

Manufacturer:ZHEJIANG JIECANG LINEAR MOTION TECHNOLOGY CO., LTD
No.19 XinTao Road, Provincial High Tech Park,XinChang county,ZheJiang Province,China 312500

Type: On-board antennas
Model: On-board antennas-W7A

429.18/433.92MHz

Frequency (MHz)	Directivity (dB)	Max Gain(dBi)	Efficiency(dB)
429.18	2.9683	-14.3586	-17.4125
433.92	3.6858	-15.2356	-18.3852

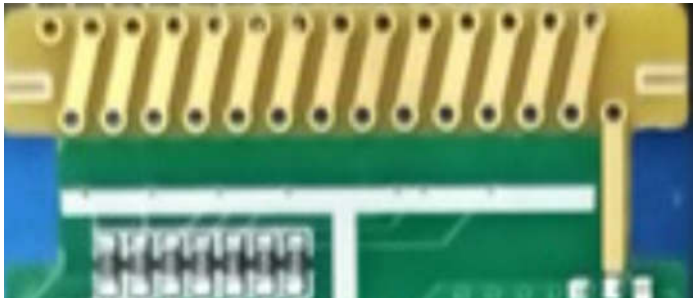
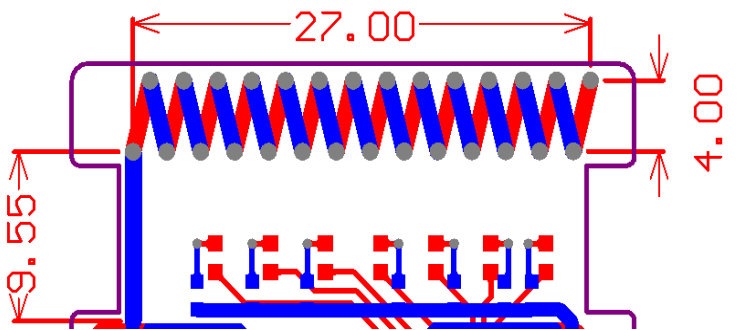
Efficiency (%)	BW@Phi=0	BW@phi=90	BW@theta=90
6.3356	65.0279	70.9743	65535
5.1873	60.7309	71.7834	65535

Roundness@Theta=30	Roundness@Theta=60	Roundness@Theta=90	Peak Gain@Phi (deg)
11.9639	8.6484	1.1364	8
8.3468	9.2524	2.7492	32

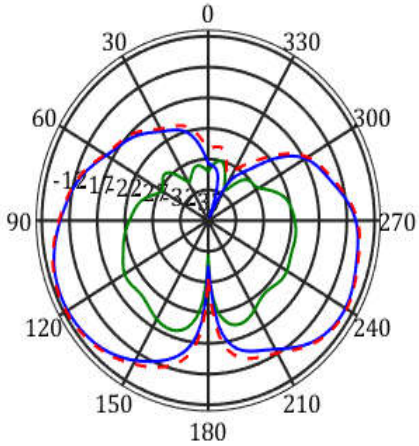
Peak Gain@Theta (deg)	Null@Phi (deg)	Null@Theta (deg)	upper spherical efficiency(dB)
118	66	-44	-20.9547
-122	104	-6	-25.996

upper spherical efficiency (%)	lower spherical efficiency(dB)	lower spherical efficiency (%)	Efficiency LHCP (dB)
4.5064	-19.3895	4.7895	-20.1253
3.1586	-20.4125	3.1253	-21.2356

