



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!

DOCUMENT CHANGE RECORD	
Project: CLIMB- Communication	
Change Status Log:	
V0.1, 24. 2. 2020, MT	Document created from previous documents

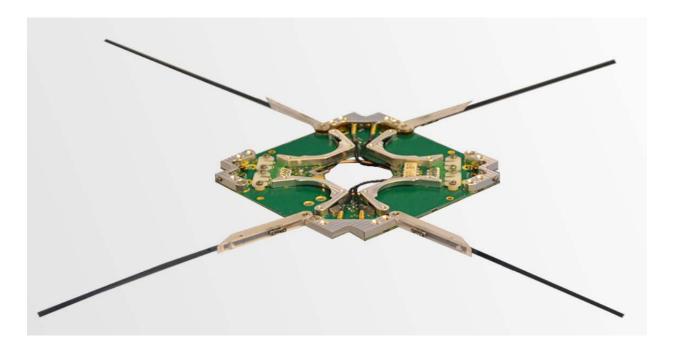
Abbreviations

1. UHF Antenna

Manufacturer: ISIS

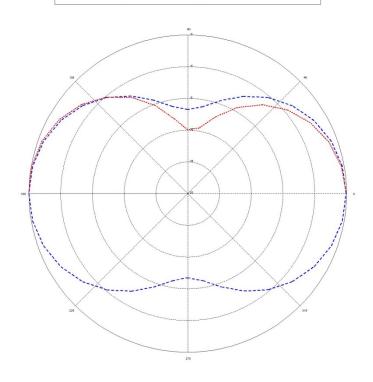
Type: ANTS, 2 crossed Dipoles (independent), linear polarisation

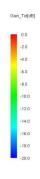
https://www.isispace.nl/product/cubesat-antenna-system-1u-3u/

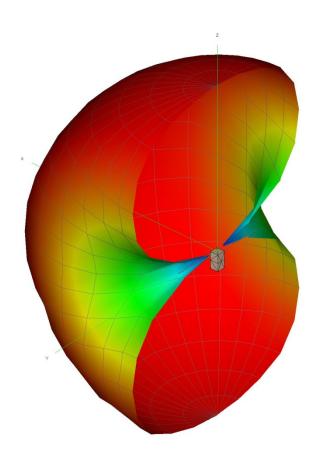




Vertical Gain (Theta = 70) — Horizontal Gain (Phi = 60)





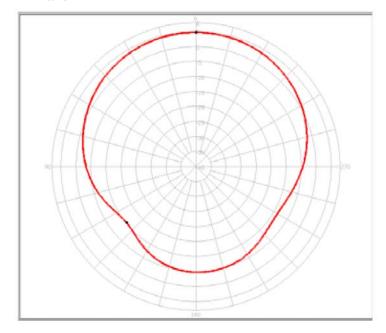


2. S-Band Antenna

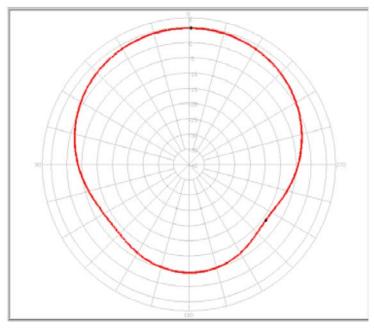
Manufacturer: STG-A Type: Patch antenna, RHCP



XZ Plane



YZ Plane



XY Plane

