



Sept. 20, 2021

Federal Communications Commission  
Application Examiner / Review Engineer  
1435 Oakland Mills Road  
Columbia, MD 21046

Mobile Video Computing Solutions  
1397 Piedmont, Suite 800  
Troy, MI 48083

**Sub: Mobile Digital Video Recorder FCC Certification Application Regarding Antenna Connectors**

To The Commission,

The Mobile Digital Video Recorder (MDVR) which is the subject of this application is a device intended for use only by commercial vehicle operators (e.g. tow, waste, EMS, etc.) and is not available for sale to the general public. Our company signs a sales contract with a commercial vehicle customer and we generate a design specifically for this customer and ship the assembled kits. We arrange for our own trained installers to perform the installations on their vehicles, or, when a customer is capable, we provide documentation and training for their installers to follow specifically. We monitor their installation remotely and ensure correct performance upon completion. No component substitutions are permitted by our customers.

The MDVR which we purchase is designed and manufactured outside of the US by a major supplier which sells these devices to distributors globally for commercial vehicle applications. We benefit from this arrangement (i.e. cost and leadtime) due to using their off-the-shelf product without making any changes. This MDVR contains a 4G cellular radio and a GPS radio and can be purchased with an optional 802.11 WiFi radio (not used in this particular application), all of which require the use of externally-mounted antennas on the commercial vehicle. All three of these external connectors are standard SMA connectors and the antennas which our manufacturer has specifically selected for compatibility with the MDVR also use standard SMA connectors.

Once the MDVR is professionally installed in a vehicle, end users are not able to modify or change antennas installed with the system.

We understand that standard connectors are not generally permitted on FCC-certified devices, but we request that the FCC allow these connectors to be used with our devices given that we do not sell to the public or allow our trained installers to make any substitutions. If we have to make changes to the connectors on the MDVR and antennas, we will lose all of our cost and leadtime advantages by creating custom components.



The following files are electronically submitted as attachments:

- VMLS Tow Truck Installation Manual
- External Photos

Best Regards,

A handwritten signature in black ink, appearing to read "Craig Tieman". The signature is fluid and cursive, with the first name "Craig" and last name "Tieman" clearly distinguishable.

Craig Tieman  
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