



## Engineering and Testing for EMC and Safety Compliance

October 19, 2001

RE: Dell-Star Technologies, Inc  
FCC ID: IOS2437

Please address the following concerns on this Application.

- 1.) The device in question is a small video transmitter used for police surveillance work. There is no language within the installation instructions to assure me this will be installed on "...outdoor permanent structures..." as your RF Exposure information implies. Please address.

The instruction manual has been modified and replaced see appendix A

- 2.) Circuit description calls out the Pout as 5 Watts. Your measurement was 4.3 Watts. Please be sure your measurements are correct on a properly tuned device.

The unit was tested with a power meter tuned at the proper frequency, the result is 5W.

- 3.) Please show unmodulated as well as modulated plots for Occupied Bandwidth.

See part 6.

- 4.) Please provide separate Modulation Characteristics of both the audio input and video input ports. This includes audio response to 15KHz, video response to 10MHz, and modulation limiting for both audio and video inputs. Please describe the method used precisely – there are no modulation analyzers made which can handle 2400MHz signals. In all likelihood an analysis based upon Bessel functions will be necessary.

See part 8 &9

- 5.) For ALL LICENSED TRANSMITTERS please provide justification for requested emission designator and necessary bandwidth.

See part 10