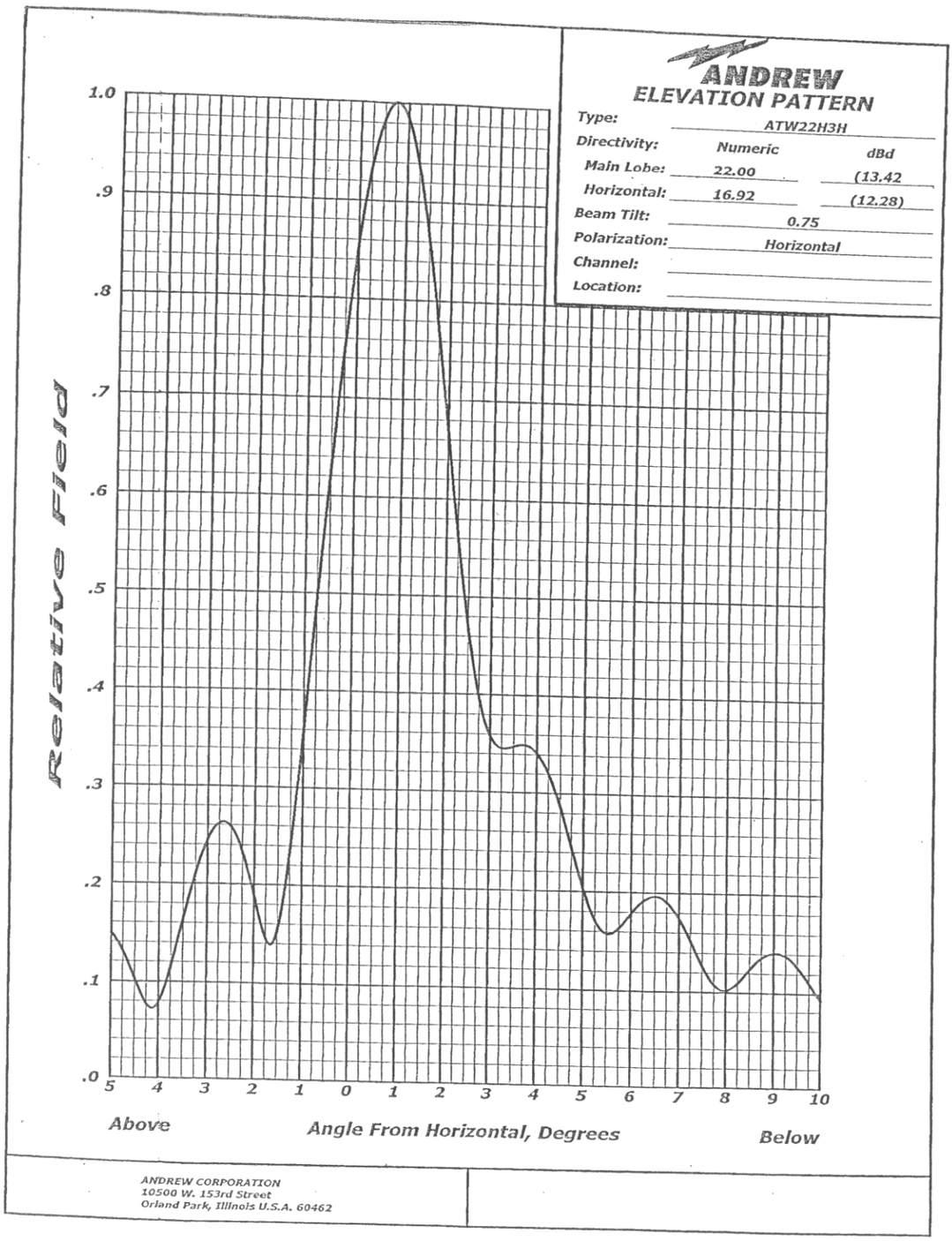

EXHIBIT B-1

VERTICAL RELATIVE FIELD PATTERN
(HORIZONTAL POLARIZATION)

PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA

SMITH AND FISHER

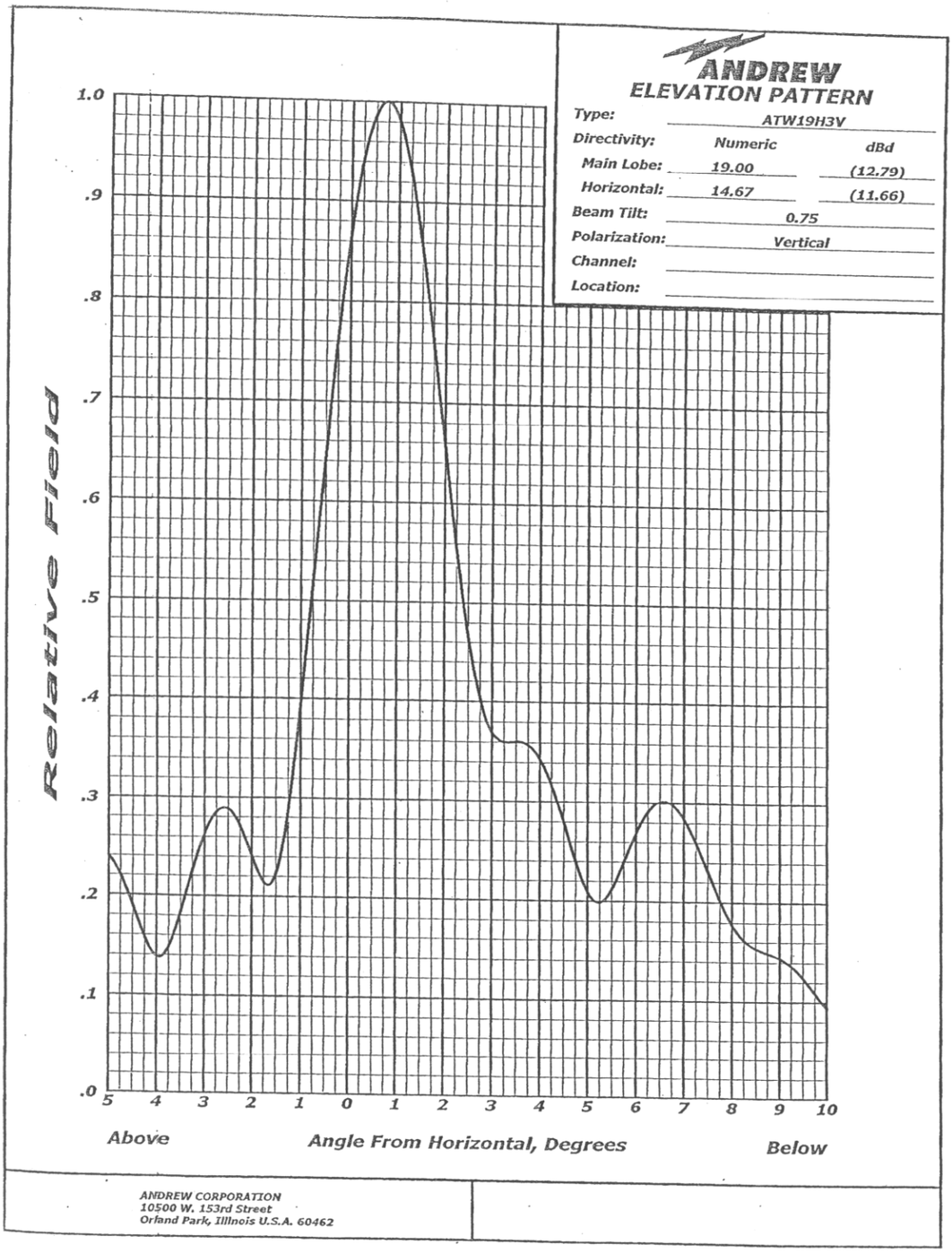

EXHIBIT B-2

VERTICAL RELATIVE FIELD PATTERN
(VERTICAL POLARIZATION)

PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA

SMITH AND FISHER

EXHIBIT C

TERRAIN AND CONTOUR DATA

PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA

Az. (° T)	Avg. Elv. AMSL 2 to 10 Miles meters	feet	Effective Ant. Ht. AAT meters	feet	Distance to Predicted Digital Contour (41 dbμ) km.	mi.
0	291	955	327	1073	100	62
45	297	975	321	1053	99	62
90	302	990	316	1037	99	61
135	279	914	339	1114	101	63
180	282	925	336	1102	101	62
225	302	992	316	1035	99	61
270	258	845	360	1182	103	64
315	276	906	342	1122	101	63

NOTE: Due to rounding, metric figures may not add precisely.

