

## Minutes for AMiBA Engineering Telecon

Meeting Date: 18-November-2004

Participants:

Australia:

USA: M.T., Kyle, C.T.

Taiwan: Homin, Steven, Patrick, Johnson, Huei

USA Dial-in = 1-800-653-5390, 6668081#

Outside USA Dial-in = 1 773 843 6301

Minutes Recorder: Steven

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### I. New Action Items:

### II. Previous Action Items (still open):

### III. Closed Action Items (as of this meeting):

### IV. Miscellaneous Discussions:

MMIC:

C.T.- We had sent the doubler chips and housings to Wisewave. We'll ask Wisewave about the delivery.

Receiver:

Kyle - Both receivers are running. IF power differences might be caused by IF equalizers. We will remove and test them to verify this issue. C.T.- Two new equalizers are in Hilo and we will replace the old ones and test them.

LO/IF:

Steven - The monitoring signal from IF/LO is confirmed and the IC is also tested. The new PCB for mounting the IC will be designed.

Kyle - Variable gain amplifiers are tested in Hilo by new VNA. We have some problems in calibration new VNA. M.T. - You can ask for YJ's help.

Calibration System:

Kyle -We're still waiting for other components from Wisewave.

Correlator:

C.T. - We can see the fringe from two receivers with the translating noise source. We will check other baselines in days.

Platform/Mount:

M.T. - Ted had good progress on the shelter this week. The shelter will be finished in this week. Pierre is looking into the cable length issue. Vertex haven't delivered the software for the mount. We will need it very soon. We should have it when the electrical loop and dummy ring arrive. Patrick - I will ask related individual about the pointing test. Homin - The software will be used in ACU. We will contact with vertex for the delivery schedule.

Dish:

Kyle - I would like to measure the dish temperature. There is a problem on prototype compressor cooling fan. I will ask Joshua or Pierre to have a check on the problem.

Site: