

Minutes for AMiBA Engineering Telecon

Meeting Date: 11-November-2004

Participants:

Australia: Michael

USA: Kyle, Jeff, C.T.

Taiwan: Homin, Steven, West, Patrick, Johnson, Paul

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

Outside USA Dial-in = 1 773 843 6301

Minutes Recorder: Steven

I. New Action Items:

II. Previous Action Items (still open):

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

IV. Miscellaneous Discussions:

MMIC:

Receiver:

Kyle - We replaced the Kapton vacuum seal on Rx #1. We will try to cool it down today. Eugene pointed out that the LNAs in Rx #3 require high gate voltages. We will need to use revised bias card. Receiver was cooled down and will replace the WR-22 to K adaptor. The following test could begin in days.

LO/IF:

Steven - the variable amplifier will ship back to Miteq. I need Derek to fill the request form of returning. Miteq ask for both of the amplifier to be sent back. The 42GHz attenuators will arrive to Hilo before end of November.

Calibration System:

Kyle - The YIG oscillator has arrived. We're still waiting for other components from Wisewave.

Correlator:

C.T. - The correlator had arrived in Hilo. We will set it up in days and check with receivers first.

Platform/Mount:

C.T. - Ted and Tashun are working on the shelter this week.

Michael - We will have to drive the hexapod for a very low level from the control box. However, Vertex has to have someone there to actually tune up the servo system before it would be safe for the computer to drive it. Philippe is discussing it with Vertex.

West - the helium layout had completed and will ask vendor for quotation.

Dish:

Kyle - I plan to measure the dish temperature. However, prototype is off line right now because chiller has some problem - the fan is not working. I'll contact the vendor for suggestion, or ask Joshua to have a look at.

Jeff - We had received all the components. Everything looks OK and will start to test the 1.2m dish. We have been doing optical alignment testing. We're able to place the LED at the vertex, and 100 meters away, with proper adjustment of secondary, we're able to see that fills the entire dish with light. We will begin test microwave properties of the dish this week.

Site: