



Agence Nationale des Fréquences

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Maisons-Alfort, le 19/05/2009

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TELECOPIE

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DU BUREAU DES RADIOCOMMUNICATIONS
U.I.T. GENEVE FAX : 00 41 22 730 57 85

EUTELSAT OIG
A l'attention de M. ROISSE FAX: 01 44 10 41 11
Secrétaire exécutif

Subject: Interference on HOT BIRD™ 6 satellite at 13°E

The French administration, acting as the notifying administration of the intergovernmental satellite organisation EUTELSAT, would like to draw the attention of your Administration on the fact that, on the 7th and 9th May 2009, EUTELSAT experienced severe interference problem on transmissions via the HOT BIRD™ 6 satellite located at the orbital position 13°E (supported by the EUTELSAT 3-13E satellite network, special section: AR11/C/2575).

The interference has seriously affected transmission of a TV Digital Platform containing several wide band digital TV channels via transponder 131 of that satellite (centre frequency 14416.66 / 11137.41 MHz, vertical polarization on the uplink / horizontal polarization on the downlink).

The interference presents itself as one or several high power CW carriers sweeping the band at random within a window of about 15 MHz centered on the transponder 131.

Taking into account that the interference appears as soon as the interfered-with TV carrier is transmitted and disappears when the useful TV carrier is removed, this interference looks like a deliberate jamming.

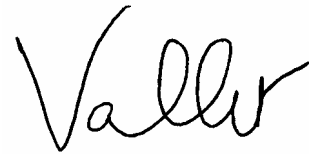
By means of measurements, with the support of a dedicated system for interference detection, we found that this interference comes from the territory of your Administration. Spectrum and localization plots relating to the above mentioned interference are presented in the attachments to this fax.

.../...

Pursuant to No. 15.25 of the Radio Regulations, your Administration is kindly requested to urgently enquire about the source of the above described emission and to take the necessary measures in order to cease this harmful interference and prevent such interference to occur again in the future.

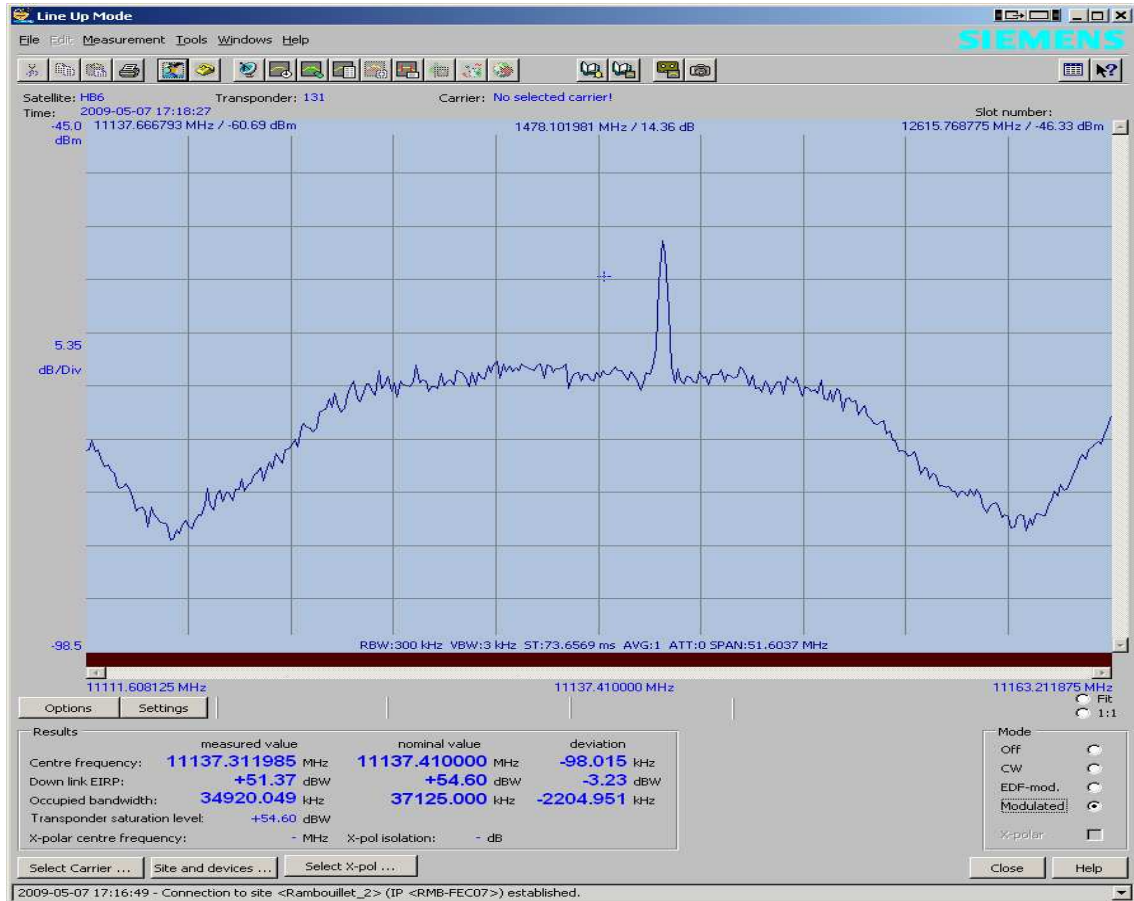
Could you please confirm, in accordance with RR No. 15.35, the receipt of the above information and inform us on the results of your investigation?

