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This letter and the accompanying documents are for FCC Certification of a series of Digital Television transmitters to be operated under the requirements of FCC.

2 models of the Ranger Mobile CZF series of transmitters are included in this application, with power output ratings up to 725 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 Ranger Mobile CZF 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 to 725 watts at the cabinet output connection. The number of PA (Power Amplifier) modules used is governed by the power output of each model. Two PA modules are used in the CZ725F transmitter. One PA module is used in the CZ375F transmitter

A single cabinet houses all models up to and including the CZ725F.

Tests are to be conducted on a 725 Watt model.

Yours sincerely,

A handwritten signature in dark ink, reading "Carl B Williams". The signature is fluid and cursive, with the first and last names being more prominent.

Carl B Williams
Systems Engineer
Harris Broadcast Communications
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