



UNIVERSITY OF MICHIGAN
COLLEGE OF ENGINEERING
THE RADIATION LABORATORY
DEPARTMENT OF ELECTRICAL ENGINEERING
AND COMPUTER SCIENCE

3228 EECS BUILDING
1301 BEAL AVENUE
ANN ARBOR, MICHIGAN 48109-2122
734 764-0500 FAX 734 647-2106
<http://www.eecs.umich.edu/RADLAB/>

Re: Class II Permissive Change/Re-assessment
for Lear Tx./Rx.
Model: L0026911, L0066931
FCC ID: KOBDR05A
IC: 3521A-R05B

POWER OF ATTORNEY

A letter granting Valdis V. Liepa the Power of Attorney is on file and can be provided when so requested.



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REQUEST FOR CONFIDENTIALITY

Pursuant to 47 CFR 0.459, Lear requests that a part of the subject application be held confidential. This comprises Exhibits

- (5) Schematics
- (10) Parts List (Part of Exhibit only)

Lear has spent substantial effort in developing this product and it is one of the first of its kind in industry. Having the subject information easily available to "competition" would negate the advantage they have achieved by developing this product. Not protecting the details of the design will result in financial hardship.

If there are any questions regarding this request, please contact me at the above address or call 734-483-4211, fax 734-647-2106 or e-mail liepa@umich.edu.

Sincerely,

A handwritten signature in black ink that reads 'Valdis V. Liepa'.

Valdis V. Liepa
Research Scientist
University of Michigan



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CHANGES MADE

The current Tx./Rx. was modified as listed below:

The original device contained the receiver antenna internally. The current device has been modified to utilize one of two external active antennas, attached through a unique connector. Modifications of the original PCB/Schematic are as follows:

- 1) PCB antenna (Rx) was removed.
- 2) Fakra connector was added for attaching the external antenna.
- 3) R503, L518, R3 were added to match the external antenna connection.
- 3) Component placements were changed to fit the new PCB layout.

No changes were made to the components relating to the LF immobilizer circuit. Because the frequency involved in the LF circuit is low (125 kHz), changes in parts placement for these components are consistent with a Class I change.



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STATEMENT OF MODIFICATIONS

There were no modifications made to the DUT by this test laboratory. (Also see Section 3.1 of the attached Test Report).

A handwritten signature in black ink, reading "Valdis V. Liepa".

Valdis V. Liepa
Research Scientist



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GENERAL PRODUCT INFORMATION

The device, for which certification is pursued, has been designed by:

Lear Corporation
5200 Auto Club Drive
Dearborn, MI 48126

Tom Tang
Tel: 313-593 - 9934
Fax: 313-593-9526

It will be manufactured by:

EPIC Technologies
200 East Bluegrass Dr.
Norwalk, OH 44857

Tom Tang
Tel: 313-593 - 9934
Fax: 313-593-9526

Canadian Contact:

John J. Jackson
Daimler-Chrysler Canada- ARDC
3939 Rhodes Drive
Windsor, ON. N8W 5B5
Tel: (519) 973 - 2870
jkj1@daimlerchrysler.com