

From: Monica Roos ES-STO
Sent: Monday, May 08, 2006 10:23 AM
To: Roland Gubisch ES-BOX
Cc: Terre Wolak ES-ATL
Subject: SV: TCB application Powerwave PCS amplifier FCC ID: SCEAR3700

Dear Roland,

ADMINISTRATIVE

1. I have given the client a copy of 2.1033 and hopefully he can figure out the answer.

2. The client has answer in Swedeish so I will try to translate the answer for you.

The module marked "UA106 14/1" is a passive filter (mechanical construction) with no electrinics inside. See attached specification, item 2 "Mechanical data", item 2.1 "masterial" and item 2.2 "Surface treatment".

TECHNICAL

1. Hereby I confirm (after talking to the client) that each amplifier supports only one carrier. OK?

2. Noted. The infromation has been forward to the radio engineers.

Best regards
Monica

Från: Roland Gubisch ES-Box
Skickat: den 26 april 2006 23:58
Till: Monica Roos ES-STO
Kopia: Terre Wolak ES-Atl
Ämne: TCB application Powerwave PCS amplifier FCC ID: SCEAR3700

Dear Monica,

Review of this application is complete and the following points are noted:

ADMINISTRATIVE

(1) According to FCC 2.1033(c)(8), the application must include information on the DC voltage(s) and current(s) into the final RF stage under normal operation. I cannot find this information. Kindly indicate where it is located, or provide it. The information can be provided in the form of an email or attachment.

(2) Internal photos must show components with all shielding removed, as well as in place. Photos of the module marked "UA106 14/1" do not appear to show the device with the outer shielding removed. If there are electronic components inside, photos should be provided showing both sides of any PC board within.

TECHNICAL

(1) Please confirm that each amplifier supports only one carrier. If more than one carrier per amplifier is possible (in either the uplink or downlink directions), three-tone intermodulation tests must be performed on that amplifier. These tests are absent from the test report.

(2) For information only: Spurious emissions ("cabinet radiation") from licensed radio service devices are measured by the substitution method of TIA-603-C and compared to the limit of -13 dBm. This is not necessary if all emissions are at least 20 dB below the radiated emission level equivalent to -13 dBm, or 64.4 dBuV/m at 3m. The data in the test report shows that the spurious emission level of 64.4 dBuV/m is not exceeded. Future reports for licensed radio devices should acknowledge the appropriate measurement method and use it where necessary.

Certification can proceed when these points are addressed.

Thank you,
Roland