

THE PROBLEM AND HYPOTHESIS

WHEN A RADIO TELESCOPE IS PLACED WITHIN A CITY THERE IS A HUGE AMOUNT OF RFI PRACED PREGLENCY INTERFERENCES TO BE DEALT WITH

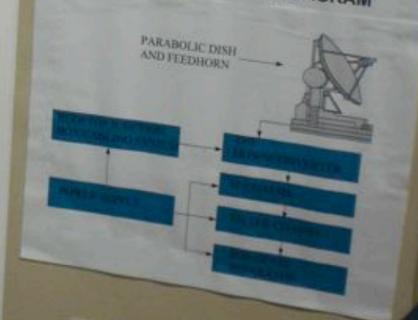
I HYPOTHESIZED THAT MPI CAN BE IDENTIFIED

AND ELIMINATED BY THE DESIGN AND
FABRICATION OF A NEW RECEIVING EYSTEM
FOR OUR MAINO TELESCOPE

THE STATEM WAS BUILT IN SEVEN OFFERENT SECTIONS. THESE SECTIONS NEVEL THE DOWNGOVERTER IF CHARSES, FILTER CHARSES, SANDPASS SEPARATOR, POWER SUPPLY, CABLING STETEM AND THE PLACING

RADIO FREQUE THROUGH SPI

THE RADIO TELESCOPE GENERAL
SYSTEM DESIGN BLOCK DIAGRAM



POWER SUPPL

IDENTIFYING AND REDUCING RADIO FREQUENCY INTERFERENCE THROUGH SPECTRUM ANAYLSIS

