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: Certification for Delphi Delco UWB Radar
Model: 12237659
FCC ID: L2C0030TR

POWER OF ATTORNEY

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

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: Certification for Delphi Delco UWB Radar
Model: 12237659
FCC ID: L2C0030TR

REQUEST FOR CONFIDENTIALITY

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

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

Delphi Delco 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,

Valdis V. Liepa
Research Scientist
University of Michigan

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: Certification for Delphi Delco UWB Radar
Model: 12237659
FCC ID: L2C0030TR

REQUEST FOR SHORT-TERM CONFIDENTIALITY

Delphi Delco requests that a part of the subject application be held short-term confidential. This comprises Exhibit(s)

(5) Internal Photos

The device in question will not be available to the consumer until the 2007 automotive model year. Thus, Delphi Delco requests that the internal photos not be made public at this time. Delphi will continue to request the short-term confidentiality every 45 day period, up to 180 days from the date of grant, as necessary.

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,

Valdis V. Liepa

Valdis V. Liepa

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/

November 3, 2005

Re: Certification for Delphi Delco UWB Radar
Model: 12237659
FCC ID: L2C0030TR

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

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: Certification for Delphi Delco UWB Radar
Model: 12237659
FCC ID: L2C0030TR

GENERAL PRODUCT INFORMATION

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

Delphi Automotive Systems
One Corporate Center
Kokomo, IN 46904-9005

Bill Lusa
Tel: 734-484-1387
Fax: 734-484-1389

It will be manufactured by:

Delphi Delco Electronics de Mexico SA de CV
Reynosa
Carrertera Reynosa - Matamoros Km 13.5
Parque Industrial
Codigo Postal 88780
Partado Postal 1201
Reynosa, Tamaulipas, Mexico

Bill Lusa
Tel: 734-484-1387
Fax: 734-484-1389

Canadian Contact:

Richard Wilkins
c/o Delphi Energy and Chassis Systems
Oshawa, Ontario L1N 7S6
richard.wilkins@delphi.com
Ph. (905)644-5216

Joseph D Brunett

From: LabHelp [LabHelp@fcc.gov]
Sent: Friday, September 17, 2004 2:59 PM
To: Valdis V. Liepa
Subject: RE: 15.515 / 15.521 Measurements

Question:
If the peak detected emissions from a device meet the RMS EIRP limits, with all Spectrum Analyzer settings identical to the requested RMS detected method except with peak detection, is that sufficient to demonstrate compliance with said limits? (Since the peak detected values will always be greater than the RMS detected values for every bin of the spectrum analyzer output.)

Our Spectrum Analyzer does not have the built in RMS detector function and, so long as the device meets the EIRP limits with a peak detector, we prefer not to use the alternative method for determining RMS values as it is an exceptionally long and complicated test.

Answer:
Yes, you can use a peak detector. Use of a peak detector is sufficient to demonstrate compliance with the RMS limits.