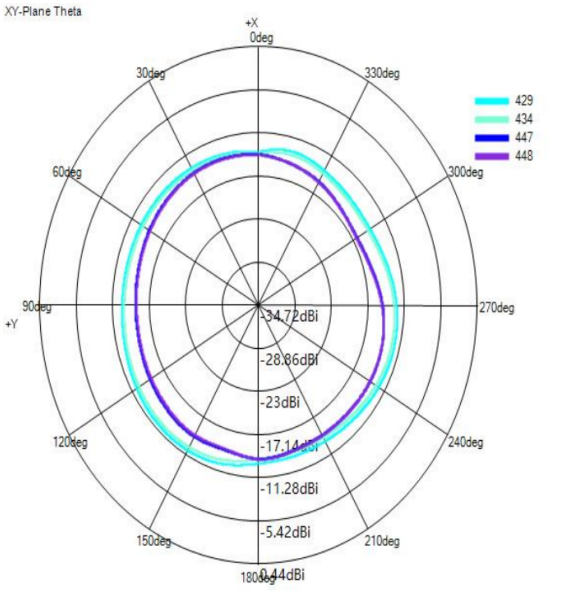


XY-Plane Total



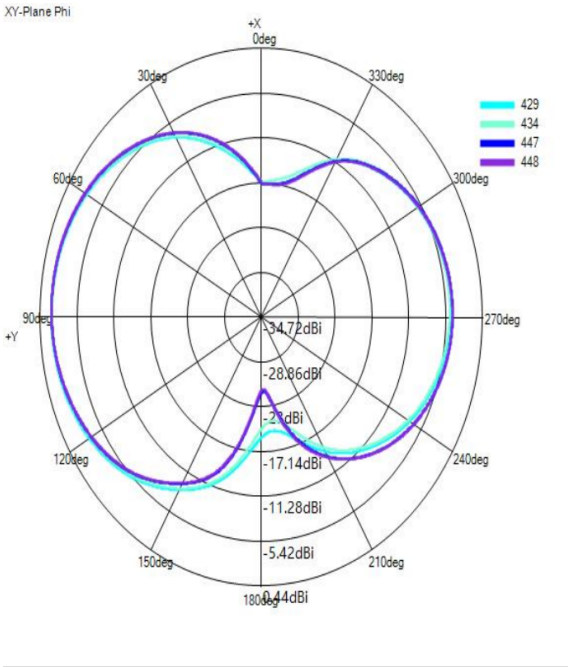
Freq(MHz)	Max.	Ave.	Min.
429	-0.571143027	-4.123124779	-9.814968111
434	-0.656014474	-4.245720273	-10.44686907
447	-0.745210509	-4.328723239	-10.98580684
448	-0.751094934	-4.348171718	-10.93972123

XY-Plane Theta



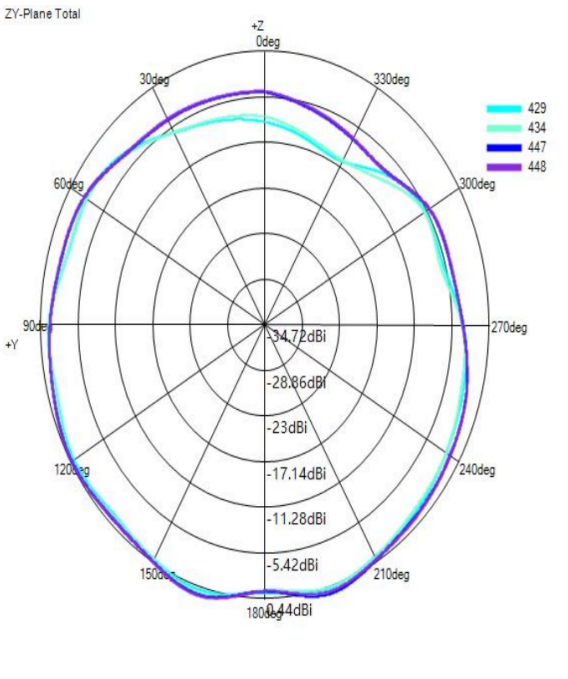
Freq(MHz)	Max.	Ave.	Min.
429	-9.812382609	-10.70429668	-11.62857394
434	-10.20865153	-11.06826607	-11.97785425
447	-11.48284712	-12.05789501	-13.607789
448	-11.40367428	-12.1363644	-13.69408123

