

Certificate of Testing

Serial Number: 12511CC52A

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FT Technologies Limited
Church Lane
Teddington
Middlesex
TW11 8PA

Client's Order Number: P16265
Works Order Number: 12511-02
Date of Test: 6th to 7th May 2010

Attn.: Mr. Olivier Hus

Specimens: 1 off FT702LT Wind Sensor
Serial No.: 2870-001
Part No.: 22 (With Soldered Internal Connector)
TRaC Stores No.: 24444
Receipt Date: 19th April 2010

Specification: Vibration Test

Tested in accordance with BS EN 60068-2-6: 2008, Test Fc and BS EN 60068-2-64: 2008, Test Fh

Sinusoidal Test

Frequency Range: 5Hz to 500Hz
Severity: 5Hz to 12Hz at ± 3 mm displacement
12Hz to 500Hz at 2g peak acceleration
Sweep Rate: 1 octave/minute
Number of Sweeps: 5 sweep cycles (5Hz to 500Hz to 5Hz)
Number of Axes: 3

Random Vibration Test

Frequency Range: 5Hz to 500Hz
Severity: $0.0075g^2/Hz$ (1.9g rms)
Duration: 90 minutes per axis
Number of Axes: 3

TEST ENGINEER 

D. Wheatley

Q.A. APPROVAL 

D.K.Morris – Chief Test Engineer

Certified that the specimens detailed hereon have been subjected to the tests as required by the order unless otherwise stated above. Our technical competence and quality control arrangements are in accordance with the conditions of our UKAS accreditation. No representation or warranty is given that the Tests performed under the terms of the Contract constitute, in themselves, a sufficient programme for the Customer's purpose, nor that the Customer's Equipment is suitable for any particular purpose. The contents of this Certificate shall not be reproduced, except in full, without the written approval of TRaC Global Limited.

WARWICK

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Issue Date: 7th July 2010



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Procedure: The specimen was attached to an aluminium bookend fixture which in turn was attached to an electrodynamic vibration system employing a hydrostatic slip table for the horizontal axes and an aluminium head expander for the vertical axis. Two piezoelectric accelerometers were attached at diametrically opposing corners of the specimen/fixture interface and an average control strategy was employed throughout the test.

A representative of the customer then connected the specimen under test to function test equipment located adjacent to the vibration system. The specimen was placed in an operational state by the customer and its operation was continuously logged by the customer's laptop. The specimen was then tested in accordance with the specification and on completion of the test the specimen was visually inspected for any conspicuous signs of external damage or degradation.

Results: The specimen completed the test with no conspicuous signs of external damage or degradation and the customer reported that the specimen had operated correctly throughout the test.