Federal Communications Commission

SHARED TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
NEW JERSEY PUBLIC BROADCASTING AUTHORITY
25 South Stockton St.
TRENTON, NJ, 08608

Facility ID: 48465
NTSC TSID: 2002
Digital TSID: 2003
This License Covers Construction Permit No.
0000033596

Grant Date
10/29/2020
Expiration Date
06/01/2023

Hours of Operation
Unlimited

Station Location
City
TRENTON
State
NJ

Frequency (MHz)
524.0 - 530.0
Station Channel
23

Facility Type
Noncommercial Educational
Shared Station(s)
Facility ID: 48481
Call Sign: WNJS

This authorization reissued to NEW JERSEY PUBLIC BROADCASTING AUTHORITY on 10/29/2020. Corrected channel number.

Antenna Structure Registration Number
1045125

Transmitter
Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission’s Rules.
Transmitter Output Power(kW)
As required to achieve authorized ERP.

Antenna Coordinates
Latitude 39-43-41.0 N
Longitude 74-50-38.0 W
Antenna Type
Non-Directional
| Description of Antenna |  |
|------------------------|  |
| **Make** | **DIE** |
| **Model** | **TFU-30GBH-R 08 DC** |

<table>
<thead>
<tr>
<th>Antenna Beam Tilt (Degrees Electrical)</th>
<th>Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Lobe Directions</th>
<th>Maximum Effective Radiated Power (Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>281 kW</td>
</tr>
<tr>
<td></td>
<td>24.49 DBK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height of Radiated Center Above Ground (Meters)</th>
<th>Height of Radiated Center Above Mean Sea Level (Meters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>260</td>
<td>294.1</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Height of Radiated Center Above Average Terrain (Meters)</th>
<th>Overall Height of Antenna Structure Above Ground (Meters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>264</td>
<td>See the registration for this antenna structure.</td>
</tr>
</tbody>
</table>

### Waivers/Special Conditions

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.