Height of radiation center above mean sea level	618 meters
Height of average terrain above mean sea level	286 meters
Height of radiation center above average terrain	332 meters
Effective radiated power, main lobe, maximum	30.0 dbk, 1000 kw

Geographic Coordinates

N 33° 47' 51" W 84° 20' 02"

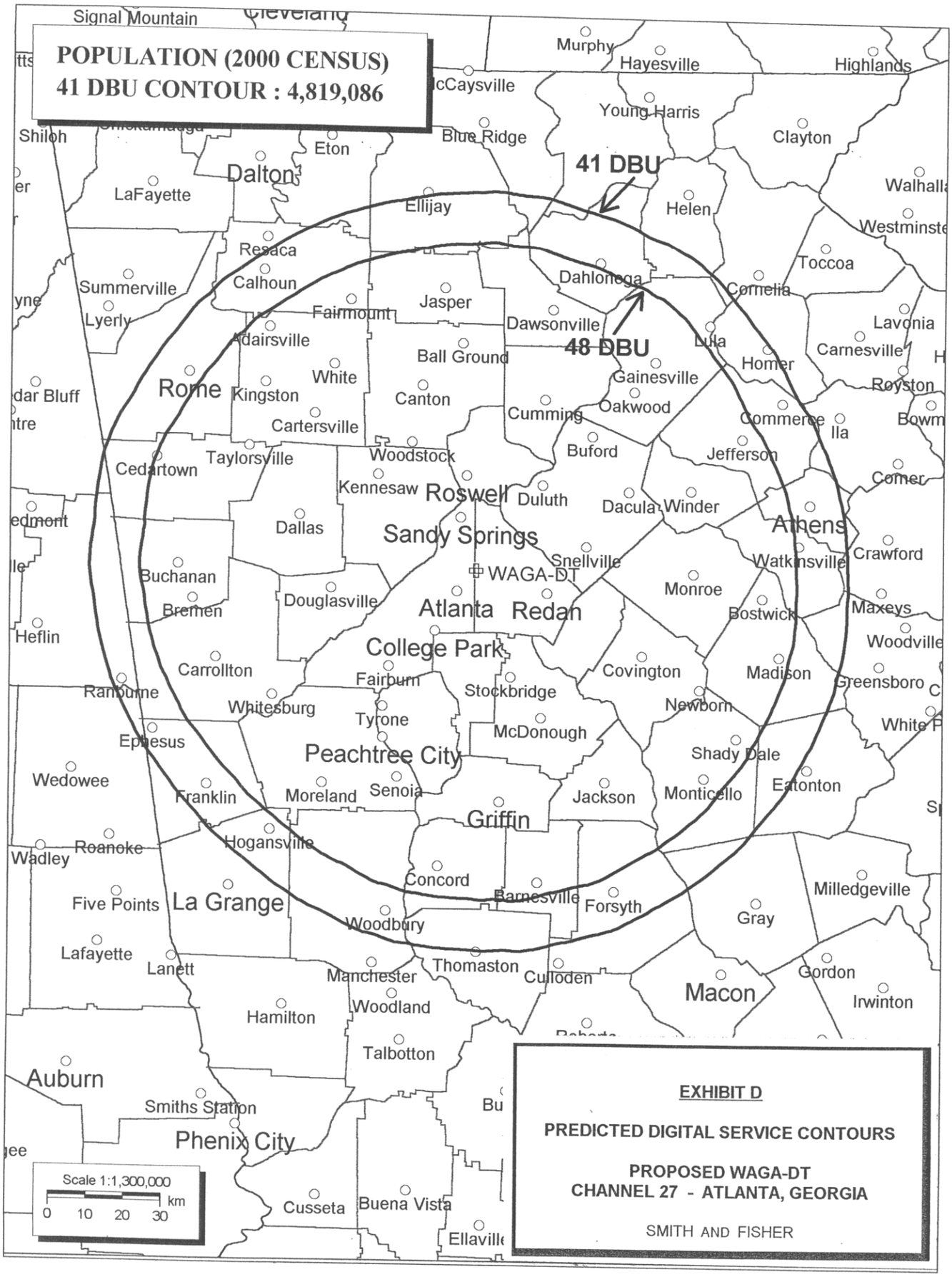
POPULATION (2000 CENSUS)
41 DBU CONTOUR : 4,819,086
41 DBU
48 DBU
WAGA-DT
Atlanta
Sandy Springs
Roswell
Peachtree City
College Park
Redan
Dalton
Rome
La Grange
Griffin
Athens
Macon
Phenix City
Auburn
Scale 1:1,300,000
km
0 10 20 30
EXHIBIT D
PREDICTED DIGITAL SERVICE CONTOURS
PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA
SMITH AND FISHER

