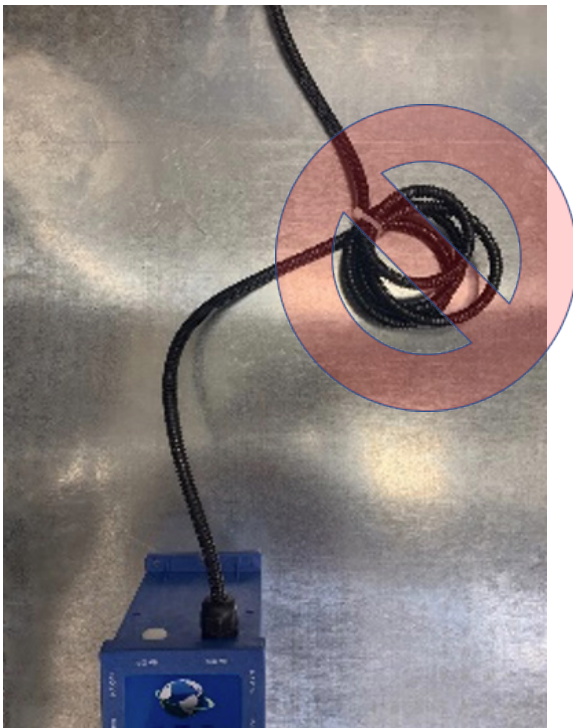


# Technical Service Bulletin

**COMPLIANCE:** ADVISORY  
**SUBJECT:** LOWER IONIZATION DUE TO COILED HIGH VOLTAGE CABLES  
**AFFECTED UNITS:** ALL GPS-IMOD™ UNITS  
**DESCRIPTION:**

The coiling or bundling of high voltage (HV) cables can cause arcing and decreased ion output from the iMod. Installations where the cable(s) are touching in multiple locations will experience reduced output and lifespan. If the HV cable(s) is similar to the below picture, action is strongly recommended.



## ACTIONS REQUIRED:

Do not cut or alter high voltage cables. Cables 15ft long can be ordered if additional length is required. Do NOT coil, bunch, or loop the cable up so that it comes in contact with itself. To reduce slack in the cable, create long sweeping "S" shapes, like switchbacks in a road. High voltage cable should be routed with soft bends only such as creating long sweeping "S" shapes. Minimum bend radius is 3". Maximum bend angle is 70 degrees. Secure the cable(s) so they will not interfere with or be damaged by equipment or personnel.

The proper routing of cabling is shown above.

