

#### Statement of Compliance with 15.203 Antenna Requirements:

The Impinj IPJ-REV RFID reader uses reverse-polarity TNC female connectors for its antenna ports. The reverse-polarity connector is a non-standard RF connector type. The use of these connectors prohibits connection to an RF antenna with standard RF connectors (e.g. N-type). The reader is designated for professional installation only and can use only Impinj-specified antenna and cable combinations.

The following antenna and cable combinations were utilized in FCC emissions testing:

- Cushcraft model S90289CL: 6 dBi gain
- Cushcraft model S90289CL with 20 foot RG-58 cable: 3.5 dBi composite gain
- CSL Model CS777 near-field antenna: 6 dBi gain
- Impinj Model IPJ-A0303Near-Field antenna with SMA-to-TNC cable : -20 dBi gain
- Impinj Model IPJ-A0402 dual polarization antenna: 6 dBi gain

These antennas comprise the set of antenna types that may be utilized with the reader. The full set of antennas which are certified for use with the IPJ-REV reader is printed in the User Guide.