XY-Plane Phi



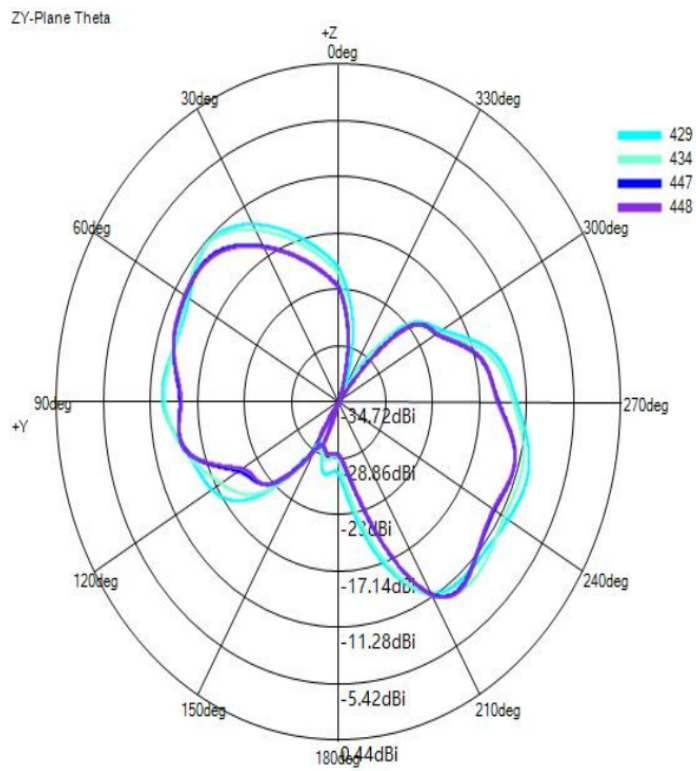
Freq(MHz)	Max.	Ave.	Min.
429	-1.029262631	-5.200657253	-15.73174802
434	-1.091299132	-5.257633914	-16.68530601
447	-1.056457189	-5.131079971	-20.64588429
448	-1.049732893	-5.138649376	-20.88273561

ZY-Plane Total



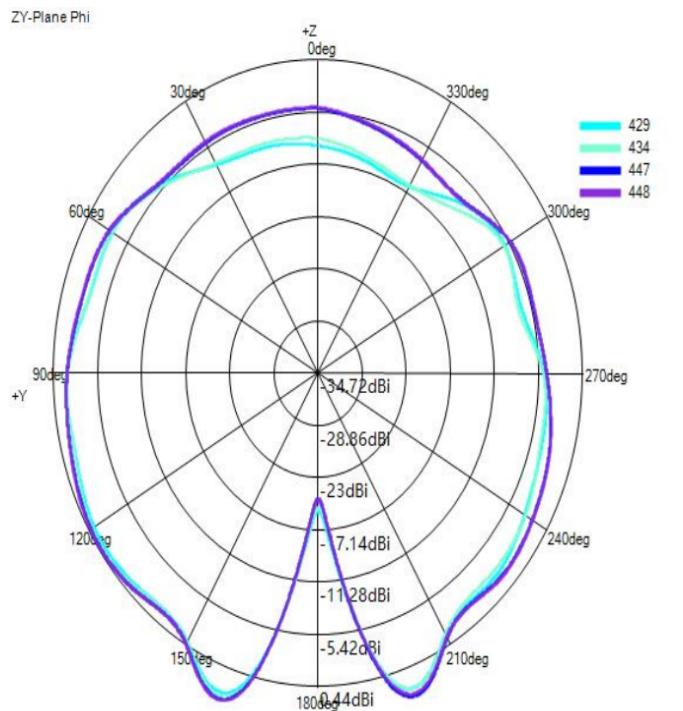
Freq(MHz)	Max.	Ave.	Min.
429	0.714232816	-2.356465014	-8.662457433
434	1.042196939	-2.375634023	-8.533873689
447	1.233344913	-1.741212863	-5.964622182
448	1.335037639	-1.734216006	-6.033956486

