

Madison Baptist Church

Identification of Facilities

Madison, AL

CALL FORMAT LATITUDE	ST ARN LONGITUDE	CITY HAAT:m	FREQ OWNER AMSL:m	CHN	CL	ERP	STAT
Proposed Unknown or New CP 34-44-01.0 N	AL 86-43-43.0 W	MADISON 164.793	107.90000 379.000			LP100 3.00	APP MADISON BAPTIST CHURCH, INC.
W298BZ Unknown or New CP 34-47-53.3 N	AL 86-38-24.0 W	HUNTSVILLE 211.236	107.50000 480.000		D	250.00	LIC SOUTHERN STONE COMMUNICATIONS, LLC
WVMB-LP Unknown or New CP 34-49-30.3 N	AL 86-54-24.0 W	MADISON 16.070	107.90000 270.000			LP100 41.00	APP MADISON BAPTIST CHURCH, INC.
WVMB-LP Unknown or New CP 34-49-30.3 N	AL 86-54-24.0 W	MADISON 15.491	107.90000 270.000			LP100 41.00	LIC MADISON BAPTIST CHURCH, INC.
WAJF-LP Unknown or New CP 34-30-43.3 N	AL 86-50-55.0 W	DECATUR 68.828	107.90000 288.000			LP100 9.00	LIC TAXPAYERS DEFENSE FUND
WUHT Unknown or New CP 33-29-04.4 N	AL 86-48-25.0 W	BIRMINGHAM 383.461	107.70000 597.000		C1	43000.00	LIC RADIO LICENSE HOLDING CBC, LLC

Terrain Data is calculated using USGS 3 ARC second Data.

Allocation Study

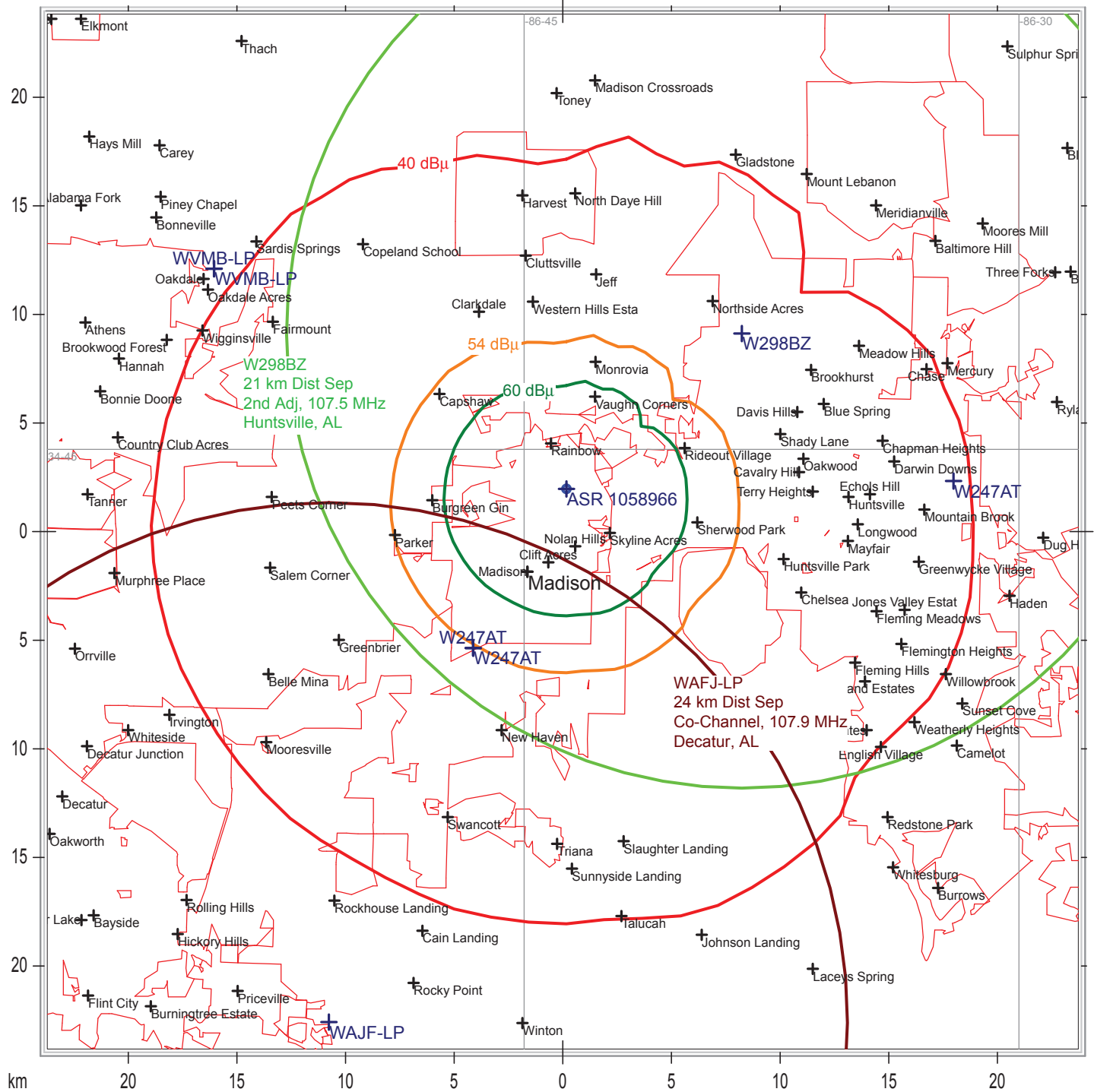


Figure 1
Madison Baptist Church
Allocation Study
Madison, AL

State Borders City Borders Lat/Lon Grid

Figure 3

Madison Baptist Church

HAAT

Madison, AL

11/16/23, 4:27 PM

Antenna Height Above Average Terrain (HAAT) Calculator | Federal Communications Commission

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **34° 44' 1" North**

Longitude **86° 43' 43" West** (NAD 83)

Height of antenna radiation center above mean sea level: **379 meters** AMSL

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

Results

Calculated HAAT = **161 meters**

Antenna Height Above Average Terrain calculated
using 1 km [GLOBE terrain data](#)

Individual "Radial HAAT" Values, in meters

0°	119.1 m
45°	136.9 m
90°	169.5 m
135°	167.7 m
180°	189.5 m
225°	185.8 m
270°	169.4 m
315°	153.0 m

[Print Results?](#)

[New Calculation?](#)