

## Chris Harvey

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**From:** Tom Tidwell [Tom.Tidwell@nemko.com]  
**Sent:** Tuesday, May 18, 2004 12:28 PM  
**To:** Chris Harvey; Scott Yarberry  
**Cc:** Scott Constien  
**Subject:** RE: Application review of the Portfolio MT#14796



3l0477rus1Rev4.pdf  
f (425 KB)

Chris,

Attached is a revised report with the erp carrier data included.

Kind Regards,

Tom

-----Original Message-----

**From:** Chris Harvey [mailto:Chrisharveyemc@comcast.net]  
**Sent:** Tuesday, May 18, 2004 8:22 AM  
**To:** 'Scott Yarberry'; Tom Tidwell  
**Cc:** 'Scott Constien'  
**Subject:** RE: Application review of the Portfolio MT#14796

Scott I am sorry I was not clearer. I have only received new EIRP substitution data for the Pt. 24 which was attached to the e-mail received yesterday. I have not received any new ERP Substitution data for Pt.22. If it has already been sent please re-send to my attention.

Best regards,

Chris Harvey

-----Original Message-----

**From:** Scott Yarberry [mailto:Scott.Yarberry@enfora.com]  
**Sent:** Tuesday, May 18, 2004 9:00 AM  
**To:** Tom Tidwell (E-mail)  
**Cc:** Scott Constien; 'chrisharveyemc@comcast.net'  
**Subject:** RE: Application review of the Portfolio MT#14796  
**Importance:** High

Tom,

Chris still does not seem to acknowledge your ERP information or somehow he is looking for something different from what you have presented.

Let me know what needs to be done.

Regards,  
Scott

-----Original Message-----

From: Chris Harvey [mailto:Chrisharveyemc@comcast.net]  
Sent: Tuesday, May 18, 2004 3:13 AM  
To: 'Tom Tidwell'; 'Phillip Raymond'  
Cc: 'Dustin Oaks'; 'Marianne Bosley'  
Subject: RE: Application review of the Portfolio MT#14796

Tom and Phil, I can now accept this information for the FCC Pt. 24 portion of this application. I am still awaiting the ERP information for the Pt. 22 portion of this device as requested below.

Best regards,

Chris Harvey

-----Original Message-----

From: Tom Tidwell [mailto:Tom.Tidwell@nemko.com]  
Sent: Monday, May 17, 2004 11:10 AM  
To: Phillip Raymond; Dustin Oaks  
Cc: chrisharveyemc@comcast.net  
Subject: RE: Application review of the Portfolio MT#14796

Chris,

This is a revised report for the Enfora Portfolio MT#14796 application you are reviewing. The revised report includes eirp data for rf power output in addition to the conducted rf power output at the antenna output connector.

Kind Regards,

Tom Tidwell

-----Original Message-----

From: Phillip Raymond [mailto:Phillip.Raymond@enfora.com]  
Sent: Friday, March 26, 2004 9:14 AM  
To: Tom Tidwell; Dustin Oaks  
Subject: FW: Application review of the Portfolio MT#14796  
Importance: High

Dustin/Tom,

Please see below and attachment. I really need to resolve this. What next?

-----Original Message-----

From: Chris Harvey [mailto:Chrisharveyemc@comcast.net]  
Sent: Thursday, March 25, 2004 8:14 AM  
To: 'Phillip Raymond'  
Cc: MBosley@metlabs.com  
Subject: RE: Application review of the Portfolio MT#14796

Phil I have gone to the FCC's Interpretation Database to find the following information from a discussion in 2001 regarding substitution methods. Licensed devices incorporating antennas are required to be measured using the Substitution Method of EIA/TIA 603, Please forward Nemko the following attachment which I accessed by using the FCC Interpretations database and the search keyword "ERP".

Please also let Nemko that I am available to discuss this, as is the FCC Laboratory.

Best regards,

Chris Harvey

-----Original Message-----

From: Phillip Raymond [mailto:Phillip.Raymond@enfora.com]  
Sent: Wednesday, March 24, 2004 4:41 PM  
To: 'Chris Harvey'  
Cc: 'MBosley@metlabs.com'  
Subject: RE: Application review of the Portfolio MT#14796

Any feedback on this email Chris?

