



RF Test Data

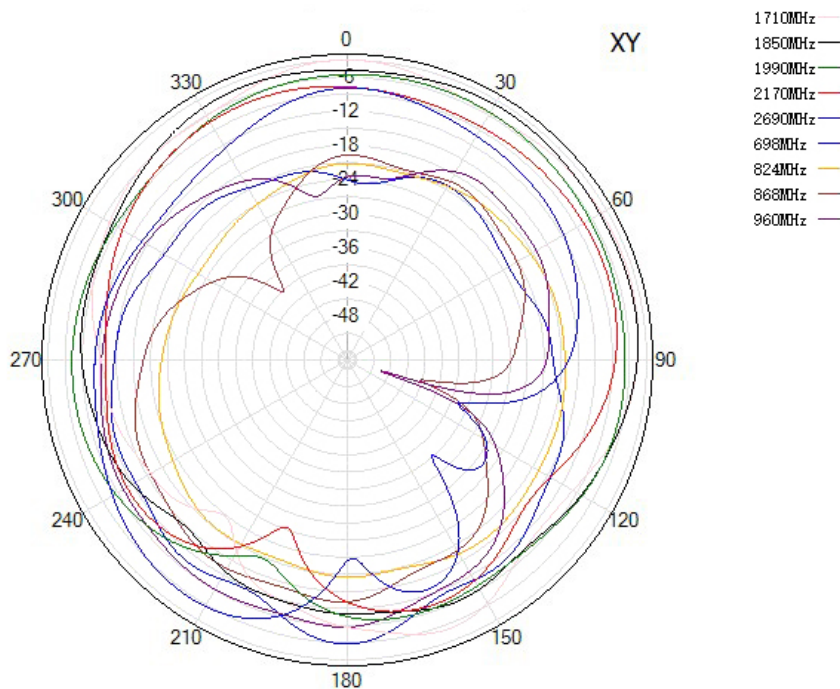
Alpha 10

Gain and Efficiency

Frequency	Gain	Efficiency
698	-5.1	6.77%
824	-14.66	1.78%
868	-12.36	1.79%
960	-8.03	6.21%
1710	-0.39	33.33%
1850	-1.73	25.89%
1990	-2.63	25.16%
2170	-2.15	21.32%
2690	-2.63	19.48%

