Fox Television Stations Inc
5151 Wisconsin Avenue Washington DC 20016 202 895 3088; Telecopier 202 895 3222

Molly Pauker
Vice President Corporate and Legal Affairs

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JAN 13 1993
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

EX PARTE OR LATE FILED

ORIGINAL

BY HAND

FOX TELEVISION STATIONS

January 12, 1993

Ms. Donna Searcy, Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: Ex Parte Contacts, MM Docket No. 87-268

Dear Ms. Searcy:

By this letter, I wish to inform the Commission that the Ex Parte Contacts letter submitted on January 7, 1993, showed an incorrect docket number in the reference line. Attached for replacement in the file is a corrected letter. I apologize for any inconvenience caused by this oversight.

Thank you very much for your courtesy today.

Respectfully submitted,

Molly Pauker

Molly Pauker

Attachments

No. of Copies rec'd 0+3
List A B C D E

MP:lkg

Fox Television Stations Inc

5151 Wisconsin Avenue Washington DC 20016 202 895 3088; Telecopier 202 895 3222

Molly Pauker
Vice President Corporate and Legal Affairs

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JAN 13 1993

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OFFICE OF THE SECRETARY

FOX
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Ms. Donna Searcy, Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: Ex Parte Contacts, MM Docket No. 87-268

Dear Ms. Searcy:

By this letter, I wish to inform the Commission that Andrew Setos, Senior Vice President, Operations and Engineering, Fox, Inc., and Molly Pauker, Vice President, Corporate and Legal Affairs, Fox Television Stations, Inc., met with the following Commission officials on January 6, 1993:

Robert Pepper, Chief, Office of Plans & Policy;
William Hassinger, Gina Harrison and Gordon Godfrey, Mass Media Bureau;
Thomas Stanley, Chief, Office of Engineering and Technology, and Bruce Franca and Allan Stillwell, OET;
Alexandra Wilson, Legal Advisor to the Chairman;
Brian F. Fontes, Special Advisor to Commissioner Quello;
Peter D. Ross, Senior Advisor to Commissioner Marshall;
Robert E. Branson, Senior Advisor to Commissioner Barrett; and
John C. Hollar, Senior Legal Advisor to Commissioner Duggan.

Under discussion was the methodology used by Fox, Inc. in preparing Figures 1-4 attached to its comments filed on November 16, 1993 in response to the Second Further Notice of Proposed Rulemaking in the above-referenced docket.

Additional materials were distributed during the above-described meetings that have not heretofore been placed in the record. Therefore, it is requested that said documents, copies of which are attached hereto, be included in the record in Docket No. 87-268.

Thank you very much for your courtesy today.

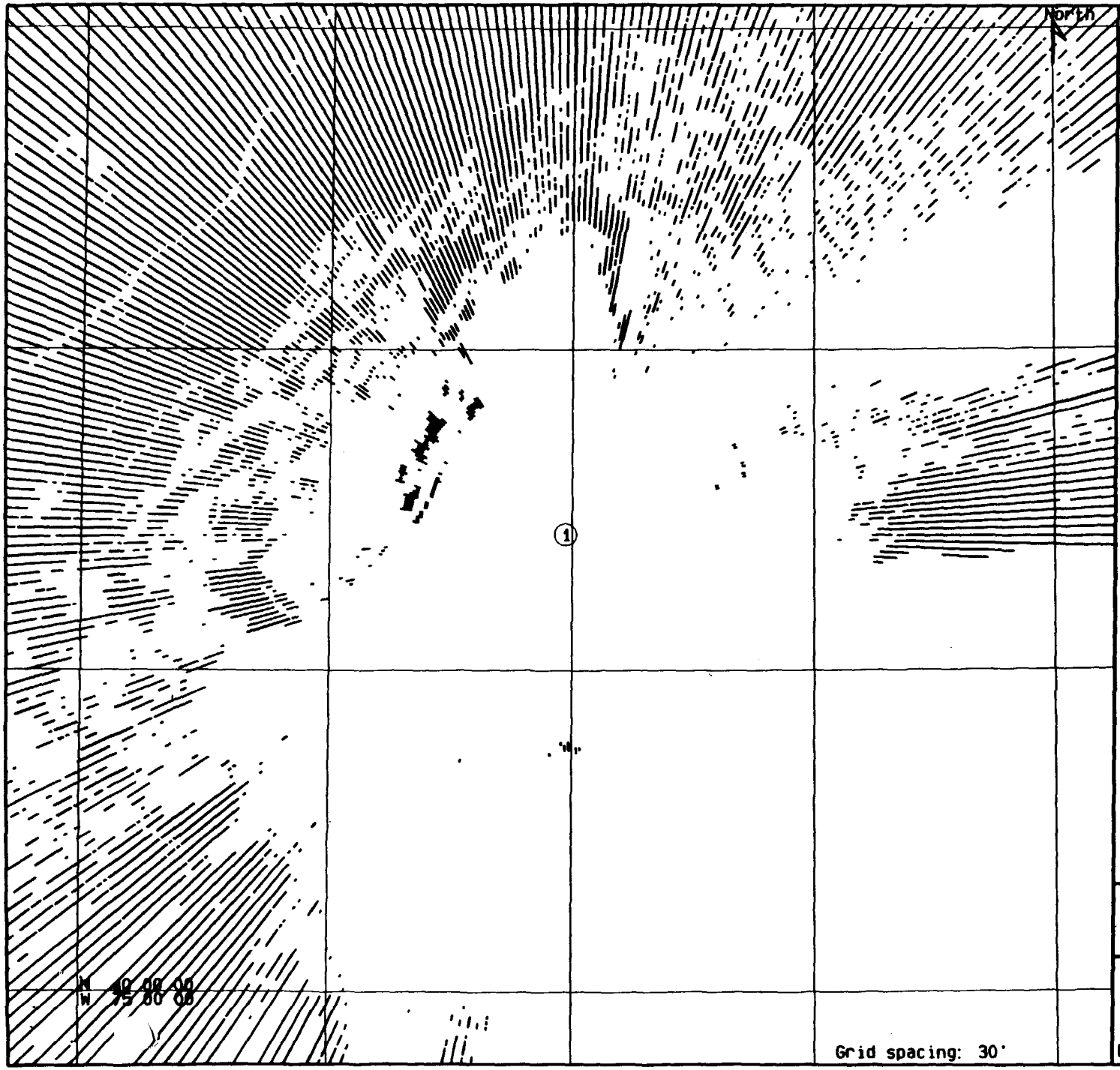
Respectfully submitted,

Molly Pauker

Molly Pauker

Attachments

MP:lkg



Frequency: 557.0 MHz
K Factor: 1.366
RX Ant. Height: 9.0 meters AGL
Polarization: Horizontal
Propagation model: TIREM
Time: 95.00% Location: 50.00%
Confidence level: 95.00%
Urban environment: Residential
Foliage: Sparse
Climate: Continental Temperate
Minimum signal level: -116.0 dBuV/m

Field Strength Levels:

> 57.0 dBuV/m

< 57.0 dBuV/m

Site	Ant Elv AMSL (mtrs)	ERPd (dBW)	Ant. Type	Ant. Orient (degs)	Latitude & Longitude
1	530.7	60.00	OMNI		N 40 42 43 W 74 0 49

