

WWTM, 1400 kHz, Mooresville, AL  
Daytime Allocation Study Map

WBIP  
0.5 mV/m  
0.025 mV/m

WZZA  
0.5 mV/m  
0.25 mV/m

WWTM  
0.5 mV/m  
0.25 mV/m  
0.025 mV/m

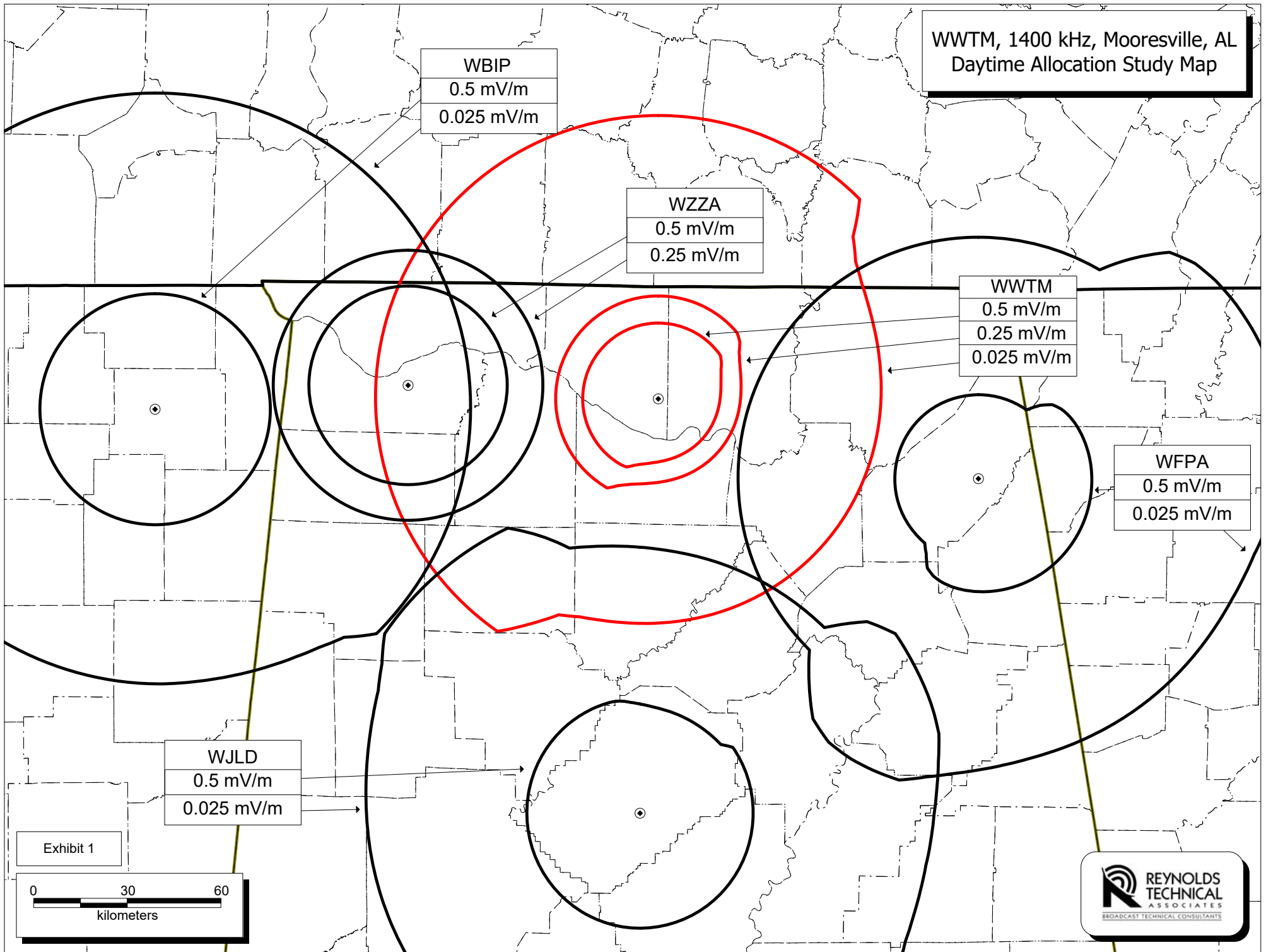
WFPA  
0.5 mV/m  
0.025 mV/m

WJLD  
0.5 mV/m  
0.025 mV/m

Exhibit 1

0 30 60  
kilometers

REYNOLDS  
TECHNICAL  
ASSOCIATES  
BROADCAST TECHNICAL CONSULTANTS



WWTM, 1400 kHz, Mooresville, AL  
WZNG, 1400 kHz, Shelbyville, TN  
Existing and Proposed Overlap

