1800E1-RLG

REGISTERED MAIL-RETURN RECEIPT REQUESTED

Ms. Line Perron, Director

Broadcast Applications Engineering

Broadcasting Regulatory Branch

Industry Canada

Jean Edmonds Tower North

300 Slater Street

Ottawa, Ontario, Canada KIA OC8

Dear Ms. Perron:

The Commission is in receipt of a proposal to install a LPTV/Translator station as follows:

1. Applicant: EDGE SPECTRUM INC.
2. File Number: 0000071811 Call Sign: W31EX-D
3. Channel Number: 31 (DIGITAL)
4. Principal Community to be Served: BANGOR, ME.
5. Proposed Transmitter Location: 44 51 09 NL

68 47 04 WL

6. Effective Radiated Power: 8 kW

7. Transmitting Antenna: PSI/PSILP12AWR (DIRECTIONAL)

Orientation: 100 DEGREES

 Overall Height Above Ground: 80 meters

 Overall Height Above Mean Sea Level: 172.0 meters

1. Average HAAT: 128 meters

9. Digital Emission Mask: FULL SERVICE

In view of the proximity of this proposed site to the Canadian-U.S.A. border, your comments are requested.

 Sincerely,

 Ron Graser

 Media Bureau, Video Division

 (202) 418-1600

##### Directional Antenna Relative Field Values (Pre-rotated Pattern)

| **Degree** | **VA** | **Degree** | **VA** | **Degree** | **VA** | **Degree** | **VA** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 0.95 | 90 | 0.87 | 180 | 0.12 | 270 | 0.87 |
| 10 | 0.945 | 100 | 0.78 | 190 | 0.13 | 280 | 0.94 |
| 20 | 0.94 | 110 | 0.7 | 200 | 0.17 | 290 | 0.98 |
| 30 | 0.945 | 120 | 0.62 | 210 | 0.27 | 300 | 1 |
| 40 | 0.96 | 130 | 0.52 | 220 | 0.42 | 310 | 0.98 |
| 50 | 0.98 | 140 | 0.42 | 230 | 0.52 | 320 | 0.96 |
| 60 | 1 | 150 | 0.27 | 240 | 0.62 | 330 | 0.945 |
| 70 | 0.98 | 160 | 0.17 | 250 | 0.7 | 340 | 0.94 |
| 80 | 0.94 | 170 | 0.13 | 260 | 0.78 | 350 | 0.945 |