ZY-Plane Theta



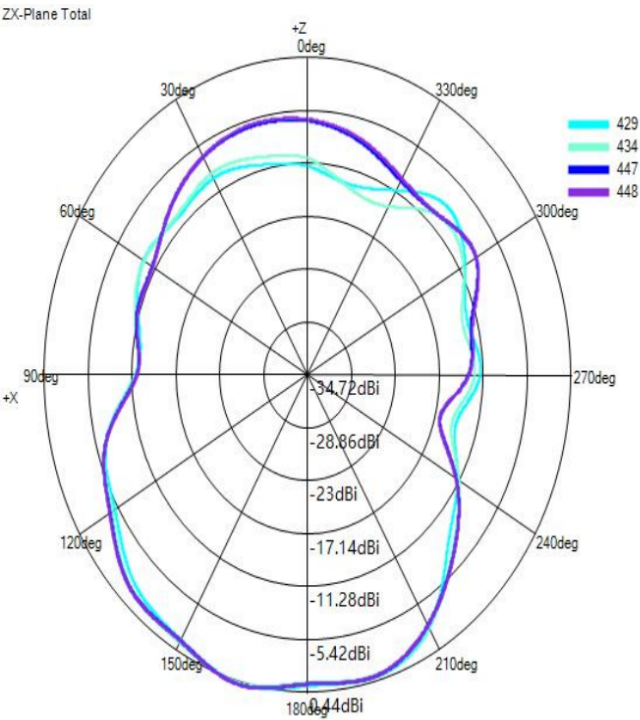
Freq(MHz)	Max.	Ave.	Min.
429	-8.39051715	-12.26083727	-27.72049863
434	-8.16185262	-12.43683183	-28.68499564
447	-9.07365757	-13.30528895	-33.87287629
448	-9.06209543	-13.34286775	-34.4446399

ZY-Plane Phi



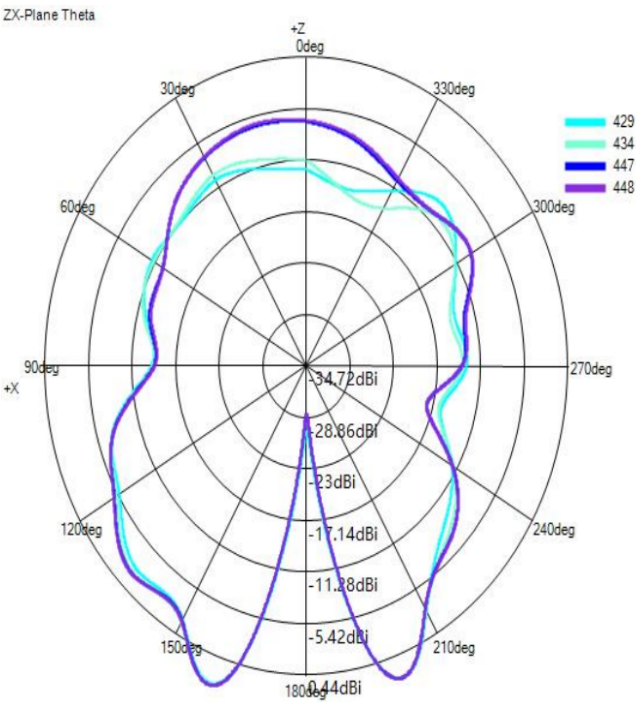
Freq(MHz)	Max.	Ave.	Min.
429	0.69392266	-2.82479637	-15.98486648
434	1.02751403	-2.8264621	-16.27164032
447	1.22107532	-2.05525220	-17.12379626
448	1.32310248	-2.04493110	-17.0547696

ZX-Plane Total



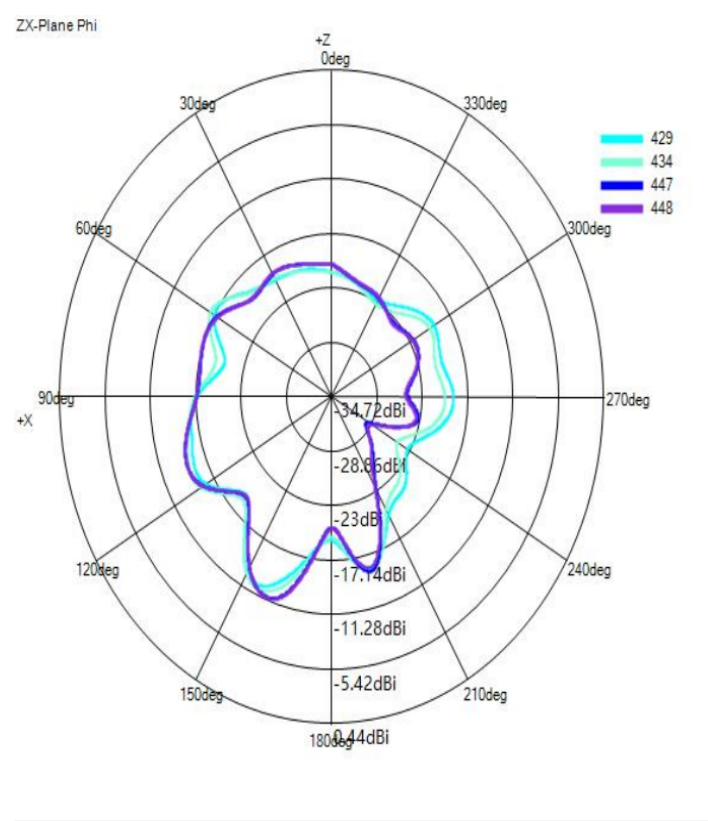
Freq(MHz)	Max.	Ave.	Min.
429	0.655523593	-5.79997611	-11.77977322
434	0.548479549	-5.692337509	-12.22672424
447	0.724035177	-5.156425116	-13.6284909
448	0.712951598	-5.113060781	-13.6680504