Best regards,

A handwritten signature in black ink, appearing to read 'Vallet', with a stylized, cursive script.

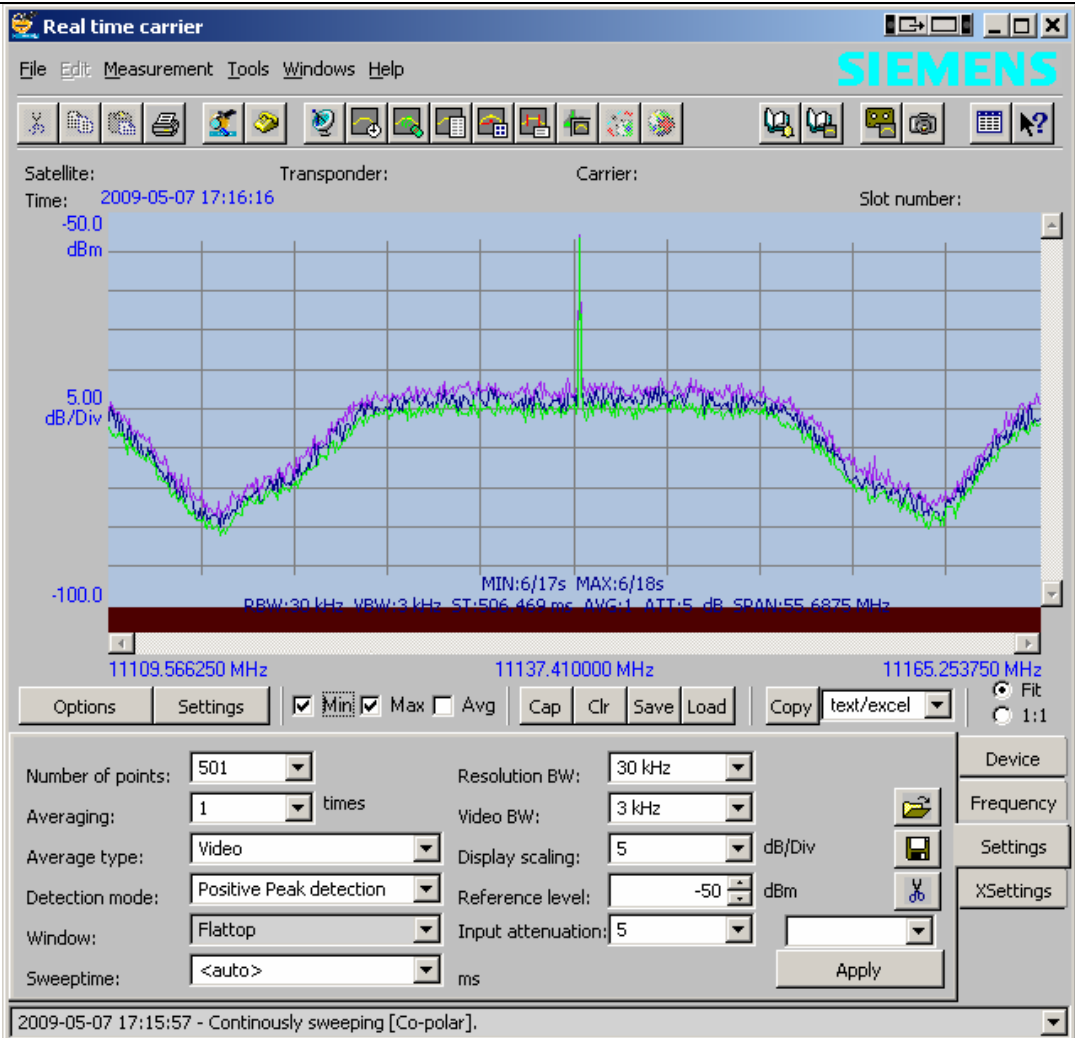
Alexandre VALLET
Head of the Spectrum/orbit
resources department

