

# Implementing A Radio Solution and Revising Example Mission: Univ. of Michigan RAX

Flown in 2008:

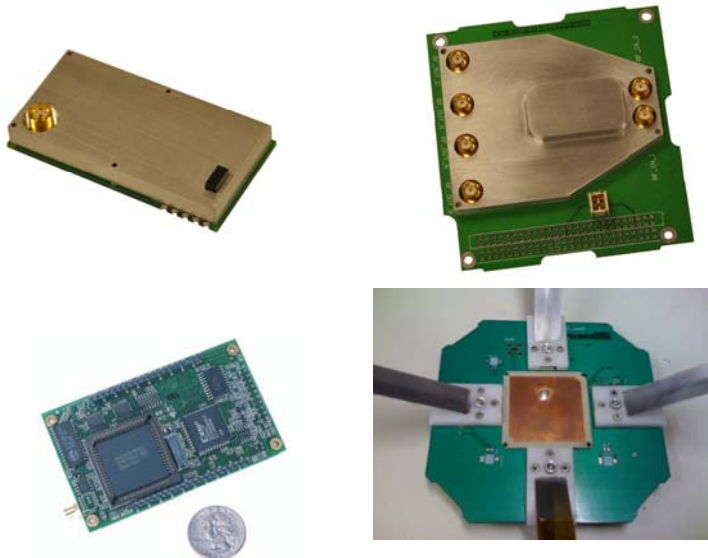
Lithium-1 Radio: Half Duplex

Microhard SBand

UHF RF Switch/Splitter/Phasing

Turnstile Antenna w/ SBand Patch\*

Total Cost: \$12k



Flown in 2011: *What could we do next?*

CII Radio: Dual Band; Full Duplex **Available**

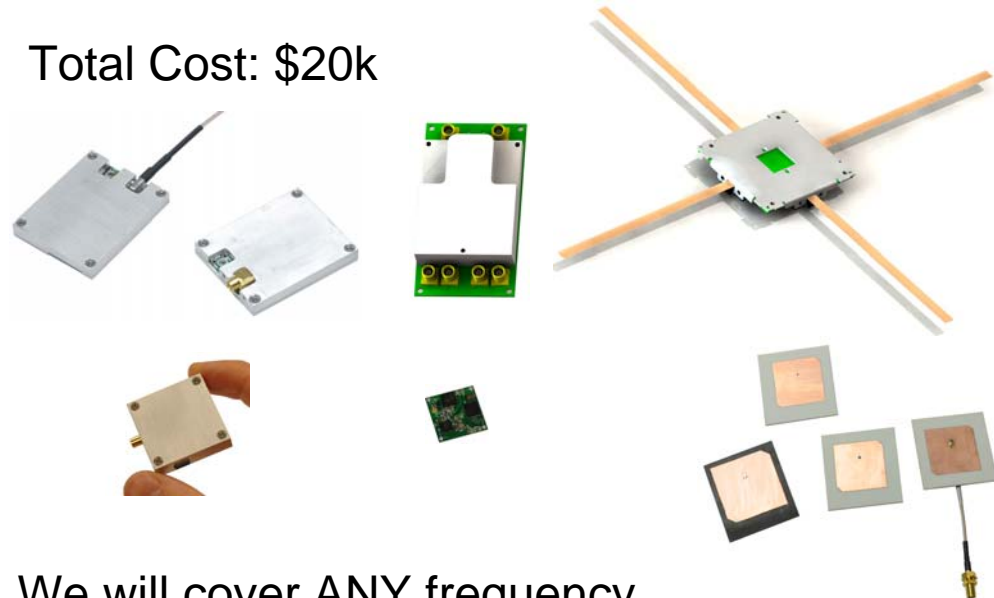
Mini RF Switch/Splitter/Phasing **Available**

Turnstile Antenna w/ SBand Patch **Available**

C Band Beacon **In Development**

Be-1 SBand Transmitter **In Development**

Total Cost: \$20k



By the End of 2011 We will cover ANY frequency below 2.6 GHz and modulation 'up' to OQPSK