

TYPE APPROVAL CERTIFICATE

REVISION 1

PARIS, 07-09-2015

FOLLOWING VERIFICATION AND INSPECTION OF SUBMITTED DATA (ESOG MODULE 120 REFERS) EUTELSAT S.A. IS GRANTING TYPE APPROVAL FOR THE VSAT EARTH STATION MODEL: **1.2m single optic Ku-band 62-1255401 (1.2 m RXTx Type 125 Class I ; 1.2 m RXTx Type 125 Class I extended band)** 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-V055

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
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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):
44.5 dBW / 40 kHz for satellite orbital separations $\geq 3.0^\circ$
42.4 dBW / 40 kHz for satellite orbital separations $\geq 2.5^\circ$
38.4 dBW / 40 kHz for satellite orbital separations $\geq 1.5^\circ$
Nevertheless, additional restrictions (2 dB from the values above) may be applicable at 13.75 - 14.00 GHz, to be in conformity with the Radio Regulations.



EQUIPMENT CONFIGURATION

Item	Make	Model
EA-V055, 1.2m Type 125 Class 1	Skyware Global	62-1255401
1.2 m Long Focal Length SMC Main Reflector and side strut	Skyware Global	6116023-11R
Az/EI Mount with one-piece clamp	Skyware Global	6116125-01
LFL XPC Feed, OMT and Filter	Skyware Global	6116784-13

Notes:

- 1-Class I is designed for operating with an external OMT in a XPC feed assembly (6116784-13) weighting a maximum of 1.7 kg.
- 2-Designed for operating with an installed power \leq 16 Watt.
- 3-Configuration: Feed: 6116784-13 ; Reflector: 6116023-11R ; Azel: 6116125-01
- 4-To be operated for maximum wind speeds of up to 72 Km/h.

