

Exhibit 23.1
Topographic Map
of Existing Site

Existing Site
 42°54'57" NL
 72°19'53" WL
 NAD 1927

MUNN-REESE, INC.
 Broadcast Engineering Consultants
 Coldwater, MI 49036
 1(517)278-7339



42°55'30"N
 72°20'49"W Map Extent 72°18'57"W
 42°54'24"N

The National Map
<http://nationalmap.gov/>

Geographic Coordinate System (WGS84)

Exhibit 23.2

Vertical Plan of Antenna System

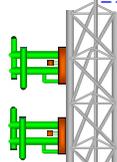
The site is located atop West Hill,
the city of Keene, Cheshire County, New Hampshire.

Site Location (NAD 27)

NL: 42° 54' 57"
WL: 72° 19' 53"

Proposed Antenna
COR: 432 meters AMSL
HAAT: 169 meters

434.9 meters AMSL



32.6 meters AGL

30 meters

NOTE: Existing Tower Construction

Antenna Structure Registration No.
1034136
(Pending Correction)

Ground Elevation = 402.3 m AMSL
Drawing is not to Scale

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EXHIBIT 23.3

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Saga Communications of New England, Inc.
Call: WSNI(FM)
City of License: Keene, NH
Frequency: 97.7 MHz **Channel:** 249A **ERP:** 2.15 kW **HAAT:** 169 M
Transmitter Location: The site is located atop West Hill
City: Keene
County: Cheshire
State: New Hampshire
Site Coordinates: NL: 42° 54' 57" / WL: 72° 19' 53"
Tower Registration Number: 1034136 (Pending Correction)
Proposed Operation: Class A
Effective Radiated Power: 2.15 kW (H) 2.15 kW (V)
Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	169 meters	432 meters	30 meters
Vertical	169 meters	432 meters	30 Meters

Elevation of Tower Site : 402.3 Meters AMSL
Overall Height of Structure Above Ground : 32.6 Meters AGL
Overall Height of Structure Above Mean Sea Level: 434.9 Meters AMSL

Exhibit 23.4 Present & Proposed Service Contour Study WSNI(FM) - Keene, NH

WSNI.P
 Proposed Operation
 Latitude: 42-54-57 N
 Longitude: 072-19-53 W
 ERP: 2.15 kW
 HAAT: 169 m
 Channel: 249
 Frequency: 97.7 MHz
 AMSL Height: 432.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

