



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 Motorola LHJ012 Receiver
Model: LHJ012
FCC ID: LHJ012
IC: 109G 12020 5 2

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, Motorola requests that a part of the subject application be held confidential. This comprises Exhibits

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

Motorola 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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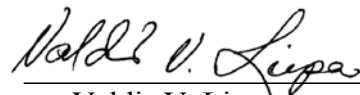
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February 19, 2004

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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).


Valdis V. Liepa
Research Scientist



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CHANGES MADE

The current Receiver was modified as listed below:

The GMT 800 Passenger Side Door Module contains the remote keyless entry receiver. There are versions for the 315 MHz and 433.92 MHz markets. Originally, both versions had a 315 MHz or 433.92 MHz SAW bandpass filter between the internal antenna and the input to the low noise amplifier. For cost reduction reasons it was desired to remove the SAW filter in the 315 MHz version only. The following changes apply to the 315 MHz version;

- 1) A small amount of copper has been added to the printed circuit board to allow for the addition of a new capacitor on each side of the SAW filter.
- 2) The 315 MHz SAW bandpass filter is not installed. The printed circuit board area for the SAW filter remains unchanged.
- 3) One inductor and two capacitors for impedance matching to the SAW filter are not installed.
- 4) Two capacitors are added at the new locations described in line 1. The module has been revised such that either the 315 MHz or 433.92 MHz versions could be built on the printed circuit board with or without the SAW filter.



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GENERAL PRODUCT INFORMATION

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

Motorola AIEG
4000 Commercial Avenue
Northbrook, IL 60062-1840

Steven Flatt
Tel: 847-480-4137
Fax: 847-205-2503

It will be manufactured by:

Motorola AIEG
4000 Commercial Avenue
Northbrook, IL 60062-1840

Steven Flatt
Tel: 847-480-4137
Fax: 847-205-2503

Canadian Contact:

Kathir Kandiah
260 Randolph Place Apt 103,
Windsor, ON N9B 2T3
Tel: 416-895-2910
E-mail: g16835@email.mot.com