

Errata

P. H. Richter and S. D. Slobin (Telecommunications Systems Section) have submitted the following errata to their article "DSN 70-Meter Antenna X- and S-Band Calibration Part I: Gain Measurements," that appeared in the *Telecommunications and Data Acquisition Progress Report 42-97*, Vol. January-March 1989, June 15, 1989:

As the result of a somewhat too severe round-off, the coefficients appearing at the top of page 319 do not reproduce the X-band flux density value of $S_0 = 45.2037$ Jy for the radio calibration source Virgo A (3C274) given in the article.

The values given

$$a_0 = 3.9964$$

$$a_1 = 0.1733$$

$$a_2 = -0.3341$$

$$a_3 = 0.0352$$

should be changed to

$$a_0 = 3.9964$$

$$a_1 = 0.17327$$

$$a_2 = -0.33415$$

$$a_3 = 0.035172$$

The X-band Virgo A flux density given on page 319 should be rounded to 45.20 Jy and the S-band value of 138.48 Jy listed on page 323 should be reduced to the value 137.93 Jy.

These changes result in less than 0.001 dB of gain increase at X-band and a 0.017-dB gain increase at S-band.