

**Information about the Applicant**

<b>Company Name</b>	Itronix Corporation
<b>Grantee</b>	Richard Sargent
<b>Address</b>	12825 E. Mirabeau Parkway
<b>City, State, Zip</b>	Spokane Valley, WA 99216
<b>Job Number</b>	SPTE0016
<b>Model</b>	IX600-IWL
<b>FCC ID</b>	KBCIX600-IWL
<b>Agent</b>	Rod Munro
<b>Approval Type</b>	Class II Permissive Change
<b>Equipment Class</b>	See Forms
<b>Rule Part</b>	See Forms

**Industry Canada Information**

<b>Model</b>	
<b>Industry Canada ID</b>	
<b>Rule Part</b>	

**Overview**

See letter provided by client

**Recommendation**

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

**Signature**


3/20/2006

Dean Ghizzone, TCB Committee

<b>Findings</b>	
<b>Specification</b>	<b>Finding</b>
<b>47 Cfr 15.203</b>	Antenna Requirements
<b>Finding</b>	The necessary information was not found.
<b>Resolution</b>	Information has been provided that demonstrates the equipment is only for professional installation, therefore meeting the requirements of 15.203

<b>Opinions</b>	
<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(3)</b>	Installation guide, operating instructions, user manual
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 cfr 2.1033(b)(6)</b>	Test Report
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(6)</b>	Conversions showing how the test results were achieved
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(7)</b>	Internal photos
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Internal Photos.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>Required Exhibit</b>	Test Setup Photo Exhibit
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Set up Photos.pdf

Specification Requirements	Description
<b>47 Cfr 1.1307(b),2.1091,2.1093</b>	RF Exposure Hazzard
<b>Opinion</b>	The RF Exposure exhibit does not meet the specified requirement.
<b>Discussion</b>	<p>1) The MPE estimates you provided, state a duty cycle of 1/8. I believe that is true for a standard voice GSM product, the information I have readily available suggests a duty cycle considerable higher for the GSM/GPRS module with integrated EDGE technology. Please provide documentation to support the 1/8 duty cycle.</p> <p>2) The RF exposure exhibit states:</p> <p>If source based time averaging is considered, the power density at 20 cm can be further reduced [per 2.1091(d)(2)]. The EUT is a GSM radio so the time-averaged power density is actually 4/8 the value of the un-modulated carrier. With source-based time averaged applied the power density becomes 0.492 mW/cm<sup>2</sup>.</p> <p>I believe you meant the 0.492 to be the "Ratio of Power Density to the Exposure Limit" not the actual power density?</p> <p>The applicant has provided updated RF exposure exhibits correcting the problem.</p>
<b>Reference</b>	MPE Estimates.pdf

Specification Requirements	Description
<b>47 Cfr 15.19</b>	Labeling
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf, Label.pdf

Specification Requirements	Description
<b>47 Cfr 15.21</b>	Information for user
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf

Specification Requirements	Description
<b>47 Cfr 15.33</b>	Frequency range of tests
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report.pdf

Specification Requirements	Description
47 Cfr 15.35	Measurement detectors
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report.pdf

Specification Requirements	Description
ANSI C63.4 EUT Ports	All EUT ports populated,emissions maximized,Antenna height adjusted
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report.pdf

Specification Requirements	Description
47 Cfr 15.203	Antenna Requirements
Opinion	The device does not meet the requirements of the rule.
Discussion	<p>Section 15.203 Antenna requirement. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section.</p> <p>Information has been provided that demonstrates the equipment is only for professional installation, therefore meeting the requirements of 15.203</p>
Reference	Antenna Info.pdf

Specification Requirements	Description
47 Cfr 15.205	Restricted bands
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report.pdf

Specification Requirements	Description
47 Cfr 15.209	Spurious Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report.pdf

Specification Requirements	Description
<b>47 Cfr 15.247(d)</b>	Band Edge Compliance
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report.pdf

Specification Requirements	Description
<b>47 Cfr 15.247(d)</b>	Spurious Radiated Emissions
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report.pdf

Specification Requirements	Description
<b>CB-03 6.0</b>	Labeling Requirements
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	ID Label.pdf