

Principal City Contour (70 dBu)

WGNE-FM

BLH19881109KA

Latitude: 30-19-22 N

Longitude: 081-38-34 W

ERP: 48.00 kW

Channel: 260

Frequency: 99.9 MHz

AMSL Height: 304.0 m

HAAT = 300 m

Elevation: 1.2 m

Tower ID# 1029147

70 dBu Pop=1,004,216

5,941.72 sq. km

60 dBu Pop= 1,159,426

13,214.6 sq. km

Horiz. Pattern: Omni

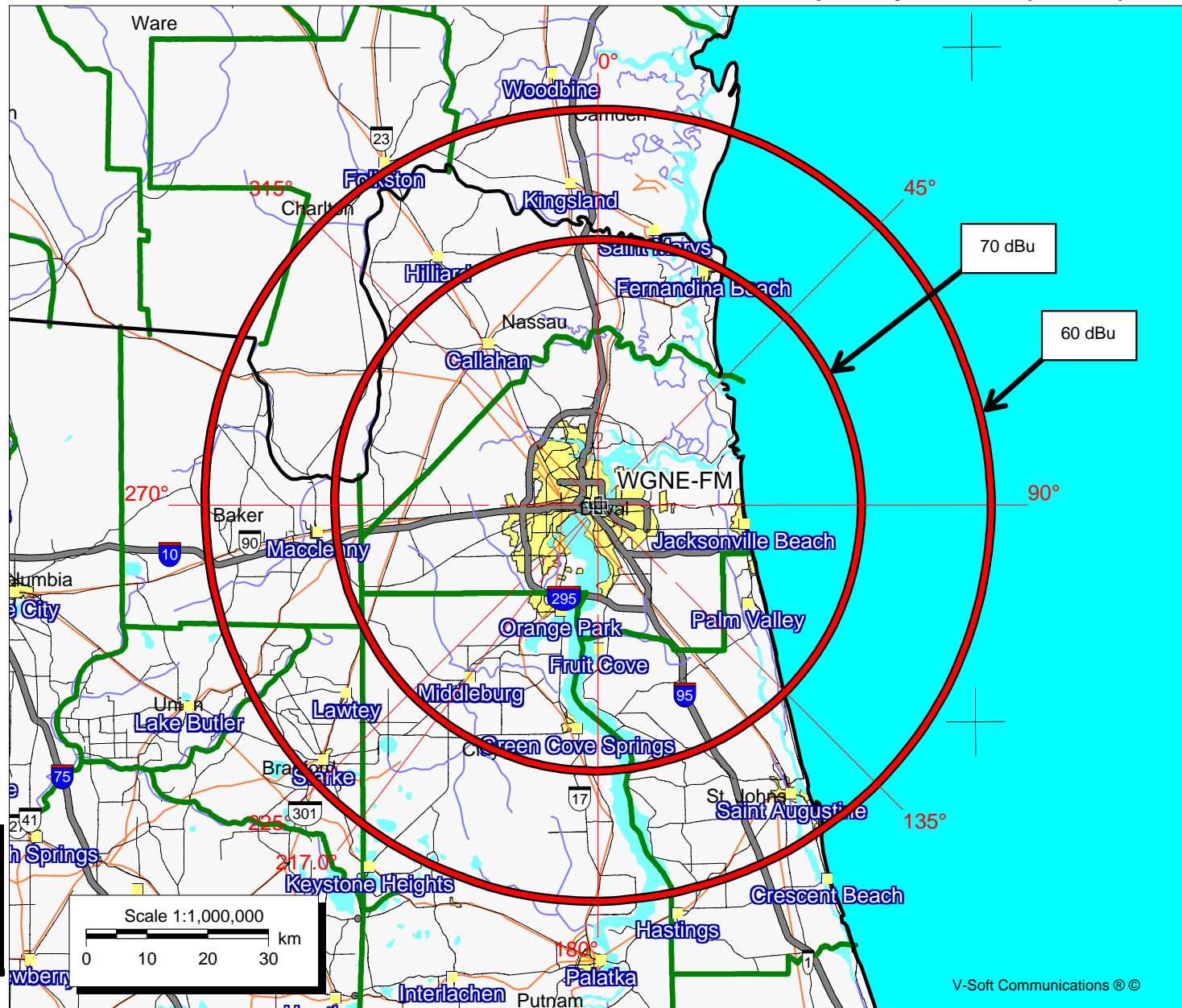
Vert. Pattern: No

Prop Model: FCC

NGDC 30-arc data

March 28, 2003

Doug Vernier
721 West 1st Street, Suite A
Cedar Falls, Iowa 50613
Telecommunications Consultants



Doug Vernier, Telecommunications Consultants

Renda Broadcasting Corporation

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Azimuth Deg.T.	Ave. Elev. 3 to 16 km	Effective Antenna Height	ERP (dBk)	F(50-50) Distance to 70 dBu Contour	F(50-50) Distance to 60 dBu Contour
	Meters AMSL	Meters AAT		km	km
0	1.5	302.5	16.812	43.73	65.16
45	1.5	302.5	16.812	43.73	65.16
90	7.2	296.8	16.812	43.39	64.73
135	4.1	299.9	16.812	43.57	64.97
180	1.5	302.5	16.812	43.73	65.16
225	1.8	302.2	16.812	43.71	65.14
270	8.3	295.7	16.812	43.32	64.64
315	3.1	300.9	16.812	43.63	65.04
Ave. = 3.6 M		300.4 M			

Additional Radials: (Not Considered in Average):

217	1.0	303.0	16.812	43.76	65.20
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Antenna Radiation Center AMSL =304

NGDC 30 Arc Sec.

Geographic Coordinates:

N. Lat. 30 19 22

W. Lng. 81 38 34