

Performance and observation plans of an all-sky imaging system developed by CRL

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<http://www.crl.go.jp/t/team5/imager/imager.htm>

We developed two all-sky imagers which form a part of the Japan-US joint research program on optical/radio technology for arctic atmospheric science. We present a detailed design of the imager and initial results of the first observation which is conducted at the Poker Flat Research Range (65.1N, 147.5W) in February, 1999. We are planning to make an absolute sensitivity calibration, and to join a rocket campaign in Japan on January, 2000. After that, the imagers will be installed at Poker Flat on September 2000.

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