

W32EY-D/W40CQ-D.C

0000053910

Latitude: 29-37-46.42 N

Longitude: 082-34-25.10 W

ERP: 0.30 kW

Channel: 32

Frequency: 581.0 MHz

AMSL Height: 160.5 m

Elevation: 26.5 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 0.5

Prop Model: Longley/Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0

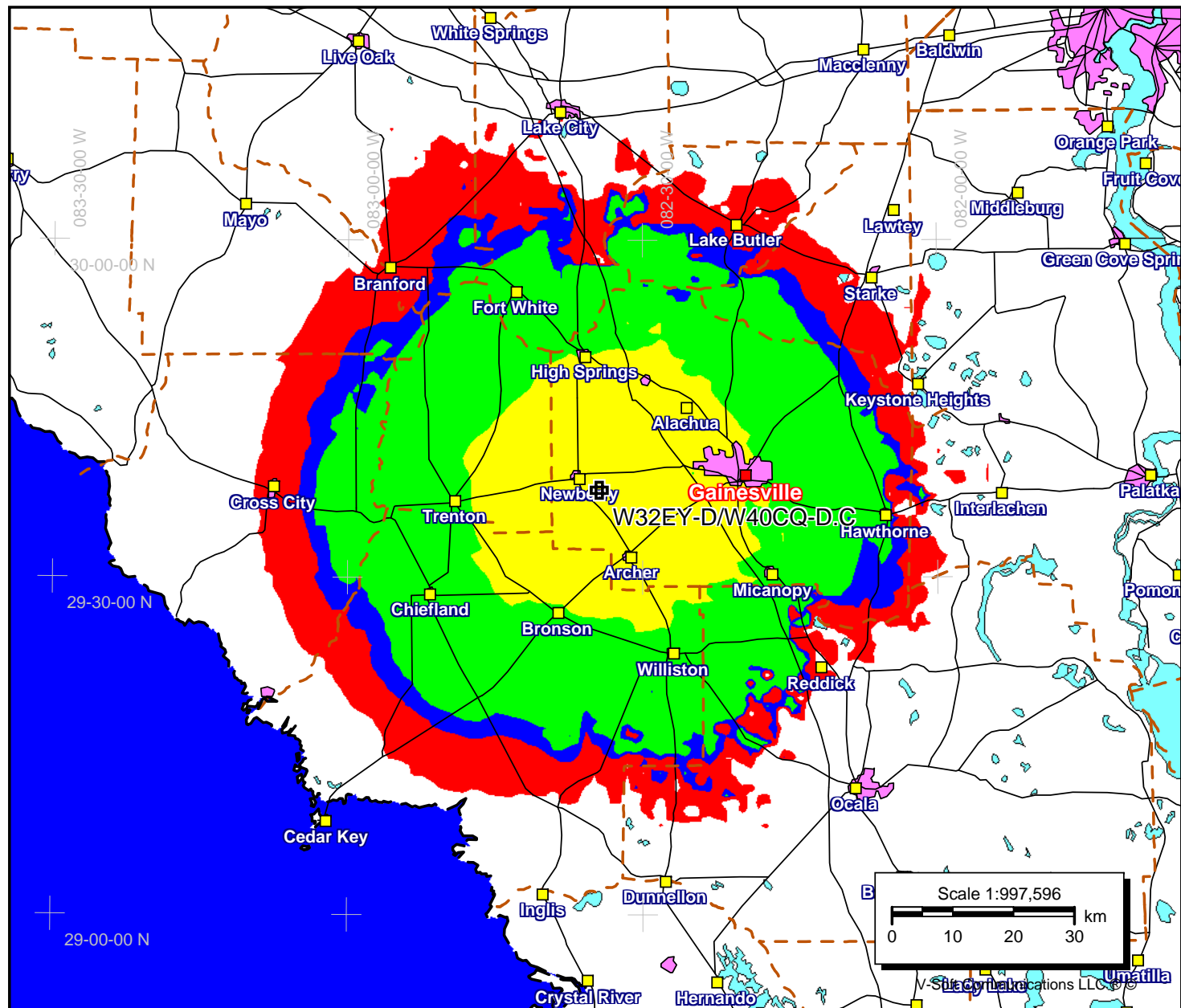
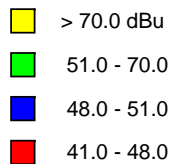
Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast



V-Soft Communications Population Report

Population Database: 2016 US Census Estimate

Primary Terrain: V-Soft 3 Second US Terrain

Transmitter Information:

Call Letters: W32EY-D/W40CQ-D.C
File Number: 0000053910
Latitude: 29-37-46.42 N
Longitude: 082-34-25.10 W
ERP: 0.30 kW
Channel: 32
Frequency: 581.0 MHz
AMSL Height: 160.5 m
Elevation: 26.5 m
Horiz. Antenna Pattern: Directional
Vert. Elevation Pattern: Yes
Electrical Beam Tilt: 0.5
Propagation Model: Longley/Rice
Climate: Continental temperate
Conductivity: 0.0050
Dielectric Constant: 15.0
Refractivity: 311.0
Receiver Height AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 90.0%
Situation Variability: 50.0%
ITM Mode: Broadcast

Population report for W32EY-D/W40CQ-D.C

Field Strength Breakdown:

Population data for field strength above 70.00 (dBuV/m):

Total Population: 232,725

Total Housing Units: 103,345

Breakdown:

White:	151,376	(65.0%)
Black:	36,099	(15.5%)
Hispanic:	23,604	(10.1%)
Native American:	547	(0.2%)
Asian:	15,296	(6.6%)
Pacific Islander:	129	(0.1%)
Mixed Race:	5,674	(2.4%)

Population data for field strength above 51.00 (dBuV/m):

Total Population: 336,461 Total Housing Units: 148,815

Breakdown:

White:	222,824	(66.2%)
Black:	58,854	(17.5%)
Hispanic:	30,125	(9.0%)
Native American:	954	(0.3%)
Asian:	15,938	(4.7%)
Pacific Islander:	187	(0.1%)
Mixed Race:	7,579	(2.3%)

Population data for field strength above 48.00 (dBuV/m):

Total Population: 352,130 Total Housing Units: 155,202

Breakdown:

White:	235,068	(66.8%)
Black:	60,836	(17.3%)
Hispanic:	31,169	(8.9%)
Native American:	1,024	(0.3%)
Asian:	16,031	(4.6%)
Pacific Islander:	192	(0.1%)
Mixed Race:	7,810	(2.2%)

Population data for field strength above 41.00 (dBuV/m):

Total Population: 399,962 Total Housing Units: 176,505

Breakdown:

White:	272,529	(68.1%)
Black:	66,356	(16.6%)
Hispanic:	34,767	(8.7%)
Native American:	1,271	(0.3%)
Asian:	16,325	(4.1%)
Pacific Islander:	218	(0.1%)
Mixed Race:	8,496	(2.1%)