

## Development Study of Local Oscillator System for mm-wave Radio Receiver<sup>1)</sup>

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In this paper, we report the development and automation study planning of several local oscillator systems in order to compare the LO frequency and phase stability of each method. This comparing study is very important to get the optimum quality of the observing law data. From this research we will be proposed the best solution to configure the LO system at mm-wave band. Especially this research will be focused to any focal plane array receiving system.

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