

April 1, 2000  
Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia MD 21046

Ladies and Gentlemen,

TRL Technologies, on behalf of Motorola, Inc., is applying for equipment authorization for the 800 / 1900 MHz Dual Band Linear RF Compensator, FCC ID: IHDA5Z6AJ1, model # SYN8486A.

The compensator is a single channel power amplifier that will be operated under FCC Rule Part 22 and 24 and has the following specifications:

	Frequency	Modulation	Channel Spacing	Power dBm	W
Uplink (Transmit)	824-849 MHz	AMPS	30KHz	27	0.5
		TDMA	30KHz	27	0.5
		CDMA	1.23MHz	27	0.5
	1850-1910 MHz	AMPS	30KHz	27	0.5
		TDMA	30KHz	27	0.5
		CDMA	1.23MHz	27	0.5
Downlink (Receive)	869-894 MHz	AMPS	30KHz	3	0.002
		TDMA	30KHz	3	0.002
		CDMA	1.23MHz	3	0.002
	1930-1990 MHz	AMPS	30KHz	3	0.002
		TDMA	30KHz	3	0.002
		CDMA	1.23MHz	3	0.002

Due to Motorola's requirement for proprietary information, we request that the following exhibits to be held confidential:

1. Block Diagrams
2. Operational Description
3. Parts List
4. Schematics

Please send the grant to:  
Andrew Bachler  
FCC Liason  
Personal Communications Sector  
Motorola, Inc.  
600 North U.S. Highway 45  
Libertyville, IL 60048  
Telephone: (847) 523-6167 Fax: (847) 523-2350  
E-Mail: [WLAB00@email.mot.com](mailto:WLAB00@email.mot.com)

If you have any questions regarding this filing, please contact me at:

TRL Technologies, Inc.  
2155 Stonington Ave.  
Suite 216  
Hoffman Estates IL60195

Phone: (847) 252-5836  
Fax: (847) 252-5850  
Email: [hlam@trltech.com](mailto:hlam@trltech.com)