ZX-Plane Theta



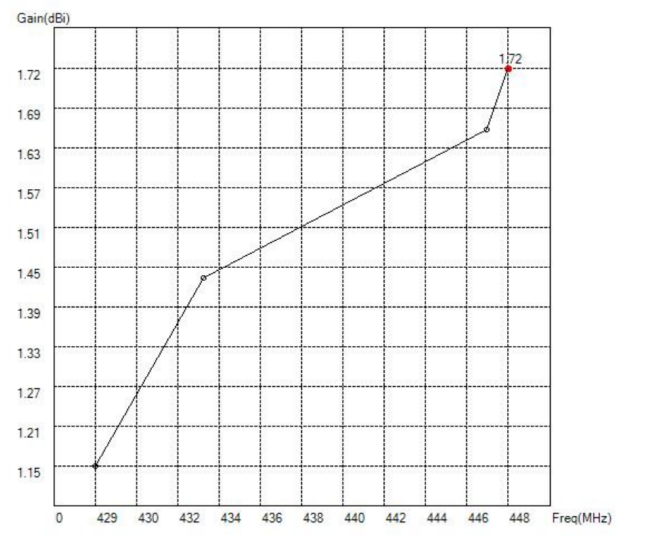
Freq(MHz)	Max.	Ave.	Min.
429	0.44101336	-6.28516260	-22.59663069
434	0.288661756	-6.16763133	-23.67486472
447	0.407312219	-5.53664454	-24.2623308
448	0.383548573	-5.48391417	-24.28049153

