

~~KE2XGA~~

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	N0W	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	N0W	500W (output)			
✓ 152.51000- 152.81000	FX	60K0F3E	600W (output)	0.0005%		
	FX	N0W	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	N0W	600W (output)			
✓ 454.37800- 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	N0W	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	N0W	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)			
	FX	N0W	600W (output)			

✓ same as MS license

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts	Tolerance (+/-)
	FX	NON	600W (output)	
459.45000-	FX	60K0F3E	600W (output)	0.00025%
459.95000	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	NO	20M0F3E	20W (output)	0.03%
	NO	20M0F7B	20W (output)	
	NO	20M0F7W	20W (output)	
	NO	20M0F8W	20W (output)	
	NO	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	22M0F1B	20W (output)	0.03%
	FX	22M0F1D	20W (output)	
	FX	22M0F3E	20W (output)	
	FX	22M0F7W	20W (output)	
	FX	22M0F8W	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)	

*get band plan*

*nb: FX, MO  
P+ 74, 21, 78, 94, 95*

Frequency	Class	Emision	RTN Designator	Authorized Power Watts	Tolerance (+/-)
3860.0000-	FX	25M07D	NON	20W (output)	0.03%
4000.0000	FX	25M07D	NON	20W (output)	0.03%
4000.0000-	FX	25M07D	NON	20W (output)	0.03%
4800.0000	FX	25M07D	NON	20W (output)	0.03%
5000.0000-	FX	25M07D	NON	20W (output)	0.03%
5100.0000	FX	25M07D	NON	20W (output)	0.03%
5425.0000-	FX	25M07D	NON	20W (output)	0.03%
5820.0000	FX	25M07D	NON	20W (output)	0.03%
5900.0000-	FX	25M07D	NON	20W (output)	0.03%
6400.0000	FX	25M07D	NON	20W (output)	0.03%
6600.0000-	FX	25M07D	NON	20W (output)	0.03%
7100.0000	FX	25M07D	NON	20W (output)	0.03%
7600.0000-	FX	25M07D	NON	20W (output)	0.03%

28.5-40  
G: 25M07D  
M: " 25M07D"

28.6-29.5  
M: 25M07D

MHz

Frequency	Class	Emision	Stm	Designator	Authorized Power watts	Tolerance (+/-)
92.00000-	FX	25M0F3E	FX	25M0F0W	20W (output)	
100.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
102.00000-	FX		FX	NON	20W (output)	
105.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
116.00000-	FX		FX	NON	20W (output)	
130.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
140.00000-	FX		FX	NON	20W (output)	
164.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
170.00000-	FX		FX	NON	20W (output)	
182.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
185.00000-	FX		FX	NON	20W (output)	
217.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	
	FX	25M0F0W	FX	25M0F0W	20W (output)	
252.00000-	FX		FX	NON	20W (output)	
300.00000	FX	25M0F3E	FX	25M0F7B	20W (output)	0.03%
	FX	25M0F7B	FX	25M0F7B	20W (output)	
	FX	25M0F7M	FX	25M0F7M	20W (output)	

GHz

MHz

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)	

*out of range  
ungrantable*

## **EXHIBIT 2**

The purpose of this license is to allow AT&T Laboratories and other AT&T groups to do 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.

AT&T had previously held experimental licenses at these frequencies for these purposes. With the divestiture of AT&T into separate companies and the transfer of AT&T Bell Laboratories to Lucent Technologies the existing licenses were transferred to Lucent Technologies. AT&T still has a part of the Laboratories to conduct various experimental development of ideas and equipment and has a need to do various testing.