



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/>

December 2, 2007

Re: Certification for Wanco Field Disturbance Sensor  
Model/PN(s): WRDR-E  
FCC ID: UQXWRDR192  
IC: 6809A-WRDR192

REQUEST FOR MODULAR APPROVAL

The Doppler radar module used in this device has its own RF shielding, and does not accept modulation or data inputs. This device is internally regulated and the patch array antenna is a permanent component of the RF module. The WRDR has been tested in a stand-alone configuration and demonstrated both power mains and radiated emissions compliance with the FCC part 15 regulations.

It is our understanding that meeting these requirements qualifies the above device for modular approval. We request that this application be processed accordingly.

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](mailto:liepa@umich.edu).

Sincerely,

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

Valdis V. Liepa, Research Scientist  
University of Michigan