ZX-Plane Phi

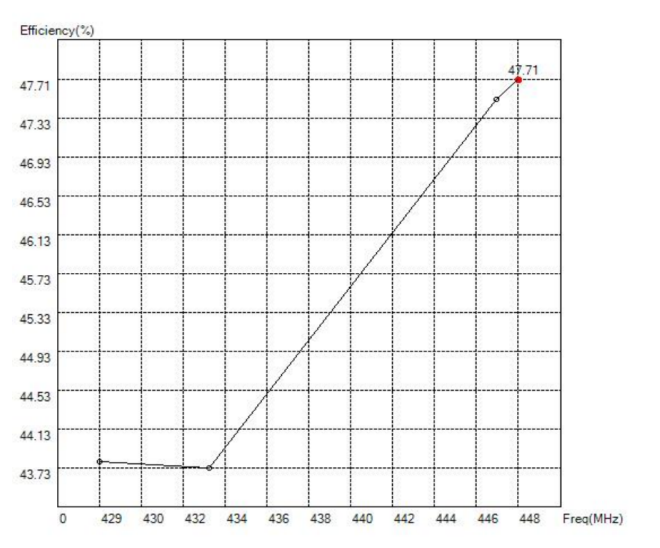


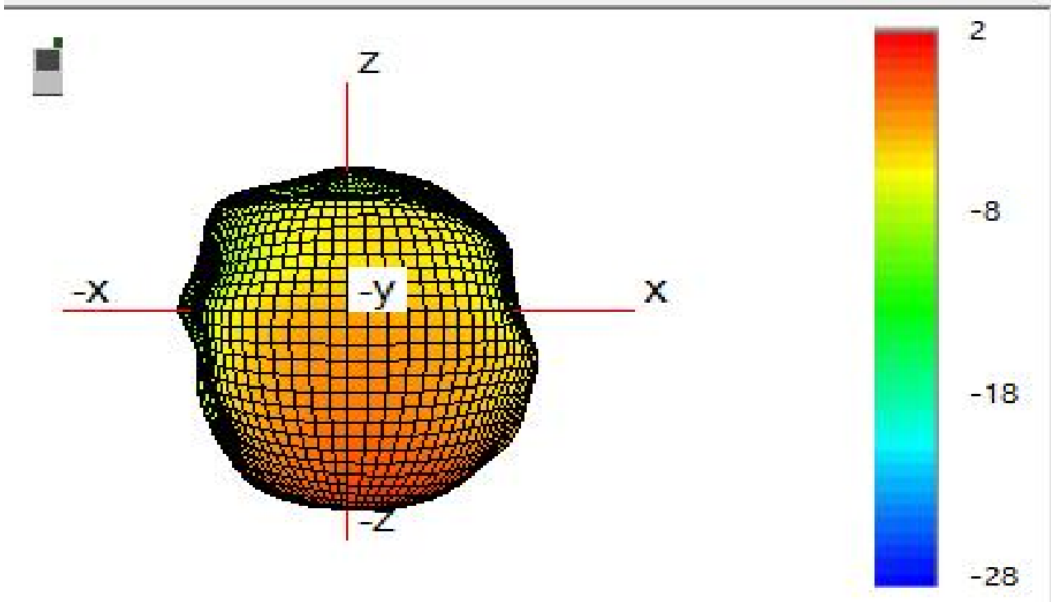
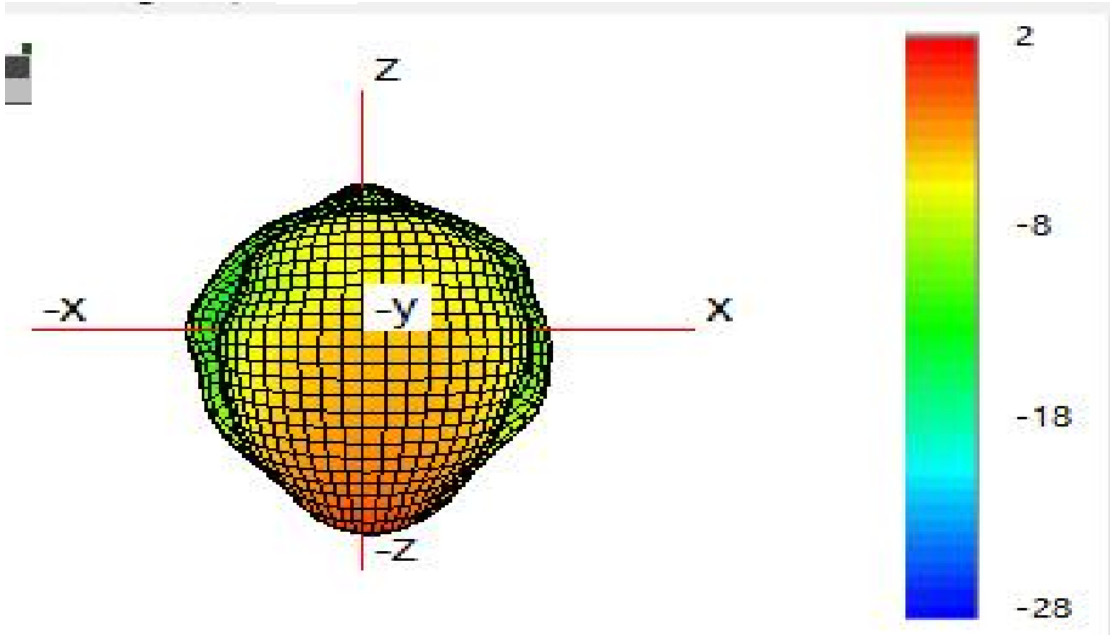
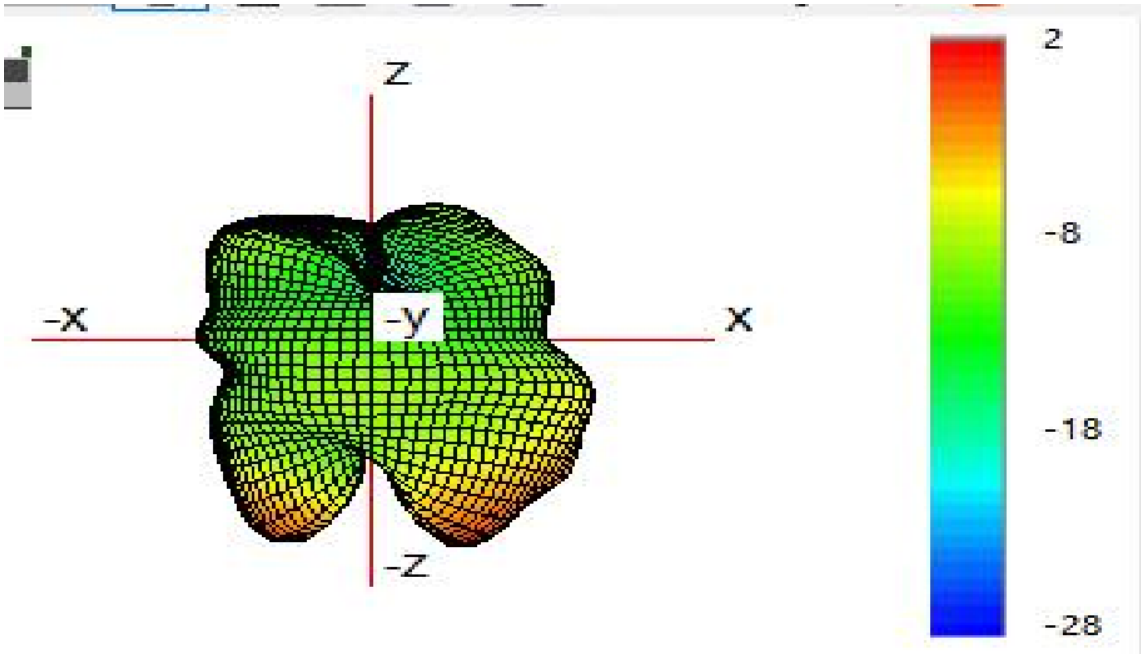
Freq(MHz)	Max.	Ave.	Min.
429	-10.65020865	-15.55906715	-19.43743984
434	-10.58184801	-15.53603869	-20.71414376
447	-10.80441159	-15.92264794	-24.24467216
448	-10.65127622	-15.98298856	-23.86541865

