

Railway Standards Conformity Declaration

Our TW3000 family of antennas has been tested and is conforming to the below mentioned international railway industry standards.

The Association of American Railroads (AAR)

S-9401.V1.0

Electronics Environmental Requirements and System Management

- Sinusoidal Vibration
- Random Vibration
- Mechanical Shock (optional)
- Ambient Temperature Storage (T min)
- Ambient Temperature Storage (T max)
- Temperature Cycling
- Tunnel Temperature
- Temperature Extremes (T amb)
- Temperature Extremes (T min)
- Temperature Extremes (T max)
- Rain
- Blowing Sand
- Moisture Resistance
- Blowing Dust
- Steady-State Humidity
- Contaminants
- Sunlight
- Salt Fog
- Altitude
- Conducted Susceptibility Test - Level 1
- Conducted Susceptibility Test - Level 2
- Electrostatic Discharge (ESD)

European Union

EN 61373

Railway applications - Rolling stock equipment - Shock and vibration tests

- Random Vibration
- Mechanical Shock

EN 50121

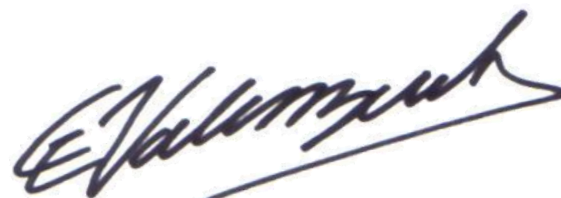
Railway applications. Electromagnetic compatibility

- Radiated Emissions
- Radiated Immunity
- Electrostatic Discharge

EN 50155

Railway applications - Rolling stock - Electronic equipment

- Visual Inspection
- Supply Variations
- Supply Interruption Test
- Cooling test
- Dry heat test
- Damp heat test, cyclic
- Supply overvoltage
- Surges
- Electrostatic discharge
- Transient burst susceptibility
- Radio interference test
- Insulation test
- Salt mist test
- Vibration
- Shock
- Watertightness
- Equipment stress
- Low temperature storage test



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