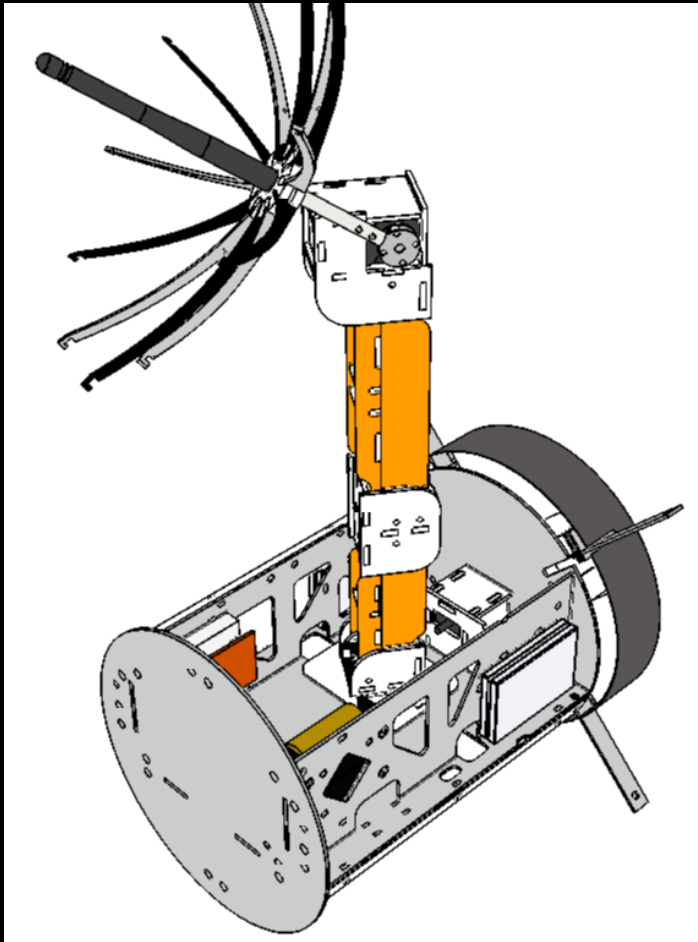# AXELSPACE CUP
CanSat Challenge 2013

TITANIKU

ARLISS 2013

Breakfast Meeting

September 13th, 2013

Mission in ARLISS

We produced the model of a weather observation unit

We tested in ARLISS for
- Attitude control to unfold parabolic antenna
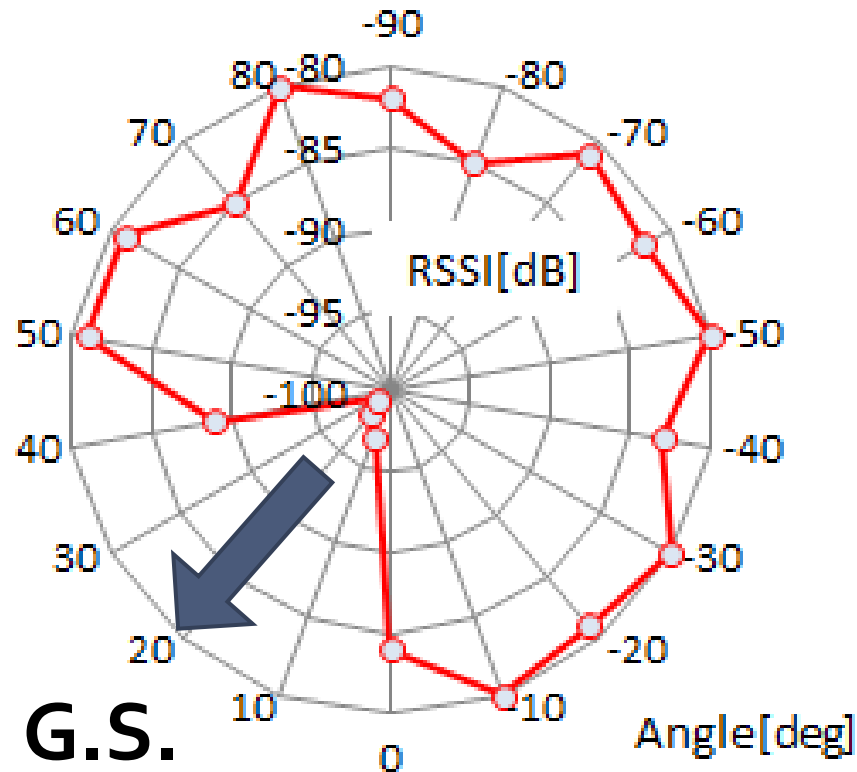- Scanning the whole sky
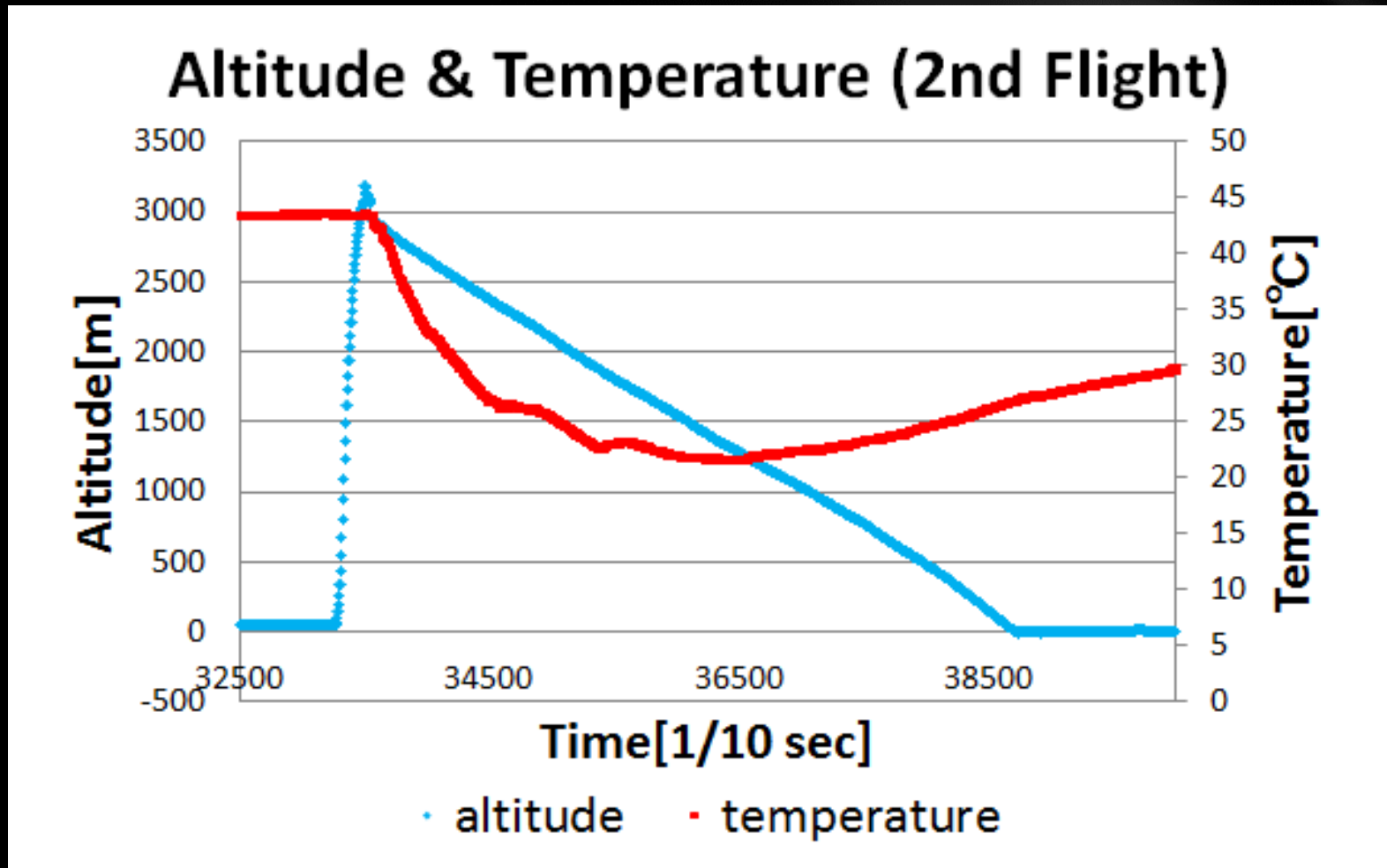
2nd Flight

ARLISS2013

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Advanced Success

RSSI Map

Addition

Altitude & Temperature

Success Criteria

		Contents	1st	2nd
Minimum	1	Unfolding the fixing mechanism	✔	✔
	2	Controlling the attitude properly	✔	✔
	3	Opening the door, and unfolding the extender	✔	✔
	4	Unfolding the parabolic antenna	✔	✔
Full		Scanning the whole sky with the antenna	✘	✔
Advanced	1	Mapping radio wave intensity	✘	✔
	2	Controlling the antenna's direction by the intensity of radio wave	✘	✔

Conclusion

Achieved ALL of the sequences in ARLISS.

CanSat could do follows:
- Control attitude to unfold the parabolic antenna
- Scanning the whole sky

Thank you for your listening.