

AT&T Corp.  
FCC Form 442  
Item 4

Exhibit 1

Frequency	Class	Emission	Stn Designator	Authorized Power watts	Tolerance (+/-)
35.16000	MO	15K0F2B	NON	100W (output)	0.002%
35.16000	MO	16K0F3E	NON	100W (output)	0.002%
35.16000	MO	16K0F3E	NON	100W (output)	0.002%
35.16000	MO	6K00A2B	NON	500W (output)	0.002%
35.16000	MO	6K00A2B	NON	500W (output)	0.002%
35.16000	MO	6K00A2B	NON	500W (output)	0.002%
35.16000	MO	15K0F2B	NON	500W (output)	0.002%
43.16000	MO	15K0F2B	NON	100W (output)	0.002%
43.16000	MO	16K0F3E	NON	100W (output)	0.002%
43.16000	MO	6K00A2B	NON	100W (output)	0.002%
43.16000	MO	6K00A2B	NON	100W (output)	0.002%
43.16000	MO	6K00A2B	NON	100W (output)	0.002%
43.16000	MO	6K00A2B	NON	100W (output)	0.002%
43.16000	MO	15K0F2B	NON	500W (output)	0.002%
43.16000	MO	16K0F3E	NON	500W (output)	0.002%
43.16000	MO	16K0F3E	NON	500W (output)	0.002%
43.16000	MO	6K00A2B	NON	500W (output)	0.002%
43.16000	MO	6K00A2B	NON	500W (output)	0.002%
43.16000	MO	6K00A2B	NON	500W (output)	0.002%
43.16000	MO	10K2F2B	NON	20W (output)	0.0005%
43.16000	MO	15K0F2B	NON	20W (output)	0.0005%
43.16000	MO	15K0F2B	NON	20W (output)	0.0005%
152.48600	MO	10K2F2B	NON	20W (output)	0.0005%
152.48600	MO	15K0F2B	NON	20W (output)	0.0005%
152.48600	MO	16K0F3E	NON	20W (output)	0.0005%
152.48600	MO	16K0F3E	NON	20W (output)	0.0005%
152.48600	MO	6K00A2B	NON	600W (output)	0.0005%
152.48600	MO	6K00A2B	NON	600W (output)	0.0005%
152.48600	MO	6K00A2B	NON	600W (output)	0.0005%
152.83400	MO	10K2F2B	NON	20W (output)	0.0005%
152.83400	MO	15K0F2B	NON	20W (output)	0.0005%
152.83400	MO	16K0F3E	NON	20W (output)	0.0005%
152.83400	MO	16K0F3E	NON	20W (output)	0.0005%
152.83400	MO	6K00A2B	NON	600W (output)	0.0005%
152.83400	MO	6K00A2B	NON	600W (output)	0.0005%
152.83400	MO	6K00A2B	NON	600W (output)	0.0005%
152.84000	MO	10K2F2B	NON	20W (output)	0.0005%
152.84000	MO	15K0F2B	NON	20W (output)	0.0005%
152.84000	MO	16K0F3E	NON	20W (output)	0.0005%
152.84000	MO	16K0F3E	NON	20W (output)	0.0005%
152.84000	MO	6K00A2B	NON	600W (output)	0.0005%
152.84000	MO	6K00A2B	NON	600W (output)	0.0005%
152.84000	MO	6K00A2B	NON	600W (output)	0.0005%
157.74600	MO	10K2F2B	NON	20W (output)	0.0005%
157.74600	MO	15K0F2B	NON	20W (output)	0.0005%
157.74600	MO	16K0F3E	NON	20W (output)	0.0005%
157.74600	MO	16K0F3E	NON	20W (output)	0.0005%
157.74600	MO	6K00A2B	NON	600W (output)	0.0005%
157.74600	MO	6K00A2B	NON	600W (output)	0.0005%
157.74600	MO	6K00A2B	NON	600W (output)	0.0005%
158.07000	MO	15K0F2B	NON	600W (output)	0.0005%
158.07000	MO	16K0F3E	NON	600W (output)	0.0005%
158.07000	MO	16K0F3E	NON	600W (output)	0.0005%
158.07000	MO	6K00A2B	NON	600W (output)	0.0005%
158.07000	MO	6K00A2B	NON	600W (output)	0.0005%
158.07000	MO	6K00A2B	NON	600W (output)	0.0005%

