



The reviewer has requested this document detailing what prevents the end user from attaching an antenna to the receiver connection cable, and ensures that the device cannot re-transmit a 2.3 GHz SDARS signal. The following reasons are provided in detail.

- 1) The device in question is powered (5 VDC) along the output coaxial cable, and would require the end user to purchase a bias-t, adapter, and power supply to activate the module.
- 2) The connector used at the end of this device is a female SMB connector, and in addition to falling within the FCC/IC definition of a unique connector, it is the same sex as all SDARS antennas currently available in the marketplace. Thus, it could not be connected interconnected without an adaptor.
- 3) All SDARS antennas currently on the market are active (because of the very low signal level received from the SDARS satellites, amplification after cable loss is not practical) and are thus receive-only antennas, not capable of use as transmit antennas.

Thus, the user would need to build or purchase a custom built 2.3 GHz functional antenna, in addition to a bias-t and a set of adapters in order to mis-use this device. Doing so implies that the user must make modifications not expressively approved by the party responsible for compliance, thus voiding the user's authority to operate the equipment.