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Paper Title:	Smallsat/cubesat ground communication methods and limitations
Abstract:	When considering applications for a fleet of LEO satellites, Smallsats are a viable alternative due to significant cost advantages. One of the disadvantages is the limited data rate Smallsats can support due to their antenna size and power limitations. This paper explores these limitations and investigates alternatives to improve the overall constellation communication performance. Alternatives include crosslink's between the individual Smallsats (e.g. Iridium), overhead communication with relay/aggregator satellites (e.g. TDRS), or alternative ground architectures (e.g. diversity or multiple input, multiple output).
