



April 6, 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 attached the Emission Designation and Power Levels for the requested frequency bands. The Station Class for band 47-49.6 is also reported.

As you also requested, we have discussed the frequency coordination with AFTRCC (Mr. Darryl J. Holtmeyer contacted at 314-233-1117 and darryl.j.holtmeyer@boeing.com) and have been informed that no AFTRCC activity is scheduled in Austin, Texas at this time. We are in the process of completing the AFTRCC Request for Telemetry Frequency Coordination application and anticipate filing that shortly. We will email you with the final submission date as you requested in your telephone conversation this afternoon with Mr. John Radpour.

Could you kindly review the following information and let us know if we have fulfilled your data requirements and our contact coordination with AFTRCC to your satisfaction? Thank you.

Sincerely,

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

Reference Email from Mr. Kennedy:

-----Original Message-----

From: Generic Office of Engineering Technology

[<mailto:oetech@fccsun27w.fcc.gov>]

Sent: Monday, March 26, 2007 3:21 PM

To: wolter@labs.sbc.com

Subject: FCC File # 0190-EX-RR-2006 [Reference Number: 4848]

Mr. David Wolter,

Pursuant to our telephone conversation, please report complete emission designators as opposed to XXX, and report the peak effective radiated powers for the frequency bands under this license.

Please submit as an exhibit an AFTRCC coordination for the bands 2310-2320 MHz and 2345-2360 MHz.

Please report the station class (fixed or mobile) for the band 47-49.6 MHz.

Confirmation Number: EL687343

John.Kennedy@fcc.gov

Attachment:

Emission Designation and Power Levels:

Frequency (MHz)	Station Class	Emission Designator	Authorized Power
47-49.6	FX	D7W	25 W (output Power)
698-746	FX	D7W	25 W (output Power)
747-762	MO	D7W	5 W (output Power)
777-792	MO	D7W	5 W (output Power)
824-894	FX	D7W	25 W (output Power)
824-894	MO	D7W	5 W (output Power)
930-931	FX	D7W	25 W (output Power)
930-931	MO	D7W	5 W (output Power)
940-952	MO	D7W	5 W (output Power)
940-952	FX	D7W	25 W (output Power)
1670-1675	FX	D7W	25 W (output Power)
1850-1910	FX	D7W	25 W (output Power)
1850-1910	MO	D7W	5 W (output Power)
1930-1990	FX	D7W	25 W (output Power)
1930-1990	MO	D7W	5 W (output Power)
2110-2200	FX	D7W	25 W (output Power)
2110-2200	MO	D7W	5 W (output Power)
2305-2320	MO	D7W	5 W (output Power)
2345-2360	FX	D7W	25 W (output Power)
2500-2690	FX	D7W	25 W (output Power)
2500-2690	MO	D7W	5 W (output Power)
3700-4200	FX	D7W	20 W (output Power)
3700-4200	MO	D7W	20 W (output Power)
5925-6425	FX	D7W	20 W (output Power)
5925-6425	MO	D7W	20 W (output Power)
10700-11700	FX	D7W	10 W (output Power)
10700-11700	MO	D7W	10 W (output Power)
27500-28350	FX	D7W	25 W (output Power)
27500-28350	MO	D7W	5 W (output Power)
37000-40000	MO	GXW	5 W (output Power)
37000-40000	FX	GXW	1 kW (ERP)
40500-42400	MO	D7W	5 W (output Power)
40500-42400	FX	D7W	1000 W (output Power)

D7W is based on following FCC designations:

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