To: Frank Coperich

From: Richard King
Certification Department Coordinator
Elite Electronic Engineering

RE: FCC ID OOJ0012TC19001
Applicant: Transcept, Inc.
Corr. Ref. Number: 1383
731 Conf. Number: TC99731
Date of Original Email: 02/05/2001

In reference to the e-mail received 02/05/2001 from you Mr. Coperich, you listed several concerns regarding a TCB submission we performed for Transcept Inc on a PCB-Licensed Base Station for part 24(e) FCC ID OOJ0012TC19001.

In response to your concerns the following issues were addressed and the steps taken to correct any problems are noted as provided:

1.) *Please place the proper Comments on the Grant following the TCB RF Exposure Procedures: June 12, 2000.*

- The grant should contain the following grant note:
"The antenna(s) used for this transmitter must be fixed-mounted on outdoor permanent structures. RF exposure compliance is addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of 1.1307(b)(3)". The grant note has been placed on the grant.

2.) *Please provide specific details of the antenna(s) supplied with and / or to be used with this unit.*

- Indicated on page 1-10 of the User's Manual under ***1.4.4 CMI ANTENNAS***, antenna specifics are stated. Antennas can or cannot be purchased with the device according to customer preference.

3.) *Please indicate specific instructions in the Operators Manual regarding RF Exposure issues.*

- The CMI unit is the only unit, which transmits through an antenna, the unit is considered an "outside" unit with the antennas mounted outdoor. Considering that the unit is a fixed transmitter that operates with outdoor antennas and identified in Table 1 of 1.1307 specific procedure SP (9) was followed. Indicated on pages vi and 3-6 of the User's Manual, statements concerning RF exposure are presented which we believe satisfy the RF exposure requirements. The November 15, 2001 TCB RF Exposure Procedures were used to determine which procedure to use.

4.) *Please supply measurement showing a comparison of the modulated signal occupied bandwidth signal into and out of this unit.*

- Correspondence was sent to Transcept Inc. requesting measurement data showing a comparison of the modulated signal occupied bandwidth signal into and out of this unit. When the data becomes available to Elite, Elite will make the data available to the commission.

5.) *Please submit measurement data showing transmitter intermodulation performance using three separate 1.25 Mhz CDMA signals.*

- Transmitter intermodulation performance was evaluated using the occupied bandwidth plots. These plots show 3 channels, which would have produced intermodulation products in the adjacent out of band frequency ranges.

6.) *Please explain / clarify the power output level cited as 7.5 W, three carrier. Is this power per-carrier or composite?*

- The power output level cited as 7.5 W is the composite output power as indicated in section **4.1.3 Results** on page 29 of the measurement report.

7.) *Please submit measurement data for radiated spurious emissions per Section 2.1053 made with a substitution method. (See ANSI/EIA/TIA 603-1992 Section 2.2.12 for guidelines.)*

- As indicated in the cover letter submitted for this application, Elite informed Transcept that the "substitution method" as described in TIA-603 should be used for the measurement of radiated spurious emissions per Section 2.1053. Since Trancepts previous filings showed that the commission had accepted filing which did not use the substitution method and they were not aware of the requirement to use the substitution method, we accepted the data but insisted that they use the substitution method for future filing.

Please feel free to contact me here at Elite with any comments, questions or concerns regarding this matter. Upon receipt of this e-mail the grant condition stated above will be entered on the grant as requested. Thank you for patience and understanding with regards to this certification.

Sincerely,

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