

RF Test Data

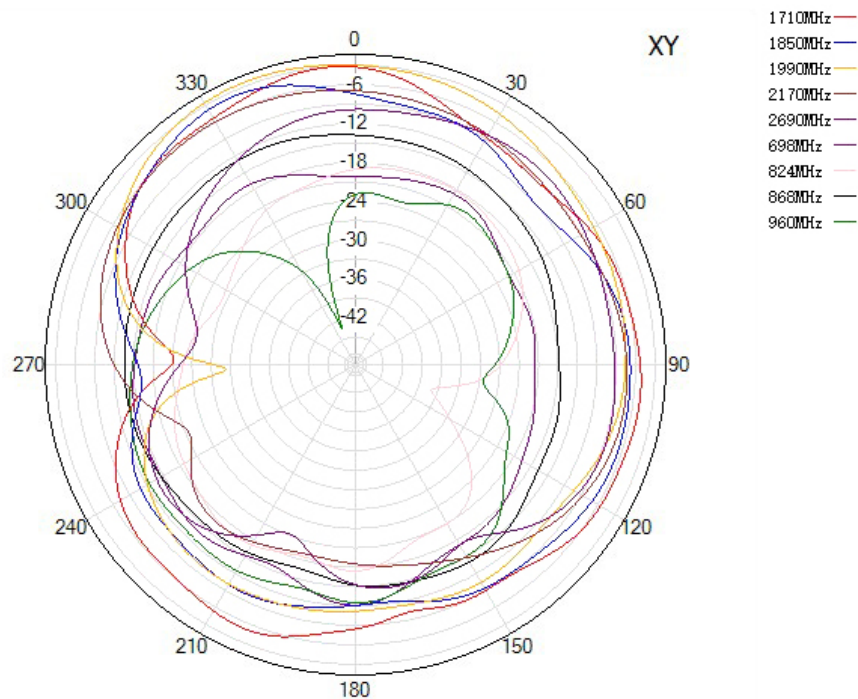
Alpha 8

Gain and Efficiency

Frequency	Gain	Efficiency
698	-10.69	3.40%
824	-15.93	1.07%
868	-9.24	6.16%
960	-11.49	3.08%
1710	-0.85	31.27%
1850	-1.89	24.17%
1990	-0.48	24.52%
2170	-2.67	19.91%
2690	-2.25	16.79%

