

Information about the Applicant

Company Name	GE Security, Inc.
Grantee	GE Security, Inc.
Address	12345 SW Leveton Drive
City, State, Zip	Tualatin, OR 97062
Job Number	ILGX0255
Model	RCR-01
FCC ID	CGGAA2
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Class	DXX Part 15, Low Power Communication Device Transmitter
Rule Part	15.249

Overview

The RCR-01 uses doppler radar with an 8-foot range as a motion detector to detect intrusion in an aircraft wheel well while the aircraft is parked. It does not operate during flight. The RCR-01 is a slight variation on the existing series of products. The explanation of those changes has been provided in a letter from the applicant.

Recommendation

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

Signature

1/3/2005

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	User 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.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	Block Diagram.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(6)	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(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

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	Schematics.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	Report_ILGX0255.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	User Manual.pdf, 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	User Manual.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_ILGX0255.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_ILGX0255.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_ILGX0255.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_ILGX0255.pdf

Specification Requirements	Description
47 Cfr 15.207	Power line Conducted emissions
Opinion	The device meets the requirements of the rule.
Discussion	There is no provision for connection to the AC mains either directly or indirectly from another device.
Reference	Report_ILGX0255.pdf

Specification Requirements	Description
47 Cfr 15.249	Field Strength of Fundamental
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report_ILGX0255.pdf

Specification Requirements	Description
47 Cfr 15.249	Field Strength of Spurious Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report_ILGX0255.pdf