

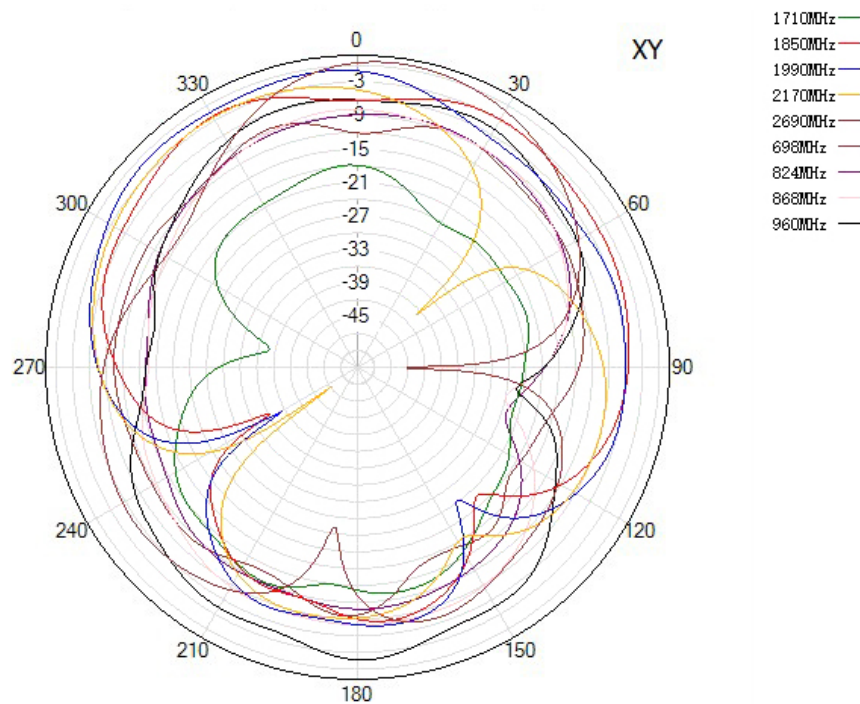


Gain and Efficiency

Frequency	Gain	Efficiency
698	-4.39	18.42%
824	-4.2	21.63%
868	-2.95	29.67%
960	0.93	67.25%
1710	-7.78	6.22%
1850	1.46	57.70%
1990	1.67	67.42%
2170	0.17	41.44%
2690	2.62	56.33%

