

**PAPERS DESCRIBING ASPECTS OF EXPERIMENTAL DESIGN,
CALIBRATION, AND VALIDATION OF NDSC MICROWAVE OZONE
MEASUREMENTS AT LAUDER, NEW ZEALAND AND MAUNA LOA,
HAWAII**

Connor, B. J., A. Parrish, J. J. Tsou, and M. P. McCormick, Error analysis for the ground-based microwave ozone measurements during STOIC, *J. Geophys. Res.*, 100, 9283-9291, 1995.

Margitan, J. J., R. A. Barnes, G. B. Brothers, J. Butler, J. Burriss, B. J. Connor, R. A. Ferarre, J. B. Kerr, W. D. Kohmyr, M. P. McCormick, I. S. McDermid, C. T. McElroy, T. J. McGee, J. A. Miller, M. Owens, A. D. Parrish, C. L. Parsons, A. L. Torres, J. J. Tsou, T. D. Walsh, and D. Whiteman, Stratospheric Ozone Intercomparison Campaign (STOIC) 1989: Overview, *J. Geophys. Res.*, 100, 9193-9208, 1995.

McDermid, I. S., J. B. Bergwerff, G. Bodeker, I. S. Boyd, E. J. Brinksma, B. J. Connor, R. Farmer, M. R. Gross, P. Kimvilakani, W. A. Matthews, T. J. McGee, F. T. Ormel, A. Parrish, U. Singh, D. P. J. Swart, J. J. Tsou, P. H. Wang, and J. Zawodny, OPAL: Network for the Detection of Stratospheric Change ozone profiler assessment at Lauder, New Zealand. I. Blind intercomparison, *J. Geophys. Res.*, 28683-28692, 1998

McDermid, I. S., J. B. Bergwerff, G. Bodeker, I. S. Boyd, E. J. Brinksma, B. J. Connor, R. Farmer, M. R. Gross, P. Kimvilakani, W. A. Matthews, T. J. McGee, F. T. Ormel, A. Parrish, U. Singh, D. P. J. Swart, J. J. Tsou, P. H. Wang, and J. Zawodny, OPAL: Network for the Detection of Stratospheric Change ozone profiler assessment at Lauder, New Zealand. II. Intercomparison of revised results, *J. Geophys. Res.*, 103, 28693-28699, 1998.

McPeters, R. D., D. J. Hofmann, M. Clark, L. Froidevaux, M. Gross, B. Johnson, G. Koenig, S. McDermid, F. Murcray, S. Oltmans, A. Parrish, U. Singh, J. J. Tsou, and J. Zawodny, Results from the 1995 stratospheric ozone profile intercomparison at Mauna Loa, *J. Geophys. Res.*, 104, 30505-30514, 1999.

Parrish, A., deZafra, R. L., Solomon, P. M., and Barrett, J. W., "A Ground-Based Technique for Millimeter Wave Spectroscopic Observations of Stratospheric Trace Constituents, *Radio Science*, 23, 106, 1988.

Parrish, A., Connor, B. J., Tsou, J. J., McDermid, I. S., and Chu, W. P., "Ground-Based Microwave Monitoring of Stratospheric Ozone, *J. Geophys. Res.*, 97, 2541, 1992.

Parrish, A., Millimeter-wave remote sensing of ozone and trace constituents in the stratosphere. *Proc. IEEE*, 82, 1915-1929, 1994.

Tsou, J. J., B. J. Connor, A. Parrish, R. B. Pierce, I. S. Boyd, G. E. Bodeker, W. P. Chu, J. M. Russell III, D. P. J. Swart, and T. J. McGee, NDSC Millimeter wave ozone observations at Lauder, New Zealand 1992-1998: Improved methodology, validation, and variation study, *J. Geophys. Res.* 105, 24263-24282, 2000.