Multi Frequency Radiation Plots

XY

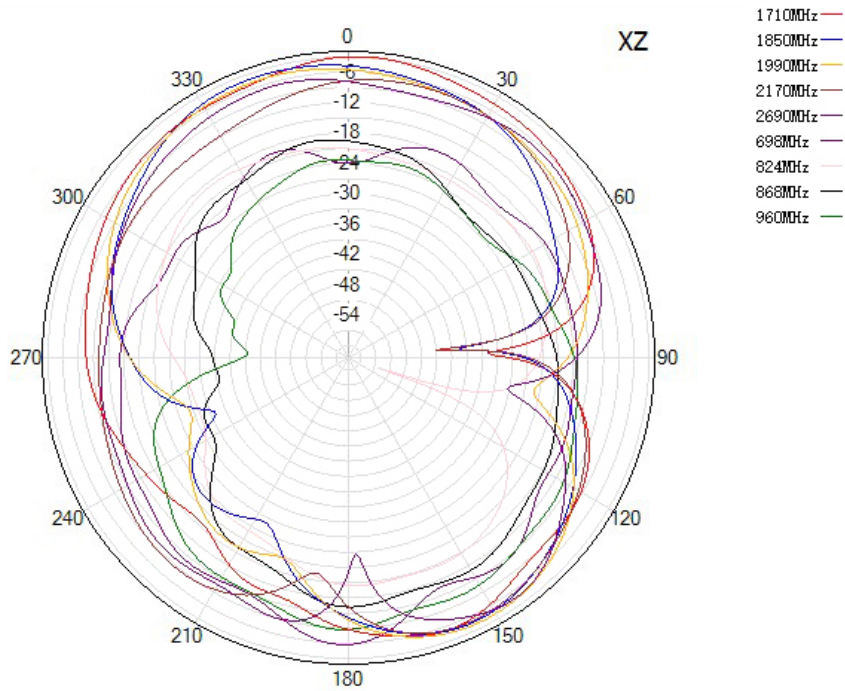




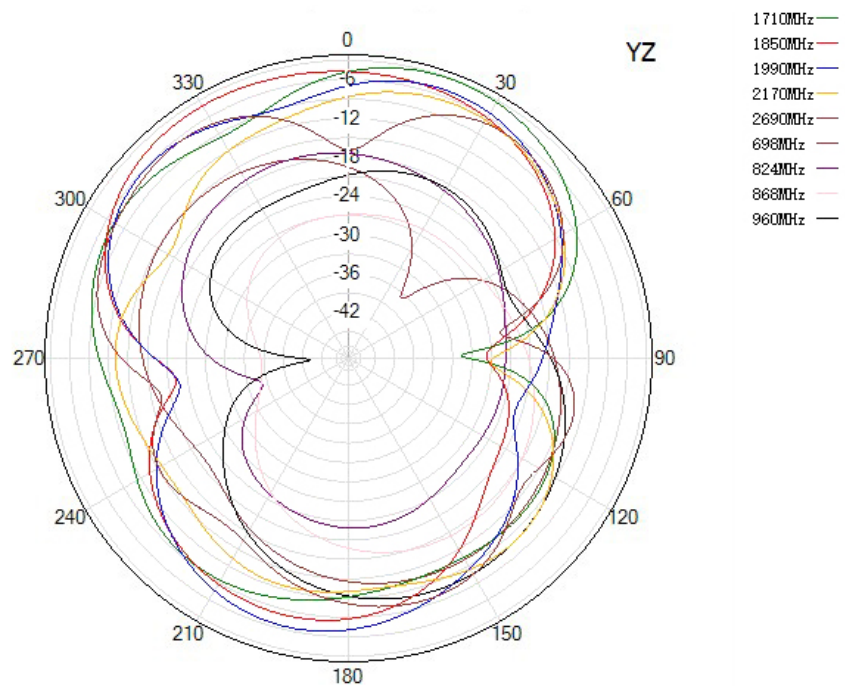
RF Test Data

Alpha 10

XZ



YZ





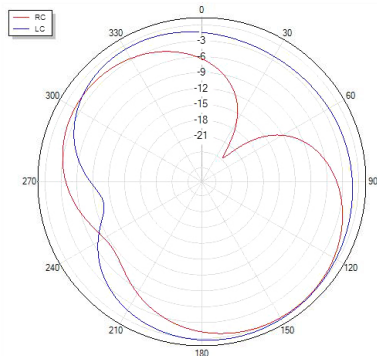
RF Test Data

Alpha 10

Individual Frequency Plots

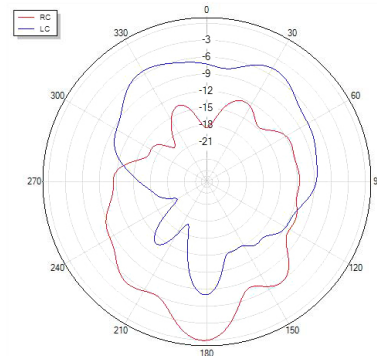
698H

H Theta=90 freq=698MHz



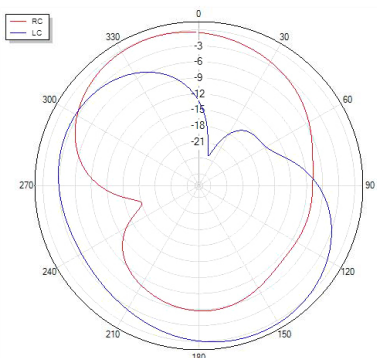
698V

V Phi=90 freq=698MHz



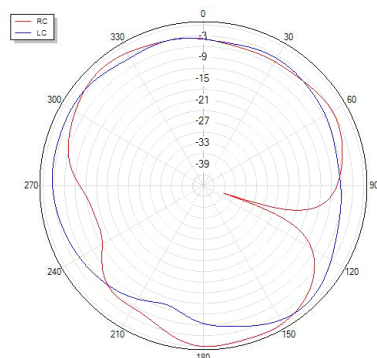
824H

H Theta=90 freq=824MHz



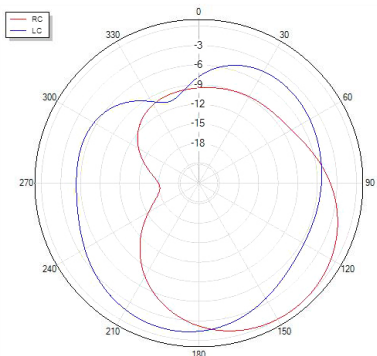
824V

V Phi=90 freq=824MHz



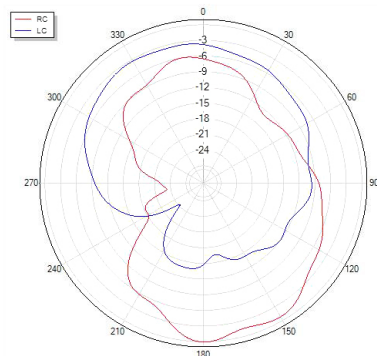
868H

H Theta=90 freq=868MHz



868V

V Phi=90 freq=868MHz



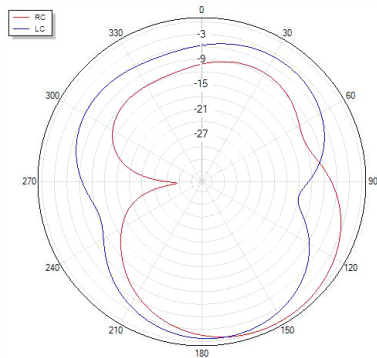


RF Test Data

Alpha 10

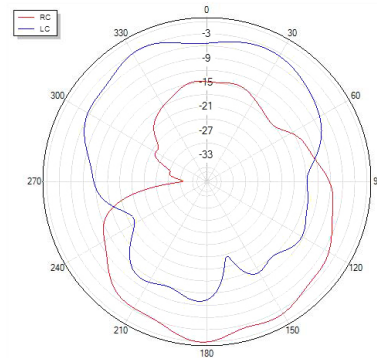
960H

H Theta=90 freq=960MHz



