

# Eutelsat s.A. Type Approval Summary Sheet

**Applicant:**

VERTEX RSI  
General Dynamics C4 Systems  
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USA

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**Certificate:**

EA-A036

**Antenna:**

2.4 SMC-LT  
Four ports feed

**Diameter:**

2.4 m

**Standard:**

M

**Approval date:**

30-05-2008

**System Description:**

Transportable Fly away Earth Station based on a three pieces 2.4 meter VERTEX RSI carbon fiber molded antenna with mode generator four ports feed and rotary joint. Suitable for digital transmission up to highest bit rate. Circular Polarization.

**Models Available:**

2.4 SMC-LT 4 ports feed

**Maximum Allowed EIRP density:**

54.7 dBW/40kHz

anywhere for ATLANTIC BIRD 3™ (EESS-700 G, issue 2).

**Tx Frequency:**

3.625 – 4.200 GHz

**Rx Frequency:**

5.850 – 6.425 GHz

**Tx Gain:**

41.7 dBi (typical at 6.138 GHz)

**Rx Gain:**

37.2 dBi (typical at 3.625 GHz)

**Tx XPD:**

>32 dB within 1 dB contour

**Rx XPD:**

>31 dB within 1 dB contour

**Remarks:**

The de-ice option has not been validated for the scope of the type approval