-----Original Message-----

From: Phillip Raymond  
Sent: Monday, March 22, 2004 5:16 PM  
To: 'Chris Harvey'  
Cc: MBosley@metlabs.com  
Subject: RE: Application review of the Portfolio MT#14796

Chris,

Nemko is looking into this further, but here is their first take on your comments:

"A licensed device does not require that the power output be measured with signal substitution. It would be true if the device were a Part 15 unlicensed device. The EIRP and ERP tests for rf power output are intended to demonstrate that the rf power output does not exceed the power limit expressed in the FCC Rules (7 watts for Part 22 and 100 W for Part 24). The measurements that we took certainly do this. Since the SAR lab uses antenna conducted power we measure it in the same way so as to have consistency between the SAR and EMC reports."

I'll pass along further information from Nemko, but does the above make any sense? Comments? I really don't have time and resources to do any retesting...

Thanks,  
Phil

-----Original Message-----

From: Chris Harvey [mailto:Chrisharveyemc@comcast.net]  
Sent: Tuesday, March 16, 2004 4:13 PM  
To: 'Phillip Raymond'  
Cc: MBosley@metlabs.com  
Subject: RE: Application review of the Portfolio MT#14796

Phil,

The response to the ERP for Pt. 22 (question #7 and #8) and EIRP (question #8) are not acceptable according to FCC Policy. The ERP and EIRP measurements for mobile devices are to be performed using the substitution method of EIA/TIA 603, and not by conducted measurements with antenna gain correction. I am willing to discuss this if needed.

The Emission Designator of question #1 is completed and acceptable.

Best regards,

Chris Harvey

-----Original Message-----

From: Phillip Raymond [mailto:Phillip.Raymond@enfora.com]  
Sent: Sunday, March 14, 2004 7:56 PM  
To: 'Chrisharveyemc@comcast.net'  
Cc: 'MBosley@metlabs.com'  
Subject: FW: Application review of the Portfolio MT#14796

<<310477rus1Rev3.pdf>> <<310477rus2Rev2.pdf>>

-----Original Message-----

From: Tom Tidwell  
To: Phillip Raymond; David Light  
Sent: 3/12/04 5:09 PM  
Subject: RE: Application review of the Portfolio MT#14796

Tom Tidwell  
Frontline Manager  
Nemko Dallas, Inc.  
Phone: 972-436-9600  
FAX: 972-436-2667  
Email: tom.tidwell@nemkona.com

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-----Original Message-----

From: Phillip Raymond [mailto:Phillip.Raymond@enfora.com]  
Sent: Friday, March 12, 2004 10:16 AM  
To: David Light; Tom Tidwell  
Subject: RE: Application review of the Portfolio MT#14796  
Importance: High

Guys,

Any help here?

Thanks, Phil

-----Original Message-----

From: Phillip Raymond  
Sent: Tuesday, March 09, 2004 2:17 PM

To: David Light (E-mail); Tom Tidwell (E-mail)  
Cc: Scott Constien  
Subject: FW: Application review of the Portfolio MT#14796  
Importance: High

Tom or David,

The GSM3208, small portfolio, that Nemko did testing on has been held up in TCB and I have an urgent request to resolve some of the outstanding issues. Below are three items related to the testing that Nemko did that I need you to resolve for asap.

Here are the three items:

1. The Emission Designator provided in the test reports has 8 characters when it should only have 7 characters. Your Test Laboratory (Nemko) should be able to confirm that there is one extra character, likely to be the 2nd '0' which needs to be removed. Please contact them for confirmation. [Tom Tidwell] Please refer to revised test report attached.

7. Please obtain the ERP measurement value from the test laboratory who performed the RF testing. [Tom Tidwell] Please refer to revised test report attached.

8. Pt. 24 test report received. I will review, but please have the Laboratory provide the EIRP measurement value for the final Fundamental emissions.  
[Tom Tidwell] Please refer to page 7 of Part 24 test report. I have attached a copy of the report in case you do not have it.

Please note the sense of urgency in resolving these items.

Thank you,

Phil

<<310477rus1Rev3.pdf>> <<310477rus2Rev2.pdf>>