Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee
ECHONET CORPORATION
PO Box 610
P.O. BOX 610
LITTLETON, CO, 80160

Call Sign	File Number
KBRO-LD	0000097432

Facility ID: 18475
NTSC TSID:
Digital TSID:
This Permit Modifies License File No. 0000082162

Grant Date	**Expiration Date**
01/29/2020	10/10/2022

Hours of Operation
Unlimited

Station Location	**Frequency (MHz)**	**Station Channel**
City Denver **State** CO	54.0 - 60.0	2

Antenna Structure Registration Number	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	**Transmitter Output Power(kW)** As required to achieve authorized ERP.
Antenna Coordinates **Latitude** 39-43-46. N **Longitude** 105-14-10 W	**Antenna Type** Directional
Description of Antenna **Make** SCA **Model** CL-24/HDCA5 Array	**Major Lobe Directions** 100.0
Antenna Beam Tilt (Degrees Electrical) Not Applicable	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** 3@90

Maximum Effective Radiated Power (Average) 3 kW 4.77 DBK	
Height of Radiated Center Above Ground (Meters) 15.2	**Height of Radiated Center Above Mean Sea Level (Meters)** 2258.2
Out-Of-Channel Emission Mask Full Service	**Overall Height of Antenna Structure Above Ground (Meters)** 27.4

Waivers/Special Conditions

- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

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.