

AT&T Corp.
FCC Form 442
Item 4

Exhibit 1

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	NON	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	NON	500W (output)	
152.51000-				
152.81000	FX	60K0F3E	600W (output)	0.0005%
	FX	NON	600W (output)	
152.84000	FX	15K0F2D	20W (output)	0.0005%
	FX	16K0F3E	20W (output)	
157.10000	FX	15K0F2D	20W (output)	0.0005%
	FX	16K0F3E	20W (output)	
157.77000-				
158.07000	FX	60K0F3E	600W (output)	0.0005%
	FX	NON	600W (output)	
454.37500-				
454.45000	FX	60K0F3E	600W (output)	0.00025%
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	NON	600W (output)	
454.45000-				
454.95000	FX	60K0F3E	600W (output)	0.00025%
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	NON	600W (output)	
459.37500-				
459.45000	FX	60K0F3E	600W (output)	0.00025%
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	NON	600W (output)	
459.45000-				
459.95000	FX	60K0F3E	600W (output)	0.00025%
	FX	80K0A2D	600W (output)	
	FX	80K0A3E	600W (output)	
	FX	8K00A2D	600W (output)	
	FX	8K00A3E	600W (output)	
	FX	NON	600W (output)	
806.00000-				
881.00000	FX	30K0A3E	300W (output)	0.03%
	FX	30K0F1D	300W (output)	
	FX	30K0F2D	300W (output)	
	FX	NON	300W (output)	
890.00000-				
928.00000	MO	20M0F3E	20W (output)	0.03%
	MO	20M0F7B	20W (output)	
	MO	20M0F7W	20W (output)	
	MO	20M0F8W	20W (output)	
	MO	NON	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	NON	20W (output)	
2530.00000	FX	NON	10W (ERP)	0.005%
2536.00000	FX	NON	10W (ERP)	0.005%
2542.00000	FX	NON	10W (ERP)	0.005%
2548.00000	FX	NON	10W (ERP)	0.005%
2554.00000	FX	NON	10W (ERP)	0.005%
2560.00000	FX	NON	10W (ERP)	0.005%
2680.00000	FX	NON	10W (ERP)	0.005%
2686.00000	FX	NON	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	NON	250W (output)	
5925.00000-				
6575.00000	FX	20M0B7W	20W (output)	0.03%
	FX	20M0B8W	20W (output)	

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)	
10550.00000-				
10680.00000	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	220MF1B	20W (output)	0.03%
	FX	220MF1D	20W (output)	
	FX	220MF3E	20W (output)	
	FX	220MF7W	20W (output)	
	FX	220MF8W	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)	

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	25M0F8W	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)	
54250.00000-				
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)	

Frequency MHz	Class Stn	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)	

Frequency GHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	25M0F8W	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	25M0F8W	20W (output)	
	FX	N0N	20W (output)	

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 KE2XGA, 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.