Chris Harvey
From: Lohoff Torsten [Torsten.Lohoff@7LAYERS.de]
Sent: Monday, May 14, 2001 9:54 AM
To: 'CHarvey@metlabs.com'
Subject: WG: TDK Systems FCC ID:PI4BT-ULTRA and MT#10706

-----Ursprüngliche Nachricht-----
Von: Lohoff Torsten
Gesendet am: Montag, 14. Mai 2001 10:58
An: 'Chris Harvey'
Betreff: AW: TDK Systems FCC ID:PI4BT-ULTRA and MT#10706

Chris,

here are the answers:
1. The users manual was changed, attached you will find the new version of the warning statements
2. Since the test has to be done in inquiry and paging mode (non continuous transmit mode) we measured maxhold 1200 sweeps or until the curve was stable. To start one inquiry or paging we had to type several commands which takes about 15 seconds. To measure with a sweep time of 667 seconds does not make sense.
3. TDK is using a CSR chipset. CSR has agreed with the FCC that all their customers do not have to perform the processing gain measurements again. A copy of the email by Joe Dichoso of the FCC statement is attached to this mail. Please let me know if you need any additional reports, etc. for the processing gain measurements.
4. The antenna specification is attached to this mail
5. + 6. attached you will find another FCC test report for the unintenional radiator (class B). This report includes the 15.207 (AC Line conducted tests). The report should also be o.k. to process the class B certification.

Regards

Torsten

-----Ursprüngliche Nachricht-----
Von: Chris Harvey [mailto:CHarvey@metlabs.com]
Gesendet am: Donnerstag, 3. Mai 2001 18:19
An: Torsten Lohoff @ 7Layers (E-mail)
Cc: Marianne Bosley
Betreff: FW: TDK Systems FCC ID:PI4BT-ULTRA and MT#10706

Torsten, MET has completed the Technical Review of the TDK applications and have come up with the following items that need to be addressed:

1. For RF Exposure reasons, the EUT is classified by the FCC as a mobile device. As such, it must have the
following cautionary statement in the installation manual, in a prominent position:

In order to comply with FCC RF Exposure requirements, this device must be installed in such a way that a
minimum separation distance of 20 cm is always maintained between the

antenna and all persons during normal
operation.

Please verify that this statement will be included in the manual, and indicate where it will be placed.

2. Please justify the fast (coupled) sweep time that was used during power spectral density tests, as the test
procedure specifies a sweep time of 1 sec/3 kHz span.

3. Please submit the processing gain test procedure and data.

4. Please submit antenna specifications (i.e., gain).

5. Please submit data demonstrating compliance with 15.207 (AC Line conducted tests).

6. Please confirm that the Class B peripheral portion of this composite device will be authorized, either
through DoC or certification, prior to marketing.

MET will continue the processing of this application upon receipt of responses to the above issues.

Best regards,

Chris Harvey

Chris Harvey
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antenna_specification.pdf


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