

BBN Technologies respectfully submits this application for a new Experimental Radio Station Authorization to operate the transmitters described in the application file number 0226-EX-PL-2012 dated 5/7/2012. BBN Technologies seeks to demonstrate and characterize the communications performance of coherent distributed MIMO techniques being developed under DARPA BAA 11-61, the Computational Leverage Against Surveillance Systems: Advanced Communications Techniques (CLASS ACT) program. BBN is currently funded to perform on this DARPA program under government contract number W911QX-12-C-0039 dated 3/30/2012.