KILOMETERS

20 0 20 40

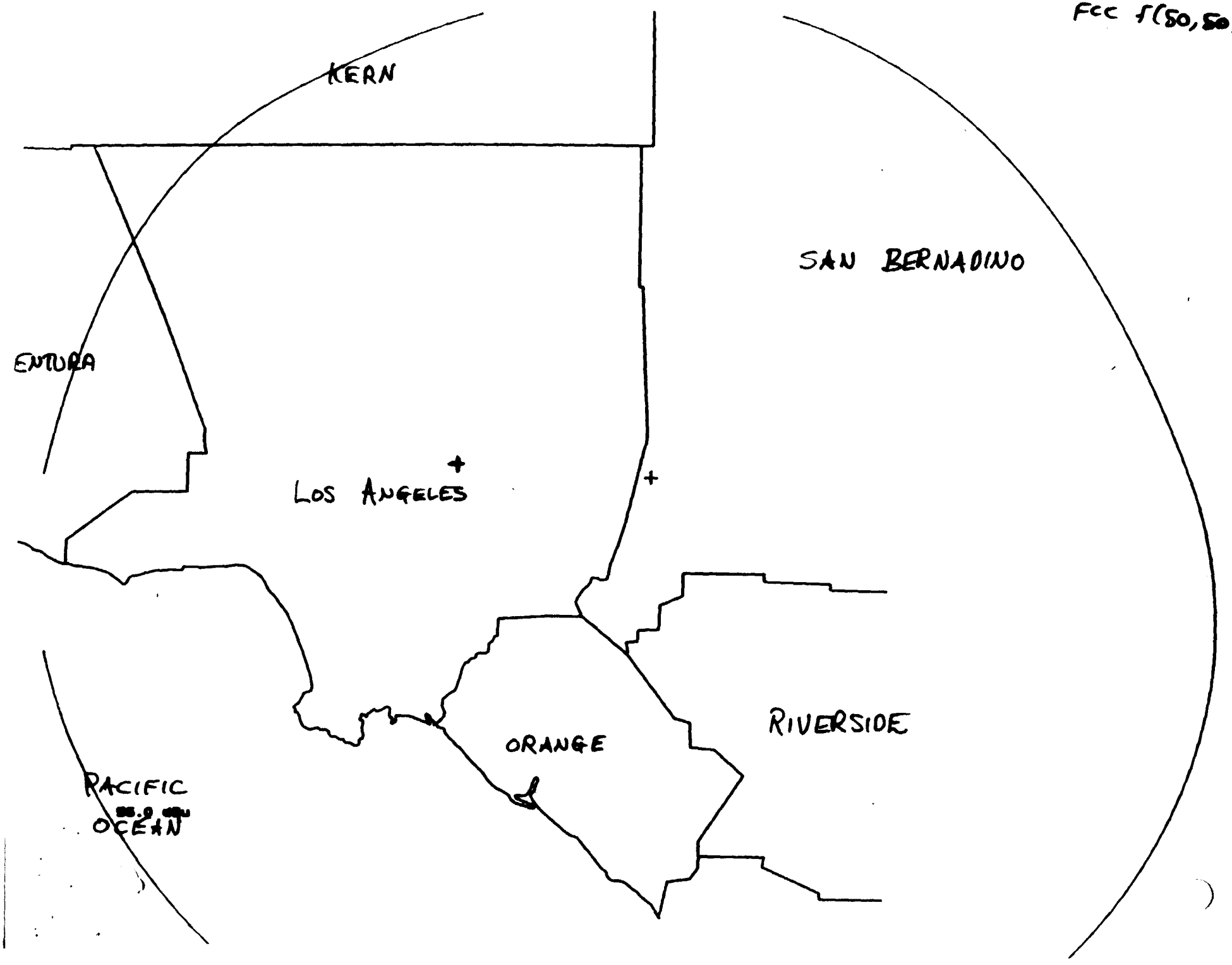
ATV Channel 28

New York on World Trade Center

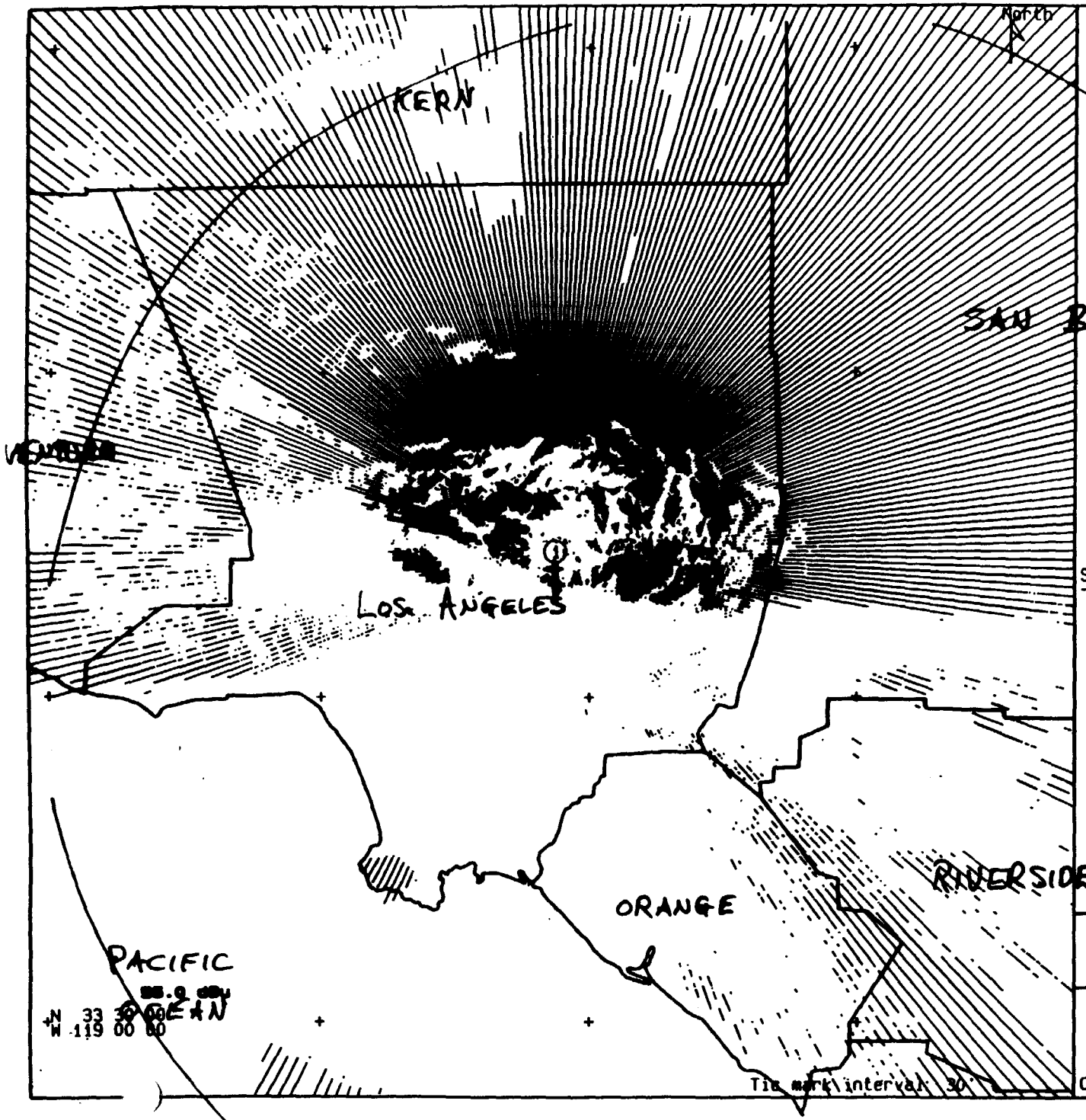
December 28, 1992

Figure 1

KTTV GRADE "B"
FCC f(50,50)



KTTV



Frequency: 201.0 MHz
K Factor: 1.400
RX Ant. Height: 9.0 meters AGL
Polarization: Horizontal
Propagation model: TIREM
Percent of time: 50.00%
Percent of locations: 50.00%
Confidence level: 95.00%
Urban environment: Residential
Foliage: Sparse
Climate: Maritime Temperate (Land)

Field Strength Levels:

> 56.0 dBuV/m "B"

< 56.0 dBuV/m "B"

Site	Ant Elv AMSL (mtrs)	ERPd (dBW)	Ant. Type	Ant. Orient (degs)	Latitude & Longitude
1	1800.5	~~27.85~~ 52.2	OMNI		N 34 13 29 W 118 3 47

KILOMETERS

20 0 20 40

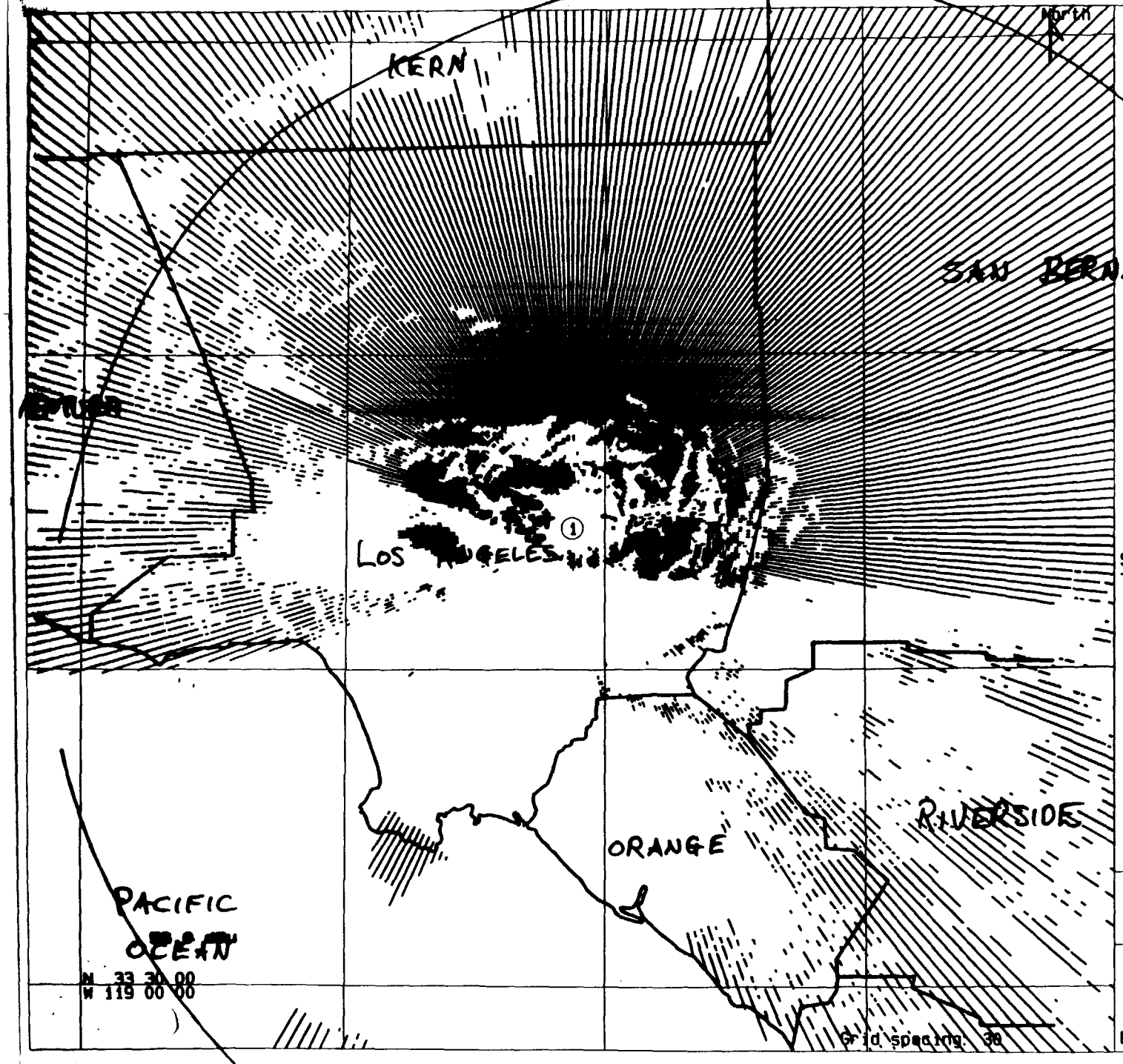
KTTV Coverage

Los Angeles Ch 11

October 1, 1992

Figure 3

KTTV GRADE "B"
FCC f(50,50)



