

FOR IMMEDIATE RELEASE

ORION™2.4 Non-Linear Junction Detector Safety Testing

Algood, Tennessee, USA, December 2014 – The ORION™2.4 Non-Linear Junction Detector has been tested by an independent third-party testing laboratory and found to be compliant with multiple international safety standards.

The ORION 2.4 is a Non-Linear Junction Detector used to detect and find hidden electronics. The ORION 2.4 utilizes a digitally modulated spread spectrum transmit signal, and relies on correlated 2nd and 3rd harmonic responses to increase detection capabilities.

While the ORION 2.4 is FCC and CE Mark compliant, extra steps were recently taken to document the safety of ORION 2.4 against multiple international standards. The ORION 2.4 was tested and certified by SGS North America's Consumer Testing Services Laboratory and against the following safety standards:

FCC OET Bulletin 65 Supplement: USA
FCC CFR Part 1 (1.1307 & 1.1310) Part 2 (2.1091): USA
RSS-102: Issue 4: Canada
ICNIRP: International
Council Recommendation 1999/519/EC of 12 July 1999: Europe
AS/NZS 2272.1: Australia/New Zealand

The above standards address human safety limits of exposure to radio frequency electromagnetic fields. The ORION 2.4 was tested and evaluated against the above safety standards and was found to be compliant.

When evaluating Non-Linear Junction Detectors (NLJD), it is important to consider the RF transmit power and safety compliance of the unit. REI is pleased to offer the ORION 2.4 (NLJD) with superior detection capabilities in a small, portable, design which complies with multiple international safety standards. We believe the ORION 2.4 is the safest and most reliable NLJD in the world.

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