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FCC Application Processing Branch

From: Jim Sponsler, Ericsson Inc

Re: FCC ID AXATR-415-A2

Applicant: Ericsson Inc

Correspondence Reference Number: 15904

731 Confirmation Number: EA98413

Date of Original E-Mail: 09/05/2000

Ericsson, EA 98413 -

1. Filing has made a request for exclusion from routine MPE evaluation and also indicate that the current device is similar to a previously approved device (AXATR-400-A2, EA 94593). The current device is requesting for a maximum output of 355 mW for all operating modes, therefore, all modes should be categorically excluded from routine MPE if all outputs are less than 1.5 W ERP. The previous device had 3.0 W peak output for one of its modes, which was not categorically excluded from routine MPE evaluation and had requested for an exclusion. Please clarify the maximum output of all operating modes for the current device and its association with the previous device (has same model number, DM-10) described in the cover letter.

The previously approved device (AXATR-400-A2) was renamed from a DM10 to a DM10A, with the "A" suffix indicating the presence of 3.0 W peak output burst mode amplifier circuitry. The current device being certified is known as the DM10, and it does not include the burst mode circuitry, and is limited in output power to 355 mW for all operating modes.

2. Exhibit 6G1 (Ericsson labeled) describes a DM-20 module, please clarify which modules are included in this filing.

The reference to the DM20 is a typo, it should have read DM10. The amended (corrected) document is attached, Exhibit 6G Rev B.

3. Please modify proposed "Safety" Section of the manual to indicate in Section 3.1 that this OEM module is designed and must be configured to operate with respect to Section 2.1091 of FCC rules, as a mobile transmitting device for satisfying RF exposure compliance requirements. It is not intended for use in hand-held or portable transmitting devices, which are required to obtain separate FCC approval to satisfy SAR compliance with respect to 2.1093 of FCC rules. OEM integrators are cautioned to follow these requirements.

Exhibit 8 has been modified to reflect the recommended changes, and is attached, Exhibit 8 Rev B.

4. FYI - RF exposure info (section 1.2) describes device has 355 mW ERP, which should be conducted output. Section 2.3 describes a 30 minute averaging time, which is only applicable to fixed-mounted transmitters. Mobile and portable transmitters are required to satisfy source-based time-averaging requirements; please review rules in 2.1091 and 2.1093. MPE limits are more restrictive at the low end of the frequency band, MPE should be estimated with limits at the lowest operating frequency for the device to ensure compliance.

Exhibit 11 has been corrected, and is attached, Exhibit 11 Rev B.

5.) Please submit a showing of compliance with the E-911 requirements under Section 22.921

Exhibit 2 has been amended to address E-911, and is attached, Exhibit 2 Rev B.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

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