

EP04

CKC Certification Services

Evaluation/Application Report

**For Application:
E10-000042-FCC**

Date of Report: June 07, 2010
Report Number: EV10-042

Written by:
Randal Clark

Reviewed and Approved by:

Name	Title	Signature
MarDell Kendall	President	*

*PDF copy with approval signatures on file in QA.

Revision History

7/2/03	Rev 0	Original Release
10/24/03	Rev 1	Created word template from original form. Added new section 3 Restructured document layout and required fields for new section. Added standard text for conclusion section.
3/23/04	Rev2	Restructured document to accommodate Industry Canada requirements. Formatted document into a template format. All future revision tracking will be logged in the Visual Basic Editor Notes.
12/3/04	Rev 3	History is located in the “AutoNew” module notes
1/10/04	Rev 4	Refer to AutoNew module notes for revision history.
5/17/05	Rev 5	Refer to AutoNew module notes for revision history.
2/10/06	Rev 6	Refer to AutoNew module notes for revision history.
4/11/06	Rev 7	Refer to AutoNew module notes for revision history.
2/13/07	Rev 8	Refer to AutoNew module notes for revision history.
6/23/07	Rev 9	Refer to AutoNew module notes for revision history.
5/9/08	Rev 10	Refer to AutoNew module notes for revision history.
8/7/08	Rev 11	Refer to AutoNew module notes for revision history.

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1 Administrative Summary

Report Issued By:	CKC Certification Services 4933 Sierra Pines Dr. Mariposa, CA 95338 Phone: (209) 742-2378 Fax: (866) 779-9776 International Fax: +1 858-300-5341
Applicant Information:	Vector Wireless P.O. Box 5931 Santa Clara, CA 95056 USA Phone: 619-647-3654 Fax: 408-295-5190
Description of Services:	Evaluation of Proximity Reader using RFID for pet food feeder for equipment authorization according to the applicable rules as defined by the services requested.
Evaluation Procedure Documents:	TCB03 TCB35
Certification Numbers	FCC ID: YFT00001 IC: iDA: EU:
WO Number:	90863

2 List of CKC CS Personnel Involved with Application

It is CKC Certification Services policy that each decision on certification is taken by a person(s) different from those who carried out the evaluation. No person acting as an agent or technical or non-technical contact (i.e. as listed on the 731 Form) shall perform any certification functions. Refer also to procedures ***TCB04 Section 3 (Certification Committee Operating Procedures)***

Any person employed by CKC Certification Services or by CKC Laboratories who performs functions for CKC Certification Services who has a direct involvement with the applicant, such as a person acting as an agent for the applicant or a person who has performed testing for this application is exempt from the certification decision and must have their name listed below. Persons performing multiple functions need only be listed once. Note: Evaluation may be performed by persons involved with other functions, however certification decision may not.

2.1 Exempted Persons

Function	Name	Comments
Non-Technical Contact	Bruce Smith	Atlas Compliance
Technical Contact	Bruce Smith	Atlas Compliance
Agent	Bruce Smith	Atlas Compliance
Test Engineer	Bruce Smith	Atlas Compliance
Consultant		
Other		

2.2 Reviewers and Decision Makers

All persons responsible for this application and their role within the evaluation are to be listed.

Function	Name	Comments
Admin Evaluator(s)	Jessina Hunter	
Technical Evaluator(s)	Randal Clark	Person(s) issuing recommendataion
Certifier(s)	Chuck Kendall	Person(s) issuing certification decision

3 Conclusions / Recommendations

3.1 US Radio Equipment Authorization

Results of evaluation for Certification pursuant to the procedures outlined in 47 CFR Part 2 for a Grant of Equipment Authorization to be issued by CKC Certification Services as a TCB acting under the authority of the Federal Communications Commission:

Approval:

The review of this application and all the exhibits it contains demonstrate compliance to the applicable regulations set forth by the FCC for a grant of equipment authorization. It is my recommendation that this application be approved.

