EMC assessment sheet no. 804

DELTA client	DELTA project no.
Thrane & Thrane A/S Lundtoftegaardsvej 93 D 2800 Kgs. Lyngby Denmark	A503898

Product identification

Explorer 300
Part no. TT-3705A
Serial no. E300EMC1

DELTA report(s)

DELTA Test Report A503218-1, DANAK-198083, dated 21 September 2005
DELTA Test Report A503514-1, DANAK-198182, dated 07 December 2005

Other document(s)

EC Directive 99/5/EC (R&TTE Directive).

Conclusion

Except for the differences listed below Explorer 300 (part no. TT-3705A) and Explorer 500 (part no. TT-3710A) are electrically and mechanically identical. Explorer 500 has been tested previously and meets the requirements of the R&TTE Directive.

	E300	E500
External Antenna connector	Blocked and functionality disabled	Yes
USB connector	Blocked and functionality disabled	Yes
Tx Modulation	QPSK/4	QPSK/4, 16QAM
RF output power (EIRP)	10.1 dBW +/-1dB	15.1 dBW +/-1dB
Software configuration [E300 or E500]	E300	E500
DC Power consumption	35 W	38 W
Antenna module		
Inmarsat [gain]	10 dBi (2patch)	11.6 dBi (4 patch)
Bluetooth [gain] (both Inverted-F antennas but different placement.)	<2 dBi	<2 dBi

In order to demonstrate compliance with the R&TTE Directive it is considered sufficient to perform the following tests on Explorer 300:

Equivalent isotropic radiated power
Transmitter spurious emissions.

Date	Assessor
Hørsholm, 09 June 2006	Claus Rømer Andersen Project Manager - EMC