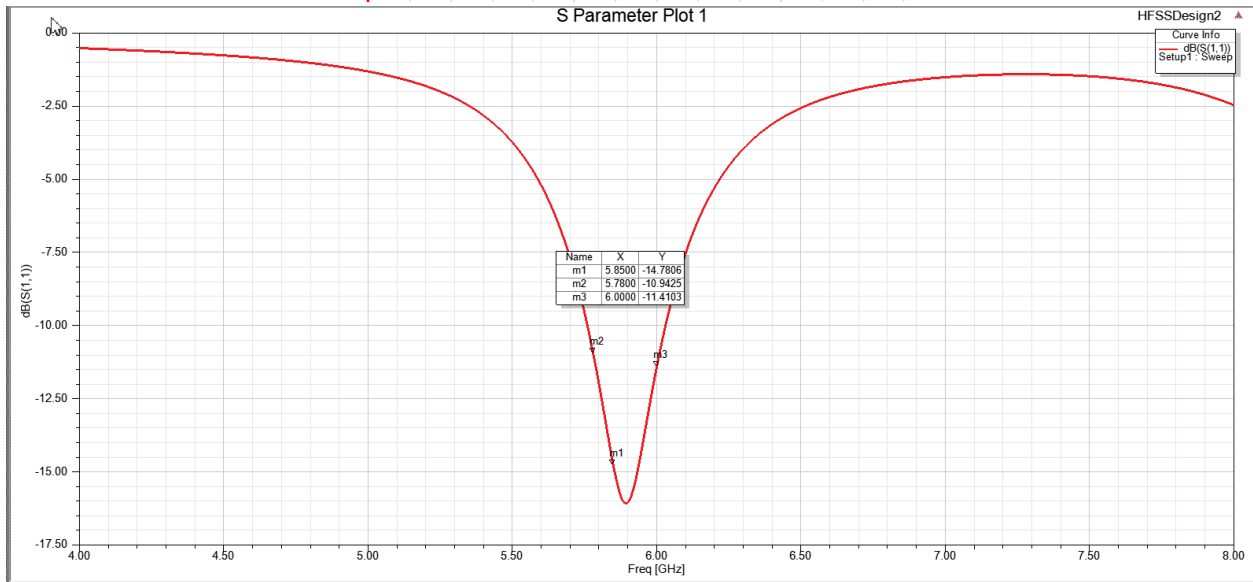
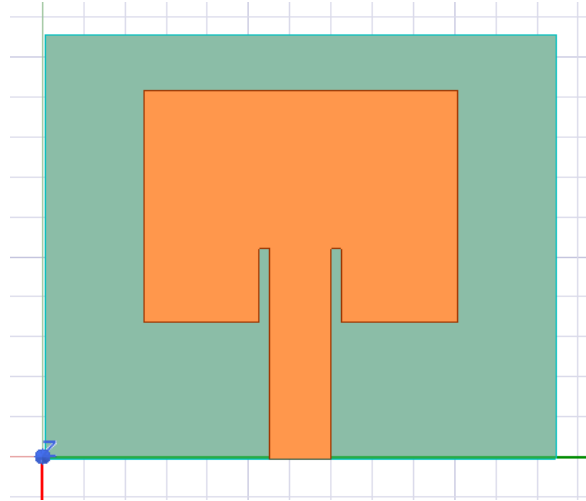
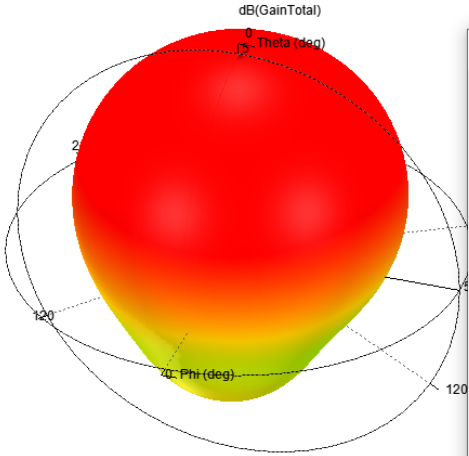
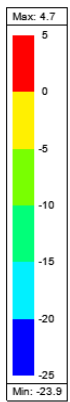
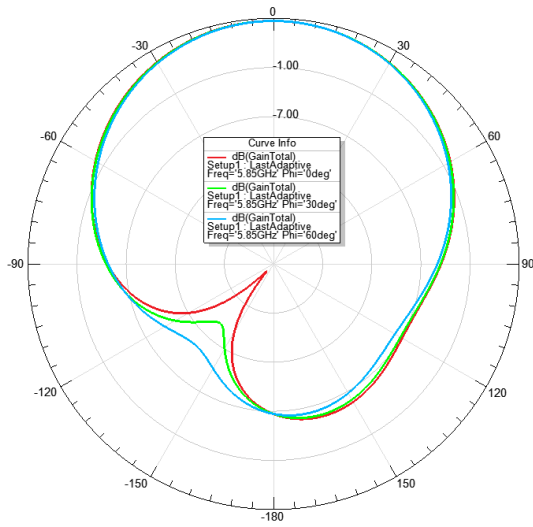


The Rectangle Patch Antenna
C-Band (5.85 GHz)
Dimensions of Antenna in mm.
Substrate: FR4



Gain Plot 2

HFSSDesign2



Gain Plot 3

Report: PatchXC_Band_5.85GHz_Best - HFSSDesign2 - Gain Plot 3 - dB(GainTotal)

Context

Solution: Setup1 : LastAdaptive

Geometry: Infinite Sphere3

Trace Families

Primary Sweep: Phi

Secondary Sweep: Theta

Phi: Default Phi

Theta: Default Theta

Mag: dB(GainTotal) Range Function...

Category	Quantity	Function
Variables	GainTotal	<none>
Output Variat	GainPhi	abs
Gain	GainTheta	acos
System Gain	GainX	acosh
rE	GainY	ang_deg
Directivity	GainZ	ang_deg_val
Realized Gain	GainLHCP	ang_rad
Polarization R	GainRHCP	asin
Axial Ratio	GainL3X	asinh
Design	GainL3Y	atan
		atanh
		cos
		cosh
		cum_integ
		cum_sum
		dB
		dB10normalize
		dB20normalize

Update Report

Real time Update

Output Variables... Options... New Report Apply Trace Add Trace Close

Gain

