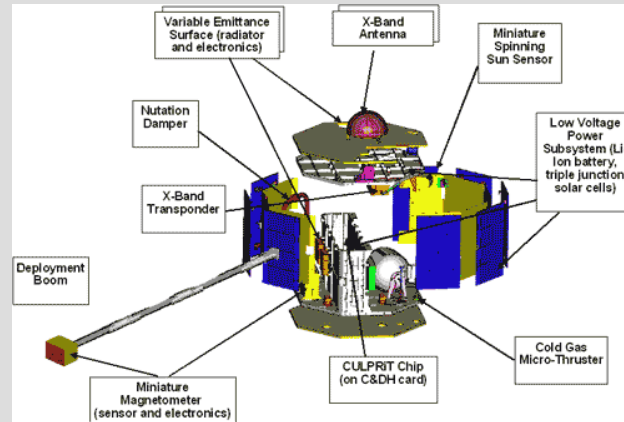


# AntDevCo Quadrifilar Helix Antennas – Broad Beam Widths, Customized Patterns

ST-5 Satellites



Images courtesy of NASA/JPL/Caltech

X-Band Quadrifilar Helix Antenna

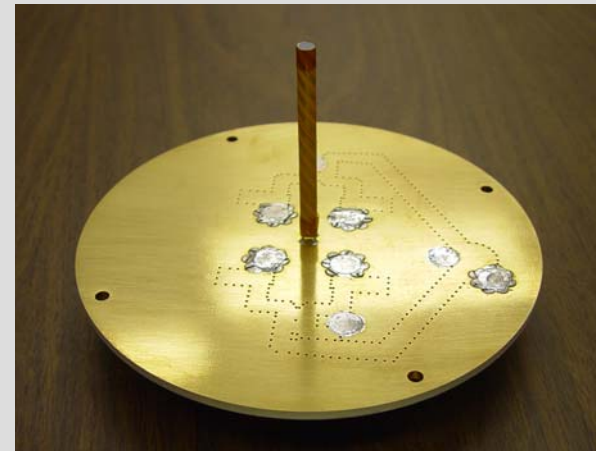
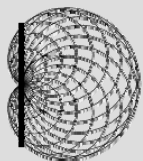


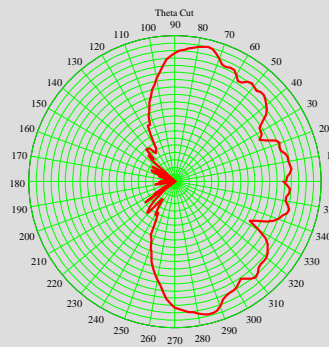
Image courtesy of NMSU/PSL

AntDevCo is a spin-off from the New Mexico State University Physical Science Laboratory (PSL). Our engineers Dr. Bruce Blevins and Thomas Greenling designed and developed the quadrifilar helix antennas for the NASA ST-5 project during their work at PSL. This X-band antenna meet significant challenges for antenna efficiency, mass, dimensions, and radiation pattern performance.

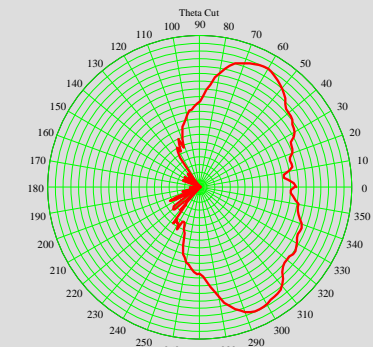
AntDevCo offers X-band and S-band flight-ready Quadrifilar Helix Antennas. X-band units have successfully completed their mission on the NASA ST-5 constellation of three satellites and the S-band units are operational on the MOST spacecraft.



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8470 MHz



7209 MHz

Images courtesy of NMSU/PSL