Interference Spectrum plots



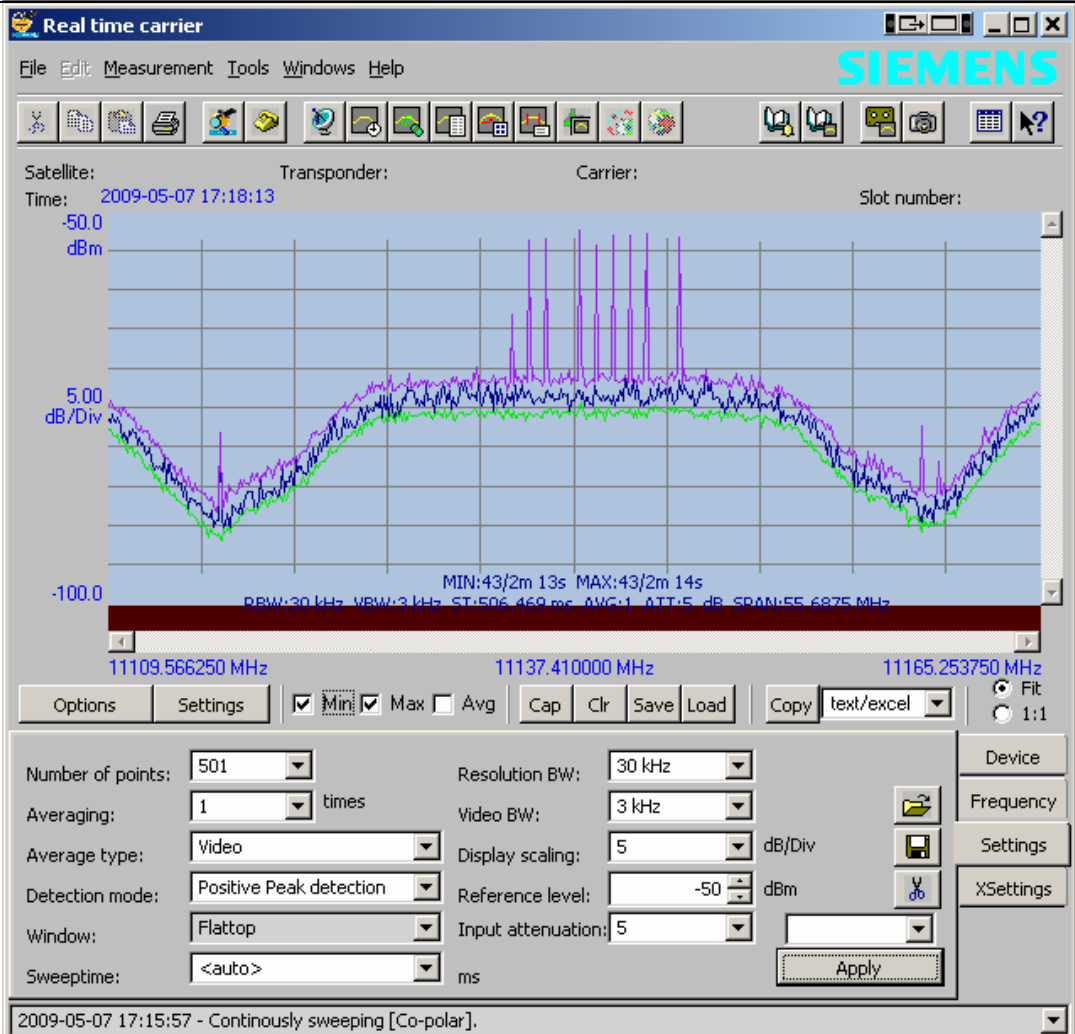
First CW interference

1716UTC



Jumping CW interference

1718UTC



15 CW frequencies in 13 MHz Space-segment around the CF

1719UTC