Multi Frequency Radiation Plots

XY

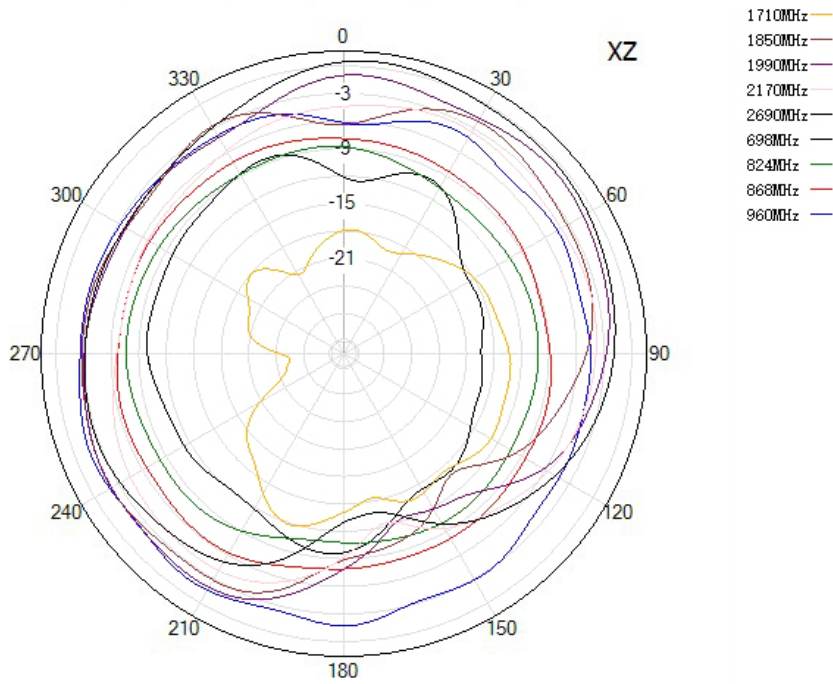




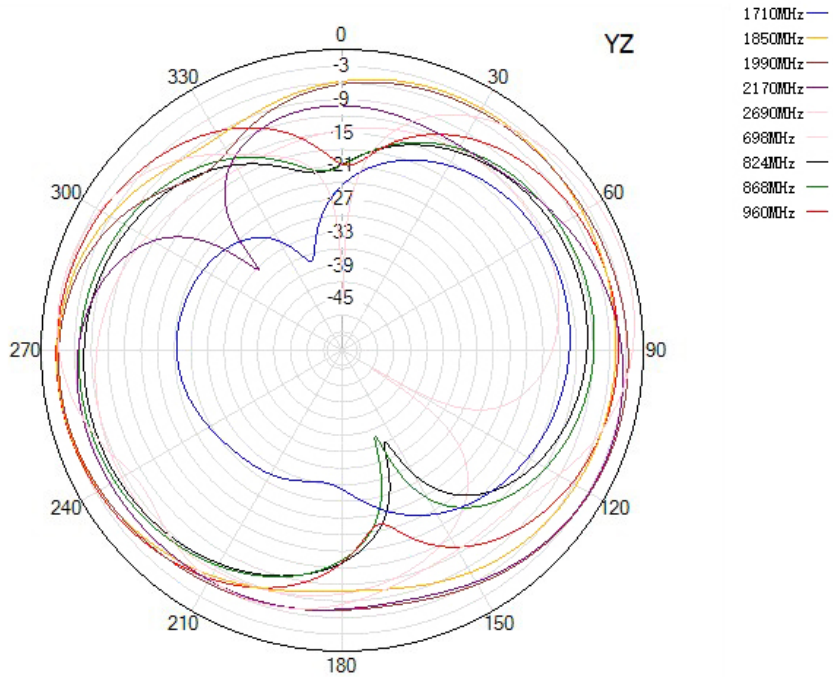
RF Test Data

Alpha 1A

XZ



YZ

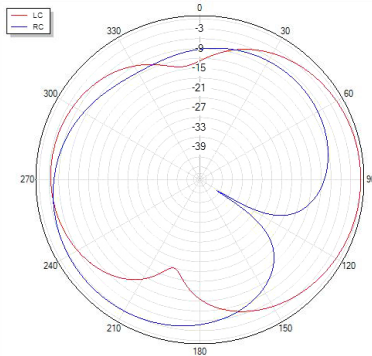




Individual Frequency Plots

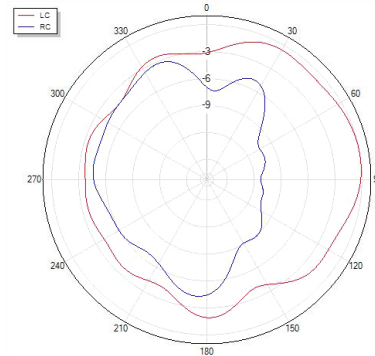
698H

H Theta=90 freq=698MHz



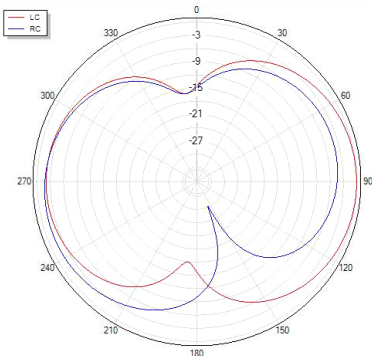
698V

V Phi=90 freq=698MHz



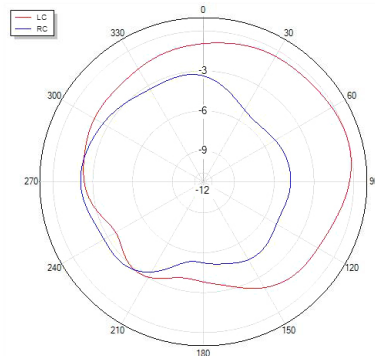
824H

H Theta=90 freq=824MHz



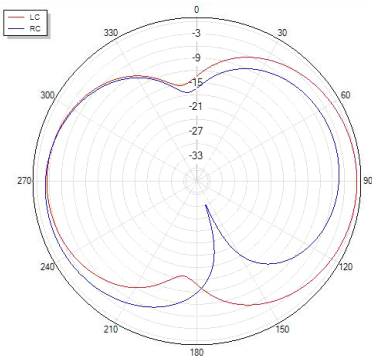
824V

V Phi=90 freq=824MHz



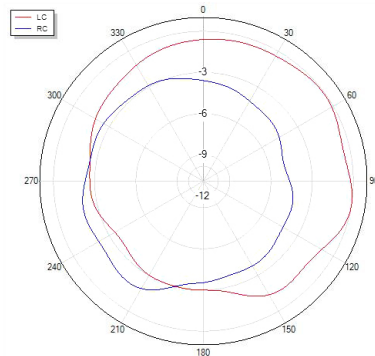
868H

H Theta=90 freq=868MHz



868V

V Phi=90 freq=868MHz



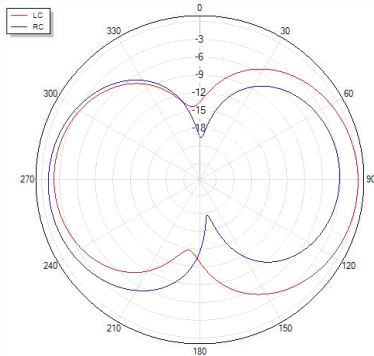


RF Test Data

Alpha 1A

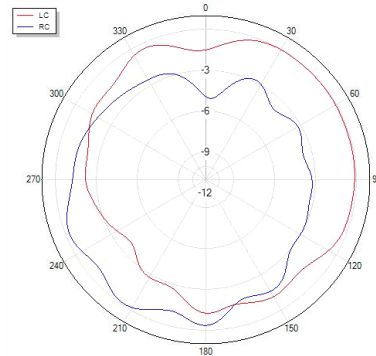
960H

H Theta=90 freq=960MHz



