



# CLIMB Antenna Patterns

for the  
UHF and S-Band  
antennas of the Satellite CLIMB

**This document is a preliminary version  
and may be changed without notice!**



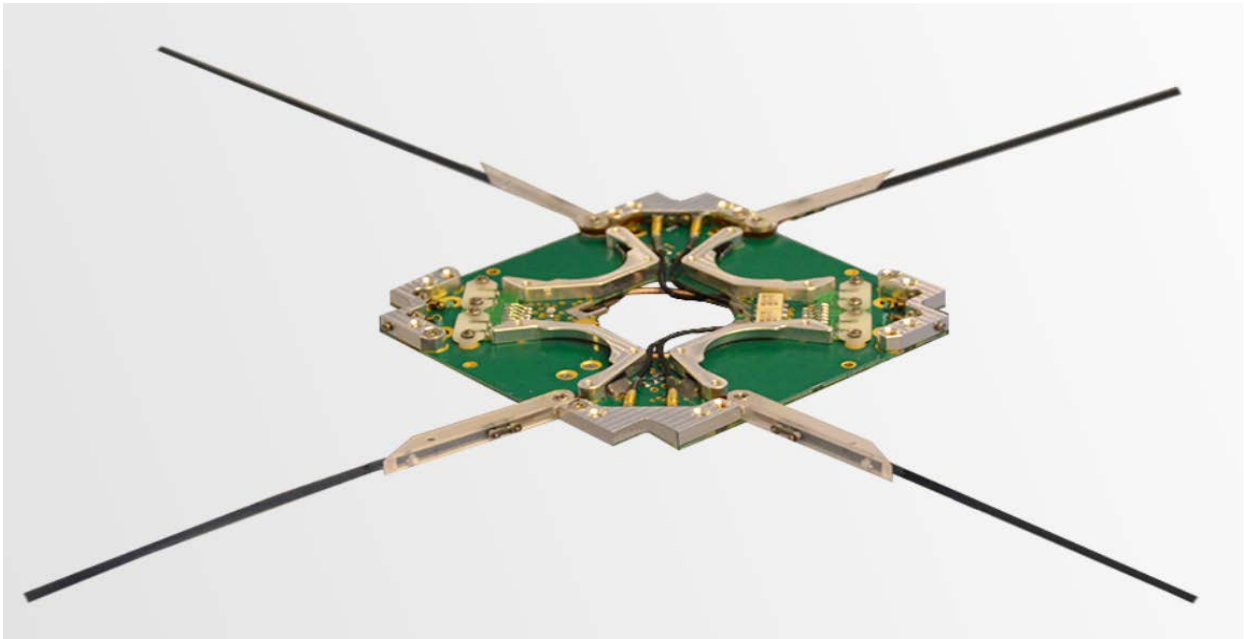
# Abbreviations

# 1. UHF Antenna

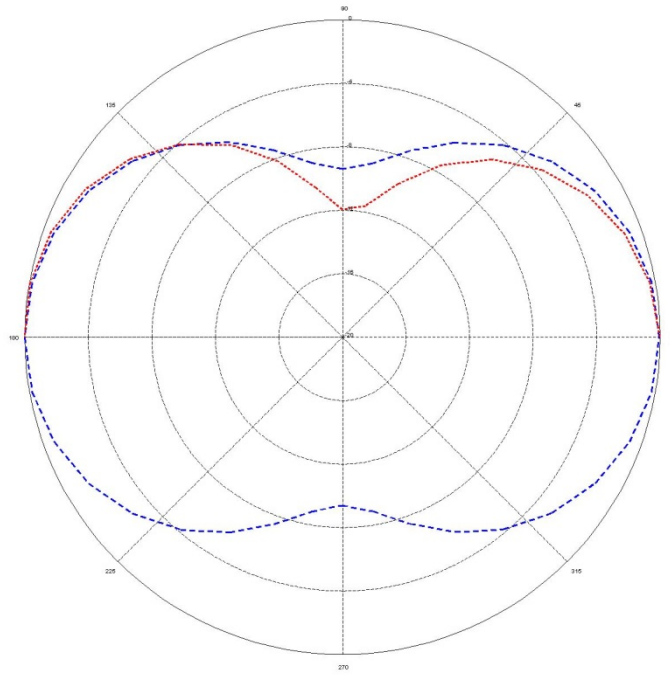
Manufacturer: ISIS

Type: ANTS, 2 crossed Dipoles (independent), linear polarisation

