

Exhibit 1
FCC Form 302-FM
Application for Broadcast Station License Radio
Station WSQN

Prepared by
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Radio Station WSQN operates on an assigned frequency of 88.1 MHz, Channel 201A, with transmission facilities located at Guilford in NY. The station's construction permit is for 88.1 MHz, Channel 201B1 authorizes an ERP of 4.5 kW vertical, radiated from an antenna with radiation center 28 meters above ground level. At the time of testing this station was operating at 4.5 kW. The transmitter is located atop Rowell Hill, in an agricultural field, 0.52 km north of North Pond Rd.

On December 5, 2018, David K. Peabody, a staff engineer of Broadcast Signal Lab, LLC, performed a survey of the aggregate ambient radio frequency energy at the transmitter site of Radio Station WSQN to determine its compliance with the radio frequency exposure requirements as specified in 47 CFR §1.1307¹.

The measurement procedures used were in accordance with the recommendations contained in Section 3 of FCC OET Bulletin 65². A Narda 8700 series Electric Field Measurement system was used to perform all of the RFE measurements in this study.

¹ *Code of Federal Regulations*, "Telecommunication," Parts 0 to 19, published annually by the Office of the Federal Register, National Archives and Records Administration, Washington, DC

² *Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields*, OET Bulletin 65, Edition 97-01 (August 1997), Federal Communications Commission Office of Engineering and Technology

Subsequent to our examination, fencing was added surrounding the WSQN tower guy lines and guy line anchor located at seventy-five feet away and at approximately 235° or WSW of the WSQN tower, and documented by photographs sent to this observer.

Per the survey results, with the inclusion of a recent fence, Radio Station WSQN is in compliance with the FCC's Maximum Permissible Exposure (MPE) limits at all measured locations. A detailed survey report is forthcoming and will be placed in the station's records.

Access to the WSQN areas where radio frequency energy levels may exceed the public exposure/uncontrolled limits is strictly controlled by the site owner, and appropriate RF safety signs are located wherever personnel may gain access to the transmission facilities.

Broadcast Signal Lab hereby certifies that, as of this date, the specified facility complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

This exhibit was prepared by the undersigned personally and is true and accurate to the best of his knowledge and belief.

A handwritten signature in black ink, appearing to read "David Peabody". The signature is fluid and cursive, with the first name "David" being more prominent.

David Peabody, Broadcast Engineer

Broadcast Signal Lab, LLC

December 20, 2018