

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

CBS BROADCASTING INC.
1725 DeSales St. NW
Suite 501
Washington, DC, 20036

Call Sign	File Number
WWJ-TV	0000108051

Facility ID: 72123

NTSC TSID: 1492

Digital TSID: 1493

**This License Covers Construction
Permit No.**

0000025826

Grant Date 03/17/2020		Expiration Date 10/01/2021	
Hours of Operation Unlimited			
Station Location City DETROIT State MI		Frequency (MHz) 512.0 - 518.0	Station Channel 21
Facility Type Commercial			

Antenna Structure Registration Number 1003429	
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 42-26-52.5 N Longitude 83-10-23.1 W	Antenna Type Non-Directional
Description of Antenna Make DIE Model TFU-17ETT/VP-R O4	

Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 380 kW 25.80 DBK
Height of Radiated Center Above Ground (Meters) 324.4	Height of Radiated Center Above Mean Sea Level (Meters) 526.2
Height of Radiated Center Above Average Terrain (Meters) 326.7	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.