



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**DIGITAL TELEVISION**  
**DISTRIBUTED TRANSMISSION SYSTEM**  
**BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

MOUNTAIN BROADCASTING CORPORATION  
99 CLINTON ROAD

WEST CALDWELL NJ 07006

Facility Id: 43952

Analog TSID: 2014

Digital TSID: 2015

Kevin R. Harding

Associate Chief

Video Division

Media Bureau

Grant Date: August 30, 2012

This license expires 3:00 a.m.  
local time, June 01, 2015.

License File Number: BLCDT-20101130AAX

This license covers permit no.: BMPCDT-20091130ALN

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WMBC-TV

License No.: BLCDT-20101130AAX

Name of Licensee: MOUNTAIN BROADCASTING CORPORATION

Station Location: NJ-NEWTON

Frequency (MHz): 494 - 500

Channel: 18

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 40 deg 51 min 53 sec

West Longitude: 74 deg 12 min 03 sec

DTS Site Number: 1

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: DIE, TFU-16GTH-R 2S350

Beam Tilt: 1 Degrees Electrical

Major lobe directions 290  
(degrees true):

Antenna Coordinates: North Latitude: 40 deg 51 min 53 sec

West Longitude: 74 deg 12 min 03 sec

Transmitter output power: 28.1 kW  
14.49 DBK

Maximum effective radiated power (Average): 1000 kW  
30 DBK

Height of radiation center above ground: 193 Meters

Height of radiation center above mean sea level: 313 Meters

Height of radiation center above average terrain: 250 Meters

Antenna structure registration number: 1045123

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

Callsign: WMBC-TV

License No.: BLCDT-20101130AAX

DTS Site Number: 2

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: RFT, SFN-2030-G-8

Beam Tilt: 1 Degrees Electrical

Major lobe directions            110  
(degrees true):

Antenna Coordinates: North Latitude:    40 deg   44 min   54 sec

                                 West Longitude:    73 deg   59 min   10 sec

Transmitter output power: 3.2 kW  
   5.05 DBK

Maximum effective radiated power (Average):            90 kW  
   19.5 DBK

Height of radiation center above ground:                307 Meters

Height of radiation center above mean sea level: 323 Meters

Height of radiation center above average terrain: 309 Meters

Antenna structure registration number: 1007048

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

\*\*\*    END OF AUTHORIZATION    \*\*\*