

AMENDED  
**TECHNICAL EXHIBIT 23**  
ALLOTMENT

IN SUPPORT OF MINOR CHANGE APPLICATION  
**WDHA-FM, DOVER, NEW JERSEY**  
**FEBRUARY 2007**

These technical exhibits have been prepared on behalf of The Sentinel Publishing Co. (“Sentinel”), licensee of FM radio station WDHA-FM, Dover, New Jersey, in support of Sentinel’s amendment to minor change application (BPH-20070214ABG) for a construction permit to increase the effective radiated power (ERP) for the Class A operation. The amendment is for a slight change in the proposed directional antenna pattern.

At present WDHA-FM is licensed to operate on Channel 288A (105.5 MHz) with 1.0 kW effective radiated power (ERP) and 175 meters antenna height above average terrain (HAAT) using a non-directional antenna. WDHA-FM proposes to increase the power and operate with 2.0 maximum ERP and 175 meters HAAT (equivalent facilities to 6 kW/100 meters HAAT) using a directional FM antenna. No other changes are proposed.

The geographic coordinates (NAD-27) of the WDHA-FM antenna site are unchanged and are as follows:

N 40°-51’-19”  
W 74°-30’-42”

The following information provides pertinent data for the proposed Channel 288A operation of WDHA-FM.

Name of the Licensee:       The Sentinel Publishing Co.

Station Location:           NJ-Dover

Frequency: 105.5 MHz

Channel: 288

Class: A

Hours of Operation: Unlimited

Antenna Type: Directional

Antenna Coordinates (NAD-27): North Latitude: 40 deg 51 min 19 sec  
West Longitude: 74 deg 30 min 42 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Maximum ERP in the Horizontal Plane (kW):	2.0	2.0
Height of radiation center above ground (meters):	39	39
Height of radiation center above mean sea level (meters):	354	354
Height of radiation center above average terrain (meters):	175	175
Antenna Structure Registration Number:	N/A	
Overall height of antenna structure above ground (meters):	43	