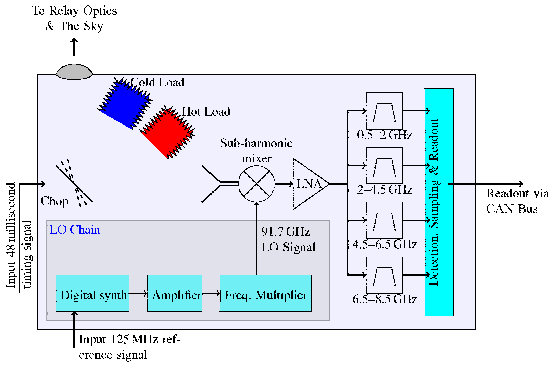
To Relay Optics
& The Sky
Cold Load
Hot Load
Sub-harmonic
mixer
LNA
Chop
Input 48 millisecond
tuning signal
LO Chain
9L7 GHz
LO Signal
Digital synth
Amplifier
Freq. Multiplier
Input 125 MHz ref-
erence signal
0.5–2 GHz
2–4.5 GHz
4.5–6.5 GHz
6.5–8.5 GHz
Detection, Sampling & Readout
Readout via
CAN Bus