



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
for TRW Transmitter
FCC ID: GQ4-32T
IC: 1470A-13T

CHANGES MADE

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

There have been minor changes to the above new Models. The supplier for the LF transponder coil (L2) has changed from Coil Craft to Toko, and the value of new coil has changed from 4.9 mH to 4.77 mH. The supplier for crystal oscillator (Y1) has changed from Hong Kong Crystal to NDK. Because of the crystal oscillator source change, the values on the crystal matching capacitors (C5, C6, C10 and C11) were changed to accommodate. There was also minimal artwork change to fit the smaller size coil and crystal.



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/>

September 29, 2008

Re: Class II Permissive Change
for TRW Transmitter
FCC ID: GQ4-32T
IC: 1470A-13T

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 that reads 'Valdis V. Liepa'.

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: Class II Permissive Change
for TRW Transmitter
FCC ID: GQ4-32T
IC: 1470A-13T

GENERAL PRODUCT INFORMATION

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

TRW Inc.
24175 Research Drive
Farmington Hills, MI 48335-2642
Contact: Vasudhaa Chalasani
vasudhaa.chalasani@trw.com
Tel: 248.426.5725
Fax: 248.478.7241

It will be manufactured by:

TRW Automotive Electronics
2240 Cranbrook Drive
Auburn, New York, 13021

Contact: Vasudhaa Chalasani
vasudhaa.chalasani@trw.com
Tel: 248.426.5725
Fax: 248.478.7241

Canadian Contact:

TRW Canada Limited
16643 Highway 12
Midland, Ontario, Canada L4R4L5
Contact: Bob Millett
Danny.Logsdon@trw.com
Tel: 705.526.8791 x4103
Fax: 705.527.6232



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
for TRW Transmitter
FCC ID: GQ4-32T
IC: 1470A-13T

POWER OF ATTORNEY

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