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Compliance Certification Services
47174 Benicia Street
Fremont, CA 94538

Attn: Mr. Mike Kuo

Dear Mike,

This letter and the accompanying test report and documents are in application for FCC Certification of a series of Digital Television transmitters to be operated under the requirements of FCC Part 27.53 (f).

Three models of the UAX outside enclosure Mobile DVF series of transmitters are included in this application, with power output ratings from 1000 watts to 2000 watts, before the output filter. All models use the identical sub-assemblies, with the only significant difference between them being the number of output amplifier modules used to produce the required power. The Harris Maxiva Models UAX2000FLS Outdoor System, UAX2000FLD Outdoor System, and UAX1000FLS Outdoor System are transmitters with rated output powers of, 2000W, and 1000W respectively, for operation in the 716-722 MHz band as authorized under FCC 47CFR27. Operation is on a single channel with center frequency of 719 MHz with Emission Designator 6M00W7W

The UAX outside enclosure Mobile DVF series of transmitters are an advanced modular design, using the same components and assemblies in a building-block approach to create transmitters with output power ratings from 1000 watts to 2000 watts at the cabinet output connection. The number of PA (Power Amplifier) modules used is governed by the power output of each model. 2 PA modules are used in the UAX-DVF1000 transmitter, 4 modules in the UAX-DVF2000, The 3 specific models are listed below.

- UAX2000FLS Outdoor System -2Kw RF Power Level with Single Exciter
- UAX2000FLD Outdoor System - 2Kw RF Power Level with Dual Exciters and Transmitter Control Unit
- UAX1000FLS Outdoor System- 1Kw RF Power Level with Single Exciter.

A single outdoor cabinet houses all models

Photos in the test report give details of the various parts of the transmitter.

These data are submitted in support of the application for FCC authorization of these four models of the UAX outside enclosure Mobile product, under the required Certification method. We respectfully request these products be certified.

Yours sincerely,

Carl B Williams
Systems Engineer
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