Frequency: 599.0 MHz
K Factor: 1.400
RX Ant. Height: 9.0 meters AGL
Polarization: Horizontal
Propagation model: TIREM
Time: 95.00% Location: 50.00%
Confidence level: 95.00%
Urban environment: Residential
Foliage: Sparse
Climate: Maritime Temperate (Land)
Minimum signal level: -116.0 dBuV/m

Field Strength Levels:

> 57.0 dBuV/m

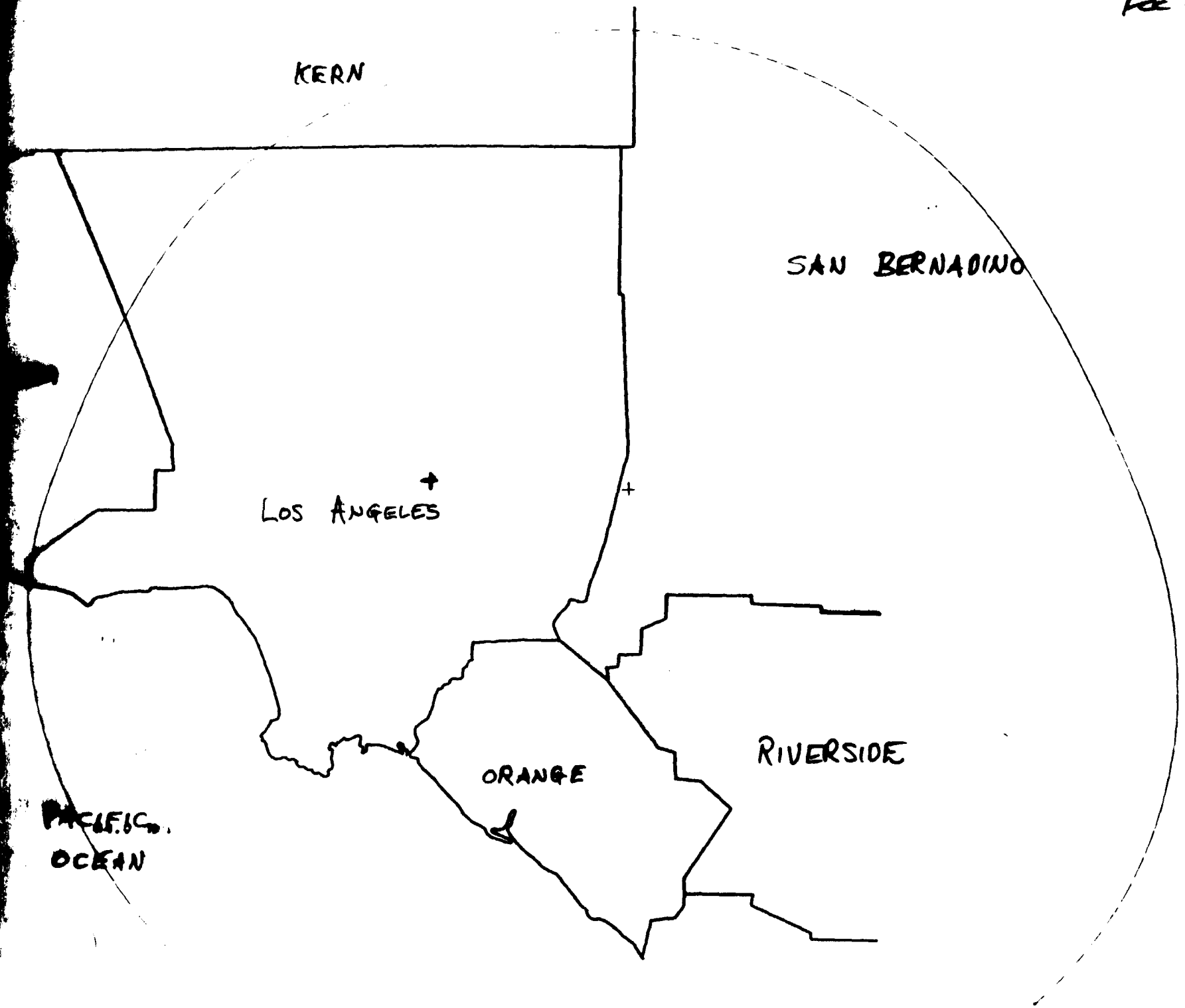
< 57.0 dBuV/m

Site	Ant Elv AMSL (mtrs)	ERPd (dBW)	Ant. Type	Ant. Orient (degs)	Latitude & Longitude
1	2026.5	61.75	OMNI		N 34 13 29 W 118 3 47

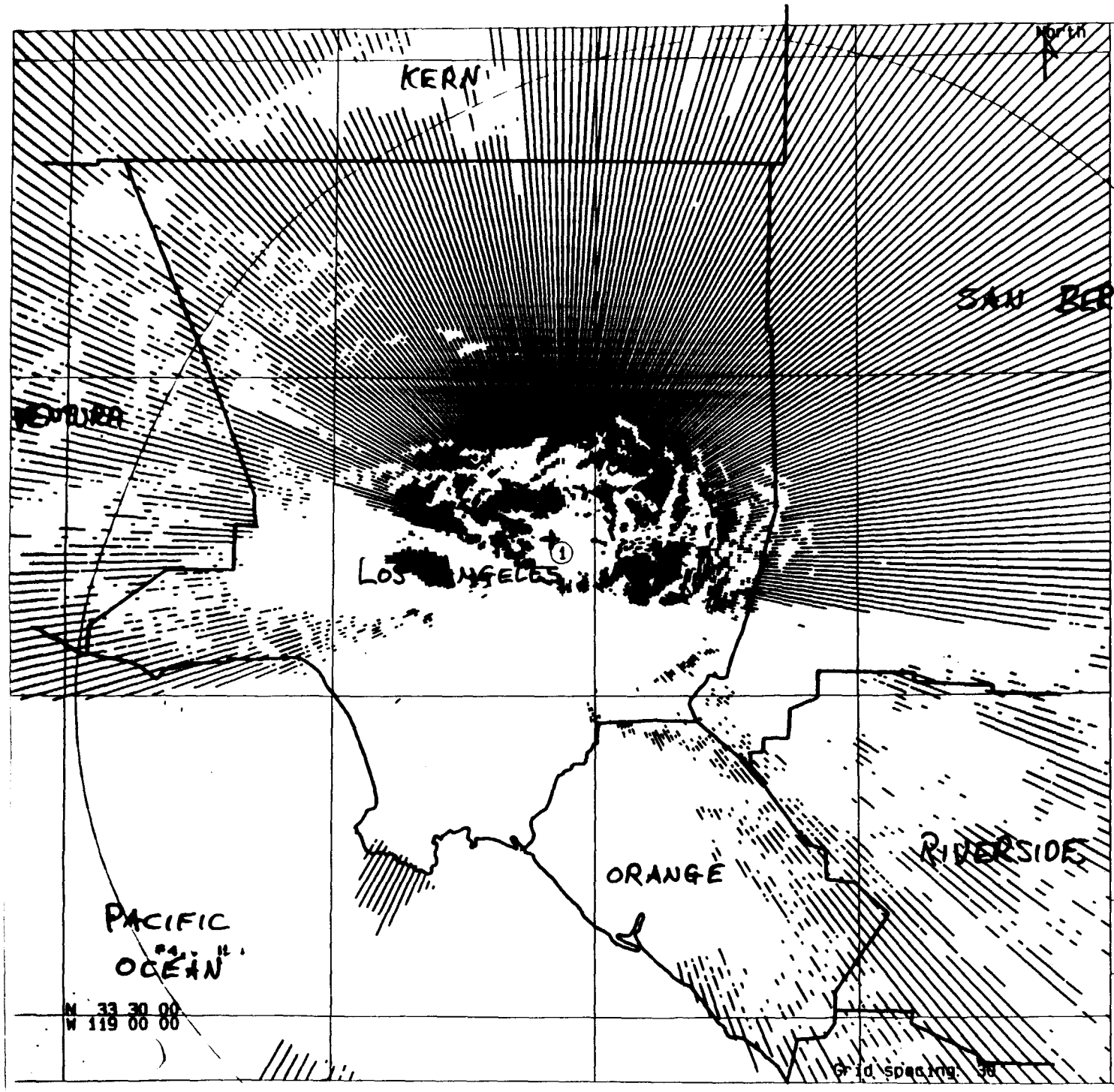
KILOMETERS
20 0 20 40

ATV Channel 35
Los Angeles Mount Wilson
December 29, 1992 Figure 2

KLEI
for f(50,50)



KCET GRADE "B"
For f(50,50)



