

Press Release

Tallysman Wireless Incorporated announces its TW3972 antenna's Railway Industry Qualification

Ottawa, Ontario, Canada, Thursday, June 21, 2018 - Tallysman Wireless Inc., a leading manufacturer of economical high performance GNSS antennas and related products, is pleased to announce that its TW3972 antenna has passed all requirements of the Association of American Railroads' Electronics Environmental Requirements and System Management Standard (S-9401.V1.0).

Tallysman's antenna was subjected to a variety of stringent environmental conditions and had to demonstrate its consistent performance and structural integrity.

The tests simulated various scenarios like locomotive vibrations; exposure to extreme cold, heat and humidity conditions; exposure to blowing rain, sand and dust; as well as being exposed to contaminants, extreme sunlight and salt fog.

All tests were conducted by experienced and accredited laboratories in the U.S. and Canada except for the Storage Temperature and Drop tests, which were conducted by Tallysman's Engineering and Quality Assurance teams.

Tallysman is proud to have developed a robust and high-quality antenna that will help our Railway Industry customers comply with Positive Train Control (PTC) requirements.

To learn more on how Tallysman can help you with innovative railway solutions, please visit <http://www.tallysman.com>

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AAR Required Tests

Category	Test Description	Result
Mechanical	Sinusoidal Vibration	Pass
	Random Vibration	Pass
	Mechanical Shock (optional)	Pass
Temperature	Ambient temperature storage (T min)	Pass
	Ambient temperature storage (T max)	Pass
	Temperature cycling	Pass
	Tunnel Temperature	Pass
	Temperature Extremes - Ambient	Pass
	Temperature Extremes - Cold	Pass
	Temperature Extremes - Hot	Pass
Exposure	Rain	Pass
	Blowing Sand	Pass
	Blowing Dust	Pass
	Moisture Resistance	Pass
	Steady-State Humidity	Pass
Exposure	Contaminants	Pass
	Salt Fog	Pass
	Sunlight	Pass
Pressure	Altitude	Pass
Electromagnetic	Conducted Susceptibility Test - Level 1	Pass
	Conducted Susceptibility Test - Level 2	Pass
	Electrostatic Discharge (ESD)	Pass

Press Contact

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About Tallysman

Tallysman is a leading manufacturer of high performance, high quality products for a wide range of Global Navigation Satellite Systems (GNSS) applications. Tallysman's mission is to provide GNSS antennas which meet the needs of a new generation of positioning systems providing unprecedented accuracy at ever decreasing prices. Tallysman was founded in 2009 and is headquartered in Ottawa, Canada.