Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
MAINE PUBLIC BROADCASTING CORPORATION
1450 Lisbon Street
Lewiston, ME, 04240

Call Sign	File Number
WMEA-TV	0000239118

Facility ID: 39656
NTSC TSID: 1436
Digital TSID: 1437
This License Modifies License No. 0000108722

ATSC 3.0

Grant Date	Expiration Date
08/15/2019	04/01/2031

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City WATERVILLE **State** ME	488.0 - 494.0	17

Facility Type
Commercial

Antenna Structure Registration Number
1024383

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

Antenna Coordinates	Antenna Type
Latitude 43-55-29.0 N **Longitude** 70-29-27.0 W	Directional

Description of Antenna
Make DIELECTRIC
Model TFU-26DSC/VP-R C130

Antenna Beam Tilt (Degrees Electrical) 0.75	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 30.0	**Maximum Effective Radiated Power (Average)** 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 465.5	**Height of Radiated Center Above Mean Sea Level (Meters)** 595.0
Height of Radiated Center Above Average Terrain (Meters) 479	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign	Facility ID
WMEA-TV	39656

Grant Date 04/24/2024	**Expiration Date** 04/01/2031	
Hours of Operation Unlimited		
Station Location **City** BIDDEFORD **State** ME	**Frequency (MHz)** 602.0 - 608.0	**Station Channel** 36
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1037792	
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** 43-25-0.3 N **Longitude** 70-48-15.2 W	**Antenna Type** Directional

Description of Antenna	
Make Dielectric **Model** TFU-18ETT-R S240	
Antenna Beam Tilt (Degrees Electrical) 0.75	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 90.0	**Maximum Effective Radiated Power (Average)** 149 kW 21.73 DBK
Height of Radiated Center Above Ground (Meters) 157.4	**Height of Radiated Center Above Mean Sea Level (Meters)** 349.4
Height of Radiated Center Above Average Terrain (Meters) 231	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

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.