

Minutes for AMiBA Engineering Telecon

Meeting Date: 02-December-2004

Participants:

Australia:

USA: M.T., Kyle, Ted, Pierre, Phillip

Taiwan: Huei, Homin, Steven, C.T.

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:

Huei-We are waiting for the test report of new boubler. Ming-Jye came to lab on last Friday. We need to identify the tests and proposal of band 1. The specification of noise is not guaranteed.

M.T.- I will be back in next week for detailed.

Receiver:

Kyle - Rx2 temperature is arising to 13K. Johnson - The test in Taipei Rx4 core head is also arising when Rx5 is cooling down.

Kyle - Rx1 is about 8K. I also asked West to measure the length difference of receiver main on and side on to determine whether to modify the IF cable.

LO/IF:

Kyle - We still need to test if the LO amplifier is OK which is 6 dB lower than usual. We should send the IF/LO back for replace the new PCB board.

Steven - Simon, the student of Prof. Chu had ordered the new mechanical cover.

Kyle - I try to make the data recover to the plot as yours but it looks still not the same with the plot.

Steven - I will send you the data of the VNA in Prof. Chu's Lab.

Calibration System:

Kyle - Johnson had tried to install the noise coupler.

Correlator:

C.T. - I saw a lot of interference between outputs. I tried to terminate the unused signal. The offset is quite small when only one board on the DC converter. I think I need more shielding on it.

Platform/Mount:

Phillip - We are waiting for the dummy ring. We also need the power supply. Vertex need to verify each jack screw one by one. We also need to find the weight so Vertex could compute the new model and get parameters.

Ted - We don't have enough height to install the dummy ring. Next Monday will put extra three foot. The shelter has two more side enclosure for installation.

Dish:

Kyle - The secondary is good so we can let Alone to proceed.

Site: