



From: alice_wong [SMTP:alice_wong@hkstc.com]

To: mbosley@metlabs.com

Cc: EED - Choy, Kitty

Subject: Metrak #13415 Excel Engineering (HK) Co Ltd. FCC ID: OWGNRM180

Sent: 2/28/2003 8:36 PM

Importance: Normal

Hi Marianne,

Please see attached file for answer of the question.

Thanks.

Best Regards

Alice

>>

>>> Hello,

>>>

>>> The technical reviewer has the following issues. Please respond and we

>> will

>>> continue with this project. Thank you.

>>>

>>> 1. The unit apparently has provisions for connection of an AC/DC > adapter,

>>> and Line Conducted Measurements were performed in accordance >>> with FCC 15.207. However, there was no test setup photograph or diagram

>> of

>>> the Line Conducted Test setup required by ANSI C63.4. Please provide

>>> a photograph of the Line Conducted Test Setup.

>>>

>>> 2. Also note that the Line Conducted Emissions limits listed on pages 15

> &

>>> 16 seem to imply that you are using the old emissions limits and not

>>> the new limits adopted from the CISPR 22 limits. Please confirm if you

>> are

>>> using the new CISPR 2 limits as referenced in the current version of

>>> FCC Pt. 15.207. If the old limits are used then the Grant will be

>>> conditioned to 'expire' in 2005, which does not seem necessary in this

>>> application.

>>>

>>> 3. Please note that the limits on the measurements on the tables on

> pages

>> 15
>>> & 16 of 22 should be dBuV and not dBuV/m.
>>>
>>> 4. The Radiated Spurious Emissions seem to have been performed without
> the
>>> AC/DC adapter (see photographs on pages 21 & 22 of 22). If this is
>>> correct, please re-test the fundamental emission and Spurious
Emissions
>> with
>>> the adapter connected.
>>>
>>> 5. The Bandedge plot on page 18 appears to show emissions within the
>>> 26dB point that is out of the 49.82MHz lower band edge, showing
apparent
>>> noncompliance with Section 15.235(b). The plot on page 19 of 22
appears
>> to
>>> be clipped in amplitude, and thus I can not determine the 26dB points.
>>> Replot the emission, using the same span, but with a RBW = 1 kHz (VBW
>=
>>> RBW). This would be 1% of the span, as is recommended.
>>>
>>>
>>> Marianne T. Bosley
>>> EMC Administrator
>>> 410-354-3300 X 412
>>> mbosley@metlabs.com
>>>
>>> Visit MET Labs for a demonstration of our new CETECOM BITE Test System
> at
>>> the Bluetooth Developers Conference, Booth 622, Dec. 10-12, San Jose,
> CA.
>>> For more information visit www.ibctelecoms.com/bluetoothdevcon.
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