



*Bridging the Gap Between Research & Impact*

Berkeley, CA

February 18, 2014

Temporary, experimental, research license

Dear Sir/Madame,

De Novo Group is an independent nonprofit (tax exempt) research center that is embedded within the University of California Berkeley – the department of Electrical Engineering and Computer Science.

We work in collaboration with university researchers on studies related to wireless technologies and computer networks. Our work is funded by industry gifts (Google.Org for example) as well as federal grants.

Currently, we lead a large scale research project to explore affordable ways to bring broadband Internet access to rural communities. Our test-bed networks are being deployed in rural northern California, to serve underserved communities in these locations.

As part of this project, we'll be experimenting with point-to-point microwave gear on licensed spectrum for which we desire FCC approved experimental license.

The duration of our experiment is set to 24 months, starting February 2014.

We expect to make a number of applications, similar to this one – for the various areas where our research would be conducted.

We are using highly directional point-to-point beams of relatively low power (due to solar-power constraints, as there is typically no grid power available). As such, we do not expect to interfere with any license holders or plausible users of these frequencies. Furthermore, we have studied the spectrum used in the desired areas and have not found any use in our desired frequencies (hence our specific choice of frequencies), which is not surprising given these are extremely rural areas that are sparsely populated.

Your assistance in speedy approval of our requested licenses is highly appreciated!

Thankfully,

Yahel Ben-David.

President – De Novo Group.