

Information about the Applicant

Company Name	Visteon Corporation
Grantee	Ron Schuchard
Address	One Village Center Drive
City, State, Zip	Van Beren Township, MI 48111
Job Number	vist0001
Model	VMVL3.1a
FCC ID	NT807NBTHFA
Agent	Northwest EMC, Inc.
Approval Type	Original
Equipment Class	DTS Digital Transmission System
Rule Part	Bluetooth

Industry Canada Information

Model	VMVL3.1a
Industry Canada ID	3043A-07NBTHFA
Rule Part	RSS210

Overview

This application is for original grant. Model VMVL3.1a is a transmitter which operates in the 2400 – 2483.5 MHz band with a conducted peak output power of 1.58 mW. It is a Bluetooth radio used for wireless voice link in automotive applications.

Visteon Corporation is seeking approval under FCC 15.247. The EUT can operate with only one antenna as described in this application.

Recommendation

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

Signature

7/18/2006

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	VMVL3_1a - 13 Users Manual_1.pdf,VMVL3_1a - 13 Users Manual_2.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	VMVL3_1a - 12_Operational Description.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	VMVL3_1a - 8_Frequency Block Diagram_B.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	VMVL3_1a - 7_Schematic.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-vist0001.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-vist0001.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 photos do not show the ID's but the labeling sketch shows size and placement and a sample label was provided.
Reference	Internal Photos.pdf, External Photos.pdf

Specification Requirements	Description
Required Exhibit	Test Setup Photo Exhibit
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	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 Exhibit.pdf

Specification Requirements	Description
47 Cfr 15.19	Labeling
Opinion	The device meets the requirements of the rule.
Discussion	The device is installed in not user accessible locations, so the warning statements have been entered into the user manual.
Reference	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	VMVL3_1a - 13_Users Manual_1.pdf,VMVL3_1a - 13_Users Manual_2.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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	VMVL3_1a - 9_Antenna Info_A.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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-vist0001.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	Report-vist0001.pdf

Specification Requirements	Description
RSS210 RSS310	Spurious Emissions Requirements
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-vist0001.pdf

Specification Requirements	Description
Emission Designation	Emission Designation
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-vist0001.pdf

Specification Requirements	Description
Modulation Type	Modulation type
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-vist0001.pdf