WZNG  
0.5 mV/m  
0.025 mV/m

AREA = 2,103 sq km  
POPULATION = 104,430

AREA = 1,548 sq km  
POPULATION = 35,280

AREA = 107 sq km  
POPULATION = 49,639

WWTM  
Proposed  
0.5 mV/m  
0.025 mV/m

AREA = 1,833 sq km  
POPULATION = 76,617

WWTM  
Licensed  
0.5 mV/m  
0.025 mV/m

#### Overlap Figures

Interference WWTM Offers to WZNG  
Population Reduction - 104,430  
Population Increase - 0  
Area Reduction - 2,103 sq km  
Area Increase - 0 sq km

Interference WZNG Offers to WWTM  
Population Reduction - 76,617  
Population Increase - 49,639  
Area Reduction - 1,833 sq km  
Area Increase - 107 sq km

Exhibit 2

0 20 40  
kilometers

Distance to 1 V/m Contour - 120 meters  
Population Inside 1 V/m Contour - 0

## WWTM, 1400 kHz, Mooresville, AL Proposed Daytime Contours Map

### WWTM(AM)

Frequency: 1400 kHz  
Latitude: 34-40-09 N  
Longitude: 86-49-11 W  
ERP: 0.25 kW  
RMS at 1 km: 241.579 mV/m  
# of Towers: 1

### WWTM(AM)

5 mV/m

2 mV/m

0.5 mV/m

Mooresville, AL  
City Boundaries

•Hillsboro

•Trinity

Decatur

•Flint City

•Priceville

•Somerville

•Hartselle

•Harvest

•Moores Mill

Madison

Huntsville

Redstone Arsenal

Triana

Owens Crossroads

Exhibit 3

0 5 10  
kilometers

**REYNOLDS  
TECHNICAL  
ASSOCIATES**  
BROADCAST TECHNICAL CONSULTANTS

WWTM, 1400 kHz, Mooresville, AL  
Remaining Services Study

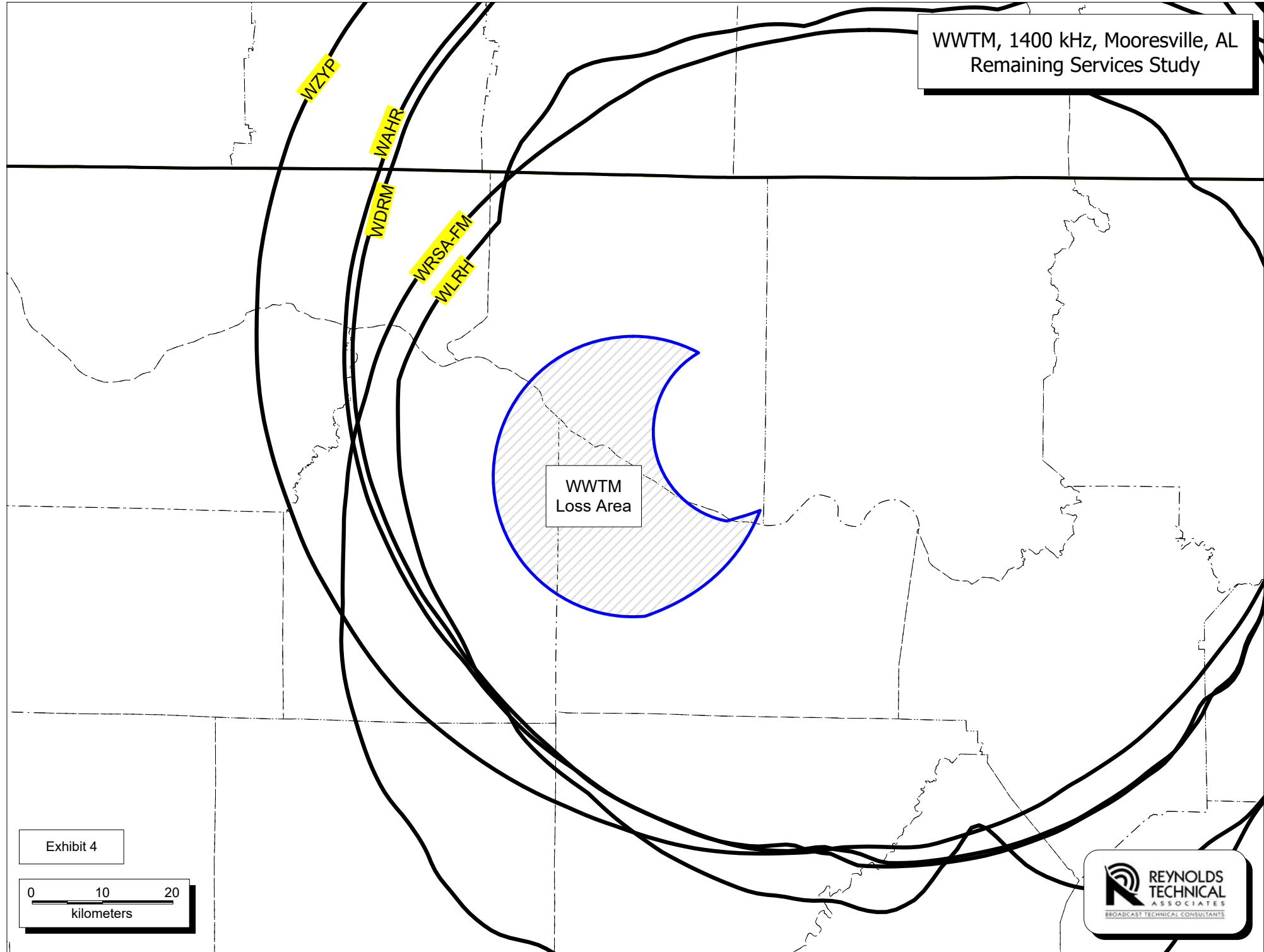
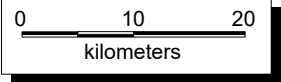


