numbers.

TAPE6: Informational output file.
TAPE7: Optional output file containing ASCII version of the parameters contained in TAPE3.

4.3 Sequence for running LNFL

* Download latest LNFL tar code (containing the source code) and the latest line parameter database from rtweb.aer.com.
* Compile LNFL using using makefiles found in LNFL tar file. Note,

temperature: [W / (cm

accomplished in a manner identical to that for radiances. Note that selecting brightness temperature in the postprocessing will not provide a meaningful result. In general, the input parameters for AJ calculations is described in the LBLRTM instructions where the required parameter is described, particularly note RECORD 1.2.b. The scanmrg option (IMRG=42,43 in this case) has not been tested and should be used with extreme caution.

Finally, a script has been included with ALL necessary files to

6.7 Absorption due to clouds/aerosols and LOWTRAN5 routines

Absorption due to clouds and aerosols can be computed in LBLRTM by setting the IAERSL flag in the input TAPE5 file (refer to instructions). This flag allows for LBLRTM to utilize the aerosol capabilities of LOWTRAN5.

6.8

LNFL/LBLRTM
Frequently Asked Questions