4 US Application for Radio Equipment Authorization

4.1 Application Checklist

Description	OK	NA	Notes
Has the General Checklist been used and does it comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the Technical Checklist been used and does it comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has RF Exposure Evaluation been performed (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Grant Line entries verified and listed below?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Grant Notes and any additional Notes to be placed on grant verified and listed below	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Evaluation Completed and correct	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Notes Section (Not to be included with 731 Filing):

Administrative Notes:	
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4.2 Application Information

<i>CKC CS FRN:</i>	0005044755		
<i>Applicant FRN:</i>	0019852599		
<i>FCC ID:</i>	YFT00001 (Grantee Code + Product Code)		
<i>Grantee Code:</i>	YFT		
<i>Product Code</i>	00001		
<i>TCB Confirmation Number</i>			
<i>Modular Approval:</i>	NO	Modular Type	<input type="checkbox"/> Single <input type="checkbox"/> Single Limited
<i>Defer Grant:</i>	NO	Date to Defer:	
<i>Application Purpose:</i>	Original Equipment	Original Grant Date	(PC II only)
<i>Waiver?:</i>	No		
<i>Waiver approved</i>	No		
<i>Product Description:</i>	Proximity Reader using RFID for pet food feeder		

Enter information for first equipment class

<i>Composite Device:</i>	NO	Reference FCC ID(s):	
	<input type="checkbox"/> Multiple transmitters is the same device		
	<input type="checkbox"/> Part of a system or marketed with		
<i>Equipment Scope:</i>	A1		
<i>Equipment Class:</i>	DCD		
<i>KDB Number:</i>			

Additional Grant Comments (Form 731 Section I)

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Section II Entries

<i>Additional Comments</i>	<i>FCC Rule Part</i>	<i>Frequency Range (MHz)</i>	<i>Output Power (Watts)</i>	<i>Frequency Tolerance</i>	<i>Emissions Designator</i>	<i>Microprocessor</i>
	15C	0.125-0.125				

('na' or blank indicates not required or needed)

Exhibit Confidentiality Checklist

Check boxes in **BLACK** for permanent confidentiality

Check boxes in **GREY** for temporary confidentiality

Note both permanent and temporary may not be selected simultaneously

Permanent Confidentiality

Perm	Temp	Temp Release Date	Exhibits to be marked Confidential
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Block Diagram
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Operational Description / Theory of operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Parts List / BOM
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Schematics
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Tune Up Procedure
The following must be accompanied by proper justification in order to be held permanently confidential			
<input type="checkbox"/>	<input type="checkbox"/>		Internal Photos
<input type="checkbox"/>	<input type="checkbox"/>		External Photos
<input type="checkbox"/>	<input type="checkbox"/>		Users manual
The following exhibits are not available for permanent confidentiality			
	<input checked="" type="checkbox"/>		Test Setup Photos
Other Items require proper justification			
<input type="checkbox"/>		N/A	(list items)

CKC CS Notes:

1. Other than items indicated above, **no other items** may be held temporarily confidential.
2. Applications under multiple scopes and or multiple equipment classes may require multiple form 731 filings (e.g. multiple grants for the same device).

Scope List:

- A1 - Low power transmitters on frequencies below 1 GHz (with the exception of spread spectrum devices), emergency alert systems, unintentional radiators (e.g., personal computers and associated peripherals and TV interface devices) and consumer ISM devices subject to certification (e.g., microwave ovens, RF lighting and other consumer ISM devices). Parts 11, 15B, 15C, 15F and 18
- A2 - Radar Detectors, low power transmitters operating on frequencies above 1 GHz, (with the exception of spread spectrum). Parts 15B, 15C, 15F and 18
- A3 - Unlicensed Personal Communication Systems (PCS) devices. Part 15D only
- A4 - Unlicensed National Information Infrastructure (UNII) devices and low power transmitters using Spread Spectrum techniques. Part 15C and 15E
- B1 - Personal Mobile Radio Services in 47 CFR parts 22 (cellular), 24, 25, and 27.
- B2 - General Mobile Radio Services in 47 CFR Parts 22 (non-cellular), 73, 74, 90, 95, and 97.
- B3 - Maritime and Aviation Radio Services in 47 CFR parts 80 and 87
- B4 - Microwave Radio Services in 47 CFR Parts 27, 74, and 101

Appendix A

Non-Conformities for US Radio Equipment Authorization

Non-Conformities FCC ID: YFT00001 (CKC CS Ref # E10-000042-FCC-01)

The items listed below represent requests for information following review of this application for certification under United States (FCC) regulations. Further question may arise pending review of responses to these items.