Exhibit 4

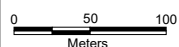




WWTM, 1400 kHz, Mooresville, AL  
Tower Site Plat

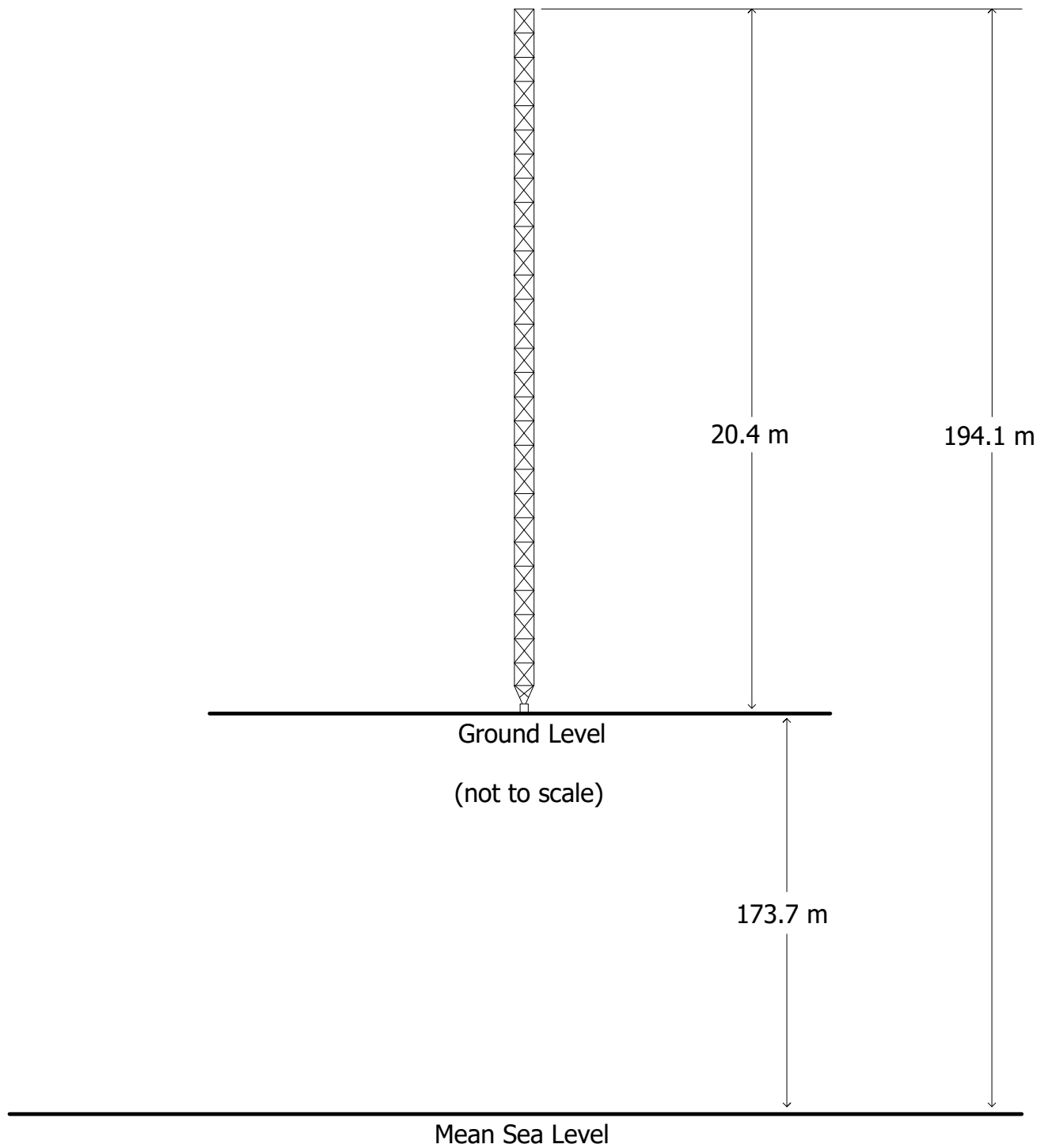


Exhibit 5





WWTM, 1400 kHz, Mooresville, AL  
Tower Vertical Sketch



NAD 27  
Site Coordinates:  
34° 40' 09"  
86° 49' 11"