Frequency: 599.0 MHz
K Factor: 1.400
RX Ant. Height: 9.0 meters AGL
Polarization: Horizontal
Propagation model: TIREM
Time: 95.00% Location: 50.00%
Confidence level: 95.00%
Urban environment: Residential
Foliage: Sparse
Climate: Maritime Temperate (Land)
Minimum signal level: -116.0 dBuV/m

Field Strength Levels:

> 57.0 dBuV/m

< 57.0 dBuV/m

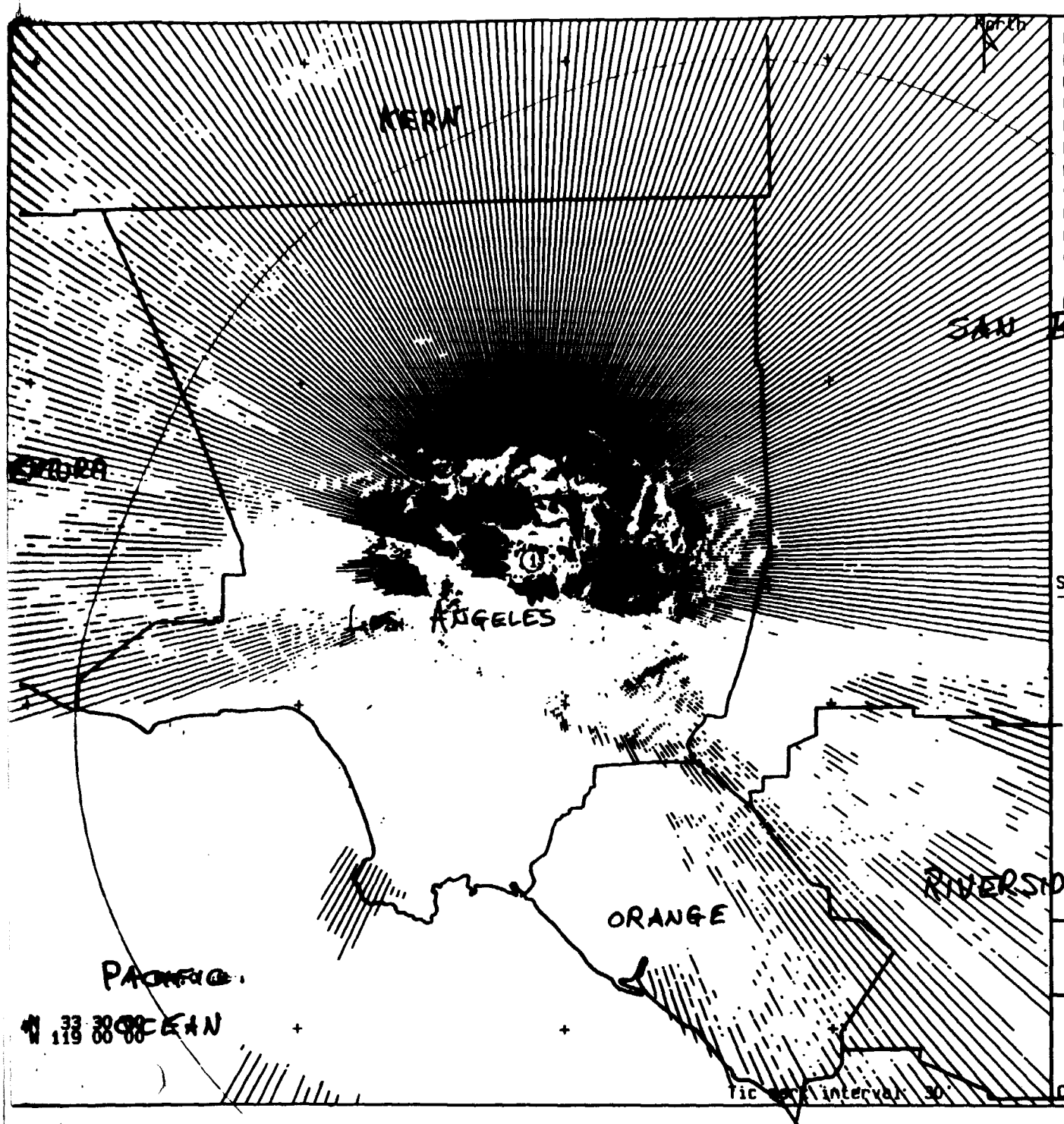
Site	Ant Elv AMSL (mtrs)	ERPd (dBW)	Ant. Type	Ant. Orient (degs)	Latitude & Longitude
1	2026.5	61.75	OMNI		N 34 13 29 W 118 3 47

KILOMETERS
20 0 20 40

ATV Channel 35
Los Angeles / Mount Wilson
December 29, 1992 Figure 2

KCET GRADE "B"

FOR f(50,50)



Frequency: 557.0 MHz
K Factor: 1.400
RX Ant. Height: 9.0 meters AGL
Polarization: Horizontal
Propagation model: TIREM
Percent of time: 50.00%
Percent of locations: 50.00%
Confidence level: 95.00%
Urban environment: Residential
Foliage: Sparse
Climate: Continental Temperate

Field Strength Levels:

> 64.0 dBuV/m "B"

< 64.0 dBuV/m "B"

Site	Ant Elv AMSL (mtrs)	ERPd (dBW)	Ant. Type	Ant. Orient (degs)	Latitude & Longitude
1	1835.5	~~27.85~~ 6389	OMNI		N 34 13 26 W 118 3 44

KILOMETERS

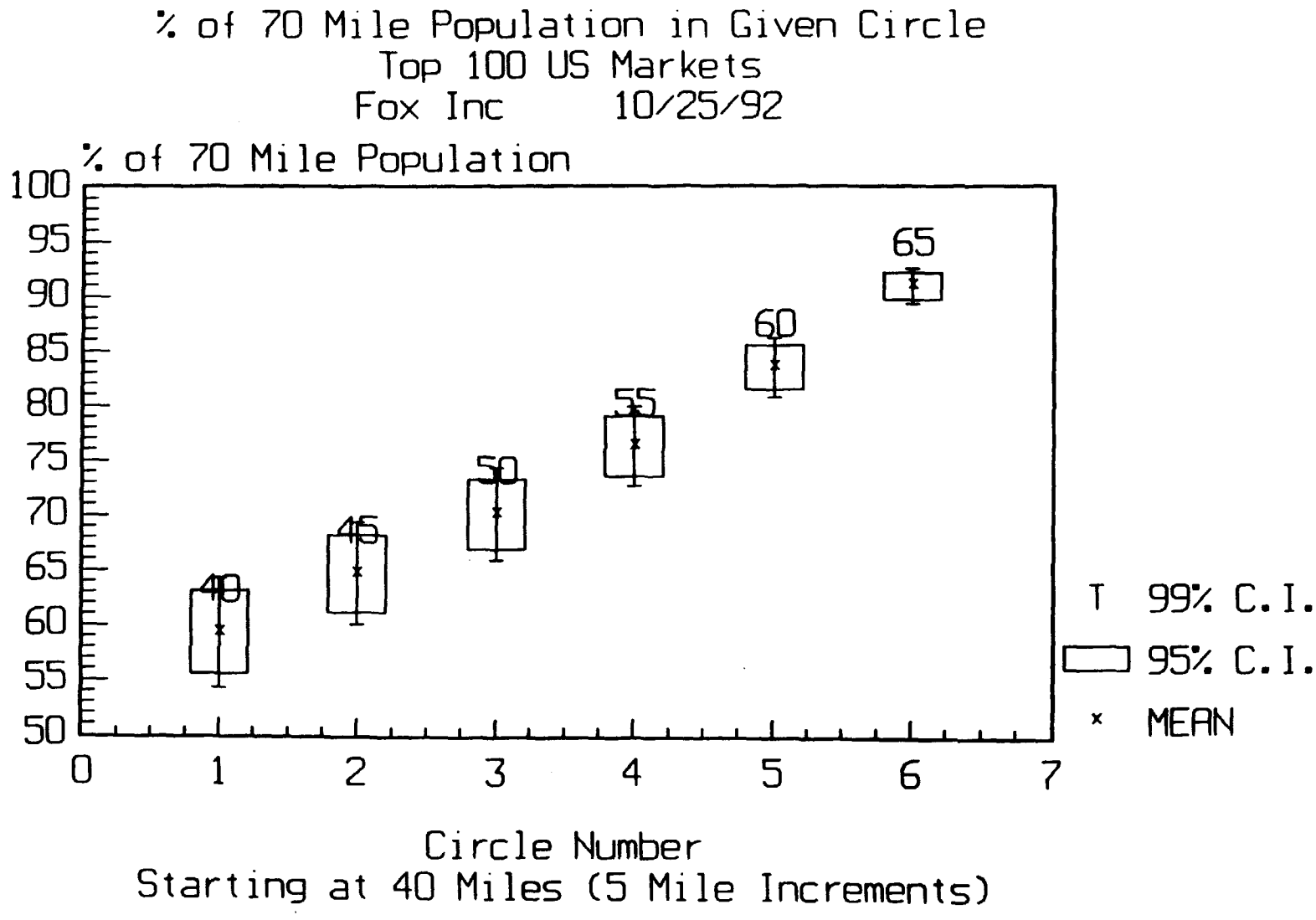
20 0 20 40

KCET Coverage

Los Angeles Ch 28

October 5, 1992

Figure 3


% of 70 Mile Population in Given Circle
Top 100 US Markets
Fox Inc 10/25/92
% of 70 Mile Population
100
95
90
85
80
75
70
65
60
55
50
0
1
2
3
4
5
6
7
40
45
50
55
60
65
T 99% C.I.
95% C.I.
× MEAN
Circle Number
Starting at 40 Miles (5 Mile Increments)

