

REQUEST FOR
SPECIAL TEMPORARY AUTHORIZATION
IW LIMITED LIABILITY COMPANY
WMJC (FM) RADIO STATION
CH 232A - 94.3 MHZ - 3.0 KW
SMITHTOWN, NEW YORK
April 2007

TECHNICAL STATEMENT

This technical statement was prepared on behalf of IW Limited Liability Company ("IW"), licensee of WMJC, Channel 232A, Smithtown, New York. IW herein requests authority to operate WMJC at its authorized site with reduced power and an antenna height decrease. This request is necessary because of damage to the station's tower. The upper most portion of the structure is to be replaced.

IW proposes to utilize an emergency non-directional antenna (circularly polarized) located on the same tower on which the WMJC antenna is currently located; therefore, no change in site is proposed. The WMJC emergency/STA antenna will operate with a nominal power, not to exceed 3.0 kilowatts and will be mounted with its center of radiation not to exceed 45.6 meters (150.0 feet) above ground.

Exhibit #1 is a map showing that the proposed 60 dBu contour of the STA facilities will not extend beyond that of the licensed WMJC 60 dBu contour. Furthermore, the requested STA will not require tower construction. A significant portion of the community of Smithtown, New York will also continue to receive a 70 dBu signal from the proposed STA facility.¹ The tower

1) The 70 dBu contour of the proposed STA facility is also shown on Exhibit #1.

has been registered with the Commission and assigned Antenna Structure Registration Number 1056734. Attached as Exhibit #2 is a radio frequency radiation study for the proposed WMJC STA.

Based on the foregoing data, IW herein requests Special Temporary Authority to operate WMJC with the following facilities:

Effective Radiated Power:	3.0 kilowatts (H/V)
Height Above Average Terrain:	46.6 meters
Radiation Center Above Ground Level:	45.7 meters
Radiation Center Above Mean Sea Level:	75.6 meters
Geographic Coordinates:	North Latitude 40° 48' 08"
	West Longitude 73° 17' 12"
Marking and Lighting:	As required in ASR
Tower Registration:	1056734
Antenna Type:	Nicam - MK2FC2K14-2 (Two bay, 0.8 wave spaced)

This Request for Special Temporary Authority was prepared on behalf of IW Limited Liability Company by Graham Brock, Inc., its Technical Consultants. All data contained herein is true and accurate to the best of our belief and knowledge. All FM information contained in this request was extracted from the CDBS.