Multi Frequency Radiation Plots

XY

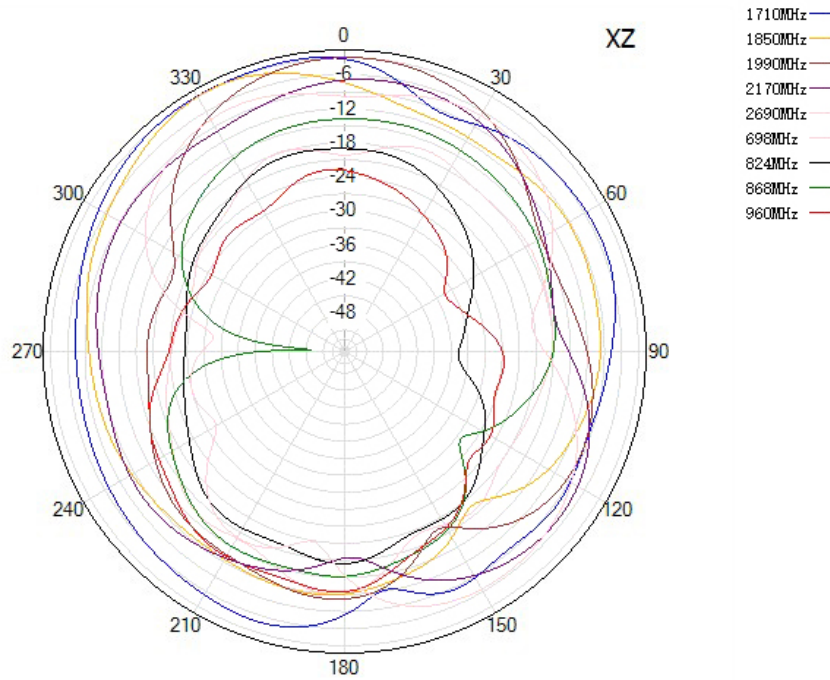




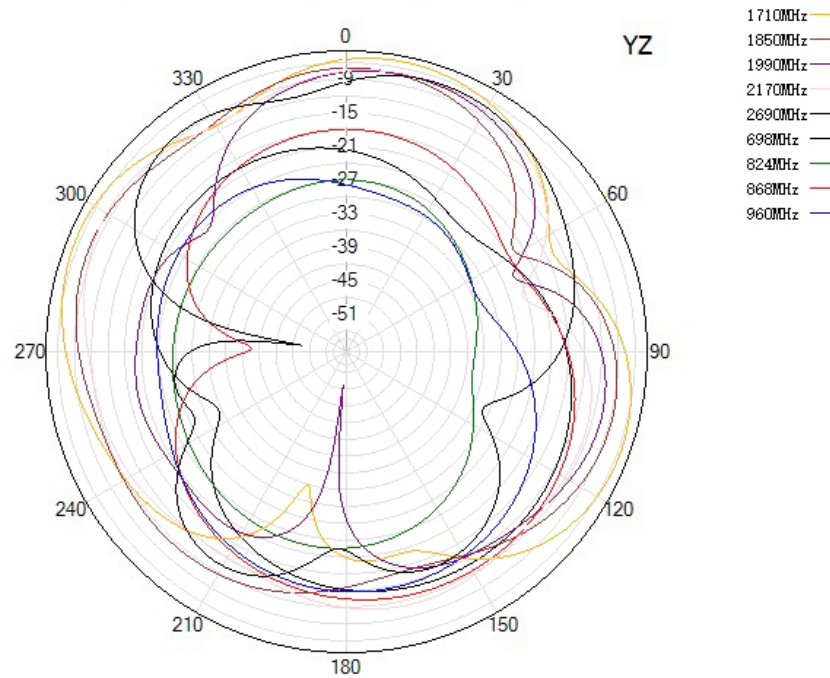
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XZ



YZ





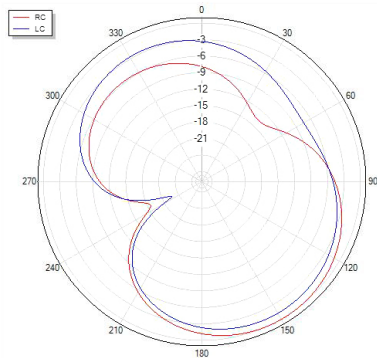
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Individual Frequency Plots

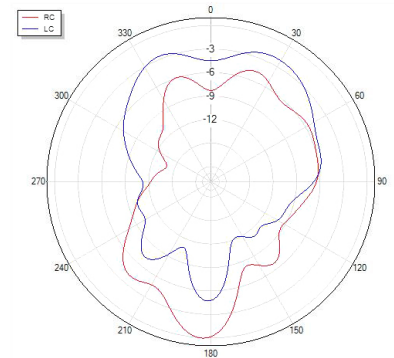
698H

H Theta=90 freq=698MHz



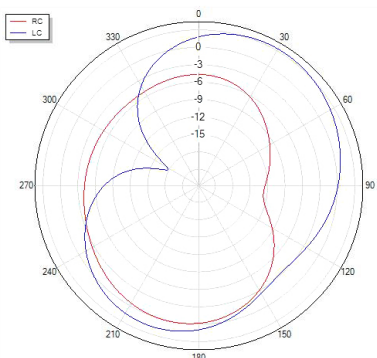
698V

V Phi=90 freq=698MHz



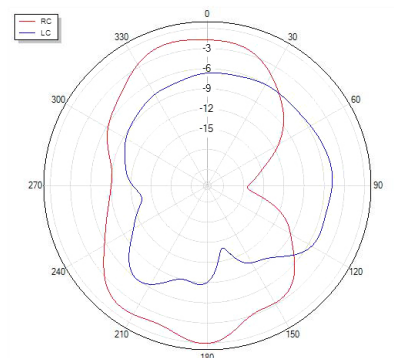
824H

H Theta=90 freq=824MHz



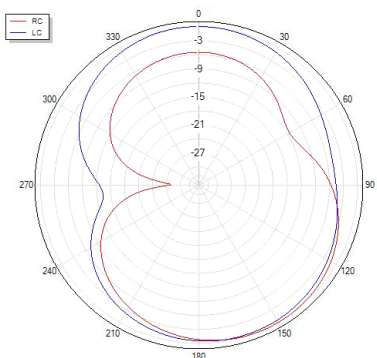
824V

V Phi=90 freq=824MHz



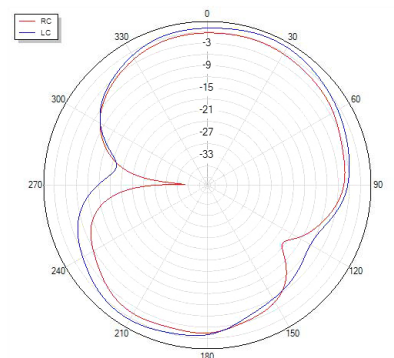
868H

H Theta=90 freq=868MHz



868V

V Phi=90 freq=868MHz



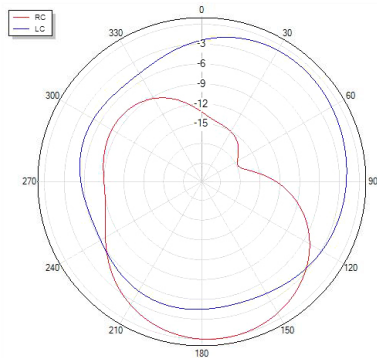


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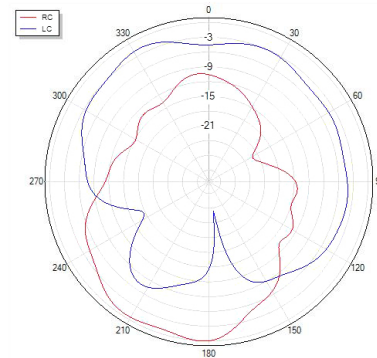
960H