TOP 100 DMA's (Ranked By Population)

DMA Code	DMA Rank	DMA Full Name	"1991" Population	Pop 0-40 Miles From Centroid	Pop 40-45 Miles From Centroid	Pop 45-50 Miles From Centroid	Pop 50-55 Miles From Centroid	Pop 55-60 Miles From Centroid	Pop 60-65 Miles From Centroid	Pop 65-70 Miles From Centroid
501	1	New York, NY	18,628,333	15,457,532	739,865	779,411	591,797	682,765	643,846	585,813
803	2	Los Angeles, CA	14,695,048	12,275,643	629,702	584,044	207,277	263,956	306,479	306,333
602	3	Chicago, IL	8,469,128	7,584,749	239,067	305,532	183,472	108,407	196,200	207,260
504	4	Philadelphia, PA	7,191,767	5,923,433	547,283	704,809	917,804	955,343	920,983	1,062,939
807	5	San Francisco-Oakland, CA	6,137,776	5,422,682	311,867	183,678	466,657	318,724	450,163	508,340
506	6	Boston, MA	5,806,003	5,037,686	495,725	425,612	424,858	384,233	226,852	352,575
511	7	Washington, DC	4,915,803	4,857,572	830,283	506,268	420,512	227,685	255,181	214,496
623	8	Dallas-Ft. Worth, TX	4,696,360	3,836,100	116,274	29,503	96,147	134,328	82,537	93,229
505	9	Detroit, MI	4,669,603	4,440,425	188,548	264,689	301,557	423,764	350,845	223,354
618	10	Houston, TX	4,057,801	3,493,416	82,434	130,405	90,872	34,514	48,994	88,381
524	11	Atlanta, GA	3,846,636	2,929,191	228,872	60,916	137,833	206,631	76,825	162,456
510	12	Cleveland, OH	3,825,240	3,219,268	158,627	223,954	338,130	283,959	181,462	198,361
819	13	Seattle-Tacoma, WA	3,598,317	2,830,817	142,379	69,022	61,822	68,277	79,917	34,779
613	14	Minneapolis-St. Paul, MN	3,595,953	2,499,066	81,597	95,440	138,048	96,694	55,317	60,954
528	15	Miami-Fort Lauderdale, FL	3,326,765	3,409,603	106,979	142,113	161,099	116,548	108,403	42,921
539	16	Tampa-St.Petersburg,Sarasota, FL	3,240,593	2,571,094	207,092	118,928	85,208	99,059	165,460	254,395
609	17	St. Louis, MO	2,920,119	2,416,636	73,645	77,204	93,245	67,968	71,718	69,069
508	18	Pittsburgh, PA	2,916,309	2,515,222	187,440	221,943	251,004	297,601	322,457	255,007
862	19	Sacramento-Stockton, CA	2,840,119	1,985,891	321,418	250,124	429,466	648,515	283,575	1,049,547
753	20	Phoenix, AZ	2,792,270	2,189,292	16,789	18,466	19,796	56,199	25,136	38,372
751	21	Denver, CO	2,610,433	2,056,467	111,641	33,097	4,549	6,418	23,532	48,573
512	22	Baltimore, MD	2,585,704	4,629,115	717,440	796,255	760,239	540,979	607,879	590,184
825	23	San Diego, CA	2,573,462	2,570,394	0	104,240	59,502	219,822	298,951	186,521
533	24	Hartford & New Haven, CT	2,475,799	3,059,532	377,479	411,974	503,512	751,022	954,881	1,382,518
534	25	Orlando-Daytona Beach-Melbourne, FL	2,327,842	1,670,107	154,279	118,870	210,578	300,735	279,123	172,123
527	26	Indianapolis, IN	2,308,749	1,526,975	227,914	132,546	231,119	225,920	149,872	160,308
820	27	Portland, OR	2,234,226	1,712,928	70,128	65,452	64,003	77,054	104,941	51,677
617	28	Milwaukee, WI	2,069,079	1,908,790	124,667	266,265	336,575	274,246	489,705	710,516
515	29	Cincinnati, OH	2,061,933	2,094,079	380,418	211,238	194,403	194,154	179,172	196,760
517	30	Charlotte, NC	1,964,197	1,533,066	131,329	171,657	144,147	219,072	380,477	302,969
616	31	Kansas City, MO	1,962,733	1,612,430	67,235	67,993	119,510	62,036	132,607	93,575
560	32	Raleigh-Durham, NC	1,910,030	1,064,930	215,514	326,279	197,261	137,973	204,331	177,874
659	33	Nashville, TN	1,903,406	1,077,567	88,156	90,491	113,073	123,864	85,638	159,874
770	34	Salt Lake City, UT	1,685,860	1,212,668	90,170	77,600	26,922	2,166	6,036	25,267

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TOP 100 DMA's (Ranked By Population)

DMA Code	DMA Rank	DMA Full Name	"1991" Population	Pop 0-40 Miles From Centroid	Pop 40-45 Miles From Centroid	Pop 45-50 Miles From Centroid	Pop 50-55 Miles From Centroid	Pop 55-60 Miles From Centroid	Pop 60-65 Miles From Centroid	Pop 65-70 Miles From Centroid
535	35	Columbus, OH	1,780,620	1,503,534	133,433	292,370	137,028	243,738	223,156	495,084
563	36	Grand Rapids-Kalamazoo-Battle Creek, MI	1,746,811	1,247,961	216,648	102,069	202,825	247,487	159,602	202,689
641	37	San Antonio, TX	1,718,294	1,398,942	34,743	28,742	77,655	7,856	58,514	53,220
567	38	Greenville-Spartanburg-Asheville, SC-NC	1,716,273	1,064,304	158,770	126,705	144,860	167,287	143,255	110,626
544	39	Norfolk-Portsmouth-Newport News, VA	1,685,730	1,495,954	53,417	28,996	45,173	60,669	103,941	101,747
514	40	Buffalo, NY	1,670,883	1,369,546	46,918	101,612	141,483	164,155	385,561	274,202
622	41	New Orleans, LA	1,662,052	1,357,684	87,604	143,816	137,408	124,361	160,624	256,120
640	42	Memphis, TN	1,651,075	1,097,459	70,351	10,424	76,913	130,559	71,401	224,093
521	43	Providence-New Bedford, RI-MA	1,531,268	3,162,743	1,165,615	730,835	468,456	480,405	554,584	807,621
566	44	Harrisburg-Lancaster-Lebanon-York, PA	1,513,881	1,561,831	368,450	436,475	779,099	1,192,801	811,153	920,298
650	45	Oklahoma City, OK	1,473,437	950,843	69,416	52,157	65,987	54,135	69,016	43,110
790	46	Albuquerque-Santa Fe, NM	1,459,828	596,406	29,505	6,899	55,659	19,554	12,184	27,726
577	47	Wilkes-Barre - Scranton, PA	1,439,242	974,826	182,469	239,139	432,583	458,924	400,610	374,529
529	48	Louisville, KY	1,404,046	1,173,172	60,302	97,870	126,398	68,138	136,814	328,302
866	49	Fresno-Visalia, CA	1,394,377	971,668	94,439	33,832	33,805	125,912	46,819	71,160
630	50	Birmingham, AL	1,364,934	968,292	97,846	90,106	271,140	132,671	96,143	132,615
518	51	Greensboro-High Point-Winston Salem, NC	1,357,477	1,194,383	197,523	150,293	220,405	218,054	237,907	315,161
542	52	Dayton, OH	1,331,114	1,513,896	243,028	338,300	467,967	781,612	659,442	627,084
532	53	Albany-Schenectady-Troy, NY	1,328,476	1,172,841	72,355	81,754	46,674	152,245	131,255	240,060
548	54	West Palm Beach-Fort Pierce, FL	1,280,032	1,258,915	296,365	380,281	247,735	344,122	348,307	462,571
556	55	Richmond-Petersburg, VA	1,264,075	953,555	67,059	83,638	132,545	136,771	127,183	196,810
561	56	Jacksonville, FL	1,245,491	972,039	50,115	38,729	17,826	152,418	138,926	91,562
564	57	Charleston-Huntington, WV	1,238,603	664,143	80,040	65,419	159,837	92,432	135,009	174,876
513	58	Flint-Saginaw-Bay City, MI	1,234,315	1,041,456	105,016	146,891	359,317	454,417	417,092	608,216
693	59	Little Rock-Pine Bluff, AR	1,215,434	634,765	74,363	51,553	59,828	80,356	45,381	41,845
671	60	Tulsa, OK	1,147,390	807,469	54,193	63,350	56,938	36,963	33,806	92,728
744	61	Honolulu, HI	1,124,565	800,953	32,571	21,031	0	5,545	9,441	2,342
686	62	Mobile-Pensacola, AL-FL	1,110,276	777,867	76,043	16,804	21,397	120,285	73,254	80,939
678	63	Wichita-Hutchinson Plus, KS	1,096,724	124,698	90,118	163,583	181,784	63,506	52,292	70,876
557	64	Knoxville, TN	1,096,600	816,154	85,403	59,479	52,126	162,557	87,955	137,483
547	65	Toledo, OH	1,097,394	1,099,426	66,442	219,568	427,105	678,744	642,377	949,711
555	66	Syracuse, NY	1,061,500	956,188	158,210	143,259	126,258	135,110	286,500	296,338
658	67	Green Bay-Appleton, WI	1,024,758	683,215	41,205	96,948	107,786	75,429	40,762	104,970
612	68	Shreveport, LA	1,000,220	451,913	53,797	168,759	64,814	125,685	60,116	69,140

