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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 ATLAS Mobile DVF series of transmitters are included in this application, with power output ratings from 900 watts to 3400 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 ATLAS 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 900 watts to 3400 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 DVF900 transmitter, 4 modules in the 1700 watt DVF1700 and 8 modules in the 3400 watt DVF3400.

A single cabinet houses all models up to and including the DVF3400. Larger transmitters are intended using multiple cabinets, and these will be the subject of future applications for Certification.

Our test report intends to show that however many PA modules are used, the performance of the transmitter is well within the limits imposed by Part 27.53 (f). Tests were conducted on a single 3400 watt model, the DVF3400.

A front and rear photo on page 8 of 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 three models of the ATLAS Mobile product, under the required Certification method. We respectfully request these products be certified.

Yours sincerely,

Karl Black
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