

## Team Namaste Antenna and Feed Experiments 2008

A record of experiments and studies undertaken in order to produce antenna and feed recommendations for a microwave band satellite ground station. Validation of theoretical predictions concerning gain and comparison of candidate designs are the goals of this work.



## Collected Antennas

Surplus Satellite Television Antennas were collected, photographed, and tested in order to evaluate their performance as part of the microwave-band ground station.

What types of antennas were used? Are there any labels or serial numbers on the antennas?

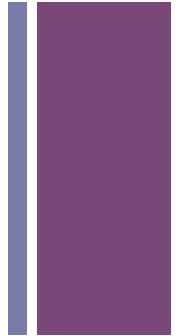
What type of tripod or other stand or mounting hardware worked best for experimentation?

What were the gain results from the tests?



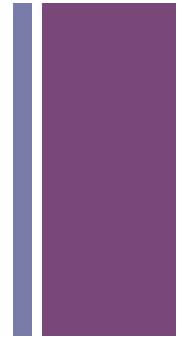
# + Dish Antenna Basics

- This will be some text describing the antenna technical basics that we know as well as the differences between the ideal and the real antennas.



# + Regulatory Summary

- Summary of our regulatory findings concerning recommending these dishes for people with CC&Rs.





## Collected Feeds

Feeds of various types were collected or created, photographed, and tested in order to evaluate their performance as part of the microwave-band ground station.





# Antenna Profiles

A portfolio of antenna and feed results from Team Namaste

# + Antenna Profile #1 (this is the format for antenna profiles)

- Here is a summary of the results of the tests. Duplicate this slide as necessary to cover all the combinations of antennas and feeds.
- Here is a photo of antenna #1
- Here is a photo of the feed used in this test.





# Next Step

What has Team Namaste accomplished with this study? What is the next step? What are the repercussions of the findings?