

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

ECHONET CORPORATION
ATTN: WILLIAM R. GOUGER
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LITTLETON, CO, 80160

Call Sign	File Number
KBRO-LD	0000004680

Facility ID: 18475**NTSC TSID:****Digital TSID:****This License Covers Permit
No.:** 0000004169

Grant Date 09/23/2016		Expiration Date 04/01/2022
Hours of Operation Unlimited		
Station Location City Fort Collins State CO	Frequency (MHz) 482.0 - 488.0	Station Channel 16

Antenna Structure Registration Number 1271533	
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 40-32-46.9 N Longitude 105-11-54.8 W	Antenna Type Directional
Description of Antenna Make MCI Model 955516	Major Lobe Directions 90.0
Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 20	Height of Radiated Center Above Mean Sea Level (Meters) 2192.9
Out-Of-Channel Emission Mask Full Service	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.