

TYPE APPROVAL CERTIFICATE

PARIS, 21-08-2015

FOLLOWING VERIFICATION AND INSPECTION OF SUBMITTED DATA (ESOG MODULE 120 REFERS) EUTELSAT S.A. IS GRANTING TYPE APPROVAL FOR THE VSAT EARTH STATION MODEL: **Type 245 Ku Band, Class III, Compensated 2 ports feed** TO: **SKYWARE GLOBAL, 1315 Outlet Center Drive, Smithfield, N.C. 27577, UNITED STATES** AS STANDARD EUTELSAT S.A. VSAT EARTH STATION, UNDER THE CONDITIONS STATED IN ANNEX 1 OF THIS CERTIFICATE AND WITH REGISTRATION NUMBER

EA-V066

THIS APPROVAL ALLOWS THAT VSAT STATIONS OF THE MODEL INDICATED ABOVE DO NOT NEED INDIVIDUAL VERIFICATION OF RF PERFORMANCE PRIOR TO ENTERING INTO OPERATION IN THE EUTELSAT S.A. SYSTEM. ANY INDIVIDUAL TERMINAL WILL ONLY BE SUBJECT TO THE NORMAL APPLICATION / REGISTRATION PROCEDURE AS STIPULATED IN ESOG MODULE 110.



Fritz Schurig
Development and Innovation Department
Eutelsat S.A.

Annex 1 : Conditions
Annex 2 : Equipment Configuration

CONDITIONS

1. The type approval concerns only VSAT stations of the model stated in the certification and the detailed configuration as given in Annex 2 of the certificate.
2. If in future any modifications are applied either to the station configuration, one of its components or the manufacturing process (including alignment and verification procedures), Eutelsat S.A. should be notified immediately.
3. The applicant is obliged to provide to Eutelsat S.A. and on request, information on any delivered system of the kind covered by this type approval. This information will in particular concern: the entity supplied to, the place and date of installation and the exact VSAT station configuration.
4. The maximum allowed EIRP for the subject VSAT station while operating in the Eutelsat S.A. system has been fixed in the band 13.75-14.5 GHz, for digital carriers transmitted at the satellite receive contour of 0 dB/K (EESS 502, § 6.1 refers):
37.4 dBW / 4 kHz for satellite orbital separations $\geq 1.5^\circ$
Nevertheless, additional restrictions (2 dB from the values above) may be applicable to be in conformity with the Radio Regulations.



EQUIPMENT CONFIGURATION

Item	Make	Model
EA-V066, 2.4m Short Focal Length SMC 2 piece Reflector with Support & Braces	Skyware Global	62-2457711
Az/EI Mount	Skyware Global	611611407
KU Mode Match Feed with Mounting Block	Skyware Global	611678501
2.4m SMC 2 piece Main Reflector and side strut, and feed arm	Skyware Global	6116124-12
Mount for 2.4m Single Optics system and back structure	Skyware Global	611611407
KU Band Mode Matched Feed Filter and OMT Assembly	Skyware Global	611678501

Notes:

- 1-Class III (Class I and II do not exist) is designed for operating with standard BUC and LNB as separate units, maximum weight of the RF front end: up to 11.3 Kg (25 lbs).
- 2-To be operated for maximum wind speeds of up to 72 Km/h.
- 3-Designed for an installed power \leq 16 Watt.

