

Minutes for AMiBA Engineering Telecon

Meeting Date: 27-January-2005

Participants:

Australia:

USA: M.T., Kyle, Phillip, Patrick,

Taiwan: Pierre, C.T., Ted, Johnson, Steven, Joshua

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

Outside USA Dial-in = 1 773 843 6301

Minutes Recorder: Steven

I. New Action Items:

M.T. - Phillip should talk to Ted for platform and Shelter. I will call Joshua for the control building.

II. Previous Action Items (still open):

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

IV. Miscellaneous Discussions:

MMIC:

Receiver:

Johnson - I will do the room temperature test to check the Rx 3 and Rx 4 data log file to see what happened. There are temperature sensors in Taipei lab so I can do the cold head temperature test.

LO/IF:

Steven - I had sent out all purchase request form. I suggest we purchase 14sets variable gain amplifier. Miteq had response that they make a mistake. We can ask for the specification of 12V supply voltage. They can modify these two when we get the new one. The 42GHz attenuators delivery schedule is 45days.

Calibration System:

Kyle - No update.

Correlator:

C.T. - We receive the shielding for the readout board yesterday and need a little modification. I hope to go after Chinese year but I have to go the meeting on early March. The time is quit limited. I need the receiver been fixed first. **Johnson** - I will go earlier.

Dish:

Ted - I calculate the data and the secondary seems meet our requirements and the one of it beyond 50 micron rms. I had asked Along to fix this problems.

Patrick - I just look data the data and get the 63 micron. I think the parabolic shape is different from the specification. **Ted** - The Along's measurement this time is 20 points since the secondary is assembled.

C.T. - Keichi and Gauo-Chin is going to measure the 60cm dish.

Platform/Mount/Site:

M.T. - The ethernet connector is made by Kyle. Patrick is made the cables for temporary using. Pierre should send the component list to Joshua and CC to me. The leg 4 amplifier is working now and the real pointing exercise will start at Friday afternoon.

Pierre - I will send Patrick the diagram of the 48V cables. It is the same with the compressor used. I give the copy of component list to Joshua.

Patrick - The cable issue is resolved and we start testing now.

M.T. - We still have communication problems here.

Kyle - We don't have the communication box now.

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M.T. - We will have a meeting with Vertex for the timing of acceptance test. We can get the pointing started by Friday night. See the moon first. The problems right now is the communication box. We don't have the power.

Phillip - The shelter documents seems too early to send everyone now at this moments.