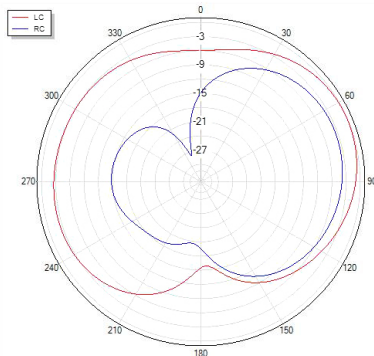
960V

V Phi=90 freq=960MHz



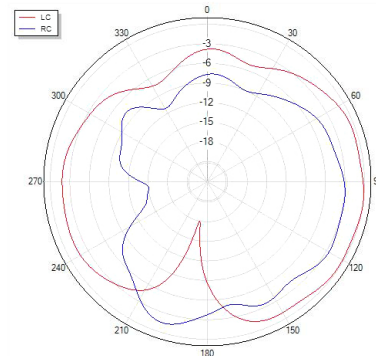
1710H

H Theta=90 freq=1710MHz



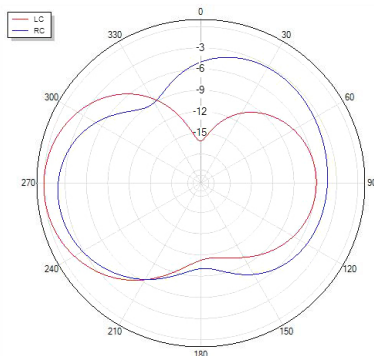
1710V

V Phi=90 freq=1710MHz



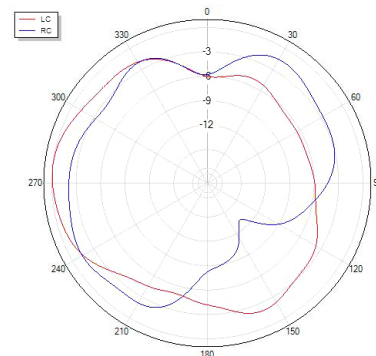
1850H

H Theta=90 freq=1850MHz



1850V

V Phi=90 freq=1850MHz



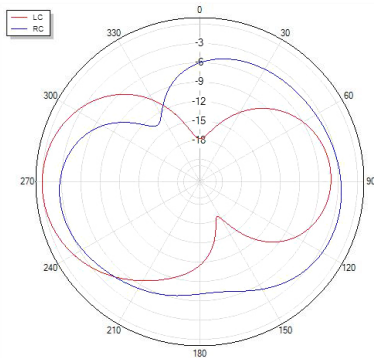


RF Test Data

Alpha 1A

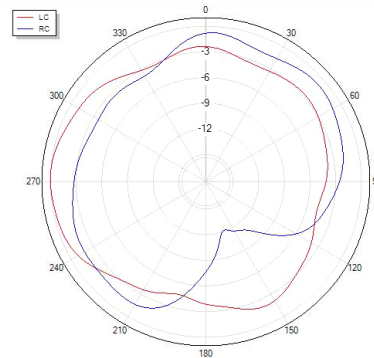
1990H

H Theta=90 freq=1990MHz



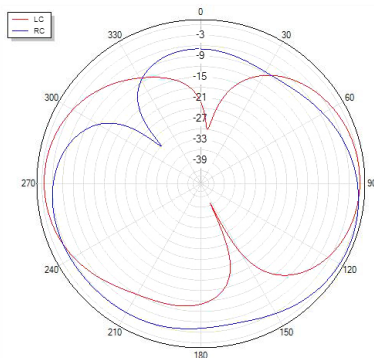
1990V

V Phi=90 freq=1990MHz



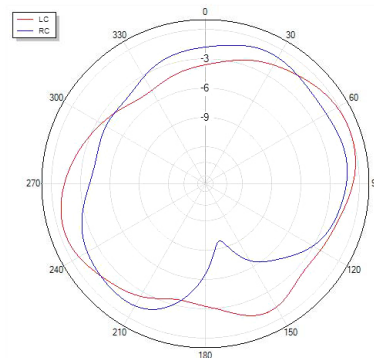
2170H

H Theta=90 freq=2170MHz



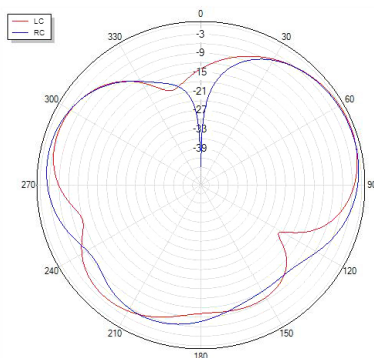
2170V

V Phi=90 freq=2170MHz



2690H

H Theta=90 freq=2690MHz



2690V

V Phi=90 freq=2690MHz