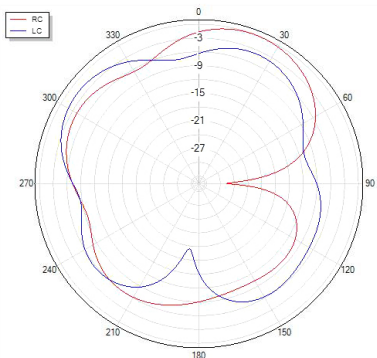
960V

V Phi=90 freq=960MHz



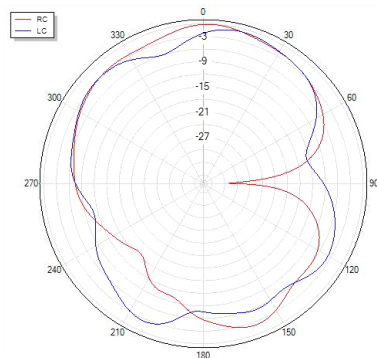
1710H

H Theta=90 freq=1710MHz



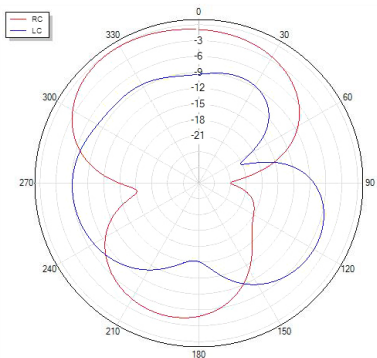
1710V

V Phi=90 freq=1710MHz



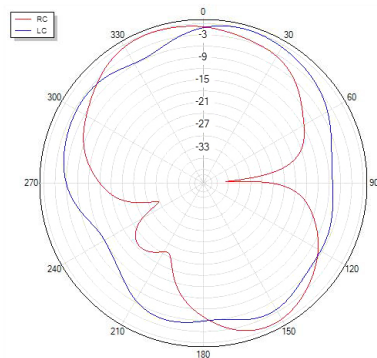
1850H

H Theta=90 freq=1850MHz



1850V

V Phi=90 freq=1850MHz



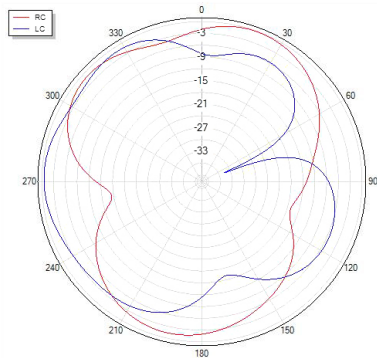


RF Test Data

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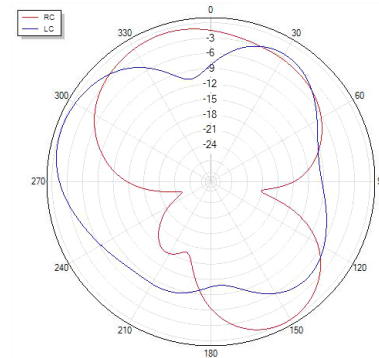
1990H

H Theta=90 freq=1990MHz



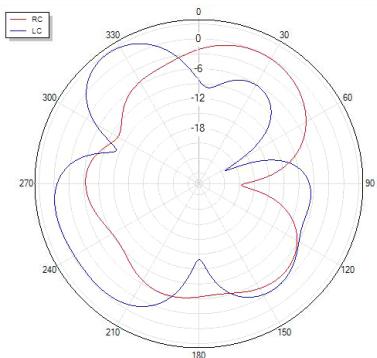
1990V

V Phi=90 freq=1990MHz



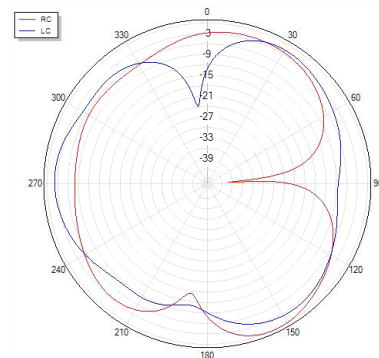
2170H

H Theta=90 freq=2170MHz



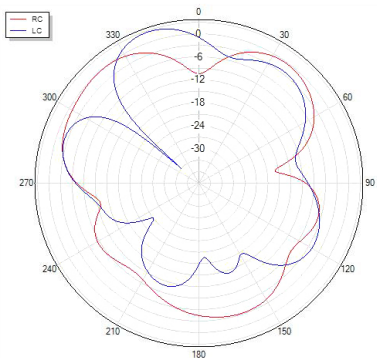
2170V

V Phi=90 freq=2170MHz



2690H

H Theta=90 freq=2690MHz



2690V

V Phi=90 freq=2690MHz