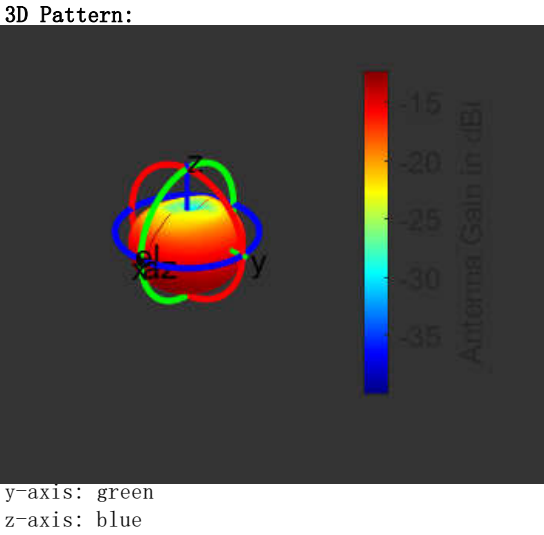
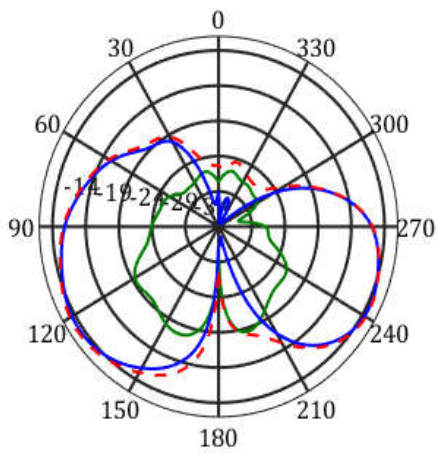
Efficiency LHCP (%)	Efficiency RHCP (dB)	Efficiency RHCP (%)	Gain LHCP (dB)	Gain RHCP (dB)
4.2432	-20.2343	4.05864	-16.6351	-15.8129
3.2709	-21.2857	3.1568	-17.9355	-16.1537



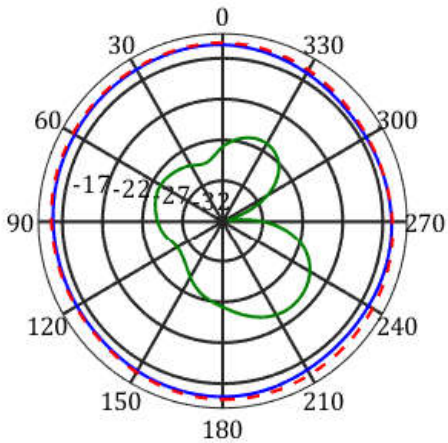
2D Pattern: @phi=0
429.18MHz X-Z Plane



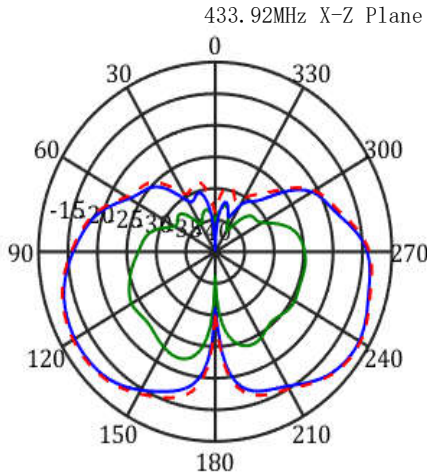
2D Pattern: @phi=90
429.18MHz Y-Z Plane



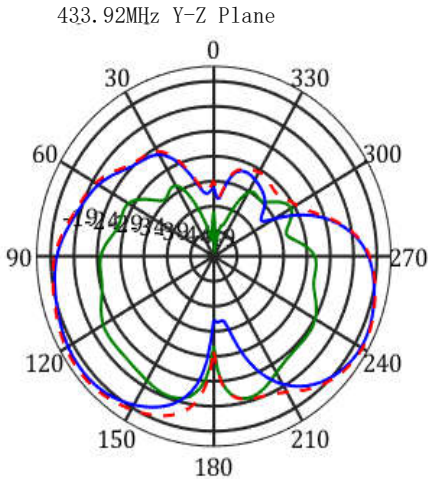
2D Pattern: @theta=90
429.18MHz X-Y Plane



