

AT&T Corp.
FCC Form 442
Item 4

Exhibit 1

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
35.16000	MO	20K0F3E	100W (ERP)	0.01%
35.22000-				
35.66000	MO	36K0F3E	500W (ERP)	0.01%
	MO	8K00A2D	500W (ERP)	
	MO	8K00A3E	500W (ERP)	
	MO	8K00A8E	500W (ERP)	
	MO	8K00R3E	500W (ERP)	
	MO	NON	500W (ERP)	
43.16000	MO	20K0F3E	100W (ERP)	0.01%
43.22000-				
43.66000	MO	36K0F3E	500W (ERP)	0.01%
	MO	8K00A2D	500W (ERP)	
	MO	8K00A3E	500W (ERP)	
	MO	8K00A8E	500W (ERP)	
	MO	8K00R3E	500W (ERP)	
	MO	NON	500W (ERP)	
152.48600	MO	10K2F2D	20W (ERP)	0.005%
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
152.51000-				
152.81000	MO	40K0F2D	600W (ERP)	0.005%
	MO	40K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	NON	600W (ERP)	
152.83400	MO	10K2F2D	20W (ERP)	0.005%
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
152.84000	MO	10K2F2D	20W (ERP)	0.005%
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
157.74600	MO	10K2F2D	20W (ERP)	0.005%
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
157.77000-				
158.07000	MO	40K0F2D	600W (ERP)	0.005%
	MO	40K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	NON	600W (ERP)	
158.09400	MO	10K2F2D	20W (ERP)	0.005%
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
158.10000	MO	10K2F2D	20W (ERP)	0.005%

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	MO	15K0F2D	20W (ERP)	
	MO	16K0F3E	20W (ERP)	
454.37500-				
454.45000	MO	80K0F2D	600W (ERP)	0.05%
	MO	80K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	N0N	600W (ERP)	
454.45000-				
454.97500	MO	80K0F2D	600W (ERP)	0.05%
	MO	80K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	N0N	600W (ERP)	
459.37500-				
459.45000	MO	80K0F2D	600W (ERP)	0.05%
	MO	80K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	N0N	600W (ERP)	
459.45000-				
459.97500	MO	80K0F2D	600W (ERP)	0.05%
	MO	80K0F3E	600W (ERP)	
	MO	8K00A2D	600W (ERP)	
	MO	8K00A3E	600W (ERP)	
	MO	N0N	600W (ERP)	
806.00000-				
890.00000	MO	30K0F1D	300W (ERP)	0.05%
	MO	30K0F2D	300W (ERP)	
	MO	8K00A1D	300W (ERP)	
	MO	8K00J3E	300W (ERP)	
	MO	8K00R3E	300W (ERP)	
	MO	N0N	300W (ERP)	
890.00000-				
902.00000	MO	150KF3E	20W (ERP)	0.05%
	MO	150KF3F	20W (ERP)	
	MO	150KF8W	20W (ERP)	
	MO	N0N	20W (ERP)	
928.00000-				
940.00000	MO	150KF3E	20W (ERP)	0.05%
	MO	150KF3F	20W (ERP)	
	MO	150KF8W	20W (ERP)	
	MO	N0N	20W (ERP)	
1850.00000-				

1990.00000 MO 10M0A7W 32K (ERP) 0.05%

2110.00000-

2130.00000 MO 10M0F7B 4K (ERP) 0.05%

MO 10M0F8E 4K (ERP)

MO NON 4K (ERP)

2130.00000-

2150.00000 MO 800KA7W 32K (ERP) 0.05%

2160.00000-

2180.00000 MO 10M0F7B 4K (ERP) 0.05%

MO 10M0F8E 4K (ERP)

MO NON 4K (ERP)

2180.00000-

2200.00000 MO 800KA7W 32K (ERP) 0.05%

3700.00000-

4200.00000 MO 20M0B7W 20W (ERP) 0.05%

MO 20M0F3E 20W (ERP)

