

JOURNAL
OF THE
RADIO RESEARCH LABORATORIES

JULY / NOV. 1978

CONTENTS

I.	Theoretical Investigations on Site Attenuation —Propagation Characteristics Inside the Measuring Site for the Radio Interference—	By T. Kawana and S. Miyajima	105
II.	Frequency Switching TDMA System for Countermeasure against Rainfall Attenuation	By K. Kosaka	117
III.	Field Strength Distributions of Standard-Frequency and Time-Signal Emission in and Near Japan	By M. Tanaka, K. Suzuki and E. Takano	133
IV.	Ionospheric Plasma Probe Studies and Ionospheric Structure Studies by Space Vehicle Observations	By S. Miyazaki	153
V.	A Method of Controlling Orbits of Geostationary Satellites with Minimum Fuel Consumption	By K. Takahashi	247
VI.	Variation in the WWV, 15 MHz Field Strength Received at Hiraiso During a Long Solar Activity and the Application of the Result to Radio Disturbance Warning Services	By M. Ohsio and T. Kidokoro	261
VII.	International Geophysical Calendar for 1979		287
Table of Contents and Index of Authors in Volume 25			

THE RADIO RESEARCH LABORATORIES
MINISTRY OF POSTS AND TELECOMMUNICATIONS

TOKYO, JAPAN

ERRATA

Journal of the Radio Research Laboratories Vol.25 Nos.117/118 July/Nov.1978

Page	Line	error	read
Cover	↓12	Consumptiona	Consumption
Cover	↓14	Long	Low
Cover	↓15	Ohsio	Ohshio
110	↓ 8	$\alpha_{12}', \alpha_{1'2}'$	$\alpha_{12}, \alpha_{1'2}$
143	↓17	($\epsilon=10$ e.s.u. and $\sigma=5\times 10^8$ e.s.u.)	($\epsilon=10$ e.s.u. and $\sigma=5\times 10^7$ e.s.u.)
144	Fig. 7	2.5 MHz graph and 8 MHz graph	
157	↑ 7	with or	with
157	↑ 6	carried or	carried out by
164	↓13	method	methods
166	↑ 3	V_{max}	V_{max}
167	↑ 9	the ion species of ions exist	the ion species
170	↑ 6	$1^+, 4^+, 16^+$ and 30^+	1, 4, 16 and 30
170	↑ 3	$4^+, 16^+$ and 30^+	4, 16 and 30
170	↑ 2	$4^+, 16^+$ and 30^+	4, 16 and 30
171	↓ 2	4^+	4
171	↓ 3	16^+ and 30^+	16 and 30
174	↑ 8	voltage	voltages
184	↑ 1	Brilloin	Brillouin
185	↓ 1	treatment is	treatments are
186	↓ 5	mode	modes

Page	Line	error	read
188	↓16	case	cases
189	↓14	point	points
190	↓ 4	point	points
192	↑18	200km	120km
193	↓ 4	problem	problems
194	↑10	voltage	voltages
194	↑ 9	voltage	voltages
195	↑ 2	trajectory	the trajectory
196	↓ 9	f_{min}	f_{min}
200	↓ 1	temperatures	temperature
201	↓14	measurement	measurements
204	↓ 7	density shows	densities show
204	↑ 6	density shows	densities show
206	↓13	density	densities
214	↑ 4	a kind of a radio	radio frequency probes
215	↓ 2	this	these
216	↓ 4	investigator	investigators
218	↑15	Miyazaki	Miyazaki
225	↓ 1	at the altitude	at an altitude
226	↑ 9	at the altitude	at an altitude
226	↑ 7	at the altitude	at an altitude
226	↑ 1	at the altitude	at an altitude
229	Figs. 90(a) and (b)		Fig. 90(a) EMT) $N_e(cm^{-3})$ $= 6.5 \times 10^{10} i_e(Amp)$ and 90(b) EMT) $N_e(cm^{-3})$ $= 6.5 \times 10^{10} i_e(Amp)$
233	↑15	case	cases
236	↓12	to be larger	to be equal or larger
238	↓ 4	variation	variations
247	Title	CONSUMPTIONA	CONSUMPTION
249-259	Headline	Consumptiona	Consumption
261	↑19	f_{min}	f_{min}
262	↑10	Confirmation	Confirmation
264	cap. ↑4	numeral	numerical
265	↑ 7	ΣK 's	ΣK 's
269	↓15	ΣK	ΣK
269	↑ 7	sc	sc
270	↓ 3	ΣK upon	ΣK upon
270	↓ 3	ΣK in	ΣK in
282	↑ 5	receiving site. A correcting numerical value	transmitting site because of a rapid reported
i	↑ 1	Consumptiona	Consumption
ii	↓ 1	long	Low