

Current Technologies, LLC
Experimental License Progress Report #18

Under its experimental license, Current Technologies, LLC ("Current") has operated its broadband over powerline ("BPL") communications equipment on both low voltage and medium voltage electric power distribution lines. This BPL equipment forms a communications path that safely bypasses the step-down transformer segregating the low and medium voltage power lines. These experimental operations have validated the capabilities of BPL technology. Current's proprietary BPL equipment continuously delivers always-on, symmetrical broadband speeds to virtually all of the existing electrical outlets in the customer premises, enabling both Smart Grid and Internet access services.

Current's experimental BPL operations to date have enabled Current to develop and verify or certify its BPL equipment under applicable FCC Part 15 emissions requirements and to commence the manufacture and distribution of commercial equipment. These experimental operations have also validated significant cost reductions and functionality improvements in Current's BPL systems and helped facilitate Current's development of BPL-enabled equipment for export to and use in markets outside the U.S. Current has received no interference complaints, nor has any interference been detected, during any of its experimental operations.

During this latest reporting period, Current has not engaged in any experimental operations.