Gain-Plane

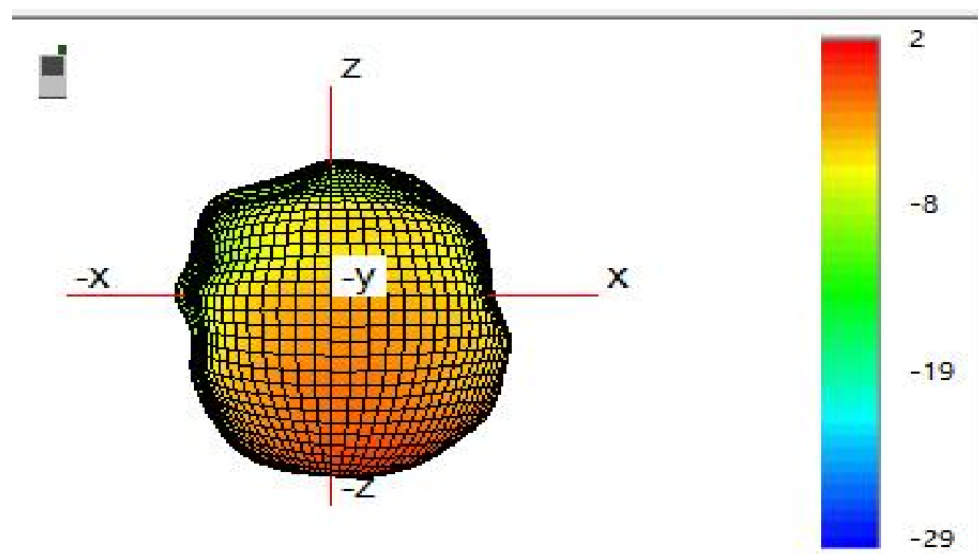
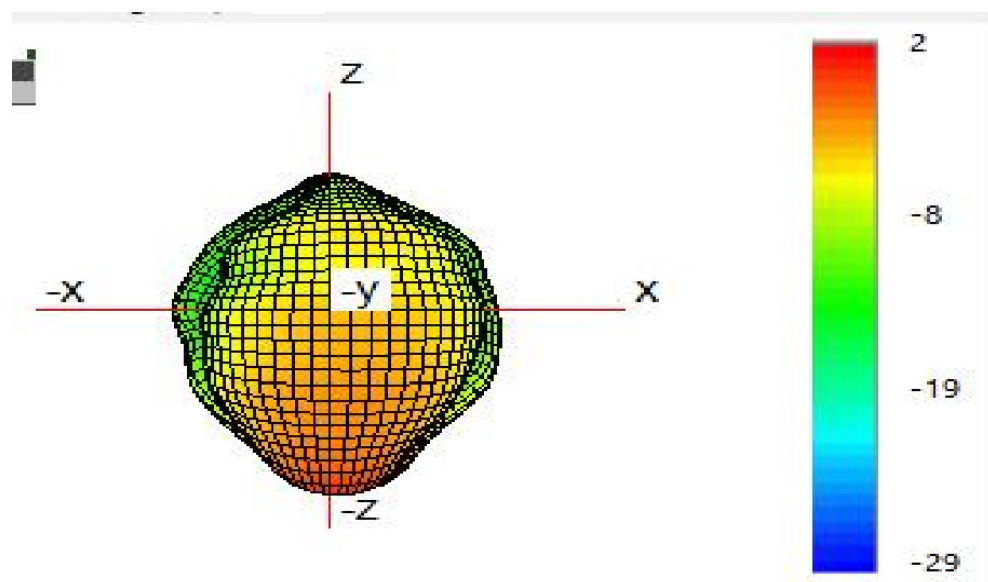
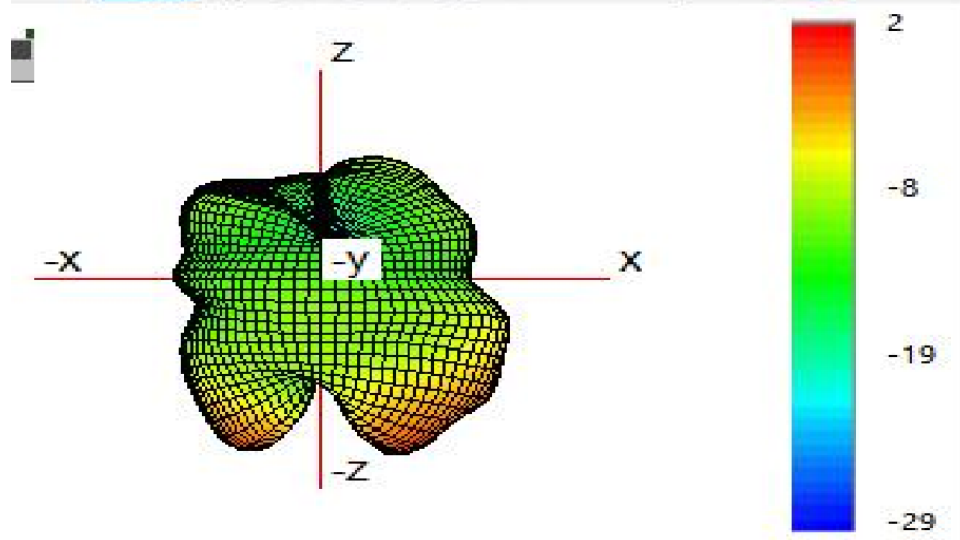


