

**Applicant:**

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**Certificate:**

EA-A035

**Antenna:****Type 961****Diameter:**

0.96 m

**Standard:**

M

**Approval date:**

01-04-2008

**System Description:**

Long focal length earth station for low and medium rate digital traffic; particularly suited for VSAT applications. Front fed offset configuration, feed with mode generator and rotary joint. Single piece 0.96 m SMC reflector. Two port die-cast OMT. Az/EI Mount with steel boom arm.

**Configurations:**

One standard configuration: type 961 Class I (fixed applications).

**Maximum Allowed EIRP:**

42.9 dBW / 40 kHz for digital carriers transmitted at the satellite receive contour of 0 dB/K.

**Tx Frequency:**

13.75 – 14.50 GHz

**Rx Frequency:**

10.70-12.75 GHz

**Tx Gain:**

41.2 dBi (typical at 14.25 GHz)

**Rx Gain:**

39.5 dBi (typical at 11.70 GHz)

**Tx XPD:**

&gt;30 dB within the mainlobe -1 dB contour

**Rx XPD:**

&gt;28 dB within the mainlobe -1 dB contour

**Remarks:**

Class I is designed for operating with an integrated transceiver assembly (or BUC+LNB assemblies) weighing a maximum of 1.7 Kg.

To be operated for maximum wind speeds of up to 72 Km/h.