

VLBA ACQUISITION MEMO #217

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Area Code 508

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To: VLBA Data Acquisition Group
From: Alan E.E. Rogers
Subject: Proposal for design change to reduce L.O. leakage from BBC

Substitution of a GPM-1052 for the GPD-1003 amplifier and a corresponding change of MAT-12 for MAT-3 attenuator in the 4-way switch (Drawing 54120S006) should increase the reverse isolation by 30 dB leaving other characteristics unchanged.

I plan to test this as a simple means (no PC board changes) of reducing the leakage of the L.O. signal and its sidebands out of the BBC.