

REQUEST FOR SPECIAL TEMPORARY AUTHORITY
Call Sign E120148

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) for 60 days beginning August 10, 2012 to conduct on-site testing solely in the standard C- and Ku- frequency bands of the 9.1-meter earth station antenna recently installed at DIRECTV’s uplink facility in Long Beach, California while its license application is being processed (*see* IBFS File No. SES-LIC-20120731-00705).

This earth station antenna is designed to communicate with all U.S.-licensed satellites operating on standard C-band (*i.e.*, 5925-6425 MHz Earth-to-space and 3700-4200 MHz space-to-Earth) and Ku-band (*i.e.*, 14.0-14.5 GHz Earth-to-space and 11.7-12.2 GHz space-to-Earth) frequencies, as well as specific satellites operating on extended Ku-band (*i.e.*, 13.75-14.0 GHz Earth-to-space) frequencies. However, DIRECTV is not requesting in this STA authority to transmit in the extended Ku-band.

During the proposed tests, this earth station will communicate with the GALAXY IIC satellite within the parameters set forth in the above referenced application. In addition, DIRECTV will test the antenna’s ability to sustain full-power operations over an extended period (approximately 24 hours). For this part of the testing, DIRECTV will point the antenna to zenith, which will place the main beam well away from the geostationary arc (*i.e.*, almost 40° away). Note that this high power test is the only portion of the test that will include both the Ku-band and C-band. DIRECTV will, of course, operate on a non-interference basis and immediately discontinue transmissions if alerted to any problems.

The requested STA would serve the public interest by allowing DIRECTV to perform the testing necessary to establish the performance of its earth station antenna and resolve any issues in preparation to operate it on a commercial basis. DIRECTV therefore respectfully requests that the Commission grant this STA request as expeditiously as possible.