OK	ID	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
x	C	1	<p>The Request for Confidentiality Includes "All Photos" to be held Permanently Confidential. Per a recent decision by the FCC All Requests for Internal Photos to be held permanently Confidential must be reviewed and approved by the FCC before Filing. External Photos, Test Reports and Test Setup Photos Cannot be held Permanently Confidential. Additionally, any items marked as confidential but included in another item not marked confidential will still be publicly accessible. We encourage all applicants to carefully review application materials to ensure no items are unintentionally open for public inspection (eg, Users manuals, test reports, ID Label exhibits, etc.).</p> <p>It is the opinion of CKC CS that a request for permanent confidentiality for any of the provided photos exhibits would not be accepted by the FCC because the product will be commercially available to the general public; in this case any individual who purchases the product could open it up and view the internal components. Nevertheless, should you request an FCC review for confidentiality, we'll submit a letter for their determination. If this is desired, we strongly encourage you to provide adequate justification as to why you feel all photos should be held confidential.</p> <p>Should you wish to request Temporary Confidentiality for internal photos, external photos and test setup photos, a Temporary Confidentiality Letter is required to be submitted. The maximum</p>	Updated confidentiality letter submitted	Bruce Smith 6/10/10

			time for temporary confidentiality is up to 180 days or the date of marketing, whichever comes first.		
x	C	2	There is not a General Agreement on file for the company Vector Wireless. Please provide a Signed Copy of the General Agreement. This must be signed by the FCC Grantee Point of Contact (PoC) Steve Whelan.	GA Provided.	Bruce Smith 6/10/10
x	C	3	A copy of the Authorization Letter from Vector Wireless's PoC on file with the FCC (Steve Whelan) that gives permission to Bruce Smith of Atlas Distributing to file on behalf of Vector Wireless is needed to be provided (aka a power of attorney letter)	Letter Provided.	Bruce Smith 6/10/10
x	C	4	The confidentiality letter uses the FCC ID FRN00001, however the first three letters are the grantee code which for this applicant is YFT. Please modify the cover letter to reference the correct FCC ID.	Updated letter provided.	Bruce Smith 6/10/10
x	A	5	The Internal photos provided are not quite complete. There are several more photos as listed in the test report. Please provide these additional photos separately. [We have to pigeon-hole all these exhibits]	Additional Photos provided.	Bruce Smith 6/10/10
x	C	6	The FCC ID label is missing the colon following the term FCC ID. Please modify the label in accordance with FCC Part 2.925; FCC ID: YFT00001	Updated label provided.	Bruce Smith 6/10/10
x	TL	7	The test report does not include 15.31(e) voltage variations information. Please provide information regarding power output under voltage variations.	Updated test report provided.	Bruce Smith 6/10/10
x	TL	8	There are more test setup photos in the test report than provided in the application materials. The test report is locked so we cannot extract these pages. Can you please extract them so that we can provide a complete set of setup photos in the required pigeon-hole.	Additional photos provided	Bruce Smith 6/10/10
x	TL	9	The Test report is missing information on Occupied bandwidth in accordance with 15.215.	OBW Plot provided	Bruce Smith 6/14/10

The items indicated above must be submitted before processing can continue on the referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106.

How to read the table:

OK column indicates closure by CKC CS.

ID column is for use with Agents to assist in identifying the probable source for closure.

A – Application issue

TL – Test lab issue

C – Client issue

R – Retesting may be necessary

column indicates unique or separate non-conformity items (note some items may be related).

Non-Conformity or Comment column indicates the evaluators specific question or comment.

Submitted response column indicates the response or a summary of the response provided.

Respondent / Date of Response column indicates the responding party or agent and the date of the response was either received or logged.

---CKC CS SECTION--- ---Information below this line is for CKC CS Evaluators only---

CKCCS Note: Additions to non-conformities may be listed in a separate table for convenience. When separated, the non-conformity reference serial number (NN) is incremented using in the following format reference # E10-000042-FCC-NN.

Appendix Z

Record of complaints regarding this application

Regulatory Agency Non-Conformities (Ref # E10-000042-FCC-REG)

List all correspondence from and responses to all agencies in this section. All correspondence must be recorded for monitoring purposes. If necessary, separate tables may be used to identify different agency's correspondence.

Agency	
App#	E10-000042-FCC
Date Opened	
Date Closed	

OK	#	Corr. #	Non-Conformity or Comment	Corr. Date	Submitted Response	Resp. Date
	1					
	2					
	3					
	4					
	5					
	6					

Customer / External Complaints (Ref # E10-000042-FCC-COMP)

List all correspondence from and responses to all external customers or customer complaints in this section. All correspondence must be recorded for monitoring purposes. If necessary, separate tables may be used to identify different parties.

Party	
App#	E10-000042-FCC
Date Opened	
Date Closed	

OK	#	Corr. Date	Non-Conformity or Comment	Corr. Date	Submitted Response	Resp. Date
	1					
	2					
	3					
	4					
	5					
	6					