

**TECHNICAL EXHIBIT**  
**DISPLACEMENT APPLICATION**

FACILITY: K16JA-D, FI 183018  
LUFKIN, TX  
THE EDGE SPECTRUM INC.  
Existing FCC file number BNPDTL-20090827ABW

Pursuant to the 4/18/2019 window announced by the Commission regarding the above entitled LPTV/Translator displacement filing arising from the incentive auction 600 MHz TV band repack, the within application is filed in connection with the initial filing. The application makes the following changes:

1. Channel is displaced to 36, FULL SERVICE MASK
2. Antenna is changed to PSI PSILP16OI-36/EPOL, Electrical tilt 1.0°.
3. ERP is to be 15.0 kW H-plane and 5.0 kw V-plane.
4. Antenna is to be located at same tower ASR 1202450; orientation 10° at 72.0M AGL.

No other changes are to be made. NIER is less than 5% of the limit for this service; no new tower construction or changes are planned. In keeping with the original plan, RF hazard warning signage and appropriate access limits are employed.

Using the specified equipment, pattern and ERP, the application is in compliance with all pertinent portions of §74.793 with respect to all other existing part 73 and part 74 licenses, permits and applications known as of the time of filing; however, as a station in the LPTV or TX service which is displaced into the core or otherwise required to modify its facilities in accordance with the presence of an incoming repacked full service station assigned to its previous channel, the within applicant agrees, if necessary, to not operate on the channel or with the service proposed in the within application until any potentially mutually interfering repacked full service station or stations have left their channels pursuant to the relevant phase assignment(s) and further agrees to accept nominal amounts of interference from permits or licenses in existence at the time of this filing.

J. R. McDonald  
April 25, 2019