

Federal Communications Commission

TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Licensee/Permittee

CBS BROADCASTING INC.
1800 K STREET NW
SUITE 920
WASHINGTON, DC, 20006

Call Sign File Number

WCCO-TV BXPCDT-20131023AIA

Facility ID: 9629

NTSC TSID: 1584

Digital TSID: 1585

Grant Date 08/15/2016	Expiration Date 08/14/2019	
Hours of Operation Unlimited		
Station Location City MINNEAPOLIS State MN	Frequency (MHz) 578.0 - 584.0	Station Channel 32
Facility Type Commercial		

Antenna Structure Registration Number 1023883	
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 45-3-45.0 N Longitude 93-8-22.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TUM20-C4SP-14/50-1-R-S	

Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 210.0	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 319.6	Height of Radiated Center Above Mean Sea Level (Meters) 624.5
Height of Radiated Center Above Average Terrain (Meters) 349	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- For emergency, maintenance & test purposes only.

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.