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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 indoor Mobile DVF series of transmitters are included in this application, with power output ratings from 500 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 Indoor System, UAX2000FLD Indoor System, UAX1000FLS Indoor System and UAX1000FLD Indoor System, and UAX500FLS Indoor System, UAX500FLD Indoor System are transmitters with rated output powers of, 2000W, 1000W and 500W 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 Indoor 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 500 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. 1 PA module are used in the UAX500, 2 PA modules are used in the UAX1000 transmitter, and 4 modules in the UAX2000, The 3 specific models are listed below.

- UAX2000FLS Indoor System -2Kw RF Power Level with Single Exciter
- UAX2000FLD Indoor System - 2Kw RF Power Level with Dual Exciters and Transmitter Control Unit
- UAX1000FLS Indoor System- 1Kw RF Power Level with Single Exciter.
- UAX1000FLD Indoor System- 1Kw RF Power Level with Dual Exciters and Transmitter Control Unit
- UAX500FLS Indoor System- 500w RF Power Level with Single Exciter.
- UAX500FLD Indoor System- 500w RF Power Level with Dual Exciters and Transmitter Control Unit

A single indoor 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,

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Systems Engineer
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