



DVF series Transmitter FCC Certification Application

Application for Equipment Certification

EXHIBIT C Technical Description Harris DVF Series DTV Transmitters

2.1033 (c) (4) Type or Types of emission,

6M00W7W

2.1033 (c) (5) Frequency Range

As ATLAS Mobile transmitters, the DVF series of transmitters will operate at 719 MHz, with a channel bandwidth of 6 MHz.

2.1033 (c) (6) Range of operating power

A series of transmitter models of identical design except for the power levels is submitted by this application. Operating powers will be from 900 Watts to 10,000 Watts average power.

The transmitters will operate in Single-Frequency networks with the power level of each site determined by the local conditions and the coverage needs of the network. Transmitter models will be selected by the licensee to meet those needs. The model selected for each location will be the lowest power model meeting the needs of the location.

These transmitters are provided with power regulation to hold them to the power output level setting. Power output can be changed, either by front panel adjustment, or by a remote control adjustment, as a means to maintain the desired output power.

2.1033 (c) (7) Maximum Power

For this series of transmitters, the maximum rated power is 10,000 Watts.