

VOLUME 11

NUMBER 57

JOURNAL
OF THE
RADIO RESEARCH LABORATORIES

SEPTEMBER 1964

CONTENTS

- I. Patterns of Polar Cap Blackouts drawn in Geomagnetic
Coordinates corrected by the Higher Terms of Spherical
Harmonic Development. *By Y. Hakura* 273
- II. Observational Results by Flash Counter in Winter
and their Relationship to Cold Fronts
. *By M. Higashimura, I. Nishimuda and S. Kainuma* 295
- III. Measurement of Short-Term Frequency Instability and
Frequency Spectra of Highly Stable Oscillator
. *By Y. Yasuda and K. Yoshimura* 313
- IV. Occupied Bandwidth Measurement *By H. Okamoto* 331

THE RADIO RESEARCH LABORATORIES
MINISTRY OF POSTS AND TELECOMMUNICATIONS

TOKYO, JAPAN