Co ght 1992 Fox Inc

TOP 100 DMA's (Ranked By Population)

DMA Code	DMA Rank	DMA Full Name	"1991" Population	Pop 0-40 Miles From Centroid	Pop 40-45 Miles From Centroid	Pop 45-50 Miles From Centroid	Pop 50-55 Miles From Centroid	Pop 55-60 Miles From Centroid	Pop 60-65 Miles From Centroid	Pop 65-70 Miles From Centroid
573	69	Roanoke-Lynchburg, VA	996,934	610,173	117,644	144,894	102,968	76,493	92,040	177,704
538	70	Rochester, NY	963,726	1,096,381	54,840	42,033	144,864	216,824	375,539	825,323
635	71	Austin, TX	945,706	883,921	23,207	73,091	125,113	189,053	173,511	241,444
541	72	Lexington, KY	933,265	574,791	72,778	100,103	96,230	111,959	104,774	97,773
679	73	Des Moines-Ames, IA	921,880	559,666	70,601	28,250	56,537	61,146	46,948	57,963
652	74	Omaha, NE	908,577	734,348	93,757	162,063	29,843	41,069	40,660	36,314
500	75	Portland-Auburn, ME	899,406	592,748	73,353	56,947	81,284	104,682	125,792	94,371
632	76	Paducah-Cape Girardeau-Harrisburg, KY-MO-IL	885,414	341,298	97,205	45,757	89,947	80,784	96,366	49,742
881	77	Spokane, WA	858,920	437,171	10,611	13,530	18,692	56,721	20,725	13,748
648	78	Champaign & Springfield-Decatur, IL	854,740	448,998	179,866	172,634	61,001	69,261	141,152	165,215
637	79	Cedar Rapids-Waterloo & Dubuque, IA	839,096	383,219	120,802	86,806	100,389	58,885	55,926	122,981
546	80	Columbia, SC	824,837	724,283	32,437	93,297	149,694	72,339	124,969	286,876
619	81	Springfield, MO	819,722	369,299	32,432	35,716	34,063	67,466	89,715	50,123
718	82	Jackson, MS	812,881	505,638	16,254	87,022	18,317	64,317	48,584	46,892
588	83	South Bend-Elkhart, IN	811,285	945,568	94,995	184,747	227,078	189,806	399,041	539,671
789	84	Tucson(Nogales), AZ	809,734	685,413	10,848	39,423	39,738	4,177	12,275	21,362
575	85	Chattanooga, TN	807,475	697,160	85,353	72,880	114,724	125,000	205,360	74,255
839	86	Las Vegas, NV	790,615	755,892	12,553	7,372	2,508	210	0	160
523	87	Burlington-Plattsburgh, VT-NY	766,806	373,507	38,271	75,302	55,921	59,141	60,805	57,372
682	88	Davenport-Rock Island-Moline, IA-IL	765,624	533,307	66,148	65,631	68,675	147,207	104,359	272,758
574	89	Johnstown-Altoona, PA	764,947	650,183	99,228	76,065	118,203	170,390	258,658	367,805
765	90	El Paso, TX	756,056	723,524	16,437	0	713	0	986	3,917
691	91	Huntsville-Decatur, AL	745,721	576,583	107,592	102,238	152,740	110,965	147,809	201,421
531	92	Tri-Cities, TN-VA	737,412	584,707	83,385	108,747	127,774	108,062	131,452	269,747
716	93	Baton Rouge, LA	726,846	748,811	141,093	50,995	123,395	354,360	320,235	425,920
669	94	Madison, WI	722,187	669,084	122,311	92,231	207,701	296,104	227,972	282,288
536	95	Youngstown, OH	717,594	1,353,377	645,950	546,911	958,771	1,265,454	941,189	548,471
625	96	Waco-Temple, TX	717,168	459,374	55,288	73,308	61,122	169,185	224,580	217,181
636	97	Harlingen-Weslaco-Brownsville, TX	716,077	669,635	5,311	5,234	29,328	661	0	6,199
649	98	Evansville, IN	693,183	517,441	95,248	39,473	90,556	73,941	60,533	69,463
571	99	Fort Myers-Naples, FL	658,725	615,228	76,291	42,924	38,684	33,265	79,356	162,244
722	100	Lincoln & Hastings-Kearny Plus, NE	650,935	140,837	22,027	21,315	17,510	90,561	175,621	69,226

TOP 100 DMA's (Ranked By Population)

Sum of Population from 0 to 70 Miles	% of 0-70 Sum in 0-40 Mile Circle	% of 0-70 Sum in 0-45 Mile Circle	% of 0-70 Sum in 0-50 Mile Circle	% of 0-70 Sum in 0-55 Mile Circle	% of 0-70 Sum in 0-60 Mile Circle	% of 0-70 Sum in 0-65 Mile Circle
19,481,029	79.35%	83.14%	87.15%	90.16%	93.69%	96.99%
14,573,434	84.23%	88.55%	92.56%	93.96%	95.80%	97.90%
8,824,687	85.95%	88.66%	92.12%	94.20%	95.43%	97.65%
11,032,594	53.69%	58.65%	65.04%	73.36%	82.02%	90.37%
7,662,111	70.77%	74.84%	77.24%	83.33%	87.49%	93.37%
7,347,541	68.56%	75.31%	81.10%	86.88%	92.11%	95.20%
7,311,997	66.43%	77.79%	84.71%	90.46%	93.58%	97.07%
4,388,118	87.42%	90.07%	90.74%	92.93%	95.99%	97.88%
6,193,182	71.70%	74.74%	79.02%	83.89%	90.73%	96.39%
3,968,816	88.02%	90.10%	93.38%	95.67%	96.54%	97.77%
3,802,724	77.03%	83.05%	84.65%	88.27%	93.71%	95.73%
4,603,761	69.93%	73.37%	78.24%	85.58%	91.75%	95.69%
3,287,013	86.12%	90.45%	92.55%	94.43%	96.51%	98.94%
3,027,116	82.56%	85.25%	88.40%	92.96%	96.16%	97.99%
4,067,666	83.41%	86.03%	89.51%	93.45%	96.30%	98.95%
3,501,236	73.43%	79.35%	82.75%	85.18%	88.01%	92.73%
2,869,485	84.22%	86.78%	89.48%	92.73%	95.09%	97.59%
4,050,674	62.09%	66.72%	72.20%	78.40%	85.74%	93.70%
4,968,536	39.97%	46.44%	51.47%	60.12%	73.17%	78.88%
2,366,050	92.53%	93.24%	94.02%	94.86%	97.32%	98.38%
2,284,277	90.03%	94.91%	96.36%	96.56%	96.84%	97.87%
8,642,091	53.56%	61.87%	71.06%	79.88%	86.14%	93.17%
3,439,430	74.73%	74.73%	77.76%	79.49%	85.89%	94.56%
7,440,918	41.12%	46.19%	51.73%	58.49%	68.59%	81.42%
2,905,613	57.48%	62.79%	66.87%	74.12%	84.47%	94.08%
2,854,654	57.52%	66.11%	71.10%	79.81%	88.32%	93.96%
2,146,183	79.81%	83.08%	86.13%	89.11%	92.70%	97.59%
4,110,764	46.43%	49.47%	55.94%	64.13%	70.80%	82.72%
3,450,224	60.69%	71.72%	77.84%	83.46%	89.10%	94.30%
2,882,737	53.18%	57.74%	63.69%	68.69%	76.29%	89.49%
2,155,386	74.81%	77.93%	81.08%	86.63%	89.51%	95.86%
2,323,962	45.82%	55.10%	69.14%	77.63%	83.56%	92.35%
1,738,463	61.98%	67.05%	72.26%	78.76%	85.88%	90.80%
1,440,829	84.16%	90.42%	95.81%	97.88%	97.83%	98.25%

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TOP 100 DMA's (Ranked By Population)

