

Information about the Applicant	
Company Name	WirelessWERX Incorporated
Grantee	Patrick Mooney
Address	100 Chaparral Court Suite 260
City, State, Zip	Anaheim, CA 92808
Job Number	7lay0030
Model	TrakLITE C4-B
FCC ID	S8PTL-C4-B
Agent	Northwest EMC, Inc.
Approval Type	Original
Equipment Class	DTS Digital Transmission System, Part 24 Base station, Part 22 Receiver
Rule Part	Bluetooth, Part 22H, Part 24E

Overview

WirelessWERX's TrakLITE C4-B, FCC ID: S8PTL-C4-B. It is a mobile, composite device containing a GSM/GPRS modem, Bluetooth transceiver, and a GPS receiver.

Recommendation

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

Signature

6/29/2005

Dave Tolman, TCB Committee

Findings

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

Specification Requirements	Description
47 Cfr 2.1033(b)(4)	Operational description
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Operational Description CONFIDENTIAL.pdf, Operational Description - Bluetooth CONFIDENTIAL.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(5)	Frequency block diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Frequency Block Diagram.pdf, Schematics.pdf, Schematic - Bluetooth.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(5)	Schematic diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Frequency Block Diagram.pdf, Schematics.pdf, Schematic - Bluetooth.pdf

Specification Requirements	Description
47 cfr 2.1033(b)(6)	Test Report
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(6)	Conversions showing how the test results were achieved
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

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

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

Specification Requirements	Description
47 Cfr 2.1033(C)(8)	DC Voltages and Current
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 2.1033(c)(9)	Tune-up procedure
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Tune-up procedure CONFIDENTIAL.pdf

Specification Requirements	Description
47 Cfr 2.1033(C)(10)	Schematic diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Schematics.pdf

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

Specification Requirements	Description
Required Exhibit	Test setup photos
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	7LAY0030 Test setup photos.pdf, 7LAY0030.1 Test setup photos.pdf

Specification Requirements	Description
47 Cfr 1.1307(b),2.1091,2.1093	RF Exposure Hazzard
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	RF Exposure.pdf

Specification Requirements	Description
47 Cfr 15.19	Labeling
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Users Manual.pdf, FCC ID Label.pdf

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

Specification Requirements	Description
47 Cfr 15.27	Special accessories
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.33	Frequency range of tests
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.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-7lay0030 Rev 01.pdf, Report-7lay0030.1.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-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.203	Antenna Requirements
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.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-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.207	Power line Conducted emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.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-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
BLUETOOTH FCC Procedure 2-15-02	Bluetooth Common Items
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 cfr 15.247	Operation within specified bands
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(a)	Occupied Bandwidth
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(b)	Output Power
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(d)	Band Edge Compliance
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(d)	Spurious Conducted Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(d)	Spurious Radiated Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf

Specification Requirements	Description
47 Cfr 15.247(e)	Power Spectral Density
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-7lay0030 Rev 01.pdf, Report-7lay0030.1.pdf