

Minutes for AMiBA Engineering Telecon

Meeting Date: 23-December-2004

Participants:

Australia:

USA: M.T., Johnson, Pierre

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

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:

C.T. - Huei is the first one be here and just leaving.

Receiver:

Johnson - Right now the temperature is good and will tuning the Rx3. We use the 13dB EQ now. Both channels are -7dBm now.

C.T. - Please send me the file so I can transfer to the flange.

Steven - If it has almost enough power, we might try the variable gain amplifier.

LO/IF:

Steven - I need M.T.'s comment if we need to put the 42GHz attenuators. Johnson had sent out the report and I think the result is pretty good. Also IF amplifier ned to be decided. I will ask Miteq about the variable gain amplifier.

M.T. - I will look into it today and give you the answer. EQ is a simple thing, Go ahead.

C.T. - Jackie expansion will be end on next March. We need to consider if we have to purchase any other things. I would suggest purchase the variable gain amplifier. I need to purchase the different slope EQ.

Johnson - We just receive the #4 IF/LO. We need one IF amplifier in the following IF/LO module.

Calibration System:

Johnson - Kyle just set up whole the system and we can get the flange. We need to check it.

C.T. - We should try the both polarization.

Correlator:

Kyle - Turn on the correlator 30 minutes then take data. But it looks strange.

C.T. - I ask Jashua to make some terminations for me. I will try to use it. I also ask West to design some shielding.

Platform/Mount:

M.T. - Ted, please check the helium line with Tashun. I need his update.

Ted - Tashun plans to visit the vendor today or tomorrow. He also sent them the revised drawing. The price includes some flexible line had been down pretty much. We accept the plateform, now SMA is just waiting the final payment and can ship out the platform. If we can pay the fee and SMA can ship out on Middle January and we can get it on early February.

Pierre - Our problems is we don't have software and correct connector. We need Vertex to send the right one. Vertex will send another control engineer here.

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Dish:

Ted - The 60cm just sent out and clear the custom. Along will finish the 6 more secondary and assembly.

Site:

Pierre - I am working on the network. I need to talk to Homin about the network connection.