



February 12, 1997

Promenade II
1200 Peachtree Street, N.E.
Atlanta, GA 30309

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5315

Pursuant to Section 5.56 of the Commission's rules, AT&T Corp hereby requests Special Temporary Authority to conduct testing of equipment and propagation phenomena at the various frequency levels. It will allow testing of new experimental equipment and antenna's to make better use of the frequency spectrum. We will be filing for a new experimental license to replace our old license with call sign KE2XGA, which went to Lucent Technologies at the split of company.

Following is the pertinent information corresponding to this request:

1. AT&T Corp
1200 Peachtree St., NE - 16N01
Atlanta, GA 30309
2. Our license KE2XGA was transferred to Lucent Technologies during our company's recent split and we would like to continue our experimental testing.
3. Operation will be in accordance with Section 5.202(a) of the Commission's rules.
4. AT&T Corp had previously held experimental licenses at these frequencies for these purposes. With the divestiture of AT&T Corp into separate companies and the transfer of AT&T Bell Laboratories to Lucent Technologies the existing licenses were transferred to Lucent Technologies. AT&T Corp still has part of the laboratories to conduct various experimental development of ideas, equipment and has a need to do various testing.
5. Upon FCC approval of STA.
6. Class of station: XD, FX, MO
Call sign: New
Nature of service: Experimental

7. Within the states of New York and New Jersey.

8, 9, 10 & 11. (SEE ATTACHMENT 1)

12. Varies.

If there are any questions, please contact Pamela J. Rust on 404-810-4056.

Sincerely,

Patricia M. Meisner

Patricia M. Meisner

District Manager

Transport Planning and Engineering

*Not enough info to grant DWOP. Will work
5687-EX-PL-97 instead.*

DJ 4/4/97

CERTIFICATION

Applicant certifies that neither the applicant nor any party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.

AT&T CORP

By: Patricia M. Meisner
Patricia M. Meisner
District Manager
Transport Planning and Engineering

Dated: 2/12/97

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Special Conditions:

- (1) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (2) Licensees should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Transmissions in the 3700-4200 MHz bands shall be based on prior coordination with existing earth station licensees located within the coordination distance contours.
- (4) All operation on Common Carrier frequencies is subject to prior coordination with authorized independent or MCC users in operational area.
- (5) The use of 152.84, 158.10, 890-940 and 12700-13200 MHz is authorized subject to prior determination by the licensee that operation on these frequencies will not cause interference to any broadcast STL station or TV Auxiliary station.
- (6) Licensees should be aware of the segmented band plan proposed in CC Docket 92-287, for the 27.5 - 29.5 GHz band. Operation in this band must be in accordance with the final Report and Order in this proceeding, once it is adopted by the Commission.

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ATTACHMENT 1

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4432-EX-R-86

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
35.22000-				
35.66000	FX	40K0F3E	500W (output)	0.002%
	FX	8K00A2D	500W (output)	
	FX	8K00A3E	500W (output)	
	FX	8K00B8E	500W (output)	
	FX	8K00R3E	500W (output)	
	FX	NOM	500W (output)	
43.22000-				
43.66000	FX	40K0F3E	500W (output)	0.002%
	FX	8K00A2D	500W (output)	
	FX	8K00A3E	500W (output)	
	FX	8K00B8E	500W (output)	
	FX	8K00R3E	500W (output)	
	FX	NOM	500W (output)	
152.51000-				
152.81000	FX	60K0F3E	600W (output)	0.0005%
	FX	NOM	600W (output)	
152.84000	FX	16K0F2D	20W (output)	0.0005%
	FX	16K0F3E	20W (output)	
157.10000	FX	16K0F2D	20W (output)	0.0005%
	FX	16K0F3E	20W (output)	
157.77000-				
158.07000	FX	60K0F3E	600W (output)	0.0005%
	FX	NOM	600W (output)	
454.37800-				
454.45000	FX	60K0F3E	600W (output)	0.00025%
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	NOM	600W (output)	
454.45000-				
454.95000	FX	60K0F3E	600W (output)	0.00025%
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	NOM	600W (output)	
459.37500-				
459.45000	FX	60K0F3E	600W (output)	0.00025%
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	

