National Radio Astronomy Observatory

Charlottesville, Virginia

W. Brundage and B. Vance To:

August 14, 1972

From: J. P. Greenhalgh

Subject: 300 ft. Pointing

The measurements we made in late January 1971, are reduced and plotted in the first three (3) attached plots. The BDF used to compute positions was .83. The peak radiometer output was used to define the measured position.

The last plot shows how the input parameters to the pointing routines can be derived from such measurements. The measurements there were made in February 1971. Positions were computed using a BDF of .84. The final inputs to the program are the following:

- 1. central BDF
- 2. critical distance
- 3. additional BDF

Insufficient information about gain and zero changes was kept to allow useful efficiency measurements.

cc: B. Viers

- F. Crews
- G. Conant

JPG/j

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