Efficiency-Plane

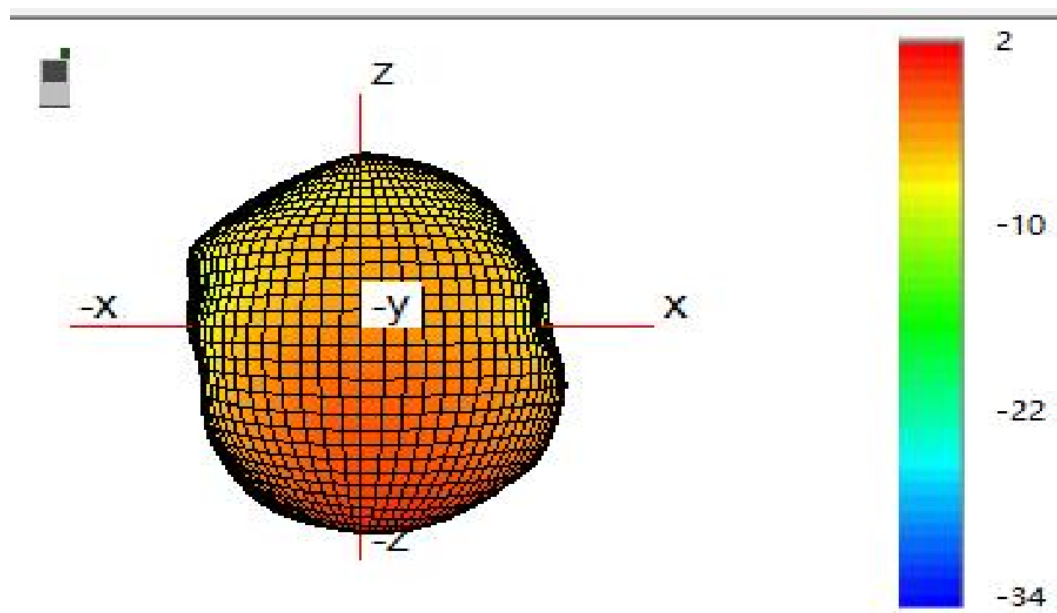
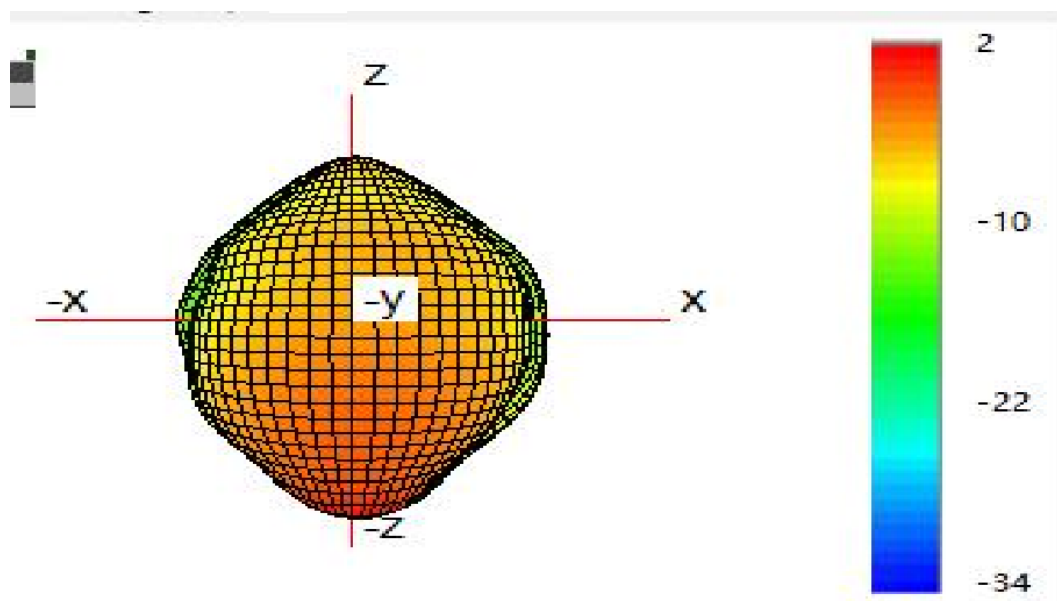
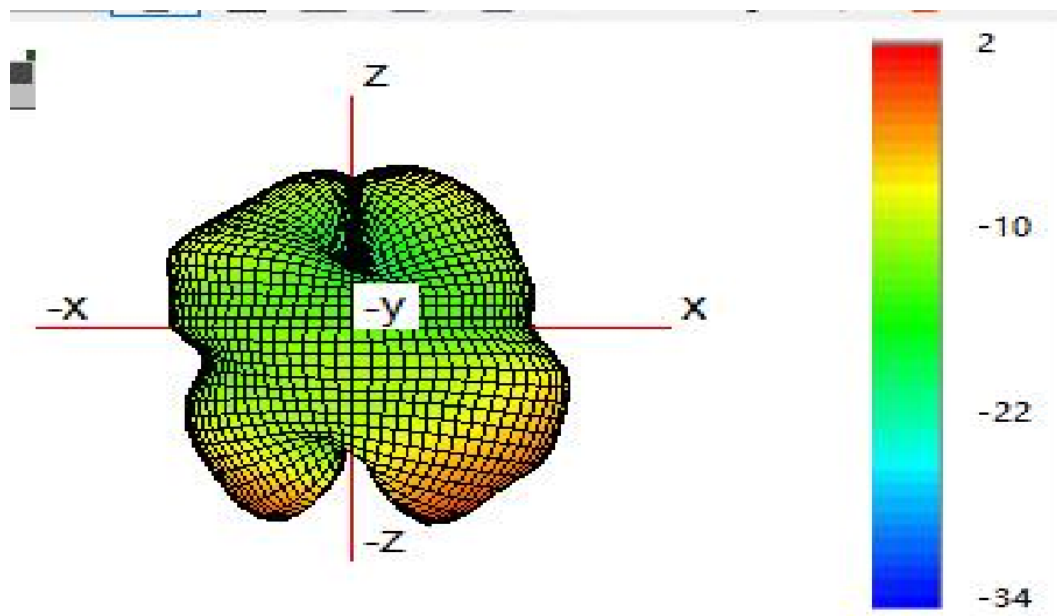




Freq(MHz) 434



Freq(MHz) 447



Freq(MHz) 448

