

**TECHNICAL EXHIBIT 23**  
ALLOTMENT

IN SUPPORT OF AN APPLICATION  
FOR A CONSTRUCTION PERMIT  
**WKHI(FM), FRUITLAND, MARYLAND**  
OCTOBER 2008

These technical exhibits have been prepared on behalf of Great Scott Broadcasting (“GSB”), licensee of FM radio station WKHI(FM), Fruitland, Maryland, and are in support of a minor change application for a construction permit to increase the station’s antenna height.

At present, WKHI(FM). Facility ID No. 4107, is licensed to operate on Channel 299A (107.7 MHz) with 6 kW effective radiated power (ERP) and 72 meters antenna height above average terrain (HAAT) using a non-directional antenna. The proposed operation will be on Channel 299A (107.7 MHz) with 5.3 kW effective radiated power (ERP) and 106 meters antenna height above average terrain (HAAT) using a non-directional antenna at the current antenna site location.

WKHI(FM) Channel 299A Proposal

GSB is proposing to increase the antenna height of the current WKHI(FM) antenna site for its Class A operation. The proposed height increase will be accomplished by adding a pole to the existing free standing communications tower near Pittsville, MD. The proposed WKHI(FM) antenna would be 104 meters above ground level on the pole atop the existing tower. The FAA has authorized an increase in the overall height of the tower. The existing tower is registered with the Commission (ASR Number: 1036465) and is in the process of being modified to reflect the new tower height.

The following information provides pertinent data for the proposed Channel 299A operation of WKHI(FM).

Name of the Licensee: Great Scott Broadcasting

Station Location: MD-Fruitland

Frequency: 107.7 MHz

Channel: 299

Class: A

Hours of Operation: Unlimited

Antenna Type: Non-Directional

Antenna Coordinates (NAD-27): North Latitude: 38 deg 23 min 00 sec  
 West Longitude: 75 deg 24 min 53 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Maximum ERP in the Horizontal Plane (kW):	5.3	5.3
Height of radiation center above ground (meters):	104	104
Height of radiation center above mean sea level (meters):	119.8	119.8
Height of radiation center above average terrain (meters):	106	106
Antenna Structure Registration Number:	1036465	
Overall height of antenna structure above ground (meters):	107.9	