

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

for Siemens Transmitter FCC ID: M3N5WY783X IC: 267F-5WY783X

# **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



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### **CHANGES MADE**

The current Transmitter was modified in comparison to the original application as listed below:

RF capacitors were changed in the circuit to improve oscillator stability. A list of modifications are as follows.

C400 from 4.3 pF to 2.7 pF

C401 from 22 pF to 10 pF

C402 from 56 pF to 3.3 pF

C405 from 0.5 pF to 2.0 pF



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## REQUEST FOR CONFIDENTIALITY

Pursuant to 47 CRF 0.457(d) and 0.459, Siemens requests that a part of the subject application be held confidential.

Type of Confidentiality Requested		Exhibit	
Short Term	Permanent	(1)	ID Label & Location
☐ Short Term	Permanent	(3)	External Photos
Short Term	Permanent	(4)	Block Diagram
☐ Short Term	Permanent	(5)	Schematics
Short Term	Permanent	(7)	Test Setup Photos
☐ Short Term	Permanent	(8)	User's Manual
Short Term	Permanent	(9)	Internal Photos
☐ Short Term	Permanent	(10)	Parts List & Placement
Short Term	Permanent	(11)	RF Exposure
☐ Short Term	Permanent	(12)	Description of Operation

Siemens 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.

#### **Permanent Confidentiality:**

Siemens requests the exhibits listed above as permanently confidential be permanently withheld from public review.

### **Short-Term Confidentiality:**

Siemens requests the exhibits selected above as short term confidential be withheld from public view for a period of 45 days from the date of the Grant of Equipment Authorization and prior to marketing.

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

Vald? V. Lipa



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April 30, 2007

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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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#### GENERAL PRODUCT INFORMATION

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

Siemens VDO Automotive 4685 Investment Drive Troy, MI 48098 Contact: Shawn Li shawn.li@siemens.com Tel: (248) 764-6712 Fax: (248) 764-7226

It will be manufactured by:

Siemens VDO Automotive 4685 Investment Drive Troy, MI 48098 Contact: Shawn Li shawn.li@siemens.com Tel: (248) 764-6712 Fax: (248) 764-7226

Canadian Contact:

Siemens Automotive Ltd. 2775 St. Etienne Boulevard Windsor ,ON N8W 5B1

Contact: Kurt Van Drus Kurt.vandrus@siemens.com Tel: (519) 974-5400 Fax:(519) 974-5401 Attn: Director of Certification

### **Authority to Act as Agent**

I appoint <u>Valdis V. Liepa</u>, <u>University of Michigan</u> to act as our agent in the preparation of this application for equipment certification. I certify that submitted documents properly describe the device or system for which equipment certification is sought. I also certify that each unit manufactured, imported or marketed, as defined in Industry Canada's regulations will have affixed to it a label identical to that submitted for approval with this application.

For instances where our authorized agent signs the application for certification on our behalf, I

acknowledge that all responsibility for complying with the terms and conditions for Certification, as specified by American TCB, still resides with \_\_\_\_(applicant name and address) Dated this 30th day of August ,2004 . Agency Agreement Expiration Date: (Typically 8-12 months) By: Bruce Wrenbeck (Print name) Title: V.P., Body & Chassis email: bruce.wrenbeck@siemens.com By: Tejas Desai
(Print name)

Development Manager Title: email: teias.desai@siemens.com On behalf of: Siemens VDO Automotive Corporation (Company Name) Telephone: +1 (248) 764-6721

American TCB 6731 Whittier Ave. McLean, VA 22101

## Acknowledgement of IC Listing Requirements

By signing this document, we acknowledge that any information specified on the ATCB <u>Application and Agreement Form for Industry Canada Certification Services</u> provided with this application may be provided to Industry Canada. We acknowledge that this information may be posted in the Radio Equipment List (REL) on the Department's Web Site. Additionally, we understand that we must inform ATCB of any changes to the information submitted.

We further acknowledge that the Certified product shall not be distributed, leased, or offered for sale in Canada prior to its listing on the Industry Canada Radio Equipment List (REL). We are aware that we may verify the status of this listing at the following web address:

http://strategis.ic.gc.ca/cgi-bin/sc mrksv/spectrum/reltelSearch/search.pl?lang=e&db=rel

Dated this	day of	August	, <u>2004</u> .	
Ву:	Signature)		Bruce Wrenbeck (Print name)	
Title:	V.P., Body & Chassis			
email:	bruce.wrenbeck@siemens	s.com		
Ву:	(Signature)		<u>Tejas Desai</u> (Print name)	-
Title:	Wireless Product D	levely ment	Meneger	
email:	tejas.desai@siemens.cor			
On behalf of:	Siemens VDO Automotivo (Company Name)	e Corporation		
Telephone:	+1 (248) 764-6721		•	