

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of ADULLAM GOSPEL CHURCH, licensee of Low Power Television Station WUCB-LP, Channel 41 in Cobleskill, New York, in support of this Application for Construction Permit to specify digital operation on Channel 41 from the licensed WUCB-LP site, as a "flashcut" proposal.

It is proposed to utilize the existing ERI directional antenna which is mounted at the 96-meter level of an existing 101-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the newly proposed 51 dBu contour encompasses a significant portion of the Grade A contour that obtains from the licensed WUCB-LP facility. Operating parameters for the proposed facility are tabulated in Exhibit C. An interference study is provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1010829 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.


KYLE T. FISHER

April 26, 2010

CONTOUR POPULATION

51 dBu : 34,441

41 dBu : 65,781

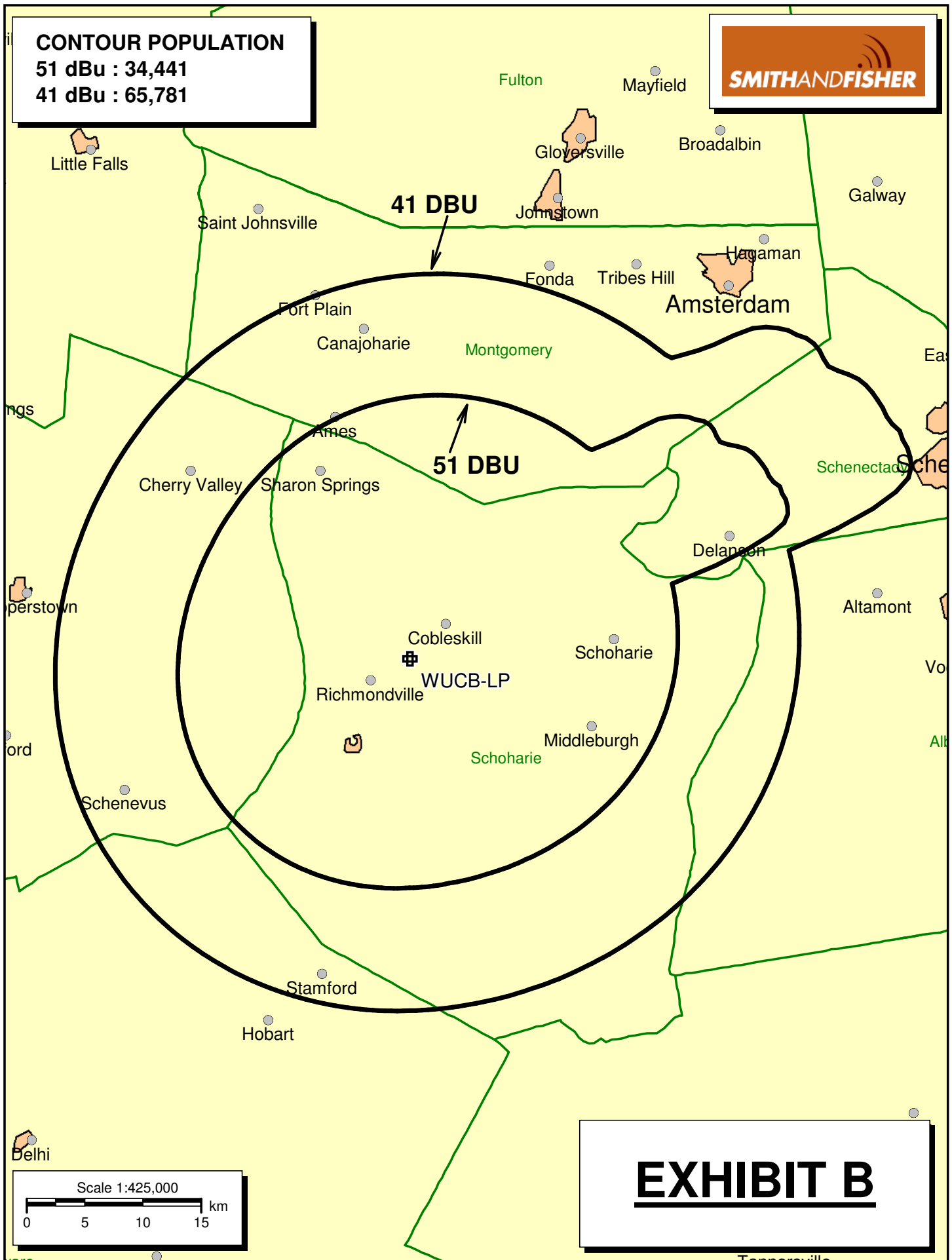


EXHIBIT B

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED WUCB-LP
CHANNEL 41 – COBLESKILL, NEW YORK

Transmitter Power Output:	0.5 kw
Transmission Line Efficiency:	65.3%
Antenna Power Gain – Toward Horizon:	14.06
Antenna Power Gain – Main Lobe:	14.06
Effective Radiated Power – Toward Horizon:	4.6 kw
Effective Radiated Power – Main Lobe:	4.6 kw
Transmitter Make and Model:	Type-accepted
Rated Output	1.0 kw
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	340 feet
Antenna Make and Model:	Andrew AL8
Orientation	50°T
Beam Tilt	1.75 degrees
Effective Height Above Ground:	96 meters
Effective Height Above Mean Sea Level:	386 meters

LONGLEY-RICE INTERFERENCE STUDY
PROPOSED WUCB-LD
CHANNEL 41 – COBLESKILL, NEW YORK

We conducted a detailed interference study using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to all facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 2000 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than that proposed WUCB-LD) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit D-2. They conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, it is believed that the proposed WUCB-LD facility complies with the requirements of Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 of the Commission's Rules.

INTERFERENCE SUMMARY

PROPOSED WUCB-LD
CHANNEL 41 COBLESKILL, NEW YORK

<u>Call Sign</u>	<u>Status</u>	<u>City, State</u>	<u>Ch.</u>	<u>Longley-Rice Service Population</u>	<u>Unmasked Interference From Proposed Facility</u>	<u>%</u>
WVBG-LD BDFCDTL-20090715AIO	CP	Albany, NY	41	860,058	5,270	0.6
WNGX-LD BLDTL-20090903AAL	Lic.	Schenectady, NY	42	391,473	18	<0.1

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED WUCB-LD
CHANNEL 41 – COBLESKILL, NEW YORK

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Cobleskill facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 4.6 kw, an antenna radiation center of 96 meters above ground, and the vertical pattern of the Andrew (ERI) antenna, maximum power density two meters above ground of 0.00050 mw/cm^2 is calculated to occur 38 meters northeast of the base of the tower. Since this is only 0.1 percent of the 0.42 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 41 (632-638 MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.