70 dBu Contour
 Total Population: 47,353
 Total Area: 886.44 sq. km

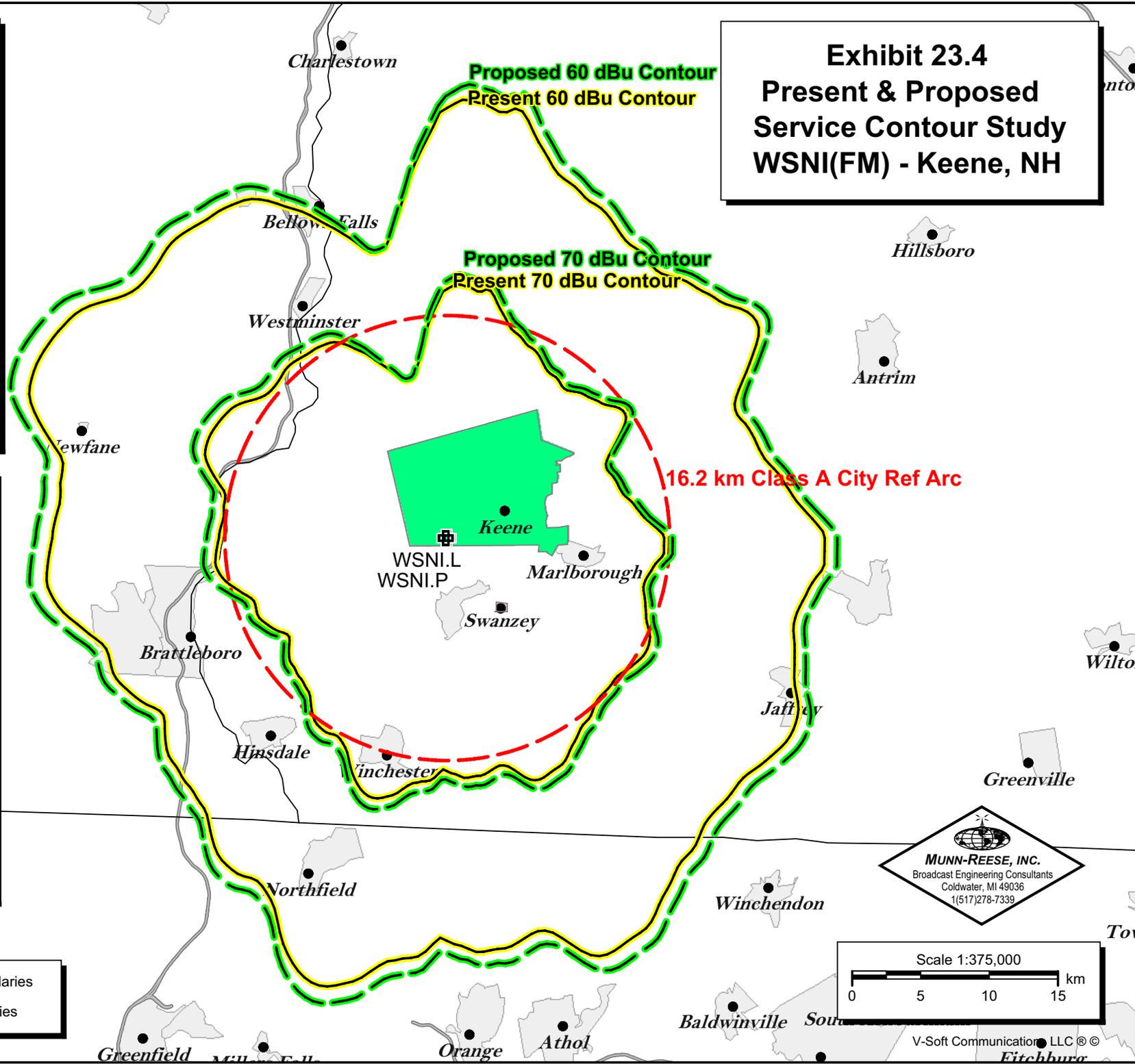
60 dBu Contour
 Total Population: 101,036
 Total Area: 2663.81 sq. km

WSNI.L
 BLH20071116AEV
 Latitude: 42-54-57 N
 Longitude: 072-19-48 W
 ERP: 1.75 kW
 HAAT: 187.0 m
 Channel: 249
 Frequency: 97.7 MHz
 AMSL Height: 438.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

70 dBu Contour
 Total Population: 45,744
 Total Area: 819.44 sq. km

60 dBu Contour
 Total Population: 94,287
 Total Area: 2488.54 sq. km

 Proposed Community Boundaries
 Former Community Boundaries




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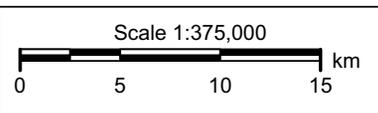


Exhibit 23.5 - Copy of HAAT Calculation using the 1 km GLOBE Terrain Database as taken from FCC.gov



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Audio Division

(202)-418-2700

Antenna Height Above Average Terrain (HAAT) / Contour Calculations

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[FCC site map](#)

Antenna Height Above Average Terrain Calculations -- Input

Latitude **42 54 57.0 North**
Longitude **72 19 53.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **432.0** meters

Number of Evenly Spaced Radials = 8 0° is referenced to True North

Results:

Calculated HAAT= 169. meters

(Antenna Height Above Average Terrain)
using 1 km GLOBE terrain data)

Antenna Radiation Center Heights Above Individual Radials:

0.0°	187.9 meters
45.0°	122.8 meters
90.0°	159.7 meters
135.0°	175.4 meters
180.0°	196.3 meters
225.0°	132.4 meters
270.0°	188.4 meters
315.0°	188.3 meters

New Antenna Height Above Average Terrain (HAAT) calculation?

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