

Turkish Journal of Physics

Turkish Journal

of

Physics

Calibration of Millimetric Marmara Radio Telescope and Radio Detection of Ozone Line Over Gebze/Kocaeli in Turkey

M.E. ÖZEL, I.M. YUSIFOV, A.O. ALLAKHVERDIEV,

TÜBİTAK Marmara Research Centre,

PO Box 21, 41470, Gebze, Kocaeli-TURKEY

A.A. VERTIY,

TUBITAK-Marmara Research Center, Turkish-Ukrainian Joint Research Laboratory,


PO Box 21, 41470, Gebze, Kocaeli-TURKEY,

G. BAYER, O. DEMİRCAN,

Ankara Univ., Dept. of Astronomy, Ankara-TURKEY,

H. KIRBIYIK, T. ADIGÜZEL,

Middle East Tech. Univ., Dept. of Physics, Ankara-TURKEY,

 [Keywords](#)

 [Authors](#)



phys@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)

Abstract: A brief description of the calibration procedures for the millimetric Marmara Radio Telescope, MRT-2 is presented. Observations carried out during the spectroscopic calibration work is indicative of daily variations of Ozone line of sight density over the telescope location. This being also the first radio observations carried out in Turkey, a short account of observations and results are given.

Turk. J. Phys., **23**, (1999), 497-510.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Phys.,vol.23,iss.3.](#)