

Tele-Sci Solutions

P.O. Box 237

Augusta, NJ 07822-0237

Phone: 973-383-7845

Fax: 973-383-5625

Email: telesci@yahoo.com

FREQUENCY COORDINATION REPORT

4 AND 6 GHZ TRANSMIT-RECEIVE EARTH STATION

HTN COMMUNICATIONS INC.

CLEVELAND, OH

APRIL 7, 2008

1. **CONCLUSIONS**

Tele-Sci Solutions has performed an Interference Study and Frequency Coordination considering all existing, proposed and prior coordinated microwave facilities within the coordination contours of the proposed Earth Station. This Interference Study and Frequency Coordination demonstrate that this site will operate satisfactorily with the Terrestrial Microwave Environment as defined on the frequency coordination data sheet.

2. **SUMMARY OF RESULTS**

There were no potential great circle interference cases at 4 GHz. There were no potential great circle interference cases at 6 GHz which have not been satisfactorily resolved. There were no reported cases of rain scatter beam intersections at 4 or 6 GHz.

3. **SUPPLEMENTAL SHOWING**

The Satellite Earth station proposed in this Application was coordinated by Tele-Sci Solutions, using computer techniques and in accordance with Parts 25 and 101 of the FCC Rules and Regulations.

4. **FREQUENCY COORDINATION DATA**

The attached Frequency Coordination Data contains the following:

Technical Characteristics of Proposed Earth Station

Horizon Antenna Gain Plot

Discrimination Angle Plot

Local Horizon Plot

Satellite Elevation Plot

4 and 6 GHz Coordination Contour

4 and 6 GHz Rain Scatter

5. **FREQUENCY COORDINATION STATEMENT (FCC PART 101)**

Holders of licenses, permittees, prior filed applicants or planners of 6 GHz transmitting stations were notified on March 12, 2008 of the proposed Earth Station technical details in accordance with Section 25.203 (c-2) of the FCC Rules and Regulations. Satisfactory coordination was achieved on the basis that harmful interference would not occur, or that sufficient terrestrial and/or artificial shielding exists.

ALLTEL Communications, LLC
American Electric Power Service Corporation
Cellco Partnership – Bridgeville, PA
Cellco Partnership - Ohio
Conwavz
Dobson Cellular Systems, Inc.
East Ohio Gas Company
Ohio RSA 2 Limited Partnership
ALLTEL Ohio Limited Partnership
MCI Communication Services, Inc.
Ohio RSA 6 Limited Partnership
Pennsylvania RSA 1 Limited Partnership
New Par
Youngstown Warren MSA Ltd. Partnership
CNG Transmission Corporation
W.A.T.C.H. TV Company, Inc.
Comsearch
Micronet Communications Inc.
Black & Associates
Consolidated Spectrum Services
Pinnacle Telecom Group
Radio Dynamics Corporation

6. **Certification of Person Responsible for Preparing Frequency Coordination Information Submitted in this Application**

I hereby certify that I am the technically qualified person responsible for preparation of the frequency coordination information contained in this application; that I am familiar with Parts 101 and 25 of the Commission's Rules; that I have either prepared or reviewed the frequency coordination information submitted in this application; and, that it is complete and accurate to the best of my knowledge.

Janine I. Miliband
Tele-Sci Solutions
April 7, 2008