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September 5, 2000

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Type Acceptance Application under FCC CFR 47, Parts 2 and 90 (Subpart I) - Radio Services Transmitters Operating in the frequency band 409 - 510 MHz (25 kHz Channel Spacing).

Applicant: Microwave Data Systems Inc.
Product: LEDR Microwave Radio
Model: LEDR 400S
FCC ID: E5M-LEDR400S

Dear Sir/Madam,

As appointed agent for **Microwave Data Systems Inc.**, please find copy of the engineering report, authorization letter, confidential filing letter and all the necessary items pertaining to submission.

Note that the user's manual, test data plots and schematics bear the Adaptive Broadband company name, which was the former name of Microwave Data Systems Inc.

If you have any queries, please do not hesitate to contact us by our TOLL FREE numbers:

OUR TELEPHONE NO.: 1-877-765-4173

Yours truly,

Tri Minh Luu, P. Eng.,
V.P., Engineering

TML/AK

Encl.



Microwave Data Systems Inc.
175 Science Parkway; Rochester, NY 14620

August 2, 2000

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Authority to Act as an Agent to FCC

Applicant: Microwave Data Systems Inc.
Product: LEDR Microwave Radio
Model: LEDR 400S
FCC ID: E5M-LEDR400S

Dear Sir/Madam,

I hereby appoint UltraTech Engineering Labs Inc. (UltraTech) to act as my agent in preparation of this application to F.C.C. for authorization of equipment under F.C.C. Rules.

I also certify that the information provided, properly described the device or system for which authorization is required.

Regards,

A handwritten signature in black ink, appearing to read "John A. Geiger", is written over a large, stylized, handwritten letter "J" that extends downwards and to the left.

John A. Geiger
Vice President Engineering & Product Development
Microwave Data Systems Inc.



Microwave Data Systems Inc.
175 Science Parkway; Rochester, NY 14620

August 2, 2000

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Subject: Request for withholding from public disclosure the schematic diagrams and system block diagrams pursuant to an application for certification.

Applicant: Microwave Data Systems Inc.
Model: LEDR 400S
FCC ID: E5M-LEDR400S

Dear Sir/Madam,

We, **Microwave Data Systems Inc.**, would like to request that the **Theory of Operation, Schematic Diagrams and System Block Diagrams, labeled Exhibit 6**, submitted with the application for certification be withheld from public disclosure as per Section 0.459 of FCC Rules. This request is made under the provisions of Section 0.457(d) of the Commission's Rules, and Section 552(b)(4) of the Freedom of Information Act. These sections authorize as a withholding from public inspection materials which would be privileged as a matter of law if retained by the person submitting them, and materials which would not customarily be released to the public by that person.

The detailed confidential materials are listed as follows:

No.	Title	Drawing No.	Sheet No.
1	Theory of Operation LEDR 400S Digital Microwave Radio Containing System Block Diagram		pages 1-12
2	LEDR II 400MHZ Schematic Diagram	00-3820A01	
2.1	INDEX		1 of 14
2.2	CPU		2 of 14
2.3	CPU SUPPORT		3 of 14
2.4	CPU MEMORY		4 of 14
2.5	DSP CODEC and DSP MEMORY		5 of 14
2.6	ETHERNET SERIAL and CUSTOMER INTERFACE		6 of 14
2.7	FPGA		7 of 14
2.8	MODEM		8 of 14
2.9	RF RECEIVER		9 of 14
2.10	RF TRANSCEIVER		10 of 14
2.11	RF POWER AMPLIFIER		11 of 14
2.12	POWER SUPPLIES		12 of 14
2.13	CONNECTORS		13 of 14
2.14	SPARES		14 of 14

If you have any queries, please do not hesitate to contact us at 716-242-9600

Yours truly,

John A. Geiger
Vice President Engineering & Product Development
Microwave Data Systems Inc.