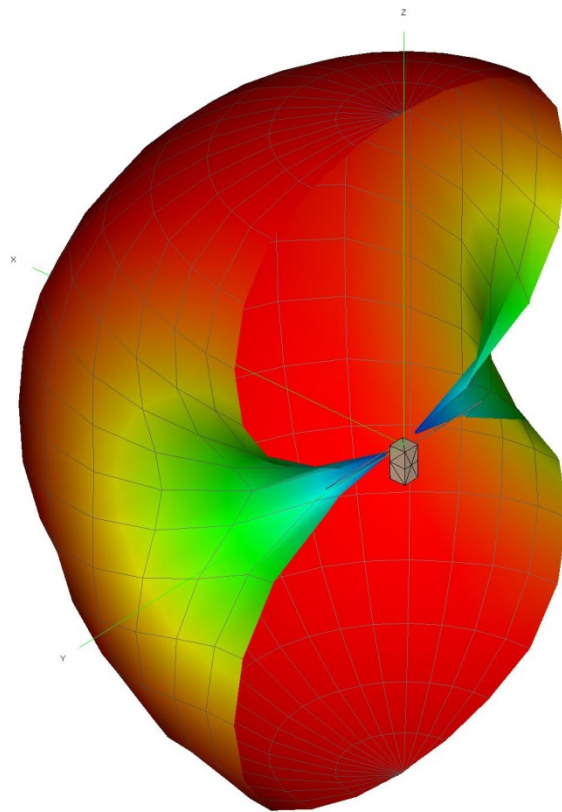
<https://www.isispace.nl/product/cubesat-antenna-system-1u-3u/>



Dipole Antenna on SI Structure



Gain\_Tot[dB]



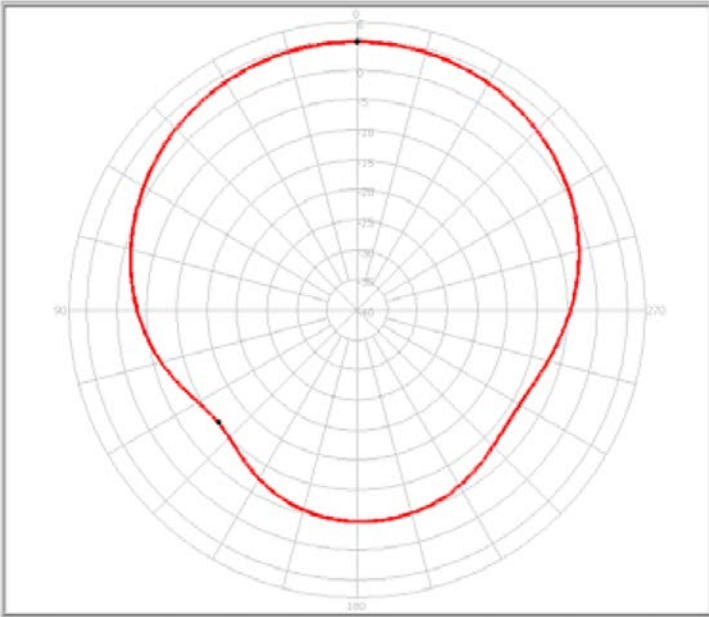
## 2. S-Band Antenna

Manufacturer: STG-A

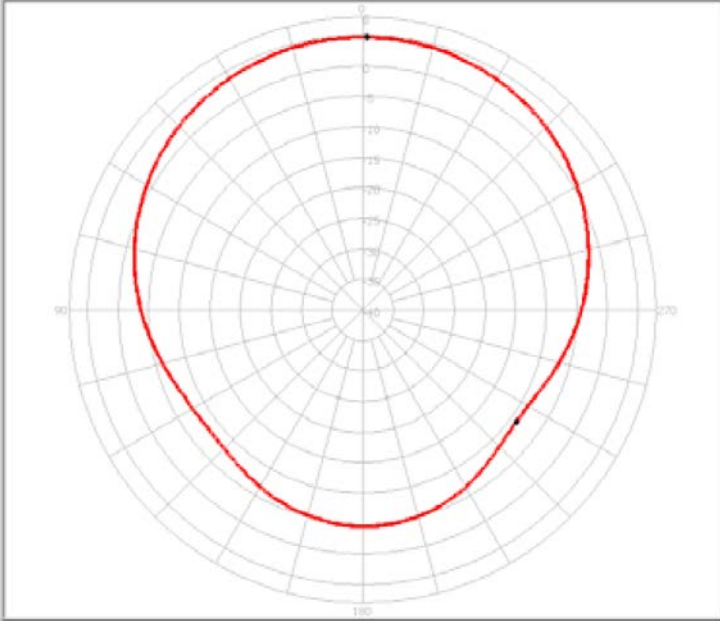
Type: Patch antenna, RHCP



XZ Plane



YZ Plane



XY Plane

