



Standard HCT questions to new clients

1. What is the receive frequency range of operation?
Minimum? Maximum?
2. What is the transmit frequency range of operation?
Minimum? Maximum?
3. What is the transmit power?
4. What is the transmit duty cycle?
5. What beam width is desired at the center frequency?
Is an ISO-FLUX radiation pattern desired? The ISO-FLUX is a longer antenna and may not be practical at lower frequencies.
6. What is the size of satellite; i.e., 3U, 6U, etc.?
7. What unregulated voltage will be available?
Some HCT antennas use electric power to Deploy the antenna.
8. How many engineering models would you be requesting?
9. How many initial flight models would you be requesting?
10. What would be the eventual quantity of antennas required?
11. Note that the cost of environmental testing will not be included in HCT's proposal. Would you be needing environmental testing?
12. What satellite platform would you mount the HCT antenna on?
The antenna pattern is modified by the satellite structure.
13. What other details do we need to know about your application?