EXHIBIT E-1

ALLOCATION AND INTERFERENCE STUDY

PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA

The Commission allotted Channel 27 to WAGA-DT with a nominal ERP of 1000 kw at 326 meters above average terrain. The instant amendment specifies an ERP of 1000 kw, nondirectional, at 332 meters, which is allowable under the FCC's *de minimis* standards with respect to various NTSC and DTV facilities.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe" computer program, which has been found generally to mimic the FCC's program. Changes in interference caused by WAGA-DT to other pertinent stations are tabulated in Exhibit E-2.

As indicated, the proposed WAGA-DT facility would not contribute more than two percent DTV interference to the service population of any affected NTSC or DTV station. In addition, this proposal does not result in any NTSC or DTV station receiving more than ten percent total DTV interference to viewers living within its present service area.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

This interference study employs a signal resolution (cell size) of 1 kilometer, instead of 2 kilometers, and a profile spacing increment of 0.1 kilometer instead of 1 kilometer. In doing so, we rely on the Commission's August 10, 1998, Public Notice "Additional Applications Processing Guidelines for DTV."

EXHIBIT E-2

DE MINIMIS INTERFERENCE ANALYSIS

PROPOSED WAGA-DT
CHANNEL 27 - ATLANTA, GEORGIA

NTSC FACILITIES

Call	City of License	Ch.	Grade B Population F(50,50)	Interference Losses (Population) NTSC Only	NTSC & DTV Without WAGA-DT	Unmasked DTV	%[1]	NTSC & DTV With WAGA-DT	Unmasked DTV	%[1]	WAGA-DT Contribution	%[2]
WTXL-TV(CP)	Tallahassee, FL	27	727,196	17,039	19,008	1,969	0.3	19,012	1,973	0.3	4	< 0.1
WTNB-L	Cleveland, TN	27	70,600	0	24	24	< 0.1	60	60	< 0.1	36	< 0.1
Appl.	Canton, NC	27	182,456	0	7,842	7,842	4.3	7,842	7,842	4.3	0	0
WJSP-TV	Columbus, GA	28	1,034,308	33,483	47,383	13,900	1.3	67,653	34,170	3.3	20,270	< 2.0
WHOT-TV	Athens, GA	34	4,204,688	301,518	313,068	11,550	0.3	315,125	13,607	0.3	2,057	< 0.1

DTV FACILITIES

Call	City of License	Ch.	NTSC/DTV[3] Grade B Pop. Longley-Rice	Interference Losses (Population) NTSC Only	NTSC & DTV Without WAGA-DT	Unmasked DTV	%[1]	NTSC & DTV With WAGA-DT	Unmasked DTV	%[1]	WAGA-DT Contribution	%[2]
WCCB-DT(Allt.)	Charlotte, NC	27	2,925,116	170,013	226,716	56,703	1.9	227,072	57,059	0.20	356	< 0.1
WCCB-DT(CP)	Charlotte, NC	27	2,263,058	41,309	81,557	40,248	1.8	81,557	40,248	1.8	0	0
WKRN-DT(Allt.)	Nashville, TN	27	2,009,429	11,958	11,958	0	0	13,488	1,530	< 0.1	1,530	< 0.1
WKRN-DT(CP)	Nashville, TN	27	2,006,415	12,307	12,307	0	0	13,360	1,053	< 0.1	1,053	< 0.1

[1] Cannot exceed 10%, under FCC *de minimis* interference standards.
[2] Cannot exceed 2%, under FCC *de minimis* interference standards.
[3] Larger of either NTSC Grade B population (with no DTV losses) or DTV Grade B population with all losses.