H Theta=90 freq=960MHz



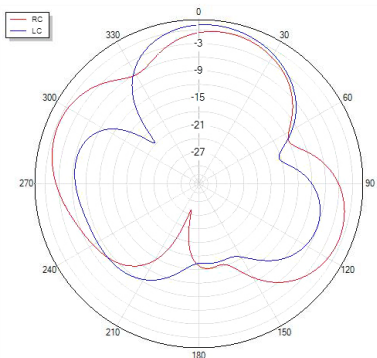
960V

V Phi=90 freq=960MHz



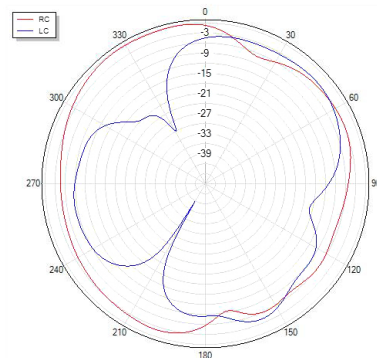
1710H

H Theta=90 freq=1710MHz



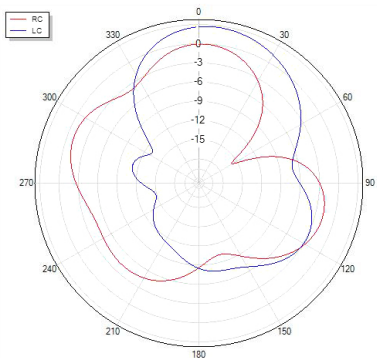
1710V

V Phi=90 freq=1710MHz



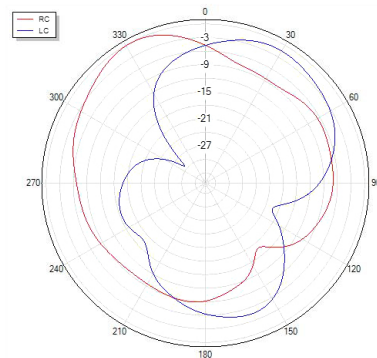
1850H

H Theta=90 freq=1850MHz



1850V

V Phi=90 freq=1850MHz



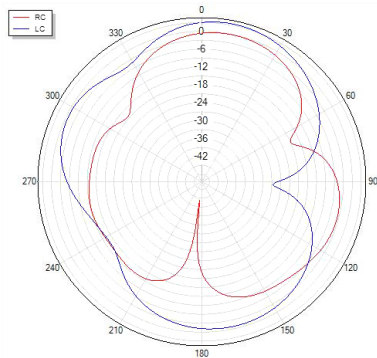


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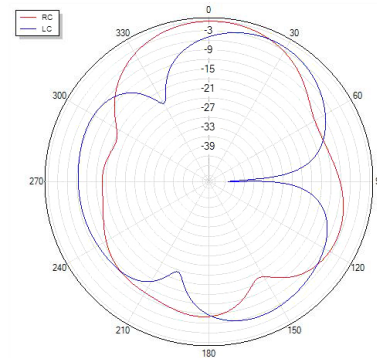
1990H

H Theta=90 freq=1990MHz



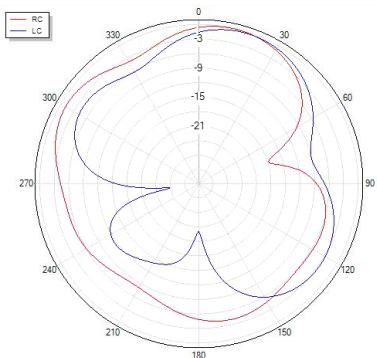
1990V

V Phi=90 freq=1990MHz



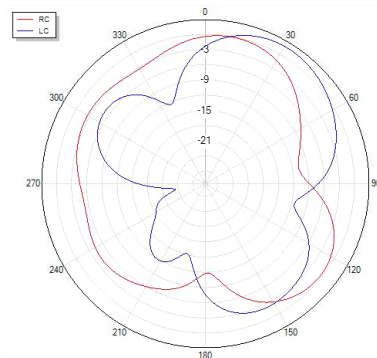
2170H

H Theta=90 freq=2170MHz



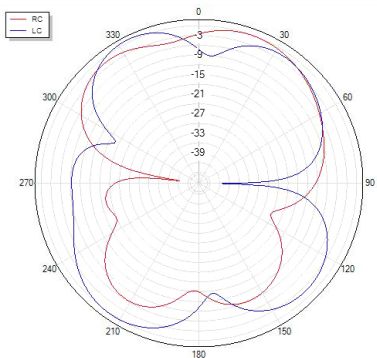
2170V

V Phi=90 freq=2170MHz



2690H

H Theta=90 freq=2690MHz



2690V

V Phi=90 freq=2690MHz

