

Information about the Applicant

Company Name	Itronix Corporation
Grantee	Richard Sargent
Address	12825 E. Mirabeau Parkway
City, State, Zip	Spokane Valley, WA 99216
Job Number	SPTE0016
Model	IX600-BT
FCC ID	KBCIX600-BT
Agent	Rod Munro
Approval Type	Class II Permissive Change
Equipment Class	DSS - Part 15 Spread Spectrum Transmitter
Rule Part	15.247

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	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. 2) The RF exposure exhibit states: 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. I believe you meant the 0.492 to be the "Ratio of Power Density to the Exposure Limit" not the actual power density? The applicant has provided updated RF exposure exhibits addressing the problem.
Reference	MPE Estimates.pdf

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