

**NEW ZEALAND RADIO COMMUNICATIONS
EQUIPMENT
COMPLIANCE ASSESSMENT
TO
RADIOCOMMUNICATIONS REGULATIONS
(GENERAL USER RADIO LICENCE FOR SATELLITE SERVICES)
NOTICE 2005**

Client: Thrane & Thrane A/S (Cobham)
Address: Lundtoftegaardsvej 93D, 2800 Kgs. Lyngby Denmark
Report Number: 0910THR_TT-3720B_GURLSatellite
[This report supersedes original report 0603THR_EXPLORER710_GURLSatellite]
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** *[Refer to Note 1 within.]*

Assessed by: **Phillip Kane**



Approved by: **Colin Gan
Senior Engineer**



Date of Issue: 10 Sep 2015

Results appearing herein relate only to the sample(s) assessed through the submitted test report(s).

This report is issued errors and omissions exempt and is subject to withdrawal at Austest Laboratories discretion.

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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 27.416dBi ^{Note 1}

Applicable Standards

This equipment is licensed for operation in New Zealand by the Radiocommunications Regulations (General User Radio Licence for Satellite Services) Notice 2005, made by the Radio Spectrum Management (RSM) pursuant to Regulation 9 of the Radiocommunications Regulations 2001 made under section 116 (1) (b) of the Radiocommunications Act 1989.

Technical Specifics of Compliance

	Applied in Submitted Documents	General User Radio Licence for Satellite Services Requirements	Compliance
Frequency Range: MSS Service	1626.5MHz to 1660.5MHz ^{Note 1}	1610MHz to 1660.5MHz	Complies
Maximum permitted total transmit power level in dBW e.i.r.p. per terminal:	21dBW (max) ^{Note 1}	60dBW	Complies
Maximum permitted emission bandwidth in MHz per terminal:	0.189MHz ^{Note 1}	3MHz	Complies

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Notes:

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

- *EXPLORER_710_Data_Sheet.pdf*
- *Exposure_Evaluation_ARPANSА_E710.pdf*
- *TT_3720B_Emission_designators_statement_Va.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).

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 Radio Spectrum Management (RSM).

The equipment complies with the Radiocommunications Regulations (General User Radio Licence for Satellite Services) Notice 2005.

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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