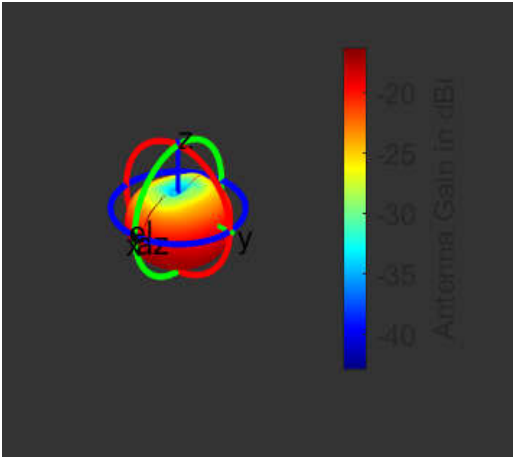
2D Pattern: @phi=0



2D Pattern: @phi=90

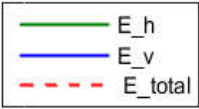
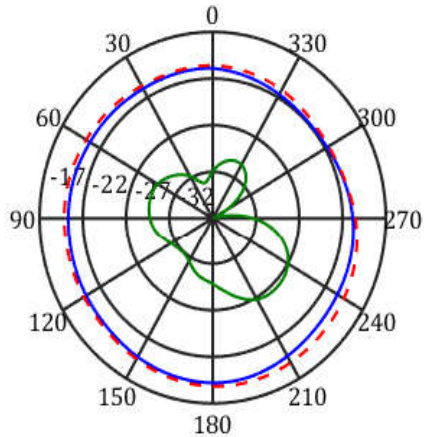


3D Pattern:

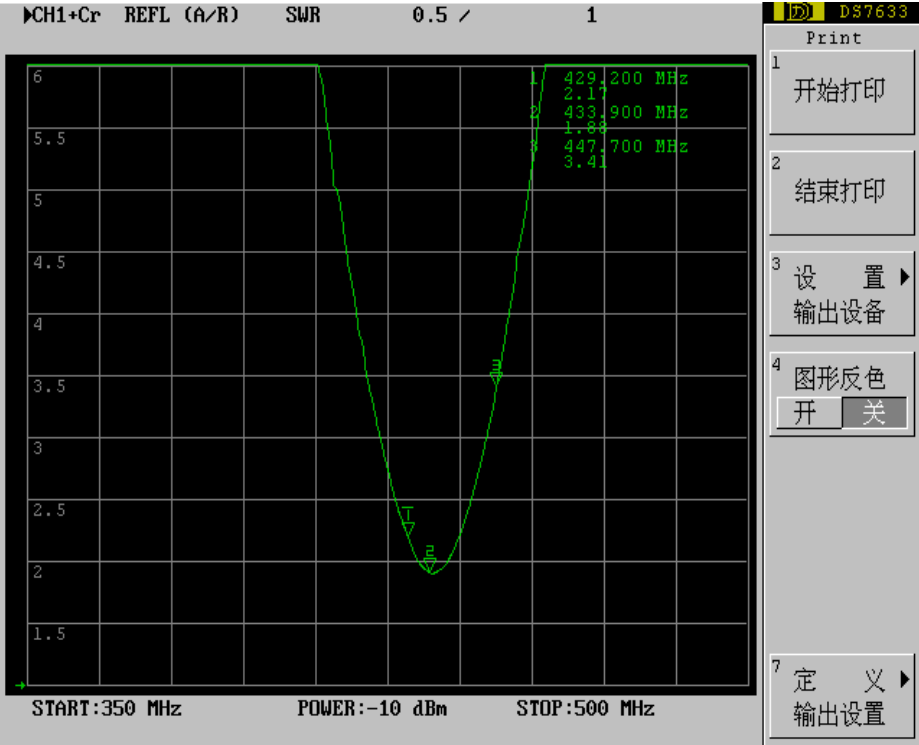


y-axis: green
z-axis: blue

2D Pattern: @theta=90



110065



110065