MO 20M0F7W 20W (ERP)

MO 20M0F8W 20W (ERP)

MO NON 20W (ERP)

5925.00000-

6575.00000 MO 30M0B7W 250W (ERP) 0.05%

MO 30M0B8W 250W (ERP)

MO 30M0F3E 250W (ERP)

MO 30M0F3F 250W (ERP)

MO 30M0F7W 250W (ERP)

MO 30M0F8W 250W (ERP)

MO NON 250W (ERP)

6525.00000-

6875.00000 MO 10M0A7W 100K (ERP) 0.05%

MO 20M0A7W 100K (ERP)

10550.00000-

10680.00000 MO 5K00F8W 10W (ERP) 0.05%

MO NON 10W (ERP)

10700.00000-

11700.00000 MO 40M0F3E 50W (ERP) 0.05%

MO 40M0F3F 50W (ERP)

MO 40M0F7W 50W (ERP)

MO 40M0F8W 50W (ERP)

MO NON 50W (ERP)

11700.00000-

12200.00000 MO 5M00F8W 10W (ERP) 0.05%

MO NON 10W (ERP)

17700.00000-

19300.00000 MO 7M00F1B 20W (ERP) 0.05%

MO 7M00F8E 20W (ERP)

MO 7M00F8W 20W (ERP)

MO NON 20W (ERP)

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
17700.00000-				
19700.00000	MO	220MA1D	20W (ERP)	0.05%
	MO	220MF1B	20W (ERP)	
	MO	220MF1D	20W (ERP)	
	MO	220MF3E	20W (ERP)	
	MO	220MF7W	20W (ERP)	
	MO	220MF8W	20W (ERP)	
	MO	NON	20W (ERP)	
19400.00000-				
19700.00000	MO	700MF1B	20W (ERP)	0.05%
	MO	700MF7W	20W (ERP)	
	MO	700MF8E	20W (ERP)	
	MO	700MF8W	20W (ERP)	
	MO	NON	20W (ERP)	
21200.00000-				
23600.00000	MO	16M0A7W	10W (ERP)	0.05%
	MO	16M0A8W	10W (ERP)	
	MO	16M0F7W	10W (ERP)	
	MO	NON	10W (ERP)	

Exhibit 2

The instant application requests an experimental license to enable AT&T Corp. ("AT&T") to engage in experiments to test RF equipment, RF propagation, new and developing technologies (as well as enhancements to existing technologies) and services. The application proposes the use of a wide variety of frequency bands, modulation techniques and power levels. Depending on the experiment in question, the tests may be conducted in numerous and varied locations thereby necessitating that the experimental license be granted for nationwide use.

As the largest telecommunications company in the world, AT&T is constantly engaged in the process of developing and testing technologies for suitability for new services to ensure that innovative and competitive services can be commercially deployed at the earliest possible time to the benefit of the public.

It should be noted that this application for an experimental authorization is identical to Experimental License KE2XGF, currently licensed to Lucent Technologies ("Lucent").¹ When Lucent was spun off from AT&T it was the intention of the parties that both AT&T and Lucent would retain sets of experimental licenses so they could independently continue to engage in experimental testing in a wide variety of frequency bands, using different power levels and modulation techniques. Due to an inadvertent oversight, the licenses were fully assigned to Lucent rather than a duplicate set of licenses being obtained by AT&T and Lucent.²

In order to enable AT&T to continue to engage in experimental testing to bring new and innovative services to the public and to remedy the inadvertent oversight that was committed when Lucent was spun off from AT&T, AT&T submits that grant of the instant application would serve the public interest, convenience and necessity.

¹ Contemporaneous with the filing of this application, AT&T is submitting eight others based on similar circumstances.

² "Duplicate" sets of licenses were issued at various times since the AT&T divestiture in 1984, such as for example, when BellCore and AT&T became independent.