

Information about the Applicant

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

Industry Canada Information

| | |
|---------------------------|--|
| Model | |
| Industry Canada ID | |
| Rule Part | |

Overview

See Grantee provided cover letter.

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

| Opinions | |
|-----------------------------------|--|
| Specification Requirements | Description |
| 47 Cfr 2.1033(c)(11) | Internal photos |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Internal Photos.pdf, |

| Specification Requirements | Description |
|-----------------------------------|---|
| 47 Cfr | RF Exposure Limits |
| Opinion | The RF Exposure exhibit does not meet the specified requirement. |
| Discussion | <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/cm².</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 addressing the problem.</p> |
| Reference | MPE Estimates.pdf |

| Specification Requirements | Description |
|-----------------------------------|--|
| CB-03 6.0 | Labelling Requirements |
| Opinion | The device meets the requirements of the rule. |
| Discussion | The client has provided the necessary exhibit. |
| Reference | Label and Location.pdf |