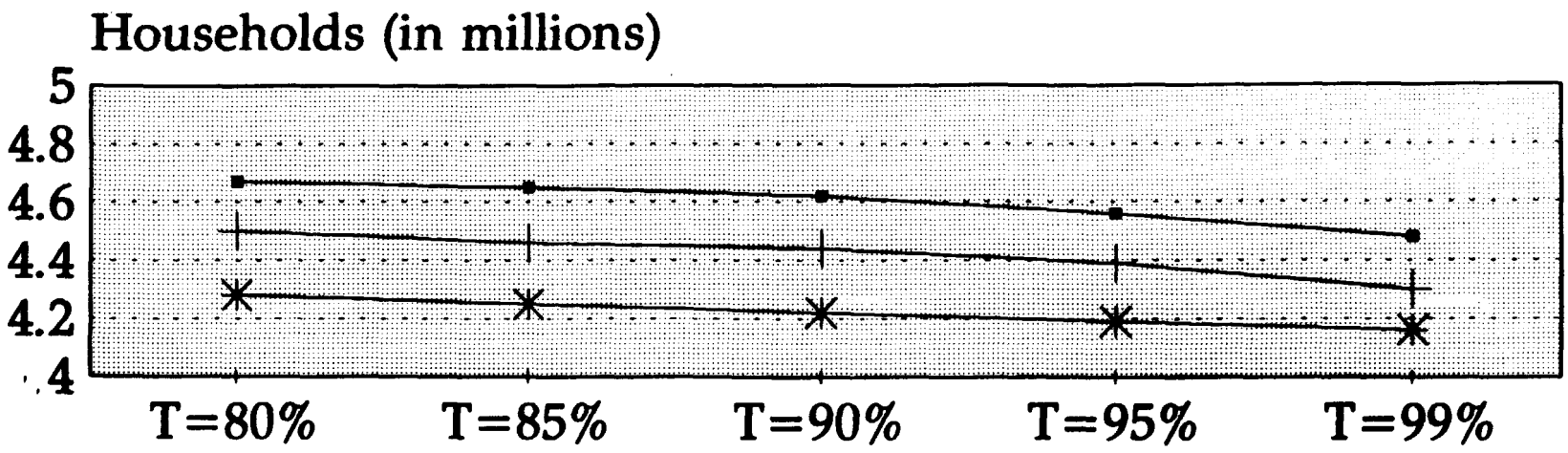
Sum of Population from 0 to 70 Miles	% of 0-70 Sum in 0-40 Mile Circle	% of 0-70 Sum in 0-45 Mile Circle	% of 0-70 Sum in 0-50 Mile Circle	% of 0-70 Sum in 0-55 Mile Circle	% of 0-70 Sum in 0-60 Mile Circle	% of 0-70 Sum in 0-65 Mile Circle
3,028,343	49.65%	54.05%	63.71%	68.23%	76.28%	83.65%
2,379,301	52.45%	61.56%	65.85%	74.37%	84.77%	91.48%
1,659,672	84.29%	86.38%	88.12%	92.79%	93.27%	96.79%
1,915,807	55.55%	63.84%	70.45%	78.02%	86.75%	94.23%
1,889,897	79.16%	81.98%	83.52%	85.91%	89.12%	94.62%
2,483,477	55.15%	57.04%	61.13%	66.82%	73.43%	88.96%
2,267,619	59.87%	63.74%	70.08%	76.14%	81.62%	88.71%
1,681,200	65.28%	69.46%	70.08%	74.86%	82.42%	86.67%
7,370,259	42.91%	58.73%	68.64%	75.00%	81.52%	89.04%
6,070,107	25.73%	31.80%	38.99%	51.83%	71.48%	84.84%
1,304,664	72.88%	78.20%	82.20%	87.26%	91.41%	96.70%
749,935	79.79%	83.73%	84.65%	92.07%	94.68%	96.30%
3,063,060	31.83%	37.78%	45.59%	59.71%	74.69%	87.77%
1,990,996	58.92%	61.95%	66.87%	73.22%	76.64%	83.51%
1,377,655	70.53%	77.39%	79.84%	82.30%	91.44%	94.83%
1,788,813	54.13%	59.60%	64.64%	79.80%	87.21%	92.59%
2,533,726	47.14%	54.94%	60.87%	69.57%	78.17%	87.56%
4,631,329	32.69%	37.94%	45.24%	55.34%	72.22%	86.46%
1,896,984	61.82%	65.63%	69.94%	72.40%	80.43%	87.35%
3,340,296	37.69%	46.62%	58.01%	65.42%	75.72%	86.15%
1,899,561	56.11%	60.05%	64.97%	72.77%	80.82%	88.30%
1,461,615	66.50%	69.93%	72.58%	73.80%	84.23%	93.74%
1,371,556	48.42%	54.26%	59.03%	70.67%	77.41%	87.25%
3,132,405	33.25%	36.60%	41.29%	52.76%	67.27%	80.58%
988,091	64.24%	71.77%	76.96%	83.04%	91.17%	95.77%
1,145,467	70.49%	75.22%	80.75%	85.72%	88.95%	91.90%
871,883	91.86%	95.60%	98.01%	98.01%	98.65%	99.73%
1,166,389	66.67%	73.19%	74.63%	76.47%	86.76%	93.06%
746,857	16.70%	28.76%	50.67%	75.01%	83.51%	90.51%
1,401,157	58.25%	64.34%	68.59%	72.31%	83.91%	90.19%
4,083,373	26.92%	28.55%	33.93%	44.39%	61.01%	76.74%
2,101,863	45.49%	53.02%	59.84%	65.84%	72.27%	85.90%
1,150,315	59.39%	62.96%	71.40%	80.77%	87.33%	90.87%
994,224	45.45%	50.86%	67.84%	74.36%	87.00%	93.05%

TOP 100 DMA's (Ranked By Population)

Sum of Population from 0 to 70 Miles	% of 0-70 Sum in 0-40 Mile Circle	% of 0-70 Sum in 0-45 Mile Circle	% of 0-70 Sum in 0-50 Mile Circle	% of 0-70 Sum in 0-55 Mile Circle	% of 0-70 Sum in 0-60 Mile Circle	% of 0-70 Sum in 0-65 Mile Circle
1,321,916	46.16%	55.06%	66.02%	73.81%	79.59%	86.56%
2,757,804	39.76%	41.74%	43.27%	48.52%	56.46%	70.07%
1,709,340	51.71%	53.07%	57.34%	64.66%	75.72%	85.86%
1,160,406	49.53%	55.81%	64.43%	72.90%	82.55%	91.57%
881,111	63.52%	71.53%	74.74%	81.15%	88.09%	93.42%
1,138,054	64.53%	72.77%	87.01%	89.63%	93.24%	96.81%
1,129,177	52.49%	58.99%	64.03%	71.23%	80.50%	91.64%
801,099	42.60%	54.74%	60.45%	71.68%	81.76%	93.79%
573,198	76.27%	78.12%	80.48%	83.74%	93.99%	97.60%
1,238,127	36.26%	50.79%	64.73%	69.86%	75.26%	86.66%
931,010	41.16%	54.14%	63.68%	74.46%	80.78%	86.79%
1,483,915	48.81%	50.99%	57.28%	67.37%	72.24%	80.67%
678,834	54.40%	59.18%	64.44%	69.46%	79.40%	92.62%
787,024	64.25%	66.31%	77.37%	79.70%	87.87%	94.04%
2,580,906	36.64%	40.32%	47.48%	56.27%	63.63%	79.09%
813,236	84.28%	85.62%	90.46%	95.35%	95.86%	97.37%
1,374,732	50.71%	56.92%	62.22%	70.57%	79.66%	94.60%
778,695	97.07%	98.68%	99.63%	99.95%	99.98%	99.98%
720,319	51.85%	57.17%	67.62%	75.38%	83.59%	92.04%
1,258,065	42.39%	47.65%	52.86%	58.32%	70.02%	78.32%
1,740,552	37.35%	43.06%	47.43%	54.22%	64.01%	78.87%
745,577	97.04%	99.25%	99.25%	99.34%	99.34%	99.47%
1,399,338	41.20%	46.89%	56.20%	67.11%	75.04%	85.61%
1,413,874	41.35%	47.25%	54.94%	63.98%	71.62%	80.92%
2,164,829	34.59%	41.11%	43.46%	49.16%	65.53%	80.33%
1,897,691	35.26%	41.70%	46.56%	57.51%	73.11%	85.12%
6,280,123	21.62%	31.94%	40.67%	55.99%	76.20%	91.24%
1,260,038	36.46%	40.84%	46.66%	51.51%	64.94%	82.76%
716,468	93.46%	94.20%	94.95%	99.04%	99.13%	99.13%
946,655	54.66%	64.72%	68.89%	78.46%	86.27%	92.66%
1,047,992	58.71%	65.99%	70.08%	73.77%	76.95%	84.52%
537,097	26.22%	30.32%	34.29%	37.55%	54.41%	87.11%

Population vs. % Time vs. ERP

ATV Channel 35 Los Angeles
Mount Wilson Transmitter



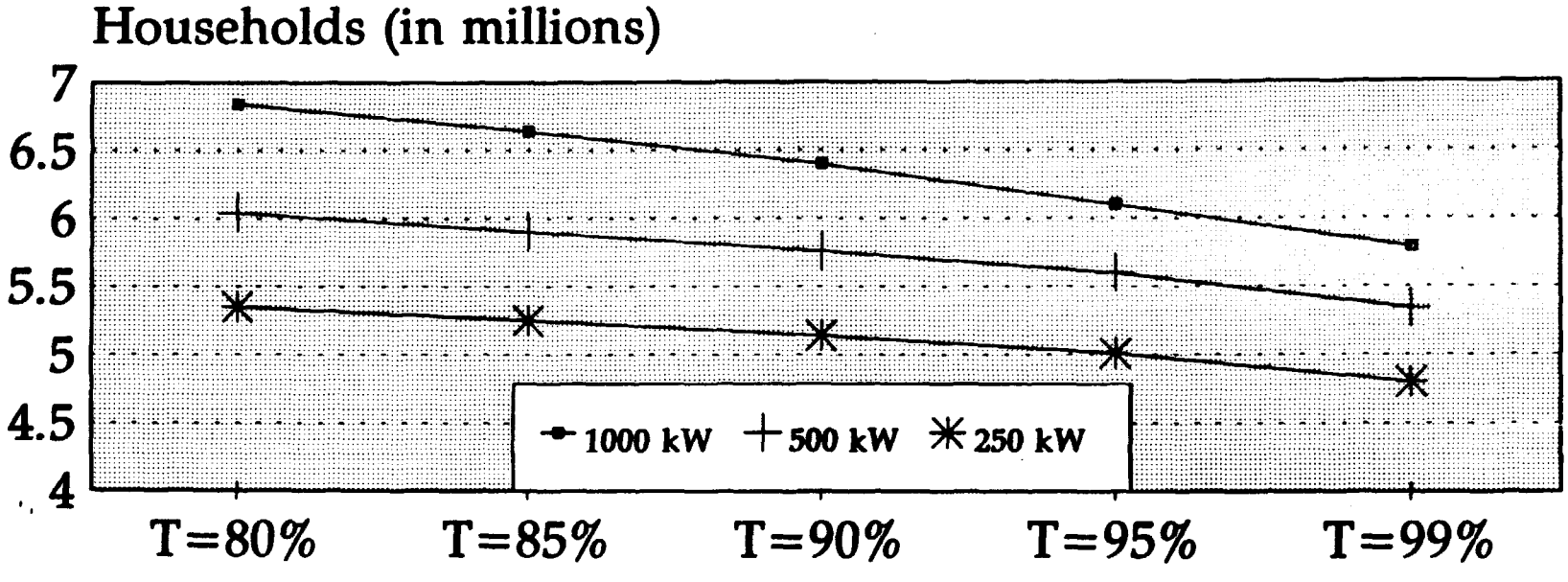
1500 kW	4.67	4.65	4.62	4.56	4.48
750 kW	4.5	4.46	4.44	4.39	4.3
375 kW	4.28	4.25	4.22	4.19	4.16