KHz

Authorized Power watts (+/-) Tolerance

NON 100W (output)

NON 100W (output)

NON 20W (output)

NON 20W (output)

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Handwritten notes and scribbles.

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
158.09400	MO	10K2F2B <sup>10K0F2B</sup>	20W (output)	0.0005%
	MO	15K0F2B	20W (output)	
	MO	16K0F3E	20W (output)	
158.10000	MO	10K2F2B <sup>10K0F2B</sup>	20W (output)	0.0005%
	MO	15K0F2B	20W (output)	
	MO	16K0F3E	20W (output)	
454.37500-				
454.45000	MO	6K00A2B	600W (output)	0.0005%
	MO	6K00A3E	600W (output)	
	MO	80K0F2B	600W (output)	
	MO	80K0F3E	600W (output)	
	MO	NON	600W (output)	
454.45000-				
454.97500	MO	6K00A2B	600W (output)	0.0005%
	MO	6K00A3E	600W (output)	
	MO	80K0F2B	600W (output)	
	MO	80K0F3E	600W (output)	
	MO	NON	600W (output)	
459.37500-				
459.45000	MO	6K00A2B	600W (output)	0.0005%
	MO	6K00A3E	600W (output)	
	MO	80K0F2B <sup>20K0F2B</sup>	600W (output)	
	MO	80K0F3E	600W (output)	
	MO	NON	600W (output)	
459.45000-				
459.97500	MO	6K00A2B	600W (output)	0.0005%
	MO	6K00A3E	600W (output)	
	MO	80K0F2B	600W (output)	
	MO	80K0F3E	600W (output)	
	MO	NON	600W (output)	
824.00000-				
849.00000	MO	30K0DXW <sup>10000W</sup>	12W (ERP)	%
	MO	30K0F2B <sup>30K0F2D</sup>	12W (ERP)	
	MO	30K0F3E	12W (ERP)	
	MO	NON	12W (ERP)	
	FX	30K0DXW <sup>10000W</sup>	300W (ERP)	
	FX	30K0F2B <sup>30K0F2D</sup>	300W (ERP)	
	FX	30K0F3E	300W (ERP)	
	FX	30K0F7W	300W (ERP)	
	FX	NON	300W (ERP)	
869.00000-				
894.00000	MO	30K0DXW <sup>10000W</sup>	12W (ERP)	%
	MO	30K0F2B <sup>30K0F2D</sup>	12W (ERP)	
	MO	30K0F3E	12W (ERP)	

Handwritten notes and signatures at the bottom of the page, including a large 'X' and some illegible text.



Frequency	Class	Emission	Stn Designator	Authorized Power watts	Tolerance (+/-)
19400.00000-	MO	220M8W	NON	20W (output)	
19700.00000	MO	220M1B	20W (output)	20W (output)	%
21800.00000-	MO	220M2B	20W (output)	20W (output)	
	MO	220M3B	20W (output)	20W (output)	
	MO	220M7B	20W (output)	20W (output)	
	MO	220M8W	20W (output)	20W (output)	
	MO	NON	20W (output)	20W (output)	
23200.00000	MO	16M08W	10W (output)	10W (output)	%
	MO	NON	10W (output)	10W (output)	

*Handwritten notes:* 20W (output) more, 20W (output) more

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 KB2XTG, currently licensed to Lucent Technologies ("Lucent").<sup>1</sup> 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.<sup>2</sup>

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.

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

<sup>2</sup> "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.