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Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	NOM	600W (output)	
459.45000-				
459.95000	FX	60K0F3E	600W (output)	0.00025%
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	NOM	600W (output)	
806.00000-				
881.00000	FX	30K0A3E	300W (output)	0.03%
	FX	30K0F1D	300W (output)	
	FX	30K0F2D	300W (output)	
	FX	NOM	300W (output)	
890.00000-				
928.00000	NO	20M0F3E	20W (output)	0.03%
	NO	20M0F7B	20W (output)	
	NO	20M0F7W	20W (output)	
	NO	20M0F8W	20W (output)	
	NO	NOM	20W (output)	
928.00000-				
940.00000	FX	20M0F3E	20W (output)	0.03%
	FX	20M0F7B	20W (output)	
	FX	20M0F7W	20W (output)	
	FX	20M0F8W	20W (output)	
	FX	NOM	20W (output)	
2530.00000	FX	NOM	10W (ERP)	0.005%
2536.00000	FX	NOM	10W (ERP)	0.005%
2542.00000	FX	NOM	10W (ERP)	0.005%
2548.00000	FX	NOM	10W (ERP)	0.005%
2554.00000	FX	NOM	10W (ERP)	0.005%
2560.00000	FX	NOM	10W (ERP)	0.005%
2680.00000	FX	NOM	10W (ERP)	0.005%
2686.00000	FX	NOM	10W (ERP)	0.005%
3700.00000-				
4200.00000	FX	20M0B7W	250W (output)	0.03%
	FX	20M0B8W	250W (output)	
	FX	20M0F3E	250W (output)	
	FX	20M0F7B	250W (output)	
	FX	20M0F7W	250W (output)	
	FX	20M0F8W	250W (output)	
	FX	NOM	250W (output)	
5925.00000-				
6575.00000	FX	20M0B7W	20W (output)	0.03%
	FX	20M0B8W	20W (output)	

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Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	30M0F3E	20W (output)	
	FX	30M0F7B	20W (output)	
	FX	30M0F7W	20W (output)	
	FX	30M0F8W	20W (output)	
	FX	N0N	20W (output)	
10330.00000-				
10480.00000	FX	25M0F1D	20W (output)	0.03%
	FX	25M0F3E	20W (output)	
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
10700.00000-				
11700.00000	FX	40M0F1D	50W (output)	0.03%
	FX	40M0F3E	50W (output)	
	FX	40M0F7B	50W (output)	
	FX	40M0F7W	50W (output)	
	FX	40M0F8W	50W (output)	
	FX	N0N	50W (output)	
10700.00000-				
13225.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
17700.00000-				
19700.00000	FX	220M1B	20W (output)	0.03%
	FX	220M1D	20W (output)	
	FX	220M3E	20W (output)	
	FX	220M7W	20W (output)	
	FX	220M8W	20W (output)	
	FX	25M0F7B	20W (output)	
	FX	N0N	20W (output)	
27500.00000-				
30000.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
31000.00000-				
31200.00000	FX	25M0F1D	20W (output)	0.03%
	FX	25M0F3E	20W (output)	
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	

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Frequency MHz	Class Mn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	25M0F0W	20W (output)	
	FX	N0N	20W (output)	
38600.00000-				
40000.00000	FX	25M0F1D	20W (output)	0.03%
	FX	25M0F3E	20W (output)	
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
40000.00000-				
48000.00000	FX	25M0F1D	20W (output)	0.03%
	FX	25M0F3E	20W (output)	
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
50000.00000-				
51000.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
54280.00000-				
58200.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
59000.00000-				
64000.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
66000.00000-				
71000.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
76000.00000-				
86000.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	

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Frequency MHz	Class Sta	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
GHz				
92.00000-				
100.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
102.00000-				
105.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
116.00000-				
130.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
140.00000-				
164.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
170.00000-				
182.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
185.00000-				
217.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F8W	20W (output)	
	FX	N0N	20W (output)	
252.00000-				
300.00000	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	

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Frequency GHz	Class Sta	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	25M0F6W	20W (output)	
	FX	N0N	20W (output)	
300.00000-				
99999.99999	FX	25M0F3E	20W (output)	0.03%
	FX	25M0F7B	20W (output)	
	FX	25M0F7W	20W (output)	
	FX	25M0F6W	20W (output)	
	FX	N0N	20W (output)	