



**AUSTRALIAN RADIO COMMUNICATIONS
 EQUIPMENT
 COMPLIANCE ASSESSMENT
 TO
 RADIOCOMMUNICATIONS
 (COMMUNICATION WITH SPACE OBJECT)
 CLASS LICENCE 1998 WITH VARIATION 2012 (No.1)**

Client:	Thrane & Thrane A/S (Cobham)
Address:	Lundtoftegaardsvej 93D, 2800 Kgs. Lyngby Denmark
Report Number:	1112THR_TT-3720B_SpaceObjects <i>[This report supersedes report 0910THR_TT-3720B_SpaceObjects]</i>
File Number:	NEM140509
Equipment Name:	TT-3720B
Equipment Model No:	TT-3720B
Equipment Description:	The TT-3720B EXPLORER 710 consisted of TT-3732B transceiver and TT-3703B Antenna and was a mobile terminal that provided voice, fax, or high speed data communication through the Inmarsat satellite service.
Result:	COMPLIES <i>[Refer to Note 1 within.]</i>
Assessed by:	Phillip Kane 
Approved by:	Colin Gan Senior Engineer 
Date of Issue:	12 Nov 2015
<p>Results appearing herein relate only to the sample(s) assessed through the submitted test report(s).</p> <p>This report is issued errors and omissions exempt and is subject to withdrawal at Austest Laboratories discretion.</p>	

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EQUIPMENT DETAILS	
MANUFACTURER:	Thrane & Thrane A/S (Cobham)
MODEL:	TT-3720B
OPERATING FREQUENCY:	1626.5MHz - 1660.5MHz ^{Note 1}
TRANSMITTER POWER	20dBW ±1dB (125.892541 W, max) ^{Note 1}
TYPE OF ANTENNA:	Directional patch array, manually adjustable antenna ^{Note 1}
ANTENNA GAIN:	Max 14.38dBi ^{Note 1}

Applicable Standards

This equipment is licensed for operation in Australia by the Radiocommunications (Communication with Space Object) Class Licence 1998 with Variation 2012 (No.1), made by the Australian Communications and Media Authority (ACMA) under sections 132 of the Radiocommunications Act 1992.

The equipment shall bear the RCM / A- Tick mark, and the importer shall hold a Declaration of Conformity to the Radiocommunications (Communication with Space Object) Class Licence 1998 with Variation 2012 (No.1), together with a description of the product in a compliance folder, when compliance with all other applicable RCM / A-Tick requirements is met.

Technical Specifics of Compliance

	Operating Frequency of EUT	RCM / A-Tick Requirements	Compliance
Frequency Range	1626.5MHz to 1660.5MHz	1610MHz to 1660.5 MHz	Complies ^{Note 1}

Notes:

1. Data taken from the following documents provided by client;

- EXPLORER_710_Data_Sheet.pdf
- Exposure_Evaluation_ARPANSANSA_E710.pdf

Compliance is based on the assumption that the data contained in the submitted documents remains valid for TT-3720B (which is the Explorer 710 Terminal).

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Austest Summary and Recommendations:

The submitted documentation provides sufficient support for the claim that the equipment described therein operates within the licensing arrangements provided by the Australian Communications and Media Authority.

The equipment complies with the Radiocommunications (Communication with Space Object) Class Licence 1998 with Variation 2012 (No.1) and shall bear the RCM / A-Tick mark, when compliance with all other applicable RCM / A-Tick requirements is met.

If compliance is sought for model numbers other than those listed in the test report, then the compliance folder must hold additional documentation, demonstrating the equivalence of the products between the different model numbers.

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