

Test Certificate

CERTIFICATE No: TRA-029156-35-02A

ISSUE: A

DATE: 28th October 2015

PURPOSE OF TEST: EMC Immunity Testing

CLIENT ORDER No: 413411

CLIENT: Panorama Antennas Ltd, 61 Frogmore, Wandsworth,
London, SW18 1HF

EQUIPMENT UNDER TEST: SR8-HG26

The EUT is a GPS and GLONASS active antenna module. It comprises of a ceramic patch antenna element with 26 dB gain low noise amplifier. The EUT is phantom fed via coax cable from the receiver. The EUT is designed to be installed on the top of train carriages to give a fixed location on the train.

C365124

TEST SPECIFICATIONS: EN50121-3-2:2015 & EN301 489-3V1.6.1

TEST DATE: 13th October – 15th October 2015

TEST LOCATION: Element Materials Technology, Unit 1, Pendle Place,
Skelmersdale, West Lancashire, WN8 9PN

TESTS CARRIED OUT: Electrostatic Discharge Immunity
Radiated RF Immunity
Electrical Fast Transient/Burst Immunity
Conducted RF Immunity

TEST RESULTS: Measured as compliant
(Measurement uncertainty as per RF109 current issue)

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EMC

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