

John Kennedy

From: Wolter, David [David_Wolter@labs.att.com]
Sent: Friday, April 20, 2007 7:00 PM
To: John Kennedy
Cc: HUGHES, THOMAS F (ATTOPS)
Subject: FW: emission/fcc exp license
Importance: High

April 20, 2007

Mr. John Kennedy
Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20544

Dear Mr. Kennedy:

In reference to our application to renew Experimental License KM2XBI, please find below the required Emission Designation and Power Levels that have been revised per your telephone message of April 20, 2007.

Sincerely,

David Wolter - Executive Director
AT&T Labs
9505 Arboretum Blvd.
Austin, Texas
(512) 372-5811

Emission Designation and Power Levels:

Frequency (MHz)	Station Class	Emission Designator	Authorized Power (ERP in kWatts)
47-49.6	FX	10M0D7W	1.5
698-746	FX	10M0D7W	1.5
747-762	MO	10M0D7W	.1
777-792	MO	10M0D7W	.1
824-894	FX	10M0D7W	1.5
824-894	MO	10M0D7W	.1
930-931	FX	10M0D7W	1.5
930-931	MO	10M0D7W	.1
940-952	MO	10M0D7W	.1
940-952	FX	10M0D7W	1
1670-1675	FX	10M0D7W	1
1850-1910	FX	10M0D7W	1.5
1850-1910	MO	10M0D7W	.1
1930-1990	FX	10M0D7W	1.5
1930-1990	MO	10M0D7W	.1
2110-2200	FX	10M0D7W	1.5
2110-2200	MO	10M0D7W	.1
2305-2320	MO	10M0D7W	.1
2345-2360	FX	10M0D7W	1.5
2500-2690	FX	10M0D7W	1.5
2500-2690	MO	10M0D7W	.1
3700-4200	FX	10M0D7W	1.2
3700-4200	MO	10M0D7W	.1
5925-6425	FX	10M0D7W	1.2
5925-6425	MO	10M0D7W	.1
10700-11700	FX	10M0D7W	.6
10700-11700	MO	10M0D7W	.1
27500-28350	FX	10M0D7W	1.5
27500-28350	MO	10M0D7W	.1
37000-40000	MO	3G00GXW	.1
37000-40000	FX	3G00GXW	1
40500-42400	MO	10M0D7W	.1
40500-42400	FX	10M0D7W	1

Emission Designators - First Symbol

Types of Modulation of the Main Carrier:

Description	Symbol
Emission of an unmodulated carrier	N
Emission in which the main carrier is amplitude-modulated (including cases where sub-carriers are angle-modulated):	
Double-sideband	A
Single-sideband, full carrier	H
Single-sideband, reduced or variable level carrier	R
Single-sideband, suppressed carrier	J
Independent sidebands	B
Vestigial sideband	C
Emission in which the main carrier is angle-modulated:	
Frequency modulation	F
Phase modulation	G
Emission in which the main carrier is amplitude and angle-modulated either simultaneously or in a pre-established sequence	
	D
Emission of pulses: *	
Sequence of unmodulated pulses	P
A sequence of pulses:	
Modulated in amplitude	K
Modulated in width/duration	L
Modulated in position/phase	M
In which the carrier is angle-modulated during the period of the pulse	Q
Which is a combination of the foregoing or is produced by other means	V
Cases not covered above, in which an emission consists of the main carrier modulated, either simultaneously or in pre-established sequence, in a combination of two or more of the following modes: amplitude, angle, pulse	
	W
Cases not otherwise covered	
	X

Whenever frequency modulation "F" is indicated, Phase modulation "G" is also acceptable.

* Emissions where the main carrier is directly modulated by a signal which has been coded into quantized form (e.g. pulse code modulation) should be designated under amplitude modulation or angle modulation.

Emission Designators - Second Symbol

Nature of Signal(s) Modulating the Main Carrier:

Description	Symbol
No modulating signal	0
A single channel containing quantized or digital information without the use of a modulating sub-carrier, excluding time-division multiplex	1
A single channel containing quantized or digital information with the use of a modulating sub-carrier, excluding time-division multiplex	2
A single channel containing analog information	3
Two or more channels containing quantized or digital information	7
Two or more channels containing analog information	8
Composite system with one or more channels containing quantized or digital information, together with one or more channels containing analog information	9
Cases not otherwise covered	X

Emission Designators - Third Symbol

Type of Information to be Transmitted:

Description	Symbol
No information transmitted	N
Telegraphy - for aural reception	A
Telegraphy - for automatic reception	B
Facsimile	C
Data transmission, telemetry, telecommand	D
Telephony (including sound broadcasting)	E
Television (video)	F
Combination of the above	W
Cases not otherwise covered	X