

Information about the Applicant

Grantee (Company Name)	Quatech Inc
FCC Contact Person	Steven Runkel
Address	5675 Hudson Industrial Parkway
City, State, Zip	Hudson, Ohio 44236
Job Number	QUAT0001
Model	WLRG-RA-DP101
FCC ID	F4AWLNG1
Approval Type	Class II Permissive Change
Equipment Class	DTS Digital Transmission System
Rule Part	15C

Overview

Class II permissive change to authorize 2 additional antennas for previously authorized radio FCC ID:F4AWLNG1. MPE estimates have been submitted to show compliance with RF exposure requirements.

Recommendation

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

Signature

Dave Tolman, TCB Committee
1/27/2009

Findings

Opinions	
Specification Requirements	Description
47 cfr 2.925	FCC Identifier
Opinion	The device meets the requirements of the rule.
Discussion	Previously certified.
Reference	F4AWLNG1 Grant

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 Airborne WLRG-RA-DP101 802.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(5)	Frequency block diagram and Schematic diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	User Manual Airborne WLRG-RA-DP101 802.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-QUAT0001 Rev 02.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-QUAT0001 Rev 02.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 Report-QUAT0001.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 Antenex.pdf, RF Exposure Laird.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 Airborne WLRG-RA-DP101 802.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 Airborne WLRG-RA-DP101 802.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-QUAT0001 Rev 2.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-QUAT0001 Rev 2.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-QUAT0001 Rev 2.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	Antenna Info - Omni.pdf, Antenna Info - PCB Trace.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-QUAT0001 Rev 02.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 for power output setting of 15.
Reference	Report-QUAT0001 Rev 02.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-QUAT0001 Rev 02.pdf

Specification Requirements	Description
47 Cfr 15.247(i)	RF Exposure Requirements
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	RF Exposure Antenex.pdf, RF Exposure Laird.pdf