% Time

Fox Inc EW 12/31/92

Population vs. % Time vs. ERP

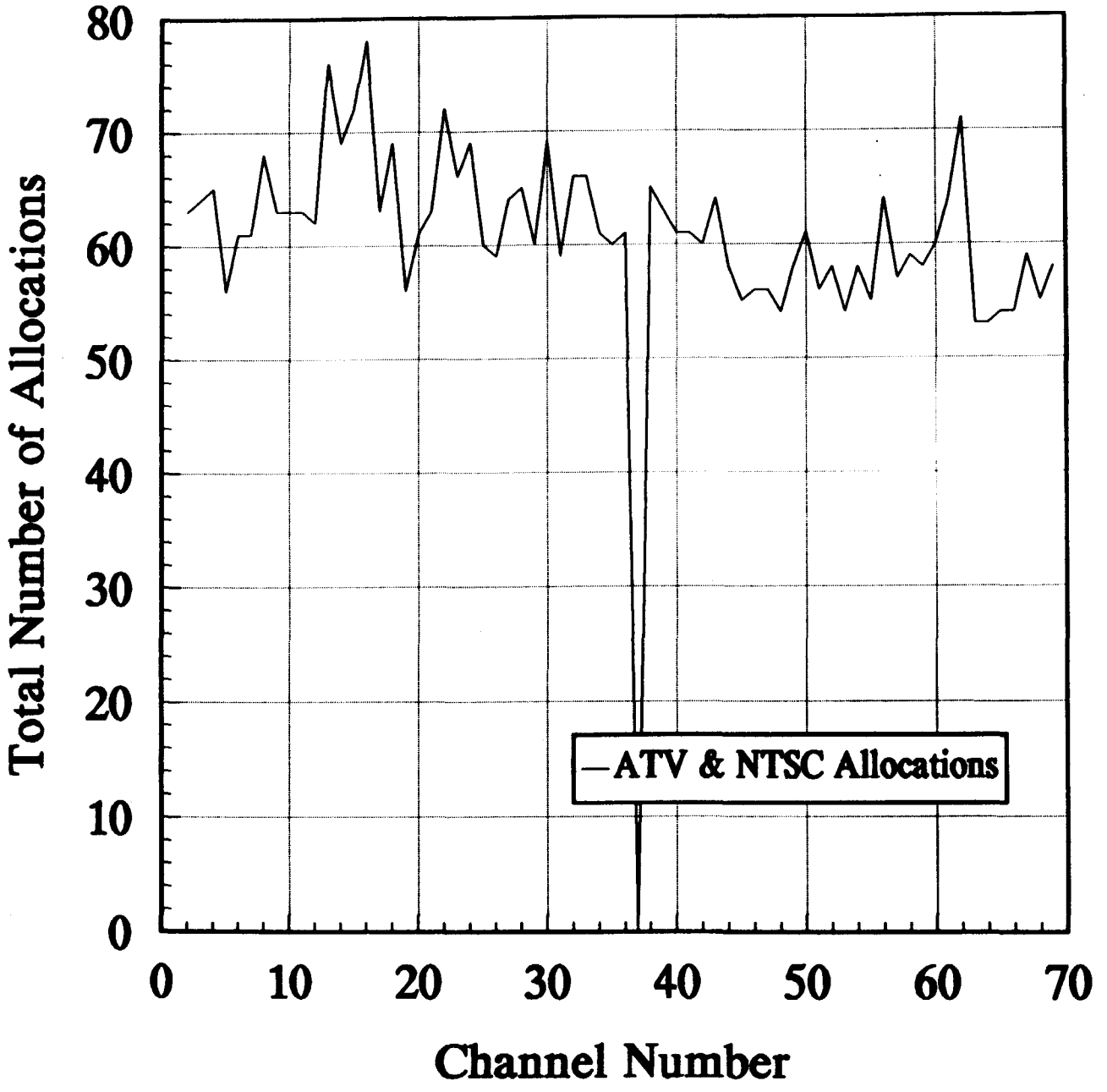
ATV Channel 28 New York City
World Trade Center Transmitter



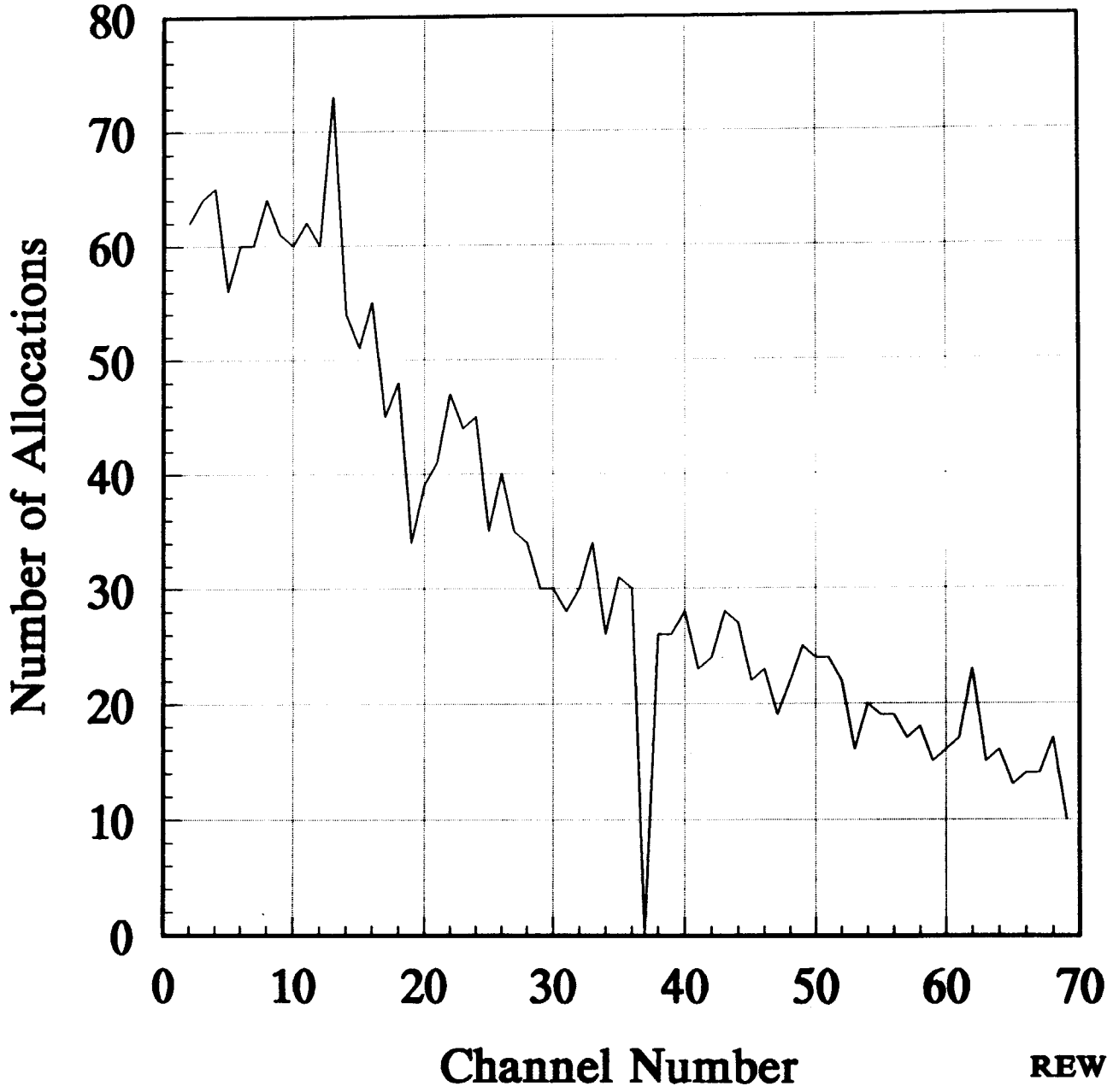
1000 kW	6.84	6.64	6.4	6.1	5.79
500 kW	6.04	5.9	5.76	5.6	5.34
250 kW	5.35	5.25	5.14	5.01	4.8

% Time

NTSC and ATV Allocation Totals (by Channel Number)



Allocations vs Channel Number
Continental US, Carribean, and Alaska Only



REW 6/22/92